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PROJECT 2007-0731
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ARCHITECT	ENGINEER

GENERAL NOTES
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REVISION/ENTRY	REMARKS	DATE

DRAWING STATUS	DATE
<input type="radio"/> DSA PLAN CHECK	
<input type="radio"/> DSA BACK CHECK	
<input type="radio"/> BIDDING (BID #65581)	
<input type="radio"/> CONSTRUCTION	

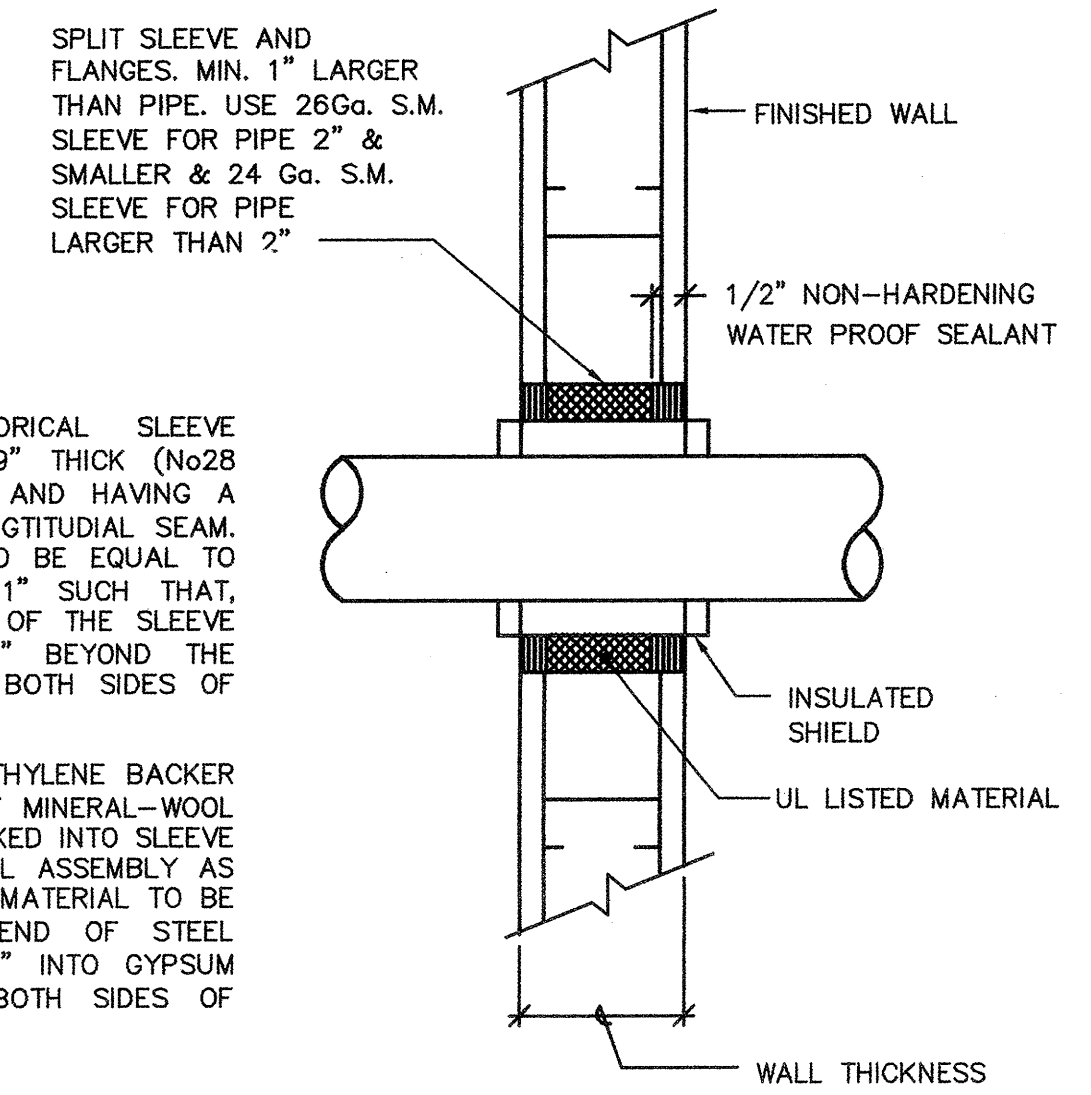
FILE NO. 41-C1
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 01-110074
 DATE: MAR 19 2009

