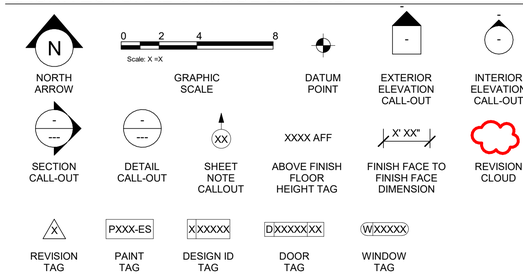
ABBREVIATIONS

A/C	AIR CONDITIONING
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AMP	AMPERE
ARCH	ARCHITECT
BOH	BACK OF HOUSE
CAB	CABINET
CL	CENTER LINE
CLG	CEILING
CM	STARBUCKS CONSTRUCTION MANAGER
CTR	CENTER
CX	COMMISSIONING
CXA	COMMISSIONING AGENT
DEG	DEGREE
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DM	STARBUCKS DESIGN MANAGER
DN	DOWN
EA	EACH
EL	ELEVATION
EQ	EQUAL
EXIST	EXISTING
EXT	EXTERIOR
FF&E	FURNITURE, FIXTURE, AND EQUIPMENT
FLR	FLOOR
FOH	FRONT OF HOUSE
FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
FOIO	FURNISHED BY OWNER INSTALLED BY OWNER
FT	FOOT/FEET
G	GROUND
GC	GENERAL CONTRACTOR
GWB	GYPSUM WALLBOARD
HC	HOLLOW CORE
HDW	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
I.D.	INSIDE DIAMETER
LEED	LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN
LL	LANDLORD
LV	LOW VOLTAGE
MAX	MAXIMUM
MEP	"MECHANICAL, ELECTRICAL AND PLUMBING"
MFR	MANUFACTURER
MIN	MINIMUM
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NTS	NOT TO SCALE
OC	ON CENTER
O.D.	OUTSIDE DIAMETER
PIR	PASSIVE INFRARED SENSOR
PLC	PLACE
R	RADIUS
REF	REFERENCE
REQ'D	REQUIRED
REV	REVISION
RND	ROUND
SB	STARBUCKS
SC	SOLID CORE
SF	SQUARE FEET
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
TEMP	TEMPORARY
TYP	TYPICAL
UC	UNDER COUNTER
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VIF	VERIFY IN FIELD

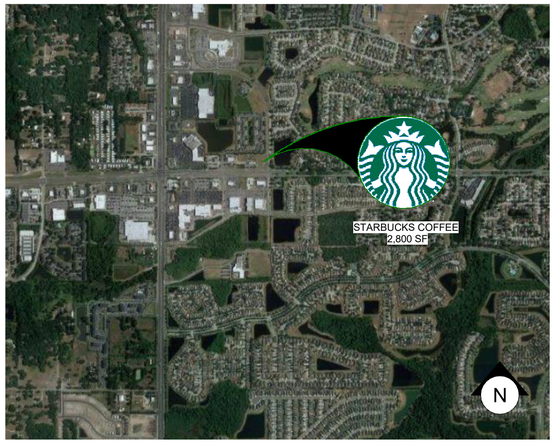
RESPONSIBILITY LEGEND

GC	GENERAL CONTRACTOR
LL	LANDLORD
SB	STARBUCKS

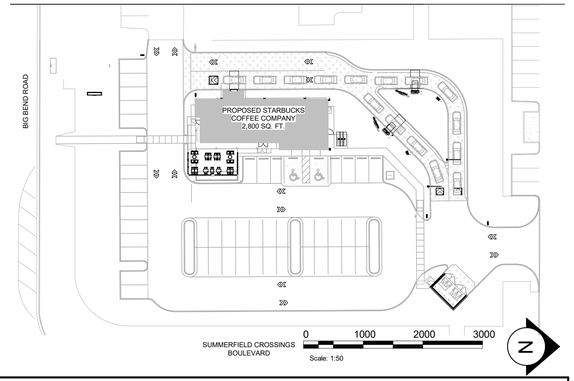
ARCHITECTURAL SYMBOL LEGEND



AERIAL MAP



KEY SITE PLAN



PRODUCT APPROVAL INFORMATION SHEET

PROJECT ADDRESS: 10790 BIG BEND RD, RIVERVIEW , FL 33579 HILLSBOROUGH COUNTY

AS REQUIRED BY FLORIDA STATUTE 553.842 AND FLORIDA ADMINISTRATIVE CODE 9B-72, PLEASE PROVIDE THE INFORMATION AND PRODUCT APPROVAL NUMBER(S) FOR THE BUILDING COMPONENTS LISTED BELOW AS APPLICABLE TO THE BUILDING CONSTRUCTION PROJECT LISTED ABOVE. YOU SHOULD CONTACT YOUR PRODUCT SUPPLIER IF YOU DO NOT KNOW THE PRODUCT APPROVAL NUMBER FOR ANY OF THE APPLICABLE LISTED PRODUCTS. INFORMATION REQARDING STATEWIDE PRODUCT APPROVAL MAY BE OBTAINED AT: WWW.FLORIDABUILDING.ORG

CATEGORY:	MANUFACTURER:	PRODUCT DESCRIPTION:	LIMITATION OF USE:	DESIGN PRESSURE:	PRODUCT APPROVAL
EXTERIOR DOORS					
SWINGING	CURRIES DOORS	MODEL 747 OUTSWINGING COMMERCIAL STEEL DOOR (SINGLE) W/ RIM EXIT DEVICE	HVHZ APPROVED	+57/-57 PSF	FL 8394.4
SWINGING	KAWNEER	350 MEDIUM STILE OUTSWINGING COMMERCIAL STOREFRONT DOOR - SINGLE	HVHZ APPROVED	+/- NA PSF	FL 7237.2
SWINGING	KAWNEER	350 MEDIUM STILE OUTSWINGING COMMERCIAL STOREFRONT DOOR - DOUBLE	HVHZ APPROVED	+/- NA PSF	FL 7237.2
CLADDING					
EIFS	DRYVIT	OUTSULATION PLUS MD EIFS SYSTEM OVER CONCRETE OR MASONRY	HVHZ APPROVED	+160/-160 PSF	FL 2030.13
WOOD PANELS	RESAWN TIMBER CO.	TREATED PINE ACCOYA WOOD CLADDING	TBD	TBD	TBD
STOREFRONT					
STOREFRONT	KAWNEER	TRIFAB 451	HVHZ APPROVED	+/- NA PSF	FL 7237.2

IN ADDITION TO COMPLETING THE ABOVE LIST OF MANUFACTURERS, PRODUCT DESCRIPTION AND STATE APPROVAL NUMBER OF THE PRODUCTS USED ON THIS PROJECT, IT IS THE CONTRACTOR'S OR AUTHORIZED AGENT'S RESPONSIBILITY TO HAVE A LEGIBLE COPY OF EACH MANUFACTURER'S PRINTED INSTRUCTIONS, ALONG WITH THE LIST ABOVE, ON THE JOB SITE AVAILABLE TO THE INSPECTOR.

PROJECT CONTACTS

SENIOR DESIGN MANAGER: LUCAS ALVAREZ-TABIO
STARBUCKS COFFEE COMPANY
95 MERRICK WAY, SUITE 650
CORAL GABLES, FL 33134
(786) 769-7966 PHONE
LALVAREZ@STARBUCKS.COM

STORE DESIGNER: RAI MONTERO
STARBUCKS COFFEE COMPANY
(786) 554-2822 PHONE
RMONTERO@STARBUCKS.COM

CONSTRUCTION MANAGER: LYLE KRUMLAUF
STARBUCKS COFFEE COMPANY
LKRUMLAU@STARBUCKS.COM

LANDLORD: MICHAEL LEEDS
8902 N DALE MABRY HWY, SUITE 200
TAMPA, FL 33614
(813) 766-7018 PHONE
MICHAEL@SHAGBARKFL.COM

ARCHITECT OF RECORD: PETER DUBIN - NORR
325 N. LASALLE STREET, SUITE 500
CHICAGO, IL 60654
(312) 424-2400 PHONE
SARAH.CARUSO@NORR.COM
LETIZIA.LASPIA@NORR.COM

MEP CONSULTANT OF RECORD: WILLIAM ALKEMEYER
353 MARSHALL AVENUE, SUITE 100
ST. LOUIS, MO 63119
(314) 772-1782 PHONE
(314) 772-0109 FAX

SITE INFORMATION

CODE AUTHORITIES: **HILLSBOROUGH COUNTY**

BUILDING CODE: 2020 FLORIDA BUILDING CODE, BUILDING 7TH EDITION

PLUMBING CODE: 2020 FLORIDA BUILDING CODE, PLUMBING 7TH EDITION

MECHANICAL CODE: 2020 FLORIDA BUILDING CODE, MECHANICAL 7TH EDITION

ELECTRICAL CODE: 2020 NATIONAL ELECTRICAL CODE

ENERGY CODE: 2020 FLORIDA BUILDING CODE, ENERGY CONSERVATION 7TH EDITION

FIRE CODE: 2020 FLORIDA STATEWIDE FIRE PREVENTION CODE

HEALTH CODE: FLORIDA FOOD REGULATIONS

ACCESSIBILITY CODE: ICC/ANSI A117.1-2017 EDITION

ZONING:

ZONE: **PLANNED DEVELOPMENT (PD)**

PROPOSED USE: COFFEE SHOP

BUILDING INFORMATION

ZONING:

BUILDING HEIGHT: 19'-0"

BUILDING AREA: 2,800 SQUARE FEET

BUILDING USE: COMMERCIAL

OCCUPANCY TYPE: A-2

SPRINKLERED: NO

CONSTRUCTION TYPE: V-B

WIND ZONE 2- 140 MPH

ZONE: PD

PROPOSED USE: COFFEE SHOP

OCCUPANCY LOAD:
CAFE: 580 SF / 15 = 39 OCC
STANDING: 44 SF / 5 = 8 OCC
BAR: 554 SF / 200 = 3 OCC
WORKROOM: 760 SF / 300 = 3 OCC
LINEAR SEATING: 354 IN / 18 = 20 OCC
TOTAL = 73 OCC

EXIT CAPACITY: EXIT 1: 72" WIDE
EXIT 2: 36" WIDE
EXIT 3: 42" WIDE

TRAVEL DISTANCE: ALLOWED TRAVEL DISTANCE: 200'-0"
ACTUAL TRAVEL DISTANCE: 90'-8"

NUMBER OF EXITS: MIN. NUMBER OF EXITS REQUIRED: 2
NUMBER OF EXITS PROVIDED: 3
[INCLUDES 1 WORKROOM EXIT]

DEFERRED SUBMITTALS: **SIGNAGE**

INDEX OF SHEETS

LEGEND: X - SHEET ISSUED
R - SHEET ISSUED FOR REFERENCE AND COORDINATION ONLY
SEE TITLEBLOCK FOR REVISION ISSUE DATE(S)

SHEET	SHEET TITLE	BID SET	PERMIT SET	REVISION 1	REVISION 2	REVISION 3	REVISION 4
GENERAL							
G001	GENERAL INFORMATION	X	X				
G002	LIFE SAFETY ACCESSIBILITY PLAN	X	X				
G002.1	LIFE SAFETY ACCESSIBILITY PLAN	X	X				
G003	FOOD SERVICE PLAN	X	X				
G004	ADA DETAILS 2017	X	X				
G005	3D VIEWS	X	X				
G006	RENDERINGS	X	X				
G007	OUTLINE SPECIFICATIONS	X	X				
G008	OUTLINE SPECIFICATIONS	X	X				
G009	OUTLINE SPECIFICATIONS	X	X				
CIVIL							
C4.0	CIVIL SITE PLAN	X	X				
C4.1	CIVIL SITE PLAN	X	X				
ARCHITECTURAL							
A001	ARCHITECTURAL SITE PLAN	X	X				
A002	ENLARGED SITE PLAN DETAILS	X	X				
A003	ENLARGED SITE PLAN DETAILS	X	X				
A004	ARCHITECTURAL SITE DETAILS	X	X				
A005	ARCHITECTURAL SITE DETAILS	X	X				
A006	ARCHITECTURAL SITE DETAILS	X	X				
A007	ARCHITECTURAL SITE DETAILS	X	X				
A008	ARCHITECTURAL SITE DETAILS	X	X				
A009	ARCHITECTURAL SITE DETAILS	X	X				
A100	SHELL BUILDING FLOOR PLAN	X	X				
A101	BUILDING FLOOR PLAN	X	X				
A102	BUILDING FLOOR PENETRATION PLAN	X	X				
A103	BUILDING ROOF PLAN	X	X				
A103.1	ROOF DETAILS	X	X				
A201	BUILDING EXTERIOR ELEVATIONS	X	X				
A202	BUILDING EXTERIOR ELEVATIONS	X	X				
A203	EXTERIOR FINISH ELEVATIONS	X	X				
A204	EXISTING FINISH ELEVATIONS	X	X				
A301	BUILDING SECTIONS	X	X				
A401	WALL SECTIONS	X	X				
A402	WALL SECTIONS	X	X				
A501	BUILDING DETAILS	X	X				
A502	BUILDING DETAILS	X	X				
A503	BUILDING DETAILS	X	X				
A504	BUILDING DETAILS	X	X				
A601	SCHEDULES	X	X				
A602	WINDOW AND DOOR SCHEDULES & DETAILS	X	X				
INTERIORS							
I101	FF & E PLAN	X	X				
I102	CASEWORK PLAN	X	X				
I102.1	ADAPTABE CASEWORK BASE PLAN	X	X				
I102.2	ADAPTABLE CASEWORK FRAMEWORK PLAN	X	X				
I102.3	ADAPTABLE CASEWORK CABINET PLAN	X	X				
I102.4	ADAPTABLE CASEWORK COUNTERTOP PLAN	X	X				
I103	REFLECTED CEILING PLAN	X	X				
I103.1	DIMENSIONED RCP W/ UNDERLAY	X	X				
I104	FLOOR FINISH PLAN	X	X				
I105	FINISH DETAILS	X	X				
I201	INTERIOR FINISH ELEVATIONS	X	X				
I202	INTERIOR FINISH ELEVATIONS	X	X				
I203	INTERIOR FINISH ELEVATIONS	X	X				
I401	RESTROOM PLAN & ELEVATIONS	X	X				
I401.1	RESTROOM DETAILS	X	X				
I402	ENLARGED BAR PLANS	X	X				
I501	INTERIOR DETAILS	X	X				
I502	INTERIOR DETAILS	X	X				
I503	INTERIOR DETAILS	X	X				
I504	INTERIOR DETAILS	X	X				
I601	SCHEDULES	X	X				
I602	SCHEDULES	X	X				
STRUCTURAL							
S002	GENERAL NOTES	X	X				
S003	PROJECT SCHEDULES	X	X				
S101	FOUNDATION PLAN	X	X				
S102	ROOF FRAMING PLAN	X	X				
S201	TRASH ENCLOUSURE PLANS & DETAILS	X	X				
S501	TYPICAL FOUNDATON DETAILS AND SECTIONS	X	X				
S511	TYPICAL FRAMING DETAILS	X	X				
S512	FRAMING SECTIONS AND DETAILS	X	X				
S513	FRAMING SECTIONS AND DETAILS	X	X				
ELECTRICAL							
E001	ELECTRICAL NOTES	X	X				
E002	ENERGY CALCULATIONS	X	X				
E002.1	ENERGY CALCULATIONS	X	X				
E003	ELECTRICAL SITE PLAN	X	X				
E101	ELECTRICAL POWER PLAN	X	X				
E102	ELECTRICAL LIGHTING PLAN	X	X				
E103	ENLARGED ELECTRICAL PLACEMENT PLAN	X	X				
E104	DATA DEVICE PLAN	X	X				
E501	ELECTRICAL DETAILS	X	X				
E502	ELECTRICAL DETAILS	X	X				
E601	PANEL SCHEDULES	X	X				
E602	SCHEDULES	X	X				
E603	SCHEDULES	X	X				
MECHANICAL							
M001	MECHANICAL NOTES	X	X				
M002	ENERGY CALCULATIONS	X	X				
M101	MECHANICAL DESIGN PLAN	X	X				
M102	MECHANICAL ROOF PLAN	X	X				
M501	MECHANICAL DETAILS	X	X				
M502	EMS DETAILS	X	X				
PLUMBING							
P001	PLUMBING NOTES	X	X				
P101	PLUMBING SUPPLY PLAN	X	X				
P102	PLUMBING WASTE & VENT PLAN	X	X				
P103	ENLARGED PLUMBING PLACEMENT PLAN	X	X				
P104	PLUMING ISOMETRIC DIAGRAM	X	X				
P501	PLUMBING DETAILS	X	X				
P502	PLUMBING DETAILS	X	X				
P503	PLUMBING DETAILS	X	X				
P601	PLUMBING SCHEDULES	X	X				

GENERAL NOTES

1. THE DRAWINGS AND PROJECT MANUAL TOGETHER CONSTITUTE THE CONTRACT DOCUMENTS FOR CONSTRUCTION. ALL GENERAL REQUIREMENTS ARE TO BE MET AND ALL MATERIALS, FINISHES AND SYSTEMS ARE TO BE INSTALLED AND PERFORM PER SPECIFICATIONS UNLESS OTHERWISE NOTED.
2. GENERAL CONTRACTOR SHALL VISIT THE SITE, REVIEW THE BUILDING SHELL DRAWINGS AS SUBMITTED BY STARBUCKS AND BECOME THOROUGHLY FAMILIAR WITH THE SITE CONDITIONS PRIOR TO CONSTRUCTION.
3. GENERAL CONTRACTOR SHALL CONSULT WITH STARBUCKS CONSTRUCTION MANAGER TO RESOLVE ANY CHANGES, OMISSIONS OR PLAN DISCREPANCIES PRIOR TO CONSTRUCTION.
4. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL, COUNTY, STATE AND FEDERAL CODES AND ORDINANCES.
5. GENERAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES.
6. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT. DO NOT SCALE DRAWINGS.
7. GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS, OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF THE WORK.
8. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS FOR PLUMBING, MECHANICAL, AND ELECTRICAL SYSTEMS PRIOR TO INSTALLATION OF SUCH SYSTEMS.

SCOPE OF WORK

PROPOSED STANDALONE RESTAURANT WITH DRIVE-THRU.

SCOPE OF WORK TO INCLUDE EXTERIOR ENVELOPE CONSTRUCTION (FOOTINGS, WALLS, FENESTRATION, STRUCTURE, ROOF, ETC), EXTERIOR BUILDING LIGHTING, ROOFTOP MECHANICAL EQUIPMENT, AND UTILITY STUBS, INTERIOR PARTITIONS, LIGHTING, FIXTURES, EQUIPMENT, FINISHES.

SIGNAGE TO BE PERMITTED SEPARATELY BY OTHERS - ANY REFERENCES HEREIN ARE FOR COORDINATION PURPOSES ONLY.

CIVIL IMPROVEMENTS TO BE PERMITTED SEPARATELY BY OTHERS - ANY REFERENCES HEREIN ARE FOR COORDINATION PURPOSES ONLY.

9. GENERAL CONTRACTOR SHALL RETAIN ONE SET OF PERMIT PLANS ON-SITE TO DOCUMENT ALL CHANGES MADE DURING CONSTRUCTION. THE RECORD DRAWINGS SHALL BE ISSUED TO THE OWNER AT PROJECT CLOSE-OUT AS DESCRIBED IN THE GENERAL REQUIREMENTS OF THE PROJECT MANUAL.
10. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING DELIVERY OF MATERIALS FROM STARBUCKS CONTRACTED THIRD PARTY LOGISTICS DISTRIBUTION SERVICES AND VENDOR DIRECT SHIPMENTS. SEE THE PROJECT MANUAL FOR ADDITIONAL INFORMATION.
11. RESPONSIBILITY FOR SUPPLY AND DELIVERY OF MATERIALS AND EQUIPMENT IS IDENTIFIED IN THE DRAWING SCHEDULE SHEETS UNDER THE COLUMN LABELED "RESPONSIBILITY".
12. FOR THE PURPOSE OF THE DOCUMENTS, TO "INSTALL", SHALL MEAN TO PROVIDE ALL FASTENERS, MISCELLANEOUS HARDWARE, BLOCKING, ELECTRICAL CONNECTIONS, PLUMBING CONNECTIONS AND OTHER ITEMS REQUIRED FOR A COMPLETE AND OPERATIONAL INSTALLATION, UNLESS OTHERWISE NOTED.
13. ALL ITEM SUBSTITUTIONS MUST BE APPROVED BY THE STARBUCKS CONSTRUCTION MANAGER.
14. THE ARCHITECT AND CONSULTANTS HAVE INVESTIGATED THE EXISTING FACILITY IN THEIR PREPARATION OF THESE DOCUMENTS. THIS INVESTIGATION & VERIFICATION HAS BEEN DONE TO THE BEST OF THE ARCHITECT'S ABILITY AS A PROFESSIONAL. AS THIS PROJECT INCLUDES RENOVATION OF AN EXISTING SITE, UNFORESEEN CONDITIONS MAY ARISE DURING THE COURSE OF THE PROJECT, WHICH MAY NOT HAVE BEEN DISCOVERED DURING THE INVESTIGATION & VERIFICATION BY THE ARCHITECT. DISCOVERY OF THESE CONDITIONS WILL NOT BE CONSIDERED A FAULT IN THESE DOCUMENTS, HOWEVER, THE ARCHITECT WILL ASSIST IN THE INCORPORATION OF A RESOLUTION OF THESE HIDDEN CONDITIONS.

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #: 69057
PROJECT #: 94787-001
ISSUE DATE: 12-1-2023
SR. DESIGN MANAGER: L. ALVAREZ-TABIO
PRODUCTION DESIGNER: L. LA SPIA
CHECKED BY: NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
GENERAL INFORMATION

SCALE: AS SHOWN

SHEET NUMBER:
G001

12/5/2023 3:47:56 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

INDOOR SEATING CALCULATIONS

DESCRIPTION	NUMBER OF ITEMS	TOTAL SEATS
TABLE TOP, ROUND	5	5
TABLE TOP, SQUARE	4	8
COMMUNITY TABLE	1	10
LOUNGE SEATING	2	8
ADA SEATING	2	2
LINEAR SEATING	7	20
	TOTAL ACCESSIBLE SEATS	**3**
	TOTAL	**53**

OUTDOOR SEATING

DESCRIPTION	NUMBER OF ITEMS	TOTAL SEATS
LOUNGE SEATING	2	8
TABLE TOP, SQUARE	9	18
ADA SEATING	2	4
	TOTAL ACCESSIBLE SEATS	**2**
	TOTAL	**30**

EGRESS CALCULATION

EXIT WIDTH REQUIRED - 73 OCC X .2	= 15 IN.
EXIT WIDTH PROVIDED	= 108 IN.
EXITS	= 72 IN. PRIMARY ENTRY, 36 IN. SECONDARY ENTRY, 42 IN. WORKROOM
# EXITS REQUIRED	= 2
# EXITS PROVIDED	= 2 + WORKROOM
MAXIMUM ALLOWABLE TRAVEL DISTANCE	= 200' - 0"
MAXIMUM TRAVEL DISTANCE PROVIDED	= 90' - 8"
MINIMUM EXIT SEPARATION	= 86'-11" (MAXIMUM DIAGONAL) / 2 = 43' -5 1/2"
EXIT SEPARATION PROVIDED	= 43'-8".

PLUMBING FIXTURE CALCULATION

CHAPTER 29-29023 (FOR REFERNCE ONLY)

OCCUPANCY	MALE	FEMALE	TOTAL	73 OCC. + 30 EXT. SEATING = 103 103/2=52			
	52 OCC	52 OCC	**103 OCC**				
FIXTURES	WATERCLOSETS			URINALS	LAVATORIES		WATER FOUNTAIN
	1 PER 75 M, 1 PER 75 F			67%	1 LAV PER 200 F, 1 LAV...		ADD REQ.
	REQUIRED:	1 M	1 F	N/A	1 M	1 F	0
	PROVIDED:	1 M	1 F	N/A	1 M	1 F	0

OCCUPANCY

CAFE: 580 SF / 15	39 OCC
STANDING: 44 SF / 5	8 OCC
BAR:554 SF / 200	3 OCC
WORKROOM: 760 SF / 300	3 OCC
LINEAR SEATING: 354 IN / 18	20 OCC
TOTAL OCC LOAD:	**73 OCC**

PLAN NOTES

A. GENERAL CONTRACTOR TO SCHEDULE WITH REFRIGERATION CONTRACTOR TO CONDUCT INITIAL FOOD CASE START-UP AND TESTING. FOR APPROVED CONTRACTOR, CONTACT THE VENDOR.

B. THE SPACE IS SERVED BY THE MUNICIPAL WATER AND SEWER SYSTEM UNLESS OTHERWISE NOTED.

C. ALL EQUIPMENT AND INSTALLATION WILL MEET NATIONAL SANITATION FOUNDATION STANDARDS OR EQUIVALENT.

D. EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS OR OVERHANGING EDGES THAT SERVE AS PLACES FOR ACCUMULATION OF DUST, DIRT AND DEBRIS

E. WARMING OVEN(S) SHOWN FOR PERMITTING PURPOSES. INSTALLATION AT STORE OPENING TO BE VERIFIED BY STARBUCKS CONSTRUCTION REPRESENTATIVE.

F. EACH HAND WASHING WILL HAVE A SINGLE SERVICE TOWEL AND SOAP DISPENSER AND ALL HAND SINKS TO HAVE A COMBINATION FAUCET OR PREMIXING FAUCET.

G. REFERENCE INTERIOR SCHEDULE SHEETS (I600 SERIES) FOR ADDITIONAL INFORMATION.

H. PROVIDE SNEEZE GUARDS WHERE REQUIRED BY JURISDICTION.

I. ALL FOOD STORAGE AND DISPLAY SHELVING SHALL BE A MINIMUM 6" (150MM) ABOVE FINISH FLOOR.

LEGEND

- X'-X" (XXMM) — TRAVEL DISTANCE
- BARRIER FREE PATH OF TRAVEL (MIN 3'-0" (915MM) - NO PINCH POINT)
- EMERGENCY LIGHT
- EXIT SIGN
- FIRE EXTINGUISHER
- ADA ACCESSIBLE SEATING 30" (915MM) X 48" (1220MM) CLEAR AREA

KEYED NOTES

1. THRESHOLDS TO BE BARRIER FREE COMPLIANT PER ALL APPLICABLE CODES.
2. BARRIER-FREE PATH OF TRAVEL.
3. 30" (160 MM) X 48" (1220 MM) CLEAR FOR WHEELCHAIR ACCESS.
4. 60" (1525 MM) DIAMETER MINIMUM TURN RADIUS FOR WHEELCHAIR ACCESS.
5. 32" (815 MM) MINIMUM CLEAR AT RESTROOM DOOR.
6. POS TRANSACTION PLANE, CONDIMENT CART TOP AND HAND-OFF PLANE ARE 34 INCHES (860 MM) ABOVE THE FINISHED FLOOR FOR WHEELCHAIR ACCESSIBILITY.
7. PROVIDE BARRIER-FREE SIGNAGE AT ACCESSIBLE RESTROOMS PER ALL APPLICABLE CODES.
8. PROVIDE TACTILE "EXIT" SIGNAGE.
9. PROVIDE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN WHERE REQUIRED BY APPLICABLE LAWS OR CODES.

FINISH SCHEDULE

BAR:

FLOOR: ECO-GRIP FLOORING
WALL: POLYVINYL BASE, BACKSPLASH, WALL TILE, WOOD CLADDING ABOVE
CEILING: PAINTED GYP. BOARD SOFFIT

CAFE:

FLOOR: POLISHED CONCRETE
WALL: COVED TILE BASE, WOOD PANEL, GYPSUM WALL PANEL WALLCOVERING WAINSCOT
CEILING: PAINTED 2X4 ACT TILE

WORKROOM:

FLOOR: ECO-GRIP FLOORING
WALL: FRP WITH POLYVINYL BASE
CEILING: ACOUSTICAL CEILING TILE

RESTROOM:

FLOOR: POLISHED CONCRETE
WALL: COVED TILE BASE, FULL HEIGHT WALL TILE
CEILING: PAINTED GYP. BOARD

MEANS OF EGRESS NOTES

A. EVERY ROOM OR SPACE THAT IS ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT ACCESS DOORWAY. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER AUTHORIZED AGENT. (1004.3)

B. EGRESS SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, CLOSETS OR SIMILAR SPACES. (1014.2)

C. PANIC AND FIRE EXIT HARDWARE, WHERE INSTALLED ON DOORS IN THIS BUILDING SHALL SATISFY THE FOLLOWING (1008.1.10):

1) THE ACTUATION PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.

2) THE MAXIMUM UNLATCHING FORCE DOES NOT EXCEED 15 POUNDS (6.8 KG).

3) PIVOTED OR BALANCED DOORS SHALL BE OF THE PUSH-PAD TYPE WHERE PANIC HARDWARE IS REQUIRED AND THE PAD SHALL NOT EXTEND ACROSS MORE THAN ONE-HALF OF THE DOOR WIDTH, MEASURED FROM THE LATCH SIDE.

4) PANIC HARDWARE LISTED IN ACCORDANCE WITH UL 305.

5) FIRE EXIT HARDWARE LISTED IN ACCORDANCE WITH UL 10C AND UL 305.

D. STRUCTURAL ELEMENTS, FIXTURES OR FURNISHINGS SHALL NOT PROJECT HORIZONTALLY FROM EITHER SIDE MORE THAN 4 INCHES (100 MM) OVER ANY WALKING SURFACE BETWEEN 27 INCHES (685 MM) AND 80 INCHES (2030 MM) ABOVE THE WALKING SURFACE. EXCEPTION: HANDRAILS SERVING STAIRS AND RAMPS ARE PERMITTED TO PROTRUDE 4 1/2 INCHES (115 MM) FROM THE WALL. (1003.3.3)

E. THE PATH OF EGRESS TRAVEL EXITS AND WITHIN EXITS IN THIS BUILDING SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TO THE REQUIREMENTS OF SECTION 1011 AND AS NOTED BELOW:

1) EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL.

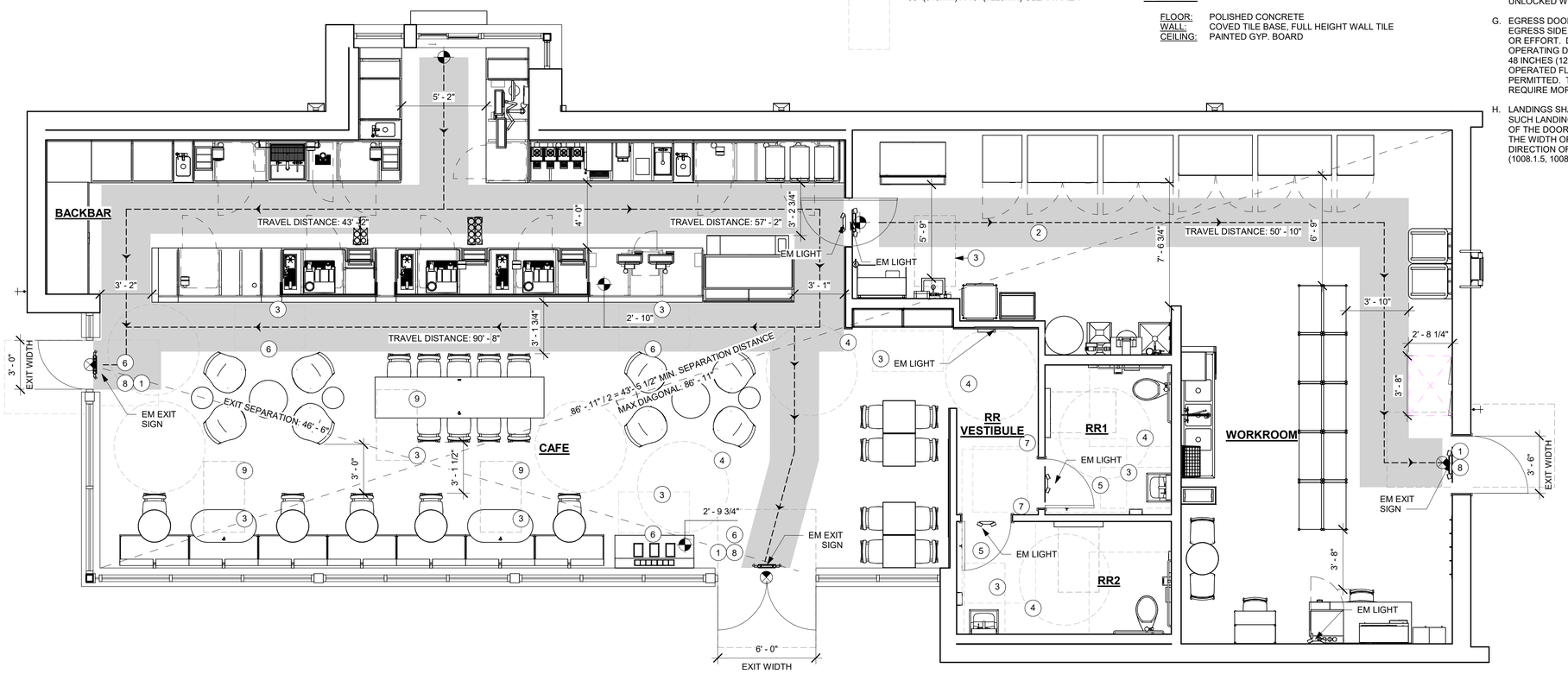
2) EXIT SIGNS SHALL BE LOCATED AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL.

3) NO POINT IN A CORRIDOR SHALL BE MORE THAN 100 FT (30.5 M) OR THE LISTED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN.

F. WHERE KEY OPERATED LOCKING DEVICES ARE USED, POST A SIGN ON OR ADJACENT TO THE REQUIRED MAIN EXIT DOOR WITH 1 INCH (25 MM) LETTERING STATING THAT "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED". (1008.1.9.3)

G. EGRESS DOORS OR GATES SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR EFFORT. DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34 INCHES (860 MM) TO 48 INCHES (1220 MM) ABOVE FINISHED FLOOR. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS ARE NOT PERMITTED. THE UNLATCHING OF ANY DOOR OR LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION. (1008.1.9)

H. LANDINGS SHALL BE PROVIDED ON EACH SIDE OF DOORS AND SUCH LANDING SHALL BE AT THE SAME ELEVATION ON EACH SIDE OF THE DOOR LANDINGS SHALL HAVE A WIDTH NOT LESS THAN THE WIDTH OF THE DOOR AND LENGTH MEASURED IN THE DIRECTION OF TRAVEL OF NOT LESS THAN 44 INCHES (11120 MM). (1008.1.5, 1008.1.6)



LIFE SAFETY & ACCESSIBILITY PLAN

Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

N

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

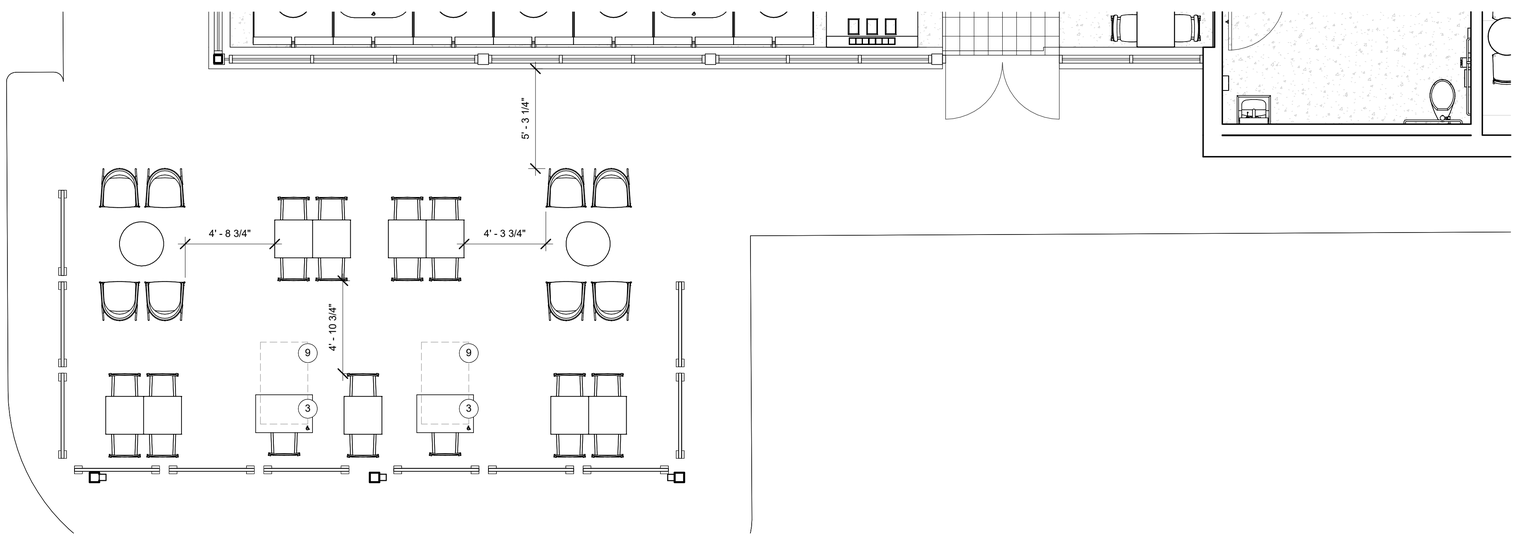
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
LIFE SAFETY ACCESSIBILITY PLAN
SCALE: AS SHOWN

SHEET NUMBER:
G002

12/5/2023 3:48:10 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



LIFE SAFETY & ACCESSIBILITY PLAN

Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

N

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND &
SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
LIFE SAFETY
ACCESSIBILITY PLAN
SCALE: AS SHOWN

SHEET NUMBER:
G002.1

12/5/2023 3:48:11 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

KEYED NOTES

1. REFER TO PENETRATION PLAN FOR FLOOR SINK LOCATIONS
2. ADA COMPLIANT RESTROOM AND ACCESSORIES. SEE ENLARGED RESTROOM PLAN AND ELEVATIONS SHEET FOR ADDITIONAL INFORMATION ON ACCESSIBLE RESTROOM CLEARANCES.

HEALTH DEPT. FINISH SCHEDULE

BAR:

FLOOR: ECO-GRIP FLOORING
WALL: POLYVINYL BASE, BACKSPLASH, WALL TILE, WOOD CLADDING ABOVE
CEILING: PAINTED GYP. BOARD SOFFIT

CAFE:

FLOOR: POLISHED CONCRETE
WALL: COVED TILE BASE, WOOD PANEL, GYPSUM WALL PANEL WALLCOVERING WAINSCOT
CEILING: PAINTED 2X4 ACT TILE

WORKROOM:

FLOOR: ECO-GRIP FLOORING
WALL: FRP WITH POLYVINYL BASE
CEILING: ACOUSTICAL CEILING TILE

RESTROOM:

FLOOR: POLISHED CONCRETE
WALL: COVED TILE BASE, FULL HEIGHT WALL TILE
CEILING: PAINTED GYP. BOARD

FOOD SERVICE PLAN NOTES

A. GENERAL CONTRACTOR TO SCHEDULE WITH LOCAL REFRIGERATION CONTRACTOR TO CONDUCT INITIAL FOOD CASE START-UP AND TESTING. FOR LIST OF APPROVED CONTRACTOR, CONTACT VENDOR.

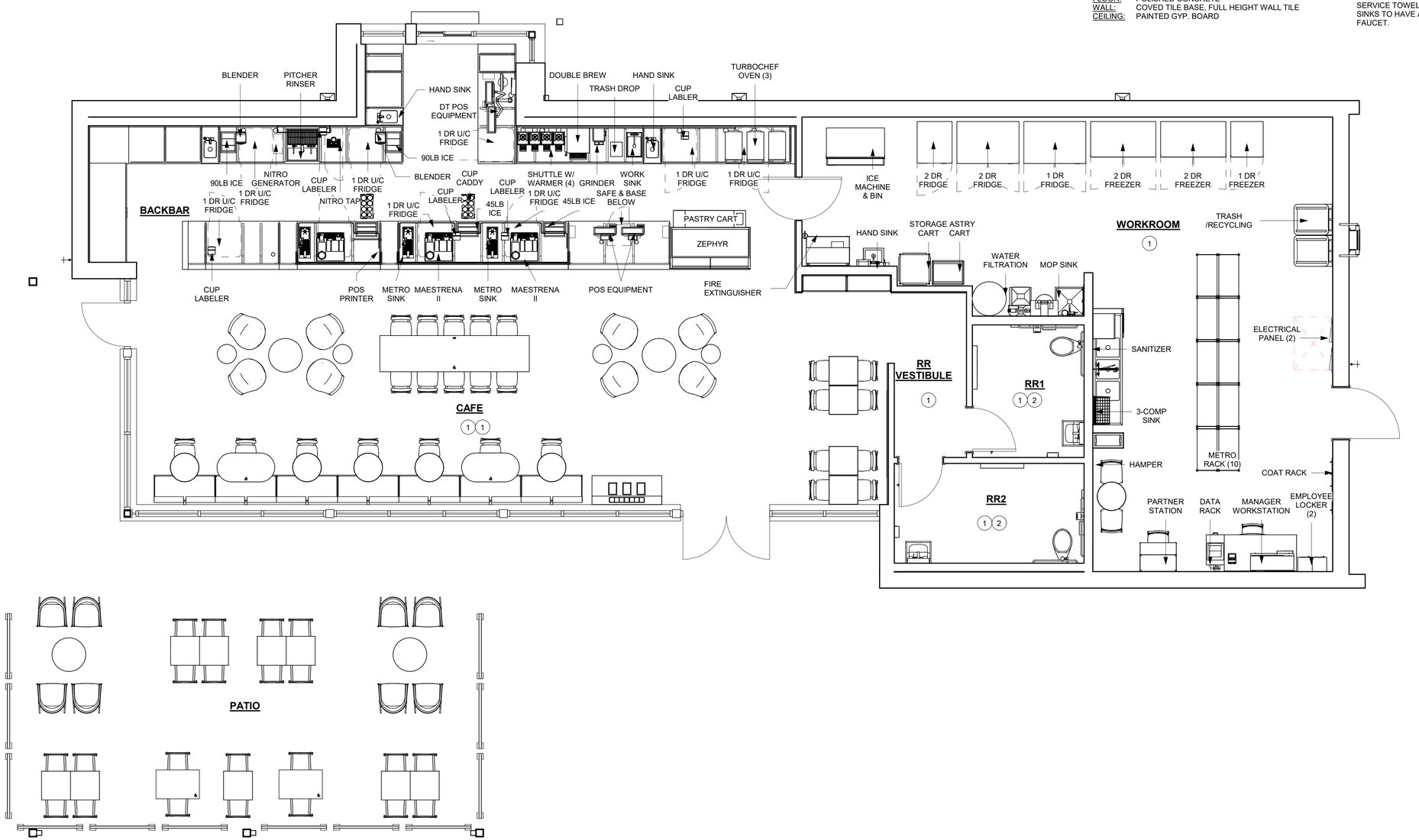
B. THE SPACE IS SERVED BY THE MUNICIPAL WATER AND SEWER SYSTEM UNLESS OTHERWISE NOTED

C. ALL EQUIPMENT AND INSTALLATION WILL MEET NATIONAL SANITATION FOUNDATION STANDARDS OR EQUIVALENT.

D. EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS OR OVERHANGING EDGES THAT SERVE AS PLACES FOR ACCUMULATION OF DUST, DIRT AND DEBRIS.

E. WARMING OVEN(S) SHOWN FOR PERMITTING PURPOSES. INSTALLATION AT STORE OPENING TO BE VERIFIED BY STARBUCKS CONSTRUCTION REPRESENTATIVE.

F. EACH HAND WASHING SINK WILL HAVE A SINGLE SERVICE TOWEL AND SOAP DISPENSER, AND ALL HAND SINKS TO HAVE A COMBINATION FAUCET OR PREMIXING FAUCET.



FOOD SERVICE

Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

N

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

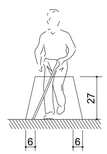
Rev	Date	By	Description

SHEET TITLE:
FOOD SERVICE PLAN

SCALE: AS SHOWN

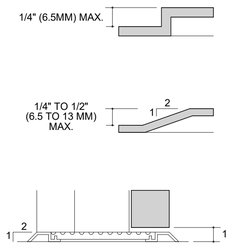
SHEET NUMBER:
G003

12/5/2023 3:48:16 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



CANE TECHNIQUE

CANE TECHNIQUE

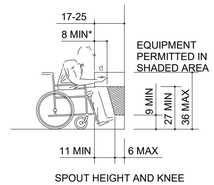


CHANGES IN LEVEL

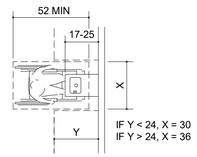
1 SECTION 4.3 ACCESSIBLE ROUTE

Scale: NTS

NOTE:
BOTH HIGH AND LOW FOUNTAINS ARE REQUIRED. NO FEWER THAN 50% WHEELCHAIR ACCESSIBLE; OTHERS ARE TO BE LOCATED AT A STANDARD HEIGHT CONVENIENT TO THOSE WITH DIFFICULTY STOOPING. HIGH-LOW FOUNTAINS ARE REQUIRED WHEN ONLY ONE FOUNTAIN IS APPROVED.



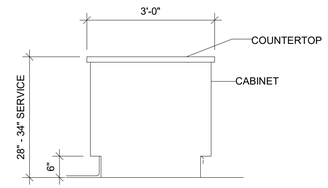
SPOUT HEIGHT AND KNEE CLEARANCE



CLEAR FLOOR SPACE

2 SECTION 4.15 DRINKING FOUNTAINS

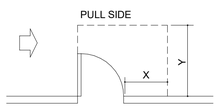
Scale: NTS



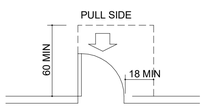
7 TYP SECTION @ COUNTER

Scale: NTS

NOTE: X = 36" MIN. IF Y = 60"
X = 42" MIN. IF Y = 54

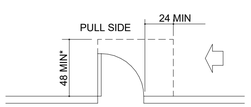


HINGE SIDE APPROACH - SWINGING DOOR

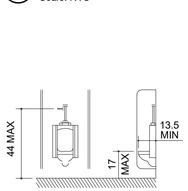


FRONT APPROACH - SWINGING DOOR

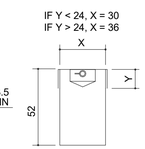
NOTE: *54" MIN.
IF DOOR HAS BOTH A
CLOSER AND LATCH



LATCH SIDE APPROACH - SWINGING DOOR



ELEVATIONS

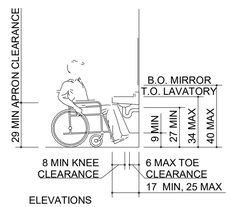


PLAN
30"X52" CLEAR FLOOR SPACE

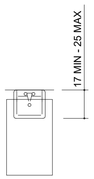
URINAL CLEARANCES

4 SECTION 4.18 URINALS

Scale: NTS



ELEVATIONS

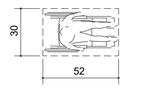


PLAN
30"X52" CLEAR FLOOR SPACE

LAVATORY CLEARANCES

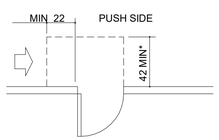
5 SECTION 4.19 LAVATORIES & MIRRORS

Scale: NTS



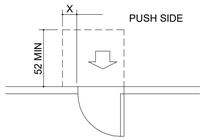
CLEAR FLOOR SPACE

NOTE: *48" MIN.
IF DOOR HAS A
CLOSER



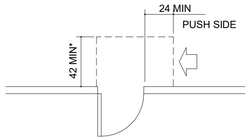
HINGE SIDE APPROACH - SWINGING DOOR

NOTE: X = 12" MIN.
IF DOOR HAS BOTH A
CLOSER AND LATCH

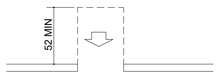


FRONT APPROACH - SWINGING DOOR

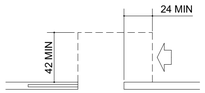
NOTE: *48" MIN.
IF DOOR HAS BOTH A
CLOSER AND LATCH



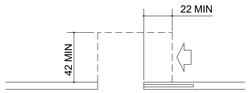
LATCH SIDE APPROACH - HINGED DOOR



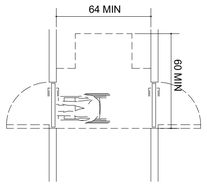
FRONT APPROACH -
SLIDING OR FOLDING DOORS



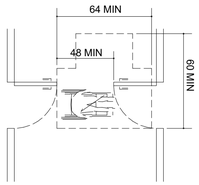
LATCH SIDE APPROACH -
SLIDING OR FOLDING DOORS



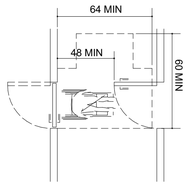
SLIDE SIDE APPROACH -
SLIDING OR FOLDING DOORS



TWO HINGED DOORS IN SERIES



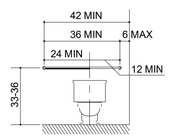
TWO HINGED DOORS IN SERIES



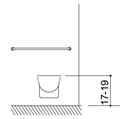
TWO HINGED DOORS IN SERIES

3 SECTION 4.13 DOORS

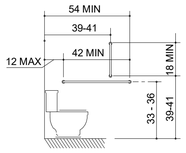
Scale: NTS



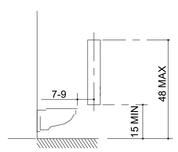
BACK WALL
GRAB BARS AT WATER CLOSETS



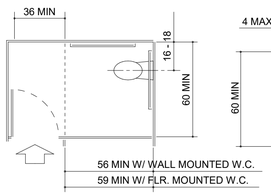
SEAT HEIGHT



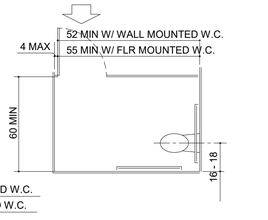
SIDE WALL
GRAB BARS AT WATER CLOSETS



DISPENSER OUTLET LOCATION

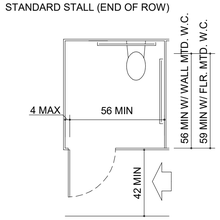


STANDARD STALL (END OF ROW)



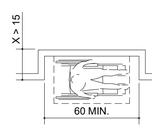
STANDARD STALL (END OF ROW)

ALTERNATIVE STALL

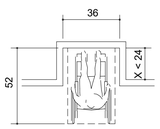


6 SECTION 4.17 TOILET STALLS

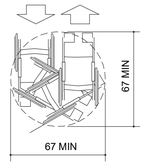
Scale: NTS



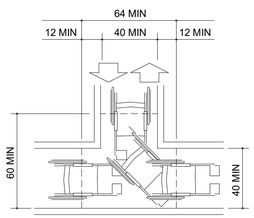
ADDITIONAL MANEUVERING
CLEARANCE FOR ALCOVE



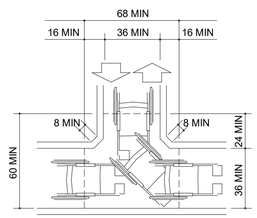
CLEAR FLOOR SPACE
IN ALCOVE



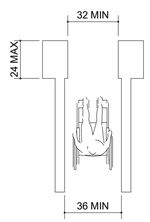
WHEELCHAIR TURNING SPACE



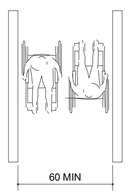
T-SHAPED SPACE FOR
180° TURNS



T-SHAPED SPACE FOR
180° TURNS



MINIMUM CLEAR WIDTH
FOR SINGLE WHEELCHAIR



MINIMUM CLEAR WIDTH
FOR TWO WHEELCHAIRS

8 SECTION 4.2 SPACE ALLOWANCES

Scale: NTS

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

PROJECT NAME:
BIG BEND &
SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ADA DETAILS 2017

SCALE: AS SHOWN

SHEET NUMBER:
G004

12/5/2023 3:48:18 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

NOTE: FOR DESIGN REFERENCE ONLY

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND &
SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
3D VIEWS

SCALE: AS SHOWN

SHEET NUMBER:
G005

NOTE: FOR DESIGN REFERENCE ONLY

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND &
SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
RENDERINGS

SCALE: AS SHOWN

SHEET NUMBER:
G006

12/5/2023 3:48:31 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

GENERAL CONDITIONS

SECTION 014200 - REFERENCES

PART 1 - GENERAL

1.1 INDUSTRY STANDARDS
A. APPLICABILITY OF STANDARDS: UNLESS THE CONTRACT DOCUMENTS INCLUDE MORE STRINGENT REQUIREMENTS, APPLICABLE CONSTRUCTION INDUSTRY STANDARDS HAVE THE SAME FORCE AND EFFECT AS IF BOUND OR COPIED DIRECTLY INTO THE CONTRACT DOCUMENTS TO THE EXTENT REFERENCED. SUCH STANDARDS ARE MADE A PART OF THE CONTRACT DOCUMENTS BY REFERENCE.
B. PUBLICATION DATES: COMPLY WITH STANDARDS IN EFFECT AS OF DATE OF THE CONTRACT DOCUMENTS UNLESS OTHERWISE INDICATED.
C. COPIES OF STANDARDS: EACH ENTITY ENGAGED IN CONSTRUCTION ON PROJECT SHOULD BE FAMILIAR WITH INDUSTRY STANDARDS APPLICABLE TO ITS CONSTRUCTION ACTIVITY. COPIES OF APPLICABLE STANDARDS ARE NOT BOUND WITH THE CONTRACT DOCUMENTS.
1. WHERE COPIES OF STANDARDS ARE NEEDED TO PERFORM A REQUIRED CONSTRUCTION ACTIVITY, OBTAIN COPIES DIRECTLY FROM PUBLICATION SOURCE.

1.2 ABBREVIATIONS AND ACRONYMS
A. INDUSTRY ORGANIZATIONS: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST.

ACI	AMERICAN CONCRETE INSTITUTE
AHA	AMERICAN HARDBOARD ASSOCIATION
AITC	AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APA	APA - THE ENGINEERED WOOD ASSOCIATION
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS
ASTM	ASTM INTERNATIONAL (AMERICAN SOCIETY FOR TESTING AND MATERIALS INTERNATIONAL)
AWI	ARCHITECTURAL WOODWORK INSTITUTE
AWPA	AMERICAN WOOD PROTECTION ASSOCIATION (FORMERLY: AMERICAN WOOD PRESERVERS' ASSOCIATION)
CRI	CARPET AND RUG INSTITUTE (THE)
CRRC	COOL ROOF RATING COUNCIL
CSA	CANADIAN STANDARDS ASSOCIATION
CSA	CSA INTERNATIONAL (FORMERLY: IAS - INTERNATIONAL APPROVAL SERVICES)
CSI	CONSTRUCTION SPECIFICATIONS INSTITUTE (THE)
ETL SEMCO	INTERTEK ETL SEMCO (FORMERLY: ITS - INTERTEK TESTING SERVICE NA)
FM GLOBAL	FM GLOBAL (FORMERLY: FMG - FM GLOBAL)
FSC	FOREST STEWARDSHIP COUNCIL
HPVA	HARDWOOD PLYWOOD & VENEER ASSOCIATION
ISO	INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
ITS	INTERTEK TESTING SERVICE NA (NOW ETL SEMCO)
MFMA	MAPLE FLOORING MANUFACTURERS ASSOCIATION, INC.
MPI	MASTER PAINTERS INSTITUTE
NFPA	NFPA (NATIONAL FIRE PROTECTION ASSOCIATION)
NOFMA	NOFMA: THE WOOD FLOORING MANUFACTURERS ASSOCIATION (FORMERLY: NATIONAL OAK FLOORING MANUFACTURERS ASSOCIATION)
OPL	INTERTAK
SDI	STEEL DOOR INSTITUTE
SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION
UL	UNDERWRITERS LABORATORIES INC.
USGBC	U.S. GREEN BUILDING COUNCIL
WCLIB	WEST COAST LUMBER INSPECTION BUREAU
WI	WOODWORK INSTITUTE (FORMERLY: WIC - WOODWORK INSTITUTE OF CALIFORNIA)

B. CODE AGENCIES: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST.

DIN	DEUTSCHES INSTITUT FUR NORMUNG E.V.
ICC	INTERNATIONAL CODE COUNCIL
ICC-ES	ICC EVALUATION SERVICE, INC.

C. FEDERAL GOVERNMENT AGENCIES: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST.

EPA	ENVIRONMENTAL PROTECTION AGENCY

D. STANDARDS AND REGULATIONS: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE STANDARDS AND REGULATIONS IN THE FOLLOWING LIST.

ADAAG	AMERICANS WITH DISABILITIES ACT (ADA) ARCHITECTURAL BARRIERS ACT (ABA) ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES AVAILABLE FROM U.S. ACCESS BOARD
CFR	CODE OF FEDERAL REGULATIONS AVAILABLE FROM GOVERNMENT PRINTING OFFICE

E. STATE GOVERNMENT AGENCIES: WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES IN THE FOLLOWING LIST.

CDHS	CALIFORNIA DEPARTMENT OF HEALTH SERVICES
CDPH	CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, INDOOR AIR QUALITY SECTION

END OF SECTION 014200

GENERAL CONDITIONS

SECTION 017419 - CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL

1.1 SUMMARY
A. SALVAGING NONHAZARDOUS DEMOLITION AND CONSTRUCTION WASTE.
B. RECYCLING NONHAZARDOUS DEMOLITION AND CONSTRUCTION WASTE.
C. DISPOSING OF NONHAZARDOUS DEMOLITION AND CONSTRUCTION WASTE.

1.2 DEFINITIONS
A. CONSTRUCTION WASTE: BUILDING AND SITE IMPROVEMENT MATERIALS AND OTHER SOLID WASTE RESULTING FROM CONSTRUCTION, REMODELING, RENOVATION, OR REPAIR OPERATIONS. CONSTRUCTION WASTE INCLUDES PACKAGING.
B. DEMOLITION WASTE: BUILDING AND SITE IMPROVEMENT MATERIALS RESULTING FROM DEMOLITION OR SELECTIVE DEMOLITION OPERATIONS.
C. DISPOSAL: REMOVAL OFF-SITE OF DEMOLITION AND CONSTRUCTION WASTE AND SUBSEQUENT SALE, RECYCLING, REUSE, OR DEPOSIT IN LANDFILL OR INCINERATOR ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
D. RECYCLE: RECOVERY OF DEMOLITION OR CONSTRUCTION WASTE FOR SUBSEQUENT PROCESSING IN PREPARATION FOR REUSE.
E. SALVAGE: RECOVERY OF DEMOLITION OR CONSTRUCTION WASTE AND SUBSEQUENT SALE OR REUSE IN ANOTHER FACILITY.
F. SALVAGE AND REUSE: RECOVERY OF DEMOLITION OR CONSTRUCTION WASTE AND SUBSEQUENT INCORPORATION INTO THE WORK.

1.3 ACTION SUBMITTALS
A. WASTE MANAGEMENT PLAN: SUBMIT PLAN WITHIN 7 DAYS OF DATE ESTABLISHED FOR COMMENCEMENT OF THE WORK.
1. TYPES AND QUANTITIES OF DEMOLITION AND CONSTRUCTION WASTE.
2. TYPE OF WASTE AND WHETHER IT WILL BE SALVAGED, RECYCLED, OR DISPOSED OF IN LANDFILL OR INCINERATOR.
3. NET ADDITIONAL COST OR NET SAVINGS RESULTING FROM WASTE MANAGEMENT PLAN.

1.4 INFORMATION SUBMITTALS
A. WASTE REDUCTION PROGRESS REPORTS: CONCURRENT WITH EACH APPLICATION FOR PAYMENT. SUBMIT REPORT INDICATING TYPE OF WASTE AND WHETHER IT HAS BEEN SALVAGED, RECYCLED, OR DISPOSED OF IN LANDFILL OR INCINERATOR.
B. WASTE DISPOSAL RECORDS: INDICATE RECEIPT AND ACCEPTANCE OF WASTE MATERIAL BY ACCEPTING AND PROCESSING FACILITIES LICENSED TO ACCEPT THEM. INCLUDE MANIFESTS, TYPE OF MATERIAL, WEIGHT OR VOLUME TICKETS, RECEIPTS, AND INVOICES.
C. LEED SUBMITTAL: CWM REPORTING TEMPLATE, TABULATING TOTAL WASTE MATERIAL, QUANTITIES DIVERTED AND MEANS BY WHICH IT IS DIVERTED, AND STATEMENT THAT REQUIREMENTS FOR THE CREDIT HAVE BEEN MET.

1.5 RECYCLING WASTE
A. RECYCLING INCENTIVES: REVENUES AND OTHER INCENTIVES FOR RECYCLING WILL ACCRUE TO OWNER.

END OF SECTION 017419

GENERAL CONDITIONS

SECTION 019113 - GENERAL COMMISSIONING REQUIREMENTS

1.1 SUMMARY
A. COMMISSIONING TEAM:
1. MEMBERS REPRESENTING CONTRACTOR, INCLUDING PROJECT SUPERINTENDENT AND SUBCONTRACTORS, INSTALLERS, SUPPLIERS, AND SPECIALISTS.
2. MEMBERS REPRESENTING OWNER, INCLUDING COMMISSIONING AGENT (CXA), FACILITY USER AND OPERATION AND MAINTENANCE PERSONNEL, AND ARCHITECT AND ENGINEERING DESIGN PROFESSIONALS.
B. CONTRACTOR'S RESPONSIBILITIES: CONTRACTOR SHALL ASSIGN REPRESENTATIVES WITH EXPERTISE AND AUTHORITY TO ACT ON ITS BEHALF AND SHALL SCHEDULE THEM TO PARTICIPATE IN AND PERFORM COMMISSIONING PROCESS ACTIVITIES INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
1. INTEGRATE AND COORDINATE COMMISSIONING PROCESS ACTIVITIES WITH CONSTRUCTION SCHEDULE.
2. REVIEW AND ACCEPT COMMISSIONING CHECKLISTS AND PROCESS TEST PROCEDURES PROVIDED BY THE COMMISSIONING AGENT (CXA).
3. SUPPORT COMMISSIONING INSTALLATION REVIEW AND PROCESS TEST PROCEDURES.
4. EVALUATE INSTALLATION AND PERFORMANCE DEFICIENCIES IDENTIFIED IN REPORTS AND, IN COLLABORATION WITH ENTITY RESPONSIBLE FOR SYSTEM AND EQUIPMENT INSTALLATION, RECOMMEND CORRECTIVE ACTION.
5. COOPERATE WITH THE COMMISSIONING TEAM FOR RESOLUTION OF ISSUES RECORDED IN THE ISSUES LOG.
C. COMMISSIONING AGENT'S (CXA'S) RESPONSIBILITIES:
1. ORGANIZE AND LEAD COMMISSIONING TEAM.
2. PROVIDE AND MANAGE COMMISSIONING PLAN.
3. PROVIDE PROJECT-SPECIFIC CHECKLISTS AND TEST PROCEDURES.
4. WITNESS, PREPARE AND MAINTAIN COMPLETED INSTALLATION VERIFICATION CHECKLISTS.
5. WITNESS SYSTEMS, ASSEMBLIES, EQUIPMENT, AND COMPONENT STARTUP.
6. WITNESS, PREPARE, AND MAINTAIN COMPLETED FUNCTIONAL TESTING CHECKLISTS.
7. PREPARE AND MAINTAIN THE ISSUES LOG.
8. COMPILE COMMISSIONING DOCUMENTS, RESULTS, AND DEFICIENCIES; INCLUDE THEM IN THE SYSTEMS MANUAL AND COMMISSIONING SUMMARY REPORT.
9. REVIEW COMMISSIONING REPORT WITH COMMISSIONING TEAM AND IMPLEMENT PLAN TO RESOLVE DEFICIENCIES.

END OF SECTION 019113

CONCRETE

SECTION 033000 - CAST-IN-PLACE CONCRETE

1.1 SUMMARY
A. CAST-IN-PLACE CONCRETE, INCLUDING FORMWORK, REINFORCEMENT, CONCRETE MATERIALS, MIXTURE DESIGN, PLACEMENT PROCEDURES, AND FINISHES, FOR THE FOLLOWING:
1. FOOTINGS.
2. FOUNDATION WALLS.
3. SLABS-ON-GRADE.

1.2 SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
B. SHOP DRAWINGS:
1. REINFORCING: PLACING DRAWINGS THAT DETAIL FABRICATION, BENDING, AND PLACEMENT. INCLUDE BAR SIZES, LENGTHS, MATERIAL, GRADE, BAR SCHEDULES, STIRRUP SPACING, BENT BAR DIAGRAMS, BAR ARRANGEMENT, SPLICES AND LAPS, MECHANICAL CONNECTIONS, TIE SPACING, HOOP SPACING, AND SUPPORTS FOR CONCRETE REINFORCEMENT.
2. SLAB LAYOUTS: DIMENSION LOCATIONS OF CONTROL, EXPANSION, AND CONSTRUCTION JOINTS. RELATE TO BUILDING GRID LINES.
C. DESIGN MIXTURES: FOR EACH CONCRETE MIXTURE. SUBMIT ALTERNATE DESIGN MIXTURES WHEN CHARACTERISTICS OF MATERIALS, PROJECT CONDITIONS, WEATHER, TEST RESULTS, OR OTHER CIRCUMSTANCES WARRANT ADJUSTMENTS.
1. INDICATE AMOUNTS OF MIXING WATER TO BE WITHHELD FOR LATER ADDITION AT PROJECT SITE.
D. CERTIFICATIONS: SUBMIT MILL CERTIFICATES FOR CEMENT, AGGREGATES, AND REINFORCING.

1.3 MATERIALS
A. STEEL REINFORCEMENT:
1. REINFORCING BARS: DEFORMED.
a. MINIMUM RECYCLED CONTENT: 60%
2. PLAIN-STEEL WELDED WIRE REINFORCEMENT: ASTM A 185, PLAIN, FABRICATED FROM AS-DRAWN STEEL WIRE INTO FLAT SHEETS.
B. CONCRETE MATERIALS:
1. PORTLAND CEMENT: ASTM C 150, TYPE I, GRAY, SUPPLEMENT WITH THE FOLLOWING:
a. FLY ASH: ASTM C 618, CLASS F OR C.
b. GROUND GRANULATED BLAST-FURNACE SLAG: ASTM C 989, GRADE 100 OR 120.
2. AGGREGATE: NORMAL WEIGHT.
3. WATER: ASTM C 94/C 94M.
4. ADMIXTURES: PROVIDE ADMIXTURES CERTIFIED BY MANUFACTURER TO BE COMPATIBLE WITH OTHER ADMIXTURES AND THAT WILL NOT CONTRIBUTE WATER-SOLUBLE CHLORIDE IONS EXCEEDING THOSE PERMITTED IN HARDENED CONCRETE. DO NOT USE CALCIUM CHLORIDE OR ADMIXTURES CONTAINING CALCIUM CHLORIDE.
a. AIR-ENTRAINMENT: ASTM C 260.
b. WATER-REDUCING ADMIXTURE: ASTM C 494/C 494M, TYPE A.
c. HIGH-RANGE, WATER-REDUCING ADMIXTURE: ASTM C 494/C494M, TYPE F.
C. WATERSTOPS: FLEXIBLE RUBBER.
D. PLASTIC VAPOR RETARDER: ASTM E 1745, CLASS A. INCLUDE MANUFACTURER'S RECOMMENDED ADHESIVE OR PRESSURE-SENSITIVE JOINT TAPE.
E. CURING MATERIALS: WATERBORNE, MONOMOLECULAR FILM FORMING, MANUFACTURED FOR APPLICATION TO FRESH CONCRETE.
F. RELATED MATERIALS:
1. EXPANSION- AND ISOLATION-JOINT-FILLER STRIPS ASTM D 1751, ASPHALT-SATURATED CELLULOSIC FIBER OR ASTM D 1752, CORK OR SELF-EXPANDING CORK.
2. BONDING AGENT: ASTM C 1059/C 1059M, TYPE II, NON-REDISPERSIBLE, ACRYLIC EMULSION OR STYRENE BUTADIENE.
3. NON-SHRINK GROUTS: ASTM C 1107, GRADE B; NON-SHRINK NON-CATALYZED NATURAL AGGREGATE GROUT; MINIMUM COMPRESSIVE STRENGTH OF 7000 PSI AT 28 DAYS; 25 TO 30 SECOND FLOW WHEN TESTED IN ACCORDANCE WITH ASTM C 939 AT 45 TO 90 DEGREES F; CEMENT GRAY IN COLOR
4. FORM RELEASE COATING: WATER BASED TYPE; VOC <150G/l; NOX-CRETE "UTILITY RELEASE. CRESSET CHEMICAL COMPANY CRETE 20_VOC," OR APPROVED; NON STAINING.
G. REPAIR MATERIALS:
1. REPAIR UNDERLAYMENT: CEMENT-BASED, POLYMER-MODIFIED, SELF-LEVELING PRODUCT THAT CAN BE APPLIED IN THICKNESSES FROM 1/8 INCH(3.2 MM) AND THAT CAN BE FEATHERED AT EDGES TO MATCH ADJACENT FLOOR ELEVATIONS.
a. CEMENT BINDER: ASTM C 150, PORTLAND CEMENT OR HYDRAULIC OR BLENDED HYDRAULIC CEMENT AS DEFINED IN ASTM C 219.
b. PRIMER: PRODUCT OF UNDERLAYMENT MANUFACTURER RECOMMENDED FOR SUBSTRATE, CONDITIONS, AND APPLICATION.
c. AGGREGATE: WELL-GRADED, WASHED GRAVEL, 1/8 TO 1/4 INCH (3.2 TO 6 MM) OR COARSE SAND AS RECOMMENDED BY UNDERLAYMENT MANUFACTURER.
D. COMPRESSIVE STRENGTH: NOT LESS THAN 4000 PSI AT 28 DAYS WHEN TESTED ACCORDING TO ACI 301 AND ACU 318 FOR INTERIOR SLABS ON GRADE AND FOOTINGS AND FOUNDATION WALLS [EXPOSURE CATEGORY: F0]. NOT LESS THAN 4500 PSI AT 28 DAYS FOR EXTERIOR SLABS ON GRADE [EXPOSURE CATEGORY F2].
2. REPAIR OVERLAYMENT: CEMENT-BASED, POLYMER-MODIFIED, SELF-LEVELING PRODUCT THAT CAN BE APPLIED IN THICKNESSES FROM 1/8 INCH(3.2 MM) AND THAT CAN BE FEATHERED AT EDGES TO MATCH ADJACENT FLOOR ELEVATIONS.
a. CEMENT BINDER: ASTM C 150, PORTLAND CEMENT OR HYDRAULIC OR BLENDED HYDRAULIC CEMENT AS DEFINED IN ASTM C 219.
b. PRIMER: PRODUCT OF TOPPING MANUFACTURER RECOMMENDED FOR SUBSTRATE, CONDITIONS, AND APPLICATION.
c. AGGREGATE: WELL-GRADED, WASHED GRAVEL, 1/8 TO 1/4 INCH (3.2 TO 6 MM) OR COARSE SAND AS RECOMMENDED BY TOPPING MANUFACTURER.
d. COMPRESSIVE STRENGTH: NOT LESS THAN 5000 PSI(34.5 MPA) AT 28 DAYS WHEN TESTED ACCORDING TO ASTM C 109/C 109M.

1.4 INSTALLATION
A. FLOOR AND SLAB FINISHES:
1. FLOAT: SURFACES TO RECEIVE TROWEL FINISH.
2. TROWEL: SURFACES EXPOSED TO VIEW, AND SURFACES TO BE COVERED WITH RESILIENT FLOORING, CARPET, CERAMIC OR QUARRY TILE SET OVER A CLEAVAGE MEMBRANE, PAINT, OR ANOTHER THIN-FILM-FINISH COATING SYSTEM.
3. TROWEL AND FINE BROOM: SURFACES TO BE COVERED WITH CERAMIC OR QUARRY TILE INSTALLED BY EITHER THICKSET OR THIN-SET METHOD.
4. BROOM: EXTERIOR CONCRETE PLATFORMS, PATIO, STEPS AND RAMPS.

1.5 FIELD QUALITY CONTROL
A. TESTING: BY OWNER-ENGAGED AGENCY.
B. INSPECTIONS: BY OWNER-ENGAGED SPECIAL INSPECTOR.

END OF SECTION 033000

CONCRETE

SECTION 033500 - CONCRETE FINISHING

1.1 SUBMITTALS
A. QUALIFICATION DATA: FOR QUALIFIED APPLICATOR.
B. MATERIAL CERTIFICATES.

1.2 FLOOR AND SLAB TREATMENTS
A. VOC CONTENT: FLOOR TREATMENTS SHALL HAVE A VOC CONTENT OF 200 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
B. UNPIGMENTED MINERAL DRY-SHAKE FLOOR HARDENER: FACTORY-PACKAGED DRY COMBINATION OF PORTLAND CEMENT, GRADED QUARTZ AGGREGATE, AND PLASTICIZING ADMIXTURE.
C. PIGMENTED MINERAL DRY-SHAKE FLOOR HARDENER: FACTORY-PACKAGED, DRY COMBINATION OF PORTLAND CEMENT, GRADED QUARTZ AGGREGATE, COLOR PIGMENTS, AND PLASTICIZING ADMIXTURE. USE COLOR PIGMENTS THAT ARE FINELY GROUND, NONFADING MINERAL OXIDES INTERGROUND WITH CEMENT.

1.3 LIQUID FLOOR TREATMENTS
A. VOC CONTENT: LIQUID FLOOR TREATMENTS SHALL HAVE A VOC CONTENT OF 200 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
B. PENETRATING LIQUID FLOOR TREATMENT: CLEAR, CHEMICALLY REACTIVE, WATERBORNE SOLUTION OF INORGANIC SILICATE OR SILICONATE MATERIALS AND PROPRIETARY COMPONENTS; ODORLESS; THAT PENETRATES, HARDENS, AND DENSIFIES CONCRETE SURFACES.
C. PENETRATING LIQUID FLOOR TREATMENTS FOR POLISHED CONCRETE FINISH: CLEAR, WATERBORNE SOLUTION OF INORGANIC SILICATE OR SILICONATE MATERIALS AND PROPRIETARY COMPONENTS; ODORLESS; THAT PENETRATES, HARDENS, AND IS SUITABLE FOR POLISHED CONCRETE SURFACES.

1.4 INSTALLATION
A. DRY-SHAKE FLOOR HARDENER FINISH: AFTER INITIAL FLOATING, APPLY DRY-SHAKE FLOOR HARDENER TO SURFACES
B. PENETRATING LIQUID FLOOR TREATMENT: PREPARE, APPLY, AND FINISH PENETRATING LIQUID FLOOR TREATMENT ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
C. SEALING COAT: UNIFORMLY APPLY A CONTINUOUS SEALING COAT OF CURING AND SEALING COMPOUND TO HARDENED CONCRETE BY POWER SPRAY OR ROLLER ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
D. PROTECT LIQUID FLOOR TREATMENT FROM DAMAGE AND WEAR DURING THE REMAINDER OF CONSTRUCTION PERIOD. USE PROTECTIVE METHODS AND MATERIALS, INCLUDING TEMPORARY COVERING, RECOMMENDED IN WRITING BY LIQUID FLOOR TREATMENTS INSTALLER.

END OF SECTION 033500

CONCRETE

SECTION 035416 - HYDRAULIC-CEMENT-BASED UNDERLAYMENT

1.1 SUMMARY
A. HYDRAULIC-CEMENT-BASED UNDERLAYMENT FOR USE BELOW INTERIOR FLOOR COVERINGS.

1.2 MATERIALS
A. UNDERLAYMENT: HYDRAULIC-CEMENT-BASED, POLYMER-MODIFIED, SELF-LEVELING PRODUCT THAT CAN BE APPLIED IN MINIMUM UNIFORM THICKNESS OF 1/4 INCH (6 MM) AND THAT CAN BE FEATHERED AT EDGES TO MATCH ADJACENT FLOOR ELEVATIONS.
1. CEMENT BINDER: PORTLAND CEMENT, OR OTHER HYDRAULIC OR BLENDED HYDRAULIC CEMENT.
B. PRIMER: PRODUCT OF UNDERLAYMENT MANUFACTURER RECOMMENDED IN WRITING FOR SUBSTRATE, CONDITIONS, AND APPLICATION INDICATED.
1. PRIMER SHALL HAVE A VOC CONTENT OF 200 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D.

END OF SECTION 035416

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
OUTLINE SPECIFICATIONS
SCALE: AS SHOWN

SHEET NUMBER:
G007

12/5/2023 3:48:32 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

FINISHES

SECTION 092216 - NON-STRUCTURAL STEEL FRAMING

1.1 SUMMARY
- A. NON-LOAD-BEARING STEEL FRAMING MEMBERS FOR INTERIOR FRAMING SYSTEMS.

1.2 MATERIALS
- A. STEEL FRAMING FOR FRAMED ASSEMBLIES:
- B. FRAMING MEMBERS, GENERAL: COMPLY WITH ASTM C 754 FOR CONDITIONS INDICATED.
  1. STEEL SHEET COMPONENTS: COMPLY WITH ASTM C 645 REQUIREMENTS FOR METAL, UNLESS OTHERWISE INDICATED.
  2. PROTECTIVE COATING: COATING WITH EQUIVALENT CORROSION RESISTANCE OF ASTM A 653/A 653M, G40 (Z120), HOT-DIP GALVANIZED, UNLESS OTHERWISE INDICATED.

1.3 STEEL FRAMING FOR FRAMED ASSEMBLIES
- A. SALVAGED MATERIAL: USE SALVAGED FRAMING MATERIALS WHENEVER AVAILABLE.
- B. STEEL STUDS AND RUNNERS: ASTM C 645.
  1. MINIMUM BASE-METAL THICKNESS: 0.033 INCH (0.84 MM) UNLESS OTHERWISE INDICATED ON DRAWINGS.
  2. DEPTH: AS INDICATED ON DRAWINGS.
- C. DIMPLED STEEL STUDS AND RUNNERS:
  1. MINIMUM BASE-METAL THICKNESS: 0.025 INCH (0.64 MM).
  2. DEPTH: AS INDICATED ON DRAWINGS.
- D. SLIP-TYPE HEAD JOINTS: WHERE INDICATED, PROVIDE ONE OF THE FOLLOWING:
  1. SINGLE LONG-LEG RUNNER SYSTEM: ASTM C 645 TOP RUNNER WITH 2-INCH- (50.8-MM-) DEEP FLANGES IN THICKNESS NOT LESS THAN INDICATED FOR STUDS, INSTALLED WITH STUDS FRICTION FIT INTO TOP RUNNER AND WITH CONTINUOUS BRIDGING LOCATED WITHIN 12 INCHES (305 MM) OF THE TOP OF STUDS TO PROVIDE LATERAL BRACING.
  2. DOUBLE-RUNNER SYSTEM: ASTM C 645 TOP RUNNERS, INSIDE RUNNER WITH 2-INCH- (50.8-MM-) DEEP FLANGES IN THICKNESS NOT LESS THAN INDICATED FOR STUDS AND FASTENED TO STUDS, AND OUTER RUNNER SIZED TO FRICTION FIT INSIDE RUNNER.
  3. DEFLECTION TRACK: STEEL SHEET TOP RUNNER MANUFACTURED TO PREVENT CRACKING OF FINISHES APPLIED TO INTERIOR PARTITION FRAMING RESULTING FROM DEFLECTION OF STRUCTURE ABOVE; IN THICKNESS NOT LESS THAN INDICATED FOR STUDS AND IN WIDTH TO ACCOMMODATE DEPTH OF STUDS.
- E. COLD-ROLLED CHANNEL BRIDGING: 0.0538-INCH (1.37-MM) BARE-STEEL THICKNESS, WITH MINIMUM 1/2-INCH- (12.7-MM-) WIDE FLANGES.
  1. DEPTH: 1-1/2 INCHES (38.1 MM).
  2. CLIP ANGLE: NOT LESS THAN 1-1/2 BY 1-1/2 INCHES (38.1 BY 38.1 MM), 0.068-INCH- (1.73-MM-) THICK, GALVANIZED STEEL.
- F. HAT-SHAPED, RIGID FURRING CHANNELS: ASTM C 645.
  1. MINIMUM BASE METAL THICKNESS: AS INDICATED ON DRAWINGS.
  2. DEPTH: AS INDICATED ON DRAWINGS.
- G. COLD-ROLLED FURRING CHANNELS: 0.0538-INCH (1.37-MM) BARE-STEEL THICKNESS, WITH MINIMUM 1/2-INCH- (12.7-MM-) WIDE FLANGES.
  1. DEPTH: AS INDICATED ON DRAWINGS.
  2. FURRING BRACKETS: ADJUSTABLE, CORRUGATED-EDGE TYPE OF STEEL SHEET WITH MINIMUM BARE-STEEL THICKNESS OF 0.0312 INCH (0.79 MM).
  3. TIE WIRE: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER, 0.0625-INCH- (1.59-MM-) DIAMETER WIRE, OR DOUBLE STRAND OF 0.0475-INCH- (1.21-MM-) DIAMETER WIRE.
- H. Z-SHAPED FURRING: WITH SLOTTED OR NONSLOTTED WEB, FACE FLANGE OF 1-1/4 INCHES (31.8 MM), WALL ATTACHMENT FLANGE OF 7/8 INCH (22.2 MM), MINIMUM BARE-METAL THICKNESS OF 0.0179 INCH (0.45 MM), AND DEPTH REQUIRED TO FIT INSULATION THICKNESS INDICATED.

END OF SECTION 092216

FINISHES

SECTION 092900 - GYPSUM BOARD

1.1 SUMMARY
- A. INTERIOR GYPSUM BOARD.
- B. TILE BACKING PANELS.

1.2 SUBMITTALS
- A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
- B. SAMPLES: FOR THE FOLLOWING PRODUCTS:
  1. TEXTURED FINISHES: MANUFACTURER'S STANDARD SIZE FOR EACH TEXTURED FINISH INDICATED AND ON SAME BACKING INDICATED FOR WORK.

1.3 MATERIALS
- A. INTERIOR GYPSUM BOARD:
  1. GENERAL: COMPLYING WITH ASTM C 36/C 36M OR ASTM C 1396/C 1396M, AS APPLICABLE TO TYPE OF GYPSUM BOARD INDICATED AND WHICHEVER IS MORE STRINGENT.
     - a. MUST BE CERTIFIED AS LOW EMITTING. CERTIFICATION MUST BE BASED UPON THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS, INCLUDING 2004 ADDENDA OR A JURISDICTIONALLY RECOGNIZED STANDARD USING EQUIVALENT TESTING METHODOLOGIES AND VOC THRESHOLDS.
  2. TYPE X:
     - A. THICKNESS: 5/8 INCH (15.9 MM).
     - B. LONG EDGES: TAPERED.
  3. MOISTURE- AND MOLD-RESISTANT TYPE: WITH MOISTURE- AND MOLD-RESISTANT CORE AND SURFACES.
     - A. CORE: 5/8 INCH(15.9 MM), TYPE X.
     - B. LONG EDGES: TAPERED.
     - C. MOLD RESISTANCE: ASTM D 3273, SCORE OF 10 AS RATED ACCORDING TO ASTM D 3274.
- B. TILE-BACKING PANELS:
  1. GLASS-MAT, WATER-RESISTANT BACKING BOARD: ASTM C 1178/C 1178M, WITH MANUFACTURER'S STANDARD EDGES.
     - A. MUST BE CERTIFIED AS LOW EMITTING. CERTIFICATION MUST BE BASED UPON THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS, INCLUDING 2004 ADDENDA OR A JURISDICTIONALLY RECOGNIZED STANDARD USING EQUIVALENT TESTING METHODOLOGIES AND VOC THRESHOLDS.
     - B. CORE: 5/8 INCH (15.9 MM), TYPE X.
     - C. MOLD RESISTANCE: ASTM D 3273, SCORE OF 10 AS RATED ACCORDING TO ASTM D 3274.
  2. CEMENTITIOUS BACKER UNITS: ANSI A118.9 AND ASTM C 1288 OR 1325, WITH MANUFACTURER'S STANDARD EDGES.
     - A. THICKNESS: AS INDICATED.
     - B. MOLD RESISTANCE: ASTM D 3273, SCORE OF 10 AS RATED ACCORDING TO ASTM D 3274.
- C. TRIM ACCESSORIES:
  - A. INTERIOR: CORNERBEAD.

END OF SECTION 092900

METALS

SECTION 055000 - METAL FABRICATIONS

1.1 SUMMARY
- A. STEEL FRAMING AND SUPPORTS FOR MECHANICAL AND ELECTRICAL EQUIPMENT.
- B. STEEL FRAMING AND SUPPORTS FOR APPLICATIONS WHERE FRAMING AND SUPPORTS ARE NOT SPECIFIED IN OTHER SECTIONS.
- C. SHELF ANGLES.
- D. METAL BOLLARDS.

1.2 SUBMITTALS
- A. PRODUCT DATA: FOR THE FOLLOWING:
  1. PAINT PRODUCTS.
  2. GROUT.
  3. ALL PREFABRICATED PRODUCTS.
- B. SHOP DRAWINGS: SHOW FABRICATION AND INSTALLATION DETAILS FOR METAL FABRICATIONS.
  1. INCLUDE PLANS, ELEVATIONS, SECTIONS, AND DETAILS OF METAL FABRICATIONS AND THEIR CONNECTIONS. SHOW ANCHORAGE AND ACCESSORY ITEMS.
  2. PROVIDE TEMPLATES FOR ANCHORS AND BOLTS SPECIFIED FOR INSTALLATION UNDER OTHER SECTIONS.
- C. WELDING CERTIFICATES.

1.3 PRODUCTS
- A. MATERIALS: STEEL PLATES, SHAPES, AND BARS, STEEL PIPE, SLOTTED CHANNEL FRAMING.
  1. LOW-EMITTING PRIMER: METAL PRIMER SHALL HAVE A VOC CONTENT OF 200 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
- B. MISCELLANEOUS FRAMING AND SUPPORTS:
  1. STEEL FRAMING AND SUPPORTS FOR MECHANICAL AND ELECTRICAL EQUIPMENT, APPLICATIONS WHERE FRAMING AND SUPPORTS ARE NOT SPECIFIED IN OTHER SECTIONS.
  2. GALVANIZE WHERE INDICATED.
  3. PRIME WITH ZINC-RICH PRIMER WHERE INDICATED.
     - a. ZINC-RICH PRIMER SHALL HAVE A VOC CONTENT OF 340 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
- C. LOOSE STEEL LINTELS, GALVANIZED AT EXTERIOR WALLS.
- D. SHELF ANGLES, GALVANIZED.
- E. STEEL WELD PLATES AND ANGLES NOT SPECIFIED IN OTHER SECTIONS, FOR CASTING INTO CONCRETE.
- F. METAL BOLLARDS: SCHEDULE 40 STEEL PIPE.

END OF SECTION 055000

WOODS AND PLASTICS

SECTION 061053 - MISCELLANEOUS ROUGH CARPENTRY

1.1 MATERIALS
- A. WOOD-PRESERVATIVE-TREATED MATERIALS:
  1. PRESERVATIVE TREATMENT: AWPA U1; USE CATEGORY UC2.
     - a. PRESERVATIVE CHEMICALS: CONTAINING NO ARSENIC OR CHROMIUM. DO NOT USE INORGANIC BORON (SBX) FOR SILL PLATES.
  2. APPLICATION: ITEMS INDICATED AND THE FOLLOWING:
     - a. ITEMS IN CONTACT WITH ROOFING OR WATERPROOFING.
     - b. ITEMS IN CONTACT WITH CONCRETE OR MASONRY.
     - c. FRAMING LESS THAN 18 INCHES (460 MM) ABOVE GROUND IN CRAWLSPACES.
     - d. FLOOR PLATES INSTALLED OVER CONCRETE SLABS-ON-GRADE.
- B. FIRE-RETARDANT-TREATED MATERIALS:
  1. EXTERIOR TYPE FOR EXTERIOR LOCATIONS AND WHERE INDICATED.
  2. INTERIOR TYPE A UNLESS OTHERWISE INDICATED.
  3. APPLICATION: ITEMS INDICATED AND THE FOLLOWING:
     - a. FRAMING FOR RAISED PLATFORMS.
     - b. CONCEALED BLOCKING.
     - c. ROOF FRAMING AND BLOCKING.
     - d. ITEMS IN CONTACT WITH ROOFING.
     - e. PLYWOOD BACKING PANELS.
- C. FRAMING:
  1. NON-LOAD-BEARING INTERIOR PARTITIONS: CONSTRUCTION OR NO. 2 GRADE.
- D. MISCELLANEOUS LUMBER:
  1. DIMENSION LUMBER: CONSTRUCTION OR NO. 2 GRADE.
  2. UTILITY SHELVING: 19 PERCENT MAXIMUM MOISTURE CONTENT.
  3. CONCEALED BOARDS: 19 PERCENT MAXIMUM MOISTURE CONTENT.
- E. PLYWOOD BACKING PANELS: EXPOSURE 1, C-D PLUGGED, FIRE-RETARDANT TREATED.
- F. FASTENERS: HOT-DIP GALVANIZED STEEL WHERE EXPOSED TO WEATHER, IN GROUND CONTACT, IN CONTACT WITH TREATED WOOD, OR IN AREA OF HIGH RELATIVE HUMIDITY.
- G. METAL FRAMING ANCHORS:
  1. METAL: GALVANIZED STEEL; HOT-DIP HEAVY GALVANIZED STEEL FOR WOOD-PRESERVATIVE-TREATED LUMBER AND WHERE INDICATED.
- H. ADHESIVES: ADHESIVES SHALL HAVE A VOC CONTENT OF 70 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).

1.2 INSTALLATION
- A. FURRING TO RECEIVE PLYWOOD OR HARDBOARD PANELING: 1-BY-3-INCH NOMINAL-SIZE (19-BY-63-MM ACTUAL-SIZE) FURRING AT 24 INCHES (610 MM) O.C.
- B. FURRING TO RECEIVE GYPSUM BOARD: 1-BY-2-INCH NOMINAL-SIZE (19-BY-38-MM ACTUAL-SIZE) FURRING AT 16 INCHES (406 MM) O.C.

END OF SECTION 061053

WOODS AND PLASTICS

SECTION 061000 - ROUGH CARPENTRY

1.1 MATERIALS
- A. WOOD-PRESERVATIVE-TREATED LUMBER:
  1. PRESERVATIVE TREATMENT: AWPA U1; USE CATEGORY UC2, BUT USE CATEGORY UC3B FOR EXTERIOR CONSTRUCTION AND USE CATEGORY UC4A FOR ITEMS IN CONTACT WITH THE GROUND.
     - a. PRESERVATIVE CHEMICALS: CONTAINING NO ARSENIC OR CHROMIUM. DO NOT USE INORGANIC BORON (SBX) FOR SILL PLATES.
  2. APPLICATION: ITEMS INDICATED AND AS FOLLOWS:
     - a. ITEMS IN CONTACT WITH ROOFING OR WATERPROOFING.
     - b. ITEMS IN CONTACT WITH CONCRETE OR MASONRY.
     - c. FRAMING LESS THAN 18 INCHES (460 MM) ABOVE GROUND IN CRAWLSPACES.
     - d. FLOOR PLATES INSTALLED OVER CONCRETE SLABS-ON-GRADE.
- B. DIMENSION LUMBER FRAMING:
  1. EXPOSED FRAMING: HAND-SELECTED FOR APPEARANCE AND FREEDOM FROM DECAY, HONEYCOMB, KNOT-HOLES, SHAKE, SPLITS, TORN GRAIN, AND WANE.
     - a. APPLICATION: EXPOSED EXTERIOR AND INTERIOR FRAMING INDICATED TO RECEIVE A STAINED OR NATURAL FINISH.
     - b. SPECIES AND GRADE: AS INDICATED FOR LOAD-BEARING CONSTRUCTION.
- C. ENGINEERED WOOD PRODUCTS, GENERAL: PRODUCTS LOCATED WITHIN THE BUILDING WEATHERPROOFING SYSTEM SHALL CONTAIN NO ADDED UREA FORMALDEHYDE.
- D. SHEAR WALL PANELS, GENERAL: PRODUCTS LOCATED WITHIN THE BUILDING WEATHERPROOFING SYSTEM SHALL CONTAIN NO ADDED UREA FORMALDEHYDE.
- E. FASTENERS: **[HOT-DIP GALVANIZED] [STAINLESS]** STEEL WHERE EXPOSED TO WEATHER, IN GROUND CONTACT, IN CONTACT WITH TREATED WOOD, OR IN AREA OF HIGH RELATIVE HUMIDITY.
- F. METAL FRAMING ANCHORS:
  1. HOT-DIP GALVANIZED STEEL FOR INTERIOR LOCATIONS.
  2. HOT-DIP, HEAVY-GALVANIZED STEEL FOR TREATED LUMBER AND WHERE INDICATED.
  3. STAINLESS STEEL FOR EXTERIOR AND WHERE INDICATED.
- G. MISCELLANEOUS MATERIALS:
  1. SILL-SEALER GASKETS: [GLASS-FIBER INSULATION] [NEOPRENE FOAM].
  2. ADHESIVES SHALL HAVE A VOC CONTENT OF 70 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).

END OF SECTION 061000

WOODS AND PLASTICS

SECTION 061600 - SHEATHING

1.1 MATERIALS
- A. WOOD PRODUCTS, GENERAL:
  1. WOOD PANEL PRODUCTS LOCATED WITHIN THE BUILDING WEATHERPROOFING SYSTEM SHALL CONTAIN NO ADDED UREA FORMALDEHYDE.
- B. PRESERVATIVE-TREATED PLYWOOD:
  1. PRESERVATIVE TREATMENT: AWPA U1; USE CATEGORY UC2, BUT USE CATEGORY UC3B FOR EXTERIOR CONSTRUCTION AND USE CATEGORY UC4A FOR ITEMS IN CONTACT WITH THE GROUND.
  2. PRESERVATIVE CHEMICALS: CONTAINING NO ARSENIC OR CHROMIUM.
  3. APPLICATION: TREAT PLYWOOD IN CONTACT WITH MASONRY OR CONCRETE OR USED WITH ROOFING, FLASHING, VAPOR BARRIERS, AND WATERPROOFING.
- C. FIRE-RETARDANT-TREATED PLYWOOD:
  1. EXTERIOR TYPE FOR EXTERIOR LOCATIONS AND WHERE INDICATED.
  2. INTERIOR TYPE A, HIGH TEMPERATURE (HT) FOR ROOF SHEATHING AND WHERE INDICATED.
  3. INTERIOR TYPE A, UNLESS OTHERWISE INDICATED.
  4. APPLICATION: TREAT THE FOLLOWING:
     - a. ROOF SHEATHING AT FIRE AND PARTY WALLS.
     - b. WALL SHEATHING AT FIRE AND PARTY WALLS.
     - c. ROOF SHEATHING.
     - d. SUBFLOORING AND UNDERLAYMENT FOR RAISED PLATFORMS.
- D. FASTENERS: HOT-DIP GALVANIZED STEEL WHERE EXPOSED TO WEATHER, IN GROUND CONTACT, IN CONTACT WITH TREATED WOOD, OR IN AREA OF HIGH RELATIVE HUMIDITY.
- E. MISCELLANEOUS MATERIALS:
  1. ADHESIVES SHALL HAVE A VOC CONTENT OF 50 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).

1.2 INSTALLATION
- A. WOOD STRUCTURAL PANEL:
  1. COMBINATION SUBFLOOR-UNDERLAYMENT:
     - a. GLUE AND NAIL TO WOOD FRAMING.
     - b. SCREW TO COLD-FORMED METAL FRAMING.
  2. SUBFLOORING:
     - a. GLUE AND NAIL TO WOOD FRAMING.
     - b. SCREW TO COLD-FORMED METAL FRAMING.
  3. SHEATHING:
     - a. NAIL TO WOOD FRAMING.
     - b. SCREW TO COLD-FORMED METAL FRAMING.
  4. UNDERLAYMENT:
     - a. NAIL TO SUBFLOORING.
- B. GYPSUM SHEATHING:
  1. SCREW TO WOOD FRAMING.
  2. SCREW TO COLD-FORMED METAL FRAMING.
- C. FIBERBOARD SHEATHING:
  1. NAIL TO WOOD FRAMING.
- D. PARTICLEBOARD UNDERLAYMENT:
  1. GLUE AND NAIL TO SUBFLOORING.
- E. HARDBOARD UNDERLAYMENT:
  1. NAIL TO SUBFLOORING.

END OF SECTION 061600

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
OUTLINE SPECIFICATIONS
SCALE: AS SHOWN

SHEET NUMBER:
G008

12/5/2023 3:48:33 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

WOODS AND PLASTICS

SECTION 064000 - INTERIOR ARCHITECTURAL WOODWORK

1.1 SUMMARY
- A. INTERIOR STANDING AND RUNNING TRIM.
- B. FLUSH WOOD PANELING AND WAINSCOTS.
- C. MELAMINE CABINETS.
- D. SOLID-SURFACING-MATERIAL COUNTERTOPS.
- E. CLOSET AND UTILITY SHELVING.

1.2 QUALITY ASSURANCE
- A. QUALITY STANDARD: AWI.

1.3 MATERIALS
- A. WOOD PRODUCTS: COMPLY WITH THE FOLLOWING:
  1. HARDBOARD: AHA A135.4, MADE WITH BINDER CONTAINING NO UREA FORMALDEHYDE.
  2. MEDIUM-DENSITY FIBERBOARD: ANSI A208.2, GRADE 130, MADE WITH BINDER CONTAINING NO UREA FORMALDEHYDE.
  3. MOISTURE RESISTANT MEDIUM-DENSITY FIBERBOARD: ANSI A208.2, GRADE MD, MR50, MADE WITH BINDER CONTAINING NO UREA FORMALDEHYDE.
  4. STRAW-BASED PARTICLEBOARD: ANSI A208.1, GRADE M-2, EXCEPT FOR DENSITY, MADE WITH ADHESIVE CONTAINING NO UREA FORMALDEHYDE.
  5. SOFTWOOD PLYWOOD: DOC PS 1
  6. VENEER-FACED PANEL PRODUCTS (HARDWOOD PLYWOOD): HPVA HP-1, MADE WITH ADHESIVE CONTAINING NO UREA FORMALDEHYDE.
- B. ADHESIVES, GENERAL: DO NOT USE ADHESIVES THAT CONTAIN UREA FORMALDEHYDE.
- C. VOC LIMITS FOR INSTALLATION ADHESIVES AND GLUES: USE INSTALLATION ADHESIVES THAT COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24):
  1. WOOD GLUES: 30 G/L.
  2. PANEL ADHESIVE: 50 G/L
  3. MULTIPURPOSE CONSTRUCTION ADHESIVE: 70 G/L
  4. CONTACT ADHESIVE: 80 G/L.
     - a. SPECIAL PURPOSE: 250 G/L
- D. CLOSET AND UTILITY SHELVING:
  1. GRADE: ECONOMY.
  2. SHELF MATERIAL: 3/4-INCH(19-MM) THERMOSET DECORATIVE PANEL WITH PVC OR POLYESTER EDGE BANDING.
  3. CLEATS: 3/4-INCH(19-MM) PANEL PRODUCT.
- E. SHOP FINISHING:
  1. GRADE: SAME GRADE AS WOODWORK.
  2. EXTENT: ALL WOODWORK SHOP FINISHED.

1.4 INSTALLATION
- A. SCRIBE AND CUT MILLWORK TO FIT ADJOINING WORK, REFINISH CUT SURFACES, AND REPAIR DAMAGED FINISH AT CUTS.
- B. ANCHOR MILLWORK TO ANCHORS OR BLOCKING BUILT IN OR DIRECTLY ATTACHED TO SUBSTRATES. SECURE WITH COUNTERSUNK, CONCEALED FASTENERS AND BLIND NAILING AS REQUIRED FOR COMPLETE INSTALLATION. USE FINE FINISHING NAILS OR FINISHING SCREWS FOR EXPOSED FASTENING, COUNTERSUNK AND FILLED FLUSH WITH MILLWORK AND MATCHING FINAL FINISH IF TRANSPARENT FINISH IS INDICATED.
- C. CABINETS: INSTALL WITHOUT DISTORTION SO DOORS AND DRAWERS FIT OPENINGS PROPERLY AND ARE ACCURATELY ALIGNED. ADJUST HARDWARE TO CENTER DOORS AND DRAWERS IN OPENINGS AND TO PROVIDE UNENCUMBERED OPERATION. COMPLETE INSTALLATION OF HARDWARE AND ACCESSORY ITEMS AS INDICATED.
  1. INSTALL CABINETS WITH NO MORE THAN 1/8 INCH IN 96-INCH(3 MM IN 2400-MM) SAG, BOW, OR OTHER VARIATION FROM A STRAIGHT LINE.
- D. COUNTERTOPS: ANCHOR SECURELY BY SCREWING THROUGH CORNER BLOCKS OF BASE CABINETS OR OTHER SUPPORTS INTO UNDERSIDE OF COUNTERTOP.
  1. ALIGN ADJACENT SOLID-SURFACING-MATERIAL COUNTERTOPS AND FORM SEAMS TO COMPLY WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS USING ADHESIVE IN COLOR TO MATCH COUNTERTOP. CAREFULLY DRESS JOINTS SMOOTH, REMOVE SURFACE SCRATCHES, AND CLEAN ENTIRE SURFACE.
  2. INSTALL COUNTERTOPS WITH NO MORE THAN 1/8 INCH IN 96-INCH (3 MM IN 2400-MM) SAG, BOW, OR OTHER VARIATION FROM A STRAIGHT LINE.
  3. SECURE COVED BACKSPLASHES TO TOPS PER MANUFACTURES FABRICATION MANUAL AND TO WALLS WITH ADHESIVE.
  4. CALK SPACE BETWEEN BACKSPLASH AND WALL WITH SEALANT SPECIFIED IN DIVISION 7 SECTION "JOINT SEALANTS."

END OF SECTION 064000

WOODS AND PLASTICS

SECTION 064400 - PLASTIC PANELING

PART 1 - GENERAL

1.1 SUMMARY
- A. SECTION INCLUDES THE FOLLOWING:
  1. GLASS-FIBER REINFORCED PLASTIC (FRP) WALL PANELING.
  2. MOLDING, ADHESIVES, AND JOINT SEALANTS.

1.2 PLASTIC SHEET PANELING
- A. GLASS-FIBER-REINFORCED PLASTIC PANELING: GELCOAT-FINISHED, GLASS-FIBER REINFORCED PLASTIC PANELS COMPLYING WITH ASTM D 5319.
  1. LOW-EMITTING MATERIALS: PANELING SHALL COMPLY WITH THE TESTING AND PRODUCT REQUIREMENTS OF THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES' "STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS."
  2. NOMINAL THICKNESS: NOT LESS THAN 0.09 INCHES.
  3. COLOR: WHITE.
  4. MOLDING COLOR: WHITE.
  5. SURFACE FINISH: MOLDED PEBBLE TEXTURE.
- B. UNREINFORCED POLYPROPYLENE PANELING: SOLID POLYPROPYLENE PANELS MADE FROM NO LESS THAN 80 PERCENT RECYCLED MATERIAL.
  1. LOW-EMITTING MATERIALS: PANELING SHALL COMPLY WITH THE TESTING AND PRODUCT REQUIREMENTS OF THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH'S (FORMERLY, THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES') "STANDARD METHOD FOR THE TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS."
  2. NOMINAL THICKNESS: NOT LESS THAN 0.09 INCHES.
  3. COLOR: WHITE.
  4. MOLDING COLOR: WHITE.
  5. SURFACE FINISH: MOLDED PEBBLE TEXTURE.

1.3 ADHESIVES
- A. AS RECOMMENDED BY PLASTIC PANELING MANUFACTURER.
  1. VOC LIMIT: 50 G/L.

1.4 ACCESSORIES
- A. TRIM ACCESSORIES: MANUFACTURER'S STANDARD ONE-PIECE VINYL EXTRUSIONS DESIGNED TO RETAIN AND COVER EDGES OF PANELS. PROVIDE DIVISION BARS, INSIDE CORNERS, OUTSIDE CORNERS, AND CAPS AS NEEDED TO CONCEAL EDGES.
  1. COLOR: WHITE.

END OF SECTION 064400

THERMAL AND MOISTURE PROTECTION

SECTION 071113 - BITUMINOUS DAMPPROOFING

1.1 MATERIALS
- A. COLD-APPLIED, EMULSIFIED ASPHALT: VOC OF 250 G/L OR LESS.

1.2 INSTALLATION
- A. COLD-APPLIED, EMULSIFIED-ASPHALT DAMPPROOFING:
  1. CONCRETE FOUNDATIONS AND PARGED MASONRY FOUNDATION WALLS: TWO BRUSH OR SPRAY COATS, ONE FIBERED BRUSH OR SPRAY COAT, OR ONE TROWEL COAT.
  2. UNPARGED MASONRY FOUNDATION WALLS: PRIMER AND TWO BRUSH OR SPRAY COATS, PRIMER AND ONE FIBERED BRUSH OR SPRAY COAT, OR PRIMER AND ONE TROWEL COAT.
  3. UNEXPOSED FACES OF CONCRETE RETAINING WALLS: ONE BRUSH OR SPRAY COAT.
  4. UNEXPOSED FACES OF MASONRY RETAINING WALLS: PRIMER AND ONE BRUSH OR SPRAY COAT.
  5. MASONRY BACKUP FOR BRICK VENEER ASSEMBLIES: PRIMER AND ONE BRUSH OR SPRAY COAT.
  6. EXTERIOR FACE OF INNER WYTHE OF CAVITY WALLS: PRIMER AND ONE BRUSH OR SPRAY COAT.
  7. INTERIOR FACE OF SINGLE-WYTHE EXTERIOR MASONRY WALLS: PRIMER AND ONE BRUSH OR SPRAY COAT.

END OF SECTION 071113

THERMAL AND MOISTURE PROTECTION

SECTION 071300 - WATERPROOFING

1.1 MATERIALS
- A. MODIFIED BITUMINOUS SHEET: MINIMUM 60-MIL (1.5-MM) NOMINAL THICKNESS.
- B. MODIFIED BITUMINOUS SHEET, FABRIC REINFORCED: MINIMUM 60-MIL (1.5-MM) NOMINAL THICKNESS.
- C. EPDM RUBBER SHEET WATERPROOFING: 60 MILS (1.5 MM) THICK, UNREINFORCED.
- D. BUTYL RUBBER SHEET WATERPROOFING: 60 MILS (1.5 MM) THICK, UNREINFORCED.
- E. AUXILIARY MATERIALS:
  1. PRIMER: WATERBORNE.
  2. METAL TERMINATION BARS: ALUMINUM.
  3. PROTECTION COURSE: AS RECOMMENDED BY MANUFACTURER.
- F. HIGH-CAPACITY, MOLDED-SHEET COLLECTOR-PANEL SYSTEM: MOLDED-PLASTIC DRAINAGE CORE WITH A WOVEN GEOTEXTILE FACING; BY SAME MANUFACTURER AS MOLDED-SHEET DRAINAGE PANELS.
- G. INSULATION: EXTRUDED-POLYSTYRENE BOARD.
- H. INSULATION DRAINAGE PANELS: EXTRUDED-POLYSTYRENE BOARD, WITH GROOVED ` DRAINAGE CHANNELS; FOR WALL INSTALLATION.

1.2 INSTALLATION
- A. MODIFIED BITUMINOUS SHEET: ONE-PLY APPLICATION.
- B. RUBBER SHEET: FULLY ADHERED, CEMENT SPLICE SEAMS.

END OF SECTION 071300

THERMAL AND MOISTURE PROTECTION

SECTION 072100 - BUILDING INSULATION

1.1 SUMMARY
- A. APPLICATIONS:
  1. PERIMETER INSULATION UNDER SLABS-ON-GRADE.
  2. PERIMETER WALL INSULATION (SUPPORTING BACKFILL).
  3. CONCEALED BUILDING INSULATION.
  4. VAPOR RETARDERS.
  5. SOUND ATTENUATION INSULATION.

1.2 PERFORMANCE REQUIREMENTS
- A. PERIMETER WALL RATING R-10 INSULATION RATED FOR RESISTANCE AGAINST EROSION AND MOLD GROWTH PER UL 181.

1.3 MATERIALS
- A. INSULATION:
  1. ALL INSULATION MATERIALS LOCATED WITHIN THE WATERPROOF MEMBRANE MUST BE CERTIFIED AS LOW EMITTING. CERTIFICATION MUST BE BASED UPON THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS, INCLUDING 2004 ADDENDA OR A JURISDICTIONALLY RECOGNIZED STANDARD USING EQUIVALENT TESTING METHODOLOGIES AND VOC THRESHOLDS.
- B. VAPOR RETARDERS: CLASS 1, AS REQUIRED.

END OF SECTION 072100

POLYMER-BASED EIFS INCORPORATING AN AIR/WATER RESTRICTED BARRIER

SECTION 072413 - POLYMER-BASED EIFS INCORPORATING AN AIR/WATER RESTRICTED BARRIER

1.1 MATERIAL
- A. BASIS OF DESIGN. DRYVIT OUTSULATION PLUS MD SYSTEM IS AN EXTERIOR INSULATION AND FINISH SYSTEM (EIFS), CLASS PB, CONSISTING OF AN AIR/WATER-RESISTIVE BARRIER, AN ADHESIVE, EXPANDED POLYSTYRENE INSULATION BOARD, BASE COAT, REINFORCING MESH(ES) AND FINISH. OR APPROVED EQUAL.

1.2 INSTALLATION
- A. FIELD APPLIED: THE OUTSULATION PLUS MD SYSTEM IS APPLIED TO THE SUBSTRATE SYSTEM IN PLACE PER MANUFACTURE RECOMMENDATIONS.

END OF SECTION 072413

THERMAL AND MOISTURE PROTECTION

SECTION 075323 - ETHYLENE-PROPYLENE-DIENE-MONOMER (EPDM) ROOFING

1.1 SUMMARY
- A. MECHANICALLY FASTENED EPDM MEMBRANE ROOFING SYSTEM.
- B. VAPOR RETARDER.
- C. ROOF INSULATION.

1.2 SUBMITTALS
- A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
- B. SHOP DRAWINGS: FOR ROOFING SYSTEM. INCLUDE PLANS, ELEVATIONS, SECTIONS, DETAILS, AND ATTACHMENTS TO OTHER WORK.
  1. BASE FLASHINGS AND MEMBRANE TERMINATIONS.
  2. TAPERED INSULATION, INCLUDING SLOPES.
  3. INSULATION FASTENING PATTERNS.
- C. MANUFACTURER CERTIFICATES: SIGNED BY ROOFING MANUFACTURER CERTIFYING THAT ROOFING SYSTEM COMPLIES WITH REQUIREMENTS SPECIFIED IN "PERFORMANCE REQUIREMENTS" ARTICLE.
  1. SUBMIT EVIDENCE OF MEETING PERFORMANCE REQUIREMENTS.
- D. QUALIFICATION DATA: FOR INSTALLER AND MANUFACTURER.
- E. PRODUCT TEST REPORTS: BASED ON EVALUATION OF COMPREHENSIVE TESTS PERFORMED BY MANUFACTURER AND WITNESSED BY A QUALIFIED TESTING AGENCY, FOR COMPONENTS OF ROOFING SYSTEM.

1.3 PERFORMANCE REQUIREMENTS
- A. ROOFING SYSTEM DESIGN: UPLIFT PRESSURES CALCULATED ACCORDING TO ASCE/SEI 7.
- B. SOLAR REFLECTANCE INDEX: NOT LESS THAN 78.
- C. EXTERIOR FIRE-TEST EXPOSURE: CLASS A.

1.4 MATERIALS
- A. EPDM MEMBRANE ROOFING: NON-REINFORCED, 60 MILS (1.5 MM) THICK, EXPOSED FACE COLOR WHITE ON BLACK.
- B. SHEET FLASHING: 60-MIL- (1.5-MM-) THICK EPDM.
- C. ROOF INSULATION: PREFORMED ROOF INSULATION BOARDS MANUFACTURED OR APPROVED BY EPDM ROOFING MANUFACTURER.
  1. TAPERED BOARDS: 1/4 INCH PER 12 INCHES (1:48).

1.5 INSTALLATION
- A. MEMBRANE ROOFING: FULLY ADHERED.
- B. SEAMS: TAPE.

1.6 FIELD QUALITY CONTROL
- A. TESTING AGENCY: OWNER ENGAGED.

END OF SECTION 075323

THERMAL AND MOISTURE PROTECTION

SECTION 072500 - WEATHER BARRIERS

1.1 MATERIALS
- A. BUILDING WRAP: WITH FLAME-SPREAD AND SMOKE-DEVELOPED INDEXES OF LESS THAN 25 AND 450, RESPECTIVELY, WHEN TESTED ACCORDING TO ASTM E 84; UV STABILIZED; AND ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
- B. BUILDING-WRAP TAPE: PRESSURE-SENSITIVE PLASTIC TAPE RECOMMENDED BY BUILDING-WRAP MANUFACTURER FOR SEALING JOINTS AND PENETRATIONS IN BUILDING WRAP.
- C. FLEXIBLE FLASHING: BUTYL RUBBER.

