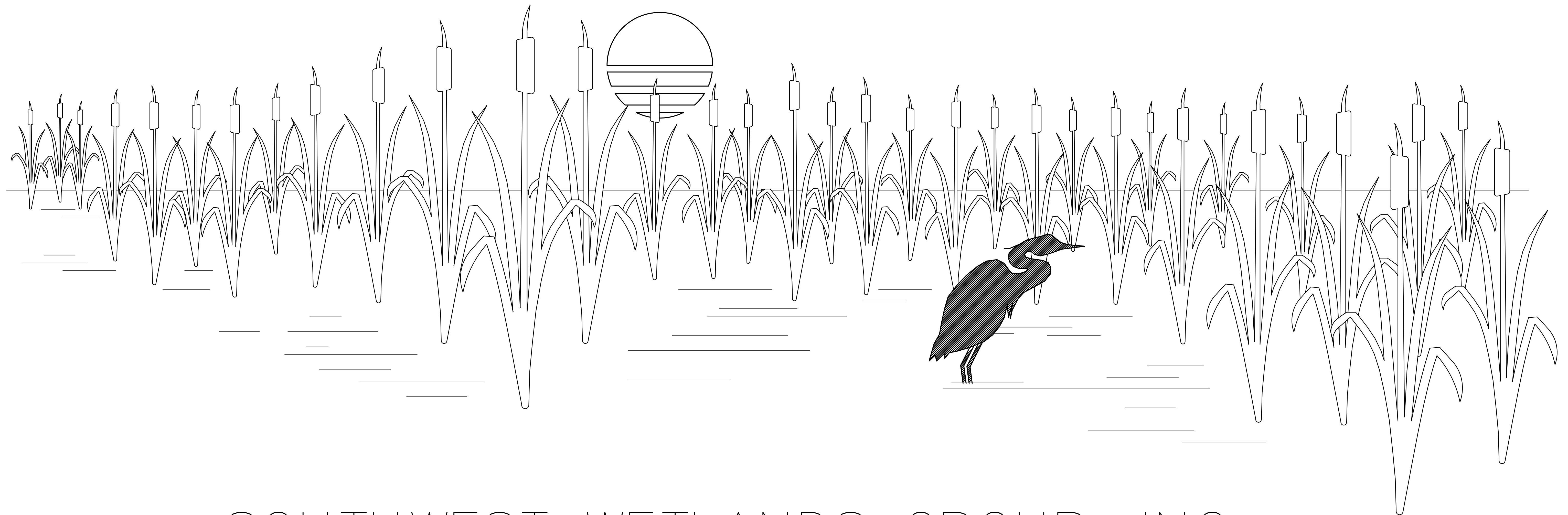


ONSITE WASTEWATER TREATMENT

PRAIRIE HILLS

SANTA FE COUNTY , NEW MEXICO

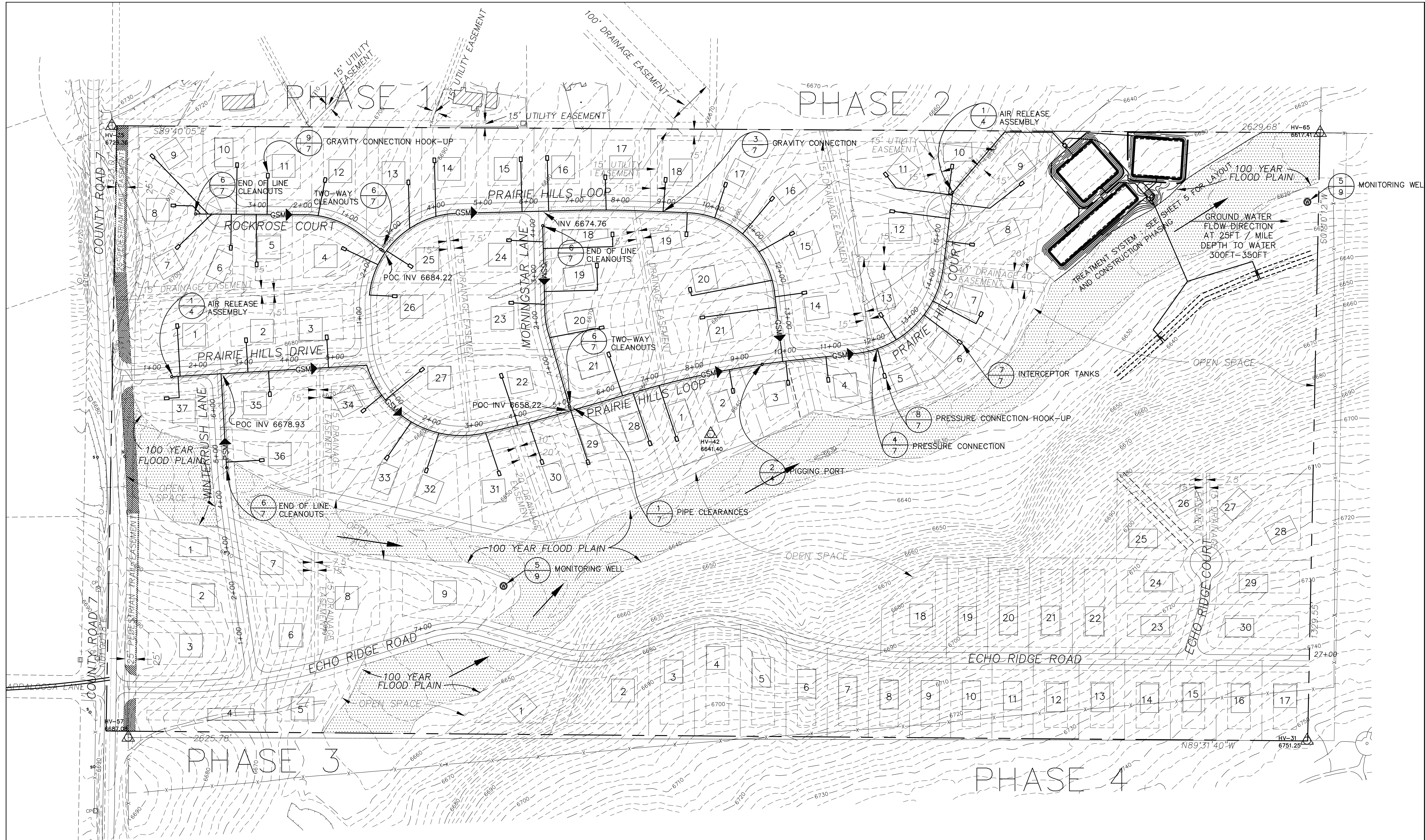


SOUTHWEST WETLANDS GROUP, INC.

DESIGN • ENGINEERING • PROJECT MANAGEMENT

901 West San Mateo Suite M Santa Fe, NM 87505

Telephone 505-988-7453 — Fax 505-988-3720



LEGEND

GSM — GRAVITY SEWER MAIN
PSM — PRESSURE SEWER MAIN

MAIN A 3" PVC ASTM D1785
MAIN B 2" PVC ASTM D1785
TRUNK LINE 3" PVC ASTM D1785

RESIDENTIAL INTERCEPTOR TANKS

PHASE I				PHASE I				PHASE I				PHASE II			
LOT NO.	CONNECTION TYPE	INVERT OUT	POC INVERT	LOT NO.	CONNECTION TYPE	INVERT OUT	POC INVERT	LOT NO.	CONNECTION TYPE	INVERT OUT	POC INVERT	LOT NO.	CONNECTION TYPE	INVERT OUT	POC INVERT
1	GRAVITY	6686.5	6683.09	17	GRAVITY	6673.5	6668.80	33	PRESSURE	NA	6663.42	11	PRESSURE	NA	NA
2	GRAVITY	6679.5	6675.93	18	PRESSURE	NA	6670.49	34	PRESSURE	NA	6670.88	12	PRESSURE	NA	NA
3	GRAVITY	6678.5	6673.95	19	PRESSURE	NA	6664.38	35	PRESSURE	NA	6675.36	13	PRESSURE	NA	NA
4	GRAVITY	6688.5	6681.22	20	GRAVITY	6688.5	6660.40	36	PRESSURE	NA	6670.10	14	PRESSURE	NA	6645.09
5	PRESSURE	NA	6695.72	21	PRESSURE	6662.5	6656.08	37	PRESSURE	NA	6683.23	15	PRESSURE	NA	6650.30
6	PRESSURE	NA	6698.01	22	GRAVITY	6670.5	6659.51					16	PRESSURE	NA	6653.93
7	PRESSURE	NA	6700.08	23	PRESSURE	NA	6672.05					17	PRESSURE	NA	6658.17
8	GRAVITY	6704.5	6701.23	24	PRESSURE	NA	6684.34					18	GRAVITY	6667.5	6663.87
9	GRAVITY	6712.5	6700.54	25	PRESSURE	NA	6673.80					19	PRESSURE	6652.5	6665.93
10	GRAVITY	6705.5	6697.55	26	PRESSURE	NA	6670.41					20	GRAVITY	6652.5	6646.68
11	GRAVITY	6702.5	6694.88	27	PRESSURE	NA	6665.35					21	GRAVITY	6648.5	6643.96
12	GRAVITY	6696.5	6689.33	28	PRESSURE	NA	6658.28								
13	GRAVITY	6688.5	6684.11	29	PRESSURE	NA	6659.13								
14	PRESSURE	NA	6683.81	30	PRESSURE	NA	6660.79								
15	PRESSURE	NA	6676.61	31	PRESSURE	NA	6664.53								
16	PRESSURE	NA	6674.15	32	PRESSURE	NA									

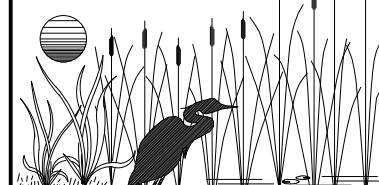
PLAN

SCALE: 1" = 100'

100 0 100 200

PRAIRIE HILLS
SANTA FE COUNTY, NEW MEXICO
ONSITE WASTEWATER TREATMENT

SOUTHWEST
WETLANDS
GROUP



901 W. San Mateo
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New Mexico 87505
(505) 988-1453

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SION OF THIS PROJECT EXCEPT
BY AGREEMENT WITH SAID
COMPANY.

