

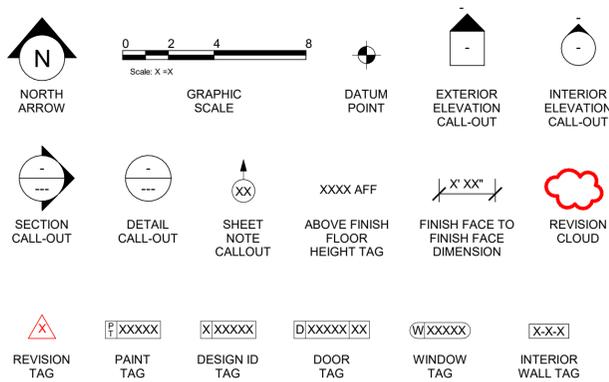
**ABBREVIATIONS**

AC	AIR CONDITIONING
ACT	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
CONM	CONSTRUCTION MANAGER
CTR	CENTER
CX	COMMISSIONING
CXA	COMMISSIONING AGENT
DEG	DEGREE
DET	DETAIL
DIA	DIAMETER
DM	DIMENSION
DM	STARBUCKS
DM	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	GYPSPUM 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
NLT	NIGHT LIGHT
NTS	NOT TO SCALE
OC	ON CENTER
O.D.	OUTSIDE DIAMETER
PIR	PASSIVE INFRARED SENSOR
PLC	PLACE
R	RADIUS
REF	REFERENCE
REQ'D	REQUIRED
REV	REVISION
RND	ROUND
SB	STARBUCKS
SC	SOLID CORE
SF	SQUARE FEET
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
TEMP	TEMPORARY
TYP	TYPICAL
UC	UNDER COUNTER
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VIF	VERIFY IN FIELD

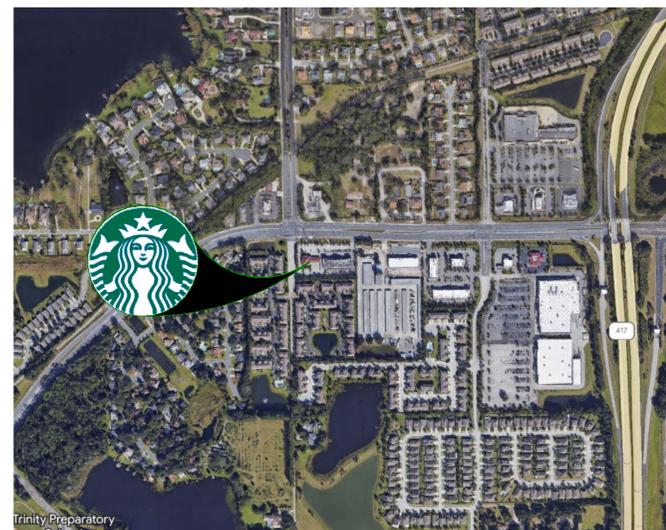
**RESPONSIBILITY LEGEND**

GC	GENERAL CONTRACTOR
LL	LANDLORD
SB	STARBUCKS

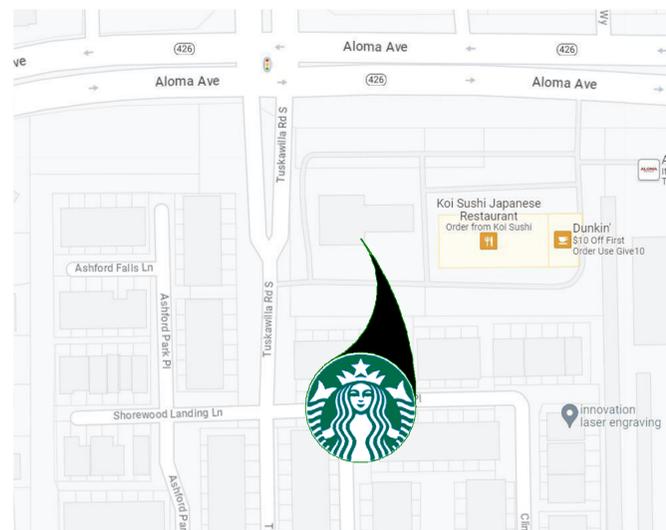
**ARCHITECTURAL SYMBOL LEGEND**



**AERIAL MAP**



**VICINITY PLAN**



**PROJECT CONTACTS**

**MAILING ADDRESS:**  
STARBUCKS COFFEE COMPANY  
2401 UTAH AVENUE SOUTH  
MS STOP: S-SD10  
SEATTLE, WA 98134  
(206) 318-1575

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

**DESIGNER & SUBMITTALS:**  
PAULINA LOPEZ H. GENSLER  
CHAPULTEPEC UNO  
REFORMA 509, PISO 26  
CUAUHTEMOC, 06500  
CDMX, MEXICO  
PAULINA\_LOPEZ@GENSLER.COM  
SBUX-SUBMITTALS@GENSLER.COM

**CONSTRUCTION MANAGER:**  
ROD MURPHY  
STARBUCKS COFFEE COMPANY  
(321) 200-2686  
RMURPHYJ@STARBUCKS.COM

**LANDLORD:**  
HILLGRAY SEVEN, LLC  
1350 CITY VIEW CENTER  
OVIEDO, FL 32765  
(561) 716-7800  
CONTACT: DREW HILL

**ARCHITECT OF RECORD:**  
M. ARTHUR GENSLER JR. & ASSOCIATES  
FL QUALIFIER'S LIC. NO. AF 96486  
400 N. MARKET STREET, SUITE 200  
SAN FRANCISCO, CA 94102  
TAMPA, FLORIDA 33602  
CONTACT: SARAH M. JOUBERT

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

**STRUCTURAL CONSULTANT OF RECORD:**  
BLISS & NYTRAY, 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. (ENCLOSED) + 360 SQ.FT. (COVERED PATIO) (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: 107/127 CSF / 200 GROSS = 6  
144.5 CSF / 15 NET = 77  
TOTAL OCCUPANCY: 83  
MINIMUM EGRESS WIDTH (PER FBC SECTION 1006):  
REQUIRED EGRESS WIDTH = 83 PEOPLE X 0.2 = 16.6"  
PROVIDED: 144"  
MINIMUM EXITS REQUIRED (PER FBC SECTION 1006.3.2):  
OCCUPANT LOAD PER STORY: 1,500  
REQUIRED: 3  
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	X			
G003	FOOD SERVICE PLAN	X	X	X			
G004	ACCESSIBILITY GUIDELINES	X	X	X			
G004.1	ACCESSIBILITY GUIDELINES	X	X	X			
G005	PERSPECTIVE VIEWS	X	X	X			

**ARCHITECTURAL**

A101	BUILDING FLOOR PLAN	X	X	X			
A102	BUILDING FLOOR PENETRATION PLAN	X	X	X			
A501	WALL FRAMING DETAILS	X	X	X			
A502	BUILDING DETAILS	X	X	X			
A601	WINDOW AND DOOR SCHEDULES & DETAILS	X	X	X			
A602	HARDWARE SCHEDULES	X	X	X			

**INTERIORS**

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I101.1	ENLARGED FF & E	X	X	X			
I102	CASEWORK PLAN	X	X	X			
I102.1	ADAPTABLE CASEWORK BASE PLAN	X	X	X			
I102.2	ADAPTABLE CASEWORK FRAMEWORK PLAN	X	X	X			
I102.3	ADAPTABLE CASEWORK CABINET PLAN	X	X	X			
I102.4	ADAPTABLE CASEWORK COUNTERTOP PLAN	X	X	X			
I103	REFLECTED CEILING PLAN	X	X	X			
I103.1	DIMENS. REFLECTED CEILING PLAN	X	X	X			
I103.2	REFLECTED CEILING PLAN REFERENCE	X	X	X			
I104	FLOOR FINISH PLAN	X	X	X			
I105	WALL FINISH PLAN	X	X	X			
I201	INTERIOR FINISH ELEVATIONS	X	X	X			
I202	INTERIOR FINISH ELEVATIONS	X	X	X			
I203	INTERIOR FINISH ELEVATIONS	X	X	X			
I401	RESTROOM PLAN & ELEVATIONS	X	X	X			
I501	ADAPTABLE CASEWORK DETAILS	X	X	X			
I501.1	ADAPTABLE CASEWORK SECTIONS	X	X	X			
I502	CASEWORK DETAILS	X	X	X			
I503	IMPULSE FIXTURE DETAILS	X	X	X			
I504	RCP DETAILS	X	X	X			
I504.1	RCP DETAILS	X	X	X			
I505	FLOOR FINISH DETAILS	X	X	X			
I506	FLOOR FINISH DETAILS	X	X	X			
I507	WALL FINISH DETAILS	X	X	X			
I508	ARTWORK DETAILS	X	X	X			
I509	MENU & SIGNAGE DETAILS	X	X	X			
I510	FURNITURE DETAILS	X	X	X			
I601	CASEWORK AND FF&E SCHEDULES	X	X	X			
I602	INTERIOR FINISHES SCHEDULES	X	X	X			

**STRUCTURAL**

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

**ELECTRICAL**

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

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

**PLUMBING**

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P101	PLUMBING SUPPLY PLAN	X	X	X			
P102	PLUMBING WASTE & VENT PLAN	X	X	X			
P501	PLUMBING DETAILS	X	X	X			
P502	PLUMBING DETAILS	X	X	X			
P503	PLUMBING DETAILS	X	X	X			
P504	PLUMBING DETAILS	X	X	X			
P505	PLUMBING DETAILS	X	X	X			
P506	PLUMBING DETAILS	X	X	X			
P601	PLUMBING SCHEDULES	X	X	X			

**PERMIT SET - FOR CONSTRUCTION USE**



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

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STARBUCKS TEMPLATE VERSION: i2023.04.24

SARAH M. JOUBERT AIA, REG. NO. AR94307



OFFICE:  
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SAN FRANCISCO, CA 94102, USA  
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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: 10/12/2023  
DESIGN MANAGER: LUCAS ALVAREZ -T.  
PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

**Revision Schedule**

Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**GENERAL INFORMATION**

SCALE: AS SHOWN

SHEET NUMBER:  
**G001**





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STARBUCKS TEMPLATE VERSION: i2023.04.24

SARAH M. JOUBERT AIA, REG. NO. AR94307

**Gensler**

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4024 HASKELL DRIVE  
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PERMIT SET - FOR CONSTRUCTION USE

PROJECT NAME:  
**ALOMA AVE &  
TUSKAWILLA RD**

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Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

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 BACKSPLASH, POLYVINYL BASE  
CEILING: PAINTED GYPSUM CEILING

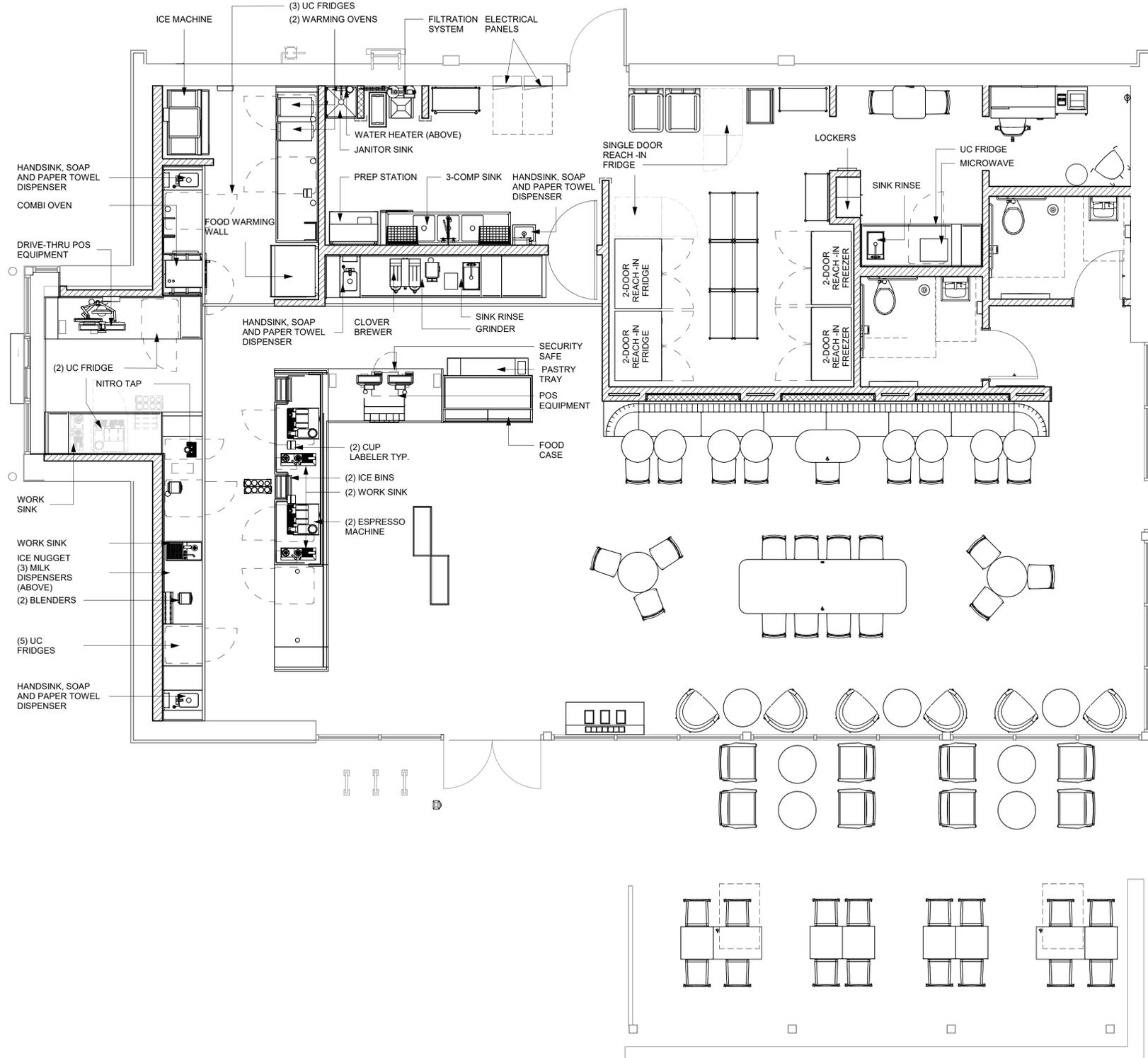
**CAFE**  
FLOOR: CONCRETE FLOORING, GROUND, POLISHED AND SEALED  
WALL: WOOD CLADDING, WALL COVERING, PAINT  
CEILING: PAINTED GYPSUM & ACM CEILING

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

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

**HEALTH DEPT. PLAN NOTES**

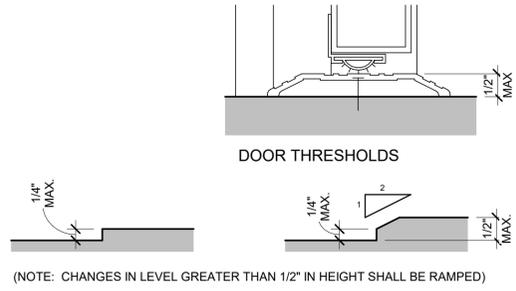
- A. GENERAL CONTRACTOR TO SCHEDULE WITH REFRIGERATION CONTRACTOR TO CONDUCT INITIAL FOOD CASE START-UP AND TESTING. FOR APPROVED CONTRACTOR, CONTACT THE VENDOR.
- B. THE SPACE IS SERVED BY THE MUNICIPAL WATER AND SEWER SYSTEM UNLESS OTHERWISE NOTED.
- C. ALL EQUIPMENT AND INSTALLATION WILL MEET NATIONAL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

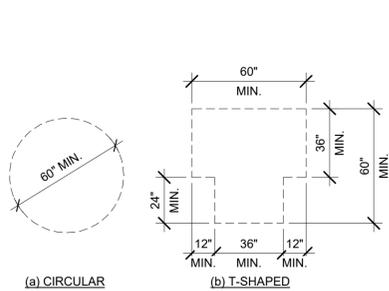
**GENERAL NOTES**

- 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).



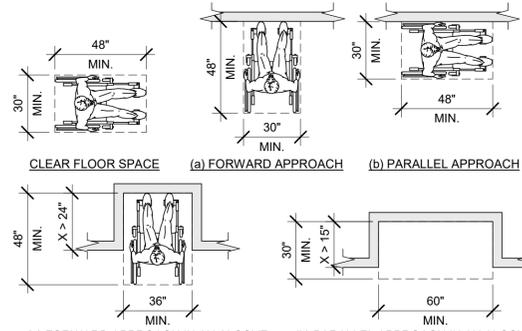
**01 CHANGES IN LEVEL**

Scale: 6" = 1'-0"



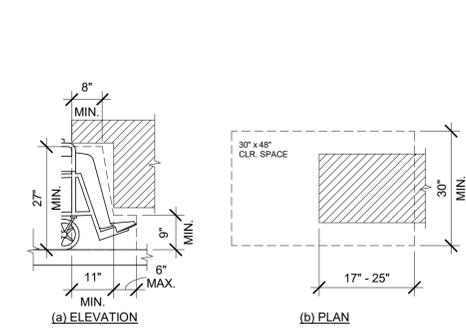
**02 TURNING SPACE**

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



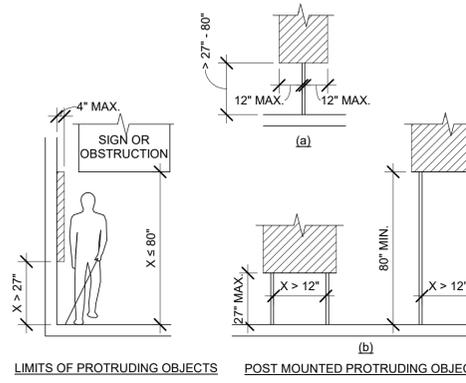
**03 CLEAR FLOOR SPACE**

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



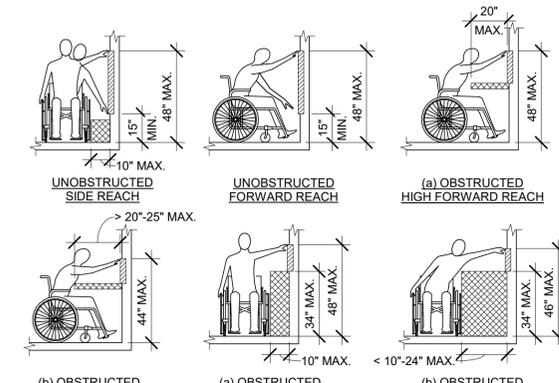
**04 KNEE AND TOE CLEARANCE**

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



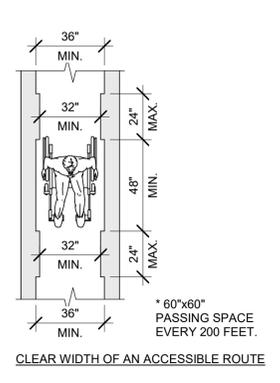
LIMITS OF PROTRUDING OBJECTS POST MOUNTED PROTRUDING OBJECTS

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



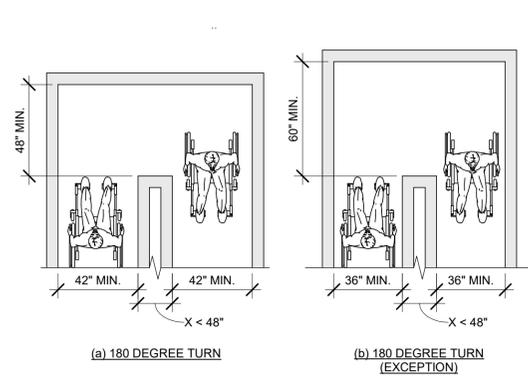
UNOBSTRUCTED SIDE REACH UNOBSTRUCTED FORWARD REACH (a) OBSTRUCTED HIGH FORWARD REACH (b) OBSTRUCTED HIGH SIDE REACH (a) OBSTRUCTED HIGH SIDE REACH (b) OBSTRUCTED HIGH SIDE REACH

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



CLEAR WIDTH OF AN ACCESSIBLE ROUTE

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



(a) 180 DEGREE TURN (b) 180 DEGREE TURN (EXCEPTION)

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**

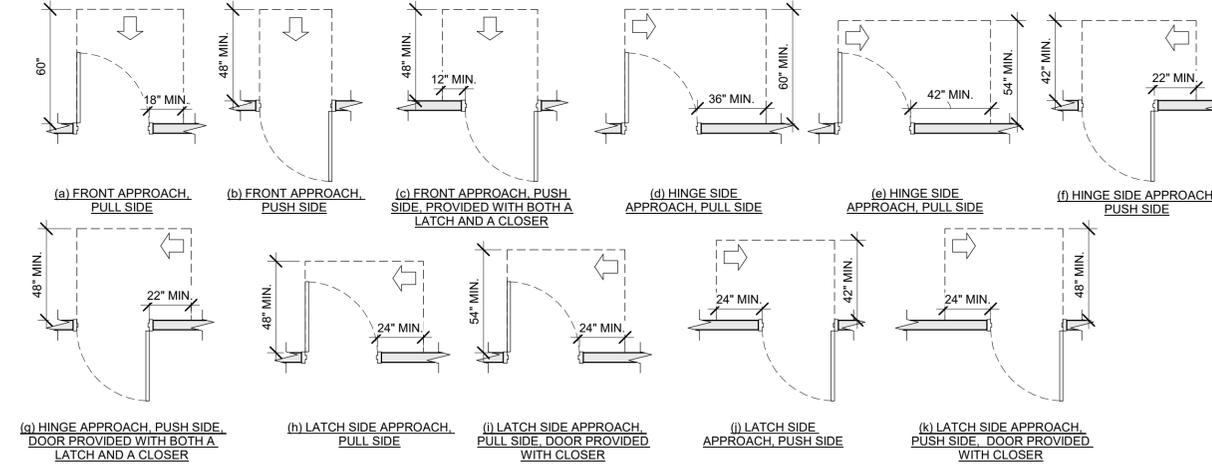
Scale: 1/4" = 1'-0"

**07 CLEAR WIDTH**

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

**08 CLEAR WIDTH AT 180 DEGREE TURN**

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



(a) FRONT APPROACH, PULL SIDE (b) FRONT APPROACH, PUSH SIDE (c) FRONT APPROACH, PUSH SIDE, PROVIDED WITH BOTH A LATCH AND A CLOSER (d) HINGE SIDE APPROACH, PULL SIDE (e) HINGE SIDE APPROACH, PUSH SIDE (f) HINGE SIDE APPROACH, PUSH SIDE (g) HINGE APPROACH, PUSH SIDE, DOOR PROVIDED WITH BOTH A LATCH AND A CLOSER (h) LATCH SIDE APPROACH, PULL SIDE (i) LATCH SIDE APPROACH, PULL SIDE, DOOR PROVIDED WITH CLOSER (j) LATCH SIDE APPROACH, PUSH SIDE (k) LATCH SIDE APPROACH, PUSH SIDE, DOOR PROVIDED WITH CLOSER

2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, FIG. 404.2.4 MANEUVERING CLEARANCES.



FRONT APPROACH SIDE APPROACH (a) PULL SIDE - FRONT APPROACH (b) (c) PUSH SIDE

2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, FIG. 404.2.3 MANEUVERING CLEARANCES AT RECESSED DOORS AND GATES.

**09 MANEUVERING CLEARANCES AT SWINGING DOORS**

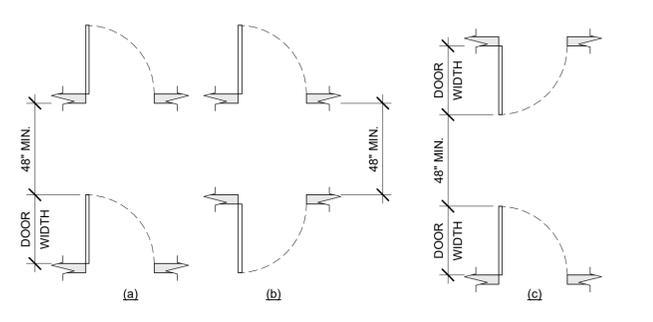
Scale: 1/4" = 1'-0"

**11 CLEAR WIDTH AT DOORS & DOORWAYS**

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

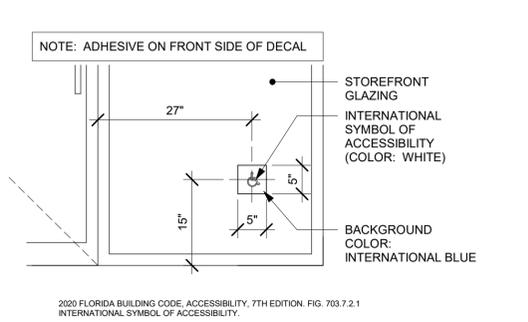
**12 RECESSED DOORS**

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



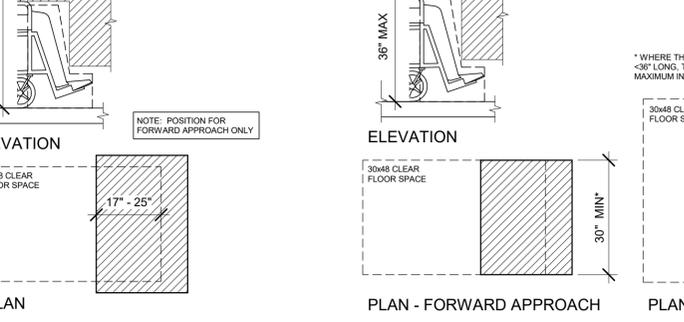
(a) (b) (c)

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



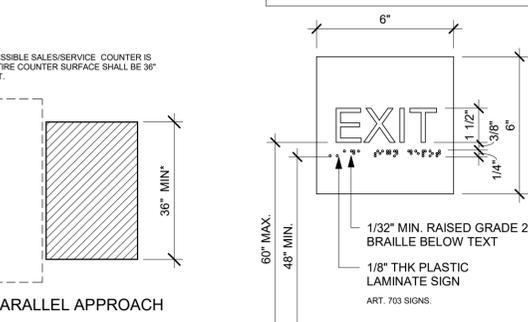
NOTE: ADHESIVE ON FRONT SIDE OF DECAL. STOREFRONT GLAZING INTERNATIONAL SYMBOL OF ACCESSIBILITY (COLOR: WHITE) BACKGROUND COLOR: INTERNATIONAL BLUE

2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, FIG. 703.7.1 INTERNATIONAL SYMBOL OF ACCESSIBILITY.



ELEVATION PLAN PLAN - FORWARD APPROACH PLAN - PARALLEL APPROACH

2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, ART. 902 DINING SURFACES AND WORK SURFACES. 2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, ART. 904 CHECK-OUT AISLES AND SALES AND SERVICE COUNTERS.



ACCESSIBLE EXIT SIGN / SYMBOL

2020 FLORIDA BUILDING CODE, ACCESSIBILITY, 7TH EDITION, FIG. 703.7.2 ACCESSIBLE EXIT SIGN / SYMBOL.

**14 DOORS IN SERIES**

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

**15 ACCESSIBLE STOREFRONT ENTRANCE GRAPHIC**

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

**16 DINING AND WORK SURFACES**

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

**18 EXIT SIGN - STANDARD**

Scale: 3" = 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: 10/12/2023  
DESIGN MANAGER: LUCAS ALVAREZ -T.  
PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

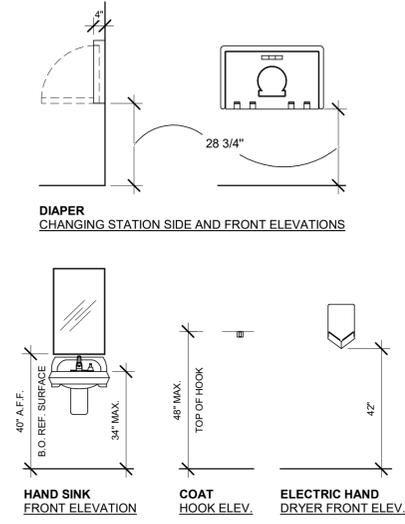
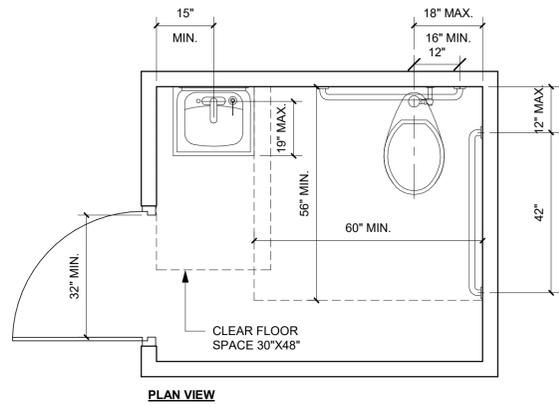
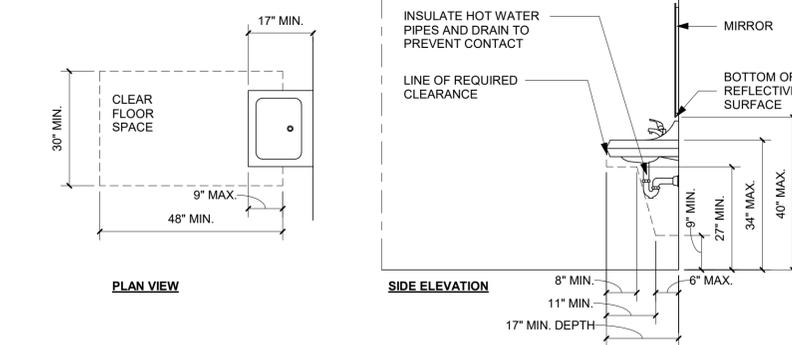
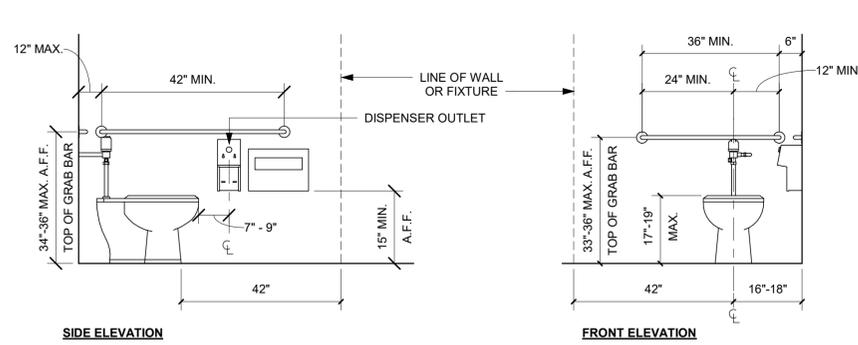
Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**ACCESSIBILITY GUIDELINES**  
SCALE: AS SHOWN

SHEET NUMBER:  
**G004**

**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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 DESIGN MANAGER: LUCAS ALVAREZ -T.  
 PRODUCTION DESIGNER: GENSLER  
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Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

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
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**PERSPECTIVE VIEWS**

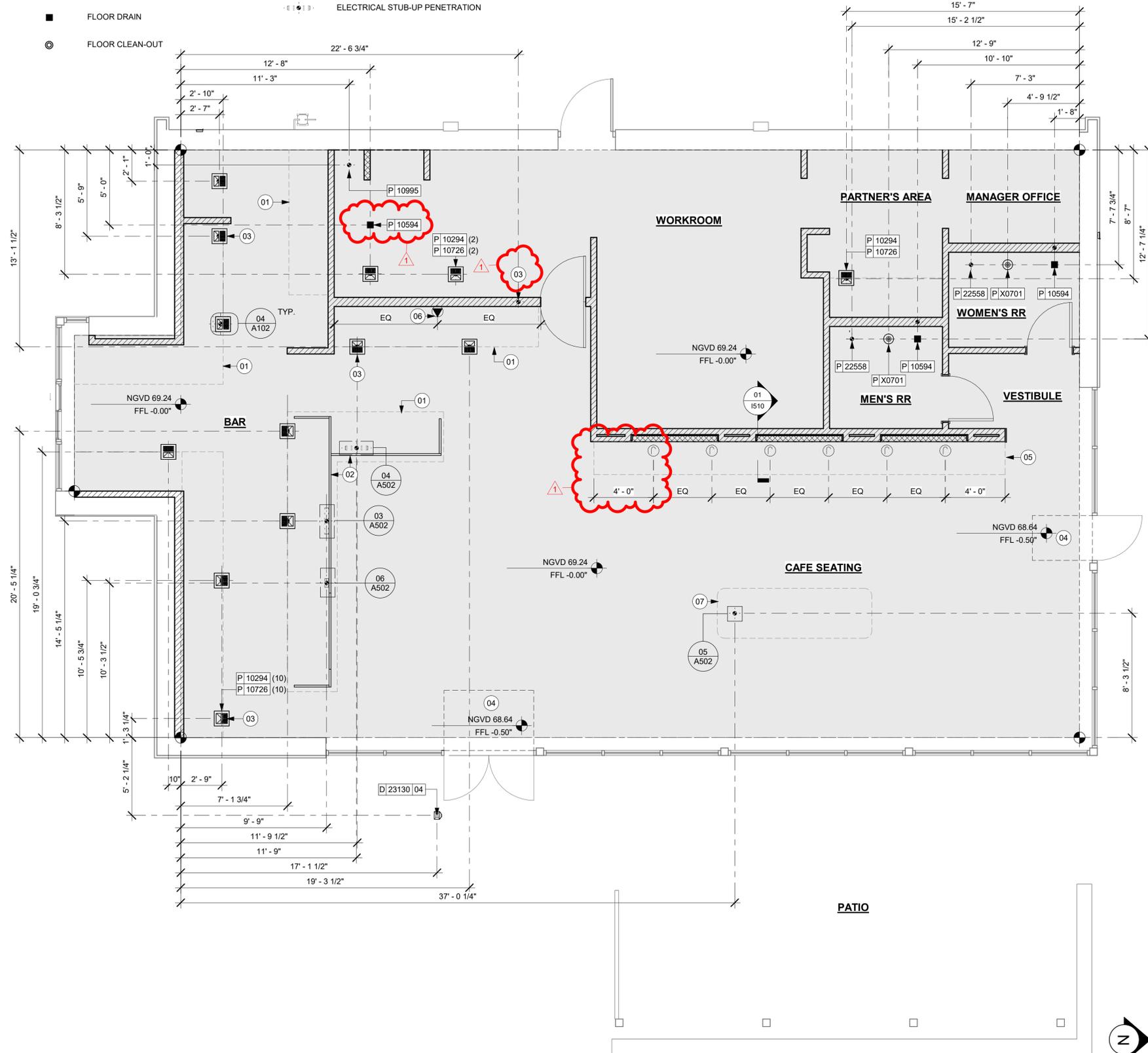
SCALE: AS SHOWN

SHEET NUMBER:  
**G005**



**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
- J BOX



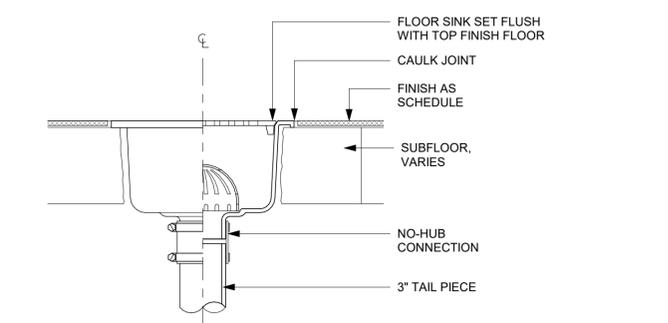
**01 FLOOR PENETRATION PLAN**  
Scale: 1/4" = 1'-0"

**KEYED NOTES**

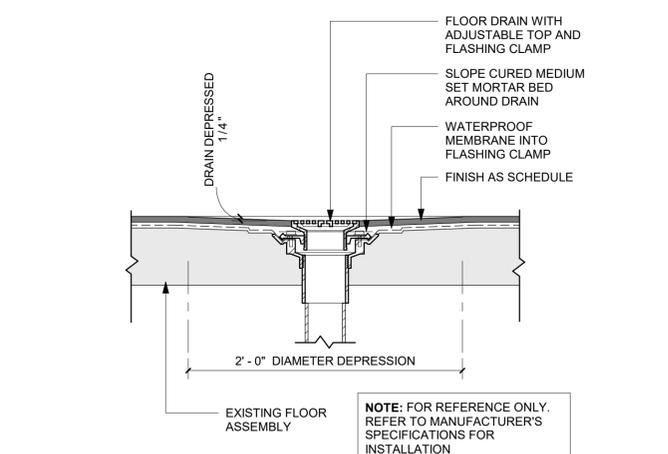
- 01 OUTLINE OF ENGINE FOR REFERENCE.
- 02 PROPOSED LOCATION OF CASEWORK DIEWALL, GC TO COORDINATE WITH CASEWORK VENDOR FOR LOCATION ON SITE.
- 03 HAND SINK LOCATION.
- 04 DEPRESSED SLAB FOR RECESSED WALK-OFF MAT.
- 05 BANQUETTES WITH POWER, FLOOR ELECTRICAL OUTLET CENTER ON EACH SECTION. SEE ELECTRICAL 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**

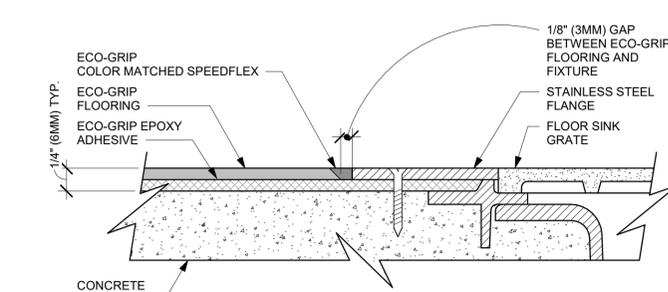
- A. ALL STUB-UP DIMENSIONS ARE RELATIVE TO FINISHED WALL LOCATIONS (SHOWN AS OUTLINES ON THIS PLAN). REFER TO FLOOR PLAN FOR WALL PLACEMENT.
- B. FLOOR SINK: REFER TO CUT SHEETS FOR COMPONENT SPECIFICATIONS AND CUTOUT REQUIREMENTS.
- C. WASTE LINE PENETRATIONS: REFER TO PLUMBING PLANS FOR INDIVIDUAL 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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PRODUCTION DESIGNER: GENSLER  
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Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**BUILDING FLOOR PENETRATION PLAN**  
SCALE: AS SHOWN

SHEET NUMBER:  
**A102**



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Revision Schedule

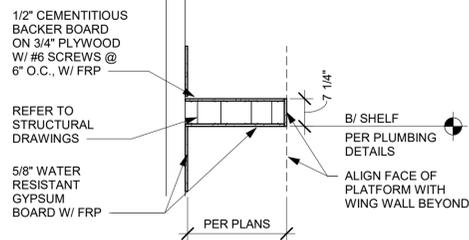
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**WALL FRAMING DETAILS**

SCALE: AS SHOWN

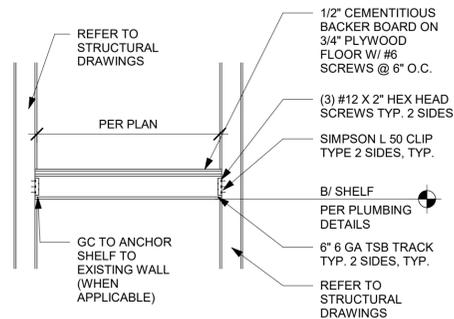
SHEET NUMBER:  
**A501**

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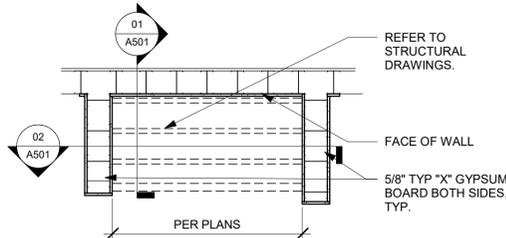
**01 WATER HEATER SHELF - SECTION**

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



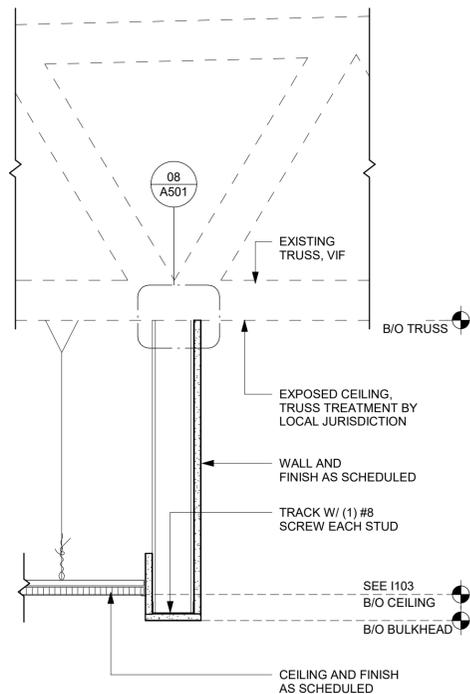
**02 WATER HEATER SHELF**

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



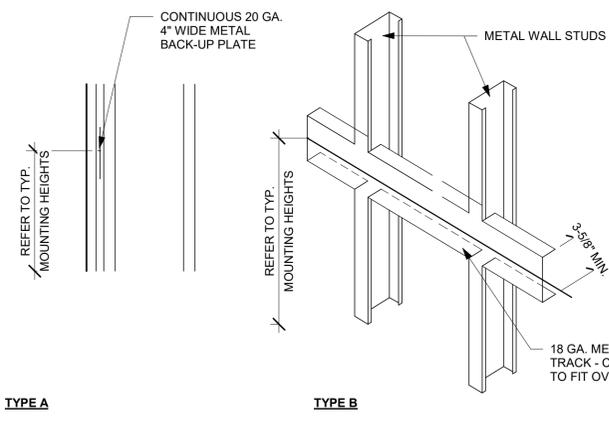
**03 WATER HEATER SHELF - PLAN**

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



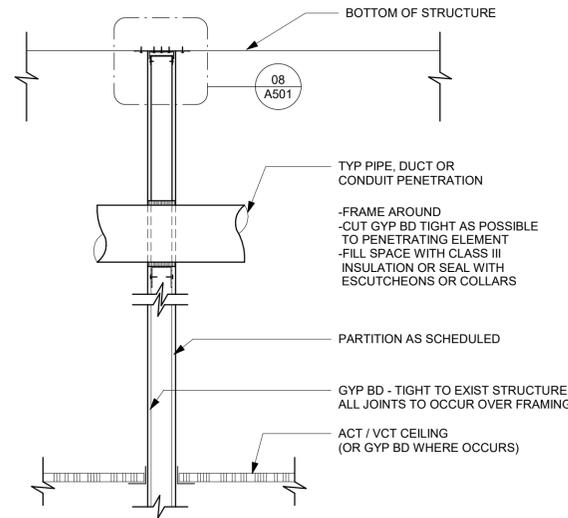
**04 HEADER AT WATER HEATER**

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



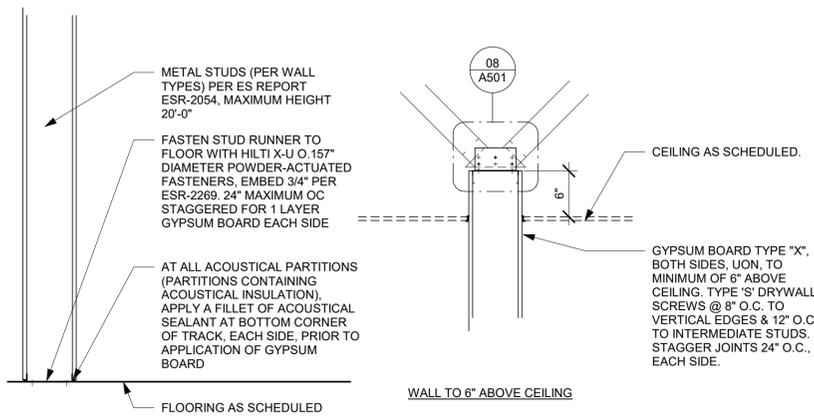
**05 BLOCKING DETAIL**

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



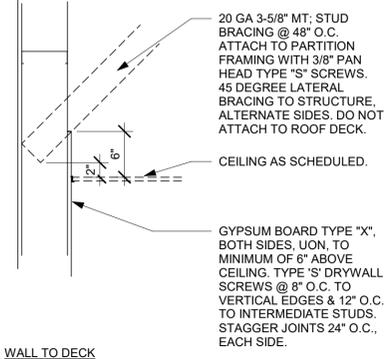
**06 PIPE PENETRATION DETAIL**

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



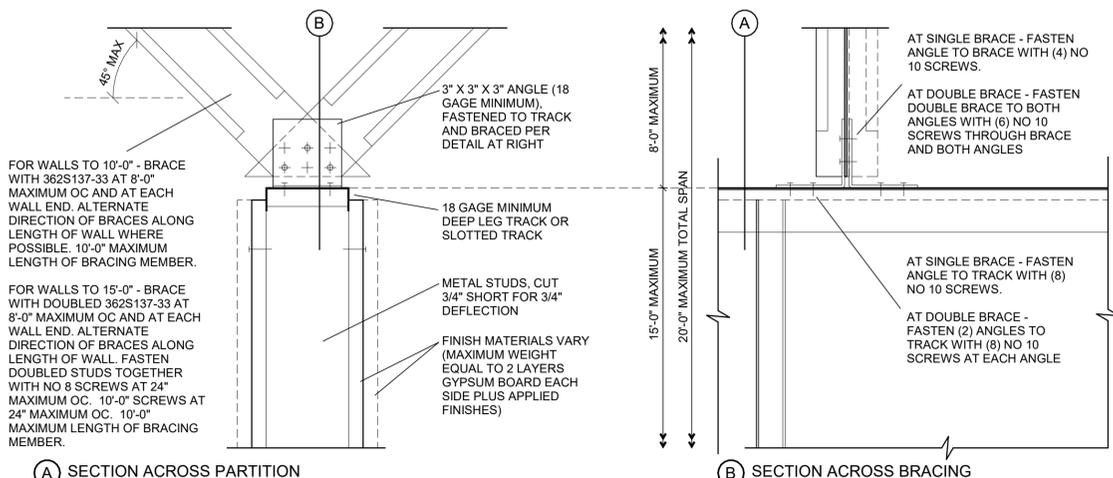
**07 NEW PARTITION WALL SECTION**

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**



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PERMIT SET - FOR CONSTRUCTION USE

PROJECT NAME:  
**ALOMA AVE & TUSKAWILLA RD**

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

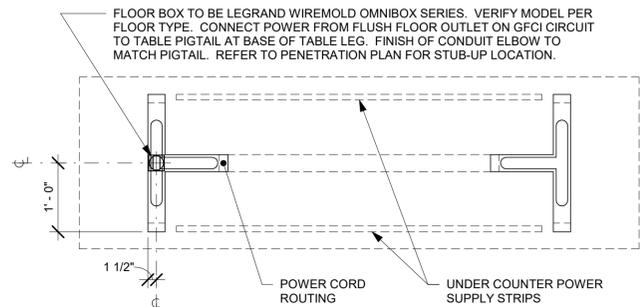
STORE #: 23308  
PROJECT #: 62233-050  
ISSUE DATE: 10/12/2023  
DESIGN MANAGER: LUCAS ALVAREZ -T.  
PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

Revision Schedule				
Rev	Date	By	Description	
1	10/05/23		REV 1: COUNTY CYCLE 1	

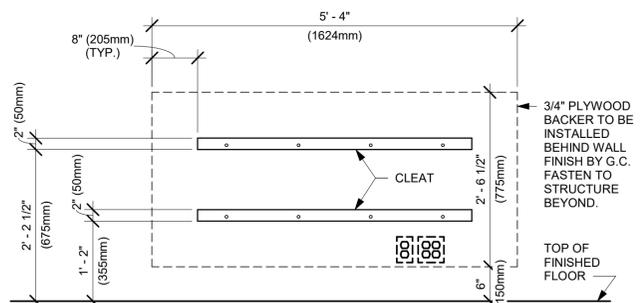
SHEET TITLE:  
**BUILDING DETAILS**

SCALE: AS SHOWN

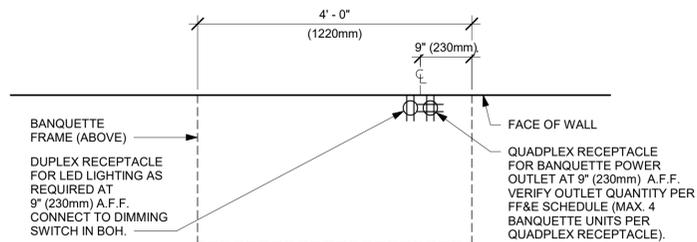
SHEET NUMBER:  
**A502**



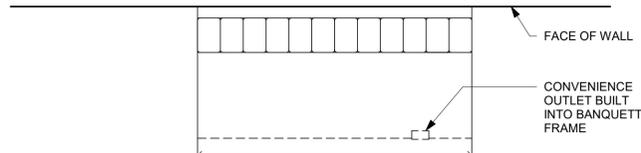
**01 TABLE - ANGLED BASE COMMUNITY**  
Scale: 3/4" = 1'-0"



**ELEVATION VIEW - BACKING**

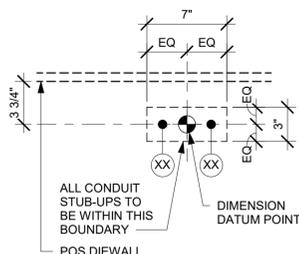


**PLAN VIEW - ELECTRICAL COMPONENTS**



**PLAN VIEW**

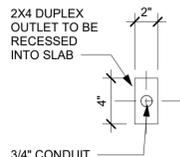
**02 BANQUETTE - CLOSTER**  
Scale: 3/4" = 1'-0"



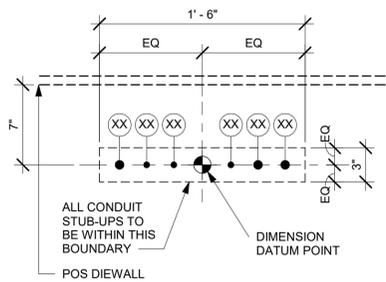
ESPRESSO BAR PLUMBING STUB-UP KEY	
1	CWF STUB-UP
2	CW STUB-UP

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

**05 PLUMBING STUB-UPS AT ESPRESSO BAR**  
Scale: 1 1/2" = 1'-0"



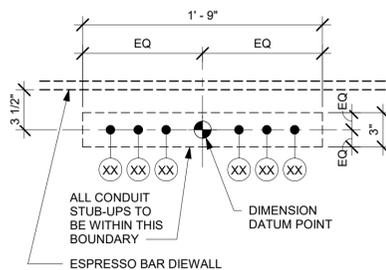
**06 STUB UP AT COMMUNITY TABLE**  
Scale: 1 1/2" = 1'-0"



POS ELECTRICAL STUB-UP KEY	
1	3/4" POWER CONDUIT TO ELECTRICAL PANEL
2	1/2" PHONE TO MANAGER'S DESK
3	1/2" DATA CONDUIT TO MANAGER'S DESK
4	1/2" SECURITY TO MANAGER'S DESK
5	3/4" LAN CONDUIT TO POS/SAFE
6	3/4" POWER CONDUIT FOR PASTRY CASE

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

**04 ELECTRICAL STUB-UPS AT POS**  
Scale: 1 1/2" = 1'-0"



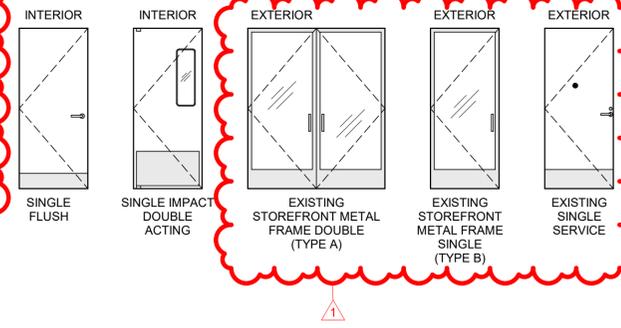
ESPRESSO BAR ELECTRICAL STUB-UP KEY	
1	3/4" LAN CONDUIT
2	3/4" LAN CONDUIT TO MANAGER'S WORKSTATION
3	3/4" ISOLATED GROUND POWER CONDUIT

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

**03 ELECTRICAL STUB-UPS AT ESPRESSO BAR**  
Scale: 1 1/2" = 1'-0"

DOOR SCHEDULE - "D"									
DESIGN ID	MARK	DESCRIPTION	WIDTH	HEIGHT	HARDWARE SET	FURN BY	INST BY	COMMENTS	
EXTERIOR EXISTING									
10449	E1	EXISTING DOOR - STOREFRONT METAL FRAME DOUBLE - TYPE A	6' - 0"	7' - 0"	EXIST (A)	LL	LL	REFER TO A602 FOR EXISTING HARDWARE INFORMATION.	
10205	E2	EXISTING DOOR - STOREFRONT METAL FRAME SINGLE - TYPE B	3' - 0"	7' - 0"	EXIST (A)	LL	LL	REFER TO A602 FOR EXISTING HARDWARE INFORMATION.	
21147	E3	EXISTING DOOR - SINGLE FLUSH - REAR SERVICE - TYPE E	3' - 6"	7' - 0"	EXIST (B)	LL	LL	REFER TO A602 FOR EXISTING HARDWARE INFORMATION.	
INTERIOR NEW									
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	
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	

**DOOR LEGEND**



**GENERAL NOTES**

- STARBUCKS VENDOR TO PROVIDE DOOR HARDWARE COMPONENTS. GC TO INSTALL.
- SEE SHEET A101 FOR TAGGED LOCATION OF EXTERIOR DOORS AND WINDOWS.
- EGRESS SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, CLOSETS OR SIMILAR SPACES. (1014.2)
- PANIC AND FIRE EXIT HARDWARE, WHERE INSTALLED ON DOORS IN THIS BUILDING SHALL SATISFY THE FOLLOWING (FBCB 1010.1.10):
  - THE ACTUATION PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.
  - THE MAXIMUM UNLATCHING FORCE DOES NOT EXCEED 15 POUNDS (6.8 KG).
  - 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.
  - PANIC HARDWARE LISTED IN ACCORDANCE WITH UL 305.
  - FIRE EXIT HARDWARE LISTED IN ACCORDANCE WITH UL 10C AND UL 305.
- SPY SCOPE HARDWARE, WHERE INSTALLED SHALL BE CENTERED IN DOOR AT 43" (1092.2MM) A.F.F. MORE THAN ONE PEEP HOLE CAN BE INSTALLED ON DOOR TO PROVIDE APPROPRIATE ACCESSIBILITY.
- ALL DOORS TO HAVE BOTTOM CLEARANCE OF 1/4" BETWEEN THRESHOLD AND DOOR BOTTON. UNO.
- ALL DOORS AND HARDWARE SHALL COMPLY WITH ALL APPLICABLE EGRESS, FIRE PROTECTION, AND ACCESSIBILITY REQUIREMENTS REGARDLESS IF THERE ARE ERRORS AND/OR OMISSIONS ON THE APPROVED PLANS.



