

CIRCULATOR PUMP SCHEDULE							
MARK	CAPACITY	TOTAL HEAD	SHUTOFF HEAD	MOTOR POWER	ELECTRICAL DATA	MANUFACTURER	MODEL NUMBER
CP-1	4 GPM	7 FH2O	11 FH2O	0.125 hp	115 V	1	TACO 0010-SF3
CP-2	4 GPM	7 FH2O	11 FH2O	0.125 hp	115 V	1	TACO 0010-SF3

NOTES:

- PUMPS SHALL OPERATE ONE AT A TIME. IF 1 PUMP FAILS, THE OTHER WILL AUTOMATICALLY TURN ON. PUMPS SHALL ALTERNATE BASED ON A SCHEDULE TO BE DETERMINED BY THE VA. PUMPS SHALL RUN CONTINUOUSLY.

PLUMBING ACCESSORIES	
FD-C:	FLOOR DRAIN - REFER TO SPECIFICATION FOR MORE INFORMATION.
FD-X:	FLOOR DRAIN - REFER TO SPECIFICATION FOR MORE INFORMATION.
FD-Z:	LINEAR SHOWER DRAIN, STAINLESS STEEL, 4 1/2"X3" WIDE, REFER TO SPECIFICATIONS FOR MORE INFORMATION.
FCO:	FLOOR CLEANOUT - REFER TO SPECIFICATIONS FOR MORE INFORMATION
WCO:	WALL CLEANOUT - REFER TO SPECIFICATIONS FOR MORE INFORMATION
GCO:	GRADE CLEANOUT - REFER TO SPECIFICATIONS FOR MORE INFORMATION
RD:	ROOF DRAIN - 15" DIAMETER MAIN ROOF DRAIN LOW SILHOUETTE DOME (NO-HUB).
OD:	OVERFLOW (SECONDARY) ROOF DRAIN - 15" DIAMETER MAIN ROOF DRAIN LOW SILHOUETTE DOME (NO-HUB).

WATER MONITORING EQUIPMENT	
THE SPECIFIED WATER MONITORING EQUIPMENT SHALL BE REQUIRED AT THE FOLLOWING LOCATIONS:	
TIE WATER MONITORING SYSTEM TO BAS	
MAINS/RISERS	
• CW/HW - MOST REMOTE LOCATION TEMPERATURE	
BRANCH	
• CW/HW - MOST REMOTE FIXTURE TEMPERATURE	
RECIRCULATION	
• TEMPERATURE AT END OF RETURN SYSTEM AND PRIOR TO MIXING.	
• RECIRCULATION PUMP FLOW	
SERVICE ENTRANCE	
• CW - PROVIDE A PANEL MOUNTED SYSTEM (SAMPLER SKID) FOR AUTOMATIC MONITORING OF FREE OR TOTAL CHLORINE RESIDUALS, PH, PRESSURE, DISSOLVED SOLIDS (CONDUCTIVITY), AND TEMPERATURE. THE SYSTEM MUST CONTINUOUSLY MONITOR THESE SENSORS AND MAKE THE DATA AVAILABLE SECURELY USING AN INTERNET CONNECTED DEVICE. THE TOTAL SYSTEM MUST BE PREWIRED AND PRE PLUMBED ON A SINGLE PANEL TO ENSURE HIGH QUALITY AND A SIMPLE INSTALLATION. PROVIDE PHIGENCS WME-1175 PWA ADVANCED MONITORING SYSTEM 2.0 OR APPROVED EQUAL.	
• HW - PROVIDE A PANEL MOUNTED SYSTEM (SAMPLER SKID) FOR AUTOMATIC MONITORING OF FREE OR TOTAL CHLORINE RESIDUALS, PH, PRESSURE, DISSOLVED SOLIDS (CONDUCTIVITY), AND TEMPERATURE. THE SYSTEM MUST CONTINUOUSLY MONITOR THESE SENSORS AND MAKE THE DATA AVAILABLE SECURELY USING AN INTERNET CONNECTED DEVICE. THE TOTAL SYSTEM MUST BE PREWIRED AND PRE PLUMBED ON A SINGLE PANEL TO ENSURE HIGH QUALITY AND A SIMPLE INSTALLATION. PROVIDE PHIGENCS WME-1175 PWA ADVANCED MONITORING SYSTEM 2.0 OR APPROVED EQUAL. PROVIDE WITH SAMPLE COOLER.	

DEDUCTIVE ALTERNATE NOTES	
(DEDUCTIVE ALTERNATES ARE CASCAADING AND MUST BE EXERCISED IN THE ORDER PRESENTED) FOR A DETAILED DESCRIPTION OF EACH DEDUCTIVE ALTERNATE REFER TO COVER SHEET ON G1000	
DEDUCTIVE ALTERNATE #2 - ELIMINATE TUNNEL (EAST LEG).	
DEDUCTIVE ALTERNATE #6 - REDUCE PLATFORM AT CHILLER.	

PLUMBING LEGEND	
⊕	DRAWING KEYNOTE
P-XXX	EQUIPMENT MARK
⊕	POINT OF NEW CONNECTION
⊕	POINT OF CONNECTION TO CIVIL
— (E)SAN	EXISTING SANITARY PIPING
— (E)CW	EXISTING COLD WATER
— CW	COLD WATER PIPING
— HW	HOT WATER PIPING
— HWR	HOT WATER RETURN PIPING
— SAN	SANITARY PIPING
— V	SANITARY VENT PIPING
⊕ OR ⊗	VTR VENT THRU ROOF
⊕ OR ⊗	GCO GRADE CLEAN OUT (1-WAY OR 2-WAY)
⊕ OR ⊗	FCO FLOOR CLEAN OUT (1-WAY OR 2-WAY)
— WCO	WCO WALL CLEAN OUT
—	PIPE DOWN
—	PIPE UP
—	PIPE CAP
⊕	FD FLOOR DRAIN
⊕	BALL VALVE
⊕	BUTTERFLY VALVE
⊕	CHECK VALVE
⊕	GATE VALVE
⊕	PLUG VALVE
⊕	STRAINER
⊕	UNION
⊕	PRV PRESSURE RELIEF VALVE
⊕	BACKFLOW PREVENTER

PLUMBING FIXTURE SCHEDULE										
FITURE MARK	FITURE COUNT	FITURE DESCRIPTION	ROUGH-IN PIPE SIZES		FITURE UNITS					
			COLD WATER SUPPLY	HOT WATER SUPPLY	FIXTURE TRAP	FIXTURE DRAIN	COLD WATER	HOT WATER	DRAINAGE	
	3	WATER CLOSET, BARRIER FREE - BACK OUTLET, WALL MOUNTED, ELONGATED RIM, 1-1/2" TOP SPUD, MANUAL FLUSH VALVE, 1.28 GPF, VITREOUS CHINA, VACUUM BREAKER, OPEN FRONT SEAT LESS COVER, STAINLESS STEEL CHECK HINGE, RIM: 17" FIXTURE SHALL BE EPA WATER SENSE LABELED WATER CONSERVING PRODUCT. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.	1"	N/A	4"	4"	10	0	4	
P-107										
P-114	28	WATER CLOSET, BARRIER FREE - BACK OUTLET, WALL MOUNTED, ELONGATED RIM, 1-1/2" TOP SPUD, MANUAL FLUSH VALVE, 1.28 GPF, VITREOUS CHINA, VACUUM BREAKER, OPEN FRONT SEAT LESS COVER, STAINLESS STEEL CHECK HINGE, RIM: 17" FIXTURE SHALL BE EPA WATER SENSE LABELED WATER CONSERVING PRODUCT. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.	1"	N/A	4"	4"	10	0	4	
P-417	29	LAVATORY - INTEGRAL TO COUNTERTOP, LAVATORY PROVIDED BY MLW CONTRACTOR, FAUCET HOLES AS REQUIRED. REFER TO ARCHITECTURAL DETAIL D7 ON SHEET A-401 FOR COUNTERTOP INFORMATION. PLUMBING CONTRACTOR TO PROVIDE RIGID GOOSENECK SPOUT WITH WRIST BLADE HANDLES FAUCET WITH ASSE 1070 COMPLIANT THERMOSTATIC ANTI-SCALD VALVE (SEE DETAIL 1 ON SHEET P-502), 1/2 GPM, LEAD FREE, DECK MOUNTED, PROVIDE COVER PLATES, GRID DRAIN ASSEMBLY, P-TRAP, STOPS, SUPPLIES, ETC., FOR A COMPLETE INSTALLATION. FIXTURE SHALL BE EPA WATER SENSE LABELED WATER CONSERVING PRODUCT. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.	1/2"	1/2"	1 1/4"	2"	0.5	0.5	1	
P-418	8	LAVATORY - BARRIER FREE, WALL HUNG, PROVIDE CONCEALED ARM SUPPORT CARRIER, PROVIDE SELF-POWERED, SENSOR OPERATED, 0.5 GPM, ADA COMPLIANT, SINGLE HOLE, DECK MOUNTED FAUCET, TOTO TEL105-D10E OR EQUAL, PROVIDE WITH ASSE 1070 THERMOSTATIC ANTI-SCALD VALVE, TOP OF RIM 34" FROM FINISHED FLOOR, PROVIDE COVER PLATES, PERFORATED STRAINER, P-TRAP, STOPS, SUPPLIES, ETC., FOR A COMPLETE INSTALLATION. PROVIDE ADA COMPLIANT PROTECTIVE PIPING COVERS FOR EXPOSED SUPPLIES, TRAP, AND DRAIN PIPING. FIXTURE SHALL BE EPA WATER SENSE LABELED WATER CONSERVING PRODUCT. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.	1/2"	1/2"	1 1/4"	2"	0.5	0.5	1	
P-501	2	SERVICE SINK, REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.	1/2"	1/2"	3"	3"	2.25	2.25	2	
P-505	2	CLINICAL SINK - FLOOR MOUNTED, PROVIDE WITH SERVICE SINK FAUCET AND FLUSH VALVE, REFER TO P-505FV BELOW FOR ADDITIONAL INFORMATION REGARDING THE FLUSH VALVE. PROVIDE WITH ASSE 1070 THERMOSTATIC ANTI-SCALD VALVE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.	1/2"	1/2"	4"	4"	1	1	2	
P-505FV	2	CLINICAL SINK FLUSH VALVE - REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.	1"	N/A	4"	4"	10	0	4	
P-516	1	SINK - SALON HAIR WASHING, HIGH PORCELAIN WALL MOUNTED SHAMPOO BOWL FOR HAIR WASHING, PROVIDE WITH SPRAY NOZZLE WITH HOSE, STRAINER, AND ASSE 1070 ANTI-SCALD VALVE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.	1/2"	1/2"	1 1/4"	2"	0.5	0.5	1	
P-524	7	TWO COMPARTMENT SINK - 29X22" STAINLESS STEEL, TWO COMPARTMENT SINK, SELF RIMMING, 3" X 3" DEEP, 3" FAUCET HOLES, BASKET STRAINER NO. LK35 GRID DRAIN, WRIST BLADE FAUCET - ELKAY MODEL LK910H4814, 4" WRIST BLADE HANDLES WITH P RIGID GOOSENECK SPOUT, AERATOR, DRAIN BASKET AND STRAINER, PROVIDE WITH ASSE 1070 ANTI-SCALD VALVE. PROVIDE STOPS, SUPPLIES, TRAP, ETC., TO COMPLETE INSTALLATION.	1/2"	1/2"	1 1/2"	2"	1	1	14	
P-528	2	SINK - SINGLE COMPARTMENT, STAINLESS STEEL, PROVIDE WITH ASSE 1070 ANTI-SCALD VALVE.	1/2"	1/2"	1 1/4"	2"	0.5	0.5	1	
P-701	30	SHOWER - ADA COMPLIANT, SHOWER SYSTEM WITH SHOWER HEAD AND SINGLE LEVER HANDLE, PRESSURE-BALANCED THERMOSTATIC ANTI-SCALD VALVE, WITH INTEGRAL SERVICE STOPS, 1.5 GPM PROVIDE SHOWER FLOOR DRAIN KOHLER K-9132 OR EQUAL, CHROME PLATED BRASS, WITH 4 3/8" ROUND STRAINER, AND 2" OUTLET, PROVIDE STOPS, SUPPLIES, TRAP, ETC. FOR A COMPLETE INSTALLATION. FIXTURE SHALL BE EPA WATER SENSE LABELED WATER CONSERVING PRODUCT. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.	1/2"	1/2"	2"	2"	3	3	2	
P-708	4	EMERGENCY EYE AND FACE WASH, WALL MOUNTED, PROVIDE WITH ASSE 1071 THERMOSTATIC ANTI-SCALD VALVE.	1/2"	1/2"	1 1/2"	2"	1	1	2	
P-801	10	WALL HYDRANT, NON-FREEZE - ZURN NO. Z-1330-C, ENCASED FLUSH WALL HYDRANT, NICKEL BRONZE BOX AND FLANGE COVER WITH OPERATING CYLINDER LOCK AND "WATER" GASH ON COVER, 3/4" CW.	3/4"	N/A	N/A	N/A	5	0	0	
P-802	1	LAWN FAUCET, NON-FREEZE - BRASS FAUCET WITH DETACHABLE WHEEL OR T-HANDLE, REFER TO SPECIFICATION FOR MORE INFORMATION.	3/4"	N/A	N/A	N/A	2	0	0	
P-812	5	WATER SUPPLY BOX UNIT (ICE MAKER) WITH BALL TYPE SHUT OFF VALVE.	1/2"	N/A	N/A	N/A	0.25	0	0	

