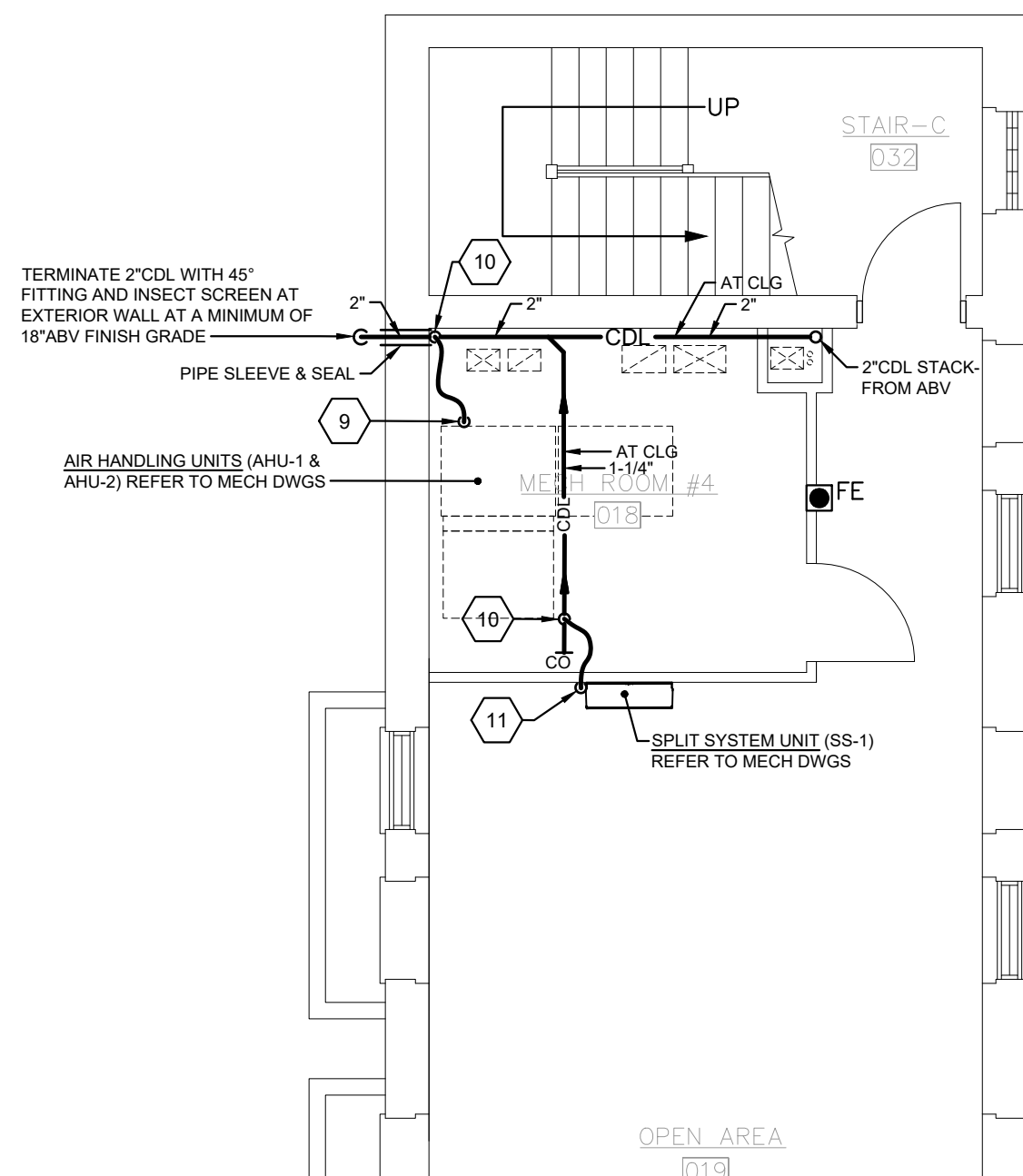


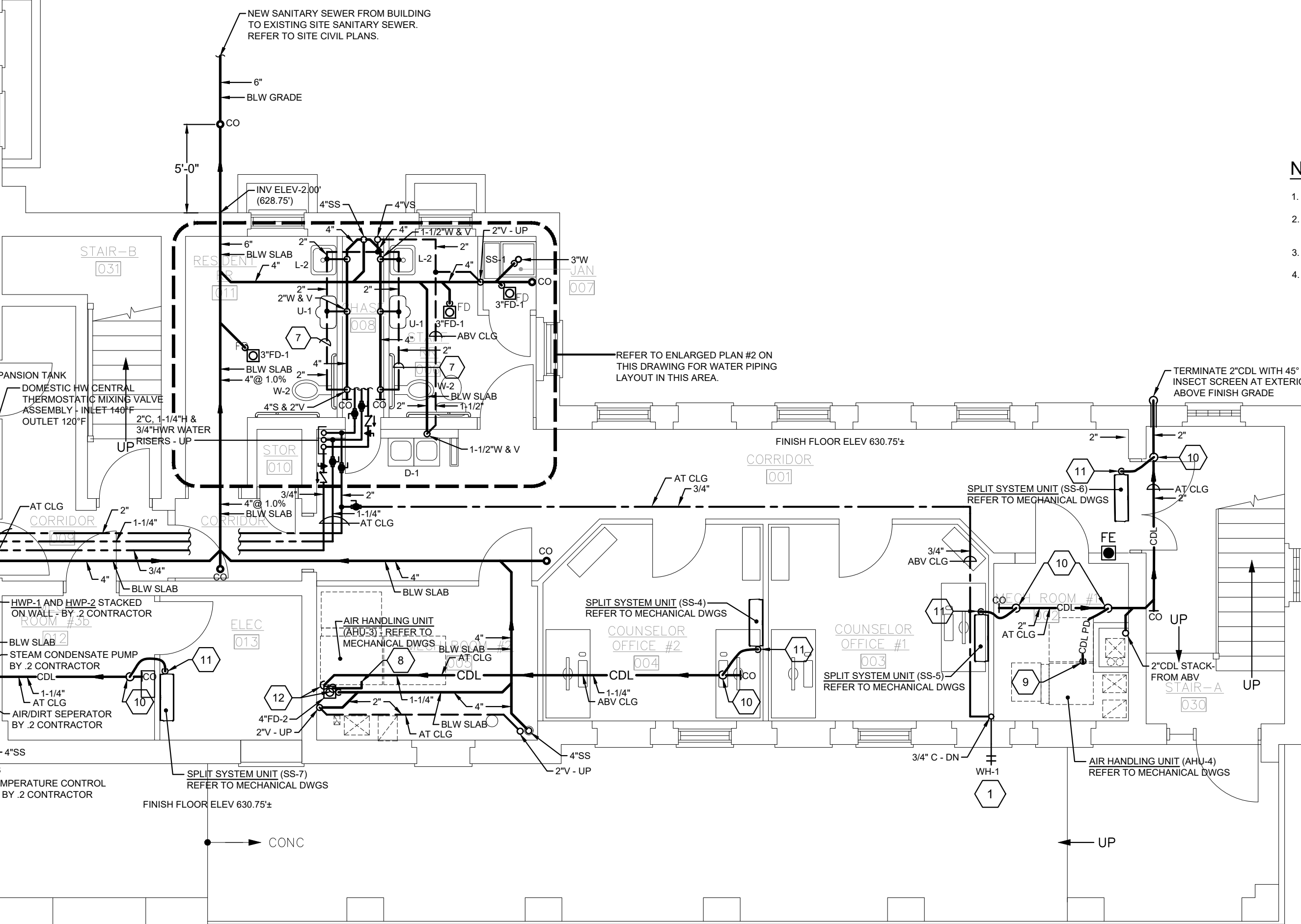
BASEMENT PLAN - NEW WORK - BASE BID 2 - PLUMBING

Scale: 3/16" = 1'-0"



RESTROOM AREA WATER PIPING PLAN

Scale: 3/16" = 1'-0"