DATE: 10/20/96

REVISIONS	
DATE:	DESCRIPTION
5/22/96	ADD MONITOR WELL LOC.
	ROTATE NORTH ARROW 90°
10/20/96	REVISE TEXT

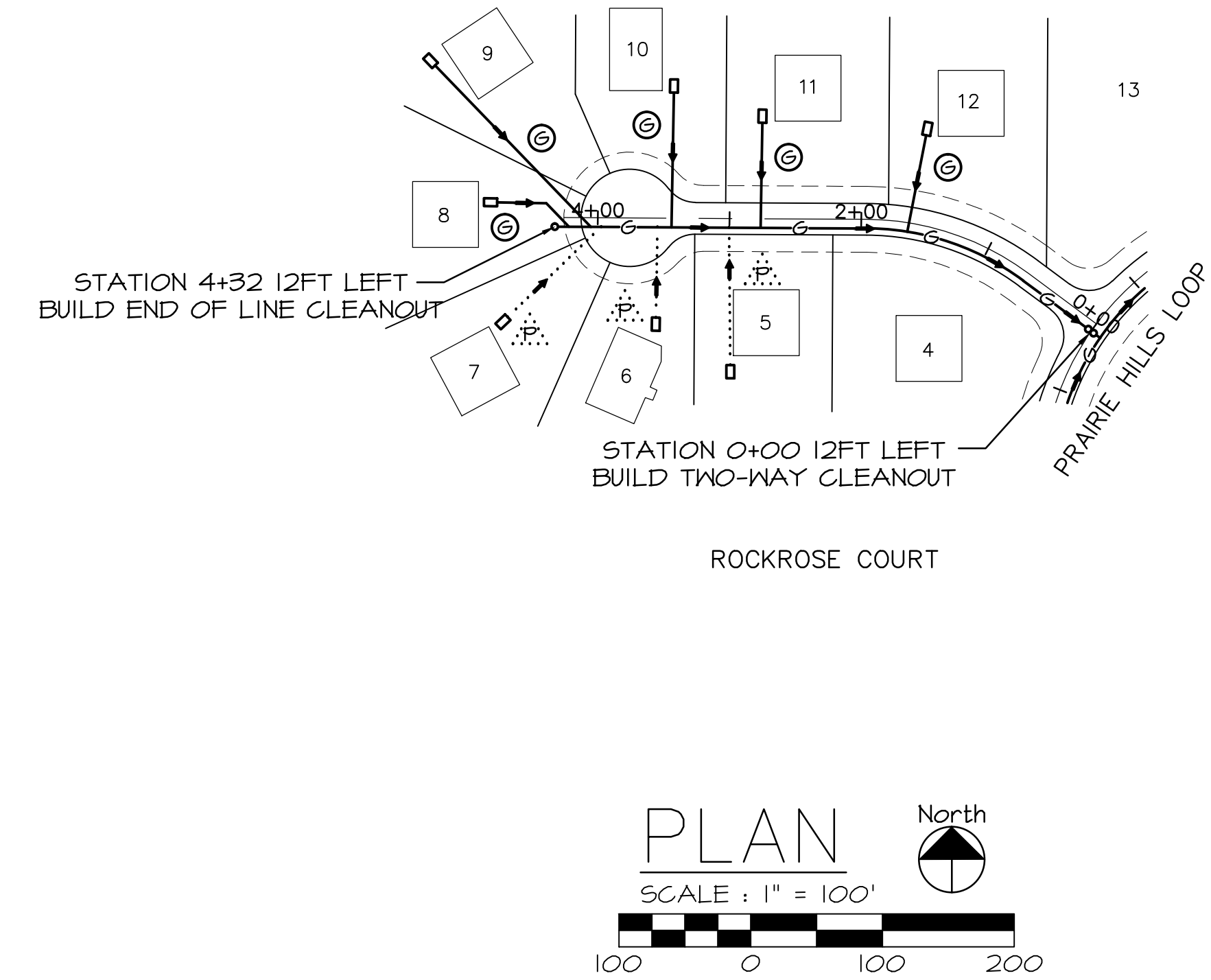
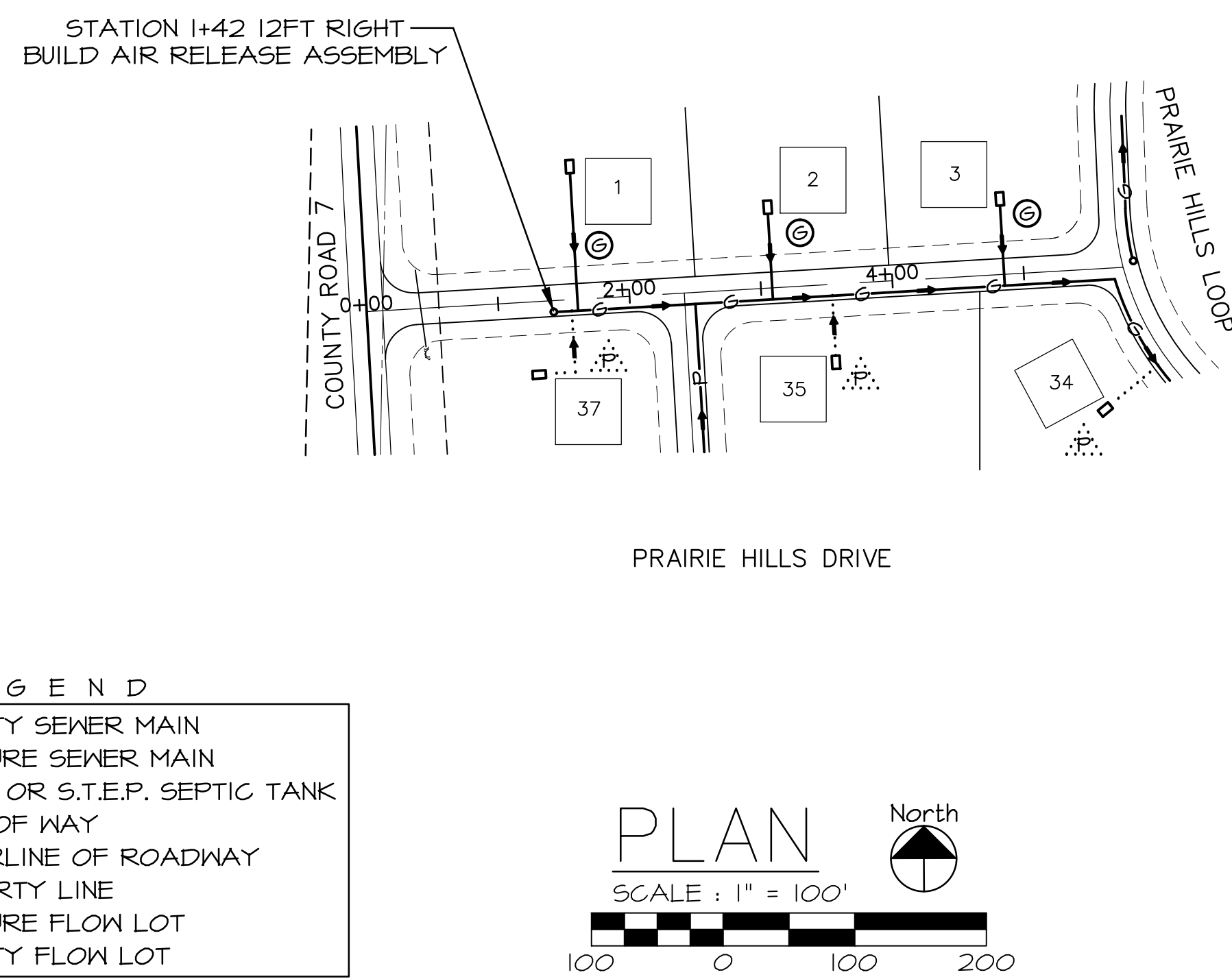
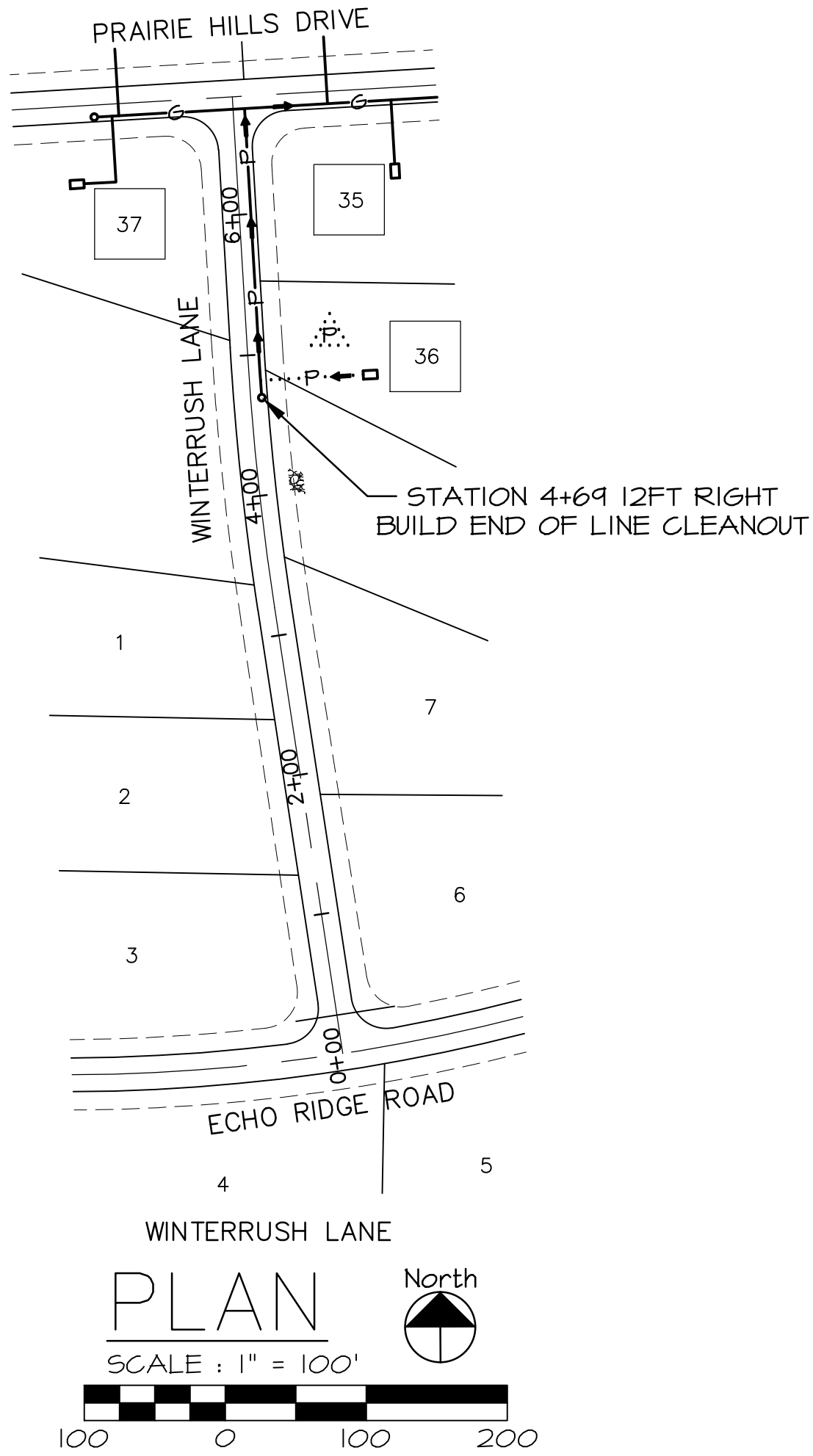
DRAWN BY: TH
CHECK BY:
APPD BY:

JOB NO. 5233

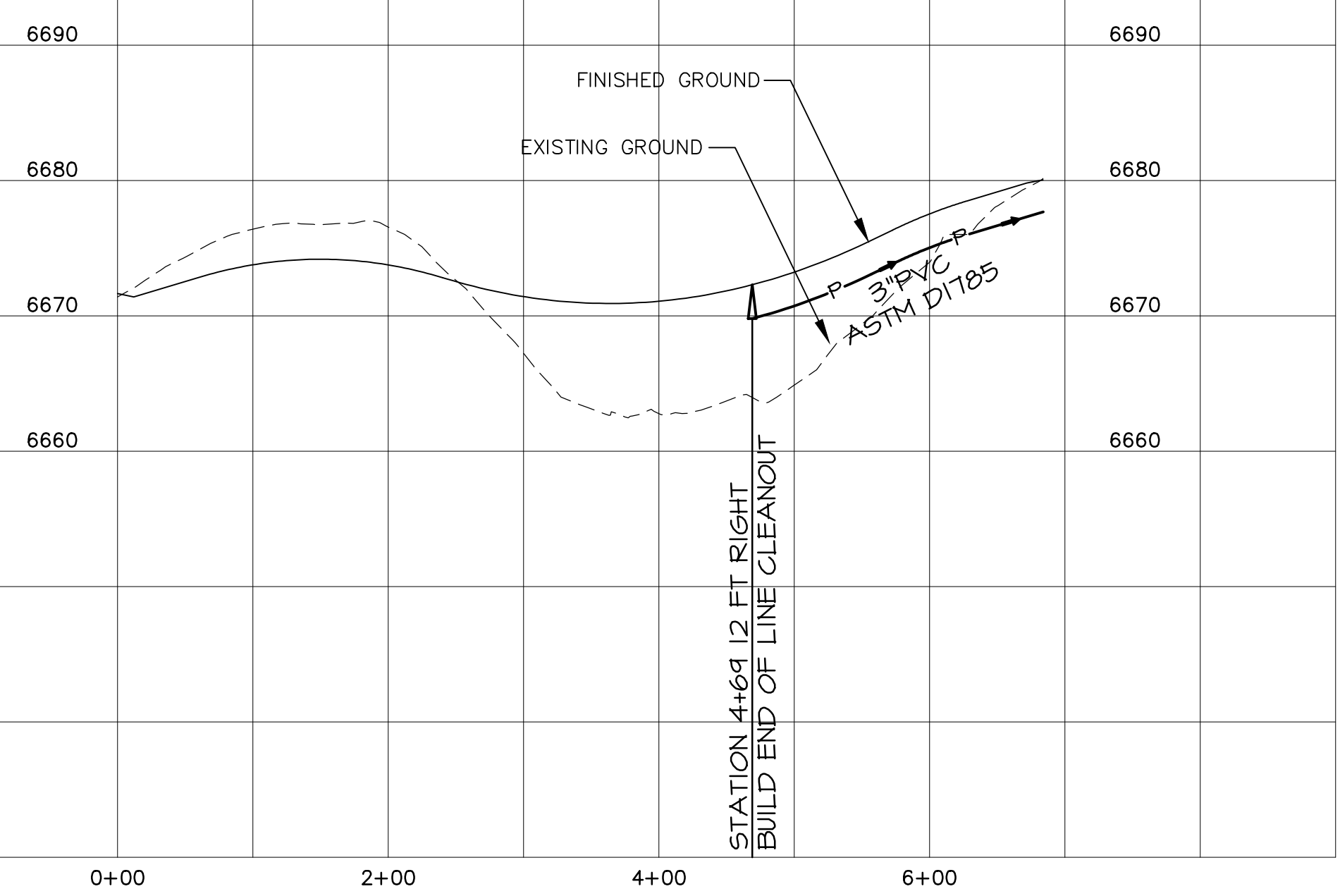
SHEET TITLE

COLLECTION
SYSTEM

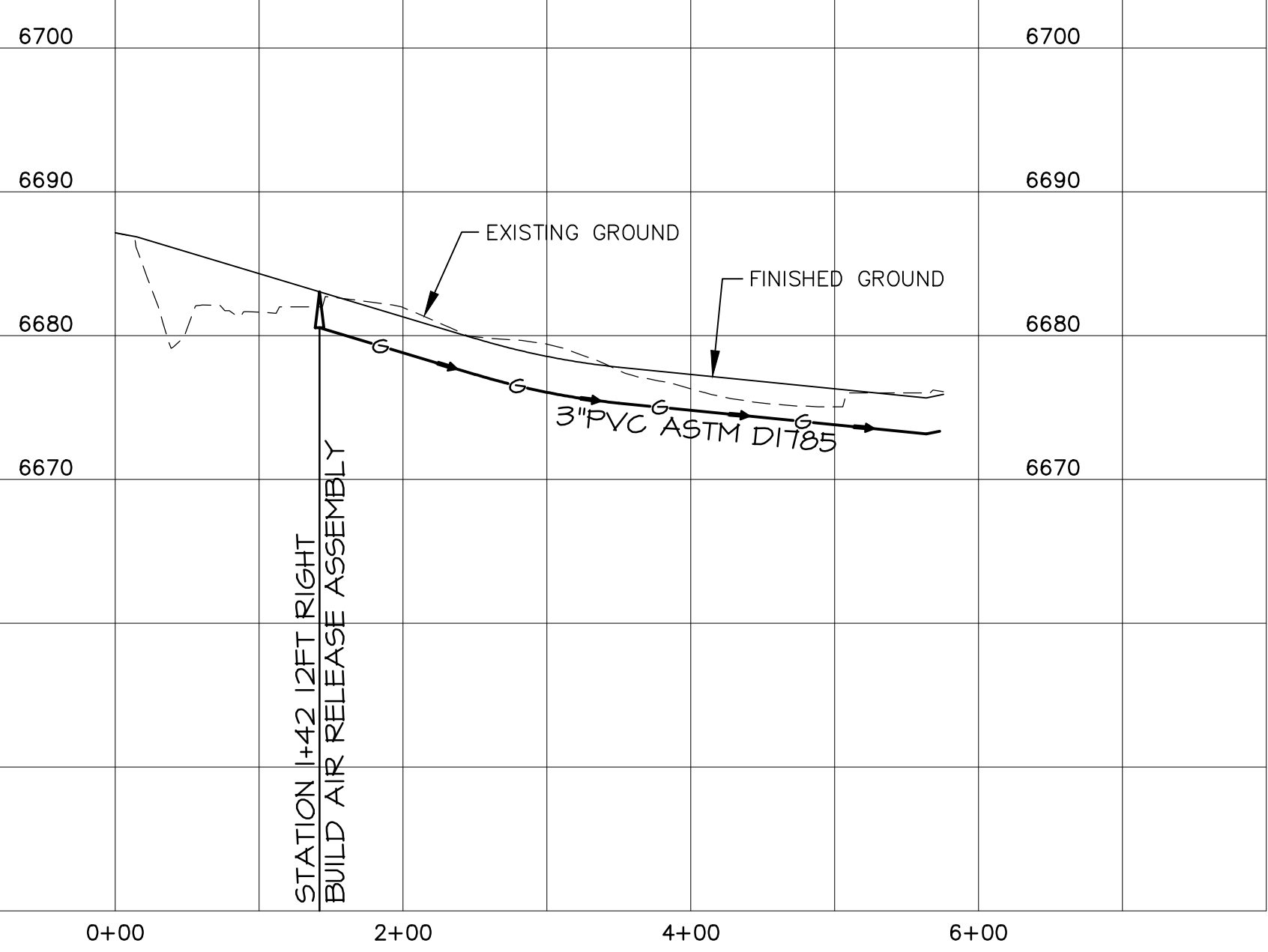
SHEET
OF
1
9



WINTERRUSH LANE
(MAIN A)