PLUMBING NOTES	
1.	REVIEW PLANS OF ALL TRADES PRIOR TO BIDDING AND BEGINNING WORK. INSTALLATIONS ARE TO INCLUDE ALL PLUMBING FOR COMPLETE SYSTEMS SHOWN ON THE PLANS AND AS REQUIRED.
2.	COORDINATE WITH OTHER TRADES TO PREVENT INTERFERENCE WITH HVAC DUCTS, STRUCTURE, ELECTRICAL, LIGHTING, AND OTHER PIPING IN THE CEILING SPACE AND PROVIDE COORDINATION DRAWINGS PRIOR TO CONSTRUCTION. VENT PIPING AND WATER PIPING SHALL BE HELD EITHER ABOVE OR BELOW HVAC DUCTWORK, AS COORDINATED WITH THE HVAC CONTRACTOR.
3.	ALL CHANGES SHALL BE REVIEWED BY THE ARCHITECT.
4.	COORDINATE WITH ARCHITECTURAL DRAWINGS BEFORE ROUGHING-IN PLUMBING FIXTURES AND EQUIPMENT SUPPLIES.
5.	THE PLUMBING SUBCONTRACTOR SHALL FURNISH AND INSTALL ALL PLUMBING FIXTURES, UNLESS NOTED OTHERWISE.
6.	VERIFY MOUNTING HEIGHT AND WATER CONNECTION SIZES OF ALL PLUMBING FIXTURES PRIOR TO ROUGH-IN. FURNISH CUT-OUT TEMPLATES, FOR PLUMBING FIXTURES TO BE INSTALLED IN MILLWORK, TO THE GENERAL CONTRACTOR.
7.	MAKE PROPER HOT AND COLD WATER, WASTE AND VENT PIPING CONNECTIONS TO ALL FIXTURES AND EQUIPMENT EVEN THOUGH ALL FITTINGS AND CONNECTIONS ARE NOT SHOWN ON DRAWINGS.
8.	VERIFY LOCATION OF WATER SERVICE AND THE LOCATION/INVERTS OF SANITARY PIPING PRIOR TO INSTALLATION. THERE WILL BE NO INSTALLATION UNTIL SHOP DRAWINGS HAVE BEEN SUBMITTED AND REVIEWED BY THE ARCHITECT/ENGINEER.
9.	CUT AND PATCH CONCRETE AS REQUIRED.
10.	IT IS NOT THE INTENT OF THESE DRAWINGS TO COVER ALL WORK AND MATERIAL. ANY EQUIPMENT, PLUMBING FIXTURE, TRIM HARDWARE AND/OR DEVICES USUALLY UTILIZED IN THE CLASS OF WORK, THOUGH NOT SPECIFICALLY MENTIONED OR SHOWN ON THESE DRAWINGS, BUT WHICH MAY BE NECESSARY FOR THE SATISFACTORY COMPLETION OF THE WORK (AS DETERMINED BY THE ARCHITECT) SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR AS PART OF HIS TOTAL WORK.
11.	THE EQUIPMENT ROUGH-IN ITEMS AND THEIR DIMENSIONED LOCATIONS FOR ALL CONNECTIONS ARE ACCURATE TO THE BEST OF OUR KNOWLEDGE. IN SOME INSTANCES THE OWNER OR SUPPLIER MAY MAKE SUBSTITUTIONS OR EQUIPMENT ITEMS MAY VARY FROM WHAT IS SHOWN. THEREFORE, THESE ITEMS AND DIMENSIONS SHALL BE VERIFIED WITH THE EQUIPMENT SUPPLIER, OWNER AND/OR EQUIPMENT ROUGH-IN DRAWING. FAILURE OF THE APPROPRIATE CONTRACTOR TO VERIFY ROUGH-INS OR THEIR LOCATIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION AND/OR ADDITIONAL ROUGH-INS DIRECTLY UPON THAT CONTRACTOR.
12.	CONTRACTOR SHALL SUPPLY TO THE ARCHITECT/ENGINEER THE REQUIRED COPIES OF SHOP DRAWINGS FOR APPROVAL. SO THE QUALITY OF INTENDED MATERIALS OR EQUIPMENT CAN BE REVIEWED BEFORE INSTALLATION. THERE WILL BE NO INSTALLATION UNTIL SHOP DRAWINGS HAVE BEEN SUBMITTED AND REVIEWED BY THE ARCHITECT/ENGINEER.
13.	DO NOT SCALE THIS DRAWING. REFER TO ARCHITECTURAL FLOOR PLAN FOR BUILDING DIMENSIONS.
14.	THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NOT NECESSARILY SHOW ALL ELBOWS, OFFSETS, UNIONS, VALVES, FITTINGS, ETC. REQUIRED TO COMPLETE THE INSTALLATION OF THE WORK. THE SUBMISSION OF A PROPOSAL SHALL BE CONSTRUED AS EVIDENCE THAT THE CONTRACTOR HAS FAMILIARIZED HIMSELF WITH THE PLANS AND BUILDING SITE. CLAIMS MADE SUBSEQUENT TO THE PROPOSAL FOR MATERIALS AND LABOR BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED IF THEY COULD HAVE BEEN FORESEEN HAD PROPER EXAMINATION BEEN MADE.
15.	VERIFY SERVICE POINTS AND METERING LOCATIONS FOR PROJECTS WITH LOCAL UTILITIES AND/OR LANDLORD (DOMESTIC WATER, SANITARY SEWER, GAS, ETC.).
16.	THE CONTRACTOR SHALL COOPERATE FULLY AMONG ALL TRADES.
17.	ALL ROOF PENETRATIONS FOR ROOF DRAINS AND PLUMBING, GAS, AND REFRIGERANT PIPING SHALL BE MADE IN ACCORDANCE WITH THE REQUIREMENTS OF CONTRACT DOCUMENTS' GUIDELINES. COORDINATE WITH ARCHITECTURAL DETAILS AND/OR MANUFACTURER FOR ROOF SYSTEM USED.
18.	ALL PLUMBING VENTS IN EXTERIOR WALLS SHALL BE OFFSET A MINIMUM OF 3'-0" BEFORE ROOF PENETRATION.
19.	INSTALL INSULATION PER SPECIFICATION ON ALL ROOF LEADERS ABOVE CEILING.
20.	THE POTABLE WATER SUPPLY SHALL BE PROTECTED AGAINST BACKFLOW AND SIPHONAGE, BOTH NATURAL AND INDUCED. ALL EQUIPMENT CONNECTED TO THE POTABLE WATER SYSTEM BEING CAPABLE OF POLLUTING OR CONTAMINATING THE POTABLE WATER DISTRIBUTION SYSTEM OR ANY PART THEREOF BY MEANS OF A REVERSAL OF FLOW, PRESSURE DROP, PRESSURE LOSS, INDUCED VACUUM, OR BY INJECTION BECAUSE OF ANY PRIMARY OR AUXILIARY PUMPING SYSTEM CONNECTED, MUST BE ISOLATED AND CONTAINED BY MEANS OF APPROVED BACKFLOW DEVICES, CHECK VALVES, AIR GAPS, OR VACUUM BREAKERS. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL THESE DEVICES PER LOCAL CODE REQUIREMENTS.
21.	THE WATER PIPING SYSTEM SHALL BE FLUSHED AND STERILIZED IN ACCORDANCE WITH LOCAL REGULATIONS.
22.	HOT AND COLD WATER SUPPLY BRANCHES FOR ALL SYSTEMS HAVING QUICK CLOSING VALVES OF ANY TYPE SHALL HAVE WATER HAMMER ARRESTORS INSTALLED AT THE HIGH POINT ON THE END OF EACH BRANCH AND AS REQUIRED.
23.	ALL PIPES HANGING FROM SINGLE VERTICAL RODS / HANGERS SHALL NOT MOVE OR SWAY DURING OPERATION. SUITABLE LATERAL SUPPORTS OR BRACING SHALL BE USED TO PREVENT SWAY OR MOVEMENT.
24.	PROVIDE SHUTOFF BALL VALVES AND DIELECTRIC UNIONS FOR ALL EQUIPMENT HOT AND COLD WATER LINES. PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO EQUIPMENT. COORDINATE WITH EQUIPMENT SUPPLIER FOR EXACT REQUIREMENTS.
25.	VERIFY MOUNTING HEIGHTS OF ALL BARRIER FREE FIXTURES WITH ARCHITECTURAL PLANS.
26.	PROVIDE COPPER INDIRECT WASTE PIPING REQUIRED FROM EQUIPMENT TO FLOOR DRAINS, OPEN RECEPTACLES, OR FLOOR SINKS. PIPING SHALL COMPLY WITH STATE AND LOCAL CODES. COORDINATE WITH ALL EQUIPMENT SUPPLIERS AND SIZES AS REQUIRED BY PIECE OF EQUIPMENT SERVED. HOLD PIPING TIGHT TO WALL WHERE APPLICABLE. PROPERLY SECURE AS REQUIRED. COORDINATE WITH CASEWORK SUPPLIER FOR MAXIMUM CLEARANCE UNDER CABINETS.
27.	PROVIDE CHROME PLATED ESCUTCHEONS AT ALL WALL PENETRATIONS.
28.	INSTALL SANITARY, STORM, AND CONDENSATE PIPING WITH A MINIMUM SLOPE OF 1/8" PER FOOT UNLESS OTHERWISE REQUIRED. CONTRACTOR IS RESPONSIBLE FOR PROPER DRAINAGE OF ALL SYSTEMS.
29.	ALL FLOOR DRAINS ARE TO BE PROVIDED WITH MINIMUM 3" DRAIN LINES, DEEP SEAL TRAPS, AND AUTOMATIC TRAP PRIMERS. TRAP PRIMERS SHALL BE LOCATED IN A SERVICEABLE LOCATION AND INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. HOLD TOP OF FLOOR DRAINS FLUSH WITH FINISHED FLOOR; SEE ARCHITECTURAL SHEETS FOR FLOOR SLOPES AND PROPER FINISHED FLOOR ELEVATION.
30.	ALL VENT PIPE TO BE COMPATIBLE WITH STRUCTURE, MECHANICAL EQUIPMENT, DUCTWORK, ELECTRICAL EQUIPMENT, AND LIGHTING. ALL VENTS SHALL BE EXTENDED TO A MINIMUM OF 2' ABOVE PARAPET HEIGHT AND MAINTAINED 10'-0" MINIMUM FROM ALL OUTSIDE AIR INTAKES.
31.	MATERIALS, EQUIPMENT, ASSEMBLIES AND SYSTEMS SHALL MEET ALL PERTINENT REQUIREMENTS OF NATIONALLY RECOGNIZED TESTING ORGANIZATIONS SUCH AS UL, ASTM, ASSE, AWWA, AGA AND NFPA AS WELL AS THE MOST CURRENT ADOPTED VERSION OF THE STATE AND LOCAL CODES.
32.	ALL INSTALLED SYSTEMS, DEVICES AND RELATED ITEMS SHALL BE TESTED IN PLACE. REPLACE ANY AND ALL CONTRACTOR SUPPLIED DEFECTIVE DEVICES, ITEMS, OR SYSTEMS AT CONTRACTOR'S EXPENSE, BEFORE COMPLETION OF PROJECT.
33.	WHERE JOB CONDITIONS REQUIRE CHANGES FROM THE CONTRACT DOCUMENTS THAT DO NOT CHANGE THE SCOPE OR NATURE OF WORK REQUIRED, THE CONTRACTOR SHALL MAKE SUCH CHANGES WITHOUT ADDITIONAL COST TO THE OWNER. NO OTHER CHANGES MAY BE MADE WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
34.	ALL EQUIPMENT, FIXTURES AND MATERIALS SHALL BE NEW AND UNUSED, AND INSTALLED IN STRICT CONFORMANCE TO MANUFACTURER'S RECOMMENDATIONS (UNLESS OTHERWISE NOTED). PROVIDE COMPLETE WITH ALL TRIM, STOPS, HANGERS, CARRIERS, SUPPORTS, ETC., INCLUDING PROVISIONS FOR BARRIER FREE USE, IF REQUIRED. WHERE FIXTURES ARE ACCESSIBLE THEY MUST COMPLY WITH ALL FEDERAL ADA REGULATIONS.
35.	CONTRACTOR SHALL GUARANTEE ALL WORK FOR WHICH MATERIALS ARE FURNISHED, FABRICATED, FIELD ERRECTED, ALL FACTORY ASSEMBLED EQUIPMENT FOR WHICH NO SPECIFIC MANUFACTURER'S GUARANTEE IS FURNISHED, AND ALL WORK IN CONNECTION WITH INSTALLATION OF MANUFACTURER'S GUARANTEED EQUIPMENT. THE CONTRACTOR'S GUARANTEE SHALL LAST ONE YEAR FROM THE FINAL OWNER ACCEPTANCE OF THE WORK AND SHALL APPLY TO ALL DEFECTS IN MATERIALS AND WORKMANSHIP OF ANY KIND.
36.	ALL FAUCET CONTROLS SHALL BE OPERABLE WITH ONE HAND AND NOT REQUIRE TIGHTGRASPING.
37.	ALL BARRIER FREE WATER CLOSET CONTROLS SHALL BE LOCATED ON UNIT TOWARDS WIDE SIDE OF STALL. VERIFY IF RIGHT OR LEFT SIDE LOCATION.
38.	PENETRATIONS FOR PIPES, CONDUTS OR OTHER PURPOSES THROUGH ASSEMBLIES (FLOORS, ROOF, WALLS, PARTITIONS, ETC.) WITH A REQUIRED FIRE RESISTANCE RATING SHALL BE SEALED TO THE PENETRATING MEMBER IN AN APPROVED MANNER WHICH MAINTAINS THE REQUIRED FIRE RESISTANCE RATING OF THE ASSEMBLY.

GENERAL NOTES	
1.	THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND INDICATIVE OF WORK TO BE PROVIDED (FURNISHED AND INSTALLED) UNDER THIS CONTRACT. DRAWINGS SHOULD NOT BE SCALED.
2.	THE CONTRACTOR IS RESPONSIBLE TO EXAMINE THE EXISTING CONDITIONS UNDER WHICH THEY SHALL OPERATE AND VERIFY THE EXTENT OF WORK REQUIRED TO COMPLETE THE WORK UNDER THIS CONTRACT.
3.	PRIOR TO ORDERING AND FABRICATING ANY EQUIPMENT, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE PHYSICAL CONDITIONS AT THE PROJECT SITE AND VERIFY SPACE AND SUFFICIENT CLEARANCES ARE AVAILABLE FOR INSTALLING EQUIPMENT, DUCTWORK, PIPING, AND APPURTENANCES, AND TO DETERMINE ANY NECESSARY MODIFICATIONS.
4.	PERFORM ALL WORK IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, REGULATIONS, AND STANDARDS ADOPTED BY THE AUTHORITY HAVING JURISDICTION. IF CONFLICTS EXIST BETWEEN THESE ENGINEERING DOCUMENTS AND CODES, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.
5.	ALL CONSTRUCTION WORK SHALL ALSO MEET THE FOLLOWING CODE REQUIREMENTS: <ul style="list-style-type: none"> VA PLUMBING DESIGN MANUAL VA SMALL HOUSE DESIGN GUIDE INTERNATIONAL BUILDING CODE (IBC) 2018 INTERNATIONAL EXISTING BUILDING CODE 2018 IBC MECHANICAL 2018 IBC PLUMBING 2018 IBC ENERGY CONSERVATION 2018 NFPA 1-2018, THE UNIFORM FIRE CODE NFPA 101-2018, THE LIFE SAFETY CODE NFPA 51B-2019, STANDARD FOR FIRE PREVENTION DURING WELDING, CUTTING AND OTHER HOT WORK NFPA 13-2019, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS NFPA 70-2017, NATIONAL ELECTRICAL CODE NFPA 90A-2018, STANDARD FOR THE INSTALLATION OF AIR CONDITIONING AND VENTING SYSTEMS. NFPA 99-2018, STANDARD FOR HEALTH CARE FACILITIES NFPA 241-2019, STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS
6.	CONTRACTOR SHALL COORDINATE AND SEQUENCE DEMOLITION, CLEANING, AND CONSTRUCTION WORK.
7.	CONTRACTOR SHALL NOTE ANY SPECIAL REQUIREMENTS FOR INSTALLATION OF WORK UNDER THIS CONTRACT. DISMANTLE AND REASSEMBLE EQUIPMENT AS NECESSARY FOR ENTRY INTO THE BUILDING AND THE LOCATION OF INSTALLATION.
8.	THE CONTRACTOR SHALL MAINTAIN A COMPLETE PROJECT SCHEDULE AND SHALL UPDATE THIS SCHEDULE WEEKLY. ANY CHANGES SHALL BE NOTED AND AN UPDATED SCHEDULE SHALL BE PROVIDED TO THE OWNER.
9.	ALL PERMITS, FEES, TAXES, ETC SHALL BE PAID BY CONTRACTOR AS PART OF THE TOTAL PROJECT COST.
10.	MAINTAIN THE INTEGRITY OF ALL FIRE AND SMOKE RATED WALLS, PARTITIONS, CEILINGS, AND FLOORS. SEAL ALL PENETRATIONS THROUGH RATED ASSEMBLIES WITH FIRESTOP MATERIAL, IN ACCORDANCE WITH U.L. REQUIREMENTS TO MAINTAIN THE ASSEMBLY RATING.
11.	CONTRACTOR SHALL FURNISH U.L. APPROVED DRAWINGS FOR EACH TYPE OF FIRE AND SMOKE RATED ASSEMBLY PENETRATION BY DUCTS, PIPES, OR CONDUTS, AND SHALL DISPLAY THESE DRAWINGS ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.
12.	CONTRACTOR SHALL REFER TO ALL DETAILS FOR PROPER GUIDANCE.
13.	THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND EQUIPMENT SUBMITTALS FOR ALL PRODUCTS USED ON PROJECT.
14.	THE ENGINEER'S APPROVAL OF SUBMITTAL DATA SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR DEVIATIONS FROM THE REQUIREMENTS OF CONTRACT DOCUMENTS UNLESS THE CONTRACTOR HAS RECEIVED WRITTEN APPROVAL FROM THE ENGINEER TO THE SPECIFIC DEVIATION. THE ENGINEER'S APPROVAL OF SUBMITTAL DATA SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN HIS OR HER SUBMITTAL DATA.
15.	THE CONTRACTOR IS REQUIRED TO SUBMIT THREE COMPLETE O&M MANUALS IN THREE RING BINDERS AT SUBSTANTIAL COMPLETION. MANUALS SHALL INCLUDE INSTALLATION AND MAINTENANCE DATA ON ALL NEW EQUIPMENT AND MATERIALS, CERTIFIED TECHNICAL PRODUCT DATA, EQUIPMENT SHOP DRAWINGS, SPARE PARTS DATA, ETC. PROVIDE AN INDEX AND ASSOCIATED DIVIDERS.
16.	CLOSE OUT DOCUMENTS: THE CONTRACTOR IS TO MAINTAIN ONE SET OF CONSTRUCTION DRAWINGS ON SITE AND KEEP CURRENT WITH MARK UP AS-BUILT CONDITIONS DURING CONSTRUCTION OF THE PROJECT. THIS SET IS TO INCLUDE ALL CONTRACT CHANGES, MODIFICATIONS AND CLARIFICATIONS. THIS SET ALONG WITH ALL SHOP DRAWINGS SHALL BE TURNED OVER TO THE ARCHITECT/ENGINEER AFTER CONSTRUCTION COMPLETION.
17.	IT IS THE RESPONSIBILITY OF ALL BIDDERS TO THOROUGHLY REVIEW AND UNDERSTAND ALL CONSTRUCTION DOCUMENTS. THIS INCLUDES BUT IS NOT LIMITED TO ALL DRAWINGS, SPECIFICATION SECTIONS, ETC. THE DRAWINGS ARE SCHEMATIC IN NATURE, THEREFORE BEFORE STARTING ANY WORK, THE CONTRACTOR SHALL REVIEW ALL CONSTRUCTION DOCUMENTS, VERIFY FIELD CONDITIONS AND SHALL MAKE ANY REQUIRED MINOR ADJUSTMENTS WITHOUT EXTRA COST TO THE OWNER. ANY MAJOR DISCREPANCIES FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER. THE BASE BID SHALL REFLECT THE TOTAL COST OF MATERIALS AND INSTALLATION. THIS INCLUDES LABOR, EQUIPMENT AND MATERIALS. NO CHANGE ORDERS SHALL BE ISSUED WITHOUT WRITTEN CONSENT AND APPROVAL FROM ENGINEER AND ARCHITECT.

