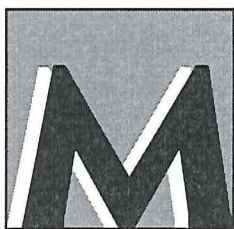
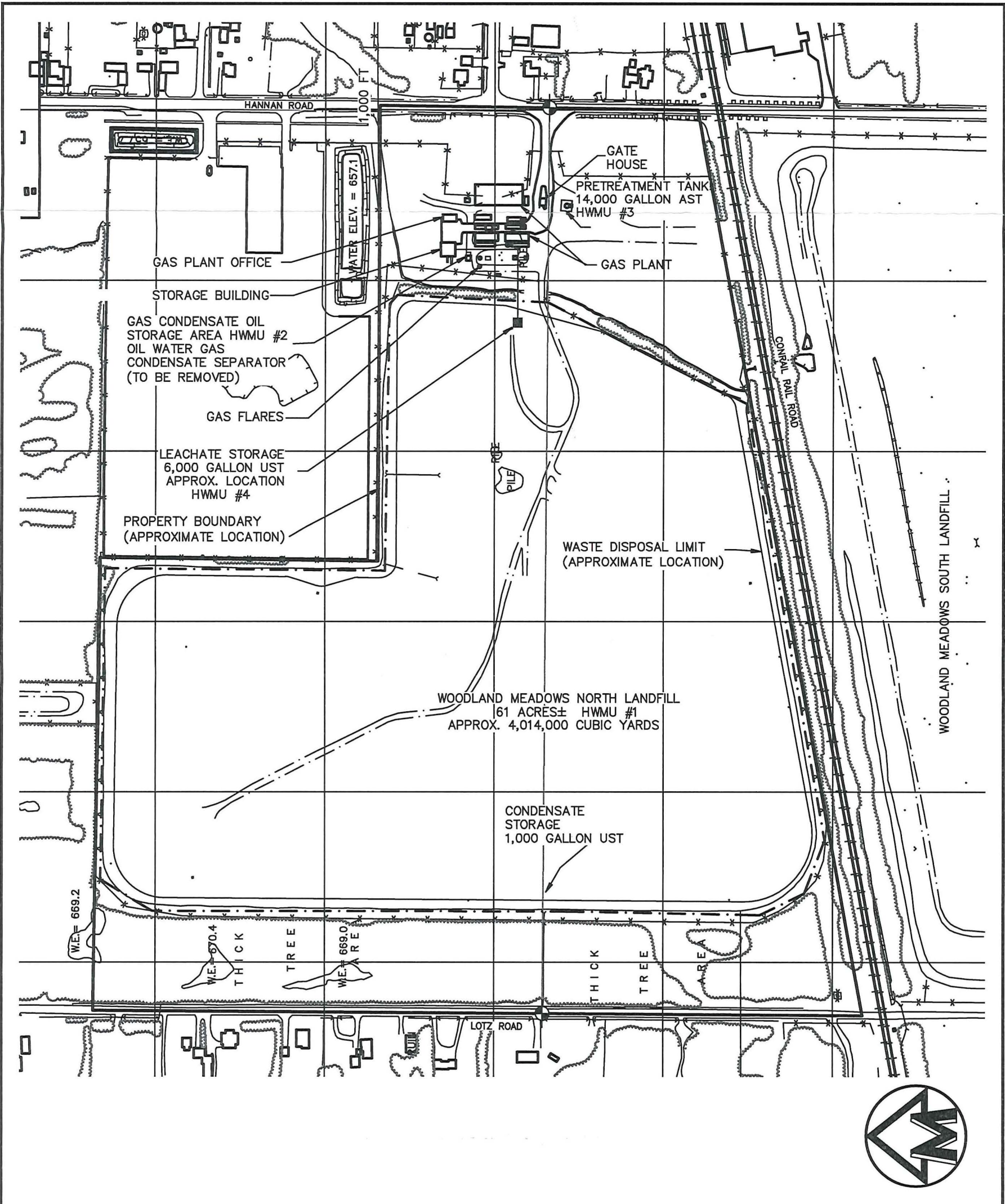


