

PROJECT NAME:
**NEW SHEETZ STORE
CAMERON**

SAWYER ROAD
CAMERON, NC
HARNETT COUNTY
PSR #214196

OWNER:
SHEETZ, INC.

5700 SIXTH AVE.
ALTOONA, PA 16602

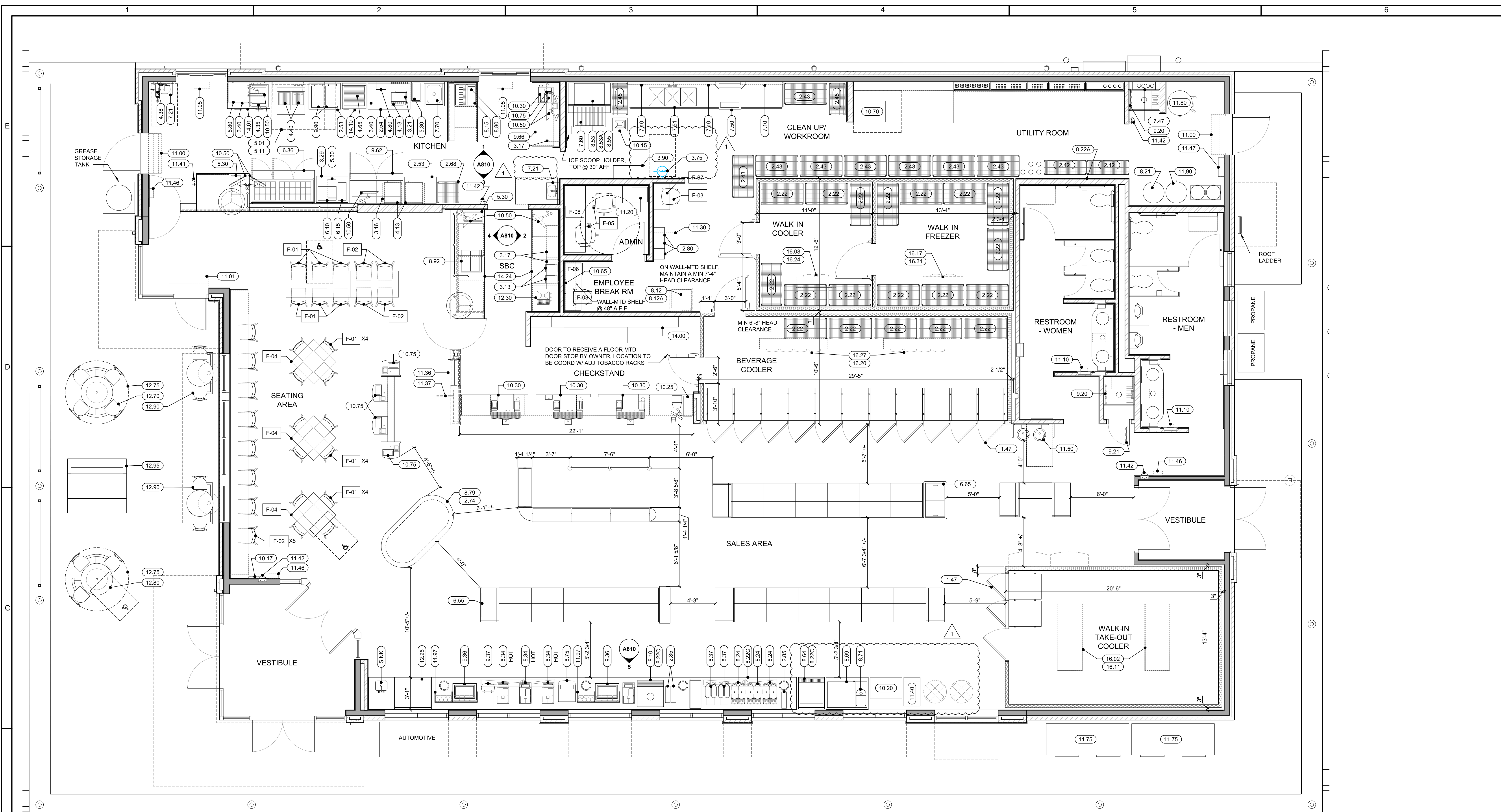
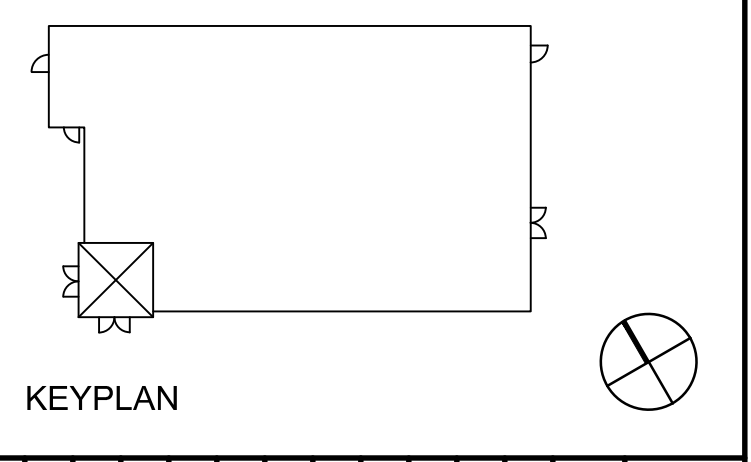
BHDP

CINCINNATI 302 WEST THIRD STREET
COLUMBUS 274 MARCONI BLVD
RALEIGH 150 FAIRVIEW ST

CONSULTANT



PROFESSIONAL



EQUIPMENT PLAN
1/4" = 1'-0"

Equip No	Item Description	Count	Installed by	Connected by
1.47	TAKE-HOME COOLER DOORS (BY COOLER MANUFACTURER)	13	OWNER	
2.22	24x48 EPOXY SHELVING w/ CASTERS	19	OWNER	N/A
2.42	18x48 CHROME SHELVING w/ CASTERS	2	OWNER	N/A
2.43	24x48 CHROME SHELVING w/ CASTERS	8	OWNER	N/A
2.45	18x36 CHROME SHELVING w/ CASTERS	2	OWNER	N/A
2.53	36x30 SS TABLE	4	OWNER	N/A
2.54	48x30 SS TABLE	1	OWNER	N/A
2.68	24 X 24 MOBILE BREAD RACK	1	OWNER	N/A
2.74	CONDENSING UNIT (ROOF) - OPEN AIR RTE CASE	1	OWNER	EC
2.80	STEEL LOCKER - 6-HIGH BOX 12"x12", 1 MIN ACCESSIBLE	3	OWNER	OWNER
2.85	LID & STRAW HOLDER	3	OWNER	OWNER
3.13	VITAMIX BLENDER	2	OWNER	OWNER
3.16	WALL MOUNTED SOLID SHELVING 24x48	1	OWNER	N/A
3.17	WALL MOUNTED SOLID SHELVING 14x36	2	OWNER	N/A
3.21	SCALE	1	OWNER	OWNER
3.29	36x30 SS TABLE - W/O UNDERSHELF	1	OWNER	N/A
3.40	WALL-MOUNTED WIRE SHELVING 24x48	1	OWNER	N/A
3.75	EYE WASH UNIT	1	PC	PC
3.90	14x36 SECURITY CABE	1	OWNER	N/A
4.13	MICROWAVE	3	OWNER	OWNER
4.35	FRY HOLDING STATION	1	OWNER	OWNER
4.38	HOSE REEL	1	PC	PC
4.40	ELECTRIC Fryer	2	OWNER	OWNER
4.65	ROLLER GRILL	1	OWNER	OWNER
4.80	LABEL MINDER 2	1	OWNER	OWNER
5.01	KITCHEN HOOD	1	OWNER	MC
5.11	FIRE SUPPRESSION SYSTEM	1	OWNER	OWNER
5.30	TRASH CAN	4	OWNER	OWNER
6.10	HOT FOOD PRODUCT HOLDING UNIT	1	OWNER	OWNER
6.15	HEATED CHEESE DISPENSER	1	OWNER	OWNER
6.55	HEATED GLASS MINI-MERCHANTISER WARMER	1	OWNER	OWNER
6.65	FREEZER MERCHANTISER	1	OWNER	OWNER
6.86	REFRIGERATED FOOD PREP TABLE - 72"	1	OWNER	OWNER

7.10	MODULAR WALL WIRE SHELF, MAT, AND HOOK SYSTEM	3	OWNER	OWNER
7.21	SS HAND SINK w/ WRIST BLADES	2	PC	PC
7.35	OMITTED			
7.47	WALL-MOUNTED WATER FILTRATION SYSTEM	1	PC	PC
7.50	VENTLESS DISH MACHINE	1	OWNER	EC/PC
7.51	SCULLERY DISH TABLE 102" w/ 3 BOWL SINK	1	OWNER	PC
7.60	TROUGH STYLE FLOOR DRAIN 24x36	1	PC	PC
7.70	ONE-COMPARTMENT RINSE SINK WITH COVERED EDGING	1	PC	PC
8.10	BEVERAGE DISPENSER	1	OWNER	OWNER
8.12	ICE MACHINE (WITH ELEVATED SUPPORT STAND)	1	OWNER	EC
8.12A	ICE MACHINE CONDENSING UNIT (ROOF)	1	OWNER	EC
8.15	BEVERAGE DISPENSER (DRIVE-THRU)	1	OWNER	OWNER
8.21	CO2 CARBONATION SYSTEM	1	OWNER	OWNER
8.22A	CARBONATOR	1	OWNER	OWNER
8.22C	UNDER COUNTER COMPACT WATER BOOSTER	3	OWNER	OWNER
8.24	2 HEAD FUB	3	OWNER	OWNER
8.34	FRANCE COFFEE BREWER	3	OWNER	OWNER
8.37	NARROW ICED BEVERAGE DISPENSERS	2	OWNER	OWNER
8.53	REMOTE ICE CUBE MACHINE	1	OWNER	OWNER
8.53A	ICE MACHINE CONDENSING UNIT (ROOF)	1	OWNER	EC
8.55	ICE STORAGE BIN - B-STYLE	1	OWNER	OWNER
8.64	SELF CONTAINED FCB MACHINE	1	OWNER	OWNER
8.69	MILKSHAKE BLENDING BAR	1	OWNER	OWNER
8.71	MILKSHAKE BLENDER	1	OWNER	OWNER
8.75	S HOPPER HOT BEVERAGE SYSTEM	1	OWNER	OWNER
8.79	OPEN AIR RTE CASE	1	OWNER	EC
8.80	COUNTERTOP CUP DISPENSING CABINETS	2	OWNER	OWNER
8.92	ESPRESSO MACHINE	1	OWNER	OWNER
9.20	24" WOP AND BROOM HOLDER	2	OWNER	OWNER
9.21	18" WOP AND BROOM HOLDER	1	OWNER	OWNER
9.36	REMOTE REFRIGERATED DROP-IN WELL	2	OWNER	OWNER
9.37	CREAMER DISPENSER	1	OWNER	OWNER
9.62	FOOD PREP TABLE - 60" SOLID DOOR SANDWICH UNIT	1	OWNER	OWNER

9.66	UNDER COUNTER GLASS DOOR FRIDGE	1	OWNER	OWNER
9.90	HIGH SPEED OVEN	2	OWNER	OWNER
10.15	ICE BAGGER CART	1	OWNER	OWNER
10.17	STORE CLOCK (BATTERY OPERATED)	1	OWNER	OWNER
10.20	LOTTERY MACHINE	1	OWNER	OWNER
10.25	LOTTERY COUNTERTOP TICKET DISPENSER	1	OWNER	OWNER
10.30	POS TERMINAL	4	OWNER	OWNER
10.50	ORDER MONITOR	8	OWNER	OWNER
10.65	EMPLOYEE KIOSK	1	OWNER	OWNER
10.70	STORE SERVER	1	OWNER	OWNER
10.75	TOUCH SCREEN	5	OWNER	OWNER
11.00	AIR CURTAIN	2	OWNER	EC
11.01	HEATED AIR CURTAIN	1	OWNER	EC
11.05	AIR CURTAIN 18"	1	OWNER	EC
11.10	HAND DRYER	2	OWNER	EC
11.15	BEVERAGE DISPENSER (DRIVE-THRU)	1	OWNER	OWNER
11.30	TV SECURITY WALL MOUNT ENCLOSURE	1	OWNER	OWNER
11.36	LARGE MOBILE PICKUP RACK	1	OWNER	OWNER
11.37	MOBILE PICKUP BLADE SIGN	1	OWNER	OWNER
11.40	ATM - CASH DISPENSER	1	OWNER	OWNER
11.41	FIRE EXTINGUISHER "CLASS K"	1	OWNER	OWNER
11.42	FIRE EXTINGUISHER	4	BC	BC
11.46	INSECT LIGHT TRAP - AURA MODEL	3	OWNER	OWNER
11.47	INSECT LIGHT TRAP - HALO MODEL	1	OWNER	OWNER
11.50	WATER FOUNTAIN	1	PC	PC
11.75	OUTDOOR ICE MERCHANTISER	2	OWNER	OWNER
11.80	HOT WATER HEATER	1	EC/PC	EC/PC
11.90	WATER SOFTENER	1	OWNER	EC/PC
11.97	SELF-SERVE COFFEE FIXING RACK	2	OWNER	OWNER
12.25	2-DOOR LOW PROFILE PASTRY CASE	1	OWNER	OWNER
12.30	SINGLE BOWL UNDERMOUNT SS SINK	1	OWNER	PC
12.70	4 SEAT OUTDOOR TABLE CLUSTER	1	OWNER	OWNER
12.75	ALUMINUM UMBRELLA	2	OWNER	OWNER
12.80	3 SEAT OUTDOOR TABLE CLUSTER	1	OWNER	OWNER
12.90	2 SEAT OUTDOOR TABLE CLUSTER	2	OWNER	OWNER
12.95	ALUMINUM PICNIC TABLE	1	OWNER	OWNER
14.00	TOBACCO MERCHANTISER	1	OWNER	OWNER
14.01	WORKTOP DRAWERED FREEZER - 43"	1	OWNER	OWNER
14.10	29" WORKTOP FREEZER - 27"	1	OWNER	OWNER
14.24	UNDERCOUNTER SINGLE DOOR COOLER - 27"	2	OWNER	OWNER

16.02	EVAPORATOR - WALK-IN TAKE-OUT COOLER	2	OWNER	EC
16.08	CONDENSING UNIT (ROOF) - WALK-IN COOLER	1	OWNER	EC
16.11	CONDENSING UNIT (ROOF) - WALK-IN TAKE-OUT COOLER	1	OWNER	EC
16.17	CONDENSING UNIT (ROOF) - WALK-IN FREEZER	1	OWNER	EC
16.20	CONDENSING UNIT (ROOF) - BEVERAGE COOLER	1	OWNER	EC
16.24	EVAPORATOR - WALK-IN COOLER	1	OWNER	EC
16.27	EVAPORATOR - BEVERAGE COOLER	2	OWNER	EC
16.31	EVAPORATOR - WALK-IN FREEZER	1	OWNER	EC

LEGEND:
BC = BUILDING CONTRACTOR
EC = ELECTRICAL CONTRACTOR
MC = MECHANICAL CONTRACTOR
PC = PLUMBING CONTRACTOR
SC = SPECIALTY CONTRACTOR

NOTES:
1. ALL EQUIPMENT LISTED IS SUPPLIED BY OWNER, UNO.
2. ALL OVERHEAD EQUIPMENT TO BE MOUNTED 80" AFF MIN. UNO.
3. COUNTERTOP HOLES TO BE FIELD LOCATED AND FIELD DRILLED BY GC.

MARK	DESCRIPTION	Count
F-01	CHAIR, TYPICAL TABLE SEATING	18
F-02	CHAIR, HIGH TOP SEATING	12
F-03	STOOL, EMPLOYEE HIGH TOP SEATING	3
F-04	DINING TABLE, 36" x 36"	3
F-05	CHAIR, OFFICE	1
F-06	DESK AND SIDE RETURN	1
F-07	HIGH TOP TABLE, 18" X 30"	1
F-08	SYSTEMS FURNITURE DESK AND SIDE RETURN	1

NOTES:
1. ALL FURNITURE LISTED IS SUPPLIED AND INSTALLED BY OWNER, UNO.

ISSUE: **2-8-21**
PROJECT NO: SH202.35
AUTHOR BY: AJP
REVIEW BY: MJP
SHEET TITLE

EQUIPMENT PLAN

A800

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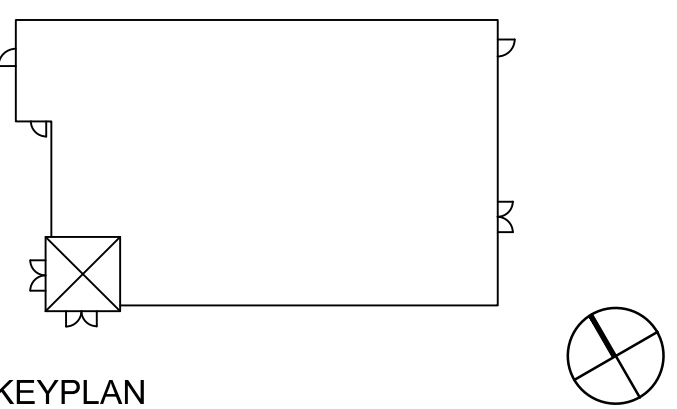
BHDP

CINCINNATI 302 WEST THIRD STREET CINCINNATI, OH 45202 PHONE 513.271.1614 www.bhdp.com
COLUMBUS 274 MARCON BLVD SUITE 200 COLUMBUS, OH 43215 PHONE 614.486.1960
RALEIGH 150 FAYETTEVILLE ST SUITE 800 RALEIGH, NC 27601 PHONE 919.881.1084

CONSULTANT



PROFESSIONAL



KEYPLAN

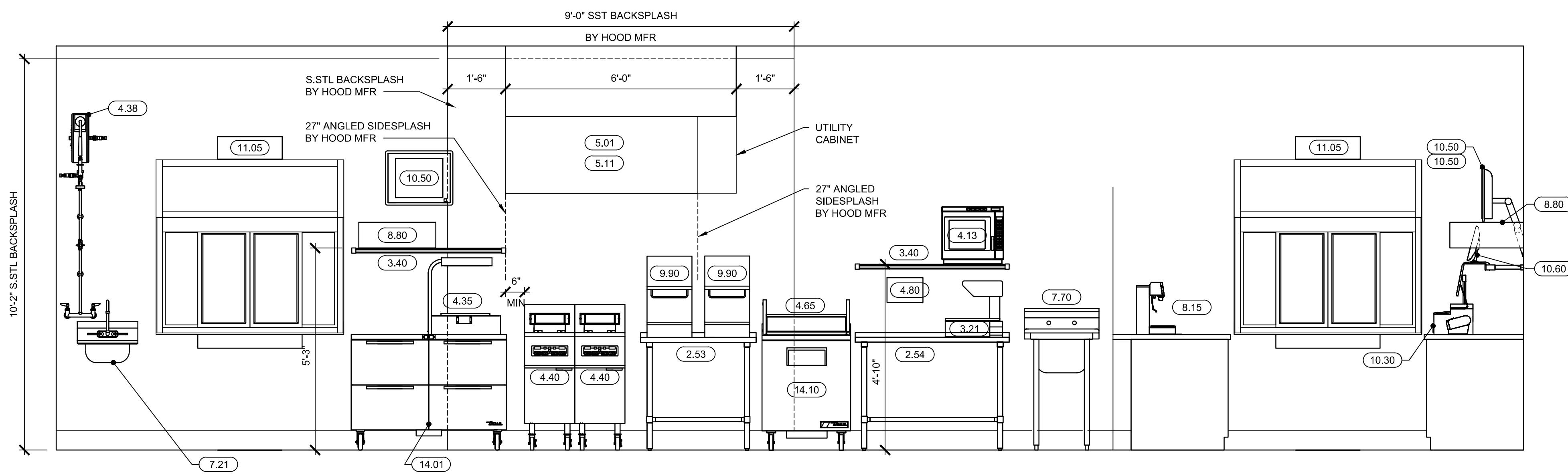
MARK	DATE	ADDENDUM #1	DESCRIPTION
1	3/5/21		

ISSUE: **2-8-21**
PROJECT NO: SHZ02.35
AUTHOR BY: AJP
REVIEW BY: MJP

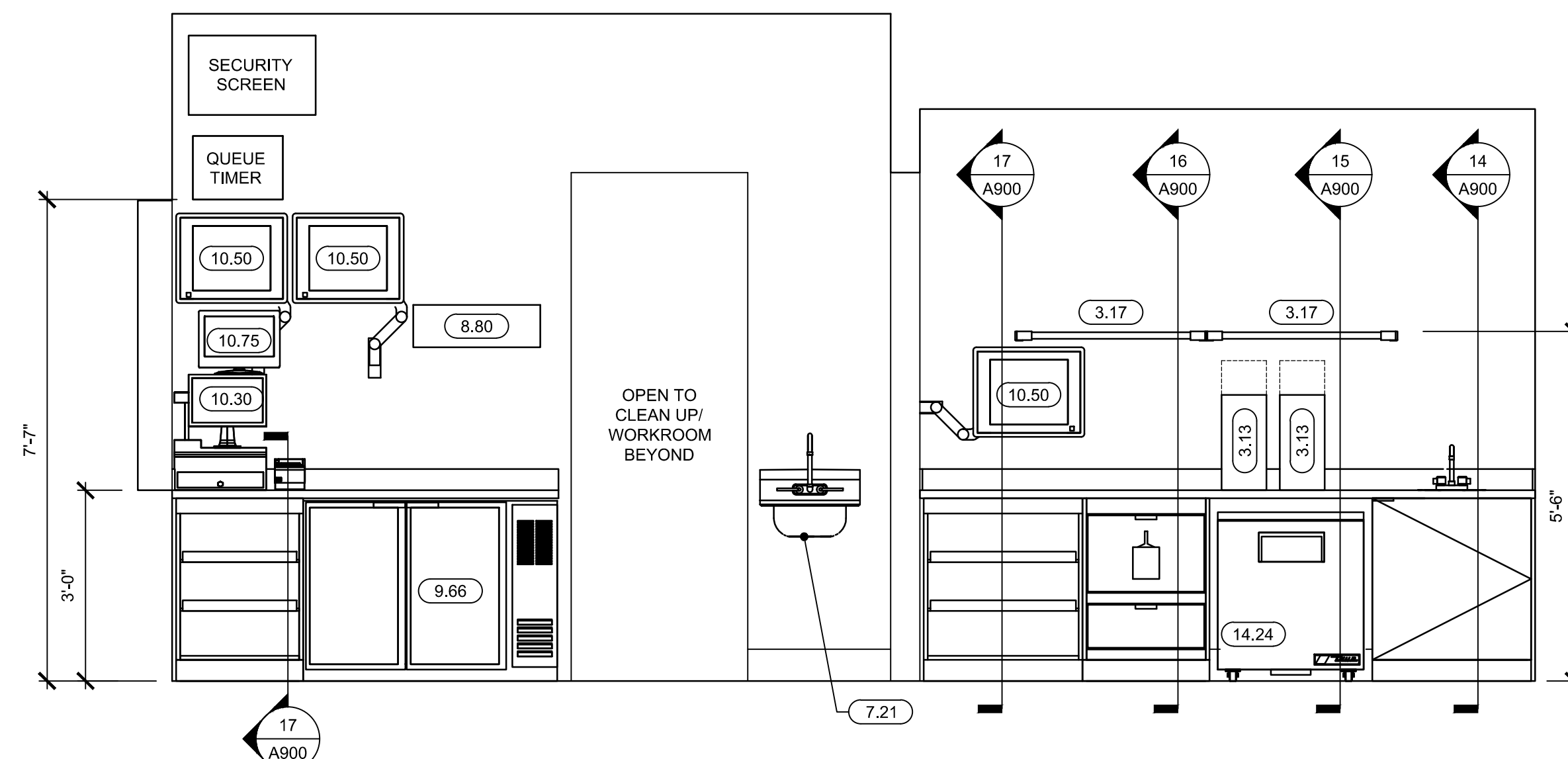
SHEET TITLE

EQUIPMENT
ELEVATIONS
& DETAILS

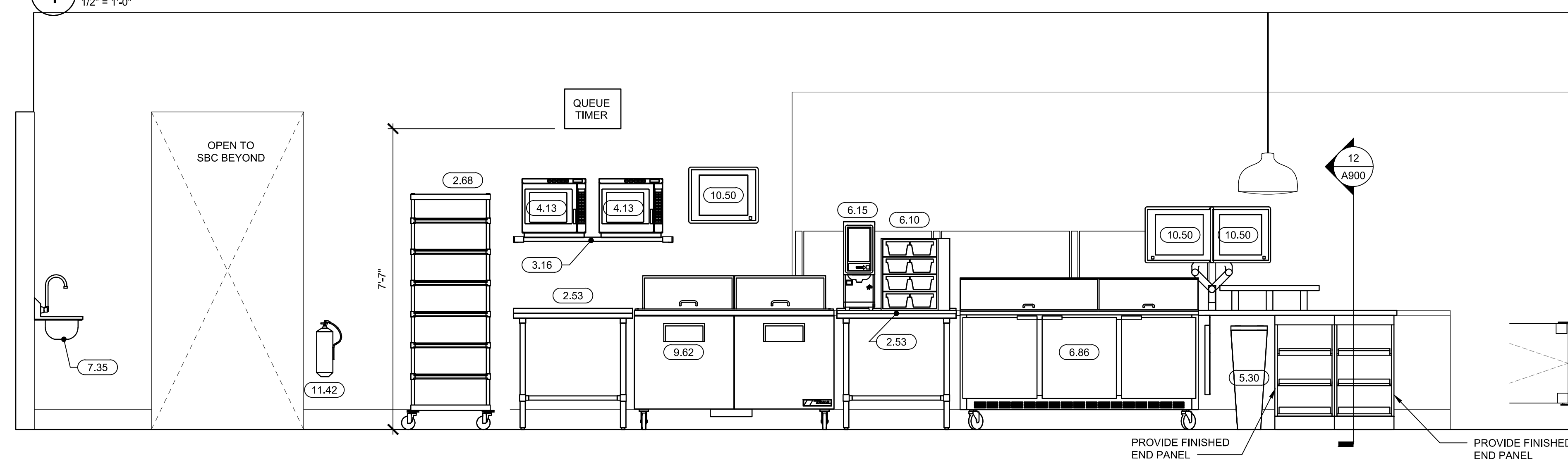
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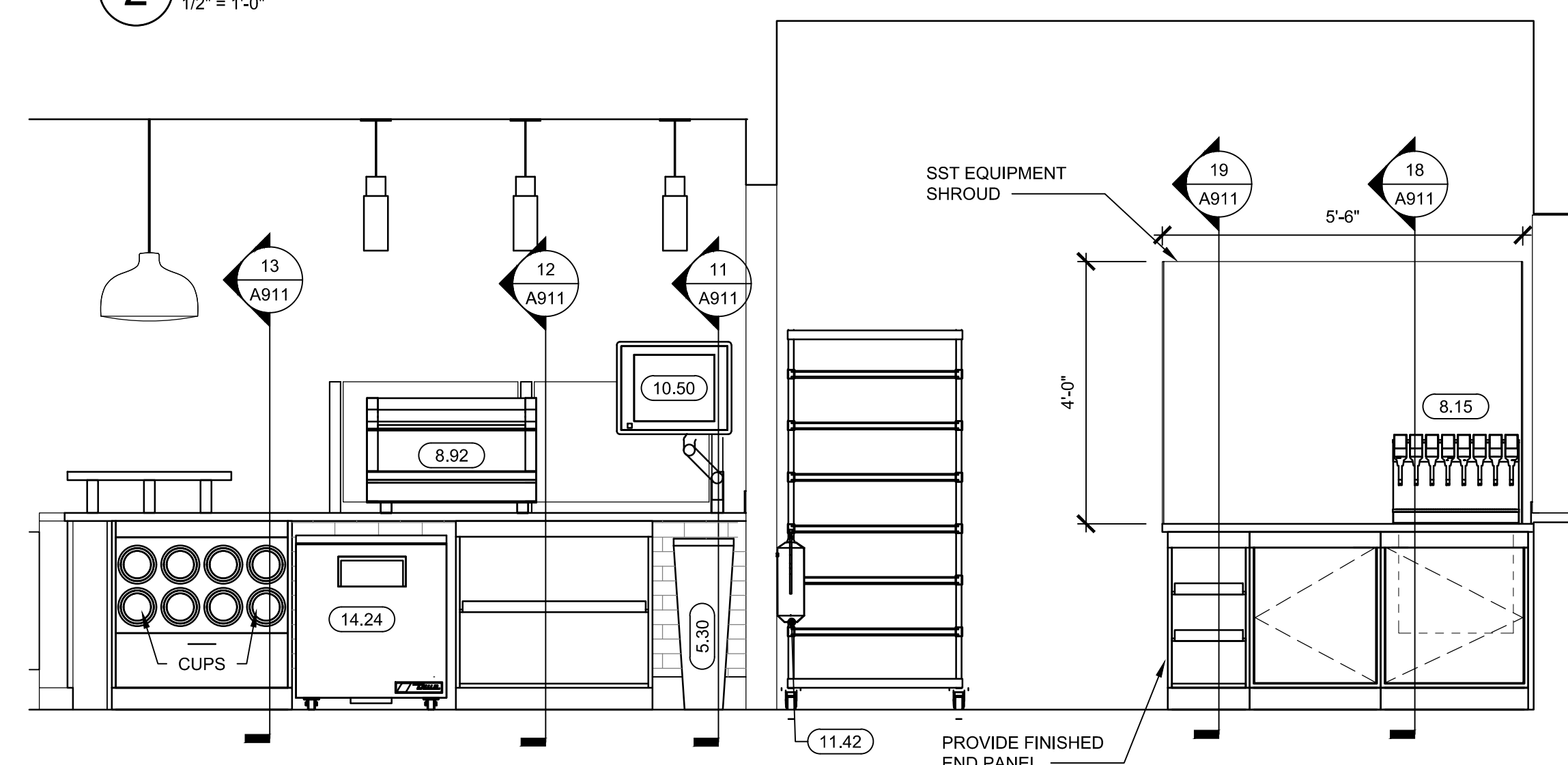
1 PRODUCTION - WALL
1/2" = 1'-0"



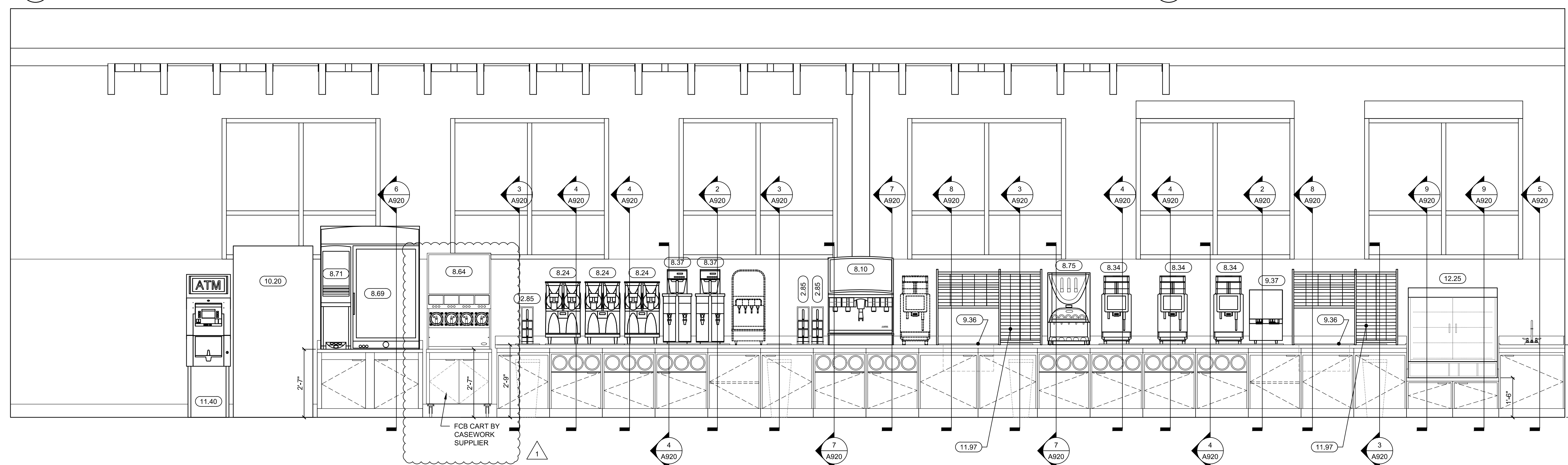
2 SBC - WALL
1/2" = 1'-0"



