


CITY OF ALBANY

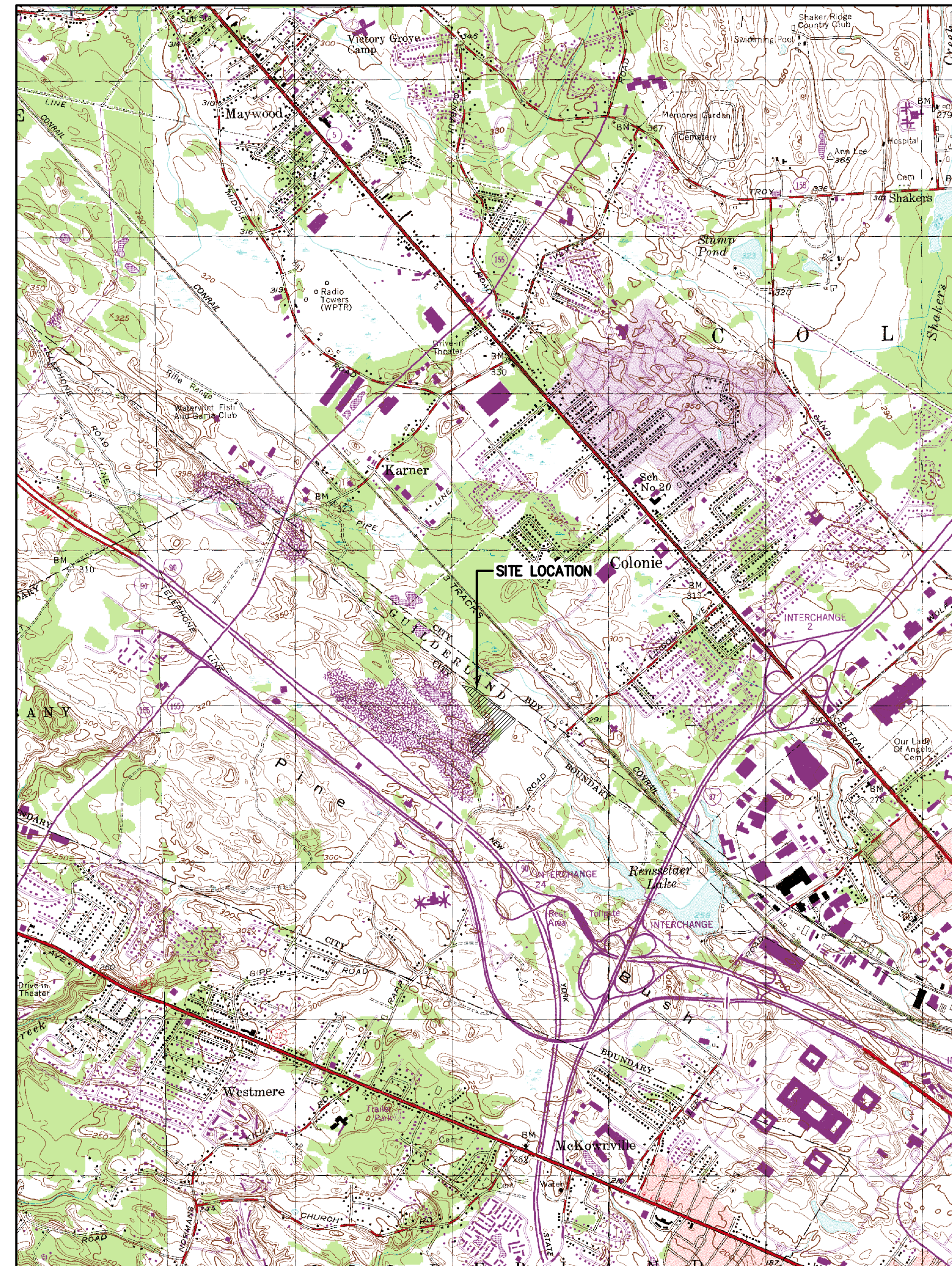
DEPARTMENT OF GENERAL SERVICES

RAPP ROAD LANDFILL EASTERN EXPANSION

CITY OF ALBANY

ALBANY COUNTY, NY

SHEET NUMBER	SHEET DESIGNATION	DESCRIPTION
1.	G1	COVER SHEET
2.	G2	LEGEND & GENERAL NOTES
3.	G3	VICINITY MAP
4.	G4	PROPERTY SURVEY MAP
5.	G5	EXISTING CONDITIONS PLAN
6.	G6	DEMOLITIONS/RELOCATIONS PLAN
7.	G7	LINER SUBGRADE PLAN
8.	G8	SECONDARY LINER/LCRS PLAN
9.	G9	PRIMARY LINER/LCRS PLAN
10.	G10	TOP OF LINER/LANDSCAPE/STORMWATER CONTROL PLAN
11.	G11	FINAL CLOSURE/LANDSCAPE/STORMWATER CONTROL PLAN
12.	G12	LINER/CLOSURE SYSTEM CROSS SECTIONS
13.	G13	SOLID WASTE PROGRESSION PLAN
14.	G14	SOLID WASTE PROGRESSION CROSS SECTION
15.	G15	GAS CONTROL SYSTEM PLAN
16.	G16	LEACHATE CONVEYANCE SYSTEM PLAN
17.	G17	LINER/COVER SYSTEM DETAILS
18.	G18	LINER/COVER SYSTEM DETAILS
19.	G19	GAS CONTROL SYSTEM DETAILS
20.	C20	LEACHATE COLLECTION SYSTEM DETAILS 

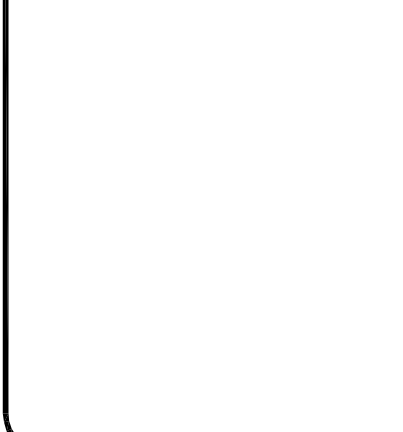
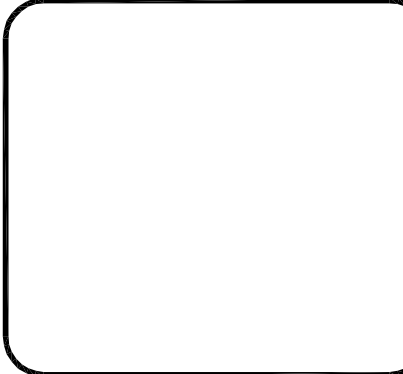


JULY 2007
PART 360 PERMIT
APPLICATION PLANS
NOT FOR CONSTRUCTION

PREPARED FOR
CITY OF ALBANY ON BEHALF OF ANSWERS
SOLID WASTE MANAGEMENT PLANNING UNIT
DEPARTMENT OF GENERAL SERVICES
ONE CONNERS BOULEVARD
ALBANY, NEW YORK 12204

File: K:\12204\EXPANSION\PART_360_APPLICATION\ACAD\REVISED_DWG_2-08\G-1_COVER_SHEET.DWG
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No.	Submitted / Revision	By	Date
1	ADDED SHEET G-20 TO LEGEND	WHM	7/22/08



CITY OF ALBANY
 DEPARTMENT OF GENERAL SERVICES
 ONE CONNERS BOULEVARD
 ALBANY, NEW YORK 12204



CHIA
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Designed: DF Drawn: CAP Checked:

