

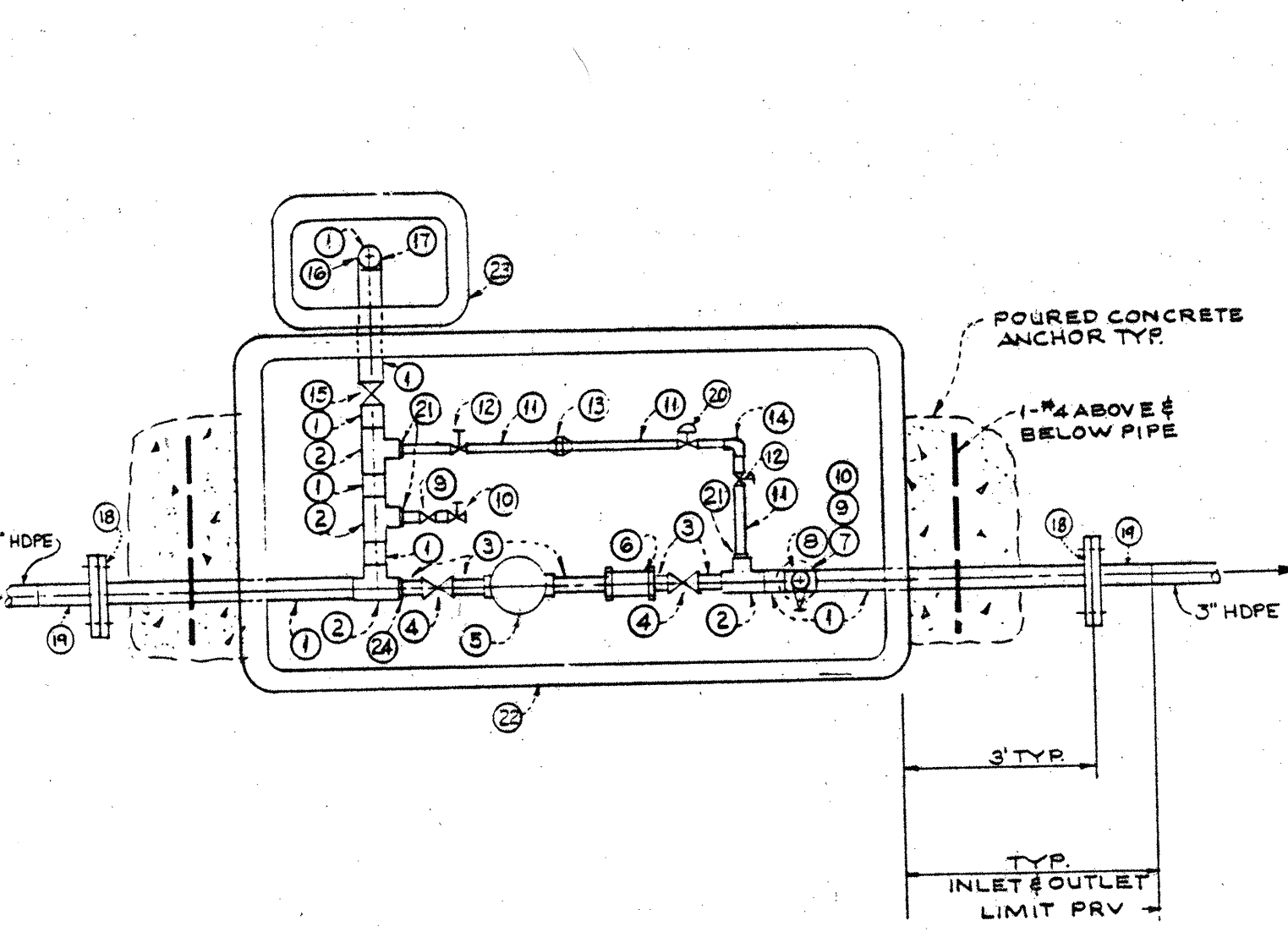
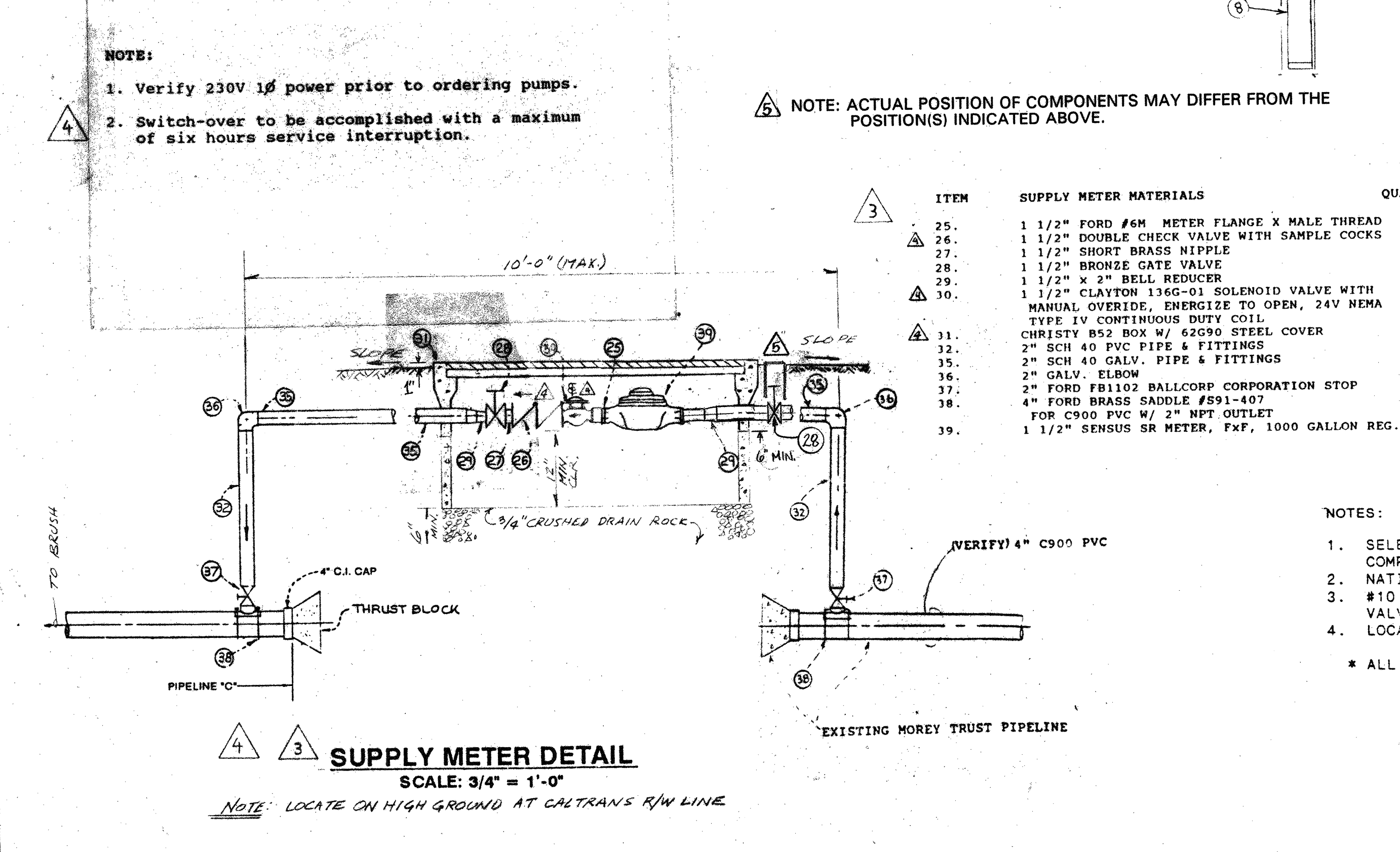
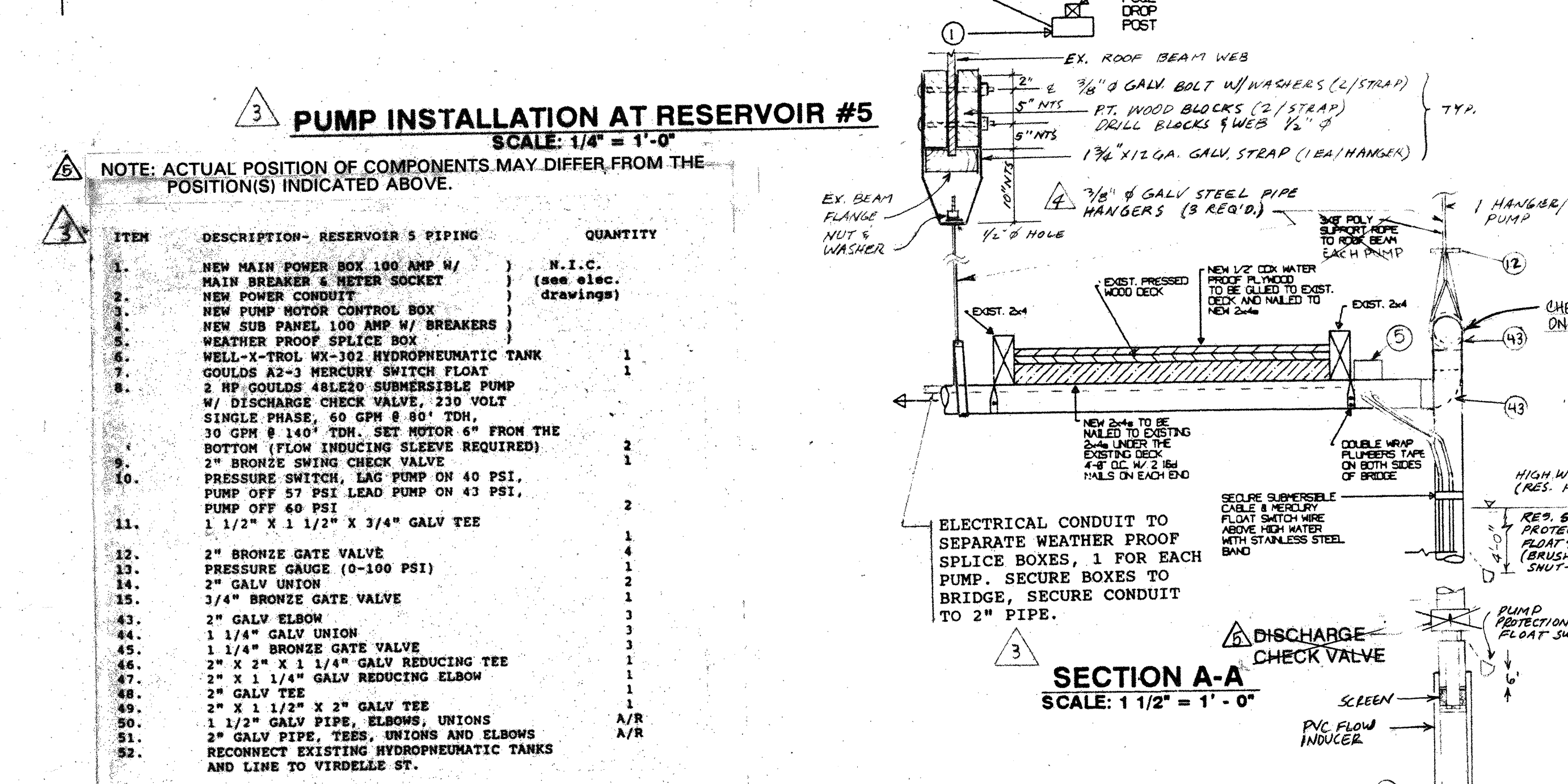
