

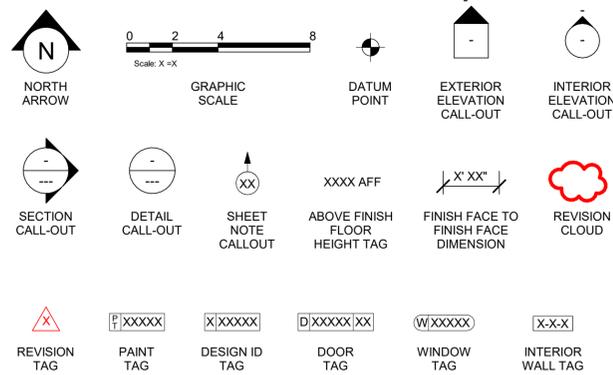
ABBREVIATIONS

ACT	AIR CONDITIONING
AC	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE
AF	ABOVE FINISHED FLOOR
AMP	AMPERE
ARCH	ARCHITECT
BOH	BACK OF HOUSE
CAB	CABINET
CL	CENTER LINE
CM	CEILING
CLG	STARBUCKS CONSTRUCTION MANAGER
CTR	CENTER
CX	COMMISSIONING
CXA	COMMISSIONING AGENT
DEG	DEGREE
DET	DETAIL
DIA	DIAMETER
DM	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
HOP	HANDOFF PLANE
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
MOP	MOBILE ORDER PICK UP
NIC	NOT IN CONTRACT
NIGHT	NIGHT LIGHT
NTS	NOT TO SCALE
OC	ON CENTER
OD	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

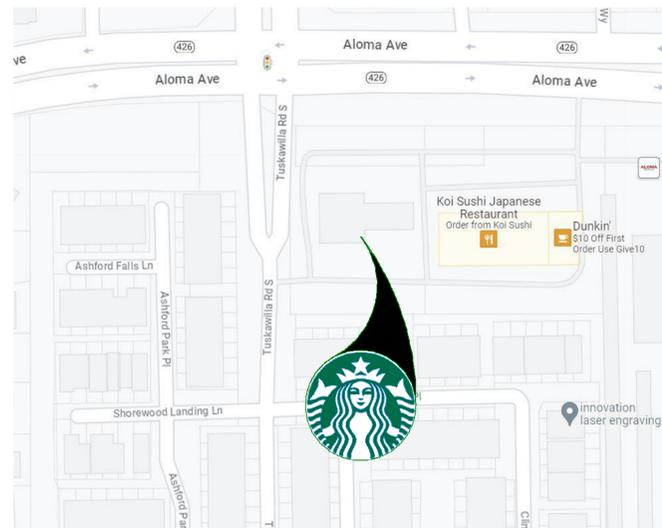
ARCHITECTURAL SYMBOL LEGEND



AERIAL MAP



VICINITY PLAN



PROJECT CONTACTS

MAILING ADDRESS: STARBUCKS COFFEE COMPANY
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(813) 204-9000 / (813) 223-6948 FAX
CONTACT: SARAH M. JOUBERT

MEP CONSULTANT OF RECORD: M-ENGINEERING
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WESTERVILLE, OH 43081
CONTACT: BRAD SHAFFER
BSHAFFER@MENGINEERING.US.COM

STRUCTURAL CONSULTANT OF RECORD: BLISS & NYITRAY, INC
10440 N. CENTRAL EXPRESSWAY SUITE 1530
DALLAS, TX 75231, USA
(214) 432-8232
CONTACT: ADAM R. PHELPS
A-PHELPS@BNIENGINEERS.COM

SCOPE OF WORK

SINGLE-TENANT INFILL OF AN EXISTING SINGLE-TENANT BUILDING TO INCLUDE:

- INTERIOR PARTITIONS, RESTROOMS, FINISHES, FURNITURE AND SPECIAL EQUIPMENT.
- EXTERIOR PATIO FURNITURE AND DRIVE-THRU EQUIPMENT.

BUILDING INFORMATION

OCCUPANCY TYPE: A-2
USE: RESTAURANT (COFFEE SHOP) / RETAIL SALES AND SERVICES
NUMBER OF STORIES: 1 (EXISTING)
TENANT AREA: 2,695 SQ.FT. (EXISTING)
TYPE OF CONSTRUCTION: IIB
INTERIOR FINISHES: WALLS AND CEILINGS (CLASS A)
FIRE SPRINKLER: NOT SPRINKLERED (EXISTING)

LANDLORD SHELL PERMIT NUMBER - BP23-000010398

EXISTING BASE BUILDING CODE REF.

CODE ANALYSIS
PARCEL ID: 36-21-30-513-0000-0010
ZONING CLASSIFICATION: PD PLANNED DEVELOPMENT
OCCUPANCY CLASSIFICATION: ASSEMBLY GROUP A-2 (F.B.C. 303.3)
BUILDING FOOTAGE: 2,700 SF
CONSTRUCTION TYPE: IIB UNSPRINKLERED
OCCUPANCY LOAD (PER FBC TABLE 1004.1.2) KITCHEN, COMMERCIAL ASSEMBLY 1071.27 CSF / 1544.5 CSF / 15 NET = 6 / 77
TOTAL OCCUPANCY 83

MINIMUM EGRESS WIDTH (PER FBC SECTION 1006)
REQUIRED EGRESS WIDTH = 83 PEOPLE X 0.2 = 16.6" PROVIDED: 15"
MINIMUM EXITS REQUIRED (PER FBC SECTION 1006.3.2)
OCCUPANT LOAD PER STORY: 1500 REQUIRED: 2 PROVIDED: 3
MAXIMUM TRAVEL DISTANCE (PER FBC TABLE 1017.3)
EXIT ACCESS TRAVEL DISTANCE SHALL NOT EXCEED 200' NO TRAVEL DISTANCE EXCEEDS THIS DISTANCE

ALL WALL, FLOOR AND CEILING FINISHES SHALL COMPLY WITH NFPA 101 SECTION 10.2.
REQUIRED FIRE-RESISTANCE FOR BUILDING ELEMENTS (FBC TABLE 601)
STRUCTURAL FRAME: 0 HOURS
BEARING WALLS (INTERIOR): 0 HOURS
BEARING WALLS (EXTERIOR): 0 HOURS
NONBEARING WALLS (INTERIOR): 0 HOURS
NONBEARING WALLS (EXTERIOR): 0 HOURS
FLOOR CONSTRUCTION: 0 HOURS
ROOF CONSTRUCTION: 0 HOURS

GENERAL NOTES

- 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.
- GENERAL CONTRACTOR SHALL VISIT THE SITE, REVIEW THE BUILDING SHELL DRAWINGS AS SUBMITTED BY THE LANDLORD OR STARBUCKS AND BECOME THOROUGHLY FAMILIAR WITH THE SITE CONDITIONS PRIOR TO CONSTRUCTION.
- GENERAL CONTRACTOR SHALL CONSULT WITH STARBUCKS CONSTRUCTION MANAGER TO RESOLVE ANY CHANGES, OMISSIONS OR PLAN DISCREPANCIES PRIOR TO CONSTRUCTION.
- ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL, COUNTY, STATE AND FEDERAL CODES AND ORDINANCES.
- GENERAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES.
- 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.
- 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.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS FOR FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SYSTEMS PRIOR TO INSTALLATION OF SUCH SYSTEMS.
- 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.
- 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.
- RESPONSIBILITY FOR SUPPLY AND DELIVERY OF MATERIALS AND EQUIPMENT IS IDENTIFIED IN THE DRAWING SCHEDULE SHEETS UNDER THE COLUMN LABELED "RESPONSIBILITY".
- 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.
- ALL ITEM SUBSTITUTIONS MUST BE APPROVED BY THE STARBUCKS CONSTRUCTION MANAGER.
- STARBUCKS WILL PROVIDE THE PROJECT MANUAL AND SPECIFICATIONS FOR THIS PROJECT.

APPLICABLE CODES

BUILDING CODES		
FBC	BUILDING, 7TH EDITION	2020
FBC	EXISTING BUILDING, 7TH EDITION	2020
FBC	ENERGY CONSERVATION, 7TH EDITION	2020
FBC	PLUMBING, 7TH EDITION	2020
FBC	MECHANICAL, 7TH EDITION	2020
FBC	ELECTRICAL, 7TH EDITION	2020
FBC	FIRE PREVENTION CODE, 7TH EDITION	2020
NATIONAL FIRE PROTECTION ASSOCIATION		
NFPA 1	FIRE CODE	2018
NFPA 101	LIFE SAFETY CODE	2018
NFPA-70	NATIONAL ELECTRICAL CODE	2017
ACCESSIBILITY GUIDELINES		
ADA	ADA STANDARDS FOR ACCESSIBLE DESIGN BY THE U.S. DEPARTMENT OF JUSTICE	2010
FBC	ACCESSIBILITY, 7TH EDITION	2020
ICC/ANSI 117.1	ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES	2017
ADDITIONAL GUIDELINES		
(ASHRAE)	ANSI/ASHRAE/IES STANDARD 90.1	2013

ZONING INFORMATION

ZONING:
PARCEL NUMBER: 36-21-30-513-0000-0010
LEASABLE AREA: 2,695 SQ.FT.
PROPOSED USE: RESTAURANT (COFFEE SHOP) / RETAIL SALES AND SERVICES
ZONING TYPE: PD - PLANNED DEVELOPMENT

JURISDICTION:

SEMINOLE COUNTY
1101 EAST FIRST STREET
SANFORD, FL 32771
PHONE: (407) 665 - 7050

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
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GENERAL

G002	LIFE SAFETY AND ACCESSIBILITY PLAN	X	X				
G003	FOOD SERVICE PLAN	X	X				
G004	ACCESSIBILITY GUIDELINES	X	X				
G004.1	ACCESSIBILITY GUIDELINES	X	X				
G005	PERSPECTIVE VIEWS	X	X				

ARCHITECTURAL

A101	BUILDING FLOOR PLAN	X	X				
A102	BUILDING FLOOR PENETRATION PLAN	X	X				
A501	WALL FRAMING DETAILS	X	X				
A601	WINDOW AND DOOR SCHEDULES & DETAILS	X	X				

INTERIORS

I101	FF & E PLAN	X	X				
I101.1	ENLARGED FF & E	X	X				
I102	CASEWORK PLAN	X	X				
I102.1	ADAPTABLE 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	DIMENS. REFLECTED CEILING PLAN	X	X				
I103.2	REFLECTED CEILING PLAN REFERENCE	X	X				
I104	FLOOR FINISH PLAN	X	X				
I105	WALL FINISH PLAN	X	X				
I201	INTERIOR FINISH ELEVATIONS	X	X				
I202	INTERIOR FINISH ELEVATIONS	X	X				
I203	INTERIOR FINISH ELEVATIONS	X	X				
I501	ADAPTABLE CASEWORK DETAILS	X	X				
I501.1	ADAPTABLE CASEWORK SECTIONS	X	X				
I502	CASEWORK DETAILS	X	X				
I503	IMPULSE FIXTURE DETAILS	X	X				
I504	RCP DETAILS	X	X				
I505	FLOOR FINISH DETAILS	X	X				
I506	FLOOR FINISH DETAILS	X	X				
I507	WALL FINISH DETAILS	X	X				
I508	ARTWORK DETAILS	X	X				
I509	MENU & SIGNAGE DETAILS	X	X				
I510	FURNITURE DETAILS	X	X				
I601	CASEWORK AND FF&E SCHEDULES	X	X				
I602	INTERIOR FINISHES SCHEDULES	X	X				

STRUCTURAL

S1.00	STRUCTURAL GENERAL NOTES	X	X				
S1.01	STRUCTURAL PLAN SPECIFICATIONS	X	X				
S2.00	SLAB ON GRADE PLAN & DETAILS	X	X				
S3.00	LIGHT GAUGE & DETAILS	X	X				
S3.01	LIGHT GAUGE DETAILS	X	X				

ELECTRICAL

E001	ELECTRICAL NOTES	X	X				
E003	ENERGY CALCULATIONS	X	X				
E101	POWER PLAN	X	X				
E102	LIGHTING PLAN	X	X				
E501	ELECTRICAL DETAILS	X	X				
E502	ELECTRICAL DETAILS	X	X				
E503	ELECTRICAL DETAILS	X	X				
E504	VENSTAR DETAILS	X	X				
E601	ELECTRICAL PANEL SCHEDULES	X	X				

MECHANICAL

M001	MECHANICAL NOTES	X	X				
M002	MECHANICAL DESIGN PLAN	X	X				
M003	HVAC LOAD CALCULATIONS	X	X				
M004	MECHANICAL LEGENDS	X	X				
M101	MECHANICAL DESIGN PLAN	X	X				
M102	MECHANICAL ROOF PLAN	X	X				
M501	MECHANICAL DETAILS	X	X				
M601	MECHANICAL SCHEDULES	X	X				

PLUMBING

P001	PLUMBING NOTES	X	X				
P100	PLUMBING DESIGN PLAN	X	X				
P101	PLUMBING SUPPLY PLAN	X	X				
P102	PLUMBING WASTE & VENT PLAN	X	X				
P501	PLUMBING DETAILS	X	X				
P502	PLUMBING DETAILS	X	X				
P503	PLUMBING DETAILS	X	X				
P504	PLUMBING DETAILS	X	X				
P505	PLUMBING DETAILS	X	X				
P601	PLUMBING SCHEDULES	X	X				

ARCHITECTURAL

AP101	BUILDING FLOOR PLAN	X	X				
APX003	ENLARGED EXTERIOR PLANS	X	X				
LANDLORD COORDINATION APPENDIX							
APX001	ARCHITECTURAL SITE PLAN	X	X				
APX002	ARCHITECTURAL SITE ENLARGED	X	X				
APX103	BUILDING ROOF PLAN	X	X				
APX201	BUILDING EXTERIOR ELEVATIONS	X	X				
APX202	BUILDING EXTERIOR ELEVATIONS	X	X				
APX501	ARCHITECTURAL SITE DETAILS	X	X				
APX502	ARCHITECTURAL SITE DETAILS	X	X				
APX503	ARCHITECTURAL SITE DETAILS	X	X				

PERMIT SET - FOR CONSTRUCTION USE



STARBUCKS
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(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: i2023.01.30

SARAH M. JOUBERT AIA, REG. NO. AR94307

Gensler

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PROJECT ADDRESS:
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OVIEDO, FL 32765**

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
GENERAL INFORMATION

SCALE: AS SHOWN

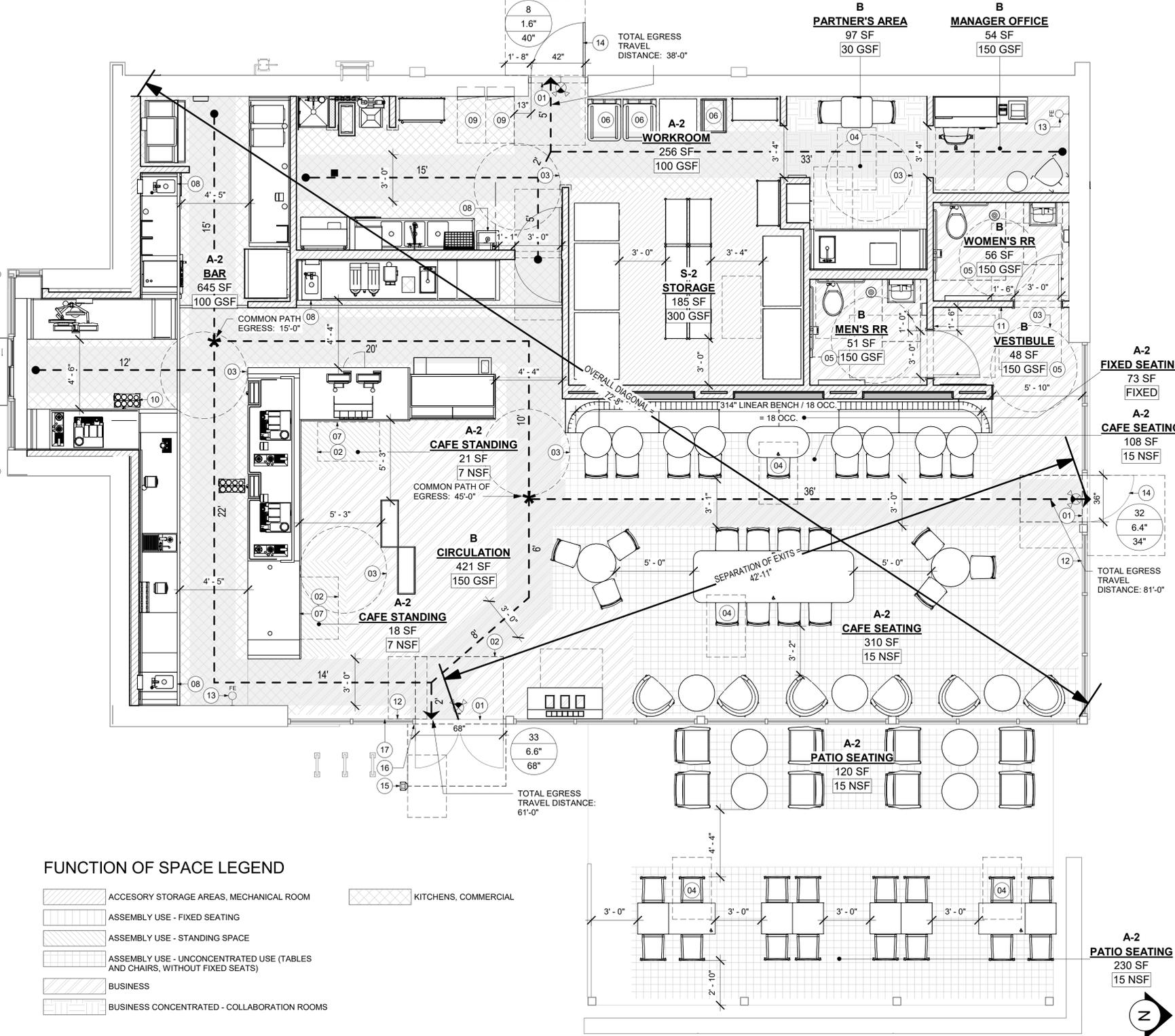
SHEET NUMBER:
G001

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).
- D. 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.
- E. 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)

- 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.
- 6) 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)

- F. 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)
- G. 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 (1120 MM). (1008.1.5, 1008.1.6)



FUNCTION OF SPACE LEGEND

[Pattern]	ACCESSORY STORAGE AREAS, MECHANICAL ROOM	[Pattern]	KITCHENS, COMMERCIAL
[Pattern]	ASSEMBLY USE - FIXED SEATING	[Pattern]	
[Pattern]	ASSEMBLY USE - STANDING SPACE	[Pattern]	
[Pattern]	ASSEMBLY USE - UNCONCENTRATED USE (TABLES AND CHAIRS, WITHOUT FIXED SEATS)	[Pattern]	
[Pattern]	BUSINESS	[Pattern]	
[Pattern]	BUSINESS CONCENTRATED - COLLABORATION ROOMS	[Pattern]	

INDOOR SEATING CALCULATIONS

DESCRIPTION	NUMBER OF ITEMS	SEATS	PER ITEM
TABLE TOP, SQUARE	01	08 SEATS	08
TABLE TOP, ROUND	02	03 SEATS	06
TABLE TOPS AT BANQUETTE	09	01 SEATS	09
SOFT SEATING	03	02 SEATS	06
TOTAL ACCESSIBLE SEATS (≥ 5%)		02	
TOTAL		29	

OUTDOOR SEATING CALCULATIONS

DESCRIPTION	NUMBER OF ITEMS	SEATS	PER ITEM
TABLE TOP, SQUARE	08	02 SEATS	16
TABLE TOP, ROUND	04	02 SEATS	08
TOTAL ACCESSIBLE SEATS (≥ 5%)		02	
TOTAL		24	

EGRESS CALCULATIONS

EXIT WIDTH REQUIRED - 73 OCC. x 0.2	= 14.6 IN.
EXIT WIDTH PROVIDED	= 142 IN.
EXITS	= 68 IN. PRIMARY ENTRY, 34 IN. SECONDARY ENTRY, 40 IN WORKROOM
NUMBER OF EXITS REQUIRED	= 02
NUMBER OF EXITS PROVIDED	= 03
MAXIMUM ALLOWABLE TRAVEL DISTANCE	= 200' - 00" = 200' - 00" (WITHOUT SPRINKLER, PER TABLE 1017.2)
MAXIMUM TRAVEL DISTANCE PROVIDED	= 81' - 00"
MAXIMUM ALLOWABLE COMMON PATH OF EGRESS	= 75' - 00" (WITHOUT SPRINKLER, PER TABLE 1006.2.1)
MAXIMUM COMMON PATH OF EGRESS PROVIDED	= 15' - 00"
MINIMUM EXIT SEPARATION	= 72' - 08" (MAXIMUM DIAGONAL) / 2 = 36' - 04"
EXIT SEPARATION PROVIDED	= 42' - 11"

PLUMBING FIXTURE CALCULATIONS

2020 BUILDING CODE - PLUMBING, TABLE 403.1.

OCCUPANCY	MALE	FEMALE	TOTAL	73 OCCUPANTS + 24 EXTERIOR SEATS = 97 OCCUPANTS			
48 OCC.	49 OCC.	49 OCC.	97 OCC.				
WATER CLOSETS				LAVATORY	WATER FOUNTAIN**	OTHER	
1 PER 75				1 PER 200	1 PER 500	1 SERVICE SINK	
REQUIRED	1 M	1 F	1 M	1 F	1 F	1	
PROVIDED	1 M	1 F	1 M	1 F	1 F	1	

*IN EACH BATHROOM OR TOILET ROOM, URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN 67% OF THE REQUIRED WATER CLOSETS IN ASSEMBLY OCCUPANCIES.

**RETAIL ESTABLISHMENT SERVES WATER UPON REQUEST.

NOTE:
TOTAL OCCUPANT LOAD (INTERIOR + EXTERIOR) IS USED FOR PLUMBING FIXTURE CALCULATIONS ONLY.

OCCUPANCY CALCULATIONS

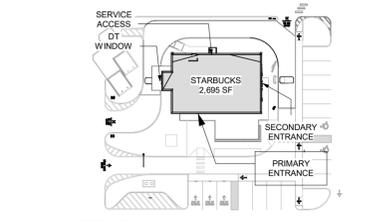
TYP	NAME	AREA	LINEAR	OCC. FACTOR	OCC. LOAD
EXTERIOR					
A-2	PATIO SEATING	350 SF		15	24
350 SF					
INTERIOR					
A-2	BAR	645 SF		100	7
A-2	CAFE SEATING	418 SF		15	28
A-2	CAFE STANDING	40 SF		7	6
B	CIRCULATION	421 SF		150	3
A-2	FIXED SEATING	73 SF	314 in	18	18
B	MANAGER OFFICE	54 SF		150	1
B	MEN'S RR	51 SF		150	1
B	PARTNER'S AREA	97 SF		30	3
S-2	STORAGE	185 SF		300	1
B	VESTIBULE	48 SF		150	1
B	WOMEN'S RR	56 SF		150	1
A-2	WORKROOM	256 SF		100	3
				2344 SF	73
INTERIOR + EXTERIOR OCC. TOTAL				2694 SF	97

ROOM SCHEDULE

NAME	AREA
EXTERIOR	
PATIO SEATING	350 SF
INTERIOR	
BAR	645 SF
CAFE SEATING	418 SF
CAFE STANDING	40 SF
CIRCULATION	421 SF
FIXED SEATING	73 SF
MANAGER OFFICE	54 SF
MEN'S RR	51 SF
PARTNER'S AREA	97 SF
STORAGE	185 SF
VESTIBULE	48 SF
WOMEN'S RR	56 SF
WORKROOM	256 SF
GRAND TOTAL	2694 SF

- LEGEND**
- ← (X) (P) → TRAVEL DISTANCE
 - * POINT OF CHOICE
 - BARRIER FREE PATH OF TRAVEL (MIN 3'-0" - NO PINCH POINT). FOH AND BOH EGRESS PATHS DO NOT INTERSECT. CREATING 2 INDEPENDENT EGRESS AREAS PER IBC 1004.1.1.1 INTERVENING SPACES OR ACCESSORY AREAS).
 - ⚡ EMERGENCY LIGHT
 - EXIT SIGN WITH EMERGENCY LIGHT
 - EXIT SIGN
 - ADA ACCESSIBLE SEATING 30" (762 MM) X 48" (1919 MM) CLEAR AREA
 - DOOR OCCUPANCY TAG**
 - ← NUMBER OF OCCUPANTS
 - ← CALCULATED EXIT WIDTH REQUIRED (IN.)
 - ← EXIT WIDTH PROVIDED (IN.)
 - ROOM TAG**
 - ← USE GROUP OF SPACE
 - ← ROOM NAME
 - ← AREA OF SPACE
 - ← OCCUPANCY MODIFIER PER LIFE SAFETY CODE
 - ⚡ FIRE EXTINGUISHER

- KEYED NOTES**
- 01 THRESHOLDS TO BE BARRIER FREE COMPLIANT PER ALL APPLICABLE CODES.
 - 02 30" (1525 MM) X 48" (1220MM) CLEAR FOR WHEELCHAIR ACCESS.
 - 03 60" (1525 MM) DIAMETER MINIMUM TURN RADIUS FOR WHEELCHAIR ACCESS.
 - 04 ACCESSIBLE SEATING SPACE.
 - 05 NON-SIMULTANEOUS USE AREAS.
 - 06 MOBILE TRASH BINS, AND HAMPER.
 - 07 POS TRANSACTION PLANE, CONDIMENT CART TOP AND HAND-OFF PLANE ARE 34 INCHES (860 MM) ABOVE THE FINISHED FLOOR FOR REACH RANGE.
 - 08 HAND SINK, SOAP AND PAPER TOWEL DISPENSER W/ BACKSPLASH AT SIDES, 8IN MIN.
 - 09 30" (762 MM) X 36" (914 MM) CLEAR FLOOR SPACE IN FRONT OF ELECTRICAL PANELS.
 - 10 MOBILE CUP DISPENSER.
 - 11 BARRIER-FREE SIGNAGE AT ACCESSIBLE RESTROOMS.
 - 12 PROVIDE TACTILE "EXIT" SIGNAGE.
 - 13 PLACE FIRE EXTINGUISHER PER LOCAL FIRE CODE REQUIREMENTS. COORDINATE TYPE AND SIZE WITH THE LOCAL INSPECTOR.
 - 14 EXISTING DOOR AND HARDWARE TO REMAIN.
 - 15 NEW BARRIER FREE HARDWARE ACTUATOR. REFER TO A602. GC TO COORDINATE WITH LL.
 - 16 EXISTING PANIC DEVICE HARDWARE.
 - 17 POSTING OF OCCUPANT LOAD. OWNER PROVIDED SIGNAGE.



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PROJECT NAME:
ALOMA AVE & TUSKAWILLA RD

PROJECT ADDRESS:
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OVIEDO, FL 32765**

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
LIFE SAFETY AND ACCESSIBILITY PLAN
SCALE: AS SHOWN

SHEET NUMBER:
G002



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PERMIT SET - FOR CONSTRUCTION USE

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PRODUCTION DESIGNER: GENSLER
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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
FOOD SERVICE PLAN

SCALE: AS SHOWN

SHEET NUMBER:
G003

HEALTH DEPT. FINISH SCHEDULE

BAR
FLOOR: POLYVINYL FLOORING
WALL: FRP BELOW COUNTER, CERAMIC BACKBAR WALL TILE, CORIAN BACKSPASH, POLYVINYL BASE
CEILING: PAINTED GYPSUM CEILING

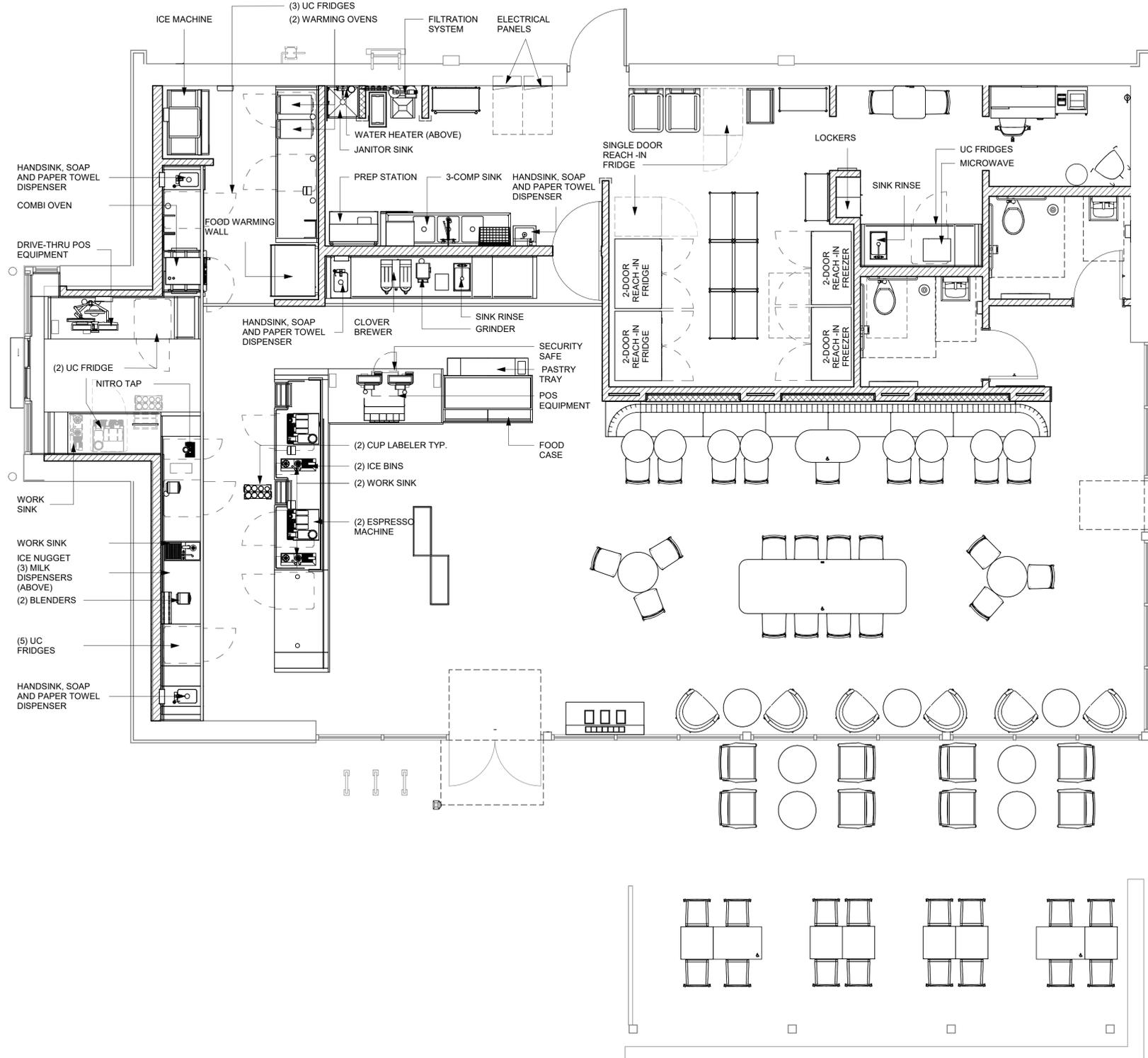
CAFE
FLOOR: CONCRETE FLORING, GROUND, POLISHED AND SEALED
WALL: WOOD CLADDING, WALL COVERING, PAINT
CEILING: PAINTED GYPSUM & ACM CEILING

WORKROOM
FLOOR: POLYVINYL FLOORING
WALL: FRP WITH POLYVINYL BASE
CEILING: ACOUSTICAL CEILING TILE

RESTROOM
FLOOR: CONCRETE FLORING, GROUND, POLISHED AND SEALED
WALL: CERAMIC WALL TILE
CEILING: PAINTED GYPSUM CEILING

HEALTH DEPT. PLAN NOTES

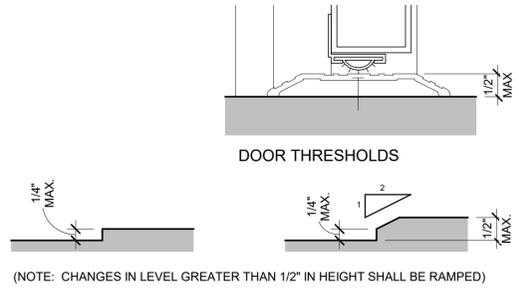
- A. GENERAL CONTRACTOR TO SCHEDULE WITH REFRIGERATION CONTRACTOR TO CONDUCT INITIAL FOOD CASE START-UP AND TESTING. FOR APPROVED CONTRACTOR, CONTACT THE VENDOR.
- B. THE SPACE IS SERVED BY THE MUNICIPAL WATER AND SEWER SYSTEM UNLESS OTHERWISE NOTED.
- C. ALL EQUIPMENT AND INSTALLATION WILL MEET NATIONAL 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.



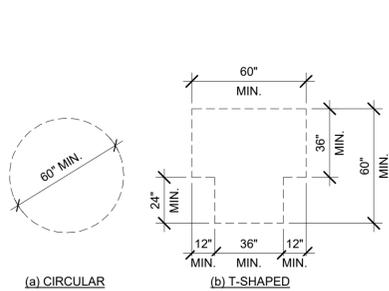
01 FOOD SERVICE PLAN
Scale: 1/4" = 1'-0"

GENERAL NOTES

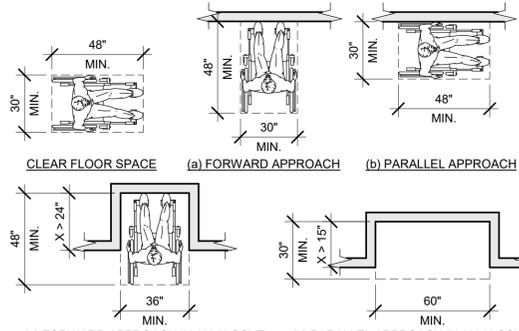
- A. SECTION REFERENCES INDICATED ON THIS SHEET ARE FOR 2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION.
- B. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF A WALKING SURFACE SHALL NOT BE STEEPER THAN 1:48 (REF: 403.3).



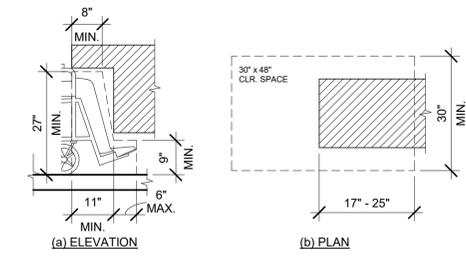
01 CHANGES IN LEVEL
Scale: 6" = 1'-0"



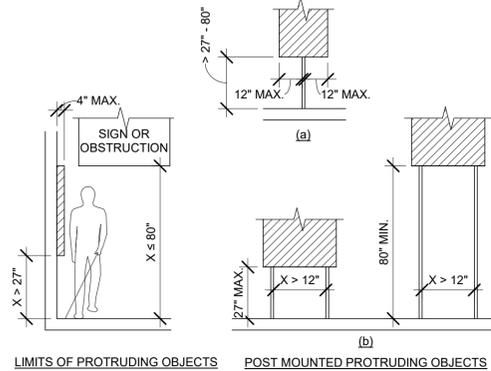
02 TURNING SPACE
Scale: 1/4" = 1'-0"



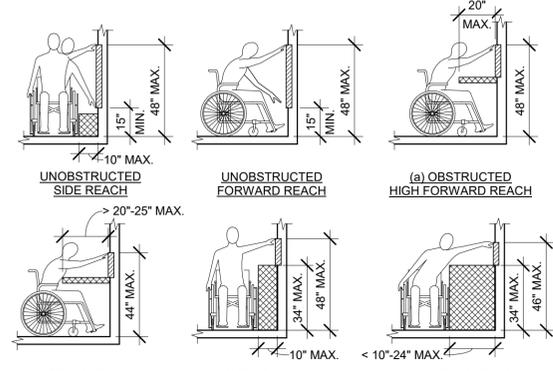
03 CLEAR FLOOR SPACE
Scale: 1/4" = 1'-0"



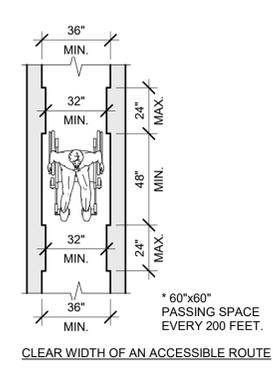
04 KNEE AND TOE CLEARANCE
Scale: 1/2" = 1'-0"



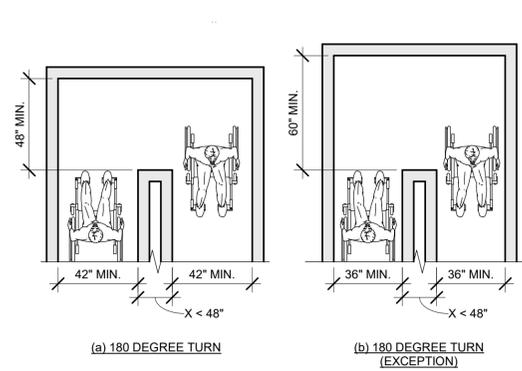
2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, ART. 307 PROTRUDING OBJECTS.



2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, ART. 308 REACH RANGES.



2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, FIG. 403.5.1 CLEAR WIDTH OF AN ACCESSIBLE ROUTE.



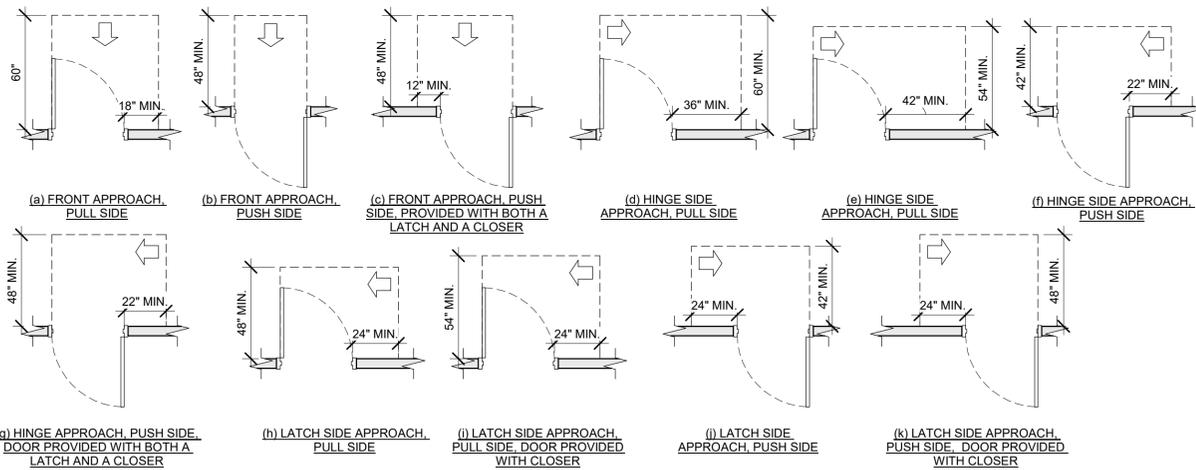
2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, FIG. 403.5.2 CLEAR WIDTH AT TURN.

05 PROTRUDING OBJECTS
Scale: 1/4" = 1'-0"

06 REACH RANGES
Scale: 1/4" = 1'-0"

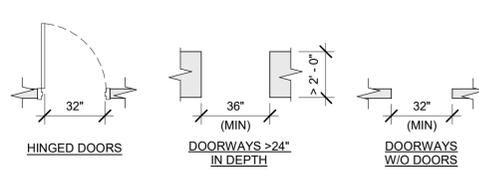
07 CLEAR WIDTH
Scale: 1/4" = 1'-0"

08 CLEAR WIDTH AT 180 DEGREE TURN
Scale: 1/4" = 1'-0"



MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS

2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, FIG. 404.2.4.2.



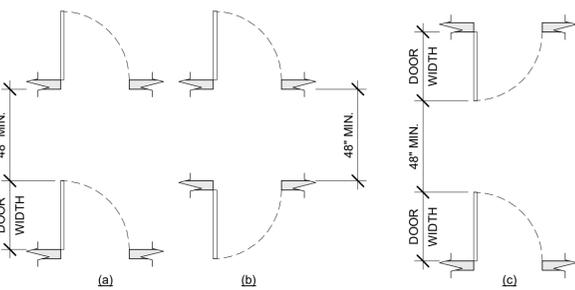
2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, 404.2.3.

09 MANEUVERING CLEARANCES AT SWINGING DOORS
Scale: 1/4" = 1'-0"

11 CLEAR WIDTH AT DOORS & DOORWAYS
Scale: 1/4" = 1'-0"

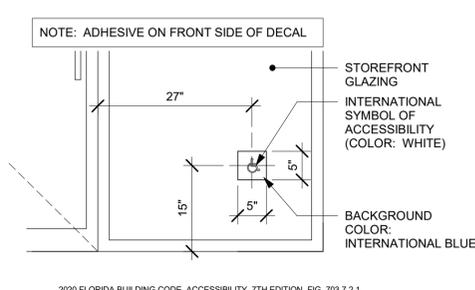
12 RECESSED DOORS
Scale: 1/4" = 1'-0"

13 ACCESSIBLE EXIT SIGN / SYMBOL
Scale: 3" = 1'-0"



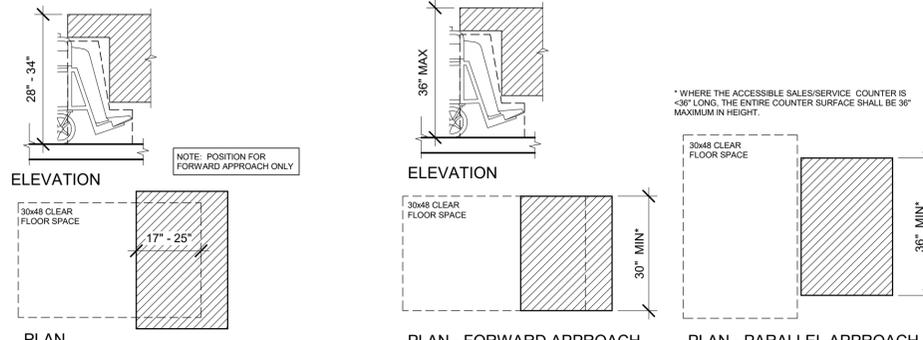
2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, FIG. 404.2.6 DOORS IN SERIES AND GATES IN SERIES.

14 DOORS IN SERIES
Scale: 1/4" = 1'-0"



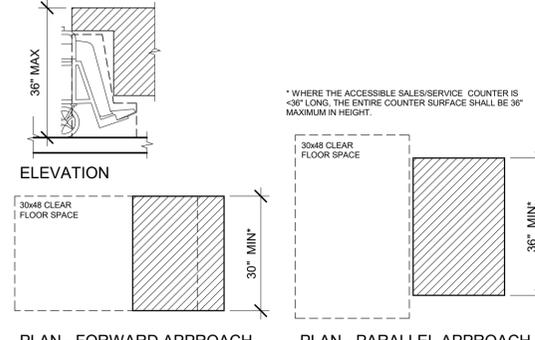
2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, FIG. 703.7.2.1 INTERNATIONAL SYMBOL OF ACCESSIBILITY.

15 ACCESSIBLE STOREFRONT ENTRANCE GRAPHIC
Scale: 3/4" = 1'-0"



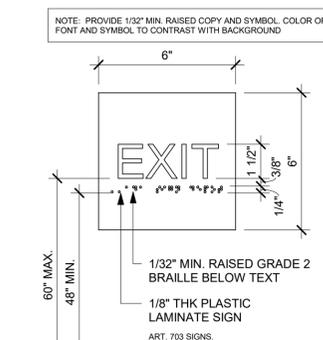
2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, ART. 902 DINING SURFACES AND WORK SURFACES.

16 DINING AND WORK SURFACES
Scale: 1/2" = 1'-0"



2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, ART. 904 CHECK-OUT AISLES AND SALES AND SERVICE COUNTERS.

17 SALES AND SERVICE COUNTERS
Scale: 1/2" = 1'-0"



2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, ART. 703 SIGNS.

18 EXIT SIGN - STANDARD
Scale: 3" = 1'-0"



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STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

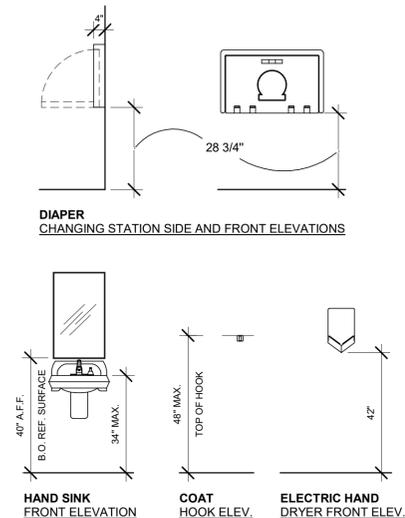
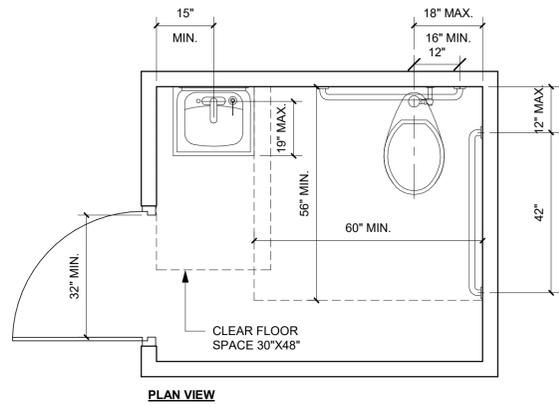
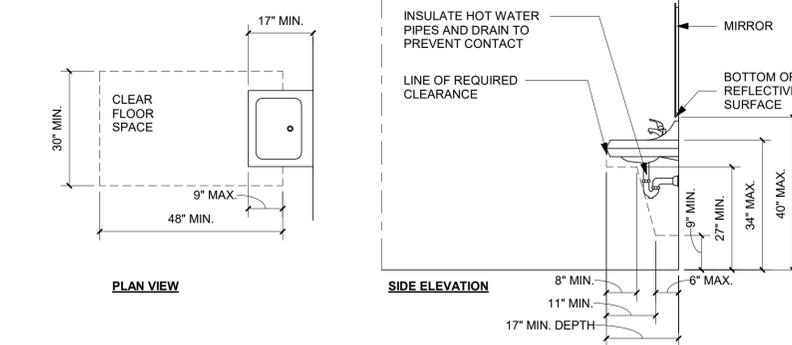
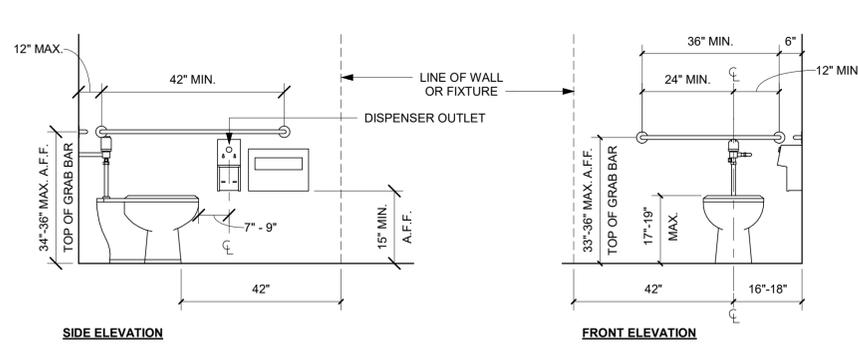
SHEET TITLE:
ACCESSIBILITY GUIDELINES
SCALE: AS SHOWN

SHEET NUMBER:
G004

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GENERAL NOTES

- A. SECTION REFERENCES INDICATED ON THIS SHEET ARE FOR 2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION.
- B. PLUMBING FITTINGS SHOW FOR REFERENCE. REFER TO I104 FOR RESTROOMS PLANS AND ELEVATIONS.



2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION.
604 WATER CLOSETS AND TOILET COMPARTMENTS



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PERMIT SET - FOR CONSTRUCTION USE

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PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
ACCESSIBILITY GUIDELINES
SCALE: AS SHOWN

SHEET NUMBER:
G004.1



CAFE TOWARDS ENGINE



CAFE TOWARDS SECONDARY ENTRANCE



ENGINE FROM MAIN ENTRANCE



CAFE FROM MAIN ENTRANCE



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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
PERSPECTIVE VIEWS

SCALE: AS SHOWN

SHEET NUMBER:
G005

PERMIT SET - FOR CONSTRUCTION USE

INTERIOR WALL SCHEDULE			
TAG	DESCRIPTION	INSULATION	NOTES
2-T-N	3/8" 20 GA STUDS @ 16" O.C. FURRING WALL	NONE	TERMINATE 6" ABOVE CEILING. SEE PLAN FOR WALL SHEATHING.
3-F-A	3/8" 20 GA STUDS @ 16" O.C.	ACOUSTIC	FULL HT. WALL. SEE PLAN FOR WALL SHEATHING.
3-F-N	3/8" 20 GA STUDS @ 16" O.C.	NONE	FULL HT. WALL. SEE PLAN FOR WALL SHEATHING.
3-P-N	3/8" 16 GA STUDS @ 16" O.C.	NONE	PARTIAL HT. WALL W/ RCKW RIGID CONNECTORS AT FLOOR. SEE ELEVATIONS FOR WALL HT. SEE PLAN FOR WALL SHEATHING.

INTERIOR WALL SCHEDULE			
TAG	DESCRIPTION	INSULATION	NOTES
3-T-A	3/8" 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	3/8" 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-F-A	6" 20 GA STUDS @ 16" O.C.	ACOUSTIC	FULL HT. WALL. 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.

KEYED NOTES

- EXISTING STOREFRONT DOOR. GC TO ENSURE PROPER WORKING ORDER AND REPAIR AS NECESSARY. REPLACE HARDWARE AS SHOWN IN MAIN ENTRANCE.
- EXISTING STOREFRONT WINDOW SYSTEM. GC TO PROTECT DURING CONSTRUCTION. CLEAN TO "LIKE NEW" CONDITION AND REPAIR AS NECESSARY.
- EXISTING SERVICE DOOR. GC TO ENSURE PROPER WORKING ORDER AND REPAIR AS NECESSARY. REPLACE HARDWARE IF REQUIRED.
- SHelf FOR WATER HEATER ABOVE.
- ELECTRICAL PANEL LOCATIONS. MAINTAIN MINIMUM CLEARANCE AS REQUIRED BY CODE.
- FIRE EXTINGUISHER LOCATION.
- INSTALL NEW DOORS AS INDICATED. SEE SHEET A-601 FOR DOOR AND HARDWARE TYPE.
- OUTLINE OF HEADER ABOVE.
- OUTLINE OF BAR PER CASEWORK MANUFACTURER. FOR THE BACK BAR, PROVIDE 3/4" BLOCKING TO 34" AFF FOR ALL WALL BRACKETS TO SUPPORT CASEWORK LEGS.
- BANQUETTES WITH POWER. REFER TO DETAIL.
- NEW CONCRETE FILL SLAB TO LEVEL FLOOR AS REQUIRED FOR INSTALLATION. TO BE ALIGNED WITH EXISTING FLOOR FINISH. IF APPLICABLE. REFER TO STRUCTURAL FOR CONNECTION OF NEW SLAB TO EXISTING.
- RECESSED WALK OFF MATT. CAST-IN RECESSES AS REQUIRED. REFER TO FLOOR FINISH PLAN.
- INSTALL NEW RAILING AS INDICATED. TO MATCH EXISTING FINISH AND DESIGN. GC TO COORDINATE WITH LL INSTALLATION AND DESIGN SUPPLIED.
- INSTALL NEW FENCE AS INDICATED. TO MATCH EXISTING DESIGN. REFINISH EXISTING FENCE AS SCHEDULE. REFER TO I102.
- PATCH AND REPAIR WALL AFTER ELECTRICAL / PLUMBING WALL MODIFICATIONS.

GENERAL NOTES

- 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.
- GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING, OR EQUIVALENT TO SUPPORT ANY WALL ATTACHMENT AND/OR SIGNAGE.
- 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.
- ALL DIMENSIONS ARE TO FINISHED FACE UNLESS SHOWN OR NOTED OTHERWISE.
- INSTALL MOISTURE RESISTANT GREEN BOARD ON BACKBAR WALL PER PROJECT MANUAL.
- ALL DOORS SHALL BE 32" (815MM) MINIMUM CLEAR OPENING WHEN OPENED TO 90 DEGREE POSITION UNLESS OTHERWISE NOTED.
- SEE SHEET A601 FOR EXTERIOR DOOR AND WINDOW SCHEDULES.
- STARBUCKS VENDOR TO PROVIDE DOOR HARDWARE COMPONENTS AND GC TO INSTALL.
- VERIFY ALL EXISTING DOORS, HARDWARE AND FRAMES MEET STARBUCKS AND/OR CODE REQUIREMENTS.
- PROVIDE FIRE EXTINGUISHERS AS NOTED ON THE APPROVED PLANS FROM THE CITY.
- SEE STRUCTURAL FOR KNEE WALL BRACING.
- SEE SHEET A501 FOR BUILDING DETAILS.
- REFER TO SHEET I104 FOR FLOOR FINISHES.

WALL BLOCKING KEY

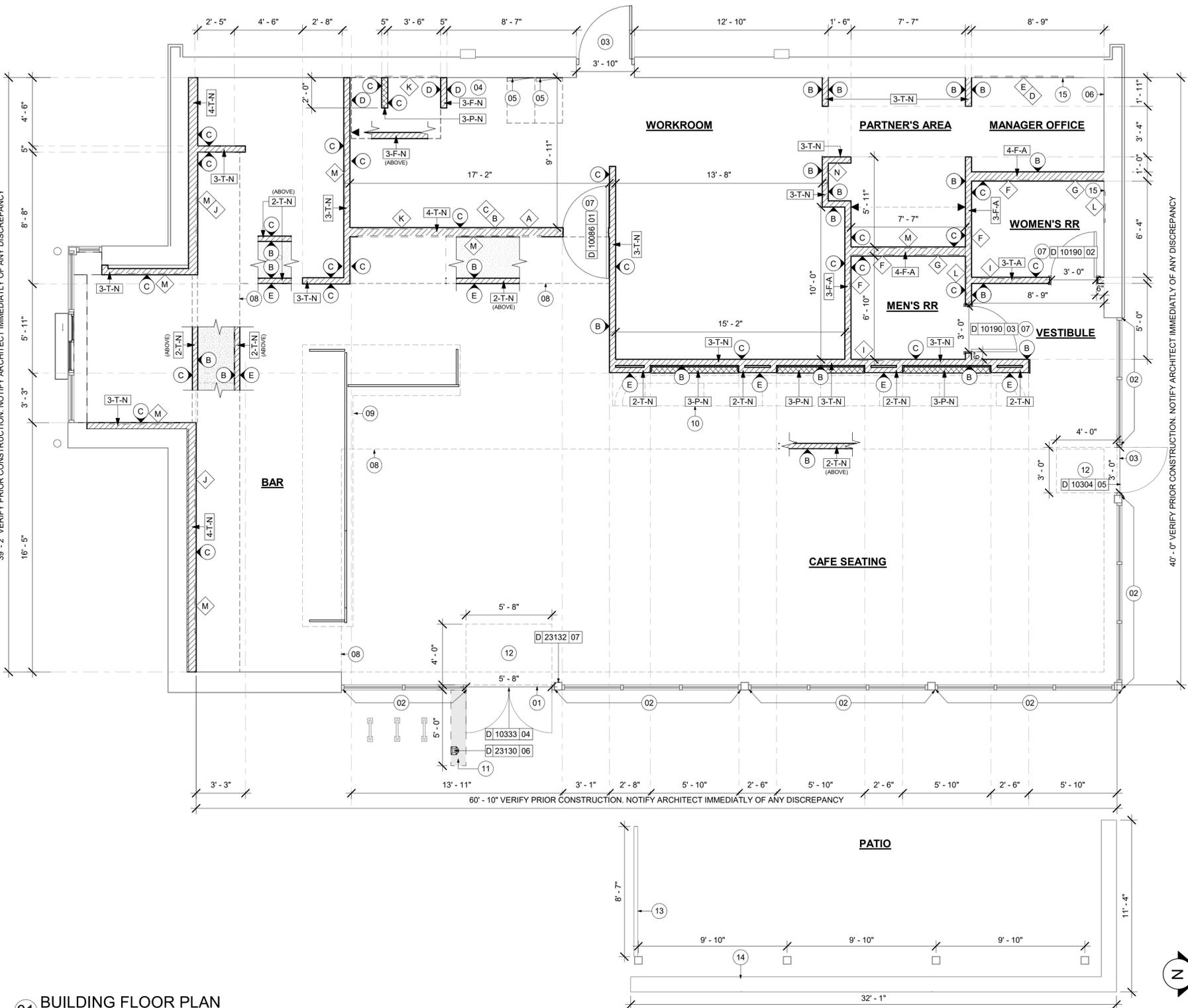
SYMBOL	ITEM	WEIGHT	HEIGHT A.F.F.	APPROX. WIDTH
A	WORKROOM HAND SINK	128 LBS (58 KG)	36" TO 40" (915MM TO 1015MM)	30" (760MM) BEHIND SINK
B	SHELVES ABOVE COMPARTMENT SINK	200 LBS (91 KG)	48" TO 76" (1220MM TO 1930MM)	96" (2440MM) CENTERED ABOVE COMPARTMENT SINK
C	UPPER WIRE SHELVES	BLOCKING SPECIFICATION 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	RESTROOM GRAB BARS	200 LBS (91 KG)	30" TO 36" (760MM TO 915MM)	60" (1525MM) AROUND WATER CLOSET
G	RESTROOM HAND SINK	200 LBS (91 KG)	COMMERCIAL INSTALLATION REQUIRES CONCEALED ARM CARRIER. REFER TO MFR'S SPECIFICATION.	
H	MILLWORK BOXES	BLOCKING SPECIFICATION FOR FRENCH CLEATING SYSTEM. REFER TO DETAILS.		
I	DIAPER CHANGING STATION	250 LBS (113 KG)	40 1/2" TO 46 1/2" (1030MM TO 1180MM)	32" (810MM) BEHIND STATION
J	UPPER CBE & SIREN SYSTEM SHELVING	BLOCKING SPECIFICATION FOR UPPER SHELVES REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
K	WATER FILTRATION SYSTEM	COORDINATE LOCATION AND EXTENT WITH PENTAIR		
L	RESTROOM HAND DRYER	200 LBS (91 KG)	36" TO 48" (915MM TO 1219MM)	24" STARTING 18" FROM WALL CORNER / SEE PLAN
M	ADAPTABLE CASEWORK	BLOCKING SPECIFICATION FOR ADAPTABLE CASEWORK. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
N	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.	

GENERAL LEGEND

- NEW FULL HEIGHT WALL
- NEW LIGHT GAUGE WALL
- NEW PARTIAL HEIGHT WALL
- EXISTING WALL
- NEW CONCRETE FILL SLAB
- WALL BLOCKING CALL-OUT
- WALL SHEATHING CALL-OUT
- DOOR TAG
- INTERIOR WALL TAG

WALL SHEATHING KEY

SYMBOL	DESCRIPTION
	INDICATES SHEATHING TRANSITION
	5/8" GYP. WALL BOARD (FULL WALL HEIGHT)
	5/8" GYP. WALL BOARD (TERMINATE AT 6" (150MM) ABOVE CEILING)
	5/8" CEMENTITIOUS BACKER BOARD (TERMINATE AT 6" (150MM) ABOVE CEILING)
	5/8" CEMENTITIOUS BACKER BOARD (TERMINATE AT FINISH TRANSITION AS SHOWN ON INTERIOR ELEVATION W/ 5/8" GYP. WALL BOARD ABOVE (FULL WALL HEIGHT)).
	5/8" PLYWOOD (TERMINATE AT 6" (150MM) ABOVE CEILING)
	5/8" GYP. WALL BOARD (FULL WALL HEIGHT)



01 BUILDING FLOOR PLAN
Scale: 1/4" = 1'-0"

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PROJECT NAME:
ALOMA AVE & TUSKAWILLA RD
PROJECT ADDRESS:
3645 ALOMA AVENUE OVIEDO, FL 32765

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

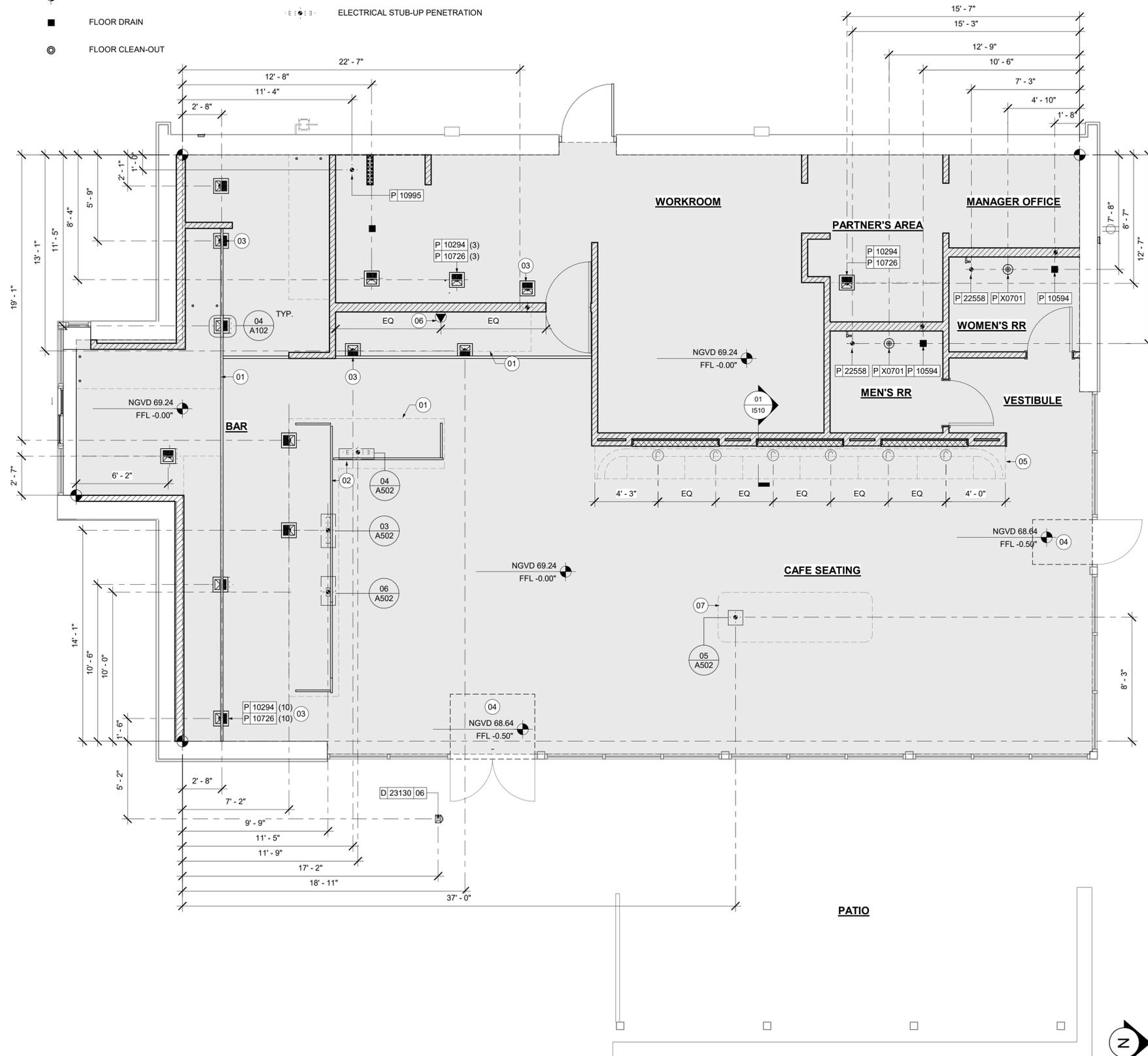
SHEET TITLE:
BUILDING FLOOR PLAN

SCALE: AS SHOWN

SHEET NUMBER:
A101

LEGEND

- EXISTING WALL
- EXISTING CONCRETE LEAVE-OUT, GC TO ADD CONCRETE SLAB ON GRADE AFTER INSTALLATIONS, AS PER STRUCTURAL DRAWINGS.
- DATUM POINT
- FLOOR DRAIN
- FLOOR CLEAN-OUT
- FLOOR SINK
- WASTE LINE PENETRATION
- PLUMBING STUB-UP PENETRATION
- ELECTRICAL STUB-UP PENETRATION
- DATA OUTLET



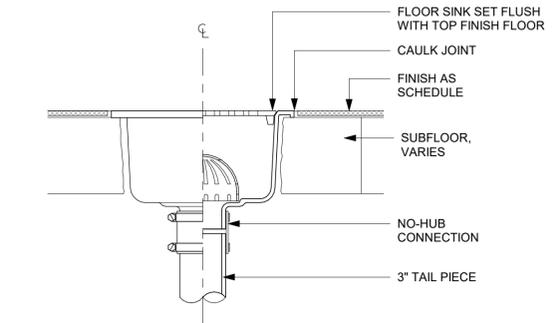
01 FLOOR PENETRATION PLAN
Scale: 1/4" = 1'-0"

KEYED NOTES

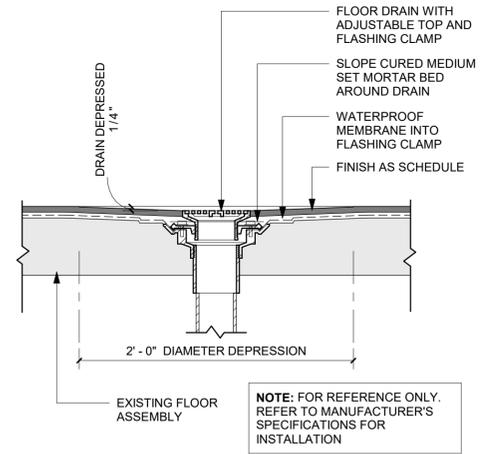
- 01 OUTLINE OF ENGINE FOR REFERENCE.
- 02 PROPOSED LOCATION OF CASEWORK DIEWALL. GC TO COORDINATE WITH CASEWORK VENDOR FOR LOCATION ON SITE.
- 03 HAND SINK LOCATION.
- 04 DEPRESSED SLAB FOR RECESSED WALK-OFF MAT.
- 05 BANQUETTES WITH POWER. FLOOR ELECTRICAL OUTLET CENTER ON EACH SECTION. SEE ELECTRICAL SHEETS. REFER TO DETAIL.
- 06 LOCATION OF POWER AND DATA OUTLETS BEHIND MENU BOARDS. CENTER OUTLETS BEHIND MENU BOARDS. REFER TO DETAIL 2/1-509 FOR MORE INFORMATION.
- 07 COMMUNITY TABLE WITH POWER. REFER TO DETAIL AT A501.

GENERAL NOTES

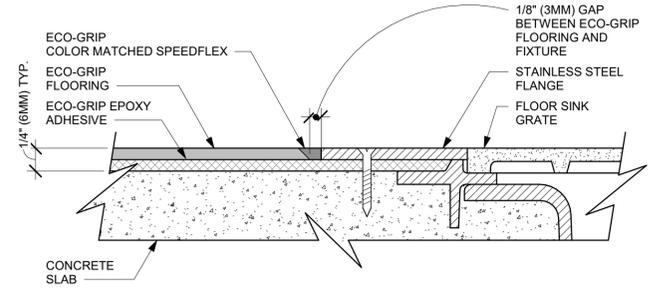
- A. ALL STUB-UP DIMENSIONS ARE RELATIVE TO FINISHED WALL LOCATIONS (SHOWN AS OUTLINES ON THIS PLAN). REFER TO FLOOR PLAN FOR WALL PLACEMENT.
- B. FLOOR SINK: REFER TO CUT SHEETS FOR COMPONENT SPECIFICATIONS AND CUTOUT REQUIREMENTS.
- C. WASTE LINE PENETRATIONS: REFER TO PLUMBING PLANS FOR INDIVIDUAL 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 I101 FOR FLOOR FINISHES.



02 FLOOR SINK SECTION
Scale: 3" = 1'-0"



03 FLOOR DRAIN SECTION
Scale: 1 1/2" = 1'-0"



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



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PROJECT NAME:
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OVIEDO, FL 32765**

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
BUILDING FLOOR PENETRATION PLAN
SCALE: AS SHOWN

SHEET NUMBER:
A102



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Revision Schedule

Rev	Date	By	Description

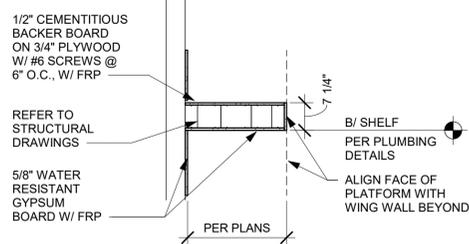
SHEET TITLE:
WALL FRAMING DETAILS

SCALE: AS SHOWN

SHEET NUMBER:

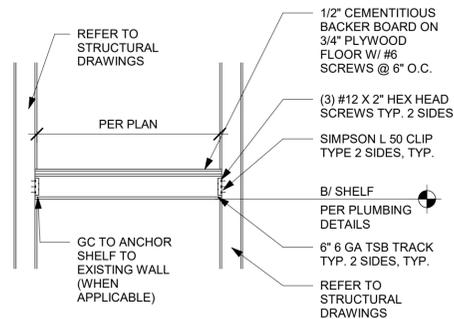
A501

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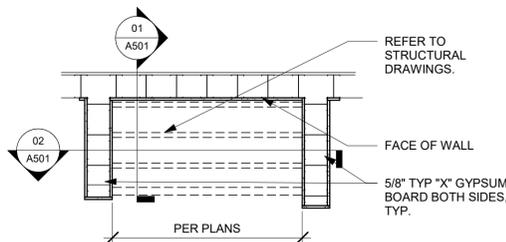
01 WATER HEATER SHELF - SECTION

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



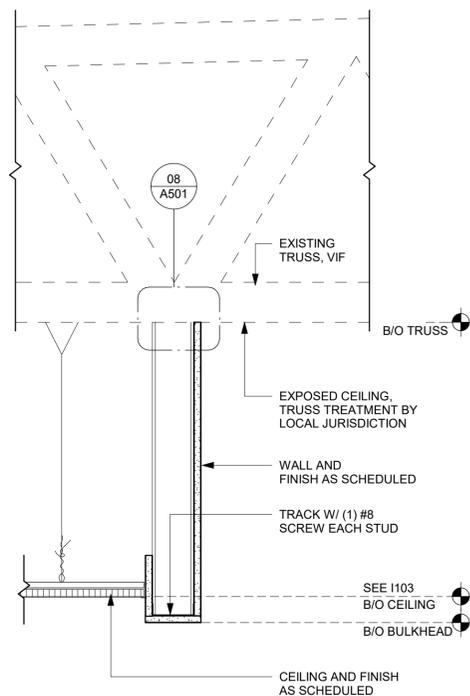
02 WATER HEATER SHELF

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



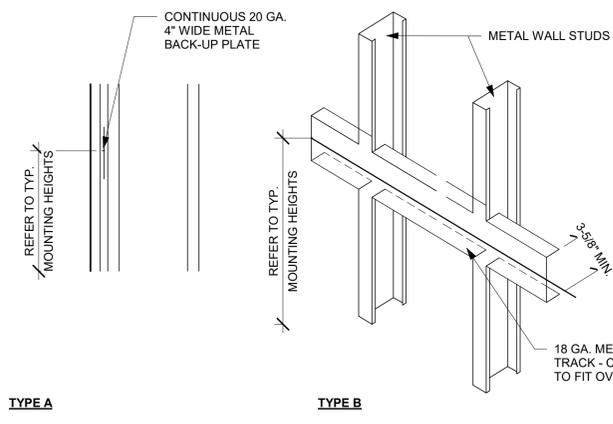
03 WATER HEATER SHELF - PLAN

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



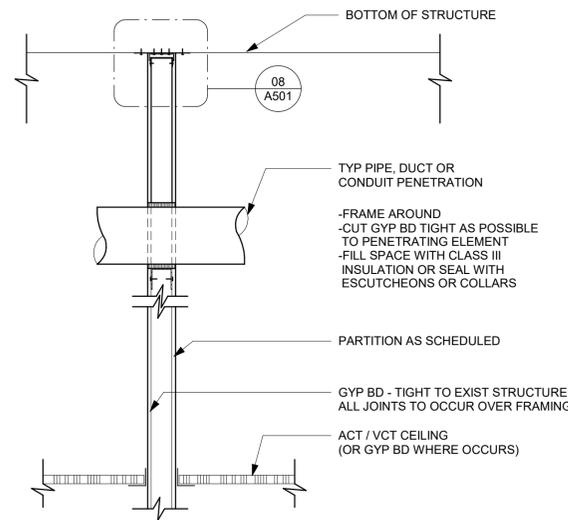
04 HEADER AT WATER HEATER

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



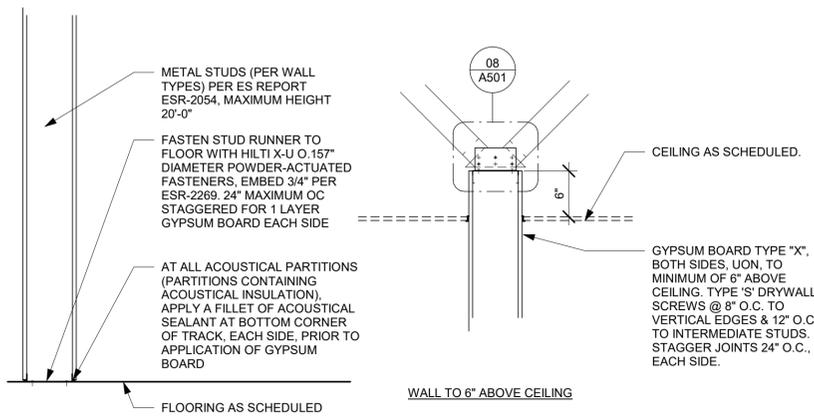
05 BLOCKING DETAIL

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



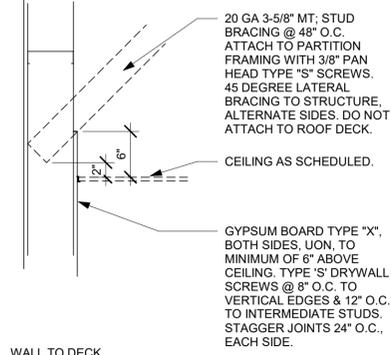
06 PIPE PENETRATION DETAIL

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



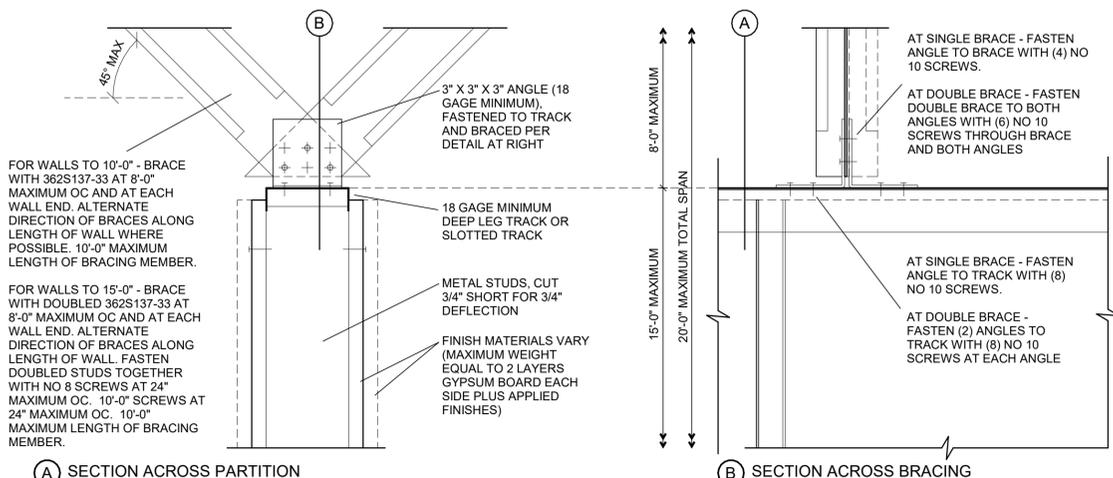
07 NEW PARTITION WALL SECTION

Scale: 1" = 1'-0"



08 TOP OF PARTITION WHERE BRACED TO STRUCTURE ABOVE - SEISMIC

Scale: 3" = 1'-0"

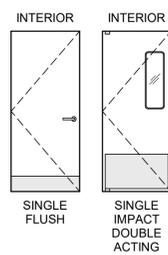


A SECTION ACROSS PARTITION

B SECTION ACROSS BRACING

DOOR SCHEDULE - "D"								
DESIGN ID	MARK	DESCRIPTION	WIDTH	HEIGHT	HARDWARE SET	FURN BY	INST BY	COMMENTS
10190	02	DOOR - SINGLE FLUSH - 36IN	3'-0"	7'-0"	7	SB	GC	DOOR PANEL TO MATCH WOOD. (WD0035_ DOOR FRAME: POWERCOATED TO MATCH SW7032 WARM STONE
10190	03	DOOR - SINGLE FLUSH - 36IN	3'-0"	7'-0"	7	SB	GC	DOOR PANEL TO MATCH WOOD. (WD0035_ DOOR FRAME: POWERCOATED TO MATCH SW7032 WARM STONE
10086	01	DOOR - SINGLE IMPACT DOUBLE ACTING - 36IN	3'-0"	7'-0"	11	SB	GC	HM, U, NR HM4, DOOR TYPE B. FINISHES: DOOR PANEL: PLASTIC LAMINATE PL0019. FRAME: MT0028

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.
- F. FOR ALL NEW HARDWARE IN EXISTING DOORS, GC WILL BE RESPONSIBLE TO REPAIR THE AREA, INSTALL IT, AND COORDINATE WITH LANDLORD.