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STARBUCKS TEMPLATE VERSION: i2023.04.24

SARAH M. JOUBERT AIA, REG. NO. AR94307



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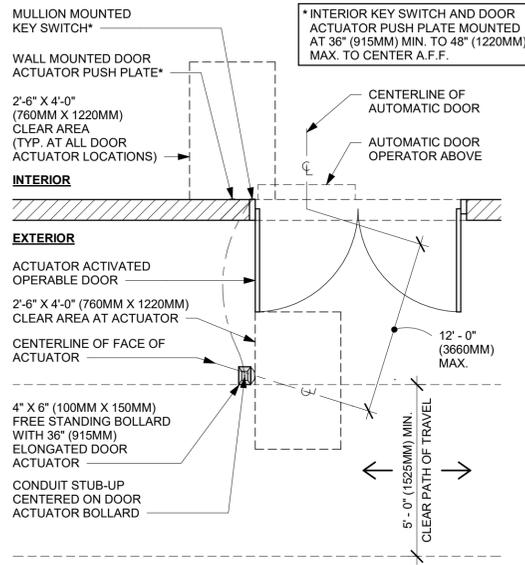
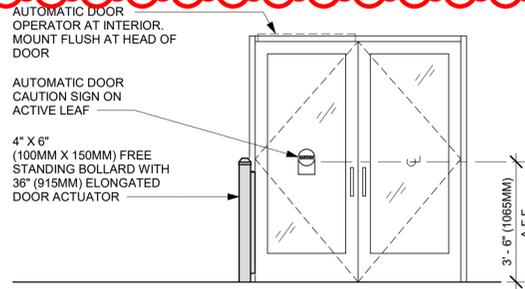
STORE #: 23308  
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Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

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

SHEET NUMBER:  
**A601**

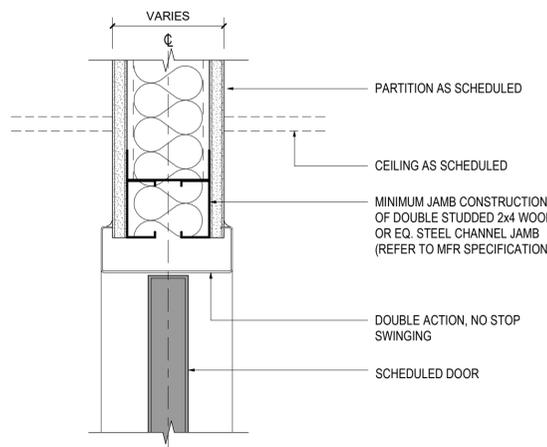
**EXTERIOR ELEVATION**



**PLAN VIEW**

**01 ENTRY/EXIT DOOR ACTUATION - BOLLARD**

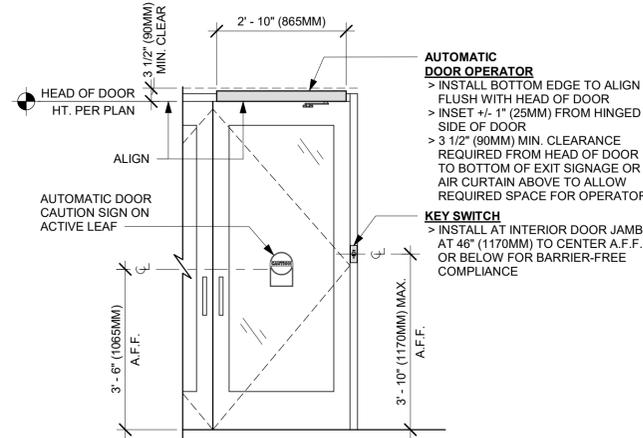
Scale: 3/8" = 1'-0"



**04 DOUBLE ACTION DOOR - FRAME HEAD**

Scale: 3" = 1'-0"

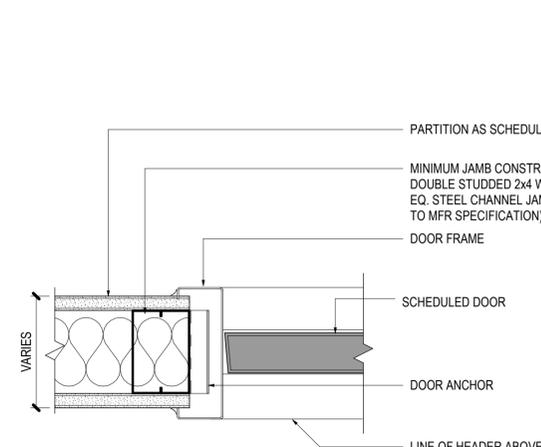
BARRIER FREE EXTERIOR DOOR HARDWARE SCHEDULE - "D"						
DESIGN ID	COUNT	MARK	DESCRIPTION	FURN BY	INST BY	COMMENTS
23130	1	04	DOOR - BARRIER FREE HARDWARE ACTUATOR BOLLARD	SB	GC	GC TO COORD. INSTALL & CABLING WITH SB VENDOR. GC ORDER FROM LOCKNET - SBUXTEAM@LOCKNET.COM.
23129	1	17	DOOR - BARRIER FREE 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.



**INTERIOR ELEVATION**

**02 ENTRY/EXIT DOOR ACTUATION - KEY SWITCH AND OPERATOR**

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

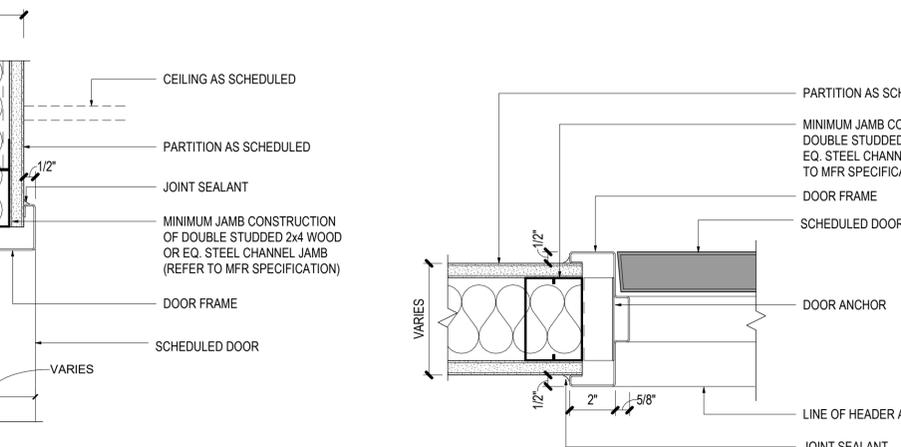


**05 DOUBLE ACTION DOOR - FRAME JAMB**

Scale: 3" = 1'-0"

**03 ENTRY/EXIT DOOR ACTUATION - ELECTRICAL WIRING DIAGRAM**

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



**06 SINGLE FLUSH DOOR - FRAME HEAD**

Scale: 3" = 1'-0"

**07 SINGLE FLUSH DOOR - FRAME JAMB**

Scale: 3" = 1'-0"

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

## EXISTING DOOR HARDWARE REFERENCE

EXISTING DOORS AND HARDWARE ARE COVERED UNDER A SEPARATE PERMIT, **BP23-000010398**, PROVIDED FOR REFERENCE.

### HARDWARE GROUPS

#### HARDWARE GROUP A (STOREFRONT/ENTRY)

- WEATHER STRIPPING: HARD-BACKED POLY PILE IN DOOR AND/OR FRAME.
- THRESHOLD: EXTRUDED ALUMINUM WITH RIBBED SURFACE.
- SILL SWEEPS: BRUSH STRIP, CONCEALED.
- PIVOTING/HINGING: OFFSET PIVOT: TOP AND INTERMEDIATE
- CLOSERS: DORMA BTS 80 NHO; CONCEALED FLOOR CLOSER, SINGLE ACTING, OFFSET PIVOT.
- LATCHES/STRIKE: ADAMS-RITE MS1830 WITH PROVISIONS FOR KEYED CYLINDERS ON INTERIOR FACE ONLY; MOUNT TO BOTTOM RAIL.
- KEYING: ALL LOCKSET AND DEADBOLTS SHALL BE KEYED AS DIRECTED BY OWNER
- PUSH/PULLS: ARCADIA RADIUS PUSH-PULL SET: STRAIGHT PULL OPTION: CLEAR FINISH
- CYLINDER GUARD
- TRANSOM DECAL: ("THIS DOOR TO REMAIN UNLOCKED DURING BUSSINES HOURS")

#### NOTES:

- GC TO PROVIDE ALL HARDWARE NOT PROVIDED BY STOREFRONT VENDOR
- ALL LOCKSET AND DEADBOLTS SHALL BE KEYED AS DIRECTED BY OWNER
- FINISHES: GENERAL: US26D, SATIN CHROME PLATED, EXCEPT: PUSH PLATES, DOOR PULLS, KICKPLATES: US32D, SATIN STAINLESS STEEL  
DOOR CLOSERS: 689/SPRAYED ALUMINUM

#### HARDWARE GROUP B (SERVICE DOOR)

- THRESHOLD: NATIONAL GUARD - 325 HALF SADDLE THRESHOLD
- SECURING DEVICE: FALCON LOCK - C607 7-PIN CORE COMBINATION "A" KEYWAY
- SECURING DEVICE: SUR-LOCK - I/O 2000L-031C AUTO LOCKING DOOR ALARM, IC; NO CTR INCLUDES - MORTISE CYLINDER
- CLOSER: DORMA 8916 DOOR CLOSER 8916 AF89P
- KICKPLATE: ROCKWOOD 10" KICKPLATE
- PEEP HOLE: DS-6 DOOR SPY
- DOOR BELL: NUTONE - MCV309NWHGL DOOR BELL
- DOOR STOP: ROCKWOOD 473 DOOR STOP WITH HOOK
- MISCELLANEOUS: NATIONAL GUARD - 16A RAIN DRIP
- MISCELLANEOUS: NATIONAL GUARD - 137NA WEATHER STRIP

#### NOTES:

- LOCAL BARRIER FREE CODE MAY REQUIRE LARGER KICK PLATES VERIFY BEFORE ORDERING
- REAR EXTERIOR DOORS SHALL HAVE EXTERIOR KEYED ACCESS.
- FINISHES: GENERAL: US26D, SATIN CHROME PLATED, EXCEPT: PUSH PLATES, DOOR PULLS, KICKPLATES: US32D, SATIN STAINLESS STEEL  
DOOR CLOSERS: 689/SPRAYED ALUMINUM



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STARBUCKS TEMPLATE VERSION: I2023.04.24

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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
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**HARDWARE SCHEDULES**

SCALE: AS SHOWN

SHEET NUMBER:

**A602**



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Revision Schedule

Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**FF & E PLAN**

SCALE: AS SHOWN

SHEET NUMBER:  
**1101**

**KEYED NOTES**

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

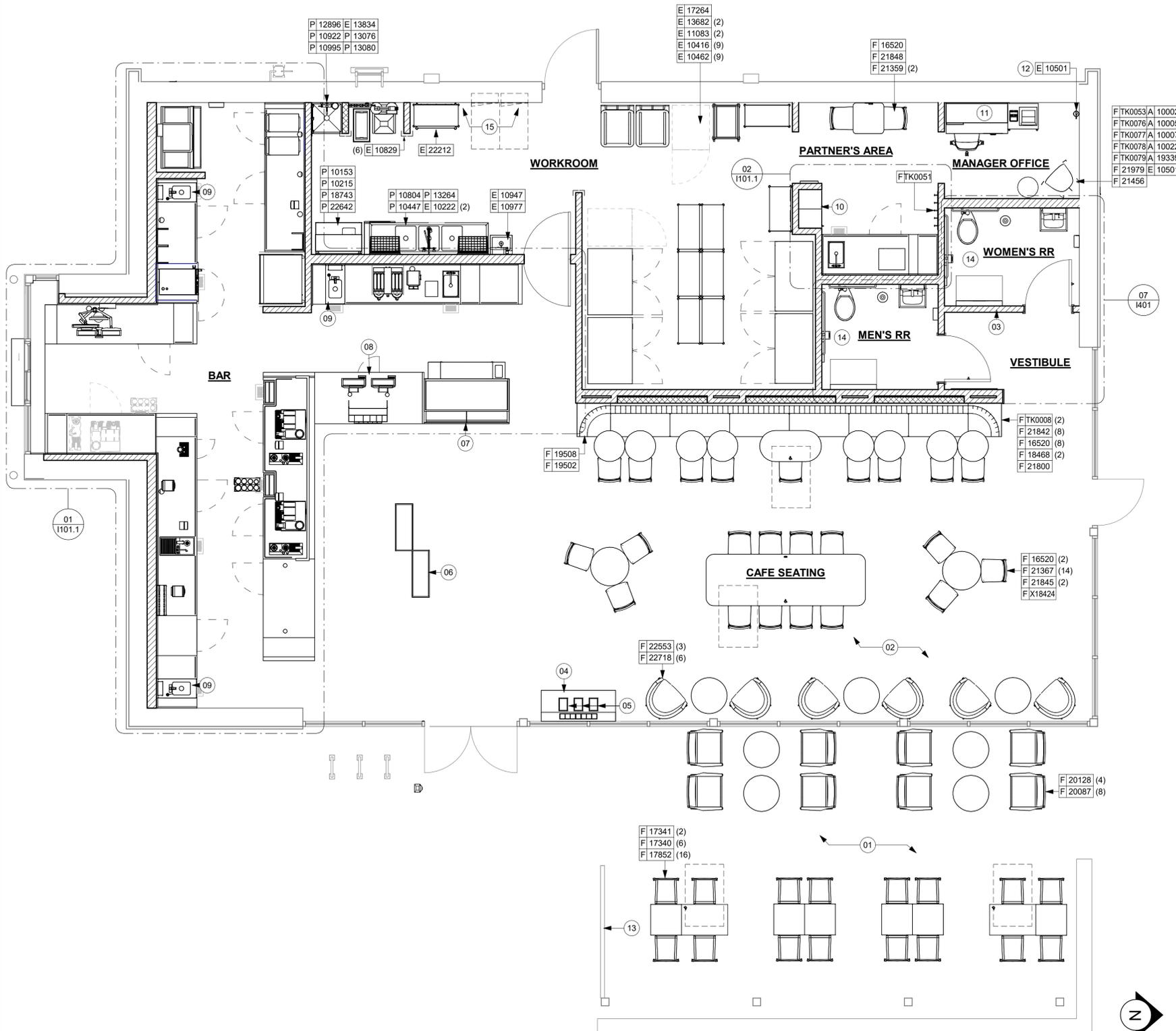
NOTE: REFER SHEET I601 & I602 FOR DATA DEVICE, FURNITURE, GRAPHICS, PLUMBING FIXTURE, SPECIALTY EQUIPMENT, AND MECHANICAL EQUIPMENT SCHEDULE.

**GENERAL NOTES**

- 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.

**FURNITURE SCHEDULE - "F"**

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
<b>BANQUETTE</b>					
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
<b>CHAIR</b>					
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
<b>DESK</b>					
TK0053	1	DESK - MANAGERS WORKSTATION SHELVES - 48IN 1220MM	SB	GC	
TK0076	1	DESK - MANAGERS WORKSTATION - 48X24X27IN 1220X610X685MM	SB	GC	
<b>MIRROR</b>					
14350	2	MIRROR - RESTROOM ANGLED - 18X36IN 455X915MM	SB	GC	
TK0050	1	MIRROR - BOH	SB	GC	
<b>OTHER</b>					
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
<b>SIGNAGE - OTHER</b>					
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC	
23376	1	SIGN - PICK UP SINGLE SIDED ILLUM INTERIOR SUSPENDED FIXED	SB	GC	
<b>STORAGE</b>					
TK0078	1	FILE MOBILE PEDESTAL WITH CUSHION AND LOCK	SB	GC	
TK0079	1	MANAGERS DESK CART - 24X20IN 610X510MM	SB	GC	
<b>TABLE</b>					
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"



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STARBUCKS TEMPLATE VERSION: i2023.04.24

SARAH M. JOUBERT AIA, REG. NO. AR94307

**Gensler**

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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: 10/12/2023  
DESIGN MANAGER: LUCAS ALVAREZ -T.  
PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**ENLARGED FF & E**

SCALE: AS SHOWN

SHEET NUMBER:

1101.1

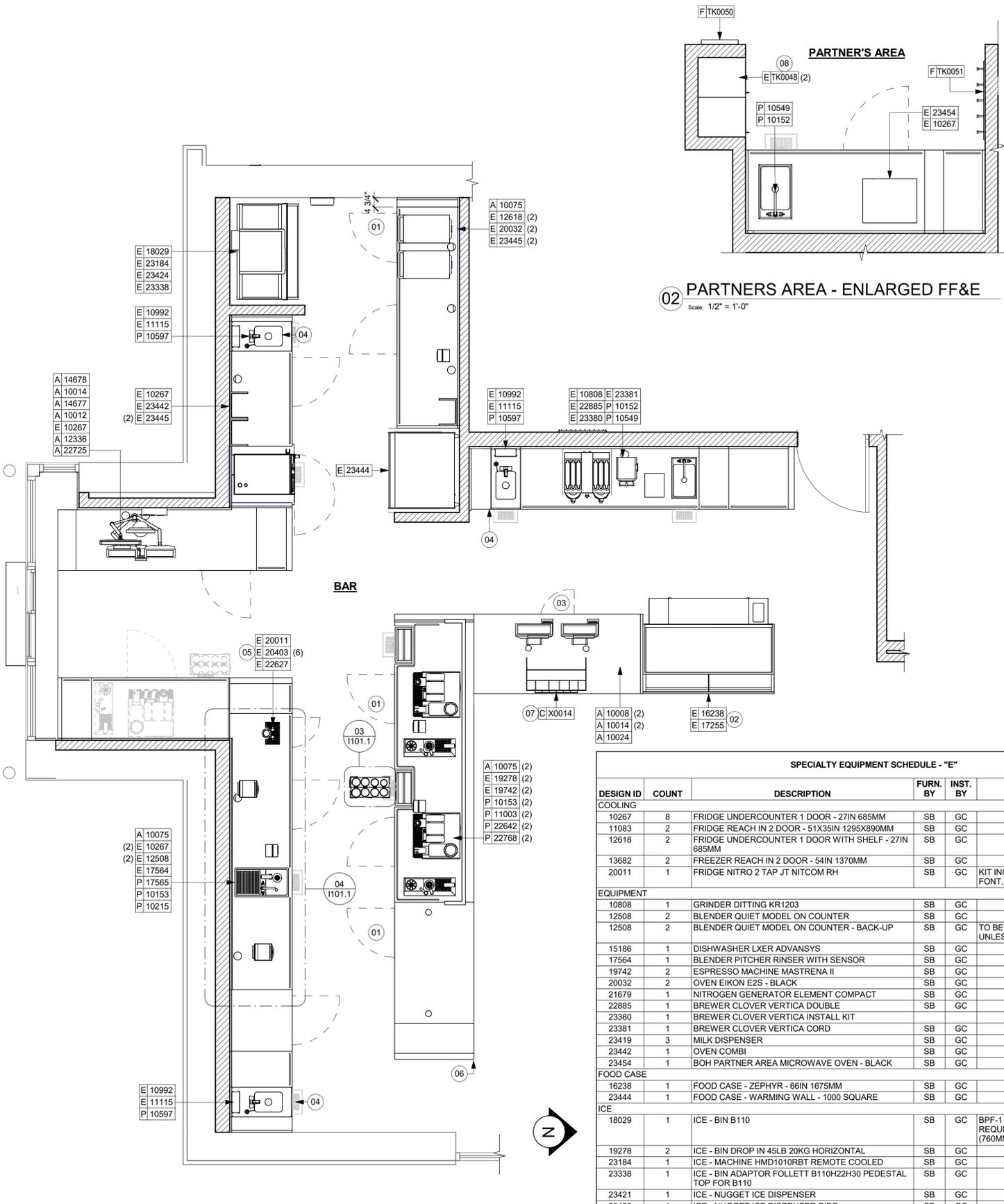
**GENERAL NOTES**

- 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.



**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"

SPECIALTY EQUIPMENT SCHEDULE - "E"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
<b>COOLING</b>					
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
<b>EQUIPMENT</b>					
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	
23380	1	BREWER CLOVER VERTICA INSTALL KIT	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	
<b>FOOD CASE</b>					
16238	1	FOOD CASE - ZEPHYR - 66IN 1675MM	SB	GC	
23444	1	FOOD CASE - WARMING WALL - 1000 SQUARE	SB	GC	
<b>ICE</b>					
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	
<b>OTHER</b>					
10091	1	CUP DISPENSER TALL HOT VERTICAL	SB	GC	

SPECIALTY EQUIPMENT SCHEDULE - "E"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
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	5	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	
<b>STORAGE</b>					
10222	2	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	
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	





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STARBUCKS TEMPLATE VERSION: i2023.04.24

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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: 10/12/2023  
 DESIGN MANAGER: LUCAS ALVAREZ -T.  
 PRODUCTION DESIGNER: GENSLER  
 CHECKED BY: GENSLER

Revision Schedule				
Rev	Date	By	Description	
1	10/05/23		REV 1: COUNTY CYCLE 1	

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.

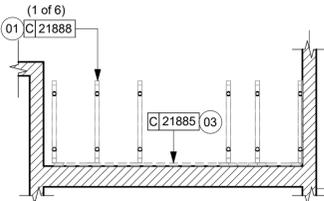
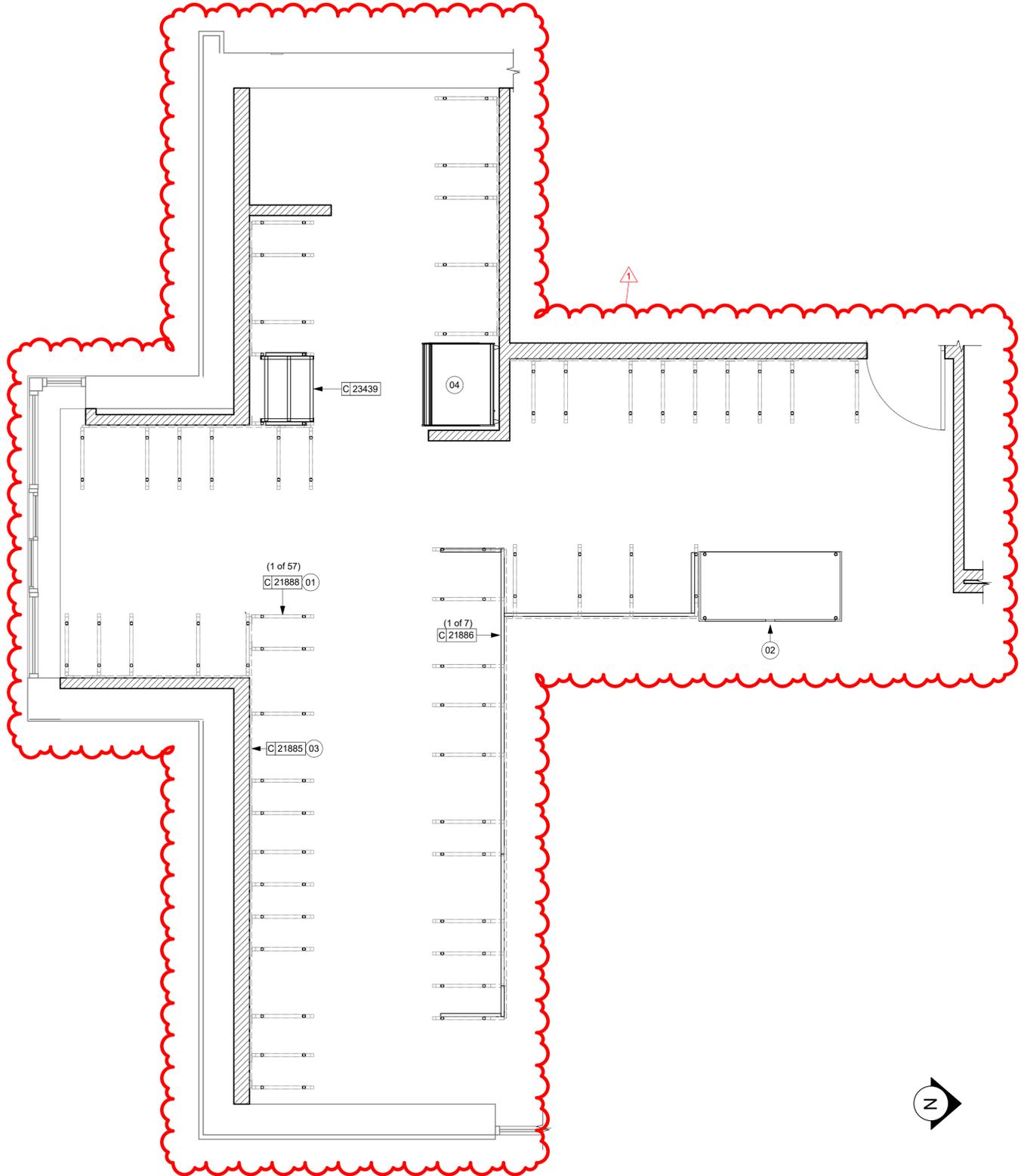
**GENERAL NOTES**

- 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	55	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
<b>CABINET</b>					
19281	2	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC	
21890	43	CABINET - SIDE PANEL	SB	GC	
21891	19	CABINET - BOTTOM SHELF - 15IN 380MM	SB	GC	
21892	15	CABINET - BACK PANEL - 15IN 380MM	SB	GC	
21893	12	CABINET - ADJUSTABLE SHELF - 15IN 380MM	SB	GC	
21894	16	CABINET - DOOR - 15IN 380MM	SB	GC	FINISH: M. BLACK MOTTLED (DID: CP0024).

CASEWORK SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
21895	8	CABINET - DOOR TRASH - 15IN 380MM	SB	GC	FINISH: M. BLACK MOTTLED (DID: CP0024).
21896	2	CABINET - DRAWER - 15IN 380MM	SB	GC	FINISH: M. BLACK MOTTLED (DID: CP0024).
21898	2	CABINET - BOTTOM SHELF - 18IN 455MM	SB	GC	
21899	2	CABINET - BACK PANEL - 18IN 455MM	SB	GC	
21900	1	CABINET - ADJUSTABLE SHELF - 18IN 455MM	SB	GC	
21901	2	CABINET - DOOR - 18IN 455MM	SB	GC	FINISH: M. BLACK MOTTLED (DID: CP0024).
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	FINISH: M. BLACK MOTTLED (DID: CP0024).
21906	3	CABINET - END CAP FRONTBAR	SB	GC	
21907	5	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	FINISH: MOTTLED BLACK (DID: PL0019).
21910	1	CABINET - FRENCH CLEAT - VARIABLE LENGTH	SB	GC	LENGTH REQUIRED 30IN (V.I.F.)
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	FINISH: M. BLACK MOTTLED (DID: CP0024).
23395	1	CABINET - CBE MILK DISPENSE DOOR - 11IN 280MM	SB	GC	FINISH: M. BLACK MOTTLED (DID: CP0024).
23425	2	CABINET - WRM DOOR LOWERED COUNTER - 15IN 380MM	SB	GC	

**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.



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STARBUCKS TEMPLATE VERSION: I2023.04.24

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PERMIT SET - FOR CONSTRUCTION USE

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PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

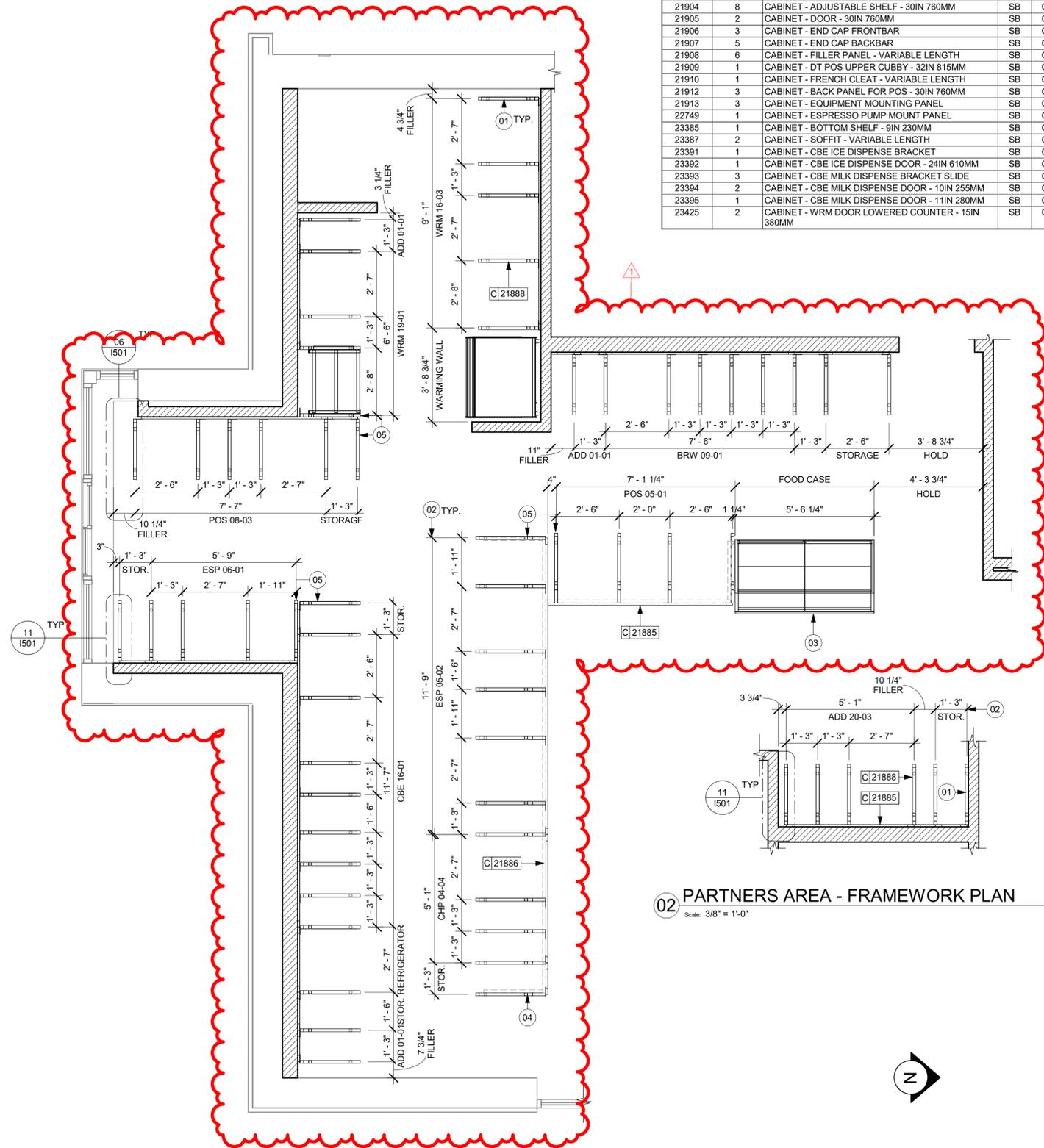
Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**ADAPTABLE CASEWORK FRAMEWORK PLAN**

SCALE: AS SHOWN

SHEET NUMBER:

1102.2



**01 ADAPTABLE CASEWORK FRAMEWORK PLAN**

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

**02 PARTNERS AREA - FRAMEWORK PLAN**

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

CASEWORK SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
<b>CAFE</b>					
20132	1	CONDIMENT WASTE AND RECYCLING CART THREE DROP - WHITE OAK AND BLACK WD0073 CP0005	SB	GC	NOT PROVIDED BY CASEWORK VENDOR.
20384	1	FREESTANDING STAIRSTEP 2 UNIT SHORT - LH - 72IN 1830MM - WHITE OAK WD0073	SB	GC	NOT PROVIDED BY CASEWORK VENDOR.
<b>COUNTERTOP</b>					
21918	1	COUNTERTOP - FILLER FRONTBAR - VARIABLE LENGTH	SB	GC	
21919	13	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	
21920	1	COUNTERTOP - FRONTBAR - 15IN 380MM	SB	GC	
21923	3	COUNTERTOP - END CAP FRONTBAR	SB	GC	
21925	5	COUNTERTOP - BACKBAR - 15IN 380MM	SB	GC	
21926	1	COUNTERTOP - BACKBAR - 18IN 455MM	SB	GC	
21927	1	COUNTERTOP - BACKBAR - 30IN 760MM	SB	GC	
21928	4	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	
22394	4	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	
22395	3	COUNTERTOP - HAND SINK LOW 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	
23427	1	COUNTERTOP - WRM LF - 78IN 1980MM	SB	GC	
X0001	1	COUNTERTOP - ESPRESSO BACKBAR - LF - 69IN 1755MM	SB	GC	
X0003	1	COUNTERTOP - DT LEDGE	SB	GC	FINISH: COMPOSITE BRUSHED WARM GREY (DID CP0091)
X0004	4	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	
X0005	2	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	
<b>DIEWALL</b>					
21885	23	DIEWALL - FRAMING - VARIABLE LENGTH	SB	GC	
21886	7	DIEWALL - BASE - VARIABLE LENGTH	SB	GC	
21887	4	DIEWALL - SUBSTRATE PANEL - VARIABLE LENGTH	SB	GC	
21888	55	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	
<b>OTHER</b>					
11155	2	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 25X255MM	SB	GC	
21914	10	FRIDGE STOP BRACKET SET	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.
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
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	6	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	1	IMPULSE FIXTURE - FLAT BLACK POWDERCOATED MT0028	SB	GC	REFER TO DETAIL I503. TO BE PROVIDED BY CASEWORK VENDOR.
<b>PANEL</b>					
21933	5	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	

ADAPTABLE CASEWORK FRAMEWORK SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
<b>DIEWALL</b>					
21885	23	DIEWALL - FRAMING - VARIABLE LENGTH	SB	GC	
21888	55	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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STARBUCKS TEMPLATE VERSION: i2023.04.24

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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: 10/12/2023  
DESIGN MANAGER: LUCAS ALVAREZ -T.  
PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

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

SHEET NUMBER:  
**1102.3**

**KEYED NOTES**

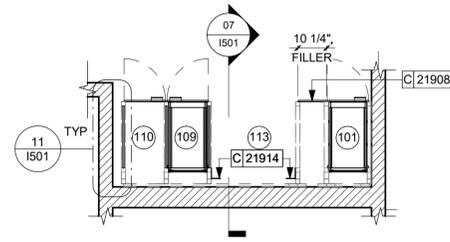
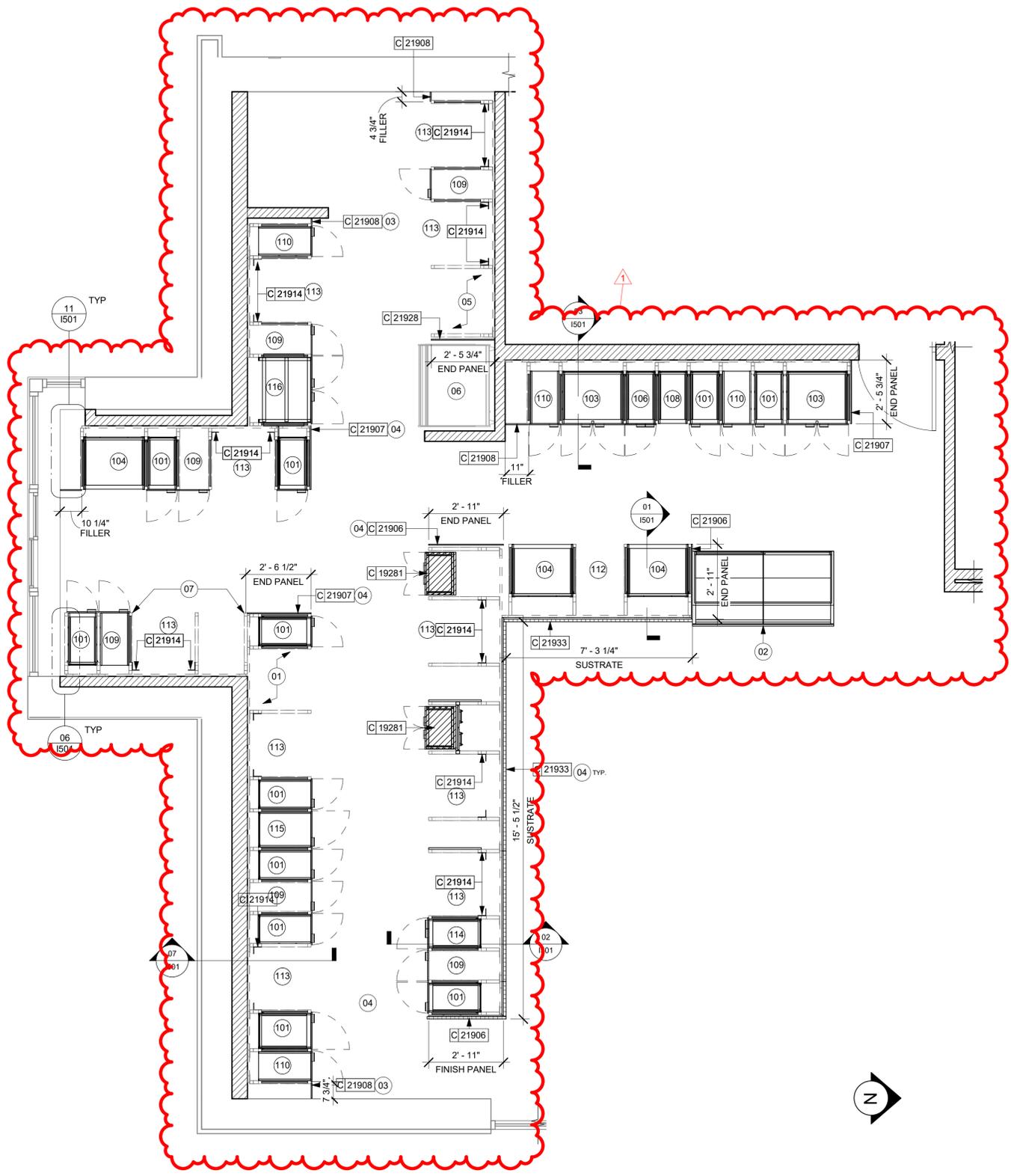
- 01 NITRO EQUIPMENT LOCATION.
- 02 FOOD CASE.
- 03 FILLER FINISH PANEL TO BE SHIPPED LONGER THAN DIMENSIONED AND CUT TO FIT IN FIELD.
- 04 CASEWORK SUPPLIER TO PROVIDE ADDITIONAL BACKER SUBSTRATE TO ALIGN END CAP PANEL TO ADJACENT DOOR FACES.
- 05 I/C PASTRY TRAY RACK LOCATION
- 06 FOOD WARMING WALL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

**GENERAL NOTES**

- A. SEE SHEET 1102 FOR COMPLETE CASEWORK SCHEDULE.
- B. ALL DIMENSIONS ARE TO CENTER OF FRAME ASSEMBLY.
- C. **CABINET PANELS:**
  - > ALL CABINET SHELVING TO BE SECURED TO METAL COMPONENTS WITH #8 ROUND HEAD SCREWS.
  - > ALL METAL COMPONENTS SHALL BE SECURED TO FRAME ASSEMBLY AT KEY HOLE LOCATIONS.
  - > BOTTOM FLASHING SECURED TO HDPE WITH SILICONE.
- D. **SUBSTRATE PANELS:**
  - > SUBSTRATE PANELS SHALL BE MOISTURE RESISTANT (MR) PLYWOOD, MDF OR HDF.
  - > CASEWORK VENDOR SHALL PROVIDE ALL SUB PANELS TO BE CUT TO SIZE PRIOR TO SHIPPING.
  - > CASEWORK VENDOR SHALL APPLY Z-CLIPS TO FINISH PANELS PRIOR TO SHIPPING.
  - > FRONTLINE PANELS TO BE SECURED TO SUBSTRATE VIA Z-CLIP APPLICATION.
  - > PANEL INSTALLATION TO START AT OUTSIDE CORNER LOCATIONS.
  - > END PANELS TO BE SCRIBED ON SITE.
  - > ALL PANEL CUT-OUTS SHALL BE FINISHED ALL AROUND.
  - > Z-CLIPS TO BE INSTALLED 1" AWAY FROM PANEL EDGE.

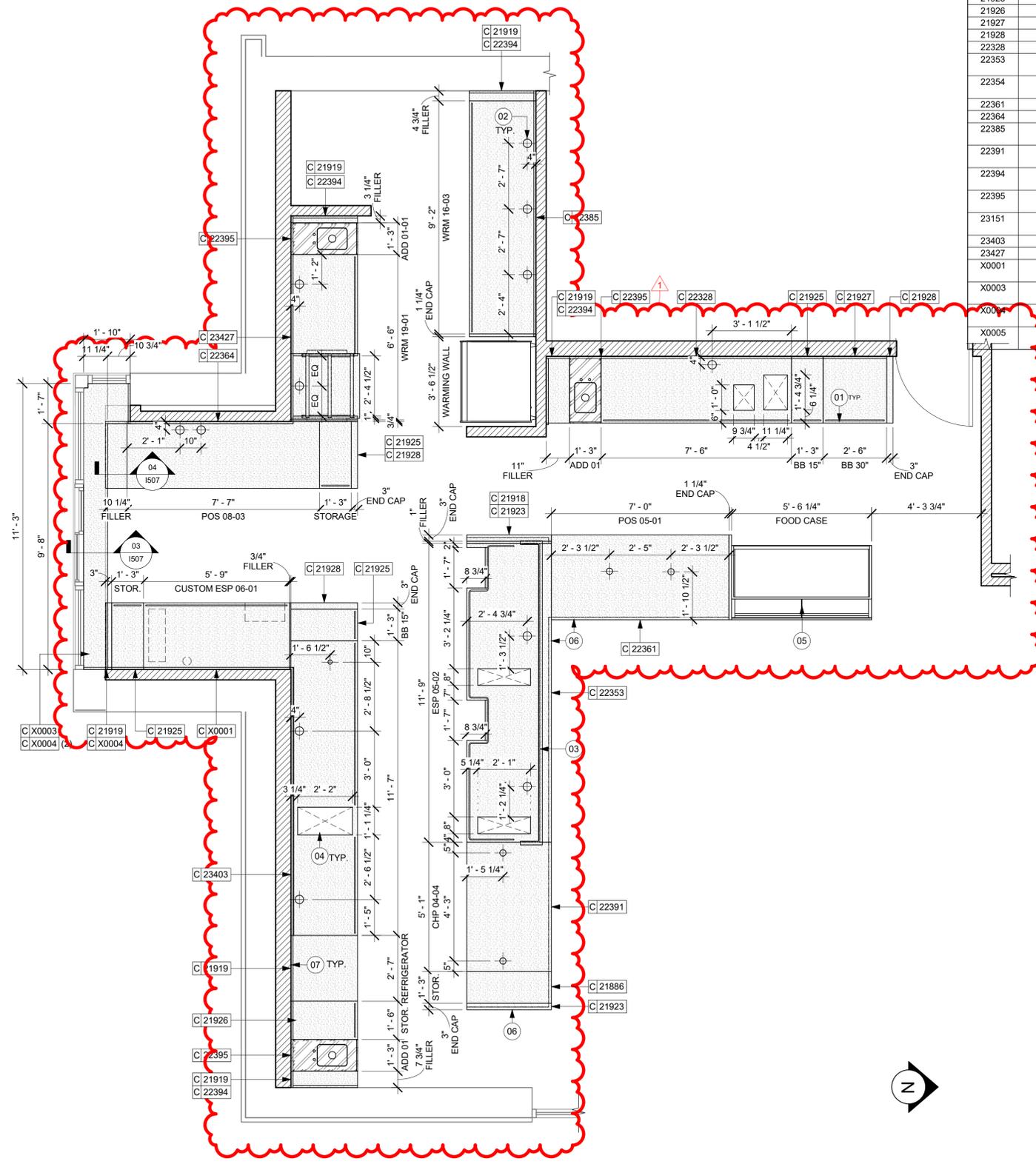
ADAPTABLE CASEWORK CABINET TYPES AND BILL OF MATERIALS SCHEDULE Copy 1										
KEY NUMBER	CABINET TYPE	FULL HT. DOORS	3/4 DOOR	3/4 DOOR W/ VENT	DRAWER	BOTTOM SHELF	ADJUST. SHELF	BACK PANEL	SIDE PANELS	BOX BASE <sup>AA</sup>
101	15" STORAGE	1 DID 21894	N/A	N/A	N/A	1 DID 21891	1 DID 21893	1 DID 21892	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 22282	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	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^ DID 21891	0	0	2** DID 21890	NO
111	15" ICE BIN	1/0* DID 21901	N/A	N/A	N/A	1^ DID 21898	0	0	0 (1,2)** DID 21890	NO
112	24" SAFE	N/A	N/A	N/A	N/A	N/A	0	0	0 (1,2)** DID 21890	NO
113	30" REFRIGERATOR	N/A	N/A	N/A	N/A	N/A	0	0	0 (1,2)** DID 21890	NO
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* DID 21894	N/A	N/A	N/A	1 DID 21902	0	0	2** DID 21890	NO
116	30" COMBI OVEN LOWERED COUNTER STRUCTURE	N/A	2 DID 23425	N/A	N/A	N/A	0	0	2** DID 21890	NO

\* DOOR NOT REQUIRED WHERE CUSTOMER VIEW IS LIMITED OR NEGLIGIBLE (i.e. FRONTLINE OR BEHIND WALLS)  
\*\* SIDE PANEL QUANTITY SHOWN IS FOR STAND-ALONE CABINETS; ACUTAL SIDE PANEL QUANTITY IS DEPENDENT ON ADJACENT CABINET TYPE AS SIDE PANELS CAN BE SHARED.  
^ BOTTOM SHELF AND BOX BASE (IF APPLICABLE), SHOULD BE REMOVED AT SINK/ICE BIN CABINETS WITH FLOOR SINK LOCATED...  
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"



ADAPTABLE CASEWORK COUNTERTOP SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
21918	1	COUNTERTOP - FILLER FRONTBAR - VARIABLE LENGTH	SB	GC	
21919	13	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	
21920	1	COUNTERTOP - FRONTBAR - 15IN 380MM	SB	GC	
21923	3	COUNTERTOP - END CAP FRONTBAR	SB	GC	
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X0004	4	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	
X0005	1	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	

- ### GENERAL NOTES
- SEE SHEET I102 FOR COMPLETE CASEWORK SCHEDULE.
  - G.C.'S INSTALLER SHALL VERIFY COUNTER CHANNEL REQUIREMENTS PRIOR TO CUTTING IN FIELD.
  - G.C./INSTALLER TO VERIFY COUNTERTOP SUPPORT CHANNEL MEASUREMENTS PRIOR TO CUTTING. FIELD CUT AT SINKS AND ICE BINS.
  - "C" CHANNEL MOUNTS OVER FRONT AND REAR INDEX BRACKETS WHICH ARE INSERTED INTO FRAMEWORK.
  - SILICONE SEAM AT TRANSITION FROM COUNTERTOP TO HAND SINKS.
  - SILICONE AND SEAL ALL SEAMS BETWEEN SINKS, EQUIPMENT AND COUNTERTOPS.
  - ONCE COUNTERTOP IS SET, LEVELED AND SEALED, SECURE CHANNEL TO UNDERSIDE OF SUBSTRATE.

