GENERAL NOTES FOR ALL PLUMBING WORK

DEMOLITION

- VERIFY EXACT LOCATIONS, ELEVATIONS AND CHARACTERISTICS OF UTILITIES AND PIPING BEFORE COMMENCEMENT OF WORK. AND IMMEDIATELY NOTIFY THE ARCHITECT OR ENGINEER OF ANY DISCREPANCIES.
- THE CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS PRIOR TO BEGINNING ANY WORK OR
- DRAWINGS DO NOT SHOW EVERY EXISTING PIPE. CONTRACTOR SHALL TAKE CARE TO REMOVE ONLY ITEMS REQUIRED TO BE REMOVED AND VERIFY OPERATION/FUNCTION OF PIPES BEFORE REMOVAL.
- REMOVAL OF ITEMS SHALL INCLUDE ASSOCIATED HANGERS, ANCHOR BOLTS AND OTHER APPURTENANCES. WHERE SUCH REMOVAL RESULTS IN OPEN HOLES, VOIDS OR EXPOSURE OF DAMAGED SURFACES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND FINISHING THE SURFACE TO MATCH ADJACENT CONDITIONS. THIS WORK SHALL BE COORDINATED WITH ARCHITECTURAL FINISH SCHEDULES WHERE APPLICABLE.
- BUILDING IS TO REMAIN OCCUPIED DURING CONSTRUCTION.
- REMOVE EXISTING PIPING NOT TO BE REUSED.
- ALL MATERIALS REMOVED UNDER DEMOLITION, NOT TO BE RELOCATED OR DESIGNATED TO BE TURNED OVER TO THE OWNER, SHALL BECOME THE PROPERTY OF THE CONTRACTOR, UNLESS OTHERWISE NOTED, AND SHALL BE REMOVED COMPLETELY FROM THE SITE.

GENERAL ITEMS

- GENERAL NOTES ON THIS DRAWING ARE APPLICABLE TO EACH PLUMBING DRAWING OF THIS SET. SEE EACH DRAWING FOR SPECIFIC NOTES APPLICABLE TO SPECIFIC SCOPE AREAS.
- VERIFY ALL MEASUREMENTS. NO EXTRA COMPENSATION WILL BE ALLOWED BECAUSE OF DIFFERENCES BETWEEN WORK SHOWN ON THE DRAWINGS AND ACTUAL MEASUREMENTS AT THE SITE OF CONSTRUCTION. DO NOT SCALE THE DRAWINGS, DRAWINGS ARE A DIAGRAMMATIC REPRESENTATION AND INTENDED TO CONVEY THE DESIGN OF THE SYSTEM.
- UPON COMPLETION OF THE WORK, THOROUGHLY CLEAN ALL EXPOSED PORTIONS OF EQUIPMENT PROVIDED AS WELL AS THE GENERAL SCOPE AREA. REMOVE ALL TRACES OF SOIL/DUST LABELS, GRADE, OIL, AND OTHER FOREIGN MATERIAL USING ONLY THE TYPE CLEANER RECOMMENDED BY THE MANUFACTURER OF ANY ITEM BEING CLEANED AND APPROVED BY OWNER FOR USE IN THE SCOPE AREA.
- CONTRACTOR SHALL DESIGNATE ONE PERSON TO SERVE AS PRIMARY POINT OF COMMUNICATION WITH PROJECT TEAM.
- WORK AMONG ALL TRADES SHALL BE FULLY COORDINATED AS REQUIRED IN THE FIELD TO AVOID SPACE CONFLICTS AND INTERRUPTION OF THE FLOW OF WORK. CONFLICTS SHALL BE IMMEDIATELY REPORTED IN WRITING TO THE ENGINEER AND OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL TAKE PROPER PRECAUTIONS TO PROTECT ANY EXISTING CONSTRUCTION AND ADJACENT PROPERTY, WITH WHICH WORK COMES IN CONTACT, AND OVER WHICH HE MAY TRANSPORT, HOIST OR MOVE MATERIALS, EQUIPMENT, DEBRIS, ETC., AND SHALL REPAIR SATISFACTORILY ALL DAMAGES CAUSED BY HIM DURING CONSTRUCTION.
- ALL EQUIPMENT AND FIXTURES SHALL BE NEW, UNLESS NOTED OTHERWISE, AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED RECOMMENDATIONS FOR THE SERVICE INTENDED. PROVIDE ONLY PRODUCTS
- BEARING UNDERWRITERS LABORATORIES (UL) LABEL, AS APPLICABLE. PROVIDE ALL EQUIPMENT MATERIALS, LABOR, SUPERVISION AND SERVICES NECESSARY FOR OR INCIDENTAL TO THE INSTALLATION OF A COMPLETE AND OPERATING HVAC OR PLUMBING SYSTEM AS SHOWN OR INDICATED ON THE DRAWING.
- PLUMBING FIXTURES SHALL BE FURNISHED AND INSTALLED COMPLETE WITH TRIM AND ALL OTHER APPURTENANCES REQUIRED TO CONNECT TO ROUGH-IN PIPING AT FLOORS AND WALLS UNLESS OTHERWISE SPECIFIED.
- ALL PLUMBING EQUIPMENT SHALL BE AS SCHEDULED OR APPROVED EQUAL.
- TERMINATE ALL VENT AND FLUE OUTLETS AT LEAST A MINIMUM OF 10 FEET FROM ANY FRESH AIR INTAKES.
- OVERHEAD PIPING IN SPACES WITHOUT HUNG CEILINGS SHALL BE RUN AS CLOSE TO ROOF DECK AS PRACTICAL, AS CLOSE TO PARALLEL JOISTS AS POSSIBLE, AND ABOVE LIGHTING FIXTURES TO CONCEAL PIPING.
- OVERHEAD PIPING IN SPACES WITH CEILINGS SHALL BE CONCEALED UNLESS OTHERWISE NOTED.
- PROVIDE PIPE SLEEVES LARGE ENOUGH TO ALLOW FOR REQUIRED LATERAL MOVEMENT OF PIPING.
- INSTALL ALL PLUMBING TO AVOID INTERFERENCE WITH ELECTRICAL AND MECHANICAL EQUIPMENT AND STRUCTURAL FRAMING, NO WATER OR DRAIN LINES PERMITTED OVER OR UNDER ELECTRICAL PANELS. INSURE THAT ALL WATER LINES INSIDE WALLS ARE ADEQUATELY SECURED.
- PROVIDE FAUCETS, TRAPS, STOPS, WALL CLEANOUTS, CLEANOUT COVERS, FLEX CONNECTIONS, AND SHUT OFF VALVES FOR A COMPLETELY INSTALLED & CONNECTED PLUMBING SYSTEM.
- SOIL, WASTE, AND DRAIN PIPING, 2" AND LARGER SHALL BE DWV SCHEDULE 80 PVC WASTE PIPING BELOW THE SLAB SHALL HAVE HUB & SPIGOT FITTING WITH DWV SCHEDULE 80 PVC JOINTS. PVC PIPING ABOVE SLAB SHALL BE DWV
- 18. VENT PIPING SHALL BE DWV SCHEDULE 40 PVC.
- DOMESTIC HOT AND COLD WATER PIPING SHALL BE TYPE 'L' HARD DRAWN WROUGHT COPPER.
- CONTRACTOR TO PROVIDE AND INSTALL CLAMPING RINGS / COLLARS FOR ALL FLOOR DRAINS, FLOOR SINKS, FLOOR CLEANOUTS AND ANY OTHER PLUMBING FLOOR PENETRATIONS. MAKE WATER CONNECTIONS WITH WATER PROOFING MEMBRANE.
- PROVIDE MEANS OF BACK FLOW PREVENTION FOR ALL WATER OUTLETS PER
- EXERCISE CAUTION IN INSTALLING RUNOUTS AND BRANCH PIPING FROM MAINS
- ALLOWING FOR EXPANSION MOVEMENT MAINTAIN A MINIMUM CLEARANCE FOR LIGHTS OF 7" ABOVE FINISHED CEILING AND 1" MINIMUM BELOW ALL PIPES OR ANY OTHER EQUIPMENT IN THE CEILING SPACE. MAINTAIN MANUFACTURER'S RECOMMENDED SERVICE ACCESS
- THE DIAMETER OF THE SUPPLY PIPE AT ANY GAS FIRED EQUIPMENT SHALL NOT BE OF A SMALLER SIZE THAN THE INLET CONNECTION TO THE EQUIPMENT.
- ALL VALVES SHALL BE RATED FOR 200 LB. WOG.