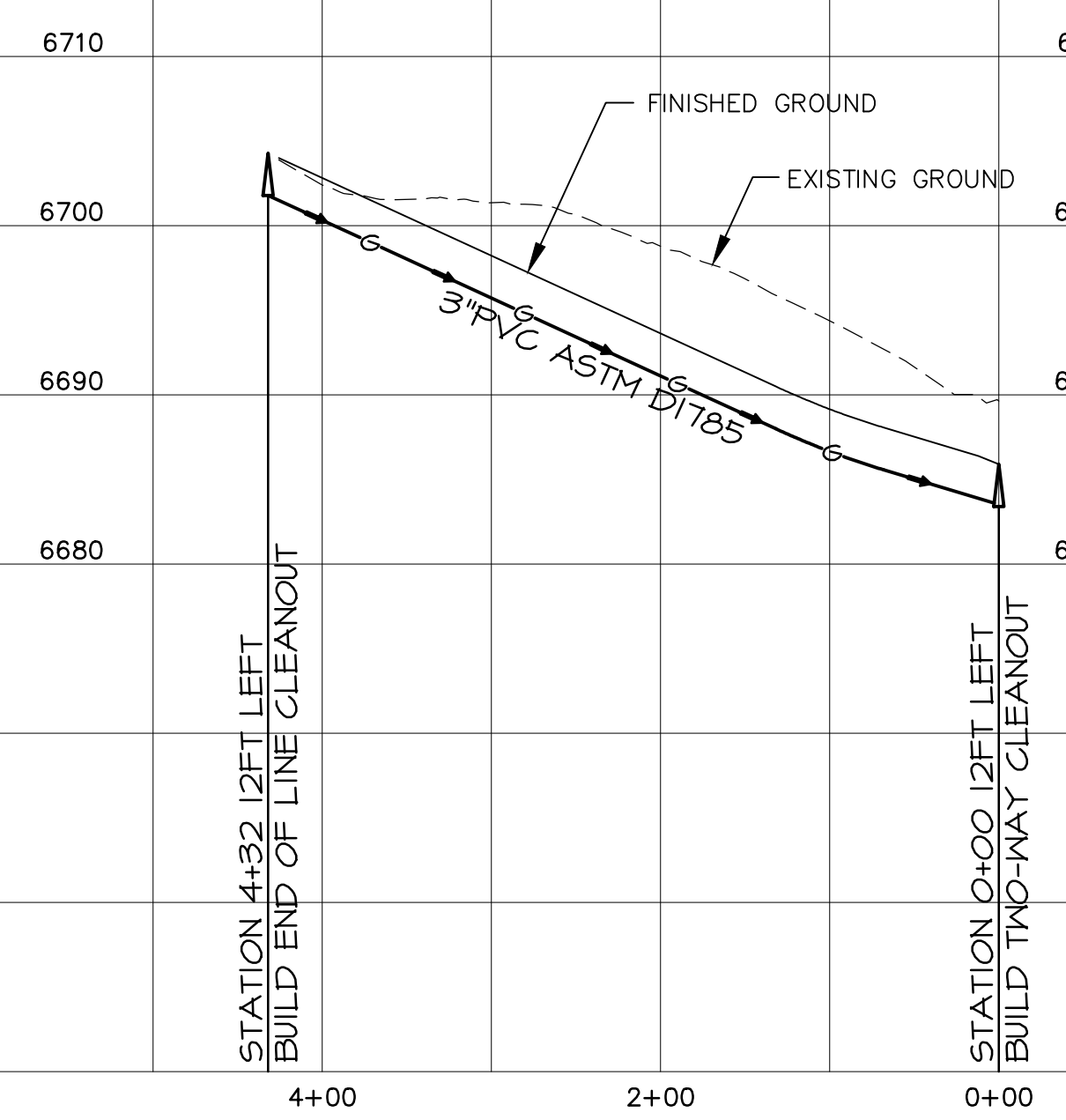


PRAIRIE HILLS DRIVE
(MAIN A)

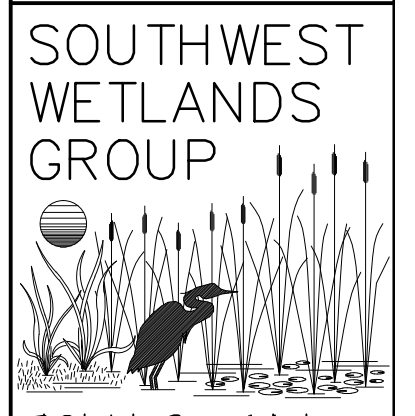


PROFILE
HORIZONTAL SCALE : 1" = 100'
VERTICAL SCALE : 1" = 10'

ROCKROSE COURT
(MAIN B)



PRAIRIE HILLS
SANTA FE COUNTY , NEW MEXICO
ONSITE WASTEWATER TREATMENT



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COMPANY.

DATE: 10/15/96

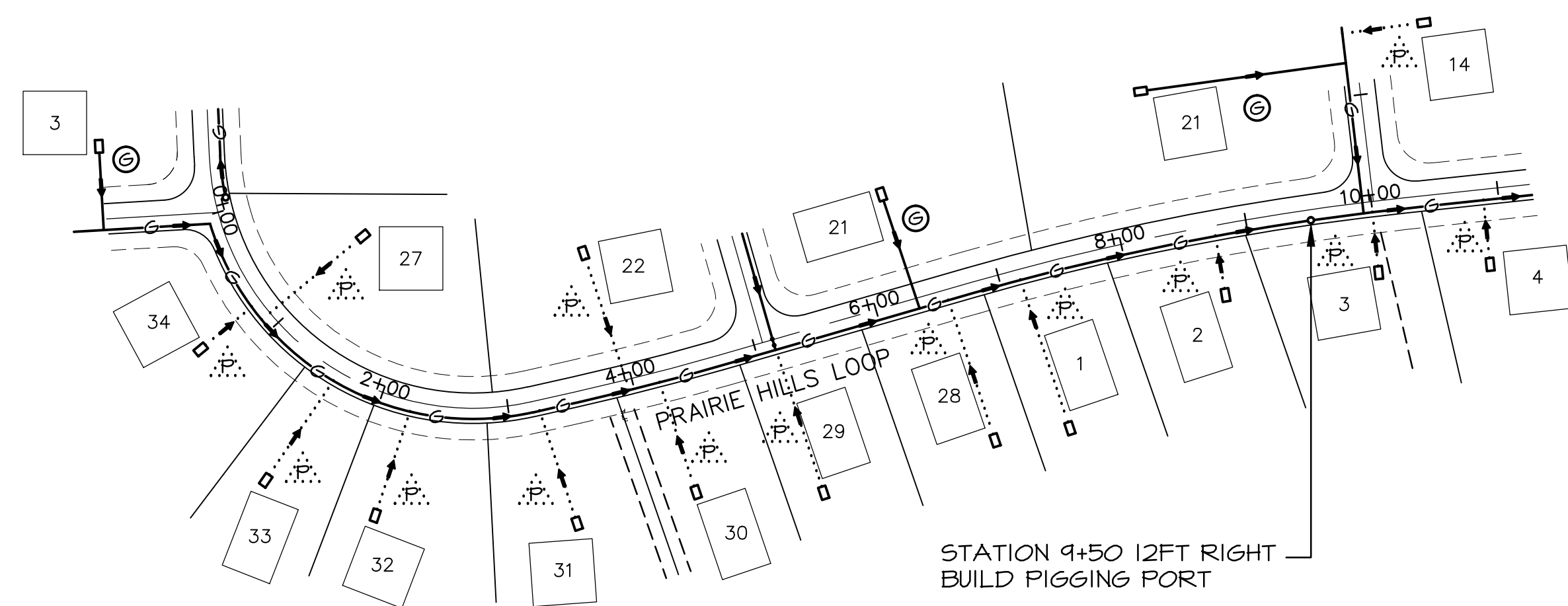
REVISIONS	
DATE	DESCRIPTION
10/15/96	2" TO 3" MAIN B

DRAWN BY: ML
CHECK BY:
APPD BY:

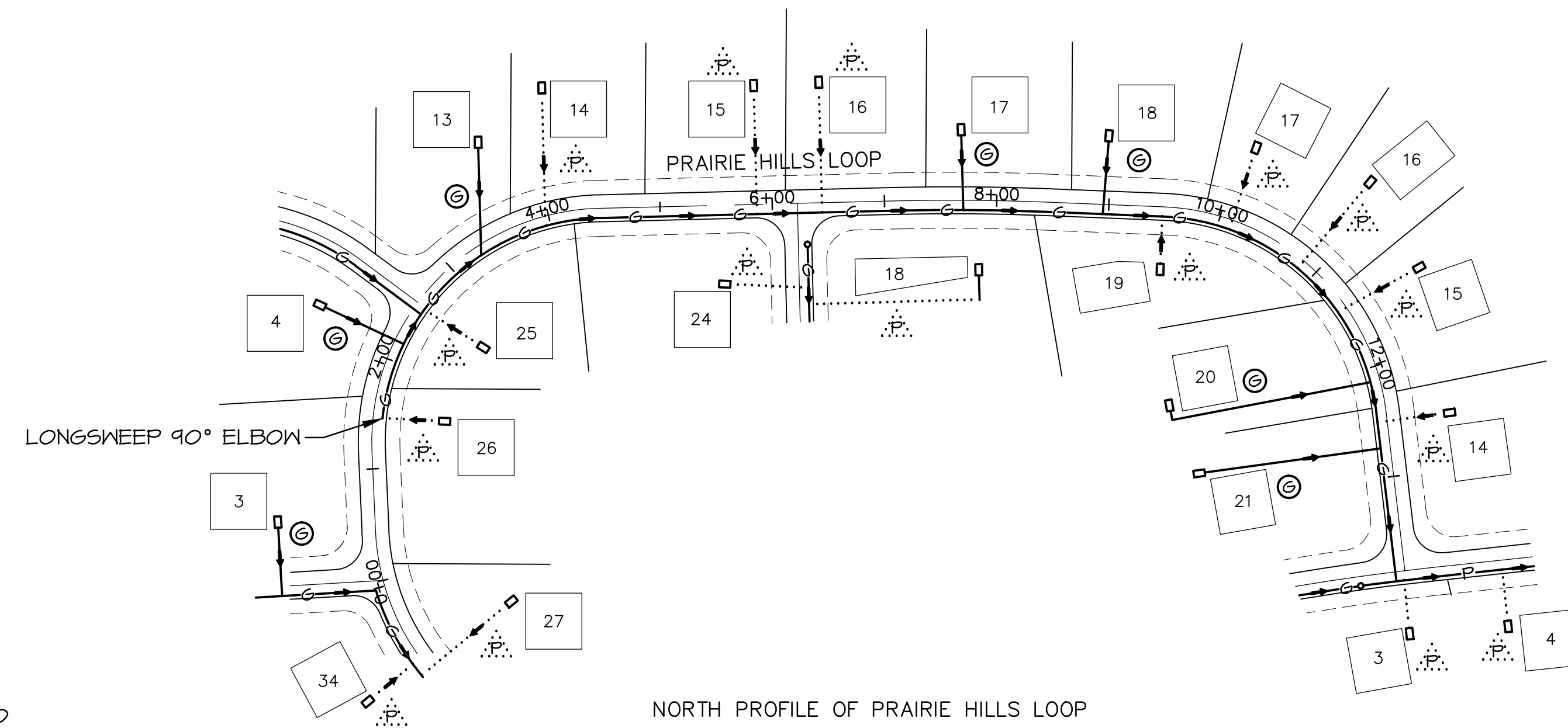
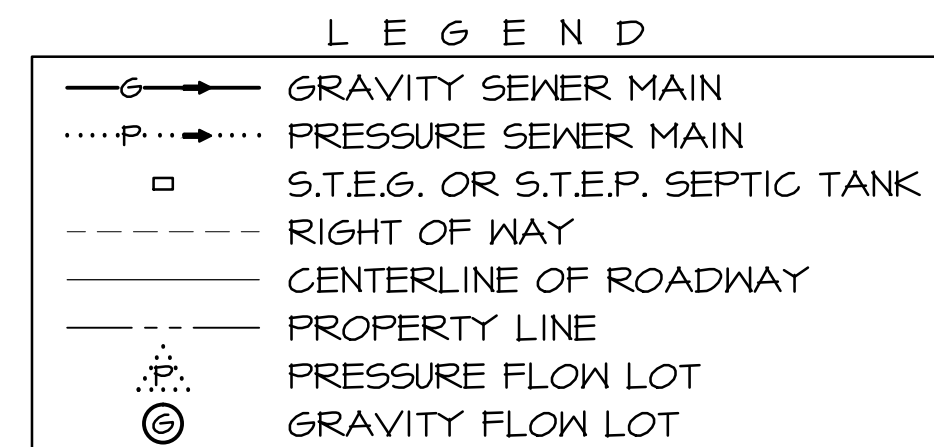
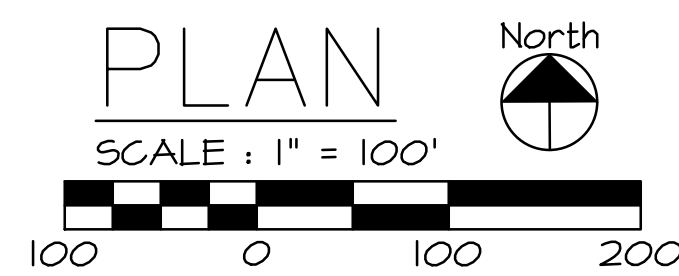
JOB NO. 5233

