

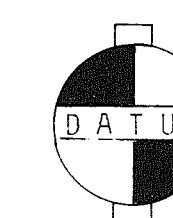
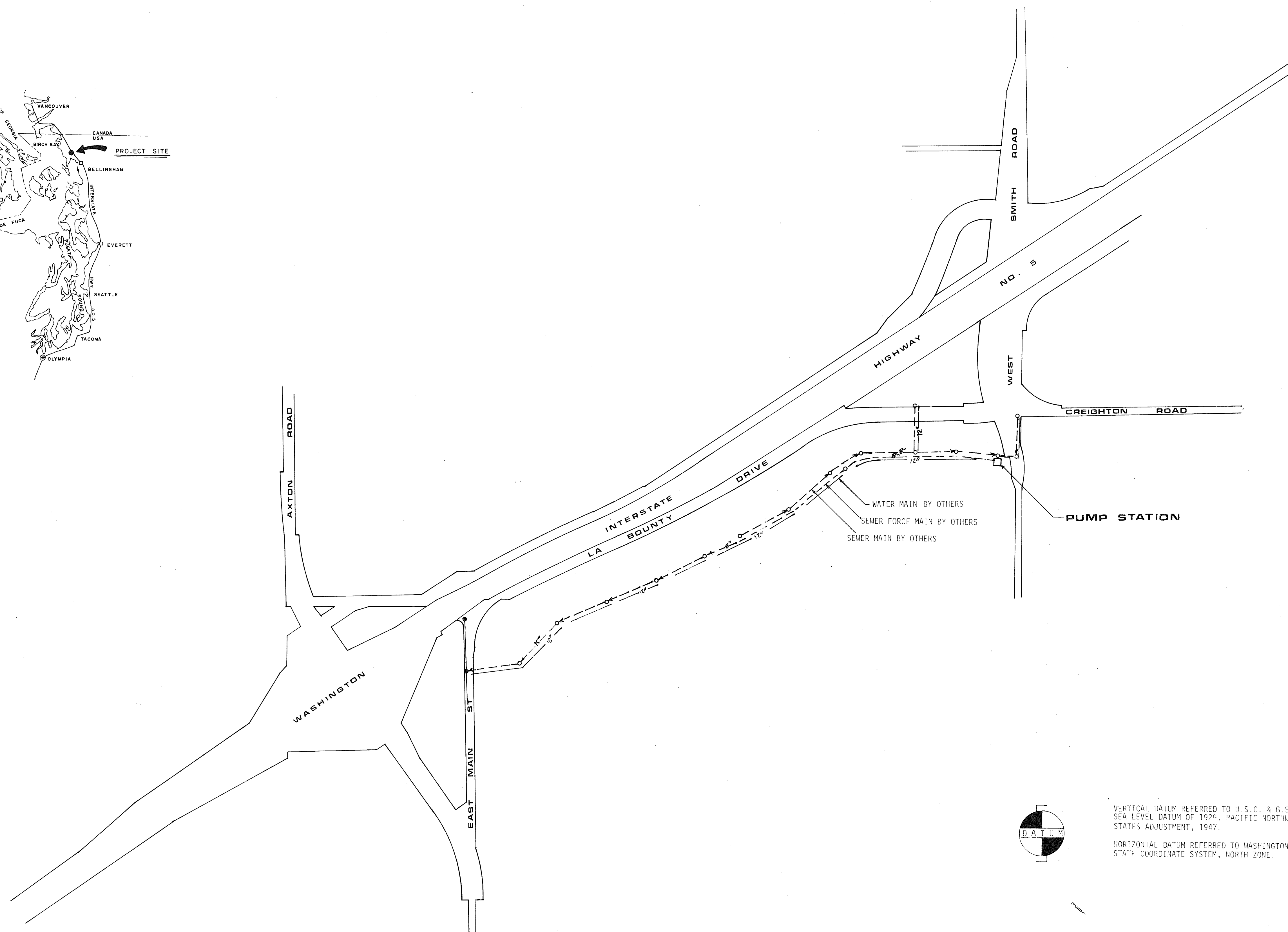
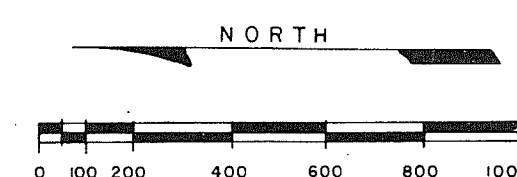
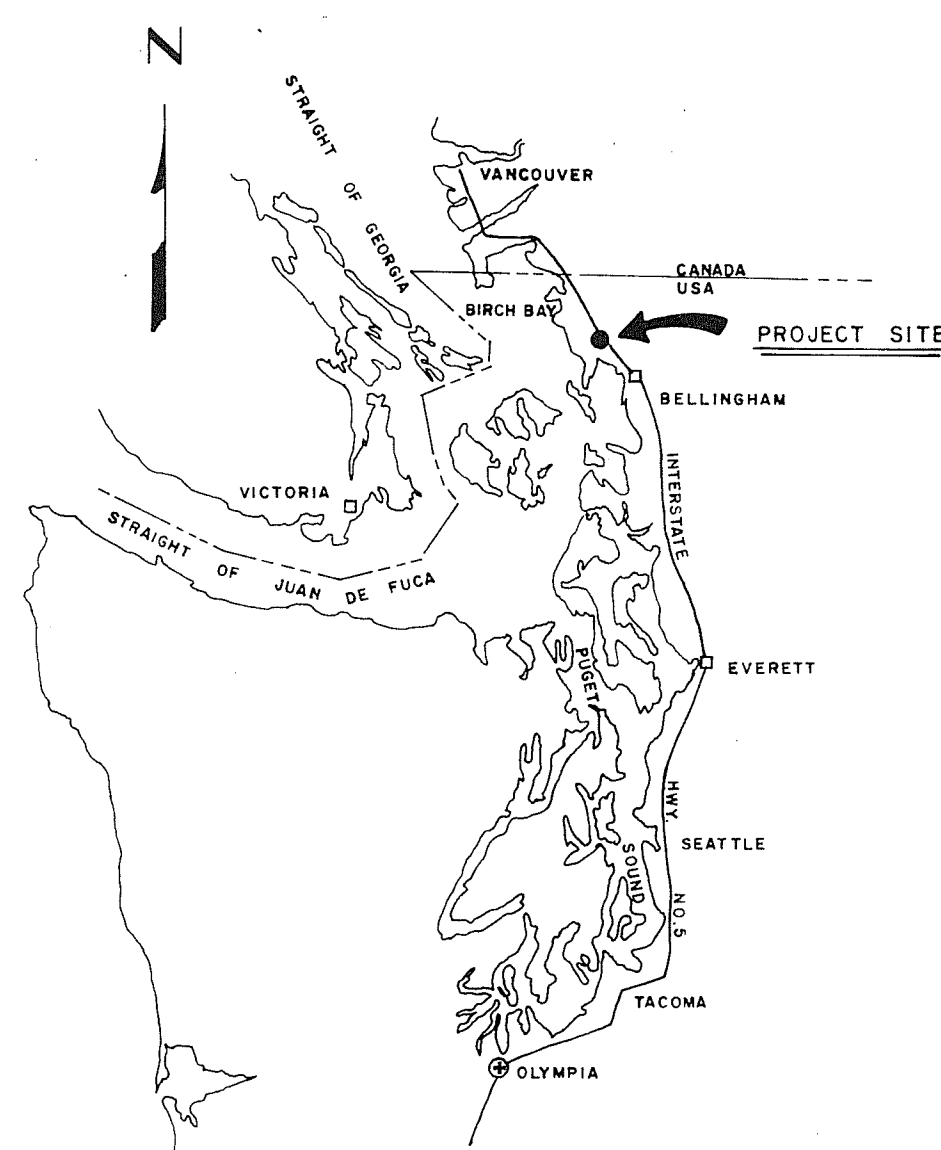
CITY OF FERNDALE, WASHINGTON

SEWAGE PUMP STATION

INSTALLATION

TO SOUTH FERNDALE

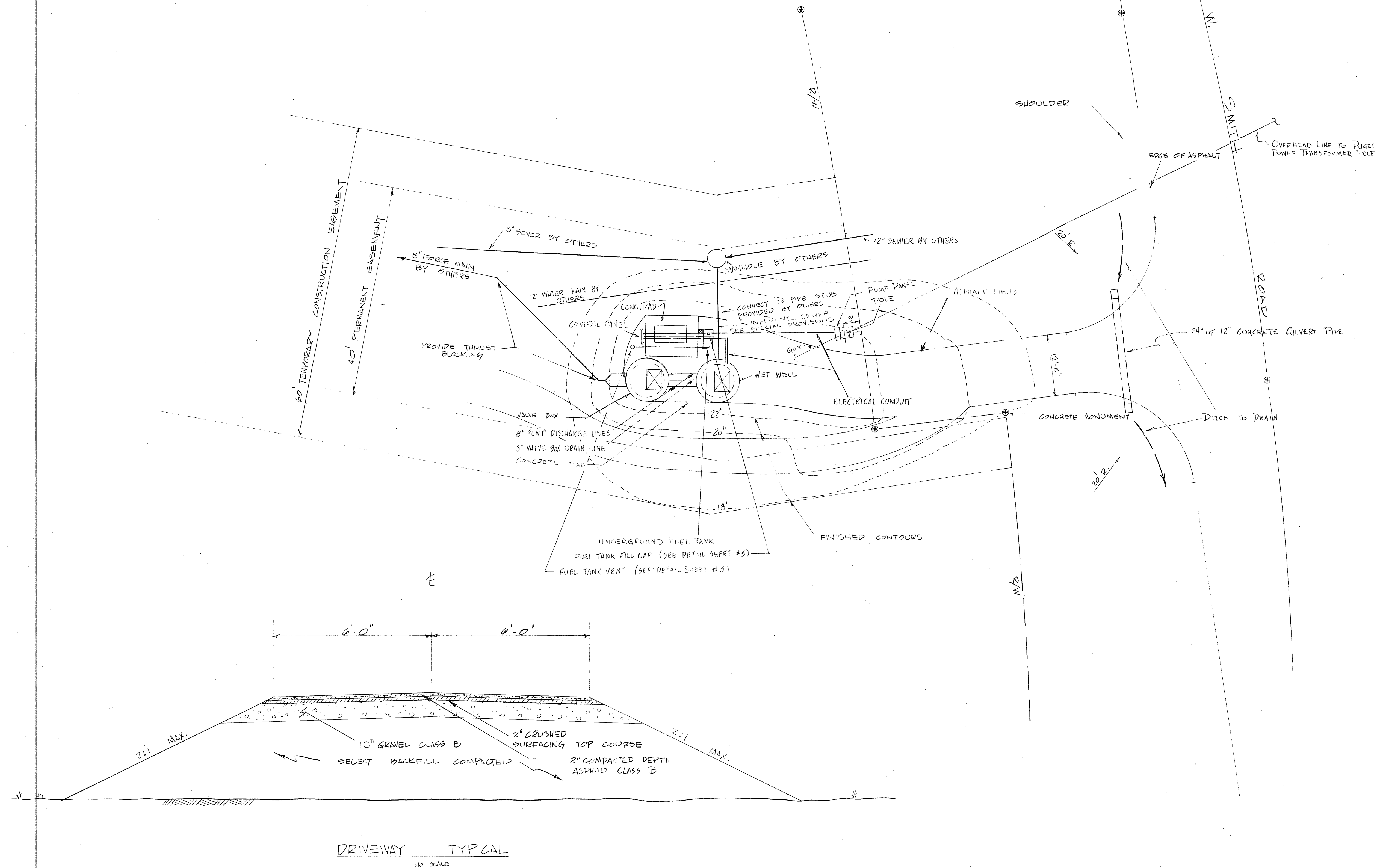
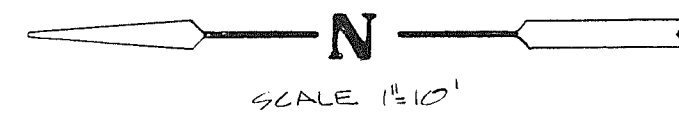
UTILITY LOCAL IMPROVEMENT DISTRICT NO. 4



VERTICAL DATUM REFERRED TO U.S.C. & G.S.
SEA LEVEL DATUM OF 1929, PACIFIC NORTHWEST
STATES ADJUSTMENT, 1947.