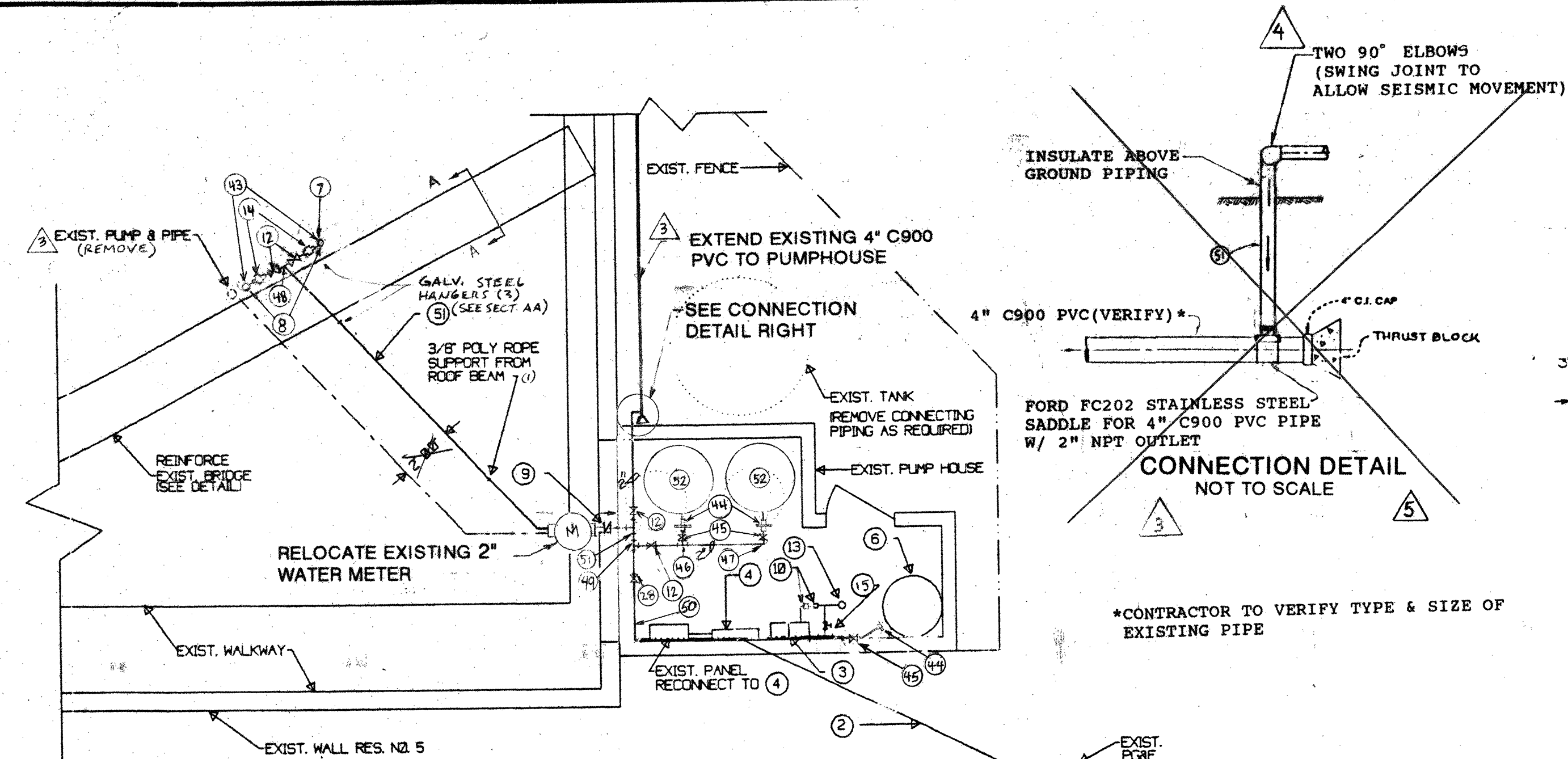
REVISIONS	BY
12/10/91 ISSUED FOR REVIEW	
3/18/92 ISSUED FOR BIDS	
7/15/92 TYPICAL SECTION	GLB
12/10/91 CHANGE ORDER NO. 1	GLB
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12/10/91 REVISION NO. 100	GLB