ABBREVIATIONS	
(E)	EXISTING
ABFF	ABOVE FINISHED FLOOR
BFF	BELOW FINISHED FLOOR
CO	PIPE CLEAN OUT
CP	CIRCULATOR PUMP
CTE	CONNECT TO EXISTING
DCW	DOMESTIC COLD WATER
DEM/O	DEMOLISH OR DEMOLITION
DFU	DRAINAGE FIXTURE UNITS
ETR	EXISTING TO REMAIN
EW	ELECTRIC WATER COOLER
(E)	EXISTING
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FS	FLOOR SINK
GCO	GRADE CLEAN OUT
GD	GALLONS PER MINUTE
HD	HUB DRAIN
DHW	DOMESTIC HOT WATER
HW/R	HEAT EXCHANGER
HX	HEAT EXCHANGER
IB	ICE MAKER OUTLET BOX
INT	INTERNATIONAL BUILDING CODE
LAV	LAVATORY
MS	MOP SINK
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
OD	OVERFLOW ROOF DRAIN
OSD	OVERFLOW (SECONDARY) STORM WATER DRAIN
PSD	PRIMARY STORM WATER DRAIN
RD	ROOF DRAIN
S	SINK
SAN	SANITARY
SH	SHOWER
SP	SUMP PUMP
TWH	TANKLESS WATER HEATER
UR	URNAL
VTR	VENT THRU ROOF
W	WASTE
WC	WATER CLOSET
WCO	WALL CLEAN OUT
WH	WALL HYDRANT
WFSU	WATER SUPPLY FIXTURE UNITS

DRAWING INDEX - PLUMBING	
P-001	PLUMBING LEGENDS & NOTES
PL-100	PLUMBING OVERALL FLOOR PLAN - BASEMENT
PL-101	PLUMBING OVERALL FLOOR PLAN - LEVEL 1
PL-101A	SANITARY AND VENT FLOOR PLAN - LEVEL 1 - AREA A
PL-101B	SANITARY AND VENT FLOOR PLAN - LEVEL 1 - AREA B
PL-102	PLUMBING OVERALL FLOOR PLAN - PENTHOUSE
PL-201A	DOMESTIC WATER FLOOR PLAN - LEVEL 1 - AREA A
PL-201B	DOMESTIC WATER FLOOR PLAN - LEVEL 1 - AREA B
PL-401	PLUMBING ENLARGED FLOOR PLAN
P-501	PLUMBING DETAILS
P-502	PLUMBING DETAILS
P-503	PLUMBING SCHEMATIC
P-601	SANITARY & VENT ISOMETRICS - LEVEL 1 - AREA A
P-602	SANITARY & VENT ISOMETRICS - LEVEL 1 - AREA B
P-803	DOMESTIC WATER ISOMETRICS - LEVEL 1 - AREA A
P-804	DOMESTIC WATER ISOMETRICS - LEVEL 1 - AREA B

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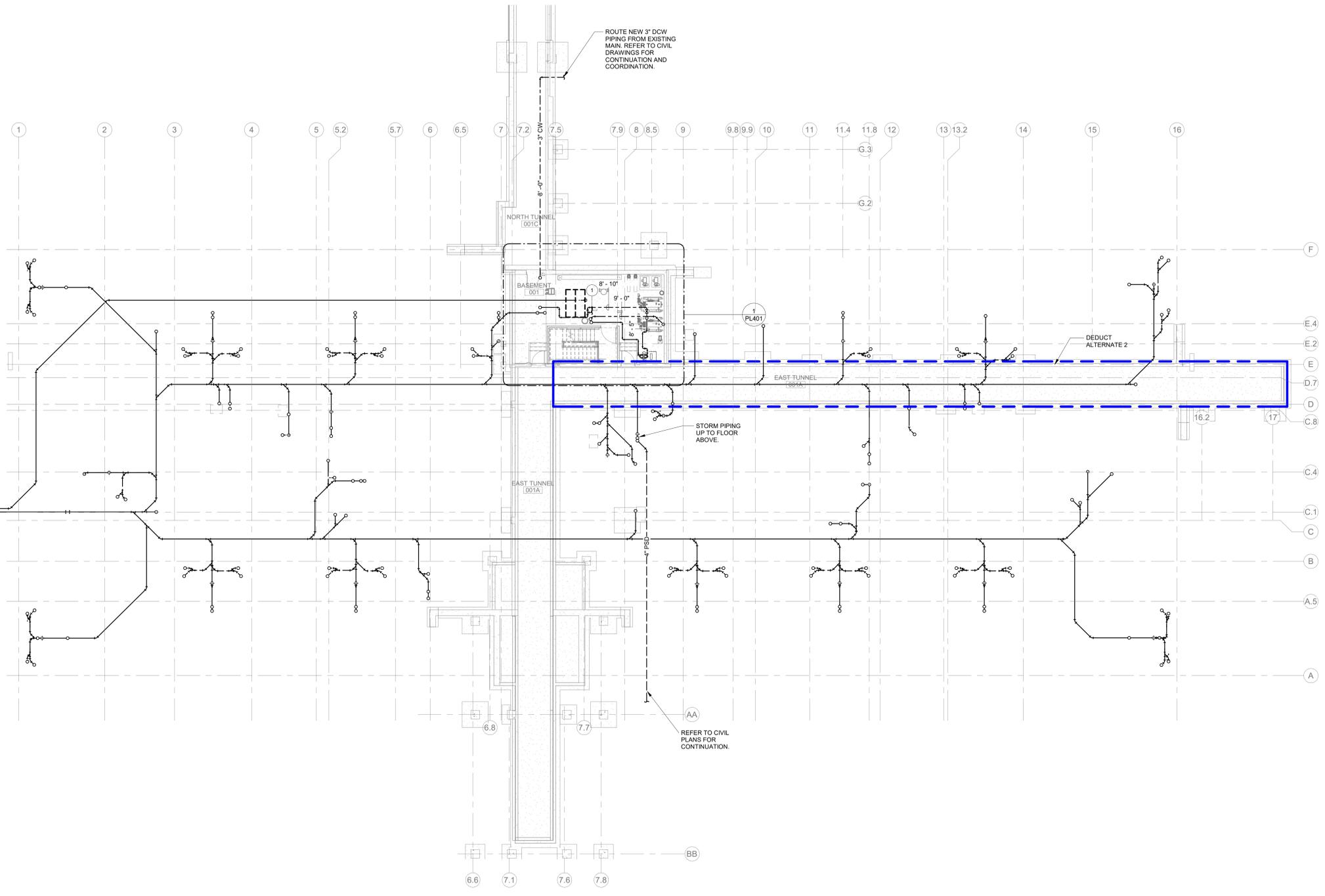
CONSULTANT	
Landscape Architect 416 North Toon Avenue Tucson, AZ 85701 (520) 622-9555 Josh Orth, PLA	Protective Design Specialist 240 West 35th

- GENERAL NOTES**
- A. ALL SERVICE INTERRUPTIONS TO THIS FACILITY MUST BE SCHEDULED AT LEAST 3 WEEKS IN ADVANCE AND BE KEPT TO A MINIMUM. COORDINATE ALL DISRUPTIVE WORK AND OUTAGE REQUIREMENTS WITH THE COR.
 - B. EXISTING PIPE ROUTING SHOWN ON DRAWINGS ARE APPROXIMATE LOCATIONS AND FOR REFERENCE ONLY. FIELD VERIFY AND COORDINATE WITH EXACT LOCATIONS, ELEVATIONS, SIZES, AND CONDITIONS OF EXISTING COMPONENTS.
 - C. CONTRACTOR TO FIELD VERIFY ALL CONNECTION POINTS TO EXISTING SYSTEM PIPING AND IDENTIFY ALL RISERS AFFECTED.
 - D. PROVIDE ACCESS PANELS AS REQUIRED FOR ALL VALVES NOT LOCATED ABOVE LAY-IN CEILING.
 - E. DOMESTIC COLD, HOT, AND HOT WATER RETURN PIPING SHOWN ON THIS PLAN IS LOCATED ABOVE THE FIRST FLOOR CEILING UNLESS NOTED OTHERWISE.
 - F. COORDINATE SHUTOFF VALVE ACCESS WITH SPRINKLER HEADS LOCATIONS.
- KEYNOTES**
- 1 DOW PIPE TO COLD WATER FILL LINE FOR HEATING HOT WATER SYSTEM.
- DEDUCTIVE ALTERNATE**
- DEDUCTIVE ALTERNATE #2: ELIMINATE TUNNEL (EAST LEG). REFER TO COVER SHEET G1000 FOR MORE INFORMATION ON DEDUCTIVE ALTERNATIVES.

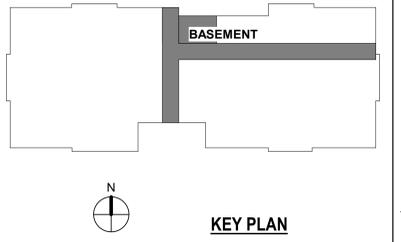
PARTITION RATING GRAPHICS:

PARTITIONS REQUIRED TO BE SMOKE RESISTANT, FIRE RESISTANT, OR BOTH FIRE AND SMOKE RESISTANT ARE SHOWN GRAPHICALLY ON PLANS WITH HATCH PATTERNS.

PARTITION RATING GRAPHIC DESIGNATION	PRIORITY
	1 HIGHEST
	2
	3
	3
	4
	4
	4
	5 LOWEST
	5 LOWEST



1 PLUMBING OVERALL FLOOR PLAN - BASEMENT
3/32" = 1'-0"



Revisions:	Date:

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A MULTI-DISCIPLINE COMPANY

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STATE OF NEW YORK
 NICHOLAS P. STEPHENSON
 LICENSED PROFESSIONAL ENGINEER
 102795
 5/09/2022

Office of
 Construction
 and Facilities
 Management

VA U.S. Department
 of Veterans Affairs

Drawing Title
 PLUMBING OVERALL FLOOR PLAN - BASEMENT

Approved:

Phase
 ISSUED FOR
 CONSTRUCTION

FULLY SPRINKLERED

Project Title
 NEW COMMUNITY LIVING
 CENTER

Location
 2094 Albany Post Road, Montrose, NY 10548

Issue Date
 05/09/2022

Checked
 NPS

Drawn
 NS/TR

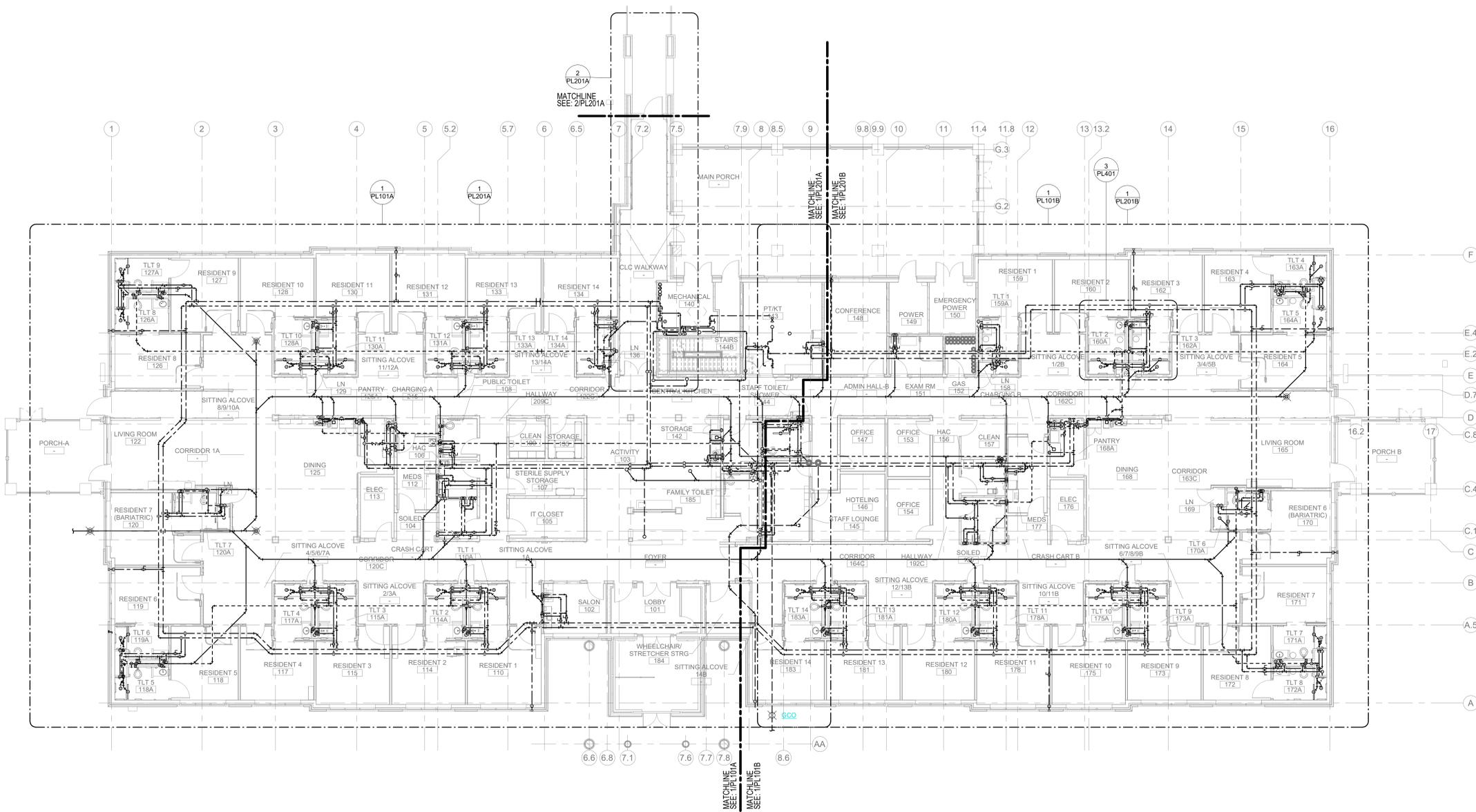
Project Number
 620-334

Building Number
 CLC

Drawing Number
 PL100

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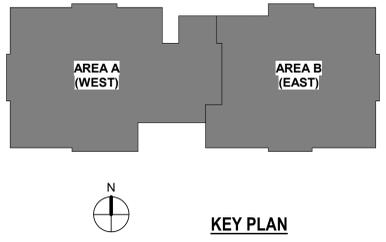
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PLUMBING LEGEND	
⊘	DRAWING KEYNOTE
P-XXX	EQUIPMENT MARK
⊕	POINT OF NEW CONNECTION
⊕	POINT OF CONNECTION TO CIVIL
---	CW COLD WATER PIPING
---	HW HOT WATER PIPING
---	HWR HOT WATER RETURN PIPING
---	SAN SANITARY PIPING
---	V SANITARY VENT PIPING
⊕	VTR VENT THRU ROOF
⊕	GCO GRADE CLEAN OUT (1-WAY OR 2-WAY)
⊕	FCO FLOOR CLEAN OUT (1-WAY OR 2-WAY)
---	WCO WALL CLEAN OUT
---	PIPE DOWN
---	PIPE UP
---	PIPE CAP
⊕	FD FLOOR DRAIN
⊕	BALL VALVE
⊕	BUTTERFLY VALVE
⊕	CHECK VALVE
⊕	GATE VALVE
⊕	PLUG VALVE
⊕	STRAINER
⊕	UNION
⊕	PRV PRESSURE RELIEF VALVE
⊕	BACKFLOW PREVENTER

- GENERAL NOTES**
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 - PROVIDE ACCESS PANELS AS REQUIRED FOR ALL VALVES NOT LOCATED ABOVE LAY-IN CEILING.
 - SANITARY PIPING SHOWN ON THIS PLAN IS LOCATED BENEATH THE FIRST FLOOR SLAB UNLESS NOTED OTHERWISE. VENT PIPING SHOWN ON THIS PLAN IS LOCATED ABOVE THE FIRST FLOOR CEILING UNLESS NOTED OTHERWISE.