3 PRODUCTION - SERVING
1/2" = 1'-0"



4 SBC - SERVING
1/2" = 1'-0"



5 SELF-SERVE
1/2" = 1'-0"

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RALEIGH 150 FAYETTEVILLE ST
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RALEIGH, NC 27601
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CONSULTANT



PROFESSIONAL

KEYPLAN

MARK	DATE	ADDENDUM #1	DESCRIPTION
1	3/5/21		

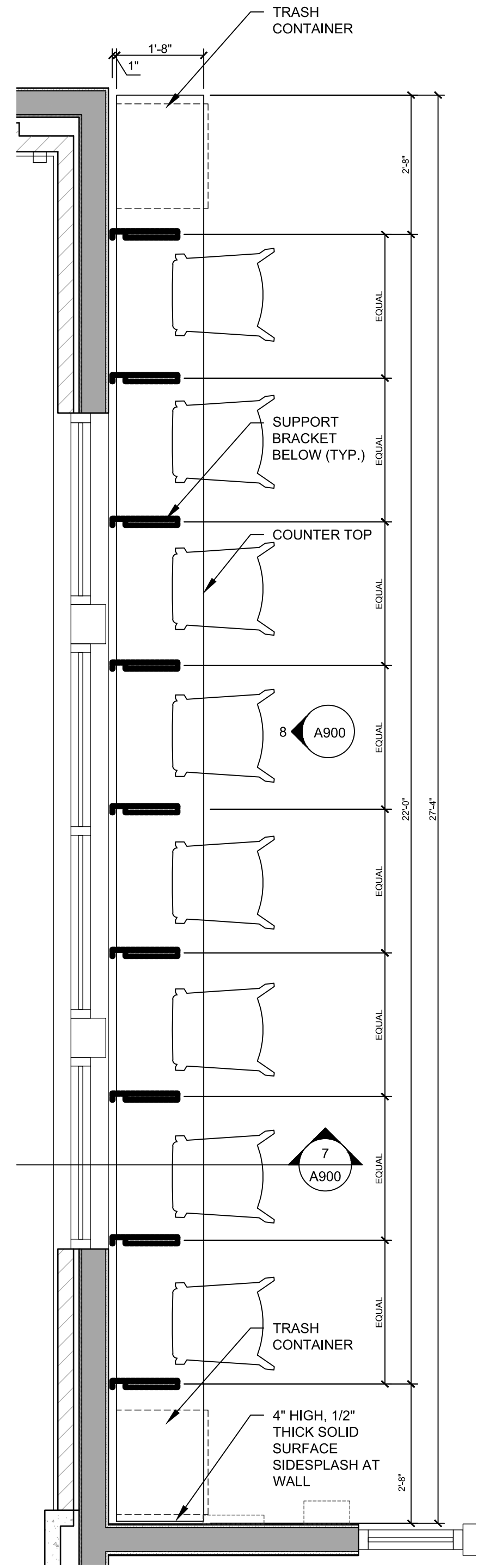
ISSUE: **2-8-21**
PROJECT NO: SHZ02.35
AUTHOR BY: AJP
REVIEW BY: MJP

SHEET TITLE
**CASEWORK PLANS,
ELEVATIONS & DETAILS**

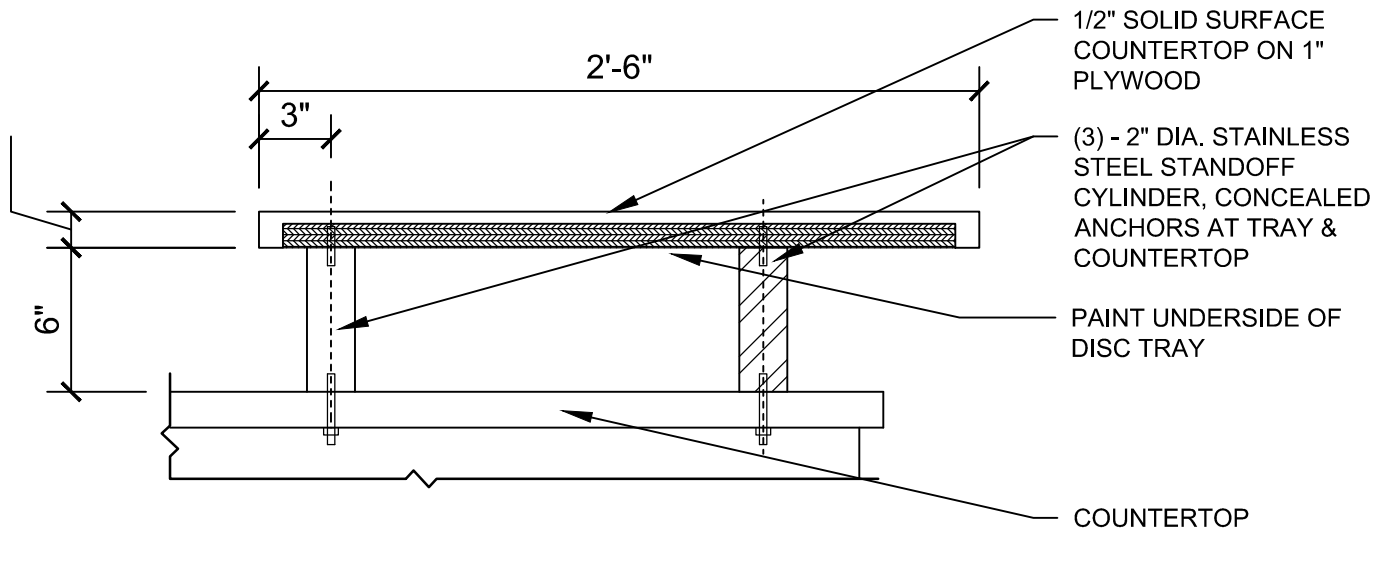
A900

CASEWORK GENERAL NOTES

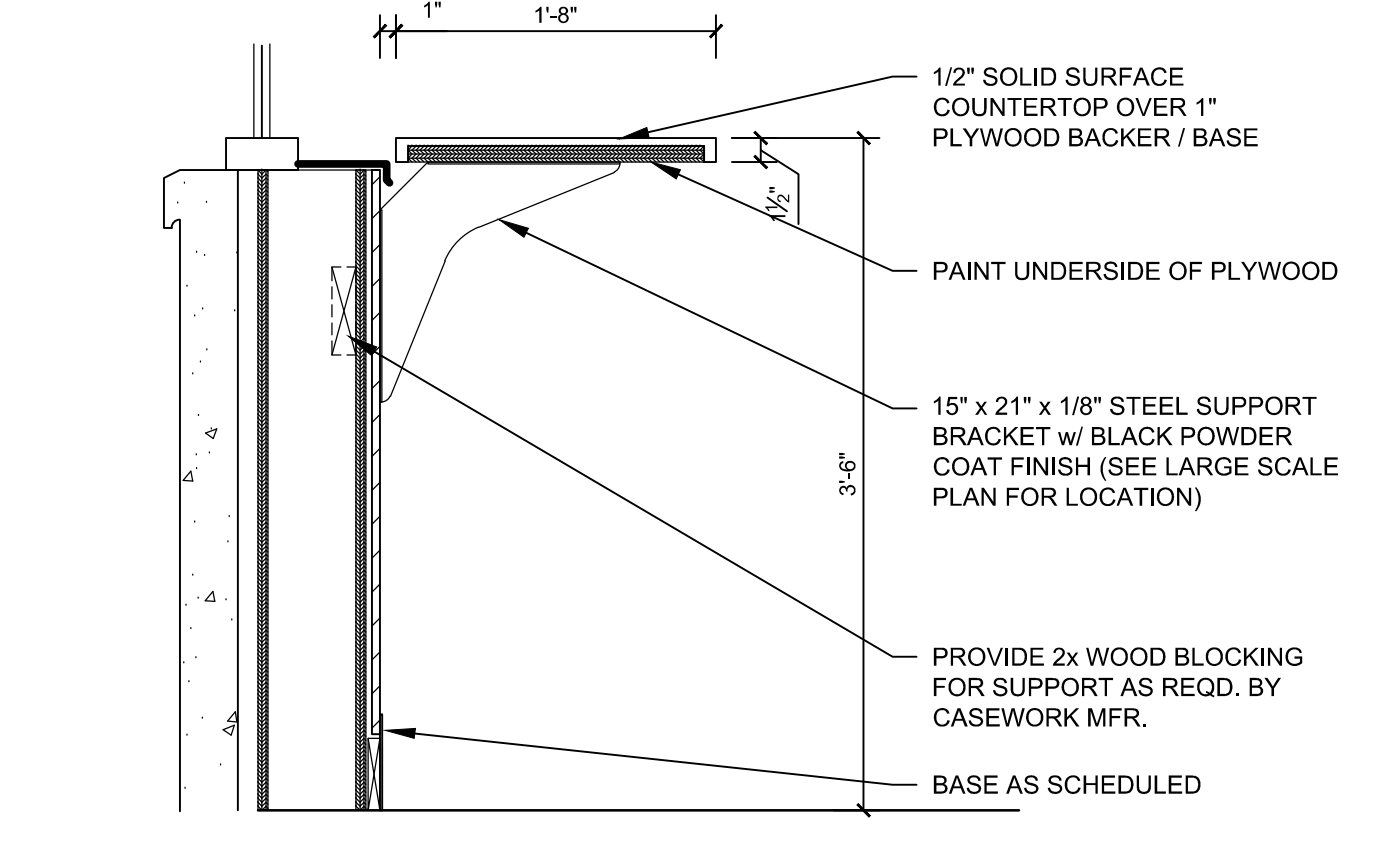
- ALL EXPOSED PLYWOOD ENDS / EDGES TO HAVE 3MM EDGE BANDING TO MATCH THE CABINET COLOR.
- FOR CASEWORK BASE TYPES, REFER TO STORE FINISH SCHEDULE. PROVIDE FINISH BASE AT TOE KICK OF ALL CABINETS.
- AT ALL OPEN CONDITIONS BETWEEN CABINET AND WALL, PROVIDE FILLER TO CLOSE OFF GAP.
- WHERE COUNTERS EXTEND PAST THE BACK OF BASE CABINETS, CASEWORK SUPPLIER TO PROVIDE A CONTINUOUS LEDGER UNDER THE COUNTER ALONG THE WALL.
- COORDINATE PLUMBING FIXTURE CUTOUT AND LOCATION PRIOR TO CUTTING COUNTERS.
- ALL EXPOSED SURFACES SHALL BE FINISHED.
- ALL CLOSURE PANELS AND FILLERS SHALL MATCH CASEWORK.



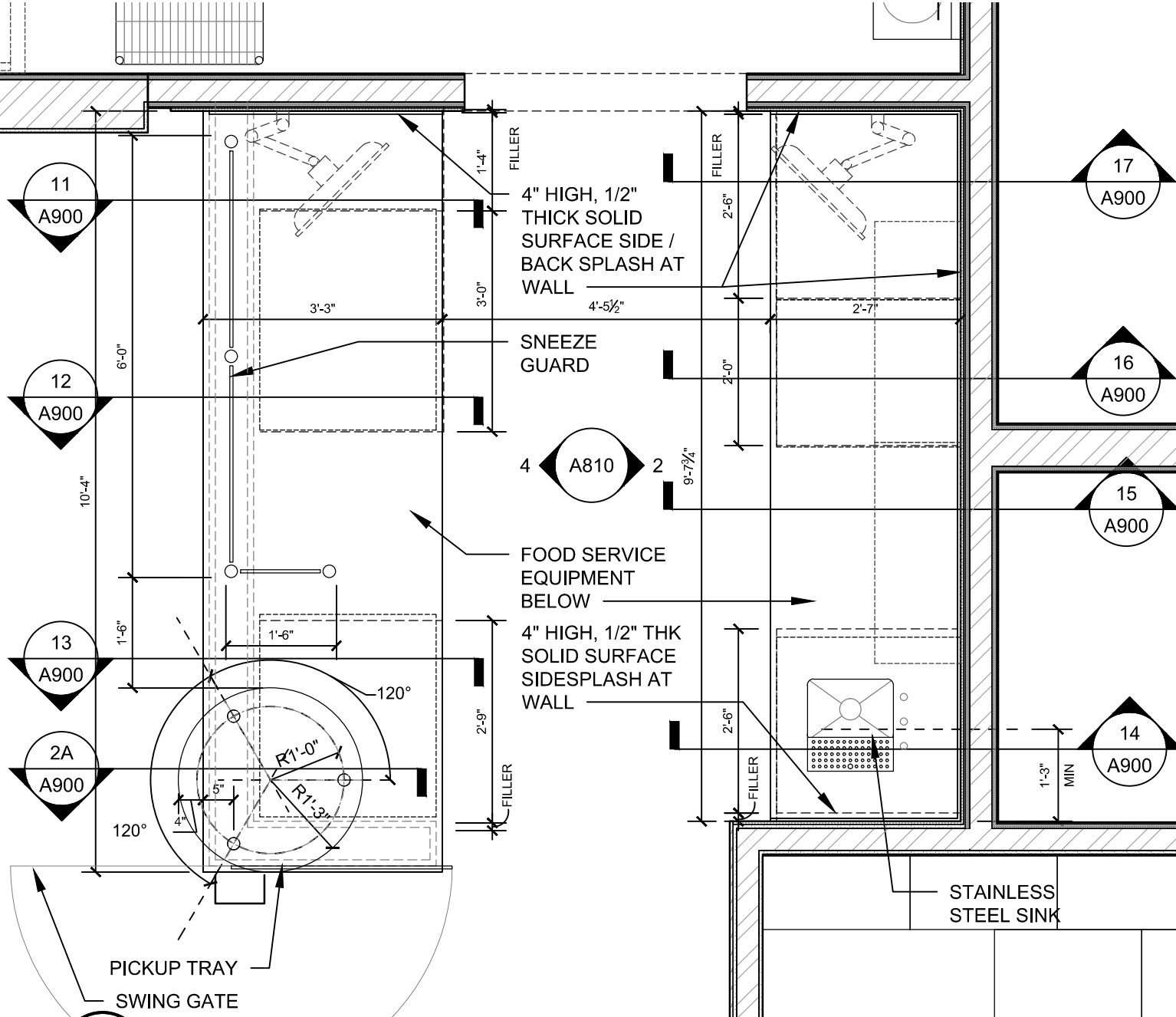
2 CASEWORK PLAN - EXPEDITOR
1/2" = 1'-0"



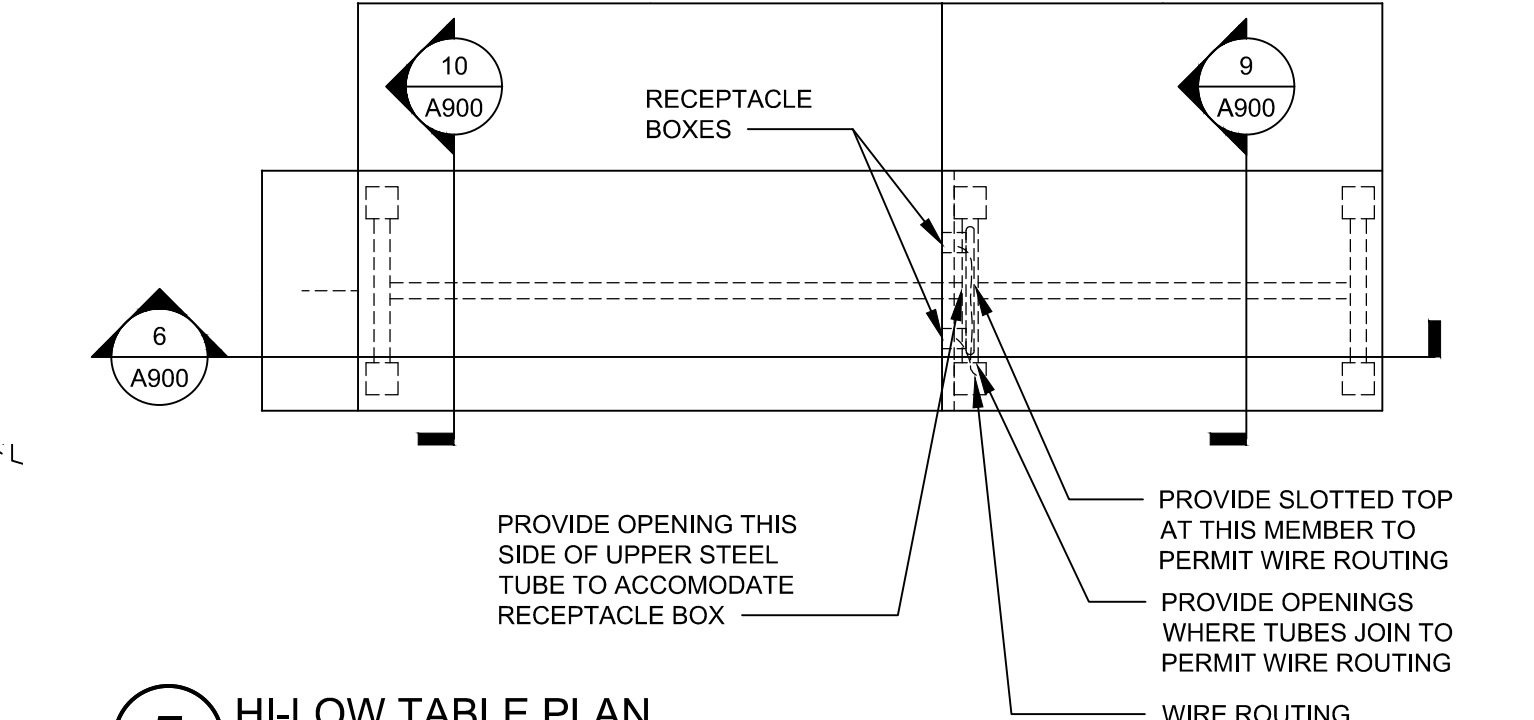
2A PICK UP TRAY DETAIL
1-1/2" = 1'-0"



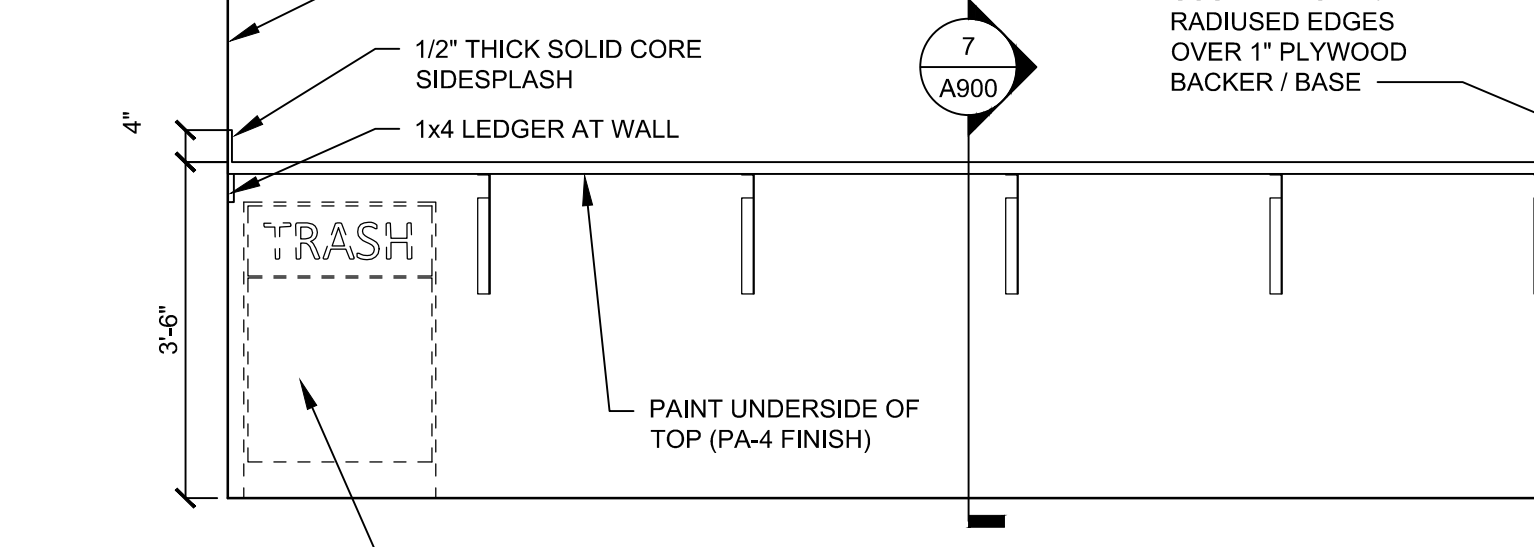
7 CASEWORK SECTION - SEATING AREA
1" = 1'-0"



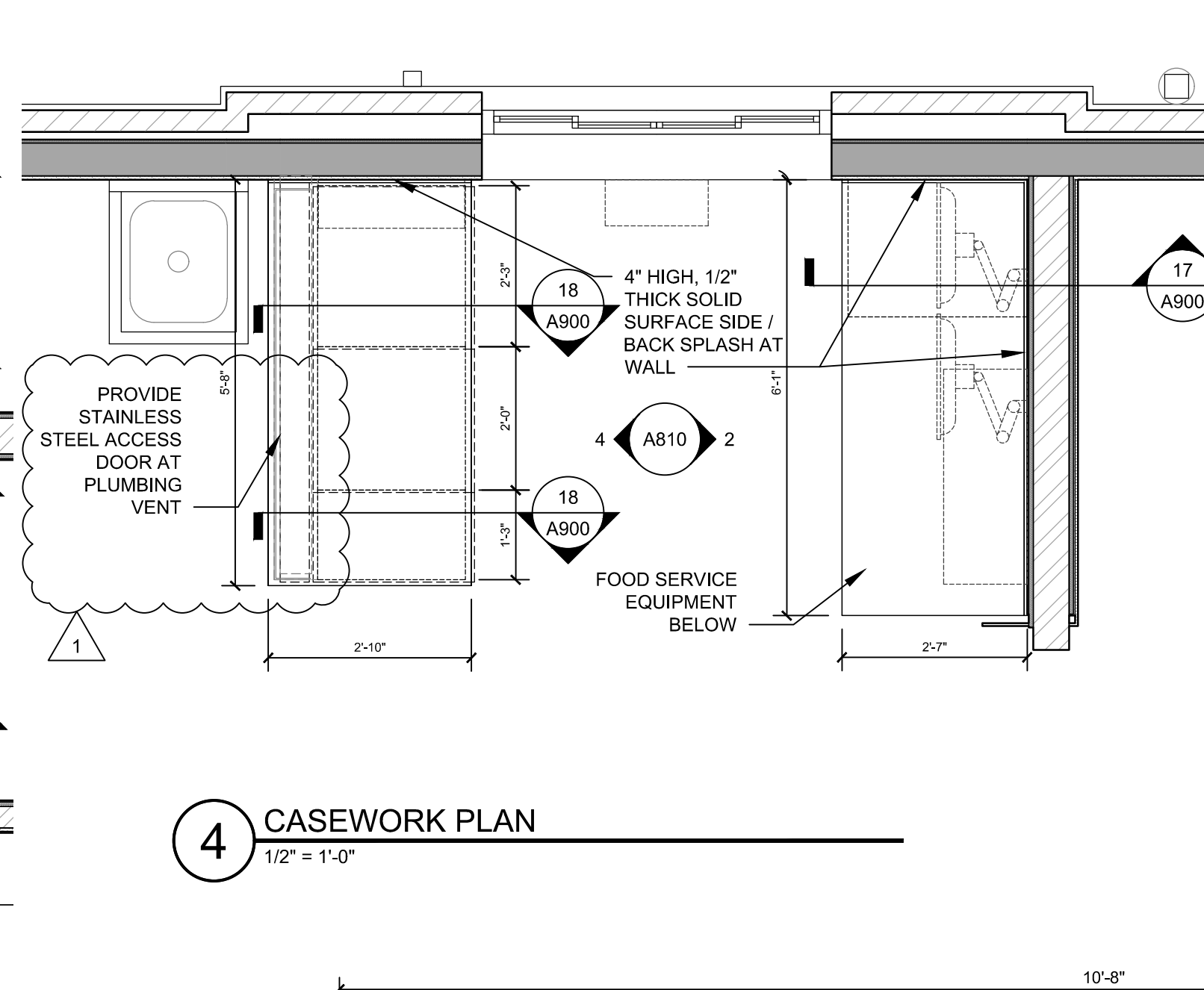
3 CASEWORK PLAN - SBC
1/2" = 1'-0"



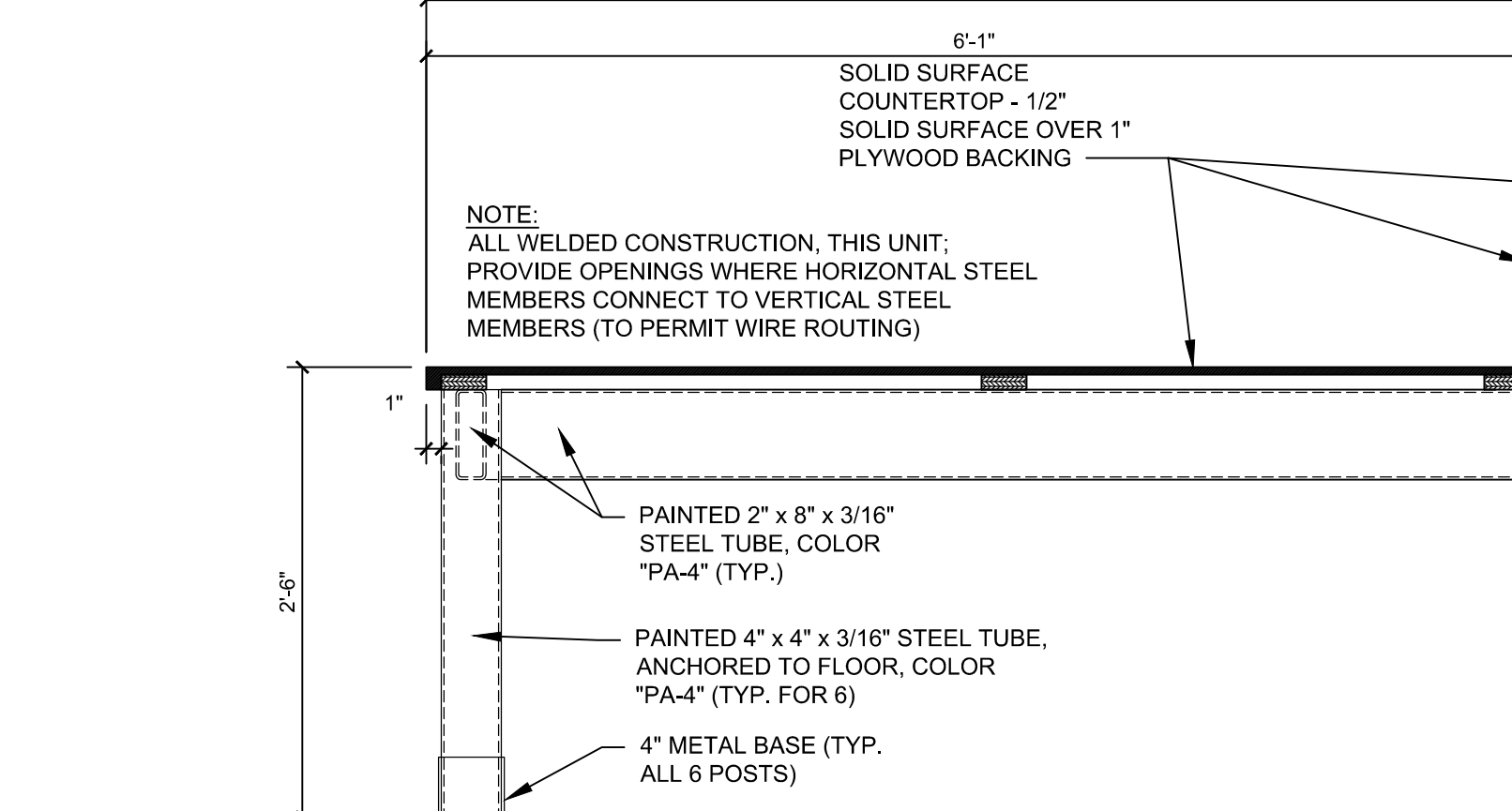
5 HI-LOW TABLE PLAN
1/2" = 1'-0"



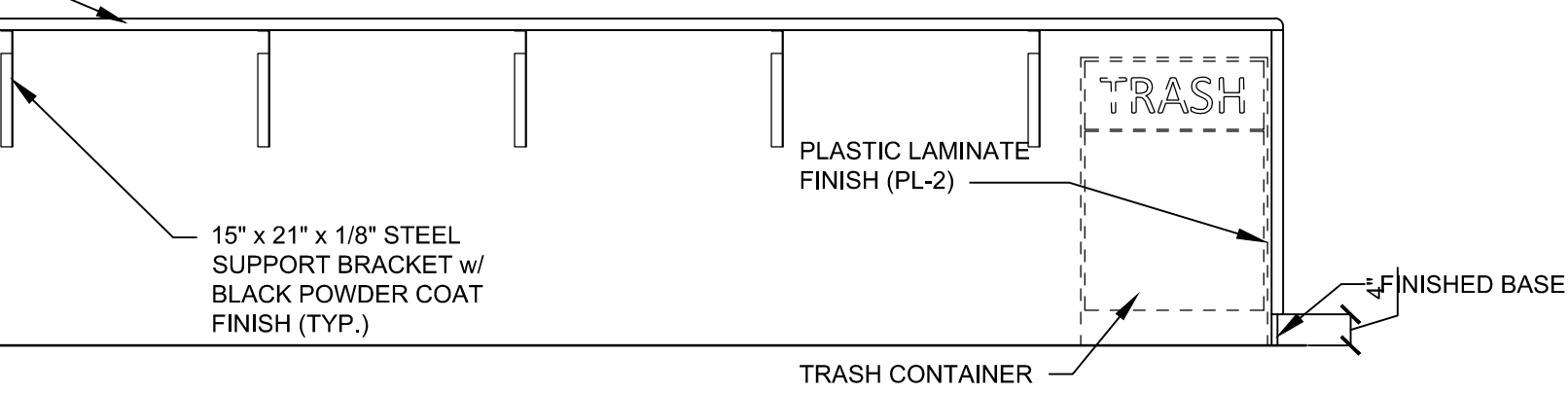
8 CASEWORK ELEVATION - SEATING AREA
1/2" = 1'-0"



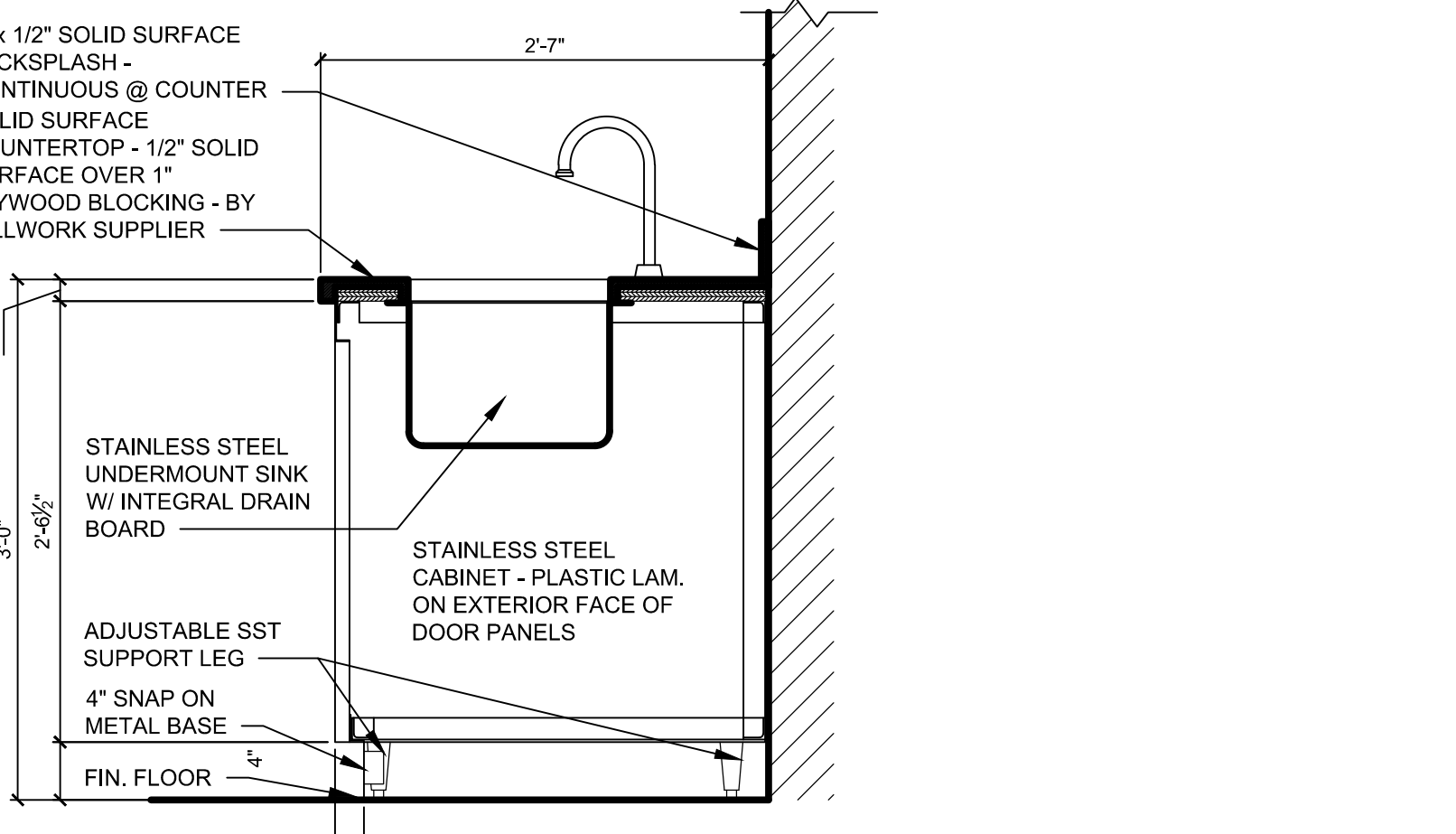
4 CASEWORK PLAN
1/2" = 1'-0"



