

A

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:							
1. 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 1/32" 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 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 #2 : ELIMINATE TUNNEL (EAST LEG).

DEDUCTIVE ALTERNATE #6 : REDUCE PLATFORM AT CHILLER.

PLUMBING LEGEND

①	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

FIXTURE MARK	FIXTURE COUNT	FIXTURE DESCRIPTION	ROUGH-IN PIPE SIZES		FIXTURE 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									
	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-114									
	29	LAVATORY - INTEGRAL TO COUNTERTOP, LAVATORY PROVIDED BY MILLWORK CONTRACTOR, FAUCET HOLES AS REQUIRED. REFER TO ARCHITECTURAL DETAIL 07 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, PERFORATED STRAINER, 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-417									
	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-418									
	2	SERVICE SINK - REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.	1/2"	1/2"	3"	3"	2.25	2.25	2
P-501									
	2	CLINICAL SINK - FLOOR MOUNTED, PROVIDE WITH SERVICE SINK FAUCET AND FLUSH VALVE, REFER TO P-505FV BELOW FOR ADDITIONAL INFORMATION REGARDING THE FLUSHVALVE. PROVIDE WITH ASSE 1070 THERMOSTATIC ANTI-SCALD VALVE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.	1/2"	1/2"	4"	4"	1	1	2
P-505									
	2	CLINICAL SINK FLUSH VALVE - REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.	1"	N/A	4"	4"	10	0	4
P-505FV									
	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-516									
	7	TWO COMPARTMENT SINK - 29X22" STAINLESS STEEL TWO COMPARTMENT SINK, SELF RIMMING, 7-3/4" DEEP, 3 FAUCET HOLES, BASKET STRAINER NO. LX35 GRID DRAIN, WRIST BLADE FAUCET - ELKAY MODEL LX810H40B74, 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	1.4
P-524									
	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-528									
	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-9130 OR EQUAL, CHROME PLATED BRASS, WITH 4 3/8" ROUND STRAINER, AND 2" OUTLET. PROVIDE STOPS, SUPPLIES, TRAP, ETC. FOR 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-701									
	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-708									
	10	WALL HYDRANT, NON-FREEZE - ZURN NO. Z-1330-C, ENCASED FLUSH WALL HYDRANT, NICKEL BRONZE BOX AND HINGE COVER WITH OPERATING CYLINDER LOCK AND "WATER" CAST ON COVER, 3/4" CW	3/4"	N/A	N/A	N/A	5	0	0
P-801									
	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-802									
	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
P-812									

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.
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 ROOFING CONTRACTOR'S 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 DRAWING 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 ERECTED, 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, CONDUTITS 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:
 - 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 CONDUTITS, 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 SUBMITTALS.
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 OTHER 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 NEW EQUIPMENT 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
AF	ABOVE FINISHED FLOOR
BFF	BELOW FINISHED FLOOR
CO	PIPE CLEAN OUT
CP	CIRCULATOR PUMP
CTE	CONNECT TO EXISTING
DCW	DOMESTIC COLD WATER
DEM	DEMOLISH OR DEMOLITION
DFU	DRAINAGE FIXTURE UNITS
ETR	EXISTING TO REMAIN
EW	ELECTRIC WATER COOLER
(E)	EXISTING
FO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FS	FLOOR SINK
GCO	GRADE CLEAN OUT
GP	GALLONS PER MINUTE
HD	HUB DRAIN
DHW	DOMESTIC HOT WATER
DHW/R	DOMESTIC HOT WATER RETURN
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
SINK	SINK
SAN	SANITARY
SH	SHOWER
SP	SUMP PUMP
TWH	TANKLESS WATER HEATER
UR	URNAL
TR	VENT THROUGH ROOF
W	WASTE
WC	WATER CLOSET
WCO	WALL CLEAN OUT
WH	WALL HYDRANT
WSPU	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-603	DOMESTIC WATER ISOMETRICS - LEVEL 1 - AREA A
P-604	DOMESTIC WATER ISOMETRICS - LEVEL 1 - AREA B

Project Title
NEW COMMUNITY LIVING CENTER

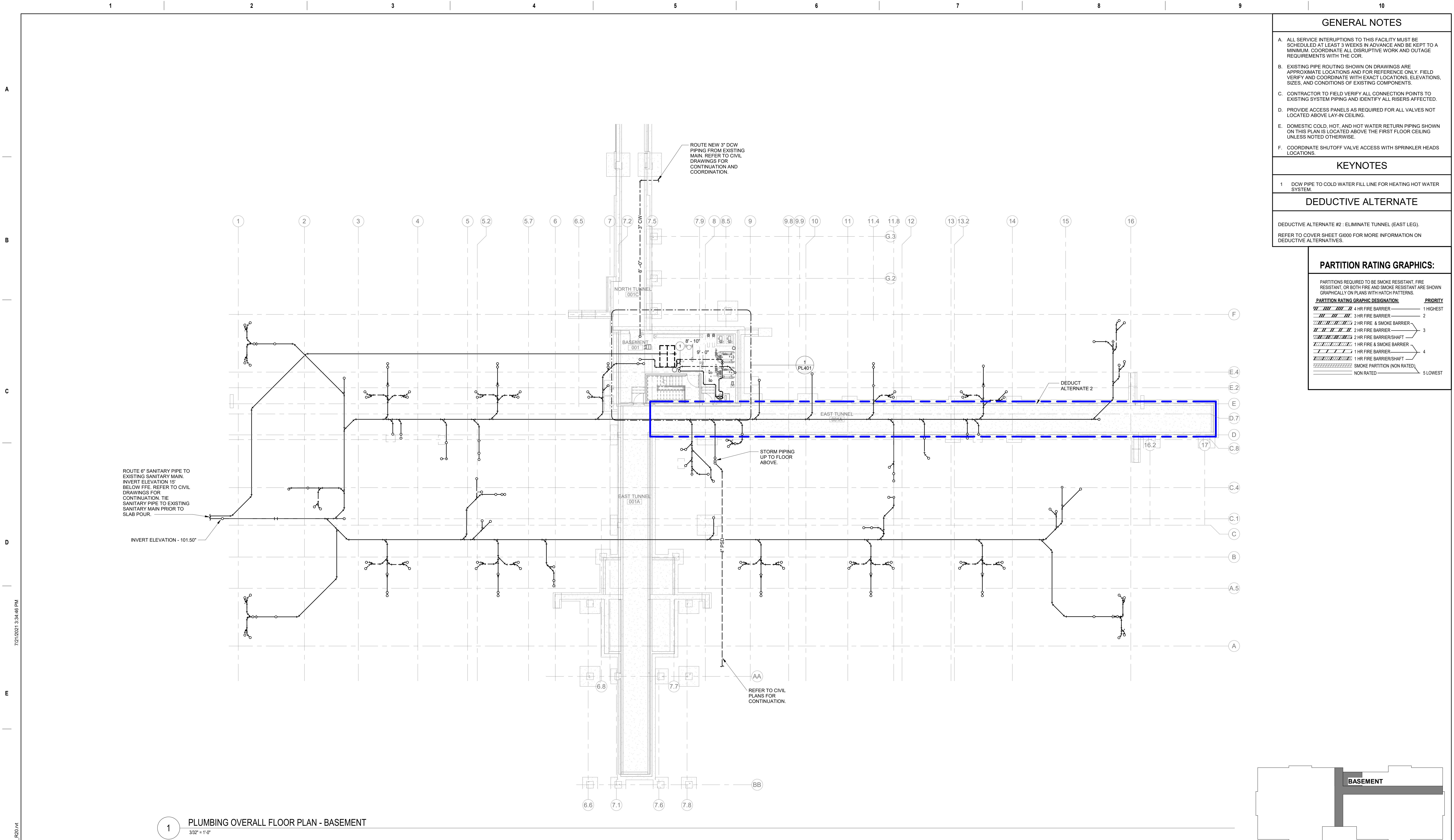
Location
2094 Albany Post Road, Montrose, NY 10548

Issue Date
05/09/2022

Checked
NPS

Drawn
AK

Drawing Number
P-001



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 G000 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 HR FIRE BARRIER

1 HIGHEST

2 HR FIRE & SMOKE BARRIER

2

2 HR FIRE BARRIER

3

2 HR FIRE BARRIER/SHAFT

4

1 HR FIRE & SMOKE BARRIER

4

1 HR FIRE BARRIER/SHAFT

4

1 HR FIRE BARRIER

4

SMOKE PARTITION (NON RATED)

5 LOWEST

NON RATED

5 LOWEST

Revisions:

Date:

CONSULTANT

NORRIS DESIGN

HINMAN

C.S. Davidson, Inc.