Attachment 3

Engineering Drawings



M I D W E S T E R N
C O N S U L T I N G

3815 Plaza Drive Ann Arbor, Michigan 48108
 (734) 995-0200 • www.midwesternconsulting.com
 Land Development • Land Survey • Institutional • Municipal
 Wireless Communications • Transportation • Landfill Services

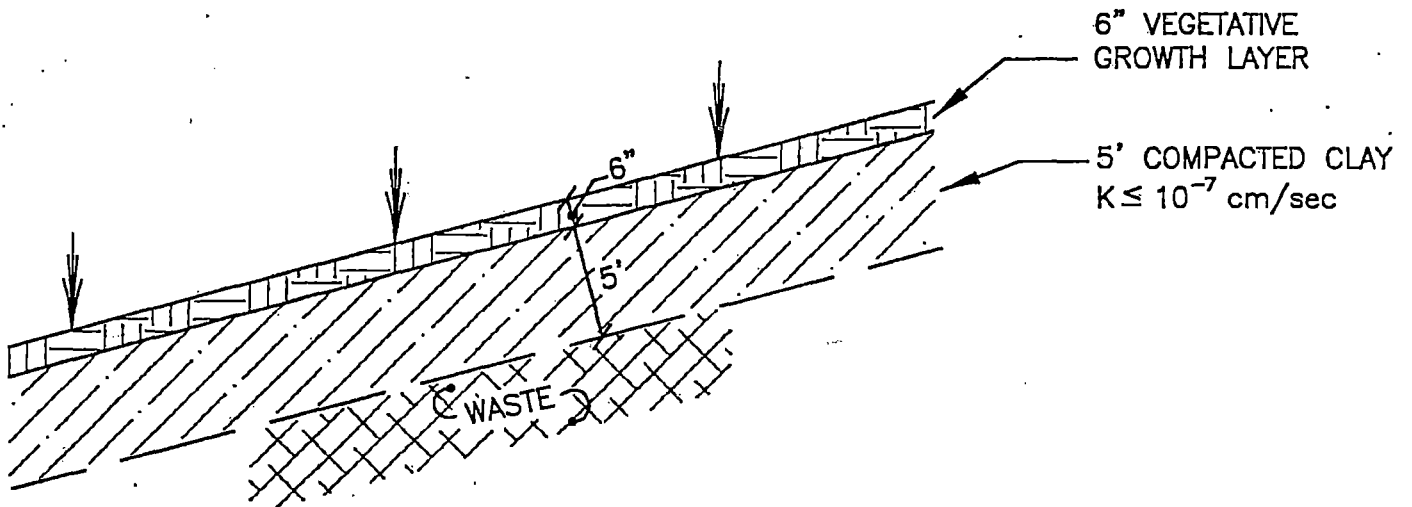
WOODLAND MEADOWS NORTH
FACILITY SITE PLAN

DATE: 4/27/18 JOB NO.: **18110**

SCALE: 1" = 400'



SHEET 1 OF 1



FINAL COVER DETAIL
 NOT TO SCALE

R:\02274\ACAD\DWG\02274\TOP\02274_FINAL COVER.dwg, 05/16/2003 09:19:44 AM, SFG

MIDWESTERN CONSULTING



Civil, Environmental and
 Transportation Engineers
 Planners, Surveyors
 Landscape Architects