1 PLUMBING OVERALL FLOOR PLAN - LEVEL 1
3/32" = 1'-0"



Revisions:	Date:

CONSULTANT

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
PLUMBING OVERALL FLOOR PLAN - LEVEL 1

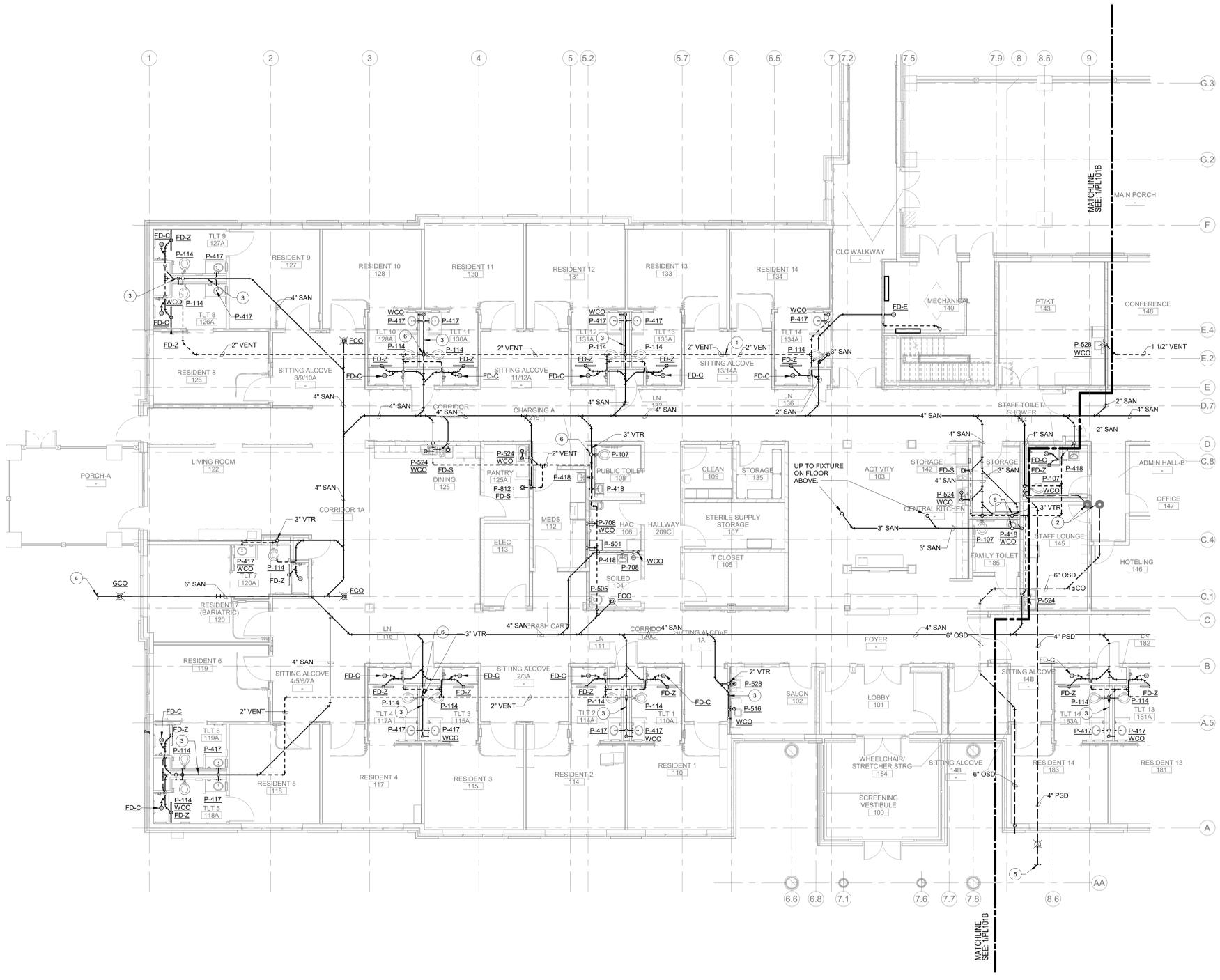
Approved:

Phase
ISSUED FOR CONSTRUCTION

FULLY SPRINKLERED

Project Title NEW COMMUNITY LIVING CENTER	Project Number 620-334
Location 2094 Albany Post Road, Montrose, NY 10548	Building Number CLC
Issue Date 05/09/2022	Checked NPS
Drawn AK	Drawing Number PL101

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PLUMBING LEGEND	
⊘	DRAWING KEYNOTE
P-XXX	EQUIPMENT MARK
⊕	POINT OF NEW CONNECTION
⊕	POINT OF CONNECTION TO CIVIL
—	CW COLD WATER PIPING
—	HW HOT WATER PIPING
—	HWR HOT WATER RETURN PIPING
—	SAN SANITARY PIPING
—	V SANITARY VENT PIPING
⊕	VTR VENT THRU ROOF
⊕	GCO GRADE CLEAN OUT (1-WAY OR 2-WAY)
⊕	FCO FLOOR CLEAN OUT (1-WAY OR 2-WAY)
—	WCO WALL CLEAN OUT
—	PIPE DOWN
—	PIPE UP
—	PIPE CAP
—	FD FLOOR DRAIN
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—	GATE VALVE
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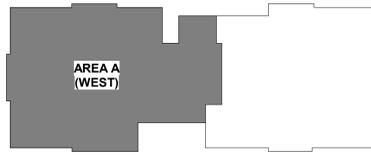
- KEYNOTES**
- PROVIDE FLEXIBLE JOINT IN PIPING AT EXPANSION JOINT CROSSING.
 - STORM DRAIN PIPING RD-1 AND OD-1 FROM FLOOR ABOVE.
 - VENT PIPING OVERLAY SANITARY LINE WORK. REFER TO ISOMETRICS FOR ADDITIONAL INFORMATION.
 - ROUTE 6" SANITARY PIPE TO EXISTING SANITARY MAIN. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
 - REFER TO CIVIL DRAWINGS FOR CONTINUATION REFER TO DETAIL T/S-201 FOR FOOTING AND FOR PENETRATION REFER TO DETAIL F/S-202.
 - VENT PIPE CONTINUED THROUGH PLENUM SPACE ABOVE TO VTR. REFER TO PL102 FOR CONTINUATION.

PARTITION RATING GRAPHICS:

PARTITIONS REQUIRED TO BE SMOKE RESISTANT, FIRE RESISTANT, OR BOTH FIRE AND SMOKE RESISTANT ARE SHOWN GRAPHICALLY ON PLANS WITH HATCH PATTERNS.

PARTITION RATING GRAPHIC DESIGNATION	PRIORITY
1 HR FIRE BARRIER	1 HIGHEST
2 HR FIRE BARRIER	2
2 HR FIRE & SMOKE BARRIER	3
2 HR FIRE BARRIER-SHAFT	3
1 HR FIRE & SMOKE BARRIER	3
1 HR FIRE BARRIER	4
1 HR FIRE BARRIER-SHAFT	4
SMOKE PARTITION (NON RATED)	5 LOWEST
NON RATED	

1 SANITARY AND VENT FLOOR PLAN - LEVEL 1 - AREA A
1/8" = 1'-0"



KEY PLAN

Revisions:	Date:

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STATE OF NEW YORK
102795
6/09/2022

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
SANITARY AND VENT FLOOR PLAN - LEVEL 1 - AREA A

Approved:

Phase
ISSUED FOR CONSTRUCTION
FULLY SPRINKLERED

Project Title
NEW COMMUNITY LIVING CENTER

Location
2094 Albany Post Road, Montrose, NY 10548

Issue Date
05/09/2022

Checked
NPS

Drawn
AK

Project Number
620-334

Building Number
CLC

Drawing Number
PL101A

PLUMBING LEGEND	
⊘	DRAWING KEYNOTE
P-XXX	EQUIPMENT MARK
⊕	POINT OF NEW CONNECTION
⊕	POINT OF CONNECTION TO CIVIL
—	CW COLD WATER PIPING
—	HW HOT WATER PIPING
—	HWR HOT WATER RETURN PIPING
—	SAN SANITARY PIPING
—	V SANITARY VENT PIPING
⊕	VTR VENT THRU ROOF
⊕	GCO GRADE CLEAN OUT (1-WAY OR 2-WAY)
⊕	FCO FLOOR CLEAN OUT (1-WAY OR 2-WAY)
—	WCO WALL CLEAN OUT
—	PIPE DOWN
—	PIPE UP
—	PIPE CAP
—	FD FLOOR DRAIN
—	BV BALL VALVE
—	CV CHECK VALVE
—	GV GATE VALVE
—	PLV PLUG VALVE
—	STR STRAINER
—	UN UNION
—	PRV PRESSURE RELIEF VALVE
—	BPV BACKFLOW PREVENTER

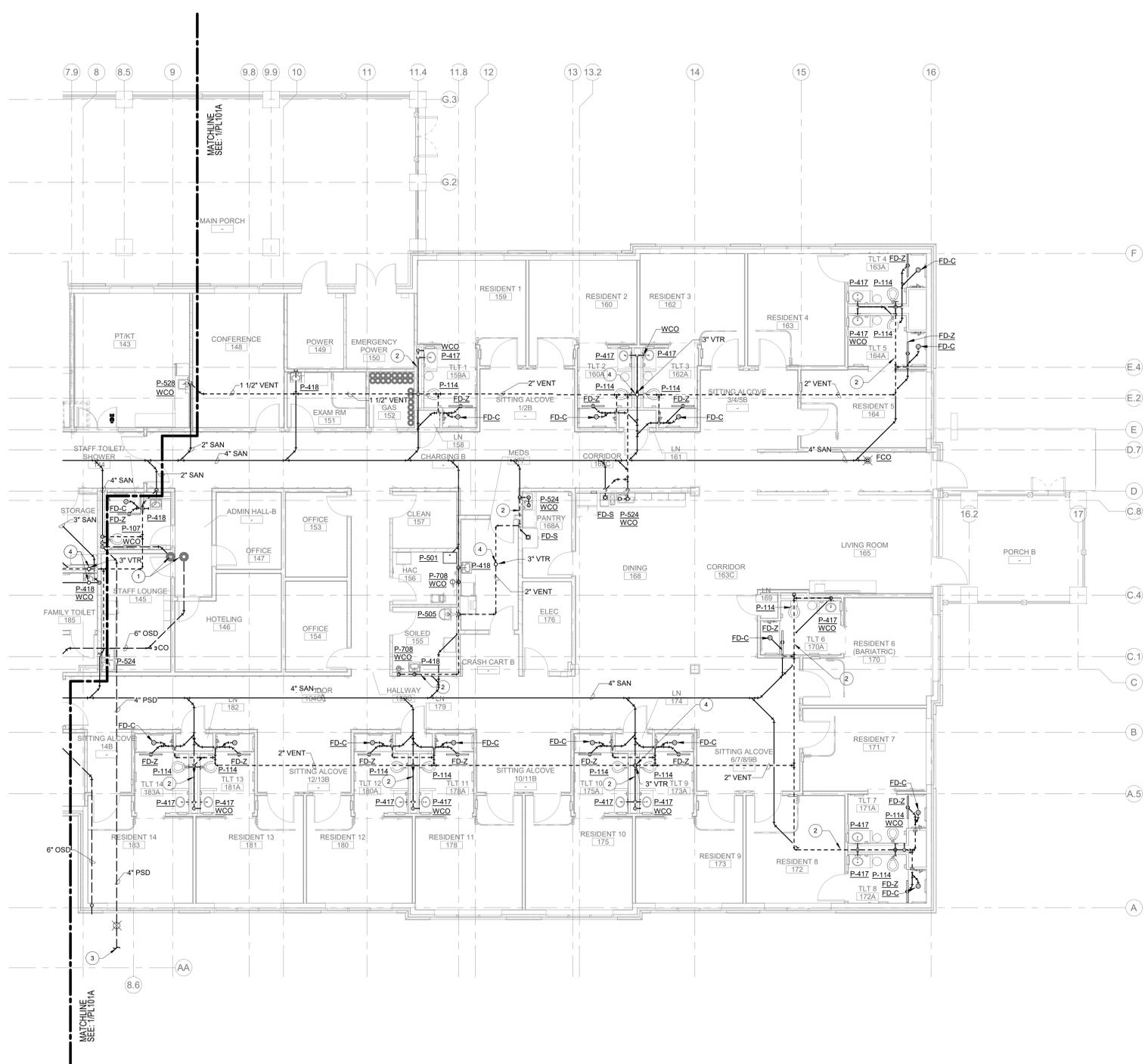
- GENERAL NOTES**
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- KEYNOTES**
- STORM DRAIN PIPING RD-1 AND OD-1 FROM FLOOR ABOVE.
 - VENT PIPING OVERLAY SANITARY LINE WORK. REFER TO ISOMETRICS FOR ADDITIONAL INFORMATION.
 - REFER TO CIVIL DRAWINGS FOR CONTINUATION. REFER TO DETAIL T/S-201 FOR FOOTING AND FOR PENETRATION REFER TO DETAIL FIS-202.
 - VENT PIPE CONTINUED THROUGH PLENUM SPACE ABOVE TO VTR. REFER TO PL102 FOR CONTINUATION.

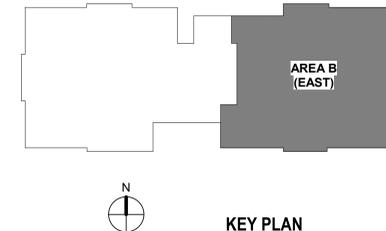
PARTITION RATING GRAPHICS:

PARTITIONS REQUIRED TO BE SMOKE RESISTANT, FIRE RESISTANT, OR BOTH FIRE AND SMOKE RESISTANT ARE SHOWN GRAPHICALLY ON PLANS WITH HATCH PATTERNS.

PARTITION RATING GRAPHIC DESIGNATION	PRIORITY
1 HR FIRE BARRIER	1 HIGHEST
2 HR FIRE BARRIER	2
2 HR FIRE & SMOKE BARRIER	3
1 HR FIRE & SMOKE BARRIER	4
1 HR FIRE BARRIER	5 LOWEST
SMOKE PARTITION (NON RATED)	
NON RATED	



1 SANITARY AND VENT FLOOR PLAN - LEVEL 1 - AREA B
1/8" = 1'-0"



Revisions:	Date:

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102795
5/09/2022

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
SANITARY AND VENT FLOOR PLAN - LEVEL 1 - AREA B

Approved:

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ISSUED FOR CONSTRUCTION

FULLY SPRINKLERED

Project Title
NEW COMMUNITY LIVING CENTER

Location
2094 Albany Post Road, Montrose, NY 10548

Issue Date
05/09/2022

Checked
NPS

Drawn
AK

Project Number
620-334

Building Number
CLC

Drawing Number
PL101B

7/27/2021 3:35:09 PM
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PLUMBING LEGEND	
#	DRAWING KEYNOTE
P-XXX	EQUIPMENT MARK
⊕	POINT OF NEW CONNECTION
⊕	POINT OF CONNECTION TO CIVIL
---	CW COLD WATER PIPING
---	HW HOT WATER PIPING
---	HWR HOT WATER RETURN PIPING
---	SAN SANITARY PIPING
---	V SANITARY VENT PIPING
⊕	VTR VENT THRU ROOF
⊕	GCO GRADE CLEAN OUT (1-WAY OR 2-WAY)
⊕	FCO FLOOR CLEAN OUT (1-WAY OR 2-WAY)
⊕	WCO WALL CLEAN OUT
+	PIPE DOWN
+	PIPE UP
+	PIPE CAP
+	FD FLOOR DRAIN
+	BV BALL VALVE
+	BV BUTTERFLY VALVE
+	CV CHECK VALVE
+	GV GATE VALVE
+	PV PLUG VALVE
+	STR STRAINER
+	UN UNION
+	PRV PRESSURE RELIEF VALVE
+	BV BACKFLOW PREVENTER

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 - DOMESTIC COLD, HOT AND HOT WATER RETURN PIPING SHOWN ON THIS PLAN IS LOCATED BELOW THE PENTHOUSE FLOOR SLAB UNLESS NOTED OTHERWISE.

- KEYNOTES**
- DCW PIPE TO COLD WATER FILL LINE FOR CHILLED WATER SYSTEM.
 - DCW PIPE TO WATER TREATMENT SYSTEM WHICH SERVES THE CLEAN STEAM GENERATOR. PROVIDE BACKFLOW PREVENTOR.

DEDUCTIVE ALTERNATE NOTES

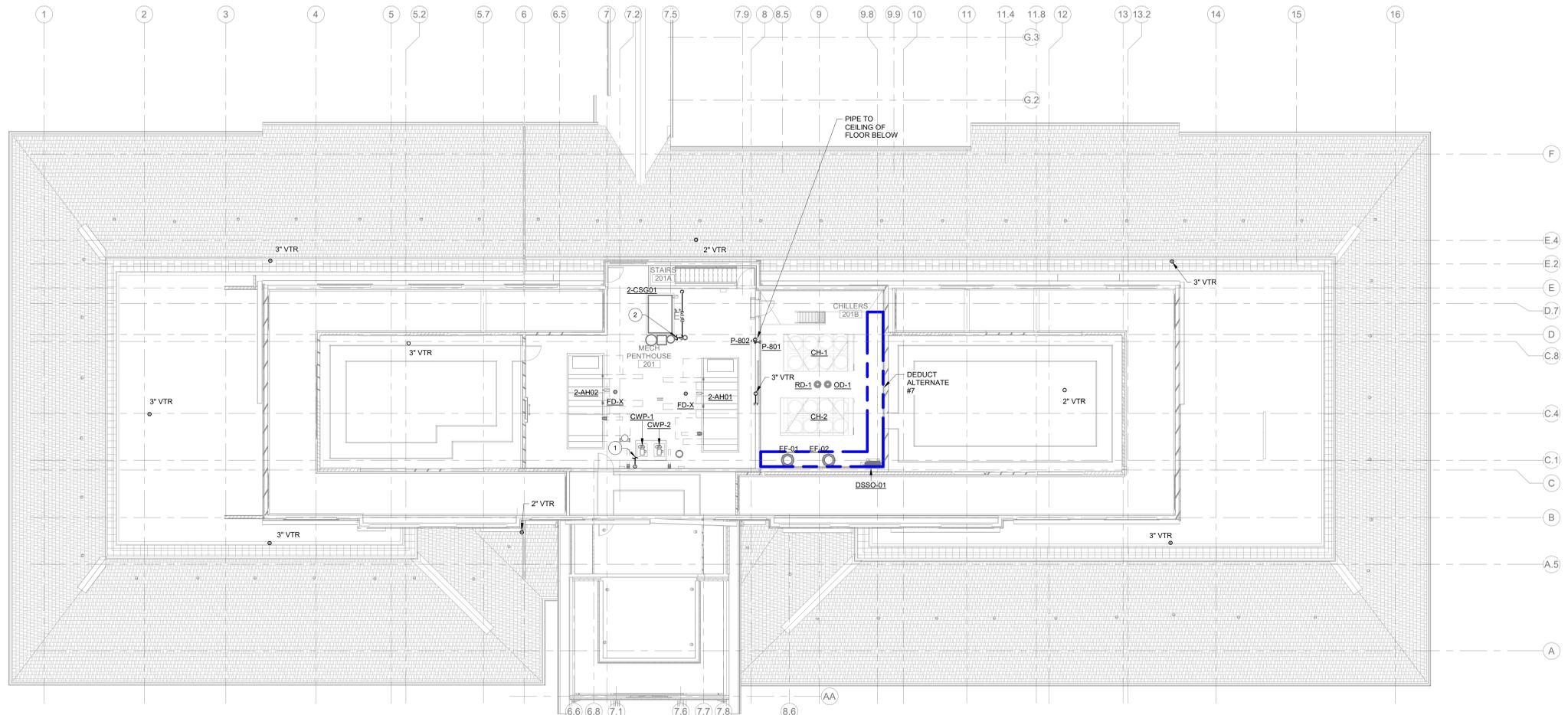
(DEDUCTIVE ALTERNATES ARE CASCADING AND MUST BE EXERCISED IN THE ORDER PRESENTED FOR A DETAILED DESCRIPTION OF EACH DEDUCTIVE ALTERNATE REFER TO COVER SHEET ON G1000)

