

**THE FOLLOWING CHANGES ARE PRESENTED HERE FOR
DRAWINGS**

1. Replace the previously submitted Drawings with that included here.

DRAWINGS

LOCATION MAP

APPROXIMATE SCALE



0 2000 4000 FEET

THESE DRAWINGS ACCOMPANY AND ARE PART OF THE PERMIT APPLICATION DOCUMENTS TITLED, "WESTMORELAND WASTE, LLC SANITARY LANDFILL, NORTH AND SOUTH EXPANSION PHASE II MAJOR PERMIT MODIFICATION", DATED DECEMBER 2001, REVISED NOVEMBER 2002 BY G.N. RICHARDSON AND ASSOCIATES, INC. AND RZI ENVIRONMENTAL MANAGEMENT CONSULTANTS.



**WESTMORELAND
SANITARY
LANDFILL**

CIVIL DESIGN SOLUTIONS, INC.
1331 State Ave. • Coraopolis, PA 15108
(412)299-2700 • (412)299-2922

SHEET	DRAWING TITLE	PREPARED BY	REVISION NO.
1	TITLE / COVER SHEET	CDS	G1
2	EXISTING SITE CONDITIONS	RZJ/GNRA	2
3	SITE DEVELOPEMENT PLAN	CDS	A
4	SUBGRADE PLAN – SOUTH EXPANSION	CDS	A
5	SUBGRADE PLAN – NORTH EXPANSION	CDS	A
6	TOP OF PROTECTIVE COVER – SOUTH EXPANSION	CDS	C
7	TOP OF PROTECTIVE COVER – NORTH EXPANSION	CDS	A2
8	PHASE S4–S3–A	RZI	5
8A	PHASE S4–S3–B	RZI	0
9A	PHASE S3–S2–A	RZI/GNRA	8
9B	PHASE S3–S2–B	RZI	8
10	PHASE S2–S1	RZI	7
11	PHASE S4 (THIS DRAWING HAS BEEN REMOVED)	RZI	2
12	PHASE S5	RZI	4
13	PHASE S6	RZI	3
14	PHASE N1	RZI	3
15	PHASE N2	RZI	3
16	PHASE S7	RZI	3
17	PHASE S8	RZI	3
18	PHASE N3	RZI/GNRA	2
19	PHASE N4	RZI/GNRA	2
20	PHASE N5	RZI/GNRA	2
21	PHASE N6	RZI/GNRA	2
22	PHASE N7	RZI/GNRA	2
23	FINAL GRADING & DRAINAGE PLAN – SOUTH EXPANSION	RZI/GNRA	3
24	FINAL GRADING & DRAINAGE PLAN – NORTH EXPANSION	RZI/GNRA	2
25	CROSS SECTION A–A	RZI/GNRA	3
26	CROSS SECTION B–B	RZI/GNRA	3
27	CROSS SECTION C–C	CDS	A
28	CROSS SECTION D–D	RZI/GNRA	2
29	CROSS SECTION E–E	RZI/GNRA	2
30	CROSS SECTION F–F	RZI/GNRA	2
31	CROSS SECTION G–G	RZI/GNRA	2
32	CROSS SECTION H–H	RZI/GNRA	2
33	CROSS SECTION I–I	RZI/GNRA	2

