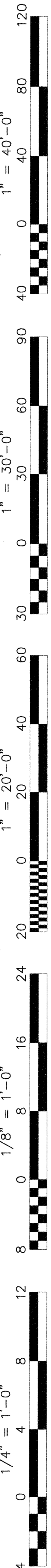
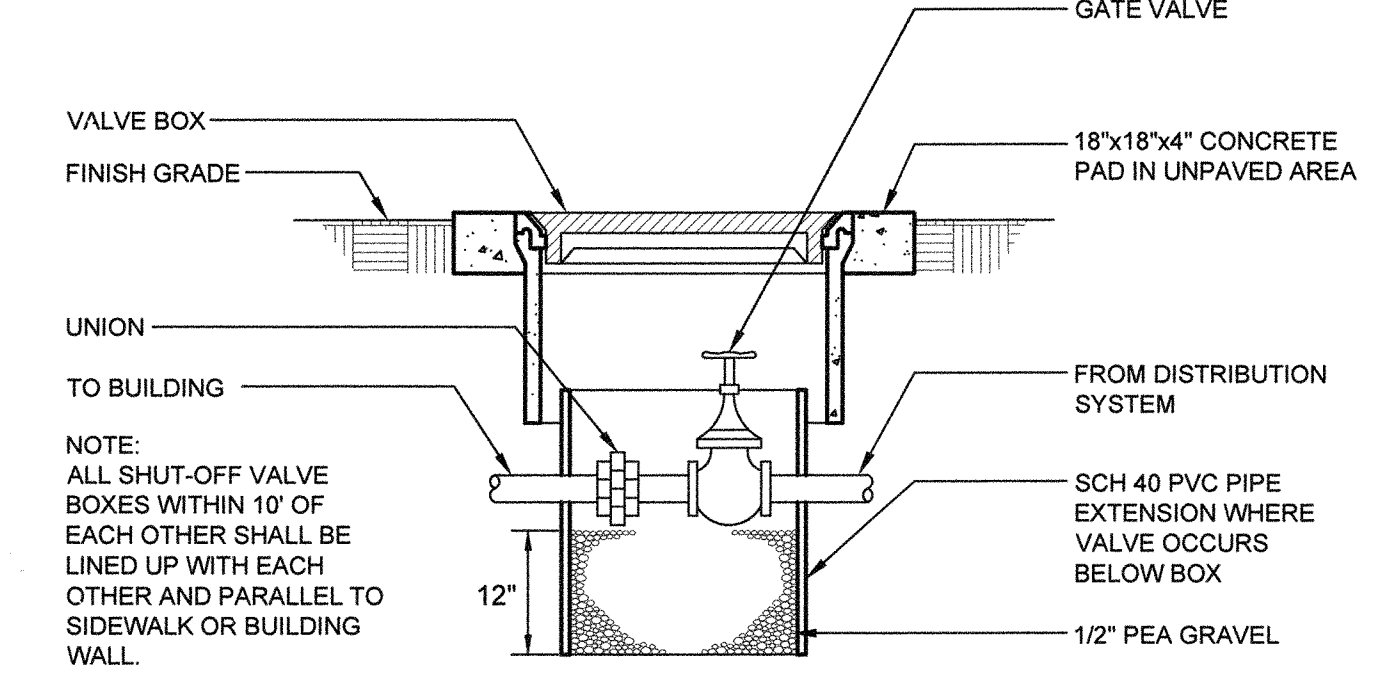


