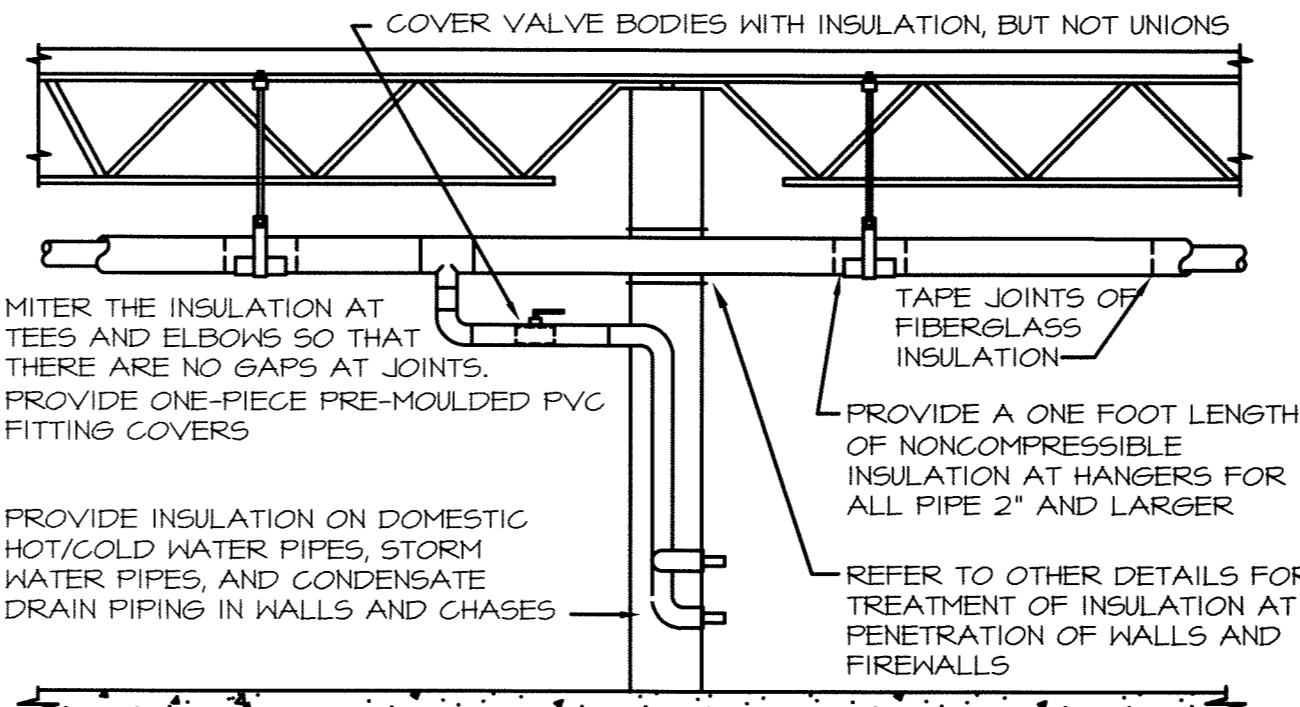


3 TWO WAY GRADE CLEANOUT
SCALE: NO SCALE



2 PIPING INSULATION
SCALE: NO SCALE

PLUMBING SPECIFICATION

1. MATERIALS

- SANITARY SEWER - SCHEDULE 40 PVC-DWV .
- DOMESTIC WATER AND HOT WATER PIPING SHALL BE COPPER T 1" WITH WROUGHT COPPER FITTINGS. ALL HOT WATER PIPING BE INSULATED WITH ARMAFLEX OR EQUIVALENT INSULATING TO THICKNESS OF 1".
- GAS PIPING SHALL BE BLACK STEEL SCHEDULE 40 WITH SCREW FITTINGS.

