





C:\Users\kailey.jennings\Documents\98504-001\_TBD\_US 17-92 & Lake Mary Blvd, FL\_2021\_kailey.jennings.rvt 8/3/2023 12:29:50 PM

EGRESS CALCULATION	
EXIT WIDTH REQUIRED - 05 OCC X 0.2	= 1 IN.
EXIT WIDTH PROVIDED	= 79 IN.
EXITS	= 42 IN. PRIMARY ENTRY, 37 IN. PRIMARY ENTRY
EXITS REQUIRED	= 01
EXITS PROVIDED	= 02
MAXIMUM ALLOWABLE TRAVEL DISTANCE	= 200 FT. 0 IN.
MAXIMUM TRAVEL DISTANCE PROVIDED	= 66 FT. 3 IN.
MINIMUM EXIT SEPARATION	= 68 FT. 0 IN. (MAXIMUM DIAGONAL) / 2 = 34 FT 0 IN.
EXIT SEPARATION PROVIDED	= 51 FT. 6 IN.

PLUMBING FIXTURE CALCULATION					
CHAPTER 29-29023 (FOR REFERENCE ONLY)					
OCCUPANCY	05				
FIXTURES	WATERCLOSETS		URINALS	LAVATORIES	WATER FOUNTAIN
	ADD EQUATION PER AHJ		ADD EQUATION PER AHJ	ADD EQUATION PER AHJ	ADD EQUATION PER AHJ
	REQUIRED:	01 WC PER 25 M   01 WC PER 25 F	00 U PER M	01 LAV PER 40 M   01 LAV PER 40 F	NOT REQUIRED
PROVIDED:	01 WC PER 03 M   01 WC PER 03 F		00 U PER M	01 LAV PER 03 M   01 LAV PER 03 F	NOT REQUIRED

OCCUPANCY	
BEVERAGE PREP (KITCHEN): 487 SQ. FT. / 200 SQ. FT. / OCC	03 OCC
WORKROOM (STORAGE): 600 SQ. FT. / 300 SQ. FT. / OCC	02 OCC
TOTAL INTERIOR OCCUPANCY:	05 OCC
TOTAL EXTERIOR OCCUPANCY:	06 OCC
TOTAL OCC LOAD:	11 OCC

ROOM SCHEDULE

NAME	AREA (SF)
BEVERAGE PREP	487
EGRESS - UNOCCUPIABLE	319
WORKROOM	600
GRAND TOTAL	1406

OCCUPANCY NOTES

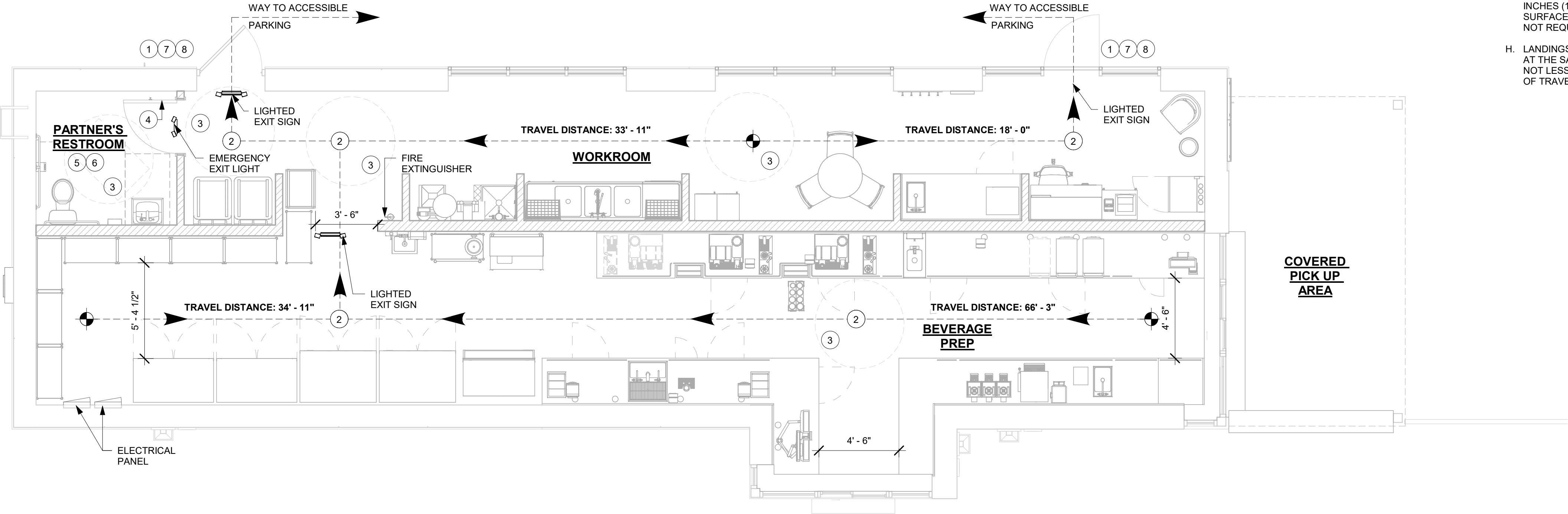
OCCUPANCY CLASSIFICATION: B - BUSINESS  
TOTAL OCCUPANTS: 05

KEYED NOTES

- THRESHOLDS TO BE BARRIER FREE COMPLIANT PER ALL APPLICABLE CODES.
- BARRIER-FREE PATH OF TRAVEL.
- 60" (1525 MM) DIAMETER MINIMUM TURN RADIUS FOR WHEELCHAIR ACCESS.
- 32" (815 MM) MINIMUM CLEAR AT RESTROOM DOOR.
- SEE ENLARGED RESTROOM PLAN AND ELEVATIONS SHEET(S) FOR ADDITIONAL INFORMATION ON ACCESSIBLE RESTROOM CLEARANCES.
- PROVIDE BARRIER-FREE SIGNAGE AT ADA RESTROOMS PER ALL APPLICABLE CODES.
- PROVIDE TACTILE "EXIT" SIGNAGE.
- PROVIDE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN.

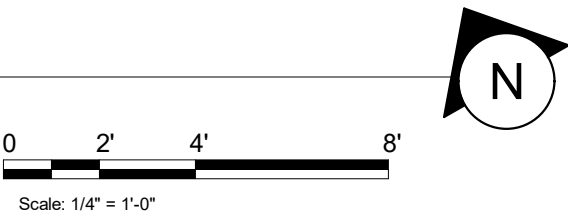
MEANS OF EGRESS NOTES

- A. EVERY ROOM OR SPACE THAT IS ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT ACCESS DOORWAY. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER AUTHORIZED AGENT. (1004.3)
- B. EGRESS SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, CLOSETS OR SIMILAR SPACES. (1014.2)
- C. PANIC AND FIRE EXIT HARDWARE, WHERE INSTALLED ON DOORS IN THIS BUILDING SHALL SATISFY THE FOLLOWING (1008.1.10):
- 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.
- D. STRUCTURAL ELEMENTS, FIXTURES OR FURNISHINGS SHALL NOT PROJECT HORIZONTALLY FROM EITHER SIDE MORE THAN 4 INCHES (100 MM) OVER ANY WALKING SURFACE BETWEEN 27 INCHES (685 MM) AND 80 INCHES (2030 MM) ABOVE THE WALKING SURFACE. EXCEPTION: HANDRAILS SERVING STAIRS AND RAMPS ARE PERMITTED TO PROTRUDE 4 1/2 INCHES (115 MM) FROM THE WALL. (1003.3.3)ES (1120 MM), (1008.1.5, 1008.1.6)
- E. THE PATH OF EGRESS TRAVEL EXITS AND WITHIN EXITS IN THIS BUILDING SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TO THE REQUIREMENTS OF SECTION 1011 AND AS NOTED BELOW:
- EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL.
  - EXIT SIGNS SHALL BE LOCATED AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL.
  - NO POINT IN A CORRIDOR SHALL BE MORE THAN 100 FT (30.5 M OR THE LISTED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN.
- F. WHERE KEY OPERATED LOCKING DEVICES ARE USED, POST A SIGN ON OR ADJACENT TO THE REQUIRED MAIN EXIT DOOR WITH 1 INCH (25 MM) LETTERING STATING THAT "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED". (1008.1.9.3)
- G. EGRESS DOORS OR GATES SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR EFFORT. DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34 INCHES (860 MM) TO 48 INCHES (1220 MM) ABOVE FINISHED FLOOR. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS ARE NOT PERMITTED. THE UNLATCHING OF ANY DOOR OR LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION. (1008.1.9)
- H. LANDINGS SHALL BE PROVIDED ON EACH SIDE OF DOORS AND SUCH LANDING SHALL BE AT THE SAME ELEVATION ON EACH SIDE OF THE DOOR. LANDINGS SHALL HAVE A WIDTH NOT LESS THAN THE WIDTH OF THE DOOR AND LENGTH MEASURED IN THE DIRECTION OF TRAVEL OF NOT LESS THAN 44 INCHES (1120 MM). (1008.1.5, 1008.1.6)



1 LIFE SAFETY ACCESSIBILITY PLAN

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



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FOR CONSTRUCTION

PROJECT NAME:  
**US 17-92 & LAKE MARY BLVD**

PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 23773**

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**LIFE SAFETY ACCESSIBILITY PLAN**  
SCALE: 1/4" = 1'-0"

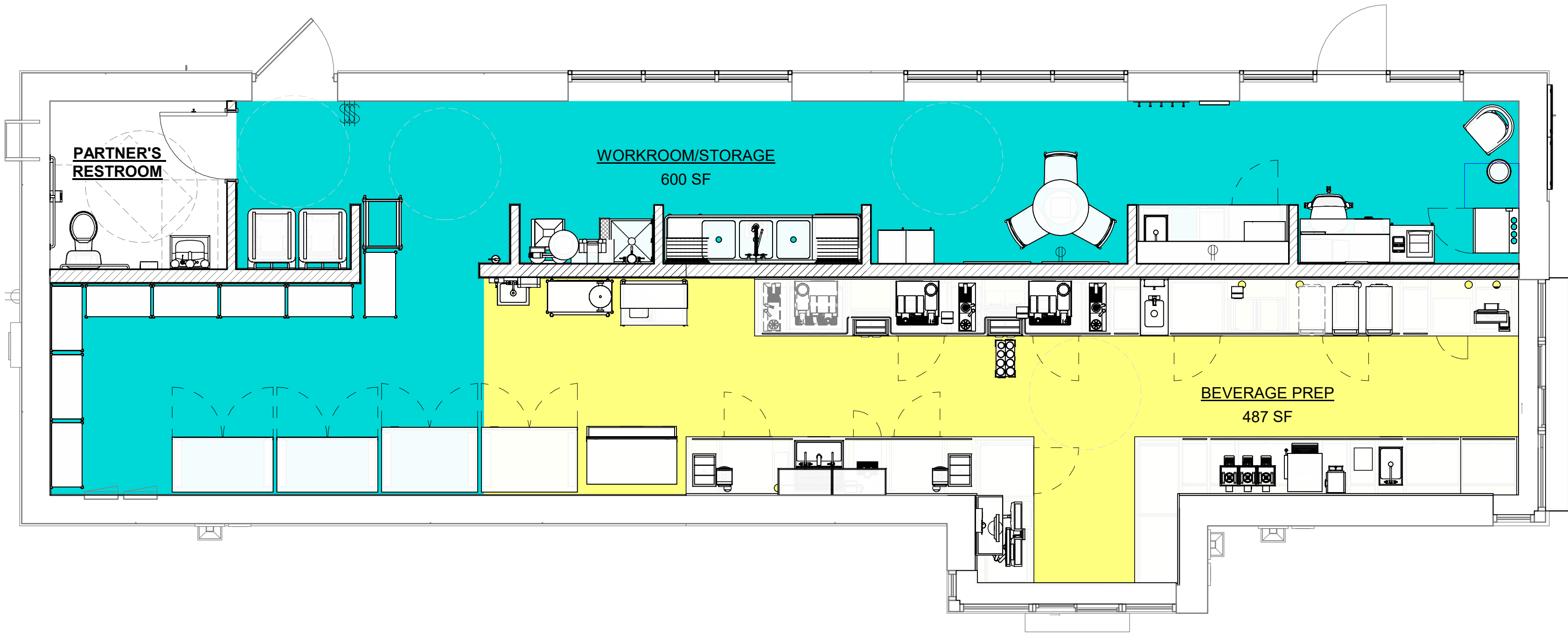
SHEET NUMBER:  
**G-002**

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AREA COLOR LEGEND

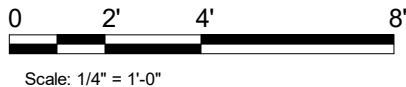
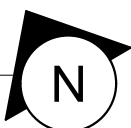
- BEVERAGE PREP.
- WORKROOM - STORAGE
- RESTROOM / UNOCCUPIABLE

AREA - OCCUPANT LOAD CALCS			
NAME	Area (SF)	LOAD FACTOR	OCCUPANT LOAD
BEVERAGE PREP	487	200	3
EGRESS - UNOCCUPIABLE	319	0	0
WORKROOM/STORAGE	600	300	2
GRAND TOTAL	1406		5



1 OCCUPANCY LOAD PLAN

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



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PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**OCCUPANCY LOAD  
PLAN**

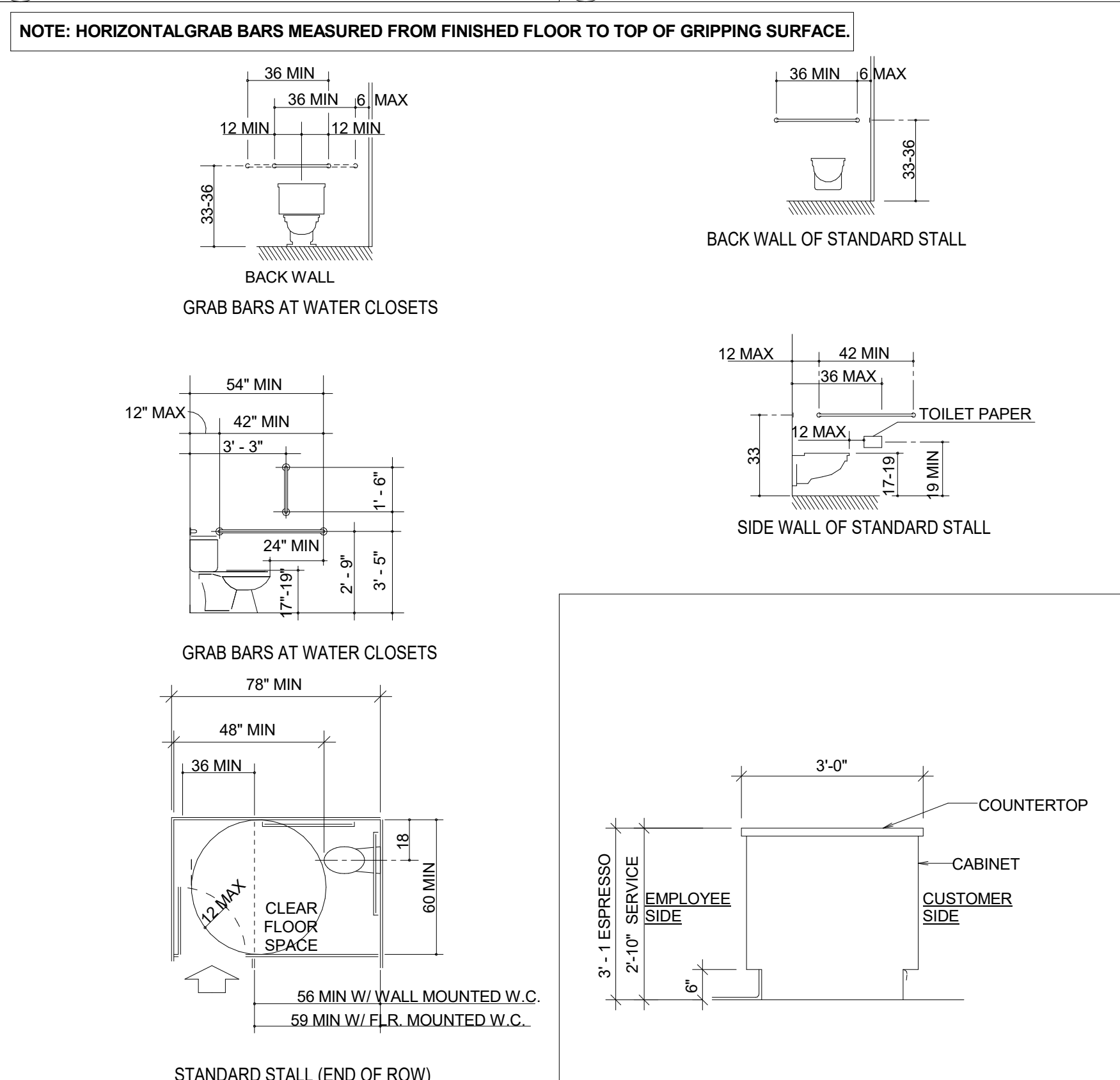
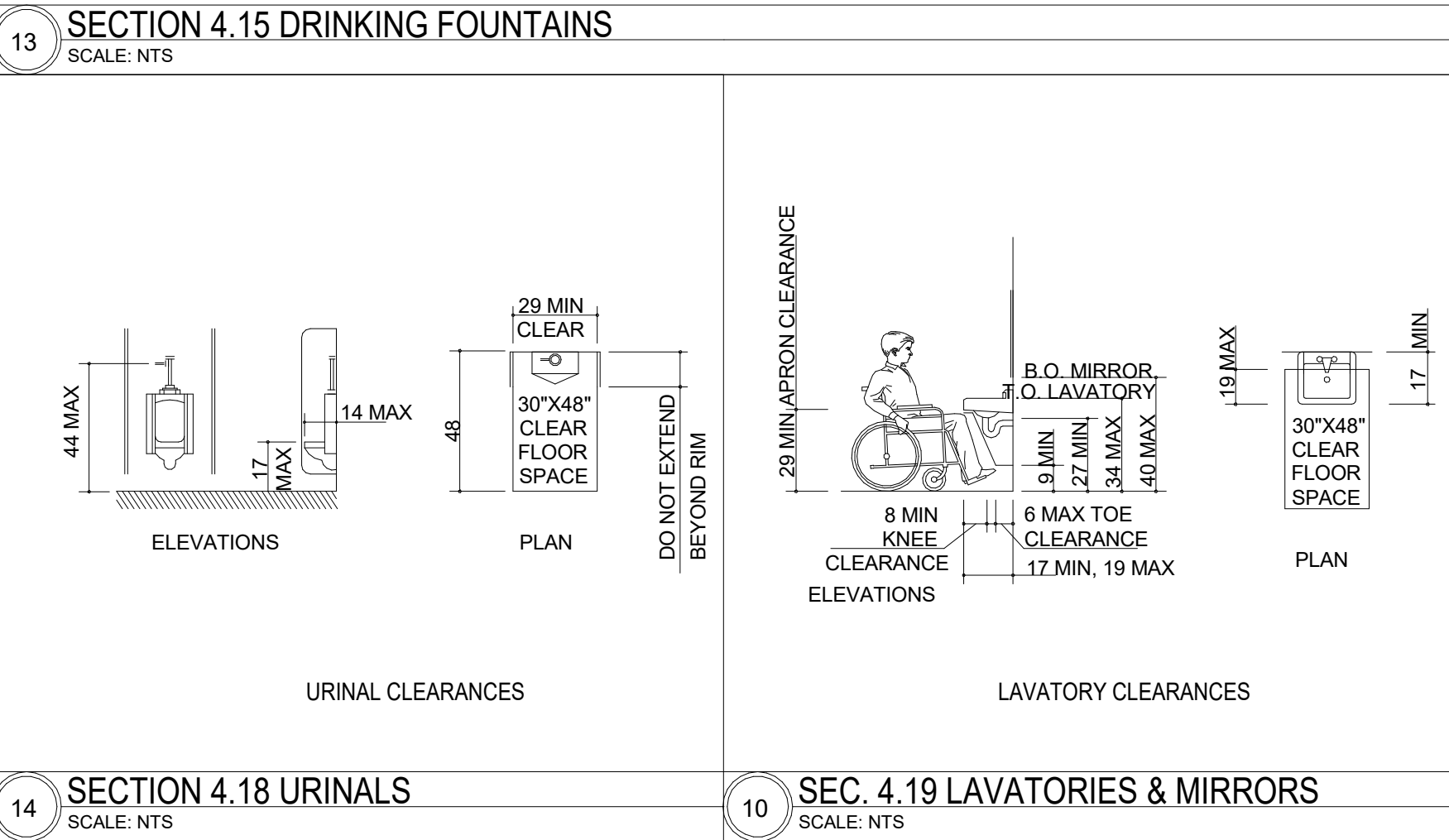
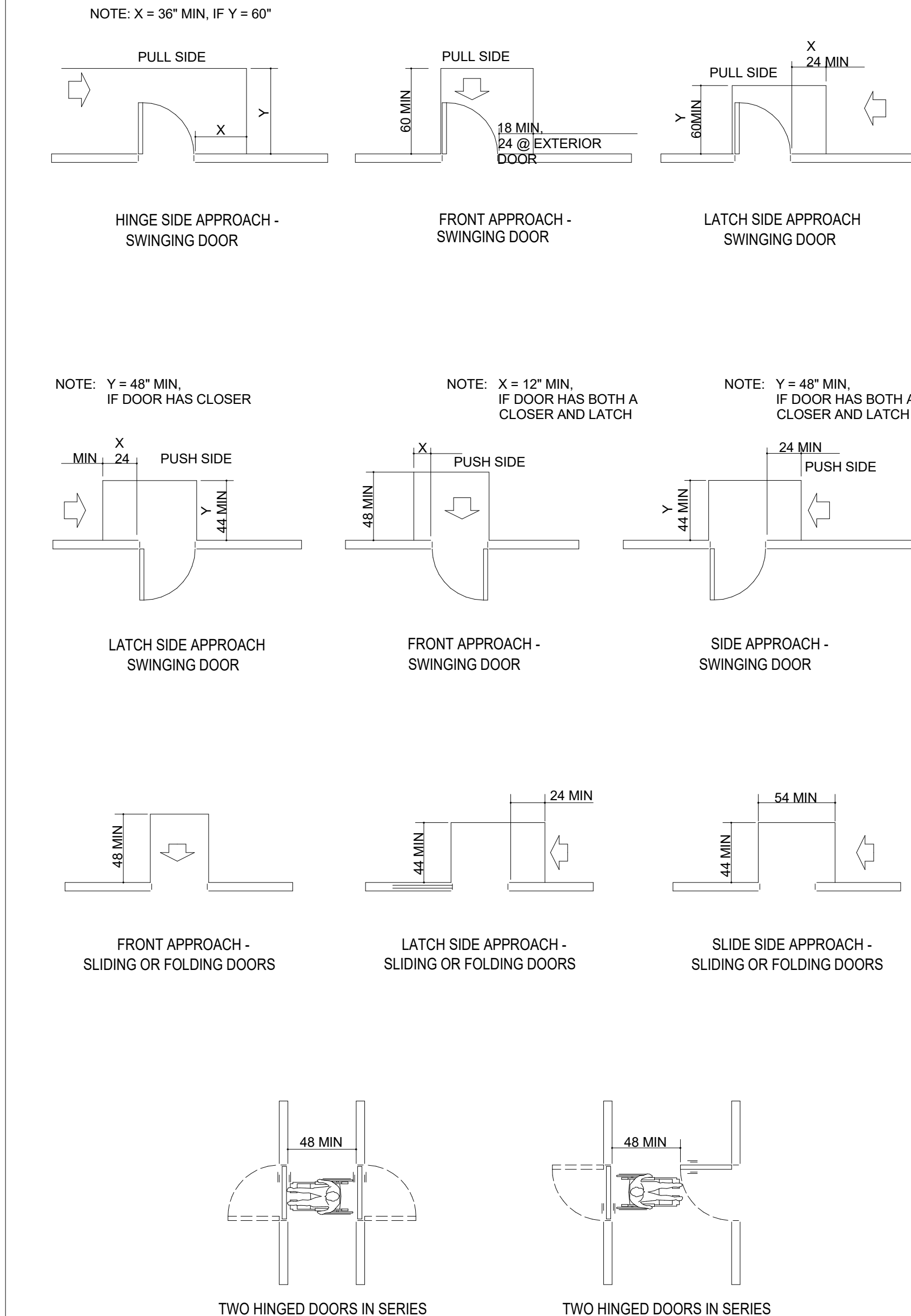
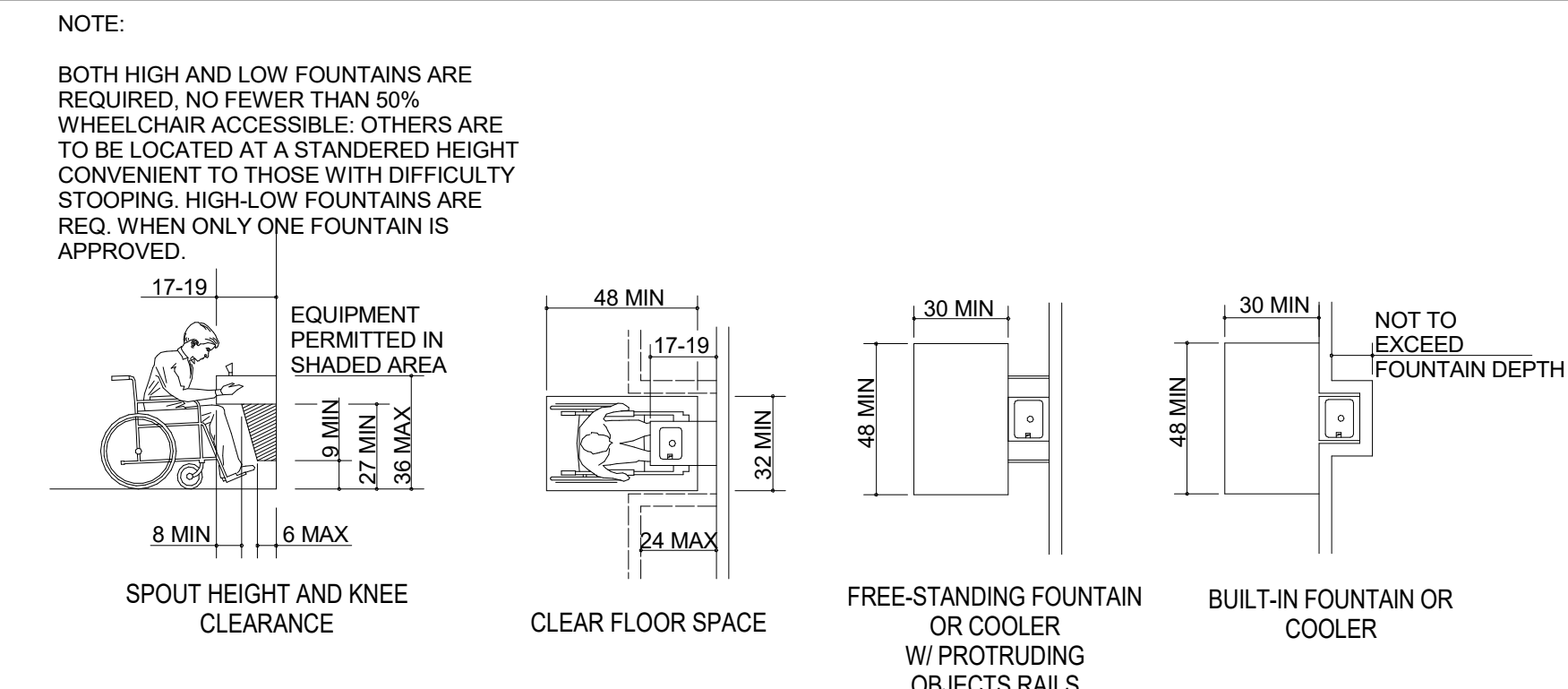
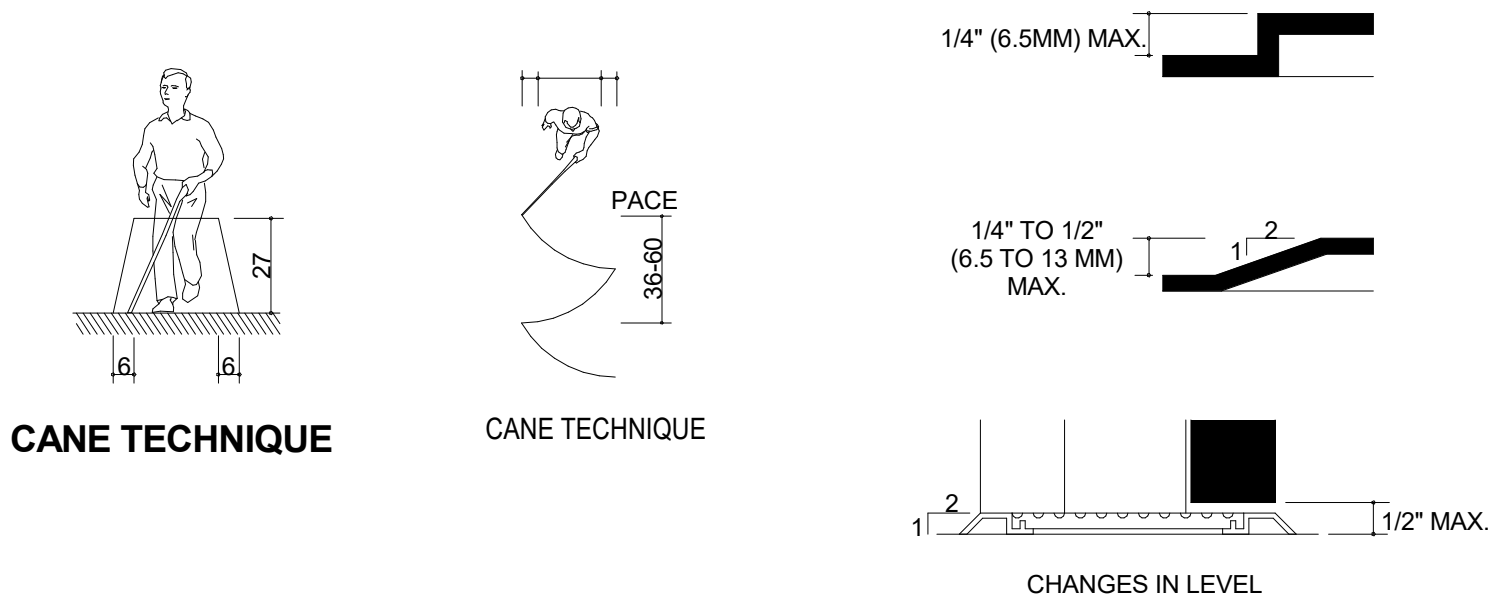
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SHEET NUMBER:

G-002.1



21 SECTION 4.3 ACCESSIBLE ROUTE  
SCALE: NTS

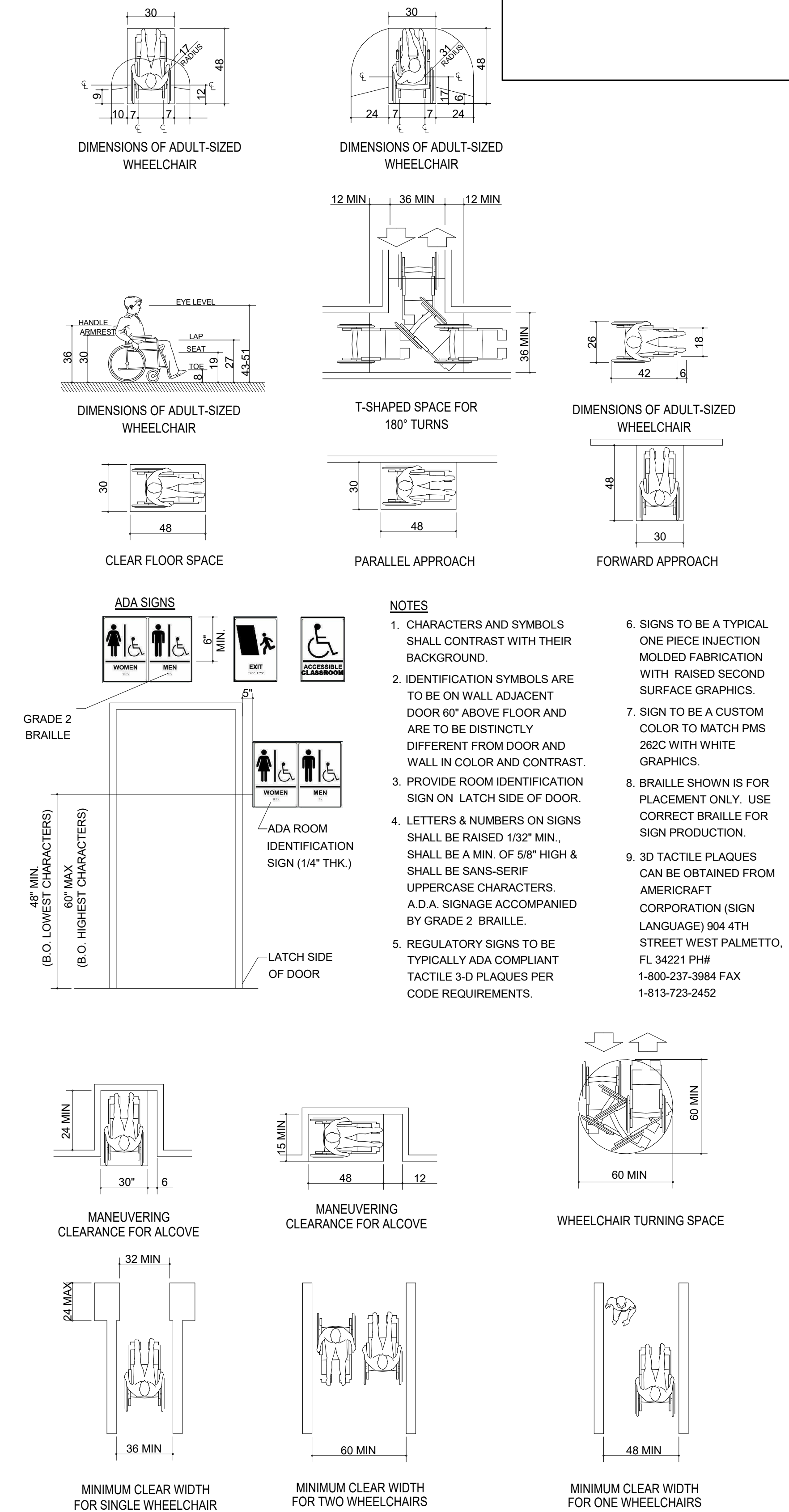


24 SECTION 4.13 DOORS  
SCALE: NTS


16 SECTION 4.17 TOILET STALLS  
SCALE: NTS

12 TYP SECTION @ COUNTER  
SCALE: NTS

8 SECTION 4.2 SPACE ALLOWANCES  
SCALE: NTS



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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**ACCESSIBILITY GUIDELINES**  
SCALE: NO SCALE

SHEET NUMBER:  
**G-003**



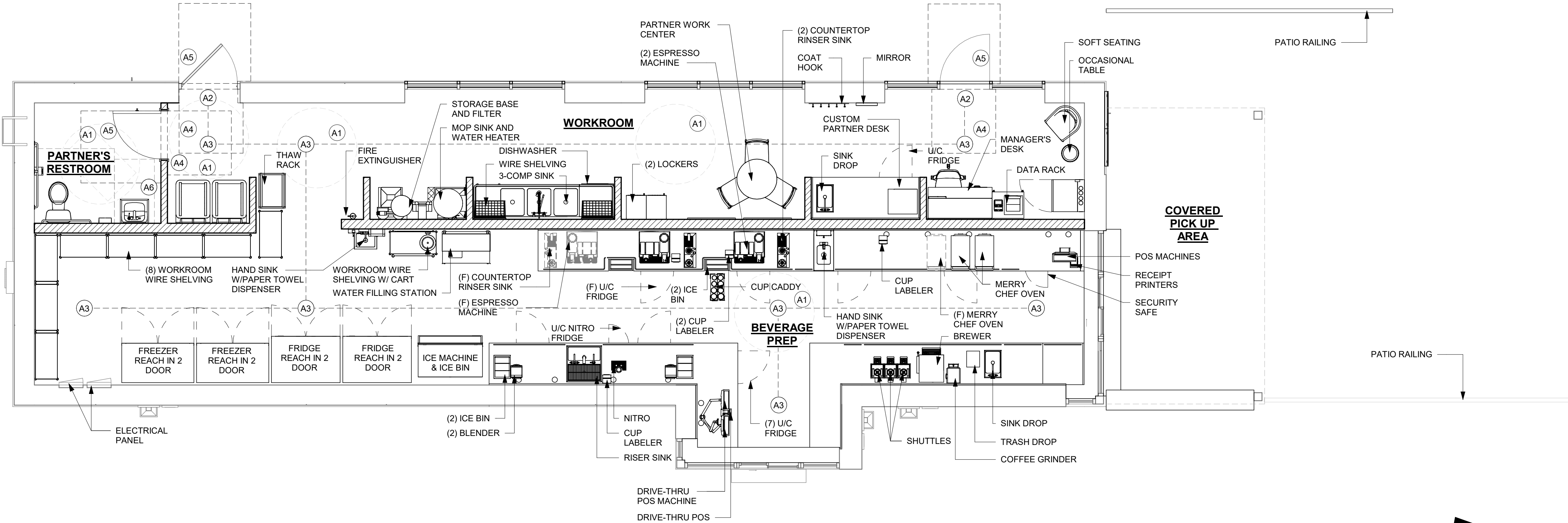
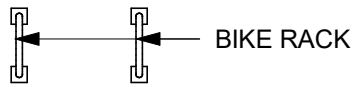
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SHEET NOTES

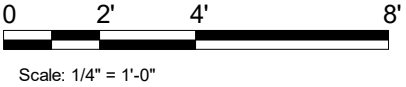
- A1. 60" DIAMETER CLEAR FOR WHEELCHAIR ACCESS.
- A2. ALL THRESHOLDS TO BE ADA COMPLIANT PER ALL APPLICABLE CODES.
- A3. BARRIER FREE PATH OF TRAVEL.
- A4. ADA MANEUVERING CLEARANCE AT DOORS; FRONT APPROACH , PUSH SIDE, DOOR PROVIDED WITH CLOSER: 48"MIN. BY 48" MIN.
- A5. ADA MANEUVERING CLEARANCE AT DOORS; FRONT APPROACH , PULL SIDE, DOOR PROVIDED WITH CLOSER: 54"MIN. BY 60" MIN.
- A6. HAND SINKS AND LAVATORIES TO BE 2'-10" AFF AND 30" X 48" CLEAR FOR WHEELCHAIR ACCESSIBILITY.

GENERAL NOTES


1. GENERAL CONTRACTOR SHALL VISIT THE SITE, REVIEW THE BUILDING SHELL DRAWINGS AS SUBMITTED BY THE LANDLORD OR STARBUCKS SITE SURVEYOR AND BECOME THOROUGHLY FAMILIAR WITH THE SITE CONDITIONS PRIOR TO BIDDING OR CONSTRUCTION.
2. GENERAL CONTRACTOR SHALL CONSULT WITH STARBUCKS CONSTRUCTION MANAGER TO RESOLVE ANY CHANGES, OMISSIONS OR PLAN DISCREPANCIES PRIOR TO BIDDING OR CONSTRUCTION.
3. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL, COUNTY, STATE AND FEDERAL CODES AND ORDINANCES.
4. GENERAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES.
5. 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 OTHERWISE NOTED. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT. DO NOT SCALE DRAWINGS.
6. 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.
7. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS FOR FIRE PROTECTION, PLUMBING, MECHANICAL AND ELECTRICAL SYSTEMS PRIOR TO INSTALLATION OF SUCH SYSTEMS.
8. GENERAL CONTRACTOR SHALL RETAIN ONE SET OF THE PLANS TO NOTE AND DOCUMENT ALL CHANGES DURING CONSTRUCTION. THIS SET SHALL BE A PART OF THE GENERAL CONTRACTOR'S "STORE CLOSE-OUT PACKAGE" AS DESCRIBED IN THE CONSTRUCTION MANAGEMENT AGREEMENT.
9. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING DELIVERY OF MATERIALS FROM STARBUCKS CONTRACTED THIRD PARTY LOGISTICS DISTRIBUTION SERVICES AND VENDOR DIRECT SHIPMENTS. REFER TO CONSTRUCTION MANAGEMENT AGREEMENT FOR METHODS AND LEAD TIMES.
10. RESPONSIBILITY FOR SUPPLY AND DELIVERY OF MATERIALS AND EQUIPMENT IS IDENTIFIED IN THE DRAWING SCHEDULE SHEETS UNDER THE COLUMN LABELED "RESPONSIBILITY".
11. 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 OPERATION INSTALLATION, UNLESS OTHERWISE NOTED.
12. ALL ITEM SUBSTITUTIONS MUST BE APPROVED BY THE STARBUCKS DESIGN MANAGER.
13. REFER TO ITEM CUTSHEETS FOR ADDITIONAL INFORMATION.



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



FOR CONSTRUCTION



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SHEET TITLE:  
**FOOD SERVICE PLAN**

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

SHEET NUMBER:  
**G-004**



GC REQUIREMENTS  
FOR STARBUCKS GREENER STORES

☑ PRE-CHECKED ITEMS ARE LEED PREREQUISITES FOR NEW AND RELOCATED COMPANY OWNED STORES. PLEASE REFER TO THE LEED SCORECARD TO VERIFY TARGETED CREDITS.

BEFORE CONSTRUCTION

- ☐ TALK TO WASTE HAULER TO MAKE SURE THEY CAN RECYCLE AT LEAST 50% OF YOUR CONSTRUCTION WASTE.

☐ YOU WILL NEED TO SUBMIT DUMP TICKETS AND DIVERSION RATES SHOWING AT LEAST 50% WAS RECYCLED.
- ☐ CONFIRM CO-MINGLED RECYCLER CAN PROVIDE A DIVERSION RATE BASED ON WEIGHT OF INDIVIDUAL RECYCLABLES (WOOD, METAL, ADC, CONCRETE ETC.). DIVERSION RATE CAN BE BY CONTAINER OR A FACILITY WIDE AVERAGE (MONTHLY OR ANNUAL). VISUAL CLASSIFICATION IS NOT ACCEPTABLE.
- ☐ SOURCE-SEPARATED RECYCLABLES DO NOT NEED A PUBLISHED DIVERSION RATE AND CAN BE ASSUMED TO BE 100%.
- ☐ REVIEW IAQ MANAGEMENT PLAN WITH PROJECT TEAM (FOUND IN THE GC ADMINISTRATION HANDBOOK).
- ☐ REVIEW PRE-APPROVED PRODUCT LIST WITH PROJECT TEAM (FOUND IN THE GC ADMINISTRATION HANDBOOK).
- ☐ ENSURE THAT THE ENTIRE CONSTRUCTION TEAM, INCLUDING SUB-CONTRACTORS, ARE AWARE OF THEIR LEED ROLES AND RESPONSIBILITIES.

DURING CONSTRUCTION

- ☒ INSTALL LOW-FLOW TOILETS AND AERATORS (1.28 GPF OR BETTER, 0.5 GPM AERATORS, 1.2 GPM PRE-RINSE SPRAY VALVE).
- ☐ KEEP TRACK OF DUMP TICKETS.
- ☐ KEEP TRACK OF ADHESIVES, SEALANTS, PAINTS AND OTHER EQc4 PRODUCTS USED.
- ☐ POST IAQ MANAGEMENT PLAN ON THE JOB SITE.
- ☐ POST PRE-APPROVED PRODUCT LIST.
- ☐ COMPLETE 2 SITE INSPECTION CHECKLISTS TO VERIFY BEST PRACTICES USED FOR MAINTAINING GOOD INDOOR AIR QUALITY DURING CONSTRUCTION. PHOTOS CAN HELP DOCUMENT THESE:

CLEAN WORK SITE AT BEGINNING OR END OF EACH DAY TO CONTROL DUST.

MAKE SURE DUCT WORK IS DELIVERED WITH ENDS COVERED.

PROTECT DUCTWORK BY SEALING OPENINGS IMMEDIATELY AFTER INSTALLATION.

IF THE USE OF THE PERMANENT HVAC EQUIPMENT IS UNAVOIDABLE DURING CONSTRUCTION, INSTALL A TEMPORARY MERV 8 FILTER ON ALL SUPPLY AND RETURN GRILLES AND OPENINGS. TO BE REPLACED WITH NEW MERV 8 FILTERS BEFORE TAB WORK AND FINAL SYSTEM COMMISSIONING.

USE WALK-OFF MATS AT ENTRIES FOR DUST CONTROL.

USE FAN OR OTHER METHOD OF CLEARING DUST FROM AIR DURING CONSTRUCTION.

KEEP DELIVERED BUT NOT-YET-INSTALLED EQUIPMENT/MATERIALS COVERED IN PLASTIC AND RAISED OFF OF THE GROUND TO PREVENT MOISTURE DAMAGE.

DO NOT INSTALL CONTAMINATED MATERIALS.

POST NO SMOKING SIGN.

USE LOW VOC PRODUCTS, AS PER PRE-APPROVED LIST, OR VERIFIED VIA MSD SHEETS.

USE ELECTRIC TOOLS WITH VACUUM-ASSIST, NOT GAS-POWERED TOOLS.

CUT AND FABRICATE MATERIALS OUTSIDE WHENEVER POSSIBLE.

AT END OF CONSTRUCTION

- SUBMIT:

☒ TAB REPORT, WITH ACTUAL OUTSIDE AIR VOLUMES INDICATED AND BALANCED AS PER DESIGN CFM ON DRAWINGS.

☐ TWO IAQ SITE INSPECTION CHECKLISTS.

☐ SIGNED EQc4 AFFIDAVIT -OR- FILL OUT EQc4 REPORT IF USED NON-PREAPPROVED PRODUCTS FOR LOW-EMITTING MATERIALS: PAINTS, COATINGS, ADHESIVES, SEALANTS, CEILINGS, WALLS AND COMPOSITE WOOD PRODUCTS.

☐ CONSTRUCTION WASTE MANAGEMENT REPORT.

☐ PROOF OF CONSTRUCTION WASTE DIVERSION RATE VIA DUMP TICKETS, SUMMARY REPORT OR RECYCLING FACILITY DIVERSION RATE.
- VERIFY:

☒ ENSURE LOW-FLOW FIXTURES ARE INSTALLED:

☒ TOILETS: 1.28 GPF OR BETTER

☒ HAND SINKS: 0.5 GPM AERATORS

☒ PRE-RINSE SPRAY VALVE: 1.2 GPM

☐ BICYCLE RACK IS INSTALLED

☐ BICYCLE REPAIR KIT IS ON-SITE

☐ ENSURE A COMBINATION OF OVERHANGS AND/OR BLINDS ARE INSTALLED FOR ALL WINDOWS TO MITIGATE SOLAR HEAT GAIN AND GLARE.

☐ GREEN EDUCATION DISKS ARE INSTALLED AS INDICATED ON DRAWINGS.

CONTRACTOR RESPONSIBILITIES FOR BUILDING COMMISSIONING

CONTRACTOR SHALL PROVIDE SUPPORT AND WORKS AS SPECIFIED, NEEDED AND REQUIRED TO CONDUCT AND FACILITATE STARBUCKS STAFF BUILDING COMMISSIONING EFFORTS. THIS WORK WILL BE COMPRISED OF THREE DISTINCT EFFORTS:

1. SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES;

2. PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUP AND SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA; 3) CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS. CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:

A. SYSTEMS SUBJECT TO COMMISSIONING MAY INCLUDE, BUT ARE NOT LIMITED TO, DOMESTIC HOT WATER GENERATION, HVAC SYSTEMS, ROOFTOP UNITS, EXHAUST FANS, HVAC CONTROLS, LIGHTING CONTROLS, AIR CURTAINS, BUILT-INN REFRIGERATION EQUIPMENT AND RENEWABLE ENERGY SYSTEMS.

B. CONTRACTOR SHALL INCLUDE COMMISSIONING ACTIVITIES IN PROJECT SCHEDULE AND SHOW INTERVALS FOR PERFORMANCE OF WORK FOR WHICH CONTRACTOR IS RESPONSIBLE AND INTERVALS FOR WORK PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SHOW RESOURCES FOR PERFORMING ALL WORK RELATED TO COMMISSIONING ACTIVITIES ON A LINE ITEM IN THE SCHEDULE OF VALUES.

C. CONTRACTOR SHALL INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND ALL CONTRACT DOCUMENTS. ENSURE THAT ALL EQUIPMENT IS INSTALLED TOTALLY COMPLETE AND ACCESSIBLE TO STARBUCKS CXA FOR INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING PRIOR TO THE SCHEDULED START OF INSTALLATION VERIFICATIONS.

D. INSTALLATION VERIFICATION SHALL BE PERFORMED BY STARBUCKS' CXA. CONTRACTOR SHALL SUPPORT STARBUCKS CXA INSTALLATION VERIFICATION EFFORTS AS NECESSARY. PROVIDE ALL ACCESS AND EQUIPMENT NECESSARY FOR STARBUCKS STAFF TO VERIFY THAT THE EQUIPMENT IS INSTALLED CORRECTLY.

E. CONTRACTOR SHALL BE READILY AVAILABLE DURING INSTALLATION VERIFICATION TO CORRECT ANY DEFICIENCIES OR DEFECTS DISCLOSED BY THE INSTALLATION VERIFICATION PROCESS. CORRECTIONS SHALL BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION OF THE CONSTRUCTION SCHEDULE.

F. ALL HVAC, EXHAUST FAN AND AIR CURTAIN EQUIPMENT SHALL BE TESTED, ADJUSTED AND BALANCED BY THE CONTRACTORS 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 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.

G. CONTRACTOR SHALL INFORM STARBUCKS CXA WHEN EQUIPMENT IS READY FOR FUNCTIONAL PERFORMANCE TESTING. ALL EQUIPMENT SHALL BE READY FOR FUNCTIONAL PERFORMANCE TESTING PRIOR TO STARTING TESTING. CONTRACTOR SHALL OPERATE EQUIPMENT FOR STARBUCKS CXA AND VERIFY BY DEMONSTRATION THE CORRECT OPERATION OF EQUIPMENT, RESPONSE OF SENSORS AND PROPER EXECUTION OF HVAC CONTROL AND LIGHTING SEQUENCES, INCLUDING BUT NOT LIMITED TO AIR MOVEMENT, TEMPERATURE, SOUND AND CONTROL RESPONSE. PROVIDE ANY SECURITY ACCESS, HARDWARE, SOFTWARE OR OTHER SUPPORT AS NEEDED FOR THE STARBUCKS CXA TO EFFICIENTLY WITNESS AND DOCUMENT ALL EQUIPMENT TESTING. STARBUCKS CXA WILL RECORD TED 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 MANUFACTURERS FORMS, TO THE STARBUCKS CXA.

H. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES DISCLOSED DURING THE FUNCTIONAL PERFORMANCE TESTING PROCESS. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE.

I. CONTRACTOR SHALL BE READILY BE 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 RETESTING. CORRECTIONS SHOULD E MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE. DELIVERABLES: FINAL BALANCE REPORT, DEFICIENCIES LIST NOTING CORRECTIVE ACTIONS PERFORMED BY CONTRACTOR IN RESPONSE TO INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TEST RESULTS.

J. CONSTRUCTION AND POST CONSTRUCTION TESTING: ADDITIONAL TESTING MAY BE REQUIRED BY LEED AND OTHER PROCESSES THAT MAY OCCUR OUT OF SEQUENCE WITH COMMISSIONING SERVICE. CONTRACTOR SHALL CONDUCT, DOCUMENT, SUPPORT AND SCHEDULE THIS TESTING AS DIRECTED BY STARBUCKS CXA.

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PROJECT NAME:  
**US 17-92 & LAKE MARY BLVD**

PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 23773**

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MLCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**GREENER STORE INFORMATION**  
SCALE: NO SCALE

SHEET NUMBER:  
**G-005**



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PRE-APPROVED LIST FOR  
LOW EMMITING MATERIALS

MANUFACTURER - PRODUCT VOC CONTENT		
ABS WELDING ADHESIVE	LIMIT 325 g/L	
IPS CORPORATION - WELD-ON 2771 AND 2773 - ABS PIPE CEMENT	325 g/L	
IPS CORPORATION - WELD-ON 773 - ABS PIPE CEMENT	<325 g/L	
OATEY - LO-VOC ABS BLACK SOLVENT CEMENT	325 g/L	

CARPET ADHESIVE	LIMIT 50 g/L	
HB FULLER - TEC 749 RELEASE PRESS	0 g/L	
MAPEI - ULTRABOND ECO 120	43 g/L	
MAPEI - ULTRABOND ECO 800	0 g/L	
ROBERTS - 6700 SUPERIOR	0 g/L	

CERAMIC TILE ADHESIVE	LIMIT 65 g/L	
DUPONT SURFACES - CORIAN SOLID SURFACES JOINT ADHESIVE	<50 g/L	
LATICRETE - 252 SILVER	0 g/L	
LATICRETE - 254 PLATINUM	0.5 g/L	
LATICRETE - 255 MULTIMAX	0 g/L	
LATICRETE - 317 THIN SET	2.5 g/L	
MAPEI - KERABOND	0 g/L	
MAPEI - KERASET	0 g/L	
MAPEI - PLANIPATCH	0 g/L	
MAPEI - PLANIPATCH PLUS	53 g/L	
MAPEI - TYPE 1	60 g/L	
MAPEI - ULTRAFLEX 1	0 g/L	
MAPEI - ULTRAFLEX 2	0 g/L	
MAPEI - ULTRAFLEX S2 MONO	<12 g/L	
MAPEI - ULTRAMASTIC ECO	57 g/L	
RAECO - R-2000 BONDING AGENT	2.5 g/L	

CONTACT ADHESIVE	LIMIT 80 g/L	
3M - FASTBOND CONTACT ADHESIVE	77 g/L	
HENKEL - LEPAGE CONTACT CEMENT	<10 g/L	
HENKEL - LEPAGE PRES-TITE GREEN CONTACT CEMENT	<10 g/L	

CPVC ADHESIVE	LIMIT 490 g/L	
OATLEY - HEAVY DUTY CPVC ORANGE SOLVENT CEMENT	77 g/L	
OATLEY - FLOWGUARD GOLD ALL WEATHER 1 STEP SOLVENT CEMENT	<10 g/L	

DRYWALL AND PANEL ADHESIVE	LIMIT 50 g/L	
DATENBLATT_A814 - PART A AND B	0 g/L	
FRANKLIN INTERNATIONAL - MARLITE C-551	2.6 g/L	
FRANKLIN INTERNATIONAL - TITEBOND SOLVENT FREE FAST GRAB	2.6 g/L	
LIQUID NAILS - FRP - 310	34 g/L	
GREEN GLUE COMPANY - GREEN GLUE	<5 g/L	
ROMAN - PRO-774	0 g/L	

MULT-PURPOSE CONSTRUCTION ADHESIVE	LIMIT 70 g/L	
3M - SCOTCH-WELD URETHANE ADHESIVE DP-620NS, BLACK	<10 g/L	
ELMER'S - CARPENTER'S INTERIOR WOOD GLUE	<1 g/L	
EVERBUILD - GUN A NAIL STANDARD	25.3 g/L	
FRANKLIN INTERNATIONAL - TITEBOND III WOOD GLUE	5.6 g/L	
HENKEL - LEPAGE CARPENTER'S GLUE	<2 g/L	
HENKEL - LEPAGE EPOXY RESIN	.38 g/L	
HENKEL - LEPAGE PL PREMIUM	45 g/L	
LIQUID NAILS - LN 704	22 g/L	
LIQUID NAILS - LN 903	<70 g/L	
ROMAN - PRO-838	17.2 g/L	
ROMAN - PRO-880	<50 g/L	
ROMAN - PRO-935	8 g/L	
SIKA - SIKABOND	48.3 g/L	

PRE-APPROVED LIST FOR  
LOW EMMITING MATERIALS

MANUFACTURER - PRODUCT VOC CONTENT		
PVC WELDING	LIMIT 510 g/L	
IPS CORPORATION - IPEX SYS 15 GREY	<510 g/L	
IPS CORPORATION - WELD_ON 782 CLEAR CEMENT FOR PVC	<510 g/L	
IPS CORPORATION - WELD-ON 711 LOW VOC PIPE CEMENT	<510 g/L	
IPS CORPORATION - WELD-ON 780 CLEAR CEMENT FOR PVC	<510 g/L	
IPS CORPORATION - WELD-ON 781 CLEAR CEMENT FOR PVC	<510 g/L	
IPS CORPORATION - WELD-ON 781 GREY CEMENT FOR PVC	<510 g/L	
IPS CORPORATION - WELD-ON 810 - 2 COMPONENT ADHESIVE	50 g/L	
IPS CORPORATION - WELD-ON DUIT 413 - PVC PIPE CEMENT	510 g/L	
OATEY - CLEAR ADVANCED PVC CEMENT	<510 g/L	
TIGRE - ADESIVO AQUATHERM (AQUATHERM E ESPECIAL) CPVC	330 g/L	
TIGRE - ADESIVO PLASTICO PARA PVC - INCOLOR	332.14 g/L	

ADHESIVE PRIMER FOR PLASTIC	LIMIT 550 g/L	
IPS CORPORATION - WELD-ON PLUMBING CLEAR PRIMER FOR PVC	550 g/L	
IPS CORPORATION - WELD-ON PLUMBING PURPLE PRIMER FOR PVC	550 g/L	
OATLEY - PURPLE PRIMER NSF LISTED	550 g/L	

SPECIAL PURPOSE AEROSOL ADHESIVE	LIMIT 70% BY WEIGHT	
IPS CORPORATION - WELD-ON PLUMBING CLEAR PRIMER FOR PVC	64%	

SUBFLOOR ADHESIVE	LIMIT 50 g/L	
FRANKLIN INTERNATIONAL - GREENCHOICE WEATHERPROOF SUBFLOOR ADHESIVE (TITEBOND)	550 g/L	
HENKEL - OSI PRO SERIES 450 SUBFLOOR ADHESIVE	<2 g/L	

VCT ADHESIVE	LIMIT 50 g/L	
BALL - STYCIBOND F44	48 g/L	
ROMAN - VOV 11901	5 g/L	
ROMAN - VOV 11905	5 g/L	

WOOD FLOORING ADHESIVE	LIMIT 100 g/L	
ARMSTRONG WORLD INDUSTRIES - EVERLAST PREMIUM URETHANE	77 g/L	
ARMSTRONG WORLD INDUSTRIES - HARTCO 57 WOOD FLOORING - URETHANE	65 g/L	
ARMSTRONG WORLD INDUSTRIES - PROCONNECT WOOD FLOORING - ACRYLIC	7 g/L	
HENKEL - LOCTITE PL400 SUBFLOOR ADHESIVE	5.2 g/L	
SIKA CORPORATION - SIKABOND-T54 - URETHANE	30.38 g/L	
SIKA CORPORATION - SIKABOND-T55 - URETHANE	83 g/L	

ARCHITECTURAL SEALANT	LIMIT 250 g/L	
3M - FIRE BARRIER CP-25WB+	<1 g/L	
3M - FIRE BARRIER MOLDABLE PUTTY+	0 g/L	
BALL - STOPGP P131 PRIMER	15 g/L	
BASF - SONOLASTIC	<100 g/L	
CERTAINTeed - PROROC READY-MIX JOINT COMPOUND	0 g/L	
CUSTOM BUILDING PRODUCTS - POLYBLEND SANDED GROUT	0 g/L	
DAP - ALEX PAINTER'SS ACRYLIC LATEX CAULK - ALL COLORS	59.2 g/L	
DAP - ALEX PLUS ACRYLIC LATEX CAULK SILICONE - CLEAR	44.4 g/L	
DAP - DYNAFLEX 230	49 g/L	
DAP - KWIK SEAL TUB & TILE CAULKING - ALL COLORS	25.4 g/L	
DAP - SILICONE PLUS RUBBER KITCHEN & BATH SEALANT	<40 g/L	
DATENBLATT - PCI ZEMTEC 1K	.015 g/L	
DATENBLATT - MAPESIL AC	26 g/L	
DESIGN POLYMERICS - 1010 WATER BASED DUCT SEALANT	0 g/L	
DESIGN POLYMERICS - 1020 WATER BASED DUCT SEALANT	0 g/L	
DESIGN POLYMERICS - 1030 WATER BASED DUCT SEALANT	0 g/L	
DOW CORNING - 732 SILICONE	35 g/L	
DOW CORNING - 786 SILICONE	33 g/L	
DOW CORNING - HVAC/R SILICONE	33 g/L	
DYE-N-SEAL-DECORATIVE CONCRETE DYE	0 g/L	

PRE-APPROVED LIST FOR  
LOW EMMITING MATERIALS

MANUFACTURER - PRODUCT VOC CONTENT		
ARCHITECTURAL SEALANT	LIMIT 250 g/L	
DUCTMATE INDUSTRIES - PRO SEAL	41 g/L	
EUCLID CHEM CO - CLEARSEAL WB 150	134 g/L	
GE - SILICONE SEALANT	20 g/L	
GRABBER - GRABBERGARD EFC	32.5 g/L	
HAMILTON DRYWALL PRODUCTS - POWDERED JOINT CEMENT	0 g/L	
HARDCAST CARLISLE - DUCTSEAL 321	75 g/L	
HARDCAST CARLISLE - IRONGRIP 601	49 g/L	
HENKEL - OSI PRO-SERIES	<50 g/L	
HERCULES - STAY PUT PUTTY	0 g/L	
IDEAL CHEMICAL PRODUCTS - IDEALSEAL UNIVERSAL SILICONE	0 g/L	
IPS - WELD-ON ALL SEAL PIPE JOINT COMPOUND	0 g/L	
LATICRETE - 1500 SANDED GROUT	0 g/L	
LATICRETE - 1600 UNSANDED GROUT	0 g/L	
LATICRETE - LATASIL SILICONE	37.16 g/L	
LATICRETE - PERMACOLOR GROUT	0 g/L	
LATICRETE - PREMIUM ACRYLIC CAULK	50 g/L	
LATICRETE - SPECTRALOCK	.031 g/L	
MAPEI - KERACAULK S	41 g/L	
MAPEI - KERACOLOR S	0 g/L	
MAPEI - KERACOLOR U	0 g/L	
MAPEI - KERALASTIC MORTAR	0 g/L	
MAPEI - KERAPLY	3 g/L	
MAPEI - KERAPOXY - PART A	7 g/L	
MAPEI - KERAPOXY IEG - PART A	21 g/L	
MAPEI - ULTRACOLOR PLUS	0 g/L	
MAPEI - ULTRACONTACT	0 g/L	
MAPEI - ULTRAFLEX LFT	0 g/L	
MAPEI - ULTRALITE MORTAR	0 g/L	
MAPEI - ULTRALITE MORTAR PRO	0 g/L	
MOMENTIVE - SCS1000 SILICONE SEALANT	20 g/L	
MOMENTIVE - SILICONE RUBBER SEALANT	27 g/L	
NATIONAL GYPSUM - READY MIX JOINT COMPOUNDS - PROFORM (MULTIPLE PRODUCTS)	2 g/L	
NR4000 - WHITE LIGHTNING SILICONIZED ACRYLIC LATEX CAULK	43 g/L	
OATEY - GREAT WHITE PJC	3 g/L	
OATEY - PLUMBERS PUTTY	0 g/L	
PCI SECCORAL 1 K	1.5 g/L	
POLYMER ADHESIVE - AIRSEAL #22	<21 g/L	
POLYMER ADHESIVE - AIRSEAL #33	35 g/L	
REDGARD - F1051	5 g/L	
RIGIPS - SUPER FUGENFULLER JOINT COMPOUND	0.009 g/L	
SICHERHEITSDATENBLATT - BRILLUX ACRYLIC SEALANT 395	20 g/L	
SICHERHEITSDATENBLATT - BRILLUX AIRLESS-SPACHTEL 1890	1 g/L	
SICHERHEITSDATENBLATT - BRILLUX RIGIPS	0.0009 g/L	
SICHERHEITSDATENBLATT - BRILLUX CREAGLAS ELF 377	1 g/L	
SICHERHEITSDATENBLATT - BRILLUX UNIFLOTT 6 JOINT COMPOUND	0 g/L	
SICHERHEITSDATENBLATT - BRILLUX UNIFLOTT 8 JOINT COMPOUND	0 g/L	
SIKAGARD - HIGH GLOSS CLEAR SEALER	<20 g/L	
SOLOCROM - JUNTA PLAC MASILLA	3 g/L	
SONNEBORN, DIVISION OF BASF - OMNI-PLUS	0 g/L	
SONNEBORN, DIVISION OF BASF - SONOLAC	41 g/L	
SOUDAL - FIX ALL CLASSIC	33.4 g/L	
SPECSEAL - SERIES SSS INTUMESCENT SEALANT	22 g/L	
TITEBOND - PAINTER'S PLUS CAULK - CLEAR	28 g/L	
TITEBOND - PAINTER'S PLUS CAULK - WHITE OR COLORS	33 g/L	
TREMCO - TREMFLEX 834 - WHITE	22 g/L	
TREMCO - TREMSIL 200-CLEAR	1 g/L	
TREMCO - TREMSTOP ACRYLIC	35 g/L	

PRE-APPROVED LIST FOR  
LOW EMMITING MATERIALS

MANUFACTURER - PRODUCT VOC CONTENT		
ARCHITECTURAL SEALANT	LIMIT 250 g/L	
USG - FIRECODE COMPOUND	<2 g/L	
USG (US GYPSUM CO) - BEADEX ALL PURPOSE DRYWALL	<2 g/L	
USG (US GYPSUM CO) - BEADEX LITE TAPING DRYWALL	<2 g/L	
USG (US GYPSUM CO) - SHEETROCK ALL PURPOSES JOINT COMPOUND	0 g/L	
VERSAFLEX, INC. - SL/45 PART B (HARDNER)	0 g/L	
VERSAFLEX, INC. - SL/45 PART B (PRE-POLYMER)	0 g/L	
W R GRACE - FLAMESAFE FS 1900 FIRESTOP	10.86 g/L	
WESTPAC MATERIALS - FAST SET 20 - DRYWALL JOINT AND PATCHING COMPOUND	0 g/L	
WESTPAC MATERIALS - FAST SET 40 - DRYWALL JOINT AND PATCHING COMPOUND	0 g/L	
WESTPAC MATERIALS - FAST SET LITE 5 - DRYWALL JOINT AND PATCHING COMPOUND	0 g/L	
WESTPAC MATERIALS - ECO SET LITE 20 - DRYWALL JOINT AND PATCHING COMPOUND	0 g/L	
WESTPAC MATERIALS - ECO SET LITE 40 - DRYWALL JOINT AND PATCHING COMPOUND	0 g/L	
WESTPAC MATERIALS - ECO SET LITE 90 - DRYWALL JOINT AND PATCHING COMPOUND	0 g/L	

ARCHITECTURAL PAINTS/COATINGS/PRIMER - FLATS	LIMIT 50 g/L	
C2 - L-8000 LOVO INTERIOR LATEX NON-REFLECTIVE FLAT	<50 g/L	
ICI - DULUX	30 g/L	
SHERWIN-WILLIAMS - HARMONY INTERIOR LATEX PRIMER	0 g/L	
SHERWIN-WILLIAMS - PROMAR LATEX PRIMER	0 g/L	


ARCHITECTURAL PAINTS/COATINGS/PRIMER - NON-FLATS	LIMIT 150 g/L	
BRILLUX - PM 270	<100 g/L	
BRILLUX - ACYL-FASSADENFARBE	25 g/L	
BRILLUX - LF595	1 g/L	
BRILLUX - PM246	<100 g/L	
C2 - L1800 LOVO WALLBOARD PRIMER	<50 g/L	
C2 - L8200 LOVO INTERIOR LATEX EGGSHELL	<50 g/L	
C2 - L8400 LOVO INTERIOR LATEX SEMI-GLOSS	<50 g/L	
ICI - DULUX ECOSURE WATER-BASED GLOSS	75 g/L	
ICI - DULUX LIFEMASTER EGGSHELL INTERIOR LATEX ENAMEL	0 g/L	
ICI - DULUX LIFEMASTER SEMI-GLOSS INTERIOR LATEX ENAMEL	0 g/L	
SHERWIN-WILLIAMS - COLORACCENTS, EGGSHELL	126 g/L	
SHERWIN-WILLIAMS - DTM ACRYLIC PRIMER	132 g/L	
SHERWIN-WILLIAMS - ECOSELECT ZERO VOC EGGSHELL LATEX	0 g/L	
SHERWIN-WILLIAMS - ECOSELECT ZERO VOC INTERIOR LATEX EGGSHELL	<40 g/L	
SHERWIN-WILLIAMS - HARMONY INTERIOR LATEX PRIMER	0 g/L	
SHERWIN-WILLIAMS - HARMONY INTERIOR SEMI-GLOSS	<50 g/L	
SHERWIN-WILLIAMS - HARMONY, EGGSHELL	<50 g/L	
SHERWIN-WILLIAMS - PRO INDUSTRIAL PRO-CRYL ACRYLIC PRIMER	96 g/L	
SHERWIN-WILLIAMS - PROMAR200 PRIMER	91 g/L	
SHERWIN-WILLIAMS - PROMAR400 LATEX EGGSHELL, EXTRA WHITE	0 g/L	
SHERWIN-WILLIAMS - PROMAR400 LATEX SEMI-GLOSS, EXTRA WHITE	0 g/L	

ANTICORROSIVE/ANTIRUST PAINT	LIMIT 250 g/L	
CAFCO - SPRAYFILM WB 4	0 g/L	
ICI PAINTS - DEVOE DEVFLEX 4020PF	91 g/L	
SHERWIN-WILLIAMS - WATER BASED CATALYZED EPOXY	120 g/L	

CLEAR WOOD FINISHES - VARNISH	LIMIT 350 g/L	
SHERWIN-WILLIAMS - WOOD CLASSICS WATERBORNE POLYURETHANE VARNISH	311 g/L	

FLOOR COATINGS	LIMIT 100 g/L	
MAPEI - MAPECEM QUICKPATCH	0 g/L	
ADVANCED FLOOR PRODUCTS - RETROPLACE 99	0 g/L	

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License: 62078

PROJECT NAME:  
**US 17-92 & LAKE MARY BLVD**

PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 23773**

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule				
Rev	Date	By	Description	

SHEET TITLE:  
**PRE-APPROVED CONST. MATERIALS**  
SCALE: NO SCALE

SHEET NUMBER:  
**G-006**



PRE-APPROVED LIST FOR  
LOW EMMITING MATERIALS

MANUFACTURER - PRODUCT VOC CONTENT		
WATERPROOFING SEALERS		LIMIT 250 g/L
ADVANCED FLOOR PRODUCTS - RETROGUARD		100 g/L
AMERIPOLISH - PROGUARD STAIN SHIELD		<50 g/L
DEVOE - WATERBORNE EPOXY		200 g/L
H&C - CONCRETE SEALER		250 g/L
MAPEI - MAPELASTIC AQUADEFENSE		0 g/L
SCOFIELD - FORMULA ONE		0 g/L
SCOFIELD - FORMULA ONE FINISH COAT		0 g/L
SCOFIELD - FORMULA ONE GUARD-W		<100 g/L
SCOFIELD - FORUMLA ONE DYE		10.7 g/L
SCOFIELD - FORUMLA ONE LITHIUM DENSIFIER		0 g/L
SEALSOURCE - KROMAPOLISH		0 g/L
STAINS		LIMIT 250 g/L
H&C - CONCRETE STAIN		246 g/L
AMERIPOLISH - COLOR JUICE COATING		0 g/L
DALYS - WOODBORNE WOOD STAIN		<50 g/L
CARPET		
INTERFACEFLOR - GLP		CRI GREEN LABEL
INTERFACEFLOR - SOFTSISAL		CRI GREEN LABEL
LEES CARPET TILE - GROUND STRATA MODULAR		CRI GREEN LABEL
SHAW INDUSTRIES - VIBE		CRI GREEN LABEL


PRE-APPROVED LIST FOR  
LOW EMMITING MATERIALS

MANUFACTURER - PRODUCT VOC CONTENT		
HARD SURFACE FLOORING		
NON-ORGANIC GLAZED TILE - GENERIC (ALL NON-ORGANIC, GLAZED TILE COMPLIES)		N/A
ALTRO LTD - STRONGHOLD 30		FLOORSCORE
ALTRO LTD - AQUARIUS		FLOORSCORE
ALTRO LTD - ATLAS 40		FLOORSCORE
ALTRO LTD - CONTRAX		FLOORSCORE
ALTRO LTD - DESIGNER 25		FLOORSCORE
ALTRO LTD - IMPRESSIONIST II		FLOORSCORE
ALTRO LTD - MARINE 20		FLOORSCORE
ALTRO LTD - MAXIS 25		FLOORSCORE
ALTRO LTD - MIRICA		FLOORSCORE
ALTRO LTD - SUPREMA II		FLOORSCORE
ALTRO LTD - TIMBERSAFE II		FLOORSCORE
ALTRO LTD - WALKWAY 20		FLOORSCORE
ALTRO LTD - WALKWAY 20D		FLOORSCORE
ALTRO LTD - XPRESSLAY		FLOORSCORE
CROSSVILLE INC - AMERCANO		FLOORSCORE
CROSSVILLE INC - BLUESTONE		FLOORSCORE
CROSSVILLE INC - BUILDING BLOX		FLOORSCORE
CROSSVILLE INC - CLASSIC MOSAICS		FLOORSCORE
CROSSVILLE INC - COLOR BLOX EC		FLOORSCORE
CROSSVILLE INC - COLOR BLOX MOSAICS		FLOORSCORE
CROSSVILLE INC - COLOR BLOX TOO		FLOORSCORE
CROSSVILLE INC - COTTO AMERICANA		FLOORSCORE
CROSSVILLE INC - CROSS COLORS		FLOORSCORE
CROSSVILLE INC - CROSS COLORS LP		FLOORSCORE
CROSSVILLE INC - ECOCYCLE		FLOORSCORE
CROSSVILLE INC - MAIN STREET		FLOORSCORE
CROSSVILLE INC - PALAIS		FLOORSCORE
CROSSVILLE INC - POMPEII		FLOORSCORE
CROSSVILLE INC - RETRO ACTIVE		FLOORSCORE
CROSSVILLE INC - STRUCTURE		FLOORSCORE
CROSSVILLE INC - TEXTURES		FLOORSCORE
CROSSVILLE INC - TUSCAN CLAY		FLOORSCORE
CROSSVILLE INC - ULTIMETAL		FLOORSCORE
CROSSVILLE INC - VISTA AMERICANA		FLOORSCORE
CROSSVILLE INC - WEATHERSTONE		FLOORSCORE
CROSSVILLE INC - WOOD IMPRESSIONS		FLOORSCORE

PRE-APPROVED LIST FOR  
LOW EMMITING MATERIALS

MANUFACTURER - PRODUCT VOC CONTENT		
COMPOSITE WOOD		NO ADDED UREA-FORMALDEHYDE
ANY - APA RATED STRUCTURAL PLYWOOD (EXPOSURE 1 OR EXTERIOR)		YES
COLUMBIA FOREST PRODUCTS - EUROPLY PLUS		YES
COLUMBIA FOREST PRODUCTS - PUREBOND		YES
EGGERS INDUSTRIES - 206 5-PLY		YES
GLASTEEL - GLASLINER - FRP		YES
GRAHAM WOOD DOORS - GPD-45 5-PLY AGRIFIBER		YES
GRAHAM WOOD DOORS - GPD-AP 5-PLY AGRIFIBER		YES
GRAHAM WOOD DOORS - GPD-EC 5-PLY ENGINEERED COMPOSITE		YES
GRAHAM WOOD DOORS - GPD-SL 5-PLY STAVE LUMBER		YES
LYDEN DOORS - CD200 NAUF PARTICLEBOARD CORE		YES
LYDEN DOORS - CD250 AGFIBER CORE		YES
LYDEN DOORS - CD300 NAUF STAVE LUMBER CORE		YES
LYDEN DOORS - CD350 STRUCTURAL COMPOSITE CORE		YES
MARSHFIELD - ENVIRONMENTAL CLASS		YES
NAUF - COMPOSITE WOOD DOOR		YES
ROSEBURG - COMPOSITE WOOD PANTLS		YES
SIERRA PINE - ARREIS		YES
SIERRA PINE - MEDEX		YES
SIERRA PINE - MEDITE FR		YES
SIERRA PINE - MEDITE II		YES
SIERRA PINE - PERMACORE		YES
GYPSUM BOARD		
AMERICAN GYPSUM - FIREBLOCK		GREENGUARD GOLD
GEORGIA PACIFIC - TOUGHROCK FIREGUARD		GREENGUARD GOLD
LAFARGE - FIRECHECK		GREENGUARD GOLD
NATIONAL GYPSUM - GOLD BOND FIRESHIELD		GREENGUARD GOLD
CERTAINTEED - PROROC TYPE X		CHPS
USG - SHEETROCK FIRECODE		CHPS
GEORGIA PACIFIC - TOUGHROCK GYPSUM BOARD		GREENGUARD GOLD
SMDS - DENSARMOR PLUS		GREENGUARD GOLD
ACOUSTICAL CEILING SYSTEM		
ARMSTRONG - CERAMAGUARD		CHPS
ARMSTRONG - FINE FISSURED		CHPS
ARMSTRONG - CLEANROOM VL		CHPS
ARMSTRONG - CORTEGA		CDPH/EHLB
ARMSTRONG - CLEANROOM		CDPH/EHLB
CRANE - SEQUENTIA LAMINATED PANELS		GREENGUARD
ARMSTRONG - METALWORKS		CHPS
USG- RADAR		CHPS/CDPH/EHLB
USG - SHEETROCK		CA/DHS/EHLB
WALL COVERINGS		
CERTAINTEED - DIAMONDBACK TILE BACKER		GREENGUARD GOLD
COLUMBIA FOREST PRODUCTS - EUROPLY PLUS		NAUF
COLUMBIA FOREST PRODUCTS - PUREBOND		NAUF
CRANE COMPOSITES - GLASBORD FRP		GREENGUARD GOLD
DAL-TILE - CERAMIC WALL TILE		CHPS
GEORGIA PACIFIC - DENSSHIELD TILE BACKER BOARD		CHPS
GLASTEEL - GLASLINER FRP		GREENGUARD GOLD
MARLITE - FRP		GREENGUARD
NATIONAL GYPSUM - E2XP TILE BACKER		GREENGUARD GOLD
OMNOVA - ECORE		GREENGUARD GOLD
PANOLAM INDUSTRIES - PANOLAM FRP		GREENGUARD GOLD
PARKLAND PLASTICS - PLASTEX NRP		GREENGUARD GOLD
SEQUENTIA - EMBOSSED TEXTURE		GREENGUARD

FOR CONSTRUCTION



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Donald J. Rethman  
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SCALE: NO SCALE

SHEET NUMBER:  
**G-007**



WALL CONSTRUCTION SCHEDULE	
WALL LABELING KEY:	INTERIOR SHEATHING
	WALL STUD
	INTERIOR MODIFIER
WALL STUD	
4a	3 5/8" 20 GA STUDS AT 16" O.C. (FULL HEIGHT)
4b	3 5/8" 20 GA STUDS AT 16" O.C. (TERMINATE 6" ABOVE CEILING). PROVIDE 45 DEGREE METAL STUD BRACING AT 48" O.C. FROM TOP OF STUD WALL TO STRUCTURE ABOVE.
4c	3 5/8" 16 GA STUDS AT 16" O.C. (PARTIAL HEIGHT). DRYWALL SCREWS AT 12" O.C.
6a	6" 20 GA STUDS AT 16" O.C. (FULL HEIGHT)
INTERIOR SHEATHING	
A	BOTH SIDES 5/8" MOISTURE RESISTANT GYP. BOARD (ONE SIDE UNDERSIDE OF GYPSUM BOARD CEILING AND OTHER SIDE TERMINATE 6" ABOVE ACT CEILING)
B	BOTH SIDES 5/8" MOISTURE RESISTANT GYP. BOARD (BOTH SIDES TERMINATE 6" ABOVE ACT CEILING)
C	BOTH SIDES 5/8" MOISTURE RESISTANT GYP. BOARD (ONE SIDE TERMINATE 6" ABOVE ACT CEILING AND OTHER SIDE UP TO STRUCTURE)
D	BOTH SIDES 5/8" MOISTURE RESISTANT GYP. BOARD (BOTH SIDES UNDERSIDE OF GYPSUM BOARD CEILING)
E	BOTH SIDES 5/8" MOISTURE RESISTANT GYP. BOARD. (UP TO 4' - 0" AFF)
INTERIOR MODIFIERS	
ai	ACOUSTIC INSULATION (FULL HEIGHT)
48	PARTIAL HEIGHT WALL 48" AFF. 16 GA METAL STUDS AT 16" O.C. W/ RCKW RIGID CONNECTORS AT FLOOR. (MODIFIER = HEIGHT IN INCHES A.F.F.).

SYMBOL	ITEM	WEIGHT	HEIGHT A.F.F.	APPROX. WIDTH	
A	WORKROOM HAND SINK	128 LBS (58 KG)	36" TO 40" (915MM TO 1015MM)	30" (760MM) BEHIND SINK	
B	SHELVES ABOVE COMPARTMENT SINK	200 LBS (91 KG)	48" TO 76" (1220MM TO 1930MM)	96" (2440MM) CENTERED ABOVE COMPARTMENT SINK	
C	RESTROOM GRAB BARS	200 LBS (91 KG)	30" TO 36" (760MM TO 915MM)	60" (1525MM) AROUND WATER CLOSET	
D	SHELVES AT MANAGER'S DESK	300 LBS (136 KG)	32" TO 96" (810MM TO 2440MM)	48" (1220MM) 3/4 (19MM) ACX PLYWOOD, CENTERED ON SHELVES	
E	EQUIPMENT RACK AT MANAGER'S DESK	300 LBS (136 KG)	44" TO 96" (1120MM TO 2440MM)	28" (710MM) 3/4 (19MM) ACX PLYWOOD, CENTERED ON RACK	
F	WATER FILTRATION SYSTEM	TBD BY VENDOR	COORDINATE LOCATION AND EXTENT WITH PENTAIR		
G	RESTROOM HAND SINK	200 LBS (91 KG)	COMMERCIAL INSTALLATION REQUIRES CONCEALED ARM CARRIER. REFER TO MFR'S SPECIFICATION.		
H	UPPER CBE SHELVEING	BLOCKING SPECIFICATION FOR CBE METAL SHELVES. REFER TO VENDOR'S SPECIFICATION AND DETAILS.			
I	5-COMP LOCKERS	200LBS	0" TO 66" (0MM TO 1676MM)	SEE PLAN	
J	MILLWORK BOXES	BLOCKING SPECIFICATION FOR FRENCH CLEATING SYSTEM. REFER TO DETAILS.			
K	RESTROOM HAND DRYER	200LBS	36" TO 48" (915MM TO 1219MM)	24" STARTING 18" FROM WALL CORNER/SEE PLAN	
L	ALL ARTWORK, FIXTURES, ACCESSORIES AND CASEWORK FABRICATIONS NOT OTHERWISE NOTED	TBD BY VENDOR (VARIES)	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.		
M	ADAPTABLE CASEWORK	TBD BY VENDOR (VARIES)	BLOCKING SPECIFICATION FOR ADAPTABLE CASEWORK. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		

LEGEND	
	NEW FULL HEIGHT WALL
	NEW PARTIAL HEIGHT WALL
	EXISTING WALL
	WALL BLOCKING CALL OUT

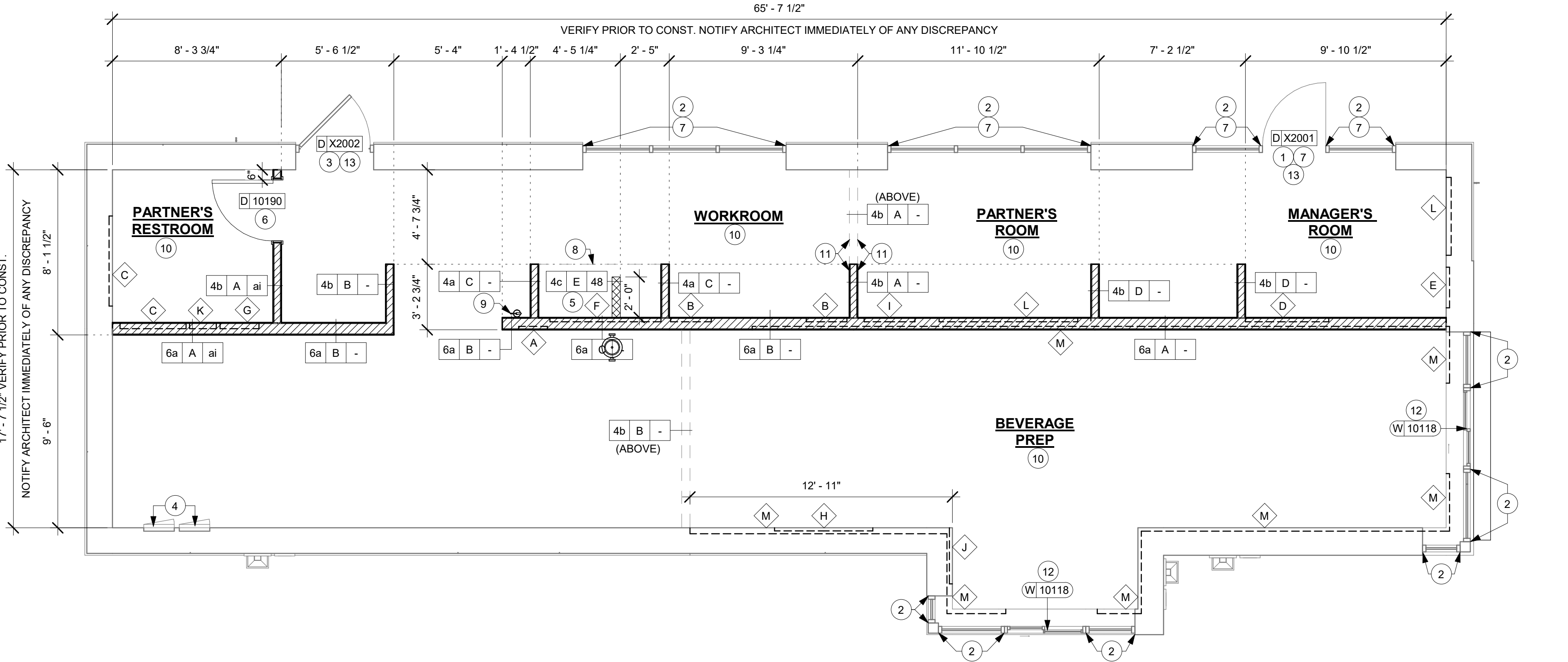
GENERAL NOTES

- A. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT.
- B. GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING, OR EQUIVALENT TO SUPPORT ANY WALL ATTACHMENT AND/OR SIGNAGE.
- C. IF EXISTING EXTERIOR ENTRANCE THRESHOLD EXCEEDS MINIMUM BARRIER FREE PROVISION OF THE CODE, REMOVE AND REPLACE WITH ACCESSIBLE THRESHOLD. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS TO BE BEVELED WITH A SLOPE NO GREATER THAN 1:12.
- D. ALL DIMENSIONS ARE TO FINISHED FACE UNLESS SHOWN OR NOTED OTHERWISE.
- E. INSTALL MOISTURE RESISTANT GREEN BOARD ON BACKBAR WALL PER PROJECT MANUAL.
- F. ALL DOORS SHALL BE 32" (815MM) MINIMUM CLEAR OPENING WHEN OPENED TO 90 DEGREE POSITION UNLESS OTHERWISE NOTED.
- G. SEE SHEET A601 FOR EXTERIOR DOOR AND WINDOW SCHEDULES.
- H. STARBUCKS VENDOR TO PROVIDE DOOR HARDWARE COMPONENTS AND GC TO INSTALL.
- I. VERIFY ALL EXISTING DOORS, HARDWARE AND FRAMES MEET STARBUCKS AND/OR CODE REQUIREMENTS.
- J. PROVIDE FIRE EXTINGUISHERS AS NOTED ON THE APPROVED PLANS FROM THE CITY.
- K. SEE SHEET A-501 FOR BUILDING DETAILS.
- L. REFER TO SHEET I-106 FOR FLOOR FINISHES.

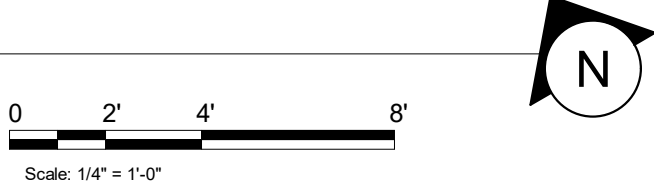
KEYED NOTES

1. EXISTING STOREFRONT DOOR. GC TO ENSURE IN PROPER WORKING ORDER AND REPAIR AS NECESSARY. REPLACE HARDWARE AS REQUIRED.
2. EXISTING STOREFRONT WINDOW SYSTEM. GC TO CLEAN TO "LIKE NEW" CONDITION AND REPAIR AS NECESSARY.
3. EXISTING 42IN SERVICE DOOR. GC TO ENSURE IN PROPER WORKING ORDER AND REPAIR AS NECESSARY. REPLACE HARDWARE AS REQUIRED.
4. RECESSED ELECTRICAL PANEL. GC CONFIRM WITH WL AS INDICATED. MAINTAIN MINIMUM CLEARANCES AS REQUIRED BY CODE. REFER TO ELECTRICAL DRAWINGS.
5. CONSTRUCT NEW 4' - 0" HIGH PARTIAL-HEIGHT WALL AS INDICATED. PROVIDE KNEE BRACE KIT #SKB AS MANUFACTURED BY PITTCON INDUSTRIES @ 4' - 0" O.C. MAXIMUM FINISH ALL EXPOSED EDGES.
6. INSTALL NEW DOORS AS INDICATED. SEE SHEET A-601 FOR DOOR AND HARDWARE TYPE.
7. INSTALL DID#19458 DUSTED CRYSTAL WINDOW FILM ON INTERIOR FACE OF GLAZING. REFER TO SHEET I-101.1 FOR GRAPHICS SCHEDULE.
8. SHELF FOR WATER HEATER ABOVE.
9. FIRE EXTINGUISHER LOCATION.
10. GC TO INSTALL REINFORCED CONCRETE FLOOR SLAB AND VAPOR BARRIER OVER EXISTING COMPACTED FILL. SEE SPECIFICATIONS.
11. ALIGN FACE OF FINISHED WALL.
12. EXISTING DT WINDOW.
13. REFER TO SHEET A-601 FOR DOOR AND HARDWARE TYPE.

NOTE:  
SEE SHEET A-501 & A-502 FOR WALL CONSTRUCTION DETAILS.



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



FOR CONSTRUCTION

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PRODUCTION DESIGNER: ANDY MCLOUD  
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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**BUILDING FLOOR PLAN**

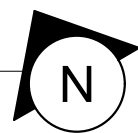
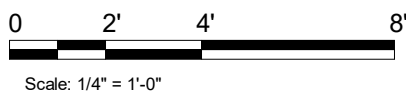
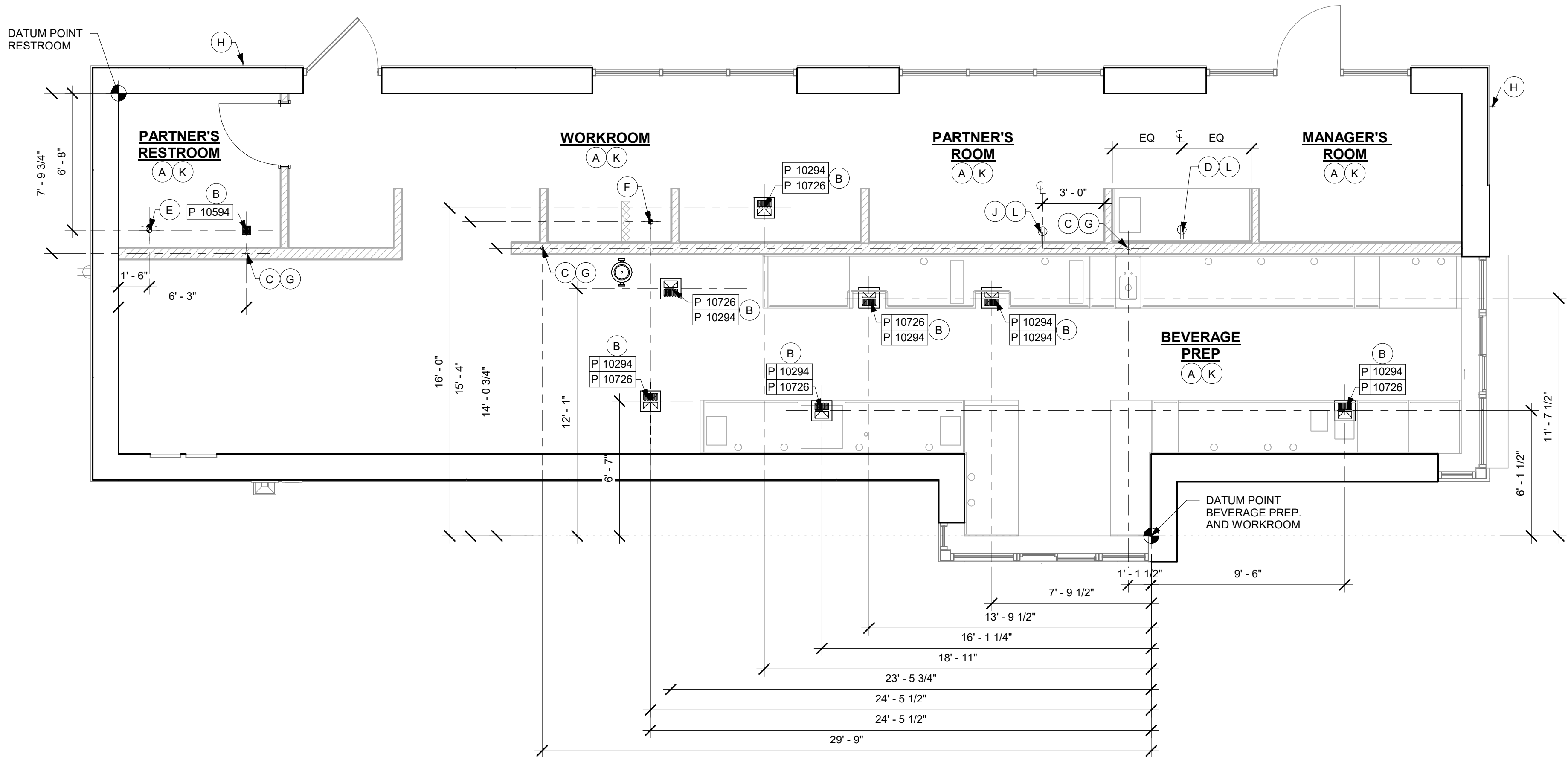
SCALE: 1/4" = 1'-0"

SHEET NUMBER:  
**A-101**



1 BUILDING FLOOR PENETRATION PLAN

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



LEGEND

- FLOOR SINK
- FLOOR PENETRATION
- ELECTRICAL PENETRATION AREA
- DATUM POINT
- DRAIN FLOOR SINK (RESTROOMS)
- WALL OUTLET

NOTE: SEE SHEET I-101.1 FOR PLUMBING FIXTURE SCHEDULE

KEYED 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/ DRAIN: REFER TO CUT SHEETS FOR COMPONENT SPECIFICATIONS AND CUTOUT REQUIREMENTS.
- C. WASTE LINE PENETRATIONS: REFER TO PLUMBING PLANS FOR INDIVIDUAL LINE LOCATIONS.
- D. LOCATION OF DUPLEX OUTLET AT 42 IN AFF. COORDINATE LOCATIONS WITH STARBUCKS CM. REFER TO ELECTRICAL SHEETS FOR MORE INFORMATION.
- E. TOILET FLOOR PENETRATION: REFER TO CUT SHEETS FOR STUB-UP LOCATION RELATIVE TO FINISHED WALL.
- F. FLOOR PENETRATIONS AT MOP SINK: REFER TO PLUMBING PLANS FOR INDIVIDUAL LINE SPECIFICATION.
- G. PENETRATION TO BE LOCATED ON CENTERLINE OF WALL OR AS REQUIRED PER CONDITIONS.
- H. EXISTING HOSE BIB.
- J. LOCATION OF RADIANT 15A TAMPER RESISTANT ULTRA FAST USB TYPE A/C OUTLET, WHITE AT 18 IN AFF. COORDINATE LOCATIONS WITH STARBUCKS CM. REFER TO ELECTRICAL SHEETS FOR MORE INFORMATION.
- K. REFER TO SHEET I-106 FOR FLOOR FINISHES.
- L. ALL OUTLETS IN PARTNER'S AND MANAGER'S ROOM TO MATCH SURROUNDING COLOR RECEPTACLES AND COVER PLATE.



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SHEET TITLE:  
**BUILDING FLOOR PENETRATION PLAN**  
SCALE: 1/4" = 1'-0"

SHEET NUMBER:  
**A-102**

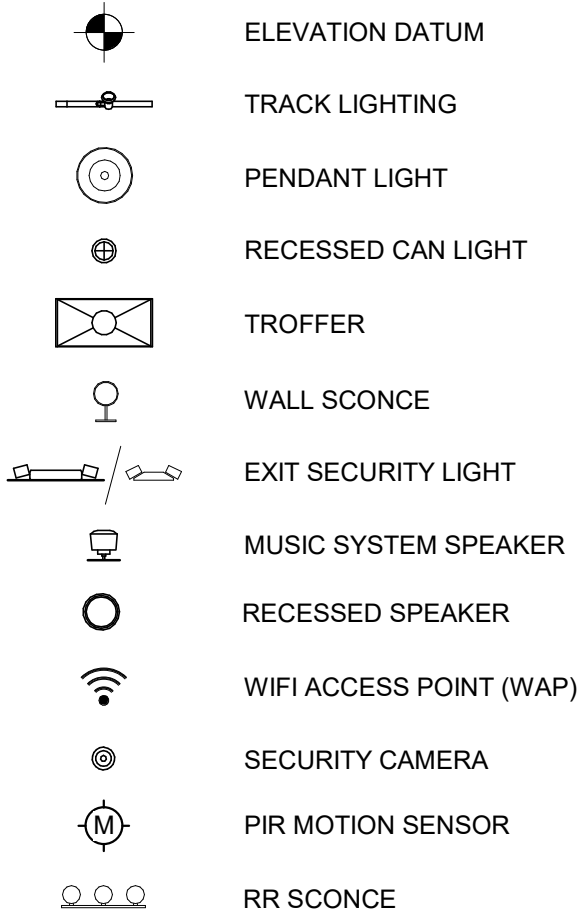


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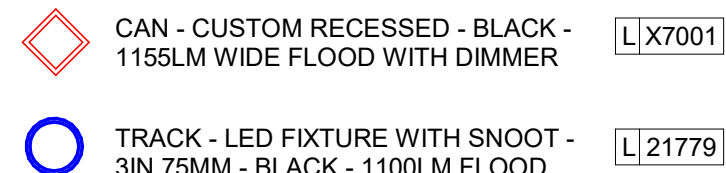
CEILING TREATMENT SCHEDULE - "U"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
OTHER					
19734	833 SF	ACT - ULTIMA - 2X2FT 61X61CM	GC	GC	FACTORY FINISHED SW7031 MEGA GREIGE; FOR ORDERING CONTACT DEB PICKENS AT DPLPICKENS@ARMSTRONGCEILINGS.COM, PH: 480-695-9053

PAINT SCHEDULE					
COLOR CODE	DESCRIPTION	LRV	FURN. BY	INST. BY	COMMENTS
SW6991-SG	SW - BLACK MAGIC - SEMIGLOSS	6	GC	GC	USE PRIMER CP-1
SW7031-ES	SW - MEGA GREIGE - EGGSHELL	37	GC	GC	USE PRIMER CP-1
SW7033-ES	SW - BRAINSTORM BRONZE - EGGSHELL	15	GC	GC	USE PRIMER CP-1
SW7033-SG	SW - BRAINSTORM BRONZE - SEMIGLOSS	15	GC	GC	USE PRIMER CP-1
SW7631-ES	SW - CITY LOFT - EGGSHELL	70	GC	GC	USE PRIMER CP-1

## LEGEND



## LIGHTING LEGEND



## GENERAL NOTES

- 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 FRONTBAR, CONCEAL SUPPLY PIPING WITHIN SOFFIT. GENERAL CONTRACTOR TO SUBMIT SPRINKLER LAYOUT TO STARBUCKS' CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO INSTALLATION.
- LEAVE TEN (10) ADDITIONAL RETAIL CEILING TILES TO MATCH RETAIL CEILING PAINT COLOR ABOVE THE WORKROOM CEILING AT MANAGER'S DESK FOR FUTURE USE.
- PROVIDE GROMMET AT ACOUSTIC CEILING PENETRATIONS FOR FIXTURES OF SUPPORTS.
- HEATING, VENTILATING AND AIR CONDITIONING SHOWN ON THIS PLAN PROVIDED FOR REFERENCE ONLY. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- DIFFUSERS AND RETURNS IN ACOUSTICAL CEILING TILE TO BE CENTERED IN TILE AND PAINTED TO MATCH ADJACENT FINISHES (TYP.).
- 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.
- PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS' NATIONAL ACCOUNT "COLOR CODE" WHEN ORDERING PAINTS.

