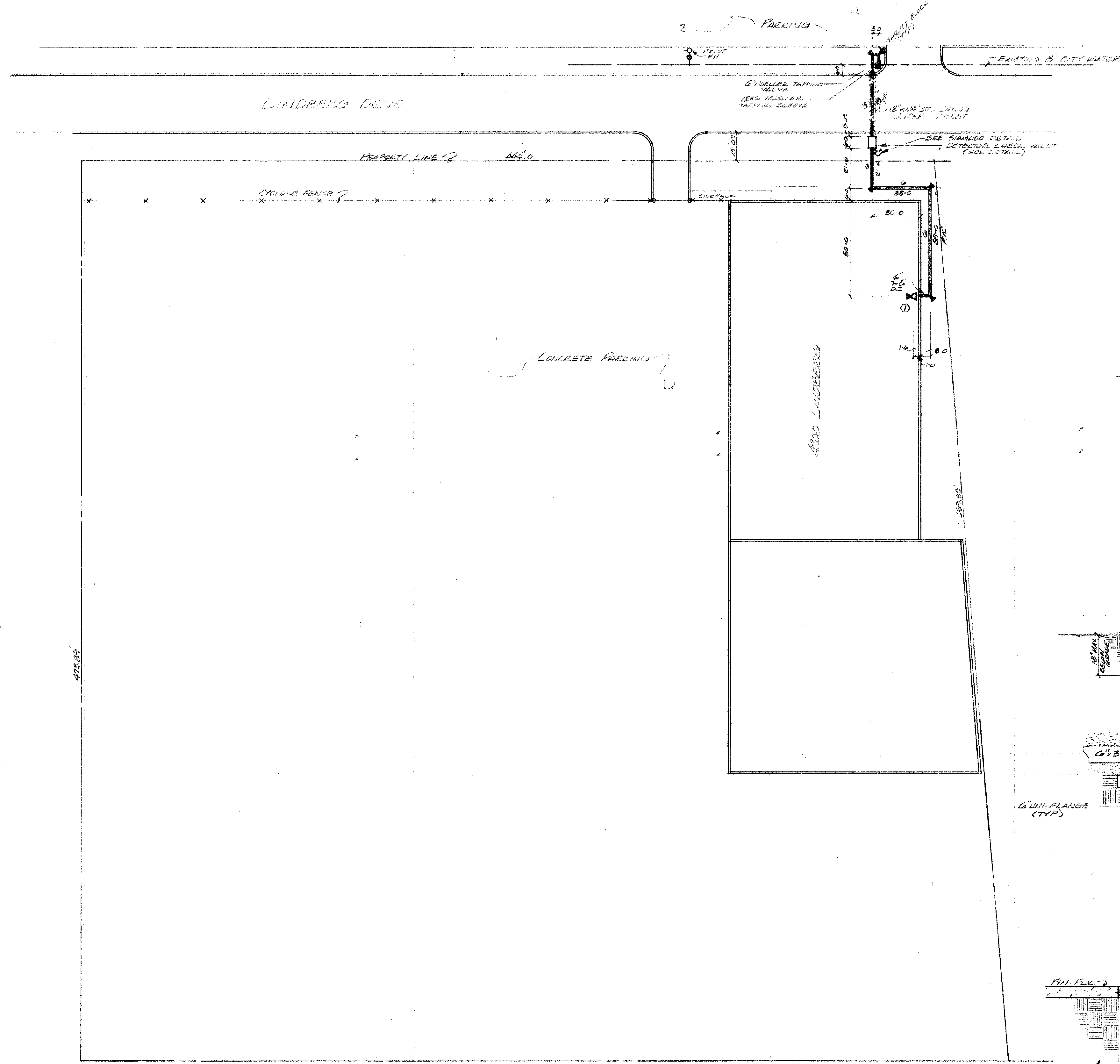