END OF SECTION 072500

THERMAL AND MOISTURE PROTECTION

SECTION 075423 - THERMOPLASTIC POLYOLEFIN (TPO) ROOFING

1.1 SUMMARY
- A. MECHANICALLY FASTENED MEMBRANE ROOFING SYSTEM.
- B. VAPOR RETARDER.
- C. ROOF INSULATION.

1.2 SUBMITTALS
- A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
- B. SHOP DRAWINGS: FOR ROOFING SYSTEM. INCLUDE PLANS, ELEVATIONS, SECTIONS, DETAILS, AND ATTACHMENTS TO OTHER WORK.
  1. BASE FLASHINGS AND MEMBRANE TERMINATIONS.
  2. TAPERED INSULATION, INCLUDING SLOPES.
  3. INSULATION FASTENING PATTERNS.
- C. INSTALLER CERTIFICATES: SIGNED BY ROOFING SYSTEM MANUFACTURER CERTIFYING THAT INSTALLER IS APPROVED, AUTHORIZED, OR LICENSED BY MANUFACTURER TO INSTALL ROOFING SYSTEM.
- D. MANUFACTURER CERTIFICATES: SIGNED BY ROOFING MANUFACTURER CERTIFYING THAT ROOFING SYSTEM COMPLIES WITH REQUIREMENTS SPECIFIED IN "PERFORMANCE REQUIREMENTS" ARTICLE.
  1. SUBMIT EVIDENCE OF MEETING PERFORMANCE REQUIREMENTS.
- E. QUALIFICATION DATA: FOR INSTALLER AND MANUFACTURER.
- F. PRODUCT TEST REPORTS: BASED ON EVALUATION OF COMPREHENSIVE TESTS PERFORMED BY MANUFACTURER AND WITNESSED BY A QUALIFIED TESTING AGENCY, FOR COMPONENTS OF ROOFING SYSTEM.
- G. WARRANTIES: SPECIAL WARRANTIES SPECIFIED IN THIS SECTION.

1.3 PERFORMANCE REQUIREMENTS
- A. ROOFING SYSTEM DESIGN: UPLIFT PRESSURES CALCULATED ACCORDING TO ASCE/SEI 7.
- B. SOLAR REFLECTANCE INDEX: NOT LESS THAN 78.

1.4 EXTERIOR FIRE-TEST EXPOSURE: CLASS A.

1.5 MATERIALS
- A. THERMOPLASTIC POLYOLEFIN ROOFING MEMBRANE: WHITE, FABRIC-REINFORCED THERMOPLASTIC SHEET, 60 MILS (1.5 MM) THICK.
- B. SHEET FLASHING: SAME AS TPO SHEET.
- C. ROOF INSULATION: PREFORMED ROOF INSULATION BOARDS MANUFACTURED OR APPROVED BY EPDM ROOFING MANUFACTURER.
  1. TAPERED BOARDS: 1/4 INCH PER 12 INCHES(1:48).

1.6 INSTALLATION
- A. ROOFING MEMBRANE: MECHANICALLY FASTENED.
  1. ATTACHMENT METHOD FOR MECHANICALLY FASTENED: IN SPLICE.

1.7 FIELD QUALITY CONTROL
- A. TESTING AGENCY: OWNER ENGAGED.

END OF SECTION 075423

THERMAL AND MOISTURE PROTECTION

SECTION 076200 - SHEET METAL FLASHING AND TRIM

1.1 MATERIALS
- A. SHEET METALS:
  1. COPPER SHEET: MILL FINISH.
  2. STAINLESS-STEEL SHEET, TYPE 304: 4 (DIRECTIONAL SATIN) FINISH WITH SMOOTH, FLAT SURFACE.
  3. METALLIC-COATED STEEL SHEET: PROVIDE ZINC-COATED (GALVANIZED) STEEL SHEET ACCORDING TO ASTM A 653/A 653M, G90 (Z275) COATING DESIGNATION; PREPAINTED BY COIL-COATING PROCESS TO COMPLY WITH ASTM A 755/A 755M.
     - a. SURFACE: MANUFACTURER'S STANDARD CLEAR ACRYLIC COATING ON BOTH SIDES.
     - b. COIL-COATED FINISH: TWO-COAT FLUOROPOLYMER.
- B. UNDERLAYMENT: FELTS.

1.2 PRODUCTS
- A. FORMED LOW-SLOPE ROOF FABRICATIONS: INCLUDING COPINGS, ROOF EXPANSION-JOINT COVERS, COUNTERFLASHING, FLASHING RECEIVERS, ROOF-PENETRATION FLASHING AND ROOF-DRAIN FLASHING.
- B. FORMED WALL FABRICATIONS: INCLUDING THROUGH-WALL FLASHING, OPENING FLASHINGS IN FRAME CONSTRUCTION, AND WALL EXPANSION-JOINT COVER.
- C. MISCELLANEOUS FORMED FABRICATIONS: INCLUDING EQUIPMENT SUPPORT FLASHING.

END OF SECTION 076200

THERMAL AND MOISTURE PROTECTION

SECTION 077200 - ROOF ACCESSORIES

1.1 PRODUCTS
- A. ROOF CURBS: INSULATED.
  1. HEIGHT: MINIMUM 12 INCHES (300 MM) ABOVE ROOFING SURFACE UNLESS OTHERWISE INDICATED.
  2. NAILER: FACTORY-INSTALLED WOOD NAILER ALONG TOP FLANGE OF CURB, CONTINUOUS AROUND CURB PERIMETER.
- B. EQUIPMENT SUPPORTS: RAIL TYPE.
  1. HEIGHT: MINIMUM 12 INCHES (300 MM) ABOVE ROOFING SURFACE UNLESS OTHERWISE INDICATED.
- C. DUCT SUPPORTS: EXTRUDED ALUMINUM, URETHANE INSULATED.
- D. PIPE PORTALS: FLASHING TYPE, FORMED ALUMINUM WITH EPDM CAPS.
- E. PREFORMED FLASHING SLEEVES: EXHAUST VENT FLASHING AND VENT STACK FLASHING FABRICATED FROM ALUMINUM SHEET.

END OF SECTION 077200

ALUMINUM-FRAMED ENTRANCES, STOREFRONTS AND WINDOWS

SECTION 084013 – ALUMINUM-FRAMED ENTRANCES, STOREFRONTS AND WINDOWS

PART 1 - GENERAL

1.1 SUMMARY
- A. Section Includes:
  1. Hurricane-resistant stick framed exterior aluminum storefront systems.
  2. Aluminum and glass entrances.
  3. Aluminum and glass windows.
  4. Structural design of storefront assembly.
- B. Related Sections:
  1. 079200 - Joint Sealants: Perimeter sealants.
  2. 087100 - Door Hardware.
  3. 088000 - Glazing: Glass and glazing.
- C. Drawings, the provisions of the Agreement, the General Conditions, and Division 1 specification sections apply to all work of this Section.
- D. Substitutions: Substitute products will be considered only under the terms and conditions of Section 016000.

1.2 REFERENCES
- A. American Society for Testing and Materials (ASTM):
  1. A123 - Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
  2. B209 - Aluminum and Aluminum Alloy Sheet and Plate.
  3. B221 - Aluminum Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes.
  4. E283 - Rate of Air Leakage through Exterior Windows, Curtain Walls, and Doors.
  5. E330 - Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference.
  6. E331 - Test Method for Water Penetration of Exterior Windows, Curtainwalls, and Doors by Uniform Static Air Pressure Difference.
  7. E1996 - Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes.
- B. American Architectural Manufacturers Association (AAMA)
  1. 609/610 - Cleaning and Maintenance Guide for Architecturally Finished Aluminum.
  2. 2605-02 -Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels.
- C. Dade County Protocol TAS 201/203: Impact Test Procedures.
- D. National Fenestration Rating Council (NFRC):
  1. NFRC 100-2010 Determining Fenestration Product U-factors
  2. NFRC 200-2010 Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence.

1.3 SYSTEM DESCRIPTION
- A. Performance:
  1. System shall provide for expansion and contraction caused by a cycling temperature range of -20 degrees F to + 160 degrees F (-29 degrees C to 71 degrees C) without causing detrimental effects to components, sealing systems, and surrounding construction.
  2. Design system with provisions to drain moisture to the exterior of the system.
  3. Air Infiltration:
     - a. Fixed Glazing: Limit air infiltration through assembly to 0.06 cfm/sf (0.03 L/sq m) of assembly surface area, measured at a reference differential pressure across assembly of 6.24 psf (300 Pa) as measured in accordance with ANSI/ASTM E283.
     - b. Swing Door: Limit to 1 cfm/ft (1.5 (l/s)/m) of perimeter crack around pair of doors, measured at a reference differential pressure across assembly of 1.57 psf (75 Pa), as measured in accordance with ANSI/ASTM E283.
  4. Water Infiltration; Storefront System: No water penetration at a test pressure of 6.24 psf (300 Pa) when measured in accordance with ASTM E331.
  5. Windborne-Debris-Impact Resistance Performance: Shall be tested in accordance with ASTM E 1886, information in ASTM E 1996 and TAS 201/203 as applicable to jurisdiction.
  a. Large-Missile Impact: For aluminum-framed systems.
  Note: Design Pressure (NOT wind speed) per ASCE-7 must be indicated on the Drawings. In Florida, design pressure at each opening must be indicated. Revise following U-value in accordance with jurisdictional requirements:
- B. Thermal Transmittance (Exterior Storefront): Maximum U=0.33 (1.87 metric) when tested in accordance with NFRC requirements. Provide storefront systems with certification stating that they have been tested in accordance with NFRC to meet the specified requirements using glass which matches the glass to be used in the Project.
- C. System Structural Design:
  1. Design and size members and anchorages to withstand positive and negative wind loads as required by the jurisdictional code authorities, and to resist pivot and closer reaction forces.
  2. Limit mullion deflection to 1/175, or flexure limit of glass with full recovery of glazing materials, whichever is less.
  3. Design system to withstand seismic loads for the location of the project per all required codes.
- D. Dynamic Movement: System shall accommodate the following without damage to system components or performance.
  1. Movement within the system.
  2. Application and release of design live loads.
  3. ± 5/8 inch (16 mm) maximum deflection of structural support framing between head and sill.
- E. Profiles: Framing member profiles, as indicated in the Drawings, indicate proportions and intent. Minor variations in profiles, assemblies, and connections which are indicated on the shop drawings will be accepted, provided that, in the opinion of the Architect, they do not substantially alter the intended appearance.

1.4 SUBMITTALS
- A. Make submittals in accordance with Section 013300.
- B. Shop Drawings:
  1. Include wall opening dimensions, component dimensions, tolerances required, anchorages and fasteners, operator and electrical coordination requirements, relationship to adjacent construction, threshold configurations, installation details, flashings, and sealant locations.
  2. Shop Drawings shall include stamp of Structural Engineer licensed to practice in the state or province were the Project is located.
- C. Samples:
  1. Finish Sample: Submit three samples, minimum 2 x 4 inch (50 x 100 mm), of aluminum finished with system and color proposed for the finished work.
- D. Quality Control Submittals:
  1. Submit either of the following to verify that the proposed systems meet the structural performance requirements specified.
     - a. Shop drawings signed and sealed by a Professional Engineer registered in the State or Province where the Project is located. Provide Letters of Assurance where applicable.
     - b. Certified test report data verifying structural compliance of systems similar to those to be provided.
  2. Test Reports: Submit copies of test reports which verify that each aluminum framed glazing system meets the air and water infiltration performance requirements specified.
- E. Closeout Submittal
  1. In accordance with Section 017700.
  2. Submit designing engineer's certification that products and installation comply with design requirements.

1.5 QUALITY ASSURANCE
- A. Installer Qualifications: Company authorized by system manufacturer, one installer for total system.
- B. Structural design of framing system and anchorages shall be performed under the supervision of a professional structural engineer, licensed to practice in the State or Province where the Project is located.
  Leave the following paragraph for most south Florida projects
- C. Storefront system shall comply with Florida Products Approval Rule 9N-3 F.A.C. for High Velocity Hurricane Zone or coastal areas considered wind-borne debris regions as determined by local jurisdictional authorities.

1.6 DELIVERY, STORAGE, AND HANDLING
- A. In accordance with Section 016000.

1.7 GUARANTEE AND WARRANTY
- A. Furnish in accordance with Section 017700.
- B. Manufacturer's Warranty: Furnish three (3) year written warranties executed to the Owner, from the manufacturers of the storefront and aluminum window systems, against defects in materials and workmanship.
- C. Installer's Guarantee: Furnish three (3) year written guarantee against defects in installation.

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
OUTLINE SPECIFICATIONS
SCALE: AS SHOWN

SHEET NUMBER:
G009

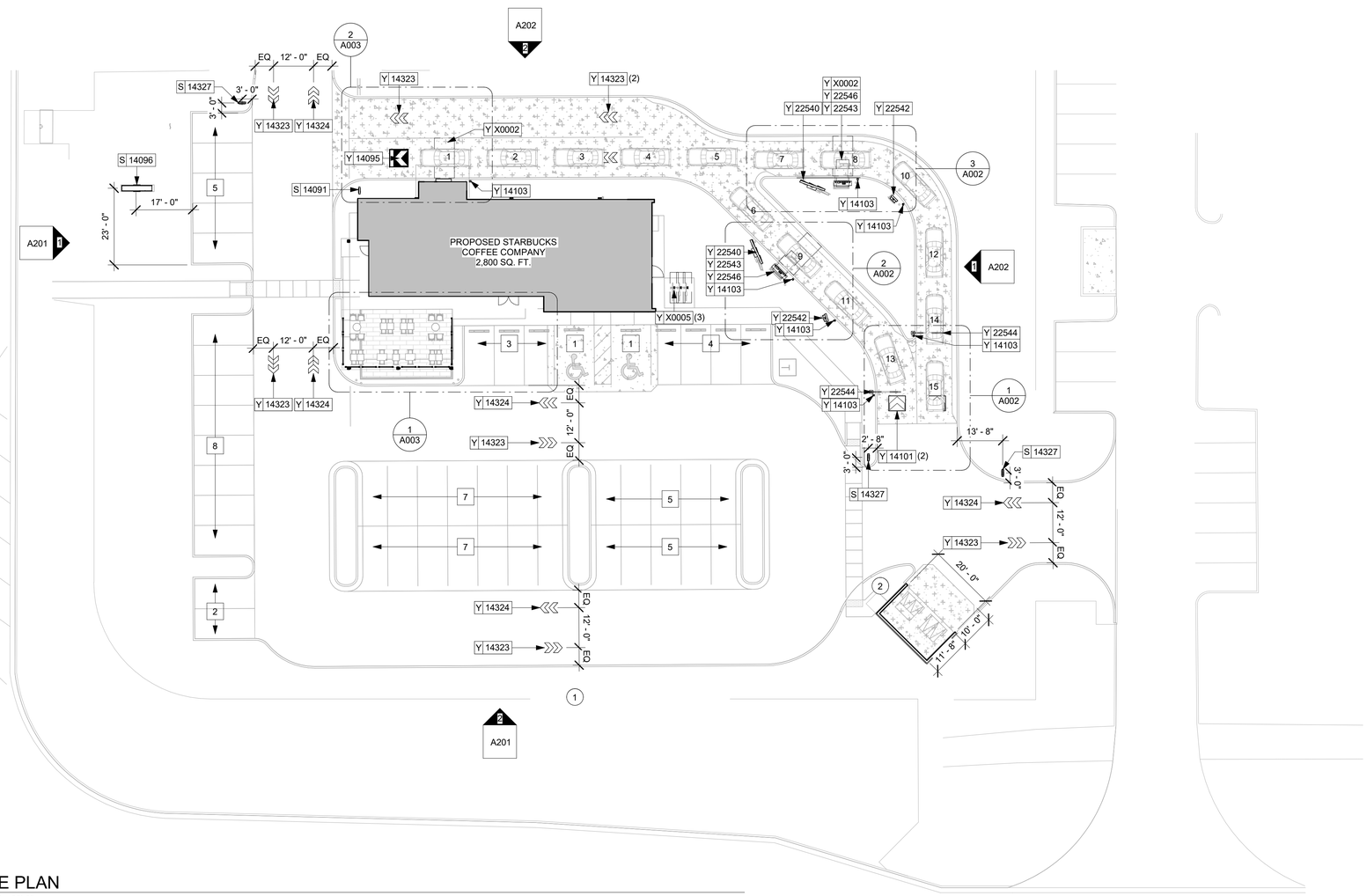
12/5/2023 3:48:34 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

SITE SCHEDULE - "Y"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
EXTERIOR MENU					
22540	2	MENU BOARD - DT 5 PANEL SQUARE FRAME FREESTANDING - 95X62IN 2415X1575MM - BLACK	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. FOOTING AND CONDUIT BY LL.
22542	2	MENU BOARD - DT PRE MENU SQUARE FRAME FREESTANDING - 29X61IN 735X1550MM - BLACK	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. FOOTING AND CONDUIT BY LL.
22546	2	MENU BOARD - DT DIGITAL ORDER SCREEN WITH POST - BLACK	SB	SB/GC	SUPPLIER: IT EQUIPMENT VENDOR (ZONES). SCREEN INSTALLER: REGIONAL SIGNAGE VENDOR. ELECTRICAL: GC CONNECTS DOS WHIPS & STUB-UPS TO DCB. LL TO PROVIDE CONDUIT AND FOOTING
FENCE AND RAILING					
21486	12	FENCE MESH - 54IN 1370MM	SB	GC	
OTHER					
10163	1	DT WINDOW SHELF - 56IN 1420MM - OBSIDIAN PAPERSTONE	SB	GC	CONTACT: MIKE MILLER.MIKE@PAPERSTONEPRODUCTS.COM. 360-538-1510
14095	1	DT WAYFINDING GRAPHIC EXIT ARROW - WHITE	SB	GC	
14101	2	DT WAYFINDING GRAPHIC ENTRY ARROW - GREEN	SB	GC	
14103	7	BOLLARD NONILLUMINATED SQUARE - FLAT BLACK MT0028	SB	GC	SB TO PROVIDE SHOP DRAWINGS.SEE DETAILS. DSA PHOTOTECH
14323	8	DT WAYFINDING GRAPHIC DIRECTIONAL DOUBLE ARROW - GREEN	SB	GC	REFERENCE PAINT 20512 FOR SPECIFICATIONS
14324	5	DT WAYFINDING GRAPHIC DIRECTIONAL DOUBLE ARROW - WHITE	SB	GC	REFERENCE PAINT 20511 FOR SPECIFICATIONS
22543	2	DT ORDER POINT CANOPY SQUARE FRAME - BLACK	SB	GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. FOOTING AND CONDUIT BY LL.
X0002	3	VEHICLE DETECTOR LOOP	SB	GC	SUPPLIER: DT AUDIO VENDOR (HME).
X0005	3	BIKE RACK - OLYMPIA	SB	GC	FORMS & SURFACES: OLYMPIA BIKE RACK. WWW.FORMS-SURFACES.COM; INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

EXTERIOR SIGNAGE SCHEDULE - "S"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
SIGNAGE - DISK					
13164	2	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 60IN 1525MM	SB	GC	
SIGNAGE - DRIVE THRU					
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC/HILTON	GC TO COORDINATE WITH SBUX VENDOR. LL TO PROVIDE CONDUIT AND FOOTING
14327	3	SIGN - DT DIRECTIONAL ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC	
22544	2	SIGN - DT CLEARANCE BAR SQUARE FRAME FREESTANDING - BLACK AND DARK GREEN	SB	GC/HILTON	GC TO COORDINATE WITH SBUX VENDOR. LL TO PROVIDE FOOTING
SIGNAGE - OTHER					
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC	EXTEND MOUNTING ARMS SO BOTTOM OF SIGN IS AT 8'-2" AFF. CONTACT MOP@waltonsignage.com
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC	
SIGNAGE - PYLON DISK					
14096	1	SIGN - PYLON DISK DRIVE THRU ILLUMINATED ARROW SERIES - 108IN 2745MM	SB	GC	
SIGNAGE - WORDMARK					
18494	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 12IN 305MM	SB	GC	WHITE LETTERS



SITE PLAN

Scale: 1" = 20'-0"

LEGEND

LANDSCAPE AREA

NEW CONCRETE DRIVE THRU LANE

NOTE: SITE PLAN PREPARED IN REFERENCE TO THE LANDLORD CIVIL PLAN DATED: 03/11/2022.

NOTE: ALL SIGNAGE UNDER SEPARATE PERMIT, SHOWN FOR COORDINATION PURPOSES ONLY.

GENERAL NOTES

A. REFER TO EXTERIOR ELEVATIONS ON SHEET A201 FOR BUILDING SIGNAGE LOCATION AND DESIGN ID. REFER TO ELECTRICAL PLANS FOR ELECTRICAL REQUIREMENTS.

B. LANDSCAPING TO BE PROVIDED PER ZONING CODE AND SUSTAINABILITY REQUIREMENTS.

C. DRIVE-THRU EQUIPMENT INCLUDING VEHICLE DETECTION LOOP, WIRELESS COMMUNICATION AND MONITORS SHALL BE COORDINATED BY STARBUCKS CONSTRUCTION MANAGER. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

D. PROVIDE 6" (150MM) THICK CONCRETE PAVING THE LENGTH OF THE DRIVE-THRU LANE, EXTENT TO INCLUDE DRIVE-THRU ENTRY POINT THROUGH WINDOW STANDING PAD.

E. GENERAL CONTRACTOR TO APPLY CONCRETE SEALER TO ALL EXTERIOR CONCRETE PATIO AND WALKWAY SURFACES.

F. GENERAL CONTRACTOR TO VERIFY ALL EXISTING ELEVATIONS AND BUILDING CONDITIONS IN FIELD PRIOR TO START OF CONSTRUCTION.

G. PROVIDE DETECTABLE WARNING (IF APPLCABLE PER LOCAL CODE) AT TRANSITION FROM SIDEWALK TO DRIVE AISLE.

H. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL HAVE SURFACE SLOPE NOT TO EXCEED 2% IN ALL DIRECTIONS.

I. REFER TO ELECTRICAL DRAWINGS FOR SITE RELATED ELECTRICAL WORK.

J. SCRAPE AND REPAINT ALL EXISTING PAINTED SITE FEATURES, INCLUDING, BUT NOT LIMITED TO CURBS, BOLLARDS, RAILINGS AND SITE LIGHTING BASES.

K. SEE SHEET A002 FOR ARCHITECTURAL SITE DETAILS.

KEYED NOTES

1. EXISTING TO REMAIN (ETR).
2. LANDSCAPE AREA.
3. ACCESSIBLE PATH OF TRAVEL TO PUBLIC WAY.
4. PROVIDE PROTECTIVE BOLLARDS ON BOTH SIDES OF EXTERIOR UTILITY SERVICES ADJACENT TO VEHICULAR TRAFFIC. EXAMPLES INCLUDE FIRE STAND PIPE, GAS AND ELECTRICAL METERS, SITE TRANSFORMERS, ETC.
5. STARBUCKS SIGNAGE VENDOR TO COORDINATE APPROVALS AND PERMITS FOR EXTERIOR SIGNAGE SEPARATELY AS REQUIRED. **NOT INCLUDED IN TENANT BUILD-OUT APPLICATION.**
6. PROVIDE COVERED EXTERIOR ELECTRICAL OUTLETS AND HOSE BIBBS. SEE EXTERIOR ELEVATIONS FOR MORE INFORMATION.
7. FREESTANDING ILLUMINATED DRIVE THRU DIRECTIONAL SIGN.
8. FREESTANDING ILLUMINATED DRIVE THRU 'EXIT ONLY / THANK YOU' SIGN.
9. 5-PANEL FREESTANDING MENU BOARD.
10. DIGITAL ORDER SCREEN AND CANOPY. REFER TO DOS CONTROL BOX DETAILS FOR MORE INFO.
11. FREESTANDING PRE-MENU BOARD.
12. FREESTANDING CLEARANCE BAR.
13. WAYFINDING ENTRY & EXIT GRAPHICS. REFER TO SITE DETAILS FOR MORE INFORMATION.
14. WAYFINDING ORDER POINT STAR PATTERN.
15. WAYFINDING DOUBLE ARROWS ON PAVEMENT. REFER TO SITE DETAILS FOR MORE INFORMATION.
16. EXTERIOR SHELF @ DRIVE THRU WINDOW. REFER TO SITE DETAILS FOR MORE INFORMATION.
17. INSTALL PATIO RAILING AS INDICATED.
18. BIKE RACK PER STARBUCKS SPECIFICATIONS.
19. INSTALL VEHICLE DETECTOR LOOP @ CENTERLINE FOR ORDER POINT & DRIVE THRU WINDOW. REFER TO SITE DETAILS FOR MORE INFORMATION.
20. GREASE TRAP LOCATION.
21. EXTENTS OF DRIVE THRU LANE.
22. SITE STRIPING & CURB CUTS.
23. BOLLARD LOCATION.
24. CONCRETE WHEEL STOPS.
25. PROPERTY LINE
26. TRANSFORMER
27. ELECTRICAL METER LOCATION
28. GAS METER LOCATION

(EX) INDICATES EXISTING ITEM TO BE RELOCATED.

0 500 1000
Scale: 1:20

N

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #: 69057
PROJECT #: 94787-001
ISSUE DATE: 12-1-2023
SR. DESIGN MANAGER: L. ALVAREZ-TABIO
PRODUCTION DESIGNER: L. LA SPIA
CHECKED BY: NORR

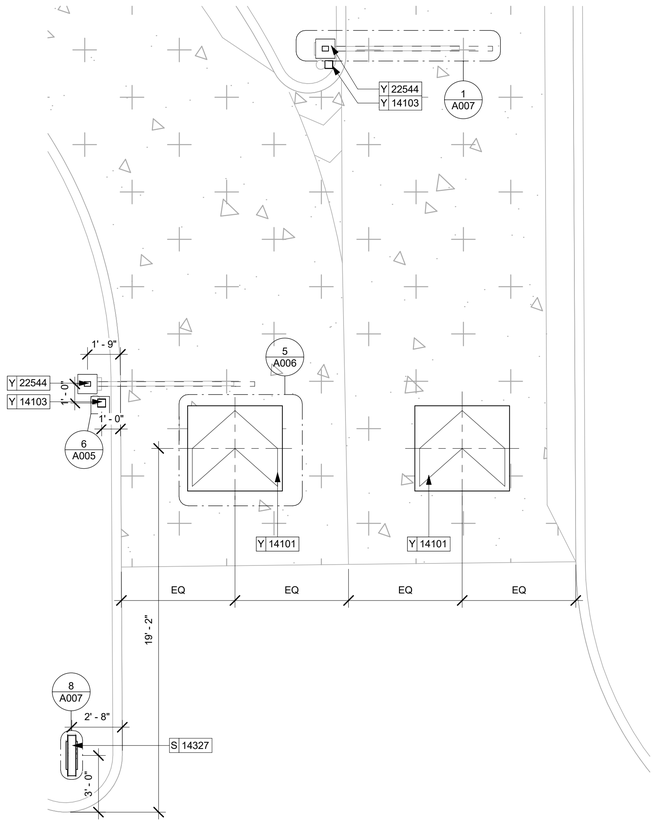
Revision Schedule

Rev	Date	By	Description

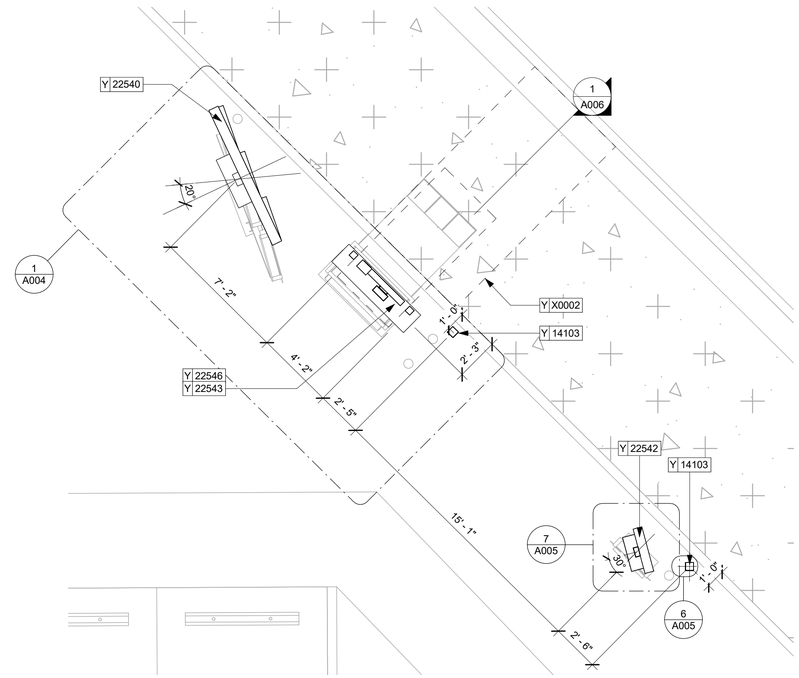
SHEET TITLE:
ARCHITECTURAL SITE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
A001

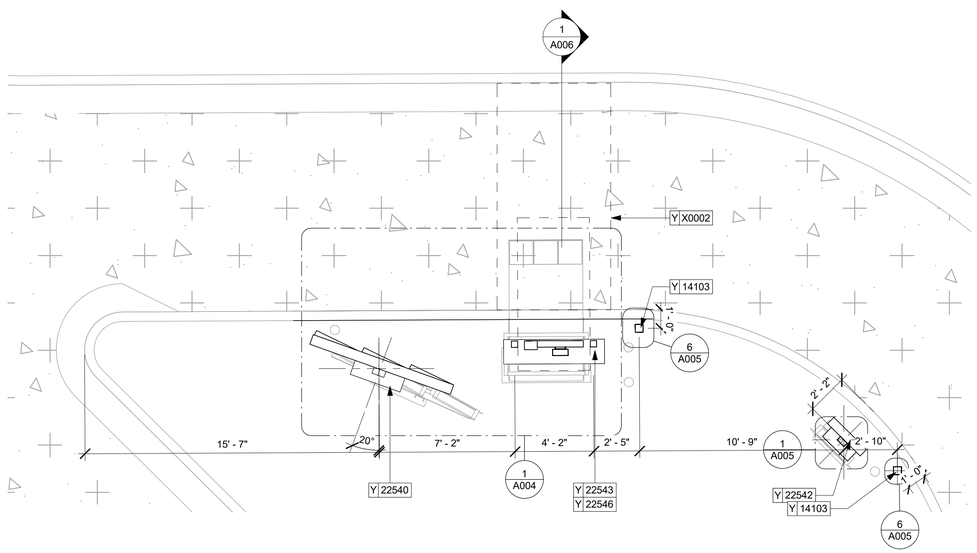
12/5/2023 3:48:40 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



1 ENLARGED ORDER POINT
Scale: 1/4" = 1'-0"



2 SITE PLAN - ORDER POINT
Scale: 1/4" = 1'-0"



3 SITE PLAN - ORDER POINT
Scale: 1/4" = 1'-0"

NOTE: SIGNAGE SHOWN FOR REFERENCE ONLY.
NOT INCLUDED IN TENANT BUILDOUT APPLICATION

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND &
SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

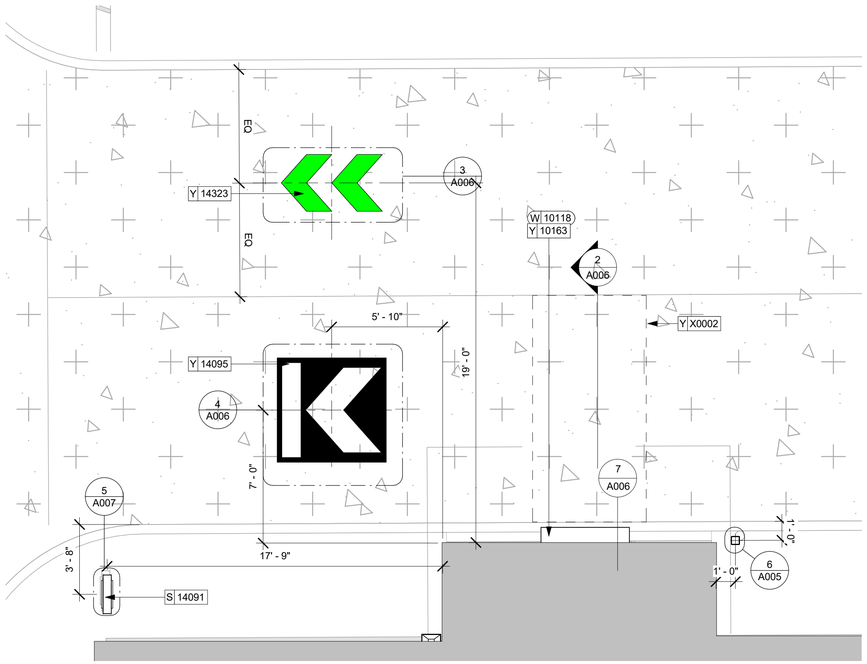
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ENLARGED SITE PLAN DETAILS
SCALE: AS SHOWN

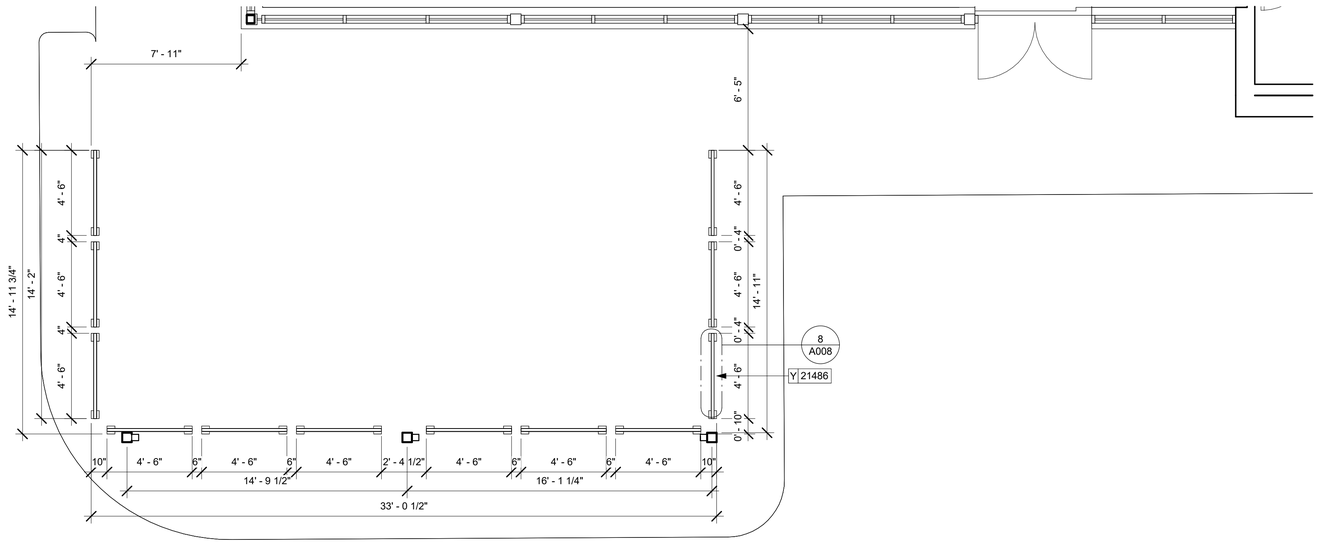
SHEET NUMBER:
A002

12/5/2023 3:48:41 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



2 ENLARGED DRIVE-THRU BUMPOUT

Scale: 1/4" = 1'-0"



1 ENLARGED PATIO

Scale: 1/4" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND &
SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

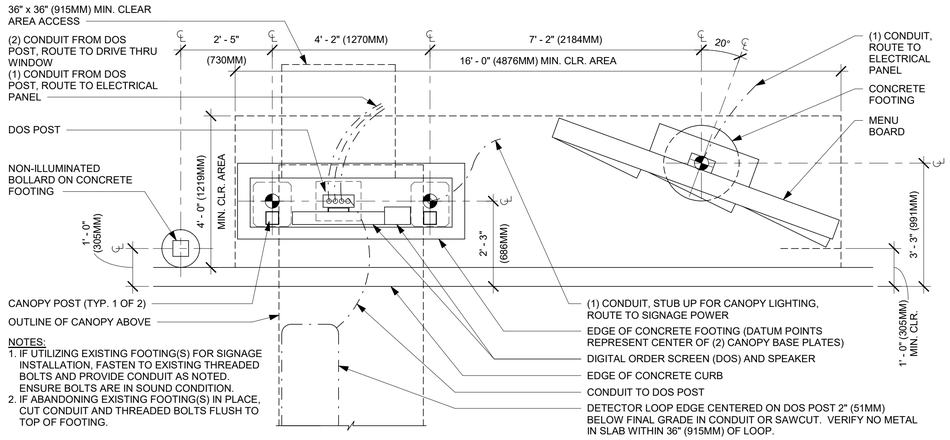
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ENLARGED SITE PLAN DETAILS
SCALE: AS SHOWN

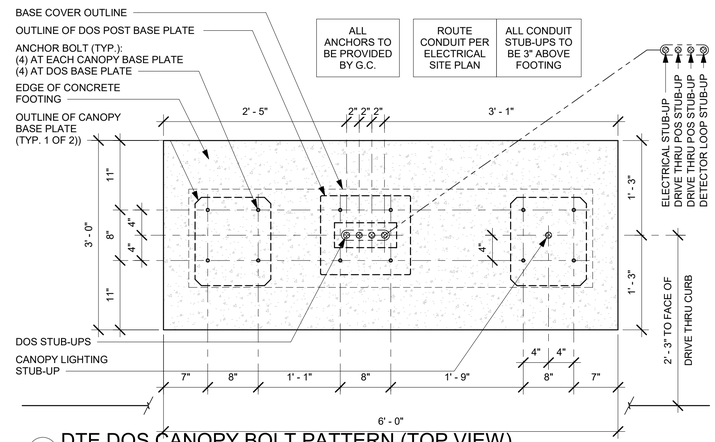
SHEET NUMBER:
A003

12/5/2023 3:48:42 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

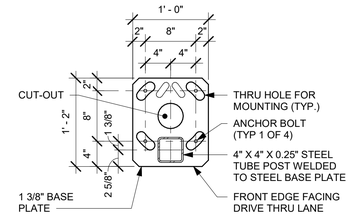


NOTES:
1. IF UTILIZING EXISTING FOOTING(S) FOR SIGNAGE INSTALLATION, FASTEN TO EXISTING THREADED BOLTS AND PROVIDE CONDUIT AS NOTED. ENSURE BOLTS ARE IN SOUND CONDITION.
2. IF ABANDONING EXISTING FOOTING(S) IN PLACE, CUT CONDUIT AND THREADED BOLTS FLUSH TO TOP OF FOOTING.

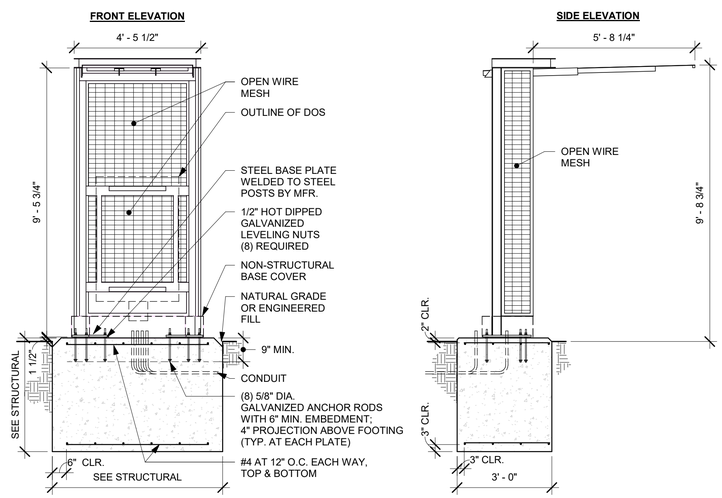
1 DTE - 5 PANEL 20º DT MENU BOARD, DIGITAL ORDER SCREEN WITH CANOPY
Scale: 1/2" = 1'-0"



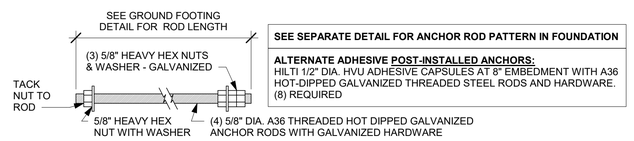
2 DTE DOS CANOPY BOLT PATTERN (TOP VIEW)
Scale: 1" = 1'-0"



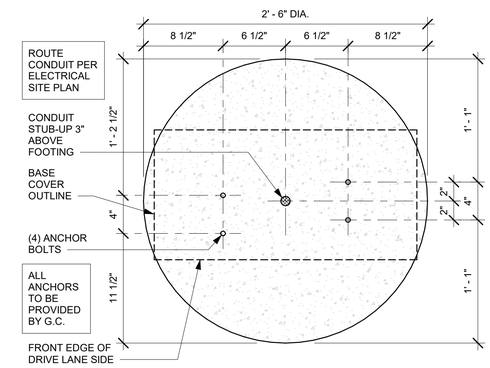
3 DTE DOS CANOPY BASE PLATE
Scale: 1" = 1'-0"



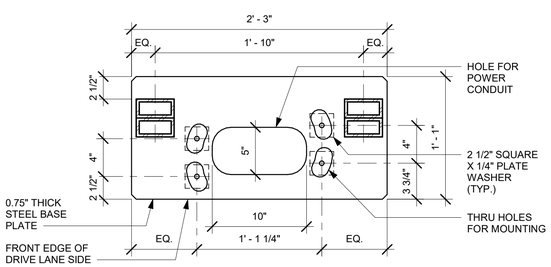
4 DTE DOS CANOPY GROUND FOOTING
Scale: 3/8" = 1'-0"



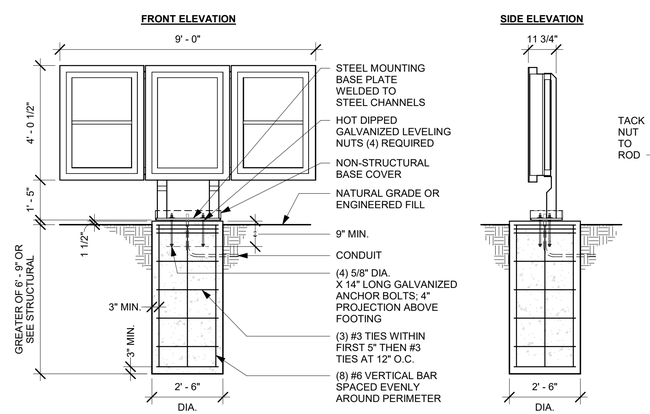
5 DTE DOS CANOPY ANCHOR ROD
Scale: 3" = 1'-0"



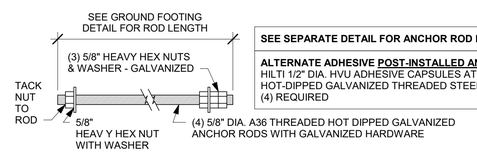
6 DTE 5-PANEL MENU BOARD BOLT PATTERN (TOP VIEW)
Scale: 1 1/2" = 1'-0"



7 DTE 5-PANEL MENU BOARD BASE PLATE
Scale: 1 1/2" = 1'-0"



8 DT 5-PANEL MENU BOARD GROUND FOOTING
Scale: 3/8" = 1'-0"



9 DTE 5-PANEL MENU BOARD ANCHOR ROD
Scale: 3" = 1'-0"

NOTE: SIGNAGE SHOWN FOR REFERENCE ONLY. NOT INCLUDED IN APPLICATION

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

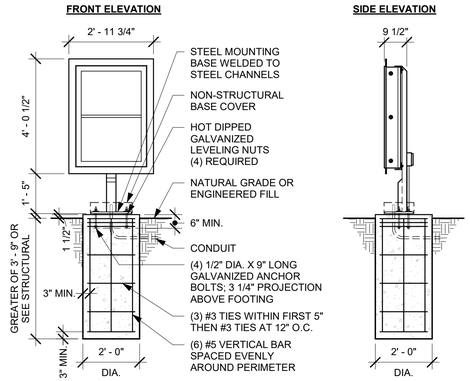
Revision Schedule

Rev	Date	By	Description

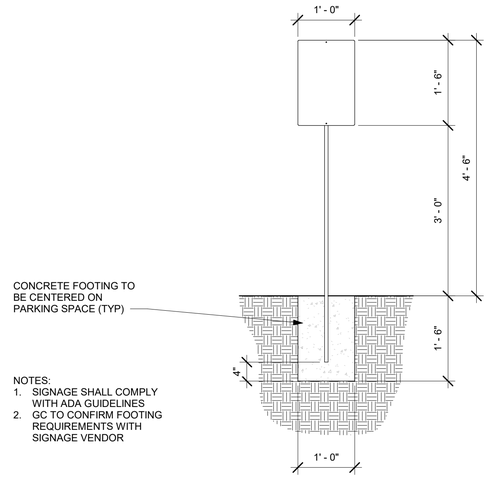
SHEET TITLE:
ARCHITECTURAL SITE DETAILS
SCALE: AS SHOWN

SHEET NUMBER:
A004

12/5/2023 3:48:44 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

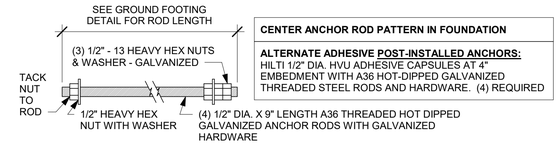


1 DTE PRE-MENU GROUND FOOTING
Scale: 3/8" = 1'-0"



NOTES:
1. SIGNAGE SHALL COMPLY WITH ADA GUIDELINES
2. GC TO CONFIRM FOOTING REQUIREMENTS WITH SIGNAGE VENDOR

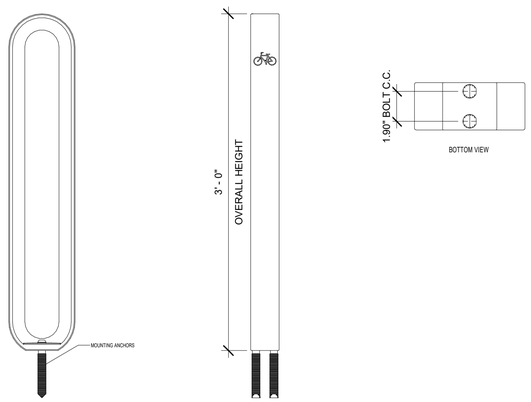
2 FOOTING @ PARKING SIGN
Scale: 3/4" = 1'-0"



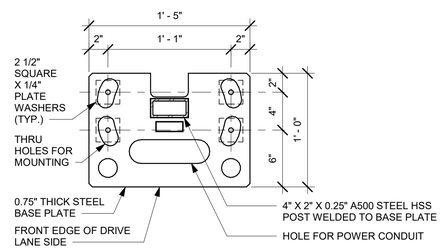
CENTER ANCHOR ROD PATTERN IN FOUNDATION

ALTERNATE ADHESIVE POST-INSTALLED ANCHORS:
HILTI 1/2" DIA. HVU ADHESIVE CAPSULES AT 4" EMBEDMENT WITH A36 HOT-DIPPED GALVANIZED THREADED STEEL RODS AND HARDWARE. (4) REQUIRED

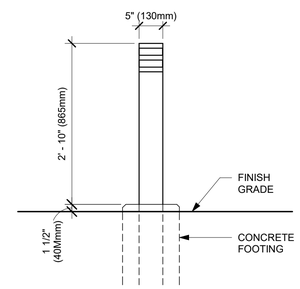
3 DTE PRE-MENU ANCHOR ROD
Scale: 3" = 1'-0"



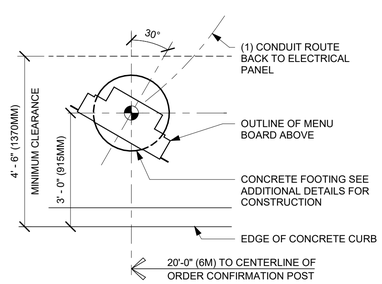
4 BIKE RACK INSTALLATION
Scale: 1 1/2" = 1'-0"



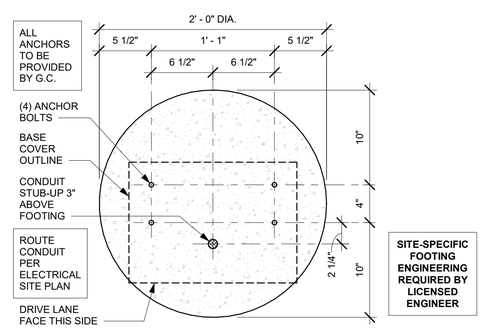
5 DTE PRE-MENU BASE PLATE
Scale: 1 1/2" = 1'-0"



6 DTE - NON-ILLUMINATED BOLLARD
Scale: 3/4" = 1'-0"



7 PRE-MENU 30 DEG
Scale: 1/2" = 1'-0"



8 DTE PRE-MENU BOLT PATTERN (TOP VIEW)
Scale: 1 1/2" = 1'-0"

NOTE: SIGNAGE SHOWN FOR REFERENCE ONLY. NOT INCLUDED IN APPLICATION

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

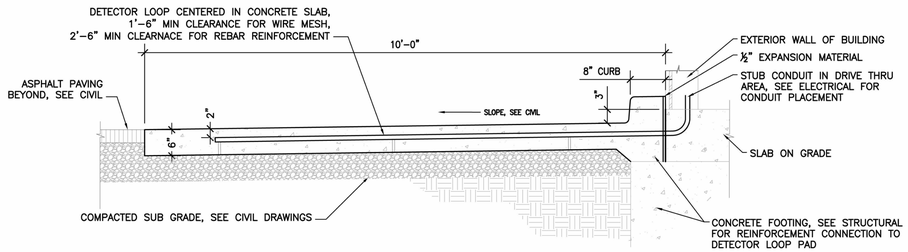
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ARCHITECTURAL SITE DETAILS
SCALE: AS SHOWN

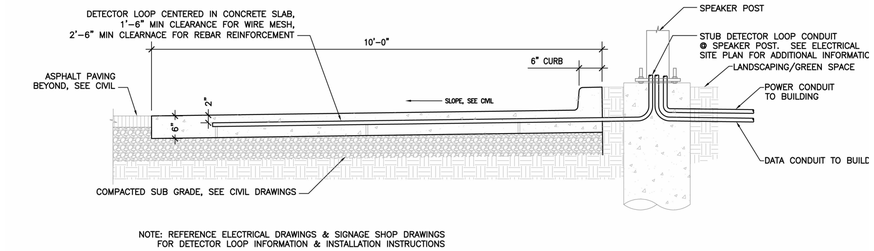
SHEET NUMBER:
A005

12/5/2023 3:48:45 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



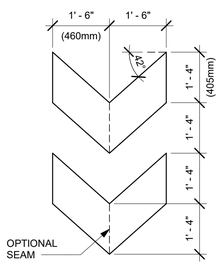
1 SECTION @ DETECTOR LOOP IN CONCRETE PAD AT THE MENU BOARD

Scale: 1 1/2" = 1'-0"



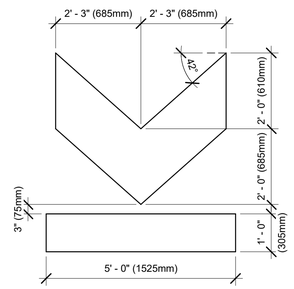
2 SECTION @ DETECTOR LOOP IN CONCRETE PAD AT DRIVE THRU WINDOW

Scale: 1 1/2" = 1'-0"



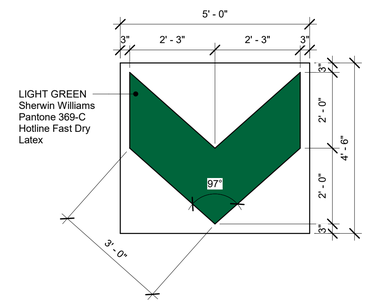
3 DTE - WAYFINDING GRAPHIC ARROW - DOUBLE

Scale: 1/2" = 1'-0"



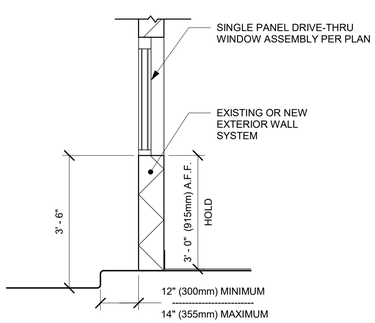
4 DTE - WAYFINDING GRAPHIC ARROW - EXIT

Scale: 1/2" = 1'-0"



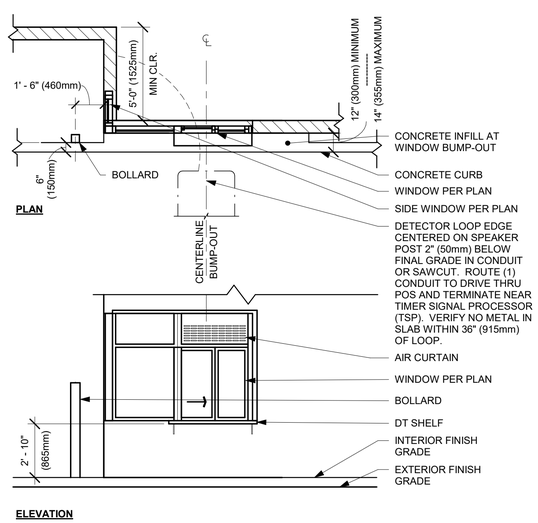
5 WAYFINDING GRAPHIC ARROW - ENTRY

Scale: 1/2" = 1'-0"



6 DRIVE THRU WINDOW

Scale: 1/2" = 1'-0"



7 DRIVE THRU WINDOW BUMP-OUT

Scale: 1/4" = 1'-0"

NOTE: SIGNAGE SHOWN FOR REFERENCE ONLY. NOT INCLUDED IN APPLICATION

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

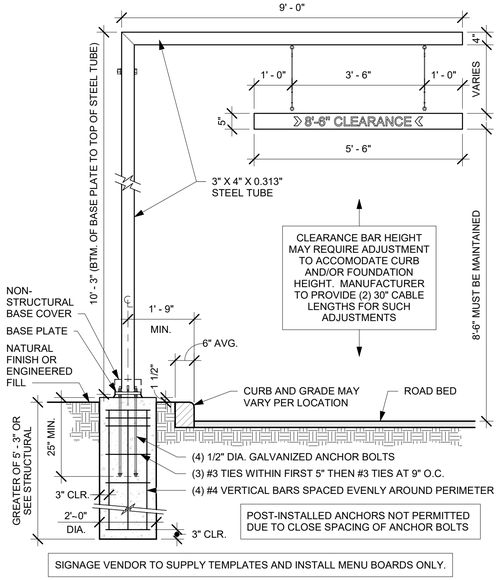
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ARCHITECTURAL SITE DETAILS
SCALE: AS SHOWN

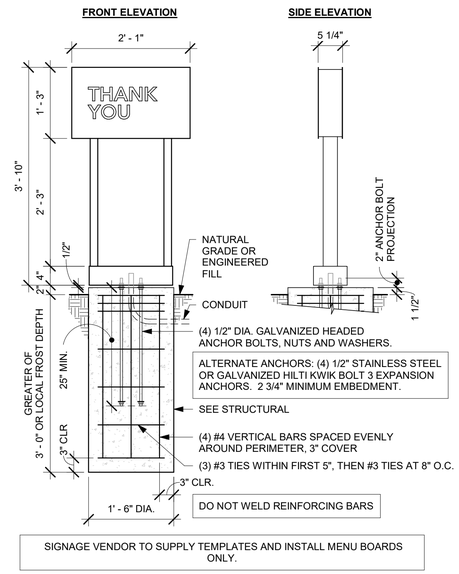
SHEET NUMBER:
A006

12/5/2023 3:48:46 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



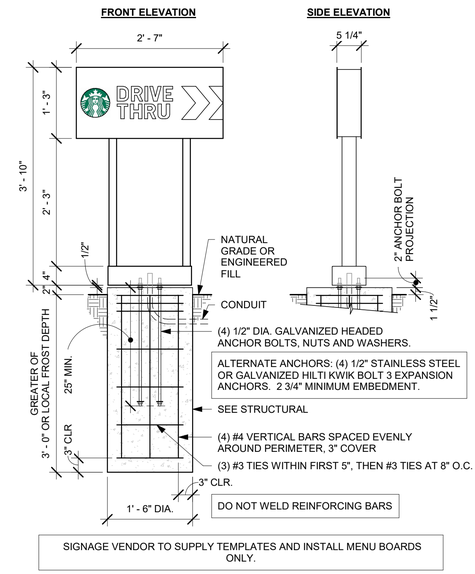
1 DTE CLEARANCE BAR GROUND FOOTING

Scale: 1/2" = 1'-0"



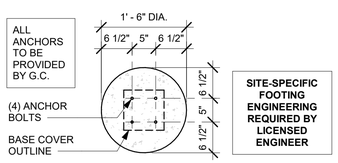
5 DTE EXIT SIGNAGE GROUND FOOTING

Scale: 3/4" = 1'-0"



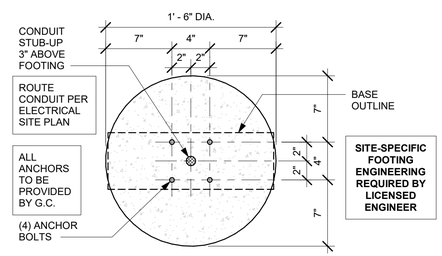
8 DTE ARROW AND LOGO SIGNAGE GROUND FOOTING

Scale: 3/4" = 1'-0"



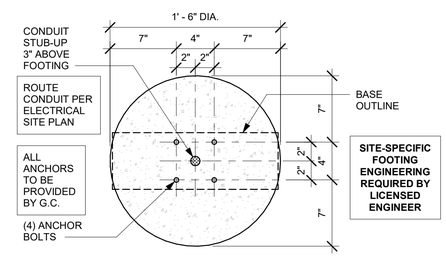
2 DTE CLEARANCE BAR BOLT PATTERN (TOP VIEW)

Scale: 3/4" = 1'-0"



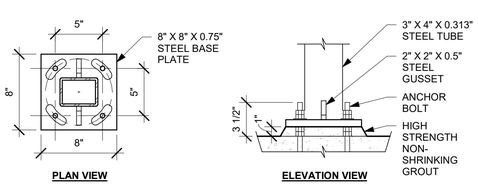
6 DTE EXIT SIGNAGE BOLT PATTERN (TOP VIEW)

Scale: 1 1/2" = 1'-0"



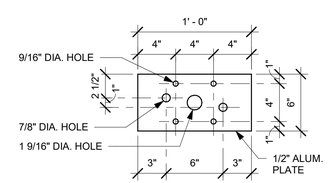
9 DTE ARROW AND LOGO SIGNAGE BOLT PATTERN (TOP VIEW)

Scale: 1 1/2" = 1'-0"



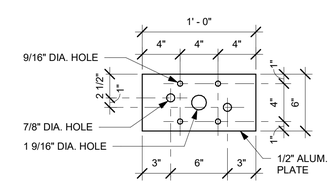
3 DTE CLEARANCE BAR BASE PLATE

Scale: 1 1/2" = 1'-0"



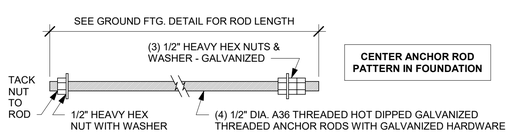
7 DTE EXIT SIGNAGE BASE PLATE

Scale: 1 1/2" = 1'-0"



10 DTE ARROW AND LOGO SIGNAGE BASE PLATE

Scale: 1 1/2" = 1'-0"



4 DTE CLEARANCE BAR ANCHOR ROD

Scale: 3" = 1'-0"

NOTE: SIGNAGE SHOWN FOR REFERENCE ONLY. NOT INCLUDED IN APPLICATION

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

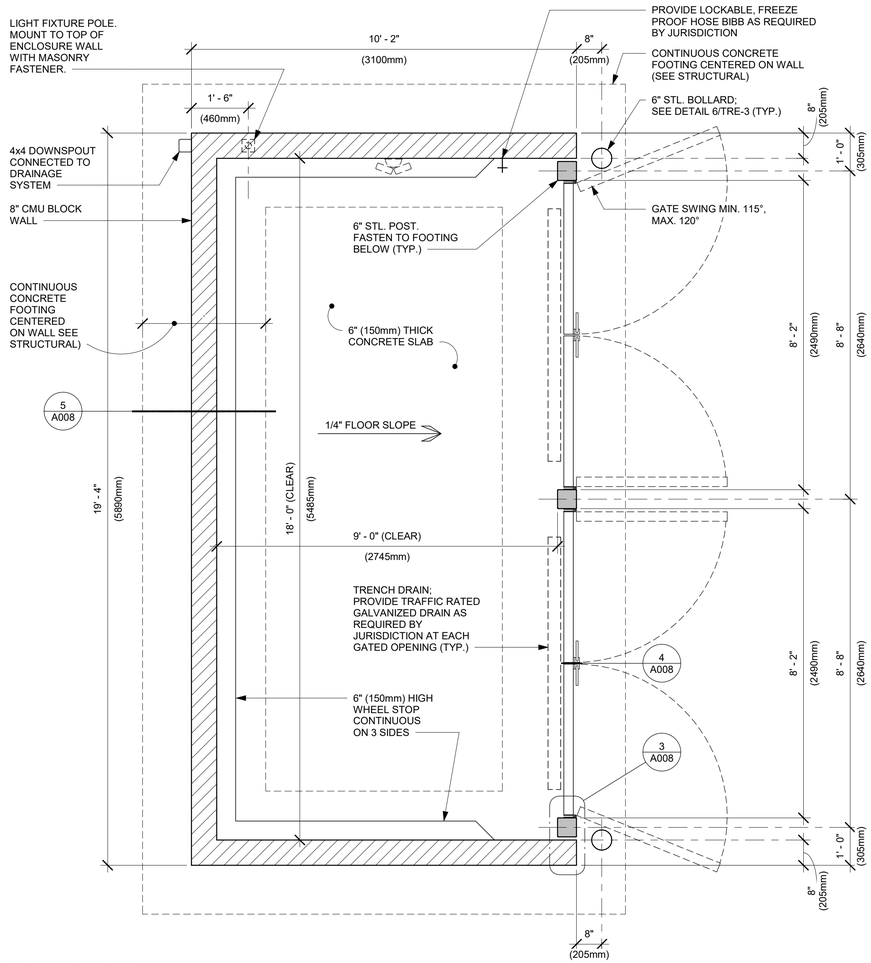
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ARCHITECTURAL SITE DETAILS
SCALE: AS SHOWN

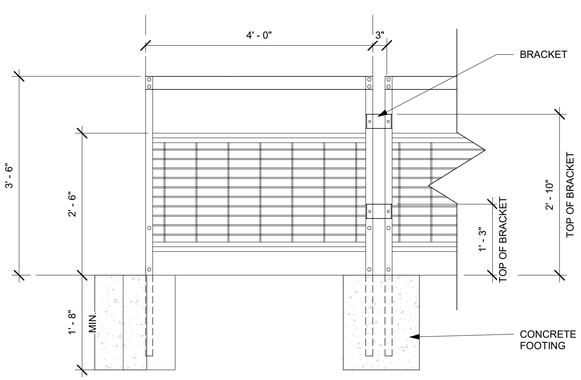
SHEET NUMBER:
A007

12/5/2023 3:48:47 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



1 FLOOR PLAN
Scale: 1/2" = 1'-0"

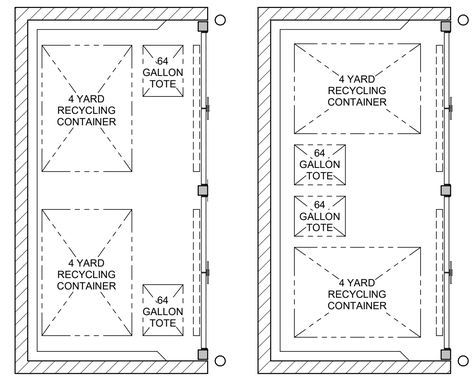
RAILING SPECIFICATION: REFER TO SITE SCHEDULE.



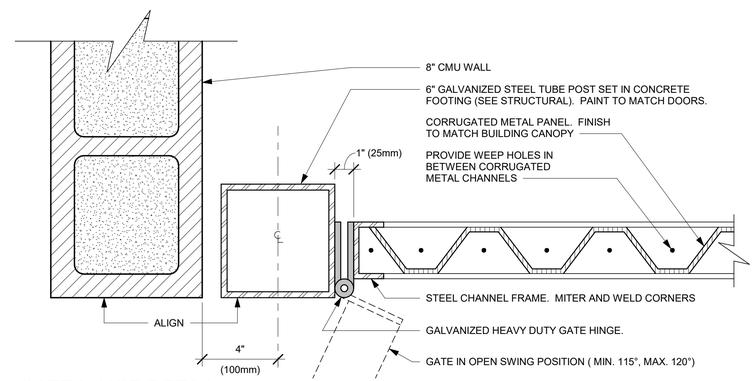
8 SITE RAILING W/ FOOTING
Scale: 3/4" = 1'-0"

EXTERIOR FINISH NOTES

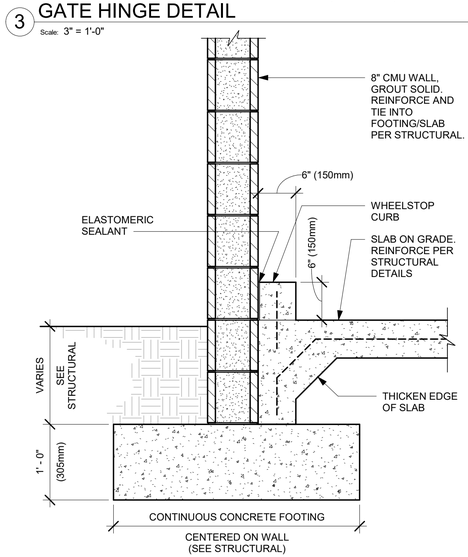
1. THE INTERIOR WALL SURFACES OF THE TRASH ENCLOSURE ARE TO BE SMOOTH, SEALED AND WASHABLE. APPLY ONE COAT EPOXY FILLER/SEALER AND ONE COAT GLOSS POLYURETHANE.
2. RUNNING BOND INTEGRAL CMU COLOR OR CMU PAINTED TO MATCH BUILDING. STRUCTURAL ENGINEER TO PROVIDE MASONRY SPECIFICATIONS.



2 CONTAINER LAYOUT OPTIONS
Scale: 1/4" = 1'-0"

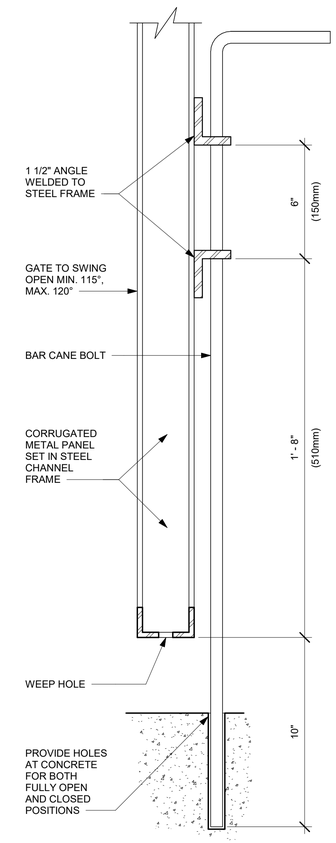


3 GATE HINGE DETAIL
Scale: 3" = 1'-0"

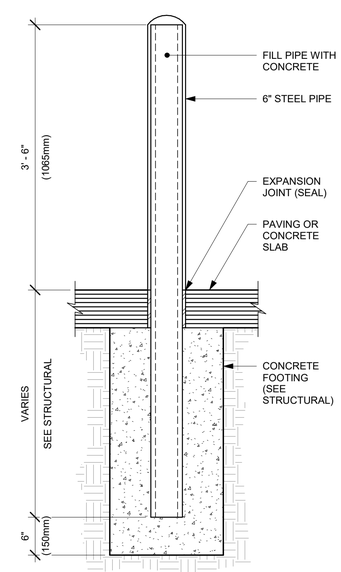


5 TYPICAL CMU WALL FOOTING
Scale: 1" = 1'-0"

NOTE: ALL SIGNAGE UNDER SEPARATE PERMIT. SHOWN FOR COORDINATION PURPOSES ONLY.



4 SECTION AT CANE BOLT
Scale: 3" = 1'-0"



6 TRASH ENCLOSURE BOLLARD
Scale: 1" = 1'-0"

FINAL BID / PERMIT SET - ISSUED 4.2.2021

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

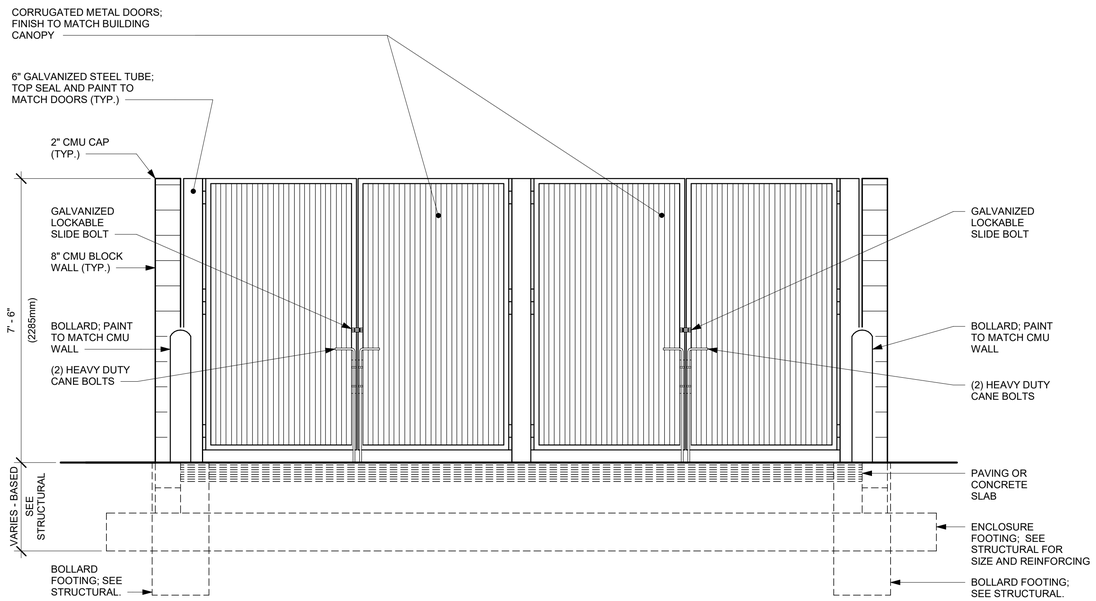
Rev	Date	By	Description

SHEET TITLE:
ARCHITECTURAL SITE DETAILS
SCALE: AS SHOWN

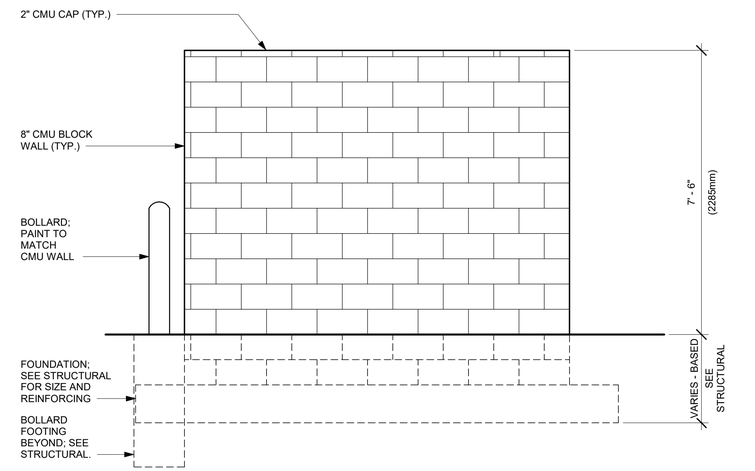
SHEET NUMBER:
A008

12/5/2023 3:48:49 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

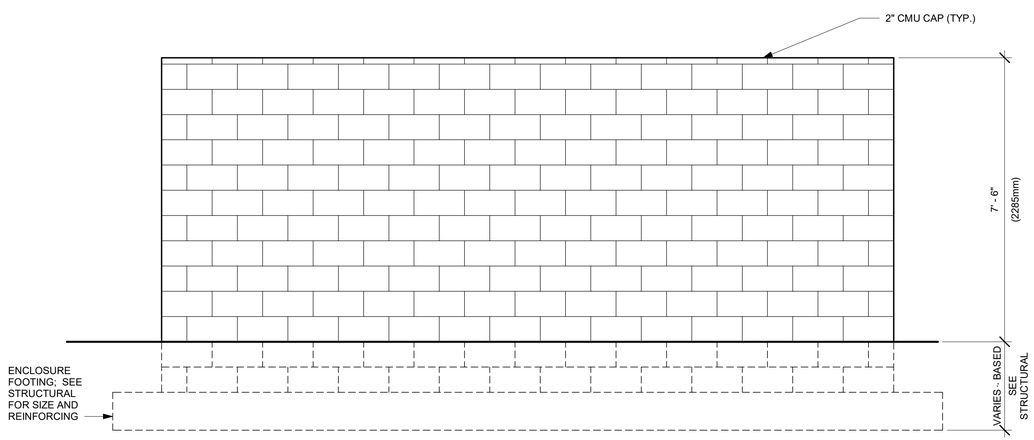
NOTE: ALL SIGNAGE UNDER SEPARATE PERMIT. SHOWN FOR COORDINATION PURPOSES ONLY.



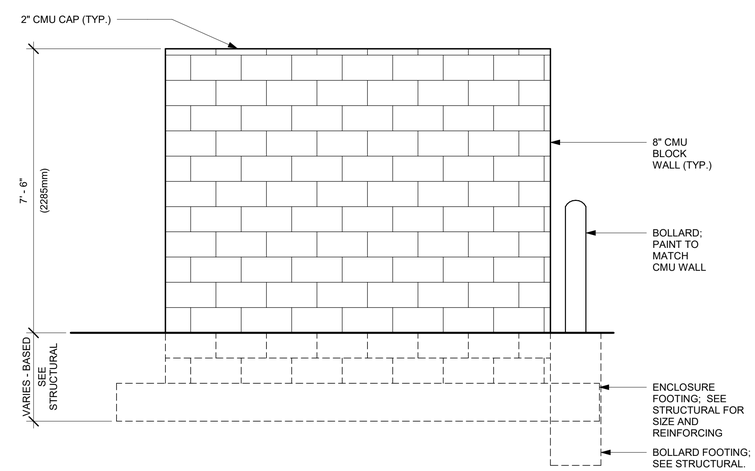
1 FRONT ELEVATION
Scale: 1/2" = 1'-0"



2 SIDE ELEVATION "A"
Scale: 1/2" = 1'-0"



3 BACK ELEVATION
Scale: 1/2" = 1'-0"



4 SIDE ELEVATION "B"
Scale: 1/2" = 1'-0"

FINAL BID / PERMIT SET - ISSUED 4.2.2021

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

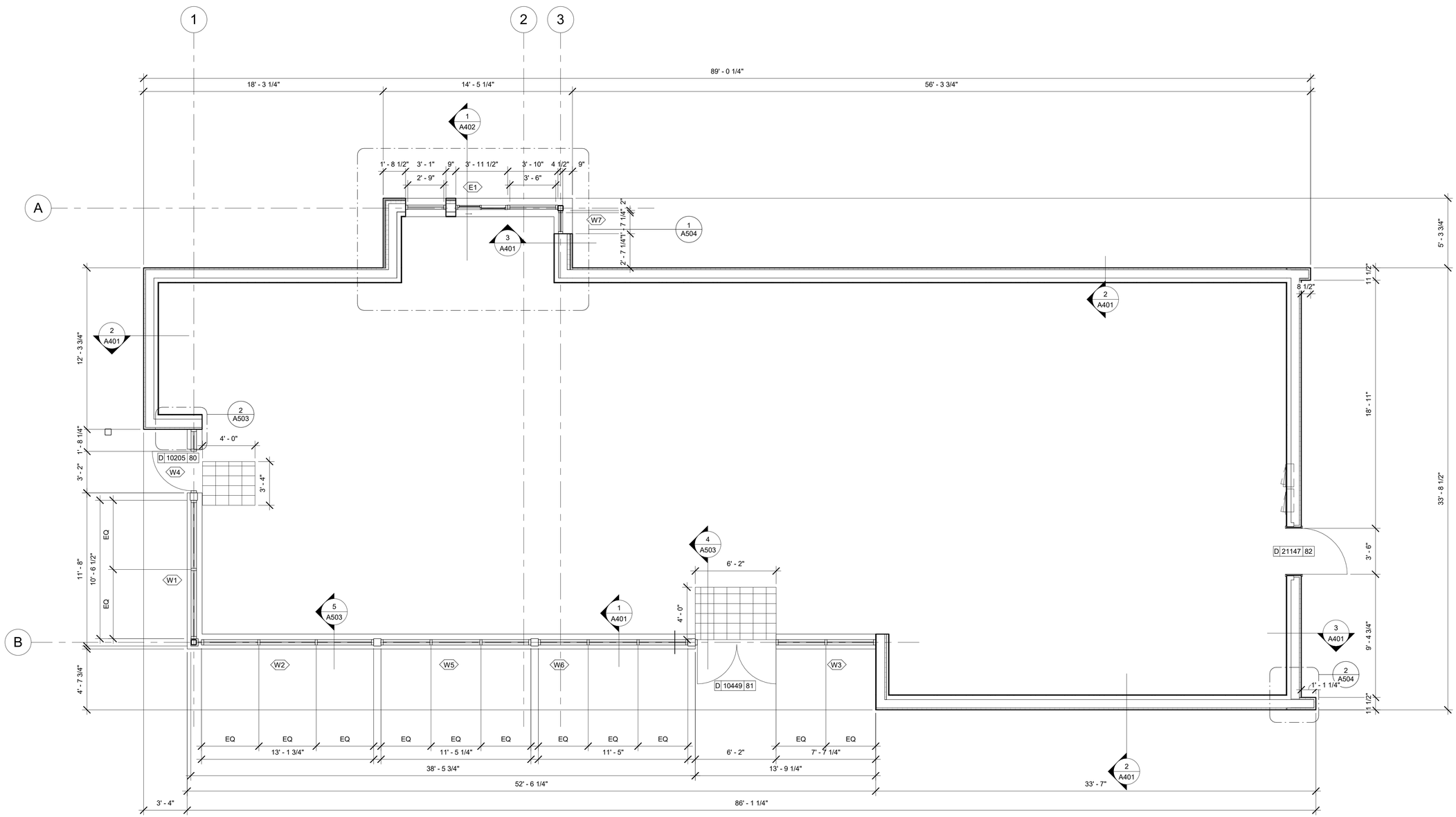
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ARCHITECTURAL SITE DETAILS
SCALE: AS SHOWN

SHEET NUMBER:
A009

12/5/2023 3:48:50 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



EXTERIOR ENVELOPE FLOOR PLAN

Scale: 1/4" = 1'-0"

12/5/2023 3:48:51 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
SHELL BUILDING FLOOR PLAN
SCALE: AS SHOWN

SHEET NUMBER:
A100

INTERIOR WALL SCHEDULE			
TAG	DESCRIPTION	INSULATION	NOTES
3-T-A	3 5/8" 20 GA STUDS @ 16" O.C.	ACOUSTIC	TERMINATE 6" ABOVE CEILING. PROVIDE 45 DEGREE METAL STUD BRACING AT 48" O.C. FROM STUD WALL TO STRUCTURE ABOVE. SEE PLAN FOR WALL SHEATHING.
3-T-N	3 5/8" 20 GA STUDS @ 16" O.C.	NONE	TERMINATE 6" ABOVE CEILING. PROVIDE 45 DEGREE METAL STUD BRACING AT 48" O.C. FROM STUD WALL TO STRUCTURE ABOVE. SEE PLAN FOR WALL SHEATHING.
4-T-A	6" 20 GA STUDS @ 16" O.C.	ACOUSTIC	TERMINATE 6" ABOVE CEILING. PROVIDE 45 DEGREE METAL STUD BRACING AT 48" O.C. FROM STUD WALL TO STRUCTURE ABOVE. SEE PLAN FOR WALL SHEATHING.
4-T-N	6" 20 GA STUDS @ 16" O.C.	NONE	TERMINATE 6" ABOVE CEILING. PROVIDE 45 DEGREE METAL STUD BRACING AT 48" O.C. FROM STUD WALL TO STRUCTURE ABOVE. SEE PLAN FOR WALL SHEATHING.

WALL BLOCKING KEY

SYMBOL	ITEM	WEIGHT	HEIGHT A.F.F.	APPROX. WIDTH
A	WORKROOM HAND SINK	128 LBS (58 KG)	36" TO 40" (915MM TO 1015MM)	30" (760MM) BEHIND SINK
B	SHELVES ABOVE COMPARTMENT SINK	200 LBS (91 KG)	48" TO 76" (1220MM TO 1930MM)	96" (2440MM) CENTERED ABOVE COMPARTMENT SINK
C	UPPER WIRE SHELVES	BLOCKING SPECIFICATION TO BE PROVIDED BY VENDOR		
D	SHELVES AT MANAGER'S DESK	300 LBS (136 KG)	32" TO 96" (810MM TO 2440MM)	48" (1220MM) 3/4 (19MM) ACX PLYWOOD, CENTERED ON SHELVES
E	EQUIPMENT RACK AT MANAGER'S DESK	300 LBS (136 KG)	44" TO 96" (1120MM TO 2440MM)	28" (710MM) 3/4 (19MM) ACX PLYWOOD, CENTERED ON RACK
F	METRO SHELVES	BLOCKING SPECIFICATION TO BE PROVIDED BY VENDOR. IN-WALL BLOCKING PREFERRED, HOWEVER EXISTING FRP FINISHED WALL MAY RECEIVED SURFACE MOUNTED, PAINTED WHITE		
G	RESTROOM GRAB BARS	200 LBS (91 KG)	30" TO 36" (760MM TO 915MM)	60" (1525MM) AROUND WATER CLOSET
H	RESTROOM HAND SINK	200 LBS (91 KG)	COMMERCIAL INSTALLATION REQUIRES CONCEALED ARM CARRIER. REFER TO MFR'S SPECIFICATION.	
I	MILLWORK BOXES	BLOCKING SPECIFICATION FOR FRENCH CLEATING SYSTEM. REFER TO DETAILS.		
J	DIAPER CHANGING STATION	250 LBS (113 KG)	40 1/2" TO 46 1/2" (1030MM TO 1180MM)	32" (810MM) BEHIND STATION
K	UPPER CBE SHELVING	BLOCKING SPECIFICATION FOR CBE METAL SHELVES. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
L	WATER FILTRATION SYSTEM	TBD BY VENDOR	COORDINATE LOCATION AND EXTENT WITH PENTAIR	
M	MENU BOARDS (FUTURE DIGITAL MENU BOARDS)	480 LBS	EXTEND 4" ABOVE AND BELOW EXTENTS OF MENU	EXTENT OF MENUS, EXTEND 4" ON EITHER SIDE . REFER TO BLOCKING DETAIL.
N	PARTNER LOCKERS	SEE SPECIFICATIONS FOR MANUFACTURER'S RECOMMENDATIONS		
O	DT UPPER CUBBIES	BLOCKING SPECIFICATION FOR FRENCH CLEATING SYSTEM. REFER TO DETAILS.		
P	COAT RACK	200 LBS (91 KG)	SEE INTERIOR ELEVATIONS FOR EXTENTS	
Q	RESTROOM HAND DRYER	200 LBS (91 KG)	36" TO 48"	24" STARTING CENTERED ON HAND DRYER
R	ALL ARTWORK, FIXTURES, ACCESSORIES AND CASEWORK FABRICATIONS NOT OTHERWISE NOTED	TBD BY VENDOR (VARIES)	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.	

WALL SHEATHING KEY

SYMBOL	DESCRIPTION
▲	INDICATES SHEATHING TRANSITION
A	5/8" GYP. WALL BOARD (FULL WALL HEIGHT)
B	5/8" GYP. WALL BOARD (TERMINATE AT 6" (150MM) ABOVE CEILING)
C	5/8" CEMENTITIOUS BACKER BOARD (TERMINATE AT 6" (150MM) ABOVE CEILING)
D	5/8" CEMENTITIOUS BACKER BOARD (FULL WALL HEIGHT)
E	5/8" MOISTURE RESISTANT GYP. WALL BOARD (TERMINATE AT 6" (150MM) ABOVE CEILING)
F	5/8" MOISTURE RESISTANT GYP. WALL BOARD (FULL WALL HEIGHT)
G	5/8" PLYWOOD (TERMINATE AT 6" (150MM) ABOVE CEILING)
H	5/8" PLYWOOD (FULL WALL HEIGHT)

KEYED NOTES

1. GC TO VERIFY OVERALL DIMENSIONS OF SPACE PRIOR TO LAYING OUT WALLS. CONTACT AOR IMMEDIATELY IF DISCREPANCIES OCCUR.
2. INSTALL NEW CONCRETE SLAB OVER VAPOR BARRIER OVER EXISTING COMPACTED FILL. IF APPLICABLE: REFER TO STRUCTURAL FOR CONNECTION OF NEW SLAB TO EXISTING.
3. INSTALL NEW DOORS AS INDICATED. SEE SHEET A601 FOR DOOR AND HARDWARE TYPE.
4. ALIGN FACE OF FINISHED WALL.
5. SHELF FOR WATER HEATER ABOVE. REFER TO INTERIOR ELEVATION FOR HEIGHT AND DETAILS FOR CONSTRUCTION OF PLATFORM AND SUPPORTING ASSEMBLY.
6. ELECTRICAL PANEL LOCATIONS. MAINTAIN MINIMUM CLEARANCE AS REQUIRED BY CODE.
7. FUR OUT INTERIOR FACE OF WALL
8. PROVIDE 3/4" BLOCKING TO 34" A.F.F FOR ALL WALL FRAMES TO SUPPORT CASEWORK LEG.

GENERAL LEGEND

- NEW FULL HEIGHT WALL
- NEW PARTIAL HEIGHT WALL
- EXISTING WALL
- WALL BLOCKING CALL-OUT (XX)
- WALL SHEATHING CALL-OUT (XX)

GENERAL NOTES

A. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT.

B. GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING, OR EQUIVALENT TO SUPPORT ANY WALL ATTACHMENT AND/OR SIGNAGE.

C. IF EXISTING EXTERIOR ENTRANCE THRESHOLD EXCEEDS MINIMUM BARRIER FREE PROVISION OF THE CODE, REMOVE AND REPLACE WITH ACCESSIBLE THRESHOLD. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS TO BE BEVELED WITH A SLOPE NO GREATER THAN 1:12.

D. ALL DIMENSIONS ARE TO FINISHED FACE UNLESS SHOWN OR NOTED OTHERWISE.

E.. INSTALL MOISTURE RESISTANT GREEN BOARD ON BACKBAR WALL PER PROJECT MANUAL.

F. ALL DOORS SHALL BE 32" (815MM) MINIMUM CLEAR OPENING WHEN OPENED TO 90 DEGREE POSITION UNLESS OTHERWISE NOTED.

G. SEE SHEET A601 FOR EXTERIOR DOOR AND WINDOW SCHEDULES.

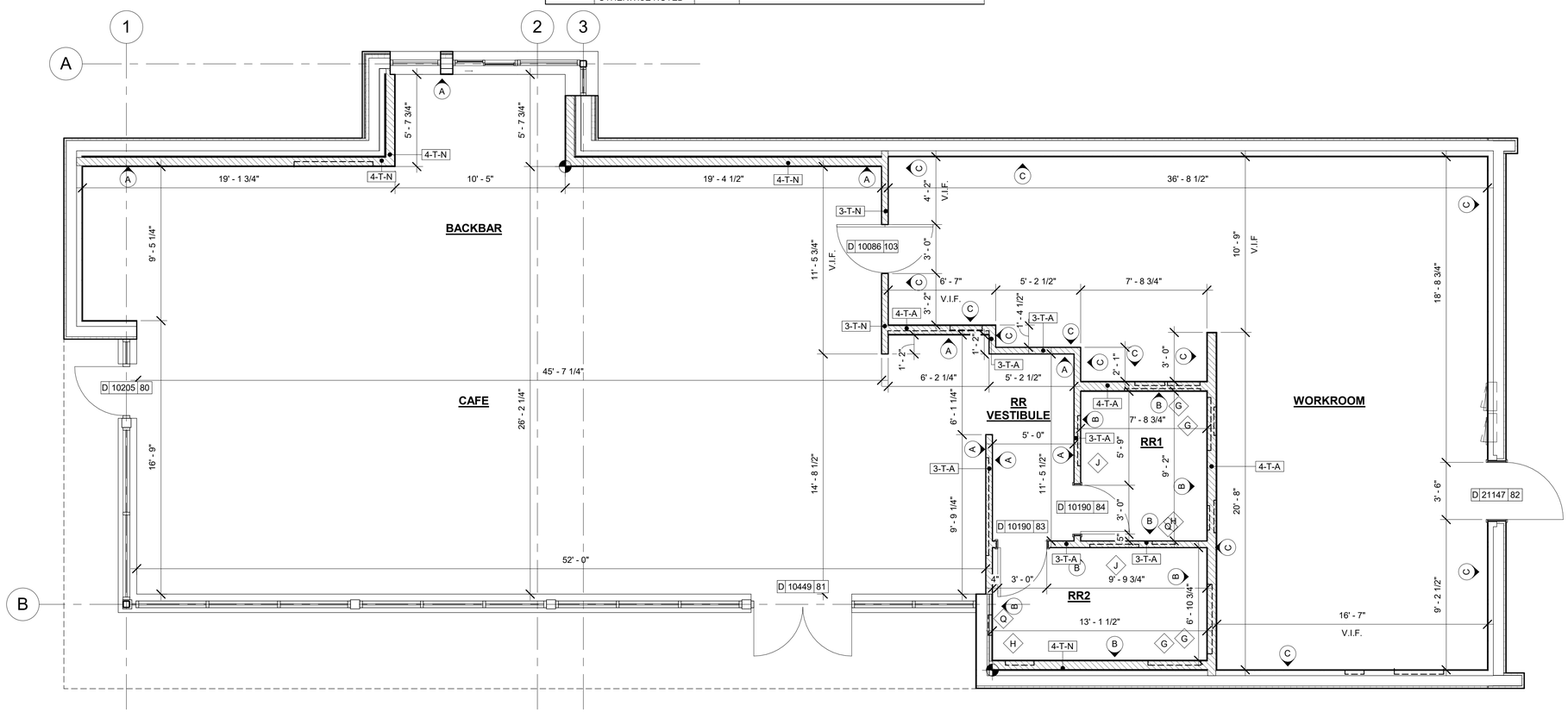
H. STARBUCKS VENDOR TO PROVIDE DOOR HARDWARE COMPONENTS AND GC TO INSTALL.

I. VERIFY ALL EXISTING DOORS, HARDWARE AND FRAMES MEET STARBUCKS AND/OR CODE REQUIREMENTS.

J. PROVIDE FIRE EXTINGUISHERS AS NOTED ON THE APPROVED PLANS FROM THE CITY.

K. REFER TO SHEET I104 FOR FLOOR FINISHES.

L. AT ALL FULL-HEIGHT PARTITIONS, PROVIDE SLOTTED TOP TRACK TO ALLOW FOR STRUCTURAL DEFLECTION, ATTACHED TO TOP CORD OF TRUSS OR DECK ONLY. CUT STUDS 1/2" SHORT OF FULL HEIGHT AND CONNECT ONLY TO SLOTS AT TOP TRACK. NO CONNECTIONS TO BE MADE TO BOTTOM CORD OF TRUSS OR OTHER TRUSS MEMBERS. NO KICKERS TO BE USED AT FULL-HEIGHT PARTITIONS.



INTERIOR PARTIITON FLOOR PLAN

Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
BUILDING FLOOR PLAN

SCALE: AS SHOWN

SHEET NUMBER:
A101

12/5/2023 3:48:54 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

KEYED NOTES

1. (3) 1/2" CONDUIT FOR PHONE, DATA, AND POWER FROM POS TO BE ROUTED TO CENTERLINE OF IT RACK AT MANAGERS DESK AS INDICATED. (1) 3/4" CONDUIT FOR DATA AT MANAGER'S DESK. STUB UPS TO BE WITHIN NEW PARTITION WALL. SEE MANAGER'S DESK DETAIL FOR MORE INFORMATION.
2. HOSE BIBS AT PATIO AND WORKROOM DOOR
3. PLUMBING STUB-UP LOCATION. SEE PLUMBING SHEETS.
4. FLOOR SINK LOCATION. SEE PLUMBING SHEETS.
5. FLOOR DRAIN LOCATION. SEE PLUMBING SHEETS.
6. EXTERIOR ELECTRICAL OUTLETS AT PATIO
7. NEW SWITCHING LOCATION
8. NEW SINK CONNECTION. REFER TO PLUMBING SHEETS FOR MORE INFORMATION.
9. NEW WASTELINE PENETRATION AS INDICATED.
10. DATUM FOR BACKBAR.
11. ELECTRICAL FLOOR PENERTATION.
12. DATUM FOR RESTROOMS / WORKROOM
13. DATUM FOR CAFE.
14. BACKFLOW PREVENTER LOCATION
15. ELECTRICAL PANEL LOCATIONS
16. ELECTRICAL STUB-UP LOCATION. SEE ELECTRICAL SHEETS.

GENERAL NOTES

A. ALL STUB-UP DIMENSIONS ARE RELATIVE TO FINISHED WALL LOCATIONS (SHOWN AS OUTLINES ON THIS PLAN). REFER TO FLOOR PLAN FOR WALL PLACEMENT.

B. FLOOR SINK: REFER TO CUT SHEETS FOR COMPONENT SPECIFICATIONS AND CUTOUT REQUIREMENTS.

C. WASTE LINE PENETRATIONS: REFER TO PLUMBING PLANS FOR INDIVIDUAL LINE LOCATIONS.

D. STUB-UP PENETRATIONS: REFER TO ELECTRICAL AND PLUMBING PLANS FOR INDIVIDUAL STUB-UP LOCATIONS.

E. TOILET FLOOR PENETRATION: REFER TO CUT SHEETS FOR STUB-UP LOCATION RELATIVE TO FINISHED WALL.

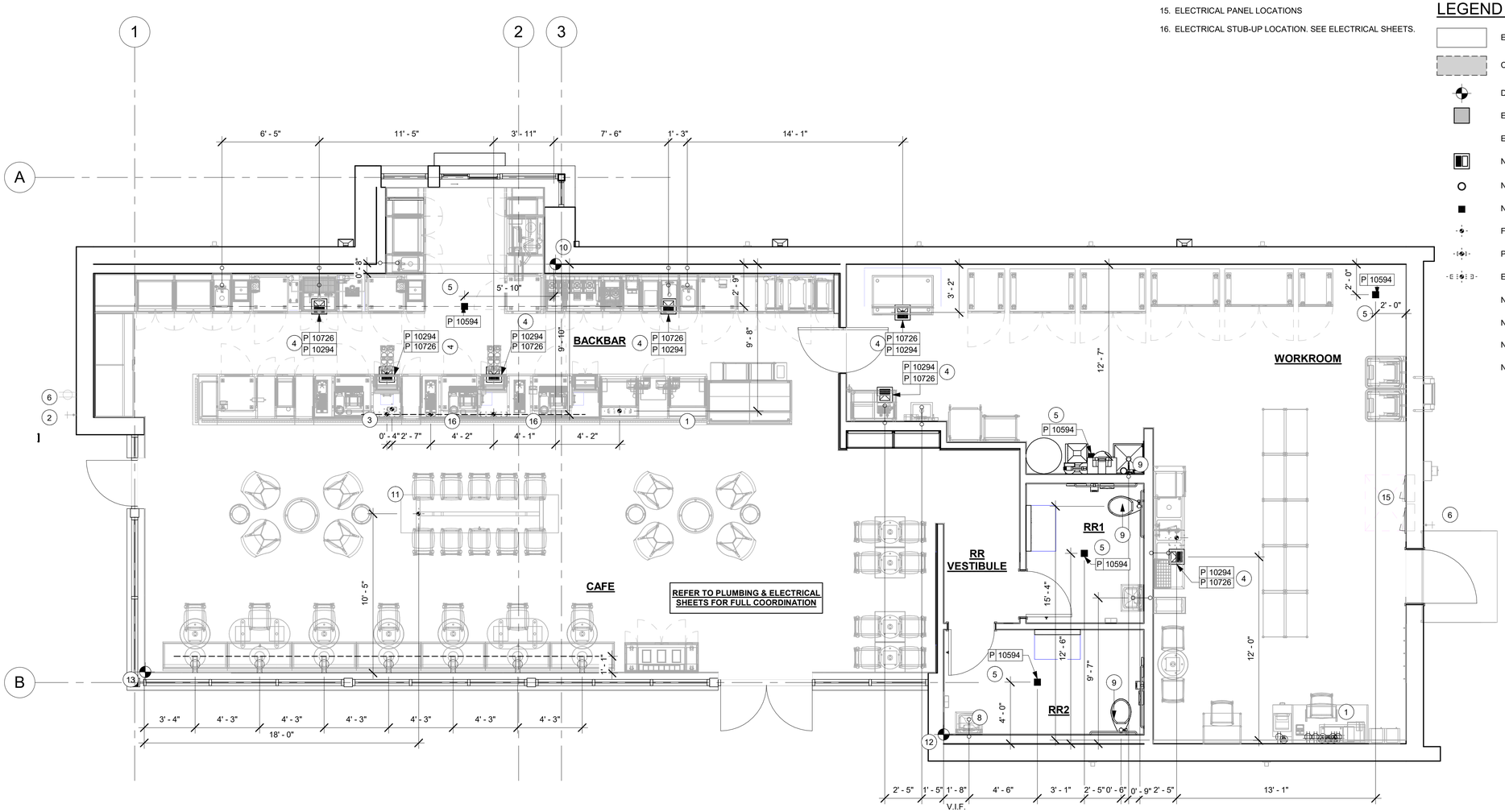
F. PENETRATION TO BE LOCATED ON CENTERLINE OF WALL OR AS REQUIRED PER CONDITIONS.

G. TRENCHING OUTLINE FOR GUIDELINE USE ONLY. GENERAL CONTRACTOR TO COORDINATE WITH SPECIFIC TRADES AND SITE CONDITIONS TO DETERMINE ACTUAL LAYOUT.

H. REFER TO SHEET I104 FOR FLOOR FINISHES.

LEGEND

- EXISTING WALL
- CONCRETE LEAVE-OUT
- DATUM POINT
- EXISTING FLOOR SINK - TO BE FILLED BY GC
- EXISTING FLOOR SINK
- NEW FLOOR SINK
- NEW HUB DRAIN
- NEW FLOOR DRAIN
- FLOOR PENETRATION
- PLUMBING PENETRATION AREA
- ELECTRICAL PENETRATION AREA
- NEW FLOOR DUPLEX
- NEW WALL DUPLEX RECEPTACLE
- NEW QUADPLEX RECEPTACLE
- NEW DATA RECEPTACLE



FLOOR PENETRATION PLAN

Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

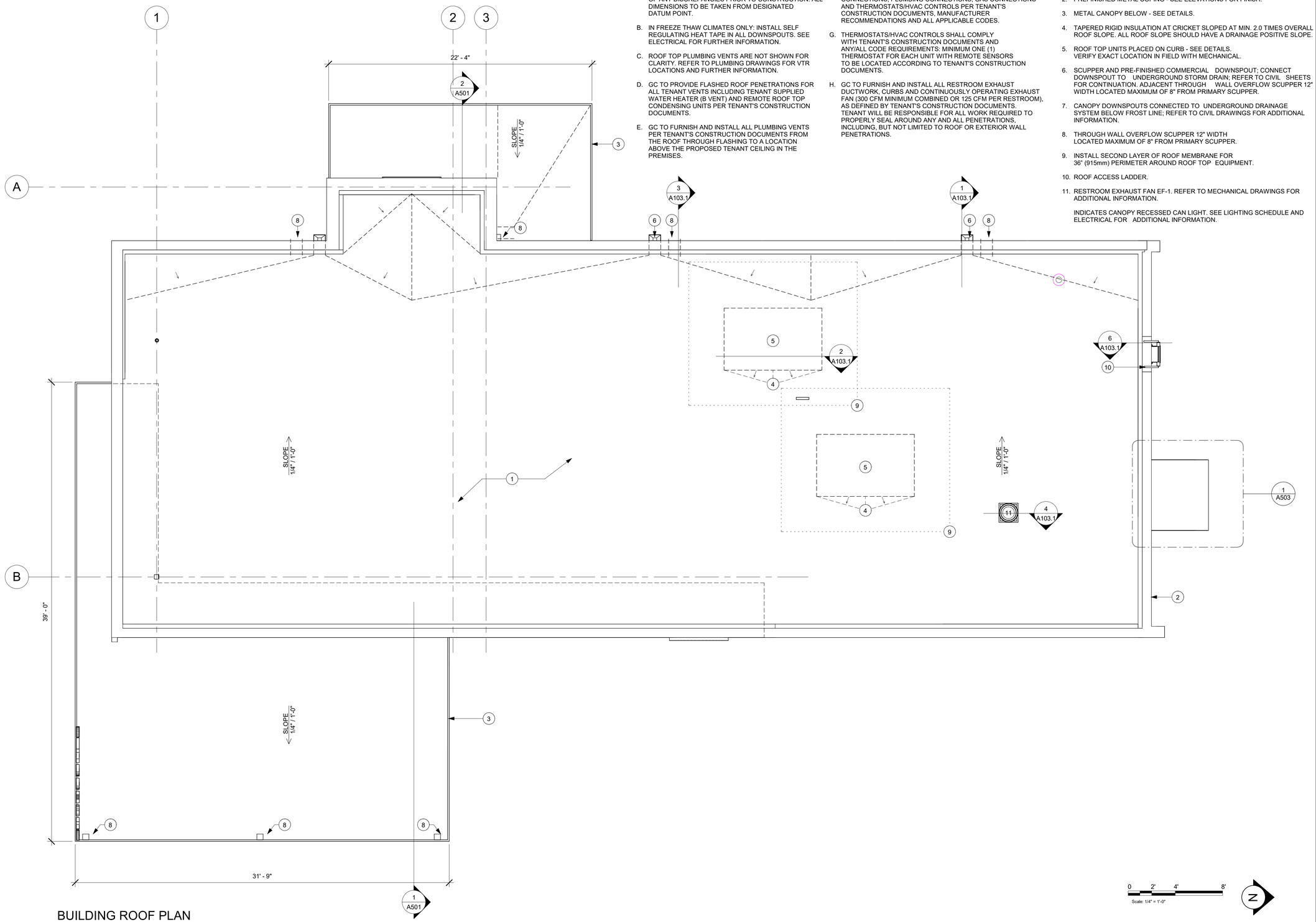
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
BUILDING FLOOR PENETRATION PLAN
SCALE: AS SHOWN

SHEET NUMBER:
A102

12/5/2023 3:49:23 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



BUILDING ROOF PLAN

Scale: 1/4" = 1'-0"

GENERAL NOTES

A. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT.

B. IN FREEZE THAW CLIMATES ONLY: INSTALL SELF REGULATING HEAT TAPE IN ALL DOWNSPOUTS. SEE ELECTRICAL FOR FURTHER INFORMATION.

C. ROOF TOP PLUMBING VENTS ARE NOT SHOWN FOR CLARITY. REFER TO PLUMBING DRAWINGS FOR VTR LOCATIONS AND FURTHER INFORMATION.

D. GC TO PROVIDE FLASHED ROOF PENETRATIONS FOR ALL TENANT VENTS INCLUDING TENANT SUPPLIED WATER HEATER (B VENT) AND REMOTE ROOF TOP CONDENSING UNITS PER TENANT'S CONSTRUCTION DOCUMENTS.

E. GC TO FURNISH AND INSTALL ALL PLUMBING VENTS PER TENANT'S CONSTRUCTION DOCUMENTS FROM THE ROOF THROUGH FLASHING TO A LOCATION ABOVE THE PROPOSED TENANT CEILING IN THE PREMISES.

F. GC TO FURNISH AND INSTALL HVAC ROOFTOP UNITS (RTU) OR SPLIT SYSTEMS, INCLUDING ALL ELECTRICAL CONNECTIONS, PLUMBING CONNECTIONS, GAS CONNECTIONS AND THERMOSTATS/HVAC CONTROLS PER TENANT'S CONSTRUCTION DOCUMENTS, MANUFACTURER RECOMMENDATIONS AND ALL APPLICABLE CODES.

G. THERMOSTATS/HVAC CONTROLS SHALL COMPLY WITH TENANT'S CONSTRUCTION DOCUMENTS AND ANY/ALL CODE REQUIREMENTS: MINIMUM ONE (1) THERMOSTAT FOR EACH UNIT WITH REMOTE SENSORS TO BE LOCATED ACCORDING TO TENANT'S CONSTRUCTION DOCUMENTS.

H. GC TO FURNISH AND INSTALL ALL RESTROOM EXHAUST DUCTWORK, CURBS AND CONTINUOUSLY OPERATING EXHAUST FAN (300 CFM MINIMUM COMBINED OR 125 CFM PER RESTROOM), AS DEFINED BY TENANT'S CONSTRUCTION DOCUMENTS. TENANT WILL BE RESPONSIBLE FOR ALL WORK REQUIRED TO PROPERLY SEAL AROUND ANY AND ALL PENETRATIONS, INCLUDING, BUT NOT LIMITED TO ROOF OR EXTERIOR WALL PENETRATIONS.

KEYED NOTES

1. FULLY ADHERED ROOFING SYSTEM OVER R-30 MINIMUM RIGID INSULATION.
2. PREFINISHED METAL COPING - SEE ELEVATIONS FOR FINISH.
3. METAL CANOPY BELOW - SEE DETAILS.
4. TAPERED RIGID INSULATION AT CRICKET SLOPED AT MIN. 2.0 TIMES OVERALL ROOF SLOPE. ALL ROOF SLOPE SHOULD HAVE A DRAINAGE POSITIVE SLOPE.
5. ROOF TOP UNITS PLACED ON CURB - SEE DETAILS. VERIFY EXACT LOCATION IN FIELD WITH MECHANICAL.
6. SCUPPER AND PRE-FINISHED COMMERCIAL DOWNSPOUT; CONNECT DOWNSPOUT TO UNDERGROUND STORM DRAIN; REFER TO CIVIL SHEETS FOR CONTINUATION. ADJACENT THROUGH WALL OVERFLOW SCUPPER 12" WIDTH LOCATED MAXIMUM OF 8" FROM PRIMARY SCUPPER.
7. CANOPY DOWNSPOUTS CONNECTED TO UNDERGROUND DRAINAGE SYSTEM BELOW FROST LINE; REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
8. THROUGH WALL OVERFLOW SCUPPER 12" WIDTH LOCATED MAXIMUM OF 8" FROM PRIMARY SCUPPER.
9. INSTALL SECOND LAYER OF ROOF MEMBRANE FOR 36" (915mm) PERIMETER AROUND ROOF TOP EQUIPMENT.
10. ROOF ACCESS LADDER.
11. RESTROOM EXHAUST FAN EF-1. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

INDICATES CANOPY RECESSED CAN LIGHT. SEE LIGHTING SCHEDULE AND ELECTRICAL FOR ADDITIONAL INFORMATION.

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

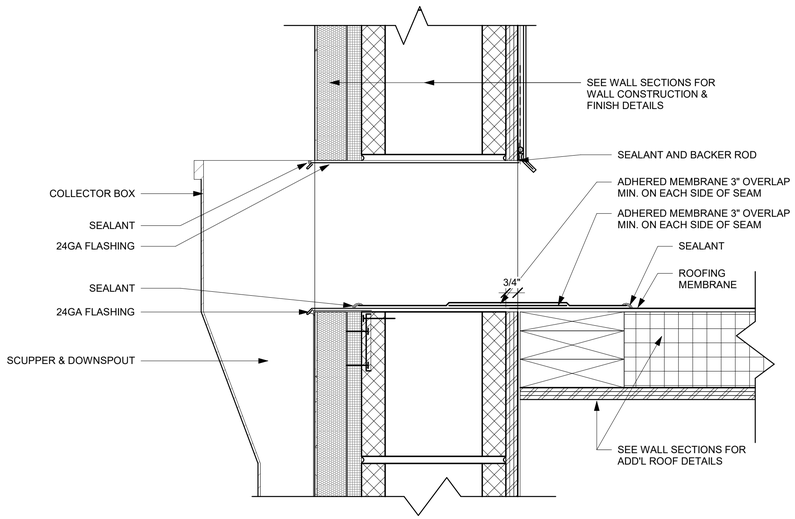
Rev	Date	By	Description

SHEET TITLE:
BUILDING ROOF PLAN

SCALE: AS SHOWN

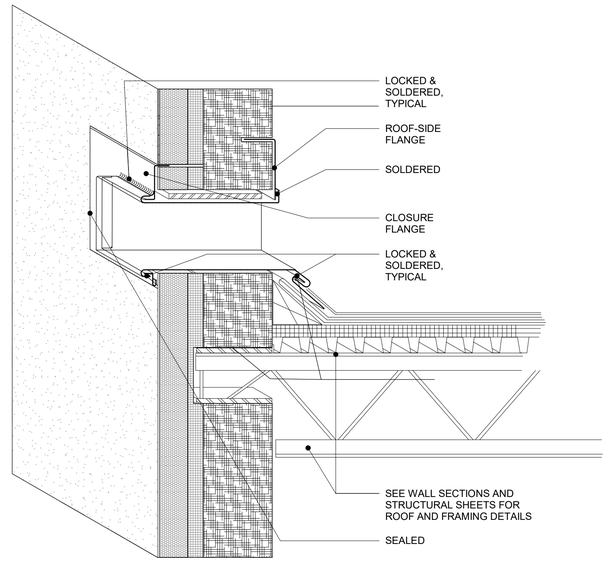
SHEET NUMBER:
A103

12/5/2023 3:49:24 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



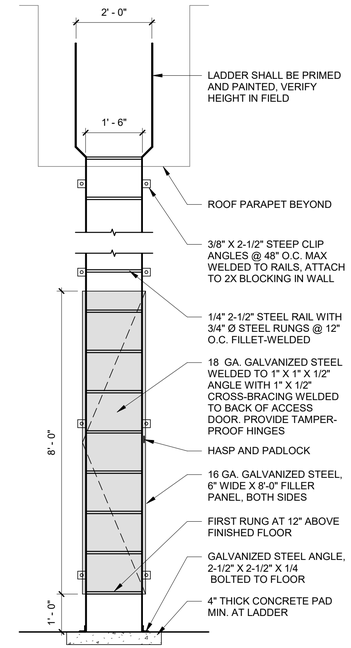
1 SCUPPER & DOWNSPOUT DETAIL

Scale: 3" = 1'-0"



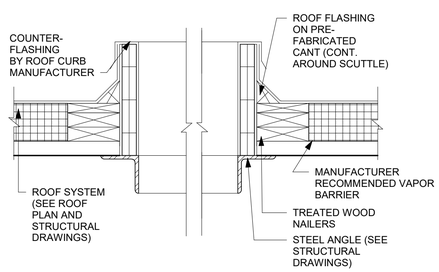
3 OVERFLOW SCUPPER DETAIL

Scale: 3/8" = 1'-0"



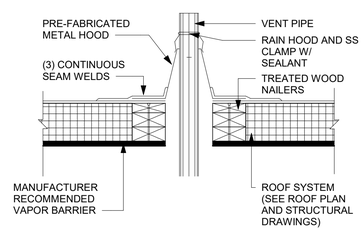
5 EXT. ROOF LADDER ELEVATION

Scale: 1/2" = 1'-0"



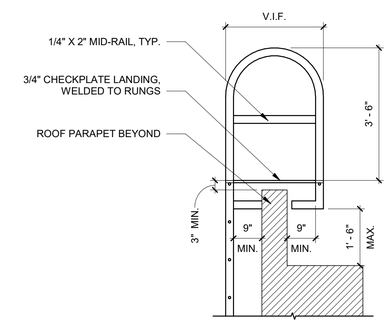
2 ROOF CURB DETAIL

Scale: 1 1/2" = 1'-0"



4 ROOF PENETRATION DETAIL

Scale: 1 1/2" = 1'-0"



6 EXT. ROOF LADDER SECTION

Scale: 1/2" = 1'-0"

FINAL BID / PERMIT SET - ISSUED 4.2.2021

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ROOF DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
A103.1

12/5/2023 3:49:25 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

METAL:	MANUFACTURER:	COLOR:	DESCRIPTION:
MT-1	PAC-CLAD	TO MATCH RAL#7021 MATTE MT0028 - FLAT BLACK	PRE-FINISHED METAL COPING
METAL:	MANUFACTURER:	COLOR:	DESCRIPTION:
MT-2	KAWNEER	TO MATCH RAL#7021 MATTE MT0028 - FLAT BLACK	ANODIZED ALUMINUM STOREFRONT SYSTEM
METAL: MT-3 MT-4	MANUFACTURER: LOCALLY SOURCED	COLOR: TO MATCH RAL#7021 MATTE MT0028 - FLAT BLACK	DESCRIPTION: POWDERCOAT METAL CANOPY AND TRIM + PAINTED HOLLOW METAL DOOR FRAME
WOOD: WD-1	MANUFACTURER: ReSAWN TIMBER CO.	COLOR: RAILAY: ACCOYA	DESCRIPTION: TREATED PINE ACCOYA WOOD CLADDING
EIFS: EF-1 + EF-2	MANUFACTURER + CONTACT: DRYVIT	COLOR: SW7015 - RESPONSE GRAY + SW7020 - BLACK FOX	

MATERIAL NOTES:

1. ALL SEALANTS TO BE COLOR MATCHED TO ADJACENT MATERIALS. SUBMIT MFR'S FULL RANGE OF COLORS TO ARCHITECT TO REVIEW

2. SUBMIT ALL MATERIALS AND COLORS TO ARCHITECT FOR FINAL APPROVAL. NO SUBSTITUTIONS WITHOUT PRIOR APPROVAL.

LEGEND - EXT. ELEV.

