

LEGEND AND ABBREVIATIONS

---- SANITARY VENT PIPING (SV)

— – — COLD WATER PIPING (CW)

PIPE TURNING UP

PIPE GUIDE

CONT DFU DWG EQUIP FCO

GCO

SANITARY PIPING (SAN)

→ PIPE TURNING DOWN

PIPE ANCHOR

BALL VALVE

WALL HYDRANT

CONTINUATION

DRAWING

TYPICAL

WATER

NUMBER

EQUIPMENT FLOOR CLEANOUT FLOOR DRAIN

GRADE CLEANOUT

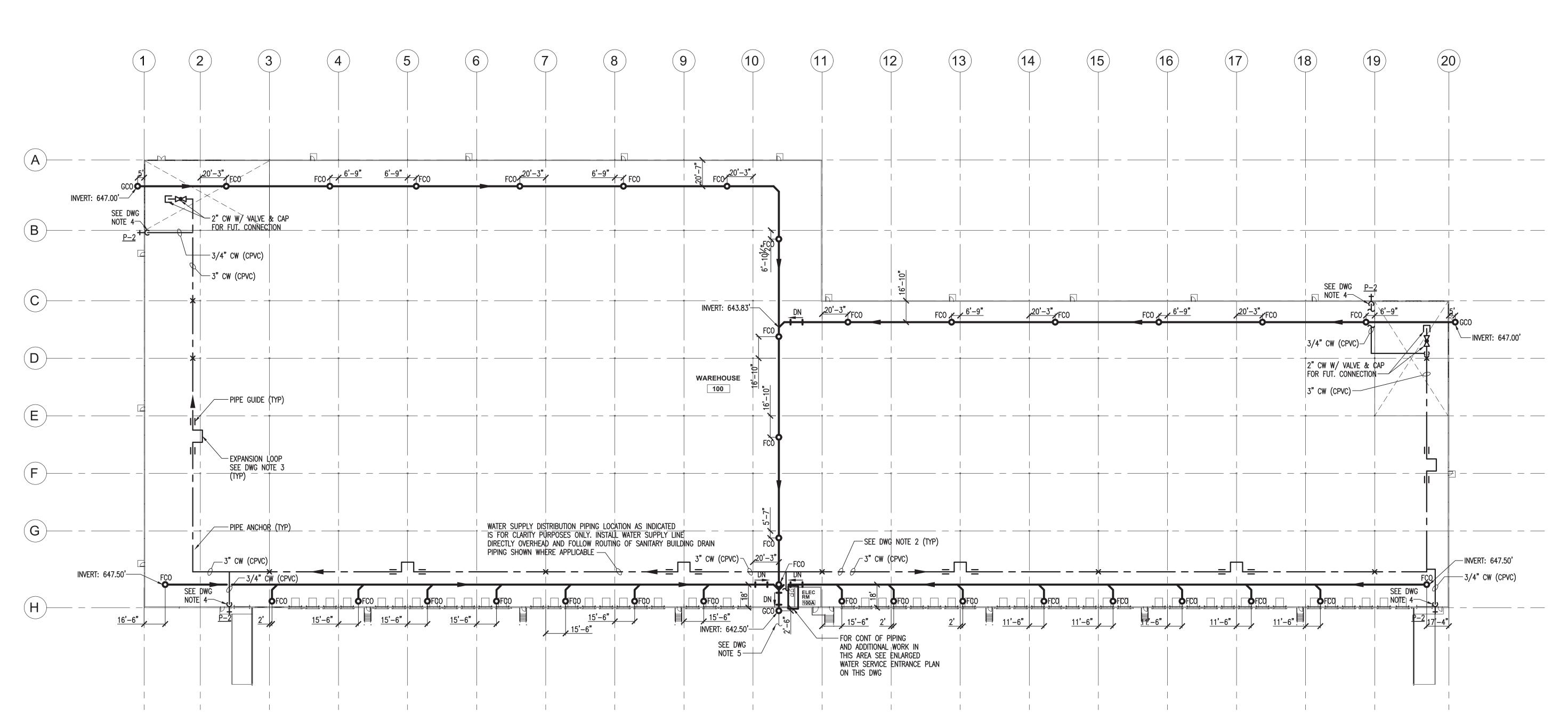
INVERT ELEVATION

VENT THRU ROOF

DRAINAGE FIXTURE UNIT

FINISHED FLOOR ELEVATION

FIXTURE REFERENCE NUMBER



- 1. ALL PLUMBING WORK SHALL CONFORM TO THE NEW YORK UNIFORM CONSTRUCTION CODES, 2020 NEW YORK PLUMBING CODE (2018 INTERNATIONAL PLUMBING CODE) AND SUBSEQUENT AMENDMENTS THERETO AS ADOPTED BY THE TOWN OF SOUTHEAST, NEW YORK AND
- 2. DRAWINGS ARE DIAGRAMMATIC. COORDINATE ALL EQUIPMENT LOCATIONS AND PIPE ROUTING WITH OTHER TRADES AND ARCHITECTURAL DETAILS PRIOR TO INSTALLATION.
- CEILINGS UNLESS OTHERWISE NOTED. INSTALL ALL WATER SUPPLY PIPING AT EXTERIOR WALLS ON THE INSIDE (WARM SIDE) OF THE BUILDING INSULATION. SEAL ALL PIPING PENETRATIONS THROUGH RATED ASSEMBLIES ACCORDINGLY. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE AND SOUND RATED PARTITIONS, CEILINGS, AND FLOORS.
- 5. THE PLUMBING CONTRACTORS UTILITY WORK SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING: DOMESTIC WATER SYSTEM - NEW DOMESTIC WATER SYSTEM. CONNECT NEW WATER PIPING AS SHOW TO THE NEW WATER SERVICE. SANITARY DRAINAGE SYSTEM - CONNECT NEW SANITARY BUILDING DRAIN PIPING AS SHOWN TO THE SANITARY BUILDING SEWER. STORM WATER DRAINAGE SYSTEM - CONNECT NEW ROOF DRAINAGE DOWNSPOUTS AND ROOF