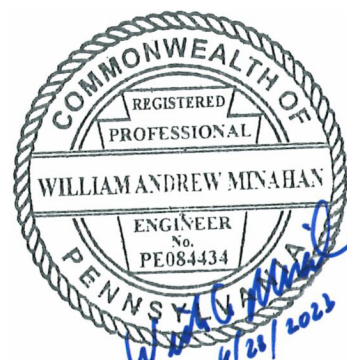
NOTES ELSEWHERE ON THIS DRAWING

- FURNISH AND INSTALL EXTERIOR WALL HYDRANT ON WALL BELOW PORCH AREA - 24" ABOVE FINISH GRADE. (TYPICAL)
- FURNISH AND INSTALL DUPLEX DOMESTIC WATER PRESSURE BOOSTER PUMP ASSEMBLY, DUPLEX END SUCTION - VARIABLE SPEED PACKAGED PUMP ASSEMBLY WITH EACH PUMP RATED AND CAPACITY OF 1.5 HP @3400RPM - 45.5 GPM @ 62.5 FT / HD (27 PSI BOOST) 3 PH - 60 Hz - 208V, BOD, QUANTUMFLO - PRODIGY 2 DUPLEX - MODEL #120-3 1.5 OR APPROVED EQUAL. (REFER TO DETAIL # 5 & # 6 ON DRAWING P-601)
- PROVIDE SUPPLY TYPE TRAP PRIMER VALVE ASSEMBLY WITH MULTI-DRAIN DISTRIBUTION AS REQUIRED TO SUPPLY MULTIPLE FLOOR DRAINS. EXTEND AND CONNECT 1/2" TRAP PRIMER SUPPLY LINE TO FLOOR DRAINS TO ENSURE TRAP SEAL IS MAINTAINED. (TYPICAL)
- PROVIDE TRAP PRIMER WATER SUPPLY TO FLOOR DRAIN. EXTEND 1/2" TRAP PRIMER SUPPLY LINE BELOW SLAB IN PIPE SLEEVE AND CONNECT TO FLOOR DRAIN CONNECTION TO ENSURE TRAP SEAL IS MAINTAINED. (TYPICAL)
- RUN WATER PIPING ALONG THE WALL IN PIPE CHASE AT THE FIXTURE ROUGH-IN CONNECTION LEVEL AT THE DESIGNATED SIZE. (TYPICAL)
- CONNECT AND EXTEND THE EXISTING 2" DOMESTIC WATER SERVICE ENTRANCE TO THE NEW WATER SERVICE BACKFLOW AND WATER METER ASSEMBLY.
- RUN VENT PIPING ALONG THE WALL IN PIPE CHASE AT A MINIMUM OF 12" HIGHER THAN THE HIGHEST FIXTURE FLOOD RIM ELEVATION. (TYPICAL)
- CONNECT AND EXTEND CONDENSATE DRAIN FROM AIR HANDLING UNIT DRAIN CONNECTION AND TERMINAL CONDENSATE DRAIN LINE OVER THE FLOOR DRAIN WITH APPROVED AIR GAP. (TYPICAL)
- CONNECT 3/4" CONDENSATE PUMP DISCHARGE TUBING FROM THE AIR HANDLING UNIT CONDENSATE DRAIN PUMP AND EXTEND TO THE GRAVITY CONDENSATE DRAIN LINE. COORDINATE THE EXACT SIZE AND LOCATION WITH AIR HANDLING CONDENSATE DRAIN PUMP. REFER TO THE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION. (TYPICAL)
- CONNECT THE 3/4" CONDENSATE DRAIN PUMP DISCHARGE LINE TO THE TOP SECTION OF THE GRAVITY CONDENSATE DRAINAGE PIPE WITH A 45° FITTING IN THE DIRECTION. (TYPICAL)
- CONNECT 3/4" CONDENSATE PUMP DISCHARGE TUBING FROM THE SPLIT SYSTEM AIR HANDLING UNIT CONDENSATE DRAIN PUMP AND EXTEND TO THE GRAVITY CONDENSATE DRAIN LINE. COORDINATE THE EXACT SIZE AND LOCATION WITH SPLIT SYSTEM UNIT CONDENSATE DRAIN PUMP. REFER TO THE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION. (TYPICAL)
- EXTEND GRAVITY CONDENSATE DRAIN PIPING AT REQUIRED SLOPE AND TERMINATE OVER FLOOR DRAIN AT FLOOR WITH APPROVED AIR GAP. (TYPICAL)
- HOT WATER RETURN CIRCULATION THERMOSTATIC BALANCING VALVE ASSEMBLY SET AT 110°F @ 0.5 GPM MINIMUM.
- HOT WATER RETURN CIRCULATION THERMOSTATIC BALANCING VALVE ASSEMBLY SET AT 110°F @ 3.5 GPM MINIMUM.

NOTES:

- ALL ITEMS TO BE CONSIDERED BIDDING UNLESS NOTED OTHERWISE.
- REFER TO P-001 FOR PLUMBING SYMBOLS, ABBREVIATIONS, NOTES AND DETAILS. (TYPICAL)
- REFER TO P-701 FOR PLUMBING FIXTURE SCHEDULES AND NOTES. (TYPICAL)
- REFER TO DRAWING P-100 FOR PLUMBING DEMOLITION OF EXISTING FIXTURES, ALL PLUMBING EQUIPMENT AND ASSOCIATED PIPING REMOVED THROUGHOUT THE BUILDING AS PART OF BUILDING RENOVATION.

RECORD REVISIONS



PROFESSIONAL'S SIGNATURE DATE

UpStreet ARCHITECTS, INC.
541 PHILADELPHIA ST. 911 MENOHER BLVD.
INDIANA, PA 15701 JOHNSTOWN, PA 15905

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG, PENNSYLVANIA

D.G.S. PROJECT No:
C-0588-0015 PHASE 1

**LOYSVILLE YOUTH DEVELOPMENT CENTER-
RENOVATIONS TO ZIMMERMAN-
BINGAMAN (ZB) COTTAGE**
DEPARTMENT OF HUMAN SERVICES
LOYSVILLE, TYRONE TOWNSHIP, PERRY COUNTY, PA

BASEMENT PLAN - NEW WORK - PLUMBING

VERIFY SCALE

BAR IS ONE (1) INCH LONG
ON ORIGINAL DRAWING:
0 1

IF BAR IS NOT ONE (1) INCH LONG,
ADJUST SCALE ACCORDINGLY

CONTRACTOR SHALL FIELD VERIFY
ALL DIMENSIONS.
VARIANCE FROM CONTRACT
DOCUMENTS NOT PERMITTED
WITHOUT PROFESSIONAL & BUREAU
OF CONSTRUCTION APPROVAL.

DRAWN BY
S. KORMANIK
CHECKED BY
W. MINAHAN

DATE
27 JUNE 2023
SCALE
AS NOTED

SHEET No.

P-200