PLUMBING SPECIFICATIONS

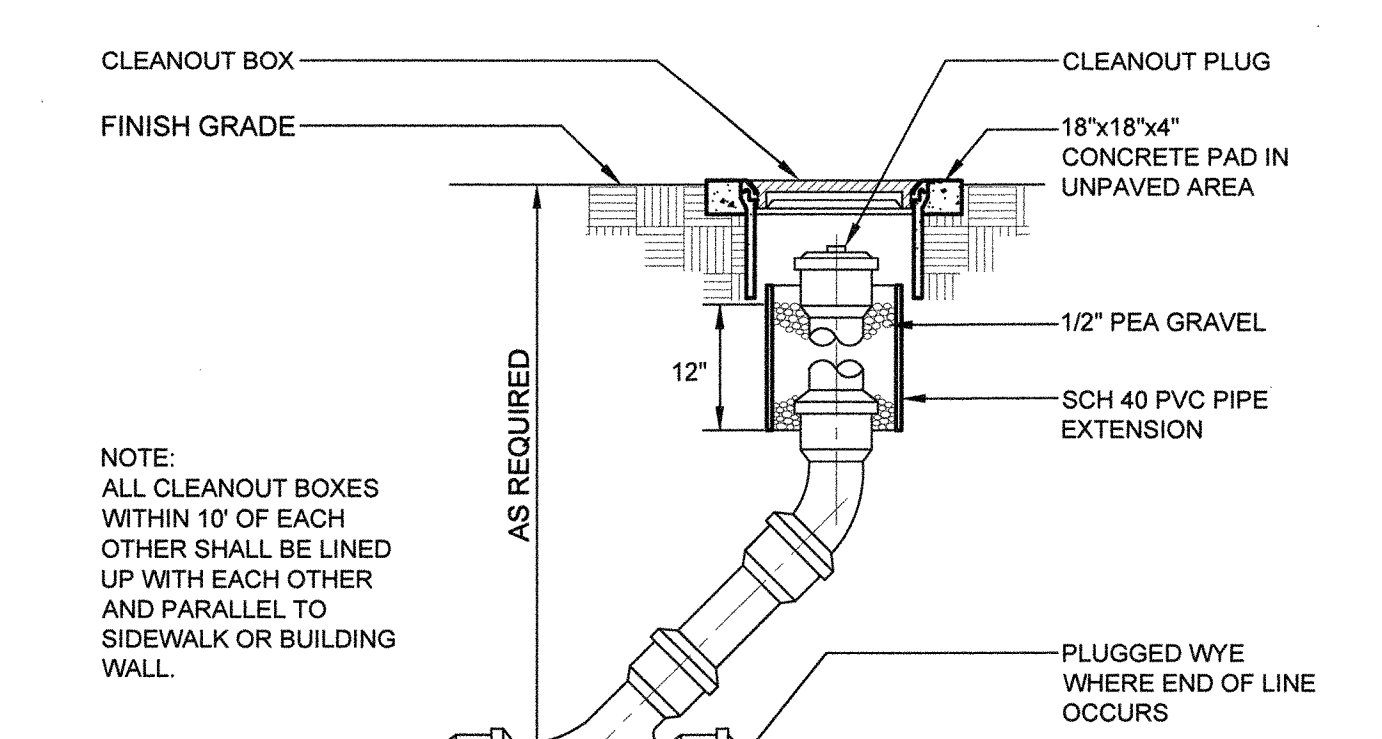
GENERAL MECHANICAL SPECIFICATIONS



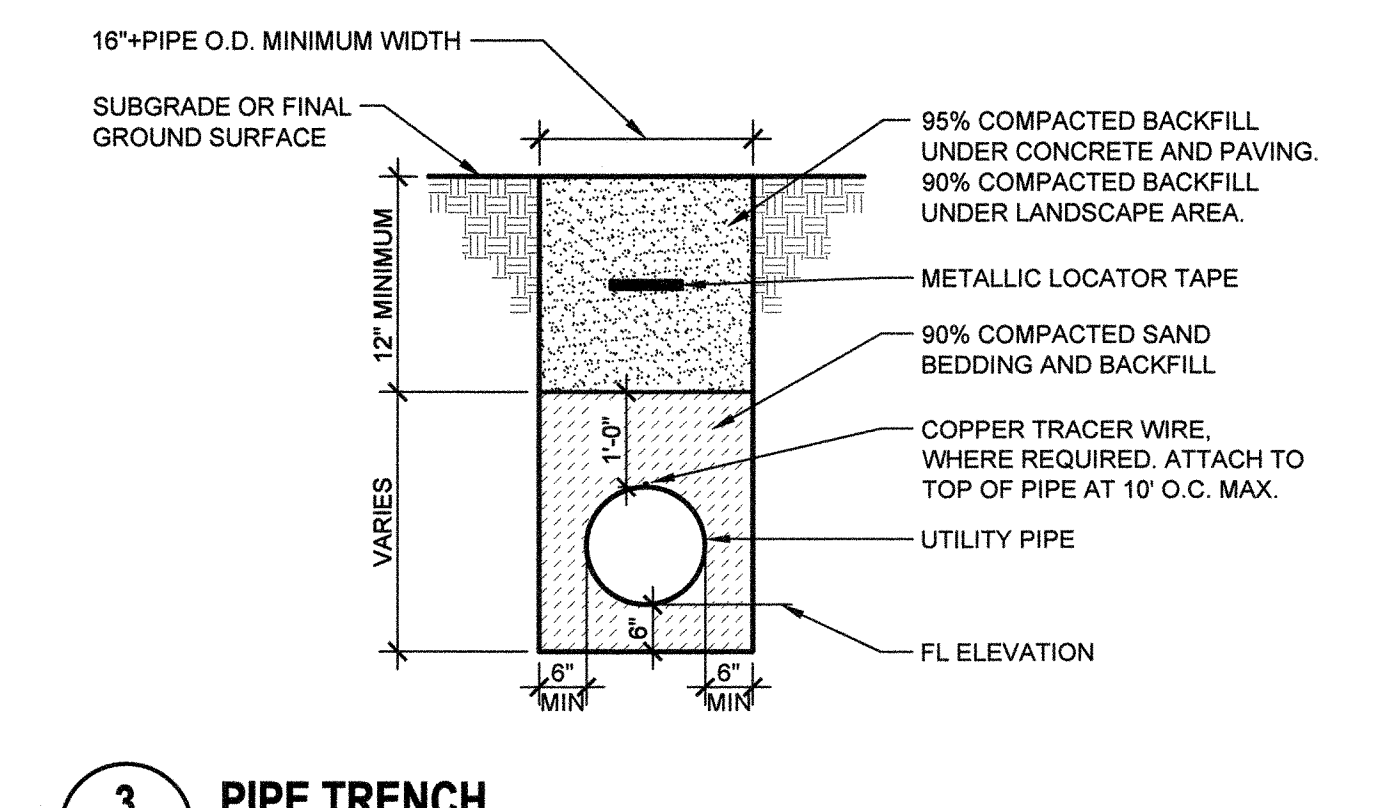
- 1. ALL GENERAL MECHANICAL SPECIFICATIONS APPLY TO THIS SECTION.
2. LAYOUT: PIPING SHALL BE CONCEALED IN WALLS, ABOVE THE CEILING, OR BELOW GRADE UNLESS OTHERWISE NOTED...
3. PIPING MATERIAL:
A. SOIL, WASTE, AND VENT
i. INSIDE BUILDING AND WITHIN FIVE FEET OF BUILDING WALLS - STANDARD WEIGHT COATED CAST IRON PIPE AND FITTINGS...
ii. OUTSIDE BUILDING - SAME AS INSIDE BUILDING...
iii. PIPE CLEANOUTS - IRON BODY WITH THREADED BRASS PLUG...
iv. CLEANOUT BOX - PRECAST REINFORCED CONCRETE...
B. DOMESTIC COLD WATER
i. INSIDE BUILDING WITHIN FIVE FEET OF BUILDING WALLS...
ii. OUTSIDE BUILDING, BELOW GRADE - SAME AS INSIDE BUILDING...
4. GATE VALVES:
A. 2" AND SMALLER - ALL BRONZE, THREADED BONNET, NON-RISING STEM...
B. 2-1/2" AND LARGER - IRON BODY, BRONZE MOUNTED...
5. MISCELLANEOUS SPECIALTIES:
A. TRANSITION FITTINGS...
B. UNION:
i. 2" AND SMALLER - AAR MALLEABLE IRON...
ii. 2-1/2" AND LARGER - GROOVED PIPE...
6. MISCELLANEOUS PIPING ITEMS:
A. DETECTABLE WARNING TAPE - SEE GENERAL MECHANICAL SPECIFICATIONS...
7. PIPING INSULATION MATERIALS:
A. ALL PIPING INSULATION MATERIALS SHALL HAVE FIRE AND SMOKE HAZARD RATINGS...
8. PIPING INSTALLATION:
A. SANITARY SEWER PIPING - INSTALL AT 1/4" PER FOOT PITCH...
9. PIPING INSULATION INSTALLATION:
A. FREEZE PROTECTION OF COLD WATER PIPING...
10. TESTS:
A. GRAVITY SYSTEMS:
i. SANITARY SEWER - ALL ENDS OF THE SANITARY SEWER SYSTEM...
B. PRESSURE SYSTEMS:
i. DOMESTIC COLD AND HOT WATER PIPING...
11. DISINFECTION: PROVIDE CERTIFICATE OF BACTERIOLOGICAL PURITY AT CLOSEOUT...



1 SHUT OFF VALVE IN BOX SCALE: N. T.S.



2 CLEANOUT TO GRADE (COTG) SCALE: N. T.S.



3 PIPE TRENCH SCALE: N. T.S.

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PLUMBING DETAILS AND SPECS

Project Name & Address: WAYSIDE ELEMENTARY SCHOOL, PORTABLE CLASSROOMS, PRE-K AND TOILET BAKERSFIELD CITY SCHOOL DISTRICT 1000 MING ROAD BAKERSFIELD, CA. 93307

Issue Date: 04/22/16

Sheet Title: PLUMBING DETAILS AND SPECS

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03-117237

AC/IT/FLS/SS/ST

DATE 02/19/16

TRACKING #:

Stamp(s): REGISTERED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING DP 6-30-16

Job No.: 5204

Sheet No.: P301

Release: -

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