CLEARANCE AT ALL EQUIPMENT.

- ARRANGE PIPING AND DUCTWORK, PARTICULARLY ABOVE CEILING, AS REQUIRED TO CLEAR STRUCTURE, DUCTS, CONDUITS, ETC., ALLOWING SPACE FOR PIPE HANGERS, EXPANSION LOOPS AND ACCESS TO VALVES, FILTERS, AND MAINTENANCE OF EQUIPMENT.
- COORDINATE LOCATION AND INSTALLATION OF EQUIPMENT WITH OTHER TRADES. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF DOORS, WINDOWS, ETC.
- PIPING, DUCTWORK, VENTS, ETC., EXTENDING THROUGH EXTERIOR WALLS AND ROOF SHALL BE FLASHED AND COUNTER FLASHED IN A WEATHERPROOF
- VALVES AND SPECIALTIES SHALL BE LINE SIZE EXCEPT FOR CONTROL VALVES OR UNLESS NOTED OTHERWISE.

- EXTEND DRAIN LINES TO NEAREST FLOOR DRAIN OR AS INDICATED. ROUTING SHALL NOT INTERFERE WITH PASSAGEWAYS AND MAINTENANCE. DRAINS FROM AIR CONDITIONING CONDENSATE DRAIN PANS SHALL BE TRAPPED. SLOPE CONDENSATE DRAIN PIPING AT 1/4" PER FOOT. VERIFY INVERT IS ESTABLISHED AFTER AIR HANDLING UNIT IS INSTALLED BUT PRIOR TO DUCTWORK
- HVAC EQUIPMENT CONTAINING AIR CONDITIONING COILS WHICH DO NOT HAVE A SECONDARY DRAIN OR AUXILIARY DRAIN PAN SHALL BE FITTED WITH A WATER LEVEL SENSOR IN THE PRIMARY DRAIN PAN. THE SENSOR SHALL BE WIRED TO DE-ENERGIZE THE EQUIPMENT IF WATER RISES ABOVE THE DRAIN OUTLET.
- INSULATE DOMESTIC HOT AND COLD WATER LINES 1/2" THICK WITH OWENS CORNING FIBERGLASS 25 ASJ, JOHNS-MANVILLE AP OR APPROVED EQUAL, SEALED TO PREVENT SWEATING AND CONTINUOUS THROUGH WALLS, FLOORS,
- PIPING AND DUCTWORK INSULATION SHALL BE RUN CONTINUOUSLY THROUGH NON-RATED FLOORS, WALLS, ROOF AND PARTITIONS, UNLESS OTHERWISE INDICATED.
- 35. NO PIPING SHALL BE SMALLER THAN 1/2" UNLESS OTHERWISE NOTED.
- RUNOUTS SHALL PITCH DOWN IN DIRECTION OF FLOW A MINIMUM OF 1" IN 3'-0".
- FOR PIPE SIZES NOT INDICATED ON PLANS, SEE EQUIPMENT CONNECTION DETAILS, FLOW DIAGRAMS, RISER DIAGRAMS AND PIPE SIZING SCHEDULE.
- PROVIDE UNION OR FLANGED CONNECTIONS AT EACH PIECE OF EQUIPMENT AND ON BOTH SIDES OF CONTROL VALVES AND PRESSURE REGULATING
- VALVES. PROVIDE SHUT-OFF VALVES ON BOTH SIDES OF AUTOMATIC VALVES.

RELIEF VALVE PIPING SHALL BE EXTENDED TO THE NEAREST FLOOR DRAIN.

- PROPERLY SUPPORT ALL EQUIPMENT AND PIPING WITHIN THE BUILDING AND PROVIDE ADEQUATE PROVISIONS FOR SLOPE AND ANCHORAGE. PROVIDE ALL MATERIALS REQUIRED FOR THE SUPPORT OF SUCH ITEMS INCLUDING RODS. ANGLES, ETC., TO PROPERLY SUPPORT ALL ITEMS IN A PROPER AND SAFE MANNER. CONTRACTOR SHALL USE HANGER'S RODS, INSERTS ETC. LISTED BY UNDERWRITERS' LABORATORIES FOR THE SERVICE INTENDED. HANGERS FOR COPPER PIPING SHALL BE COPPER PLATED. SECURELY SUPPORT ALL EQUIPMENT FROM STRUCTURAL MEMBERS PROVIDED AS NEEDED. WHICH IN TURN ARE TO BE SUPPORTED DIRECTLY FROM THE BUILDING STRUCTURE. ALI HANGERS SHALL HAVE A MINIMUM FACTOR OF SAFETY OF 5. PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH THE SPECIFICATIONS. ADDITIONAL SUPPORTS OR HANGERS SHALL BE ADJACENT TO ELBOWS, TO PREVENT WEIGHT OF PIPING BEING PLACED ON THE EQUIPMENT.
- INSTALL ANCHORS AND EXPANSION LOOPS WHERE INDICATED AND WHERE REQUIRED TO ALLOW FOR EXPANSION.
- SUITABLE FLASHINGS FOR OPENINGS IN THE BUILDING WALLS, FLOOR OR ROOF SHALL BE FURNISHED BY THE CONTRACTOR PROVIDING THE PENETRATING ITEM. THE INSTALLATION OF THE FLASHING AND ITS WATERTIGHT INTEGRITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR THAT PROVIDES THE SEALING AND FINISHING OF THE FLASHING, IN ALL CASES, THE FLASHING MATERIAL AND ITS INSTALLATION SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR FLASHINGS FOR PENETRATIONS MAY ALSO BE PROVIDED ENTIRELY BY THE GENERAL CONTRACTOR. ALSO, REFER TO THE ARCHITECT'S
- ACCESSIBILITY REQUIREMENTS. (REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION/REQUIREMENTS).