- HOSE BIBB
- DUPLEX

GENERAL NOTES

A. GENERAL CONTRACTOR TO COORDINATE AND SCHEDULE SIGNAGE INSTALLATION WITH THE SIGNAGE CONTRACTOR PROVIDING A MINIMUM SCHEDULING NOTICE OF 4 WEEKS AND 1 WEEK PRIOR TO SCHEDULED DATE OF INSTALLATION. CONSTRUCTION MANAGER TO PROVIDE GENERAL CONTRACTOR WITH SIGNAGE CONTRACTOR CONTACT INFORMATION.

B. GENERAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL ELECTRICAL CIRCUITS INCLUDING ALL CONDUIT, WIRE, CONNECTIONS AND BREAKER AT PANEL BOARD NECESSARY TO SERVE SIGNAGE.

C. GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING OR EQUIVALENT TO SUPPORT SIGNAGE.

D. SIGNAGE CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ANY AND ALL ALLOWABLE MONUMENT OR POLE SIGNAGE AND PROVIDE SHOP DRAWING(S) PRIOR TO FABRICATION TO THE STARBUCKS DESIGNER FOR APPROVAL.

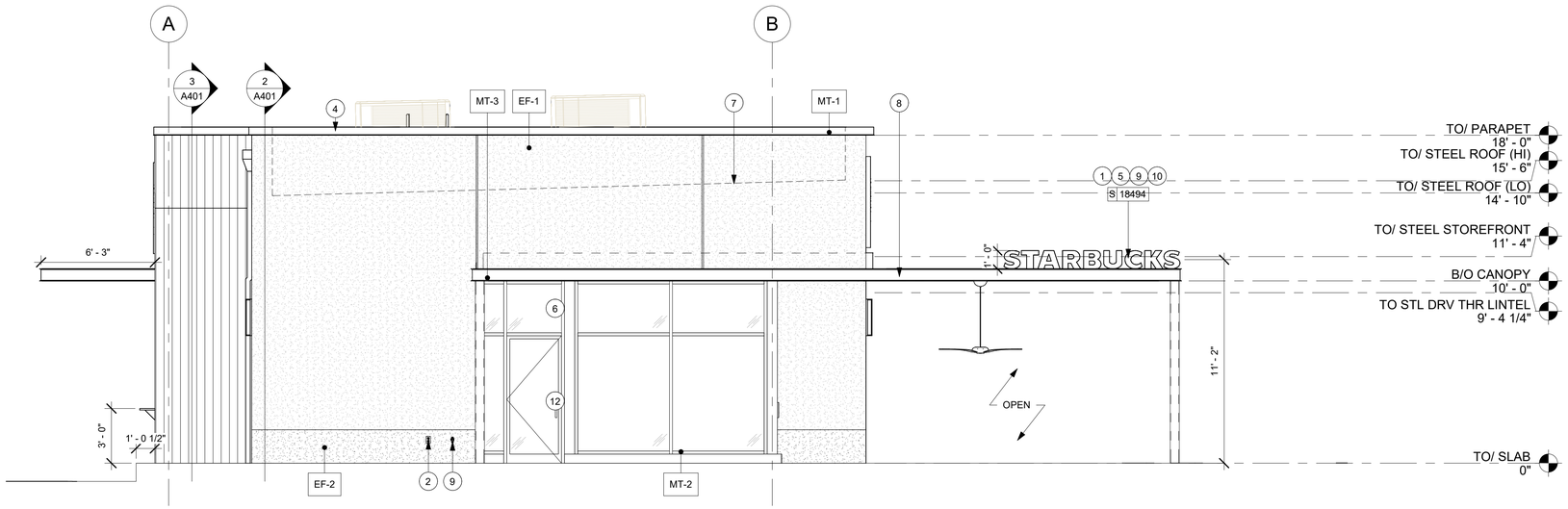
E. SIGNAGE CONTRACTOR TO INSTALL SIGNAGE IN COMPLIANCE WITH LOCAL CODES AND OBTAIN PERMIT.

F. SIGNAGE CONTRACTOR TO SUPPLY SHOP DRAWINGS TO CONSTRUCTION MANAGER AND TO THE GENERAL CONTRACTOR AS NEEDED. GENERAL CONTRACTOR TO NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF SHOP DRAWINGS OR INSTALLATION IS IN DISCREPANCY WITH ARCHITECTURAL DRAWINGS.

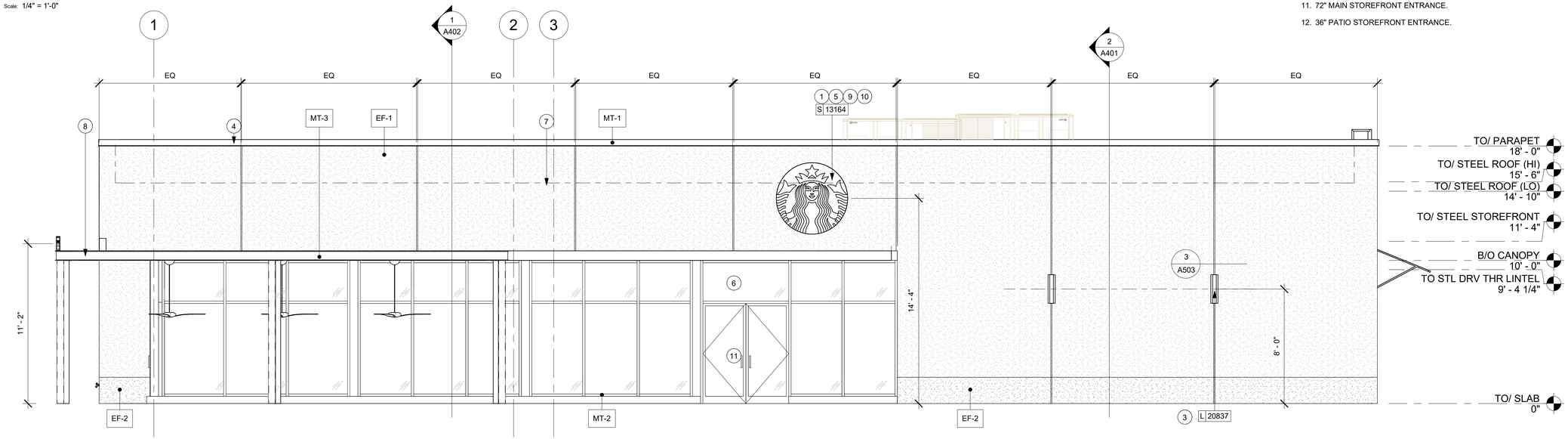
G. GENERAL CONTRACTOR TO CLEAN, PATCH AND REPAIR EXISTING EXTERIOR AS REQUIRED.

KEYED NOTES

1. SIGNAGE VENDOR TO COORDINATE APPROVALS AND PERMITS FOR EXTERIOR SIGNAGE SEPARATELY AS REQUIRED. **NOT INCLUDED IN TENANT BUILD-OUT APPLICATION.**
2. PROVIDE COVERED ELECTRICAL GFCI OUTLET AS INDICATED.
3. WALL-MOUNTED DECORATIVE SCONCE. SEE LIGHTING SCHEDULE FOR ADDITIONAL INFORMATION.
4. PRE-FINISHED METAL COPING, TYPICAL.
5. INSTALL 3/4" MARINE GRADE PLYWOOD BLOCKING FOR EXTERIOR SIGNAGE. EXTEND BLOCKING 8" (205MM) MINIMUM BEYOND EDGE OF SIGNAGE.
6. PROVIDE 3" (75MM) HIGH BLACK ACRYLIC STORE ADDRESS ON GLAZING OR PER LOCAL JURISDICTIONAL CODE REQUIREMENTS.
7. INDICATES TOP OF ROOF DECK BEYOND.
8. PREFABRICATED METAL CANOPY. SEE DETAILS AND STRUCTURAL.
9. PROVIDE SIGNAGE DISCONNECT ON INSIDE FACE OF WALL.
10. PROVIDE J-BOX W/ PULL STRING FOR FUTURE BUILDING SIGNAGE. COORDINATE LOCATION WITH SIGNAGE VENDOR SHOP DRAWINGS.
11. 72" MAIN STOREFRONT ENTRANCE.
12. 36" PATIO STOREFRONT ENTRANCE.



1 SOUTH ELEVATION
Scale: 1/4" = 1'-0"



2 EAST ELEVATION
Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
BUILDING EXTERIOR ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
A201

12/5/2023 3:49:33 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

METAL:	MANUFACTURER:	COLOR:	DESCRIPTION:	MATERIAL NOTES:
MT-1	PAC-CLAD	TO MATCH RAL#7021 MATTE MT0028 - FLAT BLACK	PRE-FINISHED METAL COPING	1. ALL SEALANTS TO BE COLOR MATCHED TO ADJACENT MATERIALS. SUBMIT MFR'S FULL RANGE OF COLORS TO ARCHITECT TO REVIEW 2. SUBMIT ALL MATERIALS AND COLORS TO ARCHITECT FOR FINAL APPROVAL. NO SUBSTITUTIONS WITHOUT PRIOR APPROVAL.
METAL:	MANUFACTURER:	COLOR:	DESCRIPTION:	
MT-2	KAWNEER	TO MATCH RAL#7021 MATTE MT0028 - FLAT BLACK	ANODIZED ALUMINUM STOREFRONT SYSTEM	
METAL: MT-3 MT-4	MANUFACTURER: LOCALLY SOURCED	COLOR: TO MATCH RAL#7021 MATTE MT0028 - FLAT BLACK	DESCRIPTION: POWDERCOAT METAL CANOPY AND TRIM + PAINTED HOLLOW METAL DOOR FRAME	
WOOD:	MANUFACTURER:	COLOR:	DESCRIPTION:	
WD-1	ReSAWN TIMBER CO.	RAILAY: ACCOYA	TREATED PINE ACCOYA WOOD CLADDING	
EIFS:	MANUFACTURER + CONTACT:	COLOR:		
EF-1 + EF-2	DRYVIT	SW7015 - RESPONSE GRAY + SW7020 - BLACK FOX		

KEYED NOTES

1. SIGNAGE VENDOR TO COORDINATE APPROVALS AND PERMITS FOR EXTERIOR SIGNAGE SEPARATELY AS REQUIRED. **NOT INCLUDED IN TENANT BUILD-OUT APPLICATION.**
2. RECESSED, LOCKABLE, COVERED, FROST-FREE HOSE BIBB.
3. INDICATES ROOF LINE BEYOND.
4. PRE-FINISHED METAL COPING, TYPICAL.
5. INSTALL 3/4" MARINE GRADE PLYWOOD BLOCKING FOR EXTERIOR SIGNAGE. EXTEND BLOCKING 8" (205MM) MINIMUM BEYOND EDGE OF SIGNAGE.
6. WALL-MOUNTED DECORATIVE SCONCE. REFER TO LIGHTING SCHEDULE FOR ADDITIONAL INFORMATION.
7. DRIVE-THRU WINDOW AND HAND-OFF SHELF. REFER TO SCHEDULES FOR ADDITIONAL INFORMATION.
8. PARAPET SCUPPER AND DOWNSPOUT CONNECTED TO STORM DRAINAGE LINES BELOW.
9. THROUGH WALL OVERFLOW SCUPPER 12" WIDTH LOCATED MAXIMUM OF 8" FROM PRIMARY SCUPPER.
10. REAR SERVICE DOOR SECURITY LIGHT. REFER TO LIGHTING SCHEDULE FOR ADDITIONAL INFORMATION.
11. PROVIDE COVERED ELECTRICAL GFCI OUTLET AS INDICATED.
12. ROOF ACCESS LADDER WITH SECURITY GATE. SEE DETAILS FOR ADDITIONAL INFORMATION.
13. PROVIDE SIGNAGE DISCONNECT ON INSIDE FACE OF WALL.
14. PROVIDE J-BOX W/ PULL STRING FOR FUTURE BUILDING SIGNAGE. COORDINATE LOCATION WITH SIGNAGE VENDOR SHOP DRAWINGS.
15. 42" REAR SERVICE DOOR.
16. PREFABRICATED METAL CANOPY. SEE DETAILS AND STRUCTURAL.
17. CENTER SIGNAGE AT DRIVE-THROUGH BUMP-OUT.

GENERAL NOTES

A. GENERAL CONTRACTOR TO COORDINATE AND SCHEDULE SIGNAGE INSTALLATION WITH THE SIGNAGE CONTRACTOR PROVIDING A MINIMUM SCHEDULING NOTICE OF 4 WEEKS AND 1 WEEK PRIOR TO SCHEDULED DATE OF INSTALLATION. CONSTRUCTION MANAGER TO PROVIDE GENERAL CONTRACTOR WITH SIGNAGE CONTRACTOR CONTACT INFORMATION.

B. GENERAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL ELECTRICAL CIRCUITS INCLUDING ALL CONDUIT, WIRE, CONNECTIONS AND BREAKER AT PANEL BOARD NECESSARY TO SERVE SIGNAGE.

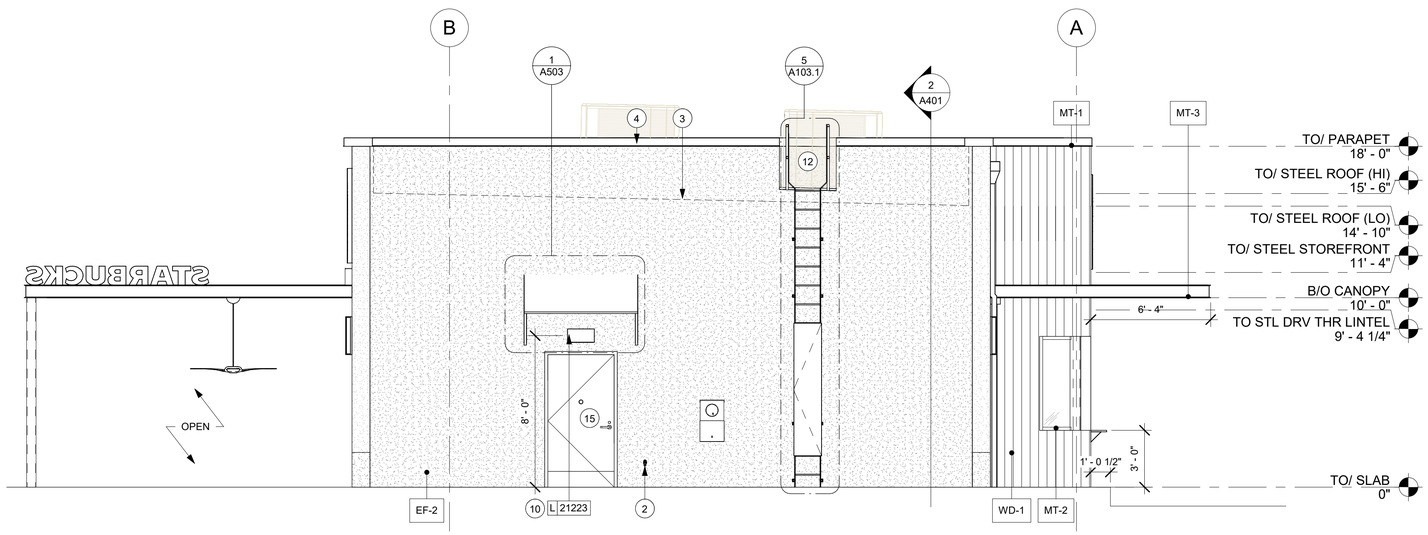
C. GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING OR EQUIVALENT TO SUPPORT SIGNAGE.

D. SIGNAGE CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ANY AND ALL ALLOWABLE MONUMENT OR POLE SIGNAGE AND PROVIDE SHOP DRAWING(S) PRIOR TO FABRICATION TO THE STARBUCKS DESIGNER FOR APPROVAL.

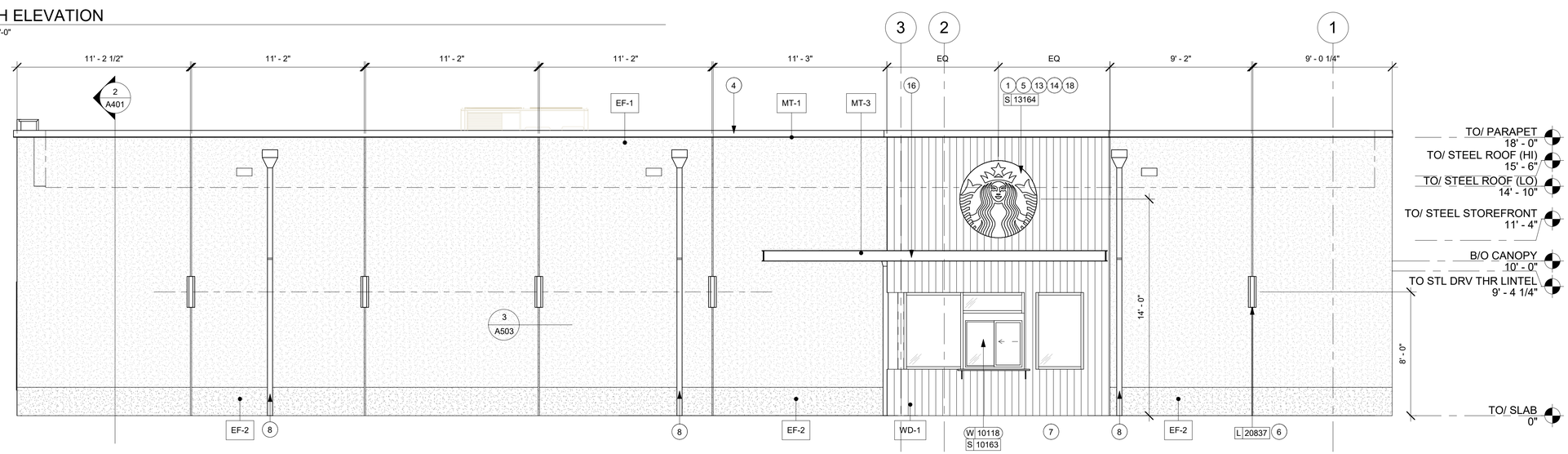
E. SIGNAGE CONTRACTOR TO INSTALL SIGNAGE IN COMPLIANCE WITH LOCAL CODES AND OBTAIN PERMIT.

F. SIGNAGE CONTRACTOR TO SUPPLY SHOP DRAWINGS TO CONSTRUCTION MANAGER AND TO THE GENERAL CONTRACTOR AS NEEDED. GENERAL CONTRACTOR TO NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF SHOP DRAWINGS OR INSTALLATION IS IN DISCREPANCY WITH ARCHITECTURAL DRAWINGS.

G. GENERAL CONTRACTOR TO CLEAN, PATCH AND REPAIR EXISTING EXTERIOR AS REQUIRED.



1 NORTH ELEVATION
Scale: 1/4" = 1'-0"



2 WEST ELEVATION
Scale: 1/4" = 1'-0"

LEGEND - EXT. ELEV.

- HOSE BIBB
- DUPLEX

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
BUILDING EXTERIOR ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
A202

12/5/2023 3:49:38 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

EXTERIOR FINISH SCHEDULE

METAL:	MANUFACTURER:	COLOR:	DESCRIPTION:	MATERIAL NOTES:
MT-1	PAC-CLAD	TO MATCH RAL#7021 MATTE MT0028 - FLAT BLACK	PRE-FINISHED METAL COPING	1. ALL SEALANTS TO BE COLOR MATCHED TO ADJACENT MATERIALS. SUBMIT MFR'S FULL RANGE OF COLORS TO ARCHITECT TO REVIEW 2. SUBMIT ALL MATERIALS AND COLORS TO ARCHITECT FOR FINAL APPROVAL. NO SUBSTITUTIONS WITHOUT PRIOR APPROVAL.
METAL:	MANUFACTURER:	COLOR:	DESCRIPTION:	
MT-2	KAWNEER	TO MATCH RAL#7021 MATTE MT0028 - FLAT BLACK	ANODIZED ALUMINUM STOREFRONT SYSTEM	
METAL: MT-3 MT-4	MANUFACTURER: LOCALLY SOURCED	COLOR: TO MATCH RAL#7021 MATTE MT0028 - FLAT BLACK	DESCRIPTION: POWDERCOAT METAL CANOPY AND TRIM + PAINTED HOLLOW METAL DOOR FRAME	
WOOD:	MANUFACTURER:	COLOR:	DESCRIPTION:	
WD-1	ReSAWN TIMBER CO.	RAILAY: ACCOYA	TREATED PINE ACCOYA WOOD CLADDING	
EIFS: EF-1 + EF-2	MANUFACTURER + CONTACT: DRYVIT	COLOR: SW7015 - RESPONSE GRAY + SW7020 - BLACK FOX	DESCRIPTION: OUTSULATION PLUS MD	

1 SOUTH ELEVATION
Scale: 1/4" = 1'-0"

2 EAST ELEVATION
Scale: 1/4" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

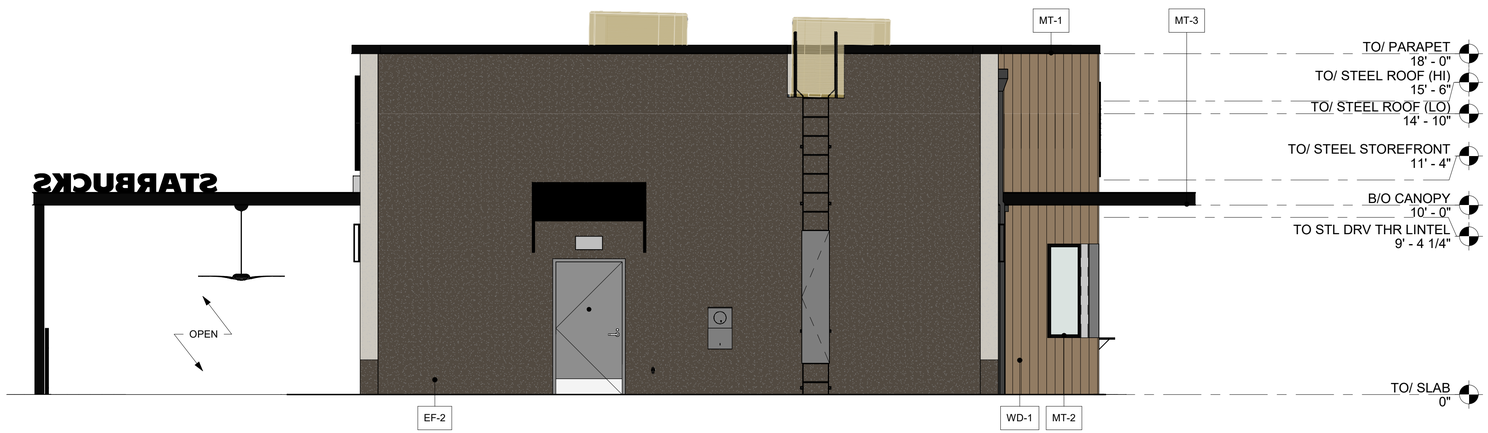
SHEET TITLE:
EXTERIOR FINISH ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
A203

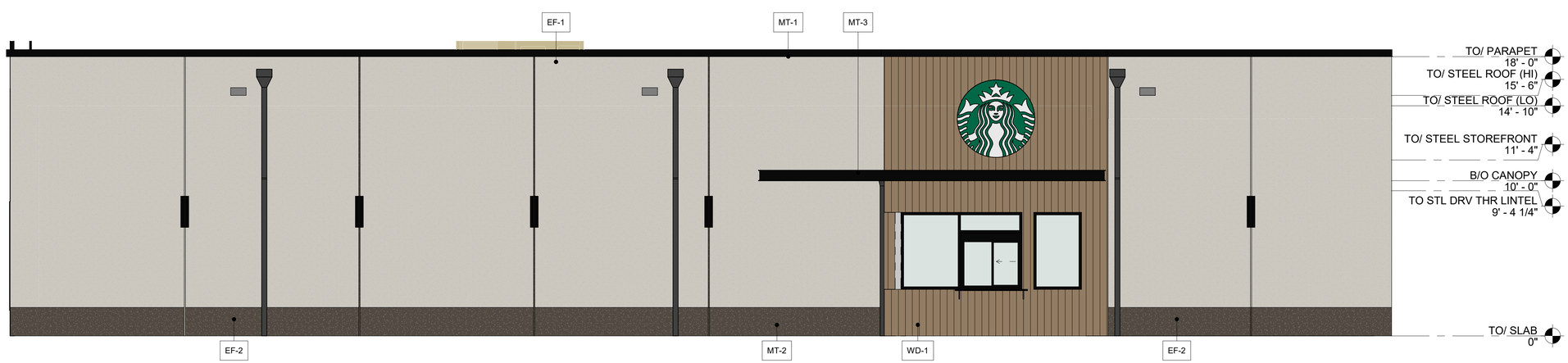
12/5/2023 3:49:41 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

EXTERIOR FINISH SCHEDULE

METAL:	MANUFACTURER:	COLOR:	DESCRIPTION:	MATERIAL NOTES:
MT-1	PAC-CLAD	TO MATCH RAL#7021 MATTE MT0028 - FLAT BLACK	PRE-FINISHED METAL COPING	1. ALL SEALANTS TO BE COLOR MATCHED TO ADJACENT MATERIALS. SUBMIT MFR'S FULL RANGE OF COLORS TO ARCHITECT TO REVIEW 2. SUBMIT ALL MATERIALS AND COLORS TO ARCHITECT FOR FINAL APPROVAL. NO SUBSTITUTIONS WITHOUT PRIOR APPROVAL.
METAL:	MANUFACTURER:	COLOR:	DESCRIPTION:	
MT-2	KAWNEER	TO MATCH RAL#7021 MATTE MT0028 - FLAT BLACK	ANODIZED ALUMINUM STOREFRONT SYSTEM	
METAL: MT-3 MT-4	MANUFACTURER: LOCALLY SOURCED	COLOR: TO MATCH RAL#7021 MATTE MT0028 - FLAT BLACK	DESCRIPTION: POWDERCOAT METAL CANOPY AND TRIM + PAINTED HOLLOW METAL DOOR FRAME	
WOOD:	MANUFACTURER:	COLOR:	DESCRIPTION:	
WD-1	ReSAWN TIMBER CO.	RAILAY: ACCOYA	TREATED PINE ACCOYA WOOD CLADDING	
EIFS:	MANUFACTURER + CONTACT:	COLOR:	DESCRIPTION:	
EF-1 + EF-2	DRYVIT	SW7015 - RESPONSE GRAY + SW7020 - BLACK FOX	OUTSULATION PLUS MD	



1 NORTH ELEVATION
Scale: 1/4" = 1'-0"



2 WEST ELEVATION
Scale: 1/4" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

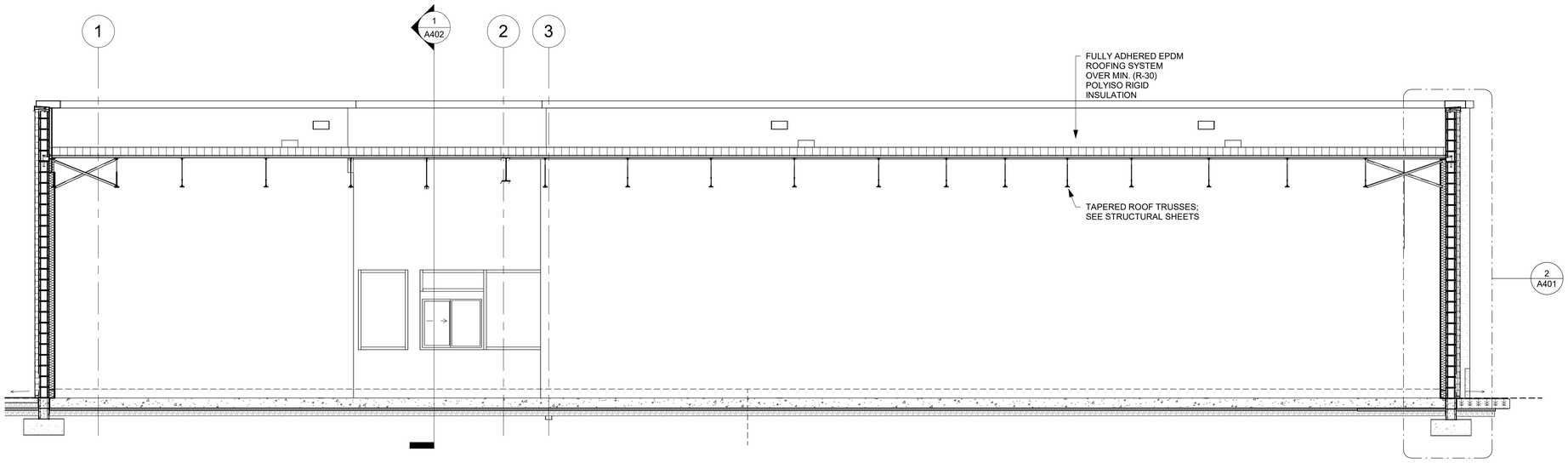
Revision Schedule

Rev	Date	By	Description

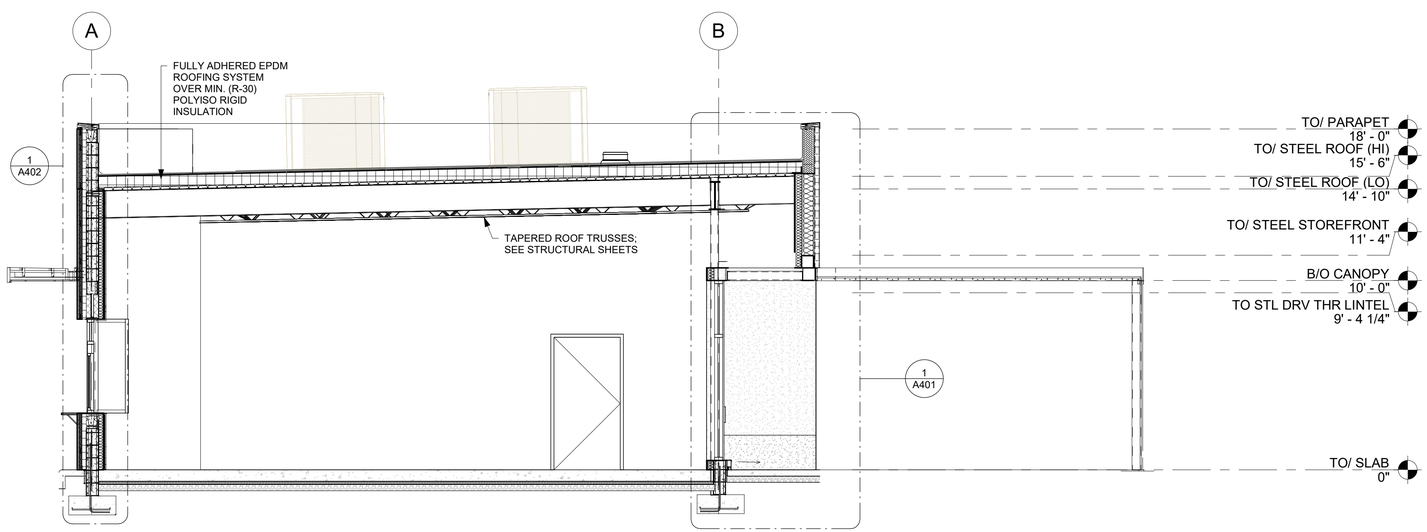
SHEET TITLE:
EXISTING FINISH ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
A204

12/5/2023 3:49:45 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



1 LONGITUDINAL SECTION
Scale: 1/4" = 1'-0"



2 TRANSVERSE SECTION
Scale: 1/4" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND &
SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

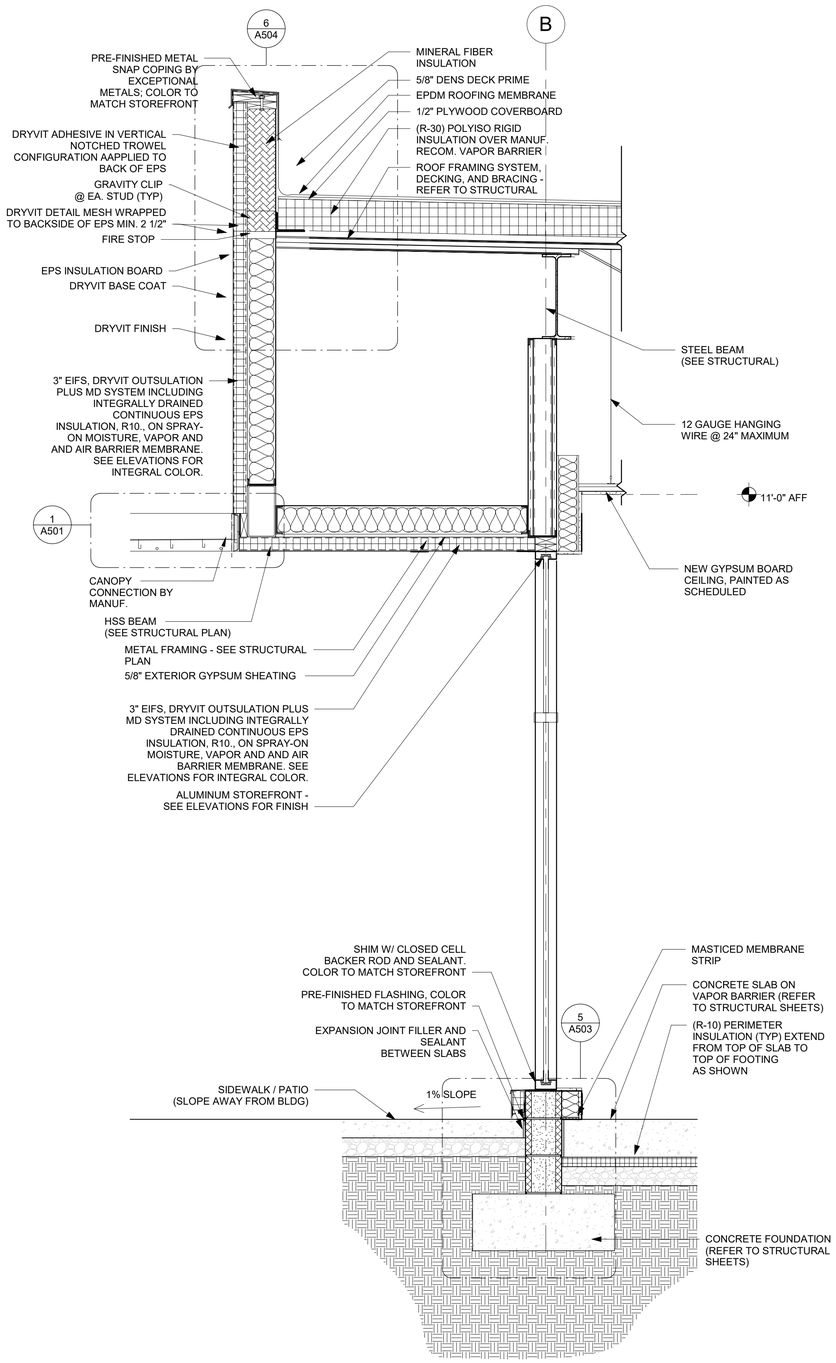
Rev	Date	By	Description

SHEET TITLE:
BUILDING SECTIONS

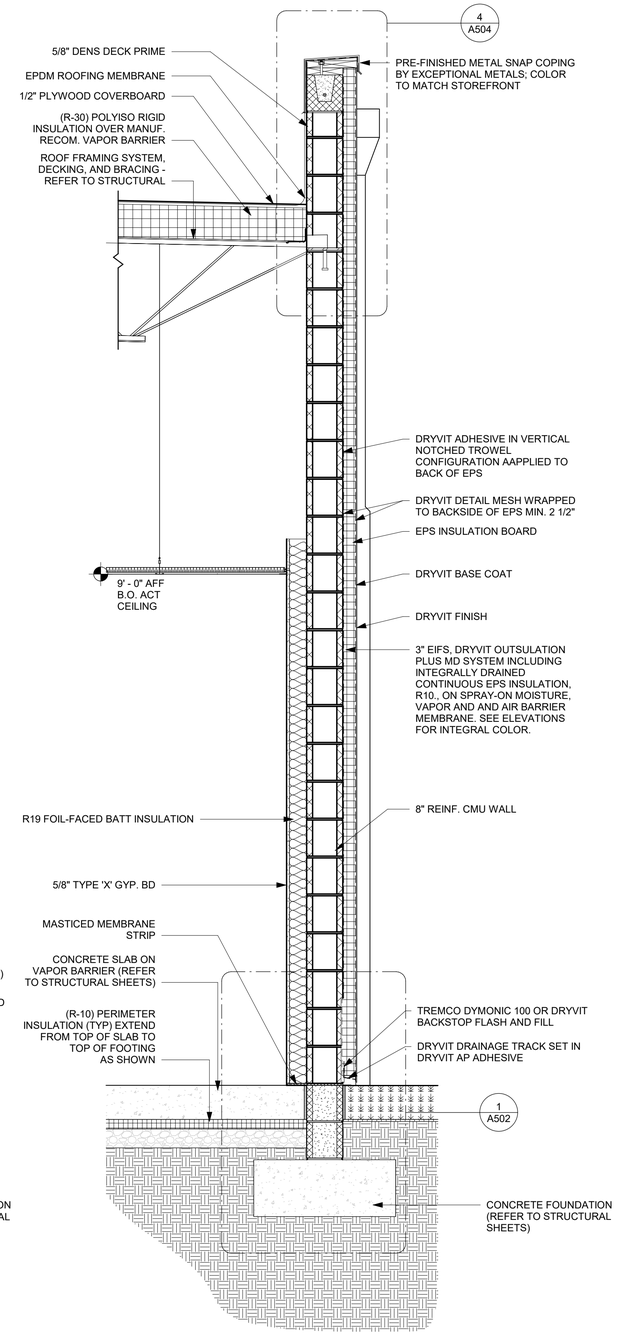
SCALE: AS SHOWN

SHEET NUMBER:
A301

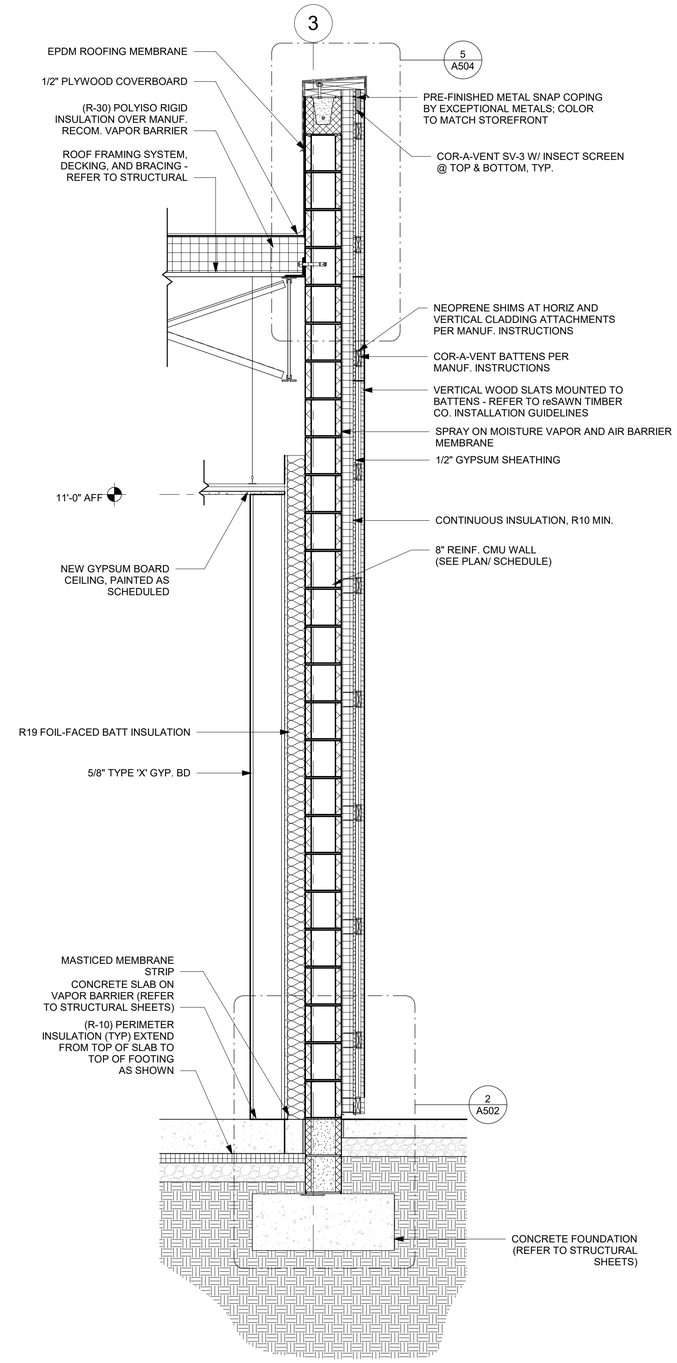
12/5/2023 3:49:47 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



1 WALL SECTION
Scale: 3/4" = 1'-0"



2 WALL SECTION
Scale: 3/4" = 1'-0"



3 WALL SECTION
Scale: 3/4" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

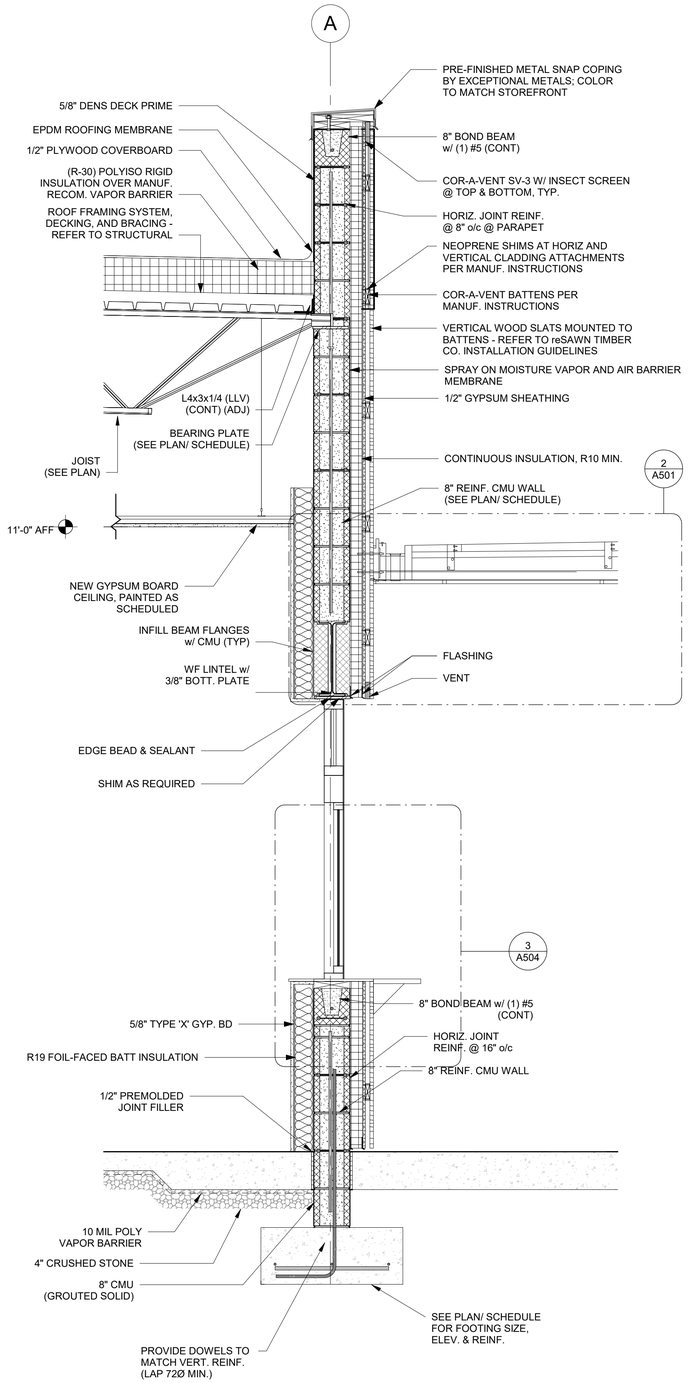
Rev	Date	By	Description

SHEET TITLE:
WALL SECTIONS

SCALE: AS SHOWN

SHEET NUMBER:
A401

12/5/2023 3:49:49 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



1 WALL SECTION

Scale: 3/4" = 1'-0"

12/5/2023 3:49:50 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

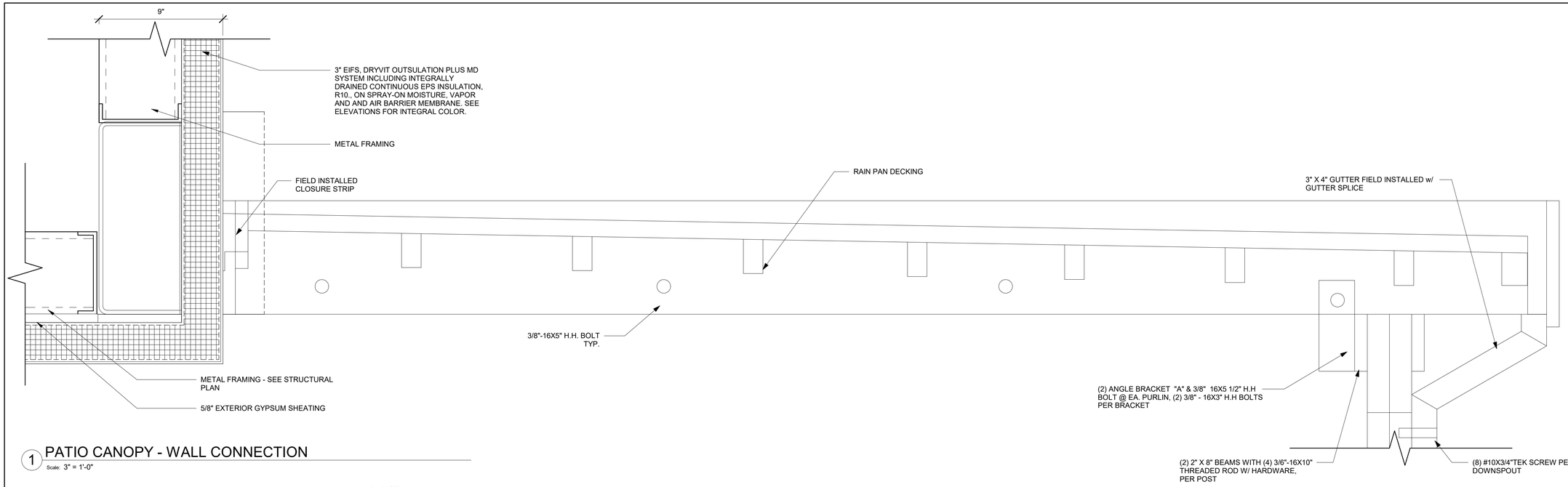
Revision Schedule

Rev	Date	By	Description

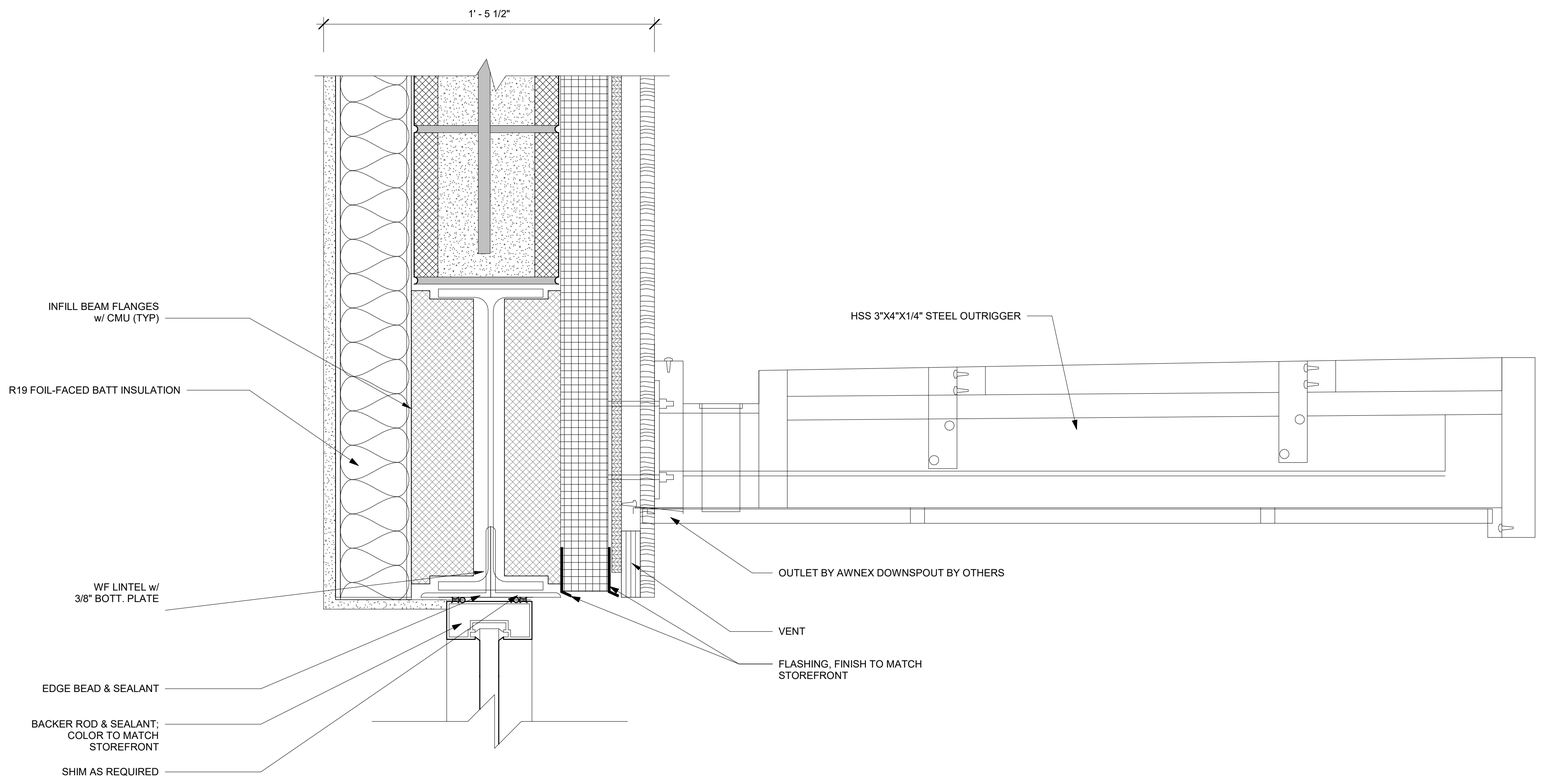
SHEET TITLE:
WALL SECTIONS

SCALE: AS SHOWN

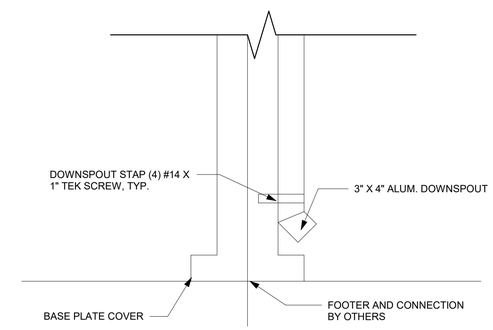
SHEET NUMBER:
A402



1 PATIO CANOPY - WALL CONNECTION
Scale: 3" = 1'-0"



2 DT CANOPY - WALL CONNECTION
Scale: 3" = 1'-0"



FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

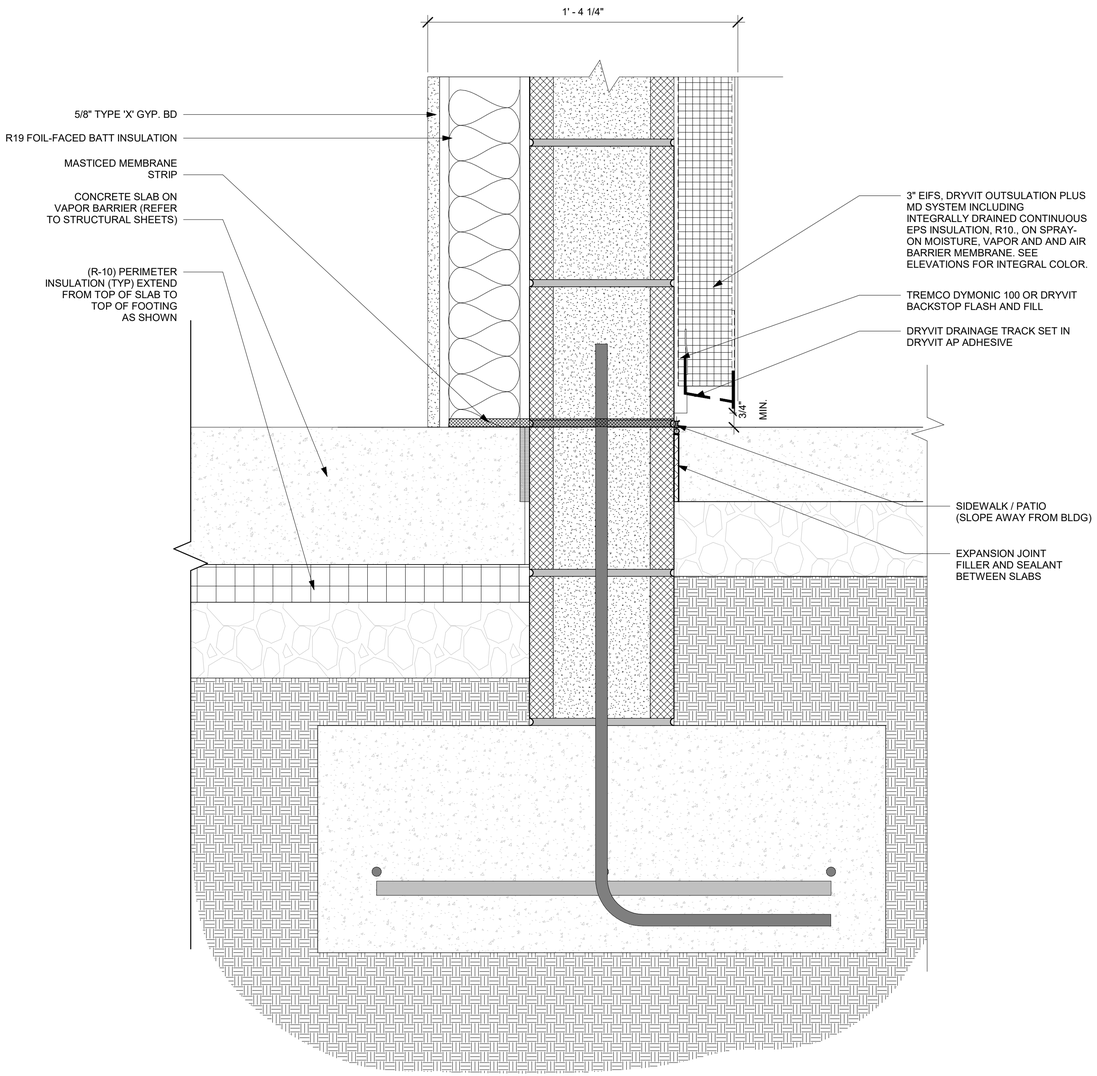
Rev	Date	By	Description

SHEET TITLE:
BUILDING DETAILS

SCALE: AS SHOWN

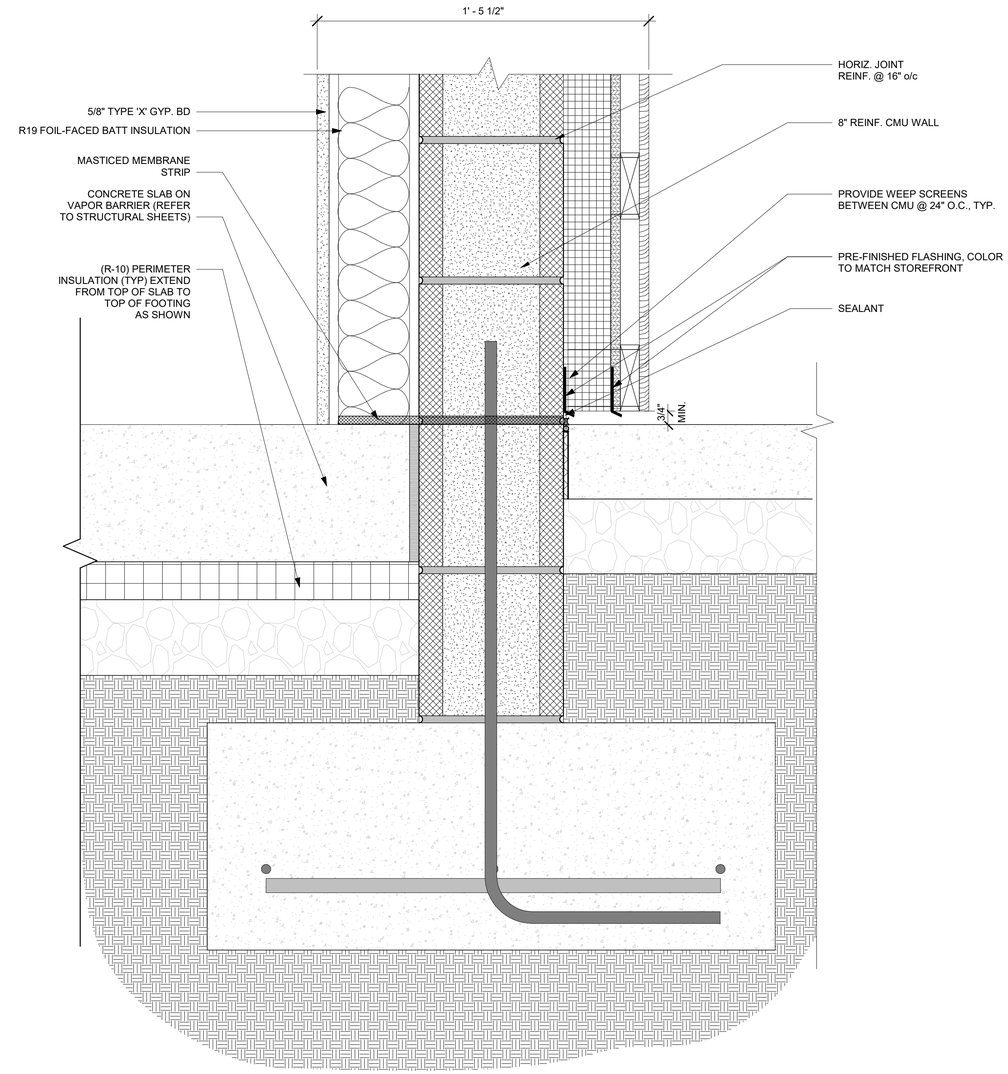
SHEET NUMBER:
A501

12/5/2023 3:49:50 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



1 FOUNDATION CONNECTION EIFS DETAIL, TYP

Scale: 3" = 1'-0"



2 FOUNDATION CONNECTION CLADDING DETAIL, TYP

Scale: 3" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

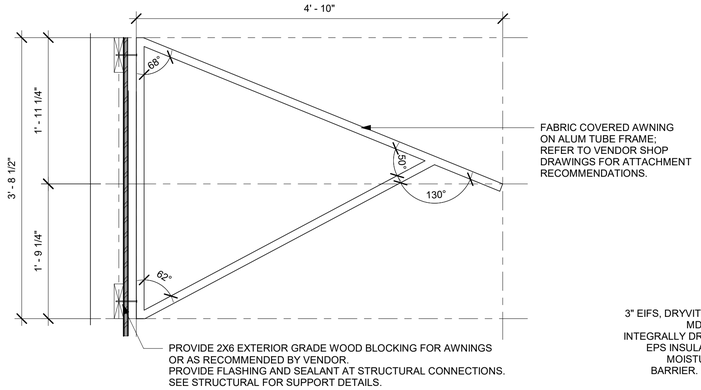
Rev	Date	By	Description

SHEET TITLE:
BUILDING DETAILS

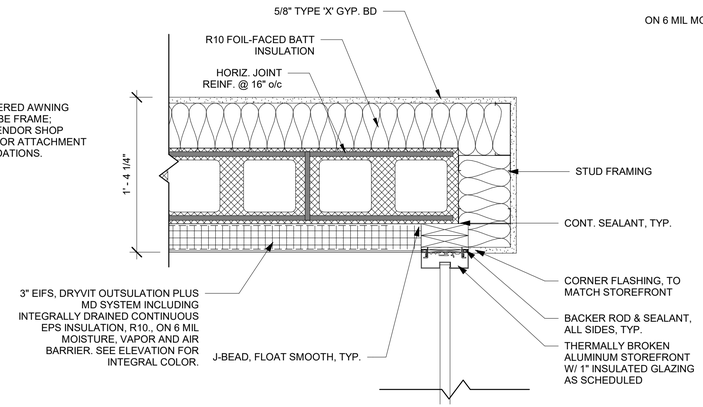
SCALE: AS SHOWN

SHEET NUMBER:
A502

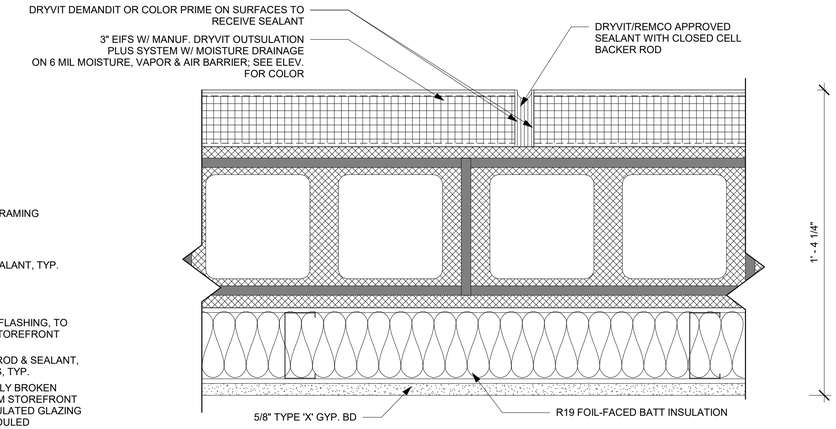
12/5/2023 3:49:51 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



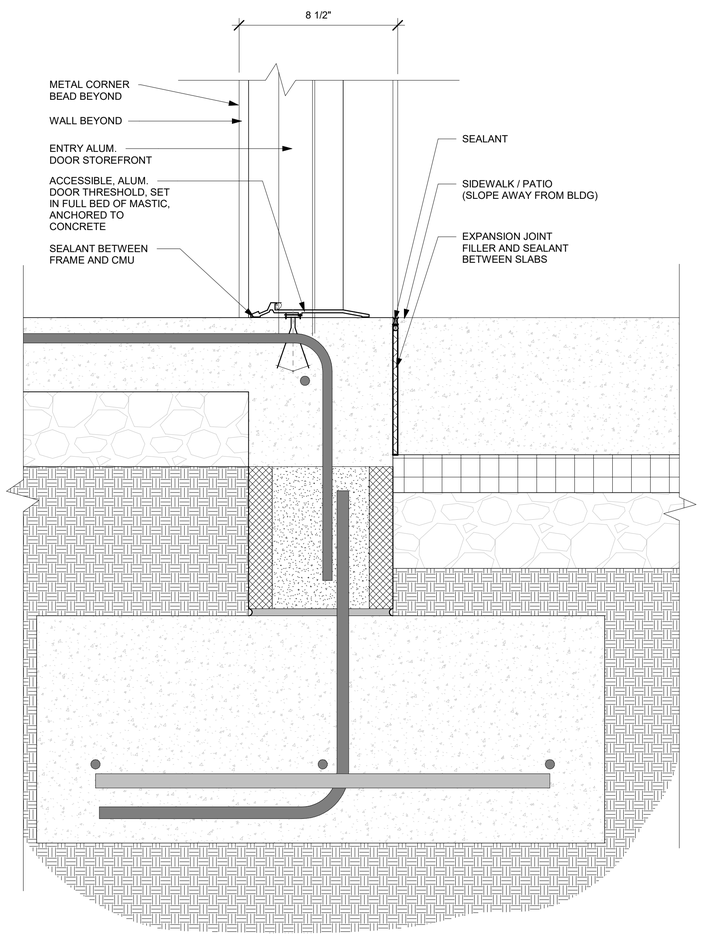
1 AWNING DETAILS
Scale: 1" = 1'-0"



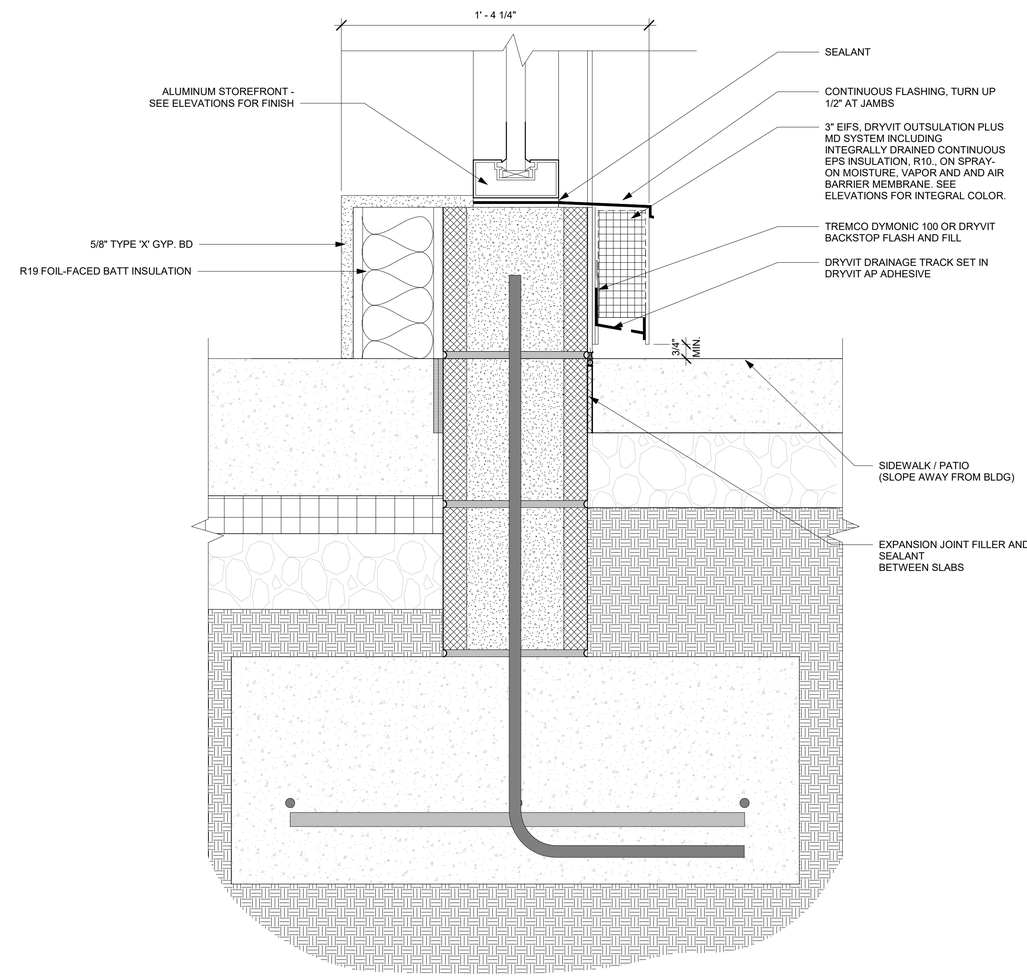
2 DETAIL - STOREFRONT EDGE
Scale: 1 1/2" = 1'-0"



3 HORIZONTAL JOINT
Scale: 3" = 1'-0"



4 STOREFRONT SILL DETAIL, TYP.
Scale: 3" = 1'-0"



5 STOREFRONT WINDOW SILL DETAIL, TYP
Scale: 3" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

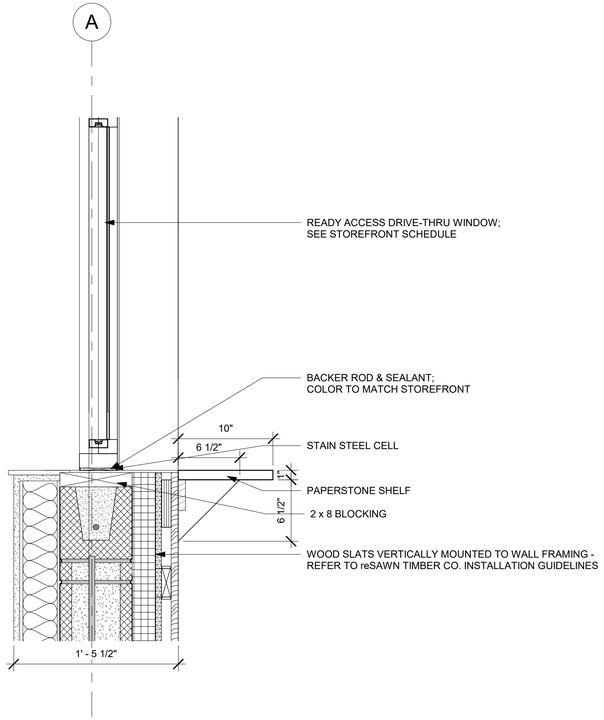
Rev	Date	By	Description

SHEET TITLE:
BUILDING DETAILS

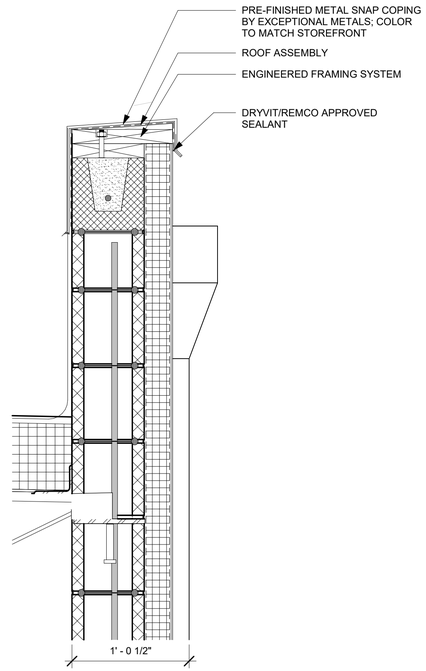
SCALE: AS SHOWN

SHEET NUMBER:
A503

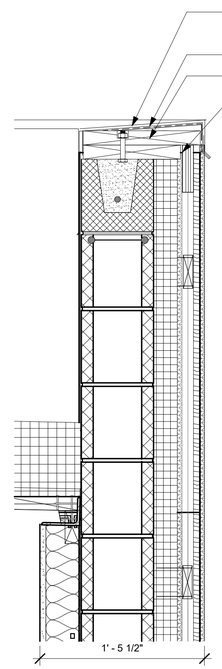
12/5/2023 3:49:53 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



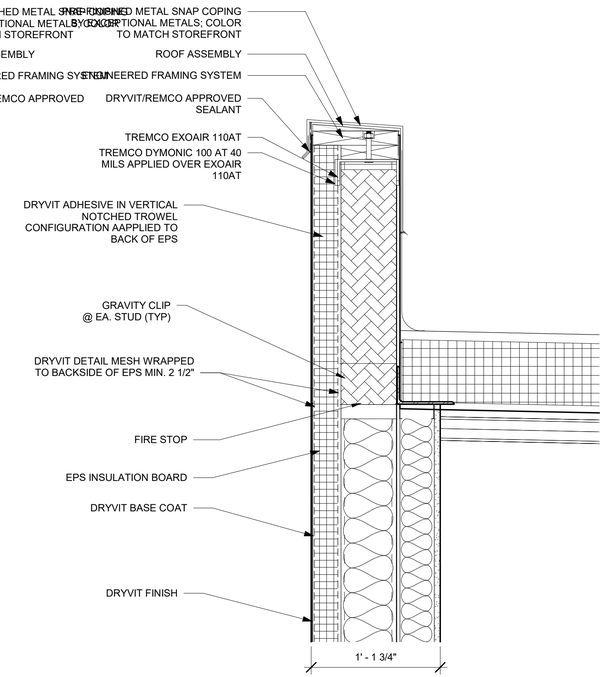
3 DT Window Detail
Scale: 1 1/2" = 1'-0"



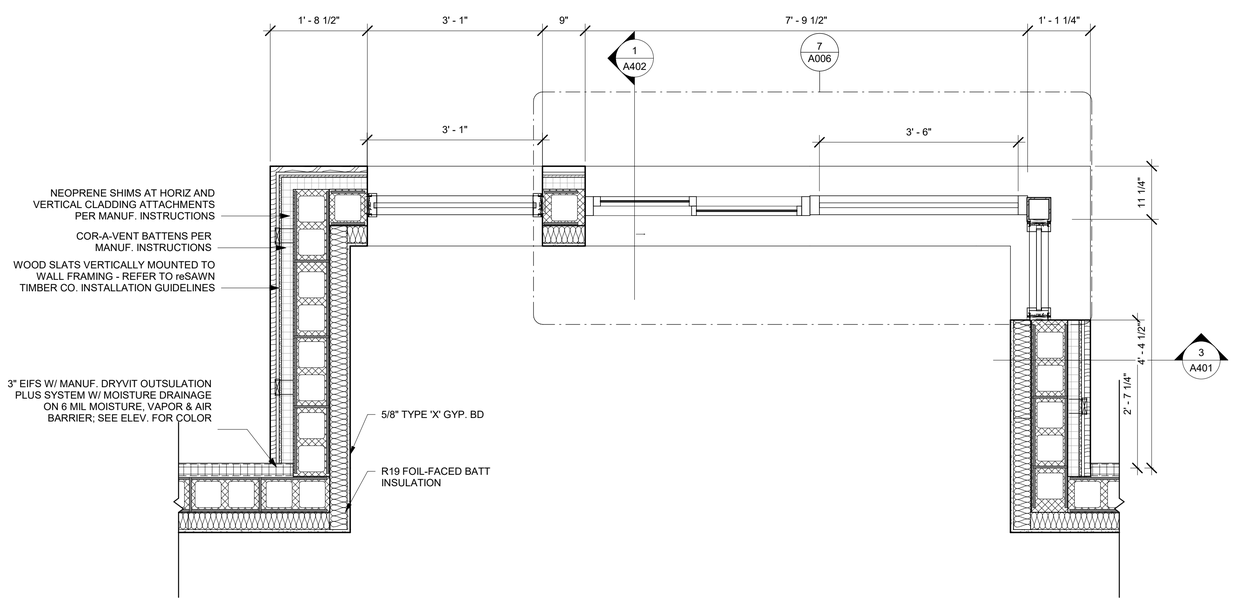
4 COPING AT EIPS
Scale: 1 1/2" = 1'-0"



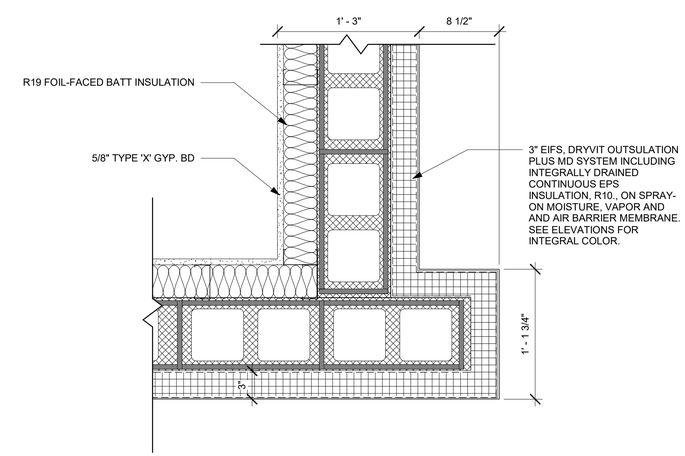
5 COPING AT WOOD CLADDING
Scale: 1 1/2" = 1'-0"



6 COPING AT EIFS
Scale: 1 1/2" = 1'-0"



1 ENLARGED BUMPOUT DETAIL
Scale: 3/4" = 1'-0"



2 DETAIL - OUTER CORNER
Scale: 1 1/2" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
BUILDING DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
A504

12/5/2023 3:49:54 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

EXTERIOR SIGNAGE SCHEDULE - "S"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
SIGNAGE - DISK					
13164	2	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 60IN 1525MM	SB	GC	
SIGNAGE - DRIVE THRU					
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC/HILTON	GC TO COORDINATE WITH SBUX VENDOR. LL TO PROVIDE CONDUIT AND FOOTING
14327	3	SIGN - DT DIRECTIONAL ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC	
22544	2	SIGN - DT CLEARANCE BAR SQUARE FRAME FREESTANDING - BLACK AND DARK GREEN	SB	GC/HILTON	GC TO COORDINATE WITH SBUX VENDOR. LL TO PROVIDE FOOTING
SIGNAGE - OTHER					
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC	EXTEND MOUNTING ARMS SO BOTTOM OF SIGN IS AT 8'-2" AFF. CONTACT MOP@waltonsignage.com
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC	
SIGNAGE - PYLON DISK					
14096	1	SIGN - PYLON DISK DRIVE THRU ILLUMINATED ARROW SERIES - 108IN 2745MM	SB	GC	
SIGNAGE - WORDMARK					
18494	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 12IN 305MM	SB	GC	WHITE LETTERS

LIGHTING FIXTURE SCHEDULE - "L"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
EXIT						
11611	2	EMERGENCY EXIT LIGHT - WHITE	SB	GC	INTEGRATED LED	PER JURISDICTIONAL CODES, LETTERING TO BE RED.
19046	2	LED EXIT SIGN WITH EMERGENCY LIGHT - BLACK AND RED	SB	GC	INTEGRATED LED	
19053	1	LED EXIT SIGN - WHITE AND RED			INTEGRATED LED	
19057	4	LED EMERGENCY LIGHT DOUBLE - BLACK	SB	GC	INTEGRATED LED	
RECESSED CAN						
21771	74	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 800LM FLOOD	SB	GC		
21774	8	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - WHITE - 700LM WF	SB	GC	INTEGRATED LED	
21775	7	CAN - LED WALL WASH - 3IN 75MM - BLACK - 1000LM	SB	GC	INTEGRATED LED	
SCONCE						
16593	2	SCONCE - LED RESTROOM VANITY TUBULAR - OPAL GLASS AND BRUSHED NICKEL	SB	GC	INTEGRATED LED	
20837	7	SCONCE - TECH LIGHTING WINDFALL - BLACK	SB	GC	INTEGRATED LED	
21223	1	LED SECURITY LIGHT WST - SILVER - 1500LM FORWARD	SB	GC	INTEGRATED LED	WST LED P1 40K VF MVOLT DDBTXD
TRACK						
12947	2	TRACK - WITH CONNECTORS - 8FT 244CM - BLACK - 1 CIRCUIT	SB	GC		
12949	6	TRACK - WITH CONNECTORS - 12FT 365CM - BLACK - 1 CIRCUIT	SB	GC		
21779	21	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD	SB	GC	INTEGRATED LED	
TROFFER						
15057	12	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4000LM	SB	GC	INTEGRATED LED	

SITE SCHEDULE - "Y"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
EXTERIOR MENU					
22540	2	MENU BOARD - DT 5 PANEL SQUARE FRAME FREESTANDING - 95X62IN 2415X1575MM - BLACK	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. FOOTING AND CONDUIT BY LL.
22542	2	MENU BOARD - DT PRE MENU SQUARE FRAME FREESTANDING - 29X61IN 735X1550MM - BLACK	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. FOOTING AND CONDUIT BY LL.
22546	2	MENU BOARD - DT DIGITAL ORDER SCREEN WITH POST - BLACK	SB	SB/GC	SUPPLIER: IT EQUIPMENT VENDOR (ZONES). SCREEN INSTALLER: REGIONAL SIGNAGE VENDOR. ELECTRICAL: GC CONNECTS DOS WHIPS & STUB-UPS TO DCB. LL TO PROVIDE CONDUIT AND FOOTING
FENCE AND RAILING					
21486	12	FENCE MESH - 54IN 1370MM	SB	GC	
OTHER					
10163	1	DT WINDOW SHELF - 56IN 1420MM - OBSIDIAN PAPERSTONE	SB	GC	CONTACT: MIKE MILLER.MIKE@PAPERSTONEPRODUCTS.COM. 360-538-1510
14095	1	DT WAYFINDING GRAPHIC EXIT ARROW - WHITE	SB	GC	
14101	2	DT WAYFINDING GRAPHIC ENTRY ARROW - GREEN	SB	GC	
14103	7	BOLLARD NONILLUMINATED SQUARE - FLAT BLACK MT0028	SB	GC	SB TO PROVIDE SHOP DRAWINGS.SEE DETAILS. DSA PHOTOTECH
14323	8	DT WAYFINDING GRAPHIC DIRECTIONAL DOUBLE ARROW - GREEN	SB	GC	REFERENCE PAINT 20512 FOR SPECIFICATIONS
14324	5	DT WAYFINDING GRAPHIC DIRECTIONAL DOUBLE ARROW - WHITE	SB	GC	REFERENCE PAINT 20511 FOR SPECIFICATIONS
22543	2	DT ORDER POINT CANOPY SQUARE FRAME - BLACK	SB	GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. FOOTING AND CONDUIT BY LL.
X0002	3	VEHICLE DETECTOR LOOP	SB	GC	SUPPLIER: DT AUDIO VENDOR (HME).
X0005	3	BIKE RACK - OLYMPIA	SB	GC	FORMS & SURFACES: OLYMPIA BIKE RACK. WWW.FORMS-SURFACES.COM; INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

MECHANICAL EQUIPMENT SCHEDULE - "M"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
FAN					
10632	1	RESTROOM EXHAUST	GC	GC	FAN - GREENHECK G-080-VG, 300 CFM, 115V/1 PHASE. WEIGHT= 39 LBS.
10873	1	RESTROOM EXHAUST ROOF CURB AND DAMPER	GC	GC	CURB - GREENHECK GPI-17-G12, DAMPER - GREENHECK WD-90-PB-8X8 (WITH BACKDRAFT PREVENTER)
HVAC					
10317	5	HVAC - VAV SUPPLY 4 WAY SQUARE - 24IN 610MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
10718	3	HVAC - SUPPLY 2 WAY HARD LID SQUARE - 12IN 305MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
11163	4	HVAC - RETURN LAY IN SQUARE - 24IN 610MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
11165	2	HVAC - RETURN CHANNEL FRAME SQUARE - 10IN 255MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
X0006	15	HVAC - LINEAR SUPPLY GRILLE	GC	GC	TITUS ML-39 LINEAR DIFFUSER. PAINT TO MATCH WITH ADJACENT FINISHES AT ENGINE SW7031 & AT CAFE SW7033
OTHER					
17797	1	ENERGY MANAGEMENT SYSTEM - HVAC ONLY	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.

RESPONSIBILITY LEGEND

GC GENERAL CONTRACTOR
LL LANDLORD
SB STARBUCKS

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #: 69057
PROJECT #: 94787-001
ISSUE DATE: 12-1-2023
SR. DESIGN MANAGER: L. ALVAREZ-TABIO
PRODUCTION DESIGNER: L. LA SPIA
CHECKED BY: NORR

Revision Schedule

Rev	Date	By	Description

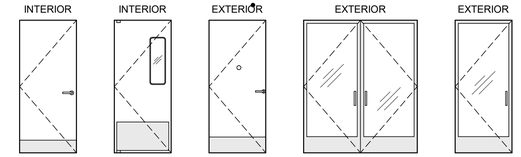
SHEET TITLE:
SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
A601

DOOR SCHEDULE - "D"								
DESIGN ID	MARK	DESCRIPTION	WIDTH	HEIGHT	HARDWARE SET	FURN BY	INST BY	COMMENTS
Exterior								
21147	82	DOOR - SINGLE SERVICE- 42IN 1070MM	3' - 6"	7' - 0"	42	SB	GC	
10449	81	DOOR - STOREFRONT METAL FRAME DOUBLE - TYPE A	6' - 0"	7' - 0"	3-A	SB	GC	BOTTOM RAIL AT LEAST 10" A.F.F. PER ADA 404.2.10. HARDWARE SET #3-A
10205	80	DOOR - STOREFRONT METAL FRAME SINGLE - TYPE B	3' - 0"	7' - 0"	2-A	SB	GC	SIMILAR TO 10449, BOTTOM RAIL AT LEAST 10" A.F.F. PER ADA 404.2.10. HARDWARE SET #2-A
3								
Interior								
10190	83	DOOR - SINGLE FLUSH - 36IN	3' - 0"	7' - 0"	6	SB	GC	RESTROOM DOORS AND FRAMES TO BE PAINTED SW7045 INTELLECTUAL GRAY
10190	84	DOOR - SINGLE FLUSH - 36IN	3' - 0"	7' - 0"	6	SB	GC	RESTROOM DOORS AND FRAMES TO BE PAINTED SW7045 INTELLECTUAL GRAY
10086	103	DOOR - SINGLE IMPACT DOUBLE ACTING - 36IN 915MM	3' - 0"	7' - 0"	11	SB	GC	DOOR TYPE F. DOOR FINISH: PL0019. FRAME FINISH: SW7020 BLACK FOX
3								

DOOR LEGEND



GENERAL NOTES

A. STARBUCKS VENDOR TO PROVIDE DOOR HARDWARE COMPONENTS. GC TO INSTALL.

B. SEE SHEET A101 FOR TAGGED LOCATION OF EXTERIOR DOORS AND WINDOWS.

C. EGRESS SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, CLOSETS OR SIMILAR SPACES. (1014.2)

D. PANIC AND FIRE EXIT HARDWARE, WHERE INSTALLED ON DOORS IN THIS BUILDING SHALL SATISFY THE FOLLOWING (1008.1.10):

a) THE ACTUATION PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.

b) THE MAXIMUM UNLATCHING FORCE DOES NOT EXCEED 15 POUNDS (6.8 KG).

c) PIVOTED OR BALANCED DOORS SHALL BE OF THE PUSH-PAD TYPE WHERE PANIC HARDWARE IS REQUIRED AND THE PAD SHALL NOT EXTEND ACROSS MORE THAN ONE-HALF OF THE DOOR WIDTH, MEASURED FROM THE LATCH SIDE.

d) PANIC HARDWARE LISTED IN ACCORDANCE WITH UL 305.

e) FIRE EXIT HARDWARE LISTED IN ACCORDANCE WITH UL 10C AND UL 305.

E. SPY SCOPE HARDWARE, WHERE INSTALLED SHALL BE CENTERED IN DOOR AT 54" (1370MM) A.F.F.

DOOR HARDWARE SET NO. 11 - For workroom door at backbar

No.	Item	Description	Manufacturer	Finish
1	Traffic Door Package	SCP8 36" x 84"	Eliason	As Selected

DOOR HARDWARE SET NO. 6 - For restroom door with lever and privacy lock

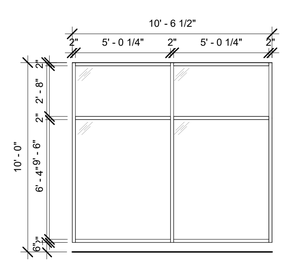
No.	Item	Description	Manufacturer	Finish
3	Hanging Items	TA2714/MPB79 Hinge MacPro Bearing 5 x 4.5	McKinney	626
1	Securing Devices	PB5425LN Lock, Shallow Coin Turn, Privacy PB5425LN-693-497 1-3/4	Yale Lock	626
1	Closing Devices	8916 Door Closer 8916 AF89P	Dorma	689
2	Protective Trim Units	K1050 B4E Kickplate 8" x 34" Each Side 32D	Rockwood	630
3	Accessories	GJ64 Rubber Silencer	Glynn Johnson	Gray
1	Stops and Holders	473 Door Stop w/ Hook	Rockwood	626

DOOR HARDWARE SET NO. 2-A - For new single aluminum secondary entry/exit door (50 or more occupancy)

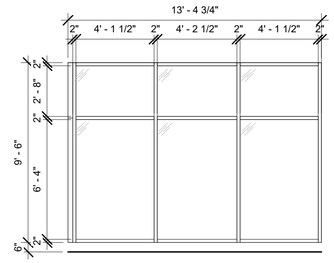
No.	Item	Description	Manufacturer	Finish
3	Hanging Devices	TA2314/MPB91 Hinge MacPro Bearing 4.5 x 4.5	McKinney	630
1	Securing Devices	CD35A-NL-OP Panic Device	Von Duprin	628/630
2	Securing Devices	C607 7-Pin Core Combinated "A" Keyway	Falcon Lock	626
1	Securing Devices	KB609-2 Cut Control Key "A" Keyway	Falcon Lock	---
9	Securing Devices	KB632-2 Cut User Key "A" Keyway	Falcon Lock	----
1	Securing Devices	C953 7-Pin Rim Cylinder Housing	Falcon Lock	626
1	Securing Devices	C987 7-Pin Mortise Cylinder Housing w/AR Cam	Falcon Lock	626
1	Securing Devices	A08794-003 Adjustable Ring, Mortise Cyl. 516-13/32	Falcon Lock	626
1	Operating Trim	108 Door Pull Handle	Rockwood	630
1	Closing Devices	8916 Door Closer 8916 AF89P	Dorma	689
1	Stops and Holders	473 Door Stop w/ Hook	Rockwood	626
1	Threshold	325 Half Saddle Threshold	National Guard	---
1	Sign	Vinyl Sign: "THIS DOOR MUST REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED"	Seton	---

DOOR HARDWARE SET NO. 42 - For exterior 42" wide service door

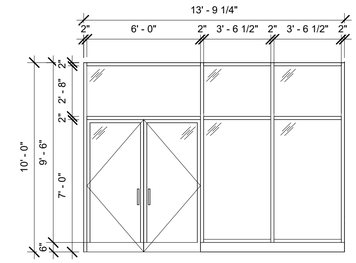
No.	Item	Description	Manufacturer	Finish
3	Hanging Devices	TA2314/MPB91 Hinge MacPro Bearing 4.5 x 4.5	McKinney	630
1	Securing Devices	C607 7-Pin Core Combinated "A" Keyway	Falcon Lock	626
1	Securing Devices	I/O 2000L-03IC Auto Locking Door Alarm, IC; No CTR Includes Mortise Cylinder	Sur-Lock	---
1	Closing Devices	8916 Door Closer 8916 AF89P	Dorma	689
1	Protective Trim Units	K1050 B4E Kickplate 10" x 40"	Rockwood	630
1	Accessories	137NA Weather Strip 20' 42" x 84"	National Guard	A
1	Accessories	Door Sweep 18062CNB36	Pemko	A
1	Miscellaneous Items	DS / 1000 Door Scope	Security Products	Silver
1	Miscellaneous Items	MCV309NWHGL Door Bell	Nutone	As Selected



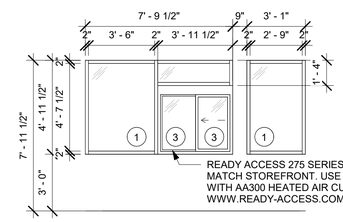
W1
Scale: 1/4" = 1'-0"



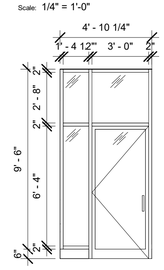
W2
Scale: 1/4" = 1'-0"



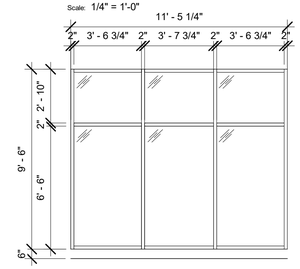
W3
Scale: 1/4" = 1'-0"



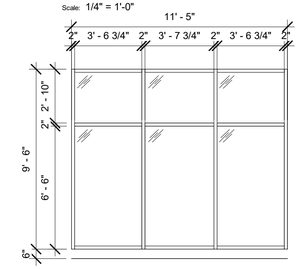
E1
Scale: 1/4" = 1'-0"



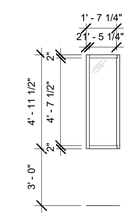
W4
Scale: 1/4" = 1'-0"



W5
Scale: 1/4" = 1'-0"



W6
Scale: 1/4" = 1'-0"



W7
Scale: 1/4" = 1'-0"

DOOR HARDWARE SET NO. 3-A - For pair aluminum main entry/exit doors (300 or less occupancy)

No.	Item	Description	Manufacturer	Finish
6	Hanging Devices	TA2314/MPB91 Hinge MacPro Bearing 4.5 x 4.5	McKinney	630
1	Securing Devices (active leaf)	MS1850S Deadbolt	Adams RIte	626
1	Securing Devices (inactive leaf)	MS1880 Two-Point Flushbolt	Adams Rite	626
2	Securing Devices (active leaf)	C607 7-Pin Core Combinated "A" Keyway	Falcon Lock	626
1	Securing Devices (active leaf)	KB609-2 Cut Control Key "A" Keyway	Falcon Lock	---
9	Securing Devices (active leaf)	KB632-2 Cut User Key "A" Keyway	Falcon Lock	---
2	Securing Devices (active leaf)	C987 7-Pin Mortise Cylinder Housing w/AR Cam	Falcon Lock	626
2	Securing Devices (active leaf)	A08794-003 Adjustable Ring, Mortise Cyl. 5/16-13/32	Falcon Lock	626
2	Operating Trim	108 Door Pull Handle	Rockwood	630
2	Operating Trim	48 Push Bar x 31	Rockwood	630
2	Closing Devices	8916 Door Closer 8916 AF89P AL	Dorma	689
2	Stops and Holders	473 Door Stop w/Hook	Rockwood	626
2	Accessories	Door Sweep 18062CNB36	Pemko	A
1	Threshold	325 Half Saddle Threshold	National Guard	---
1	Sign	Vinyl Sign: "THIS DOOR MUST REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED"	Seton	---

WINDOW SCHEDULE

WINDOW	COUNT	MATERIAL			LINTEL	COMMENTS
		FRAME	FINISH	GLAZING		
E1	1	ALUM	BLACK (ANOD)	INSUL/TEMP/LOW E	PER STRUCT DWGS	SOLARBAN R27 (2) + (2) CLEAR + CLEAR INSULATED GLASS
W1-W7	7	ALUM	BLACK (ANOD)	INSUL/TEMP/LOW E	PER STRUCT DWGS	SOLARBAN R27 (2) + (2) CLEAR + CLEAR INSULATED GLASS

GENERAL NOTES:

1. SEALANT TO MATCH ANODIZED ALUMINUM STOREFRONT SYSTEM.
2. FIELD VERIFY ALL DIMENSIONS PRIOR TO STOREFRONT MANUFACTURING.
3. **GC TO PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION**

ABBREVIATIONS:

- ALUM: ALUMINUM
- ANOD: ANODIZED
- INSUL: INSULATED GLASS
- LHIR: LAMINATED HURRICANE IMPACT RESISTANT
- TEMP: TEMPERED GLASS

GLAZING NOTES:

1. 1" INSULATED TEMPERED CLEAR GLAZING
2. SOLID ANODIZED PANEL
3. 1/4" TEMPERED CLEAR GLAZING
4. SPANDREL GLAZING

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #: 69057
PROJECT #: 94787-001
ISSUE DATE: 12-1-2023
SR. DESIGN MANAGER: L. ALVAREZ-TABIO
PRODUCTION DESIGNER: L. LA SPIA
CHECKED BY: NORR

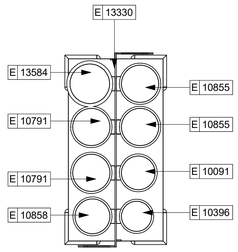
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
WINDOW AND DOOR SCHEDULES & DETAILS
SCALE: AS SHOWN

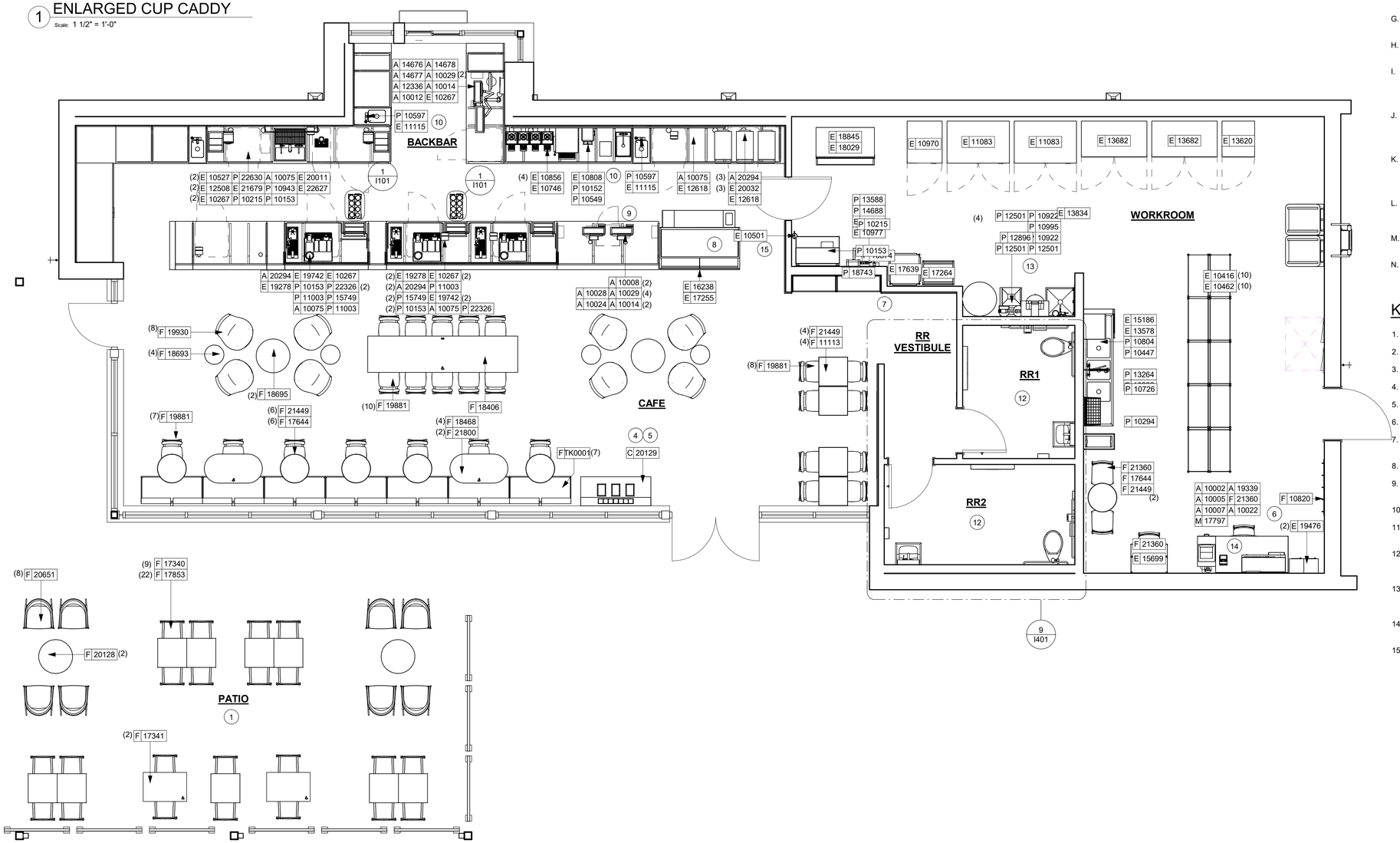
SHEET NUMBER:
A602

12/5/2023 3:50:03 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



1 ENLARGED CUP CADDY

Scale: 1 1/2" = 1'-0"



FURNITURE, FIXTURES, AND EQUIPMENT PLAN

Scale: 1/4" = 1'-0"

GENERAL NOTES

A. GENERAL CONTRACTOR TO SCHEDULE WITH LOCAL REFRIGERATION CONTRACTOR TO CONDUCT INITIAL FOOD CASE START-UP AND TESTING. FOR LIST OF APPROVED START UP CONTRACTORS, CONTACT PROJECT CONSTRUCTION REPRESENTATIVE.

B. THE SITE IS SERVED BY THE MUNICIPAL WATER AND SEWER SYSTEM UNLESS OTHERWISE NOTED.

C. ALL FOOD STORAGE SHALL BE 6" (150mm) A.F.F.

D. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETS) SHALL BE SEALED.

E. ALL EQUIPMENT AND INSTALLATION WILL MEET NATIONAL SANITATION FOUNDATION STANDARDS OR EQUIVALENT.

F. ALL EQUIPMENT AND CABINETRY WILL BE FLUSH MOUNTED TO COUNTERS, WALLS OR FLOORS, OR BE RAISED TO ALLOW FOR CLEANING.

G. CONFIRM ALL NECESSARY EQUIPMENT CLEARANCES PER PRODUCT CUT SHEET (E.G. ICE MACHINE).

H. FOR LOCATION OF COUNTERTOP EQUIPMENT, REFER TO CASEWORK ELECTRICAL DETAILS.

I. EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS OR OVERHANGING EDGES THAT SERVE AS PLACES FOR ACCUMULATION OF DUST, DIRT AND DEBRIS.

J. WARMING OVEN(S) SHOWN FOR PERMITTING PURPOSES. INSTALLATION AT STORE OPENING TO BE VERIFIED BY STARBUCKS CONSTRUCTION REPRESENTATIVE.

K. EACH HAND WASHING SINK WILL HAVE A SINGLE SERVICE TOWEL AND SOAP DISPENSER, AND ALL HAND SINKS TO HAVE A COMBINATION FAUCET OR PREMIXING FAUCET.

L. FOR PLUMBING FIXTURES, REFER TO THE PLUMBING DESIGN PLAN. FOR DATA DEVICE SCHEDULE, REFER TO THE ELECTRICAL DESIGN PLAN.

M. SEE ELEVATIONS FOR DISTRIBUTION OF CUP DISPENSERS.

N. PROVIDE FIRE EXTINGUISHERS AS NOTED ON THE APPROVED PLANS FROM THE LOCAL JURISDICTION.

KEYED NOTES

1. INSTALL EXTERIOR FURNITURE THROUGHOUT AS SHOWN.
2. INSTALL CAFE FURNITURE THROUGHOUT AS SHOWN.
3. COMMUNITY TABLE. SEE FURNITURE SCHEDULE.
4. COMMUNITY BOARD. SEE INTERIOR FINISH ELEVATIONS.
5. CONDIMENT CART. SEE INTERIOR FINISH ELEVATIONS.
6. SECURE LOCKERS TO WALL.
7. MERCHANDISE DISPLAY. SEE DETAILS FOR MORE INFORMATION.
8. DO NOT BLOCK FOOD CASE INTAKE/EXHAUST.
9. SAFE LOCATED AT POS CABINET. SEE ELECTRICAL FOR ADDITIONAL INFORMATION.
10. HAND SINK W/ INTEGRAL SPLASH GUARD.
11. INSTALL CORNER GUARD AS INDICATED. SEE INTERIOR FINISH ELEVATIONS.
12. REFER TO ENLARGED RESTROOM PLANS AND ELEVATIONS (SHEET I401) FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
13. VENDOR TO INSTALL WATER FILTRATION SYSTEM PER MANUFACTURER'S REQUIREMENTS. GC TO PROVIDE PLUMBING AND ELECTRICAL REQUIREMENTS.
14. MANAGERS DESK. SEE MANAGER'S DESK/EQUIPMENT RACK ELECTRICAL DETAIL FOR ADDITIONAL INFORMATION.
15. PLACE FIRE EXTINGUISHER IN WORKROOM PER FIRE INSPECTORS REQUIREMENTS.

0 2' 4' 8'

Scale: 1/4" = 1'-0"

N

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

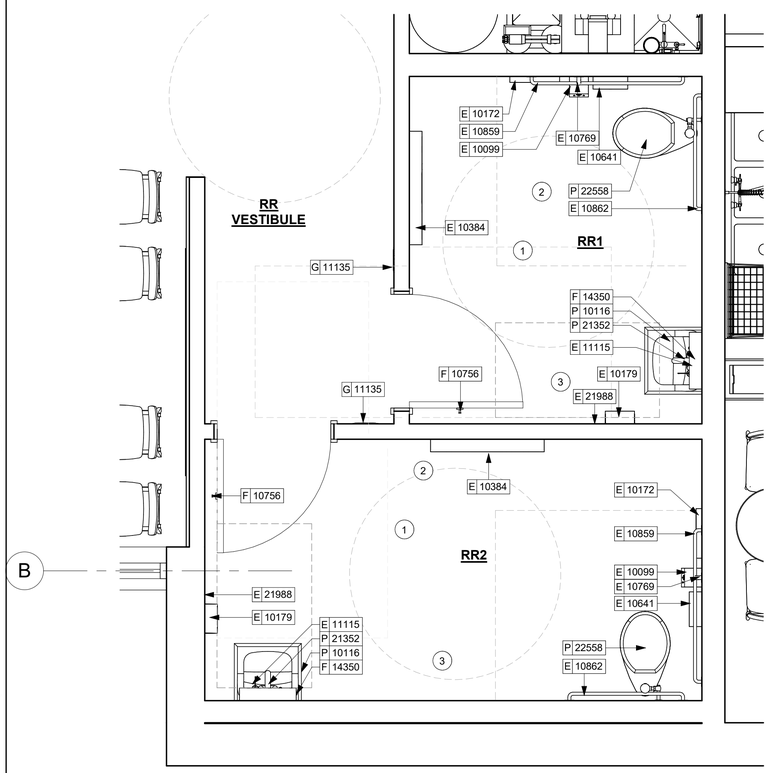
Rev	Date	By	Description

SHEET TITLE:
FF & E PLAN

SCALE: AS SHOWN

SHEET NUMBER:
I101

12/5/2023 3:50:09 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



ENLARGED RESTROOM PLAN

Scale: 1/2" = 1'-0"

GENERAL NOTES

A. GENERAL CONTRACTOR TO SCHEDULE WITH LOCAL REFRIGERATION CONTRACTOR TO CONDUCT INITIAL FOOD CASE START-UP AND TESTING. FOR LIST OF APPROVED START UP CONTRACTORS, CONTACT PROJECT CONSTRUCTION REPRESENTATIVE.

B. THE SITE IS SERVED BY THE MUNICIPAL WATER AND SEWER SYSTEM UNLESS OTHERWISE NOTED.

C. ALL FOOD STORAGE SHALL BE 6" (150mm) A.F.F.

D. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETS) SHALL BE SEALED.

E. ALL EQUIPMENT AND INSTALLATION WILL MEET NATIONAL SANITATION FOUNDATION STANDARDS OR EQUIVALENT.

F. ALL EQUIPMENT AND CABINETRY WILL BE FLUSH MOUNTED TO COUNTERS, WALLS OR FLOORS, OR BE RAISED TO ALLOW FOR CLEANING.

G. CONFIRM ALL NECESSARY EQUIPMENT CLEARANCES PER PRODUCT CUT SHEET (E.G. ICE MACHINE).

H. FOR LOCATION OF COUNTERTOP EQUIPMENT, REFER TO CASEWORK ELECTRICAL DETAILS.

I. EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS OR OVERHANGING EDGES THAT SERVE AS PLACES FOR ACCUMULATION OF DUST, DIRT AND DEBRIS.

J. WARMING OVEN(S) SHOWN FOR PERMITTING PURPOSES. INSTALLATION AT STORE OPENING TO BE VERIFIED BY STARBUCKS CONSTRUCTION REPRESENTATIVE.

K. EACH HAND WASHING SINK WILL HAVE A SINGLE SERVICE TOWEL AND SOAP DISPENSER, AND ALL HAND SINKS TO HAVE A COMBINATION FAUCET OR PREMIXING FAUCET.

L. FOR PLUMBING FIXTURES, REFER TO THE PLUMBING DESIGN PLAN. FOR DATA DEVICE SCHEDULE, REFER TO THE ELECTRICAL DESIGN PLAN.

M. SEE ELEVATIONS FOR DISTRIBUTION OF CUP DISPENSERS.

N. PROVIDE FIRE EXTINGUISHERS AS NOTED ON THE APPROVED PLANS FROM THE LOCAL JURISDICTION.

KEYED NOTES

1. REFER TO ENLARGED RESTROOM PLANS AND ELEVATIONS (SHEET I401) FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
2. ALL TOILET OPERABLE FLUSHING PARTS MUST BE LOCATED ON THE OPEN SIDE OF THE TOILET.
3. ALL EXPOSED PIPING SHALL BE INSULATED PER LOCAL CODES. REFER TO PLUMBING SHEETS.

0 1' 2' 4'
Scale: 1/2" = 1'-0"

N

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

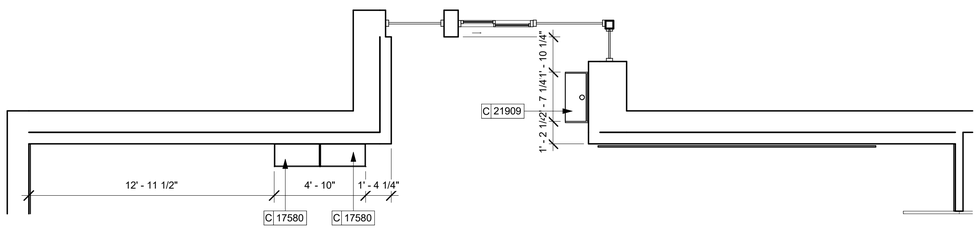
Rev	Date	By	Description

SHEET TITLE:
FF & E PLAN

SCALE: AS SHOWN

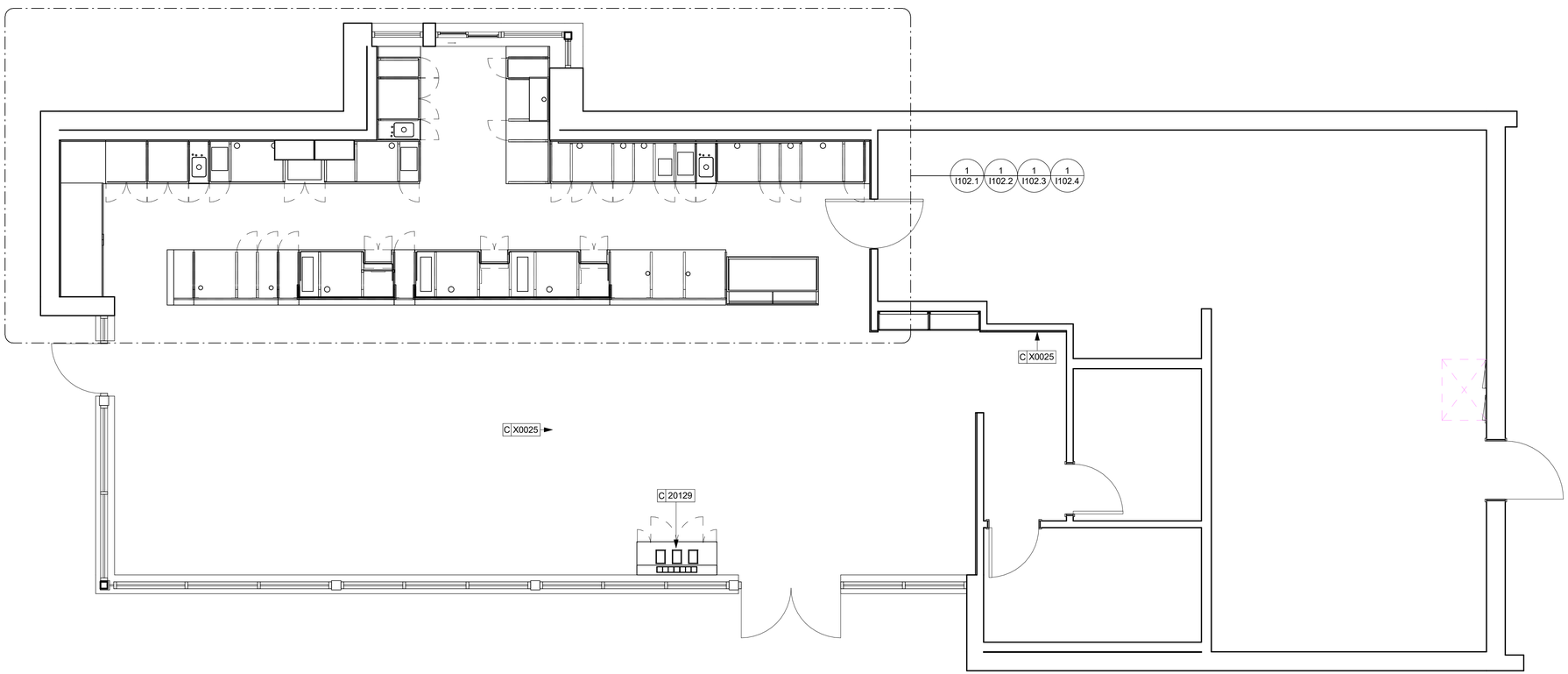
SHEET NUMBER:
I101.1

12/5/2023 3:50:11 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



UPPER CASEWORK PLAN

Scale: 1/4" = 1'-0"



CASEWORK PLAN

Scale: 1/4" = 1'-0"

0 2' 4' 8'

Scale: 1/4" = 1'-0"

N

KEYED NOTES

****MATERIAL AREAS AND TAKE-OFFS ARE ACTUAL AREA, NOT ORDERING QUANTITY, SUPPLIER MUST ACCOUNT FOR OVERAGE, PATTERN REPEAT, ACCESSORY PIECES, ETC.**

****NOTE: FOR ALL EXISTING CASEWORK THAT IS INDICATED AS BEING SALVAGED, REUSED AND/OR REFINISHED, IT IS REQUIRED THAT THE GC VISIT THE SITE TO VERIFY DIMENSIONS. GC TO PROVIDE DIMENSIONS OF ITEMS THAT ARE NOTED "EXISTING TO REMAIN", "EXISTING TO BE RELOCATED", "EXISTING TO BE REFINISHED" TO CASEWORK VENDOR PRIOR TO SHOP DRAWING PRODUCTION.**

****NOTE: CASEWORK VENDOR TO PROVIDE SHOP DRAWINGS & SAMPLES FOR DESIGNER APPROVAL PRIOR TO FABRICATION.**

1. INSTALL CASEWORK, COUNTERTOPS, SHELVES, CUBBIES, FINISHES, TRIM AND TABLE TOPS THROUGHOUT.
2. ALL COUNTERTOPS SHALL BE INSTALLED AT 2'-10" (860 MM) MAXIMUM A.F.F. MAX.
3. VARIABLE WIDTH FILLER CABINET / COUNTERTOP REQUIRED TO FILL GAP (FIELD VERIFY DIMENSION). FILLER PANEL AND COUNTERTOP SHALL BE SCRIBED AND FIELD CUT TO FIT.
4. FLOOR DRAIN BELOW. CASEWORK MANUFACTURER TO COORDINATE DESIGN TO INSURE THIS AREA IS READILY ACCESSIBLE FOR CLEANING AND FREE OF COUNTERTOP SUPPORT.