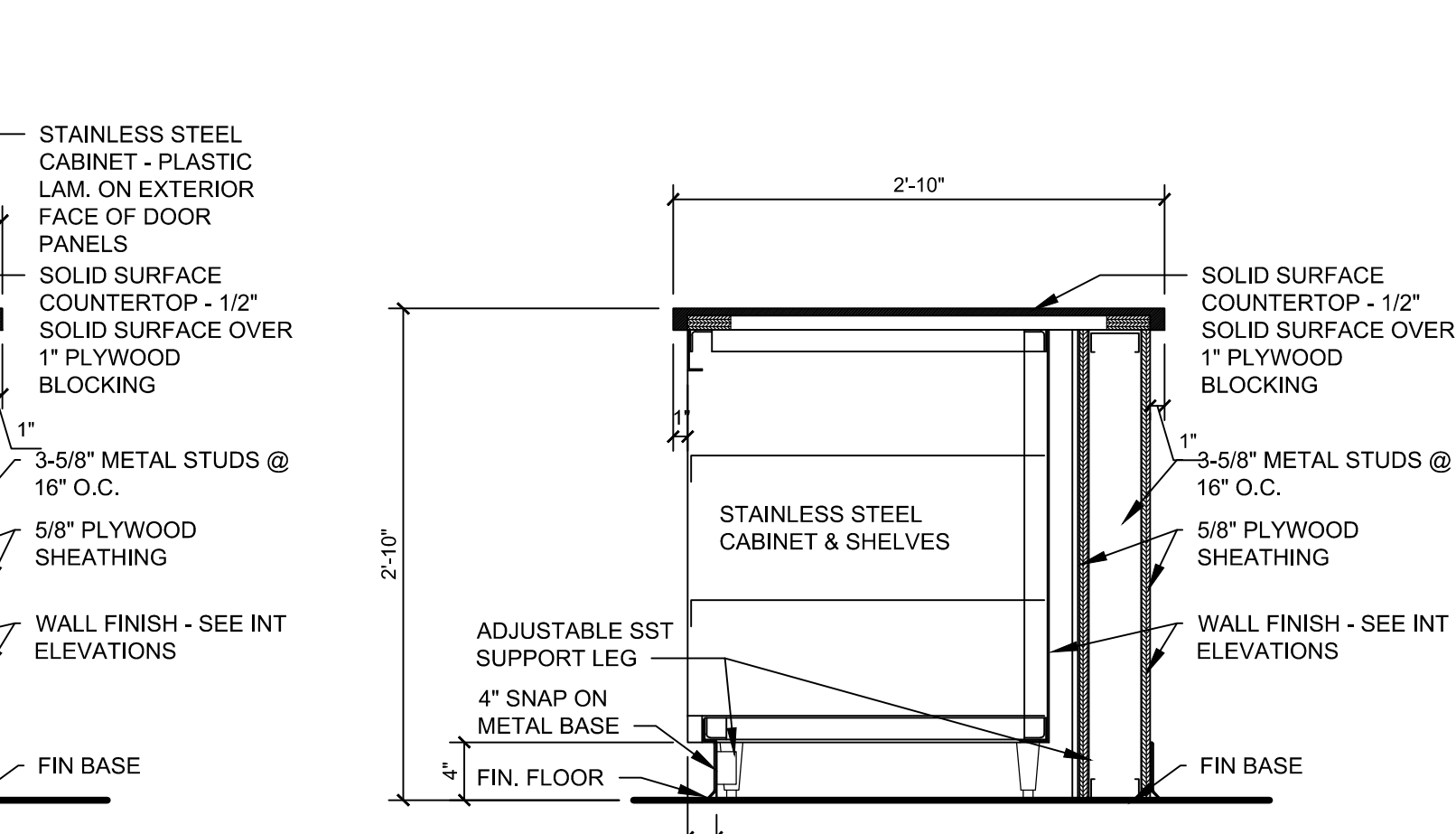
6 HIGH-LOW TABLE SECTION
1" = 1'-0"



10 HIGH-LOW TABLE SECTION
1" = 1'-0"

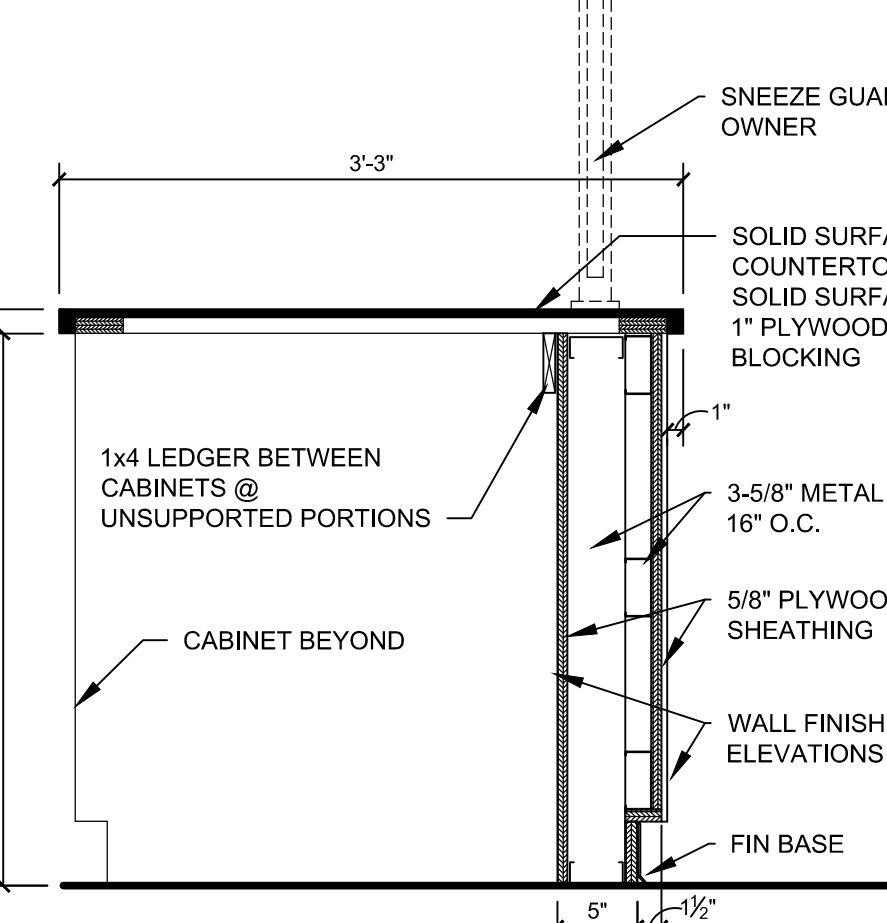


14 CASEWORK SECTION
1" = 1'-0"



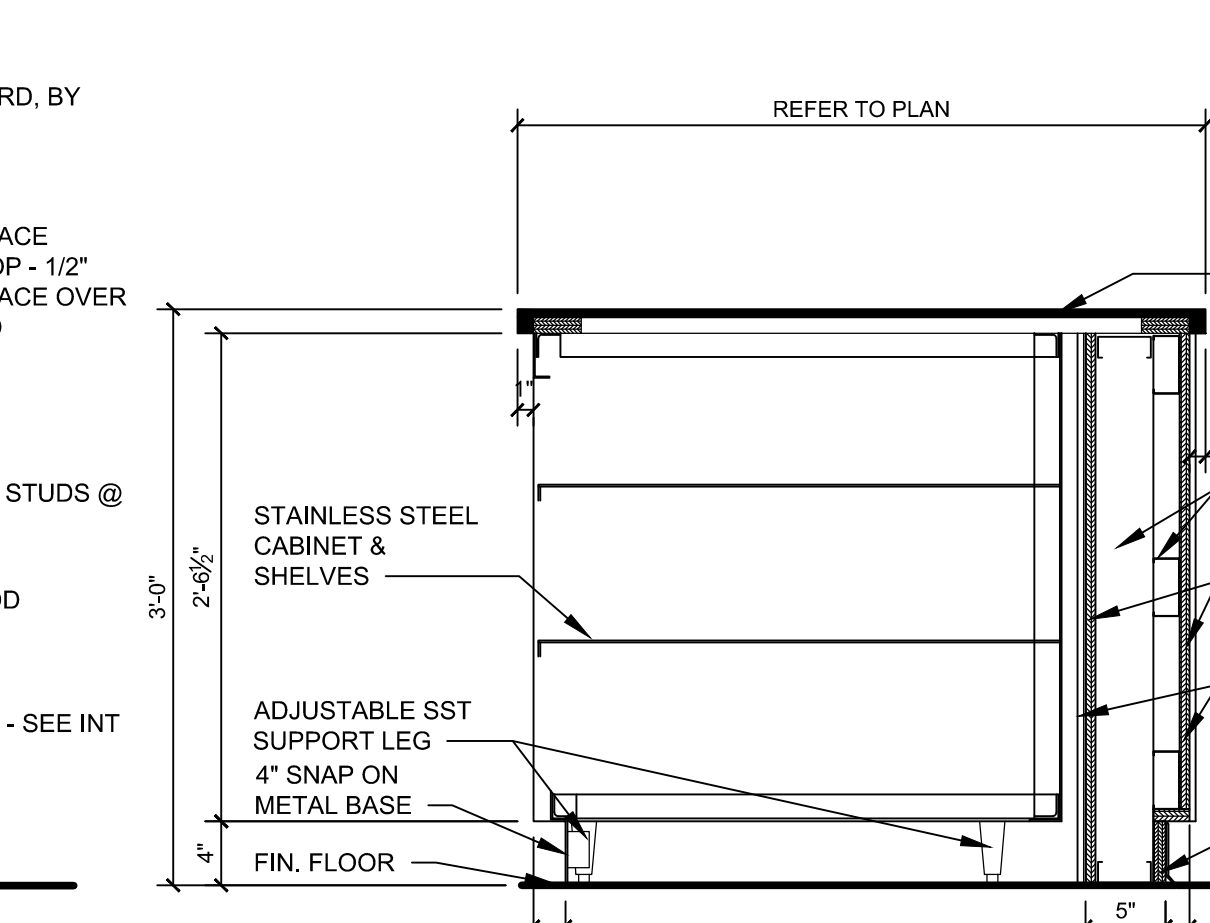
19 CASEWORK SECTION
1" = 1'-0"

1 CASEWORK PLAN - SEATING AREA
1/2" = 1'-0"



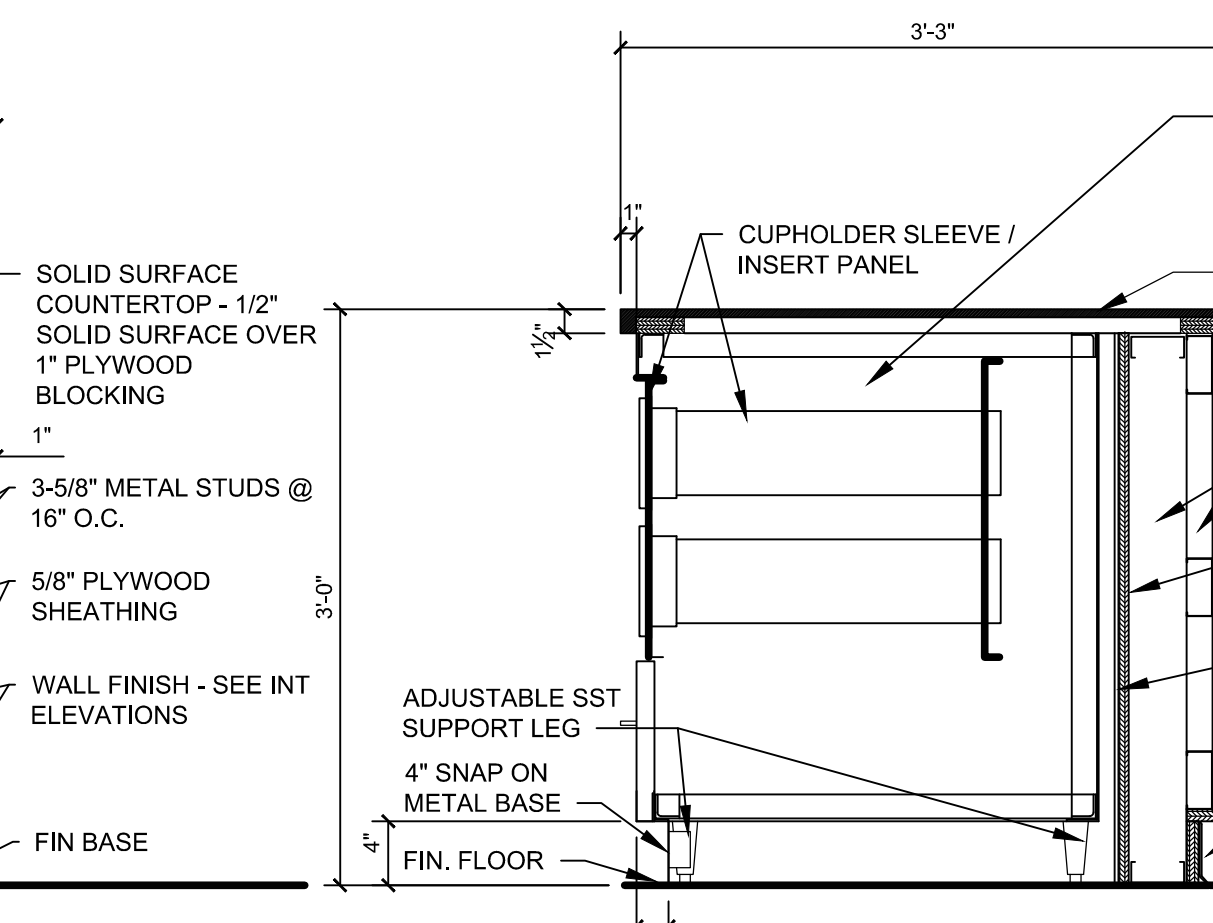
11 CASEWORK SECTION
1" = 1'-0"

7 CASEWORK SECTION - SEATING AREA
1" = 1'-0"



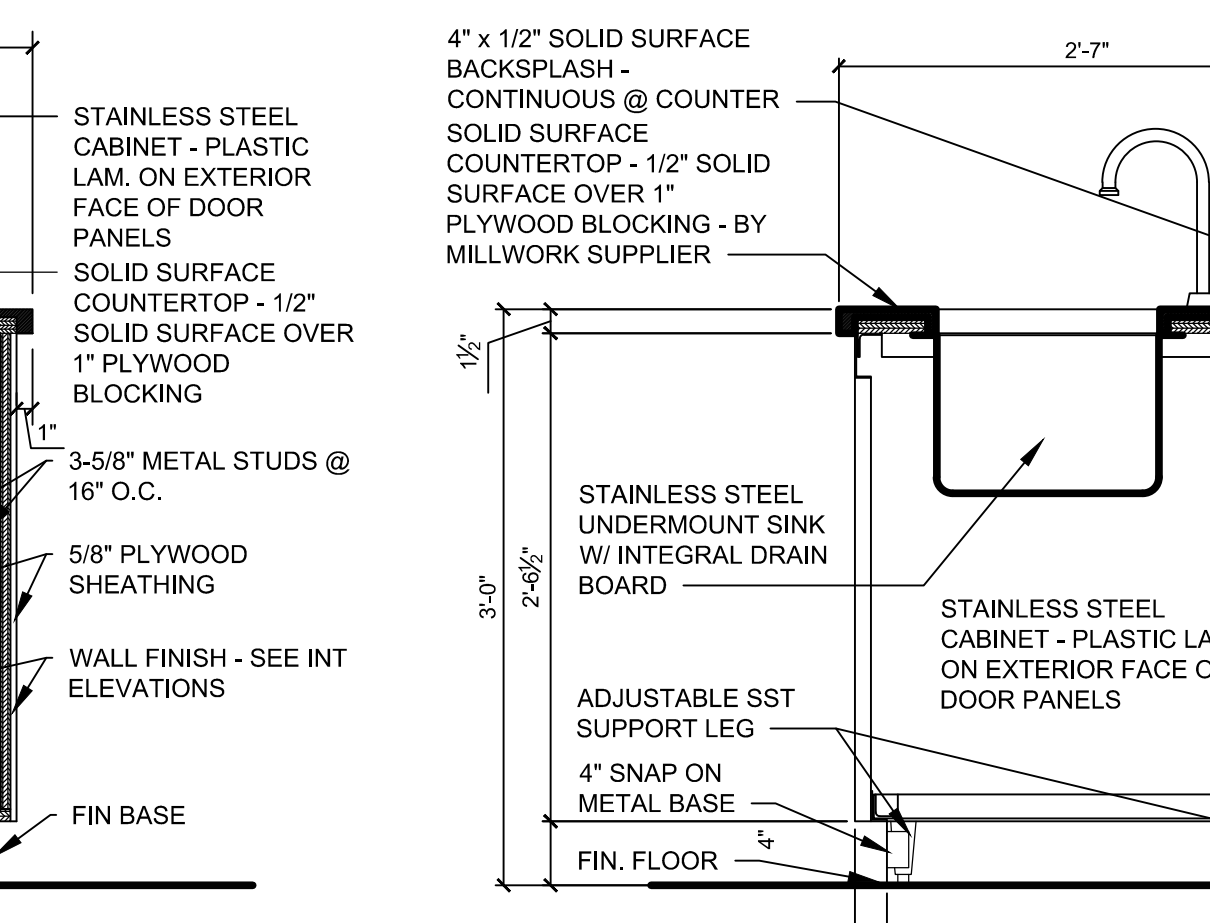
12 CASEWORK SECTION
1" = 1'-0"

8 CASEWORK ELEVATION - SEATING AREA
1/2" = 1'-0"



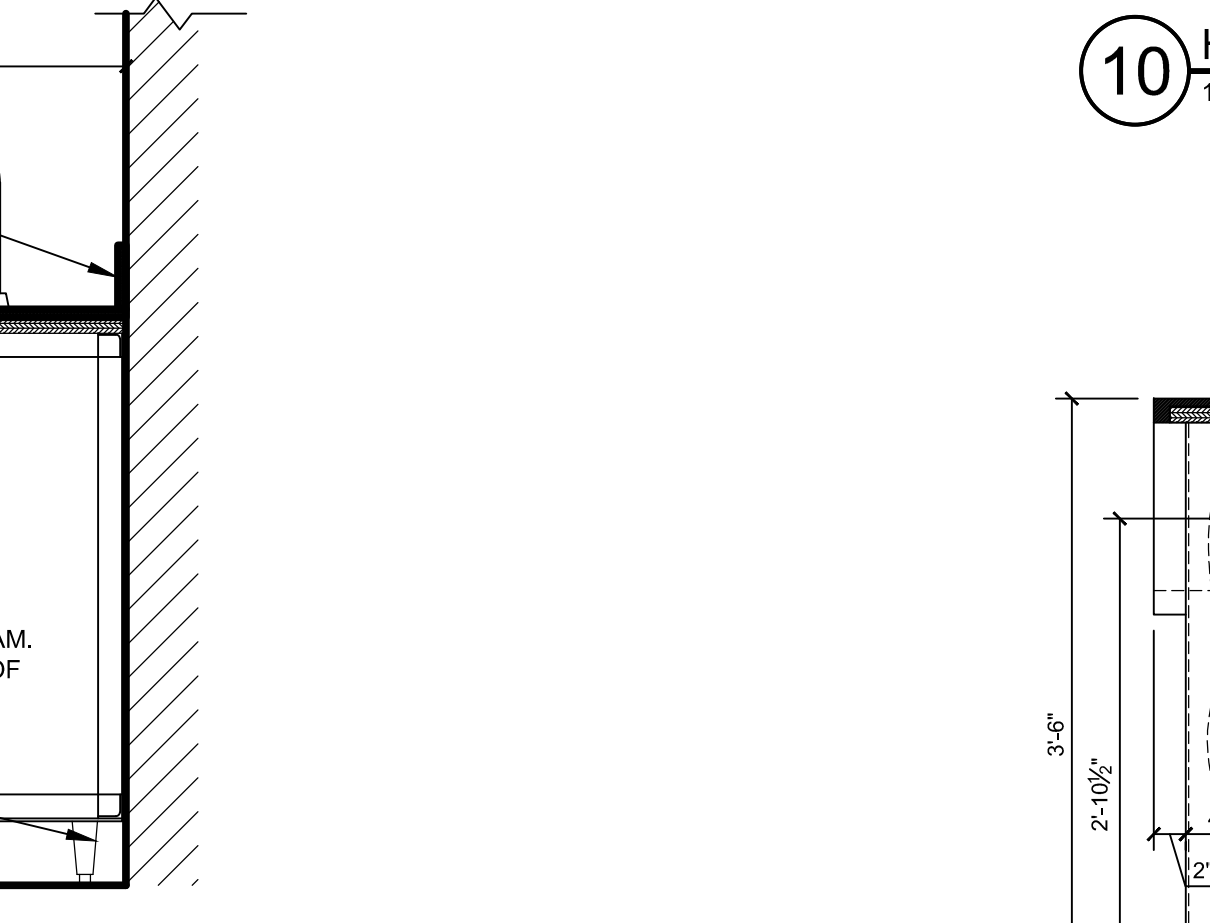
13 CASEWORK SECTION
1" = 1'-0"

14 CASEWORK SECTION. 1\"/>



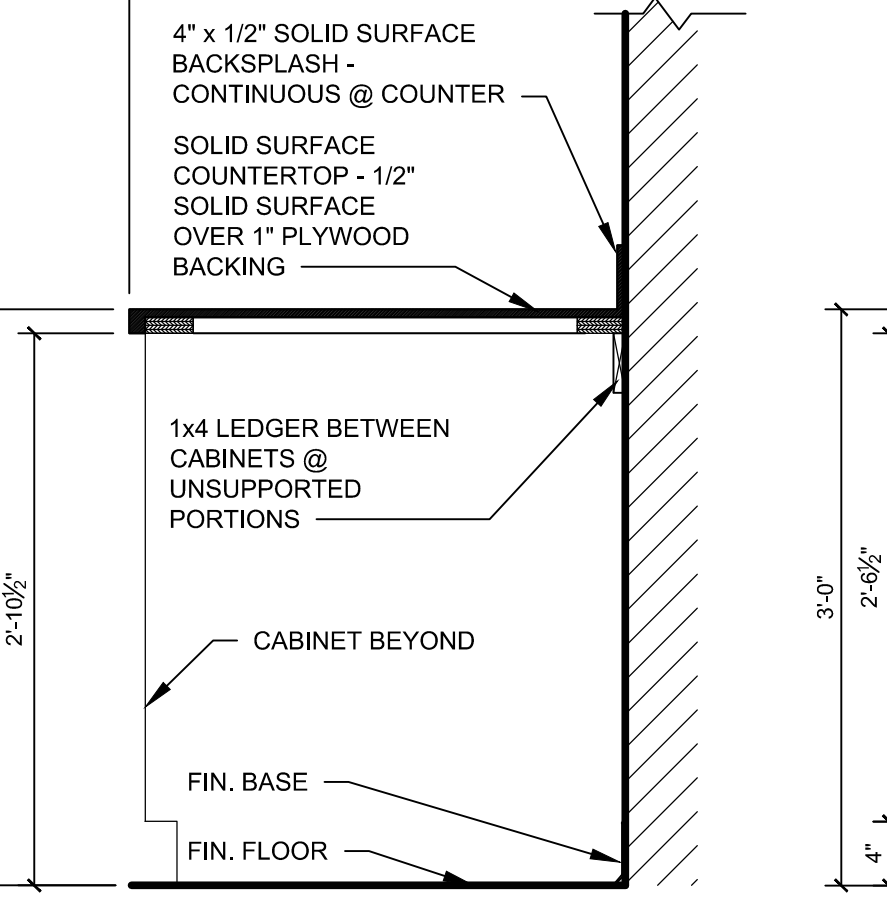
14 CASEWORK SECTION
1" = 1'-0"

10 HIGH-LOW TABLE SECTION
1" = 1'-0"



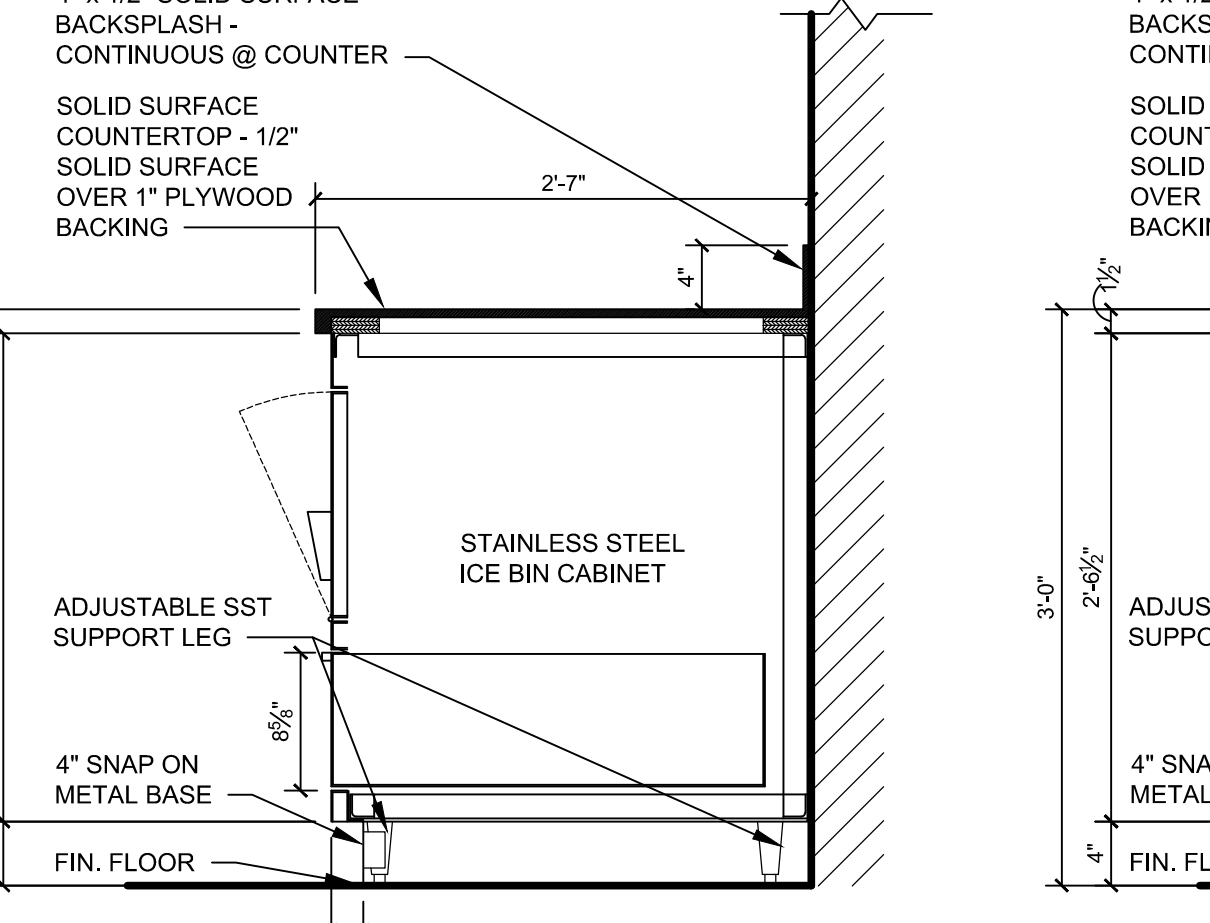
10 HIGH-LOW TABLE SECTION
1" = 1'-0"

11 CASEWORK SECTION
1" = 1'-0"



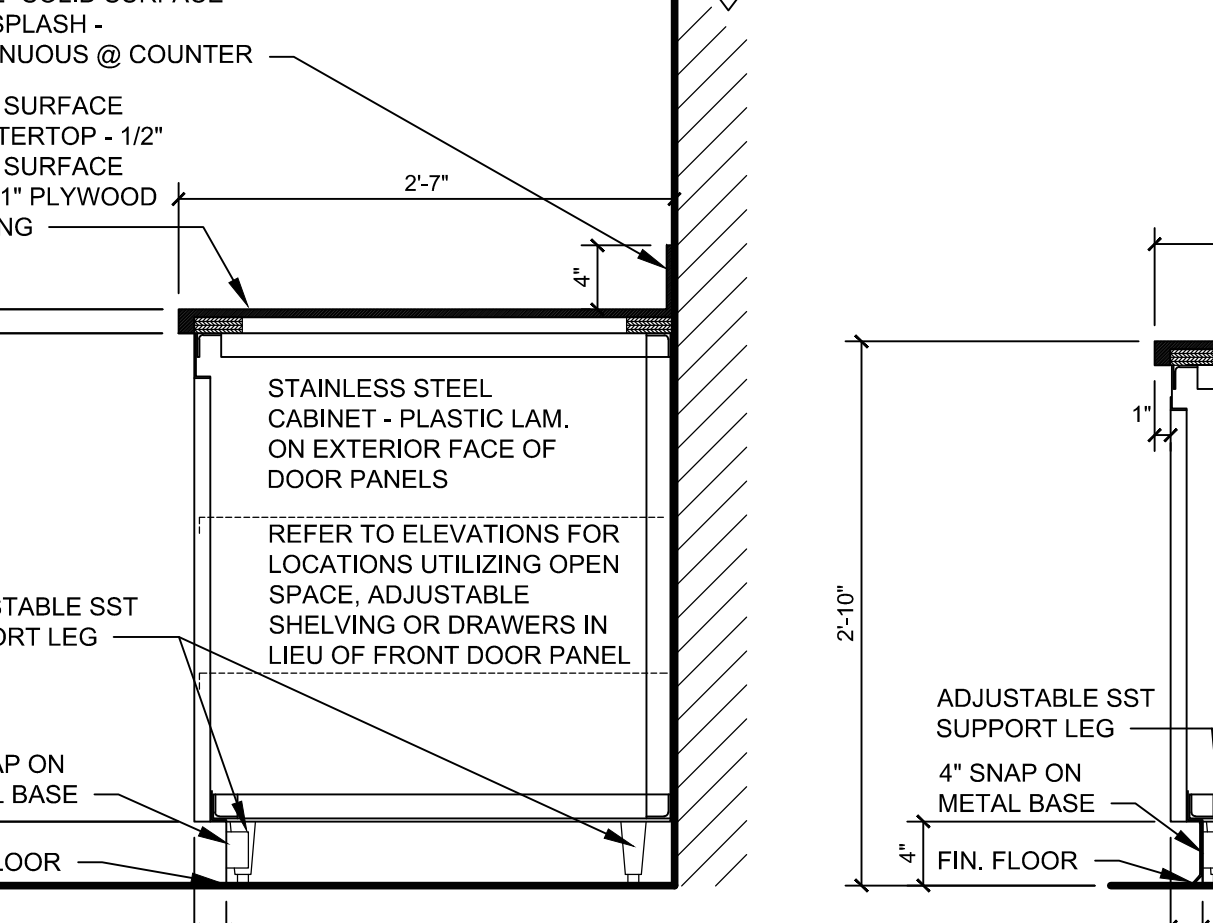
15 CASEWORK SECTION
1" = 1'-0"