1. THESE DRAWINGS WERE ORIGINALLY PREPARED BY G.N. RICHARDSON AND ASSOCIATES, INC. (GNRA) AND RZI ENVIRONMENTAL MANAGEMENT CONSULTANTS (RZI). AVAILABLE REVISIONS TO THESE DRAWINGS HAVE BEEN IDENTIFIED IN THE TABLE ABOVE BY THE COMMENT THAT PREPARED THE REVISION DRAWING AND A REVISION NUMBER.
2. REVISION A, A1 AND A2 IDENTIFIED ON THE TABLE ABOVE DENOTES REVISIONS MADE BY CIVIL DESIGN SOLUTIONS, INC. AS PART OF A MINOR PERMIT MODIFICATION TO REVISE THE DRAINAGE PATTERNS WITHIN THE CELL 51 AREA. THE SHEET NUMBERS ON THESE REVISION SHEETS HAVE BEEN PRECEDED BY (2013-059) TO PROVIDE A UNIQUE REFERENCE FOR THE DRAWINGS.
3. REVISION B IDENTIFIED ON THE TABLE ABOVE DENOTES REVISIONS MADE BY CIVIL DESIGN SOLUTIONS, INC. AS PART OF A MINOR PERMIT MODIFICATION FOR THE USE OF A TEMPORARY GEOMEMBRANE TARP AND TO PROVIDE STORMWATER EROSION SEDIMENTATION CALCULATIONS. THE SHEET NUMBERS ON THESE REVISION SHEETS HAVE BEEN PRECEDED BY (2013-129) TO PROVIDE A UNIQUE REFERENCE FOR THESE DRAWINGS.
4. REVISION B AND B1 IDENTIFIED ON THE TABLE ABOVE DENOTES REVISIONS MADE BY CIVIL DESIGN SOLUTIONS, INC. AS PART OF A MINOR PERMIT MODIFICATION TO PRESENT A REPLACEMENT ENHANCED GAS MANAGEMENT SYSTEM DESIGN FOR CELL 51. THE SHEET NUMBERS ON THESE REVISION SHEETS HAVE BEEN PRECEDED BY (2013-158) TO PROVIDE A UNIQUE REFERENCE FOR DRAWINGS.
5. REVISION C IDENTIFIED ON THE TABLE ABOVE DENOTES REVISIONS MADE BY CIVIL DESIGN SOLUTIONS, INC. AS PART OF A MINOR PERMIT MODIFICATION TO PROVIDE UPGRADES TO THE LEACHATE CONVEYANCE SYSTEM. THE SHEET NUMBERS ON THESE REVISION SHEETS HAVE BEEN PRECEDED BY (2014-191) TO PROVIDE A UNIQUE REFERENCE FOR THESE DRAWINGS.
6. REVISION D IDENTIFIED ON THE TABLE ABOVE DENOTES REVISIONS MADE BY CIVIL DESIGN SOLUTIONS, INC. AS PART OF A MINOR PERMIT MODIFICATION TO IDENTIFY A HIGH STU GAS PROCESSING PLANT. REVISION D1 IDENTIFIES THOSE DRAWINGS REVISED AS PART OF THE RESPONSE TO PADEP ADMINISTRATIVE REVIEW COMMENTS SUBMITTED IN 11/2017.

SHEET	DRAWING TITLE	PREPARED BY	REVISION NO.
34	CROSS SECTION J-J	RZI/GNRA	2
35	CROSS SECTION K-K	RZI/GNRA	3
36	CROSS SECTION L-L	CDS	A
37	PERIMETER SECTION AND BERM DETAILS	RZI/GNRA	1
38	LINER DETAILS (SHEET 1 OF 2)	RZI/GNRA	2
39	LINER DETAILS (SHEET 2 OF 2)	CDS	C
40	LEACHATE COLLECTION DETAILS (SHEET 1 OF 7)	CDS	C
41	LEACHATE COLLECTION DETAILS (SHEET 2 OF 7)	CDS	C
42	LEACHATE COLLECTION DETAILS (SHEET 3 OF 7)	CDS	C
43	LEACHATE COLLECTION DETAILS (SHEET 4 OF 7)	RZI/GNRA	2
43A	LEACHATE COLLECTION DETAILS (SHEET 5 OF 7)	RZI/GNRA	3
43B	LEACHATE COLLECTION DETAILS (SHEET 6 OF 7)	RZI/GNRA	2
43C	LEACHATE COLLECTION DETAILS (SHEET 7 OF 7)	RZI	2
44	LEACHATE RISER PUMP HOUSE DETAILS	RZI/GNRA	2
45	LEACHATE MANAGEMENT PLAN AND DETAILS	CDS	C1
45A	LEACHATE MANAGEMENT PLAN AND DETAILS	CDS	C1
46	LEACHATE MANHOLE DETAILS	CDS	C1
46A	ON-SITE TREATMENT PIPING	CDS	G1
46B	ON-SITE TREATMENT MANHOLE	CDS	G1
47	STORMWATER MANAGEMENT PLAN	RZI/GNRA	2
48	SEDIMENTATION BASIN PLAN - EXISTING	CDS	D1
49	SEDIMENTATION BASIN D PLAN & SECTIONS	RZI/GNRA	2
50	SEDIMENTATION BASIN E PLAN & SECTIONS	RZI/GNRA	2
51	SEDIMENTATION PLAN F PLAN & SECTIONS	RZI/GNRA	2
51A	SEDIMENTATION BASIN G PLAN & SECTIONS	RZI/GNRA	1
52	STORMWATER MANAGEMENT DETAILS (SHEET 1 OF 3)	CDS	D1
53	STORMWATER MANAGEMENT DETAILS (SHEET 2 OF 3)	CDS	D1
54	STORMWATER MANAGEMENT DETAILS (SHEET 3 OF 3)	CDS	B
55	PERIMETER DRAINAGE CHANNEL PLAN & PROFILE	RZI/GNRA	2
56	NORTHERN EXPANSION ACCESS ROAD PLAN & PROFILE	RZI/GNRA	1
57	--- (SHEET REMOVED) ---	CDS	B
58	GAS MANAGEMENT PLAN	CDS	D1
59	GAS MANAGEMENT DETAILS (SHEET 1 OF 2)	CDS	B1
60	GAS MANAGEMENT DETAILS (SHEET 2 OF 2)	CDS	B
61	FINAL COVER DETAILS	CDS	A2
62	MISCELLANEOUS DETAILS	RZI/GNRA	2