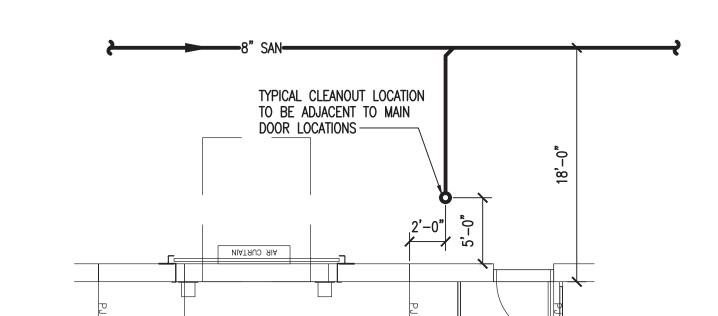
DRAWING NOTES:

- PROVIDE BUILDING DOMESTIC WATER SUPPLY DISTRIBUTION PIPING AND SERVICE ENTRANCE EQUIPMENT AND CONNECTION TO BUILDING WATER SUPPLY AS SHOWN. SEE "DOMESTIC WATER SERVICE ENTRANCE PIPING DIAGRAM" ON DRAWING P-3.10. PRIOR TO THE START OF ANY NEW WATER SUPPLY SYSTEM WORK THIS CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF
- 2. THE INSTALLATION OF ALL BUILDING WATER SUPPLY DISTRIBUTION PIPING SHALL BE ABOVE BOTTOM CHORD OF ROOF JOISTS.
- 3. PROVIDE FIELD FABRICATED EXPANSION LOOP. INSTALL AND ANCHOR IN ACCORDANCE WITH THE PIPING MANUFACTURERS WRITTEN INSTALLATION INSTRUCTIONS, SEE "EXPANSION LOOP DIAGRAM" ON THIS DRAWING.
- 4. COORDINATE FINAL LOCATION OF WALL HYDRANT DROPS IN THE FIELD. INSTALL HYDRANT AT 18 INCHES ABOVE FINISH FLOOR AND PROVIDE BALL VALVE IN DROP TO WALL HYDRANT AT 5'-0" A.F.F. ALL PIPING DROPS TO HYDRANTS TO BE TYPE 'L' COPPER.
- 5. CONNECT SANITARY BUILDING DRAINAGE PIPING AS SHOWN TO SANITARY BUILDING SEWER. REFER TO SITE UTILITY PLANS FOR LOCATION. PRIOR TO THE START OF ANY NEW SANITARY DRAINAGE SYSTEM WORK THIS CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF INVERT ELEVATION AT TIE-IN POINT AND ROUTING WITH BUILDING FOOTINGS.
- 6. ROUTE VENT PIPING EXPOSED ON WALL AND CONNECT TO VENT THROUGH ROOF AS SHOWN ON SANITARY RISER DIAGRAM.