SPECIFICATIONS TO COORDINATE THE COMPLETENESS OF THIS ITEM.

- THE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF REGULATIONS, CODES AND ORDINANCES REGARDING HANDICAPPED PERSONS. IT IS ASSUMED THAT THE CONTRACTOR IS ALSO KNOWLEDGEABLE OF SAME AND THEIR APPLICATION WITH REGARD TO HIS WORK.
- THE CONTRACTOR SHALL VERIFY AND COORDINATE THE TYPE OF EQUIPMENT BEING INSTALLED AND ITS LOCATION, MOUNTING HEIGHT AND CLEARANCES AS PRESCRIBED BY ALL APPLICABLE HANDICAP REGULATIONS, CODES AND ORDINANCES PRIOR TO PLACING
 - GENERAL LISTING OF MOUNTING HEIGHTS: HEIGHT TO CENTER LINE ABOVE FINISHED FLOOR WATER COOLER TOILETS 17"-19" TO RIM

EQUIPMENT ORDERS AND PRIOR TO INSTALLATION OF ALL WORK.

- 17" TO RIM URINALS FLUSH VALVES THERMOSTATES, SWITCHES, ETC. 48" MAXIMUM RECEPTACLES 15" MINIMUM
- CONTRACTOR SHALL PROVIDE ALL DIMENSIONS FOR BLOCK OUTS, SLEEVES, ETC., AND THE DIMENSIONED LOCATIONS OF SAME.
- 45. SEE ELECTRICAL DRAWINGS FOR LOCATION OF MOTOR STARTERS. THROUGH-PENETRATION FIRESTOP ASSEMBLIES
- PROVIDE UL LISTED THROUGH-PENETRATION ASSEMBLIES FOR FIREWALLS AND
- FLOORS. REVIEW ARCHITECTURAL DRAWINGS FOR FIRE PARTITION LOCATIONS AND UL LISTINGS. **MAINTENANCE**
- EQUIPMENT WITH FILTERS SHALL BE INSTALLED SO THAT FILTERS CAN BE EASILY REMOVED AND REPLACED.
- EQUIPMENT INSTALLED ABOVE CEILINGS SHALL BE MOUNTED APPROX. 12" ABOVE CEILING (UON) FOR MAINTENANCE ACCESS. INSTALL PIPE RUNS AT LEAST 6" ABOVE CEILING TILES. WHERE PRACTICAL INSTALL VALVES, AND OTHER MAINTAINABLE DEVICES LOW ENOUGH TO REACH WITH AN 8'-0" LADDER.
- PROVIDE ACCESS TO ANY INSPECTION OR MAINTAINABLE DEVICE, EQUIPMENT, ETC. - ACCESS OR ACCESS DOOR SHALL BE OF ADEQUATE SIZE TO WORK ON
 - EXAMINE MANUFACTURER'S LITERATURE TO DETERMINE RECOMMENDED CLEARANCES. THESE CLEARANCES SHALL BE ESTABLISHED AND MAINTAINED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THESE REQUIREMENTS WITH ALL OTHER TRADES.



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FRITO-LAY

LIBERTY PLANT

PLANT ADDITION 89 MILL ST LIBERTY, NY 12754

Project Number: 2021-213 Drawing Date: 17 AUG 2022 Drawn: RM Checked: CBC

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NTS

Revisions:

Scale:

Revision Date Revision Description 17 AUG 2022 ISSUE FOR PERMIT 2 02 SEPT 2022 OWNER REVIEW

Sheet Title:

GENERAL NOTES AND LEGENDS

AFF ABOVE FINISH FLOOR AFG ABOVE FINISH GRADE AH AIR HANDLER AHU AIR HANDLING UNIT AMB AMBIENT AUX AUXILIARY. AUXILIARIES BLDG BUILDING BOP BO BTU BRITISH THERMAL UNIT BTUH BRITISH THERMAL UNIT PER HOUR DFU CAT CATALOGUE

CDA CLEAN DRY AIR

CI CAST IRON

CONDENSATE DRAIN

CFH CUBIC FEET PER HOUR

CFM CUBIC FEET PER MINUTE

CHWR CHILLED WATER RETURN

CHWS CHILLED WATER SUPPLY

AMPS. AMPERE

AIR CONDITIONER

ABC ABOVE COUNTER

ABOVE

ADJ ADJACENT

CLG CEILING CO CLEAN OUT COL COLUMN CONC CONCRETE ALTERNATING CURRENT CONST CONSTRUCTION CONT CONTINUOUS CONTR CONTRACTOR CT COOLING TOWER CW DOMESTIC COLD WATER DFPTH DB DRY BULB DRAINAGE FIXTURE UNITS

DS DOWNSPOUT

DTL DETAIL

ABBREVIATIONS (NOTE: ALL ABBREVIATIONS MAY NOT APPEAR ON DRAWINGS)

COP COEFFICIENT OF PERFORMANCE CVO COLD WATER VALVED OPENING CWR CONDENSER WATER RETURN CWS CONDENSER WATER SUPPLY DEIONIZED (WATER) DIA DIAMETER DIWR DEIONIZED WATER RETURN DIWS DEIONIZED WATER SUPPLY DIFF DIFFUSER DN DOWN

FA

FD

FIRE DAMPER

FLOOR DRAIN

FINISH FLOOR

DWG DRAWING EACH EAT ENTERING AIR TEMPERATURE EDH ELECTRIC DUCT HEATER EER ENERGY EFFICIENCY RATIO FI FVATION ELEC ELECTRICAL ELEV ELEVATOR EMER EMERGENCY EQ EQUAL EQUIP EQUIPMENT