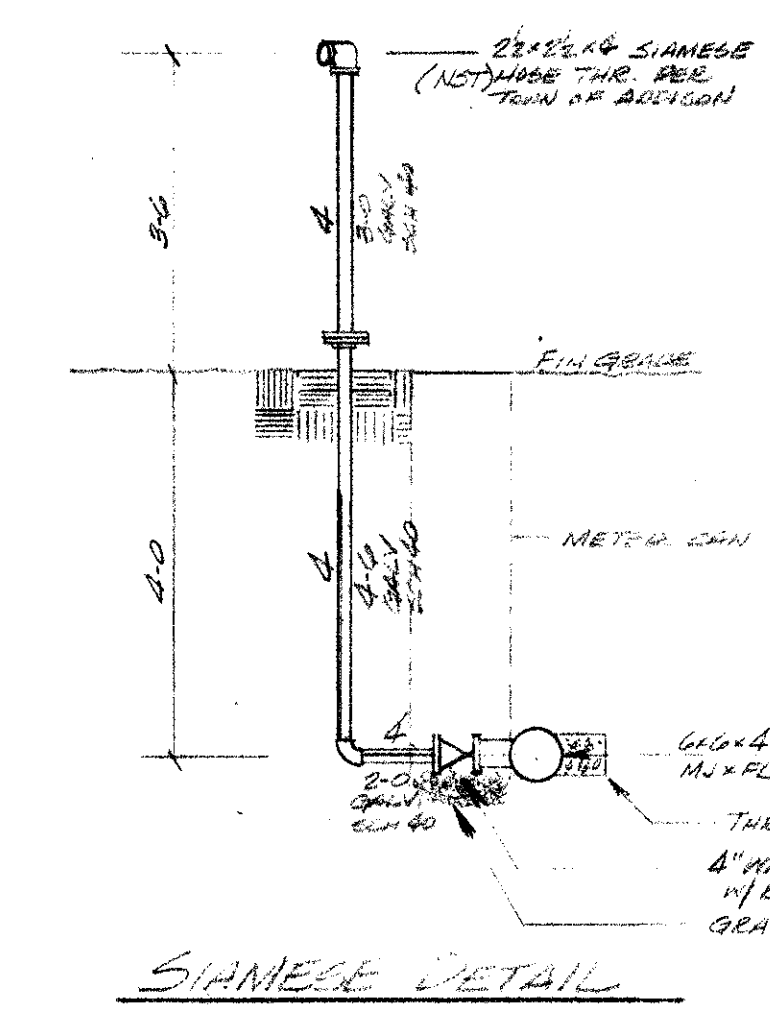