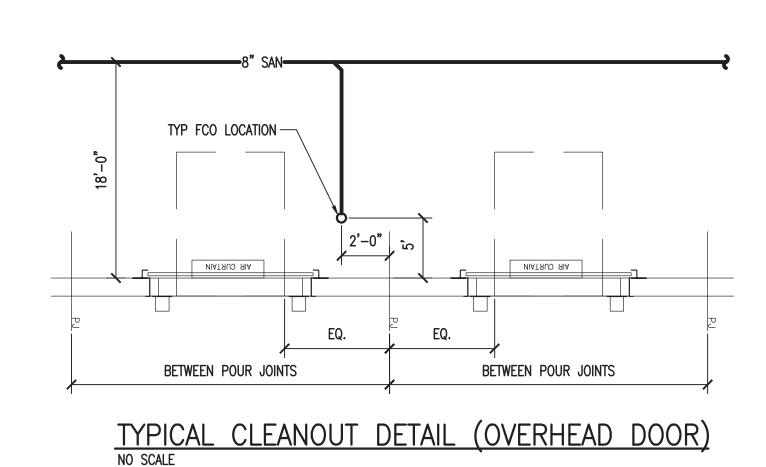
GENERAL NOTES:

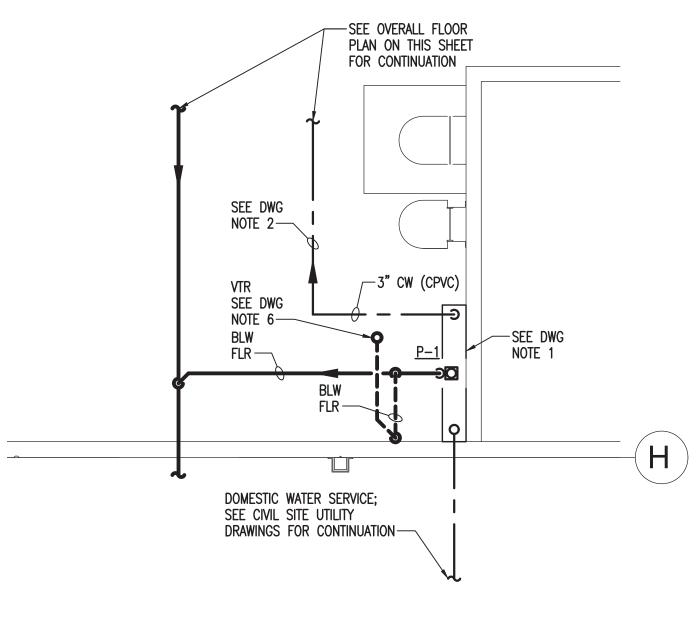
- SUBSEQUENT AMENDMENTS THERETO.
- 3. VERIFY LOCATIONS, MOUNTING HEIGHTS, TRIM LOCATIONS, ETC. FOR ALL PLUMBING FIXTURES WITH THE ARCHITECT PRIOR TO INSTALLATION. $P-_$ DESIGNATES FIXTURE AND FIXTURE TRIM. MOUNTING OF ALL ADA FIXTURES AND RELATED TRIM TO MEET THE AMERICAN DISABILITIES ACT GUIDELINES AND ANSI REQUIREMENTS FOR PEOPLE WITH DISABILITIES.
- 4. INTENT IS TO CONCEAL ALL PIPING IN WALLS/CHASE SPACE, BELOW FLOORS, AND ABOVE

DRAIN CONDUCTORS TO THE STORM WATER BUILDING SEWER.