F/A ESP EXTERNAL STATIC PRESSURE GALV GALVANIZED ETR EXISTING TO REMAIN EWT ENTERING WATER TEMPERATURE EXH EXHAUST EXIST EXISTING EXP EXPANSION DEGREES FAHRENHEIT HORIZ HORIZONTAL FIRE ALARM HP HORSEPOWER FREE AREA HTG HEATING FCU FAN COIL UNIT HWR DOMESTIC HOT WATER RETURN HWS DOMESTIC HOT WATER SUPPLY

FIXT FIXTURE FLOW LINE FPM FEET PER MINUTE FPW FAN POWERED VARIABLE VOLUME IPC INTERNATIONAL PLUMBING CODE TERMINAL UNIT FEET FROM ABOVE FROM BELOW GROUND

GAUGE

GALLONS

HEIGHT

HHWR HEATING HOT WATER RETURN

HHWS HEATINGHOT WATER SUPPLY

HEAD

IN INCHES KW KILOWATT KWH KILOWATT - HOUR L LENGTH LAT LATENT (BTU) GENERAL CONTRACTOR LB POUNDS (WEIGHT GPH GALLONS PER HOUR LIN FT LINEAR FOOT GPM GALLONS PER MINUTE LN2 LIQUID NITROGEN GAS MAX MAXIMUM

MECH MECHANICAL

MISC MISCELLANEOUS

MIN MINIMUM

IN WC INCHES WATER COLUMN IWW INDUSTRIAL WASTE WATER LAT LEAVING AIR TEMPERATURE LWT LEAVING WATER TEMPERATURE MBH THOUSAND BTU PER HOUR MCB MAIN CIRCUIT BREAKER MCC MOTOR CONTROL CENTER MCF THOUSAND CUBIC FEET

IFGC INTERNATIONAL FUEL GAS CODE

IMC INTERNATIONAL MECHANICAL

MTRZD MOTORIZED MVD MANUAL VOLUME DAMPER N2 NITROGEN GAS NOT APPLICABLE NORMALLY CLOSED NEC NATIONAL ELECTRICAL CODE NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION NFPA NATIONAL FIRE PROTECTION ASSOCIATION NIC NOT IN CONTRACT NO NORMALLY OPEN NO NUMBER NTS NOT TO SCALE

MTR MOTOR

OUNCE

QTY RA RETURN AIR REF REFERENCE REFR REFRIGERATOR OUTSIDE AIR REQ'D REQUIRED OBD OPPOSED BLADE DAMPER RLA RUNNING LOAD AMPS OC ON CENTER RPM REVOLUTIONS PER MINUTE OUTSIDE DIAMETER ODS OVERFLOW DOWNSPOUT RQMT REQUIREMENT RTU ROOF TOP UNIT PRESSURE DROP SA SUPPLY AIR PCR PROCESS CHILLED WATER

PLBG PLUMBING PSI POUNDS PER SQUARE INCH PSIA POUNDS PER SQUARE INCH-ABSOLUTE PSIG POUNDS PER SQUARE INCH-PVC POLYVINYL CHLORIDE PWR POWER QUANTITY RCP REFLECTED CEILING PLAN RCP REFORCED CONCRETE PIPE

PERF PERFORATED

SD STORM DRAIN

CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION STATIC PRESSURE SPECS SPECIFICATIONS SQ SQUARE SQFT SQUARE FEET SS. SAN SANITARY SEWER STD STANDARD SURF SURFACE SYM SYMMETRICAL T-STAT THERMOSTAT TC TIMECLOCK TOT TOTAL (BTU)

PCS PROCESS CHILLED WATER SUPPLY SEER SEASONAL ENERGY EFFICIENCY

SENS SENSIBLE (BTU)

SHTMTL SHEET METAL

SiH4 SILANE

TYP TYPICAL

UF UNDERFLOOR

SFU SUPPLY FIXTURE UNITS

SMACNA SHEET METAL & AIR

W WIDTH WB WET BULB WH WATER HEATER WP WEATHERPROOF WPO WASTE PLUGGED OPENING WT WEIGHT

UNO UNLESS NOTED OTHERWISE

VAV VARIABLE AIR VOLUME

VPO VENT PLUGGED OPENING

VTR VENT THRU THE ROOF

VV VARIABLE VOLUME TERMINAL UNIT

VA VALVE

VAC VACUUM

VENTIL VENTILATION

VIF VERIFY IN FIELD

VERT VERTICAL

KEYED NOTES

1 PROVIDE AND INSTALL TYPE "K" COPPER WATER LINE BELOW GRADE,
APPROXIMATE INVERT AS NOTED ON PLANS. REFERENCE CIVIL PLANS FOR

MARK COMMENT

- CONNECTION/CONTINUATION.

 2 PROVIDE AND INSTALL SCHEDULE 80 SANITARY LINE UP TO DRAIN, COMPLETE WITH
- P-TRAP AND TRAP PRIMER. SIZE DRAIN AS NOTED.

 3 PROVIDE AND INSTALL SCHEDULE 80 PVC SANITARY LINE. ROUTE AS INDICATED WITH A MINIMUM 1/8" PER FOOT SLOPE.
- 4 PROVIDE AND INSTALL SCHEDULE 80 PVC SANITARY LINE BELOW GRADE, APPROXIMATE INVERT AS NOTED ON PLANS. REFERENCE CIVIL PLANS FOR CONNECTION/CONTINUATION.

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LIBERTY PLANT

PLANT ADDITION 89 MILL ST LIBERTY, NY 12754

Project Number: 2021-213
Drawing Date: 17 AUG 2022
Drawn: RM
Checked: CBC

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Revisions:

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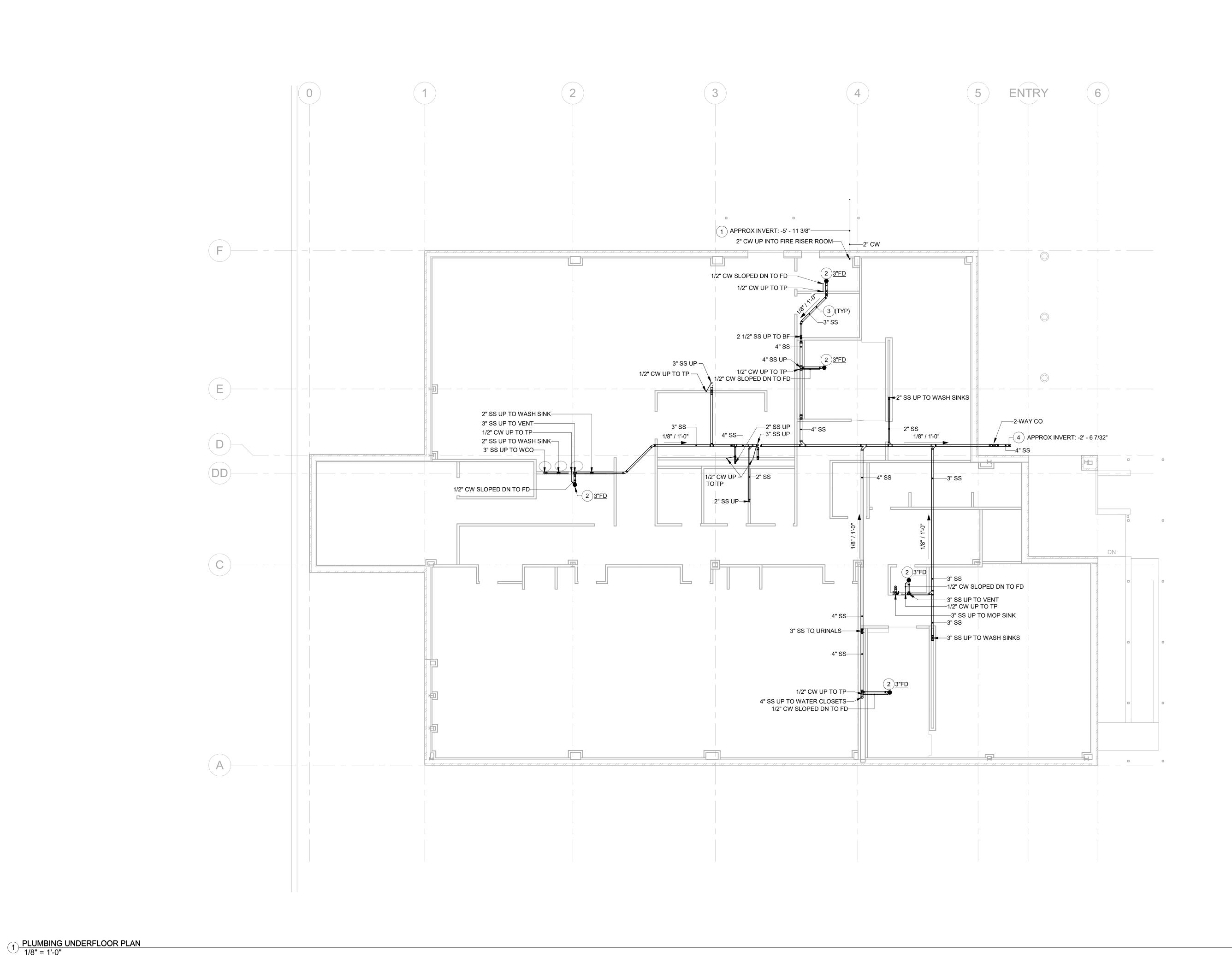
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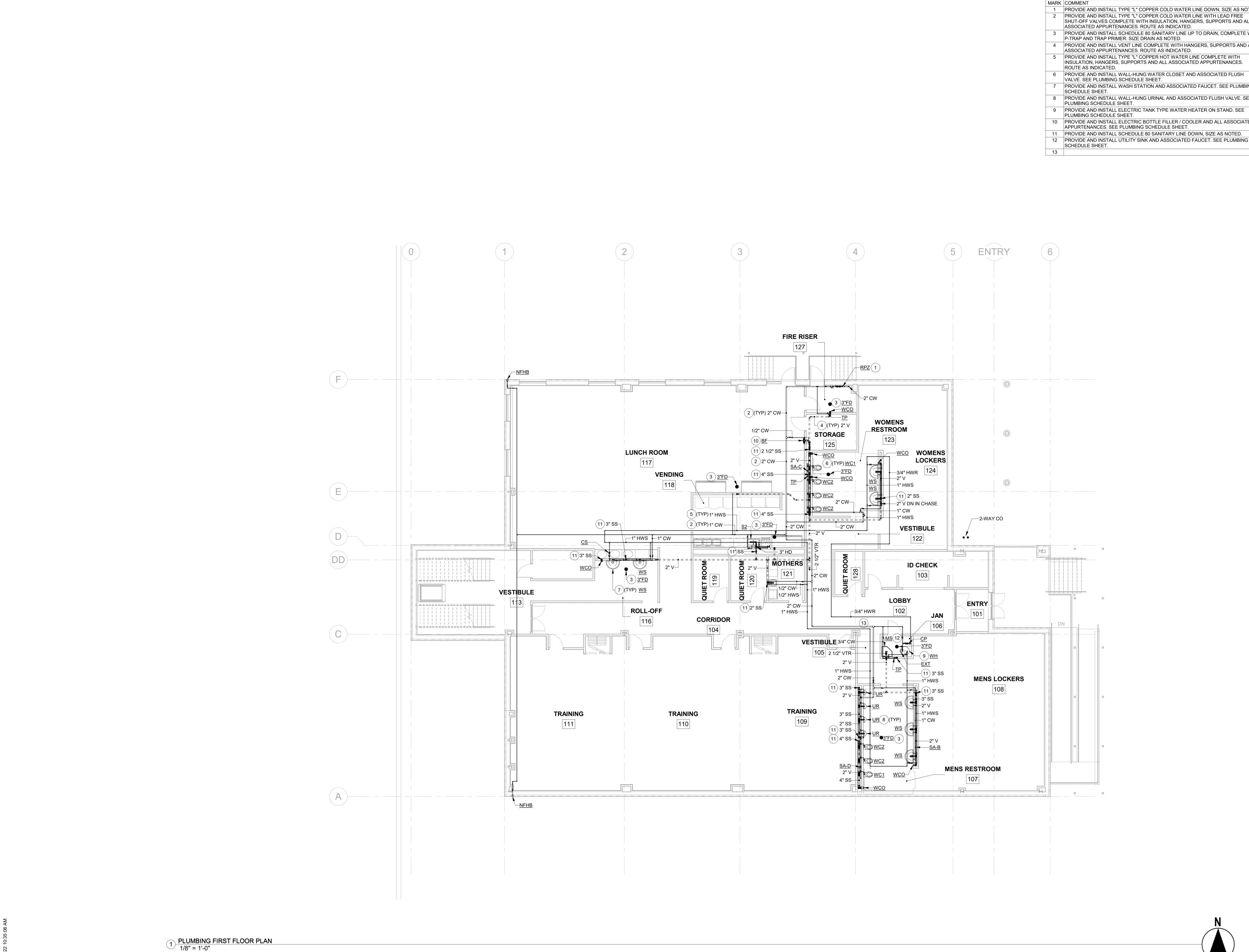
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PLUMBING UNDERFLOOR PLAN