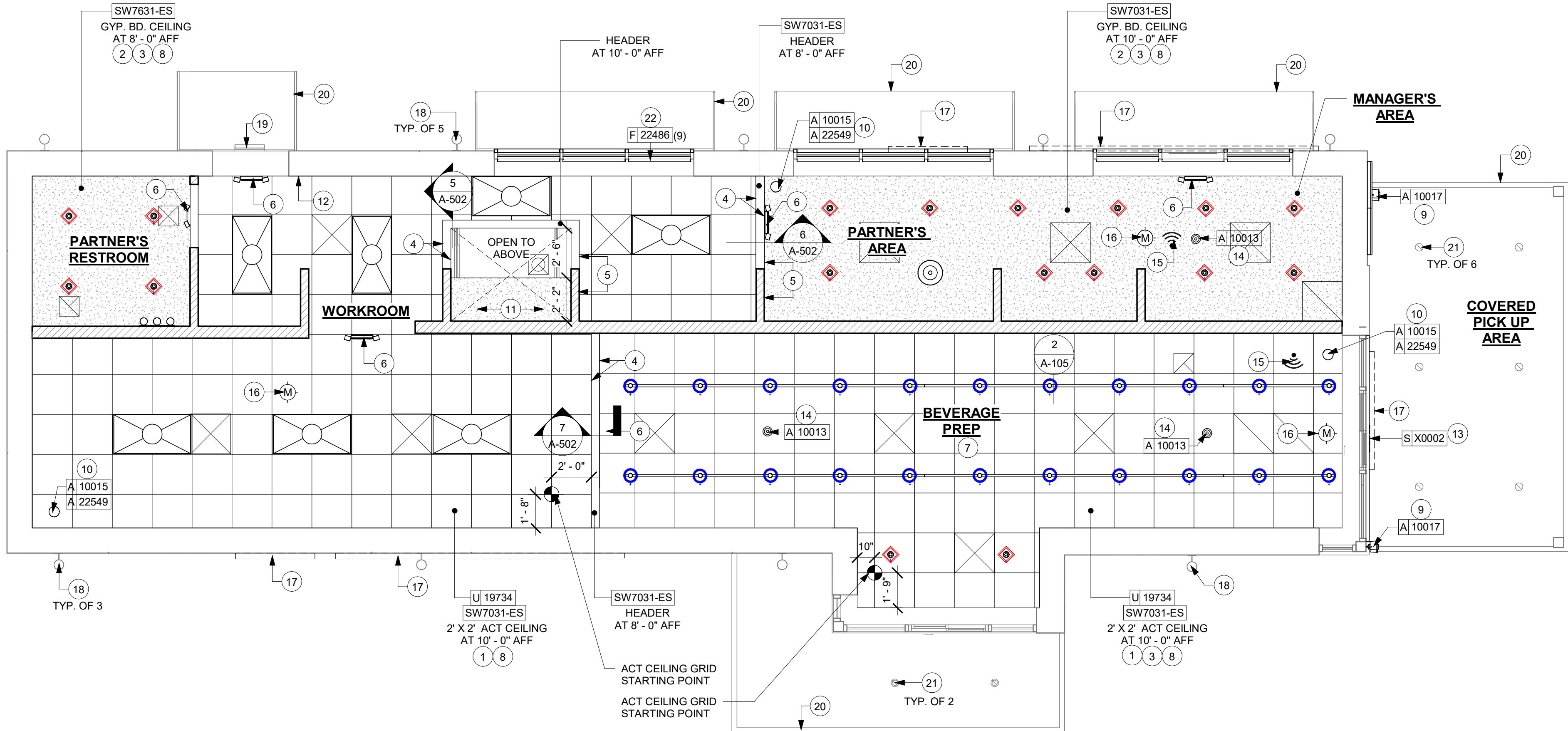
## RESPONSIBILITY LEGEND

FURN. BY	INST. BY
SB - FURNISHED BY STARBUCKS	GC - INSTALLED BY GENERAL CONTRACTOR
GC - FURNISHED BY GENERAL CONTRACTOR	SB - INSTALLED BY STARBUCKS
VD - FURNISHED BY VENDOR	VD - INSTALLED BY VENDOR

**NOTE:** ALL RESPONSIBILITIES TO BE CONFIRMED WITH STARBUCKS CONSTRUCTION MANAGER PRIOR TO ORDERING / CONSTRUCTION.

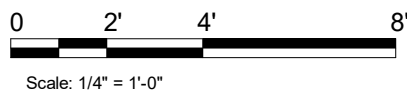
## KEYED NOTES

- INSTALL 2' X 2' ACT CEILING TILE LOCATED IN WORKROOM AND ENGINE AREA AS INDICATED.
- GYP. CEILING / SOFFIT WITH SMOOTH FINISH (PAINT AS SCHEDULED).
- PAINT RECESSED LIGHTING TRIM TO MATCH CEILING AS CLOSELY AS POSSIBLE.
- LINE OF HEADER.
- ALIGN FINISHED SURFACES.
- LOCATIONS OF ALL EGRESS LIGHTING FOR REFERENCE ONLY. GC TO VERIFY WITH LOCAL FIRE MARSHAL PRIOR TO INSTALLATION.
- REFER TO INTERIOR FINISH ELEVATIONS FOR MENU BOARD SPACING.
- REFER TO SHEET A-105 FOR LIGHTING LOCATIONS AND INFORMATION.
- INSTALL EXTERIOR WALL MOUNTED SPEAKERS TIGHT TO CANOPY.
- INSTALL RECESSED SPEAKERS AS INDICATED.(CENTER ON ACT WHERE APPLICABLE)
- PLATFORM FOR HEATER AND WATER FILTRATION. PROVIDE SOFFIT AND LIFT CEILING THIS AREA ONLY TO ENSURE ADEQUATE CLEARANCE FOR SERVICING.
- LOCATION OF ALL SWITCHING.
- INSTALL EXTERIOR WALL MOUNTED PICK UP SIGN AS INDICATED.
- INSTALL SECURITY CAMERA AS INDICATED.
- WIRELESS ACCESS POINT: LOCATE (2) PER STORE, ONE ABOVE POS, ONE NEAR MANAGER'S WORKSTATION.
- PER MOTION DETECTOR: MOTION DETECTORS ARE REQUIRED IN THE FOLLOWING LOCATIONS: (CENTRALLY LOCATE IN ZONES LISTED BELOW)
  - A. BEHIND BAR NEAR POINT OF SALE
  - B. AT MANAGER'S WORKSTATION
  - C. CENTRALLY LOCATED IN BACK OF HOUSE
- EXTERIOR BUILDING SIGNAGE. SEE BUILDING EXTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- EXISTING EXTERIOR WALL SCONCES.
- EXISTING EXTERIOR SECURITY LIGHT.
- EXISTING AWNING / CANOPY.
- EXISTING EXTERIOR CANOPY RECESSED CAN LIGHTS.
- INSTALL ROLLER SHADES AS INDICATED.




## REFLECTED CEILING PLAN

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



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STARBUCKS TEMPLATE VERSION: i2021-09-13

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Timothy L. Raberding, PE  
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PROJECT NAME:  
**US 17-92 & LAKE MARY BLVD**

PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 23773**

STORE #:	81065
PROJECT #:	98504-001
ISSUE DATE:	08-03-2023
DESIGNER:	PAULINA LOPEZ
PRODUCTION DESIGNER:	ANDY MCLOUD
CHECKED BY:	DONALD RETHMAN

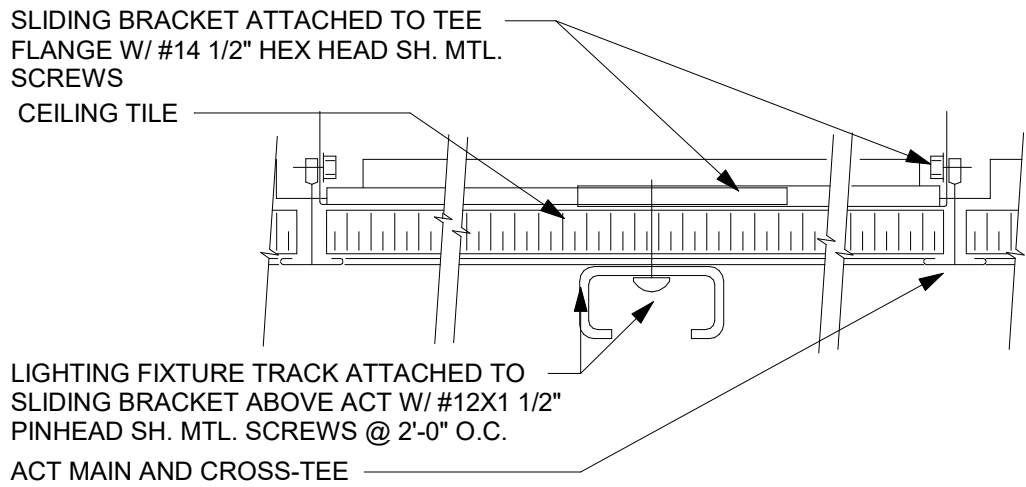
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**REFLECTED CEILING PLAN**  
SCALE: 1/4" = 1'-0"

SHEET NUMBER:  
**A-104**



LIGHTING FIXTURE SCHEDULE - "L"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
EXIT						
19044	3	LED EXIT SIGN WITH EMERGENCY LIGHT - WHITE AND RED	SB	GC	INTEGRATED LED	
19047	1	LED EXIT SIGN WITH EMERGENCY LIGHT - BLACK AND GREEN	SB	GC	INTEGRATED LED	
19056	1	LED EMERGENCY LIGHT DOUBLE - WHITE	SB	GC	INTEGRATED LED	
PENDANT						
21422	1	PENDANT - REJUVENATION ABIGAIL SOFT CONE - UNGLAZED TOAST	SB	GC	6 W LED, AS PACKAGED	
RECESSED CAN						
X7001	17	CAN - CUSTOM RECESSED - BLACK - 1155LM FLOOD WITH DIMMER	SB	GC	INTEGRATED LED	
SCONCE						
20748	1	SCONCE - KUZCO PLUTO TRIPLE - CHROME	SB	GC	INTEGRATED LED	
TRACK						
12948	4	TRACK - WITH CONNECTORS - 16FT 488CM - BLACK - 1 CIRCUIT	SB	GC		ALL BAR / CAFE TRACK LIGHTING TO BE RUN THROUGH 1A / 2A CURRENT LIMITING DEVICE #RCLF12BL-TCL2BL; SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
15058	2	TRACK - WITH CONNECTORS - 6FT 183CM - BLACK - 1 CIRCUIT	SB	GC		ALL BAR / CAFE TRACK LIGHTING TO BE RUN THROUGH 1A / 2A CURRENT LIMITING DEVICE #RCLF12BL-TCL2BL; SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
21779	22	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD	SB	GC	INTEGRATED LED	
TROFFER						
21783	7	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4300LM	SB	GC	INTEGRATED LED	



2 TRACK LIGHT - ACT MOUNT  
Scale: 6" = 1'-0"

## LEGEND

- ELEVATION DATUM
- TRACK LIGHTING
- PENDANT LIGHT
- RECESSED CAN LIGHT
- TROFFER
- WALL SCONCE
- EXIT SECURITY LIGHT
- MUSIC SYSTEM SPEAKER
- RECESSED SPEAKER
- WIFI ACCESS POINT (WAP)
- SECURITY CAMERA
- PIR MOTION SENSOR
- RR SCONCE

## LIGHTING LEGEND

- CAN - CUSTOM RECESSED - BLACK - 1155LM WIDE FLOOD WITH DIMMER L X7001
- TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD L 21779

## GENERAL NOTES

- WHERE ACOUSTICAL CEILING MEETS WALL, PROVIDE ANGLE WALL MOULDING FOR REVEAL. MATCH CEILING GRID COLOR WHEN APPLICABLE.
- PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS' NATIONAL ACCOUNT "COLOR CODE" WHEN ORDERING PAINTS. SEE SHEET I-602 FOR PAINT SCHEDULES.
- ALL FIXTURES IN FOOD PREPARATION AREA SHALL HAVE SHATTERPROOF LAMPS IF THE FIXTURE IS NOT LENSED.
- PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES/SUPPORTS.
- ADJUST FOCUS OF ALL TRACK AND RECESSED DIRECTIONAL LIGHTING TO FULLY ILLUMINATE ALL ARTWORK, MENU BOARDS AND MERCHANDISE BAYS.
- IF PENDANT SUSPENDED LENGTH EXCEEDS 48" (1220MM) FROM CEILING, REPLACE WITH SURFACE-MOUNTED PENDANT AND SUSPEND WITH GC-SUPPLIED CONDUIT AND J-BOX TO DIMENSIONED HEIGHT.
- CENTER EMERGENCY/EXIT LIGHTS ABOVE DOORS, UON.

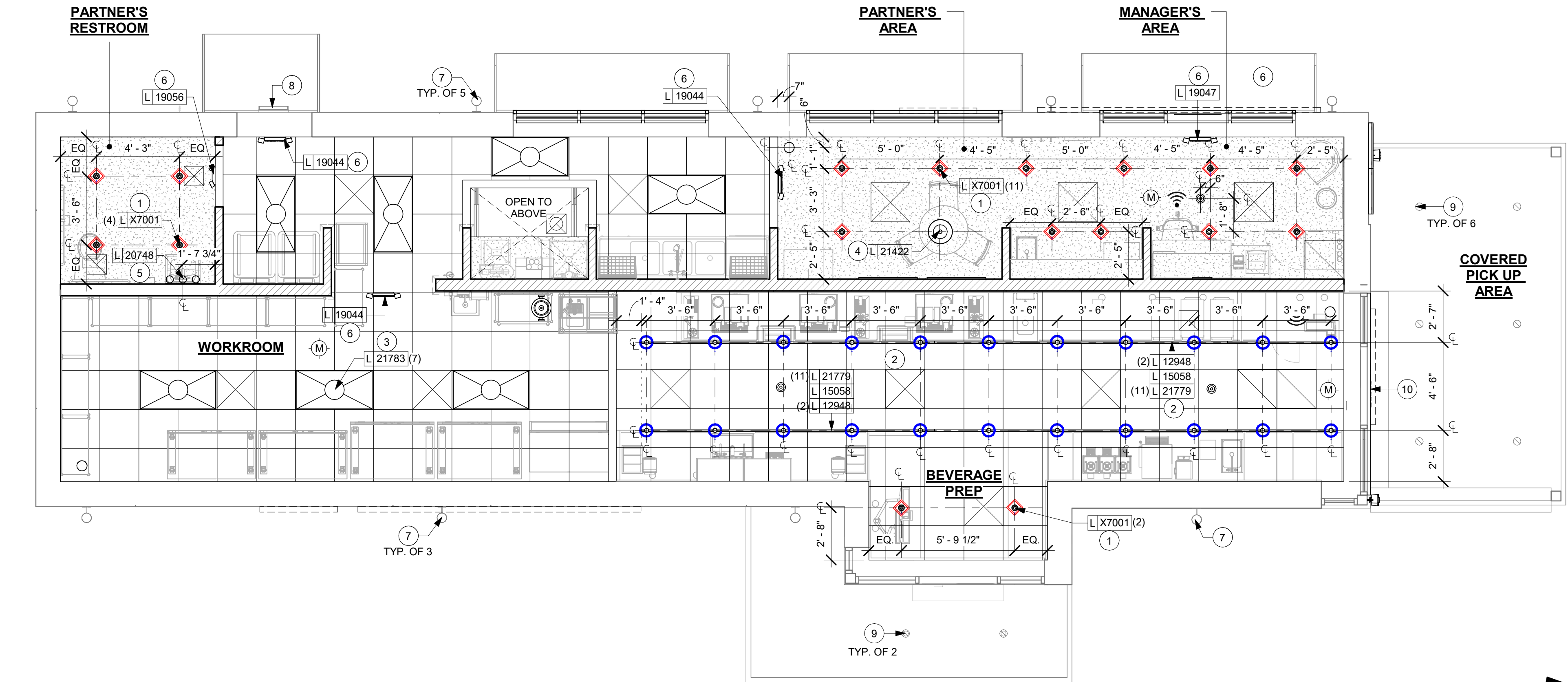
## KEYED NOTES

- INSTALL RECESSED CAN LIGHTS AS INDICATED. (CENTER ON ACT WHERE APPLICABLE)
- INSTALL SURFACE MOUNTED TRACK LIGHTING AS INDICATED.
- INSTALL RECESSED TROFFER LIGHTS AS INDICATED.
- INSTALL PENDANT LIGHT AT PARTNER AREA AS INDICATED REFER TO INTERIOR ELEVATION FOR MOUNTING HEIGHT.
- MOUNT RESTROOM WALL SCONCE WITH CENTER OF J-BOX AT 6' - 8" AFF AS INDICATED ON RESTROOM ELEVATIONS.
- LOCATIONS OF ALL EGRESS LIGHTING FOR REFERENCE ONLY. GC TO VERIFY WITH LOCAL FIRE MARSHAL PRIOR TO INSTALLATION.
- EXISTING EXTERIOR WALL SCONCES.
- EXISTING SECURITY LIGHT.
- EXISTING EXTERIOR CANOPY RECESSED CAN LIGHTS.
- INSTALL EXTERIOR WALL MOUNTED PICK UP SIGN AS INDICATED.

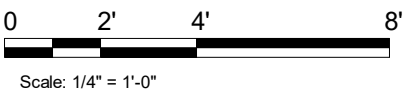
## RESPONSIBILITY LEGEND

FURN. BY	INST. BY
SB - FURNISHED BY STARBUCKS	GC - INSTALLED BY GENERAL CONTRACTOR
GC - FURNISHED BY GENERAL CONTRACTOR	SB - INSTALLED BY STARBUCKS
VD - FURNISHED BY VENDOR	VD - INSTALLED BY VENDOR


**NOTE:** ALL RESPONSIBILITIES TO BE CONFIRMED WITH STARBUCKS CONSTRUCTION MANAGER PRIOR TO ORDERING / CONSTRUCTION.



1 DIMENSIONED CEILING AND LIGHTING PLAN  
Scale: 1/4" = 1'-0"



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STARBUCKS TEMPLATE VERSION: I:2021-09-13

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PROJECT NAME:  
**US 17-92 & LAKE MARY BLVD**

PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 23773**

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

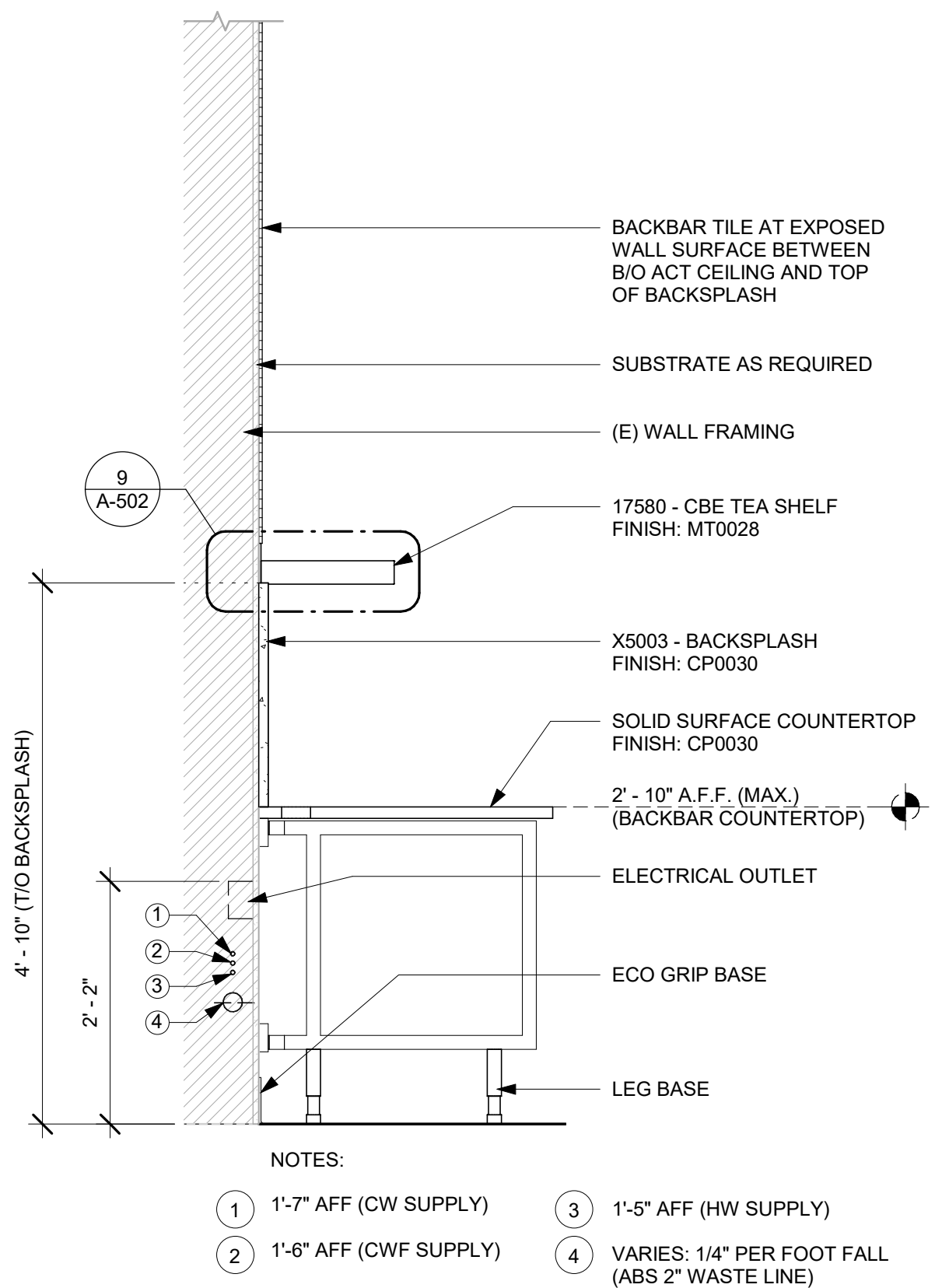
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**DIMENSIONED CEILING AND LIGHTING PLAN**  
SCALE: AS SHOWN

SHEET NUMBER:  
**A-105**

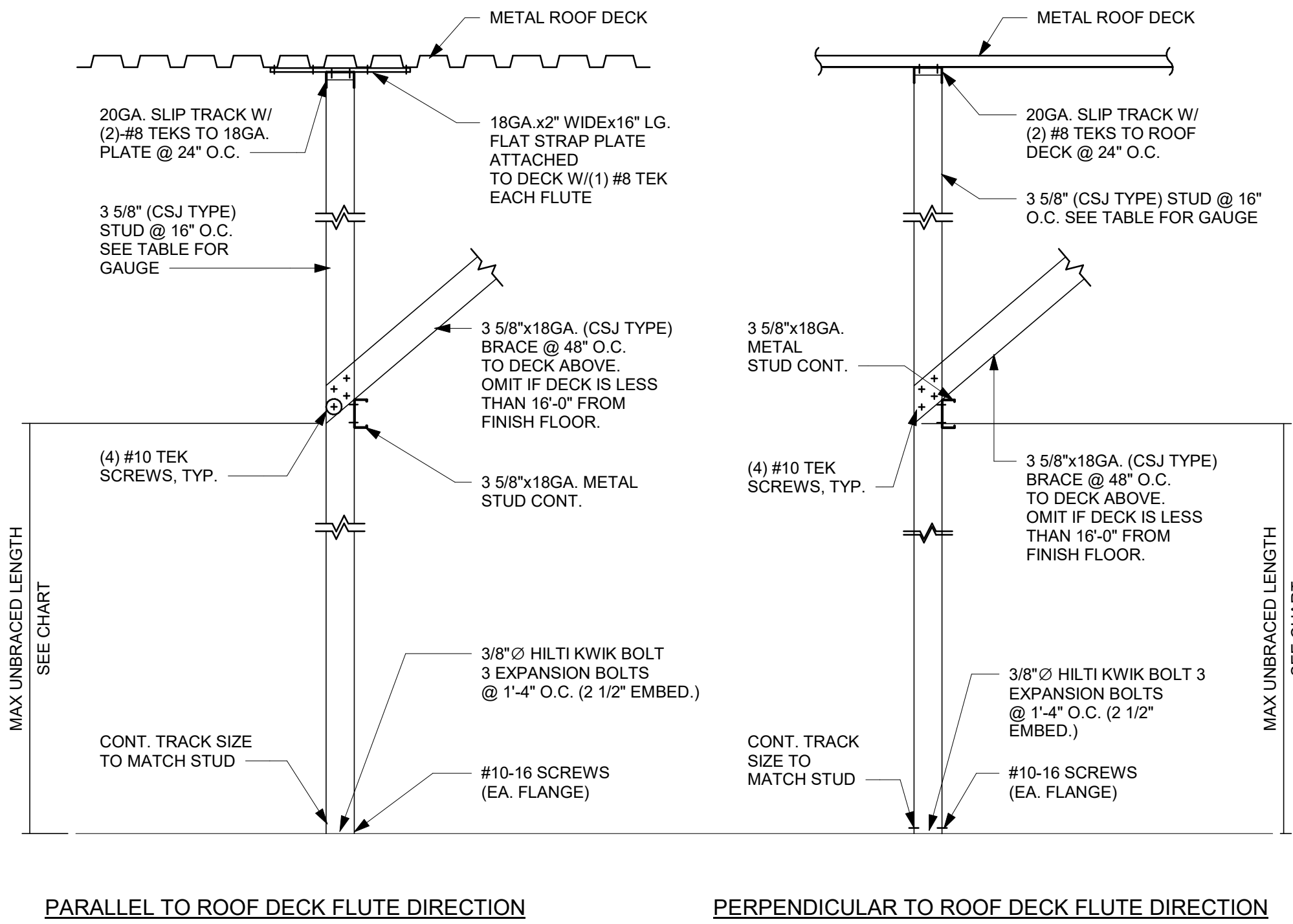


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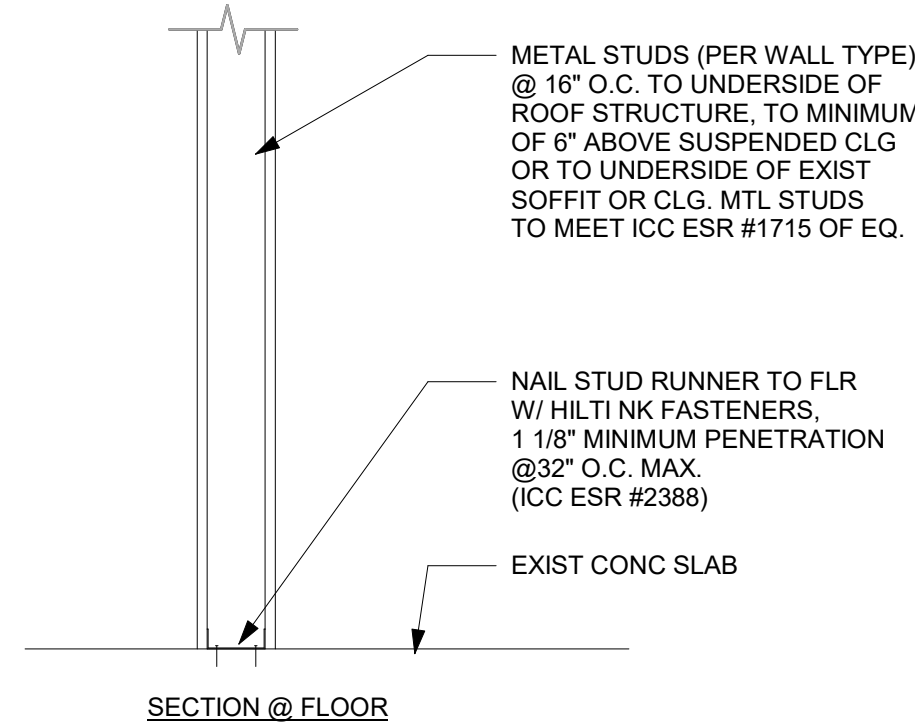
#### 1 WALL SECTION AT BACKBAR

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



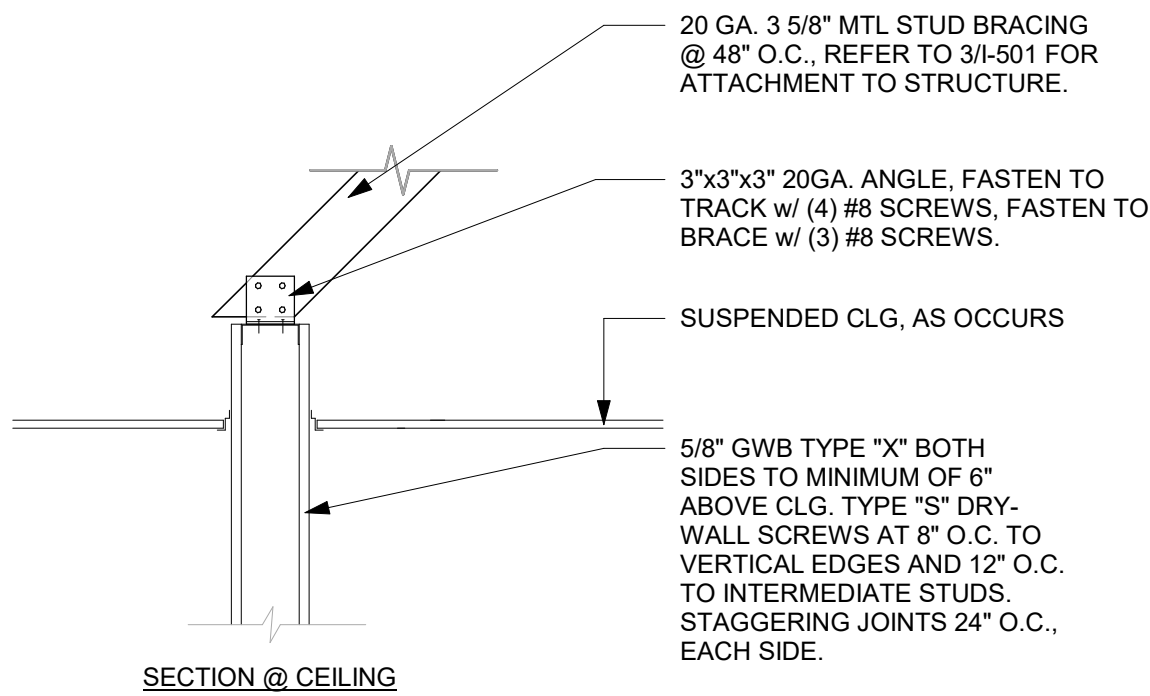
#### 2 NEW PARTITION WALL TO STRUCTURE

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



#### 4 NEW PARTITION WALL 6" ABOVE CEILING

Scale: 1" = 1'-0"



PARTITION WALL SCHEDULE					
WALL HEIGHT	STUD SIZE	DEFL TRACK	DEFL TRACK SPANNING BTWN (E) JOISTS	BOT TRACK	
15 FEET	362S137-33	33 MIL	JST @ 4' O.C. JST @ 6' O.C.	54 MIL 68 MIL	33 MIL
20 FEET	550S162-33	33 MIL	JST @ 4' O.C. JST @ 6' O.C.	68 MIL 97 MIL	33 MIL
25 FEET	600S200-43	43 MIL	JST @ 4' O.C. JST @ 6' O.C.	68 MIL 97 MIL	33 MIL

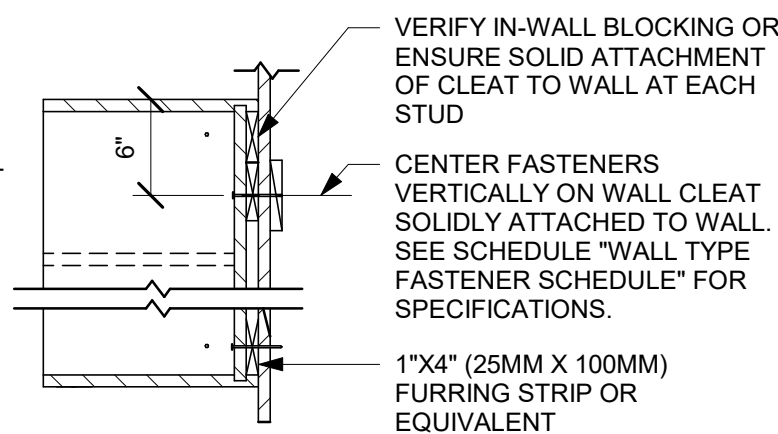
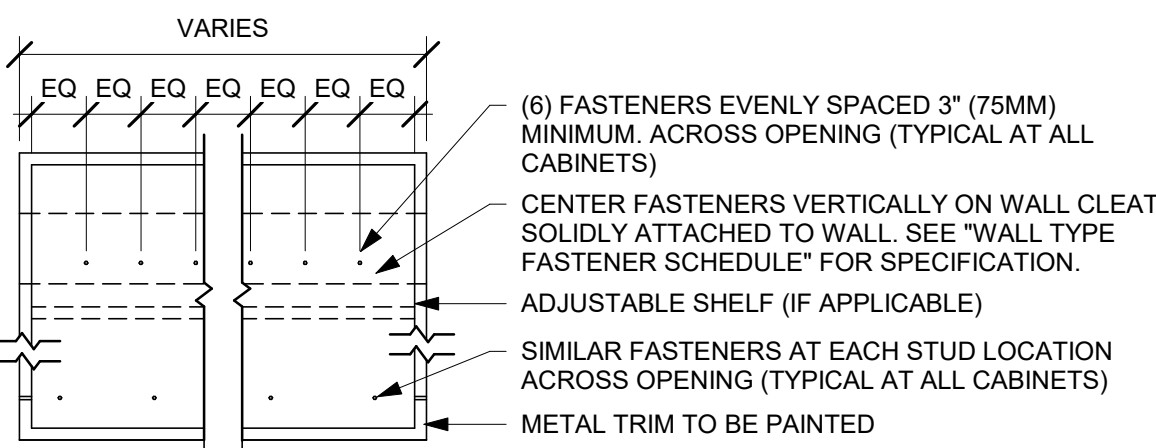
#### 5 PARTITION WALL SCHEDULE

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

WALL TYPE FASTENER SCHEDULE			
WALL TYPE	WALL BLOCKING	FASTENERS	NOTES
WOOD FRAME	X	#8 X3" (75MM) WD OR EQUIVALENT	REFER TO BLOCKING REQUIREMENTS
METAL FRAME	X	#6CT. X11/4" (30MM) MTL WD OR EQUIVALENT	REFER TO BLOCKING REQUIREMENTS
CMU		MIN. 5/16"x3" (8MMx75MM) TAPCON OR EQUIVALENT	SPACE PER DETAIL THIS SHEET
CONCRETE		MIN. 1/4"x3" (7MMx75MM) SLEEVE ANCHOR OR EQUIVALENT	SPACE PER DETAIL THIS SHEET
BRICK		MIN. 1/4"x1" (7MMx25MM) WEDGE ANCHOR OR EQUIVALENT	SPACE PER DETAIL THIS SHEET AVOID SETTING ANCHORS IN MORTAR JOINTS

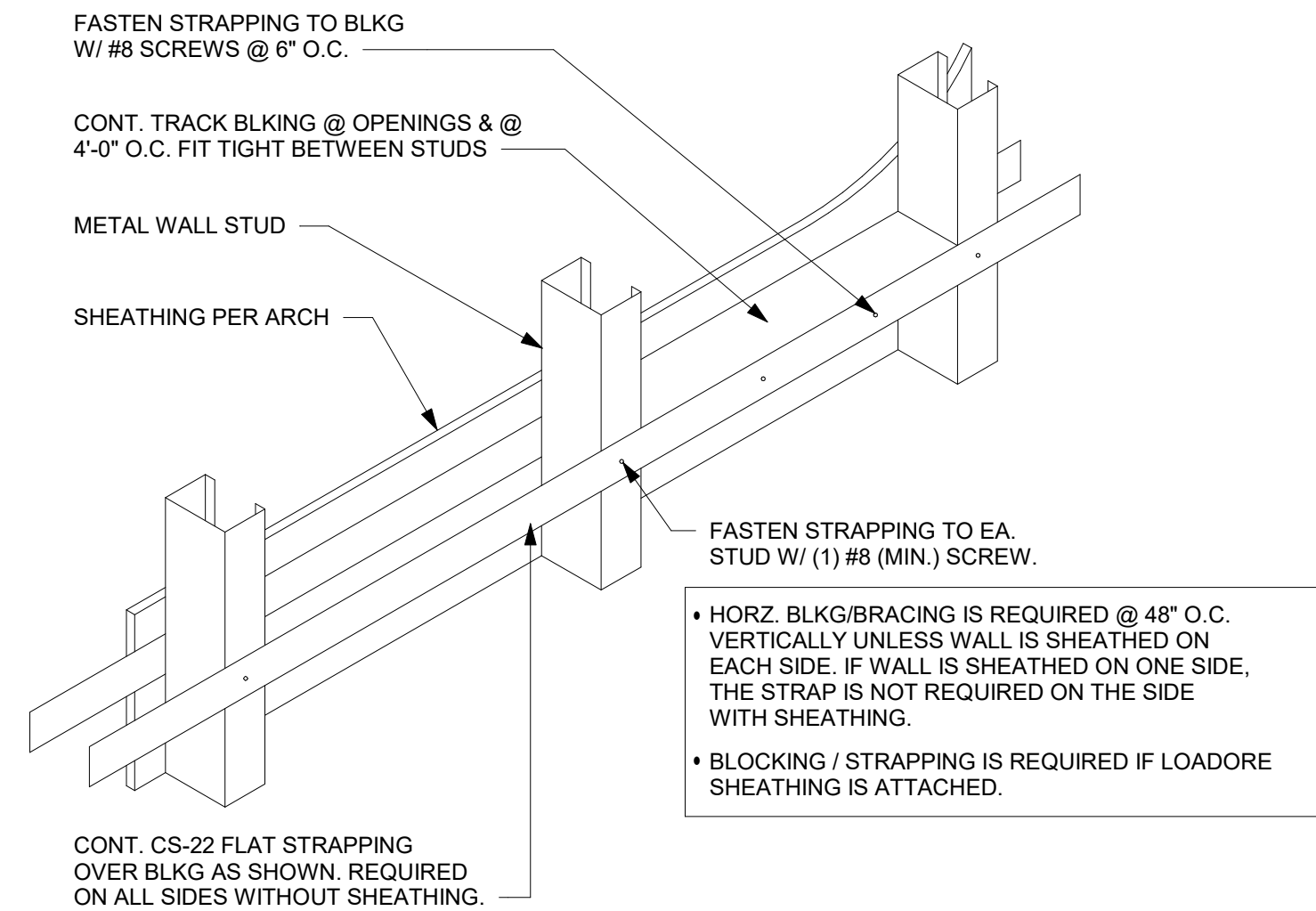
**STUD WALL BLOCKING REQUIREMENTS:**  
WOOD STUD WALLS REQUIRE MIN. 2"x6"  
(50MMx150MM) WOOD BLOCKING SECURED  
FLUSH TO STUD FACE WITH (3) 10D NAILS (OR  
EQUIVALENT)

METAL STUD WALLS REQUIRE MIN. 2"x6"  
(50MMx150MM) WOOD BLOCKING SECURED  
FLUSH TO STUD FACE WITH MIN. (3) #6 CT.  
1.25" (30MM) SCREWS (OR EQUIVALENT)



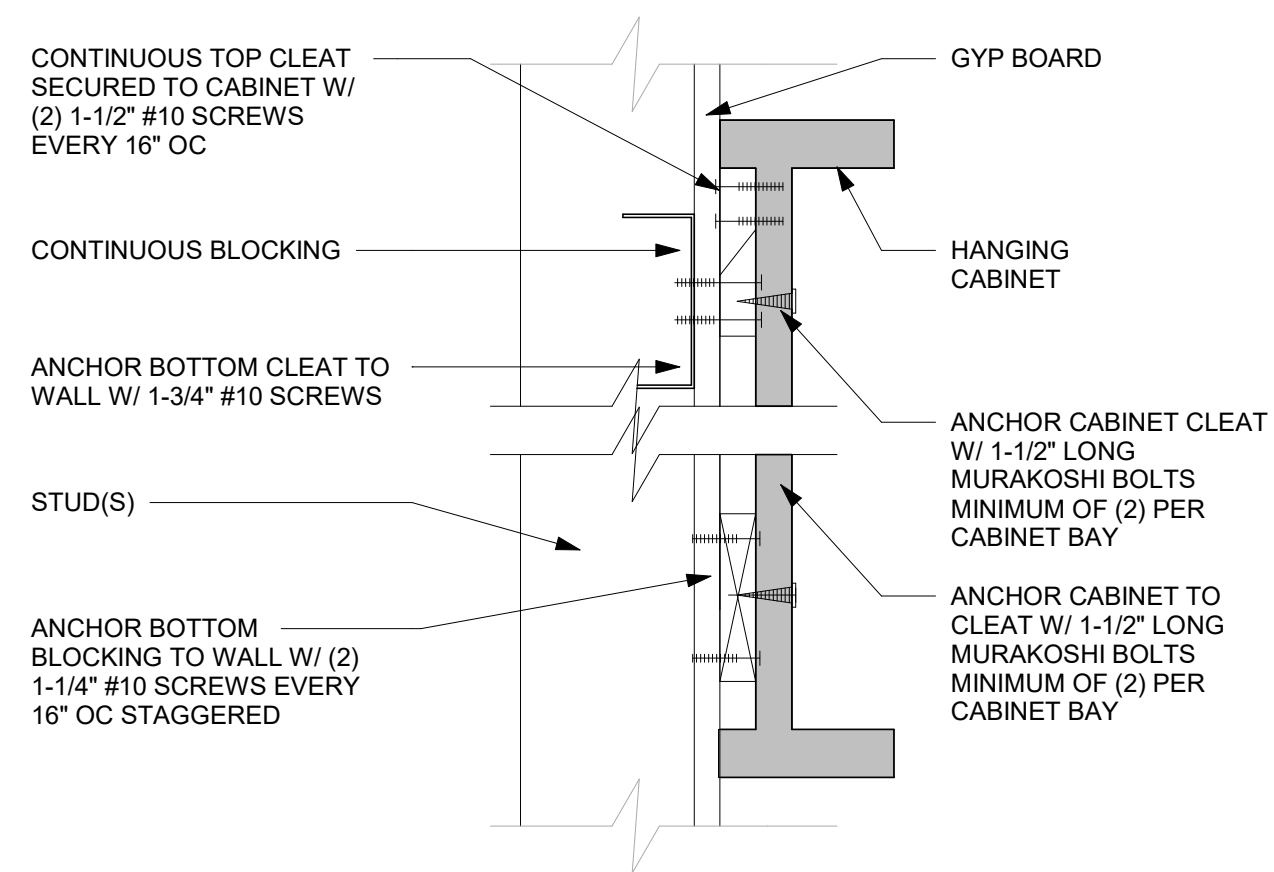
#### 7 UPPER CABINET ATTACHMENT

Scale: 1" = 1'-0"



#### 3 TYPICAL WALL BLOCKING\_BRACING

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



#### 6 ANCHOR DETAIL

Scale: 3" = 1'-0"

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Timothy L. Raberding, PE  
Professional Engineer  
License: 62078

PROJECT NAME:  
**US 17-92 & LAKE MARY  
BLVD**

PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 23773**

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

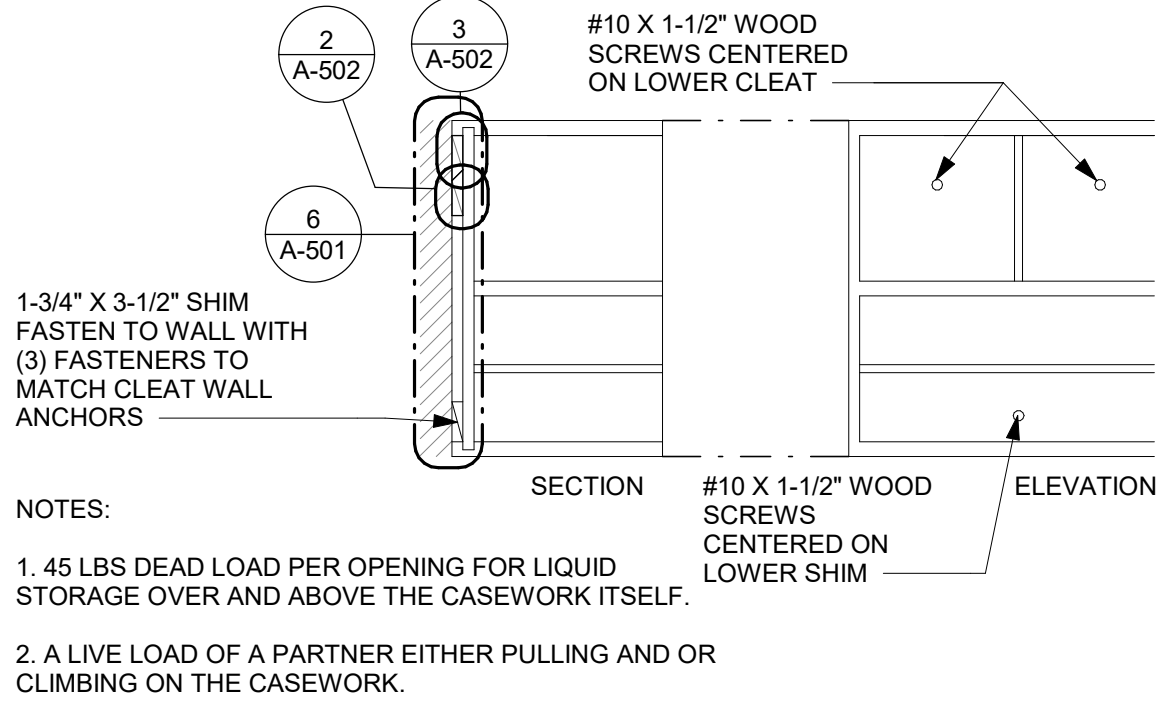
SHEET TITLE:  
**BUILDING DETAILS**

SCALE: AS SHOWN

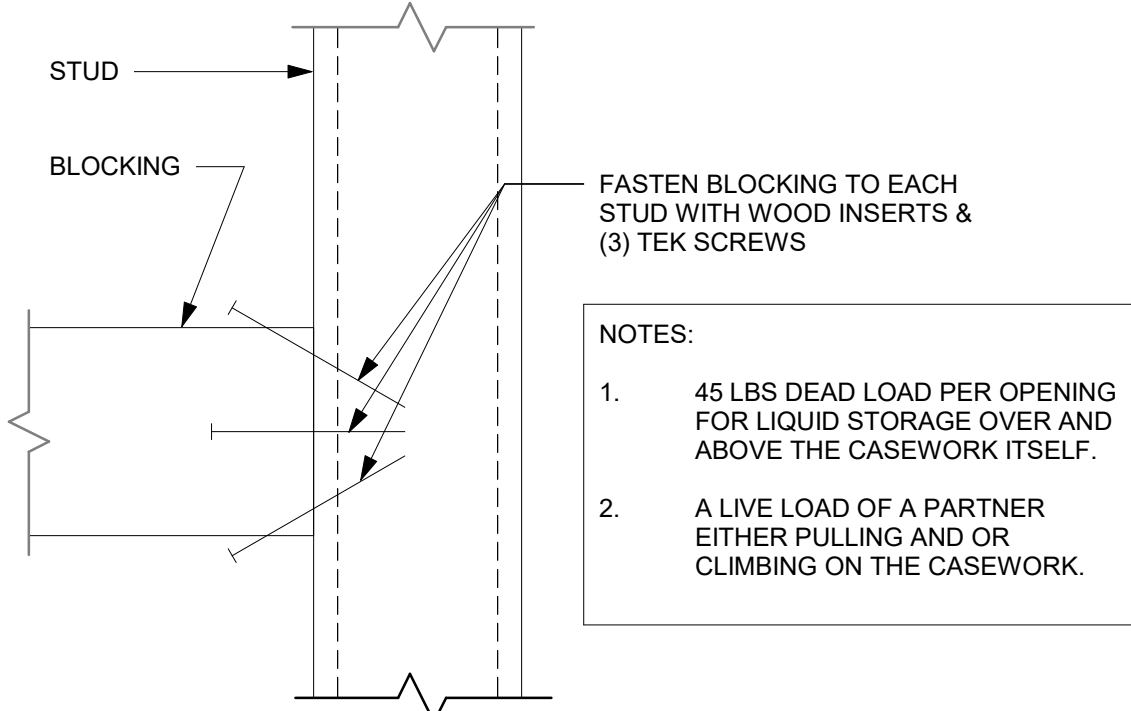
SHEET NUMBER:  
**A-501**



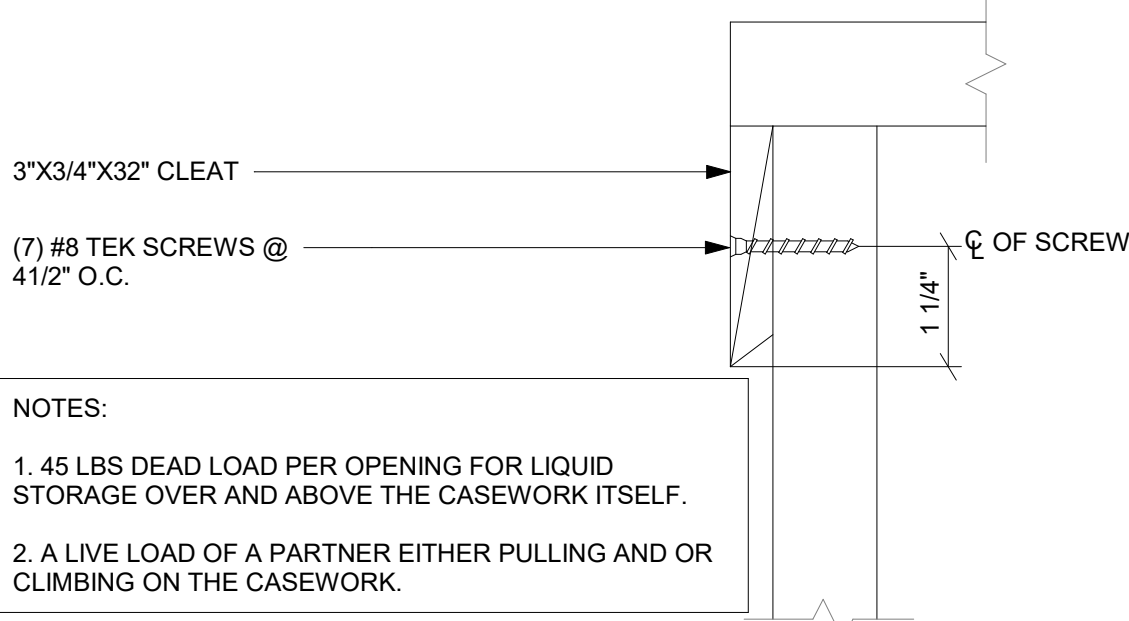
C:\Users\kailey.jennings\Documents\98504-001\_TBD\_US 17-92 & Lake Mary Blvd, FL\_2021\_kailey.jennings.rvt 8/3/2023 12:29:03 PM



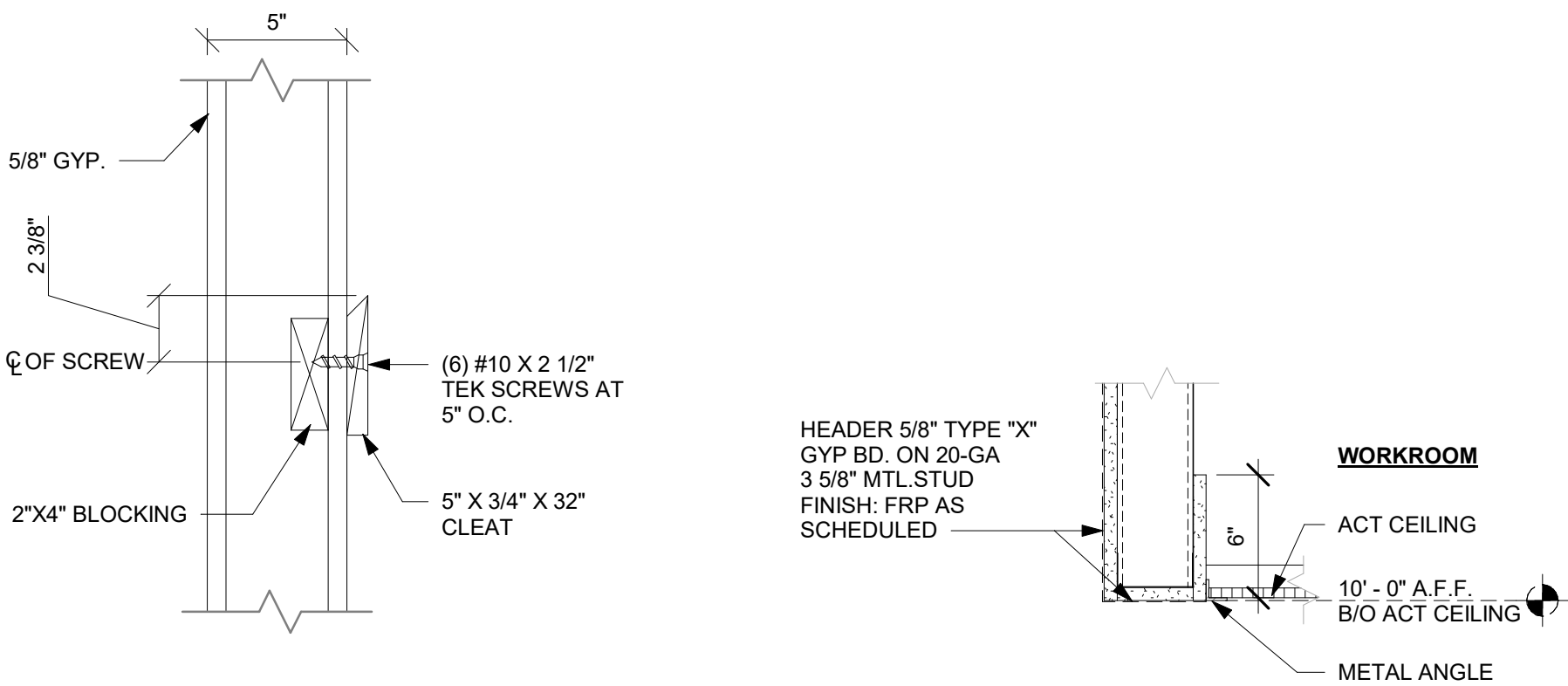
1 BLOCKING AT CASEWORK  
Scale: 1/2" = 1'-0"



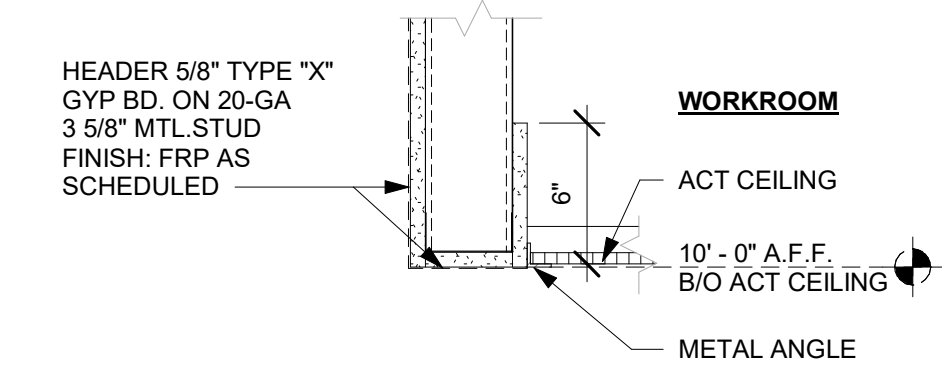
2 BLOCKING TO METAL STUD  
Scale: 1/2" = 1'-0"



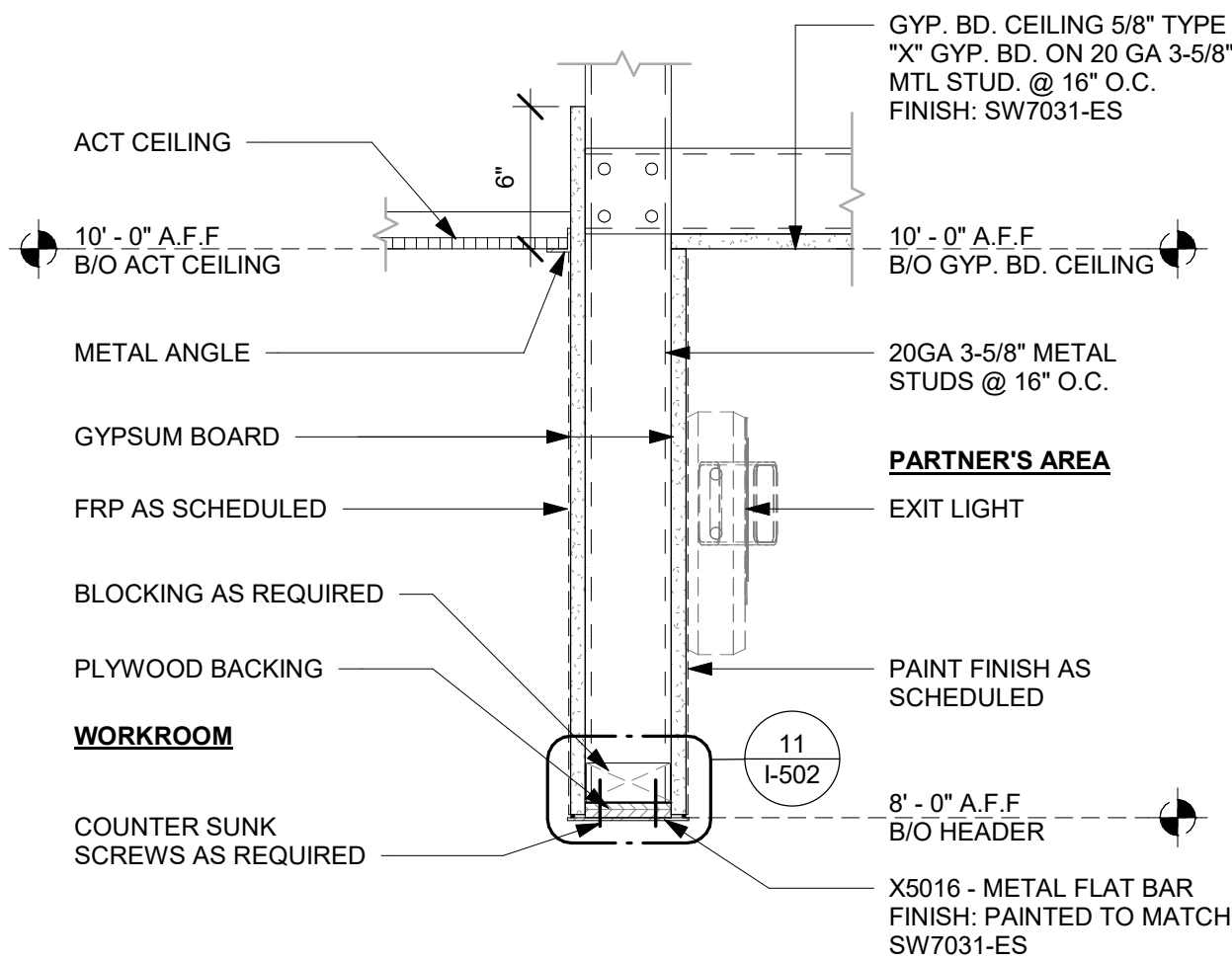
3 CLEAT TO FRAME  
Scale: 1/2" = 1'-0"



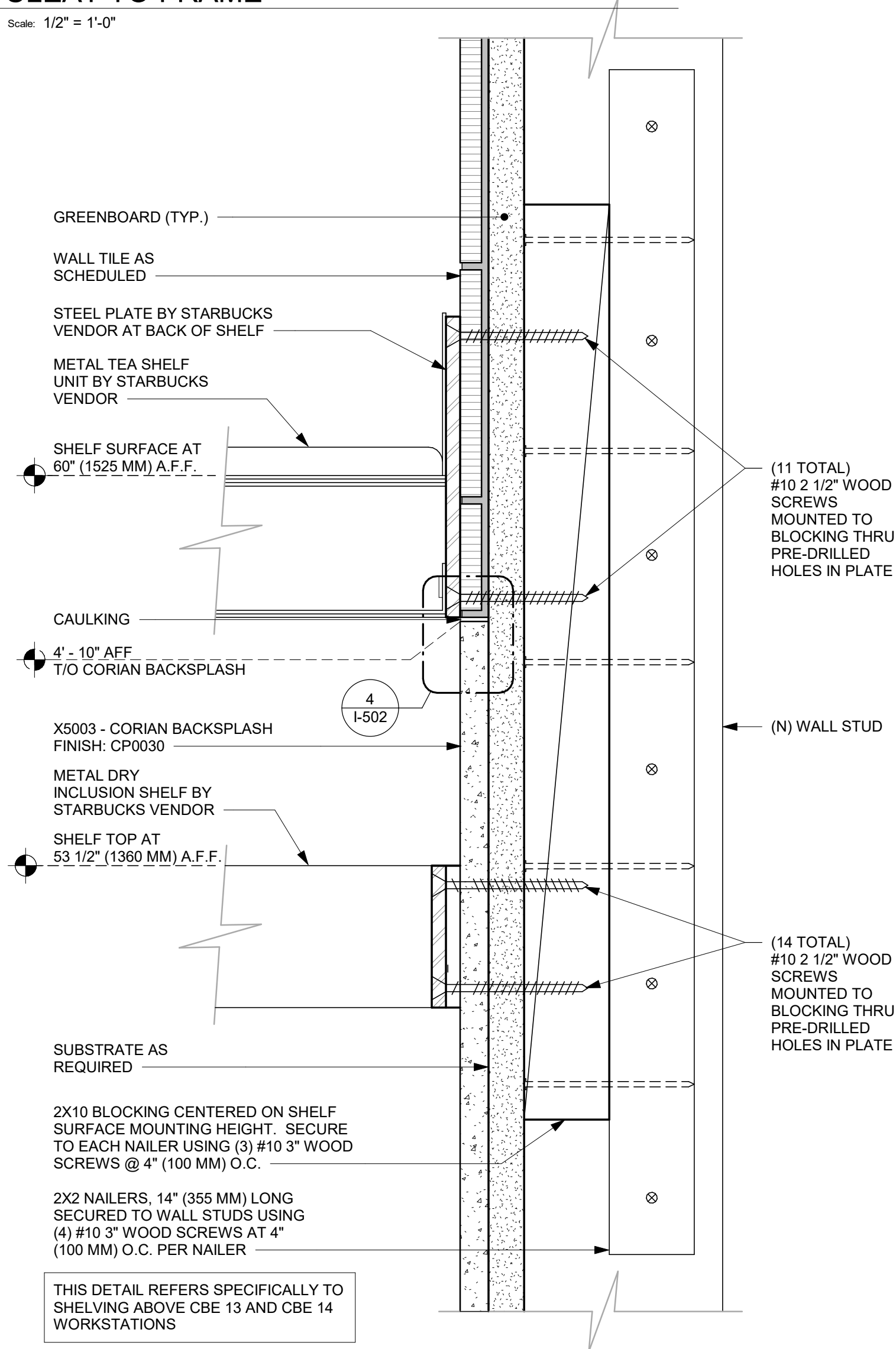
4 CLEAT TO WOOD BLOCKING  
Scale: 1/2" = 1'-0"



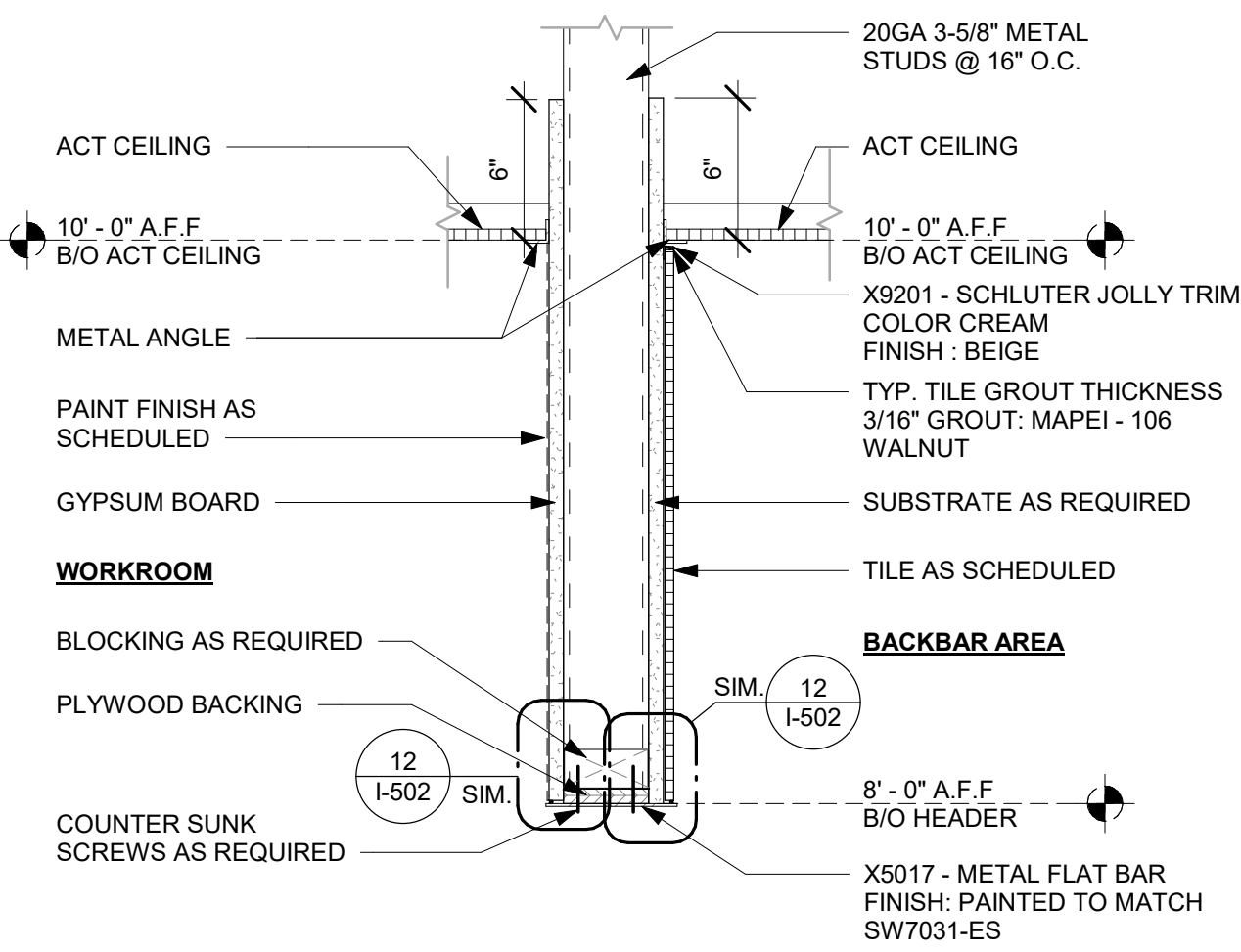
5 HEADER AT WATER FILTRATION  
Scale: 1 1/2" = 1'-0"



6 HEADER AT PARTNER AREA  
Scale: 1 1/2" = 1'-0"



9 METAL TEA AND DRY INCLUSION SHELF ATTACHMENT  
Scale: 6" = 1'-0"



7 HEADER AT ENGINE AREA  
Scale: 1 1/2" = 1'-0"



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FOR CONSTRUCTION

PROJECT NAME:  
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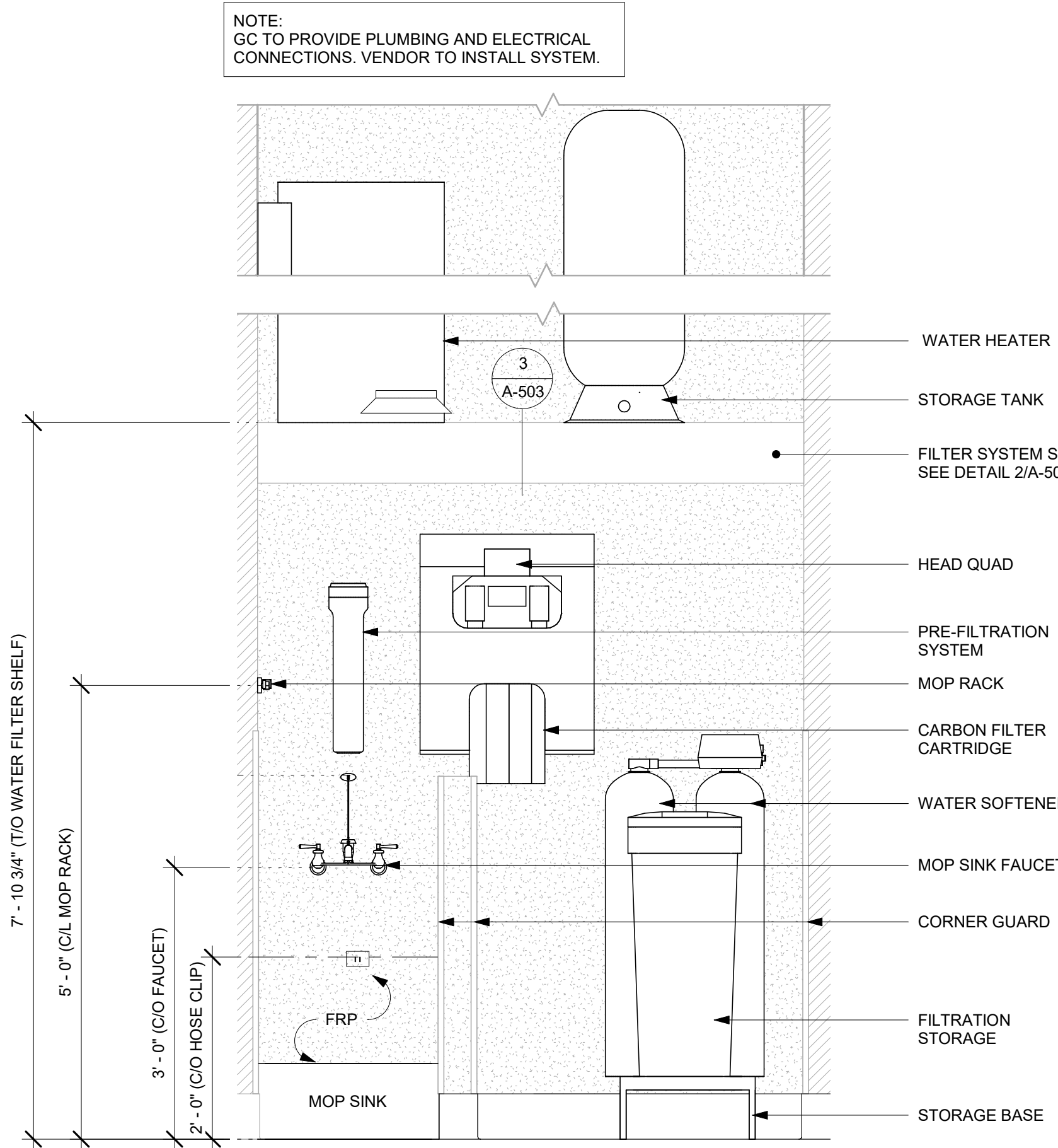
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**BUILDING DETAILS**

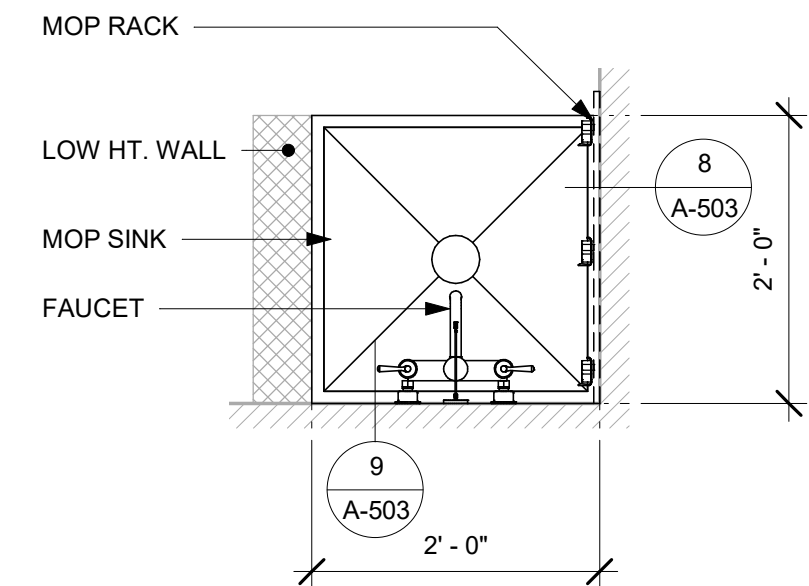
SCALE: AS SHOWN

SHEET NUMBER:  
**A-502**

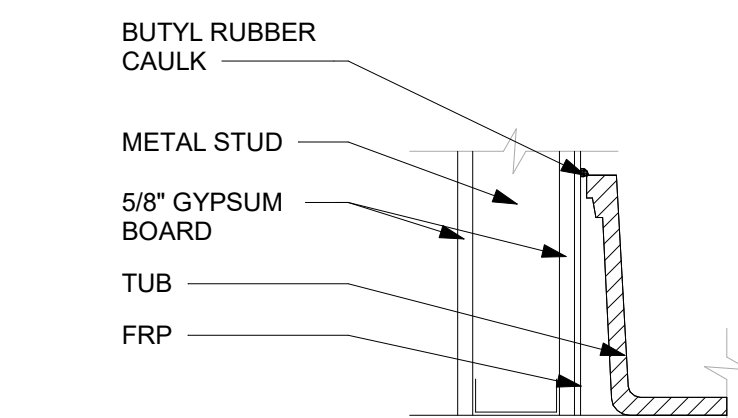




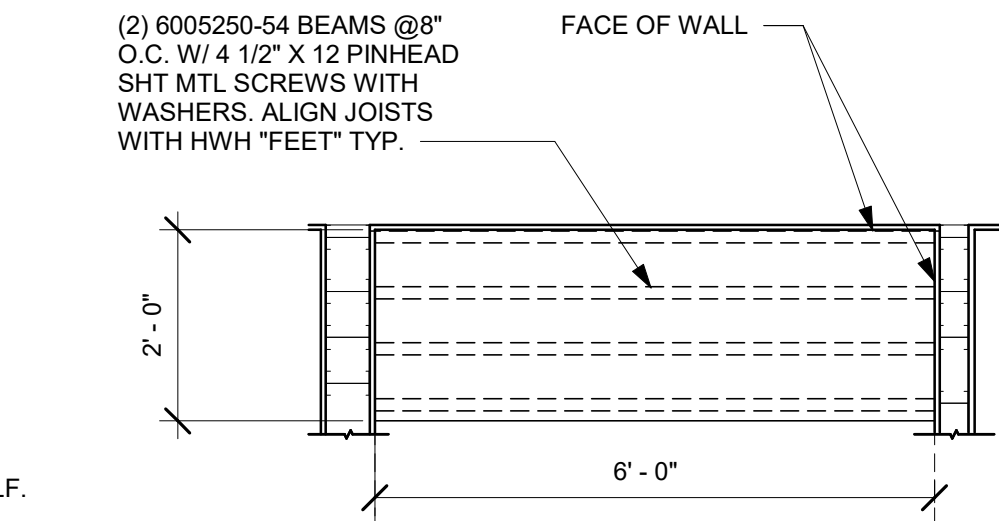
1 WATER SYSTEM - ELEVATION  
Scale: 3/4" = 1'-0"



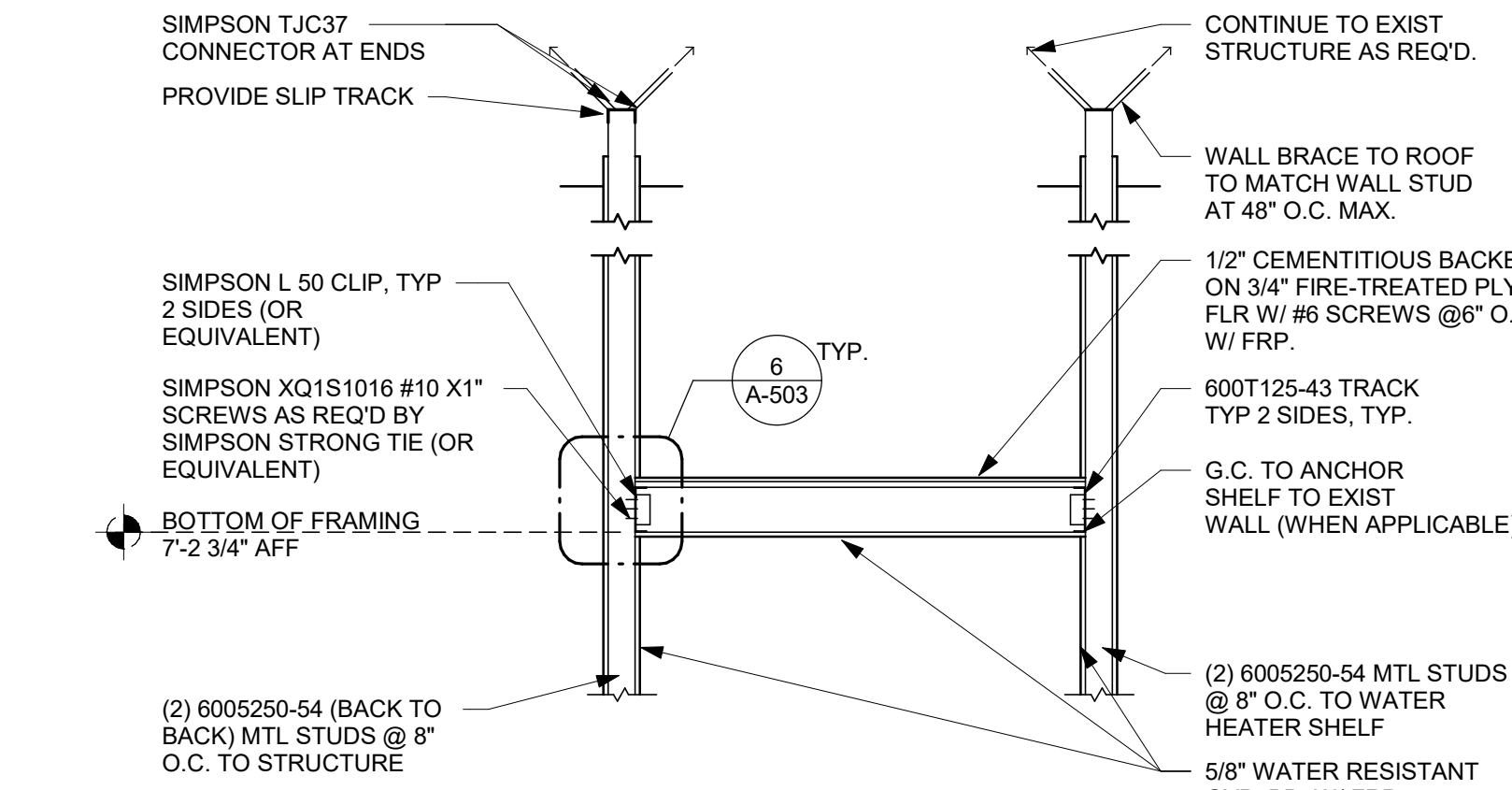
7 MOP SINK - PLAN  
Scale: 3/4" = 1'-0"



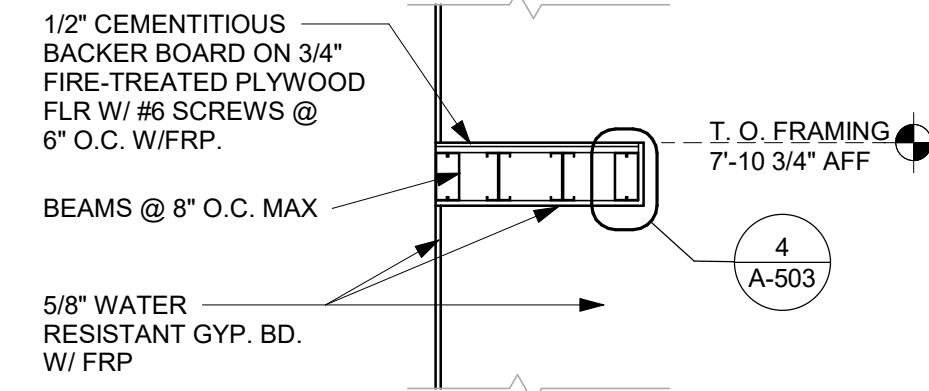
9 FRP AT MOP SINK  
Scale: 1 1/2" = 1'-0"



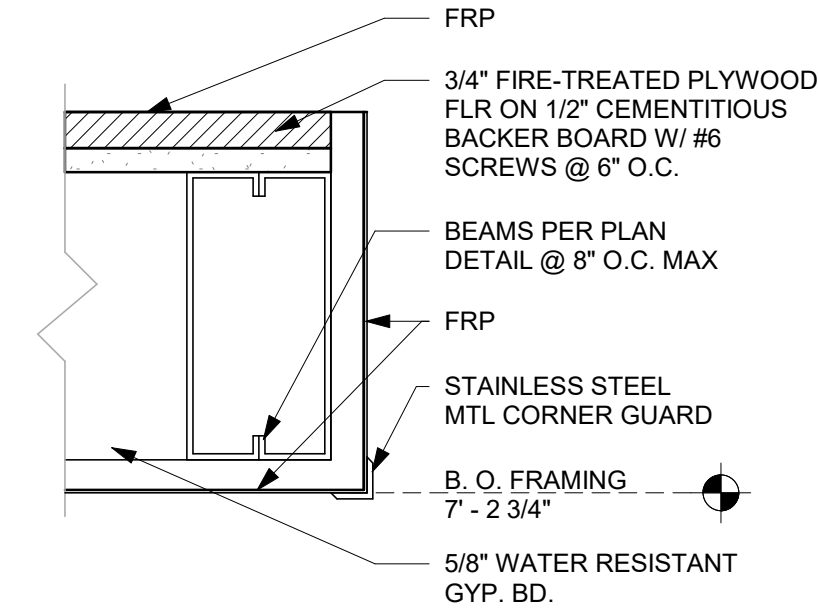
2 FILTER SYSTEM SHELF PLAN  
Scale: 1/2" = 1'-0"



5 FILTER SYSTEM SHELF ELEVATION1  
Scale: 1/2" = 1'-0"

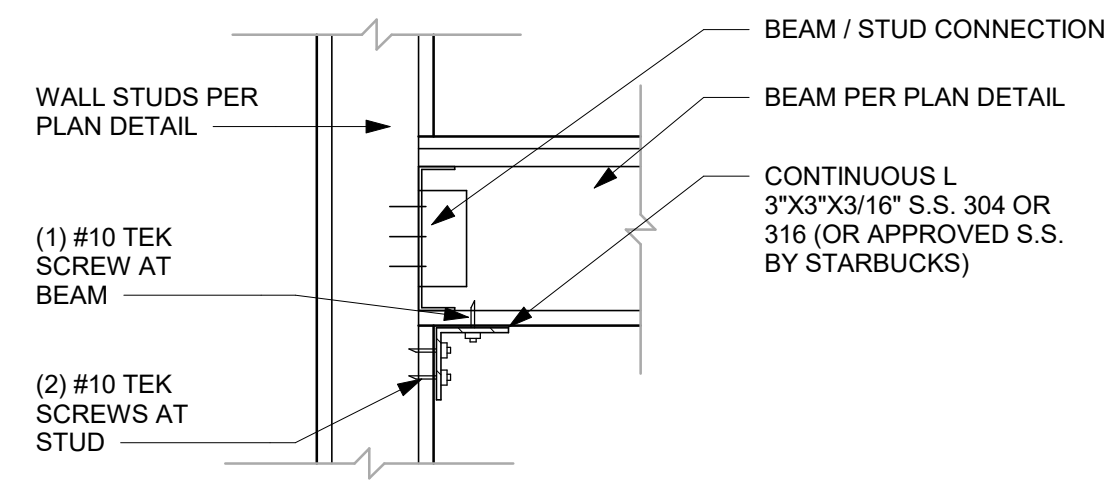


3 FILTER SYSTEM SHELF SECTION  
Scale: 1/2" = 1'-0"



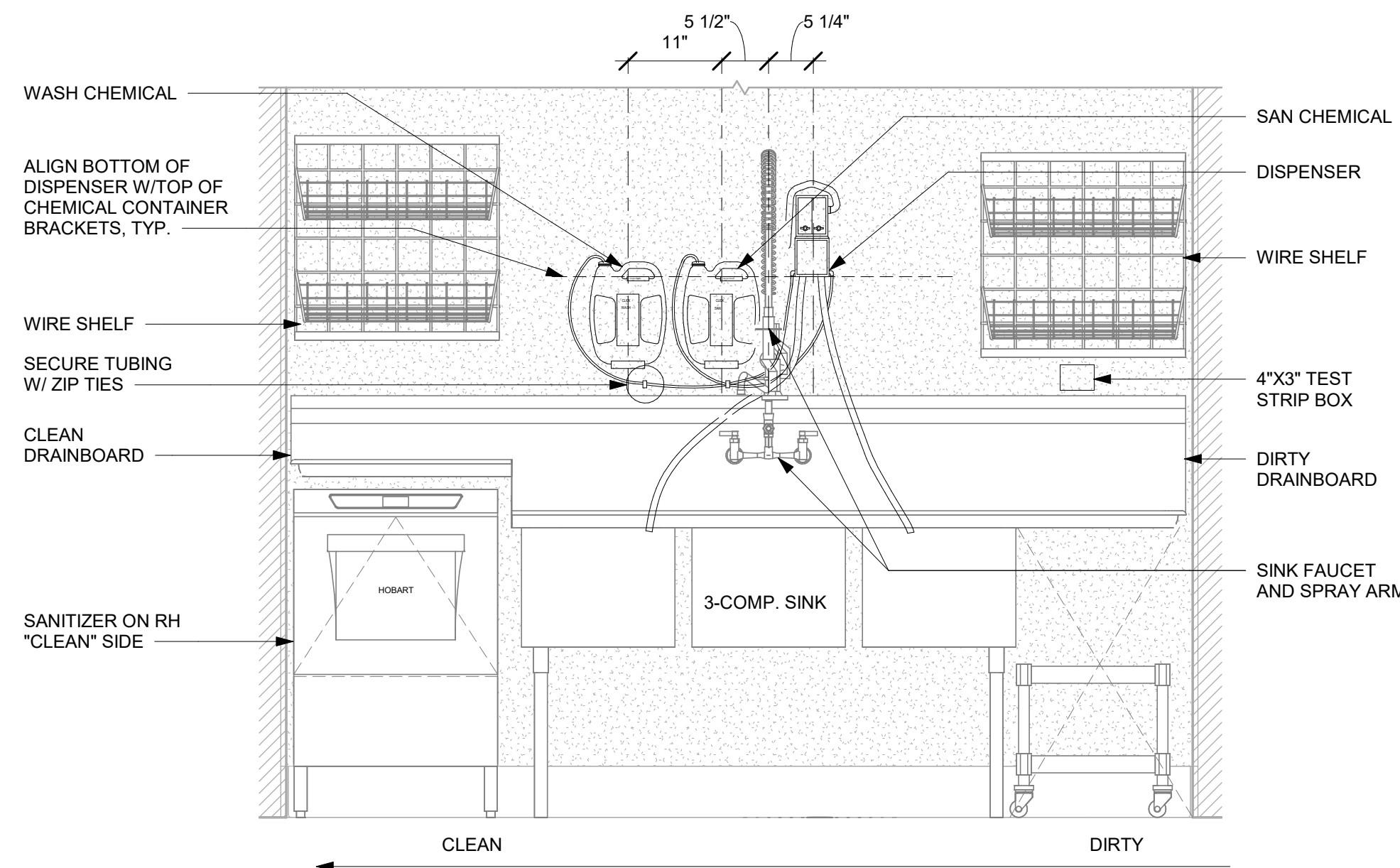
4 FILTER SYSTEM SHELF EDGE  
Scale: 3" = 1'-0"

NOTES TO CONTRACTOR:  
1. PRE DRILL HOLES THROUGH S.S. ANGLE TO PREVENT DAMAGE TO SCREWS.  
2. TEK SCREWS OR EQUIVALENT TO BE USED.  
3. ANGLE TO BE CONTINUOUS (NO SPLICES)

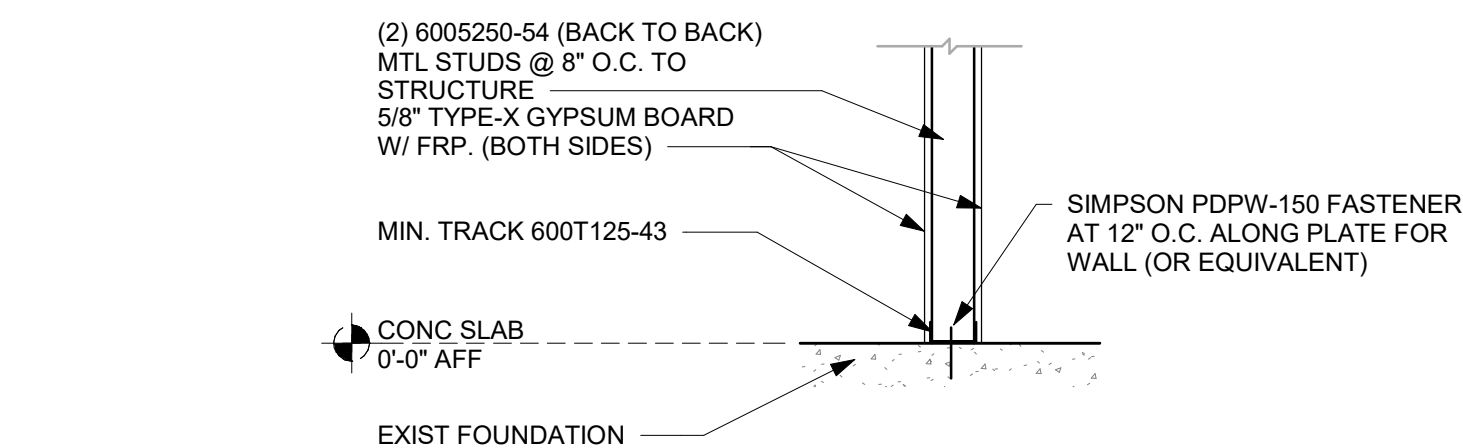


6 FILTER SYSTEM SHELF ANGLE SUPPORT DETAIL  
Scale: 1 1/2" = 1'-0"

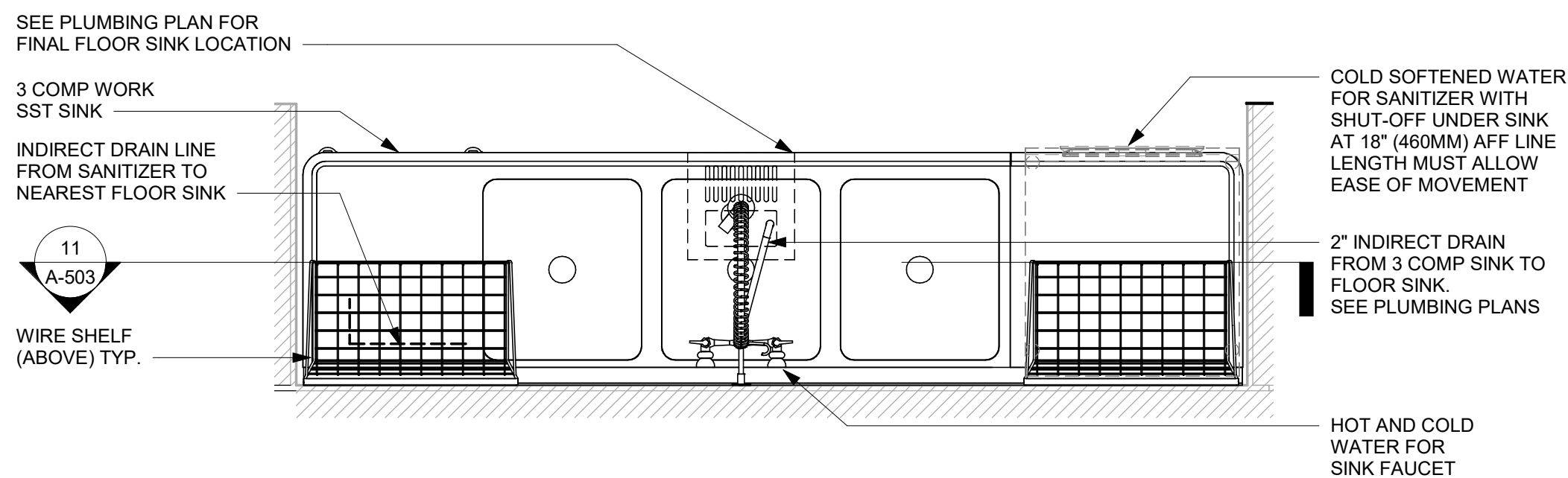
-SECURE TUBING TO WALL ABOVE SINK BACKSPLASH W/ ZIP TIES.  
-MOUNT TEST STRIP BOX TO WALL OVER THE "CLEAN" DRAINBOARD.  
-ARCHITECT TO COORDINATE WITH LICENSEE REGARDING SAN/WASH EQUIPMENT.  
-MOUNT SAN/WASH EQUIPMENT TO WALL ABOVE THE "DIRTY" SIDE OF THE SINK ONLY.



11 CLICK SAN/WASH INSTALL (SANITIZER BELOW)  
Scale: 3/4" = 1'-0"



8 FILTER SYSTEM SHELF CONNECTION AT FOUNDATION  
Scale: 3/4" = 1'-0"



10 3 - COMP PLAN - SANITIZER(UNDER)  
Scale: 3/4" = 1'-0"

FOR CONSTRUCTION



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Professional Engineer  
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PROJECT NAME:  
**US 17-92 & LAKE MARY BLVD**

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SANFORD, FL 23773**

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

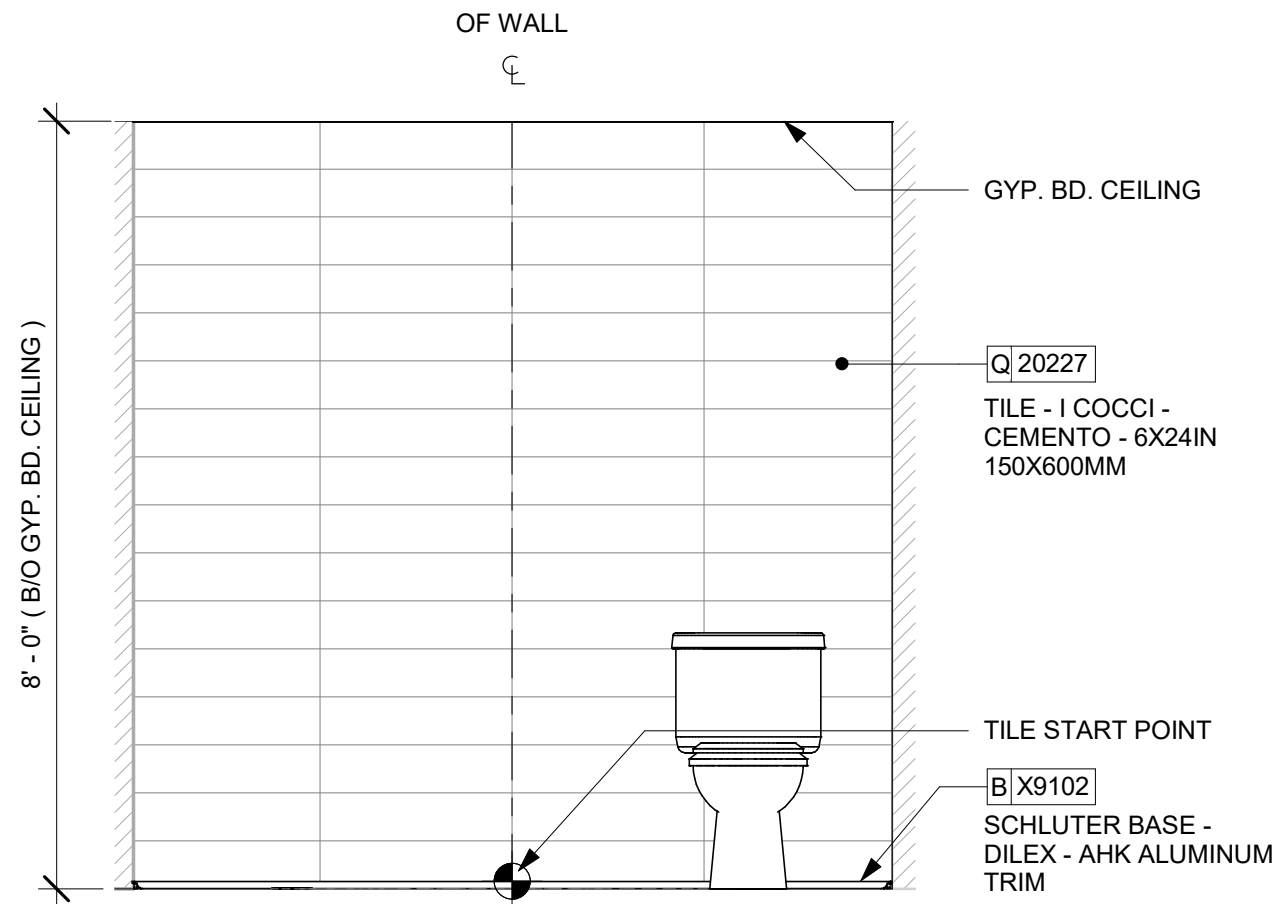
SHEET TITLE:  
**WORKROOM DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:

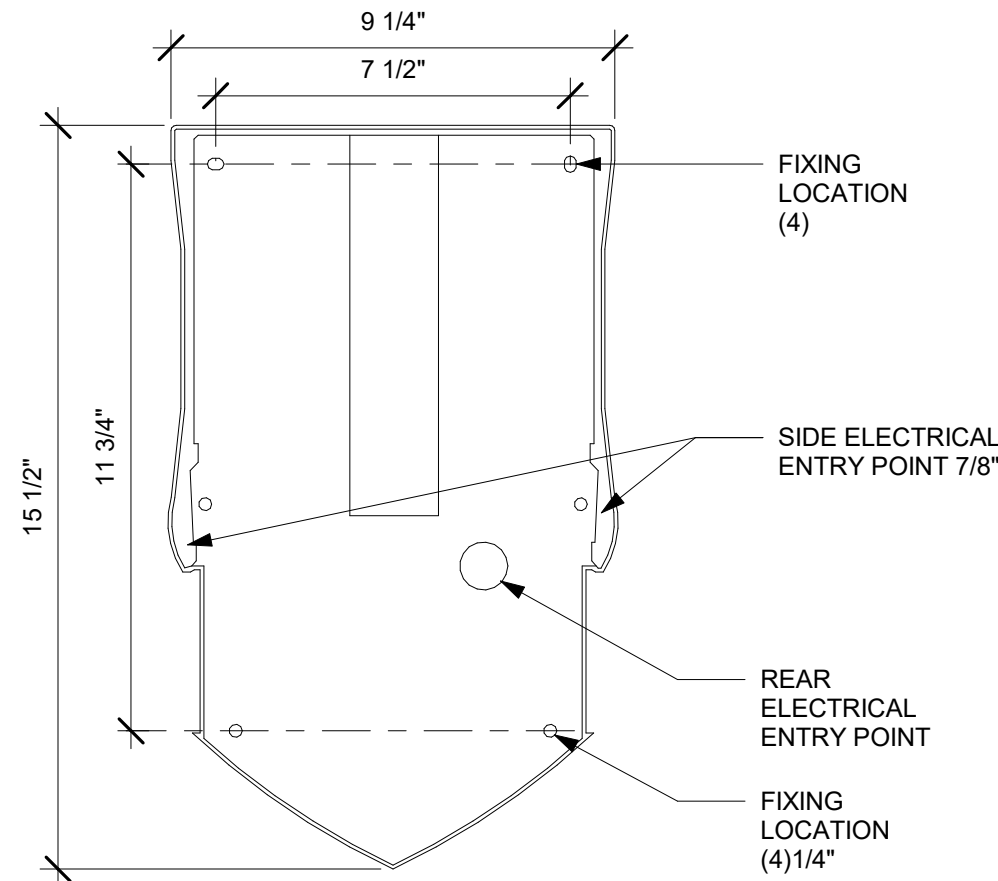
A-503





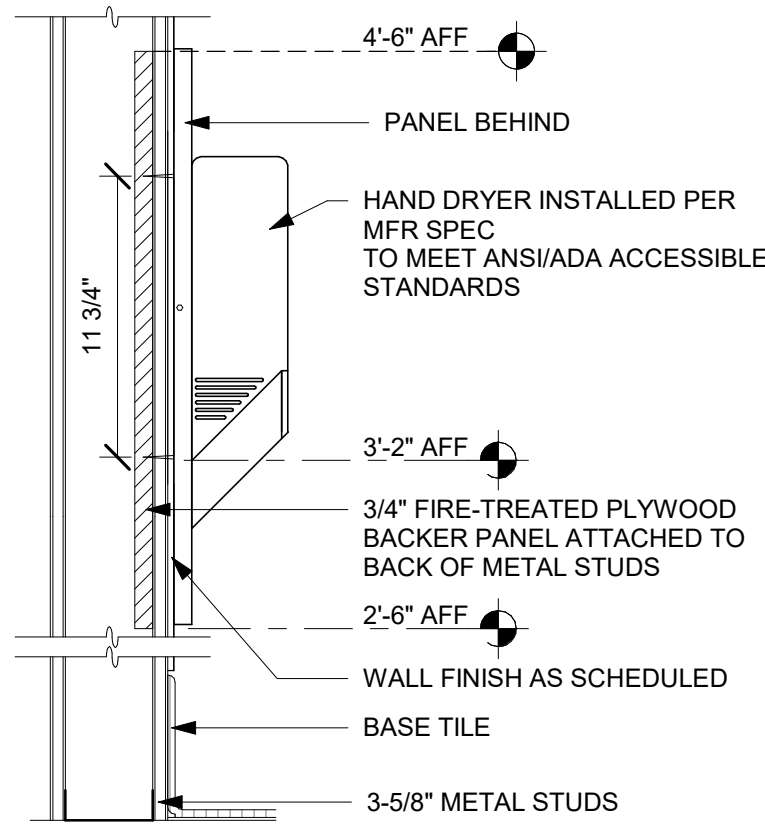
1 WALL TILE PATTERN AT RESTROOM

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



2 HAND DRYER SECTION

Scale: 3" = 1'-0"



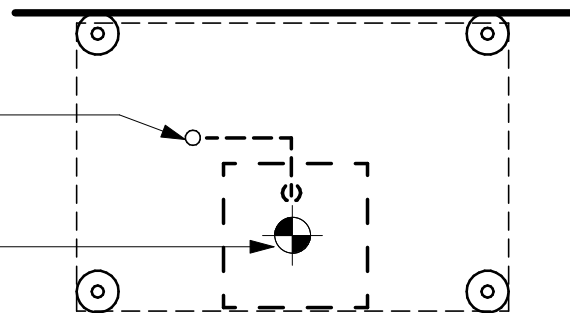
3 HAND DRYER BLOCKING

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

AT FLOOR LEVEL

INDIRECT LINE FROM PREP SINK TO FLOOR SINK

SEE PLUMBING PLAN FOR FINAL FLOOR SINK LOCATION AND TYPE

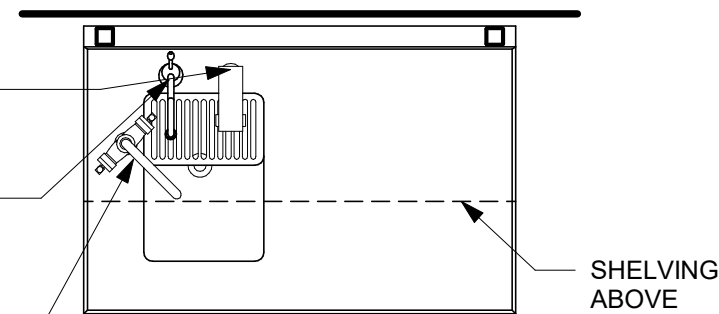


ABOVE COUNTERTOP

FILTERED COLD WATER SUPPLY FOR WATER TOWER FAUCET

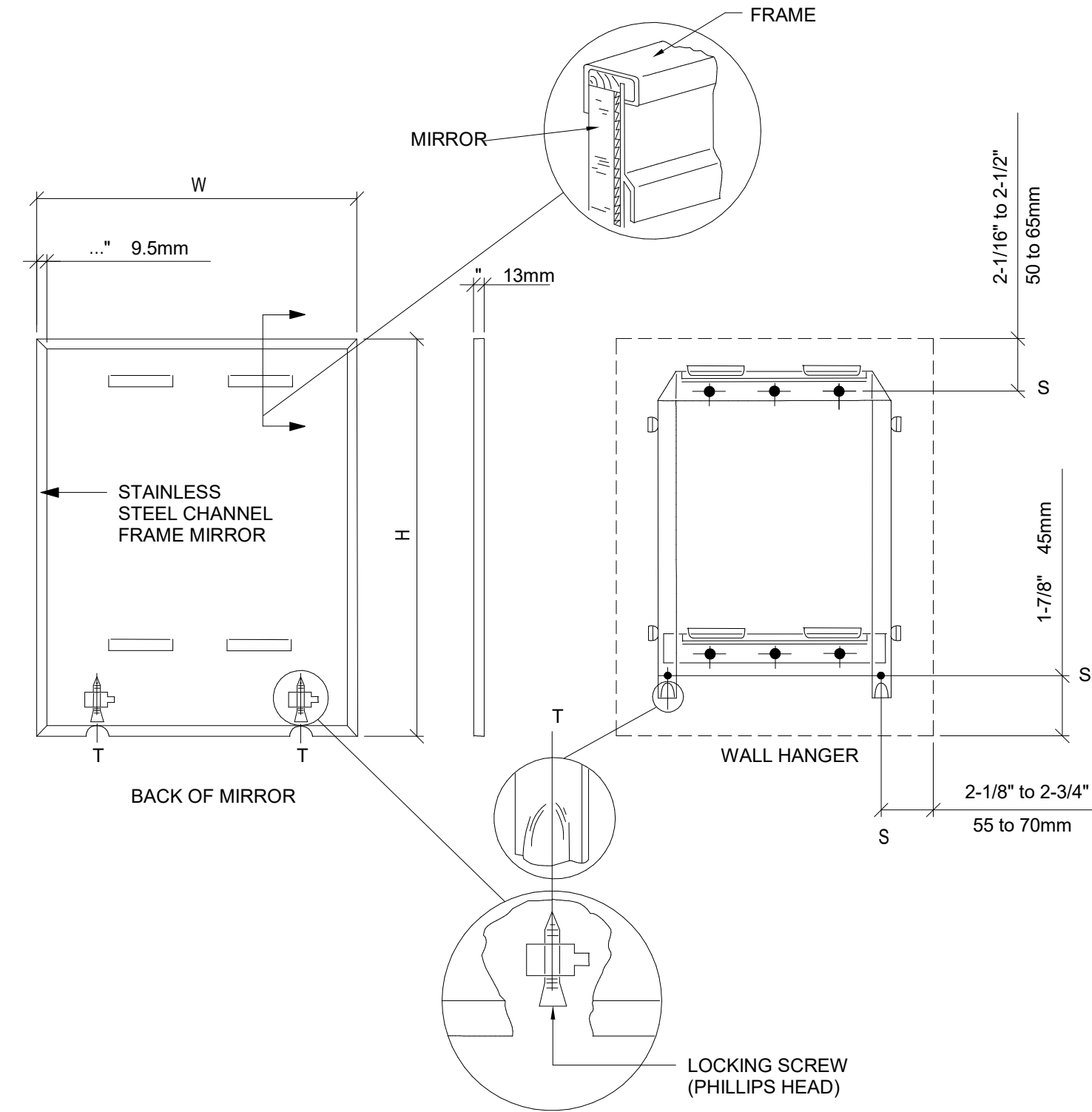
FILTERED COLD WATER SUPPLY FOR INSTANT HOT WATER TAP

NON-FILTERED HOT AND COLD WATER SUPPLY FOR SINK FAUCET



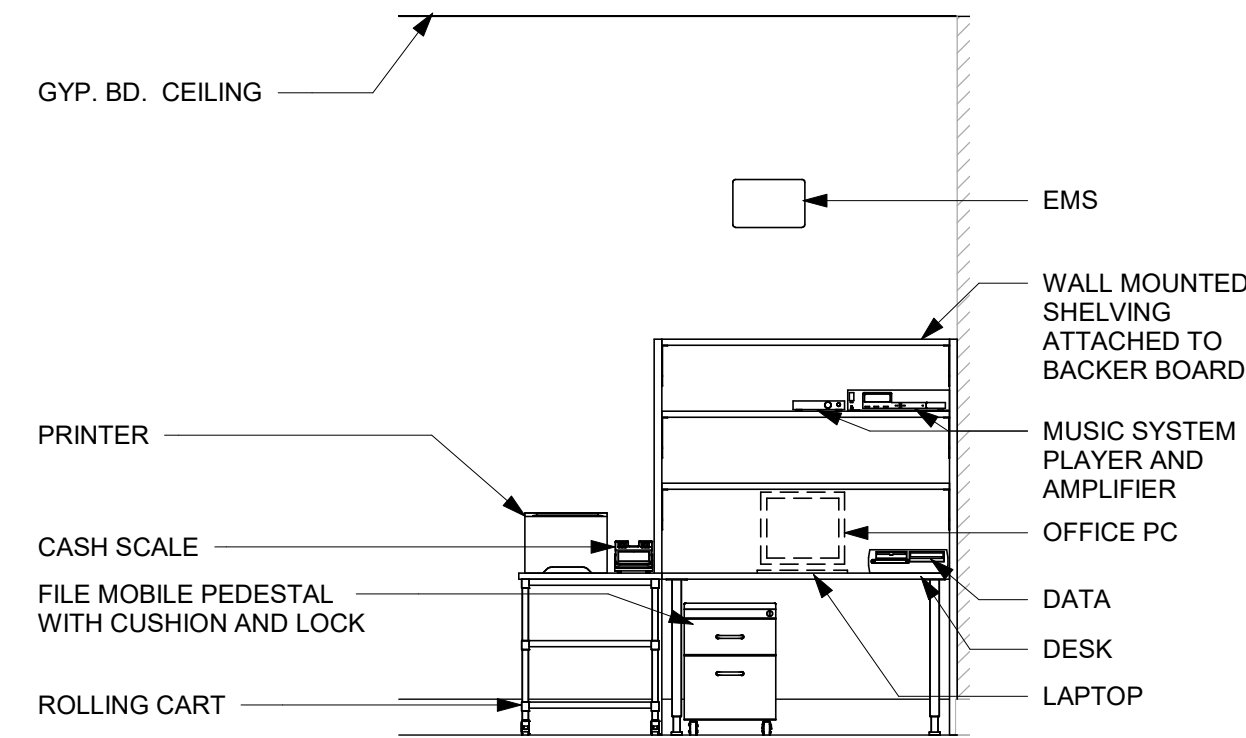
5 WATER FILLING STATION - PLUMBING

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



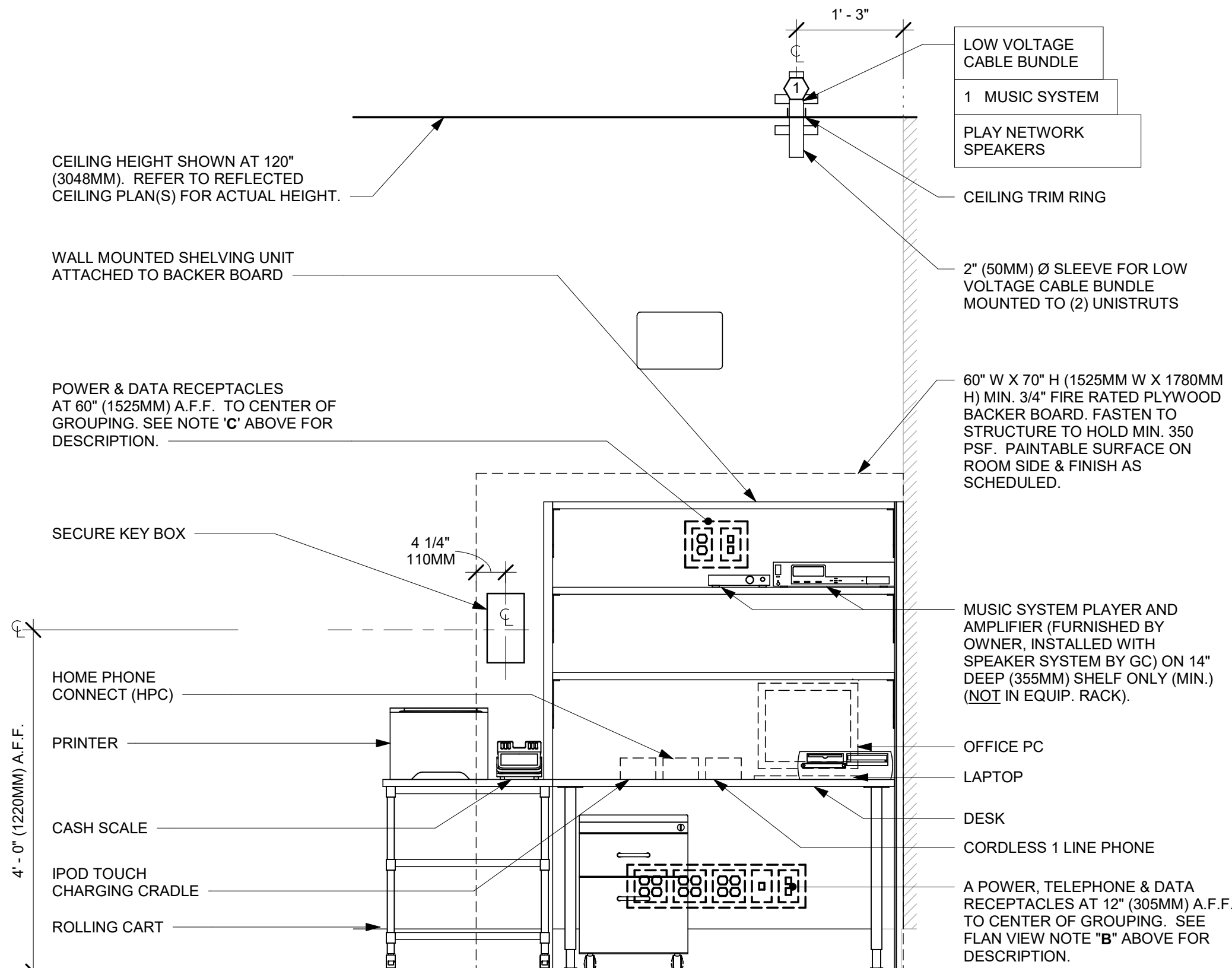
4 MIRROR MOUNTING

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



6 MANAGER'S DESK (DETAIL FOR INSTALLATION)

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



ELEVATION VIEW

NOTE: EQUIPMENT SHOWN AS DASHED LINES IS TO BE FURNISHED AND INSTALLED BY OWNER UNLESS NOTED OTHERWISE.