SHEET TITLE
COLLECTION
PLAN and
PROFILE

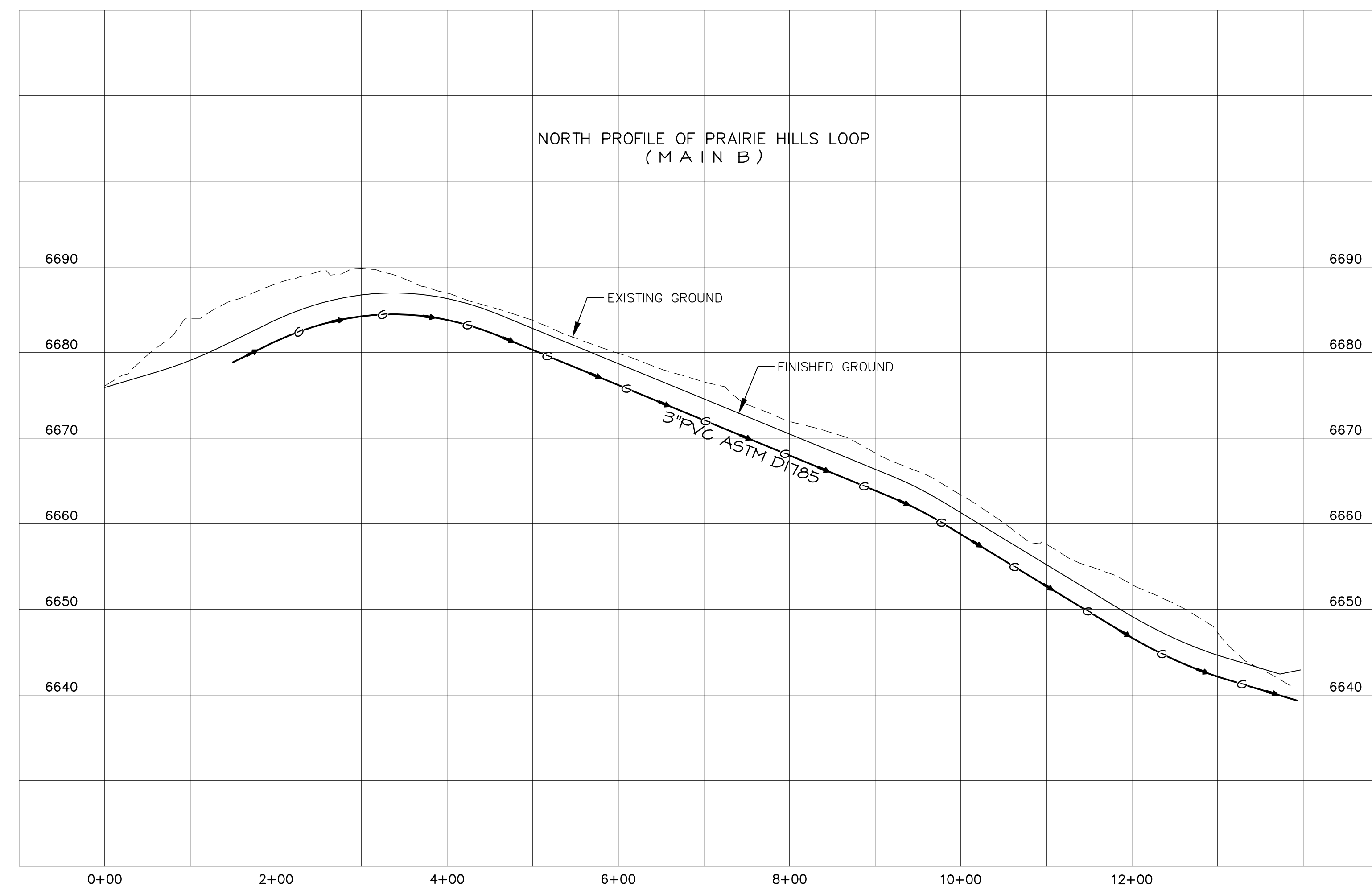
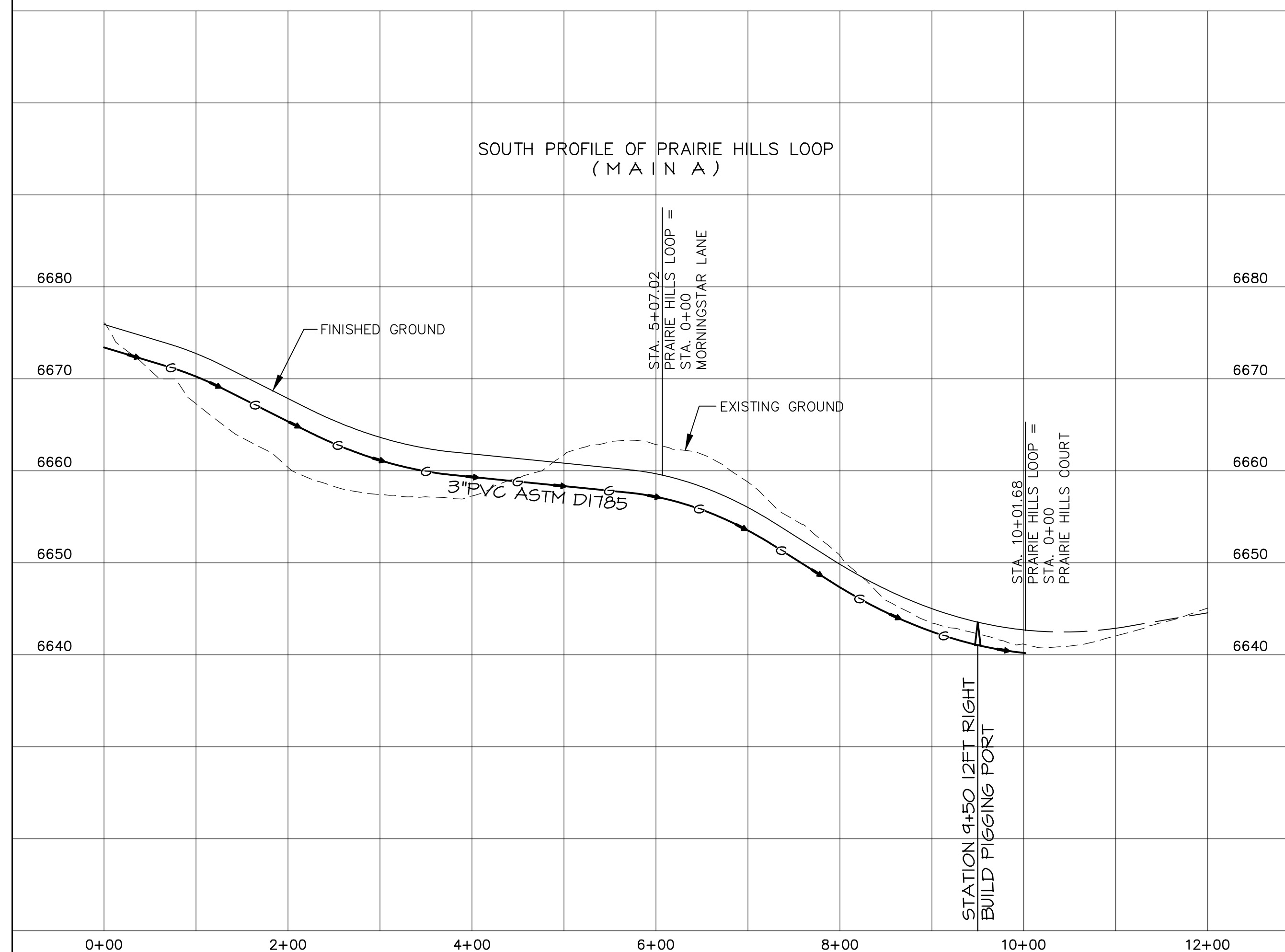
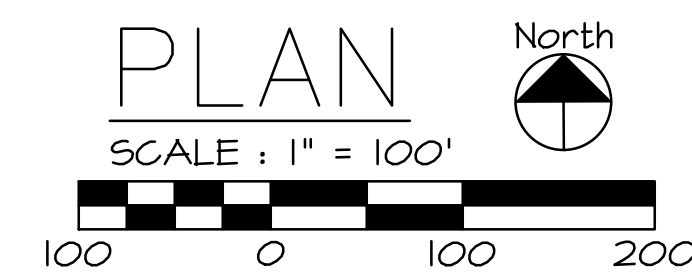
SHEET
OF
2
9



SOUTH PROFILE OF PRAIRIE HILLS LOOP



NORTH PROFILE OF PRAIRIE HILLS LOOP



PROFILE

HORIZONTAL SCALE : 1" = 100'

VERTICAL SCALE : 1" = 10'

PRAIRIE HILLS
SANTA FE COUNTY , NEW MEXICO
ONSITE WASTEWATER TREATMENT

SOUTHWEST
