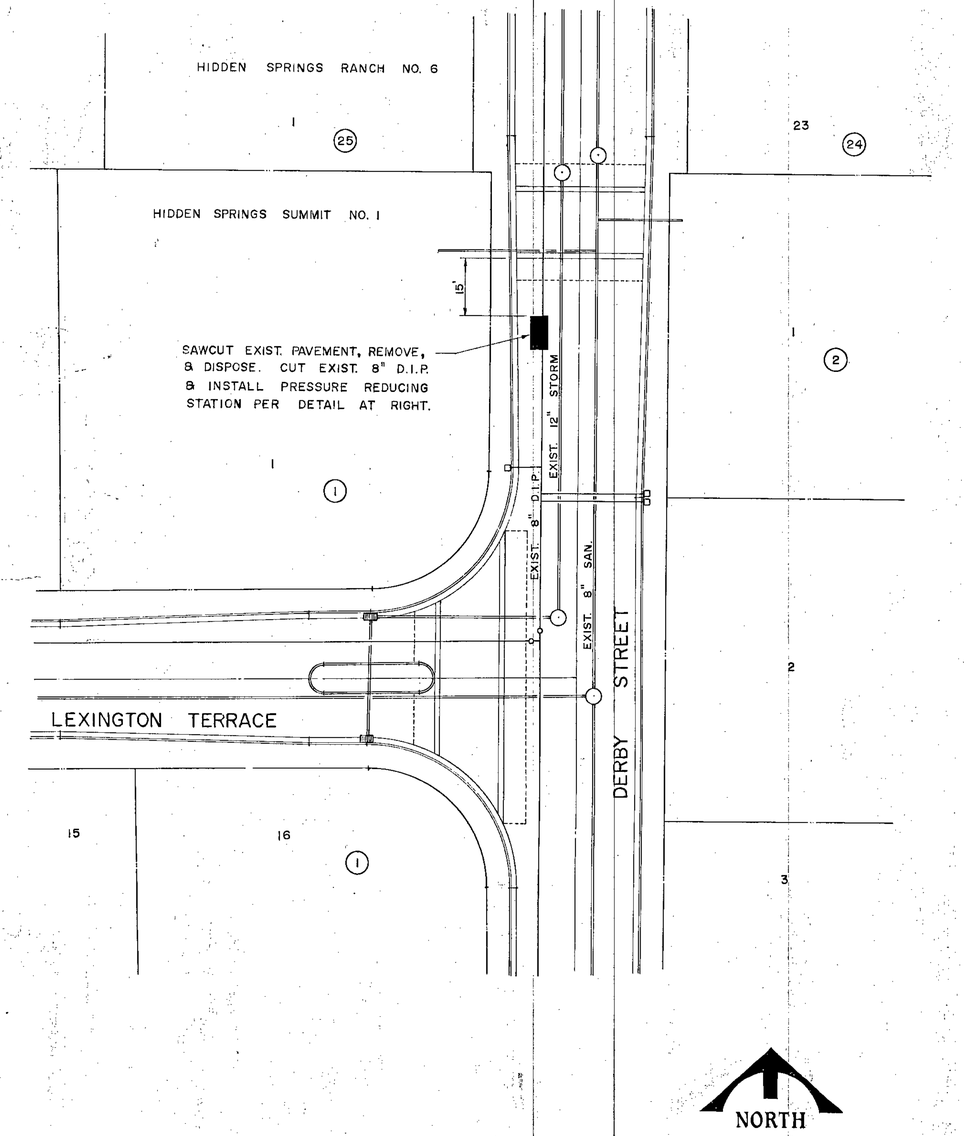
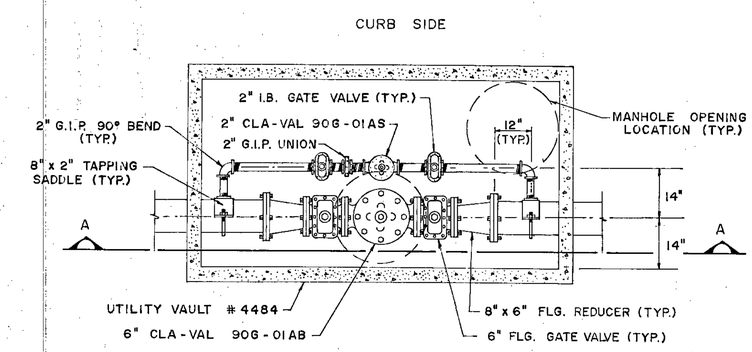
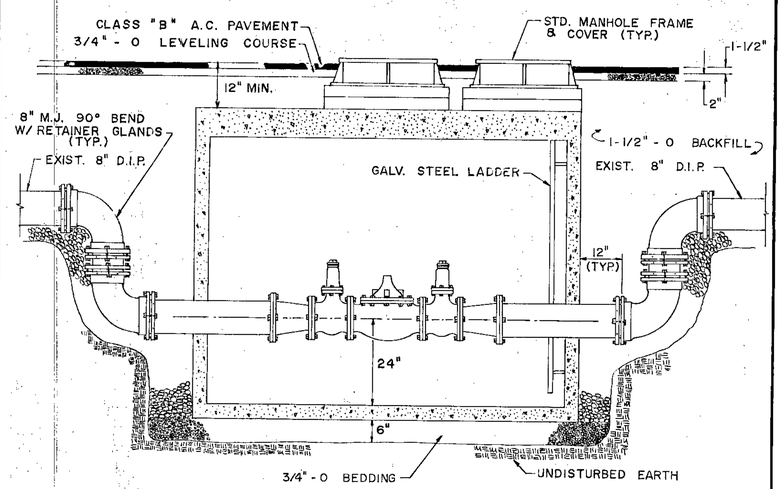