7. REVISION E AND F WERE BOTH WITHDRAWN FROM THE PADEP PRIOR TO APPROVAL.

8. REVISION G IDENTIFIED ON THE TABLE ABOVE DENOTES REVISIONS MADE BY CIVIL DESIGN SOLUTIONS, INC. AS PART OF A TRIAL PROJECT TO PROPOSE ON-SITE LEACHATE TREATMENT.



NOTES

- | | | | | |
|----------|--------------|---|-----|-----|
| ① | 10/30/25 | REVISED GRADING FOR TREATMENT PLANT. | KAF | DWM |
| REV | DATE | DESCRIPTION | BY | CHK |
| DES | DJM 02/12/25 | PROJECT: SANITARY LANDFILL | | |
| CHECK | DWM 02/12/25 | ROSTRAVER TWP., WESTMORELAND COUNTY, PA | | |
| APPROVED | DWM 02/12/25 | SHEET TITLE: | | |
| SCALE | 1" = 50' | ON-SITE TREATMENT
PIPING | | |
| ISSUED | 02/2025 | | | |
| REVISION | 1 | | | |

①	10/30/25	REVISED GRADING FOR TREATMENT PLANT.		KAF	DWM
REV	DATE	DESCRIPTION		BY	CHK
DES	DJM	02/12/25	PROJECT: SANITARY LANDFILL ROSTRAVER TWP., WESTMORELAND COUNTY, PA SHEET TITLE: ON-SITE TREATMENT PIPING		
CHECK	DWM	02/12/25			
APPROVED	DWM	02/12/25			
SCALE	1" = 50'				
ISSUED	02/2025				
REVISION	1				

DRAWING NO:

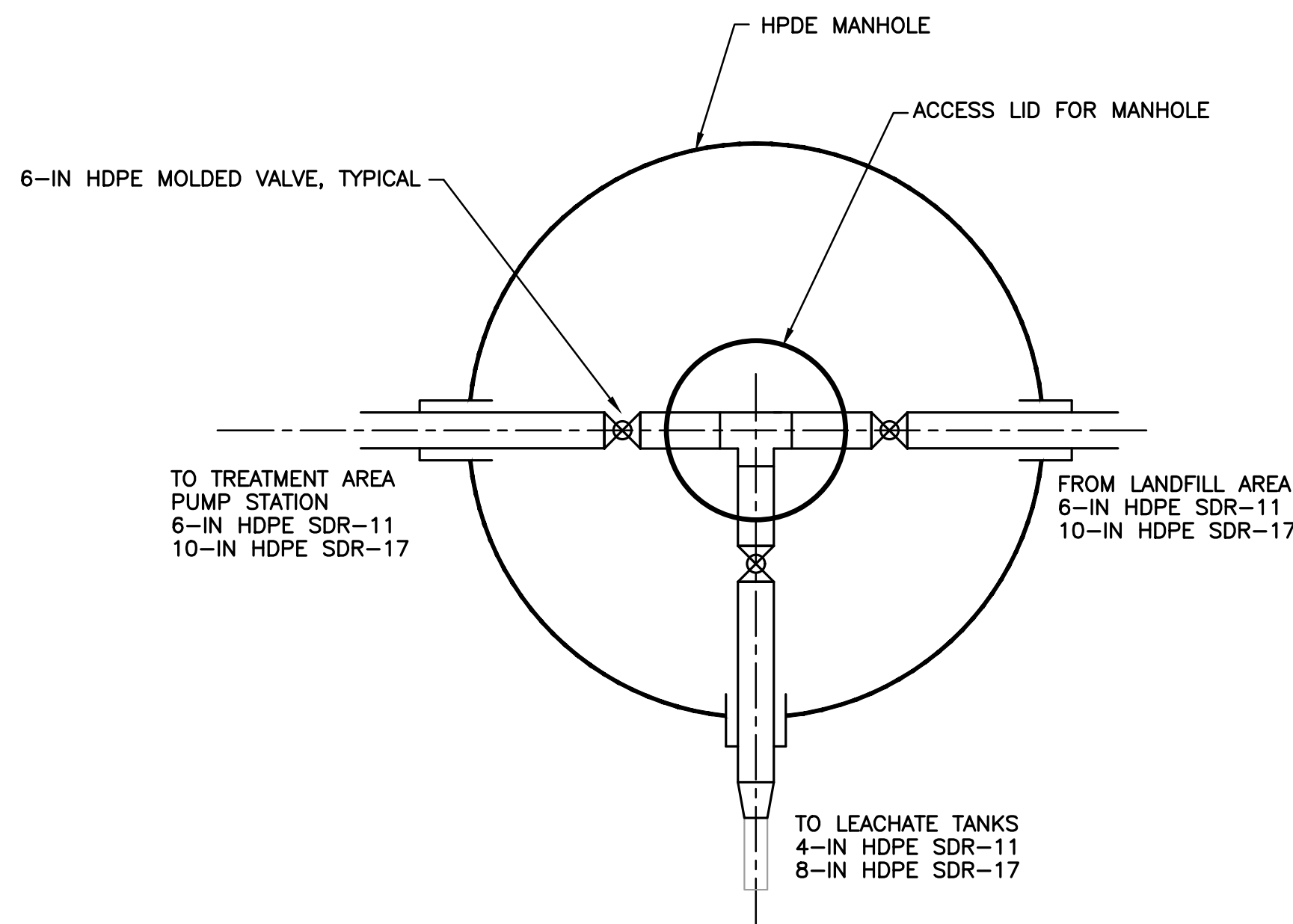
46A



A
46B **EXISTING VALVING MANHOLE**

NOT TO SCALE

NOTE: NO CHANGES PROPOSED TO EXISTING
MANHOLE SHOWN HERE. DETAIL INCLUDED
FOR REFERENCE AND COMPLETENESS.