12 CASEWORK SECTION
1" = 1'-0"



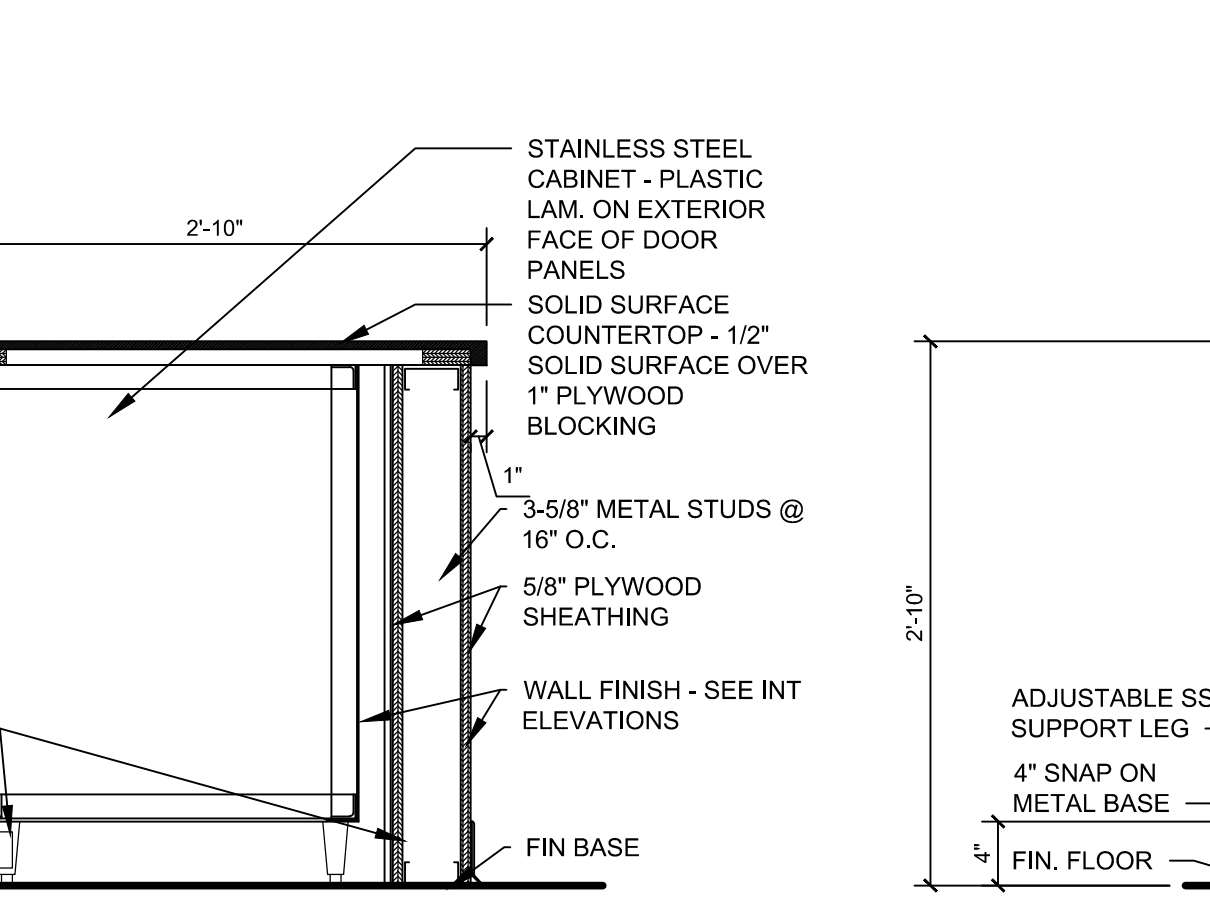
16 CASEWORK SECTION
1" = 1'-0"

13 CASEWORK SECTION
1" = 1'-0"



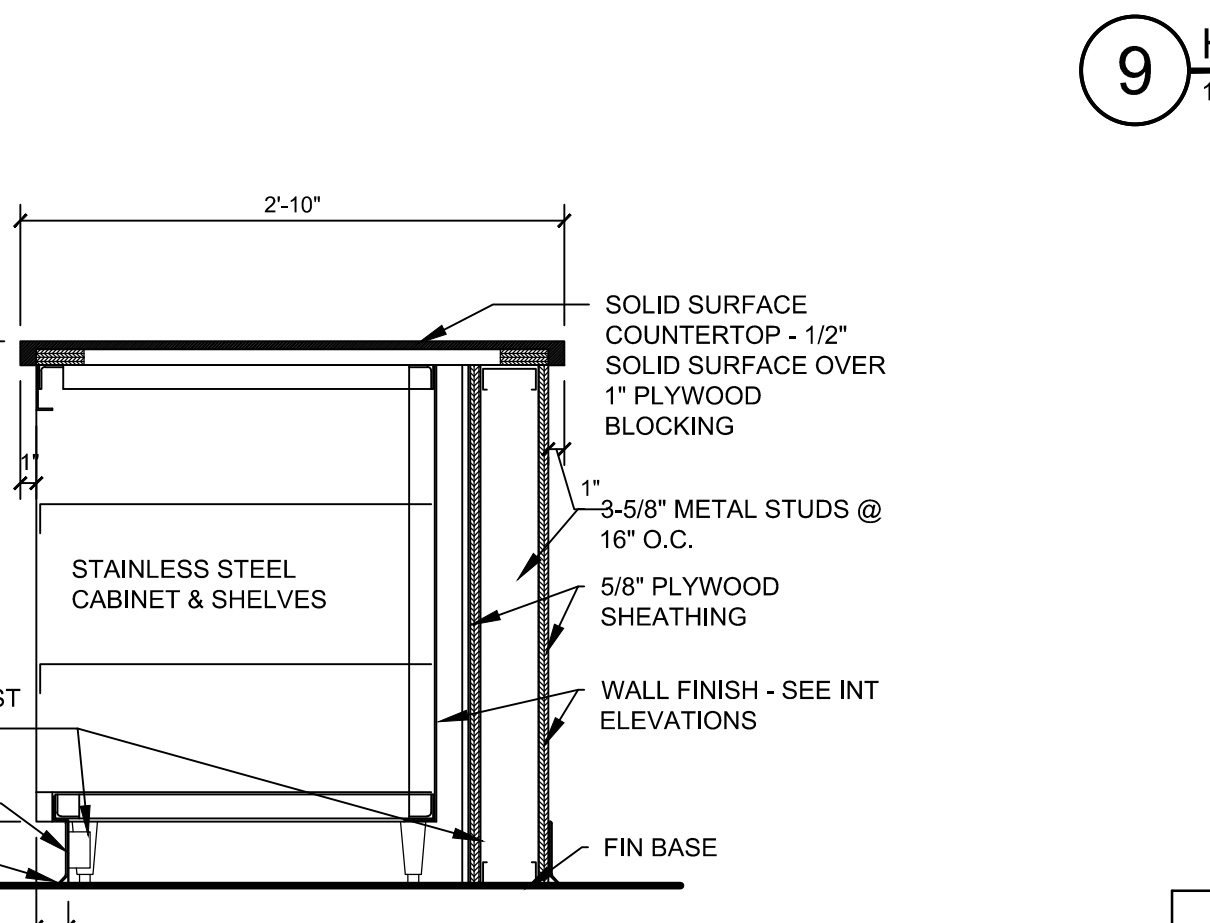
17 CASEWORK SECTION
1" = 1'-0"

14 CASEWORK SECTION
1" = 1'-0"



18 CASEWORK SECTION
1" = 1'-0"

10 HIGH-LOW TABLE SECTION
1" = 1'-0"



19 CASEWORK SECTION
1" = 1'-0"

NOTE:
ALL WALL FRAMING IS BY GC INCLUDING ALL KNEE WALLS AT
KITCHEN, CHECKSTAND, SBC, ETC.

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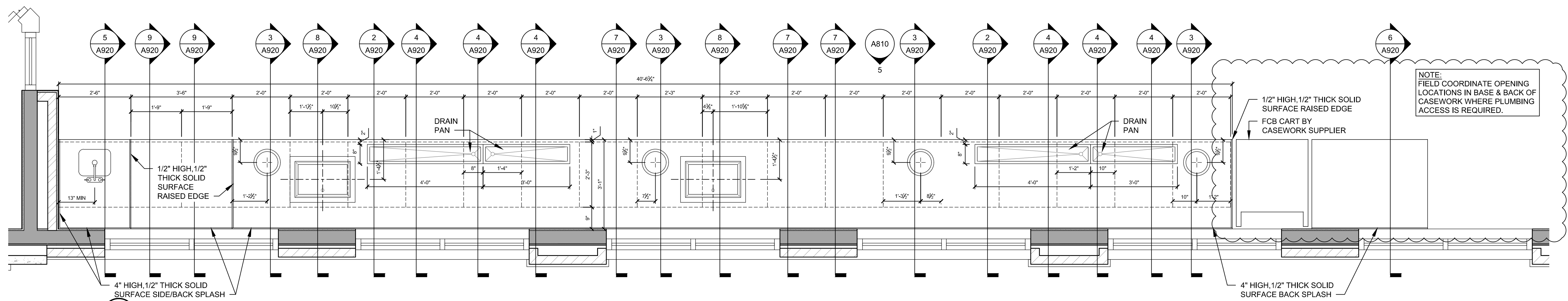
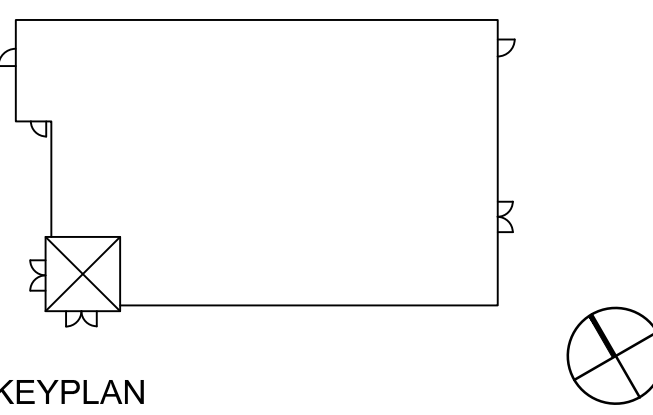
COLUMBUS 274 MARCON BLVD
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RALEIGH 150 FAYETTEVILLE ST
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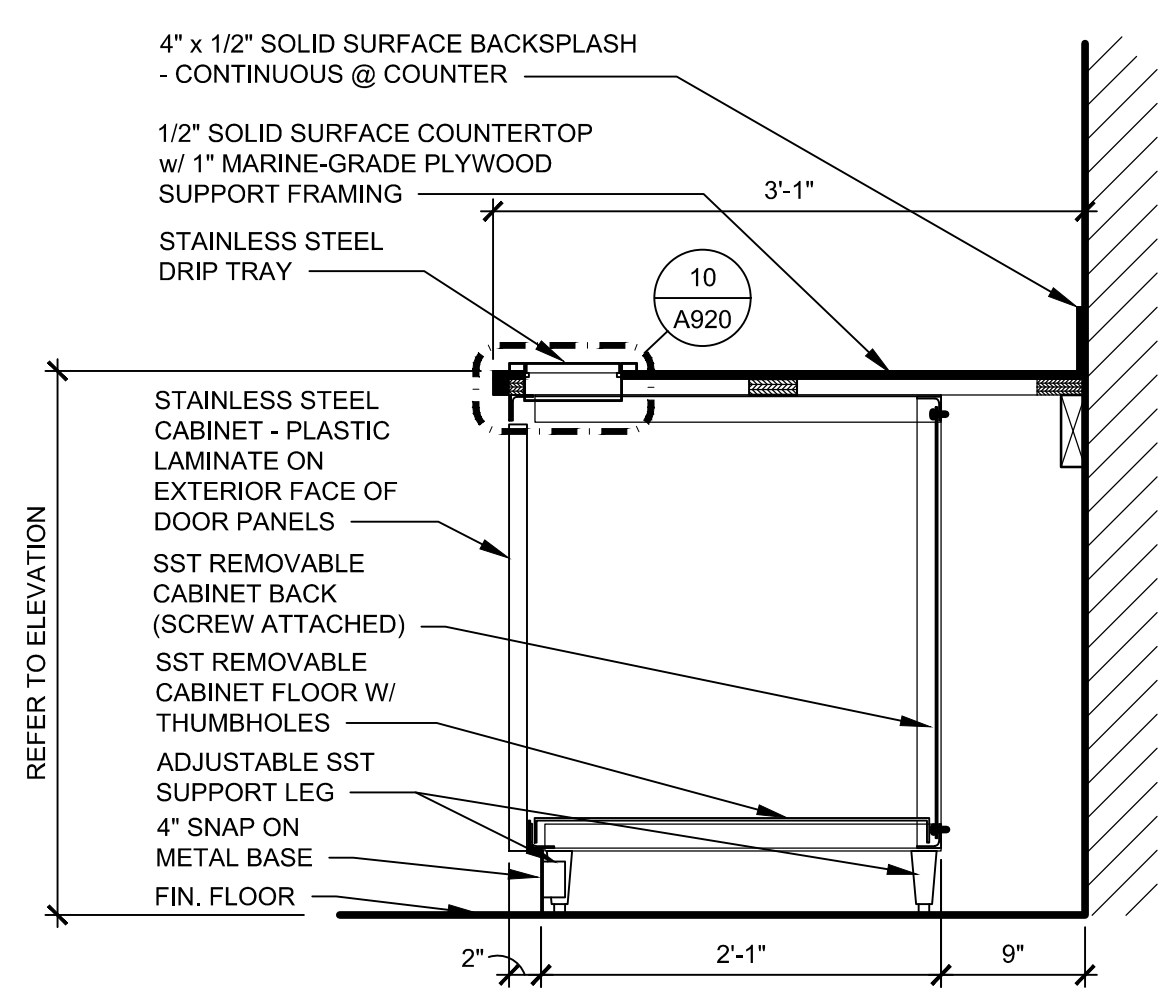
CONSULTANT



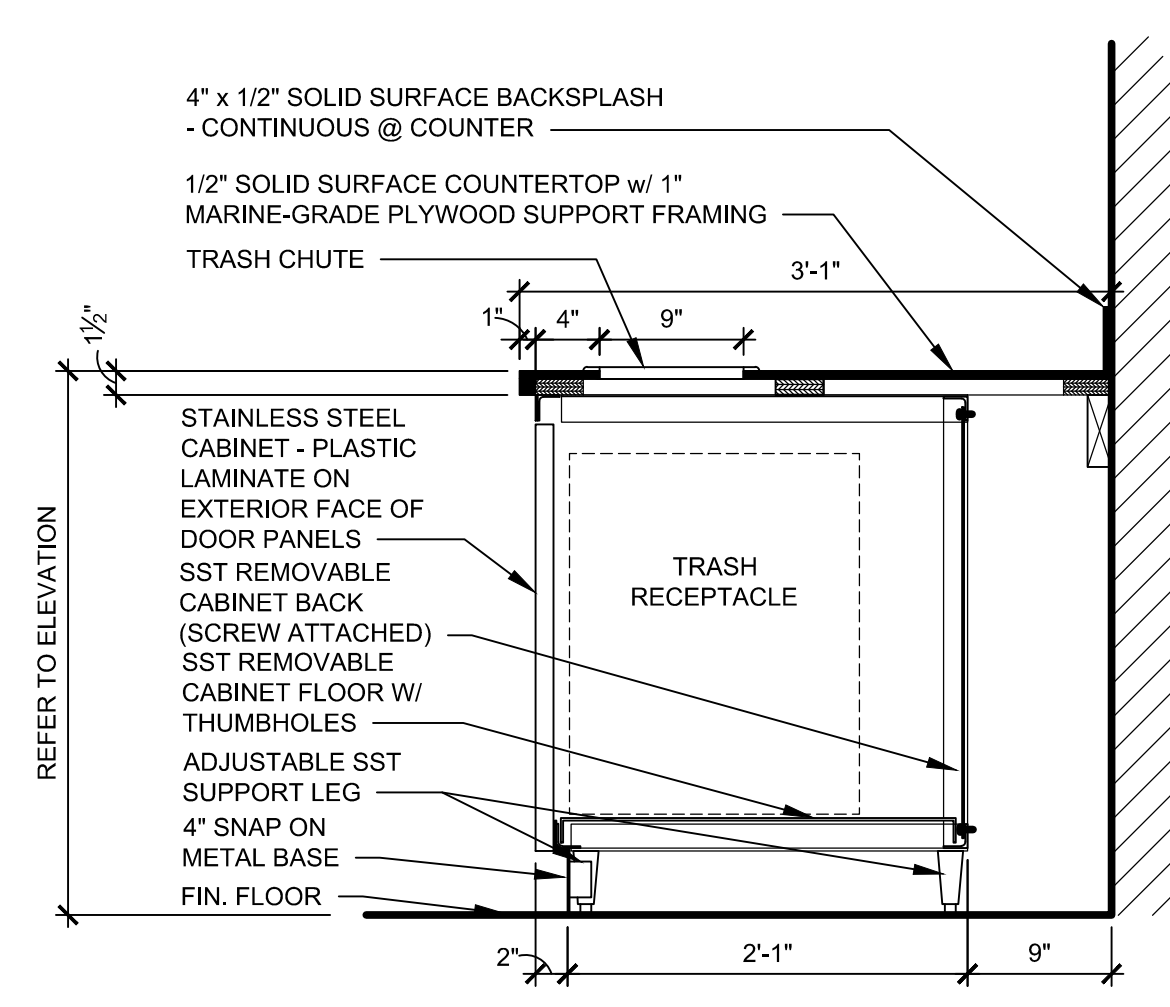
PROFESSIONAL



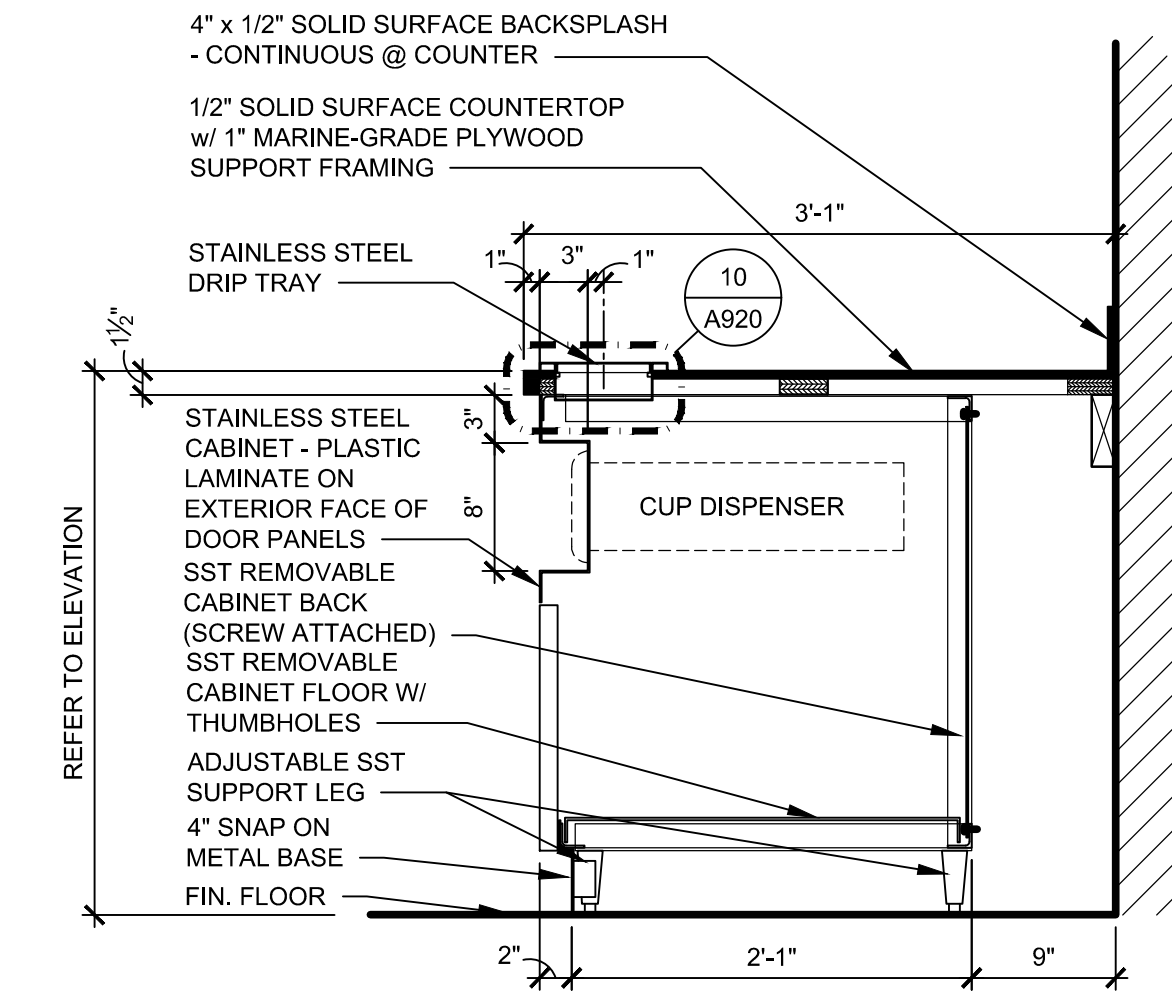
1 BEVERAGE COUNTER
1/2" = 1'-0"



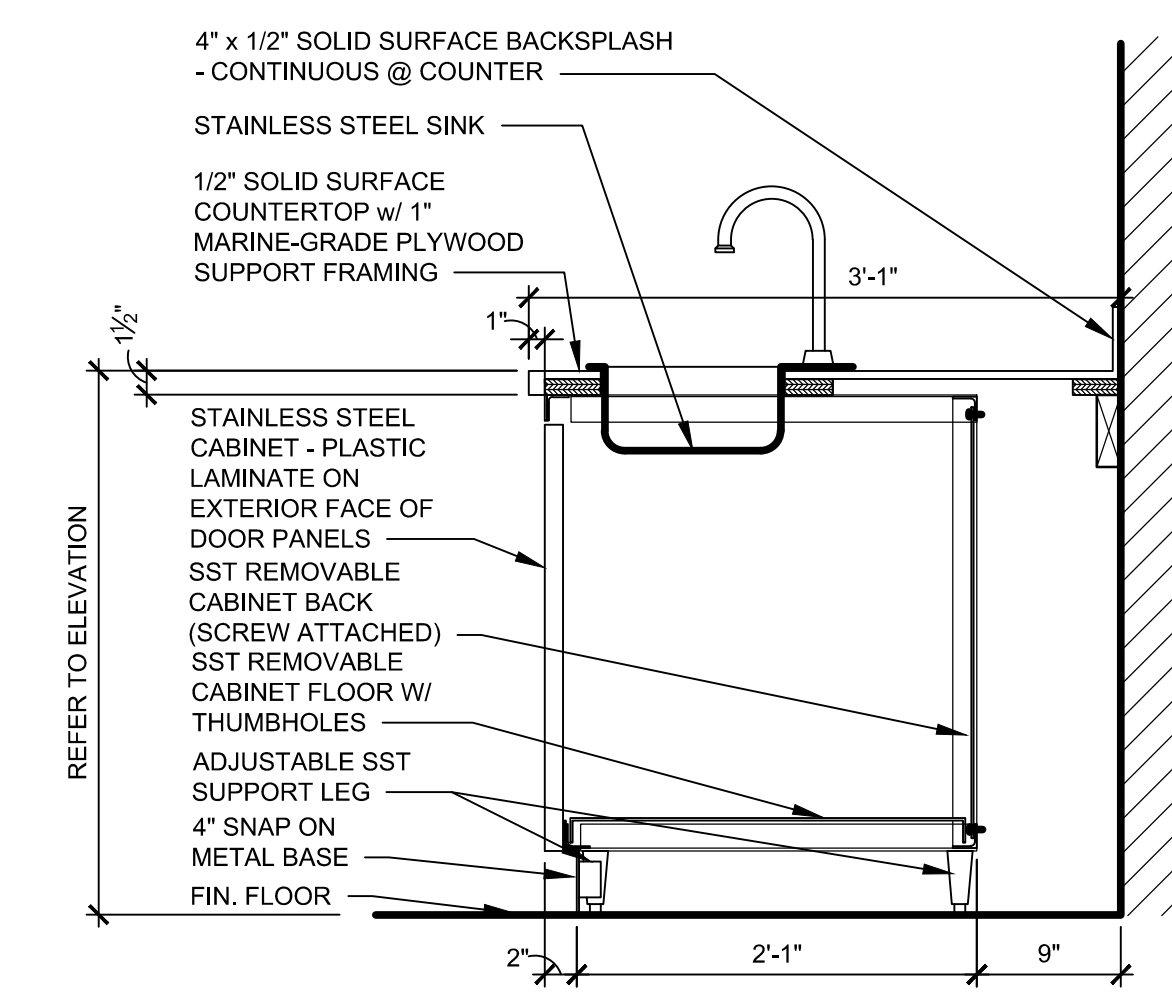
2 CASEWORK SECTION
1" = 1'-0"



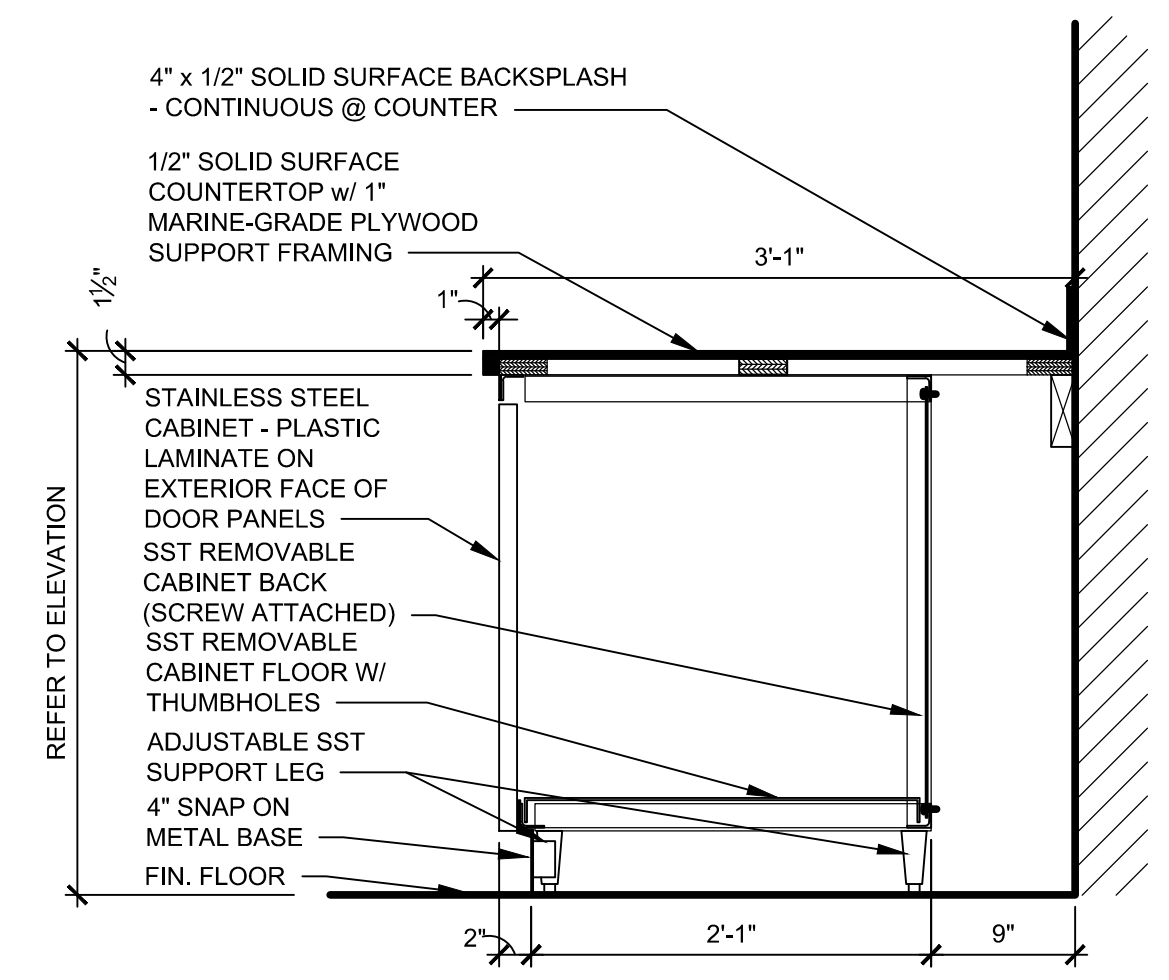
3 CASEWORK SECTION
1" = 1'-0"



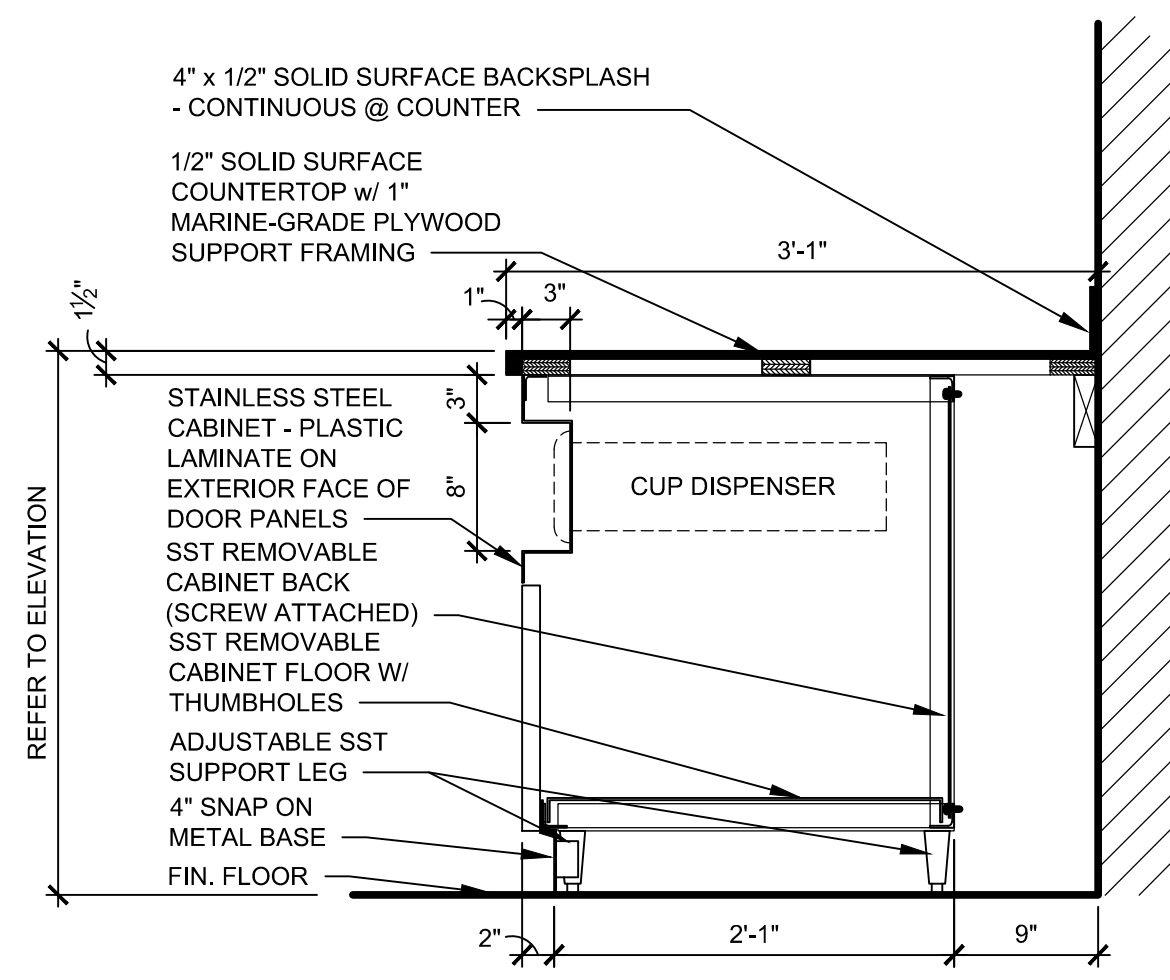
4 CASEWORK SECTION
1" = 1'-0"