GENERAL NOTES

A. GENERAL CONTRACTOR TO NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF A DISCREPANCY EXISTS BETWEEN CASEWORK SHOP DRAWINGS, EXISTING SITE CONDITIONS, ARCHITECTURAL DRAWINGS OR BUILT FIXTURES. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY G.C.

B. STARBUCKS CONSTRUCTION MANAGER TO COORDINATE AND SCHEDULE CASEWORK DELIVERY DATE. GENERAL CONTRACTOR TO CONFIRM CASEWORK DELIVERY DATE WITH CASEWORK MANUFACTURER AT FOUR (4) WEEKS PRIOR AND THEN ONE (1) WEEK PRIOR TO SCHEDULED DATE OF DELIVERY.

C. STARBUCKS CONTRACTS DIRECTLY WITH CASEWORK VENDOR TO SUPPLY CASEWORK LISTED IN THE CASEWORK SCHEDULE, UNLESS OTHERWISE NOTED.

D. CASEWORK VENDOR TO PROVIDE COMPLETE SHOP DRAWINGS AND INSTALLATION PACKAGE TO GENERAL CONTRACTOR TO FACILITATE PROPER INSTALLATION.

E. ALL CASEWORK BOX BASES SHALL BE SET AND LEVELED USING 1/4" (6 MM) NON-ABSORBENT PLASTIC SHIMS PROVIDED BY CASEWORK VENDOR.

F. SEE INTERIOR FINISH ELEVATIONS AND SCHEDULES FOR LOCATION AND TAGGING OF WALL TREATMENTS BY CV AND OTHERS.

G. SEE REFLECTED CEILING PLAN FOR ABOVE BAR SOFFIT LOCATIONS.

H. REFERENCE PLUMBING AND ELECTRICAL PLANS FOR PLACEMENT OF ELECTRICAL, DATA AND PLUMBING ON FRONT AND BACKLINE OF BAR.

LEGEND

- INDICATES STAINLESS STEEL (SST) COUNTERTOP
- INDICATES SOLID SURFACE (SS) COUNTERTOP
- (A) INDICATES WOOD CLADDING
- DATUM POINT

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
CASEWORK PLAN

SCALE: AS SHOWN

SHEET NUMBER:
I102

12/5/2023 3:50:13 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

ADAPTABLE CASEWORK SUPPORT LEG AND DIEWALL BASE SCHEDULE "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DIEWALL					
21886	8	DIEWALL - BASE - VARIABLE LENGTH	SB	GC	
21888	59	DIEWALL - SUPPORT LEG	SB	GC	

KEYED NOTES

1. CASEWORK SUPPORT ADJACENT TO WALL TO SIT ON STEEL ANGLE FASTENED TO WALL.
2. CASEWORK FRAMEWORK ABOVE
3. FOOD CASE BASE

GENERAL NOTES

A. SEE SHEET I102 FOR COMPLETE CASEWORK SCHEDULE.

B. METAL COMPONENTS PROVIDED BY CASEWORK SUPPLIER UNLESS OTHERWISE NOTED.

C. DIEWALL AND BOX BASES TO BE INSTALLED PRIOR TO FLOORING MATERIAL INSTALLATION.

D. G.C. TO INSTALL BLOCKING BETWEEN DIEWALL BASE.

E. ALL DIMENSIONS TAKEN FROM FRONTLINE DATUM POINT TO OUTSIDE CORNER OF DIEWALL BASE.

F. BOX BASE (IF APPLICABLE) BUTTS UP AGAINST INSIDE FACE OF DIEWALL. PROVIDE SEALANT AT SEAM.

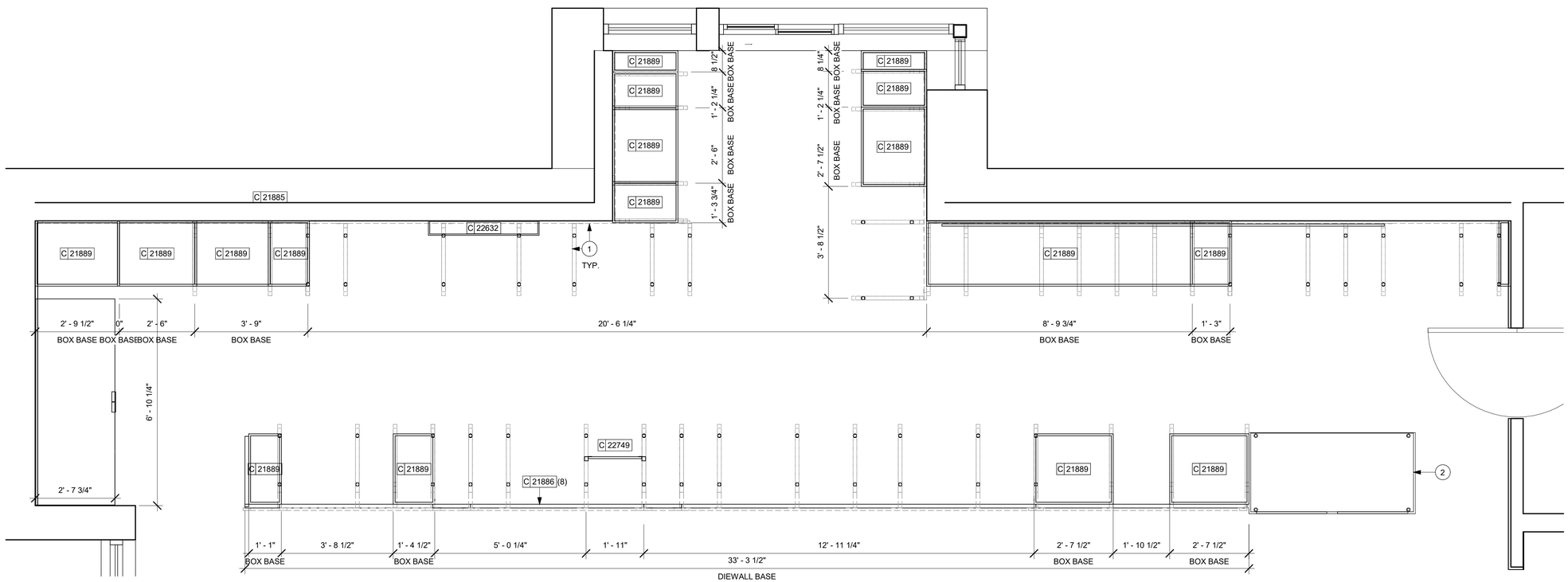
G. LEVEL BOX BASES TO BOTTOM RAIL OF WALL FRAME.

LEGEND

VARIABLE LENGTH BOX BASE

CABINET LEG

DATUM POINT



ADAPTABLE CASEWORK BASE PLAN

Scale: 1/2" = 1'-0"

0 2' 4' 6'
Scale: 3/8" = 1'-0"

N

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ADAPTABE CASEWORK BASE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
I102.1

12/5/2023 3:50:15 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

ADAPTABLE CASEWORK FRAMEWORK SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DIEWALL					
21885	22	DIEWALL - FRAMING - VARIABLE LENGTH	SB	GC	
21888	59	DIEWALL - SUPPORT LEG	SB	GC	

KEYED NOTES

1. PROVIDE 3/4" BLOCKING TO 34" A.F.F. FOR ALL WALL BRACKETS TO SUPPORT CASEWORK LEG.
2. METAL SUPPORT LEG ADJACENT TO WALL TO BE SUPPORTED BY METAL ANGLE FASTENED TO WALL PER CONSTRUCTION DETAILS.
3. BOX BASE BELOW
4. DIMENSIONS LOCATING SUPPORT LEG ARE TO CENTER OF FRAME.
5. FOOD CASE

GENERAL NOTES

A. SEE SHEET I102 FOR COMPLETE CASEWORK SCHEDULE.

B. METAL COMPONENTS PROVIDED BY CASEWORK SUPPLIER UNLESS OTHERWISE NOTED.

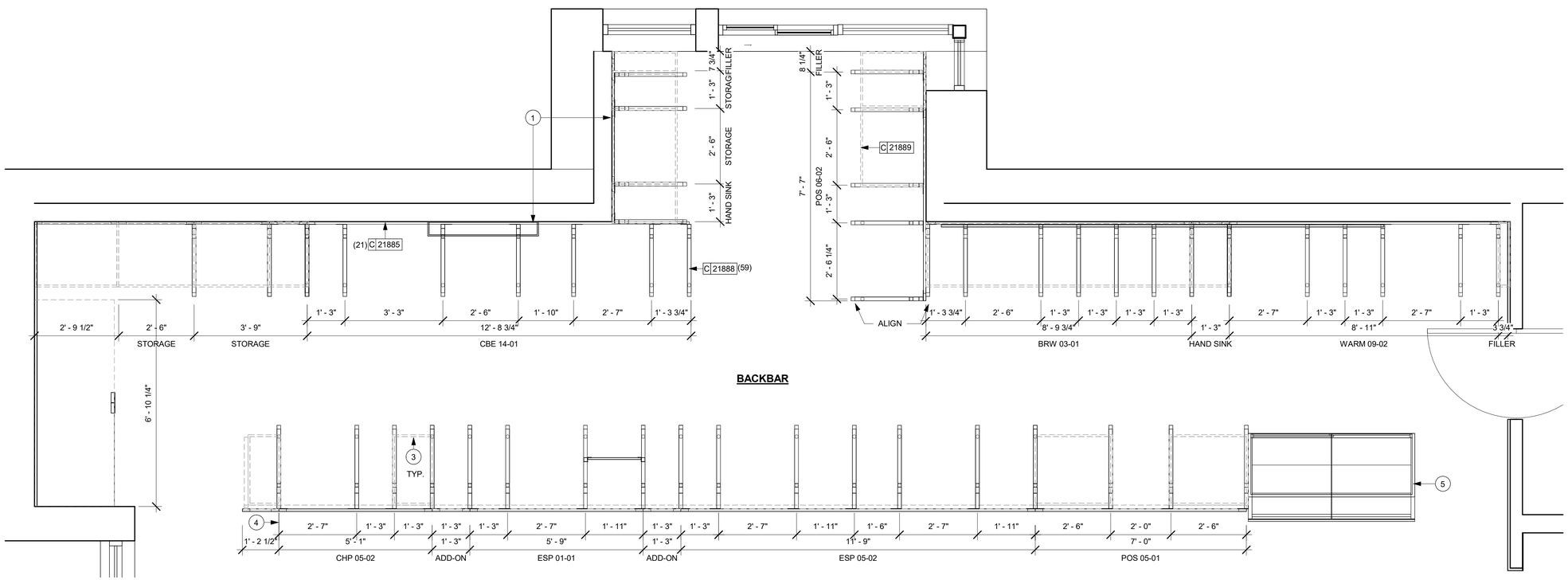
C. G.C. TO PROVIDE CONTINUOUS WALL BLOCKING BEHIND CASEWORK.

D. CASEWORK FRAME AT BAR ENDS ARE SUPPORTED BY 90 DEGREE DIEWALL BASE.

E. ALL DIMENSIONS TAKEN FROM FRONTLINE DATUM POINT TO OUTSIDE CORNER OF DIEWALL BASE.

F. TOP EDGE OF DIEWALL FRAME TO BE INSTALLED AT 32 13/16" A.F.F. AT LOW POINT.

G. ALL DIMENSIONS ARE TO CENTER OF CABINET FRAME UNLESS NOTED OTHERWISE.



ADAPTABLE CASEWORK FRAMEWORK PLAN

Scale: 1/2" = 1'-0"

0 2' 4' 6'
Scale: 3/8" = 1'-0"

N

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ADAPTABLE CASEWORK FRAMEWORK PLAN
SCALE: AS SHOWN

SHEET NUMBER:
I102.2

12/5/2023 3:50:17 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

ADAPTABLE CASEWORK CABINET SCHEDULE - "C"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
X0021	1	METAL CASING	GC	GC	
X0022	1	METAL CASING	GC	GC	
CABINET					
17580	2	CABINET - CBE TEA SHELF - 29IN 735MM - FLAT BLACK MT0028	SB	GC	
19281	3	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC	
21889	18	CABINET - BOX BASE - VARIABLE LENGTH	SB	GC	
21890	43	CABINET - SIDE PANEL	SB	GC	
21891	12	CABINET - BOTTOM SHELF - 15IN 380MM	SB	GC	
21892	8	CABINET - BACK PANEL - 15IN 380MM	SB	GC	
21893	8	CABINET - ADJUSTABLE SHELF - 15IN 380MM	SB	GC	
21894	11	CABINET - DOOR - 15IN 380MM	SB	GC	
21895	8	CABINET - DOOR TRASH - 15IN 380MM	SB	GC	
21896	2	CABINET - DRAWER - 15IN 380MM	SB	GC	
21902	8	CABINET - BOTTOM SHELF - 30IN 760MM	SB	GC	
21903	4	CABINET - BACK PANEL - 30IN 760MM	SB	GC	
21904	10	CABINET - ADJUSTABLE SHELF - 30IN 760MM	SB	GC	
21905	5	CABINET - DOOR - 30IN 760MM	SB	GC	
21908	5	CABINET - FILLER PANEL - VARIABLE LENGTH	SB	GC	
21909	1	CABINET - DT POS UPPER CUBBY - 32IN 815MM	SB	GC	
21910	1	CABINET - FRENCH CLEAT - VARIABLE LENGTH	SB	GC	DESIGNER TO VERIFY QUANTITY, PROVIDE OVERALL LENGTH REQUIRED.
21912	3	CABINET - BACK PANEL FOR POS - 30IN 760MM	SB	GC	
21913	6	CABINET - EQUIPMENT MOUNTING PANEL	SB	GC	
22632	1	CABINET - CBE DRY INCLUSION SHELF - 44IN 1120MM - FLAT BLACK MT0028	SB	GC	
22749	1	CABINET - ESPRESSO PUMP MOUNT PANEL	SB	GC	
X0042	1	CUSTOM CABINET -BACKBAR	GC	GC	FINISH PL0019 MOTTLED BLACK
CAFE					
20129	1	CONDIMENT CART THREE DROP - WALNUT AND WHITE WD0077 CP0002	SB	GC	
20307	1	WALL BAY 3 UNIT - 90IN 2285MM - DARK WARM BROWN WD0001	SB	GC	
OTHER					
11155	3	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 255X255MM	SB	GC	
21914	9	FRIDGE STOP BRACKET SET	SB	GC	
X0025	1	WOOD SLAT 1" X 2"	SB	GC	
X0026	1	MENU BACKER BOARD	SB	GC	PROVIDED BY CASEWORK VENDOR. REFER TO DETAIL FOR MORE INFO.
PANEL					
21933	8	FINISH PANEL - VARIABLE LENGTH	SB	GC	

ADAPTABLE CASEWORK CABINET TYPES AND BILL OF MATERIALS SCHEDULE

KEY NUMBER	CABINET TYPE	FULL HT. DOORS	3/4 DOOR	3/4 DOOR W/ VENT	DRAWER	BOTTOM SHELF	ADJUST. SHELF	BACK PANEL	SIDE PANELS	BOX BASE^^
101	15" STORAGE	1 DID 21894	N/A	N/A	N/A	1 DID 21891	1 DID 21893	1 DID 21892	2** DID 21890	YES DID 21889
102	18" STORAGE	1 DID 21901	N/A	N/A	N/A	1 DID 21898	1 DID 21900	1 DID 21899	2** DID 21890	YES DID 21889
103	30" STORAGE	2 DID 21905	N/A	N/A	N/A	1 DID 21902	1 DID 21904	1 DID 21903	2** DID 21890	YES DID 21889
104	30" POS	N/A	N/A	N/A	N/A	1 DID 21902	1 DID 21904	1 DID 21912	2** DID 21890	YES DID 21889
105	18" POS	N/A	N/A	N/A	N/A	1 DID 21898	1 DID 21900	1 DID 21911	2** DID 21890	YES DID 21889
106	15" DRAWER	N/A	1 DID 21895	N/A	1 DID 21896	1 DID 21891	1 DID 21893	1 DID 21892	2** DID 21890	YES DID 21889
107	15" PRODUCTION CONTROLLER	N/A	N/A	1 DID 21897	1 DID 21896	1 DID 21891	1 DID 21893	1 DID 21892	2** DID 21890	YES DID 21889
108	15" CUBBY - COFFEE	N/A	N/A	N/A	N/A	1 DID 21891	1 DID 21893	1 DID 21892	2** DID 21890	YES DID 21889
109	15" CUBBY - TRASH	N/A	1/0* DID 21895	N/A	N/A	N/A	0	0	2** DID 21890	YES DID 21889
110	15" SINK	1/0* DID 21894	N/A	N/A	N/A	1^ DID 21891	0	0	2** DID 21890	YES^ DID 21889
111	18" SINK OR ICE BIN	1/0* DID 21901	N/A	N/A	N/A	1^ DID 21898	0	0	0 (1,2)** DID 21890	NO
112	24" SAFE	N/A	N/A	N/A	N/A	N/A	0	0	0 (1,2)** DID 21890	NO
113	30" REFRIGERATOR	N/A	N/A	N/A	N/A	N/A	0	0	0 (1,2)** DID 21890	NO

*** DOOR NOT REQUIRED WHERE CUSTOMER VIEW IS LIMITED OR NEGLIGIBLE (i.e. FRONTLINE OR BEHIND WALLS)**

**** SIDE PANEL QUANTITY SHOWN IS FOR STAND-ALONE CABINETS; ACUTAL SIDE PANEL QUANTITY IS DEPENDENT ON ADJACENT CABINET TYPE AS SIDE PANELS CAN BE SHARED.**

^ BOTTOM SHELF AND BOX BASE (IF APPLICABLE), SHOULD BE REMOVED AT SINK/ICE BIN CABINETS WITH FLOOR SINK LOCATED...

^^ BOX BASE TO BE PROVIDED AT SPECIFIC CABINETS WHEN REQUIRED BY JURISDICTIONAL CODE OR LOCAL OPERATOR PREFERENCE (NOTED AS "YES")

KEYED NOTES

1. NITRO EQUIPMENT LOCATION
2. FOOD CASE
3. FILLER FINISH PANEL TO BE SHIPPED LONGER THAN DIMENSIONED AND CUT TO FIT IN FIELD.
4. CASEWORK SUPPLIER TO PROVIDE ADDITIONAL BACKER SUBSTRATE TO ALIGN END CAP PANEL TO ADJACENT DOOR FACES.

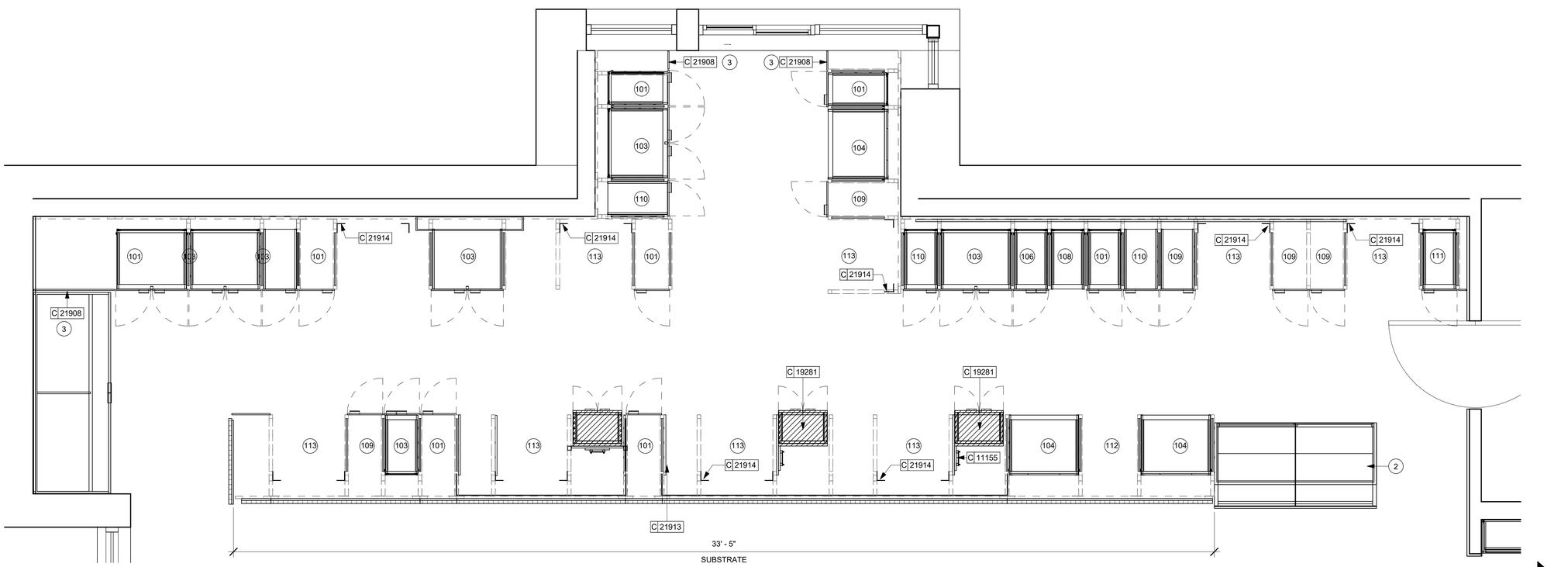
GENERAL NOTES

A. SEE SHEET I102 FOR COMPLETE CASEWORK SCHEDULE.

B. ALL DIMENSIONS ARE TO CENTER OF FRAME ASSEMBLY.

C. CABINET PANELS:
> ALL CABINET SHELVING TO BE SECURED TO METAL COMPONENTS WITH #8 ROUND HEAD SCREWS.
> ALL METAL COMPONENTS SHALL BE SECURED TO FRAME ASSEMBLY AT KEY HOLE LOCATIONS.
> BOTTOM FLASHING SECURED TO HDPE WITH SILICONE.

D. SUBSTRATE PANELS:
> SUBSTRATE PANELS SHALL BE MOISTURE RESISTANT (MR) PLYWOOD, MDF OR HDF.
> CASEWORK VENDOR SHALL PROVIDE ALL SUB PANELS TO BE CUT TO SIZE PRIOR TO SHIPPING.
> CASEWORK VENDOR SHALL APPLY Z-CLIPS TO FINISH PANELS PRIOR TO SHIPPING.
> FRONTLINE PANELS TO BE SECURED TO SUBSTRATE VIA Z-CLIP APPLICATION.
> PANEL INSTALLATION TO START AT OUTSIDE CORNER LOCATIONS.
> END PANELS TO BE SCRIBED ON SITE.
> ALL PANEL CUT-OUTS SHALL BE FINISHED ALL AROUND.
> Z-CLIPS TO BE INSTALLED 1" AWAY FROM PANEL EDGE.



ADAPTABLE CASEWORK CABINET PLAN

Scale: 1/2" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ADAPTABLE CASEWORK CABINET PLAN
SCALE: AS SHOWN

SHEET NUMBER:
I102.3

12/5/2023 3:50:21 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

ADAPTABLE CASEWORK COUNTERTOP SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COUNTERTOP					
21918	1	COUNTERTOP - FILLER FRONTBAR - VARIABLE LENGTH			
21919	4	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	
21920	2	COUNTERTOP - FRONTBAR - 15IN 380MM			
21923	1	COUNTERTOP - END CAP FRONTBAR	SB	GC	
21925	2	COUNTERTOP - BACKBAR - 15IN 380MM	SB	GC	
21927	3	COUNTERTOP - BACKBAR - 30IN 760MM	SB	GC	
22330	1	COUNTERTOP - BREW - LF - 105IN 2665MM	SB	GC	
22344	1	COUNTERTOP - ESPRESSO FRONTBAR - LF - 69IN 1755MM	SB	GC	
22346	1	COUNTERTOP - ESPRESSO SHROUD - 69IN 1755MM	SB	GC	
22353	1	COUNTERTOP - ESPRESSO FRONTBAR - RF - 141IN 3580MM	SB	GC	
22354	1	COUNTERTOP - ESPRESSO SHROUD - 141IN 3580MM	SB	GC	
22361	1	COUNTERTOP - POS - 84IN 2135MM	SB	GC	
22362	1	COUNTERTOP - DT POS - LF - 76IN 1930MM	SB	GC	
22378	1	COUNTERTOP - WARMING - LF - 107IN 2720MM	SB	GC	
22391	1	COUNTERTOP - CONSOLIDATED HANDOFF - 61IN 1550MM	SB	GC	
22396	3	COUNTERTOP - HAND SINK TALL SPLASH - 15IN 380MM	SB	GC	
22636	1	COUNTERTOP - CBE - RF - 152IN 3860MM	SB	GC	

KEYED NOTES

1. CASEWORK FRAME BELOW
2. LOCATE WATER TROUGH AT EDGE OF COUNTERTOP AS SHOWN.
3. RAISED EDGE GROMMETS
4. CORIAN SHROUD AT ESPRESSO BAR
5. CUT OUT FOR RECESSED SINK, ICE BIN OR TRASH DROP. SEE EQUIPMENT AND/OR MANUFACTURER'S CUTSHEETS FOR DIMENSIONS.
6. FOOD CASE

GENERAL NOTES

A. SEE SHEET I102 FOR COMPLETE CASEWORK SCHEDULE.

B. G.C.'S INSTALLER SHALL VERIFY COUNTER CHANNEL REQUIREMENTS PRIOR TO CUTTING IN FIELD.

C. G.C./INSTALLER TO VERIFY COUNTERTOP SUPPORT CHANNEL MEASUREMENTS PRIOR TO CUTTING. FIELD CUT AT SINKS AND ICE BINS.

D. "C" CHANNEL MOUNTS OVER FRONT AND REAR INDEX BRACKETS WHICH ARE INSERTED INTO FRAMEWORK.

E. SILICONE SEAM AT TRANSITION FROM COUNTERTOP TO HAND SINKS.

F. SILICONE AND SEAL ALL SEAMS BETWEEN SINKS, EQUIPMENT AND COUNTERTOPS.

G. ONCE COUNTERTOP IS SET, LEVELED AND SEAMED, SECURE CHANNEL TO UNDERSIDE OF SUBSTRATE.

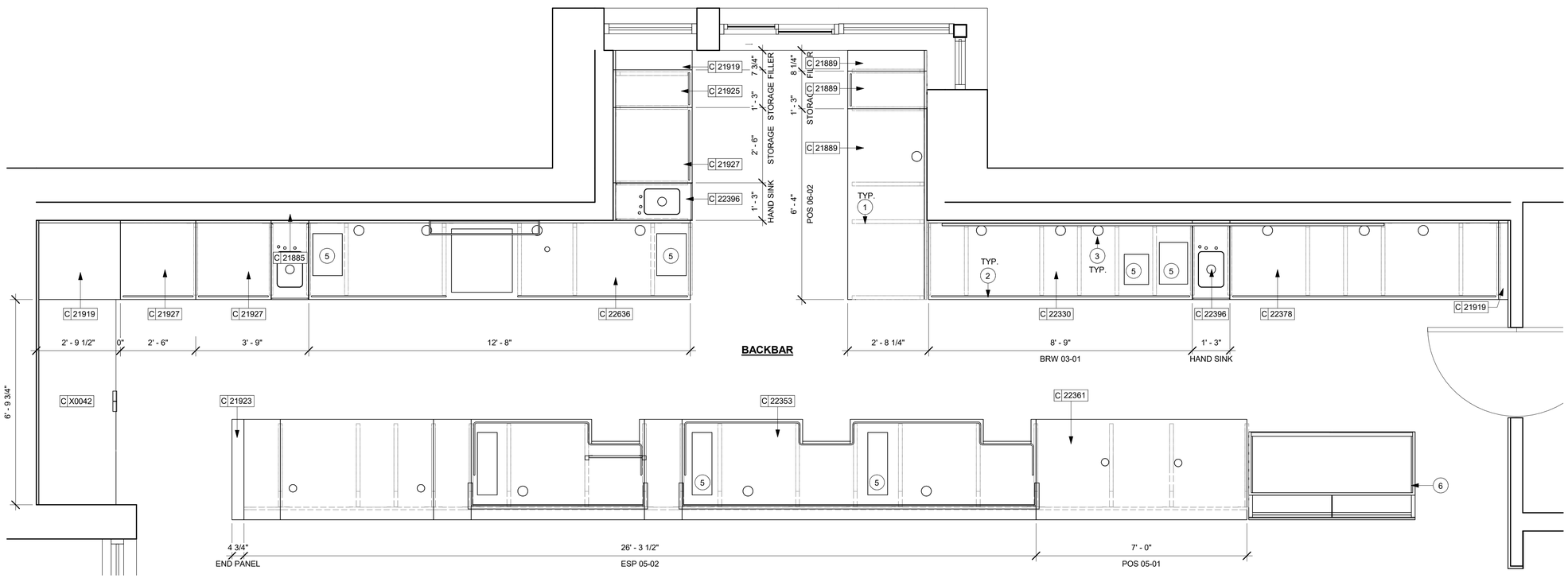
LEGEND

INDICATES STAINLESS STEEL (SST) COUNTERTOP

INDICATES SOLID SURFACE (SS) COUNTERTOP

A — INDICATES WOOD CLADDING

DATUM POINT



ADAPTABLE CASEWORK COUNTERTOP PLAN

Scale: 1/2" = 1'-0"

0 2' 4' 6'
Scale: 3/8" = 1'-0"

N

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ADAPTABLE CASEWORK COUNTERTOP PLAN
SCALE: AS SHOWN

SHEET NUMBER:
I102.4

12/5/2023 3:50:23 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

LIGHTING FIXTURE SCHEDULE - "L"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
EXIT						
11611	2	EMERGENCY EXIT LIGHT - WHITE	SB	GC	INTEGRATED LED	PER JURISDICTIONAL CODES, LETTERING TO BE RED.
19046	2	LED EXIT SIGN WITH EMERGENCY LIGHT - BLACK AND RED	SB	GC	INTEGRATED LED	
19053	1	LED EXIT SIGN - WHITE AND RED			INTEGRATED LED	
19057	4	LED EMERGENCY LIGHT DOUBLE - BLACK	SB	GC	INTEGRATED LED	
RECESSED CAN						
21771	74	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 800LM FLOOD	SB	GC		
21774	8	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - WHITE - 700LM WF	SB	GC	INTEGRATED LED	
21775	7	CAN - LED WALL WASH - 3IN 75MM - BLACK - 1000LM	SB	GC	INTEGRATED LED	
SCONCE						
16593	2	SCONCE - LED RESTROOM VANITY TUBULAR - OPAL GLASS AND BRUSHED NICKEL	SB	GC	INTEGRATED LED	
20837	7	SCONCE - TECH LIGHTING WINDFALL - BLACK	SB	GC	INTEGRATED LED	
21223	1	LED SECURITY LIGHT WST - SILVER - 1500LM FORWARD	SB	GC	INTEGRATED LED	WST LED P1 40K VF MVOLT DDBTXD
TRACK						
12947	2	TRACK - WITH CONNECTORS - 8FT 244CM - BLACK - 1 CIRCUIT	SB	GC		
12949	6	TRACK - WITH CONNECTORS - 12FT 365CM - BLACK - 1 CIRCUIT	SB	GC		
21779	21	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD	SB	GC	INTEGRATED LED	
TROFFER						
15057	12	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4000LM	SB	GC	INTEGRATED LED	

CEILING TREATMENT SCHEDULE - "U"

DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
11302	763 SF	ACT - WHITE - 2X4FT 61X122CM	GC	GC	ARMSTRONG. MODEL: CLEAN ROO VL 2X4
SW7504	161 SF	SW7504 KEYSTONE GRAY, OR EQUIVANLENT	GC	GC	
X0010	1089 SF	VCT - WHITE - 2X4FT 61X122CM	GC	GC	ARMSTRONG. MODEL: CLEAN ROO VL 2X4
PAINT					
SW7045	1002 SF	SW7045 INTELLECTUAL GRAY, OR EQUIVALENT	GC	GC	SW USE PRIMER CP-1; NCS - S 3005-Y20R; AKZO NOBEL - 40YY 44/095

MECHANICAL EQUIPMENT SCHEDULE - "M"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
FAN					
10632	1	RESTROOM EXHAUST	GC	GC	FAN - GREENHECK G-080-VG, 300 CFM, 115V/1 PHASE. WEIGHT= 39 LBS.
10873	1	RESTROOM EXHAUST ROOF CURB AND DAMPER	GC	GC	CURB - GREENHECK GPI-17-G12, DAMPER - GREENHECK WD-90-PB-8X8 (WITH BACKDRAFT PREVENTER)
HVAC					
10317	5	HVAC - VAV SUPPLY 4 WAY SQUARE - 24IN 610MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
10718	3	HVAC - SUPPLY 2 WAY HARD LID SQUARE - 12IN 305MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
11163	4	HVAC - RETURN LAY IN SQUARE - 24IN 610MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
11165	2	HVAC - RETURN CHANNEL FRAME SQUARE - 10IN 255MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
X0006	15	HVAC - LINEAR SUPPLY GRILLE	GC	GC	TITUS ML-39 LINEAR DIFFUSER. PAINT TO MATCH WITH ADJACENT FINISHES AT ENGINE SW7031 & AT CAFE SW7033
OTHER					
17797	1	ENERGY MANAGEMENT SYSTEM - HVAC ONLY	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.

LEGEND

- ELEVATION DATUM
- TRACK LIGHTING
- STRIP LIGHTING
- PENDANT LIGHT
- RECESSED CAN LIGHT
- TROFFER
- WALL SCONCE
- EXIT SECURITY LIGHT
- MUSIC SYSTEM WALL MOUNTED SPEAKER
- MUSIC SYSTEM PENDANT SPEAKER
- WIFI ACCESS POINT (WAP)
- 360° SECURITY CAMERA
- SUPPLY AIR
- RETURN AIR
- PIR MOTION SENSOR

GENERAL NOTES

A. REFERENCE LOW VOLTAGE PLAN SHEET AND ELECTRICAL DRAWINGS.

B. IF REQUIRED BY LOCAL CODE, GENERAL CONTRACTOR TO PROVIDE SEMI-RECESSED SPRINKLER HEADS WITH POLISHED CHROME ESCUTCHEONS CENTERED IN ACOUSTICAL CEILING TILE. IF PENDANT HEADS ARE REQUIRED IN GWB SOFFIT OVER FRONT BAR, CONCEAL SUPPLY PIPING WITHIN SOFFIT. GENERAL CONTRACTOR TO SUBMIT SPRINKLER LAYOUT TO STARBUCKS' CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO INSTALLATION.

C. LEAVE TEN (10) ADDITIONAL RETAIL CEILING TILES TO MATCH RETAIL CEILING PAINT COLOR ABOVE THE WORKROOM CEILING AT MANAGER'S DESK FOR FUTURE USE.

D. PROVIDE GROMMET AT ACOUSTIC CEILING PENETRATIONS FOR FIXTURES OF SUPPORTS.

E. HEATING, VENTILATING AND AIR CONDITIONING SHOWN ON THIS PLAN PROVIDED FOR REFERENCE ONLY. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

F. DIFFUSERS AND RETURNS IN ACOUSTICAL CEILING TILE TO BE CENTERED IN TILE AND PAINTED TO MATCH ADJACENT FINISHES (TYP.).

G. PAINT ALL EXPOSED HVAC DUCTS, HVAC DIFFUSERS, LIGHT TRIM RINGS, PIPING, CONDUIT AND JUNCTION BOXES THE SAME COLOR AS SPECIFIED ON SURROUNDING CEILING OR SOFFIT UNLESS OTHERWISE NOTED. TYPICAL THROUGHOUT RETAIL AREA OF STORE.

H. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS' NATIONAL ACCOUNT "COLOR CODE" WHEN ORDERING PAINTS.

I. DATA CABLING ABOVE HEAD SHALL BE IN PLENUM WHEN AVAILABLE.

J. DATA CABLING AT EXPOSED CEILING SHALL BE INSTALLED IN METAL CONDUIT OR PER LOCAL CODE REQUIREMENT.

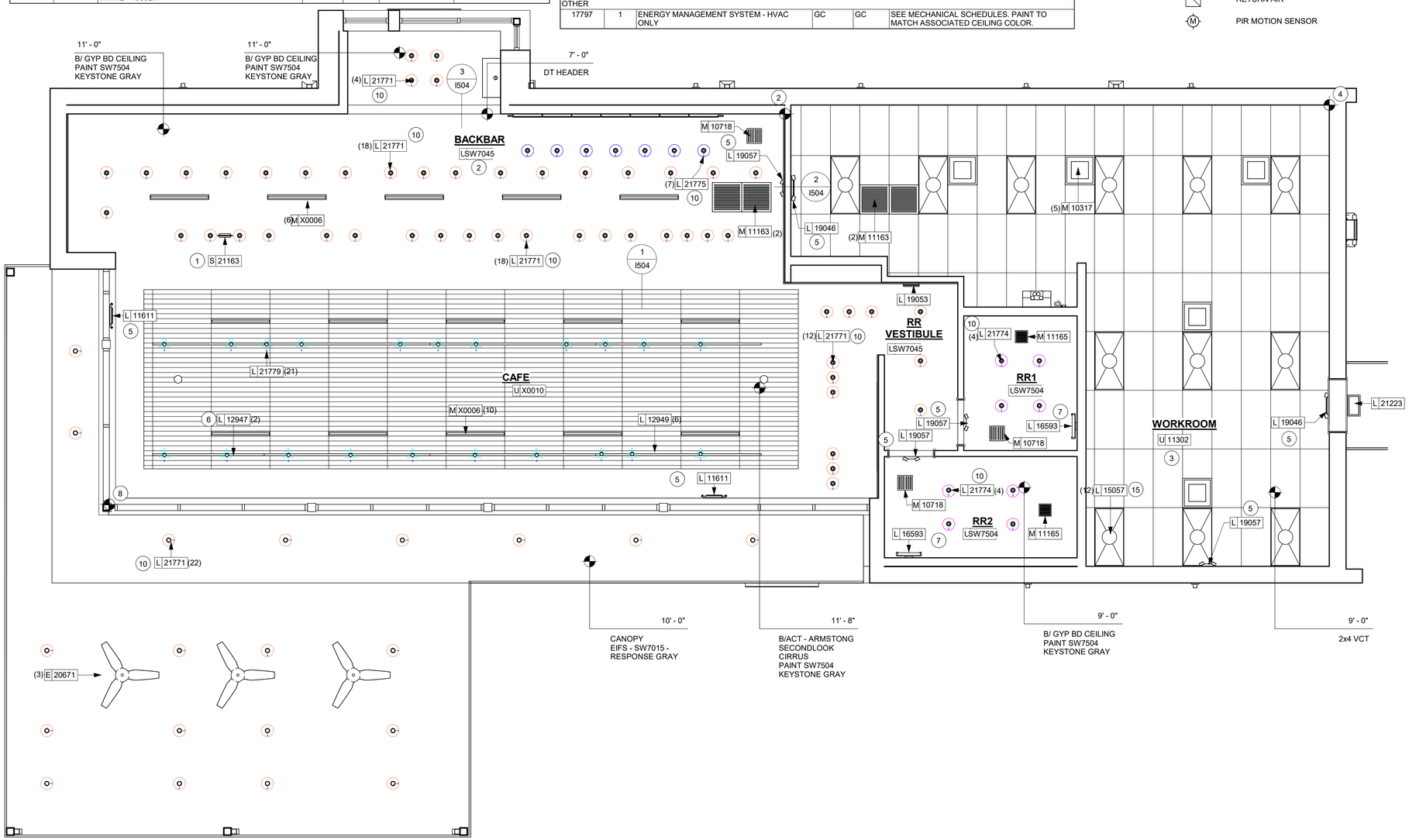
K. AT ALL FULL-HEIGHT PARTITIONS, PROVIDE SLOTTED TOP TRACK TO ALLOW FOR STRUCTURAL DEFLECTION, ATTACHED TO TOP CORD OF TRUSS OR DECK ONLY. CUT STUDS 1/2" SHORT OF FULL HEIGHT AND CONNECT ONLY TO SLOTS AT TOP TRACK. NO CONNECTIONS TO BE MADE TO BOTTOM CORD OF TRUSS OR OTHER TRUSS MEMBERS. NO KICKERS TO BE USED AT FULL-HEIGHT PARTITIONS. ALL SOFFIT FRAMING INCLUDING KICKERS TO BE ATTACHED TO TOP CORD OF TRUSS AND DECK ONLY. NO CONNECTIONS TO BE MADE TO BOTTOM CORD OF TRUSS OR OTHER TRUSS MEMBERS.

KEYED NOTES

1. ILLUMINATED MOBILE ORDER PICKUP SIGN. GC TO PROVIDE BLOCKING AS NEEDED. SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHT.
2. GWB CEILING. PAINT CEILING DIFFUSERS AS INDICATED.
3. WASHABLE CEILING TILE LOCATED IN BACK OF HOUSE.
4. WORKROOM CEILING TILE START POINT.
5. GC TO CONFIRM EMERGENCY LIGHTING LOCATIONS/QUANTITY WITH FIRE MARSHAL.
6. SURFACE MOUNTED TRACK LIGHTING.
7. RESTROOM SCONCE. SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHT.
8. CAFE ACT CEILING START POINT.
9. RECESSED MUSIC SPEAKER.
10. INSTALL RECESSED CAN LIGHTS AS INDICATED.
11. INSTALL AIR CURTAIN PER JURISDICTIONAL REQUIREMENTS. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.
12. INSTALL EXTERIOR SECURITY LIGHT AS IINDICATED.
13. PAINT HVAC DIFFUSERS TO MATCH ASSOCIATED CEILING COLOR.
14. EXTERIOR DT SCONCE. SEE EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT.
15. INSTALL RECESSED 2X4 TROFFER LIGHTS AS INDICATED.
16. INSTALL CAFE PENDANTS AS INDICATED. SEE INTERIOR ELEVATIONS FOR HEIGHTS.

LEGEND - LIGHTING

- CAN LIGHT
- CAN LIGHT
- CAN LIGHT
- TRACK LIGHT
- TRACK LIGHT
- TRACK LIGHT
- LINEAR LED LIGHT



REFLECTED CEILING PLAN

Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

N

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

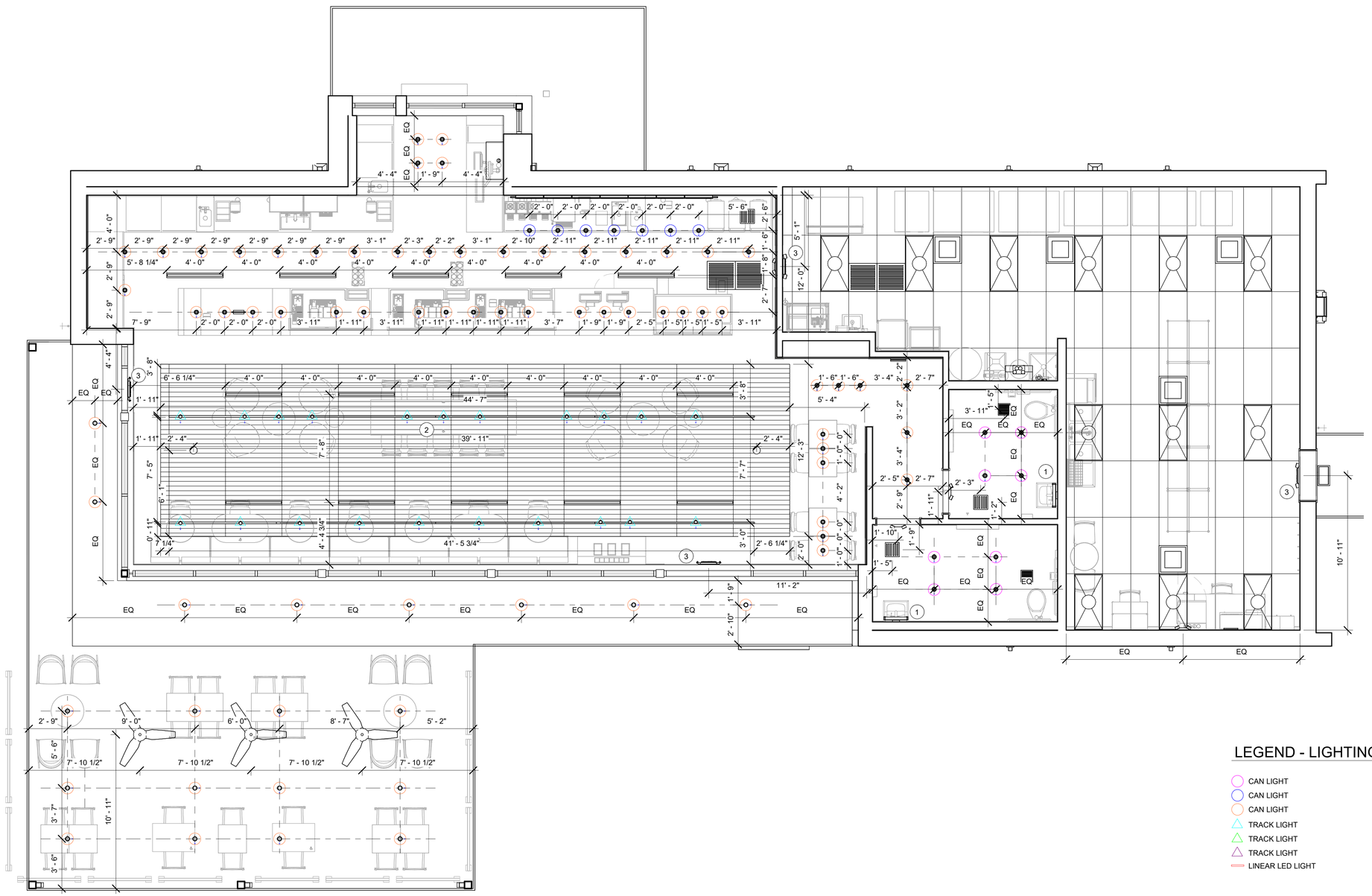
SHEET TITLE:
REFLECTED CEILING PLAN
SCALE: AS SHOWN

SHEET NUMBER:
I103

12/5/2023 3:50:27 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

KEYED NOTES

1. CENTER SCONCE ABOVE SINK BELOW.
2. CENTER LIGHT ABOVE TABLE BELOW.
3. CENTER EM SIGN/LIGHT ABOVE DOOR.



LEGEND - LIGHTING

- CAN LIGHT
- CAN LIGHT
- CAN LIGHT
- TRACK LIGHT
- TRACK LIGHT
- TRACK LIGHT
- LINEAR LED LIGHT

DIMENSIONED RCP W/ UNDERLAY

Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

N

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
DIMENSIONED RCP W/ UNDERLAY
SCALE: AS SHOWN

SHEET NUMBER:
I103.1

12/5/2023 3:50:33 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

FLOOR TREATMENT SCHEDULE - "T"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CONCRETE					
17859	1054 SF	CONCRETE - DARK GREY STAIN	GC	GC	
PLASTIC					
19795	1285 SF	POLYVINYL FLOOR TILE - ECO-GRIP - PEWTER	GC	GC	
WALK OFF MAT					
19288	38 SF	WALK OFF MAT - HELIX Z1 - BLACK - 12X9IN 305X230MM	SB	GC	

WALL BASE SCHEDULE - "B"					
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TILE BASE					
19795	211' - 7 3/4"	POLYVINYL FLOOR TILE - ECOGRIP - PEWTER	GC	GC	PROVIDE AND INSTALLED BY VENDOR
20218	172' - 3"	TILE BASE - Black - 6x24in 150x600mm	SB	GC	GROUT: MAPEI 10

KEYED NOTES

1. ECO-GRIP START POINT WHERE INDICATED.
2. FLOOR SINK/FLOOR DRAIN LOCATION. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND PLUMBING FOR ADDITIONAL INFORMATION.
3. RECESSED ELECTRICAL. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND ELECTRICAL FOR ADDITIONAL INFORMATION.
4. PLUMBING STUB-UP. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND ELECTRICAL FOR ADDITIONAL INFORMATION.
5. MOP SINK WHERE INDICATED. SEE PLUMBING PLANS FOR MORE INFORMATION.
6. RECESSED WALK-OFF MAT AT ENTRY. SEE INTERIOR DETAIL SHEETS FOR TRANSITION.
7. GC TO PROVIDE CONTROL JOISTS AS PER PLAN. SPACING SHALL BE APPROXIMATELY EVERY 10'-0" TO 12'-0". 1/8" WIDE JOINTS TO BE CUT INTO CONCRETE AS SOON AS CUTTING SURFACE AND BEFORE CONCRETE DEVELOPS CONTRACTION CRACKS.
8. INSTALL NEW CONCRETE SLAB OVER VAPOR BARRIER OVER EXISTING COMPACTED FILL..
9. CONCRETE CONTROL JOINT START POINT WHERE INDICATED.

GENERAL NOTES

A. WORKROOM TO BE FINISHED PER LOCAL CODE REQUIREMENTS.

B. FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE. PAINT SHALL BE WASHABLE; SEMI-GLOSS OR HIGH-GLOSS FINISH.

C. STARBUCKS TO SUPPLY FLOORING AND BASE FOR FRONT AND BACK OF HOUSE AS NOTED IN SCHEDULES. GENERAL CONTRACTOR TO INSTALL. GENERAL CONTRACTOR TO SUPPLY WORKROOM TILE AND BASE AND INSTALL. GENERAL CONTRACTOR TO SUPPLY AND INSTALL MORTAR, ADHESIVE, AND GROUT. GENERAL CONTRACTOR TO INSPECT ALL TILES AND REJECT DAMAGED OR SUBSTANDARD TILES PRIOR TO INSTALLATION.

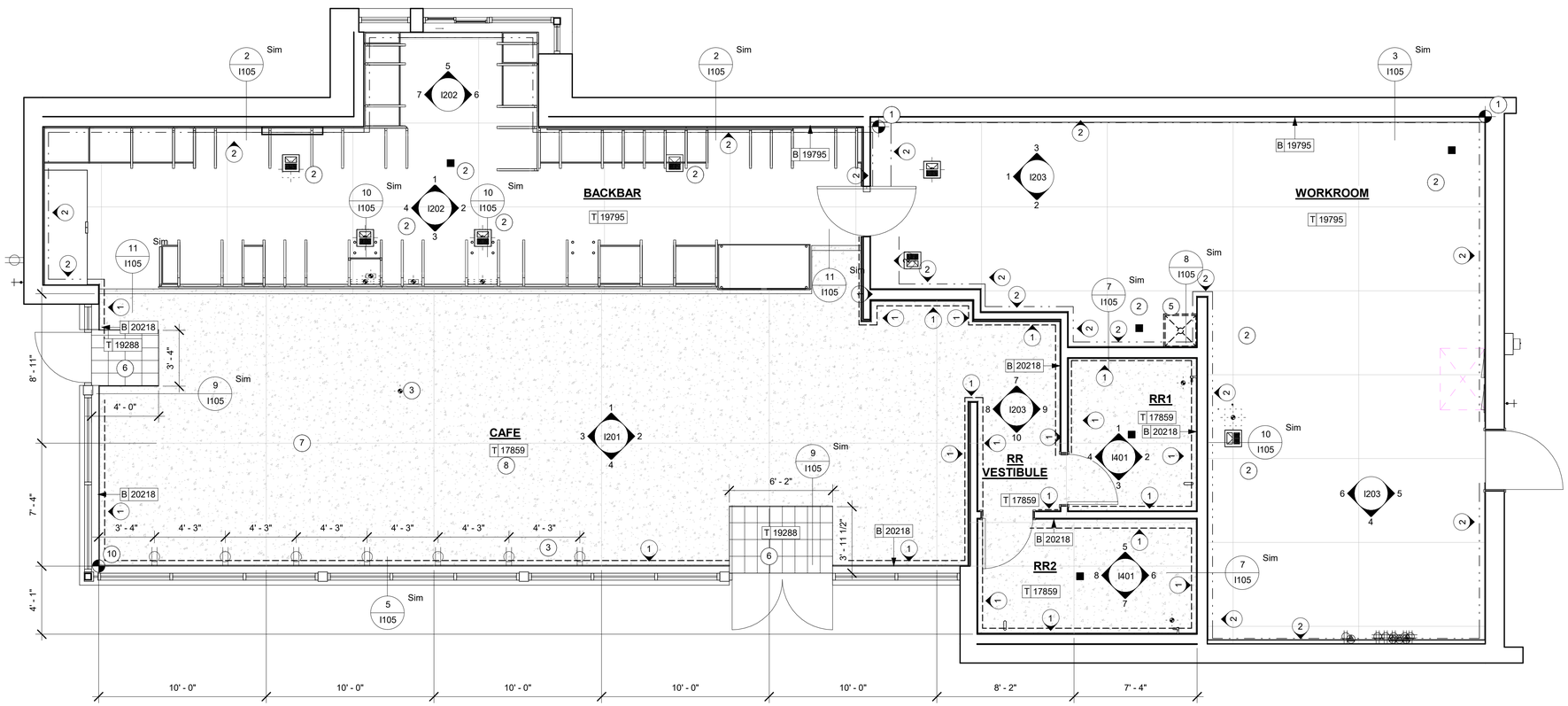
D. ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.

E. ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.

FLOOR FINISH LEGEND

1 — BASE TILE: BLOCK - BLACK 6" X 24" 1/16" GROUT MAPEI 10 BLACK DID: 20218

2 — ECO-GRIP INTEGRATED BASE DID: 19795



FLOOR FINISH PLAN

Scale: 1/4" = 1'-0"

0 2' 4' 8'

Scale: 1/4" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

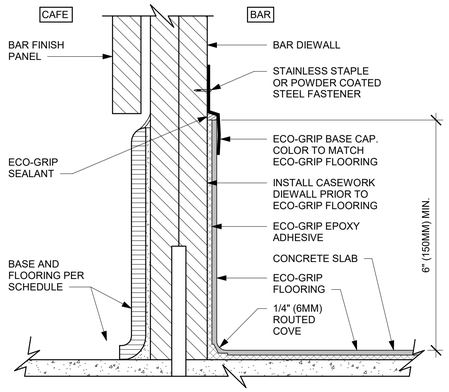
Rev	Date	By	Description

SHEET TITLE:
FLOOR FINISH PLAN

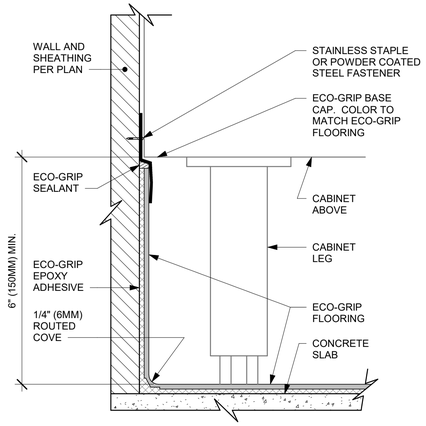
SCALE: AS SHOWN

SHEET NUMBER:
I104

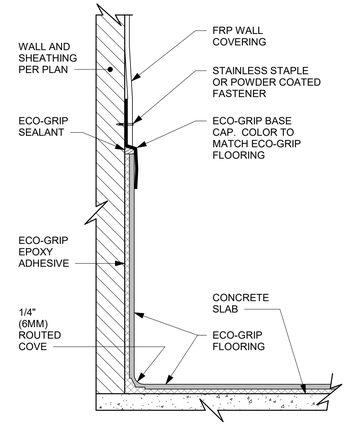
12/5/2023 3:50:37 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



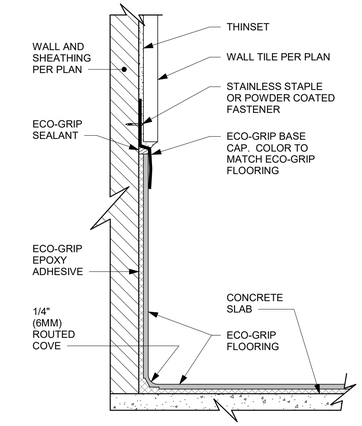
1 ECO-GRIP BASE AT BAR DIEWALL
Scale: 6" = 1'-0"



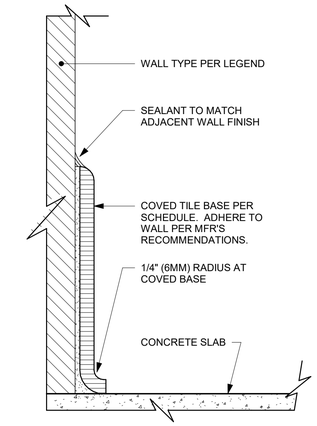
2 ECO-GRIP BASE AT CABINET WITH LEGS
Scale: 6" = 1'-0"



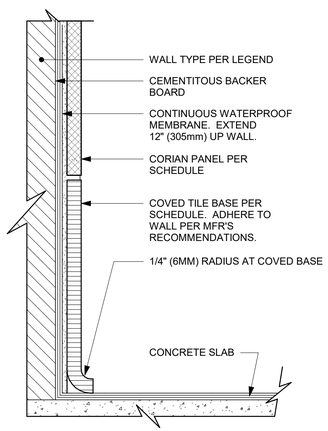
3 ECO-GRIP BASE CAP WITH FRP
Scale: 6" = 1'-0"



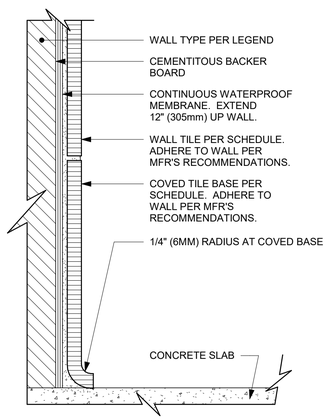
4 ECO-GRIP BASE CAP WITH TILED WALL
Scale: 6" = 1'-0"



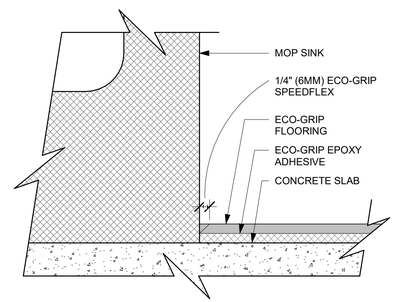
5 INTEGRAL TILE BASE AT WALL
Scale: 6" = 1'-0"



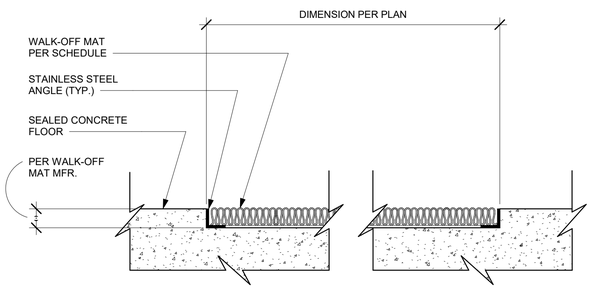
6 TILE BASE AT GYP BD WALL
Scale: 6" = 1'-0"



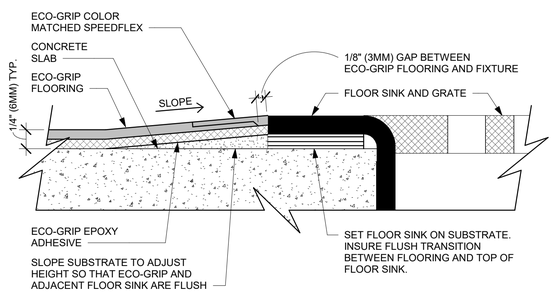
7 INTEGRAL TILE BASE AT TILED WALL
Scale: 6" = 1'-0"



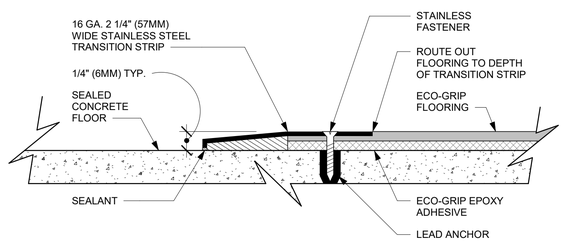
8 ECO-GRIP AT MOP SINK
Scale: 12" = 1'-0"



9 RECESSED WALK-OFF MAT
Scale: 6" = 1'-0"



10 ECO-GRIP TO FLOOR SINK TRANSITION
Scale: 12" = 1'-0"



11 ECO-GRIP TO CONCRETE TRANSITION
Scale: 12" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

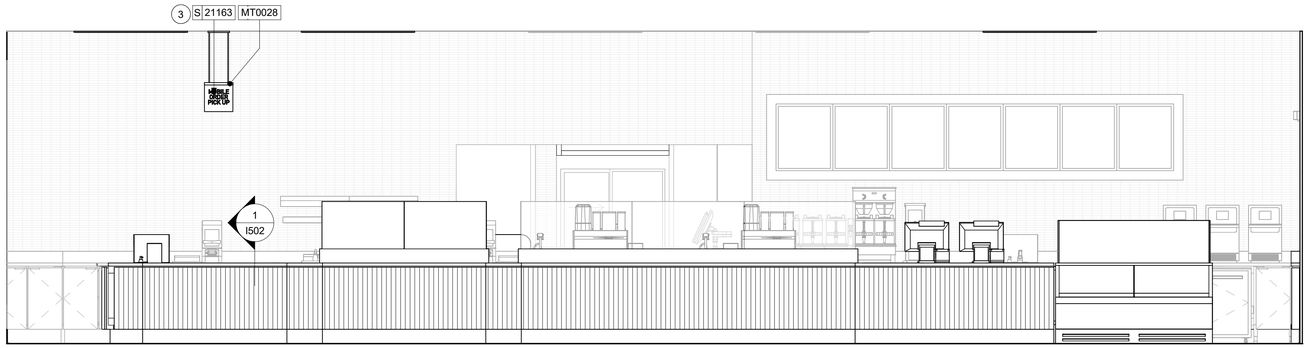
Rev	Date	By	Description

SHEET TITLE:
FINISH DETAILS

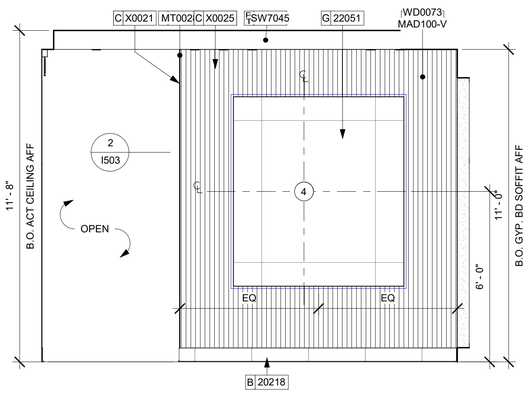
SCALE: AS SHOWN

SHEET NUMBER:
I105

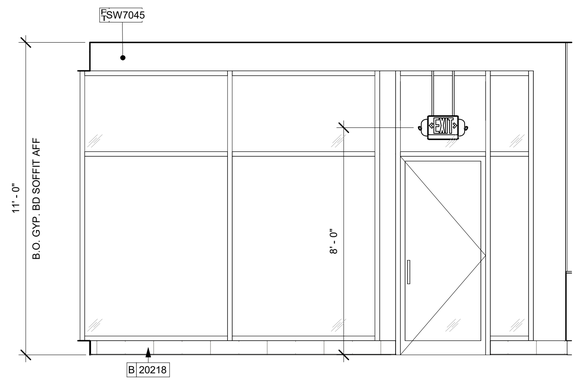
12/5/2023 3:50:38 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



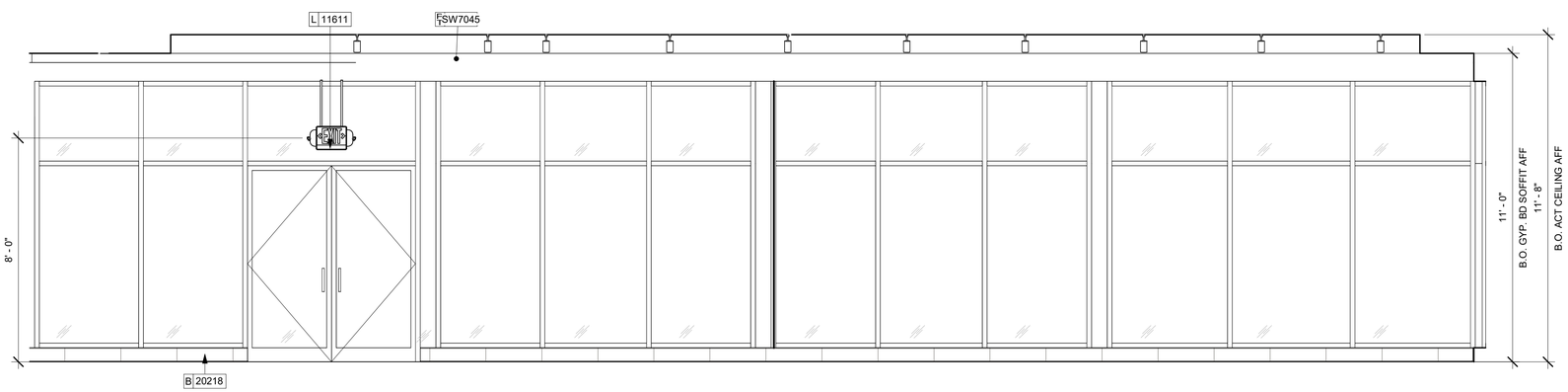
1 CAFE EAST
Scale: 3/8" = 1'-0"



2 CAFE SOUTH
Scale: 3/8" = 1'-0"



3 CAFE NORTH
Scale: 3/8" = 1'-0"



4 CAFE WEST
Scale: 3/8" = 1'-0"

KEYED NOTES

1. EMERGENCY LIGHTING LOCATIONS AND QUANTITY TO BE CONFIRMED IN FIELD WITH FIRE MARSHAL.
2. REFER TO G SCHEDULE FOR FURTHER ARTWORK INFORMATION.
3. MOBILE ORDER PICK UP SIGN. GC TO PROVIDE WALL BLOCKING AS REQUIRED.
4. 72"H x 80"W FRAMED CANVAS ARTWORK TO BE HUNG CENTERED ON WALL. REFER TO G SCHEDULE FOR FURTHER ARTWORK INFORMATION.

GENERAL NOTES

A. FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I601.

B. REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.

C. CHANGE PAINT COLOR ONLY AT INSIDE CORNERS UNLESS OTHERWISE INDICATED.

D. PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE:
1) WOODS AND METAL SURFACES SHALL BE SEMI-GLOSS OR EQUAL.
2) ACCENT AND TRIM PAINTS TO BE SEMI-GLOSS OR EQUAL.
   a. WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
3) PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.

E. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS NATIONAL ACCOUNT COLOR CODE WHEN ORDERING PAINTS.

F. FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE. PAINT SHALL BE WASHABLE; SEMI-GLOSS OR HIGH GLOSS FINISH.

G. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETRY) SHALL BE SEALED.

H. REFER TO CASEWORK FINISH SCHEDULE ON THE CASEWORK FINISH PLAN ON SHEET I102 FOR CASEWORK FINISH MATERIAL INFORMATION.

I. ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.

J. ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.

K. ALL FOOD STORAGE SHALL BE 6" (150MM) A.F.F.

L. INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.

M. GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.

LEGEND

INDICATES WALL BLOCKING. FIRE TREATED WALL BLOCKING TO BE PROVIDED AS REQUIRED TO SUPPORT WALL ATTACHMENTS. EXTEND BLOCKING 4" (100mm) BEYOND EDGE OF ATTACHMENTS.

WALL TILE START POINT DATUM

0 2' 4' 6'
Scale: 3/8" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

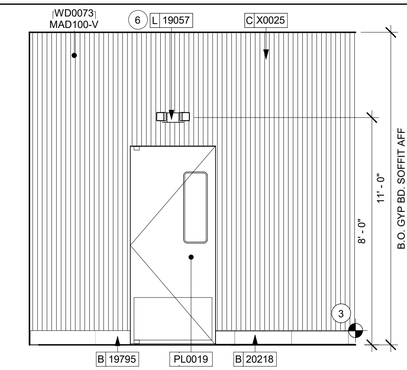
SHEET TITLE:
INTERIOR FINISH ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
I201

12/5/2023 3:50:42 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

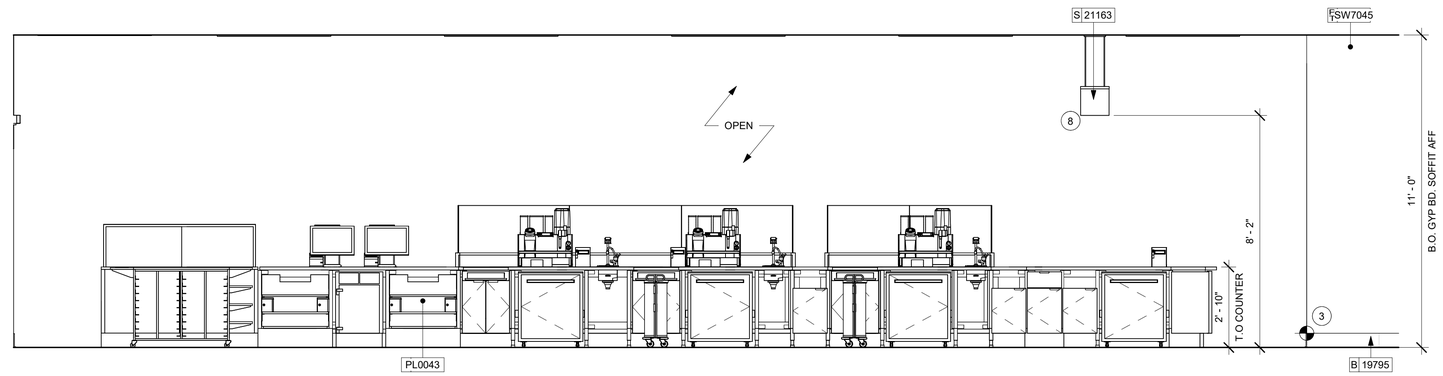
1 BACKBAR - EAST

Scale: 3/8" = 1'-0"



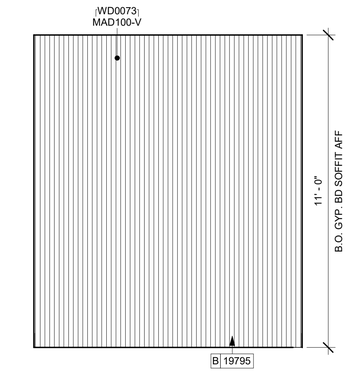
2 BACKBAR - SOUTH

Scale: 3/8" = 1'-0"



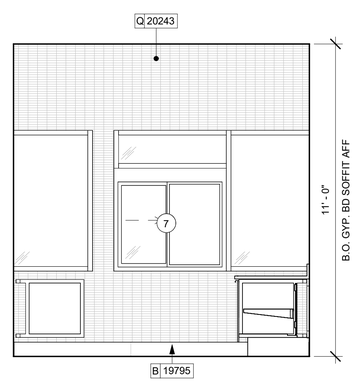
3 FRONTBAR PARTNER SIDE

Scale: 3/8" = 1'-0"



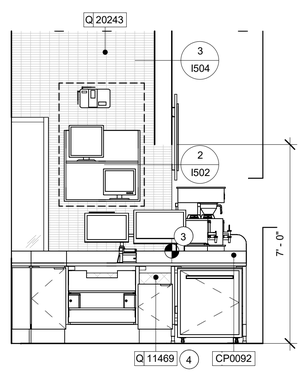
4 BACKBAR

Scale: 3/8" = 1'-0"



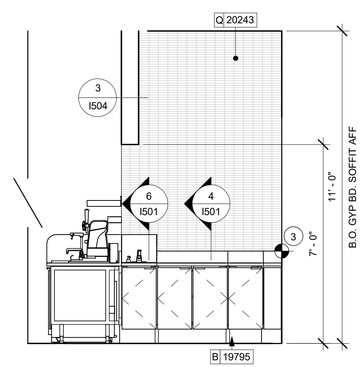
5 BUMPOUT - EAST

Scale: 3/8" = 1'-0"



6 BUMPOUT - SOUTH

Scale: 3/8" = 1'-0"



7 BUMPOUT - NORTH

Scale: 3/8" = 1'-0"

GENERAL NOTES

A. FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF &
E) SCHEDULES ON SHEET I601.

B. REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.

C. CHANGE PAINT COLOR ONLY AT INSIDE CORNERS UNLESS OTHERWISE INDICATED.

D. PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE:
1) WOODS AND METAL SURFACES SHALL BE SEMI-GLOSS OR EQUAL.
2) ACCENT AND TRIM PAINTS TO BE SEMI-GLOSS OR EQUAL.
a WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
3) PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.

E. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS NATIONAL ACCOUNT COLOR CODE WHEN ORDERING PAINTS.

F. FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE. PAINT SHALL BE WASHABLE; SEMI-GLOSS OR HIGH GLOSS FINISH.

G. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETRY) SHALL BE SEALED.

H. REFER TO CASEWORK FINISH SCHEDULE ON THE CASEWORK FINISH PLAN ON SHEET I102 FOR CASEWORK FINISH MATERIAL INFORMATION.

I. ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.

J. ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.

K. ALL FOOD STORAGE SHALL BE 6" (150MM) A.F.F.

L. INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.

M. GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.

KEYED NOTES

1. ATTACH MENU BOARDS PER INSTALLATION DETAILS.
2. SHELVING FOR CBE STATION AS SHOWN. G.C. TO PROVIDE WALL BLOCKING FOR FASTENERS.
3. TILE START POINT WHERE INDICATED.
4. WALL FINISH BEHIND EXPOSED CABINETRY AND BELOW UNDERSIDE OF COUNTERTOP SUBSTRATE TO BE FRP.
5. PROVIDE 6" (150MM) MIN. INTEGRAL SPLASHGUARD AT HAND SINK PER JURISDICTIONAL REQUIREMENTS.
6. EMERGENCY LIGHTING LOCATIONS AND QUANTITY TO BE CONFIRMED IN FIELD WITH FIRE MARSHAL.
7. DRIVE-THRU WINDOW

LEGEND

INDICATES WALL BLOCKING. FIRE TREATED WALL BLOCKING TO BE PROVIDED AS REQUIRED TO SUPPORT WALL ATTACHMENTS. EXTEND BLOCKING 4" (100mm) BEYOND EDGE OF ATTACHMENTS.

WALL TILE START POINT DATUM

0 2' 4' 6'

Scale: 3/8" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

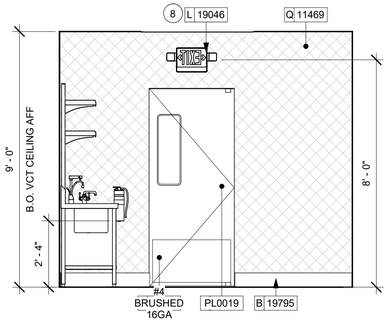
Revision Schedule

Rev	Date	By	Description

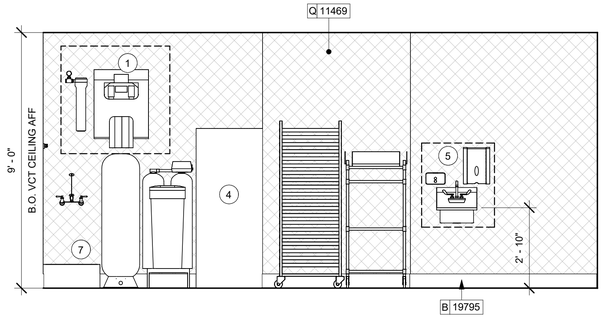
SHEET TITLE:
INTERIOR FINISH ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
I202

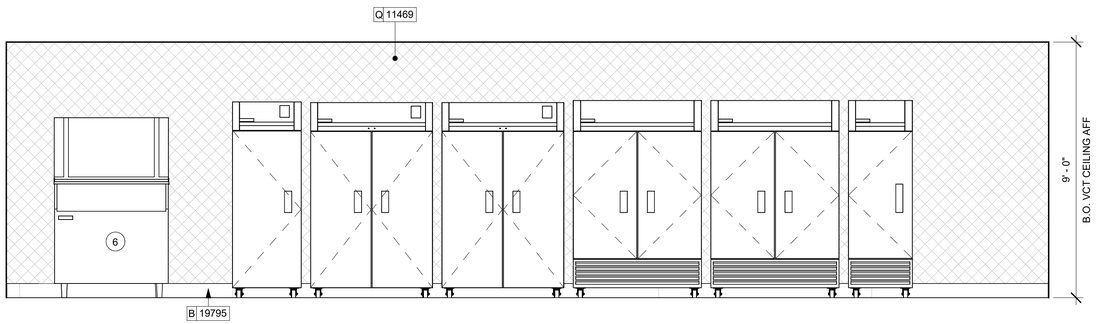
12/5/2023 3:50:48 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



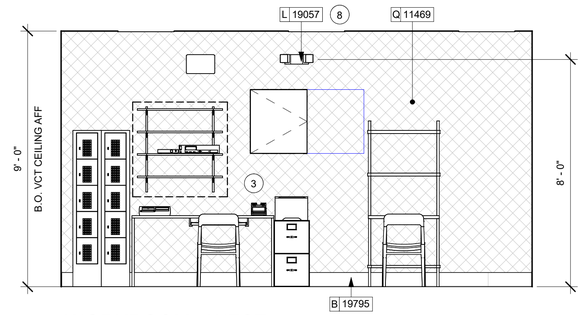
1 WORKROOM - NORTH
Scale: 3/8" = 1'-0"



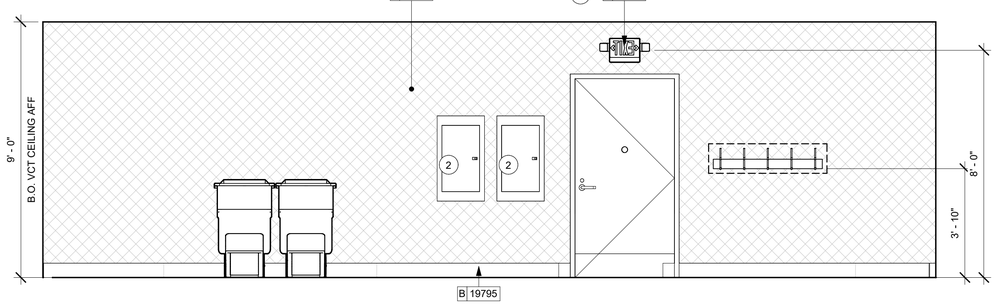
2 WORKROOM - MOP SINK
Scale: 3/8" = 1'-0"



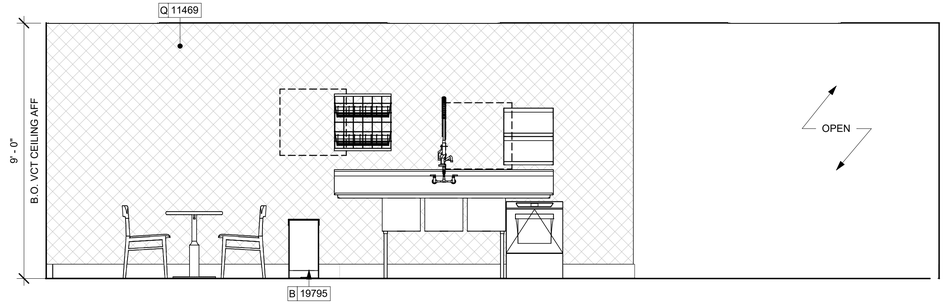
3 WORKROOM - EAST
Scale: 3/8" = 1'-0"



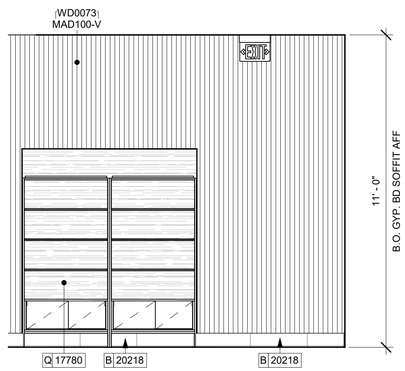
4 WORKROOM - WEST
Scale: 3/8" = 1'-0"



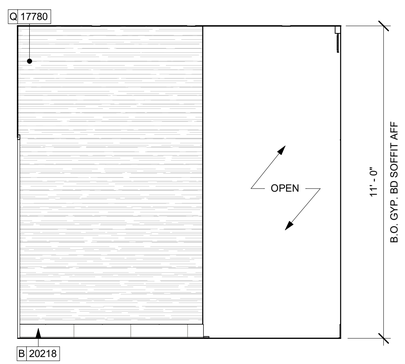
5 WORKROOM - SOUTH
Scale: 3/8" = 1'-0"



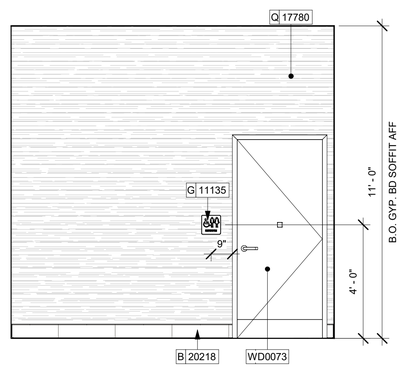
6 WORKROOM - 3 COMP SINK
Scale: 3/8" = 1'-0"



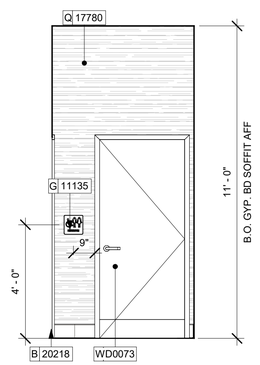
7 RR VESTIBULE - EAST
Scale: 3/8" = 1'-0"



8 RR VESTIBULE - NORTH
Scale: 3/8" = 1'-0"



9 RR VESTIBULE - SOUTH
Scale: 3/8" = 1'-0"



10 RR VESTIBULE - WEST
Scale: 3/8" = 1'-0"

LEGEND

INDICATES WALL BLOCKING. FIRE TREATED WALL BLOCKING TO BE PROVIDED AS REQUIRED TO SUPPORT WALL ATTACHMENTS. EXTEND BLOCKING 4" (100mm) BEYOND EDGE OF ATTACHMENTS.

WALL TILE START POINT DATUM

KEYED NOTES

1. WATER FILTRATION EQUIPMENT (SEE PLUMBING DRAWINGS).
2. ELECTRICAL PANELS (SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION).
3. MANAGER'S DESK (SEE ENLARGED DETAILS).
4. WATER HEATER ON DRAIN PAN (SEE PLUMBING DRAWINGS).
5. WALL MOUNT HAND SINK WITH SOAP AND PAPER TOWEL DISPENSER. G.C. TO PROVIDE BLOCKING FOR FASTENERS.
6. ICE MACHINE (SEE PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION).
7. MOP SINK. FULL HEIGHT FRP AT ENCLOSURE (SEE PLUMBING PLANS FOR MORE INFORMATION).
8. EMERGENCY LIGHTING LOCATIONS AND QUANTITY TO BE CONFIRMED IN FIELD WITH FIRE MARSHAL.

GENERAL NOTES

A. FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I601.

B. REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.

C. CHANGE PAINT COLOR ONLY AT INSIDE CORNERS UNLESS OTHERWISE INDICATED.

D. PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE:
1) WOODS AND METAL SURFACES SHALL BE SEMI-GLOSS OR EQUAL.
2) ACCENT AND TRIM PAINTS TO BE SEMI-GLOSS OR EQUAL.
a. WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
3) PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.

E. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS NATIONAL ACCOUNT COLOR CODE WHEN ORDERING PAINTS.

F. FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE. PAINT SHALL BE WASHABLE; SEMI-GLOSS OR HIGH GLOSS FINISH.

G. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETRY) SHALL BE SEALED.

H. REFER TO CASEWORK FINISH SCHEDULE ON THE CASEWORK FINISH PLAN ON SHEET I102 FOR CASEWORK FINISH MATERIAL INFORMATION.

I. ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.

J. ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.

K. ALL FOOD STORAGE SHALL BE 6" (150MM) A.F.F.

L. INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.

M. GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.

0 2' 4' 6'
Scale: 3/8" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
INTERIOR FINISH ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
I203

12/5/2023 3:50:52 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

KEYED NOTES

1. 67" ADA TURNING RADIUS.
2. 30" X 52" CLEAR FLOOR SPACE.
3. WATER CLOSET CLEAR FLOOR SPACE.
4. BABY CHANGING FIXTURE. GENERAL CONTRACTOR TO PROVIDE BLOCKING PER MANUFACTURER'S RECOMMENDATION.
5. TILE START POINT WHERE INDICATED. ALIGN BASE TILE GROUT WITH WALL TILE GROUT.
6. WALL MOUNTED LAVATORY INSTALLED WITH INSULATED BOOT AT EXPOSED PIPES.
7. CENTER MIRROR OVER LAVATORY. MOUNT AT 40" MAX. TO BOTTOM EDGE OF REFLECTIVE SURFACE.
8. COAT HOOK. MOUNT AT CENTERLINE OF DOOR, MAX 4'-0" AFF.
9. CENTER SCONCE LIGHTING OVER MIRROR (SEE ELECTRICAL).
10. INSTALL FLUSH VALVE AT OPEN SIDE OF TOILETS AS INDICATED ON ADA DETAILS SHEET.
11. IN-WALL WOOD BLOCKING. VERIFY BLOCKING LOCATION, EXTENTS AND BLOCKING WITH MANUFACTURER'S REQUIREMENTS.
12. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL SENSORS AND CONTROLS (TYPICAL).

GENERAL NOTES

A. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

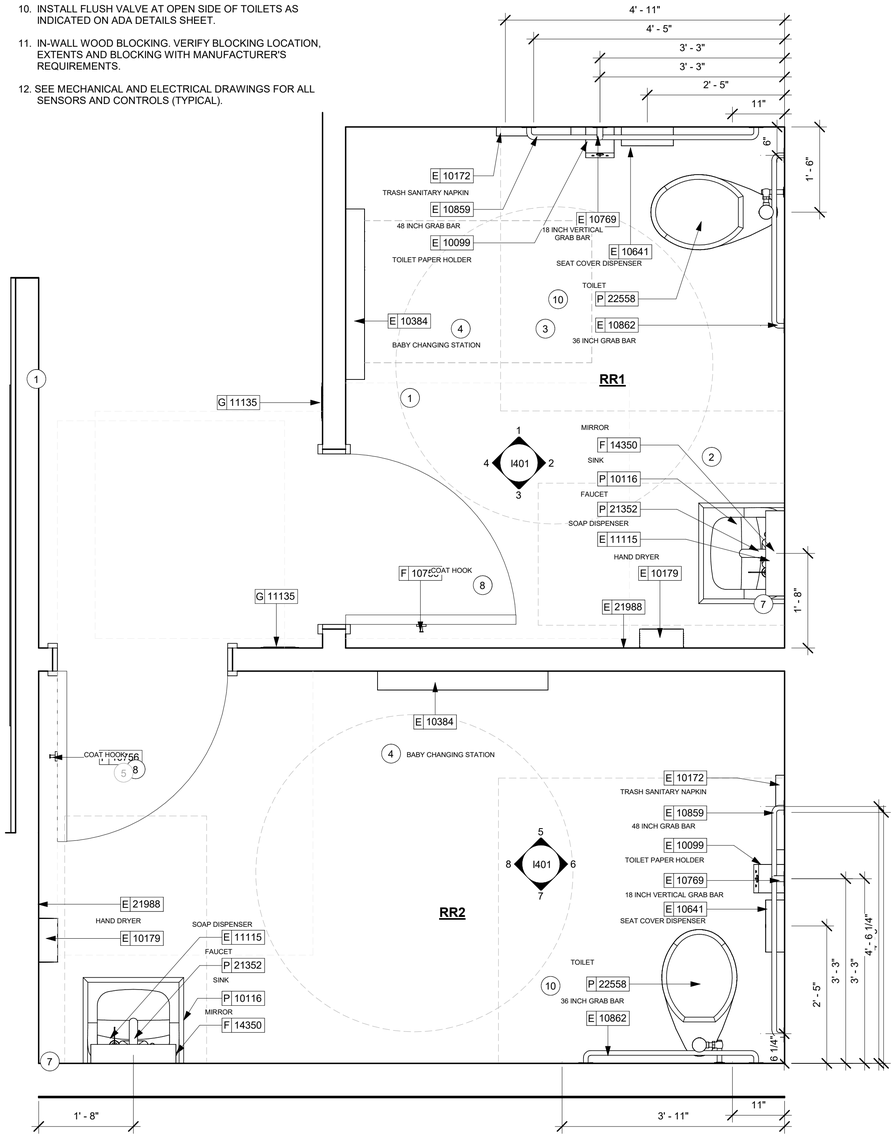
B. ALL DIMENSIONS ARE TO BE TAKEN FROM A DESIGNATED DATUM POINT.

C. DIMENSIONS ARE TO FACE OF FINISHED SURFACE UNLESS OTHERWISE NOTED.

D. DIAPER CHANGING STATION IS TO BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS. UNIT IS TO BE FASTENED TO STRUCTURE AT ALL SIX CHASSIS ATTACHMENT POINTS.

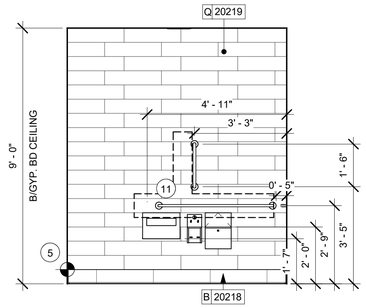
E. LOCATE DIAPER CHANGING STATION AS SHOWN TO ALLOW NECESSARY CLEARANCE FOR OPERATION OF ALL RESTROOM FIXTURES. LOCATION SHALL NOT IMPEDE ACCESS, EGRESS, OR DOOR SWING.

F. ALL RESTROOM ACCESSORY MOUNTING HEIGHTS AND CLEARANCES SHALL COMPLY WITH THE ACCESSIBILITY REQUIREMENTS OF THE LOCAL JURISDICTION.



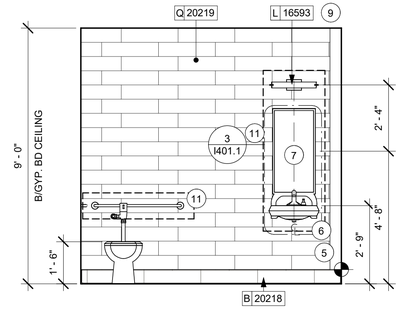
ENLARGED RESTROOM PLAN

Scale: 3/4" = 1'-0"



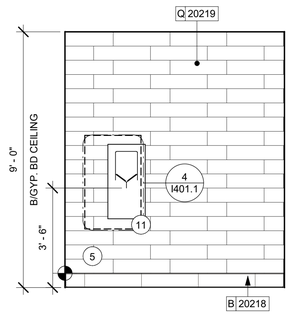
1 RR1 - EAST

Scale: 3/8" = 1'-0"



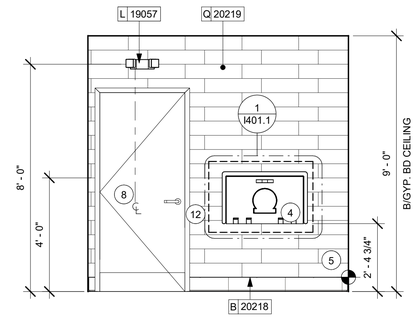
2 RR1 - SOUTH

Scale: 3/8" = 1'-0"



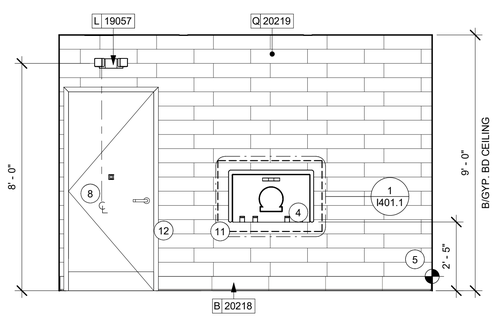
3 RR1 - WEST

Scale: 3/8" = 1'-0"



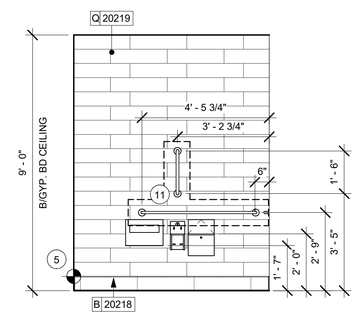
4 RR1 - NORTH

Scale: 3/8" = 1'-0"



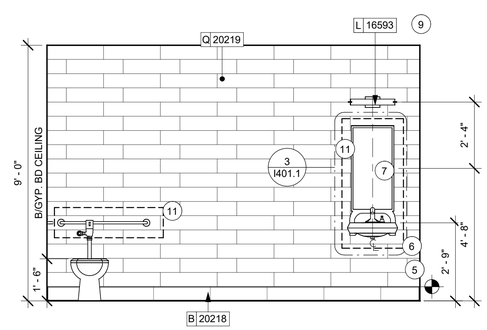
5 RR2 - EAST

Scale: 3/8" = 1'-0"



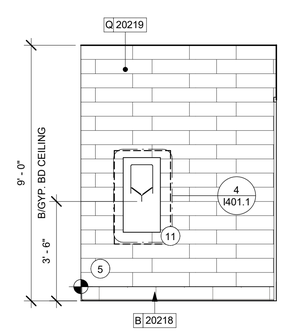
6 RR2 - SOUTH

Scale: 3/8" = 1'-0"



7 RR2 - WEST

Scale: 3/8" = 1'-0"



8 RR2 - NORTH

Scale: 3/8" = 1'-0"

0 1' 2' 4'

Scale: 1/2" = 1'-0"

N

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

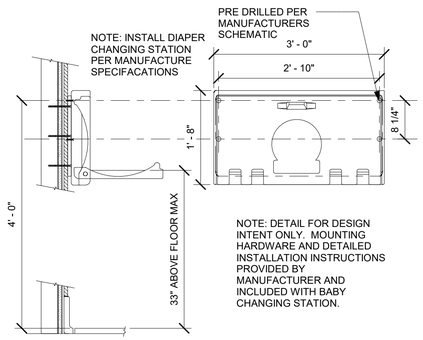
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
RESTROOM PLAN & ELEVATIONS
SCALE: AS SHOWN

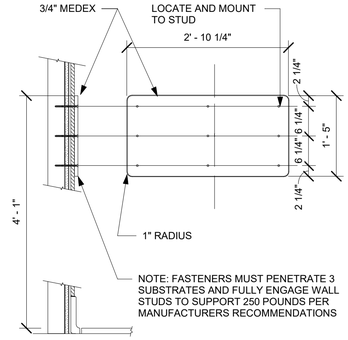
SHEET NUMBER:
I401

12/5/2023 3:50:56 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt



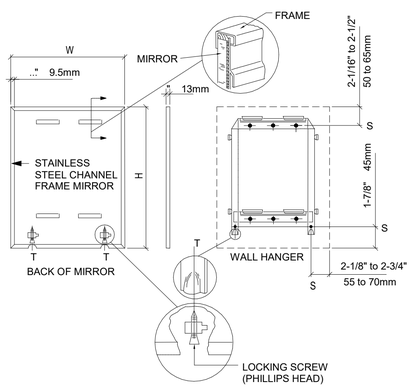
1 DIAPER CHANGING STATION

Scale: 3/4" = 1'-0"



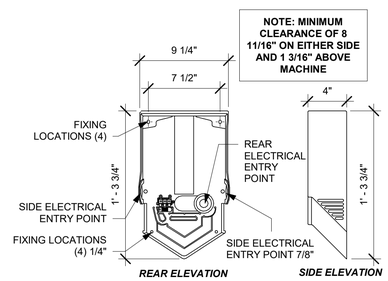
2 CHANGING STATION MOUNTING

Scale: 3/4" = 1'-0"



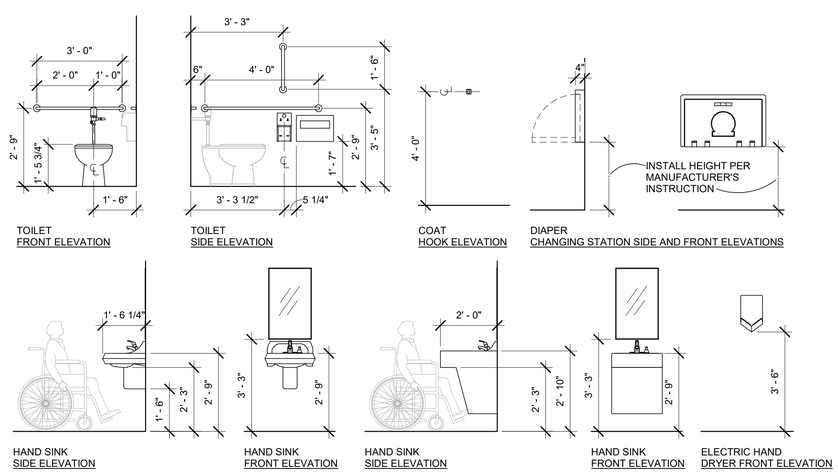
3 MIRROR MOUNTING

Scale: 1/2" = 1'-0"



4 DYSON HAND DRYER INSTALLTION DETAILS

Scale: 1 1/2" = 1'-0"



5 MOUNTING HEIGHTS FOR RESTROOM ACCESSORIES

Scale: 3/8" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

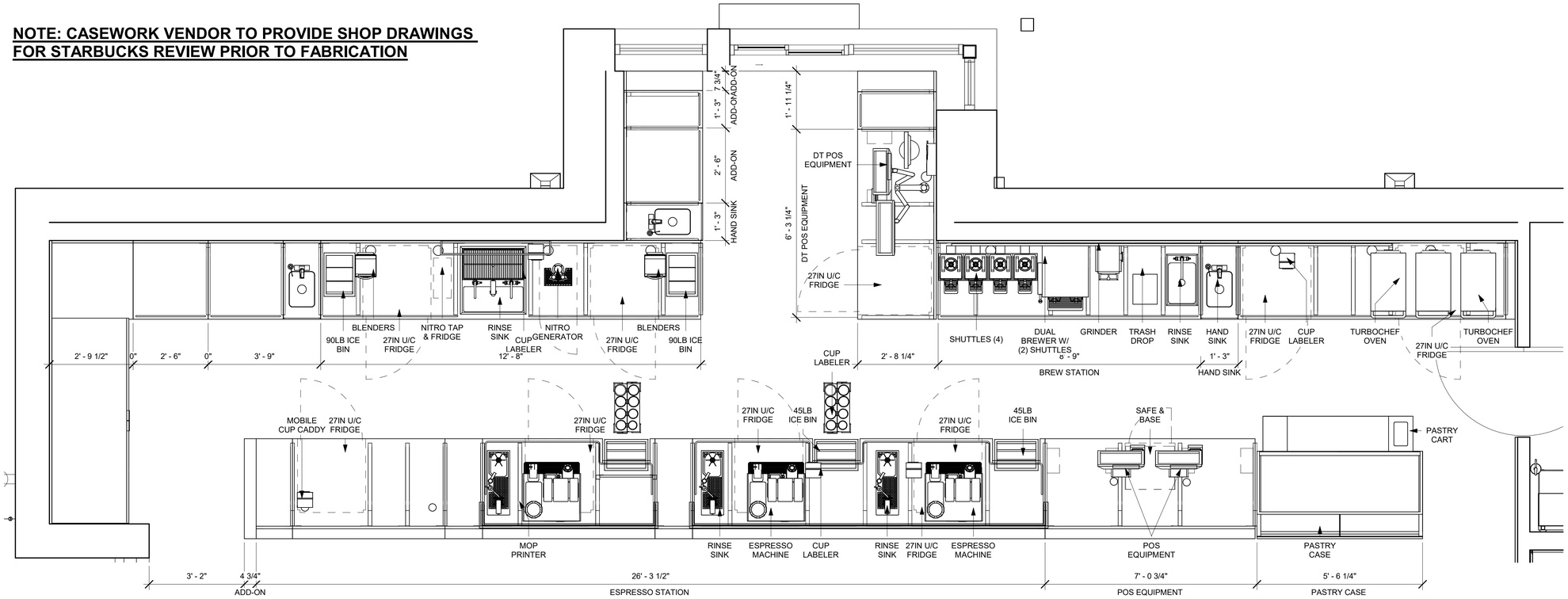
SHEET TITLE:
RESTROOM DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
I401.1

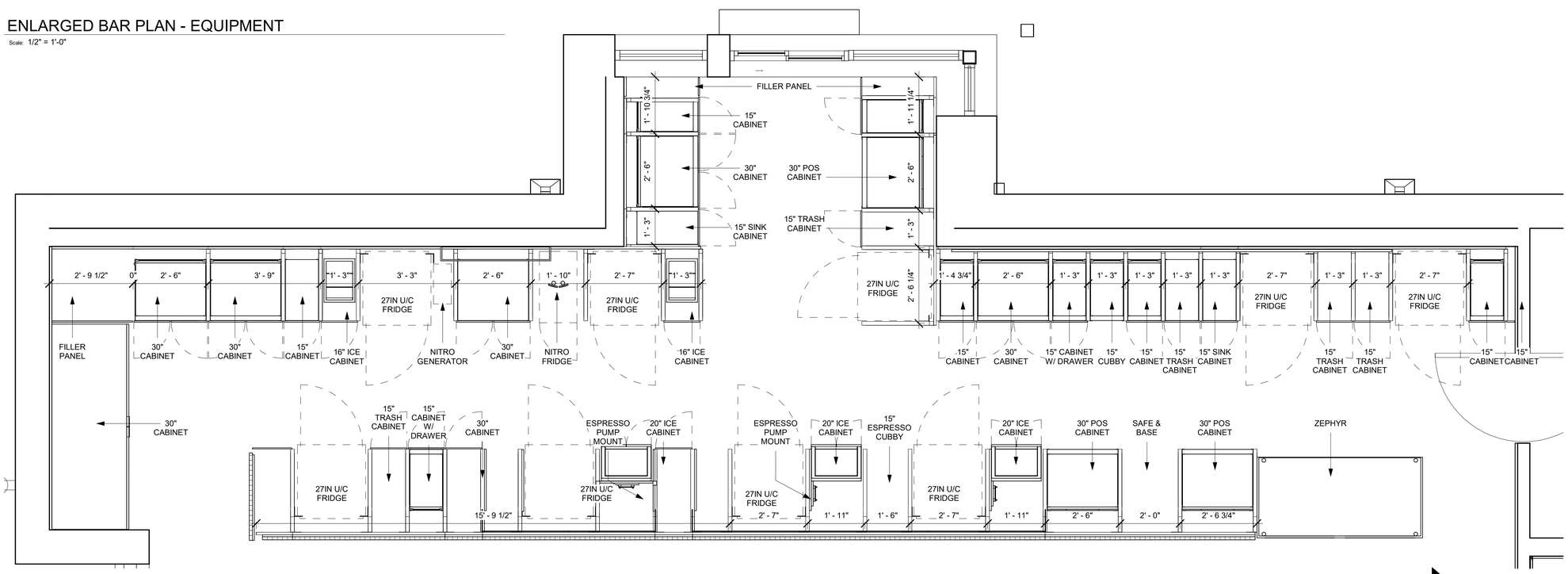
12/5/2023 3:50:57 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

NOTE: CASEWORK VENDOR TO PROVIDE SHOP DRAWINGS FOR STARBUCKS REVIEW PRIOR TO FABRICATION



ENLARGED BAR PLAN - EQUIPMENT

Scale: 1/2" = 1'-0"



ENLARGED BAR PLAN - CASEWORK

Scale: 1/2" = 1'-0"

12/5/2023 3:51:01 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

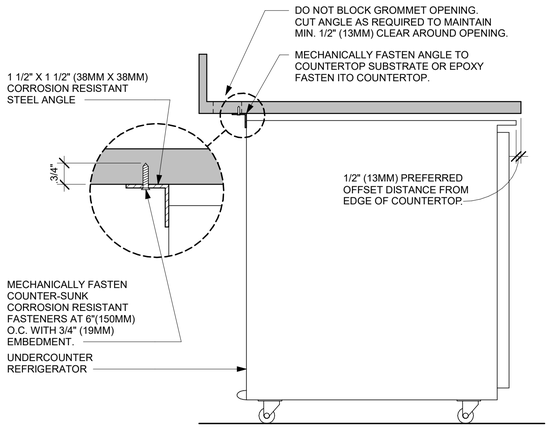
Rev	Date	By	Description

SHEET TITLE:
ENLARGED BAR PLANS

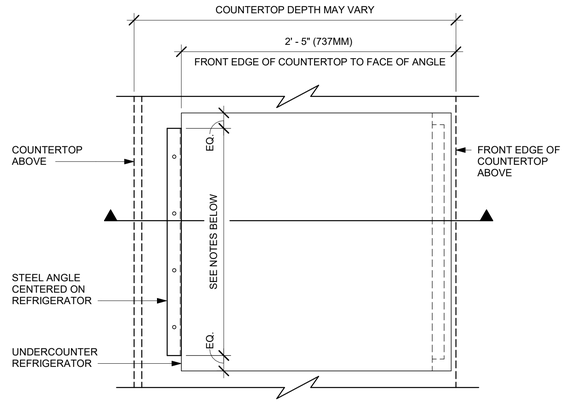
SCALE: AS SHOWN

SHEET NUMBER:
I402

NOTE: CASEWORK VENDOR TO PROVIDE SHOP DRAWINGS FOR STARBUCKS REVIEW PRIOR TO FABRICATION



SECTION VIEW



PLAN VIEW

NOTES

1. 24" (610MM) 1 1/2" X 1 1/2" (38MM X 38MM) STEEL ANGLE TO BE USED WITH SINGLE DOOR REFRIGERATORS.
2. 48" (1220MM) 1 1/2" X 1 1/2" (38MM X 38MM) STEEL ANGLE TO BE USED WITH DOUBLE DOOR REFRIGERATORS.