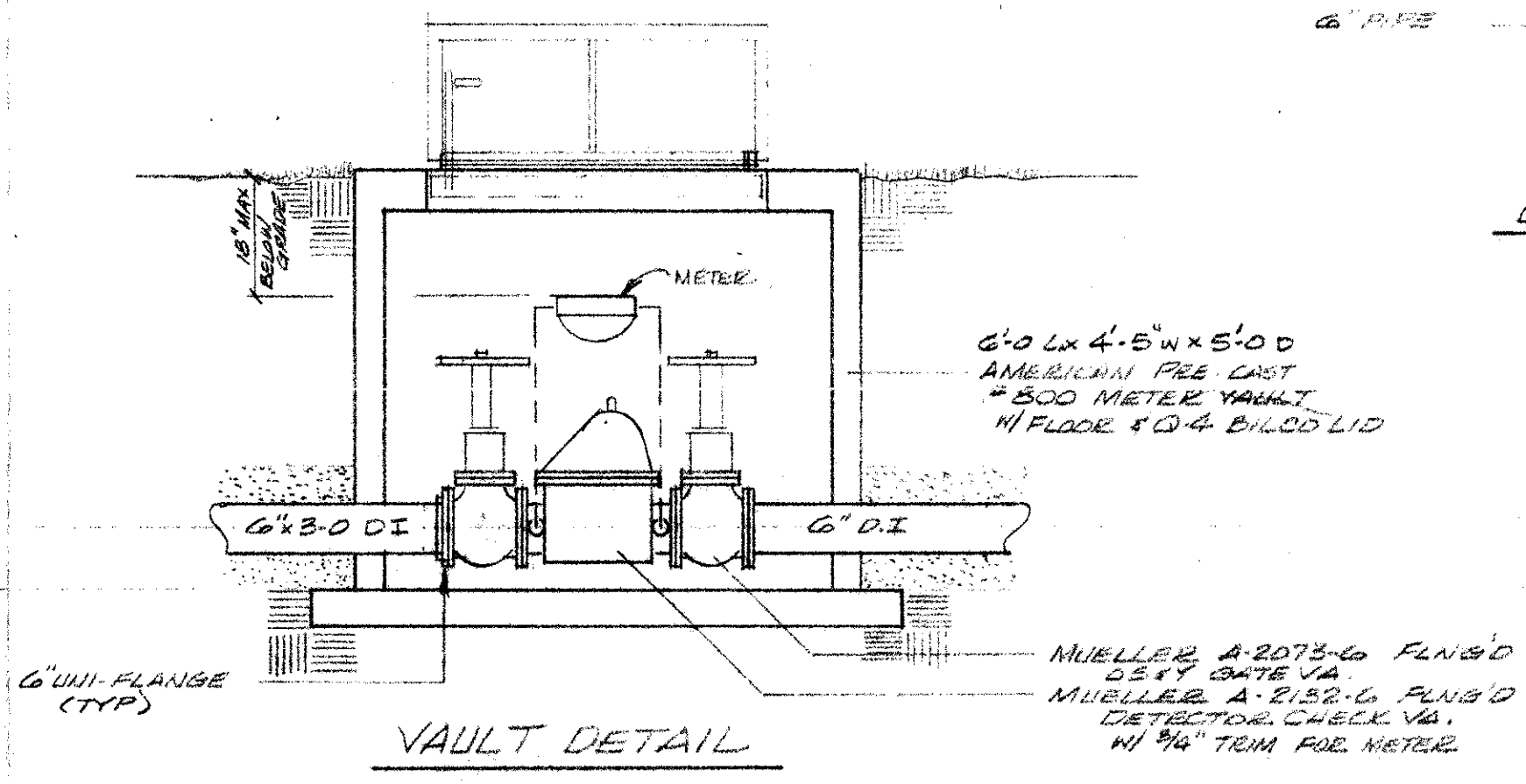
400 LINDBERG
 FLOW TEST: 85 PSI STATIC
 2700 GPM FLOW
 1 1/2" INLET
 DATE: 3-21-80
 BY: ADDISON P.D.