HORIZONTAL DATUM REFERRED TO WASHINGTON
STATE COORDINATE SYSTEM, NORTH ZONE.

502.002 CL 7/5/12

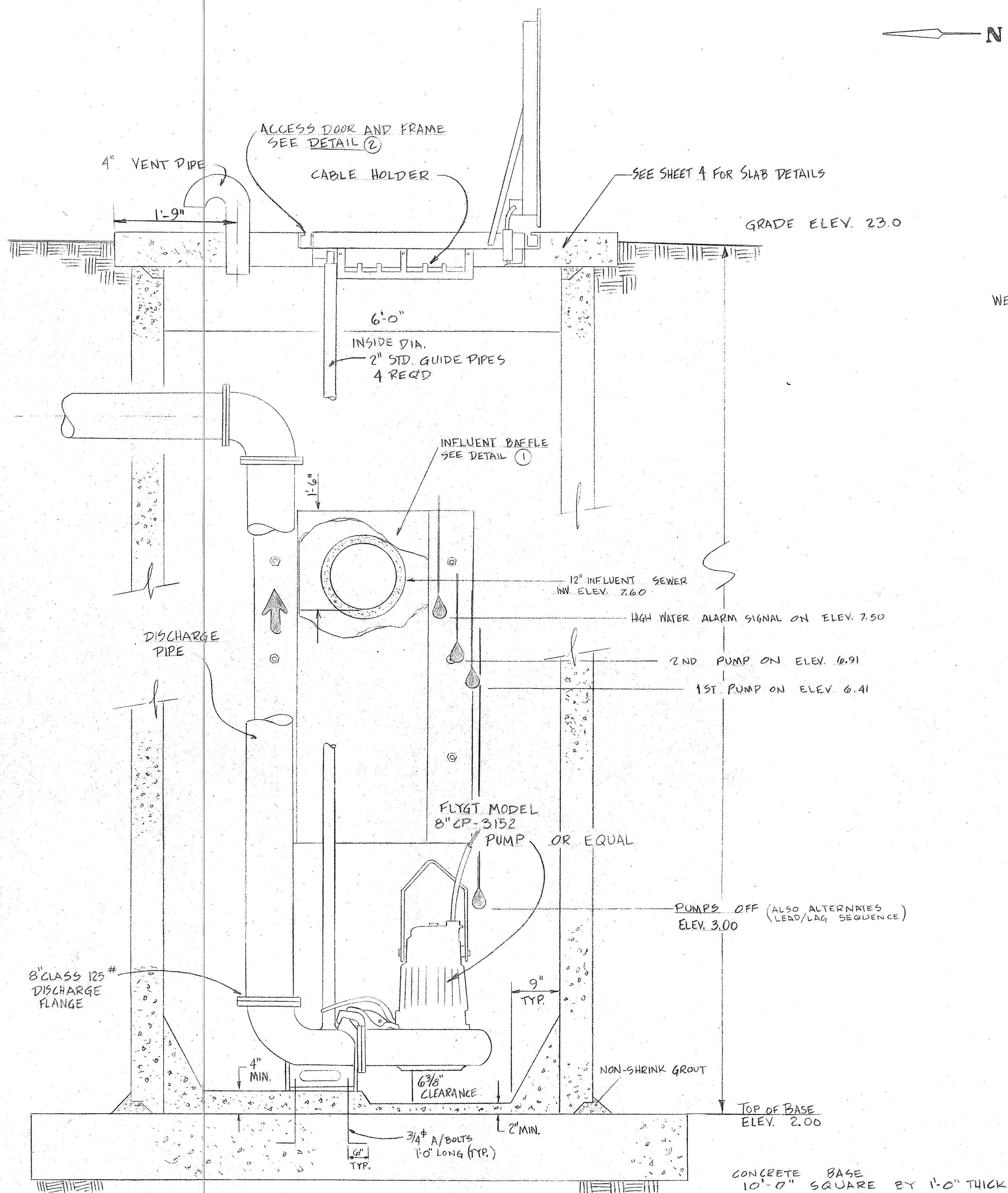


- NOTES:
1. 4" OF TOP SOIL SHALL BE PLACED ON ALL GRADED AND DISTURBED AREAS.
 2. ALL GRADED AND DISTURBED AREAS SHALL BE COMPLETED AS DESCRIBED IN SECTION 47 OF THE STANDARDS.
 3. PAYMENT FOR EROSION CONTROL SHALL BE INCLUDED AS PART OF THE LUMP SUM COST.