1 UNDERCOUNTER REFRIGERATOR STOP INSTALLATION

Scale: 1 1/2" = 1'-0"

INFRASTRUCTURE

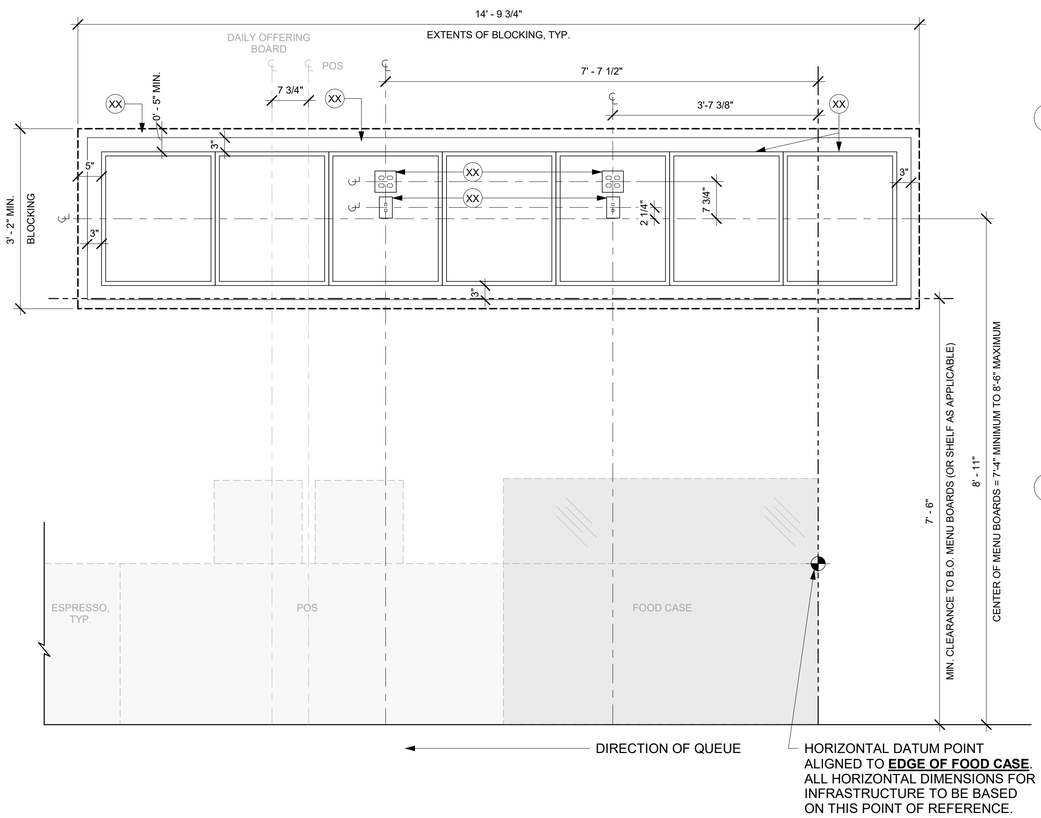
(2) QUAD OUTLETS (XX)

(2) DUAL DATA PORTS (XX)

MENU BOARD FRAME/BRACKET (XX)

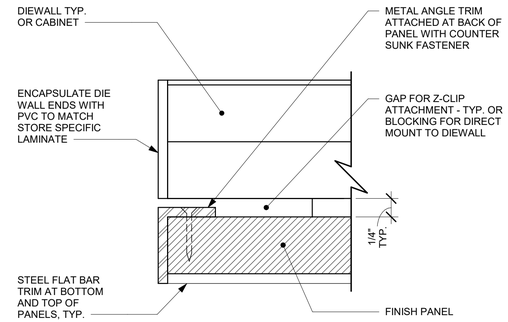
3/4" PLYWOOD BLOCKING SECURED TO STRUCTURE; TO EXTEND A MINIMUM OF 4IN PAST EDGE OF MENU BOARDS. (XX)

CUSTOM WOOD BACKER BOARD. FINISH: WD0073 (XX)



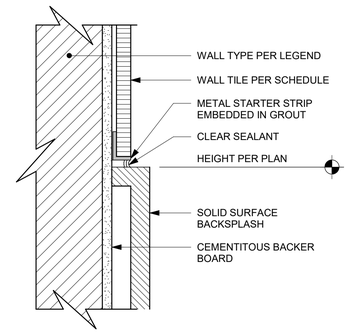
2 DIGITAL MENU BOARDS INFRASTRUCTURE PLACEMENT DIAGRAM

Scale: 3/4" = 1'-0"



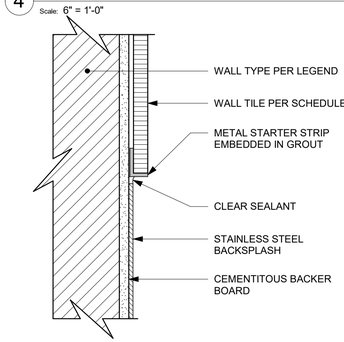
3 TYPICAL DETAIL AT FINISH PANEL END - VERTICAL METAL TRIM

Scale: 12" = 1'-0"



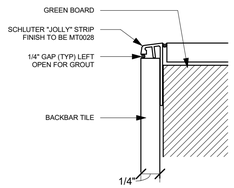
4 SS BACKSPLASH TO TILE TRANSITION

Scale: 6" = 1'-0"



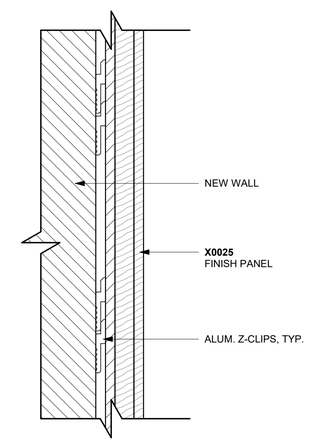
6 SST BACKSPLASH TO TILE TRANSITION

Scale: 6" = 1'-0"



5 SCHLUTER "JOLLY" STRIP

Scale: 12" = 1'-0"



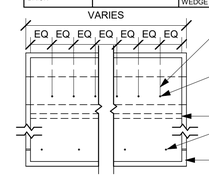
7 WOOD CLADDING AT WALL

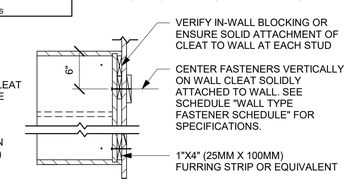
Scale: 6" = 1'-0"

WALL TYPE FASTENER SCHEDULE			
WALL TYPE	WALL BLOCKING	FASTENERS	NOTES
WOOD FRAME	X	#8 X3" (75MM) WD OR EQUIVALENT	REFER TO BLOCKING REQUIREMENTS
METAL FRAME	X	#6 CT. X 1 1/4" (30MM) MTL/WD OR EQUIVALENT	REFER TO BLOCKING REQUIREMENTS
CMU		MIN. 5/16" X 3" (8MM X 75MM) TAPCON OR EQUIVALENT	SPACE PER DETAIL THIS SHEET
CONCRETE		MIN. 1/4" X 3" (7MM X 75MM) SLEEVE ANCHOR OR EQUIVALENT	SPACE PER DETAIL THIS SHEET
BRICK		MIN. 1/4" X 1" (7MM X 25MM) WEDGE ANCHOR OR EQUIVALENT	SPACE PER DETAIL THIS SHEET AVOID SETTING ANCHORS IN MORTAR JOINTS

STUD WALL BLOCKING REQUIREMENTS:
WOOD STUD WALLS REQUIRE MIN. 2" X 6" (50MM X 150MM) WOOD BLOCKING SECURED FLUSH TO STUD FACE WITH (3) 10D NAILS (OR EQUIVALENT)

METAL STUD WALLS REQUIRE MIN. 2" X 6" (50MM X 150MM) WOOD BLOCKING SECURED FLUSH TO STUD FACE WITH MIN. (3) #6 CT. 1.25" (30MM) SCREWS (OR EQUIVALENT)





8 UPPER CABINET ATTACHMENT

Scale: 1" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #: 69057
PROJECT #: 94787-001
ISSUE DATE: 12-1-2023
SR. DESIGN MANAGER: L. ALVAREZ-TABIO
PRODUCTION DESIGNER: L. LA SPIA
CHECKED BY: NORR

Revision Schedule

Rev	Date	By	Description

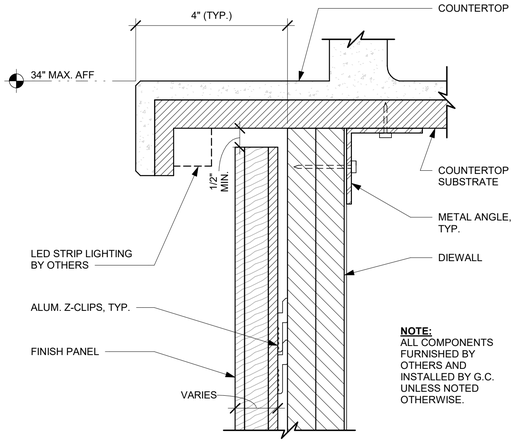
SHEET TITLE:
INTERIOR DETAILS

SCALE: AS SHOWN

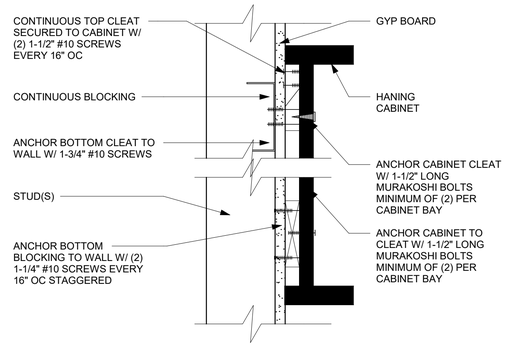
SHEET NUMBER:
I501

12/5/2023 3:51:02 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

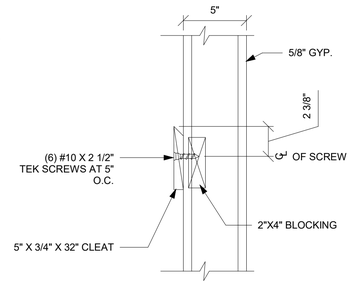
NOTE: CASEWORK VENDOR TO PROVIDE SHOP DRAWINGS FOR STARBUCKS REVIEW PRIOR TO FABRICATION



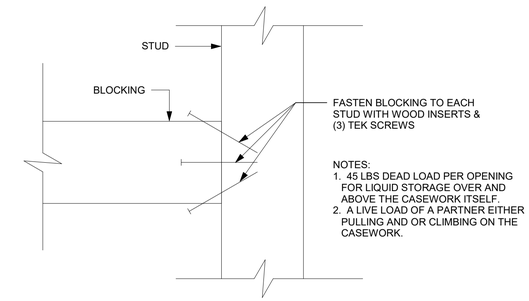
1 FINISH PANEL - BUILT-UP COUNTERTOP OVERHANG
Scale: 6" = 1'-0"



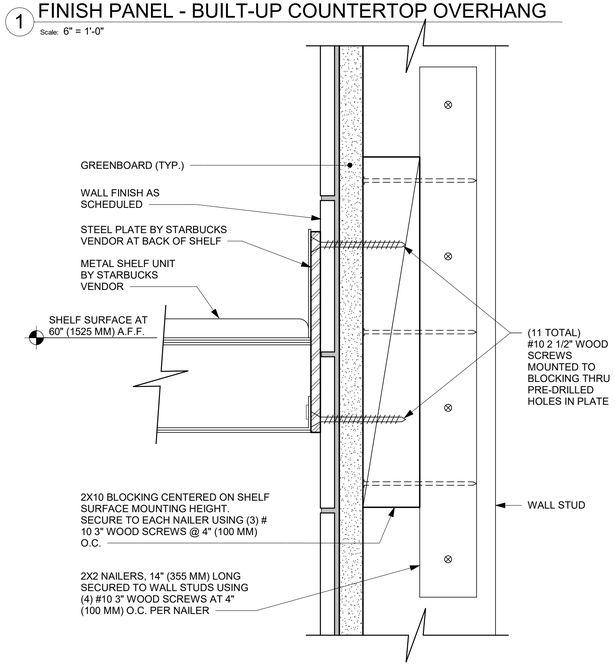
2 ANCHOR DETAIL
Scale: 3" = 1'-0"



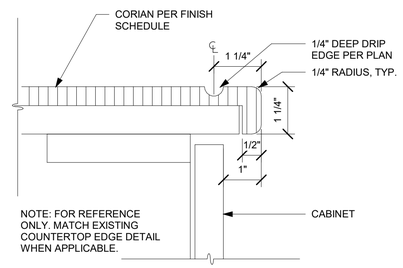
3 CLEAT TO WOOD BLOCKING
Scale: 1/2" = 1'-0"



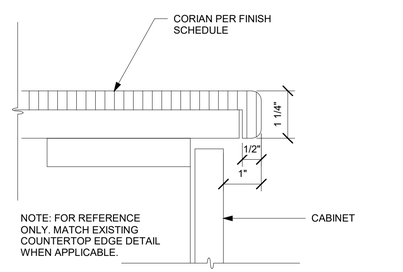
4 BLOCKING TO METAL STUD
Scale: 1/2" = 1'-0"



5 METAL TEA SHELF WOOD WALL ATTACHMENT
Scale: 6" = 1'-0"



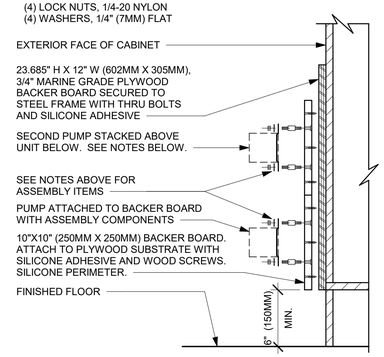
6 TYP. CORIAN EDGE - BACKLINE
Scale: 6" = 1'-0"



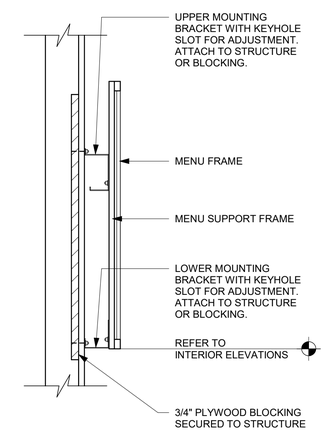
7 TYP. CORIAN EDGE - FRONTLINE
Scale: 6" = 1'-0"

NOTES:

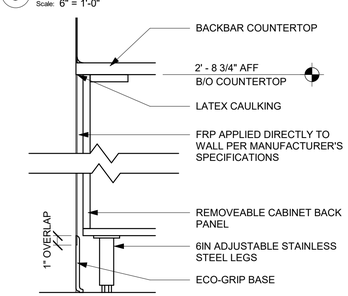
1. LOCATE PUMP WITHIN CORD LENGTH LIMIT. ORIENT WITH PUMP HEAD LEFT, RIGHT AND AT BOTTOM. LOOSEN PUMP HEAD CLAMP, ROTATE AND RE-TIGHTEN AS REQUIRED PER ORIENTATION TO PROVIDE FRONT ACCESS TO FLOW. ADJUSTMENT WITHIN CORD LENGTH LIMIT.
2. USE LOCKTITE ON ISOLATOR THREADS. DO NOT OVER TIGHTEN.
3. LOOSEN PUMP HEAD CLAMP, ROTATE AND RE-TIGHTEN AS REQUIRED FOR PUMP ORIENTATION.
4. EACH BACKER BOARD'S ASSEMBLY COMPONENTS INCLUDE:
   (1) BACKER BOARDS
   (4) TENETS, 1/4-20 VENDOR MOUNTED
   (8) WOOD SCREWS #8 1-1/4" (32MM)
   (4) NEOPRENE ISOLATORS, KARMAN RUBBER, K84-60 NEOPRENE
   (4) LOCK NUTS, 1/4-20 NYLON
   (4) WASHERS, 1/4" (7MM) FLAT



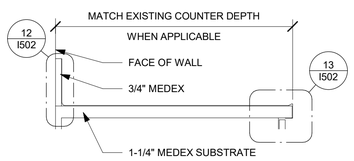
8 ESPRESSO PUMP MOUNTED AT CABINET
Scale: 1 1/2" = 1'-0"



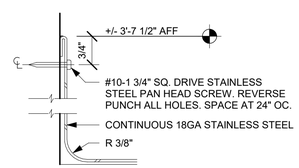
9 MENU - WALL MOUNT
Scale: 1 1/2" = 1'-0"



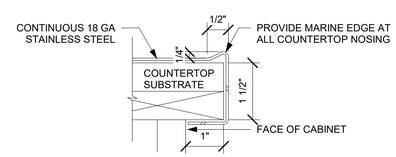
10 FRP AT BACKLINE CABINETS
Scale: 1 1/2" = 1'-0"



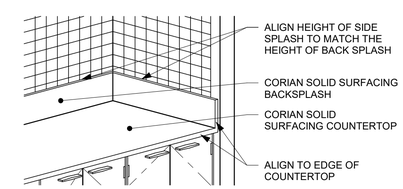
11 STAINLESS STEEL COUNTERTOP
Scale: 1 1/2" = 1'-0"



12 BACKSPLASH DETAIL
Scale: 6" = 1'-0"



13 MARINE EDGE DETAIL
Scale: 6" = 1'-0"



14 CORIAN SIDE SPLASH
Scale: 1/2" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

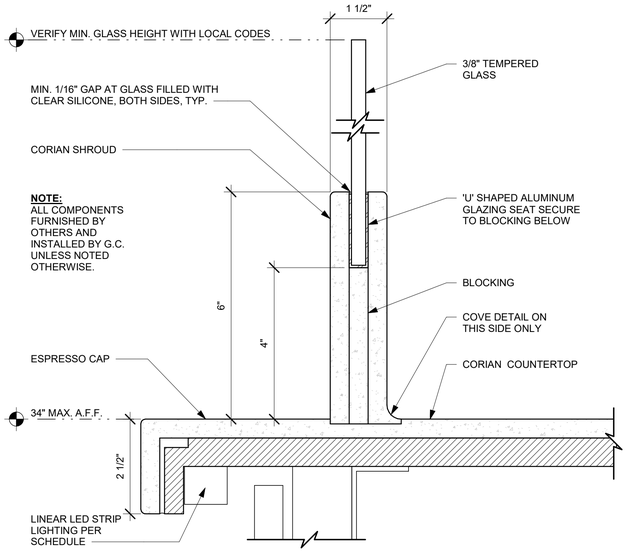
SHEET TITLE:
INTERIOR DETAILS

SCALE: AS SHOWN

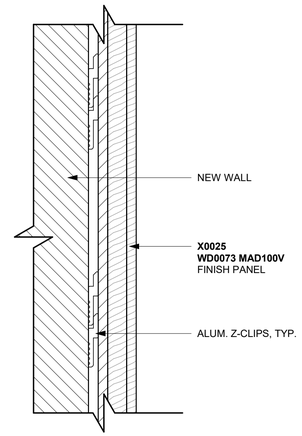
SHEET NUMBER:
I502

12/5/2023 3:51:04 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

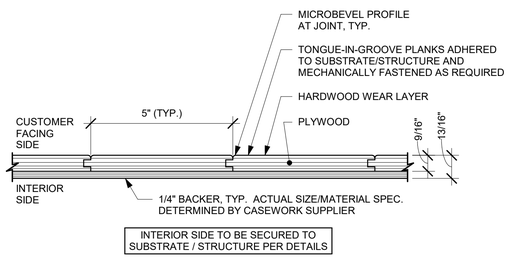
NOTE: CASEWORK VENDOR TO PROVIDE SHOP DRAWINGS FOR STARBUCKS REVIEW PRIOR TO FABRICATION



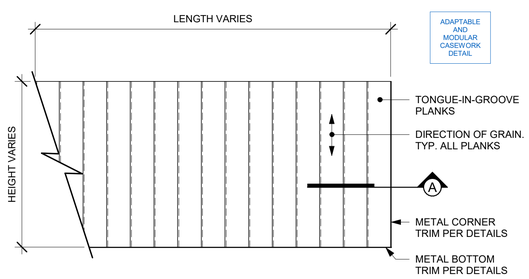
1 ESP SHROUD - CORIAN WITH SNEEZE GUARD
Scale: 6" = 1'-0"



2 WOOD CLADDING AT WALL
Scale: 6" = 1'-0"

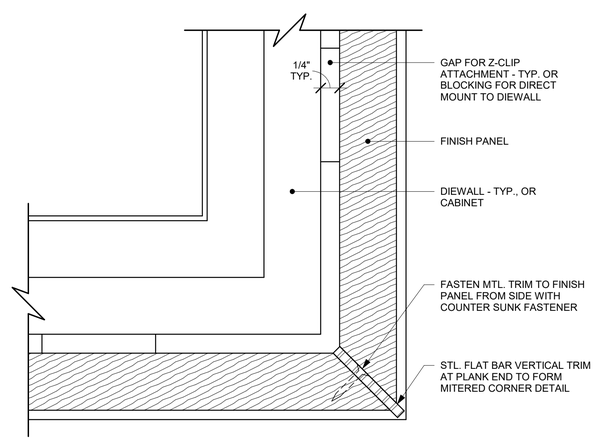


A ENLARGED SECTION PROFILE
NOT TO SCALE



ELEVATION

3 FINISH APPLICATION (MAD 100-V) FIXED WIDTH WIDE PLANK
Scale: 3/4" = 1'-0"



4 MITER DETAIL AT VERTICAL CORNER TRIM
Scale: 12" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-1-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

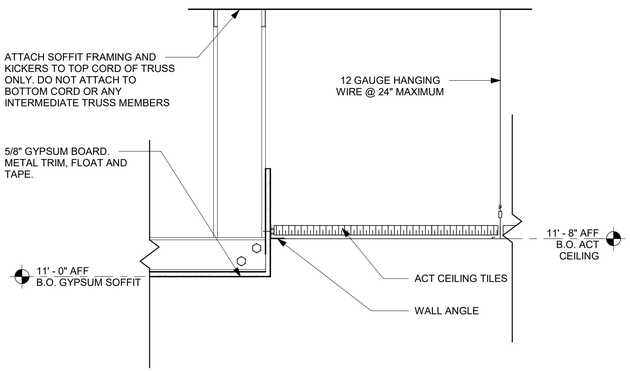
SHEET TITLE:
INTERIOR DETAILS

SCALE: AS SHOWN

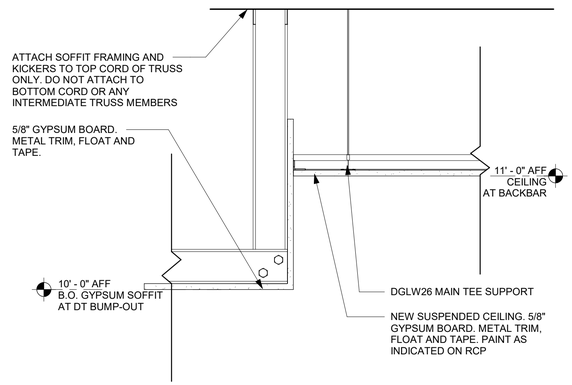
SHEET NUMBER:
I503

12/5/2023 3:51:05 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

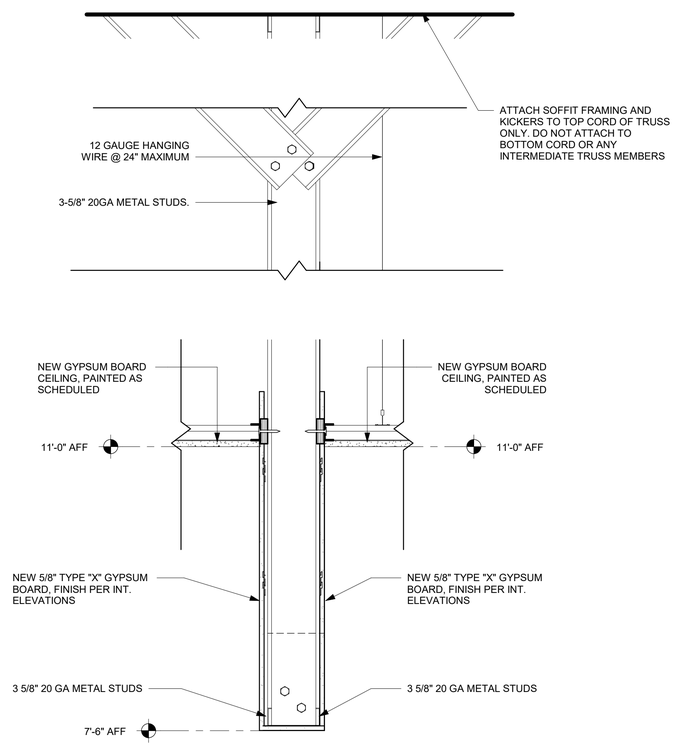
NOTE: CASEWORK VENDOR TO PROVIDE SHOP DRAWINGS FOR STARBUCKS REVIEW PRIOR TO FABRICATION



1 CEILING TRANSITION
Scale: 1 1/2" = 1'-0"



2 DOOR HEAD DETAIL
Scale: 1 1/2" = 1'-0"



3 DT HEADER DETAIL
Scale: 1 1/2" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #: 69057
PROJECT #: 94787-001
ISSUE DATE: 12-1-2023
SR. DESIGN MANAGER: L. ALVAREZ-TABIO
PRODUCTION DESIGNER: L. LA SPIA
CHECKED BY: NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
INTERIOR DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
I504

12/5/2023 3:51:06 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

FURNITURE SCHEDULE - "F"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
BANQUETTE					
TK0001	7	BANQUETTE - ORION	SB	GC	
CHAIR					
19881	25	CHAIR - CAFE ANNA - WHITE OAK WD0073	SB	GC	
19930	8	CHAIR - LOUNGE ARMLESS PONDER - CARAMEL BROWN NATURAL F0008	SB	GC	
20651	8	CHAIR - LOUNGE HANS - BROWN WEAVE	SB	GC	
21360	4	CHAIR - CAFE PEGGY - WALNUT WD0077	SB	GC	
DESK					
10123	1	DESK - MANAGERS WORKSTATION - 60X30X30IN 1525X760X760MM	SB	GC	
10605	1	DESK - MANAGERS WORKSTATION KEYBOARD TRAY	SB	GC	
16505	1	DESK - MANAGERS WORKSTATION SHELVES - 36IN 915MM	SB	GC	
MIRROR					
14350	2	MIRROR - RESTROOM ANGLED- 18X36IN 455X915MM	SB	GC	
OTHER					
10756	2	COAT HOOK 1 PRONG SQUARE - 2IN 50MM - SST	SB	GC	
10820	1	COAT HOOK STRIP - 46IN 1170MM	SB	GC	
TABLE					
11113	4	TABLE - TOP SQUARE - 24IN 610MM - WALNUT	SB	GC	
17340	9	TABLE - CAFE METAL PEDESTAL BASE SQUARE - 24IN 610MM - BLACK MT0028	SB	GC	
17341	2	TABLE - ACCESSIBLE METAL WITH TAPERED LEGS - 36X24IN 915X610MM - BLACK MT0028	SB	GC	
17644	6	TABLE - TOP ROUND - 24IN 610MM - WHITE OAK WD0073	SB	GC	
18406	1	TABLE - COMMUNITY CAFE HEIGHT ANGLE BASE - 10 SEAT NARROW - WITH POWER WHITE OAK WD0073	SB	GC	
18468	4	TABLE - BASE CAFE T LEG - HOT ROLLED STEEL MT0011	SB	GC	
18693	4	TABLE - OCCASIONAL COCKTAIL CAMERON - BEIGE GREY MT0043	SB	GC	
18695	2	TABLE - OCCASIONAL COFFEE CAMERON - BEIGE GREY MT0043	SB	GC	
20128	2	TABLE - OCCASIONAL COFFEE CAMERON - FLAT BLACK MT0028	SB	GC	
21800	2	TABLE - TOP ACCESSIBLE ROUND EDGE OBLONG - 48X24IN 1220X610MM - WHITE OAK WD0073	SB	GC	

PLUMBING FIXTURE SCHEDULE - "P"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DRAIN					
10294	7	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	ZURN FD2372-H, A.R.E. FLOOR SINK WITH 6" SUPM DEPTH AND 1/2 GRATE.
10594	5	DRAIN - SQUARE - 5IN 125MM	GC	GC	JAY R SMITH MODEL #2005Y (B) OR EQUAL
10726	7	DRAIN - GRATE HALF SQUARE - 12IN 305MM	SB	GC	ZURN FD2372-NH3-H. PART NUMBER 29601-003 FOR HALF GRATE OPTION
FAUCET					
10152	1	FAUCET - DOUBLE LABORATORY WITH BENT RISER SPOUT	SB	GC	
10153	5	FAUCET - WATER TOWER - 12IN 305MM	SB	GC	
10215	2	FAUCET - DOUBLE LABORATORY WITH SWING SPOUT	SB	GC	
10447	1	FAUCET - PRE RINSE SPRAYER WALL MOUNTED	SB	GC	
10597	3	FAUCET - SINGLE HANDLE	SB	GC	0.5 GPM FLOW RATE
10804	1	FAUCET - PRE RINSE SWING SPOUT	SB	GC	
10874	1	FAUCET - HOT WATER DISPENSER GOOSENECK	SB	GC	
10922	1	FAUCET - MOP SINK WALL MOUNTED	SB	GC	
10943	1	FAUCET - SINGLE LABORATORY WITH SWING SPOUT	SB	GC	
11003	3	FAUCET - METERED	SB	GC	
13588	1	FAUCET - HAND SINK WALL MOUNTED	SB	GC	
15749	3	FAUCET - INSTAHOT SYSTEM DUAL LEVER	SB	GC	
21352	2	FAUCET - RESTROOM WITH MOTION SENSOR	SB	GC	HARD WIRED
FILTER					
12501	1	FILTER - RO SYSTEM 600GPD	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
12507	1	FILTER - RO SYSTEM 40GAL STORAGE TANK	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
12896	1	FILTER - BRINE TANK	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
12899	2	FILTER - POLY GLASS VESSEL	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
13076	1	FILTER - PREFILTRATION SYSTEM	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
13082	1	FILTER - WATER SOFTENER TWIN	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
13149	1	FILTER - PRESSURE GAUGE	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
OTHER					
22232	1	WATER HEATER TANK GAS - 125K BTU	SB	GC	BRADFORD WHITE COMMERICAL EF SERIES MODEL EF-60T-125-3N (A). 145 GPH RECOVERY @100 DEGREE RISE. SET WATER HEATER TO 140 DEGREES. ENERGY FACTOR 0.96
SINK					
10116	2	SINK - RESTROOM WALL MOUNTED	SB	GC	
10549	1	SINK - RINSE DROP IN SST - 12X20IN 305X510MM	SB	GC	
10995	1	SINK - MOP - 24X24IN 610X610MM	SB	GC	
13264	1	SINK - 3 COMP WORK SST - 93IN 2350MM	SB	GC	
14688	1	SINK - HAND WITH SIDE SPLASH WALL MOUNTED SST	SB	GC	
18743	1	SINK - WATER FILLING STATION - 36X24IN 915X610MM	SB	GC	
22326	3	SINK - COUNTERTOP RINSER WITH WATER TOWER - 28X9IN 710X235MM	SB	GC	
22630	1	SINK - RINSE DROP IN - 27X26IN 685X670MM	SB	GC	
TOILET					
22558	2	TOILET - TANKLESS AUTOMATIC SINGLE FLUSH	GC	GC	WC TO BE PURCHASED THROUGH FERGUSON: NA.PROJECTS@FERGUSON.COM

SPECIALTY EQUIPMENT SCHEDULE - "E"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COOLING					
10267	7	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	SB	GC	
10970	1	FRIDGE REACH IN 1 DOOR LH - 29IN 735MM	SB	GC	
11083	2	FRIDGE REACH IN 2 DOOR - 51X35IN 1295X890MM	SB	GC	
12618	2	FRIDGE UNDERCOUNTER 1 DOOR WITH SHELF - 27IN 685MM	SB	GC	
13620	1	FREEZER REACH IN 1 DOOR LH - 27IN 685MM	SB	GC	
13682	2	FREEZER REACH IN 2 DOOR - 54IN 1370MM	SB	GC	
20011	1	FRIDGE NITRO 2 TAP JT NITCOM RH	SB	GC	KIT INCLUDES UNDERCOUNTER FRIDGE, FONT, TRAY, AND TUBING
EQUIPMENT					
10312	4	BREWER SOFT HEAT WARMING STAND SINGLE	SB	GC	
10746	1	BREWER DUAL SOFT HEAT	SB	GC	
10808	1	GRINDER DITTING KR1203	SB	GC	
10856	6	BREWER SERVER SOFT HEAT	SB	GC	
12508	2	BLENDER QUIET MODEL ON COUNTER	SB	GC	
15186	1	DISHWASHER HOT LOW STEAM	SB	GC	
19742	3	ESPRESSO MACHINE MASTRENA II	SB	GC	
20032	3	OVEN EIKON E2S - BLACK	SB	GC	
21679	1	NITROGEN GENERATOR ELEMENT COMPACT	SB	GC	
FOOD CASE					
16238	1	FOOD CASE - ZEPHYR - 66IN 1675MM	SB	GC	
ICE					
10527	2	ICE - BIN DROP IN 45LB 20KG	SB	GC	
18029	1	ICE - BIN B110	SB	GC	
18845	1	ICE - MACHINE CIM1446HA SERIES AIR COOLED	SB	GC	
19278	3	ICE - BIN DROP IN 45LB 20KG HORIZONTAL	SB	GC	
OTHER					
10091	2	CUP DISPENSER TALL HOT VERTICAL	SB	GC	
10099	2	RESTROOM TOILET PAPER HOLDER	SB	GC	
10172	2	RESTROOM SEAT COVER DISPENSER	SB	GC	
10179	2	HAND DRYER SURFACE MOUNTED	SB	GC	
10384	2	DIAPER CHANGING STATION HORIZONTAL	SB	GC	
10396	2	CUP DISPENSER SHORT HOT VERTICAL	SB	GC	
10467	1	FILE CABINET 2 DRAWER	SB	GC	
10501	1	FIRE EXTINGUISHER	GC	GC	LOCALLY SOURCED.
10641	2	RESTROOM TRASH SANITARY NAPKIN WALL MOUNTED	SB	GC	
10769	2	RESTROOM GRAB BAR VERTICAL - 18IN 455MM	SB	GC	
10791	4	CUP DISPENSER GRANDE VENTI COLD VERTICAL	SB	GC	
10855	4	CUP DISPENSER GRANDE VENTI HOT VERTICAL	SB	GC	
10858	2	CUP DISPENSER TALL COLD VERTICAL	SB	GC	
10859	2	RESTROOM GRAB BAR - 48IN 1220MM	SB	GC	
10862	2	RESTROOM GRAB BAR - 36IN 915MM	SB	GC	
10947	1	SOAP DISPENSER WALL MOUNTED	SB	GC	
10977	1	PAPER TOWEL DISPENSER FULL SIZE - TRANSLUCENT GRAY	SB	GC	
11115	5	SOAP DISPENSER SINK MOUNTED	SB	GC	
13330	2	MOBILE CUP DISPENSER CADDY	SB	GC	
13584	2	CUP DISPENSER TRENTA COLD VERTICAL	SB	GC	
20403	6	KEG - 3GAL	SB	GC	
20671	3	CEILING FAN - BIG ASS FANS HAIKU - BLACK	SB	GC	
21988	2	HAND DRYER BACK PANEL	SB	GC	
22627	1	NITRO 2 TAP HANDLE WITH BADGE AND MOUNT KIT	SB	GC	JOE TAP, FOR USE AT BACKBAR NITRO FONT
STORAGE					
10222	1	WIRE SHELF GRID AT SINK	SB	GC	
10416	10	WORKROOM SHELVING - 36IN 915MM	SB	GC	
10462	10	WORKROOM SHELVING POSTS	SB	GC	
10698	1	MOP RACK WITH 3 HOLDERS			
13578	2	DISHWARE DRYING RACK - 21IN 535MM	SB	GC	
13834	1	BASE - 24X18IN 610X455MM			
15699	1	PARTNER WORK CENTER	SB	GC	
17255	1	PASTRY TRAY CART - 60IN 1525MM PASTRY TRAY CART - 60IN 1525MM	SB	GC	
17264	1	ROLLING PASTRY TRAY THAW RACK - 20X26IN 510X660MM	SB	GC	
17639	1	WORKROOM CART - 24IN 610MM	SB	GC	
19476	2	5 COMP LOCKER - 12IN 305MM	SB	GC	

MECHANICAL EQUIPMENT SCHEDULE - "M"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
FAN					
10632	1	RESTROOM EXHAUST	GC	GC	FAN - GREENHECK G-080-VG, 300 CFM, 115V/1 PHASE. WEIGHT= 39 LBS.
10873	1	RESTROOM EXHAUST ROOF CURB AND DAMPER	GC	GC	CURB - GREENHECK GPI-17-G12, DAMPER - GREENHECK WD-90-PB-8X8 (WITH BACKDRAFT PREVENTER)
HVAC					
10317	5	HVAC - VAV SUPPLY 4 WAY SQUARE - 24IN 610MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
10718	3	HVAC - SUPPLY 2 WAY HARD LID SQUARE - 12IN 305MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
11163	4	HVAC - RETURN LAY IN SQUARE - 24IN 610MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
11165	2	HVAC - RETURN CHANNEL FRAME SQUARE - 10IN 255MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
X0006	15	HVAC - LINEAR SUPPLY GRILLE	GC	GC	TITUS ML-39 LINEAR DIFFUSER. PAINT TO MATCH WITH ADJACENT FINISHES AT ENGINE SW7031 & AT CAFE SW7033
OTHER					
17797	1	ENERGY MANAGEMENT SYSTEM - HVAC ONLY	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.

DATA DEVICE SCHEDULE - "A"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
AUDIO VISUAL					
10005	1	MUSIC SYSTEM	SB	GC	
10010	1	DT ORDER MONITOR	SB	GC	
10012	1	DT COMMUNICATION SYSTEM	SB	GC	
10015	2	SPEAKER RECESSED - WHITE	SB	GC	GC TO INSTALL AND TEST SYSTEM.
12336	1	DT TIMER SYSTEM	SB	GC	
14676	1	DT POS MONITOR ARM DOUBLE SURFACE MOUNTED	SB	GC	
19339	1	AMPLIFIER - 40W	SB	GC	
22549	2	SPEAKER GRILLE RECESSED - BLACK	SB	GC	GC TO INSTALL AND TEST SYSTEM.
DATA					
10002	1	COMPUTER MANAGER WORKSTATION	SB	GC	
10007	1	PRINTER MANAGER WORKSTATION	SB	GC	
18744	1	EQUIPMENT RACK WITH LOCK - 24IN 610MM	SB	GC	
20294	6	IOT MODULE	SB	GC	
POINT OF SALE					
10008	2	POS - REGISTER WITH COMPACT CASH DRAWER	SB	GC	
10014	3	POS PRINTER	SB	GC	
10022	1	MONEY COUNTER	SB	SB	GC TO COORDINATE WITH SBUX VENDOR.
10029	6	POS BANK	SB	GC	
10075	5	CUP LABELER	SB	GC	
14677	1	POS - DT TENDERING REGISTER	SB	GC	PART OF RETAIL IT EQUIPMENT PACKAGE
14678	1	POS - DT EXPEDITOR	SB	GC	PART OF RETAIL IT EQUIPMENT PACKAGE
SECURITY					
10024	1	SAFE LH - 20X18X26IN 510X455X660MM	SB	GC	
10028	1	SAFE BASE	SB	GC	

LIGHTING FIXTURE SCHEDULE - "L"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
EXIT						
11611	2	EMERGENCY EXIT LIGHT - WHITE	SB	GC	INTEGRATED LED	PER JURISDICTIONAL CODES, LETTERING TO BE RED.
19046	2	LED EXIT SIGN WITH EMERGENCY LIGHT - BLACK AND RED	SB	GC	INTEGRATED LED	
19053	1	LED EXIT SIGN - WHITE AND RED			INTEGRATED LED	
19057	4	LED EMERGENCY LIGHT DOUBLE - BLACK	SB	GC	INTEGRATED LED	
RECESSED CAN						
21771	74	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 800LM FLOOD	SB	GC		
21774	8	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - WHITE - 700LM WF	SB	GC	INTEGRATED LED	
21775	7	CAN - LED WALL WASH - 3IN 75MM - BLACK - 1000LM	SB	GC	INTEGRATED LED	
SCONCE						
16593	2	SCONCE - LED RESTROOM VANITY TUBULAR - OPAL GLASS AND BRUSHED NICKEL	SB	GC	INTEGRATED LED	
20837	7	SCONCE - TECH LIGHTING WINDFALL - BLACK	SB	GC	INTEGRATED LED	
21223	1	LED SECURITY LIGHT WST - SILVER - 1500LM FORWARD	SB	GC	INTEGRATED LED	WST LED P1 40K VF MVOLT DDBTXD
TRACK						
12947	2	TRACK - WITH CONNECTORS - 8FT 244CM - BLACK - 1 CIRCUIT	SB	GC		
12949	6	TRACK - WITH CONNECTORS - 12FT 365CM - BLACK - 1 CIRCUIT	SB	GC		
21779	21	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD	SB	GC	INTEGRATED LED	
TROFFER						
15057	12	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4000LM	SB	GC	INTEGRATED LED	

SITE SCHEDULE - "Y"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
EXTERIOR MENU					
22540	2	MENU BOARD - DT 5 PANEL SQUARE FRAME FREESTANDING - 95X62IN 2415X1575MM - BLACK	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. FOOTING AND CONDUIT BY LL.
22542	2	MENU BOARD - DT PRE MENU SQUARE FRAME FREESTANDING - 29X61IN 735X1550MM - BLACK	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. FOOTING AND CONDUIT BY LL.
22546	2	MENU BOARD - DT DIGITAL ORDER SCREEN WITH POST - BLACK	SB	SB/GC	SUPPLIER: IT EQUIPMENT VENDOR (ZONES). SCREEN INSTALLER: REGIONAL SIGNAGE VENDOR. ELECTRICAL: GC CONNECTS DOS WHIPS & STUB-UPS TO DCB. LL TO PROVIDE CONDUIT AND FOOTING
FENCE AND RAILING					
21486	12	FENCE MESH - 54IN 1370MM	SB	GC	
OTHER					
10163	1	DT WINDOW SHELF - 56IN 1420MM - OBSIDIAN PAPERSTONE	SB	GC	CONTACT: MIKE MILLER.MIKE@PAPERSTONEPRODUCTS.COM. 360-538-1510
14095	1	DT WAYFINDING GRAPHIC EXIT ARROW - WHITE	SB	GC	
14101	2	DT WAYFINDING GRAPHIC ENTRY ARROW - GREEN	SB	GC	
14103	7	BOLLARD NONILLUMINATED SQUARE - FLAT BLACK MT0028	SB	GC	SB TO PROVIDE SHOP DRAWINGS.SEE DETAILS. DSA PHOTOTECH
14323	8	DT WAYFINDING GRAPHIC DIRECTIONAL DOUBLE ARROW - GREEN	SB	GC	REFERENCE PAINT 20512 FOR SPECIFICATIONS
14324	5	DT WAYFINDING GRAPHIC DIRECTIONAL DOUBLE ARROW - WHITE	SB	GC	REFERENCE PAINT 20511 FOR SPECIFICATIONS
22543	2	DT ORDER POINT CANOPY SQUARE FRAME - BLACK	SB	GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. FOOTING AND CONDUIT BY LL.
X0002	3	VEHICLE DETECTOR LOOP	SB	GC	SUPPLIER: DT AUDIO VENDOR (HME).
X0005	3	BIKE RACK - OLYMPIA	SB	GC	FORMS & SURFACES: OLYMPIA BIKE RACK. WWW.FORMS-SURFACES.COM; INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

RESPONSIBILITY LEGEND

GC GENERAL CONTRACTOR
LL LANDLORD
SB STARBUCKS

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #: 69057
PROJECT #: 94787-001
ISSUE DATE: 12-1-2023
SR. DESIGN MANAGER: L. ALVAREZ-TABIO
PRODUCTION DESIGNER: L. LA SPIA
CHECKED BY: NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
I601

12/5/2023 3:51:11 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

FLOOR TREATMENT SCHEDULE - "T"

DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CONCRETE					
17859	1054 SF	CONCRETE - DARK GREY STAIN	GC	GC	
PLASTIC					
19795	1285 SF	POLYVINYL FLOOR TILE - ECO-GRIP - PEWTER	GC	GC	
WALK OFF MAT					
19288	38 SF	WALK OFF MAT - HELIX Z1 - BLACK - 12X9IN 305X230MM	SB	GC	

GRAPHICS AND ARTWORK SCHEDULE - "G"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
GRAPHICS - ARTWORK					
22051	1	ART - FRANK GONZALES - THE BIODIVERSITY OF HACIENDA ALSACIA	SB	GC	DESIGNER TO SPECIFY OPTIONS - FORMAT, DIMENSIONS, FINISHES, ETC. THIS IMAGE CANNOT BE CROPPED
GRAPHICS - INTERIOR MENU					
18984	7	MENU BOARD - UNIVERSAL WALL MOUNT BRACKET	SB	GC	
19551	7	MENU BOARD - FRONT INSERT PANEL WITH SQUARE FRAME	SB	GC	
19552	1	MENU BOARD - DAILY OFFERING CHALKBOARD WITH SQUARE FRAME - WHITE OAK	SB	GC	
GRAPHICS - OTHER					
11135	2	RESTROOM SIGN UNISEX ACCESSIBLE	SB	GC	

WALL TREATMENT (AREA) SCHEDULE - "Q"

DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
PLASTIC					
11469	1331 SF	FRP - WHITE	GC	GC	MANUFACTURER: PARKLAND PLASTICS. CONTACT: BRENDON EASH. PHONE (547) 312-1290. EMAIL: BRENDON.EASH@PARKLANDPLASTICS.COM. PRODUCT: PLAST-TEX NRP-HC. COLOR: WHITE.
19795	59 SF	POLYVINYL FLOOR TILE - ECO-GRIP - PEWTER	GC	GC	
TILE					
20219	607 SF	TILE - LUNAR - TITANIUM - 6X24IN 150X600MM	SB	GC	GROUT: MAPEI - 09 GRAY, OR EQUAL
20243	631 SF	TILE - COLOR STUDIO - WHITE - BRICK MOSAIC - 12X12IN 300X300MM SHEET	SB	GC	GROUT: MAPEI - 47 CHARCOAL, OR EQUAL
WALL COVERING					
17780	299 SF	FABRIC WALL COVERING - CANVAS - BRIQUETTE DISTRESSED	SB	GC	

RESPONSIBILITY LEGEND

GC GENERAL CONTRACTOR
LL LANDLORD
SB STARBUCKS

CASEWORK FINISH SCHEDULE

ENGINE ZONE	MATERIAL DESCRIPTION	FINISH CODE	COMMENTS
COMPOSITE - ASH CONCRETE			
COUNTERTOPS - BACKBAR	COMPOSITE - ASH CONCRETE	CP0092	
COUNTERTOPS - ESPRESSO	COMPOSITE - ASH CONCRETE	CP0092	
COUNTERTOPS - ESPRESSO SHROUD	COMPOSITE - ASH CONCRETE	CP0092	
COUNTERTOPS - FRONTBAR	COMPOSITE - ASH CONCRETE	CP0092	
COMPOSITE - BLACK DIAMOND PAPERSTONE			
CABINETS - EXTERIOR	COMPOSITE - BLACK DIAMOND PAPERSTONE	CP0024	
METAL - FLAT BLACK POWDERCOAT			
FRAMING AND HARDWARE	METAL - FLAT BLACK POWDERCOAT	MT0028	
METAL - STAINLESS STEEL - BRUSHED			
CABINETS - UNDERCOUNTER ICE BIN	METAL - STAINLESS STEEL - BRUSHED	#4 BRUSHED 16GA	
COUNTERTOPS - HAND SINK	METAL - STAINLESS STEEL - BRUSHED	#4 BRUSHED 16GA	
FRAMING AND HARDWARE	METAL - STAINLESS STEEL - BRUSHED	#4 BRUSHED 16GA	
PLAM - MOTTLED BLACK			
CUSTOM CABINET BACKBAR	PLAM - MOTTLED BLACK	PL0019	
PLASTIC - BLACK			
CABINETS - DT POS CUBBY	PLASTIC - BLACK		
CABINETS - EXTERIOR	PLASTIC - BLACK		
CABINETS - INTERIOR	PLASTIC - BLACK	<varies>	
WOOD - BLACK			
CUSTOM CABINET BACKBAR	WOOD - BLACK	WD0035	
WOOD - BLACK - REVEAL SLAT - VERTICAL			
FINISH PANELS - FRONTBAR	WOOD - BLACK - REVEAL SLAT - VERTICAL	WD0035 MAD101-V	
XGENERIC - COUNTERTOPS			
COUNTERTOPS - FRONTBAR	XGENERIC - COUNTERTOPS		

PAINT SCHEDULE - "PT"

DESIGN ID	DESCRIPTION	LRV	FURN. BY	INST. BY	COMMENTS
20511	SW - HOTLINE TRAFFIC PAINT - WHITE		GC	GC	
20512	SW - HOTLINE TRAFFIC PAINT - TO MATCH PANTONE 369-C		GC	GC	
SW7045	SW7045 INTELLECTUAL GRAY, OR EQUIVALENT	36	GC	GC	SW USE PRIMER CP-1; NCS - S 3005-Y20R; AKZO NOBEL - 40YY 44/095

STOREFRONT SCHEDULE

	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
WINDOW					
10118	1	WINDOW - DT HURRICANE RATED NO TRANSOM - 48X44IN 1205X1105MM - IMPACT RATED GLASS	GC	GC	READY ACCESS 275 SERIES. FINISH TO MATCH STOREFRONT. USE IN CONJUNCTION WITH AA300 HEATED AIR CURTAIN. WWW.READY-ACCESS.COM

CEILING TREATMENT SCHEDULE - "U"

DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
11302	763 SF	ACT - WHITE - 2X4FT 61X122CM	GC	GC	ARMSTRONG. MODEL: CLEAN ROO VL 2X4
SW7504	161 SF	SW7504 KEYSTONE GRAY, OR EQUIVANLENT	GC	GC	
X0010	1089 SF	VCT - WHITE - 2X4FT 61X122CM	GC	GC	ARMSTRONG. MODEL: CLEAN ROO VL 2X4
PAINT					
SW7045	1002 SF	SW7045 INTELLECTUAL GRAY, OR EQUIVALENT	GC	GC	SW USE PRIMER CP-1; NCS - S 3005-Y20R; AKZO NOBEL - 40YY 44/095

WALL BASE SCHEDULE - "B"

DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TILE BASE					
19795	211' - 7 3/4"	POLYVINYL FLOOR TILE - ECOGRIP - PEWTER	GC	GC	PROVIDE AND INSTALLED BY VENDOR
20218	172' - 3"	TILE BASE - Black - 6x24in 150x600mm	SB	GC	GROUT: MAPEI 10

CASEWORK SCHEDULE - "C"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	FINISH
X0021	1	METAL CASING	GC	GC		MT0028
X0022	1	METAL CASING	GC	GC		MT0028
CABINET						
17580	2	CABINET - CBE TEA SHELF - 29IN 735MM - FLAT BLACK MT0028	SB	GC		
19281	3	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC		
21889	18	CABINET - BOX BASE - VARIABLE LENGTH	SB	GC		
21890	43	CABINET - SIDE PANEL	SB	GC		
21891	12	CABINET - BOTTOM SHELF - 15IN 380MM	SB	GC		
21892	8	CABINET - BACK PANEL - 15IN 380MM	SB	GC		
21893	8	CABINET - ADJUSTABLE SHELF - 15IN 380MM	SB	GC		
21894	11	CABINET - DOOR - 15IN 380MM	SB	GC		
21895	8	CABINET - DOOR TRASH - 15IN 380MM	SB	GC		
21896	2	CABINET - DRAWER - 15IN 380MM	SB	GC		
21902	8	CABINET - BOTTOM SHELF - 30IN 760MM	SB	GC		
21903	4	CABINET - BACK PANEL - 30IN 760MM	SB	GC		
21904	10	CABINET - ADJUSTABLE SHELF - 30IN 760MM	SB	GC		
21905	5	CABINET - DOOR - 30IN 760MM	SB	GC		
21908	5	CABINET - FILLER PANEL - VARIABLE LENGTH	SB	GC		
21909	1	CABINET - DT POS UPPER CUBBY - 32IN 815MM	SB	GC		
21910	1	CABINET - FRENCH CLEAT - VARIABLE LENGTH	SB	GC	DESIGNER TO VERIFY QUANTITY, PROVIDE OVERALL LENGTH REQUIRED.	
21912	3	CABINET - BACK PANEL FOR POS - 30IN 760MM	SB	GC		
21913	6	CABINET - EQUIPMENT MOUNTING PANEL	SB	GC		
22632	1	CABINET - CBE DRY INCLUSION SHELF - 44IN 1120MM - FLAT BLACK MT0028	SB	GC		
22749	1	CABINET - ESPRESSO PUMP MOUNT PANEL	SB	GC		
X0042	1	CUSTOM CABINET -BACKBAR	GC	GC	FINISH PL0019 MOTTLED BLACK	PL0019
CAFE						
20129	1	CONDIMENT CART THREE DROP - WALNUT AND WHITE WD0077 CP0002	SB	GC		
20307	1	WALL BAY 3 UNIT - 90IN 2285MM - DARK WARM BROWN WD0001	SB	GC		
COUNTERTOP						
21918	1	COUNTERTOP - FILLER FRONTBAR - VARIABLE LENGTH				
21919	4	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC		
21920	2	COUNTERTOP - FRONTBAR - 15IN 380MM				
21923	1	COUNTERTOP - END CAP FRONTBAR	SB	GC		
21925	2	COUNTERTOP - BACKBAR - 15IN 380MM	SB	GC		
21927	3	COUNTERTOP - BACKBAR - 30IN 760MM	SB	GC		
22330	1	COUNTERTOP - BREW - LF - 105IN 2665MM	SB	GC		
22344	1	COUNTERTOP - ESPRESSO FRONTBAR - LF - 69IN 1755MM	SB	GC		
22346	1	COUNTERTOP - ESPRESSO SHROUD - 69IN 1755MM	SB	GC		
22353	1	COUNTERTOP - ESPRESSO FRONTBAR - RF - 141IN 3580MM	SB	GC		
22354	1	COUNTERTOP - ESPRESSO SHROUD - 141IN 3580MM	SB	GC		
22361	1	COUNTERTOP - POS - 84IN 2135MM	SB	GC		
22362	1	COUNTERTOP - DT POS - LF - 76IN 1930MM	SB	GC		
22378	1	COUNTERTOP - WARMING - LF - 107IN 2720MM	SB	GC		
22391	1	COUNTERTOP - CONSOLIDATED HANDOFF - 61IN 1550MM	SB	GC		
22396	3	COUNTERTOP - HAND SINK TALL SPLASH - 15IN 380MM	SB	GC		
22636	1	COUNTERTOP - CBE - RF - 152IN 3860MM	SB	GC		
DIEWALL						
21885	22	DIEWALL - FRAMING - VARIABLE LENGTH	SB	GC		
21886	8	DIEWALL - BASE - VARIABLE LENGTH	SB	GC		
21887	8	DIEWALL - SUBSTRATE PANEL - VARIABLE LENGTH	SB	GC		
21888	59	DIEWALL - SUPPORT LEG	SB	GC		
OTHER						
11155	3	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 255X255MM	SB	GC		
21914	9	FRIDGE STOP BRACKET SET	SB	GC		
21915	1	ESPRESSO SNEEZE GUARD - 69IN 1755MM	SB	GC		
21917	1	ESPRESSO SNEEZE GUARD - 141IN 3580MM	SB	GC		
X0025	1	WOOD SLAT 1" X 2"	SB	GC		WD0073
X0026	1	MENU BACKER BOARD	SB	GC	PROVIDED BY CASEWORK VENDOR. REFER TO DETAIL FOR MORE INFO.	WD0073
PANEL						
21933	8	FINISH PANEL - VARIABLE LENGTH	SB	GC		

EXTERIOR SIGNAGE SCHEDULE - "S"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
SIGNAGE - DISK					
13164	2	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 60IN 1525MM	SB	GC	
SIGNAGE - DRIVE THRU					
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC/HILT ON	GC TO COORDINATE WITH SBUX VENDOR. LL TO PROVIDE CONDUIT AND FOOTING
14327	3	SIGN - DT DIRECTIONAL ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC	
22544	2	SIGN - DT CLEARANCE BAR SQUARE FRAME FREESTANDING - BLACK AND DARK GREEN	SB	GC/HILT ON	GC TO COORDINATE WITH SBUX VENDOR. LL TO PROVIDE FOOTING
SIGNAGE - OTHER					
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC	EXTEND MOUNTING ARMS SO BOTTOM OF SIGN IS AT 8'-2" AFF. CONTACT MOP@waltonsignage.com
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC	
SIGNAGE - PYLON DISK					
14096	1	SIGN - PYLON DISK DRIVE THRU ILLUMINATED ARROW SERIES - 108IN 2745MM	SB	GC	
SIGNAGE - WORDMARK					
18494	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 12IN 305MM	SB	GC	WHITE LETTERS

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #: 69057
PROJECT #: 94787-001
ISSUE DATE: 12-1-2023
SR. DESIGN MANAGER: L. ALVAREZ-TABIO
PRODUCTION DESIGNER: L. LA SPIA
CHECKED BY: NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
SCHEDULES

SCALE: AS SHOWN

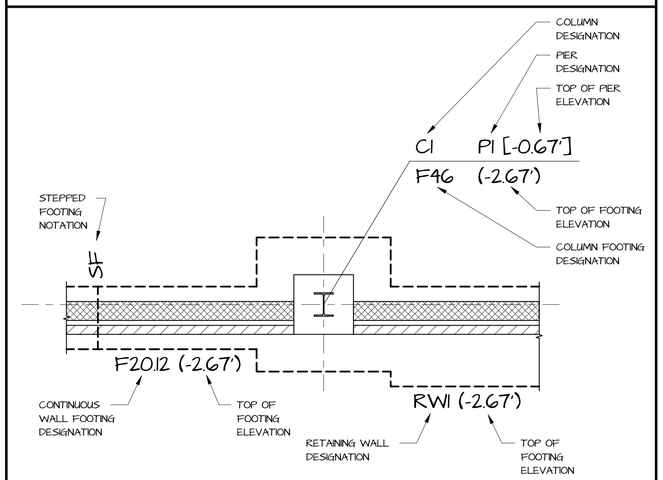
SHEET NUMBER:
I602

12/5/2023 3:51:17 PM C:\Users\brooke.salyer\OneDrive - NORR\Desktop\94787-001_FL_Big Bend & Summerfield Crossing_Permit Set_2023.rvt

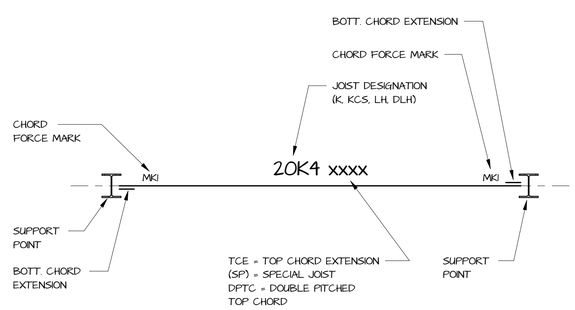
PROJECT TITLE

BIG BEND & SUMMERFIELED CROSSING STARBUCKS

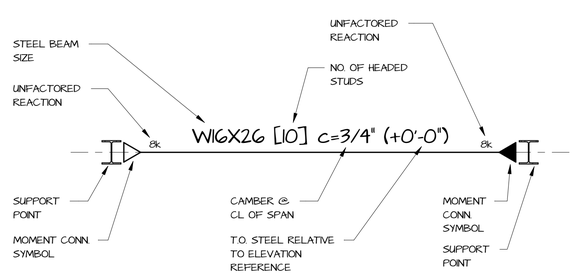
FOUNDATION NOTATION



JOIST NOTATION



STEEL BEAM NOTATION



DRAWING ABBREVIATIONS

ADD'L	ADDITIONAL	LG	LONG
ADJ	ADJACENT	LL	LIVE LOAD
AFF	ABOVE FINISHED FLOOR	LLH	LONG LEG HORIZONTAL
ALT	ALTERNATE	LLV	LONG LEG VERTICAL
APPROX	APPROXIMATE	LP	LOW POINT
ARCH	ARCHITECTURAL	LW	LIGHT WEIGHT CONCRETE
B.O.	BOTTOM OF	MAX	MAXIMUM
BLDG	BUILDING	MECH	MECHANICAL
BM	BEAM	MEP	MECHANICAL, ELECTRICAL, PLUMBING
BOTT	BOTTOM	MFR, MANUF	MANUFACTURER
BP	BEARING PLATE	MIN	MINIMUM
BRG	BEARING	MISC	MISCELLANEOUS
BS	BOTH SIDES	N/A	NOT AVAILABLE
CANT	CANTILEVER	NBL	NON-BEARING LINTEL
CANT LE	CANTILEVER LEFT END	NBMH	NON-BEARING METAL HEADER
CANT RE	CANTILEVER RIGHT END	NBWH	NON-BEARING WOOD HEADER
CC	CONCRETE COLUMN	NIC	NOT IN CONTRACT
CIP	CAST IN PLACE	NOM	NOMINAL
CJ	CONTROL JOINT/ CONSTRUCTION JOINT	NS	NEAR SIDE
CL	CENTER LINE	NTS	NOT TO SCALE
CLR	CLEAR	NW	NORMAL WEIGHT CONCRETE
CMU	CONCRETE MASONRY UNIT	o/c	ON CENTER
COL	COLUMN	OD	OUTSIDE DIAMETER
CONC	CONCRETE	OPNG	OPENING
CONN	CONNECTION	OPP	OPPOSITE
CONT	CONTINUOUS	P/C	PRECAST CONCRETE
COORD	COORDINATE	PCF	POUNDS PER CUBIC FOOT
D	DEPTH, DEEP	PL	PLATE
DBL	DOUBLE	PREFAB	PREFABRICATED
DIA, Ø	DIAMETER	PSF	POUNDS PER SQUARE FOOT
DIM	DIMENSION	PSI	POUNDS PER SQUARE INCH
DL	DEAD LOAD	PT	PRESSURE TREATED
DN	DOWN	RAD	RADIUS
DWG	DRAWING	RD	ROOF DRAIN
DWLS	DOWELS	REBAR	REINFORCING BAR
EF	EACH FACE	REF	REFER OR REFERENCE
EIFS	EXTERIOR INSULATION FINISH SYSTEM	REINF	REINFORCING
EJ	EXPANSION JOINT	REQ'D	REQUIRED
EL	ELEVATION	RR	ROOF RAFTER
ELEV	ELEVATOR	RW	RETAINING WALL
EOS	EDGE OF SLAB	SF	STEPPED FOOTING
EQ	EQUAL	SIM	SIMILAR
EQUIP	EQUIPMENT	SOG	SLAB ON GRADE
EW	EACH WAY	SPEC	SPECIFICATION
EWEF	EACH WAY EACH FACE	SQ	SQUARE
EXIST / (E)	EXISTING	SS	STAINLESS STEEL
EXT	EXTERIOR	STD	STANDARD
FD	FLOOR DRAIN	STIFF	STIFFENER
FF	FINISH FLOOR	STL	STEEL
FIN	FINISH	T&B	TOP & BOTTOM
FLR	FLOOR	T.O.	TOP OF
FND	FOUNDATION	T.O.B.	TOP OF BEAM
FRM	FRAMING	T.O.C.	TOP OF CONCRETE
FT	FOOT	T.O.F.	TOP OF FOOTING
GA	GAUGE	T.O.P.	TOP OF PARAPET
GALV	GALVANIZED	T.O.S.	TOP OF SLAB
GB	GRADE BEAM	T.O.STL.	TOP OF STEEL
GT	GIRDER TRUSS	T.O.W.	TOP OF WALL
HB	HOIST BEAM	TDS	TURNED DOWN SLAB
HEF	HORIZONTAL EACH FACE	THK	THICK, THICKNESS
HIF	HORIZONTAL INSIDE FACE	TS	THICKENED SLAB
HK	HOOK	TSF	THICKENED SLAB FOOTING
HOF	HORIZONTAL OUTSIDE FACE	TYP	TYPICAL
HORIZ	HORIZONTAL	UNO	UNLESS NOTED OTHERWISE
HP	HIGH POINT	VERT	VERTICAL
HS	HAUNCHED SLAB	W	WIDTH, WIDE
IBC	INTERNATIONAL BUILDING CODE	w/	WITH
k	KIPS (1000lbs)	w/o	WITHOUT
KSF	KIPS PER SQUARE FOOT	WD	WOOD
L	ANGLE	WF	WIDE FLANGE
LBS	POUNDS	WWF	WELDED WIRE FABRIC

DRAWING SYMBOLS

SYMBOL	DESCRIPTION
	MOMENT CONNECTION - BEAM TO BEAM OR BEAM TO COLUMN - SEE PLAN FOR REQUIRED CONNECTION MOMENT CAPACITY. IF NO LOAD SHOWN, PROVIDE FULL CAPACITY OF BEAM IN ADDITION TO FULL DEPTH SHEAR CONNECTION
	FLEXIBLE MOMENT CONNECTION (FMC) - BEAM TO COLUMN CONNECTION SEE PLAN FOR REQUIRED CONNECTION MOMENT. IF NO LOAD SHOWN, SEE TYPICAL DETAILS
	SLIDING CONNECTION @ EXPANSION JOINT
	CRIPPLE POINT IN STEEL MEMBER - SEE TYPICAL DETAIL FOR ADDITIONAL INFORMATION
	CHANGE IN SLAB ELEVATION
[_]	SPOT ELEVATION LOCATION
S_/ D_	SLAB/ DECK CONSTRUCTION TAG - SEE SCHEDULE ON DRAWING FOR ADDITIONAL INFORMATION
	UTILITY LINE - COORDINATE SIZE & INVERT w/ UTILITY DRAWINGS
	SLAB CONTROL/ CONSTRUCTION JOINT - SEE TYPICAL DETAILS FOR ADDITIONAL INFORMATION
FD	FLOOR DRAIN - COORDINATE SIZE & LOCATION w/ ARCHITECTURAL & PLUMBING DRAWINGS
TD	TRENCH DRAIN - COORDINATE SIZE & LOCATION w/ ARCHITECTURAL & PLUMBING DRAWINGS
SL	SLOPE OF FLOOR/ ROOF/ SLAB
1 A101	SECTION MARK
1 S-101	BUILDING ELEVATION
1 A101	DETAIL/ ENLARGED PLAN CALLOUT
	MECHANICAL UNIT ID & WEIGHT
H	WALL TAG
LEVEL ELEVATION	LEVEL DESIGNATION
O	STRUCTURAL GRID DESIGNATION
O	EXISTING STRUCTURAL GRID DESIGNATION

DRAWING MATERIALS

CONCRETE/ PRECAST CONCRETE	SHEAR WALLS
COMPACTED EARTH / SITEWORK	RIGID INSULATION
CRUSHED STONE	GROUT
CONCRETE MASONRY UNIT	MANY CONCRETE MASONRY UNIT
AREA OF OVERFRAMING	MECHANICAL UNIT
BRICK VENEER	WOOD
STONE VENEER	STEEL
PLYWOOD SHEATHING/ DECKING	METAL DECKING

DRAWING LIST

SHEET NUMBER	SHEET NAME
S001	COVER SHEET
S002	GENERAL NOTES
S003	PROJECT SCHEDULES
S101	FOUNDATION PLAN
S102	ROOF FRAMING PLAN
S201	TRASH ENCLOSURE PLANS & DETAILS
S501	TYPICAL FOUNDATION DETAILS AND SECTIONS
S511	TYPICAL FRAMING DETAILS
S512	FRAMING SECTIONS AND DETAILS
S513	FRAMING SECTIONS AND DETAILS

This item has been electronically signed and sealed by James R. Baker, PE using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

PILOTTOWN ENGINEERING
17585 NASSAU COMMONS BLVD.
UNIT 3 | LEWES, DE 19958
PHONE: 302-703-1770

JOB NUMBER: 143.046
CONTACT: J. BAKER

THIS DOCUMENT IS THE SOLE PROPERTY OF PILOTTOWN ENGINEERING AND MAY NOT BE REPRODUCED IN ANY FORM FOR THE PURPOSE OF SHOP DRAWING PREPARATION WITHOUT THE PRIOR WRITTEN PERMISSION OF PILOTTOWN ENGINEERING

FOR CONSTRUCTION - FINAL PERMIT SET - 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

JAMES R. BAKER LICENSE No. 88137 STATE OF FLORIDA PROFESSIONAL ENGINEER
12/05/23

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	11-22-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
COVER SHEET

SCALE: AS SHOWN

SHEET NUMBER:
S001

PROJECT SPECIFICATIONS AND GENERAL NOTES

GENERAL

1. COMPLETE ALL WORK PER THE DRAWINGS AND SPECIFICATIONS CONTAINED HEREIN.
2. MEANS AND METHODS INCLUDING ALL WORK RELATED TO THE STAGING, CONSTRUCTION PRACTICES, AND SAFETY OF THE PROJECTS WORKERS AND PROPERTY SHALL BE COMPLETED BY THE CONTRACTOR IN ACCORDANCE WITH STANDARD INDUSTRY PRACTICE AND ALL CODES AND STANDARDS. ENGINEER SITE VISITS ARE FOR THE REVIEW OF THE STRUCTURAL WORK FOR GENERAL CONFORMANCE WITH THE DRAWINGS AND SPECIFICATIONS AND ARE NOT FOR THE REVIEW OF CONTRACTOR RESPONSIBILITIES, INCLUDING BUT NOT LIMITED TO PROJECT SAFETY AND MEANS AND METHODS OF CONSTRUCTION.
3. ALL DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE 2023 FLORIDA BUILDING CODE (8th EDITION).
4. THE CONTRACTOR IS RESPONSIBLE FOR THE EVALUATION AND COMPLIANCE WITH LOADING RESTRICTIONS FOR MEANS AND METHODS OF CONSTRUCTION AS WELL AS STAGING FOR OTHER TRADES.
5. SPECIAL INSPECTIONS SHALL BE IN ACCORDANCE WITH CHAPTER 17 OF THE REFERENCED INTERNATIONAL BUILDING CODE. SUBMIT ALL REPORTS TO THE ENGINEER OF RECORD FOR REVIEW. AT THE COMPLETION OF THE PROJECT, THE SPECIAL INSPECTION REPORT SHALL BE COMPLETED AND SUBMITTED TO THE ENGINEER OF RECORD.
6. CONTRACTOR SHALL NOT SCALE DRAWINGS TO DETERMINE DIMENSIONS OF ELEMENTS.
7. STRUCTURAL DRAWINGS SHALL NOT BE REPRODUCED TO CREATE SHOP DRAWINGS OR SHORING DOCUMENTATION WITHOUT THE EXPRESS WRITTEN CONSENT OF PILOTTOWN ENGINEERING.
8. DIMENSIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH THE OTHER DISCIPLINE DRAWINGS. THE HORIZONTAL AND VERTICAL DIMENSIONS CONTAINED ON THE STRUCTURAL DRAWINGS WERE DEVELOPED BY OTHER DISCIPLINES FOR THE PURPOSE OF THIS PROJECT.
9. THE STRUCTURAL DOCUMENTS ARE TO BE USED IN COORDINATION WITH ALL OTHER DISCIPLINES INCLUDING THE ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM PRIOR TO THE COMMENCEMENT OF WORK.
10. UNLESS SPECIFICALLY APPROVED, ALL REQUESTED CHANGES IN WORK BY THE CONTRACTOR ARE CONSIDERED TO BE COMPLETED AT NO ADDITIONAL COST AND ARE SUBJECT TO THE APPROVAL OF THE DESIGN TEAM AND OWNER.
11. REFER TO THE ARCHITECTURAL DOCUMENTS FOR ALL WATERPROOFING AND FIREPROOFING LOCATIONS AND DETAILS.

SHOP DRAWING REQUIREMENTS

1. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW BY PILOTTOWN ENGINEERING AND THE DESIGN TEAM FOR THE FOLLOWING ITEMS FOR THIS THE PROJECT:
   a. CONCRETE MIX DESIGNS INCLUDING ALL LABORATORY TESTING, MATERIALS, ETC.
   b. REINFORCING SHOP DRAWINGS
   c. ANCHOR BOLT AND CONCRETE EMBEDDED ASSEMBLIES
   d. STEEL FRAMING
   e. OPEN WEB STEEL BAR JOISTS
   f. METAL DECK ASSEMBLIES
   g. MASONRY PRODUCTS
   h. ALL ADMIXTURES, SEALANTS, HARDENERS, AND COATINGS
2. CONTRACTORS TO ALLOW FOR A 10 BUSINESS DAY REVIEW PERIOD BY THE DESIGN TEAM FOR ALL SHOP DRAWINGS NOTED ABOVE. CONTRACTOR RESPONSIBLE TO SUBMITTED SHOP DRAWINGS IN A TIMELY MANNER AND ALL SUBMITTED DRAWINGS SHALL BE REVIEWED BY THE CONSTRUCTION MANAGER PRIOR TO SUBMISSION.
3. DELEGATED DESIGN SUBMITTALS REQUIRE THE REVIEW AND APPROVAL FROM A PROFESSIONAL ENGINEER AND SHALL BE SUBMITTED WITH CALCULATIONS AND SIGNED AND SEALED DRAWINGS PRIOR TO REVIEW.

FOUNDATIONS

1. BOTTOM OF FOOTINGS SHALL BEAR ON (UNDISTURBED VIRGIN SOIL, CONTROLLED COMPACTED FILL, DENSIFIED NATURAL SOIL, ROCK) CAPABLE OF SUPPORTING 2,500 PSF.
2. BOTTOM OF FOOTING SUBGRADE MUST BE INSPECTED AND APPROVED BY A REGISTERED GEOTECHNICAL ENGINEER PRIOR TO PLACING ANY CONCRETE FOUNDATIONS. APPROVAL IN WRITING MUST INDICATE THE SOIL IS ADEQUATE TO SAFELY SUSTAIN THE SPECIFIED BEARING PRESSURE AND ALL REPORTS TO BE SUBMITTED TO THE ENGINEER OR RECORD.
3. BOTTOM OF ALL FOOTINGS SUBJECTED TO FREEZE THAW CONDITIONS SHALL BE A MINIMUM 16 INCHES BELOW FINISHED GRADE.
4. CONTROL JOINTS FOR SITE RETAINING WALLS, LOADING DOCK WALLS, BASEMENT WALLS, AND EXPOSED CONCRETE WALLS SHALL BE SPACED A MAXIMUM OF 20 FEET ON CENTER UNLESS OTHERWISE NOTED ON THE DRAWINGS. MASONRY OR CONCRETE WALLS WITH INTEGRAL COLUMN PIERS OR PILASTERS SHALL HAVE A FORMED CONTROL JOINT ON ONE SIDE OF EACH PIER ON THE EXPOSED FACE OF THE WALL. ALL CONTROL JOINTS SHALL BE FILLED WITH SEALANT AS NOTED ON THE ARCHITECTURAL DRAWINGS.

CONCRETE

1. ALL CONCRETE SHALL BE READY-MIX AND PROPORTIONED ON THE BASIS OF LABORATORY TRIAL MIXTURE OR FIELD TEST DATA OR BOTH ACCORDING TO ACI 301 AND ACI 318. DESIGN MIXTURES SHALL MEET THE REQUIREMENTS BELOW BASED ON CONCRETE PLACEMENT LOCATIONS:
   a. INTERIOR SLABS ON GRADE:
      1. MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS
      2. EXPOSURE CATEGORY: F0
   b. EXTERIOR SLABS ON GRADE:
      1. MINIMUM COMPRESSIVE STRENGTH OF 4500 PSI AT 28 DAYS
      2. EXPOSURE CATEGORY: F2
      3. 6% AIR-ENTRAINMENT (+/- 1.5%)
   c. FOOTINGS AND FOUNDATION WALLS:
      1. MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS
      2. EXPOSURE CATEGORY: F0
2. CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF DESIGN MIXTURES FOR EACH APPLICATION/LOCATION USED IN CONSTRUCTION AS NOTED ABOVE AND ON THE DRAWINGS.
3. ALL CONCRETE WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING:
   a. ACI BUILDING CODE (ACI 318),
   b. ACI DETAILING MANUAL (MNL-66),
   c. SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301).
4. ALL REINFORCING STEEL SHALL BE MANUFACTURED AND CONFORM TO ASTM DESIGNATION A615 GRADE 60. ALL BARS TO BE LAPPED A MINIMUM 48 BAR DIAMETERS UNLESS OTHERWISE NOTED.
5. ALL WWF SHALL BE MANUFACTURED FROM HIGH STRENGTH STEEL CONFORMING TO ASTM A1064/A1064M. ALL WWF SHALL LAP A MINIMUM OF 6 INCHES.
6. CONCRETE SLAB ON GRADE SHALL BE FINISHED TO TOLERANCE FOR FLOOR FLATNESS (FF) OF 25 AND FLOOR LEVELNESS (FL) OF 20 UNLESS OTHERWISE MANDATED BY ARCHITECTURAL FINISH REQUIREMENTS.
7. PLACE TRANSVERSE REINFORCING (SWB) IN BOTTOM LAYER OF CONTINUOUS FOOTINGS. PROVIDE CORNER BARS IN FOOTINGS TO MATCH CONTINUOUS REINFORCEMENT. EXTEND WALL FOOTING REINFORCING INTO COLUMN FOOTINGS A MINIMUM OF 2 FEET.
8. PROVIDE KEYS IN CONCRETE WALLS, PIERS, GRADE BEAMS, AND FOOTINGS AT INTERSECTIONS UNLESS NOTED OTHERWISE. PROVIDE CORNER BARS TO MATCH HORIZONTAL REINFORCEMENT AT WALL CORNERS AND TEE INTERSECTIONS.
9. CONCRETE SHALL ACHIEVE A MINIMUM OF 70% OF THE DESIGN STRENGTH PRIOR TO STEEL ERECTION. WRITTEN CONFIRMATION OF THIS STRENGTH SHOULD BE SUBMITTED TO THE ENGINEER OF RECORD PRIOR TO THE COMMENCEMENT OF STEEL ERECTION.

STEEL

1. ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST AISC CODE. ALL STRUCTURAL STEEL SHAPES AND GRADES SHALL BE AS FOLLOWS (UNLESS NOTED OTHERWISE).
   a. WIDE FLANGE (W) SHAPES, ASTM A992/A992M GRADE 50
   b. S, M, AND HP SHAPES, ASTM A572 GRADE 50
   c. HSS STRUCTURAL SECTIONS, ASTM A500 GRADE B, Fy = 46 KSI
   d. HSS ROUND SECTIONS, ASTM A500 GRADE C, Fy = 46 KSI
   e. STEEL PIPE SECTIONS, ASTM A53, GRADE B, Fy = 35 KSI
   f. ALL OTHER STRUCTURAL STEEL SHALL BE ASTM A36 UNLESS OTHERWISE NOTED.
   g. ANCHOR BOLTS, ASTM F1554
2. CLEAN ALL STEEL IN ACCORDANCE WITH SSPC-SP3 AND PROVIDE A SHOP COAT OF RUST INHIBITIVE PAINT. STEEL CONTRACTOR TO COORDINATE PRIMER LCOATION WITH SLIP CRITICAL BOLTED CONNECTION LOCATIONS AS REQUIRED.
3. STEEL TO RECEIVE SPRAYED-ON FIREPROOFING OR CONCRETE ENCASEMENT SHALL REMAIN CLEANED AND UNPAINTED.
4. ALL LINTELS SHALL BE GALVANIZED AND PAINTED.
5. ALL VENEER SHELF ANGLES SHALL BE HOT DIP GALVANIZED.
6. ALL EXPOSED STEEL TO THE WEATHER ELEMENTS (DUNNAGE FRAMING, SCREEN WALL FRAMING, CANOPY FRAMING, ETC.) SHALL BE GALVANIZED AND PAINTED.
7. ANY POINTS OF WELDING ON GALVANIZED MEMBERS SHALL BE TOUCHED UP IN THE FIELD WITH A ZINC-RICH PAINT AS REQUIRED BY THE STEEL ERECTOR.
8. ALL ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS) SHALL BE FABRICATED AND ERECTED AS FOLLOWS:
   a. ALL STEEL SHALL BE THOROUGHLY CLEANED IN ACCORDANCE WITH SSPC-SP6 PRIOR TO PAINTING.
   b. ALL WELDS SHALL BE GROUND SMOOTH TO THE APPROVAL OF THE ENGINEER OF RECORD AND THE ARCHITECT.
   c. ALL PAINT SHALL BE TOUCHED UP TO THE APPROVAL OF THE ARCHITECT.
   d. STEEL SHALL HAVE A SHOP COAT OF RUST INHIBITIVE PAINT COMPATIBLE WITH THE FINISH PAINT PRODUCT.
9. ORIENT ALL BEAMS MILL CAMBER UPWARD DURING FABRICATION AND ERECTION.
10. ALL SHOP AND FIELD WELDING SHALL BE PERFORMED BY WELDERS CERTIFIED, AS DESCRIBED IN "LATEST EDITION OF THE AMERICAN WELDING SOCIETY'S STANDARD QUALIFICATION PROCEDURE", AWS D1.1 TO PERFORM THE TYPE OF WORK REQUIRED.
11. ALL BEAM TO GIRDER CONNECTIONS SHALL BE AS DESIGNED BY THE FABRICATOR SUBJECT TO THE ENGINEER'S APPROVAL. THE FOLLOWING CONNECTIONS ARE PERMITTED:
   a. DOUBLE ANGLE
   b. SHEAR PLATE
   c. SINGLE ANGLE
   d. FABRICATOR SHALL ADHERE TO ALL OSHA FEDERAL REGISTER STANDARDS WITH REGARD TO CONNECTION DESIGN
12. UNLESS NOTED OTHERWISE ON THE DRAWINGS, BEAM TO GIRDER CONNECTIONS SHALL BE DESIGNED FOR THE FOLLOWING:
   a. NON-COMPOSITE BEAM TO GIRDER, A MINIMUM OF 50% OF THE MAXIMUM BEAM END REACTION INDICATED BY THE AISC MAXIMUM TOTAL UNIFORM LOAD TABLES.
13. ALL CONNECTIONS TO BE DESIGNED BY THE STEEL FABRICATOR AND TO CONSIST OF THE FOLLOWING:
   a. BOLTED WITH A MINIMUM OF 3/4" A325N HIGH STRENGTH BOLTS
   b. WELDED CONNECTIONS
14. ALL GIRDER AND BEAM CONNECTIONS TO COLUMNS SHALL BE AS DESIGNED BY THE FABRICATOR SUBJECT TO THE ENGINEERS APPROVAL. THE FOLLOWING CONNECTIONS ARE REQUIRED:
   a. FULL DEPTH DOUBLE ANGLE CONNECTIONS BOLTS SHALL BE AT 3-INCH O/C VERT.
   b. AISC TYPE 2 PR / FLEXIBLE MOMENT CONNECTIONS (LOCATIONS SHOWN ON DRAWINGS). FULL DEPTH DOUBLE ANGLE CONNECTIONS WITH TOP AND BOTTOM CLIP ANGLES AS INDICATED IN THE DRAWINGS.
15. PIPE AND TUBE COLUMN CONNECTIONS:
   a. PROVIDE A MINIMUM 3/8 INCH THICK, FULL DEPTH THRU-PLATE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
16. PROVIDE TYPICAL BOLTED CONNECTIONS WITH TENSION CONTROLLED BOLTS CONFORMING TO THE REQUIREMENTS OF ASTM F1852 AND F2280.
17. SEPARATE ALL ALUMINUM AND STEEL MEMBERS AS REQUIRED TO PREVENT GALVANIC AND CORROSIVE EFFECTS.
18. ALL STEEL WELDING RODS SHALL BE AS FOLLOWS:
   a. E70XX FOR STEEL CONNECTIONS
19. CONTRACTOR TO SUBMIT ALL STEEL SHOP DRAWINGS FOR REVIEW PRIOR TO ANY FABRICATION.
20. STEEL FABRICATOR IS SOLELY RESPONSIBLE FOR COORDINATING WITH THE GENERAL CONTRACTOR FOR THE PURPOSE OF SURVEYING AND VERIFICATION OF EXISTING CONDITIONS INCLUDING BUT NOT LIMITED TO THE LOCATION, ELEVATION, AND DIMENSIONS OF WALLS AND FRAMING THAT EXIST AT THE TIME OF THE STEEL ERECTION.
21. PERIMETER ANGLES AND BENT PLATES SHALL BE ADJUSTABLE AND SHALL BE WELDED AFTER ADJUSTMENT IN THE FIELD.

OPEN WEB STEEL BAR JOISTS

1. STEEL JOISTS SHALL BE DESIGNED, FABRICATED, AND ERECTED AS PER THE REQUIREMENTS OF THE STEEL JOIST INSTITUTE AND THE JOIST MANUFACTURER SHALL BE A MEMBER OF THE STEEL JOIST INSTITUTE.
2. ALL STEEL JOISTS SHALL BE THOROUGHLY CLEANED IN ACCORDANCE WITH SSPC-SP3 AND SHALL HAVE A SHOP COAT OF RUST INHIBITIVE PAINT.
3. ALL SPECIAL JOISTS TO BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STEEL JOIST INSTITUTE FOR THE JOIST DESIGNATION SHOWN ON THE DRAWINGS. DESIGN SPECIAL JOISTS AS REQUIRED FOR ALL SPECIAL JOIST LOADING DIAGRAMS AND ADDITIONAL LOADING INFORMATION AS INDICATED ON DRAWINGS.
4. ALL BRIDGING AND BRACING OF JOISTS SHALL BE IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE AND OSHA STANDARDS UNLESS OTHERWISE NOTED ON THE DRAWINGS AND SHALL BE SUPPLIED IN ACCORDANCE WITH ALL OSHA REQUIREMENTS.
5. PROVIDE ADDITIONAL BRIDGING AND BRACING AS REQUIRED FOR ALL JOISTS LOCATED ON COLUMNS LINES AS REQUIRED TO DEVELOP CHORD FORCES AND MOMENTS AS NOTED ON THE DRAWINGS.
6. EXTEND, CONNECT, AND WELD BOTTOM CHORDS OF JOISTS AT ALL COLUMN LINES AND WHERE NOTED ON DRAWINGS AFTER ALL DEAD LOADS ARE APPLIED. JOIST MANUFACTURER SHALL DESIGN THE JOISTS FOR THE CHORD DESIGN FORCES, MOMENTS, AND OTHER LOADING REQUIREMENTS NOTED ON THE DRAWINGS.
7. PROVIDE TOP CHORD EXTENSIONS OF STEEL JOISTS AS REQUIRED AND JOIST MANUFACTUR TO DESIGN EXTENSION PER LOADING INDICATED IN DRAWINGS.
8. ALL JOIST SHALL BE DESIGNED AND BRACED TO RESIST THE FOLLOWING NET UPLIFT FORCES (ALLOWABLE):
   a. FIELD NET UPLIFT = 15 PSF
   b. EDGE NET UPLIFT = 23 PSF
   c. CORNER NET UPLIFT = 23 PSF
   FOR A EDGE DIMENSION OF 6.8 FEET.

METAL ROOF DECK

1. STEEL ROOF DECK FOR THE PROJECT SHALL BE AS SHOWN ON THE DRAWINGS.
2. ALL ROOF DECK SHALL BE AS MANUFACTURED BY VULCRAFT, INC. OR APPROVED EQUAL. MANUFACTURER, MANUFACTURER AND INSTALLER SHALL BE A MEMBER OF THE STEEL DECK INSTITUTE AND MUST COMPLY WITH THE STEEL DECK INSTITUE STANDARDS.
3. ALL ROOF DECK SHALL BE DESIGNED, MANUFACTURED, AND INSTALLED IN ACCORDANCE WITH THE LATEST FACTORY MUTUAL STANDARDS.
4. ALL ROOF DECK SHALL BE CONTINUOUS OVER A MINIMUM OF THREE SPANS.
5. FOR ROOF DECK THINNER THAN 22 GA, USE WELDING WASHERS ON ALL CONNECTIONS OF STEEL TO STRUCTURAL STEEL SUPPORTS.
6. WARPING OF ROOF DECK MAY BE REQUIRED AS INDICATED ON DRAWINGS. CONNECT DECK USING SELF DRILLING SCREWS OR POWDER ACTUATED FASTENERS (PAFs) FOR CONNECTIONS OF ROOF DECK TO ALL SUPPORTING STRUCTURAL STEEL (JOISTS AND BEAMS) SUPPORTS. SCREW OR PAF SIZES SHALL COMPLY WITH MANUFACTURER REQUIREMENTS.
7. ATTACH METAL ROOF DECK TO STRUCTURAL STEEL SUPPORTS WITH ONE OF THE APPROVED FOLLOWING METHODS:
   a. 5/8" DIAMETER PUDDLE WELDS (36/4 FASTENING PATTERN UNLESS OTHERWISE NOTED).
   b. DECK TO STEEL BAR JOISTS, HILTI DECK FASTENER X-HSNK24 (36/4 FASTNENING PATTERN UNLESS OTHERWISE NOTED)
   c. DECK TO STRUCTURAL STEEL, HILTI DECK FASTENER X-ENP-19 (36/4 FASTENING PATTERN UNLESS OTHERWISE NOTED).
   d. ALL SIDE LAPS SHALL BE FASTENED TOGETHER WITH #12 SELF DRILLING SCREWS AT 36 INCHES ON CENTER.

MASONRY

1. ALL MASONRY UNITS SHALL BE NORMAL WEIGHT MASONRY UNITS MEETING ASTM C90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI (f'm) (AVERAGE OF 3 TESTS).
2. ALL MASONRY UNITS TO BE GROUTED SOLID BELOW GRADE AND WHERE INDICATED IN DRAWINGS.
3. ALL CMU SHALL BE LAID IN A FULL BED OF MORTAR.
4. CONTRACTOR TO CONSTRUCT COLUMN PIERS INTEGRALLY WITH FOUNDATION AND ABOVE GRADE WALLS AND CONTINUE HORIZONTAL WALL REINFORCEMENT THROUGH THE PIER.
5. THE FOLLOWING BLOCK STRENGTHS ARE REQUIRED UNLESS ASSEMBLY STRENGTH IS JUSTIFIED VIA THE PRISM TEST:
   a. 2800 PSI ON GROSS AREA FOR SOLID INDIVIDUAL UNITS.
   b. 1900 PSI ON NET AREA OF HOLLOW INDIVIDUAL UNITS.
6. ALL MASONRY MORTAR SHALL BE ASTM C270 TYPE S WITH A MINIMUM COMPRESSIVE STRENGTH OF 1800 PSI AT 28 DAYS.
7. ALL MORTAR SHALL BE FIELD-TESTED PER ASTM C780.
8. COMPRESSIVE STRENGTH VALUES DETERMINED THROUGH ASTM C780 IN THE FIELD ARE NOT EXPECTED TO ACHIEVE THE COMPRESSIVE STRENGTHS OF LABORATORY TESTED ASTM C270 SPECIFICATION MORTARS.
9. GROUT SHALL BE A HIGH SLUMP MIX, PROPORTIONED IN ACCORDANCE WITH ASTM C476, THAT ACHIEVES THE COMPRESSIVE STRENGTH OF THE MASONRY (f'm), NOT LESS THAN 2000 PSI AT 28 DAYS.
10. ALL GROUT SHALL BE TESTED USING FIELD OBTAINED CYLINDERS IN ACCORDANCE WITH ASTM C1019.
11. ALL CONCRETE MASONRY SHALL BE CONSTRUCTED IN ACCORDANCE WITH "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES ACI 530/ASCE 5/TMS 402" AND THE "SPECIFICATION FOR MASONRY STRUCTURES ACI 530.1/ASCE 6/TMS 602."
12. ALL BRICK MASONRY UNITS SHALL BE GRADE SW IN ACCORDANCE WITH ASTM C216 WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI, BONDED TOGETHER WITH TYPE S MORTAR.
13. PROVIDE HOT-DIPPED GALVANIZED TRUSS TYPE HORIZONTAL JOINT REINFORCEMENT, MIN 9 GA, AT 16" ON CENTER VERTICAL IN ALL MASONRY WALLS. SPACE HORIZONTAL JOINT REINFORCEMENT AT 8 INCHES ON CENTER IN ALL PARAPETS. USE SHOP FABRICATED SPECIAL PIECES AT ALL CORNERS AND TEES.

This item has been electronically signed and sealed by James R. Baker, PE using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

PILOTTOWN
ENGINEERING
17585 NASSAU COMMONS BLVD.
UNIT 3 | LEWES, DE 19958
PHONE: 302-703-1770

JOB NUMBER: 143.046
CONTACT: J. BAKER

THIS DOCUMENT IS THE SOLE PROPERTY OF PILOTTOWN ENGINEERING AND MAY NOT BE REPRODUCED IN ANY FORM FOR THE PURPOSE OF SHOP DRAWING PREPARATION WITHOUT THE PRIOR WRITTEN PERMISSION OF PILOTTOWN ENGINEERING

FOR CONSTRUCTION - FINAL PERMIT SET - 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

JAMES R. BAKER
LICENSE
No. 88137
STATE OF FLORIDA
PROFESSIONAL ENGINEER
12/05/23

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	11-22-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
GENERAL NOTES

SCALE: AS SHOWN

SHEET NUMBER:
S002

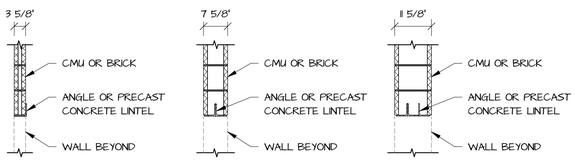
SCHEDULE OF SPECIAL INSPECTIONS

2020 FLORIDA BUILDING CODE

REQUIRED VERIFICATION & INSPECTIONS	REMARKS
CONCRETE CONSTRUCTION	SEE TABLE 1705.3 FOR CONTINUOUS & PERIODIC INSPECTION REQUIREMENTS
STEEL DECK	SEE SECTION 1705.2.2/ SDI QA/QC FOR CONTINUOUS & PERIODIC INSPECTION REQUIREMENTS
REINFORCING STEEL	SEE TABLE 1705.3 FOR CONTINUOUS & PERIODIC INSPECTION REQUIREMENTS
STRUCTURAL STEEL	PER QUALITY ASSURANCE INSPECTION REQUIREMENTS OF AISC 360 & SECTION 1705.2
OPEN-WEB STEEL JOISTS	SEE TABLE 1705.2.3 FOR CONTINUOUS & PERIODIC INSPECTION REQUIREMENTS
SOILS	SEE TABLE 1705.6 FOR CONTINUOUS & PERIODIC INSPECTION REQUIREMENTS
MASONRY CONSTRUCTION	INSPECT & VERIFY IN ACCORDANCE w/ TMS 402/ ACI 530/ ASCE 5 & TMS 602/ ACI 530.1/ ASCE 6

SPECIAL INSPECTIONS NOTES

1. THE OWNER WILL ENGAGE THE SERVICES OF SPECIAL INSPECTORS TO PROVIDE INSPECTIONS DURING CONSTRUCTION ON WORK INDICATED IN THE ABOVE SCHEDULE, IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 17 OF THE 2019 CHICAGO BUILDING CODE (w/ MARCH 2021 SUPPLEMENT).
2. STRUCTURAL OBSERVATIONS ARE REQUIRED PER SECTION 1704.15 OF THE 2019 CHICAGO BUILDING CODE (w/ MARCH 2021 SUPPLEMENT).
3. SEE GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INSPECTION AND TESTING REQUIREMENTS.
4. ALL DISCREPANCIES OBSERVED SHOULD BE BROUGHT TO THE CONTRACTORS ATTENTION IMMEDIATELY FOR CORRECTION. ADDITIONALLY, THE E.O.R. SHOULD BE NOTIFIED OF THE DISCREPANCY AND THE PROPOSED METHOD OF REPAIR.
5. THE SPECIAL INSPECTOR SHALL SUBMIT INSPECTION REPORTS TO THE CONTRACTOR, ARCHITECT, OWNER AND THE E.O.R. REPORTS SHALL DOCUMENT REQUIRED INSPECTIONS AND CORRECTIONS OF ANY DISCREPANCIES. REPORTS SHALL BE PROVIDED AT INTERVALS CONVENING THE PROGRESS OF CONSTRUCTION.

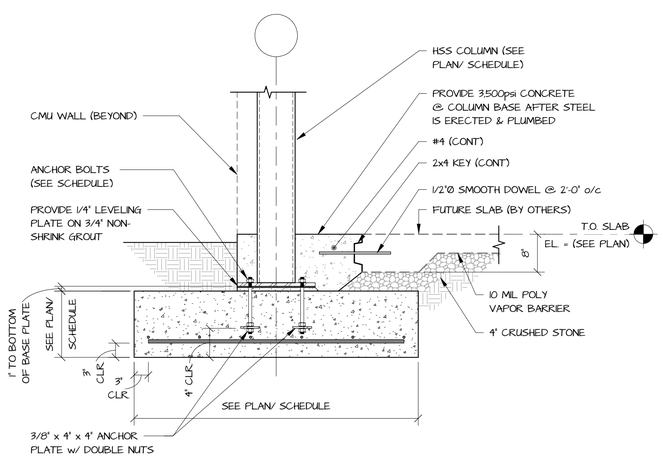


4" WALL 8" WALL 12" WALL

NON-BEARING STEEL & PRECAST CONCRETE LINTEL SCHEDULE

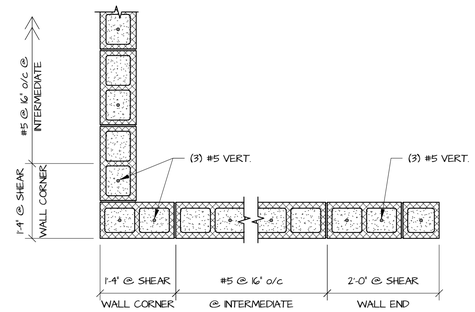
WIDTH OF OPENING	STEEL FOR EACH 4" OF WALL THICKNESS	PRECAST CONC. FOR EA 4" OF WALL THICKNESS
UP TO 2'-11"	L 3-1/2 x 3-1/2 x 5/16	(1) #4 TOP & BOTTOM
3'-0" TO 3'-11"	L 4 x 3-1/2 x 5/16	(1) #4 TOP & BOTTOM
4'-0" TO 5'-11"	L 5 x 3-1/2 x 5/16	(1) #4 TOP & BOTTOM
6'-0" TO 8'-0"	L 6 x 3-1/2 x 5/16	(1) #5 TOP & BOTTOM

NOTES:
1. ALL CONCRETE LINTELS SHALL BE 4000 PSI CONCRETE AT 28 DAYS WITH GRADE 60 REINFORCING.
2. ALL STEEL LINTELS SHALL BE ASTM A-36.
3. FILL CMU VOIDS SOLID (2) COURSES BELOW LINTEL BEARING.
4. ALL LINTELS SHALL HAVE 8" MINIMUM BEARING U.N.O.
5. LINTEL TYPE (STEEL OR PRECAST) IS THE CONTRACTOR'S OPTION UNLESS SPECIFICALLY NOTED ON THE DRAWINGS.



TYPICAL COLUMN FOOTING DETAIL

(AT HSS COLUMN)



TYPICAL SHEAR WALL 'SW1' PLAN DETAIL

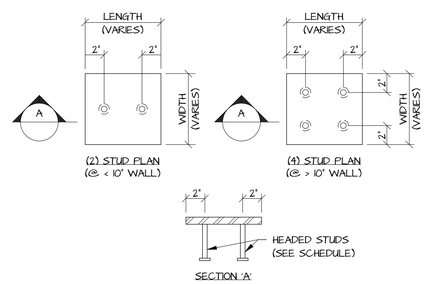
NOTES:
1. GROUT ALL CORES @ SHEARWALL LOCATIONS SOLID.

MASONRY SHEAR WALL SCHEDULE

MARK	WALL TYPE	VERTICAL REINFORCEMENT	HORIZONTAL REINFORCEMENT	NOTES
SW1	8" CMU (GROUTED SOLID)	INTERMEDIATE: #5 @ 16" o/c VERT. ENDS: (3) #5 VERT.	9GA. LADDER TYPE JOINT REINF. @ 8" o/c	SEE 'TYPICAL SHEAR WALL SW1 PLAN DETAIL'

STEEL LINTEL SCHEDULE

MARK	DESCRIPTION	SECTION
L1	(2) L5x3-1/2x5/16 (LLV)	JL



STEEL BEARING PLATE SCHEDULE

MARK	THICKNESS	WIDTH	LENGTH	HEADED STUDS
BP1	3/8"t.	7-1/2"	8"	(2) 1/2"Ø x 6"LG.
BP2	1/2"t.	7-1/2"	12"	(4) 1/2"Ø x 6"LG.
BP3	1/2"t.	7-1/2"	8"	(2) 1/2"Ø x 6"LG.

STEEL REINFORCEMENT LAP SCHEDULE

BAR SIZE	PRESSURE
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"

WALL FOOTING SCHEDULE

MARK	DIMENSIONS		REINFORCING		REMARKS
	WIDTH	THICKNESS	LONGITUDINAL	TRANSVERSE	
F26/2	2' - 6"	1' - 0"	3 - #4	#4 @ 12"	
F36/2	3' - 6"	1' - 0"	4 - #5	#4 @ 12"	

COLUMN FOOTING SCHEDULE

MARK	DIMENSIONS			REINFORCING	REMARKS
	WIDTH	LENGTH	THICKNESS		
F30	3' - 0"	3' - 0"	1' - 0"	(3) #5 EWB.	
F30A	3' - 0"	3' - 0"	1' - 4"	(3) #5 EWB.	
F40	4' - 0"	4' - 0"	1' - 0"	(4) #5 EWB.	

STEEL COLUMN SCHEDULE

MARK	SIZE	BASE PLATE	ANCHOR BOLTS	BOLT GRADE (F1554)	REMARKS
C1	HSS5X5X3/8	11" x 11 x 3/4"	(4) 3/4"Ø		
C2	HSS6X6X5/16				

CONCRETE PIER SCHEDULE

MARK	DIMENSIONS		REINFORCING		REMARKS
	WIDTH	LENGTH	VERTICAL	TIES	
P1	1' - 6"	1' - 6"	(6) #5 VERT.	#3 @ 12" o/c	

RAIN LOAD DESIGN CRITERIA

2023 FLORIDA BUILDING CODE (8th EDITION)

ITEM	VALUE
RAIN INTENSITY	4.5 IN/HR
DEPTH OF WATER TO INLET OF SCUPPER	4"
DESIGN RAIN LOAD	24.5 PSF

SNOW LOAD DESIGN CRITERIA

2023 FLORIDA BUILDING CODE (8th EDITION)

ITEM	SYMBOL	VALUE
GROUND SNOW LOAD	P_G	0 PSF
RISK CATEGORY	-	II
EXPOSURE FACTOR	C_E	1.0
IMPORTANCE FACTOR	I	1.0
THERMAL FACTOR	C_T	1.0
FLAT-ROOF SNOW LOAD (CALCULATED)	P_F	0 PSF
FLAT-ROOF SNOW LOAD (MIN.)	P_F	0 PSF

NOTES:
1. CALCULATED FLAT ROOF SNOW LOAD ONLY TO BE UTILIZED WHEN IN COMBINATION w/ SNOW DRIFT LOADING.

DESIGN LOAD SCHEDULE (psf)

DEAD LOAD COMPONENT \ LOCATION	SLAB ON GRADE	ROOF
4" CONCRETE SLAB ON GRADE	50	
ROOFING & INSULATION		8
FRAMING		6
CEILING		2
COLLATERAL		4
MECHANICAL		5
TOTAL DEAD LOAD	50	25
TOTAL LIVE LOAD	100	20
TOTAL LOAD	150	45

WIND LOAD DESIGN CRITERIA

2023 FLORIDA BUILDING CODE (8th EDITION)

ITEM	SYMBOL	VALUE
ULTIMATE WIND SPEED	V_{ULT}	141 MPH
ALLOWABLE WIND SPEED	V_{ASD}	109 MPH
RISK CATEGORY	-	II
WIND EXPOSURE CATEGORY	-	C
INTERNAL PRESSURE COEFFICIENT	GC_{Pi}	± 0.18
LOAD DUE TO WIND PRESSURE ON MAIN - WINDFORCE - RESISTING SYSTEM	-	22 PSF (ULT)
(MAX) DESIGN BASE SHEAR	-	26 KIPS

SEISMIC LOAD DESIGN CRITERIA

2023 FLORIDA BUILDING CODE (8th EDITION)

ITEM	SYMBOL	VALUE
SITE CLASS	-	D
SPECTRAL RESPONSE ACCELERATION (0.2 SEC.)		
MAPPED	S_S	0.053
DESIGN	S_{DS}	0.057
SPECTRAL RESPONSE ACCELERATION (1 SEC.)		
MAPPED	S_1	0.029
DESIGN	S_{D1}	0.047
RISK CATEGORY		II
IMPORTANCE FACTOR	I_E	1.0
SEISMIC DESIGN CATEGORY	-	A
ANALYSIS PROCEDURE	-	EQUIVALENT LATERAL FORCE
SEISMIC FORCE RESISTING SYSTEM	-	GRD. REINF. MASONRY SHEAR WALLS
RESPONSE MOD. FACTOR	R	2
SEISMIC RESPONSE COEFFICIENT	C_S	0.029
DESIGN BASE SHEAR	V	2.0 K

COMPONENT & CLADDING WIND PRESSURES

LOCATION	PRESSURE
ROOF - FIELD	24 PSF
ROOF - EDGE	33 PSF
ROOF - CORNER	53 PSF
WALL - FIELD	29 PSF
WALL - CORNER	68 PSF

NOTES:
1. DESIGN WIND PRESSURES CALCULATED UTILIZING 2023 FLORIDA BUILDING CODE (8th EDITION).
2. DESIGN WIND PRESSURES SHOWN ARE BASED ON ALLOWABLE STRESS DESIGN.

This item has been electronically signed and sealed by James R. Baker, PE using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

PILOTTOWN ENGINEERING
17585 NASSAU COMMONS BLVD.
UNIT 3 | LEWES, DE 19958
PHONE: 302-703-1770

JOB NUMBER: 143.046
CONTACT: J. BAKER

THIS DOCUMENT IS THE SOLE PROPERTY OF PILOTTOWN ENGINEERING AND MAY NOT BE REPRODUCED IN ANY FORM FOR THE PURPOSE OF SHOP DRAWING PREPARATION WITHOUT THE PRIOR WRITTEN PERMISSION OF PILOTTOWN ENGINEERING

FOR CONSTRUCTION - FINAL PERMIT SET - 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

JAMES R. BAKER LICENSE No. 88137 STATE OF FLORIDA PROFESSIONAL ENGINEER
12/05/23

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #: 69057
PROJECT #: 94787-001
ISSUE DATE: 11-22-2023
SR. DESIGN MANAGER: L. ALVAREZ-TABIO
PRODUCTION DESIGNER: L. LA SPIA
CHECKED BY: NORR

Revision Schedule

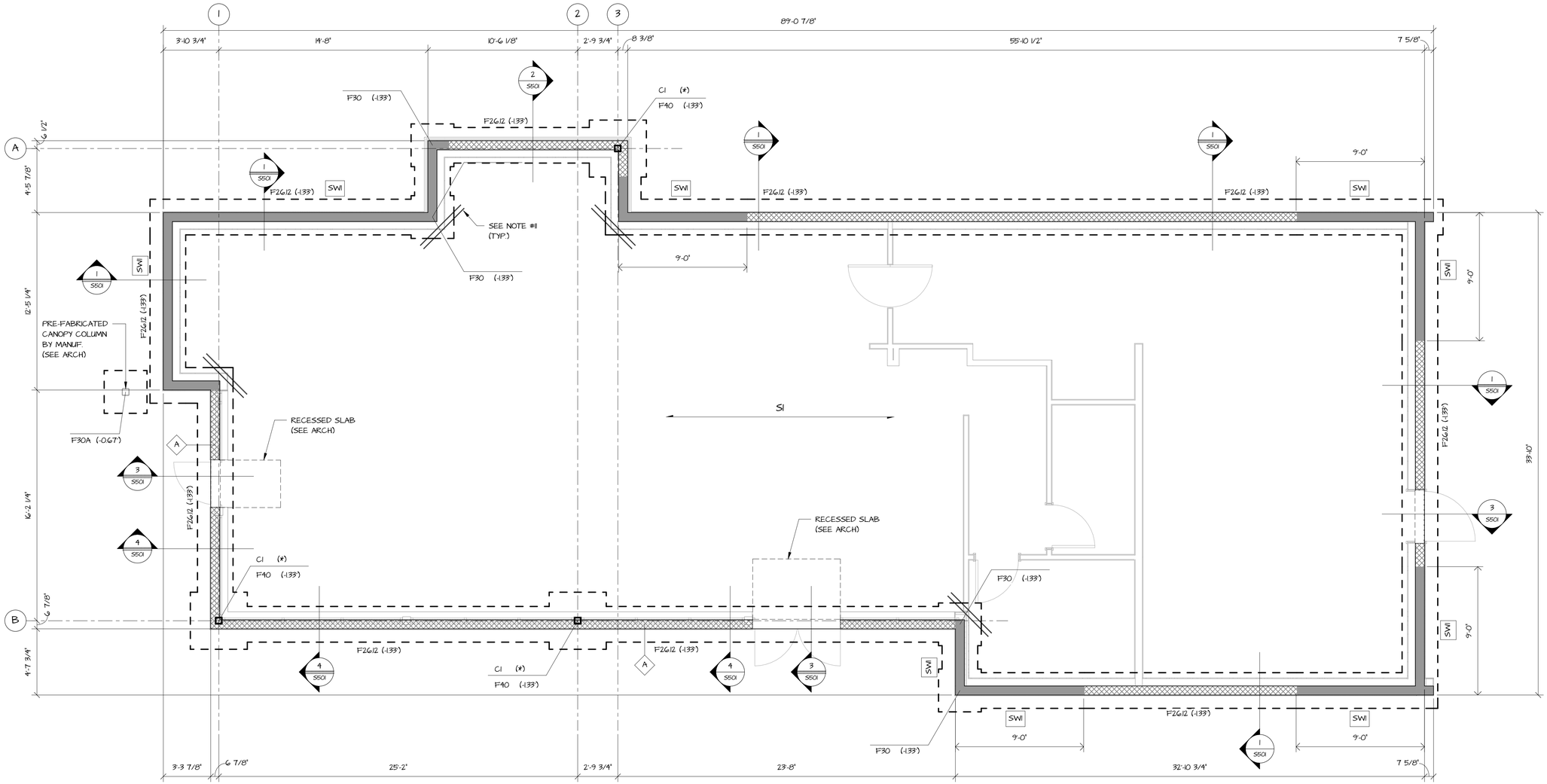
Rev	Date	By	Description

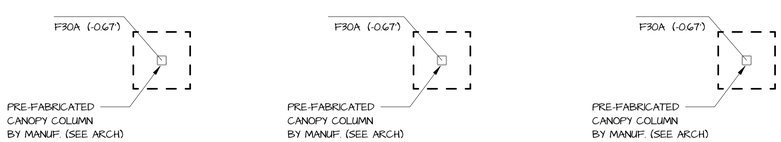
SHEET TITLE:
PROJECT SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
S003

12/6/2023 8:29:52 AM BIM 360://143.046 - Florida Big Bend Starbucks/143046 - R21 - FL Big Bend & Summerfield Crossing - S.rvt





1 S101 FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

NOTES:

1. TOP OF SLAB EL. = DATUM EL. (0.00') UNLESS NOTED OTHERWISE THUS (...).
2. SEE PLAN FOR TOP OF FOOTING ELEVATION BELOW DATUM ELEVATION.
3. (*) INDICATES STEEL COLUMN TO BEAR ON TOP OF FOOTING. SEE TYPICAL COLUMN @ FOOTING DETAIL ON DRAWING S003.
4. 'TS' INDICATES THICKENED SLAB. SEE TYPICAL DETAIL FOR ADDITIONAL INFORMATION.
5. 'SP' INDICATES STEPPED FOOTING. SEE TYPICAL DETAIL FOR ADDITIONAL INFORMATION.
6. 'TDS' INDICATES TURNED DOWN SLAB. SEE TYPICAL DETAIL FOR ADDITIONAL INFORMATION.
7. 'S.../D...' INDICATES FLOOR/ ROOF CONSTRUCTION. SEE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
8. COORDINATE ALL UNDER SLAB PIPING WITH ARCHITECTURAL/ MECHANICAL DRAWINGS.
9. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO BUILDING LAYOUT.
10. 'SL' INDICATES SLOPE.
11. PROVIDE (2) #4 x 4'-0"LG. CONCRETE CORNER BARS IN SLAB.
12. 'FD' INDICATES FLOOR DRAIN. COORDINATE SIZE & LOCATION w/ ARCH. & MEP DRAWINGS.
13. 'SW...' INDICATES SHEARWALL. SEE SCHEDULE FOR ADDITIONAL INFORMATION.
14. INDICATES SHEARWALL LOCATION.

WALL SCHEDULE

MARK	DESCRIPTION	WIDTH
A	8" CMU w/ #5 @ 16" o/c VERT.	7 5/8"

SLAB/ DECK CONSTRUCTION SCHEDULE

MARK	SECTION	DESCRIPTION
S1		4" CONCRETE SLAB ON GRADE w/ 6x6-W1.4xW1.4 WWF OVER 4" CRUSHED STONE w/ 10 MIL. POLY VAPOR BARRIER.
S1A		4" CONCRETE (w/ 6% AIR ENTRAINMENT) SLAB ON GRADE w/ 6x6-W1.4xW1.4 WWF OVER 4" CRUSHED STONE.
D1		1-1/2" 20GA. TYPE 'B' WIDE RIB METAL ROOF DECK (PAINTED)

This item has been electronically signed and sealed by James R. Baker, PE using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

PILOTTOWN ENGINEERING
17585 NASSAU COMMONS BLVD.
UNIT 3 | LEWES, DE 19958
PHONE: 302-703-1770

JOB NUMBER: 143.046
CONTACT: J. BAKER

THIS DOCUMENT IS THE SOLE PROPERTY OF PILOTTOWN ENGINEERING AND MAY NOT BE REPRODUCED IN ANY FORM FOR THE PURPOSE OF SHOP DRAWING PREPARATION WITHOUT THE PRIOR WRITTEN PERMISSION OF PILOTTOWN ENGINEERING

FOR CONSTRUCTION - FINAL PERMIT SET - 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

JAMES R. BAKER LICENSE No. 88137 STATE OF FLORIDA PROFESSIONAL ENGINEER
12/05/23

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #: 69057
PROJECT #: 94787-001
ISSUE DATE: 11-22-2023
SR. DESIGN MANAGER: L. ALVAREZ-TABIO
PRODUCTION DESIGNER: L. LA SPIA
CHECKED BY: NORR

Revision Schedule

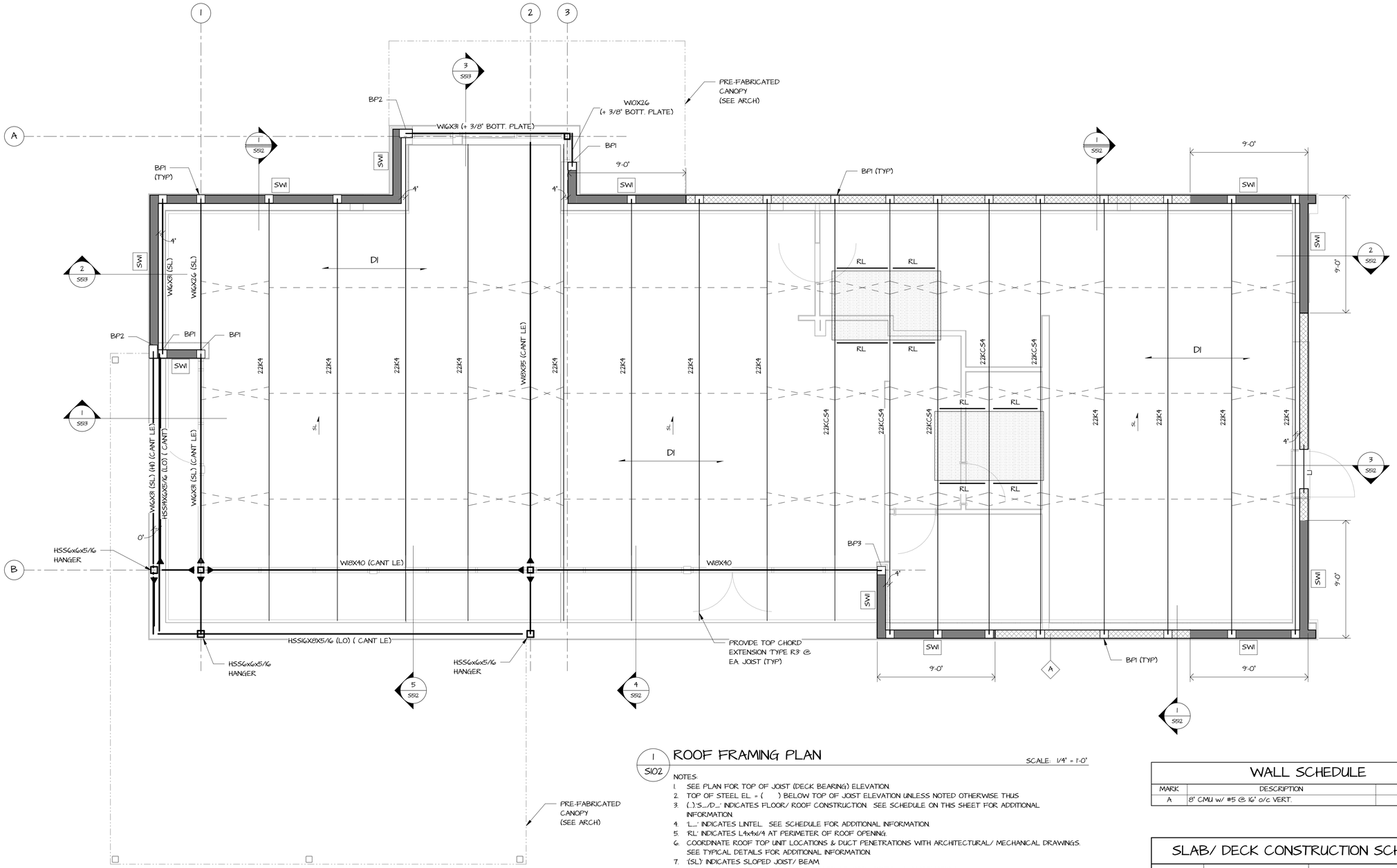
Rev	Date	By	Description

SHEET TITLE:
FOUNDATION PLAN

SCALE: AS SHOWN

SHEET NUMBER:
S101

12/6/2023 8:29:52 AM BIM 360://143.046 - Florida Big Bend Starbucks/1143046 - R21 - FL Big Bend & Summerfield Crossing - S.rvt



1 / S102 ROOF FRAMING PLAN

SCALE: 1/4" = 1'-0"

NOTES:

1. SEE PLAN FOR TOP OF JOIST (DECK BEARING) ELEVATION.
2. TOP OF STEEL EL. = ( ) BELOW TOP OF JOIST ELEVATION UNLESS NOTED OTHERWISE THUS.
3. (..) S.../D...' INDICATES FLOOR/ ROOF CONSTRUCTION. SEE SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
4. 'L...' INDICATES LINTEL. SEE SCHEDULE FOR ADDITIONAL INFORMATION.
5. 'RL' INDICATES L4x4x1/4 AT PERIMETER OF ROOF OPENING.
6. COORDINATE ROOF TOP UNIT LOCATIONS & DUCT PENETRATIONS WITH ARCHITECTURAL/ MECHANICAL DRAWINGS. SEE TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
7. '(SL)' INDICATES SLOPED JOIST/ BEAM.
8. 'SW...' INDICATES SHEARWALL. SEE SCHEDULE FOR ADDITIONAL INFORMATION.
9. ▭ INDICATES SHEARWALL LOCATION.
10. 'BP...' INDICATES BEARING PLATE. SEE SCHEDULE FOR ADDITIONAL INFORMATION.
11. 'CANT. LE' INDICATES CANTILEVER LEFT END.
12. ALL STEEL FOR WF MEMBERS SHALL BE ASTM A992.
13. ▶— INDICATES BEAM TO BEAM OR BEAM TO COLUMN CONNECTION TO DEVELOP THE FULL MOMENT CAPACITY OF THE BEAM FLANGE IN ADDITION TO THE STANDARD FULL DEPTH CONNECTION.