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STARBUCKS TEMPLATE VERSION: i2023.04.24

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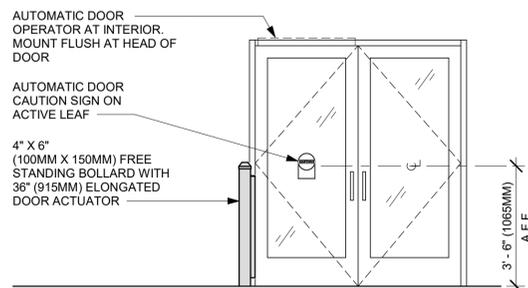
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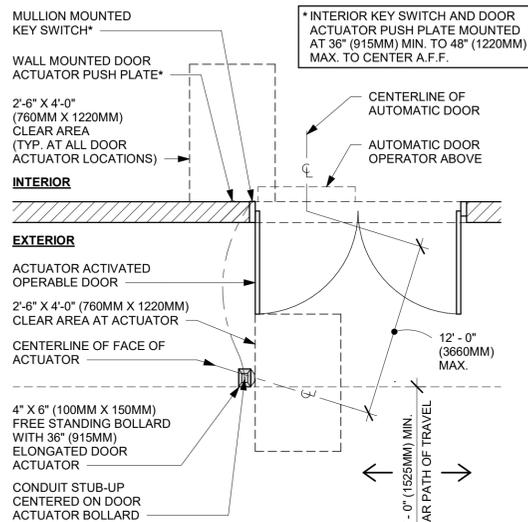
Revision Schedule			
Rev	Date	By	Description

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

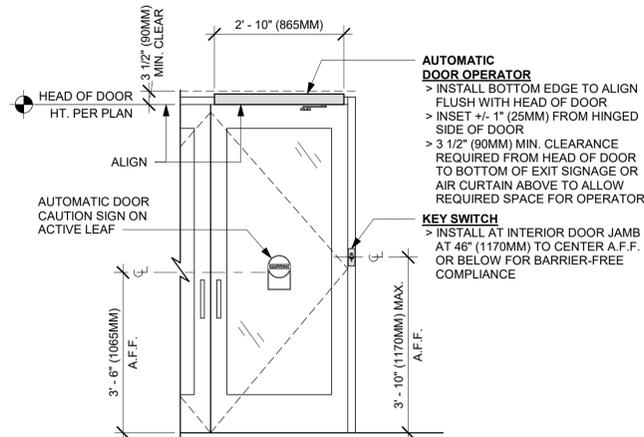
SHEET NUMBER:
A601



EXTERIOR ELEVATION



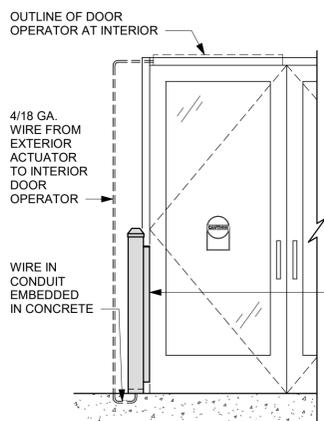
PLAN VIEW



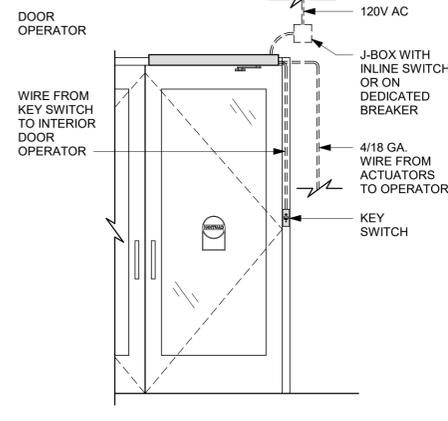
INTERIOR ELEVATION

02 ENTRY/EXIT DOOR ACTUATION - KEY SWITCH AND OPERATOR

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



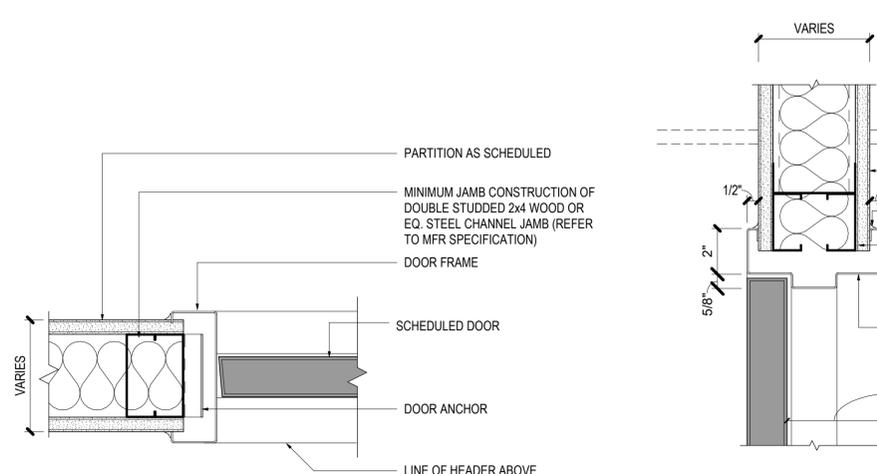
EXTERIOR ELEVATION



INTERIOR ELEVATION

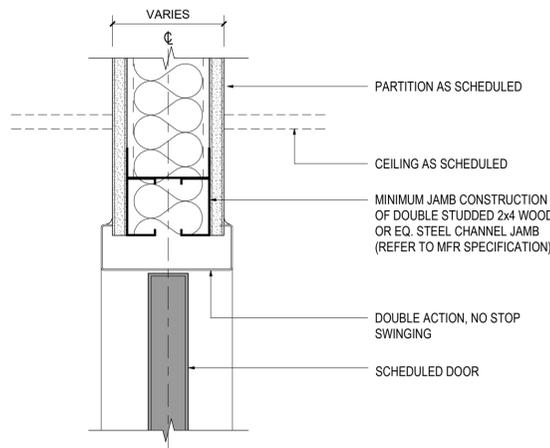
03 ENTRY/EXIT DOOR ACTUATION - ELECTRICAL WIRING DIAGRAM

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



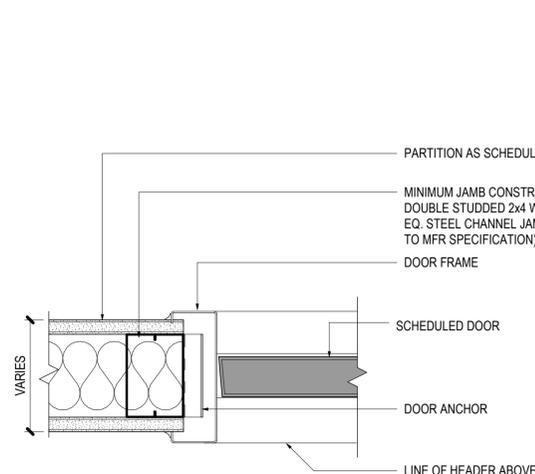
04 DOUBLE ACTION DOOR - FRAME HEAD

Scale: 3" = 1'-0"



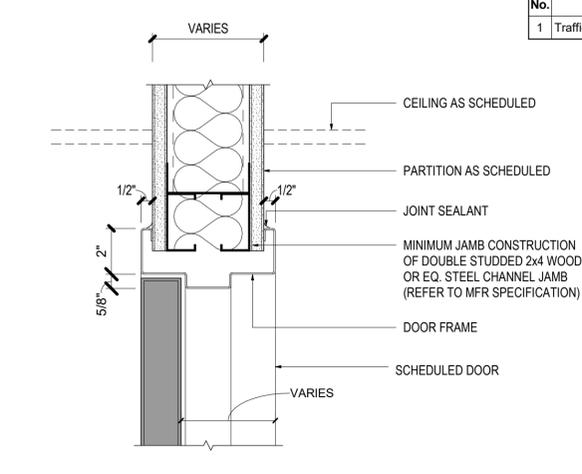
05 DOUBLE ACTION DOOR - FRAME JAMB

Scale: 3" = 1'-0"



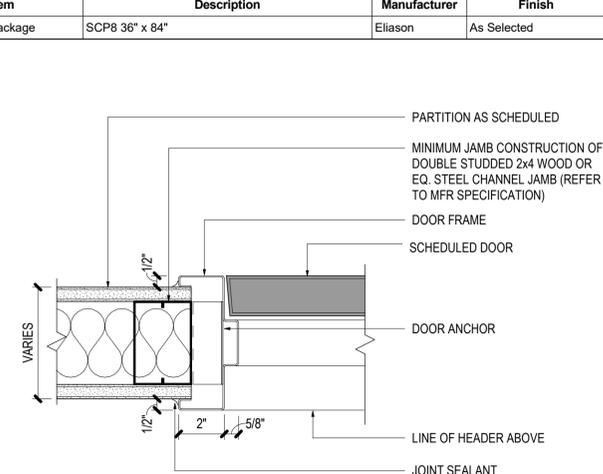
06 SINGLE FLUSH DOOR - FRAME HEAD

Scale: 3" = 1'-0"



07 SINGLE FLUSH DOOR - FRAME JAMB

Scale: 3" = 1'-0"



BARRIER FREE EXTERIOR DOOR HARDWARE SCHEDULE - "D"						
DESIGN ID	COUNT	MARK	DESCRIPTION	FURN BY	INST BY	COMMENTS
23130	1	06	DOOR - BARRIER FREE HARDWARE ACTUATOR BOLLARD	SB	GC	GC TO COORD. INSTALL & CABLING WITH SB VENDOR. GC ORDER FROM LOCKNET - SBUXTEAM@LOCKNET.COM.
23132	1	07	DOOR - BARRIER FREE HARDWARE ACTUATOR MULLION MOUNT - BLACK	SB	GC	GC TO COORD. W/ SB VENDOR.
23129	1	08	DOOR - BARRIER FREE HARDWARE KEY SWITCH	SB	GC	GC TO COORD. INSTALL & CABLING WITH SB VENDOR. GC ORDER FROM LOCKNET - SBUXTEAM@LOCKNET.COM.
23135	1	09	DOOR - BARRIER FREE HARDWARE OPERATOR - BLACK	SB	GC	GC TO COORD. W/ SB VENDOR.

DOOR HARDWARE SET NO. 7 - For restroom door with lever and keyed lock				
No.	Item	Description	Manufacturer	Finish
3	Hanging Devices	TA2714/MPB79 Hinge MacPro Bearing 5 x 4.5	McKinney	626
1	Securing Devices	B-PB5405LNIC Lever Storeroom LC B-PB5405LN-693-497 1-3/4	Yale Lock	626
1	Securing Devices	C607 7-Pin Core Combined "A" Keyway	Falcon Lock	626
1	Closing Devices	8916 Door Closer 8916 AF89P	Dorma	689
2	Protective Trim Units	K1050 B4E Kickplate 8" x 34" each site 32D	Rockwood	630
3	Accessories	GJ64 Rubber Silencer	Glynn Johnson	Gray
1	Stops and Holders	473 Door Stop w/ Hook 26D	Rockwood	626

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



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STARBUCKS TEMPLATE VERSION: i2023.01.30

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PROJECT NAME:
ALOMA AVE & TUSKAWILLA RD

PROJECT ADDRESS:
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OVIEDO, FL 32765**

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
FF & E PLAN

SCALE: AS SHOWN

SHEET NUMBER:

1101

PERMIT SET - FOR CONSTRUCTION USE

KEYED NOTES

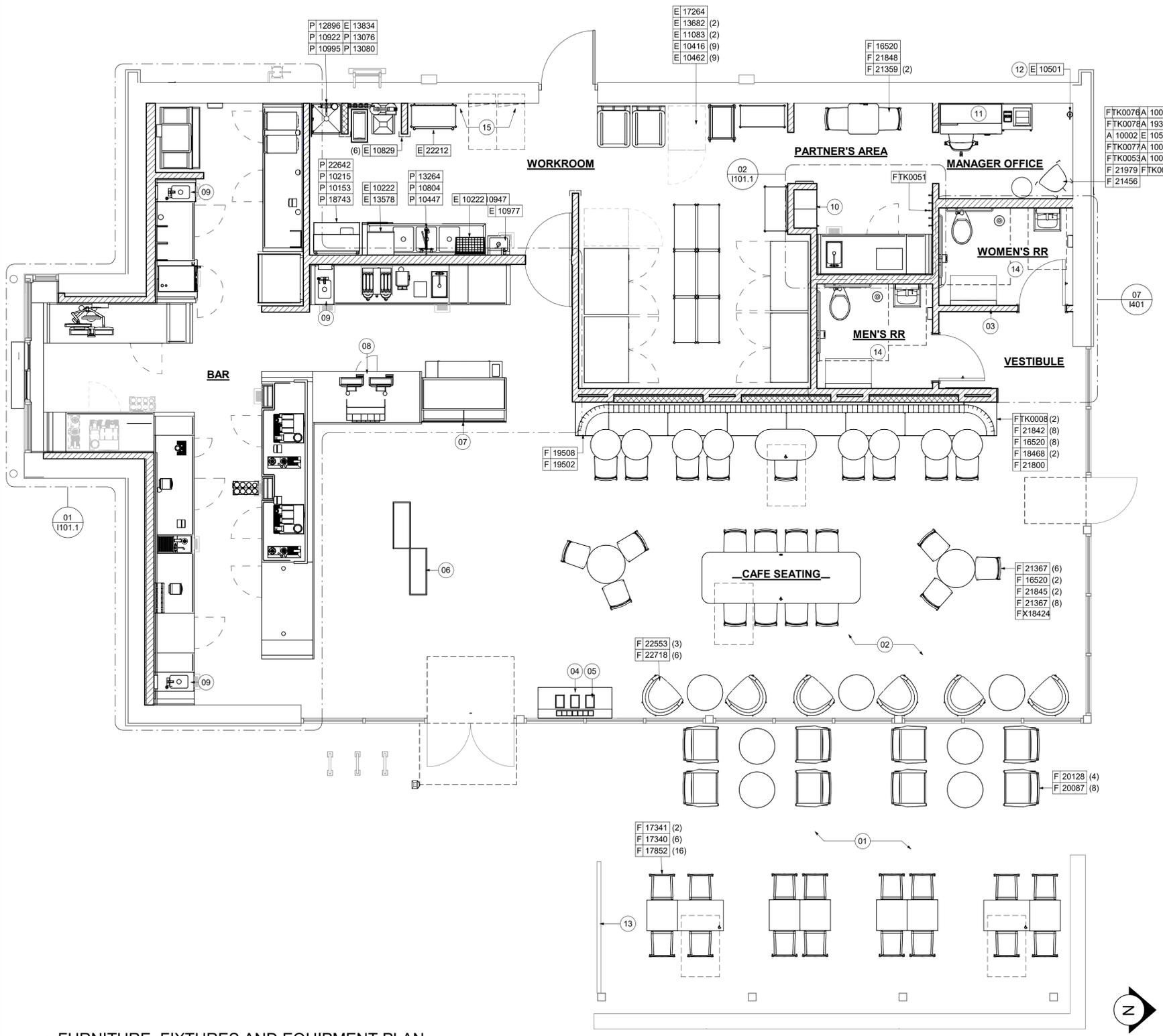
- INSTALL EXTERIOR FURNITURE THROUGHOUT AS SHOWN. REFER TO FURNITURE SCHEDULE FOR ADDITIONAL INFORMATION.
- INSTALL INTERIOR CAFE FURNITURE THROUGHOUT AS SHOWN. REFER TO FURNITURE SCHEDULE FOR ADDITIONAL INFORMATION.
- COMMUNITY BOARD. SEE INTERIOR FINISH ELEVATIONS.
- CONDIMENT CART. SEE INTERIOR FINISH ELEVATIONS. DO NOT CAULK TRASH RINGS TO COUNTERTOP.
- MERCHANDISE DISPLAY. SEE DETAILS I509 FOR MORE INFORMATION.
- DO NOT BLOCK FOOD CASE INTAKE/EXHAUST.
- SAFE LOCATED AT POS CABINET. SEE ELECTRICAL FOR ADDITIONAL INFORMATION.
- HAND SINK W/ INTEGRAL SPLASH GUARD.
- SECURE LOCKERS TO WALL.
- MANAGERS DESK. SEE MANAGER'S DESK / EQUIPMENT RACK ELECTRICAL DETAIL FOR ADDITIONAL INFORMATION.
- PLACE FIRE EXTINGUISHER IN WORKROOM PER FIRE INSPECTOR.
- NEW PATIO RAILING. SEE A101 FOR MORE INFORMATION.
- REFER TO ENLARGED RESTROOM PLANS AND ELEVATIONS (SHEET I-401) FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
- ELECTRICAL PANEL LOCATIONS. MAINTAIN MINIMUM CLEARANCE AS REQUIRED BY CODE.

NOTE: REFER SHEET I601 & I602 FOR DATA DEVICE, FURNITURE, GRAPHICS, PLUMBING FIXTURE, SPECIALTY EQUIPMENT, AND MECHANICAL EQUIPMENT SCHEDULE.

GENERAL NOTES

- 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.
- THE SITE IS SERVED BY THE MUNICIPAL WATER AND SEWER SYSTEM UNLESS OTHERWISE NOTED.
- ALL FOOD STORAGE SHALL BE 6" (150mm) A.F.F.
- ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETS) SHALL BE SEALED.
- ALL EQUIPMENT AND INSTALLATION WILL MEET NATIONAL SANITATION FOUNDATION STANDARDS OR EQUIVALENT.
- ALL EQUIPMENT AND CABINETS WILL BE FLUSH MOUNTED TO COUNTERS, WALLS OR FLOORS, OR BE RAISED TO ALLOW FOR CLEANING.
- CONFIRM ALL NECESSARY EQUIPMENT CLEARANCES PER PRODUCT CUT SHEET (E.G. ICE MACHINE).
- FOR LOCATION OF COUNTERTOP EQUIPMENT, REFER TO CASEWORK ELECTRICAL DETAILS.
- EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS OR OVERHANGING EDGES THAT SERVE AS PLACES FOR ACCUMULATION OF DUST, DIRT AND DEBRIS.
- WARMING OVEN(S) SHOWN FOR PERMITTING PURPOSES. INSTALLATION AT STORE OPENING TO BE VERIFIED BY STARBUCKS CONSTRUCTION REPRESENTATIVE.
- 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.
- FOR PLUMBING FIXTURES, REFER TO THE PLUMBING DESIGN PLAN. FOR DATA DEVICE SCHEDULE, REFER TO THE ELECTRICAL DESIGN PLAN.
- SEE ELEVATIONS FOR DISTRIBUTION OF CUP DISPENSERS.
- PROVIDE FIRE EXTINGUISHERS AS NOTED ON THE APPROVED PLANS FROM THE LOCAL JURISDICTION.

FURNITURE SCHEDULE - "F"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
BANQUETTE					
19502	1	BANQUETTE - CLOSTER BASE - WHITE OAK WD0073	SB	GC	
19508	1	BANQUETTE - CLOSTER CUSHION VERTICAL STITCH - CAMEL BROWN NATURAL F0008	SB	GC	
TK0008	2	BANQUETTE - CLOSTER INSIDE CORNER CURVED	SB	GC	WHITE OAK WOOD AND CAMEL LEATHER
CHAIR					
17852	16	CHAIR - CAFE PYRAMID - BLACK AND BROWN ROPE MT0028 F0194	SB	GC	
20087	8	CHAIR - LOUNGE PYRAMID - BLACK AND BROWN ROPE MT0028 F0194	SB	GC	
21359	2	CHAIR - CAFE PEGGY - WHITE OAK WD0073	SB	GC	
21367	23	CHAIR - CAFE PEGGY UPHOLSTERED - WHITE OAK AND CAMEL BROWN NATURAL WD0073 F0008	SB	GC	
21456	1	CHAIR - CAFE ASHER UPHOLSTERED BACK - WHITE OAK AND CAMEL BROWN NATURAL WD0073 F0008	SB	GC	
22718	6	CHAIR - LOUNGE MOON - BLACK AND CAMEL BROWN NATURAL MT0028 F0008	SB	GC	
TK0077	1	CHAIR - MANAGERS WORKSTATION	SB	GC	STEELCASE SERIES ONE ARMLESS
DESK					
TK0053	1	DESK - MANAGERS WORKSTATION SHELVES - 48IN 1220MM	SB	GC	
TK0076	1	DESK - MANAGERS WORKSTATION - 48X24X27IN 1220X610X685MM	SB	GC	
MIRROR					
14350	2	MIRROR - RESTROOM ANGLED - 18X36IN 455X915MM	SB	GC	
TK0050	1	MIRROR - BOH	SB	GC	
OTHER					
10756	2	COAT HOOK 1 PRONG SQUARE - 2IN 50MM - SST	SB	GC	
20671	2	CEILING FAN - BIG ASS FANS HAIKU - BLACK	SB	GC	
22486	18	ROLLER SHADE - DARK BROWN - 5PC OPEN	SB	GC	
TK0051	1	COAT HOOK STRIP - 30IN 760MM	SB	GC	BLACK FINISH
X0500 - X0503	3	SBXART_WALL MURAL	SB	GC	SEE INTERIOR ELEVATIONS AND SHEET I508
SIGNAGE - OTHER					
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC	
23376	1	SIGN - PICK UP SINGLE SIDED ILLUM INTERIOR SUSPENDED FIXED	SB	GC	
STORAGE					
TK0078	1	FILE MOBILE PEDESTAL WITH CUSHION AND LOCK	SB	GC	
TK0079	1	MANAGERS DESK CART - 24X20IN 610X510MM	SB	GC	
TABLE					
16520	12	TABLE - BASE CAFE HEIGHT DOME ACCENT - 20IN 510MM - HOT ROLLED STEEL MT0011	SB	GC	
17340	6	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	
18468	2	TABLE - BASE CAFE T LEG - HOT ROLLED STEEL MT0011	SB	GC	
20128	4	TABLE - OCCASIONAL COFFEE CAMERON - FLAT BLACK MT0028	SB	GC	
21800	1	TABLE - TOP ACCESSIBLE ROUND EDGE OBLONG - 48X24IN 1220X610MM - WHITE OAK WD0073	SB	GC	
21842	8	TABLE - TOP ROUND EDGE ROUND - 24IN 610MM - WHITE OAK WD0073	SB	GC	
21845	2	TABLE - TOP ROUND EDGE ROUND - 30IN 760MM - WHITE OAK WD0073	SB	GC	
21848	1	TABLE - TOP ROUND EDGE SQUARE - 24IN 610MM - WHITE OAK WD0073	SB	GC	
21979	1	TABLE - OCCASIONAL SIDE WING - WHITE OAK WD0073	SB	GC	
22553	3	TABLE - OCCASIONAL COFFEE WING - WHITE OAK WD0073	SB	GC	
X18424	1	TABLE - COMMUNITY CAFE HEIGHT ANGLE BASE - 10 SEAT WIDE - WITH POWER WHITE OAK WD0073	SB	GC	CORNER RADIUS 4 INCHES.



01 FURNITURE, FIXTURES AND EQUIPMENT PLAN

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

SPECIALTY EQUIPMENT SCHEDULE - "E"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COOLING					
10267	8	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	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	
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					
10808	1	GRINDER DITTING KR1203	SB	GC	
12508	2	BLENDER QUIET MODEL ON COUNTER	SB	GC	

SPECIALTY EQUIPMENT SCHEDULE - "E"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
12508	2	BLENDER QUIET MODEL ON COUNTER - BACK-UP	SB	GC	TO BE STORED IN BACK OF HOUSE UNLESS NEEDED
15186	1	DISHWASHER LXER ADVANSYS	SB	GC	
17564	1	BLENDER PITCHER RINSER WITH SENSOR	SB	GC	
19742	2	ESPRESSO MACHINE MASTRENA II	SB	GC	
20032	2	OVEN EIKON E2S - BLACK	SB	GC	
21679	1	NITROGEN GENERATOR ELEMENT COMPACT	SB	GC	
22885	1	BREWER CLOVER VERTICA DOUBLE	SB	GC	
23381	1	BREWER CLOVER VERTICA CORD	SB	GC	
23419	3	MILK DISPENSER	SB	GC	
23442	1	OVEN COMBI	SB	GC	
23454	1	BOH PARTNER AREA MICROWAVE OVEN - BLACK	SB	GC	
FOOD CASE					
16238	1	FOOD CASE - ZEPHYR - 66IN 1675MM	SB	GC	
23444	1	FOOD CASE - WARMING WALL - 1000 SQUARE	SB	GC	
ICE					
18029	1	ICE - BIN B110	SB	GC	BPF-1 ADAPTER KIT (011076103) REQUIRED WHEN PAIRING WITH 30" (760MM) ICE MACHINES
19278	2	ICE - BIN DROP IN 45LB 20KG HORIZONTAL	SB	GC	
23184	1	ICE - MACHINE HMD1010RBT REMOTE COOLED	SB	GC	
23338	1	ICE - BIN ADAPTOR FOLLETT B110H2H30 PEDESTAL TOP FOR B110	SB	GC	
23421	1	ICE - NUGGET ICE DISPENSER	SB	GC	
23422	1	ICE - NUGGET ICE DISPENSER RIDE	SB	GC	
23423	1	ICE - NUGGET ICE DIVERTER	SB	GC	
23424	1	ICE - NUGGET ICE DIVERTER CONTROL PANEL	SB	GC	
OTHER					
10091	1	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	1	CUP DISPENSER SHORT HOT VERTICAL	SB	GC	
10501	1	FIRE EXTINGUISHER	SB	GC	
10769	2	RESTROOM GRAB BAR VERTICAL - 18IN 455MM	SB	GC	
10791	2	CUP DISPENSER GRANDE VENTI COLD VERTICAL	SB	GC	
10829	6	CORNER GUARD - 1.25IN 30MM - PEWTER	SB	GC	
10855	2	CUP DISPENSER GRANDE VENTI HOT VERTICAL	SB	GC	
10858	1	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	SB	GC	
10992	3	PAPER TOWEL DISPENSER HALF SIZE - TRANSLUCENT GRAY	SB	GC	
11115	6	SOAP DISPENSER SINK MOUNTED	SB	GC	
13330	1	MOBILE CUP DISPENSER CADDY	SB	GC	
13584	1	CUP DISPENSER TRENTA COLD VERTICAL	SB	GC	
20403	6	KEG - 3GAL	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
23420	2	REFRESHER DISPENSE SMALL	SB	GC	
TK0082	1	POWER RECEPTACLE WITH USB AND WIRELESS CHARGING	SB	GC	
STORAGE					
10222	1	WIRE SHELF GRID AT SINK	SB	GC	
10416	9	WORKROOM SHELVING - 36IN 915MM	SB	GC	
10462	9	WORKROOM SHELVING POSTS	SB	GC	
10698	1	MOP RACK WITH 3 HOLDERS	SB	GC	
13578	2	DISHWARE DRYING RACK - 21IN 535MM	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 510X680MM	SB	GC	
21934	1	PASTRY TRAY RACK UNDERCOUNTER - 30IN 760MM	SB	GC	
22212	1	WORKROOM SHELVING CART KIT	SB	GC	
23445	3	PASTRY COOLING RACK WALL MOUNTED	SB	GC	
TK0048	2	5 COMP LOCKER - 15IN 380MM	SB	GC	

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 CABINETS 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.
- NOTE:
REFER SHEET I601 & I602 FOR DATA DEVICE, FURNITURE, GRAPHICS, PLUMBING FIXTURE, SPECIALTY EQUIPMENT, AND MECHANICAL EQUIPMENT SCHEDULE.

KEYED NOTES

- 01 GENERAL CONTRACTOR TO REVERSE DOOR HINGE ON UNDER COUNTER REFRIGERATOR TO LEFT HAND SWING, AS SHOWN.
- 02 DO NOT BLOCK FOOD CASE INTAKE/EXHAUST.
- 03 SAFE LOCATED AT POS CABINET. SEE ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
- 04 HAND SINK W/INTEGRAL SPLASH GUARD.
- 05 INSTALL NITRO EQUIPMENT AS INDICATED.
- 06 LED STRIP LIGHT UNDER COUNTER TOP.
- 07 PLACE IMPULSE FIXTURES PER PLAN. STORE OPERATORS TO ORDER. VIEW DETAIL IN I503.
- 08 SECURE LOCKERS TO WALL.



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PROJECT NAME:
ALOMA AVE & TUSKAWILLA RD

PROJECT ADDRESS:
3645 ALOMA AVENUE OVIEDO, FL 32765

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
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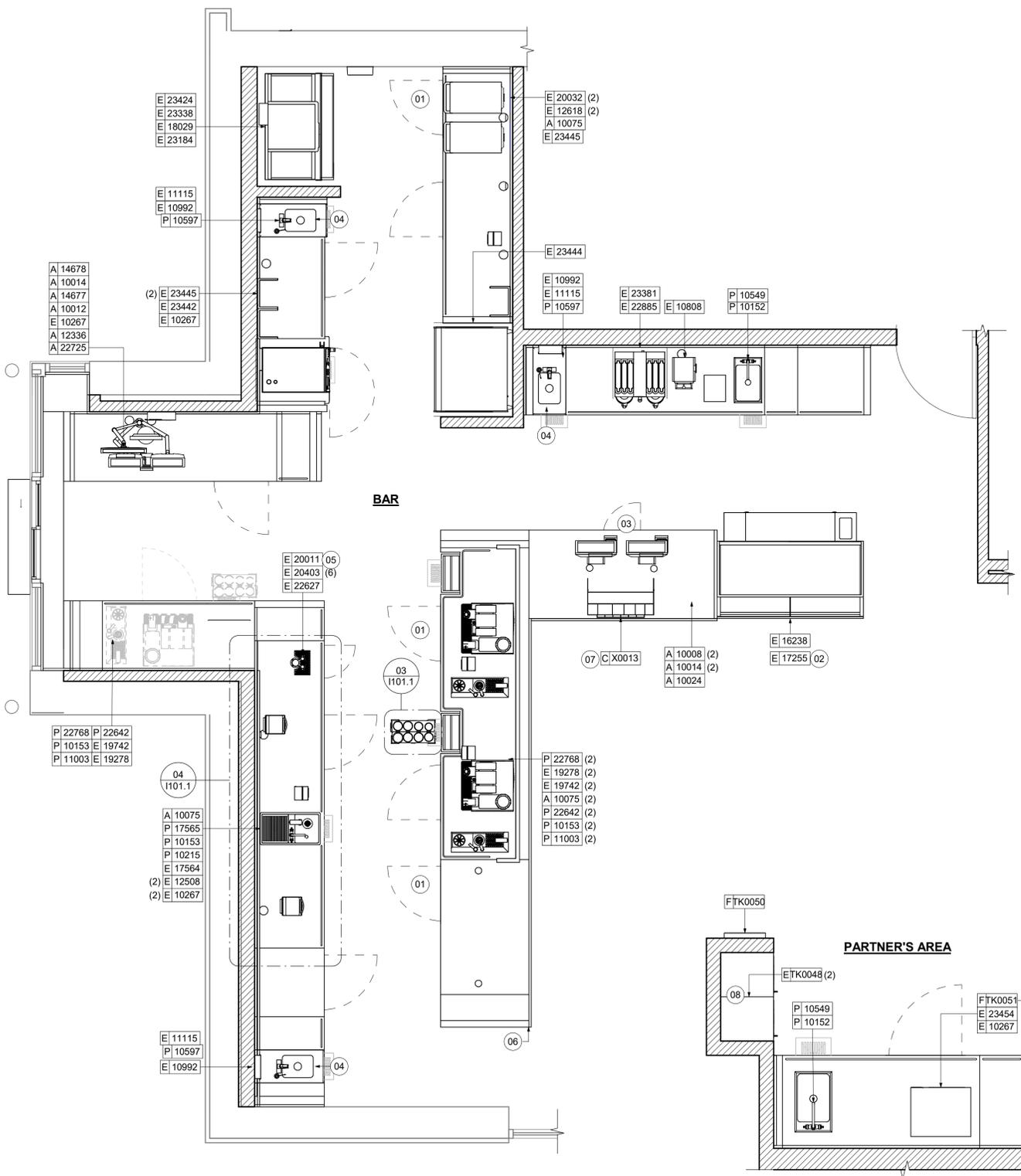
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
ENLARGED FF & E

SCALE: AS SHOWN

SHEET NUMBER:
1101.1

PERMIT SET - FOR CONSTRUCTION USE

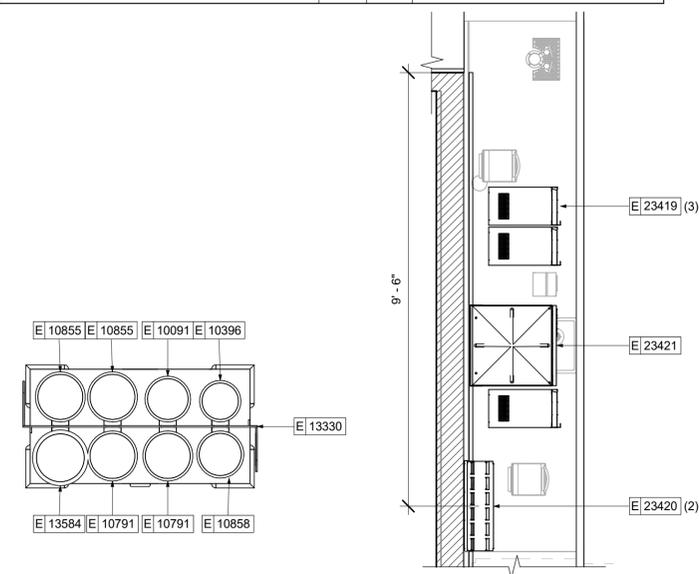


01 FURNITURE, FIXTURES AND EQUIPMENT ENLARGED PLAN
Scale: 3/8" = 1'-0"

02 PARTNERS AREA - ENLARGED FF&E
Scale: 1/2" = 1'-0"

03 ENLARGED CUP CADDY
Scale: 1 1/2" = 1'-0"

04 UPPER CABINETS FF&E
Scale: 1/2" = 1'-0"





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PROJECT ADDRESS:
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OVIEDO, FL 32765**

STORE #: 23308
PROJECT #: 62233-050
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DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
CASEWORK PLAN

SCALE: AS SHOWN

SHEET NUMBER:

1102

PERMIT SET - FOR CONSTRUCTION USE

KEYED NOTES

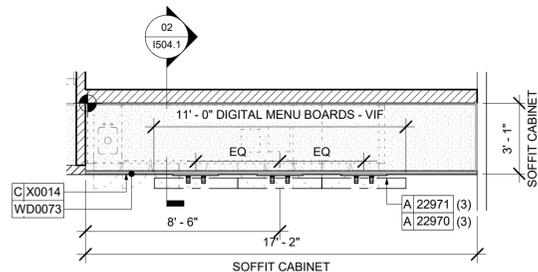
- 01 DO NOT CAULK TRASH RINGS TO COUNTERTOPS.
- 02 INSTALL CONDIMENT CART AS INDICATED.
- 03 WALL FINISH BEHIND EXPOSED CABINETRY AND BELOW UNDERSIDE OF COUNTERTOP SUBSTRATE TO BE WHITE FRP, EXCEPT AT WARMING STATION.
- 04 COMMUNITY TABLE OUTLINE FOR REFERENCE.
- 05 INSTALL DRIVE-THRU POS CUBBY TO ALIGN WITH FINISH FACE OF WALL.
- 06 VARIABLE WIDTH FILLER CABINET / COUNTERTOP REQUIRED TO FILL GAP (FIELD VERIFY DIMENSION). FILLER PANEL AND COUNTERTOP SHALL BE SCRIBED AND FIELD CUT TO FIT.
- 07 FLOOR DRAIN BELOW. CASEWORK MANUFACTURER TO COORDINATE DESIGN TO ENSURE THIS AREA IS READILY ACCESSIBLE FOR CLEANING AND FREE OF COUNTERTOP SUPPORT.
- 08 INSTALL MERCH UNIT AS INDICATED.
- 09 INSTALL METAL TRIM TRANSITION AS INDICATED.
- 10 OUTLINE OF HEADER ABOVE FOR REFERENCE.
- 11 BANQUETTE OUTLINE FOR REFERENCE.
- 12 INSTALL NEW FENCE AS INDICATED. TO MATCH EXISTING DESIGN. REFINISH EXISTING FENCE AS SCHEDULE.
- 13 SIREN SYSTEM EQUIPMENT BELOW. REFERO TO SHEET I501.1 FOR MORE INFORMATION.
- 14 PROVIDE 3/4" BLOCKING ALL WALL BRACKETS TO SUPPORT UPPER CABINETS AND SIREN SYSTEM EQUIPMENT. REFER TO CUT SHEETS FOR MORE INFORMATION.
- 15 INSTALL WOOD TRIM VESTIBULE OPENING A INDICATED.

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.

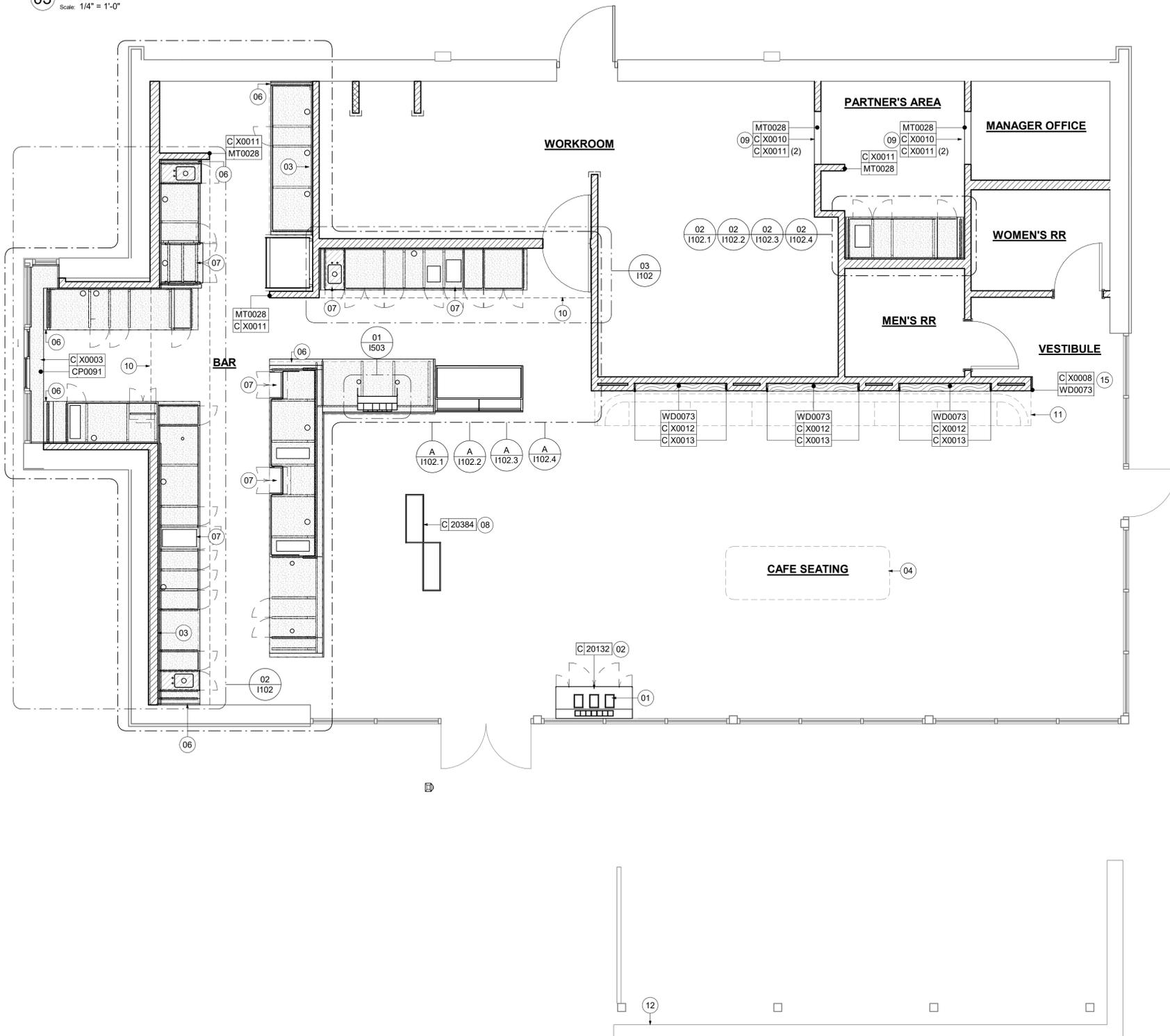
LEGEND

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



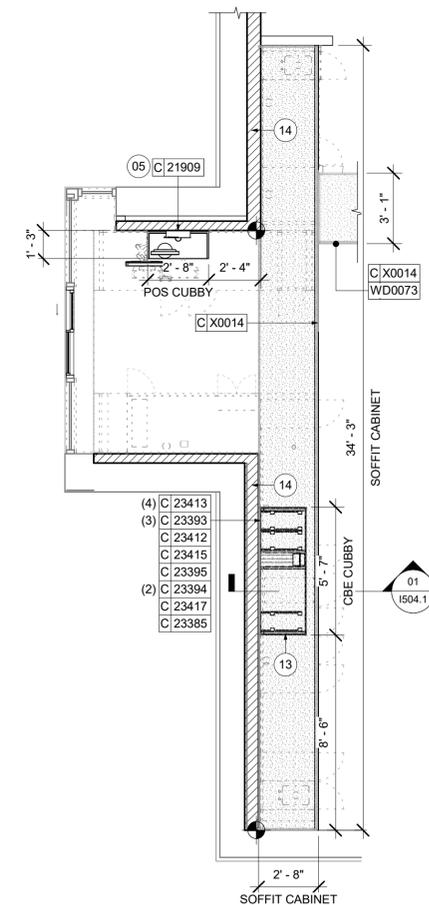
03 UPPER CASEWORK AT MENU BOARDS

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



01 CASEWORK PLAN

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



02 UPPER CASEWORK PLAN

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



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STARBUCKS TEMPLATE VERSION: i2023.01.30

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PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
**ADAPTABLE CASEWORK
BASE PLAN**
SCALE: AS SHOWN

SHEET NUMBER:
1102.1

KEYED NOTES

- 01 CASEWORK FRAMEWORK ABOVE.
- 02 FOOD CASE BASE.
- 03 CASEWORK SUPPORT ADJACENT TO WALL TO SIT ON STEEL ANGLE FASTENED TO WALL.
- 04 FOOD CASE WARMING WALL STATION.

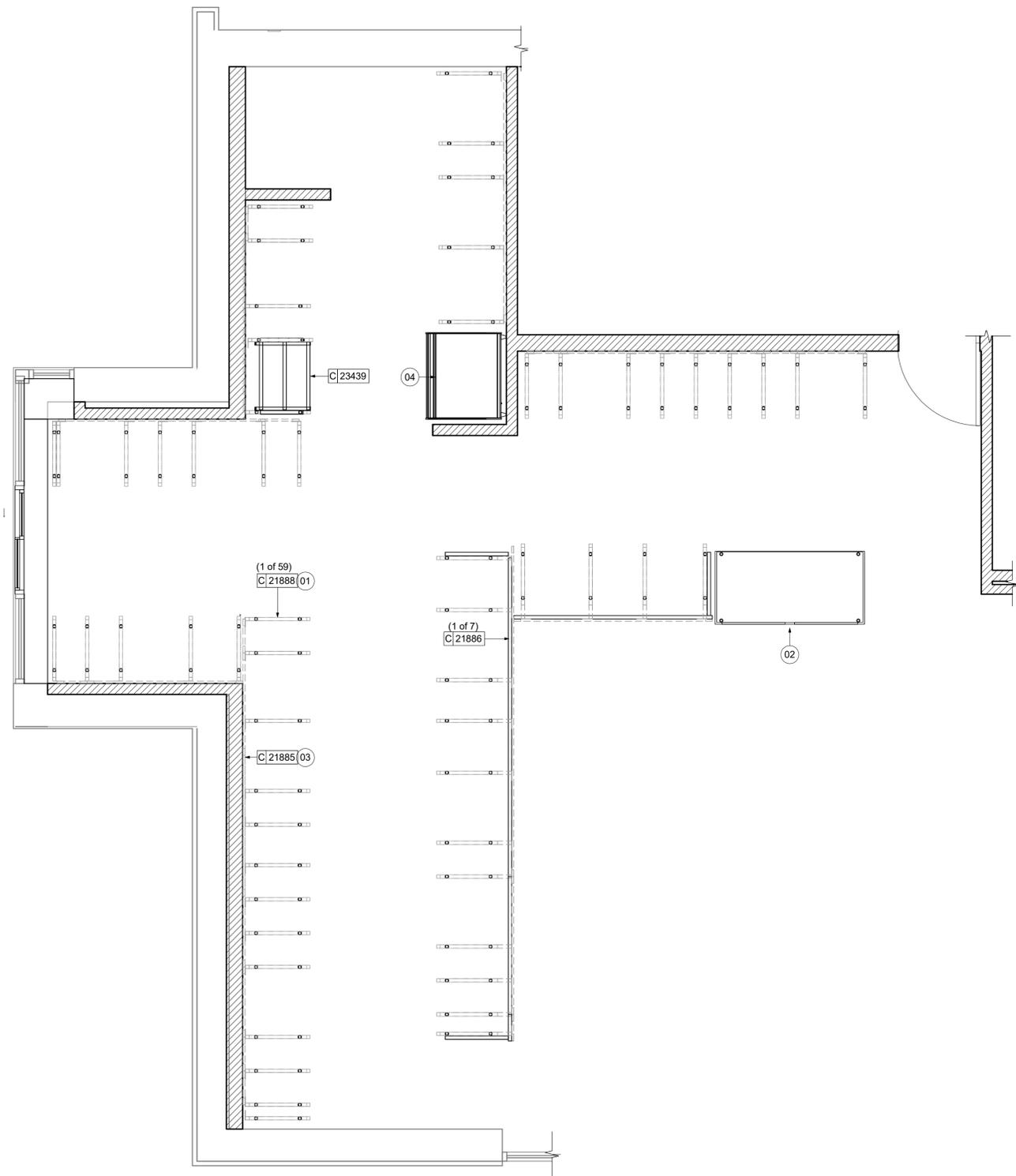
GENERAL NOTES

- 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

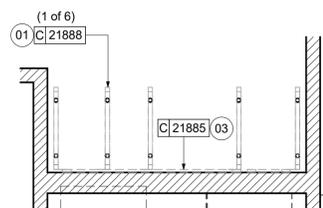
- VARIABLE LENGTH BOX BASE
- CABINET LEG
- DATUM POINT

ADAPTABLE CASEWORK SUPPORT LEG AND DIEWALL BASE SCHEDULE "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DIEWALL					
21886	7	DIEWALL - BASE - VARIABLE LENGTH	SB	GC	
21888	61	DIEWALL - SUPPORT LEG	SB	GC	
23413	4	DIEWALL - SUPPORT ARM UPPER	SB	GC	
23439	1	DIEWALL - WRM STRUCTURE LOWERED COUNTER	SB	GC	



01 ADAPTABLE CASEWORK BASE PLAN

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



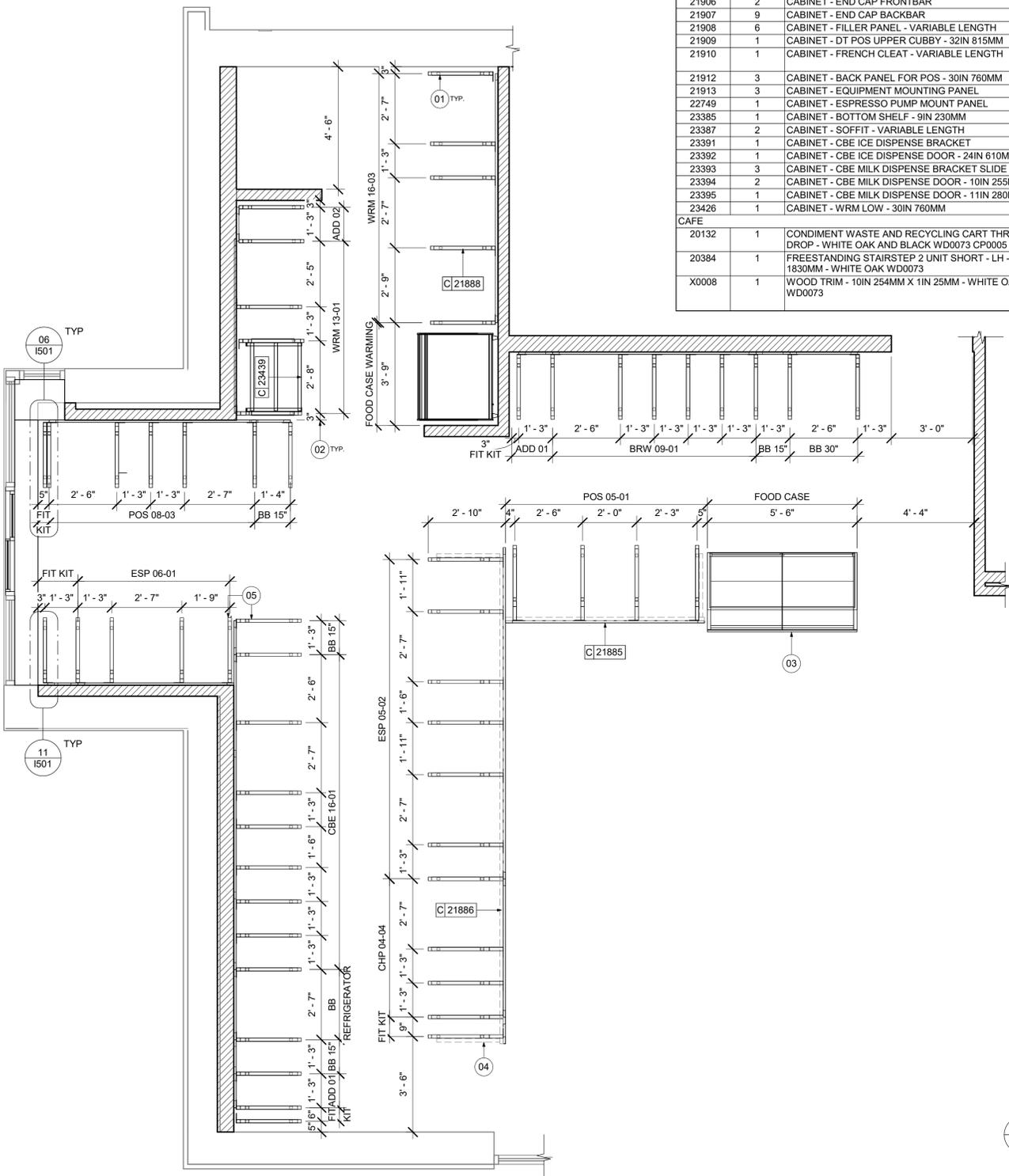
02 PARTNERS AREA - CASEWORK BASE PLAN

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

PERMIT SET - FOR CONSTRUCTION USE

CASEWORK SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CABINET					
17747	1	CABINET - BACKBAR TRASH - 15IN 380MM	SB	GC	
19281	2	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC	
21890	36	CABINET - SIDE PANEL	SB	GC	
21891	17	CABINET - BOTTOM SHELF - 15IN 380MM	SB	GC	
21892	14	CABINET - BACK PANEL - 15IN 380MM	SB	GC	
21893	10	CABINET - ADJUSTABLE SHELF - 15IN 380MM	SB	GC	

CASEWORK SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
21894	15	CABINET - DOOR - 15IN 380MM	SB	GC	
21895	7	CABINET - DOOR TRASH - 15IN 380MM	SB	GC	
21896	2	CABINET - DRAWER - 15IN 380MM	SB	GC	
21898	1	CABINET - BOTTOM SHELF - 18IN 455MM	SB	GC	
21899	1	CABINET - BACK PANEL - 18IN 455MM	SB	GC	
21901	1	CABINET - DOOR - 18IN 455MM	SB	GC	
21902	5	CABINET - BOTTOM SHELF - 30IN 760MM	SB	GC	
21903	2	CABINET - BACK PANEL - 30IN 760MM	SB	GC	
21904	8	CABINET - ADJUSTABLE SHELF - 30IN 760MM	SB	GC	
21905	2	CABINET - DOOR - 30IN 760MM	SB	GC	
21906	2	CABINET - END CAP FRONTBAR	SB	GC	
21907	9	CABINET - END CAP BACKBAR	SB	GC	
21908	6	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	3	CABINET - EQUIPMENT MOUNTING PANEL	SB	GC	
22749	1	CABINET - ESPRESSO PUMP MOUNT PANEL	SB	GC	
23385	1	CABINET - BOTTOM SHELF - 9IN 230MM	SB	GC	
23387	2	CABINET - SOFFIT - VARIABLE LENGTH	SB	GC	
23391	1	CABINET - CBE ICE DISPENSE BRACKET	SB	GC	
23392	1	CABINET - CBE ICE DISPENSE DOOR - 24IN 610MM	SB	GC	
23393	3	CABINET - CBE MILK DISPENSE BRACKET SLIDE	SB	GC	
23394	2	CABINET - CBE MILK DISPENSE DOOR - 10IN 255MM	SB	GC	
23395	1	CABINET - CBE MILK DISPENSE DOOR - 11IN 280MM	SB	GC	
23426	1	CABINET - WRM LOW - 30IN 760MM	SB	GC	
CAFE					
20132	1	CONDIMENT WASTE AND RECYCLING CART THREE DROP - WHITE OAK AND BLACK WD0073 CP0005	SB	GC	
20384	1	FREESTANDING STAIRSTEP 2 UNIT SHORT - LH - 72IN 1830MM - WHITE OAK WD0073	SB	GC	
X0008	1	WOOD TRIM - 10IN 254MM X 1IN 25MM - WHITE OAK WD0073	SB	GC	GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/D ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR.



01 ADAPTABLE CASEWORK FRAMEWORK PLAN

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

02 PARTNERS AREA - FRAMEWORK PLAN

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

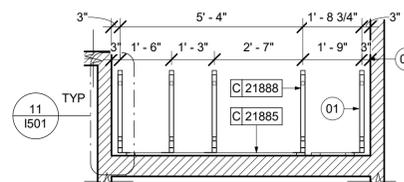
KEYED NOTES

- METAL SUPPORT LEG ADJACENT TO WALL TO BE SUPPORTED BY METAL ANGLE FASTENED TO WALL PER CONSTRUCTION DETAILS.
- DIMENSIONS LOCATING SUPPORT LEG ARE TO CENTER OF FRAME.
- FOOD CASE.
- CUSTOM CORNER AND ENDCAP. FABRICATE USING TRADITIONAL CASEWORK CONSTRUCTION.
- ALIGN FRAMEWORK.

GENERAL NOTES

- SEE SHEET 1102 FOR COMPLETE CASEWORK SCHEDULE.
- METAL COMPONENTS PROVIDED BY CASEWORK SUPPLIER UNLESS OTHERWISE NOTED.
- G.C. TO PROVIDE CONTINUOUS WALL BLOCKING BEHIND CASEWORK.
- CASEWORK FRAME AT BAR ENDS ARE SUPPORTED BY 90 DEGREE DIEWALL BASE.
- ALL DIMENSIONS TAKEN FROM FRONTLINE DATUM POINT TO OUTSIDE CORNER OF DIEWALL BASE.
- TOP EDGE OF DIEWALL FRAME TO BE INSTALLED AT 32 13/16" A.F.F. AT LOW POINT.
- ALL DIMENSIONS ARE TO CENTER OF CABINET FRAME UNLESS NOTED OTHERWISE.

CASEWORK SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
X0011	7	DECORATIVE METAL TRIM - 3IN 76MM (VIF) 2IN 50MM	SB	GC	MATERIAL: ALUMINIUM. FINISH: MT0028. GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/D ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR
X0012	3	WOOD TRIM - 2IN 50.8MM X 1IN 25MM - WHITE OAK WD0073	SB	GC	GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/D ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR.
X0013	7	WOOD TRIM - 3IN 76.2MM X 1IN 25MM - WHITE OAK WD0073	SB	GC	GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/D ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR.
X0014	3	WOOD TRIM - 2IN 50.8MM X 1IN 25MM - WHITE OAK WD0073	SB	GC	GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/D ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR.
COUNTERTOP					
17828	2	COUNTERTOP - BACKSPLASH - VARIABLE LENGTH	SB	GC	
21918	2	COUNTERTOP - FILLER FRONTBAR - VARIABLE LENGTH	SB	GC	
21919	26	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	
21923	3	COUNTERTOP - END CAP FRONTBAR	SB	GC	
21925	5	COUNTERTOP - BACKBAR - 15IN 380MM	SB	GC	
21927	1	COUNTERTOP - BACKBAR - 30IN 760MM	SB	GC	
21928	13	COUNTERTOP - END CAP BACKBAR	SB	GC	
22328	1	COUNTERTOP - BREW - LF - 90IN 2285MM	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	SB	GC	
22385	1	COUNTERTOP - WARMING WITH RACK - RF - 110IN 2795MM	SB	GC	
22391	1	COUNTERTOP - CONSOLIDATED HANDOFF - 61IN 1550MM	SB	GC	
22395	2	COUNTERTOP - HAND SINK LOW SPLASH - 15IN 380MM	SB	GC	
22396	1	COUNTERTOP - HAND SINK TALL SPLASH - 15IN 380MM	SB	GC	
23151	1	COUNTERTOP - PARTNER AMENITY - 67IN 1700MM	SB	GC	
23403	1	COUNTERTOP - CBE IN-LINE RF - 139IN 3530MM	SB	GC	
23433	1	COUNTERTOP - WRM RF - 79IN 1930MM	SB	GC	
X0001	1	COUNTERTOP - ESPRESSO BACKBAR - LF - 69IN 1755MM	SB	GC	
X0003	2	COUNTERTOP - DT LEDGE	SB	GC	FINISH: COMPOSITE BRUSHED WARM GREY (DID CP0091)
DIEWALL					
21885	21	DIEWALL - FRAMING - VARIABLE LENGTH	SB	GC	
21886	7	DIEWALL - BASE - VARIABLE LENGTH	SB	GC	
21887	11	DIEWALL - SUBSTRATE PANEL - VARIABLE LENGTH	SB	GC	
21888	61	DIEWALL - SUPPORT LEG	SB	GC	
23412	1	DIEWALL - FRAMING UPPER - VARIABLE LENGTH	SB	GC	
23413	4	DIEWALL - SUPPORT ARM UPPER	SB	GC	
23439	1	DIEWALL - WRM STRUCTURE LOWERED COUNTER	SB	GC	
OTHER					
11155	2	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 255X255MM	SB	GC	
21914	9	FRIDGE STOP BRACKET SET	SB	GC	
X0010	2	DECORATIVE METAL TRIM - 5IN 127MM (VIF) 1/8IN 3MM	SB	GC	MATERIAL: ALUMINIUM. FINISH: MATTE RAL 9005. GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/D ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR
X0013	1	IMPULSE FIXTURE - FLAT BLACK POWDERCOATED MT0028	SB	GC	REFER TO DETAIL 1503. TO BE PROVIDED BY CASEWORK VENDOR.
PANEL					
21933	6	FINISH PANEL - VARIABLE LENGTH	SB	GC	
23415	1	PANEL - CBE FRONT PANEL UPPER IN-LINE	SB	GC	
23416	2	PANEL - CBE INTERIOR PANEL UPPER	SB	GC	
23417	2	PANEL - CBE SIDE PANEL UPPER	SB	GC	
23418	2	PANEL - CBE SOFFIT	SB	GC	
CABINET - CBE UPPER SIDE PANEL CABINET - CBE UPPER SIDE PANEL CABINET - CBE UPPER SIDE PANEL					
ADAPTABLE CASEWORK FRAMEWORK SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DIEWALL					
21885	21	DIEWALL - FRAMING - VARIABLE LENGTH	SB	GC	
21888	61	DIEWALL - SUPPORT LEG	SB	GC	
23412	1	DIEWALL - FRAMING UPPER - VARIABLE LENGTH	SB	GC	
23413	4	DIEWALL - SUPPORT ARM UPPER	SB	GC	
23439	1	DIEWALL - WRM STRUCTURE LOWERED COUNTER	SB	GC	



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STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
ADAPTABLE CASEWORK FRAMEWORK PLAN

SHEET NUMBER:
1102.2

PERMIT SET - FOR CONSTRUCTION USE



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PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
**ADAPTABLE CASEWORK
CABINET PLAN**
SCALE: AS SHOWN

SHEET NUMBER:
1102.3

KEYED NOTES

- 01 NITRO EQUIPMENT LOCATION.
- 02 FOOD CASE.
- 03 FILLER FINISH PANEL TO BE SHIPPED LONGER THAN DIMENSIONED AND CUT TO FIT IN FIELD.
- 04 CASEWORK SUPPLIER TO PROVIDE ADDITIONAL BACKER SUBSTRATE TO ALIGN END CAP PANEL TO ADJACENT DOOR FACES.
- 05 U/C PASTRY TRAY RACK LOCATION
- 06 FOOD WARMING WALL STATION.
- 07 TEMPORARY STORAGE CABINETS. PLANNED FOR FUTURE EQUIPMENT IN THIS WALL, REFER TO FF&E PLAN.

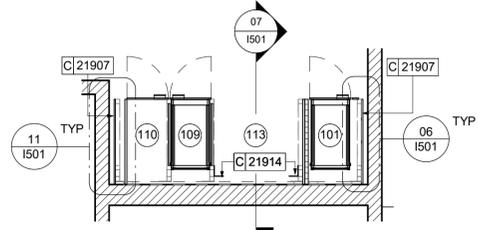
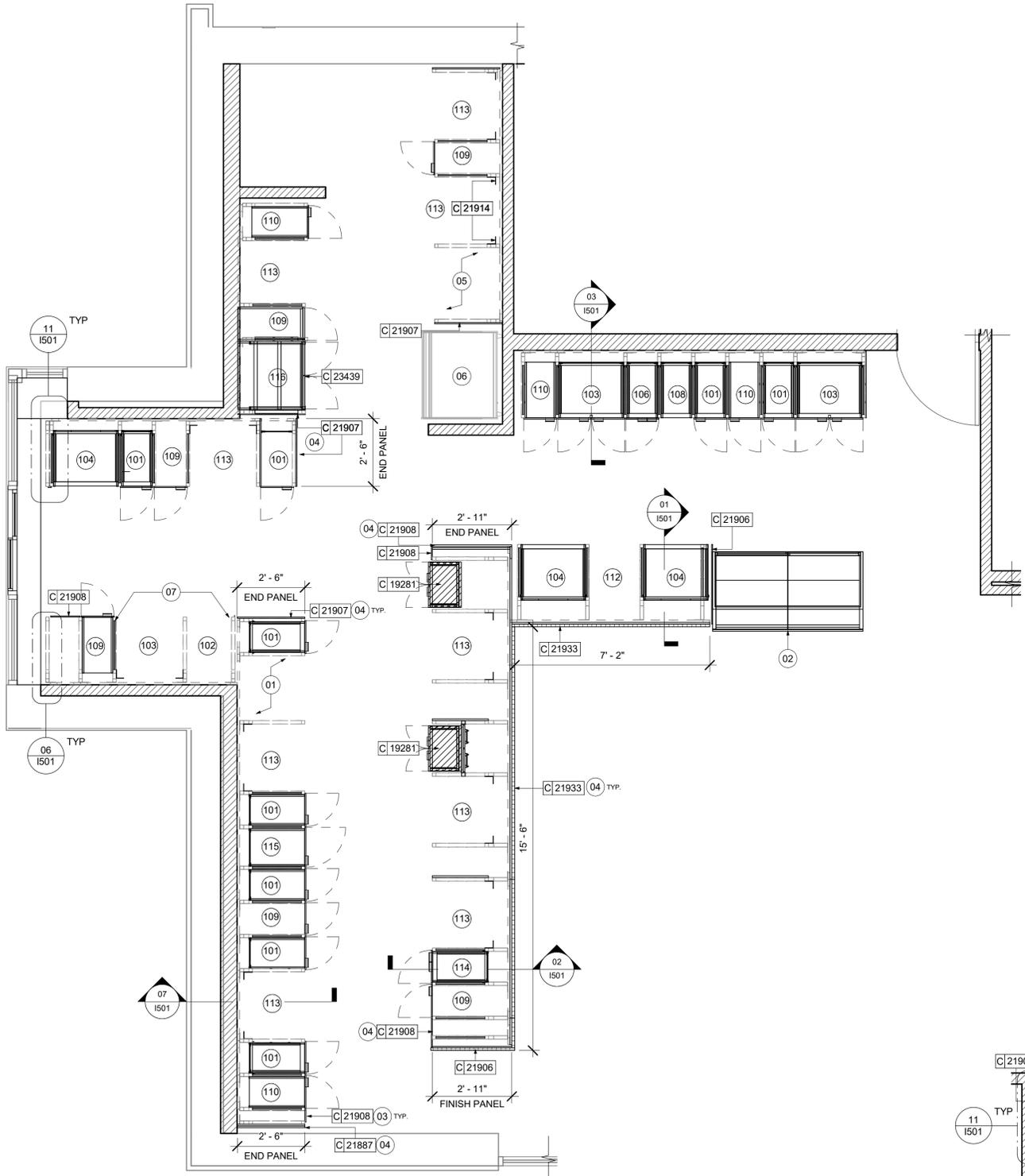
GENERAL NOTES

- A. SEE SHEET I102 FOR COMPLETE CASEWORK SCHEDULE.
- B. ALL DIMENSIONS ARE TO CENTER OF FRAME ASSEMBLY.
- C. **CABINET PANELS:**
 - > ALL CABINET SHELIVING 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 TYPES AND BILL OF MATERIALS SCHEDULE Copy 1

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 ^{AA}
101	15" STORAGE	1 DID 21894	N/A	N/A	N/A	1 DID 21891	1 DID 21893	1 DID 21892	2** DID 21890	NO
102	18" STORAGE	1 DID 21901	N/A	N/A	N/A	1 DID 21898	1 DID 21900	1 DID 21899	2** DID 21890	NO
103	30" STORAGE	2 DID 21905	N/A	N/A	N/A	1 DID 21902	1 DID 21904	1 DID 21903	2** DID 21890	NO
104	30" POS	N/A	N/A	N/A	N/A	1 DID 21902	2 DID 21904	1 DID 21912	2** DID 21890	NO
105	21" POS	N/A	N/A	N/A	N/A	1 DID 22982	2 DID 22980	1 DID 22981	2** DID 21890	NO
106	15" DRAWER	N/A	1 DID 21895	N/A	1 DID...	1 DID 21891	1 DID 21893	1 DID 21892	2** DID 21890	NO
107	15" PRODUCTION CONTROLLER	N/A	N/A	1 DID 21897	1 DID...	1 DID 21891	1 DID 21893	1 DID 21892	2** DID 21890	NO
108	15" CUBBY - COFFEE	N/A	N/A	N/A	N/A	1 DID 21891	1 DID 21893	1 DID 21892	2** DID 21890	NO
109	15" CUBBY - TRASH	N/A	1/0* DID 21895	N/A	N/A	N/A	0	0	2** DID 21890	NO
110	15" SINK	1/0* DID 21894	N/A	N/A	N/A	1 ^A DID 21891	0	0	2** DID 21890	NO
111	15" ICE BIN	1/0* DID 21901	N/A	N/A	N/A	1 ^A 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
114	15" DEL	N/A	N/A	N/A	1 DID...	1 DID 21891	0	1 DID 21892	2** DID 21890	NO
115	18" SINK	2/0* DID21894	N/A	N/A	N/A	1 DID 21902	0	0	2** DID21890	NO
116	30" COMBI OVEN LOWERED COUNTER STRUCTURE	N/A	2 DID 23425	N/A	N/A	N/A	0	0	2** DID21890	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.
^A BOTTOM SHELF AND BOX BASE (IF APPLICABLE), SHOULD BE REMOVED AT SINK/ICE BIN CABINETS WITH FLOOR SINK LOCATED...
^{AA} BOX BASE TO BE PROVIDED AT SPECIFIC CABINETS WHEN REQUIRED BY JURISDICTIONAL CODE OR LOCAL OPERATOR PREFERENCE (NOTED AS "YES")



01 ADAPTABLE CASEWORK CABINET PLAN
Scale: 3/8" = 1'-0"

02 PARTNERS AREA - CABINET PLAN
Scale: 3/8" = 1'-0"

PERMIT SET - FOR CONSTRUCTION USE





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STARBUCKS TEMPLATE VERSION: I2023.01.30

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PROJECT NAME:
ALOMA AVE & TUSKAWILLA RD
PROJECT ADDRESS:
**3645 ALOMA AVENUE
OVIEDO, FL 32765**

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
ADAPTABLE CASEWORK COUNTERTOP PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1102.4

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 SEALED, SECURE CHANNEL TO UNDERSIDE OF SUBSTRATE.

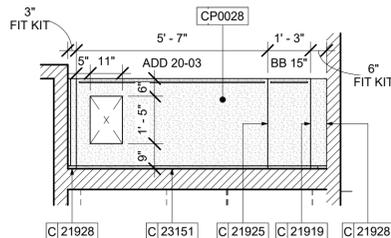
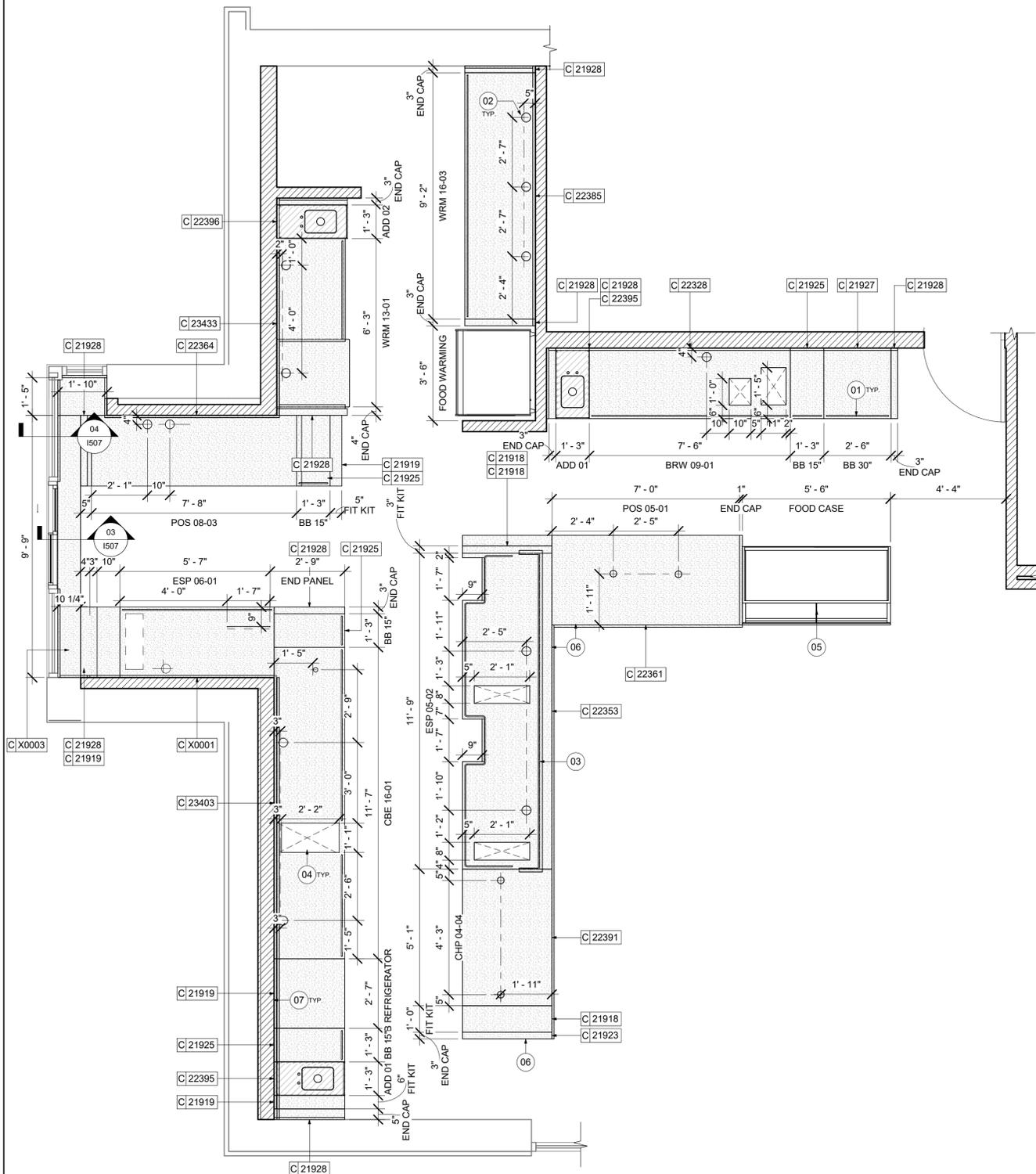
KEYED NOTES

- 01 LOCATE WATER TROUGH AT EDGE OF COUNTERTOP AS SHOWN.
- 02 RAISED EDGE GROMMETS.
- 03 CORIAN SHROUD AT ESPRESSO BAR.
- 04 CUT OUT FOR RECESSED SINK, ICE BIN OR TRASH DROP. SEE EQUIPMENT AND/OR MANUFACTURER'S CUTSHEETS FOR DIMENSIONS.
- 05 FOOD CASE.
- 06 OVERHANG EDGE 4IN.
- 07 BACKBAR W/ 8IN INTEGRAL BACKSPLASH.