DEDUCTIVE ALTERNATE #7: REDUCE PLATFORM AT CHILLER

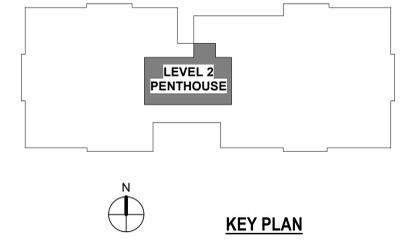
PARTITION RATING GRAPHICS:

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PARTITION RATING GRAPHIC DESIGNATION	PRIORITY
4 HR FIRE BARRIER	1 HIGHEST
3 HR FIRE BARRIER	2
2 HR FIRE & SMOKE BARRIER	3
2 HR FIRE BARRIER	3
2 HR FIRE BARRIER/SHAFT	3
1 HR FIRE & SMOKE BARRIER	4
1 HR FIRE BARRIER	4
1 HR FIRE BARRIER/SHAFT	4
SMOKE PARTITION (NON RATED)	5 LOWEST
NON RATED	5 LOWEST



1 PLUMBING OVERALL FLOOR PLAN - PENTHOUSE
3/32" = 1'-0"



Revisions:	Date:

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STATE OF NEW YORK
NICHOLAS P. STEPHENSON
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5/09/2022

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
PLUMBING OVERALL FLOOR PLAN - PENTHOUSE

Approved:

Phase
ISSUED FOR CONSTRUCTION

FULLY SPRINKLERED

Project Title
NEW COMMUNITY LIVING CENTER

Location
2094 Albany Post Road, Montrose, NY 10548

Issue Date
05/09/2022

Checked
NPS

Drawn
AK

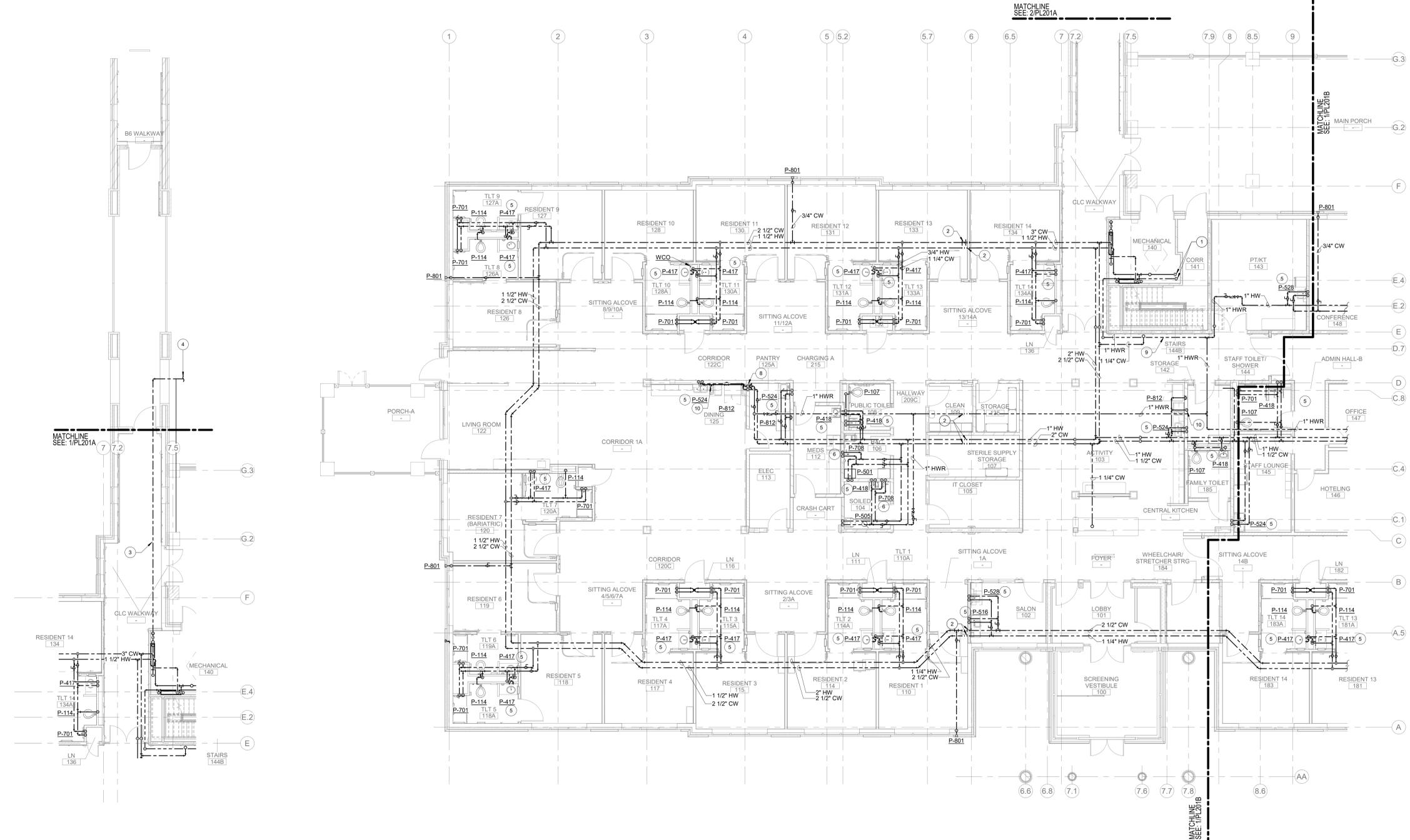
Project Number
620-334

Building Number
CLC

Drawing Number
PL102

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2 DOMESTIC WATER FLOOR PLAN - LEVEL 1 - COVERED WALKWAY
1/8" = 1'-0"

1 DOMESTIC WATER FLOOR PLAN - LEVEL 1 - AREA A
1/8" = 1'-0"

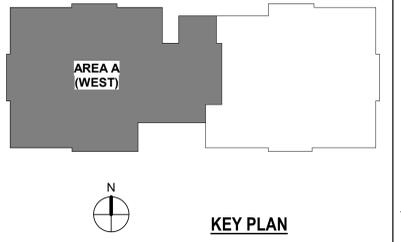
PLUMBING LEGEND	
⊘	DRAWING KEYNOTE
P-XXX	EQUIPMENT MARK
⊕	POINT OF NEW CONNECTION
—○—	POINT OF CONNECTION TO CIVIL
—	CW COLD WATER PIPING
—	HW HOT WATER PIPING
—	HWR HOT WATER RETURN PIPING
—	SAN SANITARY PIPING
—	V SANITARY VENT PIPING
⊕	VTR VENT THRU ROOF
⊕	GCO GRADE CLEAN OUT (1-WAY OR 2-WAY)
⊕	FCO FLOOR CLEAN OUT (1-WAY OR 2-WAY)
—	WCO WALL CLEAN OUT
—	PIPE DOWN
—	PIPE UP
—	PIPE CAP
—	FD FLOOR DRAIN
—	BV BALL VALVE
—	CV CHECK VALVE
—	GV GATE VALVE
—	PV PLUG VALVE
—	STR STRAINER
—	UN UNION
—	PRV PRESSURE RELIEF VALVE
—	BVP BACKFLOW PREVENTER

- KEYNOTES**
- 2" DCW, 2" DHW, 1" HWR DOWN TO HOT WATER HEAT EXCHANGERS IN MECHANICAL ROOM.
 - PROVIDE FLEXIBLE JOINT IN PIPING AT EXPANSION JOINT CROSSING.
 - 3" DCW PIPING IN THE STEAM TUNNEL.
 - ROUTE NEW 3" DCW PIPING FROM EXISTING MAIN. REFER TO CIVIL DRAWINGS FOR CONTINUATION AND COORDINATION.
 - PROVIDE WITH ASSE 1070 THERMOSTATIC ANY-SCALD MIXING VALVE PER DETAIL 1 ON SHEET P-502.
 - PROVIDE WITH ASSE 1071 THERMOSTATIC ANY-SCALD MIXING VALVE PER DETAIL 1 ON SHEET P-502.
 - ROUTE 3/4" DCW PIPING TO WALL HYDRANT IN ATTIC SPACE.
 - ROUTE 3/4" DCW, DHW PIPING DOWN TO PLUMBING FIXTURES.
 - ROUTE PIPING TIGHT TO WALL, PAINT TO MATCH WALL.
 - 1/2" DCW CONNECTION FOR COFFEE MAKER. COORDINATE EXACT LOCATION.

PARTITION RATING GRAPHICS:

PARTITIONS REQUIRED TO BE SMOKE RESISTANT, FIRE RESISTANT, OR BOTH FIRE AND SMOKE RESISTANT ARE SHOWN GRAPHICALLY ON PLANS WITH HATCH PATTERNS.

PARTITION RATING GRAPHIC DESIGNATION	PRIORITY
▨	4 HR FIRE BARRIER
▨	3 HR FIRE BARRIER
▨	2 HR FIRE & SMOKE BARRIER
▨	2 HR FIRE BARRIER
▨	1 HR FIRE & SMOKE BARRIER
▨	1 HR FIRE BARRIER
▨	1 HR FIRE BARRIER/SHAFT
▨	1 HR FIRE & SMOKE BARRIER/SHAFT
▨	SMOKE PARTITION (NON RATED)
▨	NON RATED



Revisions:	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
DOMESTIC WATER FLOOR PLAN - LEVEL 1 - AREA A

Phase
ISSUED FOR CONSTRUCTION

Approved:

FULLY SPRINKLERED

Project Title
NEW COMMUNITY LIVING CENTER

Location
2094 Albany Post Road, Montrose, NY 10548

Issue Date
05/09/2022

Checked
CJF/NPS

Drawn
NS

Project Number
620-334

Building Number
CLC

Drawing Number
PL201A

PLUMBING LEGEND

#	DRAWING KEYNOTE
P-XXX	EQUIPMENT MARK
+	POINT OF NEW CONNECTION
◆	POINT OF CONNECTION TO CIVIL
---	CW COLD WATER PIPING
---	HW HOT WATER PIPING
---	HWR HOT WATER RETURN PIPING
---	SAN SANITARY PIPING
---	V SANITARY VENT PIPING
○ OR △	VTR VENT THRU ROOF
⊗ OR ⊗	GCO GRADE CLEAN OUT (1-WAY OR 2-WAY)
⊗ OR ⊗	FCO FLOOR CLEAN OUT (1-WAY OR 2-WAY)
---	WCO WALL CLEAN OUT
+	PIPE DOWN
+	PIPE UP
+	PIPE CAP
+	FD FLOOR DRAIN
+	BV BALL VALVE
+	BV BUTTERFLY VALVE
+	CV CHECK VALVE
+	GV GATE VALVE
+	PV PLUG VALVE
+	STR STRAINER
+	UN UNION
+	PRV PRESSURE RELIEF VALVE
+	BP BACKFLOW PREVENTER

GENERAL NOTES

- ALL SERVICE INTERRUPTIONS TO THIS FACILITY MUST BE SCHEDULED AT LEAST 3 WEEKS IN ADVANCE AND BE KEPT TO A MINIMUM. COORDINATE ALL DISRUPTIVE WORK AND OUTAGE REQUIREMENTS WITH THE COR.
- EXISTING PIPE ROUTING SHOWN ON DRAWINGS ARE APPROXIMATE LOCATIONS AND FOR REFERENCE ONLY. FIELD VERIFY AND COORDINATE WITH EXACT LOCATIONS, ELEVATIONS, SIZES, AND CONDITIONS OF EXISTING COMPONENTS.
- CONTRACTOR TO FIELD VERIFY ALL CONNECTION POINTS TO EXISTING SYSTEM PIPING AND IDENTIFY ALL RISERS AFFECTED.
- PROVIDE ACCESS PANELS AS REQUIRED FOR ALL VALVES NOT LOCATED ABOVE LAY-IN CEILING.
- DOMESTIC COLD, HOT, AND HOT WATER RETURN PIPING SHOWN ON THIS PLAN IS LOCATED ABOVE THE FIRST FLOOR CEILING UNLESS NOTED OTHERWISE.
- COORDINATE SHUTOFF VALVE ACCESS WITH SPRINKLER HEADS LOCATIONS.

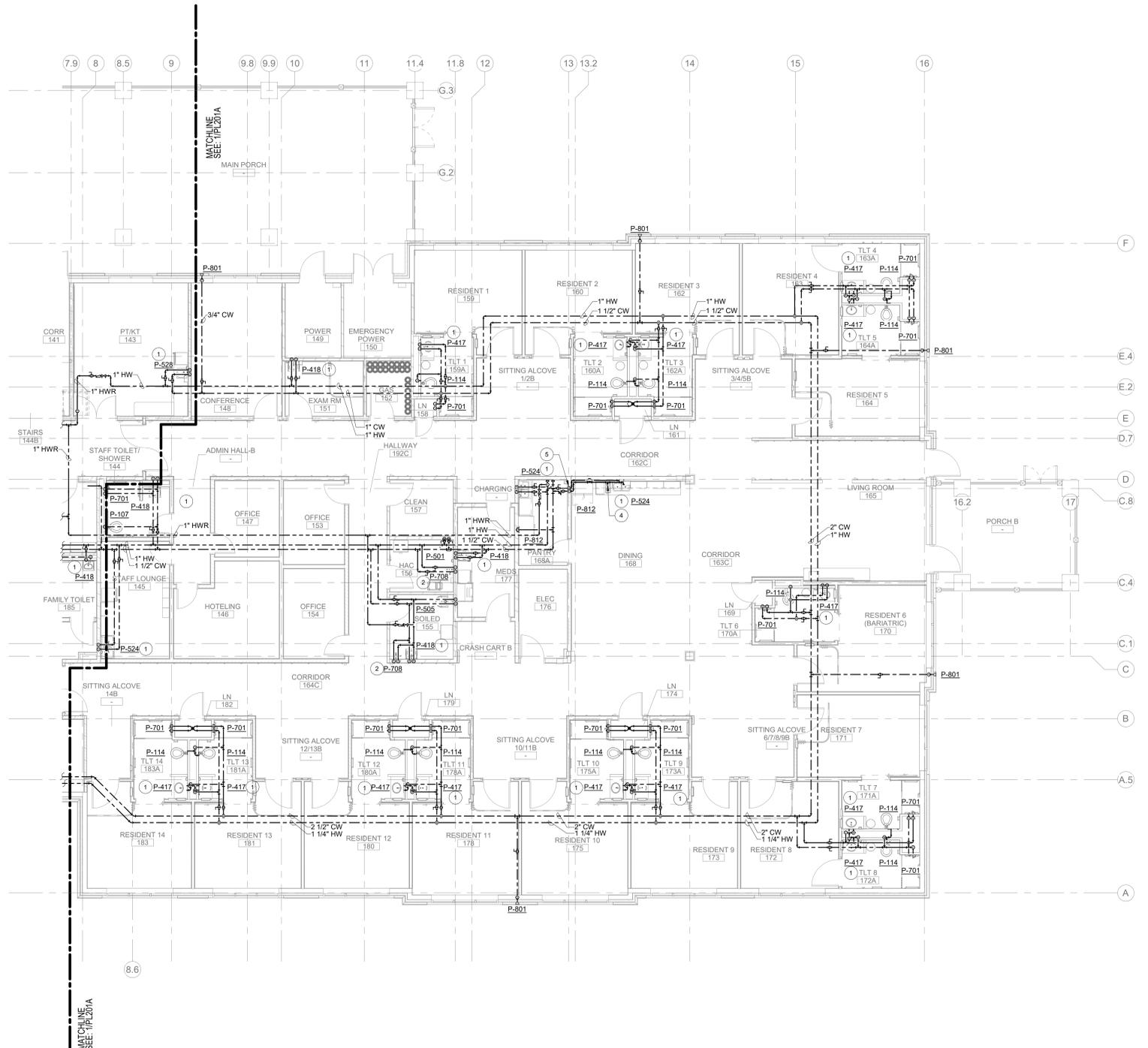
KEYNOTES

- PROVIDE WITH ASSE 1070 THERMOSTATIC ANY-SCALD MIXING VALVE PER DETAIL 1 ON SHEET P-502.
- PROVIDE WITH ASSE 1071 THERMOSTATIC ANY-SCALD MIXING VALVE PER DETAIL 1 ON SHEET P-502.
- ROUTE 3/4" DCW PIPING TO WALL HYDRANT IN ATTIC SPACE.
- 1/2" DCW CONNECTION FOR COFFEE MAKER, COORDINATE EXACT LOCATION.
- ROUTE 3/4" DCW, DHW PIPING DOWN TO PLUMBING FIXTURES.