MES GROUP

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STAMP

STATE OF NEW YORK

NICHOLAS P. STEPHENSON

102795

REGISTERED PROFESSIONAL ENGINEER

6/09/2022

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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VA FORM 08 - 6231

Page 162 of 227

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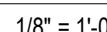
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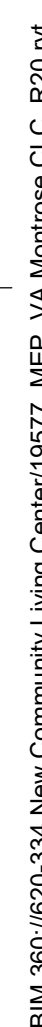


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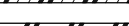





KEY PLAN



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.

<u>PARTITION RATING GRAPHIC DESIGNATION:</u>	<u>PRIORITY</u>
 4 HR FIRE BARRIER	1 HIGHEST
 3 HR FIRE BARRIER	2
 1 HR FIRE & SMOKE BARRIER	3
 2 HR FIRE BARRIER	3
 2 HR FIRE BARRIER/SHAG	3
 1 HR FIRE & SMOKE BARRIER	4
 1 HR FIRE BARRIER	4
 1 HR FIRE BARRIER/SHAG	4
 SMOKE PARTITION (NON RATED)	5 LOWEST
 NON RATED	5 LOWEST

**LEVEL 2
PENTHOUSE**

KEY PLAN

Project Title NEW COMMUNITY LIVING CENTER			Project Number 620-334
			Building Number CLC
Location 2094 Albany Post Road, Montrose, NY 10548			Drawing Number
Issue Date 01/09/2022	Checked NPS	Drawn AK	PL102

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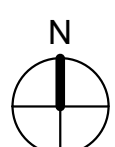
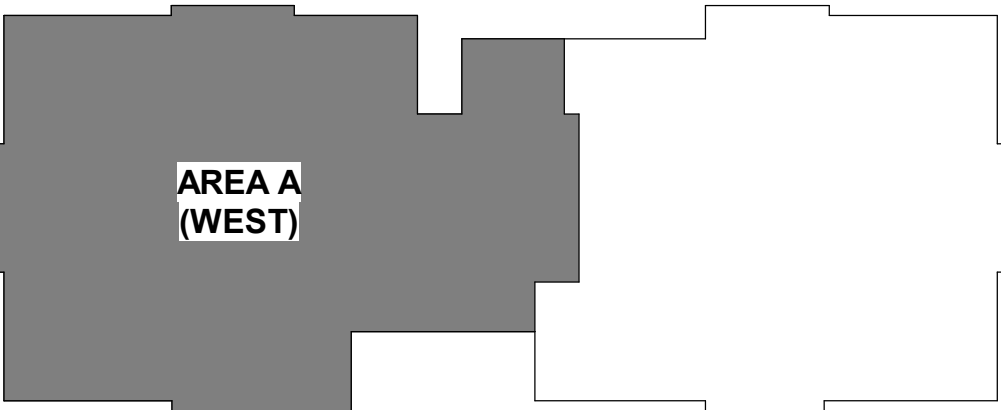
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PLUMBING LEGEND		
	#	DRAWING KEYNOTE
	P-XXX	EQUIPMENT MARK
		POINT OF NEW CONNECTION
		POINT OF CONNECTION TO CIVIL
	CW	COLD WATER PIPING
	HW	HOT WATER PIPING
	HWR	HOT WATER RETURN PIPING
	SAN	SANITARY PIPING
	V	SANITARY VENT PIPING
	VTR	VENT THRU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

KEYNOTES	
1	2" DCW, 2" DHW, 1" HWR DOWN TO HOT WATER HEAT EXCHANGERS IN MECHANICAL ROOM.
2	PROVIDE FLEXIBLE JOINT IN PIPING AT EXPANSION JOINT CROSSING.
3	3"DCW PIPING IN THE STEAM TUNNEL.
4	ROUTE NEW 3" DCW PIPING FROM EXISTING MAIN. REFER TO CIVIL DRAWINGS FOR CONTINUATION AND COORDINATION.
5	PROVIDE WITH ASSE 1070 THERMOSTATIC ANY-SCALD MIXING VALVE PER DETAIL 1 ON SHEET P-502.
6	PROVIDE WITH ASSE 1071 THERMOSTATIC ANY-SCALD MIXING VALVE PER DETAIL 1 ON SHEET P-502.
7	ROUTE 3/4" DCW PIPING TO WALL HYDRANT IN ATTIC SPACE.
8	ROUTE 3/4" DCW, DHW PIPING DOWN TO PLUMBING FIXTURES.
9	ROUTE PIPING TIGHT TO WALL, PAINT TO MATCH WALL.
10	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
	2 HR FIRE BARRIER
	2 HR FIRE & SMOKE BARRIER
	1 HR FIRE & SMOKE BARRIER
	1 HR FIRE BARRIER
	1 HR FIRE BARRIER-SHAFT
	SMOKE PARTITION (NON RATED)
	NON RATED
	1 HIGHEST
	2
	3
	4
	5 LOWEST

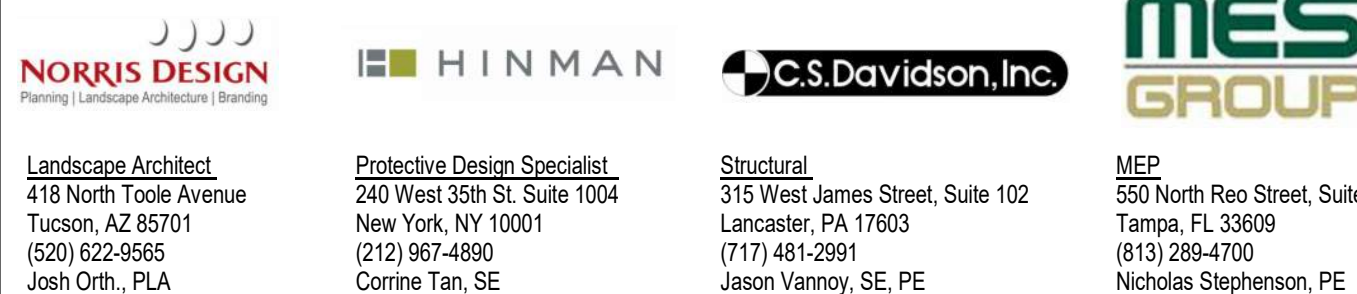


KEY PLAN

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

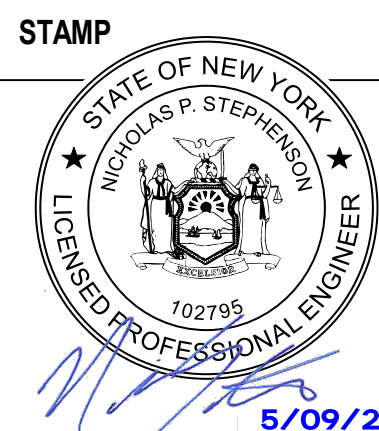
1 DOMESTIC WATER FLOOR PLAN - LEVEL 1 - AREA A
1/8" = 1'-0"