7 MANAGER'S WORKROOM - ELECTRICAL

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



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FOR CONSTRUCTION

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US 17-92 & LAKE MARY  
BLVD

PROJECT ADDRESS:  
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STORE #: 81065  
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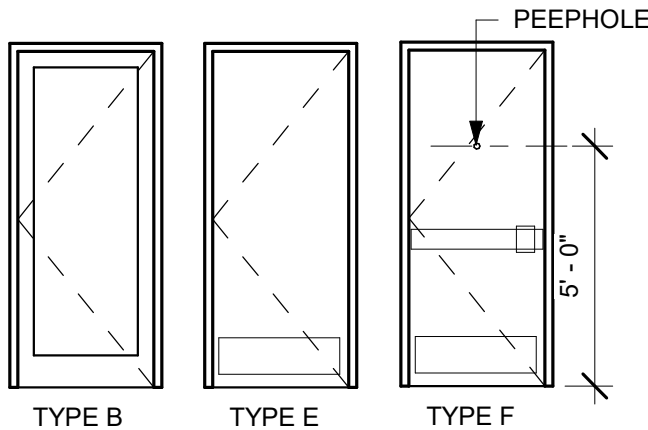
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
RESTROOM AND  
WORKROOM DETAILS  
SCALE: AS SHOWN

SHEET NUMBER:  
A-504



DOOR LEGEND



STOREFRONT DOOR (TYPE B)

DOOR HARDWARE SET NO. 2 - For new single aluminum main entry/exit door				
No.	Item	Description	Manufacturer	Finish
3	Hanging Devices	TH2314/MPB91	McKinney	630
1	Securing Devices	MS1851S Deadbolt	Adams Rite	628
1	Sign	Vinyl Sign: "THIS DOOR MUST REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED"	Seton	---
2	Securing Devices	C607 7-Pin Core Combined "A" Keyway	Falcon Lock	626
1	Securing Devices	KB609-2 Cut Control Key "A" Keyway	Falcon Lock	---
9	Securing Devices	KB632-2 Cut User Key "A" Keyway	Falcon Lock	---
2	Securing Devices	C987 7-Pin Mortise Cylinder Housing w/AR Cam 26D	Falcon Lock	626
2	Securing Devices	AO8794-003 Adjustable Ring, Mortise Cyl. 5/16-13/32	Falcon Lock	626
1	Operating Trim	108 Door Pull Handle 32D	Rockwood	630
1	Operating Trim	48 Push Bar x 31	Rockwood	630
1	Closing Devices	8916 Door Closer 8916 AF89P	Dorma	689
1	Stops and Holders	473 Door Stop w/Hook	Rockwood	626
1	Threshold	325 Half Saddle Threshold	National Guard	---

RESTROOM DOOR (TYPE E)

DOOR HARDWARE SET NO. 6 - For restroom door with lever and privacy lock				
No.	Item	Description	Manufacturer	Finish
3	Hanging Items	TA2714/MPB79 Hinge MacPro Bearing 4.5 x 4.5	McKinney	626
1	Securing Devices	PB5425LN Lock, Shallow Coin Turn, Privacy PB5425LN-693-497 1-3/4	Yale Lock	626
1	Closing Devices	8916 Door Closer 8916 AF89P	Dorma	689
2	Protective Trim Units	K1050 B4E Kickplate 8" x 34" Each Side 32D	Rockwood	630
3	Accessories	GJ64 Rubber Silencer	Glynn Johnson	Gray
1	Stops and Holders	473 Door Stop w/ Hook	Rockwood	626

SERVICE DOOR (TYPE F)

DOOR HARDWARE SET NO. 42 - For exterior 42" wide service door				
No.	Item	Description	Manufacturer	Finish
3	Hanging Devices	TH2314/MPB91 Hinge MacPro Bearing 4.5 x 4.5	McKinney	630
1	Securing Devices	C607 7-Pin Core Combined "A" Keyway	Falcon Lock	626
1	Securing Devices	I/O 2000L-03IC Auto Locking Door Alarm, IC; No CTR Includes Mortise Cylinder	Sur-Lock	---
1	Closing Devices	8916 Door Closer 8916 AF89P	Dorma	689
1	Protective Trim Units	K1050 B4E Kickplate 10" x 40"	Rockwood	630
1	Accessories	137NA Weather Strip 20' 42" x 84"	National Guard	A
1	Accessories	Door Sweep 18062CNB36	Pemko	A
1	Miscellaneous Items	DS / 1000 Door Scope	Security Products	Silver
1	Miscellaneous Items	MCV309NWHGL Door Bell	Nutone	As Selected

DOOR SCHEDULE - "D"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DOOR					
10190	1	DOOR - SINGLE FLUSH - 36IN - TYPE E	SB	GC	DOOR FINISH: WD0035 (STAIN TO MATCH); FRAME FINISH: SW6991-SG; LOCKNET; SEE HARDWARE SET #6; DOOR TYPE E
X2001	1	DOOR - STOREFRONT METAL FRAME SINGLE - TYPE B	EXIST	EXIST	DOOR: LOCKNET; DOOR FINISH: DID19458 DUSTED CRYSTAL; FRAME FINISH: BLACK ANODIZED ALUMINIUM; SEE HARDWARE SET # 2
X2002	1	DOOR - SINGLE FLUSH - SERVICE DOOR - 42IN - TYPE F	EXIST	EXIST	DOOR FINISH: SW7033-ES, FRAME FINISH: SW7033-SG; LOCKNET; SEE HARDWARE SET #42, DOOR TYPE F;

STOREFRONT SCHEDULE - "W"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
WINDOW					
10118	2	WINDOW - DT HURRICANE RATED - 48X44IN 1205X1105MM - ALUMINUM	EXIST	EXIST	LL TO SPECIFY IMPACT GLASS OR NON-IMPACT GLASS AS REQUIRED. CONTACT DAN RADEK AT dan@ready-access.com 1-800-621-5045

RESPONSIBILITY LEGEND


FURN. BY	INST. BY
SB - FURNISHED BY STARBUCKS	GC - INSTALLED BY GENERAL CONTRACTOR
GC - FURNISHED BY GENERAL CONTRACTOR	SB - INSTALLED BY STARBUCKS
VD - FURNISHED BY VENDOR	VD - INSTALLED BY VENDOR

**NOTE:** ALL RESPONSIBILITIES TO BE CONFIRMED WITH STARBUCKS CONSTRUCTION MANAGER PRIOR TO ORDERING / CONSTRUCTION.

GENERAL NOTES

- A. STARBUCKS VENDOR TO PROVIDE DOOR HARDWARE COMPONENTS. GC TO INSTALL.
- B. SEE SHEET A101 FOR TAGGED LOCATION OF EXTERIOR DOORS AND WINDOWS.
- C. EGRESS SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, CLOSETS OR SIMILAR SPACES. (1014.2)
- D. PANIC AND FIRE EXIT HARDWARE, WHERE INSTALLED ON DOORS IN THIS BUILDING SHALL SATISFY THE FOLLOWING (1008.1.10):
- a) THE ACTUATION PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.
- b) THE MAXIMUM UNLATCHING FORCE DOES NOT EXCEED 15 POUNDS (6.8 KG).
- c) PIVOTED OR BALANCED DOORS SHALL BE OF THE PUSH-PAD TYPE WHERE PANIC HARDWARE IS REQUIRED AND THE PAD SHALL NOT EXTEND ACROSS MORE THAN ONE-HALF OF THE DOOR WIDTH, MEASURED FROM THE LATCH SIDE.
- d) PANIC HARDWARE LISTED IN ACCORDANCE WITH UL 305.
- e) FIRE EXIT HARDWARE LISTED IN ACCORDANCE WITH UL 10C AND UL 305.

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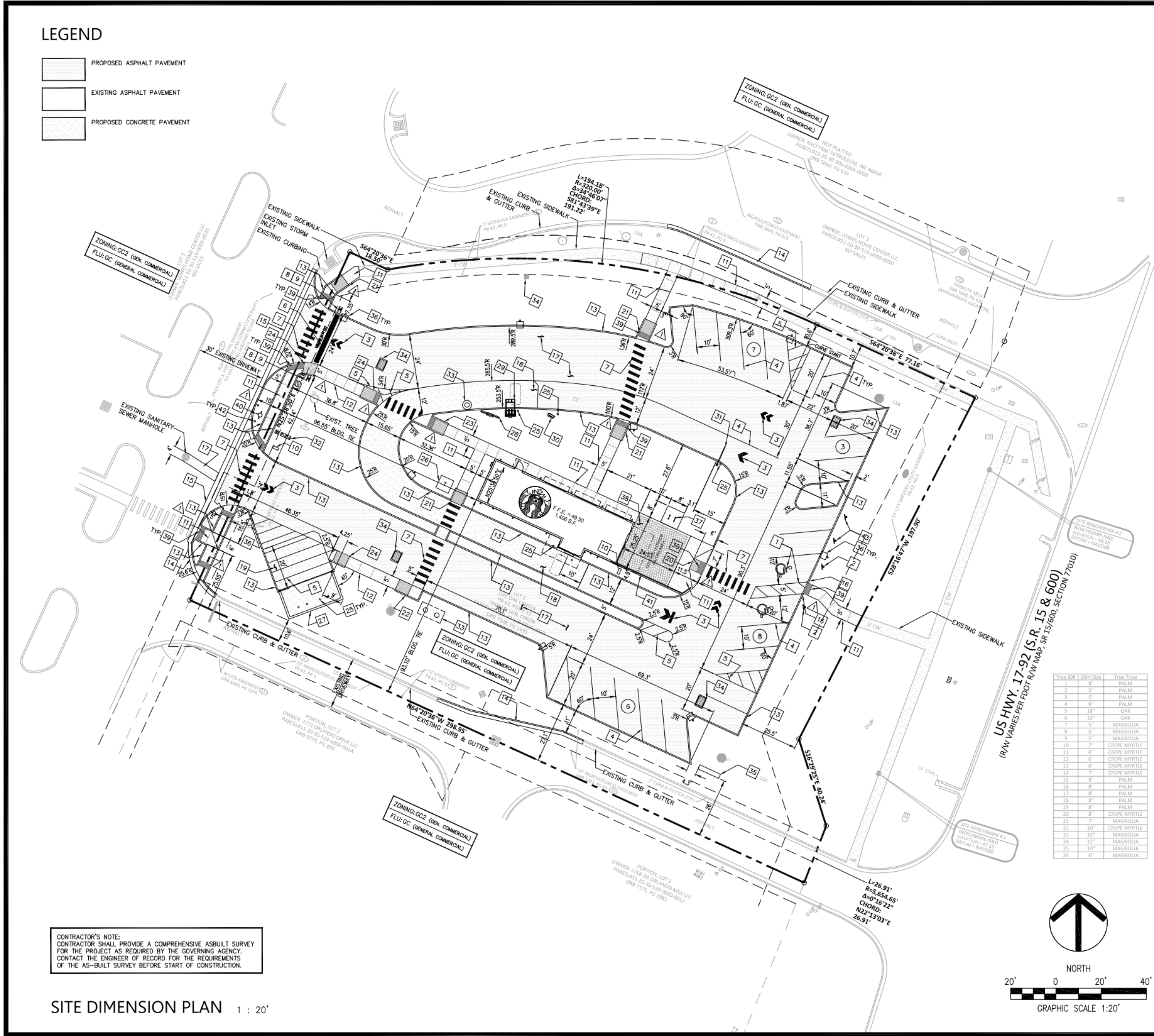
STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**WINDOW AND DOOR SCHEDULES**  
SCALE: NO SCALE

SHEET NUMBER:  
**A-601**





1 LL SITE PLAN



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**DESIGNER:** PAULINA LOPEZ  
**PRODUCTION DESIGNER:** ANDY MCLOUD  
**CHECKED BY:** DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

**SHEET TITLE:**  
LL SITE PLAN

**SCALE:** 1" = 20'-0"

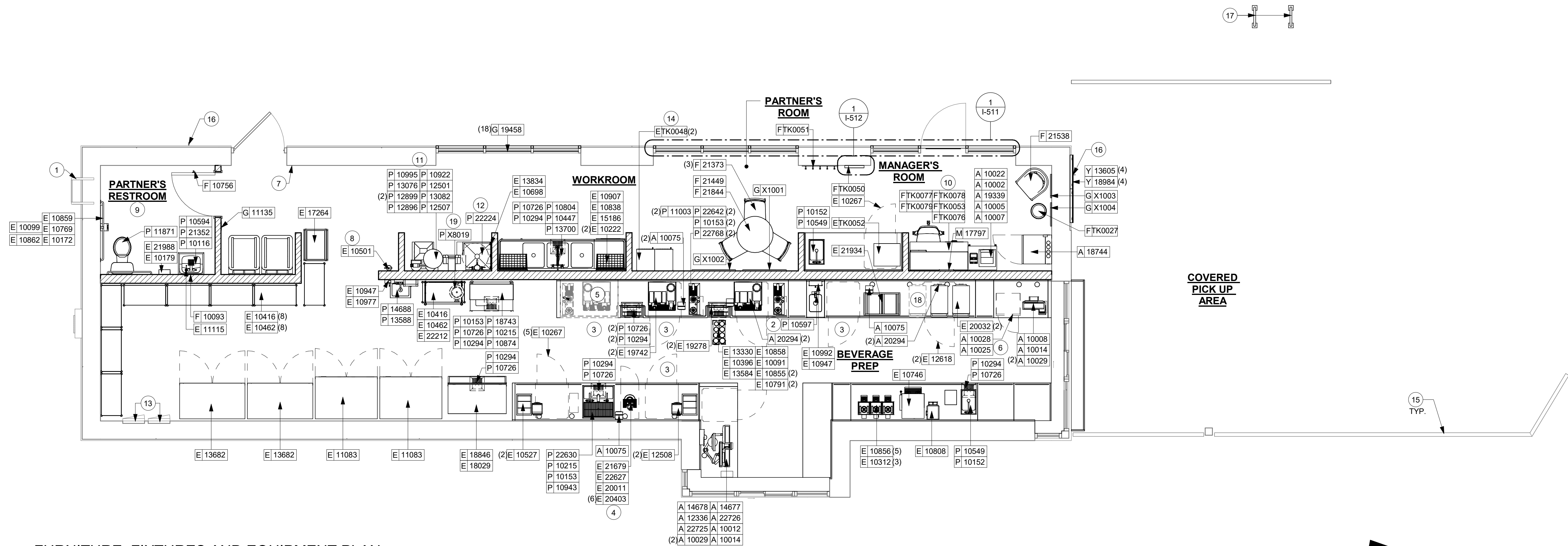
**SHEET NUMBER:**  
SP001



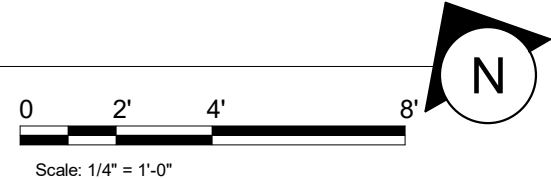
1. EXISTING ROOF ACCESS LADDER.
2. HAND SINK W/ INTEGRAL SPLASH GUARD.
3. G.C. TO REVERSE HINGE ON U.C. REFRIGERATOR TO LEFT HAND SWING AS SHOWN.
4. INSTALL NITRO EQUIPMENT AS INDICATED.
5. LOCATION OF FUTURE 3RD BAR.
6. SAFE LOCATED AT POS CABINET.
7. LOCATION OF ALL SWITCHING.
8. PLACE FIRE EXTINGUISHER IN WORKROOM PER FIRE INSPECTOR.
9. REFER TO ENLARGED RESTROOM PLANS AND ELEVATIONS (SHEET 1-401) FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
10. MANAGER'S DESK. SEE MANAGER'S DESK / EQUIPMENT RACK ELECTRICAL DETAIL FOR ADDITIONAL INFORMATION.
11. VENDOR TO INSTALL WATER FILTRATION SYSTEM PER MANUFACTURER'S REQUIREMENTS. G.C. TO PROVIDE PLUMBING AND ELECTRICAL REQUIREMENTS.
12. WATER HEATER LOCATION. SEE PLUMBING DRAWINGS.
13. RECESSED ELECTRICAL PANELS. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A-102 AND ELECTRICAL FOR ADDITIONAL INFORMATION.
14. SECURE LOCKERS TO WALL PER MFGS. RECOMMENDATIONS.
15. EXISTING PATIO RAILING.
16. EXISTING HOSE BIB.
17. INSTALL NEW BIKE RACK.
18. LOCATION OF FUTURE 3RD WARMING OVEN.
19. HOT WATER RECIRC PUMP LOCATION. SEE PLUMBING DRAWINGS.

- 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 FLOOR AND WALL JOINTS IN STORAGE AND PREP AREAS SHALL HAVE A 6" COVED BASE.
- D. ALL FOOD STORAGE SHALL BE 6" (150mm) A.F.F.
- E. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETS) SHALL BE SEALED.
- F. FLOORS, WALLS AND CEILING FINISHES IN FOOD PREP AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASY TO CLEAN. PAINT SHALL BE WASHABLE AND SEMI-GLOSS OR HIGH-GLOSS FINISH.
- G. ALL EQUIPMENT AND INSTALLATION WILL MEET NATIONAL SANITATION FOUNDATION STANDARDS OR EQUIVALENT.
- H. ALL EQUIPMENT AND CABINETRY WILL BE FLUSH MOUNTED TO COUNTS, WALLS OR FLOORS, OR BE RAISED TO ALLOW FOR CLEANING.
- I. CONFIRM ALL NECESSARY CLEARANCES PER PRODUCT CUT SHEET REQUIREMENTS FOR ALL EQUIPMENT (E.G. ICE MACHINE).
- J. EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS OR OVERHANGING EDGES THAT SERVE AS PLACES FOR ACCUMULATION OF DUST, DIRT AND DEBRIS.
- K. WARMING OVEN(S) SHOWN FOR PERMITTING PURPOSES. INSTALLATION AT STORE OPENING TO BE VERIFIED BY STARBUCKS CONSTRUCTION REPRESENTATIVE.
- L. 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.
- M. FOR PLUMBING FIXTURES, REFER TO THE PLUMBING DESIGN PLAN. FOR DATA DEVICE SCHEDULE, REFER TO THE ELECTRICAL DESIGN PLAN.
- N. SEE ELEVATIONS FOR DISTRIBUTION OF CUP DISPENSERS

**NOTE :**  
REFER SHEET I-101.1 FOR DATA DEVICE, FURNITURE,  
GRAPHICS, PLUMBING FIXTURE, SPECIALITY EQUIPMENT,  
MECHANICAL EQUIPMENT AND SITE SCHEDULE.



**1 FURNITURE, FIXTURES AND EQUIPMENT PLAN**  
Scale: 1/4" = 1'-0"



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STARBUCKS TEMPLATE VERSION: i2021-09-13

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# FOR CONSTRUCTION

PROJECT NAME:  
US 17-92 & LAKE MARY  
BLVD

PROJECT ADDRESS:  
3764 ORLANDO DRIVE  
SANFORD, FL 23773

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**FF & E PLAN**

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

SHEET NUMBER:

I-101



DATA DEVICE SCHEDULE - "A"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
AUDIO VISUAL					
10005	1	MUSIC SYSTEM	SB	VD	
10012	1	DT COMMUNICATION SYSTEM	SB	VD	
10013	3	DT QUEUE CAMERA	SB	VD	
10015	3	SPEAKER RECESSED - WHITE	SB	GC	
10017	2	SPEAKER SURFACE MOUNTED	SB	GC	BLACK EXTERIOR
12336	1	DT TIMER SYSTEM	SB	VD	
19339	1	AMPLIFIER - 40W	SB	VD	
22549	3	SPEAKER GRILLE RECESSED - BLACK	SB	GC	
22725	1	DT DIGITAL PRODUCTION MONITOR	SB	VD	PART OF RETAIL IT EQUIPMENT PACKAGE
22726	1	DT POS MONITOR ARM TRIPLE SURFACE MOUNTED	SB	VD	PART OF RETAIL IT EQUIPMENT PACKAGE
DATA					
10002	1	COMPUTER MANAGER WORKSTATION	SB	VD	
10007	1	PRINTER MANAGER WORKSTATION	SB	VD	
18744	1	EQUIPMENT RACK WITH LOCK - 24IN 610MM	SB	GC	
20294	4	IOT MODULE	SB	GC	
POINT OF SALE					
10008	1	POS - REGISTER WITH COMPACT CASH DRAWER	SB	VD	
10014	2	POS PRINTER	SB	VD	
10022	1	MONEY COUNTER	SB	VD	
10029	4	POS BANK	SB	GC	
10075	4	CUP LABELER	SB	VD	
14677	1	POS - DT TENDERING REGISTER	SB	VD	PART OF RETAIL IT EQUIPMENT PACKAGE
14678	1	POS - DT EXPEDITOR	SB	VD	PART OF RETAIL IT EQUIPMENT PACKAGE
SECURITY					
10025	1	SAFE RH - 20X18X26IN 510X455X660MM	SB	GC	
10028	1	SAFE BASE	SB	GC	

FURNITURE SCHEDULE - "F"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CHAIR					
21373	3	CHAIR - CAFE PEGGY UPHOLSTERED - WALNUT AND CAMEL BROWN NATURAL WD0077 F0008	SB	GC	
21538	1	CHAIR - CAFE DAPHNE UPHOLSTERED - BLACK AND CAMEL BROWN NATURAL WD0035 F0008	SB	GC	
TK0077	1	CHAIR - MANAGERS WORKSTATION	SB	GC	STEELCASE SERIES ONE ARMLESS
DESK					
TK0053	1	DESK - MANAGERS WORKSTATION SHELVES 48IN 1220MM	SB	GC	
TK0076	1	DESK - MANAGERS WORKSTATION - 46X24X27IN 1220X610X685MM	SB	GC	
MIRROR					
10093	1	MIRROR - RESTROOM - 18X30IN 455X760MM	SB	GC	
TK0050	1	MIRROR - BOH - 16X51IN 405X1295MM	SB	GC	SEE DETAIL: 1/I-512
OTHER					
10756	1	COAT HOOK 1 PRONG SQUARE - 2IN 50MM - SST	SB	GC	
TK0051	1	COAT HOOK STRIP - 30IN 760MM	SB	GC	BLACK FINISH
STORAGE					
TK0078	1	FILE MOBILE PEDESTAL WITH CUSHION AND LOCK	SB	GC	
TK0079	1	MANAGERS DESK CART - 24X20IN 610X510MM	SB	GC	
TABLE					
21449	1	TABLE - BASE CAFE HEIGHT BOTTLE - FLAT BLACK MT0028	SB	GC	
21844	1	TABLE - TOP ROUND EDGE ROUND - 30IN 760MM - WALNUT WD0077	SB	GC	
TK0027	1	TABLE - OCCASIONAL SIDE COCO	SB	GC	CONTACT: TRADE@BLUDOT.COM
WINDOW TREATMENT					
22486	9	ROLLER SHADE - DARK BROWN - 5PC OPEN	SB	VD	LENGTH TO ALIGN WITH BOTTOM MULLION; LENGTH REQUIRED: (9) 3' - 1 1/4" LENGTH

GRAPHICS AND ARTWORK SCHEDULE - "G"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
GRAPHIC - FILM					
19458	18	INTERIOR WINDOW FILM FASARA - DUSTED CRYSTAL	SB	GC	SIZE REQUIRED: (V.I.F.): (8) 3' - 1 1/4" W X 6' - 10" H (9) 3' - 1 1/4" W X 2' - 8" H (1) 2' - 4 3/4" W X 5' - 9 1/2" H
GRAPHICS - ARTWORK					
X1001	1	SBXART_22711 - WRAPPED CANVAS IN FLOAT FRAME; ART SIZE: 35" W X 35" H; REVEAL .25" - PRINT TO EDGES - PRINT EDGES BLACK - OVERALL SIZE: 36" W X 36" H - CANVAS 1; FRAME: 3A - FRAME 623674 EBONIZED WALNUT	SB	GC	SEE ELEVATION: 1/I-203
X1002	1	SBXART_22679 - WRAPPED CANVAS IN FLOAT FRAME; ART SIZE: 35" W X 35" H; REVEAL .25" - PRINT TO EDGES - PRINT EDGES BLACK - OVERALL SIZE: 36" W X 36" H - CANVAS 1; FRAME: 3A - FRAME 623674 EBONIZED WALNUT	SB	GC	SEE ELEVATION: 1/I-203
X1003	1	SBXART_16969 - FRAMED AND MATTED; ART SIZE: 12" W X 12" H; MAT BORDER 3IN. OVERALL SIZE: 19 1/2" W X 19 1/2" H; PAPER 1 - MAT 1 - FRAME 1A (EBONIZED WALNUT)	SB	GC	SEE ELEVATION: 6/I-202
X1004	1	SBXART_22483 - FRAMED AND MATTED; ART SIZE: 12" W X 12" H; MAT BORDER 3IN. OVERALL SIZE: 19 1/2" W X 19 1/2" H; PAPER 1 - MAT 1 - FRAME 1A (EBONIZED WALNUT)	SB	GC	SEE ELEVATION: 6/I-202
GRAPHICS - OTHER					
11135	1	RESTROOM SIGN UNISEX ACCESSIBLE	SB	GC	

MECHANICAL EQUIPMENT SCHEDULE - "M"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
OTHER					
17797	1	ENERGY MANAGEMENT SYSTEM - HVAC ONLY	SB	GC	

SPECIALTY EQUIPMENT SCHEDULE - "E"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COOLING					
10267	6	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	SB	GC	
11083	2	FRIDGE REACH IN 2 DOOR - 51X35IN 1295X690MM	SB	GC	
12618	2	FRIDGE UNDERCOUNTER 1 DOOR WITH SHELF - 27IN 685MM	SB	GC	
13682	2	FREEZER REACH IN 2 DOOR - 54IN 1370MM	SB	GC	
20011	1	FRIDGE NITRO 2 TAP JT NITCOM RH	SB	GC	KIT INCLUDES UNDERCOUNTER FRIDGE, FONT, TRAY, AND TUBING
EQUIPMENT					
10312	3	BREWER SOFT HEAT WARMING STAND SINGLE	SB	GC	
10746	1	BREWER DUAL SOFT HEAT	SB	GC	
10808	1	GRINDER DITTING KR1203	SB	GC	
10856	5	BREWER SERVER SOFT HEAT	SB	GC	
10907	1	DISHWASHER LEGS AND SKIRT	SB	GC	
12508	2	BLENDER QUIET MODEL ON COUNTER	SB	GC	
15186	1	DISHWASHER LXER ADVANSYS	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	
TK0052	1	OVEN SAMSUNG MICROWAVE MS14K6000AS - STAINLESS STEEL	SB	GC	
ICE					
10527	2	ICE - BIN DROP IN 45LB 20KG	SB	GC	
18029	1	ICE - BIN B110	SB	GC	BPF-1 ADAPTER KIT (011076103) REQUIRED WHEN PAIRING WITH 30" (760MM) ICE MACHINES
18846	1	ICE - MACHINE CIM1446HR SERIES REMOTE COOLED	SB	GC	
19278	2	ICE - BIN DROP IN 45LB 20KG HORIZONTAL	SB	GC	
OTHER					
10091	1	CUP DISPENSER TALL HOT VERTICAL	SB	GC	
10099	1	RESTROOM TOILET PAPER HOLDER	SB	GC	
10172	1	RESTROOM SEAT COVER DISPENSER	SB	GC	
10179	1	HAND DRYER SURFACE MOUNTED	SB	GC	
10396	1	CUP DISPENSER SHORT HOT VERTICAL	SB	GC	
10501	1	FIRE EXTINGUISHER	GC	GC	SPEC: MANUFACTURER: PRODUCT PRO 460; PART #21005785; MULTIPURPOSE DRY-CHEMICAL TYPE UL RATED 4-A, 60-B-C, 10LB; METAL STRAP BRACKET PART # 366242
10769	1	RESTROOM GRAB BAR VERTICAL - 18IN 455MM	SB	GC	
10791	2	CUP DISPENSER GRANDE VENTI COLD VERTICAL	SB	GC	
10855	2	CUP DISPENSER GRANDE VENTI HOT VERTICAL	SB	GC	
10858	1	CUP DISPENSER TALL COLD VERTICAL	SB	GC	
10859	1	RESTROOM GRAB BAR - 48IN 1220MM	SB	GC	
10862	1	RESTROOM GRAB BAR - 36IN 915MM	SB	GC	
10947	2	SOAP DISPENSER WALL MOUNTED	SB	GC	
10977	1	PAPER TOWEL DISPENSER FULL SIZE	SB	GC	
10992	1	PAPER TOWEL DISPENSER HALF SIZE - TRANSLUCENT GRAY	SB	GC	
11115	1	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	1	HAND DRYER BACK PANEL	SB	GC	
22627	1	NITRO 2 TAP HANDLE WITH BADGE AND MOUNT KIT	SB	GC	JOE TAP, FOR USE AT BACKBAR NITRO FONT
STORAGE					
10222	2	WIRE SHELF GRID AT SINK	SB	GC	
10416	9	WORKROOM SHELVING - 36IN 915MM	SB	GC	
10462	9	WORKROOM SHELVING POSTS	SB	GC	
10698	1	MOP RACK WITH 3 HOLDERS	SB	GC	
10838	1	ROLLING WIRE CART FOR 3 COMP SINK	SB	GC	
13834	1	BASE - 24X18IN 610X455MM	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	
TK0048	2	5 COMP LOCKER - 15IN 380MM	SB	GC	

SITE SCHEDULE - "Y"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
EXTERIOR MENU					
13605	4	MENU BOARD - WALK UP - 28X21IN 710X535MM	SB	VD	
18984	4	MENU BOARD - UNIVERSAL WALL MOUNT BRACKET	SB	GC	
22540	1	MENU BOARD - DT 5 PANEL SQUARE FRAME FREESTANDING - 95X62IN 2415X1575MM - BLACK	SB	VD	SEE DETAIL: 1/APX-103
22542	1	MENU BOARD - DT PRE MENU SQUARE FRAME FREESTANDING - 29X61IN 735X1550MM - BLACK	SB	VD	SEE DETAIL: 3/APX-103
22546	1	MENU BOARD - DT DIGITAL ORDER SCREEN WITH POST - BLACK	SB	VD	SEE DETAIL: 1/APX-103.2
OTHER					
10042	2	BIKE RACK HOOP	EXIST	EXIST	SEE DETAIL: 10 & 11/APX-104
10163	1	DT WINDOW SHELF - 56IN OBSIDIAN PAPERSTONE	EXIST	EXIST	SEE DETAIL: 4/APX-103.1
14095	1	DT WAYFINDING GRAPHIC EXIT ARROW - WHITE	EXIST	EXIST	SEE DETAIL: 9/APX-104
14101	1	DT WAYFINDING GRAPHIC ENTRY ARROW - GREEN	EXIST	EXIST	SEE DETAIL: 8/APX-104
14323	2	DT WAYFINDING GRAPHIC DIRECTIONAL DOUBLE ARROW - GREEN	EXIST	EXIST	REFERENCE PAINT P936 FOR SPECIFICATIONS; SEE DETAIL: 6/APX-104
14324	2	DT WAYFINDING GRAPHIC DIRECTIONAL DOUBLE ARROW - WHITE	EXIST	EXIST	REFERENCE PAINT P935 FOR SPECIFICATIONS; SEE DETAIL: 6/APX-104
22543	1	DT ORDER POINT CANOPY SQUARE FRAME - BLACK	SB	VD	SEE DETAIL: 2/APX-103.2
X4001	4	CIRCULAR BOLLARD - 6" DIA	EXIST	EXIST	SEE DETAIL: 1/APX-104
X4002	1	PATIO RAILING	EXIST	EXIST	SEE DETAIL: 4/APX-105
X4003	1	LOUVERS AT STOREFRONT - LINEAR SUNSHADES #543 MEDIUM BRONZE	SB	VD	SEE DETAIL: 1/I-511; VD: SUN CONTROL SOLUTIONS; WWW.C-SGROUP.COM
X4004	2	LOUVERS AT STOREFRONT - LINEAR SUNSHADES #543 MEDIUM BRONZE	SB	VD	SEE DETAIL: 1/I-511; VD: SUN CONTROL SOLUTIONS; WWW.C-SGROUP.COM


RESPONSIBILITY LEGEND

FURN. BY	INST. BY
SB - FURNISHED BY STARBUCKS	GC - INSTALLED BY GENERAL CONTRACTOR
GC - FURNISHED BY GENERAL CONTRACTOR	SB - INSTALLED BY STARBUCKS
VD - FURNISHED BY VENDOR	VD - INSTALLED BY VENDOR

**NOTE:** ALL RESPONSIBILITIES TO BE CONFIRMED WITH STARBUCKS CONSTRUCTION MANAGER PRIOR TO ORDERING / CONSTRUCTION.

PLUMBING FIXTURE SCHEDULE - "P"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DRAIN					
10294	7	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	
10594	1	DRAIN - FLOOR SINK SQUARE - 5IN 125MM	GC	GC	ZURN ZN415B
10726	7	DRAIN - GRATE HALF SQUARE - 12IN 305MM	SB	GC	
EQUIPMENT					
X8019	1	HOT WATER RECIRCULATION PUMP	SB	GC	BELL & GOSSETT MODEL NBF-36 PUMP WITH BELL & GOSSETT AQS-3/4 AQUASTAT, AND BELL & GOSSETT TC-1 AUTOMATIC TIMER
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	1	FAUCET - SINGLE HANDLE	SB	GC	
10804	1	FAUCET - PRE RINSE SWING SPOUT	SB	GC	
10874	1	FAUCET - INSTAHOT SYSTEM SINGLE LEVER	SB	GC	
10922	1	FAUCET - MOP SINK WALL MOUNTED	SB	GC	
10943	1	FAUCET - SINGLE LABORATORY WITH SWING SPOUT	SB	GC	
11003	2	FAUCET - METERED	SB	GC	
13588	1	FAUCET - HAND SINK WALL MOUNTED	SB	GC	
21352	1	FAUCET - RESTROOM WITH MOTION SENSOR	SB	GC	
22642	2	FAUCET - INSTANTHOT SYSTEM 2 BUTTON WITH BOILER AND BRACKET	SB	GC	KIT INCLUDES FONT, UNDERCOUNTER BOILER AND BOILER BRACKET FOR SIDE PANEL MOUNTING. BRACKET CAN BE FLOOR MOUNTED USING SET OF (4) STAINLESS STEEL LEGS, ORDERED SEPARATELY THROUGH VENDOR.
FILTER					
12501	1	FILTER - RO SYSTEM 600GPD	SB	VD	
12507	1	FILTER - RO SYSTEM STORAGE TANK RO40	SB	VD	
12896	1	FILTER - BRINE TANK	SB	VD	
12899	2	FILTER - POLY GLASS VESSEL	SB	VD	
13076	1	FILTER - PREFILTRATION SYSTEM	SB	VD	
13082	1	FILTER - WATER SOFTENER TWIN	SB	VD	
OTHER					
22224	1	WATER HEATER TANK ELECTRIC - 13.5W	SB	GC	13.5KW 208/3 BRADFORD WHITE E32-50S-3 30GAL ELECTRIC
SINK					
10116	1	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	
13700	1	SINK - 3 COMP WORK SST - 105IN 2665MM	SB	GC	
14688	1	SINK - HAND WITH SIDE SPLASH WALL MOUNTED SST	SB	GC	
18743	1	SINK - WATER FILLING STATION - 36X24IN 915X610MM	SB	GC	
22630	1	SINK - RINSE DROP IN - 27X26IN 685X670MM	SB	GC	
22768	2	SINK - COUNTERTOP RINSER WITH WATER TOWER - 26X9IN 660X235MM	SB	GC	
TOILET					
11871	1	TOILET - WITH TANK SINGLE FLUSH	GC	GC	WC TO BE PURCHASED THROUGH FERGUSON; NA.PROJECTS@FERGUSON.COM

FOR CONSTRUCTION



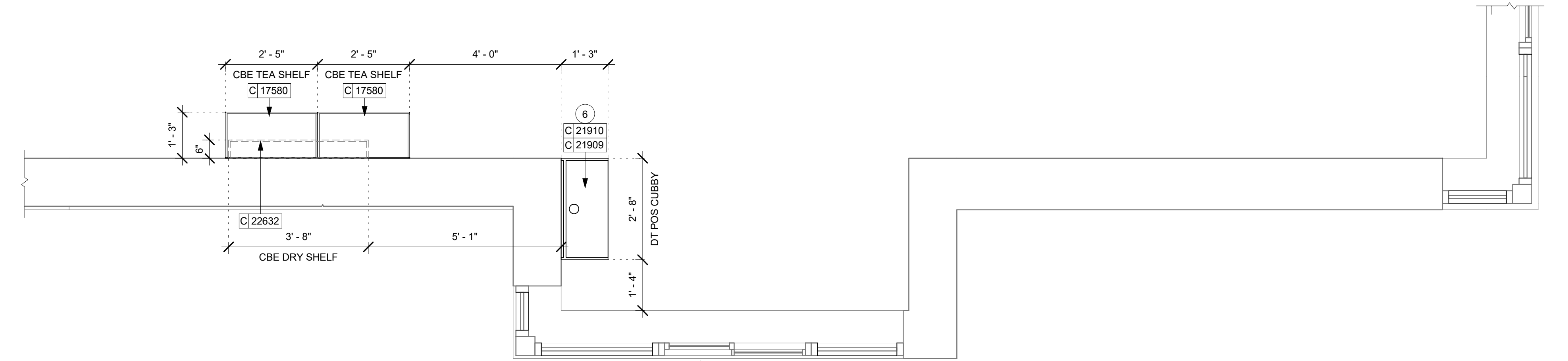
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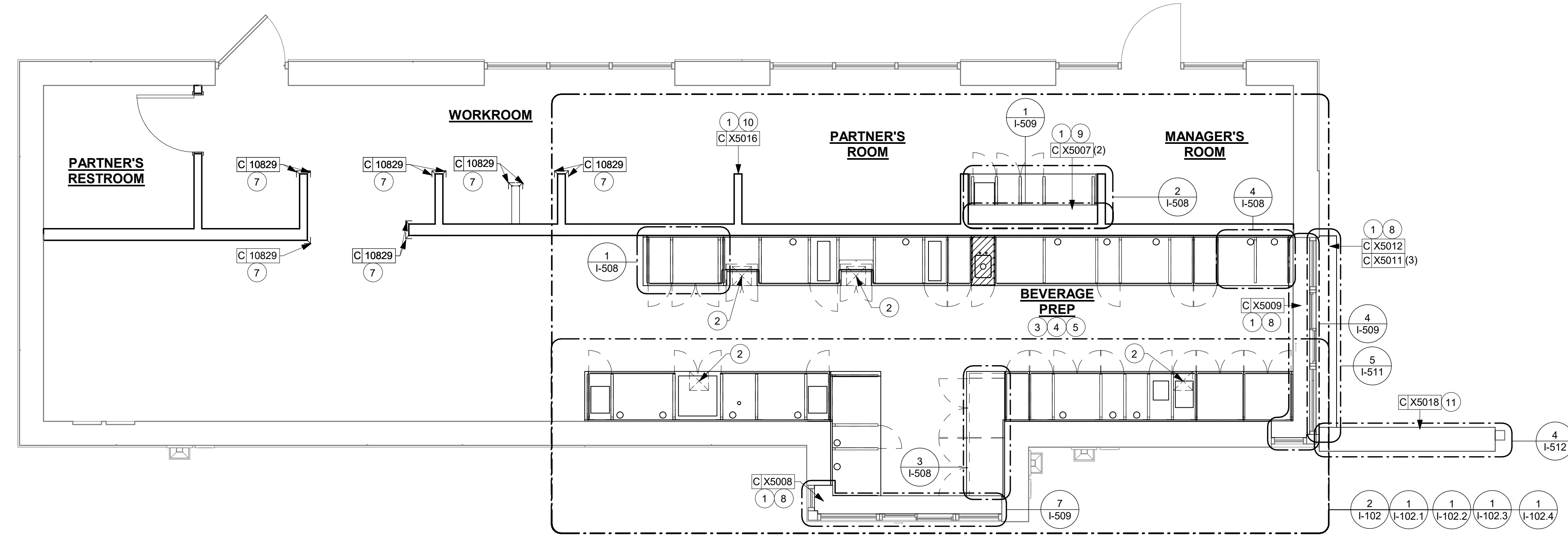
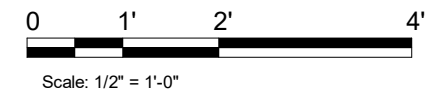
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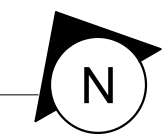
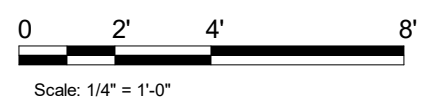
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2 CASEWORK UPPER PLAN  
Scale: 1/2" = 1'-0"



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



## GENERAL NOTES

- GENERAL CONTRACTOR TO NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF A DISCREPANCY EXISTS BETWEEN CASEWORK SHOP DRAWINGS, EXISTING SITE CONDITIONS, ARCHITECTURAL DRAWINGS OR BUILT FIXTURES. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY GC PRIOR TO SHOP DRAWINGS PRODUCTION.
- STARBUCKS CONSTRUCTION MANAGER TO COORDINATE AND SCHEDULE CASEWORK DELIVERY DATE. GENERAL CONTRACTOR TO CONFIRM CASEWORK DELIVERY DATE WITH CASEWORK MANUFACTURER AT FOUR (4) WEEKS PRIOR AND THEN ONE (1) WEEK PRIOR TO SCHEDULED DATE OF DELIVERY.
- STARBUCKS CONTRACTS DIRECTLY WITH CASEWORK VENDOR TO SUPPLY CASEWORK LISTED IN THE CASEWORK SCHEDULE, UNLESS OTHERWISE NOTED.
- CASEWORK VENDOR TO PROVIDE COMPLETE SHOP DRAWINGS AND INSTALLATION PACKAGE TO GENERAL CONTRACTOR TO FACILITATE PROPER INSTALLATION.
- ALL CASEWORK BOX BASE / TOE KICKS SHALL BE SET AND LEVELED USING 1/4" (6 MM) NON-ABSORBENT PLASTIC SHIMS PROVIDED BY CASEWORK VENDOR.
- SEE WALL FINISH PLAN FOR LOCATION, TAGGING, AND FINISH SCHEDULES OF APPLIED WALL TREATMENTS.
- SEE REFLECTED CEILING PLAN FOR CASEWORK SOFFIT LOCATIONS.
- REFERENCE PLUMBING AND ELECTRICAL PLANS FOR PLACEMENT OF ELECTRICAL, DATA AND PLUMBING ON FRONT AND BACKLINE OF BAR.

## KEYED NOTES

- REFER TO CASEWORK DETAIL SHEETS FOR ADDITIONAL INFORMATION.
- FLOOR SINK BELOW. CASEWORK MANUFACTURER TO COORDINATE DESIGN TO ENSURE THIS AREA IS READILY ACCESSIBLE FOR CLEANING AND FREE OF COUNTERTOP SUPPORT.
- INSTALL CASEWORK, COUNTERTOPS, SHELVES, CUBBIES, FINISHES, TRIM AND TABLE TOPS THROUGHOUT. REFERENCE FINISH SCHEDULE AND MANUFACTURER'S SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- ALL COUNTERTOPS UTILIZED FOR CUSTOMER TRANSACTIONS, INCLUDING BAR, CONDIMENT AND SALES COUNTERTOPS SHALL BE INSTALLED AT 2'-10" (860 MM) MAXIMUM A.F.F.
- VARIABLE WIDTH FILLER CABINET / COUNTERTOP REQUIRED TO FILL GAP (FIELD VERIFY DIMENSION). VENDOR TO COORDINATE EXACT DIMENSION WITH GC PRIOR TO INSTALLATION.
- INSTALL DT POS CUBBY AS INDICATED.
- INSTALL CORNER GUARD AT OUTSIDE CORNER AS INDICATED. SEE DETAILS: 10/I-502.
- INSTALL CUSTOM SILL TOP AT WINDOW SILL AS INDICATED.
- INSTALL CUSTOM WOOD SHELF AS INDICATED.
- INSTALL METAL FLAT BAR AT PARTNER AREA HEADER AS INDICATED.
- INSTALL CUSTOM STAND-UP SHELF AT PATIO AS INDICATED.

## LEGEND

- INDICATES STAINLESS STEEL (SST) COUNTERTOP
- INDICATES SOLID SURFACE (SS) COUNTERTOP
- INDICATES CORNER GUARD @ BOH -10829

### NOTE:

SEE SHEET I-101.1 FOR GRAPHICS SCHEDULE "G"

SEE SHEET I-103 FOR CASEWORK AND CASEWORK FINISH SCHEDULE "C"



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Rev	Date	By	Description

SHEET TITLE:  
**CASEWORK PLAN**

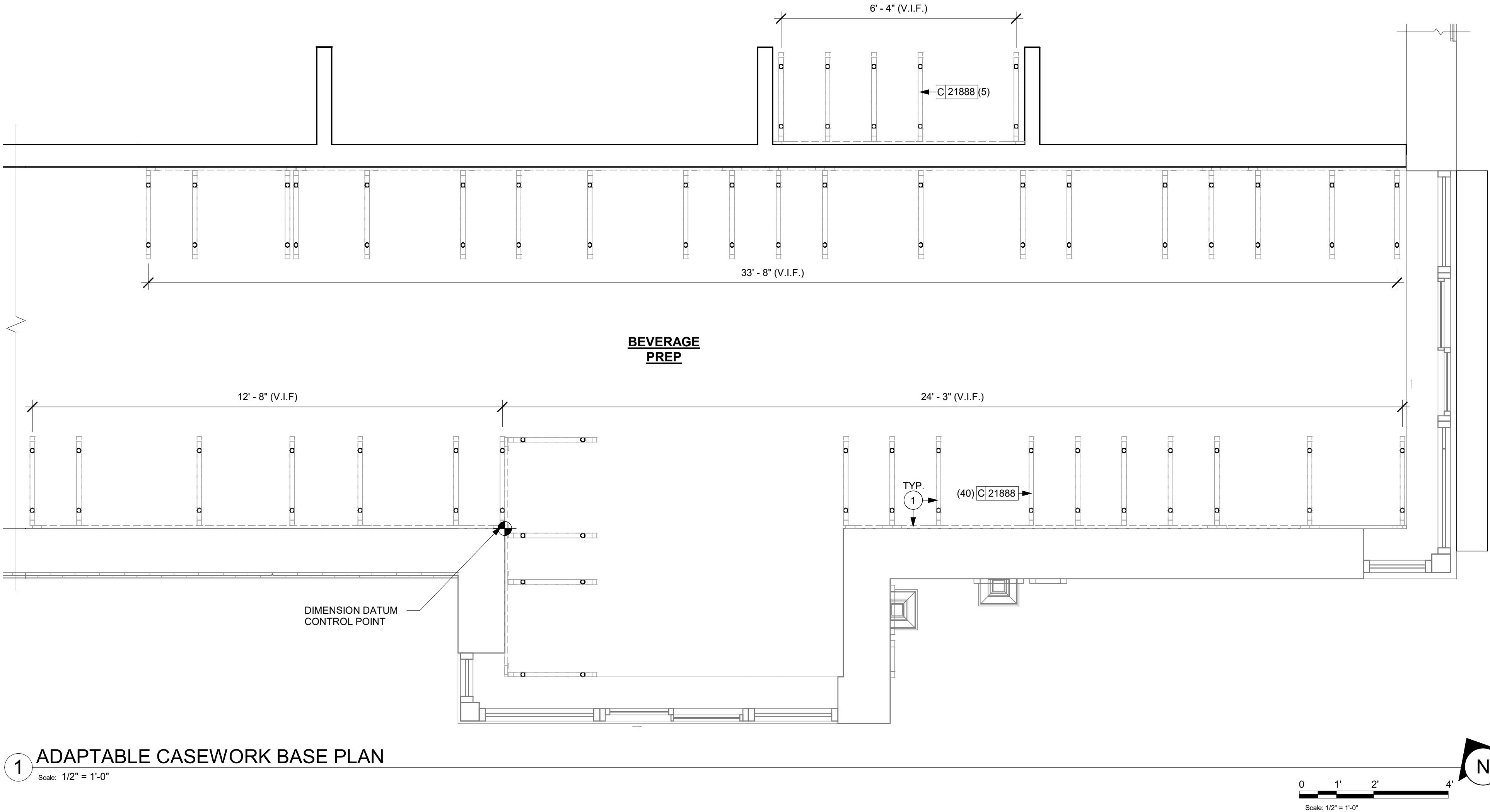
SCALE: AS SHOWN

SHEET NUMBER:  
**I-102**



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ADAPTABLE CASEWORK SUPPORT LEG AND DIEWALL BASE SCHEDULE "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DIEWALL					
21888	46	DIEWALL - SUPPORT LEG	SB	GC	



1 ADAPTABLE CASEWORK BASE PLAN  
Scale: 1/2" = 1'-0"

GENERAL NOTES

- A. SEE SHEET I-103 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.


KEYED NOTES

- 1. CASEWORK FRAMEWORK ABOVE.

LEGEND

- VARIABLE LENGTH BOX BASE
- CABINET LEG
- DATUM POINT

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PROJECT NAME:  
**US 17-92 & LAKE MARY BLVD**

PROJECT ADDRESS:  
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STORE #:	81065
PROJECT #:	98504-001
ISSUE DATE:	08-03-2023
DESIGNER:	PAULINA LOPEZ
PRODUCTION DESIGNER:	ANDY MCLOUD
CHECKED BY:	DONALD RETHMAN

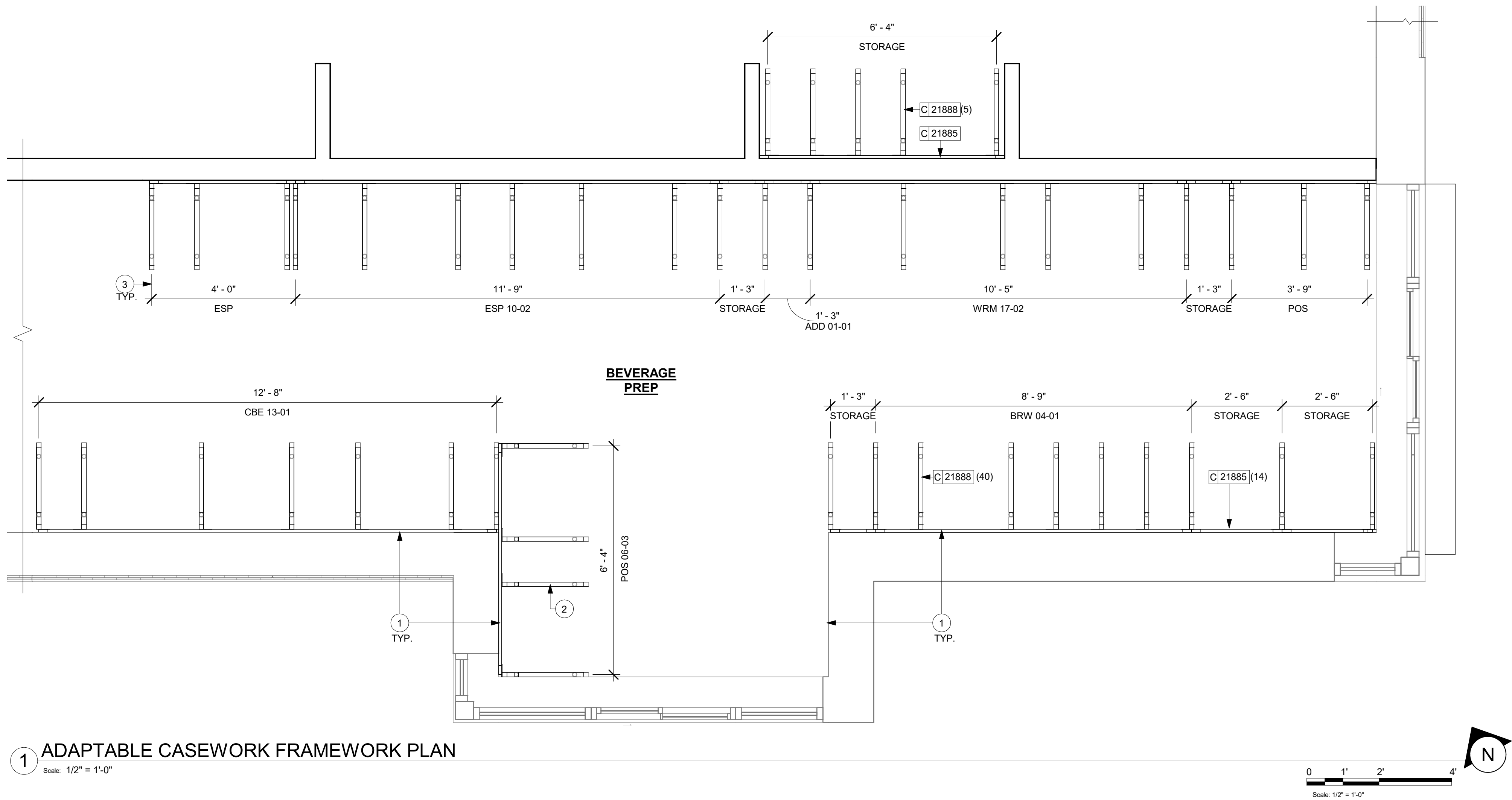
Revision Schedule			
Rev	Date	By	Description

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

SHEET NUMBER:  
**I-102.1**



ADAPTABLE CASEWORK FRAMEWORK SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DIEWALL					
21885	15	DIEWALL - FRAMING - VARIABLE LENGTH	SB	GC	
21888	46	DIEWALL - SUPPORT LEG	SB	GC	



## GENERAL NOTES

- A. SEE SHEET I-103 FOR COMPLETE CASEWORK SCHEDULE.
- B. METAL COMPONENTS PROVIDED BY CASEWORK SUPPLIER UNLESS OTHERWISE NOTED.
- C. DIEWALL TO BE INSTALLED PRIOR TO FLOORING MATERIAL INSTALLATION.
- D. DIEWALL TO BE ANCHORED TO FLOOR WITH HARDWARE SUPPLIED BY CASEWORK VENDOR.
- E. G.C. TO PROVIDE CONTINUOUS WALL BLOCKING BEHIND CASEWORK. G.C. TO INSTALL BLOCKING BETWEEN DIEWALL BASE.
- F. CASEWORK FRAME AT BAR ENDS ARE SUPPORTED BY 90 DEGREE DIEWALL BASE.
- G. ALL DIMENSIONS TAKEN FROM FRONTLINE DATUM POINT TO OUTSIDE CORNER OF DIEWALL BASE.
- H. TOP EDGE OF DIEWALL FRAME TO BE INSTALLED AT 32 13/16" A.F.F. AT LOW POINT.
- I. ALL DIMENSIONS ARE TO CENTER OF CABINET FRAME UNLESS NOTED OTHERWISE.

## KEYED NOTES

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



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# FOR CONSTRUCTION

PROJECT NAME:  
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BLVD

PROJECT ADDRESS:  
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SANFORD, FL 23773

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
ADAPTABLE CASEWORK  
FRAMEWORK PLAN

SHEET NUMBER:  
I-102.2

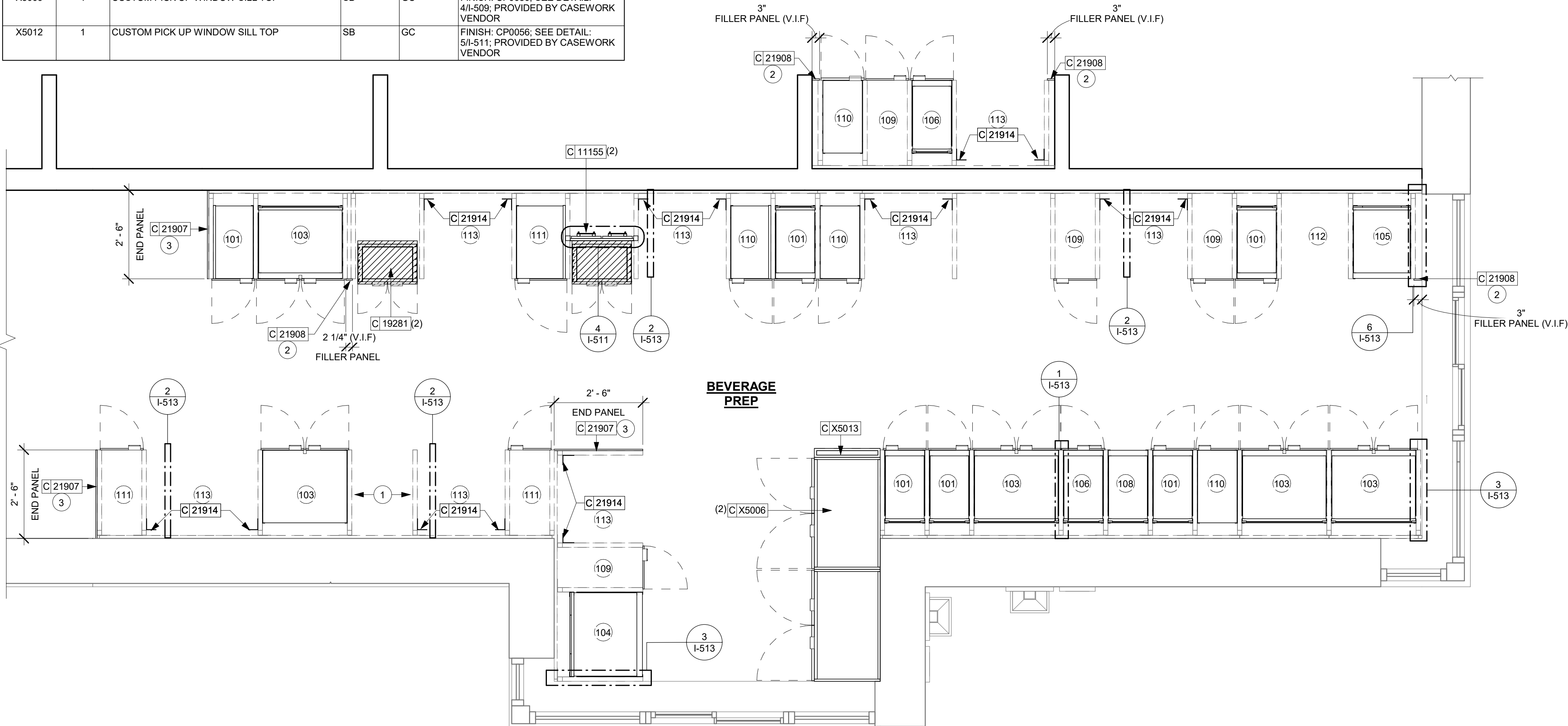


ADAPTABLE CASEWORK CABINET SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CABINET					
17580	2	CABINET - CBE TEA SHELF - 29IN 735MM - FLAT BLACK MT0028	SB	GC	PROVIDED BY CASEWORK VENDOR
19281	2	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC	
21890	33	CABINET - SIDE PANEL	SB	GC	
21891	13	CABINET - BOTTOM SHELF - 15IN 380MM	SB	GC	
21892	8	CABINET - BACK PANEL - 15IN 380MM	SB	GC	
21893	8	CABINET - ADJUSTABLE SHELF - 15IN 380MM	SB	GC	
21894	12	CABINET - DOOR - 15IN 380MM	SB	GC	FINISH: CP0024
21895	6	CABINET - DOOR TRASH - 15IN 380MM	SB	GC	FINISH: CP0024
21896	1	CABINET - DRAWER - 15IN 380MM	SB	GC	FINISH: CP0024
21898	1	CABINET - BOTTOM SHELF - 18IN 455MM	SB	GC	
21901	1	CABINET - DOOR - 18IN 455MM	SB	GC	FINISH: CP0024
21902	6	CABINET - BOTTOM SHELF - 30IN 760MM	SB	GC	
21903	4	CABINET - BACK PANEL - 30IN 760MM	SB	GC	
21904	6	CABINET - ADJUSTABLE SHELF - 30IN 760MM	SB	GC	
21905	5	CABINET - DOOR - 30IN 760MM	SB	GC	FINISH: CP0024
21907	3	CABINET - END CAP BACKBAR	SB	GC	FINISH: CP0024
21908	4	CABINET - FILLER PANEL - VARIABLE LENGTH	SB	GC	FINISH: CP0024; LENGTH REQUIRED: (1) 0' - 3 1/4" (1) 0' - 2" (1) 0' - 3"
21909	1	CABINET - DT POS UPPER CUBBY - 32IN 815MM	SB	GC	FINISH: PL0019
21910	1	CABINET - FRENCH CLEAT - VARIABLE LENGTH	SB	GC	OVERALL LENGTH REQUIRED: 2' - 6 1/2"
21912	1	CABINET - BACK PANEL FOR POS - 30IN 760MM	SB	GC	
21913	3	CABINET - EQUIPMENT MOUNTING PANEL	SB	GC	
22632	1	CABINET - CBE DRY INCLUSION SHELF - 44IN 1120MM - FLAT BLACK MT0028	SB	GC	PROVIDED BY CASEWORK VENDOR
22749	1	CABINET - ESPRESSO PUMP MOUNT PANEL	SB	GC	
22980	2	CABINET - ADJUSTABLE SHELF - 21IN 535MM	SB	GC	
22981	1	CABINET - BACK PANEL FOR POS - 21IN 535MM	SB	GC	
22982	1	CABINET - BOTTOM SHELF - 21IN 535MM	SB	GC	
X5006	2	CUSTOM CABINET - BACKBAR - 37.5IN 950MM	SB	GC	FINISH: PL0019; SEE DETAIL: 5/I-508; PROVIDED BY CASEWORK VENDOR
X5013	1	CUSTOM CABINET - BACKBAR COUNTER SUPPORT PANEL - 3IN 75MM	SB	GC	FINISH: PL0019; SEE DETAIL: 3/I-508; SIMILAR TO DID #17573; CUSTOM DUE TO DEPTH; PROVIDED BY CASEWORK VENDOR
OTHER					
10829	11	CORNER GUARD - 75IN 19MM	SB	GC	LOCATED @ BOH SST
11155	2	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 255X255MM	SB	GC	
21914	8	FRIDGE STOP BRACKET SET	SB	GC	
X5007	2	CUSTOM WOOD SHELVES	SB	GC	FINISH: WD0077; SEE DETAIL: 1/I-509; PROVIDED BY CW VENDOR
X5008	1	CUSTOM DT SILL TOP	SB	GC	FINISH: CP0030; SEE DETAIL: 7/I-509; PROVIDED BY CASEWORK VENDOR
X5009	1	CUSTOM PICK UP WINDOW SILL TOP	SB	GC	FINISH: CP0030; SEE DETAIL: 4/I-509; PROVIDED BY CASEWORK VENDOR
X5012	1	CUSTOM PICK UP WINDOW SILL TOP	SB	GC	FINISH: CP0056; SEE DETAIL: 5/I-511; PROVIDED BY CASEWORK VENDOR

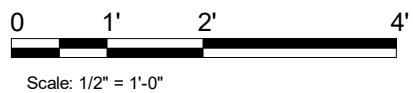
ADAPTABLE CASEWORK CABINET SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
X5016	1	CUSTOM METAL FLAT BAR AT PARTNER'S AREA	SB	GC	FINISH: PAINTED TO MATCH SW7031-ES; SEE DETAIL: 6/A-502; PROVIDED BY CASEWORK VENDOR
X5017	1	CUSTOM METAL FLAT BAR AT WORKROOM	SB	GC	FINISH TO MATCH SW7031-ES; SEE DETAIL: 7/A-502; PROVIDED BY CASEWORK VENDOR
X5018	1	CUSTOM STAND-UP SHELF	SB	GC	FINISH: WD0077; SEE DETAIL: 4/I-512

ADAPTABLE CASEWORK CABINET TYPES AND BILL OF MATERIALS SCHEDULE										
KEY NUMBER	CABINET TYPE	FULL HT. DOORS	3/4 DOOR	3/4 DOOR W/ VENT	DRAWER	BOTTOM SHELF	ADJUST. SHELF	BACK PANEL	SIDE PANELS	BOX BASE^^
101	15" STORAGE	1 DID 21894	N/A	N/A	N/A	1 DID 21891	1 DID 21893	1 DID 21892	2** DID 21890	NO
102	18" STORAGE	1 DID 21901	N/A	N/A	N/A	1 DID 21898	1 DID 21900	1 DID 21899	2** DID 21890	NO
103	30" STORAGE	2 DID 21905	N/A	N/A	N/A	1 DID 21902	1 DID 21904	1 DID 21903	2** DID 21890	NO
104	30" POS	N/A	N/A	N/A	N/A	1 DID 21902	2 DID 21904	1 DID 21912	2** DID 21890	NO
105	21" POS	N/A	N/A	N/A	N/A	1 DID 22982	2 DID 22980	1 DID 22981	2** DID 21890	NO
106	15" DRAWER	N/A	1 DID 21895	N/A	1 DID 21896	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	18" SINK OR ICE BIN	1/0* DID 21901	N/A	N/A	N/A	1^ DID 21898	0	0	0 (1,2)** DID 21890	NO
112	24" SAFE	N/A	N/A	N/A	N/A	N/A	0	0	0 (1,2)** DID 21890	NO
113	30" REFRIGERATOR	N/A	N/A	N/A	N/A	N/A	0	0	0 (1,2)** DID 21890	NO

\* DOOR NOT REQUIRED WHERE CUSTOMER VIEW IS LIMITED OR NEGLIGIBLE (i.e. FRONTLINE OR BEHIND WALLS)  
\*\* SIDE PANEL QUANTITY SHOWN IS FOR STAND-ALONE CABINETS; ACUTAL SIDE PANEL QUANTITY IS DEPENDENT ON ADJACENT...  
^ BOTTOM SHELF AND BOX BASE (IF APPLICABLE), SHOULD BE REMOVED AT SINK/ICE BIN CABINETS WITH FLOOR SINK LOCATED...  
^^ BOX BASE TO BE PROVIDED AT SPECIFIC CABINETS WHEN REQUIRED BY JURISDICTIONAL CODE OR LOCAL OPERATOR PREFERENCE (NOTED AS "YES")



1 ADAPTABLE CASEWORK CABINET PLAN  
Scale: 1/2" = 1'-0"



## GENERAL NOTES

- SEE SHEET I-103 FOR COMPLETE CASEWORK SCHEDULE.
- ALL DIMENSIONS ARE TO CENTER OF FRAME ASSEMBLY.
- 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.
- SUBSTRATE PANELS:
  - > SUBSTRATE PANELS SHALL BE MEDEX.
  - > 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.
  - > Z-CLIPS TO BE INSTALLED 1" AWAY FROM PANEL EDGE.

## KEYED NOTES

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



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DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

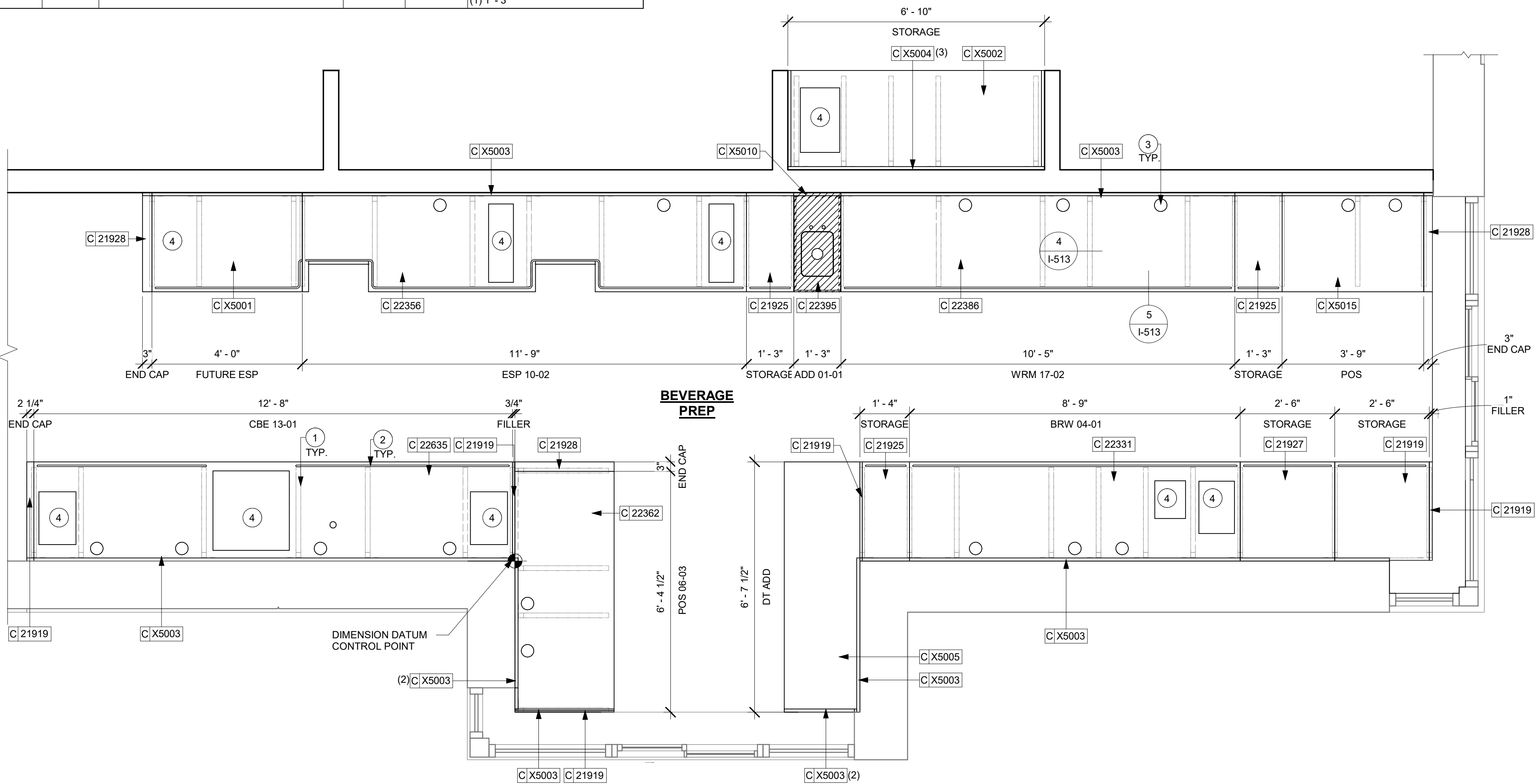
SHEET TITLE:  
**ADAPTABLE CASEWORK CABINET PLAN**  
SCALE: 1/2" = 1'-0"

SHEET NUMBER:  
**I-102.3**

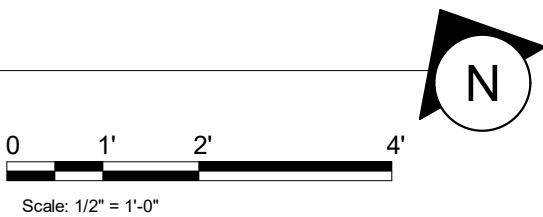


ADAPTABLE CASEWORK COUNTERTOP SCHEDULE - "C"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
21919	5	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	FINISH: CP0030; LENGTH REQUIRED: (2) 0' - 0 3/4" (2) 0' - 2 1/4" (1) 0' - 0 1/2"	
21925	3	COUNTERTOP - BACKBAR - 15IN 380MM	SB	GC	FINISH: CP0030	
21927	2	COUNTERTOP - BACKBAR - 30IN 760MM	SB	GC	FINISH: CP0030	
21928	3	COUNTERTOP - END CAP BACKBAR	SB	GC	FINISH: CP0030	
22331	1	COUNTERTOP - BREW - RF - 105IN 2665MM	SB	GC	FINISH: CP0030	
22356	1	COUNTERTOP - ESPRESSO BACKBAR - RF - 141IN 3580MM	SB	GC	FINISH: CP0030	
22362	1	COUNTERTOP - DT POS - LF - 76IN 1930MM	SB	GC	FINISH: CP0030	
22386	1	COUNTERTOP - WARMING WITH RACK - LF - 125IN 3175MM	SB	GC	FINISH: CP0030	
22395	1	COUNTERTOP - HAND SINK LOW SPLASH - 15IN 380MM	SB	GC		
22635	1	COUNTERTOP - CBE - LF - 152IN 3860MM	SB	GC	FINISH: CP0030	
X5001	1	CUSTOM COUNTERTOP - ESPRESSO BACKBAR - LF - 47.75IN 1215MM	SB	GC	FINISH: CP0030; SEE DETAIL: 1/1-508; PROVIDED BY CASEWORK VENDOR	
X5002	1	CUSTOM COUNTERTOP - ADD PARTNER - 81.5IN 2070MM	SB	GC	FINISH: CP0030; SEE DETAIL: 2/1-508; PROVIDED BY CASEWORK VENDOR	
X5003	10	CUSTOM COUNTERTOP - 2FT BACKSPLASH - VARIABLE LENGTH	SB	GC	FINISH: CP0030; SEE DETAIL: 3/1-507; PROVIDED BY CASEWORK VENDOR LENGTH REQUIRED: (1) 14' - 0 1/8" (1) 4' - 1" (1) 0' - 0 3/4" (1) 1' - 10 1/4" (1) 2' - 7 1/2" (1) 0' - 6 3/4" (1) 3' - 4 1/4" (1) 13' - 0" (1) 17' - 2 3/4" (1) 15' - 8"	
X5004	3	CUSTOM COUNTERTOP - 2FT 5IN BACKSPLASH - VARIABLE LENGTH	SB	GC	FINISH: CP0030; PROVIDED BY CASEWORK VENDOR LENGTH REQUIRED: (2) 2' - 6 1/2" (1) 6' - 9 1/2"	
X5005	1	CUSTOM COUNTERTOP - DT AREA BACKBAR - 79.5IN 2020MM	SB	GC	FINISH: CP0030; SEE DETAIL: 3/1-508; PROVIDED BY CASEWORK VENDOR	
X5010	1	CUSTOM COUNTERTOP - 2FT BACKSPLASH - VARIABLE LENGTH	SB	GC	FINISH: CP0030; PROVIDED BY CASEWORK VENDOR LENGTH REQUIRED: (1) 1' - 3"	

ADAPTABLE CASEWORK COUNTERTOP SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
X5011	3	CUSTOM COUNTERTOP - 2FT BACKSPLASH - VARIABLE LENGTH	SB	GC	FINISH: CP0056; SEE DETAIL: 5/4-511; PROVIDED BY CASEWORK VENDOR LENGTH REQUIRED: (1) 0' - 10" (1) 0' - 11" (1) 10' - 4"
X5015	1	CUSTOM COUNTERTOP - DT POS - RF - 45IN 1145MM	SB	GC	FINISH: CP0030; SEE DETAIL: 4/4-508; PROVIDED BY CASEWORK VENDOR



# 1 ADAPTABLE CASEWORK COUNTERTOP PLAN





## GENERAL NOTES

- A. SEE SHEET T-103 FOR COMPLETE CASEWORK SCHEDULE
- B. G.C.'S INSTALLER SHALL VERIFY COUNTER CHANNEL REQUIREMENTS PRIOR TO CUTTING IN FIELD.
- C. G.C. INSTALLER TO VERIFY COUNTERTOP SUPPORT CHANNEL MEASUREMENTS PRIOR TO CUTTING. FIELD CUT AT SINKS AND ICE BINS.
- D. "C" CHANNEL MOUNTS OVER FRONT AND REAR INDEX BRACKETS WHICH ARE INSERTED INTO FRAMEWORK.
- E. SILICONE SEAM AT TRANSITION FROM COUNTERTOP TO HAND SINKS.
- F. SILICONE AND SEAL ALL SEAMS BETWEEN SINKS, EQUIPMENT AND COUNTERTOPS.
- G. ONCE COUNTERTOP IS SET, LEVELED AND SEAMED, SECURE CHANNEL TO UNDERSIDE OF SUBSTRATE.

## KEYED NOTES

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

## LEGEND

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



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# Design Forum Engineering

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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
ADAPTABLE CASEWORK  
COUNTERTOP PLAN  
SCALE:

SHEET NUMBER:  
I-102.4




CASEWORK SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CABINET					
17580	2	CABINET - CBE TEA SHELF - 29IN 735MM - FLAT BLACK MT0028	SB	GC	PROVIDED BY CASEWORK VENDOR
19281	2	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC	
21890	33	CABINET - SIDE PANEL	SB	GC	
21891	13	CABINET - BOTTOM SHELF - 15IN 380MM	SB	GC	
21892	8	CABINET - BACK PANEL - 15IN 380MM	SB	GC	
21893	8	CABINET - ADJUSTABLE SHELF - 15IN 380MM	SB	GC	
21894	12	CABINET - DOOR - 15IN 380MM	SB	GC	FINISH: CP0024
21895	6	CABINET - DOOR TRASH - 15IN 380MM	SB	GC	FINISH: CP0024
21896	1	CABINET - DRAWER - 15IN 380MM	SB	GC	FINISH: CP0024
21898	1	CABINET - BOTTOM SHELF - 18IN 455MM	SB	GC	
21901	1	CABINET - DOOR - 18IN 455MM	SB	GC	FINISH: CP0024
21902	6	CABINET - BOTTOM SHELF - 30IN 760MM	SB	GC	
21903	4	CABINET - BACK PANEL - 30IN 760MM	SB	GC	
21904	6	CABINET - ADJUSTABLE SHELF - 30IN 760MM	SB	GC	
21905	5	CABINET - DOOR - 30IN 760MM	SB	GC	FINISH: CP0024
21907	3	CABINET - END CAP BACKBAR	SB	GC	FINISH: CP0024
21908	4	CABINET - FILLER PANEL - VARIABLE LENGTH	SB	GC	FINISH: CP0024; LENGTH REQUIRED: (1) 0' - 3 1/4' (1) 0' - 2" (1) 0' - 3"
21909	1	CABINET - DT POS UPPER CUBBY - 32IN 815MM	SB	GC	FINISH: PL0019
21910	1	CABINET - FRENCH CLEAT - VARIABLE LENGTH	SB	GC	OVERALL LENGTH REQUIRED: 2' - 6 1/2"
21912	1	CABINET - BACK PANEL FOR POS - 30IN 760MM	SB	GC	
21913	3	CABINET - EQUIPMENT MOUNTING PANEL	SB	GC	
22632	1	CABINET - CBE DRY INCLUSION SHELF - 44IN 1120MM - FLAT BLACK MT0028	SB	GC	PROVIDED BY CASEWORK VENDOR
22749	1	CABINET - ESPRESSO PUMP MOUNT PANEL	SB	GC	
22980	2	CABINET - ADJUSTABLE SHELF - 21IN 535MM	SB	GC	
22981	1	CABINET - BACK PANEL FOR POS - 21IN 535MM	SB	GC	
22982	1	CABINET - BOTTOM SHELF - 21IN 535MM	SB	GC	
X5006	2	CUSTOM CABINET - BACKBAR - 37.5IN 950MM	SB	GC	FINISH: PL0019; SEE DETAIL: 5/I-508; PROVIDED BY CASEWORK VENDOR
X5013	1	CUSTOM CABINET - BACKBAR COUNTER SUPPORT PANEL - 3IN 75MM	SB	GC	FINISH: PL0019; SEE DETAIL: 3/I-508; SIMILAR TO DID #17573; CUSTOM DUE TO DEPTH; PROVIDED BY CASEWORK VENDOR
COUNTERTOP					
21919	5	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	FINISH: CP0030; LENGTH REQUIRED: (2) 0' - 0 3/4" (2) 0' - 2 1/4" (1) 0' - 0 1/2"
21925	3	COUNTERTOP - BACKBAR - 15IN 380MM	SB	GC	FINISH: CP0030
21927	2	COUNTERTOP - BACKBAR - 30IN 760MM	SB	GC	FINISH: CP0030
21928	3	COUNTERTOP - END CAP BACKBAR	SB	GC	FINISH: CP0030
22331	1	COUNTERTOP - BREW - RF - 105IN 2665MM	SB	GC	FINISH: CP0030
22356	1	COUNTERTOP - ESPRESSO BACKBAR - RF - 141IN 3580MM	SB	GC	FINISH: CP0030
22362	1	COUNTERTOP - DT POS - LF - 76IN 1930MM	SB	GC	FINISH: CP0030
22386	1	COUNTERTOP - WARMING WITH RACK - LF - 125IN 3175MM	SB	GC	FINISH: CP0030
22395	1	COUNTERTOP - HAND SINK LOW SPLASH - 15IN 380MM	SB	GC	
22635	1	COUNTERTOP - CBE - LF - 152IN 3860MM	SB	GC	FINISH: CP0030
X5001	1	CUSTOM COUNTERTOP - ESPRESSO BACKBAR - LF - 47.75IN 1215MM	SB	GC	FINISH: CP0030; SEE DETAIL: 1/I-508; PROVIDED BY CASEWORK VENDOR
X5002	1	CUSTOM COUNTERTOP - ADD PARTNER - 81.5IN 2070MM	SB	GC	FINISH: CP0030; SEE DETAIL: 2/I-508; PROVIDED BY CASEWORK VENDOR
X5003	10	CUSTOM COUNTERTOP - 2FT BACKSPLASH - VARIABLE LENGTH	SB	GC	FINISH: CP0030; SEE DETAIL: 9/I-507; PROVIDED BY CASEWORK VENDOR LENGTH REQUIRED: (1) 14' - 0 1/8" (1) 4' - 1" (1) 0' - 0 3/4" (1) 1' - 10 1/4" (1) 2' - 7 1/2" (1) 0' - 6 3/4" (1) 3' - 4 1/4" (1) 13' - 0" (1) 17' - 2 3/4" (1) 15' - 8"
X5004	3	CUSTOM COUNTERTOP - 2FT 5IN BACKSPLASH - VARIABLE LENGTH	SB	GC	FINISH: CP0030; PROVIDED BY CASEWORK VENDOR LENGTH REQUIRED: (2) 2' - 6 1/2" (1) 6' - 9 1/2"
X5005	1	CUSTOM COUNTERTOP - DT AREA BACKBAR - 79.5IN 2020MM	SB	GC	FINISH: CP0030; SEE DETAIL: 3/I-508; PROVIDED BY CASEWORK VENDOR
X5010	1	CUSTOM COUNTERTOP - 2FT BACKSPLASH - VARIABLE LENGTH	SB	GC	FINISH: CP0030; PROVIDED BY CASEWORK VENDOR LENGTH REQUIRED: (1) 1' - 3"
X5011	3	CUSTOM COUNTERTOP - 2FT BACKSPLASH - VARIABLE LENGTH	SB	GC	FINISH: CP0056; SEE DETAIL: 5/I-511; PROVIDED BY CASEWORK VENDOR LENGTH REQUIRED: (1) 0' - 10" (1) 0' - 11" (1) 10' - 4"
X5015	1	CUSTOM COUNTERTOP - DT POS - RF - 45IN 1145MM	SB	GC	FINISH: CP0030; SEE DETAIL: 4/I-508; PROVIDED BY CASEWORK VENDOR
DIEWALL					
21885	15	DIEWALL - FRAMING - VARIABLE LENGTH	SB	GC	
21888	46	DIEWALL - SUPPORT LEG	SB	GC	
OTHER					
10829	11	CORNER GUARD - .75IN 19MM	SB	GC	LOCATED @ BOH SST
11155	2	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 255X255MM	SB	GC	
21914	8	FRIDGE STOP BRACKET SET	SB	GC	
X5007	2	CUSTOM WOOD SHELVES	SB	GC	FINISH: WD0077; SEE DETAIL: 1/I-509; PROVIDED BY CW VENDOR
X5008	1	CUSTOM DT SILL TOP	SB	GC	FINISH: CP0030; SEE DETAIL: 7/I-509; PROVIDED BY CASEWORK VENDOR
X5009	1	CUSTOM PICK UP WINDOW SILL TOP	SB	GC	FINISH: CP0030; SEE DETAIL: 4/I-509; PROVIDED BY CASEWORK VENDOR
X5012	1	CUSTOM PICK UP WINDOW SILL TOP	SB	GC	FINISH: CP0056; SEE DETAIL: 5/I-511; PROVIDED BY CASEWORK VENDOR
X5016	1	CUSTOM METAL FLAT BAR AT PARTNER'S AREA	SB	GC	FINISH: PAINTED TO MATCH SW7031-ES; SEE DETAIL: 6/A-502; PROVIDED BY CASEWORK VENDOR
X5017	1	CUSTOM METAL FLAT BAR AT WORKROOM	SB	GC	FINISH TO MATCH SW7031-ES; SEE DETAIL: 7/A-502; PROVIDED BY CASEWORK VENDOR
X5018	1	CUSTOM STAND-UP SHELF	SB	GC	FINISH: WD0077; SEE DETAIL: 4/I-512

CW FINISH - NCS			
LOCATION	DESCRIPTION	FINISH CODE	COMMENTS
CABINETS			
DT POS CUBBY	PLASTIC LAMINATE - MOTTLED BLACK	PL0019	
UNDERCOUNTER CABINET BACKBAR	COMPOSITE - BLACK DIAMOND PAPERSTONE	CP0024	
UNDERCOUNTER CABINET FRONTBAR	COMPOSITE - BLACK DIAMOND PAPERSTONE	CP0024	
UNDERCOUNTER CABINET INTERIOR	PLASTIC LAMINATE - BLACK	PL0044	
COUNTERTOPS			
ADD, CBE AND NITRO COUNTERTOPS	COMPOSITE - WHISPER	CP0030	
DT POS, BREW AND WARM COUNTERTOPS	COMPOSITE - WHISPER	CP0030	
ESPRESSO AND POS COUNTERTOPS	COMPOSITE - WHISPER	CP0030	
HAND SINK COUNTERTOP	STAINLESS STEEL - BRUSHED	#4 BRUSHED 16GA SST	
OTHER			
CUSTOM PICK-UP WINDOW SILL TOP & CORIAN PANEL	COMPOSITE - BRUSHED WARM GREY	CP0056	
SHROUD	COMPOSITE - WHISPER	CP0030	
WINDOW SILL TOP	COMPOSITE - WHISPER	CP0030	

RESPONSIBILITY LEGEND

FURN. BY	INST. BY
SB - FURNISHED BY STARBUCKS	GC - INSTALLED BY GENERAL CONTRACTOR
GC - FURNISHED BY GENERAL CONTRACTOR	SB - INSTALLED BY STARBUCKS
VD - FURNISHED BY VENDOR	VD - INSTALLED BY VENDOR

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STARBUCKS TEMPLATE VERSION: i2021-09-13

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Timothy L. Raberding, PE  
Professional Engineer  
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PROJECT NAME:  
**US 17-92 & LAKE MARY BLVD**

PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 23773**

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**CASEWORK SCHEDULES**

SCALE: NO SCALE

SHEET NUMBER:  
**I-103**



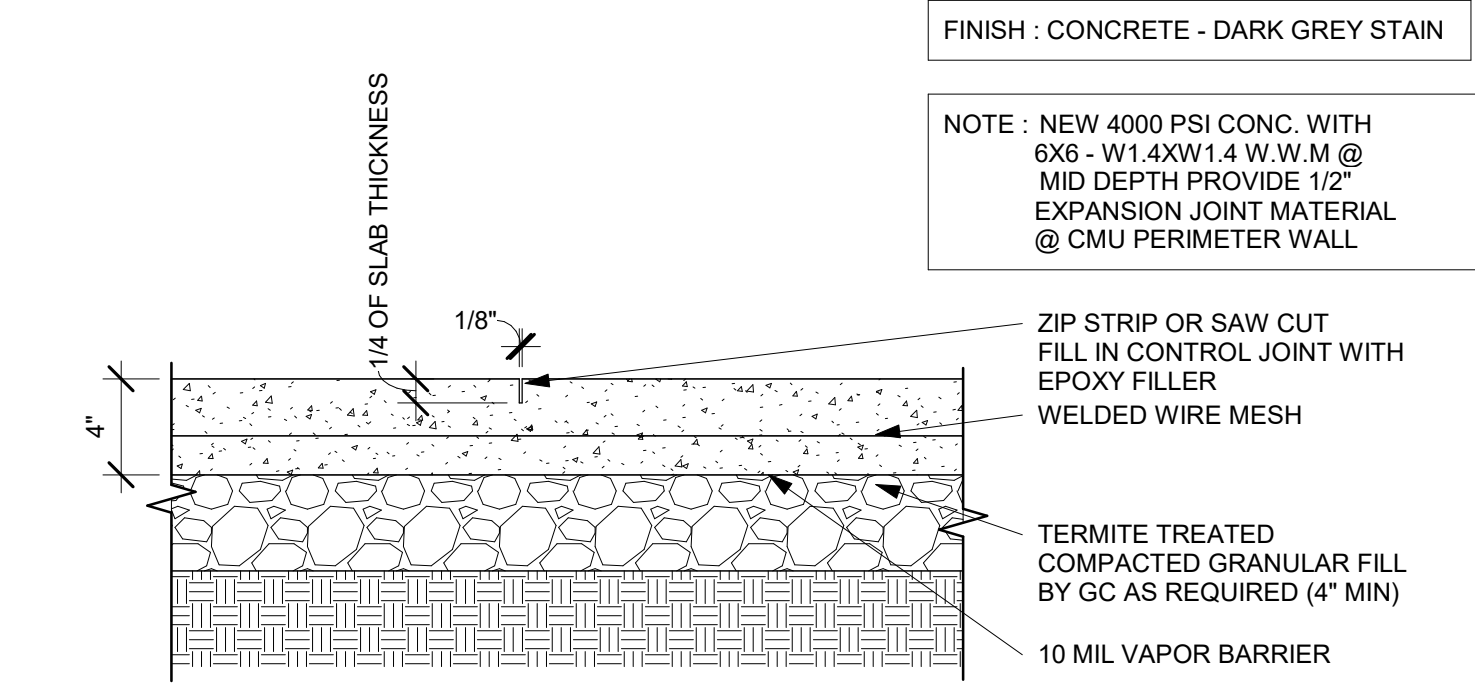
WALL BASE SCHEDULE - "B"					
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
METAL BASE					
X9101	11' - 11"	METAL BASE - 6IN 150MM - BLACK - MT0028	GC	GC	PROVIDED BY CASEWORK VENDOR
TILE BASE					
19795	277' - 5 3/4"	POLYVINYL TILE BASE SHEET - ECO-GRIP - PEWTER - 6X96IN 150X2438MM	GC	GC	
X9102	27' - 6 1/2"	SCHLUTER BASE - DILEX - AHK ALUMINUM TRIM	GC	GC	SCHLUTER SYSTEM WILL REQUIRE USE OF 90 DEGREE CORNER PIECE TO ACCOMODATE FOR RADIUS TRIM PROFILE.

FLOOR TREATMENT SCHEDULE - "T"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TILE					
19795	1117 SF	POLYVINYL FLOOR SHEET - ECO-GRIP - PEWTER - 60X96IN 1524X2438MM	GC	GC	
20228	59 SF	TILE - I COCCI - CEMENTO - 24X24IN 600X600MM	SB	GC	GROUT: MAPEI - 47 CHARCOAL, OR EQUAL

### RESPONSIBILITY LEGEND

FURN. BY	INST. BY
SB - FURNISHED BY STARBUCKS	GC - INSTALLED BY GENERAL CONTRACTOR
GC - FURNISHED BY GENERAL CONTRACTOR	SB - INSTALLED BY STARBUCKS
VD - FURNISHED BY VENDOR	VD - INSTALLED BY VENDOR

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2 TYPICAL CONCRETE SLAB @ CONTROL JOINT DETAIL

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

### GENERAL NOTES

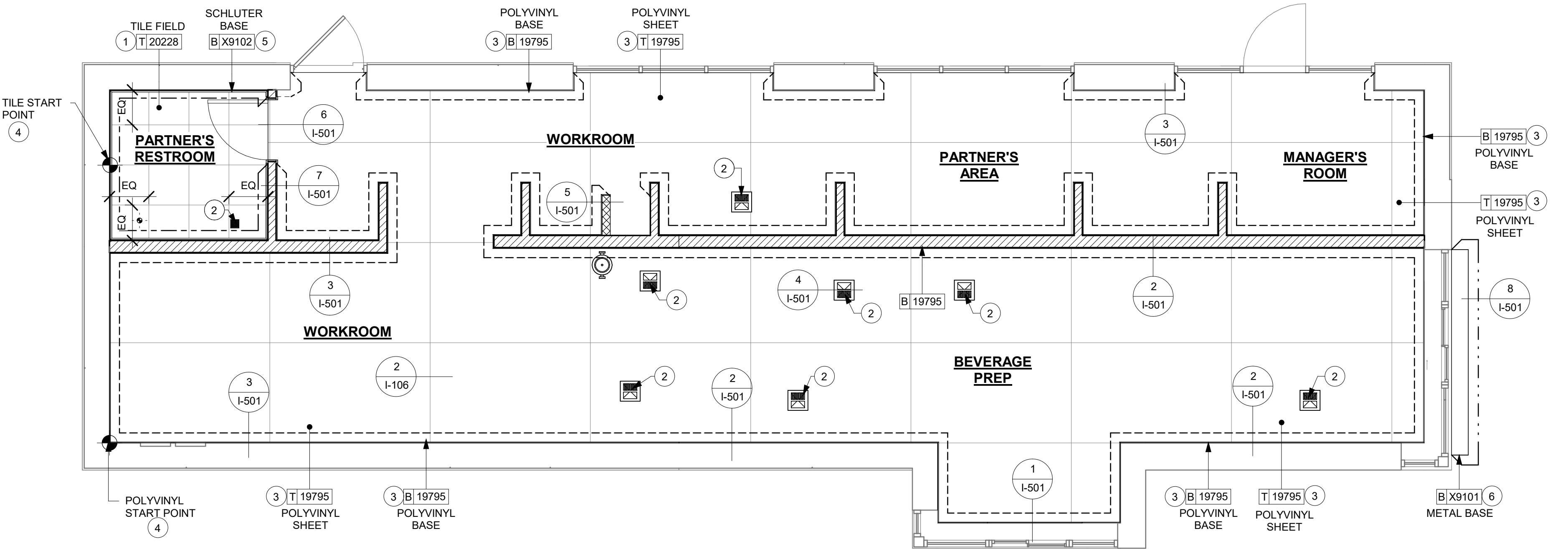
- WORKROOM TO BE FINISHED PER LOCAL CODE REQUIREMENTS.
- FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE. PAINT SHALL BE WASHABLE; SEMI-GLOSS OR HIGH-GLOSS FINISH.
- STARBUCKS TO SUPPLY FLOORING AND BASE FOR FRONT AND BACK OF HOUSE AS NOTED IN SCHEDULES. GENERAL CONTRACTOR TO INSTALL. GENERAL CONTRACTOR TO SUPPLY WORKROOM TILE AND BASE AND INSTALL. GENERAL CONTRACTOR TO SUPPLY AND INSTALL MORTAR, ADHESIVE, AND GROUT. GENERAL CONTRACTOR TO INSPECT ALL TILES AND REJECT DAMAGED OR SUBSTANDARD TILES PRIOR TO INSTALLATION.
- ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.
- ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.

### KEYED NOTES

- INSTALL FLOOR TILE AT PARTNER'S RESTROOM AS INDICATED.
- FLOOR SINK/ DRAIN LOCATION. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A-102 AND PLUMBING FOR ADDITIONAL INFORMATION.
- INSTALL POLYVINYL SHEET FLOORING AND BASE AT ENGINE AREA, WORKROOM, PARTNER'S AREA AND MANAGER'S AREA AS INDICATED.
- POLYVINYL TILE START POINT WHERE INDICATED.
- INSTALL SCHLUTER BASE AT RESTROOM AS INDICATED.
- INSTALL METAL BASE AT EXTERIOR DT WINDOW AS INDICATED.

### LEGEND

	POLYVINYL SHEET FLOORING - ECO-GRIP - PEWTER - 60X96IN 1524X2438MM	T 19795
	TILE - I COCCI - CEMENTO - 24X24IN 600X600MM	T 20228
	POLYVINYL TILE BASE - ECO-GRIP - PEWTER - 6X96IN 150X2438MM	B 19795
	METAL BASE - 6IN 150MM - BLACK - MT0028	B X9101
	SCHLUTER BASE - DILEX - AHK TRIM	B X9102
	DATUM POINT	



1 FLOOR FINISH PLAN

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

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STARBUCKS TEMPLATE VERSION: i2021-09-13

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Timothy L. Raberding, PE  
Professional Engineer  
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PROJECT NAME:  
US 17-92 & LAKE MARY  
BLVD

PROJECT ADDRESS:  
3764 ORLANDO DRIVE  
SANFORD, FL 23773

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
FLOOR FINISH PLAN

SCALE: As indicated

SHEET NUMBER:  
I-106



PAINT SCHEDULE						
COLOR CODE	DESCRIPTION		LRV	FURN. BY	INST. BY	COMMENTS
SW6991-SG	SW - BLACK MAGIC - SEMIGLOSS		6	GC	GC	USE PRIMER CP-1
SW7031-ES	SW - MEGA GREIGE - EGGSHELL		37	GC	GC	USE PRIMER CP-1
SW7033-ES	SW - BRAINSTORM BRONZE - EGGSHELL		15	GC	GC	USE PRIMER CP-1
SW7033-SG	SW - BRAINSTORM BRONZE - SEMIGLOSS		15	GC	GC	USE PRIMER CP-1
SW7631-ES	SW - CITY LOFT - EGGSHELL		70	GC	GC	USE PRIMER CP-1

WALL TREATMENT (AREA) SCHEDULE - "Q"						
DESIGN ID	AREA	DESCRIPTION		FURN. BY	INST. BY	COMMENTS
PLASTIC						
11469	1649 SF	FRP - WHITE		GC	GC	
TILE						
20227	241 SF	TILE - I COCCI - CEMENTO - 6X24IN 150X600MM		SB	GC	GROUT: MAPEI - 47 CHARCOAL, OR EQUAL
X9202	480 SF	TILE - GEO - BEIGE - MATTE - 3X10IN 75X255MM		SB	GC	GROUT MAPEI 106 WALNUT-3/16": VD: FIVE STAR CERAMICS GROUP; CONTACT INFO: CHRISM@FIVESCG.COM
WALLCOVERING						
17854	113 SF	VINYL WALL COVERING - TADAO - STARBUCKS WG11184374		SB	GC	

WALL TREATMENT (LENGTH) SCHEDULE- "R"						
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
TRIM						
X9201	56' - 9 1/2"	QUADEC SCHLUTER JOLLY TRIM; 6MM - FINISH: CREAM	GC	GC	LOCATION: BACKBAR TILE CORNER; SEE DETAIL: 8&9/I-502; GC TO VERIFY LENGTHS	

## LEGEND

	INDICATES PARTIAL HEIGHT - FRP*	Q 11469
	INDICATES BACKBAR WALL TILE*	Q X9202
	INDICATES FULL HEIGHT FRP - WHITE*	Q 11469
	INDICATES RESTROOM WALL TILE**	Q 20227
	INDICATES WALLCOVERING*	Q 17854
	SCHLUTER TRIM - QUADEC	R X9201
	INDICATES HOT ROLLED STEEL CORNER GUARD FOR BOH. INSTALL 6" (150mm) TO 42" (1065mm) A.F.F. UNLESS OTHERWISE NOTED.	C 10829
* SEE INTERIOR FINISH ELEVATIONS FOR TAGGED LOCATION OF WALL FINISH MATERIAL.		
** SEE RESTROOM PLAN & ELEVATIONS FOR TAGGED LOCATION OF WALL FINISH MATERIAL.		