LEGEND

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

ADAPTABLE CASEWORK COUNTERTOP SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COUNTERTOP					
17828	2	COUNTERTOP - BACKSPLASH - VARIABLE LENGTH	SB	GC	
21918	2	COUNTERTOP - FILLER FRONTBAR - VARIABLE LENGTH	SB	GC	
21919	26	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	
21923	3	COUNTERTOP - END CAP FRONTBAR	SB	GC	
21925	5	COUNTERTOP - BACKBAR - 15IN 380MM	SB	GC	
21927	1	COUNTERTOP - BACKBAR - 30IN 760MM	SB	GC	
21928	13	COUNTERTOP - END CAP BACKBAR	SB	GC	
22328	1	COUNTERTOP - BREW - LF - 90IN 2285MM	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	SB	GC	
22385	1	COUNTERTOP - WARMING WITH RACK - RF - 110IN 2795MM	SB	GC	
22391	1	COUNTERTOP - CONSOLIDATED HANDOFF - 61IN 1550MM	SB	GC	
22395	2	COUNTERTOP - HAND SINK LOW SPLASH - 15IN 380MM	SB	GC	
22396	1	COUNTERTOP - HAND SINK TALL SPLASH - 15IN 380MM	SB	GC	
23151	1	COUNTERTOP - PARTNER AMENITY - 67IN 1700MM	SB	GC	
23403	1	COUNTERTOP - CBE IN-LINE RF - 139IN 3530MM	SB	GC	
23433	1	COUNTERTOP - WRM RF - 79IN 1930MM	SB	GC	
X0001	1	COUNTERTOP - ESPRESSO BACKBAR - LF - 69IN 1755MM	SB	GC	
X0003	2	COUNTERTOP - DT LEDGE	SB	GC	FINISH: COMPOSITE BRUSHED WARM GREY (DID CP0091)



01 ADAPTABLE CASEWORK COUNTERTOP PLAN
Scale: 3/8" = 1'-0"

02 PARTNERS AREA - COUNTERTOP PLAN
Scale: 3/8" = 1'-0"

PERMIT SET - FOR CONSTRUCTION USE

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.

LEGEND

- EXISTING ITEM/EQUIPMENT FOR FUTURE
- EXISTING ITEM/EQUIPMENT TO BE REUSED
- EXISTING ITEM/EQUIPMENT TO REMAIN
- ADJACENT TENANT

NOTE: LEGEND IS DEPENDENT ON COLORS USED FOR COMPLETE SCOPE INFORMATION.

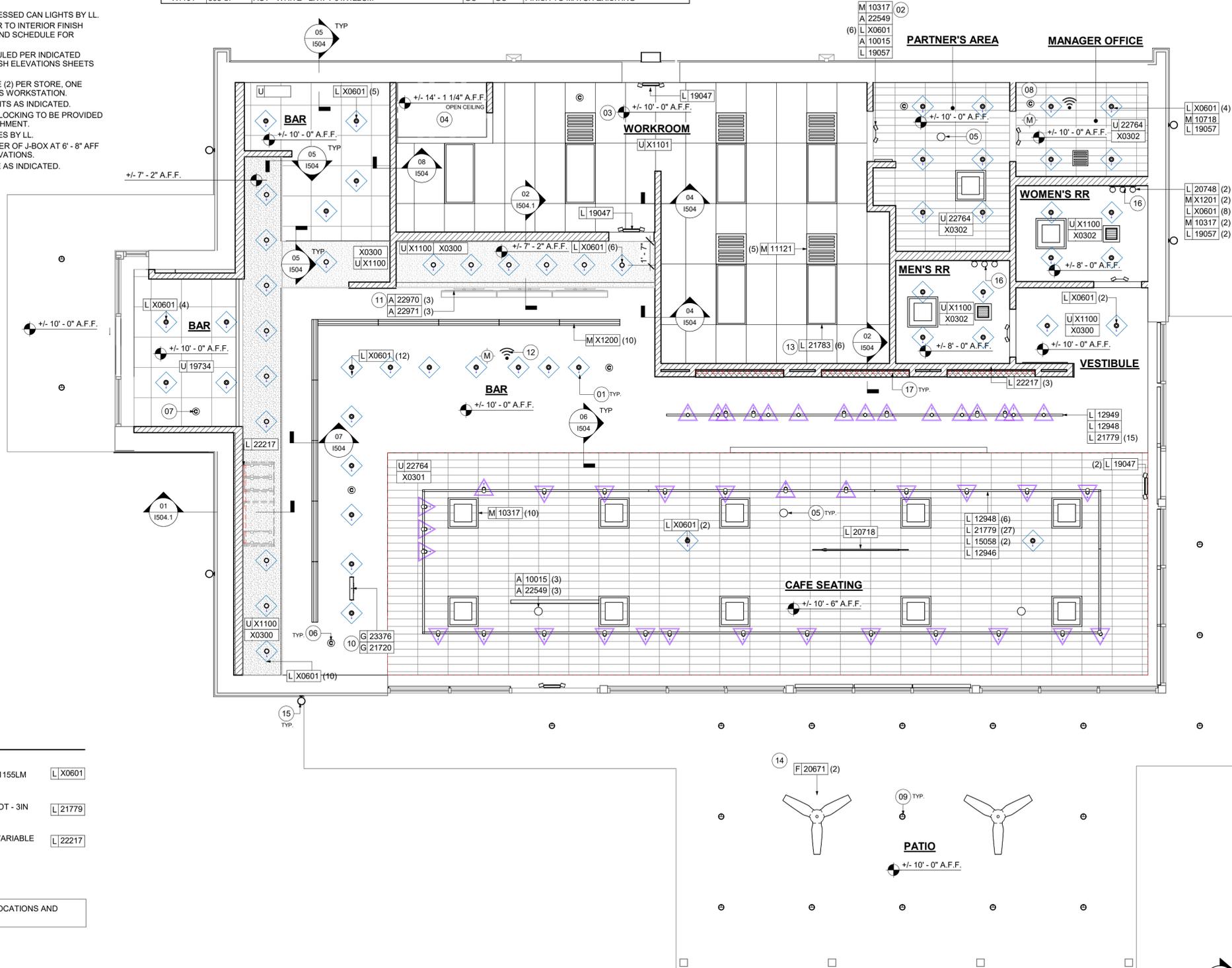
- ELEVATION DATUM
- TRACK LIGHTING
- STRIP LIGHTING
- PENDANT LIGHT
- RECESSED CAN LIGHT
- TROFFER
- EXIT SECURITY LIGHT
- EXIT SIGN/ EMERGENCY LIGHTING COMBO
- MUSIC SYSTEM WALL MOUNTED SPEAKER
- 360° SECURITY CAMERA
- SUPPLY AIR
- RETURN AIR
- EXHAUST FAN
- PIR MOTION SENSOR
- WALL MOUNTED SPEAKER
- WALL SCONCE AT RESTROOM
- WIFI ACCESS POINT (WAP)
- (E) 2'X2' ACT SUSPENDED CEILING SYSTEM
- (E) 2'X4' ACT SUSPENDED CEILING SYSTEM

KEYED NOTES

- 01 INSTALL RECESSED CAN FIXTURES AS SCHEDULED. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
- 02 PAINT CEILING DIFFUSERS AS INDICATED.
- 03 WASHABLE CEILING TILE LOCATED IN BACK OF HOUSE.
- 04 PLATFORM FOR HEATER AND WATER FILTRATION. PROVIDE SOFFIT AND LIFT CEILING THIS AREA ONLY TO INSURE ADEQUATE CLEARANCE FOR SERVICING.
- 05 RECESSED CEILING MOUNTED MUSIC SPEAKER. LOCATE PER PLANS. FINISH COLOR TO BE BLACK OR PAINT TO MATCH ADJACENT FINISH.
- 06 SECURITY CAMERA LOCATION FOR REFERENCE. INSTALL AT SAME HEIGHT AS ADJACENT STORE LIGHTING. THIRD PARTY VENDOR TO DETERMINE FINAL LOCATIONS WITH STARBUCKS' CONSTRUCTION MANAGER.
- 07 MOUNT DRIVE THRU CAMERA INSTALLED AT 36" TO 72" (915MM TO 1830MM) FROM DRIVE THRU WINDOW WITH CLEAR VIEW OF CUSTOMER AND DRIVE THRU POS.
- 08 LOCATE SECURITY HEAD UNIT AT MANAGER'S WORKSTATION.
- 09 EXISTING EXTERIOR CANOPY RECESSED CAN LIGHTS BY LL.
- 10 SUSPENDED MOP SIGNAGE. REFER TO INTERIOR FINISH ELEVATIONS FOR DROP LENGTH AND SCHEDULE FOR ADDITIONAL INFORMATION.
- 11 INSTALL DIGITAL MENU AS SCHEDULED PER INDICATED DETAILS. REFER TO INTERIOR FINISH ELEVATIONS SHEETS FOR MOUNTING HEIGHTS.
- 12 WIRELESS ACCESS POINT: LOCATE (2) PER STORE. ONE ABOVE POS, ONE NEAR MANAGER'S WORKSTATION.
- 13 INSTALL RECESSED TROFFER LIGHTS AS INDICATED.
- 14 EXTERIOR CEILING FANS BY SB. BLOCKING TO BE PROVIDED AS REQUIRED TO SUPPORT ATTACHMENT.
- 15 EXISTING EXTERIOR WALL SCONCES BY LL.
- 16 MOUNT WALL SCONCE WITH CENTER OF J-BOX AT 6" - 8" AFF AS INDICATED ON RESTROOM ELEVATIONS.
- 17 INSTALL LED STRIP LIGHT AT COVE AS INDICATED.

DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
19734	154 SF	ACT - ULTIMA - 2X2FT 61X61CM	GC	GC	FACTORY FINISH TO MATCH PAINT FINISH SW-7032 WARM STONE. FOR ORDERING CONTACT DEB PICKENS AT DLPICKENS@ARMSTRONGCEILING.COM .PH: 480-695-9053
22764	740 SF	ACT - CIRRUS BEVELED SUPRAFINE PAINTED - 2X4FT 61X122CM	GC	GC	PROVIDED BY: ARMSTRONG-FACTORY FINISHED BY MANUFACTURER. FINISH: REFER TO RCP PLAN AT I103 FOR TONE TAG; INSTALLATION SHALL BE IN STRICT ACCORDANCE W/ MANUFACTURER'S INSTRUCTIONS.
X1100	105 SF	GWB CEILING WITH LEVEL 4 FINISH - PAINT AS SCHEDULED	GC	GC	FINISH: REFER TO RCP PLAN AT I103 FOR TONE TAG; INSTALLATION SHALL BE IN STRICT ACCORDANCE W/ MANUFACTURER'S INSTRUCTIONS.
X1101	368 SF	ACT - WHITE - 2X4FT 61X122CM	GC	GC	FINISH TO MATCH EXISTING

DESIGN ID	DESCRIPTION	LRV	FURN. BY	INST. BY	COMMENTS
X0300	SW7031 MEGA GREIGE, OR EQUIVALENT	37	GC	GC	SW USE PRIMER CP-1; NCS - S 3005-Y50R; AKZO NOBEL - 20YY 37/094
X0301	SW7032 WARM STONE, OR EQUIVALENT	37	GC	GC	SW USE PRIMER CP-1; NCS - S 6010-Y10R; AKZO NOBEL - 10YY 14/080
X0302	SW7631 CITY LOFT, OR EQUIVALENT	70	GC	GC	



LIGHTING LEGEND

- CUSTOM CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 1155LM FLOOD WITH DIMMER L X0601
- TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD L 21779
- STRIP - LED TAPE IN HOUSING - VARIABLE LENGTH - BLACK - 350LM PER FT L 22217
- LIGHT DIRECTIONAL SYMBOL

REFER TO SHEET I103.1 FOR LIGHTING LOCATIONS AND INFORMATION.

01 REFLECTED CEILING PLAN
Scale: 1/4" = 1'-0"



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STARBUCKS TEMPLATE VERSION: I2023.01.30

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PROJECT NAME:
ALOMA AVE & TUSKAWILLA RD

PROJECT ADDRESS:
**3645 ALOMA AVENUE
OVIEDO, FL 32765**

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
REFLECTED CEILING PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1103

PERMIT SET - FOR CONSTRUCTION USE

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

KEYED NOTES

- 01 STARTING POINT FOR CEILING TILE GRID INSTALLATION. TYPE AND FINISH AS SCHEDULED.
- 02 CENTER EMERGENCY FIXTURE AT DOOR. REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS AND ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION. GC TO VERIFY FINAL PLACEMENT WITH LOCAL FIRE MARSHALL PRIOR TO INSTALLATION.
- 03 TRACK HEADS TO BE CENTER WITH ARTWORK, CONDIMENT CART AND MERCH BAY AS SHOWN.
- 04 MOP SIGNAGE. REFER TO INTERIOR FINISH ELEVATIONS.
- 05 RECESSED CEILING MOUNTED MUSIC SPEAKER. LOCATE PER PLANS. FINISH COLOR TO BE BLACK OR PAINT TO MATCH ADJACENT FINISH.

LIGHTING FIXTURE SCHEDULE - "L"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
EXIT						
11483	1	EXIT - SECURITY LIGHT WALL MOUNTED	SB	GC	HID 150W OR EQUAL	
19047	4	LED EXIT SIGN WITH EMERGENCY LIGHT - BLACK AND GREEN			INTEGRATED LED	
19057	4	LED EMERGENCY LIGHT DOUBLE - BLACK	SB	GC	INTEGRATED LED	
PENDANT						
20718	1	PENDANT - HOLLIS AND MORRIS LINK - 6FT 183CM - WALNUT	SB	GC	INTEGRATED LED	
RECESSED CAN						
X0601	58	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 1155LM FLOOD	SB	GC	INTEGRATED LED	WITH DIMMER.
SCONCE						
20748	2	SCONCE - KUZCO PLUTO TRIPLE - CHROME	SB	GC	INTEGRATED LED	
STRIP						
22217	5	STRIP - LED TAPE IN HOUSING - VARIABLE LENGTH - BLACK - 350LM PER FT	SB	GC	INTEGRATED LED	REQUIRED (V.I.F.): (1) 234 IN (1) 218 IN

LIGHTING FIXTURE SCHEDULE - "L"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
TRACK						
12946	2	TRACK - WITH CONNECTORS - 4FT 122CM - BLACK - 1 CIRCUIT	SB	GC		
12948	7	TRACK - WITH CONNECTORS - 16FT 488CM - BLACK - 1 CIRCUIT	SB	GC		
12949	1	TRACK - WITH CONNECTORS - 12FT 365CM - BLACK - 1 CIRCUIT	SB	GC		
15058	2	TRACK - WITH CONNECTORS - 6FT 183CM - BLACK - 1 CIRCUIT	SB	GC		
21779	42	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD	SB	GC	INTEGRATED LED	
TROFFER						
21783	6	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4300LM	SB	GC	INTEGRATED LED	

LEGEND

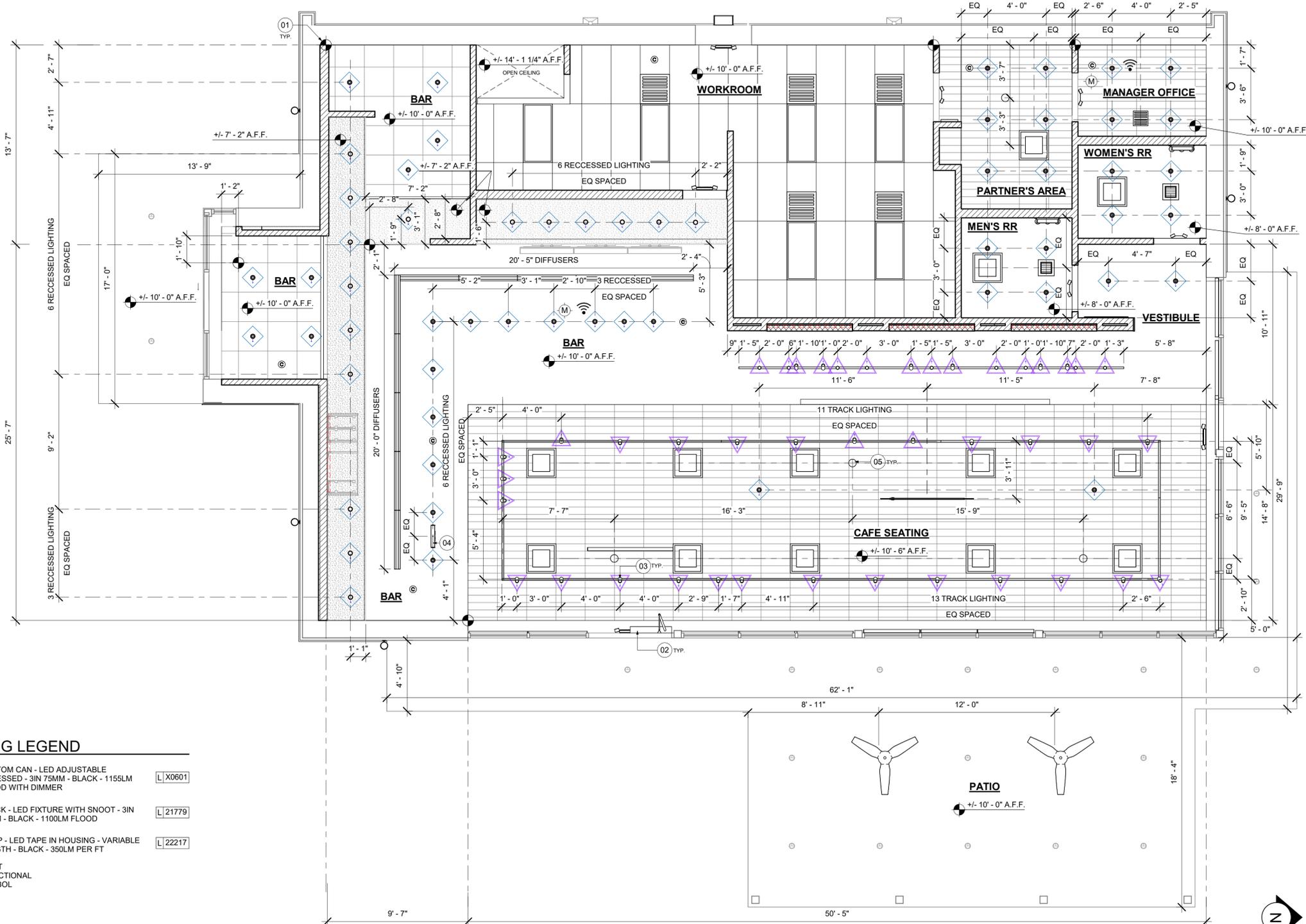
- EXISTING ITEM/EQUIPMENT FOR FUTURE
- EXISTING ITEM/EQUIPMENT TO BE REUSED
- EXISTING ITEM/EQUIPMENT TO REMAIN
- ADJACENT TENANT

NOTE: LEGEND IS DEPENDENT ON COLORS USED FOR COMPLETE SCOPE INFORMATION.

- ELEVATION DATUM
- TRACK LIGHTING
- STRIP LIGHTING
- PENDANT LIGHT
- RECESSED CAN LIGHT
- TROFFER
- EXIT SECURITY LIGHT
- EXIT SIGN/ EMERGENCY LIGHTING COMBO
- MUSIC SYSTEM WALL MOUNTED SPEAKER
- 360° SECURITY CAMERA
- SUPPLY AIR
- RETURN AIR
- EXHAUST FAN
- PIR MOTION SENSOR
- WALL MOUNTED SPEAKER
- WALL SCONCE AT RESTROOM
- WIFI ACCESS POINT (WAP)
- (E) 2'X2' ACT SUSPENDED CEILING SYSTEM
- (E) 2'X4' ACT SUSPENDED CEILING SYSTEM

LIGHTING LEGEND

- CUSTOM CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 1155LM FLOOD WITH DIMMER [L] X0601
- TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD [L] 21779
- STRIP - LED TAPE IN HOUSING - VARIABLE LENGTH - BLACK - 350LM PER FT [L] 22217
- LIGHT DIRECTIONAL SYMBOL



01 REFLECTED CEILING PLAN
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STARBUCKS TEMPLATE VERSION: i2023.01.30

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PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
DIMENS. REFLECTED CEILING PLAN
SCALE: AS SHOWN

SHEET NUMBER:
1103.1

PERMIT SET - FOR CONSTRUCTION USE

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.

LEGEND

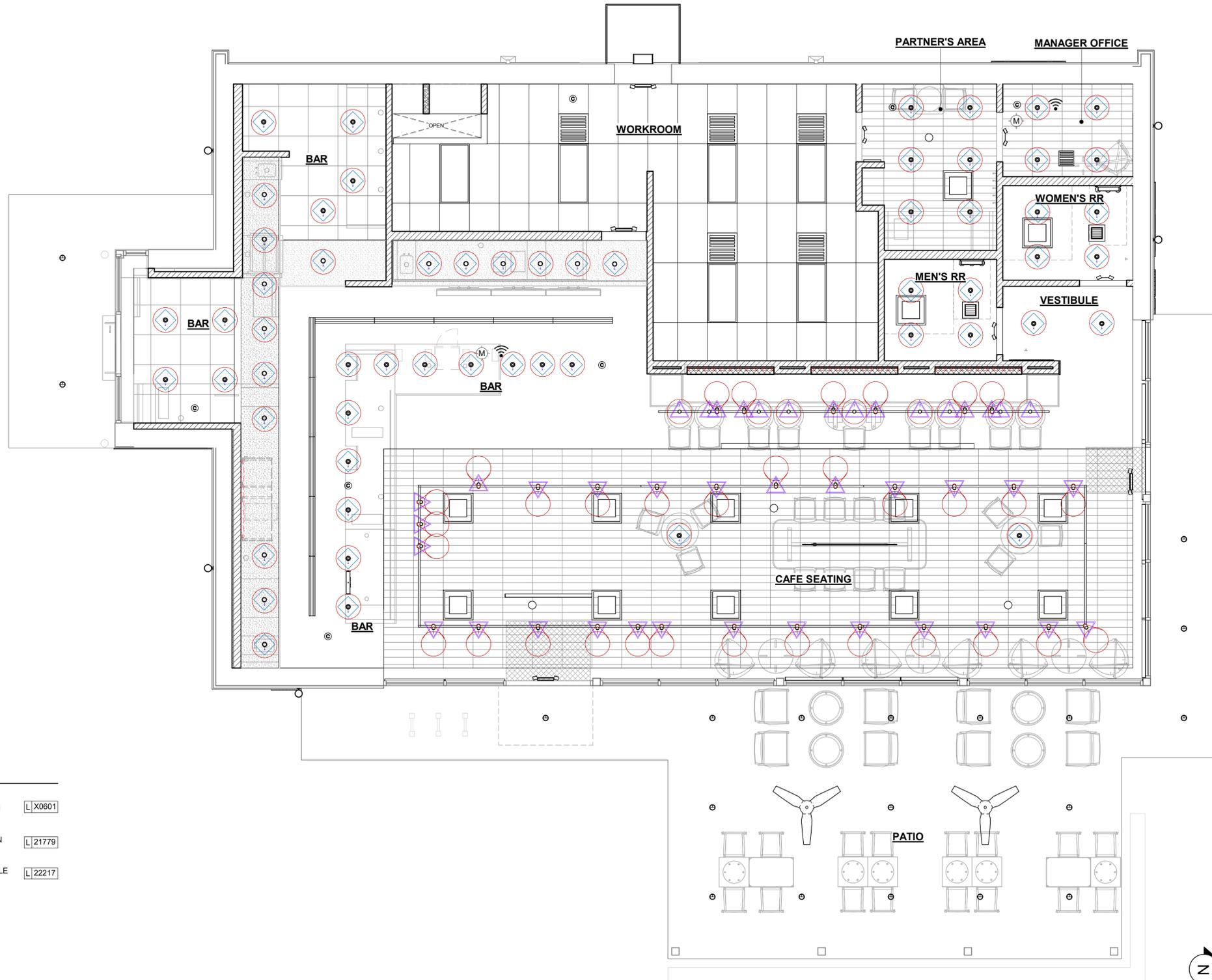
- EXISTING ITEM/EQUIPMENT FOR FUTURE
- EXISTING ITEM/EQUIPMENT TO BE REUSED
- EXISTING ITEM/EQUIPMENT TO REMAIN
- ADJACENT TENANT

NOTE: LEGEND IS DEPENDENT ON COLORS USED FOR COMPLETE SCOPE INFORMATION.

- ELEVATION DATUM
- TRACK LIGHTING
- STRIP LIGHTING
- PENDANT LIGHT
- RECESSED CAN LIGHT
- TROFFER
- EXIT SECURITY LIGHT
- EXIT SIGN/ EMERGENCY LIGHTING COMBO
- MUSIC SYSTEM WALL MOUNTED SPEAKER
- 360° SECURITY CAMERA
- SUPPLY AIR
- RETURN AIR
- EXHAUST FAN
- PIR MOTION SENSOR
- WALL MOUNTED SPEAKER
- WALL SCONCE AT RESTROOM
- WIFI ACCESS POINT (WAP)
- (E) 2'X2' ACT SUSPENDED CEILING SYSTEM
- (E) 2'X4' ACT SUSPENDED CEILING SYSTEM

LIGHTING LEGEND

- CUSTOM CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 1155LM FLOOD WITH DIMMER [L] X0601
- TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD [L] 21779
- STRIP - LED TAPE IN HOUSING - VARIABLE LENGTH - BLACK - 350LM PER FT [L] 22217
- LIGHT DIRECTIONAL SYMBOL



01 REFLECTED CEILING PLAN
Scale: 1/4" = 1'-0"



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PROJECT NAME:
ALOMA AVE & TUSKAWILLA RD

PROJECT ADDRESS:
**3645 ALOMA AVENUE
OVIEDO, FL 32765**

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
**REFLECTED CEILING
PLAN REFERENCE**
SCALE: AS SHOWN

SHEET NUMBER:
1103.2

PERMIT SET - FOR CONSTRUCTION USE

WALL TREATMENT (AREA) SCHEDULE - "Q"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TILE					
20227	789 SF	TILE - I COCCI - CEMENTO - 6X24IN 150X600MM	SB	GC	GROUT: MAPEI - 47 CHARCOAL, OR EQUAL
20249	1288 SF	TILE - COLOR STUDIO - SAGE - SQUARE MOSAIC - 12X12IN 300X300MM SHEET	SB	GC	GROUT: MAPEI - 11 SAHARA BEIGE, OR EQUAL
WALL COVERING					
11469	1532 SF	FRP - WHITE	GC	GC	LOCALLY SOURCED.
22841	894 SF	WALL COVERING - HIGH PLAINS - CHIC TAUPE	SB	GC	CLASS A FRONT OF HOUSE, CLASS B BOH

PAINT SCHEDULE					
DESIGN ID	DESCRIPTION	LRV	FURN. BY	INST. BY	COMMENTS
X0300	SW7031 MEGA GREIGE, OR EQUIVALENT	37	GC	GC	SW USE PRIMER CP-1; NCS - S 3005-Y50R; AKZO NOBEL - 20YY 37/094
X0301	SW7032 WARM STONE, OR EQUIVALENT	37	GC	GC	SW USE PRIMER CP-1; NCS - S 6010-Y10R; AKZO NOBEL - 10YY 14/080
X0302	SW7631 CITY LOFT, OR EQUIVALENT	70	GC	GC	

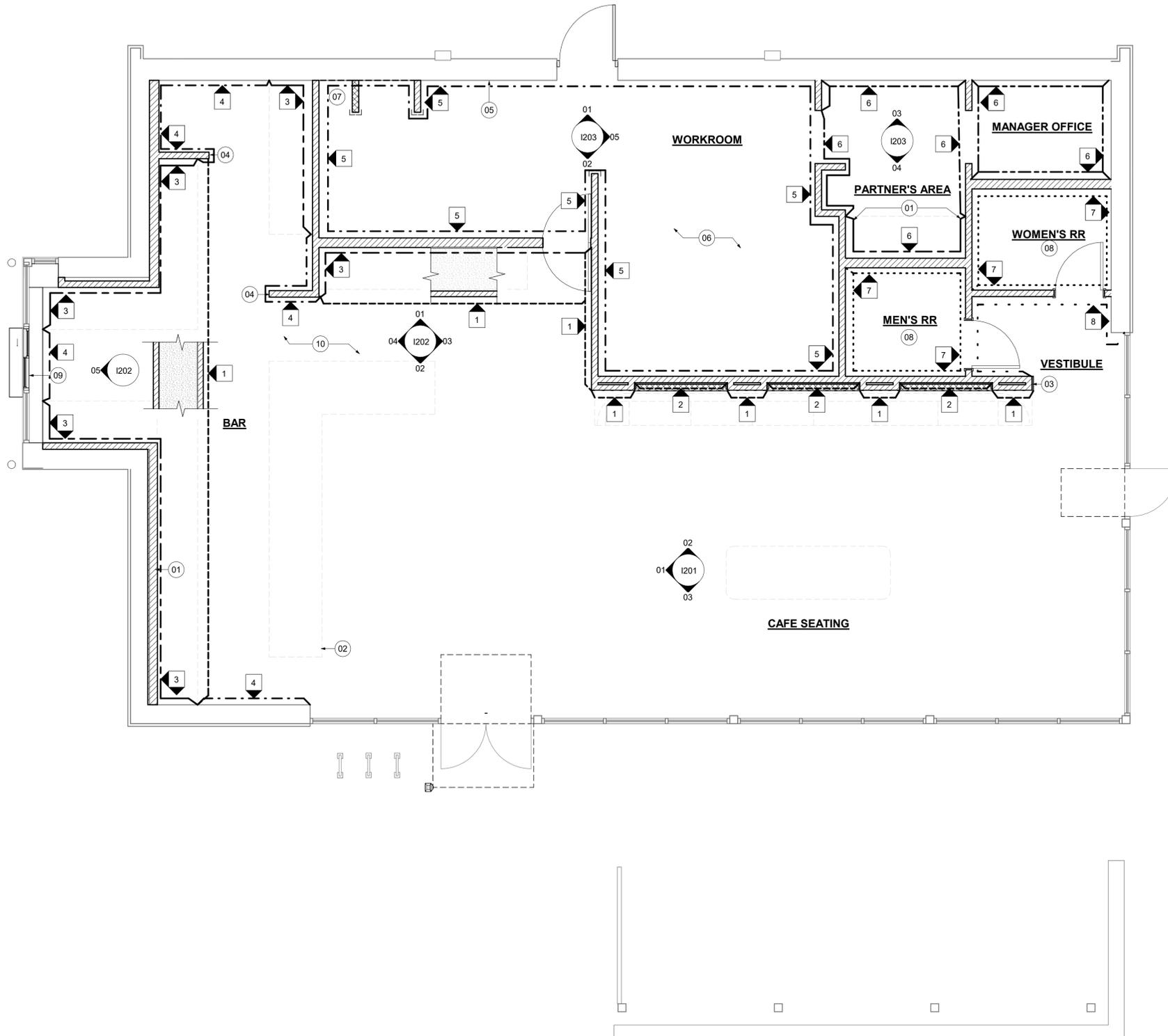
WALL TREATMENT (LENGTH) SCHEDULE - "R"					
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS

KEYED NOTES

- 01 GC TO FURNISH AND INSTALL FRP BELOW ENGINE EXPOSED WALLS, EXCEPT AT WARMING STATION. EXTEND FROM WALL BASE TO UNDERSIDE OF COUNTERTOP. SEAL AT BASE. WALL TILE TO START ABOVE THE BACKSPASH. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION AND START POINTS.
- 02 OUTLINE OF ENGINE FOR REFERENCE.
- 03 WOOD PLANK CAP. REFER TO I102.
- 04 DECORATIVE METAL TRIM. REFER TO I102.
- 05 LOCATION OF ELECTRICAL PANELS BY LL.
- 06 INSTALL FULL HEIGHT FRP AT WORKROOM AND STORAGE WALLS AS INDICATED.
- 07 MOP SINK. FULL HEIGHT FRP AT ENCLOSURE (SEE PLUMBING PLANS FOR MORE INFORMATION).
- 08 INSTALL WALL TILE AT RESTROOMS AS INDICATED. REFER TO SHEET I401.
- 09 BACKBAR TILE TO RETURN TO MULLIONS WITHIN DRIVE-THRU WINDOW OPENING AS INDICATED.
- 10 GC TO INSTALL BACKBAR WALL TILE AS INDICATED ON INTERIOR FINISH ELEVATIONS.

GENERAL NOTES

- A. GC TO PATCH AND REPAIR ANY DAMAGE TO EXISTING WALLS TO A SMOOTH, PAINT READY SURFACE PRIOR TO PAINTING.
- B. CHANGE OF PAINT COLOR ALLOWED ONLY AT INSIDE CORNERS, UNLESS OTHERWISE NOTED.
- C. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS NATIONAL SHERWIN-WILLIAMS ACCOUNT "COLOR CODE" WHEN ORDERING PAINTS.
- D. REFER TO INTERIOR ELEVATIONS FOR PAINT COLORS AND GRAPHICS' LOCATIONS.
- E. WALL AND CEILING COVERING MATERIALS SHALL BE ATTACHED SO THAT THEY ARE EASILY CLEANABLE.
- F. MATERIALS FOR INDOOR WALL SURFACES FOR CONDITIONS OF NORMAL USE SHALL BE SMOOTH, DURABLE, AND EASILY CLEANABLE.
- G. GC TO PROVIDE AND INSTALL WORKROOM WALL FINISHES PER LOCAL CODE REQUIREMENTS.
- H. FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE.
- I. PAINT SHALL BE WASHABLE; SEMI-GLOSS OR HIGH-GLOSS FINISH.
- J. 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.
 3. WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
 4. PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.
- K. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETS) SHALL BE SEALED.
- L. REFER TO CASEWORK FINISH SCHEDULE FOR CASEWORK FINISH MATERIAL INFORMATION.
- M. REFER TO INTERIOR FINISH ELEVATIONS FOR ARTWORK/ GRAPHICS LOCATIONS. REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.
- N. ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE 6" COVED BASE.
- O. INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.
- P. CV SHOULD PROVIDE WOOD CLEAR SHERWIN WILLIAMS "CLASS A VARNISH SYSTEM" FLAMES SPREAD RETARDANT FOR ALL WOOD ITEMS OR "CLASS A" EQUIVALENT. APPLY PER MFR'S RECOMMENDATIONS ON ALL SIDES OF PANELS PRIOR TO SEALER. GC TO TEST PRIOR TO INSTALLATION.
- Q. PROVIDE FIRE TREATED BLOCKING AS REQUIRED TO SUPPORT WALL ATTACHMENTS (SEE BUILDING FLOOR PLAN ON SHEET A-101 FOR MORE INFORMATION).
- R. REFER TO SHEET I-502 FOR WALL FINISH DETAILS.



LEGEND

- EXISTING WALL TO REMAIN
 - NEW FULL HEIGHT WALL
 - WOOD CLADDING TO CEILING CLASS A WALLS
 - WALL COVERING TO CEILING CLASS A WALLS
 - FRP PANELING TO 2'-10" AFF WALL TILE TO CEILING CLASS A WALLS
 - WALL TILE TO CEILING CLASS A WALLS
 - FRP PANELING CLASS B WALLS
 - WALL COVERING TO CEILING CLASS A WALLS
 - WALL TILE TO CEILING CLASS A WALLS
 - PAINT TO CEILING CLASS A WALLS
 - INDICATES APPLY WALL FINISH ABOVE THE DOOR SILL AS INDICATED. REFER TO ELEVATIONS.
- SEE INTERIOR FINISH ELEVATIONS FOR TAGGED LOCATION OF WALL FINISH MATERIAL

01 WALL FINISH PLAN
Scale: 1/4" = 1'-0"



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STORE #: 23308
PROJECT #: 62233-050
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DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
WALL FINISH PLAN

SCALE: AS SHOWN

SHEET NUMBER:
1105



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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
INTERIOR FINISH ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
1201

KEYED NOTES

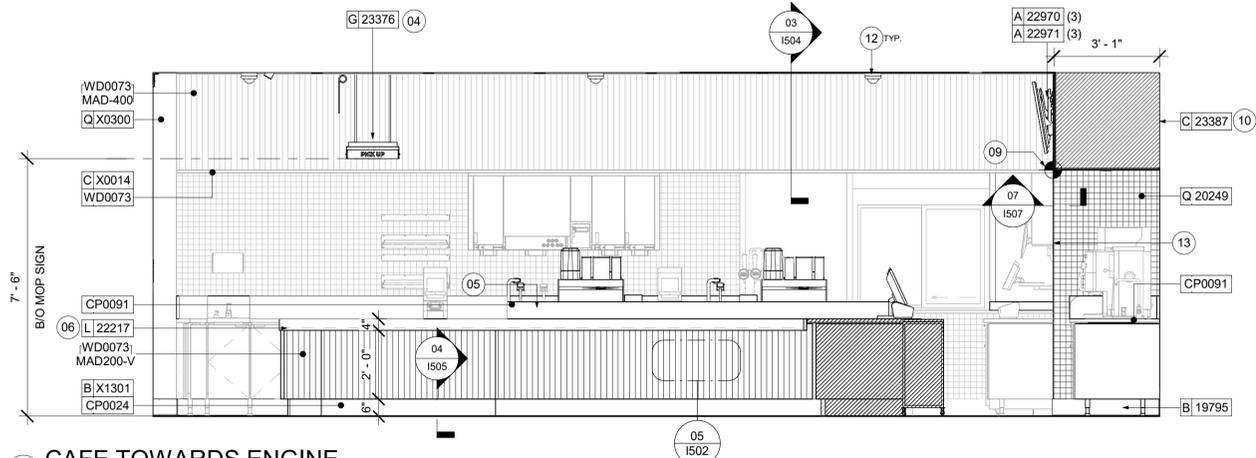
- ATTACH MENU BOARDS PER INSTALLATION DETAILS. CENTER SECOND MENU WITH THE POS COUNTER.
- GC TO FURNISH AND INSTALL FRP BELOW ENGINE EXPOSED WALLS, EXCEPT AT WARMING STATION. EXTEND FROM WALL BASE TO UNDERSIDE OF COUNTERTOP. SEAL AT BASE. WALL TILE TO START ABOVE THE BACKSPLASH. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION AND START POINTS.
- LIGHT FIXTURE (SEE REFLECTED CEILING PLAN ON SHEET I103 AND LIGHTING PLAN ON SHEET E102 FOR ADDITIONAL INFORMATION).
- CEILING MOUNTED MOP (MOBILE ORDER AND PAY) TO BE INSTALLED AS INDICATED. REFER TO DETAILS FOR ADDITIONAL INFORMATION AND SCHEDULE FOR SPECIFICATIONS.
- CORIAN SHROUD.
- UNDERCOUNTER LED LIGHTING TO BE INSTALLED AT FRONT BAR AS INDICATED. REFER TO SCHEDULE FOR SPECIFICATIONS AND ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
- CEILING MOUNTED EMERGENCY LIGH FIXTURE. DO NOT BLOCK FOOD CASE INTAKE/EXHAUST.
- STARTING POINT FOR TILE INSTALLATION. START WITH FULL TILE ON TOP. WALL TILE GROUT LINES TO ALIGN AS INDICATED. EXCESS TILE TO BE CUT TO ALIGN.
- IN-WALL WOOD BLOCKING. VERIFY BLOCKING LOCATION, EXTENTS AND BLOCKING WITH MANUFACTURER'S REQUIREMENTS.
- BARRIER FREE NEW HARDWARE, REFER TO SHEET A602 FOR MORE INFORMATION.
- INSTALL CEILING MOUNTED SECURITY CAMERA AS INDICATED.
- CORNER GUARD, REFER TO SCHEDULE AND PLAN FOR MORE INFORMATION.

GENERAL NOTES

- FOR GRAPHICS AND EQUIPMENT, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I601.
- REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.
- CHANGE PAINT COLOR ONLY AT INSIDE CORNERS UNLESS OTHERWISE INDICATED.
- PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE:
 - WOODS AND METAL SURFACES SHALL BE SEMI-GLOSS OR EQUAL.
 - ACCENT AND TRIM PAINTS TO BE SEMI-GLOSS OR EQUAL.
 - WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
 - PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.
- PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS NATIONAL ACCOUNT COLOR CODE WHEN ORDERING PAINTS.
- 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.
- ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETRY) SHALL BE SEALED.
- REFER TO CASEWORK FINISH SCHEDULE ON THE CASEWORK FINISH PLAN ON SHEET I102 FOR CASEWORK FINISH MATERIAL INFORMATION.
- ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.
- ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.
- ALL FOOD STORAGE SHALL BE 6" (150MM) A.F.F.
- INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.
- GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.
- CLASS A FIRE RETARDANT TREATMENT (PER ASTM E 84), OR PASSES NFPA 286 (DID: SPC006). CASEWORK VENDOR TO PROVIDE WOOD CLEAR SHERWIN WILLIAMS "CLASS A VARNISH SYSTEM" FLAMES SPREAD RETARDANT OR SIMILAR. APPLY PER MFR RECOMMENDATIONS ON ALL SIDES OF PANELS PRIOR TO SEALER. GC TO TEST PRIOR TO INSTALLATION.

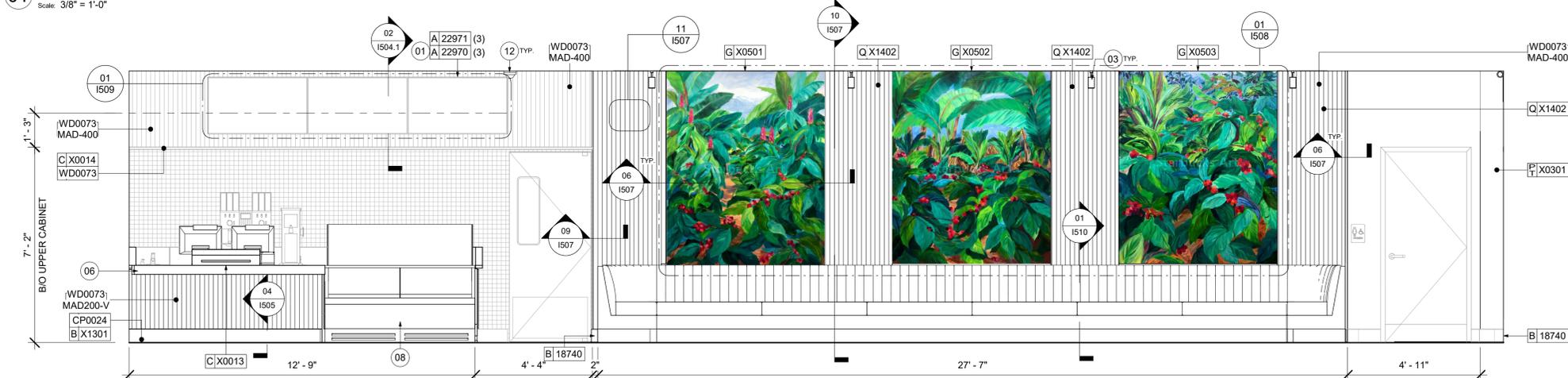
LEGEND

- INDICATES WALL BLOCKING. BLOCKING TO BE PROVIDED AS REQUIRED TO SUPPORT WALL ATTACHMENTS. EXTEND BLOCKING 4" (100mm) BEYOND EDGE OF ATTACHMENTS.
- WALL TILE START POINT DATUM



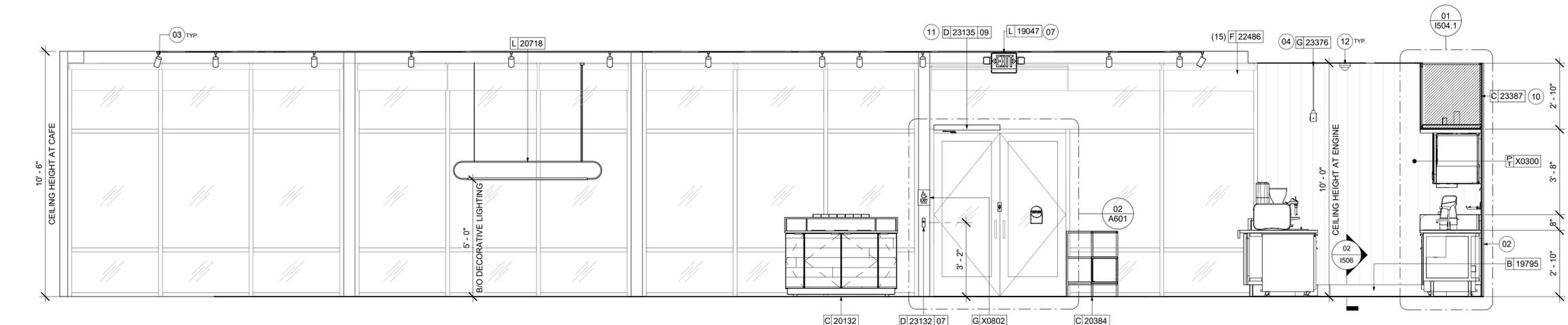
01 CAFE TOWARDS ENGINE

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



02 CAFE TOWARDS BANQUETTE

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



03 CAFE TOWARDS MAIN ENTRANCE

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

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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
**INTERIOR FINISH
ELEVATIONS**
SCALE: AS SHOWN

SHEET NUMBER:
1202

PERMIT SET - FOR CONSTRUCTION USE

KEYED NOTES

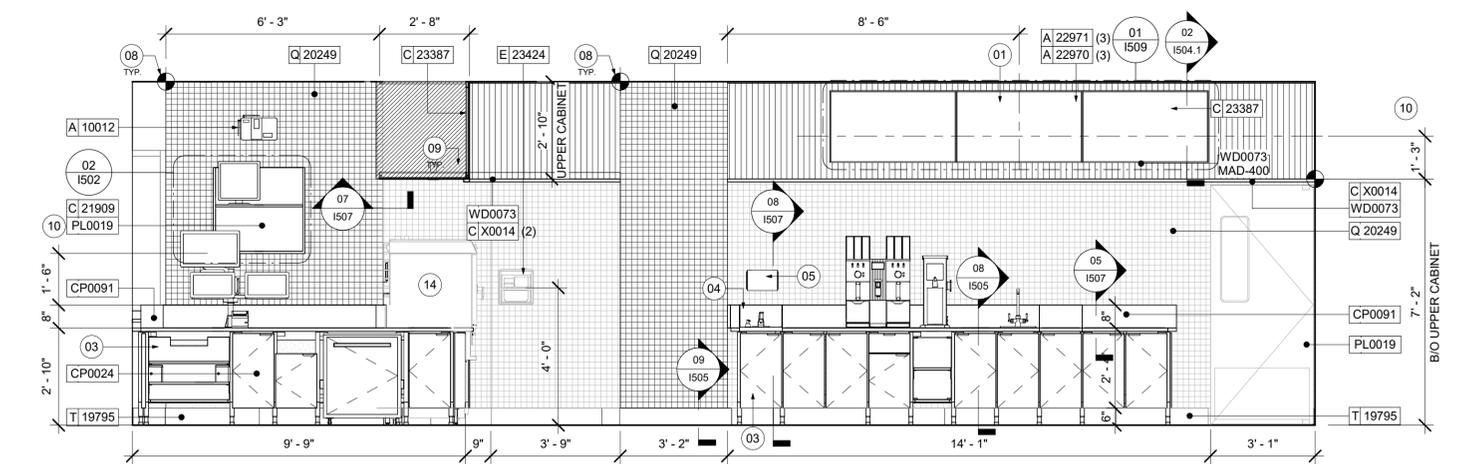
- 01 ATTACH DIGITAL MENU BOARDS PER INSTALLATION DETAIL.
- 02 SHELVING FOR CBE STATION AS SHOWN. G.C. TO PROVIDE WALL BLOCKING FOR FASTENERS.
- 03 WALL FINISH BEHIND EXPOSED CABINETS AND BELOW UNDERSIDE OF COUNTERTOP SUBSTRATE TO BE FRP, EXCEPT WARMING STATION, TILE TO BE EXTEND FROM WALL BASE TO UNDERSIDE OF COUNTERTOP.
- 04 PROVIDE 6" (150MM) MIN. INTEGRAL SPLASHGUARD AT HAND SINK PER JURISDICTIONAL REQUIREMENTS.
- 05 HAND SINK WITH SOAP AND PAPER TOWEL DISPENSER. G.C. TO PROVIDE BLOCKING FOR FASTENERS.
- 06 CEILING MOUNTED MOP (MOBILE ORDER AND PAY) SIGNAGE TO BE INSTALLED AS INDICATED. REFER TO DETAILS FOR ADDITIONAL INFORMATION AND SCHEDULE FOR SPECIFICATIONS.
- 07 CORIAN SHROUD.
- 08 STARTING POINT FOR TILE INSTALLATION. WALL TILE GROUT LINES TO ALIGN AS INDICATED. EXCESS TILE TO BE CUT TO ALIGN.
- 09 LIGHT FIXTURE (SEE REFLECTED CEILING PLAN ON SHEET I103 AND LIGHTING PLAN ON SHEET E102 FOR ADDITIONAL INFORMATION).
- 10 IN-WALL WOOD BLOCKING. VERIFY BLOCKING LOCATION, EXTENTS AND BLOCKING WITH MANUFACTURER'S REQUIREMENTS.
- 11 ROLLER SHADE TO BE INSTALLED AS SHOWN.
- 12 DO NOT BLOCK FOOD CASE INTAKE/EXHAUST.
- 13 INSTALL CEILING MOUNTED SECURITY CAMERA AS INDICATED.
- 14 ICE MACHINE (SEE PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL 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, CABINETS) 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" COVERED 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.
- N. CLASS A FIRE RETARDANT TREATMENT (PER ASTM E 84), OR PASSES NFPA 286 (DID: SPC006), CASEWORK VENDOR TO PROVIDE WOOD CLEAR SHERWIN WILLIAMS "CLASS A VARNISH SYSTEM" FLAMES SPREAD RETARDANT OR SIMILAR, APPLY PER MFR RECOMMENDATIONS ON ALL SIDES OF PANELS PRIOR TO SEALER. GC TO TEST PRIOR TO INSTALLATION.

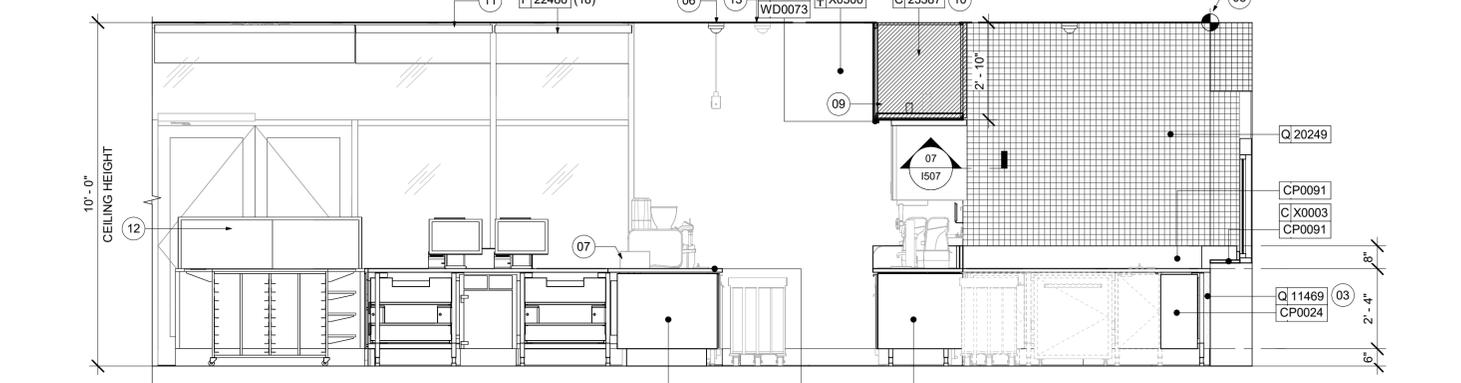
LEGEND

- INDICATES WALL BLOCKING. BLOCKING TO BE PROVIDED AS REQUIRED TO SUPPORT WALL ATTACHMENTS. EXTEND BLOCKING 4" (100mm) BEYOND EDGE OF ATTACHMENTS.
- WALL TILE START POINT DATUM



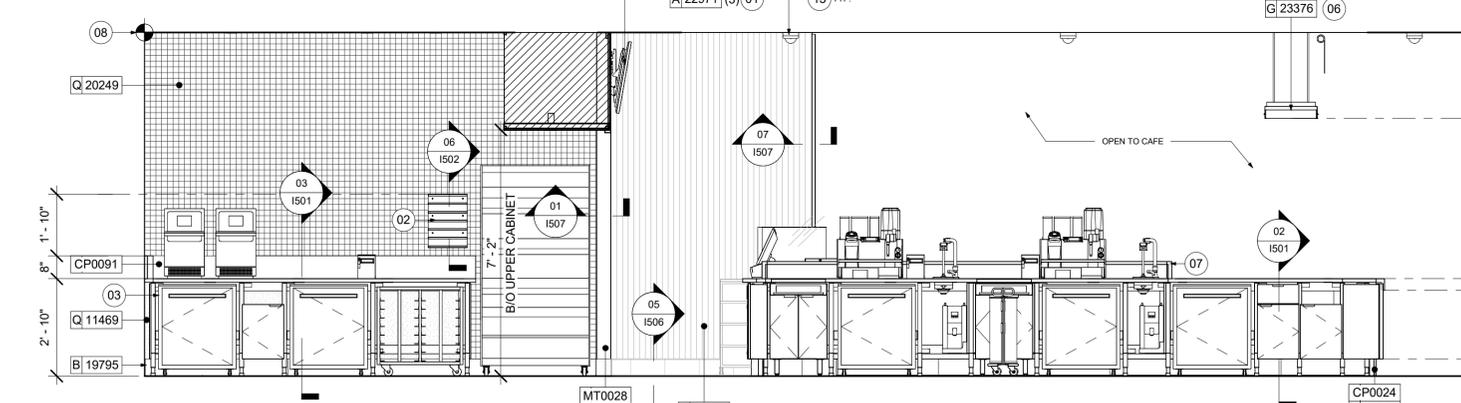
01 ENGINE TOWARDS BOH

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



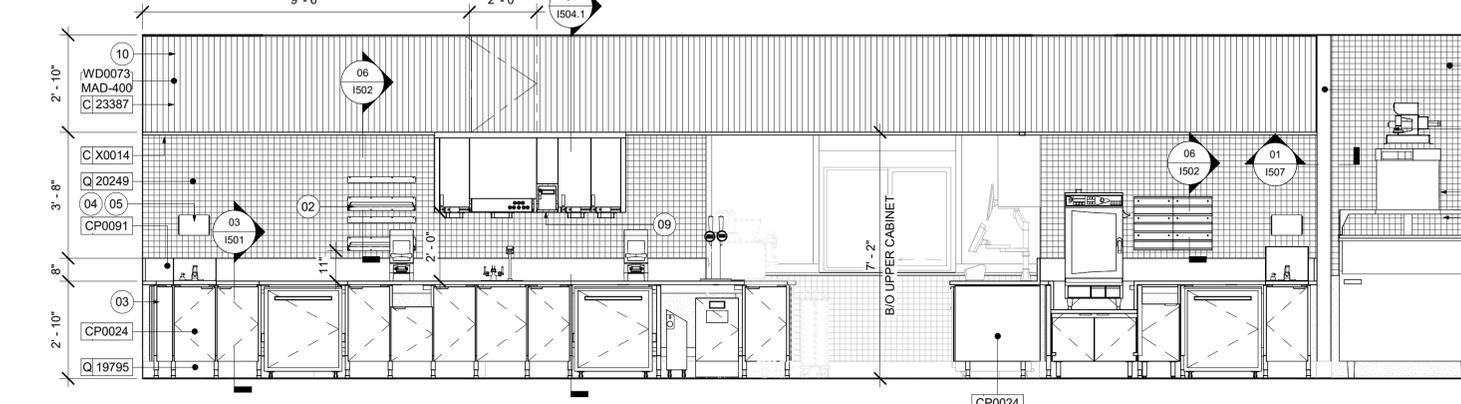
02 ENGINE TOWARDS MAIN ENTRANCE

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



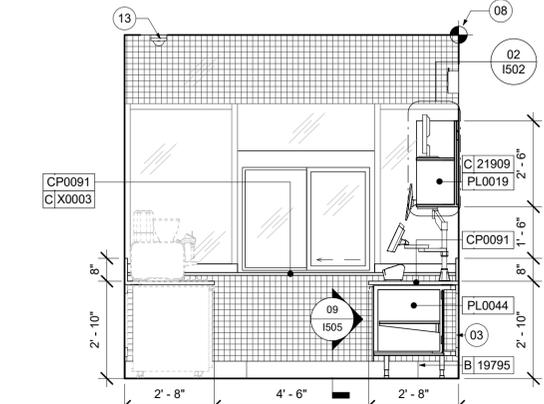
03 ENGINE FROM PARTNERS SIDE

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



04 ENGINE AT BACKBAR

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



05 DT WINDOW

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



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STARBUCKS TEMPLATE VERSION: i2023.01.30

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PERMIT SET - FOR CONSTRUCTION USE

PROJECT NAME:
ALOMA AVE & TUSKAWILLA RD

PROJECT ADDRESS:
**3645 ALOMA AVENUE
OVIEDO, FL 32765**

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
INTERIOR FINISH ELEVATIONS

SCALE: AS SHOWN

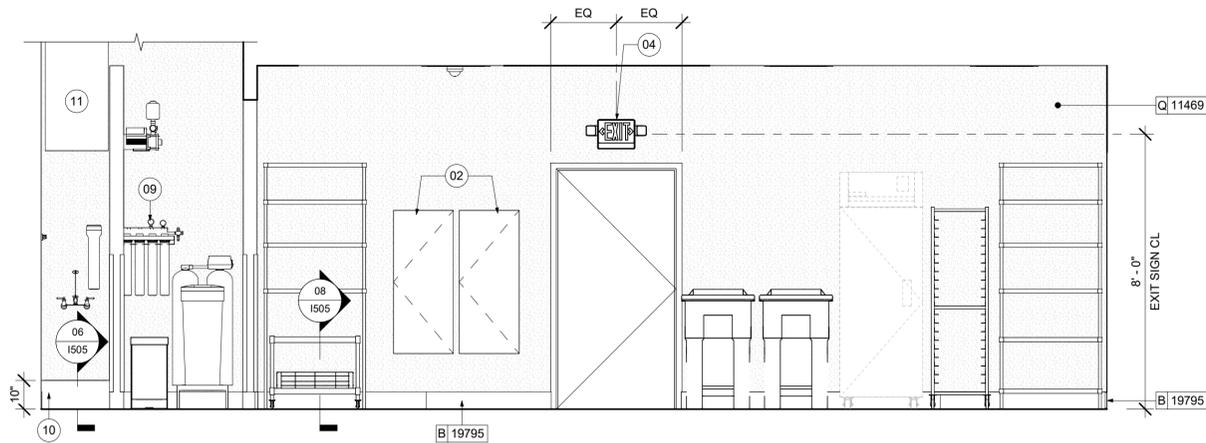
SHEET NUMBER:
1203

KEYED NOTES

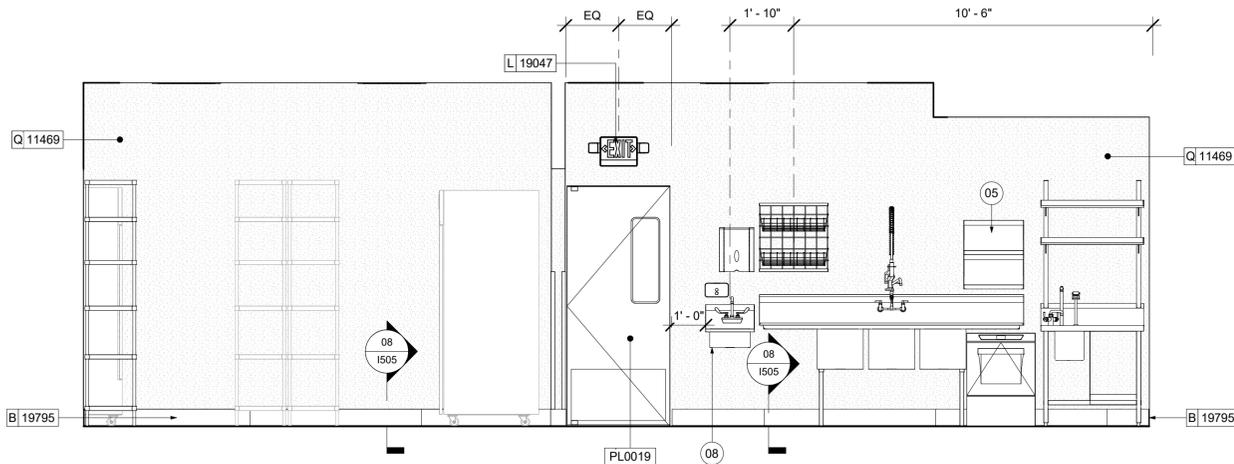
- 01 MANAGER'S DESK (SEE ENLARGED DETAILS).
- 02 ELECTRICAL PANELS (SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION).
- 03 PLACE FIRE EXTINGUISHER PER LOCAL FIRE CODE REQUIREMENTS. COORDINATE TYPE AND SIZE WITH LOCAL INSPECTOR.
- 04 EMERGENCY EXIT/LIGHT SIGNAGE COMBO, WALL MOUNTED.
- 05 IN-WALL WOOD BLOCKING. VERIFY BLOCKING LOCATION, EXTENTS AND BLOCKING WITH MANUFACTURER'S REQUIREMENTS.
- 08 MOP SINK.
- 09 WATER HEATER ABOVE.
- 10 CENTER MIRROR OVER LAVATORY. MOUNT AT 40" (1015MM) MAX. TO BOTTOM EDGE OF REFLECTIVE SURFACE.
- 11 CENTER SCONCE LIGHTING OVER MIRROR (SEE ELECTRICAL).

GENERAL NOTES

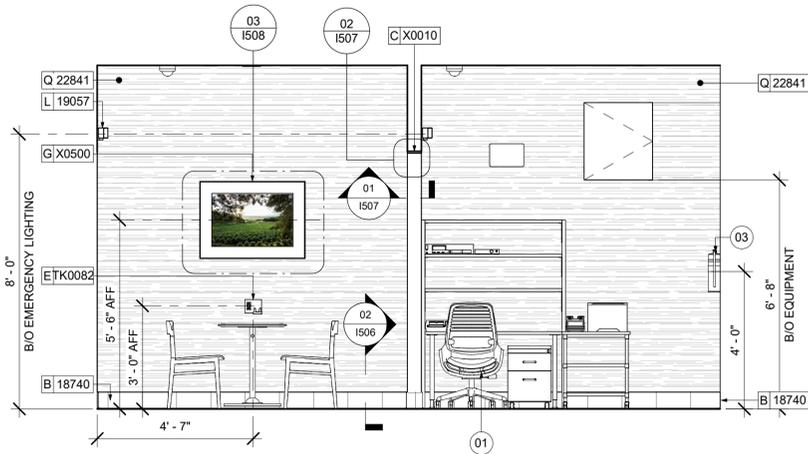
- A. FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I601.
- B. REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.
- C. CHANGE PAINT COLOR ONLY AT INSIDE CORNERS UNLESS OTHERWISE INDICATED.
- D. PAINT FINISHES 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" COVERED 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.
- N. CLASS A FIRE RETARDANT TREATMENT (PER ASTM E 84), OR PASSES NFPA 286 (DID: SPC006). CASEWORK VENDOR TO PROVIDE WOOD CLEAR SHERWIN WILLIAMS "CLASS A VARNISH SYSTEM" FLAMES SPREAD RETARDANT OR SIMILAR. APPLY PER MFR RECOMMENDATIONS ON ALL SIDES OF PANELS PRIOR TO SEALER. GC TO TEST PRIOR TO INSTALLATION.



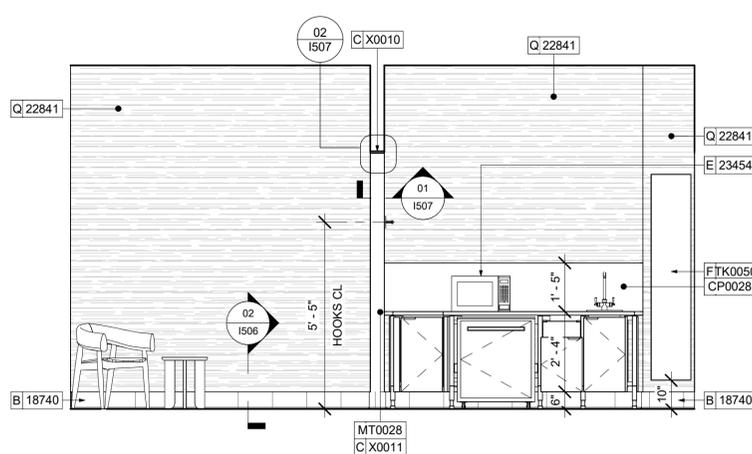
01 BOH TOWARDS MOP SINK
Scale: 3/8" = 1'-0"



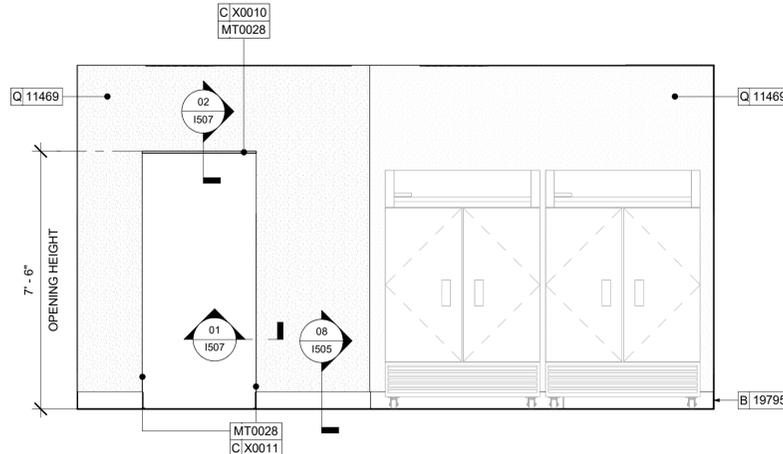
02 BOH TOWARDS STORAGE
Scale: 3/8" = 1'-0"



03 PARTNERS AREA & MANAGERS DESK
Scale: 3/8" = 1'-0"



04 PARTNERS AREA AT CASEWORK
Scale: 3/8" = 1'-0"



05 BOH TOWARDS PARTNERS AREA
Scale: 3/8" = 1'-0"



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DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
**RESTROOM PLAN &
ELEVATIONS**

SCALE: AS SHOWN

SHEET NUMBER:

1401

PERMIT SET - FOR CONSTRUCTION USE

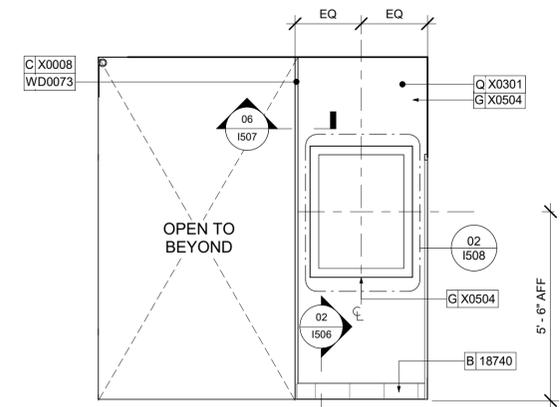
KEYED NOTES

- 01 67" (1700MM) ACCESSIBLE TURNING RADIUS.
- 02 30" (760MM) X 52" (1320MM) CLEAR FLOOR SPACE.
- 03 WATER CLOSET CLEAR FLOOR SPACE.
- 04 BABY CHANGING FIXTURE.
- 05 TILE START POINT. FULL TILE ABOVE BASE COVE. CENTER FULL TILE ON WALL (HORIZONTALLY).
- 07 CENTER MIRROR OVER LAVATORY. MOUNT AT 40" (1015MM) MAX. TO BOTTOM EDGE OF REFLECTIVE SURFACE.
- 09 CENTER SCONCE LIGHTING OVER MIRROR (SEE ELECTRICAL).
- 10 INSTALL HAND DRYER WITH BACK PANEL AS INDICATED.
- 11 IN-WALL WOOD BLOCKING. VERIFY BLOCKING LOCATION, EXTENTS AND BLOCKING WITH MANUFACTURER'S REQUIREMENTS.
- 12 INSTALL EMERGENCY LIGHT AS INDICATED.

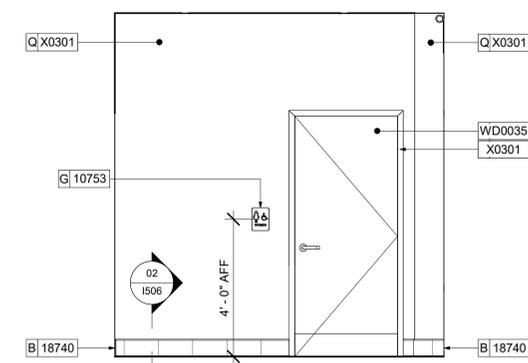
GENERAL NOTES

- 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.
- G. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL SENSORS AND CONTROLS.

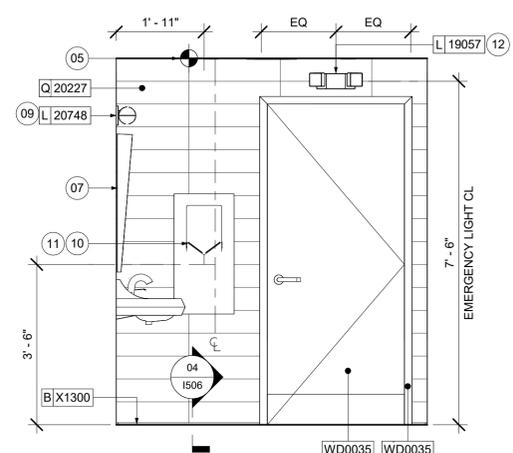
NOTE:
REFER SHEET G004.1 FOR ALL RESTROOM ACCESSORY MOUNTING HEIGHTS AND CLEARANCES.