CONSULTANT



ARCHITECT/ENGINEER OF RECORD

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Mat Perkins



Office of
Construction
and Facilities
Management



Drawing Title
DOMESTIC WATER 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
CJF/NPS

Drawn
NS

Project Number
620-334
Building Number
CLC

Drawing Number
PL201A

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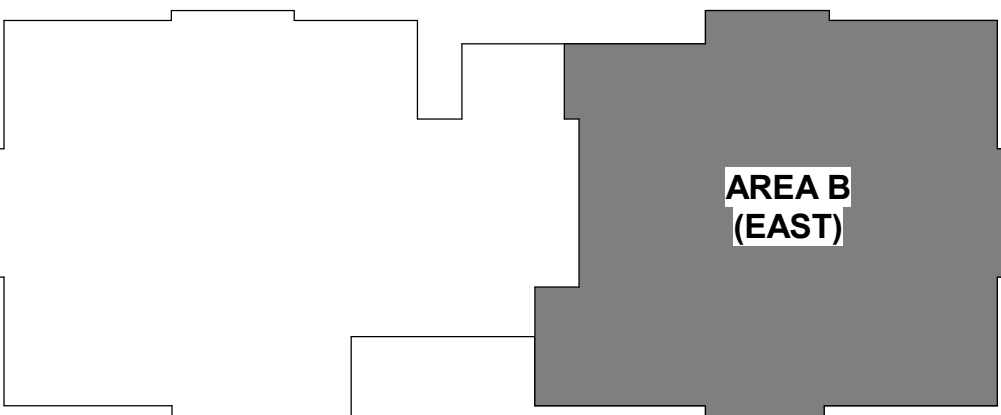
PLUMBING LEGEND	
#	DRAWING KEYNOTE
P-XXX	EQUIPMENT MARK
	POINT OF NEW CONNECTION
	POINT OF CONNECTION TO CIVIL
---	CW COLD WATER PIPING
----	HW HOT WATER PIPING
----	HWR HOT WATER RETURN PIPING
----	SAN SANITARY PIPING
----	V SANITARY VENT PIPING
	VTR VENT THRU ROOF
	GCO GRADE CLEAN OUT (1-WAY OR 2-WAY)
	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**
- 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 PROVIDE WITH ASSE 1070 THERMOSTATIC ANYI-SCALD MIXING VALVE PER DETAIL 1 ON SHEET P-502.
- 2 PROVIDE WITH ASSE 1071 THERMOSTATIC ANYI-SCALD MIXING VALVE PER DETAIL 1 ON SHEET P-502.
- 3 ROUTE 3/4" DCW PING TO WALL HYDRANT IN ATTIC SPACE.
- 4 1/2" DCW CONNECTION FOR COFFEE MAKER, COORDINATE EXACT LOCATION.
- 5 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 3
	1 HR FIRE & SMOKE BARRIER 4
	1 HR FIRE BARRIER 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

Revisions:	Date:

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STATE OF NEW YORK
NICHOLAS P. STEPHENSON
102795
LICENSED PROFESSIONAL ENGINEER
6/09/2022

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

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

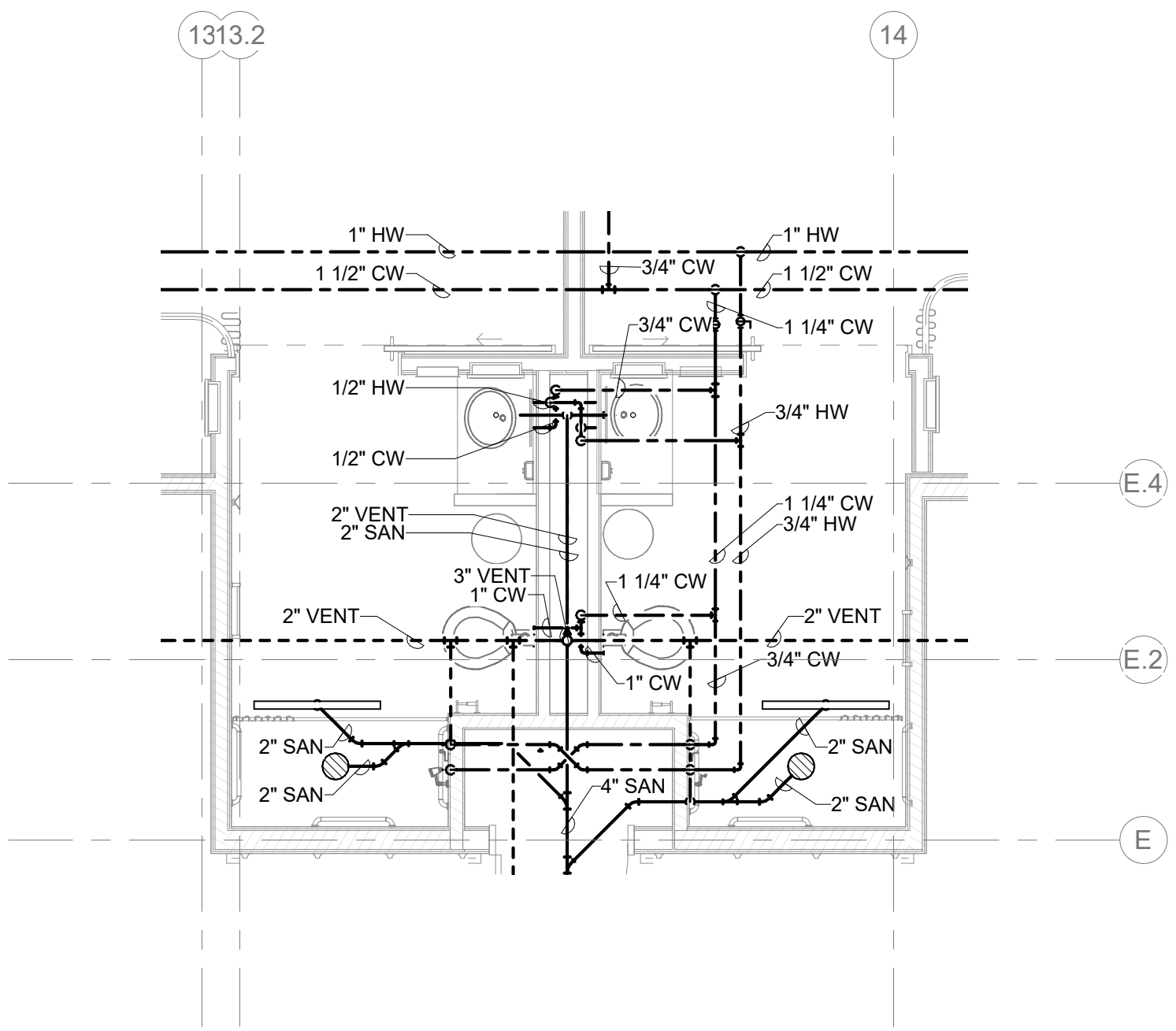
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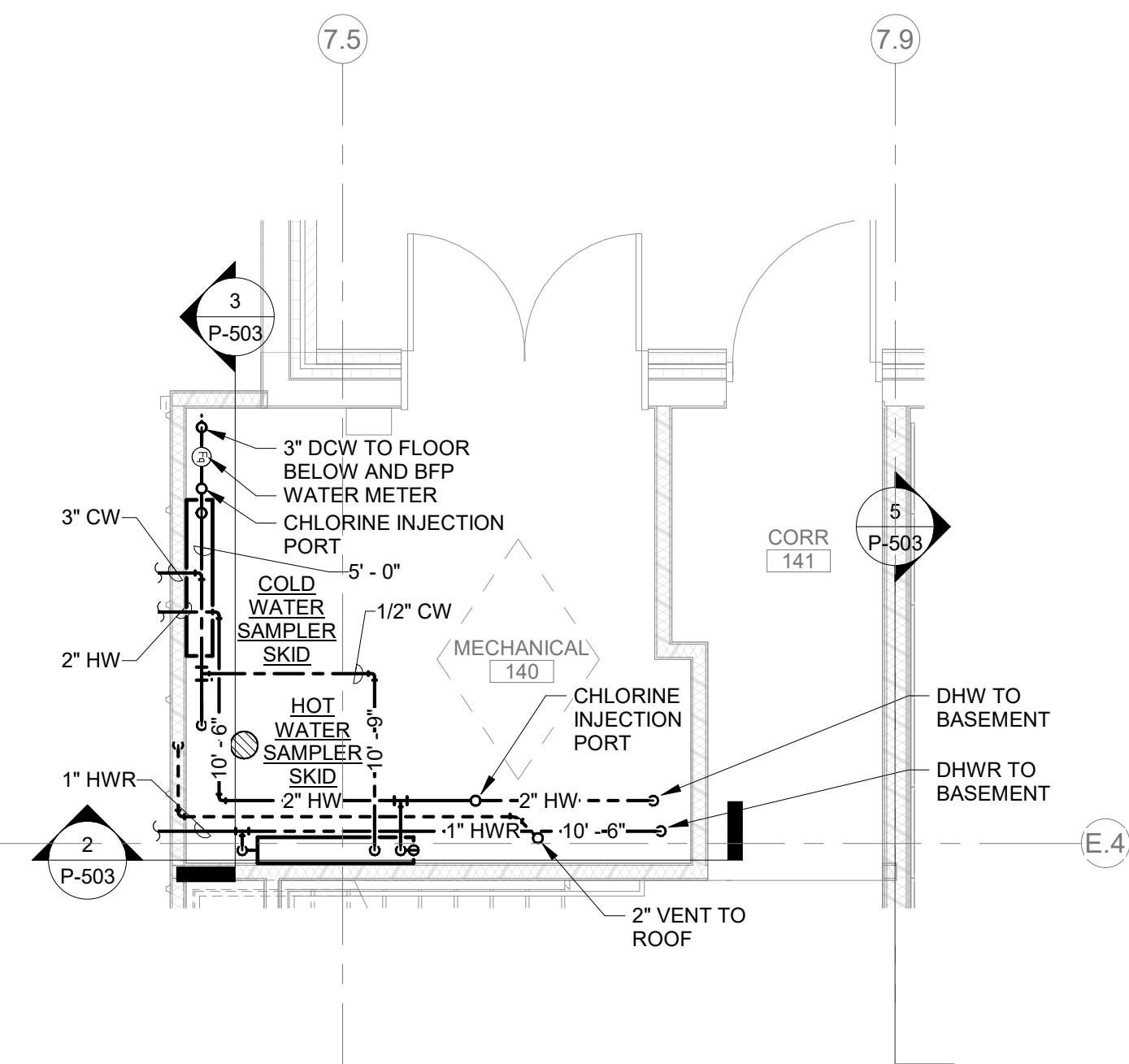
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620-334