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

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



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STARBUCKS TEMPLATE VERSION: I2023.04.24

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SUITE C400  
TAMPA, FL 33602 USA  
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PERMIT SET - FOR CONSTRUCTION USE

PROJECT NAME:  
**ALOMA AVE & TUSKAWILLA RD**

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

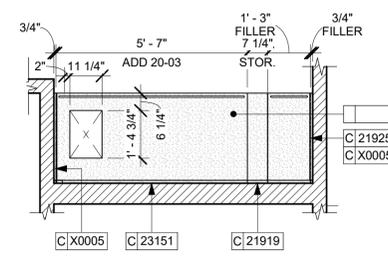
STORE #: 23308  
PROJECT #: 62233-050  
ISSUE DATE: 10/12/2023  
DESIGN MANAGER: LUCAS ALVAREZ -T.  
PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

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

SHEET NUMBER:  
**1102.4**

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



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

**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.

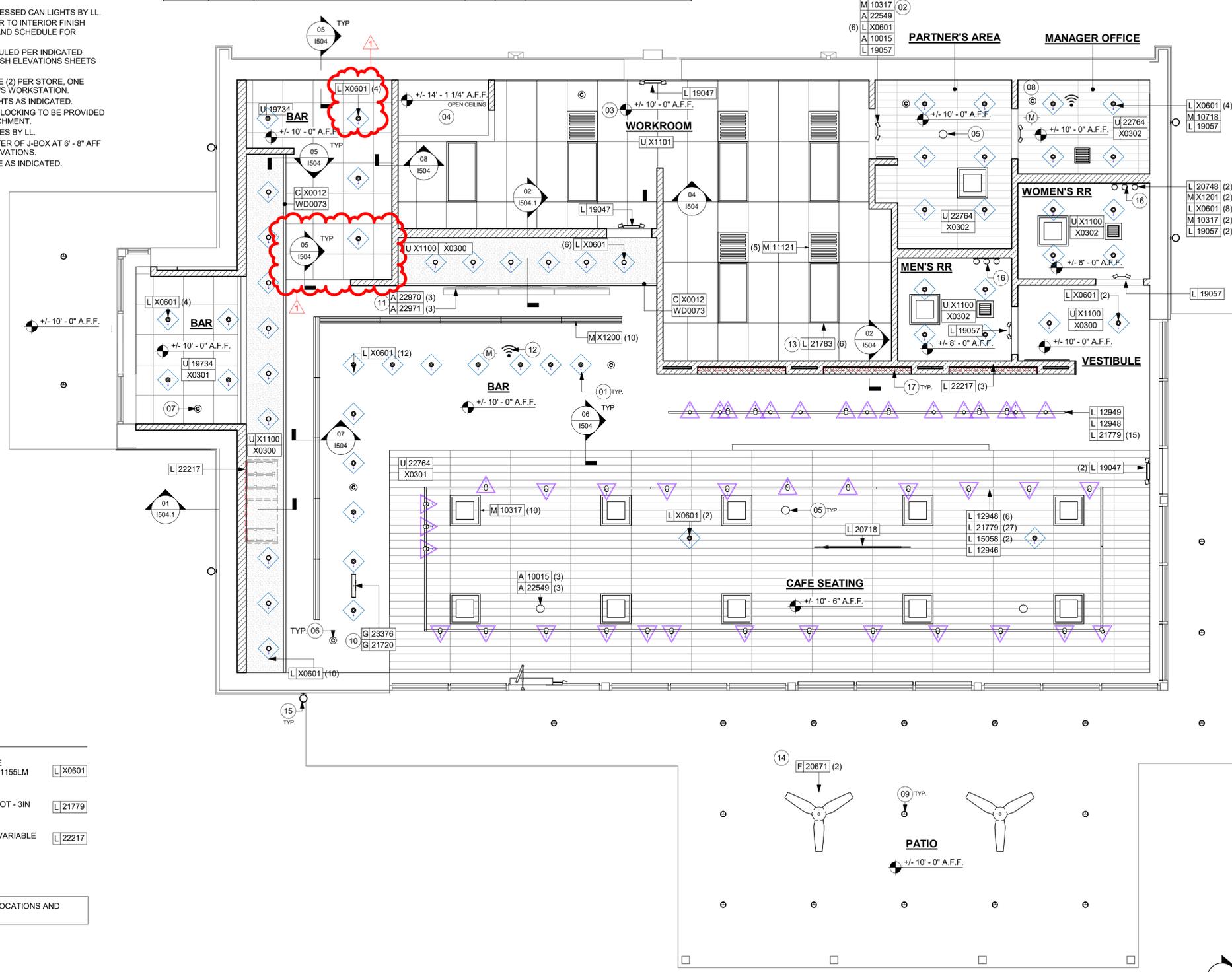
- ELEVATION DATUM
- TRACK LIGHTING
- STRIP LIGHTING
- PENDANT LIGHT
- RECESSED CAN LIGHT
- TROFFER
- EXIT SECURITY LIGHT
- EXIT SIGN/ EMERGENCY LIGHTING COMBO
- MUSIC SYSTEM WALL MOUNTED SPEAKER
- 360° SECURITY CAMERA
- SUPPLY AIR
- RETURN AIR
- EXHAUST FAN
- PIR MOTION SENSOR
- WALL MOUNTED SPEAKER
- 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	174 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	891 SF	ACT - CIRRUS BEVELED SUPRAFINE PAINTED - 2X4FT 61X122CM	SB	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	367 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"



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

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STARBUCKS TEMPLATE VERSION: I2023.04.24

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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: 10/12/2023  
DESIGN MANAGER: LUCAS ALVAREZ -T.  
PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

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.
- 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.

**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						
19047	4	LED EXIT SIGN WITH EMERGENCY LIGHT - BLACK AND GREEN	SB	GC	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	57	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 1155LM FLOOD	SB	GC	INTEGRATED LED	WITH DIMMER.
SCONCE						
20748	2	SCONCE - KUJCO 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						

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

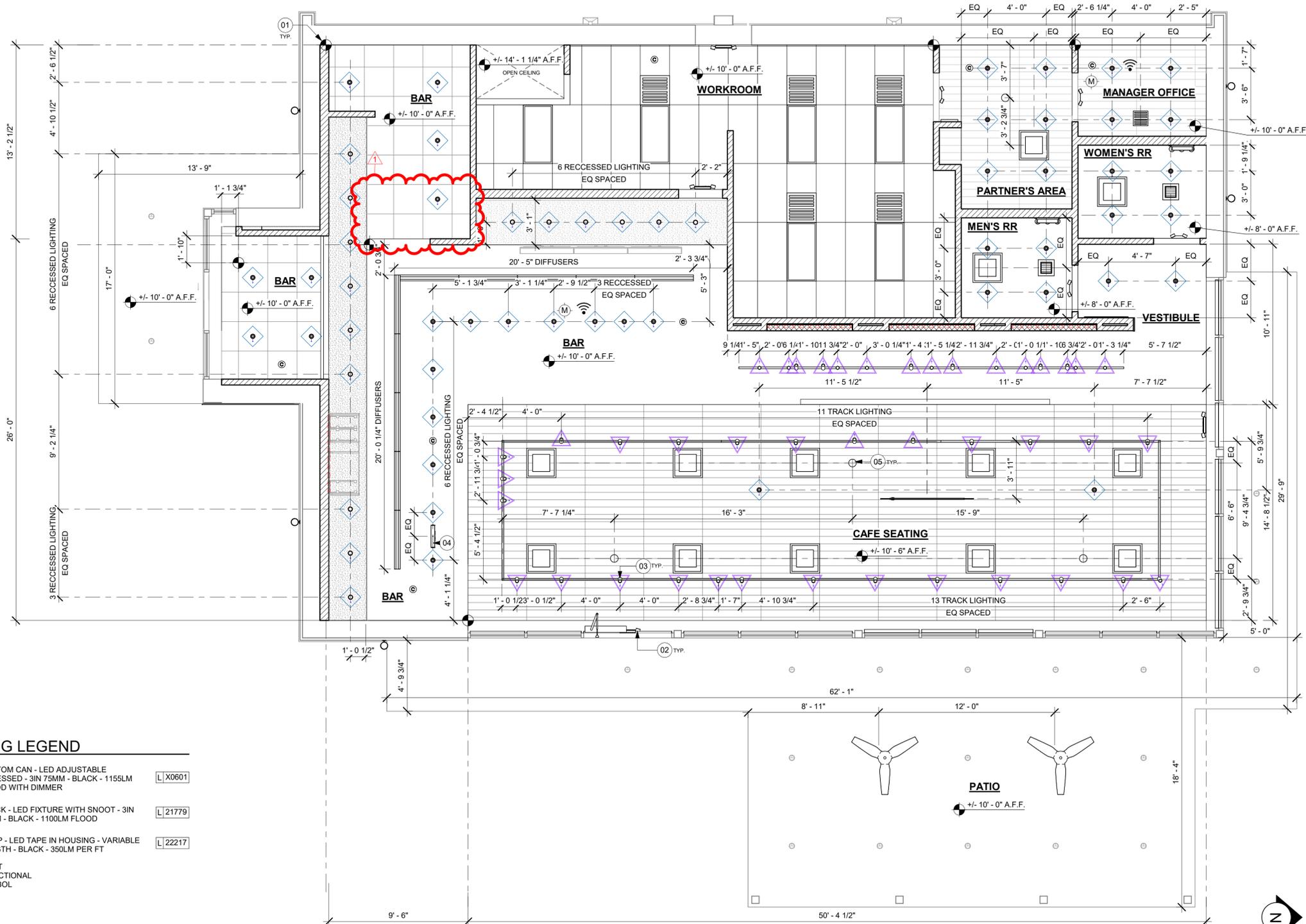
- EXISTING ITEM/EQUIPMENT FOR FUTURE
- EXISTING ITEM/EQUIPMENT TO BE REUSED
- EXISTING ITEM/EQUIPMENT TO REMAIN
- ADJACENT TENANT

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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**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: 10/12/2023  
DESIGN MANAGER: LUCAS ALVAREZ -T.  
PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

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

SHEET NUMBER:  
**1103.1**

**GENERAL NOTES**

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- 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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**LEGEND**

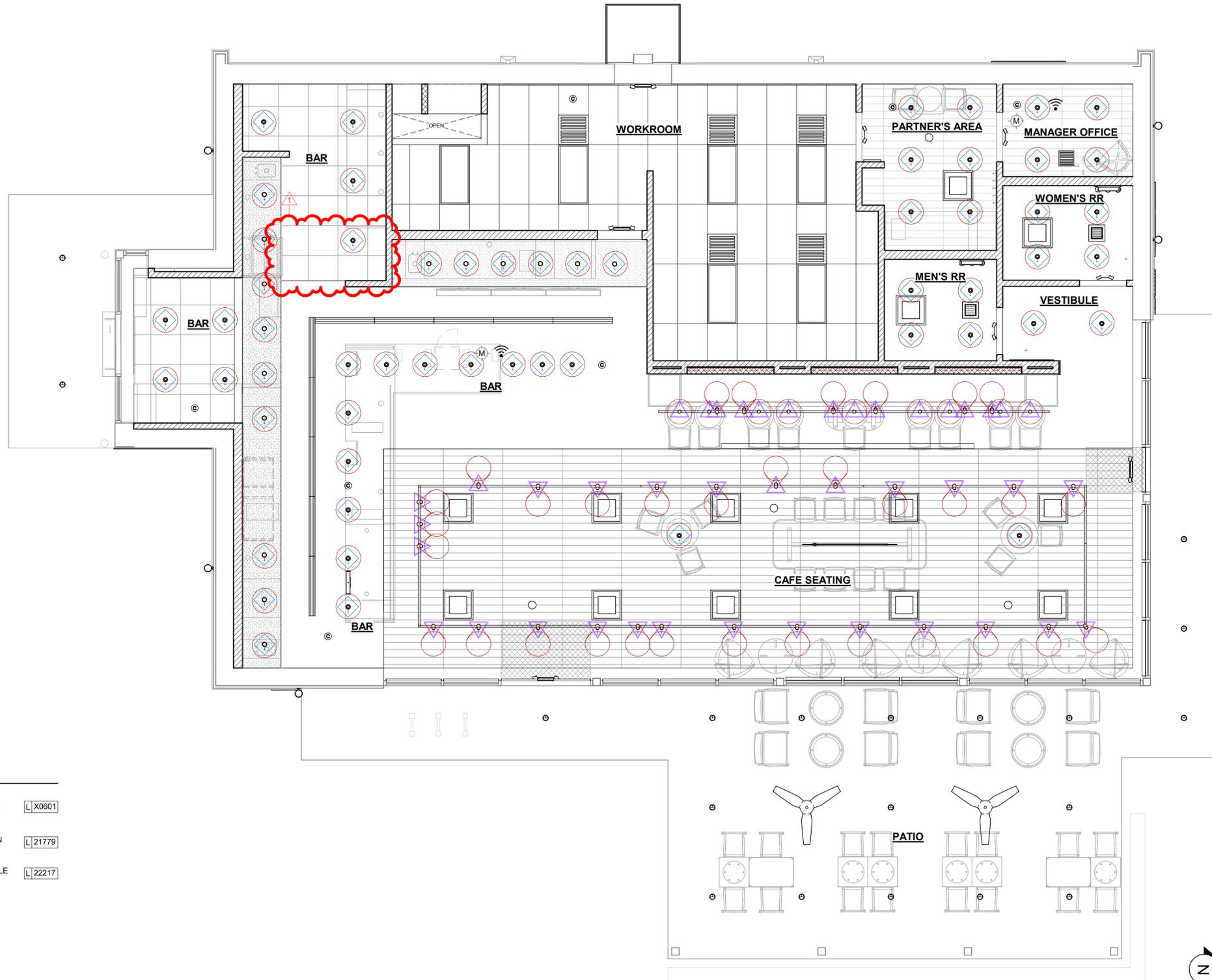
- EXISTING ITEM/EQUIPMENT FOR FUTURE
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- ADJACENT TENANT

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

- ELEVATION DATUM
- TRACK LIGHTING
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- (E) 2'X2' ACT SUSPENDED CEILING SYSTEM
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**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
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01 REFLECTED CEILING PLAN  
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STARBUCKS TEMPLATE VERSION: I:2023.04.24

SARAH M. JOUBERT AIA, REG. NO. AR94307



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STORE #: 23308  
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PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

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

SHEET NUMBER:  
**1103.2**





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Fax: (415) 856-4599  
SHEET TITLE OF PROJECT  
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SUITE C400  
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Tel: (813) 204-9000  
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Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**WALL FINISH PLAN**

SCALE: AS SHOWN

SHEET NUMBER:

1105

WALL TREATMENT (AREA) SCHEDULE - "Q"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TILE					
20227	835 SF	TILE - I COCCI - CEMENTO - 6X24IN 150X600MM	SB	GC	GROUT: MAPEI - 47 CHARCOAL, OR EQUAL
20249	1289 SF	TILE - COLOR STUDIO - SAGE - SQUARE MOSAIC - 12X12IN 300X300MM SHEET	SB	GC	GROUT: MAPEI - 11 SAHARA BEIGE, OR EQUAL
WALL COVERING					
11469	1539 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
WOOD					
X1402	118 SF	WOOD - WHITE OAK - GROOVED - VERTICAL WD0073 - MAD 400	SB	GC	

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	

**KEYED NOTES**

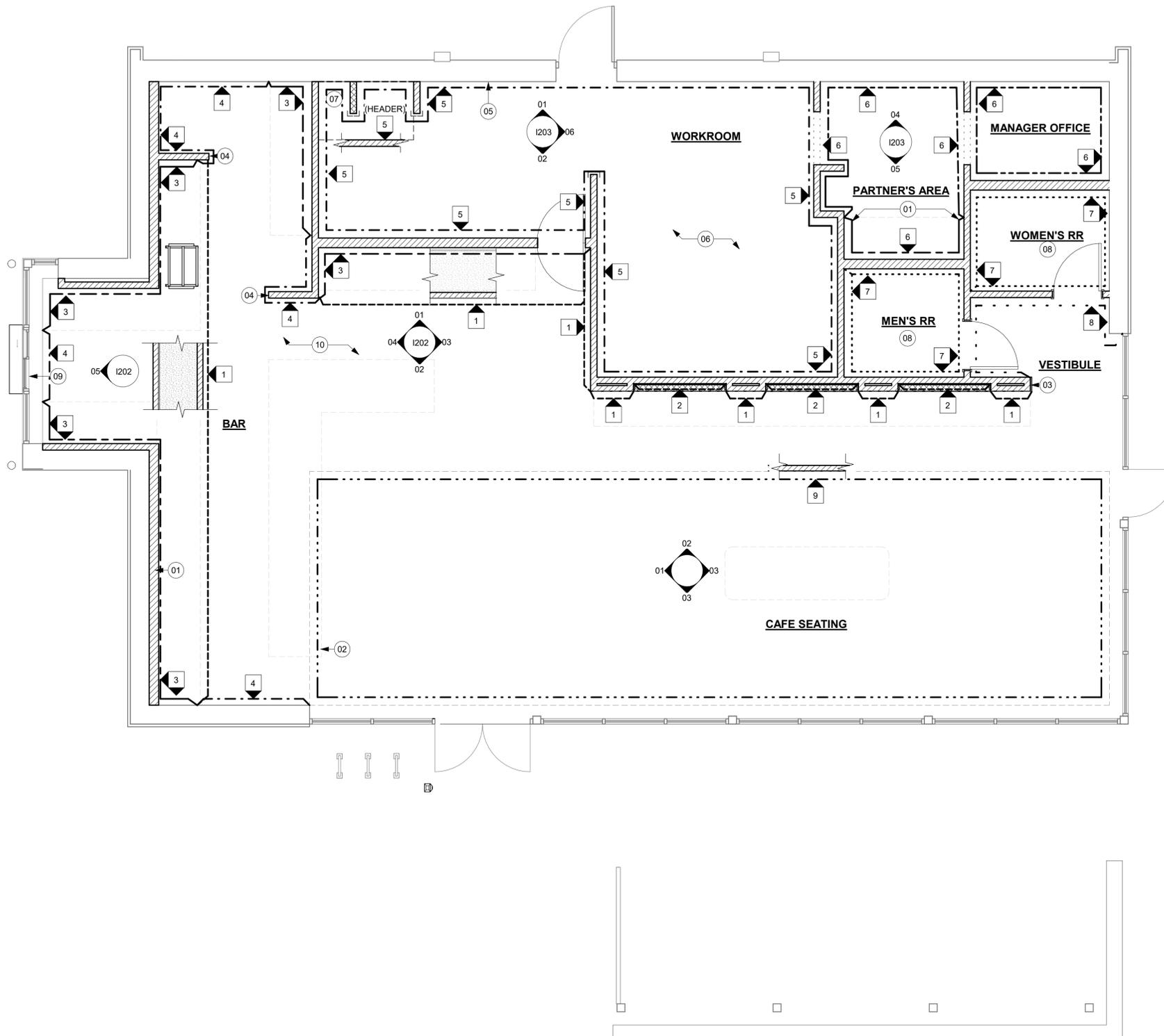
- 01 GC TO FURNISH AND INSTALL FRP BELOW ENGINE EXPOSED WALLS, EXCEPT AT WARMING STATION. EXTEND FROM WALL BASE TO UNDERSIDE OF COUNTERTOP. SEAL AT BASE. WALL TILE TO START ABOVE THE BACKSPASH. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION AND START POINTS.
- 02 OUTLINE OF ENGINE FOR REFERENCE.
- 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
- 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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STARBUCKS TEMPLATE VERSION: I2023.04.24

SARAH M. JOUBERT AIA, REG. NO. AR94307

**Gensler**

PLANNING OFFICE  
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SHEETTYPE OF PROJECT  
400 N. HOLLEY DRIVE  
SUITE C400  
TAMPA, FL 33602 USA  
Tel: (813) 204-9000  
Fax: (813) 222-9948

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

STORE #: 23308  
PROJECT #: 62233-050  
ISSUE DATE: 10/12/2023  
DESIGN MANAGER: LUCAS ALVAREZ -T.  
PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

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

SHEET NUMBER:  
**1201**

**KEYED NOTES**

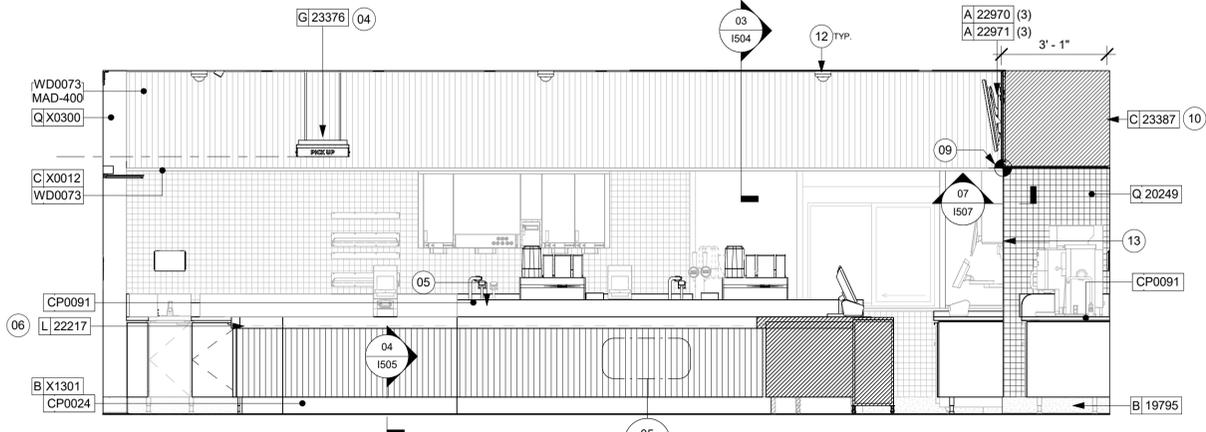
- 01 ATTACH MENU BOARDS PER INSTALLATION DETAILS. CENTER SECOND MENU WITH THE POS COUNTER.
- 02 GC TO FURNISH AND INSTALL FRP BELOW ENGINE EXPOSED WALLS, EXCEPT AT WARMING STATION. EXTEND FROM WALL BASE TO UNDERSIDE OF COUNTERTOP. SEAL AT BASE. WALL TILE TO START ABOVE THE BACKSPLASH. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION AND START POINTS.
- 03 LIGHT FIXTURE (SEE REFLECTED CEILING PLAN ON SHEET I103 AND LIGHTING PLAN ON SHEET E102 FOR ADDITIONAL INFORMATION).
- 04 CEILING MOUNTED MOP (MOBILE ORDER AND PAY) TO BE INSTALLED AS INDICATED. REFER TO DETAILS FOR ADDITIONAL INFORMATION AND SCHEDULE FOR SPECIFICATIONS.
- 05 CORIAN SHROUD.
- 06 UNDERCOUNTER LED LIGHTING TO BE INSTALLED AT FRONT BAR AS INDICATED. REFER TO SCHEDULE FOR SPECIFICATIONS AND ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
- 07 CEILING MOUNTED EMERGENCY LIGHT FIXTURE.
- 08 DO NOT BLOCK FOOD CASE INTAKE/EXHAUST.
- 09 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.
- 10 IN-WALL WOOD BLOCKING. VERIFY BLOCKING LOCATION, EXTENTS AND BLOCKING WITH MANUFACTURER'S REQUIREMENTS.
- 11 BARRIER FREE NEW HARDWARE, REFER TO SHEET A602 FOR MORE INFORMATION.
- 12 INSTALL CEILING MOUNTED SECURITY CAMERA AS INDICATED.
- 13 CORNER GUARD, REFER TO SCHEDULE AND PLAN FOR MORE INFORMATION.

**GENERAL NOTES**

- A. FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I601.
- B. REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.
- C. CHANGE PAINT COLOR ONLY AT INSIDE CORNERS UNLESS OTHERWISE INDICATED.
- D. PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE:
  - 1) WOODS AND METAL SURFACES SHALL BE SEMI-GLOSS OR EQUAL.
  - 2) ACCENT AND TRIM PAINTS TO BE SEMI-GLOSS OR EQUAL.
    - a. WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
  - 3) PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.
- E. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS NATIONAL ACCOUNT COLOR CODE WHEN ORDERING PAINTS.
- F. FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE. PAINT SHALL BE WASHABLE, SEMI-GLOSS OR HIGH GLOSS FINISH.
- G. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETRY) SHALL BE SEALED.
- H. REFER TO CASEWORK FINISH SCHEDULE ON THE CASEWORK FINISH PLAN ON SHEET I102 FOR CASEWORK FINISH MATERIAL INFORMATION.
- I. ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.
- J. ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.
- K. ALL FOOD STORAGE SHALL BE 6" (150MM) A.F.F.
- L. INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.
- M. GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.
- 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



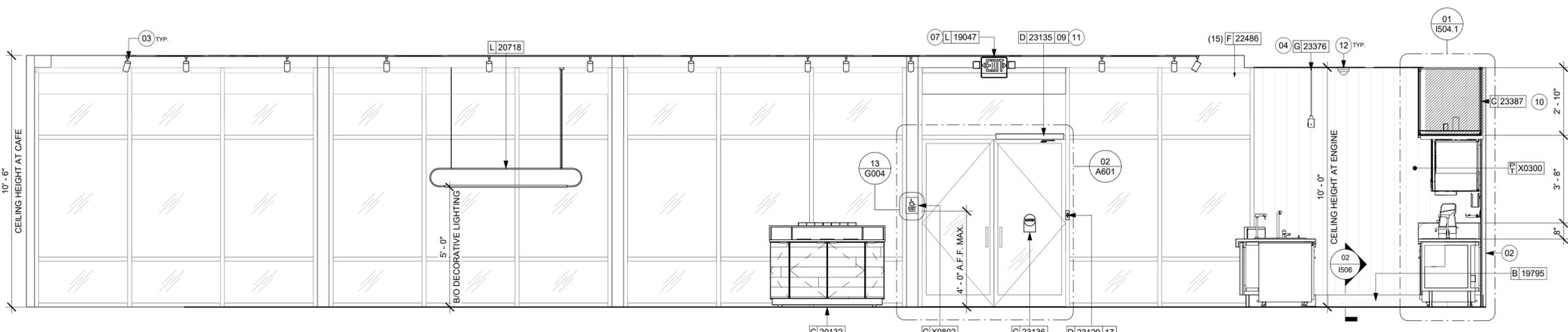
**01 CAFE TOWARDS ENGINE**

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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SHEET SET OF: Tel: (813) 204-9000  
4024 HOBLEY DRIVE Fax: (813) 222-6946  
SUITE C400  
TAMPA, FL 33602 USA

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PROJECT NAME:  
**ALOMA AVE & TUSKAWILLA RD**

PROJECT ADDRESS:  
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STORE #: 23308  
PROJECT #: 62233-050  
ISSUE DATE: 10/12/2023  
DESIGN MANAGER: LUCAS ALVAREZ -T.  
PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**INTERIOR FINISH ELEVATIONS**

SCALE: AS SHOWN

SHEET NUMBER:  
**1203**

**GENERAL NOTES**

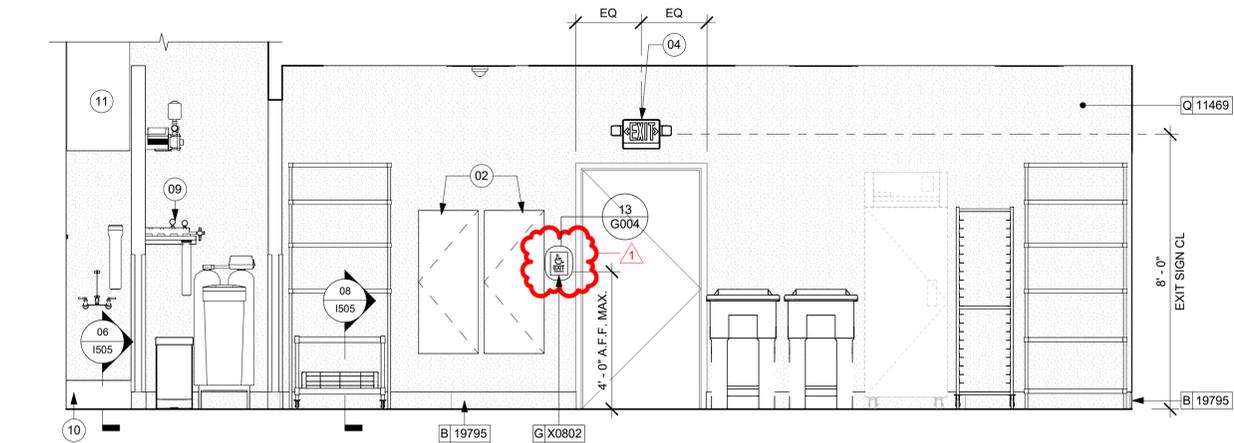
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**KEYED NOTES**

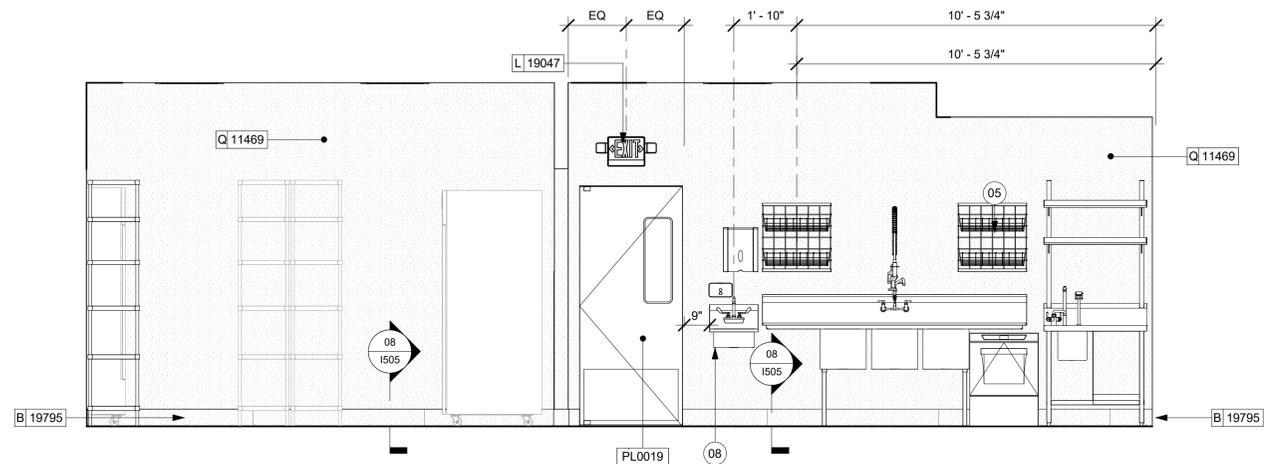
- 01 MANAGER'S DESK (SEE ENLARGED DETAILS).
- 02 ELECTRICAL PANELS (SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION).
- 03 PLACE FIRE EXTINGUISHER PER LOCAL FIRE CODE REQUIREMENTS. COORDINATE TYPE AND SIZE WITH LOCAL INSPECTOR.
- 04 EMERGENCY EXIT/LIGHT SIGNAGE COMBO, WALL MOUNTED.
- 05 IN-WALL WOOD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

**GENERAL NOTES**

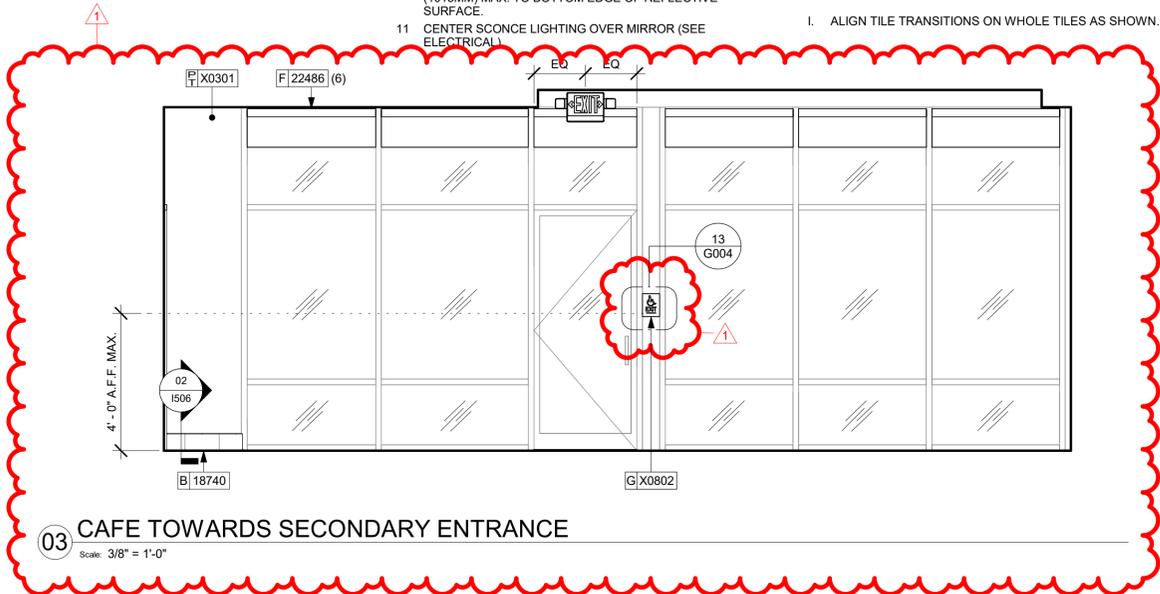
- A. FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I601.
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  - d. PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.
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- G. ALL 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.



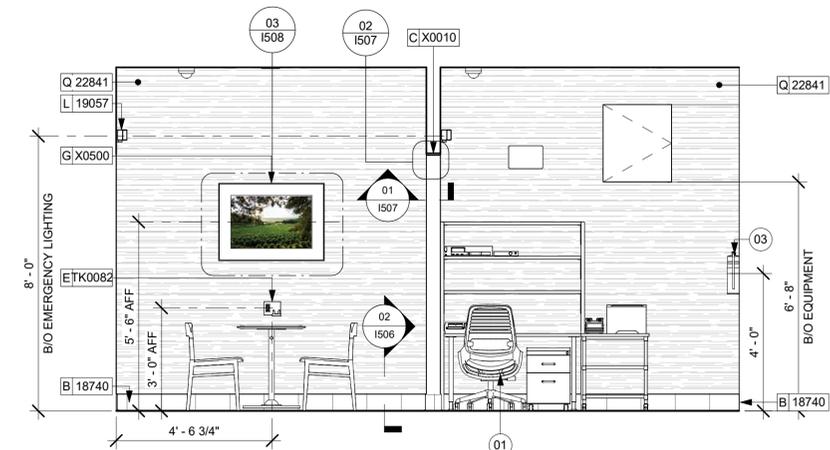
01 BOH TOWARDS MOP SINK  
Scale: 3/8" = 1'-0"



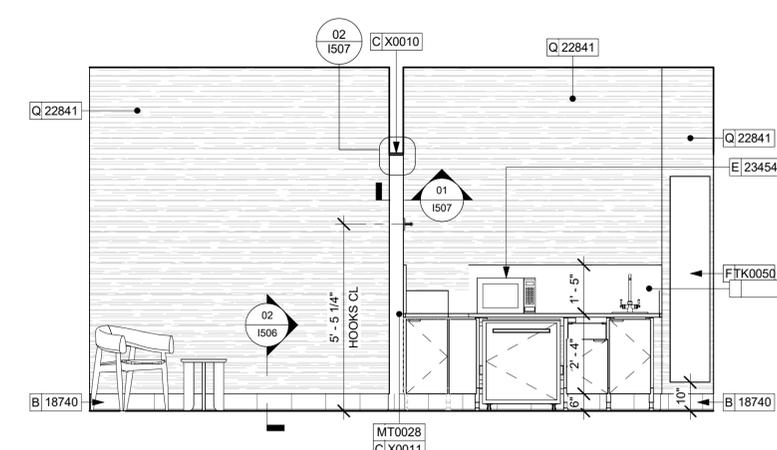
02 BOH TOWARDS STORAGE  
Scale: 3/8" = 1'-0"



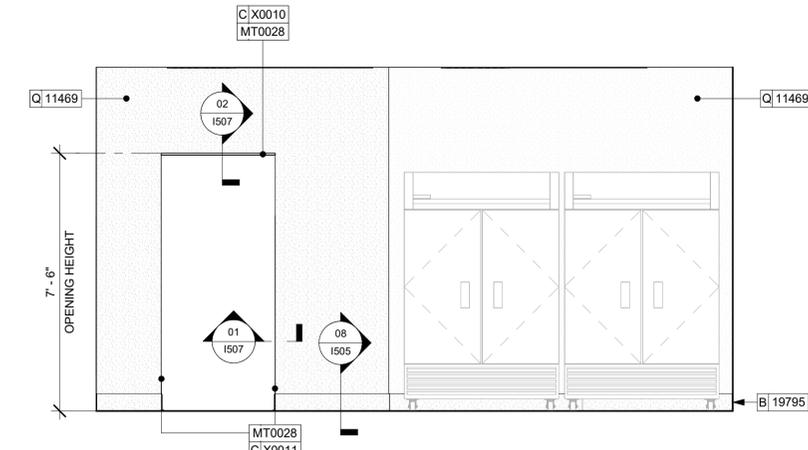
03 CAFE TOWARDS SECONDARY ENTRANCE  
Scale: 3/8" = 1'-0"



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



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



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



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STARBUCKS TEMPLATE VERSION: 2023.04.24

SARAH M. JOUBERT AIA, REG. NO. AR94307

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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: 10/12/2023  
DESIGN MANAGER: LUCAS ALVAREZ -T.  
PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**RESTROOM PLAN & ELEVATIONS**  
SCALE: AS SHOWN

SHEET NUMBER:  
**1401**

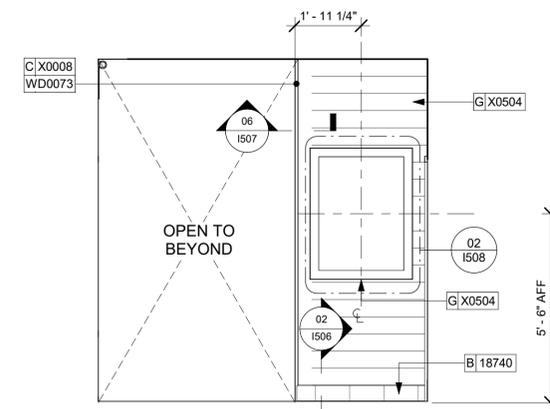
**KEYED NOTES**

- 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.

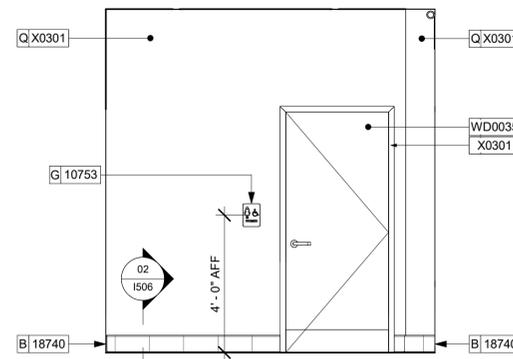
**GENERAL NOTES**

- 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.

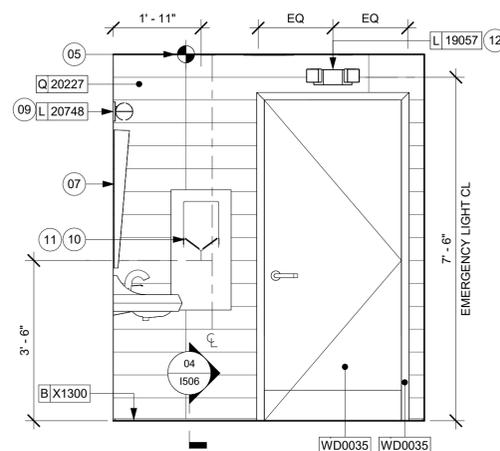
**NOTE:**  
REFER SHEET G004.1 FOR ALL RESTROOM ACCESSORY MOUNTING HEIGHTS AND CLEARANCES.



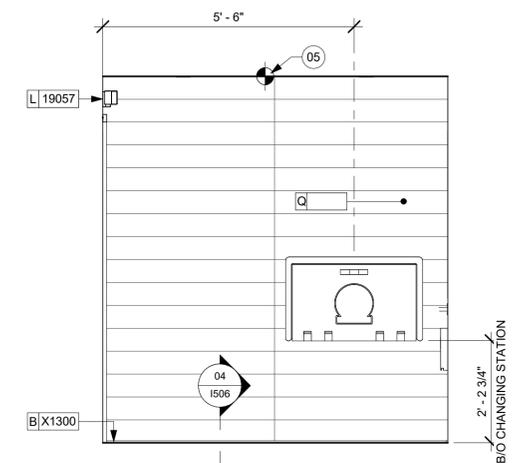
**01 VESTIBULE ELEVATION TOWARDS CAFE**  
Scale: 3/8" = 1'-0"



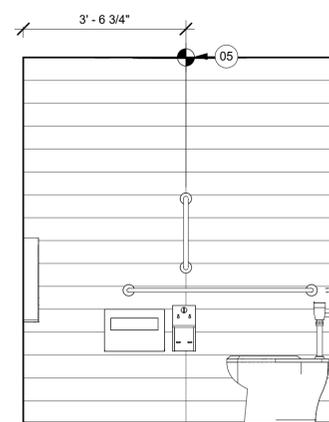
**02 VESTIBULE ELEVATION TOWARDS RETROOMS**  
Scale: 3/8" = 1'-0"



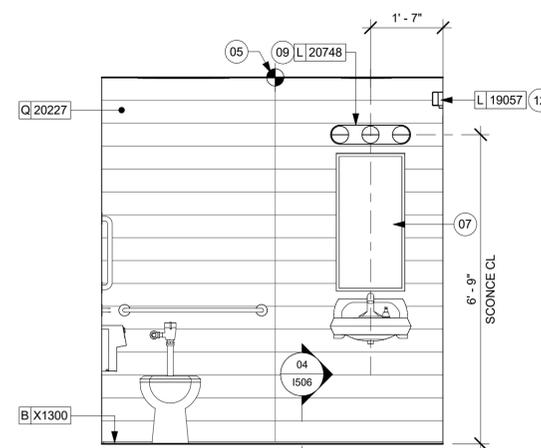
**03 TYP. RR TOWARDS DOOR**  
Scale: 1/2" = 1'-0"



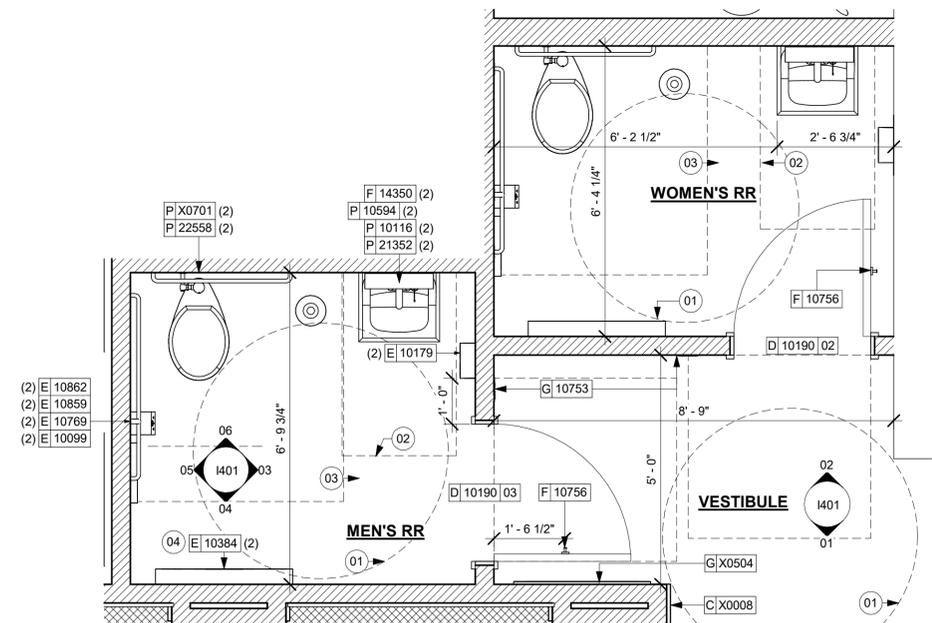
**04 TYP. RR TOWARDS CHANGING STATION**  
Scale: 1/2" = 1'-0"