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DATE: 10/16/96

REVISIONS

DATE:	DESCRIPTION
10/16/96	2" TO 3" MAIN B

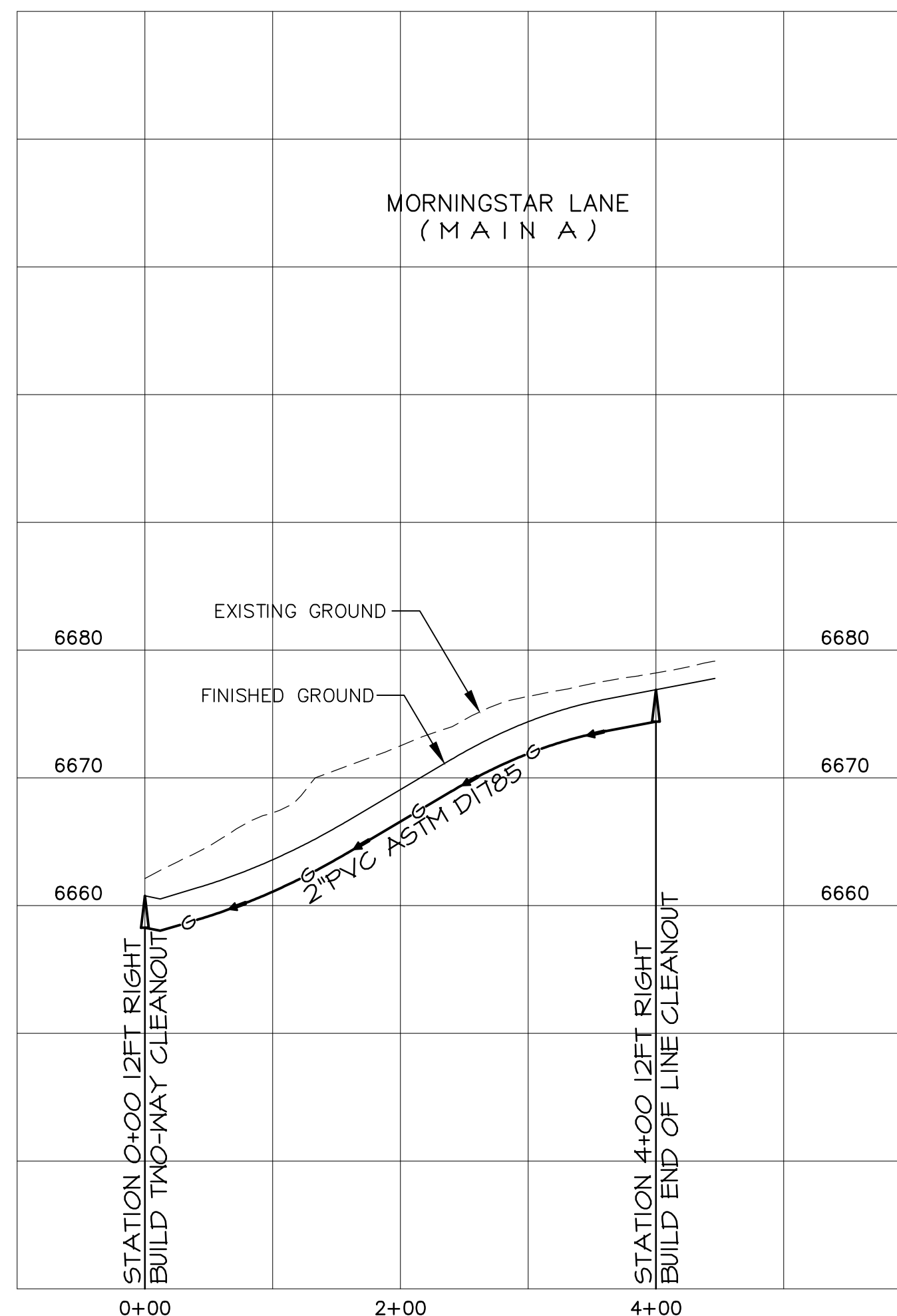
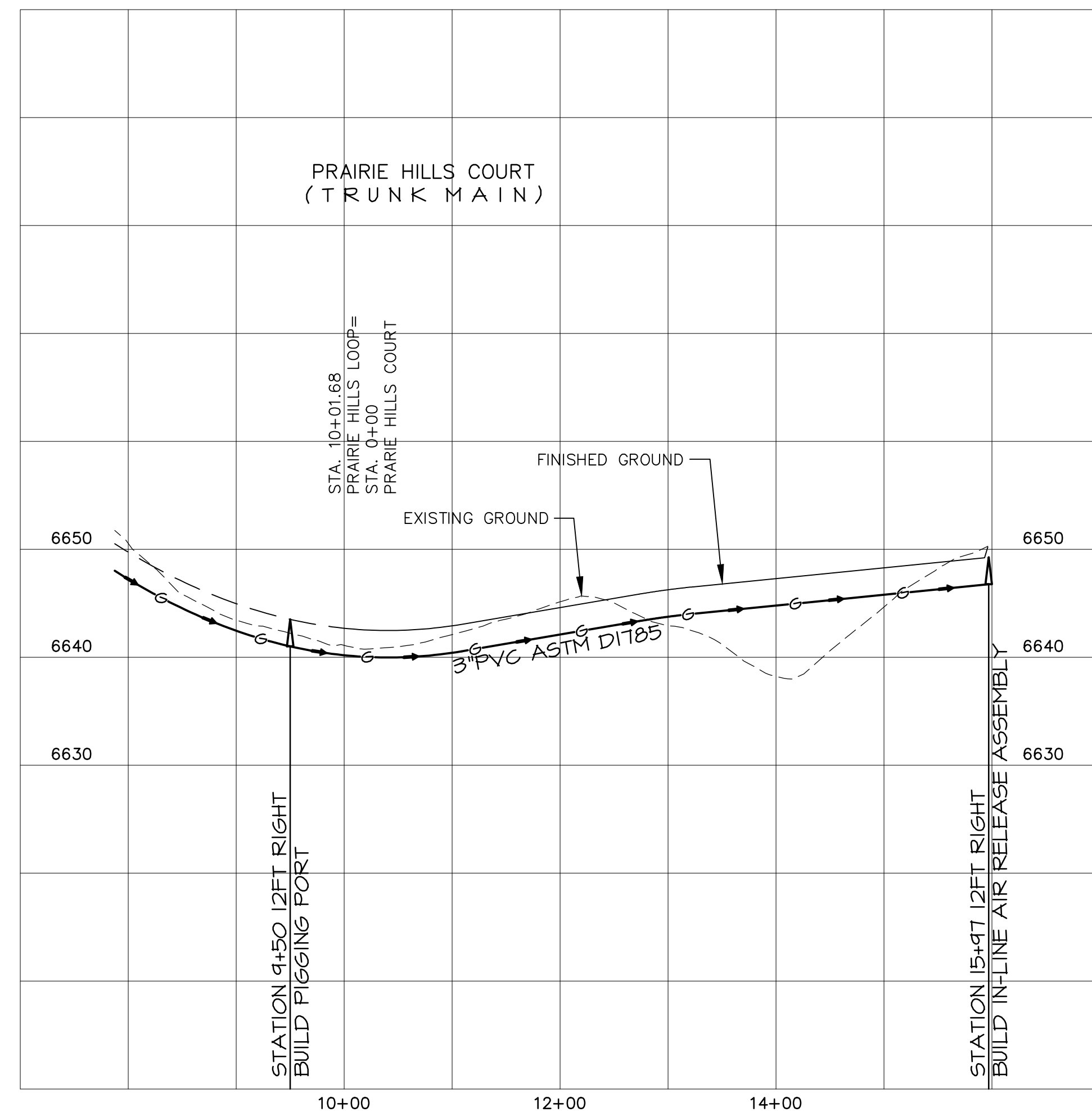
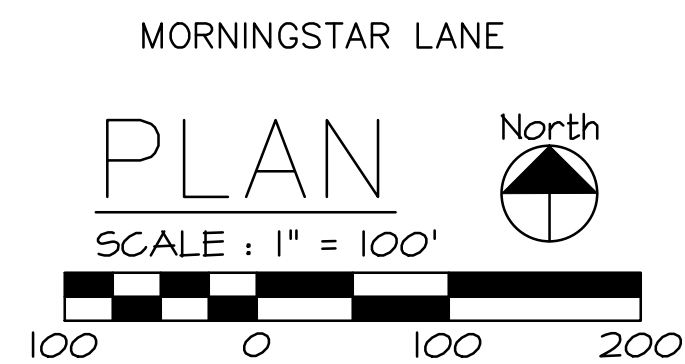
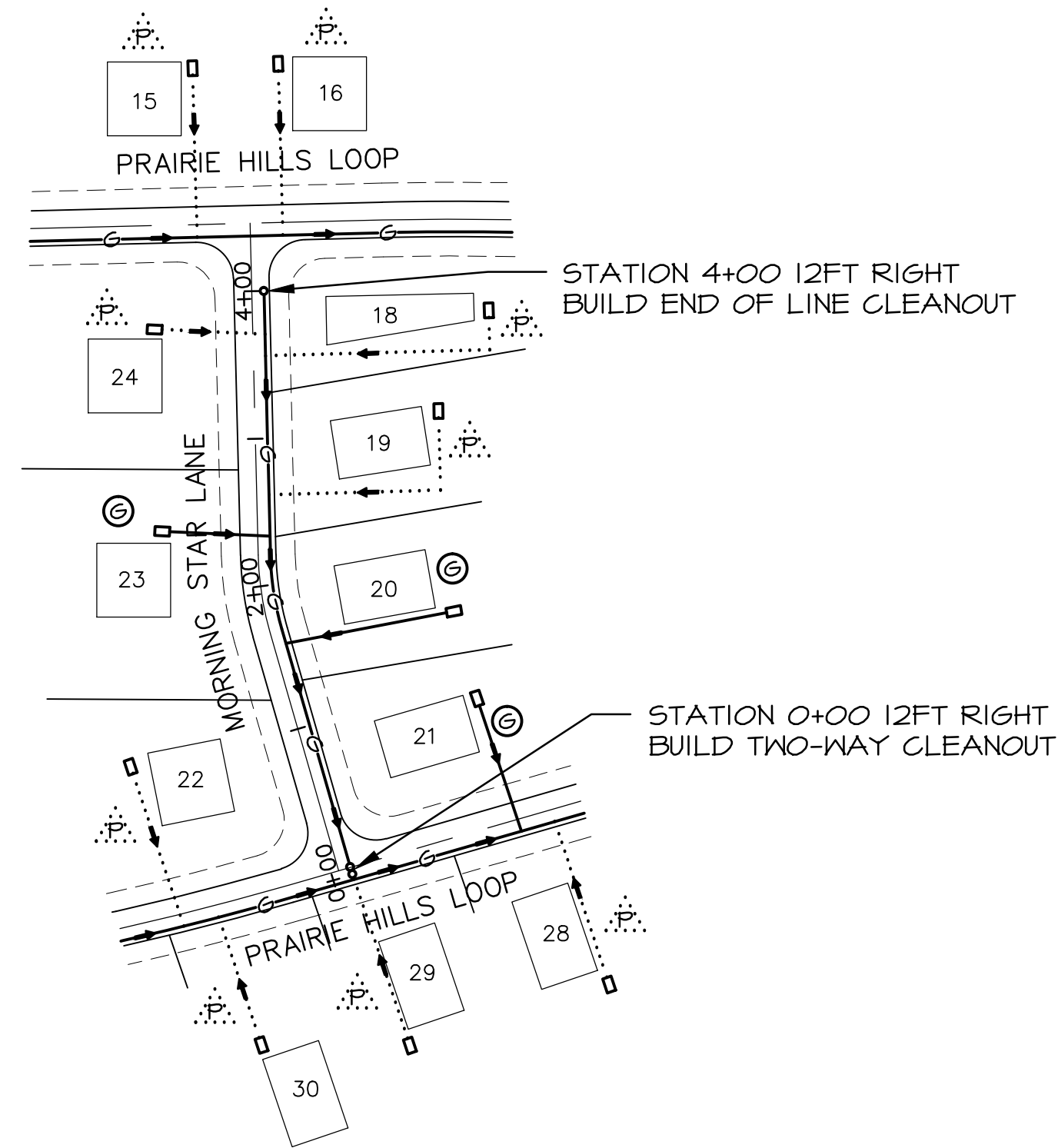
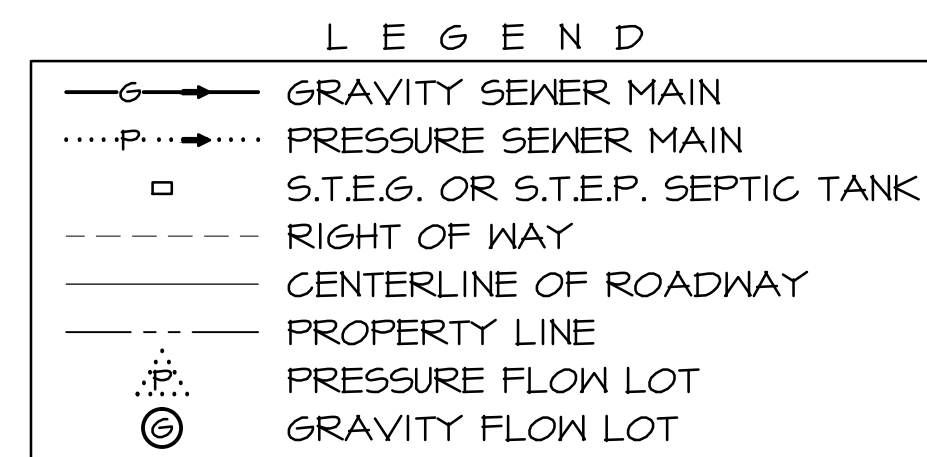
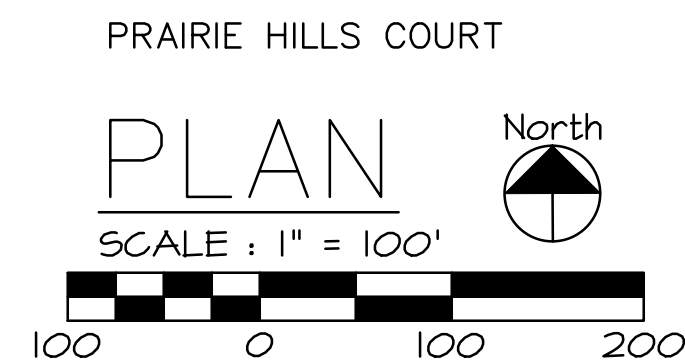
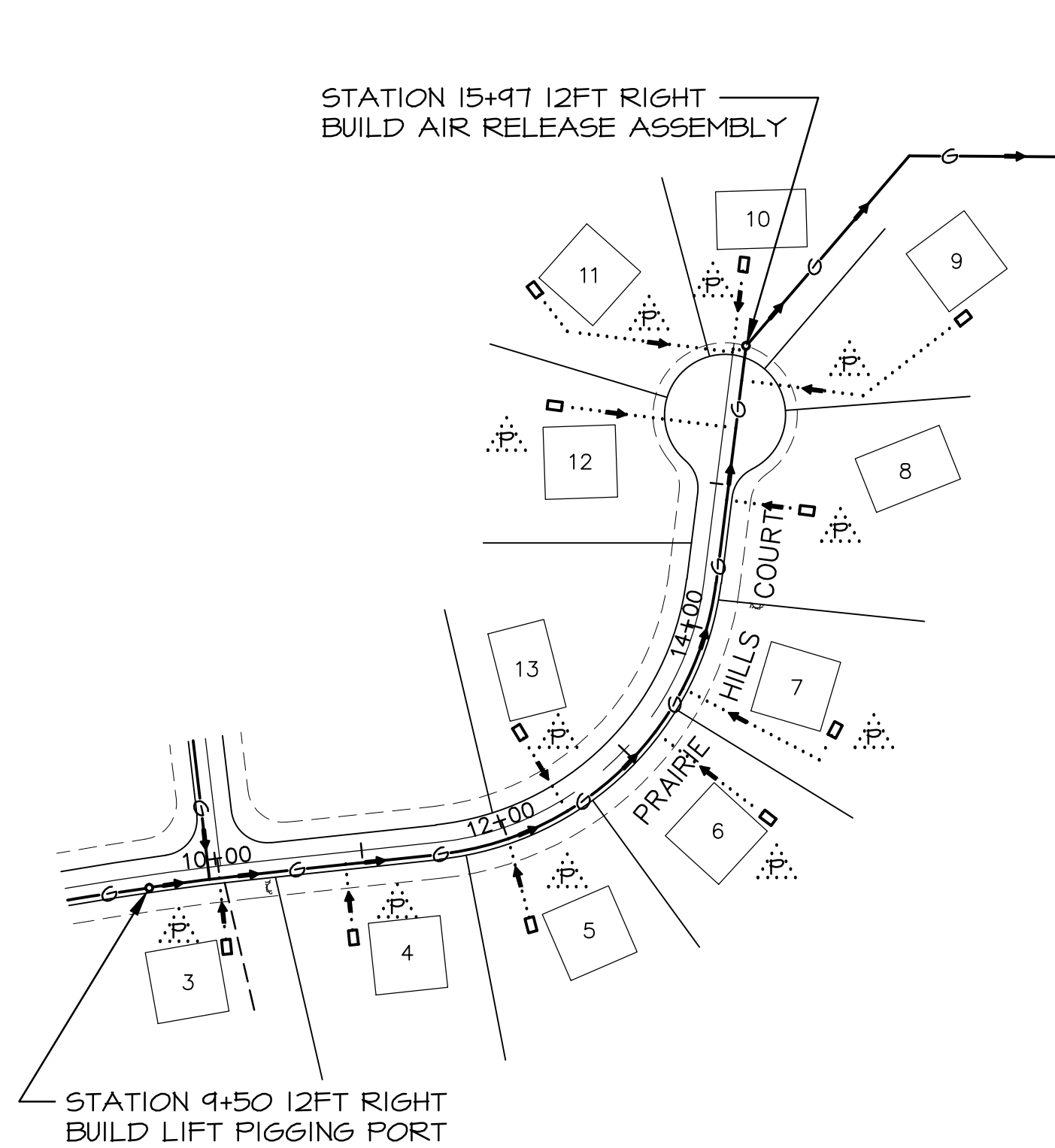
DRAWN BY: ML
CHECK BY:
APPD BY:

JOB NO. 5233

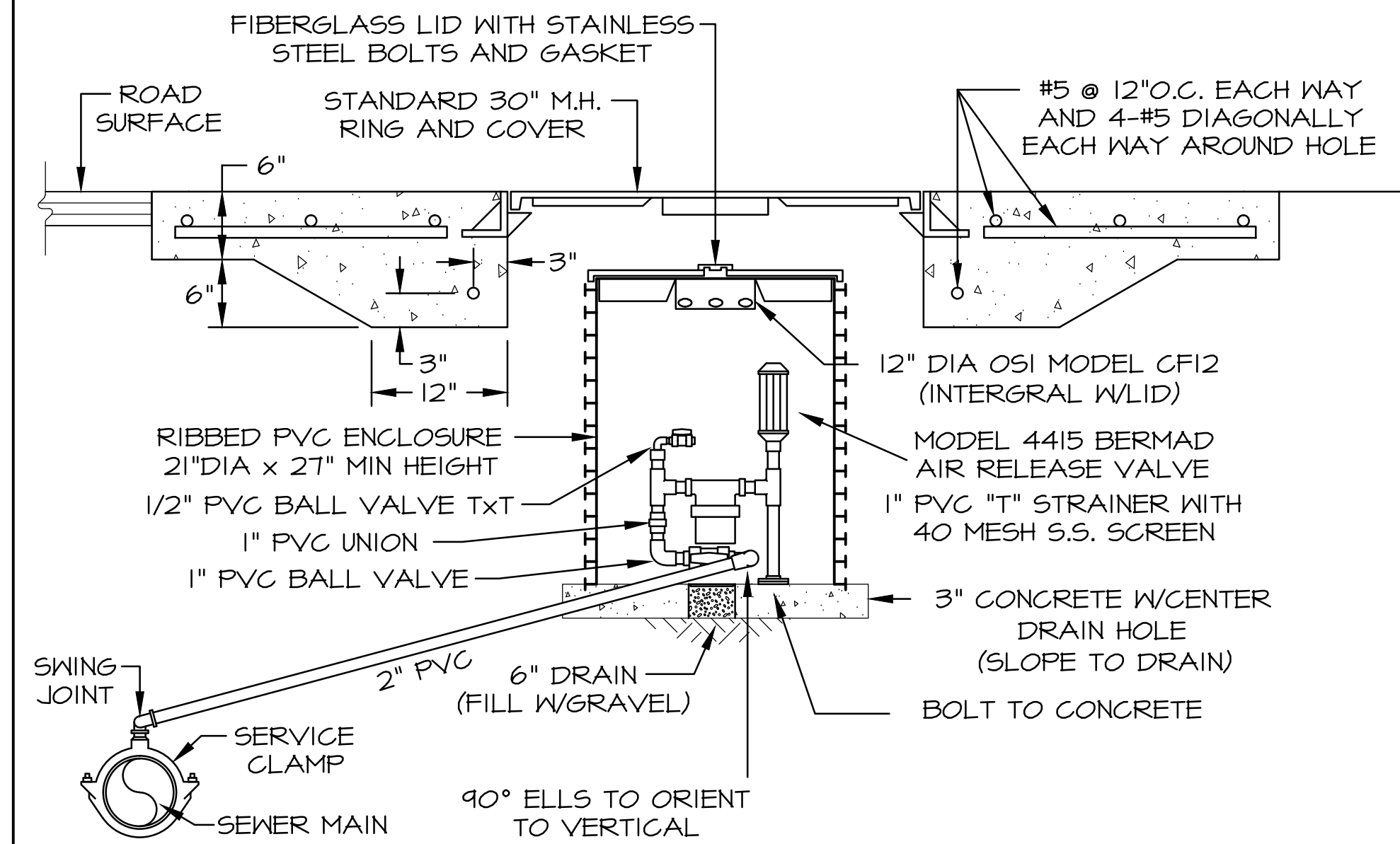
SHEET TITLE

COLLECTION
PLAN and
PROFILE

SHEET
3
OF
9

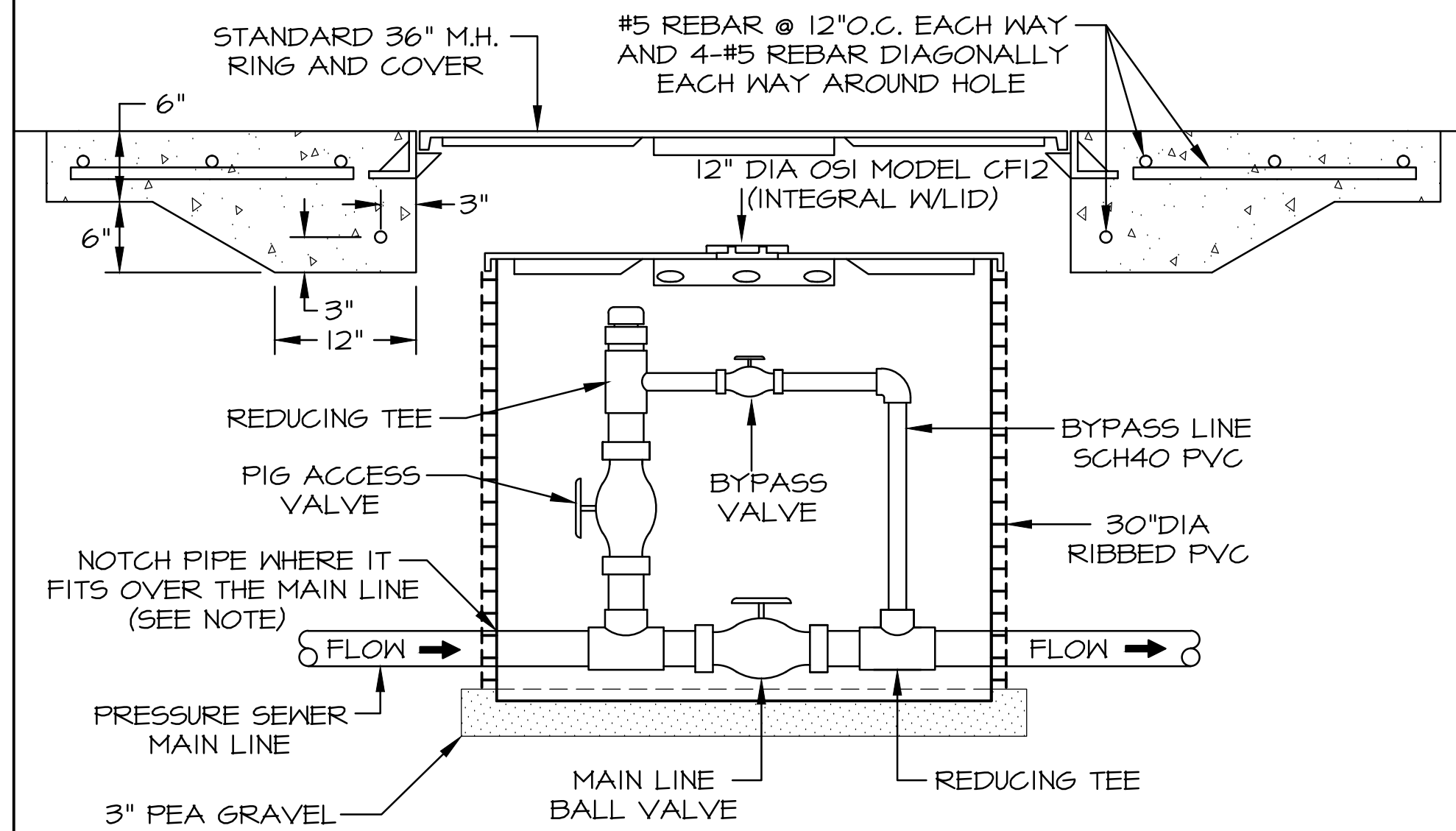


PROFILE
HORIZONTAL SCALE: 1" = 100'
VERTICAL SCALE: 1" = 10'



1
4 AIR RELEASE ASSEMBLY
SCALE: NONE

NOTE: PROTECT THE MAIN LINE FROM BEING SHEARED BECAUSE OF TRAFFIC LOADS ON THE RISER BY INSURING THE RISER IS PLACED ON A STABLE BASE AND THAT THE NOTCH IS CUT HIGH ENOUGH TO ALLOW ADEQUATE CLEARANCE BETWEEN THE BOTTOM OF THE NOTCH AND THE TOP OF THE PVC PIPE.