3815 Plaza Drive
 Ann Arbor, Michigan 48108
 Phone: 734.995.0200
 Fax 734.995.0599

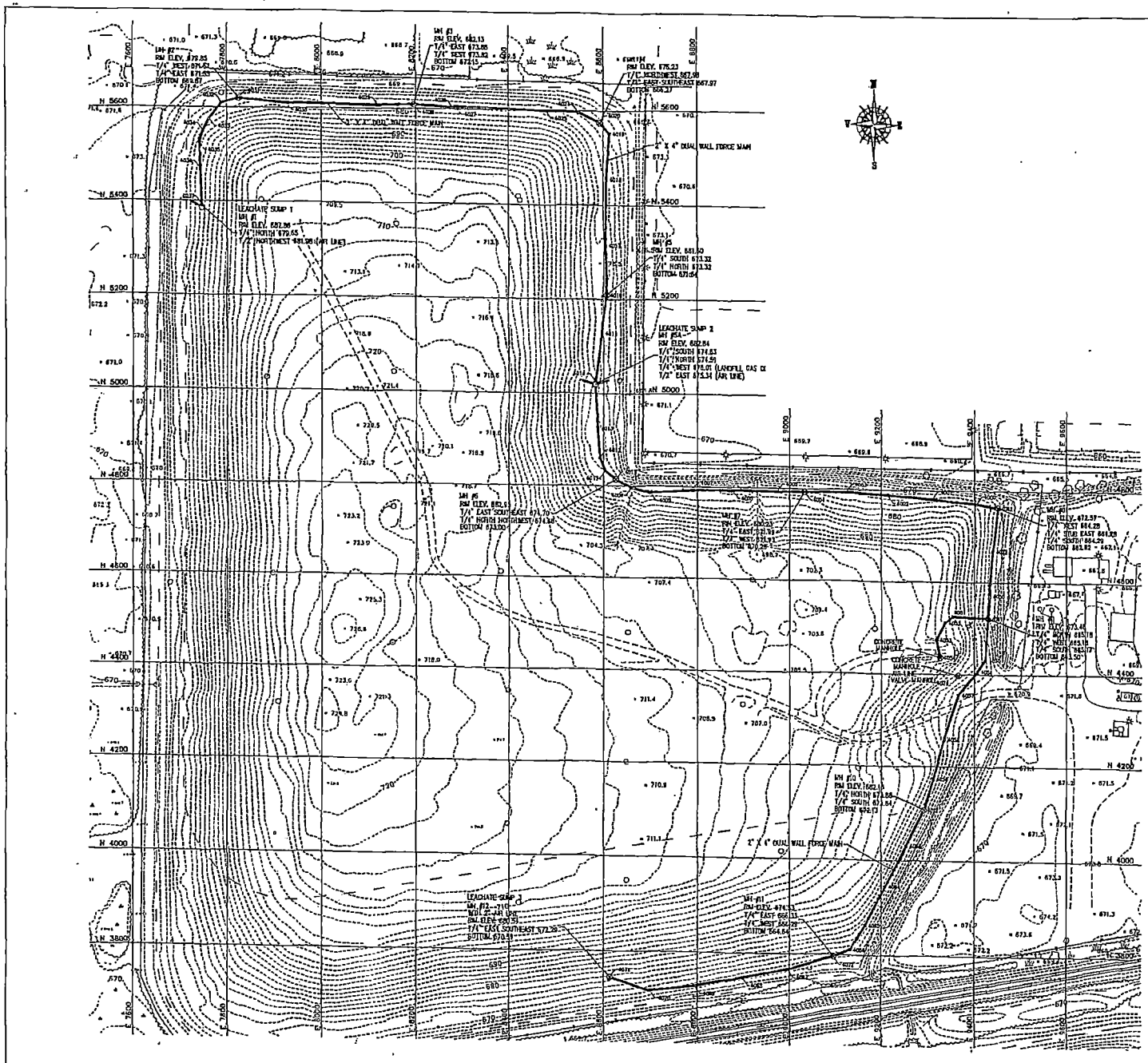
**WAYNE QUADRANGLE - USGS
 WOODLAND MEADOWS NORTH**

DATE: 4/18/03 JOB NO.:

SCALE: 1" = 2,000 FT

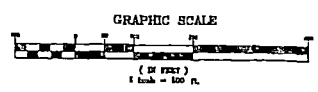
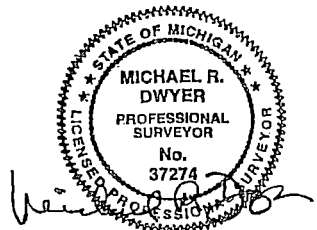