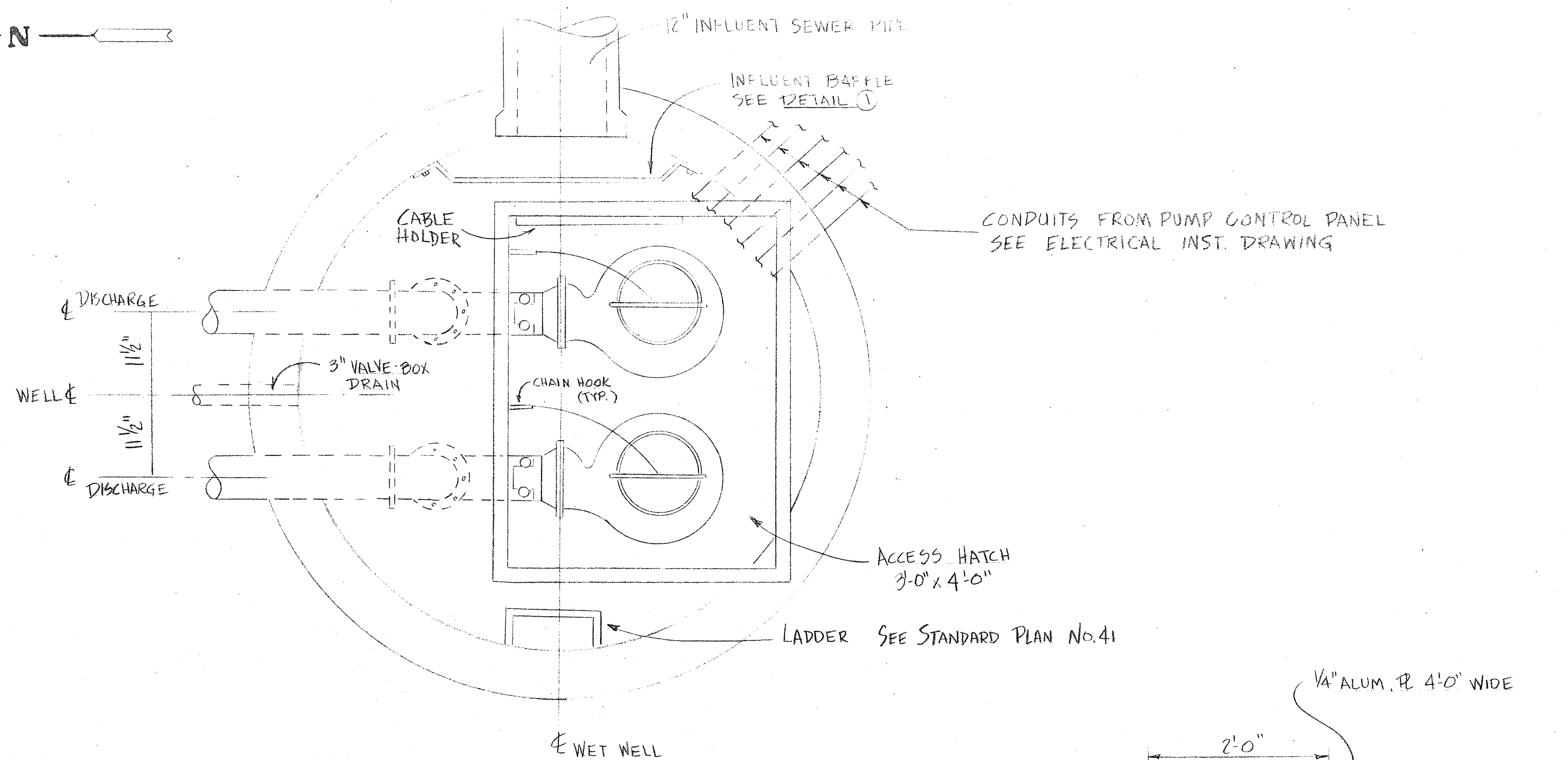
502.003 CL 7/5/12



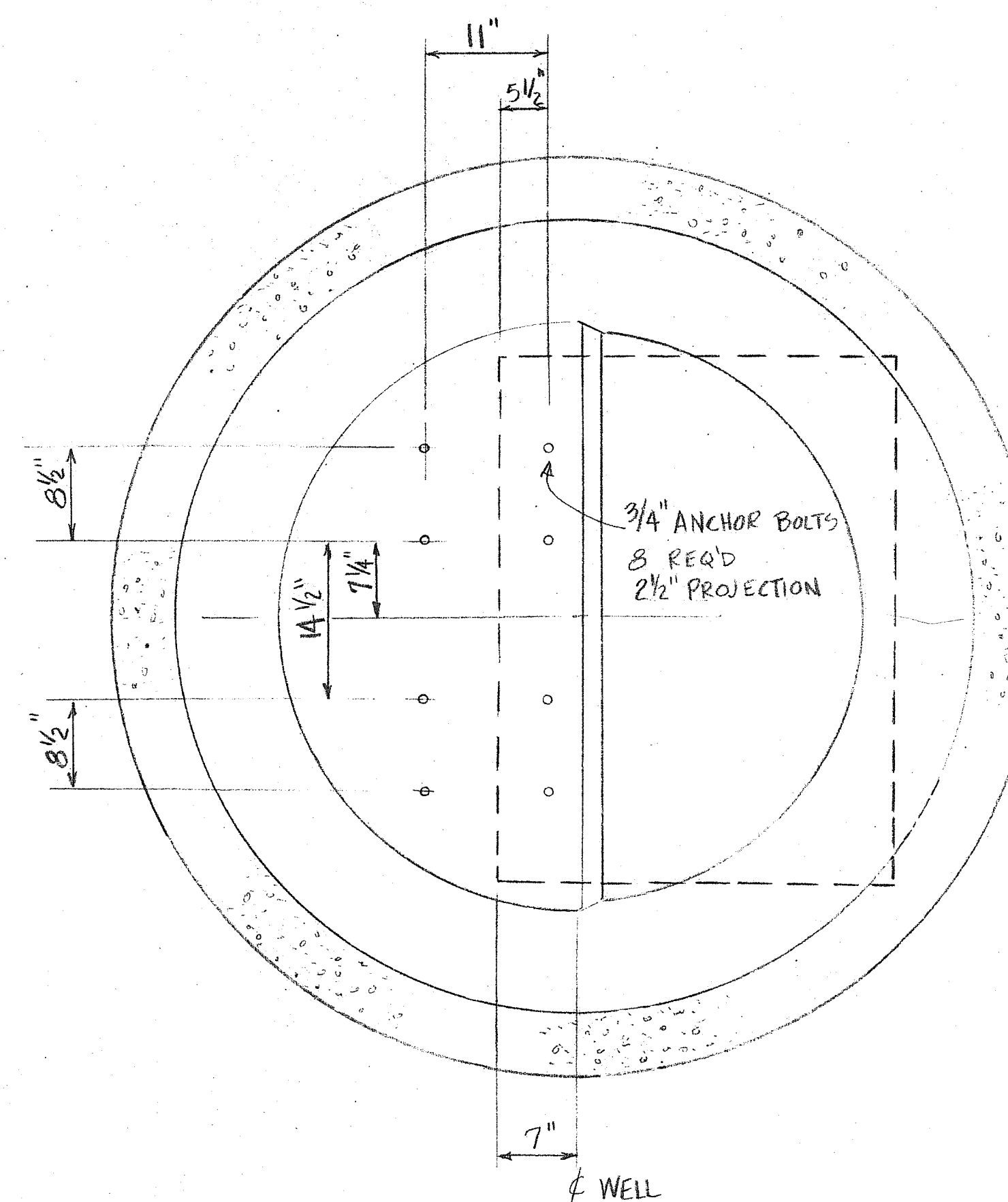
ELEV. 12.0



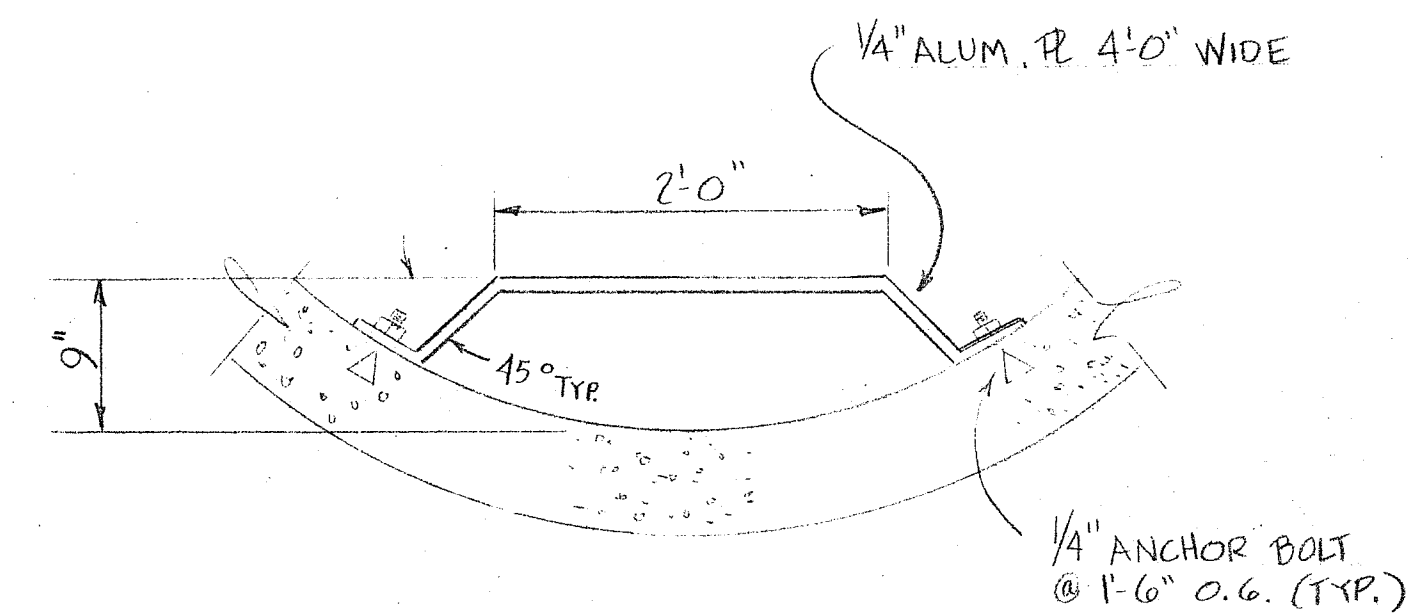
WET WELL ELEVATION



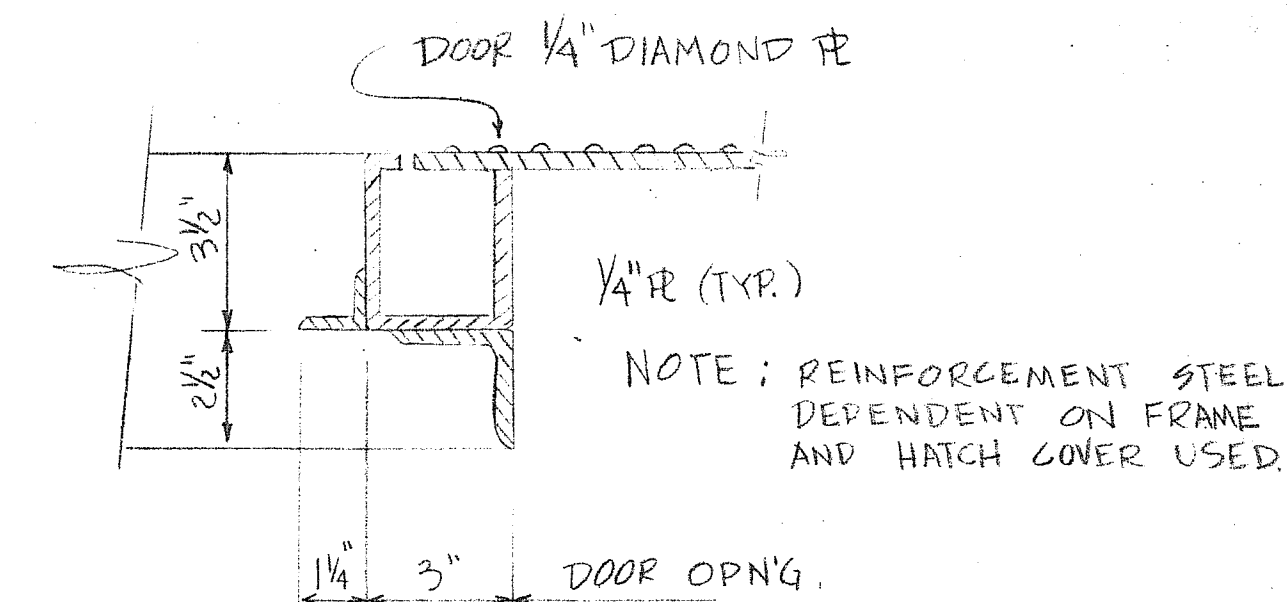
PLAN VIEW AT GRADE



PLAN VIEW AT BASE

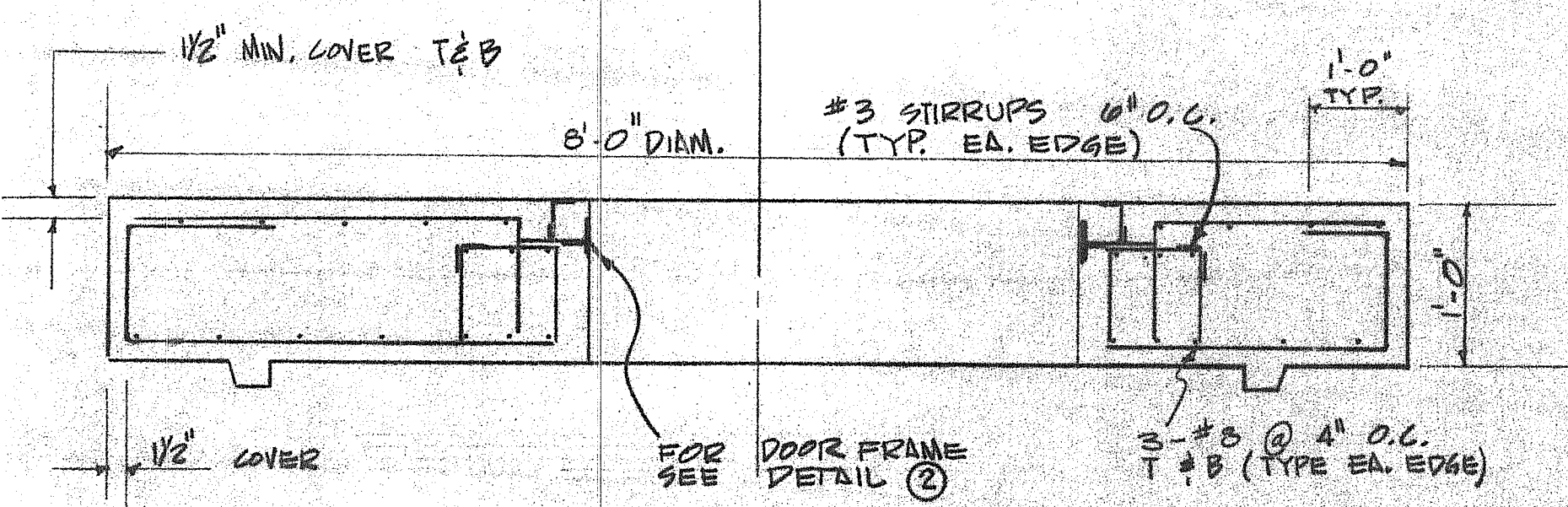