P2.00





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- 1 PROVIDE AND INSTALL TYPE "L" COPPER COLD WATER LINE DOWN, SIZE AS NOTED.
- 2 PROVIDE AND INSTALL TYPE "L" COPPER COLD WATER LINE WITH LEAD FREE SHUT-OFF VALVES COMPLETE WITH INSULATION, HANGERS, SUPPORTS AND ALL ASSOCIATED APPURTENANCES. ROUTE AS INDICATED.
- 3 PROVIDE AND INSTALL SCHEDULE 80 SANITARY LINE UP TO DRAIN, COMPLETE WITH P-TRAP AND TRAP PRIMER. SIZE DRAIN AS NOTED. 4 PROVIDE AND INSTALL VENT LINE COMPLETE WITH HANGERS, SUPPORTS AND ALL
- ASSOCIATED APPURTENANCES. ROUTE AS INDICATED. 5 PROVIDE AND INSTALL TYPE "L" COPPER HOT WATER LINE COMPLETE WITH
- 6 PROVIDE AND INSTALL WALL-HUNG WATER CLOSET AND ASSOCIATED FLUSH
- 7 PROVIDE AND INSTALL WASH STATION AND ASSOCIATED FAUCET. SEE PLUMBING
- 8 PROVIDE AND INSTALL WALL-HUNG URINAL AND ASSOCIATED FLUSH VALVE. SEE
- 10 PROVIDE AND INSTALL ELECTRIC BOTTLE FILLER / COOLER AND ALL ASSOCIATED
- APPURTENANCES. SEE PLUMBING SCHEDULE SHEET.
- 11 PROVIDE AND INSTALL SCHEDULE 80 SANITARY LINE DOWN, SIZE AS NOTED. 12 PROVIDE AND INSTALL UTILITY SINK AND ASSOCIATED FAUCET. SEE PLUMBING

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LIBERTY **PLANT**

PLANT ADDITION 89 MILL ST LIBERTY, NY 12754

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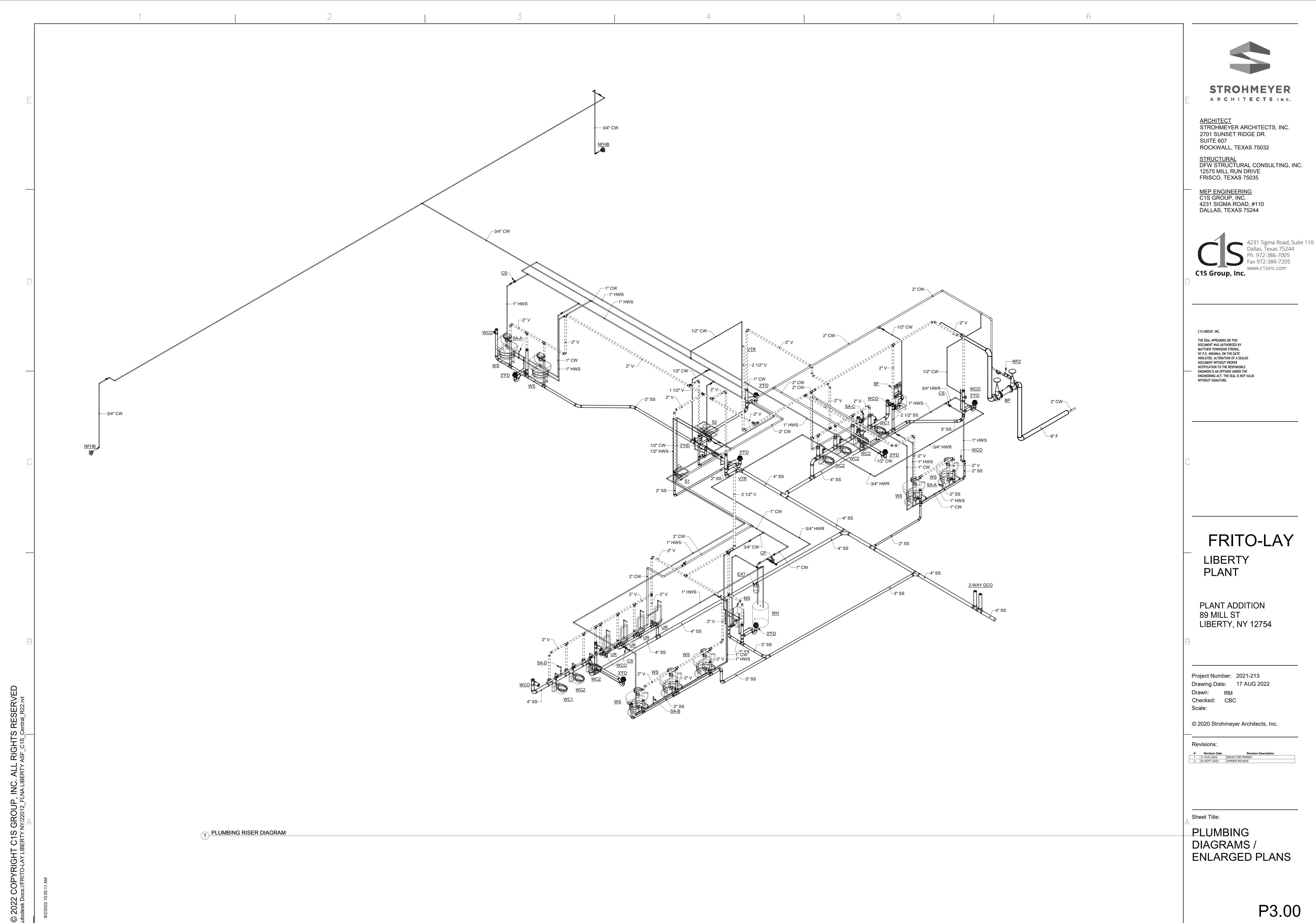
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Sheet Title:

PLUMBING FIRST FLOOR PLAN

P2.01



P3.00

1/2"

1/2"