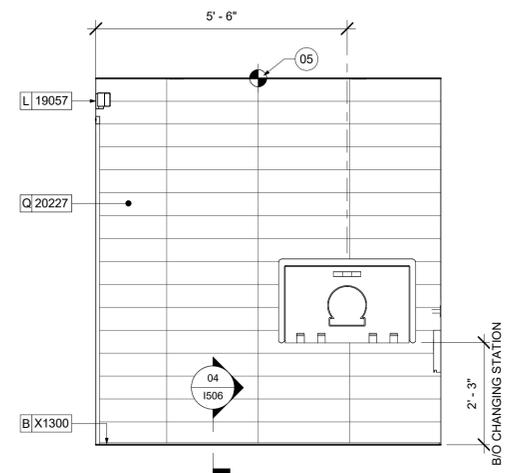
01 VESTIBULE ELEVATION TOWARDS CAFE
Scale: 3/8" = 1'-0"



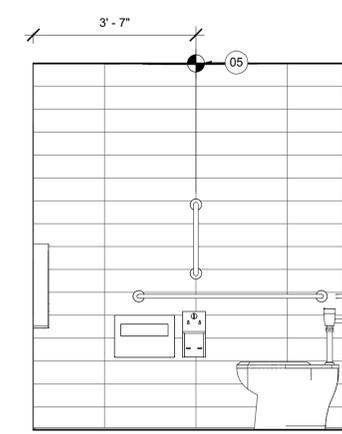
02 VESTIBULE ELEVATION TOWARDS RETROOMS
Scale: 3/8" = 1'-0"



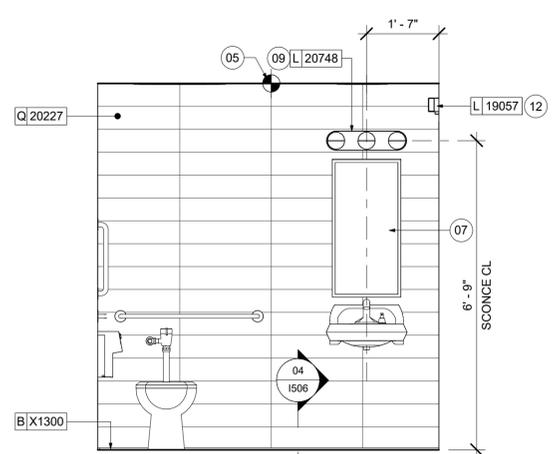
03 TYP. RR TOWARDS DOOR
Scale: 1/2" = 1'-0"



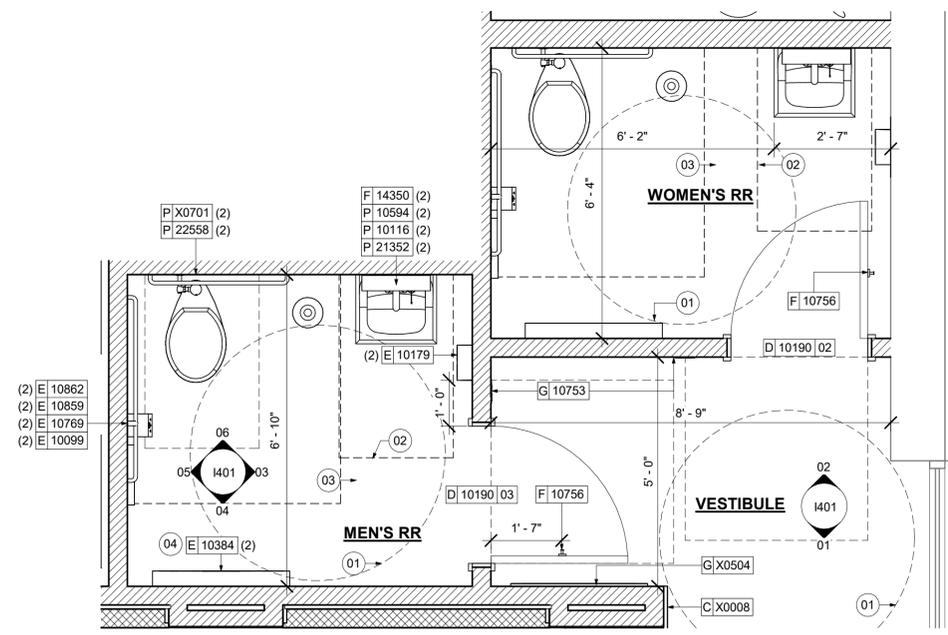
04 TYP. RR TOWARDS CHANGING STATION
Scale: 1/2" = 1'-0"



05 TYP. RR TOWARDS GRAB BARS
Scale: 1/2" = 1'-0"



06 TYP. RR TOWARDS SINK
Scale: 1/2" = 1'-0"



07 RESTROOMS ENLARGED PLAN
Scale: 1/2" = 1'-0"



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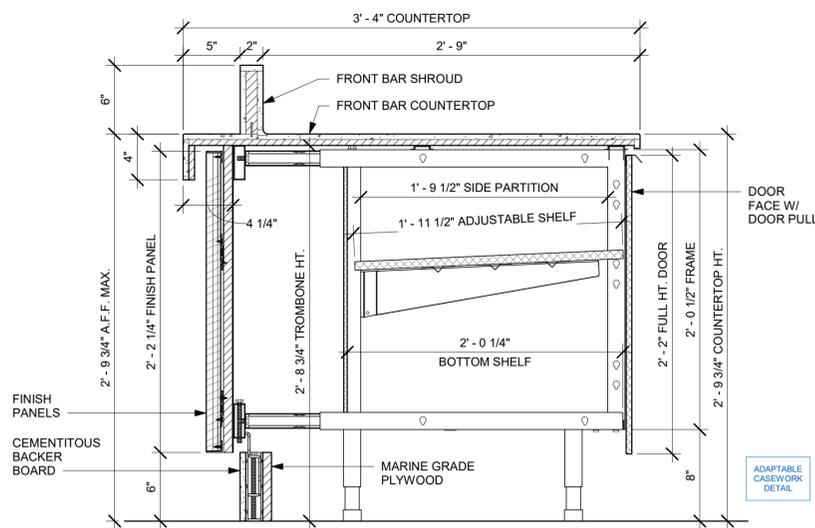
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
ADAPTABLE CASEWORK DETAILS
SCALE: AS SHOWN

SHEET NUMBER:

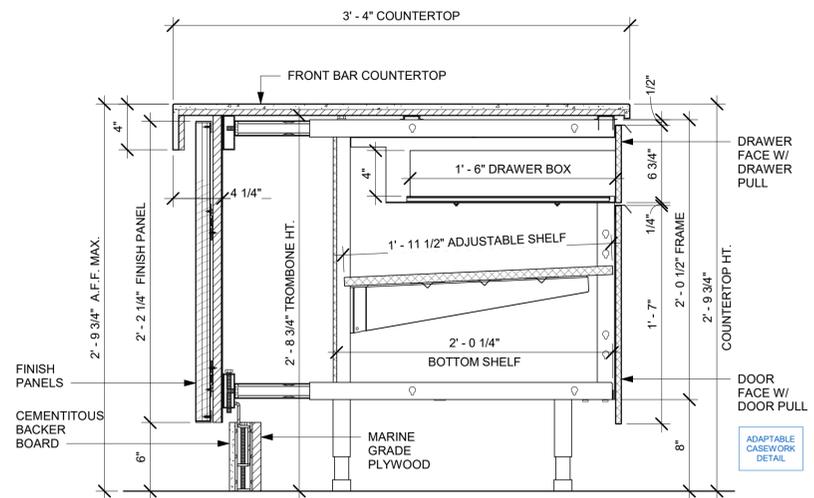
1501

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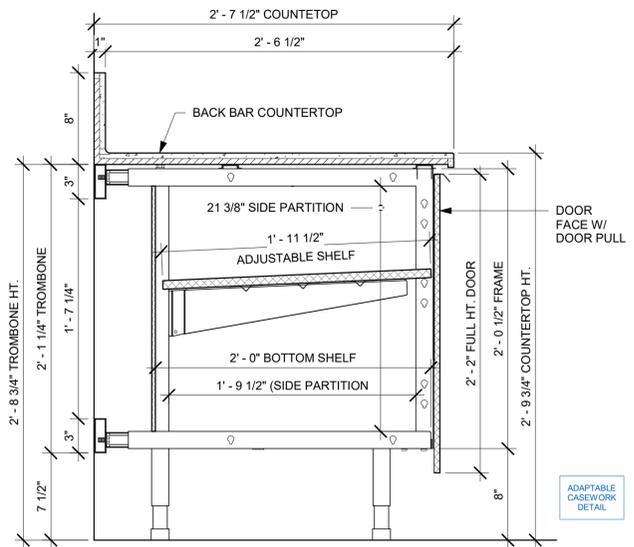
01 AC FRONT BAR CABINET ASSEMBLY ON LEGS SECTION

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



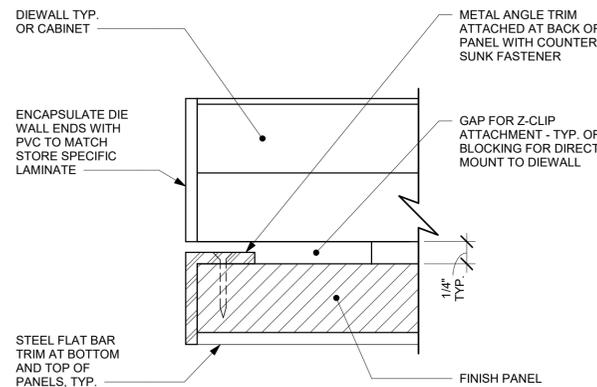
02 AC FRONT BAR DRAWER CABINET ASSEMBLY ON LEGS SECTION

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



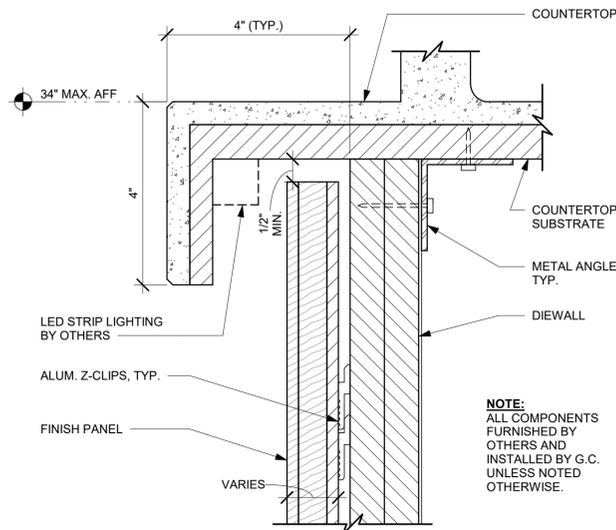
03 AC BACK BAR CABINET ASSEMBLY ON LEGS SECTION

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



04 TYPICAL DETAIL AT FINISH PANEL END - VERTICAL METAL TRIM

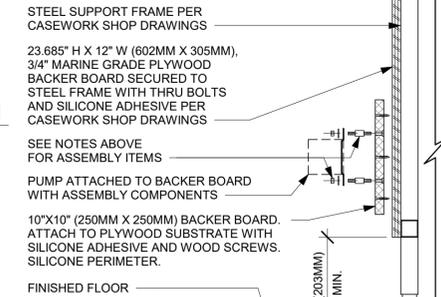
Scale: 12" = 1'-0"



08 FINISH PANEL - BUILT-UP COUNTERTOP OVERHANG

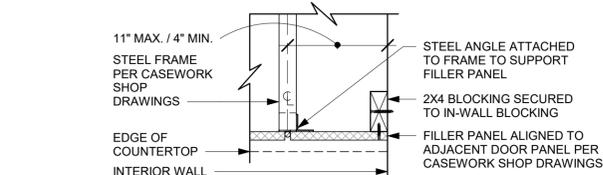
Scale: 6" = 1'-0"

- 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
(2) 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

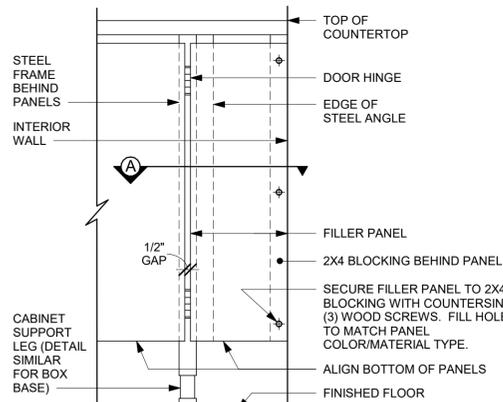


05 ESPRESSO PUMP MOUNTED AT CABINET

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



SECTION A

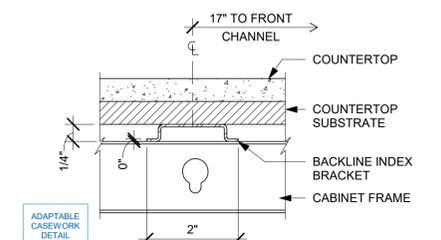


FRONT ELEVATION

ADAPTABLE CASEWORK DETAIL

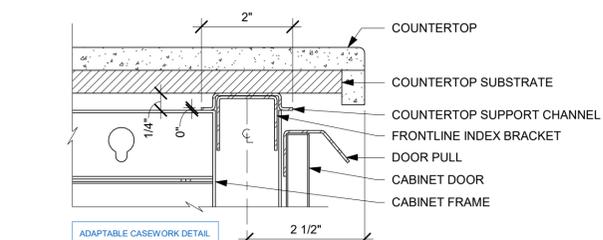
06 FILLER PANEL AT WALL

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



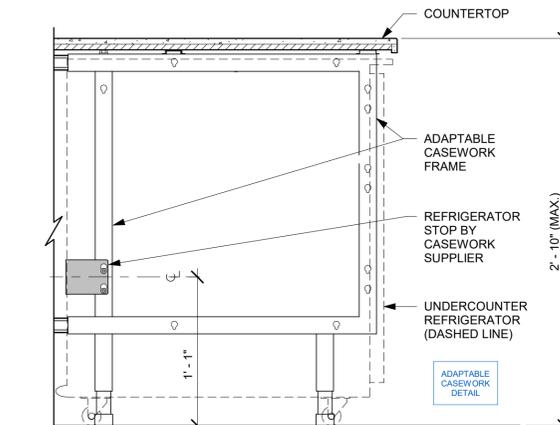
09 AC COUNTERTOP SUPPORT CHANNEL

Scale: 6" = 1'-0"



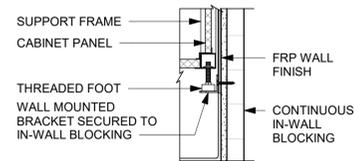
10 AC COUNTERTOP FRONT HAT SUPPORT CHANNEL

Scale: 6" = 1'-0"

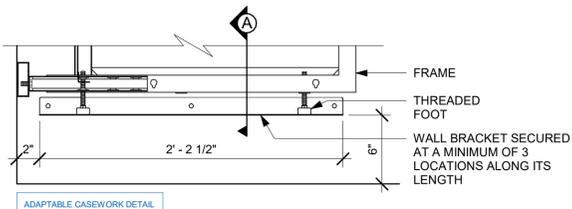


07 AC UNDERCOUNTER REFRIGERATOR SECTION

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



SECTION A



11 AC BACKLINE WALL BRACKET ASSEMBLY

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



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Rev	Date	By	Description

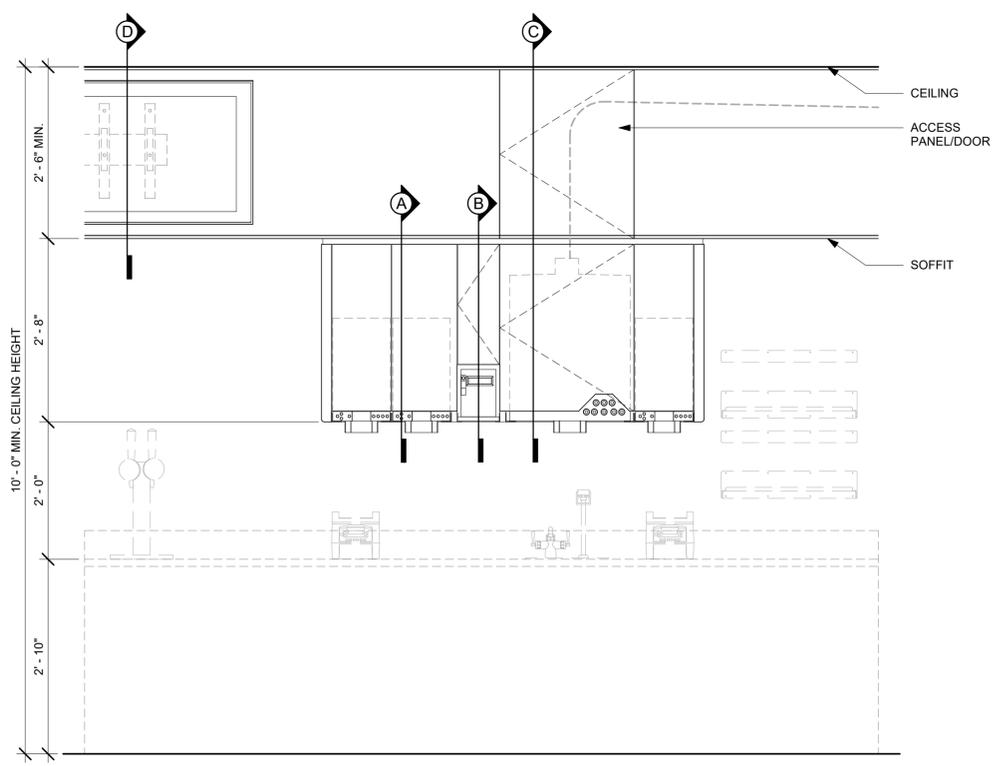
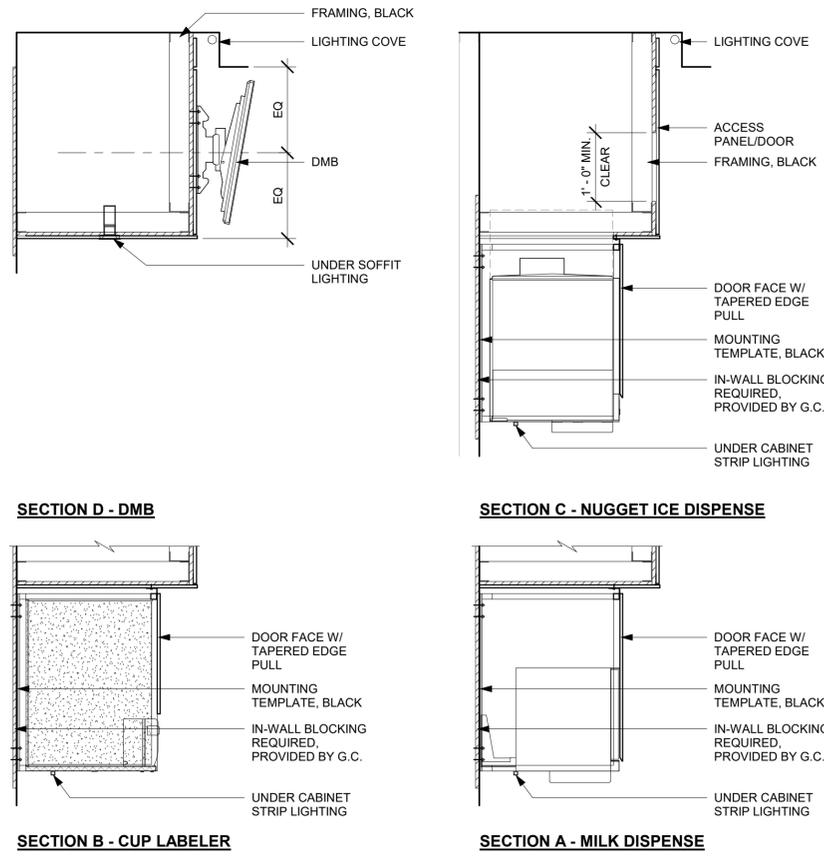
SHEET TITLE:
**ADAPTABLE CASEWORK
SECTIONS**

SCALE: AS SHOWN

SHEET NUMBER:

1501.1

PERMIT SET - FOR CONSTRUCTION USE



ELEVATION

NOTE:

- CEILING HEIGHT 10'-0" MIN.
- NUGGET ICE RIDE SYSTEM TO RUN IN STANDARD SOFFIT
- DMB TO BE MOUNTED ON FACE OF SOFFIT
- ACCESS PANEL TO BE SIZED TO AVOID CONFLICT WITH LIGHTING COVE

01 UPPER CABINET/SOFFIT ASSEMBLY - STANDARD
Scale: 3/4" = 1'-0"



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PROJECT NAME:
ALOMA AVE & TUSKAWILLA RD

PROJECT ADDRESS:
**3645 ALOMA AVENUE
OVIEDO, FL 32765**

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

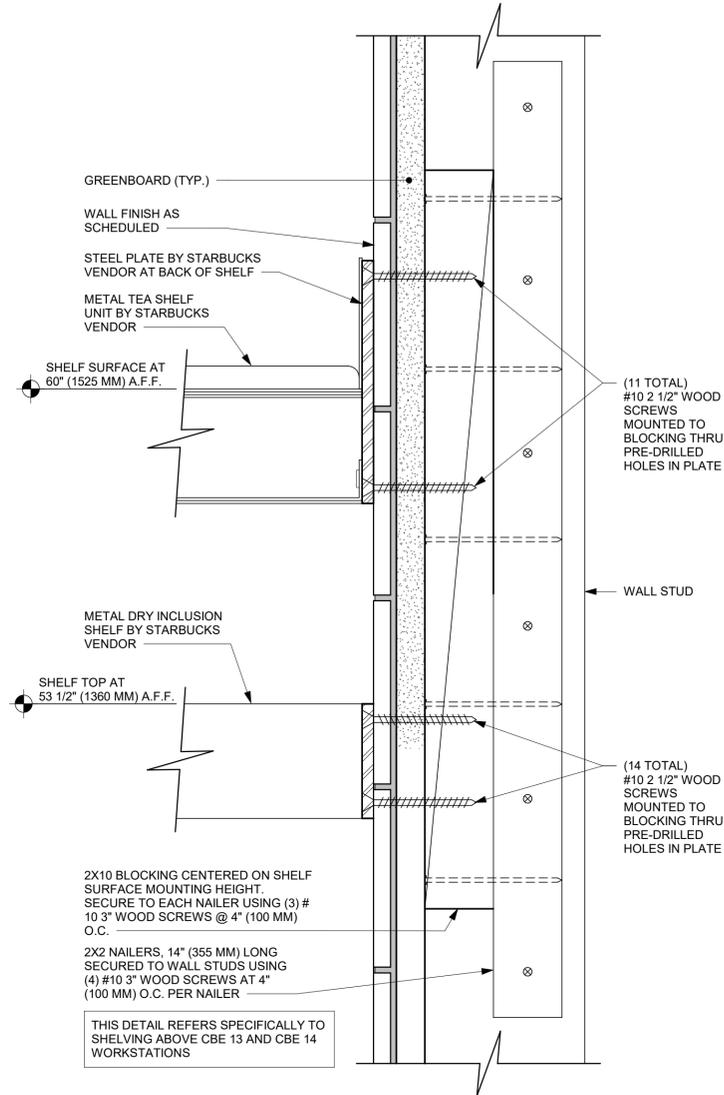
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
CASEWORK DETAILS

SCALE: AS SHOWN

SHEET NUMBER:

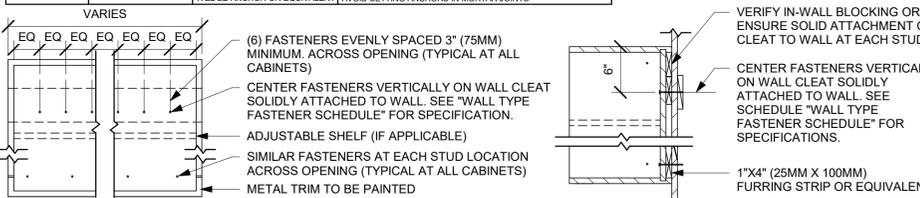
1502



WALL TYPE FASTENER SCHEDULE			
WALL TYPE	WALL BLOCKING	FASTENERS	NOTES
WOOD FRAME	X	#8 CT. X 1 1/4" (30MM) MTLWD OR EQUIVALENT	REFER TO BLOCKING REQUIREMENTS
METAL FRAME	X	#6 CT. X 1 1/4" (30MM) MTLWD 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

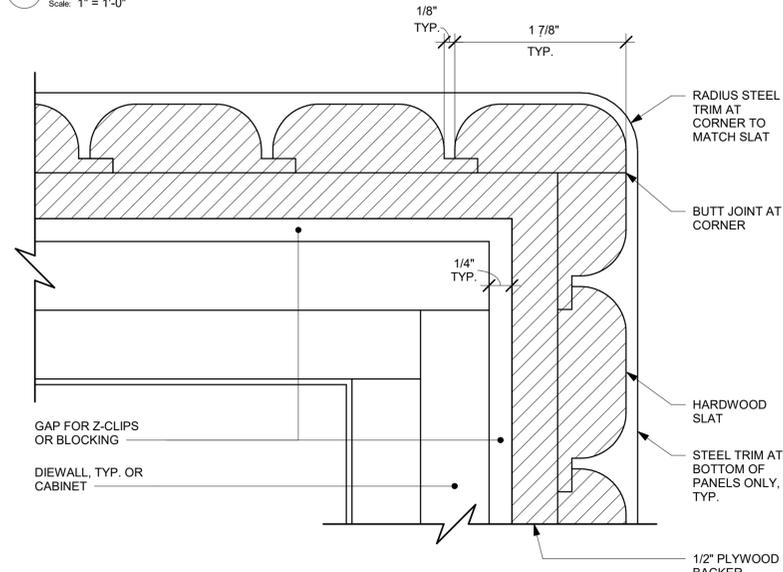
STUD WALL BLOCKING REQUIREMENTS:
WOOD STUD WALLS REQUIRE MIN. 2" X 6" (50MM X 150MM) WOOD BLOCKING SECURED FLUSH TO STUD FACE WITH (3) 10D NAILS (OR EQUIVALENT)

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)



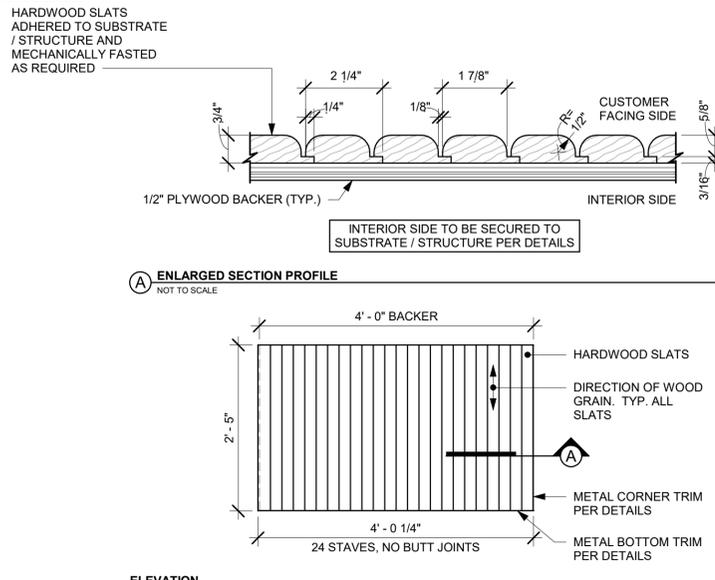
02 UPPER CABINET ATTACHMENT

Scale: 1" = 1'-0"



03 ALTERNATE CORNER DETAIL - ROUNDED VERTICAL SLATS

Scale: 12" = 1'-0"

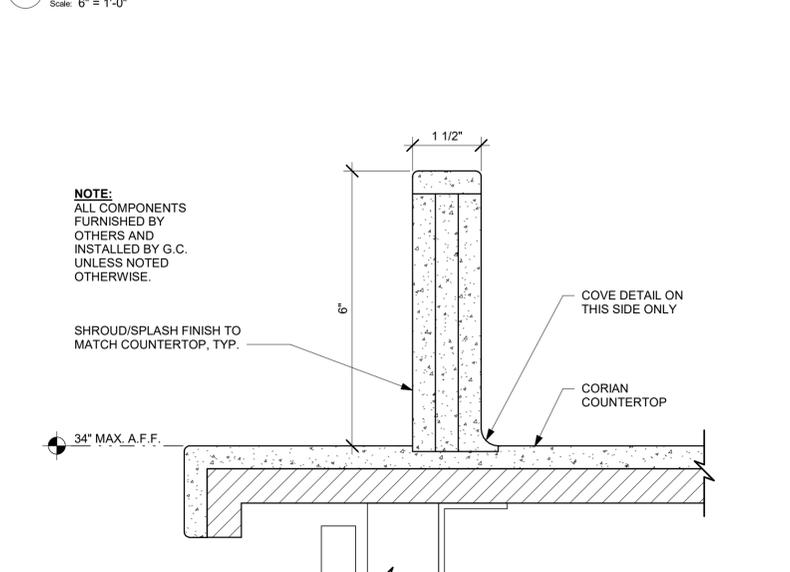


05 FINISH APPLICATION (MAD 200-V) ROUNDED SLAT W/ REVEAL

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

06 METAL TEA AND DRY INCLUSION SHELF WALL ATTACHMENT

Scale: 6" = 1'-0"



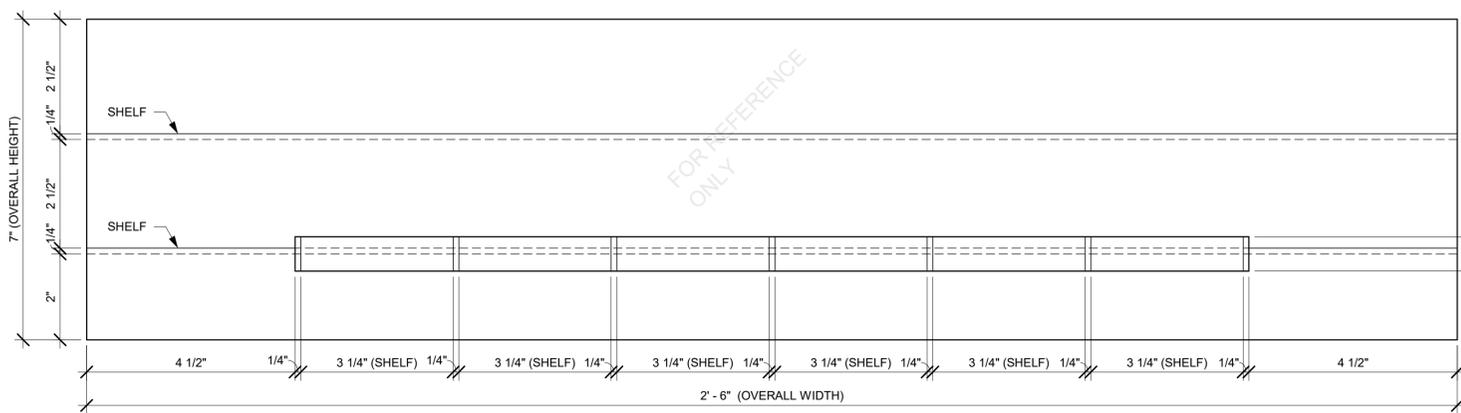
07 ESP SHROUD - CORIAN

Scale: 6" = 1'-0"

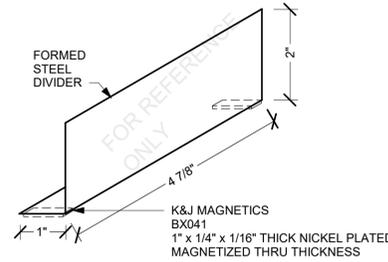
SBUX STANDARD DETAILS
REFER TO I102 FOR PLAN LOCATION



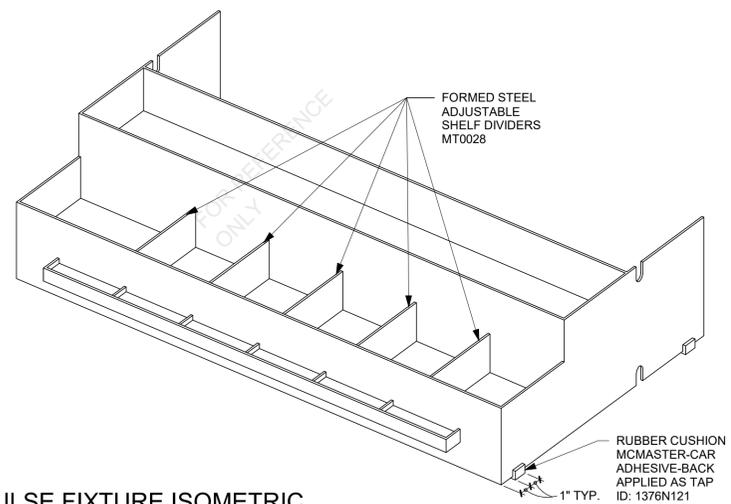
IMPULSE FIXTURE PLAN



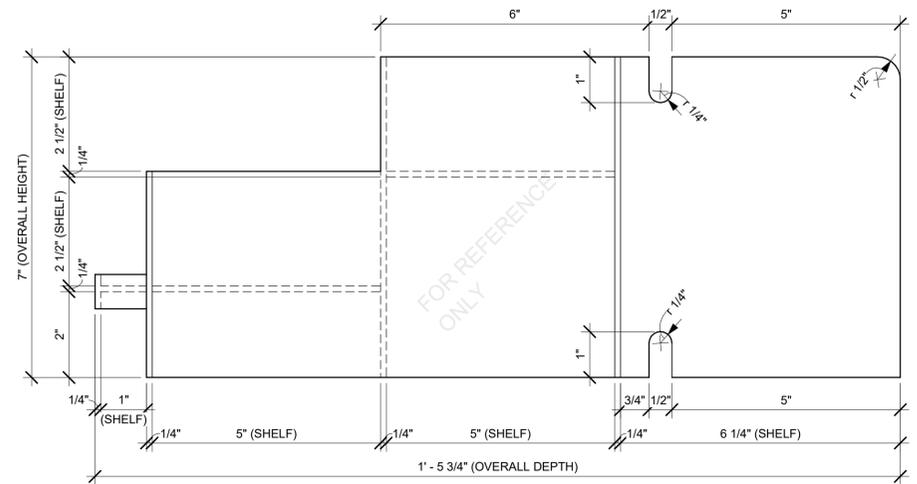
IMPULSE FIXTURE ELEVATION



TYPICAL ADJUSTABLE SHELF DIVIDER ISOMETRIC



IMPULSE FIXTURE ISOMETRIC



IMPULSE FIXTURE SECTION



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PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
**IMPULSE FIXTURE
DETAILS**
SCALE: AS SHOWN

SHEET NUMBER:
1503

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Rev	Date	By	Description

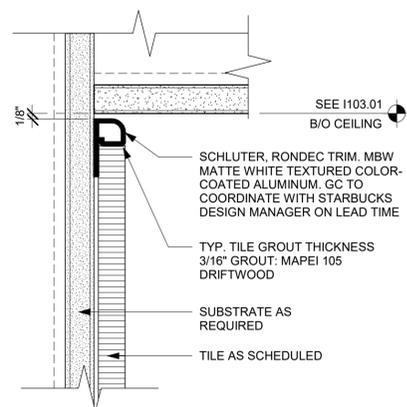
SHEET TITLE:
RCP DETAILS

SCALE: AS SHOWN

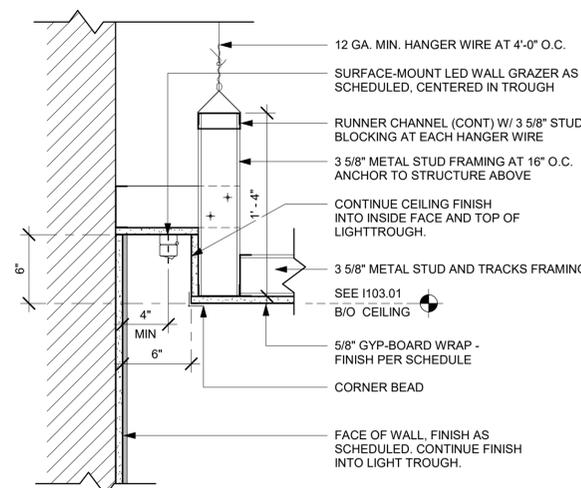
SHEET NUMBER:

1504

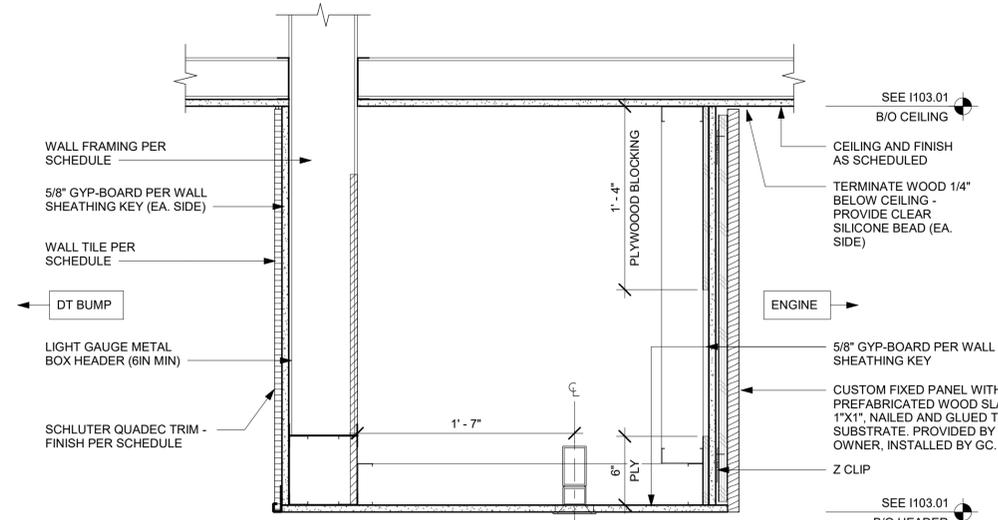
PERMIT SET - FOR CONSTRUCTION USE



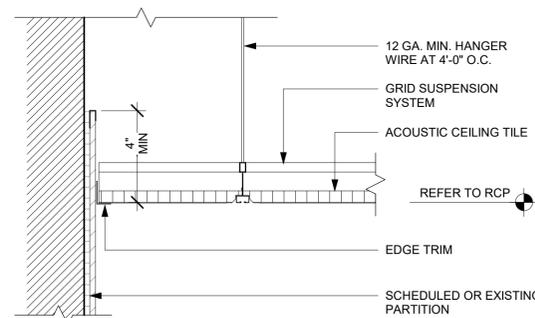
01 TILE TOP TRIM AT CEILING TRANSITION
Scale: 6" = 1'-0"



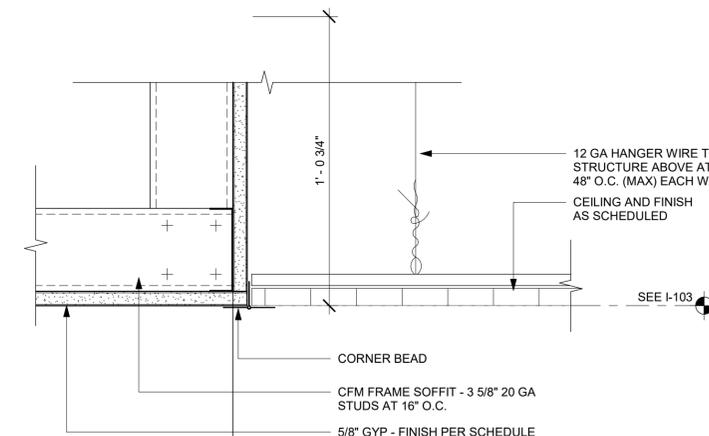
02 LIGHT COVE AT WALL
Scale: 1 1/2" = 1'-0"



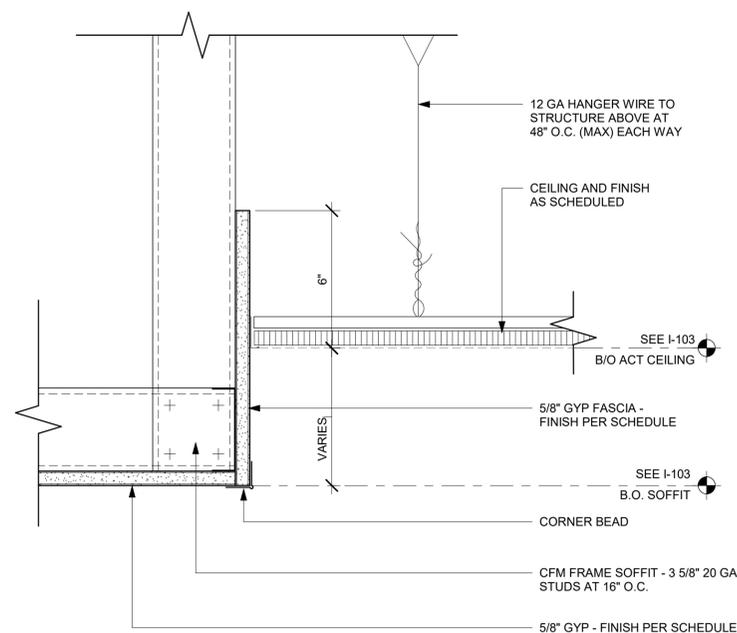
03 HEADER AT DT BUMP WITH UPPER CABINET
Scale: 1 1/2" = 1'-0"



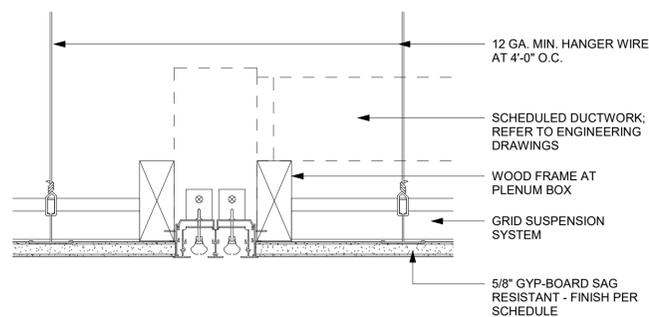
04 ACT CEILING AT FRP WALL
Scale: 3" = 1'-0"



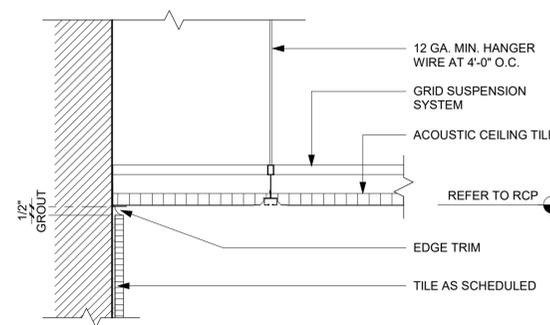
05 ACT CEILING TO GYP CEILING TRANSITION
Scale: 3" = 1'-0"



06 ACT CEILING TRANSITION AT CAFE
Scale: 3" = 1'-0"



07 LINEAR DIFFUSER @ GYPSUM
Scale: 3" = 1'-0"



08 ACT CEILING AT TILE WALL
Scale: 3" = 1'-0"



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Revision Schedule

Rev	Date	By	Description

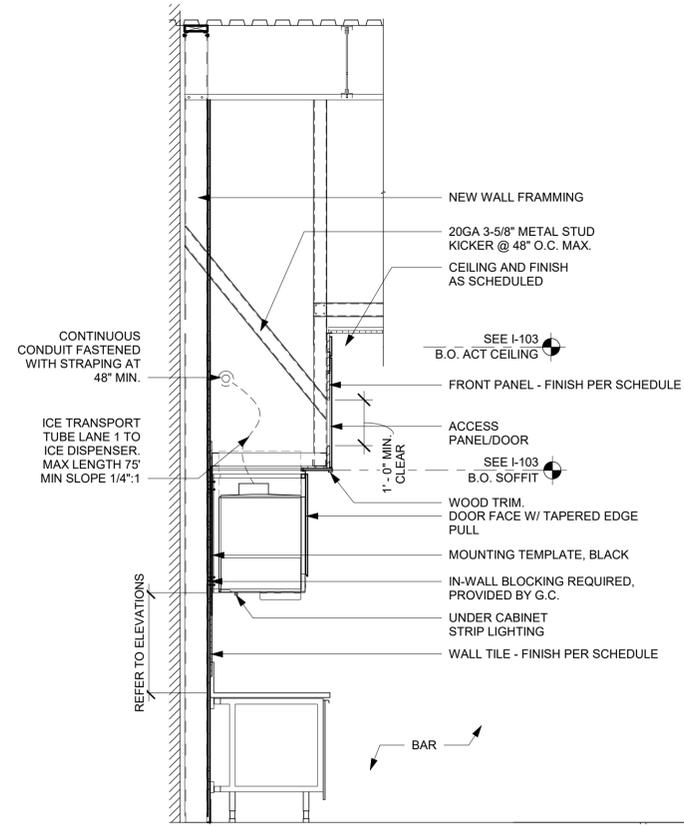
SHEET TITLE:
RCP DETAILS

SCALE: AS SHOWN

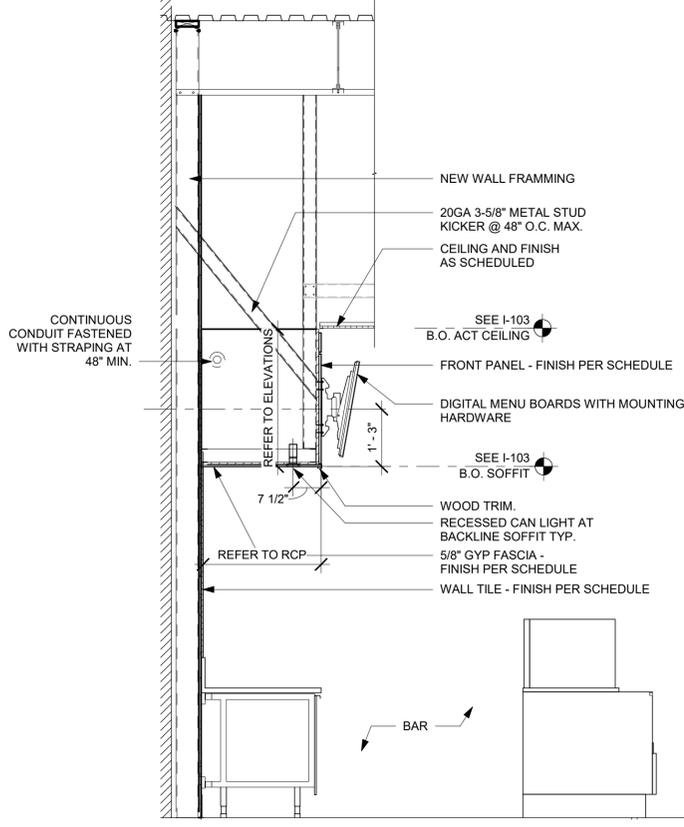
SHEET NUMBER:

1504.1

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01 UPPER CABINET AT SIREN SYSTEM
Scale: 1/2" = 1'-0"



02 UPPER CABINET AT MENU BOARDS
Scale: 1/2" = 1'-0"



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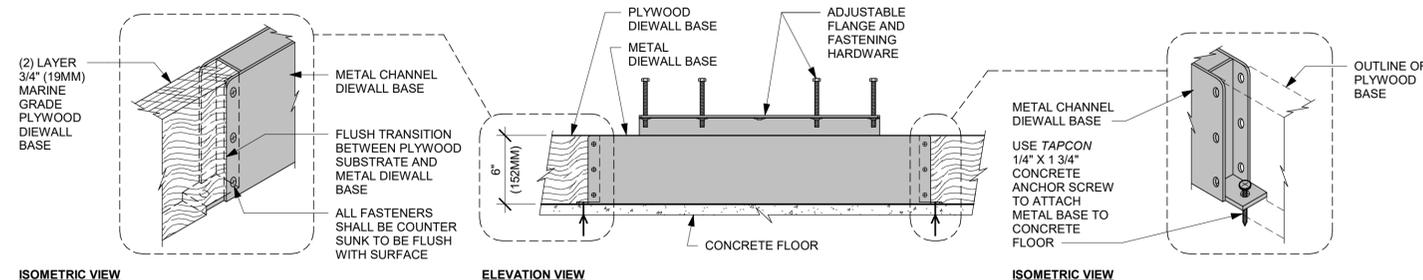
SHEET TITLE:
FLOOR FINISH DETAILS

SCALE: AS SHOWN

SHEET NUMBER:

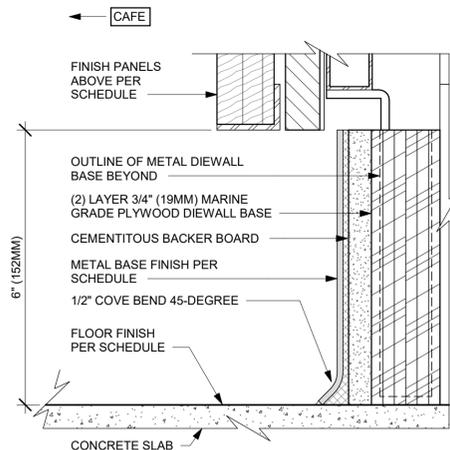
1505

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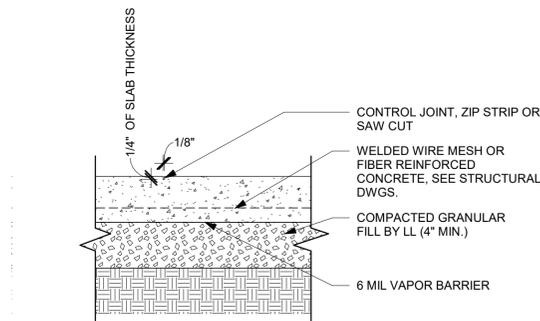
01 AC FRONT BAR DIEWALL METAL TO WOOD BASE TRANSITION

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



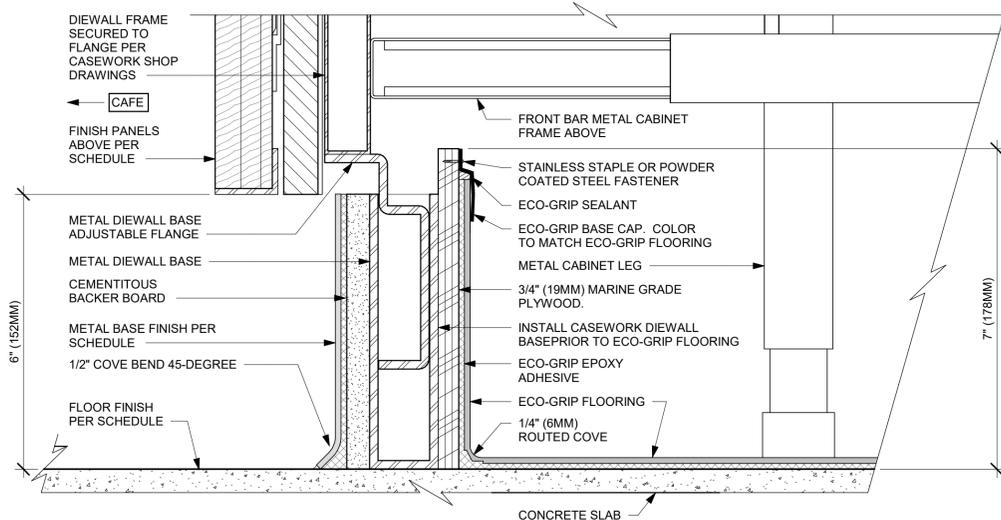
02 AC FRONT BAR CABINET PLYWOOD DIEWALL BASE

Scale: 6" = 1'-0"



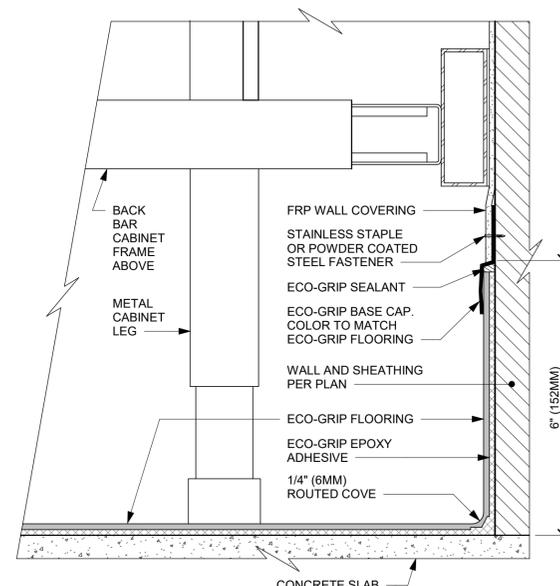
03 INTERIOR CONC. SLAB ON GRADE (TYP)

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



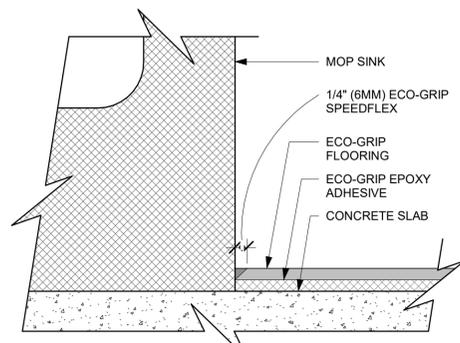
04 ECO-GRIP AC FRONT BAR CABINET ON LEGS

Scale: 6" = 1'-0"



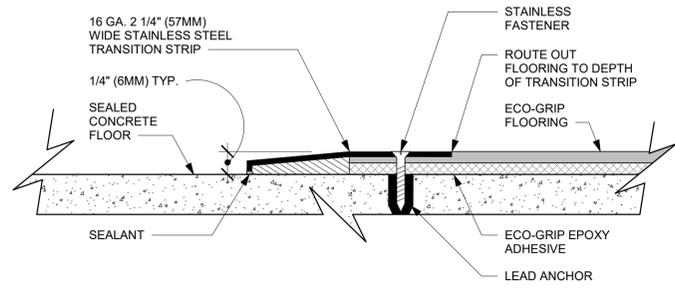
05 ECO-GRIP AC BACK BAR CABINET ON LEGS

Scale: 6" = 1'-0"



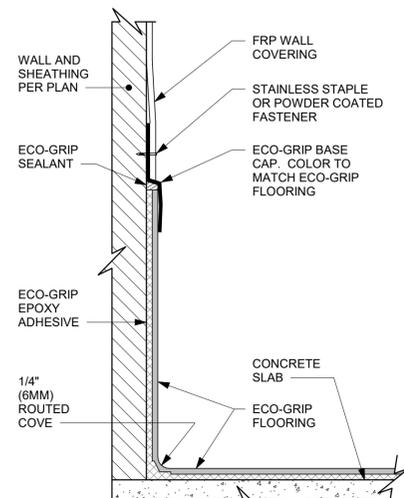
06 ECO-GRIP AT MOP SINK

Scale: 12" = 1'-0"



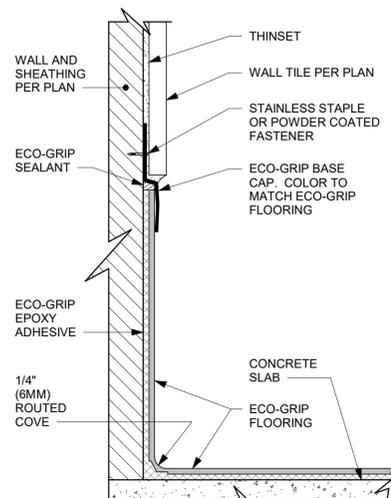
07 ECO-GRIP TO CONCRETE TRANSITION

Scale: 12" = 1'-0"



08 ECO-GRIP BASE CAP WITH FRP

Scale: 6" = 1'-0"



09 ECO-GRIP BASE CAP WITH TILED WALL

Scale: 6" = 1'-0"



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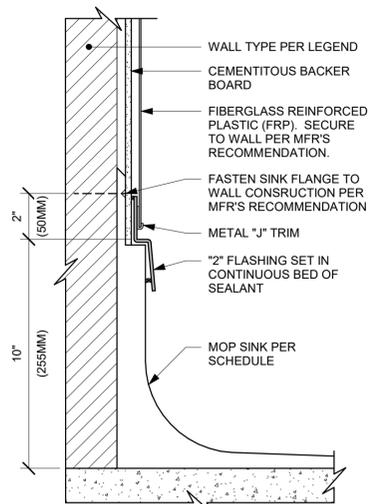
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
FLOOR FINISH DETAILS

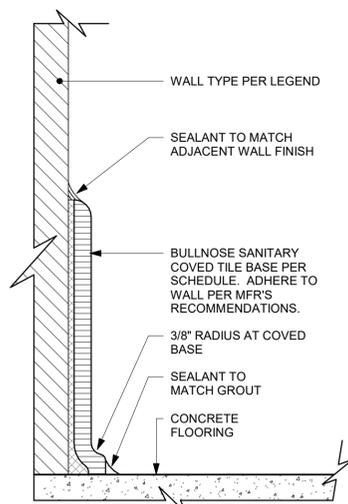
SCALE: AS SHOWN

SHEET NUMBER:
1506

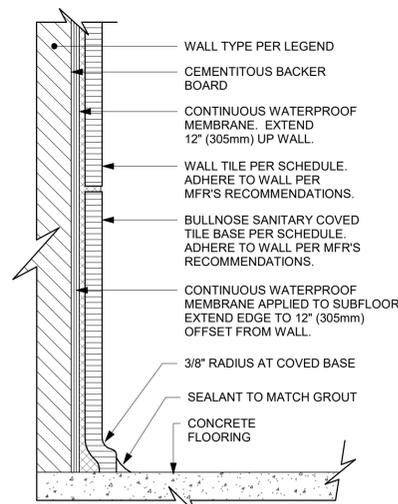
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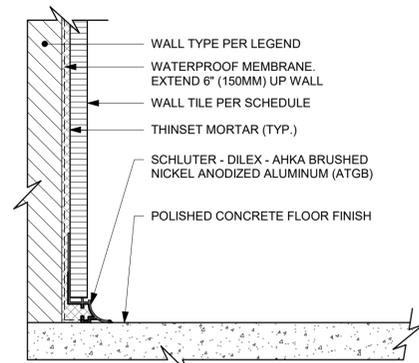
01 MOP SINK WITH FLANGE
Scale: 3" = 1'-0"



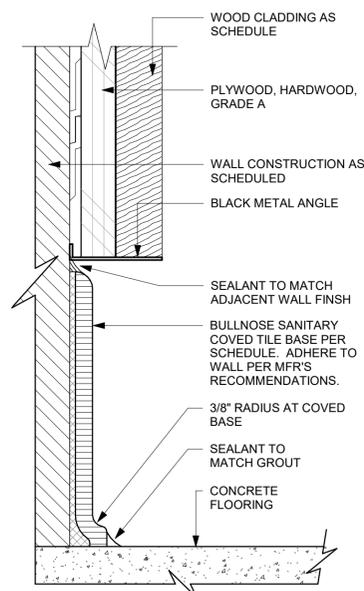
02 TILE BASE AT WALL
Scale: 6" = 1'-0"



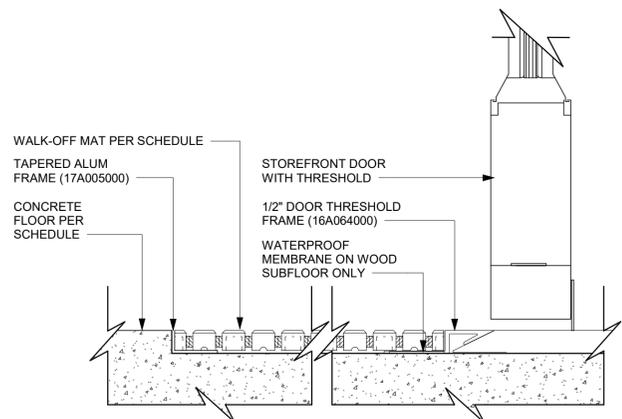
03 INTEGRAL TILE BASE AT TILED WALL
Scale: 6" = 1'-0"



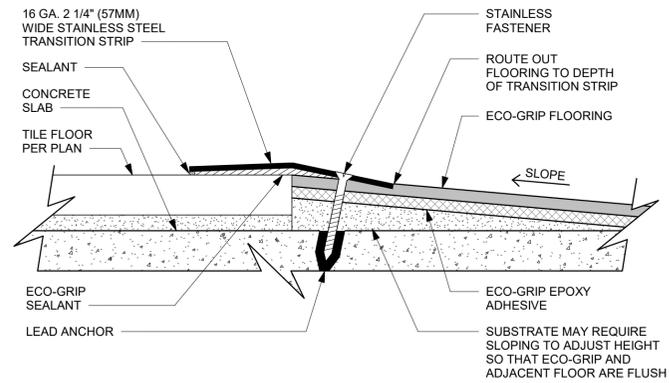
04 WALL TILE TO CONCRETE FLOOR TRANSITION
Scale: 6" = 1'-0"



05 TOP SET - TILE BASE AT WOOD WALL
Scale: 6" = 1'-0"



06 WALK OFF MAT - HELIX
Scale: 6" = 1'-0"



07 ECO-GRIP TO TILE TRANSITION AT FOOT TRAFFIC AREA
Scale: 12" = 1'-0"



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STARBUCKS TEMPLATE VERSION: i2023.01.30

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PROJECT NAME:
ALOMA AVE & TUSKAWILLA RD

PROJECT ADDRESS:
3645 ALOMA AVENUE OVIEDO, FL 32765

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER: LUCAS ALVAREZ -T.
PRODUCTION DESIGNER: GENSLER
CHECKED BY: GENSLER

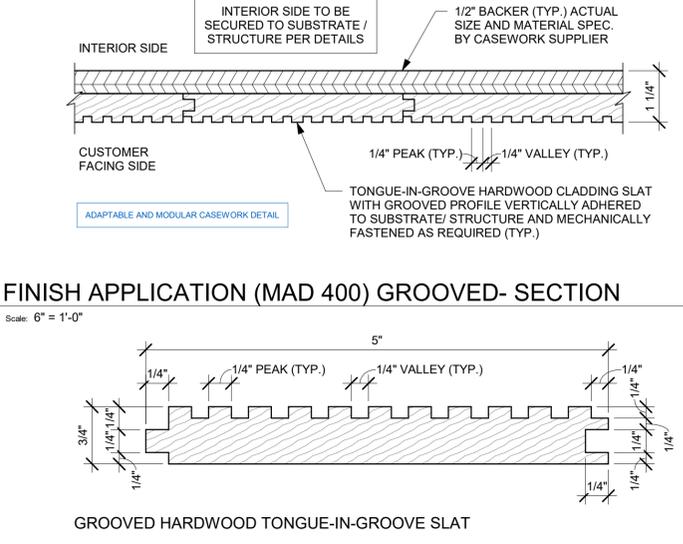
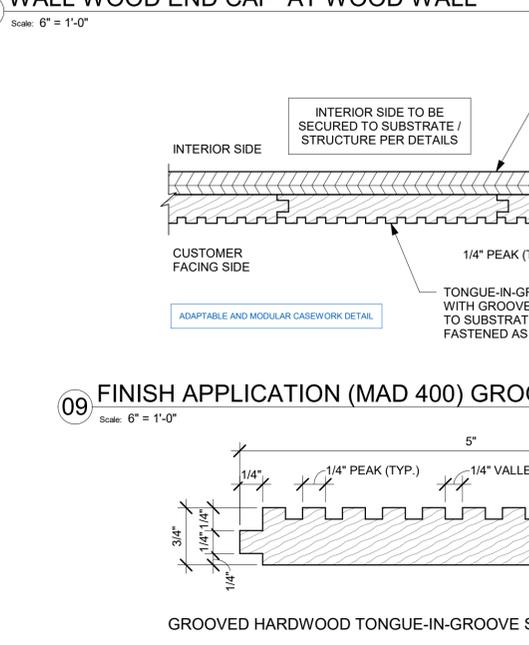
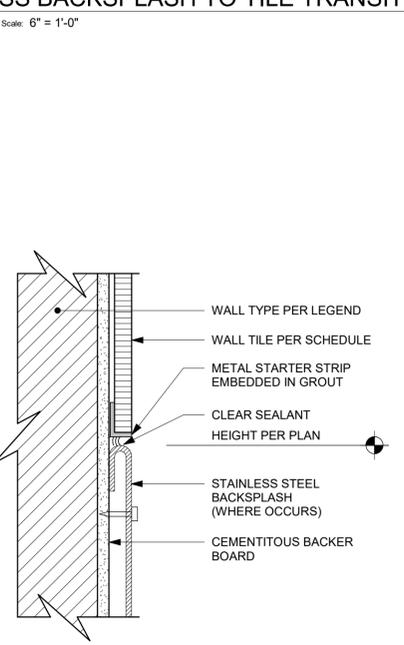
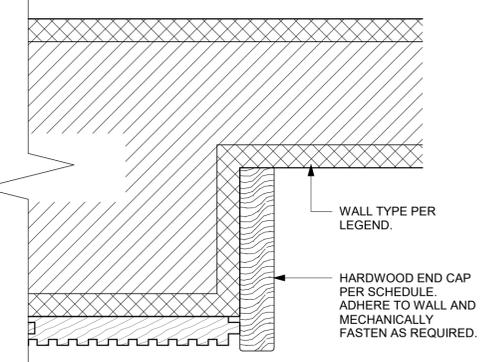
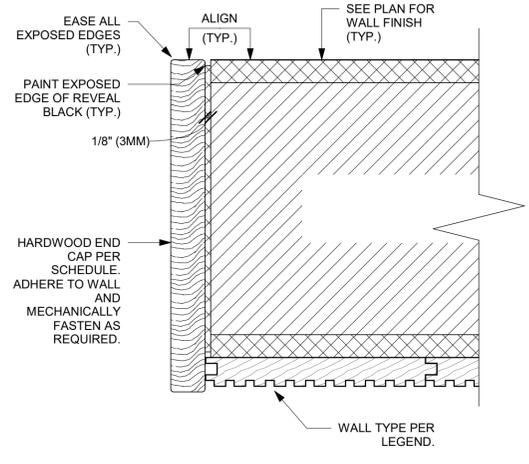
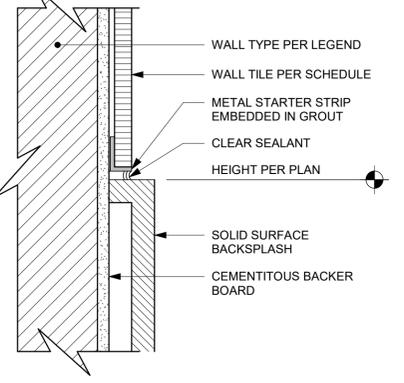
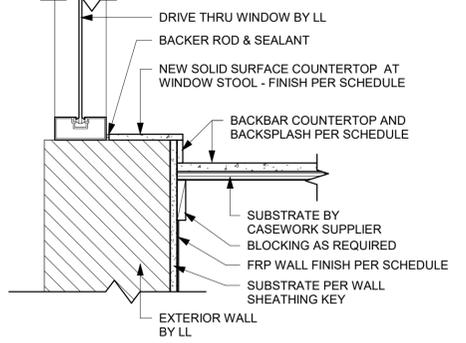
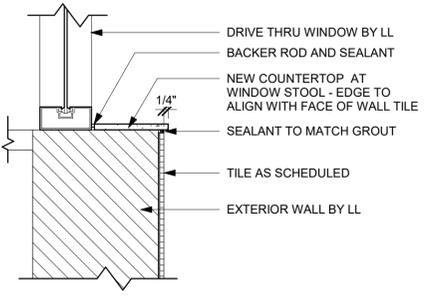
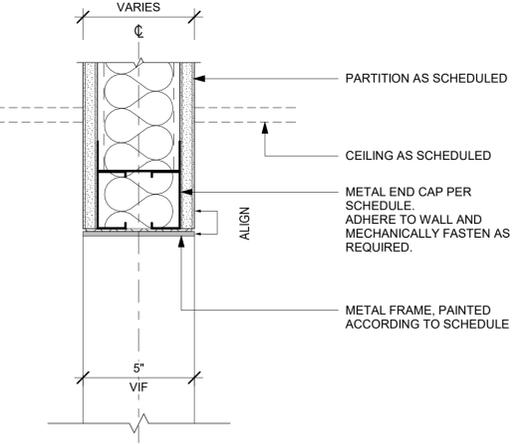
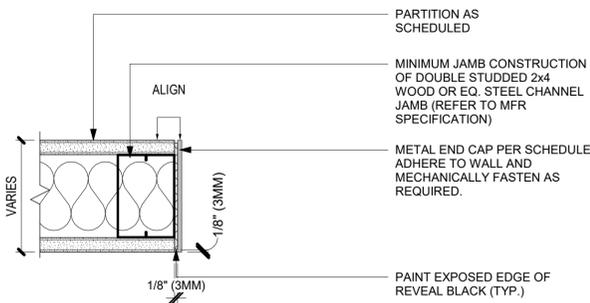
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
WALL FINISH DETAILS

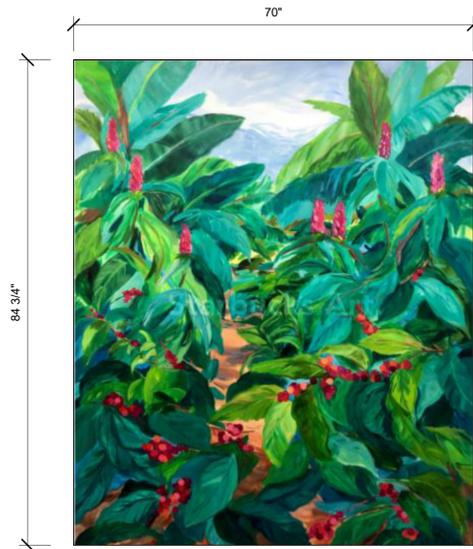
SCALE: AS SHOWN

SHEET NUMBER:
1507

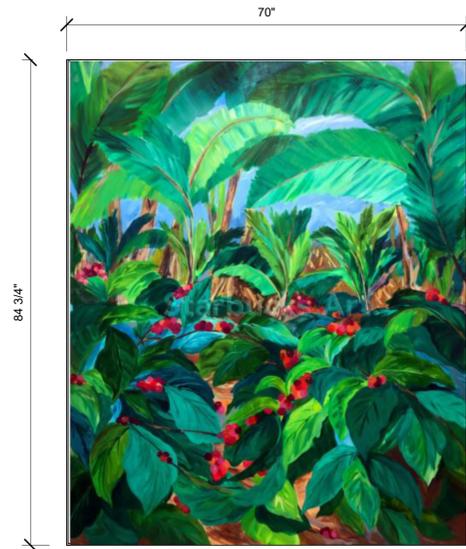
PERMIT SET - FOR CONSTRUCTION USE



GRAPHICS AND ARTWORK SCHEDULE - "G"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
GRAPHICS - ARTWORK					
X0500	1	SBXART_22112 FRAMED AND MATTED 1" FRAME 4" MAT. SIZE: 27" X 37"	SB	GC	SEE INTERIOR ELEVATIONS
X0501	1	SBXART_22887 ARTWORK PRINTED ON WALLCOVERING. WALLCOVERING TYPE 2.	SB	GC	SEE INTERIOR ELEVATIONS
X0502	1	SBXART_22886 ARTWORK PRINTED ON WALLCOVERING. WALLCOVERING TYPE 2.	SB	GC	SEE INTERIOR ELEVATIONS
X0503	1	SBXART_22888 ARTWORK PRINTED ON WALLCOVERING. WALLCOVERING TYPE 2.	SB	GC	SEE INTERIOR ELEVATIONS
GRAPHICS - OTHER					
Z3136	1	AUTOMATIC DOOR CAUTION SIGNAGE	SB	GC	
X0504	1	COMMUNITY BOARD MAGNETIC MED WARM BROWN WD0004 - 46X36IN 1170X915MM			
X0802	2	ADA COMPLIANT HANDICAP ACCESSIBLE SIGN WITH BRAILLE - 6X9IN 152X228MM	GC	GC	FRAMELESS WITH SQUARE CORNERS, FINISH: BLACK WITH SILVER LETTERING. MOUNTING: 3M CLEAR TAPE FOR GLASS & SMOOTH FINISHES OR FOAM TAPE FOR SOLID SURFACES. REFER TO DETAIL ON SHEET G004.
MIRROR					
14350	2	MIRROR - RESTROOM ANGLED - 18X36IN 455X915MM	SB	GC	
TK0050	1	MIRROR - BOH	SB	GC	
SIGNAGE - OTHER					
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC	
23376	1	SIGN - PICK UP SINGLE SIDED ILLUM INTERIOR SUSPENDED FIXED	SB	GC	



X0501
DID: 22887
TITLE: LUSH COLOMBIA 2

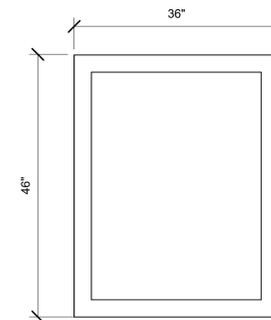


X0502
DID: 22886
TITLE: LUSH COLOMBIA 1



X0503
DID: 22888
TITLE: LUSH COLOMBIA 3

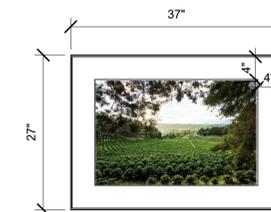
01 X0500 - X0501 - X0503
Scale: 3/4" = 1'-0"



X0504
NAME: COMMUNITY BOARD

FRAMED
OVERALL SIZE: 36"W X 46"H
FRAME TYPE: FRAME 1C, NATURAL MAPLE
FRAME, WITH METAL EDGING & INSET
MAGNETIC CHALKBOARD

02 X0504
Scale: 3/4" = 1'-0"



X0500
DID: 22112
NAME: COSTA RICA 22
ARTIST: JOSHUA TRUJILLO

FRAMED & MATTED
OVERALL SIZE: 37"W X 27"H
FRAME TYPE: FRAME 1C, MAT 1, PAPER 1.
MAT SIZE: 4"

03 X0500
Scale: 3/4" = 1'-0"



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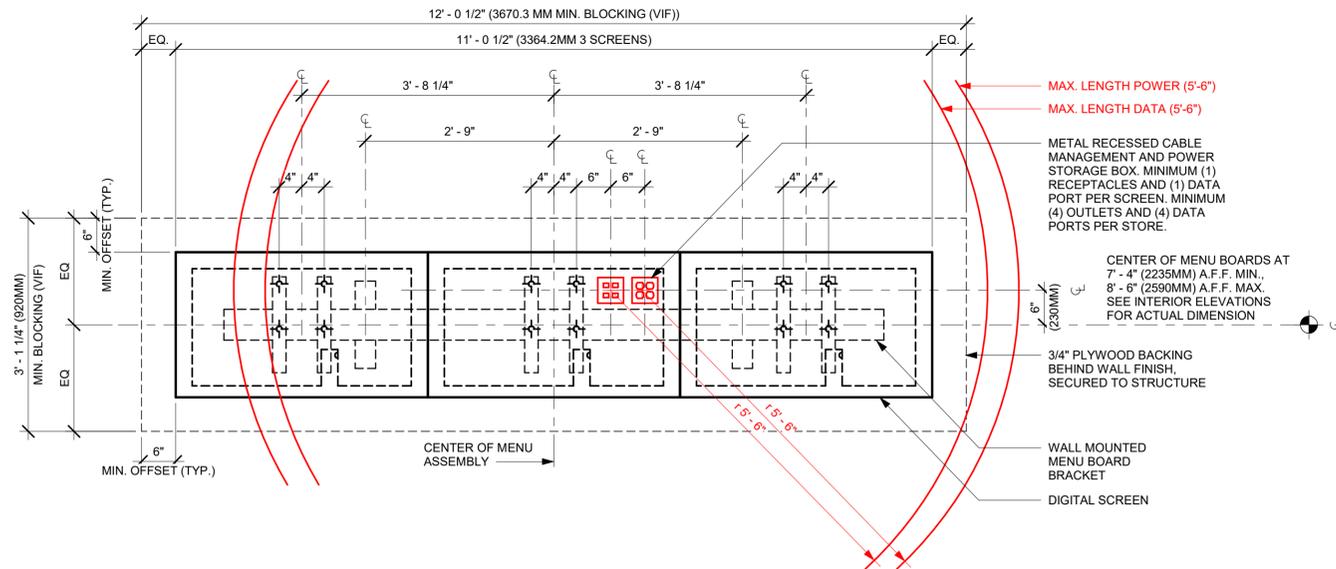
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
ARTWORK DETAILS

SCALE: AS SHOWN

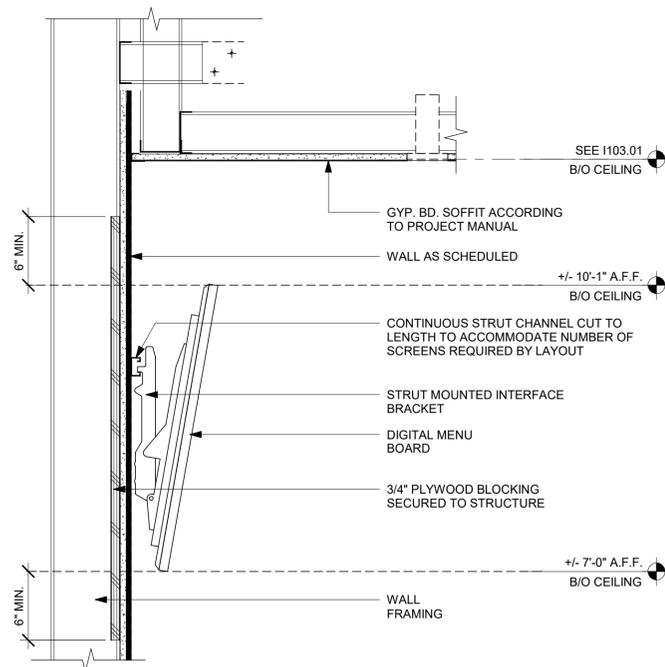
SHEET NUMBER:
1508

PERMIT SET - FOR CONSTRUCTION USE



01 DIGITAL MENU BOARDS - STANDARD MOUNT

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



02 MENU BOARDS - SECTION

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

PERMIT SET - FOR CONSTRUCTION USE



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 CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
MENU & SIGNAGE DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
1509