DETAIL 1

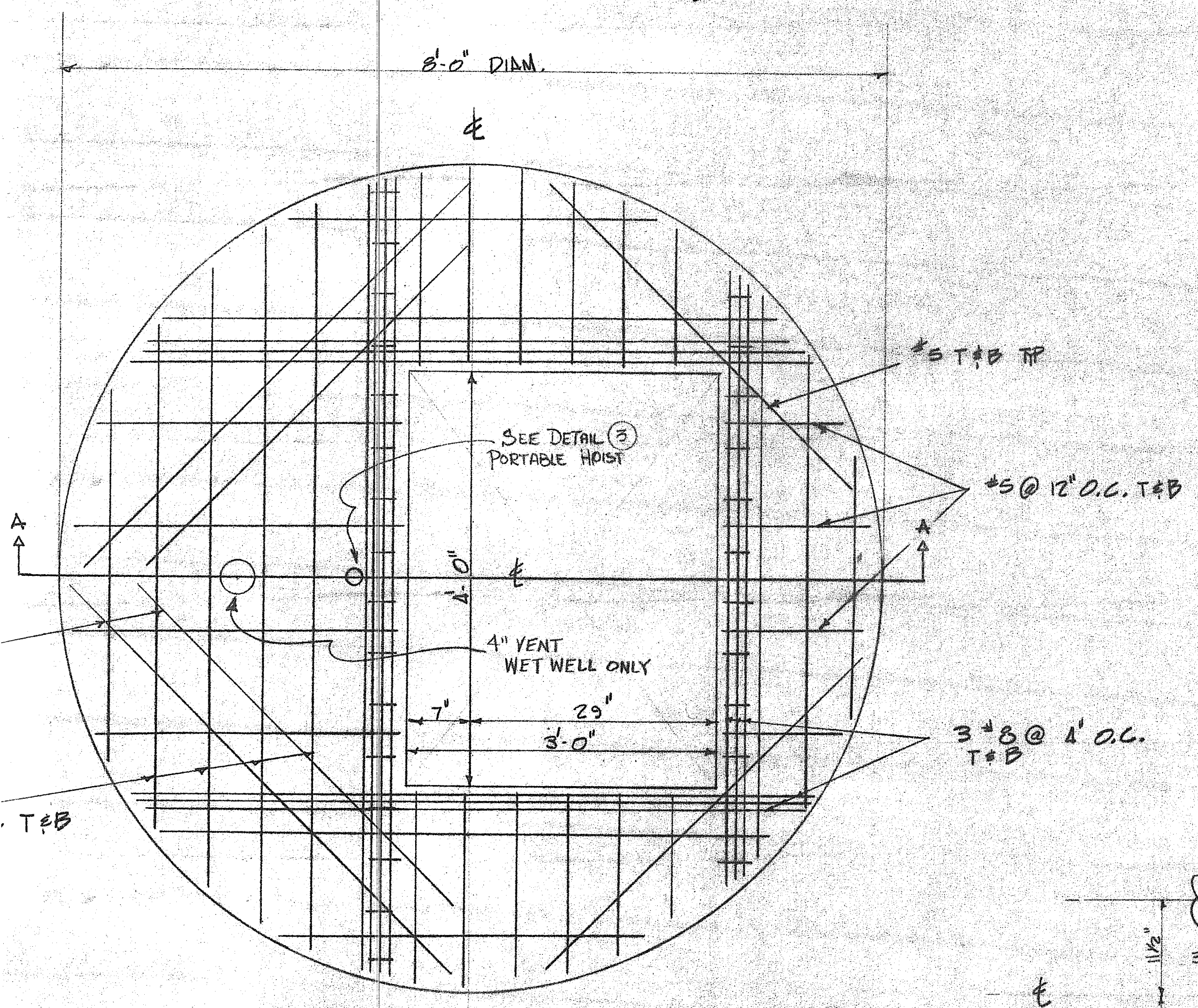


DETAIL 2

S02.004 CL 7/5/12

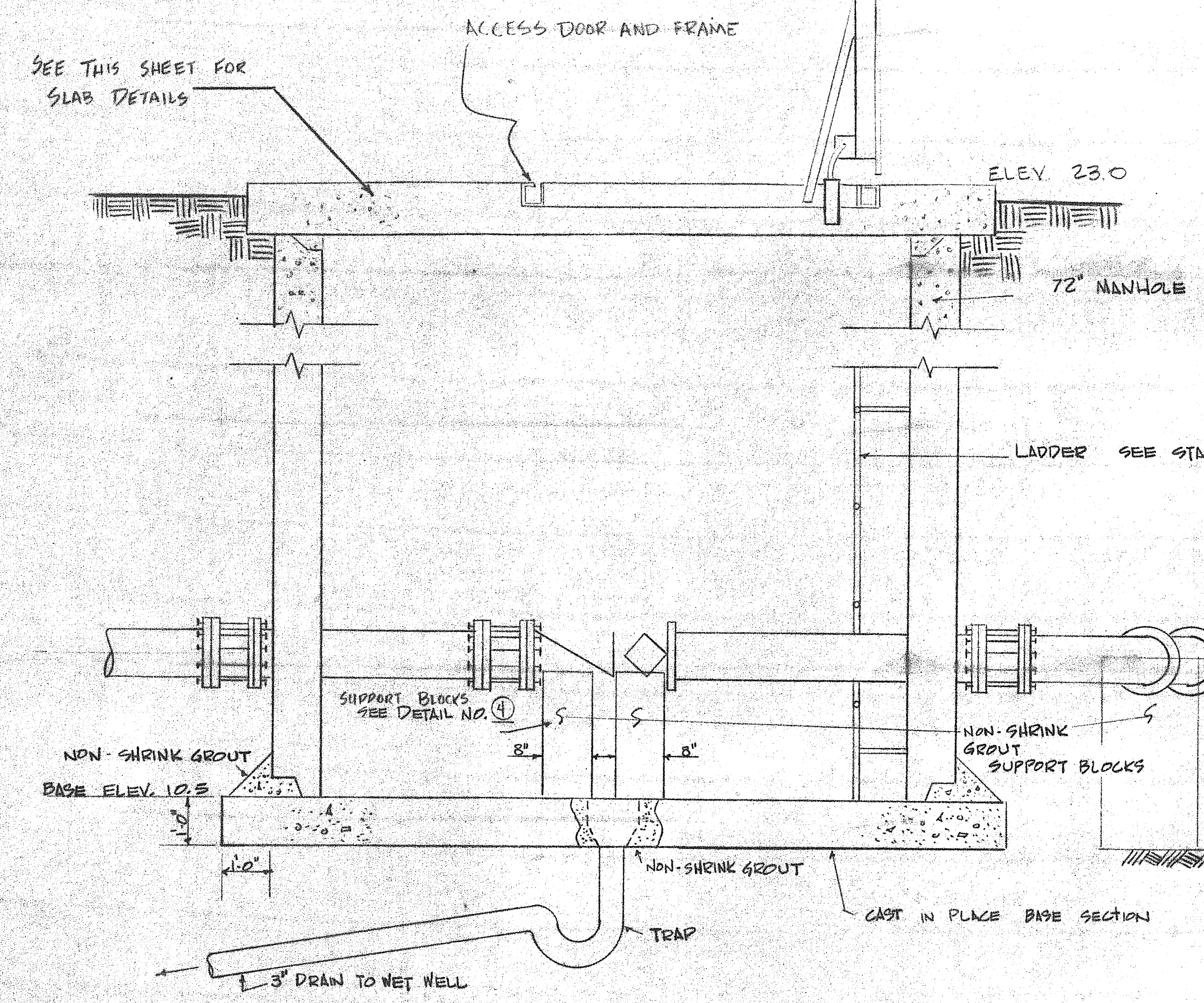


SECTION A-A
NO SCALE

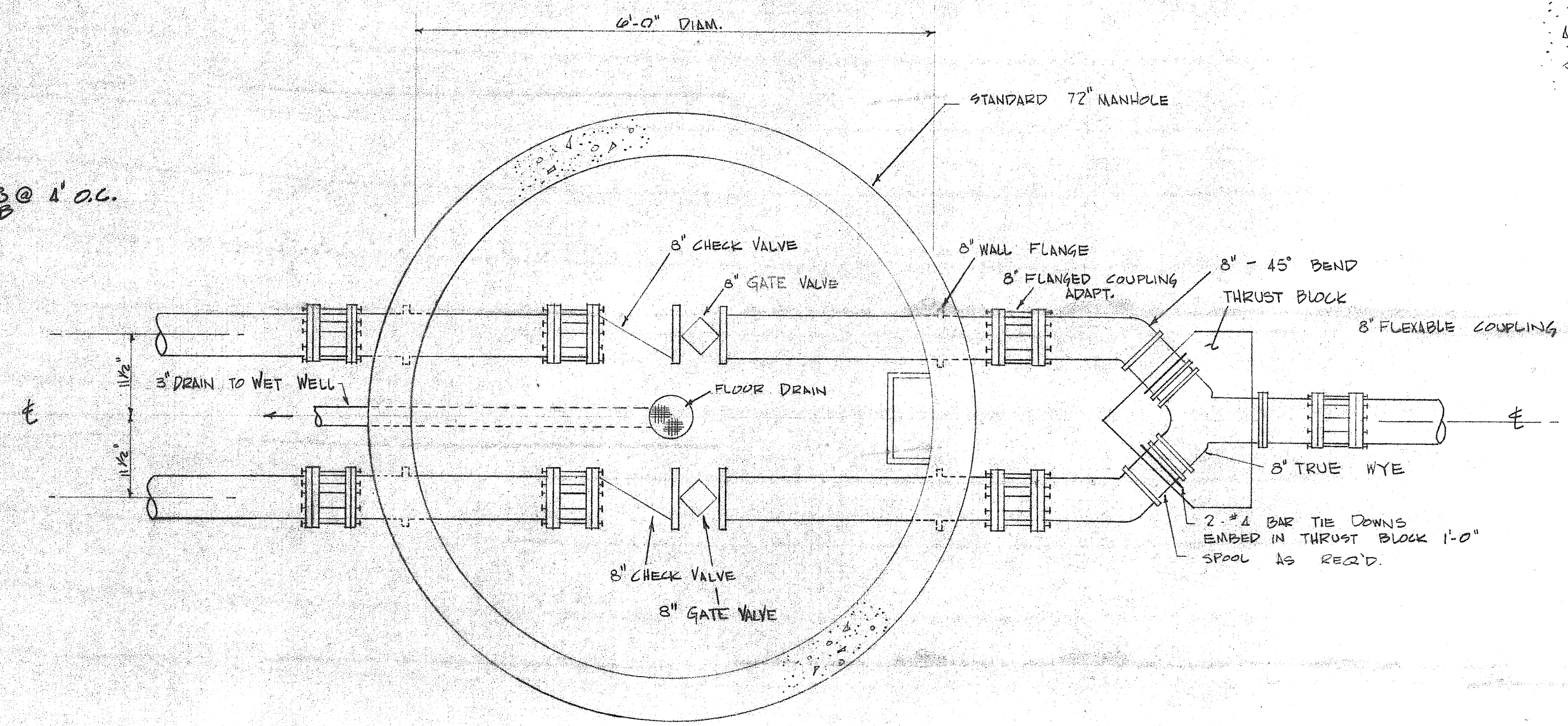


PLAN VIEW
NO SCALE

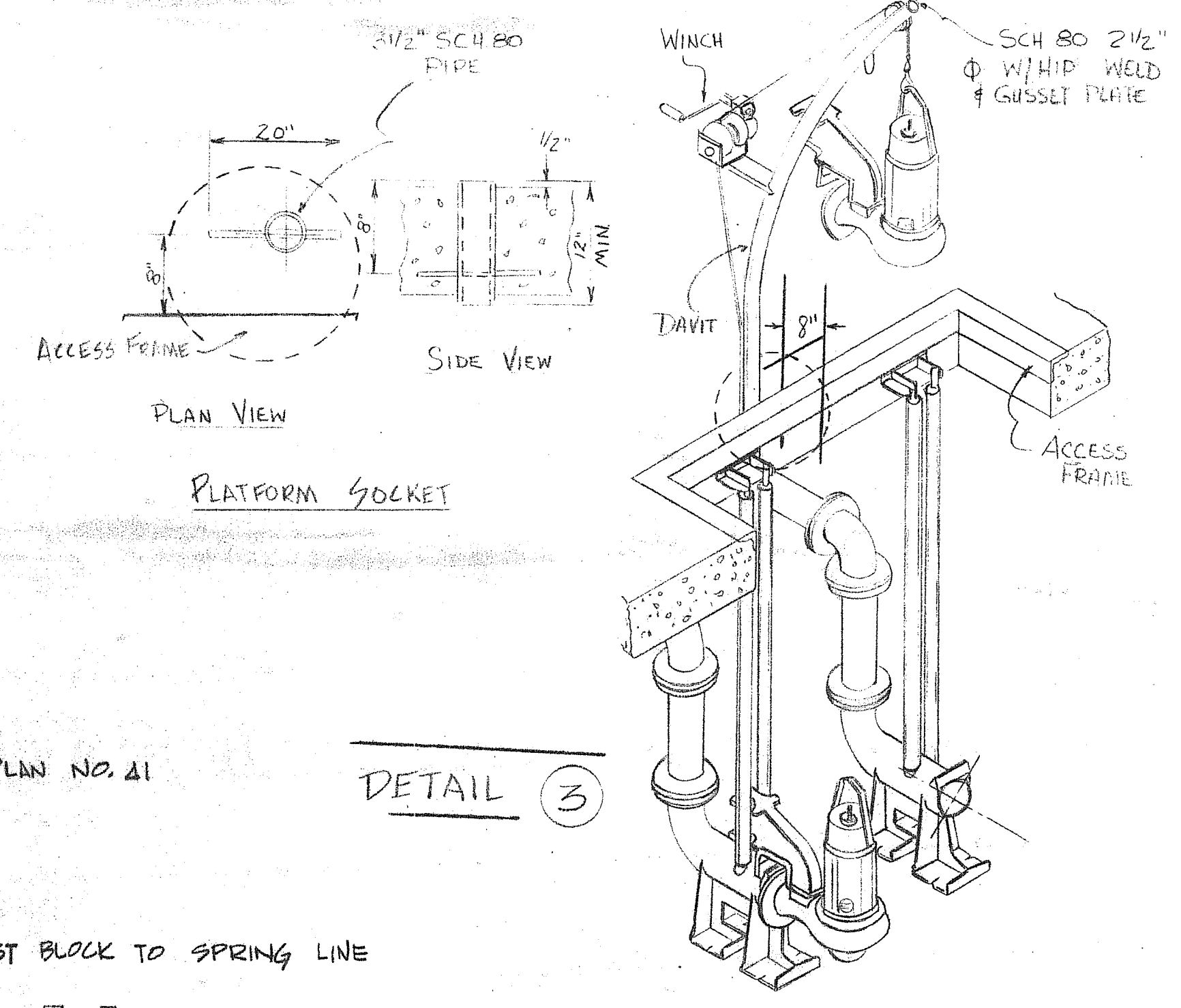
WET WELL & VALVE BOX TOP SLAB REINFORCING