AO SMITH

ADA COMPLIANT CAST IRON BODY FLOOR DRAIN WITH CAST IRON COLLAR WITH SATIN BRONZE STRAINER, VANDALPROOF SCREWS AND BOTTOM OUTLET. ADA COMPLIANT IN-WALL BOTTLE FILLING STATION, FILTERED REFRIGERATED STINLESS, CHILLING CAPACITY OF 8.0 GPH OF 50°F DRINKING LZWSGRN8K ADA COMPLIANT IN-WALL BUTTLE FILLING STATION, FILTENED REFINISEISTED STREEDS, STREE TRAP PRIMER VALVE WITH BOX, ROUGH-IN DIMENSIONS 12"x12"x4" DEPTH. 24 VOLT, 6.3 WATTS, 1/2" SUPPLY FROM TOP OF MAIN TO VALVE, 1/2" SUPPLY TO FLOOR OR HUB DRAIN, DISTRIBUTION UNIT AS REQUIRED. TRAP PRIMER VALVE WITH BOX, ROUGH-IN DIMENSIONS 12"x12"x4" DEPTH. 24 VOLT, 6.3 WATTS. 1/2" SUPPLY FROM TOP OF MAIN TO VALVE, 1/2" MPB-500 SUPPLY TO FLOOR OR HUB DRAIN, DISTRIBUTION UNIT AS REQUIRED. TRAP PRIMER VALVE WITH BOX, ROUGH-IN DIMENSIONS 12"x12"x4" DEPTH. 24 VOLT, 6.3 WATTS. 1/2" SUPPLY FROM TOP OF MAIN TO VALVE, 1/2" MPB-500 | IRAP PRIMER VALVE WITTI BOA, ROOGIT-IN DIMERSON UNIT AS REQUIRED. DOMESTIC HOT WATER IN-LINE RETURN PUMP. MAX FLOW 21 GPM, MAX HEAD 19 FT, 120/1, 45 WATTS, 230°F MAX LIQUID TEMP. VARIABLE 15-55F/LC SPEED PUMP, INTEGRATED CHECK-VALVE, STAINLESS STEEL BODY. POABLE WATER EXPANSION TANK. 3/4" MALE CONNECTION, TANK VOLUME 2.1 GAL, DRWN STEEL TANK CONSTRUTION, BUTYL DIAPHRAGM, STAINLESS STEEL INLET CONNECTOR. NON-FREEZE CAST BRONZE WALL HYDRANT. SATIN FINISH STAINLESS STEEL BOX AND HINGED LATCHING COVER. INTEGRAL VACUUM 71000-74-95 BREAKER BACKFLOW PREVENTER, PRESSURE RELIEF VALVE, BRONZE OPERATING PARTS. 1" MALE INLET CONNECTION, VANDALPROOF LOCK WITH 3/4" OUTLET, UNIVERSAL INLET CONNECTION OR EQUAL. ADA COMPLIENT STAINLESS STEEL DROP IN SINK. SINGLE COMPARTMENT SINK, 5-1/2" DEEP, CENTER REAR DRAIN. ELKAY FAUCET, MODEL LK800GN04T4. CHROME 8" CENTERSET WITH CONCEALED DECK FAUCET WITH 4" GOOSENECK SPOUT. 4" WRISTBLADE HANDLES. ADA COMPLIENT STAINLESS STEEL DROP IN SINK. DOUBLE BOWL SINK, 5-1/2" DEEP, CENTER REAR DRAINS. ELKAY FAUCET, MODEL LK800LGN05T4, CHROME 8" CENTERSET WITH CONCEALED DECK FAUCET WITH 5" GOOSENECK SPOUT, 6" WRISTBLADE HANDLES. TRAP PRIMER VALVE WITH BOX, ROUGH-IN DIMENSIONS 12"x12"x4" DEPTH. 24 VOLT, 6.3 WATTS. 1/2" SUPPLY FROM TOP OF MAIN TO VALVE, 1/2" MPB-500 SUPPLY TO FLOOR OR HUB DRAIN, DISTRIBUTION UNIT AS REQUIRED. ADA COMPLIENT WALL HUNG URINAL WITH 3/4" TOP SPUD. AMERICAN STANDARD EXPOSED, SENSOR-OPERATED FLUSH VALVE, MODEL 6063051.002 FOR 3/4" TOP SPUD URINALS, 0.5 GPF, INLET: ANGLE STOP WITH BACK FLOW PROTECTION AND VANDAL-RESISTANT CAP, OUTLET: HIGH BACK PRESSURE VACUUM BREAKER WITH SPUD COUPLING AND FLANGE. JAY R. SMITH CARRIER OR WATTS CARRIER. MOUNTING HEIGHT ADA COMPLIANT WALL MOUNTED WATER CLOSET. ELONGATED BOWL WITH 1-1/2" TOP SPUD. AMERICAN STANDARD MODEL 6065.121.002 EXPOSED, SENSOR-OPERATED FLUSH VALVE, 1.28 GPF. ES-S SENSOR ACTIVATED FLUSH VALVE, CR-P2 LITHIUM BATTERY POWERED, INLET: AMERICAN STANDARD 3351.101 ANGLE STOP WITH BACKFLOW PROTECTION AND VANDAL-RESISTANT CAP. OUTLET: HIGH BACK PRESSURE VACUUM BREAKER WITH SPUD COUPLING AND FLANGE. 25 PSI FLOW RATE RQUIRED. CHURCH OPEN FRONT SEAT, LESS COVER. JAY R SMITH CARRIER OR WATTS CARRIER. MOUNTING HEIGHT AS DIRECTED BY ARCHITECT. WALL MOUNTED WATER CLOSET. ELONGATED BOWL WITH 1-1/2" TOP SPUD. AMERICAN STANDARD MODEL 6065.121.002 EXPOSED,

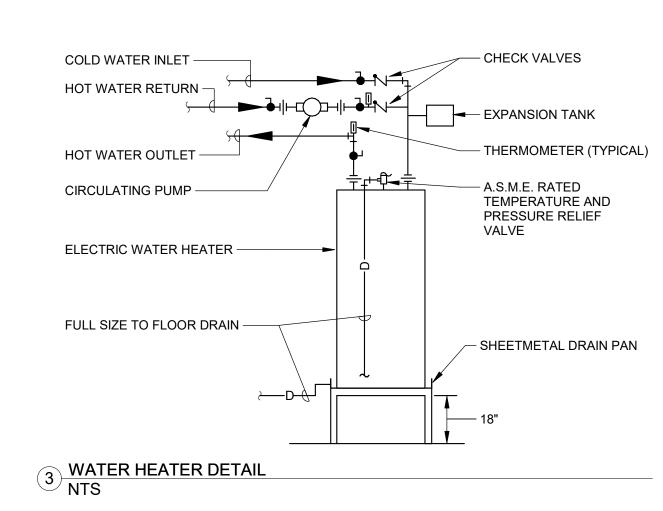
HEIGHT AS DIRECTED BY ARCHITECT.

CAPACITY, MINIMUM 100°F TEMP RISE WITH MINIMUM 36 GALLON RECOVERY RATE.