## RESPONSIBILITY LEGEND

FURN. BY	INST. BY
SB - FURNISHED BY STARBUCKS	GC - INSTALLED BY GENERAL CONTRACTOR
GC - FURNISHED BY GENERAL CONTRACTOR	SB - INSTALLED BY STARBUCKS
VD - FURNISHED BY VENDOR	VD - INSTALLED BY VENDOR

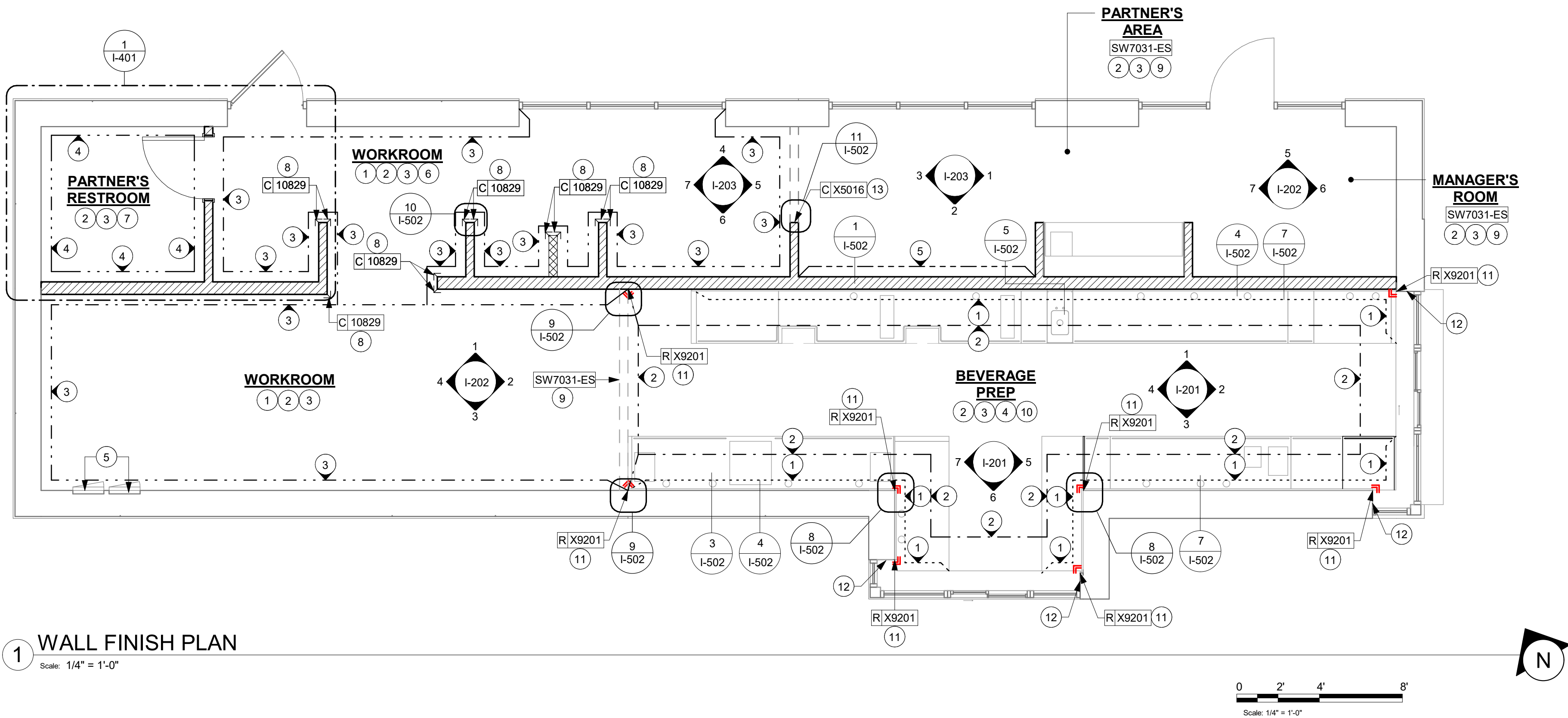
**NOTE:** ALL RESPONSIBILITIES TO BE CONFIRMED WITH STARBUCKS CONSTRUCTION MANAGER PRIOR TO ORDERING / CONSTRUCTION.

## GENERAL NOTES

- WORKROOM TO BE FINISHED PER LOCAL CODE REQUIREMENTS.
- GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.
- 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.
- CHANGE PAINT COLOR ONLY AT INSIDE CORNERS UNLESS OTHERWISE INDICATED.
- PANT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS' NATIONAL ACCOUNT "COLOR CODE" WHEN ORDERING PAINTS.
- PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE:
  - WOODS AND METAL SURFACES SHALL BE SEMI-GLOSS OR EQUAL.
  - ACCENT AND TRIM PAINTS TO BE SEMI-GLOSS OR EQUAL. WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
  - PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.
- ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETRY) SHALL BE SEALED.
- REFER TO CASEWORK FINISH SCHEDULE FOR CASEWORK FINISH MATERIAL INFORMATION.
- REFER TO INTERIOR FINISH ELEVATIONS FOR ARTWORK/ GRAPHICS LOCATIONS.
- REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.
- ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.
- INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.

## KEYED NOTES

- INSTALL FULL HEIGHT FRP AT WORKROOM WALLS AS INDICATED.
- PROVIDE FIRE TREATED BLOCKING AS REQUIRED TO SUPPORT WALL ATTACHMENTS (SEE BUILDING FLOOR PLAN ON SHEET A-101 FOR MORE INFORMATION).
- REFER TO SHEET I-502 FOR WALL FINISH DETAILS.
- FRP BENEATH ENGINE AREA AT EXPOSED WALLS EXTEND FROM TOP OF WALL BASE TO UNDERSIDE OF COUNTERTOP.
- EXISTING RECESSED ELECTRICAL PANELS.
- MOP SINK. FULL HEIGHT FRP AT ENCLOSURE (SEE PLUMBING PLANS FOR MORE INFORMATION).
- INSTALL WALL TILE AT RESTROOMS AS INDICATED.
- INSTALL CORNER GUARD AT OUTSIDE CORNER AS INDICATED. SEE DETAILS: 10/I-502.
- PAINT WALL AS INDICATED ON INTERIOR FINISH ELEVATIONS.
- GC TO INSTALL BACKBAR WALL TILE AS INDICATED ON INTERIOR FINISH ELEVATIONS.
- INSTALL QUADEC SCHLUTER TRIM AT TILE TO TILE OUTSIDE CORNER AS INDICATED. SEE DETAIL: 8&9/I-502.
- BACKBAR TILE TO RETURN TO MULLIONS WITHIN DRIVE-THRU WINDOW OPENING AS INDICATED.
- INSTALL METAL FLAT BAR AT PARTNER AREA HEADER AS INDICATED.



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

FOR CONSTRUCTION



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ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**WALL FINISH PLAN**

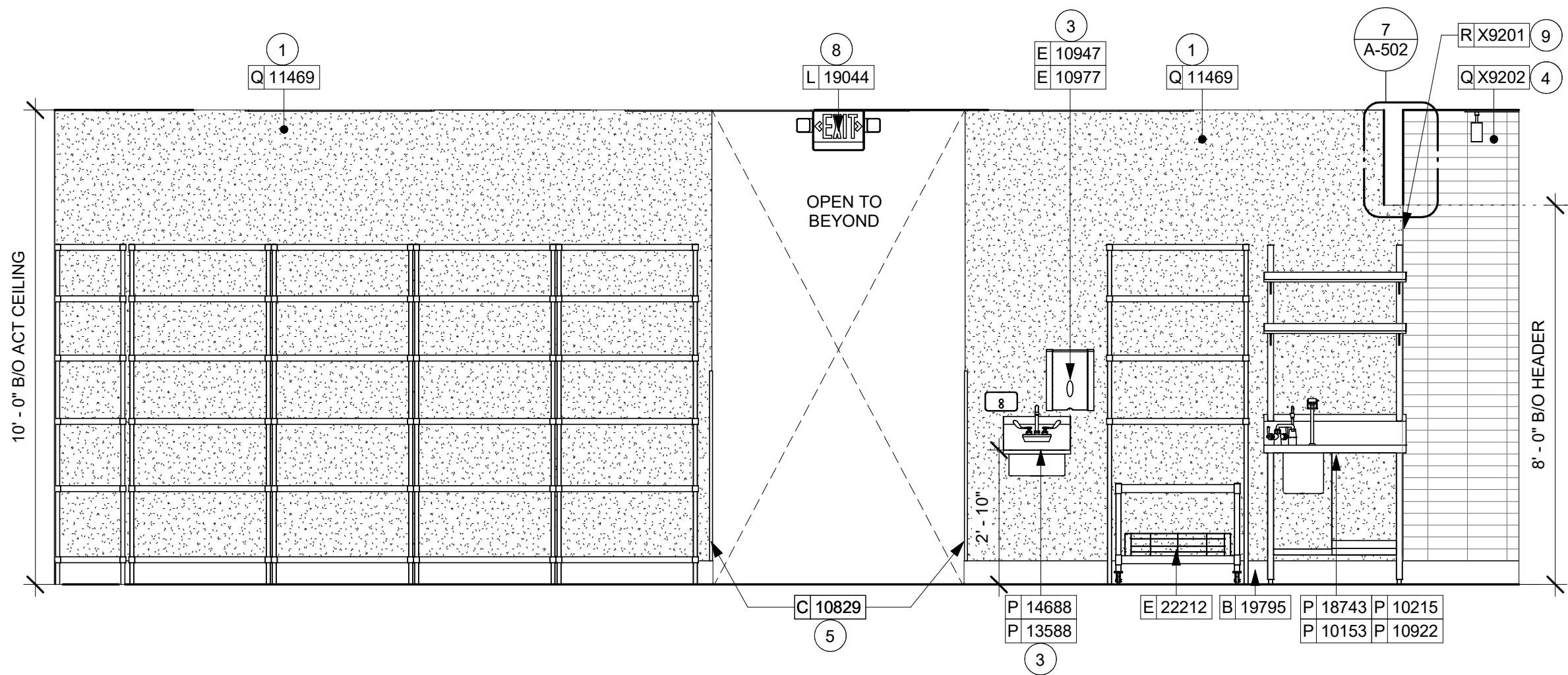
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SHEET NUMBER:  
**I-107**

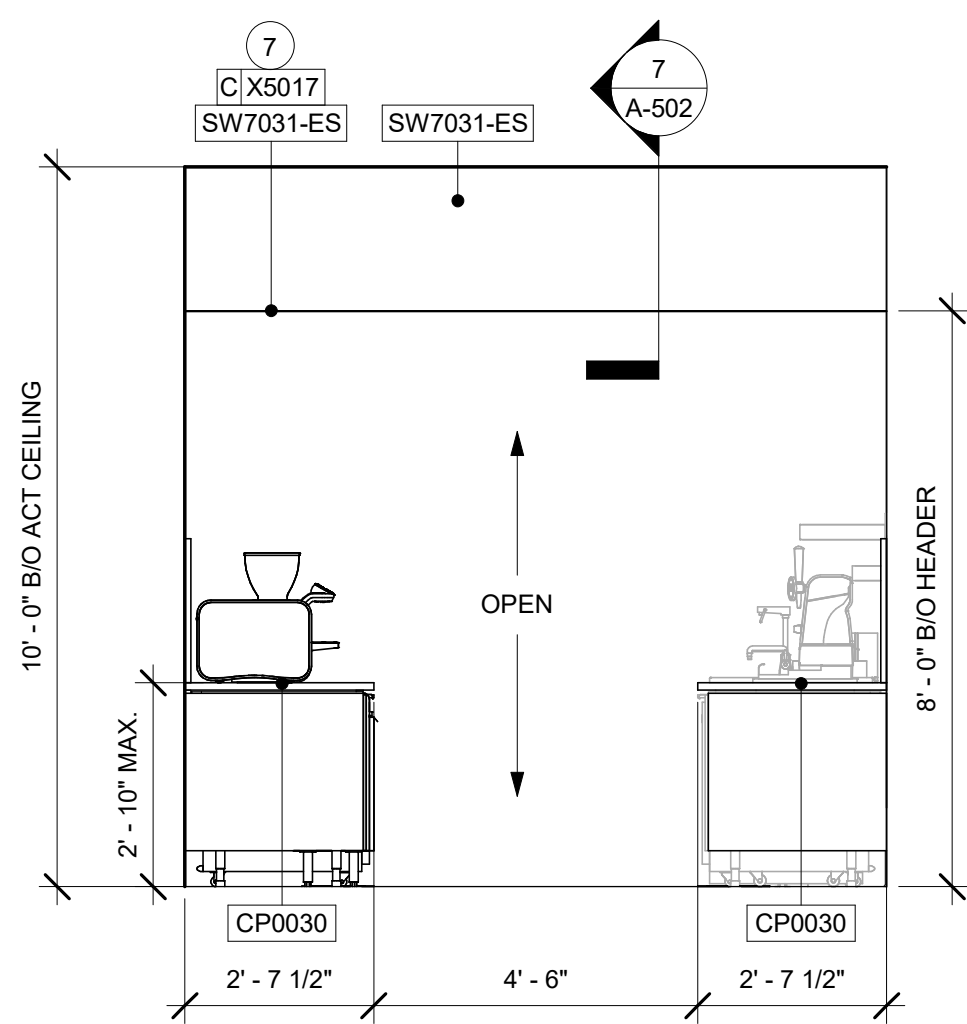




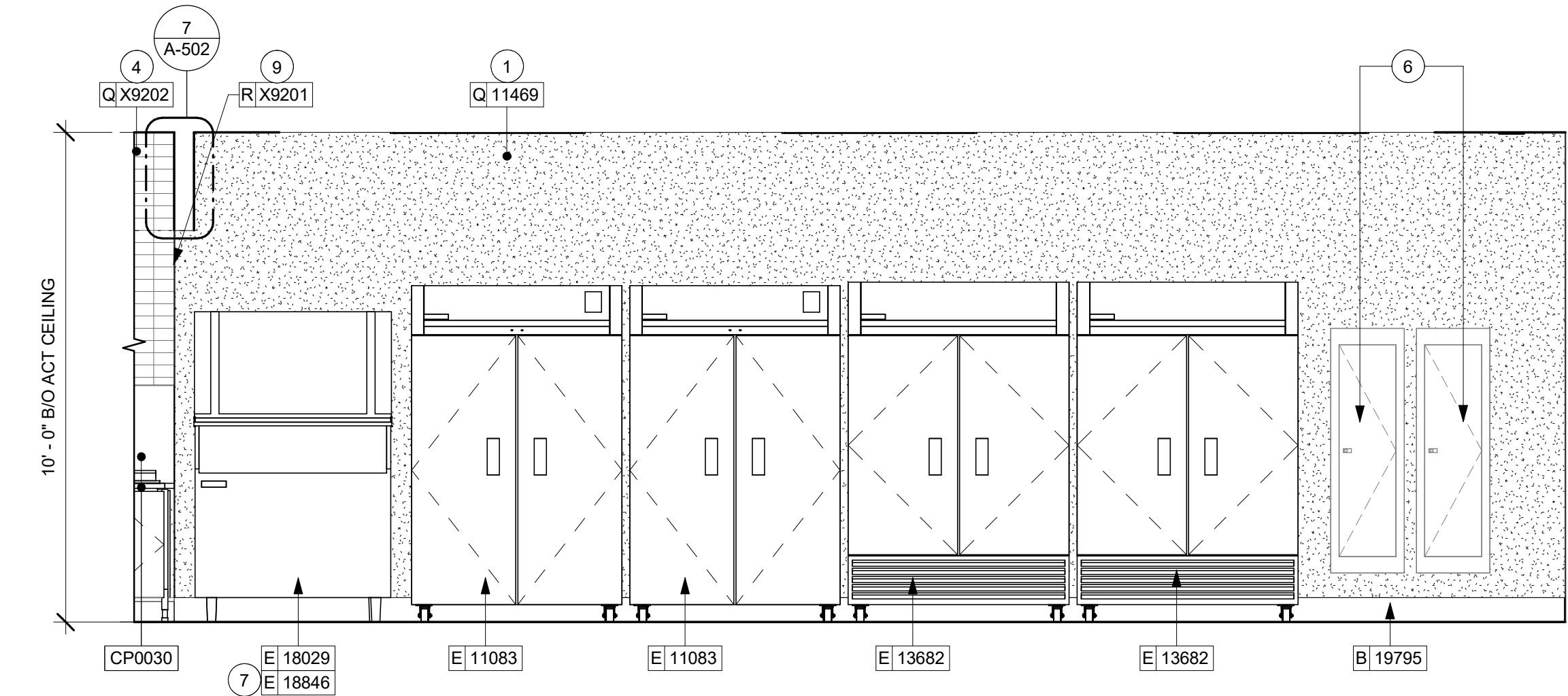




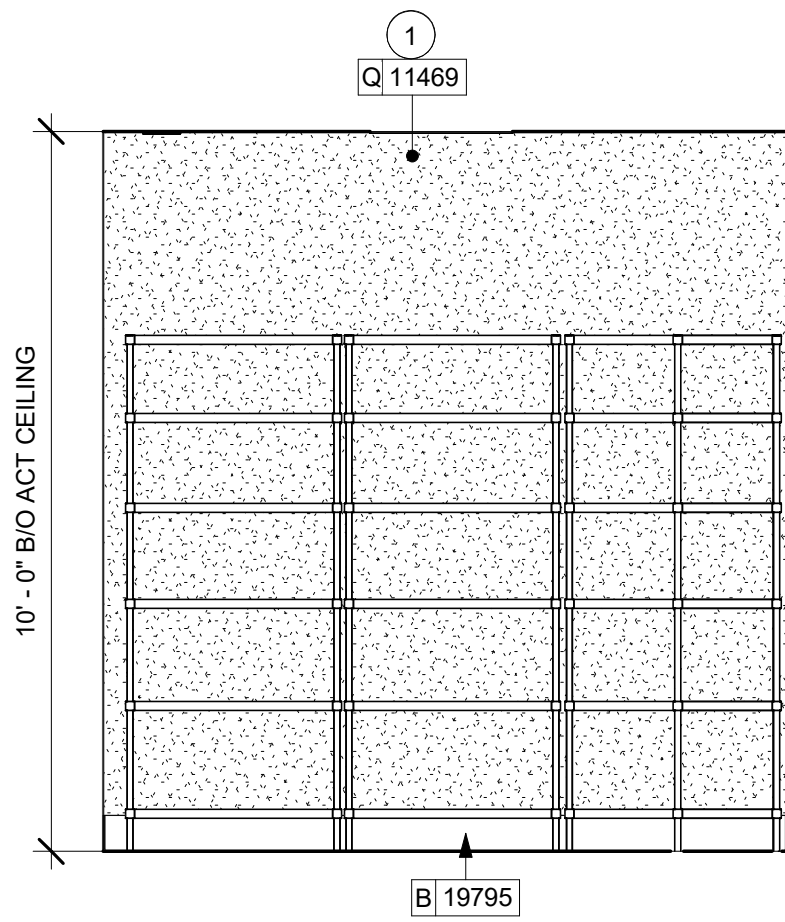
1 HAND SINK  
Scale: 3/8" = 1'-0"



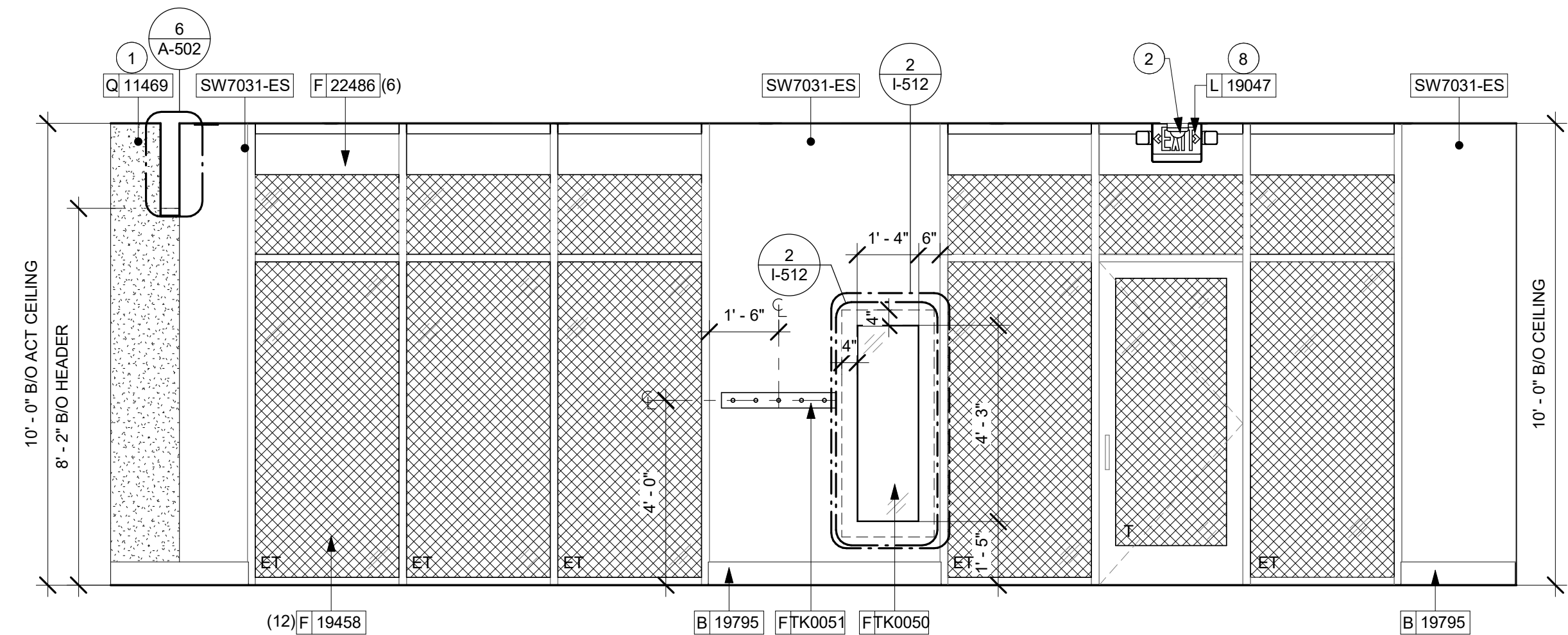
2 WORKROOM - SOUTHEAST  
Scale: 3/8" = 1'-0"



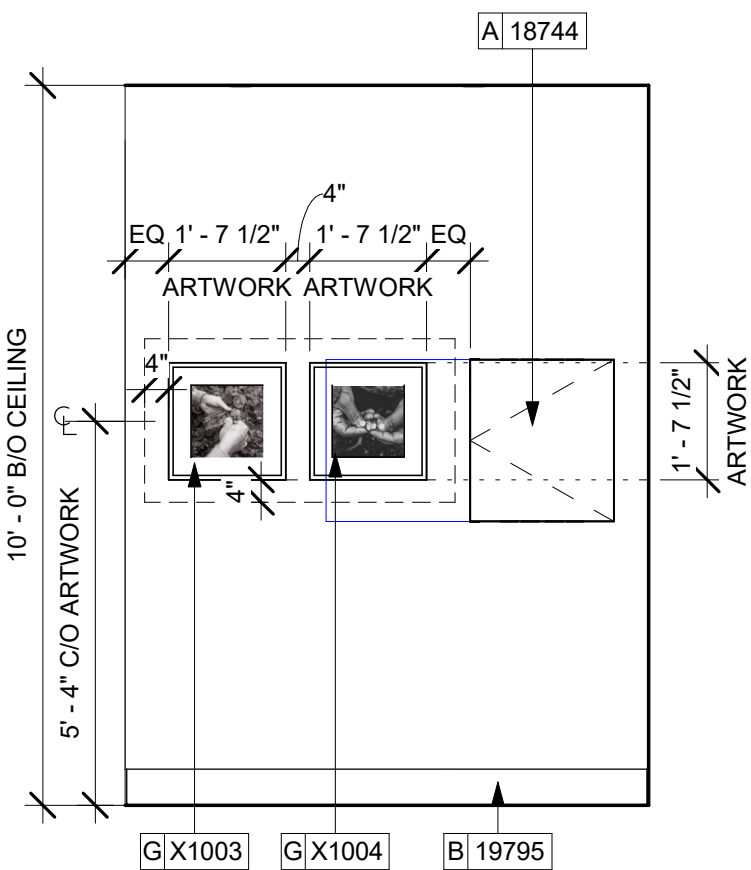
3 ICE - MACHINE  
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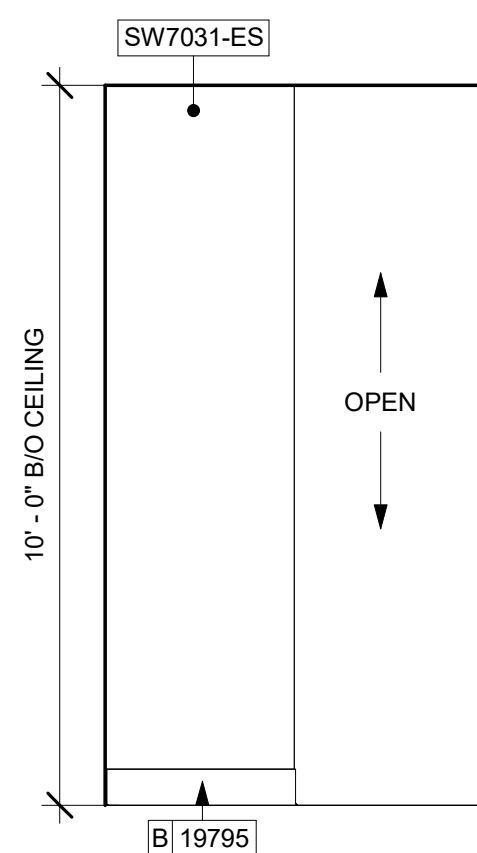
4 SHELVING  
Scale: 3/8" = 1'-0"



5 COAT HOOK  
Scale: 3/8" = 1'-0"



6 MANAGER'S ROOM - SOUTHEAST  
Scale: 3/8" = 1'-0"



7 MANAGER'S ROOM - NORTHWEST  
Scale: 3/8" = 1'-0"



## GENERAL NOTES

- FOR PAINT AND WALL TREATMENT SCHEDULES, REFER TO THE INTERIOR FINISH SHEET. FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES.
- REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.
- PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE:
  - WOODS AND METAL SURFACES SHALL BE SEMI-GLOSS OR EQUAL.
  - ACCENT AND TRIM PAINTS TO BE SEMI-GLOSS OR EQUAL.
  - WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
  - PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.
- 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.

## KEYED NOTES

- INSTALL FULL HEIGHT FRP AT WORKROOM WALL AS INDICATED.
- INSTALL CEILING MOUNTED SECURITY CAMERA AS INDICATED.
- WALL MOUNT HAND SINK WITH SOAP AND PAPER TOWEL DISPENSER. GC TO PROVIDE BLOCKING FOR FASTENERS. SEE DETAIL ON SHEET 6/I-502.
- GC TO INSTALL BACKBAR WALL TILE AS INDICATED. SEE DETAIL ON SHEET 6/I-502.
- INSTALL CORNER GUARD AT OUTSIDE CORNER AS INDICATED. SEE DETAILS: 10/I-502.
- RECESSED ELECTRICAL PANELS (SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION).
- ICE MACHINE (SEE PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION).
- LOCATION OF ALL EXIT/ EMERGENCY LIGHTS FOR REFERENCE ONLY. GC TO VERIFY WITH LOCAL FIRE MARSHAL PRIOR TO INSTALLATION.
- INSTALL QUADEC SCHLUTER TRIM AT TILE TO TILE OUTSIDE CORNER AS INDICATED. SEE DETAIL: 8&9/I-502.

## 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



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Timothy L. Raberding, PE  
Professional Engineer  
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FOR CONSTRUCTION

PROJECT NAME:  
**US 17-92 & LAKE MARY BLVD**

PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 23773**

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

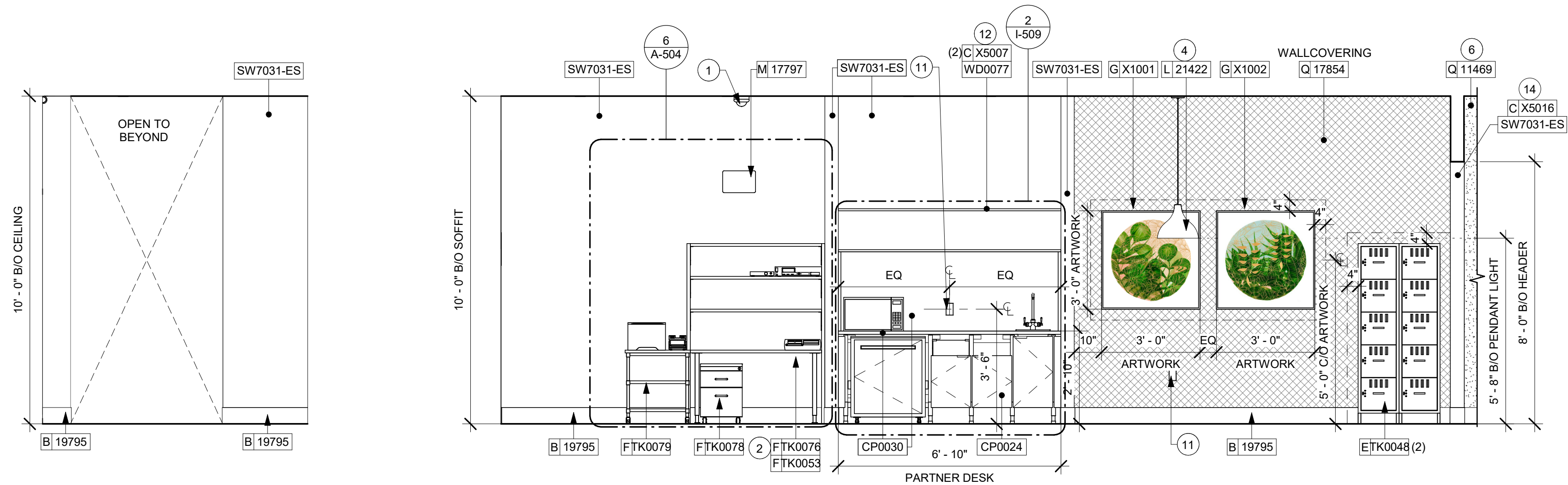
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**INTERIOR FINISH ELEVATIONS**

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

SHEET NUMBER:

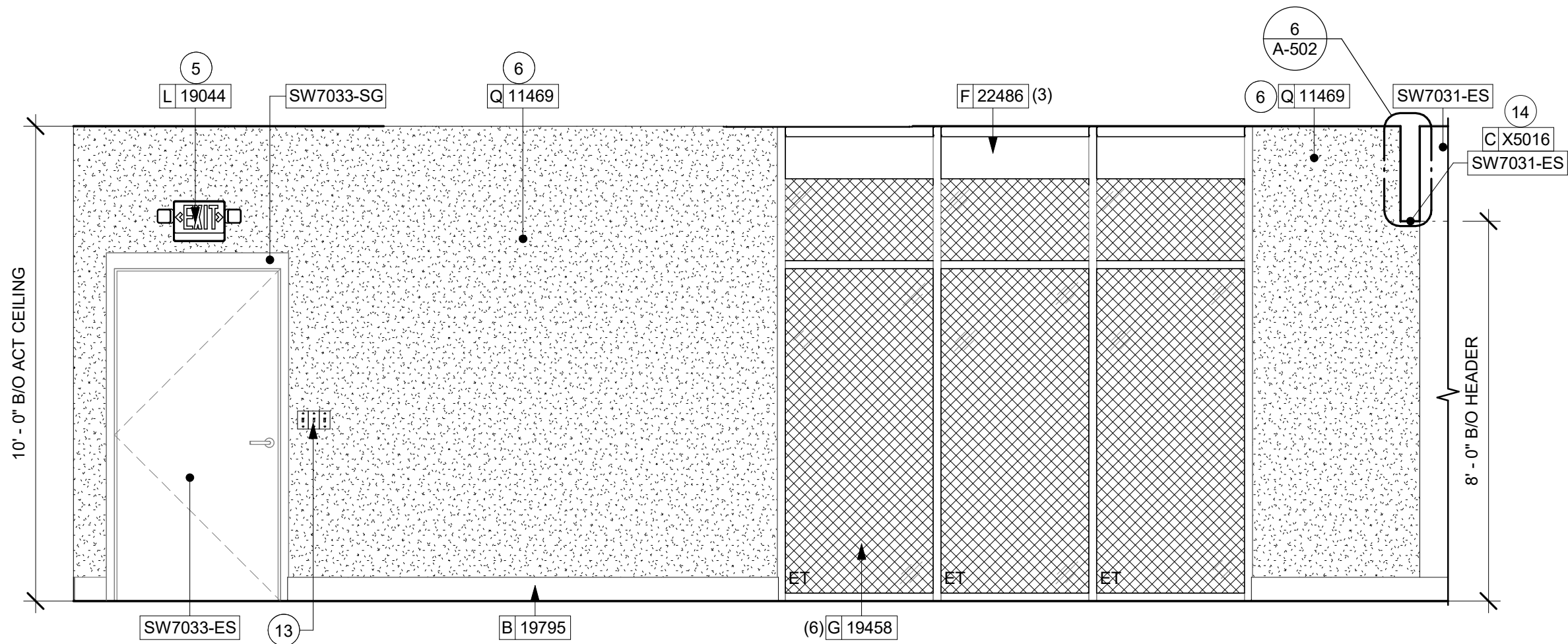
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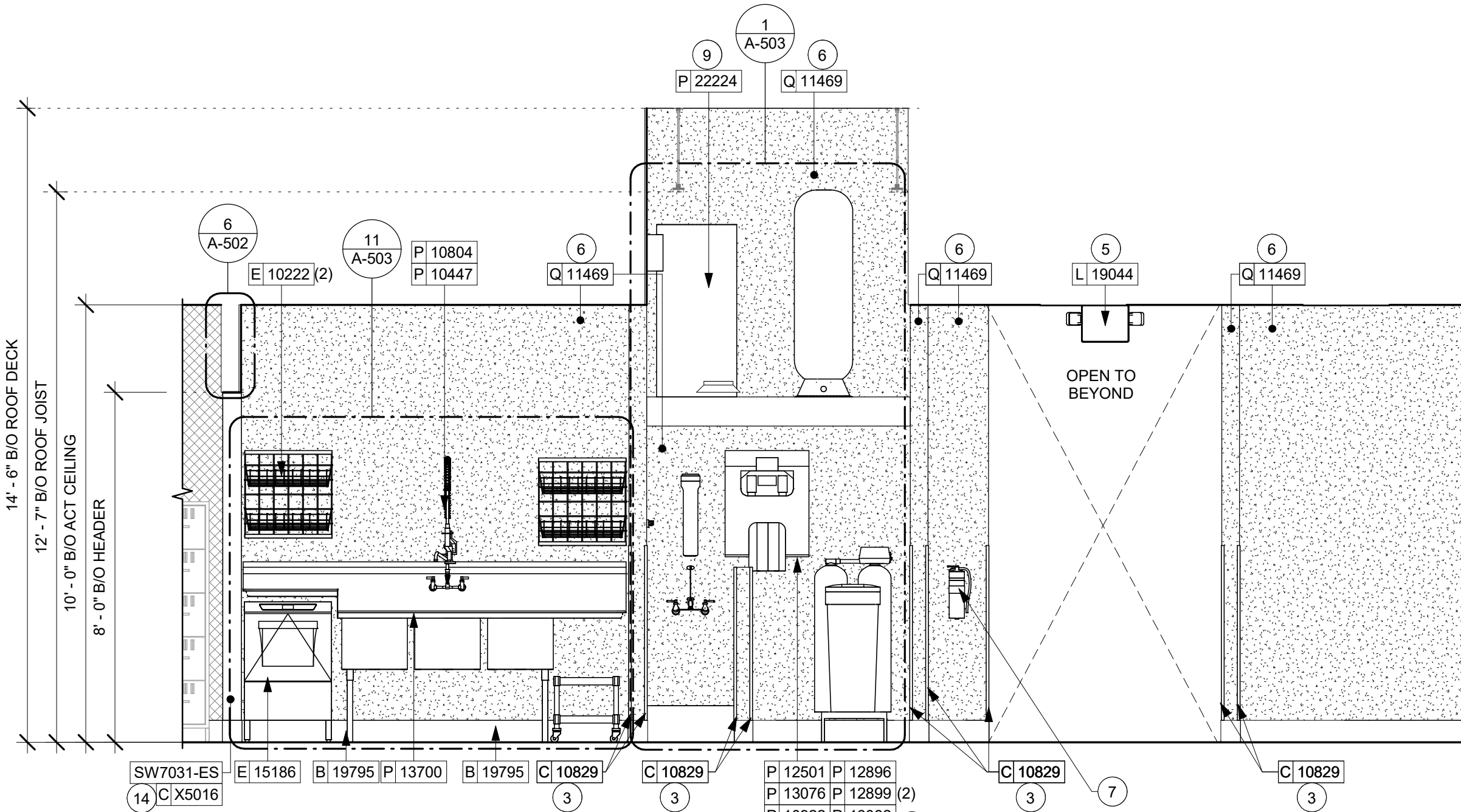
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2 MANAGER'S DESK  
Scale: 3/8" = 1'-0"

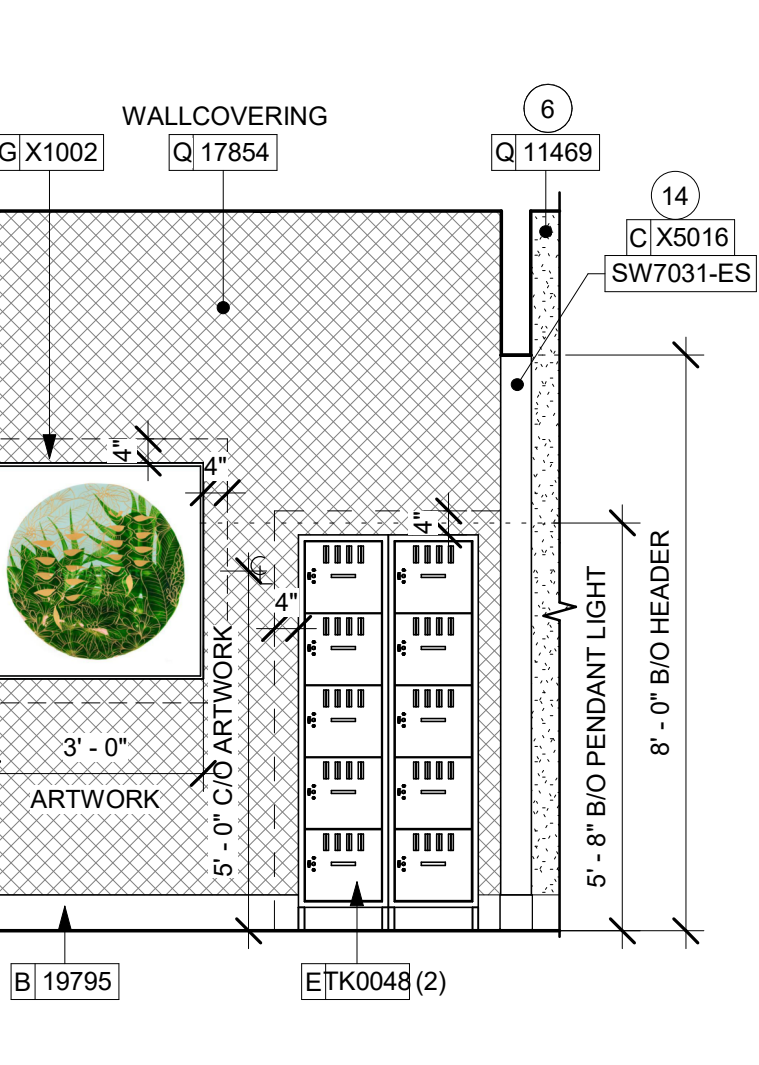


4 WORKROOM - NORTHEAST  
Scale: 3/8" = 1'-0"

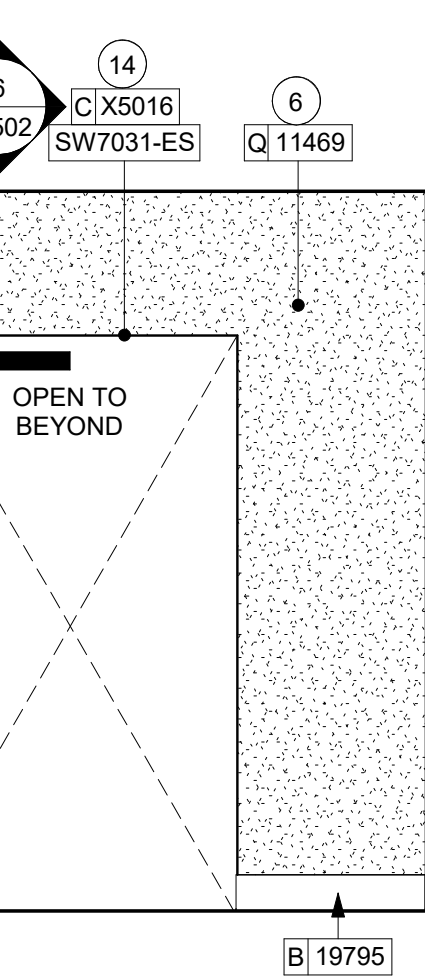
5 PARTNER'S ROOM ENTRANCE  
Scale: 3/8" = 1'-0"



6 WATER FILTRATION SYSTEM  
Scale: 3/8" = 1'-0"



3 PARTNER'S ROOM - NORTHWEST  
Scale: 3/8" = 1'-0"



7 WORKROOM - NORTHWEST  
Scale: 3/8" = 1'-0"





## GENERAL NOTES

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## KEYED NOTES

- INSTALL CEILING MOUNTED SECURITY CAMERA AS INDICATED.
- MANAGER'S DESK (SEE ENLARGED DETAILS).
- INSTALL CORNER GUARD AT OUTSIDE CORNER AS INDICATED. SEE DETAILS: 10/I-502.
- INSTALL PENDANT LIGHT AS INDICATED.
- LOCATION OF ALL EXIT/ EMERGENCY LIGHTS FOR REFERENCE ONLY. GC TO VERIFY WITH LOCAL FIRE MARSHAL PRIOR TO INSTALLATION.
- INSTALL FULL HEIGHT FRP AT WORKROOM WALL AS INDICATED.
- PLACE FIRE EXTINGUISHER IN WORKROOM AS PER FIRE INSPECTOR.
- WATER FILTRATION EQUIPMENT (SEE PLUMBING DRAWINGS).
- WATER HEATER (SEE PLUMBING DRAWINGS).
- INSTALL RESTROOM SIGNAGE AS INDICATED.
- GC TO PROVIDE COVER PLATES TO MATCH ADJACENT FINISH THROUGHOUT.
- INSTALL CUSTOM WOOD SHELF AS INDICATED.
- LOCATION OF ALL SWITCHING.
- INSTALL METAL FLAT BAR AT PARTNER AREA HEADER AS INDICATED.

## 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



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Professional Engineer  
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FOR CONSTRUCTION

PROJECT NAME:  
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PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 32773**

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**INTERIOR FINISH ELEVATIONS**  
SCALE: 3/8" = 1'-0"

SHEET NUMBER:  
**I-203**



8/3/2023 12:31:16 PM C:\Users\kailey.jennings\Documents\98504-001\_TBD\_US 17-92 & Lake Mary Blvd, FL\_2021\_kailey.jennings.rvt



1 VIEW TOWARDS DT WINDOW

NOTE: 3D VIEWS ARE FOR REFERENCE ONLY. REFER TO DETAIL SHEETS FOR CONSTRUCTION.



2 VIEW TOWARDS 3-COMP SINK

NOTE: 3D VIEWS ARE FOR REFERENCE ONLY. REFER TO DETAIL SHEETS FOR CONSTRUCTION.



3 VIEW TOWARDS WALK-UP WINDOW

NOTE: 3D VIEWS ARE FOR REFERENCE ONLY. REFER TO DETAIL SHEETS FOR CONSTRUCTION.



4 VIEW TOPWARDS PARTNER'S SEATING

NOTE: 3D VIEWS ARE FOR REFERENCE ONLY. REFER TO DETAIL SHEETS FOR CONSTRUCTION.



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Rev	Date	By	Description

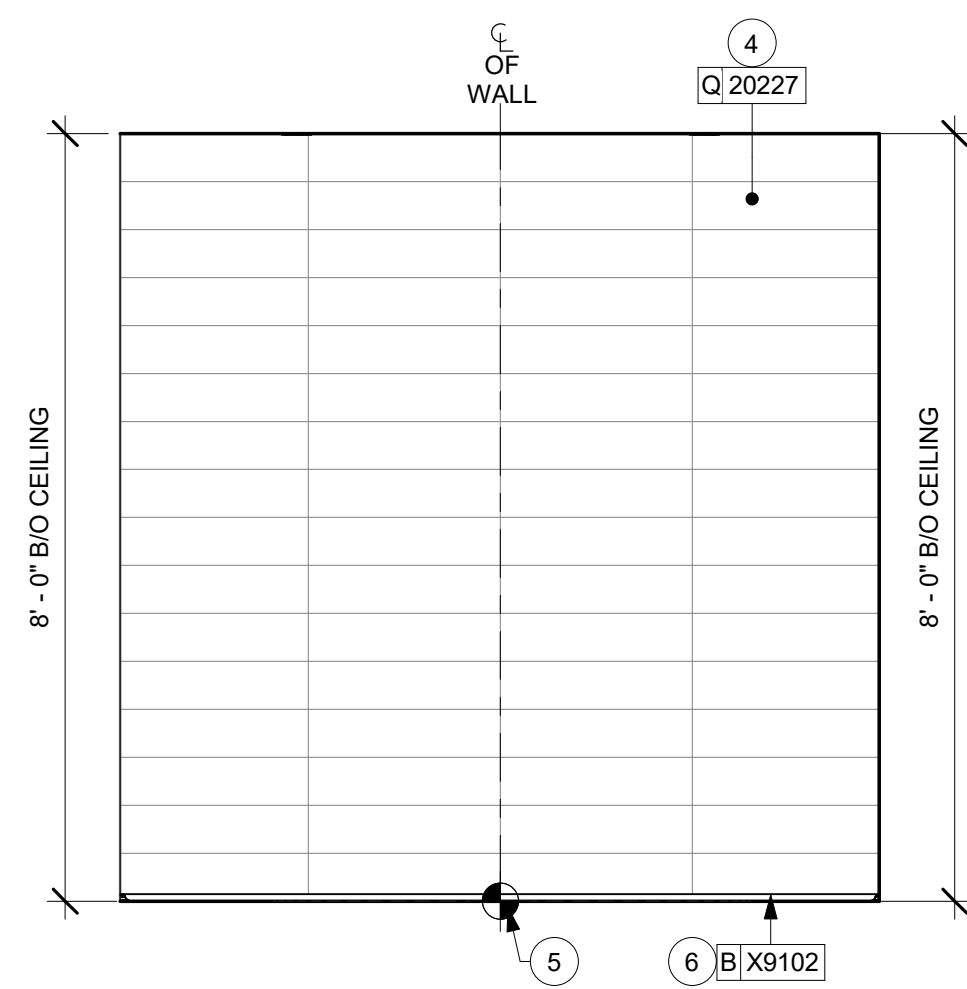
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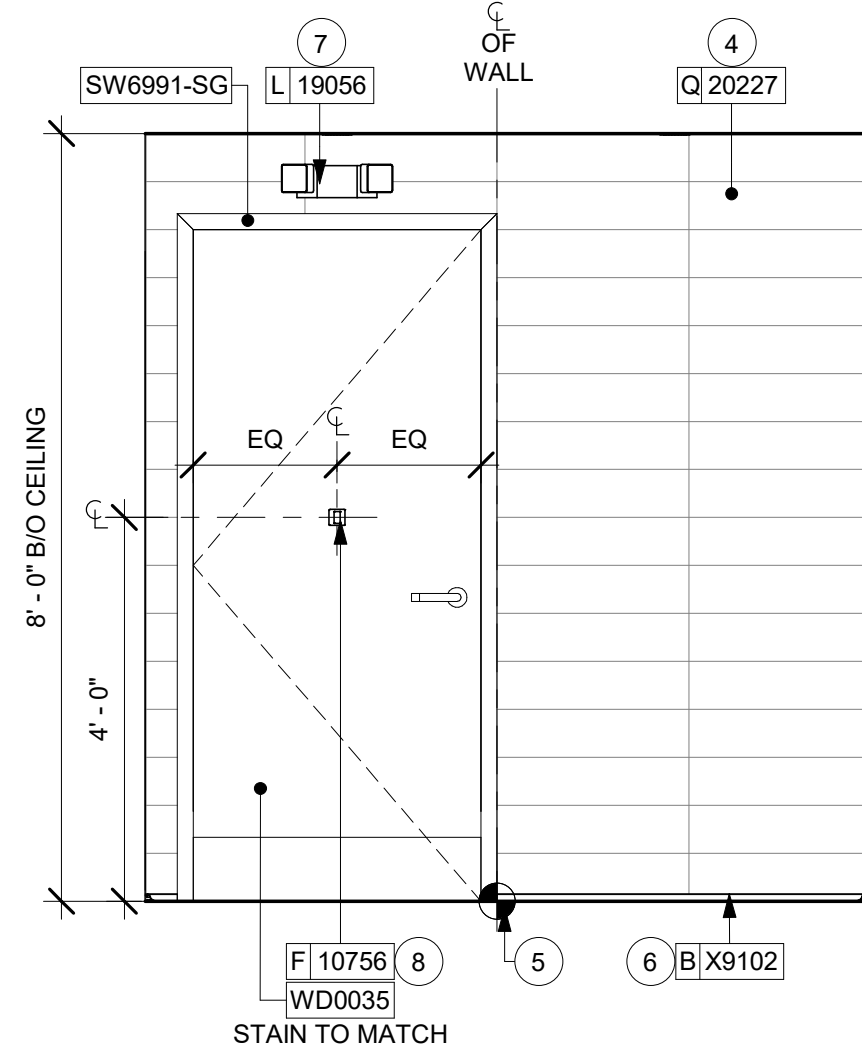
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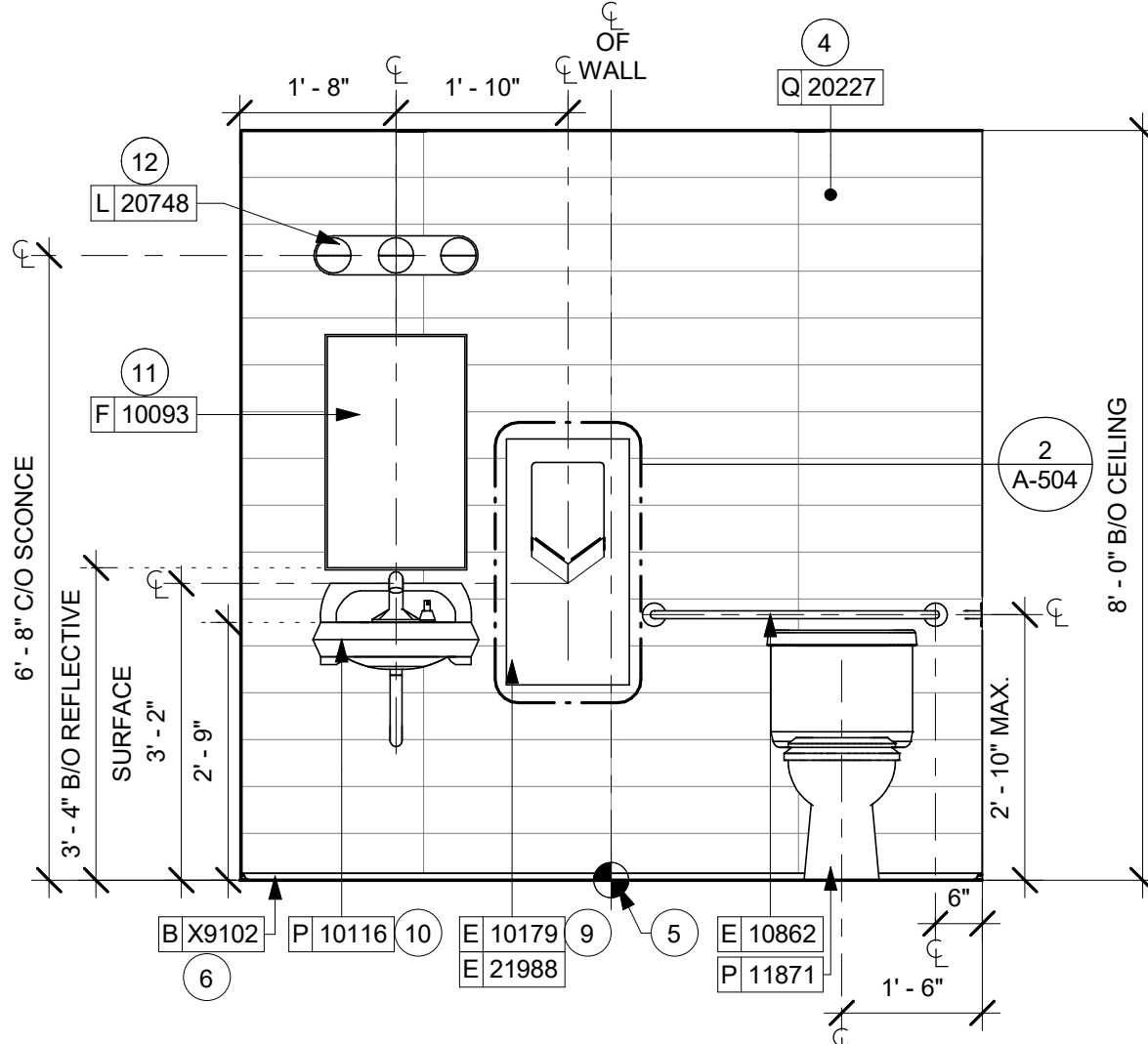




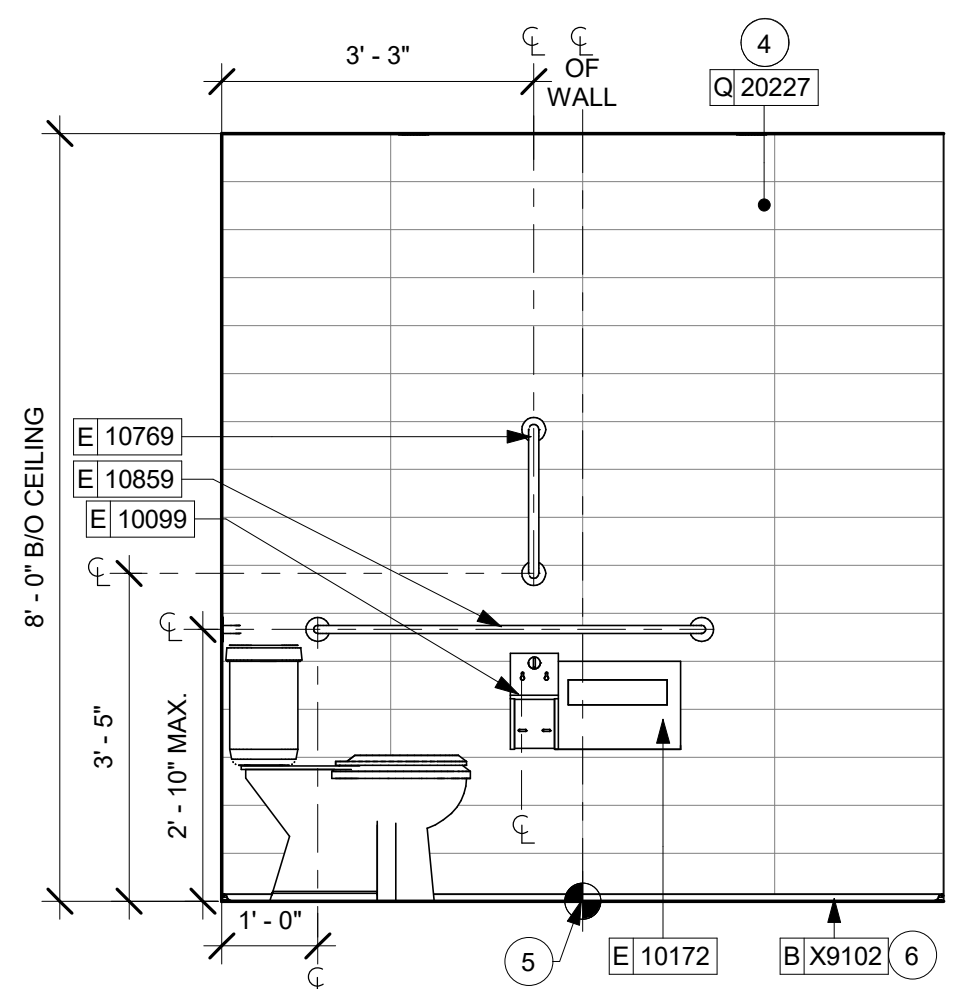
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Scale: 1/2" = 1'-0"



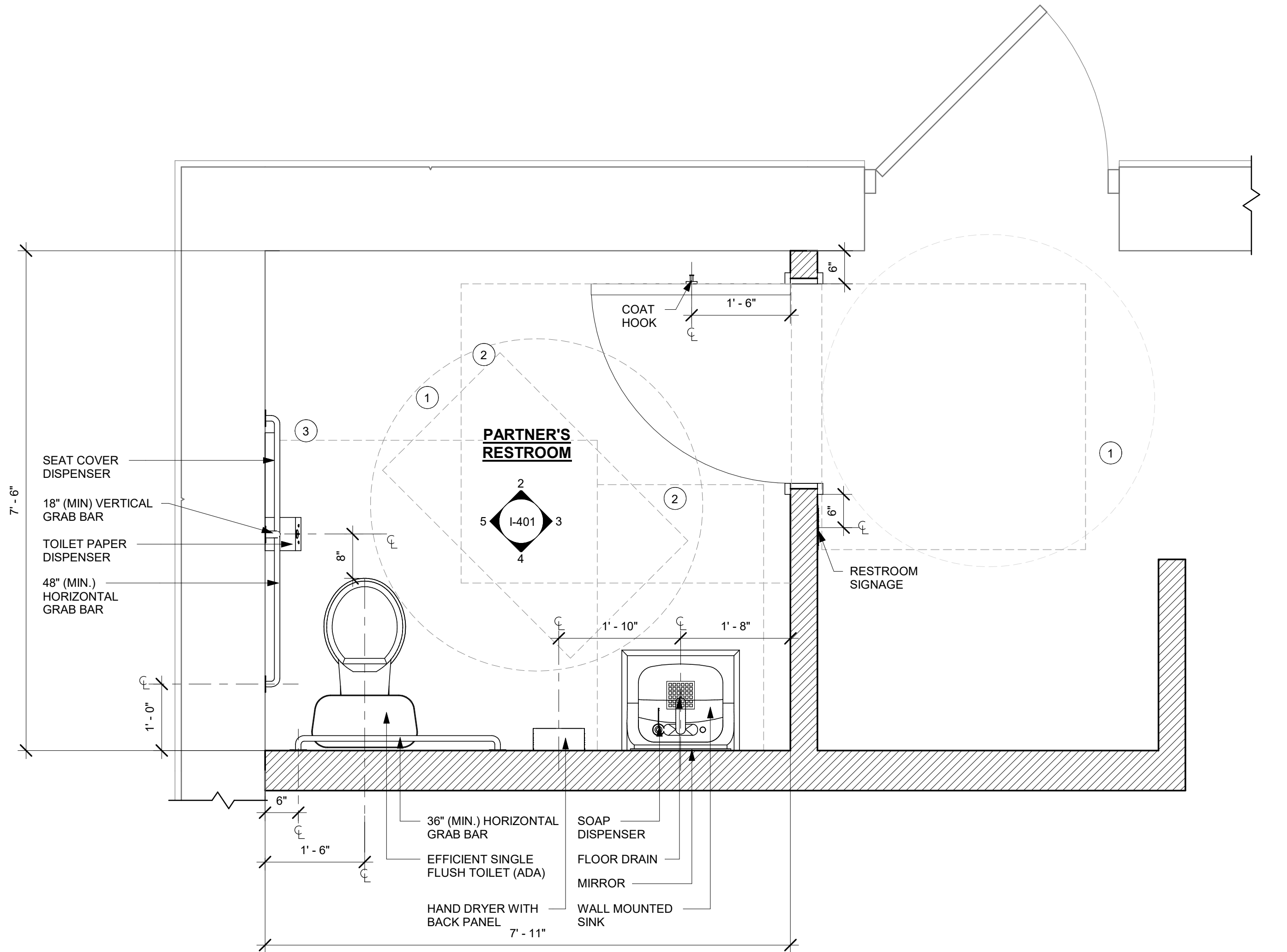
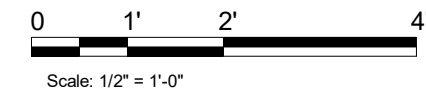
3 PARTNER'S RR - SOUTHEAST  
Scale: 1/2" = 1'-0"



4 PARTNER'S RR - SOUTHWEST  
Scale: 1/2" = 1'-0"



5 PARTNER'S RR - NORTHWEST  
Scale: 1/2" = 1'-0"



1 ENLARGED RESTROOM PLAN  
Scale: 3/4" = 1'-0"

## GENERAL NOTES

- GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- ALL DIMENSIONS ARE TO BE TAKEN FROM A DESIGNATED DATUM POINT.
- DIMENSIONS ARE TO FACE OF FINISHED SURFACE UNLESS OTHERWISE NOTED.
- ALL RESTROOM ACCESSORY MOUNTING HEIGHTS AND CLEARANCES SHALL COMPLY WITH THE ACCESSIBILITY REQUIREMENTS OF THE LOCAL JURISDICTION.

## KEYED NOTES

- 60" (1524mm) ADA TURNING DIAMETER.
- 30" (760mm) X 48" (1200MM) CLEAR FLOOR SPACE.
- 60" (1524mm) X 56" (1422MM) WATER CLOSET CLEAR FLOOR SPACE.
- INSTALL WALL TILE AT RESTROOMS AS INDICATED.
- TILE START POINT WHERE INDICATED.
- INSTALL METAL SCHLUTER DILEX AHK COVE BASE AS INDICATED.
- INSTALL EMERGENCY LIGHT AS INDICATED.
- INSTALL COAT HOOK. MOUNT AT CENTERLINE OF DOOR.
- INSTALL HAND DRYER WITH BACK PANEL AS INDICATED.
- WALL MOUNTED LAVATORY SINK INSTALLED WITH INSULATED BOOT AT EXPOSED PIPES.
- CENTER MIRROR OVER LAVATORY SINK. MOUNT AT 40" (1015MM) MAX. TO BOTTOM EDGE OF REFLECTIVE SURFACE.
- CENTER SCNCE LIGHTING OVER MIRROR.



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FOR CONSTRUCTION

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**US 17-92 & LAKE MARY BLVD**

PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 23773**

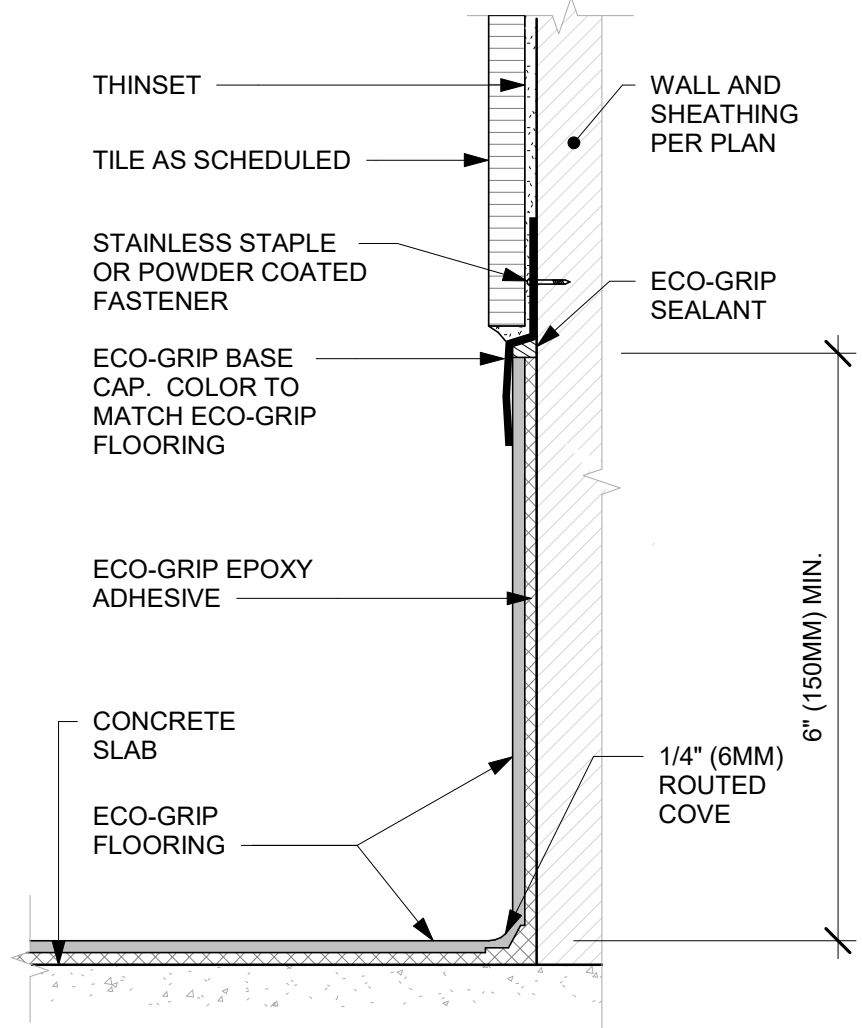
STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

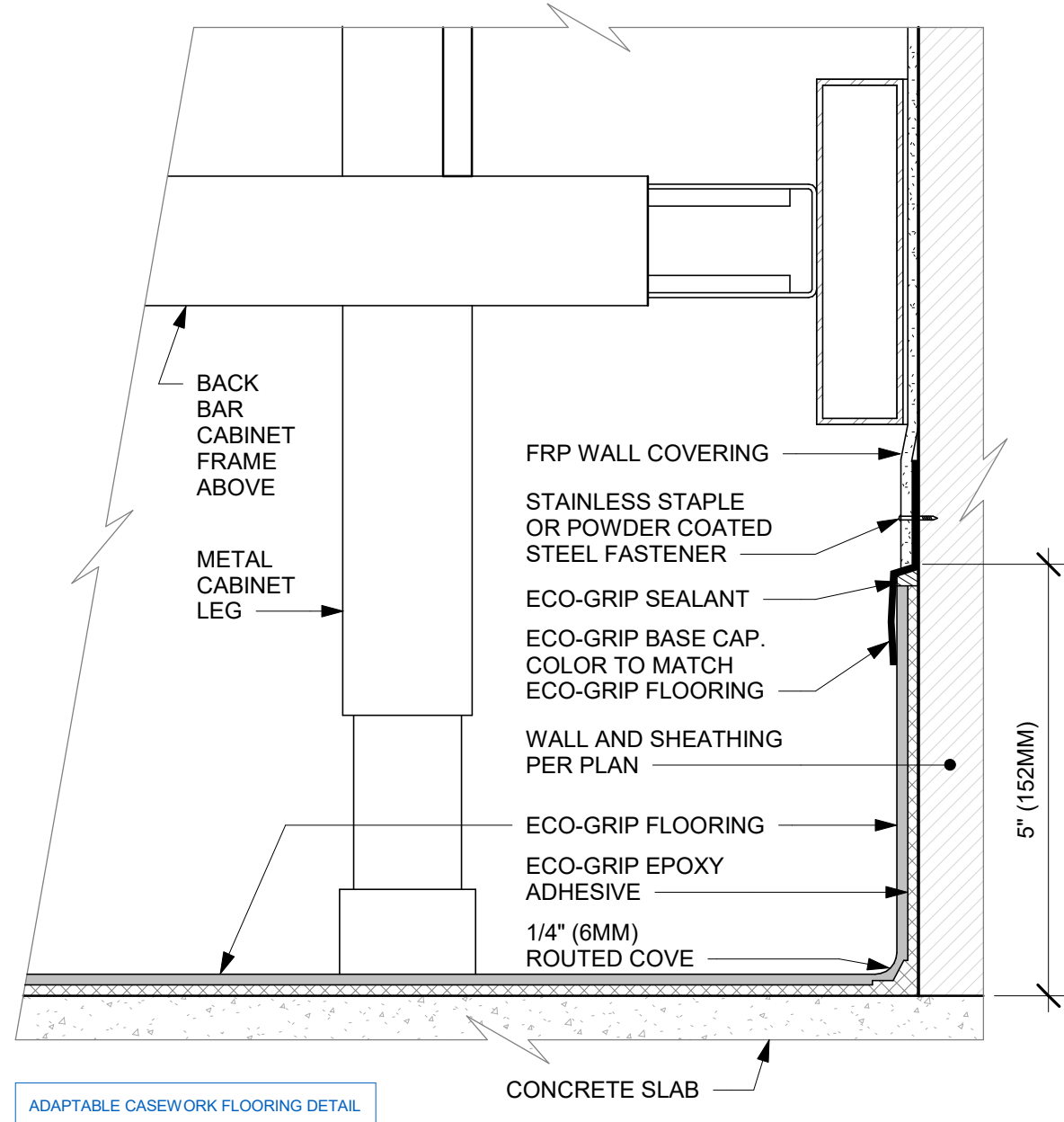
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SCALE: AS SHOWN

SHEET NUMBER:  
**I-401**

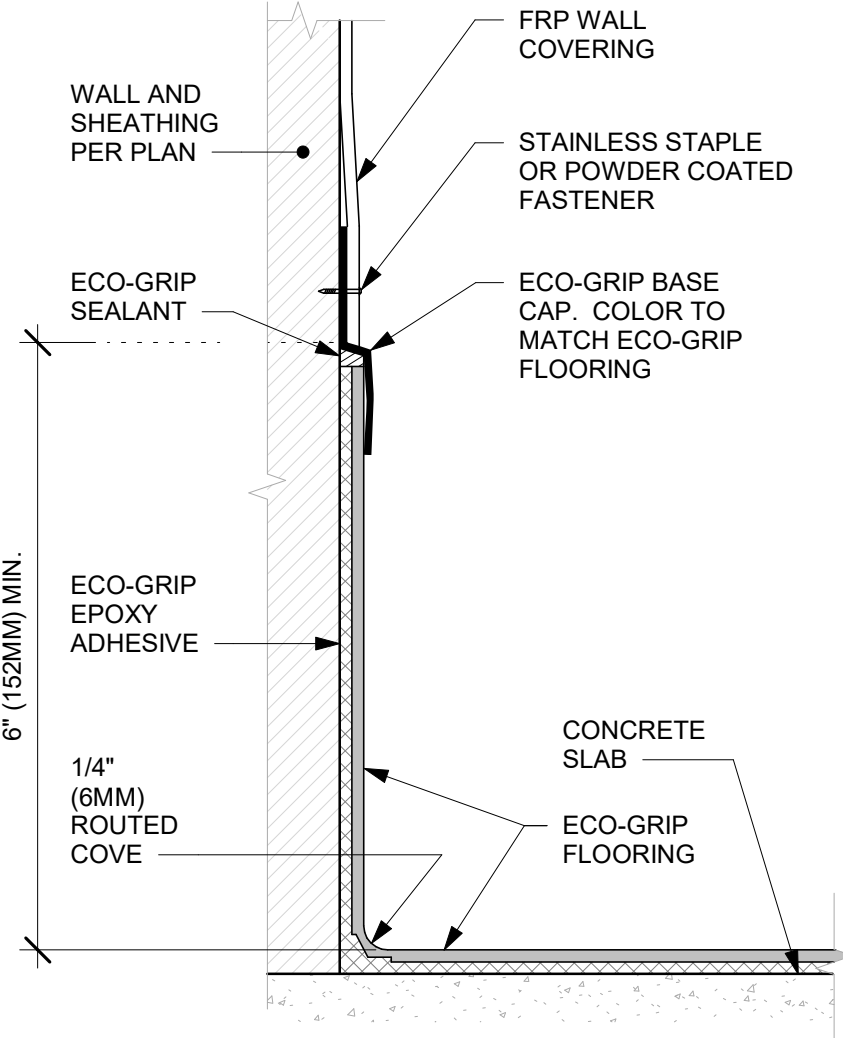




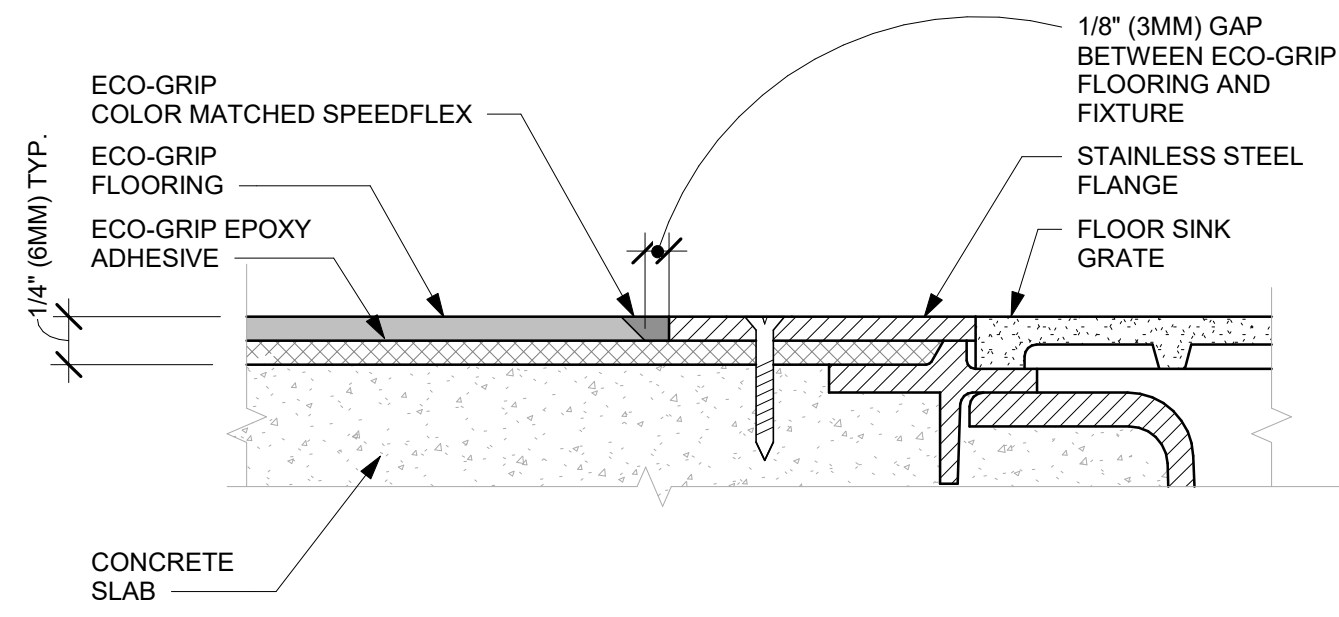
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Scale: 6" = 1'-0"



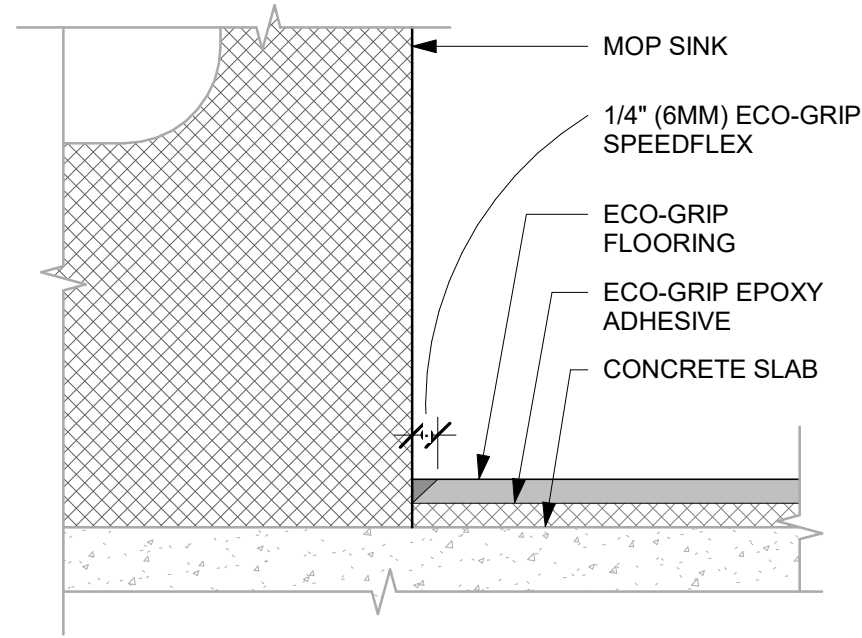
2 ECO-GRIP AC BACK BAR CABINET ON LEGS  
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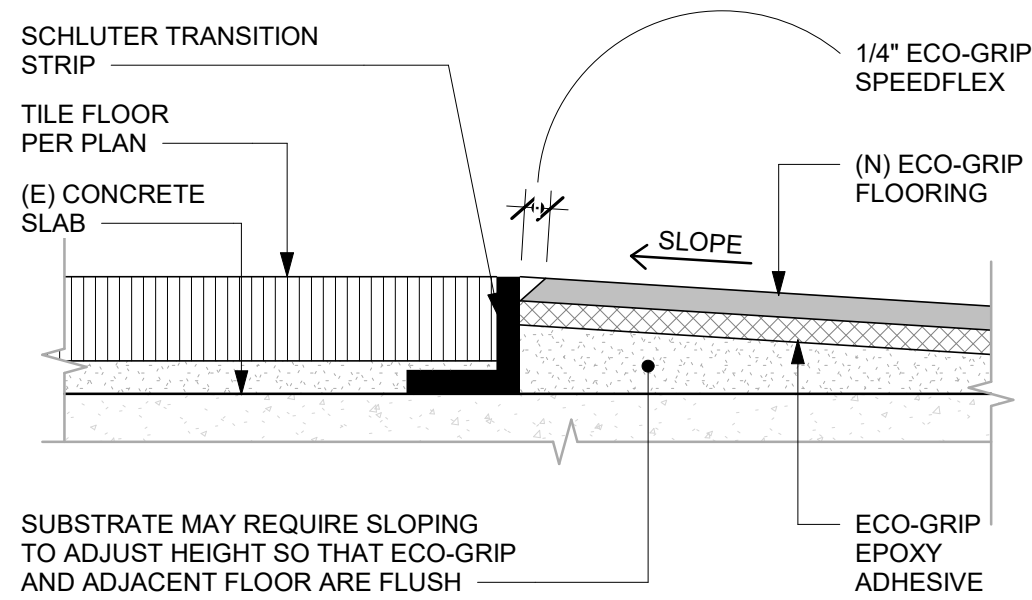
3 ECO-GRIP BASE CAP WITH FRP  
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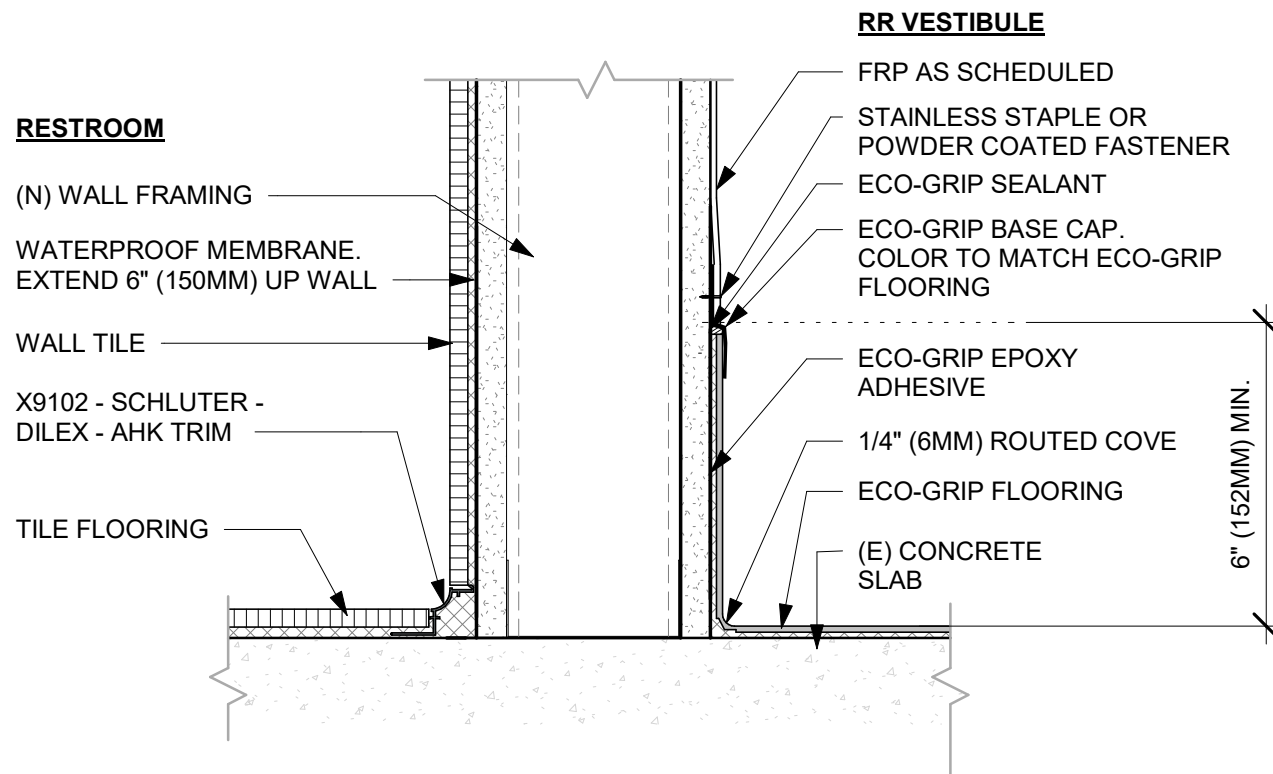
4 ECO-GRIP TO FLOOR SINK TRANSITION  
Scale: 12" = 1'-0"



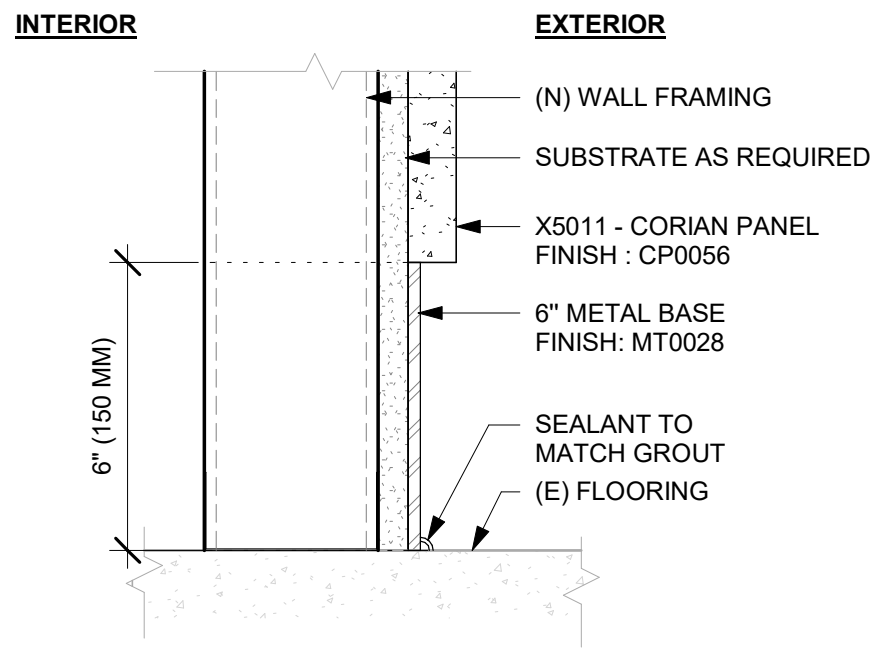
5 ECO-GRIP AT MOP SINK  
Scale: 12" = 1'-0"



6 ECO-GRIP TO TILE TRANSITION  
Scale: 12" = 1'-0"



7 X9102 - SCHLUTER BASE AT RESTROOM WALL  
Scale: 3" = 1'-0"



8 METAL BASE AT CORIAN PANEL  
Scale: 3" = 1'-0"



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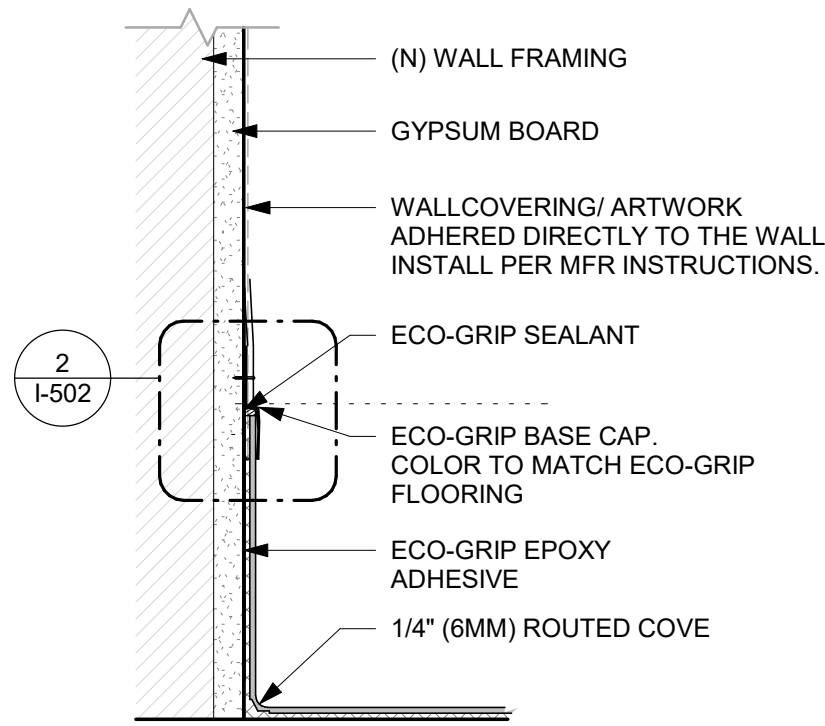
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**FLOOR FINISH DETAILS**

SCALE: AS SHOWN

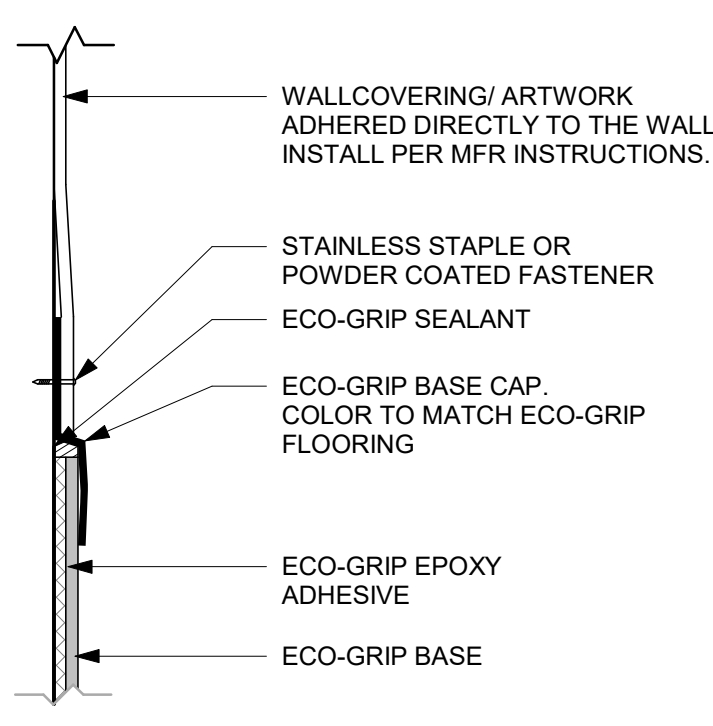
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**I-501**



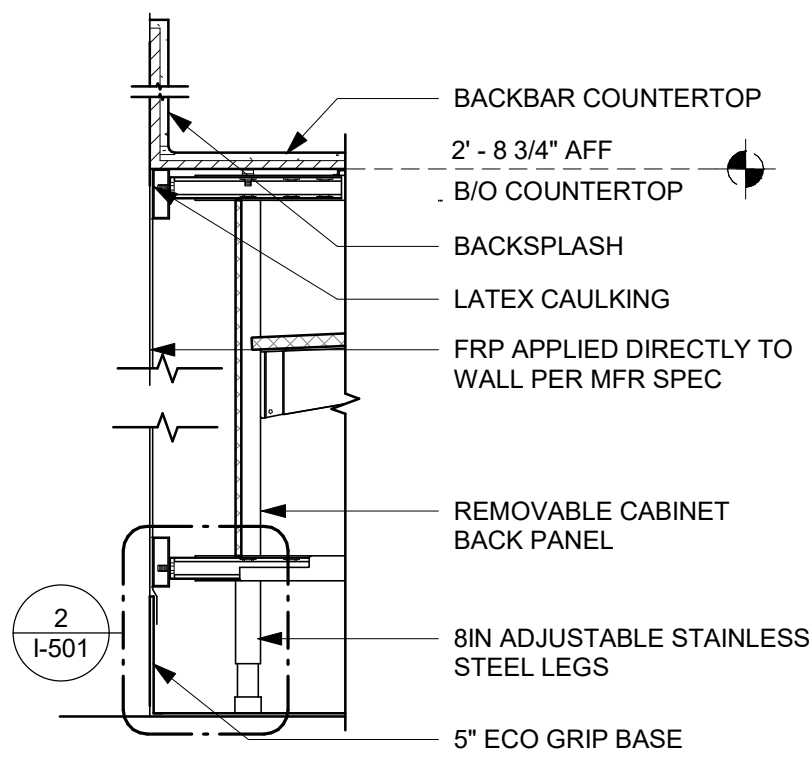
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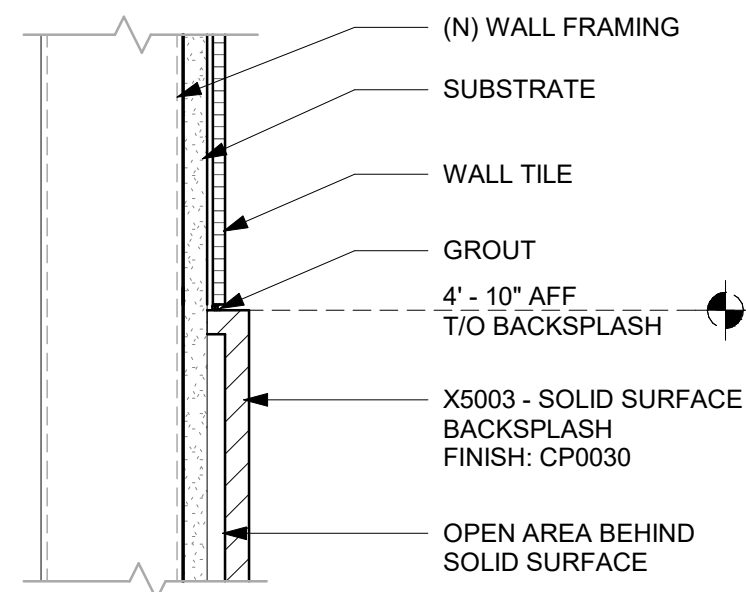
1 VINYL WALLCOVERING  
Scale: 3" = 1'-0"



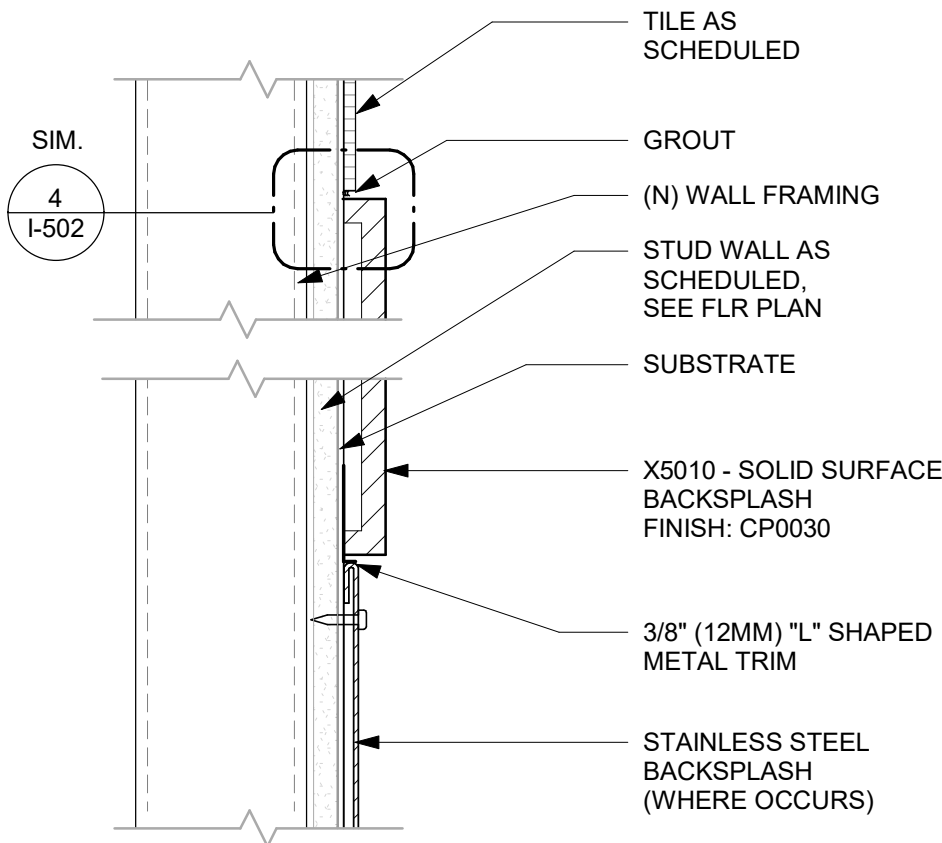
2 VINYL WALLCOVERING AT ECO GRIP BASE  
Scale: 6" = 1'-0"



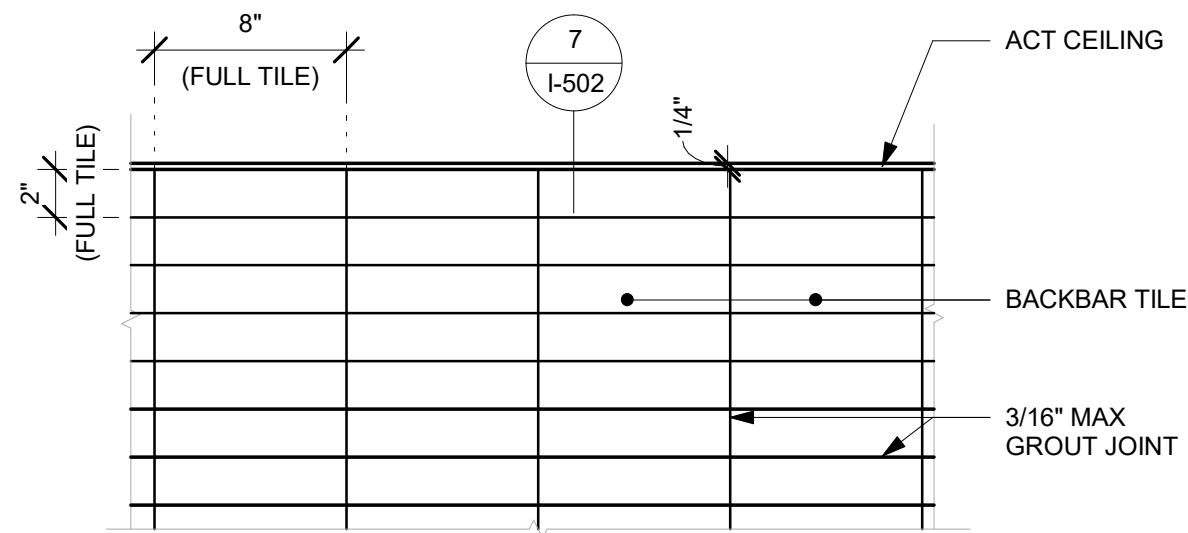
3 FRP AT BACKLINE CABINETS  
Scale: 1 1/2" = 1'-0"



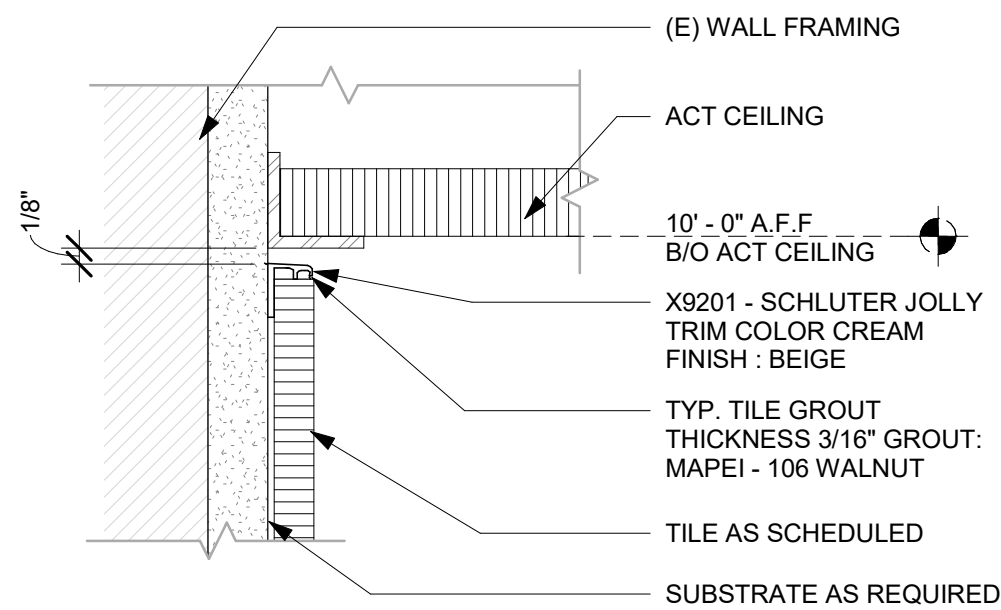
4 WALL TILE ABOVE SS BACKSPLASH  
Scale: 3" = 1'-0"



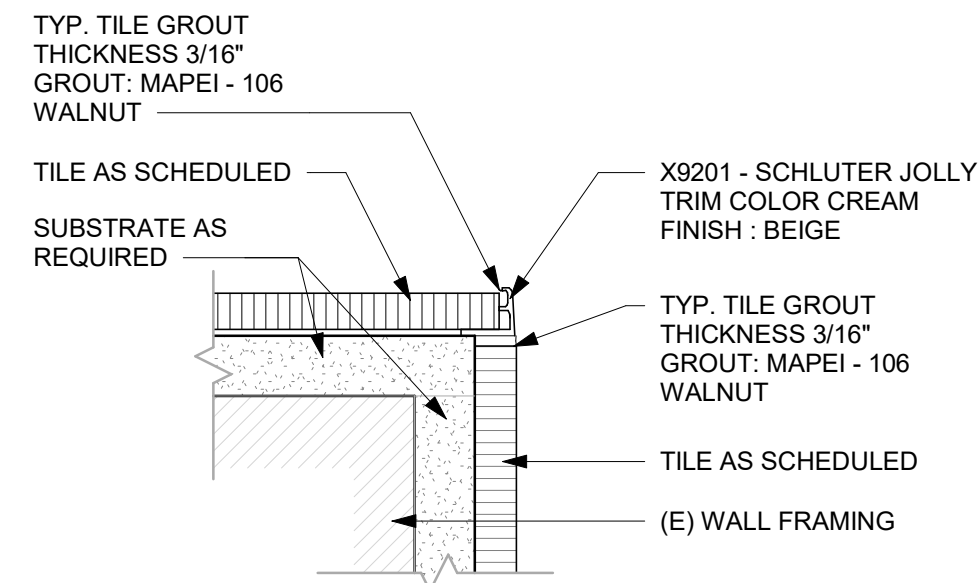
5 CORIAN PANEL ABOVE SST BACKSPLASH  
Scale: 3" = 1'-0"



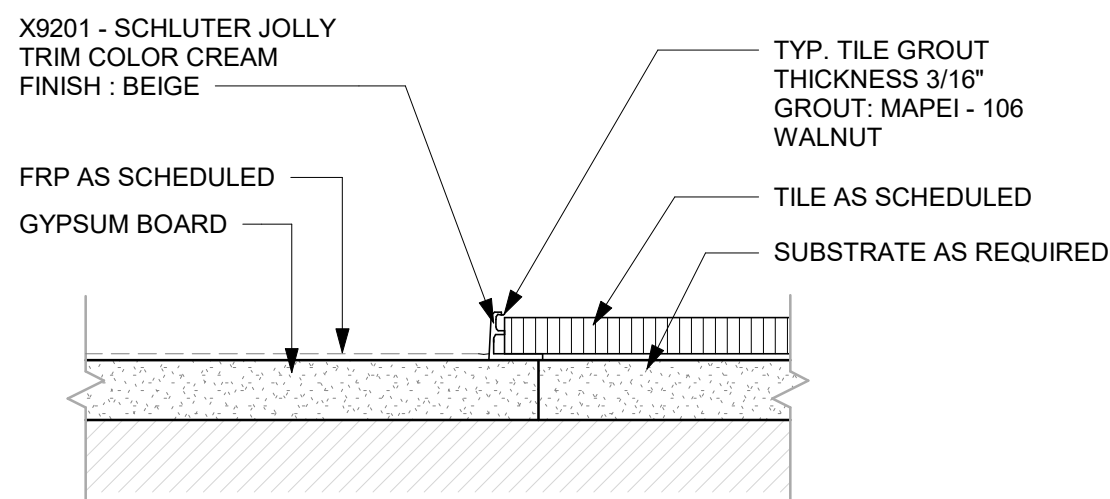
6 BACKBAR WALL TILE PATTERN  
Scale: 1 1/2" = 1'-0"



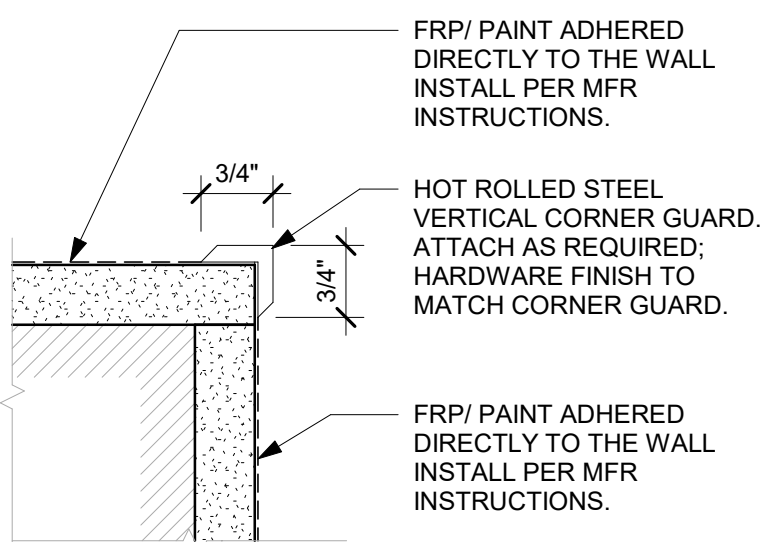
7 TILE TOP TRIM AT CEILING TRANSITION  
Scale: 6" = 1'-0"