**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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Fax: (415) 856-4599  
SHEET TITLE OF PROJECT  
4024 N. WISLEY DRIVE  
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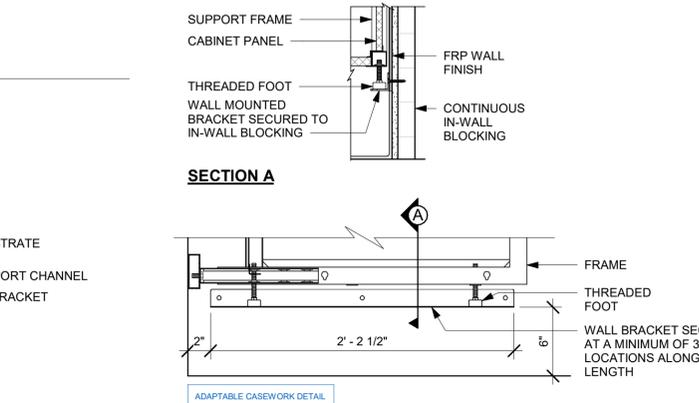
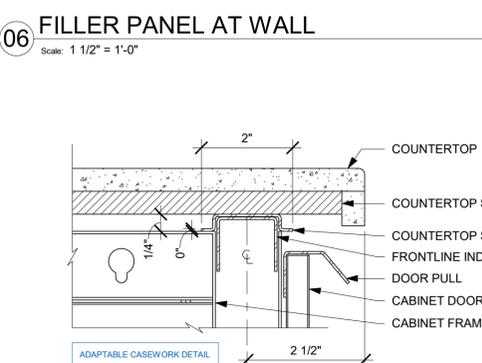
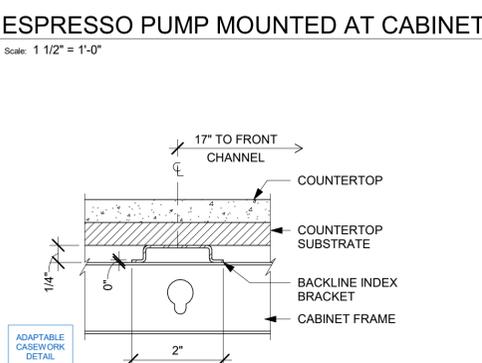
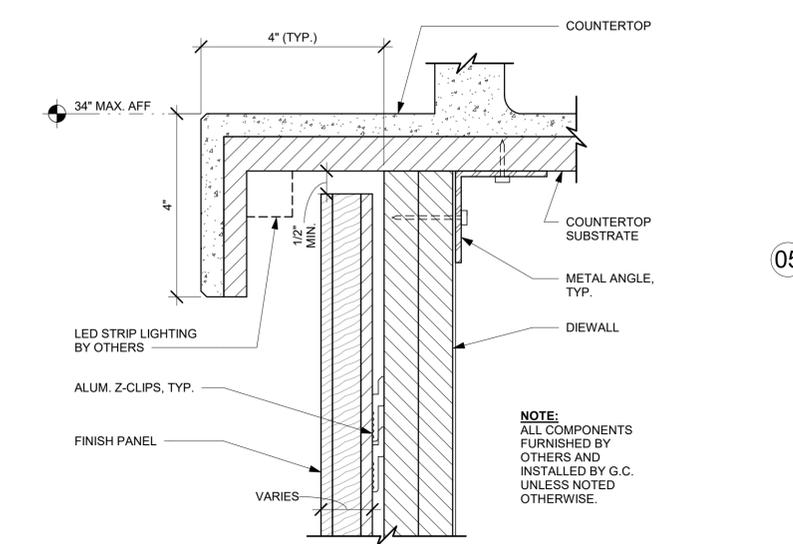
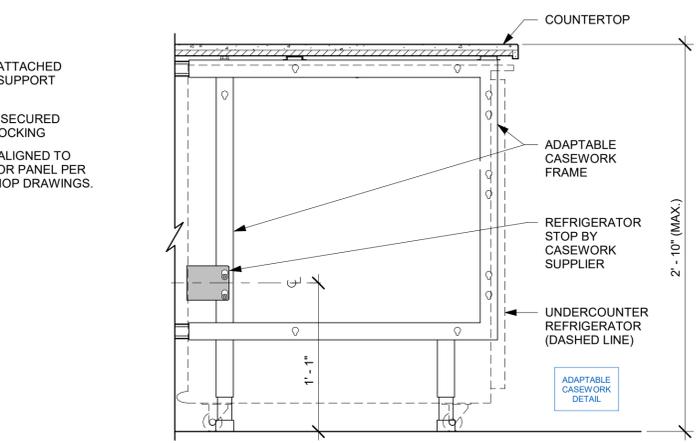
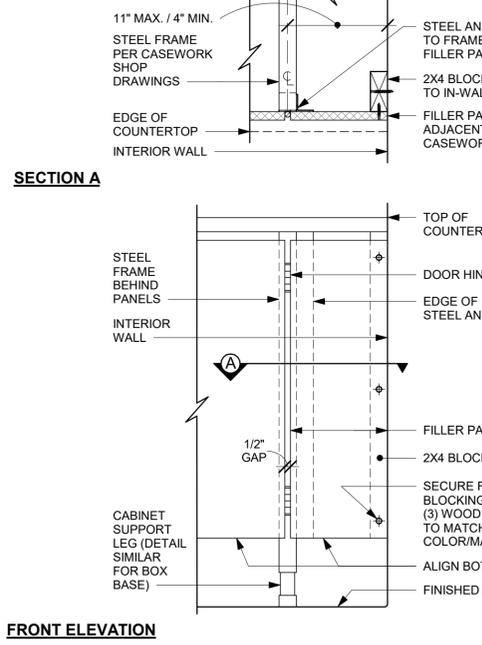
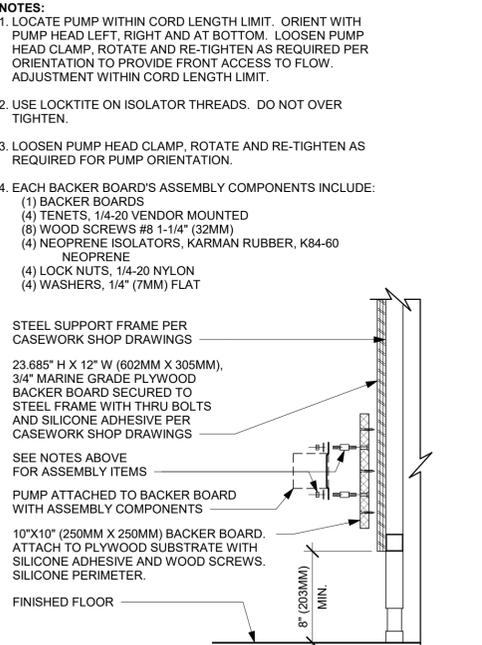
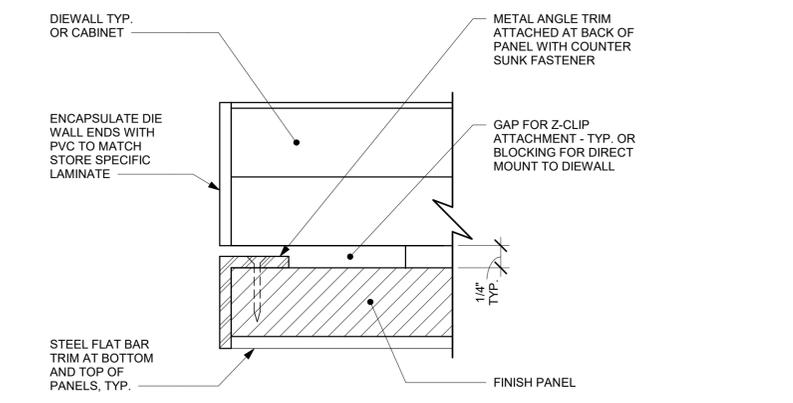
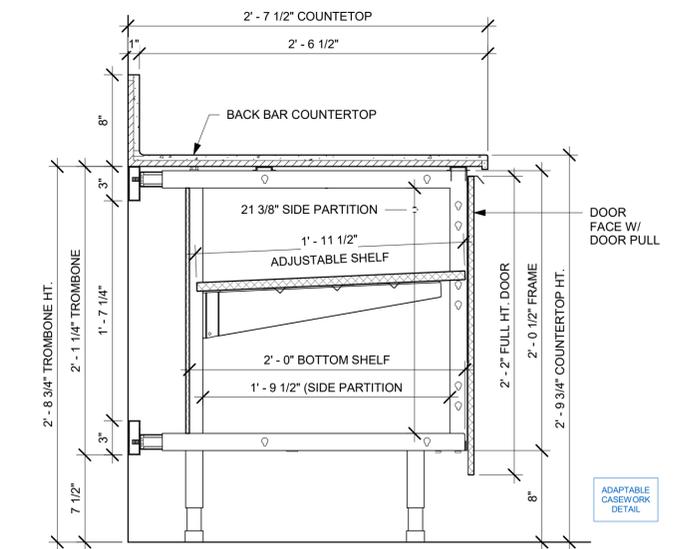
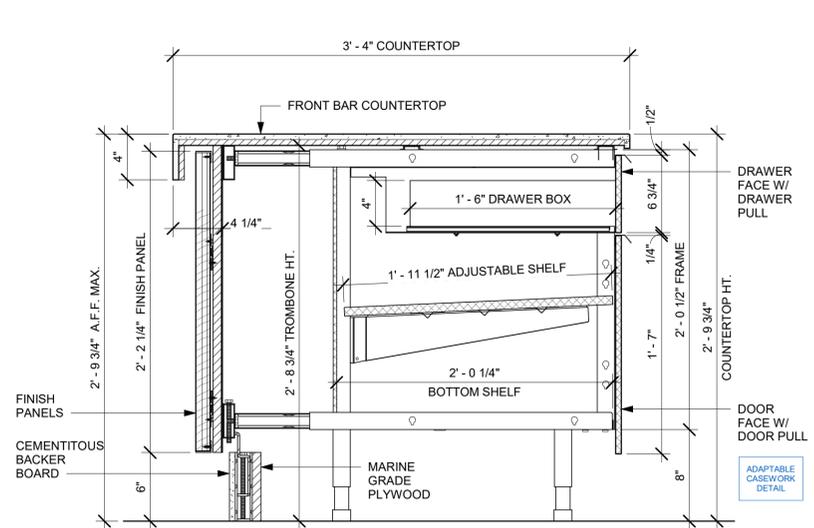
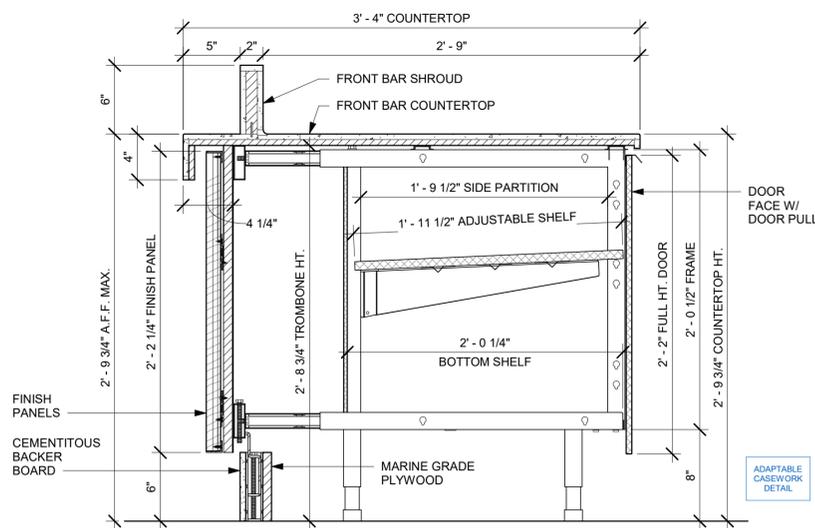
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Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**ADAPTABLE CASEWORK DETAILS**  
SCALE: AS SHOWN

SHEET NUMBER:

1501





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STARBUCKS TEMPLATE VERSION: I2023.04.24

SARAH M. JOUBERT AIA, REG. NO. AR94307

**Gensler**

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PERMIT SET - FOR CONSTRUCTION USE

PROJECT NAME:  
**ALOMA AVE & TUSKAWILLA RD**

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

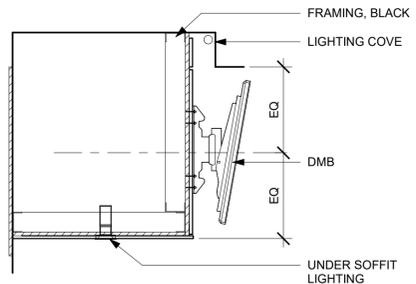
STORE #: 23308  
PROJECT #: 62233-050  
ISSUE DATE: 10/12/2023  
DESIGN MANAGER: LUCAS ALVAREZ -T.  
PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

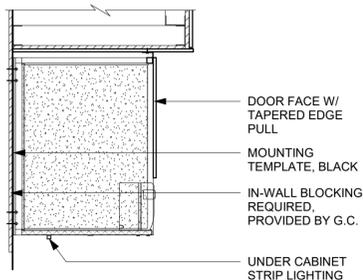
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SCALE: AS SHOWN

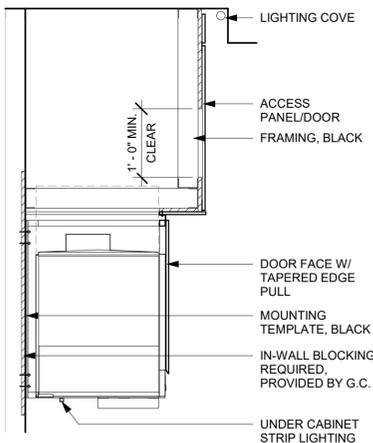
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**1501.1**



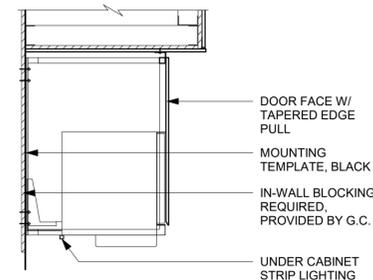
**SECTION D - DMB**



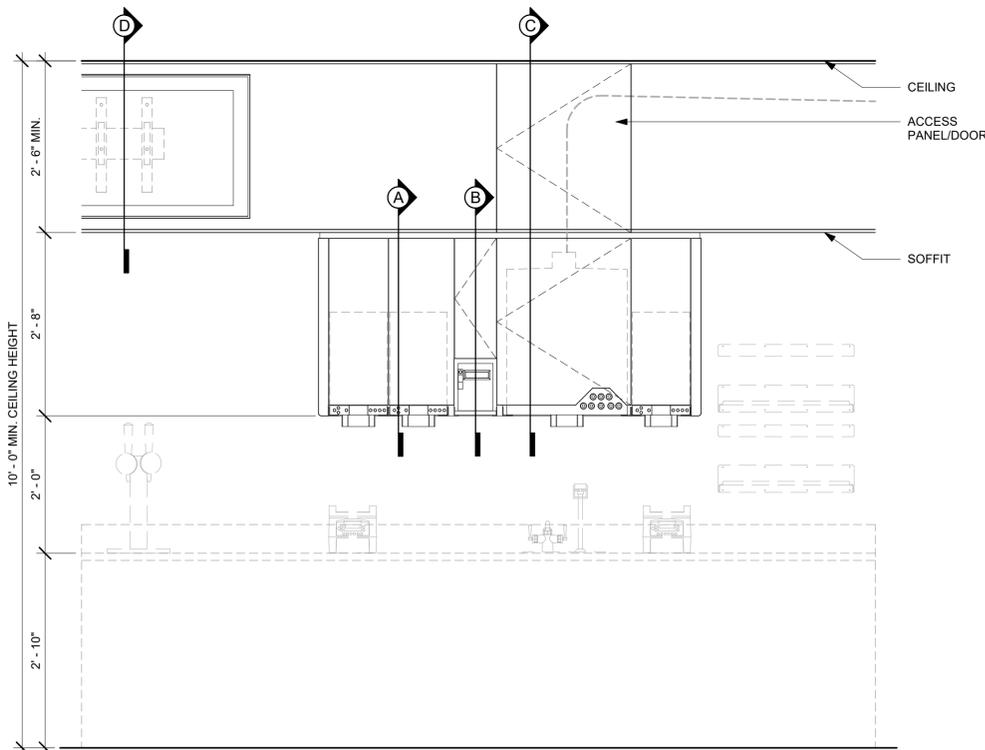
**SECTION B - CUP LABELER**



**SECTION C - NUGGET ICE DISPENSE**



**SECTION A - MILK DISPENSE**



**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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TAMPA, FL 33602 USA

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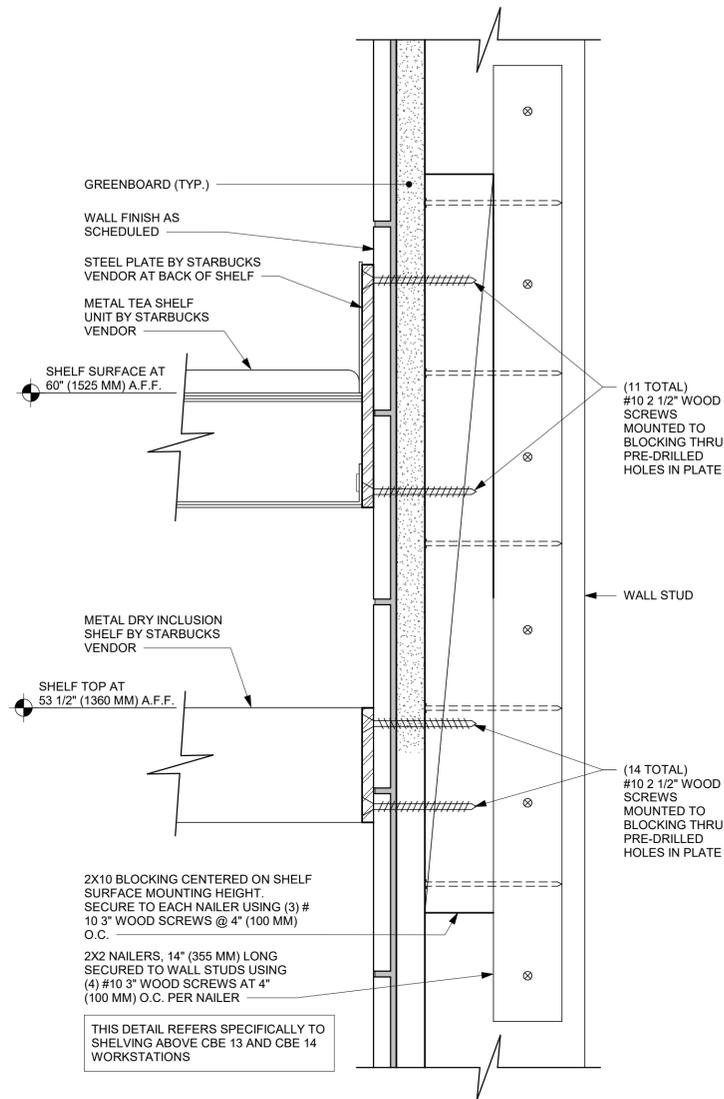
Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**CASEWORK DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:

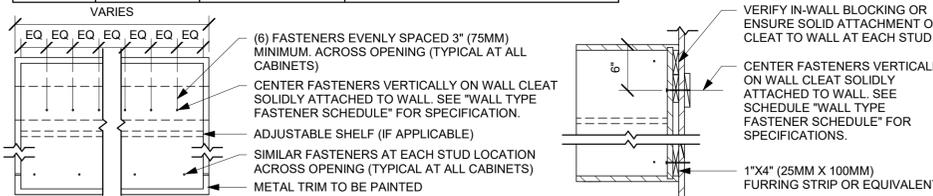
1502



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

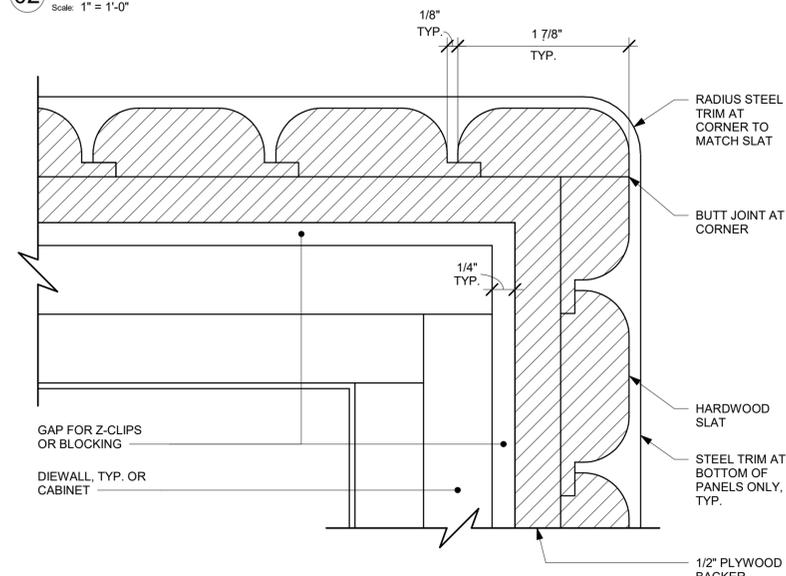
**STUD WALL BLOCKING REQUIREMENTS:**  
WOOD STUD WALLS REQUIRE MIN. 2" X 6" (50MM X 150MM) WOOD BLOCKING SECURED FLUSH TO STUD FACE WITH (3) 10D NAILS (OR EQUIVALENT)

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**

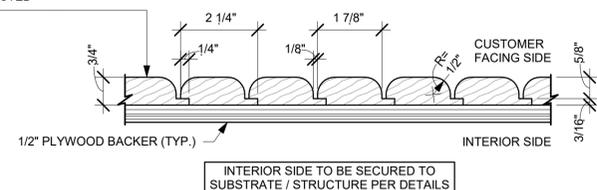
Scale: 1" = 1'-0"



**03 ALTERNATE CORNER DETAIL - ROUNDED VERTICAL SLATS**

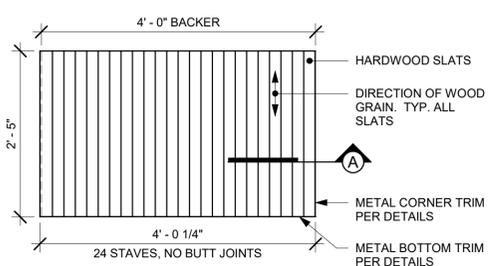
Scale: 12" = 1'-0"

HARDWOOD SLATS ADHERED TO SUBSTRATE / STRUCTURE AND MECHANICALLY FASTENED AS REQUIRED



**A ENLARGED SECTION PROFILE**

NOT TO SCALE



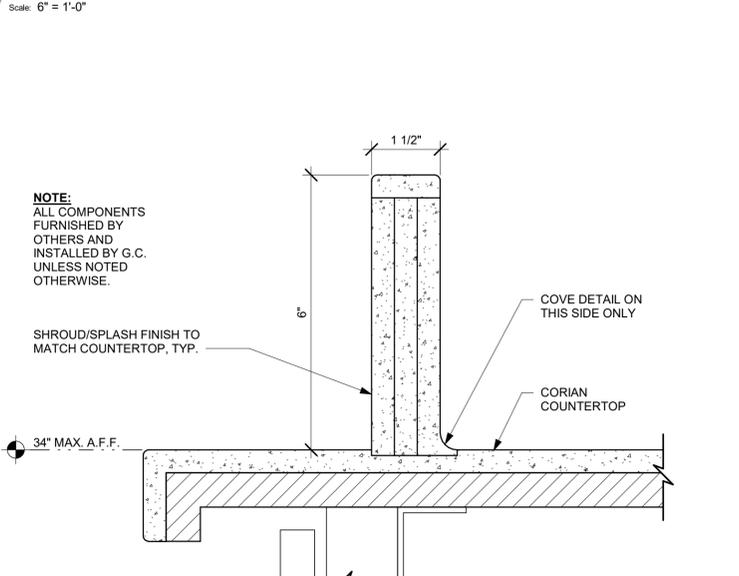
**ELEVATION**

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

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

**06 METAL TEA AND DRY INCLUSION SHELF WALL ATTACHMENT**

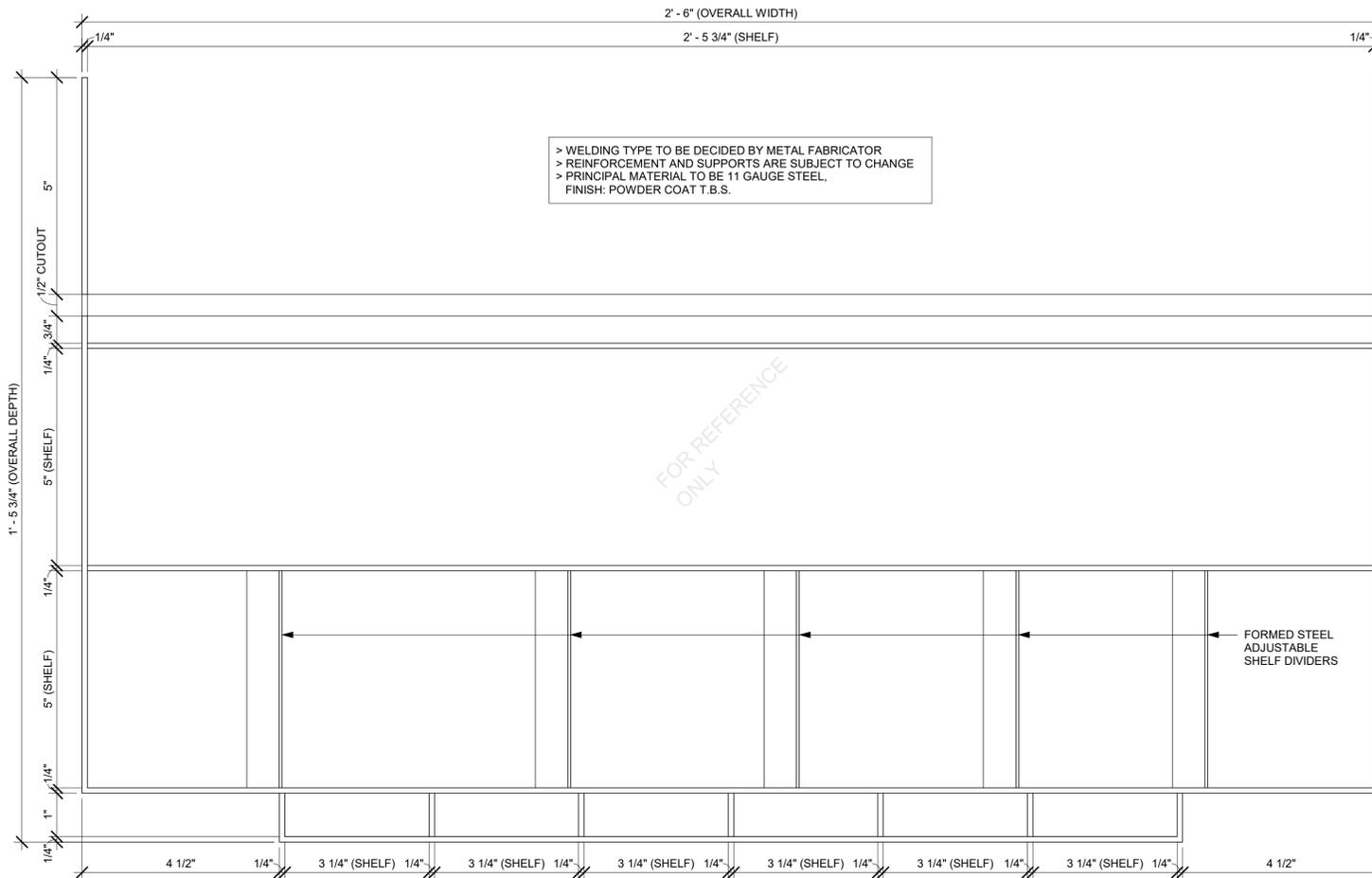
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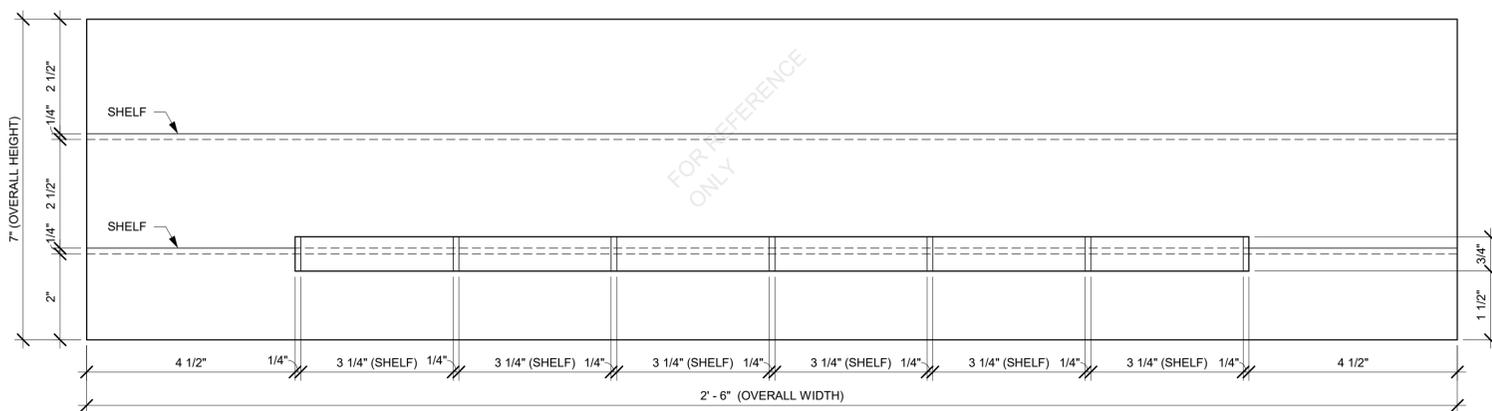
**07 ESP SHROUD - CORIAN**

Scale: 6" = 1'-0"

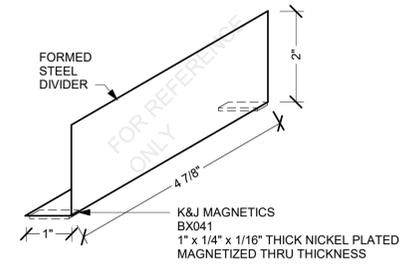
SBUX STANDARD DETAILS  
REFER TO I102 FOR PLAN LOCATION



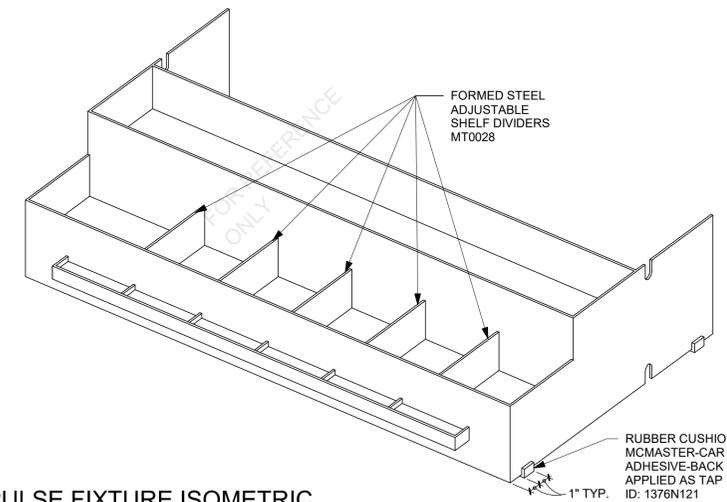
IMPULSE FIXTURE PLAN



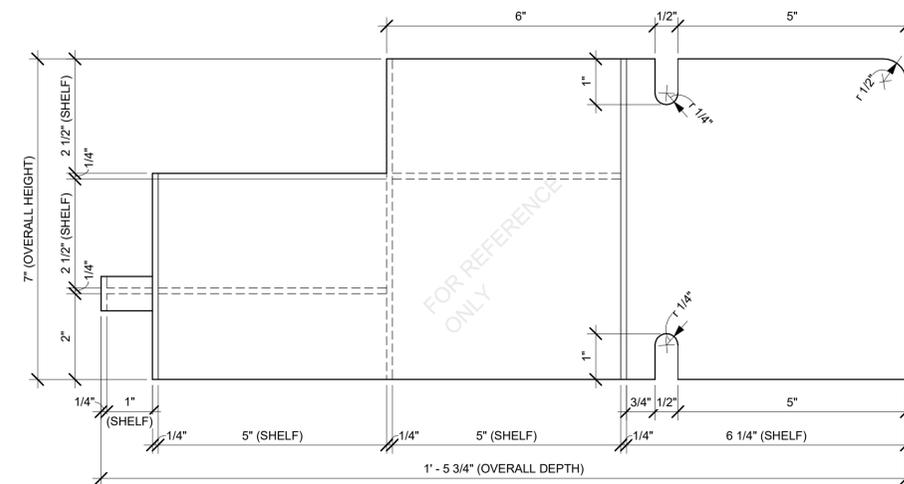
IMPULSE FIXTURE ELEVATION



TYPICAL ADJUSTABLE SHELF DIVIDER ISOMETRIC



IMPULSE FIXTURE ISOMETRIC



IMPULSE FIXTURE SECTION



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PRODUCTION DESIGNER: GENSLER  
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Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

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

SHEET NUMBER:  
**1503**

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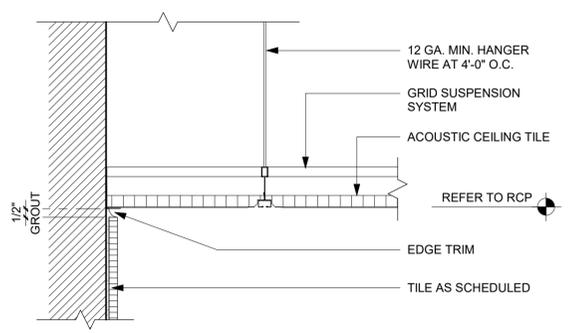
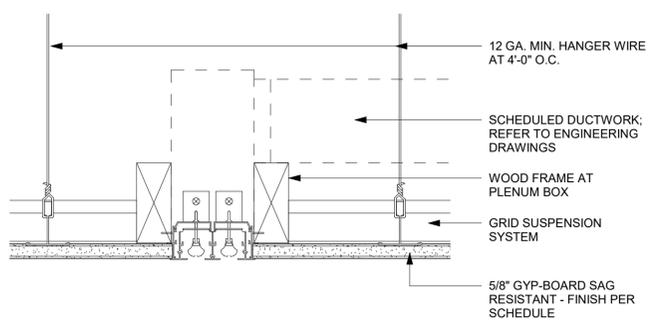
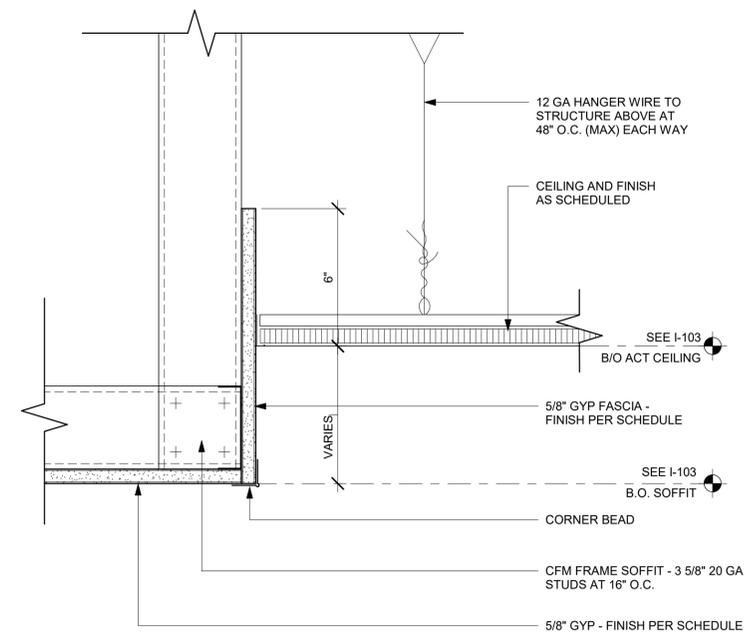
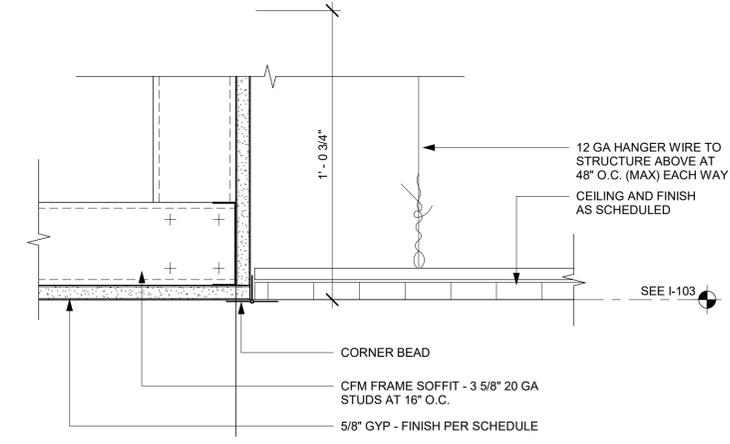
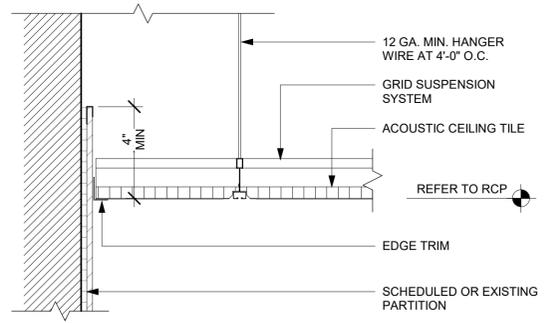
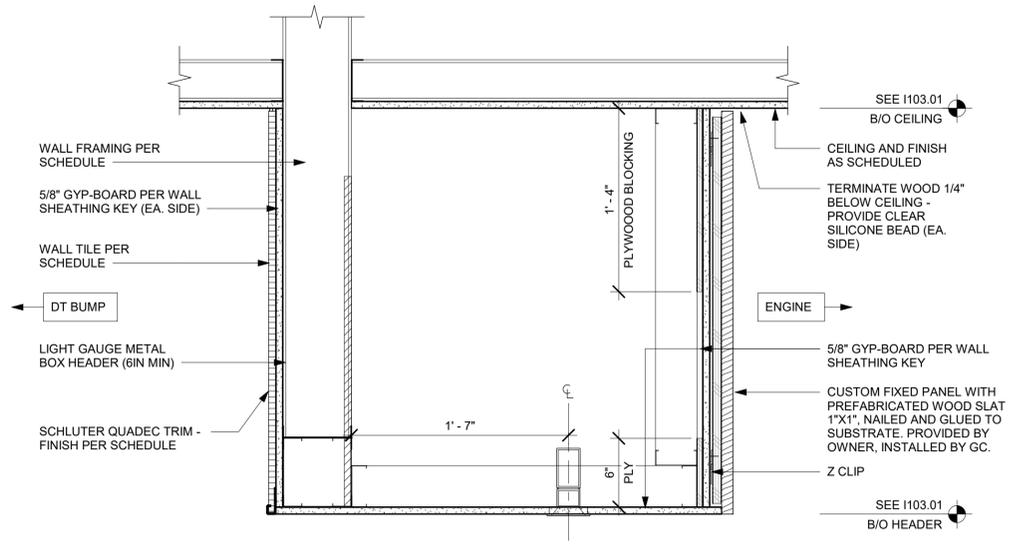
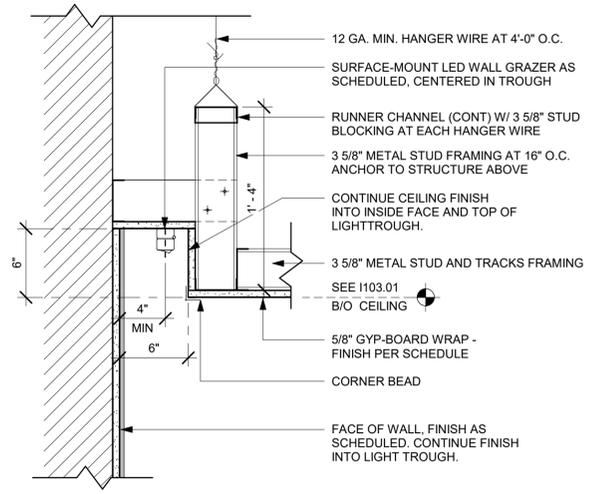
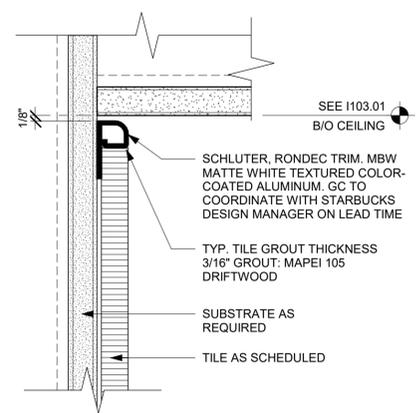
Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**RCP DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:  
**1504**

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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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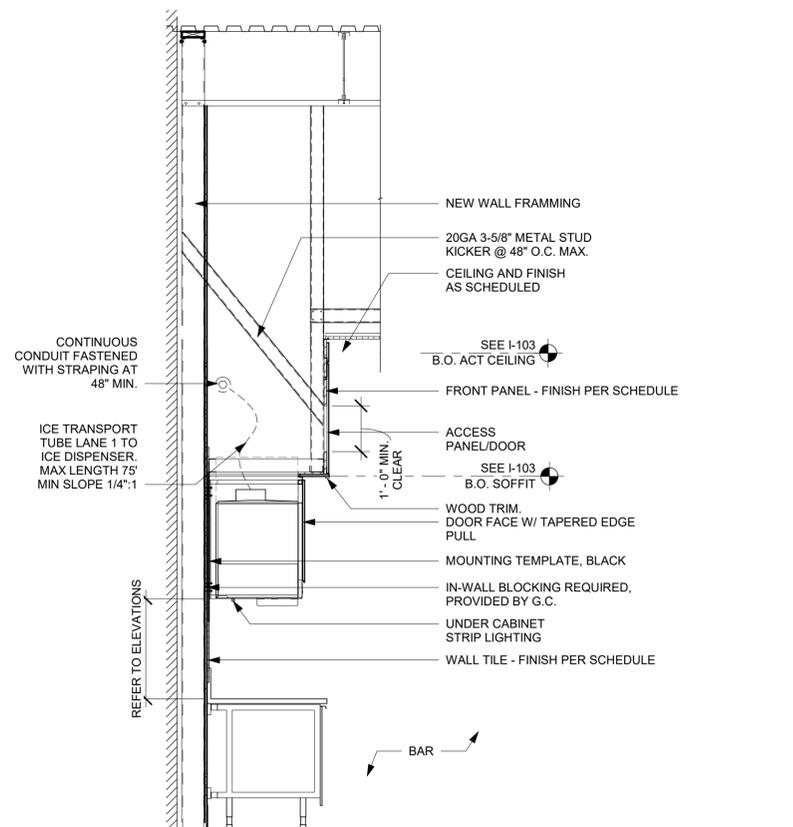
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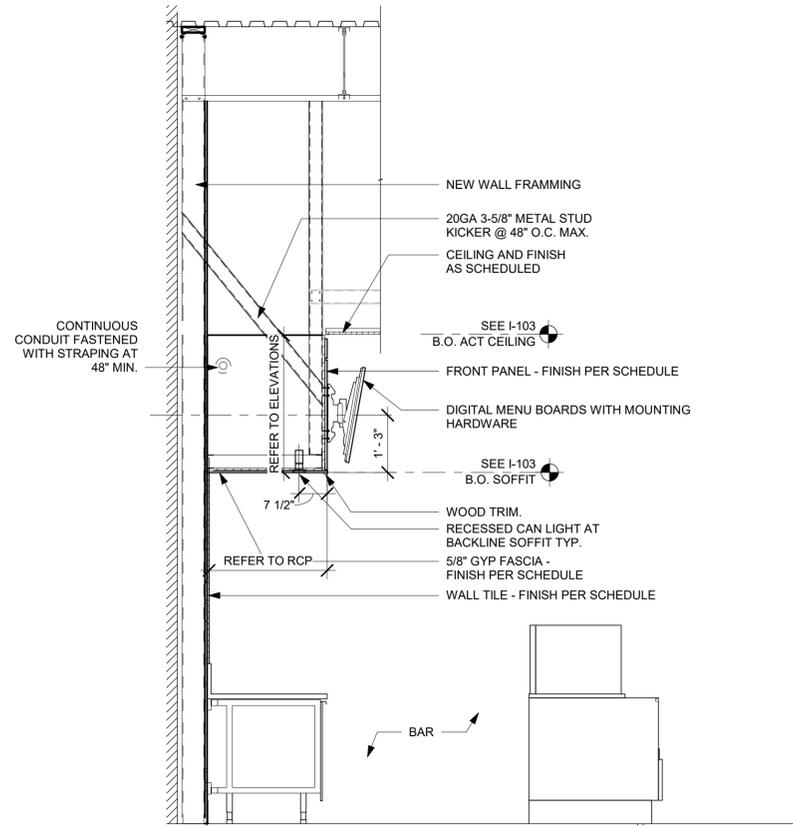
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**1504.1**

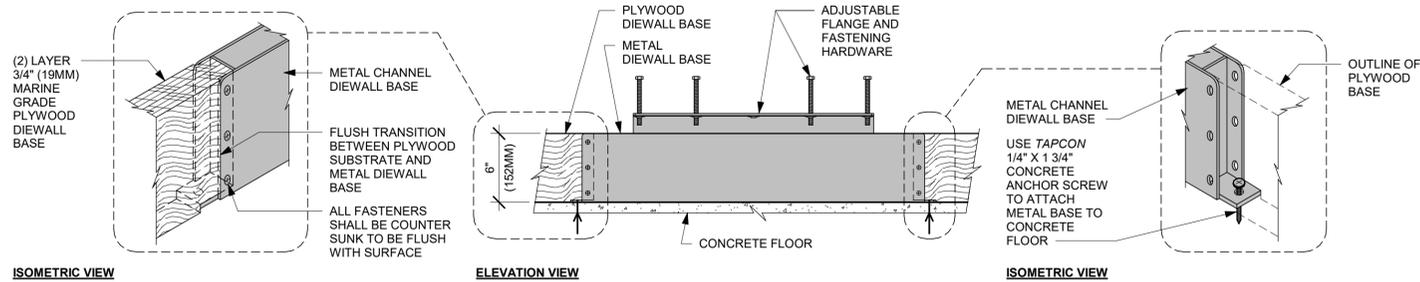
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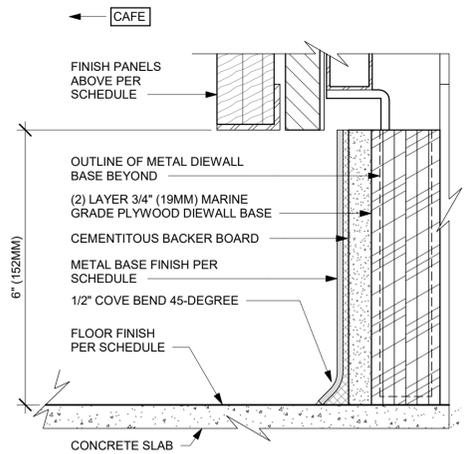
**01 UPPER CABINET AT SIREN SYSTEM**  
Scale: 1/2" = 1'-0"



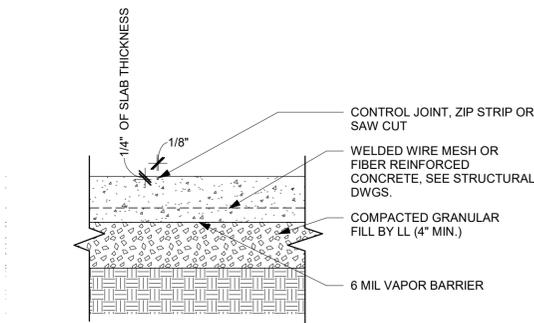
**02 UPPER CABINET AT MENU BOARDS**  
Scale: 1/2" = 1'-0"



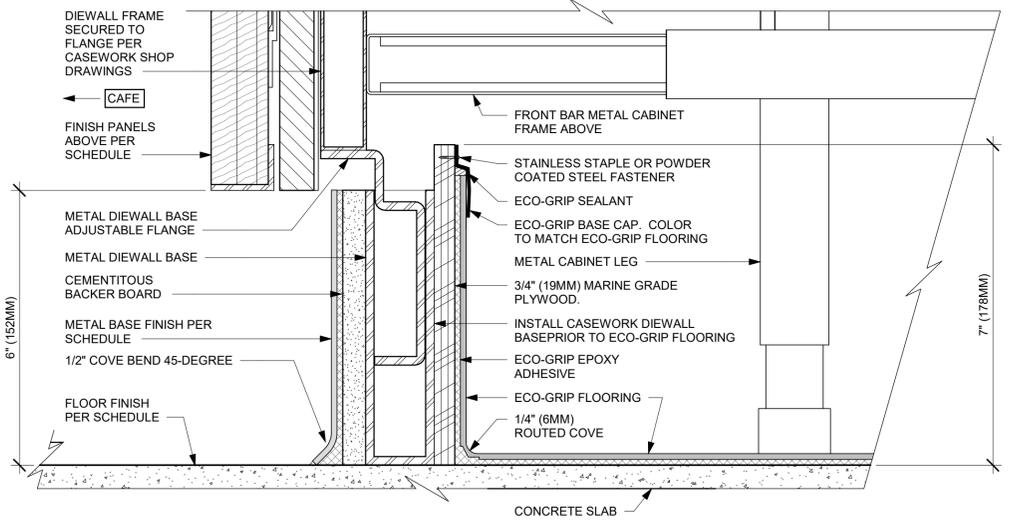
**01 AC FRONT BAR DIEWALL METAL TO WOOD BASE TRANSITION**  
Scale: 1 1/2" = 1'-0"



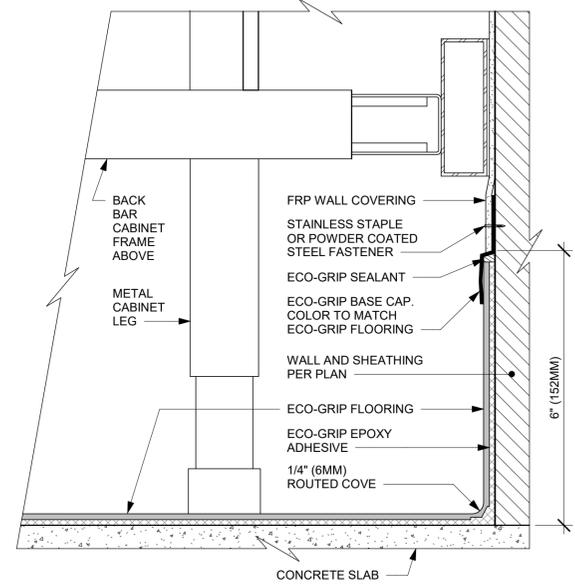
**02 AC FRONT BAR CABINET PLYWOOD DIEWALL BASE**  
Scale: 6" = 1'-0"



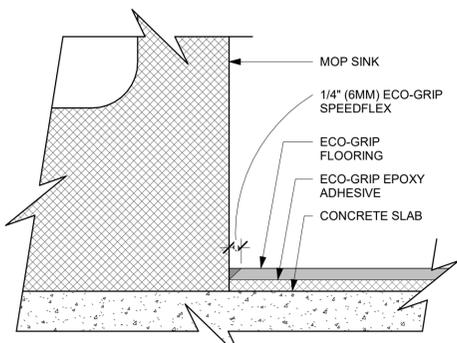
**03 INTERIOR CONC. SLAB ON GRADE (TYP)**  
Scale: 1 1/2" = 1'-0"



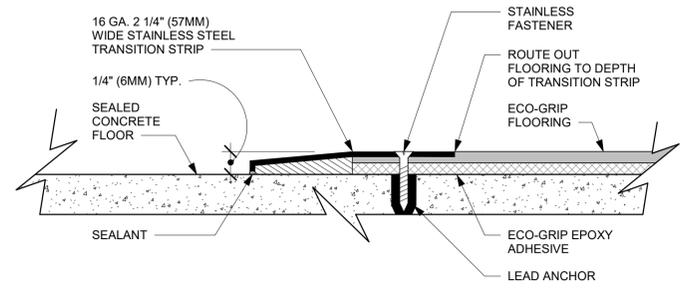
**04 ECO-GRIP AC FRONT BAR CABINET ON LEGS**  
Scale: 6" = 1'-0"



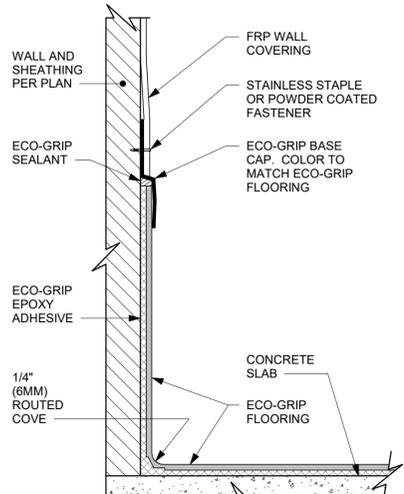
**05 ECO-GRIP AC BACK BAR CABINET ON LEGS**  
Scale: 6" = 1'-0"



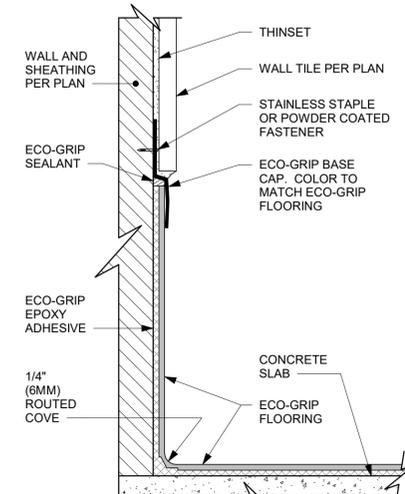
**06 ECO-GRIP AT MOP SINK**  
Scale: 12" = 1'-0"



**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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SHEET SET OF PROJECT  
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DESIGN MANAGER: LUCAS ALVAREZ -T.  
PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**FLOOR FINISH DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:  
**1505**

PERMIT SET - FOR CONSTRUCTION USE



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STARBUCKS TEMPLATE VERSION: I2023.04.24

SARAH M. JOUBERT AIA, REG. NO. AR94307

**Gensler**

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SMALL OFFICE OF PROJECT:  
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SUITE C400  
TAMPA, FL 33602 USA  
Tel (813) 204-9000  
Fax (813) 222-0948

PROJECT NAME:  
**ALOMA AVE & TUSKAWILLA RD**

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

STORE #: 23308  
PROJECT #: 62233-050  
ISSUE DATE: 10/12/2023  
DESIGN MANAGER: LUCAS ALVAREZ -T.  
PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

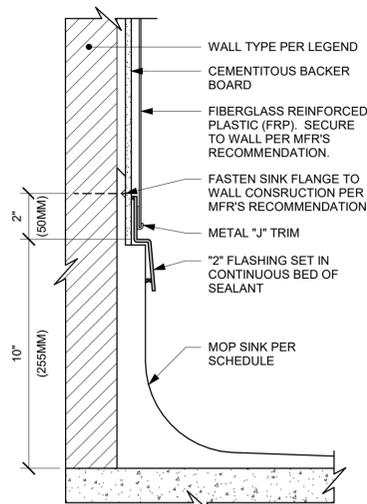
Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**FLOOR FINISH DETAILS**