RAPP ROAD LANDFILL
 EASTERN EXPANSION
 COVER SHEET

Project No.: 12206 Scale:
 Issue Date: 7/07

G-1

LEGEND

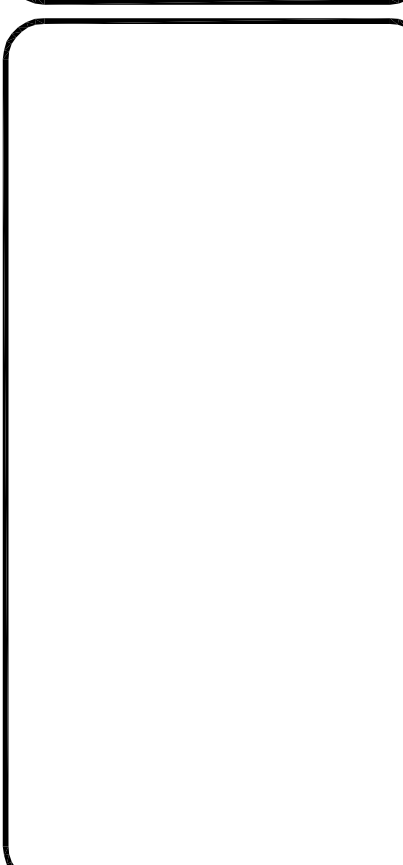
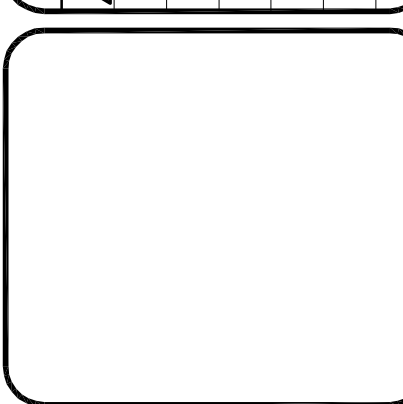
EXISTING		PROPOSED
	WOOD FENCE	
	CHAINLINK FENCE /METAL FENCE	
	STORM SEWER	
	GRAVITY SANITARY SEWER	
	FORCE MAIN	
	WATER LINE	
	UNDERGROUND GAS LINE	
	UNDERGROUND ELECTRIC	
	UNDERGROUND TELEPHONE	
	OVERHEAD ELECTRIC	
	OVERHEAD TELEPHONE	
	MAJOR CONTOUR LINE	
	MINOR CONTOUR LINE	
	SPOT ELEVATION	
	DITCH OR SWALE	
	SUBSURFACE WATER LIMIT	
	LIMIT OF PROJECT SITE	
	ADJOINING PROPERTY LINE	
	UTILITY EASEMENT	
	LIMIT OF GRADING & CLEARING	
	END SECTION	
	SILTATION FENCE	
	CATCH BASIN	
	MANHOLE	
	HYDRANT	
	WATER VALVE	
	UTILITY POLE	
	LIGHT POLE (SEE LIGHTING PLAN)	
	SIGN	
	TELEPHONE PEDESTAL	
	TRANSFORMER	
	IRON ROD, PIN, OR PIPE	
	CONCRETE MONUMENT	
	GAS METER	
	CURB	
	EDGE OF PAVEMENT	
	WETLAND FLAG & DELINEATION	
	HAND HOLE	
	BOLLARD/POST	
	BUSH/TREE LINE	
	TEST PIT	
	SOIL BORING	
	MONITORING WELL	
	BUILDING	
	TREES, SHRUBS, BUSHES	
	SANITARY SEWER	
	LIMITS OF STREAM	
	RIP RAP TOE STREAM	
	VIEW MARKER	
	DETAIL IDENTIFICATION SHEET NO. WHERE DETAIL IS SHOWN	

GENERAL NOTES

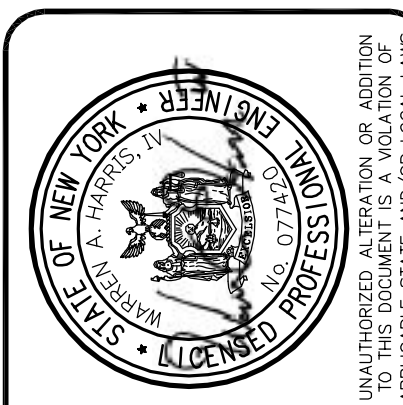
- TOPOGRAPHIC BASE MAPPING WAS PREPARED BY CLOUGH HARBOUR & ASSOCIATES LLP FROM AN OCTOBER 2006 FIELD SURVEY.
- ELEVATION CONTOURS IN THE CENTER PORTION OF THE P-4 PROJECT LANDFILL EXPANSION AREA HAVE BEEN MODIFIED TO DEPICT CURRENTLY PERMITTED FINAL CLOSURE GRADES.
- NORTH ORIENTATION IS BASED ON TRUE NORTH. BASELINE COORDINATES REFERENCE THE NEW YORK TRANSVERSE MERCATOR COORDINATE SYSTEM.
- CONTOURS AND ELEVATIONS ARE BASED ON PREVIOUSLY ESTABLISHED LANDFILL DATUM (USGS DATUM).
- THE SURVEY MAP IS SUBJECT TO ALL RIGHTS, EASEMENTS, COVENANTS OR RESTRICTIONS OF RECORD.
- THE WETLAND DELINEATION SHOWN WAS PERFORMED BY CLOUGH HARBOUR & ASSOCIATES LLP DURING NOVEMBER 2006.
- UNDERGROUND UTILITIES, STRUCTURES AND FACILITIES HAVE BEEN SHOWN FROM AN AERIAL SURVEY, THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHER UTILITIES WHICH THE EXISTENCE OF ARE NOT KNOWN. THE SIZE, TYPE AND LOCATION OF ALL UTILITIES AND STRUCTURES MUST BE VERIFIED BY PROPER AUTHORITIES PRIOR TO ANY AND ALL CONSTRUCTION. CALL DIG SAFELY NEW YORK PRIOR TO ANY EXCAVATION.
- ALL CONSTRUCTION MATERIALS, METHODS, QA/QC TESTING AND DOCUMENTATION FOR THE PROJECT SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND APPLICABLE SECTIONS OF 6 NYCRR PART 360.
- ALL MATERIALS USED, AND CONSTRUCTION METHODS EMPLOYED FOR WORK WITH REFERENCE TO NYSDOT ITEMS SHALL BE IN ACCORDANCE WITH THE "MATERIALS" AND "CONSTRUCTION DETAILS" SECTIONS OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS" OF JANUARY 2, 2002, LATEST ADDENDA.
- ALL EXCAVATION SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST REVISION OF NEW YORK STATE INDUSTRIAL CODE RULE 23 AND OSHA REGULATIONS FOR CONSTRUCTION.
- SAFE SLOPES AND GRADES SHALL BE MAINTAINED DURING ALL EARTHWORK COMPLETED FOR THE PROJECT.
- ALL EXCAVATION AND FILLING ASSOCIATED WITH LANDFILL CELL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. OVER-EXCAVATION WILL NOT BE PERMITTED UNLESS DEEMED NECESSARY BY THE ENGINEER.
- ALL FILL MATERIALS SHALL BE AS NOTED ON THE DRAWINGS AND DEFINED IN THE SPECIFICATIONS; AND SHALL BE FREE OF ORGANIC, SATURATED OR FROZEN MATERIAL.
- THE GROUND SURFACE SHALL BE CLEARED OF ALL TOPSOIL, REFUSE, BRUSH, ORGANIC MATERIALS, LARGE STONES AND LOSE DEBRIS PRIOR TO PLACING FILL FOR LANDFILL CONSTRUCTION.
- SUFFICIENT GRADING MUST BE COMPLETED DURING THE PROGRESS OF THE WORK SO THAT THE ENTIRE SITE IS WELL DRAINED AND FREE FROM STANDING WATER. TEMPORARY BERMS, DRAINAGE DITCHES, SUMPS WITH PUMPS, AND OTHER METHODS SHALL BE USED TO CONVEY WATER TO COLLECTION, RUNOFF OR DIVERSION AREAS AS REQUIRED.
- EROSION CONTROL MEASURES SHALL BE EMPLOYED THROUGHOUT LANDFILL CONSTRUCTION. CONTROLS SUCH AS HAY BALES AND SILT FENCING SHALL BE INSTALLED PRIOR TO INITIATION OF CONSTRUCTION TO CONFINE SEDIMENTATION TO THE PROJECT SITE.
- DRAINAGE SHALL BE CONTROLLED BY SEEDED DITCHES AND SWALES LOCATED AT THE TOE OF THE LANDFILL SLOPES. STONE SHALL BE USED WHERE NECESSARY TO PROTECT THE DRAINAGE DITCHES AND ADJACENT SLOPES FROM EROSION.
- ALL RUNOFF FROM EXISTING WASTE ADJACENT TO THE LANDFILL EXPANSION AND FUTURE WASTE PLACED THAT IS PLACED IN THE EXPANSION AREA SHALL BE COMPLETELY CONTAINED WITHIN THE LANDFILL LIMITS AND COLLECTED THROUGH THE LANDFILL LEACHATE COLLECTION SYSTEMS.
- ALL CONSTRUCTION COMPLETED FOR THE PROJECT SHALL BE PERFORMED UNDER THE OBSERVATION OF A REPRESENTATIVE OF A PROFESSIONAL ENGINEER LICENSES BY THE STATE OF NEW YORK. THE ENGINEER SHALL PREPARE A CONSTRUCTION CERTIFICATION REPORT IN ACCORDANCE WITH THE REQUIREMENTS OF 6 NYCRR PART 360-2.13(U).
- CONSTRUCTION OF NEW TEMPORARY OR PERMANENT GAS COLLECTION AND LEACHATE COLLECTION SYSTEMS SHALL BE COMPLETED AND THESE SYSTEMS OPERATIONAL PRIOR TO DEMOLITION OF THE EXISTING GAS COLLECTION AND LEACHATE COLLECTION SYSTEMS.