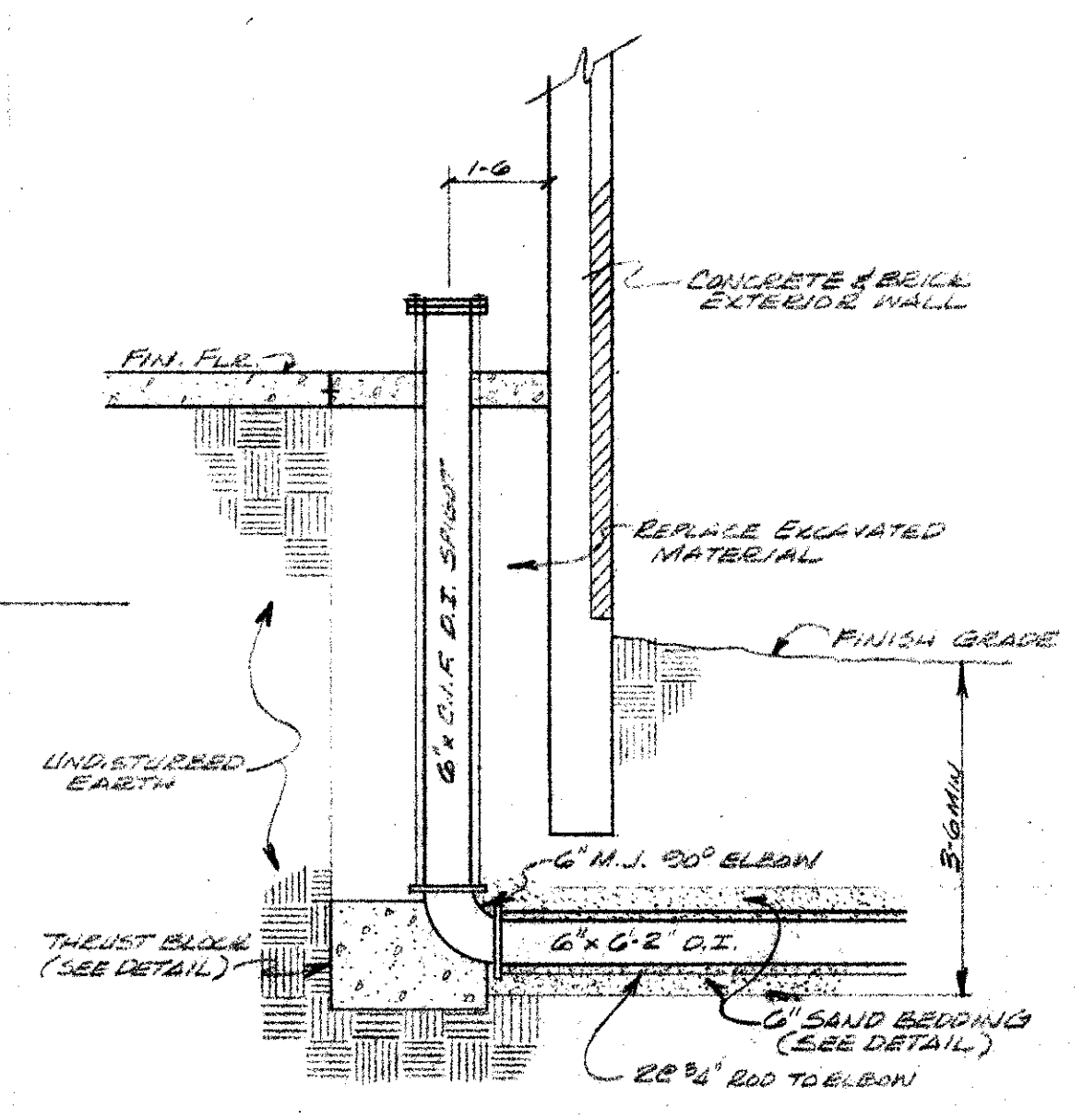
SITE PLAN
 SCALE - 1" = 30'