MAINLINE SIZE	BYPASSLINE SIZE
2"	2"
3"	2"

2
4 PIGGING PORT
SCALE: NONE

PRAIRIE HILLS
SANTA FE COUNTY, NEW MEXICO
ONSITE WASTEWATER TREATMENT

SOUTHWEST
WETLANDS
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DATE: 10/28/96

DATE	DESCRIPTION
10/1/96	PIGGING PORT CHANGE AIR RELEASE DRAIN
10/28/96	PIGGING PORT ADD ON

DRAWN BY: ML
CHECK BY:
APPD BY:

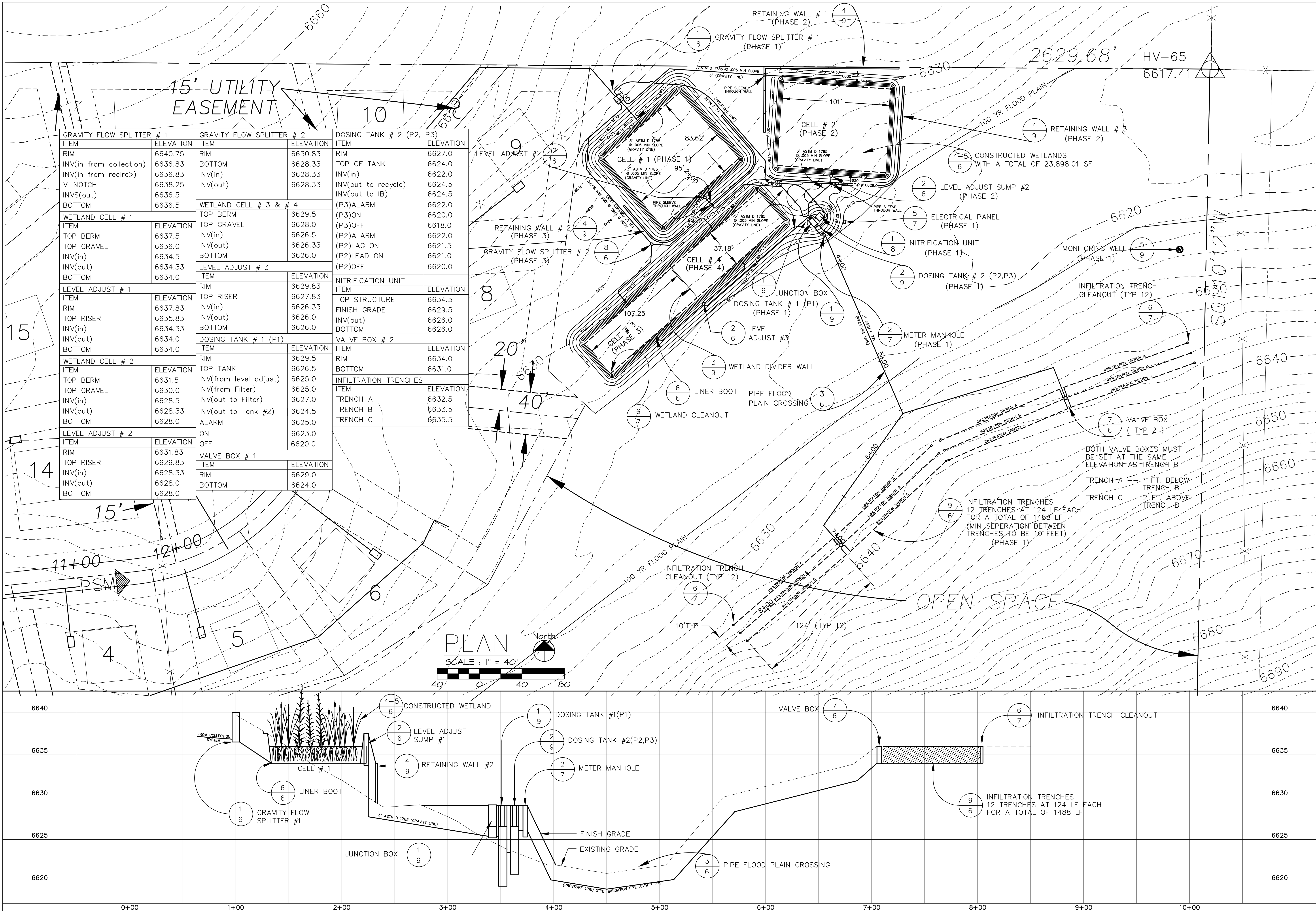
JOB NO. 5233

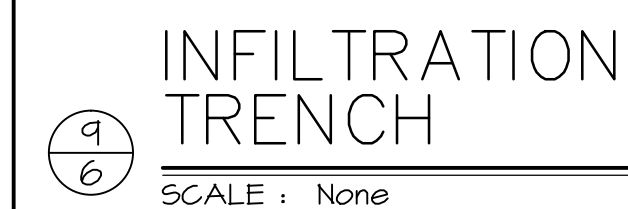
SHEET TITLE

COLLECTION
PLAN and
PROFILE

SHEET

4
OF
9





6
OF
9



5 ELECTRICAL PANEL

CLEANOUTS

 2 METER MANHOLE

GRAVITY CONNECTION

4 PRESSURE CONNECTION

PLAN VIEW

GRAVITY FLOW SEPTIC TANK (S.T.E.G.)

SECTION



PRESSURE FLOW SEPTIC TANK (S.T.E.P.)

⑦ 1000 GALLON INTERCEPTOR TANKS

 PRESSURE CONNECTION HOOK-UP

GRAVITY CONNECTION HOOK-UP

PRAIRIE HILLS
SANTA FE COUNTY, NEW MEXICO
ON-SITE WASTEWATER TREATMENT



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DATE: 10/31/96

DATE:	DESCRIPTION
-------	-------------

10/15/96	BIOTUBE SPECS.
----------	----------------

	T-BAFFLE
1.575	1.575

10/31/98	MODIFY TANKS MODIFY RISERS
----------	-------------------------------

DRAWN BY: AL

CHECK BY: _____

APPD BY:

JOB NO. 5233

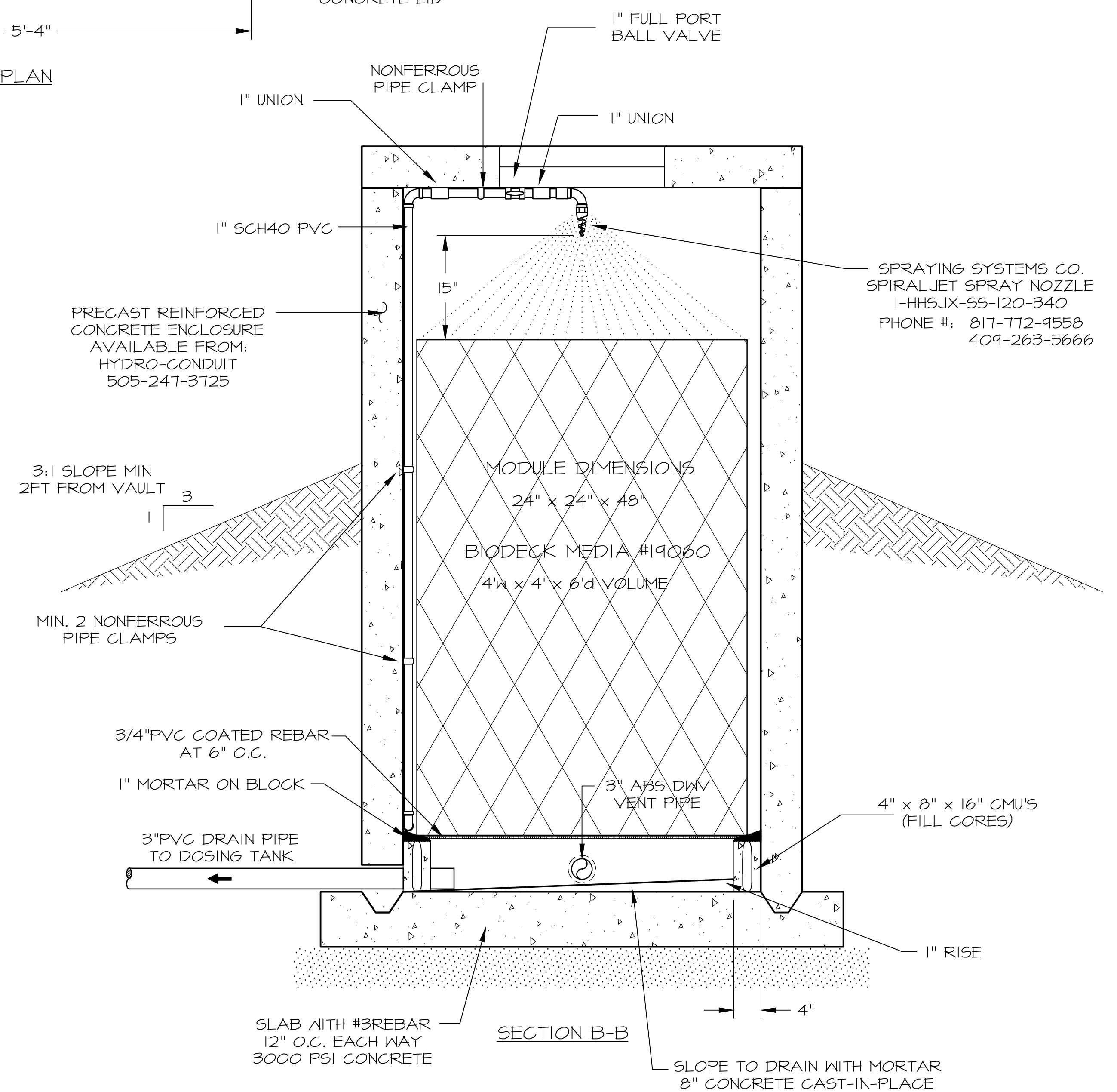
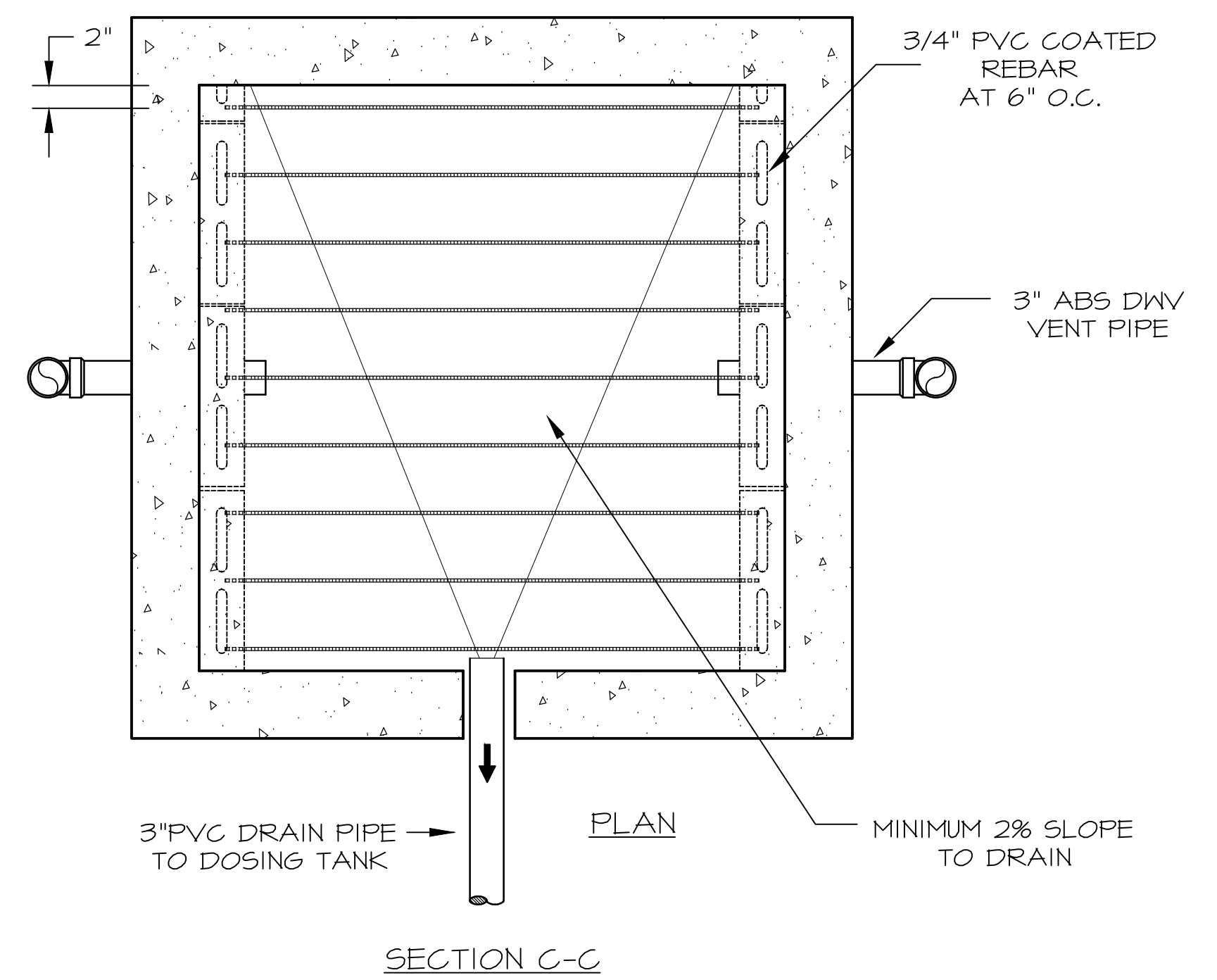
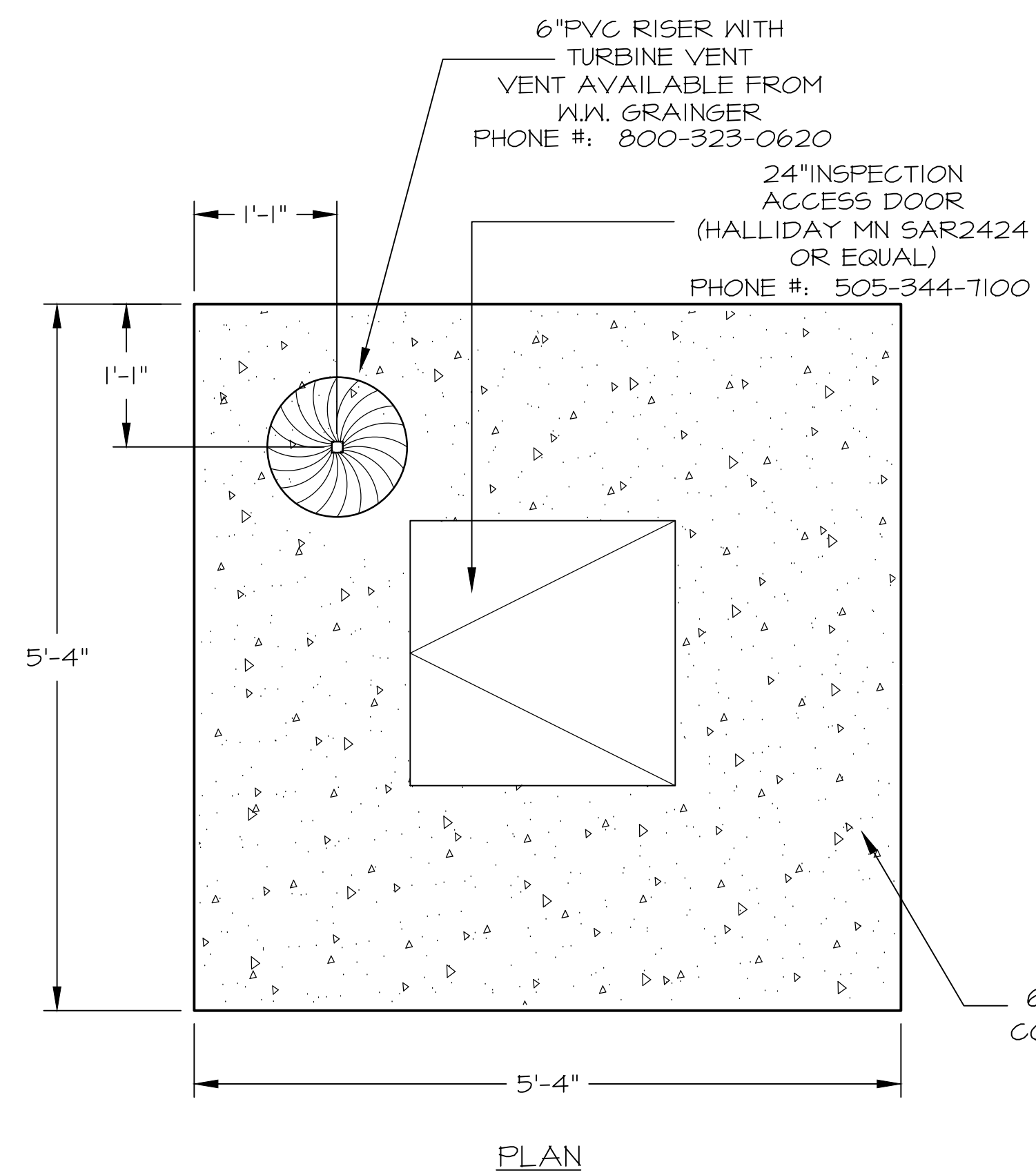
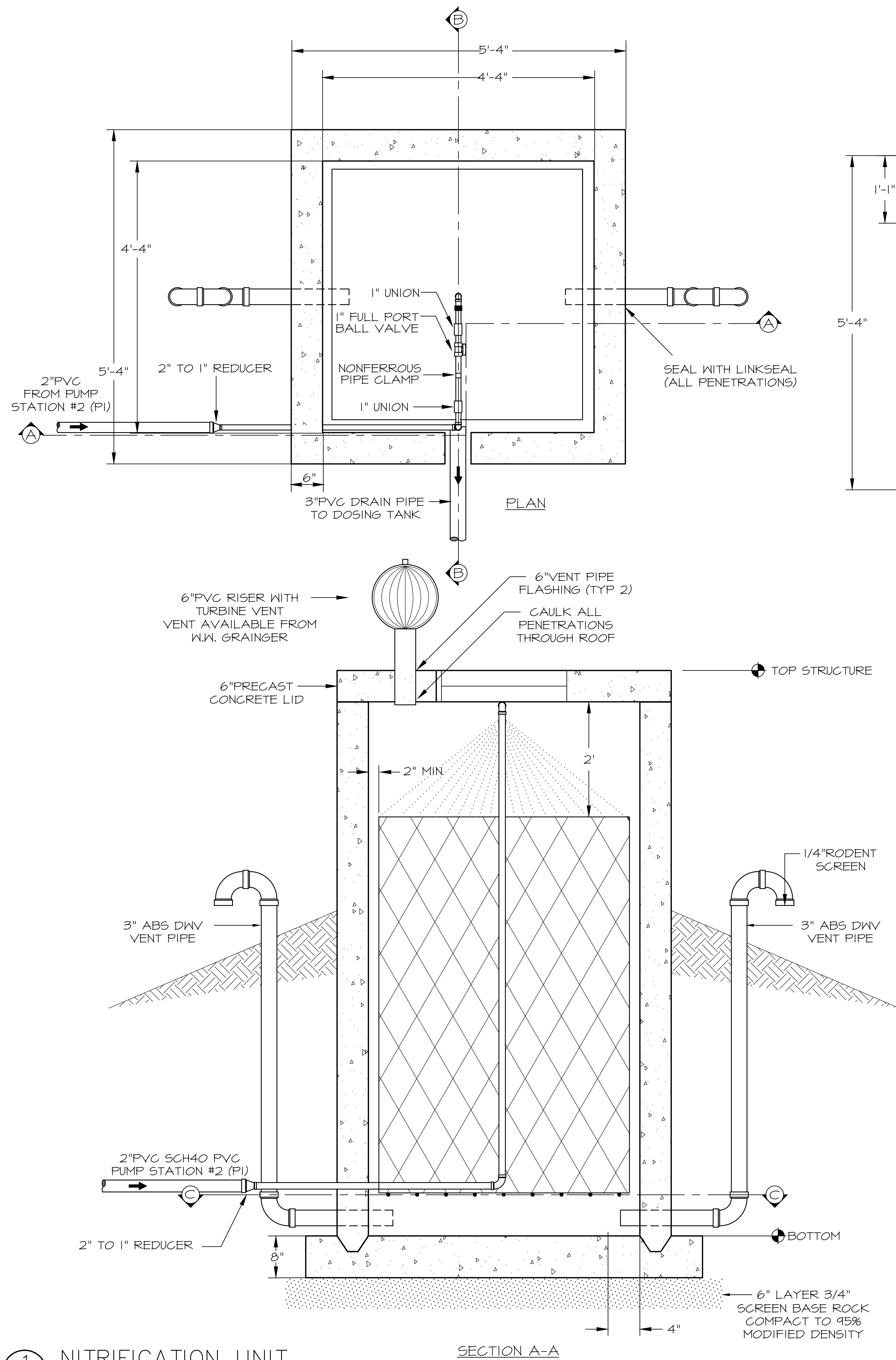
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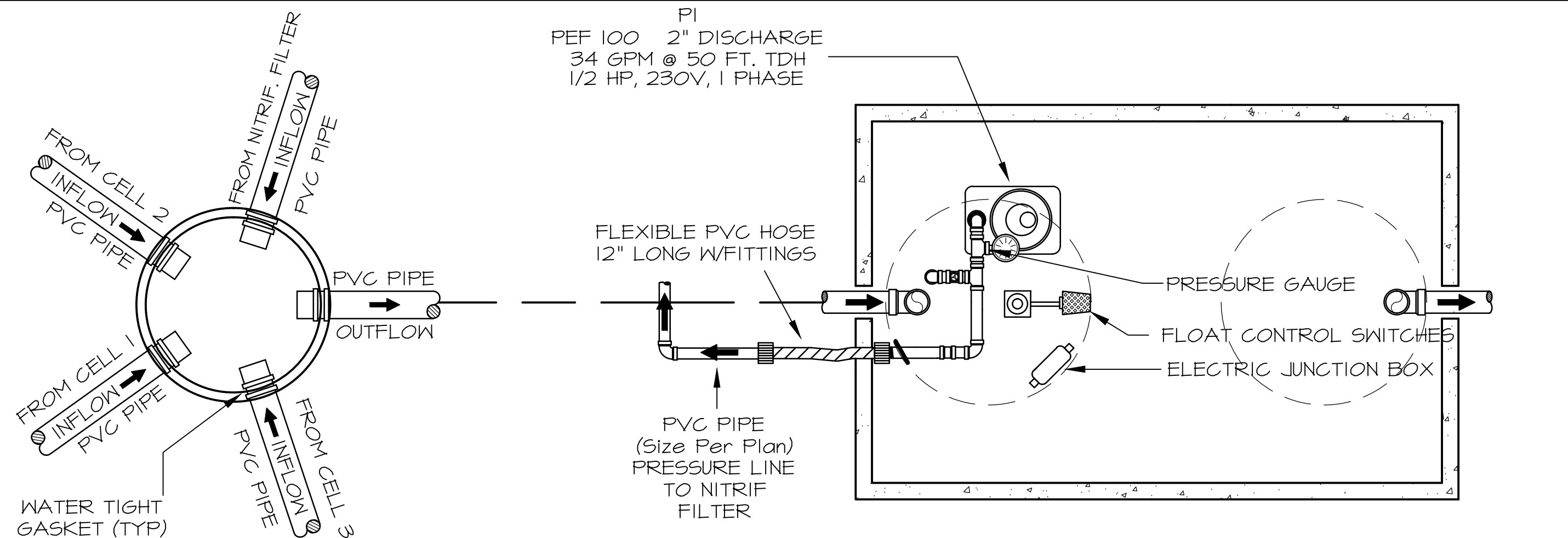
DETAILS