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Submittal/Revision	By	Date
REVISOR GENERAL NOTES 3 & 4	MWH	2/22/09

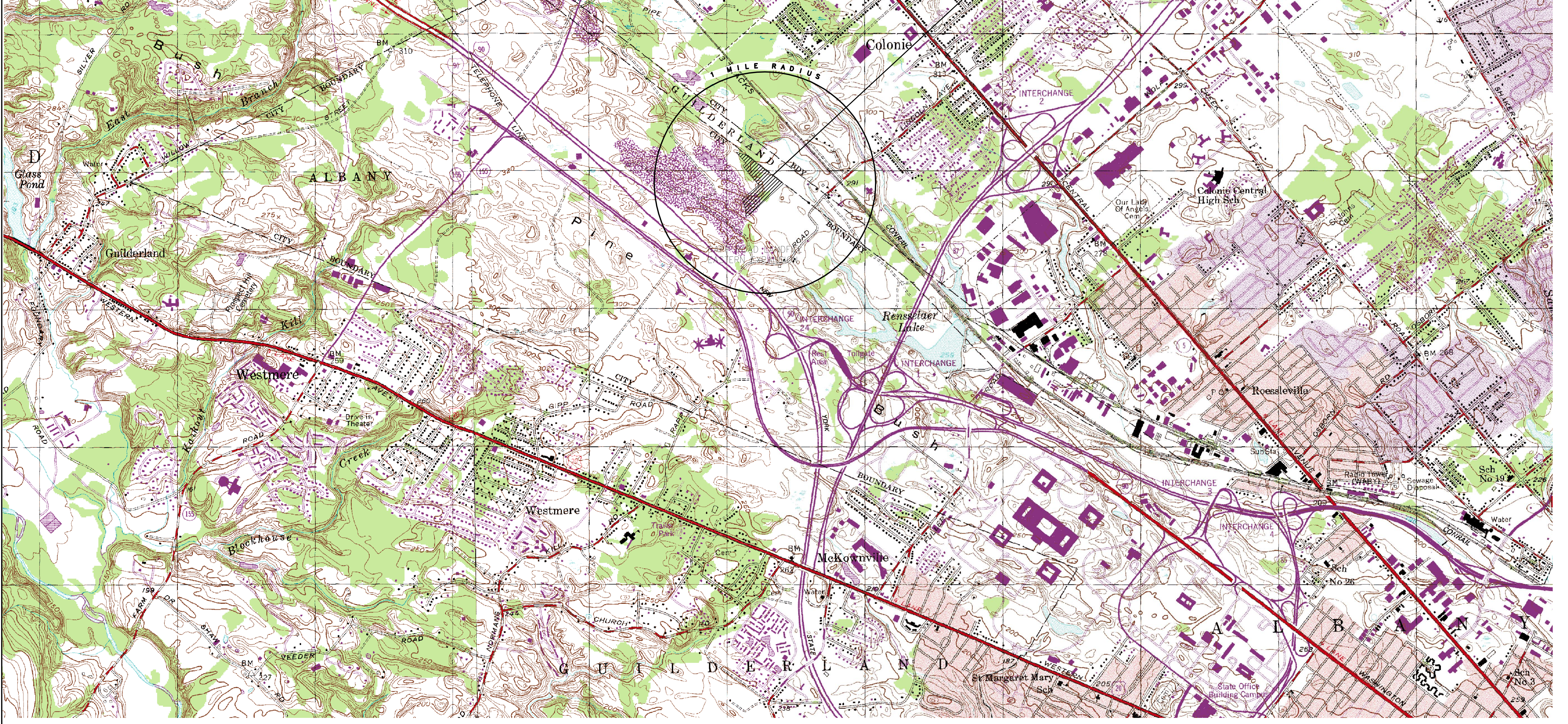
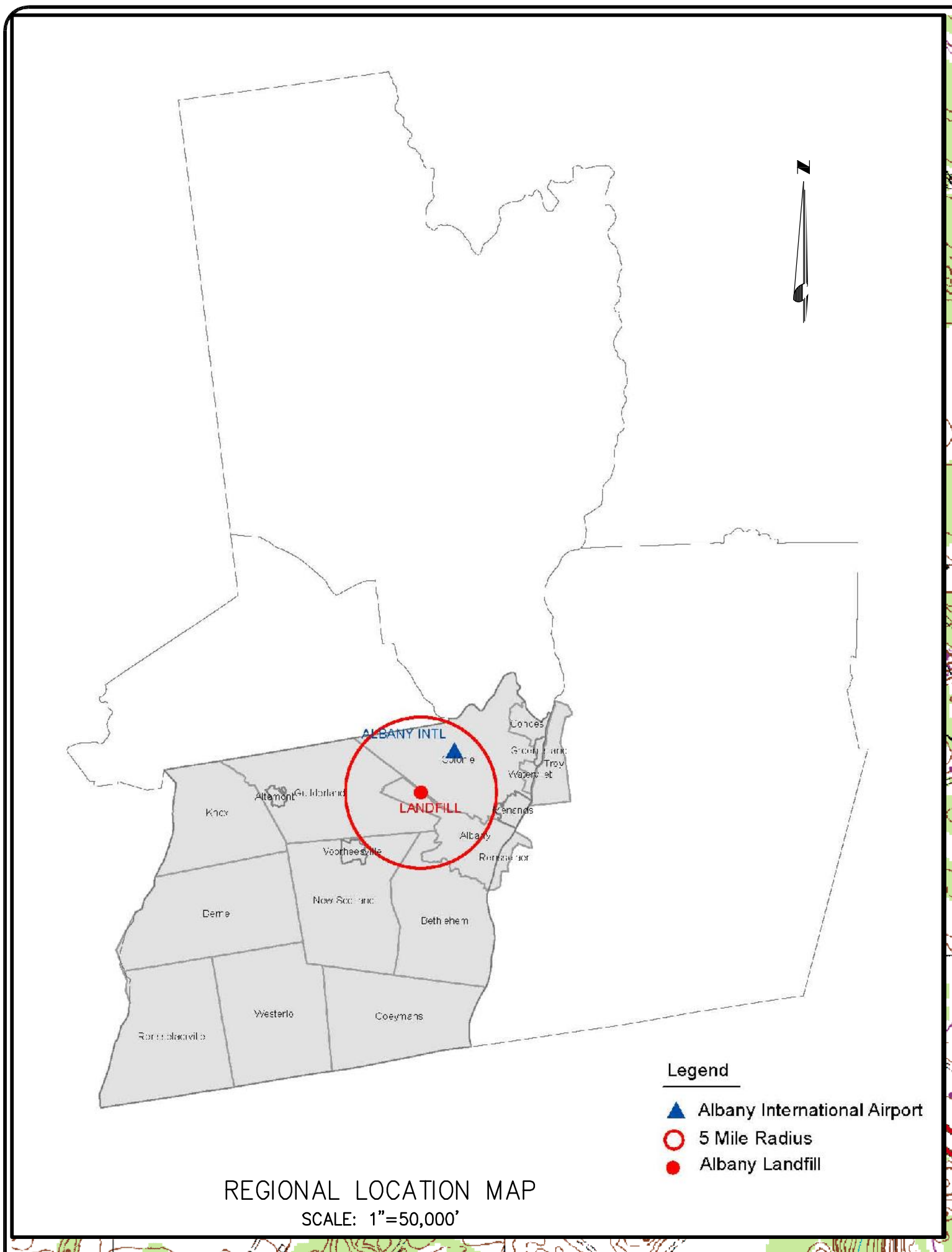


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 DEPARTMENT OF GENERAL SERVICES
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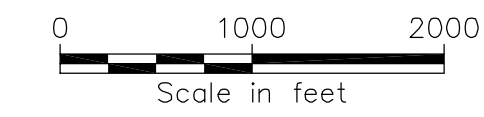


Clough Harbour & Associates LLP
 111 Western Circle, PO Box 5209 Albany, NY 12204-0209
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Issue Date: 7/07
 Project No.: 12206
 Scale:
 RAPP ROAD LANDFILL
 EASTERN EXPANSION
 LEGEND & GENERAL NOTES

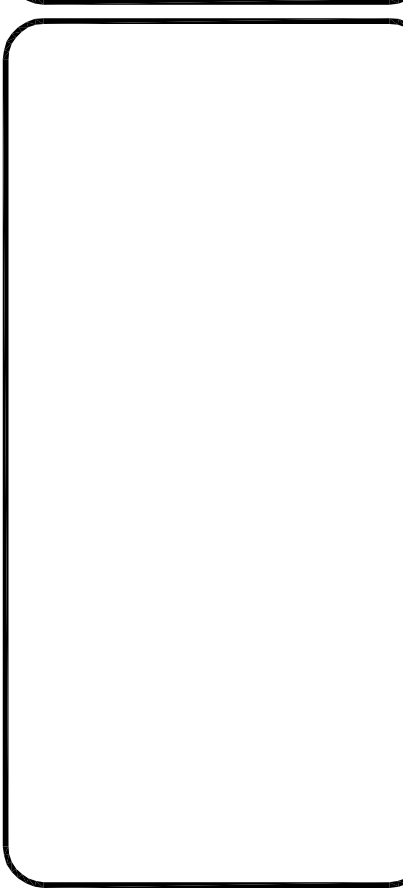
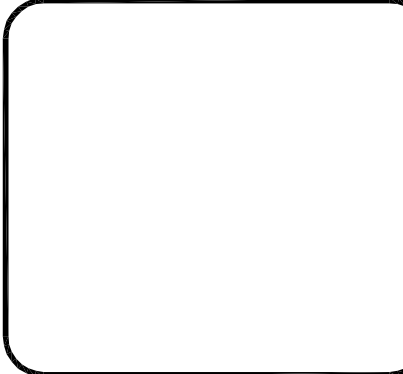


VICINITY MAP

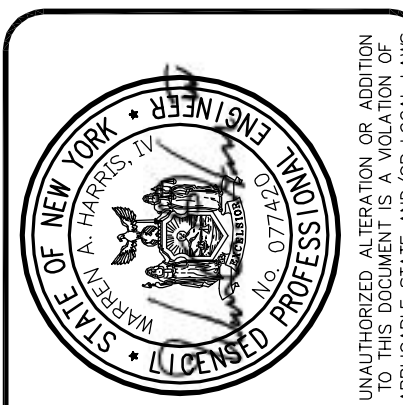


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DEPARTMENT OF GENERAL SERVICES
ONE CONNORS BOULEVARD
ALBANY, NEW YORK 12204