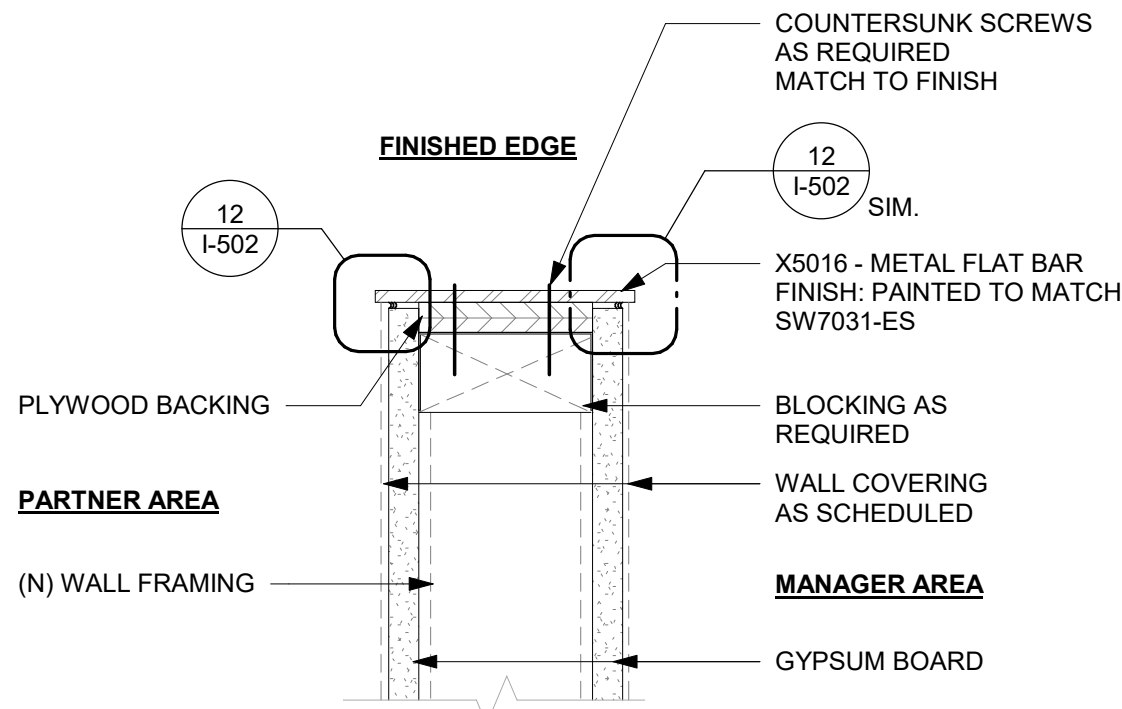
8 TILE CORNER - SCHLUTER TRIM  
Scale: 6" = 1'-0"



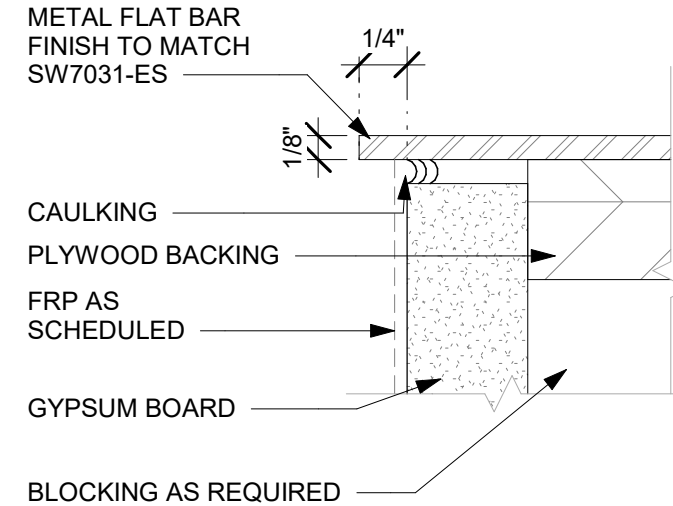
9 TRANSITION - TILE TO FRP  
Scale: 6" = 1'-0"



10 10829 - CORNER GUARD DETAIL  
Scale: 6" = 1'-0"



11 X5016 - FINISH EDGE AT MANAGER AREA  
Scale: 3" = 1'-0"



12 CAULKING DETAIL AT METAL  
Scale: 12" = 1'-0"

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PROJECT NAME:  
**US 17-92 & LAKE MARY BLVD**

PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 32773**

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

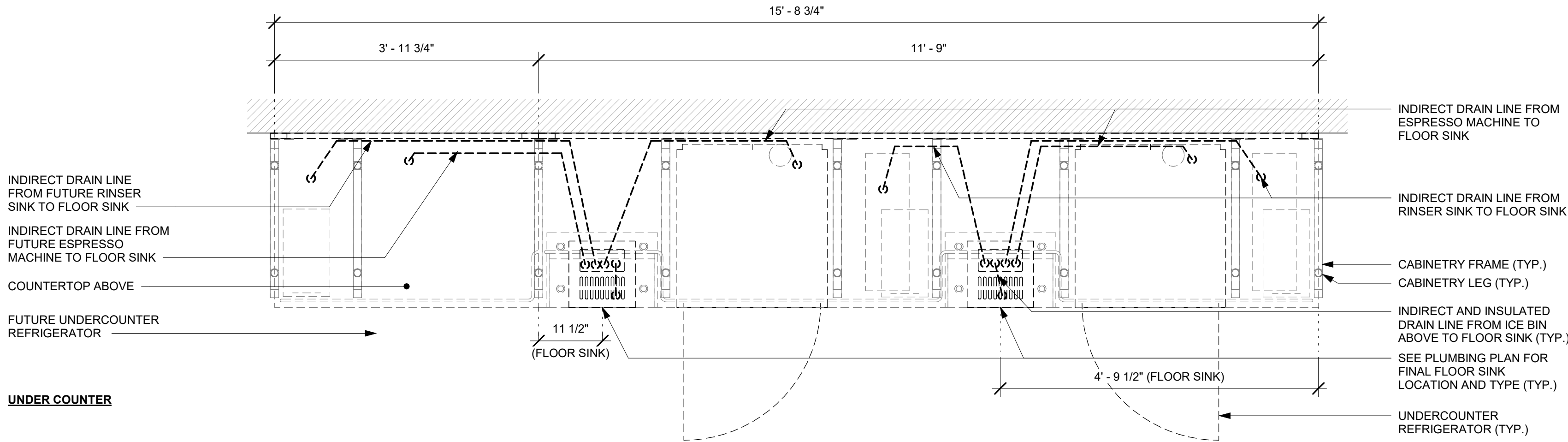
SHEET TITLE:  
**WALL FINISH DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:  
**I-502**

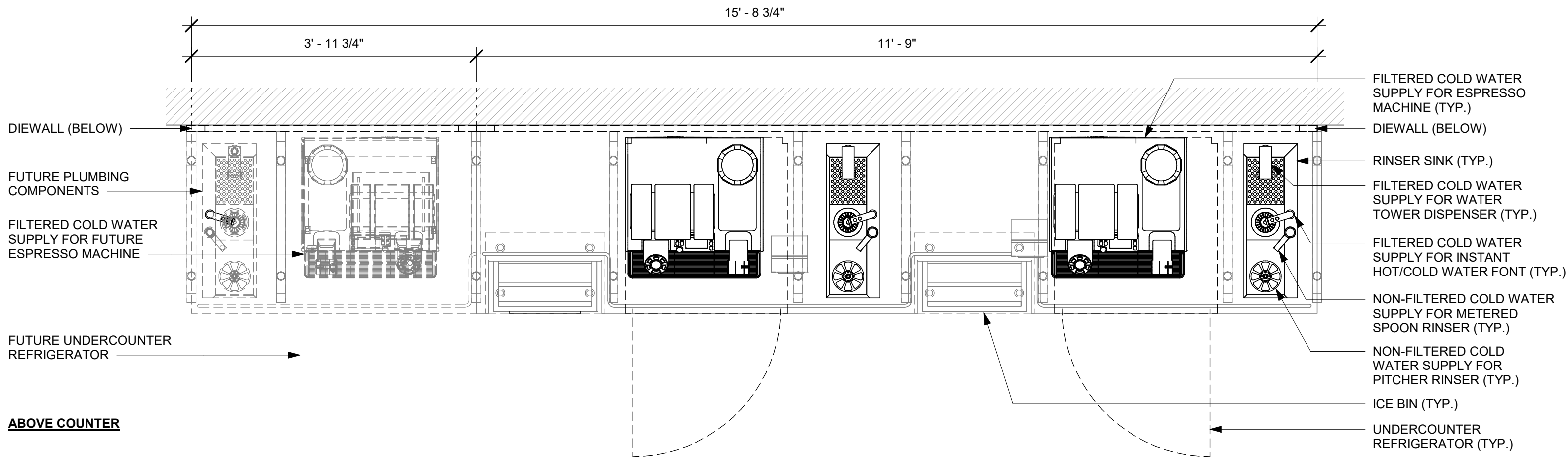
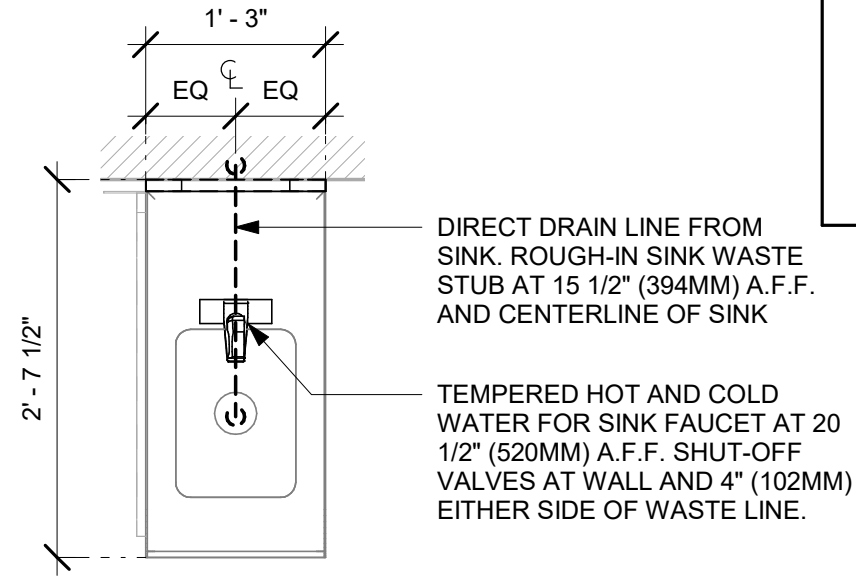


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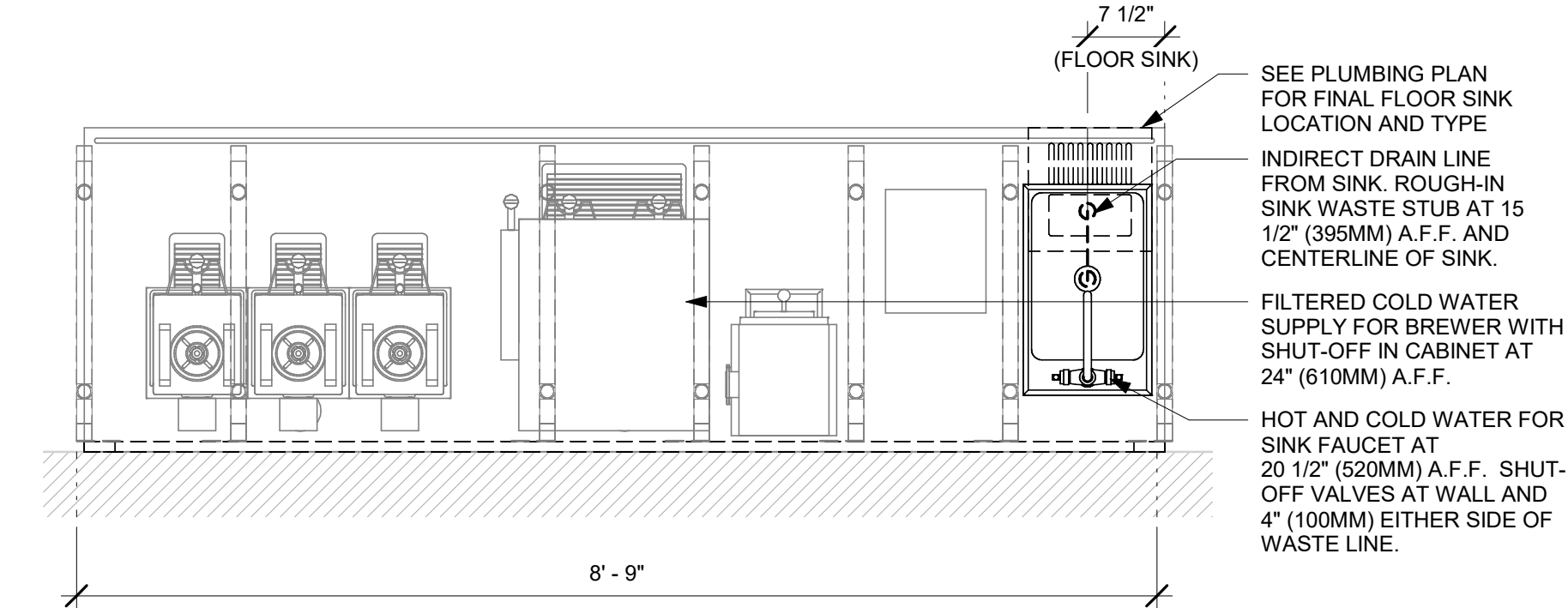
2 HAND SINK - PLUMBING FOR REFERENCE ONLY

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



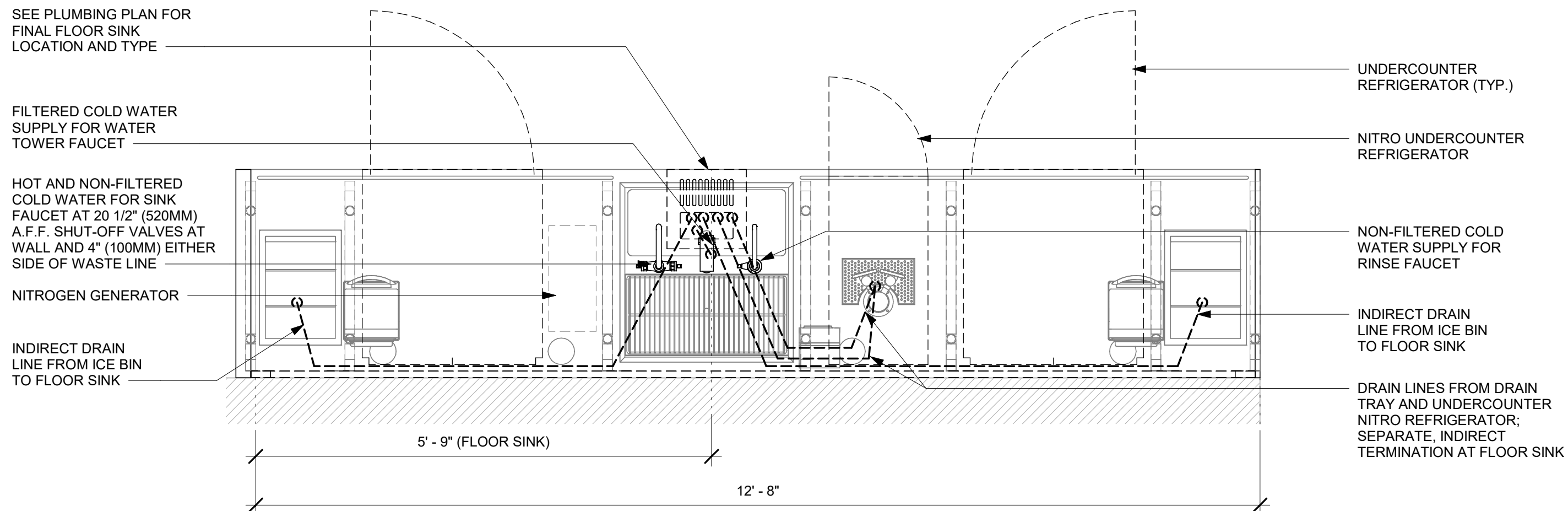
1 ESPRESSO - PLUMBING FOR REFERENCE ONLY

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



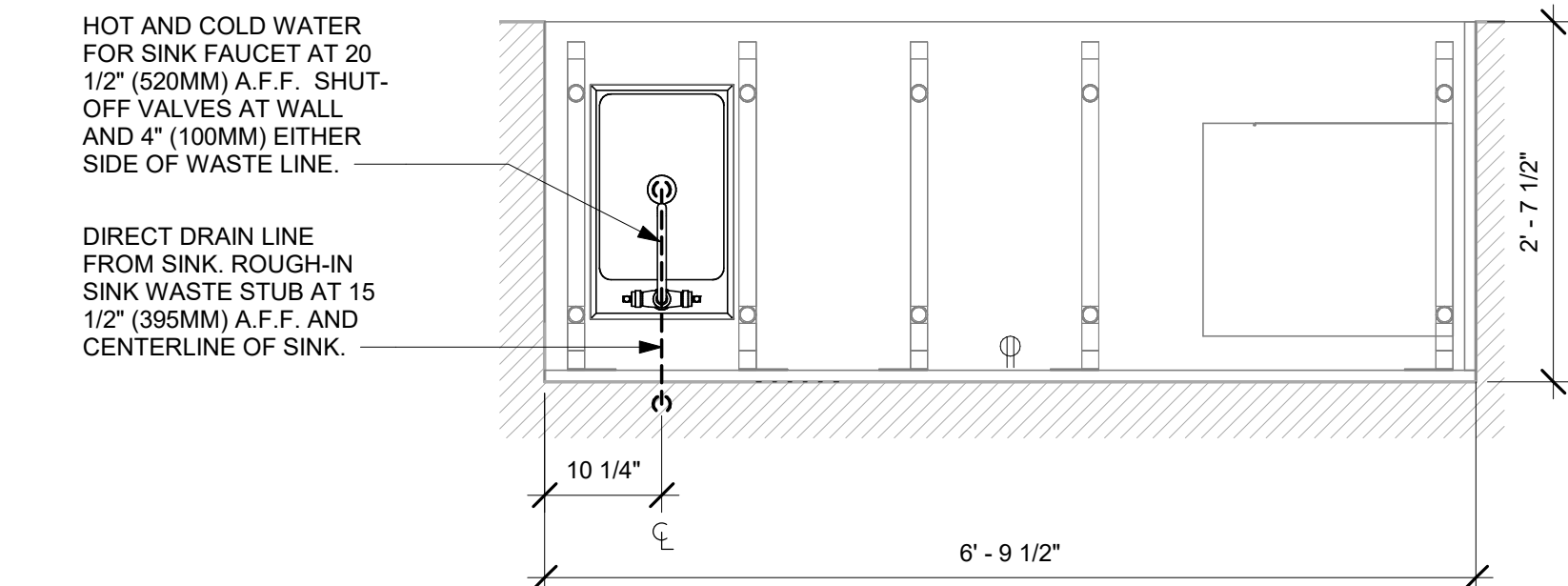
3 BREW - PLUMBING FOR REFERENCE ONLY

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



4 CBE - PLUMBING FOR REFERENCE ONLY

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



5 ADD HAND SINK - PLUMBING FOR REFERENCE ONLY

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

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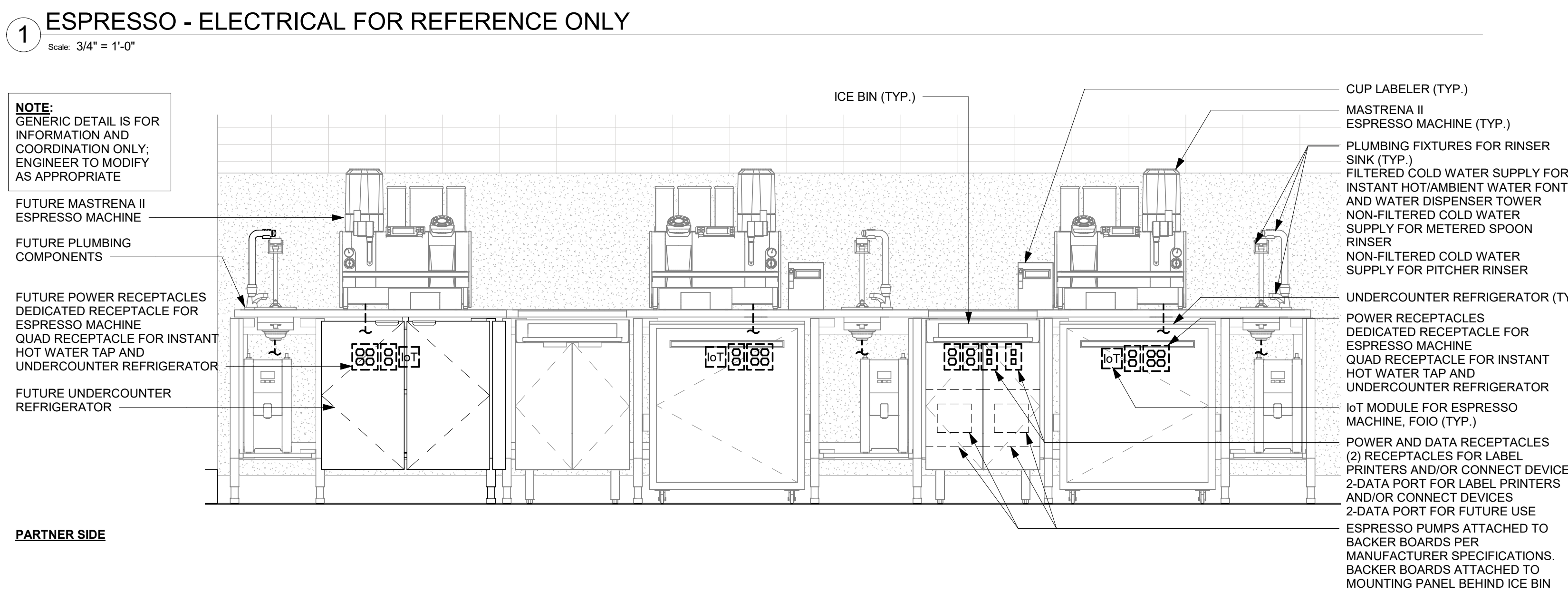
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**INTERIOR DETAILS**

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

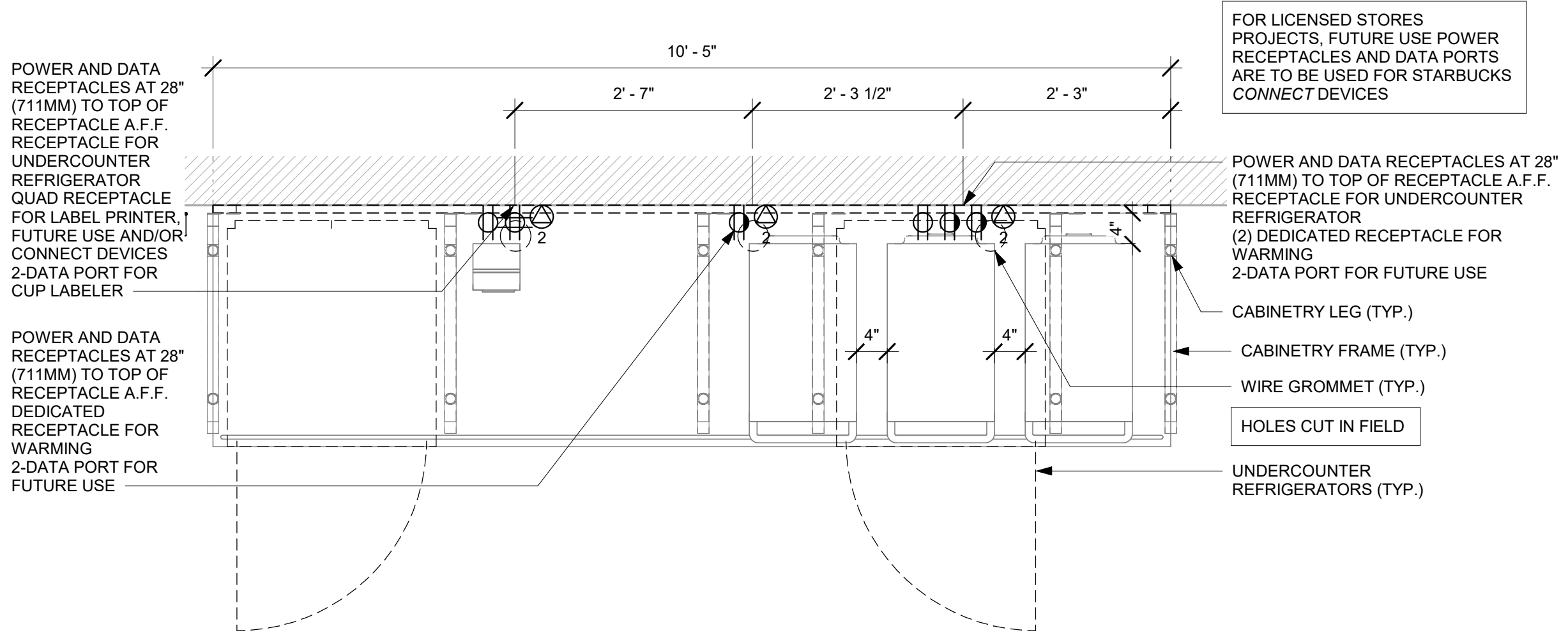
SHEET NUMBER:  
**I-503**



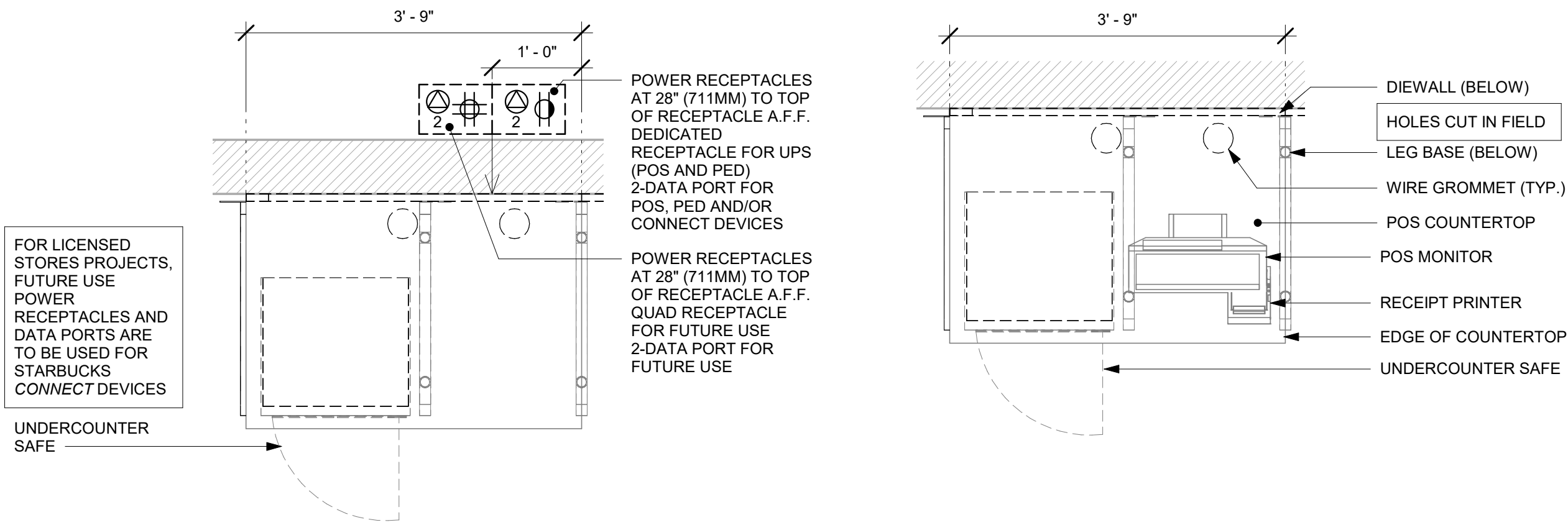




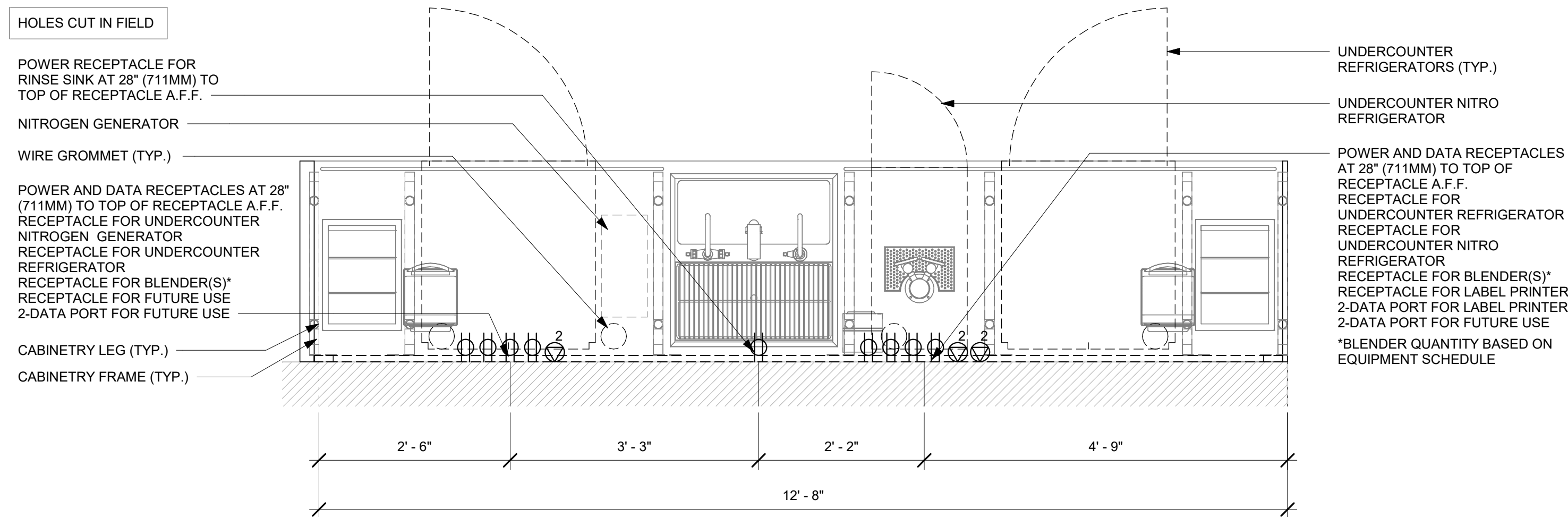
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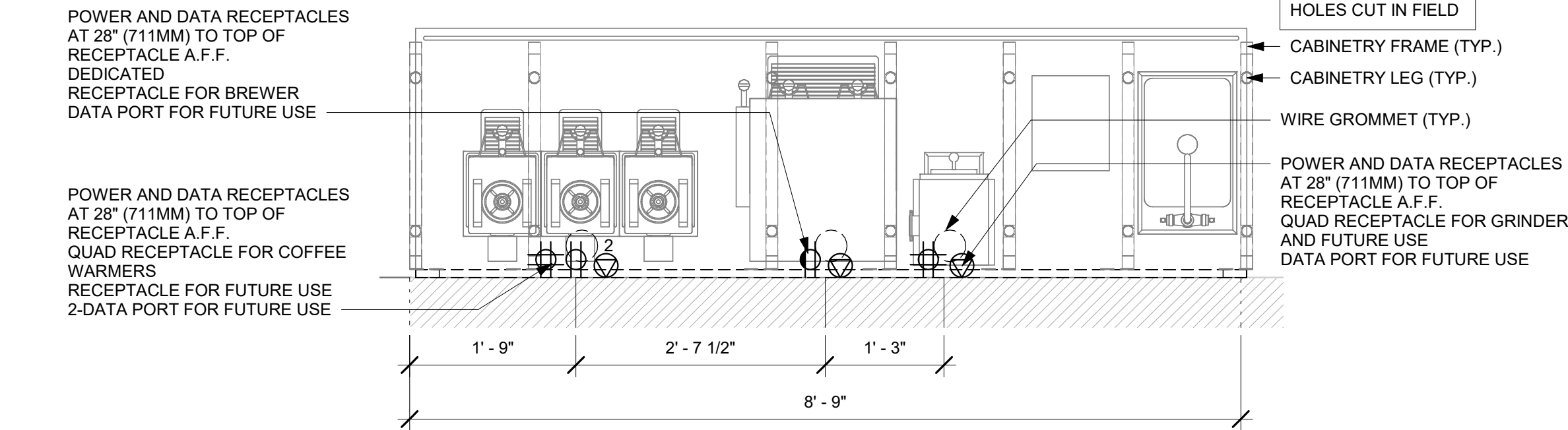
1 WARMING - ELECTRICAL FOR REFERENCE ONLY  
Scale: 3/4" = 1'-0"



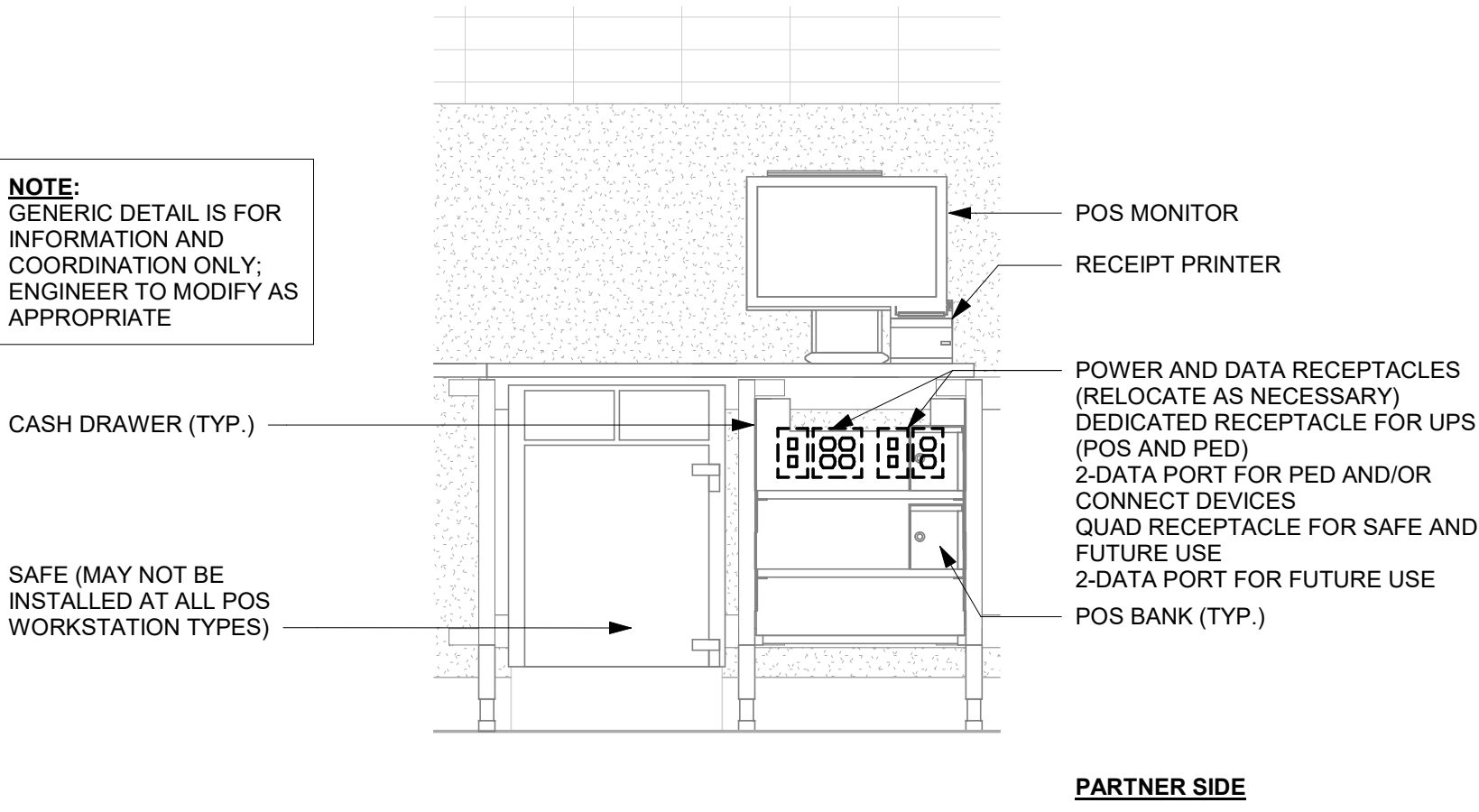
3 POS - ELECTRICAL FOR REFERENCE ONLY  
Scale: 3/4" = 1'-0"



5 CBE - ELECTRICAL FOR REFERENCE ONLY  
Scale: 3/4" = 1'-0"



2 BREW - ELECTRICAL FOR REFERENCE ONLY  
Scale: 3/4" = 1'-0"



4 SINGLE POS MEP DIAGRAM FOR REFERENCE ONLY  
Scale: 3/4" = 1'-0"

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SANFORD, FL 23773**

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PRODUCTION DESIGNER: ANDY MCLOUD  
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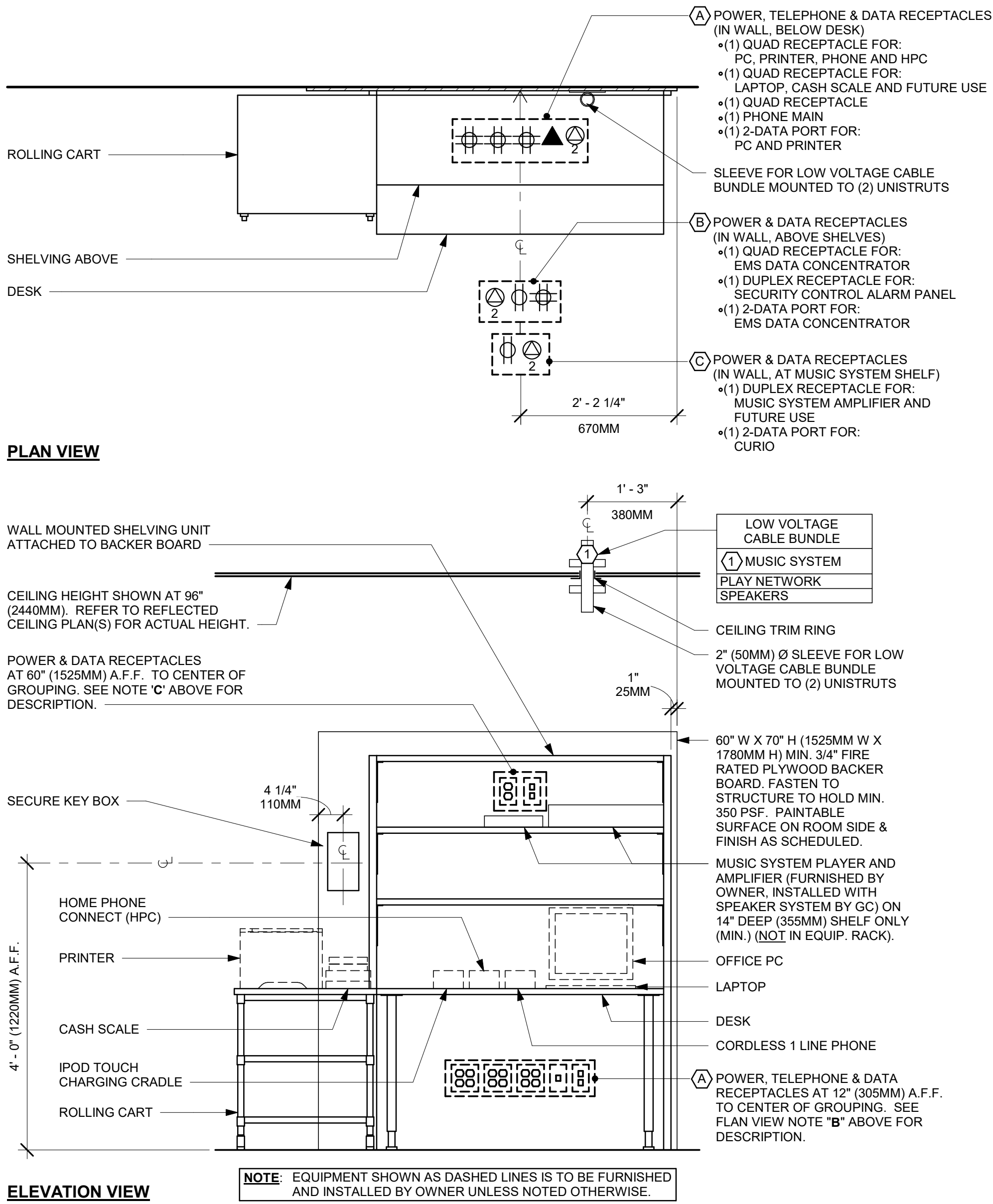
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**INTERIOR DETAILS**

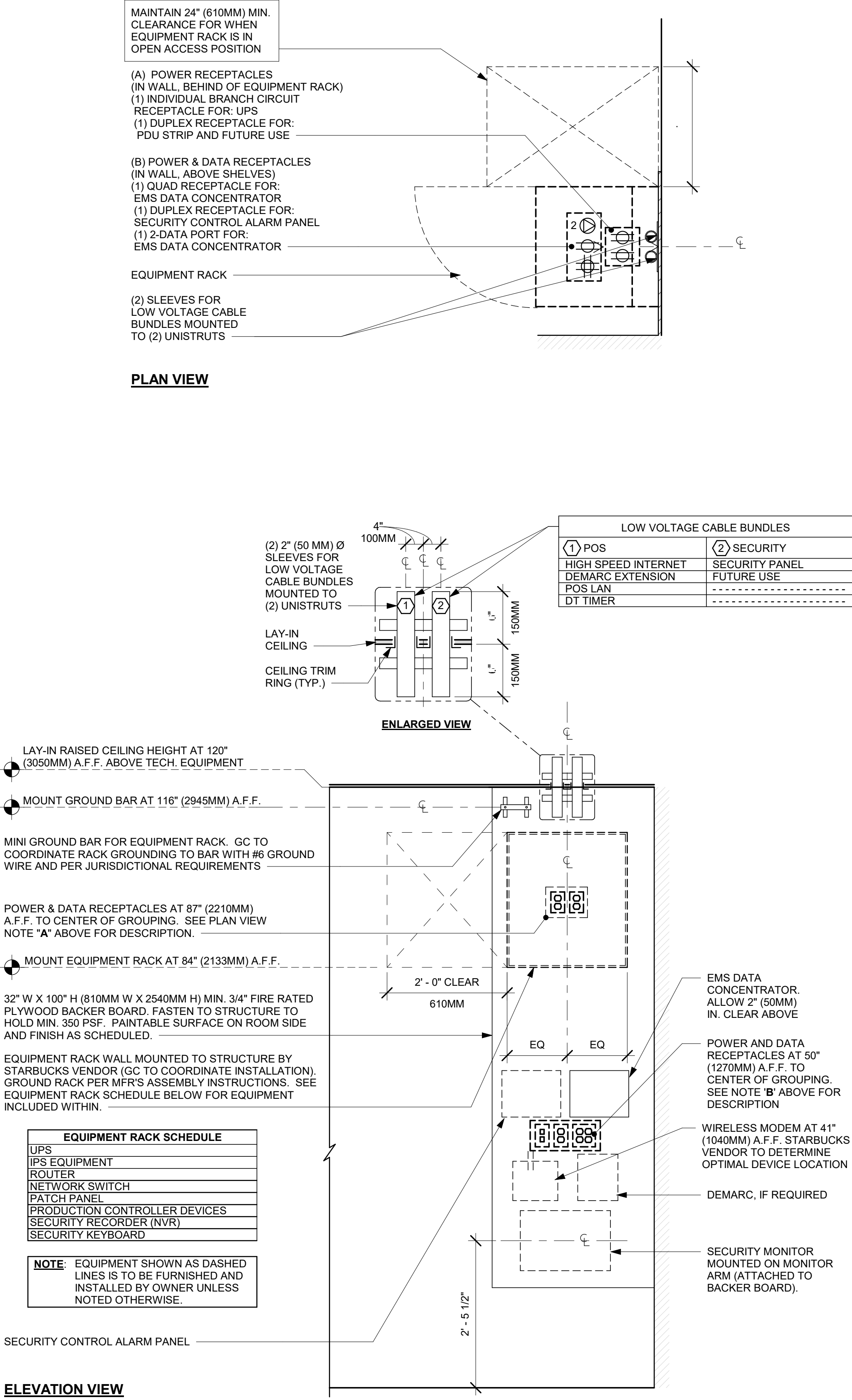
SCALE: 3/4" = 1'-0"

SHEET NUMBER:  
**I-505**





1 MANAGER DESK (NEW) - LEFT - ELECTRICAL  
Scale: 3/4\" = 1'-0"



2 EQUIPMENT RACK LEFT - ELECTRICAL  
Scale: 3/4\" = 1'-0"



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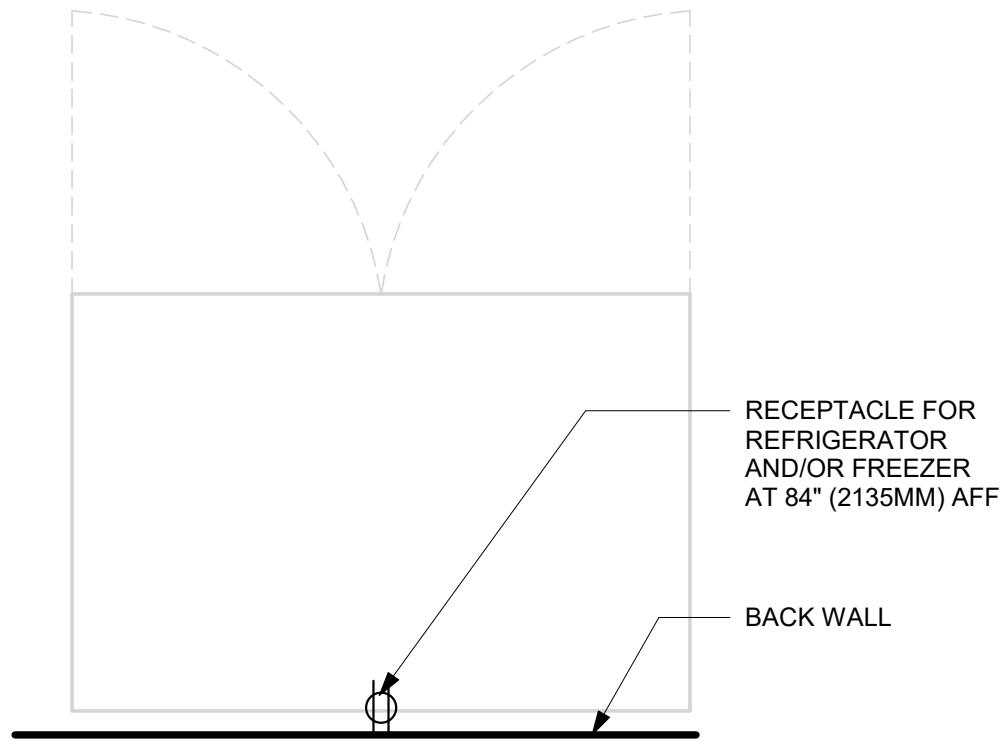
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**INTERIOR DETAILS**

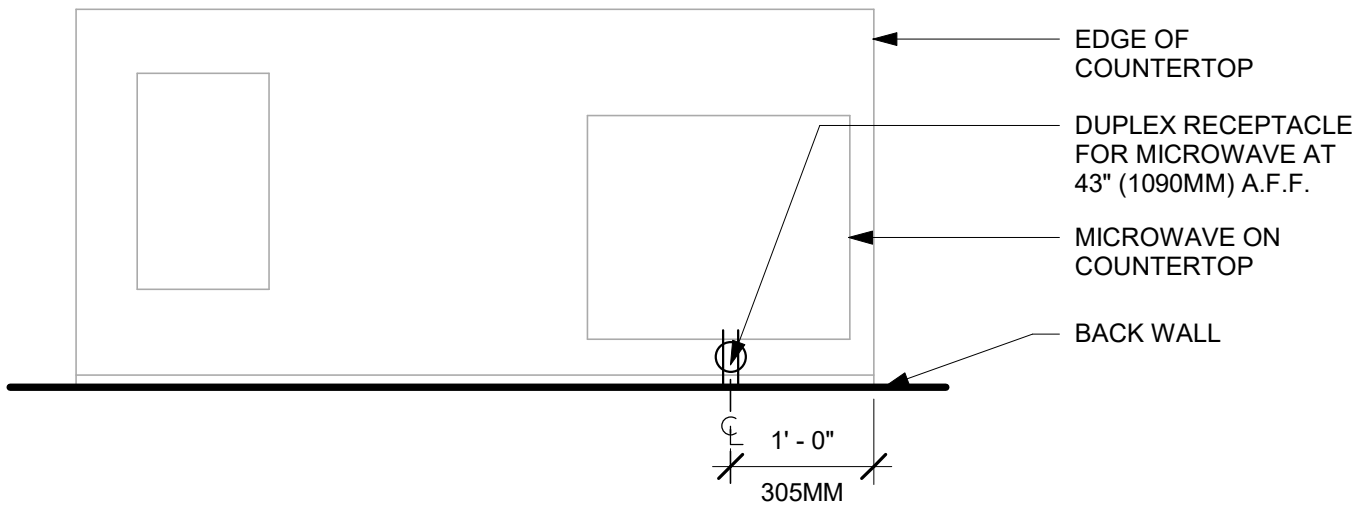
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SHEET NUMBER:  
**I-506**

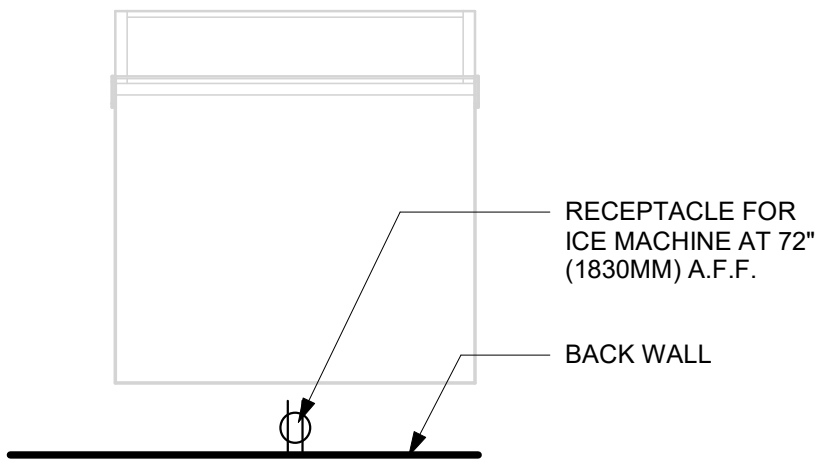




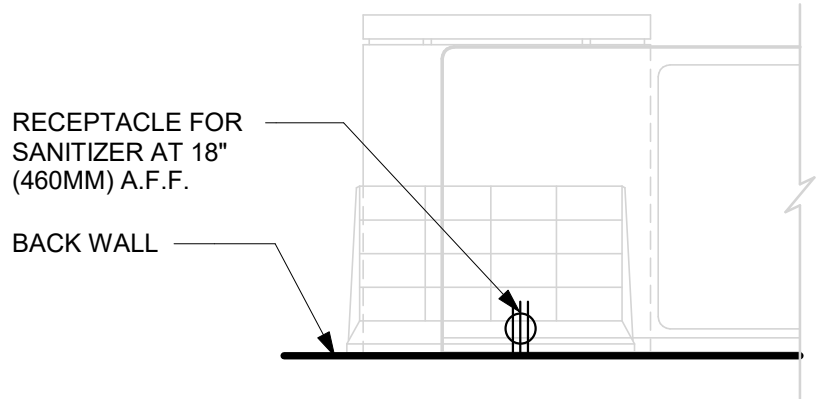
1 REFRIGERATOR/FREEZER - ELECTRICAL  
Scale: 3/4" = 1'-0"



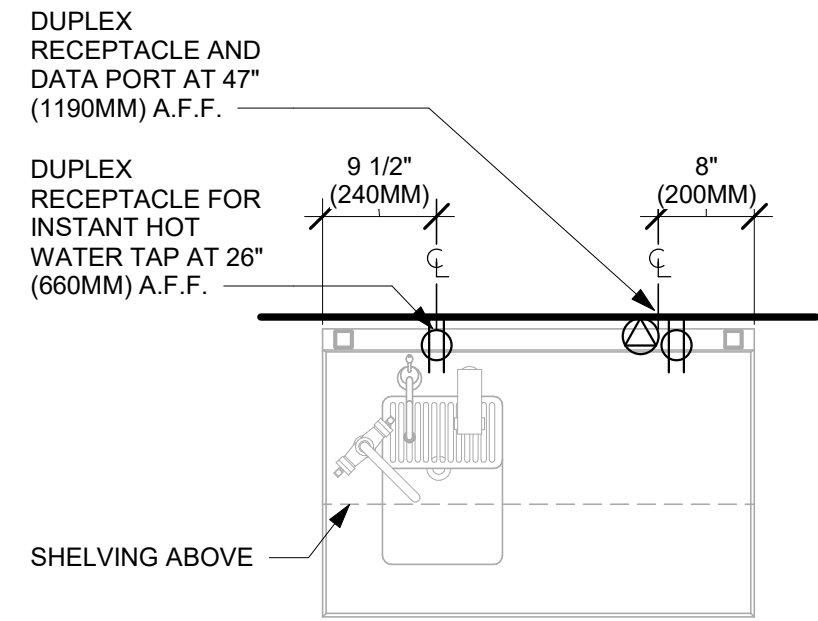
2 PARTNER AMENITY STATION - ELECTRICAL  
Scale: 3/4" = 1'-0"



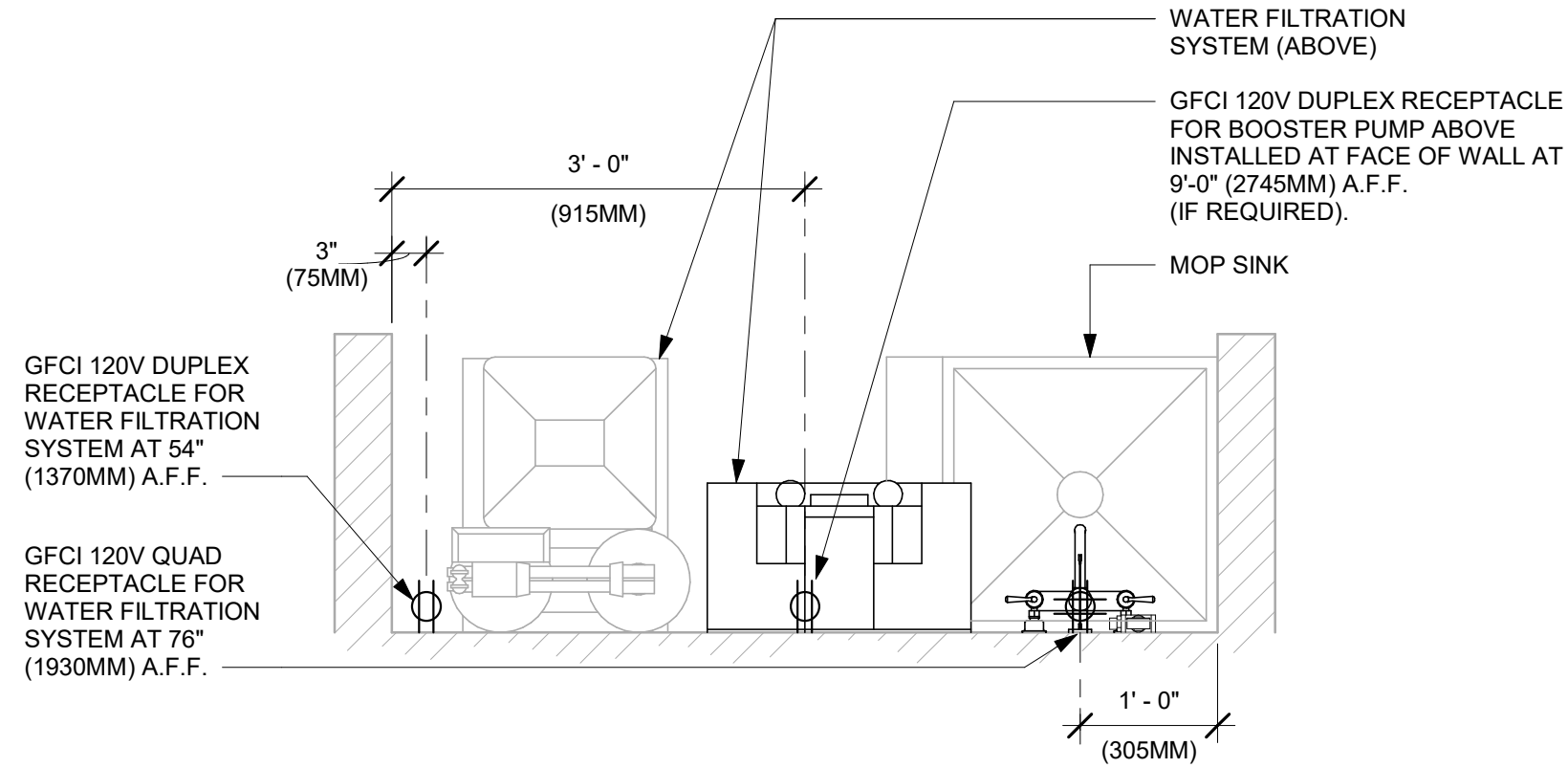
3 ICE MACHINE - ELECTRICAL  
Scale: 3/4" = 1'-0"



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



5 WATER FILLING STATION - ELECTRICAL  
Scale: 3/4" = 1'-0"



6 WATER FILTRATION - CONFIGURATION III  
Scale: 3/4" = 1'-0"



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Rev	Date	By	Description

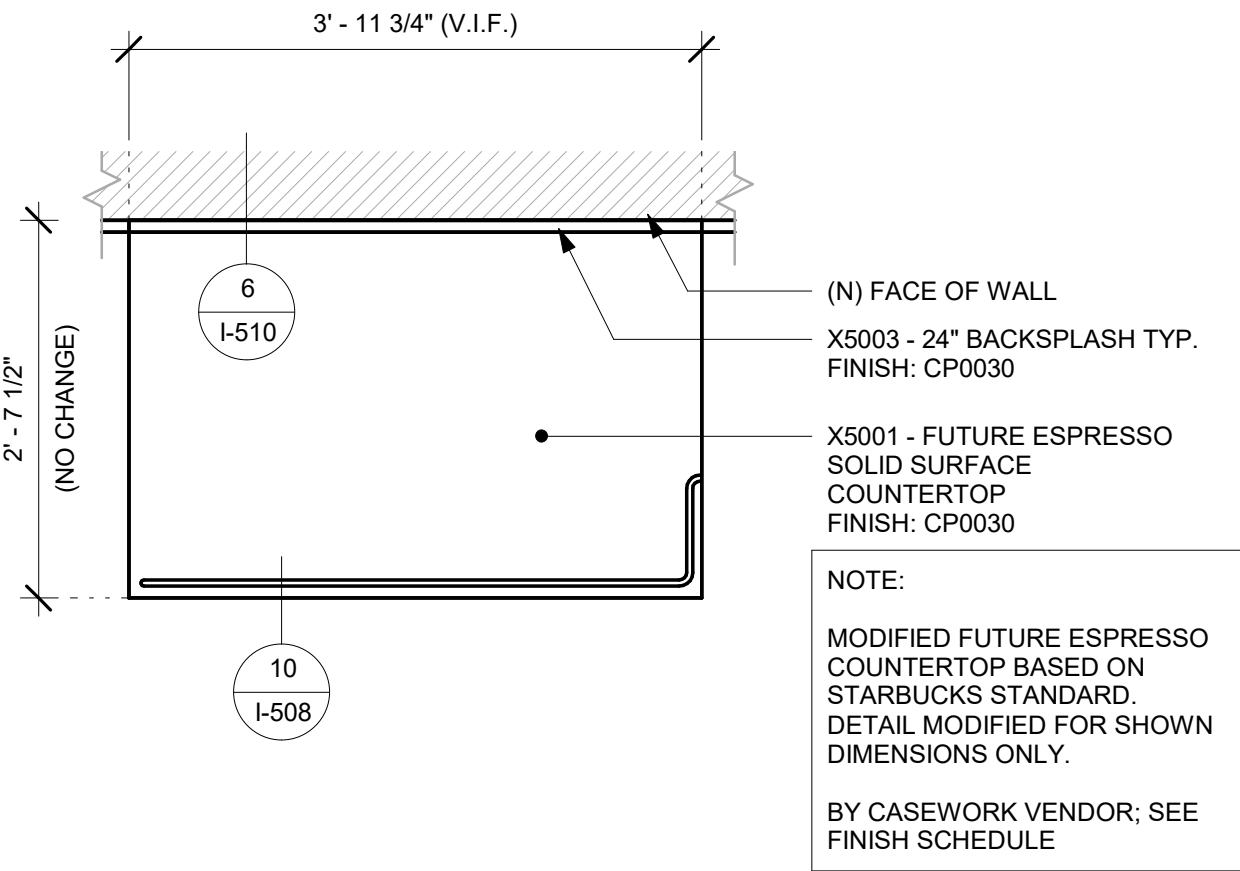
SHEET TITLE:  
**INTERIOR DETAILS**

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

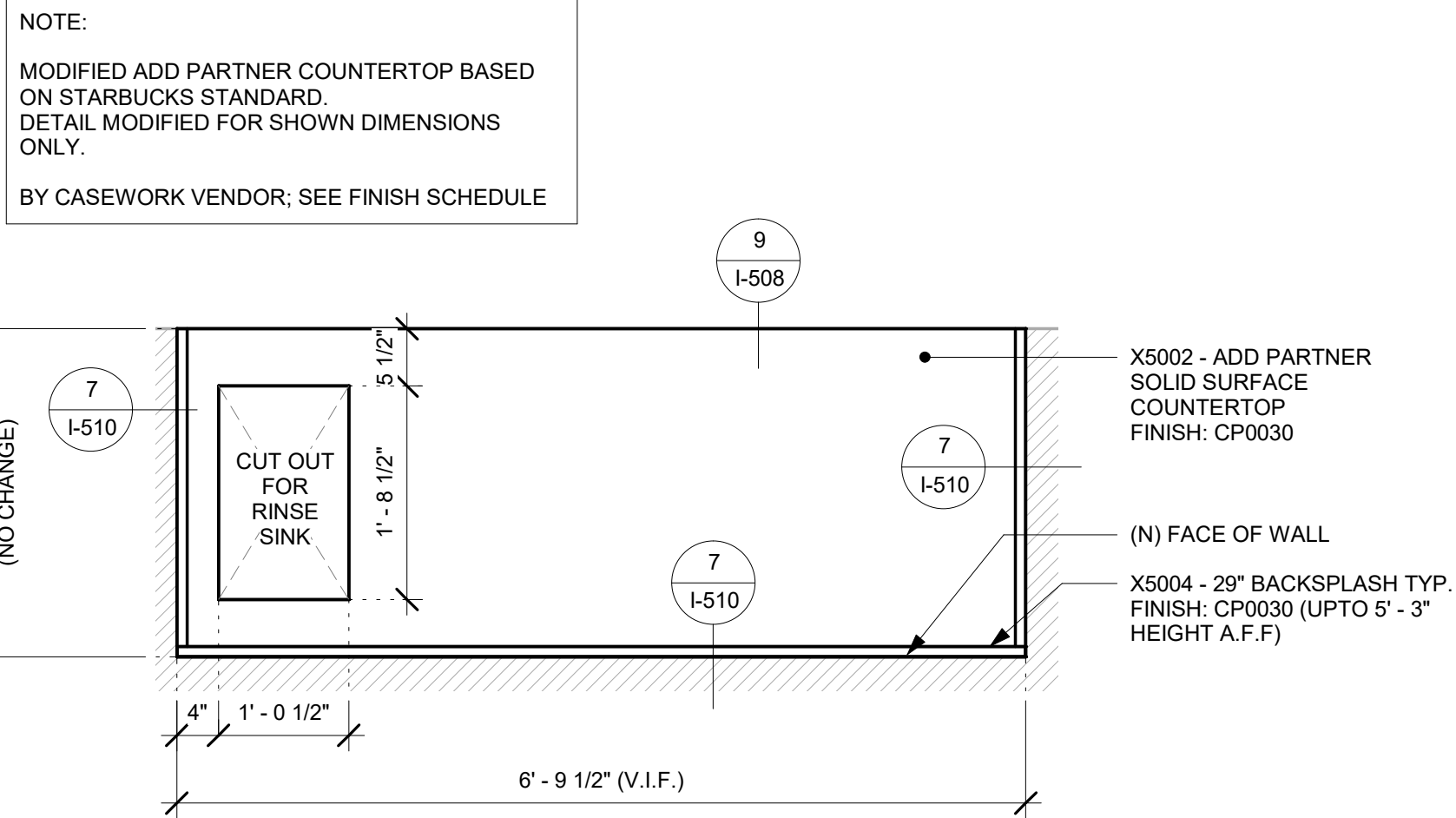
SHEET NUMBER:  
**I-507**



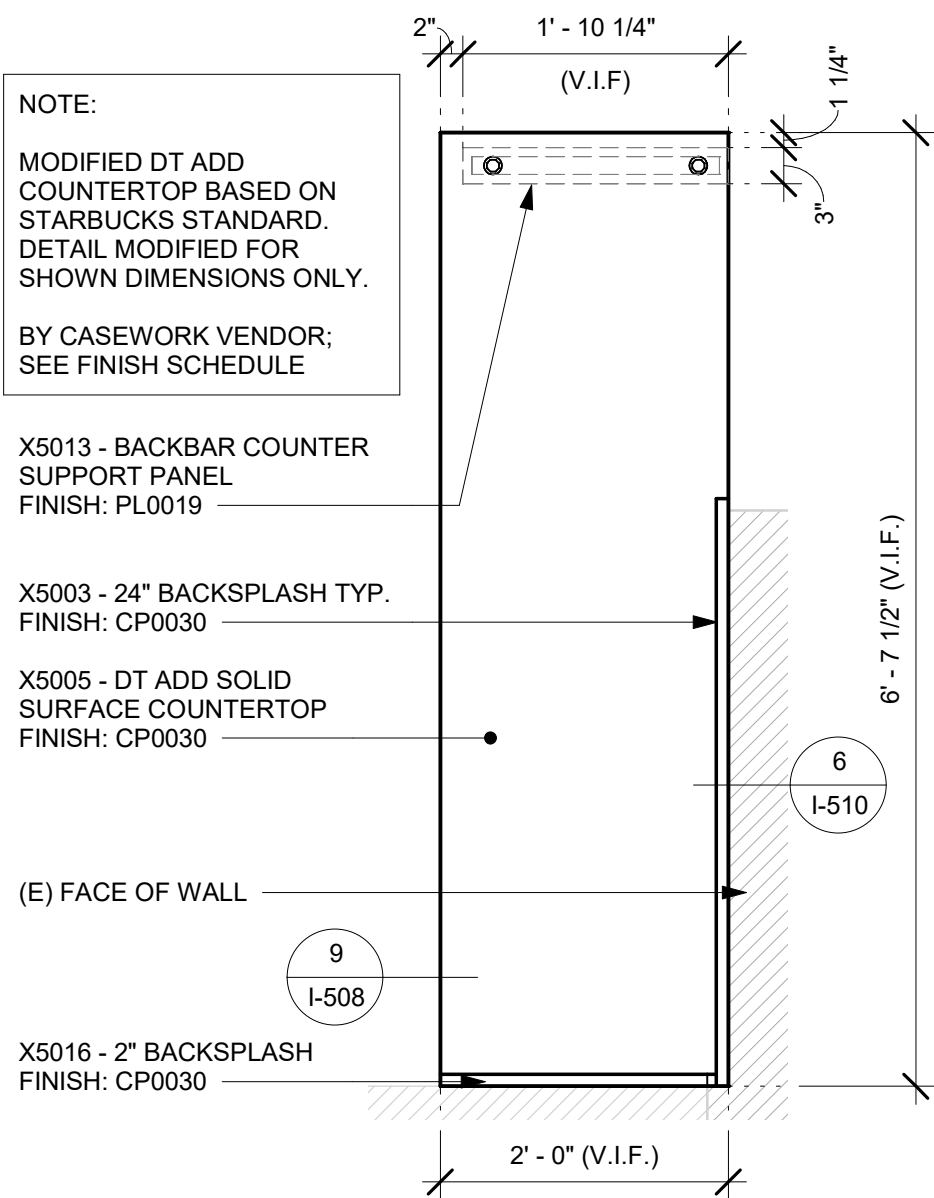
NOTE:  
SHOP DRAWINGS TO BE APPROVED BY  
SB DESIGNER PRIOR TO FABRICATION.



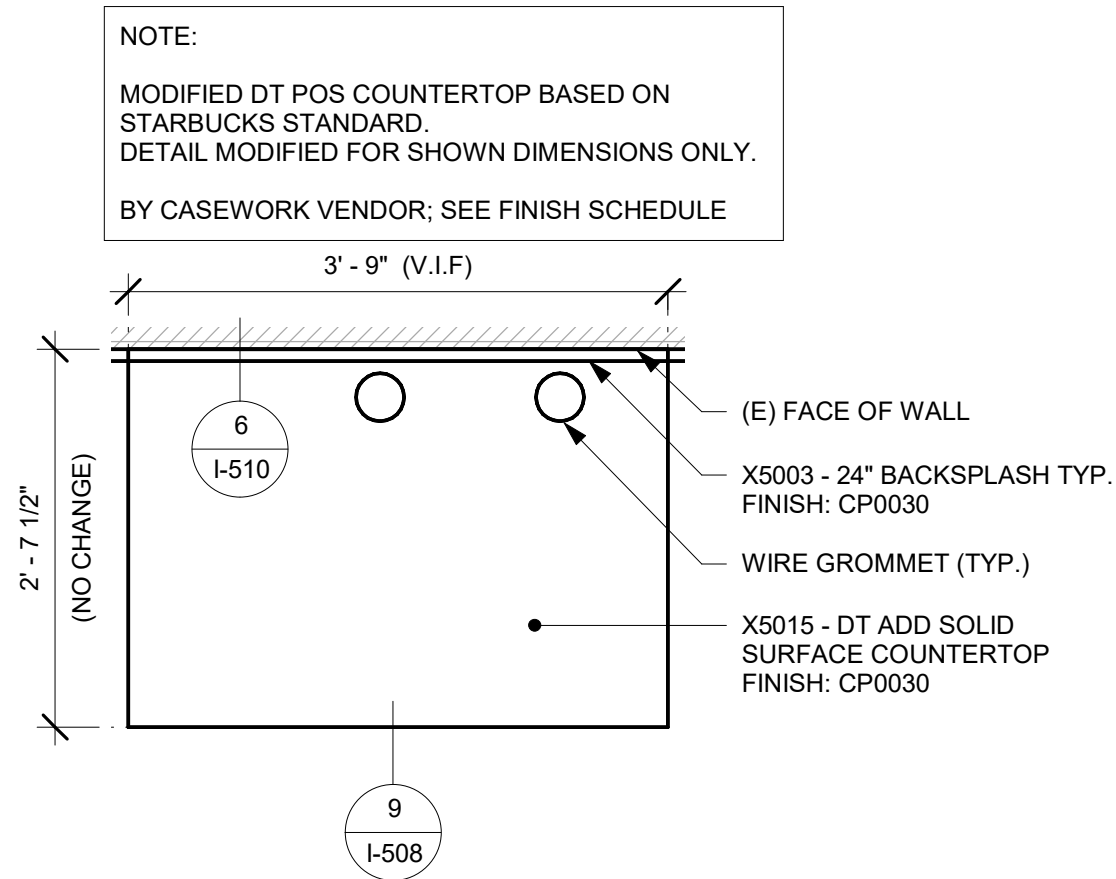
1 X5001 - FUTURE ESPRESSO COUNTERTOP - PLAN  
Scale: 3/4" = 1'-0"



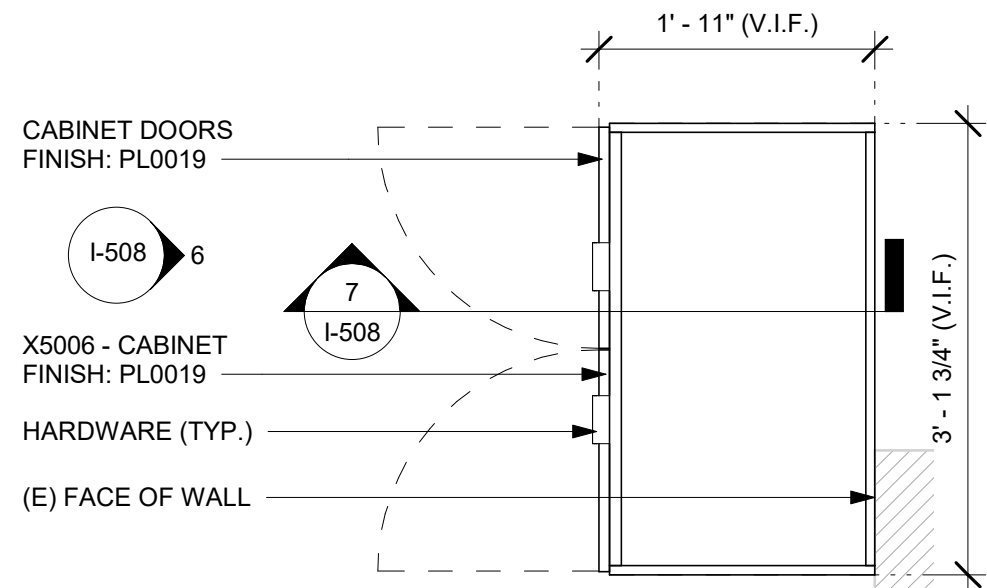
2 X5002 - ADD PARTNER COUNTERTOP - PLAN  
Scale: 3/4" = 1'-0"



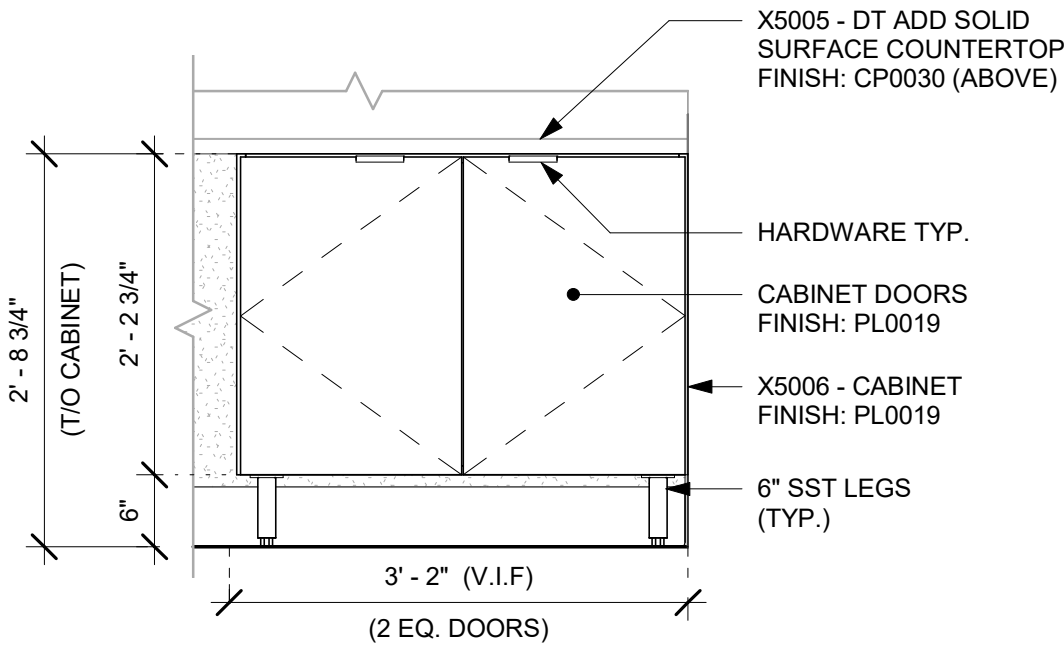
3 X5005 - DT ADD COUNTERTOP - PLAN  
Scale: 3/4" = 1'-0"



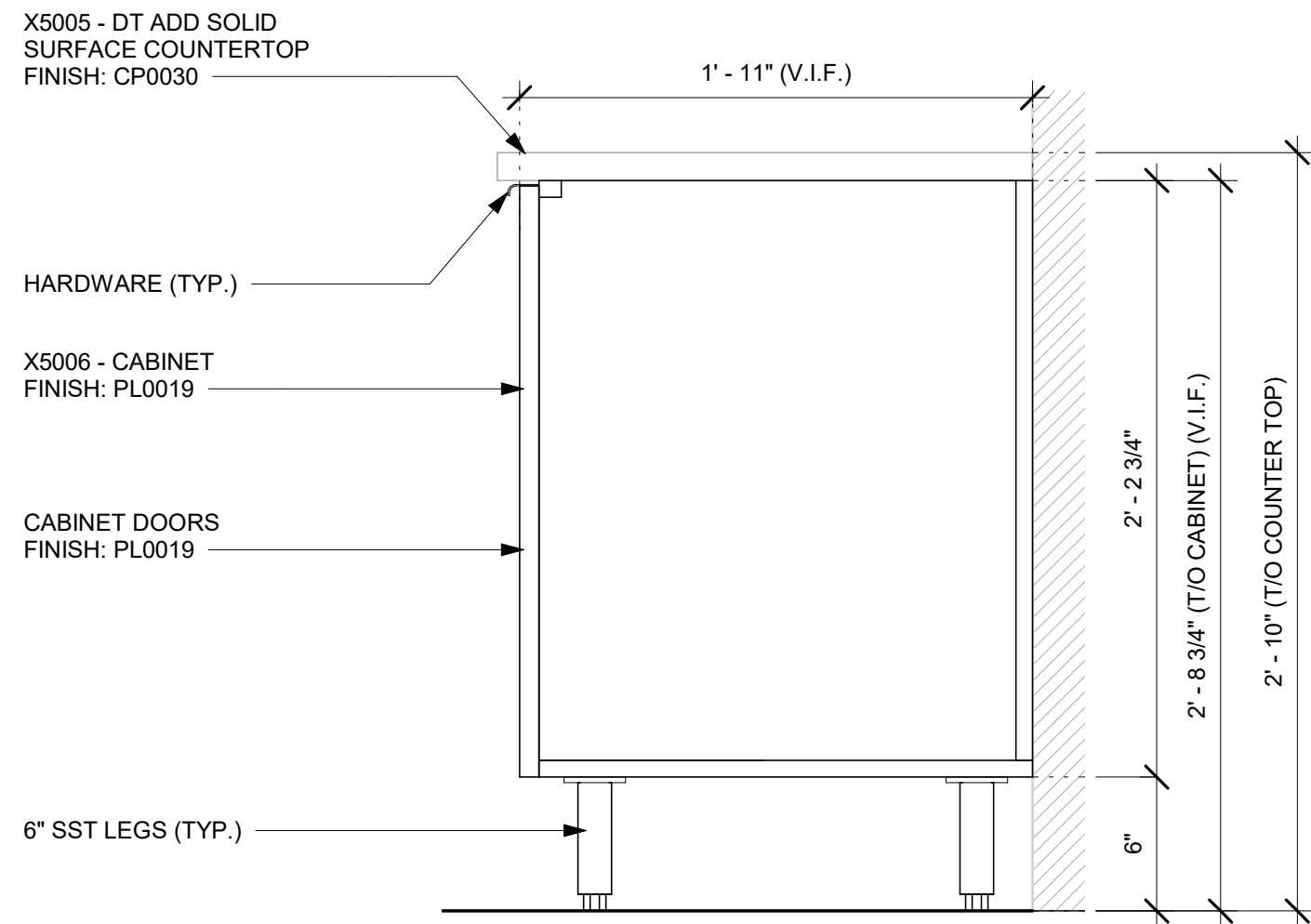
4 X5015 - DT POS COUNTERTOP - PLAN  
Scale: 3/4" = 1'-0"



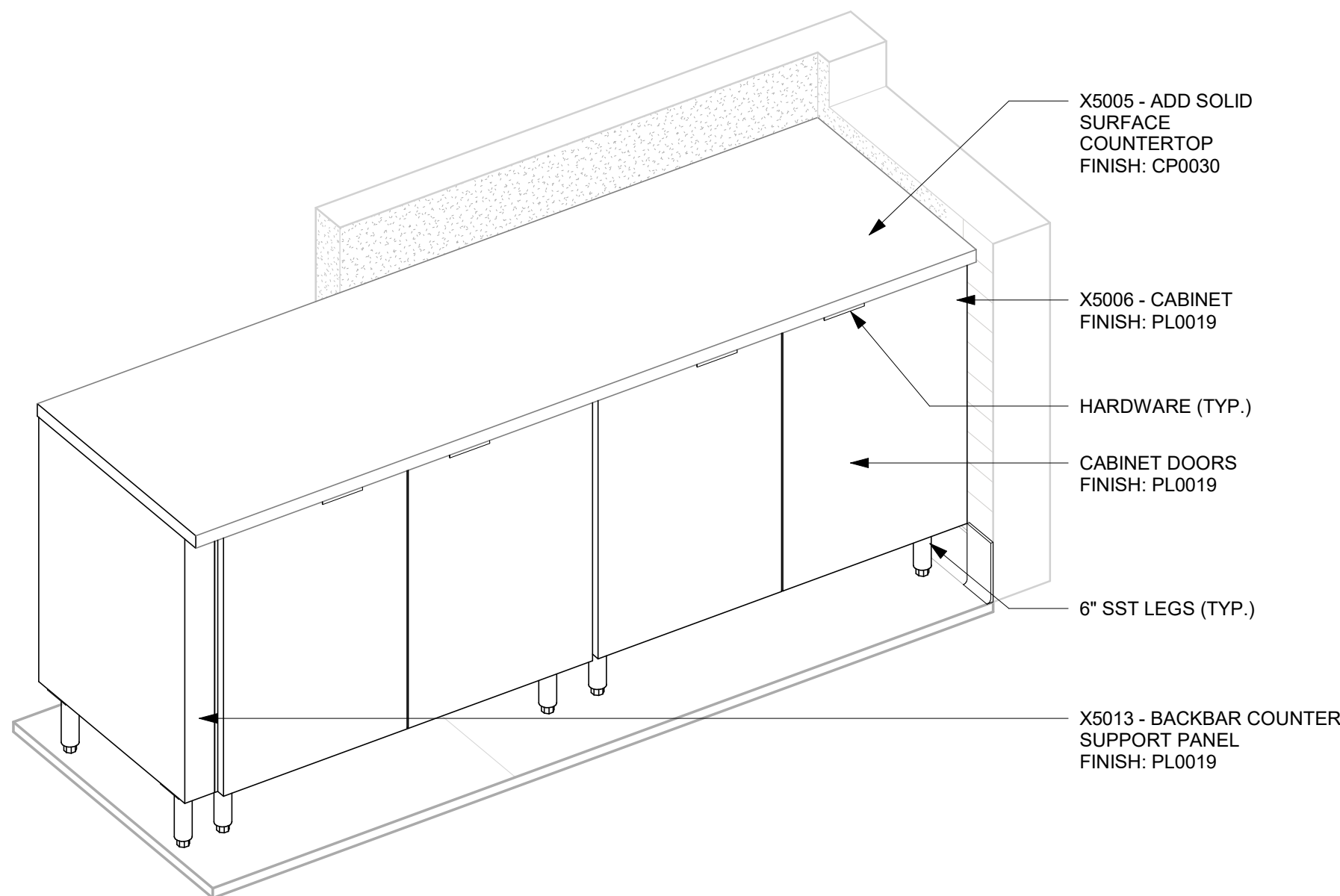
5 X5006 - UNDERCOUNTER CABINET - PLAN  
Scale: 3/4" = 1'-0"



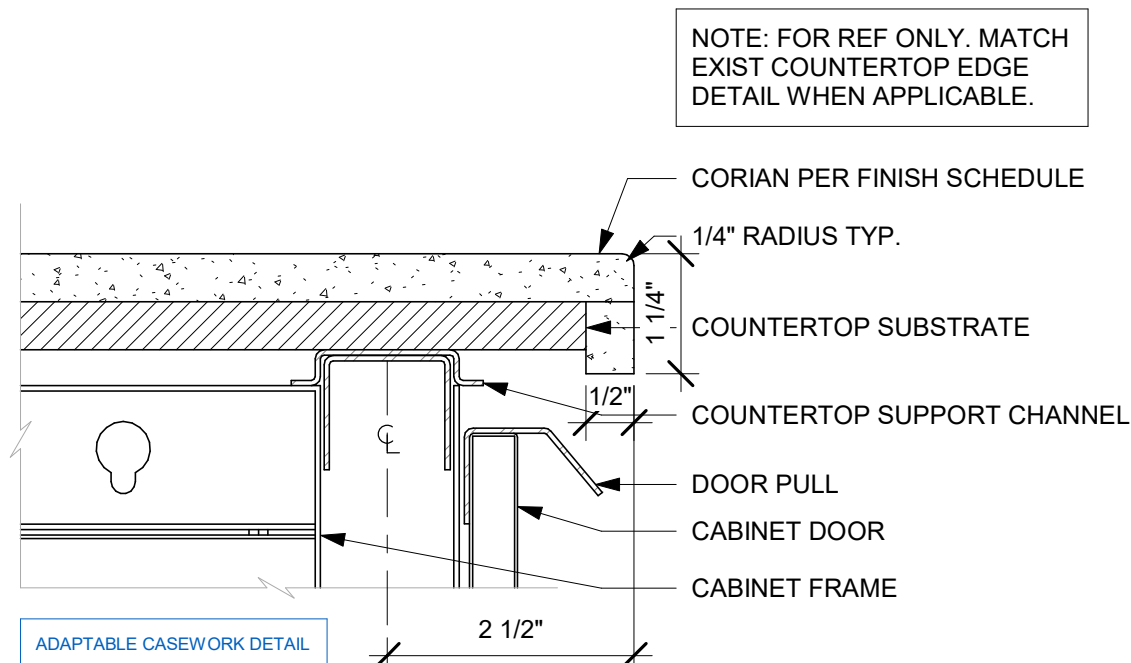
6 X5006 - UNDERCOUNTER CABINET - ELEVATION  
Scale: 3/4" = 1'-0"



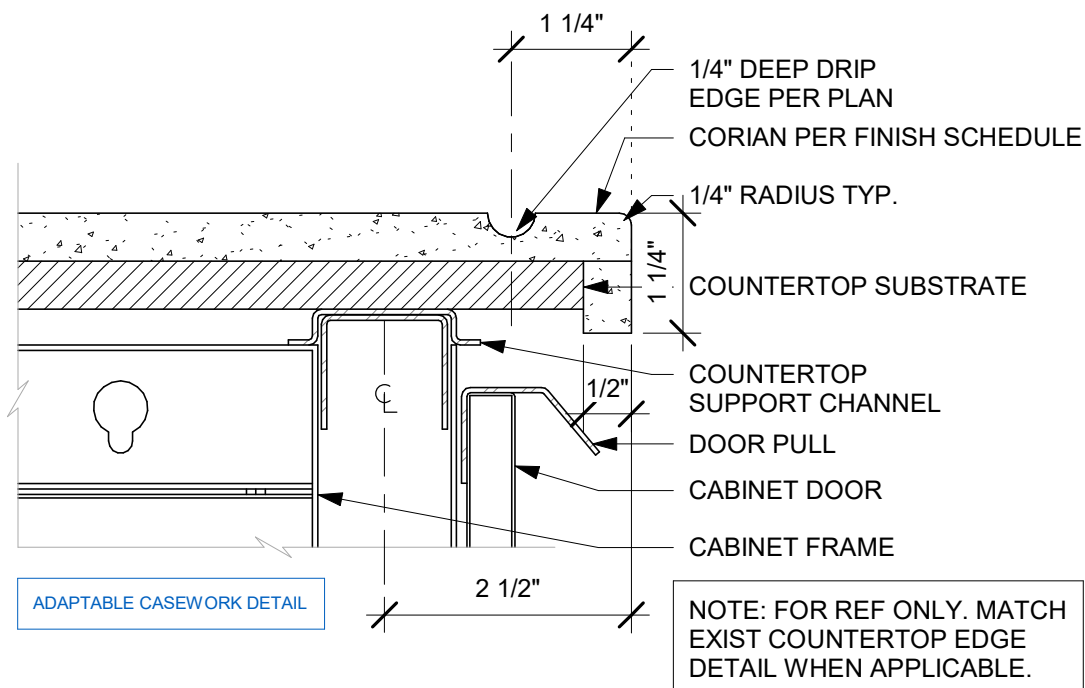
7 X5006 - UNDERCOUNTER CABINET - SECTION  
Scale: 1 1/2" = 1'-0"



8 X5006 - DT UNDERCOUNTER CABINET - 3D VIEW  
Scale:



9 TYP. CORIAN EDGE - FRONTLINE  
Scale: 6" = 1'-0"



10 TYP. CORIAN DRIP EDGE - FRONTLINE  
Scale: 6" = 1'-0"



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ISSUE DATE: 08-03-2023  
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PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule				
Rev	Date	By	Description	

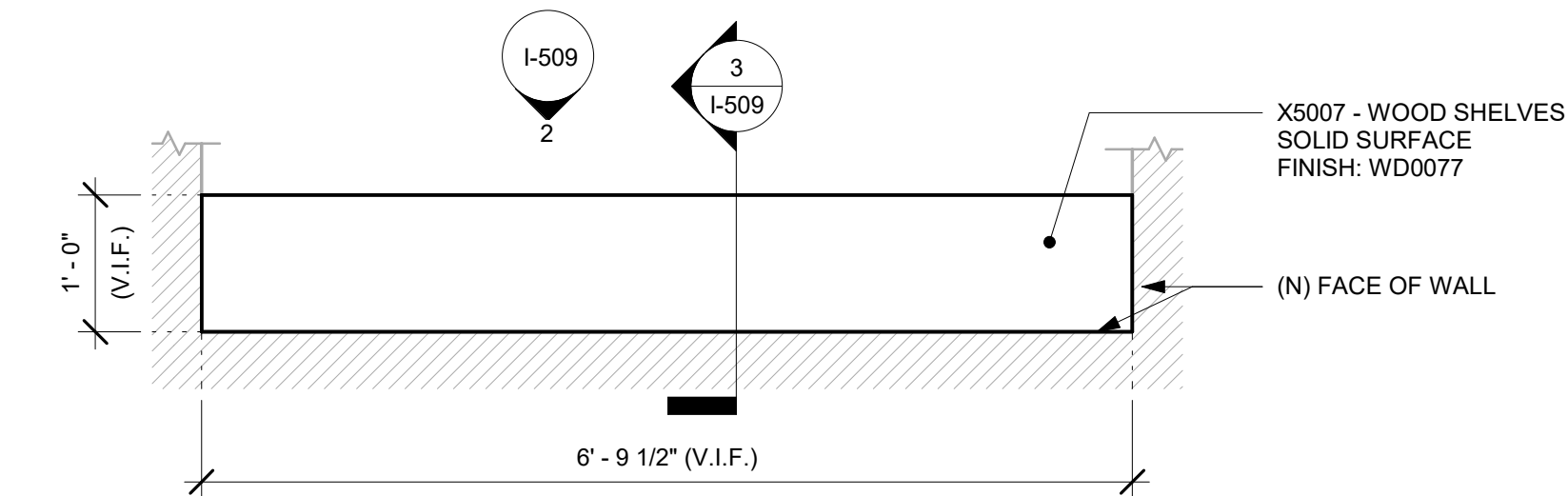
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**INTERIOR DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:  
**I-508**

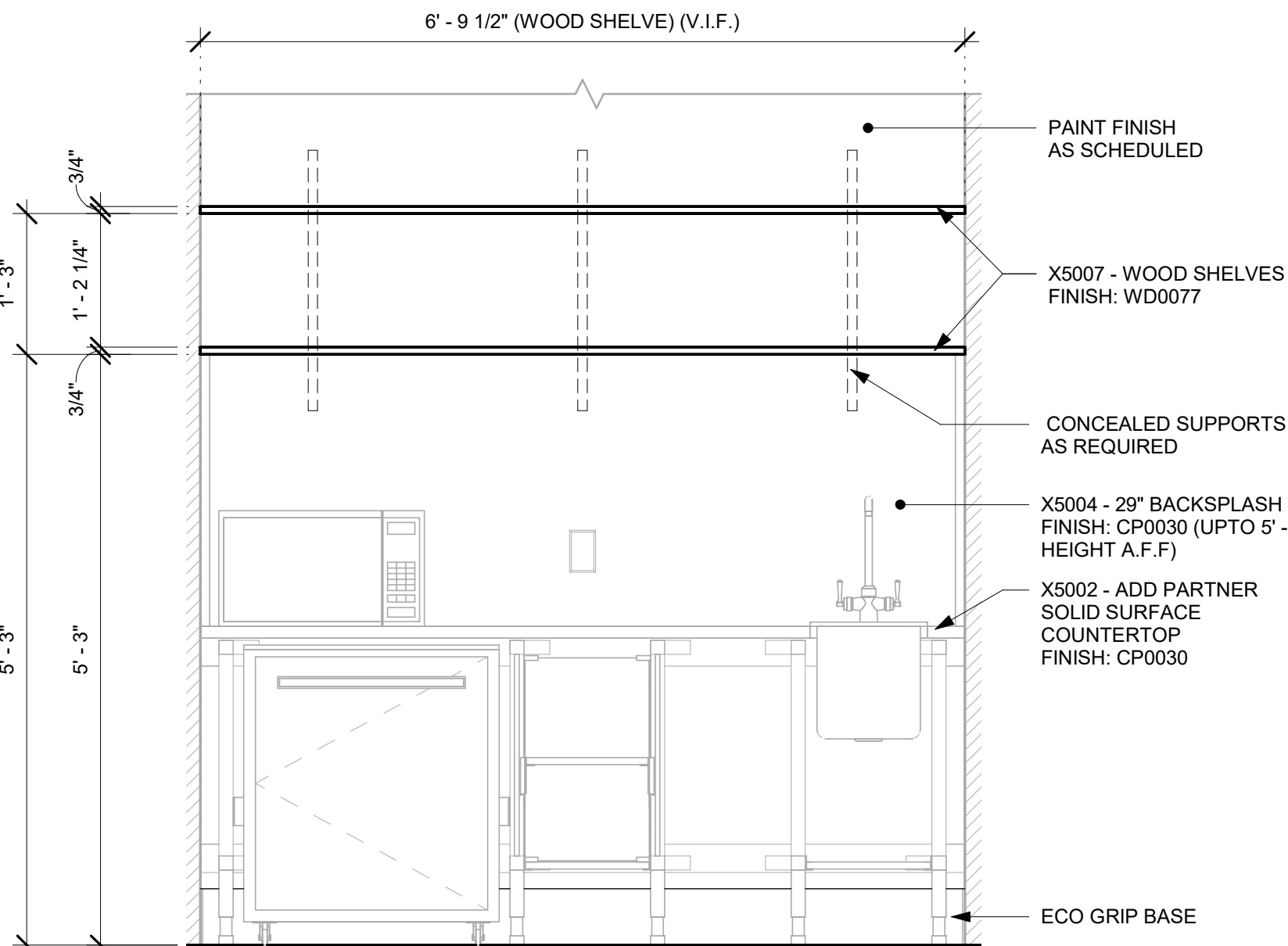


NOTE:  
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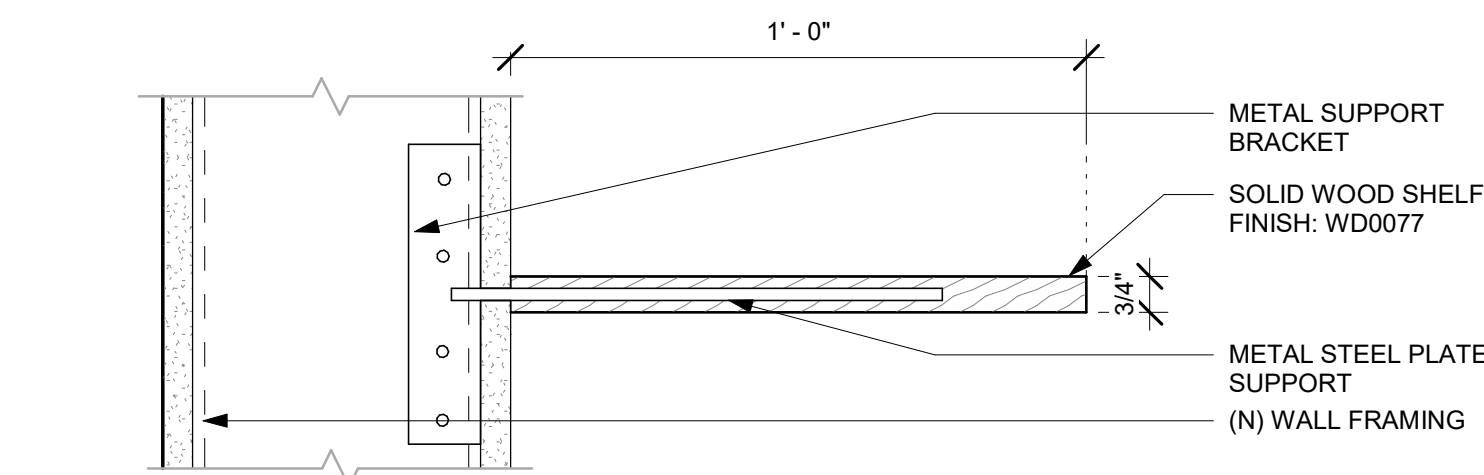
1 X5007 - WOOD SHELVES - PLAN

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



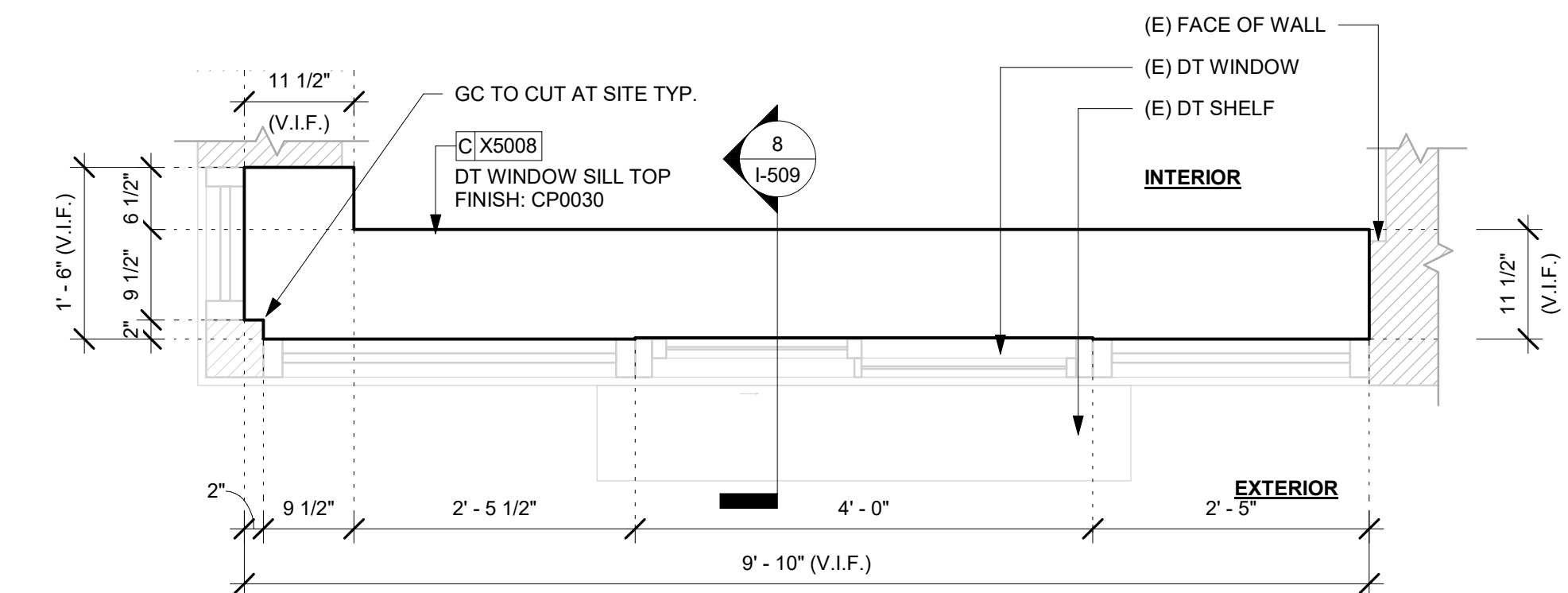
2 X5007 - WOOD SHELVES - ELEVATION

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



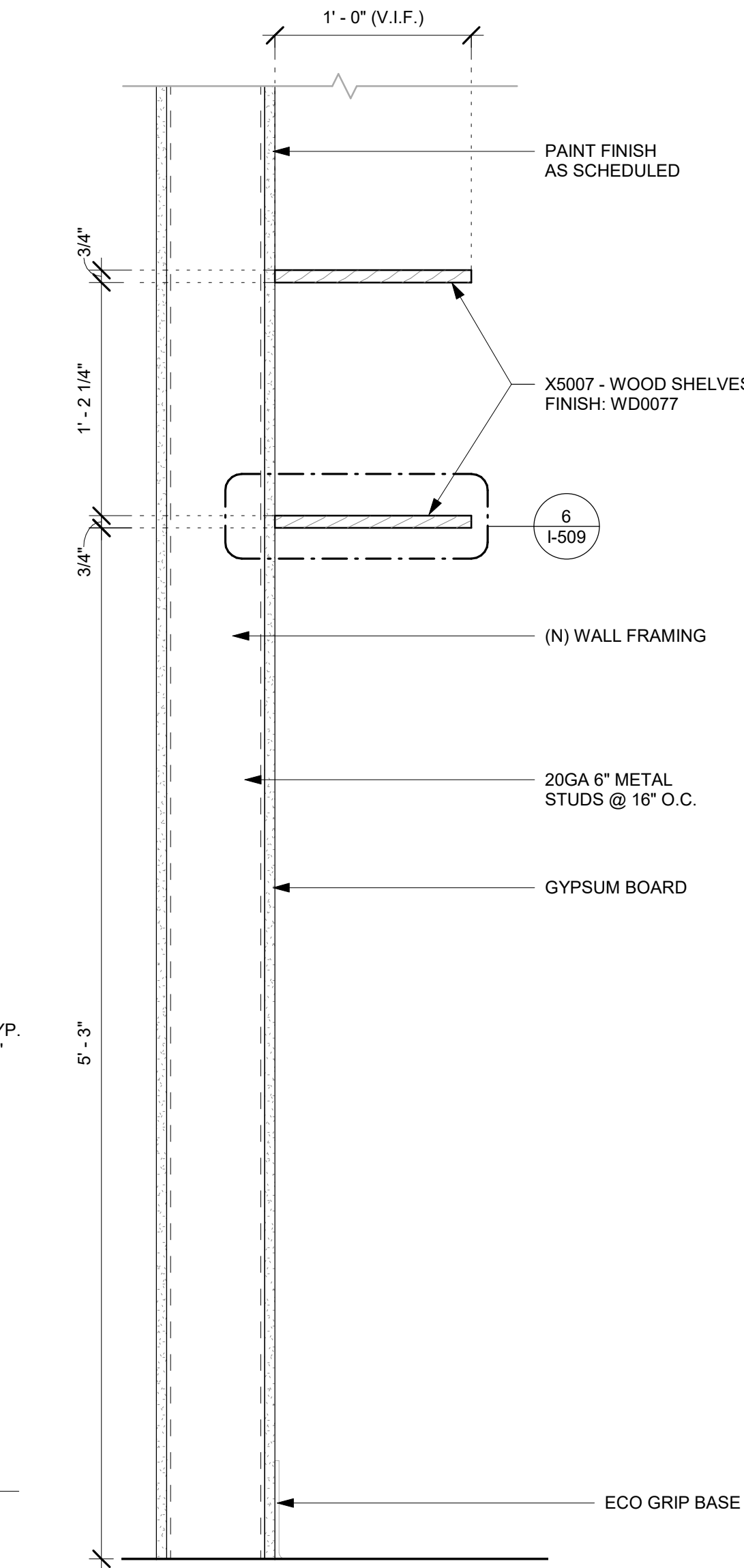
6 WOOD SHELVES FIXING DETAIL

Scale: 3" = 1'-0"