WALL SCHEDULE

MARK	DESCRIPTION	WIDTH
A	8" CMU w/ #5 @ 16" o/c VERT.	7 5/8"

SLAB/ DECK CONSTRUCTION SCHEDULE

MARK	SECTION	DESCRIPTION
S1		4" CONCRETE SLAB ON GRADE w/ 6x6-W1.4xW1.4 WWF OVER 4" CRUSHED STONE w/ 10 MIL POLY VAPOR BARRIER
S1A		4" CONCRETE (w/ 6% AIR ENTRAINMENT) SLAB ON GRADE w/ 6x6-W1.4xW1.4 WWF OVER 4" CRUSHED STONE
D1		1-1/2" 20GA. TYPE 'B' WIDE RIB METAL ROOF DECK (PAINTED)

This item has been electronically signed and sealed by James R. Baker, PE using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

PILOTTOWN ENGINEERING
17585 NASSAU COMMONS BLVD.
UNIT 3 | LEWES, DE 19958
PHONE: 302-703-1770

JOB NUMBER: 143.046
CONTACT: J. BAKER

THIS DOCUMENT IS THE SOLE PROPERTY OF PILOTTOWN ENGINEERING AND MAY NOT BE REPRODUCED IN ANY FORM FOR THE PURPOSE OF SHOP DRAWING PREPARATION WITHOUT THE PRIOR WRITTEN PERMISSION OF PILOTTOWN ENGINEERING

FOR CONSTRUCTION - FINAL PERMIT SET - 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

JAMES R. BAKER LICENSE No. 88137 STATE OF FLORIDA PROFESSIONAL ENGINEER
12/05/23

PROJECT NAME: BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS: 10754 BIG BEND RD RIVERVIEW, FL 33579 HILLSBOROUGH COUNTY

STORE #: 69057
PROJECT #: 94787-001
ISSUE DATE: 11-22-2023
SR. DESIGN MANAGER: L. ALVAREZ-TABIO
PRODUCTION DESIGNER: L. LA SPIA
CHECKED BY: NORR

Revision Schedule

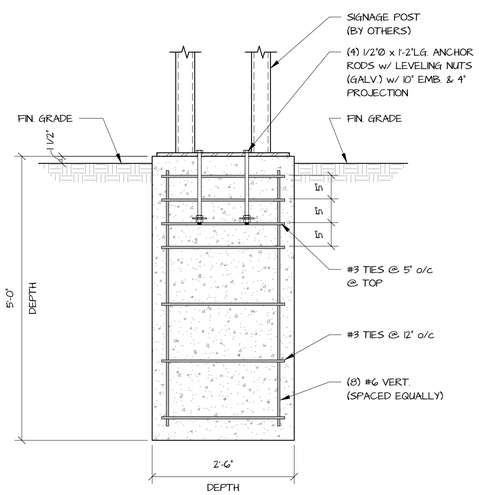
Rev	Date	By	Description

SHEET TITLE: ROOF FRAMING PLAN

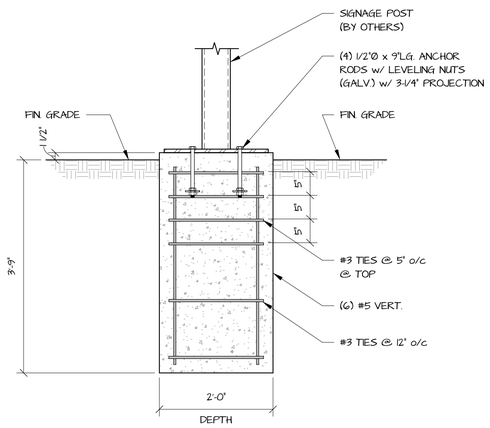
SCALE: AS SHOWN

SHEET NUMBER: S102

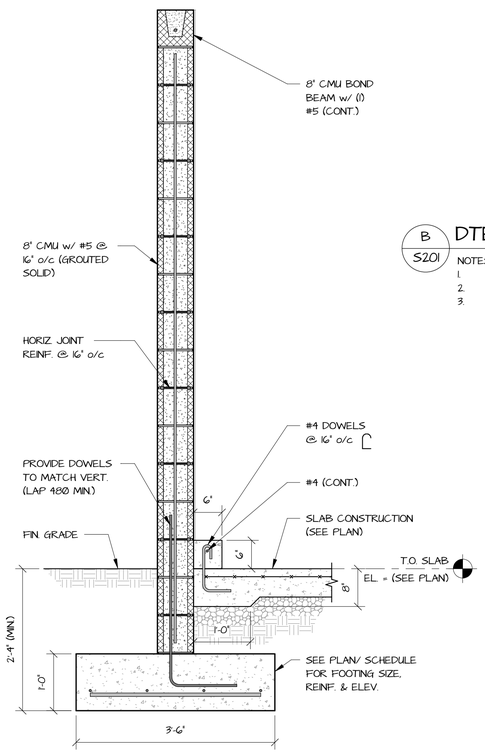
12/6/2023 8:29:53 AM BIM 360://143.046 - Florida Big Bend Starbucks/143046 - R21 - FL Big Bend & Summerfield Crossing - S.rvt



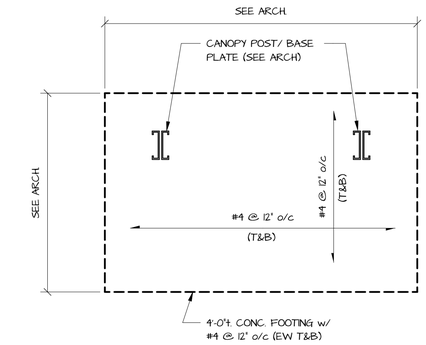
DT 5-PANEL MENU BOARD FOUNDATION DETAIL



DTE PRE-MENU FOUNDATION DETAIL



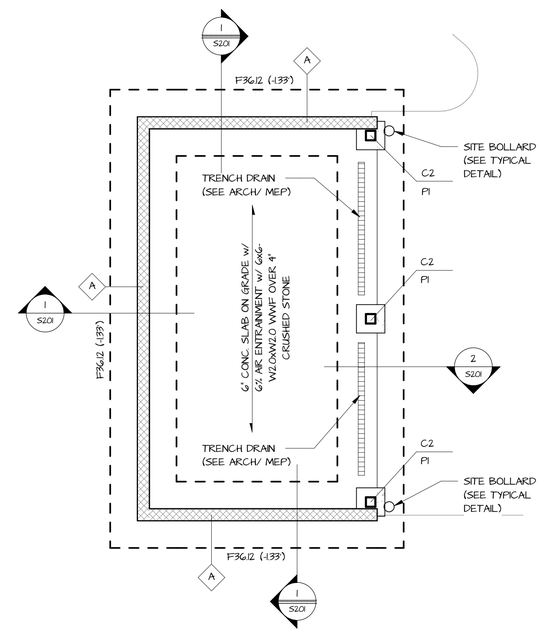
SECTION 1/S201

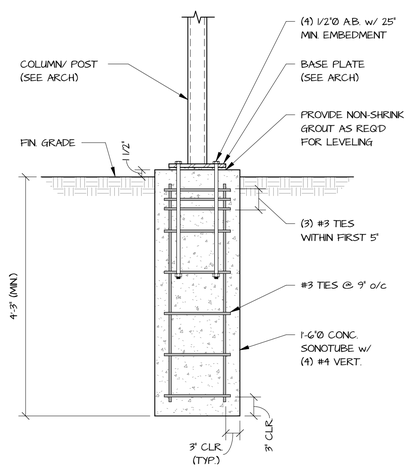


B/S201 DTE DOS CANOPY FOUNDATION DETAIL

SCALE: 3/4" = 1'-0"

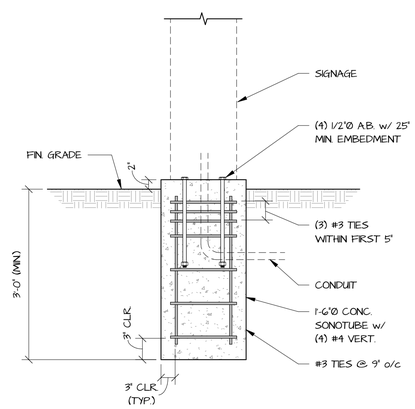
NOTES:
1. PROVIDE 4'-0" DEEP CONCRETE FOOTING.
2. COORDINATE POST/ BASE PLATE'S/ ANCHOR BOLTS w/ ARCH'L DWGS.
3. PROVIDE (8) 1/2"Ø x 10" LG. ANCHOR RODS w/ LEVELING NUTS (GALV.) w/ 6" MIN. EMBEDMENT & 4" PROJECTION.





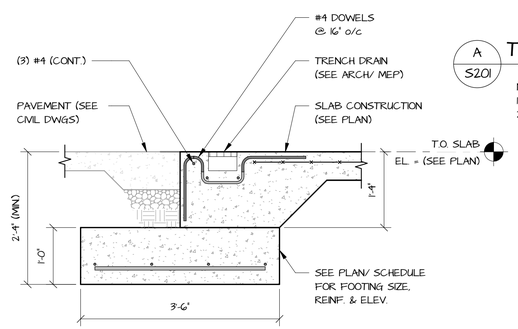
FOUNDATION DETAIL @ DTE CLEARANCE BAR

(REF. DETAIL 1/A005)



FOUNDATION DETAIL @ EXIT SIGNAGE, ARROW & LOGO SIGNAGE

REFERENCE DETAILS 5/A005 & 8/A005)



SECTION 2/S201

A/S201 T.O. SLAB - TRASH ENCLOSURE

SCALE: 1/4" = 1'-0"

NOTES:
1. SEE PLAN FOR T.O. FOOTING ELEVATION.
2. T.O. PIER ELEVATION = (-0.67') BELOW T.O. SLAB.

This item has been electronically signed and sealed by James R. Baker, PE using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

PILOTTOWN ENGINEERING
17585 NASSAU COMMONS BLVD.
UNIT 3 | LEWES, DE 19958
PHONE: 302-703-1770

JOB NUMBER: 143.046
CONTACT: J. BAKER

THIS DOCUMENT IS THE SOLE PROPERTY OF PILOTTOWN ENGINEERING AND MAY NOT BE REPRODUCED IN ANY FORM FOR THE PURPOSE OF SHOP DRAWING PREPARATION WITHOUT THE PRIOR WRITTEN PERMISSION OF PILOTTOWN ENGINEERING

FOR CONSTRUCTION - FINAL PERMIT SET - 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

JAMES R. BAKER LICENSE No. 88137 STATE OF FLORIDA PROFESSIONAL ENGINEER
12/05/23

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	11-22-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

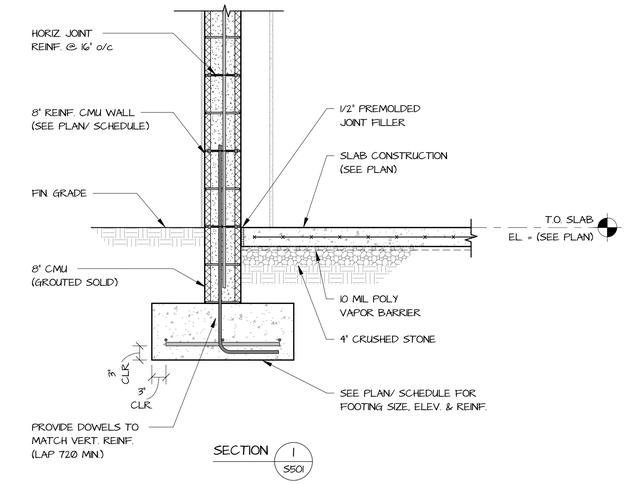
Revision Schedule

Rev	Date	By	Description

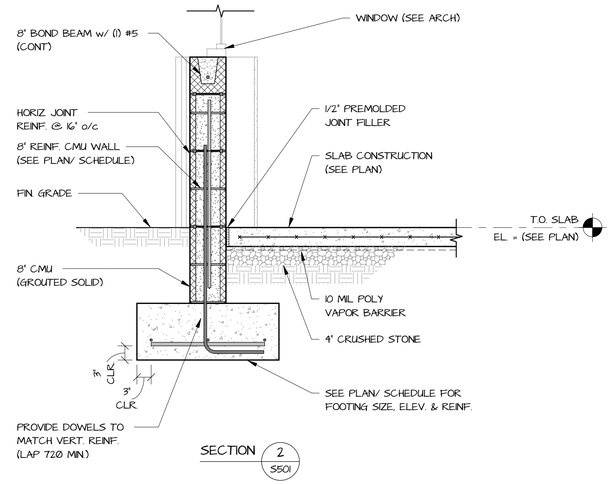
SHEET TITLE:
TRASH ENCLOSURE PLANS & DETAILS
SCALE: AS SHOWN

SHEET NUMBER:
S201

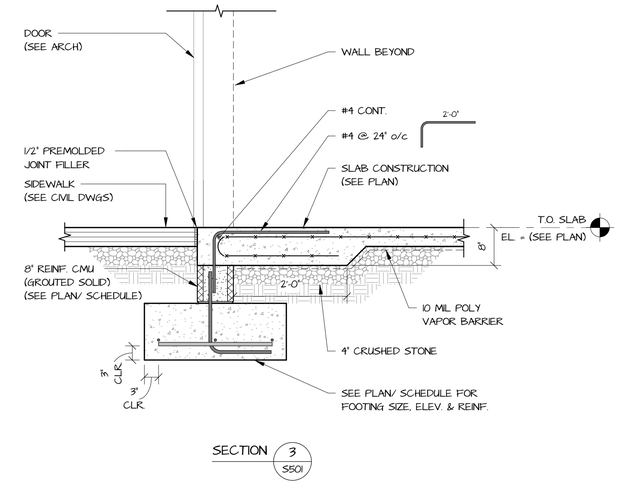
BIM 360://143.046 - Florida Big Bend Starbucks/143046 - R21 - FL Big Bend & Summerfield Crossing - S.rvt
12/6/2023 8:29:53 AM



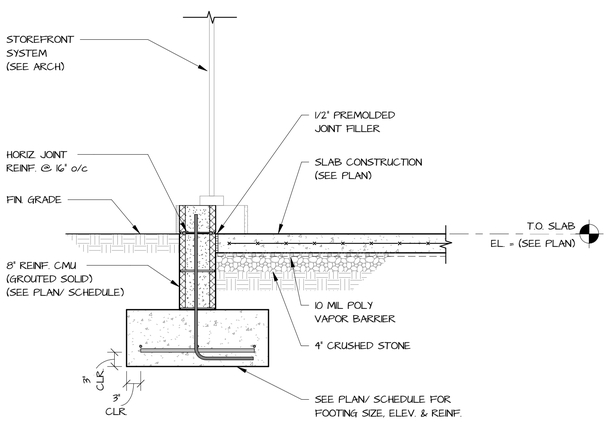
SECTION 1 / S501



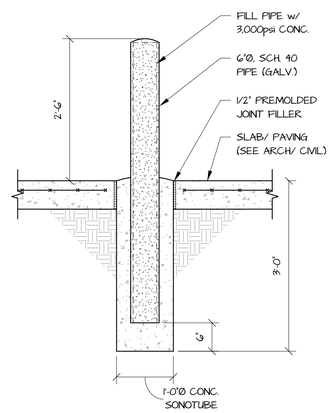
SECTION 2 / S501



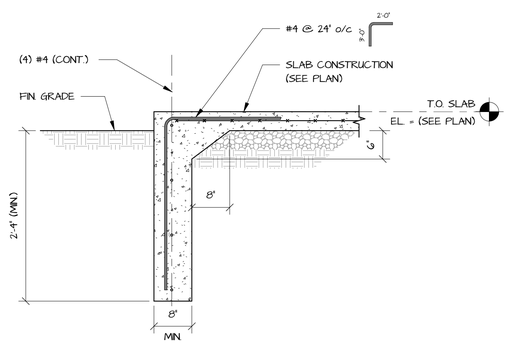
SECTION 3 / S501



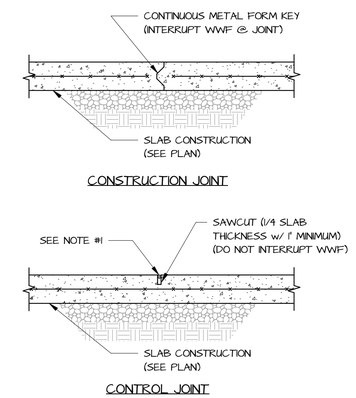
SECTION 4 / S501



TYPICAL SITE BOLLARD DETAIL



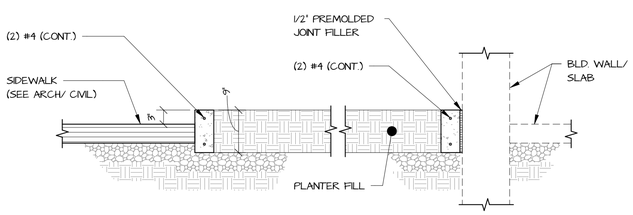
TYPICAL TURNED DOWN SLAB DETAIL



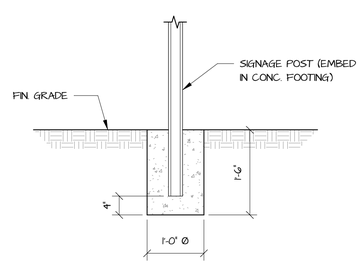
TYPICAL SLAB ON GRADE JOINT DETAILS

NOTES:

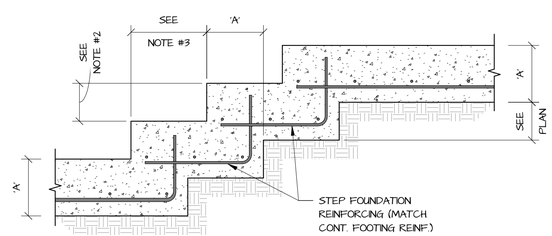
1. PROVIDE SEMI-RIGID FILLER @ HIGH VEHICLE TRAFFIC AREAS.
2. CONSTRUCTION JOINTS & CONTROL JOINTS SHALL CREATE PANELS OF 225sq-ft (MAX.), LENGTH TO WIDTH RATIO NOT TO EXCEED 1-1/2 : 1.
3. SAWCUT INTERIOR SLABS WITHIN 24 HOURS OF CONCRETE POUR. SAWCUT EXTERIOR SLABS WITHIN 12 HOURS OF CONCRETE POUR OR COVER TO PREVENT EXCESSIVE MOISTURE EVAPORATION.



TYPICAL BUILDING PERIMETER PLANTER DETAIL



PARKING SIGN FOUNDATION DETAIL



TYPICAL STEPPED FOOTING DETAIL

NOTES:

1. 'A' INDICATES FOOTING THICKNESS. (SEE PLAN/ SCHEDULE).
2. SEE PLAN FOR FOOTING STEP HEIGHT (MAX 24").
3. DIMENSION = 2 TIMES STEP HEIGHT.

This item has been electronically signed and sealed by James R. Baker, PE using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

PILOTTOWN
ENGINEERING
17585 NASSAU COMMONS BLVD.
UNIT 3 | LEWES, DE 19958
PHONE: 302-703-1770

JOB NUMBER: 143.046
CONTACT: J. BAKER

THIS DOCUMENT IS THE SOLE PROPERTY OF PILOTTOWN ENGINEERING AND MAY NOT BE REPRODUCED IN ANY FORM FOR THE PURPOSE OF SHOP DRAWING PREPARATION WITHOUT THE PRIOR WRITTEN PERMISSION OF PILOTTOWN ENGINEERING

FOR CONSTRUCTION - FINAL PERMIT SET - 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

JAMES R. BAKER LICENSE No. 88137 STATE OF FLORIDA PROFESSIONAL ENGINEER
12/05/23

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	11-22-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

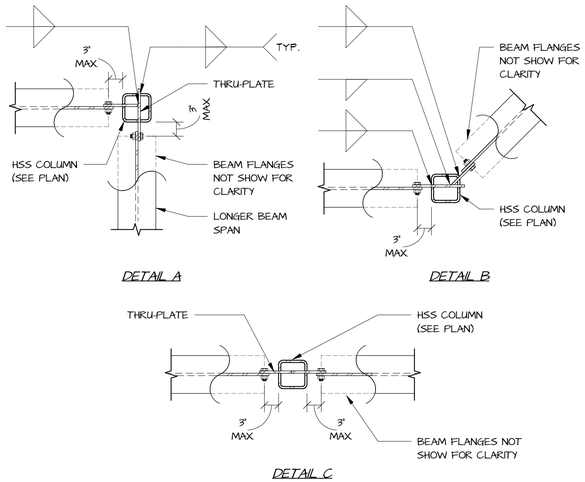
Revision Schedule

Rev	Date	By	Description

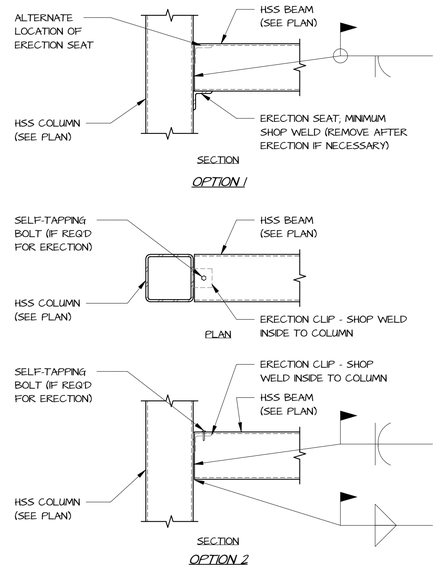
SHEET TITLE:
TYPICAL FOUNDATION DETAILS AND SECTIONS
SCALE: AS SHOWN

SHEET NUMBER:
S501

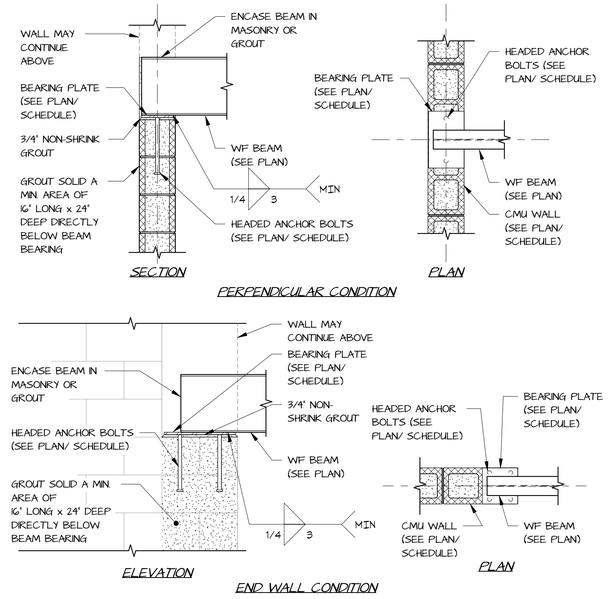
12/6/2023 8:29:54 AM BIM 360://143.046 - Florida Big Bend Starbucks/143046 - R21 - FL Big Bend & Summerfield Crossing - S.rvt



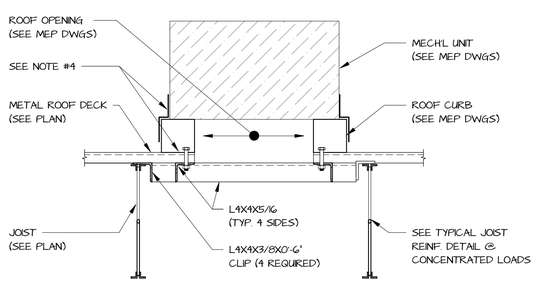
TYPICAL BEAM TO HSS COLUMN CONNECTION



TYPICAL HSS BEAM TO HSS COLUMN CONNECTION



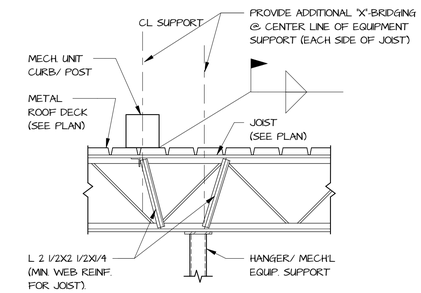
TYPICAL BEAM BEARING ON CMU WALL DETAIL



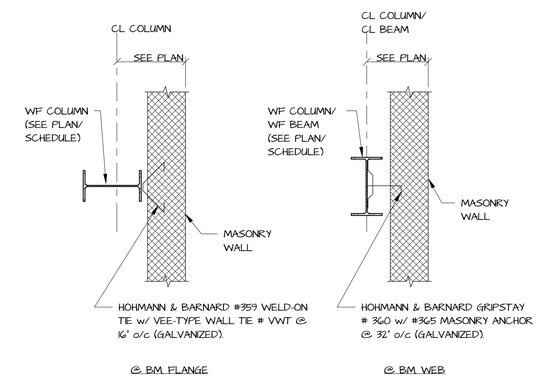
TYPICAL ROOF CURB SUPPORT DETAIL @ MECH'L UNIT

NOTES:

1. LOCATE SUPPORT L'S @ PERIMETER OF ROOFTOP MECHANICAL UNITS/CURBS.
2. LOCATE SUPPORT L'S @ ROOF OPENING GREATER THAN 12" SQUARE.
3. PROVIDE L3 x 3 x 5/16 SUPPORT ANGLES @ ROOF SUMPS.
4. MECHANICAL CONTRACTOR TO PROVIDE UNIT AND CURB ATTACHMENT CAPABLE OF SUPPORTING WIND PARAMETERS ON DRAWING S003. SUBMIT PROPOSED ATTACHMENT TO ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

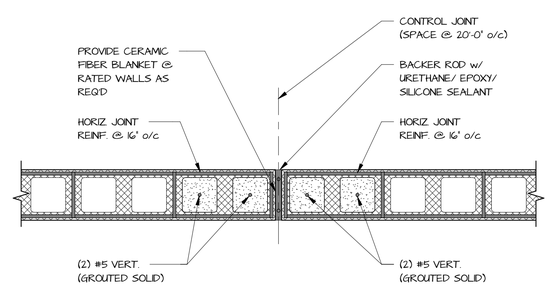


TYPICAL JOIST REINFORCING DETAIL @ CONCENTRATED LOAD



TYPICAL WALL ANCHOR DETAILS

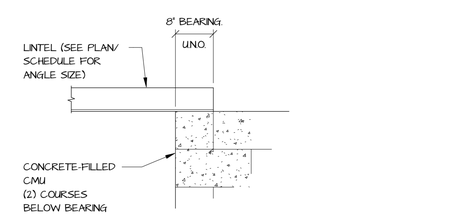
(SEE ARCH DWGS. FOR LOCATION OF MASONRY WALLS)



TYPICAL MASONRY WALL CONTROL JOINT DETAIL

NOTES:

1. COORDINATE MASONRY CONTROL LOCATIONS WITH ARCHITECTURAL DRAWINGS.



TYPICAL LINTEL BEARING DETAILS

This item has been electronically signed and sealed by James R. Baker, PE using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

PILOTTOWN ENGINEERING
17585 NASSAU COMMONS BLVD.
UNIT 3 | LEWES, DE 19958
PHONE: 302-703-1770

JOB NUMBER: 143.046
CONTACT: J. BAKER

THIS DOCUMENT IS THE SOLE PROPERTY OF PILOTTOWN ENGINEERING AND MAY NOT BE REPRODUCED IN ANY FORM FOR THE PURPOSE OF SHOP DRAWING PREPARATION WITHOUT THE PRIOR WRITTEN PERMISSION OF PILOTTOWN ENGINEERING

FOR CONSTRUCTION - FINAL PERMIT SET - 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

JAMES R. BAKER LICENSE No. 88137 STATE OF FLORIDA PROFESSIONAL ENGINEER
12/05/23

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	11-22-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

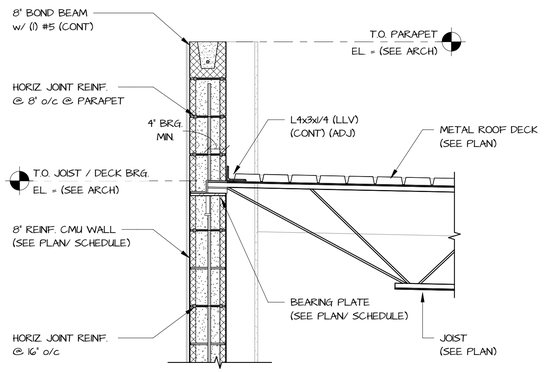
Revision Schedule

Rev	Date	By	Description

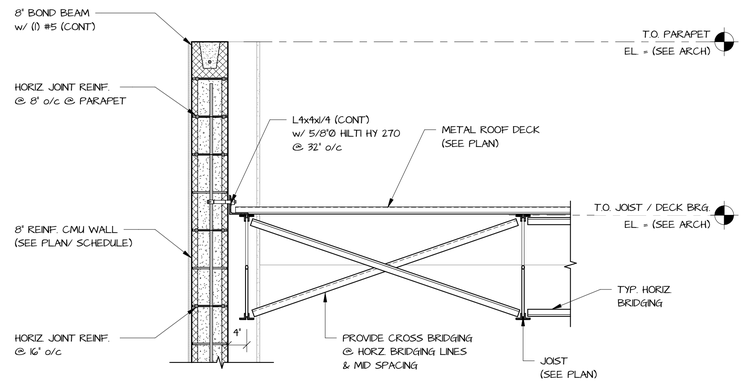
SHEET TITLE:
TYPICAL FRAMING DETAILS
SCALE: AS SHOWN

SHEET NUMBER:
S511

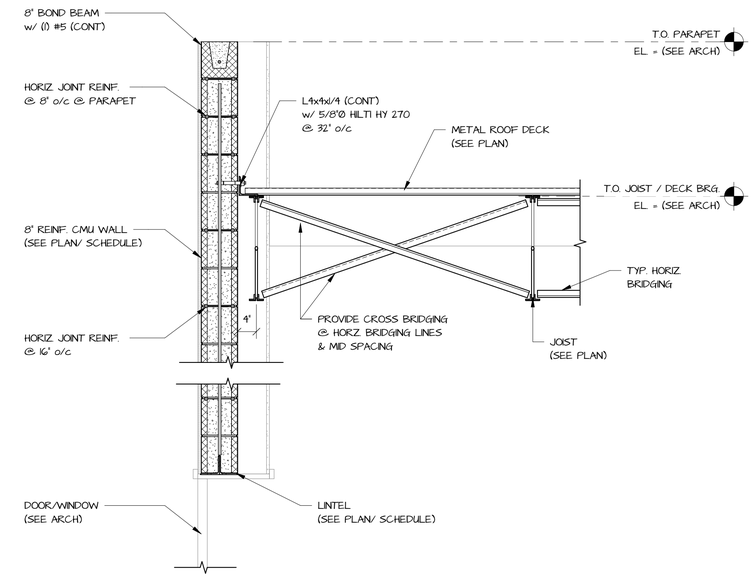
12/6/2023 8:29:54 AM BIM 360://143.046 - Florida Big Bend Starbucks/143046 - R21 - FL Big Bend & Summerfield Crossing - S.rvt



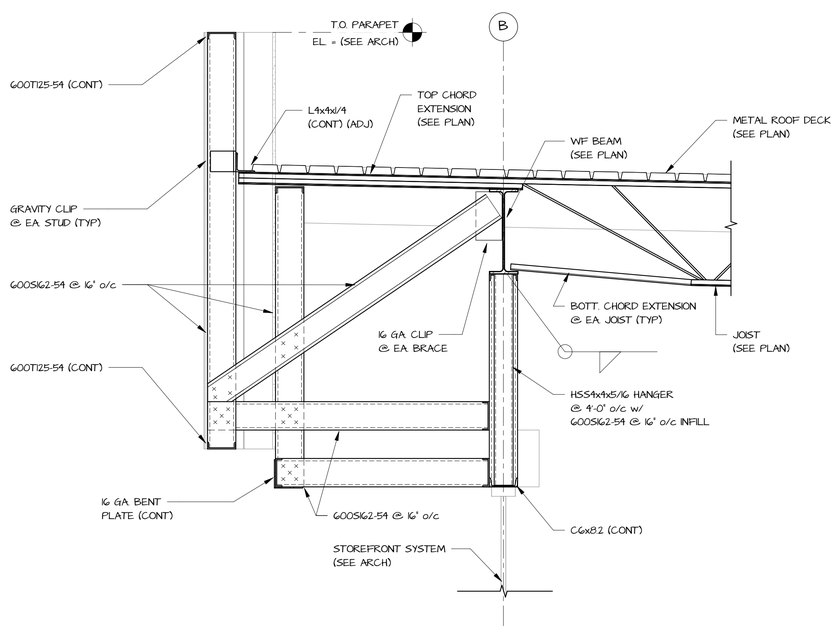
SECTION 1 / S512



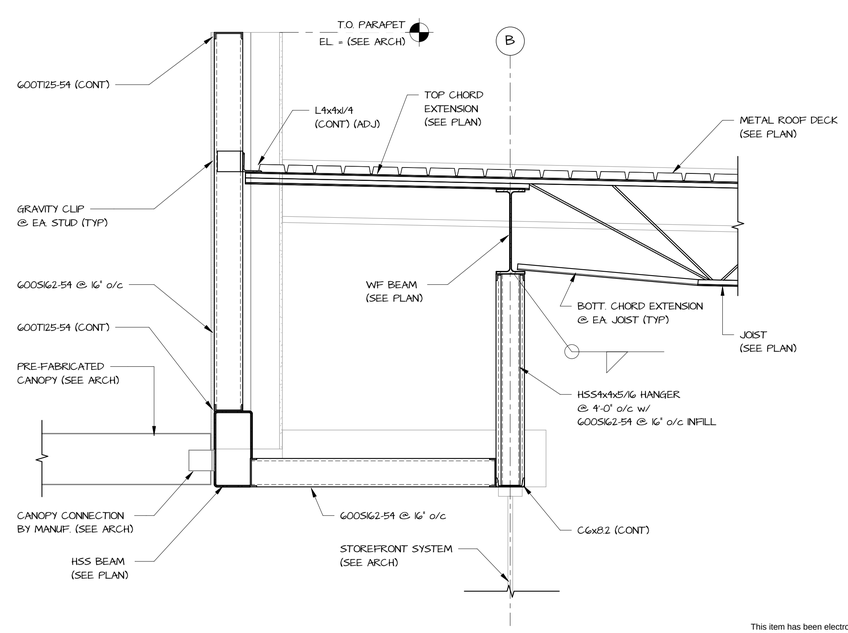
SECTION 2 / S512



SECTION 3 / S512



SECTION 4 / S512



SECTION 5 / S512

This item has been electronically signed and sealed by James R. Baker, PE using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

PILOTTOWN
ENGINEERING
17585 NASSAU COMMONS BLVD.
UNIT 3 | LEWES, DE 19958
PHONE: 302-703-1770

JOB NUMBER: 143.046
CONTACT: J. BAKER

THIS DOCUMENT IS THE SOLE PROPERTY OF PILOTTOWN ENGINEERING AND MAY NOT BE REPRODUCED IN ANY FORM FOR THE PURPOSE OF SHOP DRAWING PREPARATION WITHOUT THE PRIOR WRITTEN PERMISSION OF PILOTTOWN ENGINEERING

FOR CONSTRUCTION - FINAL PERMIT SET - 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

JAMES R. BAKER
LICENSE
No. 88137
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
12/05/23

PROJECT NAME:
BIG BEND &
SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	11-22-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

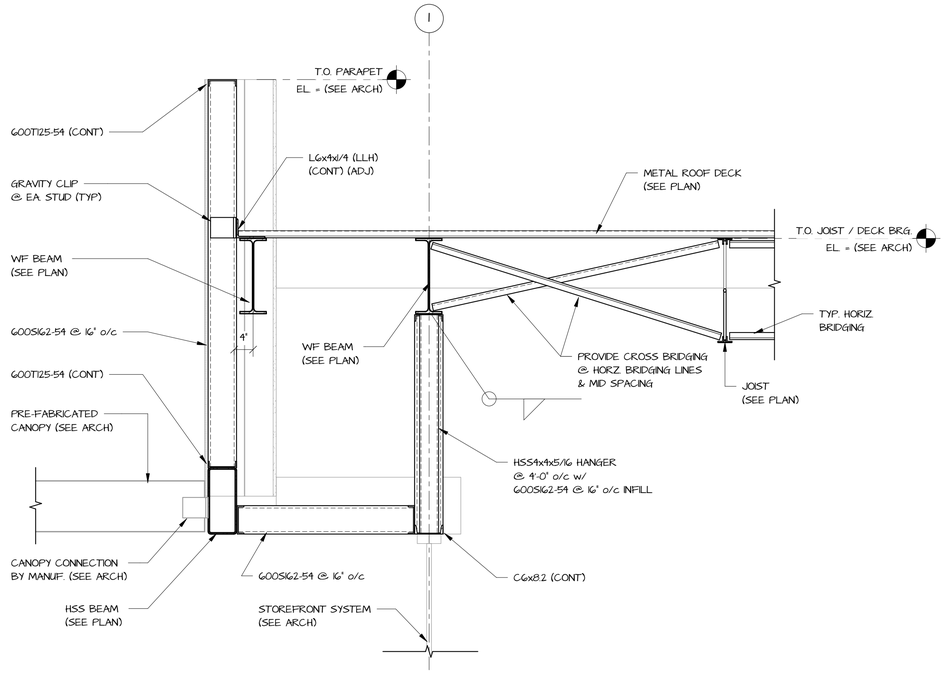
Revision Schedule

Rev	Date	By	Description

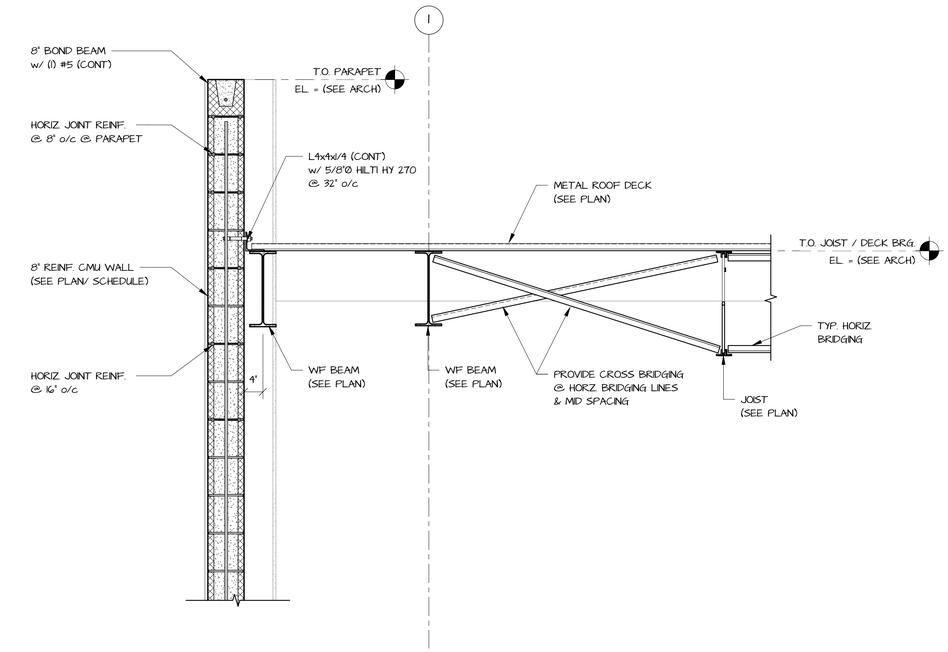
SHEET TITLE:
FRAMING SECTIONS
AND DETAILS
SCALE: AS SHOWN

SHEET NUMBER:
S512

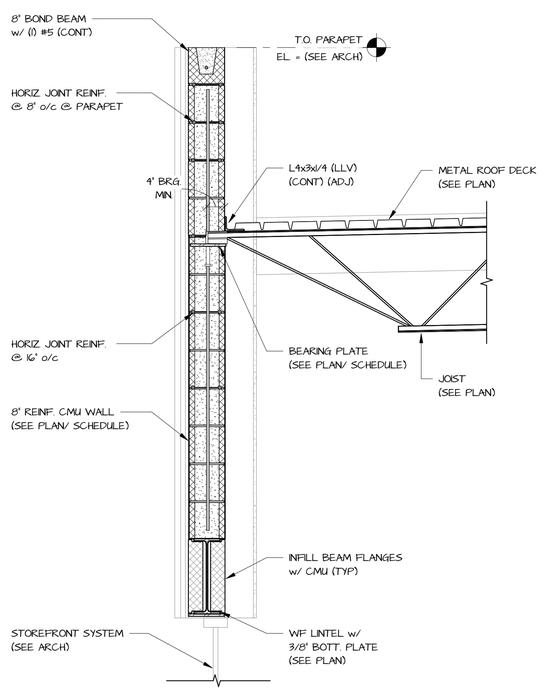
12/6/2023 8:29:55 AM BIM 360://143.046 - Florida Big Bend Starbucks/1143046 - R21 - FL Big Bend & Summerfield Crossing - S.rvt



SECTION 1 / S513



SECTION 2 / S513



SECTION 3 / S513

This item has been electronically signed and sealed by James R. Baker, PE using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

PILOTTOWN
ENGINEERING
17585 NASSAU COMMONS BLVD.
UNIT 3 | LEWES, DE 19958
PHONE: 302-703-1770

JOB NUMBER: 143.046
CONTACT: J. BAKER

THIS DOCUMENT IS THE SOLE PROPERTY OF PILOTTOWN ENGINEERING AND MAY NOT BE REPRODUCED IN ANY FORM FOR THE PURPOSE OF SHOP DRAWING PREPARATION WITHOUT THE PRIOR WRITTEN PERMISSION OF PILOTTOWN ENGINEERING

FOR CONSTRUCTION - FINAL PERMIT SET - 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514
Engineering Consultant

JAMES R. BAKER
LICENSE
No. 88137
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
12/05/23

PROJECT NAME:
BIG BEND &
SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	11-22-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
FRAMING SECTIONS
AND DETAILS
SCALE: AS SHOWN

SHEET NUMBER:
S513

12/6/2023 8:29:56 AM BIM 360://143.046 - Florida Big Bend Starbucks/1443046 - R21 - FL Big Bend & Summerfield Crossing - S.rvt

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITIES HAVING JURISDICTION
APPROX	APPROXIMATE
BLDG	BUILDING
CKT	CIRCUIT
CLG	CEILING
CM	STARBUCKS CONSTRUCTION MANAGER
CONST	CONSTRUCTION
CW	COLD WATER
CXA	COMMISSIONING AGENT
DEG	DEGREES
DL	LIGHTS WITHIN DAYLIGHT ZONE
DM	STARBUCKS DESIGN MANAGER
DN	DOWN
DTL	DETAIL
DWG(S)	DRAWING(S)
EA	EACH
EC	ELECTRICAL CONTRACTOR
ECP	EQUIPMENT CONTROL PAC
EG	EXHAUST GRILLE
ELEC	ELECTRICAL
EM	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EXIST	EXISTING
EXT	EXTERIOR
F&I	FURNISH & INSTALL
FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
FOIO	FURNISHED BY OWNER, INSTALLED BY OWNER
FLR	FLOOR
FT	FOOT/FEET
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HR	HOUR
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HW	HOT WATER
LCP	LIGHTING CONTROL PANEL
LL	LANDLORD
LS	LIGHT SENSOR PHOTOCELL
LV	LOW VOLTAGE
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL, AND PLUMBING
MFG	MANUFACTURER
MIN	MINIMUM
NL	NIGHTLIGHT
NTS	NOT TO SCALE
OCP	OVERCURRENT PROTECTION
REF	REFERENCE
REQ('D)	REQUIRE(D)
REV	REVISION
SF	SQUARE FEET
SHT	SHEET
SPECS	SPECIFICATION(S)
SST	STAINLESS STEEL
TEL	TELEPHONE
TEMP	TEMPORARY
TYP	TYPICAL
UC	UNDER COUNTER
UNO	UNLESS NOTED OTHERWISE
WH	WATER HEATER
WP	WEATHER PROOF

ELECTRICAL SYMBOL LEGEND

	JUNCTON BOX		RECEPTACLE: DUPLEX
	SWITCH		RECEPTACLE: DEDICATED DUPLEX INTEGRAL SURGE PROTECTION
	THREE-WAY SWITCH		RECEPTACLE: QUAD
	MOTION (OCCUPANCY) SENSOR SWITCH		RECEPTACLE: DEDICATED QUAD WITH INTEGRAL SURGE PROTECTION
S	SWITCHBACK		RECEPTACLE: HIGH VOLTAGE
	TELEPHONE		RECEPTACLE: FLOOR DUPLEX
T	THERMOSTAT		RECEPTACLE: CEILING DUPLEX
S	SPEAKER		GROUNDING ELECTRODE CONNECTION
	DIMMER SWITCH	NL	NIGHTLIGHTING 24HR/DAY
	RECEPTACLE: DATA	PE	PHOTOELECTRIC CELL
	RACEWAY CONCEALED IN CEILING OR WALL. HASH MARKS INDICATE NUMBER OF WIRES. #12 AWG WIRE UNLESS OTHERWISE NOTED. TWO WIRES PLUS GROUND IF NO HASH MARKS SHOWN. LONG HASH MARK DENOTES NEUTRAL. GROUND WIRE NOT SHOWN.		WIFI ACCESS POINT
		CO	CARBON MONOXIDE DETECTOR

FIRE ALARM SYSTEM NOTES

IF STARBUCKS IS REQUIRED TO PROVIDE A FIRE ALARM AND/OR FIRE ALARM MONITORING AND/OR PHONE LINES FOR A FIRE ALARM, AS SPECIFIED IN THE LEASE AGREEMENT, THE CONTRACTOR IS TO NOTIFY GNOC IMMEDIATELY THAT FIRE ALARM LINES ARE NEEDED. STARBUCKS PREFERRED FIRE ALARM SERVICE PROVIDER, STANLEY, IS TO BE CONTACTED BY THE CONSTRUCTION MANAGER TO INSTALL FIRE ALARM PANEL AND/OR MONITORING SERVICE AS REQUIRED.

CARBON MONOXIDE (CO) DETECTOR NOTES

COORDINATE INSTALLATION OF CARBON MONOXIDE (CO) DETECTOR DEVICE(S) AND LOW VOLTAGE WIRING WITH STARBUCKS SECURITY VENDOR FOR NEW STORES, RELOCATIONS AND MAJOR RENOVATIONS. VENDOR TO FURNISH AND INSTALL DEVICE(S) IN BOH AND FOH (AS APPLICABLE PER STARBUCKS STANDARDS). GC TO PROVIDE ROUGH-IN FOR SENSORS.

CONTROLS AND OPERATION

THE GENERAL CONTRACTOR SHALL COORDINATE INSTALLATION OF INTERMATIC TIMECLOCK, INSTALLATION OF LIGHTING CONTACTOR AND COMMISSIONING WITH ELECTRICAL CONTRACTOR PRIOR TO THE LAST WEEK OF CONSTRUCTION.

FURNISH AND INSTALL RACEWAYS WITH PULL STRINGS AND JUNCTION BOXES FOR THERMOSTAT(S) AND SENSOR(S).

SET RESTROOM OCCUPANCY SENSOR TO 5 MINUTE 'ON' DURATION IN SINGLE OCCUPANT RESTROOM AND TO 5 MINUTE 'ON' DURATION IN MULTI-OCCUPANT RESTROOM UNLESS JURISDICTION REQUIREMENTS STATE OTHERWISE.

COORDINATE WITH DRAWINGS AND MANUFACTUERE FOR DEVICE LOCATIONS.

THE GENERAL CONTRACTOR IS TO COMPLETE FINAL CONNECTION AFTER DATA RACK AND NETWORK INSTALLATION.

SYSTEM COMMISSIONING

CONTRACTOR RESPONSIBILITIES FOR BUILDING COMMISSIONING

CONTRACTOR SHALL PROVIDE SUPPORT AND WORK AS SPECIFIED, NEEDED AND REQUIRED TO CONDUCT AND FACILITATE STARBUCKS STAFF BUILDING COMMISSIONING EFFORTS. THIS WORK WILL BE COMPRISED OF THREE DISTINCT EFFORTS:

1) SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES;

2) PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUP AND SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA;

3) CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS. CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:

A. SYSTEMS SUBJECT TO COMMISSIONING MAY INCLUDE, BUT ARE NOT LIMITED TO DOMESTIC HOT WATER GENERATION, HVAC SYSTEMS, ROOFTOP UNITS, EXHAUST FANS, HVAC CONTROLS, LIGHTING CONTROLS AND AIR CURTAINS.

B. CONTRACTOR SHALL INCLUDE COMMISSIONING ACTIVITIES IN PROJECT SCHEDULE AND SHOW INTERVALS FOR PERFORMANCE OF WORK FOR WHICH CONTRACTOR IS RESPONSIBLE AND INTERVALS FOR WORK PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SHOW RESOURCES FOR PERFORMING ALL WORK RELATED TO COMMISSIONING ACTIVITIES ON A LINE ITEM IN THE SCHEDULE OF VALUES.

C. CONTRACTOR SHALL INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND ALL CONTRACT DOCUMENTS. ENSURE THAT ALL EQUIPMENT IS INSTALLED TOTALLY COMPLETE, AND ACCESSIBLE TO STARBUCKS CXA FOR INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING PRIOR TO THE SCHEDULED START OF INSTALLATION VERIFICATION.

D. INSTALLATION VERIFICATION SHALL BE PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SUPPORT STARBUCKS CXA INSTALLATION VERIFICATION EFFORTS AS NECESSARY. PROVIDE ALL ACCESS AND EQUIPMENT NECESSARY FOR STARBUCKS STAFF TO VERIFY THAT THE EQUIPMENT IS INSTALLED CORRECTLY.

E. CONTRACTOR SHALL BE READILY AVAILABLE DURING INSTALLATION VERIFICATION TO CORRECT ANY DEFICIENCIES OR DEFECTS DISCLOSED BY THE INSTALLATION VERIFICATION PROCESS. CORRECTIONS SHALL BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION OF THE CONSTRUCTION SCHEDULE.

F. ALL HVAC, EXHAUST FAN, AND AIR CURTAIN EQUIPMENT SHALL BE TESTED, ADJUSTED AND BALANCED BY THE CONTRACTOR'S TESTING, ADJUSTING AND BALANCE AGENT(SEE TESTING, ADJUSTING AND BALANCING) AFTER THE SYSTEM IS VERIFIED TO BE COMPLETE AND CORRECT BY STARBUCKS CXA, IN ACCORDANCE WITH THE REQUIREMENTS OF THESE DOCUMENTS. ALL HVAC CONTROL SYSTEMS SHALL BE TESTED TO ENSURE THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH THESE PLANS AND PROJECT MANUAL. SEQUENCES OF OPERATION SHALL BE TESTED TO ENSURE THAT THEY OPERATE IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS. DELIVERABLES: PRELIMINARY, WRITTEN TESTING AND AIR BALANCE REPORT CONFORMING TO THE REQUIREMENTS SPECIFIED HEREIN, DOCUMENTING THE INFORMATION SPECIFIED, ETC. TO THE STARBUCKS CXA IMMEDIATELY UPON COMPLETION OF THE WORK.

G. CONTRACTOR SHALL INFORM STARBUCKS CXA WHEN EQUIPMENT IS READY FOR FUNCTIONAL PERFORMANCE TESTING. ALL EQUIPMENT SHALL BE READY FOR FUNCTIONAL PERFORMANCE TESTING PRIOR TO STARTING TESTING. CONTRACTOR SHALL OPERATE EQUIPMENT FOR STARBUCKS CXA AND VERIFY BY DEMONSTRATION THE CORRECT OPERATION OF EQUIPMENT, RESPONSE OF SENSORS, AND PROPER EXECUTION OF HVAC CONTROL AND LIGHTING SEQUENCES; INCLUDING BUT NOT LIMITED TO, AIR MOVEMENT, TEMPERATURE, SOUND, AND CONTROL RESPONSE. PROVIDE ANY SECURITY ACCESS, HARDWARE, SOFTWARE, OR OTHER SUPPORT AS NEEDED FOR THE STARBUCKS CXA TO EFFICIENTLY WITNESS AND DOCUMENT ALL EQUIPMENT TESTING. STARBUCKS CXA WILL RECORD THE EQUIPMENT OPERATION AND RESPONSE TO TESTING SEQUENCES AND PREPARE A LIST OF ANY DEFICIENCIES DISCLOSED BY THE FUNCTIONAL PERFORMANCE TESTS FOR CORRECTION BY THE CONTRACTOR. EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, AIR HANDLING UNITS, ROOFTOP AND SPLIT TYPE, CONDENSING UNITS, EXHAUST FANS, LIGHTING CONTROLS, ETC. DELIVERABLES: PROVIDE COMPLETED COPIES OF ALL START UP REPORTS, FILLED OUT ON THE MANUFACTURER'S FORMS, TO THE STARBUCKS CXA.

H. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES DISCLOSED DURING THE FUNCTIONAL PERFORMANCE TESTING PROCESS. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE.

I. CONTRACTOR SHALL BE READILY AVAILABLE FOR ANY RE-TESTING OF EQUIPMENT DEEMED NECESSARY BY STARBUCKS CXA DURING INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES FOUND IN THE SYSTEM DURING ANY AND ALL RE-TESTING. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE. DELIVERABLES: FINAL BALANCE REPORT, DEFICIENCIES LIST NOTING CORRECTIVE ACTIONS PERFORMED BY CONTRACTOR IN RESPONSE TO INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TEST RESULTS.

J. CONSTRUCTION AND POST CONSTRUCTION TESTING: ADDITIONAL TESTING MAY BE REQUIRED AND OTHER PROCESSES THAT MAY OCCUR OUT OF SEQUENCE WITH COMMISSIONING SERVICE. CONTRACTOR SHALL CONDUCT, DOCUMENT, SUPPORT AND SCHEDULE THIS TESTING AS DIRECTED BY STARBUCKS CXA.

SECURITY SYSTEM NOTES

STARBUCKS CONTRACTS DIRECTLY WITH SECURITY VENDOR TO SUPPLY AND INSTALL THE SECURITY SYSTEM. CONTRACTOR TO SCHEDULE INSTALLATION OF SECURITY SYSTEM FOR FOUR (4) TIMES;

1. MEET TO PLAN SECURITY CABLE PULL WITH SECURITY CABLE INSTALLER PRIOR TO DRYWALL INSTALLATION.
2. SECURITY CABLE INSTALLER PULLS SECURITY CABLES, MOUNTS PANEL, KEYPAD AND SENSORS.
3. SECURITY EQUIPMENT INSTALL OF CAMERA, NVR AND MONITOR.
4. SECURITY MONITORING COMPANY TO BRING SYSTEM ONLINE AND TRAIN PARTNERS AFTER POS INSTALL.

SECURITY VENDOR REQUIRES A MINIMUM TWO (2) WEEKS LEAD TIME FOR EACH INSTALLATION. SECURITY VENDOR WILL COORDINATE REGIONAL INSTALLERS. ALL ADDITIONAL EXPENSES INCURRED DUE TO THE CONTRACTOR'S FAILURE TO SCHEDULE ACCORDINGLY WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TELEPHONE SYSTEM NOTES

IF ADDITIONAL TELEPHONE LINES ARE REQUIRED BEYOND THE STANDARD SINGLE LINE (SUCH AS FOR A FIRE ALARM) THE GENERAL CONTRACTOR SHALL CONTACT THE STARBUCKS CONSTRUCTION MANAGER PRIOR TO BEGINNING CONSTRUCTION TO ORDER THE ADDITIONAL TELEPHONE LINE(S). REPORT ANY TELEPHONE INSTALLATION ISSUES IMMEDIATELY TO THE STARBUCKS CONSTRUCTION MANAGER.

CONFIRM PRIOR TO BEGINNING CONSTRUCTION THAT THERE ARE EXISTING, WORKING TELCO FACILITIES TO THE BUILDING OR THAT LANDLORD HAS FURNISHED AND INSTALLED ONE (1) 2" (51MM) MIN. (ENTRANCE) CONDUIT INCLUDING PULL STRING FROM TELCO STREET FEED LINE TO THE BUILDING AS IDENTIFIED BY THE PHONE COMPANY. NOTIFY STARBUCKS CONSTRUCTION MANAGER IMMEDIATELY IF FACILITIES OR CONDUIT AND PULL STRING ARE NOT INSTALLED.

GENERAL CONTRACTOR IS TO ENSURE THAT THERE IS A 2" (51MM) MIN. CONDUIT WITH PULL STRING FROM THE DATA RACK TO THE DEMARC (TELCO TO CUSTOMER HAND OFF EQUIPMENT) WHEN THE DEMARC IS MORE THAN 10' FROM THE DATA RACK. DISTANCES LESS THAN 10' WILL NOT REQUIRE CONDUIT.

PROVIDE A 3-POSITION GROUND LUG, GROUNDED WITH #6 AWG GROUND WIRE, IF REQUIRED BY TELEPHONE COMPANY.

ALL TELEPHONE/NETWORK CABLING IS THE SCOPE OF WORK OF THE TELEPHONE/NETWORK CABLING VENDOR.

POS \ DATA LINE NOTES

STARBUCKS CONTRACTS DIRECTLY WITH THE DATA CABLING VENDOR TO SUPPLY AND INSTALL CATEGORY 5e (CAT5e) LAN CABLE AND CONNECTORS FOR THE POINT OF SALE (POS) SYSTEMS. CONTRACTOR TO SCHEDULE INSTALLATION OF DATA CABLING WITH DATA CABLING VENDOR. DATA CABLING VENDOR REQUIRES A LEAD TIME FOR INSTALLATION. DATA CABLING VENDOR WILL COORDINATE REGIONAL INSTALLERS.

AT THE START OF CONSTRUCTION, STARBUCKS CONSTRUCTION MANAGER SCHEDULES DELIVERY OF CASH REGISTER/MANAGER'S WORKSTATION EQUIPMENT AND INSTALLATION BY A POS INSTALL TECHNICIAN FOR ONE (1) MONTH PRIOR TO STORE OPEN. CONTRACTOR TO VERIFY DELIVERY SCHEDULE TWO (2) WEEKS PRIOR TO DELIVERY AND INSTALLATION DATE. EQUIPMENT IS SHIPPED DIRECTLY TO THE STORE. CONTRACTOR TO ACCEPT POS EQUIPMENT DELIVERY. DO NOT REFUSE DELIVERY.

DATA CABLING TECHNICIAN TO PROVIDE ALL CAT5e LAN CABLING AND CONNECTORS FROM ALL DESIGNED AND FUTURE CASH REGISTER LOCATIONS, MANAGER'S WORKSTATION, ALL OTHER NETWORKED EQUIPMENT (CUP LABELERS, CLOVER, BUMP BAR, ETC...) AND WIRELESS ACCESS POINT TO THE DATA RACK AREA. CONTRACTOR IS TO HAVE CONDUIT WITH PULL STRING IN PLACE FOR ALL CABLE RUNS PRIOR TO CABLE INSTALL DATE.

STARBUCKS NEW STORE GROUP IS RESPONSIBLE FOR COORDINATING STARBUCKS POS SYSTEMS DELIVERY AND INSTALLATION WITH THE POS VENDOR. THIS GROUP MAY BE CONTACTED AT: **NEWSTORES@STARBUCKS.COM**.

WIRELESS NETWORK NOTES

CABLING FOR INTERNET SERVICE SHALL BE FURNISHED AND INSTALLED BY THE VENDOR FOR FIBER OR BROADBAND CONNECTIONS. T1 AND ETHERNET EXTENSION CABLING IS PROVIDED BY THE STARBUCKS (TELEPHONE/ NETWORK) CABLING VENDOR. COORDINATE WITH STARBUCKS.

MUSIC SYSTEM NOTES

MOUNT OWNER FURNISHED SPEAKERS WHERE SHOWN ON INTERIOR REFLECTED CEILING PLANS AND IN COORDINATION WITH ALL PLANS, DETAILS AND MANUFACTURER'S INSTALLATION REQUIREMENTS. INSTALL AND CONNECT OWNER FURNISHED WIRING SYSTEM BETWEEN ALL SPEAKERS AND THE OWNER PROVIDED MUSIC SYSTEM. SET WATTAGE TAP ON EACH SPEAKER'S ROTARY SWITCH PER TAP SETTINGS NOTED ON PLANS.

GENERAL ELECTRICAL NOTES

1. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ELECTRICAL WORK WITH OTHER TRADES. THE ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. DO NOT SCALE DISTANCES OFF THE ELECTRICAL DRAWINGS; USE ACTUAL BUILDING DIMENSIONS. OVERALL CASEWORK COMPONENT DIMENSIONING ON ELECTRICAL DETAILS ARE SHOWN FOR REFERENCE AND COORDINATION ONLY. SEE PROJECT MANUAL.
2. ALL ELECTRICAL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION. BALANCE ALL BRANCH CIRCUIT LOADS BETWEEN THE PHASES OF THE SYSTEM WITHIN 10% OF THE HIGHEST PHASE LOAD IN EACH PANEL BOARD.
3. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DE-ENERGIZING CIRCUITS IN DEMOLITION AREAS TO INSURE A SAFE CONDITION. ELECTRICAL DEVICES AND ASSOCIATED WIRING LOCATED WITHIN THE DEMOLITION AREA THAT WILL NO LONGER BE USED SHALL BE REMOVED AND PROPERLY DISPOSED OF AT CONTRACTORS EXPENSE UNLESS OTHERWISE NOTED.
4. THE ELECTRICAL CONTRACTOR SHALL SCHEDULE ALL ELECTRICAL SYSTEM OUTAGES WITH THE GENERAL CONTRACTOR AND LANDLORD AT LEAST 24 HOURS IN ADVANCE. UNLESS APPROVED OTHERWISE ALL OUTAGES SHALL OCCUR BETWEEN 11:00PM AND 5:00AM.
5. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY CONDUIT AND J-BOXES TO SUPPORT A COMPLETE SECURITY, PHONE, POS AND DATA SYSTEMS. SEE MANAGER WORKSTATION AND BAR POINT OF SALE (POS) POWER/TELECOM/SECURITY DIAGRAM. COORDINATE ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH SECURITY VENDOR PRIOR TO ROUGH-IN. PROVIDE END-TO-END PULL STRINGS IN ALL CONDUITS. LABEL EACH END OF THE PULL STRING WITH CONDUIT SYSTEM ("SECURITY") AND DESTINATION ("CAFÉ", "FRONT BAR", ETC.). PROVIDE INSULATED BUSHINGS ON ALL STUBBED-UP AND EXPOSED CONDUIT ENDS.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF WORK.
7. EXPOSED/SURFACE MOUNTED CONDUITS SHALL ONLY BE ALLOWED WHERE NECESSARY IN EXPOSED CEILING AREAS. IF CONDUITS NEED TO BE SURFACE MOUNTED TO WALLS, COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER FOR APPROVAL.
8. VERIFY LOCATION OF ALL OUTLETS AND SWITCHES WITH ARCHITECTURAL DRAWINGS, INTERIOR DETAILS, FINISH SCHEDULES, GENERAL CONTRACTOR, EQUIPMENT VENDORS, STARBUCKS AND EXISTING SITE CONDITIONS. VERIFY FINAL DOOR HINGE LOCATION PRIOR TO SWITCH INSTALLATION AND ADJUST SWITCH LOCATION IF NEEDED. DO NOT MOUNT RECEPTACLES/SWITCHES IN LOCATIONS THAT WOULD CONFLICT WITH MIRRORS, SEAMS OF WALLS, WAINSCOTS, TILE TRANSITIONS, ETC...

GENERAL NOTES

SCOPE
THE INTENT OF THE DRAWINGS AND PROJECT MANUAL IS TO PROVIDE A COMPLETE AND FULLY OPERATIONAL ELECTRICAL SYSTEM. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THE ELECTRICAL WORK.

SITE EXAMINATION
THE ELECTRICAL CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE EQUIPMENT, CONDUIT, AND WIRING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT, IN HIS OPINION, PREVENTS THE PROPER INSTALLATION OF THE ELECTRICAL WORK.

STANDARDS
EQUIPMENT AND MATERIALS SHALL CONFORM WITH APPROPRIATE PROVISIONS OF CSA, ULC, NEC, ASTM, UL, ETL, NEMA, ANSI, AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

CODES
ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE PROVINCIAL AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS AND THE CODES, THE HIGHEST STANDARD SHALL APPLY. ELECTRICAL CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO STARBUCKS.

PERMITS AND FEES
THE ELECTRICAL CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS NECESSARY TO COMPLETE THE ELECTRICAL WORK.

WARRANTY
THE ELECTRICAL CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY STARBUCKS AND WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE AND RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE MATERIALS AND WORKMANSHIP.

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant
129-22

WILLIAM J. ALKEMEYER
LICENSE
No. 52422
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	JAK/BMS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL NOTES

SCALE: AS SHOWN

SHEET NUMBER:
E001

12/6/2023 2:29:43 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

COM*check* Software Version COMcheckWeb

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2020 Florida - 7th Edition
Project Title: Starbucks - Big Bend and Summerfield Crossing
Project Type: New Construction

Construction Site: 10790 Big Bend Road Riverview, FL 33579
Owner/Agent:
Designer/Contractor:

Additional Efficiency Package(s)

Credits: 1.0 Required 1.0 Proposed
Reduced Lighting Power, 1.0 credit

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-Dining: Bar Lounge/Leisure	2800	0.81	2268
		Total Allowed Watts =	2268

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
1-Dining: Bar Lounge/Leisure				
21771: 21771: LED Downlighting: LED PAR 12W:	1	51	12	612
21774: 21774: LED Downlighting: LED PAR 12W:	1	8	12	96
21775: 21775: LED Downlighting: LED PAR 12W:	1	7	12	84
16593: 16593: LED Wall Sconce: LED PAR 20W:	1	2	20	40
Track lighting 1: X0044: Track w/4A current limiter: Wattage based on current limiting device capacity	0	0	480	480
15057: 15057: LED 2' x 4' Lighting: Other:	1	12	36	432
		Total Proposed Watts =		1744

Interior Lighting PASSES: Design 23% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2020 Florida - 7th Edition requirements in COM*check* Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

William J. Alkemeyer P.E. — Name - Title
SEE TITLE BLOCK FOR SEAL, SIGNATURE, AND DATE — Signature, Date

COM*check* Software Version COMcheckWeb

Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2020 Florida - 7th Edition
Project Title: Starbucks - Big Bend and Summerfield Crossing
Project Type: New Construction
Exterior Lighting Zone: 2 (Residential mixed use area (LZ2))

Construction Site: 10790 Big Bend Road Riverview, FL 33579
Owner/Agent:
Designer/Contractor:

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts /	D Tradable Wattage	E Allowed Watts (B X C)
Illuminated area of facade wall or surface	1090 ft2	0.07	No	82
Pedestrian and vehicular entrances and exits	4 ft of door	14	Yes	56
Entry canopy	311 ft2	0.25	Yes	78
Free standing/attached sales canopy	632 ft2	0.4	Yes	253
		Total Tradable Watts (a) =		527
		Total Allowed Watts =		808
		Total Allowed Supplemental Watts (b) =		400

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
(b) A supplemental allowance equal to 400 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
Drive-up windows/doors (1 windows or doors): Non-tradable Wattage				
Illuminated area of facade wall or surface (1090 ft2): Non-tradable Wattage				
20837: 20837: LED Exterior Wall Sconce: LED PAR 20W:	1	7	20	140
Pedestrian and vehicular entrances and exits (4 ft of door width): Tradable Wattage				
21223: 21223: LED Exterior Wallpack: Other:	1	1	14	14
Entry canopy (311 ft2): Tradable Wattage				
21771: 21771: LED Downlighting: LED PAR 12W:	1	10	12	120
Free standing/attached sales canopy (632 ft2): Tradable Wattage				
21771: 21771: LED Downlighting: LED PAR 12W:	1	12	12	144
		Total Tradable Proposed Watts =		278

Exterior Lighting PASSES: Design 68% better than code

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2020 Florida - 7th Edition requirements in COM*check* Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

William J. Alkemeyer P.E. — Name - Title
SEE TITLE BLOCK FOR SEAL, SIGNATURE, AND DATE — Signature, Date

COM*check* Software Version COMcheckWeb

Inspection Checklist

Energy Code: 2020 Florida - 7th Edition

Requirements: 100.0% were addressed directly in the COM*check* software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4][1]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C103.2 [PR8][1]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the exterior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include exterior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C406 [PR9][1]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.2.2 [EL22][1]	Spaces required to have light-reduction controls have a manual control that allows the occupant to reduce the connected lighting load in a reasonably uniform illumination pattern >= 50 percent.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.2.1, C405.2.1.1 [EL18][1]	Occupancy sensors installed in classrooms/lecture/training rooms, conference/meeting/multipurpose rooms, copy/print rooms, lounges/breakrooms, enclosed offices, open plan office areas, restrooms, storage rooms, locker rooms, warehouse storage areas, and other spaces <= 300 sqft that are enclosed by floor-to-ceiling height partitions. Reference section language C405.2.1.2 for control function in warehouses and section C405.2.1.3 for open plan office spaces.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.2.1.2 [EL19][1]	Occupancy sensors control function in warehouses: In warehouses, the lighting in aisleways and open areas is controlled with occupant sensors that automatically reduce lighting power by 50% or more when the areas are unoccupied. The occupant sensors control lighting in each aisleway independently and do not control lighting beyond the aisleway being controlled by the sensor.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C405.2.1.3 [EL20][1]	Occupant sensor control function in open plan office areas: Occupant sensor controls in open office spaces >= 300 sq.ft. have controls 1) configured so that general lighting can be controlled separately in control zones with floor areas <= 600 sq.ft. within the space. 2) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space. 3) are configured so that general lighting power in each control zone is reduced by >= 80% of the full zone general lighting power within 20 minutes of all occupants leaving that control zone, and 4) are configured such that any daylight responsive control will activate space general lighting or control zone general lighting only when occupancy for the same area is detected.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C405.2.2, C405.2.2.1, C405.2.2.2 [EL21][2]	Each area not served by occupancy sensors (per C405.2.1) have time-switch controls and functions detailed in sections C405.2.2.1 and C405.2.2.2	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3, C405.2.3.1, C405.2.3.2 [EL23][2]	Daylight zones provided with individual controls that control the lights independent of general area lighting. See code section C405.2.3 Daylight-responsive controls for applicable spaces. C405.2.3.1 Daylight responsive control function and section C405.2.3.2 Sidelit zone.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Sidelit zones on first floor in Group A-2 and M occupancies.
C405.2.4 [EL26][1]	Separate lighting control devices for specific uses installed per approved lighting plans. 1. Display and accent lighting, lighting in display cases, supplemental task lighting and lighting equipment for sale shall have occupancy sensor control. 2) Sleeping units shall have auto off controls.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.2.5 [EL28][1]	Manual lighting controls are in a location with ready access and where controlled lights are visible.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.2.6 [EL30][1]	Exterior lighting systems provided with controls complying with C405.2.6.1 through C405.2.6.4 for daylight shutoff and decorative lighting shutoff.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.6 [EL26][2]	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.7 [EL27][2]	Electric motors meet the minimum efficiency requirements of Tables C405.7(1) through C405.7(4). Efficiency verified through certification under an approved certification program or the equipment efficiency ratings shall be provided by motor manufacturer (where certification programs do not exist).	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.8.2, C405.8.2.1 [EL28][2]	Escalators and moving walks comply with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA B44 or applicable local code when not conveying passengers.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	**Exception:** Requirement does not apply.
C405.5.3 [EL29][2]	Total voltage drop across the combination of feeders and branch circuits <= 5%.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C408.2.5.2 [FI17][3]	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C405.3.2 [FI18][2]	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Interior Lighting fixture schedule for values.*
C405.4.2 [FI19][3]	Exterior lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Exterior Lighting fixture schedule for values.*
C408.1.1 [FI57][3]	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, recommendations, programming procedures and means of illustrating to owner how building, equipment and systems are intended to be installed, maintained, and operated. Regular maintenance actions shall be clearly stated on accessible label.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.
C408.3 [FI33][3]	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant

129-22

WILLIAM J. ALKEMEYER LICENSE No. 52422 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NAME: BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS: 10754 BIG BEND RD RIVERVIEW, FL 33579 HILLSBOROUGH COUNTY

STORE #: 69057
PROJECT #: 94787-001
ISSUE DATE: 12-01-2023
SR. DESIGN MANAGER: L. ALVAREZ-TABIO
PRODUCTION DESIGNER: L. LA SPIA
CHECKED BY: JAK/BMS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE: ENERGY CALCULATIONS

SCALE: AS SHOWN

SHEET NUMBER: E002

12/6/2023 2:29:44 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

ELECTRICAL SITE PLAN GENERAL NOTES

A. PROVIDE A COMPLETE & OPERATING SYSTEM. ALL ITEMS ARE NOT NECESSARILY SHOWN.

B. CONTRACTOR IS RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO START OF WORK TO REVEAL THE FULL SCOPE OF WORK.

C. REVIEW ALL CIVIL DRAWINGS AND COORDINATE EXISTING CONDUIT ROUTES WITH LANDLORD PRIOR TO PLACING BID AND/OR COMMENCING WORK.

D. SEE ARCHITECTURAL SHEETS FOR FURTHER SIGNAGE INFORMATION AND EXACT LOCATIONS.

E. EXTERIOR SITE LIGHTING TO BE ON A PHOTO-ELECTRICAL CELL.
LIGHTING REQUIREMENTS:

1. MINIMUM LIGHT LEVELS OF 1.5 FOOT CANDLES AT 30" AFF IN PATIO AREAS.

2. MINIMUM LIGHT LEVELS OF 1.5 FOOT CANDLES AT PAVED AREAS.

3. NO DARK AREAS ON SITE, INCLUDING TRASH ENCLOSURE.

4. LED LIGHTING PREFERRED.

F. LANDLORD PROVIDED AND INSTALLED CONDUITS SHALL HAVE OPENINGS PROTECTED AND PULLWIRES LABELED SO VENDORS WILL KNOW WHICH CONDUITS TO USE.

G. FURNISH AND INSTALL APPROPRIATE HAND HOLES WHERE NEEDED AND PER CODE TO INSTALL CABLE/WIRE.

H. INCREASE SIZE OF CONDUCTORS INDICATED IF NEEDED TO ACCOUNT FOR VOLTAGE DROP.

ELECTRICAL SITE PLAN KEYED NOTES

ES01 PYLON/ DRIVE THRU DIRECTIONAL SIGNAGE: PROVIDE 1" CONDUIT WITHE WIRING AND MAKE FINAL CONNECTION AS REQUIRED. SEE ARCHITECTURAL PLANS FOR DETAILS. COORDINATE ROUTING OF CONDUIT IN FIELD.

ES02 PROVIDE TWO (2) 1" CONDUITS BELOW GRADE FROM DIGITAL ORDER SCREEN CONTROL BOX TO DRIVE-THRU WINDOW AREA, PROVIDE WIRING AND MAKE FINAL CONNECTIONS. VERIFY ALL REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO COMMENCING WORK. COORDINATE ROUTING OF CONDUITS IN FIELD.

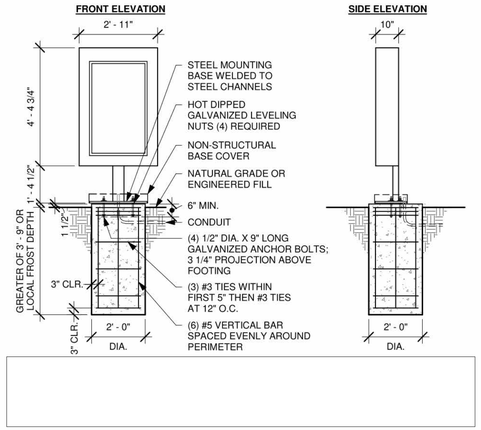
ES03 PROVIDE AND INSTALL TWO (2) 2" CONDUITS: ONE (1) 2" CONDUIT FOR TELEPHONE FROM DEMARCATION POINT TO TENANT'S SPACE AND ONE (1) 2" CONDUIT FOR BROADBAND CABLING FROM DEMARCATION POINT TO TENANT'S SPACE. TERMINATE CONDUITS IN THE CEILING AREA ABOVE THE TENANT'S MANAGER'S DESK LOCATION. COORDINATE TERMINATION POINT WITH ARCHITECTURAL PLANS PRIOR TO COMMENCING WORK.

ES04 PROVIDE ONE (1) 1" CONDUIT WITH WIRING BELOW GRADE FROM DRIVE-THRU EQUIPMENT TO ELECTRICAL PANELS AND MAKE FINAL CONNECTION AS REQUIRED. VERIFY ALL REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO COMMENCING WORK. COORDINATE ROUTING OF CONDUIT IN FIELD. COORDINATE WITH OWNER AND STARBUCKS REPRESENTATIVE PRIOR TO COMMENCING WORK.

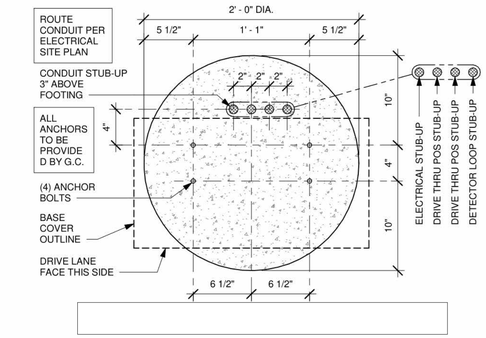
ES05 PROVIDE ONE (1) 1" CONDUIT WITH WIRING FOR EACH OF THREE DETECTOR LOOP SETS (ONE AT EACH SPEAKER POST AND THE OTHER AT THE DRIVE THRU WINDOW) AND MAKE FINAL CONNECTIONS.

ES06 PROVIDE ONE (1) 1" CONDUIT WITH WIRING FROMM ELECTRICAL PANEL TO DRIVE-THRU DOS CONTROL BOX. PROVIDE FINAL CONNECTION TO DOS CONTROL BOX AS REQUIRED. SEE DETAIL #2 ON THIS SHEET FOR MORE INFORMATION.

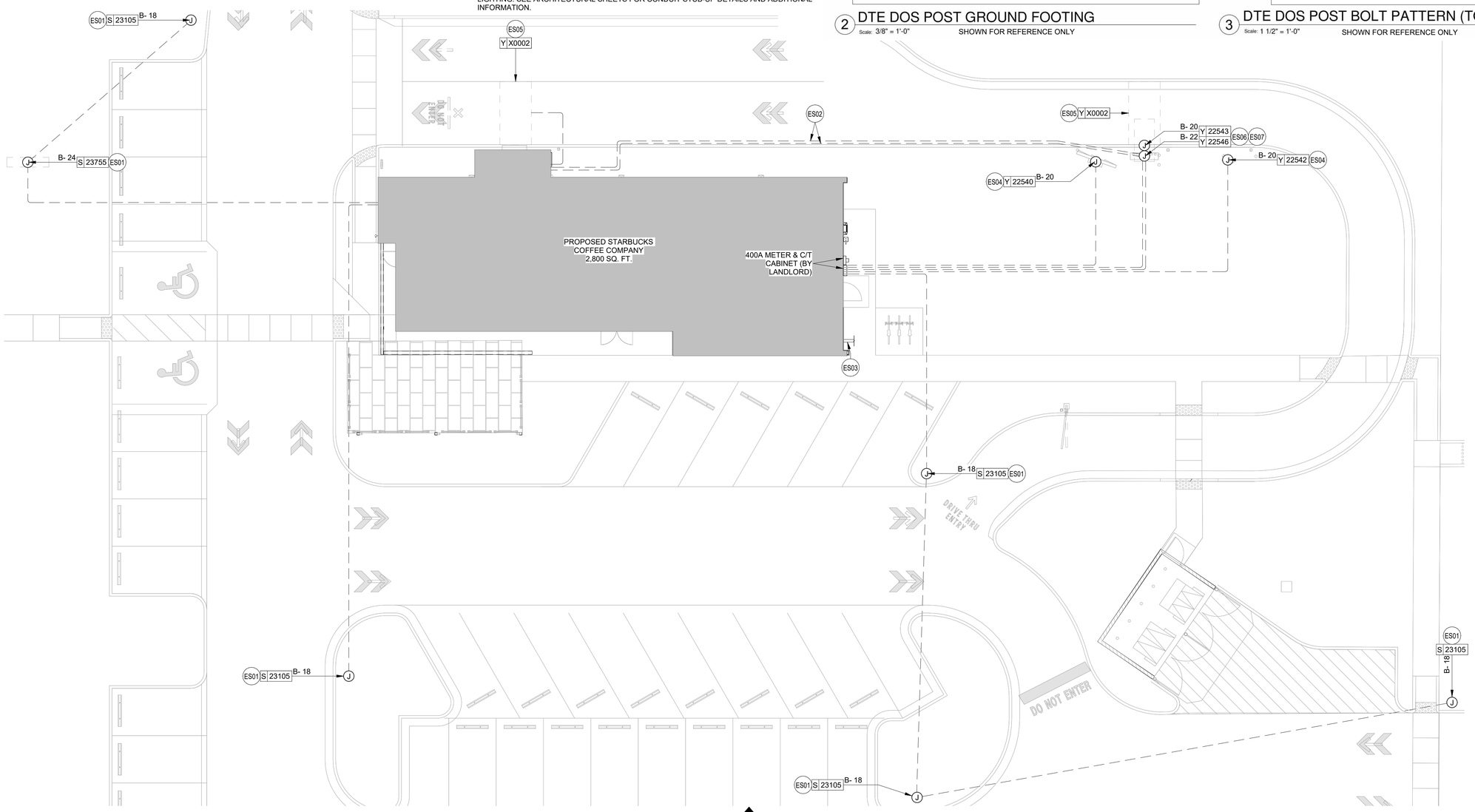
ES07 PROVIDE ONE (1) 1" CONDUIT, WIRING, AND FINAL CONNECTION FOR POWER TO CANOPY LIGHTING. SEE ARCHITECTURAL SHEETS FOR CONDUIT STUB-UP DETAILS AND ADDITIONAL INFORMATION.



2 DTE DOS POST GROUND FOOTING
Scale: 3/8" = 1'-0"
SHOWN FOR REFERENCE ONLY



3 DTE DOS POST BOLT PATTERN (TOP VIEW)
Scale: 1 1/2" = 1'-0"
SHOWN FOR REFERENCE ONLY



1 ELECTRICAL SITE PLAN
3/32" = 1'-0"

12/6/2023 2:29:48 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant
129-22

WILLIAM J. ALKEMEYER
LICENSE
No. 52422
STATE OF FLORIDA
PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	JAK/BMS

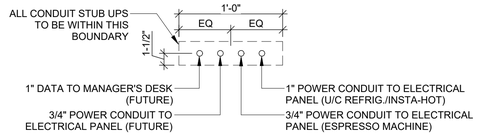
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL SITE PLAN

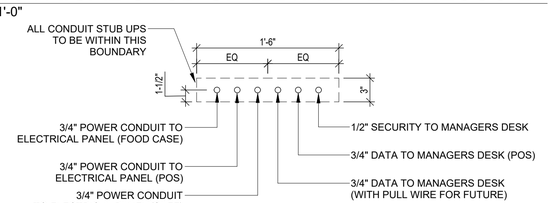
SCALE: AS SHOWN

SHEET NUMBER:
E003



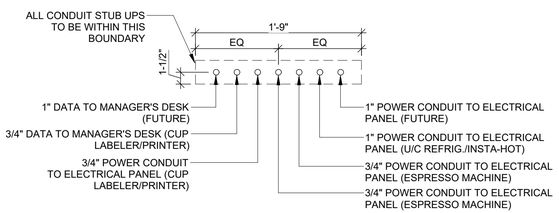
4 ELECTRICAL STUB UP DETAIL - ESPRESSO 2

12" = 1'-0"



3 ELECTRICAL STUB UP DETAIL - POS

SCALE: NTS



2 ELECTRICAL STUB UP DETAIL - ESPRESSO

SCALE: NTS

ELECTRICAL POWER PLAN GENERAL NOTES

A. REFER TO ARCHITECTURAL DETAIL SHEETS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL DEVICES.

B. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL VOLTAGE REQUIREMENTS

C. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING AND HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) CONTRACTORS FOR ANY ADDITIONAL EQUIPMENT NEEDING POWER.

D. ALL FUTURE EQUIPMENT NEEDED HEREIN SHALL BE PROVIDED WITH AN APPROPRIATE RECEPTACLE AND FULLY WIRED. EVEN IF NOT SPECIFICALLY INDICATED.

E. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (NOT RECEPTACLES) SHALL BE UTILIZED WHERE REQUIRED BY CODE AND AT ANY FLOOR BOXES. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL THESE CIRCUITS.

F. EQUIPMENT REQUIRES CONNECTION TO THE BUILDING ELECTRICAL SYSTEM. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE, CONNECTIONS, RECEPTACLES AND OVERCURRENT PROTECTION NECESSARY TO ENSURE THE EQUIPMENT FUNCTIONS PROPERLY AND COMPLIES WITH ALL APPLICABLE LOCAL AND NATIONAL CODES. COORDINATE EQUIPMENT REQUIREMENTS WITH MANUFACTURER CUT SHEET PRIOR TO ROUGH-IN.

G. ALL BACK BAR AND FRONT BAR J-BOXES AND OUTLETS SHALL BE SURFACE MOUNTED. PROVIDE CONDUITS AS NEEDED AND ONE (1) ADDITIONAL SPARE CONDUIT BETWEEN ALL J-BOXES FOR FUTURE ELECTRICAL REQUIREMENTS. ALL J-BOXES SHALL BE POSITIONED TO AVOID OBSTRUCTION OF ANY EQUIPMENT SUCH AS REFRIGERATORS AND DISHWASHERS.

H. REFERENCE LANDLORD WORK LETTER FOR DIVISION OF ELECTRICAL SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.

I. ALL UNDERSLAB WORK BY STARBUCKS CONTRACTOR.

J. REFER TO CALLOUT DETAILS INDICATED ON SHEET FOR ADDITIONAL INFORMATION.

ELECTRICAL POWER PLAN KEYED NOTES

E01 PROVIDE ELECTRICAL CONNECTION TO WATER HEATER. CONFIRM ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN.

E02 PROVIDE ROUGH-IN AND FINAL CONNECTION TO RESTROOM EXHAUST FAN. FAN TO BE CONTROLLED BY TIMECLOCK. CONNECT TO TIMECLOCK AS REQUIRED. SEE TIMECLOCK DETAIL ON SHEET E102 FOR MORE INFORMATION.

E03 REFRIGERATOR AND/OR FREEZER: PROVIDE RECEPTACLE AS SHOWN AT 84" A.F.F. DETAIL 6 ON SHEET E501 FOR MORE INFORMATION.

E04 ICE MACHINE: PROVIDE ROUGH-IN AND FINAL CONNECTION. PROVIDE CONNECTION TO REMOTE CONDENSER LOCATED ON ROOF. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE CONNECTIONS AND BREAKERS TO SUPPORT ICE MACHINE AND REMOTE CONDENSER LOCATED ON ROOF.

E05 WAREWASHER: PROVIDE AND INSTALL NEMA 14-50R RECEPTACLE TO SUPPORT WAREWASHER. VERIFY ALL REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO COMMENCING WORK INCLUDING, BUT NOT LIMITED TOO, PROVISION OF POWER CORD ACCESSORY KIT WITH NEMA 14-50P PLUG.

E06 PROVIDE POWER TO COMMUNITY TABLE. COORDINATE LOCATION AND REQUIREMENTS WITH DETAIL INDICATED AND FURNITURE MANUFACTURER TO RUN POWER UP TABLE LEG FOR DISTRIBUTION. COORDINATE LOCATION OF FLOOR ROUGH-IN AND ROUTING OF 1" CONDUIT UNDERSLAB FOR COMMUNITY TABLE POWER WITH EXISTING CONDITIONS PRIOR TO CHANNELING OF FLOOR.

E07 PROVIDE POWER TO BANQUETTE. ROUGH-IN LOCATIONS SHOWN FOR REFERENCE ONLY. COORDINATE LOCATION AND REQUIREMENTS WITH DETAIL INDICATED AND FURNITURE MANUFACTURER PRIOR TO COMMENCING WORK.

E08 STUB UP POWER, DATA, AND PHONE CONDUITS 6" A.F.F. IN THIS LOCATION. ROUTE POWER CONDUCTORS IN FLEXIBLE METAL CONDUIT TIGHT TO WALL FROM RECEPTACLES TO NEARBY RIGID STUB-UP AND BACK TO SERVING POWER PANEL. ROUTE DATA AND PHONE CONDUITS UNDERFLOOR BACK TO DATA RACK NEAR MANAGERS WORKSTATION. LABEL DATA AND PHONE CONDUITS "FOR DATA CABLING", PROVIDE INSULATED BUSHINGS, AND PROVIDE PULL STRING FROM END TO END. LABEL SECURITY CONDUIT "FOR SECURITY" AND PROVIDE PULL STRING FROM END TO END. SEE DETAIL INDICATED FOR MORE INFORMATION.

E09 MANAGER'S DESK: FURNISH AND INSTALL ALL NECESSARY POWER AND DATA ROUGH-INS FOR MANAGER'S DESK EQUIPMENT. ALL RECEPTACLES TO HAVE INTEGRAL SURGE PROTECTION. SEE MANAGER'S DESK ELEVATIONS AND MANAGER'S DESK PLAN VIEW DETAILS INDICATED FOR EXACT ROUGH-IN TYPES, QUANTITIES, LOCATIONS, DIMENSIONS, AND CIRCUITING.

ELECTRICAL POWER PLAN KEYED NOTES

E10 HAND DRYER: FURNISH AND INSTALL CIRCUIT, EQUIPMENT CONNECTION AND JUNCTION BOX AT 42" AFF ON GFCI BREAKER SIZED PER CODE TO SUPPORT HAND DRYER.

E11 FURNISH AND INSTALL CEILING MOUNTED SHOW WINDOW RECEPTACLE. RECEPTACLES ARE TO BE PLACED WITHIN 18" OF WINDOW. COORDINATE EXACT RECEPTACLE AND COVER PLATE COLOR WITH OWNER PRIOR TO COMMENCING WORK.

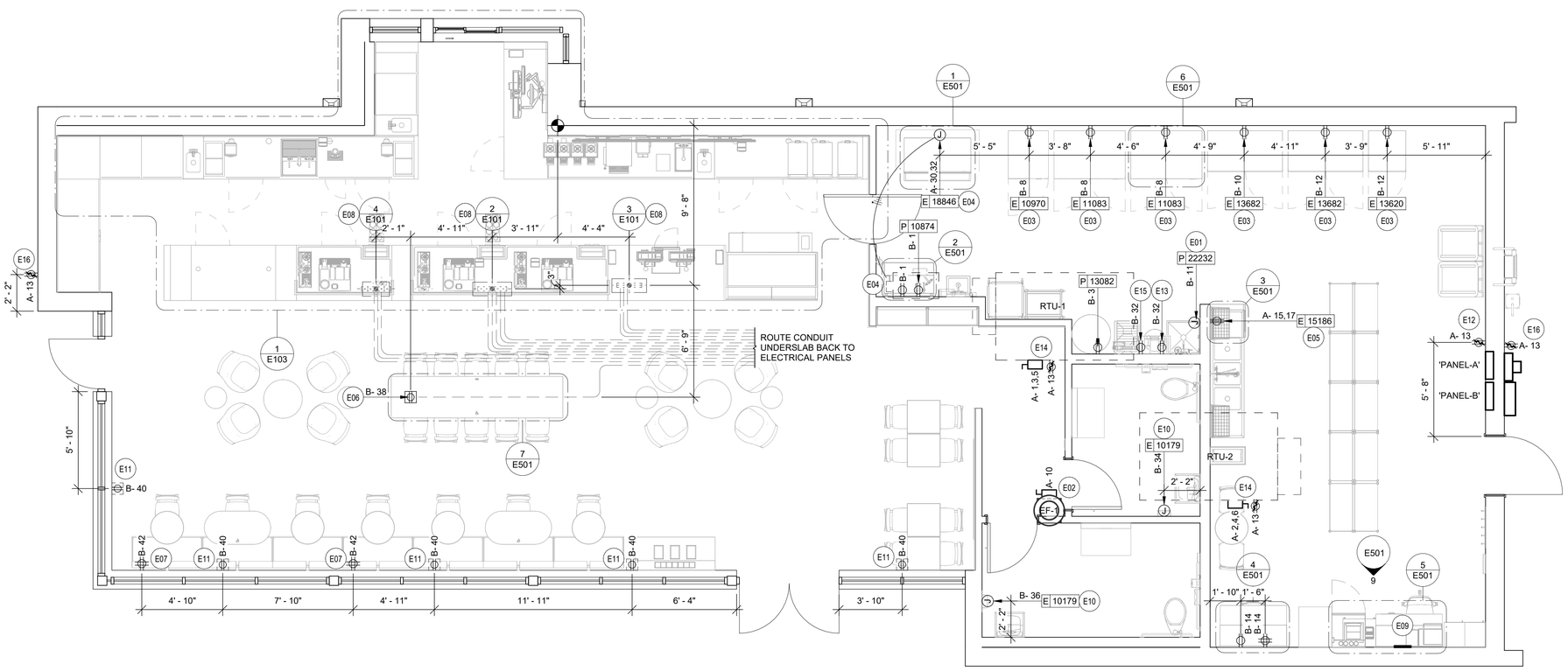
E12 PROVIDE SERVICE RECEPTACLE AT ELECTRICAL PANELS. VERIFY HEIGHT WITH OWNER PRIOR TO COMMENCING WORK.

E13 PROVIDE ROUGH-IN AND FINAL CONNECTION TO HOT WATER RETURN PUMP. SEE PLUMBING SHEETS FOR MORE INFORMATION. VERIFY ALL REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO COMMENCING WORK. COORDINATE ALL WORK WITH PLUMBING CONTRACTOR IN FIELD.

E14 PROVIDE ROUGH-IN AND FINAL CONNECTION TO NEW RTU. RTU-MOUNTED DISCONNECT AND SERVICE RECEPTACLE TO BE FACTORY INSTALLED AND CIRCUITED BY TENANT CONTRACTOR.

E15 PROVIDE ROUGH-IN AND FINAL CONNECTION FOR BOOSTER PUMP AS REQUIRED. VERIFY REQUIREMENTS WITH PLUMBING CONTRACTOR PRIOR TO COMMENCING WORK.

E16 PROVIDE AND INSTALL EXTERIOR WEATHER PROOF RECEPTACLE, CIRCUIT AS INDICATED.



1 ELECTRICAL POWER PLAN

1/4" = 1'-0"

N

0 2' 4' 8'

Scale: 1/4" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant
129-22

WILLIAM J. ALKEMEYER LICENSE No. 52422 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	JAK/BMS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL POWER PLAN
SCALE: AS SHOWN

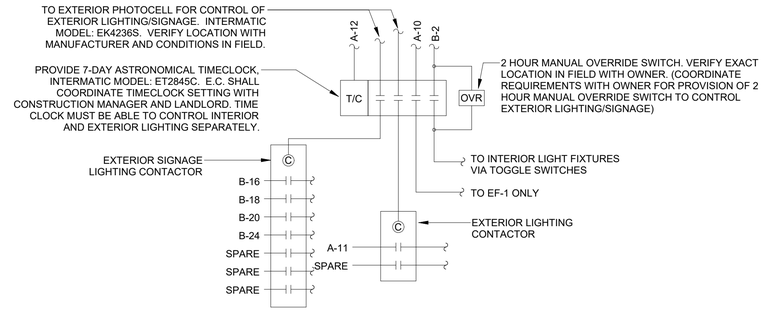
SHEET NUMBER:
E101

12/6/2023 2:29:55 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

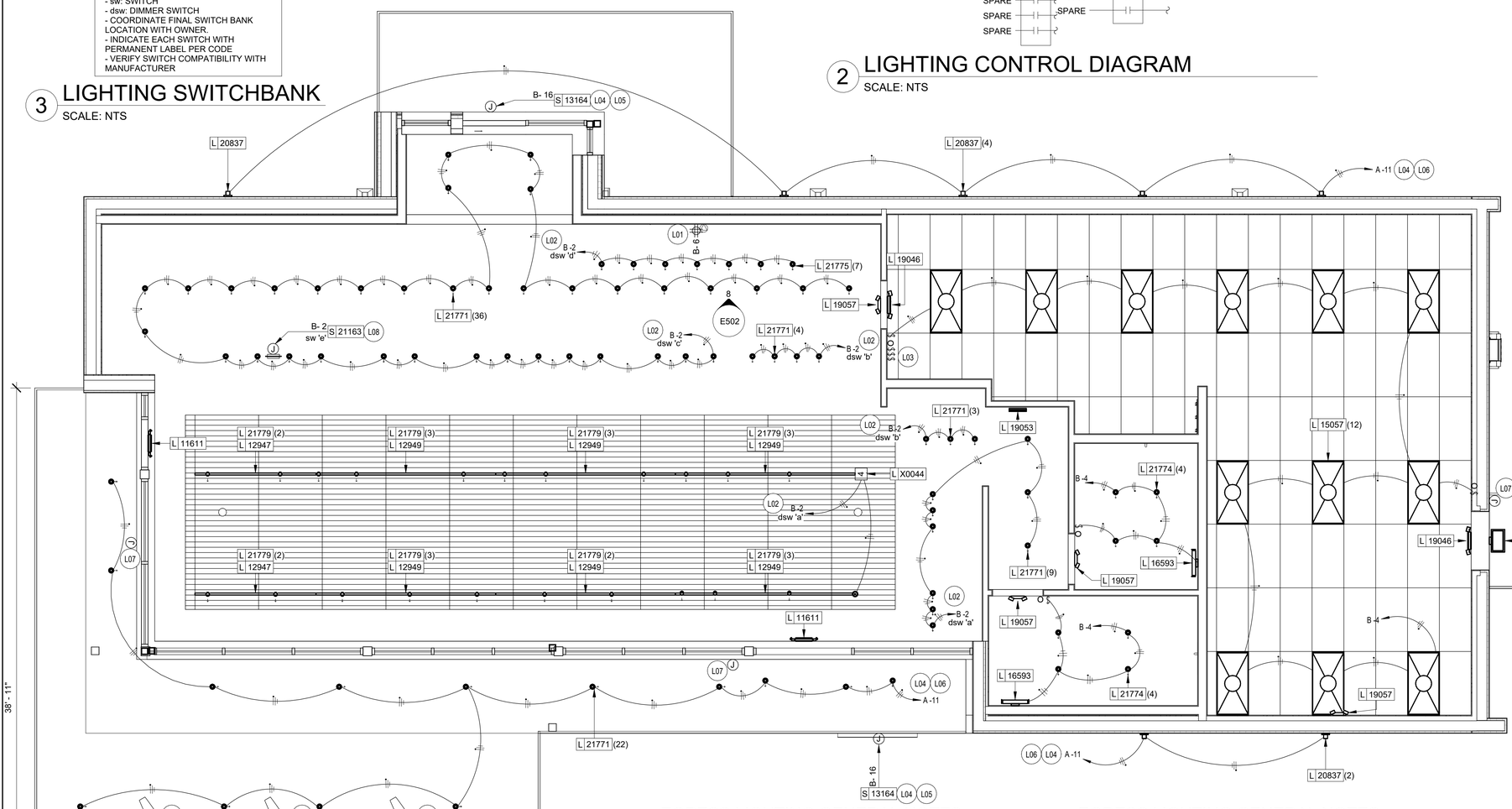
dsw "a" CKT B-2 GENERAL LIGHTING	dsw "b" CKT B-2 RETAIL LIGHTING	dsw "c" CKT B-2 BACK BAR LIGHTING
dsw "d" CKT B-2 MENU BOARD LIGHTING	sw "e" CKT B-2 M.O.P. SIGN	sw "f" CKT B-2 PATIO FANS

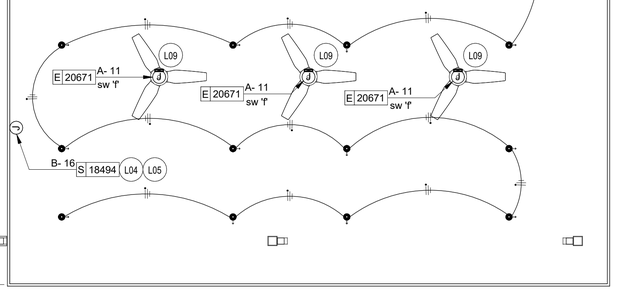
NOTES:
- sw: SWITCH
- dsw: DIMMER SWITCH
- COORDINATE FINAL SWITCH BANK LOCATION WITH OWNER.
- INDICATE EACH SWITCH WITH PERMANENT LABEL PER CODE
- VERIFY SWITCH COMPATIBILITY WITH MANUFACTURER

3 LIGHTING SWITCHBANK
SCALE: NTS



2 LIGHTING CONTROL DIAGRAM
SCALE: NTS





1 ELECTRICAL LIGHTING PLAN
1/4" = 1'-0"

N

0 2' 4' 8'
Scale: 1/4" = 1'-0"

EGRESS LIGHTING GENERAL NOTES

A. EXIT SIGNS SHALL BE INTERNALLY ILLUMINATED, LISTED AND LABELED IN ACCORDANCE WITH UL 924 AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

B. ANYTIME A BUILDING OR A PORTION OF A BUILDING IS OCCUPIED, THE MEANS OF EGRESS SERVING THE OCCUPIED PORTION SHALL BE ILLUMINATED AT AN INTENSITY OF NOT LESS THAN 1 FOOT CANDLE (11 LUX) AT THE WALKING SURFACE LEVEL.

C. THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL BE PROVIDED BY THE PREMISE'S ELECTRICAL SUPPLY, IN THE EVENT OF POWER SUPPLY FAILURE, ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY SYSTEM FOR THE FOLLOWING AREAS.

1) AISLES AND UNENCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS.

2) CORRIDORS, INTERIOR EXIT STAIRWAYS & RAMPS AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.

3) EXTERIOR EGRESS COMPONENTS AT OTHER THAN THE LEVEL OF EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.

EGRESS LIGHTING GENERAL NOTES

4) INTERIOR EXIT DISCHARGE ELEMENTS, AS REQUIRED BY CODE IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.

5) EXTERIOR LANDINGS, AS REQUIRED BY CODE, EXIT DISCHARGE DOORWAYS IN BUILDING REQUIRED TO HAVE TWO OR MORE EXITS.

D. THE EMERGENCY POWER SYSTEM SHALL ALSO BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM WHICH IS TO PROVIDE CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN 1 1/2 HOUR IN CASE OF PRIMARY POWER LOSS. CONTINUED ILLUMINATION IS TO BE PROVIDED FROM STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR AND THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

E. EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOT CANDLE (11 LUX) AND A MINIMUM AT ANY POINT OF 0.1 FOOT CANDLE (1 LUX) MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. A MAXIMUM TO MINIMUM ILLUMINATION UNIFORMITY RATION OF 40:1 SHALL NOT BE EXCEEDED.

LIGHTING PLAN KEYED NOTES

L01 PROVIDE QUADPLEX RECEPTACLES AND DUAL DATA CONNECTIONS BEHIND MENUBOARD. DATA LINES SHALL RUN FROM MENUBOARD PORT TO DATA RACK AT MANAGER'S DESK. REFER TO DETAIL INDICATED FOR ADDITIONAL INFORMATION. FIELD VERIFY EXACT MOUNTING HEIGHT AND LOCATION WITH GENERAL CONTRACTOR PRIOR TO COMMENCING WORK.

L02 INTERIOR LIGHTING FIXTURES SHALL BE CONTROLLED VIA SWITCH BANK AND ASTRONOMICAL TIME CLOCK. SEE DETAILS 2 & 3 ON THIS SHEET FOR MORE INFORMATION. VERIFY EXACT LOCATION WITH OWNER PRIOR TO COMMENCING WORK. TIME CLOCK SHALL BE LOCATED ADJACENT TO ELECTRICAL PANELS. FURNISH AND INSTALL ALL CONDUIT, WIRE, CONNECTIONS AND TIME CLOCK MODULES NECESSARY TO INSURE A FUNCTIONAL TIME CLOCK SYSTEM.

L03 LOCATION OF SWITCH BANK SHOWN FOR REFERENCE ONLY. COORDINATE EXACT LOCATION FOR SWITCH BANK WITH GENERAL CONTRACTOR PRIOR TO COMMENCING WORK.

L04 CIRCUIT SERVING EXTERIOR SIGNAGE/LIGHTING SHALL BE CONTROLLED BY ASTRONOMICAL TIME CLOCK, PHOTOCELL AND LIGHTING CONTACTOR. TIME CLOCK SHALL BE LOCATED ADJACENT TO ELECTRICAL PANELS. VERIFY LOCATION OF PHOTOCELL WITH MANUFACTURER. FURNISH AND INSTALL ALL CONDUIT, WIRE, CONNECTIONS AND TIME CLOCK MODULES NECESSARY TO INSURE A FUNCTIONAL TIME CLOCK SYSTEM IF LANDLORD PROVIDED SYSTEM IS NOT ADEQUATE. SEE DETAIL 2 ON THIS SHEET FOR MORE INFORMATION.

L05 ELECTRICAL CONTRACTOR SHALL PROVIDE ROUGH-IN AND FINAL CONNECTION TO STOREFRONT SIGN. FIELD VERIFY EXACT MOUNTING HEIGHT AND LOCATION WITH OWNER PRIOR TO COMMENCING WORK AND/OR PLACING BID. PROVIDE ALL CONNECTIONS AND EQUIPMENT NECESSARY TO MEET ALL LOCAL CODES AND SIGNAGE REQUIREMENTS. VERIFY WITH SIGN VENDOR AND LOCAL AUTHORITY HAVING JURISDICTION PRIOR TO COMMENCING WORK. REUSE EXISTING CONDUIT AND PENETRATIONS PROVIDED BY LANDLORD WHERE POSSIBLE. VERIFY WITH CONDITIONS IN FIELD.

L06 PROVIDE AND INSTALL AND CIRCUIT EXTERIOR LIGHT FIXTURE. VERIFY ANY ADDITIONAL WORK REQUIRED INCLUDING CONNECTION TO STARBUCKS TIMECLOCK SYSTEM.

L07 PROVIDE AND INSTALL EXTERIOR EMERGENCY EGRESS LIGHTING IF NOT EXISTING BY LANDLORD. REUSE EXISTING EGRESS LIGHTING PROVIDED BY LANDLORD AND CONNECT TO NEW EXIT/EMERGENCY LIGHT IF COMPATIBLE, PROVIDE NEW IF NECESSARY. VERIFY WITH CONDITIONS IN FIELD PRIOR TO COMMENCING WORK.

L08 PROVIDE ROUGH-IN AND FINAL CONNECTION TO MOP SIGN. VERIFY EXACT ROUGH-IN AND CONTROL REQUIREMENTS WITH OWNER AND EQUIPMENT PROVIDED IN FIELD.

L09 PROVIDE ROUGH-IN AND FINAL CONNECTION FOR PATIO CEILING FANS MOUNTED TO PATIO CANOPY. COORDINATE ROUGH-IN LOCATION IN FIELD PRIOR TO COMMENCING WORK. FANS SHALL BE CONTROLLED VIA SWITCH BANK AND ASTRONOMICAL TIME CLOCK. SEE DETAIL 2 ON THIS SHEET FOR MORE INFORMATION.

LIGHTING PLAN GENERAL NOTES

A. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED FIXTURE LOCATIONS.

B. ALL FIXTURES IN WORK ROOM, BACK AND FRONT LINE, ABOVE CONDIMENT CART, AND ANY OTHER AREAS WHERE EXPOSED FOOD, CLEAN EQUIPMENT OR UTENSILS, OR UNWRAPPED SINGLE SERVICE ITEMS WILL BE EXPOSED, SHALL HAVE SHATTERPROOF LAMPS IF THE FIXTURE IS NOT LENSED. ARCHITECT OF RECORD TO INCLUDE APPROPRIATE LAMPS / FIXTURES ON DRAWINGS AND SCHEDULES, AND COMPLY WITH ANY ADDITIONAL JURISDICTIONAL LIGHTING REQUIREMENT.

C. PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES/SUPPORTS.

D. CENTER EMERGENCY/EXIT LIGHTS ABOVE DOORS, UNLESS OTHERWISE NOTED.

E. ADJUST FOCUS OF ALL TRACK AND RECESSED DIRECTIONAL LIGHTING TO FULLY ILLUMINATE ALL ARTWORK, MENU BOARDS, AND MERCHANDISE BAYS.

F. IF PENDANT CYLINDERS CAN SUSPENDED LENGTH EXCEEDS 48" (1220MM) FROM CEILING, REPLACE WITH SURFACE MOUNTED CYLINDER CANS AND SUSPEND WITH GENERAL CONTRACTOR SUPPLIED CONDUIT AND J-BOX TO DIMENSIONED HEIGHT.

G. CONTRACTOR SHALL FURNISH AS-BUILTS DRAWINGS FOR ELECTRICAL POWER SYSTEMS WITHIN 30 DAYS OF SYSTEM ACCEPTANCE.

H. CONTRACTOR TO FURNISH OPERATIONS AND MAINTENANCE INSTRUCTIONS FOR SYSTEMS AND EQUIPMENT TO THE BUILDING OWNER OR DESIGNATED REPRESENTATIVE UPON COMPLETION.

I. CONTRACTOR TO VERIFY LIGHTING SYSTEMS HAVE BEEN TESTED TO ENSURE PROPER CALIBRATION, ADJUSTMENT, PROGRAMING, AND OPERATION.

J. ALL EXIT AND EMERGENCY LIGHTING TO BE CIRCUITED TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING OR TIMECLOCK CONTROLS UNLESS NOTED OTHERWISE.

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant

129-22

WILLIAM J. ALKEMEYER LICENSE No. 52422 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	JAK/BMS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL LIGHTING PLAN
SCALE: AS SHOWN

SHEET NUMBER:
E102

12/6/2023 2:29:58 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

ENLARGED ELECTRICAL GENERAL NOTES

A. REFER TO ELECTRICAL DETAIL SHEETS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL DEVICES.

B. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL VOLTAGE REQUIREMENTS ON ALL EQUIPMENT AND PROVIDING BUCK-BOOST TRANSFORMERS AS MAY BE NEEDED PER MANUFACTURER'S RECOMMENDATIONS OR FOR CODE. ALL ARE NOT NECESSARILY INDICATED.

C. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING AND HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) CONTRACTORS FOR ANY ADDITIONAL EQUIPMENT NEEDING POWER.

D. ANY EQUIPMENT NOTED AS 'FUTURE' SHALL BE PROVIDED WITH APPROPRIATE RECEPTACLES AND WIRING TO ENABLE FUTURE OPERATION.

E. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (NOT RECEPTACLES) SHALL BE UTILIZED WHERE REQUIRED BY CODE AND AT ANY FLOOR BOXES. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL THESE CIRCUITS.

F. EQUIPMENT REQUIRES CONNECTION TO THE BUILDING ELECTRICAL SYSTEM. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE, CONNECTIONS, RECEPTACLES AND OVERCURRENT PROTECTION NECESSARY TO ENSURE THE EQUIPMENT FUNCTIONS PROPERLY AND COMPLIES WITH ALL APPLICABLE LOCAL AND NATIONAL CODES. COORDINATE EQUIPMENT REQUIREMENTS WITH MANUFACTURER CUT SHEET PRIOR TO ROUGH-IN.

G. ALL BACK BAR AND FRONT BAR J-BOXES AND OUTLETS SHALL BE SURFACE MOUNTED. PROVIDE CONDUITS AS NEEDED AND ONE (1) ADDITIONAL SPARE CONDUIT BETWEEN ALL J-BOXES FOR FUTURE ELECTRICAL REQUIREMENTS. ALL J-BOXES SHALL BE POSITIONED TO AVOID OBSTRUCTION OF ANY EQUIPMENT SUCH AS REFRIGERATORS AND DISHWASHERS.

H. REFERENCE LANDLORD WORK LETTER FOR DIVISION OF ELECTRICAL SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.

I. ALL DATA OUTLETS TO BE ROUTED BACK TO DATA RACK AT MANAGER'S DESK WITH 3/4" UNLESS NOTED OTHERWISE.

J. DIMENSION TO BOXED TOGETHER ROUGH-INS IN CASWORK INDICATING CENTERLINE OF ROUGH-IN GROUP.

ENLARGED ELECTRICAL KEYED NOTES

EL01 PROVIDE ROUGH-IN(S) @ 28" A.F.F. TO TOP OF RECEPTACLE. CIRCUIT RECEPTACLE AS INDICATED. ROUTE DATA BACK TO DATA RACK AT MANAGERS DESK.

EL02 DRIVE-THRU EQUIPMENT: FURNISH AND INSTALL ALL NECESSARY POWER AND DATA ROUGH-INS FOR DRIVE-THRU EQUIPMENT. ALL RECEPTACLES FOR DRIVE-THRU EQUIPMENT TO HAVE A DEDICATED CIRCUIT WITH SURGE PROTECTION. SEE DRIVE-THRU ELEVATION AND DRIVE-THRU PLAN VIEW DETAILS INDICATED FOR EXACT ROUGH-IN TYPES, QUANTITIES, LOCATIONS, DIMENSIONS, AND CIRCUITING.