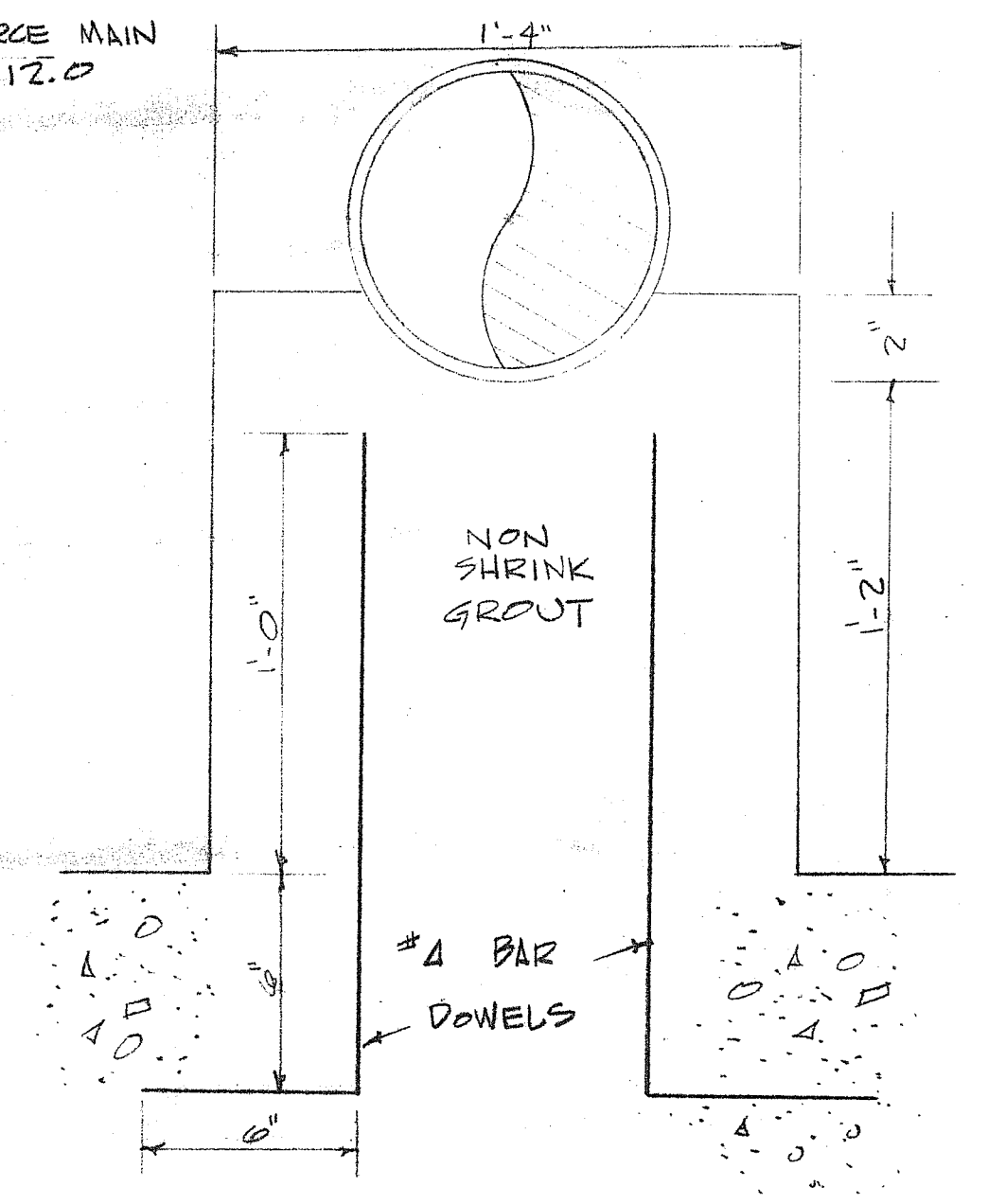
VALVE BOX ELEVATION VIEW
NO SCALE



VALVE BOX PLAN VIEW
NO SCALE

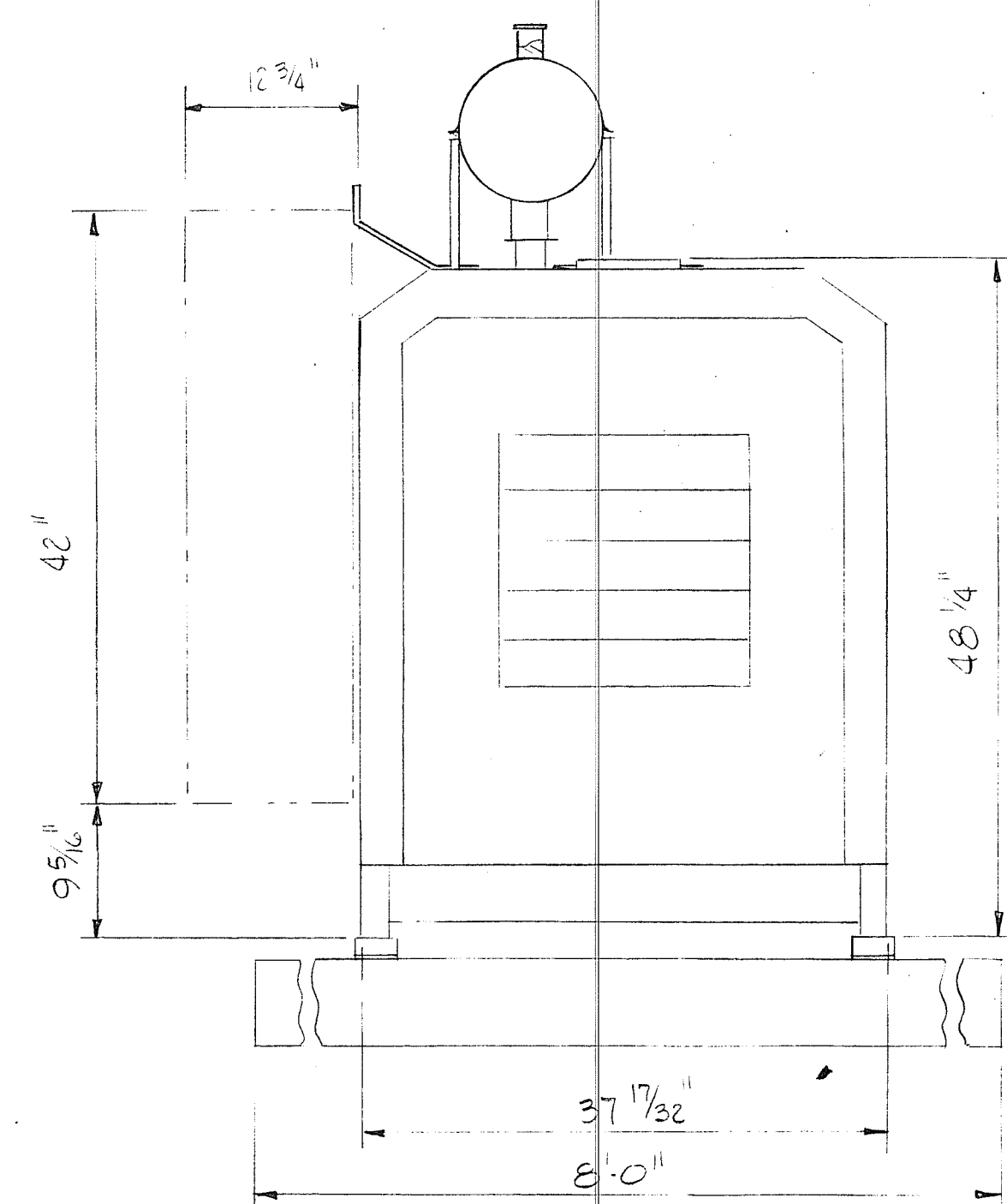


DETAIL 3

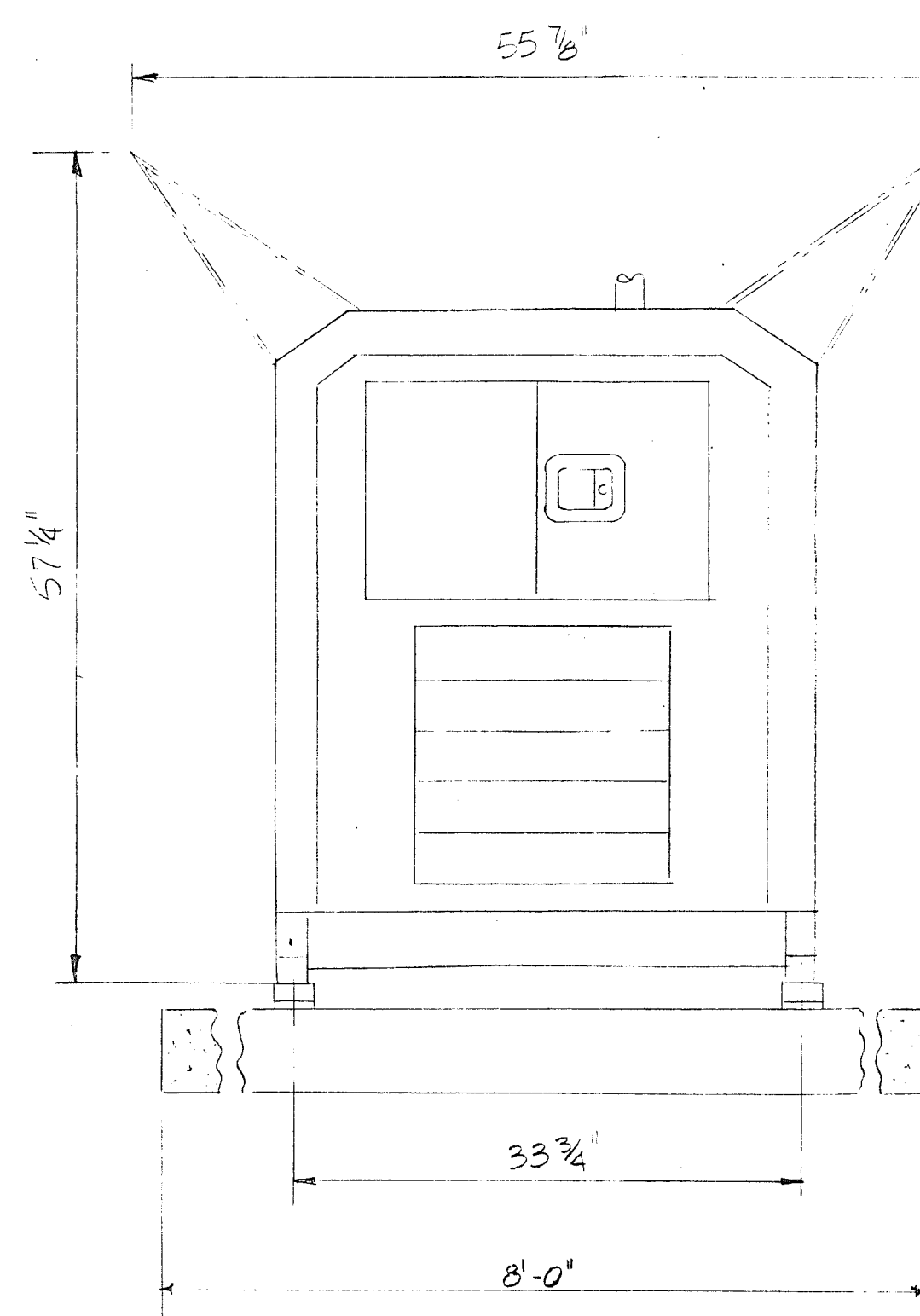
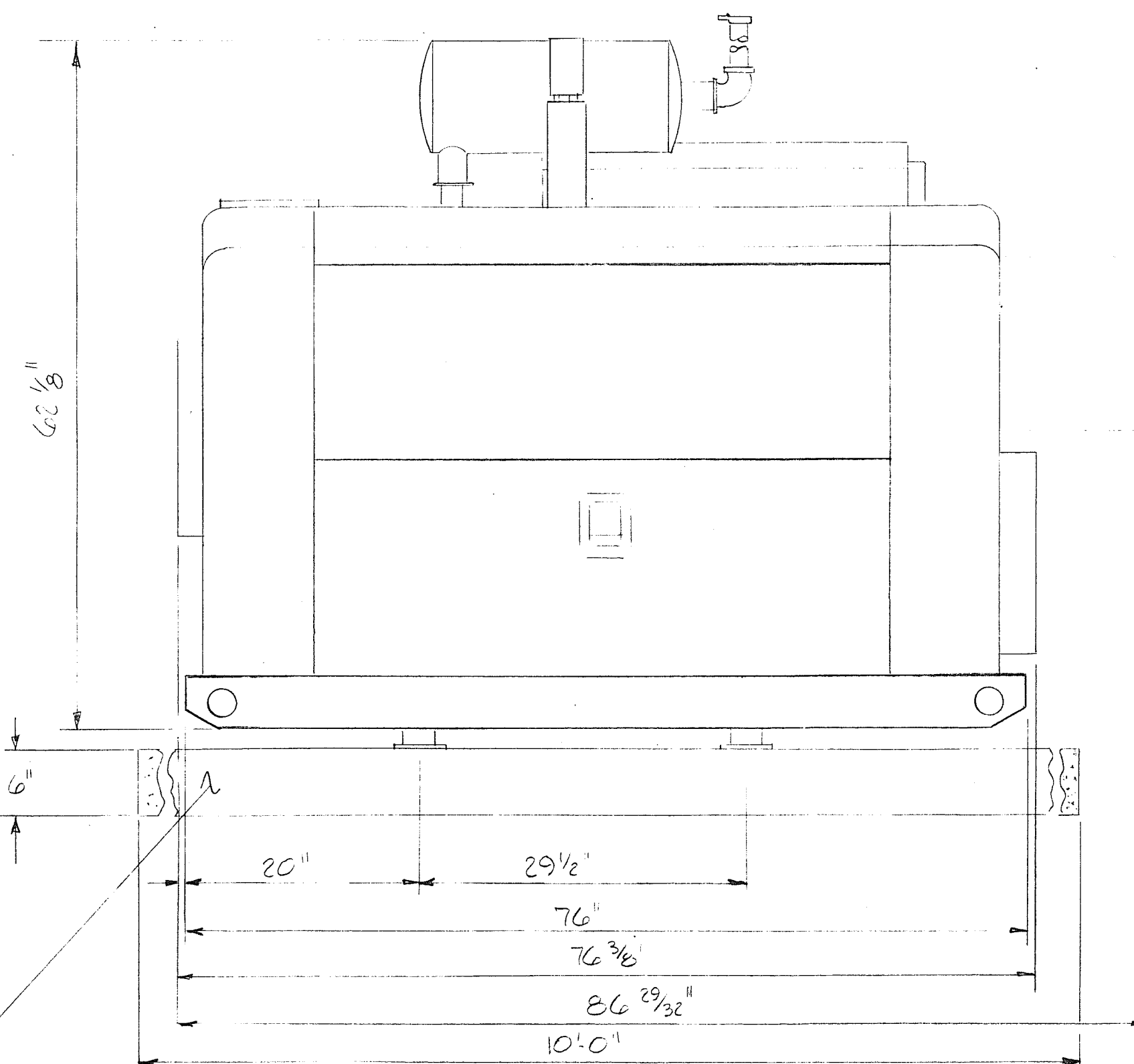