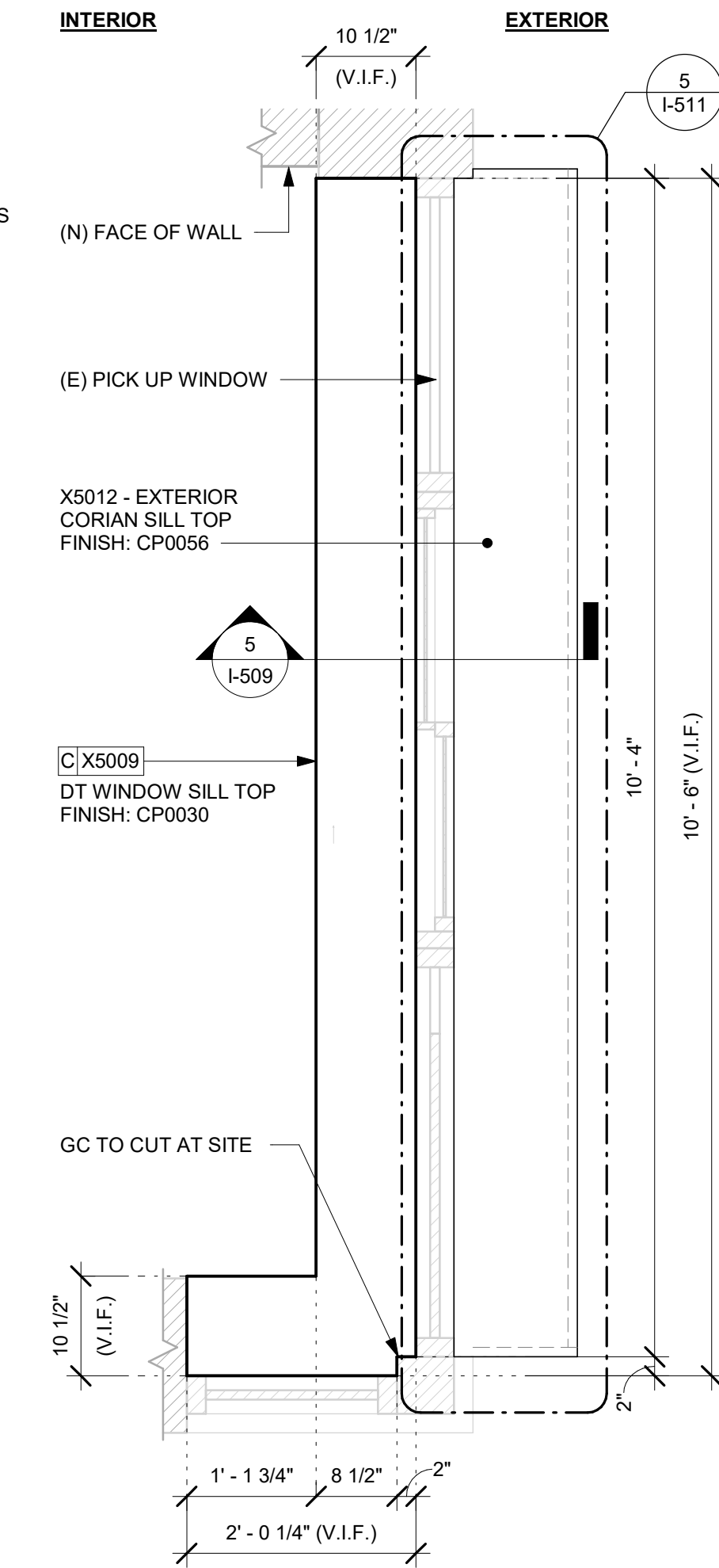
7 X5008 - DT SILL TOP - PLAN

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



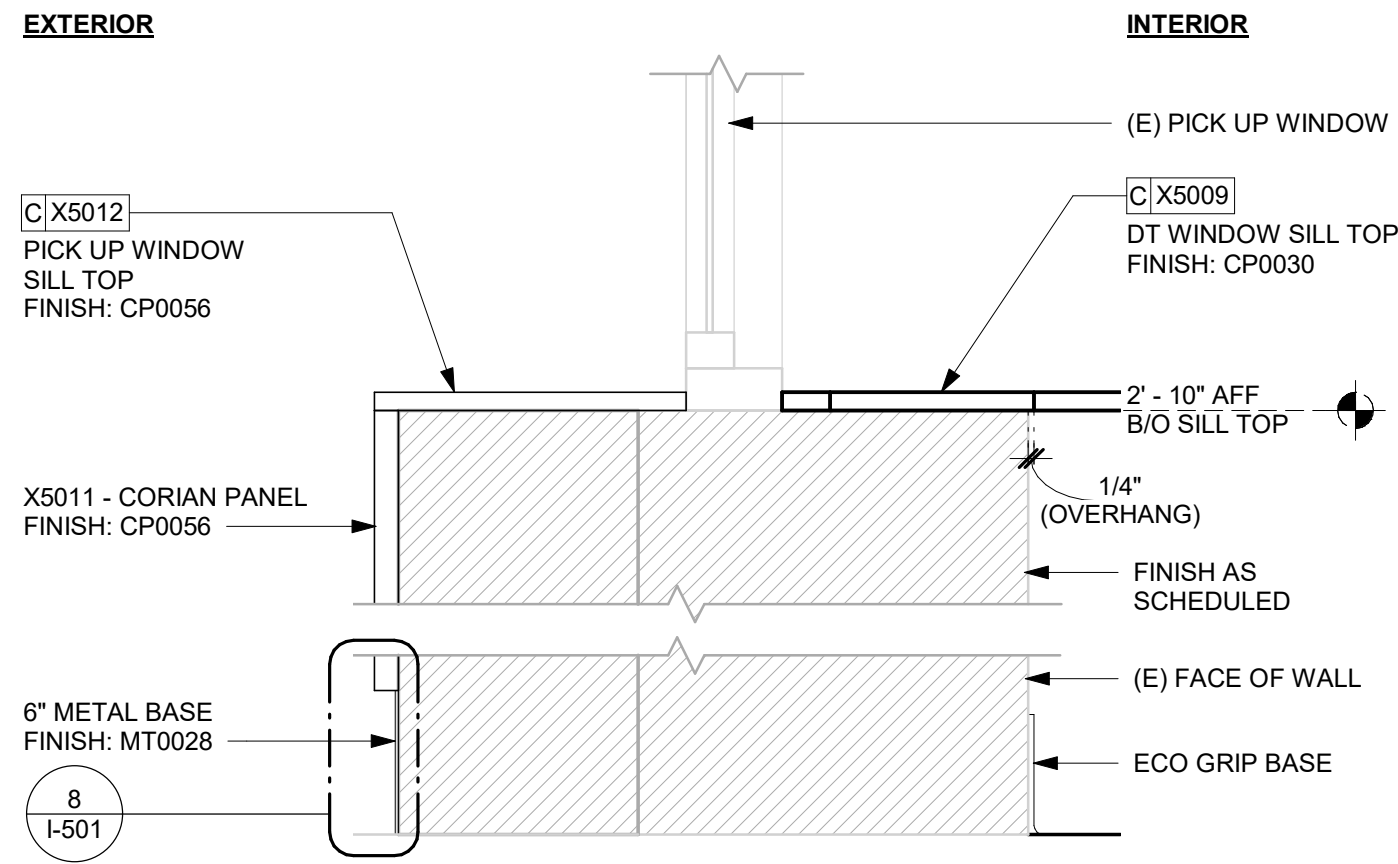
3 X5007 - WOOD SHELVES - SECTION

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



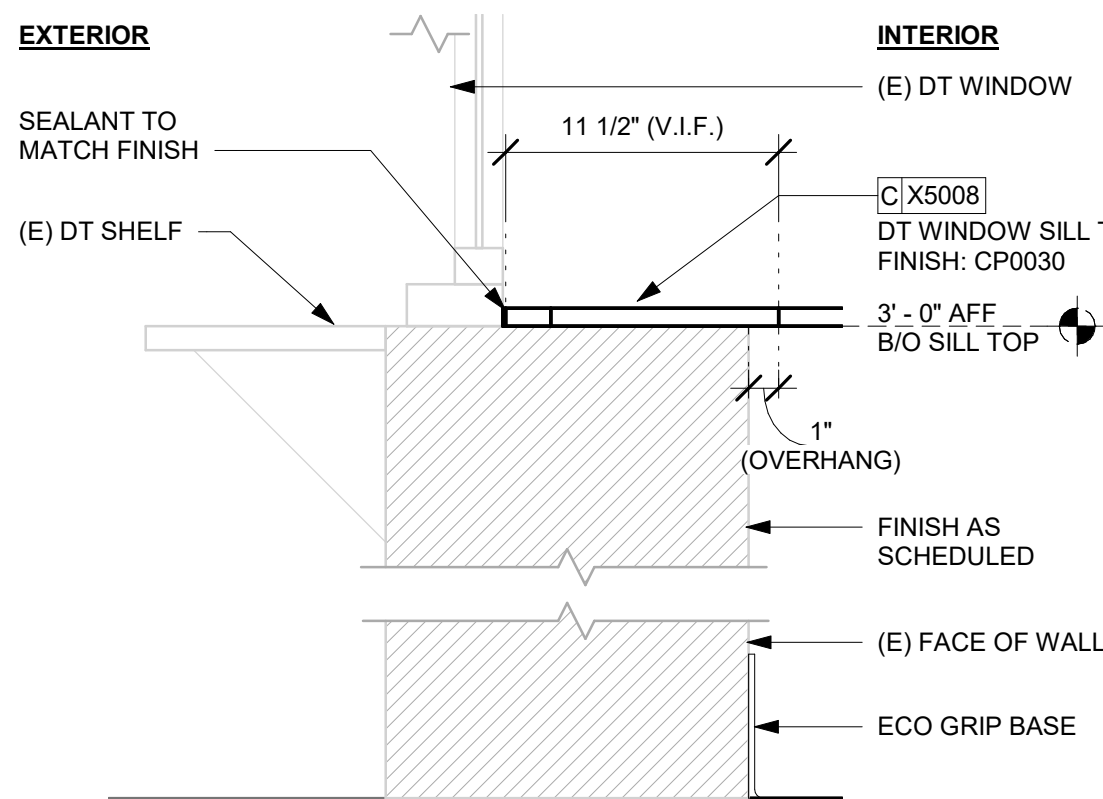
4 X5009 - PICK UP WINDOW SILL TOP - PLAN

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



5 X5009 - PICK UP WINDOW SILL TOP - SECTION

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



8 X5008 - DT SILL TOP - SECTION

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



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FOR CONSTRUCTION

PROJECT NAME:  
**US 17-92 & LAKE MARY BLVD**

PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 23773**

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGNER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**INTERIOR DETAILS**

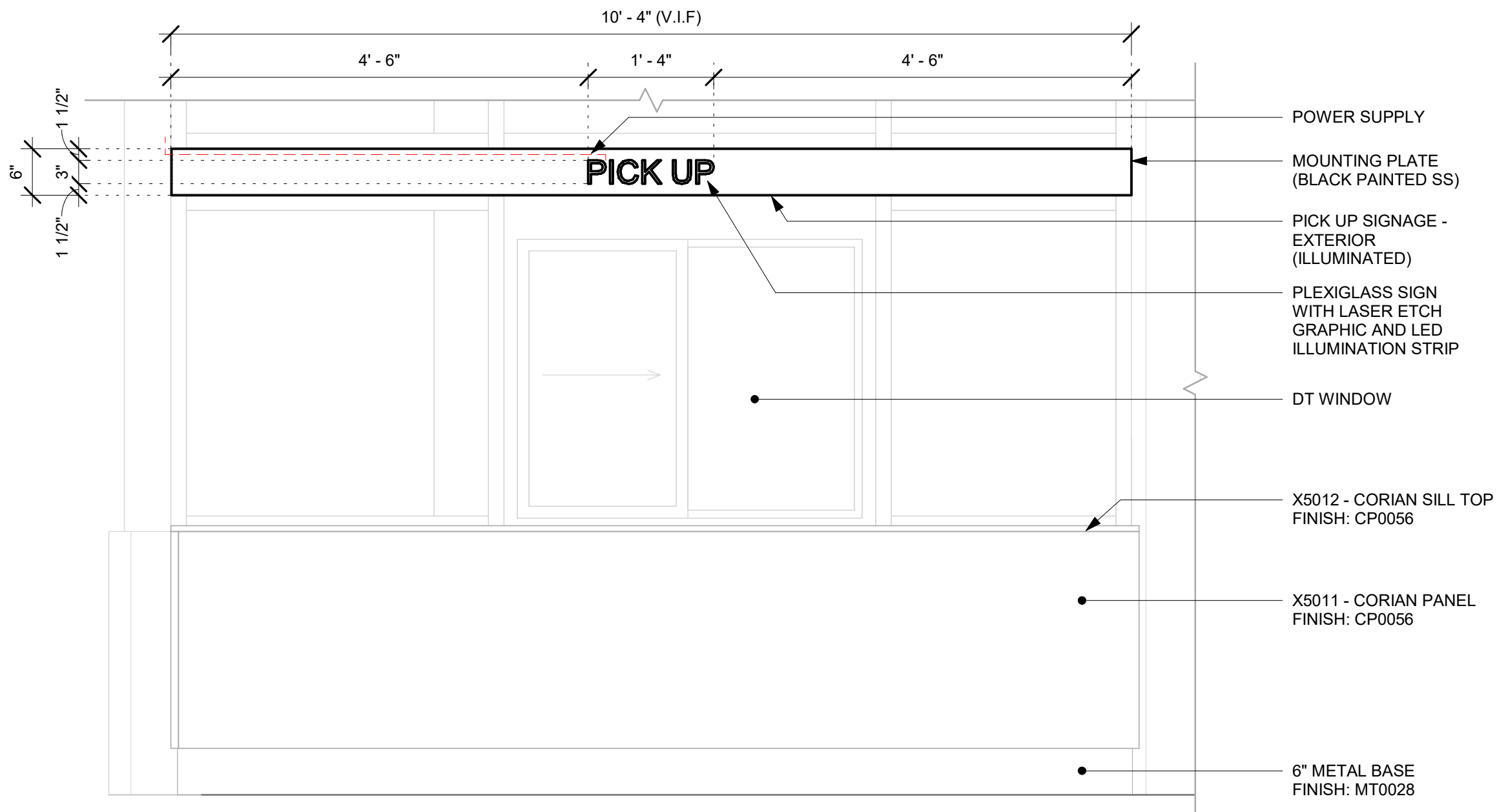
SCALE: AS SHOWN

SHEET NUMBER:

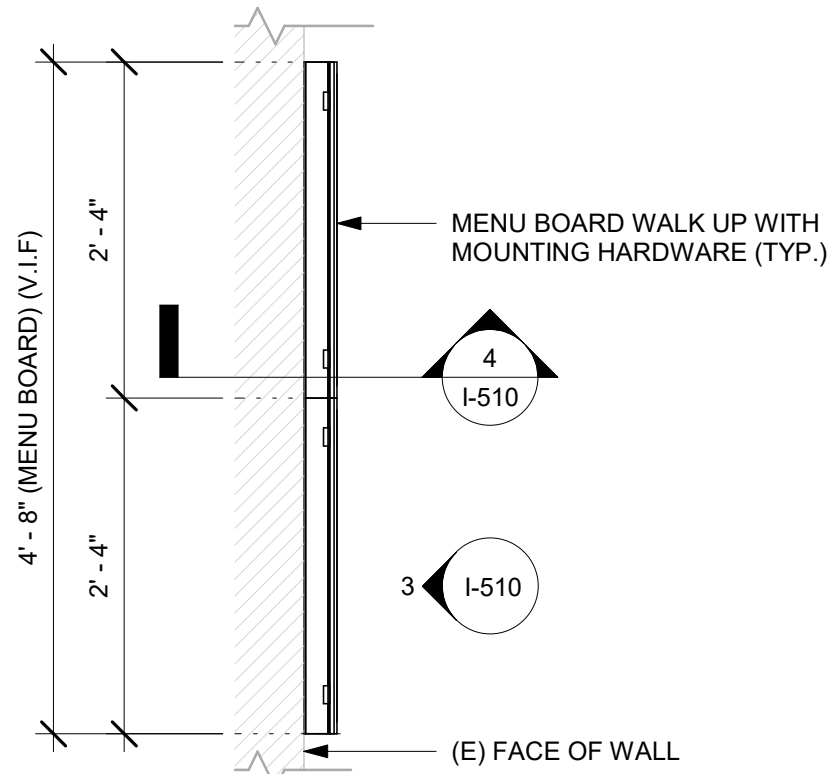
I-509



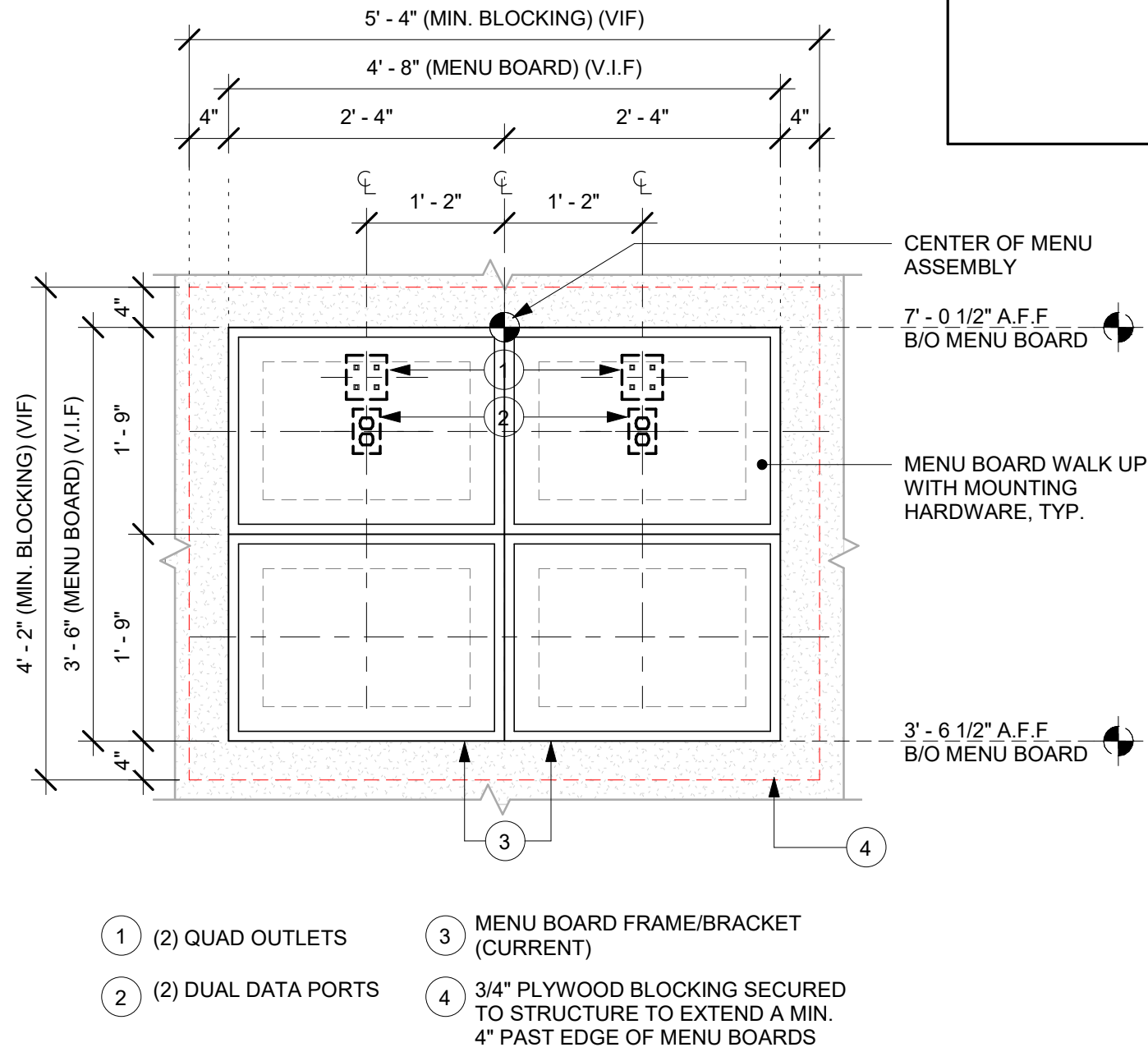
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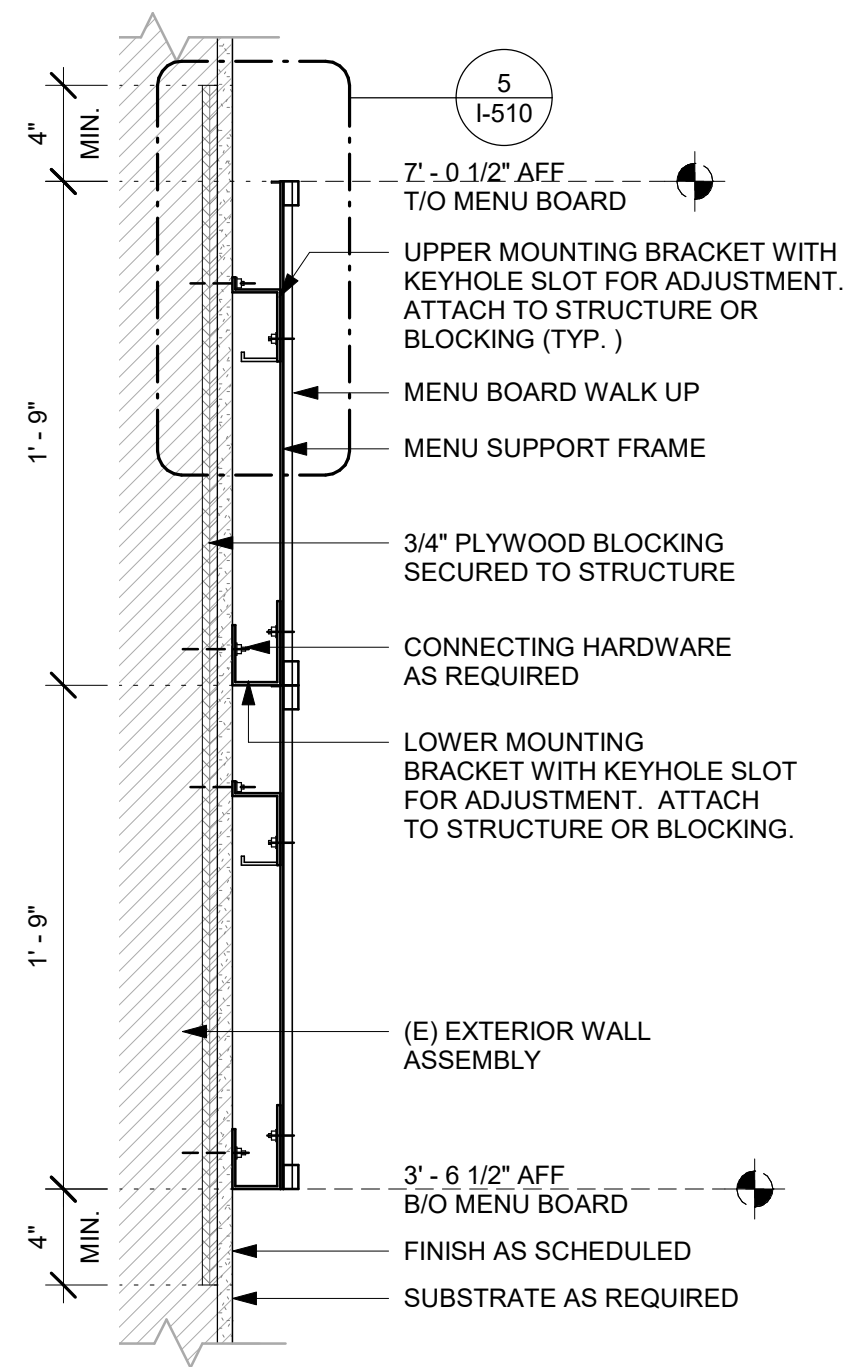
1 X0002 - PICK UP SIGNAGE - ELEVATION  
Scale: 3/4" = 1'-0"



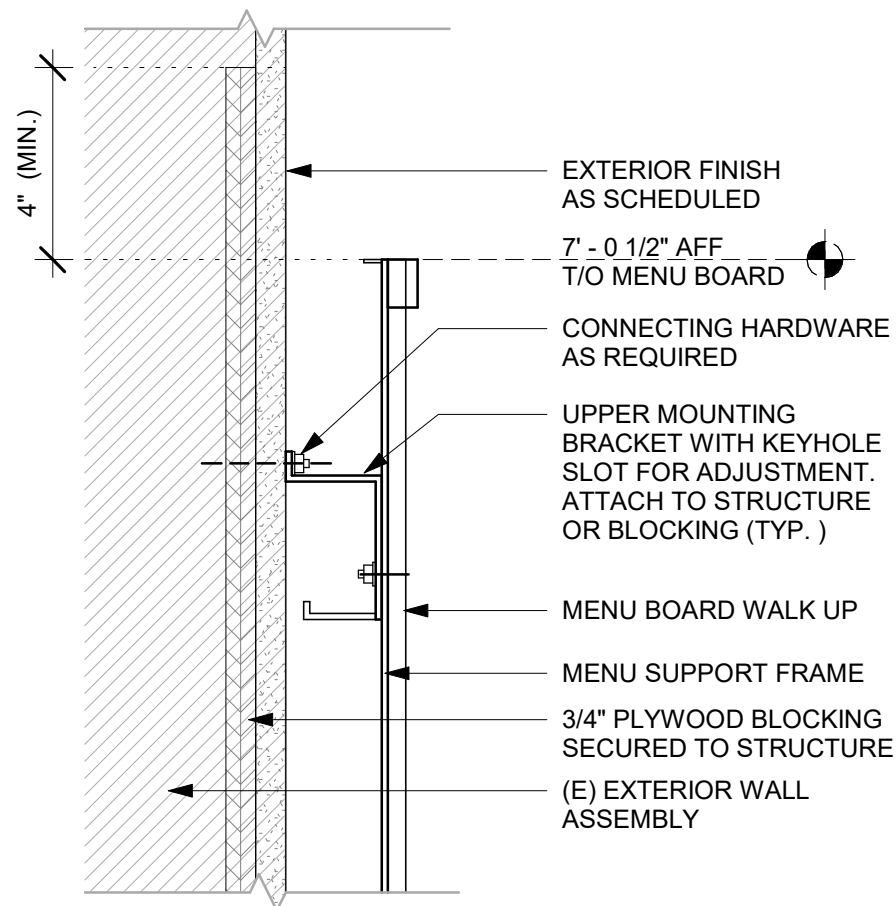
2 MENU BOARD WALK UP - PLAN  
Scale: 3/4" = 1'-0"



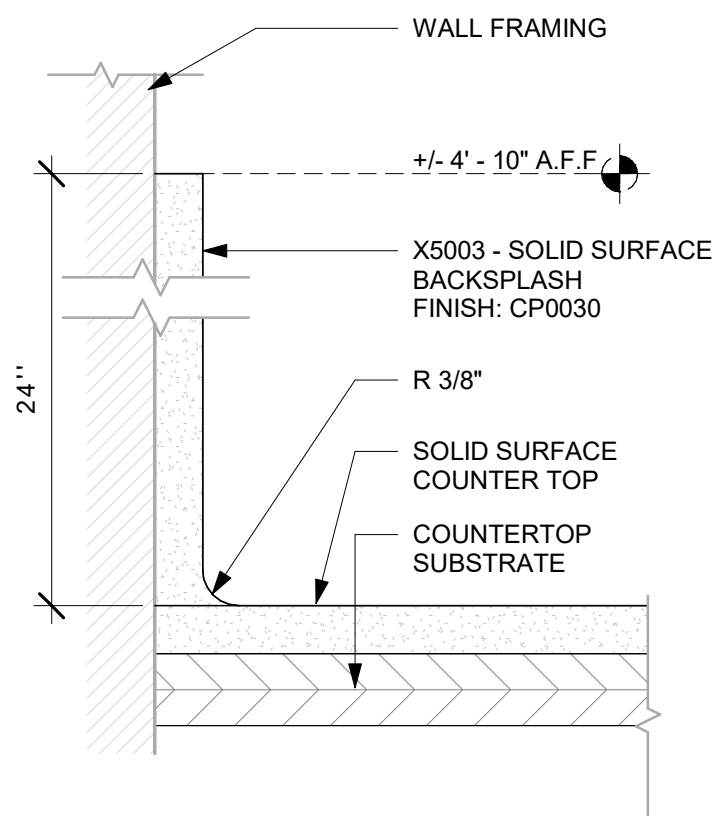
3 MENU BOARD WALK UP - ELEVATION  
Scale: 3/4" = 1'-0"



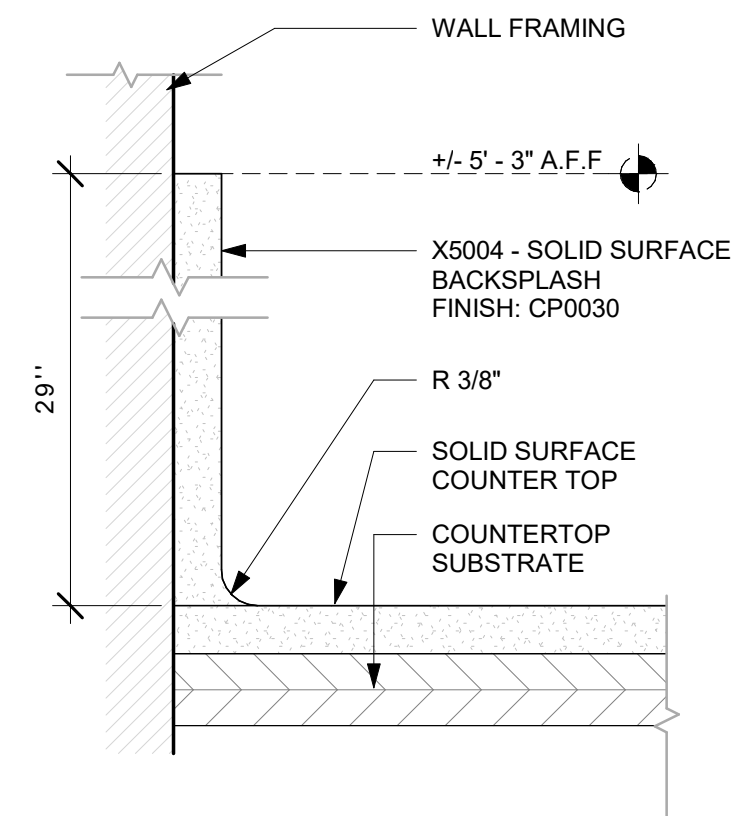
4 MENU BOARD WALK UP - SECTION  
Scale: 1 1/2" = 1'-0"



5 MENU BOARD FIXING DETAIL  
Scale: 3" = 1'-0"



6 24" BACKSPLASH DETAIL  
Scale: 6" = 1'-0"



7 29" BACKSPLASH DETAIL  
Scale: 6" = 1'-0"



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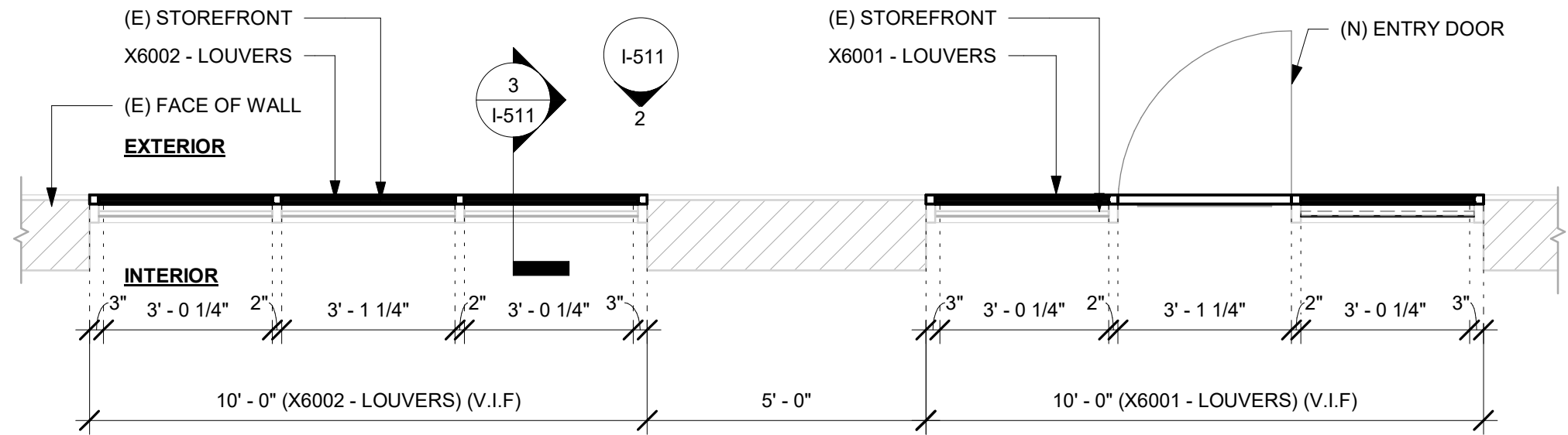
SHEET TITLE:  
**INTERIOR DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:  
**I-510**

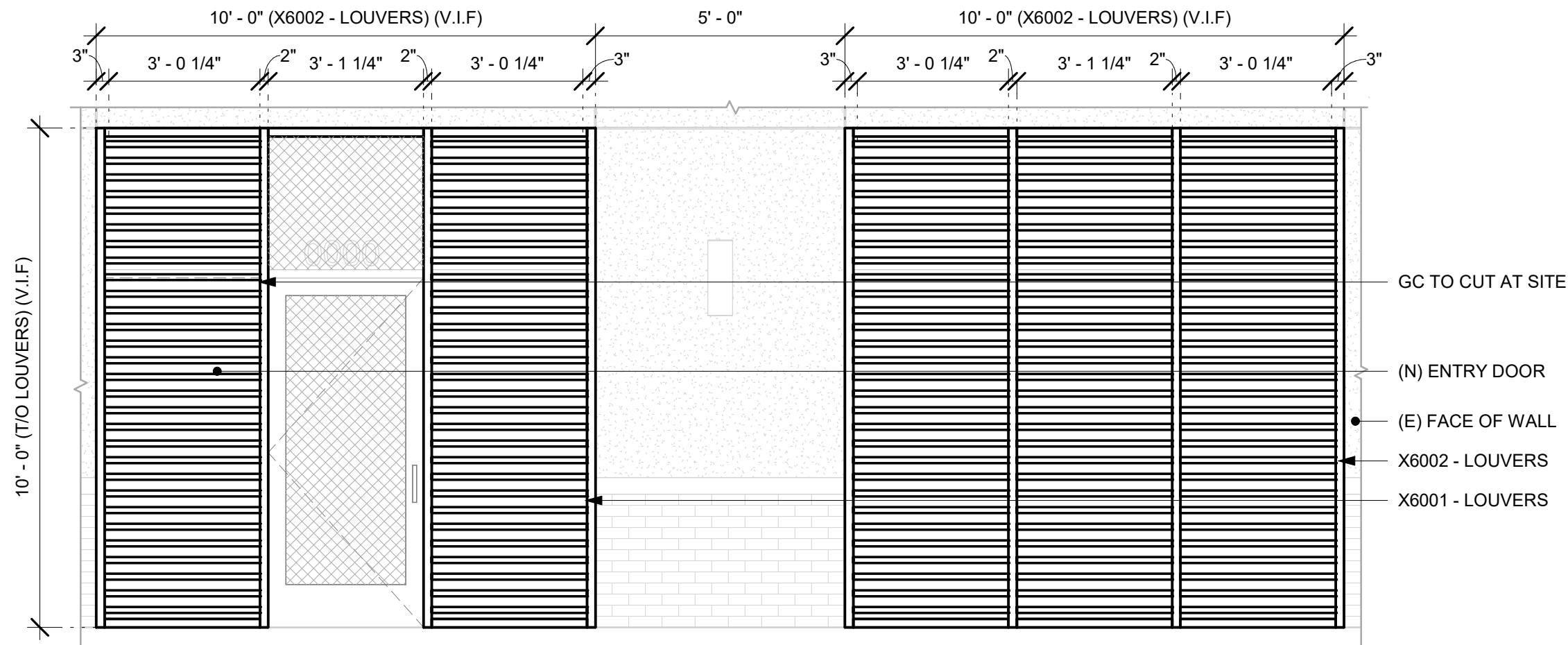


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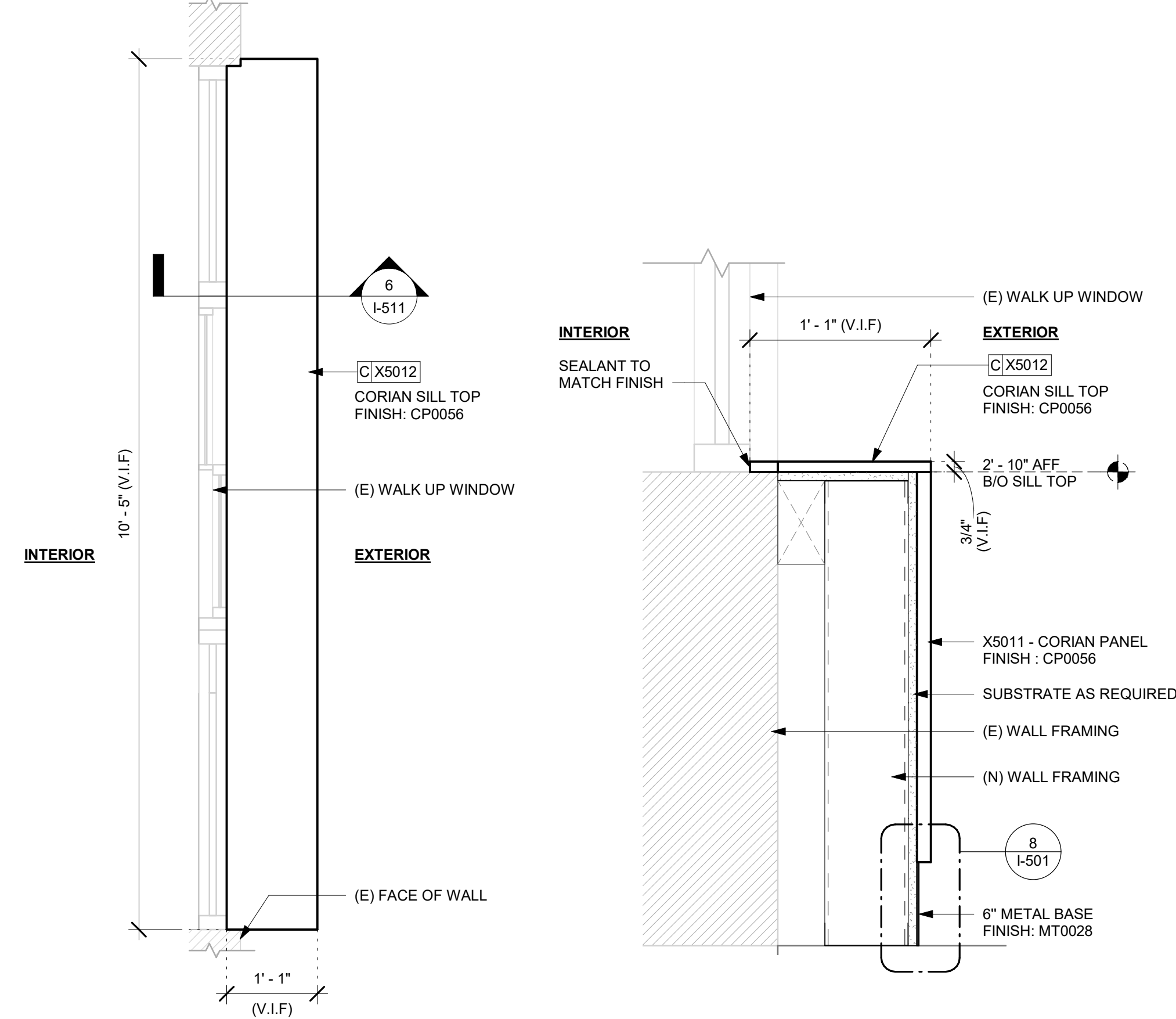
1 LOUVERS - PLAN

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



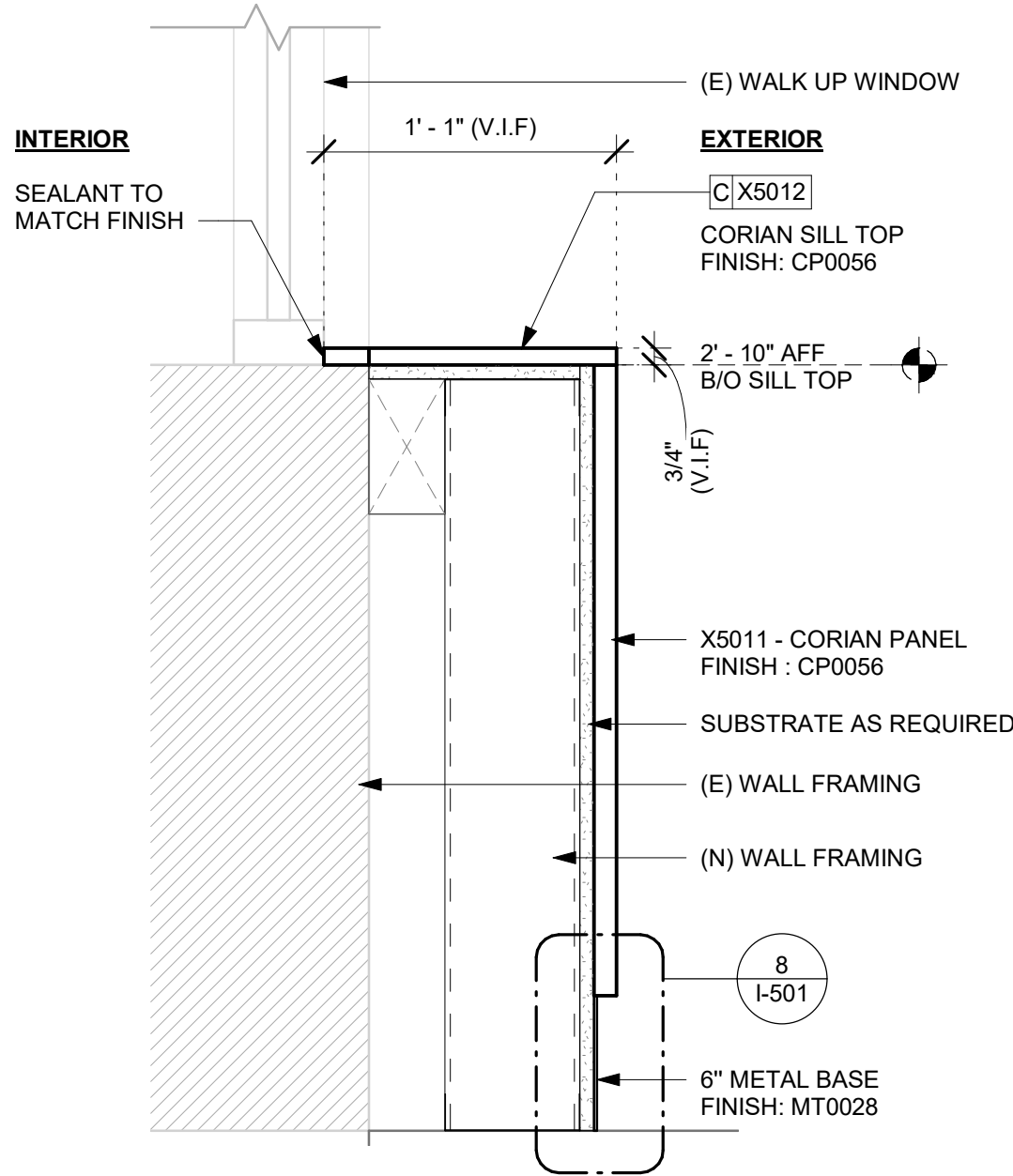
2 LOUVERS - ELEVATION

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



5 X5012 - CORIAN SILL TOP - PLAN

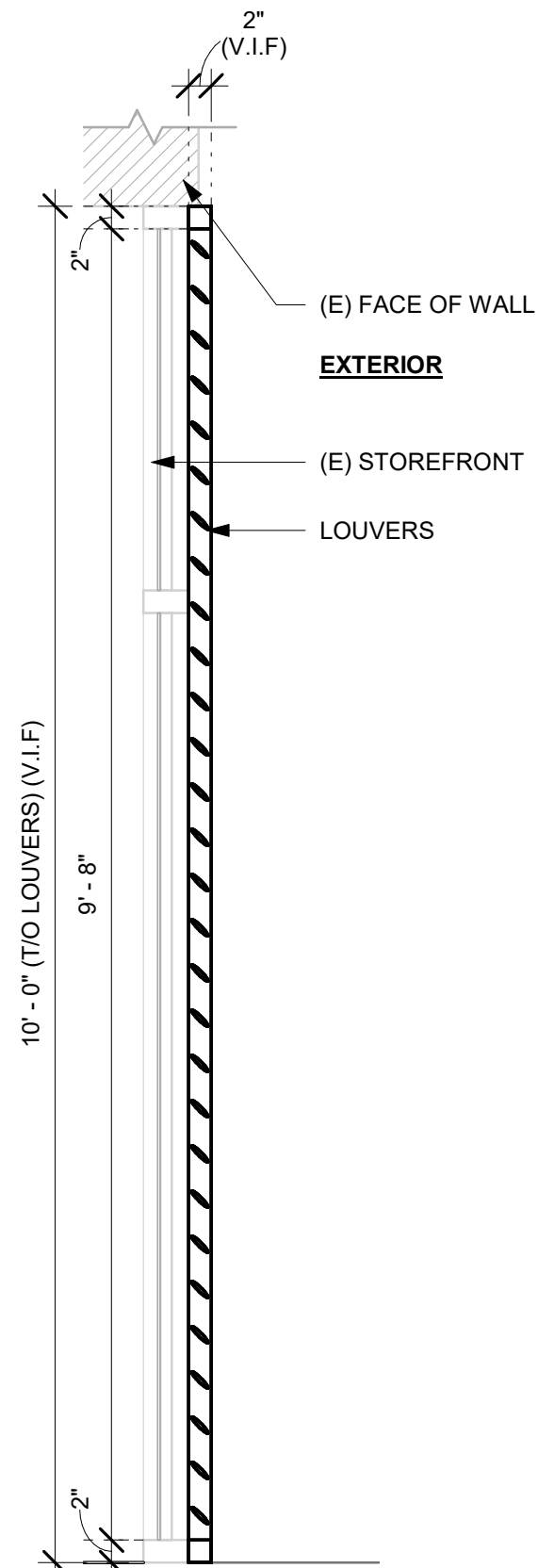
Scale: 3/4" = 1'-0"



6 X5012 - CORIAN SILL TOP - SECTION

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

INTERIOR



3 LOUVERS - SECTION

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

NOTES:

1. LOCATE PUMP WITHIN CORD LENGTH LIMIT. ORIENT WITH PUMP HEAD LEFT, RIGHT AND AT BOTTOM. LOOSEN PUMP HEAD CLAMP. ROTATE AND RE-TIGHTEN AS REQUIRED PER ORIENTATION TO PROVIDE FRONT ACCESS TO FLOW. ADJUSTMENT WITHIN CORD LENGTH LIMIT.

2. USE LOCKTITE ON ISOLATOR THREADS. DO NOT OVER TIGHTEN.

3. LOOSEN PUMP HEAD CLAMP. ROTATE AND RE-TIGHTEN AS REQUIRED FOR PUMP ORIENTATION.

4. EACH BACKER BOARD'S ASSEMBLY COMPONENTS INCLUDE:

- (1) BACKER BOARDS
- (4) TENETS, 1/4-20 VENDOR MOUNTED
- (8) WOOD SCREWS #8 1-1/4" (32MM)
- (4) NEOPRENE ISOLATORS, KARMAN RUBBER, K84-60

- (4) LOCK NUTS, 1/4-20 NYLON
- (4) WASHERS, 1/4" (7MM) FLAT

STEEL SUPPORT FRAME PER CASEWORK SHOP DRAWINGS

23.685" H X 12" W (602MM X 305MM), 3/4" MARINE GRADE PLYWOOD BACKER BOARD SECURED TO STEEL FRAME WITH THRU BOLTS AND SILICONE ADHESIVE PER CASEWORK SHOP DRAWINGS

SEE NOTES ABOVE FOR ASSEMBLY ITEMS

PUMP ATTACHED TO BACKER BOARD WITH ASSEMBLY COMPONENTS

10"X10" (250MM X 250MM) BACKER BOARD. ATTACH TO PLYWOOD SUBSTRATE WITH SILICONE ADHESIVE AND WOOD SCREWS. SILICONE PERIMETER.

FINISHED FLOOR

ADAPTABLE CASEWORK DETAIL

4 ESPRESSO PUMP MOUNTED AT CABINET

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

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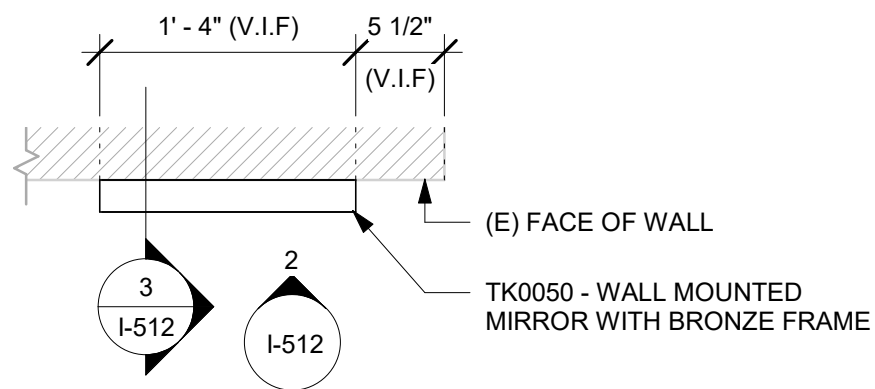
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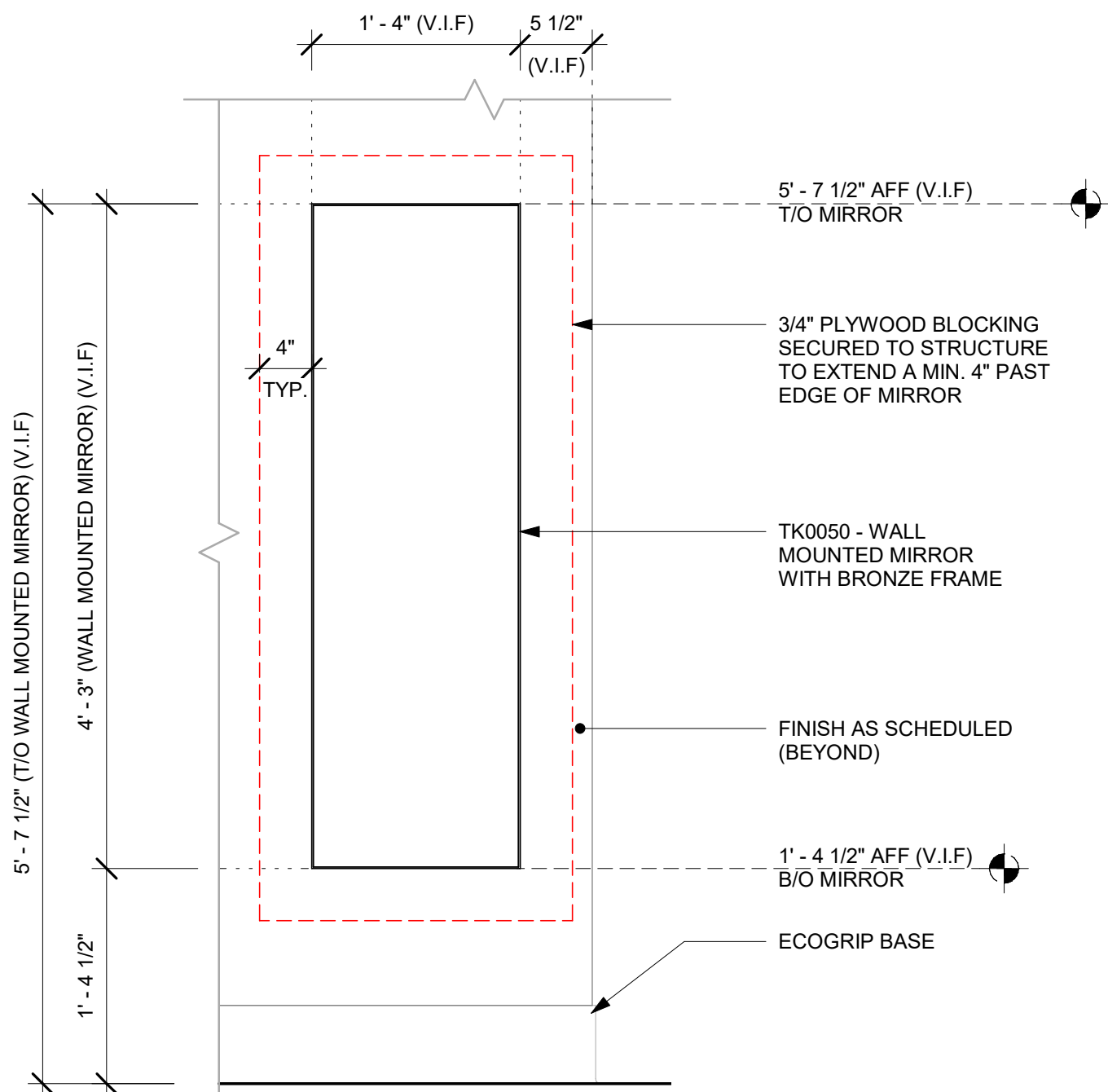
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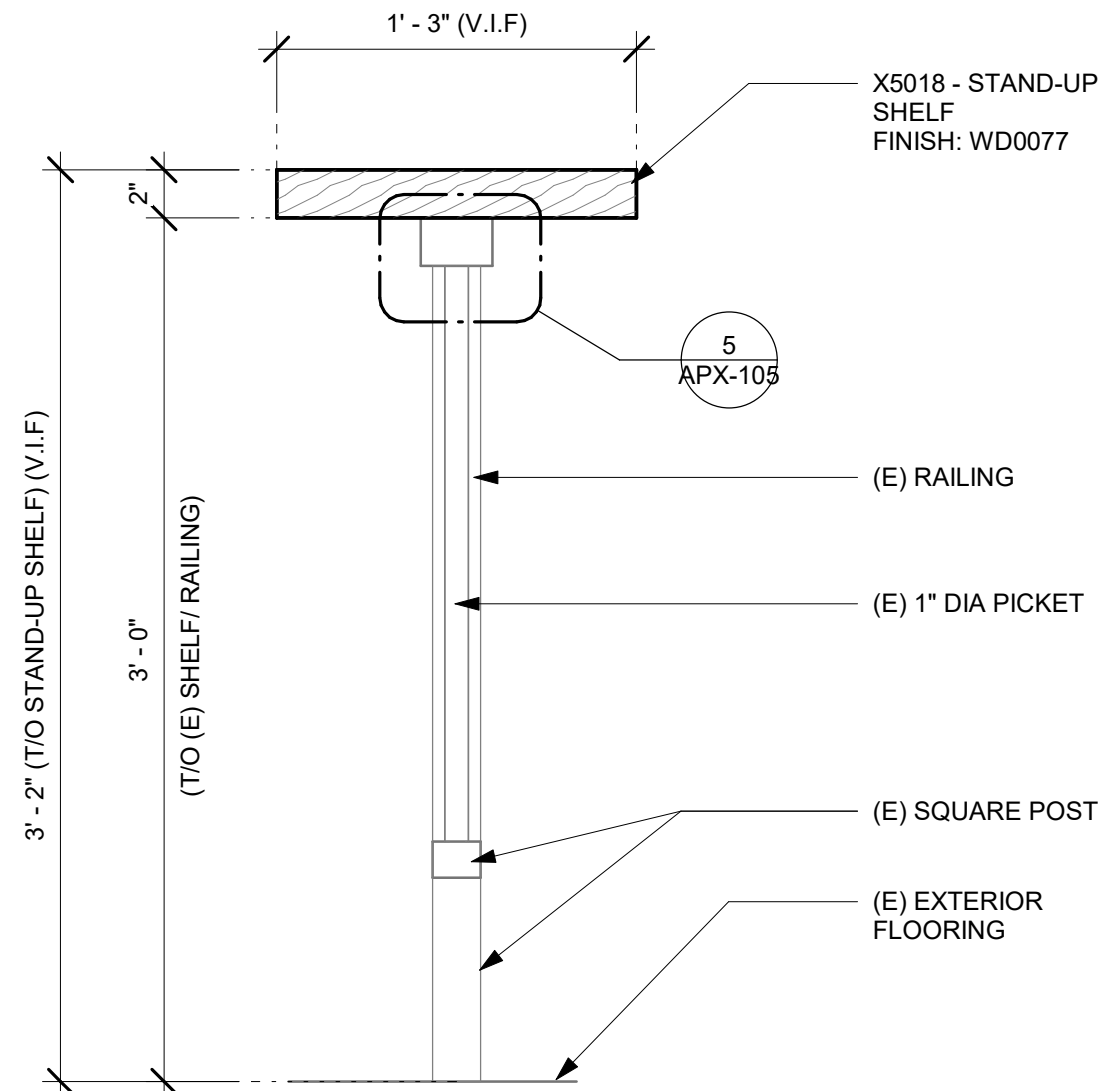
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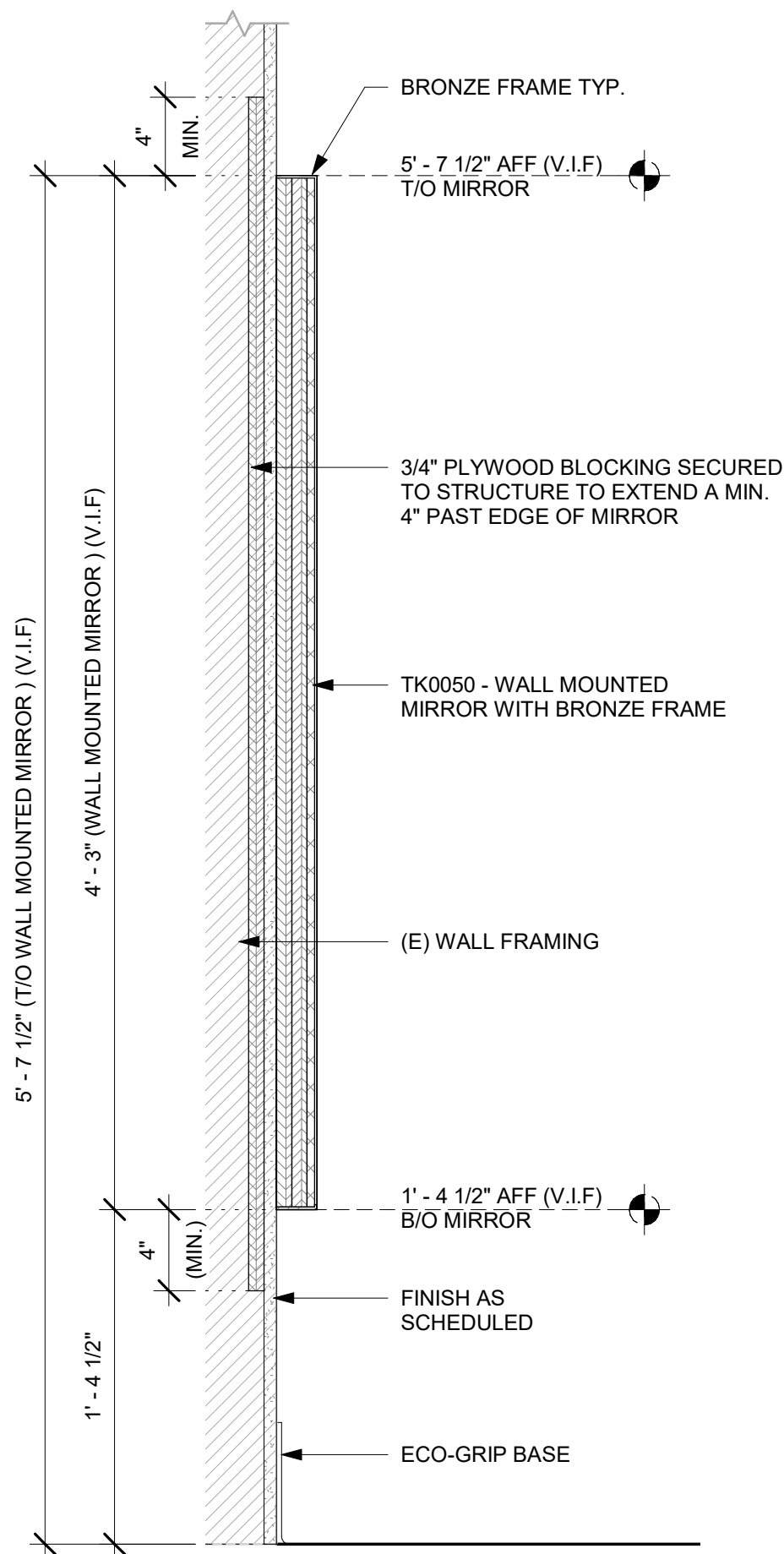
1 TK0050 - MIRROR - PLAN  
Scale: 1" = 1'-0"



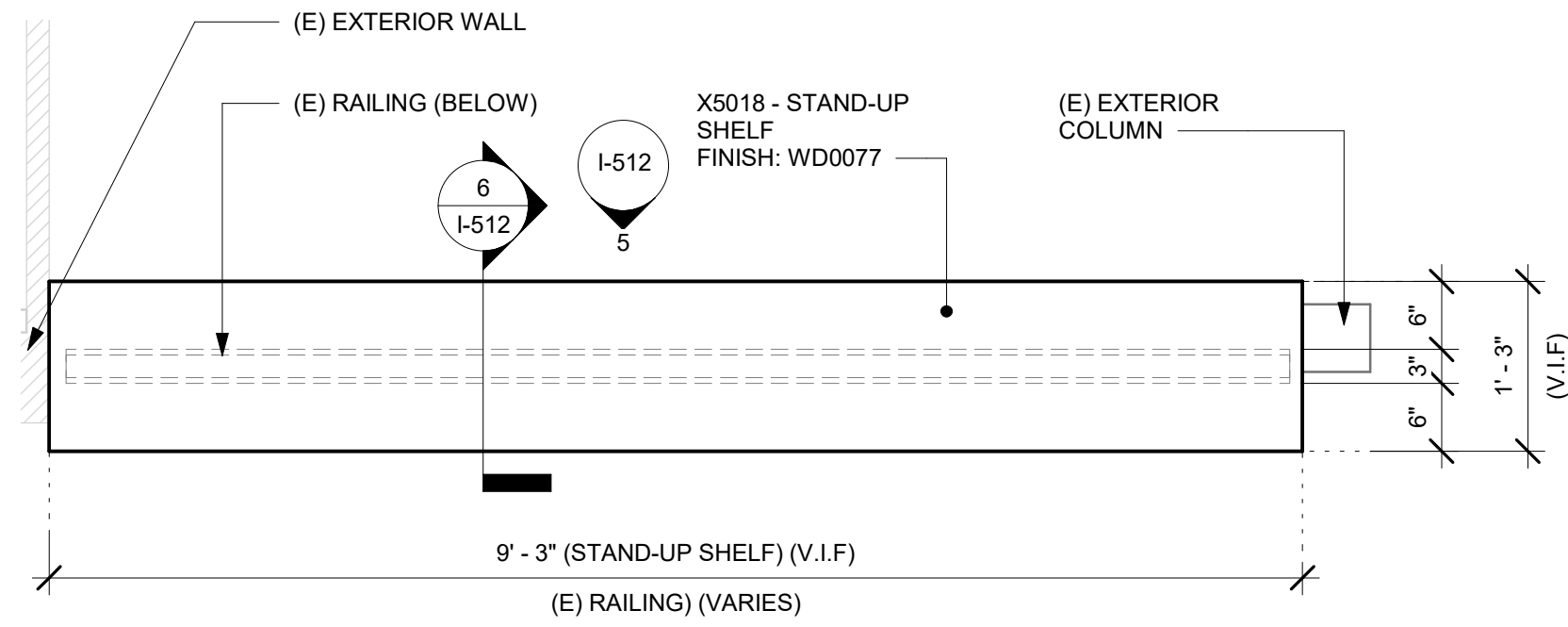
2 TK0050 - MIRROR - ELEVATION  
Scale: 1" = 1'-0"



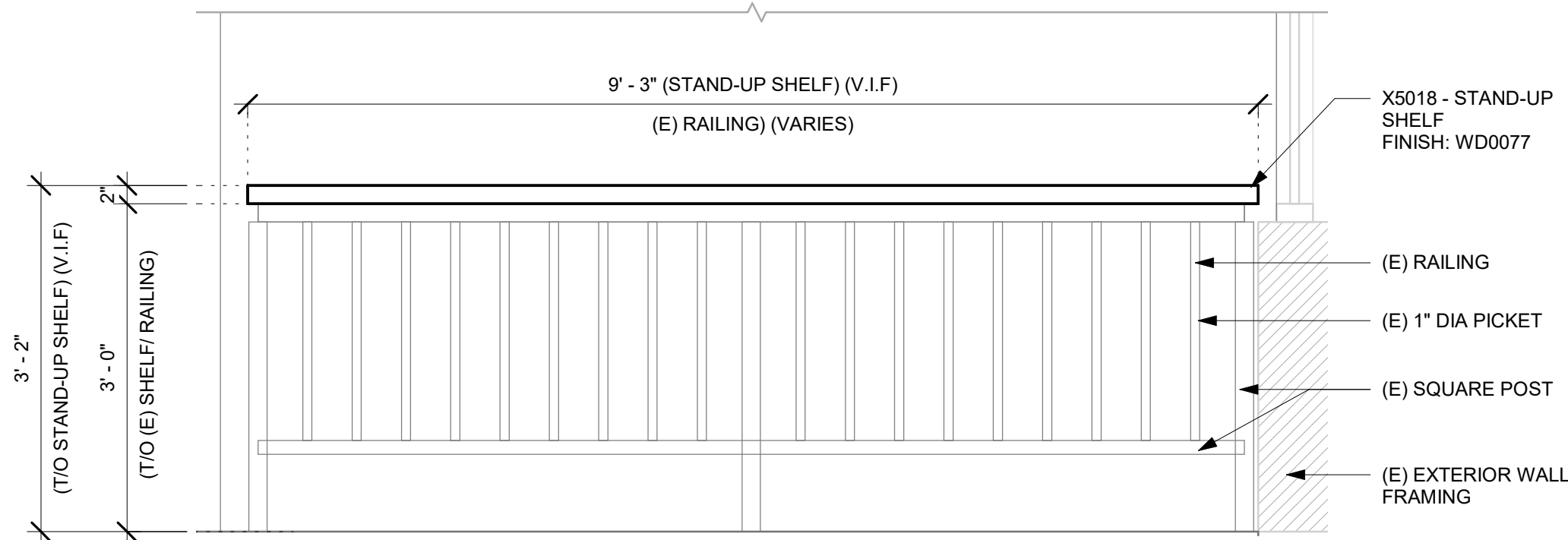
6 X5018 - STAND UP SHELF - SECTION  
Scale: 1 1/2" = 1'-0"



3 TK0050 - MIRROR - SECTION  
Scale: 1 1/2" = 1'-0"



4 X5018 - STAND UP SHELF - PLAN  
Scale: 3/4" = 1'-0"



5 X5018 - STAND UP SHELF - ELEVATION  
Scale: 3/4" = 1'-0"



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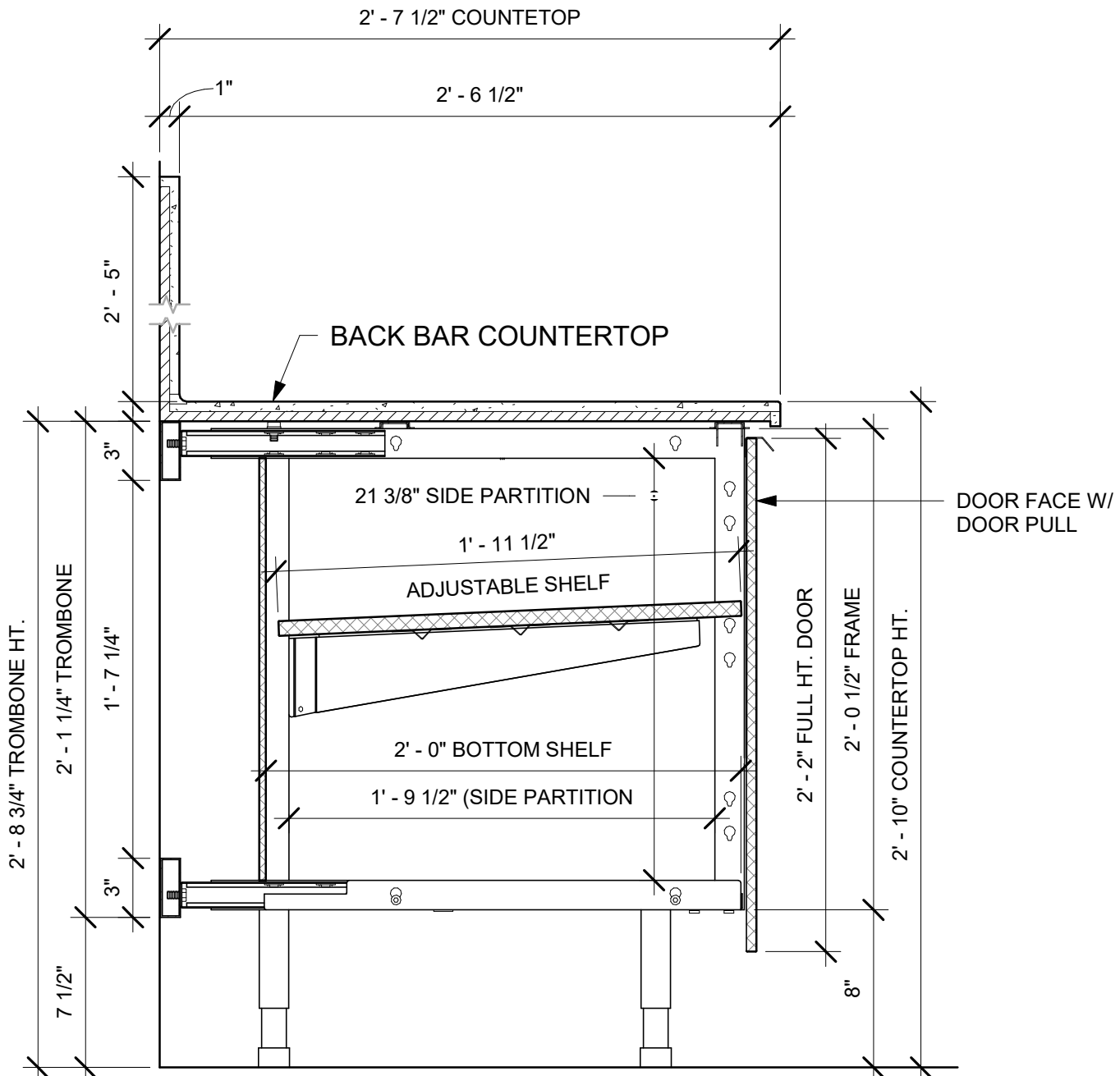
SHEET TITLE:  
**INTERIOR DETAILS**

SCALE: AS SHOWN

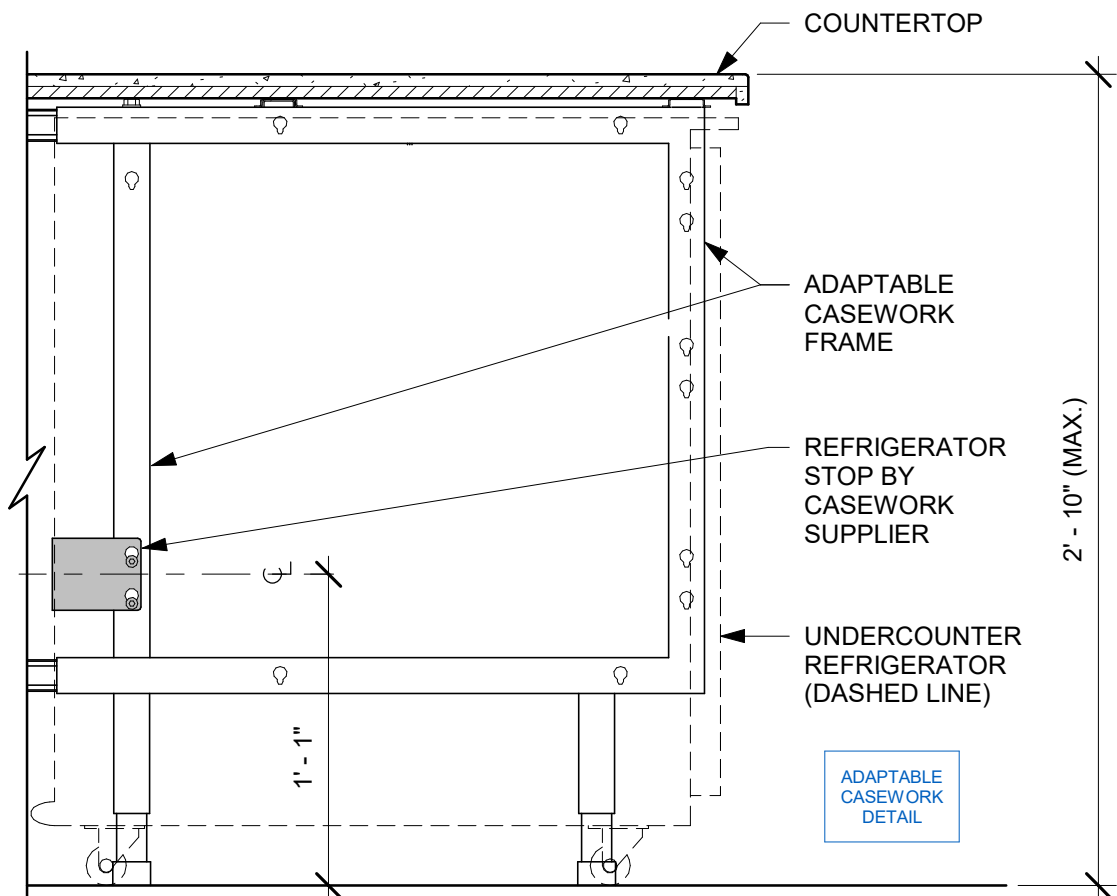
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**I-512**



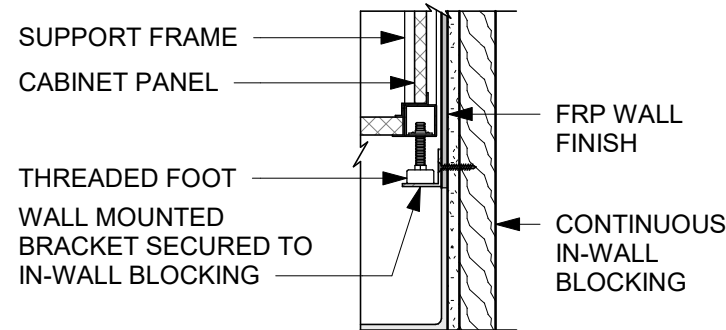
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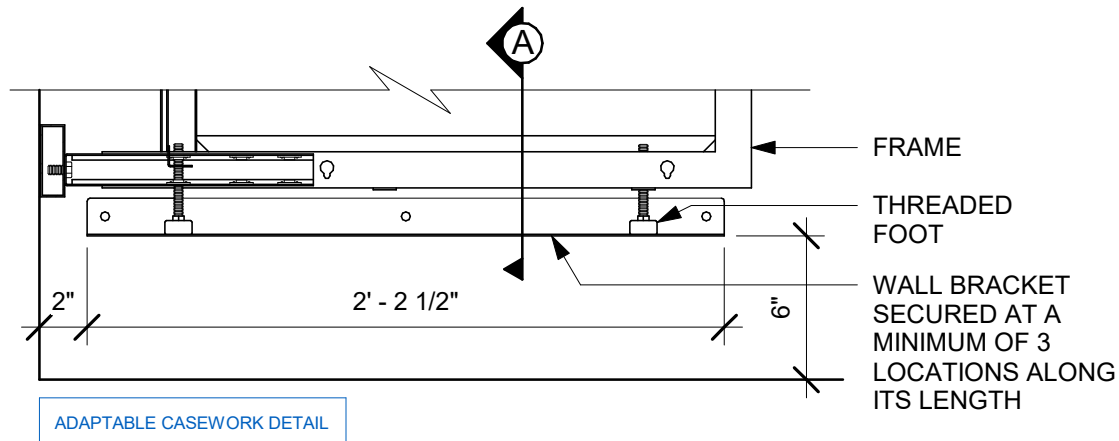
1 AC BACK BAR CABINET ASSEMBLY ON LEGS SECTION  
Scale: 1 1/2" = 1'-0"



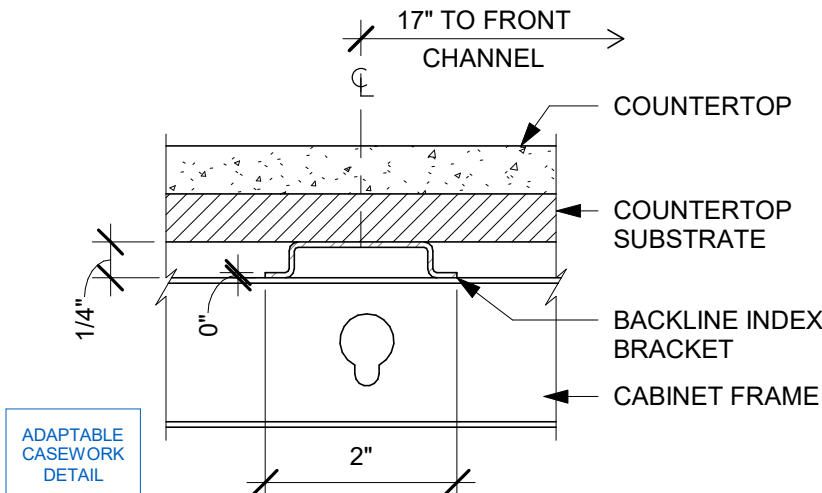
2 AC UNDERCOUNTER REFRIGERATOR SECTION  
Scale: 1 1/2" = 1'-0"



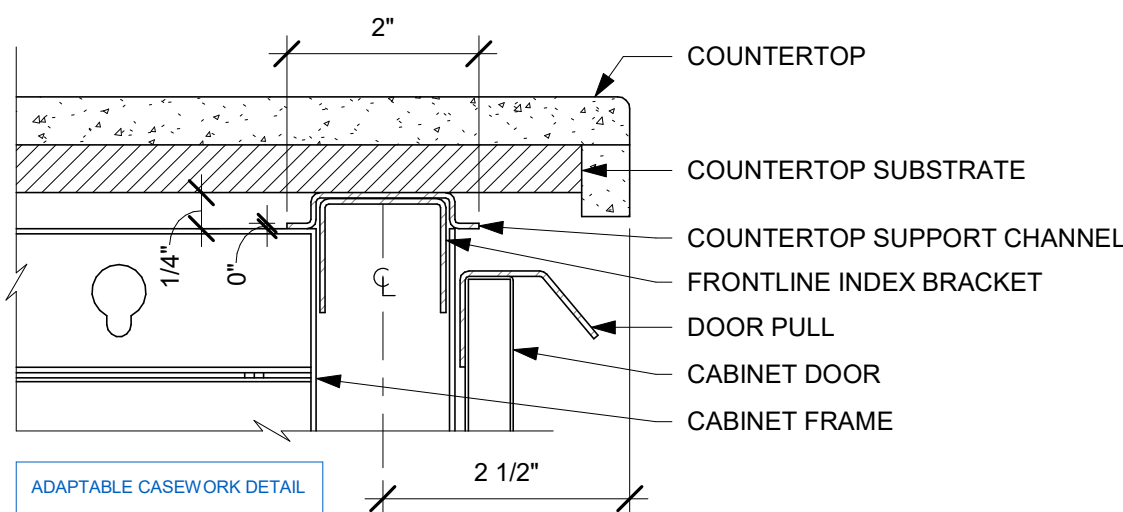
SECTION A



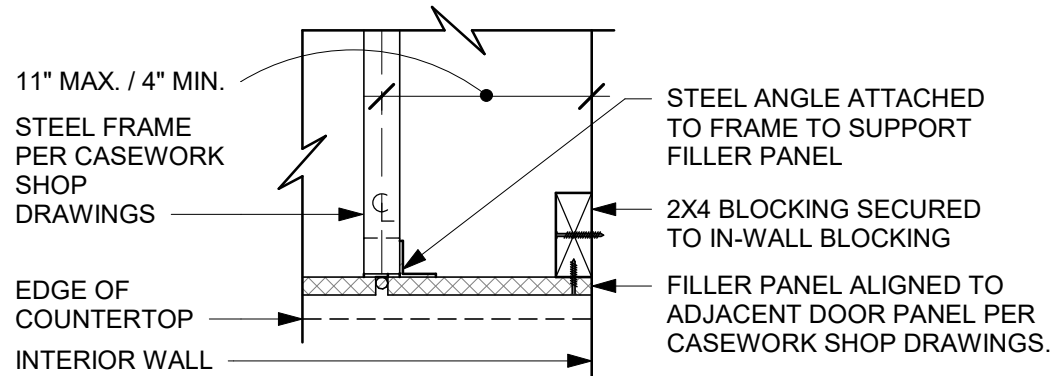
3 AC BACKLINE WALL BRACKET ASSEMBLY  
Scale: 1 1/2" = 1'-0"



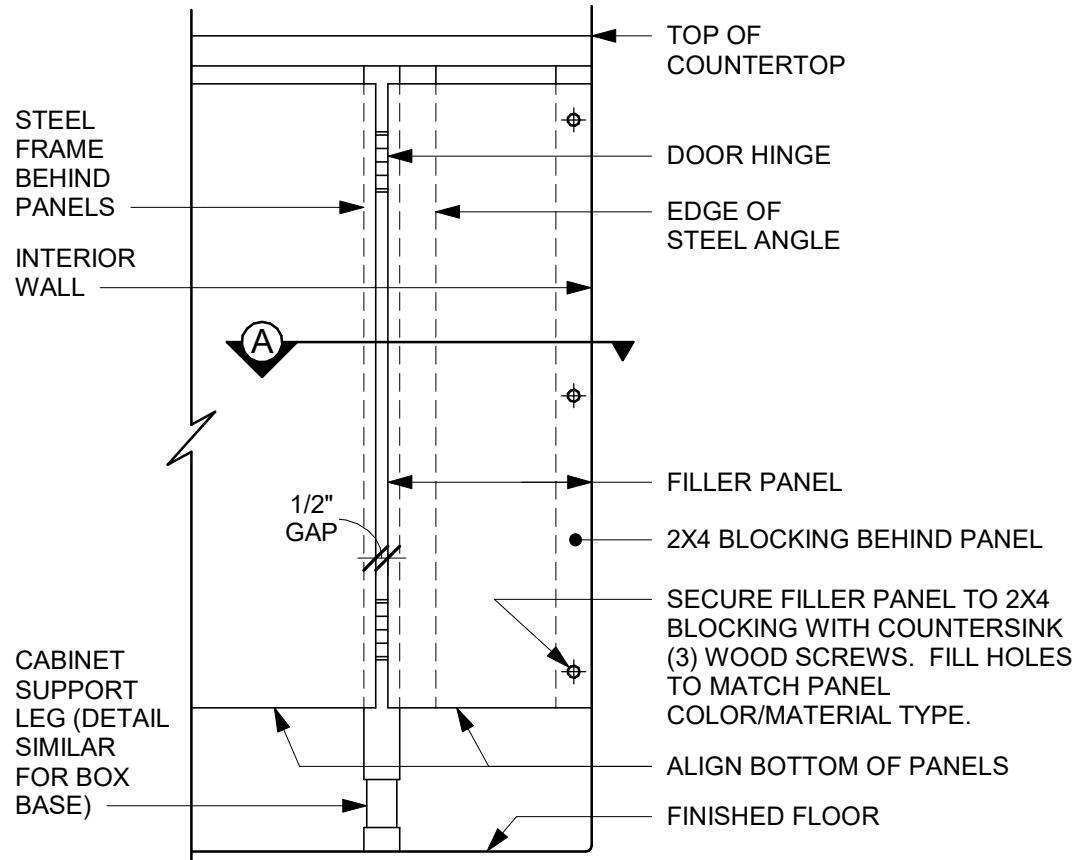
4 AC COUNTERTOP SUPPORT CHANNEL  
Scale: 6" = 1'-0"



5 AC COUNTERTOP FRONT HAT SUPPORT CHANNEL  
Scale: 6" = 1'-0"



SECTION A



FRONT ELEVATION

ADAPTABLE CASEWORK DETAIL

6 FILLER PANEL AT WALL  
Scale: 1 1/2" = 1'-0"



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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**INTERIOR DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:  
**I-513**



DATA DEVICE SCHEDULE - "A"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
AUDIO VISUAL					
10005	1	MUSIC SYSTEM	SB	VD	
10012	1	DT COMMUNICATION SYSTEM	SB	VD	
10013	3	DT QUEUE CAMERA	SB	VD	
10015	3	SPEAKER RECESSED - WHITE	SB	GC	
10017	2	SPEAKER SURFACE MOUNTED	SB	GC	BLACK EXTERIOR
12336	1	DT TIMER SYSTEM	SB	VD	
19339	1	AMPLIFIER - 40W	SB	VD	
22549	3	SPEAKER GRILLE RECESSED - BLACK	SB	GC	
22725	1	DT DIGITAL PRODUCTION MONITOR	SB	VD	
22726	1	DT POS MONITOR ARM TRIPLE SURFACE MOUNTED	SB	VD	PART OF RETAIL IT EQUIPMENT PACKAGE PART OF RETAIL IT EQUIPMENT PACKAGE
DATA					
10002	1	COMPUTER MANAGER WORKSTATION	SB	VD	
10007	1	PRINTER MANAGER WORKSTATION	SB	VD	
18744	1	EQUIPMENT RACK WITH LOCK - 24IN 610MM	SB	GC	
20294	4	IOT MODULE	SB	GC	
POINT OF SALE					
10008	1	POS - REGISTER WITH COMPACT CASH DRAWER	SB	VD	
10014	2	POS PRINTER	SB	VD	
10022	1	MONEY COUNTER	SB	VD	
10029	4	POS BANK	SB	GC	
10075	4	CUP LABELER	SB	VD	
14677	1	POS - DT TENDERING REGISTER	SB	VD	PART OF RETAIL IT EQUIPMENT PACKAGE
14678	1	POS - DT EXPEDITOR	SB	VD	PART OF RETAIL IT EQUIPMENT PACKAGE
SECURITY					
10025	1	SAFE RH - 20X18X26IN 510X455X660MM	SB	GC	
10028	1	SAFE BASE	SB	GC	

WALL BASE SCHEDULE - "B"					
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
METAL BASE					
X9101	11' - 11"	METAL BASE - 6IN 150MM - BLACK - MT0028	GC	GC	PROVIDED BY CASEWORK VENDOR
TILE BASE					
19795	277' - 5 3/4"	POLYVINYL TILE BASE SHEET - ECO-GRIP - PEWTER - 6X96IN 150X2438MM	GC	GC	
X9102	27' - 6 1/2"	SCHLUTER BASE - DILEX - AHK ALUMINUM TRIM	GC	GC	SCHLUTER SYSTEM WILL REQUIRE USE OF 90 DEGREE CORNER PIECE TO ACCOMODATE FOR RADIUS TRIM PROFILE.

DOOR SCHEDULE - "D"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DOOR					
10190	1	DOOR - SINGLE FLUSH - 36IN - TYPE E	SB	GC	DOOR FINISH: WD0035 (STAIN TO MATCH), FRAME FINISH: SW6991-SG; LOCKNET; SEE HARDWARE SET #6, DOOR TYPE E
X2001	1	DOOR - STOREFRONT METAL FRAME SINGLE - TYPE B	EXIST	EXIST	DOOR; LOCKNET; DOOR FINISH: DID19458 DUSTED CRYSTAL; FRAME FINISH: BLACK ANODIZED ALUMINIUM; SEE HARDWARE SET # 2
X2002	1	DOOR - SINGLE FLUSH - SERVICE DOOR - 42IN - TYPE F	EXIST	EXIST	DOOR FINISH: SW7033-ES, FRAME FINISH: SW7033-SG; LOCKNET; SEE HARDWARE SET #42, DOOR TYPE F;

FURNITURE SCHEDULE - "F"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CHAIR					
21373	3	CHAIR - CAFE PEGGY UPHOLSTERED - WALNUT AND CARAMEL BROWN NATURAL WD0077 F0008	SB	GC	
21538	1	CHAIR - CAFE DAPHNE UPHOLSTERED - BLACK AND CARAMEL BROWN NATURAL WD0035 F0008	SB	GC	
TK0077	1	CHAIR - MANAGERS WORKSTATION	SB	GC	STEELCASE SERIES ONE ARMLESS
DESK					
TK0053	1	DESK - MANAGERS WORKSTATION SHELVES - 48IN 1220MM	SB	GC	
TK0076	1	DESK - MANAGERS WORKSTATION - 48X24X27IN 1220X610X685MM	SB	GC	
MIRROR					
10093	1	MIRROR - RESTROOM - 18X30IN 455X760MM	SB	GC	
TK0050	1	MIRROR - BOH - 16X51IN 405X1295MM	SB	GC	SEE DETAIL: 1/I-512
OTHER					
10756	1	COAT HOOK 1 PRONG SQUARE - 2IN 50MM - SST	SB	GC	
TK0051	1	COAT HOOK STRIP - 30IN 760MM	SB	GC	BLACK FINISH
STORAGE					
TK0078	1	FILE MOBILE PEDESTAL WITH CUSHION AND LOCK	SB	GC	
TK0079	1	MANAGERS DESK CART - 24X20IN 610X510MM	SB	GC	
TABLE					
21449	1	TABLE - BASE CAFE HEIGHT BOTTLE - FLAT BLACK MT0028	SB	GC	
21844	1	TABLE - TOP ROUND EDGE ROUND - 30IN 760MM - WALNUT WD0077	SB	GC	
TK0027	1	TABLE - OCCASIONAL SIDE COCO	SB	GC	CONTACT: TRADE@BLUDOT.COM
WINDOW TREATMENT					
22486	9	ROLLER SHADE - DARK BROWN - 5PC OPEN	SB	VD	LENGTH TO ALIGN WITH BOTTOM MULLION; LENGTH REQUIRED: (9) 3' - 1 1/4" LENGTH

CASEWORK SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CABINET					
17580	2	CABINET - CBE TEA SHELF - 29IN 735MM - FLAT BLACK MT0028	SB	GC	PROVIDED BY CASEWORK VENDOR
19281	2	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC	
21890	33	CABINET - SIDE PANEL	SB	GC	
21891	13	CABINET - BOTTOM SHELF - 15IN 380MM	SB	GC	
21892	8	CABINET - BACK PANEL - 15IN 380MM	SB	GC	
21893	8	CABINET - ADJUSTABLE SHELF - 15IN 380MM	SB	GC	
21894	12	CABINET - DOOR - 15IN 380MM	SB	GC	FINISH: CP0024
21895	6	CABINET - DOOR TRASH - 15IN 380MM	SB	GC	FINISH: CP0024
21896	1	CABINET - DRAWER - 15IN 380MM	SB	GC	FINISH: CP0024
21898	1	CABINET - BOTTOM SHELF - 18IN 455MM	SB	GC	
21901	1	CABINET - DOOR - 18IN 455MM	SB	GC	FINISH: CP0024
21902	6	CABINET - BOTTOM SHELF - 30IN 760MM	SB	GC	
21903	4	CABINET - BACK PANEL - 30IN 760MM	SB	GC	
21904	6	CABINET - ADJUSTABLE SHELF - 30IN 760MM	SB	GC	
21905	5	CABINET - DOOR - 30IN 760MM	SB	GC	FINISH: CP0024
21907	3	CABINET - END CAP BACKBAR	SB	GC	FINISH: CP0024
21908	4	CABINET - FILLER PANEL - VARIABLE LENGTH	SB	GC	FINISH: CP0024; LENGTH REQUIRED: (1) 0' - 3 1/4" (1) 0' - 3"
21909	1	CABINET - DT POS UPPER CUBBY - 32IN 815MM	SB	GC	FINISH: PL0019
21910	1	CABINET - FRENCH CLEAT - VARIABLE LENGTH	SB	GC	OVERALL LENGTH REQUIRED: 2' - 6 1/2"
21912	1	CABINET - BACK PANEL FOR POS - 30IN 760MM	SB	GC	
21913	3	CABINET - EQUIPMENT MOUNTING PANEL	SB	GC	
22632	1	CABINET - CBE DRY INCLUSION SHELF - 44IN 1120MM - FLAT BLACK MT0028	SB	GC	PROVIDED BY CASEWORK VENDOR
22749	1	CABINET - ESPRESSO PUMP MOUNT PANEL	SB	GC	
22980	2	CABINET - ADJUSTABLE SHELF - 21IN 535MM	SB	GC	
22981	1	CABINET - BACK PANEL FOR POS - 21IN 535MM	SB	GC	
22982	1	CABINET - BOTTOM SHELF - 21IN 535MM	SB	GC	
X5006	2	CUSTOM CABINET - BACKBAR - 37.5IN 950MM	SB	GC	FINISH: PL0019; SEE DETAIL: 5/I-508; PROVIDED BY CASEWORK VENDOR
X5013	1	CUSTOM CABINET - BACKBAR COUNTER SUPPORT PANEL - 3IN 75MM	SB	GC	FINISH: PL0019; SEE DETAIL: 3/I-508; SIMILAR TO DID #17573; CUSTOM DUE TO DEPTH; PROVIDED BY CASEWORK VENDOR
COUNTERTOP					
21919	5	COUNTERTOP - FILLER BACKBAR - VARIABLE LENGTH	SB	GC	FINISH: CP0030; LENGTH REQUIRED: (2) 0' - 0 3/4" (2) 0' - 2 1/4" (1) 0' - 0 1/2"
21925	3	COUNTERTOP - BACKBAR - 15IN 380MM	SB	GC	FINISH: CP0030
21927	2	COUNTERTOP - BACKBAR - 30IN 760MM	SB	GC	FINISH: CP0030
21928	3	COUNTERTOP - END CAP BACKBAR	SB	GC	FINISH: CP0030
22331	1	COUNTERTOP - BREW - RF - 105IN 2665MM	SB	GC	FINISH: CP0030
22356	1	COUNTERTOP - ESPRESSO BACKBAR - RF - 141IN 3580MM	SB	GC	FINISH: CP0030
22362	1	COUNTERTOP - DT POS - LF - 76IN 1930MM	SB	GC	FINISH: CP0030
22386	1	COUNTERTOP - WARMING WITH RACK - LF - 125IN 3175MM	SB	GC	FINISH: CP0030
22395	1	COUNTERTOP - HAND SINK LOW SPLASH - 15IN 380MM	SB	GC	
22635	1	COUNTERTOP - CBE - LF - 152IN 3860MM	SB	GC	FINISH: CP0030
X5001	1	CUSTOM COUNTERTOP - ESPRESSO BACKBAR - LF - 47.75IN 1215MM	SB	GC	FINISH: CP0030; SEE DETAIL: 1/I-508; PROVIDED BY CASEWORK VENDOR
X5002	1	CUSTOM COUNTERTOP - ADD PARTNER - 81.5IN 2070MM	SB	GC	FINISH: CP0030; SEE DETAIL: 2/I-508; PROVIDED BY CASEWORK VENDOR
X5003	10	CUSTOM COUNTERTOP - 2FT BACKSPLASH - VARIABLE LENGTH	SB	GC	FINISH: CP0030; SEE DETAIL: 9/I-507; PROVIDED BY CASEWORK VENDOR LENGTH REQUIRED: (1) 14' - 0 1/8" (1) 4' - 1" (1) 0' - 0 3/4" (1) 1' - 10 1/4" (1) 2' - 7 1/2" (1) 0' - 6 3/4" (1) 3' - 4 1/4" (1) 13' - 0" (1) 17' - 2 3/4" (1) 15' - 8"
X5004	3	CUSTOM COUNTERTOP - 2FT 5IN BACKSPLASH - VARIABLE LENGTH	SB	GC	FINISH: CP0030; PROVIDED BY CASEWORK VENDOR LENGTH REQUIRED: (2) 2' - 6 1/2" (1) 6' - 9 1/2"
X5005	1	CUSTOM COUNTERTOP - DT AREA BACKBAR - 79.5IN 2020MM	SB	GC	FINISH: CP0030; SEE DETAIL: 3/I-508; PROVIDED BY CASEWORK VENDOR
X5010	1	CUSTOM COUNTERTOP - 2FT BACKSPLASH - VARIABLE LENGTH	SB	GC	FINISH: CP0030; PROVIDED BY CASEWORK VENDOR LENGTH REQUIRED: (1) 1' - 3"
X5011	3	CUSTOM COUNTERTOP - 2FT BACKSPLASH - VARIABLE LENGTH	SB	GC	FINISH: CP0056; SEE DETAIL: 5/I-511; PROVIDED BY CASEWORK VENDOR LENGTH REQUIRED: (1) 0' - 10" (1) 0' - 11" (1) 10' - 4"
X5015	1	CUSTOM COUNTERTOP - DT POS - RF - 45IN 1145MM	SB	GC	FINISH: CP0030; SEE DETAIL: 4/I-508; PROVIDED BY CASEWORK VENDOR
DIEWALL					
21885	15	DIEWALL - FRAMING - VARIABLE LENGTH	SB	GC	
21888	46	DIEWALL - SUPPORT LEG	SB	GC	
OTHER					
10829	11	CORNER GUARD - .75IN 19MM	SB	GC	LOCATED @ BOH SST
11155	2	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 255X255MM	SB	GC	
21914	8	FRIDGE STOP BRACKET SET	SB	GC	
X5007	2	CUSTOM WOOD SHELVES	SB	GC	FINISH: WD0077; SEE DETAIL: 1/I-509; PROVIDED BY CW VENDOR
X5008	1	CUSTOM DT SILL TOP	SB	GC	FINISH: CP0030; SEE DETAIL: 7/I-509; PROVIDED BY CASEWORK VENDOR
X5009	1	CUSTOM PICK UP WINDOW SILL TOP	SB	GC	FINISH: CP0030; SEE DETAIL: 4/I-509; PROVIDED BY CASEWORK VENDOR
X5012	1	CUSTOM PICK UP WINDOW SILL TOP	SB	GC	FINISH: CP0056; SEE DETAIL: 5/I-511; PROVIDED BY CASEWORK VENDOR
X5016	1	CUSTOM METAL FLAT BAR AT PARTNER'S AREA	SB	GC	FINISH: PAINTED TO MATCH SW7031-ES; SEE DETAIL: 6/A-502; PROVIDED BY CASEWORK VENDOR
X5017	1	CUSTOM METAL FLAT BAR AT WORKROOM	SB	GC	FINISH TO MATCH SW7031-ES; SEE DETAIL: 7/A-502; PROVIDED BY CASEWORK VENDOR
X5018	1	CUSTOM STAND-UP SHELF	SB	GC	FINISH: WD0077; SEE DETAIL: 4/I-512

SPECIALTY EQUIPMENT SCHEDULE - "E"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COOLING					
10267	6	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	SB	GC	
11083	2	FRIDGE REACH IN 2 DOOR - 51X35IN 1295X890MM	SB	GC	
12618	2	FRIDGE UNDERCOUNTER 1 DOOR WITH SHELF - 27IN 685MM	SB	GC	
13682	2	FREEZER REACH IN 2 DOOR - 54IN 1370MM	SB	GC	
20011	1	FRIDGE NITRO 2 TAP JT NITCOM RH	SB	GC	KIT INCLUDES UNDERCOUNTER FRIDGE, FONT, TRAY, AND TUBING
EQUIPMENT					
10312	3	BREWER SOFT HEAT WARMING STAND SINGLE	SB	GC	
10746	1	BREWER DUAL SOFT HEAT	SB	GC	
10808	1	GRINDER DITTING KR1203	SB	GC	
10856	5	BREWER SERVER SOFT HEAT	SB	GC	
10907	1	DISHWASHER LEGS AND SKIRT	SB	GC	
12508	2	BLENDER QUIET MODEL ON COUNTER	SB	GC	
15186	1	DISHWASHER LXER ADVANSYS	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	
TK0052	1	OVEN SAMSUNG MICROWAVE MS14K6000AS - STAINLESS STEEL	SB	GC	
ICE					
10527	2	ICE - BIN DROP IN 45LB 20KG	SB	GC	
18029	1	ICE - BIN B110	SB	GC	BPF-1 ADAPTER KIT (011076103) REQUIRED WHEN PAIRING WITH 30" (760MM) ICE MACHINES
18846	1	ICE - MACHINE CIM1446HR SERIES REMOTE COOLED	SB	GC	
19278	2	ICE - BIN DROP IN 45LB 20KG HORIZONTAL	SB	GC	
OTHER					
10091	1	CUP DISPENSER TALL HOT VERTICAL	SB	GC	
10099	1	RESTROOM TOILET PAPER HOLDER	SB	GC	
10172	1	RESTROOM SEAT COVER DISPENSER	SB	GC	
10179	1	HAND DRYER SURFACE MOUNTED	SB	GC	
10396	1	CUP DISPENSER SHORT HOT VERTICAL	SB	GC	
10501	1	FIRE EXTINGUISHER	GC	GC	SPEC: MANUFACTURER: PRODUCT PRO 460; PART #21005785; MULTIPURPOSE DRY-CHEMICAL TYPE UL RATED 4-A, 60-B,C, 10LB; METAL STRAP BRACKET PART # 366242
10769	1	RESTROOM GRAB BAR VERTICAL - 18IN 455MM	SB	GC	
10791	2	CUP DISPENSER GRANDE VENTI COLD VERTICAL	SB	GC	
10855	2	CUP DISPENSER GRANDE VENTI HOT VERTICAL	SB	GC	
10858	1	CUP DISPENSER TALL COLD VERTICAL	SB	GC	
10859	1	RESTROOM GRAB BAR - 48IN 1220MM	SB	GC	
10862	1	RESTROOM GRAB BAR - 36IN 915MM	SB	GC	
10947	2	SOAP DISPENSER WALL MOUNTED	SB	GC	
10977	1	PAPER TOWEL DISPENSER FULL SIZE	SB	GC	
10992	1	PAPER TOWEL DISPENSER HALF SIZE - TRANSLUCENT GRAY	SB	GC	
11115	1	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	1	HAND DRYER BACK PANEL	SB	GC	
22627	1	NITRO 2 TAP HANDLE WITH BADGE AND MOUNT KIT	SB	GC	JOE TAP, FOR USE AT BACKBAR NITRO FONT
STORAGE					
10222	2	WIRE SHELF GRID AT SINK	SB	GC	
10416	9	WORKROOM SHELVING - 36IN 915MM	SB	GC	
10462	9	WORKROOM SHELVING POSTS	SB	GC	
10698	1	MOP RACK WITH 3 HOLDERS	SB	GC	
10838	1	ROLLING WIRE CART FOR 3 COMP SINK	SB	GC	
13834	1	BASE - 24X18IN 610X455MM	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	
TK0048	2	5 COMP LOCKER - 15IN 380MM	SB	GC	



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GRAPHICS AND ARTWORK SCHEDULE - "G"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
GRAPHIC - FILM						
19458	18	INTERIOR WINDOW FILM FASARA - DUSTED CRYSTAL	SB	GC	SIZE REQUIRED: (V.I.F.): (8) 3' - 1 1/4" W X 6' - 10" H (9) 3' - 1 1/4" W X 2' - 8" H (1) 2' - 4 3/4" W X 5' - 9 1/2" H	
GRAPHICS - ARTWORK						
X1001	1	SBXART_22711 - WRAPPED CANVAS IN FLOAT FRAME; ART SIZE: 35" W X 35" H; REVEAL_25" - PRINT TO EDGES - PRINT EDGES BLACK - OVERALL SIZE: 36" W X 36" H - CANVAS 1; FRAME: 3A - FRAME 623674 EBONIZED WALNUT	SB	GC	SEE ELEVATION: 1/I-203	
X1002	1	SBXART_22679 - WRAPPED CANVAS IN FLOAT FRAME; ART SIZE: 35" W X 35" H; REVEAL_25" - PRINT TO EDGES - PRINT EDGES BLACK - OVERALL SIZE: 36" W X 36" H - CANVAS 1; FRAME: 3A - FRAME 623674 EBONIZED WALNUT	SB	GC	SEE ELEVATION: 1/I-203	
X1003	1	SBXART_16969 - FRAMED AND MATTED; ART SIZE: 12" W X 12" H; MAT BORDER 3IN; OVERALL SIZE: 19 1/2" W X 19 1/2" H; PAPER 1 - MAT 1 - FRAME 1A (EBONIZED WALNUT)	SB	GC	SEE ELEVATION: 6/I-202	
X1004	1	SBXART_22483 - FRAMED AND MATTED; ART SIZE: 12" W X 12" H; MAT BORDER 3IN; OVERALL SIZE: 19 1/2" W X 19 1/2" H; PAPER 1 - MAT 1 - FRAME 1A (EBONIZED WALNUT)	SB	GC	SEE ELEVATION: 6/I-202	
GRAPHICS - OTHER						
11135	1	RESTROOM SIGN UNISEX ACCESSIBLE	SB	GC		