SHEET

OF

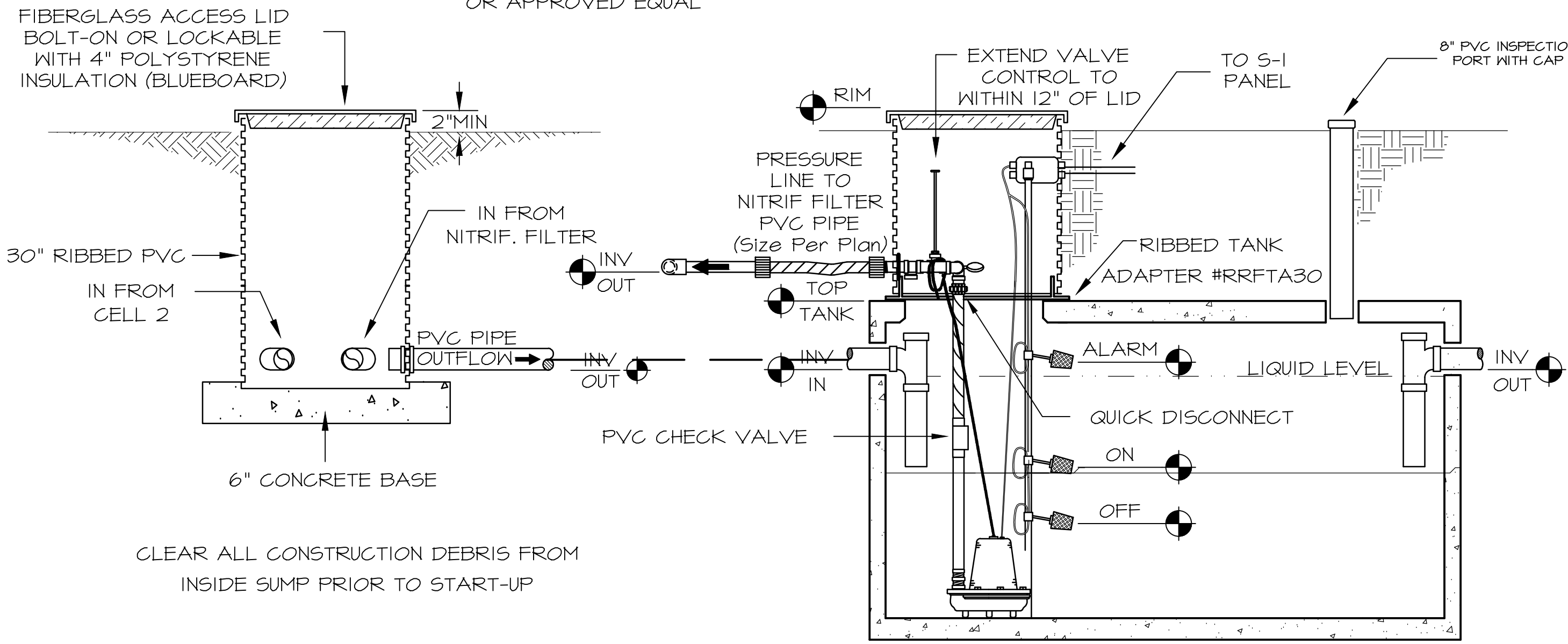
9





SUMP & PUMP AVAILABLE FROM
ORENCO SYSTEMS (541)459-4449
OR APPROVED EQUAL

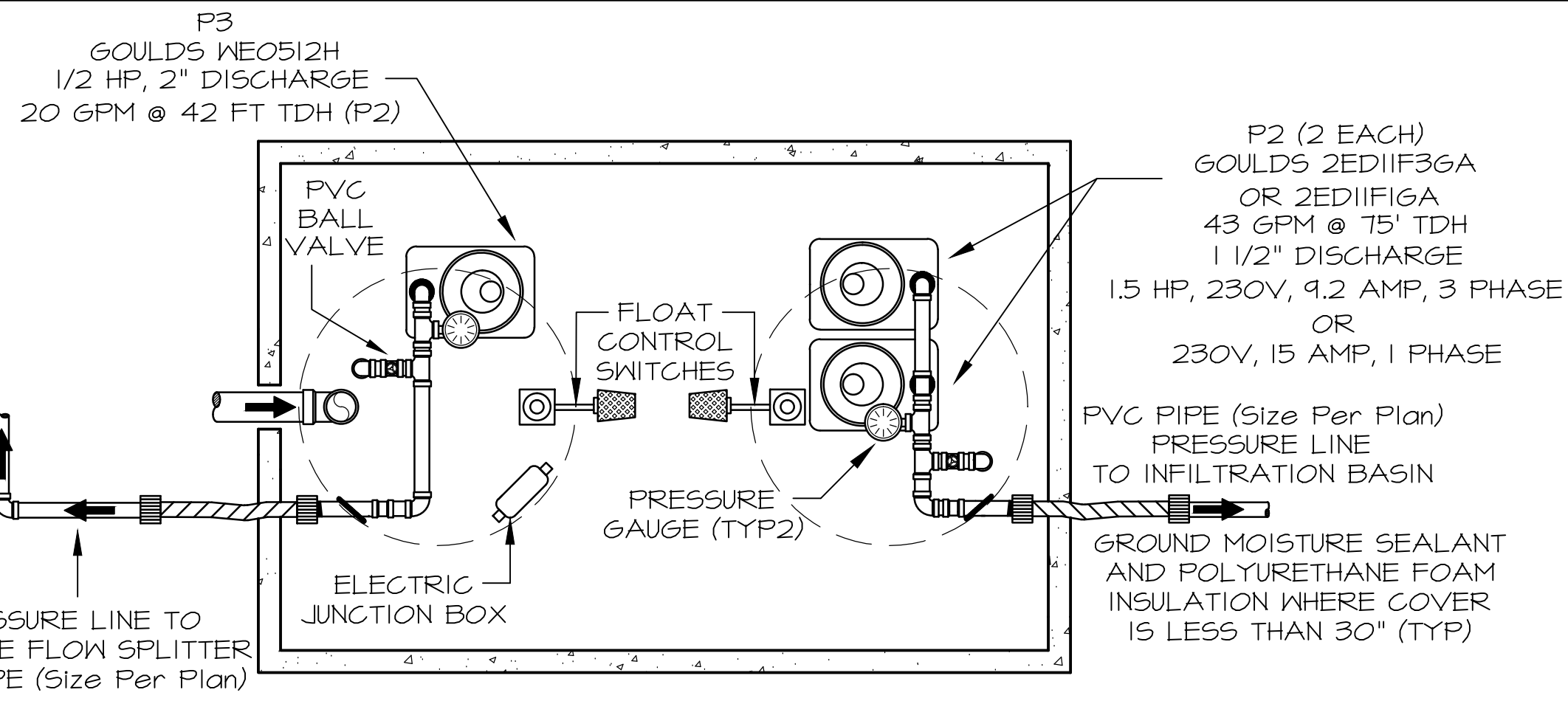
2500 GALLON DOSING TANK #1 PLAN



JUNCTION BOX

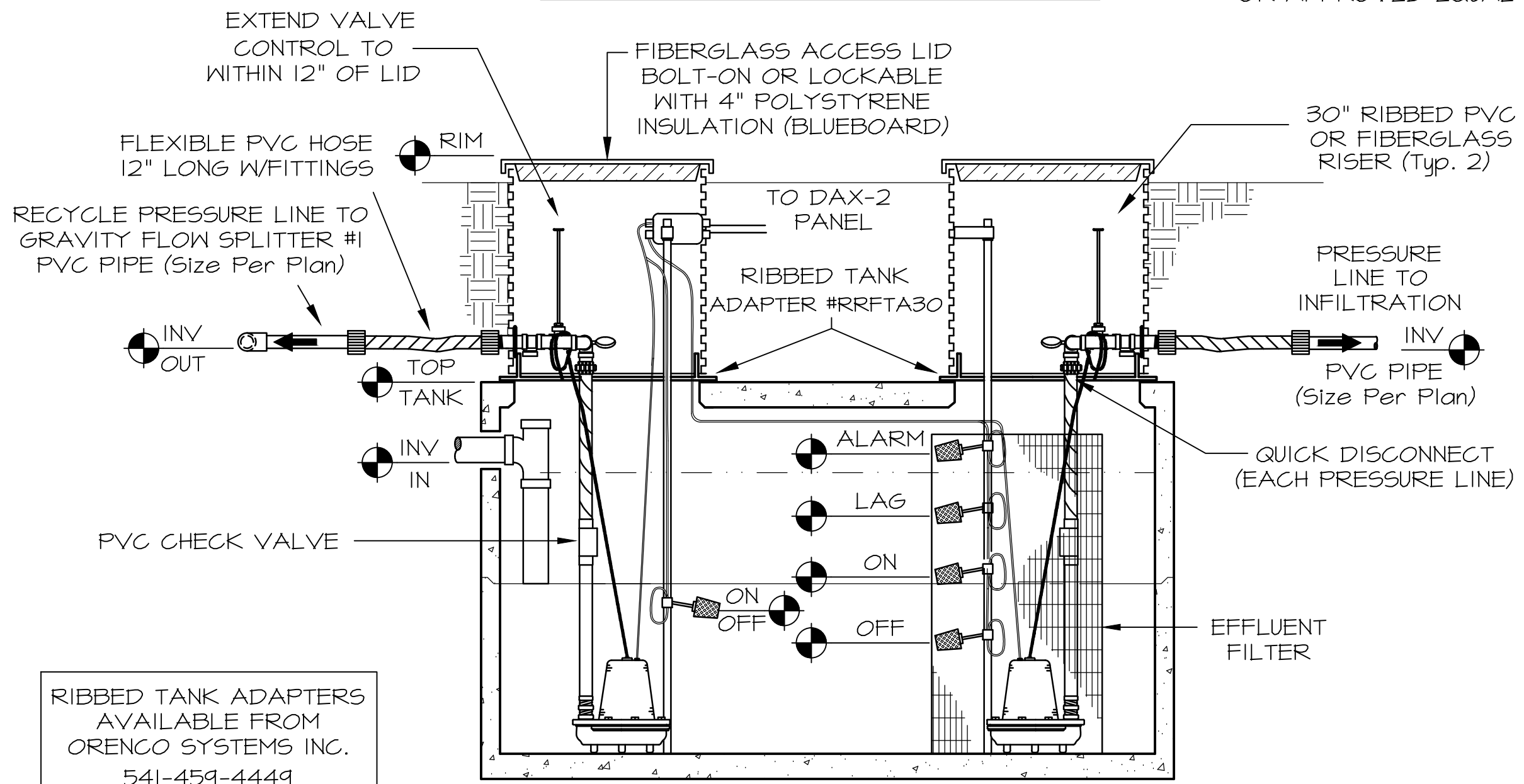
2500 GALLON DOSING TANK #1 SECTION

NOTE ALL PENETRATIONS OF SEPTIC TANKS TO BE SEALED WITH "LINKSEAL" OR AS SPECIFIED BY TANK MANUFACTURER



PUMPS AVAILABLE FROM
ORENCO SYSTEMS (541)459-4449
OR APPROVED EQUAL

1000 GALLON DOSING TANK #2 PLAN

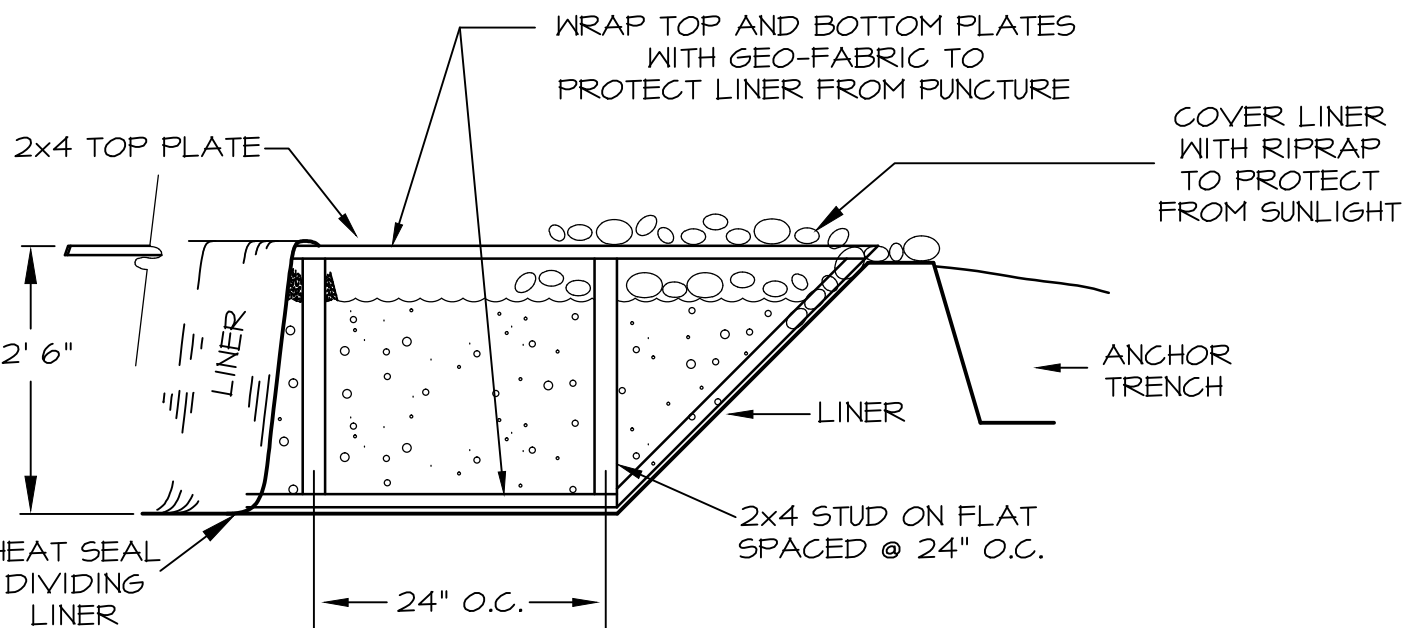


1000 GALLON DOSING TANK #2 SECTION

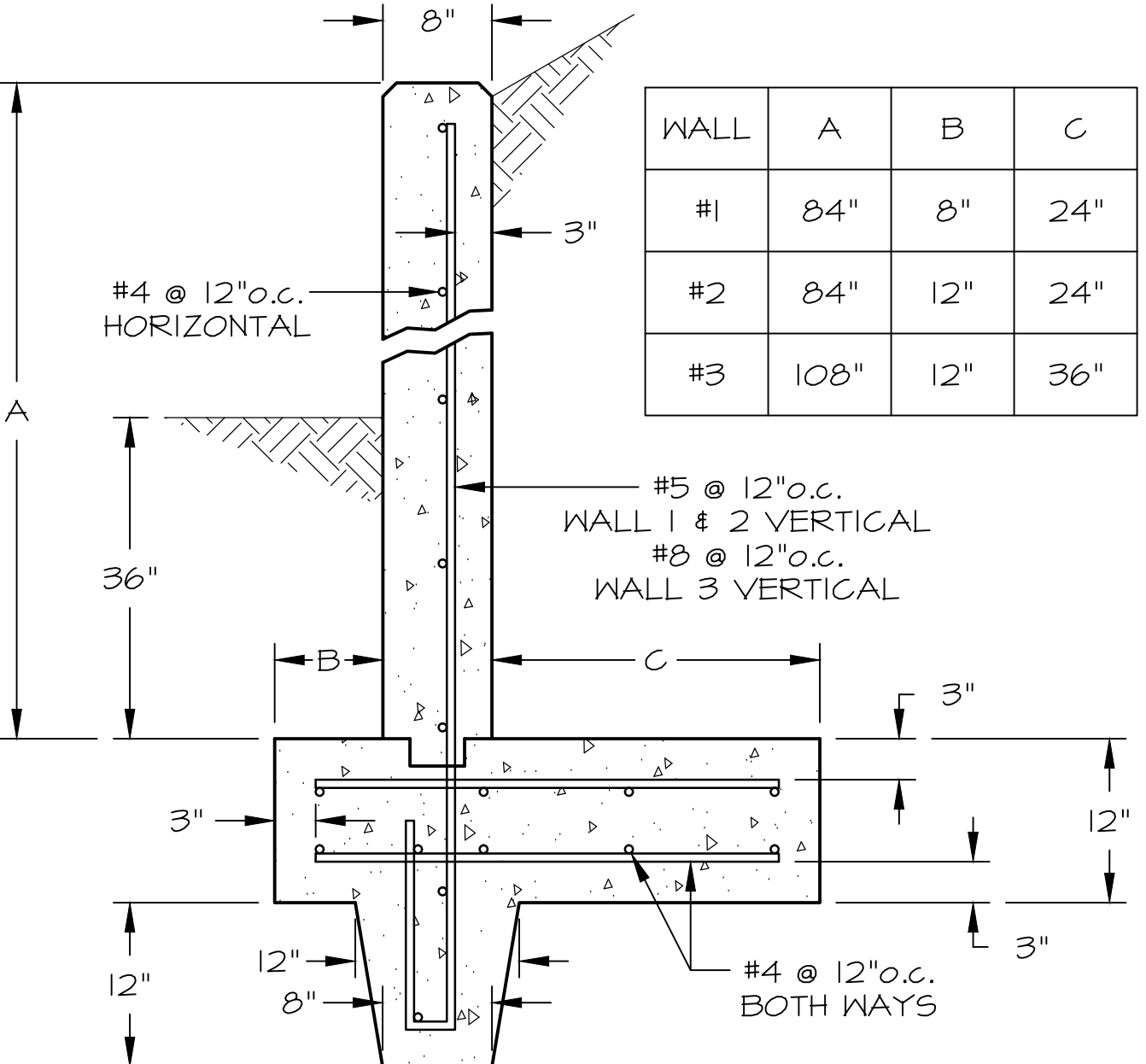
NOTE ALL PENETRATIONS OF SEPTIC TANKS TO BE SEALED WITH "LINKSEAL" OR AS SPECIFIED BY TANK MANUFACTURER

1
9 DOSING STATION #1
SCALE : NONE

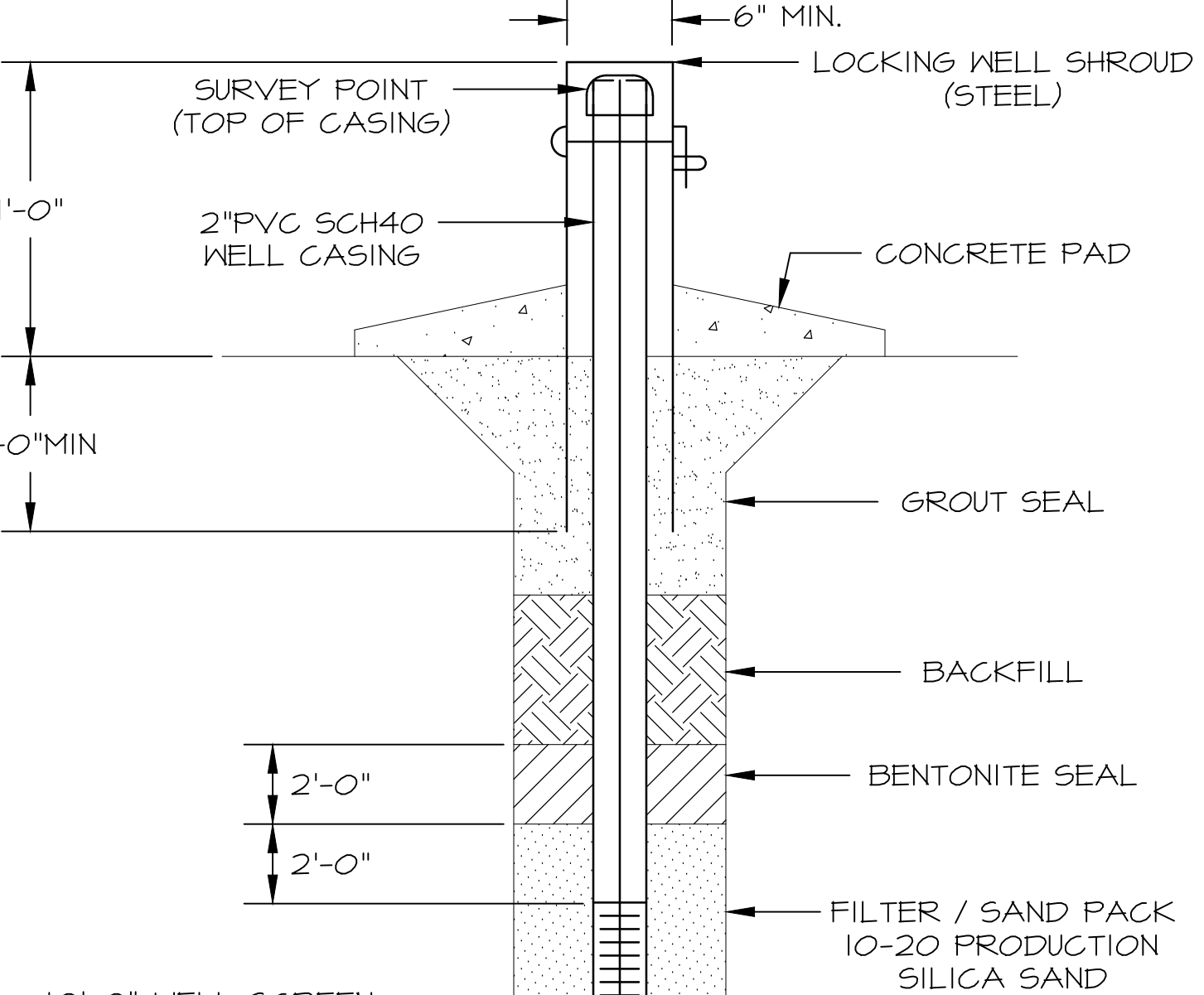
2
9 DOSING TANK #2
SCALE : NONE



3
9 WETLAND DIVIDER WALL
SCALE : NONE



4
9 RETAINING WALL
SCALE : NONE



5
9 MONITORING WELL
SCALE : NONE

PRAIRIE HILLS
SANTA FE COUNTY, NEW MEXICO
ON-SITE WASTEWATER TREATMENT



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DATE:	10/31/96
REVISIONS	
DATE:	DESCRIPTION
5/22/96	ADD MONITOR WELL DETAIL
10/23/96	MODIFY DOSING TANKS
10/28/96	ADD JUNCTION BOX
10/31/96	CHANGE P1 & P2 RISER REV.

DRAWN BY: ML
CHECK BY:
APPD BY:

JOB NO. 5233

SHEET TITLE
DETAILS

SHEET
9
OF
9