DETAIL 4

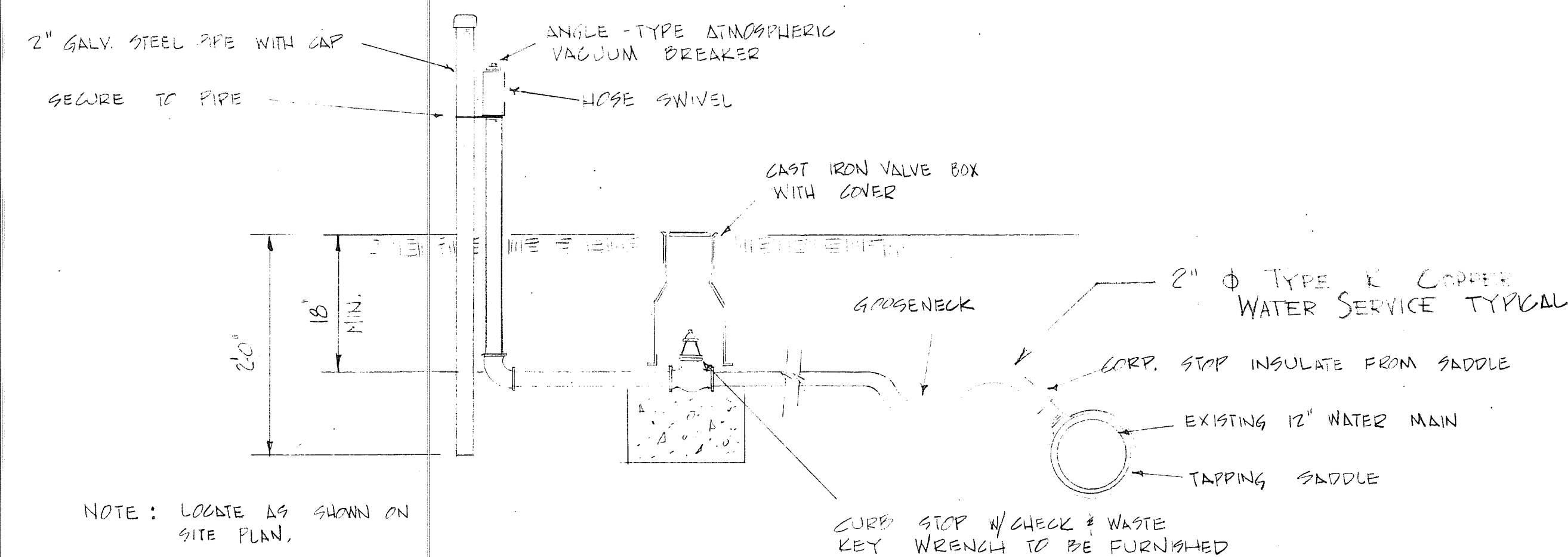
2/15/77 TO 7/5/77
SOL. 005 CL 7/5/77



POURED IN PLACE CONCRETE PAD
12' x 3' x 6"