SHEET OF



RECORD LEACHATE COLLECTION PIPING POINTS

PIPING POINT	Stationing	Elev.	Remarks
4000	4771.81	843.38	879.03 1/4" WC
4001	4771.81	839.82	849.13 1/4" WC
4002	4786.11	821.28	828.26 1/4" WC
4003	4784.23	811.32	847.32 1/4" WC
4004	4784.04	803.37	803.33 1/4" WC
4005	4783.20	773.71	671.10 1/4" WC
4006	4783.78	827.41	671.06 1/4" WC
4007	4783.80	870.83	671.22 1/4" WC
4008	4786.35	806.13	671.23 1/4" WC
4009	4782.11	824.41	671.46 1/4" WC
4010	4811.00	826.45	802.85 1/4" WC
4011	4820.81	803.33	672.89 1/4" WC
4012	4811.72	824.43	672.53 1/4" WC
4013	4815.48	820.21	673.00 1/4" WC
4014	4820.37	822.90	682.41 1/4" WC
4015	5139.80	824.43	671.23 1/4" WC
4016	5074.22	807.53	681.80 1/4" WC
4017	5114.79	803.37	672.06 1/4" WC
4018	5432.00	800.00	842.85 1/4" WC
4019	5551.00	812.13	682.34 1/4" WC
4020	5374.28	824.18	679.33 1/4" WC
4021	4448.37	844.00	802.72 1/4" WC
4022	5551.37	827.27	687.86 1/4" WC
4023	6594.87	842.23	676.50 1/4" WC
4024	8062.37	827.82	672.92 1/4" WC
4025	8062.38	828.46	673.00 1/4" WC
4026	8408.18	818.88	674.13 1/4" WC
4027	8402.26	817.45	681.19 1/4" WC
4028	8416.02	782.84	674.17 1/4" WC
4029	8420.28	787.11	679.45 1/4" WC
4030	8404.14	770.13	676.46 1/4" WC
4031	8272.81	724.27	672.83 1/4" WC
4032	8404.81	711.47	673.26 1/4" WC
4033	8404.14	711.47	673.26 1/4" WC
4034	8404.14	711.47	673.26 1/4" WC
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4038	8404.14	711.47	673.26 1/4" WC
4039	8404.14	711.47	673.26 1/4" WC
4040	8404.14	711.47	673.26 1/4" WC
4041	8404.14	711.47	673.26 1/4" WC
4042	8404.14	711.47	673.26 1/4" WC
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4050	8404.14	711.47	673.26 1/4" WC
4051	8404.14	711.47	673.26 1/4" WC
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4070	8404.14	711.47	673.26 1/4" WC
4071	8404.14	711.47	673.26 1/4" WC
4072	8404.14	711.47	673.26 1/4" WC
4073	8404.14	711.47	673.26 1/4" WC
4074	8404.14	711.47	673.26 1/4" WC



RECORD DRAWING

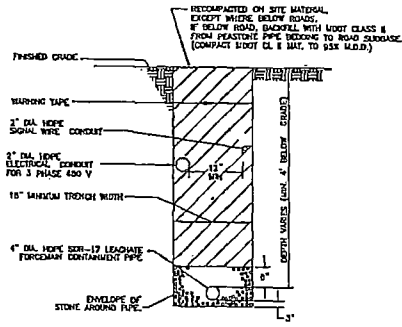
SCALE 1"=100'
 PROJECT NO. 7914-02
 FILE NAME: FRASE LEACHATE.DWG
 SHEET 1 OF 2

RECORD LEACHATE ESCAPE MAIN
 DECEMBER 2003
 WOODLAND MEADOWS, RD
 CITY OF ROMULUS, WAYNE COUNTY, MICHIGAN

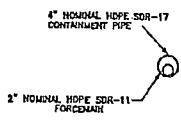
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MICHAEL R. DWYER
 PROFESSIONAL SURVEYOR
 No. 37274
 MICHIGAN PROFESSIONAL SURVEYOR