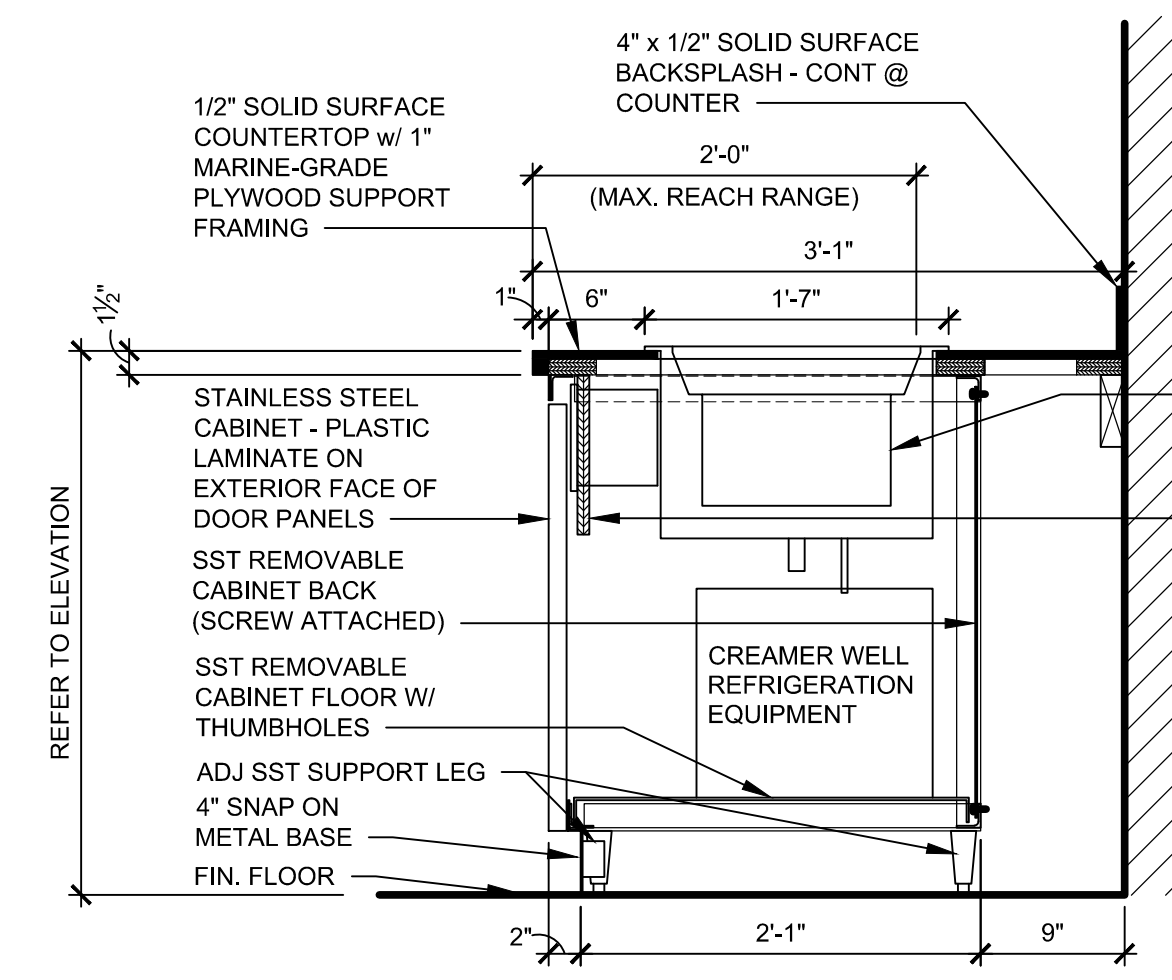
5 CASEWORK SECTION
1" = 1'-0"



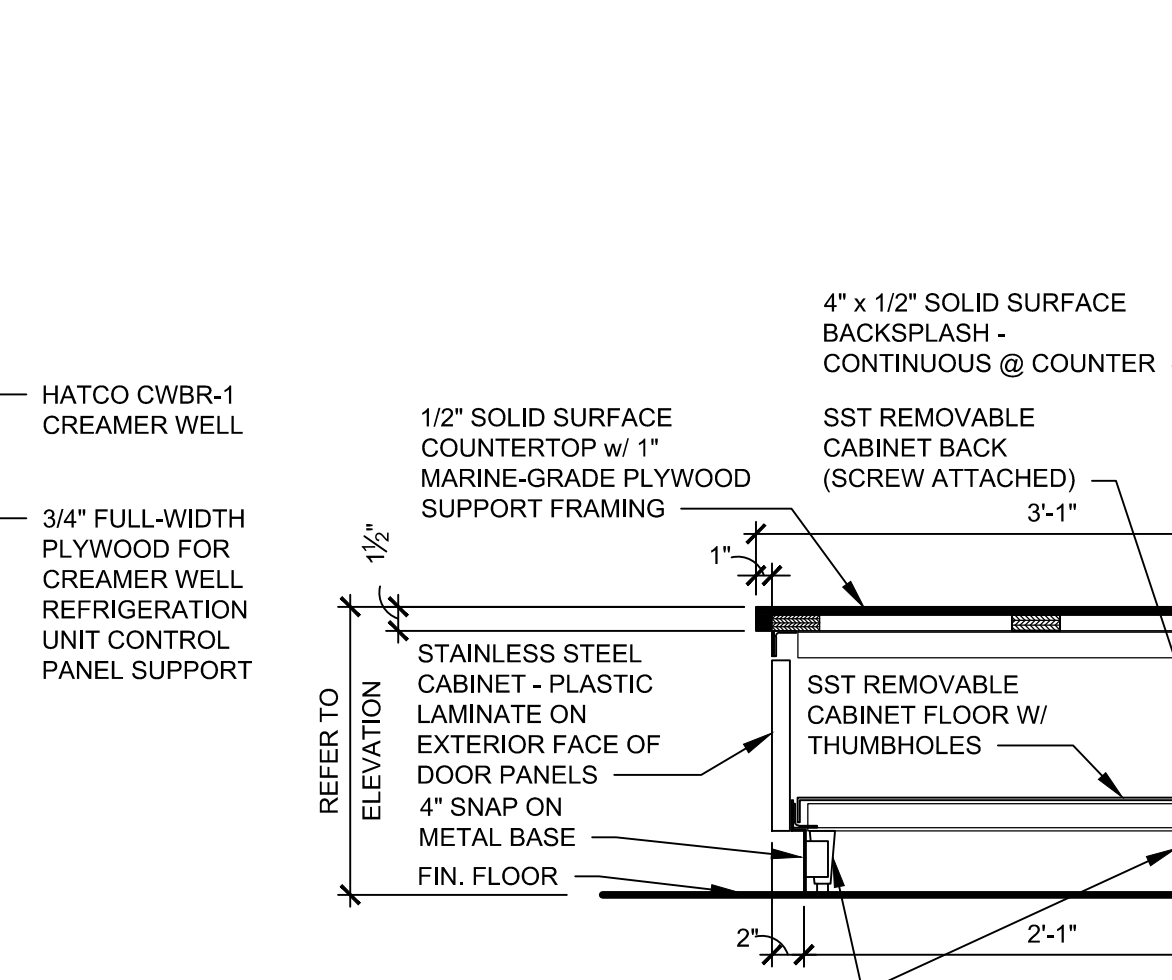
6 CASEWORK SECTION
1" = 1'-0"



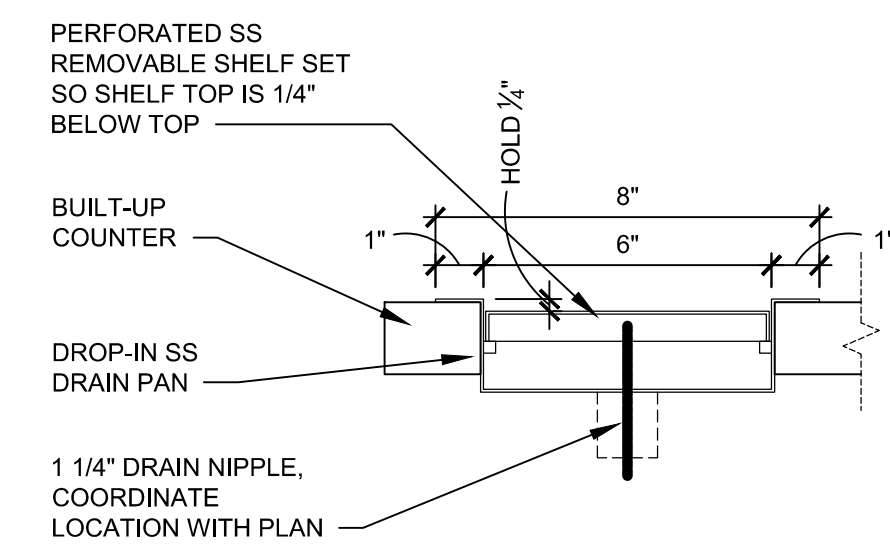
7 CASEWORK SECTION
1" = 1'-0"



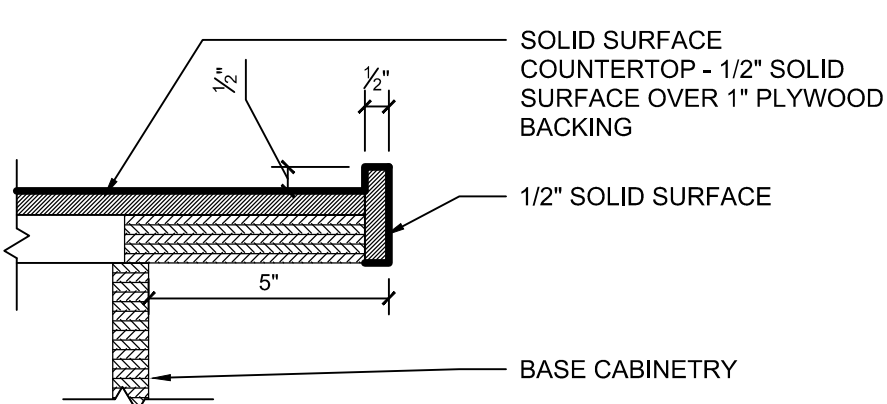
8 CASEWORK SECTION
1" = 1'-0"



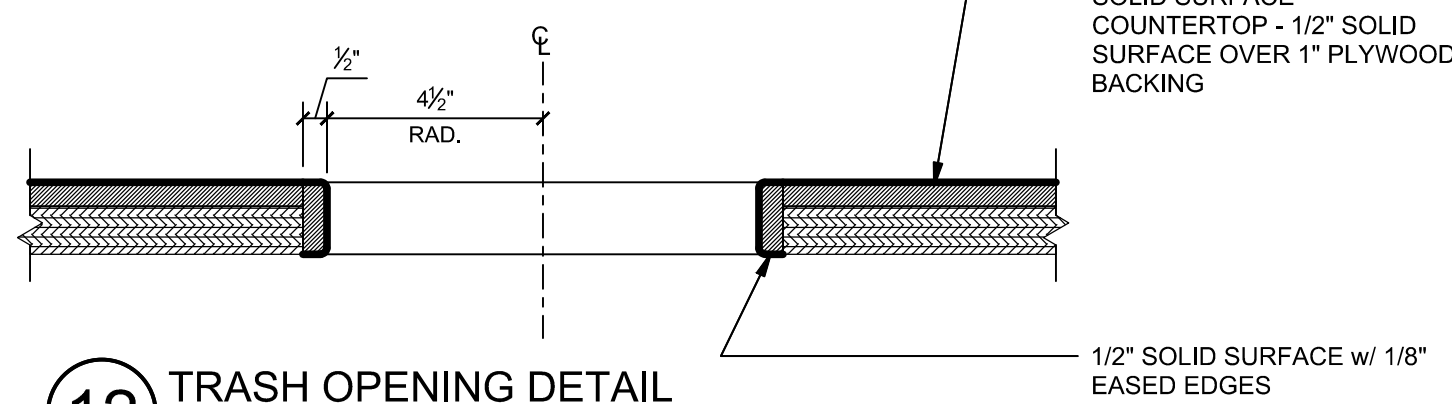
9 CASEWORK SECTION
1" = 1'-0"



10 DETAIL AT DRAIN TRAY
3" = 1'-0"



11 REAR DRIP EDGE DETAIL
3" = 1'-0"



12 TRASH OPENING DETAIL
3" = 1'-0"

ISSUE:	2-8-21
PROJECT NO:	SHZ02.35
AUTHOR BY:	AJP
REVIEW BY:	MJP
SHEET TITLE	

CASEWORK PLANS,
ELEVATIONS & DETAILS

A920

MARK	DATE	ADDENDUM #1	DESCRIPTION
1	3/5/21		

PLUMBING NOTES

- 1. THE DRAWINGS ARE INTENDED TO COVER SYSTEMS WHICH WILL FIT THE AVAILABLE SPACE, WHICH WILL NOT INTERFERE WITH THE GENERAL STRUCTURAL DESIGN. CAREFULLY EXAMINE THE DRAWINGS FOR ALL BRANCHES OF WORK AND BE RESPONSIBLE FOR THE PROPER FITTING OF MATERIAL AND APPARATUS INTO THE BUILDING. COORDINATE THE EXACT LOCATION OF EQUIPMENT AND EQUIPMENT CONNECTIONS WITH THE ARCHITECT AND EQUIPMENT SUPPLIER.
2. ALL COMPONENTS USED IN THE DOMESTIC WATER SYSTEM SHALL BE LEAD FREE AND SHALL CONFORM TO THE SAFE DRINKING WATER ACT, AS AMENDED 01-04-2011, SECTION 1417.
3. INSTALLATION SHALL BE PERFORMED IN ACCORDANCE WITH THE 2018 NORTH CAROLINA PLUMBING CODE, LOCAL AMENDMENTS, AND ALL OTHER APPLICABLE REGULATIONS.
4. GIVE ALL NECESSARY NOTICES, OBTAIN ALL PERMITS, AND PAY ALL COSTS IN CONNECTION WITH THE WORK. FILE ALL NECESSARY PLANS, PREPARE ALL DOCUMENTS AND OBTAIN ALL NECESSARY APPROVALS OF ALL REGULATING AUTHORITIES HAVING JURISDICTION. OBTAIN ALL REQUIRED CERTIFICATES OF INSPECTION FOR WORK AND DELIVER SAME TO ARCHITECT BEFORE REQUEST FOR ACCEPTANCE AND FINAL PAYMENT FOR WORK.
5. DRAWINGS ARE DIAGRAMMATIC IN NATURE. SIZES AND LOCATIONS OF PIPING ARE INDICATED, BUT IT IS NOT INTENDED TO SHOW EVERY OFFSET OR FITTING OR EVERY STRUCTURAL DIFFICULTY THAT MAY BE ENCOUNTERED DURING INSTALLATION OF THE WORK. THE ALIGNMENT OF PIPING SHALL BE VARIED FROM THAT INDICATED ON THE DRAWINGS WITHOUT EXTRA EXPENSE TO THE OWNER WHERE NECESSARY TO AVOID STRUCTURAL OR MECHANICAL DIFFICULTIES, OR TO AVOID THE WORK OF ANY OTHER TRADES.
6. CHECK AND VERIFY ALL DIMENSIONS, SITE CONDITIONS, DRAWINGS AND SPECIFICATIONS. REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT AT ONCE.
7. PERFORM LABOR IN A THOROUGH AND COMPLETE WORKMANLIKE MANNER AND WITH ALL REASONABLE RAPIDITY TO THE SATISFACTION OF THE ARCHITECT.
8. PERFORM ALL NECESSARY EXCAVATION, SHORING AND BACKFILLING REQUIRED FOR THE PROPER LAYING OF ALL PIPES AND CONDUITS INSIDE THE BUILDING AND PREMISES, AND OUTSIDE AS MAY BE NECESSARY. PIPING IN TRENCHES AT THE INTERIOR OF THE BUILDING SHALL BE PROPERLY BEDDED ON A SUITABLE AMOUNT OF GRAVEL OR SAND FOR A SUBSTANTIAL INSTALLATION, WITH PIPING NOT RESTING ON STONES OR ROCK.
9. CUT COMPLETED CONSTRUCTION WORK ONLY IF SLEEVES, OPENINGS, CHASES, ETC., WERE INADVERTENTLY OMITTED AND ONLY WITH THE SPECIFIED APPROVAL OF THE ARCHITECT.
10. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURERS' INSTRUCTIONS AND RECOMMENDATIONS. SHOULD ANY VARIANCE BETWEEN PLANS AND SPECIFICATIONS OCCUR WITH THESE INSTRUCTIONS, THE ARCHITECT OR OWNER SHALL BE CONTACTED IMMEDIATELY SO THAT ANY VARIATIONS IN INSTALLATION CAN BE KNOWN BY ALL PARTIES CONCERNED.
11. EACH COMPLETED SYSTEM SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE OF THE WORK BY THE OWNER. THE CONTRACTOR SHALL GUARANTEE EACH SYSTEM IN WRITING TO BE FREE OF DEFECTS OF MATERIALS AND WORKMANSHIP AND TO PERFORM SATISFACTORILY UNDER ALL CONDITIONS OF LOAD OR SERVICE.
12. DETERMINE IN ADVANCE OF CONSTRUCTION THE LOCATION OF ALL PIPING, SLEEVES, HANGERS, FLOW LINE ELEVATIONS, ETC. INSTALL PIPING SUBSTANTIALLY AS INDICATED, PARALLEL WITH THE BUILDING WALLS, UNLESS INDICATED OTHERWISE.
13. WHERE PIPING PASSES THROUGH SUCH BUILDING ELEMENTS AS WALLS, FLOORS, ROOFS, FOOTINGS, ETC., PROVIDE PVC SCHEDULE 40 SLEEVES UNLESS INDICATED OTHERWISE. SLEEVES FOR INSULATED PIPING SHALL BE LARGE ENOUGH FOR INSULATION. PROVIDE CHROME PLATED ESCUTCHEONS AT PENETRATIONS THROUGH ALL FINISHED AREAS.
14. SUPPORT HORIZONTAL PIPE WITH VERTICALLY ADJUSTABLE HANGERS ON SWIVEL RING OR CLEVIS TYPE HANGER SUSPENDED ON THREADED STEEL ROD HANGERS.
15. ALL VALVES SHALL BE DESIGNED FOR 125 PSI MINIMUM WORKING PRESSURE. ALL WATER VALVES SHALL BE BALL VALVES UNLESS OTHERWISE SPECIFIED OR REQUIRED FOR SPECIAL INSTALLATION OF FLOW CONTROL. BALL VALVES SHALL BE BRONZE WITH CHROME-PLATED BALL, TEFLO SEAL AND LEVER HANDLE WITH PLASTIC GRIP. SOLDER ENDS AS MANUFACTURED BY INBCO. MODEL S985-86-LP OR APPROVED EQUAL. ALL WATER VALVES SHALL BE OF THE SAME MANUFACTURER EXCEPT AS NOTED. ALL VALVES SHALL BE TAGGED WITH SERVICE DESIGNATION. VALVE TAGS SHALL BE 2" ROUND, 1/16 INCH MULTI-LAYER ACRYLIC WITH ENGRAVED BLACK LETTERS, AS MANUFACTURED BY SETON SENONPLY SERIES OR EQUAL AS APPROVED BY THE OWNER. TAG COLOR SHALL BE: RED FOR HOT WATER, BLUE FOR COLD WATER, WHITE FOR UNTREATED WATER. PROVIDE VALVE IDENTIFICATION CHART AND FRAME. FRAME SHALL BE RUGGED EXTRUDED, ANODIZED ALUMINUM WITH CLEAR PLASTIC WINDOW, 8-1/2" W X 11" H. SETON MODEL BR804 OR EQUAL. WHERE VALVES ARE LOCATED ABOVE CEILING, PROVIDE VALVE LOCATION ON GRID. PROVIDE IDENTIFICATION LABELS ON THE CORNERS OF THE TILE GRID OR ACCESS PANEL. IDENTIFICATION LABELS SHALL BE 5/8" DIAMETER, SELF ADHESIVE, GREEN COLOR.
16. PROVIDE VALVES AND UNIONS ON EACH HOT AND COLD WATER CONNECTION TO EACH FIXTURE OR PIECE OF EQUIPMENT WHICH DOES NOT HAVE STOP VALVE SPECIFIED.
17. DOMESTIC WATER PIPING ABOVE GROUND SHALL BE TYPE L COPPER, ASTM B-88, WITH ANSI B-16 CLASS 150 WROUGHT COPPER OR CAST BRONZE SOLDER FITTINGS. PEX TUBING ABOVE GROUND SHALL BE SAME AS SPECIFIED BELOW GROUND. REFER TO DRAWINGS FOR TRANSITION FROM COPPER TO PEX.
18. HOT AND COLD WATER PIPING BELOW GROUND SHALL BE AQUA PEX TUBING MANUFACTURED TO CTS-OD SIZES WITH A STANDARD THICKNESS OF SD-9 AND APPROVED FOR POTABLE WATER. FITTINGS SHALL BE CAST BRASS OF SUITABLE SIZE AS RECOMMENDED BY THE PIPE MANUFACTURER FOR INSERTION CONNECTIONS USING A COPPER CRIMP RING OVER THE PEX PIPE. INSULATE ALL PIPING WITH MINIMUM 1/2 INCH CLOSED CELL ELASTOMERIC THERMAL INSULATION AS MANUFACTURED BY AEROCCELL OR EQUAL AS APPROVED BY OWNER. INSULATION SHALL BE NOTED ON MANUFACTURER'S SUBMITTAL DATA SHEET TO BE APPROVED FOR BELOW GROUND INSTALLATION. PIPE FITTINGS BELOW GROUND ARE NOT PERMITTED.
19. DOMESTIC COLD, HOT AND HOT WATER RETURN PIPING SHALL BE INSULATED WITH 1" THICK FIBERGLASS INSULATION. CLOSED CELL ELASTOMERIC AND POLY BASED INSULATION IS NOT PERMITTED. INSULATION THAT IS EXPOSED, SHALL BE 1" THICK FIBERGLASS WITH A CLEANABLE DIMPLE AND WRINKLE RESISTANT COVER SERVICE JACKET COMPOSED OF ALUMINUM FOIL REINFORCED WITH A GLASS SCRAM BOND TO A KRAFT PAPER INTERWEAVING WITH AN OUTER FILM LEAVING NO PAPER EXPOSED (25/50 RATED, UL 723) - KNAUF EW 1000 WITH AS4+.
20. DOMESTIC WATER PIPING SHALL BE PRESSURE TESTED AND PROVEN TIGHT WITH A MINIMUM 100 PSI HYDROSTATIC TEST. NOTIFY ARCHITECT PRIOR TO TESTING. FINAL APPROVAL SHALL BE BY THE CITY INSPECTOR.
21. SANITARY DRAIN, VENT AND CONDENSATE PIPES UNDERGROUND SHALL BE PVC DWV SCHEDULE 40 PIPE, ASTM D2985 WITH SOLVENT-CEMENT JOINTS CONFORMING TO ASTM D2656 AND ASTM D2664. FITTINGS SHALL BE PVC DWV, SCHEDULE 40 IPS, ASTM D2985 SUITABLE IN EVERY WAY FOR DRAINAGE AND VENT PURPOSES, OF THE SAME WEIGHT AS THE PVC DRAIN PIPE. PIPING AT COFFEE BREWERS AS INDICATED ON P101D SHALL BE COATED SERVICE WEIGHT CAST IRON PIPE, ASTM A-74, HUB AND SPIGOT, COATED EXTRA HEAVY WHERE REQUIRED BY CODE. ALL CAST IRON SOIL PIPE AND FITTINGS SHALL BE MARKED WITH THE COLLECTIVE TRADEMARK OF THE CAST IRON SOIL PIPE INSTITUTE (CISPI) AND BE LISTED BY NSF INTERNATIONAL. USE 45 DEGREE OR LONG TURN FITTINGS.
22. SANITARY DRAIN, VENT AND CONDENSATE PIPE ABOVE GROUND SHALL BE PVC DWV SCHEDULE 40 PIPE, ASTM D2985, FOR SIZES 1-1/2" AND SMALLER FITTINGS SHALL BE PVC WITH SOLVENT WELD JOINTS. SIZES 2" AND LARGER SHALL BE THE SAME AS SPECIFIED FOR SANITARY PIPE BELOW GROUND.
23. SLOPE HORIZONTAL SOIL PIPES UNDER BUILDING 1/8" PER FOOT FOR SIZES 4" AND ABOVE, EXCEPT THE 6" SOIL LINE SERVING THE RESTROOMS AND SANITARY GREASE LINES SHALL BE SLOPED AT 1/4" PER FOOT AND 1/4" PER FOOT FOR SIZES LESS THAN 4". SLOPE SHALL BE UNIFORM AND FREE OF DIPS, TRAPS, ETC.
24. TEST SANITARY DRAIN AND VENT PIPING UNDER A WATER PRESSURE EQUIVALENT TO A 10 FOOT HEAD OF WATER ABOVE THE HIGHEST DRAIN OPENING FOR NO LESS THAN 15 MINUTES, WITH NO LOSS. NOTIFY ARCHITECT PRIOR TO TESTING. APPROVAL SHALL BE BY THE ARCHITECT, CITY INSPECTOR OR BOTH AS DIRECTED.
25. ABOVE GRADE CONDENSATE DRAIN PIPING ASSOCIATED WITH COOLERS AND FREEZERS SHALL BE COPPER TUBING, SEAMLESS HARD DRAWN, ASTM B306, TYPE DWV, WITH ANSI B-16 WROUGHT COPPER OR CAST BRONZE SOLDER FITTINGS. PROVIDE HEAT TAPE (ON WALLS PER LINEAL FOOT) AND 1/2" THICK FIBERGLASS INSULATION FOR ALL DRAINS LOCATED INSIDE FREEZERS. SET DRAINS SECURELY AND 3/4" CLEAR OF DRAINS. PROVIDE 1/2" THICK FIBERGLASS INSULATION ON COPPER CONDENSATE DRAIN PIPING OUTSIDE OF COOLERS AND /OR FREEZERS. INSULATION THAT IS EXPOSED SHALL HAVE A CLEANABLE, DIMPLE AND WRINKLE RESISTANT ALL-SERVICE JACKET COMPOSED OF ALUMINUM FOIL, REINFORCED WITH A GLASS SCRAM BOND TO A KRAFT PAPER INTERWEAVING WITH AN OUTER FILM LEAVING NO PAPER EXPOSED (25/50 RATED, UL 723) - KNAUF EW 1000 WITH AS4+. CLOSED CELL ELASTOMERIC AND POLY BASED INSULATION IS NOT PERMITTED.
26. PROVIDE NEW FIXTURES, DRAINS AND OTHER PLUMBING EQUIPMENT AS SPECIFIED HEREIN AND ON PLANS AND INSTALL TO OPERATE AS INTENDED.
27. CLEANOUTS FOR CONCRETE AND TILE FLOORS SHALL BE ZURN ZN1400, LACQUERED CAST IRON, TWO PIECE BODY, HEAVY DUTY NICKEL-BRONZE SQUARE SCORRIATED COVER WITH VANDAL PROOF SCREWS. CLEANOUTS FOR WALLS SHALL BE ZURN 1443, LACQUERED CAST IRON BODY, NICKEL-BRONZE SQUARE SCORRIATED COVER WITH VANDAL PROOF SCREWS. CLEANOUTS SHALL BE FULL SIZE, ACCORDING TO THE LINE, IN WHICH THEY ARE INSTALLED.
28. WATER HAMMER ARRESTORS SHALL BE STANDARD PRODUCTS AS MANUFACTURED BY ZURN, PRE-CHARGED, SIZED IN ACCORDANCE WITH PDI WH-201. A WATER HAMMER ARRESTOR SHALL BE INSTALLED WHERE QUICK-CLOSING VALVES ARE UTILIZED.
29. ALL EXPOSED PIPING AND FITTINGS SHALL BE CHROME PLATED OR STAINLESS STEEL, CONFORMING TO ASTM A120, A53, OR A106.
30. PROVIDE THE PROPER SIZE BACKFLOW PREVENTER VALVE WHEN REQUIRED BY CODES, ARCHITECT OR ENGINEER. EACH FOOD SERVICE PIECE OF EQUIPMENT SHALL BE PROVIDED WITH A BACKFLOW DEVICE LISTED ON THE MUNICIPALITIES BACKFLOW PREVENTER APPROVAL LIST AND CONFORM TO ASSE 1022. EXTEND DRAIN CONNECTION FROM BACKFLOW PREVENTER DEVICES AND TERMINATE OVER CLOSEST DRAIN WITH APPROVED AIR GAP.
31. COORDINATE SLEEVE AND LINTEL SIZES, LOCATIONS AND ELEVATIONS THROUGH THE FOUNDATION AND EXTERIOR WALL WITH THE GENERAL CONTRACTOR.
32. SANITARY TEE'S AND DOUBLE WYES ARE NOT PERMITTED. OFFSET WYES SHALL BE USED.
33. PIPING INVERT ELEVATIONS SHOWN ON THE PLUMBING DRAWING ARE BASED ON THE FINISHED FLOOR ELEVATION OF (0.00') REFERENCE UNLESS NOTED OTHERWISE.
34. AT ALL FLOOR DRAINS, FLOOR SINKS AND WASTE RECEPTORS RECEIVING INDIRECT WASTE, WHERE NECESSARY TO SUPPORT INDIRECT WASTE PIPING, INSTALL PRE-MANUFACTURED AIR GAP DEVICE AS MANUFACTURED BY TRU-GAP, NORTH ST PAUL, MN, IN ORDER TO PROVIDE THE AIR GAP REQUIRED BY CODE.
35. DISINFECT DOMESTIC WATER SYSTEM IN ACCORDANCE WITH AUTHORITY HAVING JURISDICTION. PREPARE AND SUBMIT REPORTS TO OWNER INDICATING WATER IS SAFE FOR HUMAN CONSUMPTION.

PLUMBING FIXTURE SCHEDULE

Table with 3 columns: Fixture Code, Description, and Notes. Includes entries for LAV (Lavatory), WC-1 (Water Closet), WC-2 (Water Closet), UR-1 (Urinal), UR-2 (Urinal), MS-1 (Mop Sink), FS-1 (Floor Sink), WR-1 (Waste Receptor), FD (Floor Drain), HB (Hose Bibb), WH-1 (Electric Water Heater), HS-1 (Hand Sink), DS (Drop In Sink), RS-1 (Rinse Sink), CCS (Coffee Counter Sink), MV (Mixing Valve), GI (Grease Interceptor), DM (Dish Machine), TP (Trap Primer), RH-1 (Roof Hydrant), WT (Water Softener System), DF (Water Drinking Fountain), and EEW (Emergency Eyewash).

PLUMBING ABBREVIATIONS

Table listing plumbing abbreviations and their corresponding symbols. Includes categories like ABOVE ABOVE FINISHED FLOOR, BELOW FINISHED FLOOR, BACKFLOW PREVENTER, BUILDING, BELOW, BELOW THE COUNTER, COFFEE COUNTER SINK, CONDENSATE DRAIN LINE, CHECK VALVE, CAST IRON, CEILING, CLEANOUT, CONDENSATE CONNECTION, CONTINUATION CONTRACTOR, CIRCULATION PUMP, CLEAR WATER WASTE, DETAIL, DIAMETER, DOWN, DRAWING, DRINKING FOUNTAIN, DRAIN, DRAIN MACHINE, DROP SINK, DOWNSPOUT, EACH, ELECTRICAL CONTRACTOR, ELECTRICAL, ELEVATION, ELEVATION SUPPLIER, EMERGENCY EYE WASH, EXPANSION TANK, EXISTING, EXTERIOR, FLOOR CLEANOUT, FINISHED FLOOR DRAIN, FINISHED FLOOR, FLOOR SINK, FEET, GENERAL CONTRACTOR, GREASE INTERCEPTOR, GALLONS PER FLUSH, GALLONS PER HOUR, HOSE BIBB, HEIGHT, HAND SINK, INCH, INVERT, INDIRECT WASTE, LAVATORY, MECHANICAL CONTRACTOR, MECHANICAL, MANHOLE, MOP SINK, MIXING VALVE, NOT IN CONTRACT, NUMBER, POLYETHYLENE PIPING, PLUMBING, PLUMBING CONTRACTOR, POINT OF CONNECTION, PRESSURE REDUCING VALVE REQUIRED, ROOF HYDRANT, RINSE SINK, SANITARY, SHEET, SHUT OFF VALVE, SPECIFICATION, SERVICE SINK, TRAP PRIMER, URINAL, UNTREATED WATER, VENT THROUGH ROOF, WASTE, WITH, WATER FILTER, WITHOUT, WATER CLOSET, WALL CLEANOUT, WATER HEATER, WATER HAMMER ARRESTOR, WEATHERPROOF, WASTE RECEPTOR, WATER SOFTENER.

PLUMBING LEGEND

Table mapping plumbing symbols to their descriptions. Includes symbols for COLD WATER PIPING (CW), HOT WATER PIPING (HW), HOT WATER RETURN PIPING (HWR), TRAP PRIMER PIPING (TP), UNTREATED WATER PIPING (UTW), SANITARY WASTE PIPING, GREASE SANITARY WASTE PIPING, VENT PIPING (V), CONDENSATE PIPING, STORM PIPING, GREASE VENT PIPING, FILTERED WATER (F), ICE MAKER FEEDER WATER (IMF), SODA DISPENSER SYRUP CONDUIT, CO2 TUBING, DROP IN PIPING, RISE IN PIPING, FLOOR CLEANOUT (FCO) (CO), and WALL CLEANOUT (WCO).

PLUMBING CONNECTIONS

Table showing plumbing fixture connections for CW, HW, SAN, and VENT. Includes fixtures like LAV, WC, UR, MS, FD, WR, FS, HB, GI, HS, DS, RS, CCS, DF, and EEW.