Binkley Associates
CONSULTING ENGINEERS
7746 SHARON DRIVE • SAN JOSE • CALIFORNIA 95129

WATER SUPPLY SYSTEM DETAILS

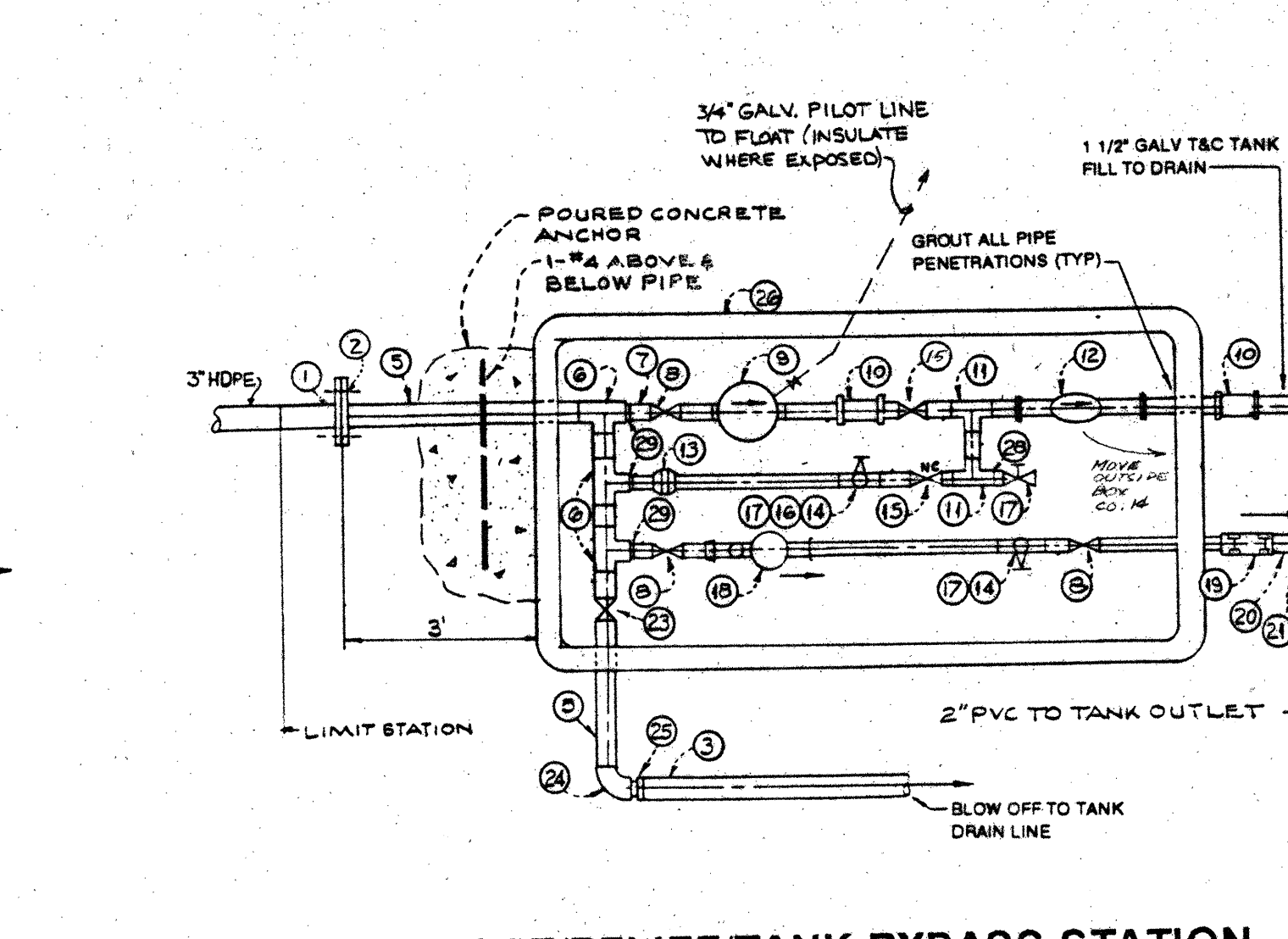