LIGHTING FIXTURE SCHEDULE - "L"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
EXIT						
19044	3	LED EXIT SIGN WITH EMERGENCY LIGHT - WHITE AND RED	SB	GC	INTEGRATED LED	
19047	1	LED EXIT SIGN WITH EMERGENCY LIGHT - BLACK AND GREEN	SB	GC	INTEGRATED LED	
19056	1	LED EMERGENCY LIGHT DOUBLE - WHITE	SB	GC	INTEGRATED LED	
PENDANT						
21422	1	PENDANT - REJUVENATION ABIGAIL SOFT CONE - UNGLAZED TOAST	SB	GC	6 W LED, AS PACKAGED	
RECESSED CAN						
X7001	17	CAN - CUSTOM RECESSED - BLACK - 1155LM FLOOD WITH DIMMER	SB	GC	INTEGRATED LED	
SCONCE						
20748	1	SCONCE - KUZCO PLUTO TRIPLE - CHROME	SB	GC	INTEGRATED LED	
TRACK						
12948	4	TRACK - WITH CONNECTORS - 16FT 488CM - BLACK - 1 CIRCUIT	SB	GC		ALL BAR / CAFE TRACK LIGHTING TO BE RUN THROUGH 1A / 2A CURRENT LIMITING DEVICE #RCLF12BL-TCL2BL; SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
15058	2	TRACK - WITH CONNECTORS - 6FT 183CM - BLACK - 1 CIRCUIT	SB	GC		ALL BAR / CAFE TRACK LIGHTING TO BE RUN THROUGH 1A / 2A CURRENT LIMITING DEVICE #RCLF12BL-TCL2BL; SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
21779	22	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD	SB	GC	INTEGRATED LED	
TROFFER						
21783	7	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4300LM	SB	GC	INTEGRATED LED	

MECHANICAL EQUIPMENT SCHEDULE - "M"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
OTHER						
17797	1	ENERGY MANAGEMENT SYSTEM - HVAC ONLY	SB	GC		

PAINT SCHEDULE						
COLOR CODE	DESCRIPTION	LRV	FURN. BY	INST. BY	COMMENTS	
SW6991-SG	SW - BLACK MAGIC - SEMIGLOSS	6	GC	GC	USE PRIMER CP-1	
SW7031-ES	SW - MEGA GREIGE - EGGSHELL	37	GC	GC	USE PRIMER CP-1	
SW7033-ES	SW - BRAINSTORM BRONZE - EGGSHELL	15	GC	GC	USE PRIMER CP-1	
SW7033-SG	SW - BRAINSTORM BRONZE - SEMIGLOSS	15	GC	GC	USE PRIMER CP-1	
SW7631-ES	SW - CITY LOFT - EGGSHELL	70	GC	GC	USE PRIMER CP-1	

WALL TREATMENT (AREA) SCHEDULE - "Q"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
PLASTIC					
11469	1649 SF	FRP - WHITE	GC	GC	
TILE					
20227	241 SF	TILE - 1 COCCI - CEMENTO - 6X24IN 150X600MM	SB	GC	GROUT: MAPEI - 47 CHARCOAL, OR EQUAL
X9202	480 SF	TILE - GEO - BEIGE - MATTE - 3X10IN 75X255MM	SB	GC	GROUT MAPEI 106 WALNUT-3/16"; VD: FIVE STAR CERAMICS GROUP; CONTACT INFO: CHRISM@FIVESCG.COM
WALLCOVERING					
17854	113 SF	VINYL WALL COVERING - TADAO - STARBUCKS WG11184374	SB	GC	

WALL TREATMENT (LENGTH) SCHEDULE - "R"					
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TRIM					
X9201	56' - 9 1/2"	QUADEC SCHLUTER JOLLY TRIM; 6MM - FINISH: CREAM	GC	GC	LOCATION: BACKBAR TILE CORNER; SEE DETAIL: 889/I-502; GC TO VERIFY LENGTHS

PLUMBING FIXTURE SCHEDULE - "P"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
DRAIN						
10294	7	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC		
10594	1	DRAIN - FLOOR SINK SQUARE - 5IN 125MM	GC	GC	ZURN ZN415B	
10726	7	DRAIN - GRATE HALF SQUARE - 12IN 305MM	SB	GC		
EQUIPMENT						
X8019	1	HOT WATER RECIRCULATION PUMP	SB	GC	BELL & GOSSETT MODEL NBF-36 PUMP WITH BELL & GOSSETT AQS-3/4 AQUASTAT, AND BELL & GOSSETT TC-1 AUTOMATIC TIMER	
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	1	FAUCET - SINGLE HANDLE	SB	GC		
10804	1	FAUCET - PRE RINSE SWING SPOUT	SB	GC		
10874	1	FAUCET - INSTAHOT SYSTEM SINGLE LEVER	SB	GC		
10922	1	FAUCET - MOP SINK WALL MOUNTED	SB	GC		
10943	1	FAUCET - SINGLE LABORATORY WITH SWING SPOUT	SB	GC		
11003	2	FAUCET - METERED	SB	GC		
13588	1	FAUCET - HAND SINK WALL MOUNTED	SB	GC		
21352	1	FAUCET - RESTROOM WITH MOTION SENSOR	SB	GC		
22642	2	FAUCET - INSTANTHOT SYSTEM 2 BUTTON WITH BOILER AND BRACKET	SB	GC	KIT INCLUDES FONT, UNDERCOUNTER BOILER AND BOILER BRACKET FOR SIDE PANEL MOUNTING. BRACKET CAN BE FLOOR MOUNTED USING SET OF (4) STAINLESS STEEL LEGS, ORDERED SEPARATELY THROUGH VENDOR.	
FILTER						
12501	1	FILTER - RO SYSTEM 600GPD	SB	VD		
12507	1	FILTER - RO SYSTEM STORAGE TANK RO40	SB	VD		
12896	1	FILTER - BRINE TANK	SB	VD		
12899	2	FILTER - POLY GLASS VESSEL	SB	VD		
13076	1	FILTER - PREFILTRATION SYSTEM	SB	VD		
13082	1	FILTER - WATER SOFTENER TWIN	SB	VD		
OTHER						
22224	1	WATER HEATER TANK ELECTRIC - 13.5W	SB	GC	13.5KW 208/3 BRADFORD WHITE E32-50S-3 30GAL ELECTRIC	
SINK						
10116	1	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		
13700	1	SINK - 3 COMP WORK SST - 105IN 2665MM	SB	GC		
14688	1	SINK - HAND WITH SIDE SPLASH WALL MOUNTED SST	SB	GC		
18743	1	SINK - WATER FILLING STATION - 36X24IN 915X610MM	SB	GC		
22630	1	SINK - RINSE DROP IN - 27X26IN 685X670MM	SB	GC		
22768	2	SINK - COUNTERTOP RINSER WITH WATER TOWER - 26X9IN 660X235MM	SB	GC		
TOILET						
11871	1	TOILET - WITH TANK SINGLE FLUSH	GC	GC	WC TO BE PURCHASED THROUGH FERGUSON: NA.PROJECTS@FERGUSON.COM	

SIGNAGE SCHEDULE - "S"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
SIGNAGE - DISK					
13182	1	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 71IN 1805MM	SB	VD	
SIGNAGE - DRIVE THRU					
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	VD	SEE DETAIL: 5 & 7/APX-104
14099	2	SIGN - DRIVE THRU ILLUMINATED ARROW SERIES FLUSH MOUNTED - RH - 48IN 1220MM	SB	VD	
14104	1	SIGN - DT DIRECTIONAL ILLUMINATED ARROW SERIES WITH LOGO - 46IN 1170MM	SB	VD	SEE DETAIL: 4 & 7/APX-104
22544	1	SIGN - DT CLEARANCE BAR SQUARE FRAME FREESTANDING - BLACK AND DARK GREEN	SB	VD	SEE DETAIL: 2 & 3/APX-104
SIGNAGE - OTHER					
21297	2	SIGN - 5 MINUTE PARKING	SB	VD	POST, IF REQUIRED, PROVIDED BY OTHERS
X0001	1	MONUMENT SIGN	SB	VD	
X0002	1	PICK UP SIGNAGE - EXTERIOR	SB	VD	SEE DETAIL: 1/I-510
SIGNAGE - WORDMARK					
18497	2	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 18IN 455MM	SB	VD	WHITE LETTERS

FLOOR TREATMENT SCHEDULE - "T"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TILE					
19795	1117 SF	POLYVINYL FLOOR SHEET - ECO-GRIP - PEWTER - 60X96IN 1524X2438MM	GC	GC	
20228	59 SF	TILE - 1 COCCI - CEMENTO - 24X24IN 600X600MM	SB	GC	GROUT: MAPEI - 47 CHARCOAL, OR EQUAL

CEILING TREATMENT SCHEDULE - "U"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
OTHER					
19734	833 SF	ACT - ULTIMA - 2X2FT 61X61CM	GC	GC	FACTORY FINISHED SW7031 MEGA GREIGE; FOR ORDERING CONTACT DEB PICKENS AT DPLPICKENS@ARMSTRONGCEILINGS.COM, PH: 480-695-9053

STOREFRONT SCHEDULE - "W"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
WINDOW					
10118	2	WINDOW - DT HURRICANE RATED - 48X44IN 1205X1105MM - ALUMINUM	EXIST	EXIST	LL TO SPECIFY IMPACT GLASS OR NON-IMPACT GLASS AS REQUIRED. CONTACT DAN RADEK AT dan@ready-access.com 1-800-621-5045


RESPONSIBILITY LEGEND

FURN. BY	INST. BY
SB - FURNISHED BY STARBUCKS	GC - INSTALLED BY GENERAL CONTRACTOR
GC - FURNISHED BY GENERAL CONTRACTOR	SB - INSTALLED BY STARBUCKS
VD - FURNISHED BY VENDOR	VD - INSTALLED BY VENDOR

**NOTE:** ALL RESPONSIBILITIES TO BE CONFIRMED WITH STARBUCKS CONSTRUCTION MANAGER PRIOR TO ORDERING / CONSTRUCTION.

SITE SCHEDULE - "Y"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
EXTERIOR MENU						
13605	4	MENU BOARD - WALK UP - 28X21IN 710X535MM	SB	VD		
18984	4	MENU BOARD - UNIVERSAL WALL MOUNT BRACKET	SB	GC		
22540	1	MENU BOARD - DT 5 PANEL SQUARE FRAME FREESTANDING - 95X62IN 2415X1575MM - BLACK	SB	VD	SEE DETAIL: 1/APX-103	
22542	1	MENU BOARD - DT PRE MENU SQUARE FRAME FREESTANDING - 29X61IN 735X1550MM - BLACK	SB	VD	SEE DETAIL:3/APX-103	
22546	1	MENU BOARD - DT DIGITAL ORDER SCREEN WITH POST - BLACK	SB	VD	SEE DETAIL: 1/APX-103.2	
OTHER						
10042	2	BIKE RACK HOOP	EXIST	EXIST	SEE DETAIL: 10 & 11/APX-104	
10163	1	DT WINDOW SHELF - 56IN OBSIDIAN PAPERSTONE	EXIST	EXIST	SEE DETAIL:4/APX-103.1	
14095	1	DT WAYFINDING GRAPHIC EXIT ARROW - WHITE	EXIST	EXIST	SEE DETAIL: 8/APX-104	
14101	1	DT WAYFINDING GRAPHIC ENTRY ARROW - GREEN	EXIST	EXIST	SEE DETAIL: 8/APX-104	
14323	2	DT WAYFINDING GRAPHIC DIRECTIONAL DOUBLE ARROW - GREEN	EXIST	EXIST	REFERENCE PAINT P936 FOR SPECIFICATIONS; SEE DETAIL: 6/APX-104	
14324	2	DT WAYFINDING GRAPHIC DIRECTIONAL DOUBLE ARROW - WHITE	EXIST	EXIST	REFERENCE PAINT P935 FOR SPECIFICATIONS; SEE DETAIL: 6/APX-104	
22543	1	DT ORDER POINT CANOPY SQUARE FRAME - BLACK	SB	VD	SEE DETAIL: 2/APX-103.2	
X4001	4	CIRCULAR BOLLARD - 6" DIA	EXIST	EXIST	SEE DETAIL: 1/APX-104	
X4002	1	PATIO RAILING	EXIST	EXIST	SEE DETAIL: 4/APX-105	
X4003	1	LOUVERS AT STOREFRONT - LINEAR SUNSHADES #543 MEDIUM BRONZE	SB	VD	SEE DETAIL: 1/I-511; VD: SUN CONTROL SOLUTIONS; WWW.C-SGROUP.COM	
X4004	2	LOUVERS AT STOREFRONT - LINEAR SUNSHADES #543 MEDIUM BRONZE	SB	VD	SEE DETAIL: 1/I-511; VD: SUN CONTROL SOLUTIONS; WWW.C-SGROUP.COM	

FOR CONSTRUCTION



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STARBUCKS TEMPLATE VERSION: i2021-09-13

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PROJECT NAME:  
**US 17-92 & LAKE MARY BLVD**

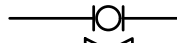

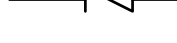


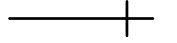
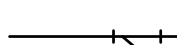
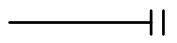
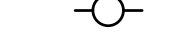





PROJECT ADDRESS:  
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ABBREVIATIONS

3PL	THIRD PARTY LOGISTICS
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITIES HAVING JURISDICTION
APPROX	APPROXIMATE
BLDG	BUILDING
CBL	COLD BEVERAGE LINE
CLG	CEILING
CONST	CONSTRUCTION
CW	DOMESTIC COLD WATER
CXA	COMMISSIONING AGENT
DEG	DEGREES
DTL	DETAIL
DN	DOWN
DWG(S)	DRAWING(S)
EA	EACH
ELEC	ELECTRICAL CONTRACTOR
ELEC	ELECTRICAL
EM	EMERGENCY
(E) OR (EX)	EXISTING
EXT	EXTERIOR
FD	FLOOR DRAIN
FS	FLOOR SINK
F&I	FURNISH & INSTALL
FLR	FLOOR
FT	FOOT/FEET
FCO	FLOOR CLEANOUT
FW	FILTERED COLD WATER
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GW	GREASE WASTE
HR	HOOR
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
HW	HOT WATER
HS	HANDSINK
HWR	HOT WATER RETURN
IW	INDIRECT WASTE
LL	LANDLORD
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL, AND PLUMBING
MFG	MANUFACTURER
MIN	MINIMUM
MS	MOP SINK
NTS	NOT TO SCALE
PC	PLUMBING CONTRACTOR
PS	PREP SINK
POC	POINT OF CONNECTION
PM	PROJECT MANAGER
REF	REFERENCE
REQ(D)	REQUIRE(D)
REV	REVISION
SAN	SANITARY WASTE
SF	SQUARE FEET
SHT	SHEET
SPECS	SPECIFICATION(S)
SST	STAINLESS STEEL
TEL	TELEPHONE
TEMP	TEMPORARY
TYP	TYPICAL
TMV	TEMPERATURE MIXING VALVE
TW	TEMPERED HOT WATER
UNO	UNLESS NOTED OTHERWISE
V	VENT
WH	WATER HEATER
WP	WEATHER PROOF
WCO	WALL CLEANOUT

PLUMBING SYMBOL LEGEND

— SAN —	SAN	SANITARY OR WASTE PIPING BELOW SLAB
--- VENT ---	V	VENT PIPING
— GW —	GW	GREASE WASTE
— CBL —	CBL	COLD BEVERAGE LINE
— CD —	CD	CONDENSATE DRAIN
— CW —	CW	COLD WATER PIPING
— HW —	HW	HOT WATER PIPING
— HWR —	HWR	HOT WATER RETURN PIPING
— FW —	FW	COLD WATER FILTERED
— CWN —	CWN	COLD WATER NANO FILTERED
— CWS —	CWS	COLD WATER SOFTENED
— TW —	TW	TEMPERED WATER
— RO —	RO	REVERSE OSMOSIS WATER
— GAS —	GAS	GAS PIPING
— RD —	RD	REFRIGERANT DISCHARGE PIPING
— RS —	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
	FD	FLOOR DRAIN
	FS	FLOOR SINK
	BFP	BACKFLOW PREVENTER
	WM	WATER METER
	POC	CONNECT TO EXISTING

PIPING

SOIL, WASTE, AND VENT PIPING

**CAST IRON**  
NO-HUB CAST IRON PIPE AND FITTINGS MAY BE USED ABOVEGROUND FOR WASTE AND VENT PIPING. HUB AND SPOIGOT CAST IRON PIPE MAY BE USED UNDERGROUND FOR WASTE AND VENT PIPING. NO-HUB CAST IRON WASTE, AND VENT PIPING AND FITTINGS 1-1/2" AND LARGER SHALL CONFORM TO ASTM A-888. HUB AND SPOIGOT CAST IRON WASTE AND VENT PIPING AND FITTINGS 2" DIAMETER AND LARGER SHALL CONFORM TO ASTM A74 AND ASTM C564 GASKETED JOINTS.

**ABS**  
ABS PIPE AND FITTINGS MAY BE USED FOR ABOVEGROUND AND UNDERGROUND WASTE AND VENT PIPING. SOLID WALL ABS PIPING SHALL CONFORM TO NSF 14 AND ASTM D 2861, SCHEDULE 40. FITTINGS SHALL CONFORM TO NSF 14, ASTM D2861, AND ASTM D3311.

**PVC**  
PVC PIPE AND FITTINGS MAY BE USED FOR ABOVEGROUND AND UNDERGROUND WASTE AND VENT PIPING. SOLID WALL PVC PIPING SHALL CONFORM WITH NSF 14 AND ASTM D2865, SCHEDULE 40. FITTINGS SHALL CONFORM WITH NSF 14, ASTM D2865, AND ASTM D3311.

**COPPER**  
WASTE AND VENT PIPING SMALLER THAN 1-1/2" SHALL BE TYPE "M" COPPER AND CONFORM TO ASTM B306. SOLDER FILLER METALS: ASTM B32, LEAD FREE ALLOYS.

PIPING ALIGNMENT SHALL BE AS INDICATED ON THE DRAWINGS USING APPROVED WYE BRANCHES OR EIGHT-BENDS FOR DIRECTION CHANGES AND SHALL BE SURELY SUPPORTED OR SECURED TO MAINTAIN SUCH ALIGNMENT. INDIRECT WASTE PIPING FROM FIXTURES CAPABLE OF DISCHARGING WASTE 120°F AND GREATER SHALL BE TYPE M COPPER.

DOMESTIC WATER PIPING

**DOMESTIC WATER PIPING ABOVE GROUND:**  
HARD COPPER TUBE, ASTM B88, TYPE L; WROUGHT-COPPER, SOLDER-JOINT FITTINGS; AND SOLDERED JOINTS. SOLDER FILLER METALS: ASTM B32, LEAD-FREE ALLOYS. FLUX: ASTM B813, WATER FLUSHABLE. CPVC SCHEDULE 80 NSF SE8459, ASTM D1784 IS APPROVED FOR INTERIOR WATER PIPING. TYPE "L"; COPPER PRESSURE-SEAL JOINT; AND PRESSURE-SEAL JOINT SYSTEMS.

**DOMESTIC WATER PIPING BELOW GROUND:**  
HARD COPPER TUBE, ASTM B88, TYPE K; WROUGHT-COPPER, SOLDER-JOINT FITTINGS; AND SOLDERED JOINTS. SOLDER FILLER METALS: ASTM B32, LEAD-FREE ALLOYS. FLUX: ASTM B813, WATER FLUSHABLE. PROVIDE INSULATION ON COPPER TUBING BELOW GRADE. REFERENCE SECTION 22 07 19. CPVC SCHEDULE 80 NSF SE8459, ASTM D1784 IS APPROVED FOR UNDERGROUND WATER PIPING.

**CATHODIC PROTECTION**  
PROVIDE DIELECTRIC INSULATION AT POINTS WHERE COPPER OR BRASS PIPE COMES IN CONTACT WITH FERROUS PIPING, REINFORCING STEEL OR OTHER DISSIMILAR METAL IN STRUCTURE.

CONDENSATE DRAINAGE PIPING

**ABS**  
ABS PIPE AND FITTINGS MAY BE USED FOR ABOVEGROUND AND UNDERGROUND WASTE AND VENT PIPING. SOLID WALL ABS PIPING SHALL CONFORM TO NSF 14 AND ASTM D 2861, SCHEDULE 40. FITTINGS SHALL CONFORM TO NSF 14, ASTM D2861, AND ASTM D3311.

**PVC**  
PVC PIPE AND FITTINGS MAY BE USED FOR ABOVEGROUND AND UNDERGROUND WASTE AND VENT PIPING. SOLID WALL PVC PIPING SHALL CONFORM WITH NSF 14 AND ASTM D2865, SCHEDULE 40. FITTINGS SHALL CONFORM WITH NSF 14, ASTM D2865, AND ASTM D3311.

**COPPER**  
WASTE AND VENT PIPING SMALLER THAN 1-1/2" SHALL BE TYPE "M" COPPER AND CONFORM TO ASTM B306. SOLDER FILLER METALS: ASTM B32, LEAD FREE ALLOYS.

PIPING ALIGNMENT SHALL BE AS INDICATED ON THE DRAWINGS USING APPROVED WYE BRANCHES OR EIGHT-BENDS FOR DIRECTION CHANGES AND SHALL BE SURELY SUPPORTED OR SECURED TO MAINTAIN SUCH ALIGNMENT. INDIRECT WASTE PIPING FROM FIXTURES CAPABLE OF DISCHARGING WASTE 120°F AND GREATER SHALL BE TYPE M COPPER.

HANGERS AND SUPPORTS

THE PLUMBING CONTRACTOR SHALL PROVIDE ALL PIPE SUPPORTS REQUIRED FOR EQUIPMENT AND MATERIAL. ALL HORIZONTAL RUNS OF PIPING SHALL BE SUPPORTED BY PIPE HANGERS INSTALLED AS REQUIRED BY LOCAL CODES. ADDITIONAL SUPPORTS SHALL BE PROVIDED WHERE REQUIRED TO PREVENT SAGGING. HANGERS AND PIPE ATTACHMENTS TO BE FACTORY FABRICATED WITH GALVANIZED COATINGS; NON-METALLIC COATED FOR HANGERS IN DIRECT CONTACT WITH COPPER TUBING.

CONNECTIONS

INSTALL UNIONS ADJACENT TO EACH VALVE AND AT FINAL CONNECTION TO EACH PIECE OF EQUIPMENT. INSTALL DIELECTRIC COUPLINGS TO CONNECT PIPING MATERIALS OF DISSIMILAR METALS. SCREW JOINT STEEL PIPING UP TO AND INCLUDING 1-1/2" (38MM) FOR GAS PIPING. USE NON-LEAD, NON-ANTIMONY SOLDER FOR SOLDERING DOMESTIC WATER COPPER PIPE.

CLEANOUTS

PROVIDE FLOOR AND WALL CLEANOUTS AS INDICATED ON THE DRAWINGS OR WHERE REQUIRED BY CODE IN ALL SOIL, WASTE, AND DRAIN LINES. IN AREAS WITH CERAMIC TILE OR CARPETED FLOORING, PROVIDE CLEANOUTS WITH SQUARE, ADJUSTABLE, NICKEL BRONZE TOP. IN AREAS WITH RESILIENT (VINYL) FLOORING, PROVIDE CLEANOUTS WITH SQUARE, ADJUSTABLE, NICKEL BRONZE TOP WITH TILE RECESS. CLEANOUTS SHALL BE SAME SIZE AS PIPE EXCEPT THAT CLEANOUTS LARGER THAN 4" WILL NOT BE REQUIRED. WHERE CLEANOUTS OCCUR IN WALLS OF FINISHED AREAS, THEY SHALL BE CONCEALED BEHIND CHROME PLATED ACCESS COVERS.

PIPING

PIPING SYSTEMS REQUIRING INSULATION

INSULATE DOMESTIC COLD WATER PIPING, ASSOCIATED FITTINGS AND VALVES WITH FLEXIBLE ELASTOMERIC 1/2" WALL THICKNESS INSULATION. INSULATE DOMESTIC HOT WATER PIPING, ASSOCIATED FITTINGS AND VALVES WITH 1" THICK FLEXIBLE ELASTOMERIC, 1-1/2" THICK FIBERGLASS INSULATION OR PER LOCAL ENERGY CODE, WHICHEVER GREATER. INSULATE DOMESTIC HOT WATER RETURN PIPING, ASSOCIATED FITTINGS AND VALVES WITH 1" WALL THICKNESS INSULATION OR PER LOCAL ENERGY CODE, WHICHEVER GREATER. INSULATE DOMESTIC SUPPLY PIPING UNDERGROUND, BELOW SLAB, AND WITHIN AREAS SUBJECT TO FREEZING WITH MOISTURE RESISTANT CLOSED-CELL ELASTOMERIC FOAM (NEED TO DETERMINE EQUIVALENT THICKNESS PER WATER TEMPERATURE.) INSULATE WASTE PIPING ABOVE CEILINGS THAT RECEIVE CONDENSATE WITH 1/2" WALL THICKNESS INSULATION. INSULATE WASTE AND VENT PIPING LOCATED WITHIN AREAS SUBJECT TO FREEZING. INSULATE EXPOSED SANITARY DRAINS. DOMESTIC WATER, DOMESTIC HOT WATER, AND STOPS FOR PLUMBING FIXTURES FOR PEOPLE WITH DISABILITIES.

FLEXIBLE ELASTOMERIC INSULATION

CLOSED-CELL, SPONGE- OR EXPANDED-RUBBER MATERIALS. COMPLY WITH ASTM C 534, TYPE I FOR TUBULAR MATERIALS AND TYPE II FOR SHEET MATERIALS. ADHESIVES, SEALERS, AND PROTECTIVE FINISHES: AS RECOMMENDED BY INSULATION MANUFACTURER FOR APPLICATIONS INDICATED. MANUFACTURERS' SUBJECT TO COMPLIANCE WITH REQUIREMENTS, AVAILABLE PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, AND ARE LIMITED TO, THE FOLLOWING: AEROFLEX USA, INC.; AEROCEL., ARMACELL, LLC; AP ARMAFLEX., K-FLEX USA; INSUL-LOCK, INSUL-TUBE, AND K-FLEX L.S.

FIBERGLASS INSULATION

FIBERGLASS PIPING INSULATION: ASTM C 547, CLASS 1 ENCASE PIPE FITTINGS INSULATION WITH ONE-PIECE PRE-MOLDED PVC FITTING COVERS. VAPOR BARRIER MATERIAL: PAPER-BACKED ALUMINUM FOIL, EXCEPT AS OTHERWISE INDICATED. STRECH AND PERMEABILITY RATING EQUIVALENT TO ADJOINING PIPE INSULATION JACKETING. STAPLES, BANDS, WIRES, AND CEMENT: AS RECOMMENDED BY INSULATION MANUFACTURER FOR APPLICATIONS INDICATED. ADHESIVES, SEALERS, AND PROTECTIVE FINISHES: AS RECOMMENDED BY INSULATION MANUFACTURER FOR APPLICATIONS INDICATED. MANUFACTURERS' SUBJECT TO COMPLIANCE WITH REQUIREMENTS, AVAILABLE PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, AND ARE LIMITED TO, THE FOLLOWING: ARMSTRONG WORLD INDUSTRIES, INC., OWENS-CORNING FIBERGLASS CORP., KEENE CORP., CERTAINTED, JOHNS MANVILLE.

ADHESIVES

MATERIALS SHALL BE COMPATIBLE WITH INSULATION MATERIALS, JACKETS, AND SUBSTRATES AND FOR BONDING INSULATION TO ITSELF AND TO SURFACES TO BE INSULATED, UNLESS OTHERWISE INDICATED. INSULATION FOR HANDICAP ACCESSIBLE FIXTURES ALL HANDICAP LAVATORY P-TRAP AND ANGLE STOP ASSEMBLIES SHALL BE INSULATED WITH TRAP WRAP PROTECTIVE KIT MANUFACTURED BY PROFLO MODEL PF202VING OR EQUIVALENT. ABRASION RESISTANT, ANTI-MICROBIAL VINYL EXTERIOR COVER SHALL BE SMOOTH. FOR TRAPS, THE INSULATION SHALL HAVE A CLEANOUT NUT CAP TO ALLOW SERVICE TO THE TRAP WITHOUT DISASSEMBLY. FOR STOPS, THE INSULATION SHALL HAVE A LOCK LID THAT PREVENTS TAMPERING BUT ALLOWS ACCESS WITHOUT REMOVAL OF THE INSULATION. FASTENERS SHALL REMAIN SUBSTANTIALLY OUT OF SIGHT. MANUFACTURERS' SUBJECT TO COMPLIANCE WITH REQUIREMENTS: PROFLO, TRUEBERO, PLUMBEREX.

GENERAL

INSULATION SHALL BE LISTED AND LABELED PER ASTM E 84 FOR PLENUM INSTALLATIONS EMPLOYING SLIP ON TECHNIQUES.

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.

IDENTIFICATION

PROVIDE PIPE IDENTIFICATION EVERY 10 FEET (EXCEPT WHERE PIPES ARE EXPOSED TO PUBLIC) IN ACCORDANCE WITH SPECIFICATIONS.

GENERAL PLUMBING NOTES

- 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.
- 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 FROM ACTUAL BUILDING DIMENSIONS.
- THE PLUMBING CONTRACTOR SHALL COORDINATE PLUMBING WORK WITH OTHER TRADES. THE ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR FIXTURES IN CASEWORK AND PLUMBING DETAILS.

GENERAL NOTES

SITE EXAMINATION

THE CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE FIXTURES, EQUIPMENT, AND PIPING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT, IN HIS OPINION, PREVENTS THE PROPER INSTALLATION OF THE PLUMBING WORK.

STANDARDS

EQUIPMENT AND MATERIALS SHALL CONFORM WITH THE APPROPRIATE PROVISIONS OF CSA, UL, ASME, ASTM, UL, NEMA, ANSI, 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 SPECIFICATIONS AND THE CODES AND ORDINANCES, THE HIGHEST STANDARD SHALL APPLY. 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 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.

LEED

ALL WORK, MATERIALS AND EQUIPMENT SHALL MEET LEED REQUIREMENTS & CODE. IN CASE OF CONFLICT, THE HIGHER STANDARD SHALL APPLY.

PLUMBING FIXTURES

WATER FILTRATION

STARBUCKS WATER FILTRATION VENDOR WILL FURNISH FILTRATION SYSTEM. GENERAL CONTRACTOR SHALL CONFIRM WITH STARBUCKS CONSTRUCTION MANAGER WHETHER VENDOR OR PLUMBING CONTRACTOR SHALL INSTALL FILTRATION SYSTEM.

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.

PROVIDE AND COORDINATE LINE VOLTAGE WIRING, LINE VOLTAGE CONTROL AND INTERLOCK WIRING FOR MECHANICAL SYSTEMS, AND LOW VOLTAGE CONTROL WIRING. FURNISH WIRING DIAGRAMS TO THE ELECTRICAL CONTRACTOR AS REQUIRED FOR PROPER EQUIPMENT INSTALLATION. COORDINATE ACTUAL WIRE SIZING AMPS FOR PLUMBING EQUIPMENT (FROM THE EQUIPMENT NAMEPLATE) WITH THE ELECTRICAL CONTRACTOR TO ENSURE PROPER INSTALLATION.

CARBONATION

STARBUCKS CARBONATION VENDOR WILL FURNISH EQUIPMENT, CO<sub>2</sub> TANKS, AND FITTINGS. STARBUCKS SHALL PROVIDE AND CONTRACTOR SHALL INSTALL CO<sub>2</sub> TANK MOUNTING BRACKET, PROTECTIVE SHELVING UNITS, AND CO<sub>2</sub> GAS TUBING AS SHOWN ON DRAWINGS AND PER MANUFACTURER'S INSTRUCTIONS. MAXIMUM TUBING LENGTH INCLUDING COILED ENDS IS 100 FEET AND MAXIMUM BEND IS 3 INCH RADIUS. ROUTE CO<sub>2</sub> TUBING PREFERABLY THROUGH WALL AND/OR CEILING CAVITIES, WITHOUT KINKS AND SO AS TO NOT TOUCH ANY HOT SURFACE (BALLAST, STEAM PIPE, ETC.) OR RUB AGAINST A SHARP EDGE THAT MAY ABRADE OR CUT TUBING. ALL HOLES MUST BE SEALED WITH A GROMMET OR ESCUTCHEON. TUBING IS TO BE SECURED TO APPROPRIATE PERMANENT SURFACES TO KEEP IT OFF THE FLOOR OR CABINET BOTTOMS AND AWAY FROM OTHER EQUIPMENT. LABEL BOTH ENDS OF TUBING AND AT 10 FOOT INTERVALS ALONG ROUTE AS "CO<sub>2</sub>."

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.

PLUMBING 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
WATER SERVICE AND METER	X	
BOOSTER PUMP FOR WATER SERVICE		N/A
BELOW FLOOR / SLAB WASTE, VENT AND WATER PIPES	X	X
ABOVE FLOOR / SLAB WASTE, VENT AND WATER PIPES	X	X
PLUMBING VENT(S) THROUGH ROOF	X	
EXTERIOR HOSE BIBB(S)	X	
BASE COVERAGE SPRINKLER SYSTEM	N/A	
SPRINKLER SYSTEM MODIFICATIONS FOR TENANT BUILDOUT		N/A
INTERIOR GREASE INTERCEPTOR		N/A
EXTERIOR GREASE INTERCEPTOR	X	



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FOR CONSTRUCTION

PROJECT NAME:  
**US 17-92 & LAKE MARY BLVD**

PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 23773**

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGN MANAGER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule

Rev	Date	Description

SHEET TITLE:

**PLUMBING NOTES**

SCALE: AS INDICATED

SHEET NUMBER:

**P-001**





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Revision Schedule

Rev	Date	Description

SHEET TITLE:

**PLUMBING SUPPLY PLAN**

SCALE: AS INDICATED

SHEET NUMBER:

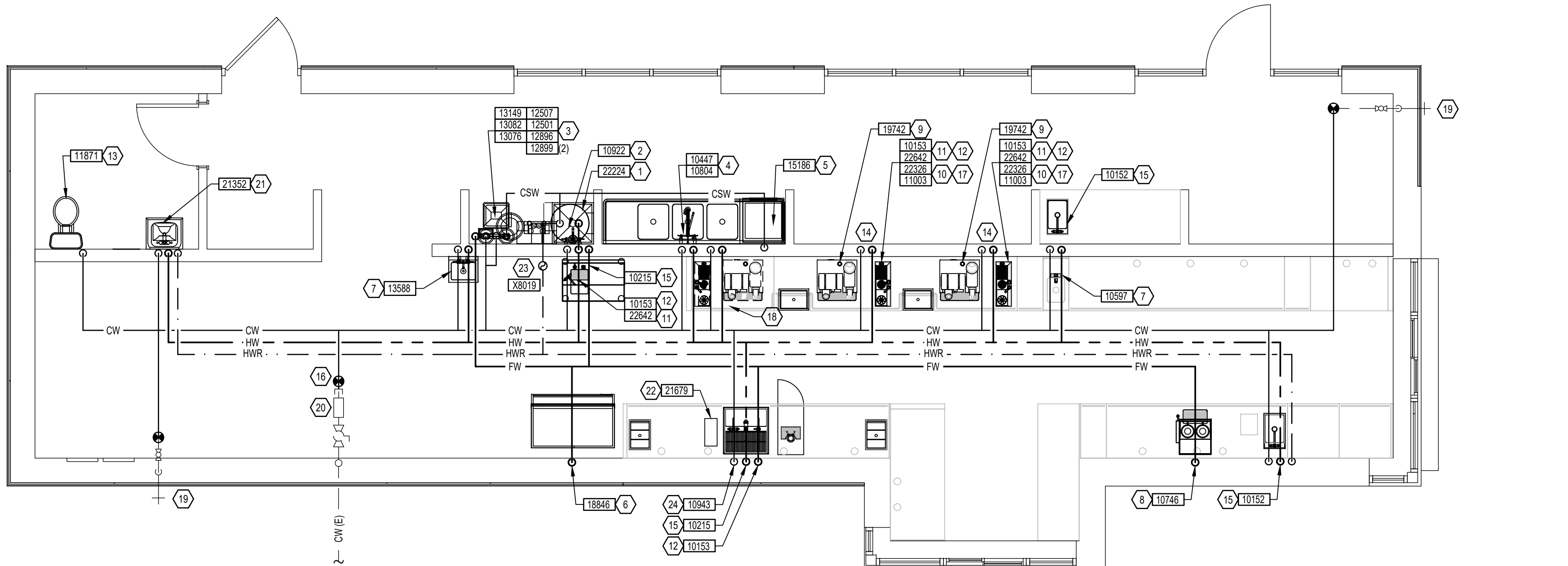
**P-111**

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.
- COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTION TO ALL PLUMBING EQUIPMENT.
- SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
- 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" THICK SELF SEALING, SECTIONAL CLOSED-CELL FOAM INSULATION. REFER TO SHEET P002 FOR HOT WATER SUPPLY LINE INSULATION REQUIREMENTS.
- CONTRACTOR SHALL CONTACT WATER FILTER SUPPLIER 10 DAYS (MINIMUM) BEFORE THE TIME THAT THE FILTER SYSTEM IS TO BE STARTED UP.

KEYED NOTES:

- PIPE 3/4" COLD SOFTENED WATER TO WATER HEATER. PIPE 2" HOT WATER FROM WATER HEATER. WATER HEATER AS SPECIFIED ON SHEET P601. REFER TO WATER HEATER DETAIL ON SHEET P501.
- 1/2" HOT WATER AND 1/2" COLD WATER TO FAUCET WITH INTEGRAL ASSE 1001 ATMOSPHERIC VACUUM BREAKER AT MOP SINK. CAULK AND SEAL BACK OF SINK TO WALL.
- (3) 3/4" CITY COLD WATER WITH ASSE 1022 DOUBLE CHECK VALVE WITH ATMOSPHERIC VENT TO FILTRATION EQUIPMENT WITH 3/4" FILTERED WATER AND 3/4" COLD SOFTENED WATER OUT. PLUMBING CONTRACTOR TO FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ACTIVATION PROCEDURES FOR BOTH SYSTEMS. REFER TO FILTER CONNECTION DETAIL ON SHEET P501.
- 1/2" HOT WATER AND 1/2" COLD WATER TO FAUCET AND SPRAY AT THREE COMPARTMENT SINK. CAULK AND SEAL BACK OF SINK TO WALL.
- 1/2" COLD SOFTENED WATER WITH INTEGRAL ASSE 1001 ATMOSPHERIC VACUUM BREAKER TO DISHWASHER. INSTALL SHUT-OFF WITH 3/4" MALE HOSE-END FITTING @ 18" AFF UNDER COMPARTMENT SINK. SHUT-OFF TO INCLUDE PRESSURE REDUCING VALVE, PRESSURE GAUGE (SET @ 20 PSIG, \* OR - 5 PSIG), LINE STRAINER, AND SHOCK ARRESTOR IN WALL. CONNECT SANITIZER TO CSW SUPPLY WITH 72" LONG BRAIDED STAINLESS STEEL HOSE.
- 1/2" FILTERED WATER WITH ASSE 1022 DOUBLE CHECK VALVE WITH ATMOSPHERIC VENT TO ICE MACHINE. REDUCE TO 3/8" AT MACHINE.
- 1/2" HOT WATER AND 1/2" COLD WATER TO ASSE 1070 THERMOSTATIC MIXING VALVE. 3/8" TEMPERED WATER FROM THERMOSTATIC MIXING VALVE TO FAUCET AT HAND SINK. SET THERMOSTATIC MIXING VALVE TO DELIVER 100°F TEMPERED WATER.
- 1/2" FILTERED WATER TO COFFEE/TEA BREWER WITH ASSE 1022 DOUBLE CHECK VALVE WITH ATMOSPHERIC VENT. INSTALL SHUT-OFF IN CABINET @ 24" AFF REDUCE TO 3/8" AT UNIT.
- 1/2" FILTERED WATER TO ESPRESSO MACHINE PUMP. CONNECT 3/8" COMPRESSION BRAIDED STAINLESS STEEL HOSE FROM SHUT-OFF TO ESPRESSO MACHINE WATER INLET. SEE DETAIL PROVIDED ON SHEET P501.
- 1/2" COLD WATER TO DIPPERWELL FAUCET. REDUCE TO 1/4" AT UNIT.
- 1/2" FILTERED WATER TO INSTAHOT TAP. REDUCE TO 1/4" AT UNIT.
- 1/2" FILTERED WATER TO WATER TOWER FAUCET LOCATED IN WATER STATION.
- 1/2" COLD WATER TO TOILET. PROVIDE WATER HAMMER ARRESTOR IN SUPPLY LINE. SEE DETAILS ON SHEET P501.
- 3/4" FILTERED WATER AND 3/4" COLD WATER DOWN IN WALL TO BELOW COUNTER TOP LEVEL. REFER TO NOTES 9, 10, 11, 12, AND 17. VERIFY ROUTING IN FIELD WITH GC PRIOR TO INSTALLATION.
- 1/2" HOT WATER WITH ASSE 1012 DOUBLE CHECK VALVE WITH ATMOSPHERIC VENT AND 1/2" COLD WATER WITH ASSE 1022 DOUBLE CHECK VALVE WITH ATMOSPHERIC VENT TO SINK.
- CONNECT TO EXISTING 1-1/2" DOMESTIC WATER SERVICE TO LEASE SPACE. VERIFY EXACT SIZE, LOCATION, PRESSURE AND REQUIREMENTS ON SITE.
- 1/2" COLD WATER WITH ASSE 1022 DOUBLE CHECK VALVE WITH ATMOSPHERIC VENT TO PITCHER RINSER.
- COLD AND FILTER WATER TO BE STUBBED AND BELOW COUNTER TOP LEVEL FOR FUTURE CONNECTION OF PLUMBING EQUIPMENT. REFER TO NOTES 9, 10, 11, 12, 14, AND 17.
- 3/4" COLD WATER TO EXISTING HOSE BIB TO REMAIN.
- EXISTING BOOSTER PUMP BY LANDLORD IF REQUIRED. FIELD VERIFY LOCATION AND ALL REQUIREMENTS IF REQUIRED AND INSTALLED.
- 1/2" HOT WATER AND 1/2" COLD WATER TO ASSE 1070 THERMOSTATIC MIXING VALVE. REDUCE HOT WATER AND COLD WATER LINES TO 3/8" AT THERMOSTATIC MIXING VALVE. 3/8" TEMPERED WATER FROM THERMOSTATIC MIXING VALVE TO METERED FAUCET AT LAVATORY. SET THERMOSTATIC MIXING VALVE TO DELIVER 100°F TEMPERED WATER.
- 1/2" NITROGEN GAS LINE FROM NITROGEN GENERATOR TO NITRO WORKSTATION. FINAL CONNECTION BY STARBUCKS VENDOR.
- 3/4" HOT WATER RETURN TO HOT WATER RECIRC PUMP. SEE DETAIL SHEET P501.
- 1/2" COLD WATER WITH ASSE 1022 DOUBLE CHECK VALVE WITH ATMOSPHERIC VENT TO FAUCET AT SINK.



DOMESTIC WATER PLAN

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

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







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Revision Schedule

Rev	Date	Description

SHEET TITLE:

**PLUMBING WASTE PLAN**

SCALE: AS INDICATED

SHEET NUMBER:

**P-112**

GENERAL NOTES:

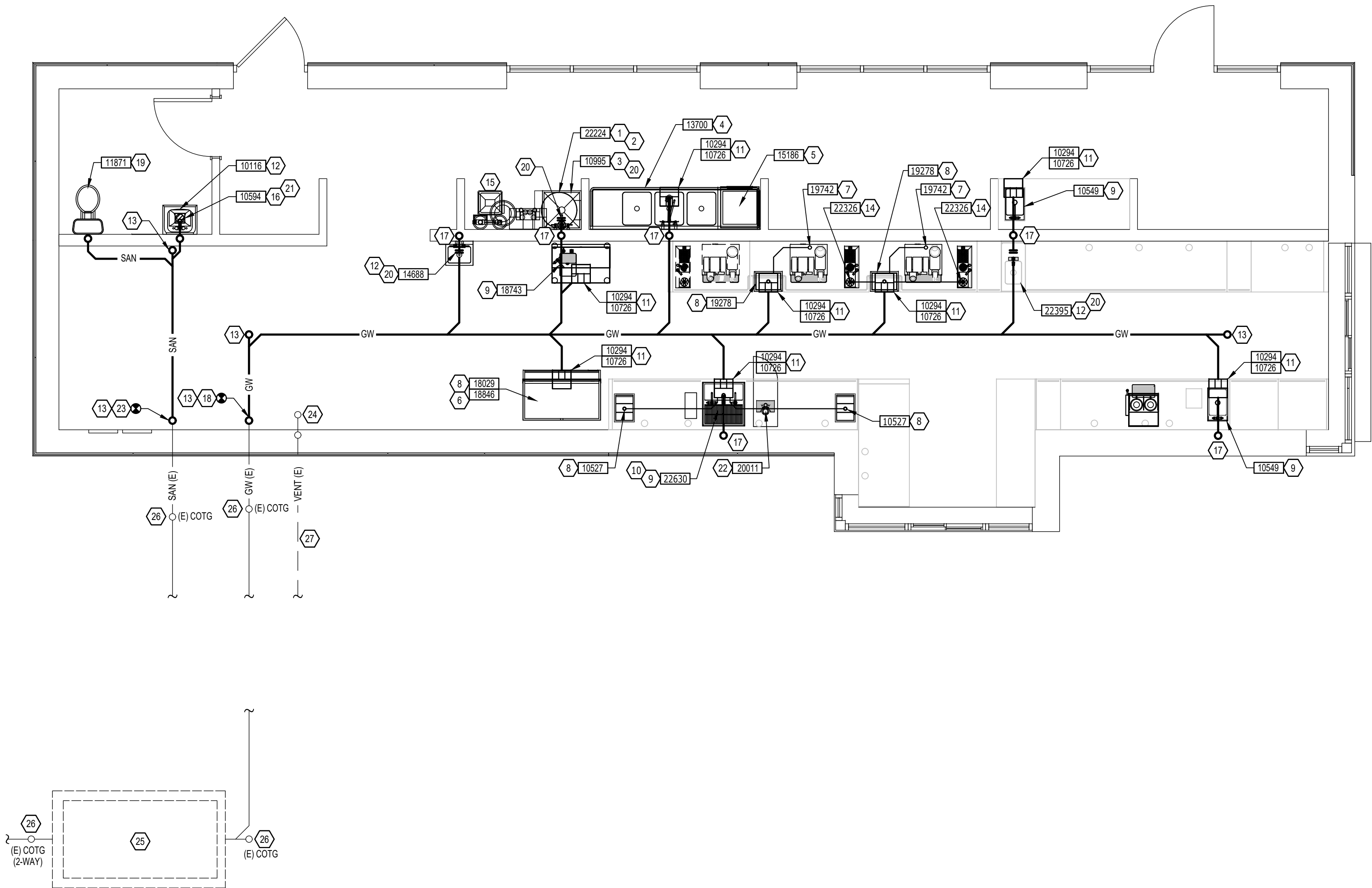
- FURNISH AND INSTALL A COMPLETE AND OPERATING SYSTEM. ALL ITEMS ARE NOT NECESSARILY SHOWN.
- FOR FULL SCHEDULES AND COMPLETE LISTING SEE ARCHITECTURAL SCHEDULES. CONFIRM ALL QUANTITIES WITH PLAN.
- PLUMBING CONTRACTOR RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO START OF WORK TO REVEAL FULL SCOPE OF WORK.
- COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTOR FOR POWER CONNECTION TO ALL PLUMBING EQUIPMENT.
- SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS.
- ALL INDIRECT DRAIN LINES SHALL BE ROUTED WITHOUT DIPS OR SAGS TO TERMINATE WITH AN AIR GAP INTO AN APPROVED INDIRECT WASTE RECEPTOR.
- REFER TO DETAILS FOR FURTHER REQUIREMENTS.
- LOCATIONS OF EXISTING PIPING AND FIXTURES ARE APPROXIMATE. VERIFY LOCATION IN FIELD.

KEYED NOTES:

- 3/4" PRESSURE RELIEF FROM WATER HEATER TO MOP SINK.
- 1" INDIRECT DRAIN FROM WATER HEATER DRIP PAN TO MOP SINK.
- 3" WASTE FROM MOP SINK.
- 2" INDIRECT DRAIN FROM EACH THREE COMPARTMENT SINK BASIN TO FLOOR SINK.
- 1-1/4" INDIRECT DRAIN FROM DISHWASHER TO FUNNEL OVER FLOOR SINK IF PERMITTED.
- 3/4" I.D. F.P.T. FROM DRAIN ON ICE MACHINE TO INDIRECT DRAIN AT FLOOR SINK.
- 5/8" DRAIN HOSE TO INDIRECT DRAIN RISER. SEE DETAIL ON SHEET P501.
- 1" INDIRECT INSULATED DRAIN LINE FROM ICE BIN DROP TO FLOOR SINK.
- 1-1/2" INDIRECT DRAIN FROM SINK TO FLOOR SINK.
- 3/4" INDIRECT DRAIN FROM WATER STATION DRAIN BOARD TO FLOOR SINK.
- 3" WASTE FROM FLOOR SINK.
- 2" WASTE FROM SINK.
- FLOOR CLEAN OUT MATCH TO DRAIN LINE SIZE.
- 1-1/2" INDIRECT DRAIN FROM PITCHER RINSER TO FLOOR SINK.
- 3/4" INDIRECT DRAIN FROM WATER EQUIPMENT TO MOP SINK.
- 3" WASTE FROM FLOOR DRAIN.
- 2" VENT PIPE.
- CONNECT TO EXISTING GREASE WASTE BUILDING DRAIN.
- 3" WASTE FROM WATER CLOSET.
- WALL CLEAN OUT TO MATCH DRAIN SIZE.
- PROVIDE ASSE 1072 TRAP GUARD IN FLOOR DRAIN P-TRAP.
- 1/2" INDIRECT DRAIN FROM NITRO STATION TO FLOOR SINK.
- CONNECT TO EXISTING SANITARY BUILDING DRAIN
- EXISTING 4" VENT THROUGH ROOF.
- EXISTING 1250 GALLON GREASE INTERCEPTOR BY LANDLORD UNDER A SEPARATE PERMIT.
- EXISTING CLEAN OUT AT GRADE TO REMAIN WITHOUT MODIFICATION.
- EXISTING 2" VENT FROM GREASE INTERCEPTOR BY LANDLORD UNDER A SEPARATE PERMIT. FIELD VERIFY ROUTING AND ALL REQUIREMENTS.

GREASE INTERCEPTOR CALCULATION:

- CALCULATION BASED UPON FAC 64E-6013 (7) (d) 1.
- (MEALS) X (GALLONS OF WASTE PER MEAL) X (LOADING FACTOR) = EFFECTIVE CAPACITY OF GREASE INTERCEPTOR.
- MEALS = 240.
- GALLONS OF WASTE PER MEAL = 5.
- LOADING FACTOR = 1.00 (FOR DISHWASHING).
- (240) X (5) X (1.00) = 1200 GALLONS.



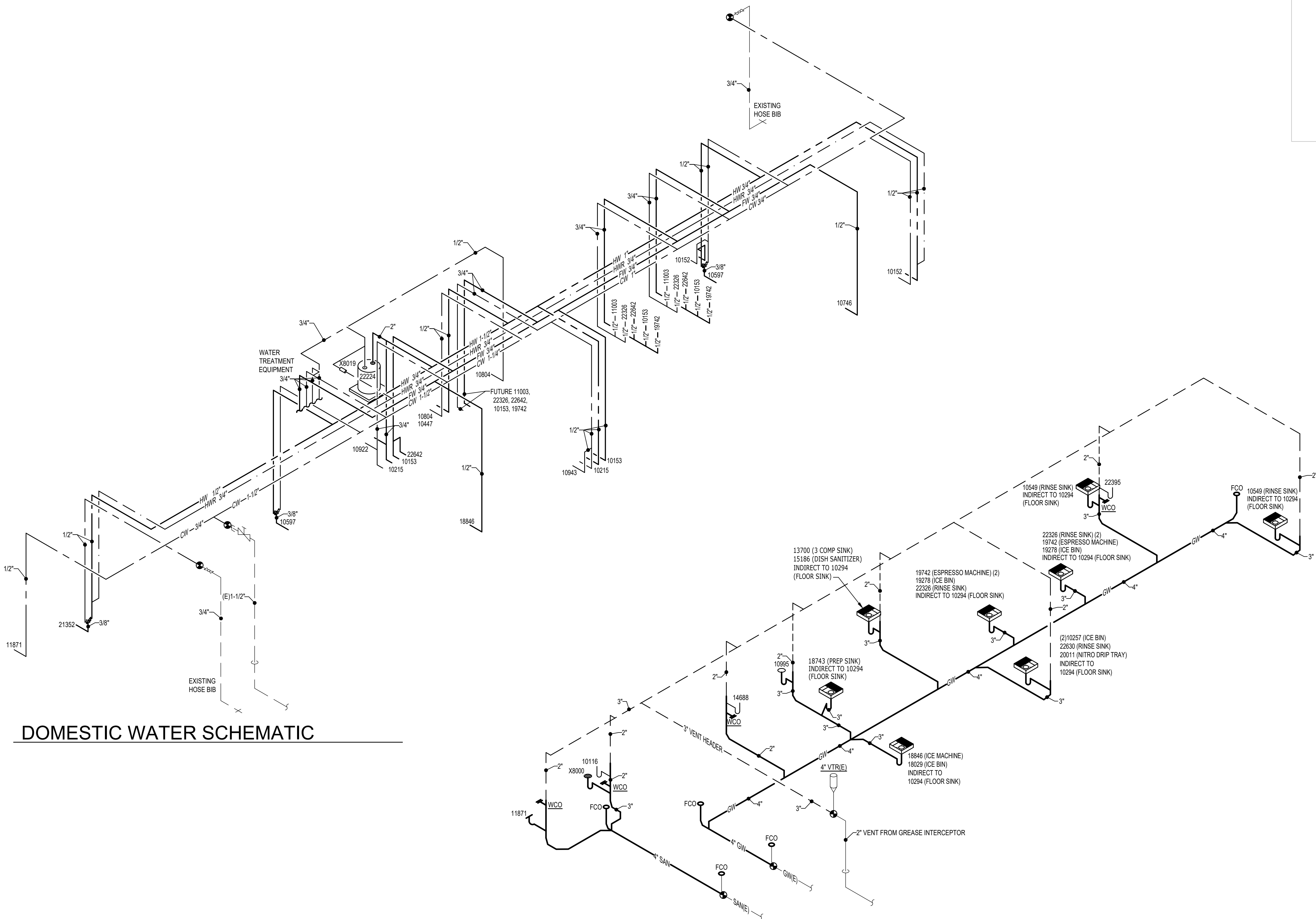
PLUMBING WASTE PLAN

SCALE = 1/4" = 1' - 0"

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

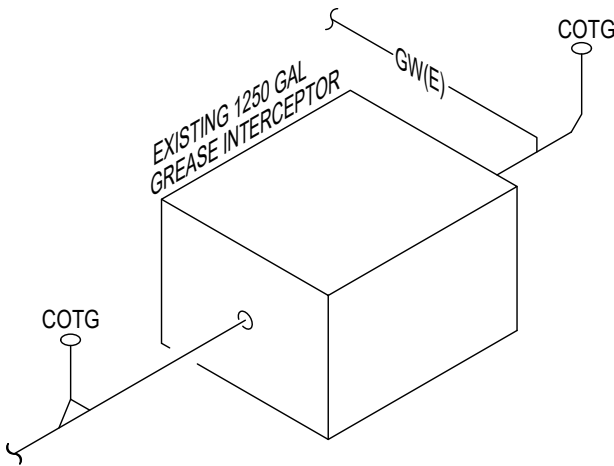






DOMESTIC WATER SCHEMATIC

WASTE SCHEMATIC



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Revision Schedule		
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SHEET TITLE:  
**PLUMBING ISOMETRICS**

SCALE: AS INDICATED

SHEET NUMBER:  
**P-113**







WASTE & WATER SERVICE CALCULATIONS:									
EQUIPMENT	WASTE			COLD		HOT			
	QTY	F.U.	TOT.	F.U.	TOT.	F.U.	TOT.		
THREE COMPARTMENT SINK	1	-	-	2.25	2.25	2.25	2.25	INDIRECT TO FLOOR SINK	
MOP SINK	1	2	2	2.25	2.25	2.25	2.25		
HAND SINK	2	1	2	0.5	1	0.5	1		
EMERGENCY FLOOR DRAIN	1	-	-	-	-	-	-		
FLOOR DRAIN	-	2	-	-	-	-	-		
FLOOR SINK	8	5	40	-	-	-	-		
ICE MACHINE	1	-	-	0.5	0.5	-	-	INDIRECT TO FLOOR SINK	
KITCHEN SINK	3	-	-	3	9	3	9	INDIRECT TO FLOOR SINK	
WATER CLOSET	1	4	4	5	5	-	-		
URINAL	-	4	-	5	-	-	-		
LAVATORY	1	1	1	1.5	1.5	1.5	1.5		
ESPRESSO MACHINE	3	-	-	1	3	-	-	INDIRECT TO FLOOR SINK	
COFFEE BREWER	1	-	-	1	1	-	-		
WAREWASHER	1	-	-	6	6	-	-	INDIRECT TO FLOOR SINK	
BEVERAGE STATION	-	-	-	1	-	-	-	INDIRECT TO FLOOR SINK	
PITCHER RINSER	3	-	-	3	9	-	-	INDIRECT TO FLOOR SINK	
TOTAL			49		40.5		16		

ELECTRIC WATER HEATER	
TAG	22224
GALLON CAPACITY	50
VOLTAGE/PHASE	208/3
UPPER/LOWER WATTAGE	4500/4500/4500
NO. OF ELEMENTS	3 (SIMULTANEOUS)
GPH RECOVERY @ 100°	56
MANUFACTURER	BRADFORD WHITE
MODEL	E32-50S-3

NEW EQUIPMENT & PLUMBING FIXTURE SCHEDULE

DESIGN ID	COUNT	DESCRIPTION	RESP.	SERVES	W	IW	V	CW	CSW	FW	HW	TW	COMMENTS
DRAIN													
10294	8	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB-GC	-	3"	-	2"	-	-	-	-	-	
10726	8	DRAIN - GRATE HALF SQUARE - 12IN 305MM	SB-GC	-	-	-	-	-	-	-	-	-	
10594	1	FLOOR DRAIN - 6" ROUND	GC-GC	RESTROOMS	3"	-	2"	-	-	-	-	-	JAY R SMITH 2005-K06CP
FAUCET													
10152	1	FAUCET - DOUBLE LABORATORY WITH BENT RISER SPOUT	SB-GC	10549	-	-	-	1/2"	-	-	1/2"	-	2.2GPM
10153	5	FAUCET - WATER TOWER - 12IN 305MM	SB-GC	18743, 22326, 22630	-	-	-	-	-	1/2"	-	-	
10215	2	FAUCET - DOUBLE LABORATORY WITH SWING SPOUT	SB-GC	22630, 18743	-	-	-	1/2"	-	-	1/2"	-	2.2GPM
10447	1	FAUCET - PRE RINSE SPRAYER WALL MOUNTED	SB-GC	13700	-	-	-	-	-	-	1/2"	-	1.2GPM
10597	1	FAUCET - SINGLE HANDLE	SB-GC	22395	-	-	-	1/2"	-	-	-	1/2"	0.5GPM AERATOR
21352	1	FAUCET - SINGLE HANDLE - METERED MOTION SENSOR	SB-GC	10116	-	-	-	1/2"	-	-	-	1/2"	0.5GPC METERED
10804	1	FAUCET - PRE RINSE SWING SPOUT	SB-GC	13700	-	-	-	1/2"	-	-	1/2"	-	1.2GPM
22642	4	FAUCET - HOT WATER DISPENSER WITH POINT-OF-USE WATER HEATER	SB-GC	22326, 18743	-	-	-	-	-	1/2"	-	-	1.5KW INPUT; 6.1GPH @ 90°F RISE
10922	1	FAUCET - MOP SINK WALL MOUNTED	SB-GC	10995	-	-	-	1/2"	-	-	1/2"	-	
11003	3	FAUCET - DIPPERWELL	SB-GC	22326	-	-	-	1/2"	-	-	-	-	0.5GPM METERED
13588	1	FAUCET - HAND SINK WALL MOUNTED	SB-GC	14688	-	-	-	1/2"	-	-	-	1/2"	0.5GPM AERATOR
10943	1	FAUCET - SINGLE LABORATORY WITH SWING SPOUT	SB-GC	22630	-	-	-	1/2"	-	-	-	-	2.2GPM
SINK													
10116	1	SINK - RESTROOM WALL MOUNTED	SB-GC	21352	2"	-	1 1/2"	-	-	-	-	-	
10549	1	SINK - RINSE DROP IN SST - 12X20IN 305X510MM	SB-GC	10152	-	1 1/2"	-	-	-	-	-	-	
10995	1	SINK - MOP - 24X24IN 610X610MM	SB-GC	10922	3"	-	2"	-	-	-	-	-	
13700	1	SINK - 3 COMP WORK SST - 105IN 2667MM	SB-GC	10447, 10804	-	2"	-	-	-	-	-	-	ELKAY
14688	1	SINK - HAND WALL MOUNTED WITH SIDE SPLASH SST	SB-GC	13588	2"	-	1 1/2"	-	-	-	-	-	
18743	1	PREP STATION SINK	SB-GC	22642, 10153, 10215	-	1-1/2"	1-1/2"	-	-	-	-	-	-
22326	3	SINK - RINSE 29X7IN WITH INTEGRAL PITCHER RINSER	SB-GC	10153, 11003, 22642	-	1-1/2"	-	1/2"	-	-	-	-	
22630	1	SINK - RINSE DROP IN - 27X26IN 685X670MM	SB-GC	10943, 10215, 10153	-	1 1/2"	-	-	-	-	-	-	
TOILET													
11871	1	TOILET - TANK EFFICIENT SINGLE FLUSH	GC-GC	-	3"	-	2"	1/2"		-	-	-	PROFLO PF1601PAWH 1.0GPF PRESSURE ASSIST
FILTER													
12501	1	FILTER - RO SYSTEM 600GPD	SB-GC	-	-	-	-	-	-	-	-	-	PENTAIR
12507	1	FILTER - RO SYSTEM 40GAL STORAGE TANK	SB-GC	-	-	-	-	-	-	-	-	-	PENTAIR
12896	1	FILTER - BRINE TANK	SB-GC	-	-	-	-	-	-	-	-	-	PENTAIR
12899	2	FILTER - POLY GLASS VESSEL	SB-GC	-	-	-	-	-	-	-	-	-	PENTAIR
13076	1	FILTER - PREFILTRATION SYSTEM	SB-GC	-	-	-	-	-	-	-	-	-	PENTAIR
13082	1	FILTER - WATER SOFTENER TWIN	SB-GC	-	-	-	-	-	-	-	-	-	PENTAIR
13149	1	FILTER - PRESSURE GAUGE	SB-GC	-	-	-	-	-	-	-	-	-	PENTAIR
WATER HEATER													
22224	1	WATER HEATER 50GAL ELECTRIC	GC-GC	-	-	3/4"	-	-	3/4"	-	1-1/2"	-	BRADFORD WHITE E32-50S-3 13.5KW
EQUIPMENT													
10746	1	BREWER DUAL SOFT HEAT	SB-GC	-	-	-	-	-	-	1/2"	-	-	
15186	1	DISHWASHER SANITIZER	SB-GC	-	-	3/4"	-	-	1/2"	-	-	-	
19742	3	ESPRESSO MACHINE MASTRENA	SB-GC	-	-	5/8"	-	-	-	1/2"	-	-	
X8019	1	HOT WATER RECIRCULATION PUMP	GC-GC	-	-	-	-	1/2"	-	-	-	-	BELL & GOSSETT MODEL NBF-36 PUMP WITH BELL & GOSSETT AQS-3/4 AQUASTAT, AND BELL & GOSSETT TC-1 AUTOMATIC TIMER
NITRO SYSTEM													
20011	1	NITRO STATION	SB-GC	-	-	1/2"	-	-	-	-	-	-	
21679	1	NITROGEN GENERATOR COMPACT	SB-GC	-	-	-	-	-	-	-	-	-	
ICE													
10527	2	ICE - BIN DROP IN 45LB 20KG	SB-GC	-	-	1"	-	-	-	-	-	-	
19278	2	ICE - BIN DROP IN 45LB 20KG	SB-GC	-	-	1"	-	-	-	-	-	-	
18846	1	ICE - 48" MACHINE 1520LB REMOTE AIR COOLED	SB-GC	-	-	3/4"	-	-	-	1/2"	-	-	
18029	1	ICE - 48" BIN 854LB	SB-GC	-	-	1"	-	-	-	-	-	-	
CASEWORK													
22395	1	CABINET WITH HAND SINK	SB-GC	10597	2"	-	1 1/2"	-	-	-	-	-	

FOR CONSTRUCTION



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PROJECT NAME:  
**US 17-92 & LAKE MARY BLVD**  
PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 23773**

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGN MANAGER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule		
Rev	Date	Description

SHEET TITLE:  
**PLUMBING SCHEDULES**

SCALE: AS INDICATED

SHEET NUMBER:

P-601



ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITIES HAVING JURISDICTION
APPROX	APPROXIMATE
BLDG	BUILDING
CO	CARBON MONOXIDE
CO2	CARBON DIOXIDE
CM	STARBUCKS CONSTRUCTION MANAGER
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
ECF	EQUIPMENT CONTROL PAC
EG	EXHAUST GRILLE
ELEC	ELECTRICAL
EM	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EXIST	EXISTING
EXT	EXTERIOR
FLR	FLOOR
FT	FOOT/FEET
G	GAS PIPING
GC	GENERAL CONTRACTOR
HR	HOOR
HVAC	HEATING, VENTILATION, AIR CONDITIONING
I.D.	INSIDE DIAMETER
IAQ	INDOOR AIR QUALITY
LCP	LIGHTING CONTROL PANEL
LL	LANDLORD
LV	LOW VOLTAGE
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL AND PLUMBING
MFG	MANUFACTURER
MIN	MINIMUM
NTS	NOT TO SCALE
O.D.	OUTSIDE DIMENSION
OSA	OUTSIDE AIR
REF	REFERENCE
REQ'D	REQUIRED
REV	REVISION
RT	ROOFTOP
SHT	SQUARE FEET
SHEET	SHEET
SPECS	SPECIFICATION(S)
SST	STAINLESS STEEL
TEMP	TEMPORARY
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UC	UNDER COUNTER
WH	WATER HEATER
WSHP	WATER SOURCE HEAT PUMP

GENERAL NOTES

**SCOPE** THE INTENT OF THE PROJECT MANUAL AND THE DRAWINGS IS TO PROVIDE A COMPLETE AND FULLY OPERATIONAL MECHANICAL SYSTEM. THE MECHANICAL CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THE MECHANICAL WORK.

**SITE EXAMINATION** THE MECHANICAL CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE EQUIPMENT, DUCTWORK, AND PIPING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT, IN HIS OPINION, PREVENTS THE PROPER INSTALLATION OF THE MECHANICAL WORK.

**PENETRATIONS** WHERE PIPES AND DUCTS PENETRATE WALL. SEAL OPENINGS TO PREVENT AIR TRANSFER BETWEEN SPACES. USE FIRE RATED SEALANTS ON ALL FIRE SEPARATION PENETRATIONS, INCLUDING FLOORS. SEAL AROUND ALL PIPES AND DUCTS PENETRATING FIRE SEPARATIONS WITH NON-COMBUSTIBLE PACKING RETAINED BY METAL COLLARS. THE ASSEMBLY SHALL BE APPROVED BY STATE FIRE MARSHALL.

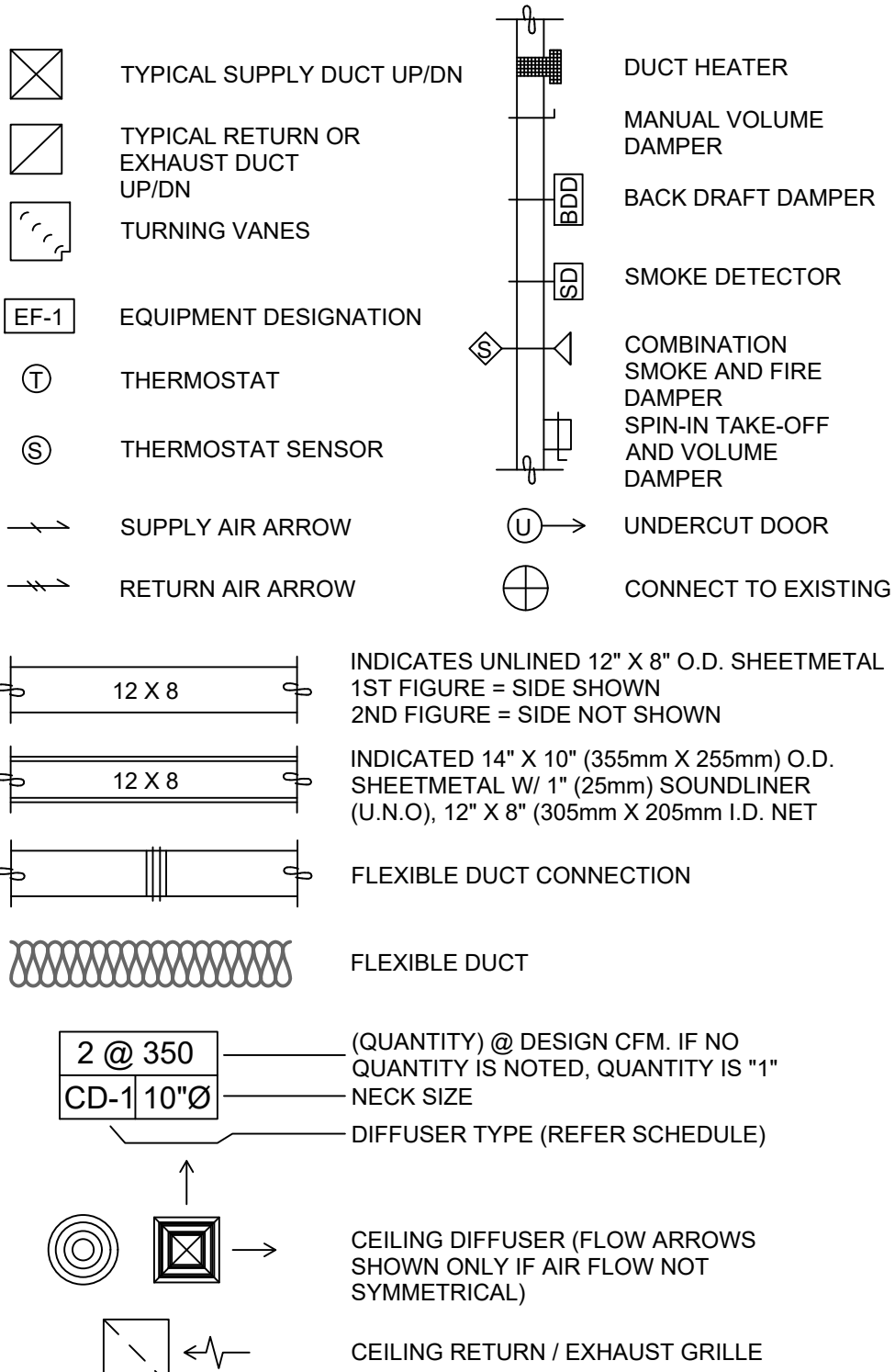
**STANDARDS** EQUIPMENT AND MATERIALS SHALL CONFORM WITH THE APPROPRIATE PROVISIONS OF CSA, ULC, ARL, ASME, ASTM, UL, NEMA, ANSI, SMACNA, ASHRAE, NFPA, AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

**CODES** ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE PROVINCIAL AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND PROJECT MANUAL AND THE CODES AND ORDINANCES, USE WHICHEVER IS MORE STRINGENT. THE MECHANICAL CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO STARBUCKS.

**PERMITS AND FEES** THE MECHANICAL CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS NECESSARY TO COMPLETE THE MECHANICAL WORK.

**WARRANTY** THE MECHANICAL CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY STARBUCKS AND WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE AND RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE MATERIALS AND WORKMANSHIP.

MECHANICAL SYMBOL LEGEND



CONTROLS AND OPERATION NOTES

THE GENERAL CONTRACTOR SHALL PROVIDE 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 AIR HANDLING UNIT. MOUNT THERMOSTAT(S) AND SENSOR(S) IN LOCATION & HEIGHT AS INCUBATED 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)

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.

DUCTWORK AND ACCESSORIES

**SHEET METAL DUCTWORK** SEE SPECIFICATIONS FOR SHEET METAL DUCT REQUIREMENTS. ALL EXPOSED DUCTWORK TO BE SPIRAL ROUND, OR RECTANGULAR LOCK-SEAM TYPE, AS SHOWN ON HVAC PLAN SHEET. ASSEMBLE AND INSTALL DUCTWORK IN ACCORDANCE WITH RECOGNIZED INDUSTRY PRACTICE FOR ACHIEVING AIR TIGHT (5% LEAKAGE) AND NOISELESS (NO OBJECTIONABLE NOISE) SYSTEMS, CAPABLE OF PERFORMING EACH INDICATED SERVICE. FURNISH AND INSTALL ALL REQUIRED DAMPERS, TRANSITIONS, CONNECTIONS TO AIR TERMINALS, AND OTHER ACCESSORIES NECESSARY FOR COMPLETE OPERATING SYSTEM. NO VARIATION OF DUCT CONFIGURATION OR SIZES WILL BE PERMITTED EXCEPT BY PERMISSION FROM THE ENGINEER.

**DUCT SEALANT** SEAL ALL LONGITUDINAL AND TRANSVERSE JOINTS PER SPECIFICATIONS. COVER ALL FIELD JOINTS. JOINTS AROUND SPIN-IN FITTINGS, AND FASTENING SCREWS WITH MASTIC.

**SUPPORTS** PROVIDE FASTENERS, ANCHORS, RODS, STRAPS, TRIM, AND ANGLES FOR SUPPORT OF DUCTWORK. SUPPORTS MUST COMPLY WITH LOCAL REGULATIONS AND CODE .

**DAMPERS** PROVIDE VOLUME CONTROL DAMPERS WHERE INDICATED ON DRAWINGS AND AT POINTS ON LOW PRESSURE SUPPLY, RETURN, AND EXHAUST DUCTS WHERE BRANCHES ARE TAKEN FROM LARGER DUCTS. PROVIDE UL LISTED FIRE OR FIRE/SMOKE DAMPERS WHERE REQUIRED AND IN ACCORDANCE WITH NFPA AND LOCAL CODES. 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.

**GRILLES, REGISTERS, AND DIFFUSERS** GRILLES, REGISTERS, AND DIFFUSERS SHALL BE AS SPECIFIED AND SHALL BE MECHANICAL CONTRACTOR SUPPLIED, UNLESS OTHERWISE NOTED. DIFFUSERS SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS AND SCHEDULES. THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL MISCELLANEOUS ITEMS NECESSARY FOR A COMPLETE AND PROPER INSTALLATION IN THE TYPE OF CEILING AND WALLS USED IN THIS PROJECT.

**THERMAL INSULATION** PROVIDE EXTERNAL THERMAL INSULATION WITH AN INTEGRAL VAPOR BARRIER FACING OF SUFFICIENT THICKNESS TO MEET LOCAL ENERGY CODE REQUIREMENTS OR ASHRAE 90.1-2004, WHICHEVER IS MORE STRINGENT. PROVIDE INSULATION ON OUTSIDE AIR DUCTS, AND ON CONCEALED PORTIONS OF SUPPLY AND RETURN AIR DUCTS. DO NOT EXTERNALLY INSULATE EXPOSED DUCTWORK AND PORTIONS OF DUCTWORK THAT ARE INTERNALLY LINED WITH CODE REQUIRED THICKNESS. INTERNALLY INSULATE EXPOSED SUPPLY DUCTWORK IF POSSIBILITY OF CONDENSATION. INTERNALLY INSULATE EXTERIOR DUCTWORK PER CODE.

**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.

HVAC EQUIPMENT AND MATERIALS

**AIR HANDLING UNITS** AIR HANDLING UNITS SHALL BE AS SPECIFIED IN THE MECHANICAL SCHEDULE AND SHALL BE FURNISHED AND INSTALLED PER THE LEASE AGREEMENT. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING DELIVERY, PROVIDING COMPLETE INSTALLATION INCLUDING CURBS, PIPING, VIBRATION ISOLATION, AND NECESSARY ACCESSORIES, AND PROVIDING WARRANTY.

**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.

**EXHAUST FANS** EXHAUST FANS SHALL BE AS SPECIFIED AND PROVIDED PER THE LEASE AGREEMENT. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING DISCHARGE LOCATION WITH NEW AND EXISTING VENTS AND INTAKES, PROVIDING COMPLETE INSTALLATION INCLUDING CURBS, BACKDRAFT DAMPER, DUCTWORK FROM RESTROOM GRILLE TO UNIT, NECESSARY ACCESSORIES AND PROVIDING WARRANTY.

**BRACING AND ANCHORING** ALL MECHANICAL EQUIPMENT, FIXED OR FLEXIBLY MOUNTED, SHALL BE BRACED OR ANCHORED TO COMPLY WITH LOCAL CODES.

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 REFERENCED BELOW.

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.

TESTING, ADJUSTING, BALANCING

INDEPENDENT AIR BALANCE CONTRACTOR OR QUALIFIED MECHANICAL CONTRACTOR SHALL BE QUALIFIED TO TAB WORK 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. 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 WIT THE MOST RECENT CALIBRATION DATE AND BALANCE REPORTS FOR ALL HVAC AND EXHAUST SYSTEMS. INCLUDE A COPY OF THE BALANCE REPORT AS APPROVED BY THE ENGINEER WITH APPLICATION FOR FINAL CONTRACT PAYMENT.

Project Name: SBUX US 17-92 and Lake Mary FL  
Prepared by: ChangeUp

02/16/2023  
01:48PM

Air System Sizing Summary for RTU Overall

Air System Information

Air System NameRTU Overall  
Equipment ClassPKG ROOF  
Air System TypeSZCAV

Number of zones1  
Floor Area1410.0 ft²  
LocationOrlando, Florida

Sizing Calculation Information

Calculation MonthsJan to Dec  
Sizing DataCalculated

Zone CFM SizingSum of space airflow rates  
Space CFM SizingIndividual peak space loads

Central Cooling Coil Sizing Data

Total coil load12.9 Tons  
Total coil load155.0 MBH  
Sensible coil load109.7 MBH  
Coil CFM at Jun 17005000 CFM  
Max block CFM5000 CFM  
Sum of peak zone CFM5000 CFM  
Sensible heat ratio0.708  
CFM/Ton387.0  
ft³/Ton109.1  
BTU/(hr·ft²)109.9  
Water flow @ 10.0 °F riseN/A

Load occurs atJun 1700  
OA DB / WB91.3 / 75.6 °F  
Entering DB / WB72.6 / 62.5 °F  
Leaving DB / WB52.2 / 51.3 °F  
Coil ADP49.9 °F  
Bypass Factor0.100  
Resulting RH56 %  
Design supply temp.52.1 °F  
Zone T-stat Check1 of 1 OK  
Max zone temperature deviation0.0 °F

Central Heating Coil Sizing Data

No central heating coil loads occurred during this calculation.

Supply Fan Sizing Data

Actual max CFM5000 CFM  
Standard CFM4981 CFM  
Actual max CFM/ft²3.55 CFM/ft²

Fan motor BHP5.50 BHP  
Fan motor kW4.56 kW


Outdoor Ventilation Air Data

Design airflow CFM21 CFM  
CFM/ft²0.01 CFM/ft²

CFM/person2.99 CFM/person

1 HVAC LOAD CALCULATION  
N.T.S.

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PROJECT NAME:  
**US 17-92 & LAKE MARY BLVD**

PROJECT ADDRESS:  
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SANFORD, FL 23773**

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGN MANAGER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule		
Rev	Date	Description

SHEET TITLE:  
**MECHANICAL NOTES**

SCALE: AS INDICATED

SHEET NUMBER:  
**M001**



KEYED NOTES

1. EXISTING ROOFTOP UNIT (RTU-1) ON ROOF BY LANDLORD UNDER SEPARATE PERMIT.

2. FULL SIZE SUPPLY AIR DISCHARGE DUCT WITH 1-1/2" DUCT LINER. SEE EXPOSED DUCTWORK SECTION OF SPECIFICATION FOR OPTIONAL COMBINATION THERMAL/ACOUSTICAL INSULATION WITHIN DOUBLE WALL DUCT AS AN ALTERNATIVE TO DUCT LINER.

3. FULL SIZE RETURN AIR DUCT WITH 1-1/2" DUCT LINER. SEE EXPOSED DUCTWORK SECTION OF SPECIFICATION FOR OPTIONAL COMBINATION THERMAL/ACOUSTICAL INSULATION WITHIN DOUBLE WALL DUCT AS AN ALTERNATIVE TO DUCT LINER.

4. WALL MOUNTED THERMOSTATS FOR ROOFTOP AC UNITS. MULTIPLE THERMOSTATS SHALL BE STACKED IN VERTICAL CONFIGURATION WITH A MINIMUM 8" CLEARANCE BELOW EACH THERMOSTAT. CONFIRM EXACT LOCATION WITH OWNER. THERMOSTAT FURNISHED BY LANDLORD WITH RTU.

5. INSTALL REMOTE TEMPERATURE SENSOR (FURNISHED BY LANDLORD WITH RTU.)

6. EXISTING 12" DIAMETER EXHAUST DUCT UP TO EXISTING EXHAUST FAN EF-1. 10' CLEARANCE RADIUS BETWEEN EXHAUST DISCHARGE AND OUTDOOR INTAKE IS SHOWN WITH DASHED CIRCLE. EXHAUST DUCT TO RUN IN BETWEEN JOIST SPACE.
7. MANUAL BALANCE DAMPER (TYPICAL).

8. EXISTING SMOKE DETECTOR IN SUPPLY AIR STREAM TO SHUT DOWN UNIT UPON DETECTION, PROVIDED BY LANDLORD UNDER SEPARATE PERMIT.

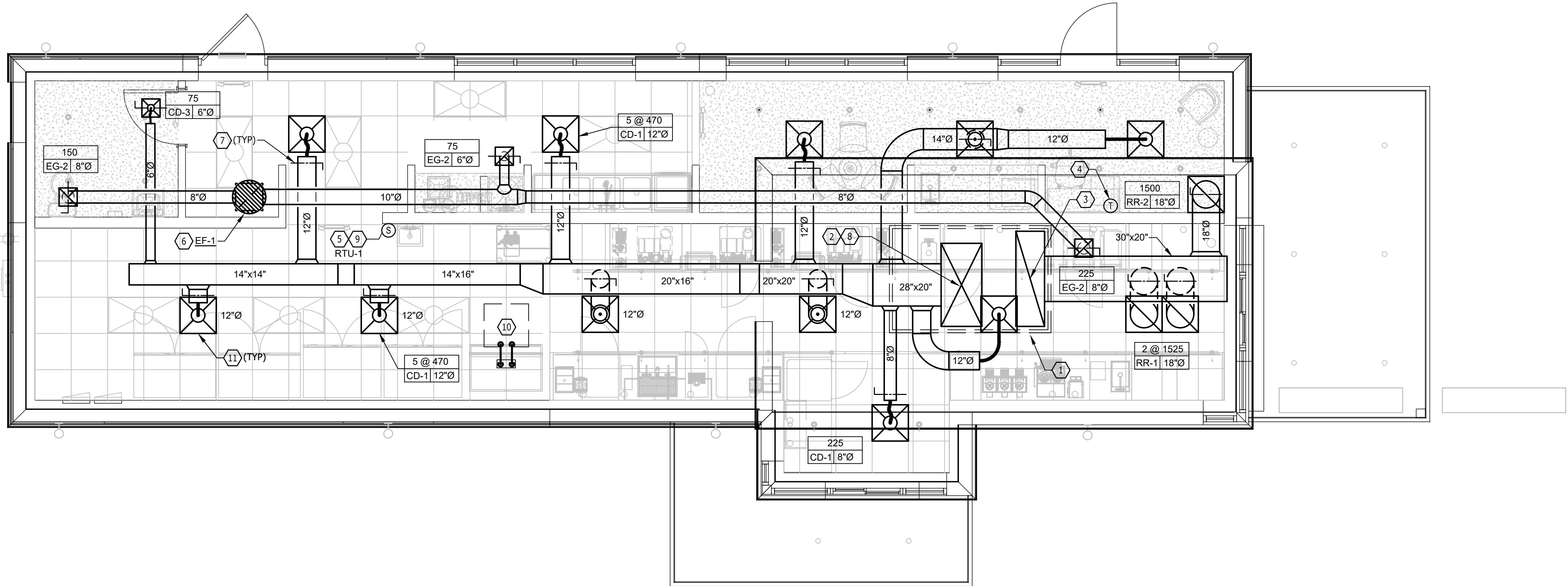
9. PROVIDE WALL MOUNTED CO2 SENSOR COMPATIBLE WITH ROOFTOP UNIT AT 60" AFF. FIELD VERIFY ALL REQUIREMENTS. CO2 SET POINTS:  
100% DESIGN OA RATE = 1000 PPM  
FOR EQC2 CREDIT SET POINT = 800 PPM.

10. AIR COOLED CONDENSER UNIT ON ROOF FOR ICE MACHINE BELOW. SET UNIT ON APPROVED ROOFCURB PROVIDED BY THE LANDLORD. EXTEND REFRIGERANT PIPING TO ICE MACHINE. FIELD VERIFY ALL REQUIREMENTS AND INCLUDE ALL COST IN BIDS FOR A COMPLETE SYSTEM.

11. PAINT DIFFUSER TO MATCH COLOR OF CEILING. COORDINATE WITH OWNER. FIELD VERIFY ALL REQUIREMENTS.

GENERAL NOTES

- A. SEE SHEET M-601 FOR EQUIPMENT & AIR DEVICE SCHEDULES.
- B. MECHANICAL CONTRACTOR RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO START OF WORK TO REVEAL FULL SCOPE OF PROJECT.
- C. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS TO ALL MECHANICAL EQUIPMENT.
- D. DUCTWORK ABOVE CEILINGS SHALL BE ROUTED AS HIGH AS POSSIBLE. REFER TO CEILING PLANS AND SECTIONS FOR HEIGHT OF EXPOSED DUCTWORK.
- E. CONTRACTOR SHALL INSTALL REFRIGERANT PIPING TO/FROM REMOTE CONDENSER FOR ICE MACHINE AND/OR WALK IN COOLERS.
- F. SEE ARCHITECTURAL SHEETS FOR PAINTING AND COLORS OF ALL EXPOSED DUCTWORK, DIFFUSERS AND GRILLES.
- G. SEE ARCHITECTURAL SHEETS FOR DIMENSIONED DIFFUSER & EXPOSED DUCT LOCATIONS.




HVAC PLAN

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



FOR CONSTRUCTION



C. 2021 STARBUCKS COFFEE COMPANY

**STARBUCKS**<sup>®</sup>

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PROJECT NAME:  
**US 17-92 & LAKE MARY BLVD**

PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 23773**

STORE #:	81065
PROJECT #:	98504-001
ISSUE DATE:	08-03-2023
DESIGN MANAGER:	PAULINA LOPEZ
PRODUCTION DESIGNER:	ANDY MCLOUD
CHECKED BY:	DONALD RETHMAN

Revision Schedule		
Rev	Date	Description

SHEET TITLE:  
**MECHANICAL PLAN**

SCALE: AS INDICATED

SHEET NUMBER:  
**M101**



ROOFTOP AC UNIT SCHEDULE (EXISTING BY LANDLORD UNDER SEPARATE PERMIT)																		
UNIT NO.	SUPPLY CFM	O.A. CFM	TOTAL COOLING (TONS)	SENSIBLE COOLING (MBTUH)	ELEC HEAT, INPUT (KW)	ELEC HEAT, OUTPUT (MBTUH)	ENTERING AIR CONDITIONS			EXT. S.P., " W.C.	FAN HP	VOLT/PH	MCA	MOCP	E.E.R.	MANUF	MODEL NUMBER	REMARKS
							DB °F	WB °F	AMB									
RTU-1	5,000	205	12.5	113.1	13.5	46.1	77.5	64.1	95	0.8	3.0	208/3	64	90	12.1	TRANE	THD150G3	1,2,3,4,5,6,7,8,9,10

- NOTES:
- UNITS SHALL BE FURNISHED WITH MERV8 REPLACEABLE MEDIA FILTERS.
  - FIELD VERIFY FULL SIZE CONDENSATE DRAIN LINE TO ROOF GUTTER.
  - FIELD VERIFY SMOKE DETECTOR IN SUPPLY AIR DUCT DROP.
  - FIELD VERIFY MANUFACTURER'S STANDARD 14" HIGH FULL UNIT CURB TO MATCH ROOF SLOPE.
  - FIELD VERIFY UNITS SHALL HAVE ECONOMIZER WITH BAROMETRIC RELIEF AND DIFFERENTIAL ENTHALPY CONTROLS. ECONOMIZER CONTROLS SHALL HAVE FAULT DETECTION AND DIAGNOSTIC CAPABILITIES MATCHING REQUIREMENTS OF 2017 FBC-MECH C403.2.4.7.
  - PROVIDE VENSTAR SURVEYOR MODEL CT414 PROGRAMMABLE TWO STAGE THERMOSTAT WITH REMOTE TEMPERATURE SENSOR.
  - FIELD VERIFY INTEGRAL DISCONNECT SWITCH.
  - ROOFTOP UNIT SHALL BE TESTED AND OPERABLE AND HAVE A ONE (1) YEAR COMPLETE UNIT WARRANTY AND A FIVE (5) YEAR COMPRESSOR WARRANTY.
  - FIELD VERIFY HAIL GUARDS PROVIDED OVER CONDENSER COILS.
  - FIELD VERIFY PROVIDED SEA SALT SPRAY PROTECTION ON CONDENSER COILS.

### EXHAUST FAN SCHEDULE (EXISTING BY LANDLORD UNDER SEPARATE PERMIT)

UNIT NO.	TYPE	CFM	S.P.	EXT. S.P. W.C.	SONES	HP	VOLTS	PH.	FAN RPM	TIP SPEED	MANUFACTURER	MODEL	CONTROL	REMARKS
EF-1	ROOF	450	0.5	0.5	7.4	1/10	120	1	1550	-	GREENHECK	G-090-VG	-	1,2,3

- NOTES:
- FAN TO BE CONTROLLED BY LIGHTING CONTROL PANEL TO RUN CONTINUOUSLY IN OCCUPIED MODE. SEE E-502, DETAIL 6.
  - FAN TO BE PROVIDED WITH SPEED CONTROLLER AND BACKDRAFT DAMPER.
  - EXT. STATIC PRESSURE INCLUDES DUCTWORK , BACKDRAFT DAMPER, AND AIR DEVICES.

AIR DISTRIBUTION DEVICES						
TYPE	DESCRIPTION	VOLUME CONTROL	FINISH	TITUS MODEL NO. OR AS NOTED		QUANTITY
CD-1	CEILING SUPPLY DIFFUSER	YES	WHITE	MODEL TDC, LAY-IN, 24"x24", 4-WAY		8
CD-2	CEILING SUPPLY DIFFUSER	YES	WHITE	MODEL TDC, SURFACE, 24"x24", 4-WAY		3
CD-3	CEILING SUPPLY DIFFUSER	YES	WHITE	MODEL TDC, SURFACE, 12"x12", 4-WAY		1
RR-1	CEILING RETURN GRILLE	YES	WHITE	MODEL 350RL, LAY-IN, 24"x24"		2
RR-2	CEILING RETURN GRILLE	YES	WHITE	MODEL 350RL, SURFACE, 24"x24"		1
EG-1	CEILING EXHAUST GRILLE	YES	WHITE	MODEL 350RL, SURFACE, 10"x10"		2
EG-2	DUCT MOUNTED EXHAUST GRILLE	YES	WHITE	MODEL 350RL, SURFACE, 10"x10"		1

- NOTES:
- COORDINATE MOUNTING TYPES WITH ARCHITECTURAL CEILING AND WALL TYPES, AND SEE NECK SIZES ON PLANS.

VENTILATION SCHEDULE											
ROOM NAME	AREA, SQ. FT.	OCCUPANTS PER 1000 SQ. FT.	OCCUPANT LOAD	O.A. PER PERSON, CFM	OCCUPANT O.A., CFM	O.A., CFM PER SQ. FT.	AREA O.A., CFM	BASE O.A. REQUIRED (CFM)	VENT EFF.	TOTAL O.A. REQUIRED (CFM)	SERVED BY
BEV. PREP. (RETAIL SALES)	672	15	3	7.5	23	0.12	81	104	0.8	130	RTU-1
WORKROOM	210	10	2	5	10	0.12	25	35	0.8	44	RTU-1
PARTNER	145	5	1	-	5	0.06	9	14	0.8	18	RTU-1
OFFICE	80	5	1	-	5	0.06	5	10	0.8	13	RTU-1
			TOTAL = 50					TOTAL - 163		TOTAL - 205	
NOTES: 1. SET OUTSIDE AIR AS CALLED OUT ON THE RTU SCHEDULE. 2. OUTSIDE AIR BASED ON CODE OCCUPANCY LISTED ON SHEET G-0001 AND ON 3 PEOPLE IN BEV. PREP (RETAIL SALES) AREA TO MEET LEED REQUIRMENTS.											

### ENERGY MANAGEMENT SYSTEM (EMS) DEVICES

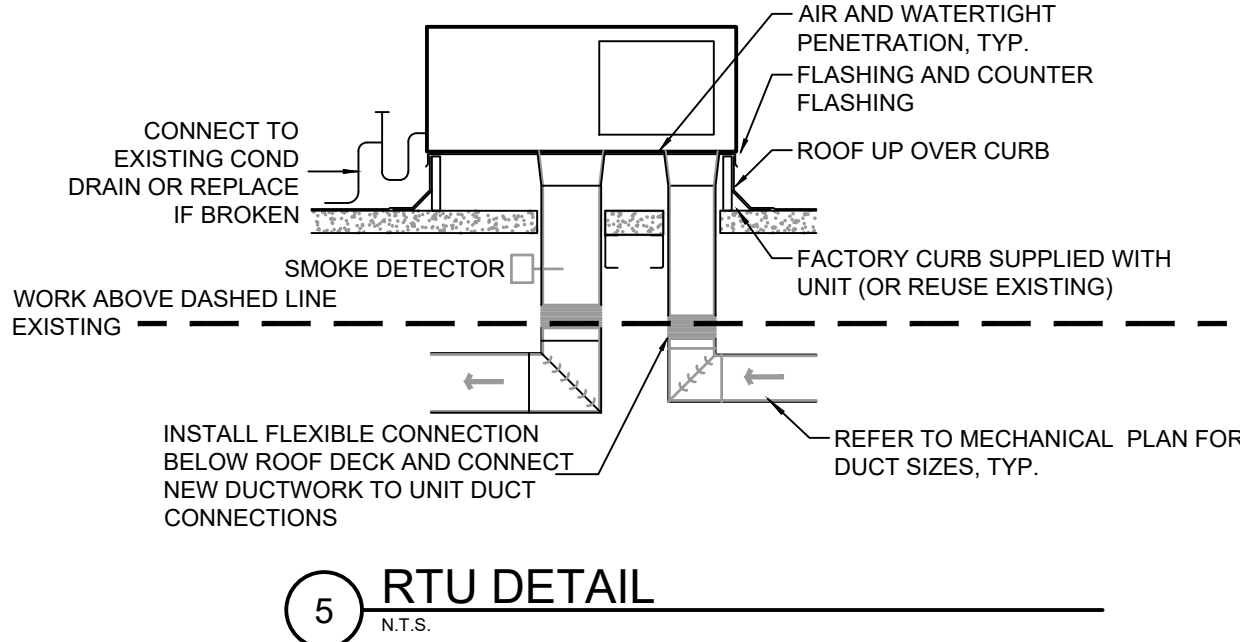
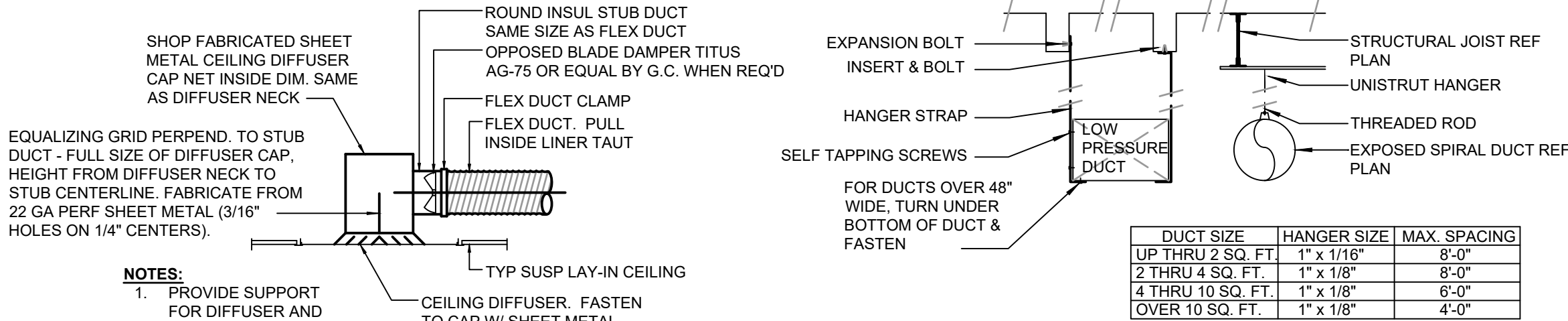
DESCRIPTION	RESPONSIBILITY	COMMENTS
VENSTAR DC400, DATA CONCENTRATOR	SB-GC	LOCATE AT MANAGER'S WORK STATION. LOCATION SHOWN ON SHEET E-501, DETAIL 2.
VENSTAR ECP400, EQUIPMENT CONTROL PACK	SB-GC	LOCATE AT EACH HVAC UNIT. LOCATION OF HVAC UNITS SHOWN ON SHEET M-101.
VENSTAR CT414, COMMUNICATING THERMOSTAT	SB-GC	LOCATE BY MANAGER'S WORK STATION AS SHOWN ON M-101 AND E-103. COORDINATE LOCATION WITH STARBUCKS' EQUIPMENT.
VENSTAR RS410, WALL MOUNT REMOTE TEMPERATURE SENSOR	SB-GC	LOCATE AS SHOWN ON M-101, ONE PER HVAC UNIT. COORDINATE LOCATION WITH STARBUCKS' ART, EQUIP.; PROJECT MANAGER.
VENSTAR RS420, OPTIONAL NARROW DROP DOWN SENSOR	SB-GC	OPTIONAL SENSOR FOR WORKROOM. USE AS LAST RESORT ONLY IF NO SPACE EXISTS FOR WALL MOUNT TEMPERATURE SENSOR.
VENSTAR OTS400, OUTDOOR TEMPERATURE SENSOR	SB-GC	LOCATE IN OUTSIDE AIR DUCT OF AHU-1.
VENSTAR SP400, SENSOR PAC	SB-GC	LOCATE COMPONENTS (AIRFLOW & TEMP SENSORS) PER SP400 SENSOR PAC INSTALLATION INSTRUCTIONS.

- NOTES:
- SURVEYOR EMERGY MANAGEMENT SYSTEM HARDWARE IS SUPPLIED BY STARBUCKS.
  - DRAWING FOR GENERAL INFORMATION, DESIGN INTENT, AND COORDINATION ONLY.

ELECTRICAL / MECHANICAL COORDINATION NOTES:

PROVIDE AND COORDINATE LINE VOLTAGE WIRING, LINE VOLTAGE CONTROL AND INTERLOCK WIRING FOR MECHANICAL SYSTEMS, AND LOW VOLTAGE CONTROL WIRING.

FURNISH WIRING DIAGRAMS TO THE ELECTRICIAN AS REQUIRED FOR PROPER EQUIPMENT HOOKUP. COORDINATE WITH THE ELECTRICIAN THE ACTUAL WIRE SIZING AMPS FOR MECHANICAL EQUIPMENT (FROM THE EQUIPMENT NAMEPLATE) TO ENSURE PROPER INSTALLATION.



REFERENCE SHELL PERMIT#BC22-000900 FOR EXISTING WORK BY LANDLORD

ICE MACHINE REMOTE CONDENSER SCHEDULE											
DID NO.	REFRIGERANT	DIMENSIONS			VOLT/PH	FLA	MOCP	WEIGHT LBS.	MANUFACTURER	MODEL NUMBER	REMARKS
		WIDTH	DEPTH	HEIGHT							
18846	R-404	30 7/8"	30 7/8"	37 1/8"	208/1	1.3	15	111	ICE-O-MATIC	RCA-2061	1, 2, 3

- NOTES:
- INSTALL ICE-O-MATIC RT-340-404 40' PRECHARGED TUBING KIT. FIELD VERIFY REQUIRED TUBING LENGTH PRIOR TO INSTALLATION.
  - INSTALL ICE-O-MATIC GRILL20 GRILL GUARD KIT.
  - SECURE UNIT TO EXISTING SUPPORTS WITH CODE-APPROVED CABLING OR STRAPS.



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Revision Schedule		
Rev	Date	Description

SHEET TITLE:  
**MECHANICAL SCHEDULES**

SCALE: AS INDICATED

SHEET NUMBER:  
**M601**





















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ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR TO CENTERLINE OF DEVICE UNO.
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
FLR	FLOOR
FT	FOOT/FEET
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HR	HOOR
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
OC	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
UNO	UNLESS NOTED OTHERWISE
USB	20A DUPLEX RECEPTACLE WITH USB CHARGING PORT (SEE SPECIFICATION ON THIS SHEET)
WH	WATER HEATER
WP	WEATHER PROOF

ELECTRICAL SYMBOL LEGEND

	JUNCTION BOX		RECEPTACLE: DUPLEX
	SWITCH		RECEPTACLE: DUPLEX - ONE SWITCHED
	THREE-WAY SWITCH		RECEPTACLE: QUADPLEX
	MOTION (OCCUPANCY) SENSOR SWITCH		DATA OUTLET
	SWITCHBACK		RECEPTACLE: FLOOR DUPLEX
	TELEPHONE		GROUNDING ELECTRODE CONNECTION
	THERMOSTAT (EMS)		NIGHTLIGHTING 24HR/DAY
	THERMOSTAT SENSOR (EMS)		PHOTOELECTRIC CELL (EMS)
	DIMMER SWITCH		SPEAKER
	SPECIAL RECEPTACLE: SEE NOTE/SCHEDULE FOR DETAILS		
	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. DOT DENOTES GROUND.		

RECEPTACLE WITH USB CHARGING PORT

PROVIDE UL FEDERAL SPECIFICATION CERTIFIED TAMPER-RESISTANT DUPLEX RECEPTACLE WITH USB CHARGING CAPABILITIES. FEATURES SHALL INCLUDE OVERALL 3.1A USB CHARGING CAPABILITY, AUTO GROUND CLIPS, ZINC-PLATED GROUND TERMINAL SCREW AND TRIPLE-WIPE BRASS CONTACTS.  
PASS & SEYMOUR #TR5362USB\* OR EQUAL  
\* - FINISH COLOR SHALL BE AS SPECIFIED ON ARCHITECTURAL DRAWINGS OR AS DIRECTED BY OWNER'S REPRESENTATIVE.

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, IF IN VENDOR SCOPE. VENDOR TO PROVIDE AND INSTALL DEVICE(S) IN BOH AND FOH (AS APPLICABLE PER STARBUCKS STANDARDS).