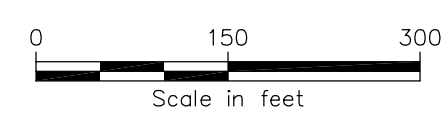
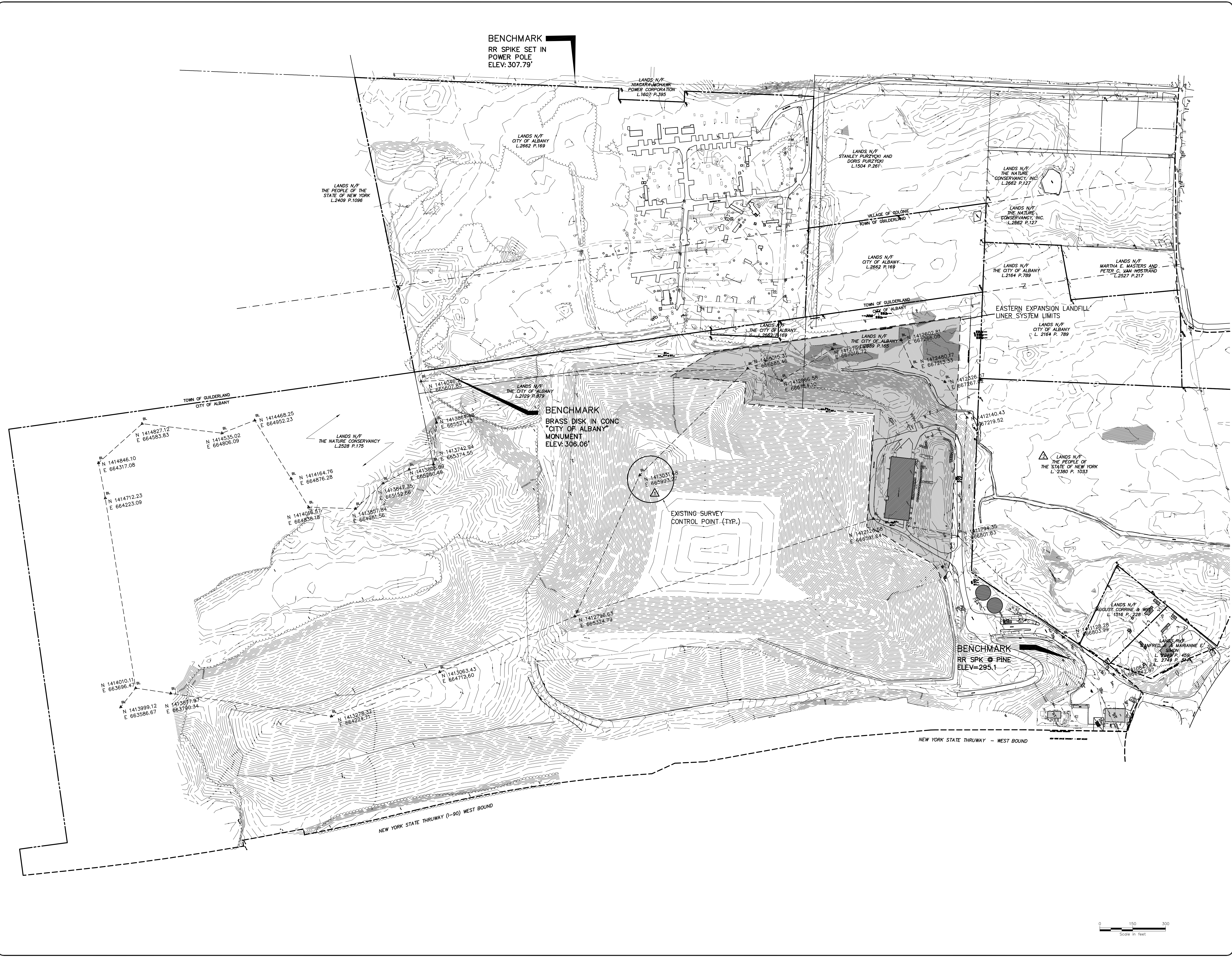
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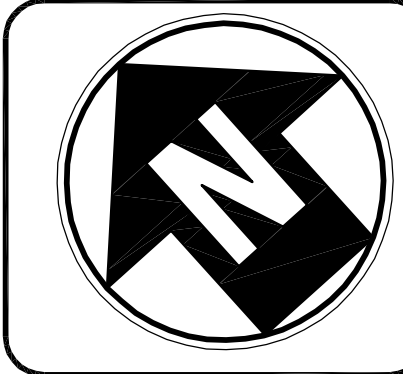
RAPP ROAD LANDFILL
EASTERN EXPANSION
REGIONAL / VICINITY MAP
Project No.: 12206
Scale:

G-3

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No.	Submitted / Revision	By	Date
1	REVISED BASELINE COORDINATES	WHI CAP	2/22/09
2	REVISED PROPERTY OWNER TO "THE PEOPLE OF THE STATE OF NEW YORK"	WHI CAP	2/22/09



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 DEPARTMENT OF GENERAL SERVICES
 ONE CONNORS BOULEVARD
 ALBANY, NEW YORK 12204



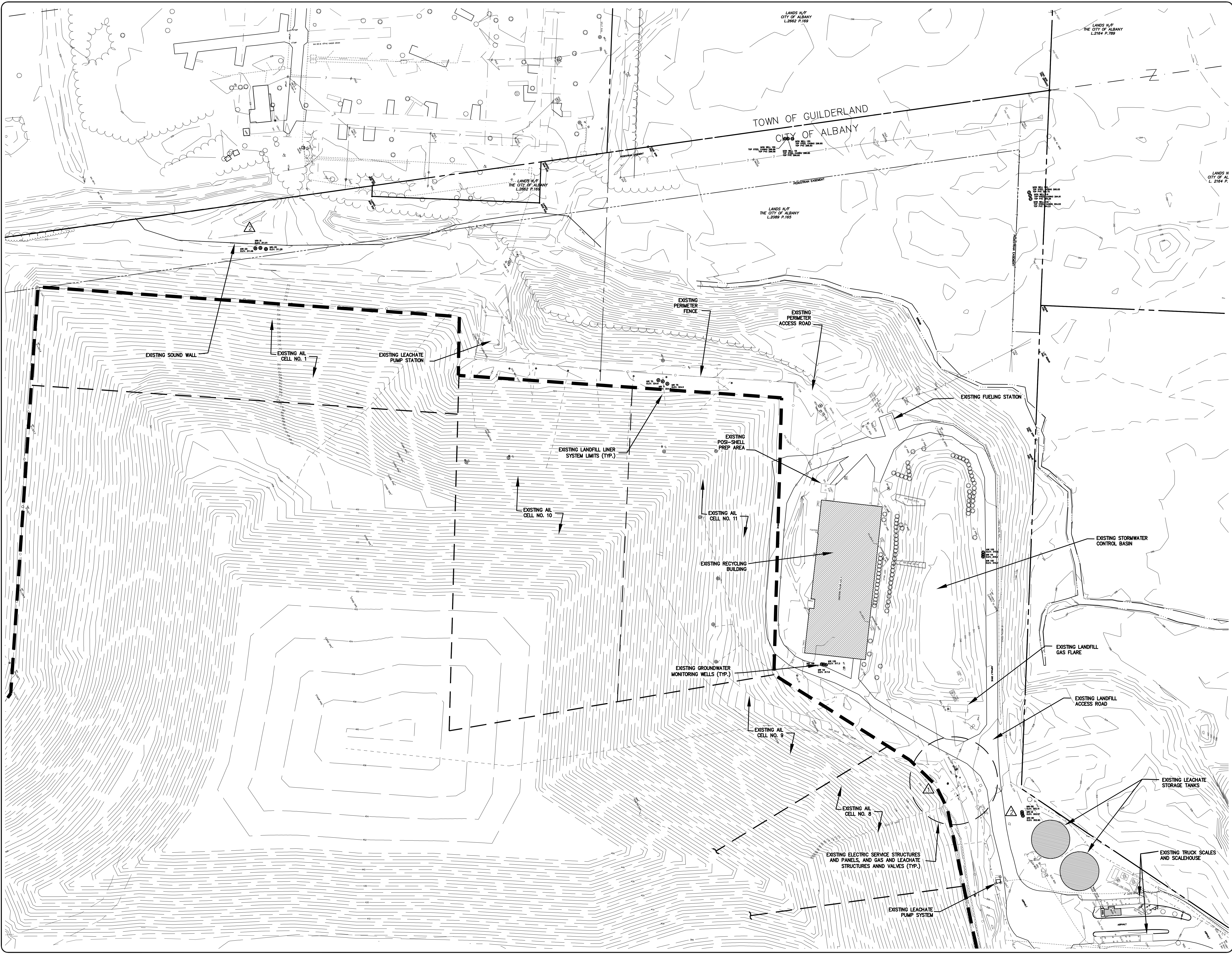
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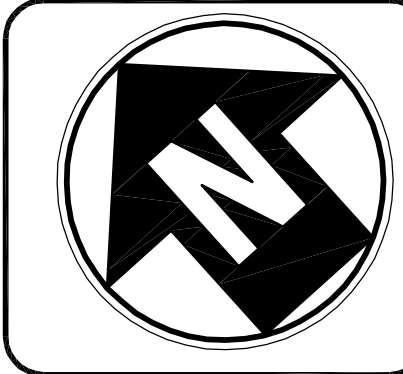
RAPP ROAD LANDFILL
 EASTERN EXPANSION
 PROPERTY SURVEY PLAN