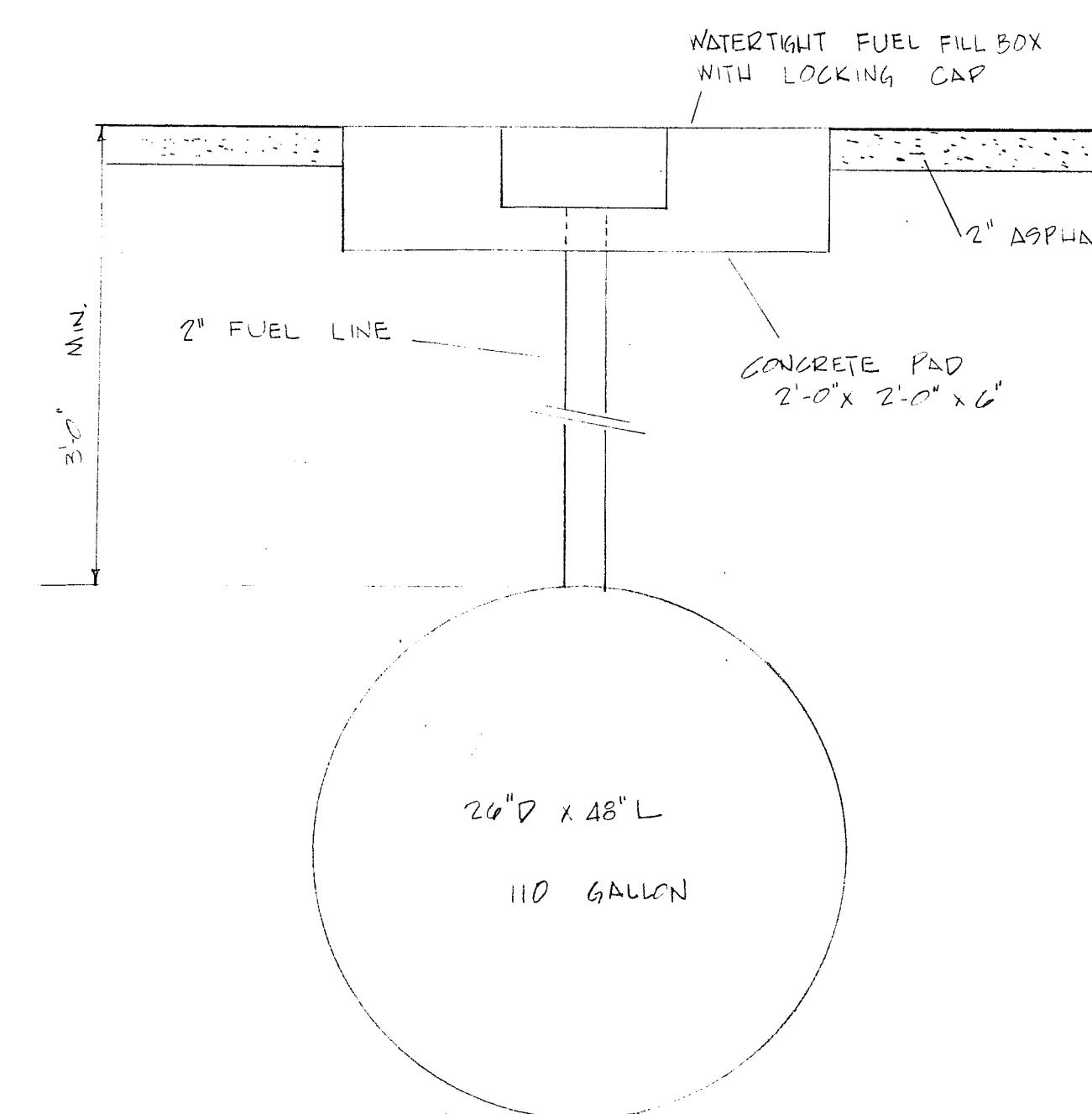


EMERGENCY GENERATOR TYPICAL

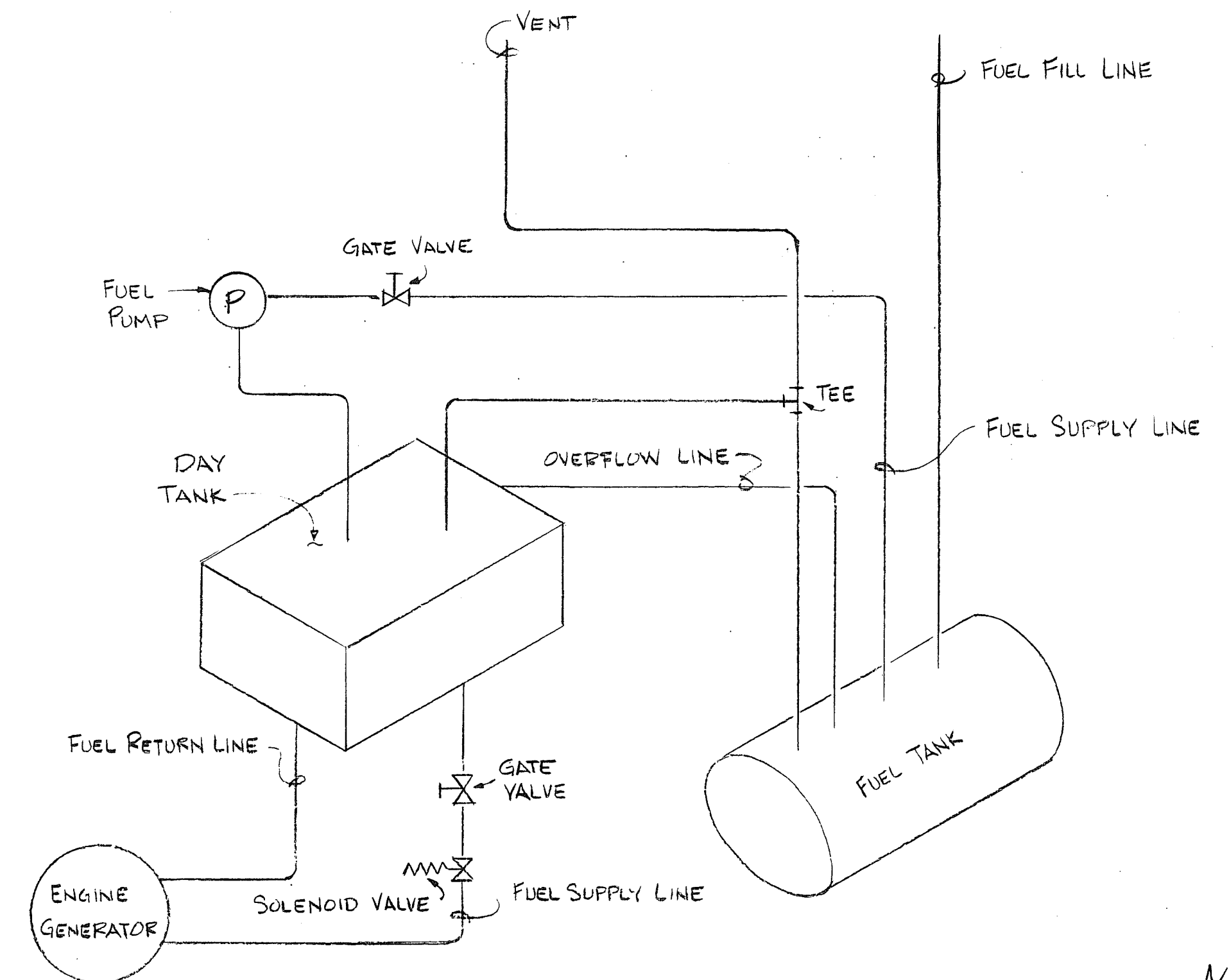


WATER SERVICE DETAIL

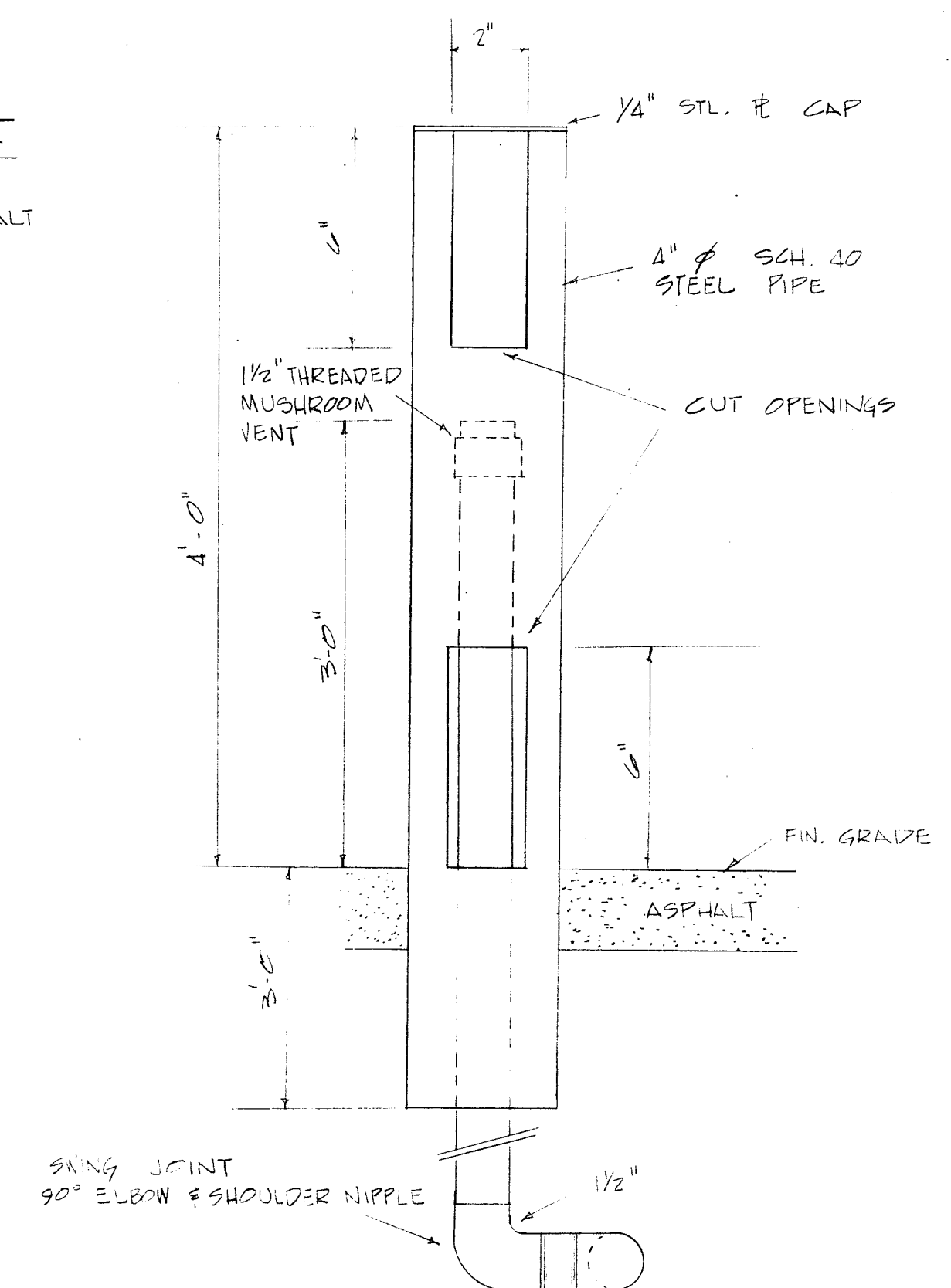
- NOTES:
- 6 INCHES COMPACTED DEPTH GRAVEL CLASS "B" TO BE PLACED UNDER CONCRETE PAD.
 - FINISHED CONCRETE AND ASPHALT GRADE TO MATCH.
 - CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 P.S.I. AT 28 DAYS.
 - GENERATOR DIMENSIONS DEPENDENT ON GENERATOR USED.