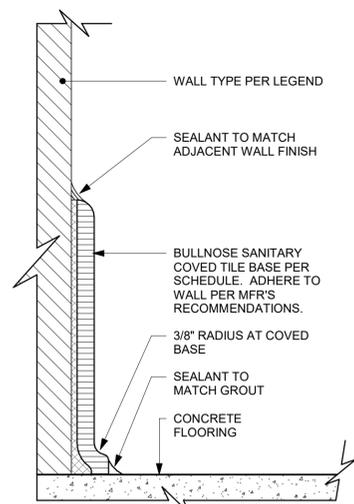
SCALE: AS SHOWN

SHEET NUMBER:  
**1506**

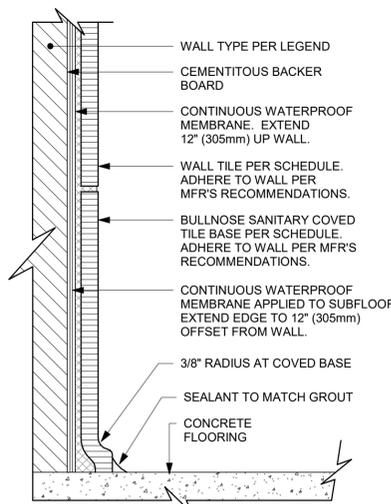
PERMIT SET - FOR CONSTRUCTION USE



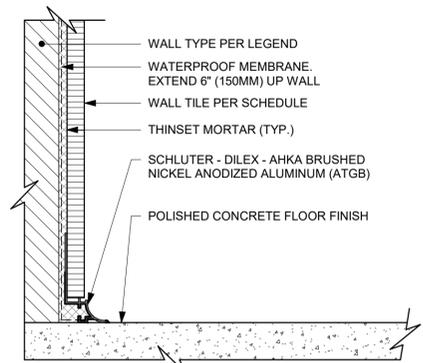
**01 MOP SINK WITH FLANGE**  
Scale: 3" = 1'-0"



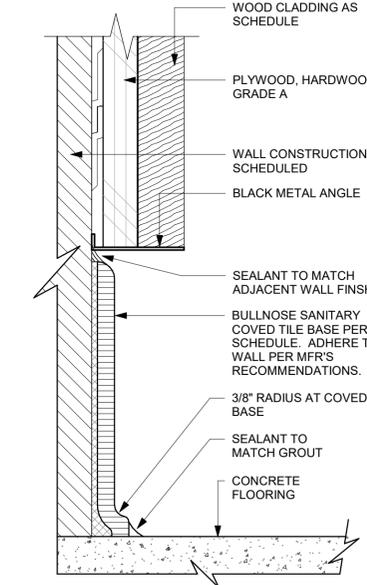
**02 TILE BASE AT WALL**  
Scale: 6" = 1'-0"



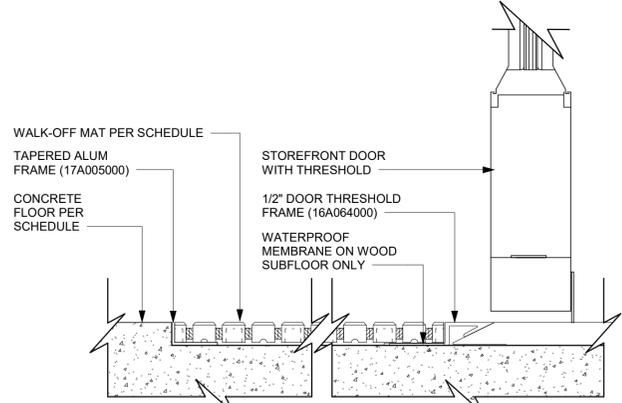
**03 INTEGRAL TILE BASE AT TILED WALL**  
Scale: 6" = 1'-0"



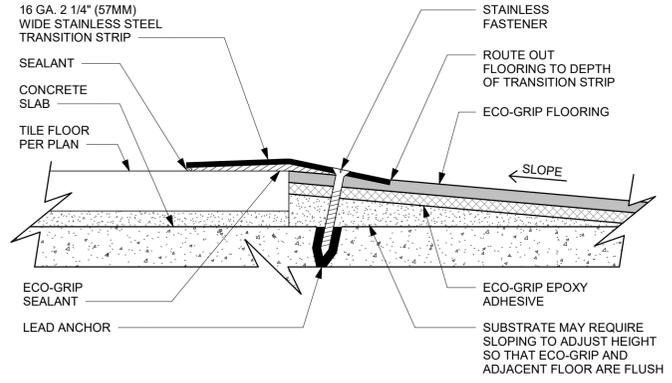
**04 WALL TILE TO CONCRETE FLOOR TRANSITION**  
Scale: 6" = 1'-0"



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



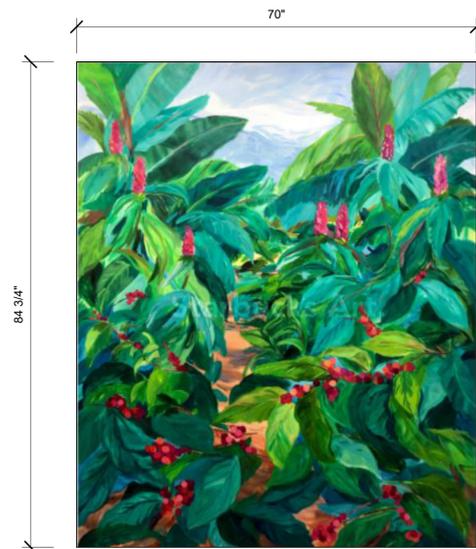
**06 WALK OFF MAT - HELIX**  
Scale: 6" = 1'-0"



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



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	3	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	



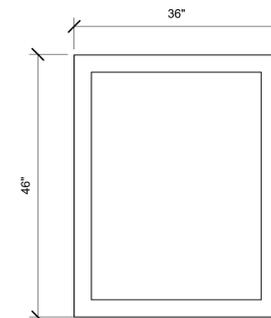
**X0501**  
DID: 22887  
TITLE: LUSH COLOMBIA 2



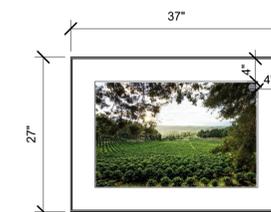
**X0502**  
DID: 22886  
TITLE: LUSH COLOMBIA 1



**X0503**  
DID: 22888  
TITLE: LUSH COLOMBIA 3



**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



**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"

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

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

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



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STARBUCKS TEMPLATE VERSION: i2023.04.24

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FL QUALIFIER'S LIC. NO. AR95686  
220 MONTGOMERY STREET, SUITE 200  
SAN FRANCISCO, CA 94104 USA  
SHEET TITLE OF THIS PROJECT: Tel: (813) 204-9000  
4021 N. ASHLEY DRIVE, Fax: (813) 222-6948  
SUITE C400  
TAMPA, FL 33602 USA

PROJECT NAME:  
**ALOMA AVE & TUSKAWILLA RD**

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

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PRODUCTION DESIGNER: GENSLER  
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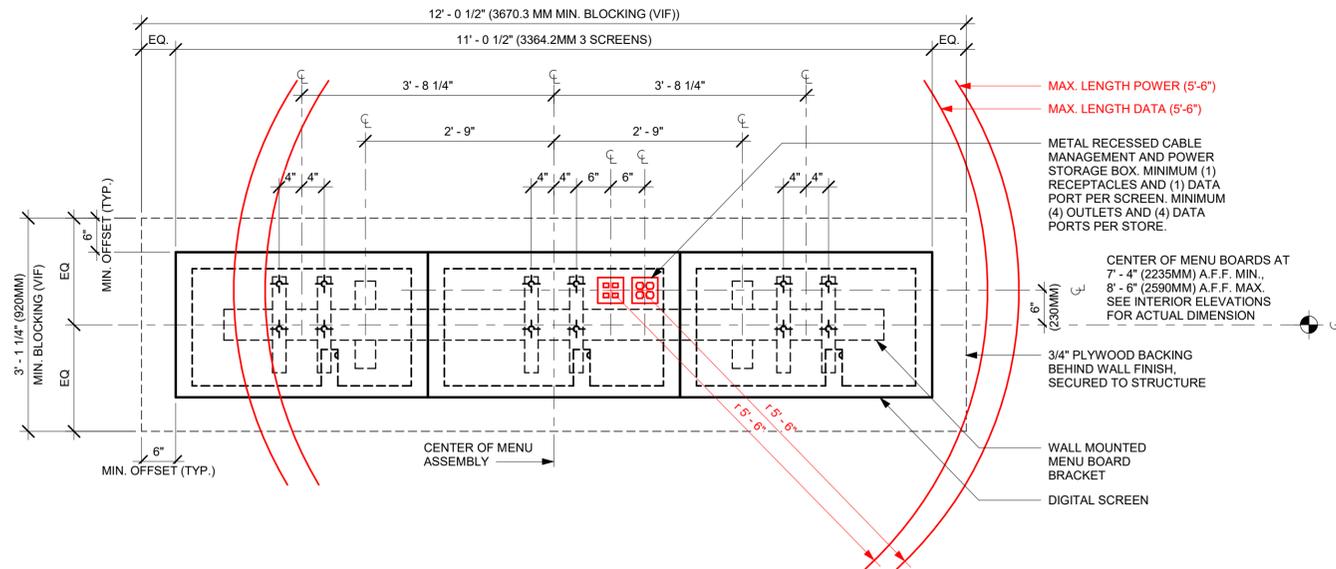
Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**ARTWORK DETAILS**

SCALE: AS SHOWN

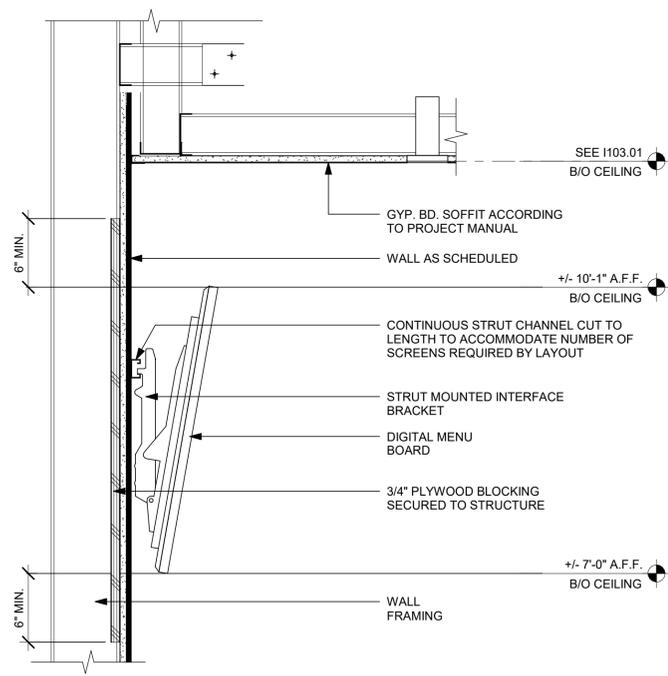
SHEET NUMBER:  
**1508**

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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 4020 N. ASHLEY DRIVE Fax: (813) 222-0948  
 SUITE C400  
 TAMPA, FL 33602 USA

PROJECT NAME:  
**ALOMA AVE & TUSKAWILLA RD**

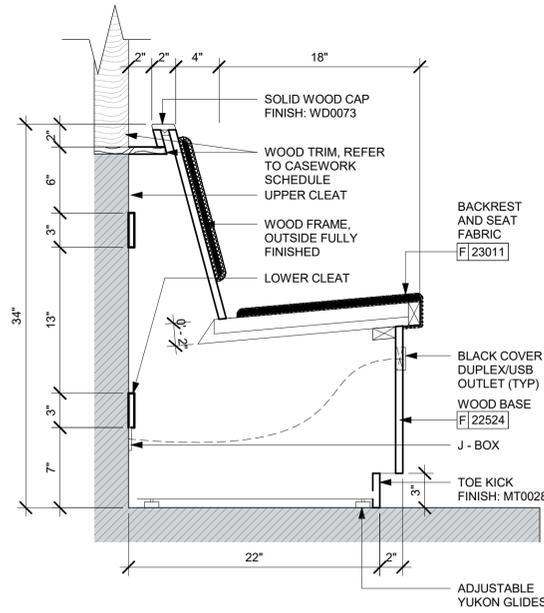
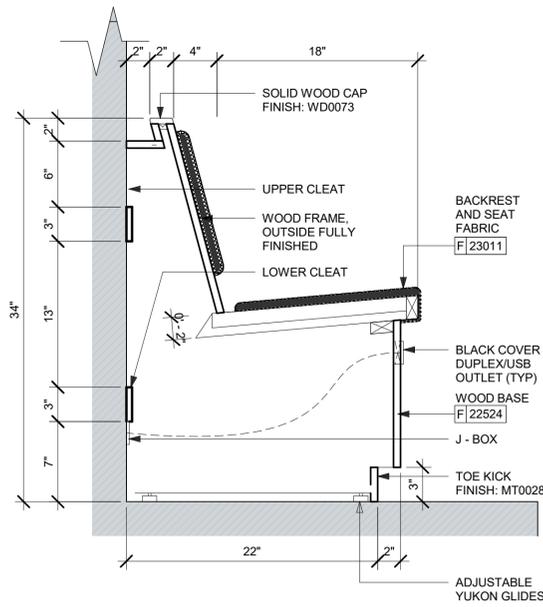
PROJECT ADDRESS:  
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STORE #: 23308  
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Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**MENU & SIGNAGE  
 DETAILS**  
 SCALE: AS SHOWN

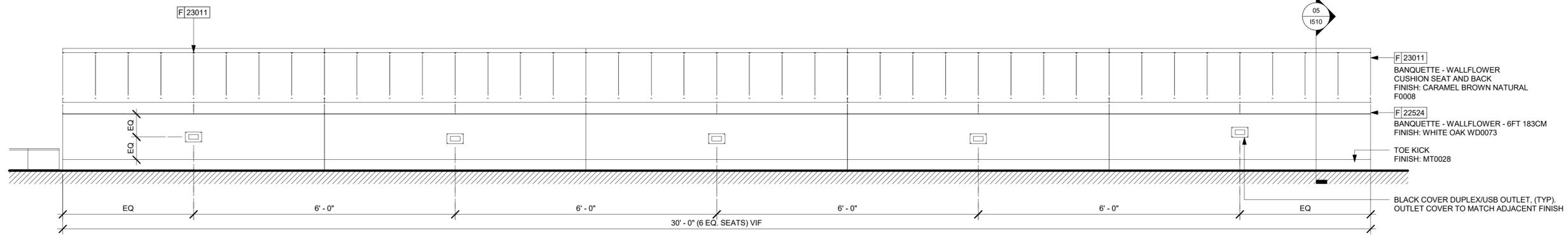
SHEET NUMBER:  
**1509**



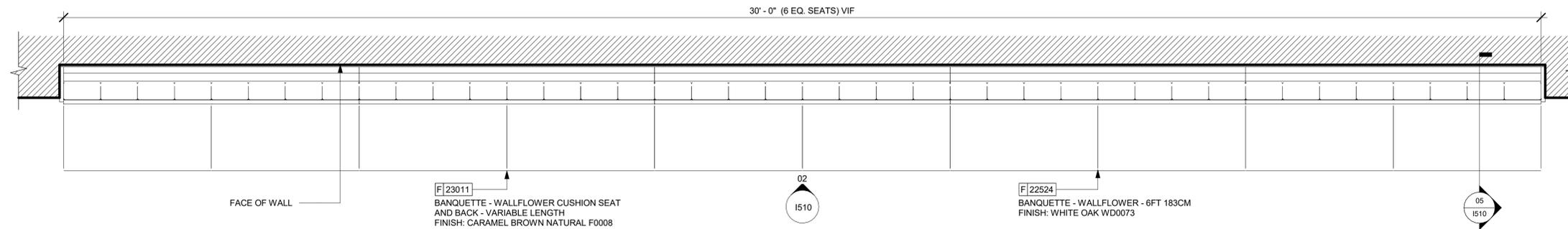
SECTION AT WOODWALL NICHE WITH WALL COVERING

NOTE:  
SHOP DRAWINGS TO BE APPROVED BY  
SB DESIGNER PRIOR FABRICATION.  
ELECTRICAL FLOOR OUTLET TO BE  
CENTERED PER SECTION (TYP.)

01 BANQUETTE - SECTION  
Scale: 1 1/2" = 1'-0"



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



03 BANQUETTE - FLOOR PLAN  
Scale: 3/4" = 1'-0"



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Revision Schedule				
Rev	Date	By	Description	
1	10/05/23		REV 1: COUNTY CYCLE 1	

SHEET TITLE:  
**FURNITURE DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:

1510

PERMIT SET - FOR CONSTRUCTION USE

CASEWORK SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
<b>CABINET</b>					
19281	2	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC	
21890	43	CABINET - SIDE PANEL	SB	GC	
21891	19	CABINET - BOTTOM SHELF - 15IN 380MM	SB	GC	
21892	15	CABINET - BACK PANEL - 15IN 380MM	SB	GC	
21893	12	CABINET - ADJUSTABLE SHELF - 15IN 380MM	SB	GC	
21894	16	CABINET - DOOR - 15IN 380MM	SB	GC	FINISH: M. BLACK MOTTLED (DID: CP0024)
21895	8	CABINET - DOOR TRASH - 15IN 380MM	SB	GC	FINISH: M. BLACK MOTTLED (DID: CP0024)
21896	2	CABINET - DRAWER - 15IN 380MM	SB	GC	FINISH: M. BLACK MOTTLED (DID: CP0024)
21898	2	CABINET - BOTTOM SHELF - 18IN 455MM	SB	GC	
21899	2	CABINET - BACK PANEL - 18IN 455MM	SB	GC	
21900	1	CABINET - ADJUSTABLE SHELF - 18IN 455MM	SB	GC	
21901	2	CABINET - DOOR - 18IN 455MM	SB	GC	FINISH: M. BLACK MOTTLED (DID: CP0024)
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	FINISH: M. BLACK MOTTLED (DID: CP0024)
21906	3	CABINET - END CAP FRONTBAR	SB	GC	
21907	5	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	FINISH: MOTTLED BLACK (DID: PL0019)
21910	1	CABINET - FRENCH CLEAT - VARIABLE LENGTH	SB	GC	LENGTH REQUIRED 30IN (V.I.F.)
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	FINISH: M. BLACK MOTTLED (DID: CP0024)
23395	1	CABINET - CBE MILK DISPENSE DOOR - 11IN 280MM	SB	GC	FINISH: M. BLACK MOTTLED (DID: CP0024)
23425	2	CABINET - WRM DOOR LOWERED COUNTER - 15IN 380MM	SB	GC	
<b>CAFE</b>					
20132	1	CONDIMENT WASTE AND RECYCLING CART THREE DROP - WHITE OAK AND BLACK WD0073 CP0005	SB	GC	NOT PROVIDED BY CASEWORK VENDOR.
20384	1	FREESTANDING STAIRSTEP 2 UNIT SHORT - LH - 72IN 1830MM - WHITE OAK WD0073	SB	GC	NOT PROVIDED BY CASEWORK VENDOR.
<b>COUNTERTOP</b>					
21918	1	COUNTERTOP - FILLER FRONTBAR - VARIABLE LENGTH	SB	GC	
21919	13	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	
21920	1	COUNTERTOP - FRONTBAR - 15IN 380MM	SB	GC	
21923	3	COUNTERTOP - END CAP FRONTBAR	SB	GC	
21925	5	COUNTERTOP - BACKBAR - 15IN 380MM	SB	GC	
21926	1	COUNTERTOP - BACKBAR - 18IN 455MM	SB	GC	
21927	1	COUNTERTOP - BACKBAR - 30IN 760MM	SB	GC	
21928	4	COUNTERTOP - END CAP BACKBAR	SB	GC	
22326	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	
22394	4	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	
22395	3	COUNTERTOP - HAND SINK LOW 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	
23427	1	COUNTERTOP - WRM LF - 78IN 1980MM	SB	GC	
X0001	1	COUNTERTOP - ESPRESSO BACKBAR - LF - 69IN 1755MM	SB	GC	
X0003	1	COUNTERTOP - DT LEDGE	SB	GC	FINISH: COMPOSITE BRUSHED WARM GREY (DID CP0091)
X0004	4	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	
X0005	2	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	
<b>DIEWALL</b>					
21885	23	DIEWALL - FRAMING - VARIABLE LENGTH	SB	GC	
21886	7	DIEWALL - BASE - VARIABLE LENGTH	SB	GC	
21887	4	DIEWALL - SUBSTRATE PANEL - VARIABLE LENGTH	SB	GC	
21888	55	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	
<b>OTHER</b>					
11155	2	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 255X255MM	SB	GC	
21914	10	FRIDGE STOP BRACKET SET	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.
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.
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	6	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	1	IMPULSE FIXTURE - FLAT BLACK POWDERCOATED MT0028	SB	GC	REFER TO DETAIL I503. TO BE PROVIDED BY CASEWORK VENDOR.
<b>PANEL</b>					
21933	5	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	

CASEWORK FINISH SCHEDULE					
ENGINE ZONE	MATERIAL DESCRIPTION	FINISH CODE	COMMENTS		
<b>COMPOSITE - DOVE</b>					
COUNTERTOPS - BACKBAR	COMPOSITE - DOVE	CP0091			
COUNTERTOPS - ESPRESSO	COMPOSITE - DOVE	CP0091			
COUNTERTOPS - ESPRESSO SHROUD	COMPOSITE - DOVE	CP0091			
COUNTERTOPS - FRONTBAR	COMPOSITE - DOVE	CP0091			
COMPOSITE - MATTE BLACK MOTTLED PAPER					
CABINETS - EXTERIOR	COMPOSITE - MATTE BLACK MOTTLED PAPER	CP0024			
<b>METAL - FLAT BLACK POWDERCOAT</b>					
CABINETS - UPPER	METAL - FLAT BLACK POWDERCOAT	MT0028			
FRAMING AND HARDWARE	METAL - FLAT BLACK POWDERCOAT	MT0028			
<b>METAL - STAINLESS STEEL - BRUSHED</b>					
CABINETS - UNDERCOUNTER ICE BIN	METAL - STAINLESS STEEL - BRUSHED	#4 BRUSHED 16GA			
COUNTERTOPS - HAND SINK	METAL - STAINLESS STEEL - BRUSHED	#4 BRUSHED 16GA			
FRAMING AND HARDWARE	METAL - STAINLESS STEEL - BRUSHED	#4 BRUSHED 16GA			
<b>PLAM - MOTTLED BLACK</b>					
CABINETS - DT POS CUBBY	PLAM - MOTTLED BLACK	PL0019			
CABINETS - UPPER	PLAM - MOTTLED BLACK	PL0019			
<b>PLASTIC - BLACK HDPE</b>					
CABINETS - INTERIOR	PLASTIC - BLACK HDPE	PL0044			
<b>WOOD - WHITE OAK - GROOVED - VERTICAL WD0073 - MAD 400</b>					
CABINETS - SOFFIT	WOOD - WHITE OAK - GROOVED - VERTICAL WD0073 - MAD 400	WD0073 MAD-400			
CABINETS - UPPER	WOOD - WHITE OAK - GROOVED - VERTICAL WD0073 - MAD 400	WD0073 MAD-400			
<b>WOOD - WHITE OAK - ROUNDED SLAT - VERTICAL</b>					
FINISH PANELS - FRONTBAR	WOOD - WHITE OAK - ROUNDED SLAT - VERTICAL	WD0073 MAD200-V			
<b>FURNITURE SCHEDULE - "F"</b>					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
<b>BANQUETTE</b>					
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
<b>CHAIR</b>					
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
<b>DESK</b>					
TK0053	1	DESK - MANAGERS WORKSTATION SHELVES - 48IN 1220MM	SB	GC	
TK0076	1	DESK - MANAGERS WORKSTATION - 48X24X27IN 1220X610X685MM	SB	GC	
<b>MIRROR</b>					
14350	2	MIRROR - RESTROOM ANGLED - 18X36IN 455X915MM	SB	GC	
TK0050	1	MIRROR - BOH	SB	GC	
<b>OTHER</b>					
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
<b>SIGNAGE - OTHER</b>					
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC	
23376	1	SIGN - PICK UP SINGLE SIDED ILLUM INTERIOR SUSPENDED FIXED	SB	GC	
<b>STORAGE</b>					
TK0078	1	FILE MOBILE PEDESTAL WITH CUSHION AND LOCK	SB	GC	
TK0079	1	MANAGERS DESK CART - 24X20IN 610X510MM	SB	GC	
<b>TABLE</b>					
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.

GRAPHICS AND ARTWORK SCHEDULE - "G"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
<b>GRAPHICS - ARTWORK</b>					
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
<b>GRAPHICS - OTHER</b>					
23136	1	AUTOMATIC DOOR CAUTION SIGNAGE	SB	GC	
X0504	1	COMMUNITY BOARD MAGNETIC MED WARM BROWN WD0004 - 46X36IN 1170X915MM	SB	GC	
X0802	3	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.
<b>MIRROR</b>					
14350	2	MIRROR - RESTROOM ANGLED - 18X36IN 455X915MM	SB	GC	
TK0050	1	MIRROR - BOH	SB	GC	
<b>SIGNAGE - OTHER</b>					
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC	
23376	1	SIGN - PICK UP SINGLE SIDED ILLUM INTERIOR SUSPENDED FIXED	SB	GC	
<b>SPECIALTY EQUIPMENT SCHEDULE - "E"</b>					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
<b>COOLING</b>					
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
<b>EQUIPMENT</b>					
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	
23380	1	BREWER CLOVER VERTICA INSTALL KIT	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	
<b>FOOD CASE</b>					
16238	1	FOOD CASE - ZEPHYR - 66IN 1675MM	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 ALUMINUM.	
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	93' - 0"	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	255' - 9"	POLYVINYL FLOOR TILE - ECOGRIP - PEWTER	GC	GC		
TRANSITION BASE						
X1302	34' - 0"	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						
19047	4	LED EXIT SIGN WITH EMERGENCY LIGHT - BLACK AND GREEN	SB	GC	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	57	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 - 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	

WALL TREATMENT (AREA) SCHEDULE - "Q"						
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
TILE						
20227	835 SF	TILE - I COCCI - CEMENTO - 6X24IN 150X600MM	SB	GC	GROUT: MAPEI - 47 CHARCOAL, OR EQUAL	
20249	1289 SF	TILE - COLOR STUDIO - SAGE - SQUARE MOSAIC - 12X12IN 300X300MM SHEET	SB	GC	GROUT: MAPEI - 11 SAHARA BEIGE, OR EQUAL	
WALL COVERING						
11469	1539 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	
WOOD						
X1402	118 SF	WOOD - WHITE OAK - GROOVED - VERTICAL WD0073 - MAD 400	SB	GC		

BARRIER FREE EXTERIOR DOOR HARDWARE SCHEDULE - "D"						
DESIGN ID	COUNT	MARK	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
23130	1	04	DOOR - BARRIER FREE HARDWARE ACTUATOR BOLLARD	SB	GC	GC TO COORD. INSTALL & CABLING WITH SB VENDOR. GC ORDER FROM LOCKNET - SBUXTEAM@LOCKNET.COM.
23129	1	17	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 SCHEDULE - "D"								
DESIGN ID	MARK	DESCRIPTION	WIDTH	HEIGHT	HARDWARE SET	FURN. BY	INST. BY	COMMENTS
EXTERIOR EXISTING								
10449	E1	EXISTING DOOR - STOREFRONT METAL FRAME DOUBLE - TYPE A	6' - 0"	7' - 0"	EXIST (A)	LL	LL	REFER TO A602 FOR EXISTING HARDWARE INFORMATION.
10205	E2	EXISTING DOOR - STOREFRONT METAL FRAME SINGLE - TYPE B	3' - 0"	7' - 0"	EXIST (A)	LL	LL	REFER TO A602 FOR EXISTING HARDWARE INFORMATION.
21147	E3	EXISTING DOOR - SINGLE FLUSH - REAR SERVICE - TYPE E	3' - 6"	7' - 0"	EXIST (B)	LL	LL	REFER TO A602 FOR EXISTING HARDWARE INFORMATION.
INTERIOR NEW								
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
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

FLOOR TREATMENT SCHEDULE - "T"						
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
CONCRETE						
X1600	1300 SF	CONCRETE - POLISHED	GC	GC		
OTHER						
19288	36 SF	WALK OFF MAT - HELIX Z1 - BLACK - 12X9IN 305X230MM	GC	GC	PAINT CONCRETE FLOOR UNDER WALK-OFF MAT WITH BLACK PAINT.	
PLASTIC						
19795	1044 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		

CEILING TREATMENT SCHEDULE - "U"						
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
19734	174 SF	ACT - ULTIMA - 2X2FT 61X61CM	GC	GC	FACTRY FINISH TO MATCH PAINT FINISH SW-7032 WARM STONE; FOR ORDERING CONTACT DEB PICKENS AT DLPICKENS@ARMSTRONGCEILING.COM .PH: 480-695-9053	
22764	891 SF	ACT - CIRRUS BEVELED SUPRAFINE PAINTED - 2X4FT 61X122CM	SB	GC	PROVIDED BY: ARMSTRONG-FACORY 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	367 SF	ACT - WHITE - 2X4FT 61X122CM	GC	GC	FINISH TO MATCH EXISTING.	

DATA DEVICE SCHEDULE - "A"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
AUDIO VISUAL						
10005	1	MUSIC SYSTEM	SB	GC		
10012	1	DT COMMUNICATION SYSTEM	SB	GC		
10013	7	DT QUEUE CAMERA	SB	GC	GC TO COORD. W/ SB VENDOR.	
10015	8	SPEAKER RECESSED - WHITE	SB	GC	GC TO INSTALL AND TEST SYSTEM.	
12336	1	DT TIMER SYSTEM	SB	GC		
19339	1	AMPLIFIER - 40W	SB	GC		
22549	4	SPEAKER GRILLE RECESSED - BLACK	SB	GC	GC TO INSTALL AND TEST SYSTEM.	
22725	1	DT DIGITAL PRODUCTION MONITOR	SB	GC	PART OF RETAIL IT EQUIPMENT PACKAGE	
22726	1	DT POS MONITOR ARM TRIPLE SURFACE MOUNTED	SB	GC	PART OF RETAIL IT EQUIPMENT PACKAGE	
DATA						
10002	1	COMPUTER MANAGER WORKSTATION	SB	GC		
10007	1	PRINTER MANAGER WORKSTATION	SB	GC		
18744	1	EQUIPMENT RACK WITH LOCK - 24IN 610MM	SB	GC		
20294	4	IOT MODULE	SB	GC		
GRAPHICS - INTERIOR MENU						
22970	3	MENU BOARD - DIGITAL MENU BOARD - 44X25.25IN 1121X644MM - BLACK	SB	GC	GC TO COORD. INSTALL & CABLING WITH SB VENDOR.	
22971	3	MENU BOARD - DIGITAL MENU BOARD MOUNTING BRACKET SINGLE SCREEN - BLACK	SB	GC	GC TO INSTALL BRACKET AND ASSOCIATED BLOCKING.	
POINT OF SALE						
10008	2	POS - REGISTER WITH COMPACT CASH DRAWER	SB	GC		
10014	3	POS PRINTER	SB	GC		
10022	1	MONEY COUNTER	SB	GC		
10029	6	POS BANK	SB	GC		
10075	4	CUP LABELER	SB	GC		
14677	1	POS - DT TENDERING REGISTER	SB	GC	PART OF RETAIL IT EQUIPMENT PACKAGE	
14678	1	POS - DT EXPEDITOR	SB	GC	PART OF RETAIL IT EQUIPMENT PACKAGE	
SECURITY						
10024	1	SAFE LH - 20X18X26IN 510X455X660MM	SB	GC		
10028	1	SAFE BASE	SB	GC		

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 GPH-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	13	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	13	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	1	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		



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STARBUCKS TEMPLATE VERSION: i2023.04.24

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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: 10/12/2023  
DESIGN MANAGER: LUCAS ALVAREZ -T.  
PRODUCTION DESIGNER: GENSLER  
CHECKED BY: GENSLER

Revision Schedule			
Rev	Date	By	Description
1	10/05/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**INTERIOR FINISHES  
SCHEDULES**  
SCALE: AS SHOWN

SHEET NUMBER:  
**1602**

PERMIT SET - FOR CONSTRUCTION USE

## STRUCTURAL NOTES

### 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 elements.

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#

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.

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:

- 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.
- 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.
- The electronic data is current as of the date of transfer but may subsequently be revised or supplemented. If so, then the Contractor may request updated electronic data.
- 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.
- Do not scale dimensions since the electronic data may not be precise and, in some cases, have been intentionally altered for presentation purposes.
- 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 Termite protection shall be provided by a Registered Termiteicides, 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	Mid-Depth	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. 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.

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 355.2 and ICC-ES AC193. Pre-approved anchors include Hilti 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 355.2 and ICC-ES AC193. Pre-approved anchors include the 1/4" Hilti KH-EZ and the 1/4" 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 355.4 and ICC-ES AC308. Pre-approved standard cure time adhesives include Hilti RE500v3, 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.



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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	Date	By	Description

SHEET TITLE:  
**STRUCTURAL NOTES**

SCALE: AS SHOWN

SHEET NUMBER:

**S1.00**



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

PERMIT SET - FOR CONSTRUCTION USE

# 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 MULTPLIER	0.60 MULTPLIER	0.42 MULTPLIER
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)*	Exposure Class*
Slab on Grade	3500	N	1"	0.60	S0

\* 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 percentage, 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.

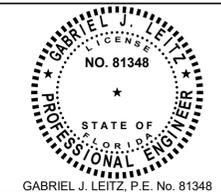


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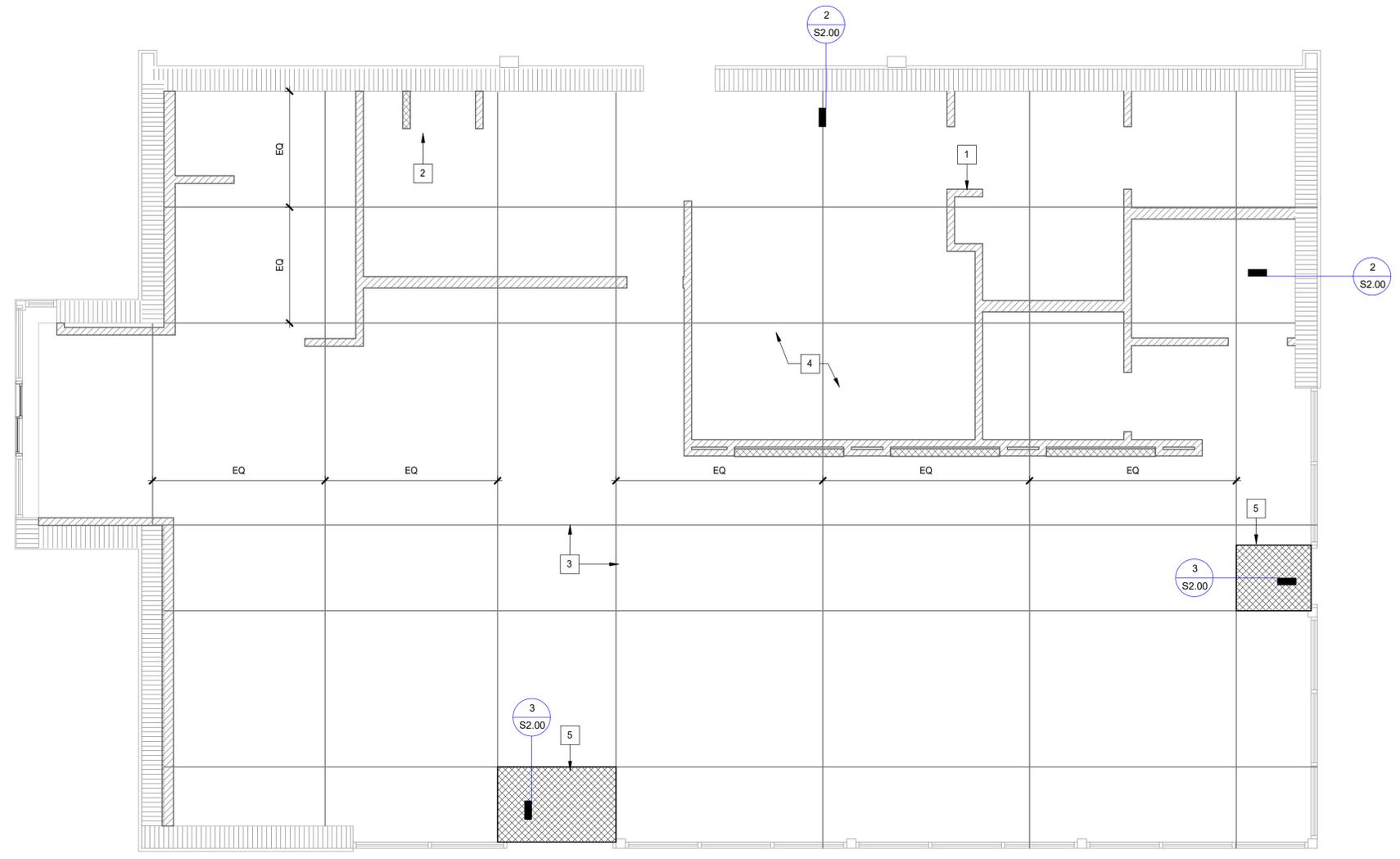
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**STRUCTURAL PLAN SPECIFICATIONS**  
SCALE: AS SHOWN

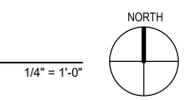
SHEET NUMBER:  
**S1.01**



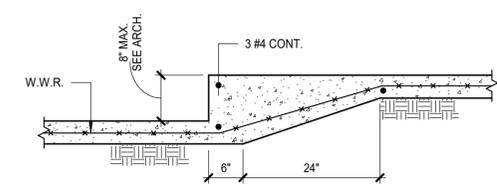
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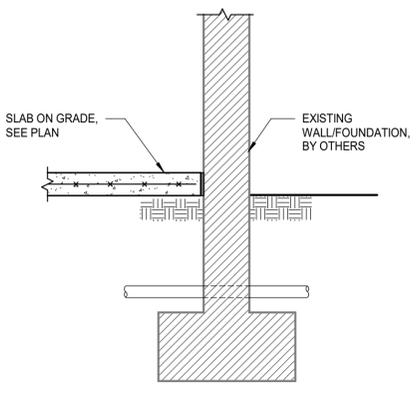
**FIRST LEVEL**



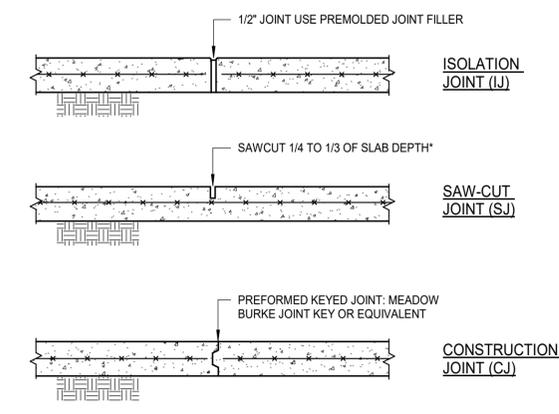
- PLAN KEYNOTES:**
- 1 INTERIOR LIGHT GAUGE STUDS PER S3.01. SEE ARCH FOR WIDTH AND HEIGHT
  - 2 RAISED WATER HEATER, SEE S3.00.
  - 3 CONTROL JOINTS, SEE 1/S2.00.
  - 4 4\"/>



**3 TYPICAL SLAB STEP DETAILS**  
3/4\"/>



**2 WALL FOOTING DETAIL AT EXTERIOR**  
3/4\"/>



\*PROVIDE SEALANT WHERE REQUIRED BY ARCHITECT SAWCUT AS SOON AS POSSIBLE AFTER CONCRETE HARDENS. SAW CUTTING MUST BE COMPLETE WITHIN 8 HRS. AFTER POURING.

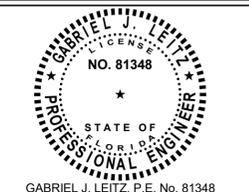
**1 SLAB ON GRADE CONTROL JOINTS**  
3/4\"/>



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**PERMIT SET - FOR CONSTRUCTION USE**

PROJECT NAME:  
**ALOMA AVE & TUSKAWILLA RD**

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

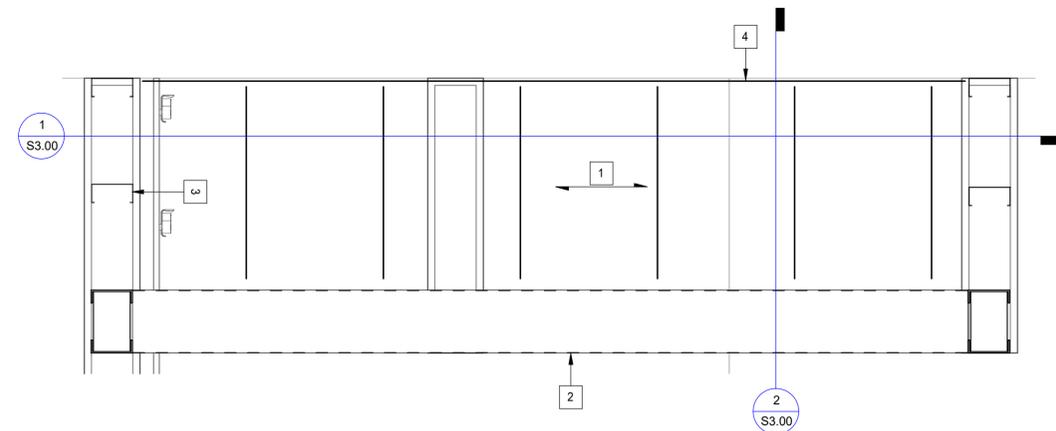
STORE #: 23308  
PROJECT #: 62233-050  
ISSUE DATE: 09/01/2023  
DESIGN MANAGER: HT  
PRODUCTION DESIGNER: RV  
CHECKED BY: AP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**SLAB ON GRADE PLAN & DETAILS**  
SCALE: AS SHOWN

SHEET NUMBER:  
**S2.00**

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Tel. (214) 432-8232  
Gabriel J. Leitz, P.E. FL Reg. No. 81348  
To the best of the Structural Engineer's knowledge, the Plans and Specifications comply with the applicable minimum building codes.

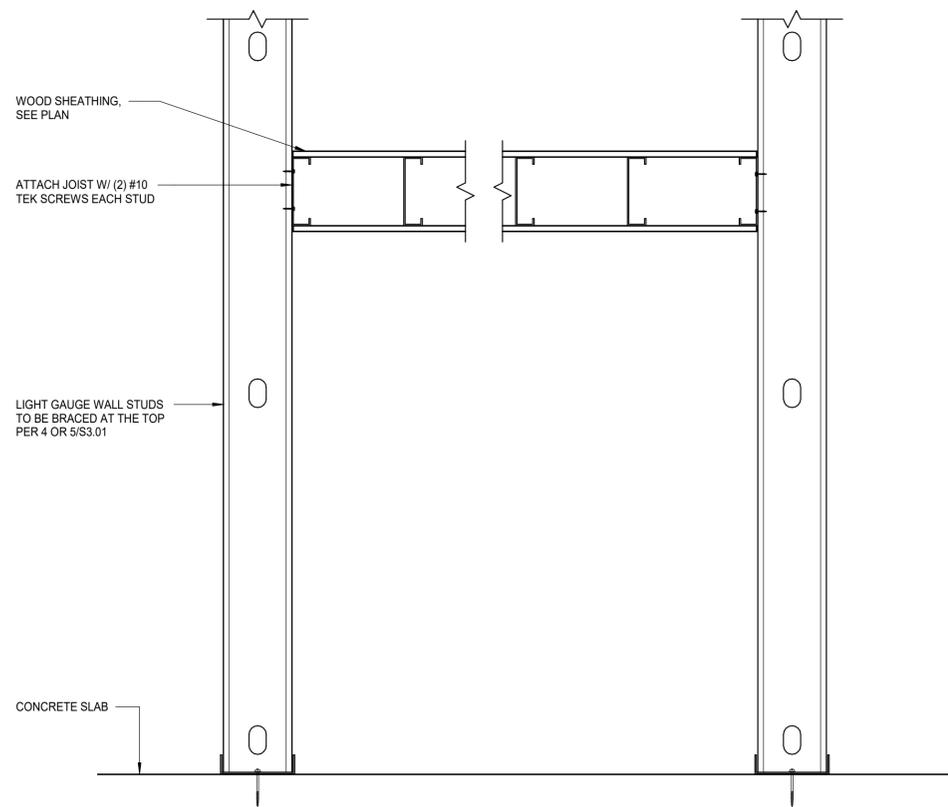


**WATER HEATER PLATFORM PLAN**

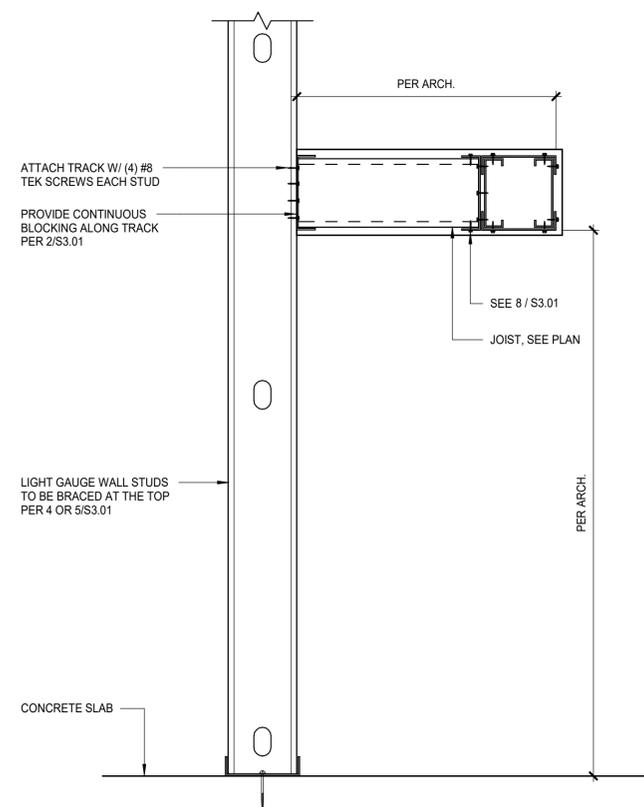
1 1/2" = 1'-0"

**PLAN KEYNOTES:**

- 1 3/4" FRT WOOD SHEATHING ATTACHED TO 600S137-68 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 600S137-68 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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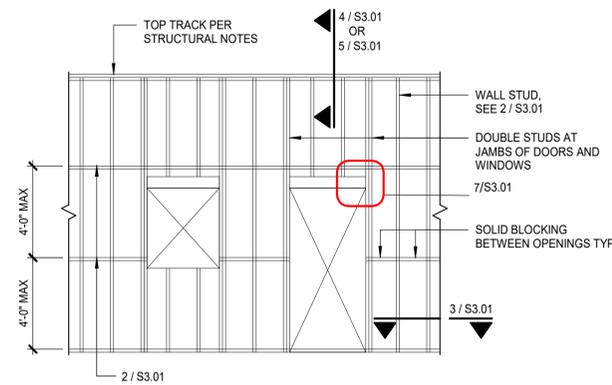
Revision Schedule			
Rev	Date	By	Description

**SHEET TITLE:**  
LIGHT GAUGE PLAN & DETAILS  
**SCALE:** AS SHOWN

**SHEET NUMBER:**  
S3.00

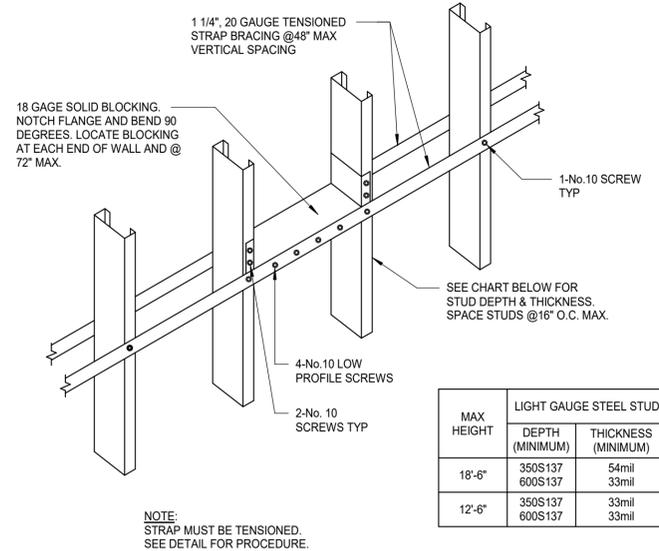
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**1** TYPICAL LIGHT GAGE WALL FRAMING

1 1/2" = 1'-0"

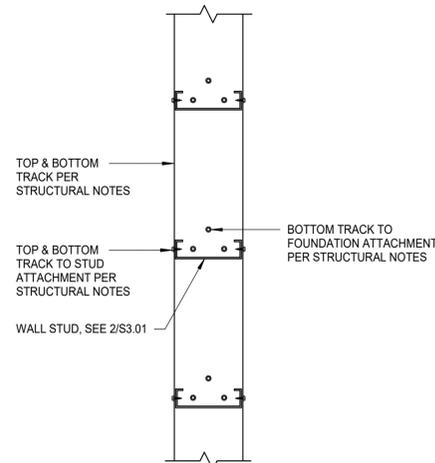


**2** INTERIOR STUD WALL HORIZONTAL BRIDGING

1 1/2" = 1'-0"

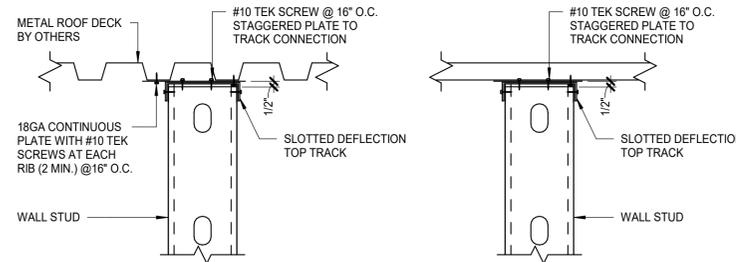
MAX HEIGHT	DEPTH (MINIMUM)	THICKNESS (MINIMUM)
18'-6"	350S137 600S137	54mil 33mil
12'-6"	350S137 600S137	33mil 33mil

NOTE: STRAP MUST BE TENSIONED. SEE DETAIL FOR PROCEDURE.