Project No.: 12206
 Scale:
 Issue Date: 7/07

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No.	Summary / Revision	By	Date
1	REMOVED SMALL, OBSOBE TEXT	WJH	2/22/08
2	ADDED MONITORING WELL LABELS	WJH	2/22/08



CITY OF ALBANY
 DEPARTMENT OF GENERAL SERVICES
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 ALBANY, NEW YORK 12204



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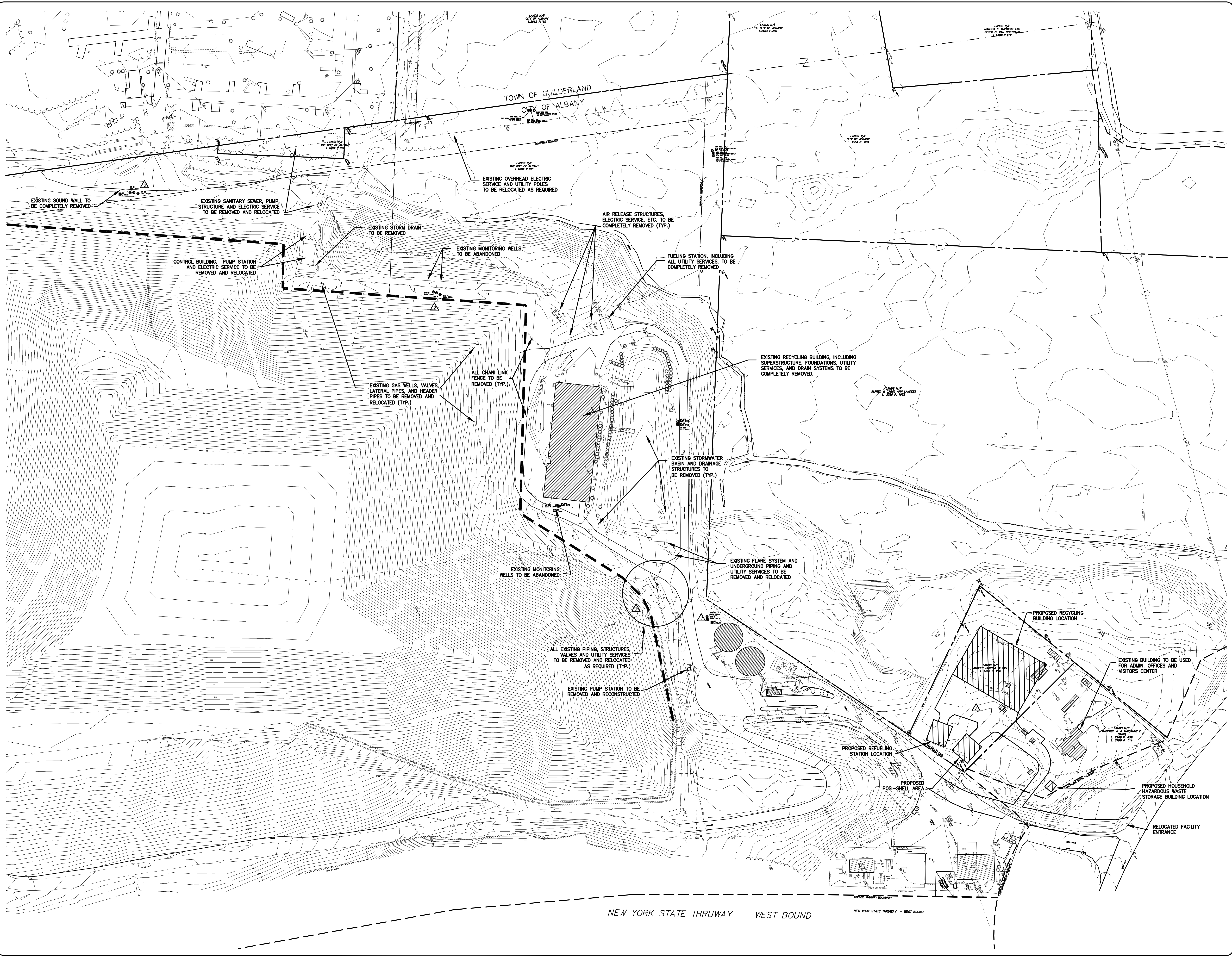
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RAPP ROAD LANDFILL EASTERN EXPANSION
 EXISTING CONDITIONS

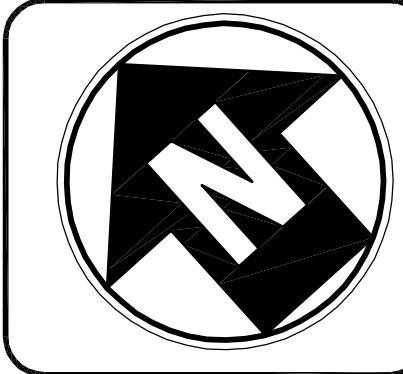
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 Issue Date: 7/07

G-5

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No.	Submitted / Revision	By	Date
1	REMOVED SMALL, OBSCURED TEXT	WHI	CAP 2/22/08
2	ADDED MONITORING WELL LABELS	WHI	CAP 2/22/08
3	ADDED FACILITIES TO BE RELOCATED	WHI	CAP 2/22/08



CITY OF ALBANY
 DEPARTMENT OF GENERAL SERVICES
 ONE CONNORS BOULEVARD
 ALBANY, NEW YORK 12204

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 ONE CONNORS BOULEVARD
 ALBANY, NEW YORK 12204

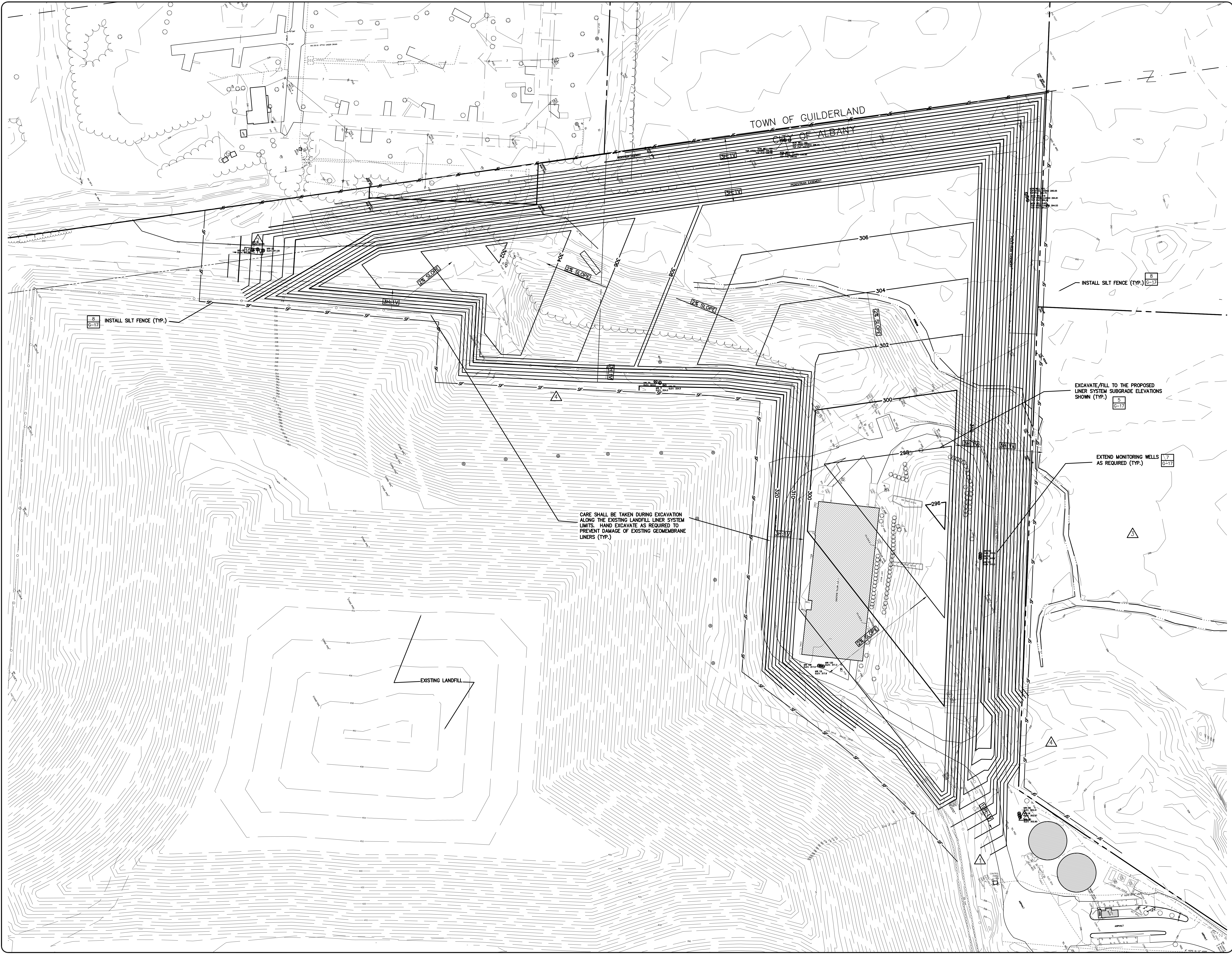


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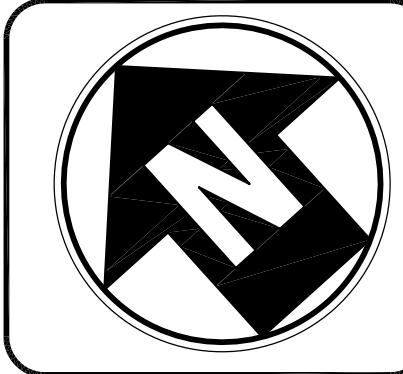
RAPP ROAD LANDFILL
 EASTERN EXPANSION
 DEMOLITIONS/RELOCATIONS PLAN