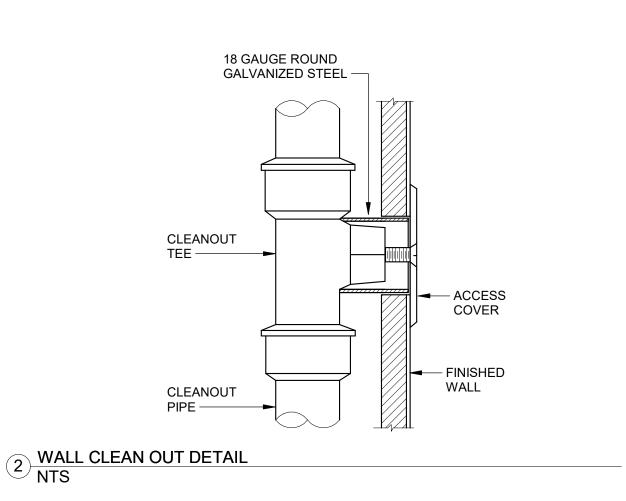
1/2" WASTE CONNECTION. HAND PUSHBUTTON OPERATED.

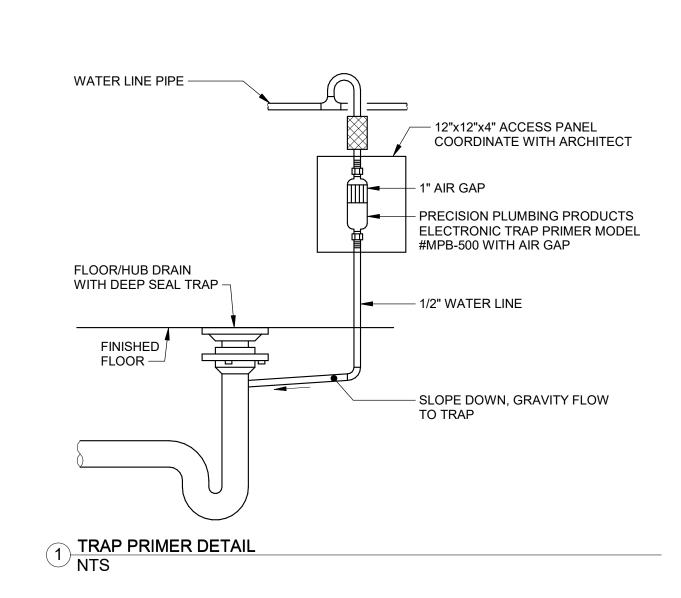
ELECTRIC TANK TYPE WATER HEATER. STORAGE WATER TEMP @ 160°F, 480/3, 9 KW SIMUTANIOUS DUAL ELEMENT (2 @ 4.5 KW), 40 GALLON

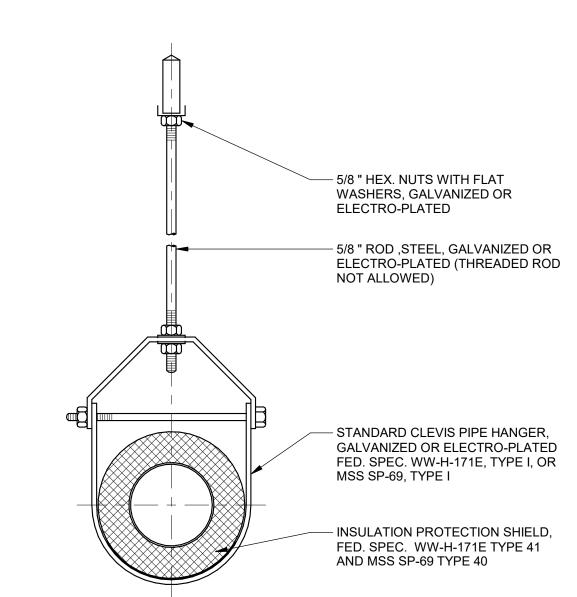
3423ADA-2-H ADA COMPLIANT 38" WIDE, STAINLESS STEEL SEMI-CIRCULAR WASH STATION. INTEGRAL BACKSPLASH AND SPRAYHEAD, 1/2" SUPPLY INLETS, 1



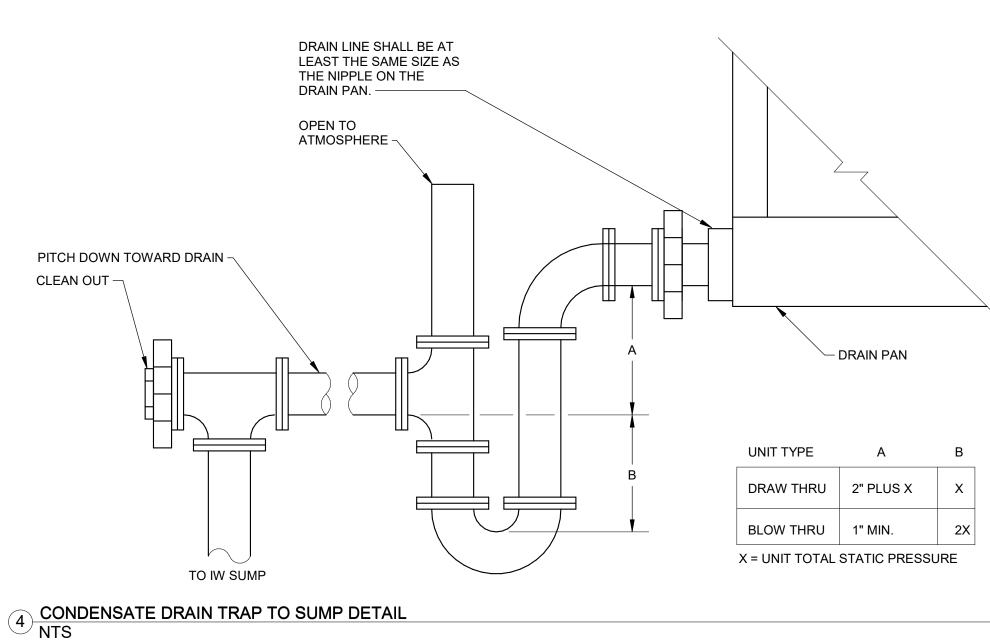
WS 7 2" 2"







5 CEILING HUNG CLEVIS HANGER FOR INSULATED PIPE DETAIL NTS



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FRITO-LAY

LIBERTY **PLANT**

PLANT ADDITION 89 MILL ST LIBERTY, NY 12754

Project Number: 2021-213 Drawing Date: 17 AUG 2022 Drawn: RM Checked: CBC

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NTS

Revisions:

Scale:

Revision Date | 1 | 17 AUG 2022 | ISSUE FOR PERMIT | 2 | 02 SEPT 2022 | OWNER REVIEW |

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PLUMBING **DETAILS AND** SCHEDULES

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LIBERTY **PLANT**

PLANT ADDITION 89 MILL ST LIBERTY, NY 12754

Project Number: 2021-213 Drawing Date: 17 AUG 2022 Drawn: RM Checked: CBC

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Revisions:

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Sheet Title:

FIRE PROTECTION FLOOR PLAN

FP2.01