Building Number
CLC

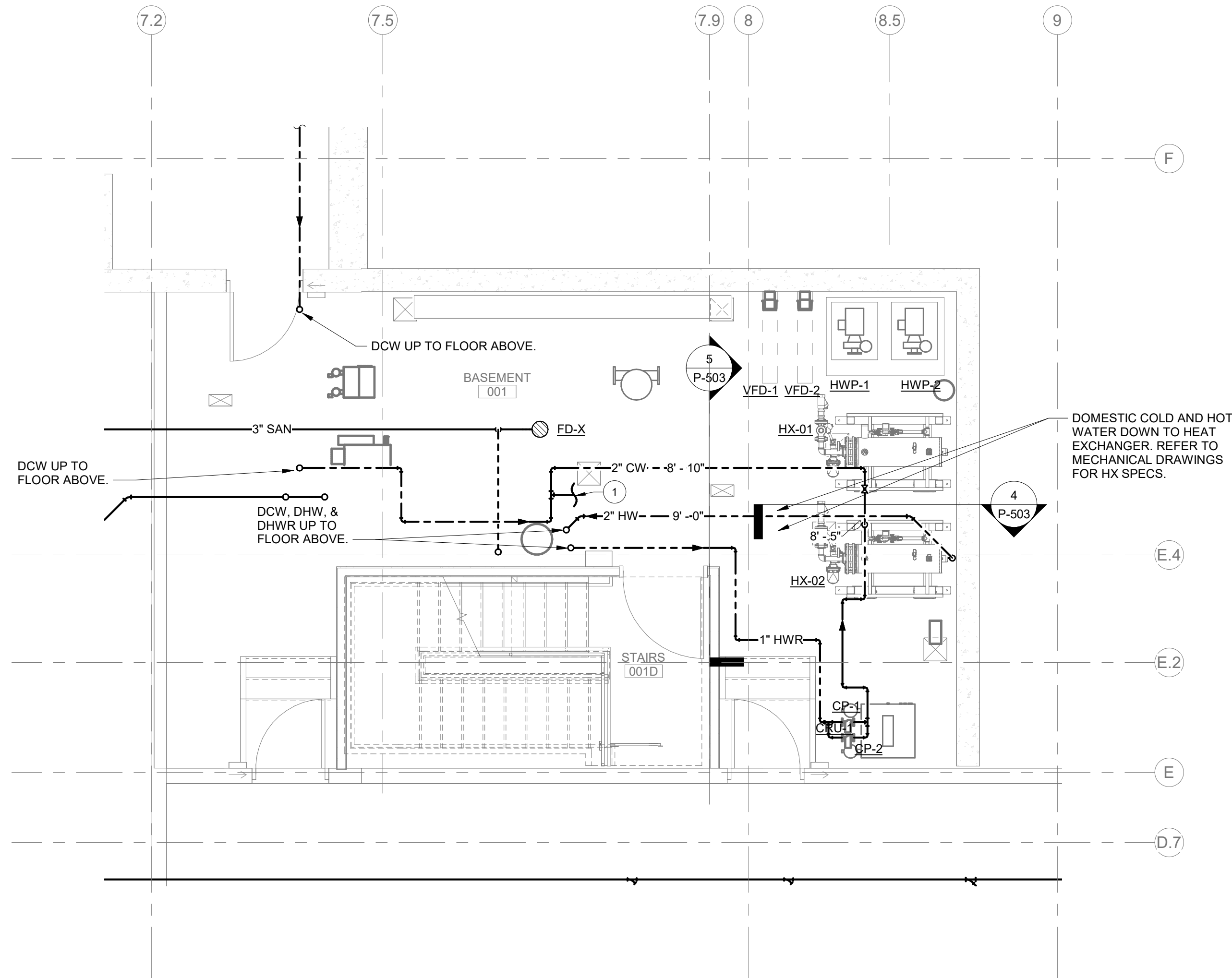
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PL201B



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"