G-6

Issue Date: 7/07 Project No.: 12206 Scale: 1"=50'
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 Design: DF



No.	Summary/Revision	By	Date
1	REMOVED SMALL, OBSCURED TEXT	WHI	CAP 2/22/08
2	ADDED MONITORING WELL LABELS	WHI	CAP 2/22/08
3	REMOVED MONITORING WELLS NOT PART OF PROJECT	WHI	CAP 2/22/08
4	ADDED SILT FENCE LOCATION	WHI	CAP 2/22/08



INSTALL SILT FENCE (TYP.) [B 6-17]

EXCAVATE/FILL TO THE PROPOSED LINER SYSTEM SUBGRADE ELEVATIONS SHOWN (TYP.) [5 6-17]

EXTEND MONITORING WELLS AS REQUIRED (TYP.) [7 6-17]

CITY OF ALBANY
 DEPARTMENT OF GENERAL SERVICES
 ONE CONNERS BOULEVARD
 ALBANY, NEW YORK 12204



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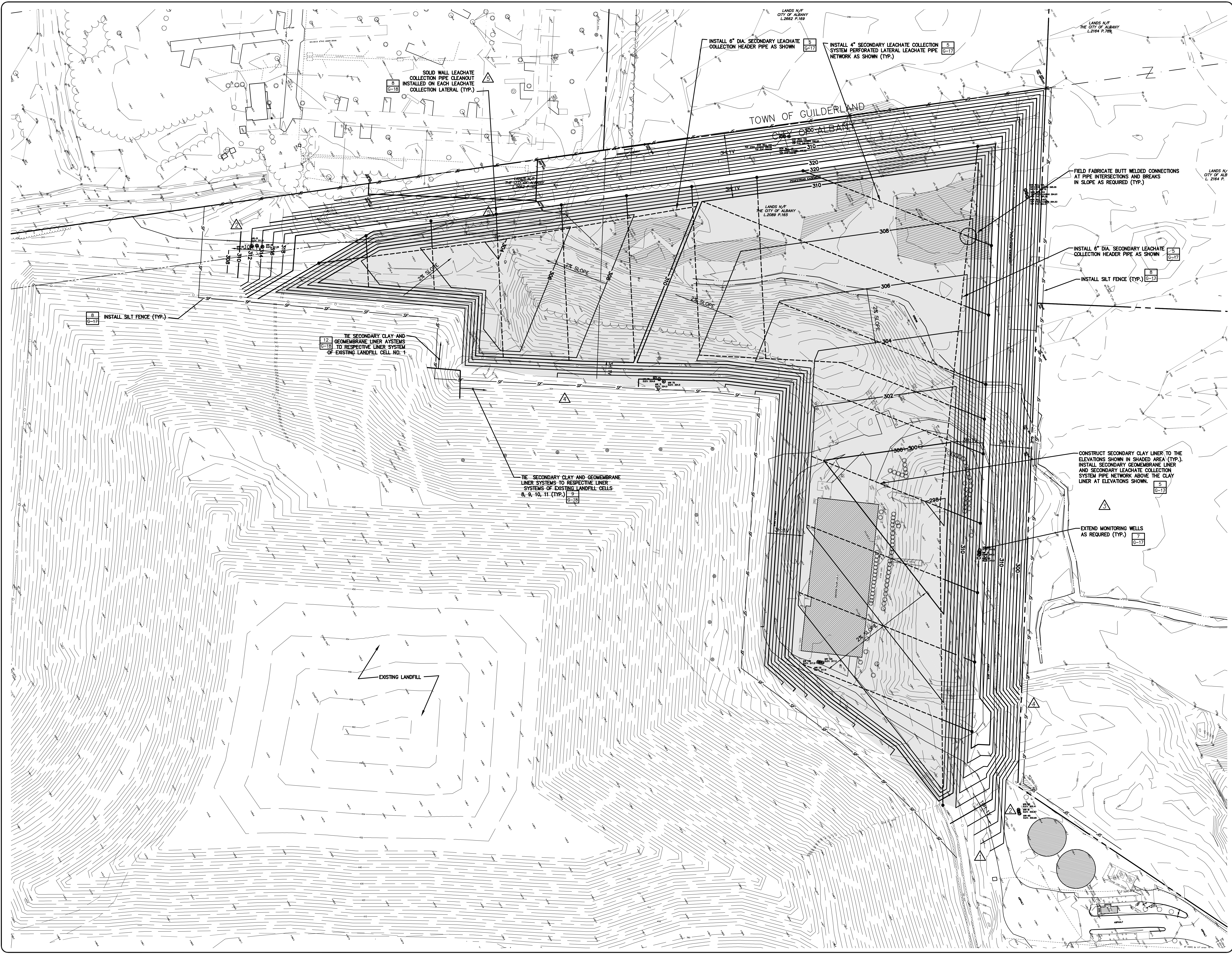
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RAPP ROAD LANDFILL
 EASTERN EXPANSION
 LINER SUBGRADE PLAN

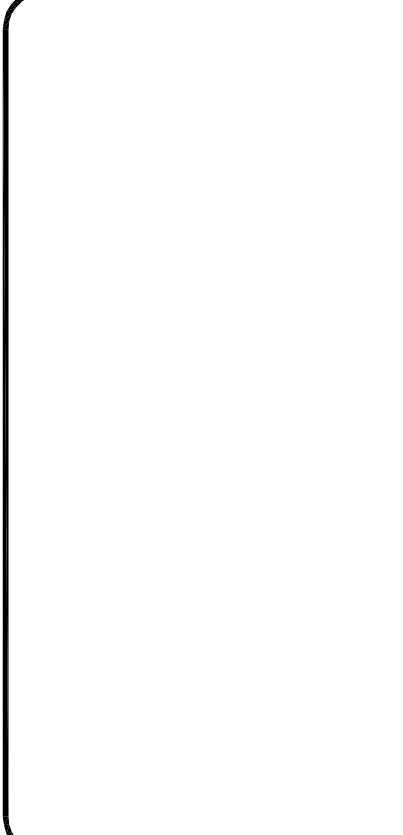
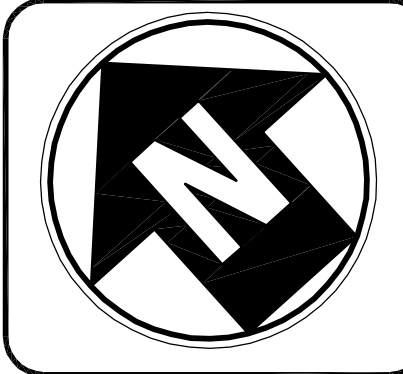
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G-7

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No.	Summary / Revision	By	Date
1	REMOVED SMALL OBSCURED TEXT	WHH	CAP 2/22/08
2	ADDED MONITORING WELL LABELS	WHH	CAP 2/22/08
3	REMOVED MONITORING WELLS NOT PART OF PROJECT	WHH	CAP 2/22/08
4	ADDED SILT FENCE LOCATION	WHH	CAP 2/22/08
5	MODIFIED LEACHATE CLEAN-OUTS AND NOTE	WHH	CAP 2/22/08