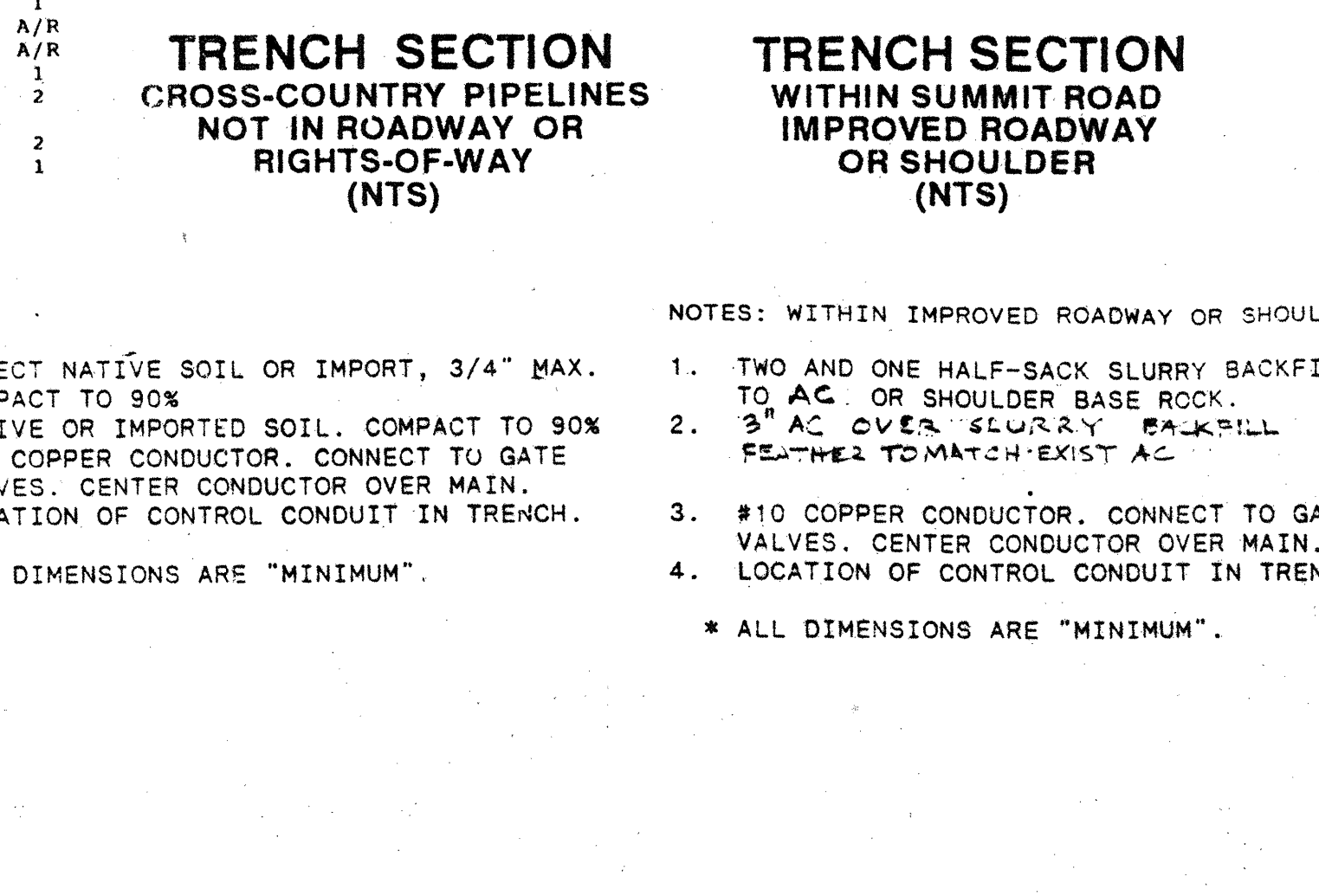
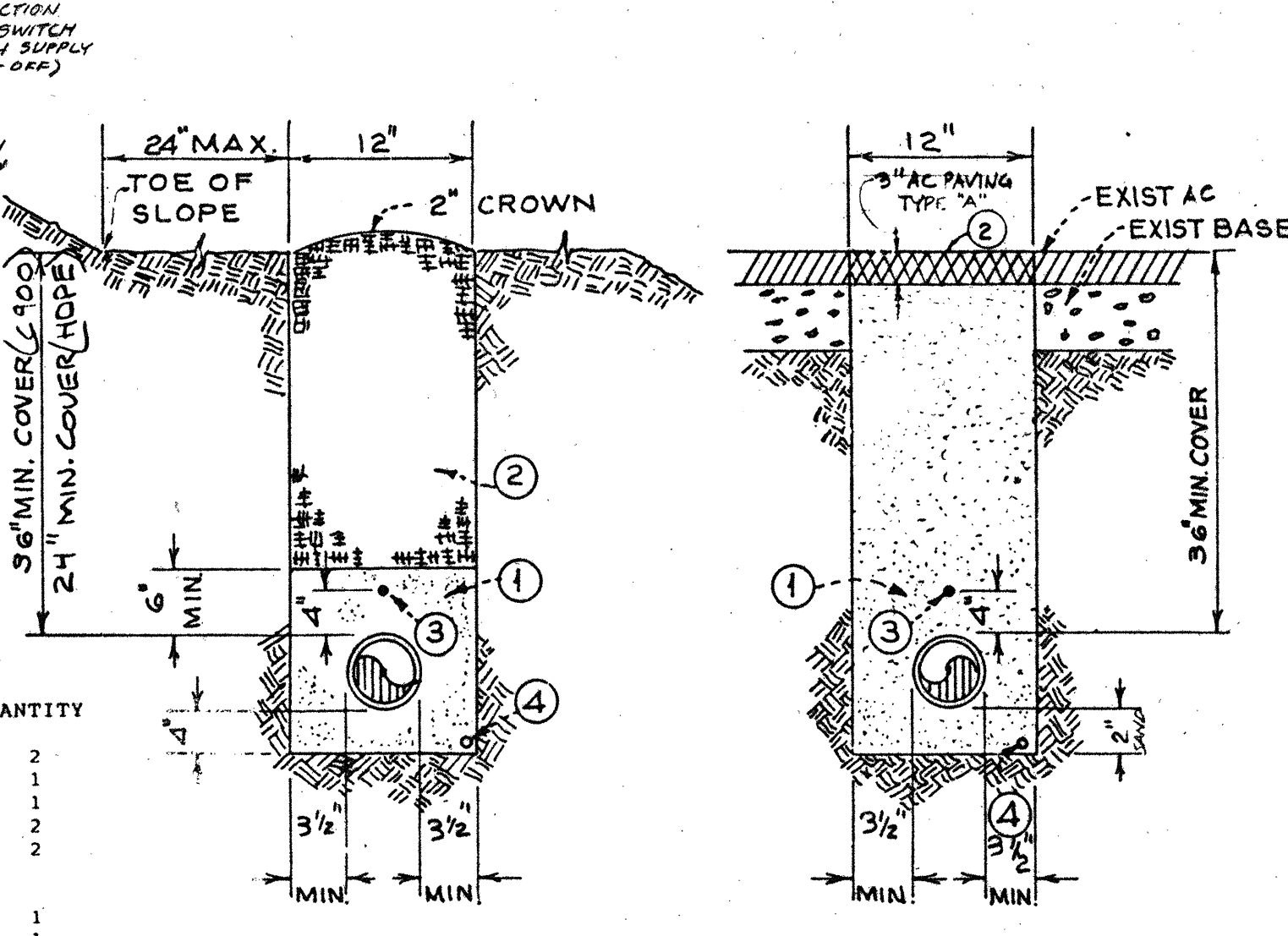
BRUSH & OLD WELL MUTUAL WATER CO.
REMEDIAL WATER SYSTEM