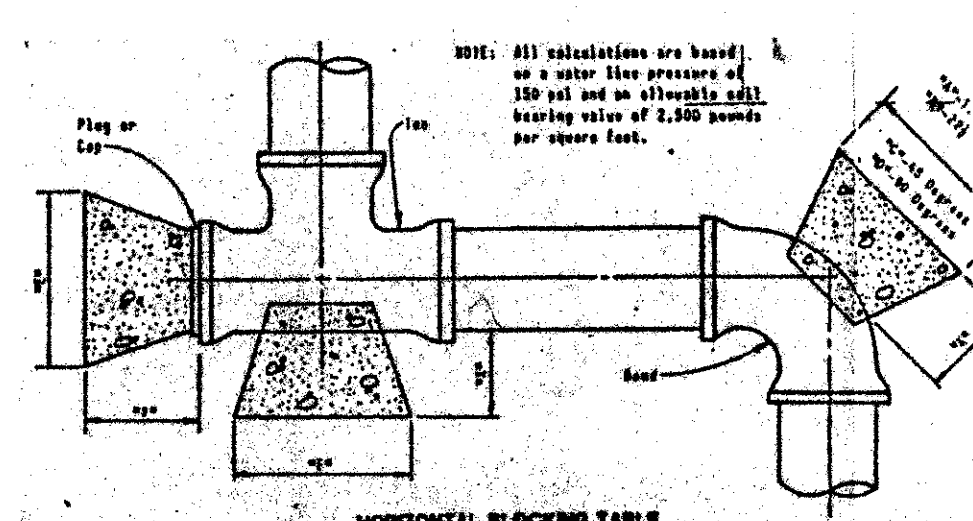
SIAMMEE DETAIL



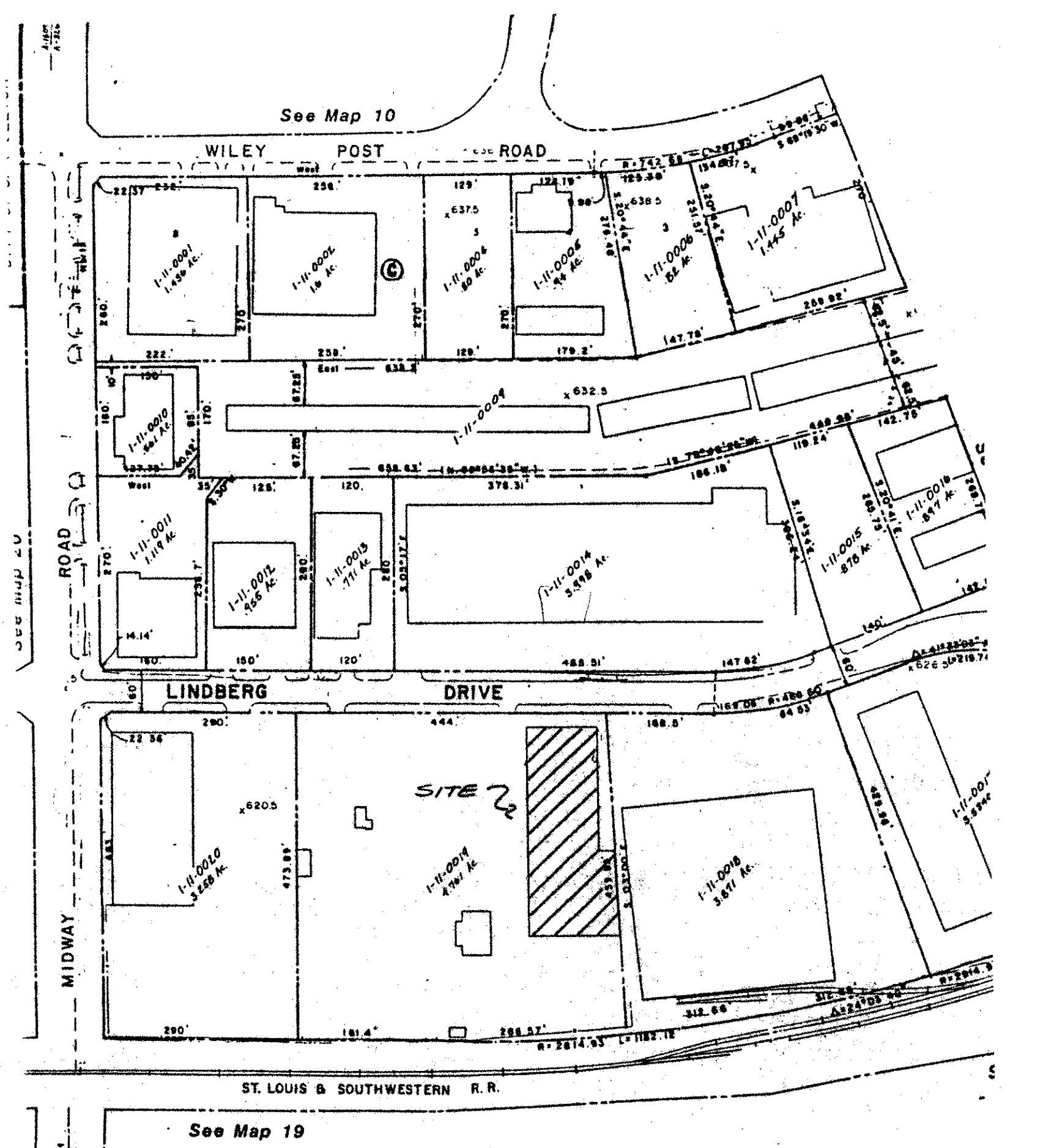
VAULT DETAIL



SPIGOT DETAIL
 SCALE 1/2" = 1'-0"