CITY OF ALBANY
 DEPARTMENT OF GENERAL SERVICES
 ONE CONNORS BOULEVARD
 ALBANY, NEW YORK 12204

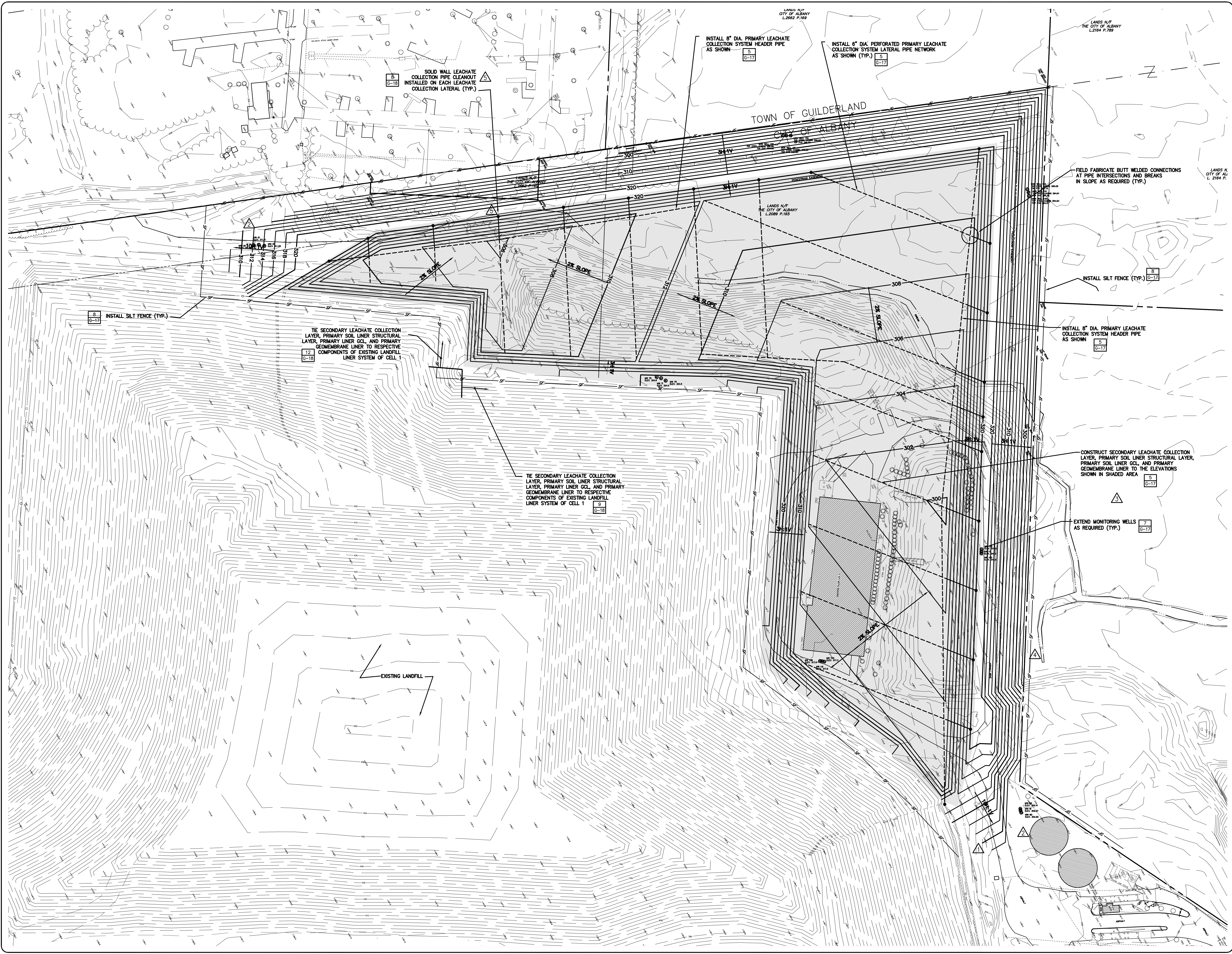


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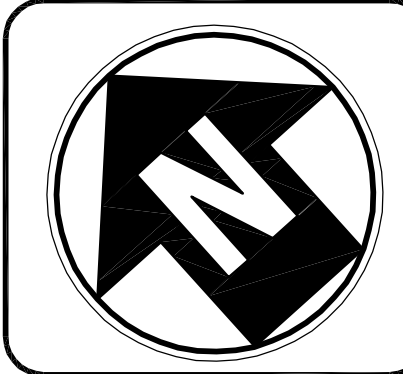
RAPP ROAD LANDFILL
 EASTERN EXPANSION
 SECONDARY LINER/LORS PLAN
 Source Date: 7/07 Project No.: 12206 Scale: 1"=50'
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 Designated: DF

G-8

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Revised	By	Date
1	WHH	2/22/08
2	WHH	2/22/08
3	WHH	2/22/08
4	WHH	2/22/08
5	WHH	2/22/08
6	WHH	2/22/08
7	WHH	2/22/08
8	WHH	2/22/08
9	WHH	2/22/08
10	WHH	2/22/08
11	WHH	2/22/08
12	WHH	2/22/08



No.	Summary / Revision
1	REMOVED SMALL OBSCURED TEXT
2	ADDED MONITORING WELL LABELS
3	REMOVED MONITORING WELLS NOT PART OF PROJECT
4	ADDED SILT FENCE LOCATION
5	MODIFIED LEACHATE CLEAN-OUTS AND NOTE

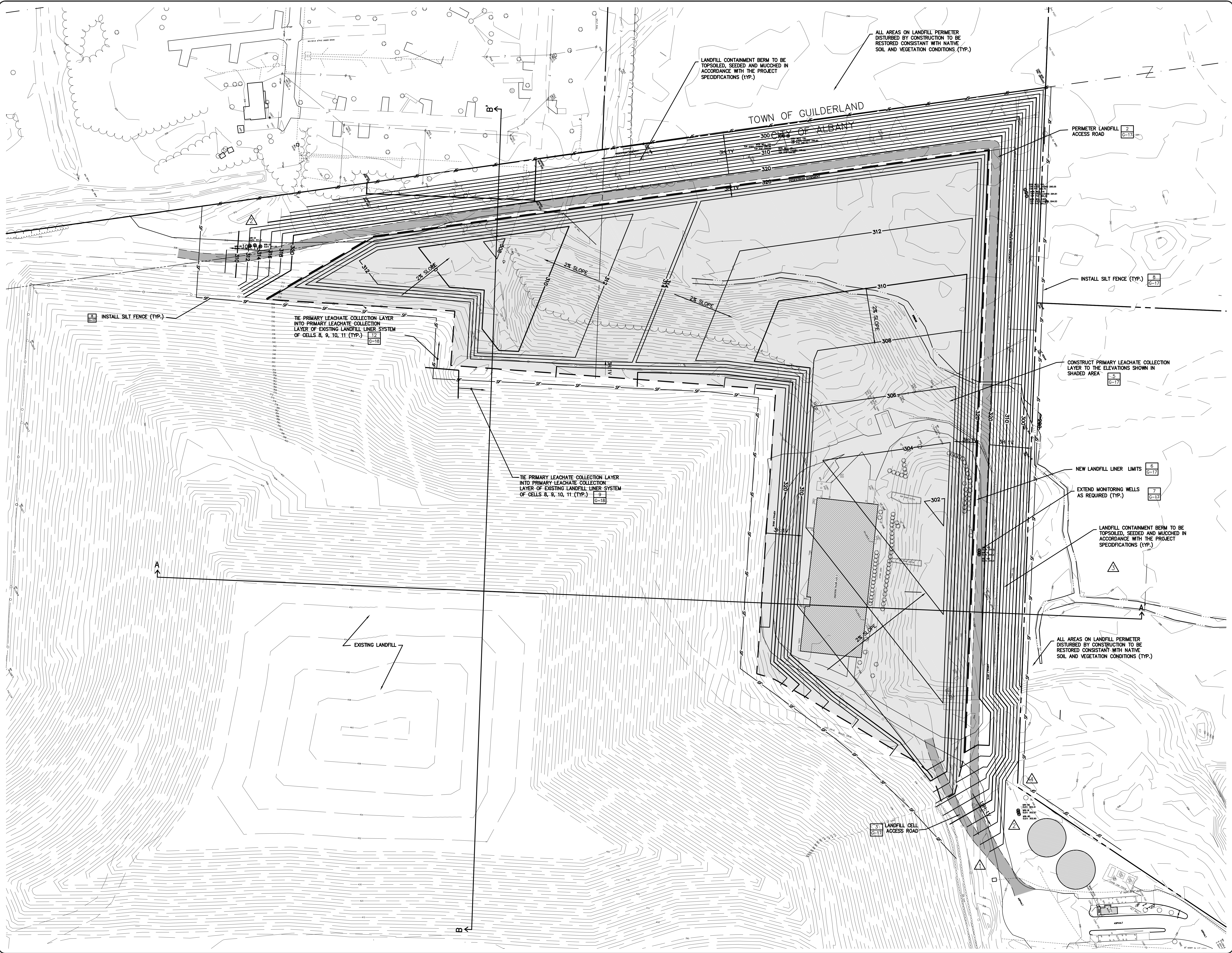
CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
ONE CONNORS BOULEVARD
ALBANY, NEW YORK 12204



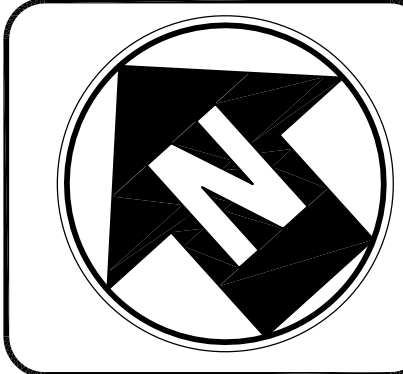
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Drawn: CAP
Checked: [Signature]

RAPP ROAD LANDFILL
EASTERN EXPANSION
PRIMARY LINER/LCRS PLAN
Scale: 1"=50'
Project No.: 12206
Issue Date: 7/07



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1	REMOVED SMALL, OBSOBE TEXT	WHI	CAP 2/22/08
2	ADDED MONITORING WELL LABELS	WHI	CAP 2/22/08
3	REMOVED MONITORING WELLS NOT PART OF PROJECT	WHI	CAP 2/22/08
4	ADDED SILT FENCE LOCATION	WHI	CAP 2/22/08



1	INSTALL SILT FENCE (TYP.)	8	6-17
2	PERIMETER LANDFILL ACCESS ROAD	2	6-17
3	LANDFILL CELL ACCESS ROAD	3	6-17
4	NEW LANDFILL LINER LIMITS	6	6-17
5	CONSTRUCT PRIMARY LEACHATE COLLECTION LAYER TO THE ELEVATIONS SHOWN IN SHADED AREA	5	6-17
6	EXTEND MONITORING WELLS AS REQUIRED (TYP.)	7	6-17
7	TIE PRIMARY LEACHATE COLLECTION LAYER INTO PRIMARY LEACHATE COLLECTION LAYER OF EXISTING LANDFILL LINER SYSTEM OF CELLS 8, 9, 10, 11 (TYP.)	12	6-18
8	TIE PRIMARY LEACHATE COLLECTION LAYER INTO PRIMARY LEACHATE COLLECTION LAYER OF EXISTING LANDFILL LINER SYSTEM OF CELLS 8, 9, 10, 11 (TYP.)	12	6-18
9	INSTALL SILT FENCE (TYP.)	3	6-17