HORIZONTAL PLAN

SCALE - 1" = 20'



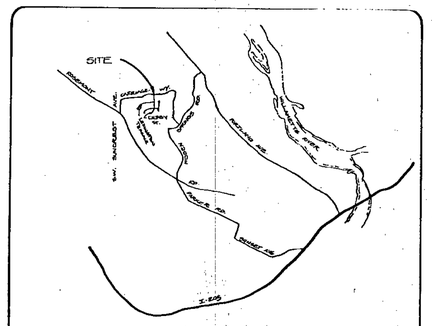
PLAN



SECTION A-A

PRESSURE REDUCING STATION DETAIL

N.T.S.



VICINITY MAP

NOTES:

1. All work shall conform to the requirements of the City of West Linn.
2. Sawcut existing pavement one (1) foot beyond limits of excavation, remove, and dispose of off the project site.
3. Excavation may be disposed of on the site by spreading evenly on the adjacent lots.
4. Bedding for vault shall be moisture conditioned to ± 2% of optimum and compacted to 95% of the relative maximum density, as determined by AASHTO T-99 using hand operated mechanical compaction equipment.
5. Backfill shall be placed in maximum one (1) foot lifts, moisture conditioned to ± 2% of optimum and compacted to 95% of the relative maximum density, as determined by AASHTO T-99, using hand operated mechanical compaction equipment.
6. Manhole frames shall be set to the proper cross-slope and graded one and one-half (1½) inches above the existing pavement surface.
7. MJ Retainer Gland set screws shall be tightened to a minimum torque of 75 foot-pounds after joint assembly.
8. Contractor shall determine his own quantities for preparation of his proposal.
9. Utilities shown are from record. Contractor shall call for locates, perform excavations ahead of the work, or provide any other measures necessary to locate and protect existing underground utilities.

MATERIAL LIST

Item No.	Description	Units	No. Units
1.	Vault, Utility Vault Co. # 4484, or Equal:	EA.	1
2.	Standard manhole frame and cover:	EA.	2
3.	Ladder, galvanized steel:	EA.	1
4.	8", MJ with retainer glands, 90° bend:	EA.	4
5.	8" x 6" Flg. reducer:	EA.	2
6.	6" Flg. gate valve:	EA.	2
7.	6" Flg. pressure reducing valve, CLA-VAL 90G-01 AB:	EA.	1
8.	8" x 2" tapping saddle:	EA.	2
9.	2", I.P. threaded, 90° bend:	EA.	2
10.	2", I.P. threaded, I.B. gate valve:	EA.	2
11.	2", I.P. threaded, union:	EA.	1
12.	2", I.P. threaded, pressure reducing valve, CLA-VAL 90G-01 AS:	EA.	1
13.	2" G.I. Pipe:	LF	9.5
14.	8" D.I. pipe, class 52:	LF	9.5
15.	3/4" -0 crushed rock bedding and leveling course:	CY	as req'd.
16.	1½" -0 crushed rock backfill	CY	as req'd.
17.	Class "B", asphaltic concrete:	Ton	as req'd
18.	Sawcut, remove, and dispose of existing pavement:	SY	as req'd.
19.	Excavation and disposal of excavated material:	CY	as req'd.