CASEWORK SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CABINET					
17747	1	CABINET - BACKBAR TRASH - 15IN 380MM	SB	GC	
19281	2	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC	
21890	36	CABINET - SIDE PANEL	SB	GC	
21891	17	CABINET - BOTTOM SHELF - 15IN 380MM	SB	GC	
21892	14	CABINET - BACK PANEL - 15IN 380MM	SB	GC	
21893	10	CABINET - ADJUSTABLE SHELF - 15IN 380MM	SB	GC	
21894	15	CABINET - DOOR - 15IN 380MM	SB	GC	
21895	7	CABINET - DOOR TRASH - 15IN 380MM	SB	GC	
21896	2	CABINET - DRAWER - 15IN 380MM	SB	GC	
21898	1	CABINET - BOTTOM SHELF - 18IN 455MM	SB	GC	
21899	1	CABINET - BACK PANEL - 18IN 455MM	SB	GC	
21901	1	CABINET - DOOR - 18IN 455MM	SB	GC	
21902	5	CABINET - BOTTOM SHELF - 30IN 760MM	SB	GC	
21903	2	CABINET - BACK PANEL - 30IN 760MM	SB	GC	
21904	8	CABINET - ADJUSTABLE SHELF - 30IN 760MM	SB	GC	
21905	2	CABINET - DOOR - 30IN 760MM	SB	GC	
21906	2	CABINET - END CAP FRONTBAR	SB	GC	
21907	9	CABINET - END CAP BACKBAR	SB	GC	
21908	6	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	3	CABINET - EQUIPMENT MOUNTING PANEL	SB	GC	
22749	1	CABINET - ESPRESSO PUMP MOUNT PANEL	SB	GC	
23385	1	CABINET - BOTTOM SHELF - 9IN 230MM	SB	GC	
23387	2	CABINET - SOFFIT - VARIABLE LENGTH	SB	GC	
23391	1	CABINET - CBE ICE DISPENSE BRACKET	SB	GC	
23392	1	CABINET - CBE ICE DISPENSE DOOR - 24IN 610MM	SB	GC	
23393	3	CABINET - CBE MILK DISPENSE BRACKET SLIDE	SB	GC	
23394	2	CABINET - CBE MILK DISPENSE DOOR - 10IN 255MM	SB	GC	
23395	1	CABINET - CBE MILK DISPENSE DOOR - 11IN 280MM	SB	GC	
23426	1	CABINET - WRM LOW - 30IN 760MM	SB	GC	
CAFE					
20132	1	CONDIMENT WASTE AND RECYCLING CART THREE DROP - WHITE OAK AND BLACK WD0073 CP0005	SB	GC	
20384	1	FREESTANDING STAIRSTEP 2 UNIT SHORT - LH - 72IN 1830MM - WHITE OAK WD0073	SB	GC	
X0008	1	WOOD TRIM - 10IN 254MM X 1IN 25MM - WHITE OAK WD0073	SB	GC	GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/VD ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR.
X0011	7	DECORATIVE METAL TRIM - 3IN 76MM (VIF) 2IN 50MM	SB	GC	MATERIAL: ALUMINIUM. FINISH: MT0028. GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/VD ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR.
X0012	3	WOOD TRIM - 2IN 50.8MM X 1IN 25MM - WHITE OAK WD0073	SB	GC	GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/VD ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR.
X0013	7	WOOD TRIM - 3IN 76.2MM X 1IN 25MM - WHITE OAK WD0073	SB	GC	GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/VD ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR.
X0014	3	WOOD TRIM - 2IN 50.8MM X 1IN 25MM - WHITE OAK WD0073	SB	GC	GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/VD ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR.
COUNTERTOP					
17828	2	COUNTERTOP - BACKSPLASH - VARIABLE LENGTH	SB	GC	
21918	2	COUNTERTOP - FILLER FRONTBAR - VARIABLE LENGTH	SB	GC	
21919	26	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	
21923	3	COUNTERTOP - END CAP FRONTBAR	SB	GC	
21925	5	COUNTERTOP - BACKBAR - 15IN 380MM	SB	GC	
21927	1	COUNTERTOP - BACKBAR - 30IN 760MM	SB	GC	
21928	13	COUNTERTOP - END CAP BACKBAR	SB	GC	
22328	1	COUNTERTOP - BREW - LF - 90IN 2285MM	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	SB	GC	
22385	1	COUNTERTOP - WARMING WITH RACK - RF - 110IN 2795MM	SB	GC	
22391	1	COUNTERTOP - CONSOLIDATED HANDOFF - 61IN 1550MM	SB	GC	
22395	2	COUNTERTOP - HAND SINK LOW SPLASH - 15IN 380MM	SB	GC	
22396	1	COUNTERTOP - HAND SINK TALL SPLASH - 15IN 380MM	SB	GC	
23151	1	COUNTERTOP - PARTNER AMENITY - 67IN 1700MM	SB	GC	
23403	1	COUNTERTOP - CBE IN-LINE RF - 139IN 3530MM	SB	GC	
23433	1	COUNTERTOP - WRM RF - 79IN 1930MM	SB	GC	
X0001	1	COUNTERTOP - ESPRESSO BACKBAR - LF - 69IN 1755MM	SB	GC	
X0003	2	COUNTERTOP - DT LEDGE	SB	GC	FINISH: COMPOSITE BRUSHED WARM GREY (DID CP0001)
DIEWALL					
21885	21	DIEWALL - FRAMING - VARIABLE LENGTH	SB	GC	
21886	7	DIEWALL - BASE - VARIABLE LENGTH	SB	GC	
21887	11	DIEWALL - SUBSTRATE PANEL - VARIABLE LENGTH	SB	GC	
21888	61	DIEWALL - SUPPORT LEG	SB	GC	
23412	1	DIEWALL - FRAMING UPPER - VARIABLE LENGTH	SB	GC	
23413	4	DIEWALL - SUPPORT ARM UPPER	SB	GC	
23439	1	DIEWALL - WRM STRUCTURE LOWERED COUNTER	SB	GC	
OTHER					
11155	2	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 25X255MM	SB	GC	
21914	9	FRIDGE STOP BRACKET SET	SB	GC	
X0010	2	DECORATIVE METAL TRIM - 5IN 127MM (VIF) 1/8IN 3MM	SB	GC	MATERIAL: ALUMINIUM. FINISH: MATTE RAL 9005. GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/VD ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR.
X0013	1	IMPULSE FIXTURE - FLAT BLACK POWDERCOATED MT0028	SB	GC	REFER TO DETAIL I503. TO BE PROVIDED BY CASEWORK VENDOR.
PANEL					
21933	6	FINISH PANEL - VARIABLE LENGTH	SB	GC	
23415	1	PANEL - CBE FRONT PANEL UPPER IN-LINE	SB	GC	
23416	2	PANEL - CBE INTERIOR PANEL UPPER	SB	GC	
23417	2	PANEL - CBE SIDE PANEL UPPER	SB	GC	
23418	2	PANEL - CBE SOFFIT	SB	GC	
		CABINET - CBE UPPER SIDE PANEL CABINET - CBE UPPER SIDE PANEL CABINET - CBE UPPER SIDE PANEL			

SPECIALTY EQUIPMENT SCHEDULE - "E"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COOLING					
10267	8	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	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	
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					
10808	1	GRINDER DITTING KR1203	SB	GC	
12508	2	BLENDER QUIET MODEL ON COUNTER	SB	GC	
12508	2	BLENDER QUIET MODEL ON COUNTER - BACK-UP	SB	GC	TO BE STORED IN BACK OF HOUSE UNLESS NEEDED
15186	1	DISHWASHER LXER ADVANSYS	SB	GC	
17564	1	BLENDER PITCHER RINSER WITH SENSOR	SB	GC	
19742	2	ESPRESSO MACHINE MASTRENA II	SB	GC	
20032	2	OVEN EIKON E2S - BLACK	SB	GC	
21679	1	NITROGEN GENERATOR ELEMENT COMPACT	SB	GC	
22885	1	BREWER CLOVER VERTICA DOUBLE	SB	GC	
23381	1	BREWER CLOVER VERTICA CORD	SB	GC	
23419	3	MILK DISPENSER	SB	GC	
23442	1	OVEN COMBI	SB	GC	
23454	1	BOH PARTNER AREA MICROWAVE OVEN - BLACK	SB	GC	
FOOD CASE					
16238	1	FOOD CASE - ZEPHYR - 66IN 1675MM	SB	GC	
23444	1	FOOD CASE - WARMING WALL - 1000 SQUARE	SB	GC	
ICE					
18029	1	ICE - BIN B110	SB	GC	BPF-1 ADAPTER KIT (011706103) REQUIRED WHEN PAIRING WITH 30" (760MM) ICE MACHINES
19278	2	ICE - BIN DROP IN 45LB 20KG HORIZONTAL	SB	GC	
23184	1	ICE - MACHINE HMD1010RBT REMOTE COOLED	SB	GC	
23338	1	ICE - BIN ADAPTOR FOLLETT B110H2H30 PEDESTAL TOP FOR B110	SB	GC	
23421	1	ICE - NUGGET ICE DISPENSER	SB	GC	
23422	1	ICE - NUGGET ICE DISPENSER RIDE	SB	GC	
23423	1	ICE - NUGGET ICE DIVERTER	SB	GC	
23424	1	ICE - NUGGET ICE DIVERTER CONTROL PANEL	SB	GC	
OTHER					
10091	1	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	1	CUP DISPENSER SHORT HOT VERTICAL	SB	GC	
10501	1	FIRE EXTINGUISHER	SB	GC	
10769	2	RESTROOM GRAB BAR VERTICAL - 18IN 455MM	SB	GC	
10791	2	CUP DISPENSER GRANDE VENTI COLD VERTICAL	SB	GC	
10829	6	CORNER GUARD - 1.25IN 30MM - PEWTER	SB	GC	
10855	2	CUP DISPENSER GRANDE VENTI HOT VERTICAL	SB	GC	
10858	1	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	SB	GC	
10992	3	PAPER TOWEL DISPENSER HALF SIZE - TRANSLUCENT GRAY	SB	GC	
11115	6	SOAP DISPENSER SINK MOUNTED	SB	GC	
13330	1	MOBILE CUP DISPENSER CADDY	SB	GC	
13584	1	CUP DISPENSER TRENTA COLD VERTICAL	SB	GC	
20403	6	KEG - 3GAL	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
23420	2	REFRESHER DISPENSE SMALL	SB	GC	
TK0082	1	POWER RECEPTACLE WITH USB AND WIRELESS CHARGING	SB	GC	
STORAGE					
10222	1	WIRE SHELF GRID AT SINK	SB	GC	
10416	9	WORKROOM SHELVING - 36IN 915MM	SB	GC	
10462	9	WORKROOM SHELVING POSTS	SB	GC	
10698	1	MOP RACK WITH 3 HOLDERS	SB	GC	
13578	2	DISHWARE DRYING RACK - 21IN 535MM	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	
21934	1	PASTRY TRAY RACK UNDERCOUNTER - 30IN 760MM	SB	GC	
22212	1	WORKROOM SHELVING CART KIT	SB	GC	
23445	3	PASTRY COOLING RACK WALL MOUNTED	SB	GC	
TK0048	2	5 COMP LOCKER - 15IN 380MM	SB	GC	

GRAPHICS AND ARTWORK SCHEDULE - "G"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
GRAPHICS - ARTWORK					
X0500	1	SBXART 22112 FRAMED AND MATTED 1" FRAME 4" MAT, SIZE: 27" X 37"	SB	GC	SEE INTERIOR ELEVATIONS
X0501	1	SBXART 22887 ARTWORK PRINTED ON WALLCOVERING, WALLCOVERING TYPE 2.	SB	GC	SEE INTERIOR ELEVATIONS
X0502	1	SBXART 22886 ARTWORK PRINTED ON WALLCOVERING, WALLCOVERING TYPE 2.	SB	GC	SEE INTERIOR ELEVATIONS
X0503	1	SBXART 22888 ARTWORK PRINTED ON WALLCOVERING, WALLCOVERING TYPE 2.	SB	GC	SEE INTERIOR ELEVATIONS
GRAPHICS - OTHER					
23136	1	AUTOMATIC DOOR CAUTION SIGNAGE	SB	GC	
X0504	1	COMMUNITY BOARD MAGNETIC MED WARM BROWN WD0004 - 46X36IN 1170X915MM			
X0802	2	ADA COMPLIANT HANDICAP ACCESSIBLE SIGN WITH BRAILLE - 6X9IN 152X228MM	GC	GC	FRAMELESS WITH SQUARE CORNERS, FINISH: BLACK WITH SILVER LETTERING. MOUNTING: 3M CLEAR TAPE FOR GLASS & SMOOTH FINISHES OR FOAM TAPE FOR SOLID SURFACES. REFER TO DETAIL ON SHEET G004.
MIRROR					
14350	2	MIRROR - RESTROOM ANGLED - 18X36IN 455X915MM	SB	GC	
TK0050	1	MIRROR - BOH	SB	GC	
SIGNAGE - OTHER					
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC	
23376	1	SIGN - PICK UP SINGLE SIDED ILLUM INTERIOR SUSPENDED FIXED	SB	GC	

FURNITURE SCHEDULE - "F"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
BANQUETTE					
19502	1	BANQUETTE - CLOSTER BASE - WHITE OAK WD0073	SB	GC	
19508	1	BANQUETTE - CLOSTER CUSHION VERTICAL STITCH - CARAMEL BROWN NATURAL F0008	SB	GC	
TK0008	2	BANQUETTE - CLOSTER INSIDE CORNER CURVED	SB	GC	WHITE OAK WOOD AND CARAMEL LEATHER
CHAIR					
17852	16	CHAIR - CAFE PYRAMID - BLACK AND BROWN ROPE MT0028 F0194	SB	GC	
20087	8	CHAIR - LOUNGE PYRAMID - BLACK AND BROWN ROPE MT0028 F0194	SB	GC	
21359	2	CHAIR - CAFE PEGGY - WHITE OAK WD0073	SB	GC	
21367	23	CHAIR - CAFE PEGGY UPHOLSTERED - WHITE OAK AND CARAMEL BROWN NATURAL WD0073 F0008	SB	GC	
21456	1	CHAIR - CAFE ASHER UPHOLSTERED BACK - WHITE OAK AND CARAMEL BROWN NATURAL WD0073 F0008	SB	GC	
22718	6	CHAIR - LOUNGE MOON - BLACK AND CARAMEL BROWN NATURAL MT0028 F0008	SB	GC	
TK0077	1	CHAIR - MANAGERS WORKSTATION	SB	GC	STEELCASE SERIES ONE ARMLESS
DESK					
TK0053	1	DESK - MANAGERS WORKSTATION SHELVES - 48IN 1220MM	SB	GC	
TK0076	1	DESK - MANAGERS WORKSTATION - 48X24X27IN 1220X610X855MM	SB	GC	
MIRROR					
14350	2	MIRROR - RESTROOM ANGLED - 18X36IN 455X915MM	SB	GC	
TK0050	1	MIRROR - BOH	SB	GC	
OTHER					
10756	2	COAT HOOK 1 PRONG SQUARE - 2IN 50MM - SST	SB	GC	
20671	2	CEILING FAN - BIG ASS FANS HAIKU - BLACK	SB	GC	

WALL BASE SCHEDULE - "B"					
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COVE BASE					
X1300	52' - 3"	SCHLUTER - DILEX - AHK 100 ATGB	GC	GC	W/ SANITARY 3/8IN COVE BASE MOLDING. FINISH: BRUSHED NICKEL ANODIZED ALUMINIUM.
METAL BASE					
X1301	28' - 0 1/2"	METAL BASE - BLACK MT0028 - 6IN 150MM	GC	GC	W/ SANITARY 1/2IN COVE BEND 45-DEGREE. PROVIDED BY CASEWORK VENDOR.
TILE BASE					
18740	92' - 7 1/4"	TILE BASE - PLAZA NOVA - BLACK SHADOW - 6X12IN 150X300MM	SB	GC	W/ BULLNOSE SANITARY 3/8IN COVE BASE MOLDING. GROUT: MAPEI - 10 BLACK, OR EQUAL.
19795	252' - 7 3/4"	POLYVINYL FLOOR TILE - ECOGRIP - PEWTER	GC	GC	
TRANSITION BASE					
X1302	33' - 4"	TAPERED ALUMINIUM FRAME - 16 GA	GC	GC	FINISH: TEXTURED COLOR-COATED BLACK (DID: MT0028).

LIGHTING FIXTURE SCHEDULE - "L"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
EXIT						
11483	1	EXIT - SECURITY LIGHT WALL MOUNTED	SB	GC	HID 150W OR EQUAL	
19047	4	LED EXIT SIGN WITH EMERGENCY LIGHT - BLACK AND GREEN			INTEGRATED LED	
19057	4	LED EMERGENCY LIGHT DOUBLE - BLACK	SB	GC	INTEGRATED LED	
PENDANT						
20718	1	PENDANT - HOLLIS AND MORRIS LINK - 6FT 183CM - WALNUT	SB	GC	INTEGRATED LED	
RECESSED CAN						
X0601	58	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 1155LM FLOOD	SB	GC	INTEGRATED LED	WITH DIMMER.
SCONCE						
20748	2	SCONCE - KUZCO PLUTO TRIPLE - CHROME	SB	GC	INTEGRATED LED	
STRIP						
22217	5	STRIP - LED TAPE IN HOUSING - VARIABLE LENGTH - BLACK - 350LM PER FT	SB	GC	INTEGRATED LED	REQUIRED (V.I.F): (1) 234 IN (1) 218 IN
TRACK						
12946	2	TRACK - WITH CONNECTORS - 4FT 122CM - BLACK - 1 CIRCUIT	SB	GC		
12948	7	TRACK - WITH CONNECTORS - 18FT 488CM - BLACK - 1 CIRCUIT	SB	GC		
12949	1	TRACK - WITH CONNECTORS - 12FT 365CM - BLACK - 1 CIRCUIT	SB	GC		
15058	2	TRACK - WITH CONNECTORS - 6FT 183CM - BLACK - 1 CIRCUIT	SB	GC		
21779	42	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD	SB	GC	INTEGRATED LED	
TROFFER						
21783	6	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4300LM	SB	GC	INTEGRATED LED	

WALL TREATMENT (AREA) SCHEDULE - "Q"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TILE					
20227	789 SF	TILE - I COCCI - CEMENTO - 6X24IN 150X600MM	SB	GC	GROUT: MAPEI - 47 CHARCOAL, OR EQUAL
20249	1288 SF	TILE - COLOR STUDIO - SAGE - SQUARE MOSAIC - 12X12IN 300X300MM SHEET	SB	GC	GROUT: MAPEI - 11 SAHARA BEIGE, OR EQUAL
WALL COVERING					
11469	1532 SF	FRP - WHITE	GC	GC	LOCALLY SOURCED.
22841	894 SF	WALL COVERING - HIGH PLAINS - CHIC TAUPE	SB	GC	CLASS A FRONT OF HOUSE, CLASS B BOH

BULB SCHEDULE - "L"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS

WALL TREATMENT (LENGTH) SCHEDULE - "R"					
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS

WINDOW FILM SCHEDULE - "Z"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS

BARRIER FREE EXTERIOR DOOR HARDWARE SCHEDULE - "D"						
DESIGN ID	COUNT	MARK	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
23130	1	06	DOOR - BARRIER FREE HARDWARE ACTUATOR BOLLARD	SB	GC	GC TO COORD. INSTALL & CABLING WITH SB VENDOR. GC ORDER FROM LOCKNET - SBUXTEAM@LOCKNET.COM.
23132	1	07	DOOR - BARRIER FREE HARDWARE ACTUATOR MULLION MOUNT - BLACK	SB	GC	GC TO COORD. W/ SB VENDOR.
23129	1	08	DOOR - BARRIER FREE HARDWARE KEY SWITCH	SB	GC	GC TO COORD. INSTALL & CABLING WITH SB VENDOR. GC ORDER FROM LOCKNET - SBUXTEAM@LOCKNET.COM.
23135	1	09	DOOR - BARRIER FREE HARDWARE OPERATOR - BLACK	SB	GC	GC TO COORD. W/ SB VENDOR.

FLOOR TREATMENT SCHEDULE - "T"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CONCRETE					
X1600	1300 SF	CONCRETE - POLISHED	GC	GC	
OTHER					
19288	35 SF	WALK OFF MAT - HELIX Z1 - BLACK - 12X9IN 305X230MM	GC	GC	PAINT CONCRETE FLOOR UNDER WALK-OFF MAT WITH BLACK PAINT.
PLASTIC					
19795	1223 SF	POLYVINYL FLOOR TILE - ECO-GRIP - PEWTER	GC	GC	GC TO PROCURE FROM ALLIED INDUSTRIES
TILE					
20228	186 SF	TILE - I COCCI - CEMENTO - 24X24IN 600X600MM	GC	GC	GROUT: MAPEI - 10, OR EQUAL

PAINT SCHEDULE					
DESIGN ID	DESCRIPTION	LRV	FURN. BY	INST. BY	COMMENTS
X0300	SW7031 MEGA GREIGE, OR EQUIVALENT	37	GC	GC	SW USE PRIMER CP-1; NCS - S 3005-Y50R; AKZO NOBEL - 20YY 37/094
X0301	SW7032 WARM STONE, OR EQUIVALENT	37	GC	GC	SW USE PRIMER CP-1; NCS - S 6010-Y10R; AKZO NOBEL - 10YY 14/080
X0302	SW7631 CITY LOFT, OR EQUIVALENT	70	GC	GC	

ADAPTABLE CASEWORK SUBSTRATE PANEL SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DIEWALL					
21887	11	DIEWALL - SUBSTRATE PANEL - VARIABLE LENGTH	SB	GC	

ADAPTABLE CASEWORK CABINET SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CABINET					
17747	1	CABINET - BACKBAR TRASH - 15IN 380MM	SB	GC	
19281	2	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC	
21890	36	CABINET - SIDE PANEL	SB	GC	
21891	17	CABINET - BOTTOM SHELF - 15IN 380MM	SB	GC	
21892	14	CABINET - BACK PANEL - 15IN 380MM	SB	GC	
21893	10	CABINET - ADJUSTABLE SHELF - 15IN 380MM	SB	GC	
21894	15	CABINET - DOOR - 15IN 380MM	SB	GC	
21895	7	CABINET - DOOR TRASH - 15IN 380MM	SB	GC	
21896	2	CABINET - DRAWER - 15IN 380MM	SB	GC	
21898	1	CABINET - BOTTOM SHELF - 18IN 455MM	SB	GC	
21899	1	CABINET - BACK PANEL - 18IN 455MM	SB	GC	
21901	1	CABINET - DOOR - 18IN 455MM	SB	GC	
21902	5	CABINET - BOTTOM SHELF - 30IN 760MM	SB	GC	
21903	2	CABINET - BACK PANEL - 30IN 760MM	SB	GC	
21904	8	CABINET - ADJUSTABLE SHELF - 30IN 760MM	SB	GC	
21905	2	CABINET - DOOR - 30IN 760MM	SB	GC	
21906	2	CABINET - END CAP FRONTBAR	SB	GC	
21907	9	CABINET - END CAP BACKBAR	SB	GC	
21908	6	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	3	CABINET - EQUIPMENT MOUNTING PANEL	SB	GC	
22749	1	CABINET - ESPRESSO PUMP MOUNT PANEL	SB	GC	
23385	1	CABINET - BOTTOM SHELF - 9IN 230MM	SB	GC	
23387	2	CABINET - SOFFIT - VARIABLE LENGTH	SB	GC	
23391	1	CABINET - CBE ICE DISPENSE BRACKET	SB	GC	
23392	1	CABINET - CBE ICE DISPENSE DOOR - 24IN 610MM	SB	GC	
23393	3	CABINET - CBE MILK DISPENSE BRACKET SLIDE	SB	GC	
23394	2	CABINET - CBE MILK DISPENSE DOOR - 10IN 255MM	SB	GC	
23395	1	CABINET - CBE MILK DISPENSE DOOR - 11IN 280MM	SB	GC	
23426	1	CABINET - WRM LOW - 30IN 760MM	SB	GC	
CAFE					
20132	1	CONDIMENT WASTE AND RECYCLING CART THREE DROP - WHITE OAK AND BLACK W00073 CP0005	SB	GC	
20384	1	FREESTANDING STAIRSTEP 2 UNIT SHORT - LH - 72IN 1830MM - WHITE OAK W00073	SB	GC	
X0008	1	WOOD TRIM - 10IN 254MM X 1IN 25MM - WHITE OAK W00073	SB	GC	GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/VD ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR.
X0011	7	DECORATIVE METAL TRIM - 3IN 76MM (VIF) 2IN 50MM	SB	GC	MATERIAL: ALUMINIUM. FINISH: MT0028. GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/VD ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR
X0012	3	WOOD TRIM - 2IN 50.8MM X 1IN 25MM - WHITE OAK W00073	SB	GC	GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/VD ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR.
X0013	7	WOOD TRIM - 3IN 76.2MM X 1IN 25MM - WHITE OAK W00073	SB	GC	GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/VD ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR.
X0014	3	WOOD TRIM - 2IN 50.8MM X 1IN 25MM - WHITE OAK W00073	SB	GC	GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/VD ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR.
OTHER					
11155	2	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 255X255MM	SB	GC	
21914	9	FRIDGE STOP BRACKET SET	SB	GC	
X0010	2	DECORATIVE METAL TRIM - 5IN 127MM (VIF) 1/8IN 3MM	SB	GC	MATERIAL: ALUMINIUM. FINISH: MATTE RAL 9005. GC TO VERIFY ALL DIMENSIONS AND NOTIFY SB/VD ANY DISCREPANCIES. TO BE PROVIDED BY CASEWORK VENDOR
X0013	1	IMPULSE FIXTURE - FLAT BLACK POWDERCOATED MT0028	SB	GC	REFER TO DETAIL I503. TO BE PROVIDED BY CASEWORK VENDOR.
PANEL					
21933	6	FINISH PANEL - VARIABLE LENGTH	SB	GC	
23415	1	PANEL - CBE FRONT PANEL UPPER IN-LINE	SB	GC	
23416	2	PANEL - CBE INTERIOR PANEL UPPER	SB	GC	
23417	2	PANEL - CBE SIDE PANEL UPPER	SB	GC	
23418	2	PANEL - CBE SOFFIT	SB	GC	
		CABINET - CBE UPPER SIDE PANEL			
		CABINET - CBE UPPER SIDE PANEL			
		CABINET - CBE UPPER SIDE PANEL			

MECHANICAL EQUIPMENT SCHEDULE - "M"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
X1200	10	SUPPLY DIFFUSER	GC	GC	300
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)
X1201	2	FAN - EXHAUST FAN - 12IN 305MM	GC	GC	COLOR TO MATCH CEILING, REFER TO MECHANICAL DRAWINGS.
HVAC					
10317	13	HVAC - VAV SUPPLY 4 WAY SQUARE - 24IN 610MM	GC	GC	COLOR TO MATCH CEILING, REFER TO MECHANICAL DRAWINGS.
10718	1	HVAC - SUPPLY 2 WAY HARD LID SQUARE - 12IN 305MM	GC	GC	COLOR TO MATCH CEILING, REFER TO MECHANICAL DRAWINGS.
11121	5	HVAC - SUPPLY 2 WAY LAY IN SQUARE - 24IN 610MM	GC	GC	
OTHER					
17797	1	ENERGY MANAGEMENT SYSTEM - HVAC ONLY	GC	VD	

PLUMBING FIXTURE SCHEDULE - "P"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DRAIN					
10294	14	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	
10594	3	DRAIN - FLOOR SINK SQUARE - 5IN 125MM	GC	GC	5" FLOOR DRAIN; MANUFACTURER: ZURN; MODEL: Z41B
10726	14	DRAIN - GRATE HALF SQUARE - 12IN 305MM	SB	GC	
X0701	2	FLOOR CLEAN OUT	GC	GC	WATTS DRAINAGE PRODUCTS CO-200-R EPOXY COATED CAST IRON FLOOR CLEANOUT WITH 5-1/8 IN (130MM) ROUND ADJUSTABLE NICKEL BRONZE (STANDARD) TOP AND NO HUB (M.J) CONNECTION.
FAUCET					
10152	2	FAUCET - DOUBLE LABORATORY WITH BENT RISER SPOUT	SB	GC	
10153	4	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	
10804	1	FAUCET - PRE RINSE SWING SPOUT	SB	GC	
10922	1	FAUCET - MOP SINK WALL MOUNTED	SB	GC	
11003	2	FAUCET - METERED	SB	GC	
13588	1	FAUCET - HAND SINK WALL MOUNTED	SB	GC	
21352	2	FAUCET - RESTROOM WITH MOTION SENSOR	SB	GC	
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					
12896	1	FILTER - BRINE TANK	SB	VD	
12899	2	FILTER - POLY GLASS VESSEL	SB	VD	
13076	1	FILTER - PREFILTRATION SYSTEM	SB	VD	
13080	1	FILTER - HEAD QUAD	SB	VD	
13081	4	FILTER - CARBON FILTER CARTRIDGE	SB	VD	
13082	1	FILTER - WATER SOFTENER TWIN	SB	VD	
23355	1	FILTER - FILTRATION BOOSTER PUMP	SB	VD	
OTHER					
11109	1	WATER HEATER TANK ELECTRIC	GC	GC	
21669	2	GREASE INTERCEPTOR GB75	GC	GC	
SINK					
10116	2	SINK - RESTROOM WALL MOUNTED	SB	GC	
10549	2	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	
17565	1	SINK - RINSE WITH DRAINBOARD - 15X27IN 380X685MM	SB	GC	
18743	1	SINK - WATER FILLING STATION - 36X24IN 915X610MM	SB	GC	
22768	2	SINK - COUNTERTOP RINSER WITH WATER TOWER - 26X9IN 660X235MM	SB	GC	
TOILET					
22558	2	TOILET - TANKLESS AUTOMATIC SINGLE FLUSH	GC	GC	

CEILING TREATMENT SCHEDULE - "U"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
19734	154 SF	ACT - ULTIMA - 2X2FT 61X61CM	GC	GC	FACTORY FINISH TO MATCH PAINT FINISH SW-7032 WARM STONE. FOR ORDERING CONTACT DEB PICKENS AT DLPICKENS@ARMSTRONGCEILINGS.COM . PH: 480-895-9053
22764	740 SF	ACT - CIRRUS BEVELED SUPRAFINE PAINTED - 2X4FT 61X122CM	GC	GC	PROVIDED BY: ARMSTRONG-FACTORY FINISHED BY MANUFACTURER. FINISH: REFER TO RCP PLAN AT I103 FOR TONE TAG. INSTALLATION SHALL BE IN STRICT ACCORDANCE W/ MANUFACTURER'S INSTRUCTIONS.
X1100	105 SF	GWB CEILING WITH LEVEL 4 FINISH - PAINT AS SCHEDULED	GC	GC	FINISH: REFER TO RCP PLAN AT I103 FOR TONE TAG; INSTALLATION SHALL BE IN STRICT ACCORDANCE W/ MANUFACTURER'S INSTRUCTIONS.
X1101	368 SF	ACT - WHITE - 2X4FT 61X122CM	GC	GC	FINISH TO MATCH EXISTING



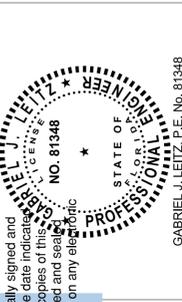
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STARBUCKS TEMPLATE VERSION: 10/22, 10/23



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PROJECT ADDRESS:
3645 ALOMA AVENUE
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STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER: HT
PRODUCTION DESIGNER: RV
CHECKED BY: AP

Revision Schedule	
Rev	Description

SHEET TITLE:
STRUCTURAL NOTES
SCALE: AS SHOWN
SHEET NUMBER:
\$1.00

PERMIT SET - FOR CONSTRUCTION USE

Digitally signed by Gabriel Leitz
Location: This item has been digitally signed and sealed by Gabriel Leitz, P.E. on the date indicated using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.
Date: 2023.09.01 16:10:03-0400

AN-4 Anchors listed below may not be used to substitute the specified anchors in a product's Notice of Acceptance (NOA) or Florida Product Approval.
AN-5 Anchors shall be installed in concrete having a minimum age of 21-days at time of anchor installation (ACI 318-14, 17.1.2)
POST-INSTALLED ANCHORS - MECHANICAL ANCHORS
AN-6 For anchoring into concrete: Wedge-Type Mechanical anchors shall have been tested and qualified for use in accordance with ACI 308.4 and ICC-ES AC108. Pre-approved anchors include Hilli Kwik Bolt TZ, DeWalt Power-Stud+SD1, and Simpson Strong-Bolt 2.
POST-INSTALLED ANCHORS - SCREW ANCHORS
AN-7 For anchoring into concrete: Screw anchors shall have been tested and qualified for use in accordance with ACI 308.4 and ICC-ES AC108. Pre-approved anchors include the 1/2"Ø Hilli KHEZ and the 1/2"Ø DeWalt Screw Bolt +.
POST-INSTALLED ANCHORS - ADHESIVE ANCHORS
AN-8 Install adhesive anchors in accordance with manufacturer's requirements for concrete age, temperature, moisture condition, acceptable drilling methods, and hole preparation in conformance with ACI 318-14, 17.8.2.1.
AN-9 For anchoring into concrete: Adhesive anchors shall have been tested and qualified for use in accordance with ACI 308.4 and ICC-ES AC108. Pre-approved standard cure time adhesives include Hilli RES00V3, DeWalt Pure 110*, and Simpson Set-XP.
AN-10 Threaded rods for use with adhesive are galvanized ASTM F1554 Grade 36 U.O.N.
LIGHT GAUGE STEEL FRAMING (LTGFRM)
LG-1 Fabricate and erect stud construction in accordance with the "Standard for Cold-Formed Steel Framing- General Provisions", American Iron and Steel Institute and General Notes.
LG-2 Light gauge steel framing shall be formed from steel having a galvanized coating meeting the requirements of ASTM A653. Yield strength for 16 GA (54mil) or heavier shall be 50ksi and for 18 GA (43mil) and lighter shall be 33ksi. Alternatively, yield strength for 18mil may be 70ksi to achieve a 20GA equivalent.
LG-3 Use galvanized steel Track, minimum 350T137-33 for 4" walls and 600T137-33 for 6" walls, at top and bottom light gauge wall studs fastened to each stud with #10 tek screws each side of wall.
LG-4 Splicing of framing components, other than the continuous track at the top and bottom of walls, is not permitted, u.o.n. Splicing of track used in the construction of the jamb, head or sill assemblies of framed wall openings is not permitted. Where splicing of track is necessary between stud spacings, a section of stud shall be placed in the adjoining tracks across the joint and fastened to the flanges at both sides of the wall. Holes or notches in headers are not permitted unless approved in writing by the Engineer of Record or as shown on the drawings.
LG-5 Use 0.157" diameter powder actuated fasteners with a minimum of 1" embedment spaced at 24" o.c., U.O.N.
LG-6 Screws, where required, shall meet the minimum requirements of SAE J-429 Grade 5 and IFI-105. Screws shall have a protective coating equivalent to cadmium or zinc plating, ASTM B766.
LG-7 Field cutting of LTGFRM framing members shall be by saw or shear. Torch cutting is not permitted.

SD-7 BNI may transfer to the Contractor BIM files, CAD files or other electronic data for use in preparing Shop Drawings. The contractor shall email a request for BIM or CAD files along with an acknowledgement that he/she has read and agreed to the following terms and conditions:
A. This electronic data remains the property of BNI, and in no case shall the transfer of these files be considered a sale. The files shall not be used for other projects, additions to this project, or for completion of this project by others.
B. The Contractor is responsible for assuring that the electronic data accurately represents the Contract Documents, in the event of a conflict, the Contract Documents shall govern.
C. The electronic data is current as of the date of transfer but may subsequently be revised or supplemented.
D. The use of these electronic data shall not modify Contractor's responsibility for coordination with other trades, or for the proper checking and coordination of dimensions, details, member sizes and gage, and quantities of materials to facilitate complete and accurate fabrication and erection.
E. Do not scale dimensions since the electronic data may not be precise and, in some cases, have been intentionally altered for presentation purposes.
F. Contractor shall indemnify, defend and hold harmless BNI from all claims, damages, losses, expenses, penalties, and liabilities, including attorneys' fees, arising out of or resulting from the use of the electronic data by Contractor or others.
SLABS ON GRADE
SG-1 For interior slabs use 6 mil vapor retarder complying with ASTM E1745 between soil and bottom of slab and install in conformance with ASTM E1643. Lap joints 6" and seal with manufacturer approved tape. Repair all punctures and tears, and seal around all penetrations. Do not use any sheeting below exterior concrete slabs.
SG-2 Reinforce slabs on grade with welded wire reinforcement supplied in flat sheets only. Use chairs to support wire reinforcement in the center of slab. Fiber reinforced concrete shall not be used at slabs to receive a broom finish.
SG-3 Provide crack control joints as directed in the Architectural drawings in all floating slabs on grade 2 hours after final finish but not more than 8 hours after completion of the pour. Aspect ratio shall not exceed 1.25. Avoid L-shaped panels. Locate to conform to bay spacing whenever possible, add crack control joints at re-entrant corners which tend to invite cracks.
SG-4 See the Architectural Drawings for slab on grade depressions and other requirements.
SG-5 Terminate protection shall be provided by a Registered Termiteicide, and a certificate of compliance shall be issued to the building department per the Florida Building Code, section 1816. Refer to the Architectural Drawings for additional information.
REINFORCED CONCRETE
RC-1 Comply with ACI 301 and 318 and Plan Specifications.
RC-2 Provide structural concrete with a minimum ultimate compressive design strength in 28 days as follows:

Element	Strength
Slabs on Grade	3,500 psi

RC-3 Use normal weight concrete for all structural members. u.o.n.
RC-4 Provide ASTM A615 Grade 60 reinforcing steel. Reinforcing shall be accurately placed, rigidly supported and firmly tied in place, with appropriate bar supports and spacers. Lap continuous reinforcing 48 bar dia. Provide cover over reinforcing as follows:

Element	Bottom	Top	Sides
Slabs on Grade	Mid-Depth	2"	2"

RC-5 Where specified, provide plain, cold-drawn electrically-welded wire reinforcement conforming to ASTM A185. Supply in flat sheets only. Lap splice two cross wire spacings.
RC-6 Utilities shall not penetrate beams or columns but may pass through slabs and walls individually, uon. For openings 24" long or less, cut reinforcing and replace alongside opening with splice bars of equivalent area with 48 bar dia. lap. Prepare and submit shop drawings for openings longer than 24". For rectangular openings 12" long or longer, add 1#5 x 6" mid depth diagonal at all 4 corners.
RC-7 Where reinforcing steel congestion permits, conduit and pipes up to 1" diameter may be embedded in concrete per ACI 318, Section 20.7.7. Space at 3 diameters o.c. Place in the middle third of the slab depth. If conduits are significantly congested, additional reinforcing perpendicular to piping may be required. Requests to embed larger pipes should be accompanied by a detailed description and be submitted to the architect for evaluation. Aluminum conduits shall not be placed in concrete.
RC-8 Provide construction joints in accordance with ACI 318, Section 26.5.6. Provide keyways and adequate dowels. Submit drawings showing location of construction joints and direction of pour for review.
RC-9 Provide reinforcing steel installer with a set of Structural Drawings for field reference. Inspect reinforcing steel placing from structural drawings.
POST-INSTALLED ANCHORS - GENERAL
AN-1 Substitution requests will be considered for products having an ICC-ES report recognizing the product for the appropriate application. Substitute concrete anchors must be approved for use in cracked concrete. Substitution requests shall include signed and sealed calculations prepared by a Florida Licensed Engineer who demonstrates that substituted product is capable of achieving the equivalent performance values of the design basis product.
AN-2 Confirm the absence of reinforcing steel by drilling a 1/4" diameter pilot hole for each anchor in non-post-tension applications. For post-tensioned slabs, confirm the absence of reinforcing steel by nondestructive testing prior to drilling holes. Do not cut reinforcing steel without approval of the Structural Engineer.
AN-3 Install in accordance with manufacturer's printed installation instructions (MPII) (ACI 314-14, 17.8.1). Refer to MPII for appropriate drill size. Clean hole and remove dust.

GENERAL NOTES
GN-1 The governing Code for this Project is the Florida Building Code, 7th Edition (2020). This Code prescribes which edition of each referenced standard applies to this Project.
GN-2 To the best of our knowledge, the Structural Drawings and Plan Specifications comply with the applicable requirements of the governing Building Code.
GN-3 Construction is to comply with the requirements of the governing Building Code and all other applicable Federal, State, and Local Codes, Standards, Regulations and Laws.
GN-4 Use these Notes in conjunction with the Plan Specifications. If a conflict exists, the more stringent governs.
GN-5 See Plan Specifications for testing.
GENERAL NOTES - CONTRACTOR REQUIREMENTS
GN-6 Contractor refers to the General Contractor, Construction Manager, or the organization that is assigned to have overall responsibility and supervision of the Project.
GN-7 The Contractor shall be solely responsible for, and have control over, the means, methods, supervision, techniques, sequences, procedures of construction, quality, and correctness of the work. The Contractor is solely responsible for jobsite safety including all OSHA requirements.
GN-8 The Contractor shall coordinate all Contract Documents with field conditions and dimensions and Project Shop Drawings prior to construction. Do not scale drawings; use only printed dimensions. Report any discrepancies in writing to the Architect prior to proceeding with work. Do not change size or location of structural members without written instructions from the Structural Engineer of Record.
GN-9 Contractors who discover discrepancies, omissions or variations in the Contract Documents during bidding shall immediately notify the Architect. The Architect will resolve the condition and issue a written clarification.
GN-10 The Contractor shall protect adjacent property, his own work and the public from harm. The Contractor is advised to document the condition of adjacent property with a photographic survey and other documentation, including crack monitoring, prior to and during construction.
GENERAL NOTES - DRAWINGS
GN-11 The Structural drawings shall be used in conjunction with the architectural drawings and all other drawings and documents, including shop drawings prepared by equipment suppliers and delegated engineers.
GN-12 Openings shown on Structural Drawings are only pictorial. See the Architectural for complete information such as slab depressions, slopes, curbs, finishes, and opening locations in structural members as required by MEP systems and architectural elevations.
GN-13 Details labeled "typical" apply to all situations that are the same or similar to those specifically referenced, whether or not they are keyed in at each location. Questions regard-ing the applicability of typical details shall be resolved by the Architect.
GN-14 See Architectural drawings for fireproofing and waterproofing details and requirements.
GENERAL NOTES - DESIGN LOADS
GN-15 Design Loads:

OCCUPANCY	LIVE LOAD	DEAD LOAD	CONCENTRATED LOAD
Retail	75 psf	20 psf	1,000#f

Design superimposed dead loads listed above do not include masonry walls or other concentrated loads. See architectural drawings for these loads. Concentrated live loads do not act concurrently with area live loads.
GN-16 Handrails and Guards:

Linear Loading	50 lbs/ft
Concentrated Loading	200 lbs
Intermediate Rails	50 lbs
Applied Area	1 sf

Loads shall be applied to act in any direction at any point on the handrail or top rail to produce the maximum load effect. Linear and concentrated loading shall not be applied concurrently.
Glass in handrails and guards shall be designed with a safety factor of 4.
SHOP DRAWINGS AND OTHER SUBMITTALS
SD-1 Refer to the applicable Plan Specifications for technical content requirements. Incomplete submittals will be returned without review.
SD-2 Submit specific components, such as slabs, in a single package. Submit similar floors together.
SD-3 On first submittal, clearly flag and cloud all differences from the Contract Documents. On resubmittals, flag and cloud all changes and additions to previous submittal; only clouded items will be reviewed.
SD-4 The Trade Contractor is responsible for confirming and correlating dimensions at the job sites, for tolerances, clearances, quantities, fabrication processes and techniques of construction, coordination of the work with other trades and full compliance with the Contract Documents.
SD-5 The Contractor shall review and approve submittals, including substitution requests and shop drawings, and shall sign and date each drawing prior to submitting to the Architect. This approval is to confirm that the submittal is complete, complies with the submittal requirements and is coordinated with field dimensions, other trades, erection sequencing and constructability. Submittals not reviewed by the Contractor will be returned without review.
SD-6 Bliss & Nyitray (BNI) reviews submittals to confirm that the submittal is in general conformance with the design concept presented in the Contract Documents. Quantities and dimensions are not checked. Notations on submittals do not authorize changes to the contract sum. Checking of the submittal by BNI shall not relieve the Contractor of responsibility for deviations from the Contract Documents and from errors or omissions in the submittal.



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To the best of the Structural Engineers' knowledge, the Plans and Specifications comply with the applicable minimum building codes.

STRUCTURAL PLAN SPECIFICATIONS

GENERAL NOTES

SGN-1 These Plan Specifications are intended to be used for projects without Project Specification Books. If they are accidentally issued along with a Project Specification Books, the Project Specification Books shall supersede the Plan Specifications.

RISK CATEGORY 1.0 MULTIPLIER 0.60 MULTIPLIER 0.42 MULTIPLIER
 Risk Category II 700 YEAR MRI 50-YEAR MRI 25-YEAR MRI

SHOP DRAWINGS AND SUBMITTALS

SSD-1 Material substitution shall not be submitted in the shop drawings without a substitution request being made to the Architect in advance and in writing, along with detailed substitution cost savings to be credited to the Owner. Upon approval by the Architect, the material substitution can be included in the submitted shop drawings.

SSD-2 All structural Shop Drawings shall be submitted in PDF format to BNI for review and approval. Submittals shall be reviewed and electronically stamped by the Contractor as having "No Exception Taken".

SSD-3 Manufacturer Literature and Product Data shall be submitted in PDF format. The submittals will be stamped as "Received, for record only" by BNI and returned accordingly.

REINFORCED CONCRETE

SRC-1 Prepare and submit formwork shop drawings in compliance with ACI 301 and ACI 347R. Formwork design for safety, structural adequacy, and efficiency is the Contractor's responsibility.

SRC-2 Provide form-facing panels that will provide continuous, true, and smooth concrete surfaces.

SRC-3 Formwork for the sides of beams, walls, columns, and similar elements, that does not support the weight of concrete may be removed after curing at not less than 50 degrees for 24 hours after placing concrete if concrete is hard enough to not be damaged by form removal.

SRC-4 Prepare and submit reinforcing steel shop drawings prepared according to ACI 315 and ACI SP-66. Include bar sizes, length, material, grade, bar schedules, stirrup spacing, bent bar diagrams, arrangement location of splices, length of splices, tie spacing, hoop spacing and supports of reinforcement.

SRC-5 Fabricate and install steel reinforcement according to CRSI's "Manual of Standard Practice."

SRC-6 Clean reinforcement of loose rust and mill scale, earth, ice, and other foreign materials that reduce bond to concrete.

SRC-7 Submit design mixes for each concrete mix for the following concrete grades:

Element	Strength	Air Yes/No	Max. Aggregate Size	W/C or W/(C&P)* Class*	Exposure Class*
Slab on Grade	3500	N	1"	0.60	SO

* Letter in Exposure Category denotes Exposure Class:
 S: Sulfate.

SRC-8 The minimum portland cement content of any concrete mix with slag cement is 280 lbs/CY, for all other concrete mixes, the minimum portland cement content is 423 lbs/CY. Limit percentages, by weight, of cementitious materials other than portland cement in concrete as follows:

- A. Concrete mixes containing fly ash: 15%-20%.
- B. Concrete mixes containing slag cement: 40%-50%.
- C. Concrete mixes containing fly ash and slag cement: 50% with fly ash or slag not exceeding 25%.

SRC-9 Provide concrete having entrained air content of 3%-5% except 1%-3% for concrete to receive a hard trowel finish (floor slabs).

SRC-10 Place concrete within 90 minutes of adding water to the mix. The Contractor may request additional time from the special inspector who can authorize an additional 30 minutes.

SRC-11 The amount of water added to the mix at the site is limited to the amount identified on the batch ticket as that being withheld at the batch plant. Water shall be added prior to initial discharge of concrete. No water can be added at the site if the batch ticket does not clearly identify the amount withheld at the plant. No water may be added once concrete placement has started.

SRC-12 Provide batch ticket for each ready-mixed batch discharged and used in the Work, indicating Project identification name and number, date, mix type and number, batch time, mix time, quantity, and amount of water added, and amount withheld at the plant. Record approximate location of final deposit in structure.

SRC-13 Deposit concrete continuously in one layer or in horizontal layers so that no new concrete will be placed on concrete that has hardened. Avoid inclined construction joints. Consolidate concrete with mechanical vibrating equipment. Do not use vibrators to transport concrete inside forms.

SRC-14 Cure concrete according to ACI 308.1 and as follows:

- A. Curing Compound: Apply to all concrete surfaces that are not permanently exposed. Provide a second coat applied at 90 degrees to initial application within three hours of initial application.
- B. Curing and Sealing Compound: Apply to permanently exposed concrete surfaces. Repeat process after 24 hours.
- C. Contractor shall confirm that curing compounds are compatible with flooring finishes and will not adversely affect the performance or warranty of the flooring.

SRC-15 Sample all concrete after water and admixtures have been added. Obtain at least one composite sample for each 100 CY or fraction thereof of each concrete mix placed daily. For slabs 6 inches or thinner, increase frequency to each 50 CY or fraction thereof of each concrete mix placed daily.

SRC-16 Cast and laboratory cure one set of four standard cylinder specimens for each composite sample. Take sample at point of placement for pumped concrete.

SRC-17 Test one specimen at 7-days and three at 28-days. If one of the first two 28-day test falls below specified strength, test the remaining specimen at 56-days.

SRC-18 Strength of each concrete mix will be satisfactory if the average of two cylinders at 28-days equals or exceeds the specified concrete strength, if not, then the average of any three consecutive strength tests (two at 28-days and one at 56-day) equals or exceeds specified compressive strength and no compressive strength test falls below specified compressive strength by 10% or 500 psi, whichever is less.

SRC-19 Provide test results to Architect, Engineer, and Concrete Company.

Contractor shall notify Architect and BNI of any concrete that fails to meet the design strength. Additional testing including destructive testing may be required to validate the in-place concrete strength. Testing with a Swiss Hammer is not an acceptable method of establishing in-place concrete strength.



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STORE #: 23308
 PROJECT #: 62233-050
 ISSUE DATE: 09/01/2023
 DESIGN MANAGER: HT
 PRODUCTION DESIGNER: RV
 CHECKED BY: AP

Revision Schedule	
Rev	Description

SHEET TITLE:
STRUCTURAL PLAN SPECIFICATIONS
 SCALE: AS SHOWN

SHEET NUMBER:
S1.01

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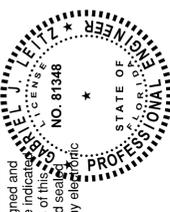
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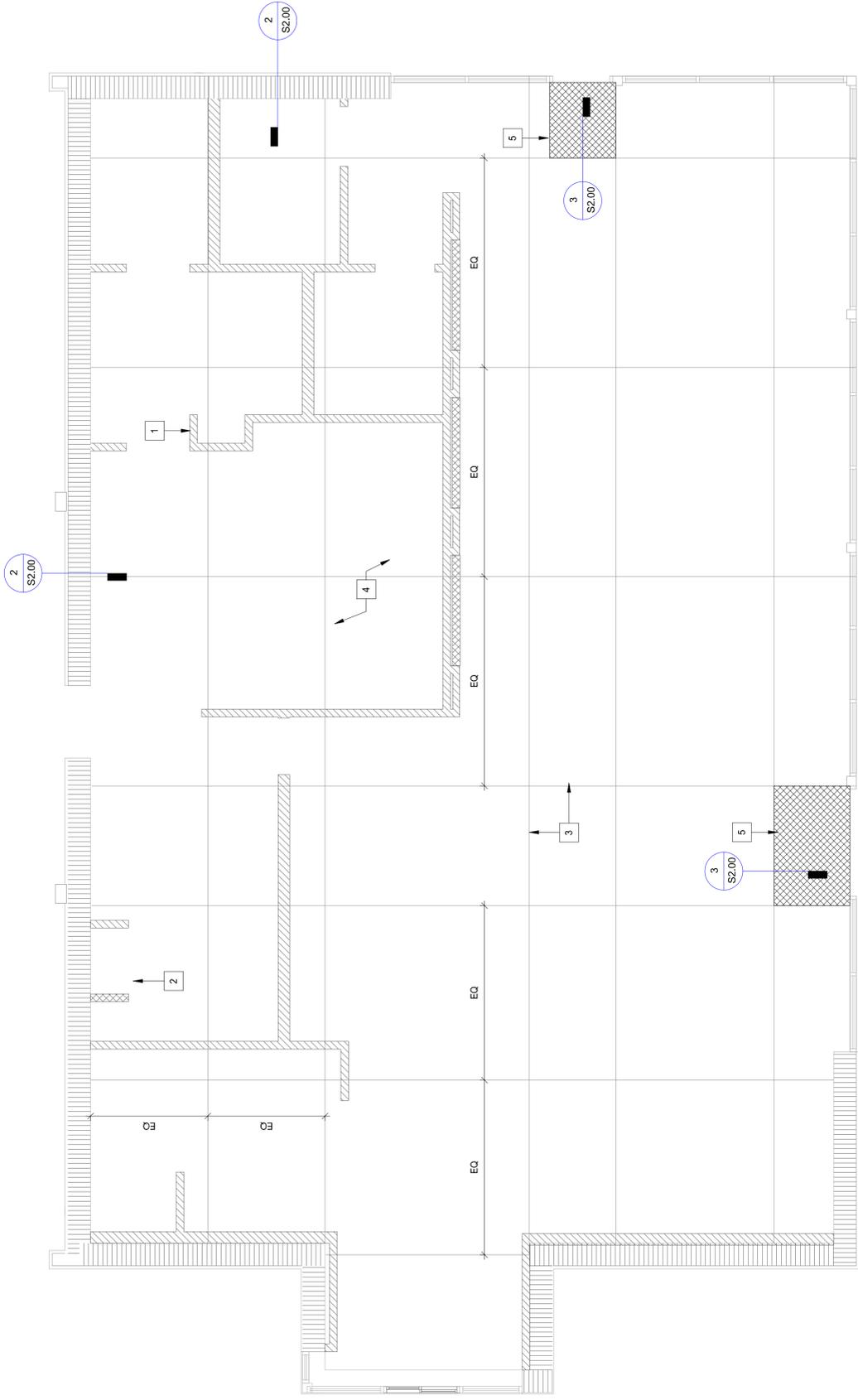
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STORE #: 23308
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Rev	Date	By	Description

SHEET TITLE:
SLAB ON GRADE PLAN & DETAILS
SCALE: AS SHOWN
SHEET NUMBER:
S2.00

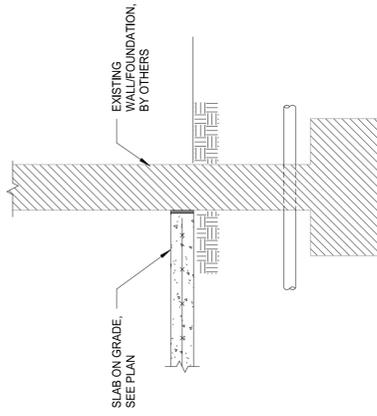
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FIRST LEVEL

PLAN KEYNOTES:

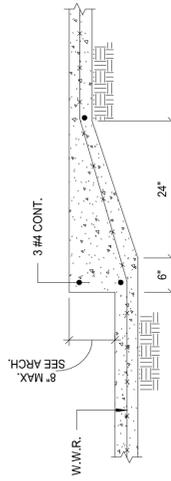
- 1 INTERIOR LIGHT GAUGE STUDS PER S3.01. SEE ARCH FOR WIDTH AND HEIGHT
- 2 RAISED WATER HEATER. SEE S3.00.
- 3 CONTROL JOINTS. SEE 1/52.00.
- 4 CONCRETE SLAB ON GRADE REINFORCE WITH 6#S-W/2.9MW/2.9 WELDED WIRE REINFORCEMENT (W.W.R.).
- 5 RECESSED CONCRETE SLAB FOR WALK-OFF MAT. SEE ARCH.



1 WALL FOOTING DETAIL

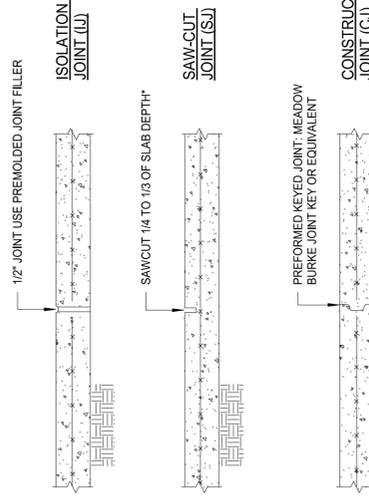
AT EXTERIOR

3/4" = 1'-0"



2 TYPICAL SLAB STEP DETAILS

3/4" = 1'-0"



PROVIDE SEALANT WHERE REQUIRED BY ARCHITECT SAWCUT AS SOON AS POSSIBLE AFTER POURING. PROVIDE SEALANT WITHIN 8 HRS. AFTER POURING.

3 SLAB ON GRADE CONTROL JOINTS

3/4" = 1'-0"



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To the best of the Structural Engineers' knowledge, the Plans and Specifications comply with the applicable minimum building codes.



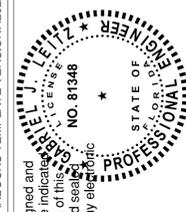
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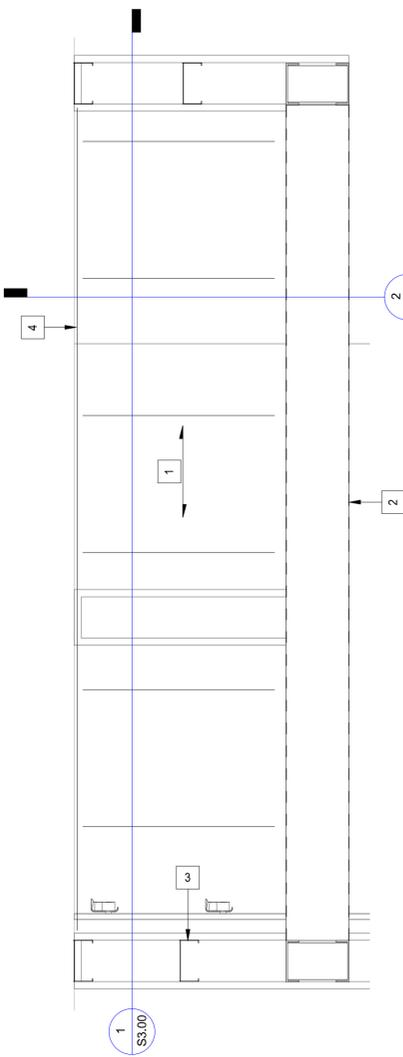
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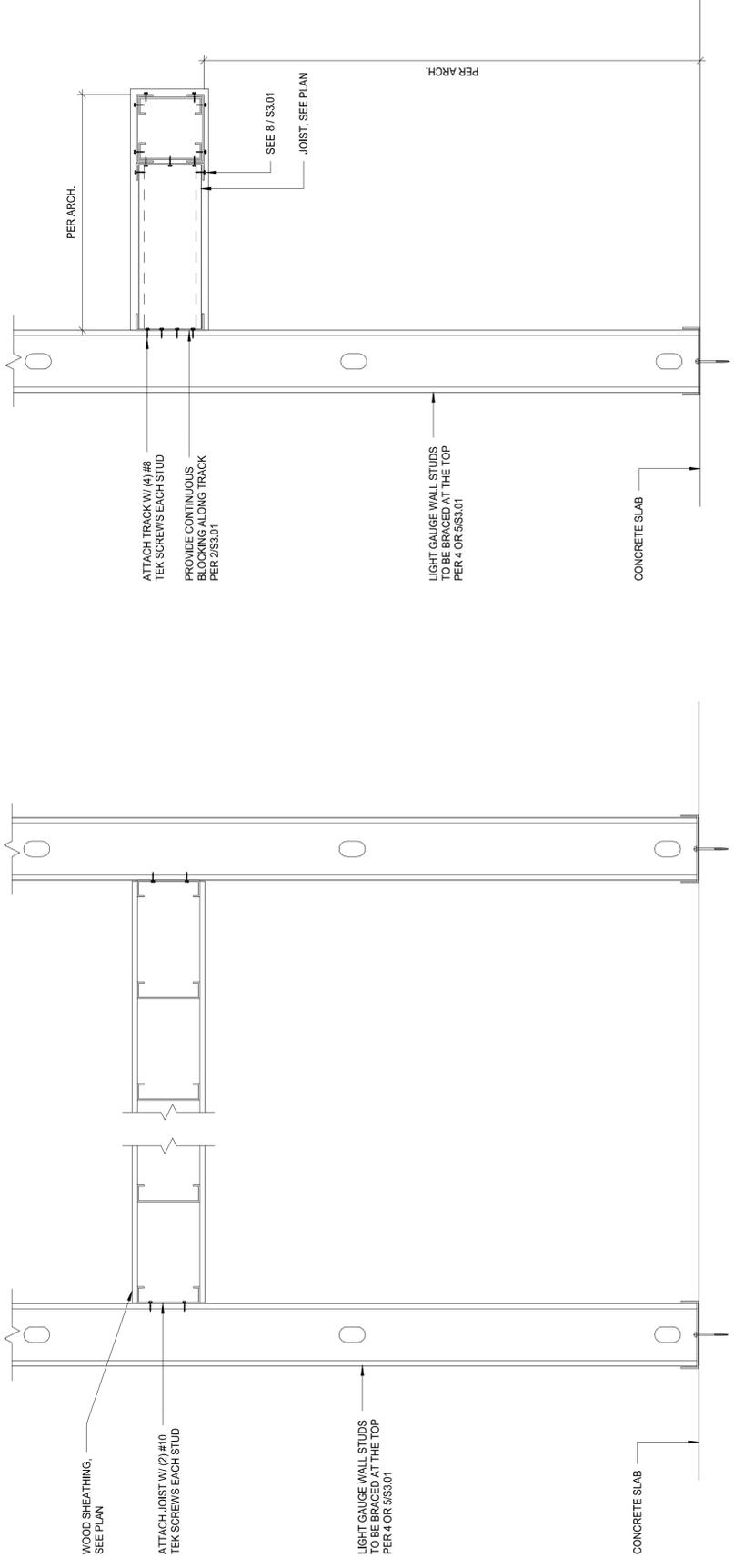
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**LIGHT GAUGE PLAN &
DETAILS**
SCALE: AS SHOWN
SHEET NUMBER:
\$3.00

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WATER HEATER PLATFORM PLAN

PLAN KEYNOTES:
1 3/4" FRT WOOD SHEATHING ATTACHED TO 600S 137-48 JOISTS @ 10" O.C. W/ #10 TEK SCREWS @ 6" O.C.
2 LIGHT GAUGE HEADER AND ATTACHMENT PER 7/S3.01.
3 LIGHT GAUGE STUDS PER 2/S3.01.
4 600S 137-48 LIGHT GAUGE TRACK.



1 WATER HEATER PLATFORM SECTION

1 1/2" = 1'-0"

2 WATER HEATER PLATFORM SECTION

1 1/2" = 1'-0"



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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, EXISTING 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 PHOTOCCELL
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
OCF	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

Ⓝ	JUNCTION BOX	Ⓞ	RECEPTACLE: DUPLEX
Ⓢ	SWITCH	Ⓞ	RECEPTACLE: DUPLEX - INDIVIDUAL BRANCH CIRCUIT
Ⓢ ₃	THREE-WAY SWITCH	Ⓞ	RECEPTACLE: QUAD
Ⓢ _M	MOTION (OCCUPANCY) SENSOR SWITCH	Ⓞ	RECEPTACLE: QUAD - INDIVIDUAL BRANCH CIRCUIT
Ⓢ	SWITCHBACK	Ⓞ	RECEPTACLE: HIGH VOLTAGE
▼	TELEPHONE	Ⓞ	RECEPTACLE: FLOOR DUPLEX
Ⓢ	THERMOSTAT	Ⓞ	GROUNDING ELECTRODE CONNECTION
Ⓢ	THERMOSTAT SENSOR	NL	NIGHTLIGHTING 24HR/DAY
Ⓢ	DIMMER SWITCH	Ⓞ	PHOTOELECTRIC CELL
Ⓢ	RECEPTACLE: DATA	Ⓞ	SPEAKER
Ⓢ	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
		Ⓞ	360 CAMERA
		Ⓞ	CARBON MONOXIDE SENSOR
		Ⓞ	CARBON DIOXIDE SENSOR

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.

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:

- SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES;
- PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUP SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA;
- CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS. CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:
 - 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, AIR CURTAINS, BUILT-IN REFRIGERATION EQUIPMENT, AND RENEWABLE ENERGY SYSTEMS.
 - 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 VALUATIONS.
 - 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.
 - 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.
 - 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.
 - ALL HVAC, EXHAUST FAN, AND AIR CURTAIN EQUIPMENT SHALL BE TESTED, ADJUSTED AND BALANCED BY THE CONTRACTOR'S TESTING, ADJUSTING AND BALANCING (TAB) TEAM. 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.
 - 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.
 - 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.
 - 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.
 - 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:

- MEET TO PLAN SECURITY CABLE PULL WITH SECURITY CABLE INSTALLER PRIOR TO DRYWALL INSTALLATION.
- SECURITY CABLE INSTALLER PULLS SECURITY CABLES, MOUNTS PANEL, KEYPAD AND SENSORS.
- SECURITY EQUIPMENT INSTALL OF CAMERA, NVR AND MONITOR.
- 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.

COMMUNICATION SYSTEM NOTES

CONFIRM PRIOR TO BEGINNING CONSTRUCTION THAT THE LANDLORD HAS FURNISHED AND INSTALLED ONE (1) ADDITIONAL 2" (51MM) (ENTRANCE) CONDUIT INCLUDING PULL STRING (FOR A TOTAL OF TWO (2)) FROM THE STREET FEED TO THE BUILDING AS IDENTIFIED BY THE INTERNET SERVICE PROVIDER.

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

- 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.
- 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.
- 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.
- 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.
- 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 ("CAFE", "FRONT BAR", ETC.). PROVIDE INSULATED BUSHINGS ON ALL STUBBED-UP AND EXPOSED CONDUIT ENDS.
- 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.
- 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.
- 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 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.

LANDLORD REQUIREMENTS

PRIOR TO BID: THE CONTRACTOR SHALL COORDINATE WITH LANDLORD / BUILDING OWNER FOR ANY CONSTRUCTION REQUIREMENTS. IF LANDLORD / BUILDING OWNER DOES HAVE 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 (IN THE OPINION OF THE ENGINEER), LANDLORD / BUILDING OWNER REQUIREMENTS SHALL GOVERN.

ALL RECEPTACLES IN BEVERAGE/PREP AREA SHALL BE GFCI PER NEC 210-8(B).

ALL DATA OUTLETS AND QUADS MUST BE ISOLATED GROUND TYPE.

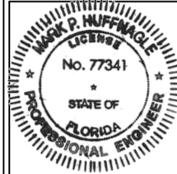
DESIGN DEVELOPMENT ONLY - NOT INTENDED FOR CONSTRUCTION USE



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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: i2021.10.22



PROJECT NAME:
ALOMA & TUSKAWILLA RD

PROJECT ADDRESS:
**3645 ALOMA AVENUE
OVIEDO, FL 32765**

STORE #:	23308
PROJECT #:	62233-050
ISSUE DATE:	09/01/2023
DESIGN MANAGER:	PRODUCTION DESIGNER: C. FETTER
CHECKED BY:	

Revision Schedule			
Rev	Date	By	Description
		CJF	
		CJF	

SHEET TITLE:
ELECTRICAL NOTES

SCALE: AS SHOWN

SHEET NUMBER:
E001



COMcheck Software Version COMcheckWeb
Interior Lighting Compliance Certificate

Project Information

Energy Code: 90.1 (2016) Standard
Project Title: Starbucks Aloma and Tuskawillard
Project Type: Alteration

Construction Site: 3645 Aloma Ave, Oviedo, Florida 32765
Owner/Agent: Starbucks, 2401 Utah Ave. S, Seattle, Washington 98134, (206)318-1375
Designer/Contractor: M-Engineering, 750 Brookside Blvd, Westerville, Ohio 43081, (614)839-4639

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts
1-Restrooms (Common Space Types:Restrooms)	183	0.85	156
2-Seating Area (Common Space Types:Dining Area - Bar Lounge/Leisure)	1082	0.93	1006
3-Bar & Workroom (Common Space Types:Food Preparation)	1266	1.06	1342
4-Manager Office (Common Space Types:Office - Enclosed)	83	0.93	77
5-Partner Area (Common Space Types:Lounge/Breakroom)	117	0.62	73
Total Allowed Watts =			2654

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture Fixture Watt.	D Watt.	E (C X D)
Restrooms (Common Space Types: Restrooms, 183 sq.ft.)				
LED: 22149: LED Downlight: Other:	1	8	16	128
LED: LED Sconce: Other:	1	2	20	40
Seating Area (Common Space Types: Dining Area - Bar Lounge/Leisure, 1082 sq.ft.)				
LED: 20716: LED Pendant: Other:	1	1	24	24
Track Lighting: Fixed Seating Track: Wattage based on current limiting device capacity	0	0	480	480
Track Lighting: Wattage based on current limiting device capacity	0	0	840	840
Bar & Workroom (Common Space Types: Food Preparation, 1266 sq.ft.)				
LED: 22149: LED Downlight: Other:	1	34	16	544
LED: 15057: LED 2x4: Other:	1	6	40	240
Manager Office (Common Space Types: Office - Enclosed, 83 sq.ft.)				
LED: 22149: LED Downlight: Other:	1	3	16	48
Partner Area (Common Space Types: Lounge/Breakroom, 117 sq.ft.)				
LED: 22149: LED Downlight: Other:	1	6	16	96
Total Proposed Watts =			2440	

Project Title: Starbucks Aloma and Tuskawillard Report date: 08/18/23
Data filename: Page 1 of 5

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project 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 90.1 (2016) Standard requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Philip Fountain - Electrical Designer Signature Date: 08-18-2023

Project Title: Starbucks Aloma and Tuskawillard Report date: 08/18/23
Data filename: Page 2 of 5



COMcheck Software Version COMcheckWeb
Inspection Checklist

Energy Code: 90.1 (2016) Standard

Requirements: 100.0% were addressed directly in the COMcheck 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
4.2.2, 8.4.1.1, 8.4.1.2, 8.7 [P86]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the electrical systems and equipment and document where exceptions are claimed. Feeder conductors sized in accordance with approved plans and branch circuits sized for maximum drop of 3%.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
4.2.2, 9.4.3, 9.7 [P84]	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.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: Starbucks Aloma and Tuskawillard Report date: 08/18/23
Data filename: Page 3 of 5

Section # & Req. ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
8.4.2 [EL10]	At least 50% of all 125 volt 15, and 20-Amp receptacles are controlled by an automatic control device.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Space type is not private office, open office, or computer classroom.
8.4.3 [EL11]	New buildings have electrical energy use measurement devices installed. Where tenant spaces exist, each tenant is monitored separately. In buildings with a digital control system the energy use is transmitted to control system and displayed graphically.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Buildings 25,000 ft ² .
9.4.1.1 [EL1]	Automatic control requirements prescribed in Table 9.6.1, for the appropriate space type, are installed. Mandatory lighting controls (labeled as "REQ") and optional choice controls (labeled as "ADD1" and "ADD2") are implemented.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
9.4.1.1 [EL2]	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Remote locations permitted for safety or security if used with a clearly labeled indicator pilot light.
9.4.1.1 [EL13]	Daylight areas under skylights and roof monitors that have more than 150 W combined input power for general lighting are controlled by photoccontrols.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
9.4.1.3 [EL4]	Separate lighting control devices for specific uses installed per approved lighting plans.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
9.6.2 [EL8]	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: Starbucks Aloma and Tuskawillard Report date: 08/18/23
Data filename: Page 4 of 5

Section # & Req. ID	Final Inspection	Complies?	Comments/Assumptions
8.7.1 [F16]	Furnished as-built drawings for electric power systems within 30 days of system acceptance.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
8.7.2 [F17]	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
9.2.2.3 [F18]	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.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the interior Lighting fixture schedule for values.
9.4.4 [F20]	At least 75% of all permanently installed lighting fixtures in dwelling units have >= 55 lm/W efficacy or a >= 45 lm/W total luminaire efficacy.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Lighting is controlled by dimmers or automatic control devices.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: Starbucks Aloma and Tuskawillard Report date: 08/18/23
Data filename: Page 5 of 5



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STARBUCKS TEMPLATE VERSION: i2021.10.22



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STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER:
PRODUCTION DESIGNER: J.GEARY
CHECKED BY:

Revision Schedule			
Rev	Date	By	Description
		JWG	
		JWG	

SHEET TITLE:
ENERGY CALCULATIONS

SCALE: AS SHOWN

SHEET NUMBER:
E003

DESIGN DEVELOPMENT ONLY - NOT INTENDED FOR CONSTRUCTION USE

ALL RECEPTACLES IN BEVERAGE/PREP AREA SHALL BE GFCI PER NEC 210-8(B).

ALL DATA OUTLETS AND QUADS MUST BE ISOLATED GROUND TYPE.