GENERAL NOTES

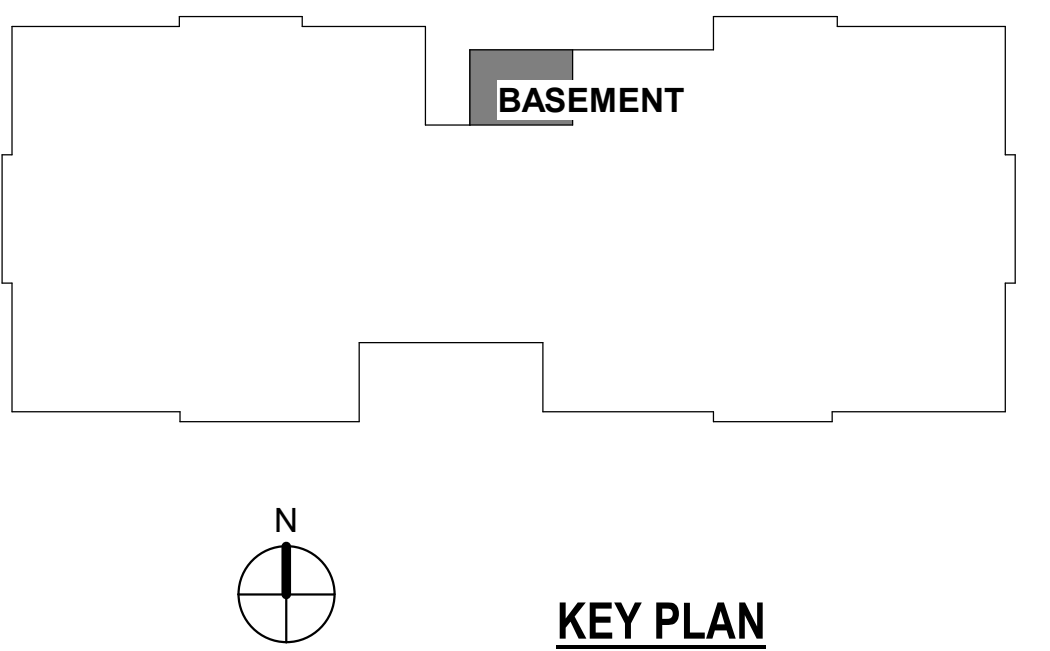
- A. ALL SERVICE INTERRUPTIONS TO THIS FACILITY MUST BE SCHEDULED AT LEAST 3 WEEKS IN ADVANCE AND BE KEPT TO A MINIMUM. COORDINATE ALL DISRUPTIVE WORK AND OUTAGE REQUIREMENTS WITH THE COR.
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KEYNOTES

- 1 DOW PIPE TO COLD WATER FILL LINE FOR HEATING HOT WATER SYSTEM.

PARTITION RATING GRAPHICS:

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		



Revisions:	Date:

CONSULTANT

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Office of
Construction
and Facilities
Management

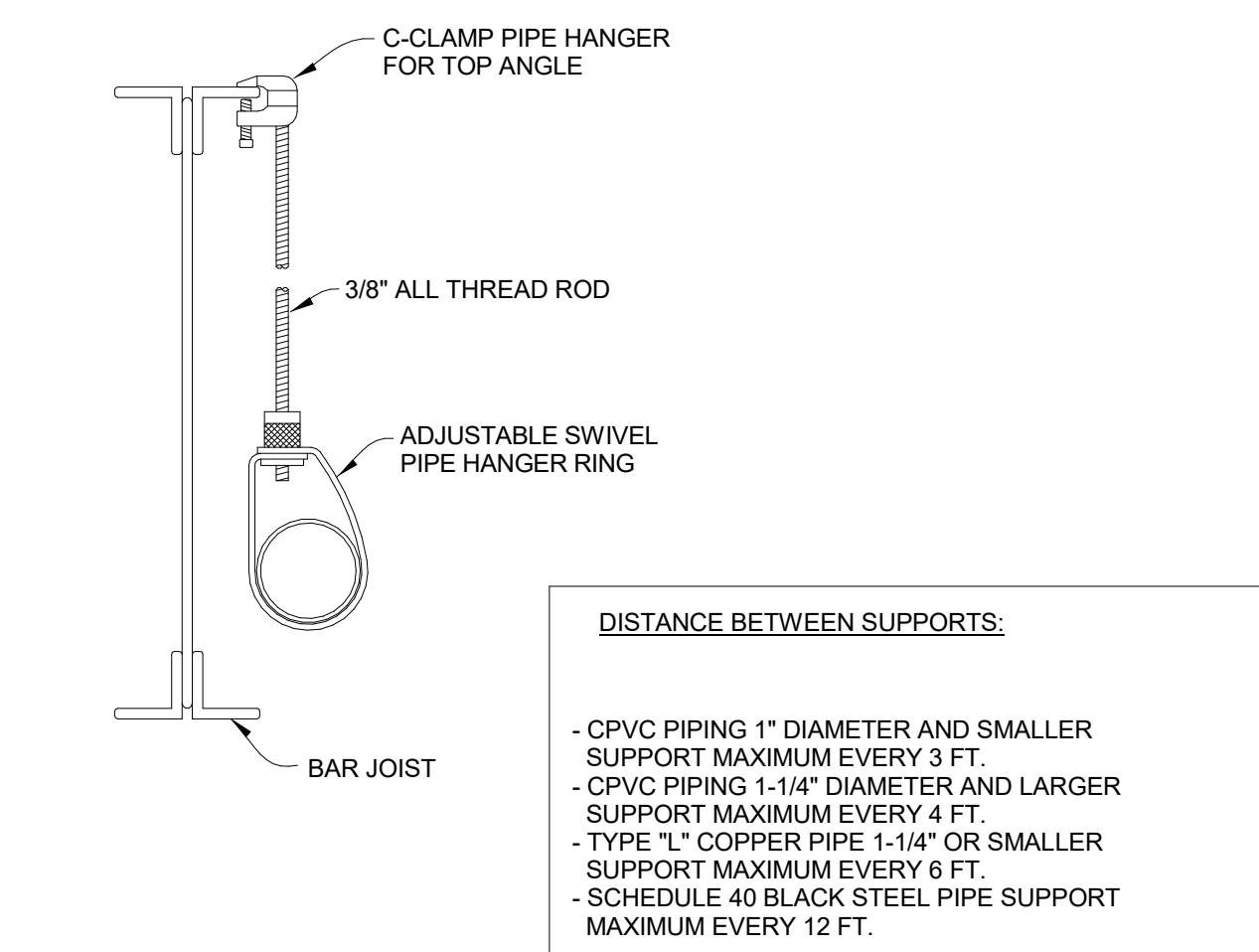
VA U.S. Department
of Veterans Affairs

Drawing Title PLUMBING ENLARGED FLOOR PLAN
Approved:

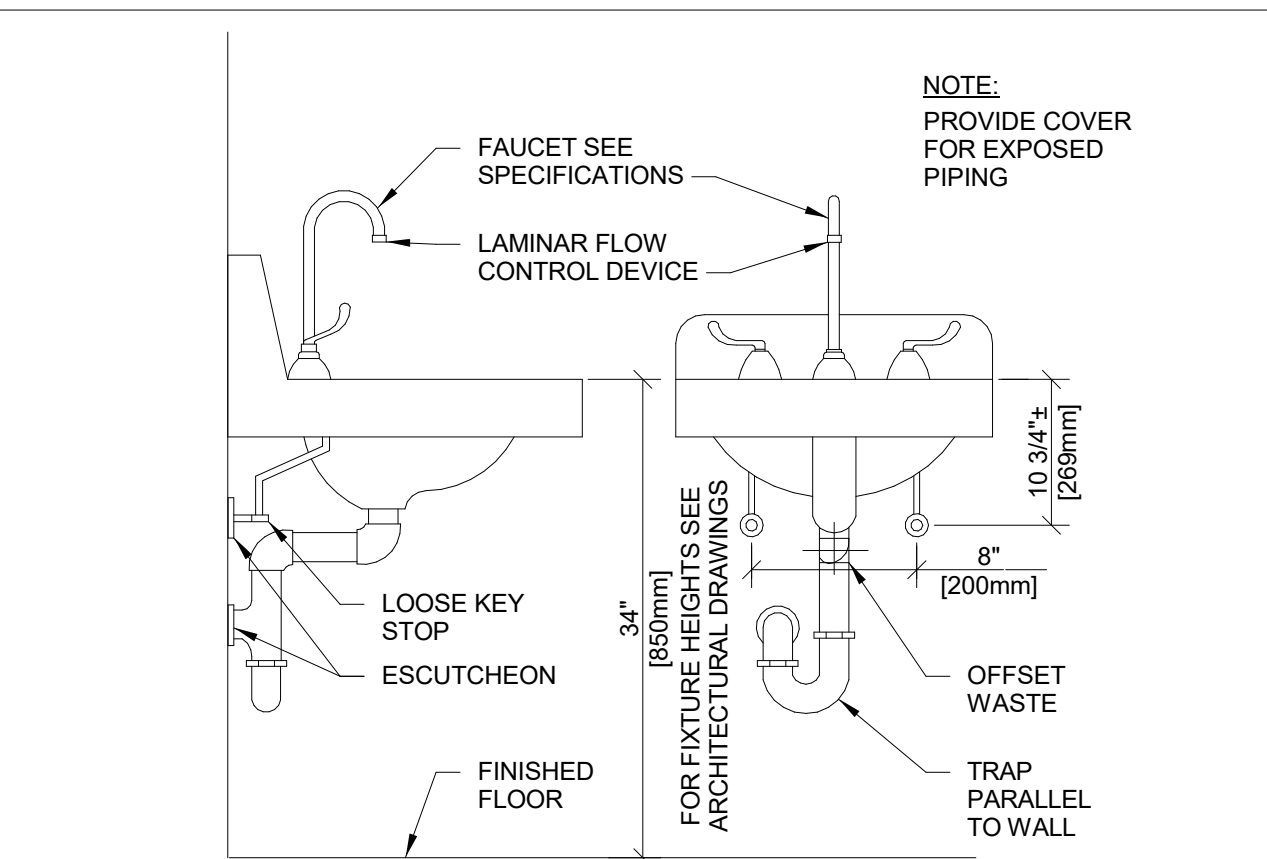
Phase ISSUED FOR CONSTRUCTION
FULLY SPRINKLERED

Project Title NEW COMMUNITY LIVING CENTER
Location 2094 Albany Post Road, Montrose, NY 10548
Issue Date 05/09/2022
Checked NPS
Drawn AK

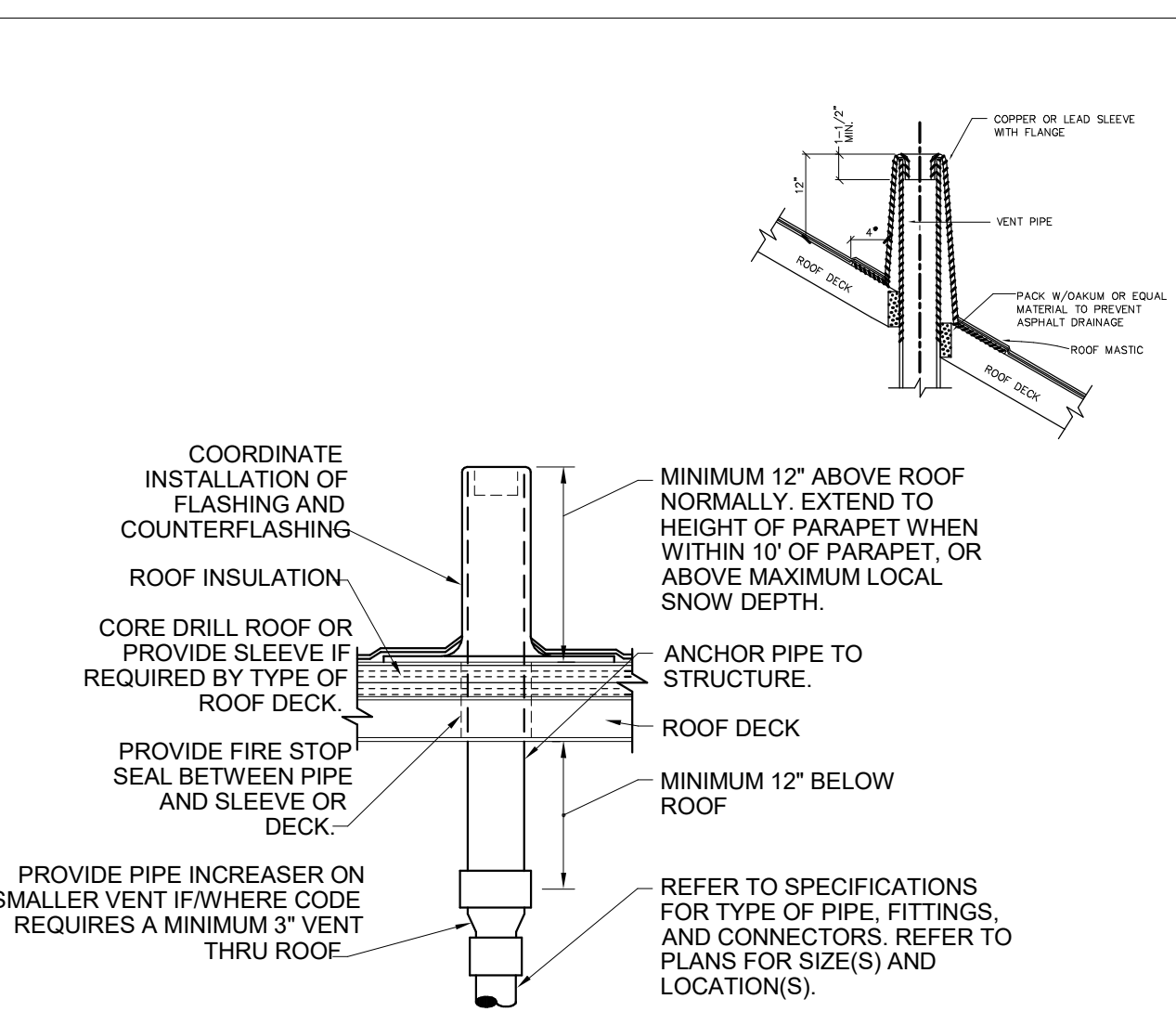
Project Number 620-334
Building Number CLC
Drawing Number PL401



1 PIPE HANGER DETAIL
NTS



2 TYPICAL WHEELCHAIR LAVATORY DETAIL
NTS



LOCATE VENT MINIMUM THREE FEET FROM PROPERTY LINE, TEN FEET HORIZONTAL OR THREE FEET VERTICAL FROM ANY BUILDING OPENING OR FRESH AIR INTAKE, TWENTY-FIVE FEET FROM ANY OPENING OR FRESH AIR INTAKE IN MEDICAL FACILITIES AND ONE FOOT FROM ANY VERTICAL SURFACE. REFER TO LOCAL CODES FOR OTHER VENT TERMINATION REQUIREMENTS. LOCATE VENT MINIMUM 18" FROM ADJACENT WALL, PARAPET, EXPANSION JOINT, ROOF DRAIN, EQUIPMENT CURB, OR OTHER ROOF FEATURE. OFFSET IN GIELING SPACE WHERE REQUIRED TO MEET THESE CONDITIONS. PROVIDE THE LAST SIX FEET OF VENT PIPE INSIDE BUILDING PER SPECIFICATIONS.