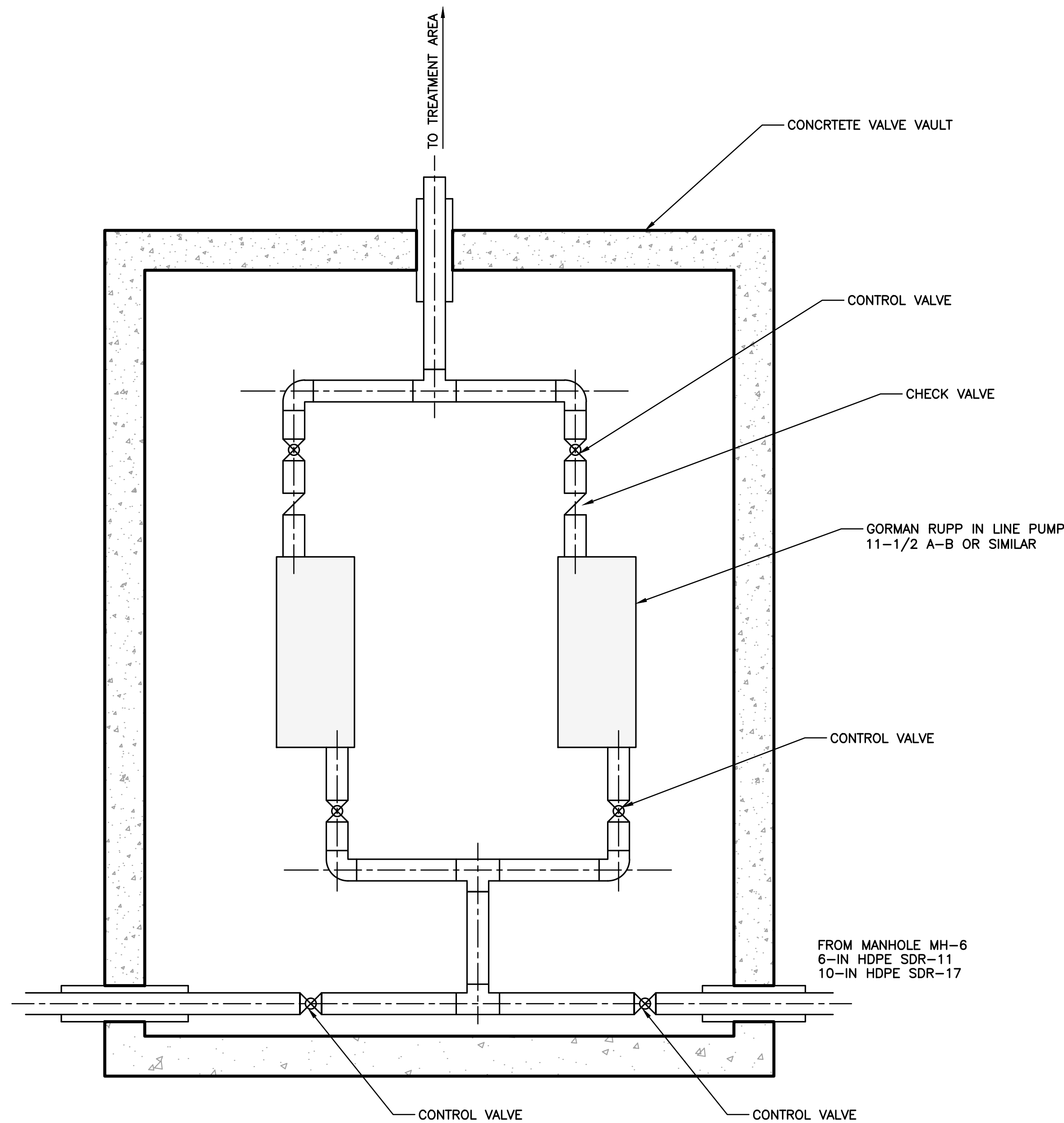
B
46B **EXISTING MANHOLE 6**

NOT TO SCALE

NOTE: NO CHANGES PROPOSED TO EXISTING
MANHOLE SHOWN HERE. DETAIL INCLUDED
FOR REFERENCE AND COMPLETENESS.

C
46B **PUMP STATION TO TREATMENT AREA**

NOT TO SCALE



REV	DATE	DESCRIPTION	BY	CHK
DES	DJM 02/12/25	PROJECT: SANITARY LANDFILL		
CHECK	DWM 02/12/25	ROSTRAVER TWP., WESTMORELAND COUNTY, PA		
APPROVED	DWM 02/12/25	SHEET TITLE:		
SCALE	N.T.S.	ON-SITE TREATMENT MANHOLES		
ISSUED	02/2025			
REVISION	-			
SHEET NO: (2024-098)-02			DRAWING NO: 46B	