NOTE: SEE FOOD SERVICE EQUIPMENT CONNECTION SCHEDULE FOR INFORMATION ON FOOD SERVICE EQUIPMENT.

PLUMBING FIXTURE PROCUREMENT AND INSTALLATION SCHEDULE

Table detailing procurement and installation schedules for various plumbing fixtures. Columns include Fixture Code, Description, Furnished By, and Installed By. Includes items like LAV, WC-1, WC-2, UR-1, UR-2, MS-1, WH-1, CP, WF, GI, HS, DS, CCS, RS, HB, WF, WT, DM, DF, and EEW.

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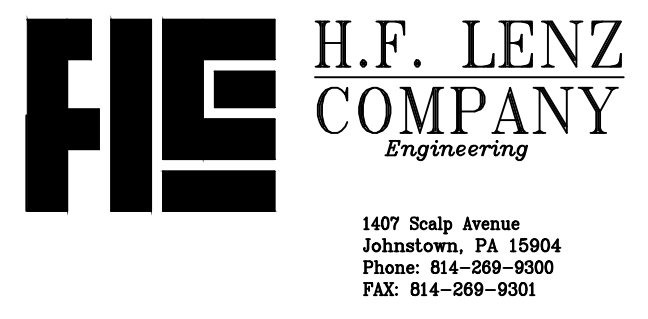
phone (814) 239-6013 email tcolumbu@sheetz.com web site www.sheetz.com

PROJECT NAME: NEW SHEETZ STORE CAMERON

SAWYER ROAD CAMERON, NC HARNETT COUNTY PSR #214196

OWNER: SHEETZ, INC.

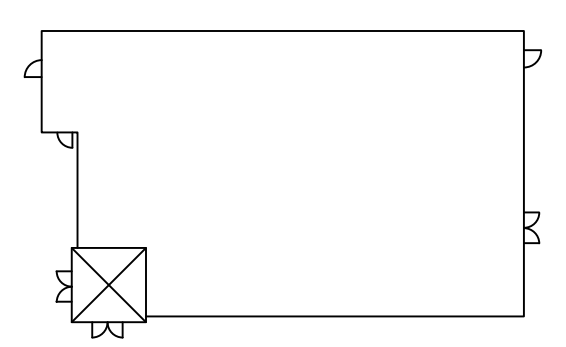
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KEYPLAN

Table with columns for MARK, DATE, and DESCRIPTION. Includes a row for 02-08-21, ADENDUM No. 1, and a description for PLUMBING FIXTURES.

ISSUE: 02/08/21 PROJECT NO: AUTHOR BY: RSS REVIEW BY: DJA SHEET TITLE

PLUMBING ABBREVIATIONS, GENERAL NOTES, AND EQUIPMENT SCHEDULES

P001

N.C. LICENSE NO. F-1080

PERMIT REVIEW DRAWINGS

PROJECT NAME:
**NEW SHEETZ STORE
CAMERON**

SAWYER ROAD
CAMERON, NC
HARNETT COUNTY
PSR #214196

OWNER:
SHEETZ, INC.

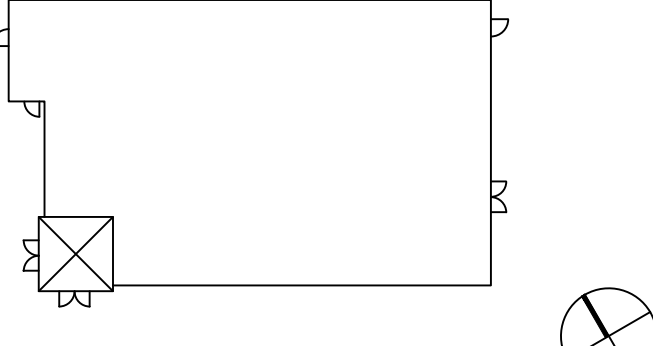
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MARK	DATE	DESCRIPTION
02-08-21		ADDITIONAL No. 1

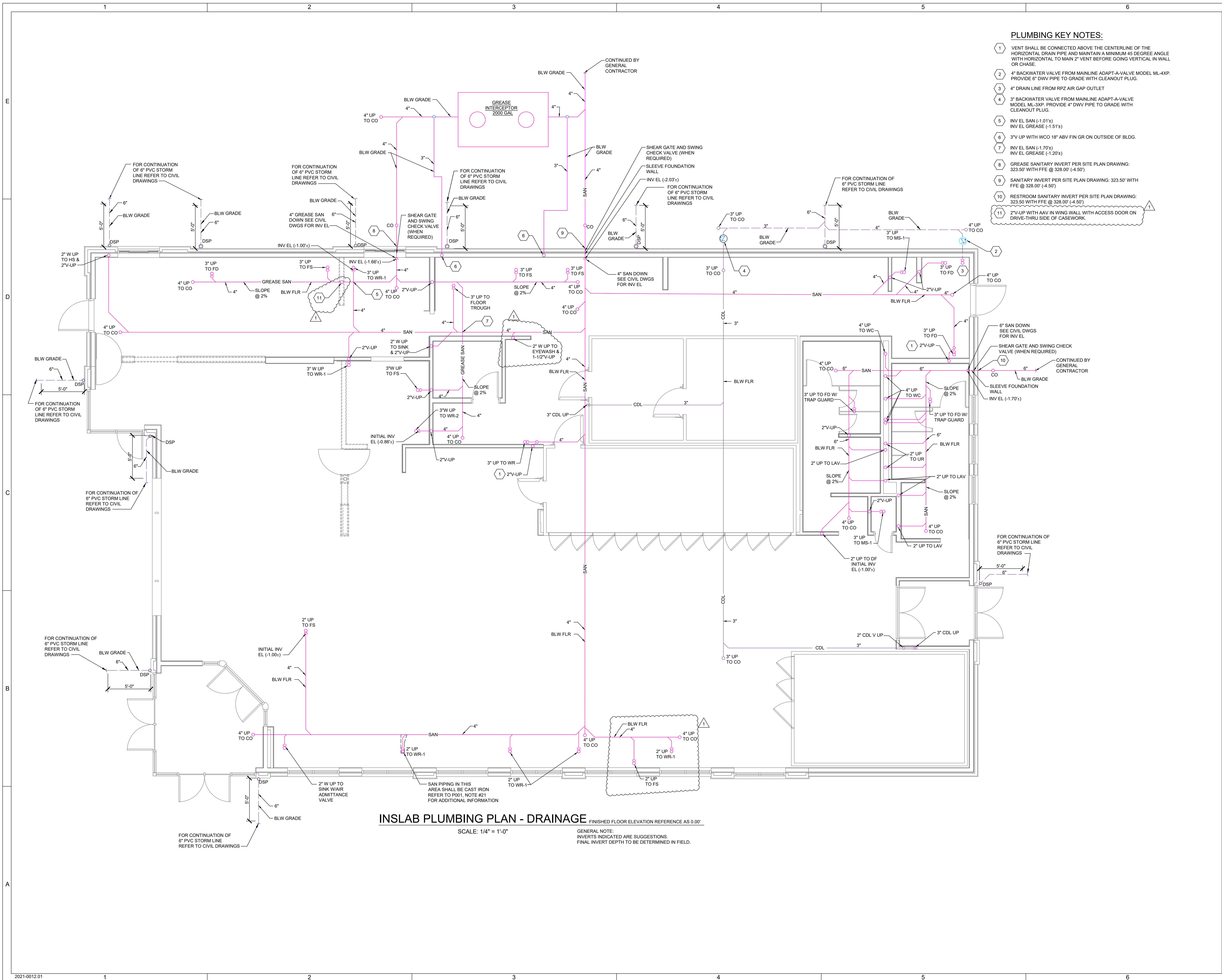
ISSUE: 02/08/21
PROJECT NO:
AUTHOR BY: RSS
REVIEW BY: DJA

SHEET TITLE
**IN SLAB
PLUMBING
PLAN**

P101D

PLUMBING KEY NOTES:

- 1 VENT SHALL BE CONNECTED ABOVE THE CENTERLINE OF THE HORIZONTAL DRAIN PIPE AND MAINTAIN A MINIMUM 45 DEGREE ANGLE WITH HORIZONTAL TO MAIN 2" VENT BEFORE GOING VERTICAL IN WALL OR CHASE.
- 2 4" BACKWATER VALVE FROM MAINLINE ADAPT-A-VALVE MODEL ML-4XP. PROVIDE 6" DWV PIPE TO GRADE WITH CLEANOUT PLUG.
- 3 4" DRAIN LINE FROM RPZ AIR GAP OUTLET
- 4 3" BACKWATER VALVE FROM MAINLINE ADAPT-A-VALVE MODEL ML-3XP. PROVIDE 4" DWV PIPE TO GRADE WITH CLEANOUT PLUG.
- 5 INV EL SAN (-1.01')
INV EL GREASE (-1.51')
- 6 3" V UP WITH WCO 18" ABV FIN GR ON OUTSIDE OF BLDG.
- 7 INV EL SAN (-1.70')
INV EL GREASE (-1.20')
- 8 GREASE SANITARY INVERT PER SITE PLAN DRAWING: 323.50' WITH FFE @ 328.00' (-4.50')
- 9 SANITARY INVERT PER SITE PLAN DRAWING: 323.50' WITH FFE @ 328.00' (-4.50')
- 10 RESTROOM SANITARY INVERT PER SITE PLAN DRAWING: 323.50' WITH FFE @ 328.00' (-4.50')
- 11 2" V UP WITH AAV IN WING WALL WITH ACCESS DOOR ON DRIVE THRU SIDE OF CASEWORK



INSLAB PLUMBING PLAN - DRAINAGE FINISHED FLOOR ELEVATION REFERENCE AS 0.00'

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

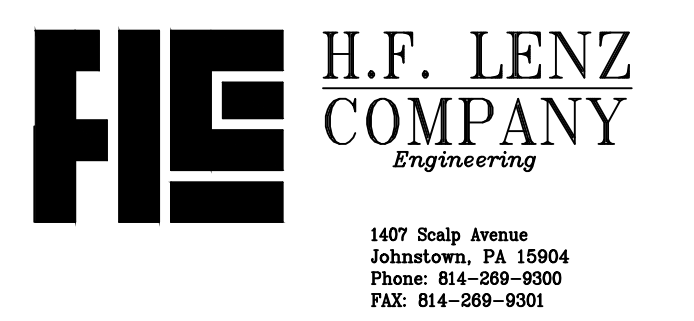
GENERAL NOTE:
INVERTS INDICATED ARE SUGGESTIONS.
FINAL INVERT DEPTH TO BE DETERMINED IN FIELD.

PROJECT NAME:
NEW SHEETZ STORE
CAMERON

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PSR #214196

OWNER:
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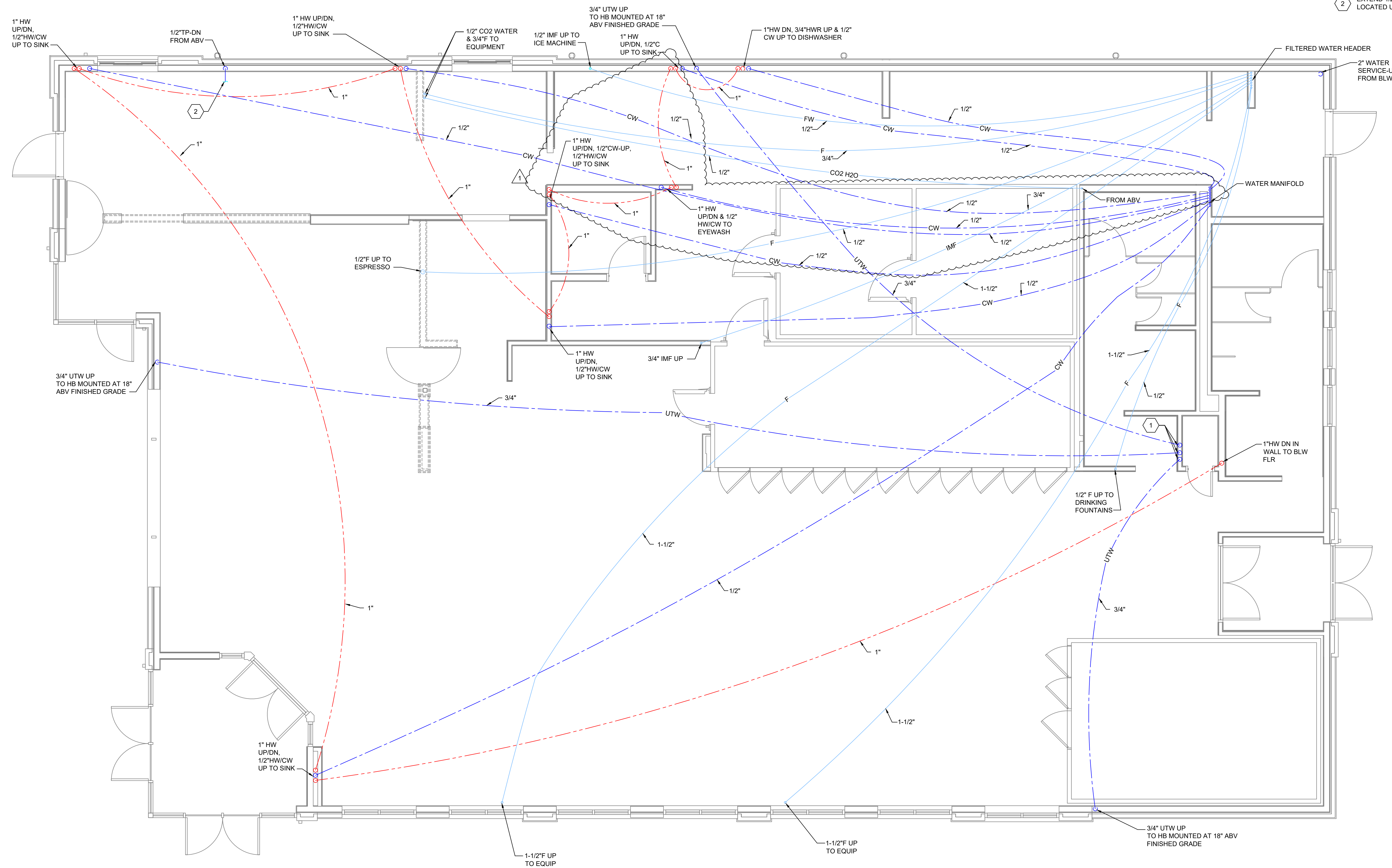
KEYPLAN

PLUMBING FOUNDATION NOTES:

1. PLAN IS DIAGRAMMATIC IN NATURE AND IS NOT INTENDED TO SHOW EACH AND EVERY OFFSET, FITTING, ETC. PLUMBING CONTRACTOR SHALL COORDINATE PIPE ROUTING WITH OTHER TRADES AND MAKE NECESSARY ROUTING REVISIONS AS CONSTRUCTION CONDITIONS REQUIRE.
2. THE PLUMBING CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF PIPING PENETRATIONS THROUGH THE FOUNDATION WALL WITH THE GENERAL CONTRACTOR. PENETRATIONS SHALL BE SLEEVED WITH GALVANIZED STEEL.
3. WHERE EXCAVATIONS FOR PIPING EXTEND UNDER AND PERPENDICULAR TO WALL FOOTING, THE CONTRACTOR INSTALLING THE PIPING SHALL FILL THE TRENCH WITH CONCRETE SOLIDLY TO THE BOTTOM OF FOOTING FOR A TRENCH LENGTH OF 3'-0" BEYOND EACH WALL FACE.
4. FLOOR DRAINS SHALL BE PROVIDED WITH TRAP PRIMER CONNECTIONS, TRAP PRIMER VALVES, AND ALL NECESSARY PIPING AND CONNECTIONS, WHERE NOTED.
5. COORDINATE ALL UTILITIES WITH SITE PLAN, AND BRING ANY CONFLICTS TO OWNER'S ATTENTION. VERIFY LOCATIONS OF WATER AND SANITARY SEWER SERVICES. VERIFY DEPTH OF SANITARY SEWER CONNECTIONS.
6. WATER PIPING UNDER FLOOR SLAB SHALL BE PEX TUBING APPROVED FOR POTABLE WATER.

PLUMBING KEYNOTES:

1. 3/4" UTW DN FROM ABOVE TO BELOW TO HOSE BIBB'S.
2. EXTEND 1/2" TRAP PRIMER LINE TO TRAP OF FLOOR DRAIN LOCATED UNDER FRYER.



INSLAB PLUMBING PLAN - WATER PIPING

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

ISSUE:	02/08/21
PROJECT NO:	
AUTHOR BY:	RSS
REVIEW BY:	DJA
SHEET TITLE	

**IN SLAB
WATER
PLAN**

P101W

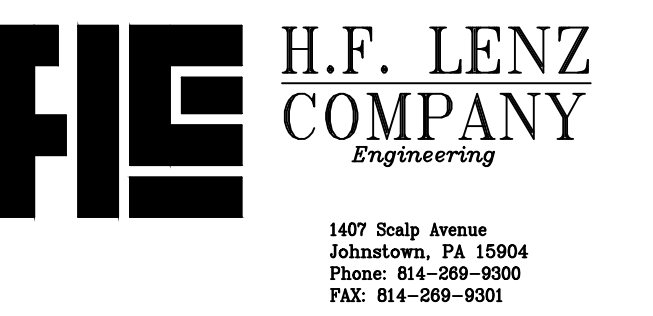
MARK	DATE	DESCRIPTION
03-08-21		ADDENDUM No. 1

PROJECT NAME:
**NEW SHEETZ STORE
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PSR #214196

OWNER:
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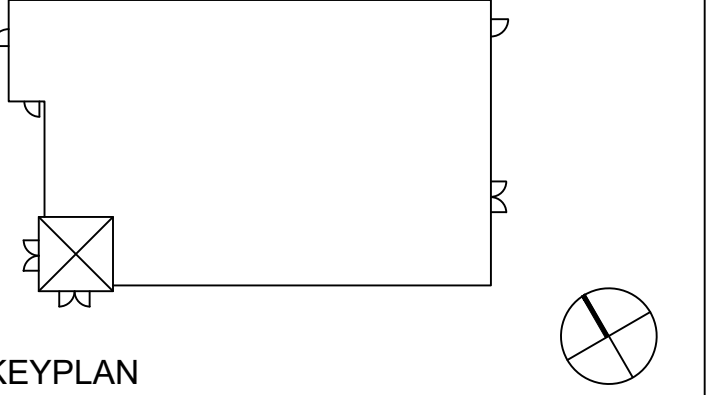
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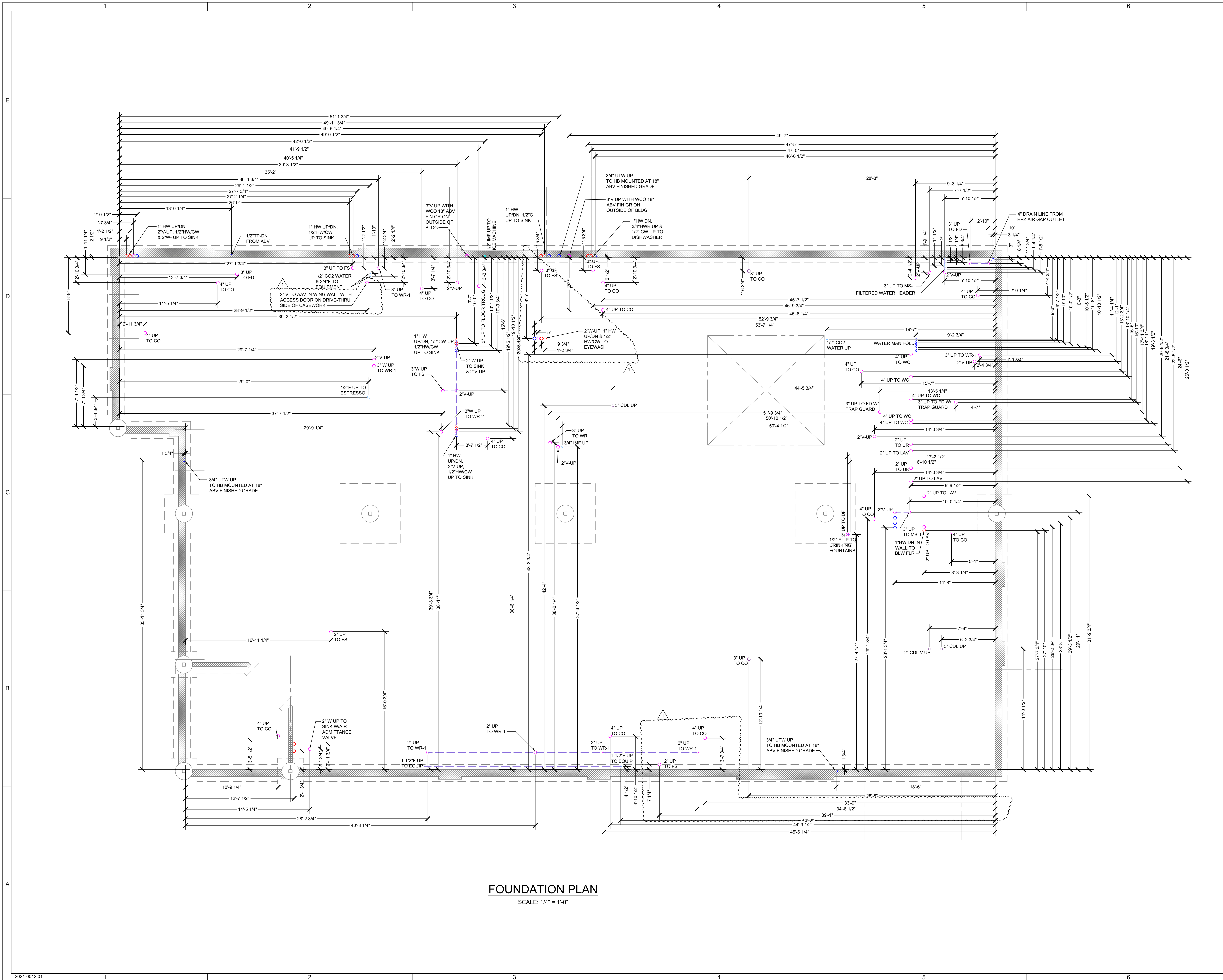


MARK	DATE	DESCRIPTION
03-06-21	ADDENDUM No. 1	

ISSUE: **02/08/21**
PROJECT NO:
AUTHOR BY: RSS
REVIEW BY: DJA

**ROUGH IN
PLUMBING
PLAN**

P102



FOUNDATION PLAN

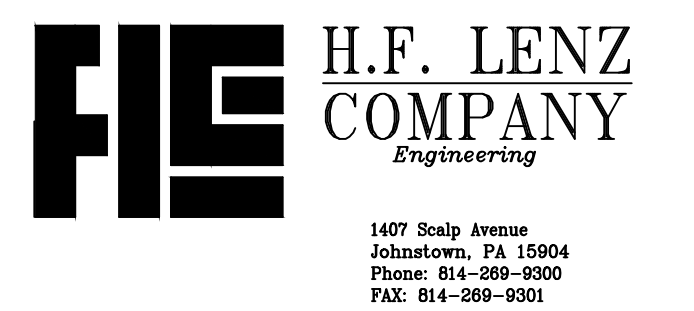
SCALE: 1/4" = 1'-0"

PROJECT NAME:
NEW SHEETZ STORE
CAMERON

SAWYER ROAD
CAMERON, NC
HARNETT COUNTY
PSR #214196

OWNER:
SHEETZ, INC.

5700 SIXTH AVE.
ALTOONA, PA 16602



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KEYPLAN

ISSUE:	02/08/21
PROJECT NO.:	
AUTHOR BY:	RSS
REVIEW BY:	DJA
SHEET TITLE	

ABOVE SLAB PLUMBING PLAN

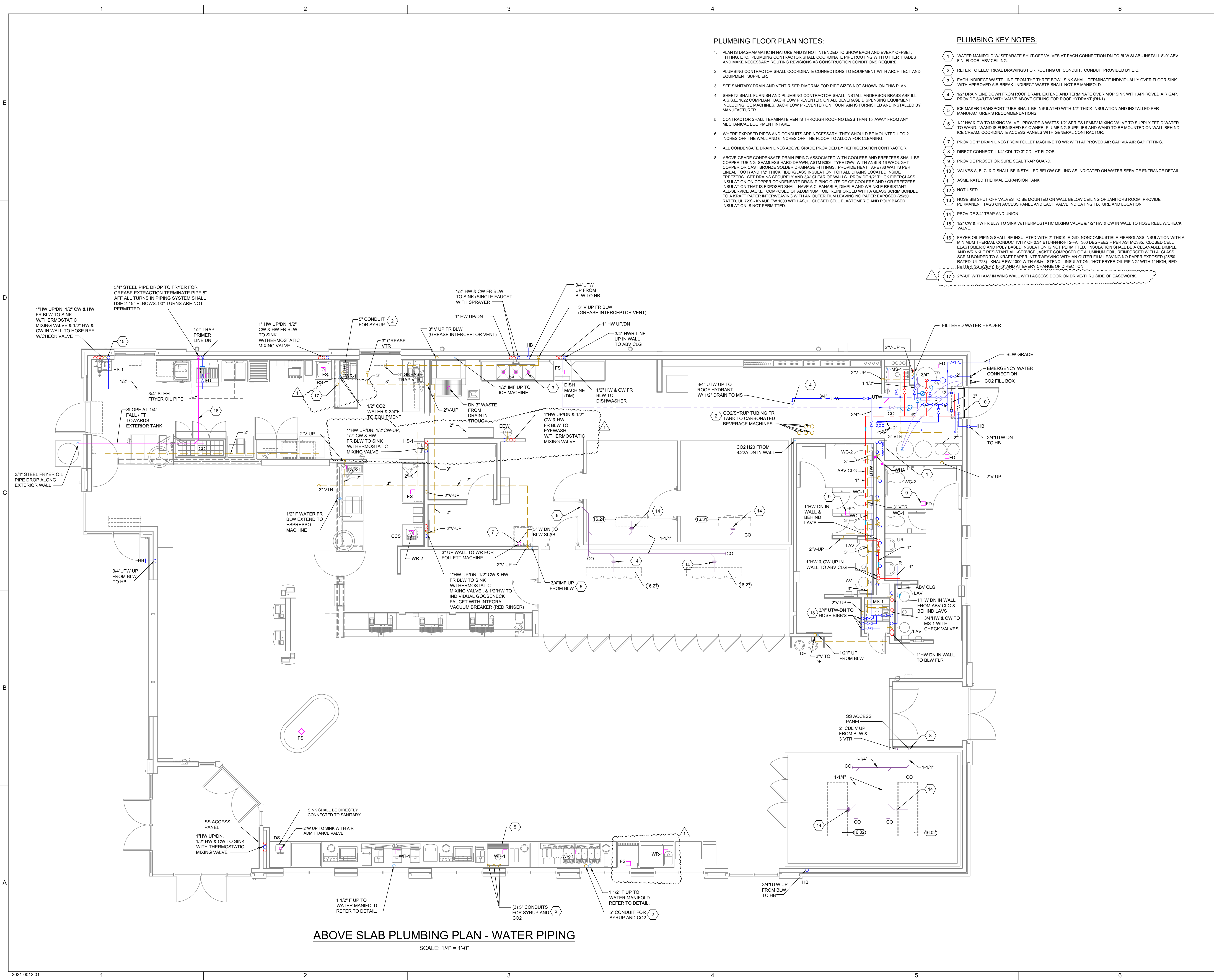
P111

PLUMBING FLOOR PLAN NOTES:

1. PLAN IS DIAGRAMMATIC IN NATURE AND IS NOT INTENDED TO SHOW EACH AND EVERY OFFSET, FITTING, ETC. PLUMBING CONTRACTOR SHALL COORDINATE PIPE ROUTING WITH OTHER TRADES AND MAKE NECESSARY ROUTING REVISIONS AS CONSTRUCTION CONDITIONS REQUIRE.
2. PLUMBING CONTRACTOR SHALL COORDINATE CONNECTIONS TO EQUIPMENT WITH ARCHITECT AND EQUIPMENT SUPPLIER.
3. SEE SANITARY DRAIN AND VENT RISER DIAGRAM FOR PIPE SIZES NOT SHOWN ON THIS PLAN.
4. SHEETZ SHALL FURNISH AND PLUMBING CONTRACTOR SHALL INSTALL ANDERSON BRASS ABF-ILL, A.S.S.E. 1022 COMPLIANT BACKFLOW PREVENTER ON ALL BEVERAGE DISPENSING EQUIPMENT INCLUDING ICE MACHINES. BACKFLOW PREVENTER ON FOUNTAIN IS FURNISHED AND INSTALLED BY MANUFACTURER.
5. CONTRACTOR SHALL TERMINATE VENTS THROUGH ROOF NO LESS THAN 15' AWAY FROM ANY MECHANICAL EQUIPMENT INTAKE.
6. WHERE EXPOSED PIPES AND CONDUITS ARE NECESSARY, THEY SHOULD BE MOUNTED 1 TO 2 INCHES OFF THE WALL AND 6 INCHES OFF THE FLOOR TO ALLOW FOR CLEANING.
7. ALL CONDENSATE DRAIN LINES ABOVE GRADE PROVIDED BY REFRIGERATION CONTRACTOR.
8. ABOVE GRADE CONDENSATE DRAIN PIPING ASSOCIATED WITH COOLERS AND FREEZERS SHALL BE COPPER TUBING, SEAMLESS HARD DRAWN, ASTM B306, TYPE DWV, WITH ANSI B-16 WROUGHT COPPER OR CAST BRONZE SOLDER DRAINAGE FITTINGS. PROVIDE HEAT TAPE (30 WATTS PER LINEAL FOOT) AND 1/2" THICK FIBERGLASS INSULATION FOR ALL DRAINS LOCATED INSIDE FREEZERS. SET DRAINS SECURELY AND 3/4" CLEAR OF WALLS. PROVIDE 1/2" THICK FIBERGLASS INSULATION ON COPPER CONDENSATE DRAIN PIPING OUTSIDE OF COOLERS AND / OR FREEZERS. INSULATION THAT IS EXPOSED SHALL HAVE A CLEANABLE, DIMPLE AND WRINKLE RESISTANT ALL-SERVICE JACKET COMPOSED OF ALUMINUM FOIL, REINFORCED WITH A GLASS SCRM BONDED TO A KRAFT PAPER INTERWEAVING WITH AN OUTER FILM LEAVING NO PAPER EXPOSED (25/50 RATED, UL 723) - KNAUF EW 1000 WITH ASJ+. CLOSED CELL ELASTOMERIC AND POLY BASED INSULATION IS NOT PERMITTED.

PLUMBING KEY NOTES:

1. WATER MANIFOLD W/ SEPARATE SHUT-OFF VALVES AT EACH CONNECTION DN TO BLW SLAB - INSTALL 8'-0" ABV FIN. FLOOR, ABV CEILING.
2. REFER TO ELECTRICAL DRAWINGS FOR ROUTING OF CONDUIT. CONDUIT PROVIDED BY E.C.
3. EACH INDIRECT WASTE LINE FROM THE THREE BOWL SINK SHALL TERMINATE INDIVIDUALLY OVER FLOOR SINK WITH APPROVED AIR BREAK. INDIRECT WASTE SHALL NOT BE MANIFOLD.
4. 1/2" DRAIN LINE DOWN FROM ROOF DRAIN. EXTEND AND TERMINATE OVER MOP SINK WITH APPROVED AIR GAP. PROVIDE 3/4" UTW WITH VALVE ABOVE CEILING FOR ROOF HYDRANT (RH-1).
5. ICE MAKER TRANSPORT TUBE SHALL BE INSULATED WITH 1/2" THICK INSULATION AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
6. 1/2" HW & CW TO MIXING VALVE. PROVIDE A WATTS 1/2" SERIES LFMMV MIXING VALVE TO SUPPLY TEPID WATER TO WAND. WAND IS FURNISHED BY OWNER. PLUMBING SUPPLIES AND WAND TO BE MOUNTED ON WALL BEHIND ICE CREAM. COORDINATE ACCESS PANELS WITH GENERAL CONTRACTOR.
7. PROVIDE 1" DRAIN LINES FROM FOLLET MACHINE TO WR WITH APPROVED AIR GAP VIA AIR GAP FITTING.
8. DIRECT CONNECT 1 1/4" CDL TO 3" CDL AT FLOOR.
9. PROVIDE PROSET OR SURE SEAL TRAP GUARD.
10. VALVES A, B, C, & D SHALL BE INSTALLED BELOW CEILING AS INDICATED ON WATER SERVICE ENTRANCE DETAIL.
11. ASME RATED THERMAL EXPANSION TANK.
12. NOT USED.
13. HOSE BIB SHUT-OFF VALVES TO BE MOUNTED ON WALL BELOW CEILING OF JANITORS ROOM. PROVIDE PERMANENT TAGS ON ACCESS PANEL AND EACH VALVE INDICATING FIXTURE AND LOCATION.
14. PROVIDE 3/4" TRAP AND UNION.
15. 1/2" CW & HW FR BLW TO SINK W/ THERMOSTATIC MIXING VALVE & 1/2" HW & CW IN WALL TO HOSE REEL W/ CHECK VALVE.
16. FRYER OIL PIPING SHALL BE INSULATED WITH 2" THICK RIGID, NONCOMBUSTIBLE FIBERGLASS INSULATION WITH A MINIMUM THERMAL CONDUCTIVITY OF 0.34 BTU-IN/HR-FT²-F AT 300 DEGREES F PER ASTM C553. CLOSED CELL ELASTOMERIC AND POLY BASED INSULATION IS NOT PERMITTED. INSULATION SHALL BE A CLEANABLE DIMPLE AND WRINKLE RESISTANT ALL-SERVICE JACKET COMPOSED OF ALUMINUM FOIL, REINFORCED WITH A GLASS SCRM BONDED TO A KRAFT PAPER INTERWEAVING WITH AN OUTER FILM LEAVING NO PAPER EXPOSED (25/50 RATED, UL 723) - KNAUF EW 1000 WITH ASJ+. STENCIL INSULATION, "HOT-FRYER OIL PIPING" WITH 1" HIGH, RED LETTERING EVERY 15'-0" AND AT EVERY CHANGE OF DIRECTION.
17. 2" V-UP WITH AAV IN WING WALL WITH ACCESS DOOR ON DRIVE-THRU SIDE OF CASEWORK.