3 VENT THROUGH ROOF DETAIL

NTS

Project Number
620-334
Building Number
CLC
Drawing Number
P-501



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B

- B**

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- B**

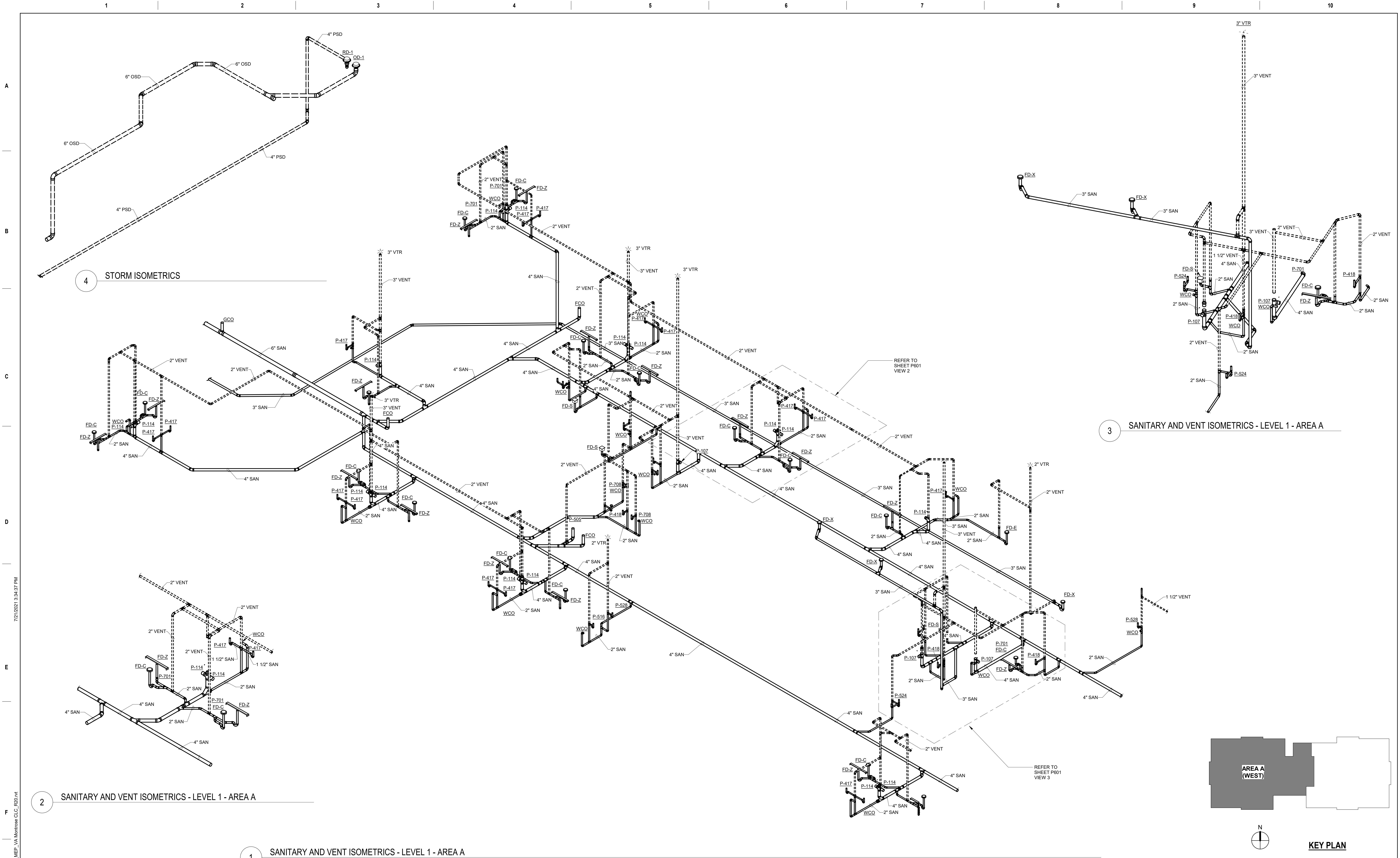


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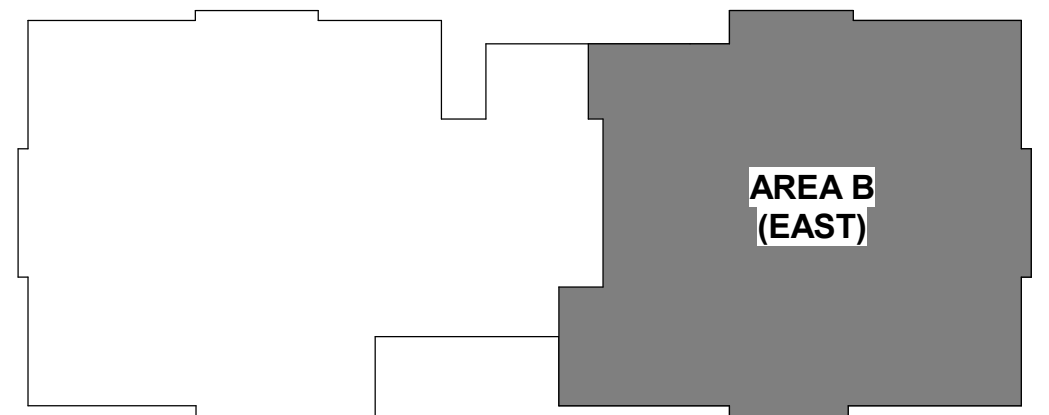


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<div>Revisions:</div> <div>Date:</div>		<div>CONSULTANT</div> <div><div><div><div><div></div><div>NORRIS DESIGN</div><div>Planning, Landscape, and Construction Consulting</div></div><div><div>Landscape Architect</div><div>416 North Toole Avenue</div><div>Tucson, AZ 85701</div><div>(520) 622-9565</div><div>Josh Orth, PLA</div></div></div><div><div><div><div></div><div>HINMAN</div><div>Protective Design Specialist</div></div><div><div>240 West 35th St. Suite 1004</div><div>New York, NY 10001</div><div>(212) 967-4890</div><div>Corrine Tan, SE</div></div></div><div><div><div><div></div><div>C.S. Davidson, Inc.</div><div>Structural</div></div><div><div>515 West James Street, Suite 102</div><div>Lancaster, PA 17603</div><div>(717) 481-2991</div><div>Jason Vannoy, SE, PE</div></div></div><div><div><div><div></div><div>MES GROUP</div><div>MEP</div></div><div><div>550 North Rex Street, Suite 203</div><div>Tampa, FL 33609</div><div>(813) 289-4700</div><div>Nicholas Stephenson, PE</div></div></div></div></div><div data-cs="2" data-kind="parent"><div>ARCHITECT/ENGINEER OF RECORD</div><div><div>A/E:</div><div>TRIPLE C - The A/E Group</div><div>201 E. Jefferson Street, Suite 200</div><div>Syracuse, NY 13202</div><div>(315) 484-5958</div><div>Mat Perkins</div></div><div><div>TRIPLE C - THE A&E GROUP</div><div><div><div></div><div>A MULTI-DISCIPLINE COMPANY</div></div></div></div></div><div><div>STAMP</div><div><div>STATE OF NEW YORK</div><div>NOTARIAL PUBLIC</div><div>102795</div><div>6/09/2022</div></div></div><div><div>Office of Construction and Facilities Management</div><div>VA U.S. Department of Veterans Affairs</div></div><div><div>Drawing Title</div><div>SANITARY & VENT ISOMETRICS - LEVEL 1 - AREA A</div><div>Approved:</div></div><div><div>Phase</div><div>ISSUED FOR CONSTRUCTION</div><div>FULLY SPRINKLERED</div></div><div><div>Project Title</div><div>NEW COMMUNITY LIVING CENTER</div><div>Location</div><div>2094 Albany Post Road, Montrose, NY 10548</div><div>Issue Date</div><div>05/09/2022</div><div>Checked</div><div>NPS</div><div>Drawn</div><div>TMR</div></div><div><div>Project Number</div><div>620-334</div><div>Building Number</div><div>CLC</div><div>Drawing Number</div><div>P-601</div></div></div></div></div>
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Project Number	620-334
Building Number	CLC
Drawing Number	P-602