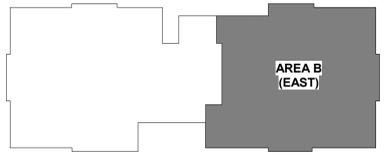
PARTITION RATING GRAPHICS:

PARTITIONS REQUIRED TO BE SMOKE RESISTANT, FIRE RESISTANT, OR BOTH FIRE AND SMOKE RESISTANT ARE SHOWN GRAPHICALLY ON PLANS WITH HATCH PATTERNS.

PARTITION RATING GRAPHIC DESIGNATION	PRIORITY
4 HR FIRE BARRIER	1 HIGHEST
3 HR FIRE BARRIER	2
2 HR FIRE & SMOKE BARRIER	3
2 HR FIRE BARRIER	3
2 HR FIRE & SMOKE BARRIER/SHAFT	3
1 HR FIRE & SMOKE BARRIER	4
1 HR FIRE BARRIER	4
1 HR FIRE BARRIER/SHAFT	4
SMOKE PARTITION (NON RATED)	5 LOWEST
NON RATED	5 LOWEST



1 DOMESTIC WATER FLOOR PLAN - LEVEL 1 - AREA B
1/8" = 1'-0"



KEY PLAN

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STAMP

Office of Construction and Facilities Management

Drawing Title
DOMESTIC WATER FLOOR PLAN - LEVEL 1 - AREA B

Approved:

Phase
ISSUED FOR CONSTRUCTION

FULLY SPRINKLERED

Project Title
NEW COMMUNITY LIVING CENTER

Location
 2094 Albany Post Road, Montrose, NY 10548

Issue Date
 05/09/2022

Checked
 C/JF/NPS

Drawn
 NS

Project Number
 620-334

Building Number
 CLC

Drawing Number
PL201B

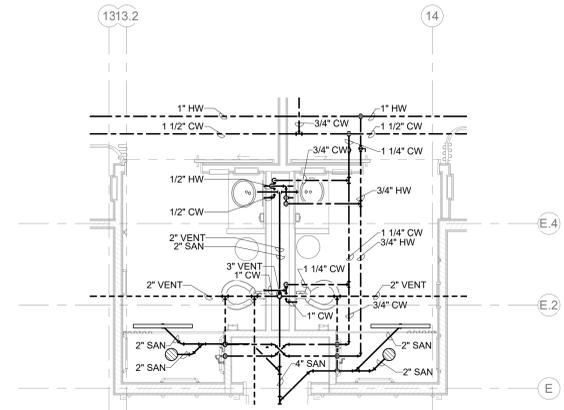
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- ### GENERAL NOTES
- ALL SERVICE INTERRUPTIONS TO THIS FACILITY MUST BE SCHEDULED AT LEAST 3 WEEKS IN ADVANCE AND BE KEPT TO A MINIMUM. COORDINATE ALL DISRUPTIVE WORK AND OUTAGE REQUIREMENTS WITH THE COR.
 - EXISTING PIPE ROUTING SHOWN ON DRAWINGS ARE APPROXIMATE LOCATIONS AND FOR REFERENCE ONLY. FIELD VERIFY AND COORDINATE WITH EXACT LOCATIONS, ELEVATIONS, SIZES, AND CONDITIONS OF EXISTING COMPONENTS.
 - CONTRACTOR TO FIELD VERIFY ALL CONNECTION POINTS TO EXISTING SYSTEM PIPING AND IDENTIFY ALL RISERS AFFECTED.
 - PROVIDE ACCESS PANELS AS REQUIRED FOR ALL VALVES NOT LOCATED ABOVE LAY-IN CEILING.
 - DOMESTIC COLD, HOT, AND HOT WATER RETURN PIPING SHOWN ON THIS PLAN IS LOCATED ABOVE THE FIRST FLOOR CEILING UNLESS NOTED OTHERWISE.
 - COORDINATE SHUTOFF VALVE ACCESS WITH SPRINKLER HEADS LOCATIONS.
- ### KEYNOTES
- DOW PIPE TO COLD WATER FILL LINE FOR HEATING HOT WATER SYSTEM.

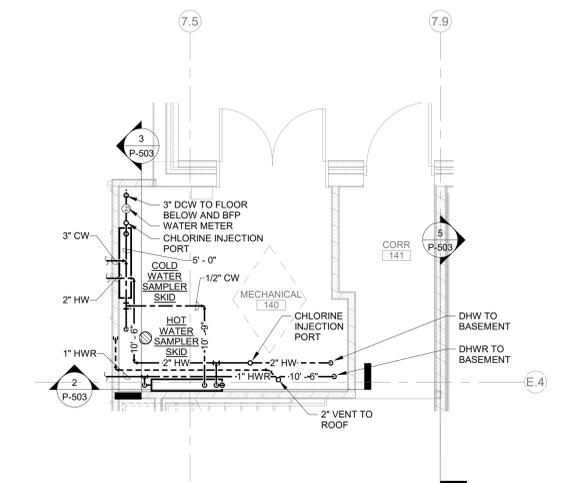
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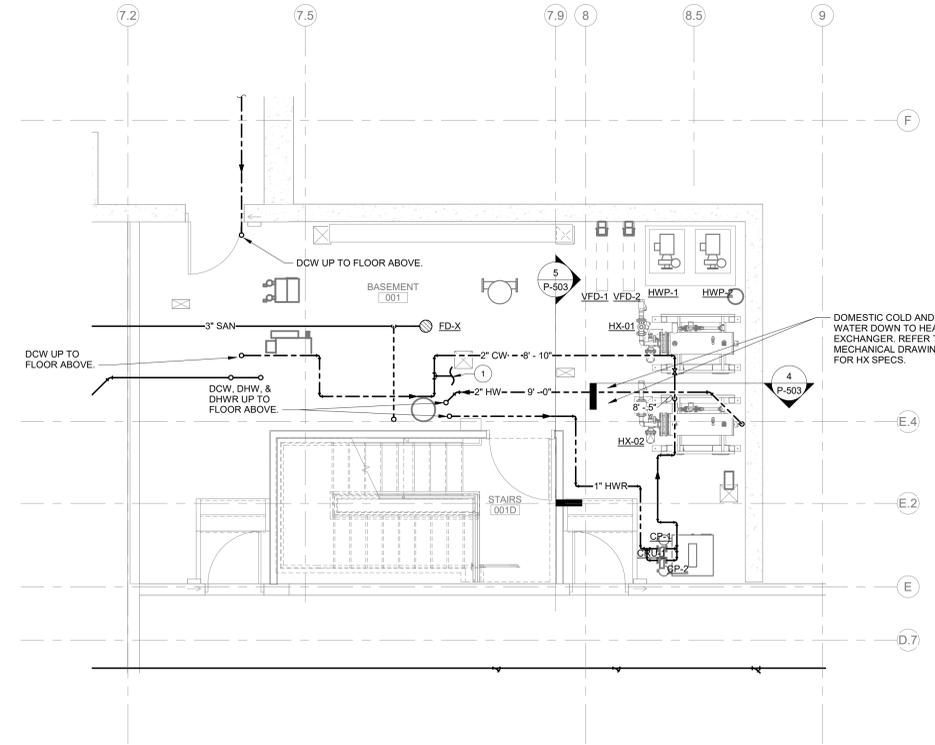
PARTITION RATING GRAPHIC DESIGNATION	PRIORITY
	4 HR FIRE BARRIER - 1 HIGHEST
	3 HR FIRE BARRIER - 2
	2 HR FIRE & SMOKE BARRIER - 3
	2 HR FIRE BARRIER - 3
	1 HR FIRE & SMOKE BARRIER - 4
	1 HR FIRE BARRIER - 4
	SMOKE PARTITION (NON RATED) - 5 LOWEST
	NON RATED - 5 LOWEST



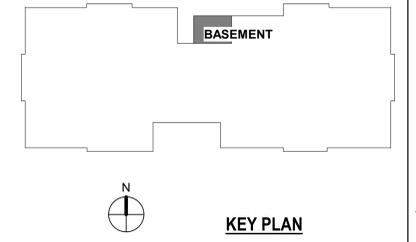
3 TYPICAL BACK TO BACK RESTROOM
1/4" = 1'-0"



2 ENLARGED MECHANICAL ROOM FLOOR PLAN - PLUMBING
1/4" = 1'-0"



1 ENLARGED BASEMENT FLOOR PLAN - PLUMBING
1/4" = 1'-0"



7/27/2021 3:35:12 PM BIM 360://620-334 New Community Living Center/15577_MEP_VA Montrose CLC_P001.rvt

Revisions:	Date:

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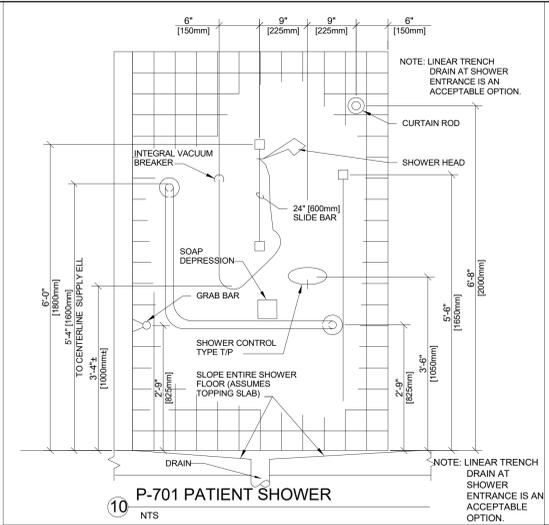


Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title PLUMBING ENLARGED FLOOR PLAN
Approved:

Phase ISSUED FOR CONSTRUCTION
FULLY SPRINKLERED

Project Title NEW COMMUNITY LIVING CENTER	Project Number 620-334
Location 2094 Albany Post Road, Montrose, NY 10548	Building Number CLC
Issue Date 05/09/2022	Checked NPS
Drawn AK	Drawing Number PL401

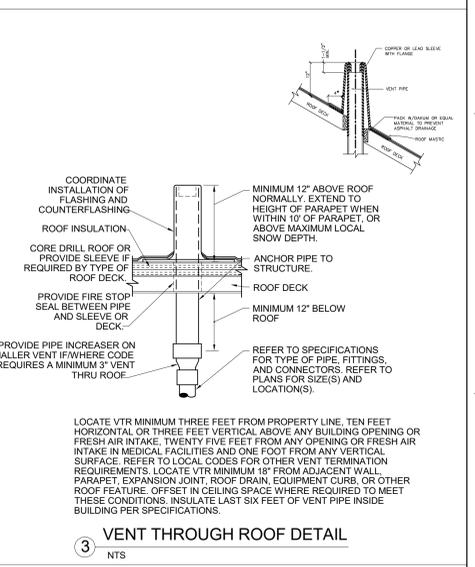
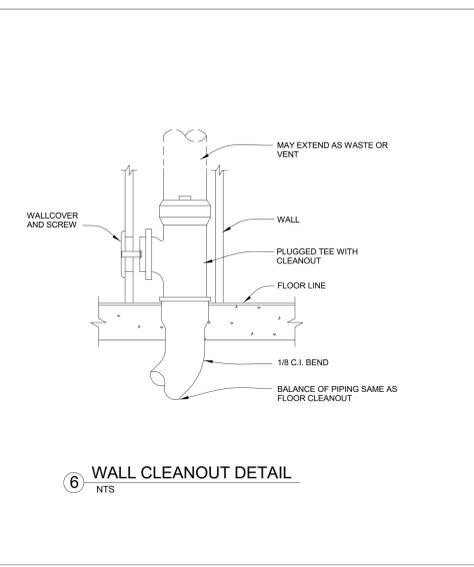
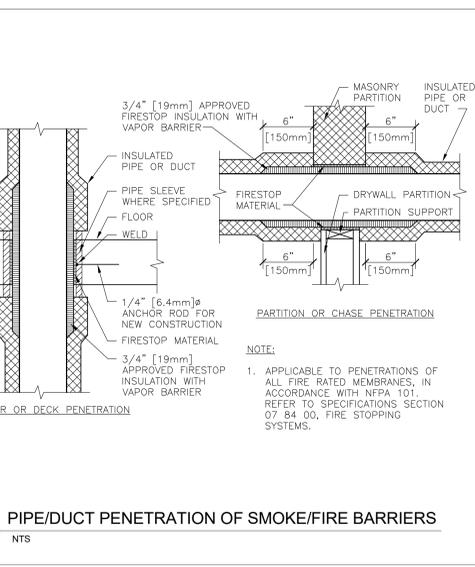
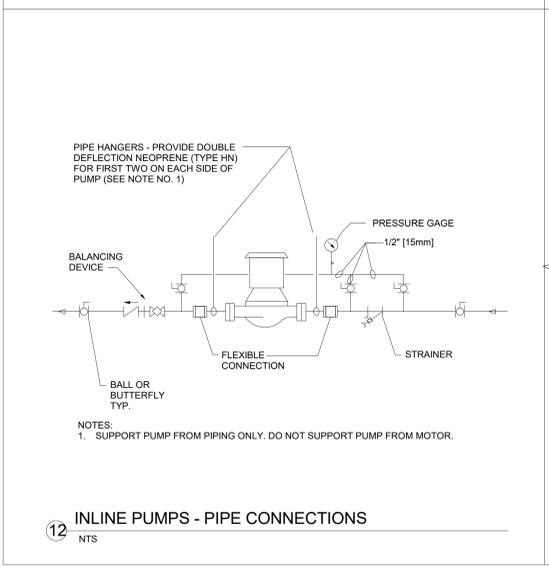
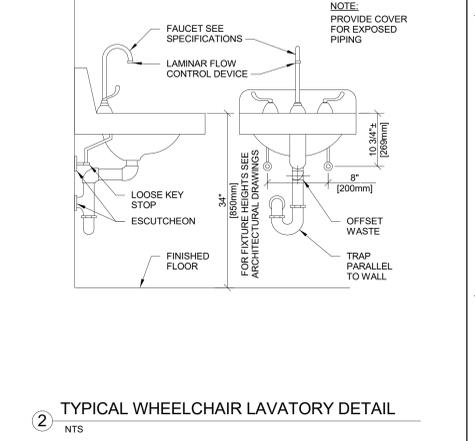
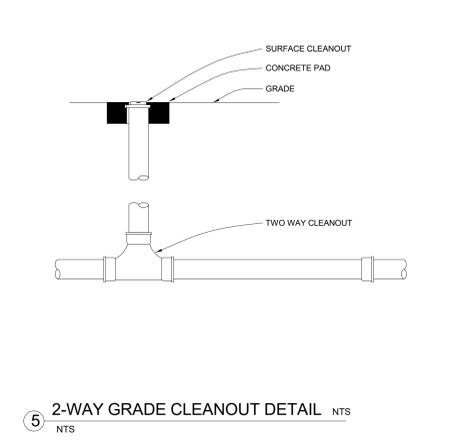
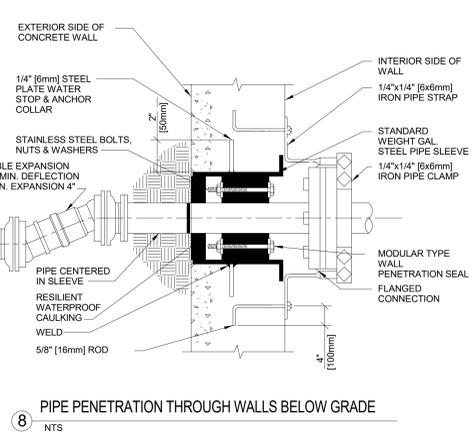
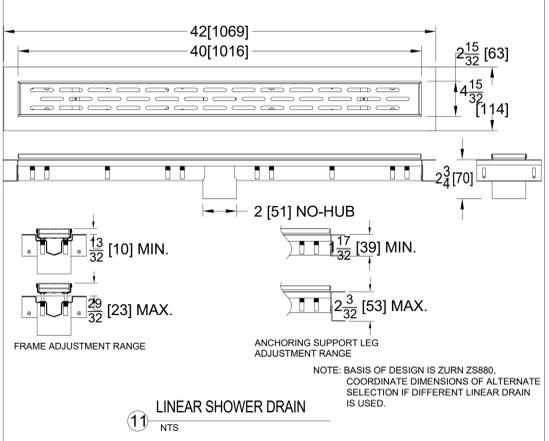
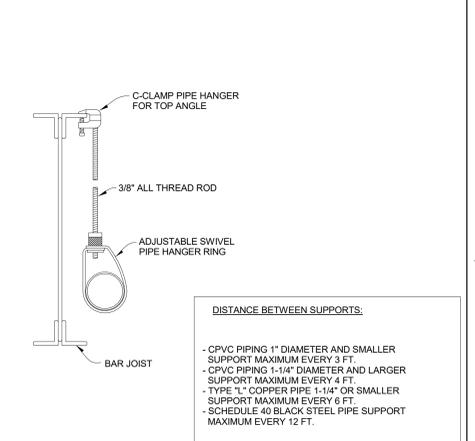
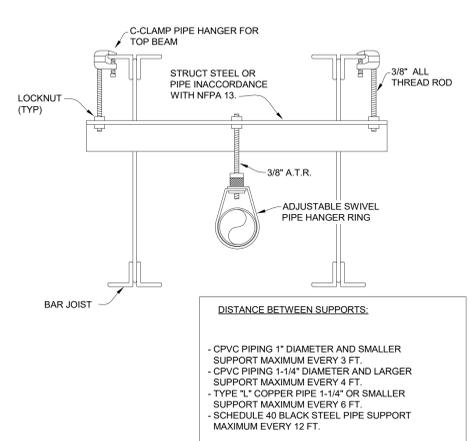