ABOVE SLAB PLUMBING PLAN - WATER PIPING

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

PROJECT NAME:
**NEW SHEETZ STORE
CAMERON**

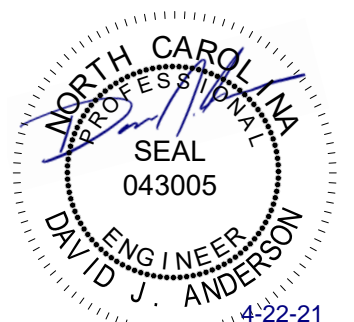
SAWYER ROAD
CAMERON, NC
HARNETT COUNTY
PSR #214196

OWNER:
SHEETZ, INC.

5700 SIXTH AVE.
ALTOONA, PA 16602



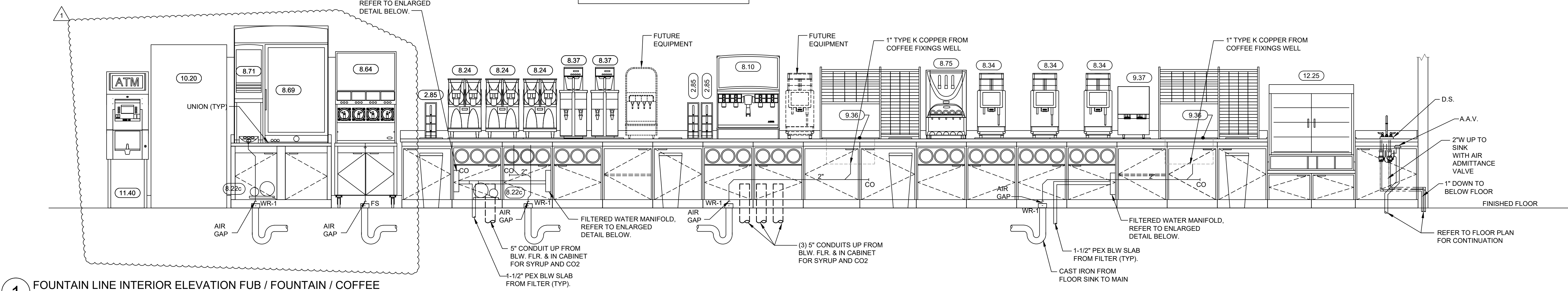
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KEYPLAN

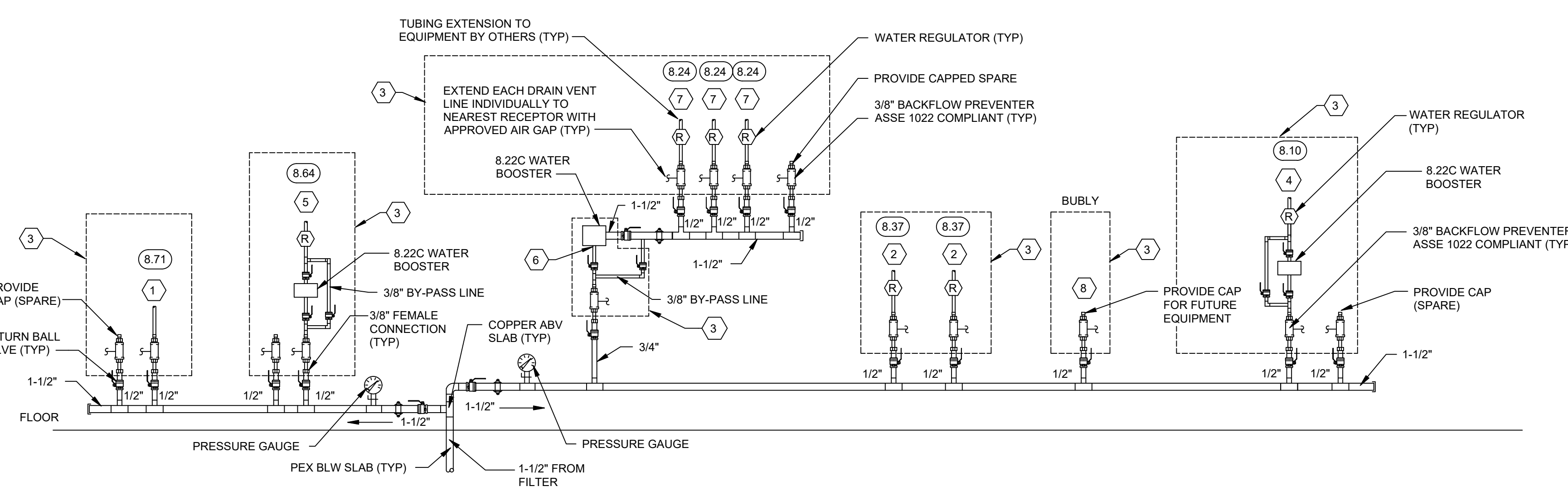
NOTE:
1. SUPPORT ALL WATER BOOSTER PUMPS AND WATER FILTER MANIFOLDS ON SHELF BEHIND COUNTER IN PIPE CHASE. VERIFY FINAL LOCATION AND PIPING ARRANGEMENT WITH OWNER.



1 FOUNTAIN LINE INTERIOR ELEVATION FUB / FOUNTAIN / COFFEE
NTS

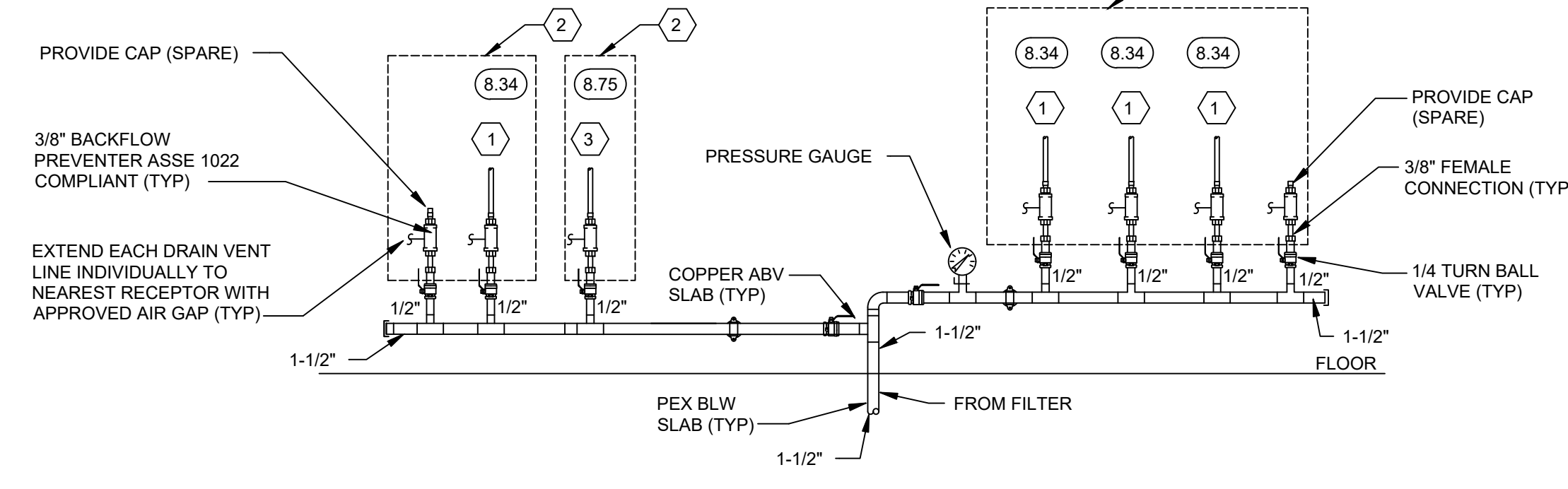
PLUMBING FIXTURE PROCUREMENT AND INSTALLATION SCHEDULE

PLUMBING EQUIPMENT	FURNISHED BY	INSTALLED BY
WATER BOOSTER AND / CARBONATOR	OWNER	REFRIGERATION CONTRACTOR
BACKFLOW PREVENTER	OWNER	REFRIGERATION CONTRACTOR
BALL VALVES	PLUMBING CONTRACTOR	PLUMBING CONTRACTOR
REGULATOR	OWNER	REFRIGERATION CONTRACTOR
PRESSURE GAUGE	PLUMBING CONTRACTOR	PLUMBING CONTRACTOR
3/8" FEMALE CONNECTION	PLUMBING CONTRACTOR	PLUMBING CONTRACTOR



- 1 3/8" FEMALE ADAPTOR FOR EXTENSION BY REFRIGERATION CONTRACTOR WITH PEX TUBING TO 8.71.
- 2 3/8" FEMALE ADAPTOR FOR EXTENSION BY REFRIGERATION CONTRACTOR WITH PEX TUBING TO 8.37.
- 3 ALL CONNECTIONS AND PIPING IN THIS AREA ARE BY REFRIGERATION CONTRACTOR.
- 4 3/8" FEMALE ADAPTOR FOR EXTENSION BY REFRIGERATION CONTRACTOR WITH PEX TUBING TO 8.22C (WATER BOOSTER). 1/2" MALE ADAPTOR AND PEX TUBING FROM 8.22C (WATER BOOSTER) FOR EXTENSION TO ITEM 8.10.
- 5 3/8" FEMALE ADAPTOR FOR EXTENSION BY REFRIGERATION CONTRACTOR WITH PEX TUBING TO 8.22C (WATER BOOSTER). 1/2" MALE ADAPTOR AND PEX TUBING FROM 8.22C (WATER BOOSTER) FOR EXTENSION TO ITEM 8.64.
- 6 3/4" TO 3/8" FEMALE CONNECTION AT INLET. 1/4" FEMALE TO 1-1/2" CONNECTION ON OUTLET.
- 7 3/8" FEMALE ADAPTOR FOR EXTENSION BY REFRIGERATION CONTRACTOR WITH PEX TUBING TO 8.24. AT 8.24, INSTALL 1/4" TO (2) 3/8" ADAPTOR FOR CONNECTION TO EQUIPMENT.
- 8 CAPPED, FUTURE CONNECTION TO FUTURE EQUIPMENT WITH 3/8" FEMALE ADAPTOR FOR EXTENSION BY REFRIGERATION CONTRACTOR.

NOTES:
1. PROVIDE WATER REGULATOR AND SET TO MFR. RECOMMENDATIONS ON EACH PIECE OF EQUIPMENT.
2. PROVIDE IN-LINE VALVE ABOVE COUNTER PRIOR TO CONNECTIONS TO EACH PIECE OF EQUIPMENT.
3. ALL FILTERED WATER AND MANIFOLD PIPING SHALL BE INSTALLED WITHIN THE CABINET SPACE AND NOT BEHIND THE CABINET IN THE PIPE SPACE.

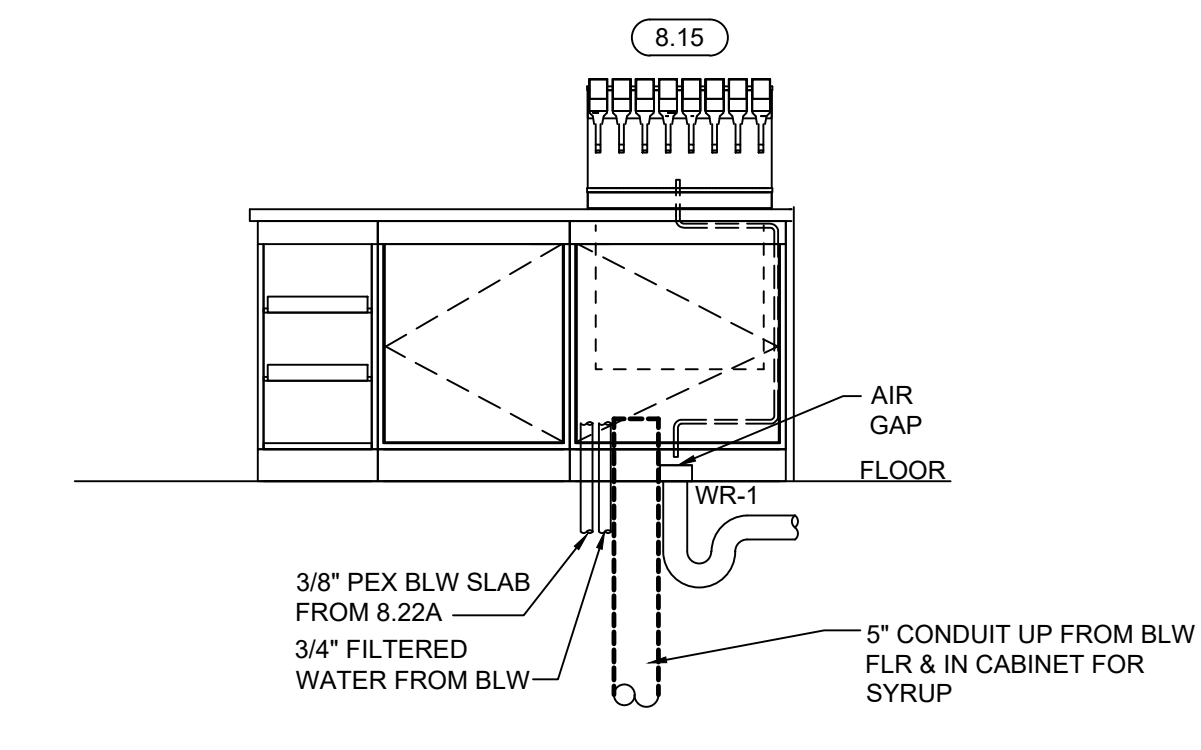


- 1 3/8" FEMALE ADAPTOR FOR EXTENSION BY REFRIGERATION CONTRACTOR WITH PEX TUBING TO 8.34.
- 2 ALL CONNECTIONS AND PIPING IN THIS AREA ARE BY REFRIGERATION CONTRACTOR.
- 3 3/8" FEMALE ADAPTOR FOR EXTENSION BY REFRIGERATION CONTRACTOR WITH PEX TUBING TO 8.75.
- 4 3/8" FEMALE ADAPTOR FOR EXTENSION BY REFRIGERATION CONTRACTOR WITH PEX TUBING. CAPPED FOR FUTURE EQUIPMENT.

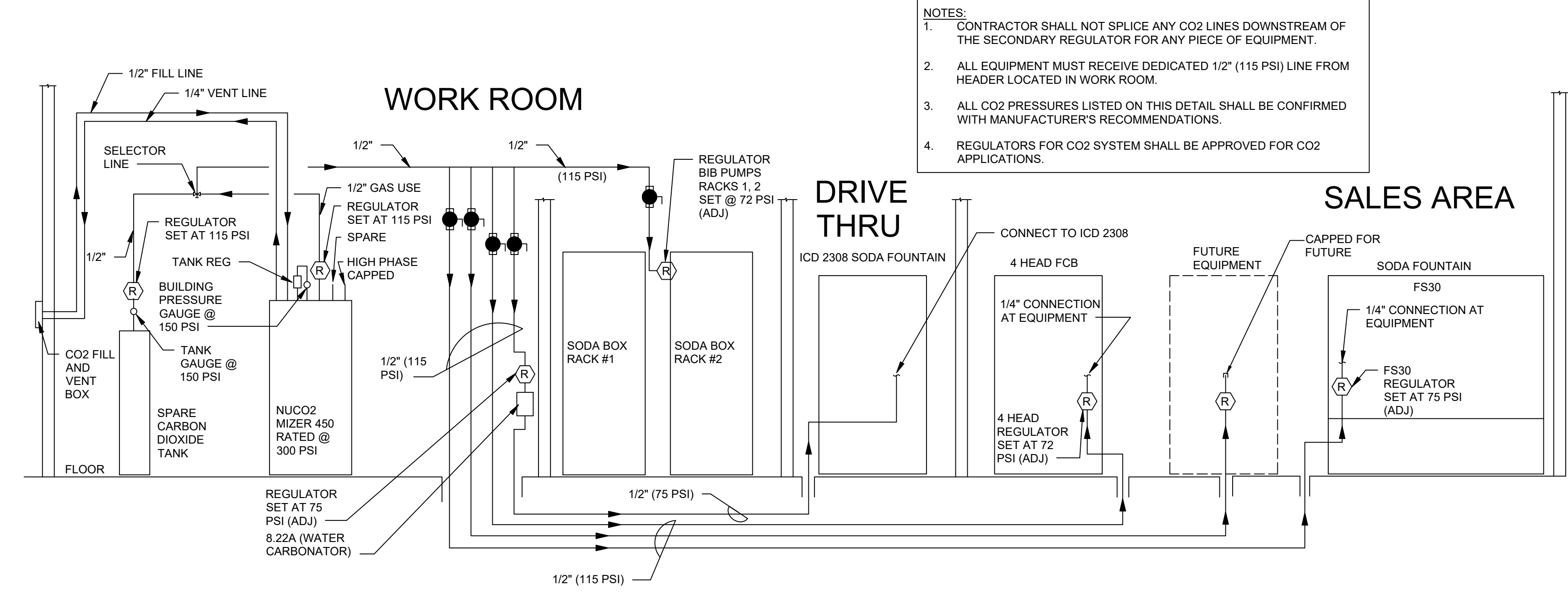
NOTES:
1. PROVIDE WATER REGULATOR AND SET TO MFR. RECOMMENDATIONS ON EACH PIECE OF EQUIPMENT.
2. PROVIDE IN-LINE VALVE ABOVE COUNTER PRIOR TO CONNECTIONS TO EACH PIECE OF EQUIPMENT.
3. ALL FILTERED WATER AND MANIFOLD PIPING SHALL BE INSTALLED WITHIN THE CABINET SPACE AND NOT BEHIND THE CABINET IN THE PIPE SPACE.

2 FOUNTAIN LINE - UNDERCOUNTER WATER MANIFOLD DETAIL
NTS

3 SHEETZ BROTHERS COFFEE FIXING AREA WATER MANIFOLD DETAIL
NTS



4 DRIVE THRU INTERIOR ELEVATION
NTS



5 CO2 INSTALLATION DETAIL
NTS

NOTES:
1. CONTRACTOR SHALL NOT SPLICE ANY CO2 LINES DOWNSTREAM OF THE SECONDARY REGULATOR FOR ANY PIECE OF EQUIPMENT.
2. ALL EQUIPMENT MUST RECEIVE DEDICATED 1/2" (115 PSI) LINE FROM HEADER LOCATED IN WORK ROOM.
3. ALL CO2 PRESSURES LISTED ON THIS DETAIL SHALL BE CONFIRMED WITH MANUFACTURER'S RECOMMENDATIONS.
4. REGULATORS FOR CO2 SYSTEM SHALL BE APPROVED FOR CO2 APPLICATIONS.

ISSUE: **02/08/21**
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REVIEW BY: DJA
SHEET TITLE

**PLUMBING
WATER
MANIFOLD AND
CO2 DETAILS**

P502

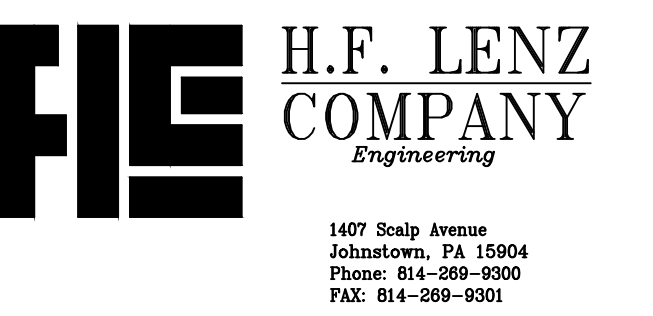
PERMIT REVIEW DRAWINGS

PROJECT NAME:
NEW SHEETZ STORE
CAMERON

SAWYER ROAD
CAMERON, NC
HARNETT COUNTY
PSR #214196

OWNER:
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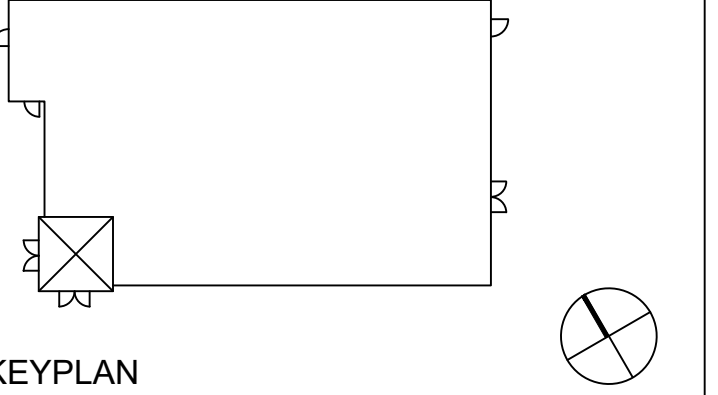
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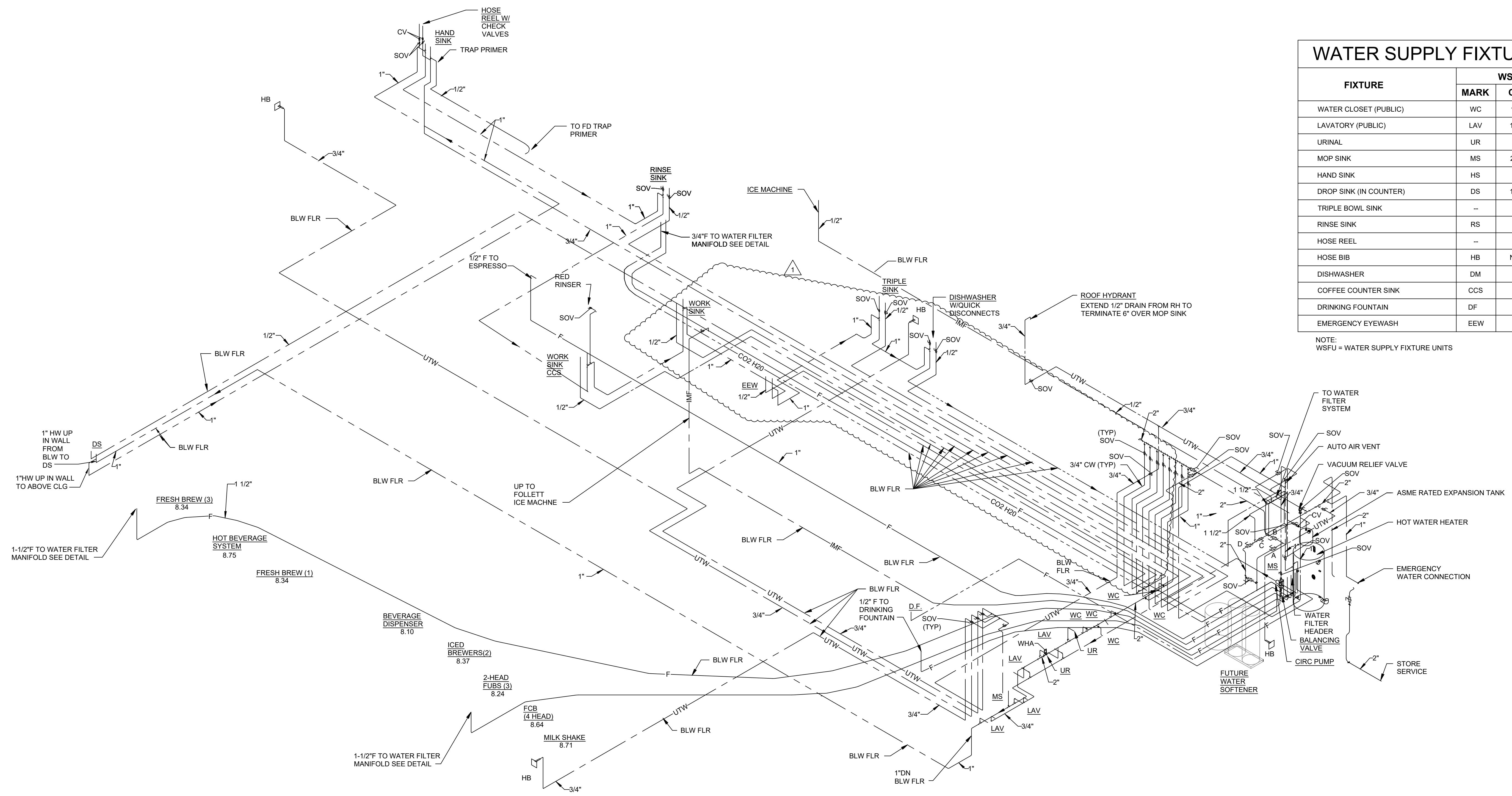
PROFESSIONAL



WATER SUPPLY FIXTURE UNITS

FIXTURE	WSFU VALUE			
	MARK	CW	HW	TOTAL
WATER CLOSET (PUBLIC)	WC	10	-	10
LAVATORY (PUBLIC)	LAV	1.5	1.5	2
URINAL	UR	5	-	5
MOP SINK	MS	2.5	2.5	3
HAND SINK	HS	1	1	1.5
DROP SINK (IN COUNTER)	DS	1.5	1.5	2
TRIPLE BOWL SINK	-	2	2	3
RINSE SINK	RS	1	1	1.5
HOSE REEL	-	1	1	2
HOSE BIB	HB	NA	-	-
DISHWASHER	DM	2	2	3
COFFEE COUNTER SINK	CCS	1	1	2
DRINKING FOUNTAIN	DF	1	-	2
EMERGENCY EYEWASH	EEW	1	1	2

NOTE:
WSFU = WATER SUPPLY FIXTURE UNITS



1 WATER PIPING ISOMETRIC
NTS

MARK	DATE	DESCRIPTION
02-08-21		ADDENDUM No. 1

ISSUE: **02/08/21**
PROJECT NO:
AUTHOR BY: RSS
REVIEW BY: DJA

**PLUMBING
WATER
RISER DIAGRAM**

P701

PERMIT REVIEW DRAWINGS

PROJECT NAME:
**NEW SHEETZ STORE
CAMERON**

SAWYER ROAD
CAMERON, NC
HARNETT COUNTY
PSR #214196

OWNER:
SHEETZ, INC.

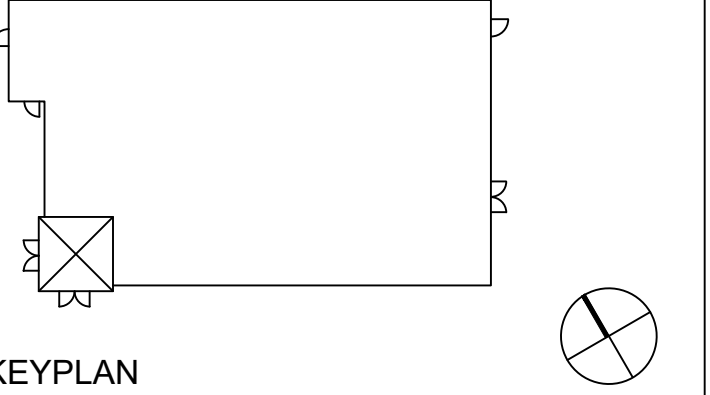
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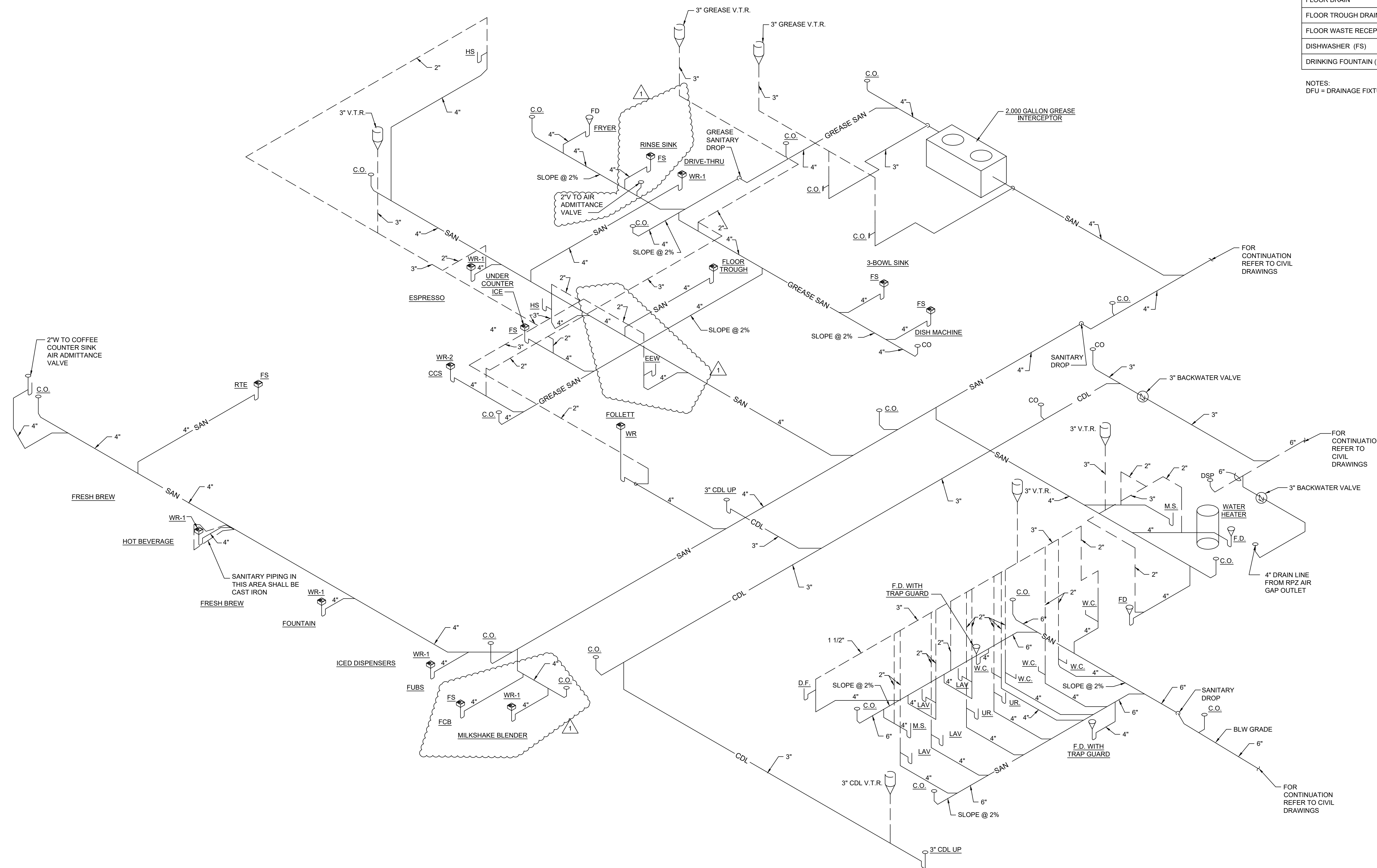
**PLUMBING
SANITARY RISER
DIAGRAM**