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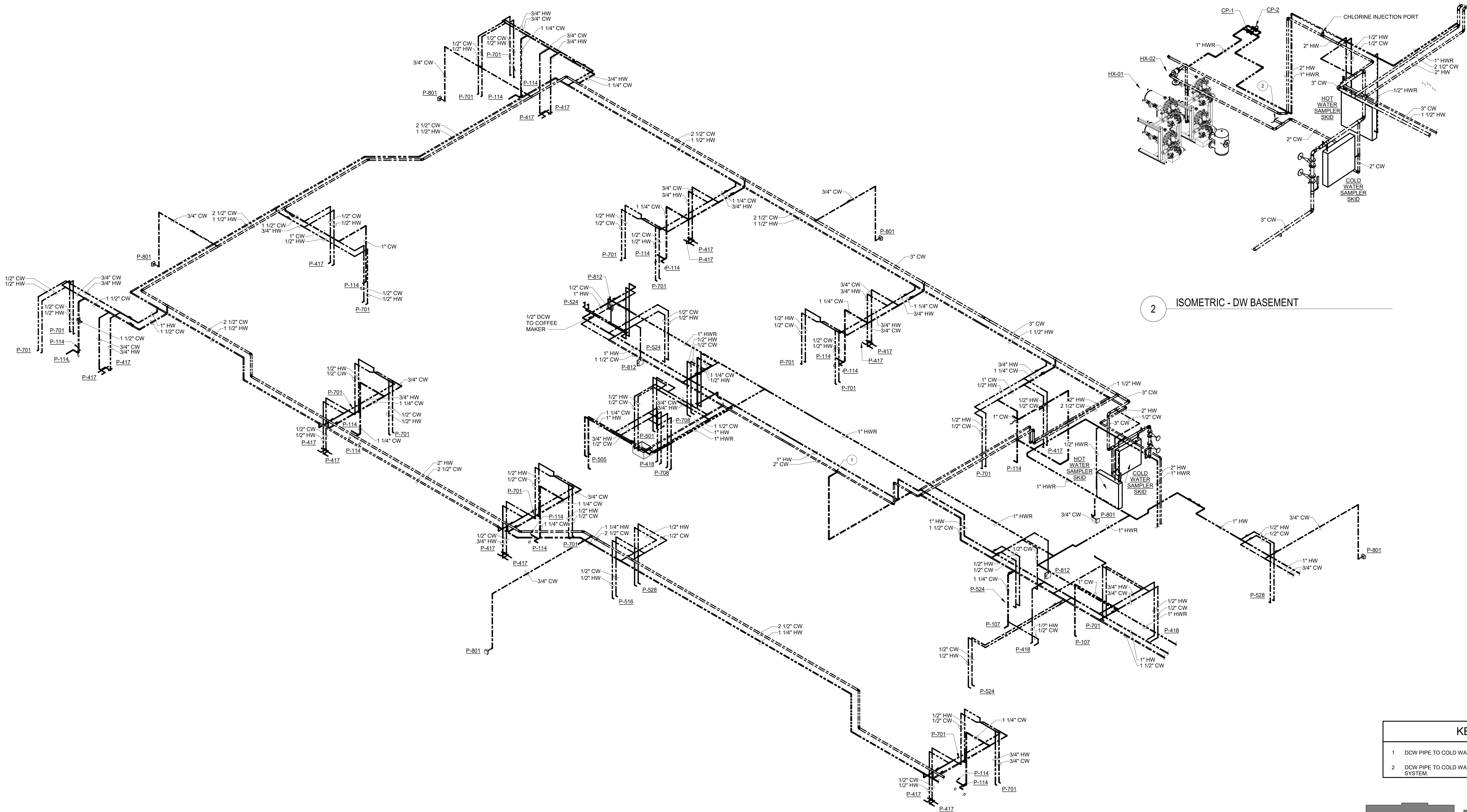
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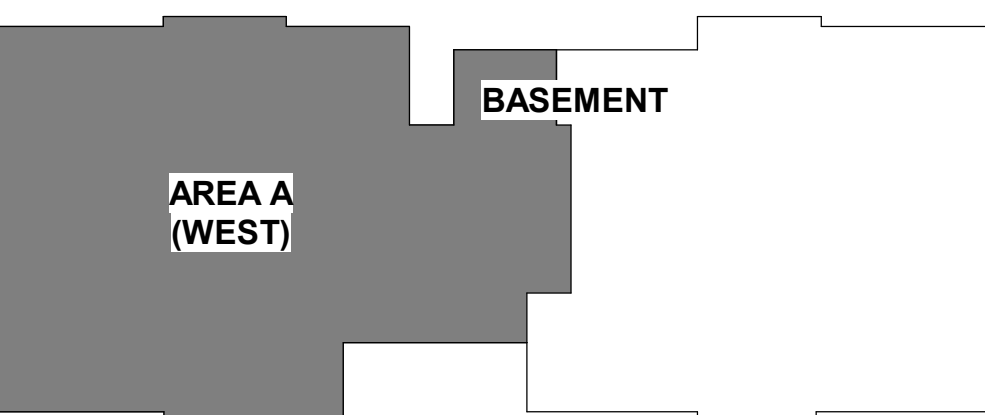
BM 360-620-334 New Community Living Center(1587)_MEP-VA Montrose CLC_P01.rvt



1 ISOMETRIC - DW AREA A

2 ISOMETRIC - DW BASEMENT

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

Revisions:		Date:

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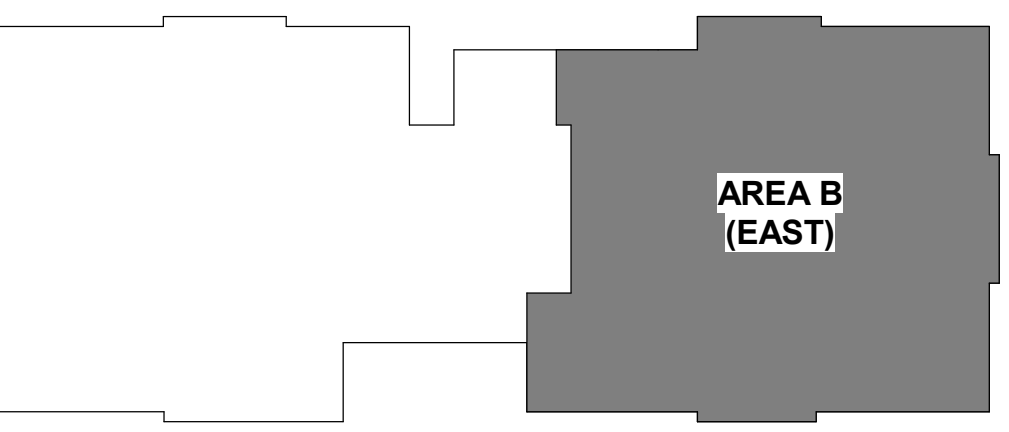
Office of
Construction
and Facilities
Management

Drawing Title DOMESTIC WATER ISOMETRICS - LEVEL 1 - AREA A	Approved:
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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 TMR

Project Number 620-334
Building Number CLC
Drawing Number P-603



1 ISOMETRIC - DW AREA B

KEY PLAN