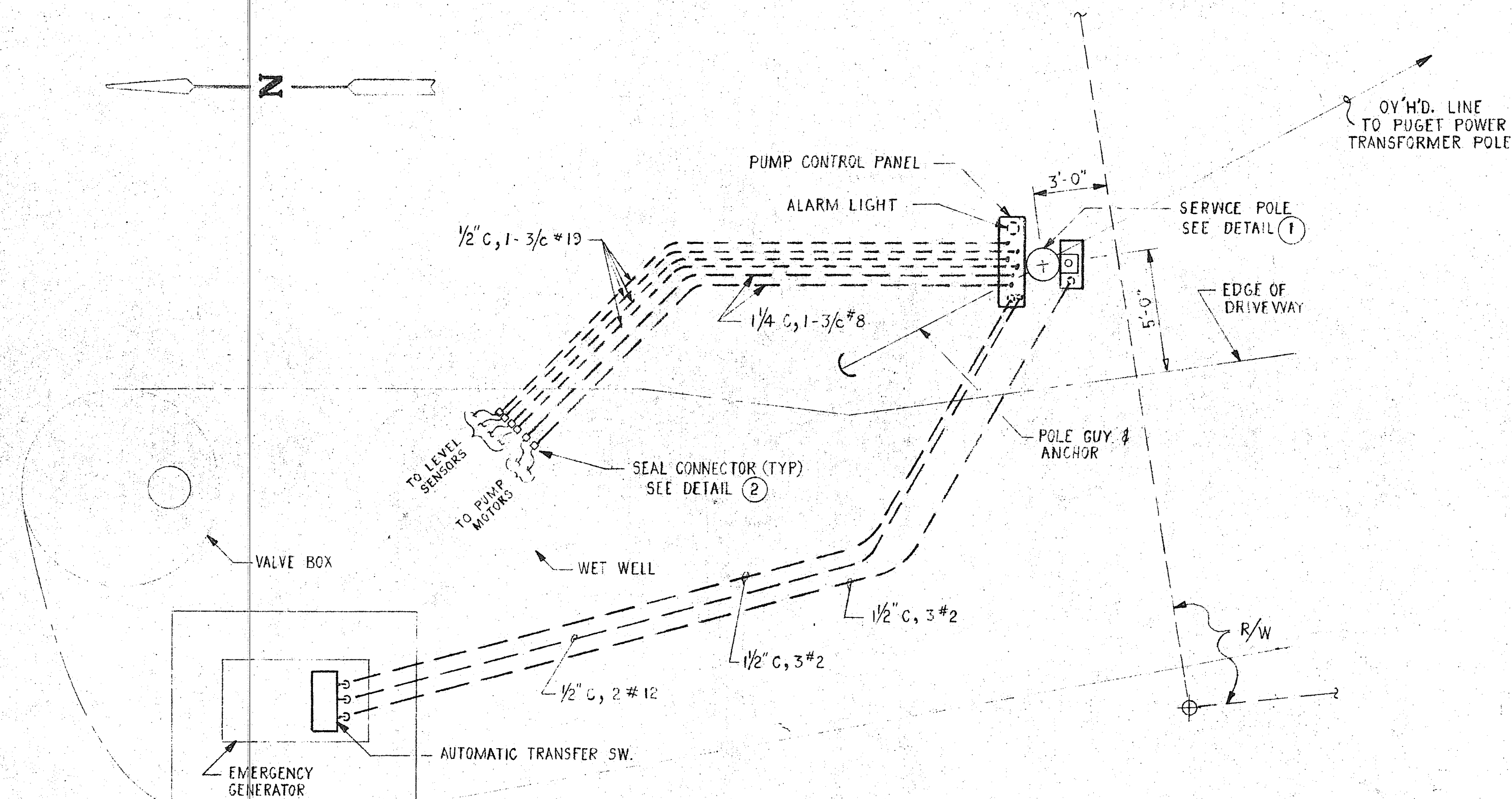
UNDERGROUND FUEL TANK & FILL DETAIL



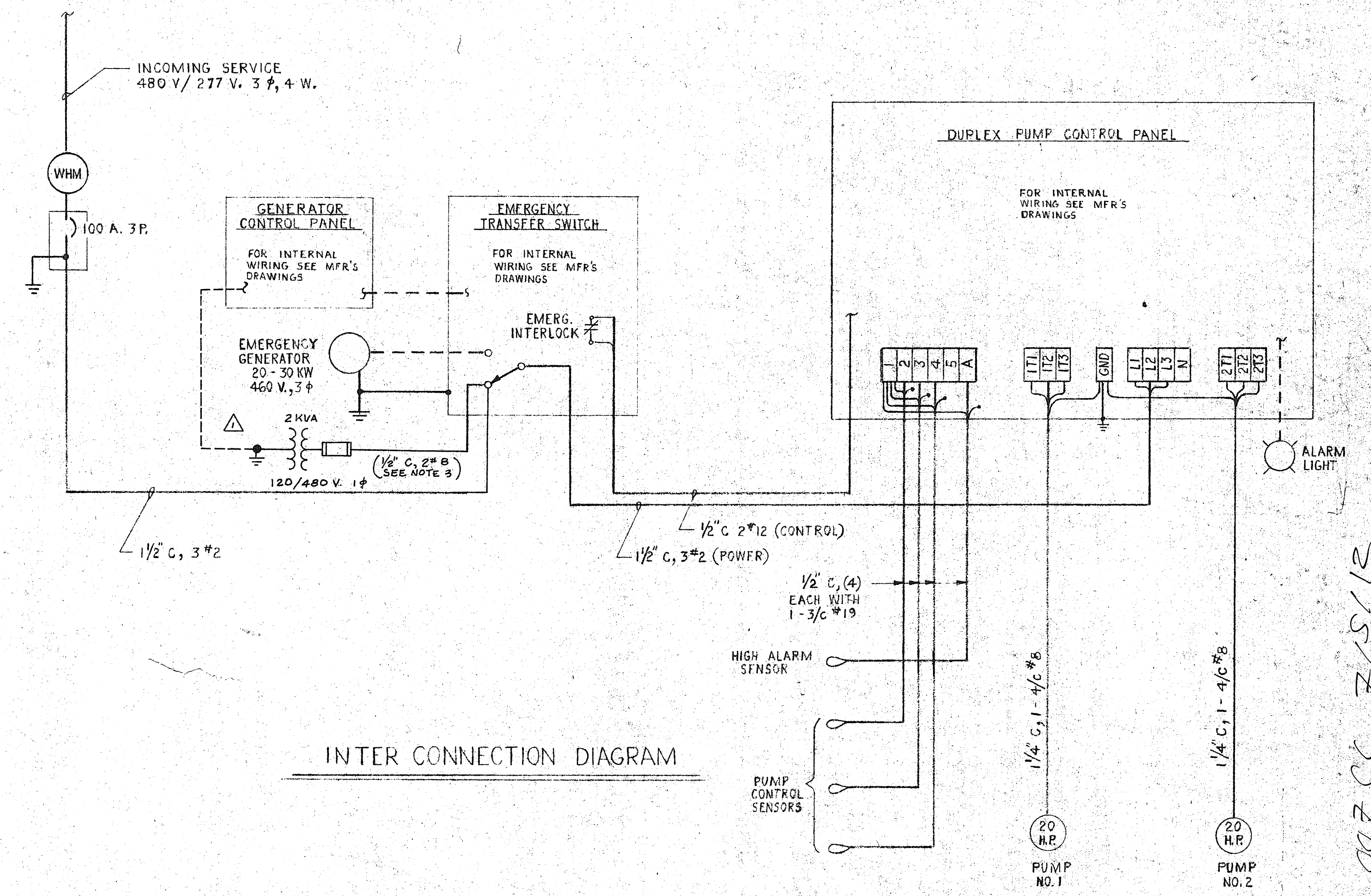
EMERGENCY GENERATOR SYSTEM FUEL PIPING SCHEMATIC DETAIL



UNDERGROUND FUEL TANK VENT DETAIL



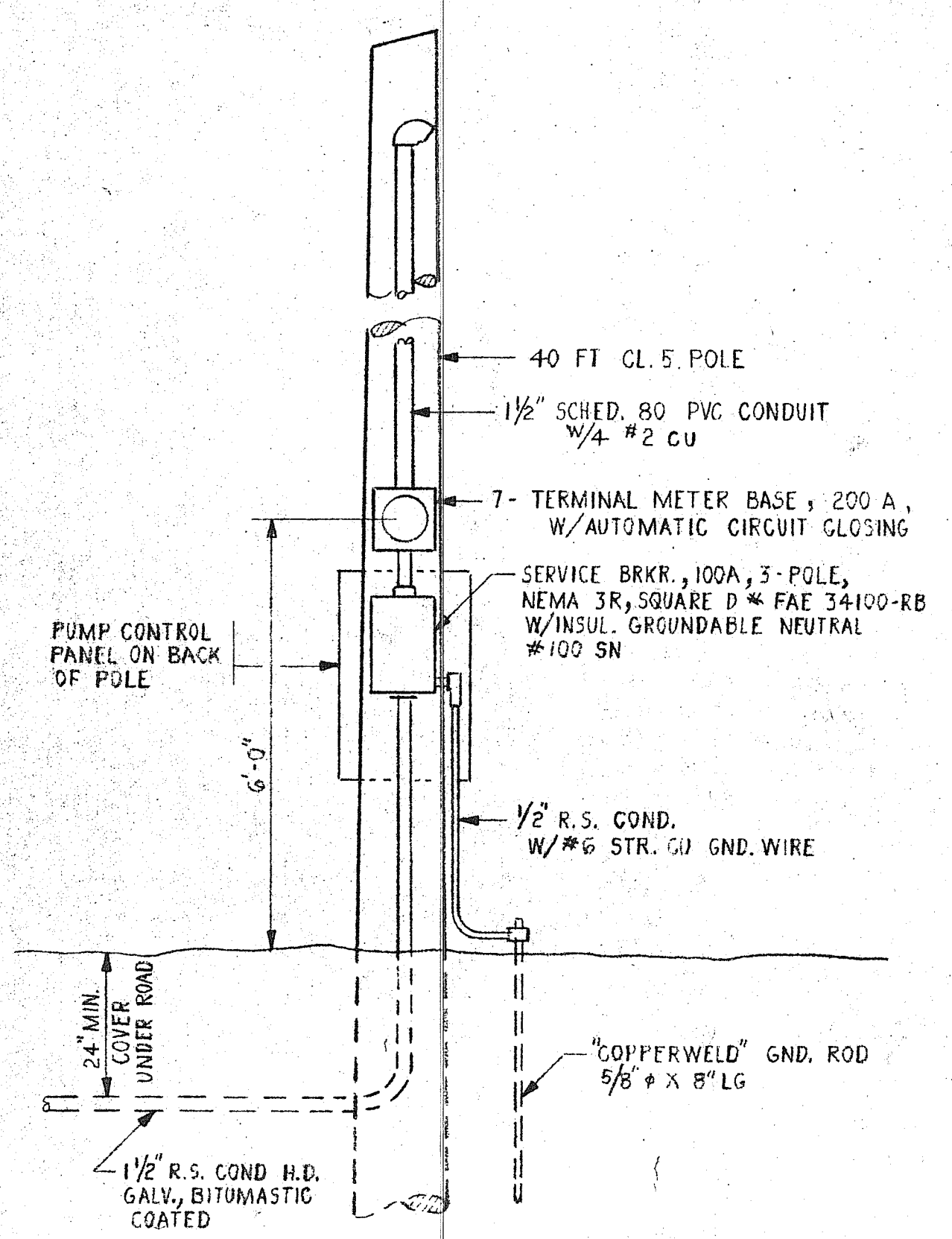
PLAN
SCALE: 1/4" = 1'-0"



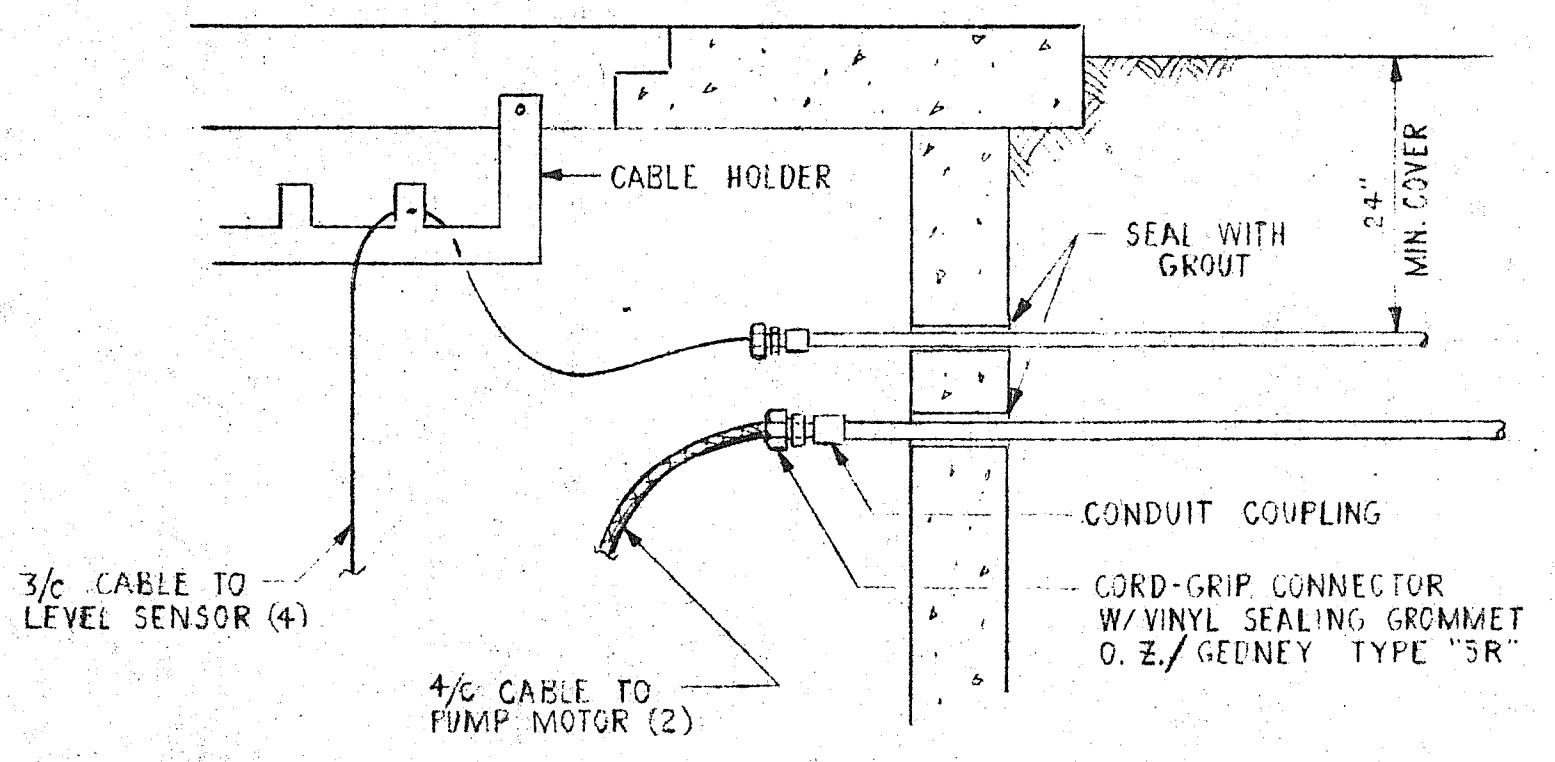
INTER CONNECTION DIAGRAM

NOTES:

1. REQUIREMENTS FOR ELECTRICAL MATERIALS ARE CONTAINED IN SPECIFICATIONS FOR "SEWAGE PUMP STATION TO SOUTH FERNDAL - U.L.I.D. NO. 4"
2. MULTI-CONDUCTOR CABLES FROM TERMINALS IN CONTROL PANEL TO PUMPS AND LEVEL SENSORS IN WET WELL ARE TO BE CONTINUOUS RUNS WITHOUT INTERMEDIATE CONNECTIONS OR OTHER IMPAIRMENT OF CABLE SHEATH INTEGRITY.
3. 2 KVA TRANSFORMER TO SUPPLY 120 V. TO HEATER LOADS & BATTERY CHARGER WILL BE FURNISHED AS PART OF THE ENGINE-GENERATOR UNIT. INSTALLATION CONTRACTOR SHALL CONNECT PRIMARY OF THIS TRANSFORMER TO THE INCOMING LINE TERMINALS OF THE TRANSFER SWITCH.

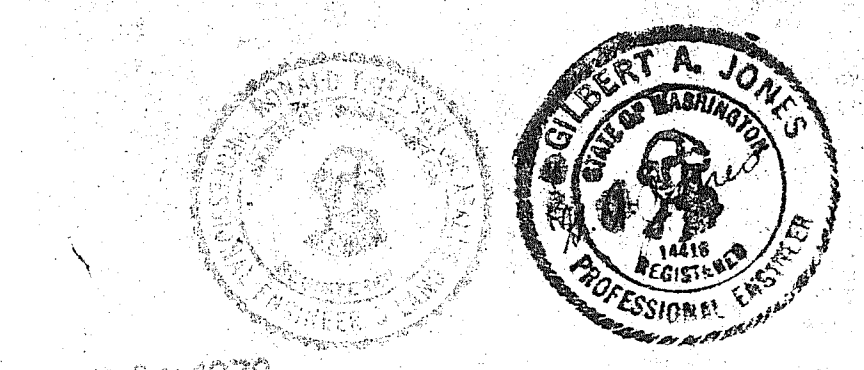


DETAIL 1
SERVICE EQUIPMENT



DETAIL 2
CONDUIT PENETRATIONS AT WET WALL

REVISED APRIL 2, 1978 ADDED 2 KVA TRANSFORMER TO SUPPLY 120 V. LOADS IN ENGINE-GENERATOR.



REV	DESCRIPTION	BY	APP	DATE
ANVIL CORPORATION P.O. BOX 1257 FERNDAL, WASHINGTON PHONE 384-1022				
FERNDAL U.L.I.D. #4				
SEWAGE PUMP STATION ELECTRICAL INSTALLATION				
DATE 1-25-78	DR. D.W.R.	ENGR. G. JONES	APPROVAL	
SCALE	JOB NO.	DWG. NO.	SHEET	REV
NOTED	77-641	641-P-1	6 OF 6	0

1502-007 CC 7/5/12