2. MAKING UP PIPE

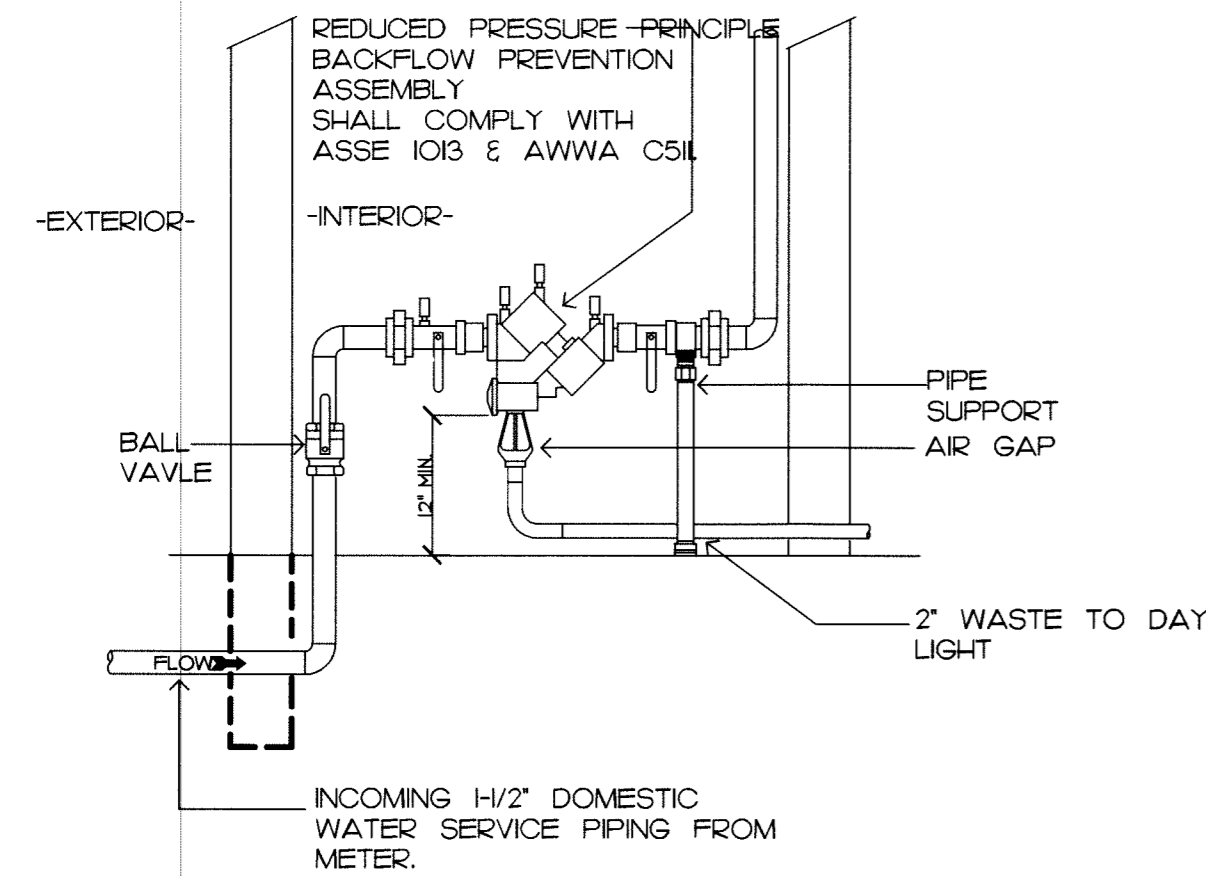
- SCREWED PIPE SHALL BE MADE WITH PIPE COMPOUND APPLIED THE MALE THREAD WITH NOT MORE THAN TWO THREADS LEFT EXPOSED. PIPE SHALL BE REAMED AFTER THREADING.
- USE ASTM APPROVED SOLVENT CEMENT FOR ALL PLASTIC PIPE
- COPPER JOINTS SHALL BE MADE UP WITH 95-5 SOLDER.

3. HANGERS AND SUPPORTS

HORIZONTAL PIPING SHALL BE SUPPORTED AT INTERVALS NOT TO EXC 10'0" WITH SWIVEL SPLIT PIPE HANGERS EQUAL TO CRANE NO. 199F (GRINNELL NO. 104. VERTICAL PIPING SHALL BE SUPPORTED BY MEANS WROUGHT IRON CLAMPS SUSPENDED FROM THE UNDERSIDE OF STRUCTURE WITH HANGER RODS.