BEDDING DETAIL



VICINITY MAP

UNDERGROUND NOTES

- All design, materials, fabrication, and installation shall be in accordance with NFPA standards 13 and 24.
- Piping noted "D.I." shall be class 51, ANSI/AWWA C150/A21.50 "Tyton Joint" ductile iron pipe, as manufactured by McWane Pipe Co. Piping noted "PVC" shall be AWWA C-900, Class 150 (DR 15), polyvinyl chloride pipe as manufactured by Certainteed, or John Mansville "Blue Brute".
- All underground fittings shall be UL Listed, standard ductile iron mechanical joint fittings, Class 250 meeting AWWA C110-71, C111-71 and ANSI A21.10, A21.11 as manufactured by Trinity Valley Iron and Steel Co.
- All D.I. pipes and fittings shall be cleaned and poly-wrapped and rods, nuts and bolts shall be coated with asphaltic or bituminous corrosion resistant coating.
- All underground fittings shall be properly restrained using concrete thrust blocks and/or rodding according to sizes and details prescribed by NFPA 24.
- Tapping Valves shall be Mueller Mod # H-667 NBS with roadway box. Tapping sleeve shall be Mueller Mod # H-615.
- Bedding and backfill material shall be free-draining sand, placed six (6) inches below pipe, on each side of pipe, and above pipe.
- A No. 12 plastic coated copper wire shall be placed in the trench over water line. The wire will be tied to all valves and extend to six inches above grade along the outside of valve stacks.
- Thrust blocks shall cure for no less than 24 hours before testing.
- Underground piping shall be hydrostatically tested in accordance with NFPA 24 standards. Tests shall be witnessed by a representative of the Town Of Addison Utilities Dept. and of the Owner.
- After testing and backfill, the new piping shall be thoroughly flushed through an open pipe until the water is clear and free of debris. Flushing shall be witnessed by representatives of the Town of Addison and of the Owner.

HORIZONTAL BENDING TABLE

Pipe Size	Pipe Weight	45 Degree				60 Degree				90 Degree			
		Min. Spacing	Max. Spacing	Min. Spacing	Max. Spacing	Min. Spacing	Max. Spacing	Min. Spacing	Max. Spacing				
1/2"	1.2	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
3/4"	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
1"	2.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
1 1/2"	3.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
2"	4.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
2 1/2"	5.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
3"	6.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
3 1/2"	7.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
4"	8.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
4 1/2"	9.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
5"	10.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
5 1/2"	11.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
6"	12.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
6 1/2"	13.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
7"	14.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
7 1/2"	15.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
8"	16.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
8 1/2"	17.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
9"	18.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
9 1/2"	19.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5
10"	20.0	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5	1.0	1.5

NOTE: All calculations are based on a pipe line pressure of 150 psi and an allowable soil bearing value of 1,500 pounds per square foot.
 The minimum vertical clearance of all fittings shall be 18 inches.
 The pipe diameter shall be 1/2 inch less than the pipe diameter marking both above and below the pipe centerline. This clearance determines the 90 degree fit (see detail).
 For 2 1/2", 4", 6", and 8" and above, the vertical clearance shall be equal to the horizontal clearance plus 6 inches to provide the required clearance.
 All clearance notes are in square feet.

HANGERS		ESCUTCHEONS		SPRINKLERS		APPROVALS BY:	
NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	DATE	BY
1	C CLAMP, ROD & RING	9	DROP-IN ANCHOR, EYE ROD & RING			1-28-80	TR AC BUILT
2	TOP BEAM CLAMP, ROD & RING	10	DROP-IN ANCHOR, ROD & RING				
3	JHOOK, EYE SOCKET, ROD & RING	11	SPRING TOGGLE, ROD & RING				
4	WASHER, NUT, ROD & RING	12	BASE PLATE, ROD & RING				
5	LAG SCREW, EYE ROD & RING	13	UHOOK				
6	COACH SCREW ROD & RING	14	CLOSE CLIP				
7	STUD, EYE ROD & RING	15	HOSE RACK HANGER				
8	STUD, ROD COUPLING, ROD & RING	16	TRAPEZE BAR				

CONTRACT WITH OWNER	
COMPANY:	CECO CORPORATION
CONTACT:	TERREY BROWN
ADDRESS:	ONE TRINITY LAKE
CITY:	ONE BRIDGE TERRACE, TX 75081
PHONE:	
SHEET TITLE:	PLAT PLAN & DETAILS

DATE: 3-28-80	
SCALE:	VARIABLE
JOB NO.:	89130
SHEET 1 OF 2	
DESIGNER:	
PROJECT MGR.:	
DATE:	3-28-80
BY:	ONE-DIBB

CECO WAREHOUSE
 4200 LINDBERG
 ADDISON, TEXAS

FIRE POWER SYSTEMS, INC.

1164 RUGGLES DRIVE
 SUITE B
 GRAND PRAIRIE, TX 75050
 METRO 214-847-8172
 SCR0172