TYPICAL CLEANOUT DETAIL (MANDOOR)

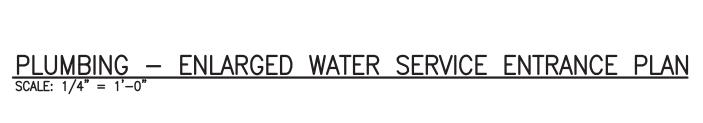


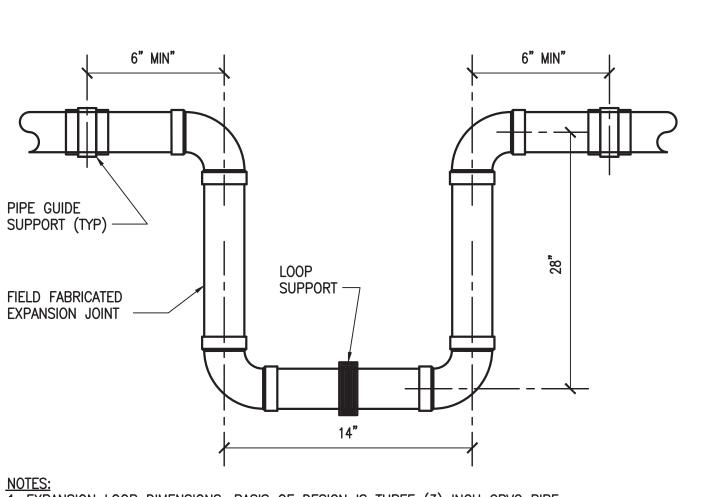


<u>PLUMBING — BUILDING OVERALL FLOOR PLAN — DRAINAGE & WATER PIPING</u>

SCAI F: 1" = 40'-0"

FIN FLR 649.00'





1. EXPANSION LOOP DIMENSIONS, BASIS OF DESIGN IS THREE (3) INCH CPVC PIPE, 50 DEGREE FAHRENHEIT TEMPERATURE CHANGE FOR A LENGTH OF PIPE BETWEEN ANCHORS 220 +/- FEET. 2. INSTALL EXPANSION LOOP AS CLOSELY AS POSSIBLE TO MID-POINT BETWEEN ANCHORS. 3. DO NOT INSTALL RIGID OR RESTRAINING SUPPORTS WITHIN LEG LENGTH OF LOOPS. 4. ALL PIPE AND FITTING CONNECTIONS SHALL BE SOLVENT CEMENT, DO NOT USE THREAD CONNECTIONS. 5. PIPE GUIDE SUPPORTS SHOULD RESTRICT LATERAL MOVEMENT AND DIRECT AXIAL MOVEMENT INTO THE LOOP.

EXPANSION LOOP DIAGRAM
NO SCALE

FINAL REVIEW <u>03/11/2022</u> NOT FOR CONSTRUCTION

DESIGNER / BUILDER **DESIGN/BUILD INDUSTRIAL**

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ADBI | DESIGN SERVICES

PROJECT TITLE

LINCOLN **EQUITIES -NY-131- BLDG A**

NY-312 & PUGSLEY RD, **SOUTHEAST, NY 10509**

ARCHITECT ADBI / DESIGN SERVICES LLC 44 SOUTH BROADWAY, SUITE 1003 WHITE PLAINS, NY 10601

CIVIL ENGINEER LANGAN ENGINEERING 300 KIMBALL DRIVE PARSIPPANY, NJ 07054

STRUCTURAL ENGINEER SMITH/ ROBERTS AND ASSOCIATES, INC. 6501 BLUFF RD.

INDIANAPOLIS, INDIANA 46217

MECHANICAL ENGINEER NATIONAL DESIGN/ BUILD SERVICES 11840 BORMAN DRIVE ST. LOUIS, MO 63146

ELECTRICAL ENGINEER FXB ENGINEERING 5 CHRISTY DRIVE, SUITE 307 — CHADDS FORD, PA 19317

PLUMBING ENGINEER JAMES C. MCCARTHY, P.E. 315 EAST SECOND STREET BOYERTOWN, PA 19512

FIRE PROTECTION ENGINEER S A COMUNALE CO. INC. 2900 NEWPARK DRIVE BARBERTON, OH 44203

SEAL

JOSEPH V. DIGIORGIO | NY: 042948 **KEY PLAN**

TRUE PROJECT NORTH NORTH

SUBMITTALS NO. DATE DESCRIPTION

PROJECT NO. **DRAWN BY** AS286-21 I NY131 ZPC

SHEET TITLE **PLUMBING OVERALL FLOOR PLAN**

SHEET NO.

P-1.10