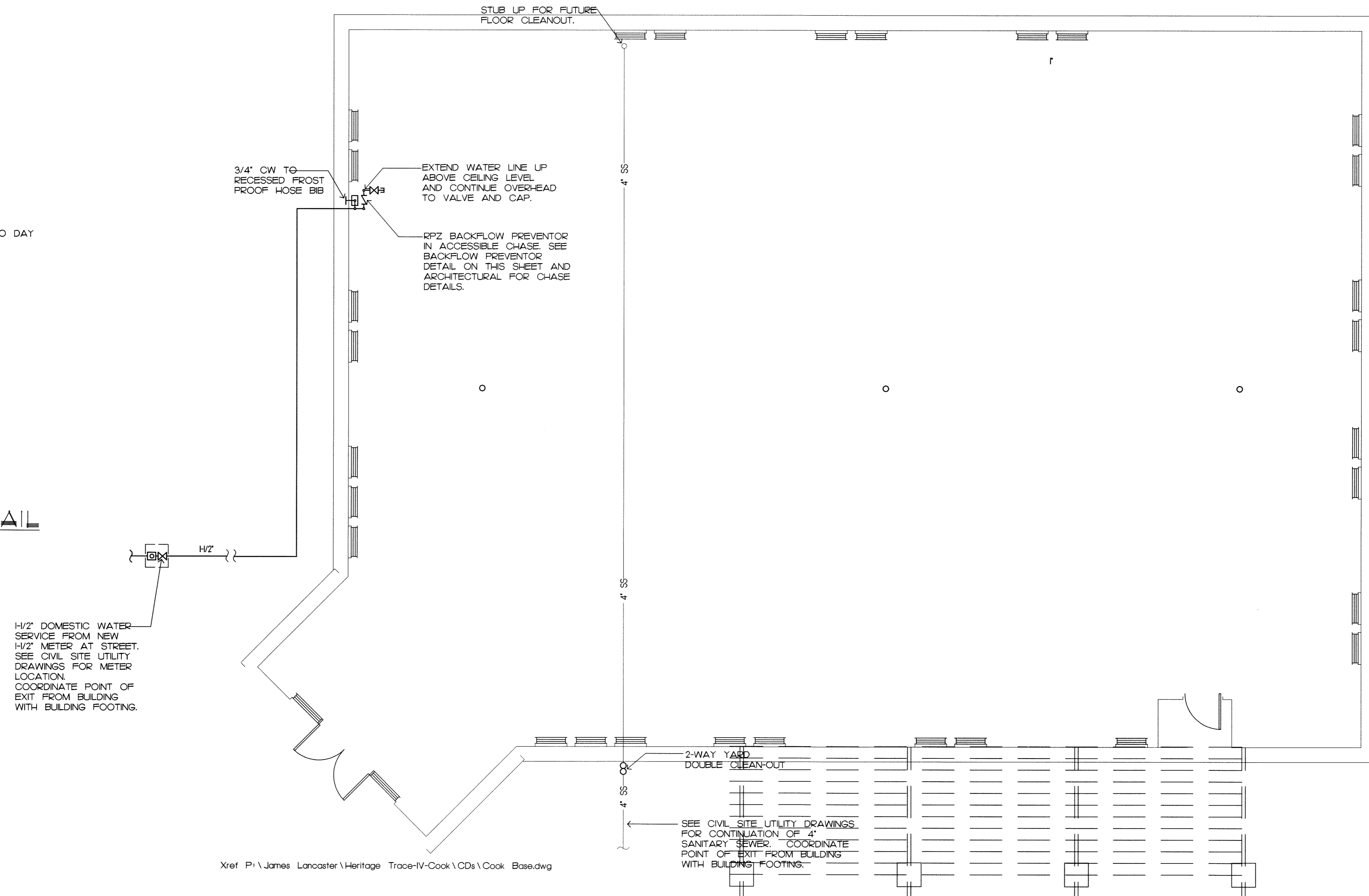
4. CLEANOUTS

CLEANOUTS SHALL BE MANUFACTURED BY TYLES, MILWAUKEE, OR EQL AND SHALL BE INSTALLED AT ALL BENDS, ANGLES, AND ENDS OF ALL WASTE AND SEWER LINES AS CALLED FOR ON THE DRAWINGS AND REQUIRED BY LOCAL CODES. ALL CLEANOUTS SHALL BE BROUGHT T GRADE, AND IN ALL CASES, SHALL BE PROVIDED WITH SUFFICIENT SP, FOR RODDING.

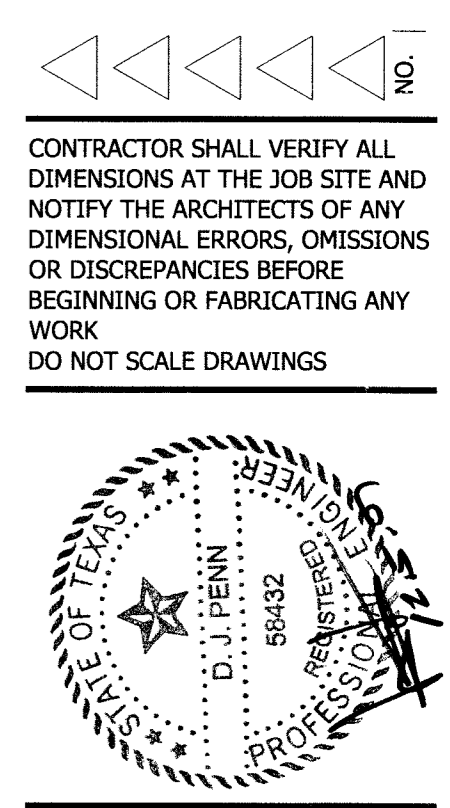


- NOTES:**
- INTERIOR ACCESS DOOR TO BACKFLOW ASSEMBLY IS REQUIRED.
 - PIPE MATERIAL SHALL BE COPPER (TYPE K) OR BRASS (ASTM B43).
 - INSTALLATION SHALL BE IN COMPLIANCE WITH ALL APPLICABLE CITY ORDINANCES AND SPECIFICATIONS IN ADDITION TO THE INTERNATIONAL PLUMBING CODE.
 - PROPERTY OWNER SHALL BE RESPONSIBLE FOR MAINTENANCE AND OPERATION OF BACKFLOW ASSEMBLY AND COMPLIANCE WITH REPORTING AND TESTING REQUIREMENTS.

4 BACKFLOW PREVENTOR DETAIL
SCALE: NO SCALE



1 BLDG. "1" SHELL PLUMBING PLAN
SCALE: 3/16"=1'-0"



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**HERITAGE TRACE
OFFICE PARK
PHASE 4 - BLDG. 1
FT. WORTH, TX**

JOB NUMBER
07.131

SHEET TITLE
**BLDG. 1
SHELL
PLUMBING PLAN**
SHEET NUMBER

P.L.O.

DATE OF ORIGINAL ISSUE
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