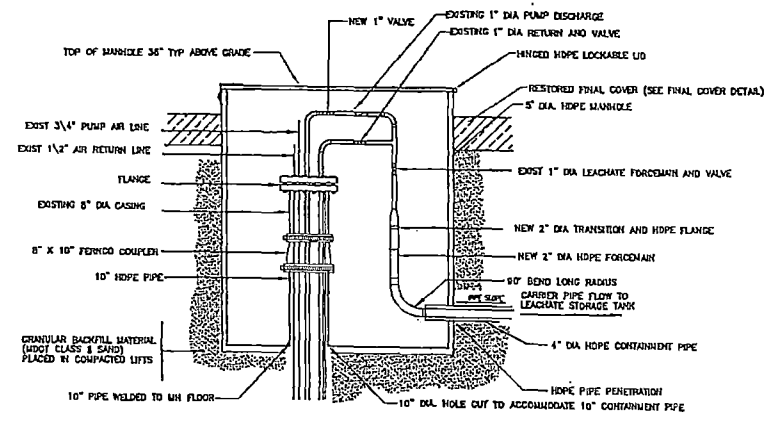
WOODLAND MEADOWS, RD.
 6800 HANNAN RD., WAYNE, MI 48184
 (734) 258-0993
 W.M. REEVE & ASSOCIATES, INC.
 1741 PARKWAY, LANSING, MICHIGAN 48202



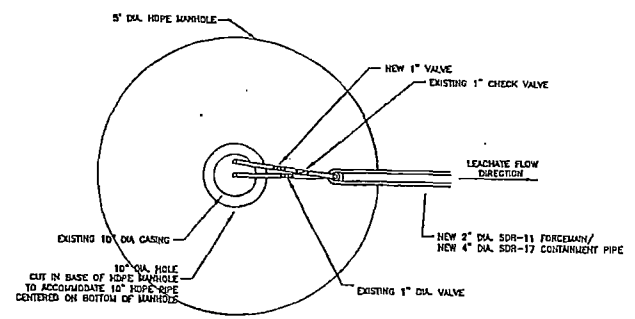
TYPICAL LEACHATE FORCEMAIN TRENCH
NOT TO SCALE



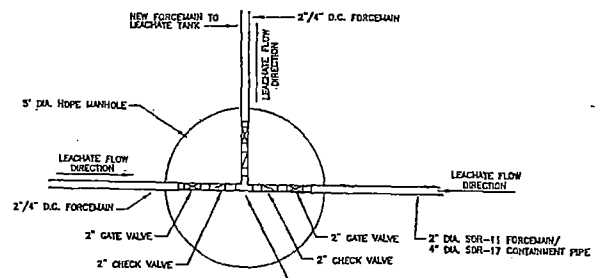
HOPE SECONDARY CONTAINMENT
PIPE TYPICAL CROSS SECTION
SCALE 1" = 1'-0"



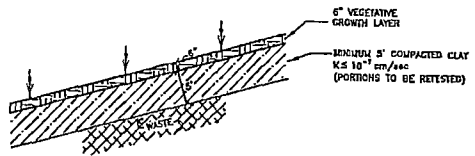
VALVE MANHOLE #1, #5A AND #12 AT RISER - PROFILE VIEW
NOT TO SCALE



VALVE MANHOLE #1, #5A AND #12 AT RISER - PLAN VIEW
NOT TO SCALE



VALVE MANHOLE #9 - PLAN VIEW
NOT TO SCALE



FINAL COVER DETAIL
NOT TO SCALE

NOTE:
THE DETAILS SHOWN HEREON WERE OBTAINED DIGITALLY FROM MIDWESTERN CONSULTING, JOB NUMBER 02274, SHEETS 5 OF 7 DATED 7/20/03 AND EXISTED BASED UPON THE CQA CONSULTANTS REVIEW OF CONSTRUCTION.

THE DETAILS PROVIDED HEREON WERE REVIEWED BY THE CQA CONTRACTOR, NTH CONSULTANTS, LTD., AND COMMENTS PROVIDED BY THE CQA CONTRACTOR WERE INCORPORATED.

DATE	02/20/03
SCALE	AS SHOWN
DRAWN BY	DAVID
CHECKED BY	DAVID
IN CHARGE	DAVID
PROJECT	RECORD LEACHATE FORCE MAIN
CITY	WOODLAND MEADOWS, MI
ADDRESS	8900 BLANMAN RD., WAYNE, MI 48164
PHONE	(734) 324-0993
FAX	
REV.	
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