**BUILDINGS 5 & 6
 RENOVATIONS**
 San Mateo County Community
 College District

DSA BACK-CHECK

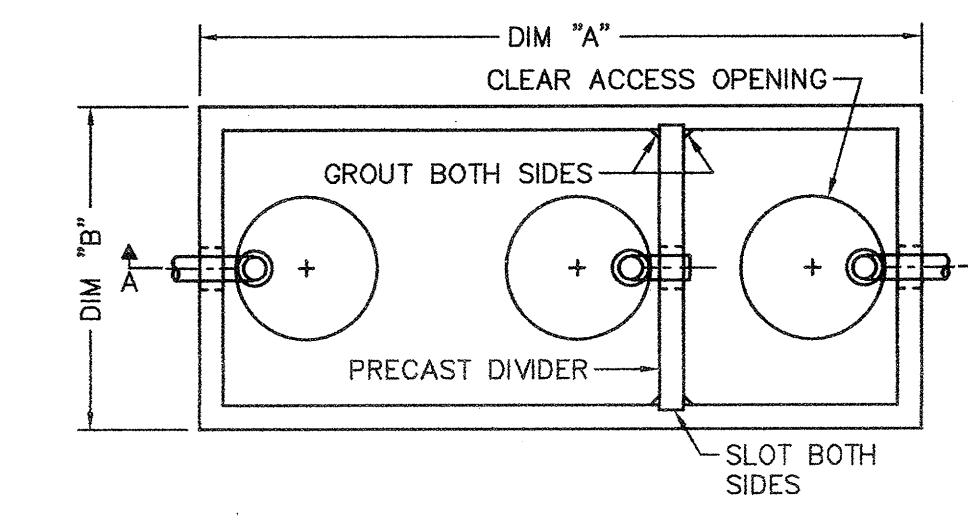
CAÑADA COLLEGE
 4200 Farm Hill Boulevard
 Redwood City, CA 94061