EL03 ESPRESSO MACHINES: FURNISH AND INSTALL HEAVY DUTY RECEPTACLE AT 28" A.F.F. TO TOP OF RECEPTACLE. FURNISH AND INSTALL HEAVY DUTY ANGLED PLUG. PROVIDE ANY ADDITIONAL CONDUIT, WIRE, PRIMARY AND SECONDARY PROTECTION, AND CONNECTIONS NECESSARY TO INSURE A FUNCTIONAL SYSTEM. VERIFY EXACT ROUGH-IN AND OVERCURRENT PROTECTION REQUIREMENTS WITH MANUFACTURER PRIOR TO COMMENCING WORK.

EL04 INSTALL OWNER PROVIDED IOT MODULE FOR ESPRESSO MACHINES AND WARMING OVENS AND MAKE FINAL CONNECTIONS AS REQUIRED.

EL05 SAFE: FURNISH AND INSTALL QUADPLEX ON A DEDICATED CIRCUIT WITH SURGE PROTECTION AT 28" A.F.F. TO TOP OF RECEPTACLE.

EL06 POS: FURNISH AND INSTALL DUPLEX ON A DEDICATED CIRCUIT WITH SURGE PROTECTION AT 28" A.F.F. TO TOP OF RECEPTACLE. FURNISH AND INSTALL (1) DATA OUTLET AND AT 28" A.F.F. TO TOP OF RECEPTACLE.

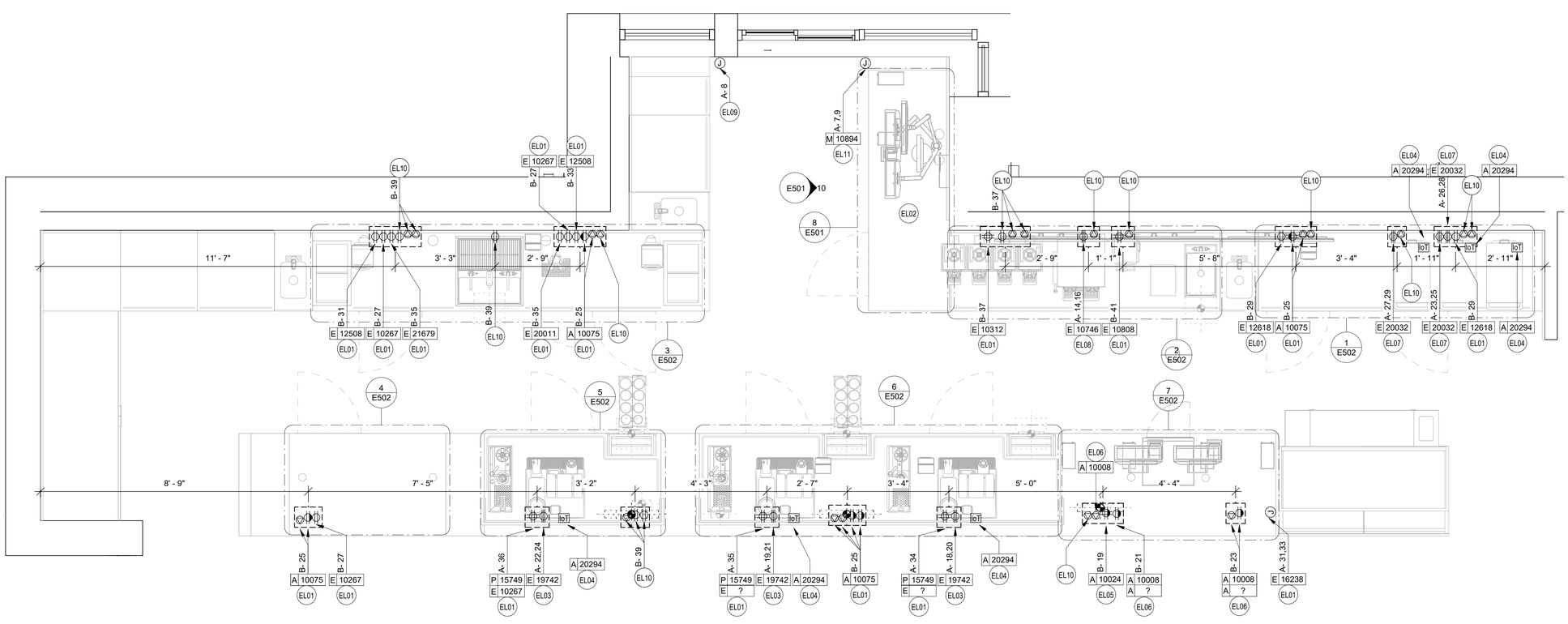
EL07 FURNISH AND INSTALL NEMA 6-30R RECEPTACLE AT 28" A.F.F. TO TOP OF RECEPTACLE TO SUPPORT WARMING OVENS. COORDINATE LOCATION AND CONNECTION REQUIREMENTS WITH STARBUCKS PROJECT MANAGER IN FIELD.

EL08 FURNISH AND INSTALL NEMA 6-50R RECEPTACLES AT 28" A.F.F. TO TOP OF RECEPTACLE TO SUPPORT DUAL BREWER. FURNISH AND INSTALL POWER CORD WITH NEMA 6-50P PLUG. COORDINATE EXACT INSTALLATION REQUIREMENTS WITH MANUFACTURER AND LOCATION AND CONNECTION REQUIREMENTS WITH STARBUCKS PROJECT MANAGER IN FIELD.

EL09 DRIVE-THRU WINDOW CONTROL: LANDLORD TO PROVIDE ROUGH-IN AT WINDOW HEADER HEIGHT. PROVIDE FINAL CONNECTION AS REQUIRED. VERIFY EXACT SCOPE OF WORK WITH LANDLORD AND CONDITIONS IN FIELD PRIOR TO COMMENCING WORK.

EL10 PROVIDE ROUGH-IN AT 28" A.F.F. TO TOP OF RECEPTACLE FOR FUTURE USE. CIRCUIT RECEPTACLE AS INDICATED. ROUTE DATA BACK TO DATA RACK AT MANAGERS DESK.

EL11 DRIVE-THRU AIR CURTAIN: LANDLORD TO PROVIDE DEDICATED CONDUIT TO POWER PANEL AND ALL NECESSARY WIRE AND CONNECTIONS FOR A FUNCTIONAL AIR CURTAIN SYSTEM. COORDINATE WITH MANUFACTURER'S REQUIREMENTS PRIOR TO ROUGH-IN.



1 ENLARGED ELECTRICAL PLACEMENT PLAN
1/2" = 1'-0"

0 1' 2' 4'
Scale: 1/2" = 1'-0"

N

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant

129-22

WILLIAM J. ALKEMEYER LICENSE No. 52422 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	JAK/BMS

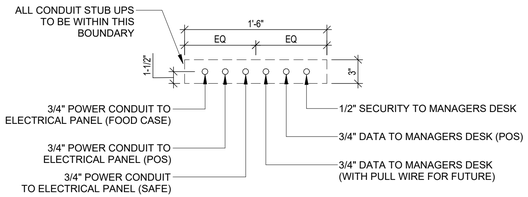
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ENLARGED ELECTRICAL PLACEMENT PLAN
SCALE: AS SHOWN

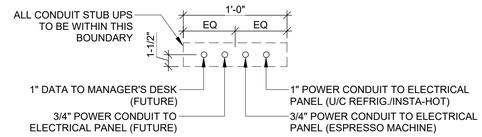
SHEET NUMBER:
E103

C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt
12/6/2023 2:30:03 AM



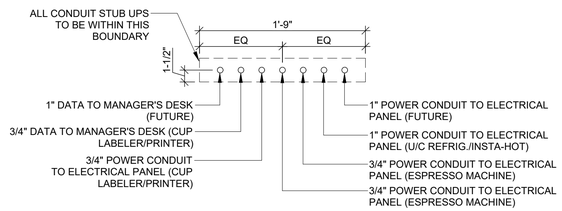
3 ELECTRICAL STUB UP DETAIL - POS

SCALE: NTS



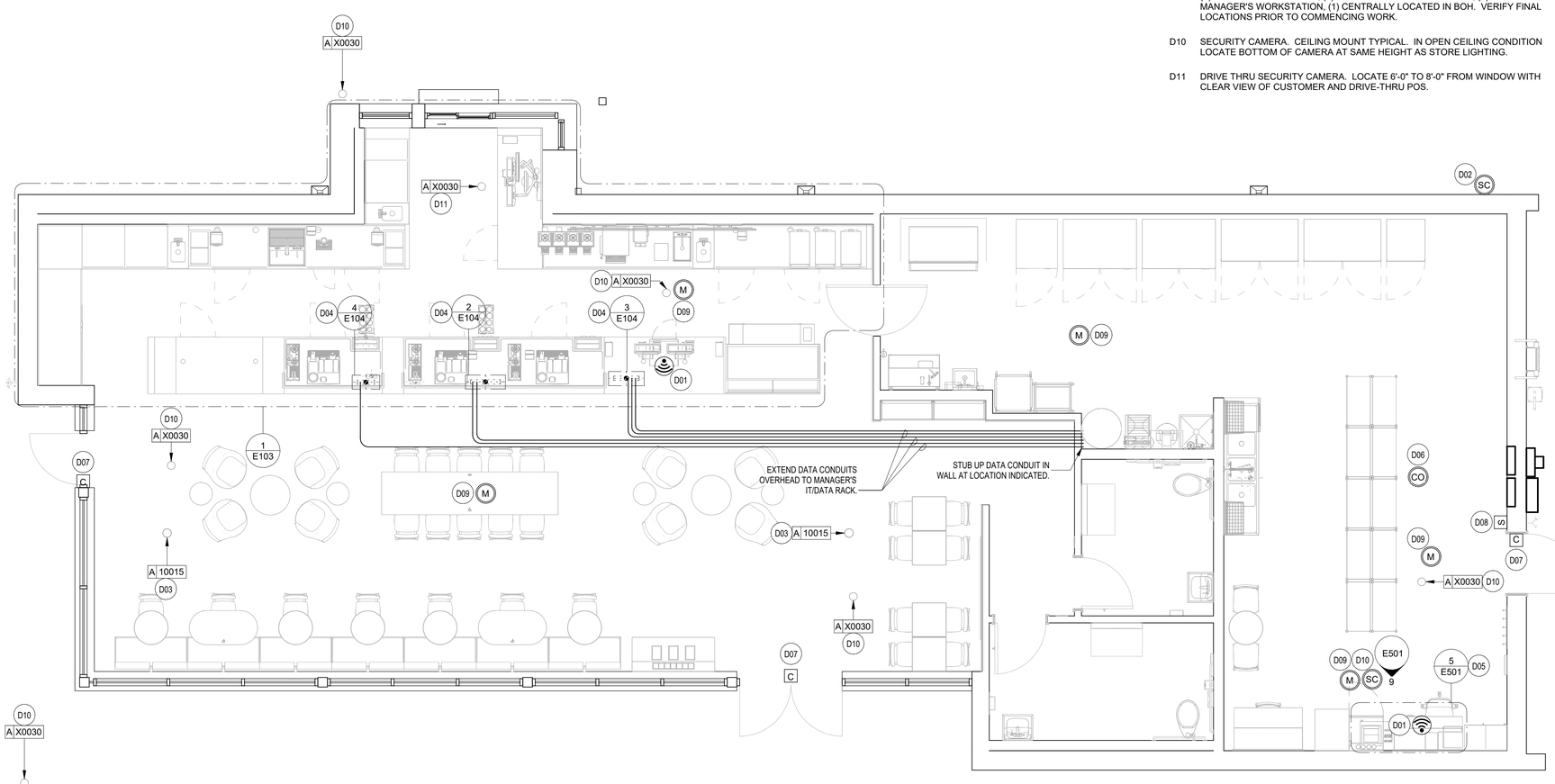
4 ELECTRICAL STUB UP DETAIL - ESPRESSO 2

12" = 1'-0"



2 ELECTRICAL STUB UP DETAIL - ESPRESSO

SCALE: NTS



1 DATA DEVICE PLAN

1/4" = 1'-0"

0 2' 4' 8'

Scale: 1/4" = 1'-0"

N

DATA PLAN KEYED NOTES

D01 CEILING MOUNTED WIRELESS ACCESS POINT (WAP). PROVIDE ROUGH-IN FOR WAP AND CAT6 CABLE FROM EQUIPMENT RACK PATCH PANEL AT MANAGERS DESK TO WAP LOCATION. PROVIDE ROUGH-IN FOR WAP OVER POS COUNTER CENTERED BETWEEN CASH REGISTERS AND OVER MANAGERS DESK . STARBUCKS VENDOR TO INSTALL WAP DEVICE.

D02 PROVIDE DRIVE-THRU SECURITY CAMERA ON EXTERIOR OF BUILDING ONLY AS REQUIRED. VERIFY EXACT REQUIREMENTS WITH OWNER AND/OR OWNERS REPRESENTATIVE PRIOR TO COMMENCING WORK.

D03 PROVIDE ROUGH-IN AND FINAL CONNECTION TO AUDIO SPEAKER. WALL MOUNTED SPEAKER WATTAGE SETTING TO BE 5 VOLT. CEILING MOUNTED PENDANT SPEAKER WATTAGE SETTING TO BE 7.5 VOLT. COORDINATE EXACT LOCATION AND REQUIREMENTS, INCLUDING FINAL WATTAGE SETTING, WITH CONSTRUCTION MANAGER PRIOR TO COMMENCING WORK.

D04 STUB UP POWER, DATA, AND PHONE CONDUITS 6" A.F.F. IN THIS LOCATION. ROUTE POWER CONDUCTORS IN FLEXIBLE METAL CONDUIT TIGHT TO WALL FROM RECEPTACLES TO NEARBY RIGID STUB-UP AND BACK TO SERVING POWER PANEL. ROUTE DATA AND PHONE CONDUITS UNDERFLOOR BACK TO DATA RACK NEAR MANAGERS WORKSTATION. LABEL DATA AND PHONE CONDUITS "FOR DATA CABLING", PROVIDE INSULATED BUSHINGS, AND PROVIDE PULL STRING FROM END TO END. LABEL SECURITY CONDUIT "FOR SECURITY" AND PROVIDE PULL STRING FROM END TO END. SEE SHEET E102 FOR MORE INFORMATION.

D05 MANAGER'S DESK: FURNISH AND INSTALL ALL NECESSARY POWER AND DATA ROUGH-INS FOR MANAGER'S DESK EQUIPMENT. ALL RECEPTACLES TO HAVE INTEGRAL SURGE PROTECTION. SEE MANAGER'S DESK ELEVATIONS AND MANAGER'S DESK PLAN VIEW DETAILS INDICATED FOR EXACT ROUGH-IN TYPES, QUANTITIES, LOCATIONS, DIMENSIONS, AND CIRCUITING.

D06 INSTALL CARBON MONOXIDE DETECTOR IN REAR OF SPACE AT LEAST 10 FEET FROM WATER HEATER PER STARBUCKS DESIGN STANDARDS. CARBON MONOXIDE DETECTOR SHALL BE #US 260 CO-SAFEAIR DETECTOR CONNECTED TO SECURITY CONTROL PANEL. VERIFY MOUNTING HEIGHT WITH EQUIPMENT SUPPLIER AND G.C. IN FIELD.

D07 DOOR POSITION SWITCH. LOCATE ONE AT EACH EXTERIOR DOOR LEAF.

D08 ALARM KEY PAD. LOCATED WITHIN 10'-0" OF EMPLOYEE ENTRANCE. MOUNT AT 42" A.F.F.

D09 PIR MOTION DETECTOR REQUIRED PER STORE AT FOLLOWING LOCATIONS: (1) BEHIND BAR NEAR POS, (1) CENTRALLY LOCATED IN CAFE, (1) AT MANAGER'S WORKSTATION, (1) CENTRALLY LOCATED IN BOH. VERIFY FINAL LOCATIONS PRIOR TO COMMENCING WORK.

D10 SECURITY CAMERA. CEILING MOUNT TYPICAL. IN OPEN CEILING CONDITION LOCATE BOTTOM OF CAMERA AT SAME HEIGHT AS STORE LIGHTING.

D11 DRIVE THRU SECURITY CAMERA. LOCATE 6'-0" TO 8'-0" FROM WINDOW WITH CLEAR VIEW OF CUSTOMER AND DRIVE-THRU POS.

DATA PLAN GENERAL NOTES

1. GENERAL

A. REFER TO SHEET E103 FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF DATA DEVICES IN BAR AREA. REFER TO DETAILS ON SHEETS E501 AND 502 FOR ADDITIONAL INFORMATION.

B. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL VOLTAGE REQUIREMENTS ON ALL EQUIPMENT AND PROVIDING BUCK-BOOST TRANSFORMERS AS MAY BE NEEDED FOR CODE. ALL ARE NOT NECESSARILY INDICATED.

C. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING SECURITY CAMERA LOCATIONS AND MOUNTING HEIGHTS WITH STARBUCKS SECURITY SYSTEM VENDOR PRIOR TO COMMENCING WORK. SECURITY EQUIPMENT AND CABLING SHALL BE PROVIDED AND INSTALLED BY SECURITY SYSTEM VENDOR. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE SECURITY SYSTEM VENDOR AND PROVIDE ALL JUNCTION BOXES AND CONDUITS NECESSARY FRO CABLE CONNECTIONS BETWEEN SECURITY DEVICES AND SECURITY PANEL LOCATED AT THE MANAGER'S WORKSTATION.

D. REFERENCE LANDLORD WORK LETTER FOR DIVISION OF ELECTRICAL SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.

E. DATA CABLING LOCATED ABOVE HEAD SHALL BE PLENUM.

F. DATA CABLING LOCATED UNDERGROUND SHALL BE RATED FOR BELOW GROUND USE.

G. DATA CABLING AT EXPOSED CEILING SHALL BE INSTALLED IN METAL CONDUIT OR PER LOCAL CODE REQUIREMENT.

2. MUSIC SYSTEM

H. THE GENERAL CONTRACTOR SHALL INSTALL SPEAKERS AND WIRING PER VENDOR'S DRAWING

I. SPEAKER PLACEMENT: LOCATE (1) PER 250 SF OF CAFE SPACE 14'-0" MIN. TO 18'-0" MAX. O.C.

J. SPEAKER PAINTING: SPEAKER GRILLS CAN BE PAINTED. ALL GRILL HOLES TO REMAIN OPEN.
NOTE: GRILL HOLES SHALL REMAIN OPEN.

K. THE GENERAL CONTRACTOR SHALL INSTALL THE MUSIC SYSTEM, CONNECT WIRING AND TEST.

3. SECURITY

L. ENTRY CAMERA: CAPTURE ENTIRE DOORWAY AND CUSTOMER TOP OF HEAD TO KNEES. PROVIDE (1) CAMERA AT EACH POINT OF ENTRY.

M. POS CAMERA: PRIMARY OBJECTIVE IS CUSTOMER. SECONDARY IS POS. IDEAL PLACEMENT IS TO CAPTURE BOTH.

N. SAFE CAMERA: POSITION TO VIEW FROM HANDLE SIDE OF DOOR. POS CAMERA CAN BE USED WHEN SAFE IS LOCATED BELOW TERMINALS.

O. DRIVE THRU CAMERA: PRIMARY OBJECTIVE IS CUSTOMER. SECONDARY IS POS. IDEAL PLACEMENT IS TO CAPTURE BOTH.

P. BOH CAMERA: CAPTURES CASH HANDLING AREA.

Q. CARBON MONOXIDE: PROVIDE (1) MINIMUM CARBON MONOXIDE (CO) DETECTOR LOCATED IN THE BACK OF HOUSE. PROVIDE SECOND DETECTOR IN CAFE IF SPACE INCLUDES A FIREPLACE.

4. LOW VOLTAGE CABLING

R. GENERAL CONTRACTOR TO PROVIDE PATHWAYS FOR ALL DATA AND LOW VOLTAGE CABLING DEVICES. CONDUITS CONTAINING MULTIPLE CABLES SHALL BE UPSIZED FOR FUTURE CAPACITY, 1" [25MM] TYPICAL.

S. PROVIDE LABELED, END-TO-END PULL STRINGS RATED TO 25 LBS IN ALL CONDUITS.

T. CONDUIT BEND RADIUS SHALL BE A MINIMUM OF 5x THE INTERNAL CONDUIT DIAMETER.

U. TERMINATE CONDUITS THAT EXTEND THROUGH SLAB A MINIMUM OF 3" [75MM] AFF.

V. FLEX CONDUIT IS GENERALLY UNACCEPTABLE FOR USE AS A COMMUNICATIONS CONDUIT EXCEPT AT SEISMIC JOINTS.

W. ALL SUB-SLAB CONDUITS SHALL BE INSTALLED IN A MANNER THAT PREVENTS WATER INFILTRATION OF THE CONDUIT. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ENSURE RAIN WATER OR CONSTRUCTION WATER IS PREVENTED FROM ENTERING AND/OR REMOVED FROM CONDUIT PRIOR TO PLACEMENT OF CABLES.

X. ALL PULL BOXES SHALL BE SIZED AND INSTALLED PER ANSI/TIA/EIA-569-A. PULL BOXES FOR UNDERGROUND CONDUITS ARE NOT PERMITTED UNLESS OTHERWISE NOTED.

5. BROADBAND CABLE

Y. MAIN POINT OF ENTRY: GENERAL C TO PROVIDE 2" [50MM] MINIMUM CONDUIT PATH FROM THE BUILDING'S MAIN POINT OF ENTRY (MPOE) TO THE CEILING AT THE MANAGER'S WORKSTATION. THE INTERNET SERVICE PROVIDER (ISP) WILL DESIGNATE THE START AND END LOCATIONS OF THE CONDUIT AND ANY BACKBOARD, GROUNDING, AND POWER REQUIREMENTS.

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant

129-22

WILLIAM J. ALKEMEYER LICENSE No. 52422 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	JAK/BMS

Revision Schedule

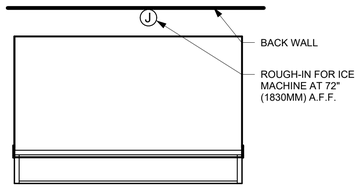
Rev	Date	By	Description

SHEET TITLE:
DATA DEVICE PLAN

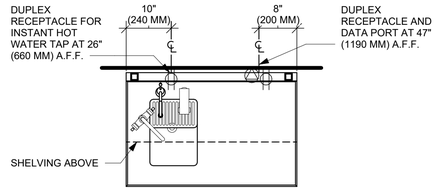
SCALE: AS SHOWN

SHEET NUMBER:
E104

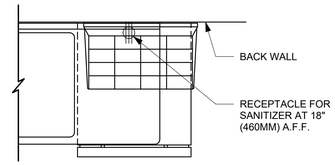
12/6/2023 2:30:10 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt



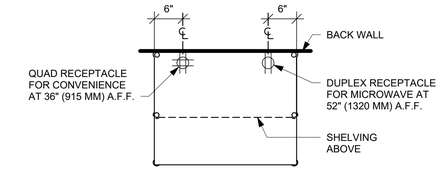
1 ICE MACHINE - ELECTRICAL
3/4" = 1'-0"



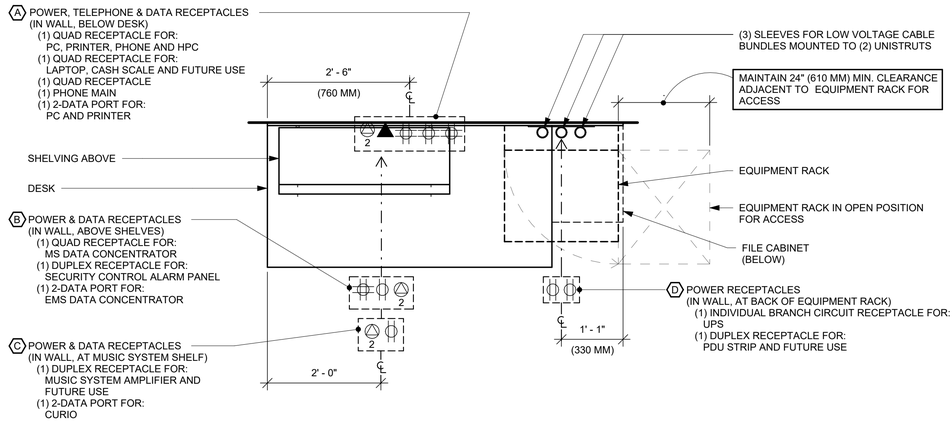
2 WATER FILLING STATION - ELECTRICAL
3/4" = 1'-0"



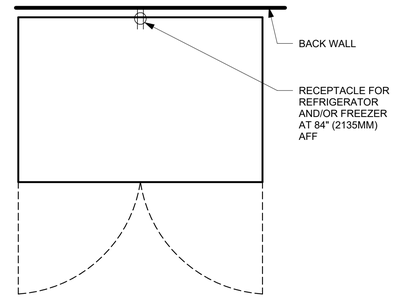
3 SANITIZING WORKSTATION - ELECTRICAL
3/4" = 1'-0"



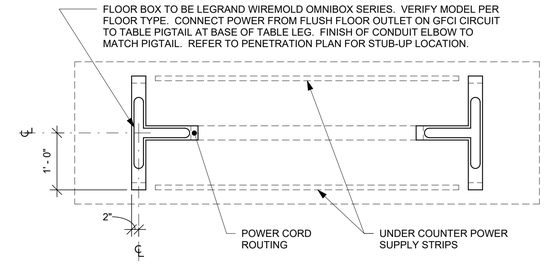
4 PARTNER DESK - ELECTRICAL
3/4" = 1'-0"



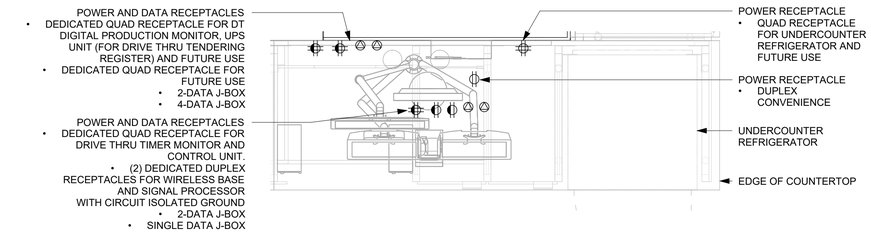
5 MANAGERS DESK, EQUIPMENT RACK RIGHT - ELECTRICAL
3/4" = 1'-0"



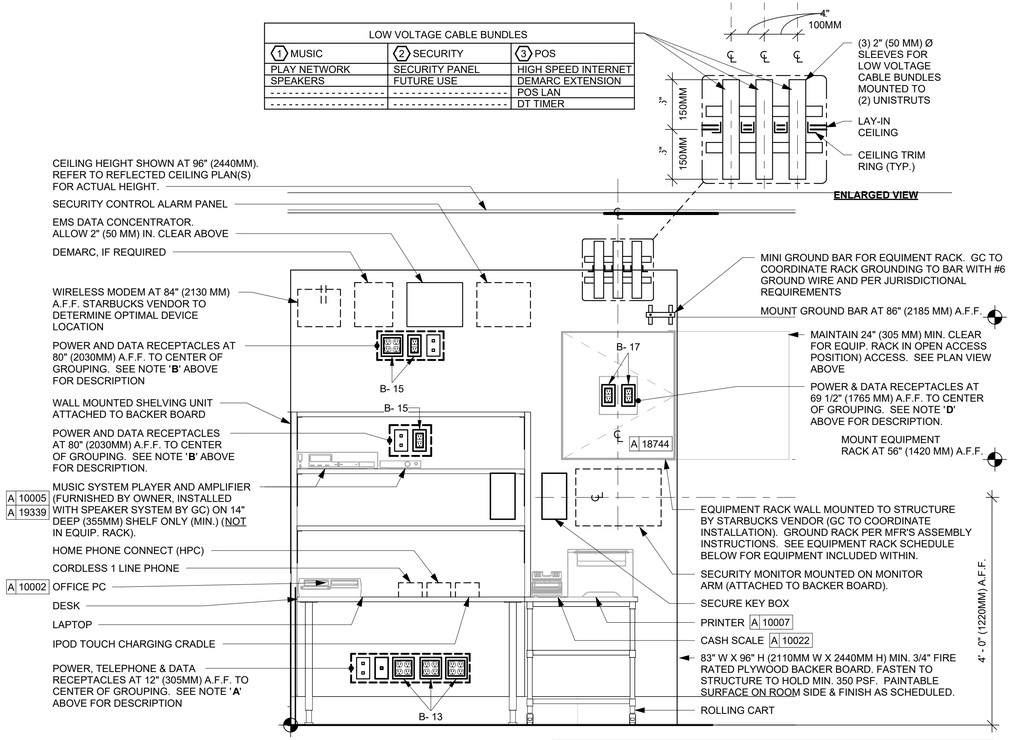
6 REFRIGERATOR/FREEZER - ELECTRICAL
3/4" = 1'-0"



7 TABLE - ANGLED BASE COMMUNITY
3/4" = 1'-0"



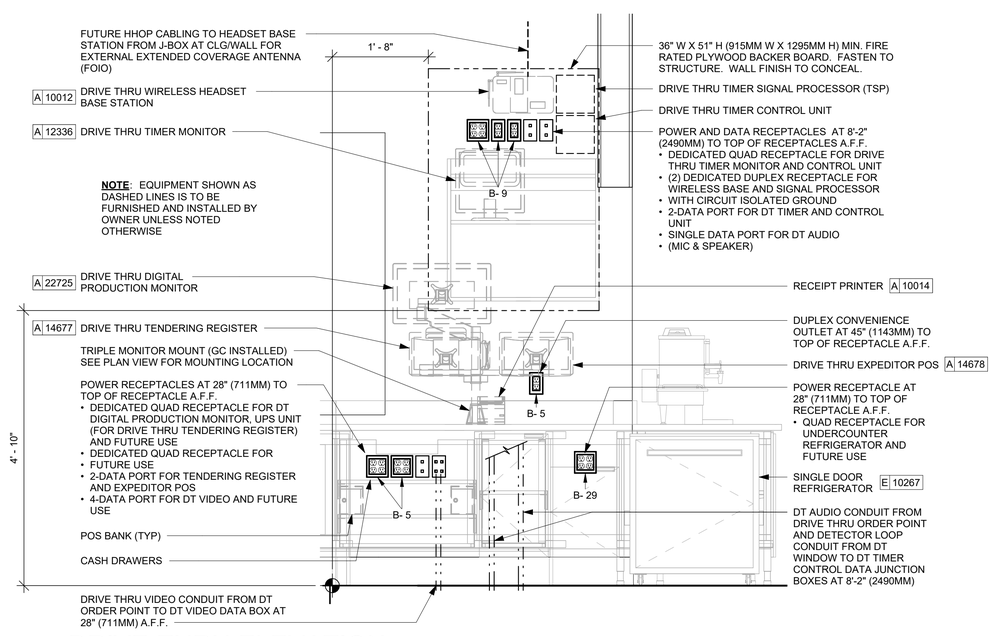
8 POS 08-03 ELECTRICAL
3/4" = 1'-0"



NOTE: EQUIPMENT SHOWN AS DASHED LINES IS TO BE FURNISHED AND INSTALLED BY OWNER UNLESS NOTED OTHERWISE.

EQUIPMENT RACK SCHEDULE		
UPS	NETWORK SWITCH	SECURITY RECORDER (NVR)
IPS EQUIPMENT	PATCH PANEL	SECURITY KEYBOARD
ROUTER	PRODUCTION CONTROLLER DEVICES	

9 MANAGER'S DESK ELEVATION
3/4" = 1'-0"



10 DRIVE-THRU ELEVATION
3/4" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant
129-22

WILLIAM J. ALKEMEYER LICENSE No. 52422 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	JAK/BMS

Revision Schedule

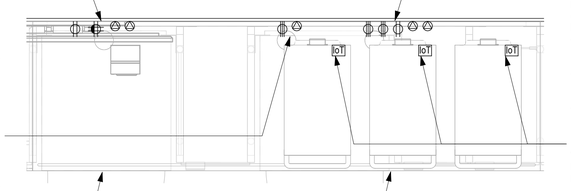
Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL DETAILS

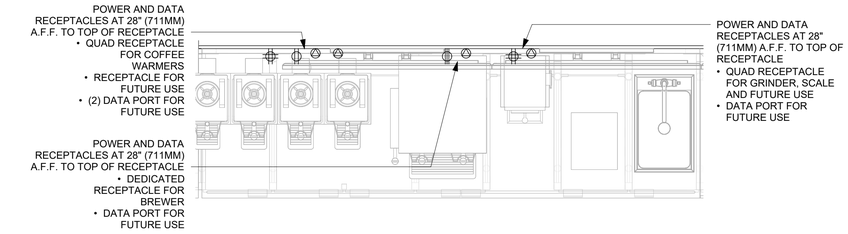
SCALE: AS SHOWN

SHEET NUMBER:
E501

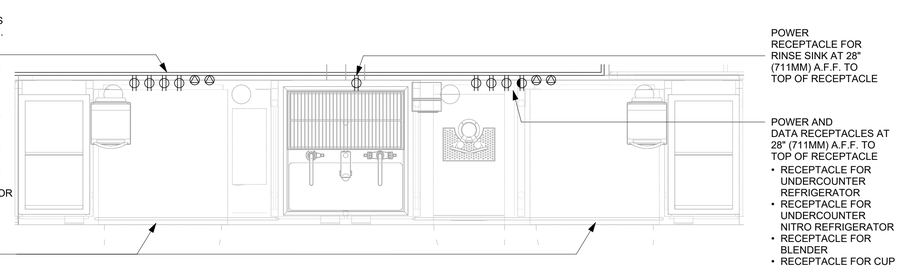
12/6/2023 2:30:12 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt



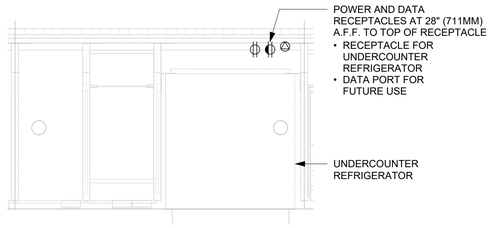
1 WRM 09-03 ELECTRICAL
3/4" = 1'-0"



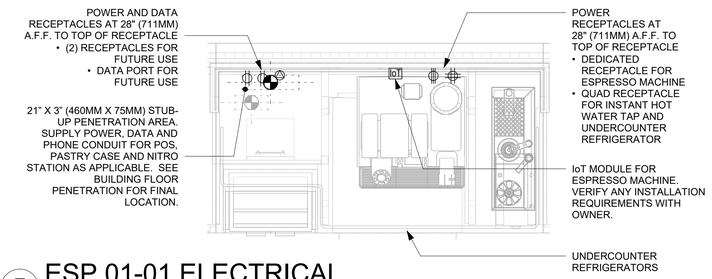
2 BRW 03-01 ELECTRICAL
3/4" = 1'-0"



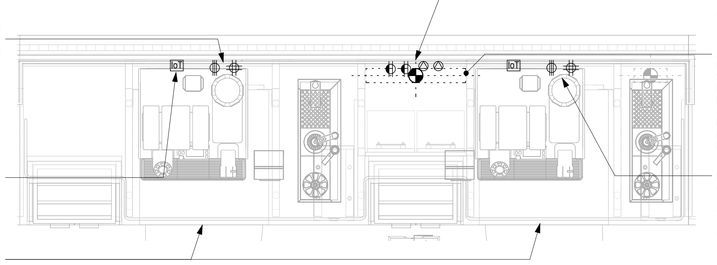
3 CBE 14-02 ELECTRICAL
3/4" = 1'-0"



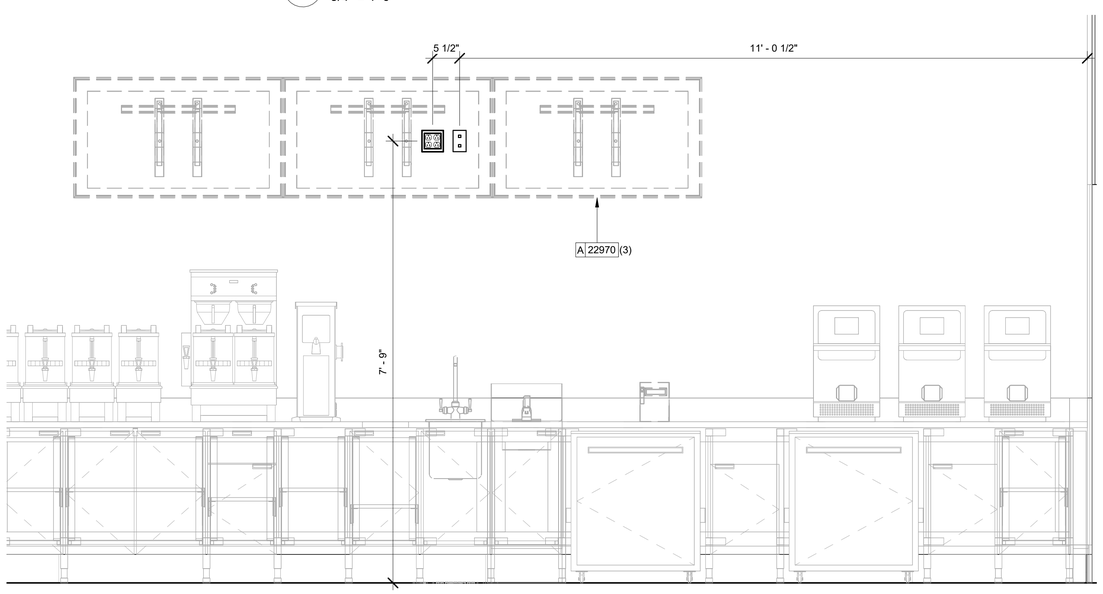
4 CHP 05-04 ELECTRICAL
3/4" = 1'-0"



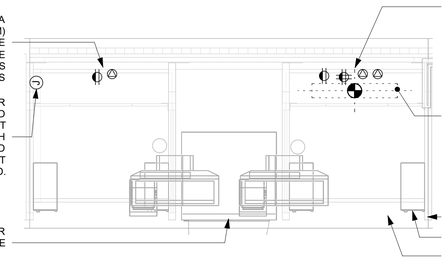
5 ESP 01-01 ELECTRICAL
3/4" = 1'-0"



6 ESP 05-02 ELECTRICAL
3/4" = 1'-0"



8 MENUBOARD ELEVATION
3/4" = 1'-0"



7 POS 05-01 ELECTRICAL
3/4" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant

129-22

WILLIAM J. ALKEMEYER LICENSE No. 52422 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	JAK/BMS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
E502

12/6/2023 2:30:17 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

Panel: A

Mounting: Recessed
Enclosure: Type 1
AIC Rating: VERIFY
Volts: 120/208 Wye
Phases: 3
Wires: 4
Responsibility: CONTRACTOR
MCB Rating: 600A MCB
Mains Type: CU
Mains Rating: 600 A

	CKT	Schedule Circuit Notes	Trip	Poles	A		B		C		Poles	Trip	Schedule Circuit Notes	CKT	
E	1	RTU-1	60 A	3	5536 VA	5536 VA					3	60 A	RTU-2	2	E
	3						5536 VA	5536 VA						4	
	5								5536 VA	5536 VA				6	
E	7	D/T HEATED AIR CURTAIN	40 A	2	3328 VA	600 VA					1	20 A	DRIVE-THRU WINDOW POWER	8	E
	9						3328 VA	528 VA			1	20 A	EF-1	10	E
E	11	EXTERIOR BUILDING LIGHTING/ PATIO...	20 A	1					778 VA	120 VA	1	20 A	TIMECLOCK	12	E
X	13	RTU/ CONVENIENCE RECEPTACLES	20 A	1	900 VA	4170 VA					2	50 A	COFFEE BREWER	14	G
G	15	DISHWASHER	40 A	2			3172 VA	4170 VA						16	
	17								3172 VA	2901 VA	2	40 A	ESPRESSO MACHINE	18	G
G	19	ESPRESSO MACHINE	40 A	2	2901 VA	2901 VA								20	
	21						2901 VA	2901 VA			2	40 A	ESPRESSO MACHINE	22	G
G	23	WARMING OVEN	30 A	2					3000 VA	2901 VA				24	
	25				3000 VA	3000 VA					2	30 A	WARMING OVEN	26	G
G	27	WARMING OVEN	30 A	2			3000 VA	3000 VA						28	
	29								3000 VA	1799 VA	2	30 A	ICE MACHINE	30	
	31	FOOD CASE	20 A	2	708 VA	1799 VA								32	
	33						708 VA	1836 VA			1	20 A	INSTA-HOT TAP/ U.C. REFRIGERATOR	34	G
G	35	INSTA-HOT TAP/ U.C. REFRIGERATOR	20 A	1					1836 VA	1836 VA	1	20 A	INSTA-HOT TAP/ U.C. REFRIGERATOR	36	G
	37	SURGE PROTECTION DEVICE	40 A	3	0 VA	--					1	--		38	
	39						0 VA	--			1	--		40	
	41								0 VA	--	1	--		42	
				Total Load:	45533 VA		47877 VA		43433 VA						
				Total Amps:	382 A		402 A		362 A						

Legend:

G = GFI - FURNISH AND INSTALL GFI BREAKERS AND DEDICATED NEUTRALS FOR THESE CIRCUITS TO PREVENT FALSE TRIPPING. EQUIPMENT AIC RATINGS SHALL EXCEED THE AVAILABLE FAULT CURRENT. CONTRACTOR SHALL VERIFY AVAILABLE FAULT CURRENT WITH UTILITY PRIOR TO CONSTRUCTION. SYSTEM SHALL BE SERIES RATED IF NECESSARY TO LIMIT SHORT CIRCUIT CURRENT TO BELOW 22,000 AIC (FOR GFI BREAKERS). COORDINATE WITH LANDLORD.

E = EXISTING BY LANDLORD

X = EXISTING GFI BREAKER BY LANDLORD. SHALL COMPLY WITH ALL REQUIREMENTS INDICATED IN 'G' LISTED ABOVE.

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	33745 VA	100.00%	33745 VA		
Kitchen Equipment - Non-Dwelling Unit	80964 VA	65.00%	52626 VA	**Total Conn. Load:**	136842 VA
Lighting - General	2280 VA	125.00%	2850 VA	**Total Est. Demand:**	106335 VA
Other	1694 VA	100.00%	1694 VA	**Total Conn.:**	380 A
Power - General	2680 VA	100.00%	2680 VA	**Total Est. Demand:**	295 A
Receptacle	15480 VA	82.30%	12740 VA		
Lighting	0 VA	0.00%	0 VA		

Panel: B

Mounting: Recessed
Enclosure: Type 1
AIC Rating: VERIFY
Volts: 120/208 Wye
Phases: 3
Wires: 4
Responsibility: CONTRACTOR
MCB Rating: 600A MLO
Mains Type: CU
Mains Rating: 600 A

	CKT	Schedule Circuit Notes	Trip	Poles	A		B		C		Poles	Trip	Schedule Circuit Notes	CKT	
G	1	WATER FILLING STATION	20 A	1	1481 VA	1548 VA					1	20 A	DINING AREA/ BACK BAR LIGHTING	2	
G	3	WATER FILTRATION SYSTEM	20 A	1			660 VA	568 VA			1	20 A	WORKROOM/ RESTROOM LIGHTING	4	
G	5	DRIVE-THRU EQUIPMENT	20 A	1					900 VA	360 VA	1	20 A	DIGITAL MENUBOARDS	6	G
G	7	SPARE	20 A	1	0 VA	1644 VA					1	20 A	REACH-IN REFRIGERATORS	8	G
G	9	DRIVE-THRU EQUIPMENT	20 A	1			720 VA	1152 VA			1	20 A	REACH-IN FREEZER	10	G
	11	WATER HEATER	20 A	1					600 VA	1812 VA	1	20 A	REACH-IN FREEZERS	12	G
G	13	MANAGER'S DESK POWER	20 A	1	1080 VA	1560 VA					1	20 A	PARTNER DESK POWER	14	G
G	15	MANAGER'S DESK POWER	20 A	1			720 VA	1080 VA			1	20 A	STOREFRONT SIGNAGE	16	
G	17	MANAGER'S DESK POWER	20 A	1					360 VA	500 VA	1	20 A	DIRECTIONAL SIGNAGE	18	
G	19	SAFE	20 A	1	360 VA	360 VA					1	20 A	PRE-MENU/ MENUBOARD/ CANOPY LTG.	20	
G	21	POS	20 A	1			360 VA	600 VA			1	20 A	DOS	22	
G	23	POS	20 A	1					360 VA	500 VA	1	20 A	PYLON SIGN	24	
G	25	CUP LABELERS	20 A	1	840 VA	0 VA					1	20 A	SPARE	26	G
G	27	UNDERCOUNTER REFRIGERATORS	20 A	1			1440 VA	0 VA			1	20 A	SPARE	28	G
G	29	UNDERCOUNTER REFRIGERATORS	20 A	1					1440 VA	0 VA	1	20 A	SPARE	30	G
G	31	BLENDER	20 A	1	1200 VA	360 VA					1	20 A	RECIRC./ BOOSTER PUMPS	32	G
G	33	BLENDER	20 A	1			1200 VA	1200 VA			1	20 A	HAND DRYER	34	G
G	35	NITRO SYSTEM	20 A	1					606 VA	1200 VA	1	20 A	HAND DRYER	36	G
G	37	COFFEE WARMERS/ FUTURE EQUIPMENT	20 A	1	540 VA	180 VA					1	20 A	COMMUNITY TABLE POWER	38	G
G	39	FUTURE EQUIPMENT	20 A	1			660 VA	900 VA			1	20 A	SHOW WINDOW RECEPTACLES	40	G
G	41	GRINDER	20 A	1					1660 VA	720 VA	1	20 A	BANQUETTE POWER	42	G
				Total Load:	11153 VA		11260 VA		11018 VA						
				Total Amps:	93 A		94 A		92 A						

Legend:

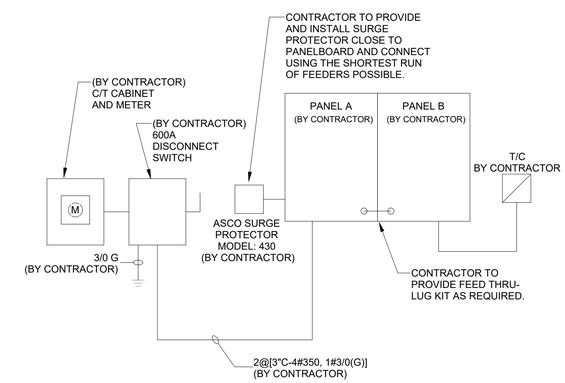
G = GFI - FURNISH AND INSTALL GFI BREAKERS AND DEDICATED NEUTRALS FOR THESE CIRCUITS TO PREVENT FALSE TRIPPING. EQUIPMENT AIC RATINGS SHALL EXCEED THE AVAILABLE FAULT CURRENT. CONTRACTOR SHALL VERIFY AVAILABLE FAULT CURRENT WITH UTILITY PRIOR TO CONSTRUCTION. SYSTEM SHALL BE SERIES RATED IF NECESSARY TO LIMIT SHORT CIRCUIT CURRENT TO BELOW 22,000 AIC (FOR GFI BREAKERS). COORDINATE WITH LANDLORD.

E = EXISTING BY LANDLORD

X = EXISTING GFI BREAKER BY LANDLORD. SHALL COMPLY WITH ALL REQUIREMENTS INDICATED IN 'G' LISTED ABOVE.

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Kitchen Equipment - Non-Dwelling Unit	13694 VA	65.00%	8901 VA		
Lighting - General	1920 VA	125.00%	2400 VA	**Total Conn. Load:**	33430 VA
Other	1276 VA	100.00%	1276 VA	**Total Est. Demand:**	26827 VA
Power - General	1960 VA	100.00%	1960 VA	**Total Conn.:**	93 A
Receptacle	14580 VA	84.29%	12290 VA	**Total Est. Demand:**	74 A
Lighting	0 VA	0.00%	0 VA		

WIRE SIZING SCHEDULE			
BREAKER	WIRE SIZE	GROUND	CONDUIT
20A-1P	(2) #12	#12	3/4"
20A-2P	(3) #12	#12	3/4"
20A-3P	(4) #12	#12	3/4"
30A-1P	(2) #10	#10	3/4"
30A-2P	(3) #10	#10	3/4"
30A-3P	(4) #10	#10	3/4"
40A-2P	(3) #8	#10	3/4"
40A-3P	(4) #8	#10	1"
50A-2P	(3) #6	#10	1"
50A-3P	(4) #6	#10	1"
60A-2P	(3) #4	#10	1"
60A-3P	(4) #4	#10	1-1/4"
70A-3P	(4) #4	#8	1-1/4"
80A-3P	(4) #3	#8	1-1/4"
90A-3P	(4) #2	#8	1-1/4"
100A-3P	(4) #2	#8	1-1/4"
125A-3P	(4) #1	#6	1-1/2"
150A-3P	(4) #1/o	#6	2"
200A-3P	(4) #3/o	#6	2"



1 ONE-LINE DIAGRAM

SCALE: NTS

ONE-LINE NOTES:
CONTRACTOR TO PROVIDE NEW 600A, 120/208V-3PH ELECTRICAL SERVICE TO SPACE INCLUDING INSTALLATION OF ANY REQUIRED CT'S AND METERING AND DISCONNECT IN SPACE. CONTRACTOR SHALL ALSO PROVIDE, INSTALL AND CONNECT ELECTRICAL SERVICE TO, TWO (2) 600 AMP RATED ELECTRICAL PANELS WITH FEED-THRU LUG KIT.

WIRE AND CONDUIT SIZES SHOWN ARE FOR COPPER CONDUCTORS WITH 75°C RATED INSULATION. CONTRACTOR TO PROVIDE PROPERLY SIZED CONDUIT & WIRE TO COMPENSATE FOR ALUMINUM FEEDERS OR VOLTAGE DROP AS REQUIRED.

ALL WORK SHALL BE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS AND LOCAL CODE. CONTRACTOR BID SHALL INCLUDE ALL WORK NECESSARY FOR A FULLY OPERATIONAL SYSTEM.

CONTRACTOR SHALL CONTACT THE ELECTRIC UTILITY CO. TO VERIFY ALL DETAILS OF NEW SERVICE IF EXISTING BUILDING ELECTRICAL SERVICE IS NOT ADEQUATE AND IS RESPONSIBLE FOR ANY FEES.

CONTRACTOR IS RESPONSIBLE FOR A COMPLETE AND OPERATIONAL SYSTEM IN COMPLIANCE WITH NEC AND ALL STATE AND LOCAL CODES.

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant

129-22

WILLIAM J. ALKEMEYER LICENSE No. 52422 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	JAK/BMS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PANEL SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
E601

12/6/2023 2:30:18 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

SPECIALTY EQUIPMENT SCHEDULE - "E"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COOLING					
10267	7	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	SB	GC	
10970	1	FRIDGE REACH IN 1 DOOR LH - 29IN 735MM	SB	GC	
11083	2	FRIDGE REACH IN 2 DOOR - 51X35IN 1295X890MM	SB	GC	
12618	2	FRIDGE UNDERCOUNTER 1 DOOR WITH SHELF - 27IN 685MM	SB	GC	
13620	1	FREEZER REACH IN 1 DOOR LH - 27IN 685MM	SB	GC	
13682	2	FREEZER REACH IN 2 DOOR - 54IN 1370MM	SB	GC	
20011	1	FRIDGE NITRO 2 TAP JT NITCOM RH	SB	GC	KIT INCLUDES UNDERCOUNTER FRIDGE, FONT, TRAY, AND TUBING
EQUIPMENT					
10312	4	BREWER SOFT HEAT WARMING STAND SINGLE	SB	GC	
10746	1	BREWER DUAL SOFT HEAT	SB	GC	
10808	1	GRINDER DITTING KR1203	SB	GC	
10856	6	BREWER SERVER SOFT HEAT	SB	GC	
12508	2	BLENDER QUIET MODEL ON COUNTER	SB	GC	
15186	1	DISHWASHER HOT LOW STEAM	SB	GC	
19742	3	ESPRESSO MACHINE MASTRENA II	SB	GC	
20032	3	OVEN EIKON E2S - BLACK	SB	GC	
21679	1	NITROGEN GENERATOR ELEMENT COMPACT	SB	GC	
FOOD CASE					
16238	1	FOOD CASE - ZEPHYR - 66IN 1675MM	SB	GC	
ICE					
10344	2	ICE - BIN DROP IN 90LB 40KG	SB	GC	
18029	1	ICE - BIN B110	SB	GC	
18845	1	ICE - MACHINE CIM1446HA SERIES AIR COOLED	SB	GC	
19278	3	ICE - BIN DROP IN 45LB 20KG HORIZONTAL	SB	GC	
OTHER					
10091	2	CUP DISPENSER TALL HOT VERTICAL	SB	GC	
10099	2	RESTROOM TOILET PAPER HOLDER	SB	GC	
10172	2	RESTROOM SEAT COVER DISPENSER	SB	GC	
10179	2	HAND DRYER SURFACE MOUNTED	SB	GC	
10384	2	DIAPER CHANGING STATION HORIZONTAL	SB	GC	
10396	2	CUP DISPENSER SHORT HOT VERTICAL	SB	GC	
10501	1	FIRE EXTINGUISHER	GC	GC	LOCALLY SOURCED.
10641	2	RESTROOM TRASH SANITARY NAPKIN WALL MOUNTED	SB	GC	
10769	2	RESTROOM GRAB BAR VERTICAL - 18IN 455MM	SB	GC	
10791	4	CUP DISPENSER GRANDE VENTI COLD VERTICAL	SB	GC	
10855	4	CUP DISPENSER GRANDE VENTI HOT VERTICAL	SB	GC	
10858	2	CUP DISPENSER TALL COLD VERTICAL	SB	GC	
10859	2	RESTROOM GRAB BAR - 48IN 1220MM	SB	GC	
10862	2	RESTROOM GRAB BAR - 36IN 915MM	SB	GC	
10947	1	SOAP DISPENSER WALL MOUNTED	SB	GC	
10977	1	PAPER TOWEL DISPENSER FULL SIZE - TRANSLUCENT GRAY	SB	GC	
11115	2	SOAP DISPENSER SINK MOUNTED	SB	GC	
13330	2	MOBILE CUP DISPENSER CADDY	SB	GC	
13584	2	CUP DISPENSER TRENTA COLD VERTICAL	SB	GC	
20403	6	KEG - 3GAL	SB	GC	
20671	3	CEILING FAN - BIG ASS FANS HAIKU - BLACK	SB	GC	
21988	2	HAND DRYER BACK PANEL	SB	GC	
22627	1	NITRO 2 TAP HANDLE WITH BADGE AND MOUNT KIT	SB	GC	JOE TAP, FOR USE AT BACKBAR NITRO FONT
STORAGE					
10222	2	WIRE SHELF GRID AT SINK	SB	GC	
10416	10	WORKROOM SHELVING - 36IN 915MM	SB	GC	
10462	10	WORKROOM SHELVING POSTS	SB	GC	
10698	1	MOP RACK WITH 3 HOLDERS	SB	GC	
13834	1	BASE - 24X18IN 610X455MM	SB	GC	
17255	1	PASTRY TRAY CART - 60IN 1525MM PASTRY TRAY CART - 60IN 1525MM	SB	GC	
17264	1	ROLLING PASTRY TRAY THAW RACK - 20X26IN 510X660MM	SB	GC	
17639	1	WORKROOM CART - 24IN 610MM	SB	GC	
TK0048	2	5 COMP LOCKER - 15IN 380MM	SB	GC	

PLUMBING FIXTURE SCHEDULE - "P"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DRAIN					
10294	10	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	ZURN FD2372-H, A.R.E. FLOOR SINK WITH 6" SUPM DEPTH AND 1/2 GRATE.
10594	5	DRAIN - SQUARE - 5IN 125MM	GC	GC	JAY R SMITH MODEL #2005Y (B) OR EQUAL
10726	10	DRAIN - GRATE HALF SQUARE - 12IN 305MM	SB	GC	ZURN FD2372-NH3-H. PART NUMBER 29601-003 FOR HALF GRATE OPTION
FAUCET					
10152	1	FAUCET - DOUBLE LABORATORY WITH BENT RISER SPOUT	SB	GC	
10153	5	FAUCET - WATER TOWER - 12IN 305MM	SB	GC	
10215	2	FAUCET - DOUBLE LABORATORY WITH SWING SPOUT	SB	GC	
10447	1	FAUCET - PRE RINSE SPRAYER WALL MOUNTED	SB	GC	
10597	3	FAUCET - SINGLE HANDLE	SB	GC	0.5 GPM FLOW RATE
10804	1	FAUCET - PRE RINSE SWING SPOUT	SB	GC	
10874	1	FAUCET - HOT WATER DISPENSER GOOSENECK	SB	GC	
10922	1	FAUCET - MOP SINK WALL MOUNTED	SB	GC	
10943	1	FAUCET - SINGLE LABORATORY WITH SWING SPOUT	SB	GC	
11003	3	FAUCET - METERED	SB	GC	
13588	1	FAUCET - HAND SINK WALL MOUNTED	SB	GC	
21352	2	FAUCET - RESTROOM WITH MOTION SENSOR	SB	GC	HARD WIRED
22642	3	FAUCET - INSTANTHOT SYSTEM 2 BUTTON WITH BOILER AND BRACKET	SB	GC	'HAT' INCLUDES FONT, UNDERCOUNTER BOILER AND BOILER BRACKET FOR SIDE PANEL MOUNTING. BRACKET CAN BE FLOOR MOUNTED USING SET OF (4) STAINLESS STEEL LEGS, ORDERED SEPARATELY THROUGH VENDOR.
FILTER					
12501	1	FILTER - RO SYSTEM 600GPD	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
12507	1	FILTER - RO SYSTEM 40GAL STORAGE TANK	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
12896	1	FILTER - BRINE TANK	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
12899	2	FILTER - POLY GLASS VESSEL	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
13076	1	FILTER - PREFILTRATION SYSTEM	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
13082	1	FILTER - WATER SOFTENER TWIN	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
13149	1	FILTER - PRESSURE GAUGE	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
OTHER					
22232	1	WATER HEATER TANK GAS - 125K BTU	SB	GC	BRADFORD WHITE COMMERICAL EF SERIES MODEL EF-60T-125-3N (A). 145 GPH RECOVERY @100 DEGREE RISE. SET WATER HEATER TO 140 DEGREES. ENERGY FACTOR 0.96
SINK					
10116	2	SINK - RESTROOM WALL MOUNTED	SB	GC	
10549	1	SINK - RINSE DROP IN SST - 12X20IN 305X510MM	SB	GC	
10995	1	SINK - MOP - 24X24IN 610X610MM	SB	GC	
13264	1	SINK - 3 COMP WORK SST - 93IN 2350MM	SB	GC	
14688	1	SINK - HAND WITH SIDE SPLASH WALL MOUNTED SST	SB	GC	
18743	1	SINK - WATER FILLING STATION - 36X24IN 915X610MM	SB	GC	
22630	1	SINK - RINSE DROP IN - 27X26IN 685X670MM	SB	GC	
22768	3	SINK - COUNTERTOP RINSER WITH WATER TOWER - 26X9IN 660X235MM	SB	GC	
TOILET					
22558	2	TOILET - TANKLESS AUTOMATIC SINGLE FLUSH	GC	GC	WC TO BE PURCHASED THROUGH FERGUSON: NA.PROJECTS@FERGUSON.COM; TOILET: ZURN Z5665-BWL1 HET ELONGATED, ADA HEOGHT, FLOOR MOUNTED ECOVANTAGE FLUSH VALVE TOILET; TOILET SEAT: PROFLO COMMERCIAL TOILET SEAT PFTSCOFE2000WH; FLUSH VALVE: ZURN ZTR6200EC-LL. 1.28 GPF (4.8 LPF); BATTERY POWERED EXPOSED SENSOR FLUSH VALVE FOR SENSOR OPERATED WATER CLOSET.

DATA DEVICE SCHEDULE - "A"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
AUDIO VISUAL					
10005	1	MUSIC SYSTEM	SB	GC	GC TO INSTALL AND TEST SYSTEM.
10012	1	DT COMMUNICATION SYSTEM	SB	SB VENDOR	
10015	2	SPEAKER RECESSED - WHITE	SB	GC	GC TO INSTALL AND TEST SYSTEM.
12336	1	DT TIMER SYSTEM	SB	SB VENDOR	
19339	1	AMPLIFIER - 40W	SB	SB VENDOR	
22549	2	SPEAKER GRILLE RECESSED - BLACK	SB	SB VENDOR	GC TO INSTALL AND TEST SYSTEM.
22725	1	DT DIGITAL PRODUCTION MONITOR	SB	SB VENDOR	PART OF RETAIL IT EQUIPMENT PACKAGE
22726	1	DT POS MONITOR ARM TRIPLE SURFACE MOUNTED	SB	SB VENDOR	PART OF RETAIL IT EQUIPMENT PACKAGE
DATA					
10002	1	COMPUTER MANAGER WORKSTATION	SB	SB VENDOR	
10007	1	PRINTER MANAGER WORKSTATION	SB	SB VENDOR	
18744	1	EQUIPMENT RACK WITH LOCK - 24IN 610MM	SB	SB VENDOR	
20294	6	IOT MODULE	SB	SB VENDOR	
GRAPHICS - INTERIOR MENU					
22970	3	MENU BOARD - DIGITAL MENU BOARD - 44X25.25IN 1121X644MM - BLACK	SB	SB VENDOR	
22971	3	MENU BOARD - DIGITAL MENU BOARD MOUNTING BRACKET SINGLE SCREEN - BLACK	SB	SB VENDOR	
POINT OF SALE					
10008	2	POS - REGISTER WITH COMPACT CASH DRAWER	SB	SB VENDOR	
10014	3	POS PRINTER	SB	SB VENDOR	
10022	1	MONEY COUNTER	SB	SB VENDOR	GC TO COORDINATE WITH SBUX VENDOR.
10029	6	POS BANK	SB	SB VENDOR	
10075	4	CUP LABELER	SB	SB VENDOR	
14677	1	POS - DT TENDERING REGISTER	SB	SB VENDOR	PART OF RETAIL IT EQUIPMENT PACKAGE
14678	1	POS - DT EXPEDITOR	SB	SB VENDOR	PART OF RETAIL IT EQUIPMENT PACKAGE
SECURITY					
10024	1	SAFE LH - 20X18X26IN 510X455X660MM	SB	GC	
10028	1	SAFE BASE	SB	GC	
SECURITY EQUIPMENT					
X0030	7	INTERIOR 360 CAMERA	SB	GC	INTERIOR 360 CAMERA; SKU 110369696

MECHANICAL EQUIPMENT SCHEDULE - "M"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
FAN					
10632	1	RESTROOM EXHAUST	GC	GC	FAN - GREENHECK G-080-VG, 300 CFM, 115V/1 PHASE. WEIGHT= 39 LBS.
10873	1	RESTROOM EXHAUST ROOF CURB AND DAMPER	GC	GC	CURB - GREENHECK GPI-17-G12, DAMPER - GREENHECK WD-90-PB-8X8 (WITH BACKDRAFT PREVENTER)
HVAC					
10317	5	HVAC - VAV SUPPLY 4 WAY SQUARE - 24IN 610MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
10718	3	HVAC - SUPPLY 2 WAY HARD LID SQUARE - 12IN 305MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
11163	4	HVAC - RETURN LAY IN SQUARE - 24IN 610MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
11165	2	HVAC - RETURN CHANNEL FRAME SQUARE - 10IN 255MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
X0006	15	HVAC - LINEAR SUPPLY GRILLE	GC	GC	TITUS ML-39 LINEAR DIFFUSER. PAINT TO MATCH WITH ADJACENT FINISHES AT ENGINE SW7031 & AT CAFE SW7033
OTHER					
17797	1	ENERGY MANAGEMENT SYSTEM - HVAC ONLY	SB	GC	
X0031	1	ACCESS PANEL	GC	GC	BAUCO PLUS II. MODEL #20-58-2424. PAINT TO MATCH ADJACENT CEILING

RESPONSIBILITY LEGEND

GC	GENERAL CONTRACTOR
LL	LANDLORD
SB	STARBUCKS

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant
129-22

WILLIAM J. ALKEMEYER LICENSE No. 52422 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #: 69057
PROJECT #: 94787-001
ISSUE DATE: 12-01-2023
SR. DESIGN MANAGER: L. ALVAREZ-TABIO
PRODUCTION DESIGNER: L. LA SPIA
CHECKED BY: JAK/BMS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
E602

12/6/2023 2:30:20 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

SITE SCHEDULE - "Y"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
EXTERIOR MENU					
22540	1	MENU BOARD - DT 5 PANEL SQUARE FRAME FREESTANDING - 95X62IN 2415X1575MM - BLACK	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. FOOTING AND CONDUIT BY LL.
22542	1	MENU BOARD - DT PRE MENU SQUARE FRAME FREESTANDING - 29X61IN 735X1550MM - BLACK	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. FOOTING AND CONDUIT BY LL.
22546	1	MENU BOARD - DT DIGITAL ORDER SCREEN WITH POST - BLACK	SB	SB/GC	SUPPLIER: IT EQUIPMENT VENDOR (ZONES). SCREEN INSTALLER: REGIONAL SIGNAGE VENDOR. ELECTRICAL: GC CONNECTS DOS WHIPS & STUB-UPS TO DCB. LL TO PROVIDE CONDUIT AND FOOTING
FENCE AND RAILING					
21486	12	FENCE MESH - 54IN 1370MM	SB	GC	
OTHER					
10163	1	DT WINDOW SHELF - 56IN 1420MM - OBSIDIAN PAPERSTONE	SB	GC	CONTACT: MIKE MILLER.MIKE@PAPERSTONEPRODUCTS.COM. 360-538-1510
14103	4	BOLLARD NONILLUMINATED SQUARE - FLAT BLACK MT0028	SB	GC	SB TO PROVIDE SHOP DRAWINGS.SEE DETAILS. DSA PHOTOTECH
22543	1	DT ORDER POINT CANOPY SQUARE FRAME - BLACK	SB	GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. FOOTING AND CONDUIT BY LL.
23113	1	GROUND GRAPHICS DT ENTRY STENCIL	LL	LL	REFERENCE PAINT 20511 FOR SPECIFICATIONS
23115	1	GROUND GRAPHICS DO NOT ENTER STENCIL	LL	LL	REFERENCE PAINT 20511 FOR SPECIFICATIONS
23117	17	GROUND GRAPHICS ARROW STENCIL	LL	LL	REFERENCE PAINT 20511 FOR SPECIFICATIONS
X0002	2	VEHICLE DETECTOR LOOP	SB	GC	SUPPLIER: DT AUDIO VENDOR (HME).
X0005	3	BIKE RACK - OLYMPIA	SB	GC	FORMS & SURFACES: OLYMPIA BIKE RACK. WWW.FORMS-SURFACES.COM; INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

LIGHTING FIXTURE SCHEDULE - "L"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
X0044	1	4A (480W), 120V CURRENT LIMITING DEVICE, WH	SB	GC		
EXIT						
11611	2	EMERGENCY EXIT LIGHT - WHITE	SB	GC	INTEGRATED LED	PER JURISDICTIONAL CODES, LETTERING TO BE RED.
19046	2	LED EXIT SIGN WITH EMERGENCY LIGHT - BLACK AND RED	SB	GC	INTEGRATED LED	
19053	1	LED EXIT SIGN - WHITE AND RED	SB	GC	INTEGRATED LED	
19057	4	LED EMERGENCY LIGHT DOUBLE - BLACK	SB	GC	INTEGRATED LED	
RECESSED CAN						
21771	74	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 800LM FLOOD	SB	GC		
21774	8	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - WHITE - 700LM WF	SB	GC	INTEGRATED LED	
21775	7	CAN - LED WALL WASH - 3IN 75MM - BLACK - 1000LM	SB	GC	INTEGRATED LED	
SCONCE						
16593	2	SCONCE - LED RESTROOM VANITY TUBULAR - OPAL GLASS AND BRUSHED NICKEL	SB	GC	INTEGRATED LED	
20837	7	SCONCE - TECH LIGHTING WINDFALL - BLACK	SB	GC	INTEGRATED LED	
21223	1	LED SECURITY LIGHT WST - SILVER - 1500LM FORWARD	SB	GC	INTEGRATED LED	WST LED P1 40K VF MVOLT DDBTXD
TRACK						
12947	2	TRACK - WITH CONNECTORS - 8FT 244CM - BLACK - 1 CIRCUIT	SB	GC		
12949	6	TRACK - WITH CONNECTORS - 12FT 365CM - BLACK - 1 CIRCUIT	SB	GC		
21779	21	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD	SB	GC	INTEGRATED LED	
TROFFER						
15057	12	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4000LM	SB	GC	INTEGRATED LED	

EXTERIOR SIGNAGE SCHEDULE - "S"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
SIGNAGE - DISK					
13164	2	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 60IN 1525MM	SB	GC	
SIGNAGE - DRIVE THRU					
23105	5	SIGN - DT DIRECTIONAL SIREN WITH ARROW ILLUM DS - NEW FOUNDATION - 44IN 1120MM	SB	GC	
23111	1	SIGN - BREAKAWAY CLEARANCE BAR SQUARE FRAME FREESTANDING - GREEN	SB	GC	
23725	1	SIGN - DIRECTIONAL EXIT ONLY NON-ILLUM DS - NEW FOUNDATION - 44IN 1120MM	SB	GC	
SIGNAGE - OTHER					
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC	EXTEND MOUNTING ARMS SO BOTTOM OF SIGN IS AT 8'-2" AFF. CONTACT MOP@waltonsignage.com
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC	
SIGNAGE - PYLON DISK					
23755	1	SIGN - PYLON DISK DS DRIVE THRU ILLUMINATED - 96IN 2440MM	SB	GC	
SIGNAGE - WORDMARK					
18494	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 12IN 305MM	SB	GC	WHITE LETTERS

RESPONSIBILITY LEGEND

GC	GENERAL CONTRACTOR
LL	LANDLORD
SB	STARBUCKS

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant

129-22

WILLIAM J. ALKEMEYER
LICENSE
No. 52422
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND &
SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	JAK/BMS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
E603

12/6/2023 2:30:22 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITIES HAVING JURISDICTION
APPROX	APPROXIMATE
BLDG	BUILDING
CO2	CARBON DIOXIDE
CD	CEILING DIFFUSER
CLG	CEILING
CONST	CONSTRUCTION
CXA	COMMISSIONING AGENT
DEG	DEGREES
DM	STARBUCKS DESIGN MANAGER
DN	DOWN
DTL	DETAIL
DWG(S)	DRAWING(S)
EA	EACH
EC	ELECTRICAL CONTRACTOR
ECP	EQUIPMENT CONTROL PAC
EG	EXHAUST GRILLE
ELEC	ELECTRICAL
EM	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EXIST	EXISTING
EXT	EXTERIOR
F&I	FURNISH & INSTALL
FLR	FLOOR
FT	FOOT/FEET
G	GAS PIPING
GC	GENERAL CONTRACTOR
HR	HOUR
HVAC	HEATING, VENTILATION, AIR CONDITIONING
I.D.	INSIDE DIAMETER
IAQ	INDOOR AIR QUALITY
LCP	LIGHTING CONTROL PANEL
LL	LANDLORD
LV	LOW VOLTAGE
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL AND PLUMBING
MFG	MANUFACTURER
MIN	MINIMUM
NTS	NOT TO SCALE
O.D.	OUTSIDE DIMENSION
OSA	OUTSIDE AIR
REF	REFERENCE
REQ'D	REQUIRED
REV	REVISION
RT	ROOFTOP
SF	SQUARE FEET
SHT	SHEET
SPECS	SPECIFICATION(S)
SST	STAINLESS STEEL
TEMP	TEMPORARY
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
WH	WATER HEATER
WSHP	WATER SOURCE HEAT PUMP

MECHANICAL SYMBOL LEGEND

TYPICAL SUPPLY DUCT UP/DN

TYPICAL RETURN OR EXHAUST DUCT UP/DN

TURNING VANES

EF-1 EQUIPMENT DESIGNATION

T THERMOSTAT

S TEMPERATURE SENSOR

AIRFLOW ARROW

12 X 8 — INDICATES UNLINED 12" X 8" O.D. SHEETMETAL
1ST FIGURE = SIDE SHOWN
2ND FIGURE = SIDE NOT SHOWN

FLEXIBLE DUCT

M | H001 — DIFFUSER ITEM#
XXX CFM — DESIGN CFM (WHERE APPLICABLE)
XX" Ø — NECK SIZE

CEILING DIFFUSERS

CEILING RETURN GRILLE

CEILING EXHAUST GRILLE

CONTROLS AND OPERATION NOTES

THE GENERAL CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING COMPONENTS:

CONTROL WIRING
THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL CONTROL WIRING IN CONDUIT NECESSARY FOR THE COMPLETE AND PROPER OPERATING TEMPERATURE CONTROL SYSTEM INCLUDING ALL MODES OF OPERATION AND INTERLOCK.

EXHAUST FANS
RESTROOM EXHAUST FAN(S) TO BE OPERATED IN CONJUNCTION WITH STORE HOURS UNLESS OTHERWISE NOTED OR APPROVED OR AS REQUIRED BY JURISDICTION (COORDINATE WITH ELECTRICAL).

THERMOSTAT
PERMANENT THERMOSTAT(S) AND REMOTE SENSOR(S) SHALL BE FURNISHED AND INSTALLED. ONE THERMOSTAT AND SENSOR IS PROVIDED FOR EACH UNIT. MOUNT THERMOSTAT(S) AND SENSOR(S) IN LOCATION & HEIGHT AS INDICATED ON DRAWINGS. MECHANICAL CONTRACTOR TO PROVIDE THERMOSTAT IDENTIFICATION LABELS PER SPECIFICATION REQUIREMENTS. REFER TO THERMOSTAT SETUP INSTRUCTIONS BELOW FOR ADDITIONAL REQUIREMENTS.

THERMOSTAT SETUP INSTRUCTIONS
PROVIDE THE FOLLOWING SETUP AND PROGRAMMING:

1. CONFIGURE AS FOLLOWS:
   - A. DEGREES "F" DISPLAY
   - B. 12 HOUR CLOCK
   - C. CONTINUOUS FAN OPERATION IN OCCUPIED MODE
   - D. DISABLE KEYBOARD PROGRAMMING
2. SET TIME AND DATE.
3. SET TO DISPLAY CURRENT TEMPERATURE.
4. SET OCCUPIED START TIME AT 30 MIN. BEFORE OPENING. SET UNOCCUPIED START TIME AT 30 MIN. AFTER CLOSING. VERIFY HOURS WITH STORE MANAGER OR CONSTRUCTION MANAGER.
5. SET POINTS SHALL BE AS FOLLOWS OR AS APPROPRIATE FOR CLIMATE:
   - A. OCCUPIED (5° F DEADBAND) (3° C DEADBAND)
     - I. HEATING: 70° F (21° C)
     - II. COOLING: 75° F (24° C)
   - B. UNOCCUPIED
     - I. HEATING: 60° F (15° C)
     - II. COOLING: 78° F (25° C)
6. SET TWO (2) HOUR OCCUPIED OVERRIDE FUNCTION TO PROVIDE THE FOLLOWING SET POINT OVERRIDES:
   - A. HEATING: +2° F (1° C)
   - B COOLING: -2° F (1° C)

SYSTEM COMMISSIONING

CONTRACTOR RESPONSIBILITIES FOR BUILDING COMMISSIONING

CONTRACTOR SHALL PROVIDE SUPPORT AND WORK AS SPECIFIED, NEEDED AND REQUIRED TO CONDUCT AND FACILITATE STARBUCKS STAFF BUILDING COMMISSIONING EFFORTS. THIS WORK WILL BE COMPRISED OF THREE DISTINCT EFFORTS:

1. SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES.
2. PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUP AND SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA;
3. CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS.

CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:

A. SYSTEMS SUBJECT TO COMMISSIONING MAY INCLUDE , BUT ARE NOT LIMITED TO DOMESTIC HOT WATER GENERATION, HVAC SYSTEMS, ROOFTOP UNITS, EXHAUST FANS, HVAC CONTROLS, LIGHTING CONTROLS AND AIR CURTAINS.

B. CONTRACTOR SHALL PROVIDE WRITTEN RESPONSES TO ALL CXA'S REVIEWS AND COMMENTS. RESPONSES SHALL BE PROVIDED IN A TIMELY MANNER.

C. CONTRACTOR SHALL INCLUDE COMMISSIONING ACTIVITIES IN PROJECT SCHEDULE AND SHOW INTERVALS FOR PERFORMANCE OF WORK FOR WHICH CONTRACTOR IS RESPONSIBLE AND INTERVALS FOR WORK PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SHOW RESOURCES FOR PERFORMING ALL WORK RELATED TO COMMISSIONING ACTIVITIES ON A LINE ITEM IN THE SCHEDULE OF VALUES.

D. CONTRACTOR SHALL INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND ALL CONTRACT DOCUMENTS. ENSURE THAT ALL EQUIPMENT IS INSTALLED TOTALLY COMPLETE AND ACCESSIBLE TO STARBUCKS CXA FOR INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING PRIOR TO THE SCHEDULED START OF INSTALLATION VERIFICATION.

E. CONTRACTOR SHALL COMPLETE MANUFACTURER'S STARTUP PROCEDURES PRIOR TO COMMISSIONING COORDINATION WITH CXA.

F. CONTRACTOR SHALL BE READILY AVAILABLE DURING INSTALLATION VERIFICATION TO CORRECT ANY DEFICIENCIES OR DEFECTS IS CLOSED BY THE INSTALLATION VERIFICATION PROCESS. CORRECTIONS SHALL BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION OF THE CONSTRUCTION SCHEDULE.

G. ALL HVAC EXHAUST FAN AND AIR CURTAIN EQUIPMENT SHALL BE TESTED, ADJUSTED AND BALANCED BY THE CONTRACTOR'S TESTING, ADJUSTING AND BALANCE AGENT (SEE TESTING ADJUSTING AND BALANCING) AFTER THE SYSTEM IS VERIFIED TO BE COMPLETE AND CORRECT BY STARBUCKS CXA. IN ACCORDANCE WITH THE REQUIREMENTS OF THESE DOCUMENTS. ALL HVAC CONTROL SYSTEMS SHALL BE TESTED TO ENSURE THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. SEQUENCES OF OPERATION SHALL BE TESTED TO ENSURE THAT THEY OPERATE IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS. DELIVERABLES: PRELIMINARY, WRITTEN TESTING AND AIR BALANCE REPORT CONFORMING TO THE REQUIREMENTS SPECIFIED HEREIN, DOCUMENTING THE INFORMATION SPECIFIED, ETC... TO THE STARBUCKS CXA IMMEDIATELY UPON COMPLETION OF THE WORK.

H. PROVIDE A LIST OF ALL FACTORY AND FIELD SETTINGS THAT HAVE BEEN PROGRAMMED INTO THE EQUIPMENT (SUCH AS SETPOINTS, SCHEDULES, DIP SWITCH SETTINGS, CONDENSER AND EVAPORATOR OPERATING PRESSURE/TEMPERATURE, ETC...).

I. CONTRACTOR SHALL INFORM STARBUCKS CXA WHEN EQUIPMENT IS READY FOR FUNCTIONAL PERFORMANCE TESTING. ALL EQUIPMENT SHALL BE READY FOR FUNCTIONAL PERFORMANCE TESTING PRIOR TO STARTING TESTING. THIS INCLUDES REHEARSING ALL FUNCTIONAL PERFORMANCE TESTS BEFORE DEMONSTRATING TO THE CXA. CONTRACTOR SHALL OPERATE EQUIPMENT FOR STARBUCKS CXA AND VERIFY BY DEMONSTRATING THE CORRECT OPERATION OF EQUIPMENT, SENSOR CALIBRATION, RESPONSE OF ACTUATORS AND PROPER EXECUTION OF HVAC CONTROL AND LIGHTING SEQUENCES, INCLUDING BUT NOT LIMITED TO AIR MOVEMENT, TEMPERATURE, SOUND AND CONTROL RESPONSE. PROVIDE ANY SECURITY ACCESS, HARDWARE, SOFTWARE OR OTHER SUPPORT AS NEEDED FOR THE STARBUCKS CXA TO EFFICIENTLY WITNESS AND DOCUMENT ALL EQUIPMENT TESTING. STARBUCKS CXA WILL RECORD THE EQUIPMENT OPERATION AND RESPONSE TO TESTING SEQUENCES AND PREPARE A LIST OF ANY DEFICIENCIES DISCLOSED BY THE FUNCTIONAL PERFORMANCE TESTS FOR CORRECTION BY THE CONTRACTOR. EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, AIR HANDLING UNITS, ROOFTOP AND SPLIT TYPE, CONDENSING UNITS, EXHAUST FANS, LIGHTING CONTROLS, ETC... DELIVERABLES: PROVIDE COMPLETED COPIES OF ALL START UP REPORTS, FILLED OUT ON THE MANUFACTURER'S FORMS, TO THE STARBUCKS CXA.

J. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES DISCLOSED DURING THE FUNCTIONAL PERFORMANCE TESTING PROCESS. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE.

K. CONTRACTOR SHALL BE READILY AVAILABLE FOR ANY RE-TESTING OF EQUIPMENT DEEMED NECESSARY BY STARBUCKS CXA DURING INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES FOUND IN THE SYSTEM DURING ANY AND ALL RE-TESTING. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE. DELIVERABLES: FINAL BALANCE REPORT, DEFICIENCIES LIST NOTING CORRECTIVE ACTIONS PERFORMED BY CONTRACTOR IN RESPONSE TO INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TEST RESULTS.

L. CONSTRUCTION AND POST CONSTRUCTION TESTING: ADDITIONAL TESTING MAY BE REQUIRED BY LEED AND OTHER PROCESSES THAT MAY OCCUR OUT OF SEQUENCE WITH COMMISSIONING SERVICE. CONTRACTOR SHALL CONDUCT. DOCUMENT, SUPPORT AND SCHEDULE THIS TESTING AS DIRECTED BY STARBUCKS CXA.

SYSTEM COMMISSIONING (continued)

M. CONTRACTOR SHALL PROVIDE A TRAINING PLAN FOR EACH TRADE (MECHANICAL, ELECTRICAL, PLUMBING) FOR THE CXA'S APPROVAL. THE TRAINING PLAN SHALL OUTLINE ALL THE TOPICS THAT ARE TO BE COVERED ALONG WITH THE TIME DURATION FOR EACH TOPIC. IT SHALL ALSO INCLUDE THE INSTRUCTOR'S NAME, QUALIFICATIONS AND COMPANY LOGO.

N. THE CONTRACTOR IS RESPONSIBLE FOR RECORDING ATTENDANCE FOR EACH TRAINING SESSION. COPIES OF THESE SHALL BE SUBMITTED TO THE CXA.

O. CONTRACTOR SHALL SUBMIT O&M MANUALS FOR ALL PIECES OF EQUIPMENT AT LEAST 6 WEEKS IN ADVANCE OF THE TRAINING SESSIONS.

HVAC EQUIPMENT AND MATERIALS

FILTERS
IF OPERATING HVAC DURING CONSTRUCTION, PROVIDE THREE (3) SETS OF 2" (51MM) MERV6 PLEATED DISPOSABLE FILTERS (OR HIGHER RATING IF REQUIRED BY LEED). USE ONE SET UNTIL COMPLETION OF CONSTRUCTION. INSTALL ONE SET AT COMPLETION OF CONSTRUCTION (PRIOR TO TAB) AND DELIVER ONE SET OF MERV13 FILTERS TO STARBUCKS LABELED TO DENOTE THEIR RESPECTIVE AIR HANDLING UNIT.

BRACING AND ANCHORING
ALL MECHANICAL EQUIPMENT, FIXED OR FLEXIBLY MOUNTED, SHALL BE BRACED OR ANCHORED TO COMPLY WITH LOCAL CODES.

DUCTWORK AND ACCESSORIES

SHEET METAL DUCTWORK
ASSEMBLE AND INSTALL DUCTWORK IN ACCORDANCE WITH RECOGNIZED INDUSTRY PRACTICE FOR ACHIEVING AIR TIGHT (5% LEAKAGE) AND NOISELESS (NO OBJECTIONABLE NOISE) SYSTEMS. NO VARIATION OF DUCT CONFIGURATION OR SIZES WILL BE PERMITTED EXCEPT BY PERMISSION FROM THE ENGINEER.

DAMPERS
PROVIDE CONVENIENTLY LOCATED ACCESS DOORS OF AMPLE SIZE AND QUANTITY FOR SERVICING THE DAMPERS. PROVIDE MOTORIZED DAMPERS AT ALL INTAKE & EXHAUST BUILDING OPENINGS. COORDINATE WITH OTHER TRADES FOR ACCESS PANELS, POWER AND FIRE ALARM INTERFACES. SEE PROJECT MANUAL.

ACOUSTICAL DUCT LINER
UNLESS OTHERWISE INDICATED ON THE PLANS, PROVIDE 1" (25MM) ACOUSTICAL DUCT LINER IN SUPPLY AND RETURN DUCTWORK WITHIN 10'-0" (305CM) OF THE DISCHARGE AND INTAKE OF AIR HANDLING UNITS. INCREASE DUCT SIZE INDICATED ON PLANS AS NEEDED TO ACCOMMODATE LINER. LINER TO BE PROVIDED AND FASTENED TO DUCT WITH MECHANICAL LINER FASTENERS IN ACCORDANCE WITH SMACNA AND PROJECT MANUAL.

FLEXIBLE DUCTWORK
FLEXIBLE DUCT WORK SHALL ONLY BE INSTALLED AS SHOWN IN PLAN AND NOT ABOVE HARD LID CEILINGS. FLEXIBLE DUCTWORK SHALL NOT EXCEED 5'-0" (152CM) IN LENGTH AND TWO 45° ELBOWS. IT SHALL BE PULLED TAUT AND APPROPRIATELY FASTENED TO RIGID BRANCH DUCT & DIFFUSER. BENDS SHALL BE MINIMIZED AND WHERE NEEDED BE A FULL RADIUS BEND. SUPPORT BANDS SHALL BE INSTALLED SO AS TO NOT CRIMP FLEX DUCT. FLEXIBLE DUCTWORK SHALL MEET REQUIREMENTS.

TESTING, ADJUSTING, BALANCING

INDEPENDENT AIR BALANCE CONTRACTOR OR QUALIFIED MECHANICAL CONTRACTOR SHALL BE QUALIFIED BY NEBB OR AABC STANDARDS. BALANCER SHALL ACCURATELY BALANCE THE SUPPLY, RETURN AND OUTSIDE AIR, EXHAUST FAN(S), HYDRONIC (WHERE APPLICABLE) AND EXHAUST FAN(S) SYSTEMS TO PROVIDE AIR AND WATER QUANTITIES WITHIN 10% PLUS MINUS OF THE VALUES INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS UNLESS MANUFACTURER REQUIRES TIGHTER TOLERANCES. OPERATE AUTOMATIC CONTROLS SYSTEMS AND VERIFY SETPOINTS FOR THERMOSTATS, C02 SENSORS, DCV, EMS AND ECONOMIZER/OUTSIDE AIR DAMPER. SEE CONTROLS AND OPERATION NOTES AND HVAC SCHEDULES AND NOTES FOR DETAILS. IF DEFICIENCIES OR SITE CONDITIONS PREVENT COMPLETE AND PROPER BALANCING, DO NOT COMPLETE WORK AND SUBMIT A REQUEST FOR INFORMATION TO GET COMPLETE INFORMATION PRIOR TO COMPLETING WORK. SUBMIT THREE (3) COPIES OF THE BALANCE REPORT TO THE ENGINEER, CONSTRUCTION MANAGER AND COMMISSIONING AGENT FOR APPROVAL. THE BALANCE REPORT SHALL INCLUDE NEBB OR AABC CREDENTIALS, EQUIPMENT/INSTRUMENT LIST WIT THE MOST RECENT CALIBRATION DATE AND BALANCE REPORTS FOR ALL HVAC AND EXHAUST SYSTEMS. T&B REPORT SHOULD MATCH NEBB OR AABC STANDARD REPORTS INCLUDING UNIT TEST DATA WITH TEMPERATURES, PRESSURES AND STATIC PRESSURE PROFILES. INCLUDE A COPY OF THE BALANCE REPORT AS APPROVED BY THE ENGINEER WITH APPLICATION FOR FINAL CONTRACT PAYMENT.

IAQ MANAGEMENT PLAN

DURING CONSTRUCTION, CONTRACTOR SHALL COMPLY WITH CHAPTER 3 OF SMACNA'S IAQ GUIDELINES FOR OCCUPIED BUILDINGS UNDER CONSTRUCTION. CONTRACTOR SHALL PERFORM AND SUBMIT ALL INFORMATION AS REQUIRED. IF HVAC SYSTEM IS TO BE USED DURING CONSTRUCTION, INSTALL MERV 8 FILTERS AT EACH RETURN AIR GRILL AND COMPLY WITH SMACNA'S GUIDELINES.

ENERGY MANAGEMENT SYSTEM (EMS)

THE GENERAL CONTRACTOR SHALL INSTALL (OR DEMO AND REINSTALL FOR RENOVATIONS) THE VENSTAR SURVEYOR EMS SYSTEMS PRIOR TO THE LAST WEEK OF CONSTRUCTION. GENERAL CONTRACTOR TO PROVIDE ONE PERMANENT THERMOSTAT AND REMOTE SENSOR PER HVAC UNIT. LOCATE AND MOUNT THERMOSTAT(S) AND SENSOR(S) PER THE DRAWINGS. PROVIDE THERMOSTAT IDENTIFICATION LABELS PER SPECIFICATION REQUIREMENTS.

GENERAL CONTRACTOR TO PROGRAM, START-UP AND COMMISSION THE CONTROL SYSTEM. GENERAL CONTRACTOR IS TO COMPLETE FINAL CONNECTION AFTER DATA RACK AND NETWORK INSTALLATIONS. GENERAL CONTRACTOR VENDOR TO VERIFY SYSTEM OPERATION AND TROUBLESHOOT IF REQUIRED. GENERAL CONTRACTOR TO COMPLETE SURVEYOR'S STARBUCKS INSTALLATION SURVEY FORM AND PROVIDE TWO (2) COMPLETED COPIES OF THIS DOCUMENT TO THE CONSTRUCTION MANAGER AND COMMISSIONING AGENT PRIOR TO FINAL PAYMENT.

GENERAL MECHANICAL NOTES

1. MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF WORK.
2. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL INTENT OR ARRANGEMENT OF SYSTEM(S). FURNISH & INSTALL ALL COMPONENTS NEEDED WHETHER INDICATED OR NOT TO PROVIDE A COMPLETE AND OPERATING SYSTEM.
3. CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES, AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM ACTUAL BUILDING DIMENSIONS.
4. THE MECHANICAL CONTRACTOR SHALL COORDINATE HVAC WORK WITH OTHER TRADES. THE ARCHITECTURAL DRAWINGS AND PROJECT MANUAL SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. SEE ARCHITECTURAL DRAWINGS AND PROJECT MANUAL FOR DIMENSIONED DIFFUSER LOCATIONS AND MOUNTING HEIGHTS WHERE EXPOSED.
5. NEW DUCTWORK AND EQUIPMENT SHALL NOT BE INSTALLED WHERE IT OBSTRUCTS ANY EXISTING OR NEW AREAS THAT REQUIRE ACCESS.
6. INSULATE DUCTWORK PER CODE AND SPEC. REQUIREMENTS. COORDINATE CLEARANCE REQUIREMENTS FOR ADDED INSULATION.
7. ALL IS NEW UNLESS NOTED OTHERWISE.

GENERAL NOTES

SCOPE
THE INTENT OF THE PROJECT MANUAL AND THE DRAWINGS IS TO PROVIDE A COMPLETE AND FULLY OPERATIONAL MECHANICAL SYSTEM. THE MECHANICAL CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THE MECHANICAL WORK.

SITE EXAMINATION
THE MECHANICAL CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE EQUIPMENT, DUCTWORK, AND PIPING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT, IN HIS OPINION, PREVENTS THE PROPER INSTALLATION OF THE MECHANICAL WORK.

PENETRATIONS
WHERE PIPES AND DUCTS PENETRATE WALL, SEAL OPENINGS TO PREVENT AIR TRANSFER BETWEEN SPACES. USE FIRE RATED SEALANTS ON ALL FIRE SEPARATION PENETRATIONS, INCLUDING FLOORS. SEAL AROUND ALL PIPES AND DUCTS PENETRATING FIRE SEPARATIONS WITH NON-COMBUSTIBLE PACKING RETAINED BY METAL COLLARS. THE ASSEMBLY SHALL BE APPROVED BY STATE FIRE MARSHALL.

STANDARDS
EQUIPMENT AND MATERIALS SHALL CONFORM WITH THE APPROPRIATE PROVISIONS OF CSA, ULC, ARL, ASME, ASTM, UL, NEMA, ANSI, SMACNA, ASHRAE, NFPA, AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

CODES
ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE PROVINCIAL AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND PROJECT MANUAL AND THE CODES AND ORDINANCES, USE WHICHEVER IS MORE STRINGENT. THE MECHANICAL CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO STARBUCKS.

PERMITS AND FEES
THE MECHANICAL CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS NECESSARY TO COMPLETE THE MECHANICAL WORK.

WARRANTY
THE MECHANICAL CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY STARBUCKS AND WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE AND RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE MATERIALS AND WORKMANSHIP.

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant
129-22

WILLIAM J. ALKEMEYER
LICENSE
No. 52422
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	DMC/SWE

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
MECHANICAL NOTES

SCALE: AS SHOWN

SHEET NUMBER:
M001

12/6/2023 2:28:42 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

ROOFTOP PACKAGED UNIT SCHEDULE

MARK	MANUFACTURER & MODEL	FAN SELECTION					E.A.T. DB/WB	COOLING CAP.		HTG. CAP.		AUX. HEAT (KW)	ELECTRICAL					EER	SEER	LOCATION	SERVICE	NOTES	WEIGHT (LBS)
		CFM	O.A.	E.S.P.	MOTOR H.P.	RPM		NOMINAL (TON)	TOTAL/SENS (MBH)	IN (MBH)	OUT (MBH)		V	PH	Hz	MCA	MOCP						
RTU-1	TRANE YHC120F	4000	270	1.0	3.8	1465	80/67	10	113.97/94.06	250	200	-	208	3	60	46.1	60	12.4	-	ROOF	BACKBAR/ WORKROOM	1,2,3,4,5,6,7,8,9,10	1500
RTU-2	TRANE YHC120F	4000	585	1.0	3.8	1465	80/67	10	113.97/94.06	250	200	-	208	3	60	46.1	60	12.4	-	ROOF	CAFE	1,2,3,4,5,6,7,8,9,10	1500

NOTES:
1. NEW ELECTRIC COOLING/GAS HEATING ROOFTOP PACKAGED UNIT. VERIFY FINAL LOCATION AT JOBSITE.
2. HIGH EFFICIENCY, DOWN DISCHARGE CONFIGURATION.
3. MOUNT ON CURB WITH NEW ROOF OPENING.
4. PROVIDE WITH FACTORY INSTALLED UNIT MOUNTED DISCONNECT SWITCH.
5. PROVIDE WITH FACTORY INSTALLED NON-POWERED CONVENIENCE SERVICE OUTLET (115V GFCI).
6. PROVIDE WITH FACTORY INSTALLED ENTHALPY TYPE ECONOMIZER.
7. PROVIDE SMOKE DETECTOR IN RETURN AIR DUCT TO SHUT DOWN UNIT UPON DETECTION.
8. PROGRAMMABLE THERMOSTAT WITH REMOTE SENSOR. SEE CONTROLS SPEC
9. PROVIDE WITH HAIL GUARDS
10. PROVIDE WITH POWER EXHAUST

EXHAUST FAN SCHEDULE

MARK	SERVICE	MAX. CFM	PLAN CFM	RPM	ESP (IN WG)	DRIVE	SONES (MAX)	MOTOR			MANUFACTURER	MODEL	NOTES
								VOLTAGE	PHASE	HP			
EF-1	RESTROOMS / OVENS	500	360	1405	0.31	DIRECT	6.2	115	1	1/10	GREENHECK	G-090-VG	1,2

NOTES:
1. PROVIDE WITH FACTORY ROOF CURB AND BACKDRAFT DAMPER
2. PROVIDE WITH SPEED CONTROLLER

AIR TERMINAL SCHEDULE

DIFFUSER ITEM #	COUNT	DESCRIPTION	MANUFACTURER	MODEL	AIR TERMINAL REMARKS
H001	15	LINEAR 3 SLOT SUPPLY - 1" SLOT SPACING - SURFACE	TITUS	TBD-30	LINEAR WITH PLENUM. 4' LONG
H002	5	SQUARE SUPPLY - LAY-IN OR SURFACE - SEE PLAN	TITUS	TDC-A4	24x24
H003	2	SQUARE SUPPLY - SURFACE	TITUS	TDC-G2	12x12
H004	1	LINEAR 3 SLOT SUPPLY - 1" SLOT SPACING - SURFACE	TITUS	TBD-30	LINEAR - 4' LONG
H254	4	SQUARE RETURN - LAY-IN OR SURFACE	TITUS	350RL	24X24
H255	3	SQUARE EXHAUST - SURFACE	TITUS	350 RL	12X12
H256	1	RECTANGULAR RETURN - SURFACE MOUNT	TITUS	350FSF	36X18

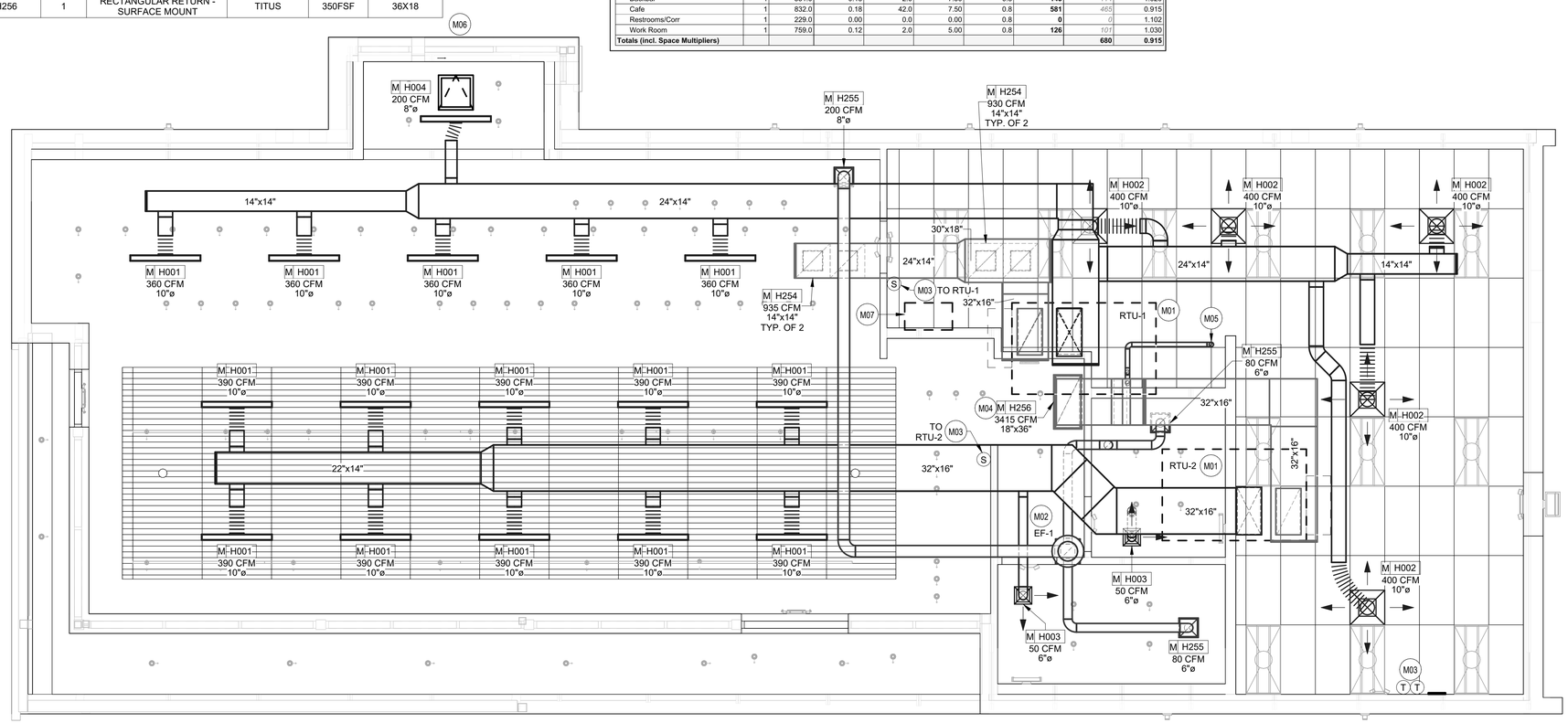
OUTSIDE AIR CALCULATIONS

1. Summary

Ventilation Sizing Method ..... **ASHRAE Std 62.1-2016**
Design Condition ..... **Heating operation**
Occupant Diversity (D) **1.000**
Uncorrected Outdoor Air Intake (Vou) ..... **680** CFM
System Ventilation Efficiency (Ev) **0.915**
Outdoor Air Intake (Vot) ..... **743** CFM

2. Space Ventilation Analysis

Zone Name / Space Name	Mult.	Space Floor Area (ft²) (Az)	Area Outdoor Air Rate (CFM/ft²) (Ra)	Time Averaged Occupancy (Occupants) (Pz)	People Outdoor Air Rate (CFM/person) (Rp)	Air Distribution Effectiveness (Ez)	Space Outdoor Air (CFM) (Voz)	Breathing Zone Outdoor Air (CFM) (Vbz)	Space Ventilation Efficiency (Evz)
Zone 1									
Backbar	1	551.0	0.18	2.0	7.50	0.8	**143**	*114*	1.020
Cafe	1	832.0	0.18	42.0	7.50	0.8	**581**	*465*	0.915
Restrooms/Corr	1	229.0	0.00	0.0	0.00	0.8	**0**	*0*	1.102
Work Room	1	759.0	0.12	2.0	5.00	0.8	**126**	*101*	1.030
Totals (incl. Space Multipliers)								**680**	**0.915**



1 MECHANICAL DESIGN PLAN
1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

N

MECHANICAL DESIGN GENERAL...

A. SEE MECHANICAL SPECIFICATIONS FOR FURTHER REQUIREMENTS.

B. SEE ARCHITECTURAL SHEETS FOR PAINTING AND COLORS OF ALL EXPOSED DUCTWORK, DIFFUSERS AND GRILLES.

C. SEE ARCHITECTURAL SHEETS FOR DIMENSIONED DIFFUSER AND EXPOSED DUCT LOCATIONS.

D. DIFFUSERS AND RETURN GRILLES SHALL BE CENTERED IN CEILING TILE, UNLESS OTHERWISE NOTED.

E. MECHANICAL CONTRACTOR TO REPLACE FILTERS AFTER CONSTRUCTION IS COMPLETED.

F. THIS CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES IN LOCATING DUCTWORK, PIPING AND EQUIPMENT TO AVOID ANY INTERFERENCE.

G. COORDINATE INSTALLATION OF NEW DUCT WITH STRUCTURE.

H. CONTRACTOR TO INSTALL ALL WORK IN STRUCT COMPLIANCE WITH LOCAL CODES AND ORDINANCES.

I. PROVIDE ADJUSTABLE VOLUME DAMPER AT ALL BRANCH DUCTWORK.

J. PROVIDE TURNING VANES AT ALL RECTANGULAR ELBOWS (TYPICAL).

MECHANICAL DESIGN KEYED...

M01 PROVIDE AND INSTALL ROOFTOP UNIT (RTU-1&2). FINAL OUTDOOR AIR SETTING SHALL BE AS INDICATED IN SCHEDULE ON THIS SHEET. FACTORY INSTALLED SMOKE DETECTOR SHALL DE-ENERGIZE UNIT SUPPLY FAN AND ACTIVATE AUDIO/VISUAL INDICATOR IF SMOKE IS DETECTED IN RETURN AIR DUCT. PROVIDE PERMANENT ACCESS TO SMOKE DETECTOR. PROVIDE AND INSTALL REMOTE TEST SWITCH FOR ALARM THAT IS ACCESSIBLE WHILE STANDING ON THE FLOOR. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS TO ALL MECHANICAL EQUIPMENT.

M02 PROVIDE AND INSTALL NEW ROOF MOUNTED EXHAUST FAN (EF-1) WITH SPEED CONTROLLER (SEE SCHEDULE THIS SHEET) PER MANUFACTURER'S RECOMMENDATION. PROPERLY SEAL AROUND ALL ROOF PENETRATIONS. EXTEND EXHAUST DUCT FROM EACH GRILLE WITH BACKDRAFT DAMPER TO MAIN EXHAUST DUCT CONNECTING TO EF-1 ON ROOF. FAN SHALL BE 10' MINIMUM FROM ANY AIR INTAKE. VERIFY EXACT LOCATION IN THE FIELD. SEE CONTROLS AND OPERATION FOR FAN ON SHEET M001. BALANCE PER STARBUCKS DESIGN GUIDELINES.

M03 PROVIDE AND INSTALL TEMPORARY THERMOSTAT FOR CONTROL OF RTUS. MOUNT THERMOSTATS AT 44" A.F.F. AT MANAGER'S DESK. COORDINATE EXACT LOCATION WITH OWNER. MOUNT SENSORS AT 60" A.F.F. COORDINATE LOCATIONS WITH OTHER ELEMENTS. VERIFY EXACT LOCATIONS IN FIELD. REFER TO MECHANICAL NOTES AND MECHANICAL SCHEDULE. MULTIPLE THERMOSTATS SHALL BE STACKED IN A VERTICAL CONFIGURATION WITH A MINIMUM 8" CLEARANCE BELOW EACH THERMOSTAT. VENDOR TO PROVIDE VENSTAR THERMOSTATS AND REMOTE SENSORS TO REPLACE TEMPORARY CONTROLS, GC SHALL INSTALL. COORDINATE COMMISSIONING WITH VENSTAR PER STARBUCKS GUIDELINES. SEE EMS DETAILS ON SHEET M502.

M04 PROVIDE AND INSTALL RETURN GRILLE IN CEILING. VERIFY EXACT LOCATION IN FIELD.

M05 DIRECT VENT CLOSED COMBUSTION AND FLUE PVC LINES FROM WATER HEATER UP THROUGH ROOF. TERMINATE WITH CONCENTRIC VENT KIT PER MANUFACTURER'S RECOMMENDATIONS. MAINTAIN 10' MINIMUM FROM OUTLET TO ANY AIR INTAKE. SEE DETAIL ON SHEET M501.

M06 PROVIDE AND INSTALL 48" HEATED AIR CURTAIN OVER DRIVE THRU WINDOW. UNIT SHALL BE EQUAL TO READY ACCESS SERIES AA300, 208/240 V, 1 PH, 32 AMPS, 7.1 KW HEATER.

M07 REMOTE CONDENSING UNIT FOR ICE MACHINE ON ROOF. ROUTE REFRIGERATION PIPING DOWN TO MATCHING INDOOR UNIT AND PROVIDE ALL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant
129-22

WILLIAM J. ALKEMEYER
LICENSE
No. 52422
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #: 69057
PROJECT #: 94787-001
ISSUE DATE: 12-01-2023
SR. DESIGN MANAGER: L. ALVAREZ-TABIO
PRODUCTION DESIGNER: L. LA SPIA
CHECKED BY: DMC/SWE

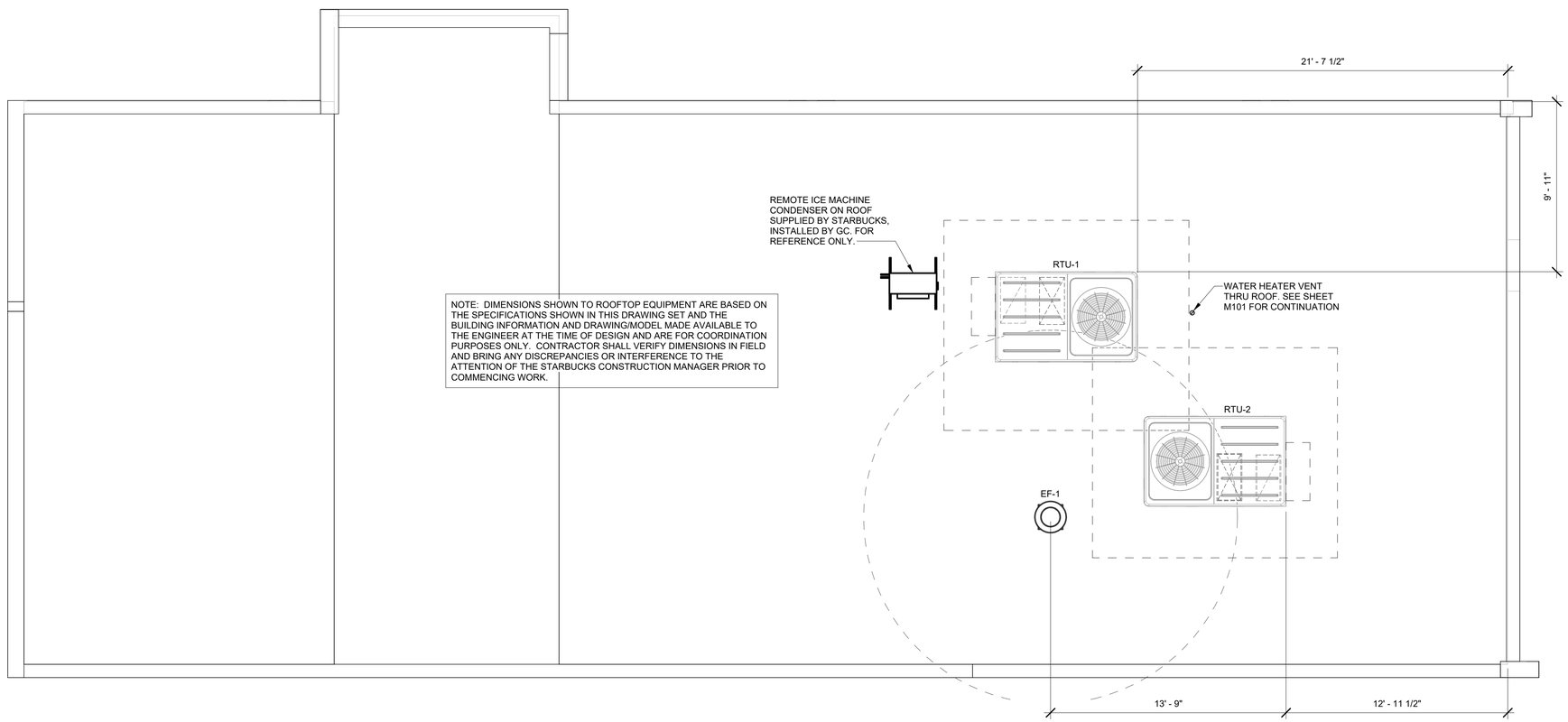
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
MECHANICAL DESIGN PLAN
SCALE: AS SHOWN

SHEET NUMBER:
M101

12/6/2023 2:28:46 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt



NOTE: DIMENSIONS SHOWN TO ROOFTOP EQUIPMENT ARE BASED ON THE SPECIFICATIONS SHOWN IN THIS DRAWING SET AND THE BUILDING INFORMATION AND DRAWING/MODEL MADE AVAILABLE TO THE ENGINEER AT THE TIME OF DESIGN AND ARE FOR COORDINATION PURPOSES ONLY. CONTRACTOR SHALL VERIFY DIMENSIONS IN FIELD AND BRING ANY DISCREPANCIES OR INTERFERENCE TO THE ATTENTION OF THE STARBUCKS CONSTRUCTION MANAGER PRIOR TO COMMENCING WORK.