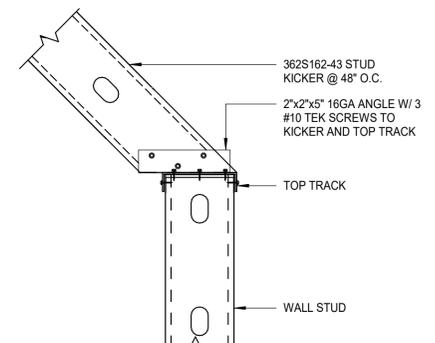
**3** LIGHT GAGE STEEL TRACK CONNECTION PLAN VIEW

1 1/2" = 1'-0"



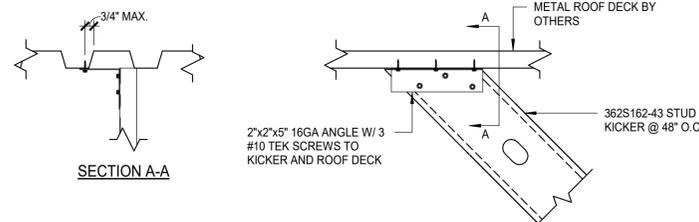
**4** TOP OF INTERIOR WALL NON-LOAD BEARING TO ROOF DECK

1 1/2" = 1'-0"



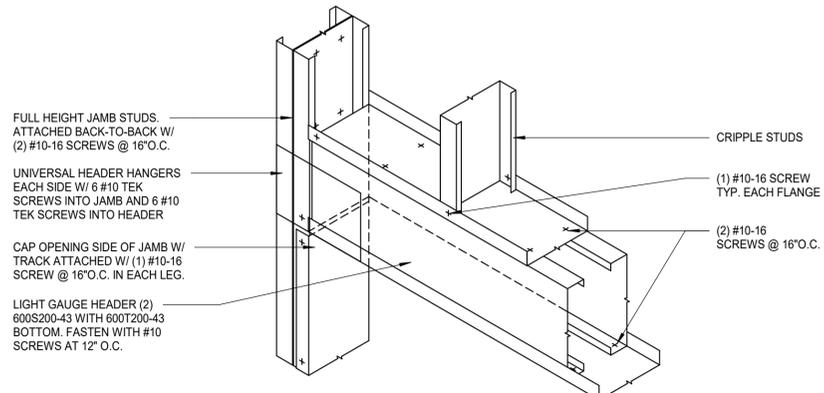
**5** LIGHT GAGE KICKER CONNECTION AT TOP OF WALL FRAMING

1 1/2" = 1'-0"



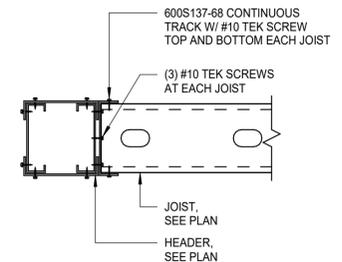
**6** LIGHT GAGE KICKER CONNECTION AT BOTTOM OF ROOF FRAMING

1 1/2" = 1'-0"



**7** LIGHT GAGE HEADER

3/4" = 1'-0"



**8** JOIST TO HEADER ATTACHMENT

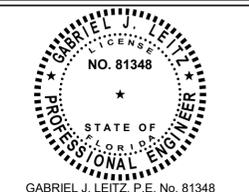
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**LIGHT GAGE DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:  
**S3.01**

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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
Ⓢ <sub>3</sub>	THREE-WAY SWITCH	Ⓞ	RECEPTACLE: QUAD
Ⓢ <sub>M</sub>	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.

**BUILDING DEPARTMENT NOTES**

WITHIN 30 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE, RECORD DRAWINGS OF THE ACTUAL INSTALLATION SHALL BE PROVIDED TO THE BUILDING OWNER, INCLUDING 1. A SINGLE LINE DIAGRAM OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM AND 2. FLOOR PLANS INDICATING LOCATION AND AREA SERVED FOR ALL DISTRIBUTION.

AN OPERATING MANUAL AND MAINTENANCE MANUAL TO BE PROVIDED TO THE BUILDING OWNER. THE MANUALS SHALL INCLUDE, AT A MINIMUM, THE FOLLOWING: 3. SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE, 4. OPERATION MANUALS AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED. 5. NAMES AND ADDRESSES OF AT LEAST ONE QUALIFIED SERVICE AGENCY.

PRIOR TO PASSING FINAL INSPECTION, THE REGISTERED DESIGN PROFESSIONAL SHALL PROVIDE EVIDENCE THAT THE LIGHTING CONTROL SYSTEMS HAVE BEEN TESTED TO ENSURE THAT CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND THE MANUFACTURER'S INSTRUCTIONS. FUNCTIONAL TESTING SHALL BE IN ACCORDANCE WITH SECTIONS C408.3.1.1 AND C408.3.1.3 FOR THE APPLICABLE CONTROL TYPE.

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

**ALL DATA OUTLETS AND QUADS MUST BE ISOLATED GROUND TYPE.**

**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 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 AGENT (SEE TESTING, ADJUSTING AND BALANCING) AFTER THE SYSTEM IS VERIFIED TO BE COMPLETE AND CORRECT BY STARBUCKS CXA, IN ACCORDANCE WITH THE REQUIREMENTS OF THESE DOCUMENTS. ALL HVAC CONTROL SYSTEMS SHALL BE TESTED TO ENSURE THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH THESE PLANS AND PROJECT MANUAL. SEQUENCES OF OPERATION SHALL BE TESTED TO ENSURE THAT THEY OPERATE IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS. DELIVERABLES: PRELIMINARY, WRITTEN TESTING AND AIR BALANCE REPORT CONFORMING TO THE REQUIREMENTS SPECIFIED HEREIN, DOCUMENTING THE INFORMATION SPECIFIED, ETC. TO THE STARBUCKS CXA IMMEDIATELY UPON COMPLETION OF THE WORK.
  - 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 LABELS, 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](mailto: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 SWITCHES ON WALLS OR PARTITIONS 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, UL, 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.

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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
1	10/12/23	CJF	REV 1: COUNTY CYCLE 1
		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 Tuskawilla  
Alteration

Construction Site: 3645 Aloma Ave, Oviedo, Florida 32765  
Owner/Agent: Starbucks, 2401 Utah Ave. S, Seattle, Washington 98134, (206)318-1575  
Designer/Contractor: M-Engineering, 750 Brookside Blvd, Westerville, Ohio 43081, (614)839-4639

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft <sup>2</sup> )	C Allowed Watts / ft <sup>2</sup>	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 Watt.	D Fixture Watt.	E (C X D)
<b>Restrooms (Common Space Types: Restrooms, 183 sq.ft.)</b>				
LED: 22149: LED Downlight: Other:	1	8	16	128
LED: LED Sconce: Other:	1	2	20	40
<b>Seating Area (Common Space Types: Dining Area - Bar Lounge/Leisure, 1082 sq.ft.)</b>				
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
<b>Bar &amp; Workroom (Common Space Types: Food Preparation, 1266 sq.ft.)</b>				
LED: 22149: LED Downlight: Other:	1	34	16	544
LED: 15057: LED 2x4: Other:	1	6	40	240
<b>Manager Office (Common Space Types: Office - Enclosed, 83 sq.ft.)</b>				
LED: 22149: LED Downlight: Other:	1	3	16	48
<b>Partner Area (Common Space Types: Lounge/Breakroom, 117 sq.ft.)</b>				
LED: 22149: LED Downlight: Other:	1	6	16	96
Total Proposed Watts =				2440

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

Section # & Req. ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
8.4.2 [EL1]²	At least 50% of all 125 volt 15- and 20-Amp receptacles are controlled by an automatic control device.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Space type is not private office, open office, or computer classroom.
8.4.3 [EL1]²	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 type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Buildings 25,000 ft <sup>2</sup> .
9.4.1.1 [EL1]²	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 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]²	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Remote locations permitted for safety or security if used with a clearly labeled indicator pilot light.
9.4.1.1 [EL13]²	Daylight areas under skylights and roof monitors that have more than 150 W combined input power for general lighting are controlled by photoccontrols.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
9.4.1.3 [EL4]²	Separate lighting control devices for specific uses installed per approved lighting plans.	<input 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]²	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input 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:

Project Title: Starbucks Aloma and Tuskawilla Report date: 08/18/23  
Data filename: Page 4 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 Tuskawilla Report date: 08/18/23  
Data filename: Page 2 of 5

Section # & Req. ID	Final Inspection	Complies?	Comments/Assumptions
8.7.1 [F16]²	Furnished as-built drawings for electric power systems within 30 days of system acceptance.	<input 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]²	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input 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]²	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input 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]²	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 type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Lighting is controlled by dimmers or automatic control devices.

Additional Comments/Assumptions:

Project Title: Starbucks Aloma and Tuskawilla Report date: 08/18/23  
Data filename: Page 5 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]²	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 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]²	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 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 Tuskawilla Report date: 08/18/23  
Data filename: Page 3 of 5

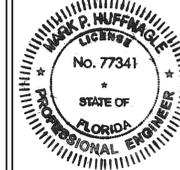
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STARBUCKS TEMPLATE VERSION: i2021.10.22



M Consultants, LLC  
750 Brookside Blvd.  
Westerville, Ohio 43081  
phone: 614.839.4639  
fax: 614.839.2222

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: J.GEARY  
CHECKED BY:

Revision Schedule			
Rev	Date	By	Description
1	10/12/23	JWG	REV 1: COUNTY CYCLE 1
		JWG	

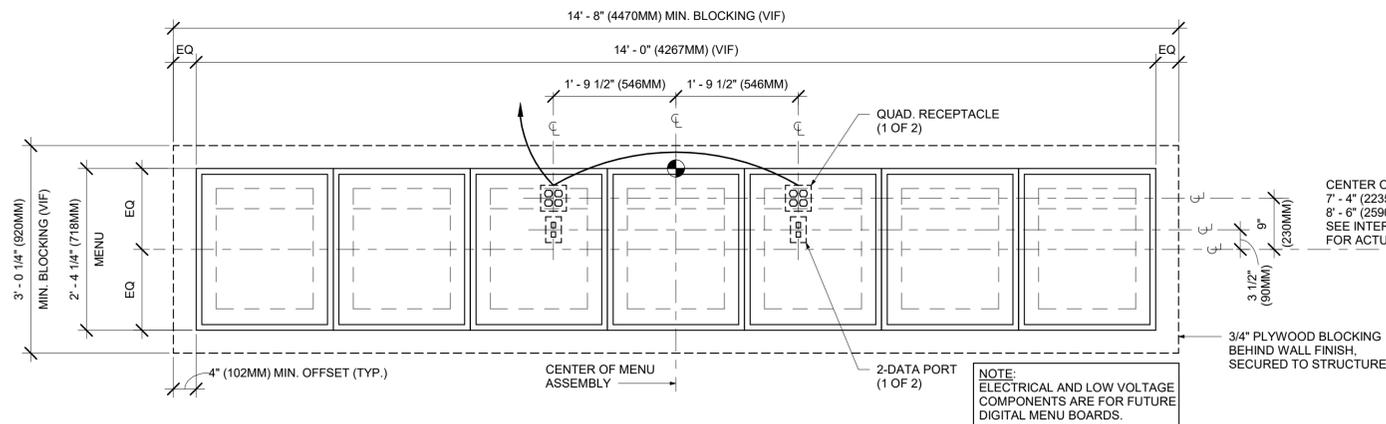
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ENERGY CALCULATIONS

SCALE: AS SHOWN

SHEET NUMBER:  
E003

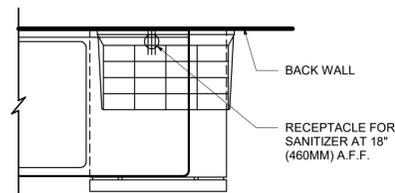






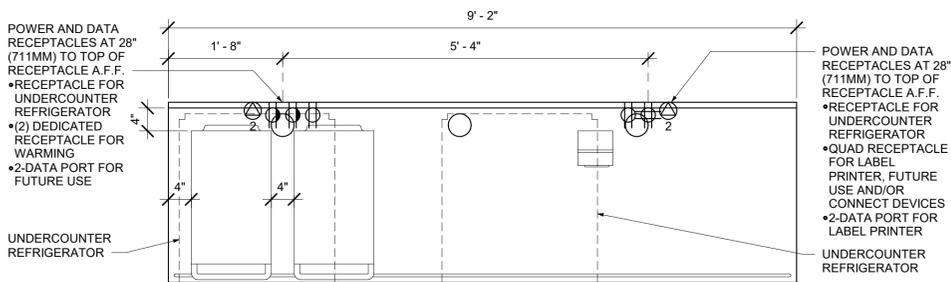
4 INFRASTRUCTURE FOR FUTURE DIGITAL MENU BOARDS

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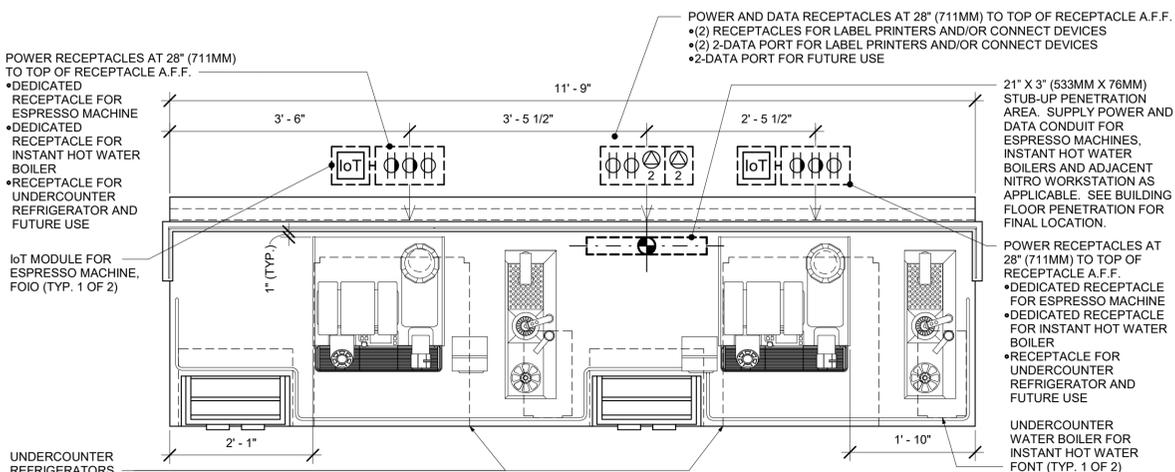
3 SANITIZING WORKSTATION - ELECTRICAL

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2 DTW-E-WRM 16-03 ELECTRICAL

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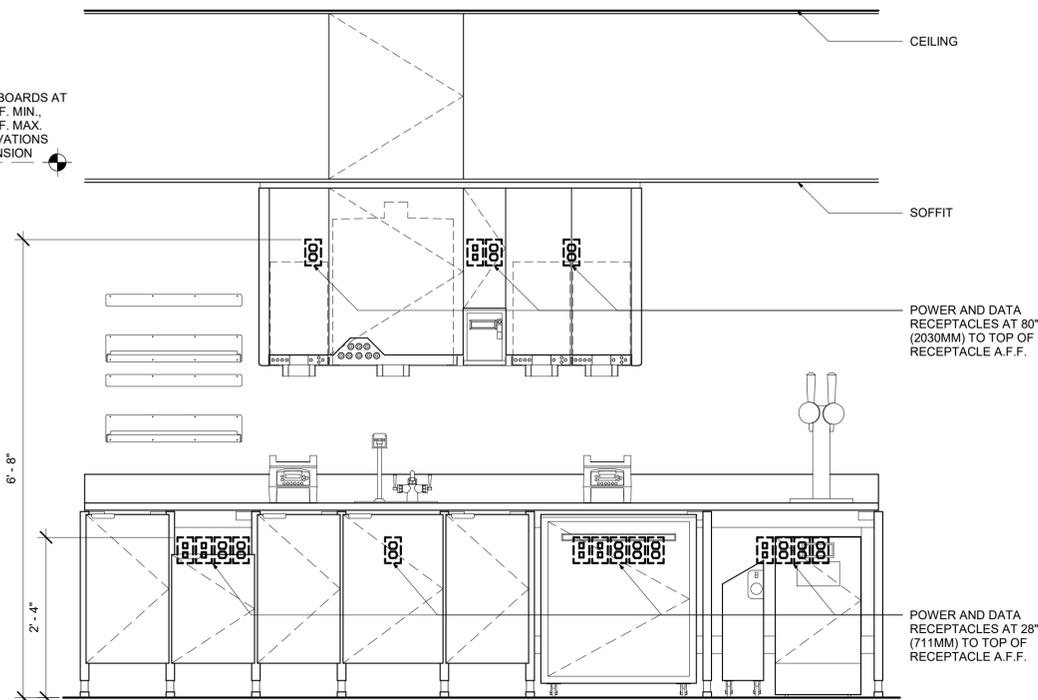


1 ESP 05-02 ELECTRICAL

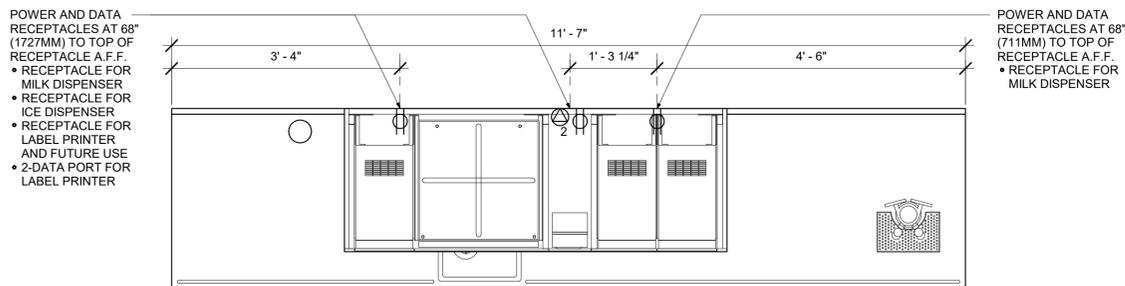
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ALL RECEPTACLES IN BEVERAGE/PREP AREA SHALL BE GFCI PER NEC 210-8(B).

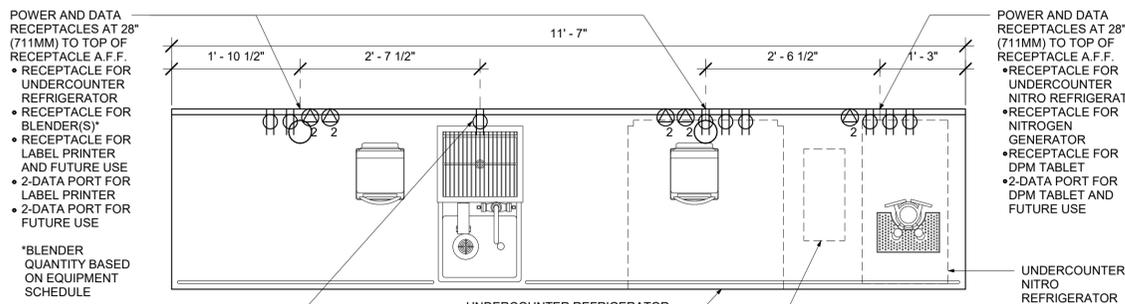
ALL DATA OUTLETS AND QUADS MUST BE ISOLATED GROUND TYPE.



ELEVATION - ELECTRICAL DIAGRAM



PLAN - UPPER ELECTRICAL DIAGRAM



PLAN - ELECTRICAL DIAGRAM

5 CBE 16-01 ELECTRICAL

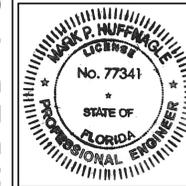
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STARBUCKS TEMPLATE VERSION: i2021.10.22



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: J.GEARY  
CHECKED BY:

Revision Schedule			
Rev	Date	By	Description
1	10/12/23	JWVG	REV 1: COUNTY CYCLE 1
		JWVG	

SHEET TITLE:  
**ELECTRICAL DETAILS & SCHEDULES**  
SCALE: AS SHOWN

SHEET NUMBER:  
**E501**

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STARBUCKS TEMPLATE VERSION: i2021.10.22



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:  
CHECKED BY:

Revision Schedule			
Rev	Date	By	Description
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		JWG	

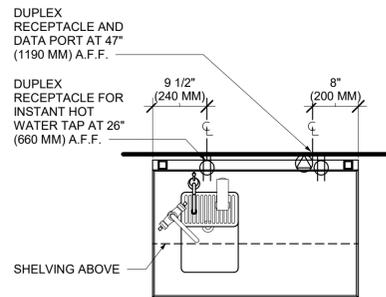
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**ELECTRICAL DETAILS & SCHEDULES**

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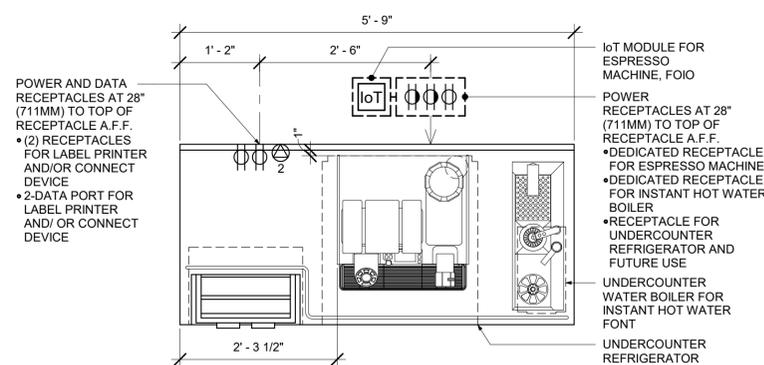
E502

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**1 WATER FILLING STATION - ELECTRICAL**

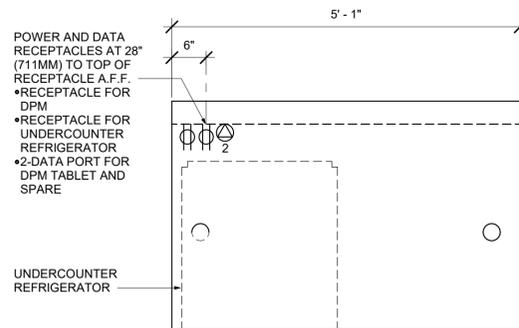
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ADAPTABLE CASEWORK DETAIL

**3 ESP 06-01 ELECTRICAL**

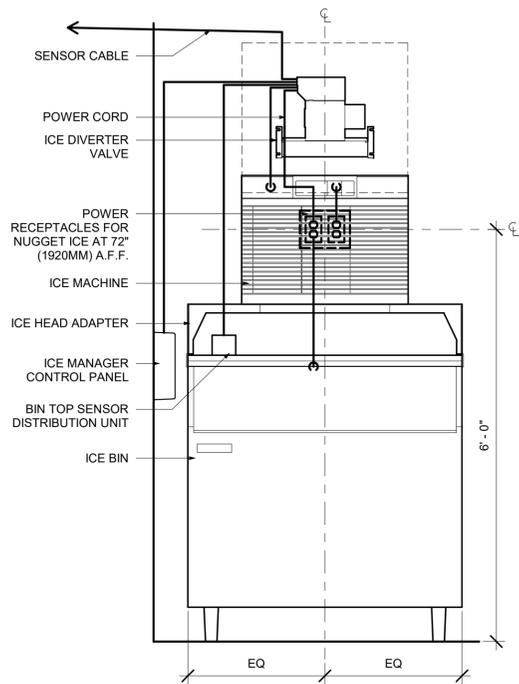
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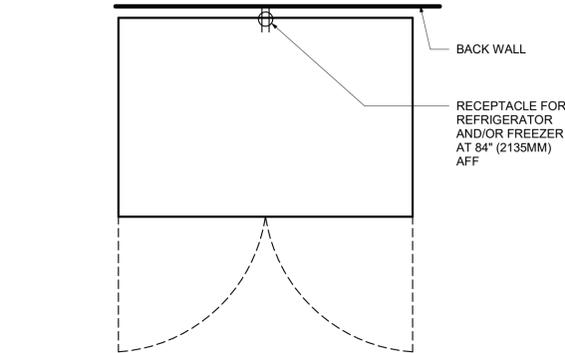
ADAPTABLE CASEWORK DETAIL

**7 DTL-E-AC CHP 04-04 ELECTRICAL**

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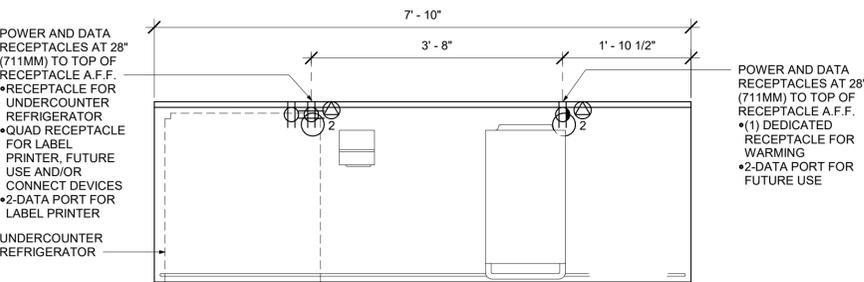


**ELEVATION - ELECTRICAL DIAGRAM**



**4 REFRIGERATOR/FREEZER - ELECTRICAL**

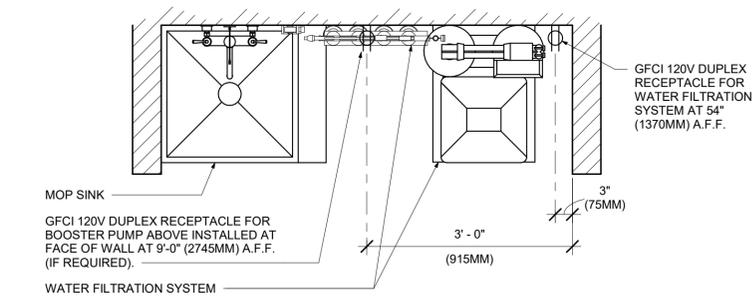
Scale: 3/4" = 1'-0"



ADAPTABLE CASEWORK DETAIL

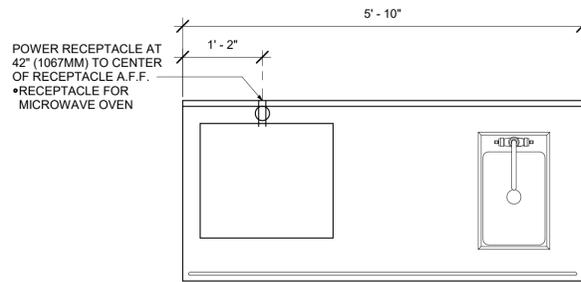
**8 WRM 13-01 ELECTRICAL**

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



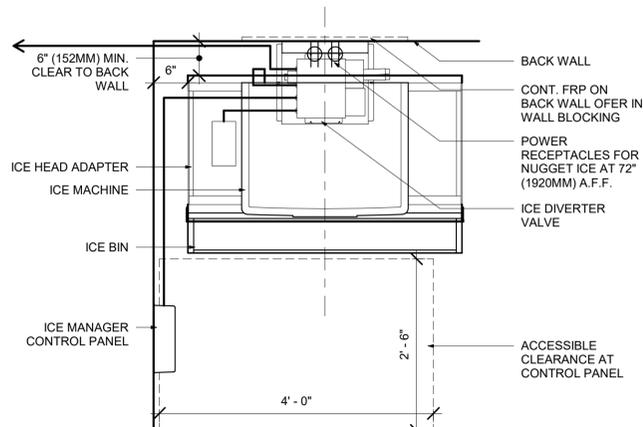
**5 WATER FILTRATION - CONFIGURATION II**

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



**9 ADD 20-03 ELECTRICAL**

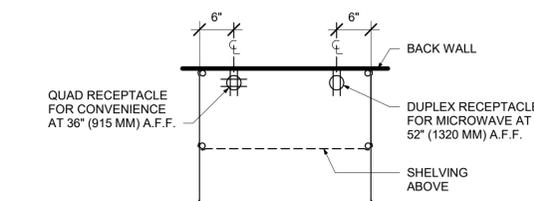
Scale: 3/4" = 1'-0"



**PLAN - ELECTRICAL DIAGRAM**

**2 NUGGET ICE ELECTRICAL**

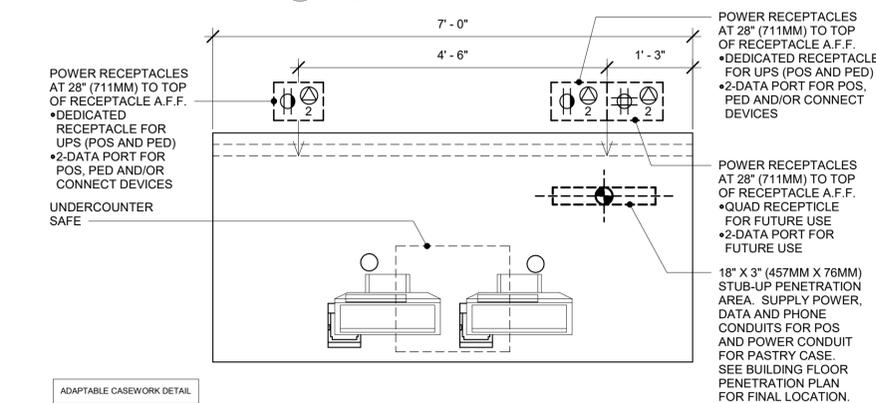
Scale: 3/4" = 1'-0"



ADAPTABLE CASEWORK DETAIL

**6 PARTNER DESK - ELECTRICAL**

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

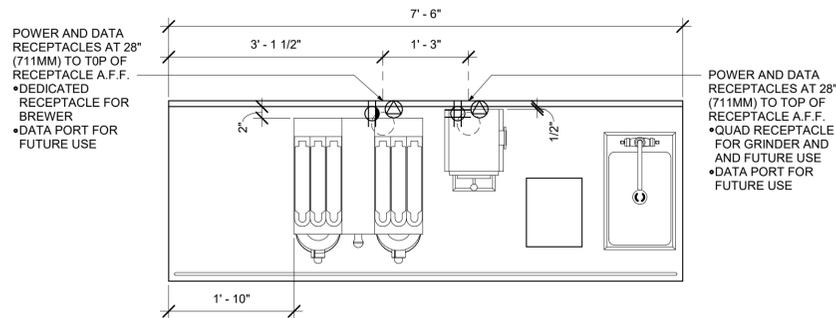


**10 DTL-E-POS 05-01 ELECTRICAL**

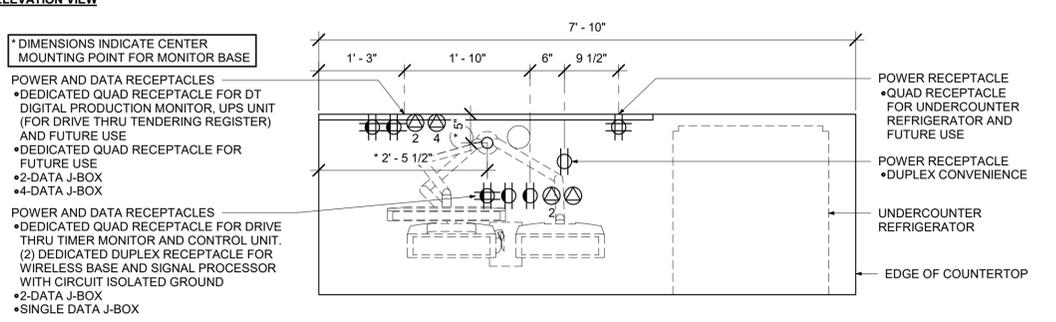
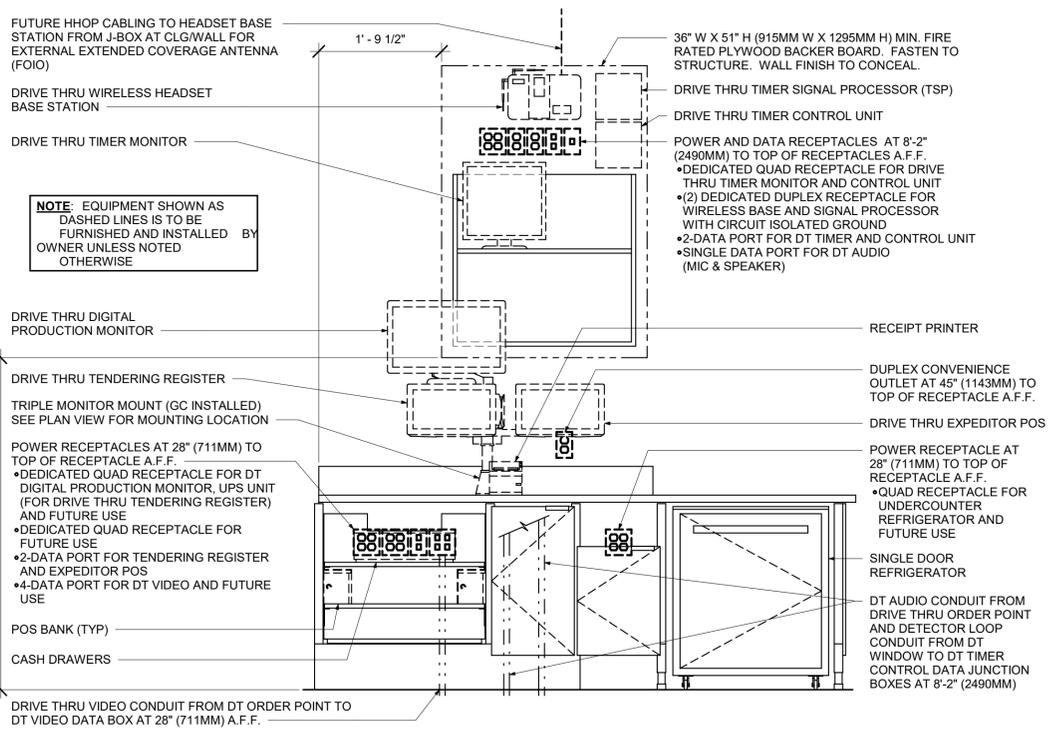
Scale: 3/4" = 1'-0"

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

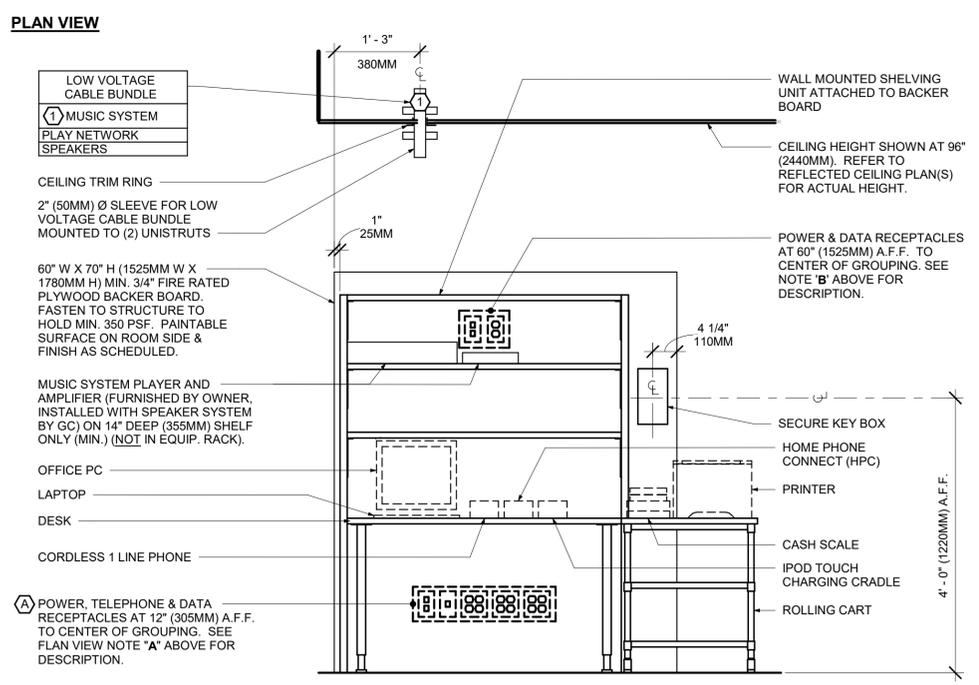
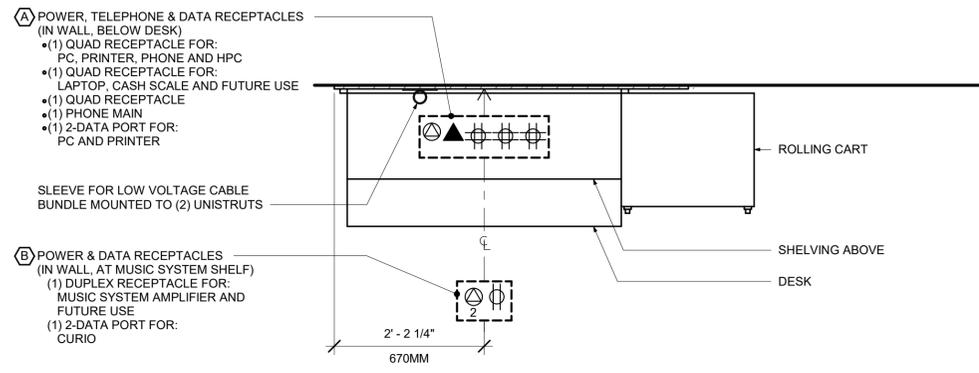
**ALL DATA OUTLETS AND QUADS MUST BE ISOLATED GROUND TYPE.**



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



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



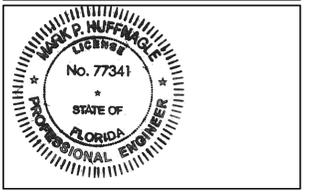
2 ELECTRICAL - MANAGERS DESK - NEW RH  
Scale: 3/4" = 1'-0"



**STARBUCKS**  
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(206) 318-1575

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STARBUCKS TEMPLATE VERSION: i2021.10.22



M Consultants, LLC  
750 Brookside Blvd.  
Westerville, Ohio 43081  
phone: 614.839.4639  
fax: 614.839.2222  
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:  
CHECKED BY:

Revision Schedule				
Rev	Date	By	Description	
1	10/12/23		REV 1: COUNTY CYCLE 1	

SHEET TITLE:  
**ELECTRICAL DETAILS & SCHEDULES**  
SCALE: AS SHOWN

SHEET NUMBER:  
**E503**

DESIGN DEVELOPMENT ONLY - NOT INTENDED FOR CONSTRUCTION USE

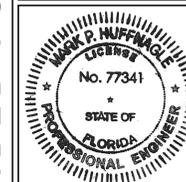


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STARBUCKS TEMPLATE VERSION: i2021.10.22



PROJECT NAME:  
**ALOMA & TUSKAWILLA RD**

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STORE #: 23308  
PROJECT #: 62233-050  
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DESIGN MANAGER:  
PRODUCTION DESIGNER:  
CHECKED BY:

Revision Schedule			
Rev	Date	By	Description
1	10/12/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**VENSTAR DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:

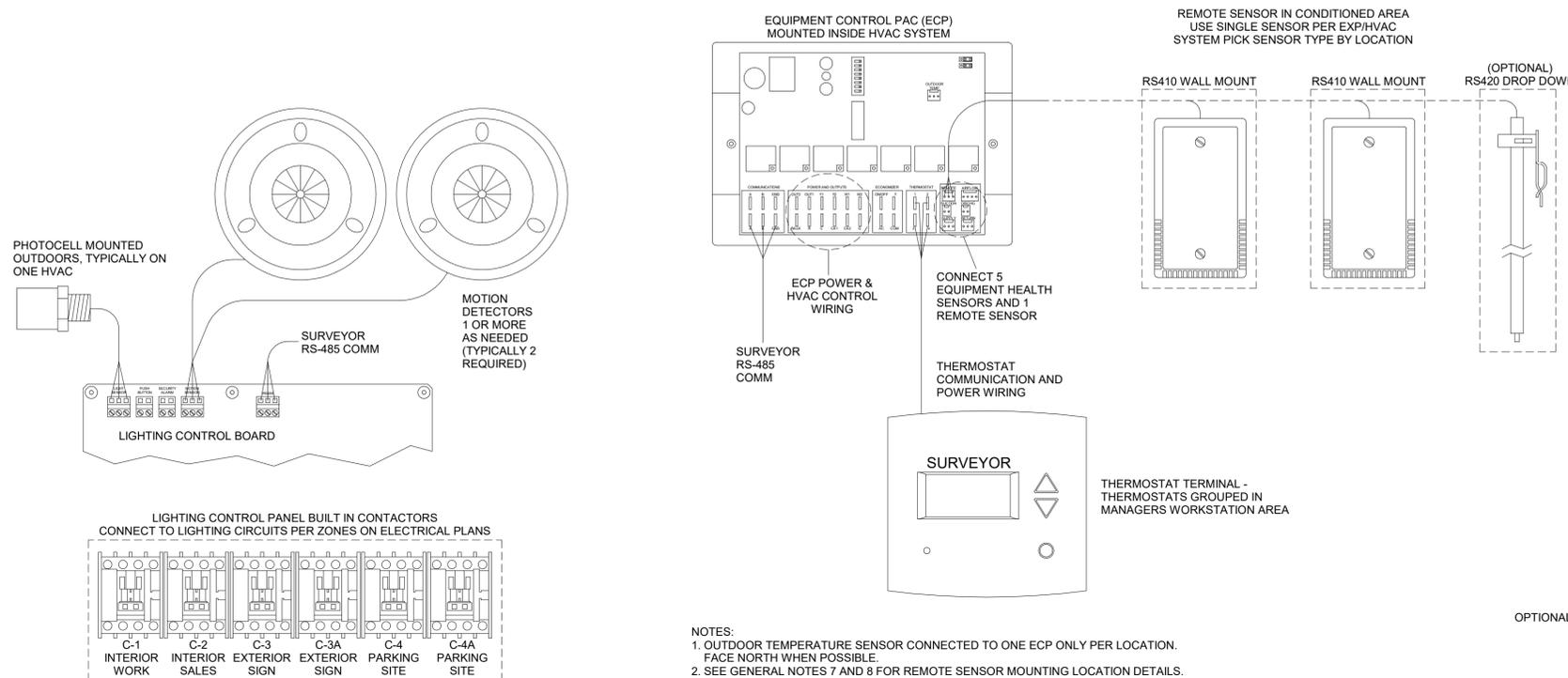
E504

DESIGN DEVELOPMENT ONLY - NOT INTENDED FOR CONSTRUCTION USE

**GENERAL NOTES**

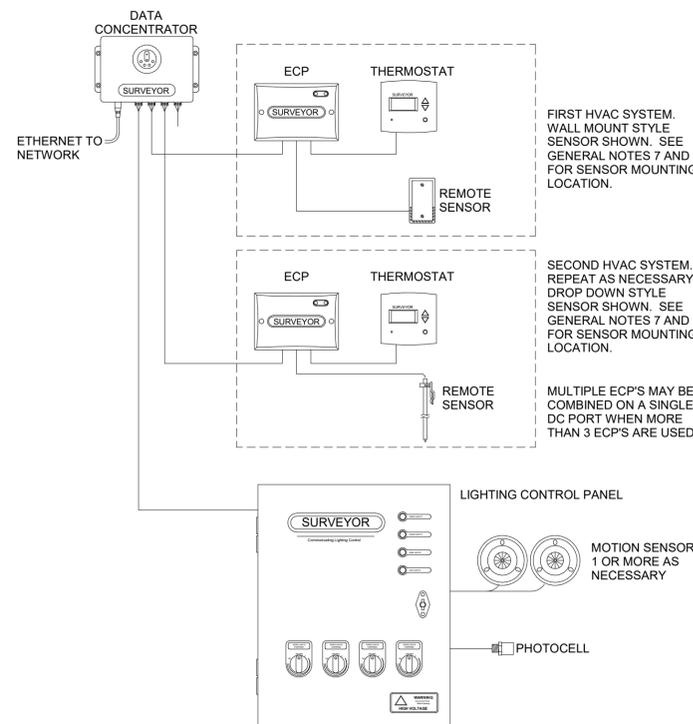
1. SURVEYOR ENERGY MANAGEMENT SYSTEM HARDWARE IS SUPPLIED BY STARBUCKS.
2. DRAWING FOR GENERAL INFORMATION, DESIGN INTENT, AND COORDINATION ONLY.
3. LOCAL BUILDING CODES TAKE PRECEDENCE OVER THIS DOCUMENT.
4. NOT ALL WIRING IS SHOWN ON THIS DRAWING. FOR CLARITY, ONLY ONE EXAMPLE OF EACH TYPE OF DEVICE 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

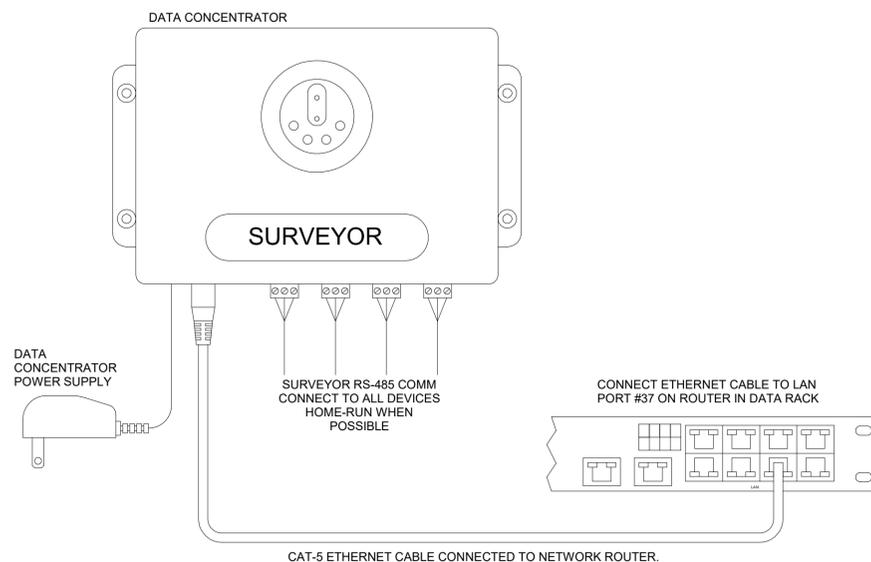


**1 VENSTART EMS - FULL LIGHTING CONTROL**  
Scale: 3/4" = 1'-0"

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



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



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

Panelboard	PANEL "A"	Voltage	208Y/120	Phase	3	Options/Notes
Panel Type	NQ	OCPD	600A M.C.B.	Wire	4	
NEMA Type	1	Mounting	SURFACE	Buss	600A	

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					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					3.550	B	0.400	20/1		DRIVE THRU CANOPY	E	28
29	E	RECEPTS. ROOF	20/1		0.360	C	0.600	20/1		ILLUMINATED SIGNS	E	30
31					7.860	A	0.400	20/1		PRE MENU BOARD	E	32
33	E	RTU-1	90/3		7.860	B	0.100	20/1		TIME CLOCK	E	34
35					7.860	C	0.500	GFCI 20/1		UC REFRIGERATOR	N	36
37					7.860	A	0.000					38
39	E	RTU-2	90/3		7.860	B	0.000	20/3		SPARE	E	40
41					7.860	C	0.000					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.

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

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

E Existing Circuit to remain  
 IG Isolated Ground Circuit

Panelboard	PANEL "B"	Voltage	208Y/120	Phase	3	Options/Notes
Panel Type	NQ	OCPD	225A M.C.B.	Wire	4	
NEMA Type	1	Mounting	SURFACE	Buss	225A	

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					0.873	B	3.000					4
5	N	DISHWASHER	40/2	GFCI	3.172	C	3.000	GFCI	40/2	EKON OVEN	N	6
7					3.172	A	3.000					8
9	N	ESPRESSO MACHINE	40/2	GFCI	2.900	B	1.000	GFCI 20/1		REACH IN FRIDGE 1 DOOR	N	10
11					2.900	C	1.000	GFCI 20/1		REACH IN FRIDGE 2 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					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					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					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 RECEIPT	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					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.

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

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

E Existing Circuit to remain  
 IG Isolated Ground Circuit

### LIGHTING CONTROL PANEL (LCP) SCHEDULE

NAME:  
 VOLTAGE: 120V NORMAL  
 LOCATION:  
 ENCLOSURE DIMENSIONS:  
 COMMENTS: SURFACE MOUNTED

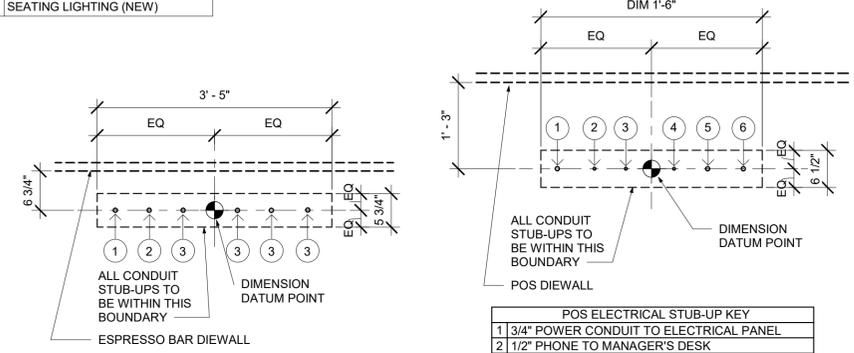
NOTES:  
 1) THIS SCHEDULE IS INTENDED TO ONLY CONVEY MINIMUM QUANTITIES OF LIGHTING CONTROL PANELS AND POLE SPACE WITHIN THOSE PANELS. PROVIDE ADDITIONAL PANELS AND/OR POLE SPACE AS REQUIRED BY CHOSEN LIGHTING CONTROL SYSTEM MANUFACTURER FOR QUANTITY OF CONTROLLED CIRCUITS/ZONES SHOWN IN THIS SCHEDULE.  
 2) PROVIDE NORMALLY-CLOSED RELAYS UNLESS OTHERWISE NOTED.

LIGHTING CONTROL LIGHTING SCHEDULE:  
 Z1 MONUMENT SIGN (EXIST)  
 Z2 ILLUMINATED SIGNS (EXIST)  
 Z3 DRIVE THRU CANOPY (EXIST)  
 Z4 EXTERIOR LIGHTS (EXIST)  
 Z5 EXTERIOR WALL PACKS (EXIST)  
 Z6 SEATING TRACK (NEW)  
 Z7 BOH LIGHTS (NEW)  
 Z8 SEATING LIGHTING (NEW)

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

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

ALL DATA OUTLETS AND QUADS MUST BE ISOLATED GROUND TYPE.