P702

SANITARY DFU SCHEDULE

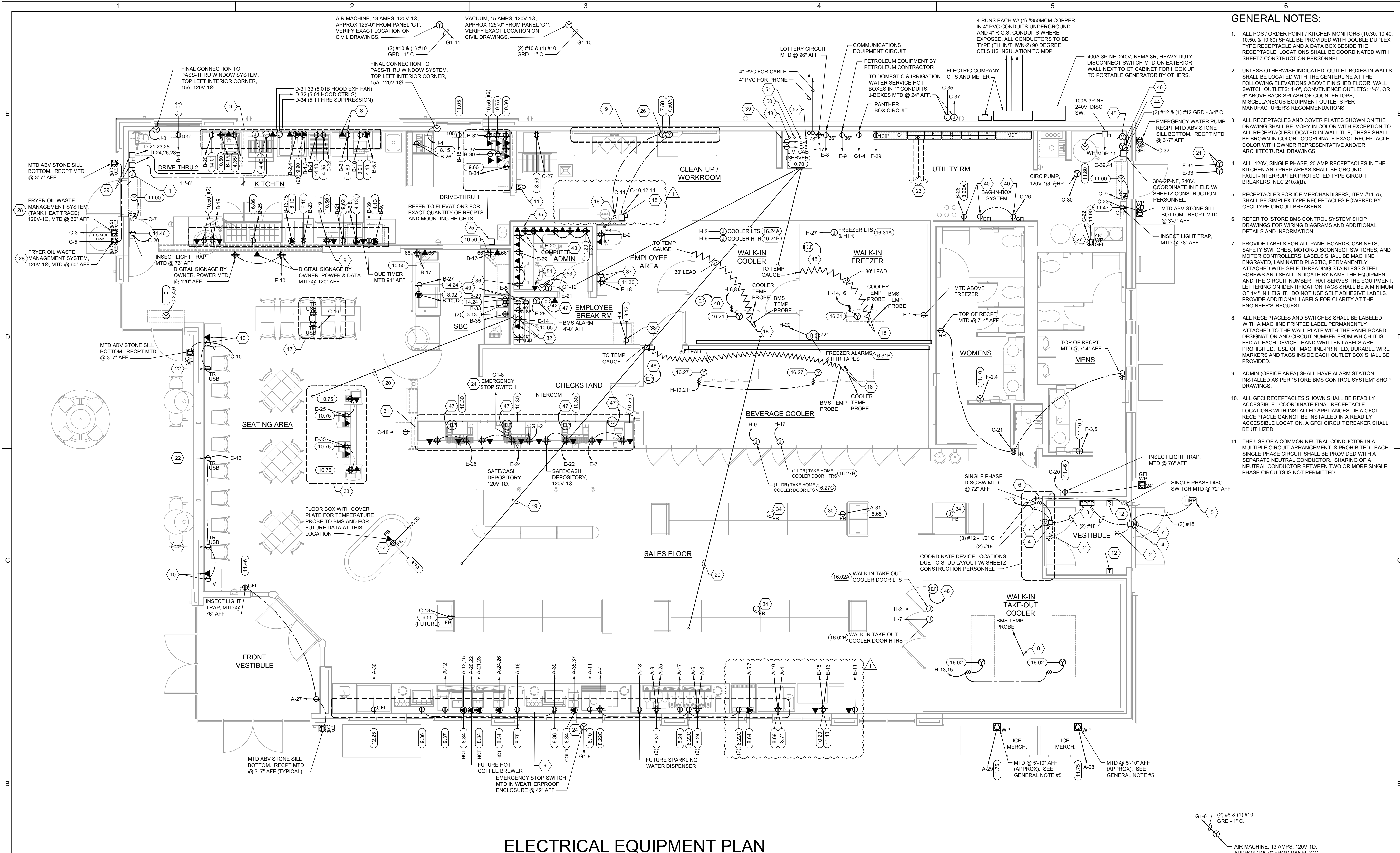
FIXTURE	MARK	DFU VALUE
WATER CLOSET (PUBLIC)	WC	4
LAVATORY (PUBLIC)	LAV	1
URINAL	UR	2
MOP SINK	MS	2
HAND SINK	HS	2
COFFEE COUNTER SINK	CCS	2
DROP SINK (IN COUNTER)	DS	2
TRIPLE BOWL SINK (FS)	-	6
RINSE SINK (FS)	RS	2
FLOOR SINK	FS	2
FLOOR DRAIN	FD	2
FLOOR TROUGH DRAIN	-	2
FLOOR WASTE RECEPTOR	WR	1
DISHWASHER (FS)	DM	2
DRINKING FOUNTAIN (DF)	DF	1

NOTES:
DFU = DRAINAGE FIXTURE UNITS



SANITARY & VENT PIPING ISOMETRIC
NOT TO SCALE

PERMIT REVIEW DRAWINGS



- ### GENERAL NOTES:
- ALL POS / ORDER POINT / KITCHEN MONITORS (10.30, 10.40, 10.50, & 10.60) SHALL BE PROVIDED WITH DOUBLE DUPLEX TYPE RECEPTACLE AND A DATA BOX BESIDE THE RECEPTACLE. LOCATIONS SHALL BE COORDINATED WITH SHEETZ CONSTRUCTION PERSONNEL.
 - UNLESS OTHERWISE INDICATED, OUTLET BOXES IN WALLS SHALL BE LOCATED WITH THE CENTERLINE AT THE FOLLOWING ELEVATIONS ABOVE FINISHED FLOOR: WALL SWITCH OUTLETS: 4'-0", CONVENIENCE OUTLETS: 1'-6", OR 8" ABOVE BACK SPLASH OF COUNTERTOPS. MISCELLANEOUS EQUIPMENT OUTLETS PER MANUFACTURER'S RECOMMENDATIONS.
 - ALL RECEPTACLES AND COVER PLATES SHOWN ON THE DRAWING SHALL BE IVORY IN COLOR WITH EXCEPTION TO ALL RECEPTACLES LOCATED IN WALL FILE. THESE SHALL BE BROWN IN COLOR. COORDINATE EXACT RECEPTACLE COLOR WITH OWNER REPRESENTATIVE AND/OR ARCHITECTURAL DRAWINGS.
 - ALL 120V, SINGLE PHASE, 20 AMP RECEPTACLES IN THE KITCHEN AND PREP AREAS SHALL BE GROUND FAULT INTERRUPTER PROTECTED TYPE CIRCUIT BREAKERS, NEC 210.8(B).
 - RECEPTACLES FOR ICE MERCHANTISERS, ITEM #11.75, SHALL BE SIMPLEX TYPE RECEPTACLES POWERED BY GFCI TYPE CIRCUIT BREAKERS.
 - REFER TO STORE BMS CONTROL SYSTEM SHOP DRAWINGS FOR WIRING DIAGRAMS AND ADDITIONAL DETAILS AND INFORMATION.
 - PROVIDE LABELS FOR ALL PANELBOARDS, CABINETS, SAFETY SWITCHES, MOTOR-DISCONNECT SWITCHES, AND MOTOR CONTROLLERS. LABELS SHALL BE MACHINE ENGRAVED, LAMINATED PLASTIC, PERMANENTLY ATTACHED WITH SELF-THREADING STAINLESS STEEL SCREWS AND SHALL INDICATE BY NAME THE EQUIPMENT AND THE CIRCUIT NUMBER THAT SERVES THE EQUIPMENT. LETTERING ON IDENTIFICATION TAGS SHALL BE A MINIMUM OF 1/4" IN HEIGHT. DO NOT USE SELF-ADHESIVE LABELS. PROVIDE ADDITIONAL LABELS FOR CLARITY AT THE ENGINEER'S REQUEST.
 - ALL RECEPTACLES AND SWITCHES SHALL BE LABELED WITH A MACHINE PRINTED LABEL PERMANENTLY ATTACHED TO THE WALL PLATE WITH THE PANELBOARD DESIGNATION AND CIRCUIT NUMBER FROM WHICH IT IS FED AT EACH DEVICE. HAND-WRITTEN LABELS ARE PROHIBITED. USE OF MACHINE-PRINTED, DURABLE WIRE MARKERS AND TAGS INSIDE EACH OUTLET BOX SHALL BE PROVIDED.
 - ADMIN (OFFICE AREA) SHALL HAVE ALARM STATION INSTALLED AS PER "STORE BMS CONTROL SYSTEM" SHOP DRAWINGS.
 - ALL GFCI RECEPTACLES SHOWN SHALL BE READILY ACCESSIBLE. COORDINATE FINAL RECEPTACLE LOCATIONS WITH INSTALLED APPLIANCES. IF A GFCI RECEPTACLE CANNOT BE INSTALLED IN A READILY ACCESSIBLE LOCATION, A GFCI CIRCUIT BREAKER SHALL BE UTILIZED.
 - THE USE OF A COMMON NEUTRAL CONDUCTOR IN A MULTIPLE CIRCUIT ARRANGEMENT IS PROHIBITED. EACH SINGLE PHASE CIRCUIT SHALL BE PROVIDED WITH A SEPARATE NEUTRAL CONDUCTOR. SHARING OF A NEUTRAL CONDUCTOR BETWEEN TWO OR MORE SINGLE PHASE CIRCUITS IS NOT PERMITTED.

- ### KEYNOTES ELSEWHERE THIS DRAWING:
- HOOD SUPPRESSION PULL STATION MOUNTED AT 48" ABOVE FINISHED FLOOR. PULL STATION SHALL BE SUPPLIED AND WIRED BY HOOD SUPPRESSION CONTRACTOR.
 - WIRE TO TRY CONTACTS ON DOOR OPERATOR ELECTRONIC CONTROL MODULE TO FIRE ALARM CONTROL PANEL. (IF PRESENT). PROVIDE (2) #18 AWG STP IN 1/2" CONDUIT.
 - DOUBLE PUSH PLATE MOUNTED IN ONE (1) 2 GANG ELECTRICAL BOX IN VESTIBULE. MOUNT DEVICE AT 34" AFF TO CENTER OF DEVICE.
 - DOOR OPERATOR ELECTRONIC CONTROL MODULE.
 - PEDESTAL WITH INTEGRATED PUSH PLATE
 - SINGLE PUSH PLATE MOUNTED IN SINGLE GANG ELECTRICAL BOX. ELECTRICAL BOX SHALL BE MOUNTED NO HIGHER THAN 48" AFF AND NO LOWER THAN 15" AFF. (ANSI 117.1 FIG. 308.3.1) COORDINATE EXACT LOCATION IN FIELD.
 - MOTOR / DOOR OPERATOR W/ ELECTRONIC CONTROL MODULE. 120V-1 Ø - 240 WATTS.
 - LABEL MINDER. 120V-1 Ø. (POWER & DATA) MOUNTED AT 48" ABOVE FINISHED FLOOR.
 - COORDINATE ALL CONDUIT AND PIPING LOCATED IN THIS AREA WITH OTHER TRADES PRIOR TO POUR OF FLOOR SLAB.
 - PROVIDE RECEPTACLE, EMPTY CABLE BOX AND RACEWAY IN CEILING FOR FUTURE TELEVISION CABLE. LOCATION OF RECEPTACLE AND CABLE BOX SHALL BE 9'-0" AFF ON WALL OF SEATING AREA. EXACT LOCATION SHALL BE DETERMINED AND COORDINATED IN THE FIELD WITH SHEETZ CONSTRUCTION PERSONNEL.
 - PROVIDE EDWARDS SIGNALING & SECURITY SYSTEMS. GENERAL PURPOSE BELL, 55 SERIES. PROVIDE LOW VOLTAGE TRANSFORMER AND ASSOCIATED WIRING TO TRANSMITTER & RECEIVER. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH SHEETZ CONSTRUCTION PERSONNEL. BELL SHALL BE ENERGIZED DURING THE HOURS OF 11 P.M. - 5 A.M. FROM THE BMS. COORDINATE WITH SHEETZ CONSTRUCTION PERSONNEL.
 - PROVIDE SCHNEIDER-ELECTRIC CO. TRANSMITTER & RECEIVER. CATALOG NUMBER, XUKIARCNL2, AT A MOUNTING HEIGHT OF 36" AFF. COORDINATE EXACT MOUNTING LOCATION WITH SHEETZ CONSTRUCTION PERSONNEL. TRANSMITTER & RECEIVER SHALL BE INTERLOCKED TO INITIATE EDWARDS GENERAL PURPOSE BELLS LOCATED WITHIN THE STORE.
 - 1" CONDUIT W/ GOOSENECK TURNDOWN FOR SATELLITE COMMUNICATION (VERIFY LOCATION IN FIELD).
 - ONE (1) HUBBELL PFB1 FLOOR BOX W/ PFB1A1 ADAPTOR, HUBBELL CR20 RECEPTACLE, S3925 DUPLEX COVER AND S5016 ADAPTOR RING FOR POWER TO COLD RTE MERCHANTISER CASE. ONE (1) HUBBELL PFB1 FLOOR BOX W/ PFB1A1 ADAPTOR, S3925 DUPLEX COVER AND S5016 ADAPTOR RING FOR DATA AT THIS LOCATION.
 - DISHWASHER HOT WATER BOOSTER PUMP DISC. SW. 60A-3P-NF, 240V MTD @ 60" AFF.
 - DISHWASHER DISC. SW., 20A-1P WITH THERMAL OVERLOADS MTD ON WALL @ 80" AFF.
 - REFER TO ARCHITECTURAL ELEVATIONS AND DETAILS FOR EXACT RECEPTACLE LAYOUT AND LOCATIONS AT HIGH-LOW TABLE. COORDINATE IN FIELD WITH SHEETZ CONSTRUCTION PERSONNEL.
 - TEMPERATURE PROBES TO BE LOCATED AT RETURN AIR ON EVAPORATOR, WITHIN 6" OF MANUFACTURERS TEMPERATURE SENSOR.
 - PROVIDE (1) 2" PVC OVERHEAD FROM COMIDATA SERVER AREA TO FRONT OF STORE FOR WIRELESS ACCESS POINTS. COORDINATE CONDUIT LOCATION WITH SHEETZ CONSTRUCTION PERSONNEL.
 - PROVIDE (1) 1" PVC OVERHEAD FROM WALL TO SALES AREA FOR WIRELESS ACCESS POINTS. COORDINATE CONDUIT LOCATION WITH SHEETZ CONSTRUCTION PERSONNEL.
 - PROVIDE FINAL CONNECTION TO DRIVE-THRU ORDER POINT POWER & LIGHTING VIA 2" UNDERGROUND PVC CONDUIT. REFER TO CIVIL DRAWINGS TO COORDINATE AND VERIFY EXACT LOCATION.
 - MOUNT RECEPTACLE SIDEWAYS ON WALL. CENTER OF RECEPTACLE SHALL BE MOUNTED @ 34" ABOVE FINISHED FLOOR.
 - HIGH VOLTAGE AND LOW VOLTAGE CONDUITS FOR GAS EQUIPMENT AND CANOPY LIGHTING SHALL BE RMC FOR A MINIMUM OF 10 FEET ON EITHER END. INSTALL UNDERGROUND, AND COVER WITH NOT LESS THAN 24" Ø COVER FROM TOP OF CONDUIT TO FINISH GRADE. SIZE AND QUANTITY OF CONDUITS ARE TO BE VERIFIED IN THE FIELD. REFER TO PETROLEUM DRAWINGS FOR ADDITIONAL INFORMATION AND DETAILS.
 - PROVIDE ADDITIONAL SPARE CONDUCTOR FOR E-STOP BACK TO ELECTRICAL ROOM. COORDINATE WITH PETROLEUM CONTRACTOR.
 - ROOM TEMPERATURE SENSOR FOR HIGH SPEED OVEN & FRYER EXHAUST FAN CONTROL PANELS MOUNTED AT 84" ABOVE FINISHED FLOOR.
 - PROVIDE 120V FINAL CONNECTION FOR DISHWASHER (C-11).
 - WATER SOFTENER SYSTEM, PROVIDE HUBBELL DEEP SINGLE GANG VERTICAL COVER. CAT. NO. RW57350
 - VALLEY PROTEINS, INC. FRYER OIL WASTE MANAGEMENT SYSTEM. COORDINATE WITH SHEETZ CONSTRUCTION PERSONNEL.
 - DUAL FRYER BATTERY (ITEM #4.40) SHALL BE CONNECTED TO 60A-3P, 240V, NON-FUSED DISCONNECT SWITCH.
 - ONE (1) HUBBELL PFB1 FLOOR BOX W/ PFB1A1 ADAPTOR, HUBBELL CR20 RECEPTACLE, S3925 DUPLEX COVER AND S5016 ADAPTOR RING FOR POWER TO ICE CREAM MERCHANTISER.
 - CHECKOUT COUNTER GENERAL ELECTRICAL NOTES:
1. ALL FRONT COUNTER RECEPTACLES SHALL BE DOUBLE DUPLEX TYPE RECEPTACLES LABELED W/ CIRCUIT NO. & PANEL.
2. ALL DATA CABLING SHALL BE PROVIDED IN THE TOP RACEWAY AND ALL BRANCH CIRCUIT WIRING SHALL BE PROVIDED IN THE LOWER RACEWAY.
3. ALL DATA OUTLET BOXES SHALL BE MOUNTED AT 30" AFF AND ALL POWER OUTLET BOXES SHALL BE MOUNTED AT 20" AFF.
 - INTERACTIVE KIOSK SYSTEM, 40" AFF TO THE UNDERSIDE OF UNIT. COORDINATE EXACT LOCATION IN THE FIELD WITH SHEETZ CONSTRUCTION PERSONNEL.
 - REFER TO ELEVATIONS FOR RECEPTACLE LAYOUT AND CIRCUITS FOR TOUCH SCREENS (10.60), AND DIGITAL SCREENS ON SALES AREA SIDE OF WALL.
 - ONE (1) HUBBELL PFB1 FLOOR BOX W/ PFB1A1 ADAPTOR, S3925 DUPLEX COVER AND S5016 ADAPTOR RING FOR FUTURE POWER AT THIS LOCATION.
 - RECEPTACLE MOUNTED @ 12" FROM CORNER & 7-7" AFF TO THE BOTTOM OF RECEPTACLE FOR MUZAK EQUIPMENT.
 - FOR GAS SIGN CONTROL CONNECTION
 - MOUNT SECURITY CABINET (11.30) TIGHT TO CEILING WITHIN WORK ROOM AREA.
 - FOLLET ICE MACHINE (ITEM NUMBER 8.12) RECEPTACLES MOUNTED AT APPROXIMATELY 114" AFF. COORDINATE EXACT MOUNTING HEIGHT IN FIELD WITH SHEETZ CONSTRUCTION PERSONNEL.
 - BRANCH CIRCUIT (E-4) SHALL BE CONTROLLED BY THE EMERGENCY STOP BUTTON.
 - RECEPTACLE MOUNTED ON WALL AT 108" ABOVE FINISHED FLOOR. CONFIRM IN FINAL HEIGHT AND LOCATION IN FIELD WITH SHEETZ CONSTRUCTION PERSONNEL.
 - ONE (1) HUBBELL FLUSH MOUNTED IN FLOOR RECTANGULAR CAST IRON 3-GANG FLOOR BOX W/ DIVIDERS, CAT. NO. B4333, COMPLETE W/ TWO (2) DUPLEX FLAP COVERS, CAT. NO. S3825 AND ONE (1) DATA FLAP COVER, CAT. NO. S3826, FOR POWER WIRING AND DATA CABING TO LOTTERY MACHINE AND ATM MACHINE.
 - ONE (1) HUBBELL FLUSH MOUNTED IN FLOOR RECTANGULAR CAST IRON 2-GANG FLOOR BOX W/ DIVIDER, CAT. NO. B4233, COMPLETE W/ ONE (1) DUPLEX FLAP COVER, CAT. NO. S3825 AND ONE (1) DATA FLAP COVER, CAT. NO. S3826, FOR POWER WIRING AND DATA CABING TO FUTURE LOTTERY MACHINE.
 - ALL ADMIN AREA RECEPTACLES SHALL BE DOUBLE DUPLEX TYPE RECEPTACLES. ALL RECEPTACLES & DATA OUTLETS IN ADMIN AREA SHALL BE MOUNTED @ 40" AFF, UNLESS NOTED OTHERWISE.
 - BOOSTER PUMP CONTROLLER PROVIDED BY OWNER. INPUT POWER - 208V-1Ø (CONTROLLER ONLY). OUTPUT POWER - 208V-3Ø. COORDINATE IN FIELD W/ SHEETZ CONSTRUCTION PERSONNEL. SEE PLUMBING DRAWINGS.
 - BOOSTER PUMP PROVIDED BY OWNER, 2 HP, 6.9 AMPS, 208V-3Ø. COORDINATE IN FIELD W/ SHEETZ CONSTRUCTION PERSONNEL. SEE PLUMBING DRAWINGS.
 - CABLE BETWEEN CONTROLLER TO PUMP MOTOR IS PRE-WIRED BY OTHERS.
 - EXTEND CONDUCTORS TO TRANSFORMER LOCATED IN UTILITY ROOM.
 - HELP BUZZERS IN WALK-IN COOLERS AND FREEZERS SHALL BE CEILING MOUNTED AND IN A SAFE LOCATION THAT WILL NOT INTERFERE WITH WIRE RACKS. EXTEND CONDUCTORS TO TRANSFORMER LOCATED IN UTILITY ROOM.
 - TWO RECEPTACLES. ONE MOUNTED @ 18" AFF FOR UNDERCOUNTER REFRIGERATOR, AND ONE MOUNTED @ 60" AFF FOR MICROWAVE. COORDINATE IN FIELD EXACT LOCATION AND MOUNTING HEIGHT WITH SHEETZ CONSTRUCTION PERSONNEL.
 - PROVIDE 1" CONDUIT W/ GOOSENECK TURNDOWN FOR MUZAK HEADEND EQUIPMENT (VERIFY LOCATION IN FIELD).
 - PROVIDE 1" CONDUIT W/ GOOSENECK TURNDOWN FOR DEF HEAT TRACE WIRING FOR EXTERIOR TEMPERATURE SENSOR (VERIFY LOCATION IN FIELD).
 - PROVIDE 1" CONDUIT W/ GOOSENECK TURNDOWN FOR LOTTERY HEADEND EQUIPMENT (VERIFY LOCATION IN FIELD).
 - TANK MONITOR SEE DETAIL
 - L.V. MTD @ 48" AFF

ELECTRICAL EQUIPMENT PLAN

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

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PROJECT NAME:
NEW SHEETZ STORE CAMERON

SAWYER ROAD
CAMERON, NC
HARNETT COUNTY
PSR #214196

OWNER:
SHEETZ, INC.

5700 SIXTH AVE.
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1407 Sulp Avenue
Johnstown, PA 15004
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CONSULTANT

PROFESSIONAL

KEYPLAN

MARK	DATE	DESCRIPTION
03/08/21		ADDITIONAL No. 1

ISSUE: **02/08/21**
PROJECT NO:
AUTHOR BY: WSP
REVIEW BY: DJA
SHEET TITLE

ELECTRICAL EQUIPMENT PLAN

E121

N.C. LICENSE NO. F-1080

PERMIT REVIEW DRAWINGS

PROJECT NAME:
**NEW SHEETZ STORE
CAMERON**

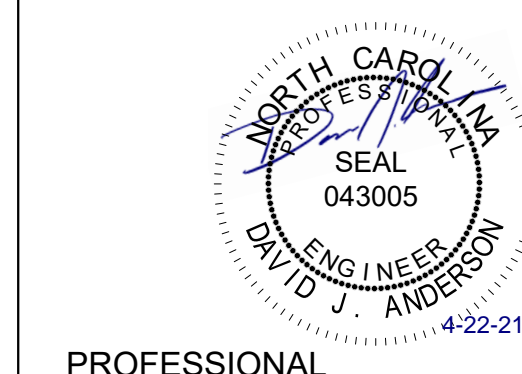
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CAMERON, NC
HARNETT COUNTY
PSR #214196

OWNER:
SHEETZ, INC.

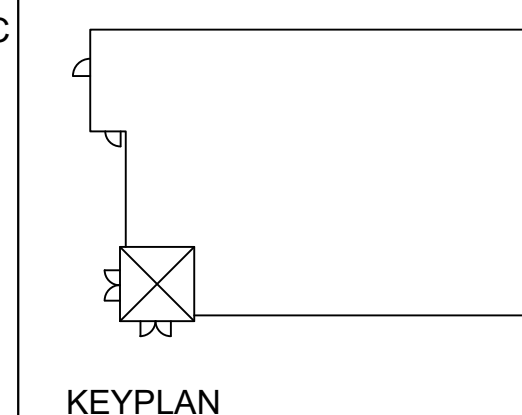
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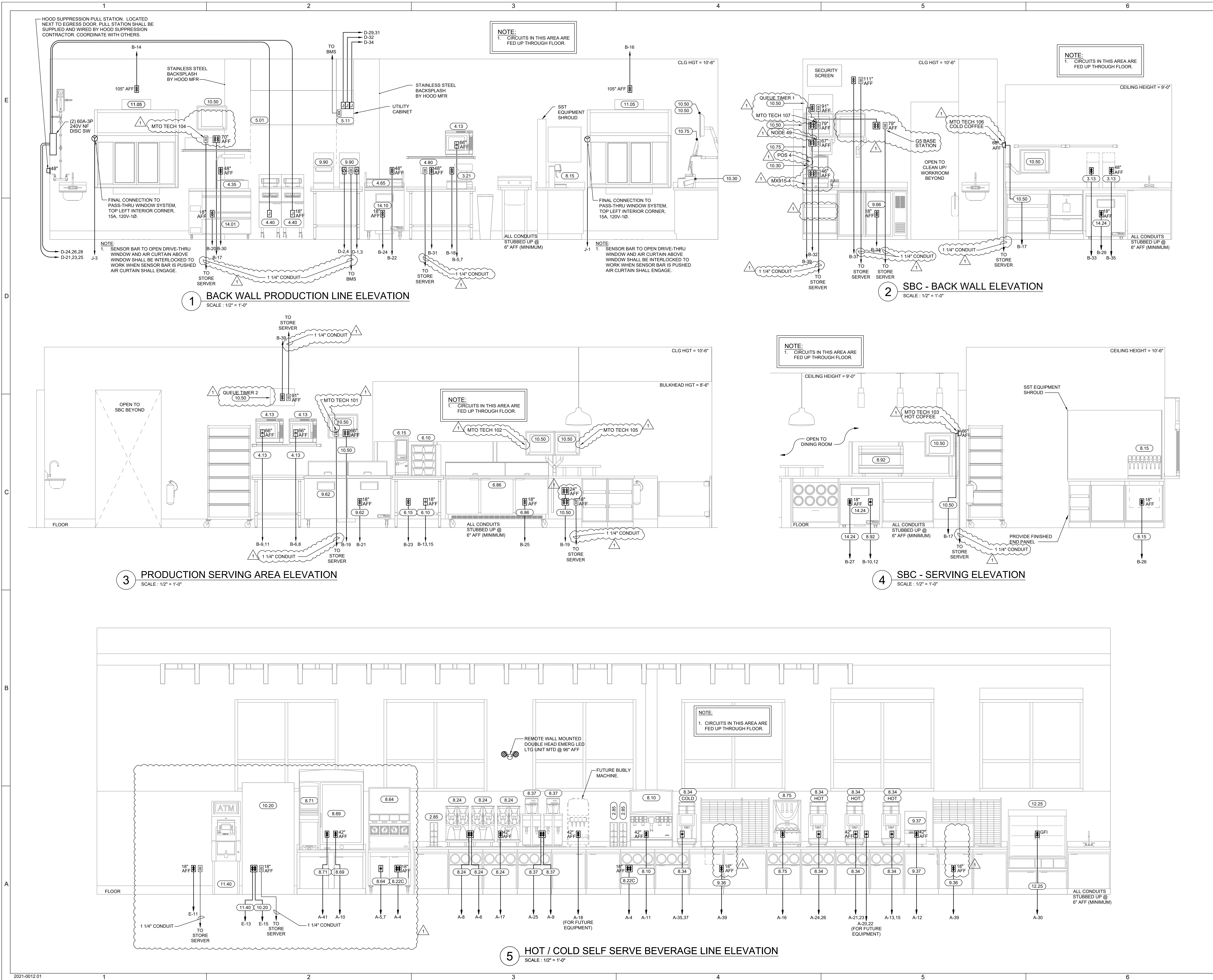
PROFESSIONAL



MARK	DATE	DESCRIPTION
Δ	03/08/21	ADDENDUM No. 1
ISSUE: 02/08/21		
PROJECT NO: _____		
AUTHOR BY: WSP		
REVIEW BY: DJA		
SHEET TITLE		
KITCHEN AND WORKROOM ELEVATIONS		

E301

PERMIT REVIEW DRAWINGS



FOOD SERVICE EQUIPMENT SCHEDULE

Table with columns: SYMBOL, QUANTITY, DESCRIPTION, MANUFACTURER, MODEL, ELECTRICAL REQUIREMENTS, CONNECTION HEIGHT, NEMA CONFIGURATION, WIRE SIZE, TERMINATE CIRCUIT WITH, SUPPLY FROM PANELBOARD. Lists various kitchen equipment like coolers, dispensers, and mixers with their specifications.

POINT OF SALE EQUIPMENT SCHEDULE

Table with columns: SYMBOL, QUANTITY, DESCRIPTION, MANUFACTURER, MODEL, ELECTRICAL REQUIREMENTS, CONNECTION HEIGHT, NEMA CONFIGURATION, WIRE SIZE, TERMINATE CIRCUIT WITH, SUPPLY FROM PANELBOARD. Lists POS equipment like lottery machines and cash registers.

NOTE FOR ITEM 10.70: STORE SERVER SHALL RUN THROUGH E-STOP CONTACTOR.

STORE EQUIPMENT CONNECTION SCHEDULE

Table with columns: SYMBOL, QUANTITY, DESCRIPTION, MANUFACTURER, MODEL, ELECTRICAL REQUIREMENTS, CONNECTION HEIGHT, NEMA CONFIGURATION, WIRE SIZE, TERMINATE CIRCUIT WITH, SUPPLY FROM PANELBOARD. Lists store equipment like air curtains, dryers, and printers.

GENERAL ELECTRICAL NOTE:
1. PROVIDE RECEPTACLE AS SPECIFIED IN FOOD SERVICE EQUIPMENT SCHEDULE. NO EQUALS.

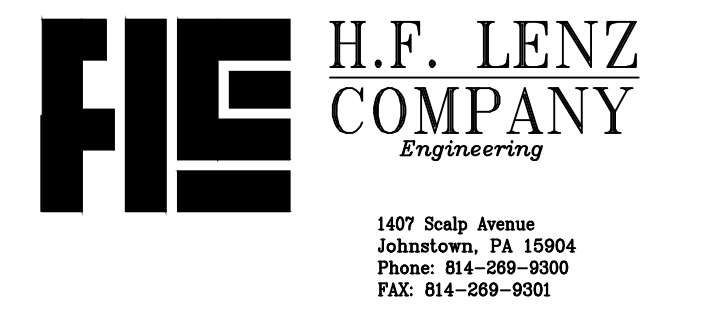
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PROJECT NAME:
NEW SHEETZ STORE
CAMERON

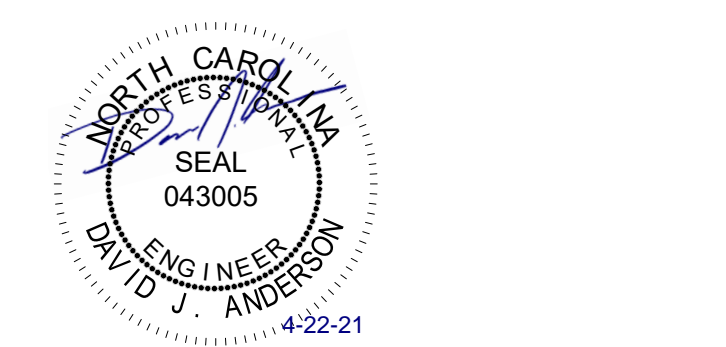
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PSR #214196

OWNER:
SHEETZ, INC.

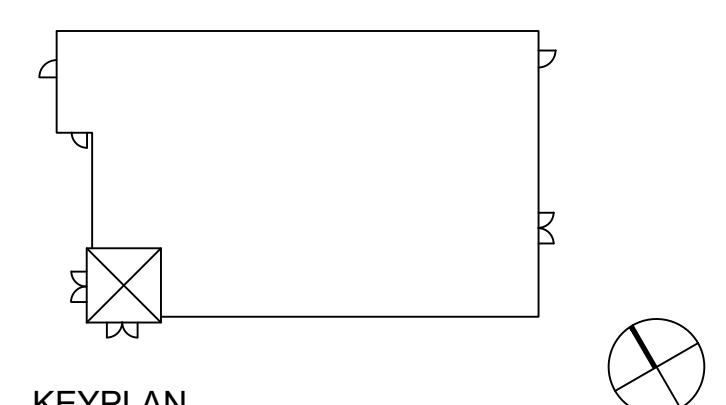
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KEYPLAN

Table with columns: MARK, DATE, DESCRIPTION. Includes a grid for tracking drawing revisions.

ISSUE: 02/08/21
PROJECT NO:
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SHEET TITLE

ELECTRICAL EQUIPMENT SCHEDULE

E601

PERMIT REVIEW DRAWINGS

N.C. LICENSE NO. F-1080