1 MECHANICAL ROOF PLAN
1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

N

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant

129-22

WILLIAM J. ALKEMEYER
LICENSE
No. 52422
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	DMC/SWE

Revision Schedule

Rev	Date	By	Description

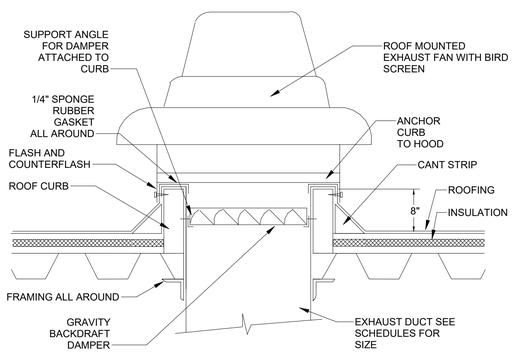
SHEET TITLE:
MECHANICAL ROOF PLAN
SCALE: AS SHOWN

SHEET NUMBER:
M102

12/6/2023 2:28:47 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

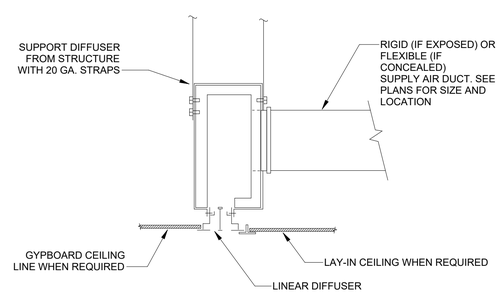
HVAC LOAD SUMMARY

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Oct 1500 COOLING OA DB / WB 88.6 °F / 74.6 °F			HEATING DATA AT DES HTG HEATING OA DB / WB 36.0 °F / 30.3 °F		
ZONE LOADS	**Details**	**Sensible (BTU/hr)**	**Latent (BTU/hr)**	**Details**	**Sensible (BTU/hr)**	**Latent (BTU/hr)**
Window & Skylight Solar Loads	530 ft²	32892	-	530 ft²	-	-
Wall Transmission	1636 ft²	1204	-	1636 ft²	2514	-
Roof Transmission	2371 ft²	5462	-	2371 ft²	3917	-
Window Transmission	530 ft²	3008	-	530 ft²	9370	-
Skylight Transmission	0 ft²	0	-	0 ft²	0	-
Door Loads	100 ft²	4677	-	100 ft²	1662	-
Floor Transmission	2371 ft²	0	-	2371 ft²	1972	-
Partitions	0 ft²	0	-	0 ft²	0	-
Ceiling	0 ft²	0	-	0 ft²	0	-
Overhead Lighting	1897 W	6472	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	46	8790	7800	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	54053	7554	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	**-**	**116558**	**15354**	**-**	**19435**	**0**
Zone Conditioning	-	120041	15354	-	17855	0
Plenum Wall Load	0%	0	-	0	0	-
Plenum Roof Load	0%	0	-	0	0	-
Plenum Lighting Load	0%	0	-	0	0	-
Return Fan Load	8000 CFM	0	-	8000 CFM	0	-
Ventilation Load	855 CFM	11828	14598	855 CFM	30956	0
Supply Fan Load	8000 CFM	0	-	8000 CFM	0	-
Space Fan Coil Fans	-	0	-	-	0	-
Duct Heat Gain / Loss	0%	0	-	0%	0	-
>> Total System Loads	**-**	**131869**	**29952**	**-**	**48811**	**0**
Central Cooling Coil	-	131869	29978	-	0	0
Central Heating Coil	-	0	-	-	48811	-
>> Total Conditioning	**-**	**131869**	**29978**	**-**	**48811**	**0**
Key:	**Positive values are clg loads Negative values are htg loads**			**Positive values are htg loads Negative values are clg loads**		

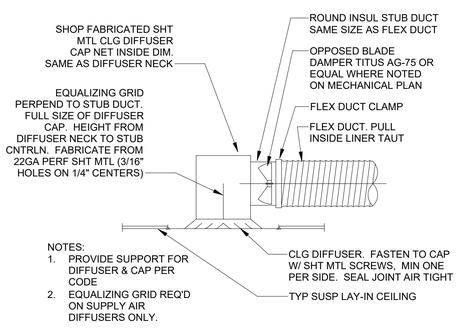


NOTE:
USE SAME CURB AND FLASHING ARRANGEMENT FOR ROOF MOUNTED SUPPLY AIR FANS.

4 ROOF MOUNTED EXHAUST FAN DETAIL
SCALE: NTS

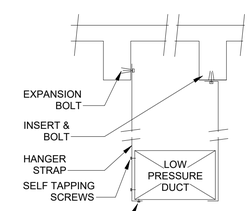


3 LINEAR CEILING DIFFUSER DETAIL
SCALE: NTS



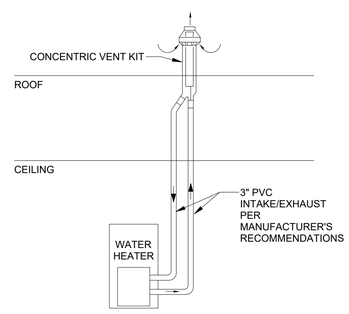
NOTES:
1. PROVIDE SUPPORT FOR DIFFUSER & CAP PER CODE
2. EQUALIZING GRID REQ'D ON SUPPLY AIR DIFFUSERS ONLY.

2 LAY-IN DIFFUSER DETAIL
SCALE: NTS

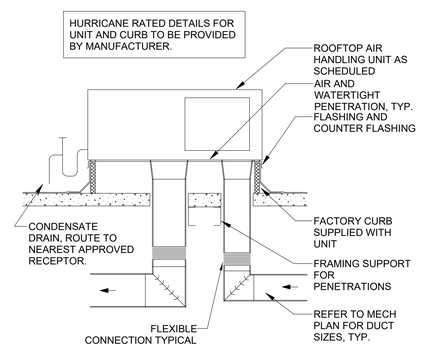


DUCT SIZE	HANGER SIZE	MAX SPACING
UP THRU 2 SF	1" x 1/16"	8'-0"
2 THRU 4 SF	1" x 1/8"	8'-0"
4 THRU 10 SF	1" x 1/8"	6'-0"
OVER 10 SF	1" x 1/8"	4'-0"

1 DUCT HANGING DETAIL
SCALE: NTS



6 WATER HEATER VENT DETAIL
SCALE: NTS



5 ROOFTOP UNIT DETAIL
SCALE: NTS

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant

129-22

WILLIAM J. ALKEMEYER LICENSE No. 52422 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #: 69057
PROJECT #: 94787-001
ISSUE DATE: 12-01-2023
SR. DESIGN MANAGER: L. ALVAREZ-TABIO
PRODUCTION DESIGNER: L. LA SPIA
CHECKED BY: DMC/SWE

Revision Schedule

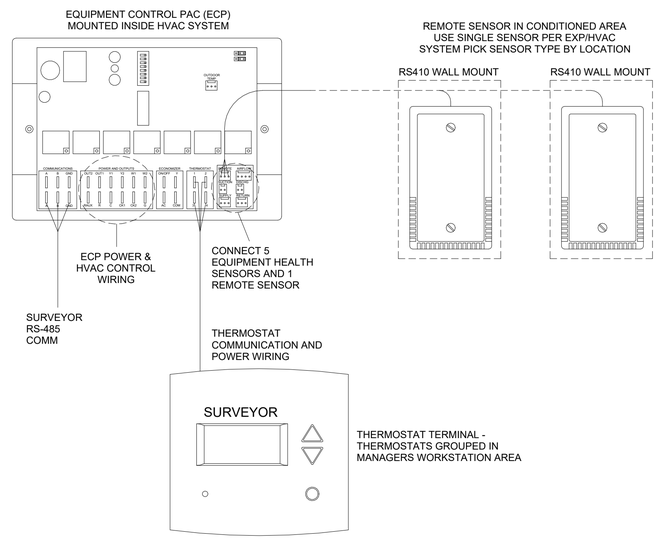
Rev	Date	By	Description

SHEET TITLE:
MECHANICAL DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
M501

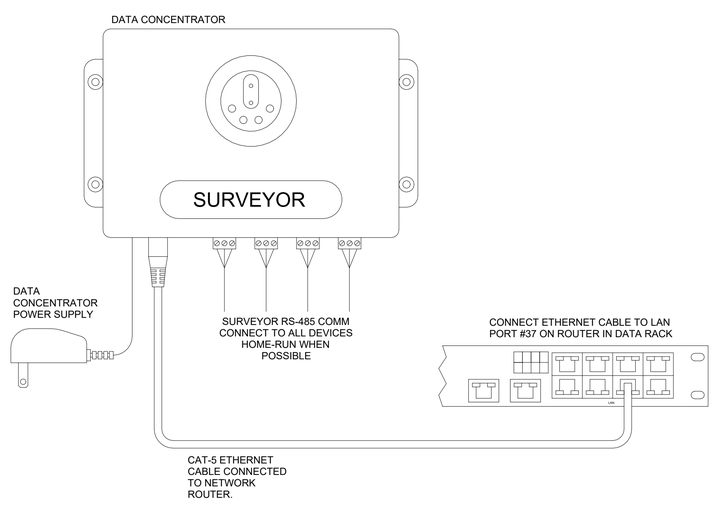
12/6/2023 2:28:48 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt



NOTES:
1. OUTDOOR TEMPERATURE SENSOR CONNECTED TO ONE ECP ONLY PER LOCATION.
   FACE NORTH WHEN POSSIBLE.
2. SEE GENERAL NOTES 7 AND 8 FOR REMOTE SENSOR MOUNTING LOCATION DETAILS.

3 Venstar EMS - No Lighting Control - HVAC Controls

SCALE: NTS



2 Venstar EMS - No Lighting Control - Data Concentrator

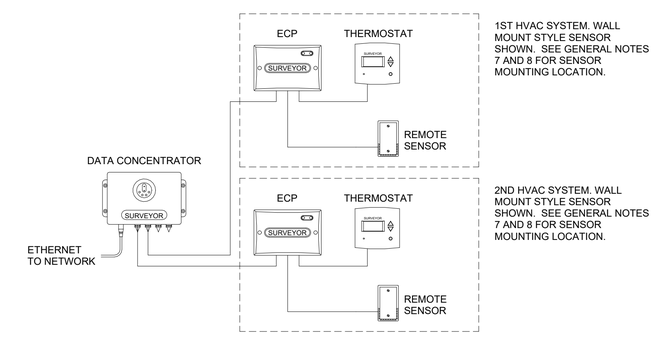
SCALE: NTS

GENERAL NOTES

1. SURVEYOR ENERGY MANAGEMENT SYSTEM HARDWARE IS SUPPLIED BY STARBUCKS.
2. DRAWING FOR GENERAL INFORMATION, DESIGN INTENT, AND COORDINATION ONLY.
3. LOCAL BUILDING CODES TAKE PRECEDENCE OVER THIS DOCUMENT.
4. NOT ALL WIRING IS SHOWN ON THIS DRAWING. FOR CLARITY, ONLY ONE EXAMPLE OF EACH TYPE OF DEVICE IS SHOWN.
5. REFER TO THE SURVEYOR INSTALLATION INSTRUCTIONS FOR EACH COMPONENT FOR DETAILED WIRING AND ADDITIONAL CRITICAL INFORMATION.
6. CAUTION! INSTALLATION REQUIRES THE REMOVAL OF SAFETY COVERS AND EXPOSE THE INSTALLER TO HIGH VOLTAGE AND ELECTRICAL HAZARDS. USE OF A LICENSED ELECTRICIAN IS REQUIRED. FOLLOW ALL APPROPRIATE SAFETY PRECAUTIONS. ADDITIONAL SAFETY INFORMATION IS IN THE SURVEYOR INSTALLATION MANUALS.
7. WALL MOUNTED REMOTE SENSOR IS MOUNTED ON WALL 4 TO 5 FT AFF. AVOID AREAS WITH DIRECT AIRFLOW FROM SUPPLY REGISTERS.
8. USE A DROP DOWN SENSOR IF A WALL MOUNT SENSOR CANNOT BE INSTALLED DUE TO SPACE CONSTRAINTS (SEE NOTE 7 FOR REQUIREMENTS). THE SENSOR CLIPS TO THE T-BAR GRID AND ADJUSTED SO THE BOTTOM OF THE SENSOR IS 8 TO 9 FT AFF. ALLOW 2 FT OF CLEARANCE FROM METRO SHELVING AND AVOID AREAS WITH DIRECT AIRFLOW FROM SUPPLY REGISTERS.
9. FOR SURVEYOR EMS TECHNICAL SUPPORT AND SYSTEM COMMISSIONING, CONTACT SURVEYOR TECHNICAL SUPPORT, (855) 647-7660, OPTION 1 OR EMAIL INSTALLSUPPORT@VENSTAR.COM. HOURS 6:00 AM TO 8:00 PM PACIFIC, MON-FRI.

SURVEYOR EMS COMPONENTS

VENSTAR PART	SBUX ITEM #	DESCRIPTION	QUANTITY
DC400	011029485	DATA CONCENTRATOR	1
OTS400	011029487	OUTDOOR TEMPERATURE SENSOR	1
ECP400	011029489	EQUIPMENT CONTROL PAC	1 PER HVAC
CT414	011029490	COMMUNICATING THERMOSTAT	1 PER HVAC
SP400	011029491	SENSOR PAC	1 PER HVAC
RS410	011029492	WALL MOUNT REMOTE SENSOR	1 PER HVAC



1 Venstar EMS - No Lighting Control - Basic Low Voltage Wire Runs

SCALE: NTS

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant

129-22

WILLIAM J. ALKEMEYER LICENSE No. 52422 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND &
SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	DMC/SWE

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
EMS DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
M502

12/6/2023 2:28:49 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITIES HAVING JURISDICTION
APPROX	APPROXIMATE
BLDG	BUILDING
CLG	CEILING
CO	CLEANOUT
CONST	CONSTRUCTION
CW	DOMESTIC COLD WATER
CXA	COMMISSIONING AGENT
DEG	DEGREES
DN	DOWN
DTL	DETAIL
DWG(S)	DRAWING(S)
EA	EACH
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRICAL
EMER	EMERGENCY
EX	EXISTING
EXT	EXTERIOR
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
F&I	FURNISH & INSTALL
FLR	FLOOR
FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
FOIO	FURNISHED BY OWNER, INSTALLED BY OWNER
FPT	FEMALE PIPE THREAD
FS	FLOOR SINK
FT	FOOT/FEET
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GI	GREASE INTERCEPTOR
GT	GREASE TRAP
GW	GREASE WASTE
HR	HOUR
HS	HANDSINK
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
HW	HOT WATER
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
ID	INSIDE DIAMETER
LL	LANDLORD
LV	LOW VOLTAGE
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL, AND PLUMBING
MFG	MANUFACTURER
MIN	MINIMUM
MS	MOP SINK
NL	NIGHTLIGHT
NTS	NOT TO SCALE
OD	OUTSIDE DIAMETER
PC	PLUMBING CONTRACTOR
PS	PREP SINK
POC	POINT OF CONNECTION
REF	REFERENCE
REQ'D	REQUIRED
REV	REVISION
SHT	SHEET
SF	SQUARE FEET
SOW	SCOPE OF WORK
SPECS	SPECIFICATION(S)
SST	STAINLESS STEEL
TEL	TELEPHONE
TEMP	TEMPORARY
TMV	TEMPERATURE MIXING VALVE
TW	TEMPERED HOT WATER
TYP	TYPICAL
UC	UNDER COUNTER
UNO	UNLESS NOTED OTHERWISE
V	VENT
W	SANITARY WASTE
WCO	WALL CLEANOUT
WH	WATER HEATER
WP	WEATHER PROOF
YCO	YARD CLEANOUT (EXTERIOR)

PLUMBING SYMBOL LEGEND

SAN. OR GW	SAN. OR GW	SANITARY OR GREASE WASTE PIPING
V	V	VENT PIPING
CD	CD	CONDENSATE DRAIN PIPING
CW	CW	COLD WATER PIPING
140	HW	140° HOT WATER PIPING
HWR	HWR	HOT WATER RETURN PIPING
CWF	CWF	COLD WATER FILTERED PIPING
CWS	CWS	COLD WATER SOFTENED PIPING
TW	TW	TEMPERED WATER PIPING
NG	NG	NATURAL GAS PIPING
	BV	BALANCING VALVE
	SOV	SHUT OFF VALVE
	CV	CHECK VALVE
	HB	HOSE BIBB
	WCO	WALL CLEANOUT
	FCO	FLOOR CLEANOUT
	FD	FLOOR DRAIN (SQUARE)
	FD	FLOOR DRAIN (ROUND)
	HD	HUB DRAIN
	FS	FLOOR SINK (SQUARE)
	FS	FLOOR SINK (ROUND)
	WM	WATER METER
	GM	GAS METER
	BFP	BACKFLOW PREVENTER
	POC	CONNECT TO EXISTING

EXISTING PIPING SHOWN ON PLANS IN A LIGHTER SHADE.

SYSTEM COMMISSIONING

CONTRACTOR RESPONSIBILITIES FOR BUILDING COMMISSIONING

CONTRACTOR SHALL PROVIDE SUPPORT AND WORK AS SPECIFIED, NEEDED AND REQUIRED TO CONDUCT AND FACILITATE STARBUCKS STAFF BUILDING COMMISSIONING EFFORTS. THIS WORK WILL BE COMPRISED OF THREE DISTINCT EFFORTS:

1) SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES;
2) PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUP AND SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA;
3) CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS. CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:

A. SYSTEMS SUBJECT TO COMMISSIONING MAY INCLUDE, BUT ARE NOT LIMITED TO, DOMESTIC HOT WATER GENERATION.

B. CONTRACTOR SHALL INCLUDE COMMISSIONING ACTIVITIES IN PROJECT SCHEDULE AND SHOW INTERVALS FOR PERFORMANCE OF WORK FOR WHICH CONTRACTOR IS RESPONSIBLE AND INTERVALS FOR WORK PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SHOW RESOURCES FOR PERFORMING ALL WORK RELATED TO COMMISSIONING ACTIVITIES ON A LINE ITEM IN THE SCHEDULE OF VALUES.

C. CONTRACTOR SHALL INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND ALL CONTRACT DOCUMENTS. ENSURE THAT ALL EQUIPMENT IS INSTALLED TOTALLY COMPLETE, AND ACCESSIBLE TO STARBUCKS CXA FOR INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING PRIOR TO THE SCHEDULED START OF INSTALLATION VERIFICATION.

D. INSTALLATION VERIFICATION SHALL BE PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SUPPORT STARBUCKS CXA INSTALLATION VERIFICATION EFFORTS AS NECESSARY. PROVIDE ALL ACCESS AND EQUIPMENT NECESSARY FOR STARBUCKS STAFF TO VERIFY THAT THE EQUIPMENT IS INSTALLED CORRECTLY.

E. CONTRACTOR SHALL BE READILY AVAILABLE DURING INSTALLATION VERIFICATION TO CORRECT ANY DEFICIENCIES OR DEFECTS DISCLOSED BY THE INSTALLATION VERIFICATION PROCESS. CORRECTIONS SHALL BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION OF THE CONSTRUCTION SCHEDULE.

F. ALL DOMESTIC WATER HEATING, RECIRCULATING, FILTER AND SOFTENING EQUIPMENT SHALL BE TESTED AND/OR ADJUSTED AND BALANCED BY THE CONTRACTOR'S TESTING, ADJUSTING AND BALANCE AGENT (SEE TESTING ADJUSTING AND BALANCING) OR THE MANUFACTURER'S CERTIFIED STARTUP REPRESENTATIVE AFTER THE SYSTEM IS VERIFIED TO BE COMPLETE AND CORRECT BY STARBUCKS CXA IN ACCORDANCE WITH THE REQUIREMENTS OF THESE DOCUMENTS. SEQUENCES OF OPERATION SHALL BE TESTED TO ENSURE THAT THEY OPERATE IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS. DELIVERABLES: PRELIMINARY, WRITTEN FUNCTIONAL PERFORMANCE REPORT CONFORMING TO THE REQUIREMENTS SPECIFIED HEREIN, DOCUMENTING THE INFORMATION SPECIFIED, ETC. TO THE STARBUCKS CXA IMMEDIATELY UPON COMPLETION OF THE WORK.

G. CONTRACTOR SHALL INFORM STARBUCKS CXA WHEN EQUIPMENT IS READY FOR FUNCTIONAL PERFORMANCE TESTING. ALL EQUIPMENT SHALL BE READY FOR FUNCTIONAL PERFORMANCE TESTING PRIOR TO STARTING TESTING. CONTRACTOR SHALL OPERATE EQUIPMENT FOR STARBUCKS CXA AND VERIFY BY DEMONSTRATION THE CORRECT OPERATION OF EQUIPMENT, RESPONSE OF SENSORS, AND PROPER EXECUTION OF HVAC CONTROL AND LIGHTING SEQUENCES; INCLUDING BUT NOT LIMITED TO, AIR MOVEMENT, TEMPERATURE, SOUND, AND CONTROL RESPONSE. PROVIDE ANY SECURITY ACCESS, HARDWARE, SOFTWARE, OR OTHER SUPPORT AS NEEDED FOR THE STARBUCKS CXA TO EFFICIENTLY WITNESS AND DOCUMENT ALL EQUIPMENT TESTING. STARBUCKS CXA WILL RECORD THE EQUIPMENT OPERATION AND RESPONSE TO TESTING SEQUENCES AND PREPARE A LIST OF ANY DEFICIENCIES DISCLOSED BY THE FUNCTIONAL PERFORMANCE TESTS FOR CORRECTION BY THE CONTRACTOR. EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, AIR HANDLING UNITS, ROOFTOP AND SPLIT TYPE, CONDENSING UNITS, EXHAUST FANS, LIGHTING CONTROLS, ETC. DELIVERABLES: PROVIDE COMPLETED COPIES OF ALL START UP REPORTS, FILLED OUT ON THE MANUFACTURER'S FORMS, TO THE STARBUCKS CXA.

H. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES DISCLOSED DURING THE FUNCTIONAL PERFORMANCE TESTING PROCESS. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE.

I. CONTRACTOR SHALL BE READILY AVAILABLE FOR ANY RE-TESTING OF EQUIPMENT DEEMED NECESSARY BY STARBUCKS CXA DURING INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES FOUND IN THE SYSTEM DURING ANY AND ALL RE-TESTING. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE. DELIVERABLES: FINAL BALANCE REPORT, DEFICIENCIES LIST NOTING CORRECTIVE ACTIONS PERFORMED BY CONTRACTOR IN RESPONSE TO INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TEST RESULTS.

J. CONSTRUCTION AND POST CONSTRUCTION TESTING: ADDITIONAL TESTING MAY BE REQUIRED BY LEED AND OTHER PROCESSES THAT MAY OCCUR OUT OF SEQUENCE WITH COMMISSIONING SERVICE. CONTRACTOR SHALL CONDUCT, DOCUMENT, SUPPORT AND SCHEDULE THIS TESTING AS DIRECTED BY STARBUCKS CXA.

VALVES

GENERAL
INSTALL VALVES FOR EACH FIXTURE AND ITEM OF EQUIPMENT. PROVIDE BRAIDED STAINLESS STEEL HOSE (UNLESS OTHERWISE NOTED) BETWEEN VALVE AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. LOCATE SHUT-OFF VALVES ADJACENT TO EQUIPMENT FOR EASY ACCESS SUCH THAT VALVES CAN BE REACHED WITHOUT MOVING EQUIPMENT. SHUT OFF VALVES TO BE BALL TYPE. VALVES SHALL BE LISTED/APPROVED FOR USE PER AUTHORITIES HAVING JURISDICTION (AHJ) AND CODE REQUIREMENTS. PROVIDE VALVE IDENTIFICATION PER THE PROJECT MANUAL FOR MAIN WATER SERVICE SHUT-OFF AND ANY OTHER VALVES WHICH ARE NOT CLEARLY EVIDENT WHAT THEY SERVE.

PLUMBING FIXTURES

WATER HEATER
SIZE WATER HEATER PER STARBUCKS STANDARD AND PER AUTHORITIES HAVING JURISDICTION (AHJ), WHICHEVER IS MORE STRINGENT. PROVIDE INSTALLATION COMPLETE WITH FITTINGS AS SHOWN IN THE DRAWINGS. SET HOT WATER TEMPERATURE AT 140° F OR ADJUST AS REQUIRED BY AHJ. PROVIDE THERMOMETER ON HOT WATER PIPE LEAVING WATER HEATER.

WATER FILTRATION
STARBUCKS WATER FILTRATION VENDOR WILL PROVIDE FILTRATION SYSTEM. CONTRACTOR SHALL CONFIRM WITH STARBUCKS CONSTRUCTION MANAGER WHETHER VENDOR OR PLUMBING CONTRACTOR IS TO INSTALL FILTRATION SYSTEM. PROVIDE AND COORDINATE INSTALLATION COMPLETE WITH ALL PIPING, FITTINGS, AND EQUIPMENT AS INDICATED ON THE DRAWINGS.

CONNECTIONS
THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO EQUIPMENT INCLUDING REQUIRED MATERIAL SUCH AS PIPING, VALVES, FILTERS, TRAPS, CHECKS VALVES, VACUUM BREAKERS, AND FLEXIBLE AND RIGID TUBING.

SCHEDULES
REFER TO SCHEDULES ON DRAWINGS FOR A DESCRIPTION OF LISTED ITEMS AND FURNISH ANY AND ALL PLUMBING FIXTURES LISTED AS "GC". ANY DISCREPANCIES ABOUT WHO IS TO PROVIDE PLUMBING FIXTURES IN THE SCHEDULE SHALL BE BROUGHT TO STARBUCKS ATTENTION FOR CLARIFICATION. INSTALL ALL FIXTURES LISTED REGARDLESS OF WHO SUPPLIES.

DISHWASHER
G.C. TO FURNISH AND INSTALL POWER CORD FOR DISHWASHER PER JURISDICTIONAL REQUIREMENTS. IF EQUIPMENT IS SPECIFIED AS HOBART ADVANSYS, THE UNIT IS TO BE PLUMBED WITH COLD, NON-FILTERED WATER. IF THE WATER FILTRATION SYSTEM IS A PENTAIR CONFIGURATION II OR III, THEN THE COLD, NON-FILTERED WATER MUST ALSO BE SOFTENED.

INSULATION

WATER PIPING
PROVIDE THERMAL INSULATION PER THE SPECIFICATIONS.

SAFETY COVERS
FURNISH AND INSTALL SPECIFIED NO SCALD SAFETY COVERS WITH INSULATED FOAM LINER AND TAMPER PROOF STRAP AT ALL EXPOSED ADA SINK P-TRAPS AND WATER SUPPLIES AND AS REQUIRED BY JURISDICTION .

PIPING

CONDENSATE DRAINAGE PIPING
THE PLUMBING CONTRACTOR SHALL PROVIDE CONDENSATE DRAINS FOR AIR HANDLING UNITS AND STARBUCKS EQUIPMENT (REFER TO SCHEDULE). CONDENSATE DRAINAGE PIPING SHALL BE TYPE "M" COPPER TUBING WITH WROUGHT COPPER SWEAT FITTINGS JOINED WITH 50/50 SOLDER.

TESTING
ALL PIPES SHALL BE TESTED BY AN APPROVED METHOD BEFORE THEY ARE
BACKFILLED OR CONCEALED. AFTER TESTING IS COMPLETE, THE PLUMBING
CONTRACTOR SHALL DISINFECT THE POTABLE WATER SYSTEM AS REQUIRED BY LOCAL AUTHORITY. TEST WATER PURITY ACCORDING TO LOCAL REQUIREMENTS AND SUBMIT CERTIFIED TEST RESULTS TO ENGINEER FOR REVIEW AND APPROVAL.

CARBONATION

IF APPLICABLE TO PROJECT SCOPE FOR CBE STATION, STARBUCKS CARBONATION VENDOR WILL PROVIDE AND INSTALL EQUIPMENT, CO2 TANKS AND FITTINGS. STARBUCKS SHALL PROVIDE AND CONTRACTOR SHALL INSTALL CO2 TANK MOUNTING BRACKET, PROTECTIVE SHELVING UNIT AND CO2 GAS TUBING AS SHOWN ON DRAWINGS AND PER MANUFACTURER'S INSTRUCTIONS. MAXIMUM TUBING LENGTH INCLUDING COILED ENDS IS 100 FT (30 M) AND MAXIMUM BEND IS TO 3 INCH (75 MM) MINIMUM RADIUS. ROUTE CO2 TUBING PREFERABLY THROUGH WALL AND/OR CEILING CAVITIES, WITHOUT KINKS AND SO AS TO NOT TOUCH ANY HOT SURFACE (BALLAST, STEAM PIPE, ETC.) OR RUB AGAINST A SHARP EDGE THAT MAY ABRADE OR CUT TUBING. ALL HOLES MUST BE SEALED WITH A GROMMET OR ESCUTCHEON. TUBING IS TO BE SECURED TO APPROPRIATE PERMANENT SURFACES TO KEEP IT OFF THE FLOOR OR CABINET BOTTOMS AND AWAY FROM OTHER EQUIPMENT. LABEL BOTH ENDS OF TUBING AND REGULARLY AT TEN (10) FOOT INTERVALS ALONG ROUTE AS "CO2."

NITROGENATION

STARBUCKS NITROGENATION VENDOR WILL PROVIDE AND INSTALL EQUIPMENT AND FITTINGS IF APPLICABLE TO PROJECT SCOPE FOR NITRO STATION. GENERAL CONTRACTOR SHALL COORDINATE NITRO SYSTEM INSTALLATION WITH STARBUCKS VENDOR.

GENERAL PLUMBING NOTES

1. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF WORK.
2. EXPOSED/SURFACE MOUNTED PIPING IS ONLY ALLOWED IN THE BAR AREA UNDER COUNTERTOPS, WHERE IT DOES NOT OBSTRUCT CABINETS/DEVICES AND WHERE APPROVED BY STARBUCKS CONSTRUCTION MANAGER. IF ROUTED THROUGH CABINETS, IT SHALL BE ROUTED TO MAXIMIZE STORAGE SPACE AND BE PROTECTED FROM DAMAGE.
3. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL INTENT OR ARRANGEMENT OF SYSTEM(S). FURNISH AND INSTALL ALL COMPONENTS NEEDED WHETHER INDICATED OR NOT TO PROVIDE A COMPLETE AND OPERATING SYSTEM. OVERALL CASEWORK COMPONENT DIMENSIONING ON PLUMBING DETAILS ARE SHOWN FOR REFERENCE AND COORDINATION ONLY.
4. CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES, AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM ACTUAL BUILDING DIMENSIONS.
5. THE PLUMBING CONTRACTOR SHALL COORDINATE PLUMBING WORK WITH OTHER TRADES. THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR FIXTURES IN CASEWORK AND PLUMBING DETAILS. SEE THE PROJECT MANUAL FOR PLUMBING SPECIFICATION SECTIONS.
6. ALL PIPING AND/OR PLUMBING DEVICES SHALL BE SUPPORTED FROM STRUCTURE (NOT FROM HVAC DUCTS OR OTHER PIPES/CONDUITS).
7. WHEN BUNDLING SEVERAL INDIRECT WASTE LINES TO DRAIN INTO FLOOR SINK, A UNISTRUT IS REQUIRED FOR SECURING AND BRACING ALL LINES ABOVE THE DRAIN.
8. FURNISH AND INSTALL ALL NEEDED DRAIN LINES PER CODE (NOT ALL SHOWN). INSTALL DRAINS AT 2% SLOPE WHERE POSSIBLE WITHOUT DIPS OR SAGS. ALL INDIRECT DRAINS SHALL RUN SEPARATELY FROM EACH OTHER TO INDIRECT DRAIN RECEPTOR AND SHALL TERMINATE WITH AN AIR GAP PER CODE.
9. FURNISH AND INSTALL WALL CLEANOUTS AT ALL SINKS AND AS NEEDED PER CODE (NOT ALL SHOWN).
10. INSULATE ICE BIN DRAINAGE PIPES PER THE REQUIREMENTS IN THE PROJECT MANUAL.

GENERAL NOTES

SCOPE
THE INTENT OF THE PROJECT MANUAL AND THE DRAWINGS IS TO PROVIDE A COMPLETE AND FULLY OPERATIONAL PLUMBING SYSTEM. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT RELATED TO THE INSTALLATION OF THE PLUMBING WORK.

SITE EXAMINATION
THE CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE FIXTURES, EQUIPMENT, AND PIPING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT PREVENTS THE PROPER INSTALLATION OF THE PLUMBING WORK.

STANDARDS
EQUIPMENT AND MATERIALS SHALL CONFORM WITH THE APPROPRIATE PROVISIONS OF LISTING STANDARD IN EFFECT AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

CODES
ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE PROVINCIAL AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS AND THE CODES AND ORDINANCES, THE HIGHEST STANDARD SHALL APPLY. THE CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO STARBUCKS.

PERMITS AND FEES
THE CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS NECESSARY TO COMPLETE THE PLUMBING WORK.

WARRANTY
THE CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY STARBUCKS AND WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE AND RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE MATERIALS AND WORKMANSHIP.

LANDLORD REQUIREMENTS

PRIOR TO BID: THE CONTRACTOR SHALL COORDINATE WITH LANDLORD / BUILDING OWNER FOR ANY CONSTRUCTION REQUIREMENTS. CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH REQUIREMENTS AND ADHERE TO THEM. WHERE LANDLORD / BUILDING OWNER REQUIREMENTS ARE MORE STRINGENT THAN SHOWN IN THESE PLANS. LANDLORD / BUILDING OWNER REQUIREMENTS SHALL GOVERN.

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant
129-22

WILLIAM J. ALKEMEYER
LICENSE
No. 52422
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	AMK/AMK

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING NOTES

SCALE: AS SHOWN

SHEET NUMBER:
P001

12/6/2023 2:31:42 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

CROSS CONNECTION CONTROL SCHEDULE

FIXTURE	MAKE	MODEL	ASSE, ASME OR ANSI STANDARD
MOP SINK (FAUCET CONTAINS INTEGRAL BACKFLOW DEVICE)	WATTS & INTEGRAL	9DM2-S -	ASSE 1012 ASSE 1001
DISHWASHER	WATTS	LF008PCQT	ASSE 1056
ICE MACHINE	AIR GAP	INTERNAL	ASME A112.1.2
COFFEE BREWER	WATTS	SD-3	ASSE 1022
ESPRESSO MACHINE	WATTS	SD-3	ASSE 1022
WATER FILTER SYSTEM	WATTS	LF009QT	ASSE 1013
CHEMICAL DISPENSER	WATTS	LF009 W/ AIR GAP FITTING 909AGA	ASSE 1013
FREEZEPROOF HOSEBIBB	WATTS	LF8	ASSE 1011
HOSEBIBB FOR CHEM. DISP. @ MSB	WATTS	LF8	ASSE 1011
BLENDER PITCHER RINSER	WATTS	SD-3	ASSE 1022
3-COMPARTMENT SINK	AIR GAP	-	ASME A112.1.2
WORK SINK	AIR GAP	-	ASME A112.1.2
HAND SINKS	AIR GAP	-	ASME A112.1.2
DROP-IN SINKS	AIR GAP	-	ASME A112.1.2
LAVATORIES	AIR GAP	-	ASME A112.1.2
WATER CLOSETS (FLUSH VALVE)	SLOAN	INTEGRAL	ASSE 1001
WATER HEATER	WATTS	LFN36	ANSI Z21.22
BUILDING WATER SUPPLY (BY LANDLORD)	WATTS	LF009 M2-QT OR EQUAL	ASSE 1013

ALL BRASS VALVES SHALL COMPLY WITH THE 2014 EPA LEAD FREE REQUIREMENTS.

HOT WATER DEMAND REQUIREMENT

EQUIPMENT#	FIXTURE	NO. OF FIXTURES	TEMP. RISE	GPH PER FIX.	TOTAL GPH
10597 / 13588	HAND SINKS	4	100	5	20
21352	LAVATORIES	2	100	5	10
10152 / 10215	DROP-IN SINK	3	100	10	30
10922	MOP SINK BASIN	1	100	5	5
10447 / 10804	3 COMPARTMENT SINK	1	100	50	50
15186	DISHWASHER	1	100	22	22

$\frac{137 \text{ GAL. X } 100°\text{F X } 8.33}{.96}$ = 118,877 BTUH REQUIRED

125,000 BTUH WATER HEATER TO BE INSTALLED. SEE SPECIFICATION ON SHEET P601.

WSFU CALCULATION

DESCRIPTION	QTY	WSFU	TOTAL
WATER CLOSET	2	10	20
LAVATORY	2	2	4
MOP SINK	1	3	3
3 COMPARTMENT SINK	1	4	4
CHEMICAL DISPENSER	2	0.25	0.5
WAREWASHER	1	2	2
ICE MACHINE	1	0.25	0.25
HAND SINK	4	2	8
KITCHEN SINK	3	4	12
WATER TOWER FAUCET	4	0.25	1
INSTA HOT TAP	4	0.25	1
DIPPERWELL	3	0.25	0.75
COLD WATER DISPENSER	1	0.25	0.25
WARE RINSER	3	0.25	0.75
NEW / FUTURE COFFEE BREWER	2	0.25	0.5
ESPRESSO MACHINE	2	0.25	0.5
HOSE BIB	2	2	4
TOTAL WSFU			62.5

62.5 WSFU = 58.0 GPM = 1-1/2" DOMESTIC WATER SERVICE IS REQUIRED PER THE 2020 BUILDING CODE, PLUMBING, 7TH EDITION

GAS LINE CALCULATION

TAG	MBH	GAS LINE SIZE TO EQUIPMENT
RTU-1	250	1-1/4"
RTU-2	250	1-1/4"
WH	125	1"
TOTAL MBH =	625	TOTAL PIPE SIZE = 1-1/2"

GAS PIPING IS SIZED PER TABLE 402.4(2) OF THE 2020 FLORIDA BUILDING CODE, FUEL GAS 7TH EDITION AND A DISTANCE OF 80' TO THE FURTHEST PIECE OF EQUIPMENT FROM THE METER.

PLUMBING SUPPLY GENERAL NOTES

A. FURNISH AND INSTALL A COMPLETE AND OPERATING SYSTEM. ALL ITEMS ARE NOT NECESSARILY SHOWN.

B. PLUMBING CONTRACTOR RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO START OF WORK TO REVEAL FULL SCOPE OF WORK.

C. ALL PLUMBING LINES TO BE ROUTED SUCH THAT THEY ARE NOT VISIBLE TO CUSTOMERS EXCEPT WHERE FIRST APPROVED BY STARBUCKS AT EXPOSED CEILING AREAS.

D. REFER TO MANUFACTURER SPECIFICATIONS FOR LOCATION OF CONNECTIONS UNLESS OTHERWISE NOTED.

E. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTION TO ALL PLUMBING EQUIPMENT.

F. REFERENCE WORK LETTER FOR DIVISION OF PLUMBING SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.

G. DIMENSIONS ARE TO FINISH FACE UNLESS OTHERWISE NOTED.

H. REFER TO DETAIL SHEETS FOR PLUMBING FITTINGS LOCATED IN CASEWORK.

I. COLD WATER SUPPLY LINES INSIDE CASEWORK AND BAR AREA TO BE COVERED WITH (10MM) THICK SELF SEALING, SECTIONAL CLOSED-CELL FOAM INSULATION. REFER TO SPECIFICATIONS FOR HOT WATER SUPPLY LINE INSULATION REQUIREMENTS.

J. INSULATE ALL PIPING INCLUDING PIPES AT BAR AND IN CASEWORK PER THE REQUIREMENTS LISTED IN THE PLUMBING PROJECT MANUAL.

K. GENERAL CONTRACTOR SHALL CONTACT WATER FILTRATION SUPPLIER TO COORDINATE SOW AND SCHEDULE PRIOR TO INSTALLATION OF WATER FILTRATION SYSTEM.

PLUMBING SUPPLY KEYED NOTES

PS01 1" CWS & 3/4" HWR TO WATER HEATER & 1" HW FROM WATER HEATER. WATER HEATER AS SPECIFIED AND IN COMPLIANCE WITH APPLICABLE CODES AND ORDINANCES. REFER TO WATER HEATER DETAIL ON SHEET P501.

PS02 1/2" HW & CW TO FAUCET AT MOP SINK. CAULK AND SEAL BACK OF SINK TO WALL. PROVIDE TACO MODEL 5122 OR APPROVED ASSE 1070 EQUAL POINT OF USE THERMOSTATIC MIXING VALVE AT MOP SINK TO PROVIDE 120° WATER.

PS03 1" CW TO WATER FILTER AND 1" CWS & 3/4" CWF FROM WATER FILTER. PLUMBING CONTRACTOR TO FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ACTIVATION PROCEDURES FOR FILTERS. VERIFY REQUIREMENTS PRIOR TO BID. SEE DETAIL ON SHEET P501.

PS04 3/4" HW & CW TO FAUCET AND SPRAY AT COMPARTMENT SINK. CAULK AND SEAL BACK OF SINK TO WALL. PROVIDE TACO MODEL 5123 OR APPROVED ASSE 1070 EQUAL POINT OF USE THERMOSTATIC MIXING VALVE AT COMPARTMENT SINK TO PROVIDE 120° WATER.

PS05 3/4" HW & CWS TO DISHWASHER. INSTALL SHUT-OFF WITH 3/4" MALE HOSE-END FITTING @ 18" A.F.F. UNDER COMPARTMENT SINK. SHUT-OFF TO INCLUDE PRESSURE REDUCING VALVE, PRESSURE GAUGE (SET @ 20 PSI, +/- 5 PSI), LINE STRAINER, AND SHOCK ARRESTOR IN WALL. CONNECT SANITIZER TO CSW SUPPLY WITH 72" LONG BRAIDED STAINLESS STEEL HOSE. PROVIDE 3/8" TEE OFF OF COLD WATER LINE SERVING 3-COMPARTMENT SINK AND CONNECT TO DRAIN WATER TEMPERING KIT ACCESSORY ON DISHWASHER TO PROVIDE 140° MAX. WASTE WATER DISCHARGE TO DRAINAGE SYSTEM.

PS06 1/2" CWF TO ICE MACHINE. REDUCE TO 3/8" AT MACHINE.

PS07 1/2" HW & CW TO SINK. PROVIDE TACO MODEL 5122 OR APPROVED EQUAL POINT OF USE THERMOSTATIC MIXING VALVE AT EACH HAND SINK TO PROVIDE 110° TEMPERED WATER.

PS08 3/4" CWF TO SERVE COFFEE BREWER AND FUTURE AERO BREWER. INSTALL SHUT-OFFS IN CABINET @ 24" AFF. REDUCE TO 3/8" AT UNIT. PROVIDE ASSE 1022 BACKFLOW PREVENTER. PROVIDE CWF STUB FOR FUTURE AERO BREWER PER STARBUCKS GUIDELINES.

PS09 1/2" CWF TO ESPRESSO MACHINE PUMP. SEE DETAIL PROVIDED ON SHEET P502. PROVIDE ASSE 1022 BACKFLOW PREVENTER.

PS10 1/2" CW TO DIPPERWELL FAUCET. REDUCE TO 1/4" AT UNIT.

PS11 1/2" CWF TO INSTAHOT TAP. REDUCE TO 1/4" AT UNIT.

PS12 1/2" CWF TO WATER TOWER FAUCET LOCATED IN WATER STATION.

PS13 1" CW TO TOILET. PROVIDE WATER HAMMER ARRESTOR IN SUPPLY LINE.

PS14 3/4" CWF, CW AND HW TO DROP DOWN IN WALL AND UNDERSLAB. STUB UP THRU SLAB AND ROUTE THROUGH CABINETRY FOR FRONT BAR AREA. CONNECT TO EQUIPMENT (3) 11003, (3) 15749, (3) 22326, (3) 19742 AND (3) 10153. REFER TO NOTES 09, 10, 11, 12 AND 19. CAP HOT WATER PIPING FOR FUTURE USE. VERIFY ROUTING IN FIELD WITH GC PRIOR TO INSTALLATION.

PLUMBING SUPPLY KEYED NOTES

PS15 1/2" HW & CW TO SINK. PROVIDE TACO MODEL 5122 OR APPROVED ASSE 1070 EQUAL POINT OF USE THERMOSTATIC MIXING VALVE AT EACH WORK SINK TO PROVIDE 120° HOT WATER.

PS16 MAKE CONNECTION TO 1-1/2" WATER LINE STUBBED INTO PREMISES BY GENERAL CONTRACTOR. GENERAL CONTRACTOR TO PROVIDE METER AND BACKFLOW PREVENTER. VERIFY THAT THE DOMESTIC WATER SERVICE IS ADEQUATE TO SUPPLY A MINIMUM OPERATING FLOW RATE OF 50 GALLONS PER MINUTE; AT A MINIMUM 50 PSIG AND A MAXIMUM OF 65 PSIG DYNAMIC PRESSURE AT ALL TIMES. IF FLOW RATE OR PRESSURE IS NOT SUFFICIENT, GENERAL CONTRACTOR SHALL SIZE, FURNISH AND INSTALL A BOOSTER PUMP IN A LOCATION AGREED UPON WITH THE TENANT. ENTIRE INSTALLATION SHALL BE IN ACCORDANCE WITH LOCAL CODES. CONTRACTOR SHALL FIELD VERIFY REQUIREMENTS PRIOR TO BID. BID SHALL INCLUDE ALL WORK NECESSARY FOR A FULLY OPERATIONAL SYSTEM. SEE SHELL & CIVIL DRAWINGS FOR ADDITIONAL INFORMATION AND CONTINUATION.

PS17 FREEZE PROOF HOSE BIBS BY GENERAL CONTRACTOR. COORDINATE PROVISION OF HOSE BIBS WITH GENERAL CONTRACTOR AND VERIFY REQUIREMENTS PRIOR TO COMMENCING WORK. HOSE BIB MUST BE CONNECTED TO 1/2" INSULATED, COPPER PIPE AND RUN WITHIN CONDITIONED SPACE. IT MUST BE EXPOSED AND VISIBLE FOR TENANT'S CONNECTION. VERIFY LOCATION WITH CONSTRUCTION MANAGER.

PS18 PROVIDE A BACKFLOW PREVENTER FOR CHEMICAL DISPENSERS AT MOP SINK AND 3-COMPARTMENT SINK AS REQUIRED BY AUTHORITY HAVING JURISDICTION. VERIFY REQUIREMENTS PRIOR TO COMMENCING WORK.

PS19 1/2" CW SUPPLY FOR PITCHER RINSER TO BE ROUTED FROM UNDER COUNTER WATER PIPING STUB-UP. SEE NOTE 14 FOR ADDITIONAL INFORMATION.

PS20 1/2" TO COLD WATER FAUCET.

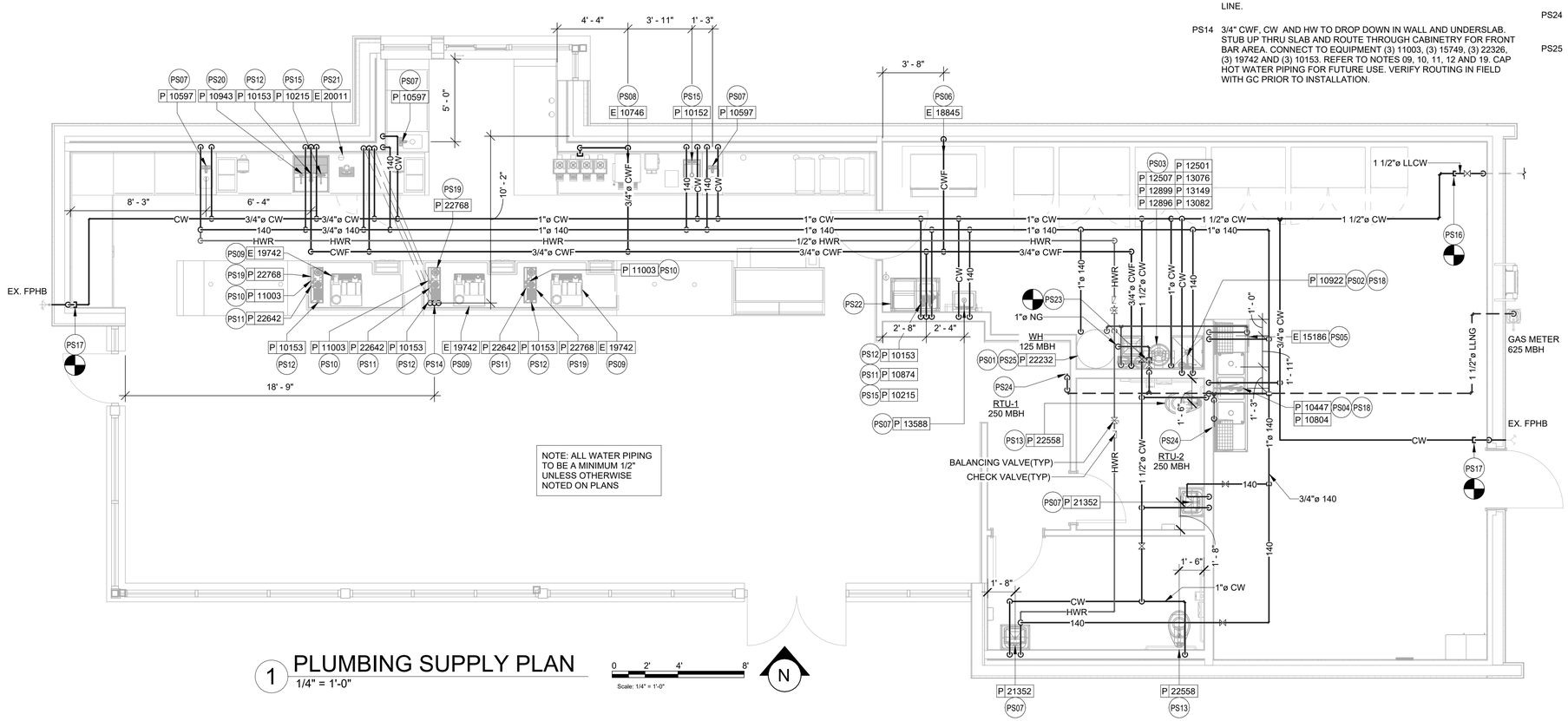
PS21 INSTALL N/2-FUSION - NITRO DISPENSING SYSTEM PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE ROUTING, INSTALLATION AND RESPONSIBILITY WITH GENERAL CONTRACTOR AND STARBUCKS NITROGENATION VENDOR.

PS22 PROVIDE 3/4" CWF AND 1/2" HW & CW DROP FOR WATER FILLING STATION.

PS23 MAKE CONNECTION TO NATURAL GAS LINE STUB BY GENERAL CONTRACTOR. GENERAL CONTRACTOR TO PROVIDE METER AND ANY REQUIRED VALVING. VERIFY THAT SERVICE IS ADEQUATE TO SUPPLY 625 MBH. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH LOCAL CODES. BID SHALL INCLUDE ALL WORK FOR A FULLY OPERATIONAL SYSTEM. ALL GAS PIPE SIZES SHOWN FOR LOW PRESSURE (LESS THAN 2 LBS.). VERIFY EXACT LOCATION, PRESSURE AND REQUIREMENTS ON SITE. SEE LANDLORD & CIVIL DRAWINGS FOR ADDITIONAL INFORMATION AND CONTINUATION.

PS24 1-1/4" GAS TO MECHANICAL RTU-1 & 2 ON ROOF WITH APPROVED SHUT-OFF VALVE & DIRT LEG BY GENERAL CONTRACTOR.

PS25 1" GAS TO WATER HEATER WITH APPROVED SHUT-OFF VALVE & DIRT LEG.



1 PLUMBING SUPPLY PLAN
1/4" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant
129-22

WILLIAM J. ALKEMEYER LICENSE No. 52422 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	AMK/AMK

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING SUPPLY PLAN
SCALE: AS SHOWN

SHEET NUMBER:
P101

12/6/2023 2:31:47 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

GREASE INTERCEPTOR CALCULATIONS

Reviewed by: Andy

Reference No. 30559 — Project Name: Coffee Shop* - Riverview, FL (41148-086)

Step 1: Flow rate to grease interceptor

Fixture flow rate: (cu in / 231) = gal x 0.75 / 1 min = 1 min flow rate

NAME	TYPE	DIMENSIONS	QTY	CU IN	FLOW RATE
3 Comp Work (13700)	3 Compartment Sink	16" x 19" x 14" (3)	1	12,768	41.45 GPM
Advansys (15186)	Undercounter (Dishwasher)	N/A	1	1,155	5 GPM
Countertop Rinser (19277)	Bar Sink One Bowl	26" x 9" x 12"	2	5,616	18.24 GPM
Drain Tray (17650)	Floor Sink	N/A	1	N/A	N/A
Floor Drain	Floor Drain	N/A	3	N/A	N/A
Hand Sink (14688)	Hand Sink	10" x 14" x 5"	1	700	2.27 GPM
Hand Sink Drop-in (4)	Hand Sink	10" x 6" x 5"	1	300	0.97 GPM
Ice Machine (10294)	Floor Sink	N/A	1	N/A	N/A
Mop Sink (10995)	Mop Basin	24" x 24" x 10"	1	5,760	18.7 GPM
Rinse Drop-In (10549)	Bar Sink One Bowl	12" x 20" x 14"	1	3,360	10.91 GPM
Rinse w/Drainboard (17565)	Bar Sink One Bowl	15" x 27" x 14"	1	5,670	18.41 GPM
Water Filling Station (18743)	Floor Sink	N/A	1	N/A	N/A
Total					**115.95 GPM**

Step 2: Grease Production

Servings per day x Grease production value x Days between pump-outs = Grease output

Number of meals served per day: 1000
Grease production value: 0.005 lbs per serving (Coffee Shop: Low / No flatware)
Days between pump-outs: 90 days

1000 x 0.005 x 90 = 450 lbs of FOG

SCHIER MODEL	
GB-250	**Description:** Polyethylene Grease Interceptor **Dimensions:** Length: 87", Width: 33", Height: 44" **Flow Rates/Grease Capacities:** 100 GPM / 1895.0 lbs **Liquid Capacity:** 277 gal

PLUMBING WASTE GENERAL NOTES

A. ALL PLUMBING LINES TO BE ROUTED SUCH THAT THEY ARE NOT VISIBLE TO CUSTOMERS EXCEPT WHERE FIRST APPROVED BY STARBUCKS AT EXPOSED CEILING AREAS.

B. REFER TO MANUFACTURER SPECIFICATIONS FOR LOCATION OF CONNECTIONS UNLESS OTHERWISE NOTED.

C. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTION TO ALL PLUMBING EQUIPMENT.

D. DIMENSIONS ARE TO FINISH FACE UNLESS OTHERWISE NOTED.

E. REFER TO DETAIL SHEETS FOR PLUMBING FITTINGS LOCATED IN CASEWORK.

F. WHEN BUNDLING SEVERAL INDIRECT WASTE LINES TO DRAIN INTO A FLOOR SINK, A LINE STRUT IS REQUIRED FOR SECURING AND BRACING ALL LINES ABOVE THE DRAIN.

G. FURNISH & INSTALL ALL NEEDED INDIRECT DRAINS PER CODE (NOT ALL SHOWN). INSTALL DRAINS AT 2% SLOPE WHERE POSSIBLE WITHOUT DIPS OR SAGS. ALL INDIRECT DRAINS SHALL RUN SEPARATELY FROM EACH OTHER TO INDIRECT DRAIN RECEPTOR AND SHALL TERMINATE WITH AN AIR GAP

H. FURNISH & INSTALL WALL CLEANOUTS AT ALL SINKS AND AS NEEDED AND PER CODE (NOT ALL SHOWN).

I. INSULATE ICE BIN DRAINAGE PIPES PER THE REQUIREMENTS IN THE PLUMBING SPECIFICATIONS.

DFU CALCULATION

DESCRIPTION	QTY	F.U. EACH	TOTAL
WATER CLOSET	2	4	8
LAVATORY	2	1	2
MOP SINK	1	3	3
3" OUTLET FLOOR SINK	7	5	35
3" OUTLET FLOOR DRAIN	4	5	20
HAND SINK	4	1	4
TOTAL D.F.U.			71

71 D.F.U = 4" MINIMUM SANITARY SEWER
2020 BUILDING CODE, PLUMBING, 7TH EDITION

PLUMBING WASTE KEYED NOTES

PW01 1" INDIRECT DRAIN FROM DRIP PAN AND 3/4" PRESSURE RELIEF FROM WATER HEATER TO FLOOR DRAIN. SEE DETAIL ON SHEET P501 FOR ADDITIONAL INFORMATION.

PW02 3" WASTE FROM MOP SINK.

PW03 2" INDIRECT DRAINS FROM THE 3-COMP SINK TO FLOOR SINK.

PW04 1-1/2" INDIRECT DRAIN FROM DISHWASHER TO FUNNEL OVER FLOOR SINK (IF PERMITTED). 1-1/2" TRADE SIZE PIPE MINIMUM REDUCED TO 3/4" FPT CONNECTION.

PW05 (2) 3/4" INDIRECT DRAIN FROM ICE MACHINE AND BIN TO INDIRECT DRAIN AT FLOOR SINK.

PW06 5/8" DRAIN HOSE FROM ESPRESSO MACHINE TO INDIRECT DRAIN RISER. SEE DETAIL ON SHEET P502.

PW07 1" INDIRECT INSULATED DRAIN LINE FROM ICE BIN DROP TO FLOOR SINK.

PW08 1" INDIRECT WASTE FROM DRAIN HOSE OF THE WARE RINSER TO FLOOR SINK AS REQUIRED.

PW09 3" WASTE FROM FLOOR SINK. GENERAL CONTRACTOR MAY NEED TO MODIFY CABINET BASE TO ALLOW ACCESS TO FLOOR SINK.

PW10 2" WASTE FROM SINK.

PW11 4" WASTE FROM TOILET. CONTRACTOR TO VERIFY THAT A 1/4" SLOPE FROM TOILET WASTE CAN BE ACHIEVED WITH GENERAL CONTRACTOR BEFORE INSTALLING LOW FLUSH TOILET.

PLUMBING WASTE KEYED NOTES

PW12 MAKE CONNECTION TO 4" MINIMUM SANITARY SEWER WASTE LINE TO THE PREMISES,PROVIDED BY GENERAL CONTRACTOR, DEDICATED TO THE TENANTS USE. THE INVERT ELEVATION AT THE FURTHEST POINT OF CONNECTION SHALL BE A MINIMUM DEPTH OF 36" BELOW FINISHED FLOOR AND MAINTAIN A MINIMUM SLOPE OF 1/4" PER LINEAL FOOT AND SHALL BE PER LOCAL CODE.

PW13 1-1/2" INDIRECT DRAIN TO FLOOR SINK.

PW14 3" WASTE FROM FLOOR DRAIN. PROVIDE TRAP PRIMERS FOR ALL FLOOR DRAINS.

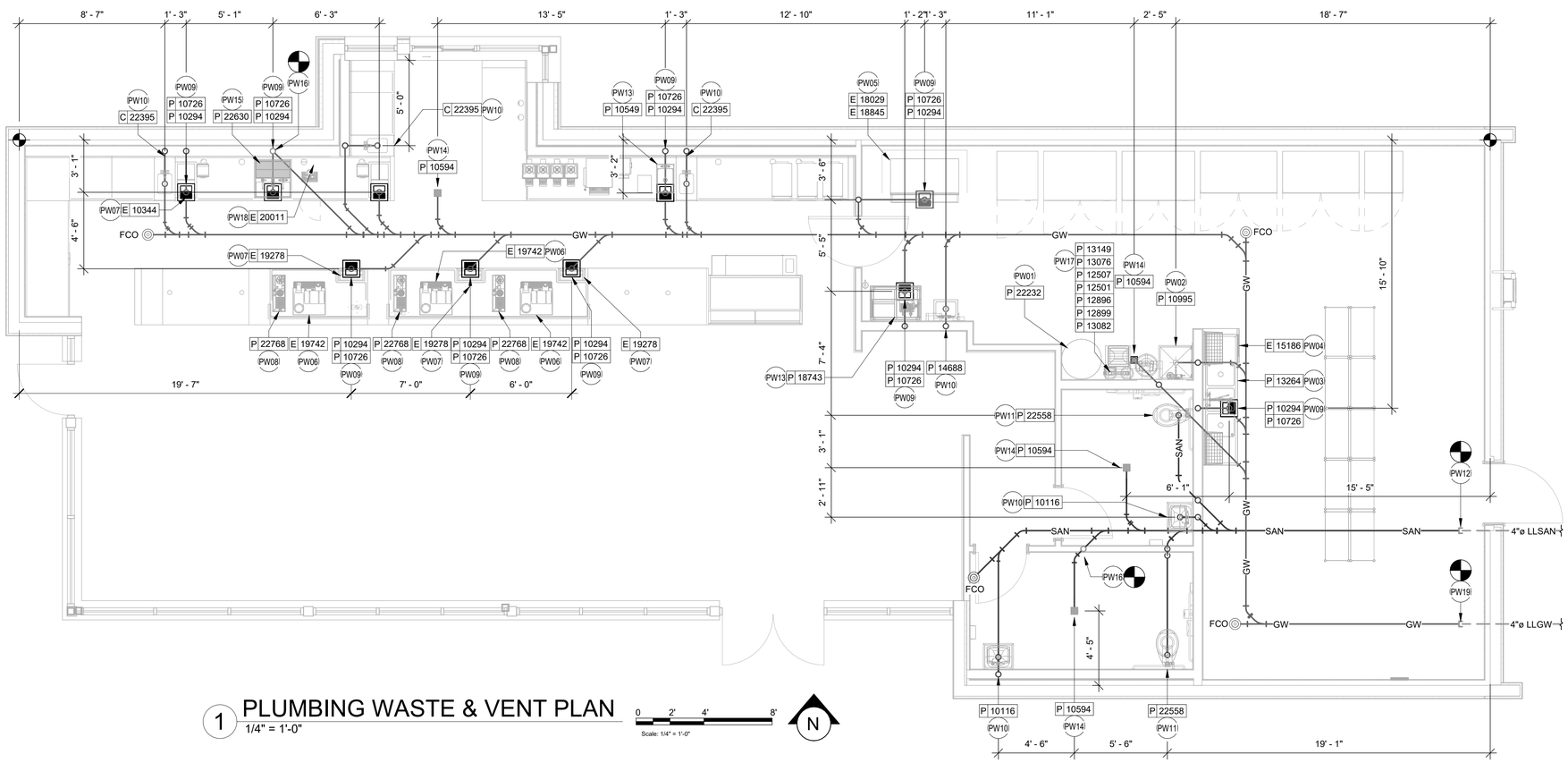
PW15 (2) 1-1/2" INDIRECT DRAINS FROM SINK TO FLOOR SINK.

PW16 MAKE CONNECTION TO EXISTING 4" VENT THROUGH ROOF. A MINIMUM OF 10' CLEARANCE TO AIR INTAKES SHALL BE MAINTAINED. VERIFY EXACT LOCATION, SIZE AND REQUIREMENTS ON SITE. SEE SHELL DRAWINGS FOR ADDITIONAL INFORMATION AND CONTINUATION.

PW17 INDIRECT DRAIN FROM WATER EQUIPMENT TO NEAREST DRAIN RECEPTACLE. CONTRACTOR TO VERIFY EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER. SEE DETAIL ON SHEET P501.

PW18 ROUTE INDIRECT WASTE FROM THE DRAIN TRAY AND 1/2" INDIRECT CONDENSATE WASTE FORM THE COLD BREW NITRO SYSTEM TO FLOOR SINK. INSTALL PER MANUFACTURER'S RECOMMENDATION. COORDINATE INSTALLATION AND RESPONSIBILITY WITH GENERAL CONTRACTOR AND STARBUCKS NITROGENATION VENDOR.

PW19 MAKE CONNECTION TO 4" MINIMUM GREASE WASTE LINE TO THE PREMISES,PROVIDED BY GENERAL CONTRACTOR, DEDICATED TO THE TENANTS USE. THE INVERT ELEVATION AT THE FURTHEST POINT OF CONNECTION SHALL BE A MINIMUM DEPTH OF 36" BELOW FINISHED FLOOR AND MAINTAIN A MINIMUM SLOPE OF 1/4" PER LINEAL FOOT AND SHALL BE PER LOCAL CODE. LANDLORD TO PROVIDE AND INSTALL A SCHIER GB-250, 277 GALLON EXTERIOR GREASE INTERCEPTOR PER LOCAL CODE. SEE GREASE TRAP CALCULATION ON SHEET P102 FOR SIZE AND MODEL. VERIFY EXACT LOCATION IN FIELD.



1 PLUMBING WASTE & VENT PLAN
1/4" = 1'-0"

Scale: 1/4" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant

129-22

WILLIAM J. ALKEMEYER — LICENSE No. 52422 — STATE OF FLORIDA — PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	AMK/AMK

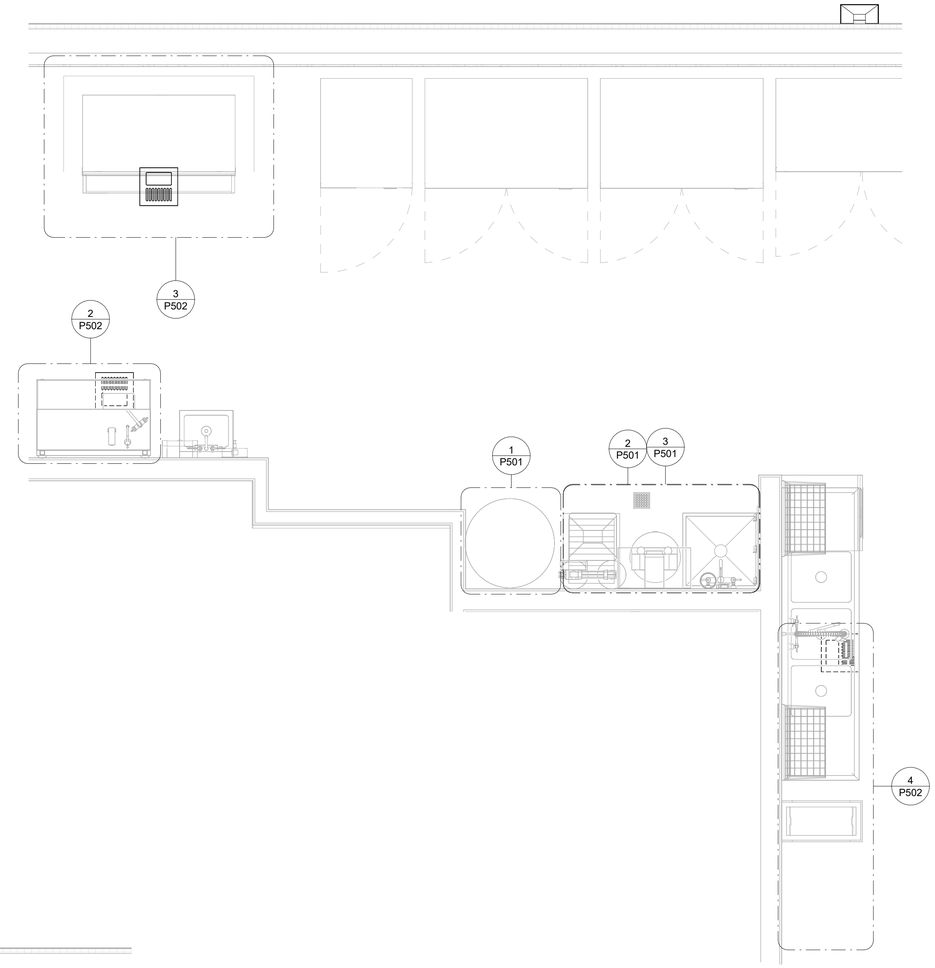
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING WASTE & VENT PLAN
SCALE: AS SHOWN

SHEET NUMBER:
P102

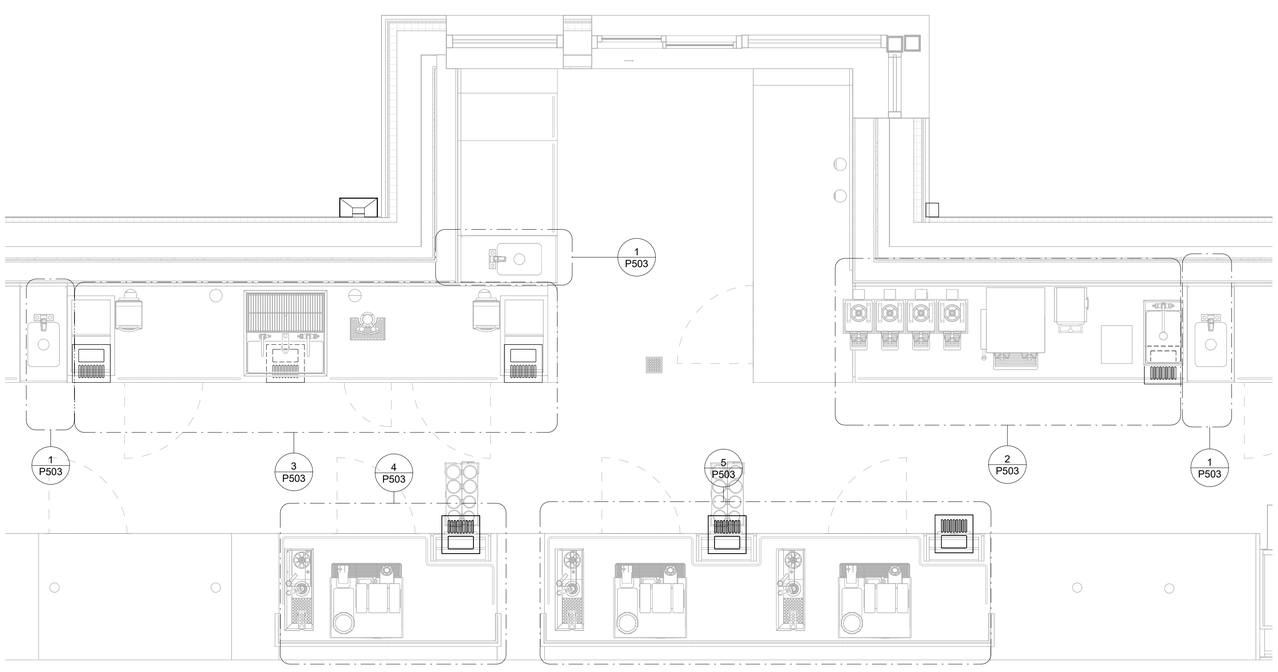
12/6/2023 2:31:53 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt



2 BOH ENLARGED PLUMBING PLACEMENT PLAN
1/2" = 1'-0"

0 1' 2' 4'
Scale: 1/2" = 1'-0"

N



1 FOH ENLARGED PLUMBING PLACEMENT PLAN
1/2" = 1'-0"

0 1' 2' 4'
Scale: 1/2" = 1'-0"

N

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant

129-22

WILLIAM J. ALKEMEYER
LICENSE
No. 52422
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND &
SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	AMK/AMK

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ENLARGED PLUMBING PLACEMENT PLANS
SCALE: AS SHOWN

SHEET NUMBER:
P103

12/6/2023 2:32:01 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

PLUMBING WASTE KEYED NOTES

PW01 1" INDIRECT DRAIN FROM DRIP PAN AND 3/4" PRESSURE RELIEF FROM WATER HEATER TO FLOOR DRAIN. SEE DETAIL ON SHEET P501 FOR ADDITIONAL INFORMATION.

PW02 3" WASTE FROM MOP SINK.

PW03 2" INDIRECT DRAINS FROM THE 3-COMP SINK TO FLOOR SINK.

PW04 1-1/2" INDIRECT DRAIN FROM DISHWASHER TO FUNNEL OVER FLOOR SINK (IF PERMITTED). 1-1/2" TRADE SIZE PIPE MINIMUM REDUCED TO 3/4" FPT CONNECTION.

PW05 (2) 3/4" INDIRECT DRAIN FROM ICE MACHINE AND BIN TO INDIRECT DRAIN AT FLOOR SINK.

PW06 5/8" DRAIN HOSE FROM ESPRESSO MACHINE TO INDIRECT DRAIN RISER. SEE DETAIL ON SHEET P502.

PW07 1" INDIRECT INSULATED DRAIN LINE FROM ICE BIN DROP TO FLOOR SINK.

PW08 1" INDIRECT WASTE FROM DRAIN HOSE OF THE WARE RINSER TO FLOOR SINK AS REQUIRED.

PW09 3" WASTE FROM FLOOR SINK. GENERAL CONTRACTOR MAY NEED TO MODIFY CABINET BASE TO ALLOW ACCESS TO FLOOR SINK.

PW10 2" WASTE FROM SINK.

PW11 4" WASTE FROM TOILET. CONTRACTOR TO VERIFY THAT A 1/4" SLOPE FROM TOILET WASTE CAN BE ACHIEVED WITH GENERAL CONTRACTOR BEFORE INSTALLING LOW FLUSH TOILET.

PLUMBING WASTE KEYED NOTES

PW12 MAKE CONNECTION TO 4" MINIMUM SANITARY SEWER WASTE LINE TO THE PREMISES,PROVIDED BY GENERAL CONTRACTOR, DEDICATED TO THE TENANTS USE. THE INVERT ELEVATION AT THE FURTHEST POINT OF CONNECTION SHALL BE A MINIMUM DEPTH OF 36" BELOW FINISHED FLOOR AND MAINTAIN A MINIMUM SLOPE OF 1/4" PER LINEAL FOOT AND SHALL BE PER LOCAL CODE.

PW13 1-1/2" INDIRECT DRAIN TO FLOOR SINK.

PW14 3" WASTE FROM FLOOR DRAIN. PROVIDE TRAP PRIMERS FOR ALL FLOOR DRAINS.

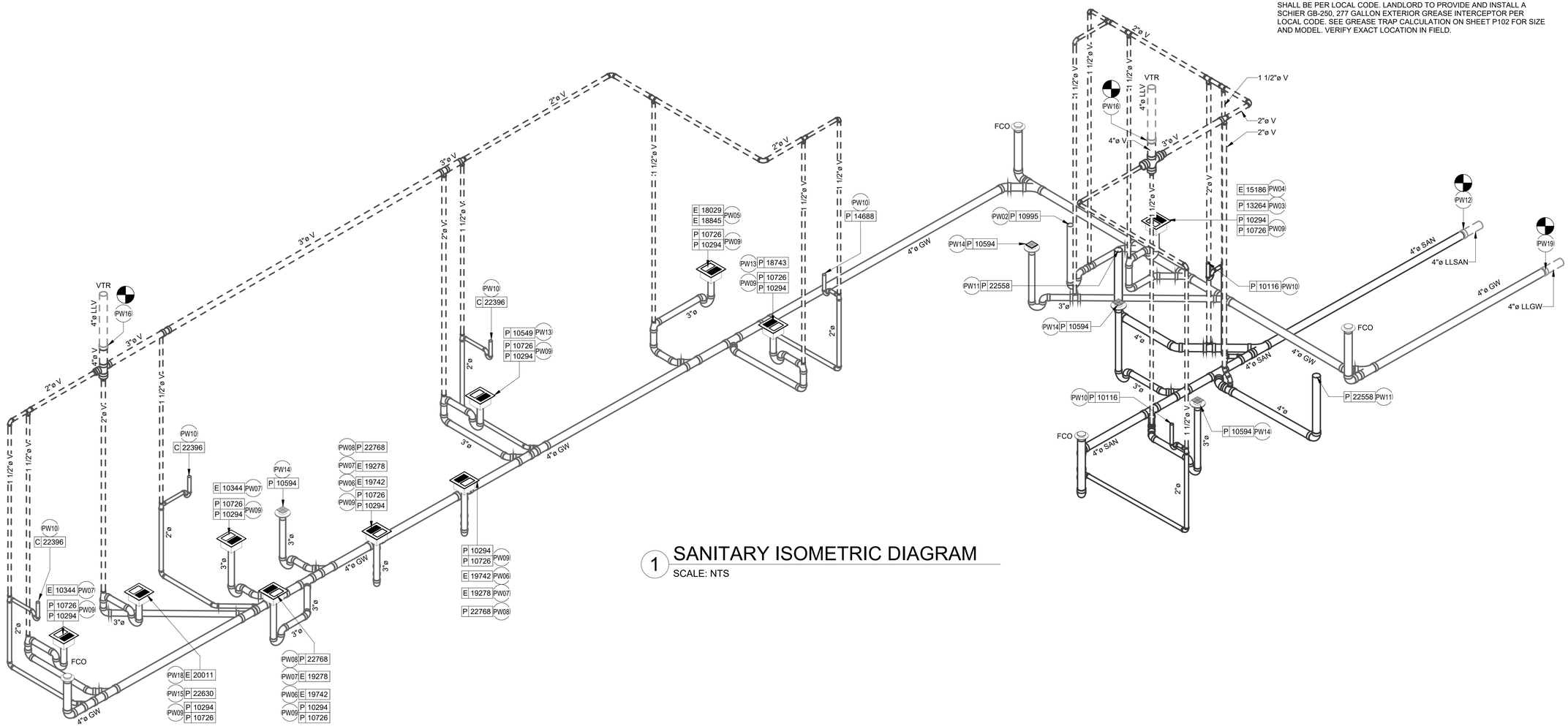
PW15 (2) 1-1/2" INDIRECT DRAINS FROM SINK TO FLOOR SINK.

PW16 MAKE CONNECTION TO EXISTING 4" VENT THROUGH ROOF. A MINIMUM OF 10' CLEARANCE TO AIR INTAKES SHALL BE MAINTAINED. VERIFY EXACT LOCATION, SIZE AND REQUIREMENTS ON SITE. SEE SHELL DRAWINGS FOR ADDITIONAL INFORMATION AND CONTINUATION.

PW17 INDIRECT DRAIN FROM WATER EQUIPMENT TO NEAREST DRAIN RECEPTACLE. CONTRACTOR TO VERIFY EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER. SEE DETAIL ON SHEET P501.

PW18 ROUTE INDIRECT WASTE FROM THE DRAIN TRAY AND 1/2" INDIRECT CONDENSATE WASTE FORM THE COLD BREW NITRO SYSTEM TO FLOOR SINK. INSTALL PER MANUFACTURER'S RECOMMENDATION. COORDINATE INSTALLATION AND RESPONSIBILITY WITH GENERAL CONTRACTOR AND STARBUCKS NITROGENATION VENDOR.

PW19 MAKE CONNECTION TO 4" MINIMUM GREASE WASTE LINE TO THE PREMISES,PROVIDED BY GENERAL CONTRACTOR, DEDICATED TO THE TENANTS USE. THE INVERT ELEVATION AT THE FURTHEST POINT OF CONNECTION SHALL BE A MINIMUM DEPTH OF 36" BELOW FINISHED FLOOR AND MAINTAIN A MINIMUM SLOPE OF 1/4" PER LINEAL FOOT AND SHALL BE PER LOCAL CODE. LANDLORD TO PROVIDE AND INSTALL A SCHIER GB-250, 277 GALLON EXTERIOR GREASE INTERCEPTOR PER LOCAL CODE. SEE GREASE TRAP CALCULATION ON SHEET P102 FOR SIZE AND MODEL. VERIFY EXACT LOCATION IN FIELD.



1 SANITARY ISOMETRIC DIAGRAM
SCALE: NTS

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant

129-22

WILLIAM J. ALKEMEYER
LICENSE
No. 52422
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	AMK/AMK

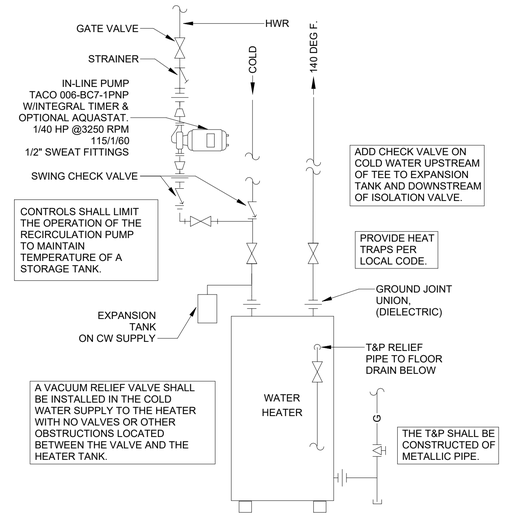
Revision Schedule

Rev	Date	By	Description

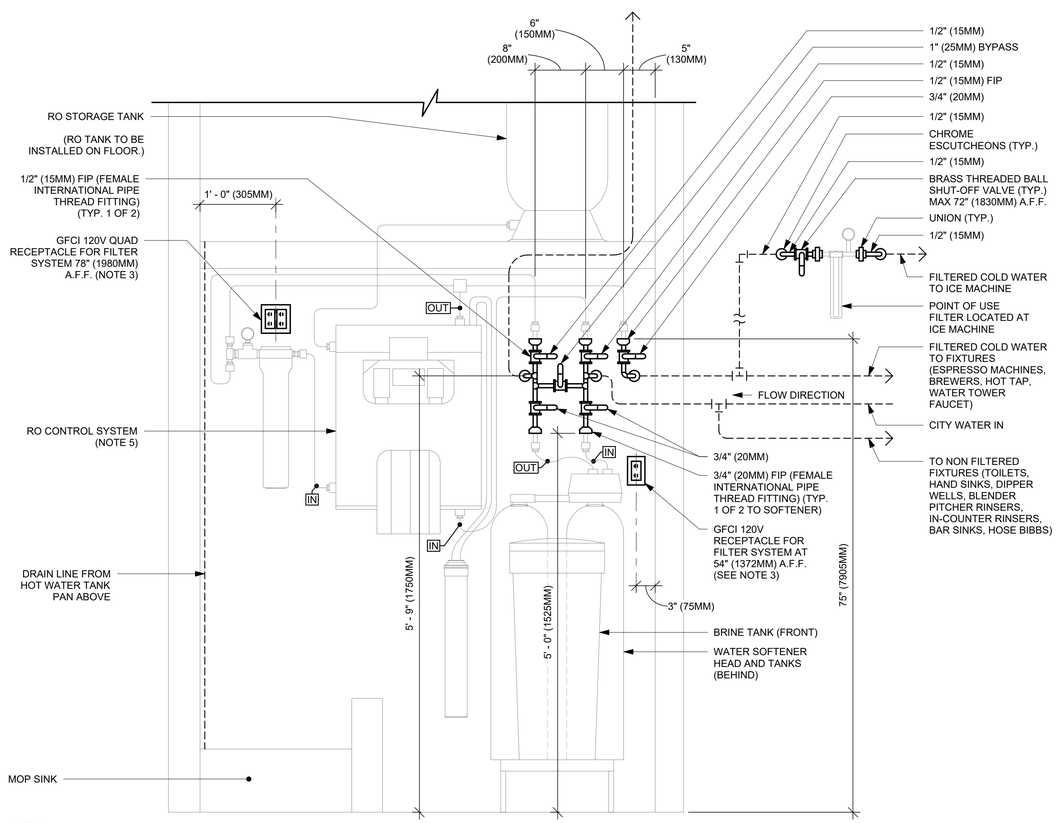
SHEET TITLE:
SANITARY ISOMETRIC DIAGRAM
SCALE: AS SHOWN

SHEET NUMBER:
P104

12/6/2023 2:32:03 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

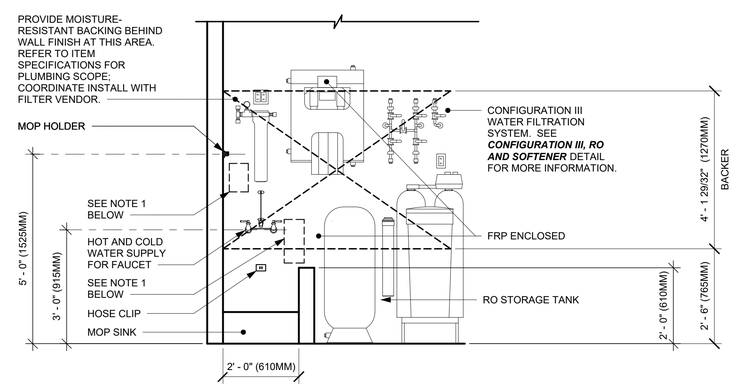


1 GAS WATER HEATER DETAIL
1/4" = 1'-0"



NOTES:
1. ALL COMPONENTS DRAWN IN BOLD ARE GC RESPONSIBILITY. GC TO COORDINATE INSTALLATION OF ALL OTHER COMPONENTS SHOWN WITH FILTER VENDOR.
2. ALL PIPING SHALL BE COPPER EXCEPT PEX TYPE PIPING WHICH IS ACCEPTABLE BETWEEN FILTER SYSTEM COMPONENTS AND ADVANSYS DISHWASHER WHERE ALLOWED BY CODE.
3. COORDINATE WITH ELECTRICAL CONTRACTOR FOR RECEPTACLES.
4. PROVIDE WATER SOFTENER INDIRECT DRAIN TO SINK, INSTALLED PER CODE. (CONFIRM REQUIREMENTS WITH SOFTENER EQUIPMENT CUTSHEETS IN ITEM SPECIFICATIONS).
5. IN MUNICIPALITIES WITH BRINE RESTRICTIONS, REFER TO THE WATER SYSTEM CONFIGURATIONS APPENDIX UNDER ITEM SPECIFICATIONS FOR WATER SOFTENER EXCHANGE TANK SCHEMATIC.
6. COMPONENTS ARE TO BE POSITIONED TO MAXIMIZE ACCESS FOR REGULAR SERVICING. PRE-FILTER, BYPASS VALVES, AND SOFTENER TANKS MUST BE INSTALLED 72" (1828MM) AFF OR LOWER.

2 CONFIGURATION III, RO AND SOFTENER WATER FILTRATION
1" = 1'-0"



NOTE:
1. KEEP CLEAR AT BACKWALL FOR CHEMICAL DISPENSING SYSTEM COMPONENTS, TO BE INSTALLED BY SYSTEM VENDOR. REFER TO POSTED INSTALLATION GUIDELINES FOR MORE INFORMATION.

3 CONFIGURATION III
1/2" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant

129-22

WILLIAM J. ALKEMEYER
LICENSE
No. 52422
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	AMK/AMK

Revision Schedule

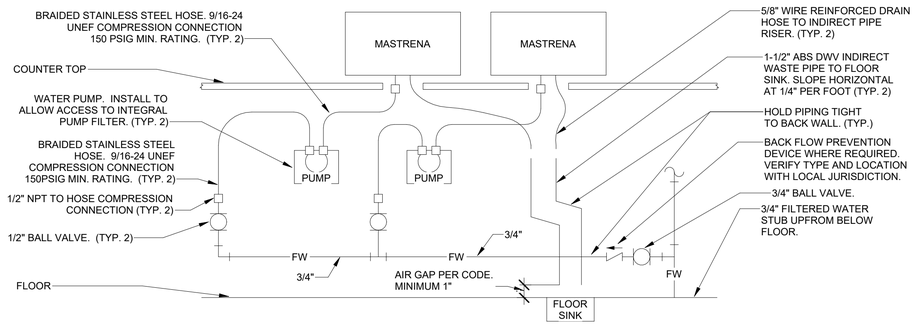
Rev	Date	By	Description

SHEET TITLE:
PLUMBING DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
P501

12/6/2023 2:32:03 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt



1 MASTRENA GENERAL PIPING CONNECTION SCHEMATIC

SCALE: NTS

DETAIL NOTES

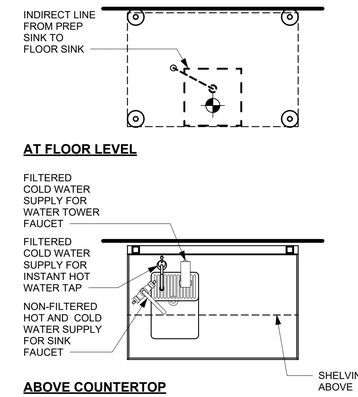
1. THIS DETAIL IS SCHEMATIC ONLY. FOR THE LOCATION OF THE COMPONENTS SHOWN, AND
EXTENT OF THE WORK REQUIRED, SEE THE PLAN DRAWINGS.

2. ALL WATER HOSE SHALL BE THE MINIMUM LENGTH NEEDED AND SUPPORTED AS REQUIRED TO AVOID STRESSING CONNECTIONS AND COILING EXCESSIVE HOSE.
ROUTE TO AVOID KINKING AND ALLOW SPACE FOR UNDER COUNTER REFRIGERATOR AND ACCESS TO EQUIPMENT AND VALVES.

3. ALL PIPING SHALL BE HELD TIGHT TO WALLS,
SLOPED WHERE REQUIRED AND ROUTED TO FLOW ACCESS TO EQUIPMENT AND VALVES.

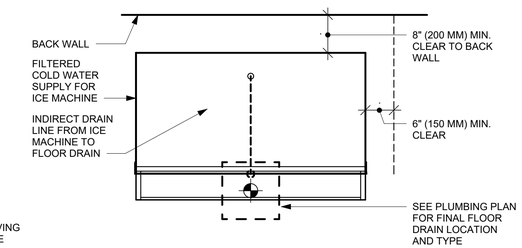
4. ROUTE HORIZONTAL PIPING A MINIMUM OF 6" ABOVE FLOOR.

5. INSTALL PUMP AS SHOWN ON PLANS. COORDINATE LOCATION AND ELEVATION WITH OTHER TRADES. ORIENT PUMP AS REQUIRED TO ALLOW MAINTENANCE.



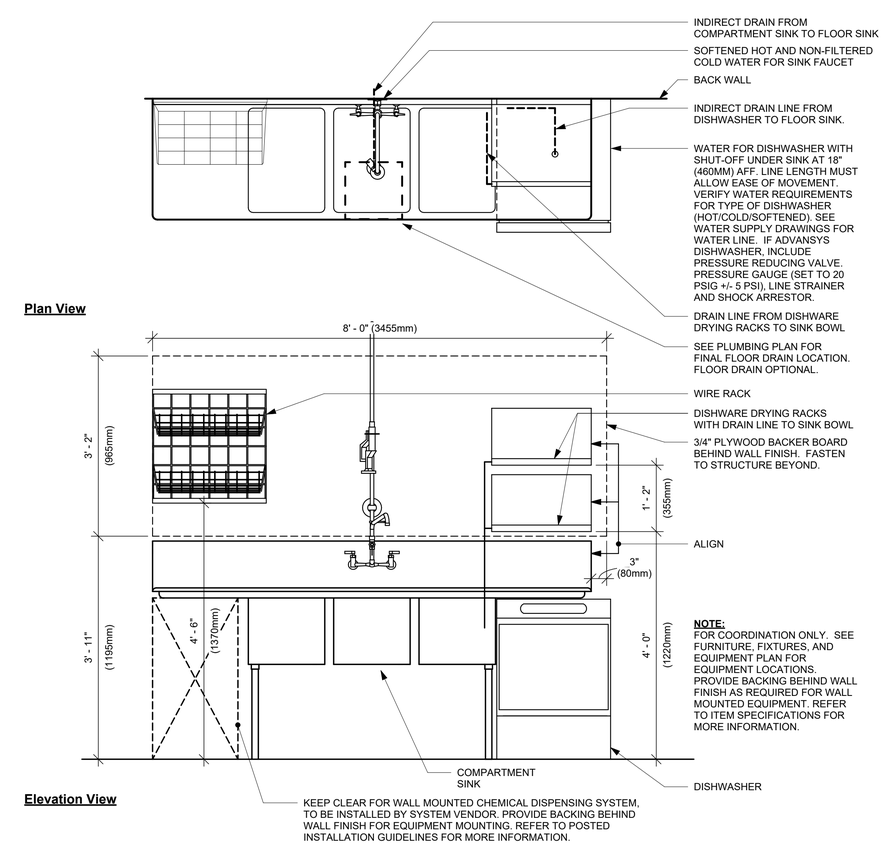
2 WATER FILLING STATION

3/4" = 1'-0"



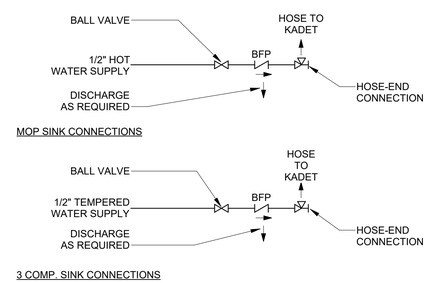
3 ICE MACHINE

3/4" = 1'-0"



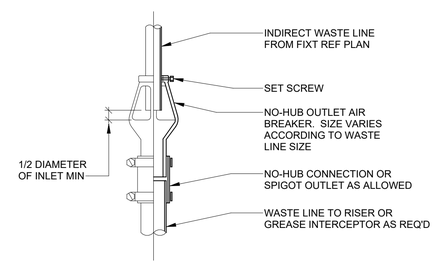
4 SANITIZING (GENERIC)

3/4" = 1'-0"



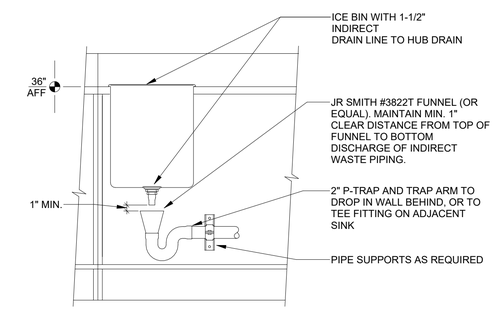
5 CHEMICAL SANITIZER CONNECTION SCHEMATICS

SCALE: NTS



6 AIR BREAKER DETAIL

SCALE: NTS



7 ICE BIN HUB DRAIN DETAIL

SCALE: NTS

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant

129-22

WILLIAM J. ALKEMEYER LICENSE No. 52422 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	AMK/AMK

Revision Schedule

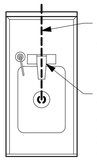
Rev	Date	By	Description

SHEET TITLE:
PLUMBING DETAILS

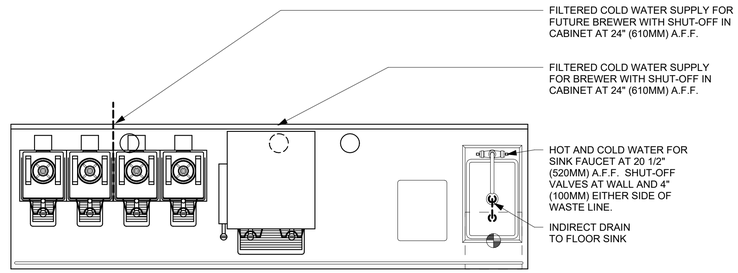
SCALE: AS SHOWN

SHEET NUMBER:
P502

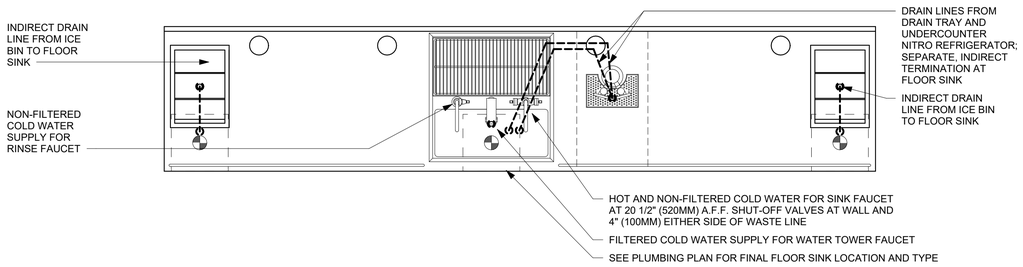
12/6/2023 2:32:04 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt



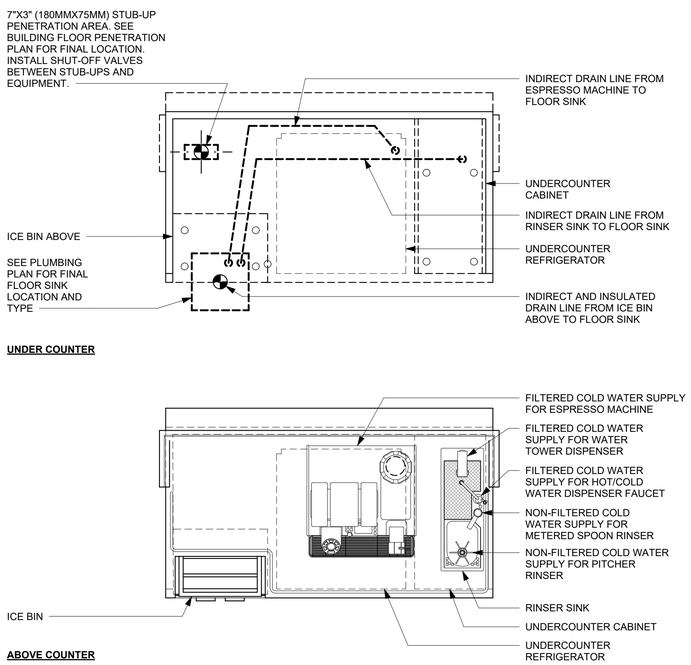
1 ADD 02-01 PLUMBING
3/4" = 1'-0"



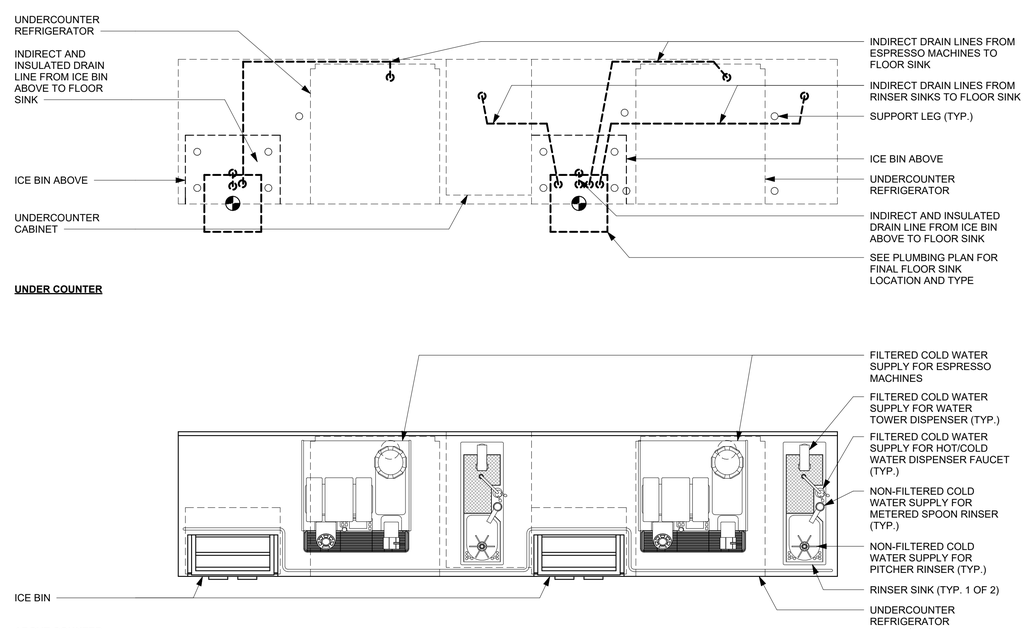
2 BRW 03-02 PLUMBING
3/4" = 1'-0"



3 CBE 14-01 PLUMBING
3/4" = 1'-0"



4 ESP 01-01 PLUMBING
3/4" = 1'-0"



5 ESP 05-02 PLUMBING
3/4" = 1'-0"

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant

129-22

WILLIAM J. ALKEMEYER
LICENSE
No. 52422
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	AMK/AMK

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
P503

12/6/2023 2:32:05 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt

PLUMBING FIXTURE SCHEDULE - "P"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DRAIN					
10294	10	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	ZURN FD2372-H, A.R.E. FLOOR SINK WITH 6" SUPM DEPTH AND 1/2 GRATE.
10594	5	DRAIN - SQUARE - 5IN 125MM	GC	GC	JAY R SMITH MODEL #2005Y (B) OR EQUAL
10726	10	DRAIN - GRATE HALF SQUARE - 12IN 305MM	SB	GC	ZURN FD2372-NH3-H. PART NUMBER 29601-003 FOR HALF GRATE OPTION
FAUCET					
10152	1	FAUCET - DOUBLE LABORATORY WITH BENT RISER SPOUT	SB	GC	
10153	5	FAUCET - WATER TOWER - 12IN 305MM	SB	GC	
10215	2	FAUCET - DOUBLE LABORATORY WITH SWING SPOUT	SB	GC	
10447	1	FAUCET - PRE RINSE SPRAYER WALL MOUNTED	SB	GC	
10597	3	FAUCET - SINGLE HANDLE	SB	GC	0.5 GPM FLOW RATE
10804	1	FAUCET - PRE RINSE SWING SPOUT	SB	GC	
10874	1	FAUCET - HOT WATER DISPENSER GOOSENECK	SB	GC	
10922	1	FAUCET - MOP SINK WALL MOUNTED	SB	GC	
10943	1	FAUCET - SINGLE LABORATORY WITH SWING SPOUT	SB	GC	
11003	3	FAUCET - METERED	SB	GC	
13588	1	FAUCET - HAND SINK WALL MOUNTED	SB	GC	
21352	2	FAUCET - RESTROOM WITH MOTION SENSOR	SB	GC	HARD WIRED
22642	3	FAUCET - INSTANTHOT SYSTEM 2 BUTTON WITH BOILER AND BRACKET	SB	GC	KIT INCLUDES FONT, UNDERCOUNTER BOILER AND BOILER BRACKET FOR SIDE PANEL MOUNTING. BRACKET CAN BE FLOOR MOUNTED USING SET OF (4) STAINLESS STEEL LEGS, ORDERED SEPARATELY THROUGH VENDOR.
FILTER					
12501	1	FILTER - RO SYSTEM 600GPD	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
12507	1	FILTER - RO SYSTEM 40GAL STORAGE TANK	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
12896	1	FILTER - BRINE TANK	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
12899	2	FILTER - POLY GLASS VESSEL	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
13076	1	FILTER - PREFILTRATION SYSTEM	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
13082	1	FILTER - WATER SOFTENER TWIN	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
13149	1	FILTER - PRESSURE GAUGE	SB	GC	CONFIGURATION III. GC TO COORDINATE WITH SBUX VENDOR.
OTHER					
22232	1	WATER HEATER TANK GAS - 125K BTU	SB	GC	BRADFORD WHITE COMMERICAL EF SERIES MODEL EF-60T-125-3N (A). 145 GPH RECOVERY @100 DEGREE RISE. SET WATER HEATER TO 140 DEGREES. ENERGY FACTOR 0.96
SINK					
10116	2	SINK - RESTROOM WALL MOUNTED	SB	GC	
10549	1	SINK - RINSE DROP IN SST - 12X20IN 305X510MM	SB	GC	
10995	1	SINK - MOP - 24X24IN 610X610MM	SB	GC	
13264	1	SINK - 3 COMP WORK SST - 93IN 2350MM	SB	GC	
14688	1	SINK - HAND WITH SIDE SPLASH WALL MOUNTED SST	SB	GC	
18743	1	SINK - WATER FILLING STATION - 36X24IN 915X610MM	SB	GC	
22630	1	SINK - RINSE DROP IN - 27X26IN 685X670MM	SB	GC	
22768	3	SINK - COUNTERTOP RINSER WITH WATER TOWER - 26X9IN 660X235MM	SB	GC	
TOILET					
22558	2	TOILET - TANKLESS AUTOMATIC SINGLE FLUSH	GC	GC	WC TO BE PURCHASED THROUGH FERGUSON: NA.PROJECTS@FERGUSON.COM; TOILET: ZURN Z5665-BWL1 HET ELONGATED, ADA HEOGHT, FLOOR MOUNTED ECOVANTAGE FLUSH VALVE TOILET; TOILET SEAT: PROFLO COMMERCIAL TOILET SEAT PFTSCOFE2000WH; FLUSH VALVE: ZURN ZTR6200EC-LL. 1.28 GPF (4.8 LPF); BATTERY POWERED EXPOSED SENSOR FLUSH VALVE FOR SENSOR OPERATED WATER CLOSET.

SPECIALTY EQUIPMENT SCHEDULE - "E"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COOLING					
10267	7	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	SB	GC	
10970	1	FRIDGE REACH IN 1 DOOR LH - 29IN 735MM	SB	GC	
11083	2	FRIDGE REACH IN 2 DOOR - 51X35IN 1295X890MM	SB	GC	
12618	2	FRIDGE UNDERCOUNTER 1 DOOR WITH SHELF - 27IN 685MM	SB	GC	
13620	1	FREEZER REACH IN 1 DOOR LH - 27IN 685MM	SB	GC	
13682	2	FREEZER REACH IN 2 DOOR - 54IN 1370MM	SB	GC	
20011	1	FRIDGE NITRO 2 TAP JT NITCOM RH	SB	GC	KIT INCLUDES UNDERCOUNTER FRIDGE, FONT, TRAY, AND TUBING
EQUIPMENT					
10312	4	BREWER SOFT HEAT WARMING STAND SINGLE	SB	GC	
10746	1	BREWER DUAL SOFT HEAT	SB	GC	
10808	1	GRINDER DITTING KR1203	SB	GC	
10856	6	BREWER SERVER SOFT HEAT	SB	GC	
12508	2	BLENDER QUIET MODEL ON COUNTER	SB	GC	
15186	1	DISHWASHER HOT LOW STEAM	SB	GC	
19742	3	ESPRESSO MACHINE MASTRENA II	SB	GC	
20032	3	OVEN EIKON E2S - BLACK	SB	GC	
21679	1	NITROGEN GENERATOR ELEMENT COMPACT	SB	GC	
FOOD CASE					
16238	1	FOOD CASE - ZEPHYR - 66IN 1675MM	SB	GC	
ICE					
10344	2	ICE - BIN DROP IN 90LB 40KG	SB	GC	
18029	1	ICE - BIN B110	SB	GC	
18845	1	ICE - MACHINE CIM1446HA SERIES AIR COOLED	SB	GC	
19278	3	ICE - BIN DROP IN 45LB 20KG HORIZONTAL	SB	GC	
OTHER					
10091	2	CUP DISPENSER TALL HOT VERTICAL	SB	GC	
10099	2	RESTROOM TOILET PAPER HOLDER	SB	GC	
10172	2	RESTROOM SEAT COVER DISPENSER	SB	GC	
10179	2	HAND DRYER SURFACE MOUNTED	SB	GC	
10384	2	DIAPER CHANGING STATION HORIZONTAL	SB	GC	
10396	2	CUP DISPENSER SHORT HOT VERTICAL	SB	GC	
10501	1	FIRE EXTINGUISHER	GC	GC	LOCALLY SOURCED.
10641	2	RESTROOM TRASH SANITARY NAPKIN WALL MOUNTED	SB	GC	
10769	2	RESTROOM GRAB BAR VERTICAL - 18IN 455MM	SB	GC	
10791	4	CUP DISPENSER GRANDE VENTI COLD VERTICAL	SB	GC	
10855	4	CUP DISPENSER GRANDE VENTI HOT VERTICAL	SB	GC	
10858	2	CUP DISPENSER TALL COLD VERTICAL	SB	GC	
10859	2	RESTROOM GRAB BAR - 48IN 1220MM	SB	GC	
10862	2	RESTROOM GRAB BAR - 36IN 915MM	SB	GC	
10947	1	SOAP DISPENSER WALL MOUNTED	SB	GC	
10977	1	PAPER TOWEL DISPENSER FULL SIZE - TRANSLUCENT GRAY	SB	GC	
11115	2	SOAP DISPENSER SINK MOUNTED	SB	GC	
13330	2	MOBILE CUP DISPENSER CADDY	SB	GC	
13584	2	CUP DISPENSER TRENTA COLD VERTICAL	SB	GC	
20403	6	KEG - 3GAL	SB	GC	
20671	3	CEILING FAN - BIG ASS FANS HAIKU - BLACK	SB	GC	
21988	2	HAND DRYER BACK PANEL	SB	GC	
22627	1	NITRO 2 TAP HANDLE WITH BADGE AND MOUNT KIT	SB	GC	JOE TAP, FOR USE AT BACKBAR NITRO FONT
STORAGE					
10222	2	WIRE SHELF GRID AT SINK	SB	GC	
10416	10	WORKROOM SHELVING - 36IN 915MM	SB	GC	
10462	10	WORKROOM SHELVING POSTS	SB	GC	
10698	1	MOP RACK WITH 3 HOLDERS	SB	GC	
13834	1	BASE - 24X18IN 610X455MM	SB	GC	
17255	1	PASTRY TRAY CART - 60IN 1525MM PASTRY TRAY CART - 60IN 1525MM	SB	GC	
17264	1	ROLLING PASTRY TRAY THAW RACK - 20X26IN 510X660MM	SB	GC	
17639	1	WORKROOM CART - 24IN 610MM	SB	GC	
TK0048	2	5 COMP LOCKER - 15IN 380MM	SB	GC	

CASEWORK SCHEDULE - "C"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
X0021	1	METAL CASING	GC	GC	
X0022	1	METAL CASING	GC	GC	
CABINET					
17580	2	CABINET - CBE TEA SHELF - 29IN 735MM - FLAT BLACK MT0028	SB	GC	
19281	3	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC	
21889	16	CABINET - BOX BASE - VARIABLE LENGTH	SB	GC	
21890	45	CABINET - SIDE PANEL	SB	GC	
21891	13	CABINET - BOTTOM SHELF - 15IN 380MM	SB	GC	
21892	9	CABINET - BACK PANEL - 15IN 380MM	SB	GC	
21893	8	CABINET - ADJUSTABLE SHELF - 15IN 380MM	SB	GC	
21894	11	CABINET - DOOR - 15IN 380MM	SB	GC	
21895	8	CABINET - DOOR TRASH - 15IN 380MM	SB	GC	
21896	2	CABINET - DRAWER - 15IN 380MM	SB	GC	
21902	8	CABINET - BOTTOM SHELF - 30IN 760MM	SB	GC	
21903	4	CABINET - BACK PANEL - 30IN 760MM	SB	GC	
21904	10	CABINET - ADJUSTABLE SHELF - 30IN 760MM	SB	GC	
21905	5	CABINET - DOOR - 30IN 760MM	SB	GC	
21906	1	CABINET - END CAP FRONTBAR			
21907	2	CABINET - END CAP BACKBAR	SB	GC	
21908	4	CABINET - FILLER PANEL - VARIABLE LENGTH	SB	GC	
21909	1	CABINET - DT POS UPPER CUBBY - 32IN 815MM	SB	GC	
21910	1	CABINET - FRENCH CLEAT - VARIABLE LENGTH	SB	GC	DESIGNER TO VERIFY QUANTITY, PROVIDE OVERALL LENGTH REQUIRED.
21912	3	CABINET - BACK PANEL FOR POS - 30IN 760MM	SB	GC	
21913	5	CABINET - EQUIPMENT MOUNTING PANEL	SB	GC	
22632	1	CABINET - CBE DRY INCLUSION SHELF - 44IN 1120MM - FLAT BLACK MT0028	SB	GC	
22749	2	CABINET - ESPRESSO PUMP MOUNT PANEL			
22986	1	CABINET - DELIVERY DRAWER - 15IN 380MM			
X0042	1	CUSTOM CABINET -BACKBAR	GC	GC	FINISH PL0019 MOTTLED BLACK
CAFE					
20129	1	CONDIMENT CART THREE DROP - WALNUT AND WHITE WD00077 CP0002	SB	GC	
20307	1	WALL BAY 3 UNIT - 90IN 2285MM - DARK WARM BROWN WD0001	SB	GC	
COUNTERTOP					
21919	4	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	
21920	3	COUNTERTOP - FRONTBAR - 15IN 380MM			
21923	2	COUNTERTOP - END CAP FRONTBAR	SB	GC	
21925	1	COUNTERTOP - BACKBAR - 15IN 380MM	SB	GC	
21927	3	COUNTERTOP - BACKBAR - 30IN 760MM	SB	GC	
21928	1	COUNTERTOP - END CAP BACKBAR			
22330	1	COUNTERTOP - BREW - LF - 105IN 2665MM	SB	GC	
22344	1	COUNTERTOP - ESPRESSO FRONTBAR - LF - 69IN 1755MM	SB	GC	
22346	1	COUNTERTOP - ESPRESSO SHROUD - 69IN 1755MM	SB	GC	
22353	1	COUNTERTOP - ESPRESSO FRONTBAR - RF - 141IN 3580MM	SB	GC	
22354	1	COUNTERTOP - ESPRESSO SHROUD - 141IN 3580MM	SB	GC	
22361	1	COUNTERTOP - POS - 84IN 2135MM	SB	GC	
22364	1	COUNTERTOP - DT POS - LF - 94IN 2390MM			
22378	1	COUNTERTOP - WARMING - LF - 107IN 2720MM			
22391	1	COUNTERTOP - CONSOLIDATED HANDOFF - 61IN 1550MM			
22395	3	COUNTERTOP - HAND SINK LOW SPLASH - 15IN 380MM			
23149	1	COUNTERTOP - CBE RINSE SINK 90LB ICE BINS - RF - 152IN 3860MM			
DIEWALL					
21885	21	DIEWALL - FRAMING - VARIABLE LENGTH	SB	GC	
21886	9	DIEWALL - BASE - VARIABLE LENGTH	SB	GC	
21887	8	DIEWALL - SUBSTRATE PANEL - VARIABLE LENGTH	SB	GC	
21888	62	DIEWALL - SUPPORT LEG	SB	GC	
OTHER					
11155	3	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 255X255MM	SB	GC	
21914	9	FRIDGE STOP BRACKET SET	SB	GC	
21915	1	ESPRESSO SNEEZE GUARD - 69IN 1755MM	SB	GC	
21917	1	ESPRESSO SNEEZE GUARD - 141IN 3580MM	SB	GC	
X0025	1	WOOD SLAT 1" X 2"	SB	GC	
PANEL					
21933	8	FINISH PANEL - VARIABLE LENGTH	SB	GC	

RESPONSIBILITY LEGEND

GC	GENERAL CONTRACTOR
LL	LANDLORD
SB	STARBUCKS

FOR CONSTRUCTION - FINAL PERMIT SET 12-1-23

© 2018 STARBUCKS COFFEE COMPANY

STARBUCKS®
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION i2020-07-27

NORR

William J. Alkemeyer, P.E.
345 Marshall Avenue
Suite 102
St. Louis, Missouri 63119
Phone (314) 772-1782
Engineering Consultant
129-22

WILLIAM J. ALKEMEYER
LICENSE
No. 52422
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

PROJECT NAME:
BIG BEND & SUMMERFIELD CROSSING

PROJECT ADDRESS:
10754 BIG BEND RD
RIVERVIEW, FL 33579
HILLSBOROUGH COUNTY

STORE #:	69057
PROJECT #:	94787-001
ISSUE DATE:	12-01-2023
SR. DESIGN MANAGER:	L. ALVAREZ-TABIO
PRODUCTION DESIGNER:	L. LA SPIA
CHECKED BY:	AMK/AMK

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
P601

12/6/2023 2:32:07 AM C:\Users\jkinealy\Documents\129-22 SB NS - FL - Big Bend & Summerfield Crossing_R23_jkinealy.rvt