DATE: 12/08/91
SCALE: AS SHOWN
DRAWN: R.C.
JOB #: 22203
SHEET: 12
OF 12 SHEETS



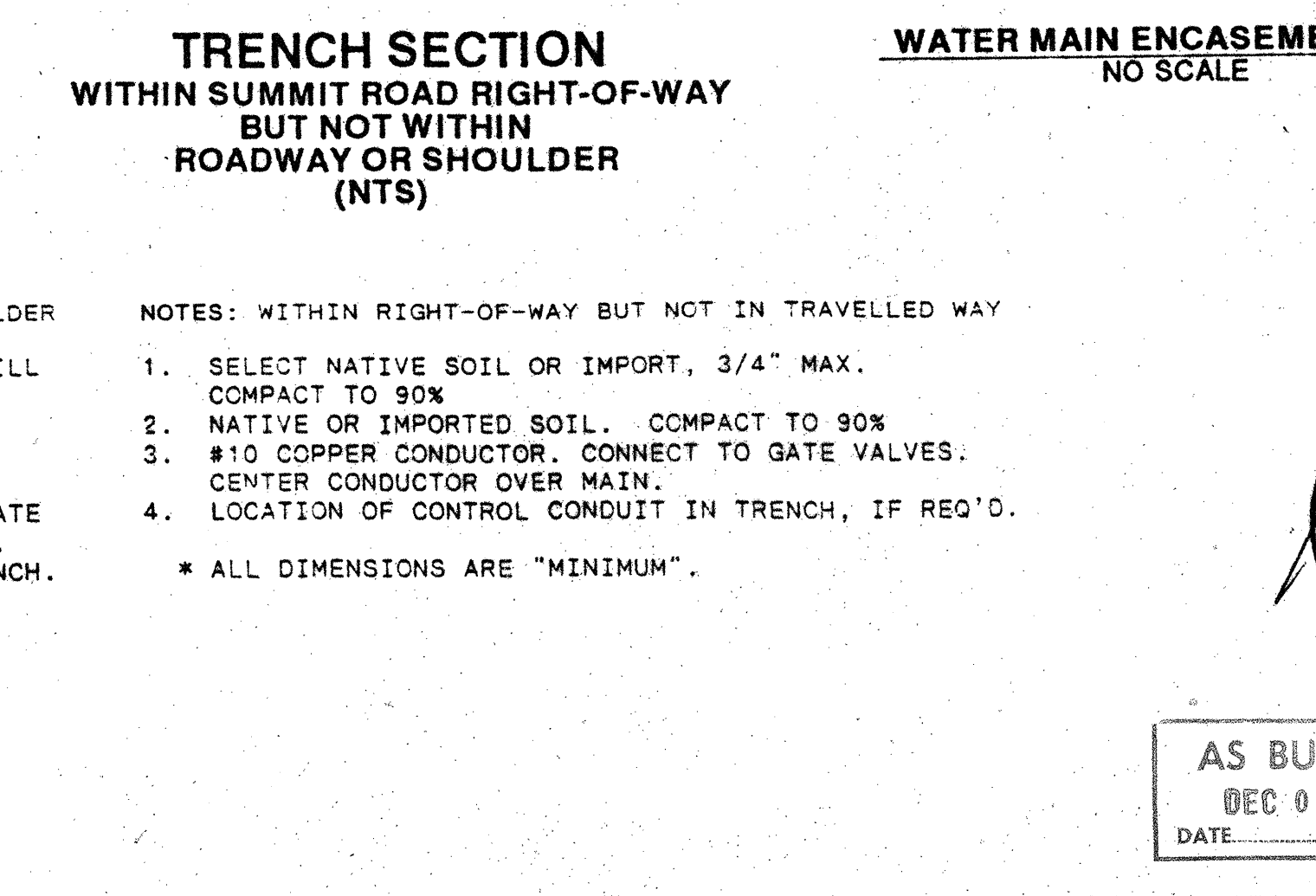
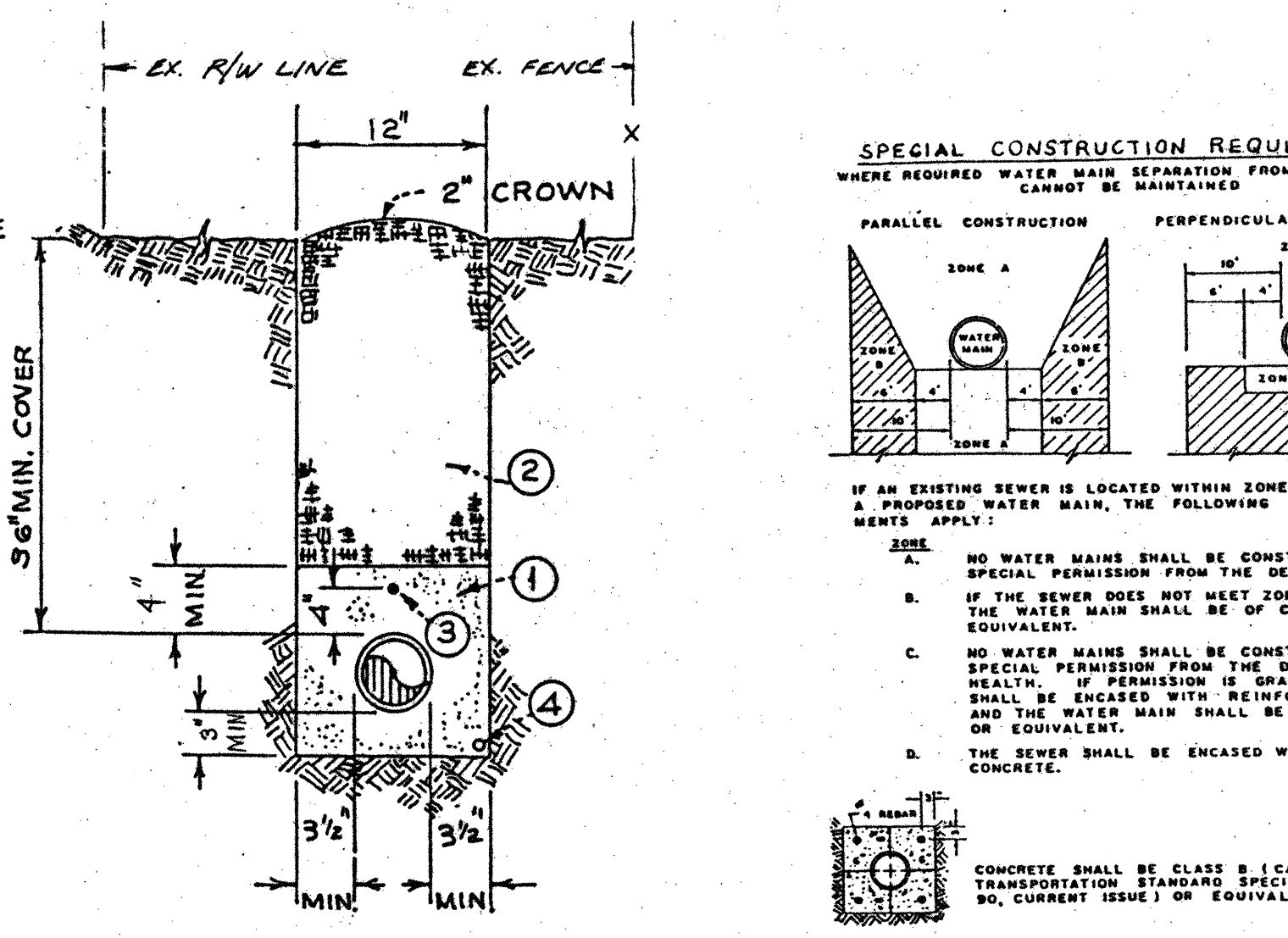
NOTE: ACTUAL POSITION OF COMPONENTS MAY DIFFER FROM THE POSITION(S) INDICATED ABOVE.

ITEM	DESCRIPTION	QUANTITY
1.	2" GALV PIPE, T & C	A/R
2.	2" GALV TEE	4
3.	1 1/2" GALV PIPE, T & C	A/R
4.	1 1/2" BRONZE GATE VALVE	2
5.	1 1/2" CLAYTON 92-01 PRESSURE REDUCING/SUSTAINING VALVE W/ PILOT TUBING SUPPLY STRAINER	1
6.	1 1/2" FLEX COUPLING	1
7.	1 1/2" TEE (VERTICAL POS.)	1
8.	3/4" AIR AND VACUUM VALVE	1
9.	3/4" GATE VALVE	2
10.	3/4" HOSE BIB	A/R
11.	1" GALV PIPE, T & C	1
12.	1" BRONZE GLOBE VALVE	1
13.	1" UNION	1
14.	1" GALV ELBOW	1
15.	2" BRONZE GATE VALVE	1
16.	2" GALV ELBOW	1
17.	2" CAP (HAND TIGHT)	1
18.	3" 150# COMPANION FLANGE TAPPED 2" NPT	2
19.	DRISCOPIPE 3" HDPE SDR 11 FLANGE ADAPTOR W/ 150# D.I. SLIP ON FLANGE	1
20.	1" WATTS USLP PRESSURE REDUCING VALVE	2
21.	1" X 2" GALV BUSHING	3
22.	CHRISTY B52 BOX W/ 2 EXTENSIONS AND SDR0 LID	1
23.	CHRISTY B3 BOX W/ D.O LID	1
24.	1 1/2" X 2" GALV BUSHING, SS	1



NOTE: ACTUAL POSITION OF COMPONENTS MAY DIFFER FROM THE POSITION(S) INDICATED ABOVE.