ESPRESSO BAR ELECTRICAL STUB-UP KEY

1	3/4" LAN CONDUIT
2	3/4" LAN CONDUIT TO MANAGER'S WORKSTATION
3	3/4" ISOLATED GROUND POWER CONDUIT

POS ELECTRICAL STUB-UP KEY

1	3/4" POWER CONDUIT TO ELECTRICAL PANEL
2	1/2" PHONE TO MANAGER'S DESK
3	1/2" DATA CONDUIT TO MANAGER'S DESK
4	1/2" SECURITY TO MANAGER'S DESK
5	3/4" LAN CONDUIT TO POS/SAFE
6	3/4" POWER CONDUIT FOR PASTRY CASE

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

### ELECTRIC LOAD SUMMARY (TRANSFORMER)

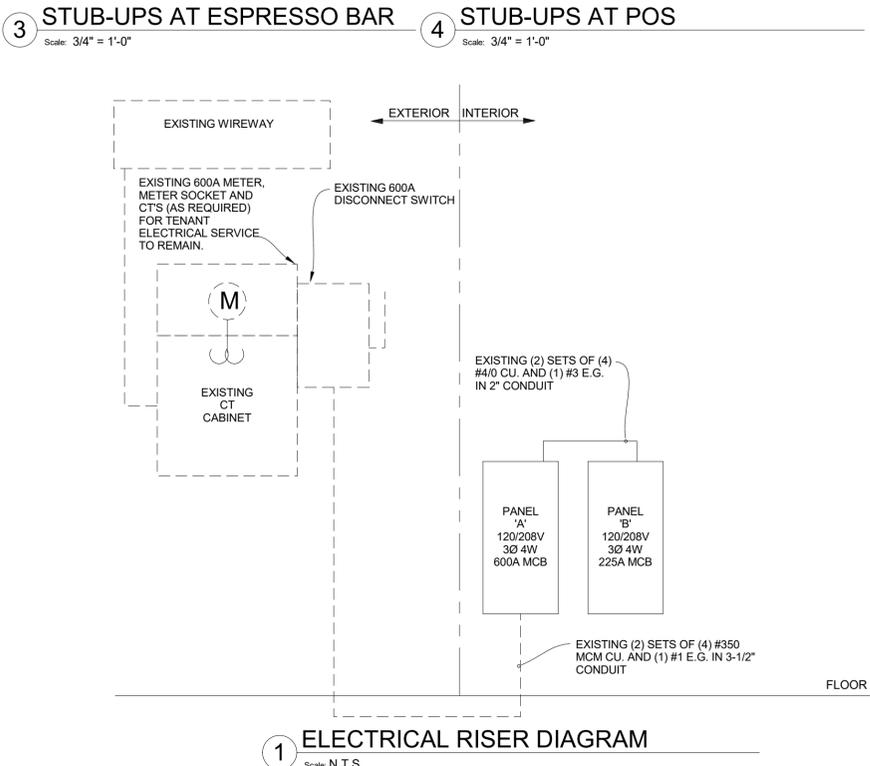
208Y/120V SERVICE

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	[6]	-	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
	173.092			141.179

N.E.C. DEM. kVA X 1000  
 SYS. VOLTAGE X 1.732 = MINIMUM FEEDER AMPERAGE

141.179 X 1000  
 208 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.



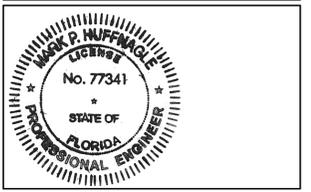
1 ELECTRICAL RISER DIAGRAM  
 Scale: N.T.S.



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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:  
 CHECKED BY:

Rev	Date	By	Description
1	10/12/23	JWG	REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**ELECTRICAL PANEL SCHEDULES**  
 SCALE: AS SHOWN

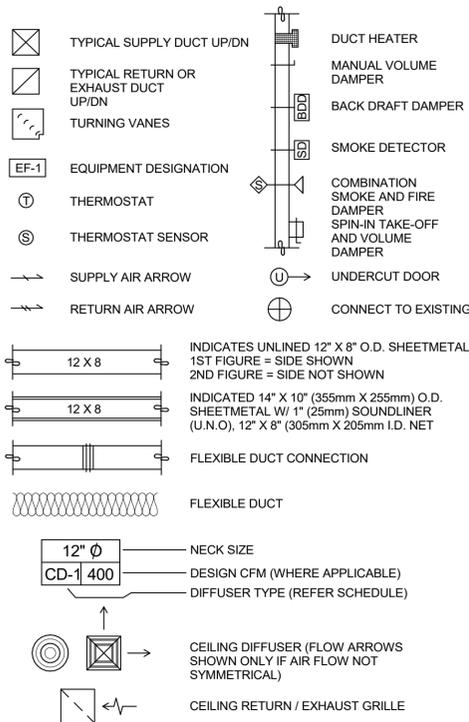
SHEET NUMBER:  
**E601**

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	HEATING, VENTILATION, AIR CONDITIONING
HVAC	
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 DISCLOSED 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

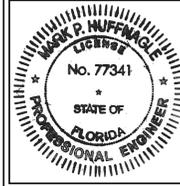
**PRIOR TO BID:** THE GENERAL CONTRACTOR SHALL COORDINATE WITH LANDLORD / BUILDING OWNER FOR ANY CONSTRUCTION REQUIREMENTS. IF LANDLORD / BUILDING OWNER DOES HAVE REQUIREMENTS, CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH REQUIREMENTS AND ADHERE TO THEM. WHERE LANDLORD / BUILDING OWNER REQUIREMENTS 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: I2021.10.22



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**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
1	10/12/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**MECHANICAL NOTES**

SCALE: AS SHOWN

SHEET NUMBER:  
**M001**

PERMIT SET - FOR CONSTRUCTION USE



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Rev	Date	By	Description
1	10/12/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**MECHANICAL NOTES**

SCALE: AS SHOWN

SHEET NUMBER:  
**M002**

**PERMIT SET - FOR CONSTRUCTION USE**

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.

STARBUCKS' OWNER'S PROJECT REQUIREMENTS AND BASIS OF DESIGN

HVAC	OPR	BOD
ASHRAE CLIMATE ZONE	2	
STARBUCKS' CLIMATE ZONE	VERIFY WITH STARBUCKS CONSTRUCTION MANAGER	
<b>SEISMIC</b>		
RESTRAINTS	WHEN REQUIRED BY CODE	WHEN REQUIRED BY CODE
<b>HVAC CONTROL SYSTEM (AT LEAST ONE REQUIRED)</b>		
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
<b>HVAC SYSTEMS</b>		
DEDICATED UNIT(S)	PACKAGE ROOFTOP UNIT	PACKAGE ROOFTOP UNIT
BASE BUILDING SYSTEM	N/A	N/A
<b>DESIGN TEMPERATURES</b>		
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
<b>EXHAUST</b>		
RESTROOMS	MIN 80 CFM / RESTROOM	
OVENS	70 CFM / OVEN	
SCHEDULE	M601	
CONTROLS	CONTINUOUS	
<b>AIR CURTAIN</b>		
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  
 Prepared by: M-Engineering  
 08/17/2023  
 05:22PM

Air System Information		Number of zones	
Air System Name	Aloma & Tuskawilla	Floor Area	2487.0 ft²
Equipment Class	PKG ROOF	Location	Orlando, Florida
Air System Type	SZCAV		

Sizing Calculation Information		Zone CFM Sizing	
Calculation Months	Jan to Dec	Sum of space airflow rates	
Sizing Data	Calculated	Space CFM Sizing	Individual peak space loads

Central Cooling Coil Sizing Data		Load occurs at	
Total coil load	14.4 Tons	Jul 1500	
Total coil load	172.3 MBH	OA DB / WB	94.0 / 76.0 °F
Sensible coil load	136.0 MBH	Entering DB / WB	78.1 / 65.9 °F
Coil CFM at Jul 1500	6307 CFM	Leaving DB / WB	58.1 / 56.9 °F
Max block CFM	6307 CFM	Coil ADP	55.8 °F
Sum of peak zone CFM	6307 CFM	Bypass Factor	0.100
Sensible heat ratio	0.790	Resulting RH	54 %
CFM/Ton	439.3	Design supply temp.	55.0 °F
RT/Ton	173.2	Zone T-stat Check	1 of 1 OK
BTU/(hr ft²)	69.3	Max zone temperature deviation	0.0 °F
Water flow @ 10.0 °F rise	N/A		

Central Heating Coil Sizing Data		Load occurs at	
Max coil load	47.1 MBH	Des Htg	19.0
Coil CFM at Des Htg	6307 CFM	Ent. DB / Ldg DB	66.3 / 73.2 °F
Max coil CFM	6307 CFM		
Water flow @ 20.0 °F drop	N/A		

Supply Fan Sizing Data		Fan motor BHP	
Actual max CFM	6307 CFM	Fan motor KW	0.00 KW
Standard CFM	6283 CFM	Fan static	0.00 in wg
Actual max CFM/ft²	2.54 CFM/ft²		

Outdoor Ventilation Air Data		CFM/person	
Design airflow CFM	720 CFM		14.47 CFM/person
CFM/ft²	0.29 CFM/ft²		

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

ZONE LOADS	DESIGN COOLING			DESIGN HEATING		
	Details	Sensible (BTU/hr)	Latent (BTU/hr)	Details	Sensible (BTU/hr)	Latent (BTU/hr)
Window & Skylight Solar Loads	485 ft²	18942	-	485 ft²	-	-
Wall Transmission	3580 ft²	3438	-	3580 ft²	5333	-
Roof Transmission	2487 ft²	4292	-	2487 ft²	2581	-
Window Transmission	485 ft²	4353	-	485 ft²	8964	-
Skylight Transmission	0 ft²	0	-	0 ft²	0	-
Door Loads	0 ft²	0	-	0 ft²	0	-
Floor Transmission	2357 ft²	0	-	2357 ft²	2545	-
Partitions	0 ft²	0	-	0 ft²	0	-
Ceiling	0 ft²	0	-	0 ft²	0	-
Overhead Lighting	0 W	0	-	0	0	-
Task Lighting	3225 W	9829	-	0	0	-
Electric Equipment	17000 W	53038	-	0	0	-
People	50	11082	17629	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	10% / 10%	10497	1763	10%	1942	0
>> Total Zone Loads	-	115472	19392	-	21365	0
Zone Conditioning	-	122164	19392	-	21539	0
Plenum Wall Load	0%	0	-	0	0	-
Plenum Roof Load	0%	0	-	0	0	-
Plenum Lighting Load	0%	0	-	0	0	-
Return Fan Load	6307 CFM	0	-	6307 CFM	0	-
Ventilation Load	720 CFM	13885	16818	720 CFM	25601	0
Supply Fan Load	6307 CFM	0	-	6307 CFM	0	-
Space Fan Coil Fans	-	0	-	-	0	-
Duct Heat Gain / Loss	0%	0	-	0%	0	-
>> Total System Loads	-	136049	36210	-	47141	0
Central Cooling Coil	-	136049	36217	-	-	0
Central Heating Coil	-	0	-	-	47141	0
>> Total Conditioning	-	136049	36217	-	47141	0

Key: Positive values are **clg** loads  
 Negative values are **htg** loads

DESCRIPTION	AREA (ft²)	AREA OUTDOOR AIR RATE PER IMC TABLE 403.3.1.1 (Ra)	AREA OUTDOOR AIR (RaAz)	OCCUPANT LOAD RATE PER IMC TABLE 403.3.1.1 (PEOPLE/1000 ft²) (OLR)	OCCUPANCY (Az/1000) (OLR)	OCCUPANT OUTDOOR AIR RATE PER IMC TABLE 403.3.1.1 (Rp)	OCCUPANT OUTDOOR AIR (RpPz)	BREATHING ZONE OUTDOOR AIR (Vbz=RpPz+RaAz)	ZONE AIR DISTRIBUTION EFFECTIVENESS (Ez)	ZONE OUTDOOR AIR (Voz=Vbz/Ez)
BOH	425	0.12	51	15	6	7.5	48	99	0.8	124
CAFE / DINING	1050	0.18	189	70	74	7.5	551	740	0.8	925
DRIVE-THROUGH	210	0.18	38	20	4	7.5	32	69	0.8	87
RESTROOM	162	0	0	0	0	0	0	0	0.8	0
SERVING	640	0.18	115	20	13	7.5	96	211	0.8	264
TOTAL AREA	2487				97					1399
TOTAL REQUIRED OUTSIDE AIR (CFM)										1399



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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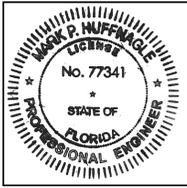


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STARBUCKS TEMPLATE VERSION: I2021.10.22



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 750 Brookledge Blvd.  
 Westerville, Ohio 43081  
 phone: 614.639.4639  
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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

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

Revision Schedule		
Rev	Date	Description
1	10/12/23	REV 1: COUNTY CYCLE 1

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

SHEET NUMBER:

M003



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

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Revision Schedule			
Rev	Date	By	Description
1	10/12/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**MECHANICAL LEGENDS**

SCALE: AS SHOWN

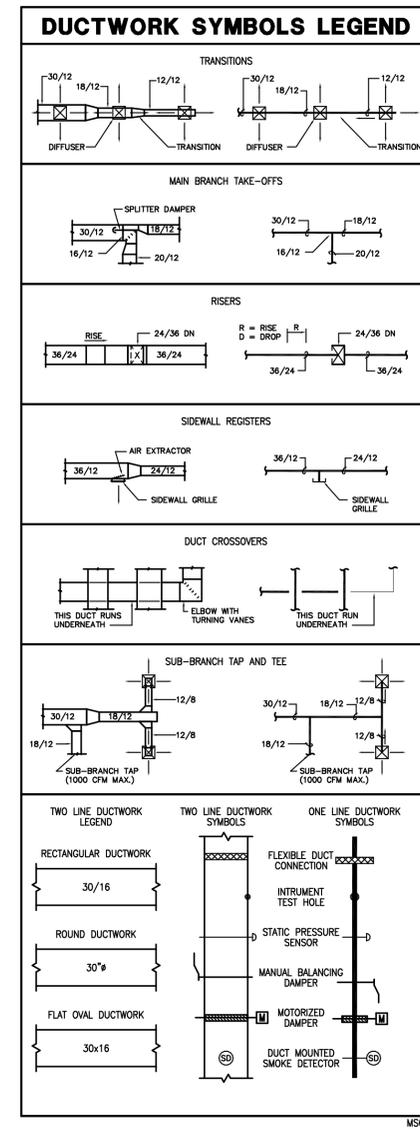
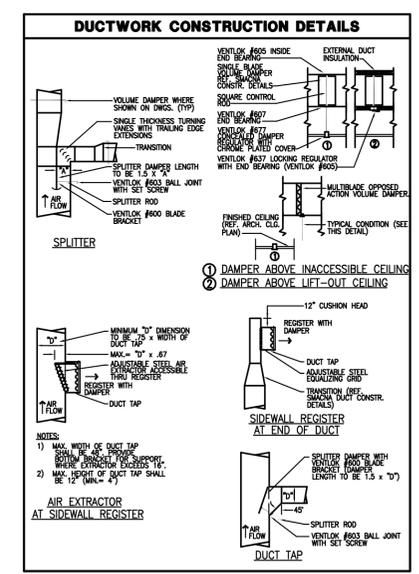
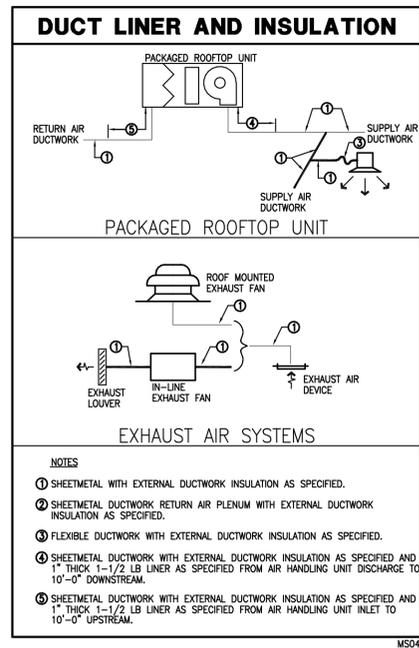
SHEET NUMBER:

**M004**

PERMIT SET - FOR CONSTRUCTION USE

SYMBOL LEGEND	
SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
<b>GENERAL</b>	
(1)	KEY NOTE TAG
(2)	NOTE SPECIFIC TO DETAIL TAG
(3)	REVISION TAG
(4)	NEW EQUIPMENT
<b>DUCTWORK</b>	
(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)
<b>SENSORS</b>	
(20)	THERMOSTAT AND TEMPERATURE SENSOR
(21)	HUMIDISTAT
(22)	SMOKE DETECTOR
(23)	HEAT DETECTOR
(24)	CARBON DIOXIDE SENSOR
<b>AIR DEVICES</b>	
(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
<b>PIPING</b>	
(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
<b>SUBSCRIPTS AND ABBREVIATIONS</b>	
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.



COMcheck Software Version COMcheckWeb  
**Mechanical Compliance Certificate**

**Project Information**  
 Energy Code: 90.1 (2016) Standard  
 Project Title: Starbucks Aloma and Tuskawillard  
 Location: Abbeville, Alabama  
 Climate Zone: 2a  
 Project Type: Alteration

Construction Site: 3645 Aloma Ave, Oviedo, Florida 32765  
 Owner/Agent: Starbucks, 2401 Utah Ave. S, Seattle, Washington 98134 (206)318-1575  
 Designer/Contractor: M-Engineering, 750 Brooksedge Blvd, Westerville, Ohio 43081 (614)839-4639

**Mechanical Systems List**

**Quantity System Type & Description**  
 1 Landlord RTU-1 & RTU-2  
 Heating: 1 each - Central Furnace, Electric, Capacity = 69 kBtu/h  
 No minimum efficiency requirement applies.  
 Cooling: 1 each - Packaged Terminal Unit, Capacity = 120 kBtu/h, Air-Cooled Condenser, Air Economizer  
 Proposed Efficiency = 12.40 EER, Required Efficiency = 9.50 EER  
 Proposed Part Load Efficiency = 0.00, Required Part Load Efficiency = 0.00  
 SYSTEM VERIFICATION REQUIRED.  
 1 P11109 (water heater)  
 Electric Storage Water Heater, Capacity: 30 gallons  
 Proposed Efficiency: 1.20 SL, %h (if > 12 kW), Required Efficiency: 1.20 SL, %h (if > 12 kW)  
 SWH COMPLIANCE REQUIRED.

**Mechanical Compliance Statement**

Compliance Statement: The proposed mechanical alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical 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.

Elisa Curi - Mechanical Designer  
 Name - Title: Signature Date: 10/10/2023

Project Title: Starbucks Aloma and Tuskawillard Report date: 10/11/23  
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Section # & Req. ID	Mechanical Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
6.4.1.4, 6.4.1.5 [ME1]	HVAC equipment efficiency verified. Non-NAECA HVAC equipment labeled as meeting 90.1.	Efficiency: _____	Efficiency: _____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Mechanical Systems list for values.
6.4.1.5.2 [ME2]	PTAC and PTHP with sleeves 16 in. by 42 in. labeled for replacement only.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
6.4.3.4.1 [ME3]	Stair and elevator shaft vents have motorized dampers that automatically close.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.4.3.4.5 [ME39]	Enclosed parking garage ventilation has automatic containment detection and capacity to stage or modulate fans to 50% or less of design capacity.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.4.3.4.4 [ME5]	Ventilation fans > 75 hp have automatic controls to shut off fan when not required.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.8 [ME6]	Demand control ventilation provided for spaces > 500 ft2 and > 25 people/1000 ft2 occupant density and served by systems with air side economizer, auto modulating outside air damper control, or design airflow > 3,000 cfm.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.3.2.1 [ME40]	DX cooling systems = 75 kBtu/h (>= 65 kBtu/h effective 1/2016) and chilled-water and evaporative cooling fan motor hp >= 1/2 designed to vary supply fan airflow as a function of load and comply with operational requirements.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met. See the Mechanical Systems list for values.
6.4.4.1.1 [ME7]	Insulation exposed to weather protected from damage, insulation outside of the conditioned space and associated with cooling systems is vapor retardant.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.4.1.2 [ME8]	HVAC ducts and plenums insulated per Table 6.8.2. Where ducts or plenums are installed in or under a slab, verification may need to occur during Foundation Inspection.	R: _____	R: _____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.4.1.3 [ME9]	HVAC piping insulation thickness. Where piping is installed in or under a slab, verification may need to occur during Foundation Inspection.	_____ in.	_____ in.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.4.4.1.4 [ME41]	Thermally ineffective panel surfaces of sensible heating panels have insulation >= R-3.5.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Project Title: Starbucks Aloma and Tuskawillard Report date: 10/11/23  
 Data filename: Page 5 of 10

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, 6.4.2.1, 6.7.2 [PR2]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the mechanical systems and equipment and document where exceptions to the standard are claimed. Load calculations per acceptable engineering standards and handbooks.	<input 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, 7.7.1, 10.4.2 [PR3]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the service water heating systems and equipment and document where exceptions to the standard are claimed. Hot water system sized per manufacturer's sizing guide.	<input 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, 8.4.1.1, 8.4.1.2, 8.7 [PR6]	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 connectors sized in accordance with approved plans and branch circuits sized for maximum drop of 3%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.7.2.4 [PR5]	Detailed instructions for HVAC systems commissioning included on the plans or specifications for projects >= 50,000 ft2.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.

**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: 10/11/23  
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Section # & Req. ID	Mechanical Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
6.4.4.2.1 [ME10]	Ducts and plenums having pressure class ratings are Seal Class A construction.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.8.1.15, 6.8.1.16 [ME10]	Electrically operated DX-DOAS units meet requirements per Tables 6.8.1-15 or 6.8.1-16.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.4.4.2.2 [ME11]	Ductwork operating > 3 in. water column requires air leakage testing.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.2.3 [ME19]	Dehumidification controls provided to prevent reheating, recirculating, mixing of hot and cold airstreams or concurrent heating and cooling of the same airstream.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.2.4.1 [ME68]	Humidifiers with airstream mounted preheating jackets have preheat auto-shutoff value set to activate when humidification is not required.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.5.2.4.2 [ME69]	Humidification system dispersion tube hot surfaces in the airstreams of ducts or air-handling units insulated >= R-0.5.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.5.2.5 [ME70]	Preheat coils controlled to stop heat output whenever economizer operation, is active.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.2.6 [ME106]	Units that provide ventilation air to multiple zones and operate in conjunction with zone heating and cooling systems are prevented from using heating or heat recovery to warm supply air above 60°F when representative building loads or outdoor air temperature indicate that most zones demand cooling.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.5.3.3 [ME42]	Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply. See the Mechanical Systems list for values.
6.5.4.2 [ME25]	HVAC pumping systems with >= 3 control valves designed for variable fluid flow (see section details).			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.5.6.1 [ME56]	Exhaust air energy recovery on systems meeting Tables 6.5.6.1-1, and 6.5.6.1-2.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

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Section # & Req. ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
6.4.3.7 [FC9]	Freeze protection and snow/ice melting system sensors for future connection to controls.	<input 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: 10/11/23  
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Section # & Req. ID	Mechanical Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
6.5.7.2.1 [ME32]	Kitchen hoods > 5,000 cfm have make up air >= 80% of exhaust air volume.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.7.2.4 [ME49]	Approved field test used to evaluate design air flow rates and demonstrate proper capture and containment of kitchen exhaust systems.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.8.1 [ME34]	Unenclosed spaces that are heated use only radiant heat.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.5.9 [ME35]	Hot gas bypass limited to: <= 240 kBtu/h - 15% > 240 kBtu/h - 10%			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
7.4.2 [ME36]	Service water heating equipment meets efficiency requirements.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
6.4.3.9 [ME63]	Heating for vestibules and air curtains with integral heating include automatic controls that shut off the heating system when outdoor air temperatures > 45F. Vestibule heating and cooling systems controlled by a thermostat in the vestibule with heating setpoint <= 60F and cooling setpoint >= 80F.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.5.10 [ME37]	Doors separating conditioned space from the outdoors have controls that disable/reset heating and cooling system when open.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Alteration project to existing building.

**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: 10/11/23  
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Section # & Req. ID	Plumbing Rough-In Inspection	Complies?	Comments/Assumptions
7.4.4.1 [PL2]	Temperature controls installed on service water heating systems (<= 120°F to maximum temperature for intended use).	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
7.4.6 [PL4]	Heat traps installed on non-circulating storage water tanks.	<input 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: 10/11/23  
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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 type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> 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 to control system and displayed graphically.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Buildings 25,000 ft2.
10.4.1 [EL9]	Electric motors meet requirements where applicable.	<input 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)

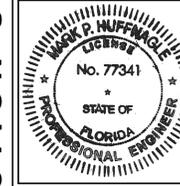
Project Title: Starbucks Aloma and Tuskawillard Report date: 10/11/23  
 Data filename: Page 8 of 10



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

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STARBUCKS TEMPLATE VERSION: I2021.10.22



**M Consultants, LLC**  
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 phone: 614.839.4639  
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PROJECT NAME:  
**ALOMA & TUSKAWILLARD**

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

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

Rev	Date	By	Description
1	10/12/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**MECHANICAL ENERGY  
 COMPLIANCE**  
 SCALE: AS SHOWN

SHEET NUMBER:  
**M005**

PERMIT SET - FOR CONSTRUCTION USE

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
6.4.3.1.2 [F13]	Thermostatic controls have a 5 °F deadband.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.2 [F120]	Temperature controls have setpoint overlap restrictions.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.3.1 [F121]	HVAC systems equipped with at least one automatic shutdown control.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.3.2 [F122]	Setback controls allow automatic restart and temporary operation as required for maintenance.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.12 [F1200]	Air economizer has a fault detection and diagnostics (FDD) system (see details for configuration and operational requirements).	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.4.3.6 [F16]	When humidification and dehumidification are provided to a zone, simultaneous operation is prohibited. Humidity control prohibits the use of fossil fuel or electricity to produce RH > 30% in the warmest zone humidified and RH < 60% in the coldest zone dehumidified.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.7.2.1 [F17]	Furnished HVAC as-built drawings submitted within 90 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.
6.7.2.2 [F18]	Furnished O&M manuals for HVAC systems within 90 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.
6.7.2.3 [F19]	An air and/or hydronic system balancing report is provided for HVAC systems serving zones >5,000 ft2 of conditioned area.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.7.2.4 [F10]	HVAC control systems have been tested to ensure proper operation, calibration and adjustment of controls.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
7.4.4.3 [F111]	Public lavatory faucet water temperature <=110°F.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
10.4.3 [F124]	Elevators are designed with the proper lighting, ventilation power, and standby mode.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.

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

Project Title: Starbucks Aloma and Tuskawillard Report date: 10/11/23  
Data filename: Page 9 of 10

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
7.4.3 [F145]	First 8 ft of outlet piping in nonrecirculating storage system, or branch piping connected to recirculated, heat traced, or impredance heated piping is insulated.	<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: 10/11/23  
Data filename: Page 10 of 10

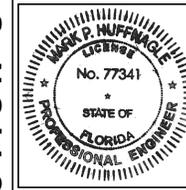


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Florida Certificate of Authorization #29103

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PROJECT NAME:  
**ALOMA & TUSKAWILLARD**

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

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

Revision Schedule			
Rev	Date	By	Description
1	10/12/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**MECHANICAL ENERGY  
COMPLIANCE**  
SCALE: AS SHOWN

SHEET NUMBER:  
**M006**

MECHANICAL EQUIPMENT SCHEDULE - "M"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
<b>HVAC</b>					
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
<b>HVAC CONTROLS</b>					
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

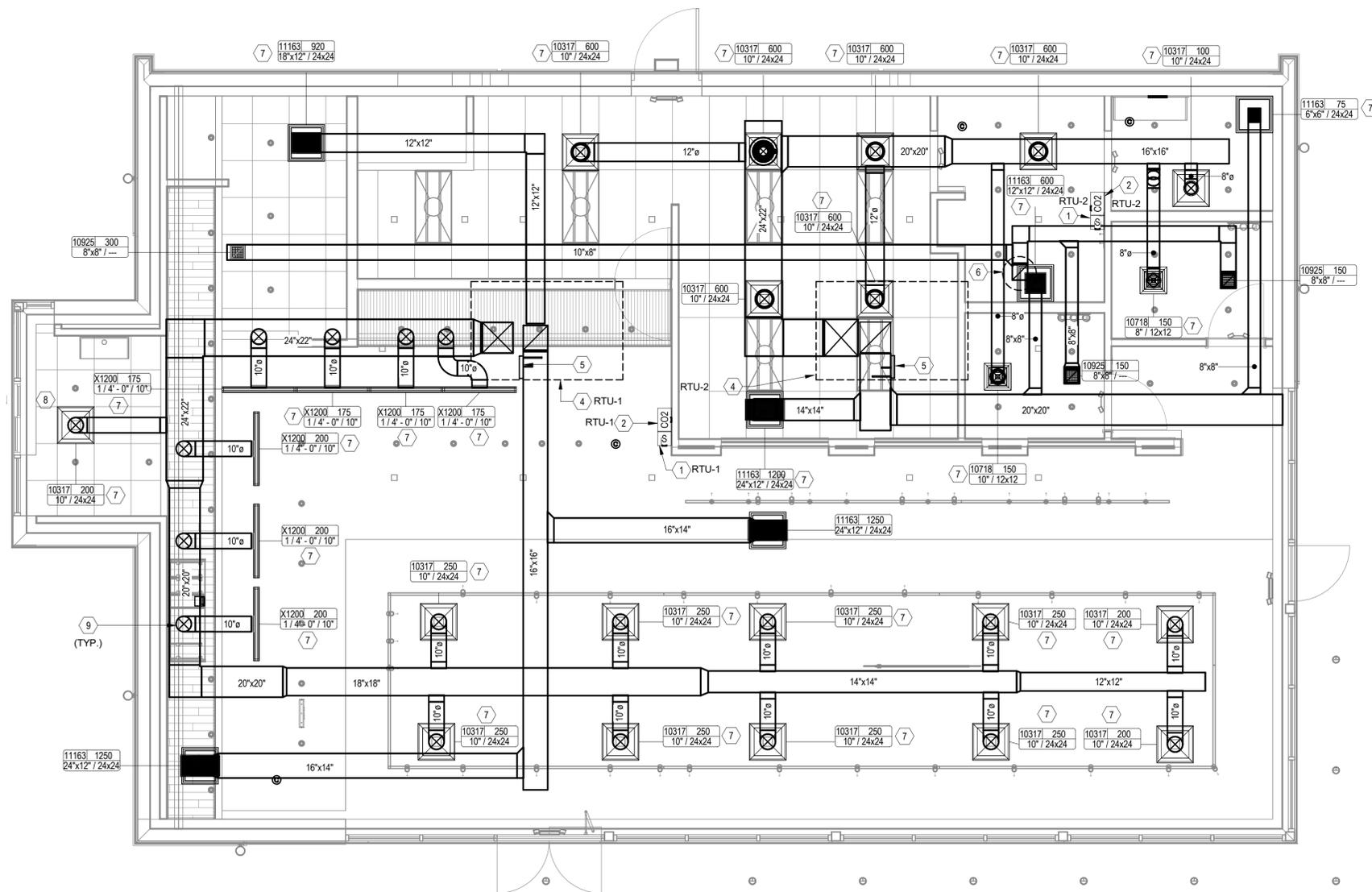
- COORDINATE WITH LANDLORD'S FIRE PROTECTION AND FIRE ALARM CONTRACTORS FOR COORDINATION AND INSTALLATION OF NEW SMOKE DETECTORS AND CONNECTION TO NEW LIFE SAFETY SYSTEM.

### 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.
- EXISTING LANDLORD ROOF MOUNTED HVAC UNIT TO BE USED. LANDLORD APPROVED CONTRACTOR TO ENSURE PROPER OPERATING CONDITIONS. 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.
- EXISTING LANDLORD 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.



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



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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
1	10/12/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**MECHANICAL DESIGN  
PLAN**

SCALE: AS SHOWN

SHEET NUMBER:

M101

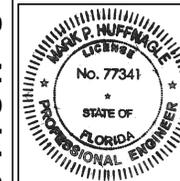


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STORE #: 23308  
PROJECT #: 62233-050  
ISSUE DATE: 09/01/2023  
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PRODUCTION DESIGNER: EC  
CHECKED BY: BS

Revision Schedule			
Rev	Date	By	Description
1	10/12/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**MECHANICAL ROOF PLAN**  
SCALE: AS SHOWN

SHEET NUMBER:

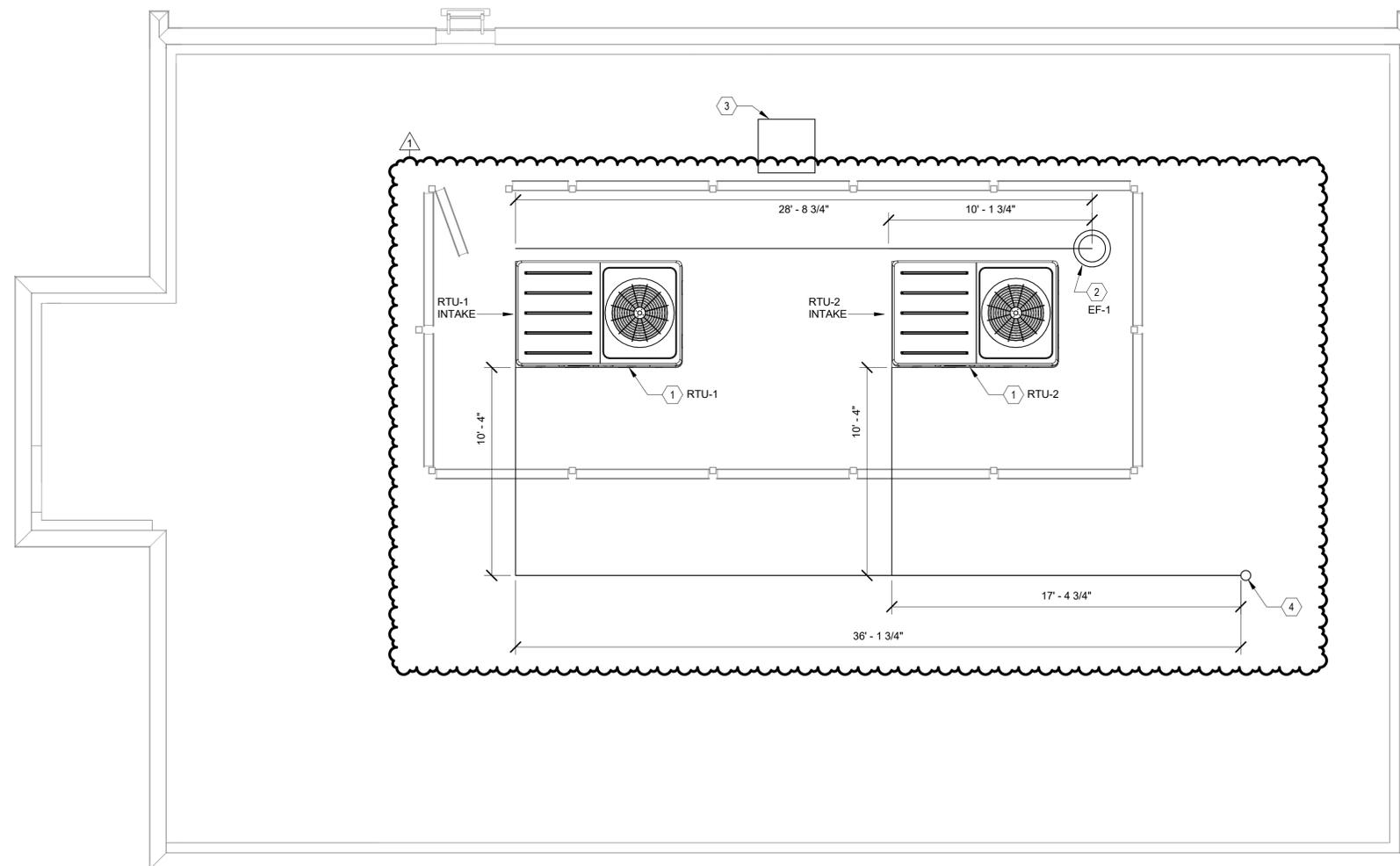
M102

**KEYED NOTES**

- 1 EXISTING LANDLORD ROOF MOUNTED HVAC UNIT TO BE USED. LANDLORD APPROVED CONTRACTOR TO ENSURE PROPER OPERATING CONDITIONS. SEE MECHANICAL ROOF AND MECHANICAL SCHEDULES FOR MORE INFORMATION.
- 2 EXISTING LANDLORD EXHAUST FAN TO BE USED AS SHOWN ON PLAN. SEE FAN SCHEDULE FOR FURTHER INFORMATION. CONFIRM 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.

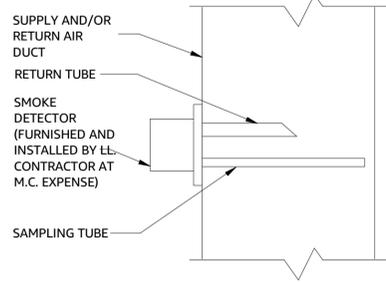
**GENERAL NOTES**

- 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 WALL 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.
- E. LANDLORD APPROVED CONTRACTOR SHALL FIELD VERIFY ALL ROOF EQUIPMENT AND ENSURE PROPER CLEARANCES FOR ALL EQUIPMENT.

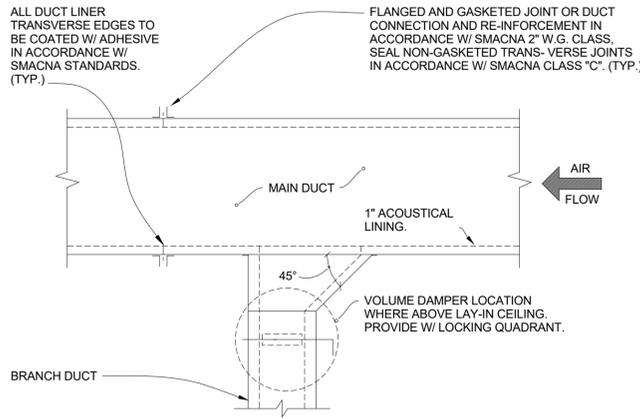


**1 MECHANICAL ROOF PLAN**  
Scale: 1/4" = 1'-0"

**PERMIT SET - FOR CONSTRUCTION USE**



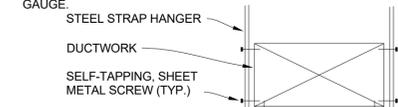
**7** Smoke Detector Schematic  
Scale: 12" = 1'-0"



**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.

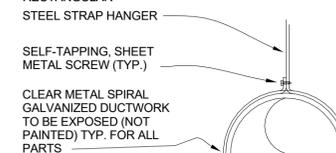
WHERE DUCT ARE 8 SQ. FT. IN FACE AREA, HANGERS SHALL BE BRACED BY 1"x1/8" STEEL ANGLES ALL AROUND, SPACED NO MORE THAN FOUR FEET ON CENTERS.

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



**HANGER SPACING:**

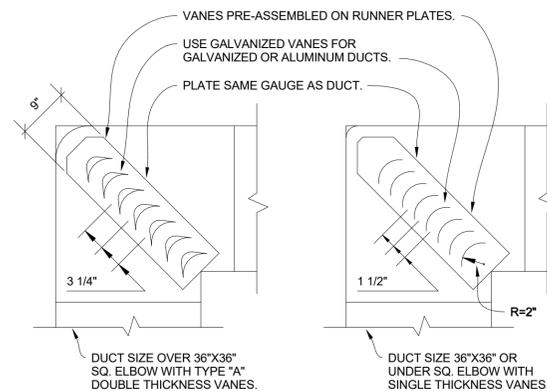
DUCT FACE AREA FROM 0 TO 4 SQ. FT. HANGERS 98" O.C. MAX  
DUCT FACE AREA FROM 4 TO 10 SQ. FT. HANGERS 72" O.C. MAX  
DUCT FACE AREA FROM 10 AND GREATER HANGERS 48" O.C. MAX

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

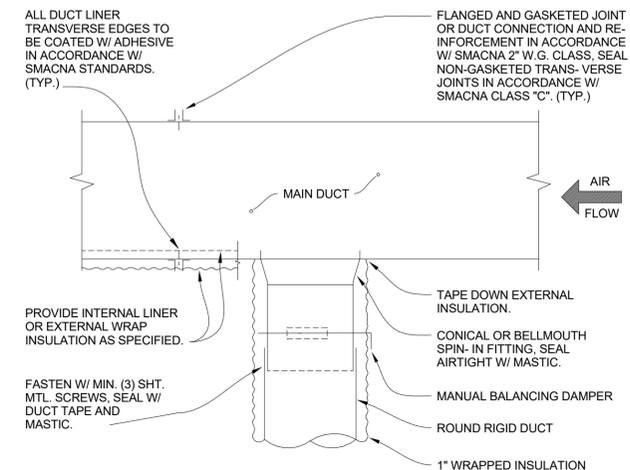
WHERE DUCT ARE GREATER THAN 2 SQ. FT. IN FACE AREA, HANGERS SHALL BE NOT LESS THAN 1"x1/8" STRAP STEEL.

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.

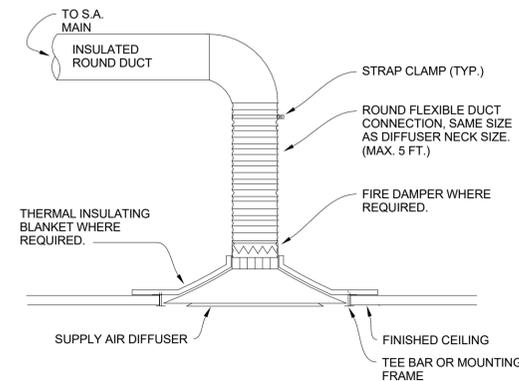
**2** ROUND DUCT SUPPORT SCHEMATIC  
Scale: 12" = 1'-0"



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



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



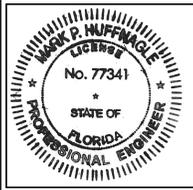
**6** DIFFUSER MOUNTING SCHEMATIC  
Scale: 12" = 1'-0"



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STARBUCKS TEMPLATE VERSION: I2021.10.22



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PROJECT ADDRESS:  
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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
1	10/12/23		REV 1: COUNTY CYCLE 1

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.

EXISTING 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	700	1132	1	
1	RTU-2	THC120	10	12.4	2.75	4000	.8	-	208/3	20.3 KW	2	120 MBH	90 MBH	700	1132	1	

**NOTES:**

- EXISTING LANDLORD UNIT SHALL BE TESTED, OPERABLE AND PROVIDED WITH MERV 8 FILTERS.

EXISTING LANDLORD 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	1	

**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.

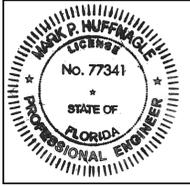


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STARBUCKS TEMPLATE VERSION: I2021.10.22



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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: EC  
CHECKED BY: BS

Revision Schedule			
Rev	Date	By	Description
1	10/12/23		REV 1: COUNTY CYCLE 1

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

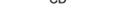
SHEET NUMBER:  
**M601**

**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 HOBBY ADVANSYS, THE UNIT IS TO BE PLUMBED WITH COLD, NON-FILTERED WATER. IF THE WATER FILTRATION SYSTEM IS A PENTAIR CONFIGURATION II OR III, THEN THE COLD, NON-FILTERED WATER MUST ALSO BE SOFTENED.

## INSULATION

### WATER PIPING

PROVIDE THERMAL INSULATION PER THE SPECIFICATIONS.

### SAFETY COVERS

FURNISH AND INSTALL SPECIFIED NO SCALD SAFETY COVERS WITH INSULATED FOAM LINER AND TAMPER PROOF STRAP AT ALL EXPOSED ADA SINK P-TRAPS AND WATER SUPPLIES AND AS REQUIRED BY JURISDICTION.

## PIPING

### CONDENSATE DRAINAGE PIPING

THE PLUMBING CONTRACTOR SHALL PROVIDE CONDENSATE DRAINS FOR AIR HANDLING UNITS AND STARBUCKS EQUIPMENT (REFER TO SCHEDULE). CONDENSATE DRAINAGE PIPING SHALL BE TYPE "M" COPPER TUBING WITH WROUGHT COPPER SWEAT FITTINGS JOINED WITH 50/50 SOLDER.

### TESTING

ALL PIPES SHALL BE TESTED BY AN APPROVED METHOD BEFORE THEY ARE BACKFILLED OR CONCEALED. AFTER TESTING IS COMPLETE, THE PLUMBING CONTRACTOR SHALL DISINFECT THE POTABLE WATER SYSTEM AS REQUIRED BY LOCAL AUTHORITY. TEST WATER PURITY ACCORDING TO LOCAL REQUIREMENTS AND SUBMIT CERTIFIED TEST RESULTS TO ENGINEER FOR REVIEW AND APPROVAL.

## CARBONATION

IF APPLICABLE TO PROJECT SCOPE FOR CBE STATION, STARBUCKS CARBONATION VENDOR WILL PROVIDE AND INSTALL EQUIPMENT, CO2 TANKS AND FITTINGS. STARBUCKS SHALL PROVIDE AND CONTRACTOR SHALL INSTALL CO2 TANK MOUNTING BRACKET, PROTECTIVE SHELVEING 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 COUNTERTOPS, WHERE IT DOES NOT OBSTRUCT CABINETS/DEVICES AND WHERE APPROVED BY STARBUCKS CONSTRUCTION MANAGER. IF Routed THROUGH CABINETS, IT SHALL BE ROUTED TO MAXIMIZE STORAGE SPACE AND BE PROTECTED FROM DAMAGE.
- 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.

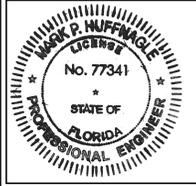


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STARBUCKS TEMPLATE VERSION: I2021.10.22



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
1	10/12/23		REV 1: COUNTY CYCLE 1

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
<b>DRAIN</b>					
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	WATT'S 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.
<b>FAUCET</b>					
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.
<b>FILTER</b>					
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			
<b>OTHER</b>					
11109	1	WATER HEATER TANK ELECTRIC			
21069	2	GREASE INTERCEPTOR GB75			
<b>SINK</b>					
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			
<b>TOILET</b>					
22558	2	TOILET - TANKLESS AUTOMATIC SINGLE FLUSH			

PLUMBING DESIGN PLAN NOTES

- FURNISH AND INSTALL A COMPLETE AND OPERATING SYSTEM. ALL ITEMS ARE NOT NECESSARILY SHOWN.
- LICENSEE'S PLUMBING CONTRACTOR IS 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.
- REFER TO MANUFACTURER SPECIFICATIONS FOR LOCATION OF CONNECTIONS UNLESS OTHERWISE NOTED.
- COORDINATE WITH LICENSEE'S ELECTRICAL CONTRACTOR FOR POWER CONNECTION TO ALL PLUMBING EQUIPMENT.
- 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.
- GENERAL CONTRACTOR SHALL CONTACT WATER FILTRATION SUPPLIER TO COORDINATE SOW AND SCHEDULE PRIOR TO INSTALLATION OF WATER FILTRATION SYSTEM.
- REFER TO OUTLINE SPECIFICATIONS SHEET FOR PLUMBING SPECIFICATION SECTIONS.
- ARCHITECT OF RECORD TO EVALUATE BUILDING HOT WATER SUPPLY AND DETERMINE IF WATER HEATER IS REQUIRED IN THIS SPACE IN ORDER TO MEET STARBUCKS REQUIREMENTS.
- PROVIDE FILTERED COLD WATER TO ESPRESSO MACHINE(S), BREWER(S), HOT WATER TAPS(S) WATER TOWER(S) AND ICE MACHINE(S).

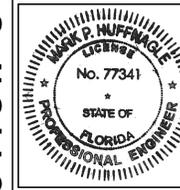


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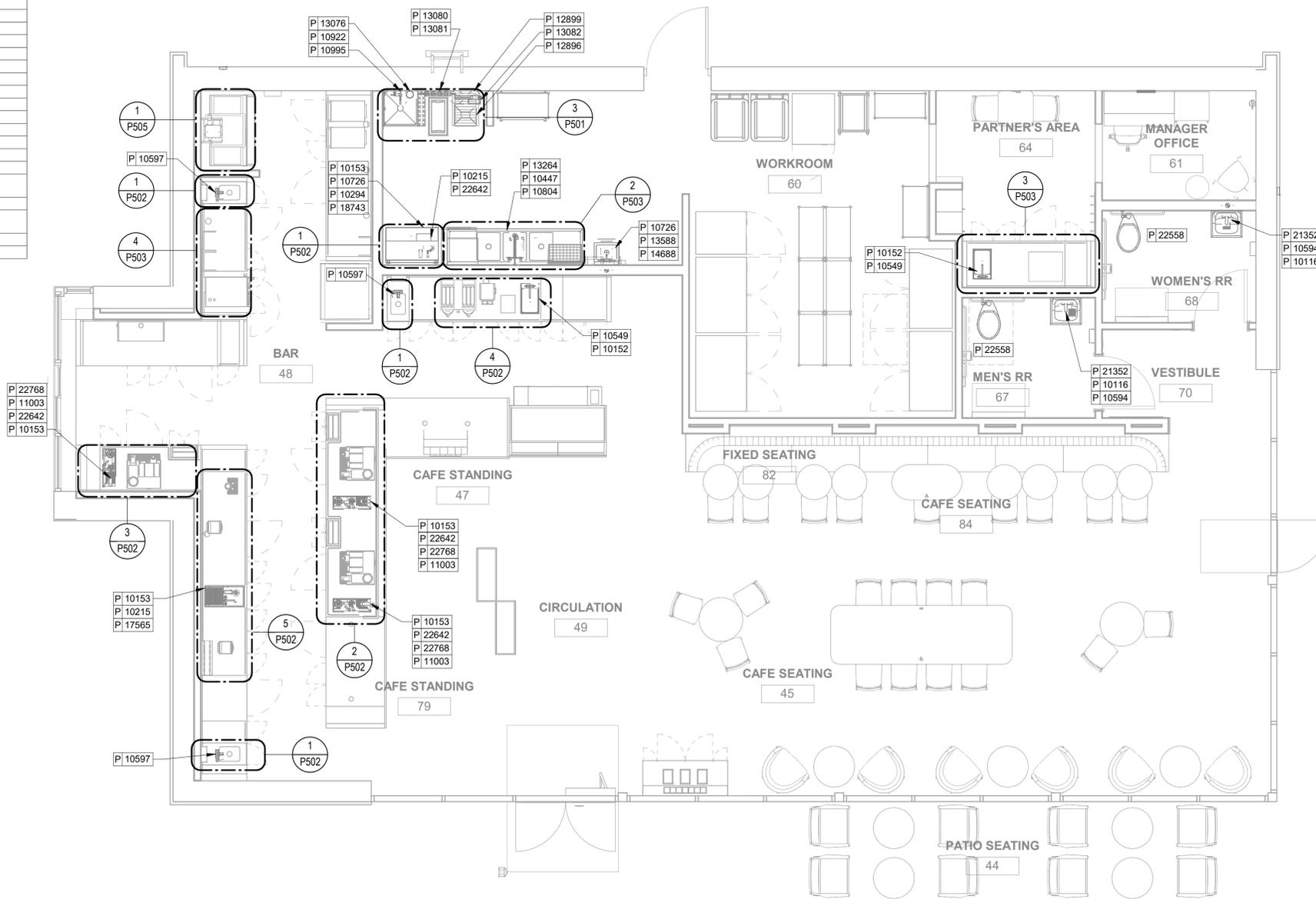
STORE #: 23308  
PROJECT #: 62233-050  
ISSUE DATE: 09/01/2023  
DESIGN MANAGER:  
PRODUCTION DESIGNER: CAH  
CHECKED BY: BM

Revision Schedule			
Rev	Date	By	Description
1	10/12/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**PLUMBING DESIGN PLAN**  
SCALE: AS SHOWN

SHEET NUMBER:  
**P100**

PERMIT SET - FOR CONSTRUCTION USE



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

## PLUMBING FIXTURE SCHEDULE - "P"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
<b>DRAIN</b>					
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.
<b>FAUCET</b>					
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.
<b>FILTER</b>					
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			
<b>OTHER</b>					
11109	1	WATER HEATER TANK ELECTRIC			
21669	2	GREASE INTERCEPTOR GB75			
<b>SINK</b>					
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			
<b>TOILET</b>					
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.