ALL ELECTRICAL DEVICES, AND CIRCUITING ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

KITCHEN EQUIPMENT SCHEDULE

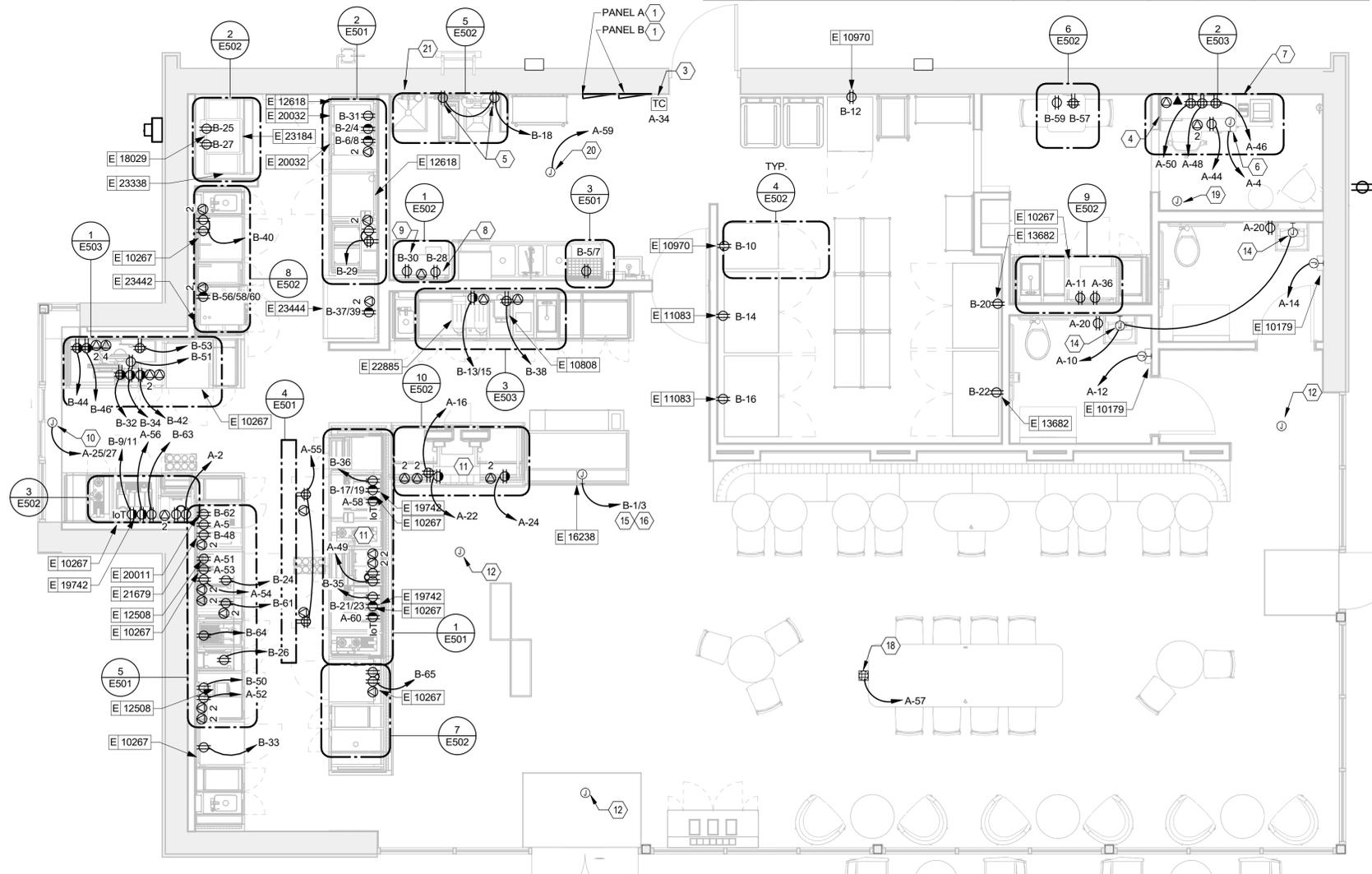
DESIGN ID	DESCRIPTION	VOLTAGE	WATTAGE	CIRCUIT BREAKER SIZE	PANEL	CIRCUIT NUMBER	WIRE SIZE
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	A	36	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	A	51	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	33	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	35	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	36	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	40	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	53	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	63	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	65	2#12, 1#12G, 3/4"C
22885	DUAL BREWER SOFT HEAT	208 V	8200	50A	B	13,15	3#6, 1#10G, 3/4"C
10808	GRINDER	120V	1400	20A	B	38	2#12, 1#12G, 3/4"C
10970	1 DOOR REACH-IN REFRIGERATOR	120V	1000	20A	B	10	2#12, 1#12G, 3/4"C
10970	1 DOOR REACH-IN REFRIGERATOR	120V	1000	20A	B	12	2#12, 1#12G, 3/4"C
11083	2 DOOR REACH-IN REFRIGERATOR	120V	1200	20A	B	14	2#12, 1#12G, 3/4"C
11083	2 DOOR REACH-IN REFRIGERATOR	120V	1200	20A	B	16	2#12, 1#12G, 3/4"C
20032	MERRYCHIEF EKON E2S OVEN	208V	6000W	40A	B	2,4	3#6, 1#10G, 3/4"C
20032	MERRYCHIEF EKON E2S OVEN	208V	6000W	40A	B	6,8	3#6, 1#10G, 3/4"C
12508	ON-COUNTER BLENDER	120V	1800	20A	A	53	2#12, 1#12G, 3/4"C
12508	ON-COUNTER BLENDER	120V	1800	20A	B	50	2#12, 1#12G, 3/4"C
12618	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	31	2#12, 1#12G, 3/4"C
12618	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	29	2#12, 1#12G, 3/4"C
13682	2 DOOR REACH-IN FREEZER	120V	1320	20A	B	20	2#12, 1#12G, 3/4"C
13682	2 DOOR REACH-IN FREEZER	120V	1320	20A	B	22	2#12, 1#12G, 3/4"C
15186	DISHWASHER	208V	6344	40A	B	5,7	3#6, 1#10G, 3/4"C
18029	ICE MACHINE - DISPENSER	120V	1200	20A	B	25	2#12, 1#12G, 3/4"C
23184	ICE MACHINE - DIVERTER	120V	180	20A	B	27	2#12, 1#12G, 3/4"C
21679	NITROGEN GENERATOR	120V	500	20A	A	5	2#12, 1#12G, 3/4"C
20011	NITRO COOLER	120V	500	20A	B	48	2#12, 1#12G, 3/4"C
19742	MASTRENA ESPRESSO MACHINE	208V	5800	40A	B	9,11	3#6, 1#10G, 3/4"C
19742	MASTRENA ESPRESSO MACHINE	208V	5800	40A	B	17,19	3#6, 1#10G, 3/4"C
19742	MASTRENA ESPRESSO MACHINE	208V	5800	40A	B	21,23	3#6, 1#10G, 3/4"C
23442	COMBI-OVEN	208V	8500	50A	B	56,58,60	3#6, 1#10G, 3/4"C
23444	WARMING WALL	208V	6000	30A	B	37,39	2#10, 1#10G, 3/4"C
16238	FOOD CASE	208V	1746	20A	B	1,3	2#12, 1#12G, 3/4"C
23421	ICE DISPENSER	120V	500	20A	B	61	2#12, 1#12G, 3/4"C
23419	MILK DISPENSER	120V	500	20A	B	24	2#12, 1#12G, 3/4"C
23419	MILK DISPENSER	120V	500	20A	B	24	2#12, 1#12G, 3/4"C
23419	MILK DISPENSER	120V	500	20A	B	26	2#12, 1#12G, 3/4"C

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 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 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.
- ALL SINGLE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 50 AMPERES OR LESS AND THREE-PHASE RECEPTACLES RATED 150 VOLTS OR LESS, 100 AMPERES OR LESS INSTALLED IN THE WITHIN DRINK AREA, WORK ROOM, RESTROOM & FOOD PREP AREA, SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION.
- ALL RECEPTACLES WITHIN 6'-0" OF SINK SHALL BE GFCI.

KEYED NOTES

- 1. NEW ELECTRICAL PANELS. REFER TO SHEET E601 FOR ADDITIONAL INFORMATION.
- 2. REFER TO LANDLORD DRAWINGS AND SHEET E601 FOR LOCATION AND ADDITIONAL INFORMATION ON MAIN ELECTRICAL SERVICE.
- 3. PROVIDE VENSTAR LIGHTING CONTROL PANEL PER SPECIFICATIONS SHOWN ON SHEET E504.
- 4. 1'-10" WIDE X 3/4" THICK PAINTED TELEPHONE BACKBOARD. VERIFY FINAL LOCATION WITH OWNER.
- 5. COORDINATE EXACT MOUNTING HEIGHT WITH PLUMBING EQUIPMENT.
- 6. PROVIDE 4-SQUARE J-BOX WITH 1" CONDUIT AND PULLSTRING STUBBED +6" ABOVE CEILING SPACE. REFER TO SHEET E503 DETAIL 1 FOR MANAGERS DESK FOR EXACT LOCATION OF RECEPTACLE AND TELEDATA OUTLETS. REFER TO STARBUCKS DETAILS FOR EXACT MOUNTING HEIGHTS.
- 7. 4' WIDE X 3/4" THICK PAINTED TELEPHONE BACKBOARD FOR DATA RACK. VERIFY FINAL LOCATION WITH OWNER.
- 8. GFCI DUPLEX OUTLET UNDER COUNTER FOR INSTA-HOT FOR PREP-STATION. COORDINATED EXACT LOCATION PRIOR TO ROUGH-IN.
- 9. GFCI DUPLEX OUTLET ABOVE COUNTER FOR PREP-STATION. COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN.
- 10. EXISTING AIR CURTAINS ARE FURNISHED AND INSTALLED BY LANDLORD CONTRACTOR. FINAL CONNECTION BY TENANT CONTRACTOR.
- 11. REFER TO SHEET E601 FOR STUB UP PENETRATION DETAIL. PROVIDE UNDERGROUND CONDUIT TO NEAREST WALL AND HOMERUN BACK TO ELECTRICAL AS REQUIRED. REFER TO ARCHITECTURAL PENETRATION PLAN FOR EXACT LOCATION.
- 12. PROVIDE 4-SQUARE J-BOX FOR SECURITY, WITH 1" CONDUIT AND PULLSTRING STUBBED +6" ABOVE ACCESSIBLE CEILING SPACE AT MANAGERS DESK. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR MORE INFORMATION.
- 13. PROVIDE RECEPTACLE IN BASE OF FURNITURE. COORDINATE WITH FURNITURE INSTALLER.
- 14. FAUCET AND SOAP DISPENSER WITH MOTION SENSOR. VERIFY EXACT JUNCTION BOX ROUGH-IN LOCATION PRIOR TO INSTALLATION. PROVIDE GFCI RECEPTACLE. COORDINATE LOCATION WITH MANUFACTURERS REQUIREMENTS.
- 15. GC TO SCHEDULE WITH LOCAL REFRIGERATION CONTRACTOR TO CONDUCT INITIAL FOOD CASE START-UP AND TESTING. FOR APPROVED CONTRACTOR. CONTACT STRUCTURAL CONCEPTS (800) 433-9489 EXT. 5257. ALLOW MINIMUM 3 WEEK LEAD TIME PRIOR TO STORE TURNOVER.
- 16. GC TO DETACH REMOVABLE FRONT SECTION OF FOOD CASE TO CLEAR DOOR OPENING. REFER TO MANUFACTURER'S INSTRUCTIONS POSTED ON FRONT CASE.
- 17. PROVIDE WP/GFCI RECEPTACLE WITH WHILE-IN USE COVER PLATES.
- 18. FLOOR POWER/DATA; SEE PENETRATION PLAN FOR EXACT DIMENSIONING OR LOCATION. PROVIDE FLUSH FLOOR MOUNTED RECEPTACLE WITH BRASS COVER PLATE. COORDINATE EXACT REQUIREMENTS WITH OWNER'S REPRESENTATIVE.
- 19. EXHAUST FAN (EF-1) SERVING RESTROOMS ON ROOF AND IS TO CONTINUOUSLY RUN DURING STORE HOURS VIA TIMELOCK.
- 20. PROVIDE 120V, 20A CIRCUIT TO NEW RECIRCULATING PUMP.
- 21. PROVIDE 120V, 20A CIRCUIT TO NEW ELECTRIC WATER HEATER.



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

DESIGN DEVELOPMENT ONLY - NOT INTENDED FOR CONSTRUCTION USE



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STARBUCKS TEMPLATE VERSION: i2021.10.22



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OVIEDO, FL 32765**

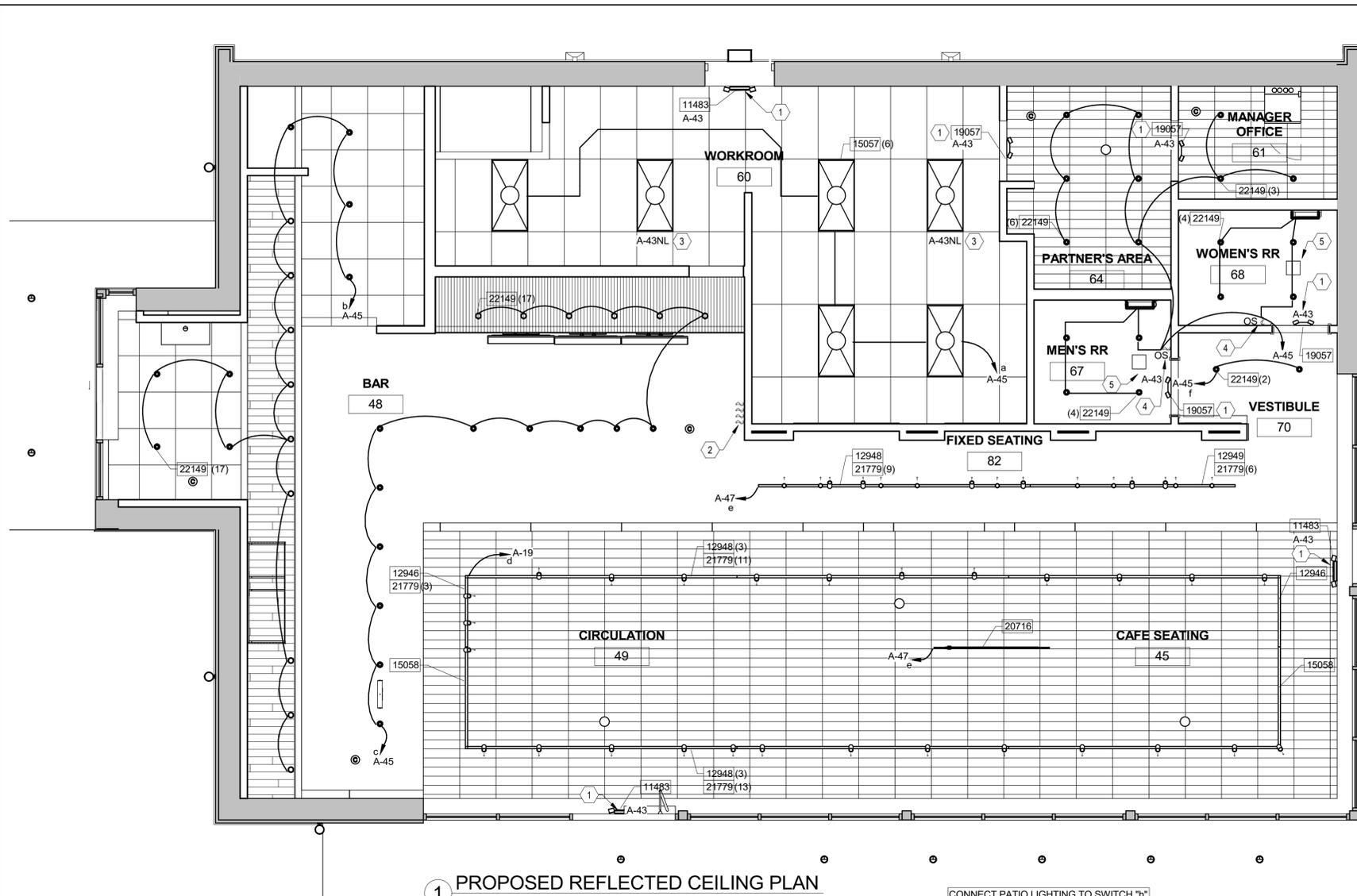
STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER:
PRODUCTION DESIGNER: J.GEARY
CHECKED BY:

Revision Schedule			
Rev	Date	By	Description
		JWG	
		JWG	

SHEET TITLE:
POWER PLAN

SCALE: AS SHOWN

SHEET NUMBER:
E101



1 PROPOSED REFLECTED CEILING PLAN
Scale: 1/4" = 1'-0"

EGRESS LIGHTING NOTES

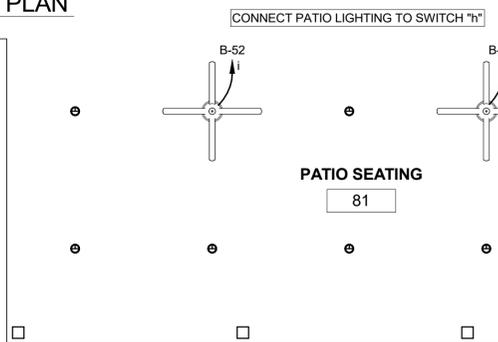
- A. EXIT SIGNS SHALL BE INTERNALLY ILLUMINATED, LISTED AND LABELED IN ACCORDANCE WITH UL 924 AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- B. ANYTIME A BUILDING OR A PORTION OF A BUILDING IS OCCUPIED, THE MEANS OF EGRESS SERVING THE OCCUPIED PORTION SHALL BE ILLUMINATED AT AN INTENSITY OF NOT LESS THAN 1 FOOT CANDLE (11 LUX) AT THE WALKING SURFACE LEVEL. (1006)
- 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. (1006.3):
 - 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.
 - 4) INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECTION 1027.1 IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - 5) EXTERIOR LANDINGS, AS REQUIRED BY SECTION 1008.1.6 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. (1008.1.9.3)

GENERAL NOTES

- A. 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.
- B. PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES/SUPPORTS.
- C. CENTER EMERGENCY/EXIT LIGHTS ABOVE DOORS, UNLESS OTHERWISE NOTED.
- D. ADJUST FOCUS OF ALL TRACK AND RECESSED DIRECTIONAL LIGHTING TO FULLY ILLUMINATE ALL ARTWORK, MENU BOARDS, AND MERCHANDISE BAYS. COORDINATE AIMING WITH OWNER.
- E. IF PENDANT CYLINDERS SUSPENDED LENGTH EXCEEDS 48" (1220MM) FROM CEILING, REPLACE WITH SURFACE MOUNTED CYLINDER CANS AND SUSPEND WITH GENERAL CONTRACTOR SUPPLIED CONDUIT AND J-BOX TO INDICATED HEIGHT.

KEYED NOTES

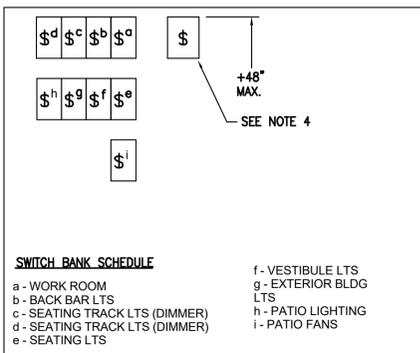
- 1. EMERGENCY/EXIT LIGHTING FIXTURES SHALL BE CONNECTED TO LOCAL CIRCUIT AHEAD OF ANY SWITCHING AND RELAYS. BATTERY BACKUP TO PROVIDE AT LEAST 90 MINUTES OF EMERGENCY ILLUMINATION AND MAINTAIN NOT LESS THAN 60% OF THE INITIAL EMERGENCY ILLUMINATION PER NEC 700.12(F). PROVIDE SCREW TYPE LO'S AT THE BREAKER.
- 2. LIGHTING SWITCHING BANK. SEE DETAILS ON THIS SHEET FOR ADDITIONAL INFORMATION. VERIFY FINAL LOCATION WITH STARBUCKS REPRESENTATIVE PRIOR TO ROUGH-IN.
- 3. NIGHT LIGHT 'NL' FIXTURE SHALL BE CONNECTED WITH UNSWITCHED 'HOT' CONDUCTOR FROM 'NIGHT LIGHT/EXIT SIGN' CIRCUIT. VERIFY WITH STARBUCKS REPRESENTATIVE FOR EXACT QUANTITY AND LOCATION OF LIGHT FIXTURES.
- 4. PROVIDE COVERPLATE AND PASSIVE INFRARED MOTION SENSOR DEVICE WITH SAME FINISH. COLOR WHITE.
- 5. CONNECT EXHAUST FANS TO RESTROOM LIGHTING CIRCUIT AND CONTROLS.



DESIGN ID	COUNT	DESCRIPTION	FURN. BY	RESP.	BULB	Wattage	COLOR TEMP.	COMMENTS
EXIT								
11483	1	EXIT - SECURITY LIGHT WALL MOUNTED	SB	GC	HID 150W OR EQUAL		3200 K	
19044	3	LED EXIT SIGN WITH EMERGENCY LIGHT - WHITE AND RED	SB	GC	INTEGRATED LED		3200 K	
19057	4	LED EMERGENCY LIGHT DOUBLE - BLACK	SB	GC	INTEGRATED LED		3200 K	
PENDANT								
20716	1	PENDANT - HOLLIS AND MORRIS LINK - 6FT 183CM - BLACK OAK	SB	GC	INTEGRATED LED	24W	3500 K	
RECESSED CAN								
14922	19	CAN - ADJUSTABLE RECESSED - 4IN 100MM - WHITE	SB	GC	(1) LED A19 2700K OR EQUAL - DESIGNER TO SPECIFY LUMEN OUTPUT	16W	3500 K	
22249	54	CAN - LED DOWNLIGHT - 3IN 75MM - WHITE - 700LM WF	SB	GC	INTEGRATED LED	16W	3500 K	
SCONCE								
20748	2	SCONCE - KUZCO PLUTO TRIPLE - CHROME			INTEGRATED LED			
20750	2	SCONCE - KUZCO PLUTO TRIPLE - VINTAGE BRASS			INTEGRATED LED			
STRIP								
22215	5	STRIP - LED TAPE IN HOUSING - VARIABLE LENGTH - BLACK - 350LM PER FT	SB	GC	INTEGRATED LED		3200 K	REQUIRED (V.I.F.): (1) 234 IN (1) 218 IN
TRACK								
12946	2	TRACK - WITH CONNECTORS - 4FT 122CM - BLACK - 1 CIRCUIT	SB	GC				
12946	2	TRACK - WITH CONNECTORS - 4FT 122CM - WHITE - 1 CIRCUIT	SB	GC				INSTALL CURRENT LIMITING FEED 1-CIRCUIT RCLF1 1BL BY JUNO. REFER TO ELECTRICAL PLANS FOR MORE INFORMATION.
12948	7	TRACK - WITH CONNECTORS - 16FT 488CM - BLACK - 1 CIRCUIT	SB	GC				
12949	1	TRACK - WITH CONNECTORS - 12FT 365CM - BLACK - 1 CIRCUIT	SB	GC				
15058	2	TRACK - WITH CONNECTORS - 6FT 183CM - BLACK - 1 CIRCUIT	SB	GC				
21779	42	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD	SB	GC	INTEGRATED LED	10W		
TROFFER								
15057	6	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4000LM	SB	GC	INTEGRATED LED	40W	3500 K	

STARBUCKS OWNER'S PROJECT REQUIREMENTS AND BASIS OF DESIGN

	OPR	BOD
LIGHTING		
FOH		
SWITCHING	ON / OFF MANUAL	ON / OFF MANUAL
DAYLIGHT CONTROLS	AS REQUIRED BY CODE, DIMMING PREFERRED	DIMMING
OCCUPANCY	AS REQUIRED BY CODE	N/A
TIME CONTROL	AS REQUIRED BY CODE	TIME CLOCK / EMS
WORKROOM/BOH		
CONTROL	MANUAL	MANUAL
OCCUPANCY	AS REQUIRED BY CODE	N/A
TIME CONTROL	AS REQUIRED BY CODE	TIME CLOCK / EMS
RESTROOM		
CONTROL	OCCUPANCY W/ MANUAL OVERRIDE	OCCUPANCY W/ MANUAL OVERRIDE
TIME DELAY	5 MINUTES	5 MINUTES
INTERIOR SIGNAGE		
SCHEDULE	STORE OPEN TO CLOSE	STORE OPEN TO CLOSE
CONTROL	TIME CLOCK / EMS	TIME CLOCK / EMS
EXTERIOR SIGNAGE		
SCHEDULE	ON 30 MINUTES PRIOR TO OPEN AND OFF AT CLOSE. PHOTO CELL ON/OFF BASED ON LIGHT	ON 30 MINUTES PRIOR TO OPEN AND OFF AT CLOSE. PHOTO CELL ON/OFF BASED ON LIGHT
CONTROL	PHOTOCELL / TIME CLOCK / EMS	PHOTOCELL/TIME CLOCK/EMS
EXTERIOR LIGHTING		
SCHEDULE	TYPICAL: TIME OFF 1 HOUR AFTER CLOSING AND 1 HOUR PRIOR TO OPEN. PHOTOCELL ON/OFF WITHIN TIME PERIOD. 24 HOUR STORE: PHOTOCELL ON / OFF. NO TIME OFF.	TYPICAL: TIME OFF 1 HOUR AFTER CLOSING AND 1 HOUR PRIOR TO OPEN. PHOTOCELL ON/OFF WITHIN TIME PERIOD. 24 HOUR STORE: PHOTOCELL ON/OFF. NO TIME OFF.
CONTROL	PHOTOCELL / TIME CLOCK / EMS	PHOTOCELL/TIME CLOCK/EMS



- SWITCH BANK SCHEDULE**
- SWITCHING NOTES:**
1. CONTRACTOR SHALL COORDINATE/VERIFY SWITCHING CONTROL WITH ARCHITECT/OWNER. MAXIMUM HEIGHT OF TOP OF SWITCH IS 48" AFF.
 2. PROVIDE PERMANENT LABEL OF EACH CONTROL ZONE AFFIXED ABOVE CORRESPONDING SWITCH.
 3. ROUTE INTERIOR LIGHTING CIRCUITS THROUGH LIGHTING CONTROL CONTACTOR PANEL, EXCEPT FOR WIRING FEEDING EMERGENCY FIXTURES AND LIGHTS CONTROLLED BY LOCAL OCCUPANCY SENSOR.
 4. MASTER OVERRIDE SWITCH TO HAVE THE CAPABILITY TO DE-ENERGIZE THE LIGHTING ALL AT ONE TIME.

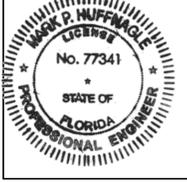
2 SWITCHBANK DETAIL
Scale: N.T.S.



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Florida Certificate of Authorization #29103

PROJECT NAME:
ALOMA & TUSKAWILLA RD

PROJECT ADDRESS:
**3645 ALOMA AVENUE
OVIEDO, FL 32765**

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER:
PRODUCTION DESIGNER: PLF
CHECKED BY:

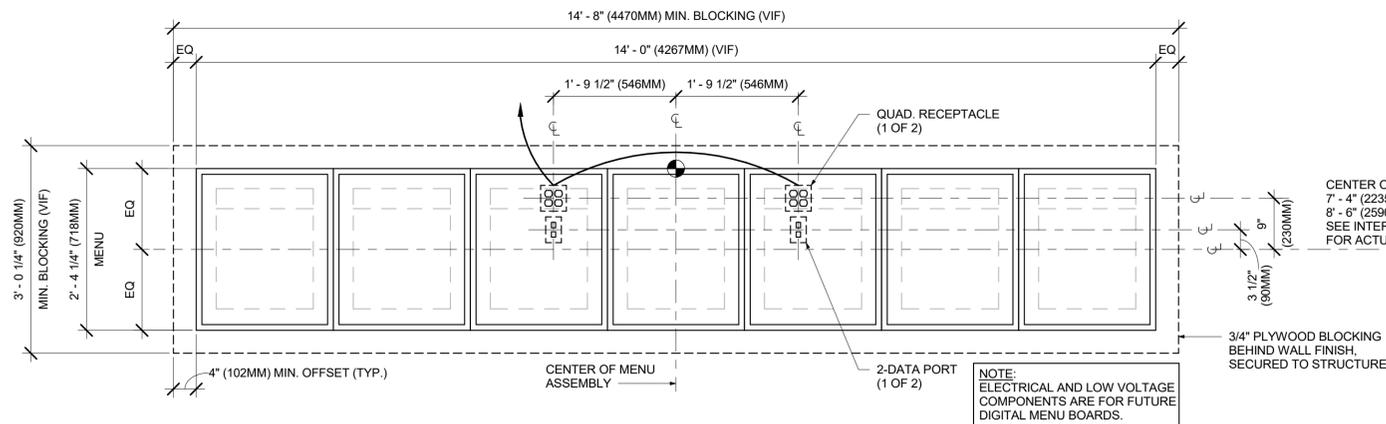
Revision Schedule			
Rev	Date	By	Description
		PLF	

SHEET TITLE:
LIGHTING PLAN

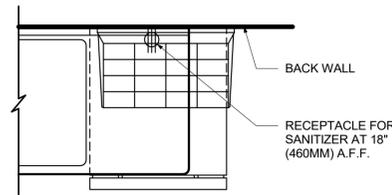
SCALE: AS SHOWN

SHEET NUMBER:
E102

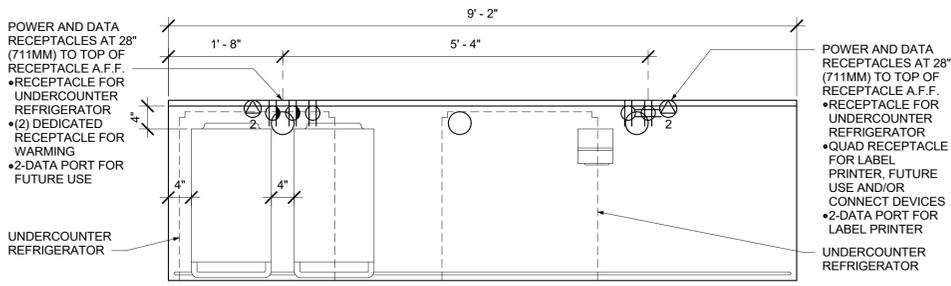
DESIGN DEVELOPMENT ONLY - NOT INTENDED FOR CONSTRUCTION USE



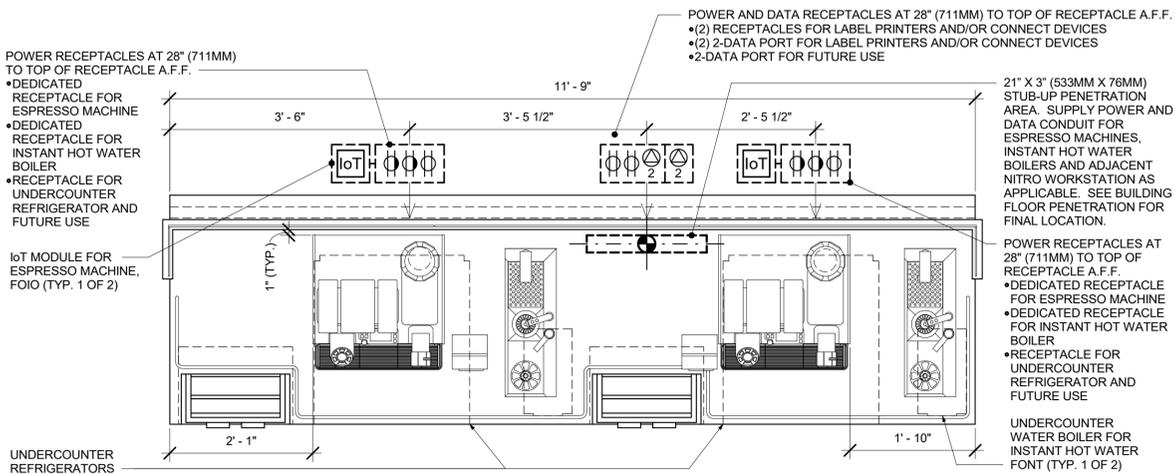
2 INFRASTRUCTURE FOR FUTURE DIGITAL MENU BOARDS
Scale: 3/4" = 1'-0"



3 SANITIZING WORKSTATION - ELECTRICAL
Scale: 3/4" = 1'-0"



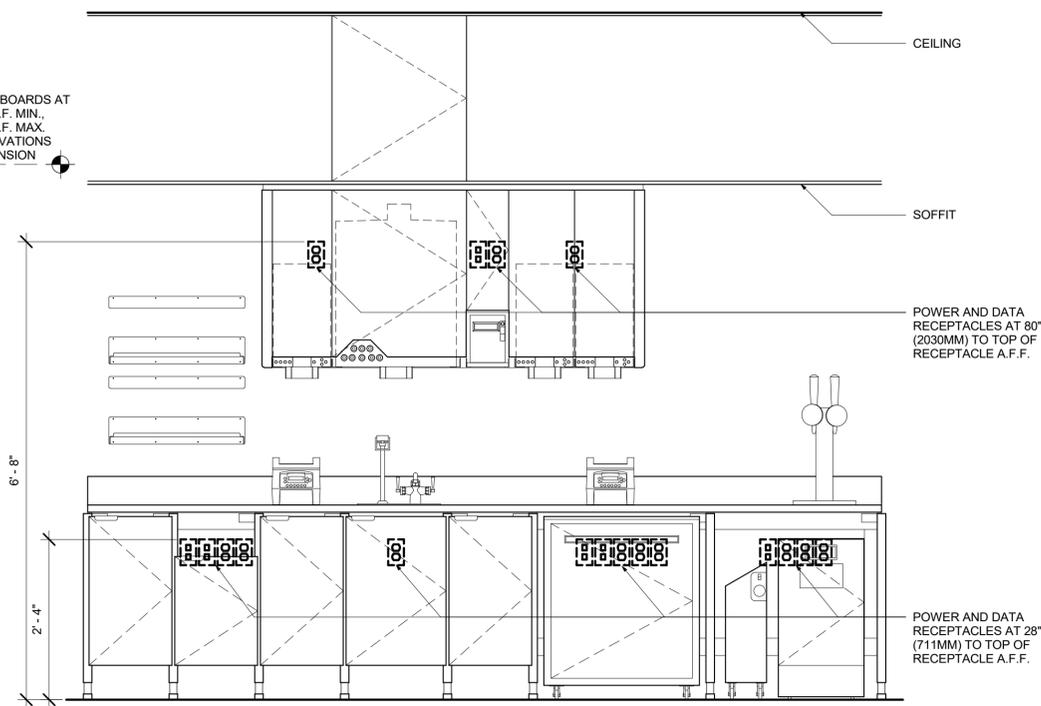
2 DTW-E-WRM 16-03 ELECTRICAL
Scale: 3/4" = 1'-0"



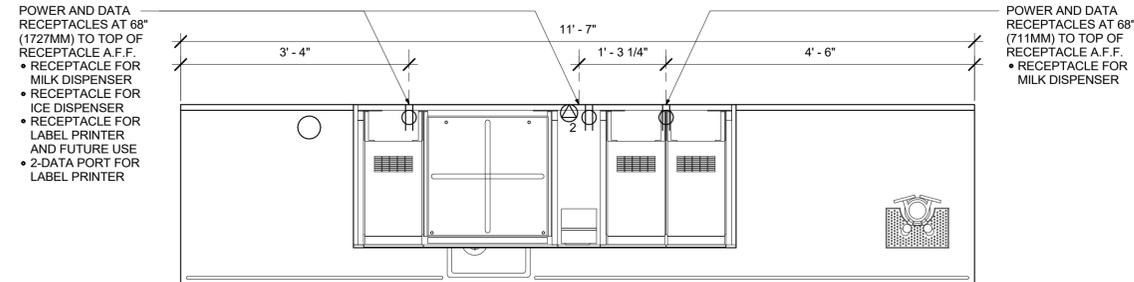
1 ESP 05-02 ELECTRICAL
Scale: 3/4" = 1'-0"

ALL RECEPTACLES IN BEVERAGE/PREP AREA SHALL BE GFCI PER NEC 210-8(B).

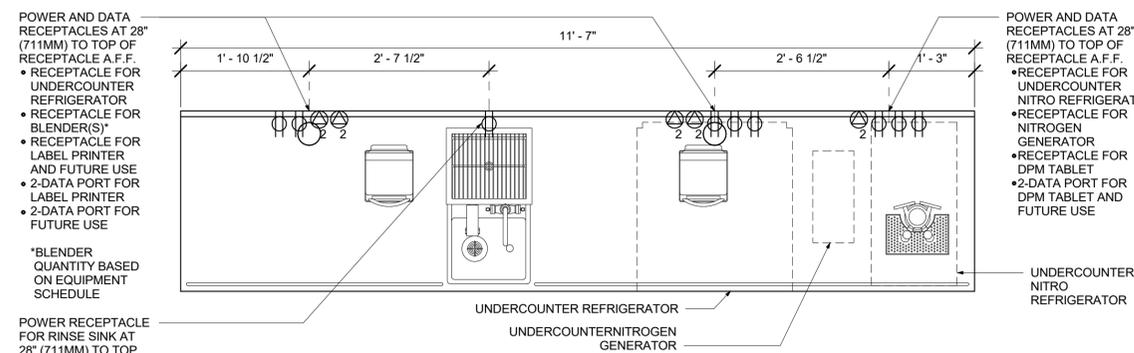
ALL DATA OUTLETS AND QUADS MUST BE ISOLATED GROUND TYPE.



ELEVATION - ELECTRICAL DIAGRAM



PLAN - UPPER ELECTRICAL DIAGRAM



PLAN - ELECTRICAL DIAGRAM

5 CBE 16-01 ELECTRICAL
Scale: 3/4" = 1'-0"



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**3645 ALOMA AVENUE
OVIEDO, FL 32765**

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER:
PRODUCTION DESIGNER: J. GEARY
CHECKED BY:

Revision Schedule			
Rev	Date	By	Description
		JWG	
		JWG	

SHEET TITLE:
ELECTRICAL DETAILS & SCHEDULES
SCALE: AS SHOWN

SHEET NUMBER:
E501

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PRODUCTION DESIGNER:
CHECKED BY:

Revision Schedule			
Rev	Date	By	Description

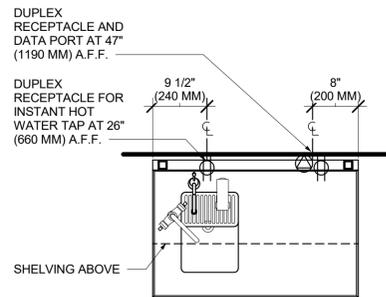
SHEET TITLE:
ELECTRICAL DETAILS & SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:

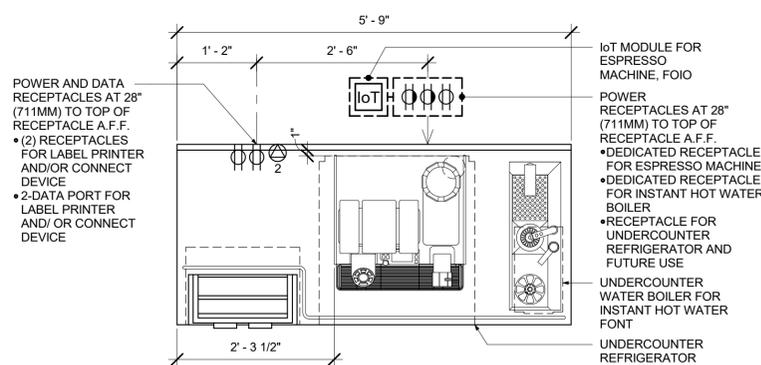
E502

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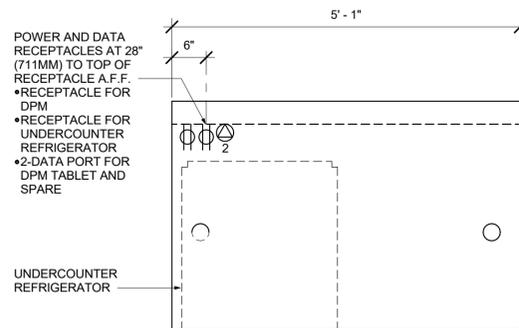
1 WATER FILLING STATION - ELECTRICAL

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



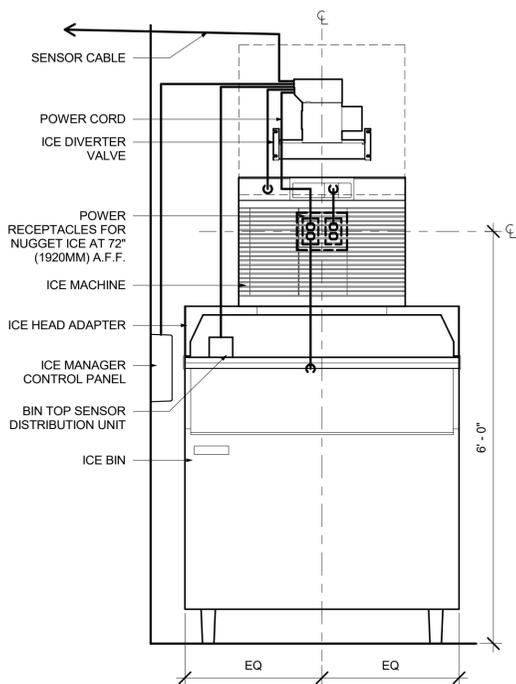
3 ESP 06-01 ELECTRICAL

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

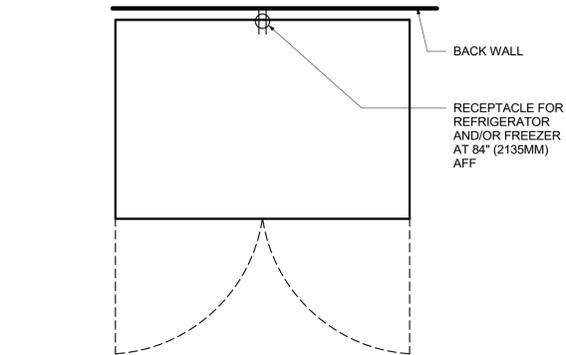


7 DTL-E-AC CHP 04-04 ELECTRICAL

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

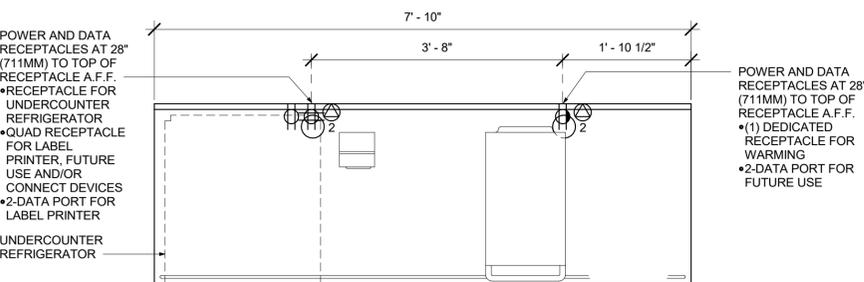


ELEVATION - ELECTRICAL DIAGRAM



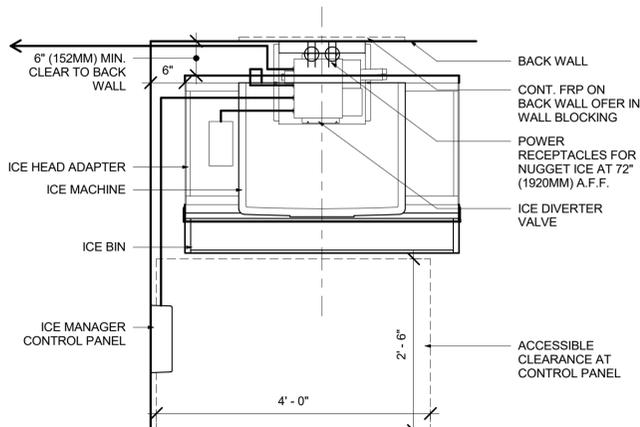
4 REFRIGERATOR/FREEZER - ELECTRICAL

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



8 WRM 13-01 ELECTRICAL

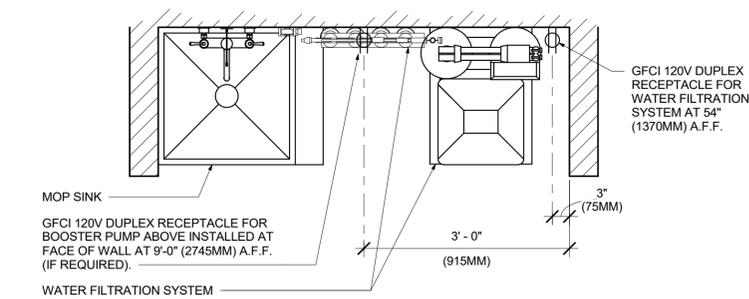
Scale: 3/4" = 1'-0"



PLAN - ELECTRICAL DIAGRAM

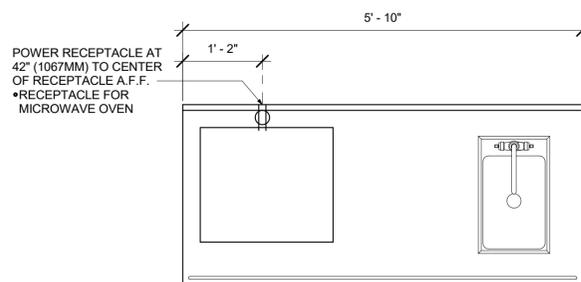
2 NUGGET ICE ELECTRICAL

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



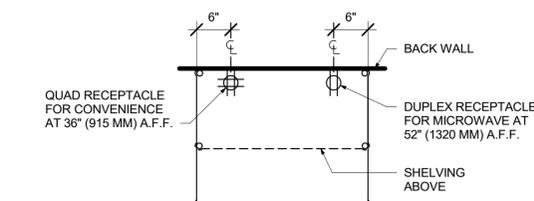
5 WATER FILTRATION - CONFIGURATION II

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



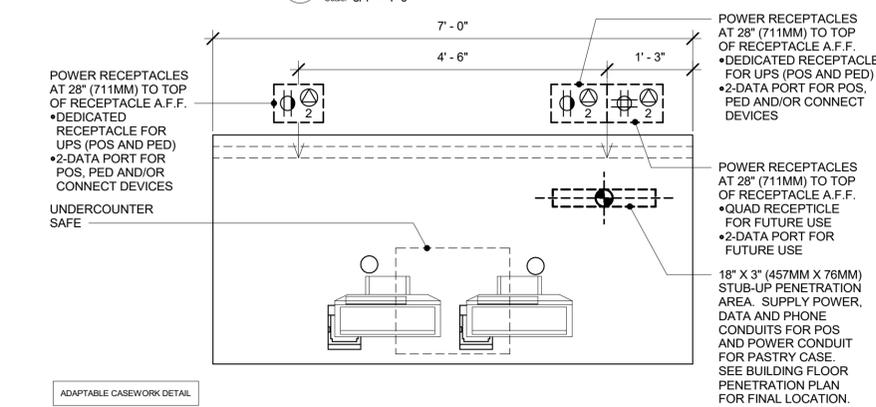
9 ADD 20-03 ELECTRICAL

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



6 PARTNER DESK - ELECTRICAL

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

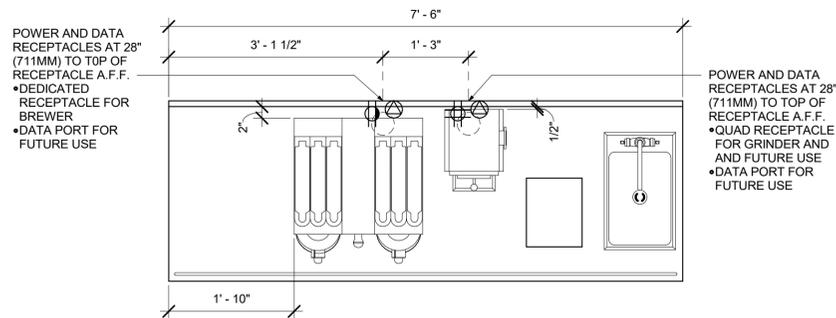


10 DTL-E-POS 05-01 ELECTRICAL

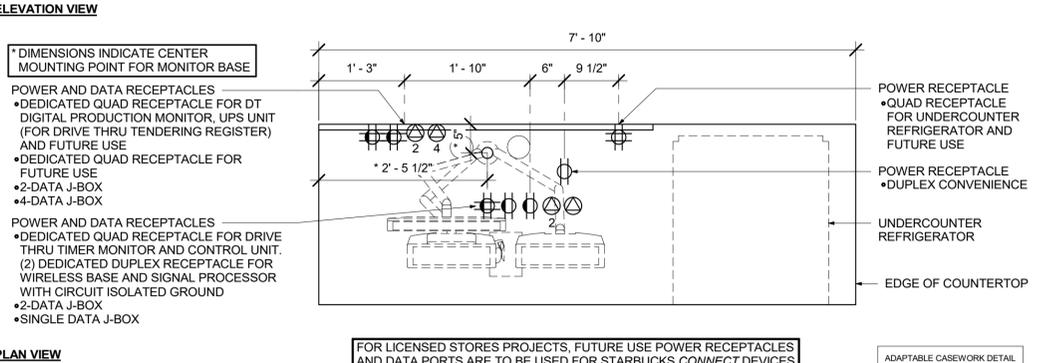
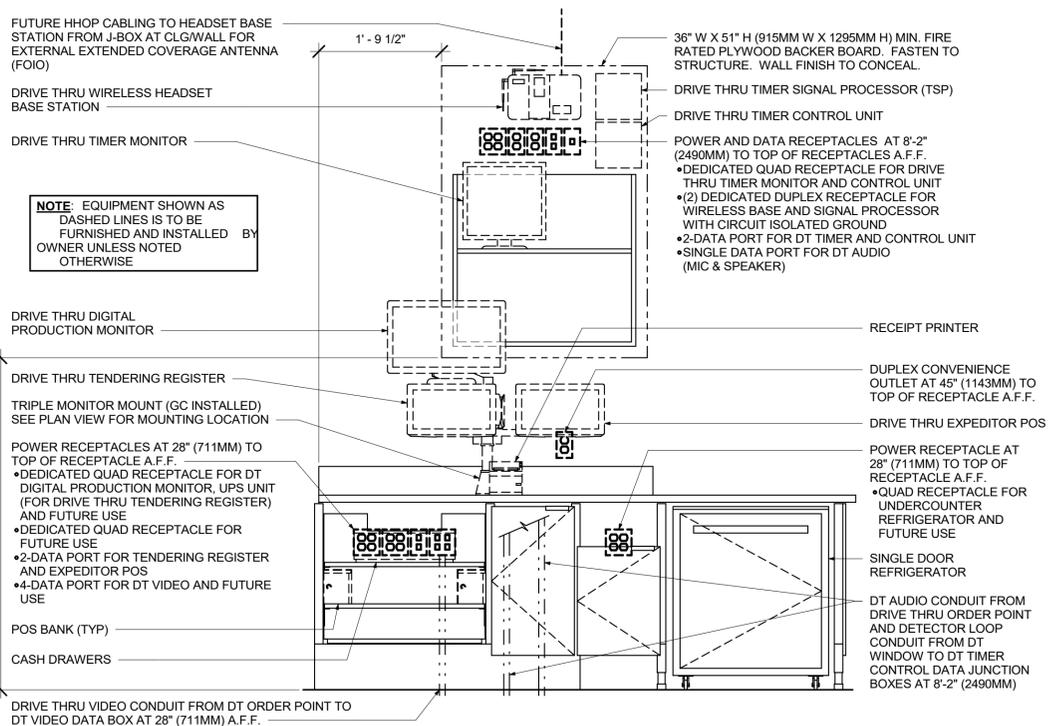
Scale: 3/4" = 1'-0"

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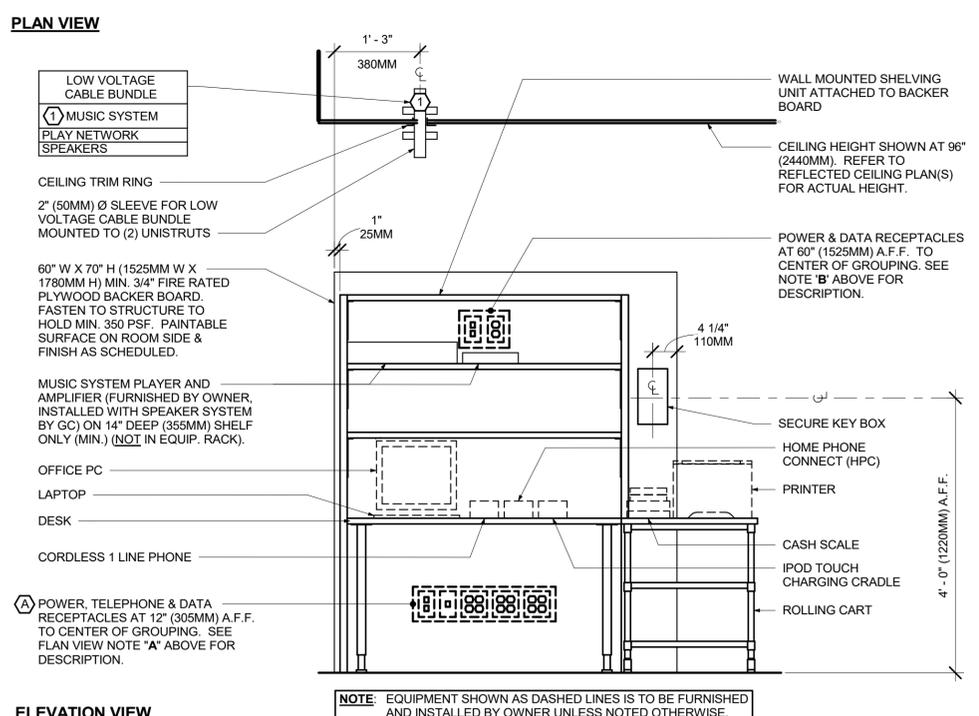
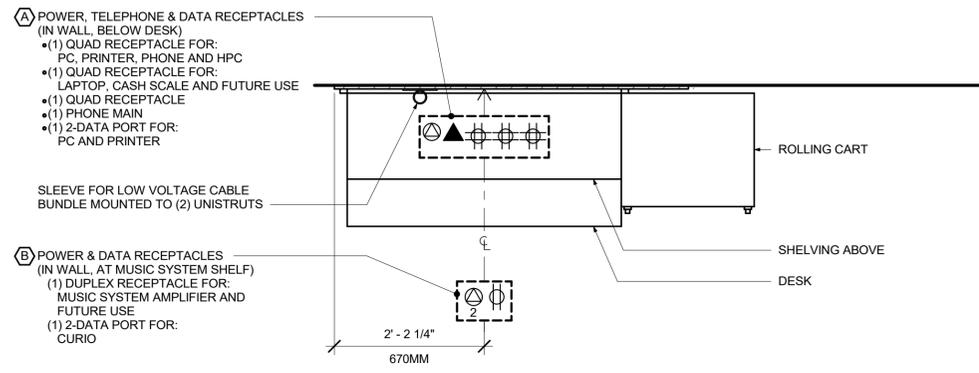
ALL DATA OUTLETS AND QUADS MUST BE ISOLATED GROUND TYPE.



3 DTL-E-BRW 09-01 ELECTRICAL
Scale: 3/4" = 1'-0"



1 POS 08-03 ELECTRICAL
Scale: 3/4" = 1'-0"



2 ELECTRICAL - MANAGERS DESK - NEW RH
Scale: 3/4" = 1'-0"



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ISSUE DATE: 09/01/2023
DESIGN MANAGER:
PRODUCTION DESIGNER:
CHECKED BY:

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL DETAILS & SCHEDULES
SCALE: AS SHOWN

SHEET NUMBER:
E503

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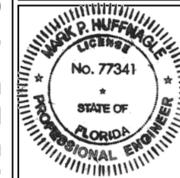


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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
VENSTAR DETAILS

SCALE: AS SHOWN

SHEET NUMBER:

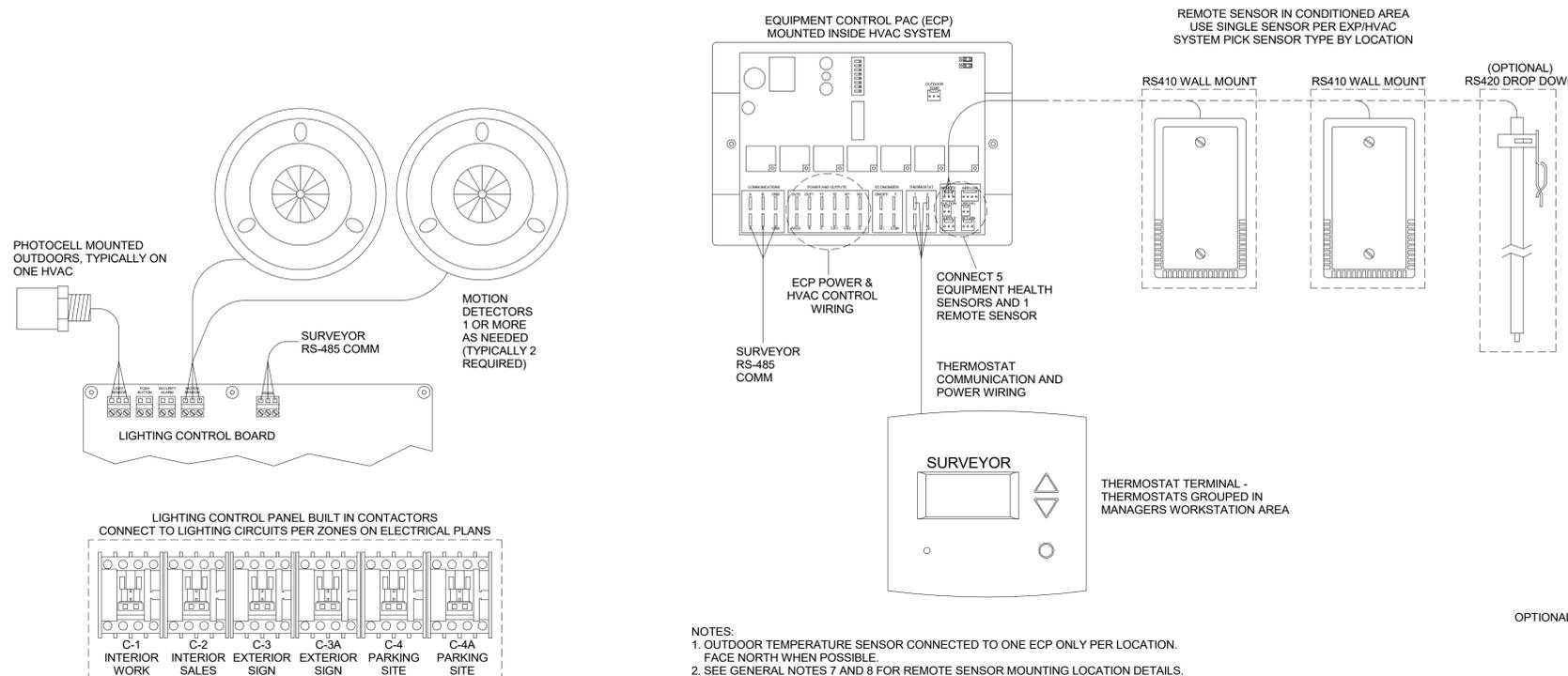
E504

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GENERAL NOTES

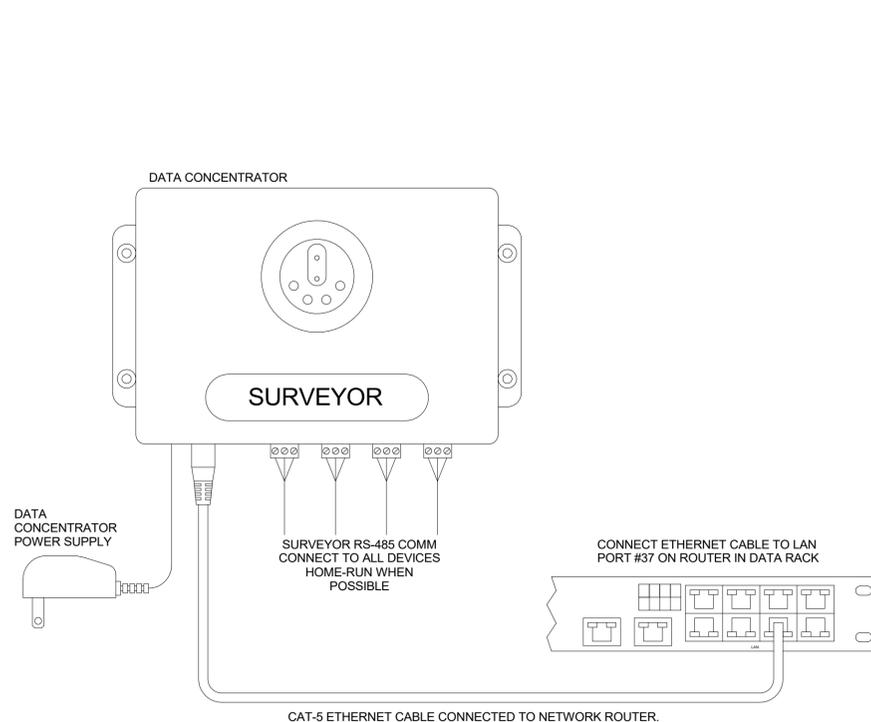
1. SURVEYOR ENERGY MANAGEMENT SYSTEM HARDWARE IS SUPPLIED BY STARBUCKS.
2. DRAWING FOR GENERAL INFORMATION, DESIGN INTENT, AND COORDINATION ONLY.
3. LOCAL BUILDING CODES TAKE PRECEDENCE OVER THIS DOCUMENT.
4. NOT ALL WIRING IS SHOWN ON THIS DRAWING. FOR CLARITY, ONLY ONE EXAMPLE OF EACH TYPE OF DEVICE 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@VENSTER.COM. HOURS 6:00 AM TO 8:00 PM PACIFIC, MON-FRI.

SURVEYOR EMS COMPONENTS			
VENSTAR PART	SBUX ITEM #	DESCRIPTION	QUANTITY
LCP401-SX	011029484	LIGHTING CONTROL PANEL	1
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 FOH HVAC
RS420	011050767	NARROW DROP DOWN SENSOR	1 PER BOH HVAC
CN18	011029495	ADDITIONAL 4 POLE CONTACTOR	AS NEEDED

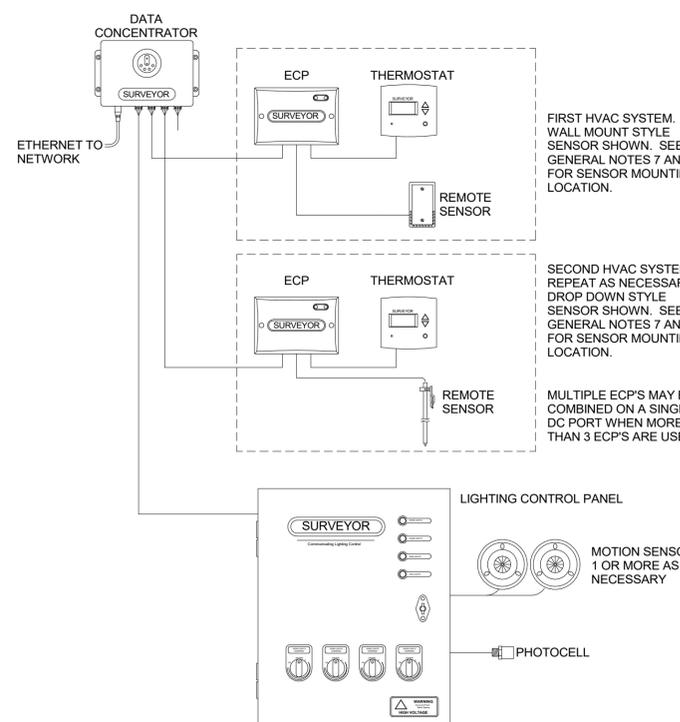


1 VENSTART EMS - FULL LIGHTING CONTROL
Scale: 3/4" = 1'-0"

2 VENSTART EMS - FULL LIGHTING CONTROL - HVAC CONTROLS
Scale: 3/4" = 1'-0"



3 VENSTART EMS - FULL LIGHTING CONTROL - DATA CONCENTRATOR
Scale: 3/4" = 1'-0"



4 VENSTART EMS - FULL LIGHTING CONTROL - BASIC LOW VOLTAGE WIRE RUNS
Scale: 3/4" = 1'-0"

Ckt. No.	Zone	Load Description	Brkr. Size	Brkr. Opts.	N.E.C. kVA	Phase	N.E.C. kVA	Brkr. Opts.	Brkr. Size	Load Description	Zone	Ckt. No.
1	E	EXTERIOR LTS	20/1		0.300	A	0.180	20/1		CUP LABELER	N	2
3	E	RECEPTS. EXTERIOR	20/1		0.540	B	0.180	20/1		RECEPTACLE WK ST	N	4
5	N	NITRO GEN	20/1	GFCI	0.500	C	0.540	20/1		RECEPTS EXTERIOR	E	6
7	E	EXTERIOR LTS	20/1		0.800	A	0.310	20/1		EF-1	E	8
9	E	RECEPTS. PATIO	20/1		0.720	B	0.480	20/1		ELECTRIC FAUCETS	N	10
11	N	MICROWAVE	20/1	GFCI	1.200	C	1.500	20/1		HAND DRYER	N	12
13	E	DOOR BELL	20/1		0.100	A	1.500	20/1		HAND DRYER	N	14
15	E	DRIVE THRU WINDOW	20/1		0.500	B	0.900	20/1		SAFE AT POS	N	16
17	E	DRIVE THRU WINDOW	20/1		0.500	C	0.500	20/1		CONSTRUCTION LIGHTS	E	18
19	N	SEATING TRACK	20/1		1.920	A	0.360	20/1		RESTROOM RECS	N	20
21	E	SPARE	30/2		0.000	B	0.200	20/1		POS RECEPTACLE	N	22
23	E	SPARE	30/2		0.000	C	0.200	20/1		POS RECEPTACLE	N	24
25	E	AIR CURTAIN	40/2		3.550	A	0.500	20/1		DRIVE THRU DSC/DCB	E	26
27	E	RECEPTS. ROOF	20/1		3.550	B	0.400	20/1		DRIVE THRU CANOPY	E	28
31	E	RTU-1	90/3		7.860	A	0.400	20/1		ILLUMINATED SIGNS	E	30
33	E	RTU-1	90/3		7.860	B	0.100	20/1		PRE MENU BOARD	E	32
35	E	RTU-1	90/3		7.860	C	0.500	GFCI 20/1		TIME CLOCK	E	34
37	E	RTU-2	90/3		7.860	A	0.000			UC REFRIGERATOR	N	36
39	E	RTU-2	90/3		7.860	B	0.000			UC REFRIGERATOR	N	38
41	E	RTU-2	90/3		7.860	C	0.000			UC REFRIGERATOR	N	42
43	N	EM/EXIT LIGHTS	20/1	LO	0.135	A	0.180	20/1		RECEPTACLE WK ST	N	44
45	N	BOH LIGHTS	20/1		1.032	B	0.360	20/1		RECEPTACLE WK ST	N	46
47	N	SEATING LIGHTING	20/1		0.860	C	0.360	20/1		RECEPTACLE WK ST	N	48
49	N	CUP LABELER	20/1		0.360	A	0.360	20/1		RECEPTACLE WK ST	N	50
51	N	UC REFRIGERATOR	20/1	GFCI	0.500	B	0.360	20/1		CUP LABELER	N	52
53	N	BLENDER	20/1	GFCI	1.800	C	0.360	20/1		CUP LABELER	N	54
55	N	FUTURE USE DIGITAL MENU	20/1		0.720	A	1.000	GFCI 20/1		INSTA-HOT	N	56
57	N	COMMUN. TABLE REC	20/1		0.360	B	1.000	GFCI 20/1		INSTA-HOT	N	58
59	N	RECIRC PUMP	20/1		0.506	C	1.000	GFCI 20/1		INSTA-HOT	N	60
61	N	WATER HEATER	20/1		1.920	A	0.000	20/1		SPARE	E	62
63	E	SPARE	20/1		0.000	B	0.000	20/1		SPARE	E	64
65	E	SPARE	20/1		0.000	C	0.000	20/1		SPARE	E	66

Notes:
 * All circuit breakers to be 20-Amp, 1-Pole unless otherwise noted.
 ** All Phases to be balanced to within 10% using Actual Load Totals.

N.E.C. Connected Totals: Ph.A	30.315	kVA
N.E.C. Connected Totals: Ph.B	26.902	kVA
N.E.C. Connected Totals: Ph.C	27.006	kVA
Total	84.223	kVA

Connected Load: 233.8 amps
 NEC Demand Feeder Load: 391.9 amps

Breaker Options:
 AS Powerlink AS Breaker
 LO Handle lock-on device
 ST Shunt Trip Type
 AUX Auxiliary Contacts
 PA Handle Padlock Attachment
 GFCI Ground Fault Circuit Interrupter
 HACR Heating, A/C & Refrigeration
 SF Subfeed
 AFCI Arc Fault Circuit Interrupter

E Existing Circuit to remain
 IG Isolated Ground Circuit

Ckt. No.	Zone	Load Description	Brkr. Size	Brkr. Opts.	N.E.C. kVA	Phase	N.E.C. kVA	Brkr. Opts.	Brkr. Size	Load Description	Zone	Ckt. No.
1	N	FOOD CASE	20/2	GFCI	0.873	A	3.000	GFCI	40/2	EKON OVEN	N	2
3	N	FOOD CASE	20/2	GFCI	0.873	B	3.000	GFCI	40/2	EKON OVEN	N	4
5	N	DISHWASHER	40/2	GFCI	3.172	C	3.000	GFCI	40/2	EKON OVEN	N	6
7	N	DISHWASHER	40/2	GFCI	3.172	A	3.000	GFCI	40/2	EKON OVEN	N	8
9	N	ESPRESSO MACHINE	40/2	GFCI	2.900	B	1.000	GFCI 20/1		REACH IN FRIDGE 1 DOOR	N	10
11	N	ESPRESSO MACHINE	40/2	GFCI	2.900	C	1.000	GFCI 20/1		REACH IN FRIDGE 1 DOOR	N	12
13	N	DUAL BREWER	50/2	GFCI	4.100	A	1.200	GFCI 20/1		REACH IN FRIDGE 2 DOOR	N	14
15	N	DUAL BREWER	50/2	GFCI	4.100	B	1.200	GFCI 20/1		REACH IN FRIDGE 2 DOOR	N	16
17	N	ESPRESSO MACHINE	40/2	GFCI	2.900	C	0.600	GFCI 20/1		WATER SYSTEM	N	18
19	N	ESPRESSO MACHINE	40/2	GFCI	2.900	A	1.320	GFCI 20/1		REACH IN FREEZER 2 DOOR	N	20
21	N	ESPRESSO MACHINE	40/2	GFCI	2.900	B	1.320	GFCI 20/1		REACH IN FREEZER 2 DOOR	N	22
23	N	ESPRESSO MACHINE	40/2	GFCI	2.900	C	1.000	GFCI 20/1		MILK DISPENSER	N	24
25	N	ICE MACHINE DISPENSER	20/1	GFCI	1.200	A	1.000	GFCI 20/1		MILK DISPENSER	N	26
27	N	ICE MACHINE DIVERTER	20/1	GFCI	0.180	B	1.200	GFCI 20/1		PREP STATION INSTA HOT	N	28
29	N	UC FRIDGE & CUP LABEL	20/1	GFCI	0.800	C	0.500	GFCI 20/1		PREP STATION RECEP	N	30
31	N	UC REFRIGERATOR	20/1	GFCI	0.500	A	0.360	GFCI 20/1		DT TIMER	N	32
33	N	UC REFRIGERATOR	20/1	GFCI	0.500	B	1.300	GFCI 20/1		DT WIRELESS BASE	N	34
35	N	UC REFRIGERATOR	20/1	GFCI	0.500	C	0.500	GFCI 20/1		UC REFRIGERATOR	N	36
37	N	WARMING WALL	30/2	GFCI	3.000	A	1.400	GFCI 20/1		GRINDER	N	38
39	N	WARMING WALL	30/2	GFCI	3.000	B	0.800	GFCI 20/1		UC FRIDGE & LABELER	N	40
41	E	SPARE	20/1	GFCI	0.000	C	0.180	GFCI 20/1		DT SIGNAL PROCESSOR	N	42
43	E	SPARE	20/1		0.000	A	0.360	GFCI 20/1		DT REGISTER AND EXP.	N	44
45	E	SPARE	20/1		0.000	B	0.360	GFCI 20/1		DT REGISTER AND EXP.	N	46
47	E	SPARE	20/1		0.000	C	0.500	GFCI 20/1		NITRO COOLER	N	48
49	E	SPARE	20/1		0.000	A	1.800	GFCI 20/1		BLENDER	N	50
51	N	DT CONV. RECEPT.	20/1	GFCI	0.180	B	0.500	20/1		PATIO FAN WEST	N	52
53	N	UC REFRIGERATOR	20/1	GFCI	1.000	C	0.500	20/1		PATIO FAN EAST	N	54
55	E	SPARE	20/1		0.000	A	2.833					56
57	N	WORKSTATION RCPT	20/1		0.360	B	2.833	GFCI	50/3	COMBI OVEN	N	58
59	N	WORKST. MICROWAVE	20/1		1.200	C	2.833					60
61	N	ICE DISPENSER	20/1	GFCI	0.500	A	0.180	GFCI 20/1		FUTURE USE REC	N	62
63	N	UC REFRIGERATOR	20/1	GFCI	1.000	B	0.180	GFCI 20/1		RECEPT. AT RINSE SINK	N	64
65	N	UC REFRIGERATOR	20/1	GFCI	0.500	C	0.000			SPACE	E	66

Notes:
 * All circuit breakers to be 20-Amp, 1-Pole unless otherwise noted.
 ** All Phases to be balanced to within 10% using Actual Load Totals.