WATER HAMMER ARRESTOR SIZE

MODEL	CONNECTION DIA	FIXTURE UNITS	CROSS REFERENCE POS
LF15M2-A	1/2	1-11	A
LF15M2-B	3/4	12-32	B
LF15M2-C	1	33-60	C
LF15M2-D	1	61-113	D
LF15M2-E	1	114-154	E
LF15M2-F	1	155-330	F

SIZING BASED ON WATTS SERIES LF15M2

WATER HAMMER ARRESTOR DETAIL
NTS



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Revisions:	Date:

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5/09/2022

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
PLUMBING DETAILS

Approved:

Phase
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FULLY SPRINKLERED

Project Title
NEW COMMUNITY LIVING CENTER

Location
2094 Albany Post Road, Montrose, NY 10548

Issue Date
05/09/2022

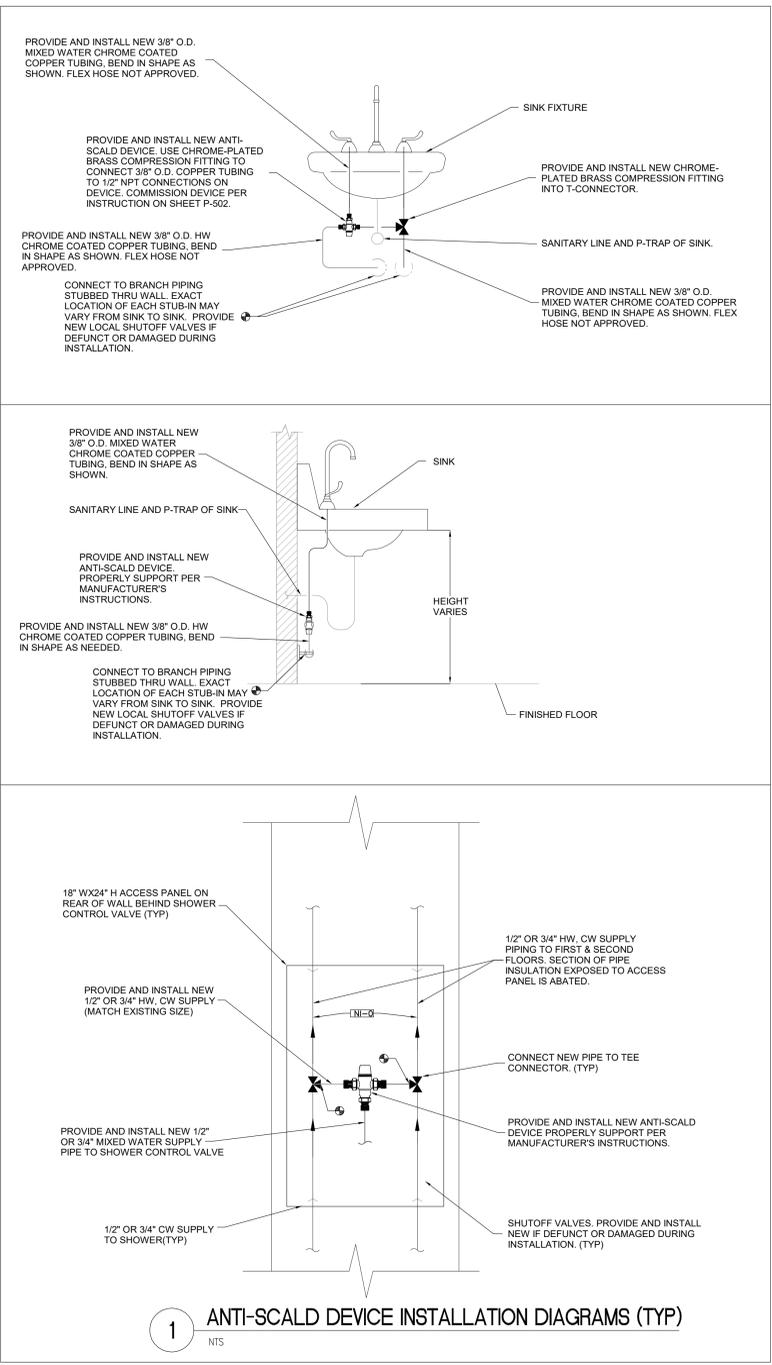
Checked
NPS

Drawn
DM

Project Number
620-334

Building Number
CLC

Drawing Number
P-501



- GENERAL REQUIREMENTS FOR ANTI SCALD VALVES (THERMOSTATIC MIXING VALVE):
- MEET ASSE REQUIREMENTS FOR WATER TEMPERATURE CONTROL FOR INTEND USE
 - BE "LEAD FREE" COMPLYING WITH NSF 372 (ASSE 1071 TYPES EXCLUDED)
 - HAVE CAST BRONZE BODIES WITH CORROSION RESISTANT INTERNAL PARTS PREVENTING SCALE AND BIOFILM BUILD-UP
 - HAVE INTERNAL PARTS ABLE TO WITHSTAND DISINFECTING OPERATIONS OF CHEMICAL AND THERMAL TREATMENT OF WATER
 - ALLOW EASY TEMPERATURE ADJUSTMENTS TO ALLOW HOT WATER CIRCULATIONS
 - HAVE INTEGRAL CHECK VALVES WITH SCREENS AND STOP
 - THE DEVICE SHALL HAVE AN INTEGRAL MEANS OF BYPASS TO ALLOW FOR THERMAL ERADICATION OF THE DOMESTIC HOT WATER SYSTEM.
- INSTALLATION OF THE ANTI-SCALD DEVICE
- THE INSTALL SHOULD BE AWARE OF THEIR RESPONSIBILITY AND DUTY OF CARE TO ENSURE ALL ASPECTS OF THE INSTALLATION COMPLY WITH CURRENT REGULATIONS AND LEGISLATION.
 - ANTI-SCALD DEVICE SHOULD BE INSTALLED USING THE APPROPRIATE STANDARD, CODE OF PRACTICE AND LEGISLATION APPLICABLE TO THE VETERANS HEALTH ADMINISTRATION.
 - THE ANTI-SCALD DEVICE MUST BE INSTALLED BY A LICENSED PLUMBER.
 - PRIOR TO INSTALLATION, THE SYSTEM MUST BE CHECKED TO ENSURE THAT THE SYSTEM OPERATING CONDITIONS FALL WITHIN THE RECOMMENDED OPERATING RANGE OF THE DEVICE. VERIFY SUPPLY TEMPERATURES, PRESSURE, RISK ASSESSMENTS, ETC.
 - THE SUPPLY SYSTEM INTO WHICH THE DEVICE IS TO BE INSTALLED MUST BE THOROUGHLY FLUSHED AND CLEANED TO REMOVE ANY DEBRIS WHICH MAY ACCUMULATE DURING INSTALLATION. FAILURE TO REMOVE DEBRIS WILL RESULT IN POOR PERFORMANCE.
 - THE DEVICE CAN BE INSTALLED IN ANY POSITION, VERTICALLY OR HORIZONTALLY. ENSURE ACCESS TO THE VALVE IS NOT OBSTRUCTED FOR FUTURE MAINTENANCE.
 - HOT AND COLD WATER SUPPLIES MUST BE CONNECTED TO THE DEVICE STRICTLY IN ACCORDANCE WITH THE MARKINGS ON THE DEVICE.
 - INSTALL PRESSURE REDUCING VALVES AS NEEDED TO ENSURE THE PRESSURE(S) SUPPLIED TO THE DEVICE ARE WITHIN ACCEPTABLE LIMITS.
 - ENSURE THE DEVICE COMES COMPLETE WITH CHECK VALVES AT HOT AND COLD INLETS.
 - THE TEMPERATURE OF THE HOT WATER SUPPLY AT THE POINT OF ENTRY TO THE DEVICE MUST BE A MINIMUM OF 18 DEGREES F HIGHER THAN THE SET MIXED WATER DISCHARGE TEMPERATURE.
 - THE DEVICE SHALL BE INSTALLED AND SUPPORTED OR ANCHORED IN PLACE SUCH THAT THE PIPEWORK TO AND FROM THE DEVICE ARE NOT USED TO SUPPORT THE WEIGHT OF THE DEVICE.
- COMMISSIONING OF THE ANTI-SCALD DEVICE
- UPON COMPLETION OF THE INSTALLATION, THE DEVICE SHOULD BE TESTED AND COMMISSIONED PER PROCEDURE OUTLINED BELOW OR AS SPECIFIED BY LOCAL AUTHORITY.
 - THE FOLLOWING INSTRUCTIONS SHOULD BE READ AND CAREFULLY UNDERSTOOD PRIOR TO COMMISSIONING THE DEVICE. ANY ASPECTS OF THE INSTALLATION/SYSTEM WHICH DO NOT COMPLY WITH THE INSTALLATION REQUIREMENTS OR SPECIFICATIONS MUST BE RECTIFIED PRIOR TO BEGINNING THE COMMISSIONING PROCESS.
 - ENSURE THAT THE SYSTEM IS THOROUGHLY CLEAN AND FREE FROM DEBRIS.
 - ENSURE A SUITABLY CALIBRATED AND ACCURATE DIGITAL THERMOMETER IS USED. THE DEVICE IS COMMISSIONED BY MEASURING THE MIXED WATER TEMPERATURE AT THE OUTLET.
 - IN ACCORDANCE WITH VHA DIRECTIVE 2009-009 DATED FEBRUARY 2009 AND POLICY MEMORANDUM 00-322 DATED APRIL 17 2016, MIXED WATER TEMPERATURE AT THE OUTLET MAY NOT EXCEED THE FOLLOWING:
 - FOR SINK TAPS: 110 DEG F
 - FOR FULL OR PARTIAL IMMERSION FIXTURES: 110 DEG
 - THE TEMPERATURE AT THE OUTLET OF EACH ANTI-SCALD DEVICE MUST BE SET TAKING INTO CONSIDERATION ANY FLUCTUATIONS WHICH MAY OCCUR WITHIN THE SYSTEM DUE TO SIMULTANEOUS DEMAND.
 - ONCE THE SUPPLY TEMPERATURE ARE STABILIZED AND THE NORMAL OPERATING CONDITIONS ARE ESTABLISHED, THE DEVICE CAN BE COMMISSIONED. FOLLOW THE SEQUENCE BELOW FOR COMMISSIONING THE DEVICE:
 - SET THE MIXED WATER DISCHARGE TEMPERATURE AS NEEDED.
 - MEASURE AND RECORD THE TEMPERATURE OF HOT AND COLD WATER SUPPLIES AT CONNECTIONS TO THE VALVE.
 - MEASURE AND RECORD THE TEMPERATURE OF THE WATER DISCHARGING FROM THE LARGEST AND SMALLEST VOLUME DRAW-OFF POINTS.
 - PERFORM THE THERMAL SHUT-OFF TEST. ISOLATE THE COLD WATER SUPPLY TO THE DEVICE AND MONITOR THE MIXED WATER TEMPERATURE. THE OUTLET FLOW SHOULD QUICKLY CEASE FLOWING.
 - MEASURE AND RECORD THE MAXIMUM MIXED WATER TEMPERATURE. THE TEMPERATURE SHOULD NOT EXCEED THE TEMPERATURE ALLOWED BY THE APPLICABLE VHA DIRECTIVE ABOVE.
 - RESTORE THE COLD WATER SUPPLY TO THE VALVE AND MEASURE AND RECORD THE OUTLET MIXED WATER TEMPERATURE AFTER THE MIXED WATER HAS STABILIZED. THE FINAL TEMPERATURE FOUND DURING THIS TEST SHOULD NOT EXCEED THE PERMITTED VALUES +3 DEG F.
 - ONCE THE DESIRED TEMPERATURE HAS BEEN REACHED, LOCK ANY ADJUSTMENT CONTROLS ON THE DEVICE.
 - RECORD THE ABOVE INFORMATION IN A COMMISSIONING REPORT AND SUBMIT TO VA COR PRIOR TO FINAL ACCEPTANCE
 - TEMPERATURE OVERRIDE TEST:
 - PUT EACH ANTI-SCALD VALVE IN BYPASS MODE.
 - ENSURE HEAT EXCHANGER IS IN THERMAL ERADICATION MODE AND IS DISCHARGING 180F WATER.
 - ENSURE WATER IS STILL DISCHARGING FROM THE FAUCET, AND TEMPERATURE IS 180F.

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Revisions:	Date:

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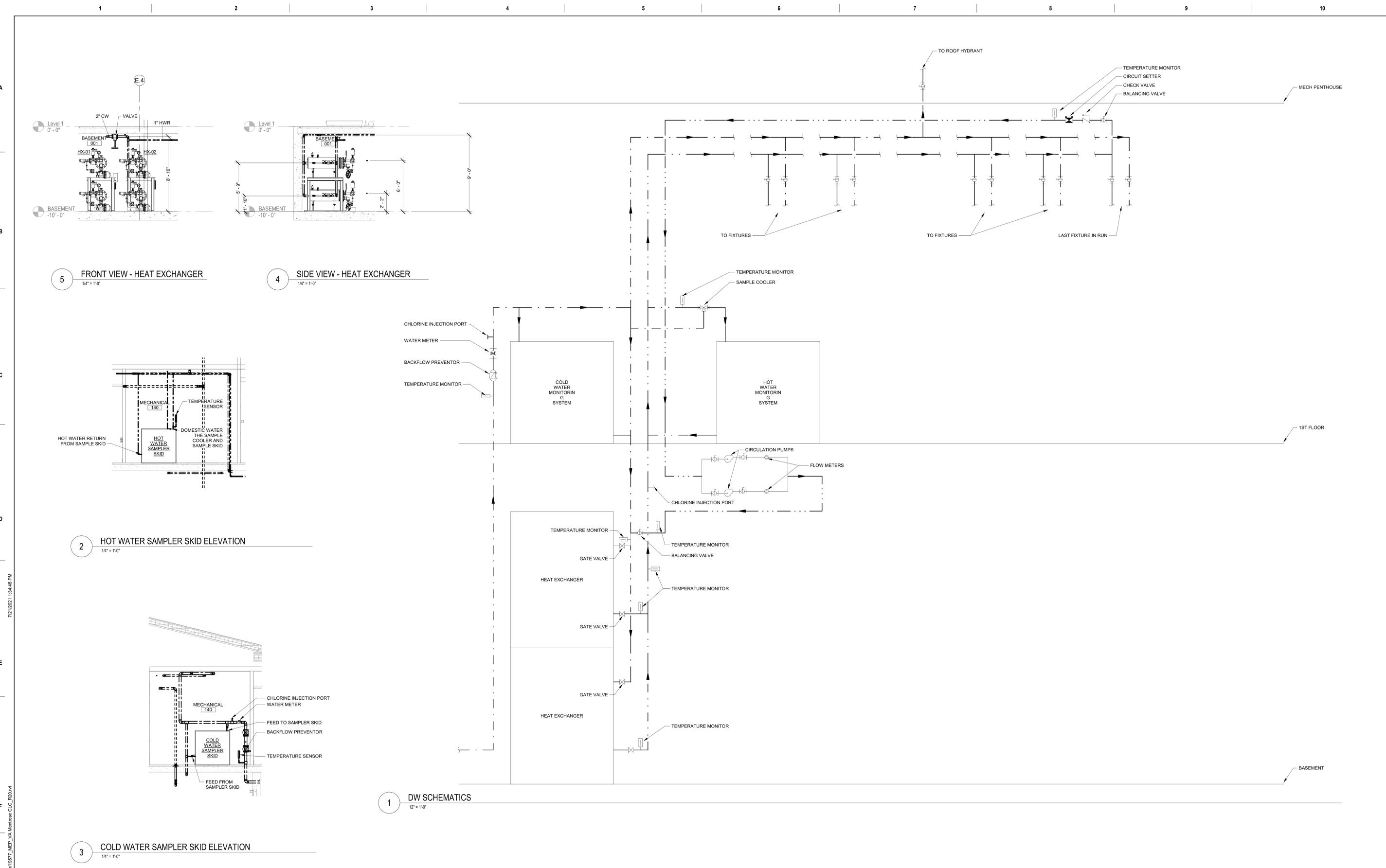
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Office of Construction and Facilities Management

 U.S. Department of Veterans Affairs

Drawing Title: PLUMBING DETAILS
 Approved:

Phase	ISSUED FOR CONSTRUCTION	Project Title	NEW COMMUNITY LIVING CENTER	Project Number	620-334
	FULLY SPRINKLERED	Location	2094 Albany Post Road, Montrose, NY 10548	Building Number	CLC
		Issue Date	05/09/2022	Drawing Number	P-502
		Checked	NPS	Drawn	DM



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Drawing Title
PLUMBING SCHEMATIC

Approved:

Phase
ISSUED FOR CONSTRUCTION

FULLY SPRINKLERED

Project Title
NEW COMMUNITY LIVING CENTER

Location
2094 Albany Post Road, Montrose, NY 10548

Issue Date
05/09/2022

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NPS

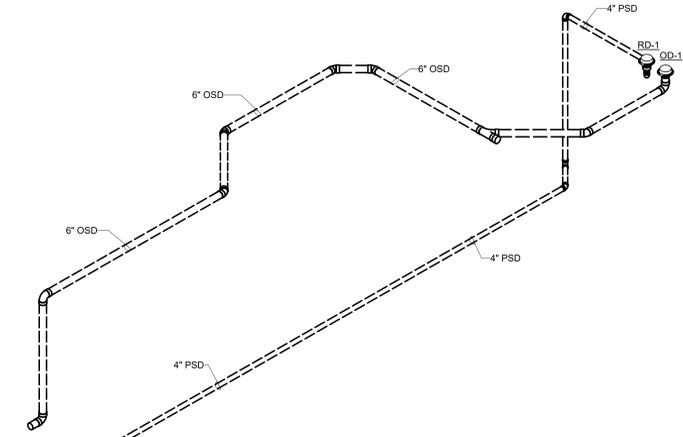
Drawn
TMR

Project Number
620-334

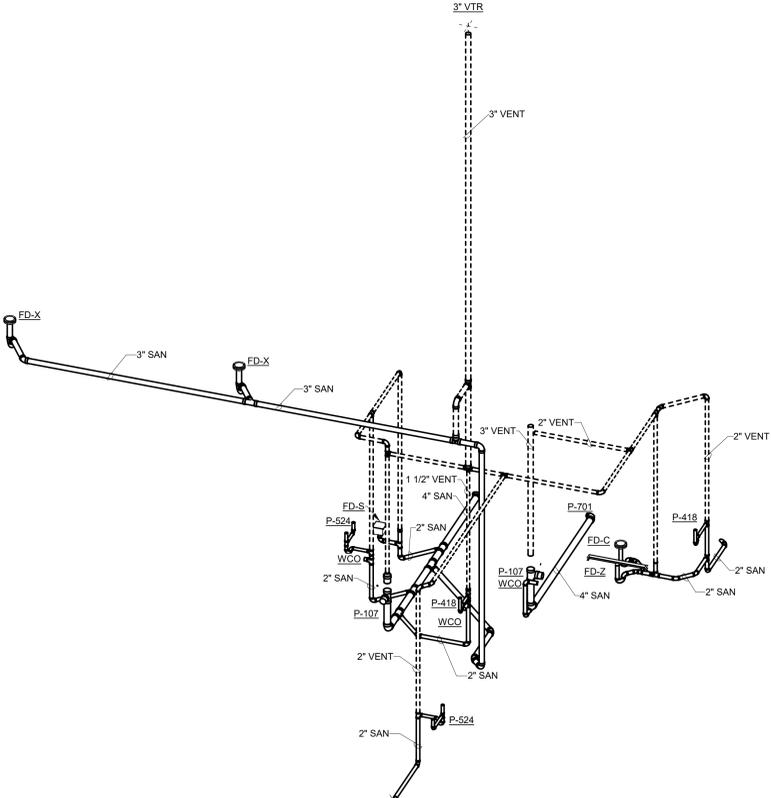
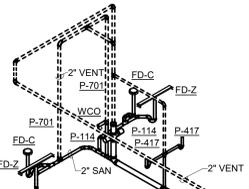
Building Number
CLC

Drawing Number
P-503

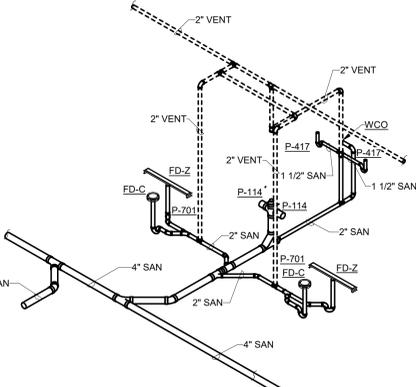
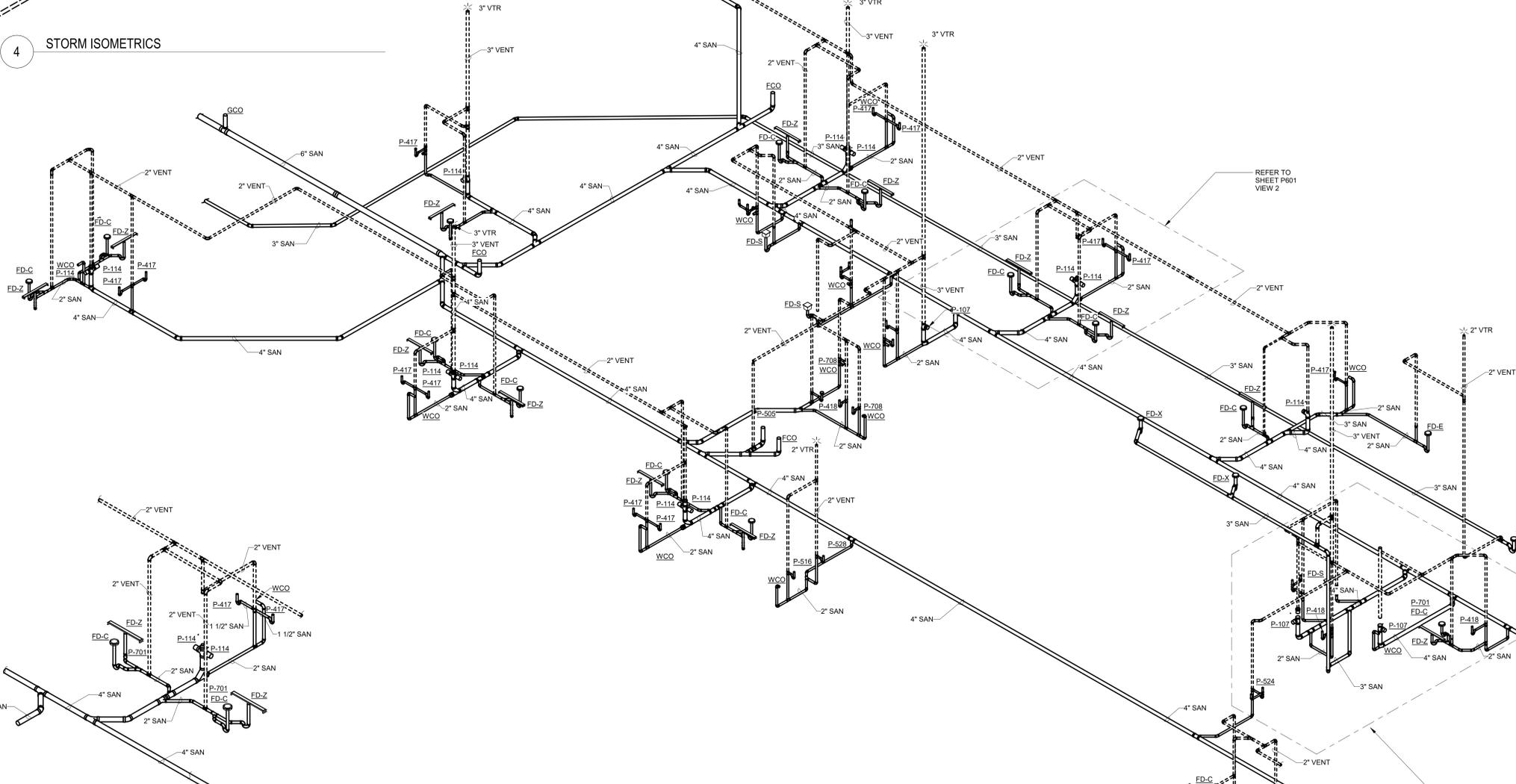
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4 STORM ISOMETRICS

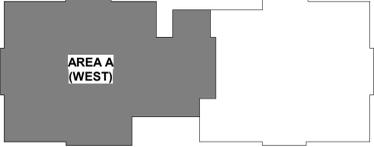


3 SANITARY AND VENT ISOMETRICS - LEVEL 1 - AREA A



2 SANITARY AND VENT ISOMETRICS - LEVEL 1 - AREA A

1 SANITARY AND VENT ISOMETRICS - LEVEL 1 - AREA A



KEY PLAN

Revisions:	Date:

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 STATE OF NEW YORK
 REGISTERED PROFESSIONAL ENGINEER
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 5/09/2022

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Drawing Title
 SANITARY & VENT ISOMETRICS - LEVEL 1 - AREA A

Phase
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Project Title
 NEW COMMUNITY LIVING CENTER

Project Number
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Location
 2094 Albany Post Road, Montrose, NY 10548

Issue Date
 05/09/2022

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Drawing Number
 P-601

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Phase
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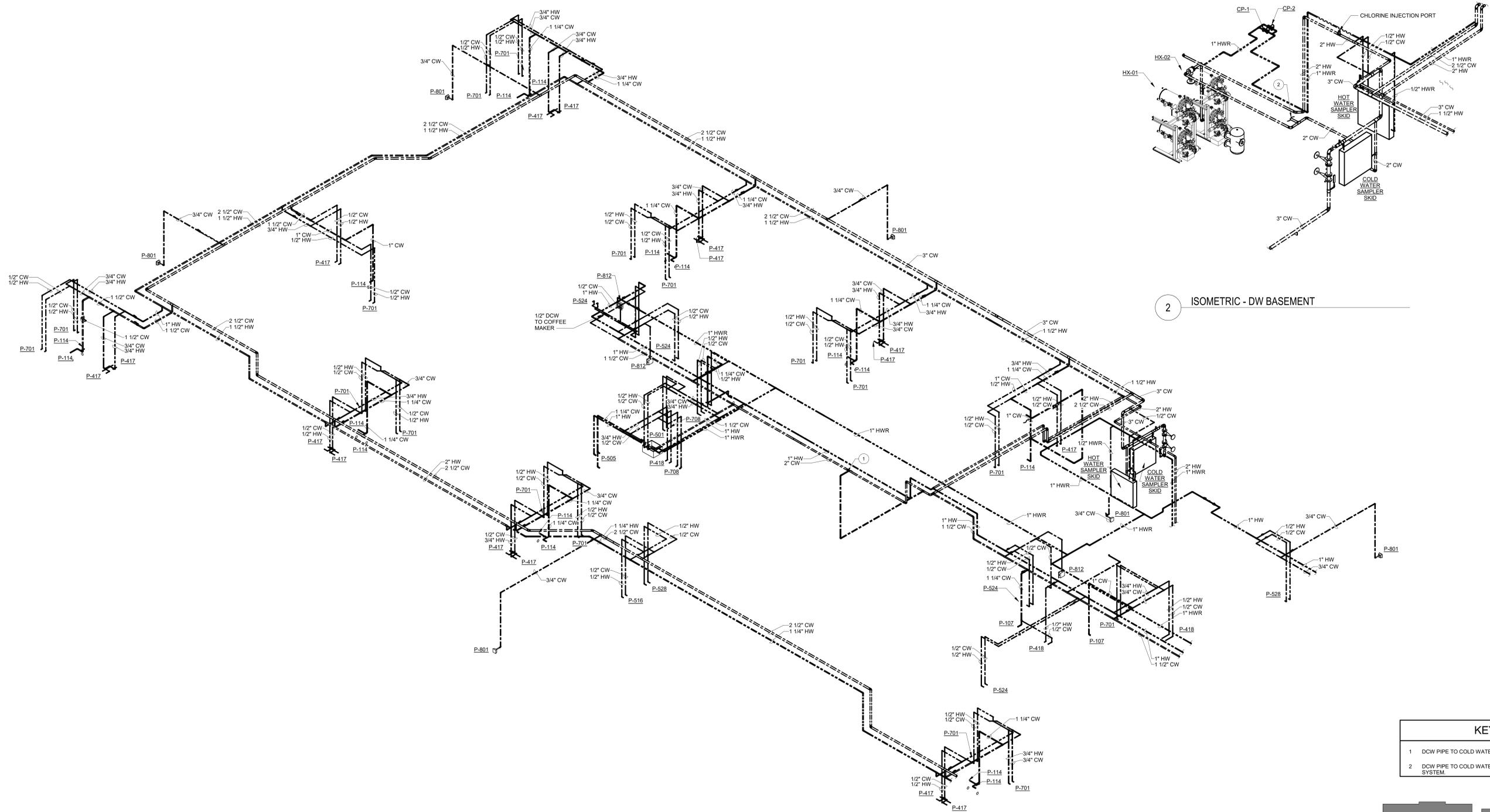
Project Title
 NEW COMMUNITY LIVING CENTER

Project Number
 620-334

Building Number
 CLC

Drawing Number
 P-601

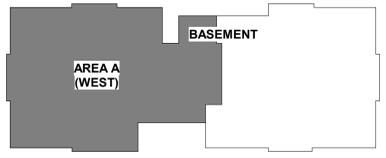
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2 ISOMETRIC - DW BASEMENT

1 ISOMETRIC - DW AREA A

KEYNOTES	
1	DCW PIPE TO COLD WATER FILL LINE FOR CHILLED WATER SYSTEM.
2	DCW PIPE TO COLD WATER FILL LINE FOR HEATING HOT WATER SYSTEM.



KEY PLAN

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DOMESTIC WATER ISOMETRICS - LEVEL 1 - AREA A

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Project Title
NEW COMMUNITY LIVING CENTER

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2094 Albany Post Road, Montrose, NY 10548

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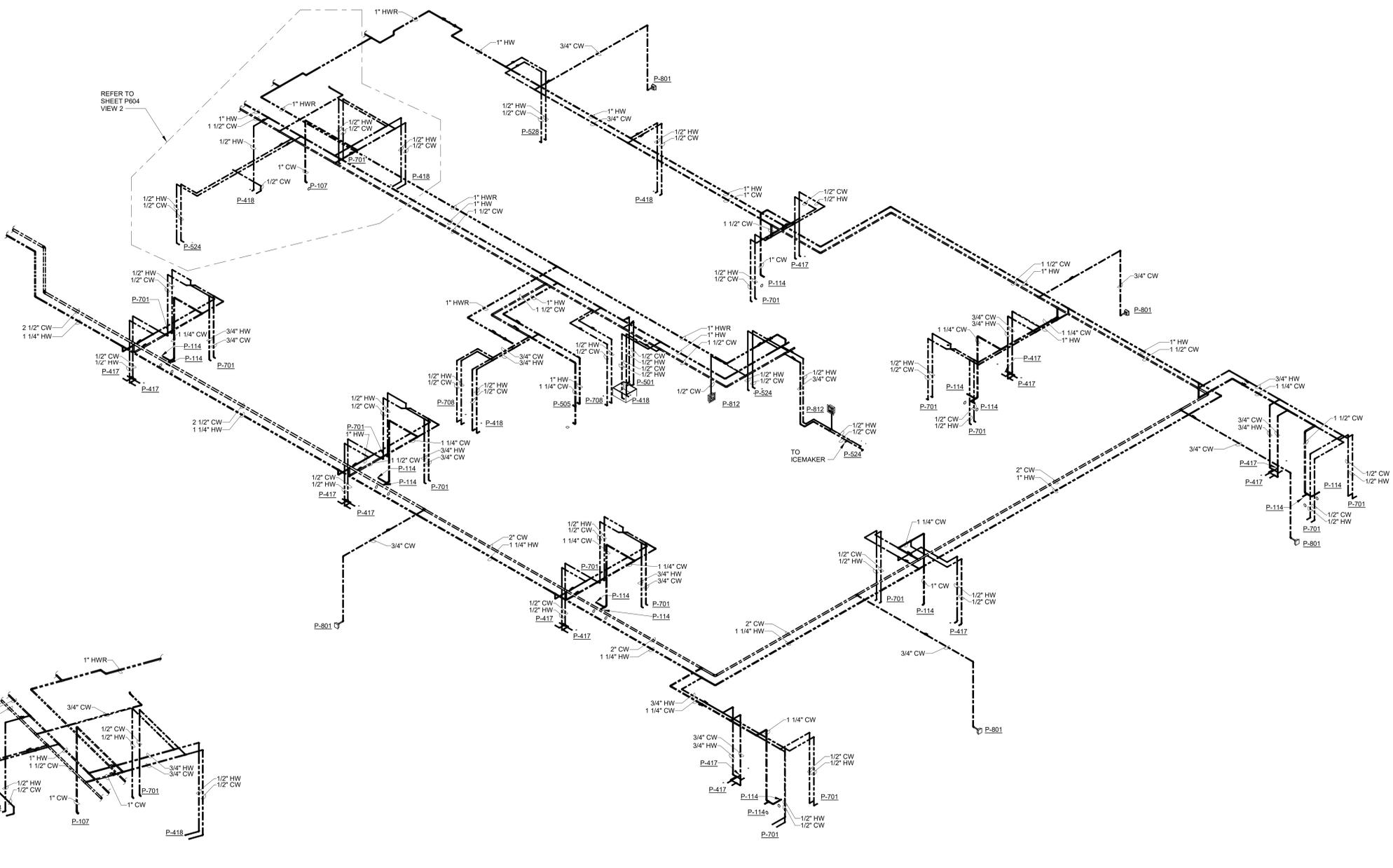
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Project Number
620-334

Building Number
CLC

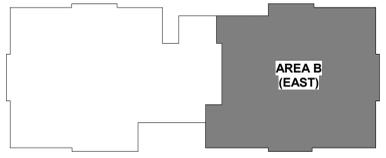
Drawing Number
P-603

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2 ISOMETRIC - DW ROOMS 144, 145, AND 185 ENLARGED

1 ISOMETRIC - DW AREA B



KEY PLAN

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Drawing Title
 DOMESTIC WATER ISOMETRICS - LEVEL 1 - AREA B

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Building Number
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Drawing Number
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