### BACKFLOW PREVENTER SCHEDULE

DESCRIPTION	WATTS MODEL NUMBER	ASSE NUMBER	REMARK
CARBONATED BEVERAGE MACHINE	SD-3	1022	SEE GENERAL NOTE #1
NON - CARBONATED BEVERAGE MACHINE	SD-3	1022	SEE GENERAL NOTE #1
ESPRESSO MACHINE	LF7	1024	SEE GENERAL NOTE #1
ICE MACHINE	LF7	1024	SEE GENERAL NOTE #1
COMBI OVEN	LF7	1024	SEE GENERAL NOTE #1

GENERAL NOTE:  
1. PROVIDE BACKFLOW PREVENTER AHEAD OF DOMESTIC WATER CONNECTION TO EQUIPMENT.

### STARBUCKS OWNER'S PROJECT REQUIREMENTS AND BASIS OF DESIGN

PLUMBING	OPR	BOD
<b>DELIVERED TEMP - See MEP Design Guidelines and Water Supply Matrix</b>		
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.	
<b>PIPING</b>		
MATERIAL	COPPER OR PEX	
INSULATION	HOT SUPPLY AND RECIRC RETURN	
<b>HOT WATER SYSTEM</b>		
TYPE	50 GAL TANK OR TANKLESS	TANK / TANKLESS
ENERGY SOURCE	GAS PREFERRED WHEN AVAILABLE	GAS / ELECTRIC / HEAT PUMP
EFFICIENCY	96% GAS / 90% ELECTRIC	%
<b>MIXING VALVE</b>		
	140 MAX. DESIGN TEMP TO ACHIEVE FAUCET TEMPS	MIXING VALVE SETPOINT
<b>RECIRCULATION PUMP</b>		
SCHEDULE	CONTINUOUS W/ HOUR OF OPERATION	
<b>WATER EFFICIENCY</b>		
	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	
<b>FILTRATION - See MEP Design Guidelines and Water Supply Matrix</b>		
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	
<b>EQUIPMENT</b>		
ICE MACHINE	OPR	BOD
	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.
- CONTRACTOR PROVIDE LAVATORY IN RESROOM AREA WITH TRUBRO MODEL E-Z ANT-BACTERIA/FUNGAL, MOLD VINYL P-TRAP COVER, TWO ANGLE VALVE AND SUPPLY COVER, 5" OFFSET TAILPIECE WHEEL CHARI STRAINER COVER.

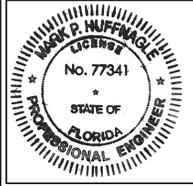


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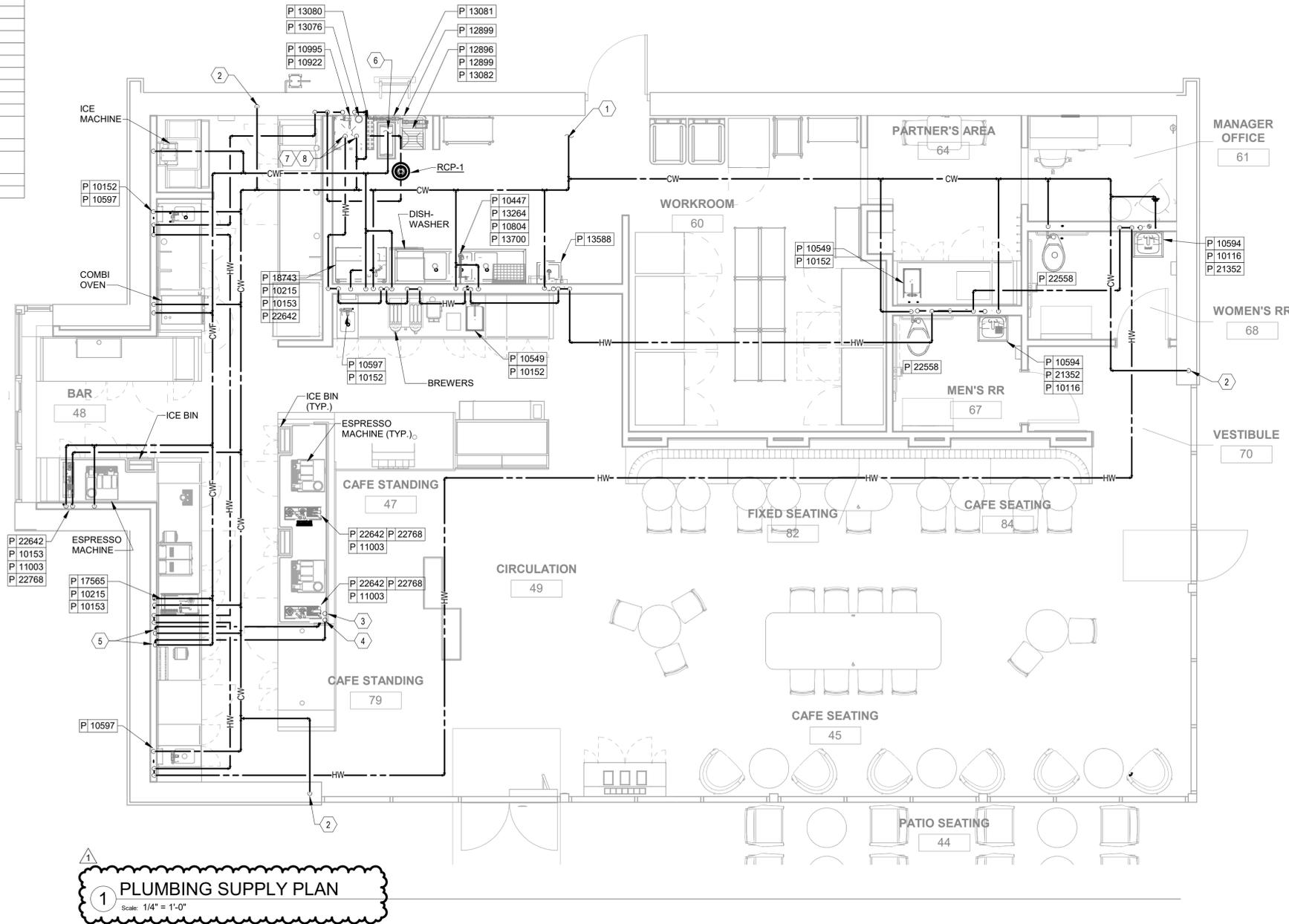
PROJECT ADDRESS:  
**3645 ALOMA AVENUE  
OVIEDO, FL 32765**

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

Revision Schedule			
Rev	Date	By	Description
1	10/12/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**PLUMBING SUPPLY PLAN**  
SCALE: AS SHOWN

SHEET NUMBER:  
**P101**



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

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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:  
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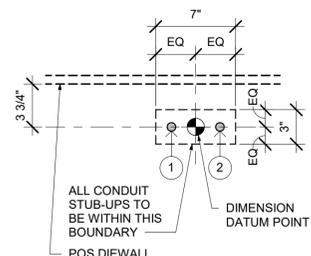
Revision Schedule			
Rev	Date	By	Description
1	10/12/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**PLUMBING DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:

P501

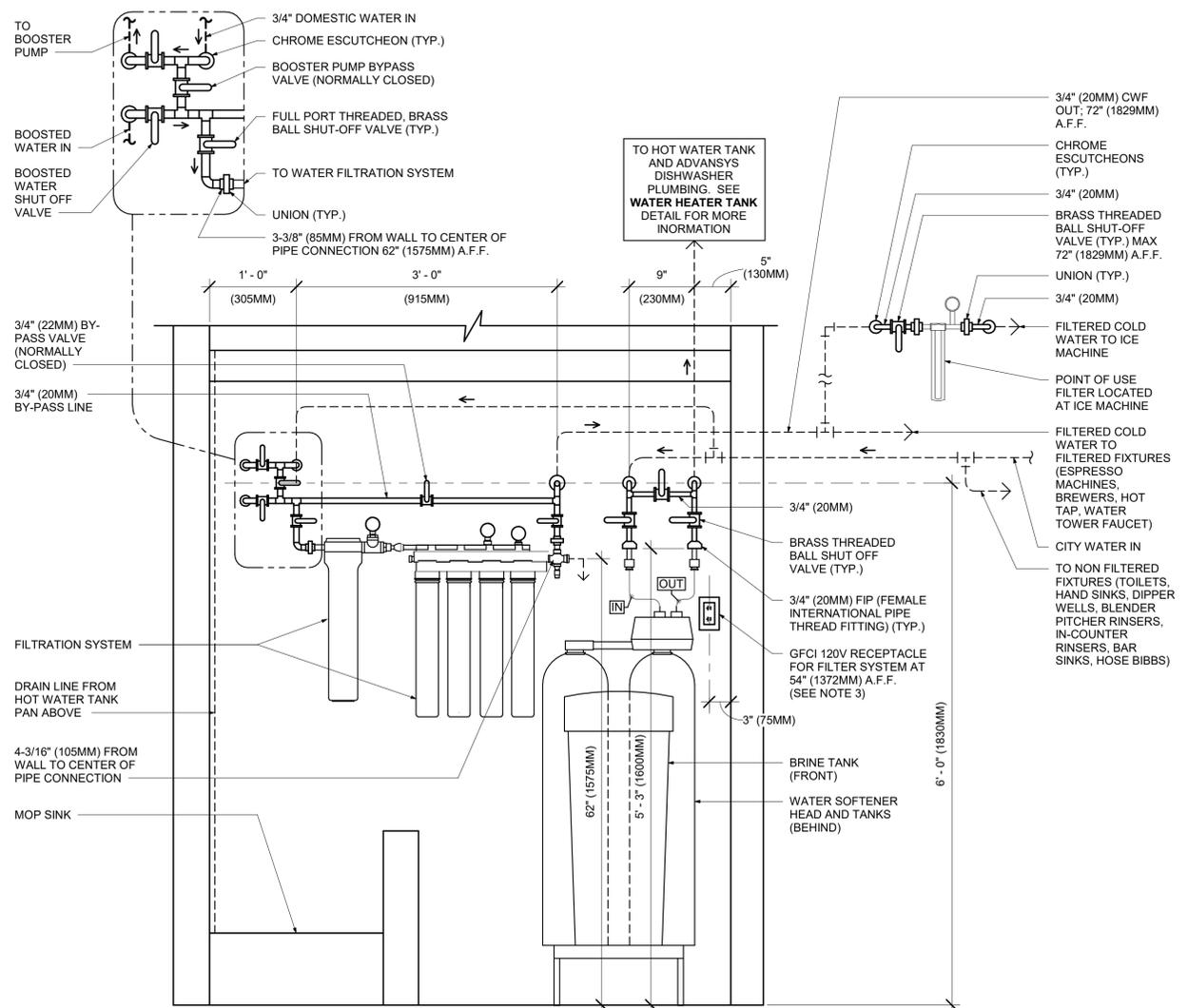


ESPRESSO BAR PLUMBING STUB-UP KEY	
1	CWF STUB-UP
2	CW STUB-UP

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

**1 PLUMBING STUB-UPS AT ESPRESSO BAR**

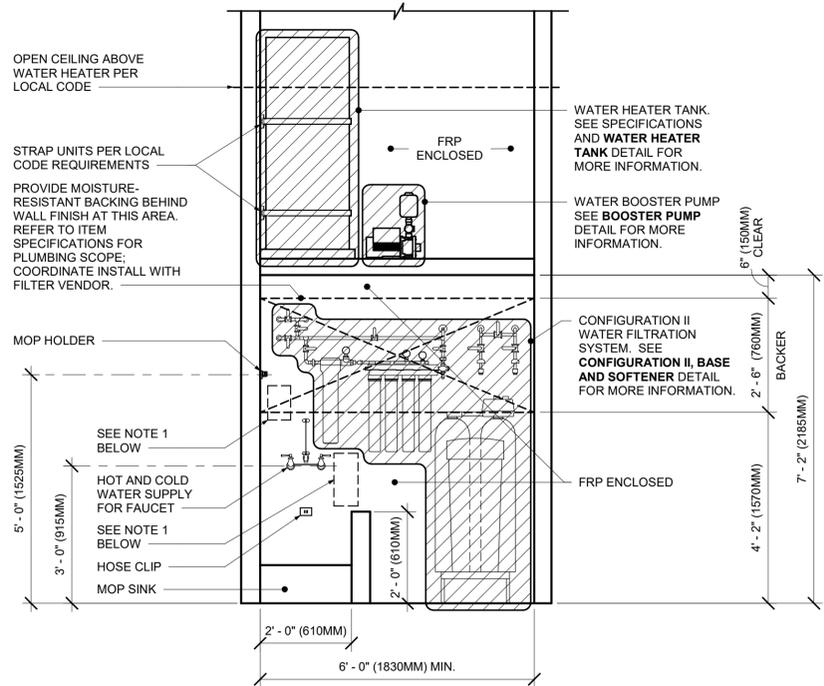
Scale: 1 1/2" = 1'-0"



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

**3 CONFIGURATION II**

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



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STARBUCKS TEMPLATE VERSION: 12021.10.22



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STORE #: 23308  
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ISSUE DATE: 09/01/2023  
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PRODUCTION DESIGNER:  
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Revision Schedule			
Rev	Date	By	Description
1	10/12/23		REV 1: COUNTY CYCLE 1

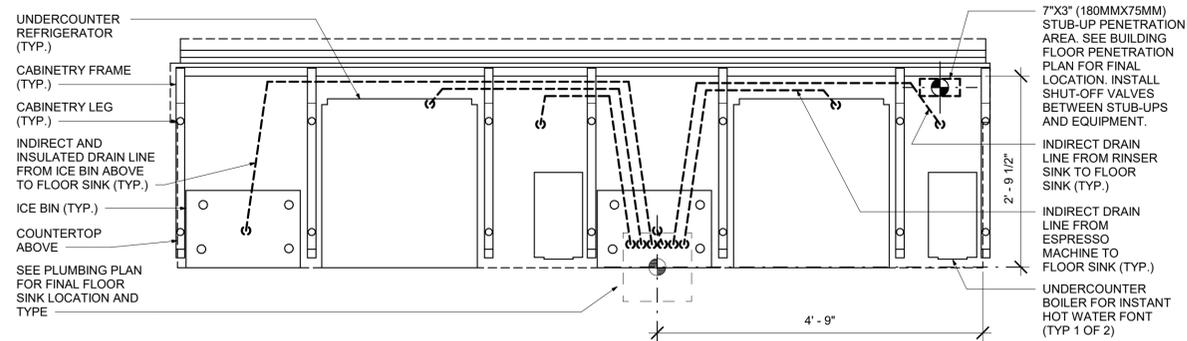
SHEET TITLE:  
**PLUMBING DETAILS**

SCALE: AS SHOWN

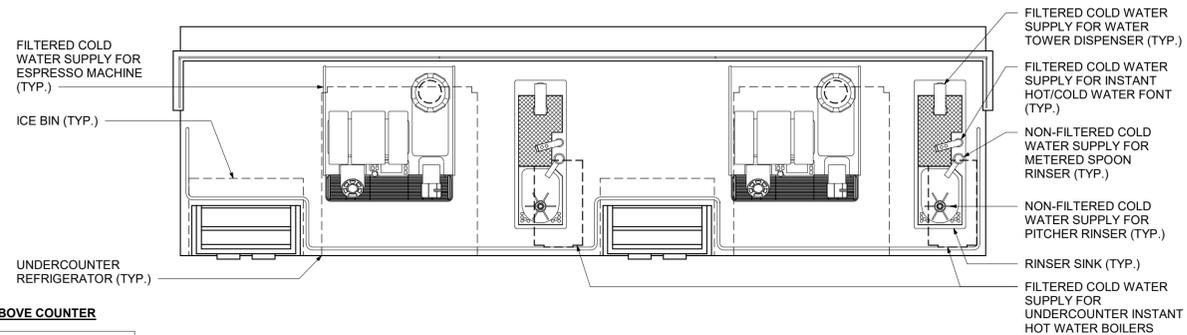
SHEET NUMBER:

**P502**

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**UNDER COUNTER**

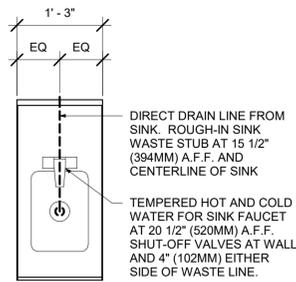


**ABOVE COUNTER**

ADAPTABLE CASEWORK DETAIL

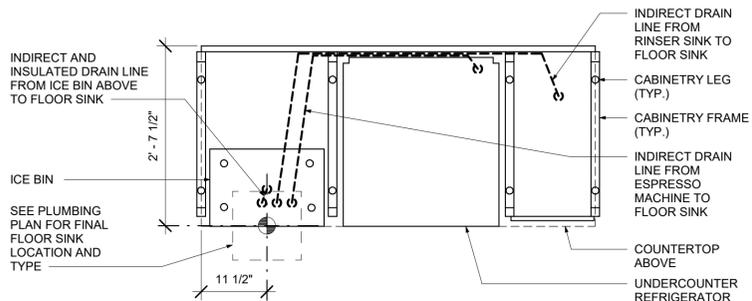
**2 ESP 05-02 PLUMBING**

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

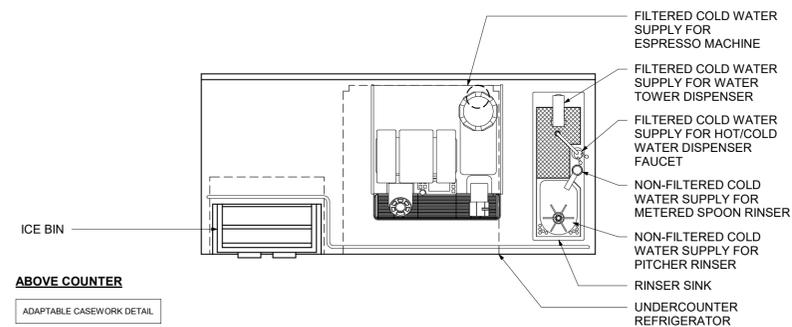


**1 ADD-ON HAND SINK PLUMBING**

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



**UNDER COUNTER**

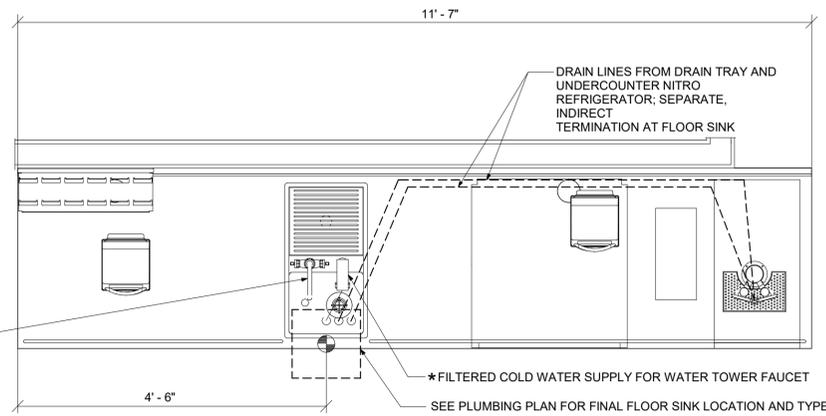


**ABOVE COUNTER**

ADAPTABLE CASEWORK DETAIL

**3 ESP 06-01 PLUMBING**

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

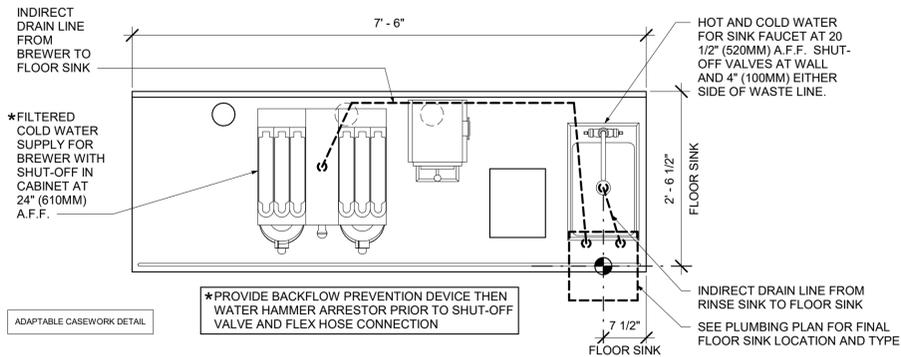


\*PROVIDE WATER HAMMER ARRESTOR PRIOR TO SHUT-OFF VALVE AND FLEX HOSE CONNECTION

HOT AND NON-FILTERED COLD WATER FOR SINK FAUCET AT 20 1/2" (520MM) A.F.F. SHUT-OFF VALVES AT WALL AND 4" (100MM) EITHER SIDE OF WASTE LINE

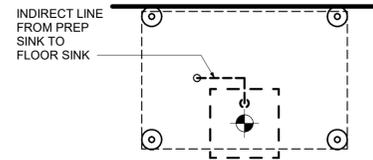
**5 CBE 14-02 PLUMBING**

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

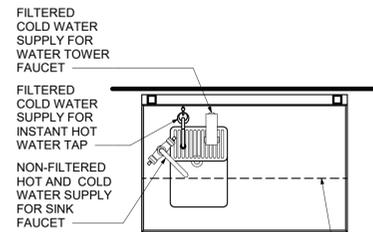


**4 BRW 09-01 PLUMBING**

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



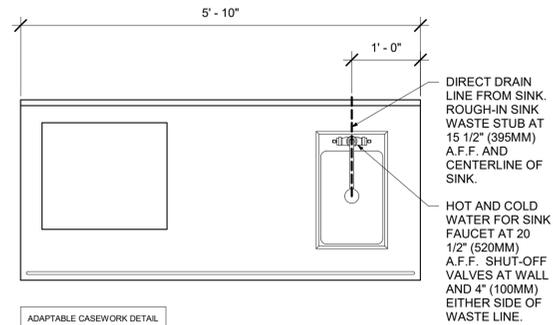
**AT FLOOR LEVEL**



**ABOVE COUNTERTOP**

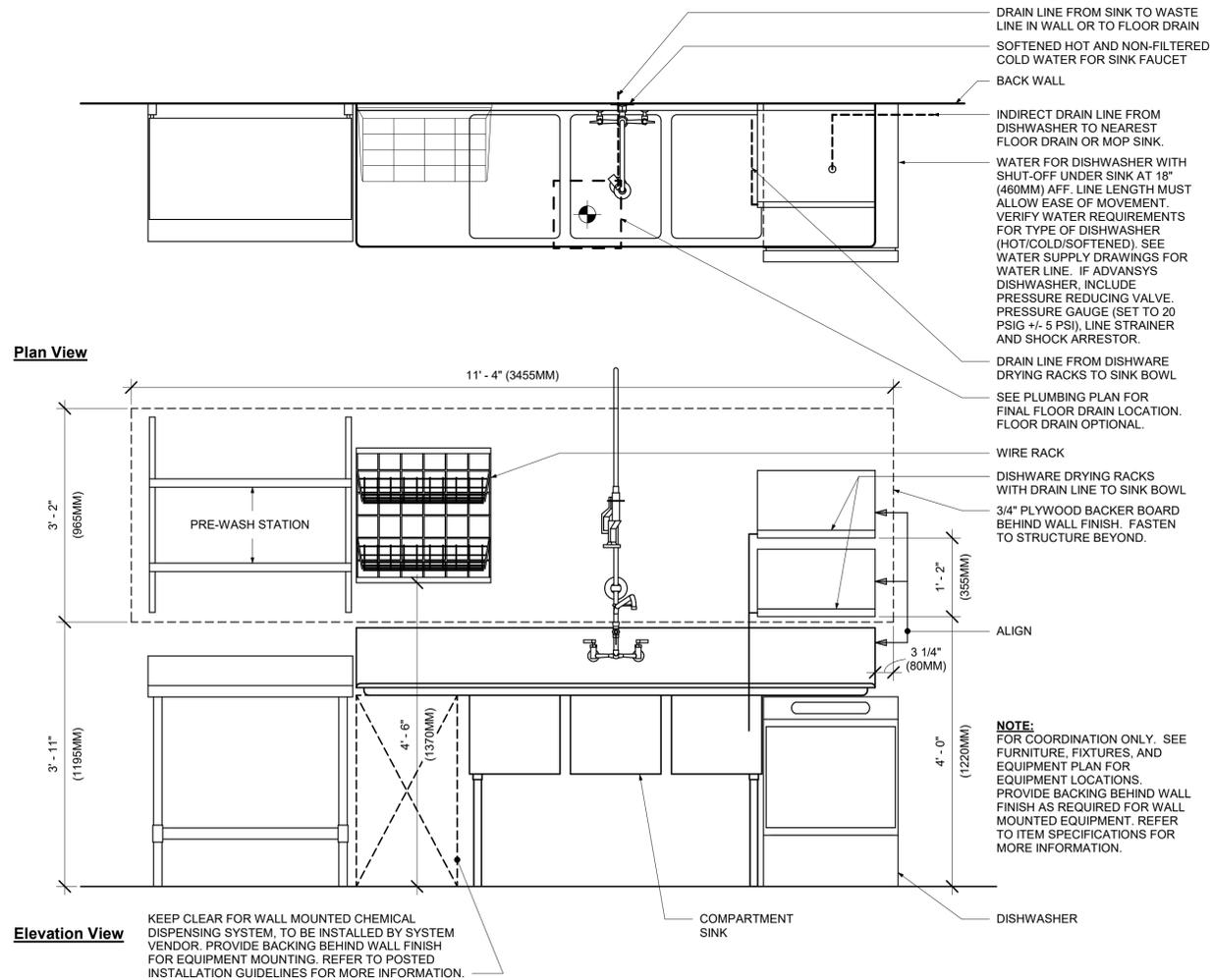
SHELVING ABOVE

**1 WATER FILLING STATION - PLUMBING**  
 Scale: 3/4" = 1'-0"

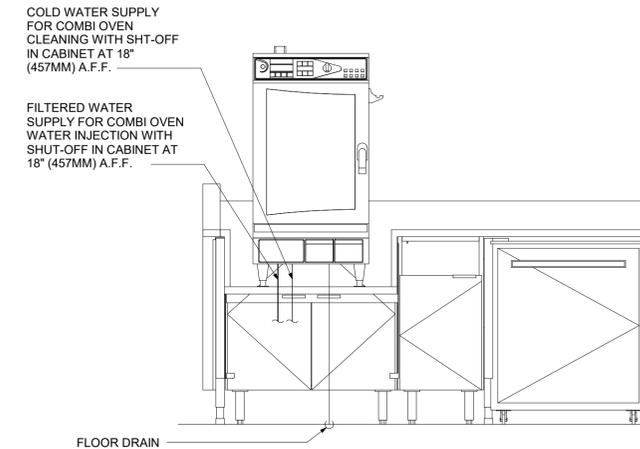


ADAPTABLE CASEWORK DETAIL

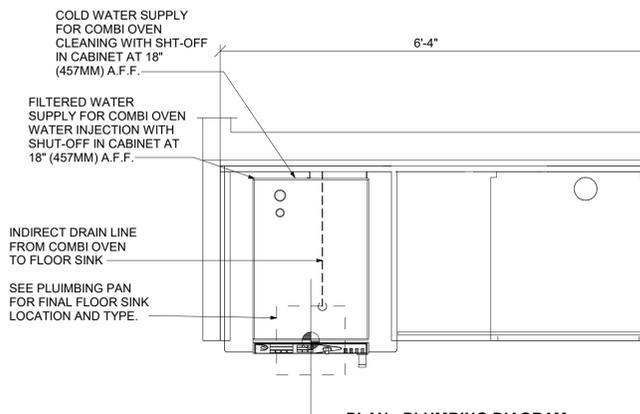
**3 ADD-20-03 PARTNER AMENITY PLUMBING**  
 Scale: 3/4" = 1'-0"



**2 SANITIZING (GENERIC) - PLUMBING**  
 Scale: 3/4" = 1'-0"



**ELEVATION - PLUMBING DIAGRAM**



**PLAN - PLUMBING DIAGRAM**

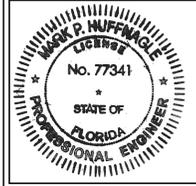
**4 CBE 19-01 PLUMBING**  
 Scale: 3/4" = 1'-0"



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PROJECT 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:  
 CHECKED BY:

Revision Schedule			
Rev	Date	By	Description
1	10/12/23		REV 1: COUNTY CYCLE 1

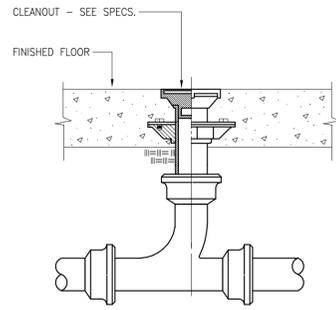
SHEET TITLE:  
**PLUMBING DETAILS**

SCALE: AS SHOWN

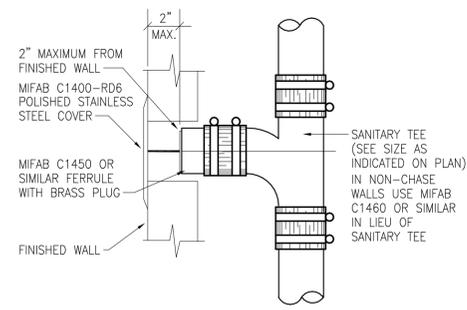
SHEET NUMBER:

**P503**

**PERMIT SET - FOR CONSTRUCTION USE**

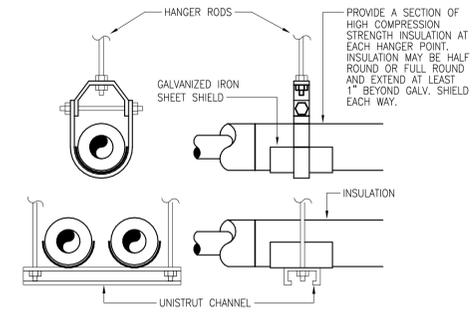


**1 FLOOR CLEANOUT1**  
Scale: 1/8" = 1'-0"

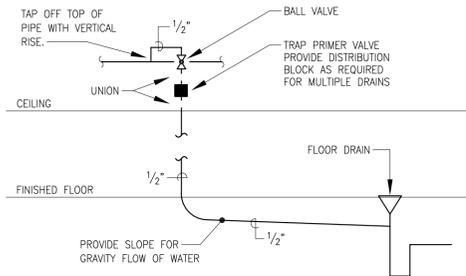


**2 WALL CLEANOUT1**  
Scale: 1/8" = 1'-0"

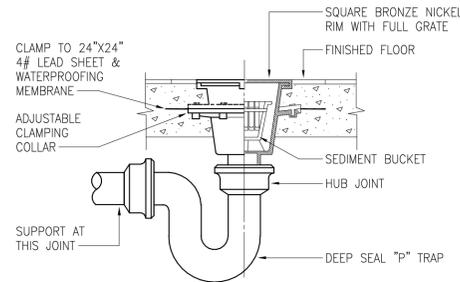
MINIMUM DIMENSIONS OF GALVANIZED SHEETMETAL PROTECTION SHIELDS AT PIPE HANGERS		
NOMINAL SIZE PIPE	SHIELD LENGTH (IN.)	GAUGE THICKNESS
1/2" & 3/4"	12	18
1" - 2-1/2"	12	18
3" - 4"	16	18
6"	18	16



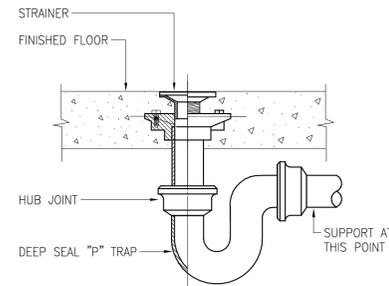
**3 HANGER FOR INSULATED PIPING1**  
Scale: 1/8" = 1'-0"



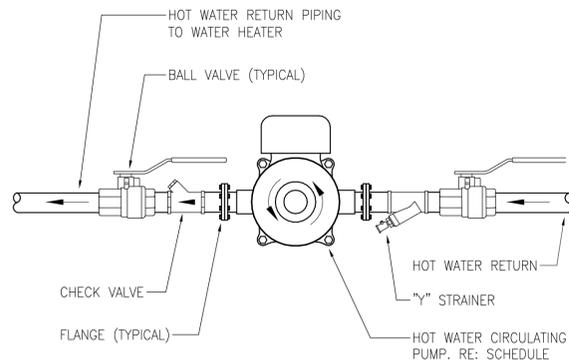
**4 TRAP PRIMER1**  
Scale: 1/8" = 1'-0"



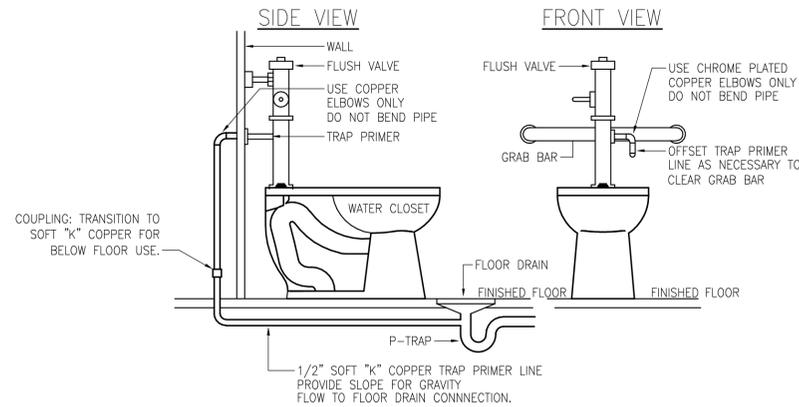
**5 FLOOR SINK1**  
Scale: 1/8" = 1'-0"



**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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STORE #: 23308  
PROJECT #: 62233-050  
ISSUE DATE: 09/01/2023  
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Revision Schedule			
Rev	Date	By	Description
1	10/12/23		REV 1: COUNTY CYCLE 1

SHEET TITLE:  
**PLUMBING DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:  
**P504**

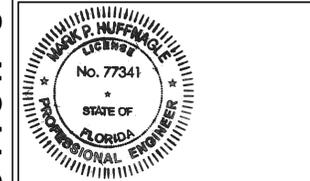


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PROJECT NAME:  
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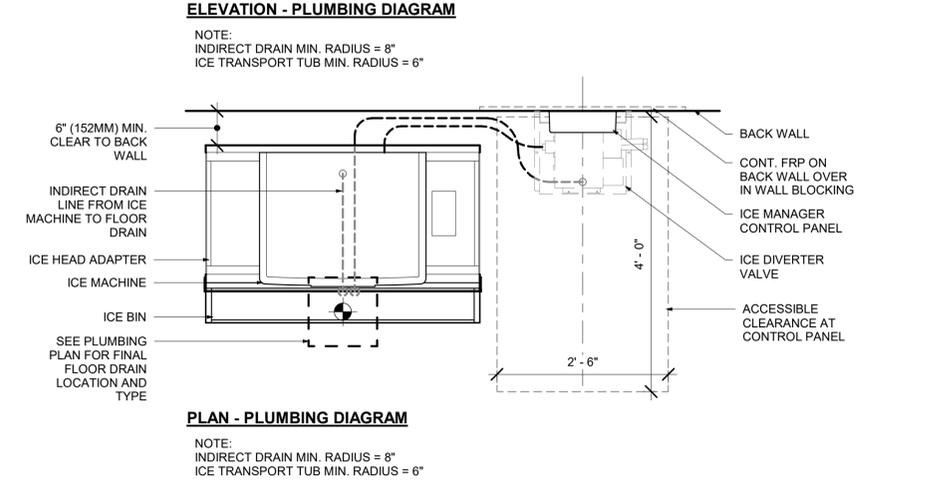
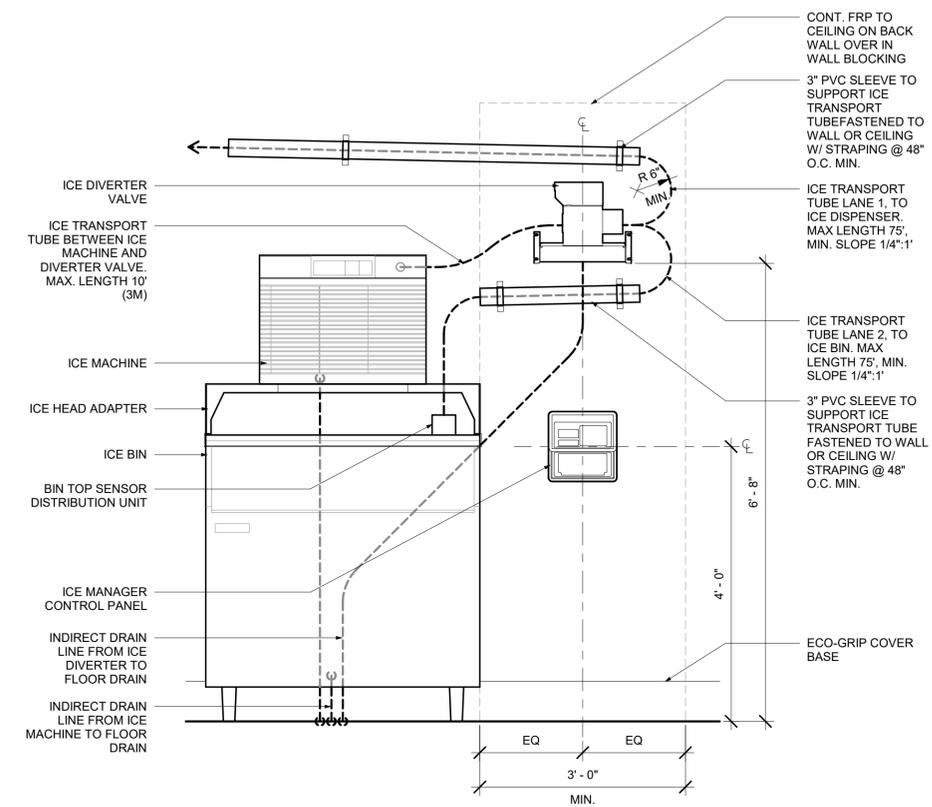
STORE #: 23308  
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Revision Schedule			
Rev	Date	By	Description
1	10/12/23		REV 1: COUNTY CYCLE 1

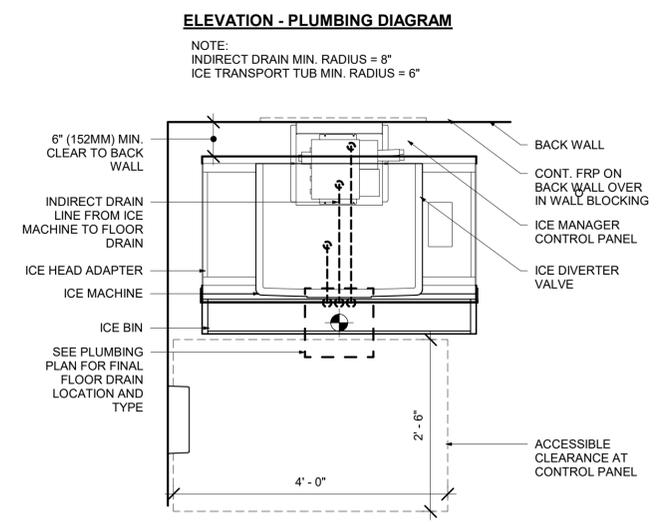
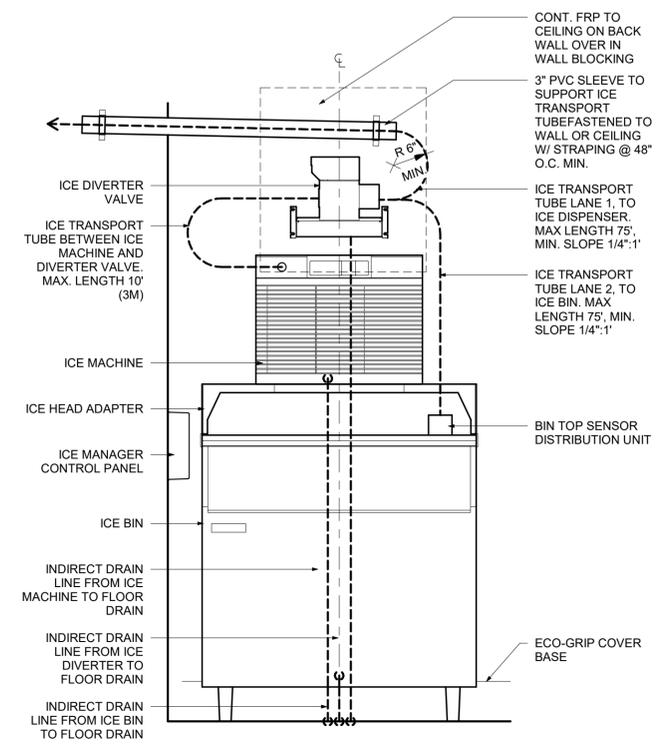
SHEET TITLE:  
**PLUMBING DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:  
**P505**



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



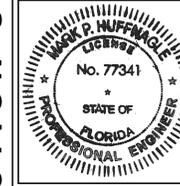
**2 PLUMBING - NUGGET ICE - PEDESTAL STACK**  
Scale: 3/4" = 1'-0"



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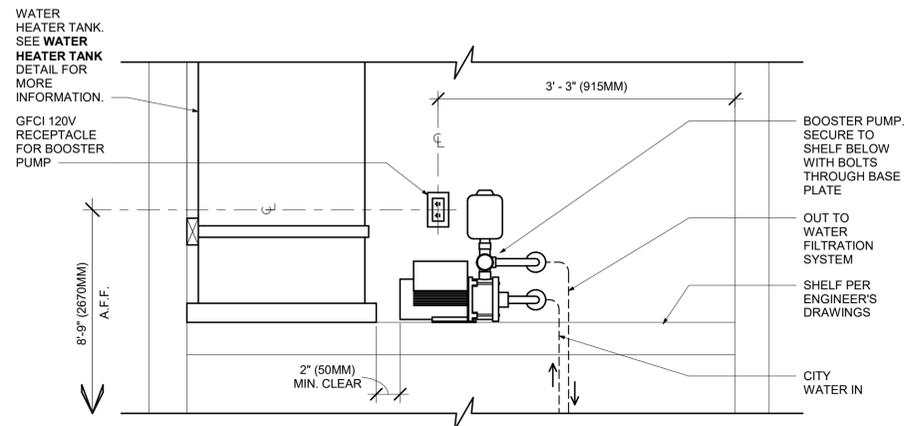
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**PLUMBING DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:

**P506**

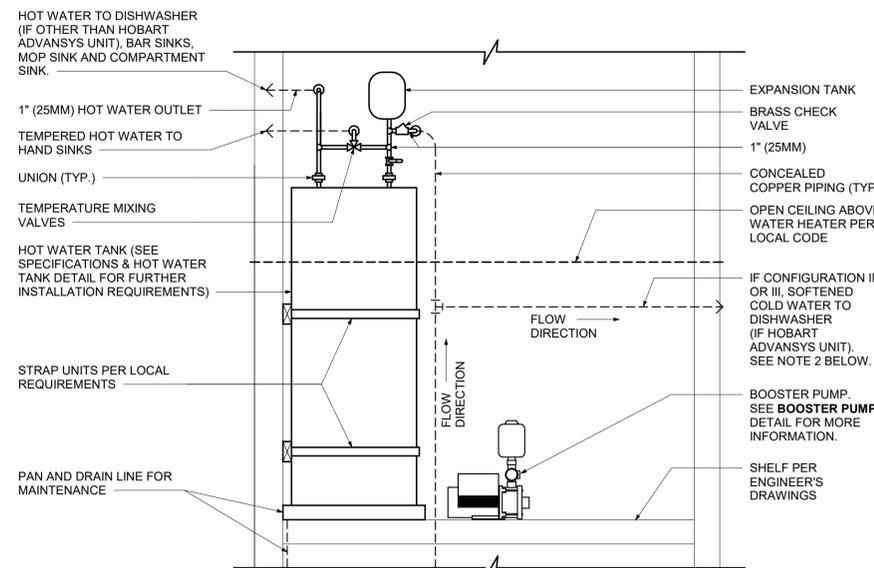


**4 BOOSTER PUMP - PLUMBING**

Scale: 1" = 1'-0"

**4 BOOSTER PUMP - PLUMBING**

Scale: 1" = 1'-0"

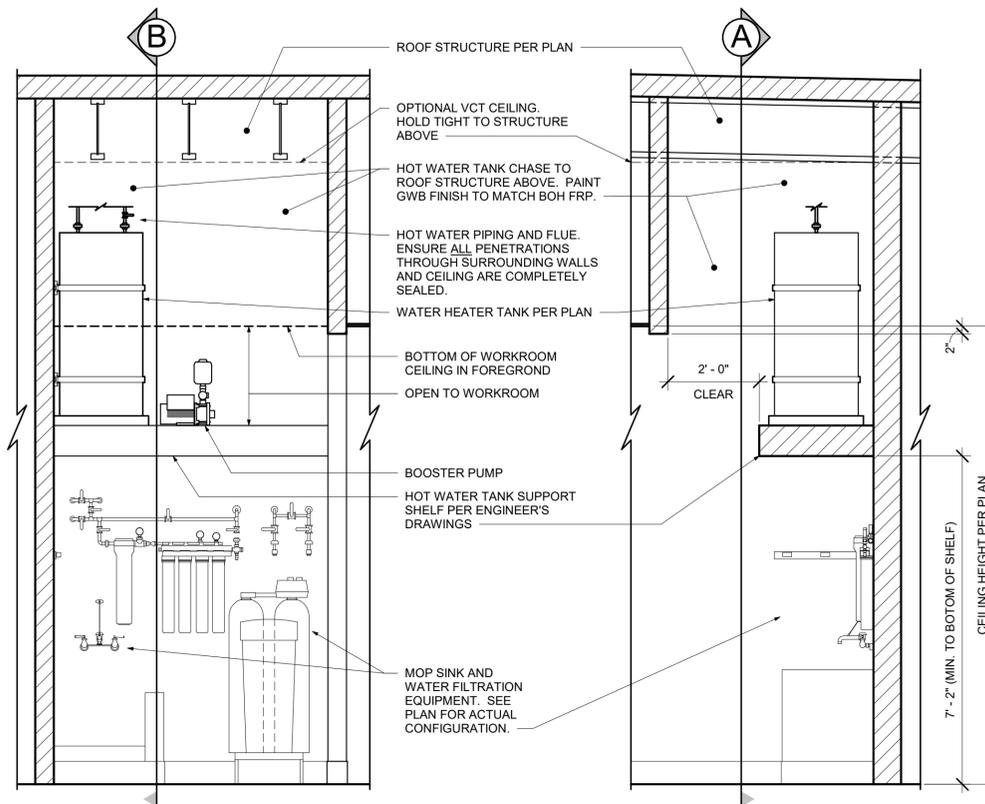


**2 WATER HEATER TANK - PLUMBING**

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

**2 WATER HEATER TANK - PLUMBING**

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



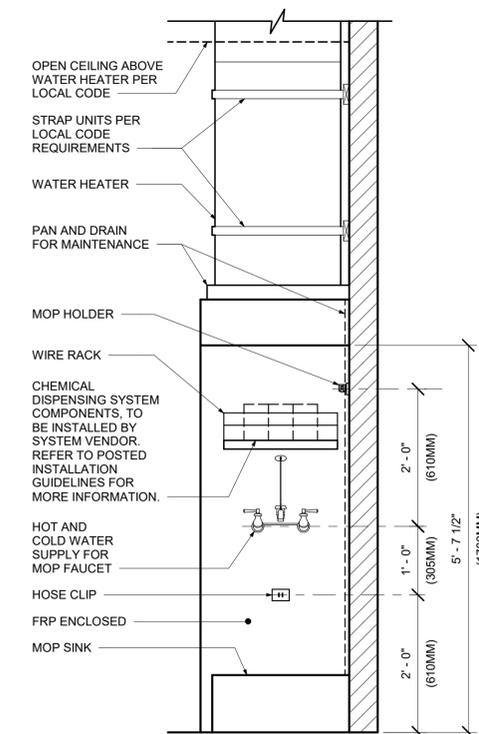
**SECTION A**

**3 WATER HEATER TANK CHASE**

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

**3 WATER HEATER TANK CHASE**

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



**1 MOP SINK (STACKED) - PLUMBING**

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

**1 MOP SINK (STACKED) - PLUMBING**

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