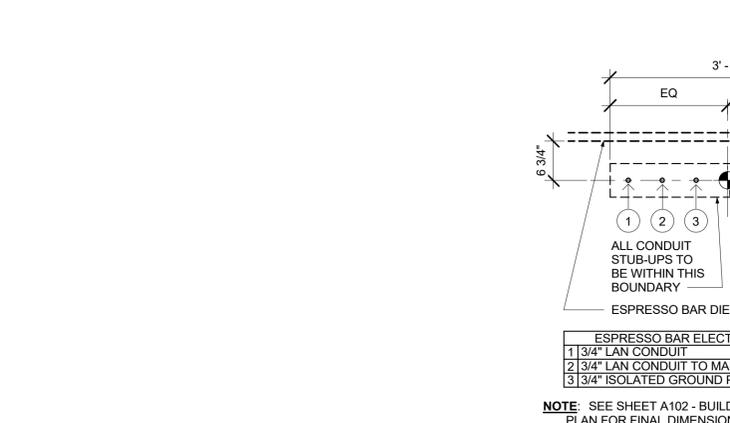
N.E.C. Connected Totals: Ph.A	32.698	kVA
N.E.C. Connected Totals: Ph.B	29.686	kVA
N.E.C. Connected Totals: Ph.C	26.485	kVA
Total	88.869	kVA

Connected Load: 246.7 amps
 NEC Demand Feeder Load: 168.9 amps

Breaker Options:
 AS Powerlink AS Breaker
 LO Handle lock-on device
 ST Shunt Trip Type
 AUX Auxiliary Contacts
 PA Handle Padlock Attachment
 GFCI Ground Fault Circuit Interrupter
 HACR Heating, A/C & Refrigeration
 SF Subfeed
 AFCI Arc Fault Circuit Interrupter

E Existing Circuit to remain
 IG Isolated Ground Circuit

SUPPLY	CIRCUIT NUMBER	NUMBER OF POLES	CURRENT	CONTROL TYPE	LIGHTING CONTROL ZONE	LOAD NAME
LCP	-	-	-	RELAY	Z1	SPARE
A	30	1	5.0A	RELAY	Z2	ILLUMINATED SIGNS (EXIST)
A	28	1	3.3A	RELAY	Z3	DRIVE THRU CANOPY (EXIST)
A	7	1	6.7A	RELAY	Z4	EXTERIOR LIGHTS (EXIST)
A	1	1	2.5A	RELAY	Z5	EXTERIOR WALL PACKS (EXIST)
A	19	1	16A	RELAY	Z6	SEATING TRACK (NEW)
A	45	1	8.6A	RELAY	Z7	BOH LIGHTS (NEW)
A	47	1	7.2A	RELAY	Z8	SEATING LIGHTING (NEW)



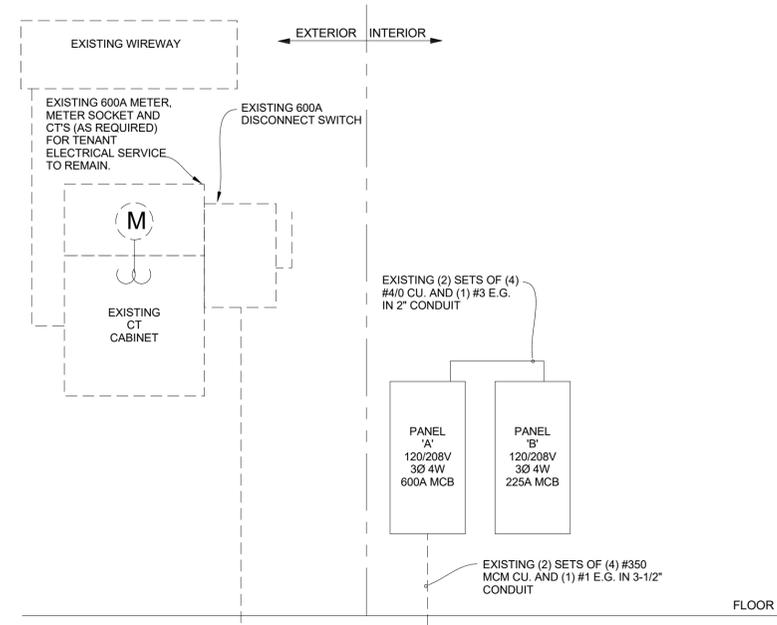
① STUB-UPS AT ESPRESSO BAR Scale: 3/4" = 1'-0"

② STUB-UPS AT POS Scale: 3/4" = 1'-0"

DESCRIPTION	N.E.C. CONNECTED kVA	NEC DEMAND NOTES	N.E.C. DEMAND FACTOR	N.E.C. DEMAND kVA
LIGHTING (CONTINUOUS)	7.447	(1)	1.25	9.309
TRACK LIGHT DEMAND ALLOWANCE	-	(2)	-	0.000
SHOW WINDOW DEMAND ALLOWANCE	-	(3)	-	0.000
KIT APPLIANCE	71.065	(4)	0.65	46.192
RECEPTACLES	27.804	(5)	-	18.902
MOTORS	2.816	(6)	-	2.816
HVAC SYSTEM	54.260	(7)	-	54.260
HVAC SYSTEM - NON COINCIDENT	0.000	(7)	0.00	0.000
ELECTRIC WATER HEATER	6.120	-	1.00	6.120
EV CHARGING	0.000	-	1.25	0.000
MISCELLANEOUS	3.580	-	1.00	3.580
Total	173.092			141.179

N.E.C. DEM. kVA X 1.000 = MINIMUM FEEDER AMPERAGE
 SYS. VOLTAGE X 1.732 = 391.9 AMPS

LOAD SUMMARY NOTES:
 [1] POWER FACTOR IS ALREADY INCLUDED IN LIGHTING LOAD.
 [2] 150VA/2FT OF LINE VOLTAGE TRACK + SUM LOW VOLTAGE XFRMS - CONNECTED LOAD
 [3] 200VA/1F - ACTUAL CONNECTED LOAD
 [4] KIT APPLIANCE DEMAND FACTOR PER NEC 220-56
 [5] 0.0 < 10KW = 100%. REMAINING = 50%
 [6] 125% OF THE LARGEST MOTOR OR COMPRESSOR IN SYSTEM APPLIED ON ONE UNIT.
 [7] EQUIPMENT WILL NOT BE OPERATING WHILE SYSTEM IS AT MAXIMUM DEMAND.



① ELECTRICAL RISER DIAGRAM Scale: N.T.S.

ALL RECEPTACLES IN BEVERAGE/PREP AREA SHALL BE GFCI PER NEC 210-8(B).

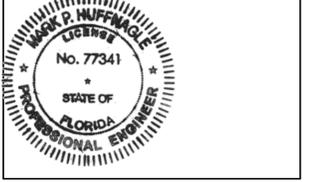
ALL DATA OUTLETS AND QUADS MUST BE ISOLATED GROUND TYPE.



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STARBUCKS TEMPLATE VERSION: i2021.10.22



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PROJECT NAME:
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PROJECT ADDRESS:
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 OVIEDO, FL 32765**

STORE #: 23308
 PROJECT #: 62233-050
 ISSUE DATE: 09/01/2023
 DESIGN MANAGER:
 PRODUCTION DESIGNER:
 CHECKED BY:

Rev	Date	By	Description
		JWG	

SHEET TITLE:
ELECTRICAL PANEL SCHEDULES
 SCALE: AS SHOWN

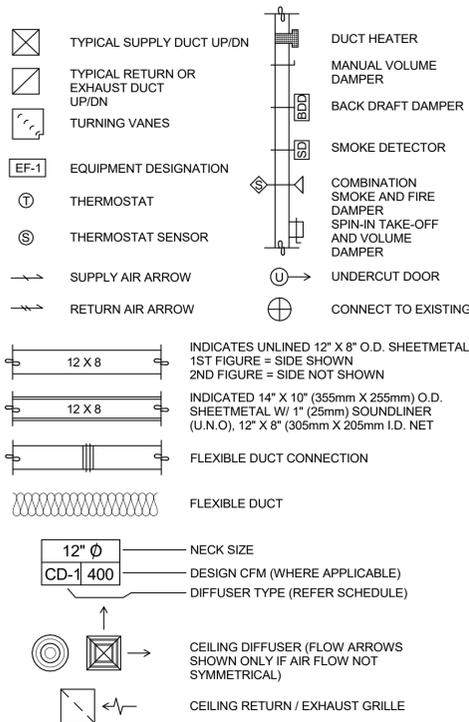
SHEET NUMBER:
E601

DESIGN DEVELOPMENT ONLY - NOT INTENDED FOR CONSTRUCTION USE

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
FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
FOIO	FURNISHED BY OWNER, INSTALLED BY OWNER
FLR	FLOOR
FT	FOOT/FEET
G	GAS PIPING
GC	GENERAL CONTRACTOR
HR	HOOR
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
REQD	REQUIRED
REV	REVISION
RT	ROOFTOP
SF	SQUARE FEET
SHT	SHEET
SPECS	SPECIFICATION(S)
SST	STAINLESS STEEL
TEMP	TEMPORARY
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UC	UNDER COUNTER
WH	WATER HEATER
WSP	WATER SOURCE HEAT PUMP

MECHANICAL SYMBOL LEGEND



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:

- CONFIGURE AS FOLLOWS:
 - DEGREES "F" DISPLAY
 - 12 HOUR CLOCK
 - CONTINUOUS FAN OPERATION IN OCCUPIED MODE
 - DISABLE KEYBOARD PROGRAMMING
- SET TIME AND DATE.
- SET TO DISPLAY CURRENT TEMPERATURE.
- 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.
- SET POINTS SHALL BE AS FOLLOWS OR AS APPROPRIATE FOR CLIMATE:
 - OCCUPIED (5° F DEADBAND) (3° C DEADBAND)
 - HEATING: 70° F (21° C)
 - COOLING: 75° F (24° C)
 - UNOCCUPIED
 - HEATING: 60° F (15° C)
 - COOLING: 78° F (25° C)
- SET TWO (2) HOUR OCCUPIED OVERRIDE FUNCTION TO PROVIDE THE FOLLOWING SET POINT OVERRIDES:
 - HEATING: +2° F (1° C)
 - 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:

- SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES.
- PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUP AND SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA.
- CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS.

CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:

- SYSTEMS SUBJECT TO COMMISSIONING MAY INCLUDE , BUT ARE NOT LIMITED TO DOMESTIC HOT WATER GENERATION, HVAC SYSTEMS, ROOFTOP EXHAUST FANS, HVAC CONTROLS, LIGHTING CONTROLS, AIR CURTAINS, BUILT-IN REFRIGERATION, EQUIPMENT AND RENEWABLE ENERGY SYSTEMS.
- CONTRACTOR SHALL PROVIDE WRITTEN RESPONSES TO ALL CXA'S REVIEWS AND COMMENTS. RESPONSES SHALL BE PROVIDED IN A TIMELY MANNER.
- 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.
- 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.
- CONTRACTOR SHALL COMPLETE MANUFACTURER'S STARTUP PROCEDURES PRIOR TO COMMISSIONING COORDINATION WITH CXA.
- CONTRACTOR SHALL BE READILY AVAILABLE DURING INSTALLATION VERIFICATION TO CORRECT ANY DEFICIENCIES OR DEFECTS IS CALLED BY THE SYSTEM INSTALLATION VERIFICATION PROCESS. CORRECTIONS SHALL BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION OF THE CONSTRUCTION SCHEDULE.
- 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.
- 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.,).
- 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.
- 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.
- 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.
- 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)

- CONTRACTOR SHALL PROVIDE A TRAINING PLAN FOR EACH TRADE (MECHANICAL, ELECTRICAL, PLUMBING, RENEWABLE SYSTEMS) 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.
- THE CONTRACTOR IS RESPONSIBLE FOR RECORDING ATTENDANCE FOR EACH TRAINING SESSION. COPIES OF THESE SHALL BE SUBMITTED TO THE CXA.
- 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, CO2 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 WITH 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

- 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.
- 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.
- 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.
- 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.
- NEW DUCTWORK AND EQUIPMENT SHALL NOT BE INSTALLED WHERE IT OBSTRUCTS ANY EXISTING OR NEW AREAS THAT REQUIRE ACCESS.
- INSULATE DUCTWORK PER CODE AND SPEC. REQUIREMENTS. COORDINATE CLEARANCE REQUIREMENTS FOR ADDED INSULATION.
- 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, UL, AR, 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 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

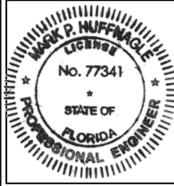
PRIOR TO BID: THE GENERAL CONTRACTOR SHALL COORDINATE WITH LANDLORD / BUILDING OWNER FOR ANY CONSTRUCTION REQUIREMENTS. IF LANDLORD / BUILDING OWNER DOES HAVE REQUIREMENTS, CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH REQUIREMENTS AND ADHERE TO THEM. WHERE LANDLORD / BUILDING OWNER REQUIREMENTS ARE MORE STRINGENT THAN SHOWN IN THESE PLANS (IN THE OPINION OF THE ENGINEER), LANDLORD / BUILDING OWNER REQUIREMENTS SHALL GOVERN.



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STARBUCKS TEMPLATE VERSION: |2021.10.22



PROJECT NAME:
ALOMA & TUSKAWILLA RD

PROJECT ADDRESS:
**3645 ALOMA AVENUE
OVIEDO, FL 32765**

STORE #:	23308
PROJECT #:	62233-050
ISSUE DATE:	09/01/2023
DESIGN MANAGER:	
PRODUCTION DESIGNER:	EC
CHECKED BY:	BS

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
MECHANICAL NOTES

SCALE: AS SHOWN

SHEET NUMBER:
M001

PERMIT SET - FOR CONSTRUCTION USE



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PROJECT NAME:
ALOMA & TUSKAWILLA RD

PROJECT ADDRESS:
**3645 ALOMA AVENUE
OVIEDO, FL 32765**

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER:
PRODUCTION DESIGNER: EC
CHECKED BY: BS

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
MECHANICAL NOTES

SCALE: AS SHOWN

SHEET NUMBER:
M002

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 NOTE LIMITED TO DOMESTIC HOT WATER GENERATION, HVAC SYSTEMS, ROOFTOP UNITS, EXHAUST FANS, HVAC CONTROLS, LIGHTING CONTROLS, AIR CURTAINS, BUILT-IN REFRIGERATION, EQUIPMENT AND RENEWABLE ENERGY SYSTEMS.
- 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.
- M. CONTRACTOR SHALL PROVIDE A TRAINING PLAN FOR EACH TRADE (MECHANICAL, ELECTRICAL, PLUMBING, RENEWABLE SYSTEMS) 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.

STARBUCK'S OWNER'S PROJECT REQUIREMENTS AND BASIS OF DESIGN

HVAC	OPR	BOD
ASHRAE CLIMATE ZONE	2	
STARBUCKS' CLIMATE ZONE	VERIFY WITH STARBUCKS CONSTRUCTION MANAGER	
SEISMIC		
RESTRAINTS	WHEN REQUIRED BY CODE	WHEN REQUIRED BY CODE
HVAC CONTROL SYSTEM (AT LEAST ONE REQUIRED)		
EMS	VENSTAR SURVEYOR	VENSTAR SURVEYOR
SCHEDULE	MINUS 1 HOUR OPEN , PLUS 1 HOUR CLOSE	MINUS 1 HOUR OPEN , PLUS 1 HOUR CLOSE
BUILDING DIRECT DIGITAL CONTROLS	N/A	N/A
DEMAND CONTROL VENTILATION	YES	YES
CO2 SETPOINT FOR DCV AND STAND ALONE MONITORS	1000 PPM	1000 PPM
OUTSIDE AIR	ASHRAE 62.1	ASHRAE 62.1
ECONOMIZER	PROVIDED WITH POWERED EXHAUST	PROVIDED WITH POWERED EXHAUST
COOLING CAPACITY	ASHRAE 90.1 / ASHRAE 55	ASHRAE 90.1 / ASHRAE 55
HEATING	GAS HEATING	GAS HEATING
HVAC SYSTEMS		
DEDICATED UNIT(S)	PACKAGE ROOFTOP UNIT	PACKAGE ROOFTOP UNIT
BASE BUILDING SYSTEM	N/A	N/A
DESIGN TEMPERATURES		
OCCUPIED COOLING	75F	75F
UNOCCUPIED COOLING	78F	78F
OCCUPIED HEATING	70F	70F
UNOCCUPIED HEATING	60F	60F
DEADBAND	±1.2°F	±1.2°F
TEMP OVERRIDE LIMIT	2 HOURS	2 HOURS
EXHAUST		
RESTROOMS	MIN 80 CFM / RESTROOM	
OVENS	70 CFM / OVEN	
SCHEDULE	M601	
CONTROLS	CONTINUOUS	
AIR CURTAIN		
SYSTEM	AS REQUIRED BY CODE	PER STARBUCKS CONSTRUCTION MANAGER
CONTROL	TIED TO MICROSWITCH IN DT WINDOW	TIED TO MICROSWITCH AT REAR DOOR
HVAC SCHEDULE	M601	
EXHAUST SCHEDULE	M601	
EMS SCHEDULE	M101	

DESIGN WEATHER PARAMETERS	
Design Parameters:	
City Name	Orlando
Location	Florida
Latitude	28.4 Deg
Longitude	81.3 Deg
Elevation	105.0 ft
Summer Design Dry-Bulb	94.0 °F
Summer Coincident Wet-Bulb	76.0 °F
Summer Daily Range	16.6 °F
Winter Design Dry-Bulb	37.0 °F
Winter Design Wet-Bulb	31.1 °F
Atmospheric Clearness Number	0.90
Average Ground Reflectance	0.20
Soil Conductivity	0.800 BTU/(hr ft °F)
Local Time Zone (GMT +/- N hours)	5.0 hours
Consider Daylight Savings Time	No
Simulation Weather Data	N/A
Current Data is	2001 ASHRAE Handbook
Design Cooling Months	January to December

HVAC LOAD CALCULATIONS							
Air System Sizing Summary for Aloma & Tuskawilla							
Project Name: 2342198 Starbucks Aloma Ave and Tuskawilla 08/17/2023							
Prepared by: M-Engineering 05:22PM							
Air System Information							
Air System Name	Aloma & Tuskawilla						
Equipment Class	PKG ROOF						
Air System Type	SZCAV						
Number of zones	1						
Floor Area	2487.0 ft²						
Location	Orlando, Florida						
Sizing Calculation Information							
Calculation Months	Jan to Dec						
Sizing Data	Calculated						
Zone CFM Sizing	Sum of space airflow rates						
Space CFM Sizing	Individual peak space loads						
Central Cooling Coil Sizing Data							
Total coil load	14.4 Tons						
Total coil load	172.3 MBH						
Sensible coil load	136.0 MBH						
Coil CFM at Jul 1500	6307 CFM						
Max block CFM	6307 CFM						
Sum of peak zone CFM	6307 CFM						
Sensible heat ratio	0.790						
CFM/Ton	439.3						
RT/Ton	173.2						
BTU/(hr ft²)	69.3						
Water flow @ 10.0 °F rise	N/A						
Central Heating Coil Sizing Data							
Max coil load	47.1 MBH						
Coil CFM at Des Htg	6307 CFM						
Max coil CFM	6307 CFM						
Water flow @ 20.0 °F drop	N/A						
Supply Fan Sizing Data							
Actual max CFM	6307 CFM						
Standard CFM	6283 CFM						
Actual max CFM/ft²	2.54 CFM/ft²						
Fan motor BHP	0.00 BHP						
Fan motor KW	0.00 KW						
Fan static	0.00 in wg						
Outdoor Ventilation Air Data							
Design airflow CFM	720 CFM						
CFM/ft²	0.29 CFM/ft²						
CFM/person	14.47 CFM/person						
Space Loads and Airflows							
Zone Name / Space Name	Mult.	Cooling Sensible (MBH)	Time of Peak Sensible Load	Air Flow (CFM)	Heating Load (MBH)	Floor Area (ft²)	Space CFM/ft²
Zone 1							
BOH	1	44.4	Jul 0900	2063	2.5	425.0	4.86
Cafe	1	54.7	Jul 0900	2543	12.5	1050.0	2.42
Drive-Thru Area	1	14.0	Jul 0900	650	1.2	210.0	3.10
Restroom	1	1.6	Jul 1600	72	0.9	162.0	0.45
Serving Area	1	21.0	Nov 1500	978	4.3	640.0	1.53
DESIGN COOLING							
COOLING DATA AT Jul 1500							
COOLING OA DB / WB 94.0 °F / 76.0 °F							
HEATING DATA AT DES Htg							
HEATING OA DB / WB 37.0 °F / 31.1 °F							
ZONE LOADS							
Window & Skylight Solar Loads	485 ft² 18942						
Wall Transmission	3580 ft² 3438						
Roof Transmission	2487 ft² 4292						
Window Transmission	485 ft² 4353						
Skylight Transmission	0 ft² 0						
Door Loads	0 ft² 0						
Floor Transmission	2357 ft² 0						
Partitions	0 ft² 0						
Ceiling	0 ft² 0						
Overhead Lighting	0 W 0						
Task Lighting	3225 W 9829						
Electric Equipment	17000 W 53038						
People	50 11082						
Infiltration	- 0						
Miscellaneous	- 0						
Safety Factor	10% / 10% 10497 1763						
>> Total Zone Loads	115472 19392						
Zone Conditioning	122164 19392						
Plenum Wall Load	0% 0						
Plenum Roof Load	0% 0						
Plenum Lighting Load	0% 0						
Return Fan Load	6307 CFM 0						
Ventilation Load	720 CFM 13885 16818						
Supply Fan Load	6307 CFM 0						
Space Fan Coil Fans	- 0						
Duct Heat Gain / Loss	0% 0						
>> Total System Loads	136049 36210						
Central Cooling Coil	136049 36217						
Central Heating Coil	- 0						
>> Total Conditioning	136049 36217						
Key:							
Positive values are clg loads	Positive values are htg loads						
Negative values are htg loads	Negative values are clg loads						

SURVEYOR Surveyor EMS Commissioning Instructions

Upon completion of the Surveyor EMS installation, the contractor must contact Venstar's Surveyor Support department for commissioning. The contractor must be onsite during the commissioning process to test the controls and troubleshoot any issues that may arise to ensure the Surveyor EMS is operating properly and per Starbucks' specifications.

Surveyor Support
Hours: Mon-Fri 6:00am-8:00pm Pacific Time
Phone: 818-812-9812

The checklist below serves as a quick reference for the contractor to verify that the Surveyor EMS installation was completed successfully.

- Data Concentrator**
- Confirm power and Ethernet connections
 - If network hardware is not present, confirm that the Data Concentrator is installed and the CAT5 cable is left connected
 - Verify communication to all Surveyor EMS equipment

- Equipment Control Pac(s)**
- Verify communication between the Data Concentrator and the ECPs
 - Confirm that the ECP is addressed correctly (dip switches) for each HVAC unit
 - Confirm that the ECP has been labeled correctly for each HVAC unit
 - Confirm equipment jumpers are set correctly
 - Re-start all HVAC equipment and verify heating/cooling operation is equivalent to that prior to the installation of Surveyor EMS controls

- Communicating Thermostat(s)**
- Test the HVAC unit(s) in heat and cool mode and make sure the equipment sensor readings are consistent with desired HVAC operation
 - Confirm that the remote temperature sensor is reading to the correct unit
 - Confirm that the corresponding thermostat has been labeled correctly for each HVAC unit
 - Verify Outdoor Temperature Sensor reading is acceptable

- Lighting Control Panel and accessories (when applicable)**
- Verify communication between the Data Concentrator and the LCP
 - Verify that all lighting zones are circuited correctly
 - Test the twist timers for all EMS controlled lighting zones
 - Test the photocell in both 'day' and 'night' conditions
 - Test the motion detector, when applicable
 - Confirm emergency lights and any other customer designated lights are operating independently of Surveyor EMS
 - Confirm lighting circuitry does not affect any other store equipment, such as cameras, Digital Order Screens, registers, alarms, etc.

Final Checkout
 Venstar will issue a commissioning number to the installer responsible for installing Surveyor EMS once all aspects of the installation are complete and approved. This number should be documented on the Surveyor EMS site survey. Additionally:

- Identify any observed issues that need to be reported to the Starbucks construction team immediately
- Communicate all issues that adversely affect any part Surveyor EMS installation
- Follow up on any incomplete aspects of the Surveyor EMS installation and notify Venstar

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Starbucks New Construction SOW v1 - 10/1/2017 1



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STARBUCKS TEMPLATE VERSION: i2021.10.22



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Florida Certificate of Authorization #29103

PERMIT SET - FOR CONSTRUCTION USE

PROJECT NAME: ALOMA & TUSKAWILLA RD

PROJECT ADDRESS: 3645 ALOMA AVENUE OVIEDO, FL 32765

OUTSIDE AIR VENTILATION SCHEDULE									
2. Space Ventilation Analysis									
Zone Name / Space Name	Mult.	Floor Area (ft²)	Maximum Occupants	Maximum Supply Air (CFM)	Required Outdoor Air (CFM/person)	Required Outdoor Air (CFM/ft²)	Required Outdoor Air (CFM)	Required Outdoor Air (% of supply)	Uncorrected Outdoor Air (CFM)
Zone 1									
BOH	1	425.0	4.3	2063.4	7.50	0.12	0.0	0.0	82.9
Cafe	1	1050.0	35.0	2543.1	7.50	0.18	0.0	0.0	451.5
Drive-Thru Area	1	210.0	2.1	650.2	7.50	0.12	0.0	0.0	41.0
Restroom	1	162.0	2.0	72.2	5.00	0.06	0.0	0.0	19.7
Serving Area	1	640.0	6.4	977.6	7.50	0.12	0.0	0.0	124.8
Totals (incl. Space Multipliers)				6306.6					719.8

STORE #: 23308
 PROJECT #: 62233-050
 ISSUE DATE: 09/01/2023
 DESIGN MANAGER:
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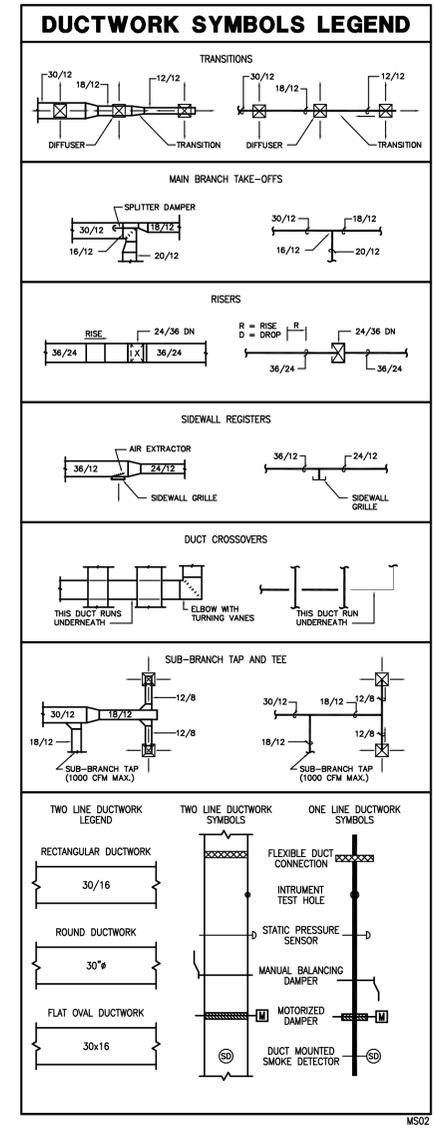
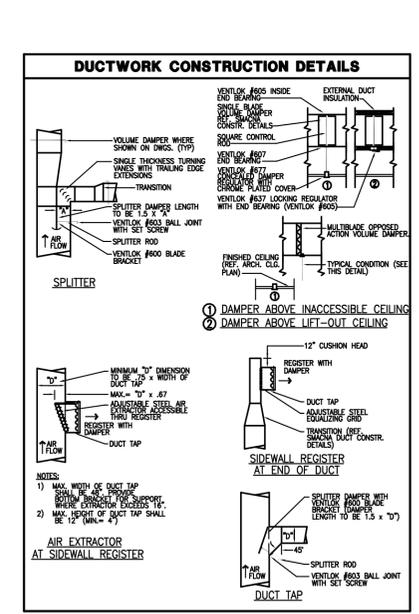
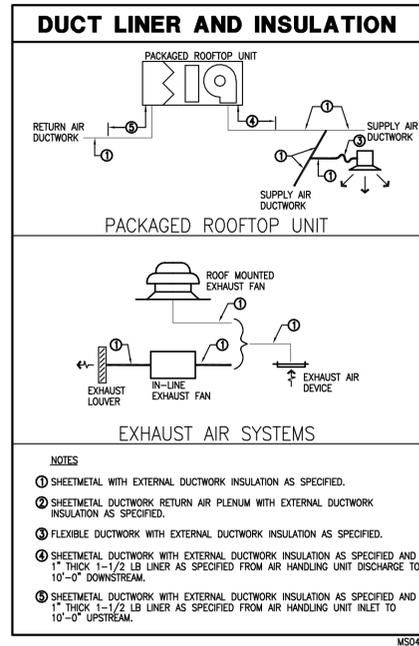
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
HVAC LOAD CALCS / EMS COMMISSIONING
 SCALE: AS SHOWN

SHEET NUMBER:
M003

SYMBOL LEGEND	
SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
GENERAL	
(1)	KEY NOTE TAG
(2)	NOTE SPECIFIC TO DETAIL TAG
(3)	REVISION TAG
(4)	NEW EQUIPMENT
DUCTWORK	
(5)	SUPPLY AIR DUCTWORK
(6)	RETURN AIR AND OUTSIDE AIR DUCTWORK
(7)	EXHAUST AIR DUCTWORK
(8)	FLEXIBLE DUCTWORK
(9)	SUPPLY AIR DUCTWORK THROUGH HORIZONTAL PARTITION
(10)	RETURN AIR AND OUTSIDE AIR DUCTWORK THROUGH HORIZONTAL PARTITION
(11)	EXHAUST AIR DUCTWORK THROUGH HORIZONTAL PARTITION
(12)	FIRE DAMPER (VERTICAL)
(13)	FIRE DAMPER (HORIZONTAL)
(14)	SMOKE DAMPER (VERTICAL)
(15)	SMOKE DAMPER (HORIZONTAL)
(16)	COMBINATION FIRE & SMOKE DAMPER (VERTICAL)
(17)	COMBINATION FIRE & SMOKE DAMPER (HORIZONTAL)
(18)	MANUAL BALANCING DAMPER (SEE DAMPER SCHEDULE)
(19)	MOTORIZED DAMPER (SEE DAMPER SCHEDULE)
SENSORS	
(20)	THERMOSTAT AND TEMPERATURE SENSOR
(21)	HUMIDISTAT
(22)	SMOKE DETECTOR
(23)	HEAT DETECTOR
(24)	CARBON DIOXIDE SENSOR
AIR DEVICES	
(25)	GRILLE SIZE TAG (REFER TO GRILLE SIZE LEGEND)
(26)	SUPPLY AIR GRILLE WITH FOUR-WAY THROW
(27)	SUPPLY AIR GRILLE WITH THREE-WAY THROW
(28)	SUPPLY AIR GRILLE WITH TWO-WAY THROW
(29)	SUPPLY AIR GRILLE WITH TWO-WAY CORNER THROW
(30)	SUPPLY AIR GRILLE WITH ONE-WAY THROW
(31)	RETURN AIR GRILLE
(32)	RETURN AIR GRILLE WITH SOUND BOOT
(33)	EXHAUST AIR GRILLE
(34)	SUPPLY AIR SIDEWALL GRILLE
(35)	RETURN AIR SIDEWALL GRILLE
(36)	RETURN AIR OPENING ABOVE CEILING
PIPING	
(37)	CONDENSATE DRAIN LINE
(38)	AUXILIARY CONDENSATE DRAIN LINE
(39)	REFRIGERANT LIQUID & GAS RECIRCULATION LINE (TOTAL OF TWO PIPES, ONLY ONE PIPE SHOWN FOR DRAWING CLARITY)
(40)	REFRIGERANT LIQUID LINE
(41)	REFRIGERANT HOT GAS LINE
(42)	REFRIGERANT SUCTION LINE
(43)	ELBOW UP
(44)	ELBOW DOWN
(45)	90° ELBOW
(46)	45° ELBOW
(47)	TEE
(48)	TEE DOWN
(49)	TEE UP
(50)	TOP BRANCH CONNECTION
(51)	BOTTOM BRANCH CONNECTION
(52)	FLANGE
(53)	CAP
(54)	CONTINUATION
(55)	FLOOR DRAIN (REFER TO PLUMBING DRAWINGS)
(56)	GATE VALVE
(57)	GLOBE VALVE
(58)	CHECK VALVE
(59)	BUTTERFLY VALVE
(60)	BUTTERFLY VALVE WITH OPERATOR
(61)	PLUG VALVE
(62)	TWO-WAY CONTROL VALVE
(63)	THREE-WAY CONTROL VALVE
(64)	PRESSURE REDUCING VALVE
(65)	PRESSURE RELIEF VALVE
(66)	BALL VALVE
(67)	STRAINER
(68)	UNION
SUBSCRIPTS AND ABBREVIATIONS	
AF	ABOVE FINISHED FLOOR
BS	BELOW BOTTOM OF STRUCTURE
BD	BOTTOM OF DUCT
BP	BOTTOM OF PIPE
CA	COMBUSTION AIR
CFM	CUBIC FEET PER MINUTE
EA	EXHAUST AIR
FFM	FEET PER MINUTE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
OA	OUTSIDE AIR
RA	RETURN AIR
SA	SUPPLY AIR
UC	UNDERCUT (DOOR FOR RETURN AIR)
CR	CONDENSER WATER RETURN PIPING
CS	CONDENSER WATER SUPPLY PIPING

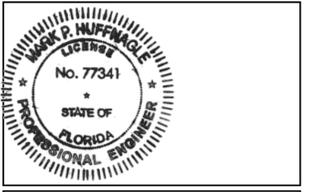
- ### MECHANICAL GENERAL NOTES
- CODES, RULES AND REGULATIONS - DESIGN OF SYSTEM
 - ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES AND CODES.
 - WHEN THE DRAWINGS CALL FOR MATERIALS OR CONSTRUCTION OF A BETTER QUALITY OR LARGER SIZES THAN REQUIRED BY THE ABOVE MENTIONED CODES AND RULES, WORK SHALL BE AS SPECIFIED OR SHOWN RATHER THAN AS REQUIRED BY CODE. ALL ITEMS OR FEATURES OF THE MECHANICAL SYSTEMS REQUIRED BY CODE SHALL BE INCLUDED, EVEN THOUGH NOT SPECIFIED HEREIN.
 - INSTALLATION OF THE SYSTEMS SHALL BE IN ACCORDANCE WITH THE ABOVE MENTIONED CODES AND REGULATIONS AND ALSO SHALL CONFORM TO GOOD, ACCEPTED MECHANICAL PRACTICES.
 - PROVIDE AND INSTALL VOLUME DAMPERS IN ALL BRANCH DUCTS.
 - FLEXIBLE CONNECTIONS AT SUPPLY AND RETURN AIR OPENINGS OF ALL AIR CONDITIONING UNITS.
 - FLEXIBLE DUCTS TO BE GLASS-FLEX 5'-0", MAXIMUM IN LENGTH, WHERE APPLICABLE.
 - COORDINATE EXACT LOCATION OF ALL AIR OUTLETS AND INLETS (DIFFUSERS, REGISTERS AND GRILLES) WITH APPROPRIATE ARCHITECTURAL PLAN, AND VERIFY THEIR LOCATION WITH ARCHITECT ON THE JOB SITE BEFORE INSTALLATION. COLOR AS DIRECTED BY ARCHITECT.
 - AUTOMATIC TEMPERATURE CONTROL DEVICE FOR REGULATION OF SPACE TEMPERATURE SHALL BE CAPABLE OF BEING SET FROM 55 TO 85°F, AND HAVE THE ABILITY TO OPERATE THE HEATING AND COOLING IN SEQUENCE. CONTROL SHALL BE ADJUSTABLE TO PROVIDE A RANGE OF UP TO 5°F BETWEEN FULL HEATING AND FULL COOLING AND HAVE CAPABILITY OF TERMINATING ALL HEATING AT A TEMPERATURE NO MORE THAN 70°F, AND COOLING AT A TEMPERATURE NOT LESS THAN 78°F.
 - APPLIANCES DESIGNED TO BE FIXED IN POSITION SHALL BE FASTENED IN PLACE.
 - A MAINTENANCE LABEL SHALL BE AFFIXED TO MECHANICAL EQUIPMENT AND A MAINTENANCE MANUAL SHALL BE PROVIDED FOR THE OWNERS USE.
 - PROVIDE ACCESS PANEL FOR ALL CEILING MOUNTED EQUIPMENT & VOLUME DAMPERS.
 - PROVIDE MIN. 10'-0" SEPARATION BETWEEN POINT OF EXHAUST AND ANY FRESH AIR INTAKE, OR A/C UNIT OUTSIDE AIR INTAKE.
 - PROVIDE FIRE DAMPER OR SMOKE/FIRE DAMPER WHERE DUCT PENETRATES FIRE RATED CEILING OR WALL IF APPLICABLE.
 - TRANSVERSE JOINTS FOR ALL AIR SUPPLY DUCTS INSTALLED WHERE AIR LEAKAGE WOULD BE NON-BENEFICIAL TO THE OCCUPIED AREA. TEMPERATURE REQUIREMENTS SHALL BE SEALED WITH APPROVED MASTIC OR TAPE.
 - ALL DUCT SIZES SHOWN ON THE FLOOR PLANS ARE CLEAR INSIDE DIMENSIONS. CONTRACTOR SHALL ENLARGE DUCT SIZE IN ORDER TO ACCOMMODATE LINING INSIDE OF DUCT IF REQUIRED.
 - THE MECHANICAL CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS AND FEES.
 - THE PROJECT SHALL BE AIR BALANCED AND A COPY OF THE FINAL REPORT SHALL BE PRESENTED TO THE TENANT AND OWNER.
 - ENERGY CONSERVATION STANDARDS FOR NEW NONRESIDENTIAL BUILDINGS HAVE BEEN REVIEWED AND DESIGN SUBSTANTIALLY CONFORMS TO THEM.
 - EACH SINGLE SYSTEM PROVIDING HEATING OR COOLING AIR IN EXCESS OF 2,000 CFM SHALL BE EQUIPPED WITH AN AUTOMATIC SHUT-OFF. THE SMOKE DETECTOR SHALL BE INSTALLED IN THE MAIN SUPPLY AIR DUCT DOWNSTREAM OF THE FILTERS OR THEY MAY BE INSTALLED IN EACH ROOM OR SPACE SERVED BY THE SUPPLY AIR DUCT. DETECTORS SHALL ALSO BE INSTALLED IN THE MAIN RETURN DUCT (IF REQ'D. BY THE LOCAL CODE) AHEAD OF OUTSIDE AIR INTAKE. SEE CODE FOR EXEMPTIONS AND LOCAL AUTHORITY FOR CODE INTERPRETATION, OR AS INDICATED ON PLAN.
 - ALL EQUIPMENT AND APPLIANCES ARE LISTED PRODUCTS, AND WILL BE INSTALLED ACCORDING TO THEIR LISTING, AND ALL LISTING INFORMATION WILL BE AVAILABLE FOR INSPECTION.
 - DUCTWORK CONSTRUCTION DETAILS:
 - MATERIAL: GAL. SHEET METAL GAGE 26 FOR UP TO 14" & GAGE 24 FOR UP TO 23" DUCT.
 - SUPPORT: UP TO 10" DUCT SAME GAGE AS GAL. STEEL DUCT, 1" WIDE OR (NO. 18 GAGE GAL. STEEL WIRE) ON 10 FT. CENTERS, AND UP TO 40" DUCT SAME GAGE AS GAL. STEEL DUCT, 1" WIDE OR (NO. 8 GAGE GAL. STEEL WIRE) TIED TO 1" GAL. STEEL BAND AROUND DUCT ON 10 FT. CENTERS.
 - HANGER: UP TO 36" DUCT 1/4" ROUND ROD OR 1" x 1" x 1/8" ANGLE.
 - REFER TO DETAILS OR GUIDELINES FOR MECHANICAL CONSTRUCTION REQUIREMENTS INSTALL IN FULL ACCORDANCE WITH PROPER CODES AND GUIDELINES.
 - COORDINATE IN THE FIELD THE EXACT LOCATION OF ALL CEILING MOUNTED GRILLES AND DIFFUSERS WITH LIGHT FIXTURES AND ARCHITECTURAL REFLECTED CEILING PLAN.
 - ALL EXTERIOR BRACKETS, CLAMPS, AND HANGERS SHALL BE HOT DIPPED GALVANIZED. COAT ALL CUT ENDS AND WELDS WITH "ZINC" COLD GALVANIZING COMPOUND.
 - SHOP PRIME ALL MISCELLANEOUS INTERIOR BRACKETS AND HANGERS UNLESS GALVANIZED OR STAINLESS STEEL.
 - THE CONTRACTOR SHALL PROVIDE A COMPLETE AND FUNCTIONAL AIR CONDITIONING SYSTEM. ALL APPURTENANCES REQUIRED BUT NOT SHOWN SHALL BE PROVIDED.
 - THE CONTRACTOR SHALL COORDINATE WITH OTHER DISCIPLINES. ALL VOLTAGES AND POWER REQUIREMENTS SHALL BE COORDINATED WITH THE ELECTRICAL CONTRACTOR.
 - DUCTWORK SHALL BE GALVANIZED SHEETMETAL CONSTRUCTED TO THE CURRENT SMACNA STANDARDS FOR 2" W/0 LOW PRESSURE DUCTWORK. EXHAUST DUCTS SHALL BE CONSTRUCTED TO 2" NEGATIVE LOW PRESSURE. SEAL ALL SEAMS IN THE DUCT WITH HARDCAST IRON GRIP UNLESS OTHERWISE INDICATED.
 - SUPPLY, RETURN AND EXHAUST DUCTWORK SHALL BE EXTERNALLY WRAPPED WITH 1-1/2" MINIMUM DUCT INSULATION. THE INSULATION SHALL BE MANUFACTURED BY OWENS CORNING, SCHULLER, KNAUF, OR CERTAINTED. THE INSTALLED R-VALUE OF THE INSULATION SHALL BE 6.0 OR BETTER WITH VAPOR BARRIER. THE INSULATION SHALL BE STAPLED ON 6" CENTERS AND SEALED WITH PRESSURE SENSITIVE TAPE. THE R-VALUE MUST BE INDICATED ON THE EXTERIOR SIDE OF THE INSULATION FOR THE CITY INSPECTOR TO VERIFY.
 - THE AIR DEVICES SHALL BE MANUFACTURED BY TITUS, KRUEGER, PRICE OR NALLOR.
 - FLEXIBLE DUCTWORK TO BE INSULATED WITH R-6 INSULATION. INSULATION SHALL BE UL 181 LABELED. PROVIDE WITH 1" OVERLAP. INSTALL AND SUPPORT PER MANUFACTURERS INSTRUCTIONS. INSULATED FLEXIBLE DUCTWORK TO BE 20/50 RATED FOR SMOKE AND FLAME.



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PROJECT NAME:
 ALOMA & TUSKAWILLA RD

PROJECT ADDRESS:
 3645 ALOMA AVENUE
 OVIEDO, FL 32765

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER:
PRODUCTION DESIGNER: EC
CHECKED BY: BS

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
 MECHANICAL LEGENDS

SCALE: AS SHOWN

SHEET NUMBER:
 M004

PERMIT SET - FOR CONSTRUCTION USE

MECHANICAL EQUIPMENT SCHEDULE - "M"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
HVAC					
X1200	7	LINEAR DIFFUSER	GC	GC	COLOR TO MATCH CEILING
10925	3	EXHAUST GRILLE	GC	GC	COLOR TO MATCH CEILING
10718	2	HVAC - SUPPLY 4 WAY SQUARE - 12IN 305MM	GC	GC	COLOR TO MATCH CEILING
10317	18	HVAC - SUPPLY 4 WAY SQUARE - 24IN 610MM	GC	GC	COLOR TO MATCH CEILING
11121	0	HVAC - SUPPLY 4 WAY SQUARE - 24IN 610MM	GC	GC	COLOR TO MATCH CEILING
11163	7	HVAC - RETURN LAY IN SQUARE - 24IN 610MM	GC	GC	COLOR TO MATCH CEILING
HVAC CONTROLS					
x1194	2	CO2 SENSOR	GC	GC	FURNISHED AND INSTALLED BY APPROVED CONTRACTOR
17799	1	SURVEYOR ENERGY MANAGEMENT SYSTEM WITH LIGHTING CONTROL	SB	GC	PROVIDED AND INSTALLED BY EMS VENDOR: VENSTAR SBUXQUOTES@VENSTAR.COM 818-812-9805
x0001	1	COMMISSIONING OF SURVEYOR ENERGY MANAGEMENT SYSTEM	GC	GC	COMMISSIONING TO BE FURNISHED AND INSTALLED BY THIS CONTRACTOR. REFER TO M002 FOR ADDITIONAL INFORMATION.
x0002	1	COMMISSIONING OF MECHANICAL SYSTEMS	GC	GC	COMMISSIONING TO BE FURNISHED AND INSTALLED BY THIS CONTRACTOR. PROJECT COMMISSIONING TO BE DONE BY STARBUCKS CXA - MELINK CORPORATION. CONTACT ANNA RUSCONI PER STARBUCKS.

MECHANICAL SCOPE OF WORK SUMMARY

THE FOLLOWING SCOPE OF WORK IS BASED ON THE LANDLORD'S WORKLETTER EXHIBIT C. THIS SCOPE OF WORK IS NOT INTENDED TO INDICATE THE FULL SCOPE, BUT ONLY A BROAD SUMMARY. THE GENERAL CONTRACTOR SHALL REFERENCE THE COMPLETE WORKLETTER FOR A MORE DETAILED DESCRIPTION OF WORK BY BOTH PARTIES. ANY QUESTIONS REGARDING SCOPE SHALL BE BROUGHT TO STARBUCKS ATTENTION FOR CLARIFICATION. RESPONSIBILITY INDICATED BELOW MEANS FURNISHED, PERMITTED AND INSTALLED BY THE PARTY INDICATED.

WORK DESCRIPTION	RESPONSIBILITY	
	LANDLORD	STARBUCKS
HVAC UNITS, CURB AND STRUCTURAL	X	
HVAC UNIT ECONOMIZERS (AS SCHEDULED)	X	
ROOF PENETRATIONS	X	
EXHAUST FAN, CURB, BACKDRAFT DAMPER (AS SCHEDULED)		X
SMOKE DETECTORS IN UNITS AND INTERLOCK	X	
TEMP THERMOSTATS AND CONTROLS	X	
EMS CONTROLS		X
DUCTWORK 12" OR LARGER		X
DUCTWORK 10" OR SMALLER		X
GAS SERVICE		N/A
GAS METER		N/A
GAS PIPING INTO PREMISES		N/A
GAS PIPING TO HOT WATER TANK		N/A
GAS PIPING TO HVAC UNITS		N/A

NOTES

- COORDINATE WITH LANDLORD'S FIRE PROTECTION AND FIRE ALARM CONTRACTORS FOR COORDINATION AND INSTALLATION OF NEW SMOKE DETECTORS AND CONNECTION TO NEW LIFE SAFETY SYSTEM.

KEYED NOTES

- FURNISH AND INSTALL TEMPERATURE SENSOR AS INDICATED ON PLAN. MOUNT AT 44" ABOVE FINISHED FLOOR. COORDINATE FINAL LOCATIONS WITH STARBUCKS REPRESENTATIVE.
- FURNISH AND INSTALL A CO2 SENSOR AS INDICATED ON PLAN. MOUNT AT 48" ABOVE FINISH FLOOR. COORDINATE FINAL LOCATIONS WITH STARBUCKS REPRESENTATIVE.
- MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL REMOTE SENSOR AT 60" ABOVE FINISH FLOOR. WIRE TO TENANT EMS PER VENSTAR DETAILS ON SHEET E504.
- MECHANICAL CONTRACTOR TO FURNISH AND INSTALL AS SHOWN ON PLANS AND AS DIRECTED BY LANDLORD A ROOF MOUNTED HVAC UNIT. SEE MECHANICAL ROOF AND MECHANICAL SCHEDULES FOR MORE INFORMATION.
- DUCT SMOKE DETECTOR TO BE FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. SMOKE DETECTOR SHALL BE WIRED TO SHUTDOWN UNIT UPON SENSING SMOKE.
- FURNISH AND INSTALL ROOFTOP EXHAUST FAN. EXHAUST RATE SHALL BE MINIMUM 80 CFM PER RESTROOM. SEE ROOF PLAN AND FAN SCHEDULE FOR FURTHER INFORMATION.
- FURNISH AND INSTALL CONCEALED DAMPER REGULATOR WITH WORK GEAR AND ROD FOR BALANCING DAMPERS ABOVE INACCESSIBLE CEILING. ACCESS DOORS ARE PROHIBITED.
- LANDLORD TO FURNISH AND INSTALL DEDICATED 40 AMP, 208/240, SINGLE PHASE HEATED AIR CURTAIN FOR DRIVE-THRU WINDOW. INSTALL PER MANUFACTURER SPECIFICATIONS.
- LINEAR DIFFUSER TO CONNECT TO UNDERSIDE OF MAIN DUCT.

GENERAL NOTES

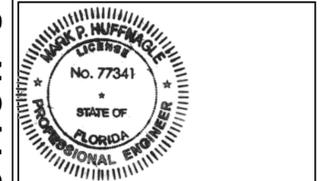
- SEE ARCHITECTURAL SHEETS FOR PAINTING AND COLORS OF ALL EXPOSED DUCTWORK, DIFFUSERS AND GRILLES.
- SEE ARCHITECTURAL SHEETS FOR DIMENSIONED DIFFUSER AND EXPOSED DUCT LOCATIONS.
- DIFFUSERS AND RETURN GRILLES SHALL BE CENTERED IN CEILING TILE, UNLESS OTHERWISE NOTED.
- PAINT ALL GRILLES TO MATCH ADJACENT SURFACE FINISH.
- SEE MECHANICAL SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS TO ALL MECHANICAL EQUIPMENT.
- WALL MOUNTED THERMOSTAT AT 44" (1120MM) AFF. MULTIPLE THERMOSTATS SHALL BE STACKED IN A HORIZONTAL CONFIGURATION WITH A MINIMUM 8" (200MM) CLEARANCE BELOW EACH THERMOSTAT.
- REMOTE TEMPERATURE SENSOR AT 60" (1525MM) AFF.
- CO2 SET POINTS: 100% DESIGN O2 RATE = 1000 PPM.
- UNDERCUT RESTROOM DOORS 1" FOR EXHAUST MAKE UP AIR.
- ALL TEMPERATURE CONTROL SENSORS AND/OR THERMOSTATS ON AN EXTERIOR WALL ARE TO HAVE AN INSULATED SUB-BASE.
- FULL SIZE SUPPLY AIR DISCHARGE AND RETURN AIR PLENUMS
- LANDLORD TO FURNISH AND INSTALL ROOFTOP UNIT DROP PLENUM 3' BELOW THE CEILING ONCE UNITS ARE SET FOR FUTURE TENANTS.



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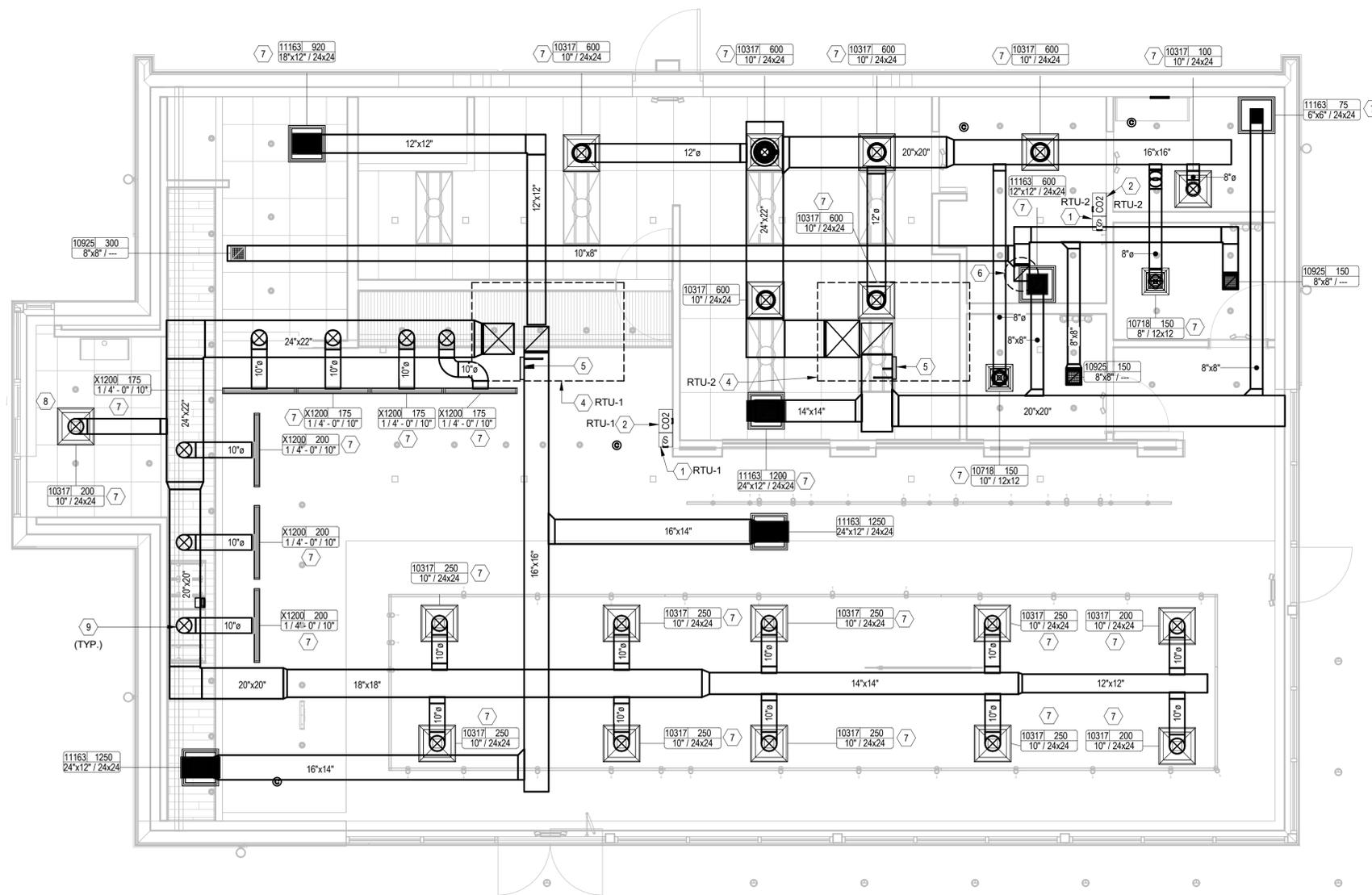
PROJECT ADDRESS:
**3645 ALOMA AVENUE
OVIEDO, FL 32765**

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER:
PRODUCTION DESIGNER: EC
CHECKED BY: BS

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
MECHANICAL DESIGN PLAN
SCALE: AS SHOWN

SHEET NUMBER:
M101



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

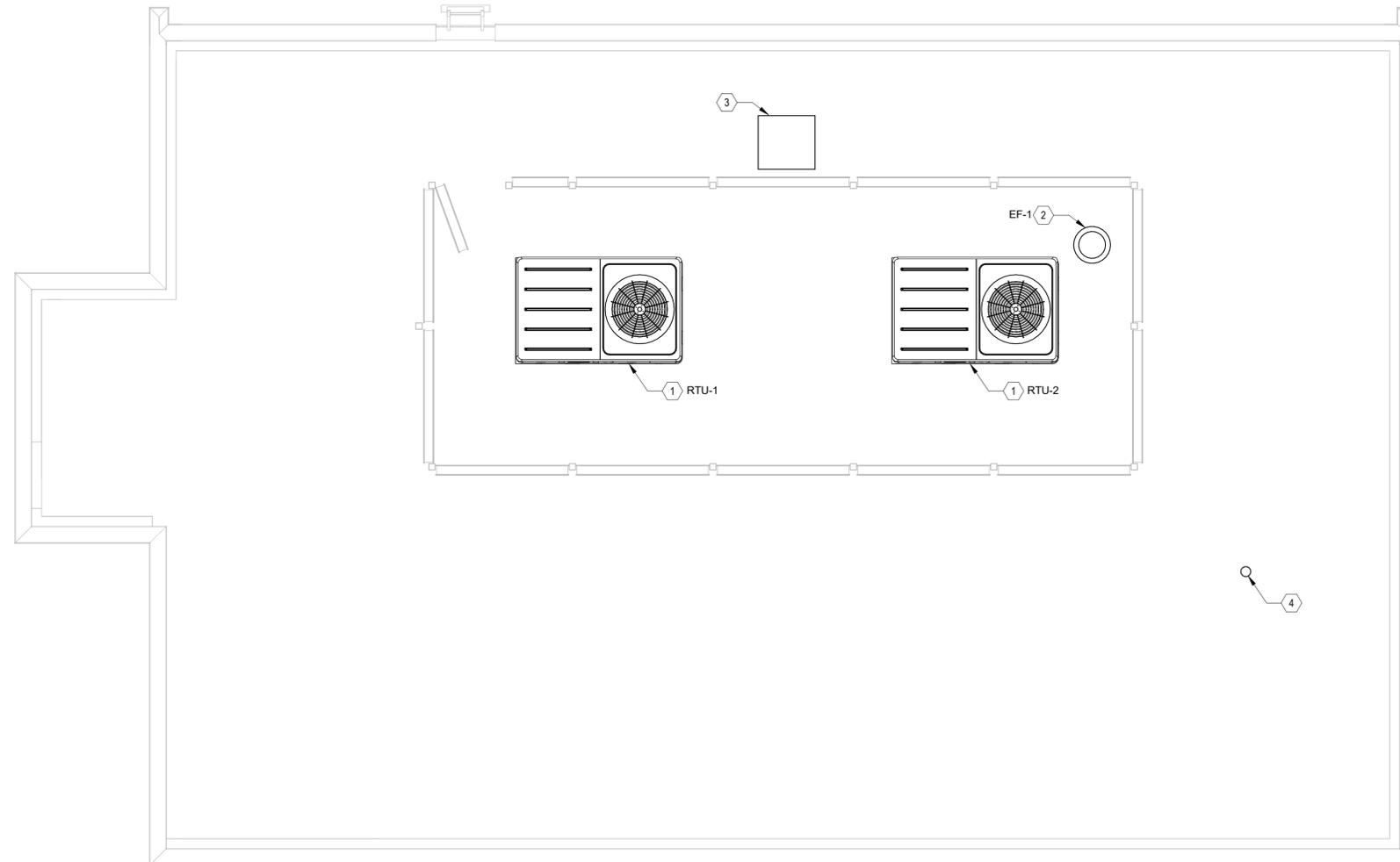
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KEYED NOTES

- 1 LANDLORD TO FURNISH AND INSTALL NEW ROOFTOP UNIT AS SHOWN ON PLAN. SEE ROOFTOP UNIT SCHEDULE FOR FURTHER INFORMATION.
- 2 FURNISH AND INSTALL EXHAUST FAN AS SHOWN ON PLAN. SEE FAN SCHEDULE FOR FURTHER INFORMATION. COORDINATE EXACT LOCATION WITH LANDLORD AND STARBUCKS REPRESENTATIVE.
- 3 FURNISH AND INSTALL ROOF STAND FOR TENANT ICE MACHINE REMOTE CONDENSING UNIT (BY OTHERS).
- 4 LANDLORD INSTALLED PLUMBING VENTS.

GENERAL NOTES

- A. THIS CONTRACTOR SHALL HIRE LANDLORD'S ROOFING CONTRACTOR FOR ALL ROOFING WORK (PENETRATIONS, FLASHING, SEALING, WATER PROOFING, ETC.) TO MAINTAIN LANDLORD'S ROOF WARRANTY. THIS COST MUST BE INCLUDED IN BID.
- B. THIS CONTRACTOR SHALL FURNISH WAL PADS UNDER ALL ROOF PIPE SUPPORTS AS REQUIRED BY THE LANDLORD'S ROOFING CONTRACTOR TO MAINTAIN THE ROOF WARRANTY.
- C. ICE MACHINE REMOTE CONDENSING UNIT IS SHOWN ON THIS DRAWING FOR REFERENCE AND COORDINATION ONLY. FINAL LOCATION AND ROOF PENETRATION FOR REFRIGERANT PIPING TO ICE MACHINE SHALL BE DETERMINED IN THE FIELD.
- D. ICE MACHINE SHALL NOT INTERFERE WITH MECHANICAL EQUIPMENT CLEARANCES AS REQUIRED BY MANUFACTURER. MECHANICAL EQUIPMENT LOCATIONS TAKE PRIORITY ON THE ROOF.



1 MECHANICAL ROOF PLAN
Scale: 1/4" = 1'-0"

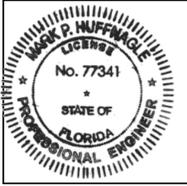


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STARBUCKS TEMPLATE VERSION: I2021.10.22



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PERMIT SET - FOR CONSTRUCTION USE

PROJECT NAME:
ALOMA & TUSKAWILLA RD

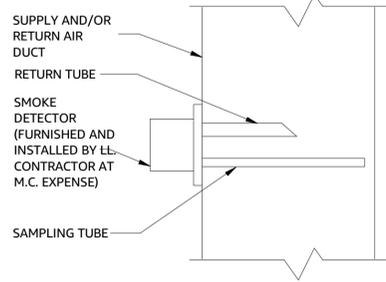
PROJECT ADDRESS:
**3645 ALOMA AVENUE
OVIDO, FL 32765**

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER:
PRODUCTION DESIGNER: EC
CHECKED BY: BS

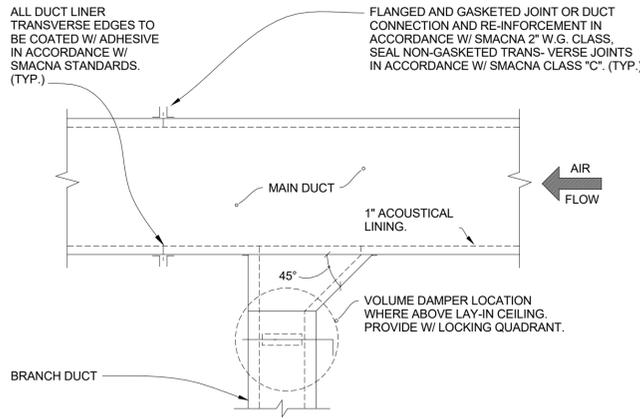
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
MECHANICAL ROOF PLAN
SCALE: AS SHOWN

SHEET NUMBER:
M102



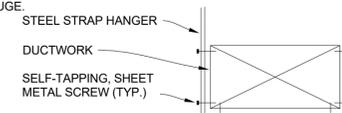
7 Smoke Detector Schematic
Scale: 12" = 1'-0"



4 SQUARE DUCT TAKE-OFF SCHEMATIC
Scale: 12" = 1'-0"

METAL GAUGE FOR DUCTWORK TO BE AS FOLLOWS:

ROUND DUCT 3 TO 19 INCHES TO BE 26 GAUGE
RECTANGULAR DUCT UP TO 12 INCHES WIDE TO BE 26 GAUGE
RECTANGULAR DUCT 13 TO 30 INCHES WIDE TO BE 24 GAUGE.
RECTANGULAR DUCT ABOVE 30 INCHES WIDE TO BE 22 GAUGE.



HANGER SPACING:

DUCT FACE AREA FROM 0 TO 4 SQ. FT. HANGERS 98" O.C. MAX
DUCT FACE AREA FROM 4 TO 10 SQ. FT. HANGERS 72" O.C. MAX
DUCT FACE AREA FROM 10 AND GREATER HANGERS 48" O.C. MAX

WHERE DUCTS ARE LESS THAN 2 SQ. FT. IN FACE AREA, HANGERS SHALL BE NOT LESS THAN 1"x1/16" STRAP STEEL.

WHERE DUCT ARE GREATER THAN 2 SQ. FT. IN FACE AREA, HANGERS SHALL BE NOT LESS THAN 1"x1/8" STRAP STEEL.

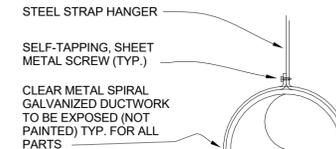
WHERE DUCT ARE 8 SQ. FT. IN FACE AREA, HANGERS SHALL BE BRACED BY 1"x1/8" STEEL ANGLES ALL AROUND, SPACED NO MORE THAN FOUR FEET ON CENTERS.

WHERE DUCTS ARE OVER 48" WIDE, THE HANGERS SHALL BE BROUGHT DOWN UNDER THE DUCT SIDES 4" AND FASTENED TO THE BOTTOM.

1 RECTANGULAR DUCT SUPPORT SCHEMATIC
Scale: 12" = 1'-0"

METAL GAUGE FOR DUCTWORK TO BE AS FOLLOWS:

ROUND DUCT 3 TO 19 INCHES TO BE 26 GAUGE
RECTANGULAR
STEEL STRAP HANGER



HANGER SPACING:

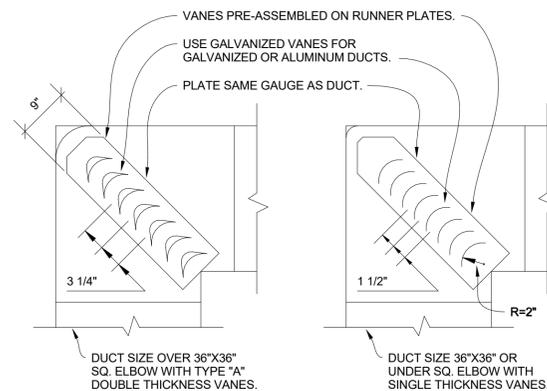
DUCT FACE AREA FROM 0 TO 4 SQ. FT. HANGERS 98" O.C. MAX
DUCT FACE AREA FROM 4 TO 10 SQ. FT. HANGERS 72" O.C. MAX
DUCT FACE AREA FROM 10 AND GREATER HANGERS 48" O.C. MAX

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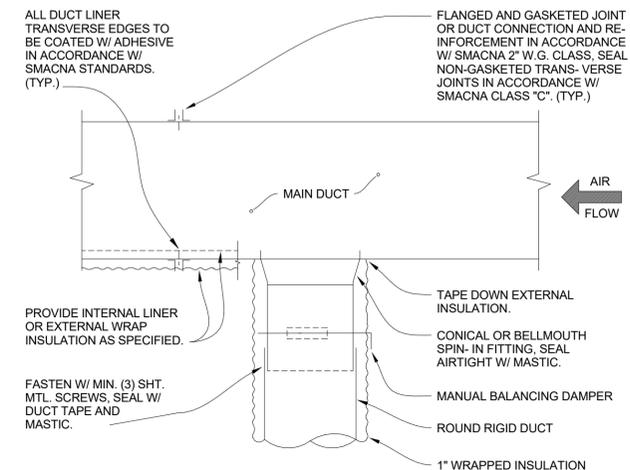
WHERE DUCT ARE GREATER THAN 2 SQ. FT. IN FACE AREA, HANGERS SHALL BE NOT LESS THAN 1"x1/8" STRAP STEEL.

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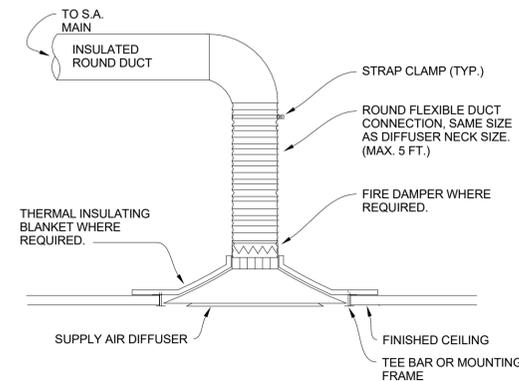
2 ROUND DUCT SUPPORT SCHEMATIC
Scale: 12" = 1'-0"



5 TURNING VANE SCHEMATIC
Scale: 12" = 1'-0"



3 ROUND DUCT TAKE-OFF SCHEMATIC
Scale: 12" = 1'-0"



6 DIFFUSER MOUNTING SCHEMATIC
Scale: 12" = 1'-0"

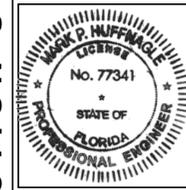


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STARBUCKS TEMPLATE VERSION: I2021.10.22



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PROJECT NAME:
ALOMA & TUSKAWILLA RD

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STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER:
PRODUCTION DESIGNER: EC
CHECKED BY: BS

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
MECHANICAL DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
M501

PERMIT SET - FOR CONSTRUCTION USE

AIR DEVICE SCHEDULE										
MARK	SERVICE	QUANTITY	TYPE	DAMPER	CONSTRUCTION MATERIAL	FINISH COLOR	MANUFACTURER	MODEL NUMBER	LENGTH	REMARKS
10317	SUPPLY AIR	18	DIFFUSER	-	STEEL	(NOTE 5)	TITUS	TDC	-	SURFACE MOUNT FRAME STYLE WITH A 24"x24" FACE (1) (6). FURNISH AND INSTALL TRIM FRAME.
10718	SUPPLY AIR	2	DIFFUSER	-	STEEL	(NOTE 5)	TITUS	TDC	-	SURFACE MOUNT FRAME STYLE WITH A 12"x12" FACE (1) (6). FURNISH AND INSTALL TRIM FRAME.
10925	EXHAUST AIR	3	GRILLE	OBD	ALUMINUM	(NOTE 5)	TITUS	50F	-	EGGCRATE RETURN GRILLE WITH 12"x12" FACE (1).
11121	SUPPLY AIR	0	DIFFUSER	-	STEEL	(NOTE 5)	TITUS	TDC	-	LAY-IN FRAME STYLE WITH A 24"x24" FACE (1).
11163	RETURN AIR	7	GRILLE	-	ALUMINUM	(NOTE 5)	TITUS	50F	-	LAY-IN OR SURFACE MOUNT FRAME STYLE EGGCRATE GRILLE WITH A 24"x24" FACE (1).
X1200	SUPPLY AIR	7	LINEAR SLOT	-	STEEL	(NOTE 5)	TITUS	FL-15	4'-0"	1.5" LINEAR SLOT, (1) SLOT, BORDER TYPE 22, INSULATED PLENUM

GENERAL NOTES:

- DIFFUSER MOUNTING STYLE SHALL BE CONFIRMED WITH ARCHITECTURAL DRAWINGS, REFLECTED CEILING PLAN.
- COORDINATE DIFFUSER DISCHARGE PATTERN WITH DRAWINGS.
- OMIT SCREW HOLES FOR LAY-IN STYLE CEILINGS.
- PROVIDE SQUARE/RECTANGLE TO ROUND TRANSITIONS AS NEEDED.
- COORDINATE ALL FINISHES WITH ARCHITECT.
- SUPPLY GRILLES ARE TO BE 4 WAY DISCHARGE UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
- MANUFACTURER TO FURNISH AIR SCOOP OR EXTRACTOR WITH PULL ROD ACCESSORY. MECHANICAL CONTRACTOR TO INSTALL.

LANDLORD ROOFTOP UNIT SCHEDULE																
QUANTITY	UNIT NUMBER	TRANE MODEL #	NOM. TONS	EER	SUPPLY FAN				VOLTAGE	HTG. KW	HTG. STEP	TOTAL CLG	SENS. CLG	O.A. CFM	WEIGHT (LBS.)	NOTES
					HP	CFM	ESP	RPM								
1	RTU-1	THC120	10	12.4	2.75	4000	.8	-	208/3	20.3 KW	2	120 MBH	90 MBH	565	1132	1
1	RTU-2	THC120	10	12.4	2.75	4000	.8	-	208/3	20.3 KW	2	120 MBH	90 MBH	435	1132	1

NOTES:

- UNIT SHALL BE HIGH EFFICIENCY.
- LANDLORD TO UTILIZE STARBUCKS NATIONAL HVAC PURCHASING PROGRAM FOR UNIT PROCUREMENT.
- UNIT SHALL BE TESTED, OPERABLE AND FURNISHED WITH MERV 8 FILTERS.

EXHAUST FAN SCHEDULE											
TAG	LOCATION	CFM	MAXIMUM RPM	EXT. STATIC PRESSURE (IN.W.C.)	VOLTAGE/ PHASE	INTERLOCKED WITH	FAN TYPE	BELT/DIRECT DRIVE	MANUFACTURER	MODEL NUMBER	REMARK
EF-1	ROOF	600	1725	0.5	120/1/60	GENERAL NOTE 4	ROOF DOWNBLAST	DIRECT	GREENHECK	G-095-6VG	-

GENERAL NOTES:

- EXTERNAL STATIC PRESSURE INCLUDED LOSSES DUE TO DUCTWORK, AIR DEVICES . DAMPER AND DUCT MOUNTED WATER COILS WHERE APPLICABLE. DIRTY FILTER AND CASING MUST BE ADDED TO EXTERNAL STATIC TO OBTAIN LOSS. INCREASE HORSEPOWER AS REQUIRED TO MEET THE TOTAL PRESSURE LOSS. ALL ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR.
- MINIMUM RECOMMENDED CLEARANCE AROUND FAN IS 12 INCHES ON NON-SERVICE SIDES AND 30 INCHES ON SERVICE SIDES. MAINTAIN MINIMUM CLEARANCE AS REQUIRED TO OPEN ACCESS AND CONTROL DOORS FOR SERVICE, MAINTENANCE AND INSPECTION. MAINTAIN MINIMUM ELECTRICAL CLEARANCE AS REQUIRED BY NEC.
- COOK AND GREENHECK ARE ACCEPTABLE MANUFACTURER'S. NO SUBSTITUTIONS.
- PER STARBUCKS MECHANICAL DESIGN GUIDELINES, THE EXHAUST FAN IS TO BE CONTROLLED BY THE SURVEYOR EMS BY VENSTAR INC.

REMARK NOTES:

- EXISTING LANDLORD FURNISHED AND INSTALLED ROOF MOUNTED EXHAUST FANN SHALL BE USED AT EXISTING LOCATION.

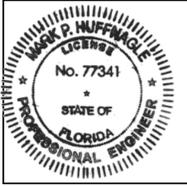


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STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER:
PRODUCTION DESIGNER: EC
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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
**MECHANICAL
SCHEDULES**
SCALE: AS SHOWN

SHEET NUMBER:
M601

PERMIT SET - FOR CONSTRUCTION USE

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITIES HAVING JURISDICTION
APPROX	APPROXIMATE
BLDG	BUILDING
CLG	CEILING
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
EXIST	EXISTING
EXT	EXTERIOR
FD	FLOOR DRAIN
FS	FLOOR SINK
F&I	FURNISH & INSTALL
FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
FOIO	FURNISHED BY OWNER, INSTALLED BY OWNER
FLR	FLOOR
FT	FOOT/FEET
FCO	FLOOR CLEANOUT
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GW	GREASE WASTE
HR	HOUR
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
HW	HOT WATER
HS	HANDSINK
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
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
PC	PLUMBING CONTRACTOR
PS	PREP SINK
POC	POINT OF CONNECTION
REF	REFERENCE
REQ'D	REQUIRED
REV	REVISION
SHT	SHEET
SF	SQUARE FEET
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

PLUMBING SYMBOL LEGEND

	S OR W	SANITARY OR WASTE PIPING ABOVE SLAB
	S OR W	SANITARY OR WASTE PIPING BELOW SLAB
	V	VENT PIPING
	GW	GREASE WASTE
	CD	CONDENSATE DRAIN
	CW	COLD WATER PIPING
	HW	HOT WATER PIPING
	CWF	COLD WATER FILTERED
	CWN	COLD WATER NANO FILTERED
	CWS	COLD WATER SOFTENED
	TW	TEMPERED WATER
	RO	REVERSE OSMOSIS WATER
	G	GAS PIPING
	RD	REFRIGERANT DISCHARGE PIPING
	RS	REFRIGERANT SUCTION PIPING
	BV	BALL VALVE
	GV	GATE VALVE
	CH. V	CHECK VALVE
	RV	RELIEF VALVE
	HB	HOSE BIBB
		SHOCK ABSORBER
		STRAINER
	WCO	WALL CLEANOUT
	FCO	FLOOR CLEANOUT
	FS	FLOOR SINK
	WM	WATER METER
	POC	CONNECT TO EXISTING

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:
- SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES;
 - PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUP AND SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA.
 - CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS. CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:
 - SYSTEMS SUBJECT TO COMMISSIONING MAY INCLUDE, BUT ARE NOT LIMITED TO, DOMESTIC HOT WATER GENERATION.
 - 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.
 - 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.
 - 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.
 - 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.
 - 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.
 - 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.
 - 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.
 - 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.
 - 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.

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 HOIST ADVANTUS, 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 SHELVE 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 ABRASE 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

- 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.
- EXPOSED/SURFACE MOUNTED PIPING IS ONLY ALLOWED IN THE BAR AREA UNDER THE CABINETS, 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.
- 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.
- 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.
- 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.
- ALL PIPING AND/OR PLUMBING DEVICES SHALL BE SUPPORTED FROM STRUCTURE (NOT FROM HVAC DUCTS OR OTHER PIPES/CONDUITS).
- WHEN BUNDLING SEVERAL INDIRECT WASTE LINES TO DRAIN INTO FLOOR SINK, A UNISTRUT IS REQUIRED FOR SECURING AND BRACING ALL LINES ABOVE THE DRAIN.
- 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.
- FURNISH AND INSTALL WALL CLEANOUTS AT ALL SINKS AND AS NEEDED PER CODE (NOT ALL SHOWN).
- 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.