ENERGY MANAGEMENT SYSTEM (EMS)

THE GENERAL CONTRACTOR SHALL INSTALL SURVEYOR EMS, PRIOR TO LAST WEEK OF CONSTRUCTION, IF NEEDED, FURNISH AND INSTALL TEMPORARY THERMOSTATS AND SENSORS, AND ROUTE ALL LOW VOLTAGE WIRING THROUGH EC PROVIDED CONDUITS (COORDINATE WITH ELECTRICAL).

FURNISH AND INSTALL RACEWAYS WITH PULL STRINGS AND JUNCTION BOXES FOR THERMOSTAT(S) AND SENSOR(S).

THE GENERAL CONTRACTOR IS TO COMPLETE FINAL CONNECTION AFTER DATA RACK AND NETWORK INSTALLATION. THE GENERAL CONTRACTOR IS TO CONTACT LCP VENDOR TO VERIFY SYSTEM OPERATION AND TROUBLESHOOT IF REQUIRED.

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.

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.

WIRELESS NETWORK NOTES

CABLING FOR INTERNET SERVICE SHALL BE FURNISHED AND INSTALLED BY THE VENDOR FOR FIBER OR BROADBAND CONNECTIONS. T1 AND ETHERNET EXTENSION CABLING IS PROVIDED BY THE STARBUCKS (TELEPHONE/ NETWORK) CABLING VENDOR. COORDINATE WITH STARBUCKS.

MUSIC SYSTEM NOTES

MOUNT OWNER FURNISHED SPEAKERS WHERE SHOWN ON INTERIOR REFLECTED CEILING PLANS AND IN COORDINATION WITH ALL PLANS, DETAILS AND MANUFACTURER'S INSTALLATION REQUIREMENTS. INSTALL AND CONNECT OWNER FURNISHED WIRING SYSTEM BETWEEN ALL SPEAKERS AND THE OWNER PROVIDED MUSIC SYSTEM. SET WATTAGE TAP ON EACH SPEAKER'S ROTARY SWITCH PER TAP SETTINGS NOTED ON PLANS.

GENERAL ELECTRICAL NOTES

- THE ELECTRICAL CONTRACTOR SHALL COORDINATE ELECTRICAL WORK WITH OTHER TRADES. THE ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. DO NOT SCALE DISTANCES OFF THE ELECTRICAL DRAWINGS; USE ACTUAL BUILDING DIMENSIONS. OVERALL CASEWORK COMPONENT DIMENSIONING ON ELECTRICAL DETAILS ARE SHOWN FOR REFERENCE AND COORDINATION ONLY. SEE PROJECT MANUAL.
- ALL ELECTRICAL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION. BALANCE ALL BRANCH CIRCUIT LOADS BETWEEN THE PHASES OF THE SYSTEM WITHIN 10% OF THE HIGHEST PHASE LOAD IN EACH PANEL BOARD.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DE-ENERGIZING CIRCUITS IN DEMOLITION AREAS TO INSURE A SAFE CONDITION. ELECTRICAL DEVICES AND ASSOCIATED WIRING LOCATED WITHIN THE DEMOLITION AREA THAT WILL NO LONGER BE USED SHALL BE REMOVED AND PROPERLY DISPOSED OF AT CONTRACTORS EXPENSE UNLESS OTHERWISE NOTED.
- THE ELECTRICAL CONTRACTOR SHALL SCHEDULE ALL ELECTRICAL SYSTEM OUTAGES WITH THE GENERAL CONTRACTOR AND LANDLORD AT LEAST 24 HOURS IN ADVANCE. UNLESS APPROVED OTHERWISE ALL OUTAGES SHALL OCCUR BETWEEN 11:00PM AND 5:00AM.
- ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY CONDUIT AND J-BOXES TO SUPPORT A COMPLETE SECURITY, PHONE, POS AND DATA SYSTEMS. SEE MANAGER WORKSTATION AND BAR POINT OF SALE (POS) POWER/TELECOM/SECURITY DIAGRAM. COORDINATE ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH SECURITY VENDOR PRIOR TO ROUGH-IN. PROVIDE END-TO-END PULL STRINGS IN ALL CONDUITS. LABEL EACH END OF THE PULL STRING WITH CONDUIT SYSTEM ("SECURITY") AND DESTINATION ("CAFE", "FRONT BAR", ETC.). PROVIDE INSULATED BUSHINGS ON ALL STUBBED-UP AND EXPOSED CONDUIT ENDS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF WORK.
- EXPOSED/SURFACE MOUNTED CONDUITS SHALL ONLY BE ALLOWED WHERE NECESSARY IN EXPOSED CEILING AREAS. IF CONDUITS NEED TO BE SURFACE MOUNTED TO WALLS, COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER FOR APPROVAL.
- VERIFY LOCATION OF ALL OUTLETS AND SWITCHES WITH ARCHITECTURAL DRAWINGS, INTERIOR DETAILS, FINISH SCHEDULES, GENERAL CONTRACTOR, EQUIPMENT VENDORS, STARBUCKS AND EXISTING SITE CONDITIONS. VERIFY FINAL DOOR HINGE LOCATION PRIOR TO SWITCH INSTALLATION AND ADJUST SWITCH LOCATION IF NEEDED. DO NOT MOUNT RECEPTACLES/SWITCHES IN LOCATIONS THAT WOULD CONFLICT WITH MIRRORS, SEAMS OF WALLS, WAINSCOTS, TILE TRANSITIONS, ETC...

GENERAL NOTES

**SCOPE**  
THE INTENT OF THE DRAWINGS AND PROJECT MANUAL IS TO PROVIDE A COMPLETE AND FULLY OPERATIONAL ELECTRICAL SYSTEM. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THE ELECTRICAL WORK.

**SITE EXAMINATION**  
THE ELECTRICAL CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE EQUIPMENT, CONDUIT, AND WIRING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT, IN HIS OPINION, PREVENTS THE PROPER INSTALLATION OF THE ELECTRICAL WORK.

**STANDARDS**  
EQUIPMENT AND MATERIALS SHALL CONFORM WITH APPROPRIATE PROVISIONS OF CSA, ULC, NEC, ASTM, UL, ETL, NEMA, ANSI, AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

**CODES**  
ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE PROVINCIAL AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS AND THE CODES, THE HIGHEST STANDARD SHALL APPLY. ELECTRICAL CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO STARBUCKS.

**PERMITS AND FEES**  
THE ELECTRICAL CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS NECESSARY TO COMPLETE THE ELECTRICAL WORK.

**WARRANTY**  
THE ELECTRICAL CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY STARBUCKS AND WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE AND RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE MATERIALS AND WORKMANSHIP.

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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FOR CONSTRUCTION

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US 17-92 & LAKE MARY  
BLVD

PROJECT ADDRESS:  
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SANFORD, FL 32773

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DESIGN MANAGER:	PAULINA LOPEZ
PRODUCTION DESIGNER:	ANDY M'CLOUD
CHECKED BY:	DONALD RETHMAN

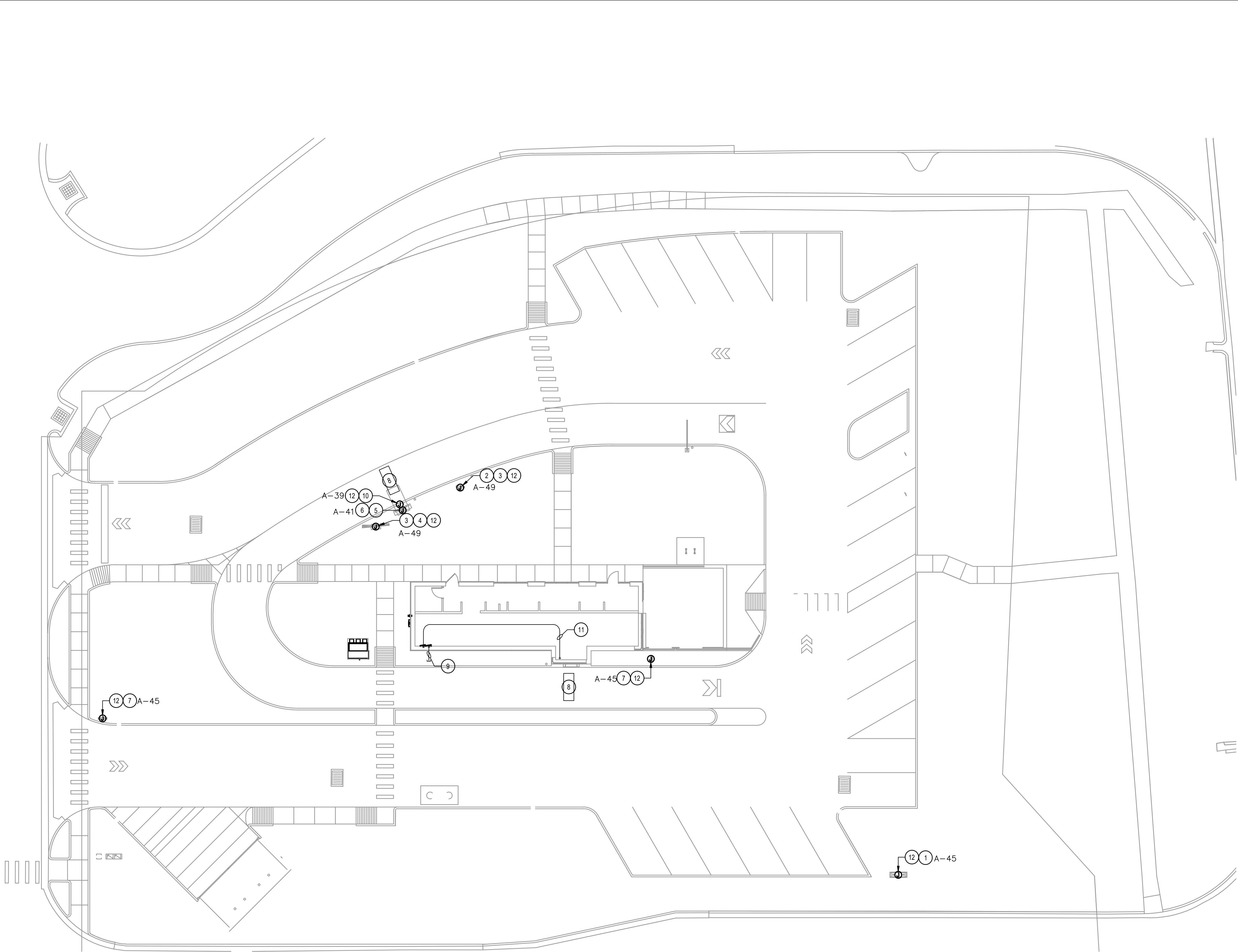
Revision Schedule		
Rev	Date	Description

SHEET TITLE:  
**ELECTRICAL NOTES**

SCALE: AS INDICATED

SHEET NUMBER:  
**E-001**





1 ELECTRICAL SITE PLAN  
SCALE: 1"=10'-0"

KEY NOTES: (NOT ALL NECESSARILY USED AT THIS LOCATION)

- 1 PROVIDE POWER IN EXISTING (1) 1" PVC CONDUIT TO STARBUCKS MONUMENT SIGNAGE. PROVIDE A WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- 2 PROVIDE POWER IN EXISTING (1) 1" PVC CONDUIT TO PRE-MENU SIGN. PROVIDE WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- 3 EXISTING (1) 1" PVC CONDUIT FOR FUTURE USE TO MENU SIGN AND TO PRE-MENU SIGN.
- 4 PROVIDE POWER IN EXISTING (1) 1" PVC CONDUIT TO MENU SIGN. PROVIDE WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- 5 PROVIDE DATA IN EXISTING (2) 1" PVC CONDUITS FROM OCS/SPEAKER POST (AKA DOS/DCB) TO DRIVE-THRU WINDOW - SEE LOW-VOLTAGE CABLE NOTES.
- 6 PROVIDE POWER IN EXISTING (1) 1" PVC CONDUIT FROM OCS/SPEAKER POST (AKA DOS/DCB) TO ELECTRICAL PANEL. PROVIDE WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- 7 PROVIDE POWER IN EXISTING (1) 1" PVC CONDUIT TO STARBUCKS DIRECTIONAL SIGNAGE. NOTE THAT UP TO THREE DIRECTIONAL SIGNS CAN BE SERVED BY A SINGLE CIRCUIT. ADDITIONAL SIGNS REQUIRE A NEW DEDICATED CIRCUIT AND CONDUIT. PROVIDE A WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- 8 EXISTING (1) 3/4" PVC CONDUIT FOR EACH OF TWO TENANT-FURNISHED DETECTOR LOOP SETS IN COORDINATION WITH TENANT CONSTRUCTION MANAGER.
- 9 EXISTING (1) SPARE 1" PVC CONDUIT THRU FOUNDATION WALL OUT REAR OF BUILDING, CAPPED AND TERMINATED ABOVE CEILING. VERIFY LOCATION OF STUB UP WITH TENANT'S REPRESENTATIVE.
- 10 PROVIDE POWER IN (1) 1" PVC CONDUIT TO CANOPY UPLIGHT FROM ELECTRICAL PANEL.
- 11 PROVIDE (1) 1-1/2" CONDUIT FROM DATA RACK AT MANAGER WORKSTATION TO DRIVE-THRU BUMP.
- 12 CIRCUIT SERVING THIS DEVICE SHALL BE AUTOMATICALLY CONTROLLED. FURNISH AND INSTALL ALL CONDUIT, WIRE, CONNECTIONS, AND CONTACTORS NECESSARY TO ENSURE A FUNCTIONAL SYSTEM (SEE LIGHTING CONTROL DIAGRAM ON E-6001).
- 13 PROVIDE POWER IN EXISTING (2) 1" PVC CONDUIT TO PATIO AREA FROM ELECTRICAL PANEL.

ELECTRICAL SITE PLAN NOTES

- A. VERIFY FULL SCOPE OF WORK WITH LANDLORD WORK LETTER PRIOR TO BID. NO EXTRAS OR CHANGE ORDERS SHALL BE GIVEN FOR THE GC'S FAILURE TO FULLY UNDERSTAND THE SCOPE.
- B. COORDINATE ALL CONDUIT ROUTING WITH ARCHITECTURAL AND CIVIL PLANS, AND OTHER TRADES.
- C. SIGN LOCATIONS ON THIS PLAN ARE FOR REFERENCE ONLY. ACTUAL LOCATIONS SHALL BE DETERMINED FROM THE ARCHITECTURAL AND CIVIL PLANS, AND THE CONSTRUCTION MANAGER.
- D. REFER TO POWER PLAN FOR PANELBOARD LOCATIONS.
- E. FOR ALL SIGN / MENU LOCATIONS, VERIFY ALL ELECTRICAL REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN. PROVIDE CONDUCTORS AND OVERCURRENT PROTECTION FOR A COMPLETE INSTALLATION.

FOR CONSTRUCTION



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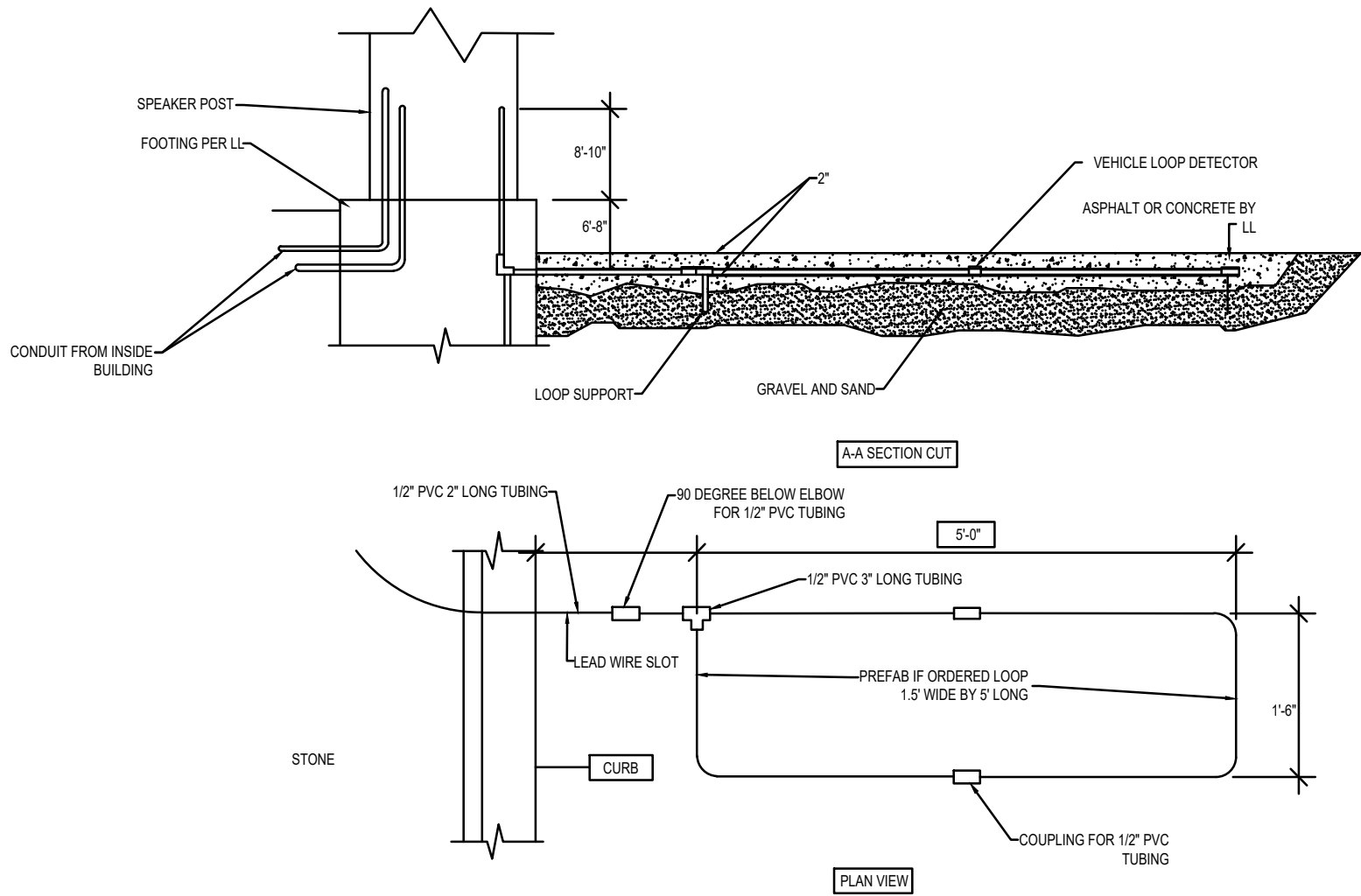
Revision Schedule		
Rev	Date	Description

SHEET TITLE:  
**ELECTRICAL SITE PLAN**

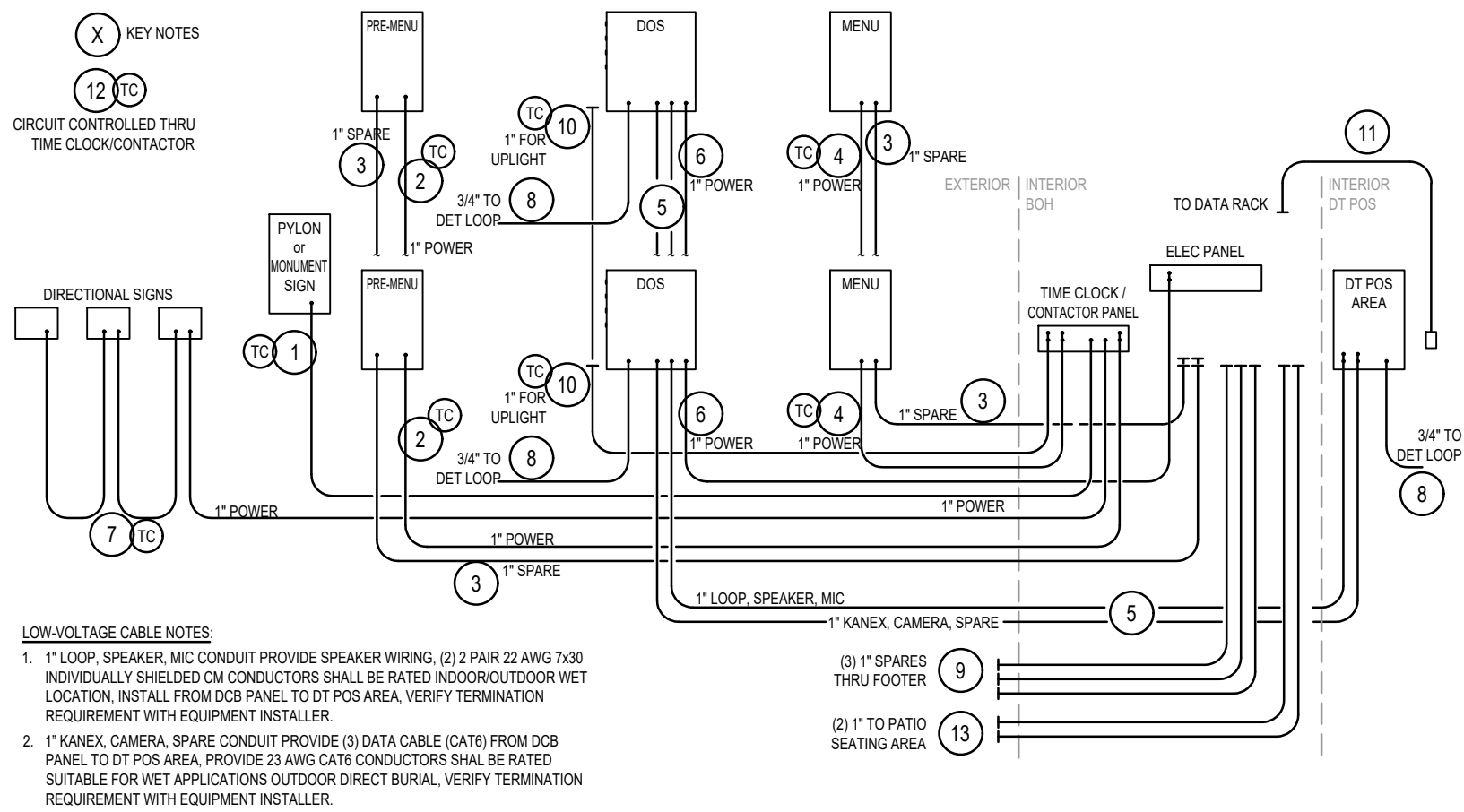
SCALE: AS INDICATED

SHEET NUMBER:  
**E-004**





2 DT SENSOR LOOP DETAIL  
SCALE: NTS



1 DTE CONDUIT SCHEMATIC  
SCALE: NTS

#### KEY NOTES: (NOT ALL NECESSARILY USED AT THIS LOCATION)

- (1) 1" PVC CONDUIT FOR POWER CONNECTION TO STARBUCKS MONUMENT SIGNAGE. PROVIDE A WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- (1) 1" PVC CONDUIT FOR POWER CONNECTION TO PRE-MENU SIGN AND (1) 1" PVC CONDUIT WITH PULL STRING CONTINUOUS TO TELEPHONE BOARD FOR DATA CONNECTION. PROVIDE WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- (1) 1" PVC CONDUIT FOR FUTURE USE TO MENU SIGN AND TO PRE-MENU SIGN.
- (1) 1" PVC CONDUIT FOR POWER CONNECTION TO MENU SIGN AND (1) 1" PVC CONDUIT WITH PULL STRING CONTINUOUS TO TELEPHONE BOARD FOR DATA CONNECTION. PROVIDE WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- (2) 1" PVC CONDUITS FROM OCS/SPEAKER POST (AKA DOS/DCB) TO DRIVE-THRU WINDOW - SEE LOW-VOLTAGE CABLE NOTES.
- PROVIDE (1) 1" PVC CONDUIT FROM OCS/SPEAKER POST (AKA DOS/DCB) TO ELECTRICAL PANEL. PROVIDE WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- (1) 1" PVC CONDUIT FOR POWER CONNECTION TO STARBUCKS DIRECTIONAL SIGNAGE. NOTE THAT UP TO THREE DIRECTIONAL SIGNS CAN BE SERVED BY A SINGLE CIRCUIT. ADDITIONAL SIGNS REQUIRE A NEW DEDICATED CIRCUIT AND CONDUIT. PROVIDE A WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- (1) 3/4" PVC CONDUIT FOR EACH OF TWO TENANT-FURNISHED DETECTOR LOOP SETS IN COORDINATION WITH TENANT CONSTRUCTION MANAGER.
- (1) SPARE 1" PVC CONDUIT THRU FOUNDATION WALL OUT REAR OF BUILDING, CAPPED AND TERMINATED ABOVE CEILING. VERIFY LOCATION OF STUB UP WITH TENANT'S REPRESENTATIVE.
- (1) 1" PVC CONDUIT TO CANOPY UPLIGHT FROM ELECTRICAL PANEL.
- (1) 1-1/2" CONDUIT FROM DATA RACK AT MANAGER WORKSTATION TO DRIVE-THRU BUMP.
- CIRCUIT SERVING THIS DEVICE SHALL BE AUTOMATICALLY CONTROLLED. (SEE LIGHTING CONTROL DIAGRAM ON E-601).
- (2) 1" PVC CONDUIT TO PATIO AREA FROM ELECTRICAL PANEL.

#### ELECTRICAL SITE PLAN NOTES

- VERIFY FULL SCOPE OF WORK WITH LANDLORD WORK LETTER PRIOR TO BID. NO EXTRAS OR CHANGE ORDERS SHALL BE GIVEN FOR THE GC'S FAILURE TO FULLY UNDERSTAND THE SCOPE.
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- REFER TO POWER PLAN FOR PANELBOARD LOCATIONS.
- FOR ALL SIGN / MENU LOCATIONS, VERIFY ALL ELECTRICAL REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN. PROVIDE CONDUCTORS AND OVERCURRENT PROTECTION FOR A COMPLETE INSTALLATION.



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Revision Schedule		
Rev	Date	Description

SHEET TITLE:  
**ELECTRICAL SITE  
DETAILS**  
SCALE: AS INDICATED

SHEET NUMBER:  
**E-004.1**



ELECTRICAL DESIGN PLAN NOTES

- A. REFER TO ELECTRICAL DETAIL SHEETS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL DEVICES.
- B. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL VOLTAGE REQUIREMENTS ON ALL EQUIPMENT AND PROVIDING BUCK-BOOST TRANSFORMERS AS MAY BE NEEDED FOR CODE. ALL ARE NOT NECESSARILY INDICATED.
- C. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING AND HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) CONTRACTORS FOR ANY ADDITIONAL EQUIPMENT NEEDING POWER.
- D. ALL FUTURE EQUIPMENT NEEDED HEREIN SHALL BE PROVIDED WITH AN APPROPRIATE RECEPTACLE AND FULLY WIRED. EVEN IF NOT SPECIFICALLY INDICATED.
- E. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (NOT RECEPTACLES) SHALL BE UTILIZED WHERE REQUIRED BY CODE AND AT ANY FLOOR BOXES. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL THESE CIRCUITS.
- F. EQUIPMENT REQUIRES CONNECTION TO THE BUILDING ELECTRICAL SYSTEM. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE, CONNECTIONS, RECEPTACLES AND OVERCURRENT PROTECTION NECESSARY TO ENSURE THE EQUIPMENT FUNCTIONS PROPERLY AND COMPLIES WITH ALL APPLICABLE LOCAL AND NATIONAL CODES. COORDINATE EQUIPMENT REQUIREMENTS WITH MANUFACTURER CUT SHEET PRIOR TO ROUGH-IN.
- G. ALL BACK BAR AND FRONT BAR J-BOXES AND OUTLETS SHALL BE SURFACE MOUNTED. PROVIDE CONDUITS AS NEEDED AND ONE (1) ADDITIONAL SPARE CONDUIT BETWEEN ALL J-BOXES FOR FUTURE ELECTRICAL REQUIREMENTS. ALL J-BOXES SHALL BE POSITIONED TO AVOID OBSTRUCTION OF ANY EQUIPMENT SUCH AS REFRIGERATORS AND DISHWASHERS.
- H. REFERENCE LANDLORD WORK LETTER FOR DIVISION OF ELECTRICAL SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.

DEVICE SCHEDULE

DEVICE ID	DESCRIPTION	NEMA	VOLTS	NOTES	QUANTITY
10075	CUP LABELER	5-15	120V 1P 2W	PROVIDE RECEPTACLE BELOW COUNTER	3
10075Q	CUP LABELER	5-15	120V 1P 2W	PROVIDE RECEPTACLE BELOW COUNTER	1
10267	1-DOOR UC REFRIGERATOR	5-15	120V 1P 2W	PROVIDE RECEPTACLE @ 26" AFF	7
10312	SERVER STAND	5-15	120V 1P 2W	PROVIDE (1) QUADRAPLEX RECEPTACLE BELOW COUNTER FOR EVERY (4) SERVER STANDS (MAX)	1
10746	DUAL BREWER	14-50	208/120V 2P 3W	SEE DRAWING NOTE	1
10874	INSTA-HOT	5-20	120V 1P 2W	PROVIDE RECEPTACLE 26" AFF ON DEDICATED GFCI PROTECTED CIRCUIT.	1
11083	2-DOOR R-I REFRIGERATOR	5-15	120V 1P 2W	PROVIDE RECEPTACLE ON DEDICATED CIRCUIT @ 84" AFF	2
12508	BLENDER	5-15	120V 1P 2W	PROVIDE A DUPLEX FOR EACH BLENDER ON DEDICATED CIRCUIT. MOUNT DUPLEX UNDER COUNTER.	2
12618	1-DOOR UC REFRIGERATOR	5-15	120V 1P 2W	RECEPTACLE @ 26" AFF	1
13682	2-DOOR R-I FREEZER	5-20	120V 1P 2W	PROVIDE RECEPTACLE ON DEDICATED CIRCUIT @ 84" AFF	2
15186	SANITIZER	14-50R	208/120V 2P 3W		1
15749	INSTA-HOT	5-20	120V 1P 2W	PROVIDE QUAD RECEPTACLE 26" AFF ON DEDICATED GFCI PROTECTED CIRCUIT FOR INSTA-HOT AND U.C. REFRIGERATOR	3
16623	DIGITAL SCALE & GRINDER	5-15	120V 1P 2W	PROVIDE RECEPTACLE BELOW COUNTER	1

DEVICE SCHEDULE

DEVICE ID	DESCRIPTION	NEMA	VOLTS	NOTES	QUANTITY
18846	ICE MACHINE		208V 2P 2W	CONFIRM VOLTAGE CONFIGURATION PRIOR TO ROUGH IN. CONFIRM NEMA CONFIGURATION OF RECEPTACLE OR INSTALL J-BOX AS REQUIRED. CONDENSER UNIT WIRING RUN FROM TERMINAL BLOCK IN INDOOR UNIT TO CONDENSER IF APPLICABLE.	1
19742	ESPRESSO MACHINE	6-50	208/120V 2P 3W	VERIFY FINAL CONNECTION REQUIREMENTS WITH EQUIPMENT MFGR	3
20010	1-DOOR UC REFRIGERATOR	5-15	120V 1P 2W	PROVIDE RECEPTACLE @ 26" AFF	1
20032	TURBOCHEF OVEN	6-30	208/120V 2P 3W	SEE DRAWING NOTE.	2
21679	NITROGEN GENERATOR	5-15	120V 1P 2W	PROVIDE 120V RECEPTACLE	1
X4001	SURFACE MTD HAND DRYER		120V 1P 2W	COORDINATE EXACT VOLTAGE/WIRING REQUIREMENTS WITH VENDOR AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.	1

GROUND FAULT PROTECTION NOTES:

PROVIDE GFCI PROTECTION AS REQUIRED BY NEC 210.8.

CIRCUITS REQUIRING GFCI PROTECTION IDENTIFIED WITH \* ON PANEL SCHEDULES (SEE E-601).

ABOVE-COUNTER RECEPTACLES THAT ARE READILY ACCESSIBLE AND WITHIN REACH OF PARTNERS SHALL BE GFCI TYPE.

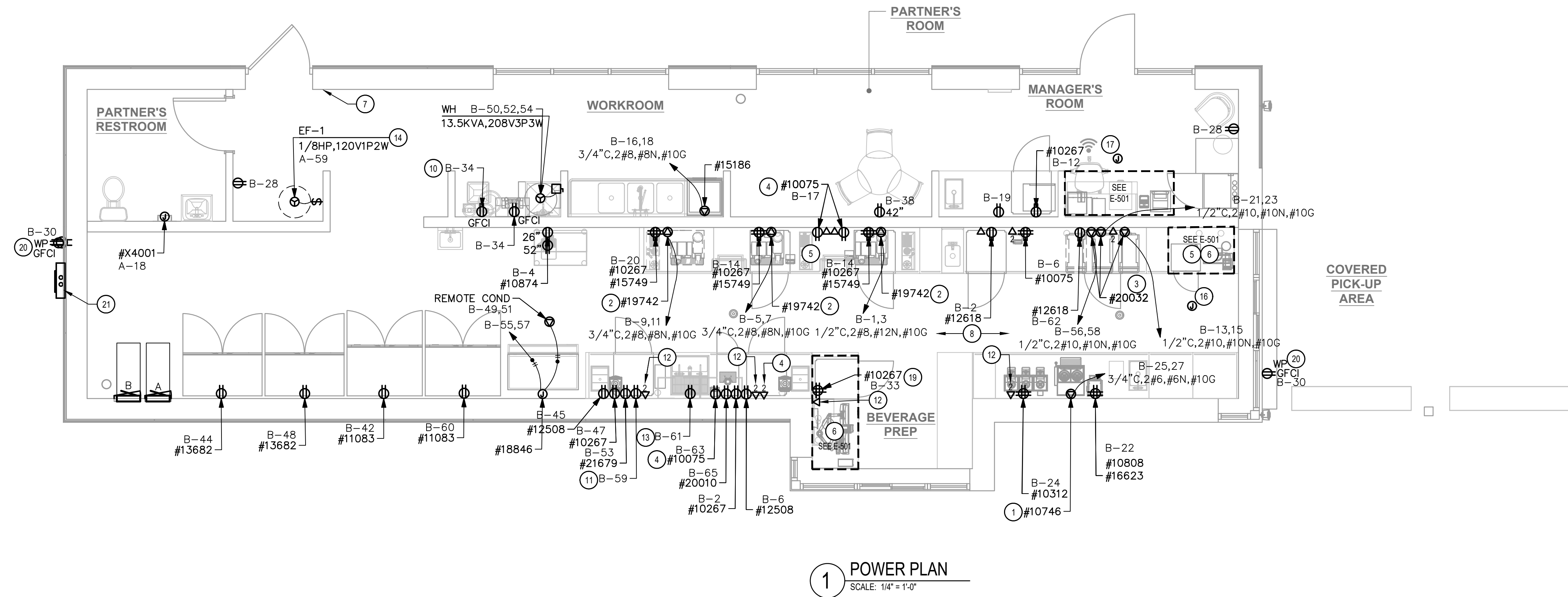
BELOW-COUNTER RECEPTACLES, OR RECEPTACLES THAT ARE DIFFICULT TO REACH OR REQUIRE MOVING EQUIPMENT TO RESET, AND ARE NOT READILY ACCESSIBLE SHALL BE PROTECTED BY GFI CIRCUIT BREAKERS.

WHERE THE AVAILABLE SHORT CIRCUIT CURRENT EXCEEDS 22,000 AMPS AT THE PANELBOARD, CONTACT CIRCUIT BREAKER MANUFACTURER AND PROVIDE GFCI TYPE CIRCUIT BREAKER THAT SERIES RATES WITH PANEL OVER CURRENT PROTECTION IF AVAILABLE.

WHERE THE AVAILABLE SHORT CIRCUIT CURRENT EXCEEDS 22,000 AMPS AT THE PANELBOARD, AND GFCI BREAKERS ARE NOT AVAILABLE, PROVIDE DEAD-FRONT GFCIS (IN A READILY ACCESSIBLE LOCATION) TO SERVE RECEPTACLES THAT ARE NOT READILY ACCESSIBLE.

KEY NOTES

- DUAL BREWER: PROVIDE NEMA 14-50R RECEPTACLE, HUBBELL HBL9450A SERIES OR EQUAL MOUNTED AT 48" AFF AND INSTALL NECESSARY CONDUIT, WIRE AND CONNECTIONS BACK TO SERVING PANEL. PROVIDE NEMA 14-50P ANGLED PLUG AND CORD, HUBBELL HBL9452C SERIES OR EQUAL.
- ESPRESSO MACHINE: PROVIDE NEMA 6-50R RECEPTACLE, HUBBELL9367 SERIES OR EQUAL MOUNTED AT 30" AFF AND INSTALL NECESSARY CONDUIT, WIRE AND CONNECTIONS BACK TO SERVING PANEL. PROVIDE NEMA 6-50P ANGLED PLUG, HUBBELL HBL9368 SERIES OR EQUAL.
- WARMING OVEN: PROVIDE NEMA 6-30R RECEPTACLE MOUNTED AT 26" AFF AND INSTALL NECESSARY CONDUIT, WIRE AND CONNECTIONS BACK TO SERVING PANEL.
- CUP LABELER OR MOBILE ORDER PRINTER: PROVIDE RECEPTACLE AND BACKBOX FOR DATA OUTLET MOUNTED AT 26" AFF. ROUTE 3/4" CONDUIT FROM BACKBOX TO DATA RACK NEAR MANAGER'S WORK STATION. LABEL CONDUIT FOR DATA CABLING AND PROVIDE PULL STRING FROM END TO END.
- FLOOR POWER/DATE: SEE PENETRATION PLAN FOR EXACT DIMENSIONING OR LOCATION.
- POS: FURNISH AND INSTALL DOUBLE-DUPLEX MOUNTED AT 18" AFF PROVIDE DEDICATED GROUND WIRE BACK TO SERVING PANEL. INSTALL (1) J-BOX FOR DATA OUTLET AND (1) J-BOX FOR PHONE OUTLET MOUNTED AT 18" AFF. SEE DETAILS ON E-501.
- ALARM KEYPAD AND EMERGENCY CALL PHONE: MOUNT AT 54" AFF. ROUTE CONDUIT IN WALL FROM J-BOX AND STUB ABOVE CEILING.
- ALL BACK BAR AND FRONT BAR J-BOXES AND OUTLETS SHALL BE SURFACE MOUNTED. PROVIDE CONDUITS AS NEEDED AND (1) ADDITIONAL SPARE CONDUIT BETWEEN ALL J-BOXES FOR FUTURE ELECTRICAL REQUIREMENTS. ALL J-BOXES SHALL BE POSITIONED TO AVOID OBSTRUCTION OF ANY EQUIPMENT SUCH AS REFRIGERATORS AND DISHWASHERS.
- PROVIDE "SHOW WINDOW" RECEPTACLE FLUSH MOUNTED IN CEILING WITHIN 18" OF TOP OF WINDOW, 1 PER 12 LF OF WINDOW OR MAJOR FRACTION THEREOF (NEC 210.62).
- WATER FILTER SYSTEM: PROVIDE GFCI RECEPTACLE MOUNTED AT 78" AFF IF APPLICABLE.
- RECEPTACLE FOR FUTURE USE. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH OWNER'S REPRESENTATIVE.
- DATA OUTLET FOR FUTURE USE: PROVIDE BACKBOX FOR DATA OUTLET MOUNTED AT 26" AFF. ROUTE 3/4" CONDUIT FROM BACKBOX TO DATA RACK NEAR MANAGER'S WORK STATION. LABEL CONDUIT FOR DATA CABLING AND PROVIDE PULL STRING FROM END TO END.
- PROVIDE RECEPTACLE FOR RINSE SINK MOUNTED AT 26" AFF. COORDINATE EXACT LOCATION WITH OWNER'S REPRESENTATIVE.
- EXHAUST FAN: SHALL BE CONNECTED TO EMS/LIGHTING CONTROL PANEL; FAN TO RUN CONTINUOUSLY DURING OCCUPIED MODE (SEE DETAIL 5 ON E-502). CONFIRM EXACT LOCATION WITH THE MECHANICAL CONTRACTOR.
- COORDINATE EXACT LOCATION AND MOUNTING HEIGHT(S) OF ALL CONVENIENCE RECEPTACLES WITH OWNER'S REPRESENTATIVE.
- PROVIDE 4-SQUARE J-BOX FOR FRONT OF HOUSE STROBE LOCATION; SEE DETAIL ON E-501.
- PROVIDE 4-SQUARE J-BOX FOR BACK OF HOUSE STROBE LOCATION; FIELD
- PROVIDE DUPLEX, GFCI TYPE RECEPTACLE FOR RECIRC PUMP. COORDINATE EXACT LOCATION WITH OWNER'S REPRESENTATIVE.
- PROVIDE DOUBLE DUPLEX RECEPTACLE FOR UNDER COUNTER REFRIGERATOR AND FUTURE USE; SEE DETAIL ON E-501.
- SEE SHEET E-102 FOR SWITCHING DESIGNATIONS.
- LOCATION OF EXISTING SERVICE ENTRANCE(DISCONNECT AND METERING).



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Revision Schedule		
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SHEET TITLE:  
**ELECTRICAL DESIGN PLAN**  
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**E-101**

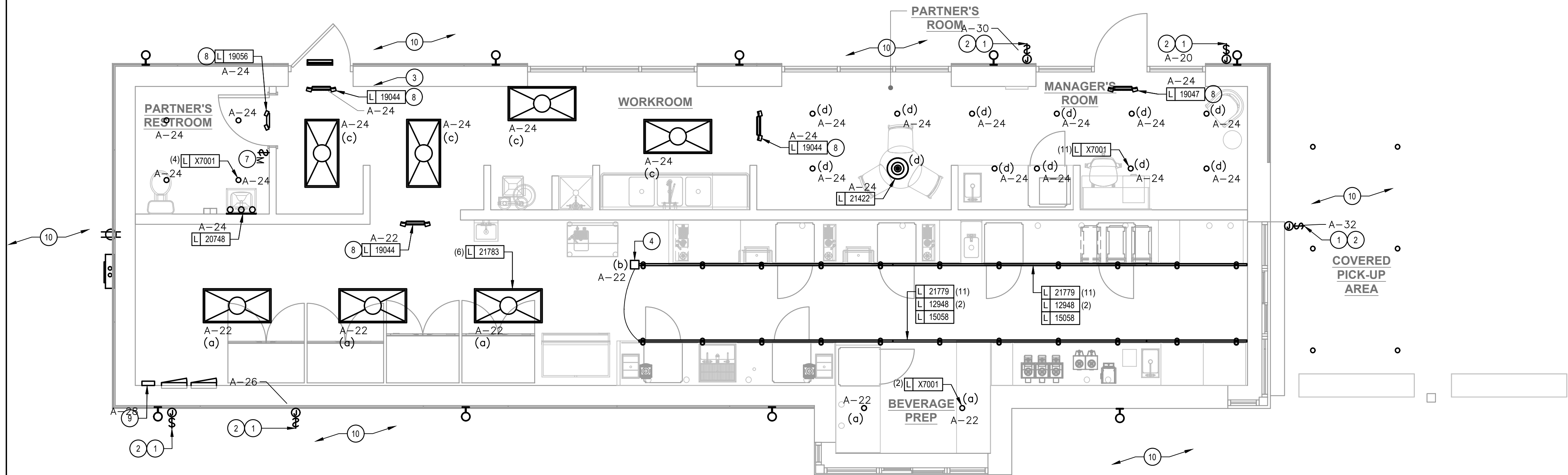


LIGHTING FIXTURE SCHEDULE 'L'

DESIGN ID	QUANTITY	DESCRIPTION	RESP.	MODEL	LAMP	MAX WATTS	DESIGN ID	QUANTITY	DESCRIPTION	RESP.	MODEL	LAMP	MAX WATTS
12948	4	TRACK – WITH CONNECTORS – 16FT – BLACK	GC-SB	TRACK: (4) JUNO R4BL END FEED CONN: (1) JUNO R38BL MINI CONNECTOR: (3) JUNO R23BL ADJUSTABLE CONN: (1) JUNO R20BL		0	19044	3	LED EXIT SIGN WITH EMERGENCY LIGHT – WHITE AND RED	GC-SB	NAVILITE #NXPCL3RWH	INTEGRAL LED	5
							19047	1	LED EXIT SIGN WITH EMERGENCY LIGHT – BLACK AND GREEN	GC-SB	NAVILITE #NXPCL3GBL	INTEGRAL LED	5
15058	2	TRACK – WITH CONNECTORS – 6FT 183CM – BLACK	GC-SB	TRACK: (1) JUNO R4BL & (1) R2BL END FEED CONN: (1) JUNO R38BL MINI CONNECTOR: (3) JUNO R23BL ADJUSTABLE CONN: (1) JUNO R20BL		0	19056	1	LED EMERGENCY LIGHT DOUBLE – WHITE	GC-SB	CONFIRM MODEL NUMBER WITH VENDOR	INTEGRAL LED	5
							20748	1	SCONCE – KUZCO PLUTO TRIPLE – CHROME	VD	CONFIRM MODEL NUMBER WITH VENDOR	INTEGRAL LED	15
21779	22	TRACK – LED FIXTURE WITH SNOOT – 3IN 75MM – BLACK – 1100LM FLOOD	GC-SB	LEDRA #350440-13LM-30K-90CRI-38DEG-120-ELV-BK 350440/SNOOTBK	INTEGRAL LED	14	21422	1	SOFT CONE PENDANT	GC-SB	REJUVINATION #A2373 – UNGLAZED TOAST-OIL-BUBBED BRONZE	(1) 6W	6
							21783	7	TROFFER – LED RECESSED – 24X48IN – 600X1200MM – WHITE – 3900LM	GC-SB	ILP #PAN24-36WLED-U-35	INTEGRAL LED	36
							X7001	17	CAN – LED ADJUSTABLE RECESSED – 3IN 75MM – BLACK – 800LM FLOOD	GC-SB	LEDRA #NU3-RA-SW-13LM/12W-27K-90CRI-S35-120-DIM10-NC-BK-BK	INTEGRAL LED	12

- A. ALL FIXTURES IN WORK ROOM, BACK AND FRONT LINE, ABOVE CONDIMENT CART, AND ANY OTHER AREAS WHERE EXPOSED FOOD, CLEAN EQUIPMENT OR UTENSILS, OR UNWRAPPED SINGLE SERVICE ITEMS WILL BE EXPOSED, SHALL HAVE SHATTERPROOF LAMPS IF THE FIXTURE IS NOT LENSED. ARCHITECT OF RECORD TO INCLUDE APPROPRIATE LAMPS / FIXTURES ON DRAWINGS AND SCHEDULES, AND COMPLY WITH ANY ADDITIONAL JURISDICTIONAL LIGHTING REQUIREMENT.
- B. PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES/SUPPORTS.
- C. CENTER EMERGENCY/EXIT LIGHTS ABOVE DOORS, UNLESS OTHERWISE NOTED.
- D. ADJUST FOCUS OF ALL TRACK AND RECESSED DIRECTIONAL LIGHTING TO FULLY ILLUMINATE ALL ARTWORK, MENU BOARDS, AND MERCHANDISE BAYS.
- E. IF PENDANT CYLINDERS CAN SUSPENDED LENGTH EXCEEDS 48" (1200MM) FROM CEILING, REPLACE WITH SURFACE MOUNTED CYLINDER CANS AND SUSPEND WITH GENERAL CONTRACTOR SUPPLIED CONDUIT AND J-BOX TO DIMENSIONED HEIGHT.
- F. REFER TO POWER PLAN FOR PANELBOARD LOCATIONS.

SB	STARBUCKS
GC	GENERAL CONTRACTOR
VD	VENDOR
LL	LANDLORD



- 1 ELECTRICAL CONTRACTOR TO VERIFY THAT A WEATHERPROOF SWITCH IS PROVIDED BY THE SIGN COMPANY. IF NOT ONE MUST BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- 2 ELECTRICAL CONTRACTOR TO PROVIDE DIRECT ACCESSIBLE POWER FOR ALL ELECTRICAL SIGNAGE WITHIN 6'-0" OF THE SIGN LOCATION PROVIDED CONDUIT AND STUB THRU WALL, J-BOX AND ANY REQUIRED O.C.P. CIRCUIT THRU NEW LIGHTING CONTROL PANEL. (SEE DETAILS ON E-502 AND E-601).
- 3 SWITCH BANK LOCATION: SEE CONTROL ZONE DETAIL ON THIS SHEET AND LIGHTING CONTROL DIAGRAM ON E-601. SWITCHES SHALL SERVE AS LOCAL OFF SWITCH.
- 4 PROVIDE 4A CURRENT LIMITING DEVICE (CLD) #RCLF11WH-CL4WH. ALL SALES/SEATING TRACK SHALL BE CIRCUITED VIA THIS CLD.
- 5 LED LIGHT STRIP: REFER TO ARCHITECTURAL DETAILS FOR ADDITIONAL MOUNTING INFORMATION.
- 6 PROVIDE 120V CONNECTION TO MOP SIGNAGE; CONTROL WITH ACCENT LIGHTS.
- 7 WALL MOUNTED OCCUPANCY SENSOR (LEVITON IPS02 1LW) SHALL CONTROL THE LIGHTS IN THIS ROOM. SET FOR 5 MINUTE TIME DELAY.
- 8 EXIT SIGNS AND EMERGENCY LIGHTS SHALL BE CIRCUITED TO LOCAL CIRCUIT AHEAD OF ANY CONTROLS.
- 9 LOCATION OF LIGHTING CONTROL PANEL (SEE CONTROL ZONE SCHEDULE THIS SHEET AND DETAILS ON E-502 AND E-601).
- 10 EXISTING EXTERIOR NORMAL AND EMERGENCY EGRESS LIGHTING TO REMAIN: MAINTAIN EXISTING CIRCUITING AND CONTROLS.

a - BACK ROOM/PREP AREA	\$ <sup>a</sup>	Ø <sup>b</sup>	\$ <sup>T</sup>
b - BACKBAR/PREP TRACK LIGHTS*			
c - WORK ROOM LIGHTS			
d - BACK OF HOUSE			
e - EXTERIOR RECEPTACLES	\$ <sup>c</sup>	\$ <sup>d</sup>	\$ <sup>e</sup>
T - 2 HR MAX TIMED OVERRIDE			

\* - PROVIDE COMPATIBLE DIMMER FOR SALES/SEATING TRACK LIGHTING (COORDINATE DIMMER REQUIREMENTS WITH VENDOR)

## 2 LIGHTING SWITCHBANK DETAIL



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Professional Engineer

# FOR CONSTRUCTION

PROJECT NAME:  
US 17-92 & LAKE MARY  
BLVD

PROJECT ADDRESS:  
3764 ORLANDO DRIVE  
SANFORD, FL 23773

STORE #:	81065
PROJECT #:	98504-001
ISSUE DATE:	08-03-2023
DESIGN MANAGER:	PAULINA LOPEZ
PRODUCTION DESIGNER:	ANDY MCLOUD
CHECKED BY:	DONALD RETHMAN

Revision Schedule		
Rev	Date	Description

SHEET TITLE:  
LIGHTING DESIGN  
PLAN

SCALE: AS INDICATED

SHEET NUMBER:

E-102



DATA DEVICE SCHEDULE - "A"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
AUDIO VISUAL					
10005	1	MUSIC SYSTEM	SB	GC	
10010	1	DT ORDER MONITOR	SB	GC	
10012	1	DT COMMUNICATION SYSTEM	SB	GC	
10013	4	DT QUEUE CAMERA	SB	GC	
10015	3	SPEAKER RECESSED - WHITE	SB	GC	
12336	1	DT TIMER SYSTEM	SB	GC	
14676	1	DT POS MONITOR ARM DOUBLE SURFACE MOUNTED	SB	GC	
19339	1	AMPLIFIER - 40W	SB	GC	
DATA					
10000	1	PHONE 1 LINE	SB	GC	@ POS
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	
POINT OF SALE					
10008	2	POS - REGISTER WITH COMPACT CASH DRAWER	SB	GC	
10014	4	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 EXPEDITER	SB	GC	PART OF RETAIL IT EQUIPMENT PACKAGE
SECURITY					
10024	1	SAFE LH - 20X18X26IN 510X455X660MM	SB	GC	
10028	1	SAFE BASE	SB	GC	

RESPONSIBILITY LEGEND	
SB-GC	FURNISHED BY STARBUCKS - INSTALLED BY GENERAL CONTRACTOR
SB-SB	FURNISHED BY STARBUCKS - INSTALLED BY STARBUCKS
GC-GC	FURNISHED BY GENERAL CONTRACTOR - INSTALLED BY GENERAL CONTRACTOR
LL-LL	FURNISHED BY LANDLORD - INSTALLED BY LANDLORD
<b>NOTE:</b> ALL RESPONSIBILITIES TO BE CONFIRMED WITH STARBUCKS DESIGN MANAGER PRIOR TO ORDERING/CONSTRUCTION.	

SECURITY NOTES

- ENTRY CAMERA: CAPTURE ENTRY DOORWAY AND CUSTOMER TOP OF HEAD TO KNEES. PROVIDE (1) CAMERA AT EACH ENTRY.
- POS CAMERA: PRIMARY OBJECTIVE IS CUSTOMER; SECONDARY IS TRANSACTION PLANE. CAPTURE MULTIPLE POS LOCATIONS.
- SAFE CAMERA: POSITION TO VIEW FROM HANDLE SIDE OF DOOR. POS CAMERA CAN BE USED WHEN SAFE IS LOCATED BELOW TERMINALS.
- DRIVE THRU CAMERA: PRIMARY OBJECTIVE IS CUSTOMER; SECONDARY IS POS. IDEAL PLACEMENT WOULD CAPTURE BOTH.
- BOH CAMERA: CAPTURES CASH HANDLING.
- CARBON MONOXIDE: AT LEAST ONE CARBON MONOXIDE (CO) DETECTOR TO BE LOCATED IN THE BACK OF HOUSE. PROVIDE SECOND DETECTOR IN CAFE IF SPACE INCLUDES A FIREPLACE.

MUSIC SYSTEM NOTES

- GC SHALL INSTALL SPEAKERS AND WIRING PER DRAWING.
- SPEAKER PLACEMENT: LOCATE (1) PER 250 SF OF CAFE SPACE @ 14'-0" MIN TO 18'-0" MAC [4267-5486MM] O.C.
- SPEAKER PAINTING: SPEAKER GRILLS CAN BE PAINTED. NOTE: GRILL HOLES SHALL REMAIN OPEN.
- G.C. SHALL INSTALL MUSIC SYSTEM, CONNECT WIRING, AND TEST.

ELECTRICAL DESIGN PLAN NOTES

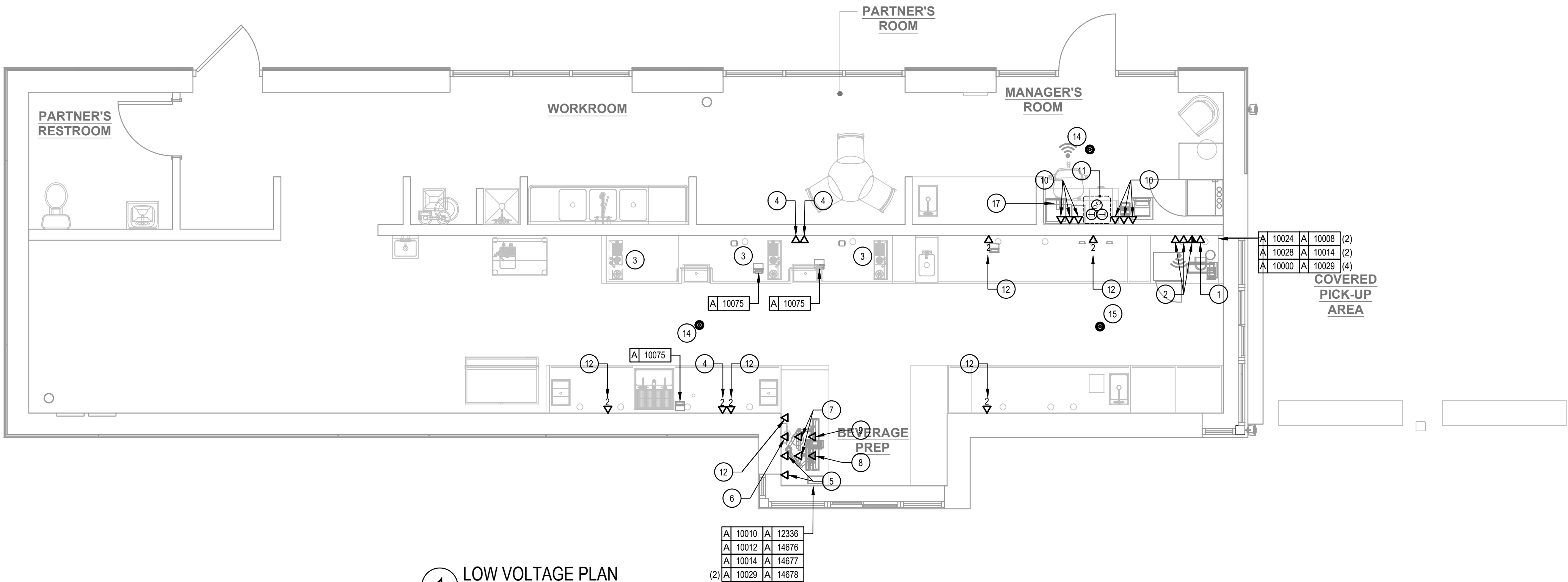
- FURNISH AND INSTALL A COMPLETE AND OPERATING SYSTEM. ALL ITEMS ARE NOT NECESSARILY SHOWN.
- ELECTRICAL CONTRACTOR RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO START OF WORK TO REVEAL FULL SCOPE OF WORK.
- DIMENSIONS ARE TO FINISH FACE UNLESS OTHERWISE NOTED.
- REFER TO DETAIL SHEETS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL DEVICES.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL VOLTAGE REQUIREMENTS ON ALL EQUIPMENT AND PROVIDING BUCK-BOOST TRANSFORMERS AS MAY BE NEEDED FOR CODE. ALL ARE NOT NECESSARILY INDICATED.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING AND HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) CONTRACTORS FOR ANY ADDITIONAL EQUIPMENT NEEDING POWER.
- ALL FUTURE EQUIPMENT NEEDED HEREIN SHALL BE PROVIDED WITH AN APPROPRIATE RECEPTACLE AND FULLY WIRED, EVEN IF NOT SPECIFICALLY INDICATED.
- GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (NOT RECEPTACLES) SHALL BE UTILIZED WHERE REQUIRED BY CODE AND AT ANY FLOOR BOXES. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL THESE CIRCUITS.
- EQUIPMENT REQUIRES CONNECTION TO THE BUILDING ELECTRICAL SYSTEM. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE, CONNECTIONS, RECEPTACLES AND OVERCURRENT PROTECTION NECESSARY TO ENSURE THE EQUIPMENT FUNCTIONED PROPERLY AND COMPLIES WITH ALL APPLICABLE LOCAL AND NATIONAL CODES. COORDINATE EQUIPMENT REQUIREMENTS WITH MANUFACTURER CUT SHEET PRIOR TO ROUGH-IN.
- ALL BACK BAR AND FRONT BAR J-BOXES AND OUTLETS SHALL BE SURFACE MOUNTED. PROVIDE CONDUITS AS NEEDED AND (1) ADDITIONAL SPARE CONDUIT BETWEEN ALL J-BOXES FOR FUTURE ELECTRICAL REQUIREMENTS. ALL J-BOXES SHALL BE POSITIONED TO AVOID OBSTRUCTION OF ANY EQUIPMENT SUCH AS REFRIGERATORS AND DISHWASHERS.
- STUB-UP POWER, DATA, AND PHONE CONDUITS 6" AFF IN THIS LOCATION. ROUTE POWER CONDUCTORS IN FLEXIBLE METAL CONDUIT TIGHT TO WALL FROM RECEPTACLES TO NEARBY RIGID STUB-UP AND BACK TO SERVING POWER PANEL. ROUTE DATA AND PHONE CONDUITS UNDER FLOOR BACK TO DATA RACK NEAR MANAGER'S WORKSTATION. LABEL DATA AND PHONE CONDUITS "FOR DATA CABLING". PROVIDE INSULATED BUSHINGS, AND PROVIDE PULL STRING FROM END TO END.
- COORDINATE ALL CONCRETE TRENCHING/CORE DRILLING TO ENSURE THAT ANY UNDER SLAB UTILITIES, ETC., ARE NOT DAMAGED DURING FLOOR CUT AND OR CORE DRILLING. PRIOR APPROVAL AND COORDINATION WITH PROPERTY MANAGEMENT IS REQUIRED FOR ALL CONCRETE WORK. EC SHALL PROVIDE PATCHING/REPAIR TO CONCRETE AND VAPOR BARRIER AS REQUIRED.

KEY NOTES

- SAFE: PROVIDE RECEPTACLE ON DEDICATED CIRCUIT. ADJACENT TO RECEPTACLE, PROVIDE J-BOX FOR SECURITY ALARM JACK AND ROUTE CONDUIT BACK TO SECURITY PANEL J-BOX. REFER TO MANAGER'S DESK DETAIL AND POS DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
- POS: PROVIDE RECEPTACLE ON DEDICATED CIRCUIT. ADJACENT TO RECEPTACLE, PROVIDE J-BOXES FOR TELEPHONE AND DATA. ROUTE CONDUIT(S) BACK TO MANAGER'S DESK. REFER TO MANAGER'S DESK DETAIL AND POS DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
- STUB UP POWER, DATA PHONE AND/OR SECURITY CONDUITS 6" AFF TO SERVE NEARBY DEVICES IN THIS LOCATION. ROUTE POWER CONDUCTORS IN FLEXIBLE METAL CONDUIT CONCEALED OR TIGHT-TO-WALL FROM RECEPTACLES TO NEARBY RIGID STUB UP AND BACK TO SERVING POWER PANEL. ROUTE DATA, PHONE AND SAFE CONDUITS UNDER FLOOR BACK TO DATA RACK NEAR MANAGER WORKSTATION. PROVIDE AN END-TO-END PULL STRING IN ALL DATA PHONE AND SAFE CONDUITS. LABEL EACH END OF PULL STRING WITH CONDUIT SYSTEM ("POS", "SECURITY", ETC.) AND DESTINATION ("DRIVE-THRU", "FRONT BAR", ETC.). PROVIDE INSULATED BUSHINGS ON ALL STUBBED-UP AND EXPOSED CONDUIT ENDS. REFER TO ARCHITECTURAL PENETRATION PLAN FOR ADDITIONAL INFORMATION.
- CUP LABELER AND/OR MOBILE ORDER PRINTER: PROVIDE RECEPTACLE AND ADJACENT DATA BACKBOX AT SAME MOUNTING HEIGHT - COORDINATE LOCATION AND MOUNTING HEIGHT WITH OWNERS REPRESENTATIVE PRIOR TO ROUGH IN. ROUTE 3/4" CONDUIT FROM BACKBOX TO DATA RACK NEAR MANAGER'S WORKSTATION.
- DT POS AND EXPEDITER TILL MONITOR: PROVIDE DOUBLE DUPLEX RECEPTACLE ON DEDICATED CIRCUIT. ADJACENT TO RECEPTACLE, PROVIDE J-BOX FOR DATA. ROUTE CONDUIT BACK TO MANAGER'S DESK. REFER TO MANAGER'S DESK DETAIL AND DRIVE-THRU POS DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
- DT EXPEDITER MONITOR: PROVIDE DOUBLE DUPLEX RECEPTACLE. ADJACENT TO RECEPTACLE, PROVIDE J-BOX FOR DATA. ROUTE CONDUIT BACK TO MANAGER'S DESK. REFER TO MANAGER'S DESK DETAIL AND DRIVE-THRU POS DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
- DT TIMER CONTROL UNIT AND MONITOR: PROVIDE DOUBLE DUPLEX RECEPTACLE. ADJACENT TO RECEPTACLE, PROVIDE J-BOX FOR DATA. ROUTE CONDUIT BACK TO MANAGER'S DESK. REFER TO MANAGER'S DESK DETAIL AND DRIVE-THRU POS DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
- DT TIMER SIGNAL PROCESSOR: PROVIDE DUPLEX RECEPTACLE. ADJACENT TO RECEPTACLE, PROVIDE J-BOX FOR DATA. ROUTE CONDUIT BACK TO MANAGER'S DESK. REFER TO MANAGER'S DESK DETAIL AND DRIVE-THRU POS DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
- WIRELESS HEADSET BASE STATION: PROVIDE DUPLEX RECEPTACLE. ADJACENT TO RECEPTACLE, PROVIDE J-BOX FOR DATA. ROUTE CONDUIT BACK TO MANAGER'S DESK. REFER TO MANAGER'S DESK DETAIL AND DRIVE-THRU POS DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
- TELEPHONE AND DATA OUTLETS FOR MANAGER'S DESK: REFER TO MANAGER'S DESK DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
- CARBON MONOXIDE DETECTOR AND THERMOSTATS FOR ROOF-TOP HVAC UNITS: COORDINATE INSTALLATION AND CONNECTION WITH MECHANICAL CONTRACTOR. COORDINATE LOCATION(S) WITH OWNER'S REPRESENTATIVE. VERIFY LOCATIONS/CONNECTIONS PRIOR TO INSTALLATION.
- DATA OUTLET FOR FUTURE USE: PROVIDE BACKBOX MOUNTED AT 26" AFF. ROUTE 3/4" CONDUIT FROM BACKBOX TO DATA RACK NEAR MANAGER'S WORK STATION. LABEL CONDUIT FOR DATA CABLING AND PROVIDE PULL STRING FROM END TO END.
- NOT USED
- SECURITY CAMERA: CEILING MOUNT TYPICAL; IN OPEN CEILING CONDITION, LOCATE 6' O. CAMERA AT SAME HEIGHT AS STORE LIGHTING.
- DRIVE THRU CAMERA: LOCATE 6'-0" TO 8'-0" [1825-2440MM] FROM WINDOW WITH CLEAR VIEW OF CUSTOMER AND DT POS.
- RECESSED SPEAKER. COLOR: WHITE.
- AMPLIFIER: LOCATE ON SHELVING ABOVE MANAGER'S WORKSTATION (SEE DETAIL ON E-501).

ELECTRICAL SYMBOLS LEGEND

- |   |                         |   |                 |
|---|-------------------------|---|-----------------|
| ▼ | TELEPHONE               | ● | SECURITY CAMERA |
| ▽ | DATA                    | ⊙ | SPEAKER         |
| ⊕ | THERMOSTAT              | ⊞ | JUNCTION BOX    |
| ⊞ | CARBON MONOXIDE MONITOR |   |                 |



1 LOW VOLTAGE PLAN  
SCALE: 1/4" = 1'-0"



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Timothy L. Raberding, PE  
Professional Engineer

FOR CONSTRUCTION

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**US 17-92 & LAKE MARY BLVD**

PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 32773**

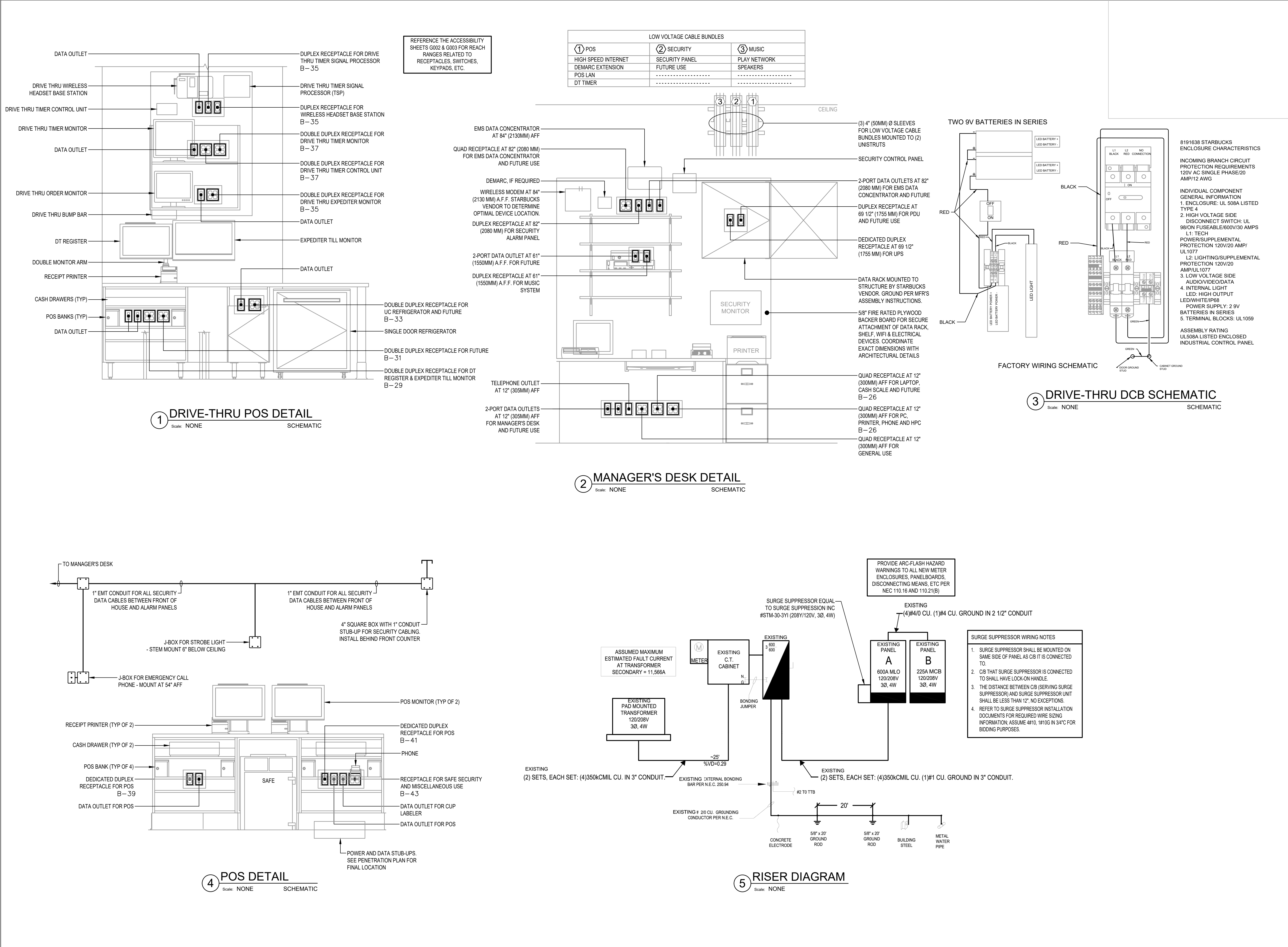
STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGN MANAGER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN


Revision Schedule		
Rev	Date	Description

SHEET TITLE:  
**LOW VOLTAGE DESIGN PLAN**  
SCALE: AS INDICATED

SHEET NUMBER:  
**E-103**







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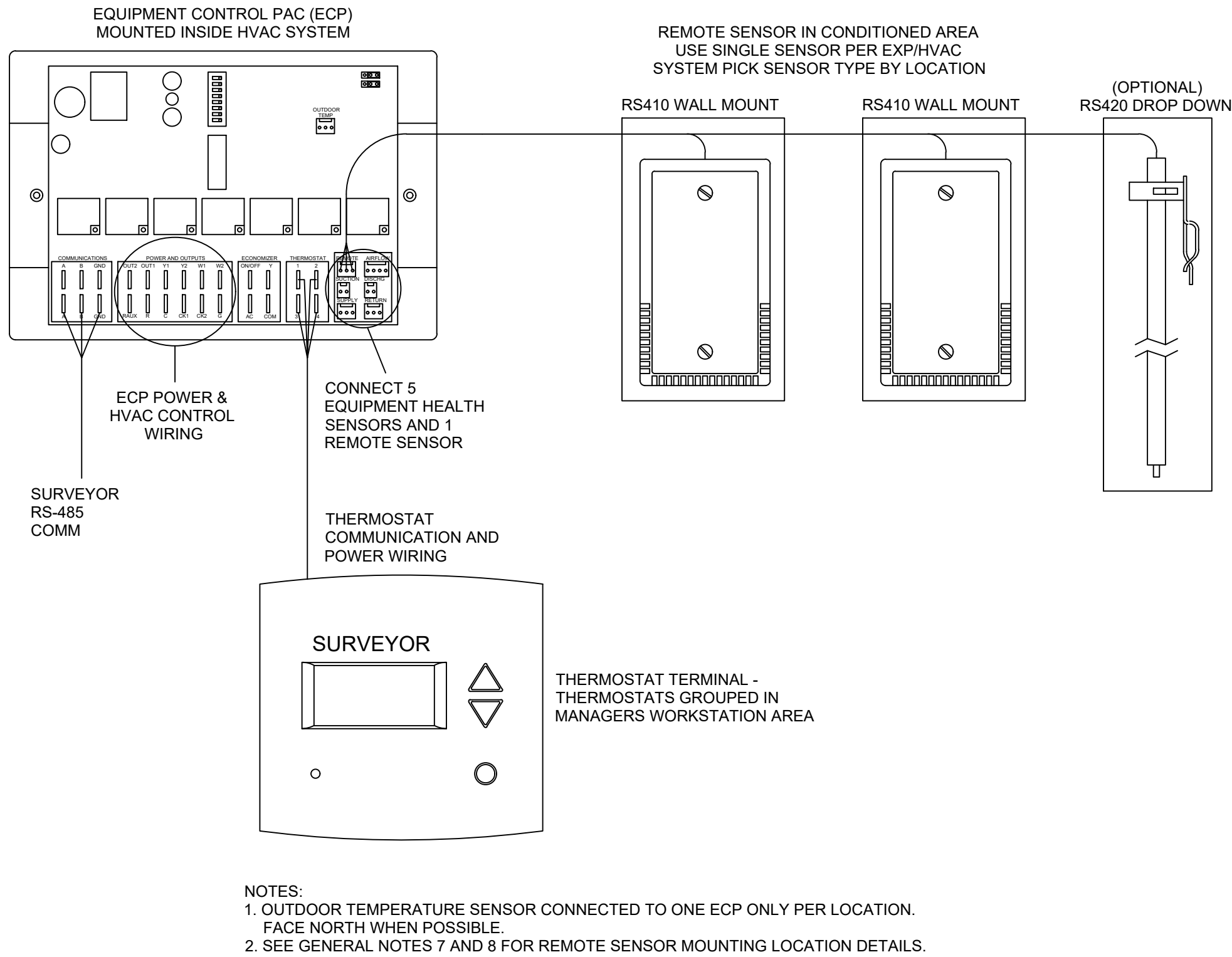
Revision Schedule		
Rev	Date	Description

SHEET TITLE:  
**ELECTRICAL DETAILS**

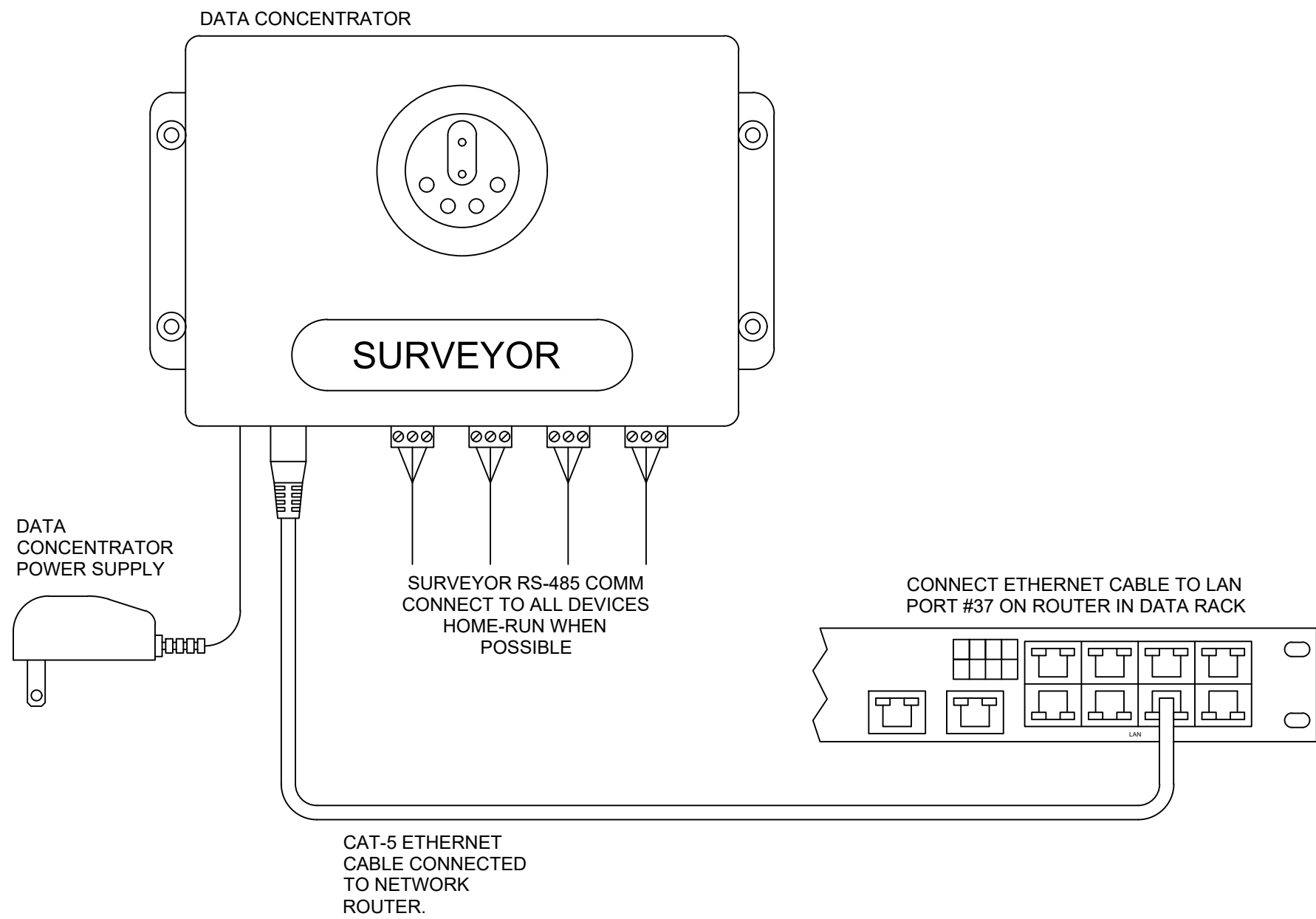
SCALE: AS INDICATED

SHEET NUMBER:  
**E-501**





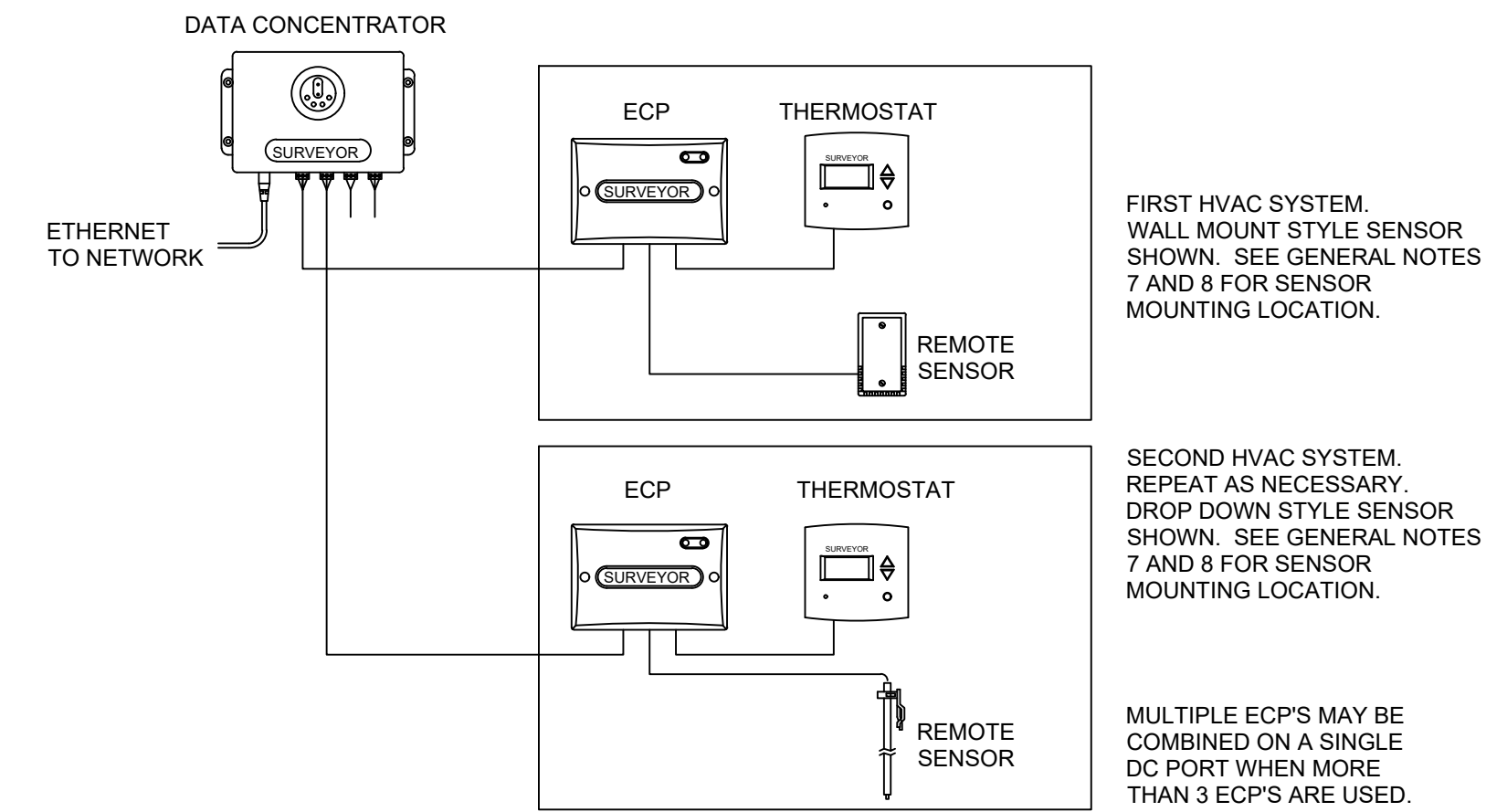
3 Venstar EMS - No Lighting Control - HVAC Controls  
Scale: 6" = 1'-0"



2 Venstar EMS - No Lighting Control - Data Concentrator  
Scale: 6" = 1'-0"

- ### GENERAL NOTES
1. SURVEYOR ENERGY MANAGEMENT SYSTEM HARDWARE IS SUPPLIED BY STARBUCKS.
  2. DRAWING FOR GENERAL INFORMATION, DESIGN INTENT, AND COORDINATION ONLY.
  3. LOCAL BUILDING CODES TAKE PRECEDENCE OVER THIS DOCUMENT.
  4. NOT ALL WIRING IS SHOWN ON THIS DRAWING. FOR CLARITY, ONLY ONE EXAMPLE OF EACH TYPE OF DEVICE IS SHOWN.
  5. REFER TO THE SURVEYOR INSTALLATION INSTRUCTIONS FOR EACH COMPONENT FOR DETAILED WIRING AND ADDITIONAL CRITICAL INFORMATION.
  6. CAUTION! INSTALLATION REQUIRES THE REMOVAL OF SAFETY COVERS AND EXPOSE THE INSTALLER TO HIGH VOLTAGE AND ELECTRICAL HAZARDS. USE OF A LICENSED ELECTRICIAN IS REQUIRED. FOLLOW ALL APPROPRIATE SAFETY PRECAUTIONS. ADDITIONAL SAFETY INFORMATION IS IN THE SURVEYOR INSTALLATION MANUALS.
  7. WALL MOUNTED REMOTE SENSOR IS MOUNTED ON WALL 4 TO 5 FT AFF. AVOID AREAS WITH DIRECT AIRFLOW FROM SUPPLY REGISTERS.
  8. USE A DROP DOWN SENSOR IF A WALL MOUNT SENSOR CANNOT BE INSTALLED DUE TO SPACE CONSTRAINTS (SEE NOTE 7 FOR REQUIREMENTS). THE SENSOR CLIPS TO THE T-BAR GRID AND ADJUSTED SO THE BOTTOM OF THE SENSOR IS 8 TO 9 FT AFF. ALLOW 2 FT OF CLEARANCE FROM METRO SHELVING AND AVOID AREAS WITH DIRECT AIRFLOW FROM SUPPLY REGISTERS.
  9. FOR SURVEYOR EMS TECHNICAL SUPPORT AND SYSTEM COMMISSIONING, CONTACT SURVEYOR TECHNICAL SUPPORT, (855) 647-7660, OPTION 1 OR EMAIL [INSTALLSUPPORT@VENSTAR.COM](mailto:INSTALLSUPPORT@VENSTAR.COM). HOURS 6:00 AM TO 8:00 PM PACIFIC, MON-FRI.

SURVEYOR EMS COMPONENTS			
VENSTAR PART	SBUX ITEM #	DESCRIPTION	QUANTITY
DC400	011029485	DATA CONCENTRATOR	1
OTS400	011029487	OUTDOOR TEMPERATURE SENSOR	1
ECP400	011029489	EQUIPMENT CONTROL PAC	1 PER HVAC
CT414	011029490	COMMUNICATING THERMOSTAT	1 PER HVAC
SP400	011029491	SENSOR PAC	1 PER HVAC
RS410	011029492	WALL MOUNT REMOTE SENSOR	1 PER FOH HVAC
OPTIONAL → RS420	011050767	NARROW DROP DOWN SENSOR	1 PER BOH HVAC



1 Venstar EMS - No Lighting Control - Basic Low Voltage Wire Runs  
Scale: 6" = 1'-0"



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FOR CONSTRUCTION

PROJECT NAME:  
**US 17-92 & LAKE MARY  
BLVD**

PROJECT ADDRESS:  
**3764 ORLANDO DRIVE  
SANFORD, FL 32773**

STORE #: 81065  
PROJECT #: 98504-001  
ISSUE DATE: 08-03-2023  
DESIGN MANAGER: PAULINA LOPEZ  
PRODUCTION DESIGNER: ANDY MCLOUD  
CHECKED BY: DONALD RETHMAN

Revision Schedule		
Rev	Date	Description

SHEET TITLE:  
**ELECTRICAL DETAILS -  
ENERGY MANAGEMENT SYSTEM**  
SCALE: AS INDICATED

SHEET NUMBER:  
**E-502**



B												
ROOM MOUNTING RECESSED FED FROM		A		VOLTS 208Y/120V 3P 4W BUS AMPS 225 NEUTRAL 100%				AIC MAIN BKR LUGS		SERIES RATED MLO STANDARD		
CKT #	CIRCUIT DESCRIPTION	A	B	C	CKT BKR	CKT BKR	A	B	C	CIRCUIT DESCRIPTION	CKT #	
1	* ESPRESSO	3.25			30/2	20/1	0.96			* U.C. REFRIGERATOR	2	
3			3.25			20/1		1.48		* INSTA-HOT, PREP TABLE	4	
5	* LEFT ESPRESSO			3.25	40/2	20/1			1.56	* BLENDER, * CUP LABELER	6	
7		3.25				20/1	0			SPARE	8	
9	* RIGHT ESPRESSO		3.25		40/2	20/1		0		SPARE	10	
11				3.25		20/1			0.48	* U.C. REFRIGERATOR	12	
13	*RIGHT TURBOCHEF	3			30/2	20/1	0.96			* U.C. REFRIGERATOR	14	
15			3			40/2		3.9		* SANITIZER	16	
17	* CUP LABELER			0.4	20/1				3.9		18	
19	* FUTURE EQUIPMENT	0.18			20/1	20/1	0.48			* U.C. REFRIGERATOR	20	
21	*RIGHT TURBOCHEF		3		30/2	20/1		0.72		* SCALE/GRINDER	22	
23				3		20/1			0.09	* SERVER STAND	24	
25	* DUAL BREWER	4.17			50/2	20/1	0.72			* MANAGER'S DESK - PC, PRINTER	26	
27			4.17			20/1		0.36		* CONVENIENCE RECEIPT	28	
29	* DT POS - DED. REC			0.36	20/1	20/1			0.36	* EXTERIOR RECEIPT	30	
31	* DT POS REC - FUTURE	0.36			20/1	20/1	0			SPARE	32	
33	* U.C. REFRIGERATOR, FUTURE		0.98		20/1	20/1		0.36		* RCP, WATER FILTER	34	
35	* DT COMMUNICATIONS			0.72	20/1	20/1			0	SPARE	36	
37	* DT TIMER	0.72			20/1	20/1	0.18			* PARTNER WORKSTATION	38	
39	* LEFT POS - DED. REC		0.18		20/1	20/1		0		SPARE	40	
41	* RIGHT POS - DED. REC			0.18	20/1	20/1			1.08	* DOUBLE DOOR REFRIGERATOR	42	
43	* POS REC - MISC EQUIPMENT	0.36			20/1	20/1	1.3			* DOUBLE DOOR FREEZER	44	
45	* BLENDER		1.2		20/1	20/1		0		SPARE	46	
47	* U.C. REFRIGERATOR			0.48	20/1	20/1			1.3	* DOUBLE DOOR FREEZER	48	
49	* REMOTE CONDENSOR	0.144			20/2	50/3	4.5			* WH	50	
51			0.144					4.5			52	
53	* NITRO GENERATOR			0.72	20/1				4.5		54	
55	* ICE MACHINE	1.8			20/2	30/2	0			* FUTURE EQUIPMENT	56	
57			1.8					0			58	
59	* FUTURE EQUIPMENT			0.36	20/1	20/1			1.08	* DOUBLE DOOR REFRIGERATOR	60	
61	* SINK	0.18			20/1	20/1	0.48			* U.C. REFRIGERATOR	62	
63	* CUP LABELER		0.2		20/1	20/1		0		SPARE	64	
65	* U.C. REF			0.48	20/1	20/1			0	SPARE	66	
							27	32.5	27.6	TOTAL CONNECTED KVA		
							229	271	232	TOTAL CONNECTED AMPS		
LOAD TYPE		CONN. KVA	DEMAND KVA		LOAD TYPE		CONN. KVA	DEMAND KVA				
LIGHTING		0	0 (125%)		CONTINUOUS		0	0 (125%)				
LARGEST MOTOR		13.5	16.9 (125%)		HEATING		0	0 (100%)				
OTHER MOTORS		0	0 (100%)		NONCONTINUOUS		0	0 (100%)				
RECEPTACLES		8.52	8.52 (50%>10)		KITCHEN EQUIP		64.7	42.1 (65%)				
					NONCOIN/DIVERSE		0	0 (N/A)				
					TOTAL KVA:		87	67.8				
					TOTAL BALANCED DEMAND AMPS:		188					
NOTES: * - PROVIDE GFCI PROTECTION (SEE NOTE) ** - CIRCUIT CONTROLLED VIA CONTACTOR / *** - EXISTING CIRCUIT TO REMAIN												

THIS SHALL BE A SERIES-RATED SYSTEM BETWEEN THE MAIN CIRCUIT BREAKER AND THE BRANCH BREAKERS WITHIN THE PANELS TO ALLOW FOR 10 KAIC RATED BREAKERS TO BE UTILIZED.

NOTE: PANELS ARE BY LL.  
CONTRACTOR SHALL PROVIDE ALL  
BREAKERS AS SHOWN ON THESE  
SCHEDULES!

#### GROUND FAULT PROTECTION NOTES:

PROVIDE GFCI PROTECTION AS REQUIRED BY NEC 210.8.

CIRCUITS REQUIRING GFCI PROTECTION IDENTIFIED WITH \* ON PANEL SCHEDULES.

ABOVE-COUNTER RECEPTACLES THAT ARE READILY ACCESSIBLE AND WITHIN REACH OF PARTNERS SHALL BE GFCI TYPE.

BELOW-COUNTER RECEPTACLES, OR RECEPTACLES THAT ARE DIFFICULT TO REACH OR REQUIRE MOVING EQUIPMENT TO RESET, AND ARE NOT READILY ACCESSIBLE SHALL BE PROTECTED BY GFI CIRCUIT BREAKERS.

WHERE THE AVAILABLE SHORT CIRCUIT CURRENT EXCEEDS 22,000 AMPS AT THE PANELBOARD, CONTACT CIRCUIT BREAKER MANUFACTURER AND PROVIDE GFCI TYPE CIRCUIT BREAKER THAT SERIES RATES WITH PANEL OVER CURRENT PROTECTION IF AVAILABLE.

WHERE THE AVAILABLE SHORT CIRCUIT CURRENT EXCEEDS 22,000 AMPS AT THE PANELBOARD, AND GFCI BREAKERS ARE NOT AVAILABLE, PROVIDE DEAD-FRONT GFCIS (IN A READILY ACCESSIBLE LOCATION) TO SERVE RECEPTACLES THAT ARE NOT READILY ACCESSIBLE.

#### CLOSE-OUT NOTES:

- A. WITHIN 30 DAYS OF DATE OF SYSTEM ACCEPTANCE, RECORD DRAWINGS OF THE ACTUAL INSTALLATION SHALL BE PROVIDED TO THE BUILDING OWNER. RECORD DRAWINGS SHALL INCLUDE, AT A MINIMUM, THE FOLLOWING:
1. A SINGLE-LINE DIAGRAM OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM.
  2. FLOOR PLANS INDICATING LOCATION AND AREA SERVED FOR ALL DISTRIBUTION.
- B. UPON COMPLETION OF PROJECT, PROVIDE OPERATION AND MAINTENANCE MANUALS TO OWNER. THE MANUALS SHALL CONTAIN, AT A MINIMUM, THE FOLLOWING INFORMATION:
1. SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE.
  2. OPERATION MANUALS AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED.
  3. NAMES AND ADDRESSES OF AT LEAST ONE QUALIFIED SERVICE AGENCY.
- C. PRIOR TO PASSING FINAL INSPECTION, THE CONTRACTOR 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 TO THE CONSTRUCTION DOCUMENTS AND MANUFACTURER'S INSTRUCTIONS.

PROVIDE ARC-FLASH HAZARD  
WARNINGS TO METER  
ENCLOSURES, PANELBOARDS,  
DISCONNECTING MEANS, ETC PER  
NEC 110.16 AND 110.21(B)

A												
ROOM MOUNTING RECESSED FED FROM		VOLTS 208Y/120V 3P 4W BUS AMPS 600 NEUTRAL 100%					AIC MAIN BKR LUGS		EXISTING MLO FEEDTHRU			
CKT #	CIRCUIT DESCRIPTION	A	B	C	CKT BKR	CKT BKR	A	B	C	CIRCUIT DESCRIPTION	CKT #	
1	***RTU-1 (EXIST)	7.68			90/3	20/1	0			SPARE	2	
3			7.68			20/1		0		SPARE	4	
5				7.68		20/1			0	SPARE	6	
7	SPARE	0			20/1	20/1	0			SPARE	8	
9	SPARE		0		20/1	20/1		0		SPARE	10	
11	SPARE			0	20/1	20/1			0.12	EMERG/EXIT LIGHTING	12	
13	SPARE	0			20/1	20/1	0			SPARE	14	
15	SPARE		0		20/1	20/1		0.25		LIGHTING CONTROLS	16	
17	SPARE			0	20/1	20/1			1.9	HAND DRYER	18	
19	SPARE	0			20/1	20/1	0.26			** DRIVE-THRU SIGN	20	
21	SPARE		0		20/1	20/1		0.497		**BACK BAR/PREP AREA LIGHTING	22	
23	SPARE			0	20/1	20/1			0.365	**BOH & RESTROOM LIGHTING	24	
25	SPARE	0			20/1	20/1	0.96			** WORDMARK SIGN	26	
27	SPARE		0		20/1	20/1		0.26		** DRIVE-THRU SIGN	28	
29	SPARE			0	20/1	20/1		0.96		** WORDMARK SIGN	30	
31	SPARE	0			20/1	20/1	0.26			** LOGO SIGN	32	
33	SPARE		0		20/1	225/3		27		PANEL B	34	
35	SPARE			0	30/1				32.5		36	
37	SPARE	0			20/1			27.6			38	
39	** UPLIGHT		0.2		20/1	30/2		0.35		IRRIGATION PUMP (EXIST)	40	
41	** DT DIGITAL ORDER SCREEN			0.26	20/1				0.35		42	
43	***TIME CLOCK POWER	0.4			20/1	20/1	0.445			**/**SITE LIGHTING	44	
45	***** DRIVE-THRU SIGN, MONUMENT SIGN		1.52		20/1	20/1		0.534		**/**SITE LIGHTING	46	
47	SPARE			0	20/1	20/1			0.72	**/**PATIO REC	48	
49	*** ** DT MENU BOARD	0.52			20/1	20/1	0.5			***DRIVE THRU DSC/DCB #1	50	
51	*** **DRIVE THRU CANOPY		0.4		20/1	20/1		0		SPARE	52	
53	*** **EXTERIOR BUILDING LIGHT			0.8	20/1	20/1			0	SPARE	54	
55	***DRIVE THRU WINDOW	0.5			20/1	20/1	0			SPARE	56	
57	***DRIVE THRU WINDOW		0.5		20/1	20/1		0		SPARE	58	
59	*** EF-1			0.468	20/1	20/1		0		SPARE	60	
61	DUCT SMOKE DETECT	0.4			20/1	20/3	0			SURGE SUPPRESSOR	62	
63	***RTU SERVICE RECEIPTS (EXIST)		0.36		20/1			0			64	
65	***DRIVE THRU DSC/DCB #2			0.5	20/1				0		66	
							39.5	39.5	46.6	TOTAL CONNECTED KVA		
							330	332	388	TOTAL CONNECTED AMPS		
LOAD TYPE		CONN. KVA		DEMAND KVA		LOAD TYPE		CONN. KVA		DEMAND KVA		
LIGHTING		8.1		10.1 (125%)		CONTINUOUS		0.65		0.813 (125%)		
LARGEST MOTOR		23		5.76 (125%)		HEATING		0		0 (100%)		
OTHER MOTORS		16.1		16.1 (100%)		NONCONTINUOUS		2.16		2.16 (100%)		
RECEPTACLES		10.6		10.3 (50%>10)		KITCHEN EQUIP		64.7		42.1 (65%)		
						NONCOIN/DIVERSE		0		0 (N/A)		
						TOTAL KVA:		126		111		
						TOTAL BALANCED DEMAND AMPS:		307				
NOTES:												
* - PROVIDE GFCI PROTECTION (SEE NOTE)												
** - CIRCUIT CONTROLLED VIA CONTACTOR / *** - EXISTING CIRCUIT TO REMAIN												

INSTALL LOCK OFF PROVISIONS  
FOR CIRCUIT BREAKERS SERVING  
HAND DRYERS PER NEC 422.31(B)

#### GROUND FAULT PROTECTION NOTES:

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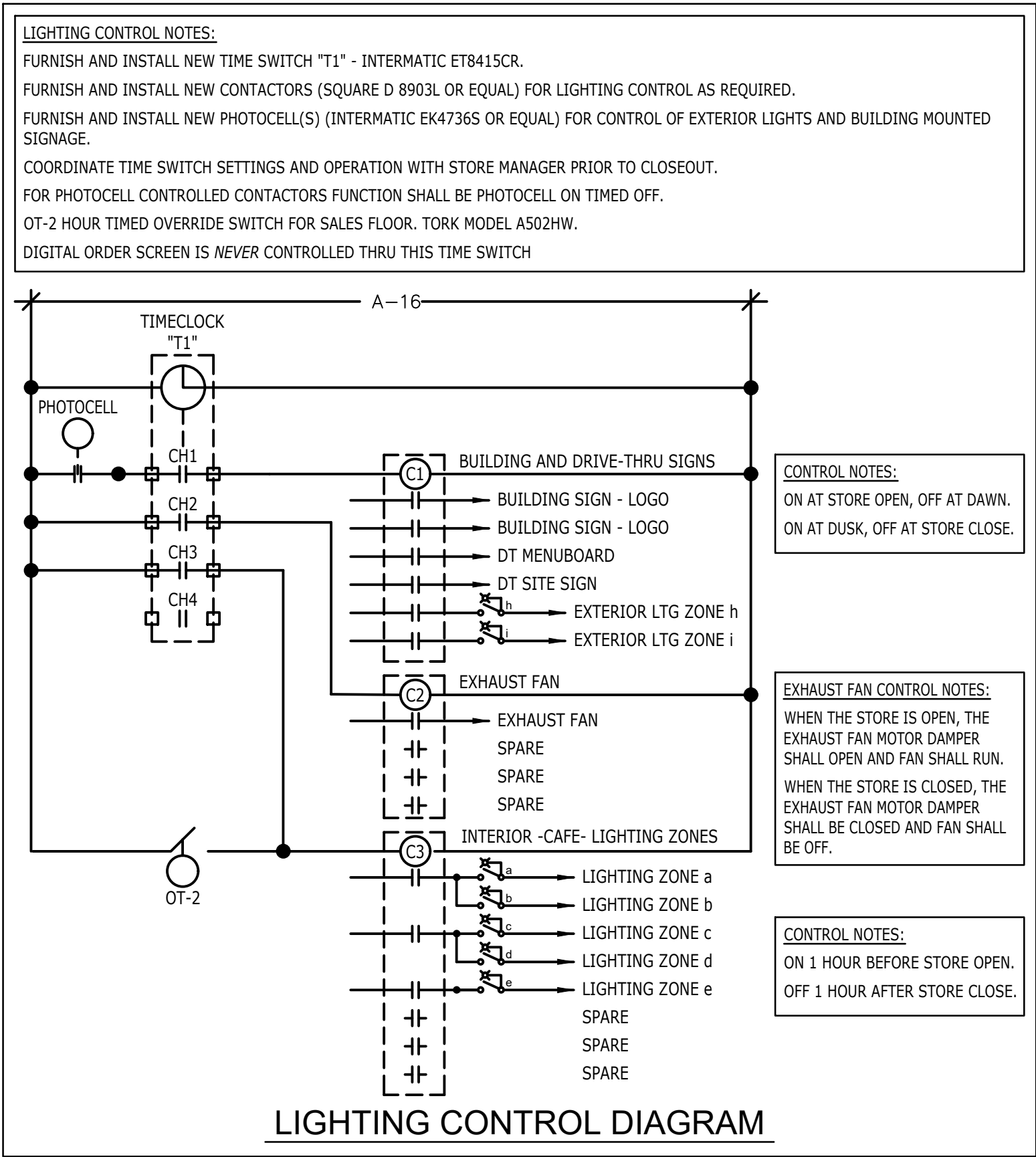
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NOTE: PANELS ARE BY LL.  
CONTRACTOR SHALL PROVIDE ALL  
BREAKERS AS SHOWN ON THESE  
SCHEDULES!



MINIMUM WIRE & CONDUIT SIZES FOR CIRCUIT BREAKERS AND FUSES			
AMPS	FEEDER SIZE	GROUND	CONDUIT
15	#12	#12	3/4"
20	#12	#12	3/4"
25	#10	#10	3/4"
30	#10	#10	3/4"
35	#8	#10	3/4"
40	#8	#10	3/4"
45	#8	#10	3/4"
50	#8	#10	3/4"
60	#6	#10	3/4"
70	#4	#8	1"
80	#4	#8	1"
90	#3	#8	1-1/4"
100	#3	#8	1-1/4"

NOTES:
1. ALL CONDUCTORS SHALL BE COPPER.
2. ALL CONDUIT SHALL HAVE EQUIPMENT GROUNDING CONDUCTOR INSTALLED.
3. CONDUIT BELOW GRADE OUTSIDE OF BUILDING SHALL BE 1" MINIMUM.
4. SIZING OF CONDUCTORS SHALL BE ALTERED FOR DERATING PER N.E.C. OR VOLTAGE DROP CONSIDERATIONS.
5. SEE RISER DIAGRAM FOR SIZING OF CIRCUITS GREATER THAN 100A.
6. USE #10 AWG, COPPER CONDUCTORS FOR 20 AMPERE, 120 VOLT BRANCH CIRCUITS LONGER THAN 75 FEED. USE #10 AWG, COPPER CONDUCTORS FOR 20 AMPERE, 277 VOLT BRANCH CIRCUITS LONGER THAN 200 FEET. WHERE WIRE SIZE IS INCREASED IN SIZE FOR VOLTAGE DROP, EQUIPMENT GROUND SHALL BE INCREASED PROPORTIONATELY PER NEC 250.122 (B).
7. WHERE MC CABLE IS ALLOWED BY AUTHORITY HAVING JURISDICTION THE CONDUCTORS FOR MC CABLE SHALL BE THHN. JACKET SHALL BE THE MANUFACTURER'S STANDARD SIZE FOR CONDUCTORS UTILIZED.

PROVIDE THE FOLLOWING QUANTITIES:
1 POLE CIRCUIT - 1 HOT, 1 NEUTRAL, 1 GROUND
2 POLE CIRCUIT - 2 HOT, 1 GROUND

3 POLE CIRCUIT - 3 HOT, 1 GROUND
1 POLE IG CIRCUIT - 1 HOT, 1 NEUTRAL, 1 GROUND, 1 ISOLATED GROUND.