ITEM	DESCRIPTION	QUANTITY
1.	DRISCOPIPE 3" HDPE SDR 11 FLANGE ADAPTOR WITH 150# D.I. SLIP ON FLANGE	1
2.	3" 150# COMPANION FLANGE TAPPED 2" NPT	A/R
3.	2" GALV PIPE, T & C	3
4.	2" GALV TEE	A/R
5.	1 1/2" GALV PIPE, T & C	4
6.	1 1/2" BRONZE GATE VALVE	1
7.	1 1/2" CLAYTON NON-MODULATING FLOAT/PRESSURE RELIEF/PRESSURE SUSTAINING/THROTTLING VALVE, REMOTE FLOW W/ PILOT TUBING SUPPLY STRAINER	1
8.	1 1/2" FLEX COUPLING	2
9.	1 1/2" GALV TEE	1
10.	1 1/2" ALL BRONZE FLANGED MAGNETIC TOTALIZING METER	1
11.	1 1/2" UNION	1
12.	1 1/2" GALV TEE (VERTICAL POSITION)	1
13.	1 1/2" BRONZE GLOBE VALVE	A/R
14.	3/4" GATE VALVE	2
15.	3/4" HOSE BIB	1
16.	1 1/2" WATTS USLP PRESSURE REDUCING VALVE	1
17.	1 1/2" SCH 40 PVC PIPE	1
18.	1 1/2" X 2" PVC BUSHING, SS	1
19.	2" COUPLING, S	1
20.	2" BRONZE GATE VALVE	1
21.	2" GALV 90 DEGREE ELBOW	1
22.	2" SCREW MALE ADAPTOR	1
23.	CHRISTY B52 BOX W/ 2" NPT OUTLET	2
24.	4" SADDLE W/ 2" NPT OUTLET	1
25.	1" X 1 1/2" GALV BUSHING, SS	1
26.	1 1/2" X 2" GALV BUSHING, SS	3



SPECIAL CONSTRUCTION REQUIREMENTS
WHERE REQUIRED WATER MAIN SEPARATION FROM SANITARY SEWER CANNOT BE MAINTAINED

PARALLEL CONSTRUCTION

PERPENDICULAR CONSTRUCTION

IF AN EXISTING SEWER IS LOCATED WITHIN ZONE A, B, C, OR D OF A PROPOSED WATER MAIN, THE FOLLOWING SPECIAL REQUIREMENTS APPLY:

ZONE A: NO WATER MAINS SHALL BE CONSTRUCTED WITHOUT SPECIAL PERMISSION FROM THE DEPARTMENT OF HEALTH.

ZONE B: IF THE SEWER DOES NOT MEET ZONE A REQUIREMENTS THE WATER MAIN SHALL BE OF CLASS 200 PIPE OR EQUIVALENT.

ZONE C: NO WATER MAINS SHALL BE CONSTRUCTED WITHOUT SPECIAL PERMISSION FROM THE DEPARTMENT OF HEALTH. IF PERMISSION IS GRANTED, THE SEWER SHALL BE ENCASED WITH REINFORCED CONCRETE AND THE WATER MAIN SHALL BE OF CLASS 200 PIPE OR EQUIVALENT.

ZONE D: THE SEWER SHALL BE ENCASED WITH REINFORCED CONCRETE.

CONCRETE SHALL BE CLASS B, CALIF. DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, SECTION 90, CURRENT EDITION, OR EQUIVALENT.

WATER MAIN ENCASEMENT DETAIL
NO SCALE

NOTES:

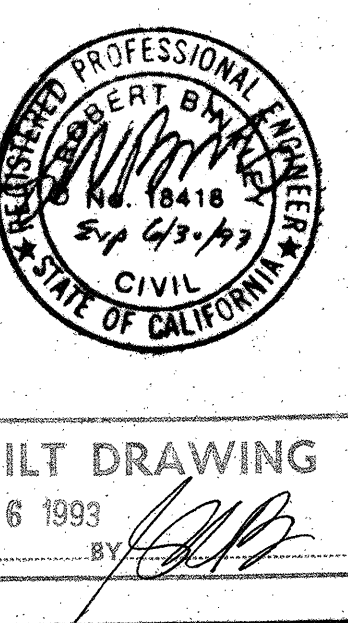
1. SELECT NATIVE SOIL OR IMPORT, 3/4" MAX. COMPACT TO 90%.

2. NATIVE OR IMPORTED SOIL. COMPACT TO 90%.

3. #10 COPPER CONDUCTOR. CONNECT TO GATE VALVES. CENTER CONDUCTOR OVER MAIN.

4. LOCATION OF CONTROL CONDUIT IN TRENCH, IF REQ'D.

* ALL DIMENSIONS ARE "MINIMUM".



AS BUILT DRAWING
DEC 06 1993
DATE: BY: [Signature]