PLUMBING DETAILS

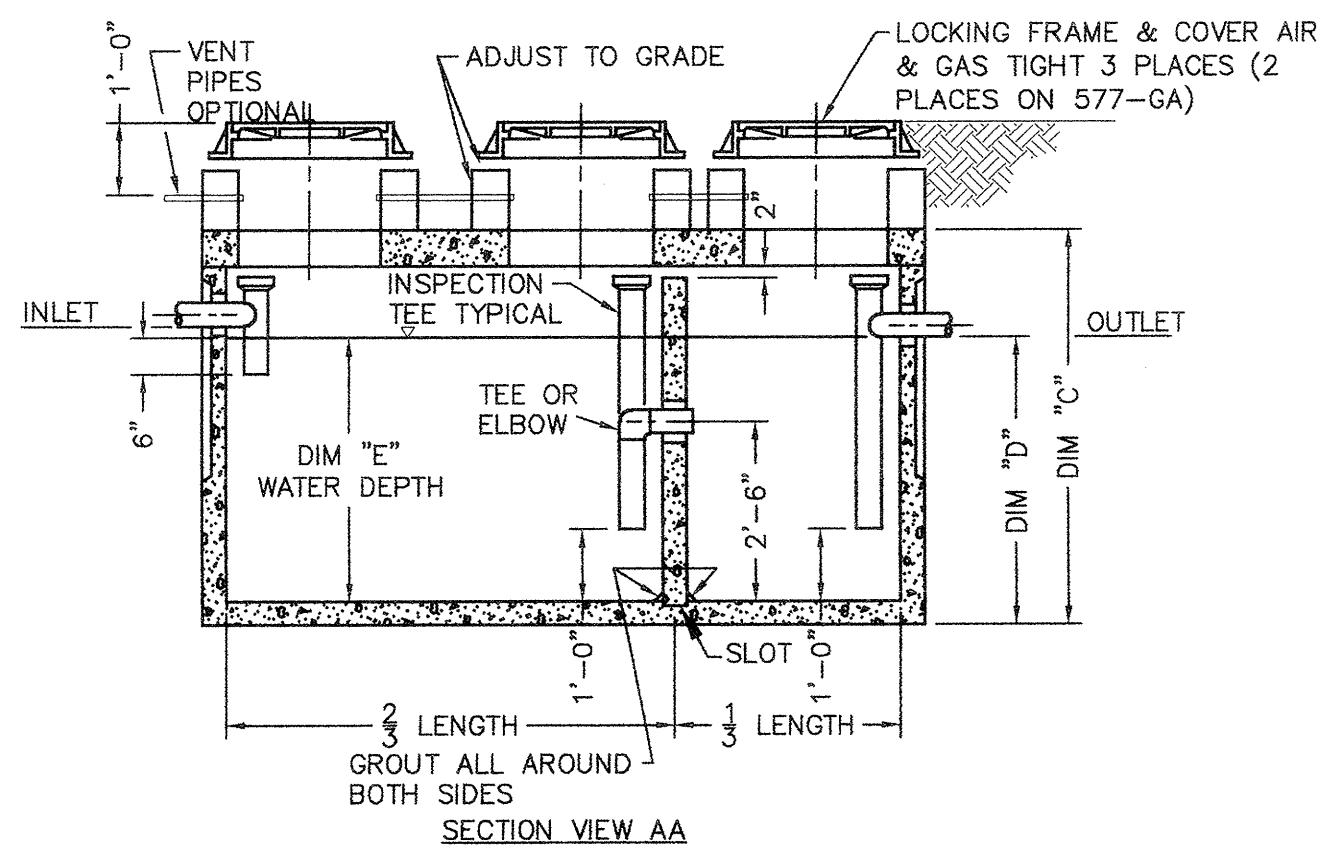


- NOTES:
- STEEL SLEEVE - CYLINDRICAL SLEEVE FABRICATED FROM MIN 0.019" THICK (No28 GAUGE) GALV SHEET STEEL AND HAVING A MIN. 2" LAP ALONG THE LONGITUDINAL SEAM. LENGTH OF STEEL SLEEVE TO BE EQUAL TO THICKNESS OF WALL PLUS 1" SUCH THAT, WHEN INSTALLED, THE ENDS OF THE SLEEVE WILL PROJECT APPROX 1/2" BEYOND THE SURFACE OF THE WALL ON BOTH SIDES OF THE WALL ASSEMBLY.
 - PACKING MATERIAL - POLYETHYLENE BACKER ROD OR MIN 1" THICKNESS OF MINERAL-WOOL BATT INSULATION FIRMLY PACKED INTO SLEEVE ON BOTH SIDES OF THE WALL ASSEMBLY AS PERMANENT FORMS. PACKING MATERIAL TO BE RECESSED MIN. 1" FROM END OF STEEL SLEEVE (RECESSED MIN. 1/2" INTO GYPSUM WALLBOARD SURFACE) ON BOTH SIDES OF WALL ASSEMBLY.

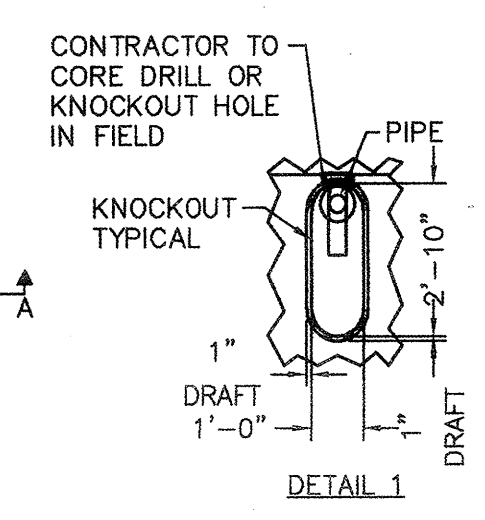
**TYPICAL PIPE WALL
 1 PENETRATION DETAIL (INSULATED PIPE)**
 NO SCALE



PLAN VIEW



SECTION VIEW AA



DETAIL 1

- NOTE:
 CONTRACTOR TO VERIFY DIMENSIONS FOR INVERTS FROM GRADE TO CENTERLINE. COORDINATE INVERT ELEVATIONS WITH CIVIL ENGINEER.
- CONTRACTOR SHALL PROVIDE & INSTALL ALL INTERIOR PIPING IN GREASE INTERCEPTOR.
 - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL TO LOCAL OFFICIALS HAVING JURISDICTION PRIOR TO PURCHASE AND INSTALLATION.
 - CONTRACTOR SHALL FILL INTERCEPTOR WITH CLEAN WATER. ALL PIPING CONNECTIONS AND GRADE RISERS SHALL BE GAS & AIR TIGHT.
 - MANHOLE STEPS (2 TYP.) SHALL BE INSTALLED AT 30" ACCESS MANHOLE RISERS, AS NOTED (2 TYP.). CONTRACTOR SHALL PROVIDE (1) ONE HOOK LADDER FOR ACCESS TO INTERCEPTOR OF 3/4" DIA. RUNGS ON 12" CENTERS. SIDE RAILS SHALL BE 1-1/2" x 3/8" FLAT BAR (2-1/2" x 3/8" WHEN LADDER LENGTH IS OVER 12'-0") SPACING @ 2" HOT DIPPED GALVANIZED. CONTRACTOR SHALL COORDINATE PURCHASE OF AND LENGTH OF HOOK LADDER WITH INTERCEPTOR MANUFACTURER. PROVIDE LADDER TO OWNERS REPRESENTATIVE.

- STRUCTURAL NOTES
- CONCRETE: 28 DAY STRENGTH $f'_c = 4500$ PSI.
 - REBAR: ASTM A-615 GRADE 60.
 - MESH: ASTM A-185 GRADE 65.
 - DESIGN: ACI-318-03 BUILDING CODE
 ASTM C-857 MIN. STRUCTURAL DESIGN
 LOADING FOR UNDERGROUND PRECAST
 CONCRETE UTILITY STRUCTURES.
 - LOADS: H-20 TRUCK WHEEL W/30% IMPACT.
 - ALL EXTERIOR PIPING SHALL BE CAST IRON.

GALLON CAPACITY	1000
UV CO. MODEL NO.	4484-GA
DIM "A"	9'-0"
DIM "B"	5'-0"
DIM "C"	2'-0"
DIM "D"	4'-2"
WATER DEPTH DIM "E"	3'-10"

2 GREASE INTERCEPTOR (GI-1)
 NO SCALE