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STARBUCKS TEMPLATE VERSION: I2021.10.22



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PROJECT NAME:
ALOMA & TUSKAWILLA RD

PROJECT ADDRESS:
**3645 ALOMA AVENUE
OVIEDO, FL 32765**

STORE #:	23308
PROJECT #:	62233-050
ISSUE DATE:	09/01/2023
DESIGN MANAGER:	
PRODUCTION DESIGNER:	CAH
CHECKED BY:	BM

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
PLUMBING NOTES

SCALE: AS SHOWN

SHEET NUMBER:
P001

PERMIT SET - FOR CONSTRUCTION USE

PLUMBING FIXTURE SCHEDULE - "P"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DRAIN					
10294	14	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	
10594	2	DRAIN - FLOOR SINK SQUARE - 5IN 125MM	SB	GC	5" FLOOR DRAIN; MANUFACTURER: ZURN; MODEL: Z41B
10726	14	DRAIN - GRATE HALF SQUARE - 12IN 305MM	SB	GC	
X0701	3	FLOOR CLEAN OUT	GC	GC	WATTS DRAINAGE PRODUCTS CO-200-R EPOXY COATED CAST IRON FLOOR CLEANOUT WITH 5-1/8 IN (130MM) ROUND ADJUSTABLE NICKEL BRONZE (STANDARD) TOP AND NO HUB (MJ) CONNECTION.
FAUCET					
10152	2	FAUCET - DOUBLE LABORATORY WITH BENT RISER SPOUT			
10153	5	FAUCET - WATER TOWER - 12IN 305MM			
10215	2	FAUCET - DOUBLE LABORATORY WITH SWING SPOUT			
10447	1	FAUCET - PRE RINSE SPRAYER WALL MOUNTED			
10597	3	FAUCET - SINGLE HANDLE			
10804	1	FAUCET - PRE RINSE SWING SPOUT			
10922	1	FAUCET - MOP SINK WALL MOUNTED			
11003	3	FAUCET - METERED			
13588	1	FAUCET - HAND SINK WALL MOUNTED			
21352	2	FAUCET - RESTROOM WITH MOTION SENSOR			
22642	4	FAUCET - INSTANTHOT SYSTEM 2 BUTTON WITH BOILER AND BRACKET			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					
12896	1	FILTER - BRINE TANK			
12899	2	FILTER - POLY GLASS VESSEL			
13076	1	FILTER - PREFILTRATION SYSTEM			
13080	1	FILTER - HEAD QUAD			
13081	4	FILTER - CARBON FILTER CARTRIDGE			
13082	1	FILTER - WATER SOFTENER TWIN			
23355	1	FILTER - FILTRATION BOOSTER PUMP			
OTHER					
11109	1	WATER HEATER TANK ELECTRIC			
21669	2	GREASE INTERCEPTOR GB75			
SINK					
10116	2	SINK - RESTROOM WALL MOUNTED			
10549	2	SINK - RINSE DROP IN SST - 12X20IN 305X510MM			
10995	1	SINK - MOP - 24X24IN 610X610MM			
13264	1	SINK - 3 COMP WORK SST - 93IN 2350MM			
14688	1	SINK - HAND WITH SIDE SPLASH WALL MOUNTED SST			
17565	1	SINK - RINSE WITH DRAINBOARD - 15X27IN 380X685MM			
18743	1	SINK - WATER FILLING STATION - 36X24IN 915X610MM			
22768	3	SINK - COUNTERTOP RINSER WITH WATER TOWER - 26X9IN 660X235MM			
TOILET					
22558	2	TOILET - TANKLESS AUTOMATIC SINGLE FLUSH			

SEE SHEET P601 FOR DOMESTIC WATER PIPE SIZING.

PLUMBING SCOPE OF WORK SUMMARY

THIS SCOPE OF WORK IS NOT INTENDED TO INDICATE THE FULL SCOPE, BUT ONLY A BROAD SUMMARY. ANY QUESTIONS REGARDING SCOPE SHALL BE BROUGHT TO STARBUCKS ATTENTION FOR CLARIFICATION. RESPONSIBILITY INDICATED BELOW MEANS FURNISHED, PERMITTED AND INSTALLED BY THE PARTY INDICATED.

STARBUCKS OWNER'S PROJECT REQUIREMENTS AND BASIS OF DESIGN

PLUMBING	OPR	BOD
DELIVERED TEMP - See MEP Design Guidelines and Water Supply Matrix		
HOT WATER SYSTEM		
BREWING	COLD	
HAND SINKS	100-110°F WITHIN 15 SEC.	
PRE-RINSE	100-110°F WITHIN 15 SEC.	
DISHWASHER	COLD	
UTILITY/MOP	110-120°F WITHIN 15 SEC.	
PIPING		
MATERIAL	COPPER OR PEX	
INSULATION	HOT SUPPLY AND RECIRC RETURN	
HOT WATER SYSTEM		
TYPE	50 GAL TANK OR TANKLESS	TANK / TANKLESS
ENERGY SOURCE	GAS PREFERRED WHEN AVAILABLE	GAS / ELECTRIC / HEAT PUMP
EFFICIENCY	96% GAS / 90% ELECTRIC	%
MIXING VALVE		
	140 MAX. DESIGN TEMP TO ACHIEVE FAUCET TEMPS	MIXING VALVE SETPOINT
RECIRCULATION PUMP		
SCHEDULE	CONTINUOUS W/ HOUR OF OPERATION	
WATER EFFICIENCY		
	FLOW / CONTROL TYPE	
TOILET	1.28 GPF (4.8 LPP) / MANUAL	
URINAL	0.125 GPF / MANUAL	
METERED SPOON RINSER	2.2 GPM / METERED	
PRE-RINSE VALVE	1.2 GPM / MANUAL	
RESTROOM HAND SINK	0.5 GPM (1.9 LPM) / MANUAL	
BACKLINE HAND SINK	0.5 GPM (1.9 LPM) / MANUAL	
WORKROOM HANDSINK	0.5 GPM (1.9 LPM) / MANUAL	
FILTRATION - See MEP Design Guidelines and Water Supply Matrix		
BREWING	FILTERED / SOFTENED W/ CONFIGURATION II	
HAND SINKS	SOFTENED W/ CONFIGURATION II	
HOT WATER	SOFTENED W/ CONFIGURATION II	
PRE-RINSE	SOFTENED W/ CONFIGURATION II	
DISHWASHER	SOFTENED W/ CONFIGURATION II	
UTILITY / MOP	SOFTENED W/ CONFIGURATION II	
EQUIPMENT		
ICE MACHINE	REMOTE	
DISHWASHER	HOBART ADVANSYS	

KEYED NOTES

- CONNECT TO LANDLORD INCOMING WATER SERVICE. COORDINATE LOCATION AND SIZE OF EXISTING WATER SERVICE WITH LANDLORD REPRESENTATIVE PRIOR TO ROUGH-IN.
- EXTEND 3/4" DOMESTIC COLD WATER LINE DOWN TO EXISTING HOSE BIBB. FIELD VERIFY LOCATION WITH LANDLORD REPRESENTATIVE PRIOR TO ROUGH-IN.
- EXTEND 1/2" DOMESTIC COLD WATER LINE ABOVE EXISTING FLOOR SLAB TO METERED SPOON RINSER, PITCH RINSER AT EACH RINSER SINK. REFER TO ESP-04 PLUMBING DETAIL ON SHEET P502 FOR ADDITIONAL INFORMATION.
- EXTEND 1/2" FILTERED DOMESTIC COLD WATER LINE ABOVE EXISTING FLOOR SLAB TO INSTANT HOT/COLD WATER FONT, TOWER DISPENSER AT EACH RINSER SINK AND EXTEND 1/2" FILTERED DOMESTIC COLD WATER LINE TO EACH ESPRESSO MACHINE. REFER TO PLUMBING DETAIL 2 ON SHEET P502 FOR ADDITIONAL INFORMATION.
- EXTEND FILTERED DOMESTIC COLD WATER AND DOMESTIC COLD WATER LINE DOWN AND EXTEND UNDERGROUND TO ESPRESSO MACHINES. REFER TO PLUMBING DETAIL 2 ON SHEET P502 FOR ADDITIONAL INFORMATION.
- EXTEND FILTERED DOMESTIC COLD WATER LINE TO WATER SOFTENER WATER SYSTEM. REFER TO CONFIGURATION II DETAIL 2 ON SHEET P501 FOR ADDITIONAL INFORMATION.
- DOMESTIC COLD AND HOT WATER FROM ELECTRIC WATER HEATER LOCATED ABOVE MOP BASIN. REFER TO WATER HEATER DETAILS ON SHEET P506 FOR ADDITIONAL INFORMATION.
- PROVIDE BOOSTER PUMP NEXT TO WATER HEATER. REFER TO BOOSTER PUMP DETAIL 4 ON SHEET P506 FOR ADDITIONAL INFORMATION.

GENERAL NOTES

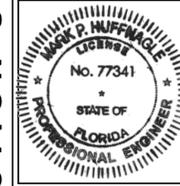
- FURNISH AND INSTALL A COMPLETE AND OPERATING SYSTEM. ALL ITEMS ARE NOT NECESSARILY SHOWN.
- PLUMBING CONTRACTOR RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO START OF WORK TO REVEAL FULL SCOPE OF WORK.
- ALL PLUMBING LINES TO BE ROUTED SUCH THAT THEY ARE NOT VISIBLE TO CUSTOMERS EXCEPT WHERE FIRST APPROVED BY STARBUCKS AT EXPOSED CEILING AREAS.
- REFER TO MANUFACTURER SPECIFICATIONS FOR LOCATION OF CONNECTIONS UNLESS OTHERWISE NOTED.
- DIMENSIONS ARE TO FINISH FACE UNLESS OTHERWISE NOTED.
- REFER TO DETAIL SHEETS FOR PLUMBING FITTINGS LOCATED IN CASEWORK.
- COLD WATER SUPPLY LINES INSIDE CASEWORK AND BAR AREA TO BE COVERED WITH 1/2" (10MM) THICK SELF SEALING, SECTIONAL CLOSED-CELL FOAM INSULATION. REFER TO SPECIFICATIONS FOR HOT WATER SUPPLY LINE INSULATION REQUIREMENTS.
- INSULATE ALL PIPING INCLUDING PIPES AT BAR AND IN CASEWORK PER THE REQUIREMENTS LISTED IN THE PROJECT MANUAL.
- GENERAL CONTRACTOR SHALL CONTACT WATER FILTRATION SUPPLIER TO COORDINATE S.O.W AND SCHEDULE PRIOR TO INSTALLATION OF WATER FILTRATION SYSTEM.



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STARBUCKS TEMPLATE VERSION: 12021.10.22



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ALOMA & TUSKAWILLA RD

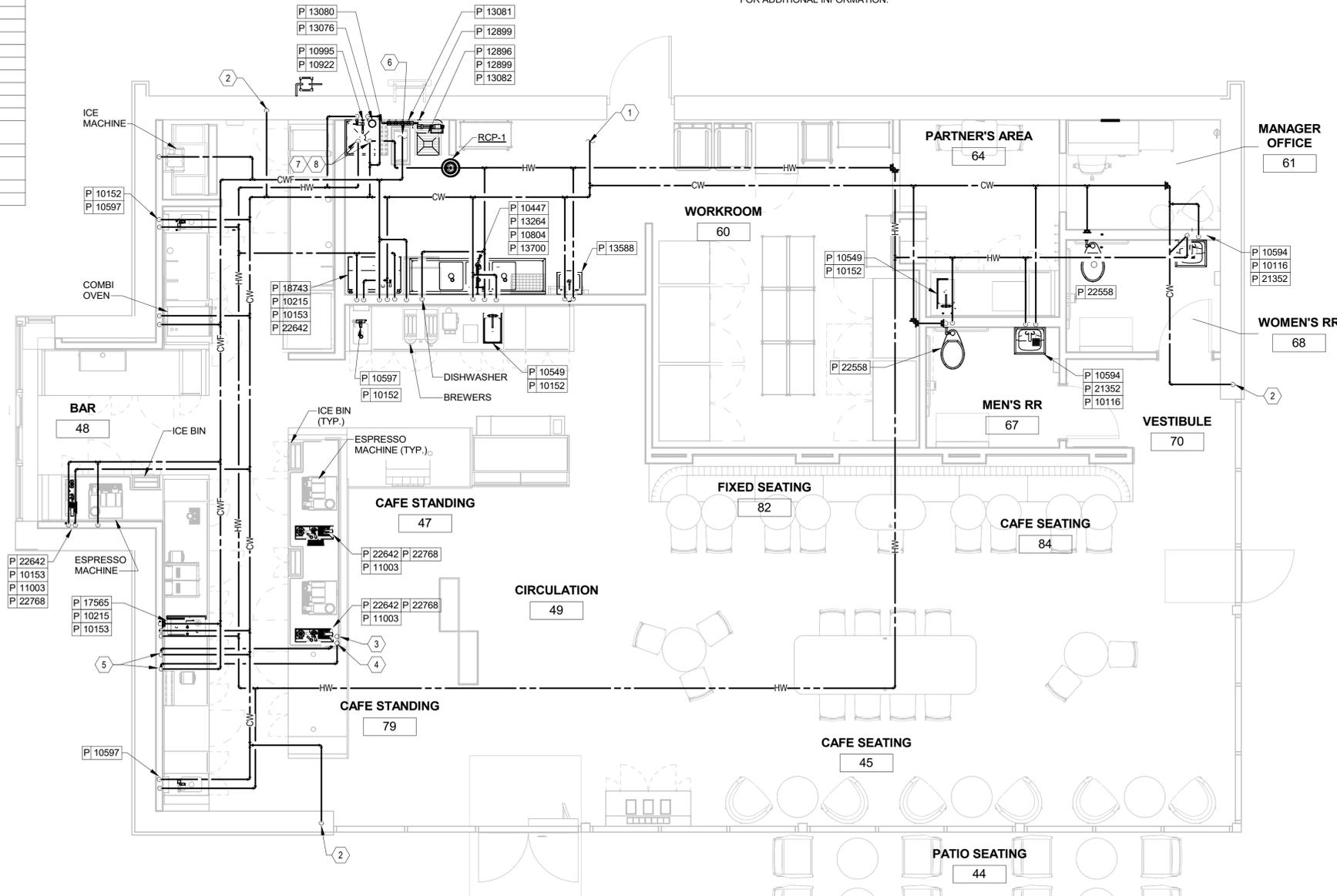
PROJECT ADDRESS:
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OVIEDO, FL 32765**

STORE #: 23308
PROJECT #: 62233-050
ISSUE DATE: 09/01/2023
DESIGN MANAGER:
PRODUCTION DESIGNER: CAH
CHECKED BY: BM

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
PLUMBING SUPPLY PLAN
SCALE: AS SHOWN

SHEET NUMBER:
P101



1 PLUMBING SUPPLY PLAN
Scale: 1/4" = 1'-0"

PERMIT SET - FOR CONSTRUCTION USE

PLUMBING FIXTURE SCHEDULE - "P"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DRAIN					
10294	14	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	
10594	2	DRAIN - FLOOR SINK SQUARE - 5IN 125MM	SB	GC	5" FLOOR DRAIN; MANUFACTURER: ZURN; MODEL: Z41B
10726	14	DRAIN - GRATE HALF SQUARE - 12IN 305MM	SB	GC	
X0701	3	FLOOR CLEAN OUT	GC	GC	WATTS DRAINAGE PRODUCTS CO-200-R EPOXY COATED CAST IRON FLOOR CLEANOUT WITH 5-1/8 IN (130MM) ROUND ADJUSTABLE NICKEL BRONZE (STANDARD) TOP AND NO HUB (MJ) CONNECTION.
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22642	4	FAUCET - INSTANTHOT SYSTEM 2 BUTTON WITH BOILER AND BRACKET			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					
12896	1	FILTER - BRINE TANK			
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22768	3	SINK - COUNTERTOP RINSER WITH WATER TOWER - 26X9IN 660X235MM			
TOILET					
22558	2	TOILET - TANKLESS AUTOMATIC SINGLE FLUSH			

SEE SHEET P601 FOR SANITARY AND VENT PIPE SIZING.

KEYED NOTES

- CONNECT TO LANDLORD EXISTING GREASE SANITARY LINE FROM SCHEIR GREASE INTERCEPTOR MODEL GB-75. COORDINATE LOCATION AND SIZE OF EXISTING GREASE INTERCEPTOR WITH LANDLORD REPRESENTATIVE PRIOR TO ROUGH-IN.
- CONNECT TO LANDLORD EXISTING SANITARY LINE. COORDINATE LOCATION AND SIZE OF EXISTING GREASE INTERCEPTOR WITH LANDLORD REPRESENTATIVE PRIOR TO ROUGH-IN.
- EXTEND 3" VENT LINE THROUGH ROOF. MAINTAIN 15'-0" ROOM ROOFTOP UNIT OUTSIDE AIR INTAKE. COORDINATE LOCATION OF ROOFTOP UNIT OUTSIDE AIR INTAKE WITH LANDLORD REPRESENTATIVE PRIOR TO ROUGH-IN.

GENERAL NOTES

- A. PLUMBING CONTRACTOR RESPONSIBLE TO FIELD VERIFY EXISTING SANITARY SYSTEM FOR CAPACITY, LOCATION, FLOW DIRECTION AND SIZES. MODIFY AS REQUIRED TO MEET THE INTENT OF THE NEW WORK.

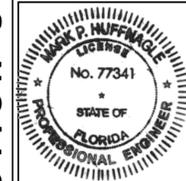


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STARBUCKS TEMPLATE VERSION: I2021.10.22



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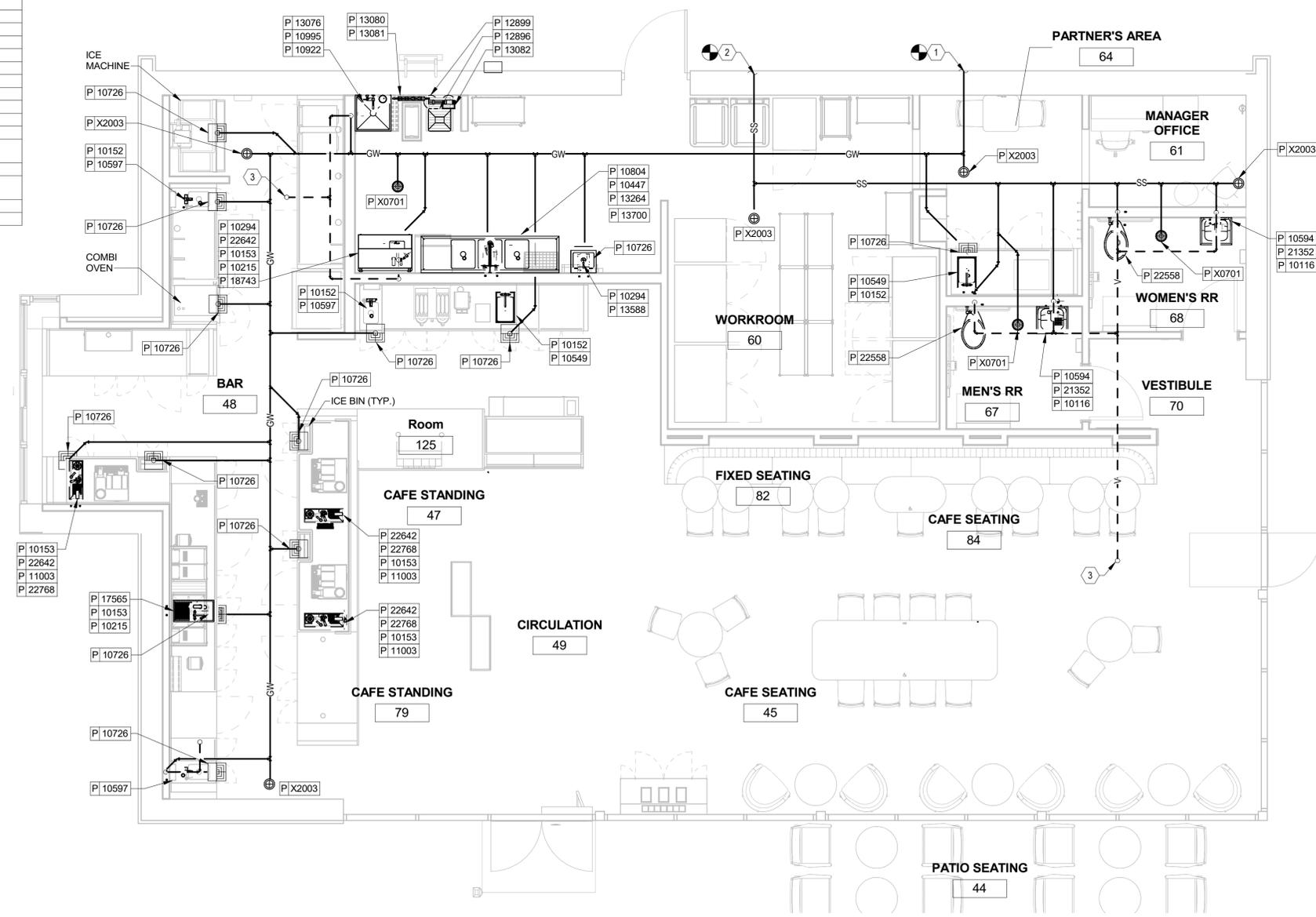
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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
PLUMBING WASTE & VENT PLAN
SCALE: AS SHOWN

SHEET NUMBER:
P102



1 PLUMBING WASTE & VENT PLAN
Scale: 1/4" = 1'-0"

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CHECKED BY: BM

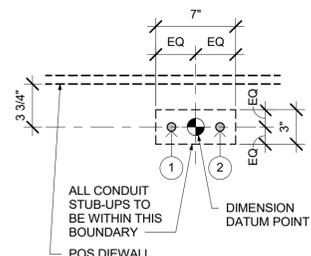
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
PLUMBING DETAILS

SCALE: AS SHOWN

SHEET NUMBER:

P501

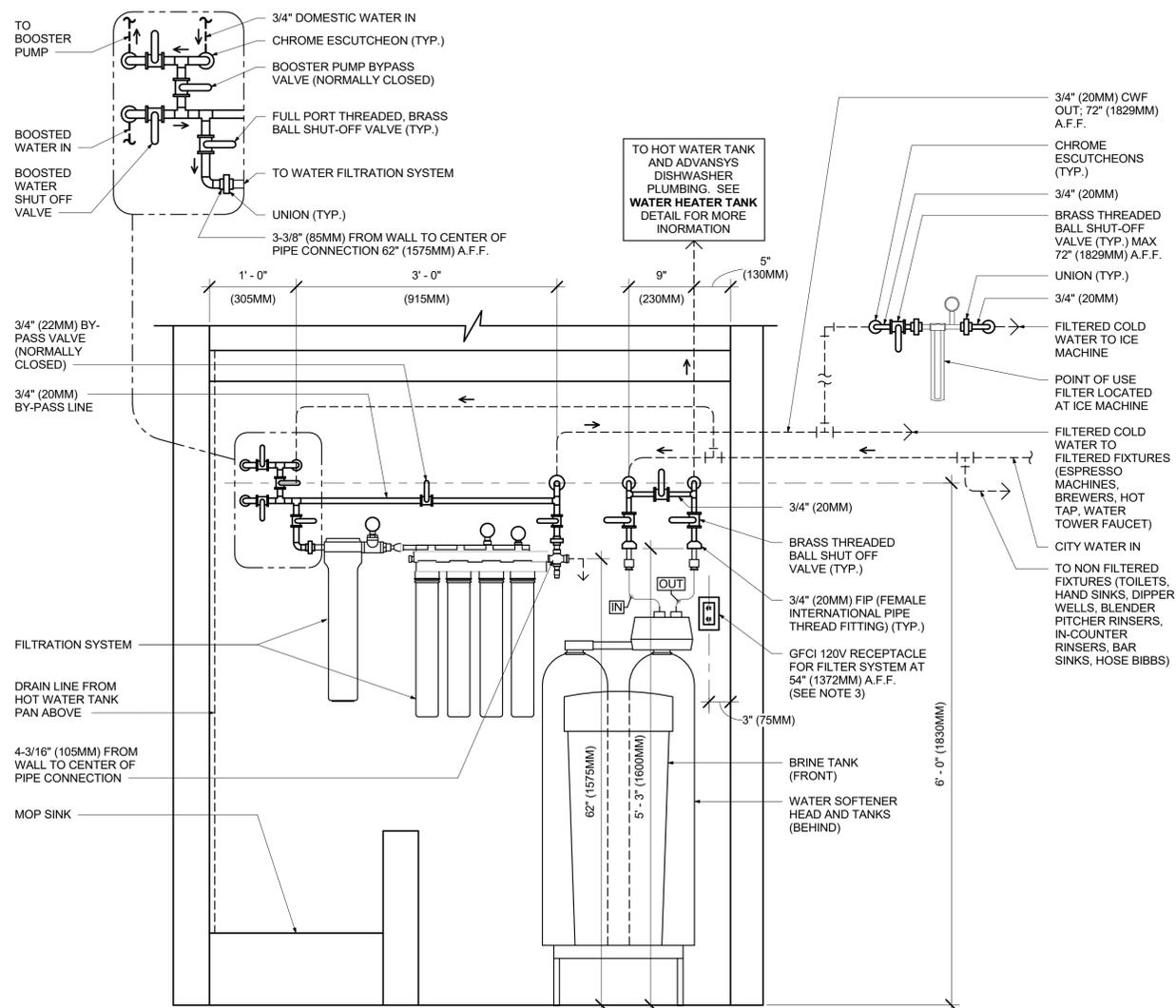


ESPRESSO BAR PLUMBING STUB-UP KEY	
1	CWF STUB-UP
2	CW STUB-UP

NOTE: SEE SHEET A102 - BUILDING FLOOR PENETRATION PLAN FOR FINAL DIMENSIONED LOCATION.

1 PLUMBING STUB-UPS AT ESPRESSO BAR

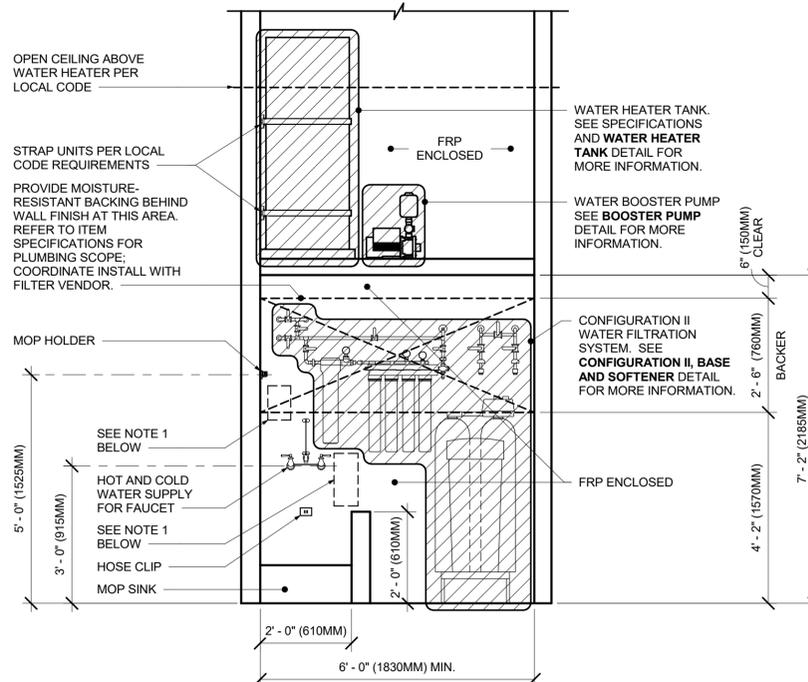
Scale: 1 1/2" = 1'-0"



- NOTES:
- ALL COMPONENTS DRAWN IN BOLD ARE GC RESPONSIBILITY. GC TO COORDINATE INSTALLATION OF ALL OTHER COMPONENTS SHOWN WITH FILTER VENDOR.
 - ALL PIPING SHALL BE COPPER EXCEPT PEX TYPE PIPING WHICH IS ACCEPTABLE BETWEEN FILTER SYSTEM COMPONENTS AND FROM SOFTNER TO ADVANSYS DISHWASHER WHERE ALLOWED BY CODE.
 - COORDINATE WITH ELECTRICAL CONTRACTOR FOR RECEPTACLES.
 - PROVIDE WATER SOFTENER INDIRECT DRAIN TO SINK, INSTALLED PER CODE. (CONFIRM REQUIREMENTS WITH SOFTENER EQUIPMENT CUTSHEETS IN ITEM SPECIFICATIONS).
 - IN MUNICIPALITIES WITH BRINE RESTRICTIONS, REFER TO THE WATER SYSTEM CONFIGURATIONS APPENDIX UNDER ITEM SPECIFICATIONS FOR WATER SOFTENER EXCHANGE TANK SCHEMATIC.
 - 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 II, BASE AND SOFTENER WATER FILTRATION

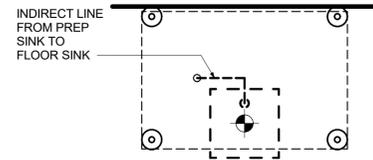
Scale: 1" = 1'-0"



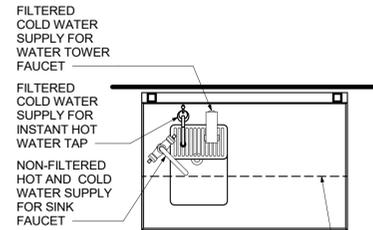
- NOTE:
- KEEP CLEAR AT BACKWALL FOR CHEMICAL DISPENSING SYSTEM COMPONENTS, TO BE INSTALLED BY SYSTEM VENDOR. REFER TO POSTED INSTALLATION GUIDELINES FOR MORE INFORMATION.

3 CONFIGURATION II

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



AT FLOOR LEVEL

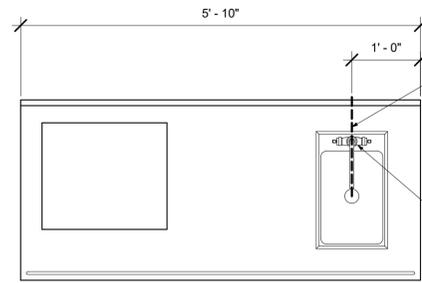


ABOVE COUNTERTOP

SHELVING ABOVE

1 WATER FILLING STATION - PLUMBING

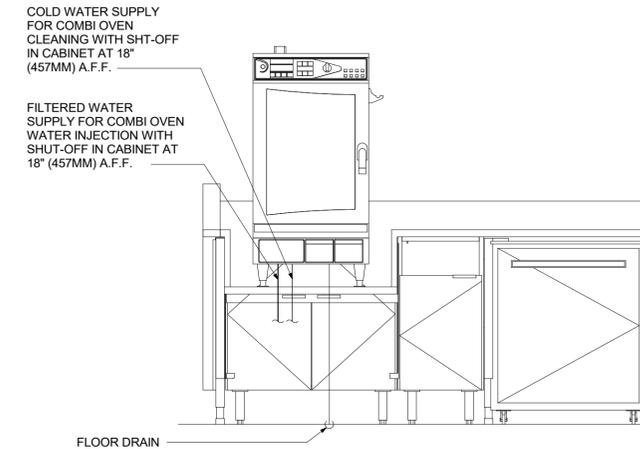
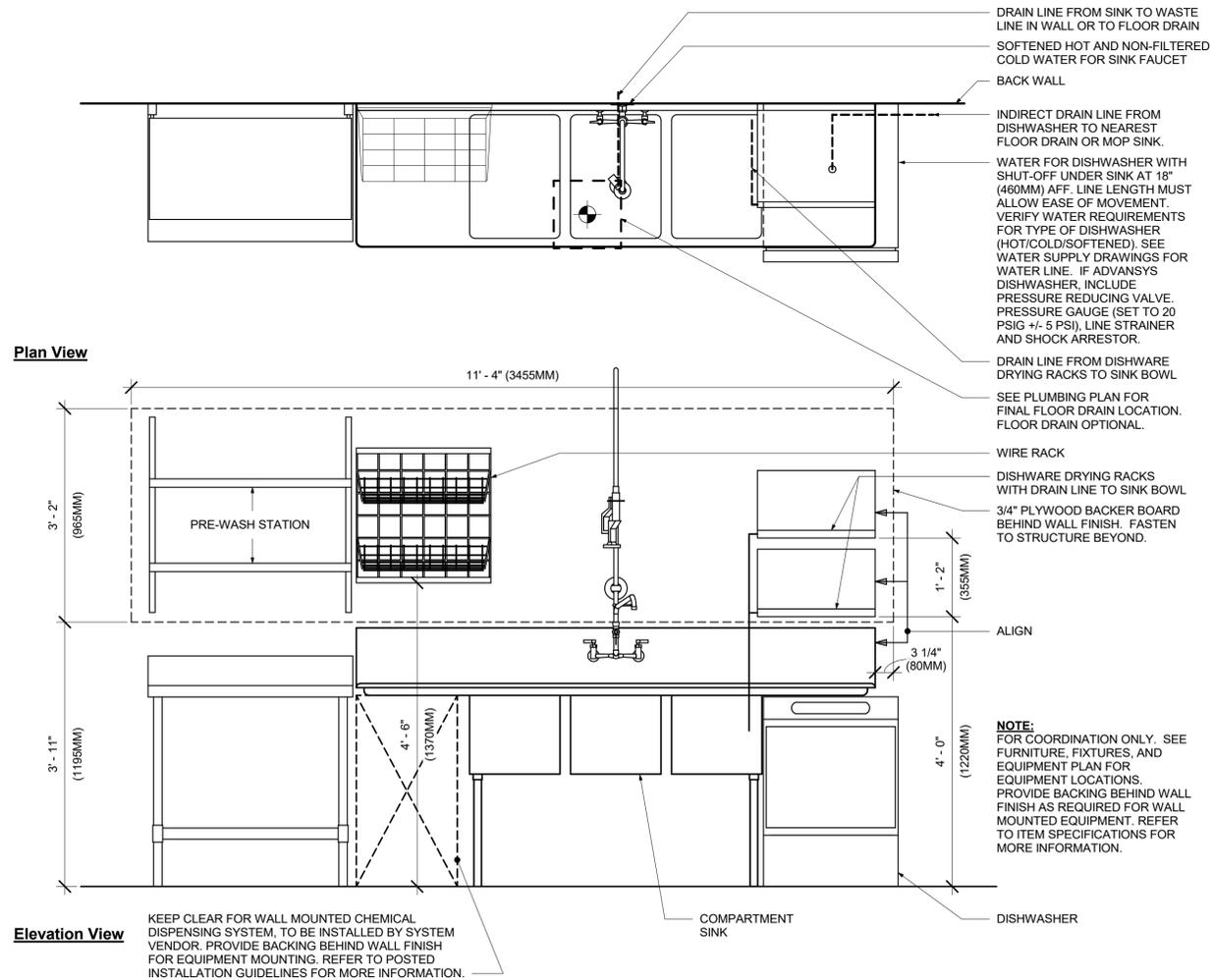
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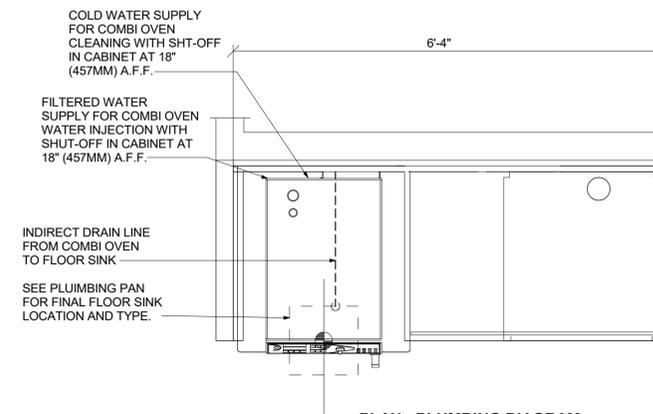
ADAPTABLE CASEWORK DETAIL

3 ADD-20-03 PARTNER AMENITY PLUMBING

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



ELEVATION - PLUMBING DIAGRAM



PLAN - PLUMBING DIAGRAM

4 CBE 19-01 PLUMBING

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

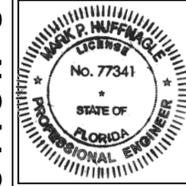


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PROJECT ADDRESS:
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STORE #: 23308
 PROJECT #: 62233-050
 ISSUE DATE: 09/01/2023
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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
PLUMBING DETAILS

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SHEET NUMBER:

P503

PERMIT SET - FOR CONSTRUCTION USE

2 SANITIZING (GENERIC) - PLUMBING

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



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Revision Schedule			
Rev	Date	By	Description

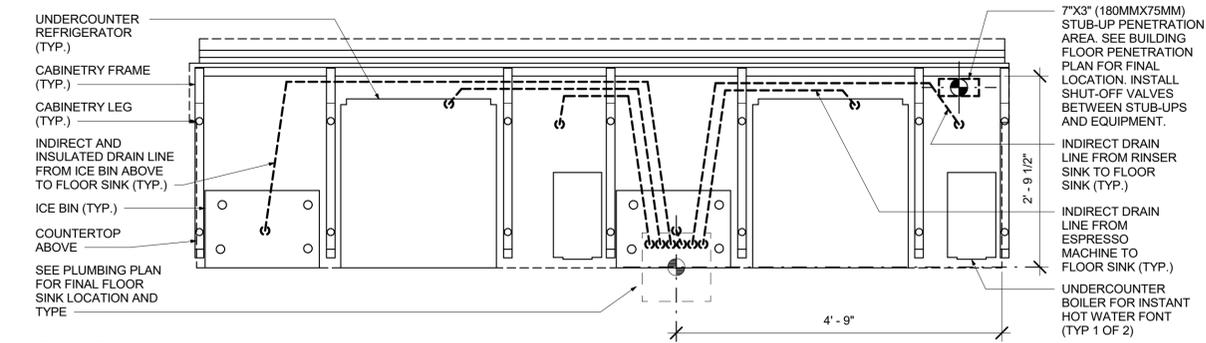
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PLUMBING DETAILS

SCALE: AS SHOWN

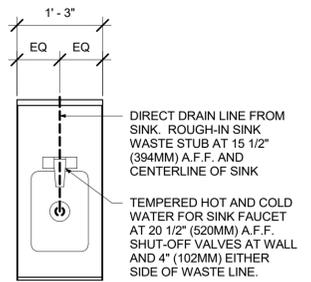
SHEET NUMBER:

P502

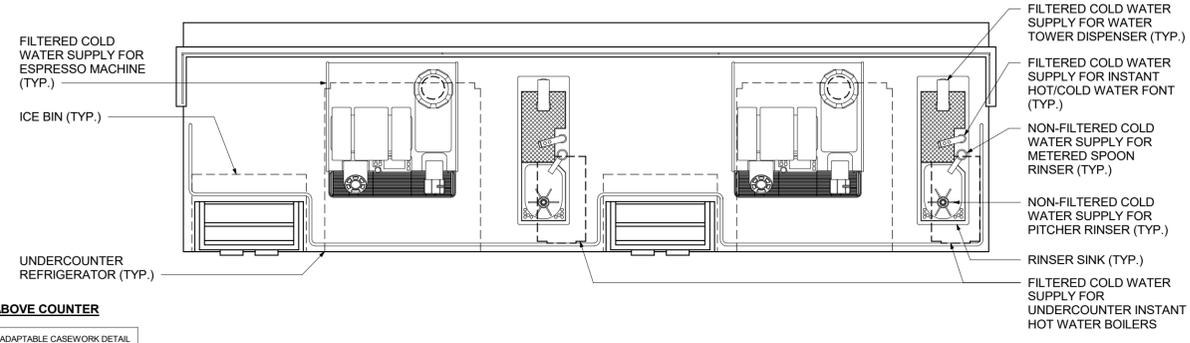
PERMIT SET - FOR CONSTRUCTION USE



UNDER COUNTER



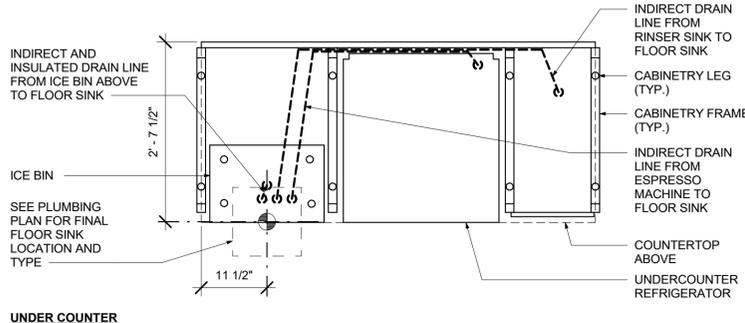
1 ADD-ON HAND SINK PLUMBING
Scale: 3/4" = 1'-0"



ABOVE COUNTER

ADAPTABLE CASEWORK DETAIL

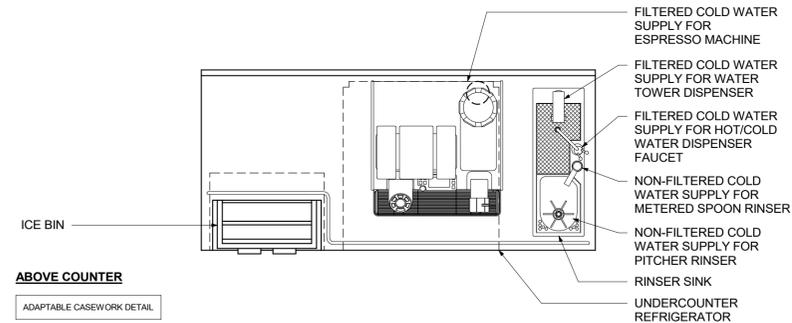
2 ESP 05-02 PLUMBING
Scale: 3/4" = 1'-0"



UNDER COUNTER

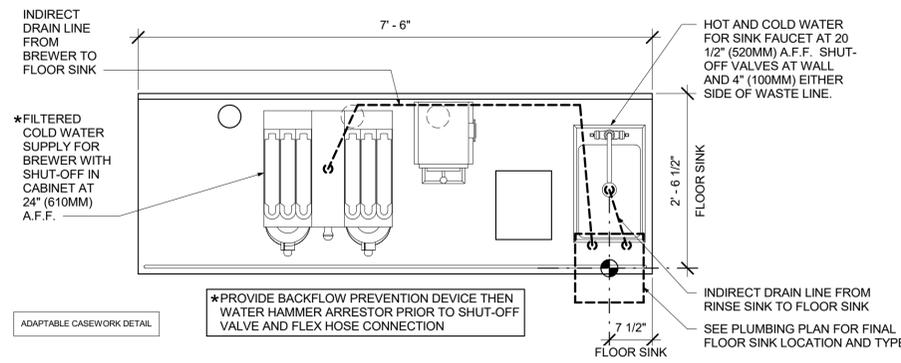
ADAPTABLE CASEWORK DETAIL

3 ESP 06-01 PLUMBING
Scale: 3/4" = 1'-0"



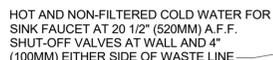
ABOVE COUNTER

ADAPTABLE CASEWORK DETAIL

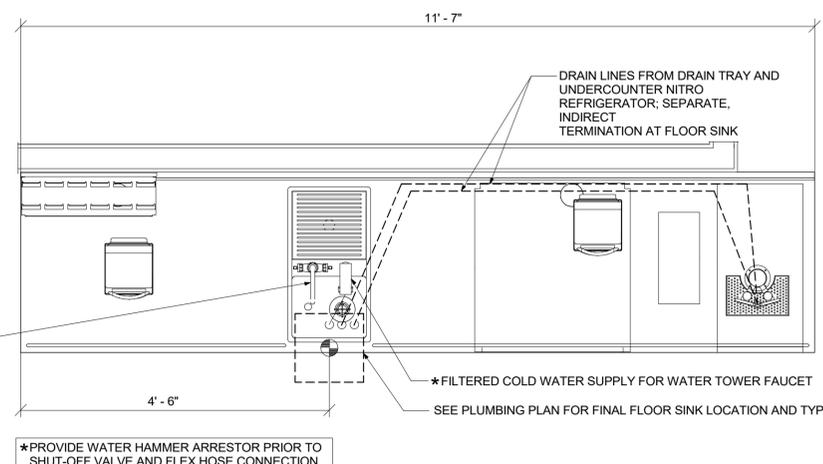


ADAPTABLE CASEWORK DETAIL

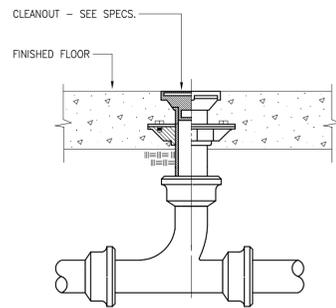
4 BRW 09-01 PLUMBING
Scale: 3/4" = 1'-0"



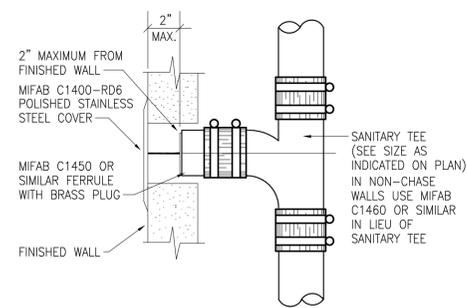
5 CBE 14-02 PLUMBING
Scale: 3/4" = 1'-0"



ADAPTABLE CASEWORK DETAIL

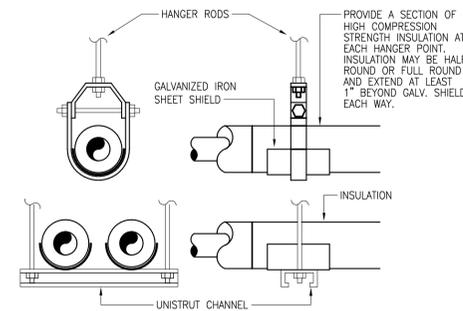


1 FLOOR CLEANOUT1
Scale: 1/8" = 1'-0"

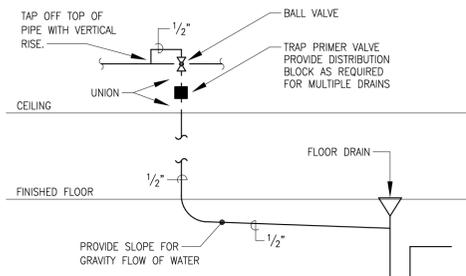


2 WALL CLEANOUT1
Scale: 1/8" = 1'-0"

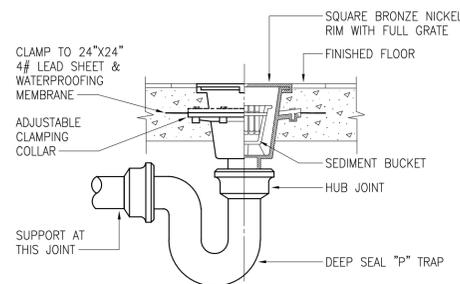
MINIMUM DIMENSIONS OF GALVANIZED SHEETMETAL PROTECTION SHIELDS AT PIPE HANGERS		
NOMINAL SIZE PIPE	SHIELD LENGTH (IN.)	GAUGE THICKNESS
1/2" & 3/4"	12	18
1" - 2-1/2"	12	18
3" - 4"	16	18
6"	18	16



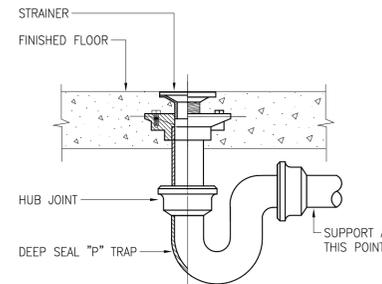
3 HANGER FOR INSULATED PIPING1
Scale: 1/8" = 1'-0"



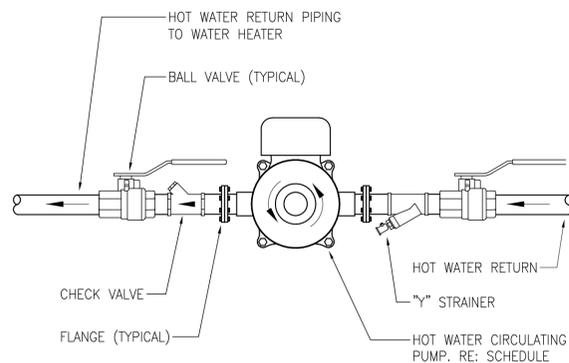
4 TRAP PRIMER1
Scale: 1/8" = 1'-0"



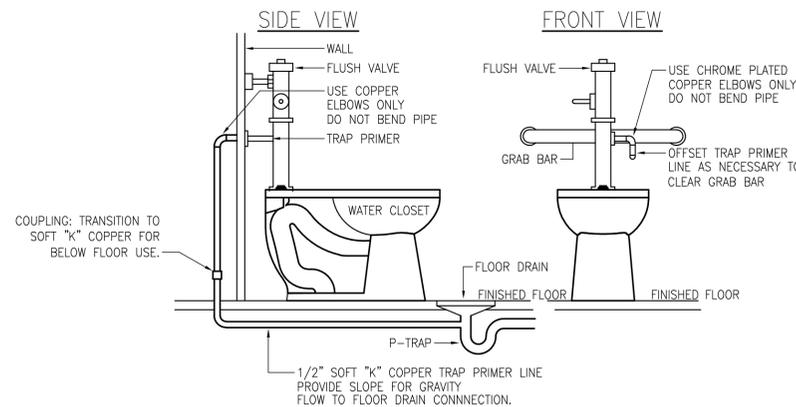
5 FLOOR SINK1
Scale: 1/8" = 1'-0"



6 FLOOR DRAIN1
Scale: 1/8" = 1'-0"



7 HOT WATER CIRCULATING PUMP1
Scale: 1/8" = 1'-0"



8 FLUSH VALVE TRAP PRIMER1
Scale: 1/8" = 1'-0"

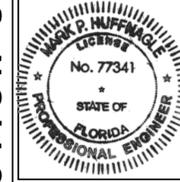
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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
PLUMBING DETAILS

SCALE: AS SHOWN

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P504

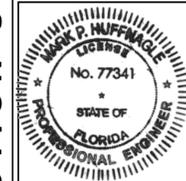


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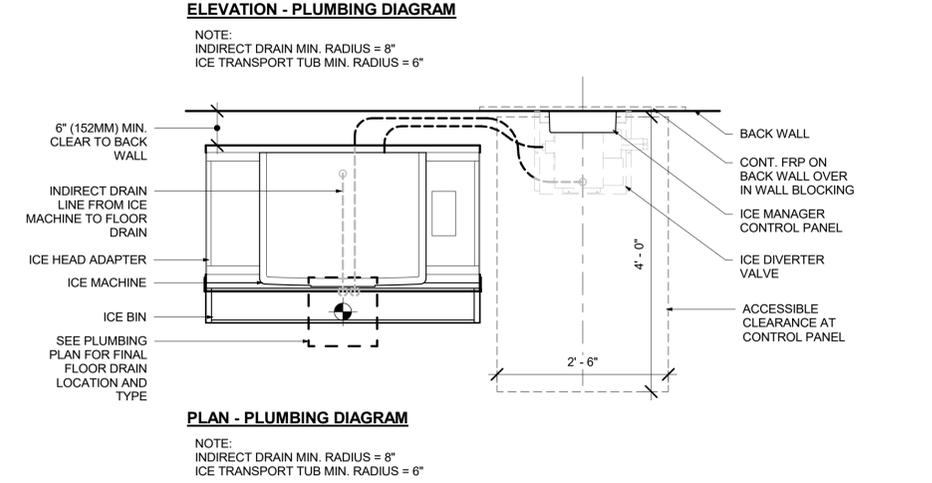
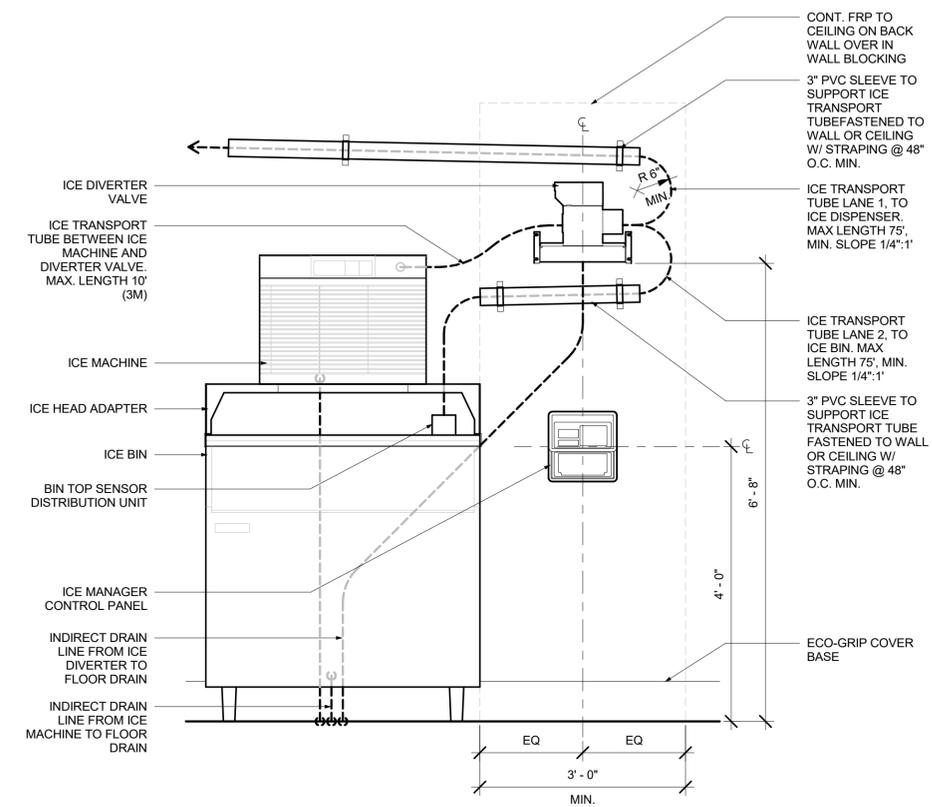
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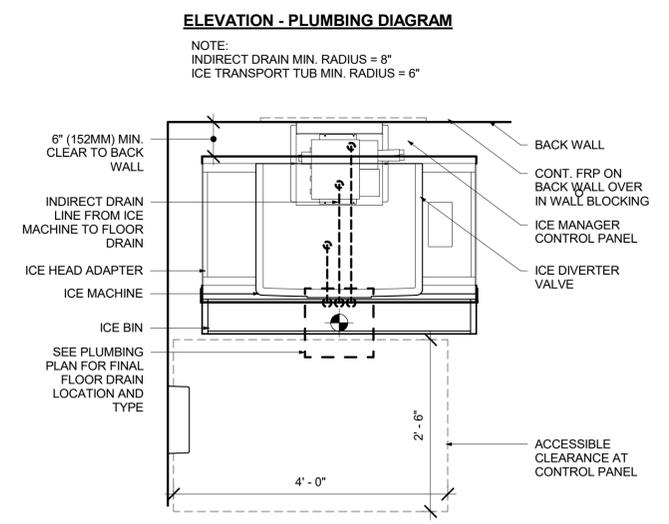
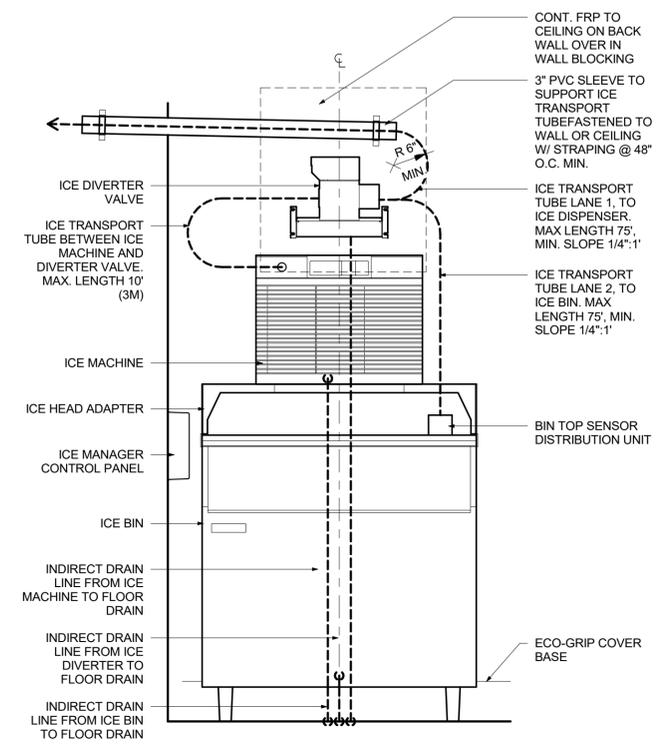
SHEET TITLE:
PLUMBING DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
P505



1 PLUMBING - NUGGET ICE - PEDESTAL SIDE
Scale: 3/4" = 1'-0"



2 PLUMBING - NUGGET ICE - PEDESTAL STACK
Scale: 3/4" = 1'-0"



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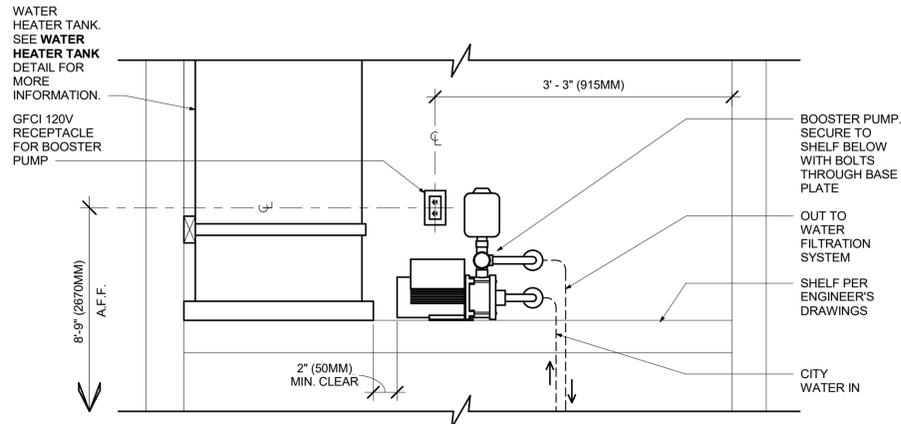
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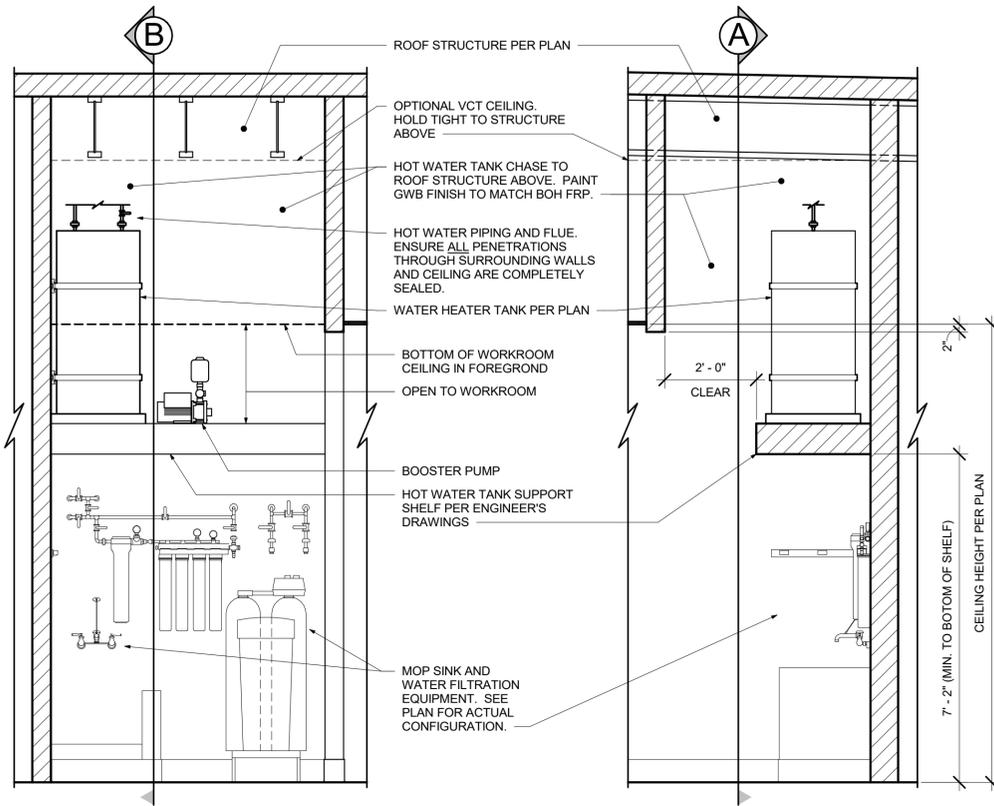
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P506

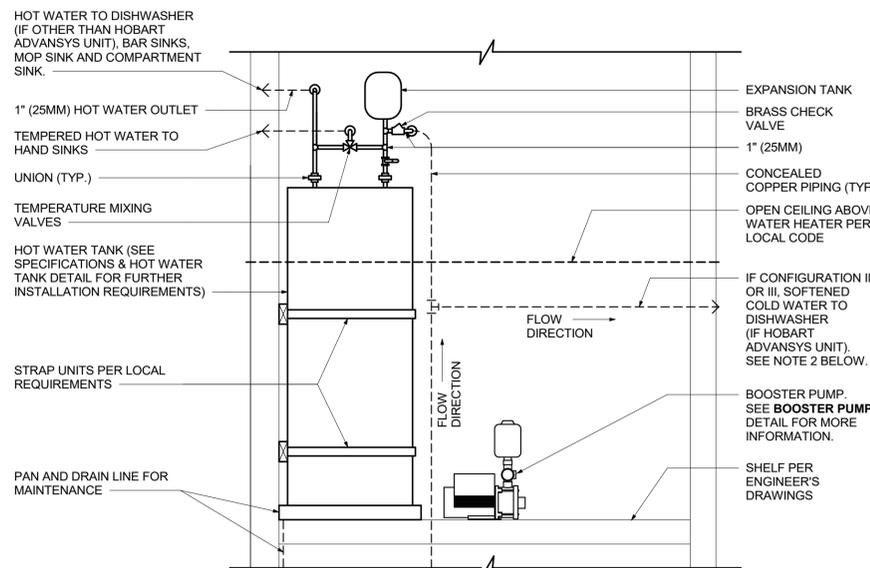


- NOTES:**
1. ALL COMPONENTS DRAWN IN BOLD ARE GC RESPONSIBILITY.
 2. ALL PIPING SHALL BE COPPER EXCEPT PEX TYPE PIPING WHICH IS ACCEPTABLE BETWEEN FILTER SYSTEM COMPONENTS AND ADVANSYS DISHWASHER WHERE ALLOWED BY CODE.
 3. POSITION BOOSTER PUMP SO THAT PRESSURE GAUGE IS READABLE AND ACCESSIBLE FOR TROUBLESHOOTING AND MAINTENANCE.
 4. BOOSTER PUMP STATIC AND DYNAMIC OUTLET PRESSURE SHALL BE BETWEEN 65 TO 70 PSI. VERIFY PER PUMPS INTEGRAL PRESSURE GAUGE.
 5. COORDINATE WITH ELECTRICAL CONTRACTOR FOR RECEPTACLES.
 6. ENSURE ALL PENETRATIONS THROUGH SURROUNDING WALLS AND CEILING ARE COMPLETELY SEALED.
 7. PROVIDE VIBRATION DAMPENING AT BOOSTER PUMP MOUNT TO PLATFORM.

4 BOOSTER PUMP - PLUMBING
Scale: 1" = 1'-0"

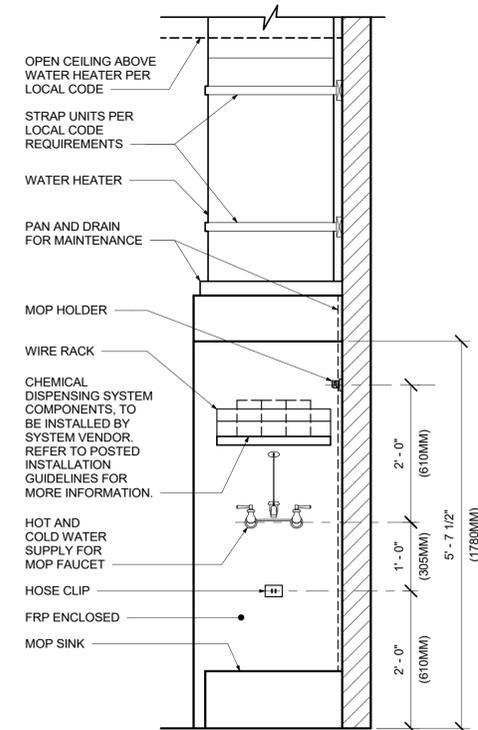


3 WATER HEATER TANK CHASE
Scale: 1/2" = 1'-0"



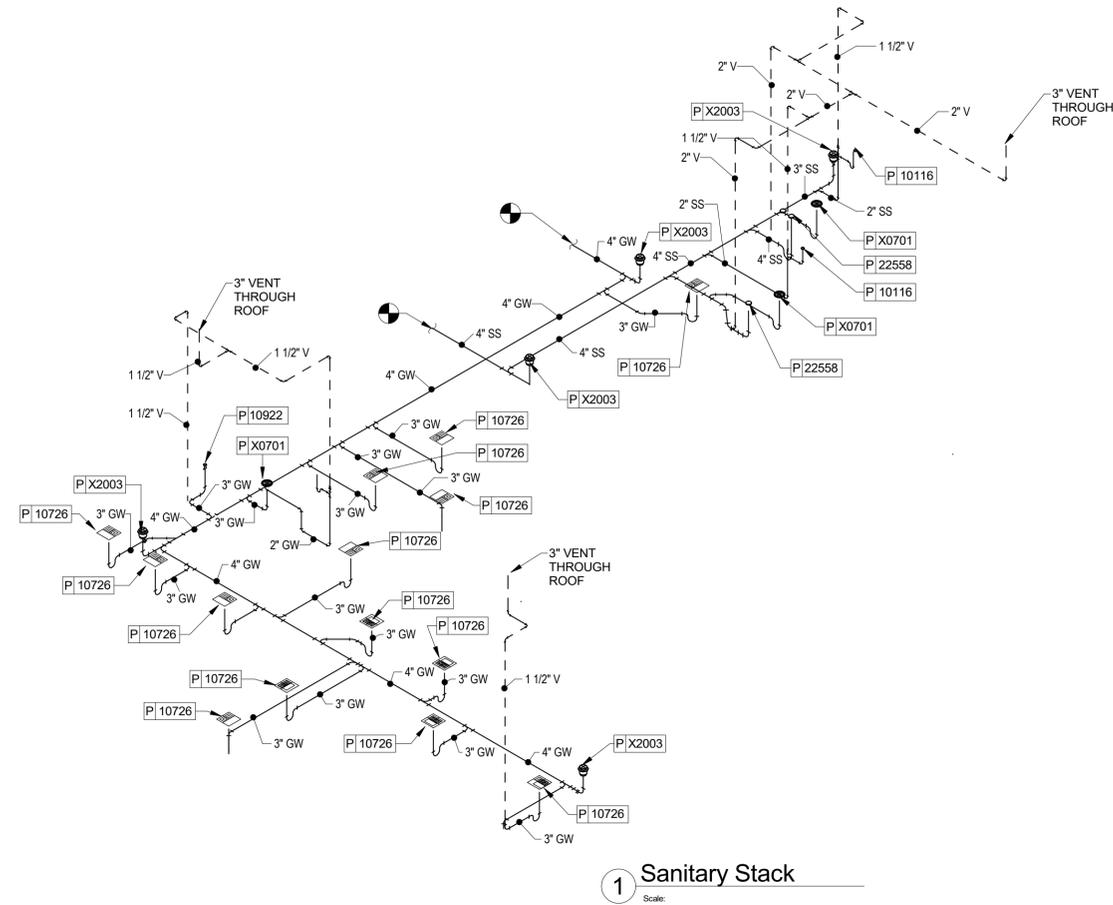
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 3. COORDINATE WITH ELECTRICAL CONTRACTOR FOR RECEPTACLES.
 4. ENSURE ALL PENETRATIONS THROUGH SURROUNDING WALLS AND CEILING ARE COMPLETELY SEALED.

2 WATER HEATER TANK - PLUMBING
Scale: 3/4" = 1'-0"

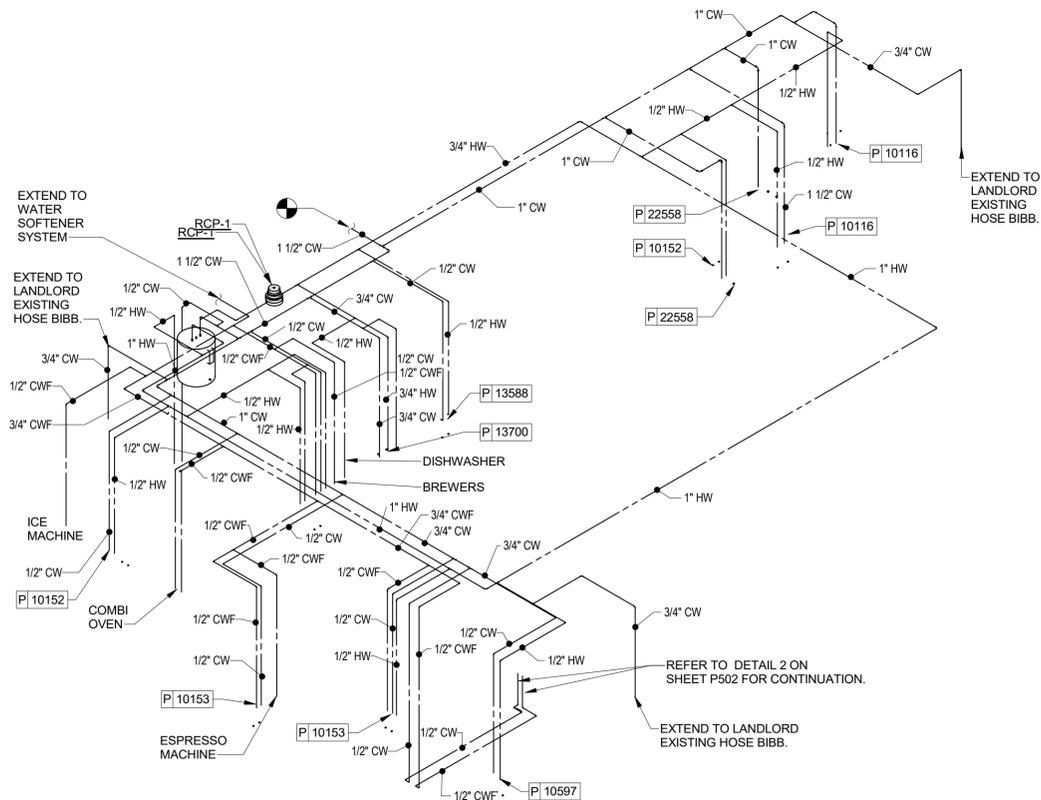


1 MOP SINK (STACKED) - PLUMBING
Scale: 3/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE - "P"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DRAIN					
10294	14	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	
10594	2	DRAIN - FLOOR SINK SQUARE - 5IN 125MM	SB	GC	5" FLOOR DRAIN; MANUFACTURER: ZURN; MODEL: Z41B
10726	14	DRAIN - GRATE HALF SQUARE - 12IN 305MM	SB	GC	
X0701	3	FLOOR CLEAN OUT	GC	GC	WATTS DRAINAGE PRODUCTS CO-200-R EPOXY COATED CAST IRON FLOOR CLEANOUT WITH 5-1/8 IN (130MM) ROUND ADJUSTABLE NICKEL BRONZE (STANDARD) TOP AND NO HUB (MJ) CONNECTION.
FAUCET					
10152	2	FAUCET - DOUBLE LABORATORY WITH BENT RISER SPOUT			
10153	5	FAUCET - WATER TOWER - 12IN 305MM			
10215	2	FAUCET - DOUBLE LABORATORY WITH SWING SPOUT			
10447	1	FAUCET - PRE RINSE SPRAYER WALL MOUNTED			
10597	3	FAUCET - SINGLE HANDLE			
10804	1	FAUCET - PRE RINSE SWING SPOUT			
10922	1	FAUCET - MOP SINK WALL MOUNTED			
11003	3	FAUCET - METERED			
13588	1	FAUCET - HAND SINK WALL MOUNTED			
21352	2	FAUCET - RESTROOM WITH MOTION SENSOR			
22642	4	FAUCET - INSTANTHOT SYSTEM 2 BUTTON WITH BOILER AND BRACKET			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					
12896	1	FILTER - BRINE TANK			
12899	2	FILTER - POLY GLASS VESSEL			
13076	1	FILTER - PREFILTRATION SYSTEM			
13080	1	FILTER - HEAD QUAD			
13081	4	FILTER - CARBON FILTER CARTRIDGE			
13082	1	FILTER - WATER SOFTENER TWIN			
23355	1	FILTER - FILTRATION BOOSTER PUMP			
OTHER					
11109	1	WATER HEATER TANK ELECTRIC			
21669	2	GREASE INTERCEPTOR GB75			
SINK					
10116	2	SINK - RESTROOM WALL MOUNTED			
10549	2	SINK - RINSE DROP IN SST - 12X20IN 305X510MM			
10995	1	SINK - MOP - 24X24IN 610X610MM			
13264	1	SINK - 3 COMP WORK SST - 93IN 2350MM			
14688	1	SINK - HAND WITH SIDE SPLASH WALL MOUNTED SST			
17565	1	SINK - RINSE WITH DRAINBOARD - 15X27IN 380X685MM			
18743	1	SINK - WATER FILLING STATION - 36X24IN 915X610MM			
22768	3	SINK - COUNTERTOP RINSE WITH WATER TOWER - 26X9IN 660X235MM			
TOILET					
22558	2	TOILET - TANKLESS AUTOMATIC SINGLE FLUSH			



1 Sanitary Stack
Scale:



2 Domestic Water Riser
Scale:

MISCELLANEOUS PLUMBING EQUIPMENT				
TAG	MFGR.	MODEL	DESCRIPTION	REMARKS
RCP-1	BELL & GOSSETT	#100	RECIRCULATING PUMP	BRONZE PUMP WITH A CAPACITY OF 1.5 GPM @ 7.9 FT. HEAD, 1/12 HORSEPOWER, 1750 RPM, 120V-1Ø. INSTALL NEAR WATER HEATER PER MANUFACTURER'S INSTRUCTION.



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STORE #: 23308
PROJECT #: 62233-050
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PRODUCTION DESIGNER: CAH
CHECKED BY: BM

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
**PLUMBING SCHEDULES,
STACK AND RISER**
SCALE: AS SHOWN

SHEET NUMBER:
P601

PERMIT SET - FOR CONSTRUCTION USE