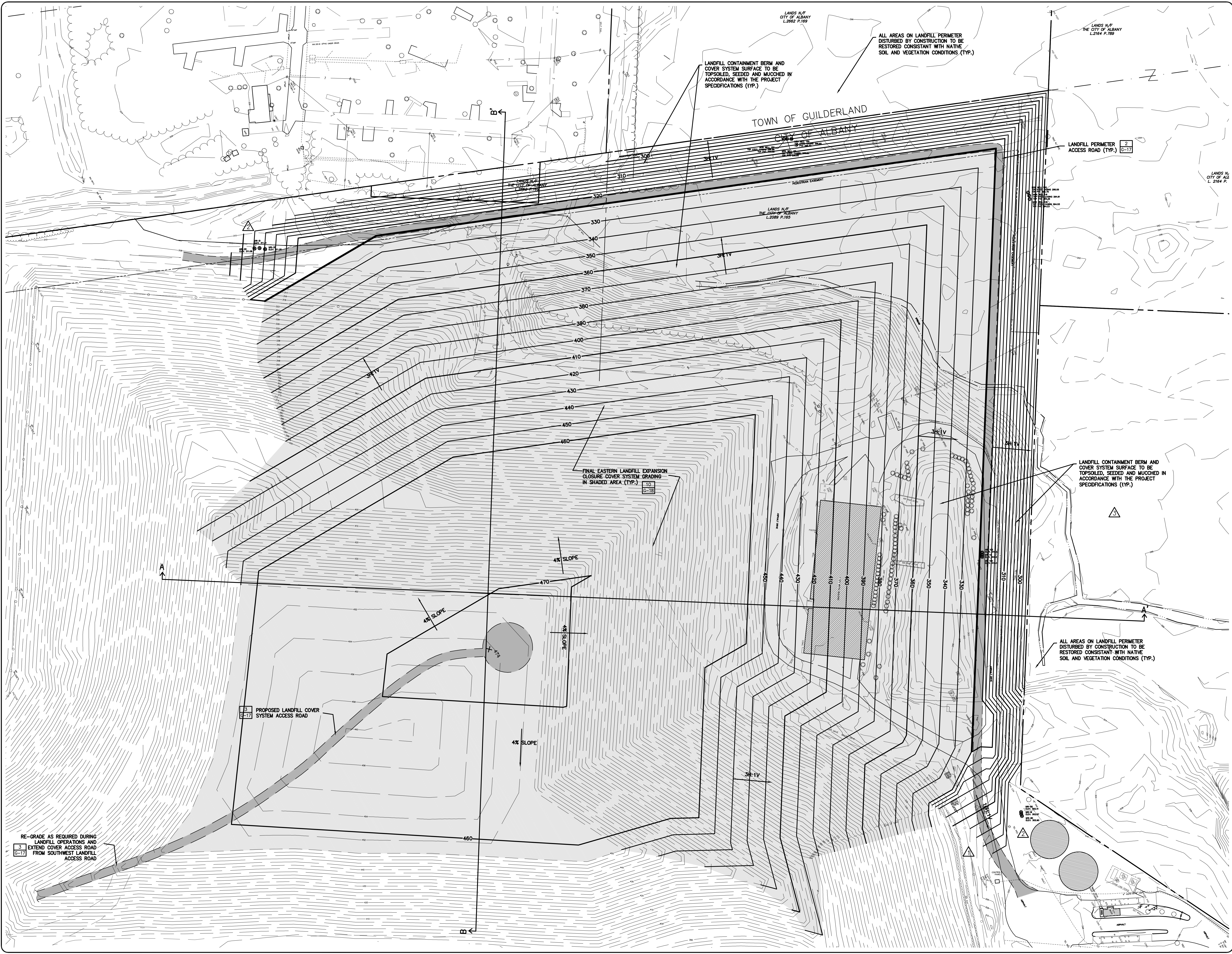
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RAPP ROAD LANDFILL
 EASTERN EXPANSION
 TOP OF LINER/LANDSCAPE/
 STORMWATER CONTROL PLAN
 Project No.: 12206
 Scale: 1"=50'
 Issue Date: 7/07
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 Checked: DF

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RE-GRADE AS REQUIRED DURING LANDFILL OPERATIONS AND EXTEND COVER ACCESS ROAD FROM SOUTHWEST LANDFILL ACCESS ROAD

3 PROPOSED LANDFILL COVER SYSTEM ACCESS ROAD G-17

FINAL EASTERN LANDFILL EXPANSION CLOSURE COVER SYSTEM GRADING IN SHADED AREA (TYP.) G-18

LANDFILL CONTAINMENT BERM AND COVER SYSTEM SURFACE TO BE TOPSOILED, SEEDED AND MUCCHED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS (TYP.)

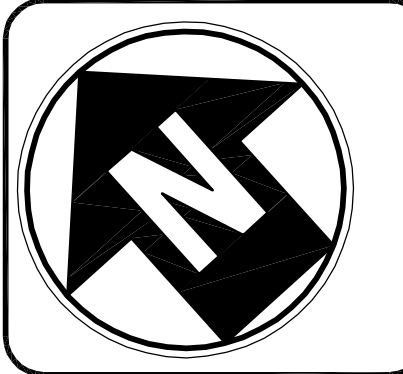
ALL AREAS ON LANDFILL PERIMETER DISTURBED BY CONSTRUCTION TO BE RESTORED CONSISTANT WITH NATIVE SOIL AND VEGETATION CONDITIONS (TYP.)

LANDFILL PERIMETER ACCESS ROAD (TYP.) G-17

LANDFILL CONTAINMENT BERM AND COVER SYSTEM SURFACE TO BE TOPSOILED, SEEDED AND MUCCHED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS (TYP.)

ALL AREAS ON LANDFILL PERIMETER DISTURBED BY CONSTRUCTION TO BE RESTORED CONSISTANT WITH NATIVE SOIL AND VEGETATION CONDITIONS (TYP.)

No.	Summary / Revision	By	Date
1	REMOVED SMALL, OBSCURED TEXT	WHI	CAP 2/22/08
2	ADDED MONITORING WELL LABELS	WHI	CAP 2/22/08
3	REMOVED MONITORING WELLS NOT PART OF PROJECT	WHI	CAP 2/22/08



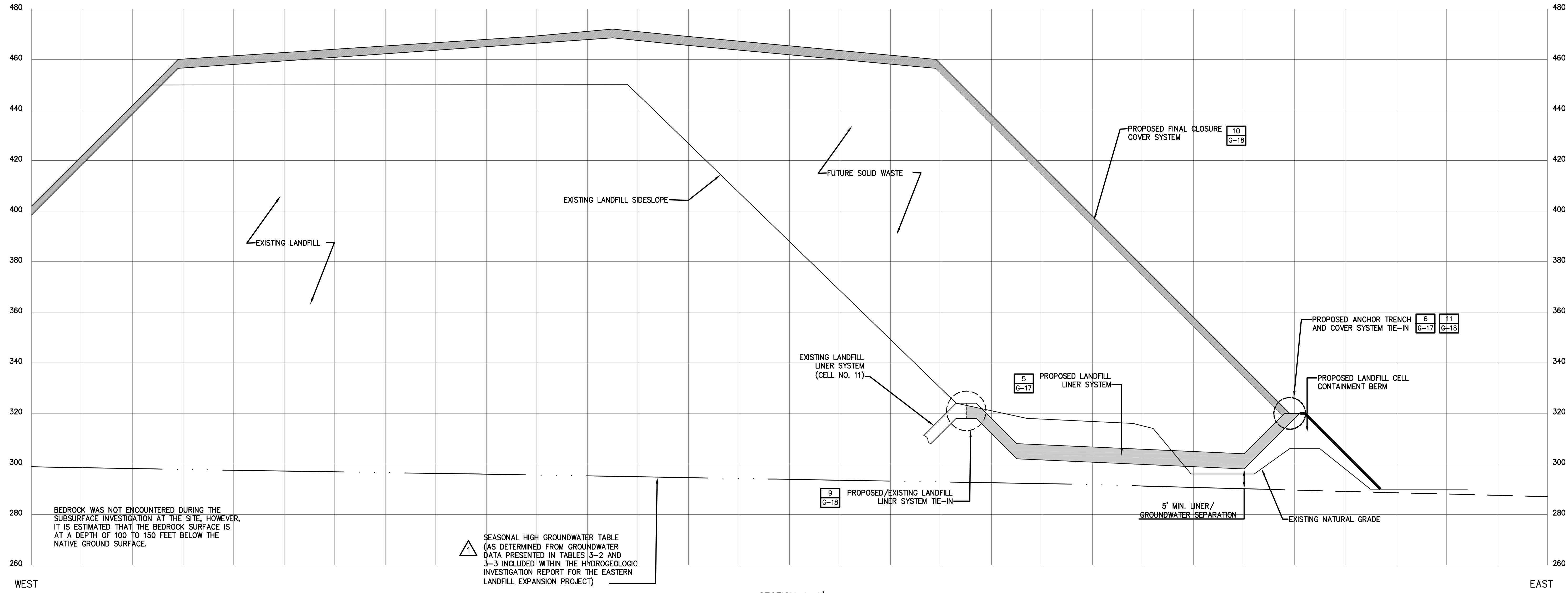
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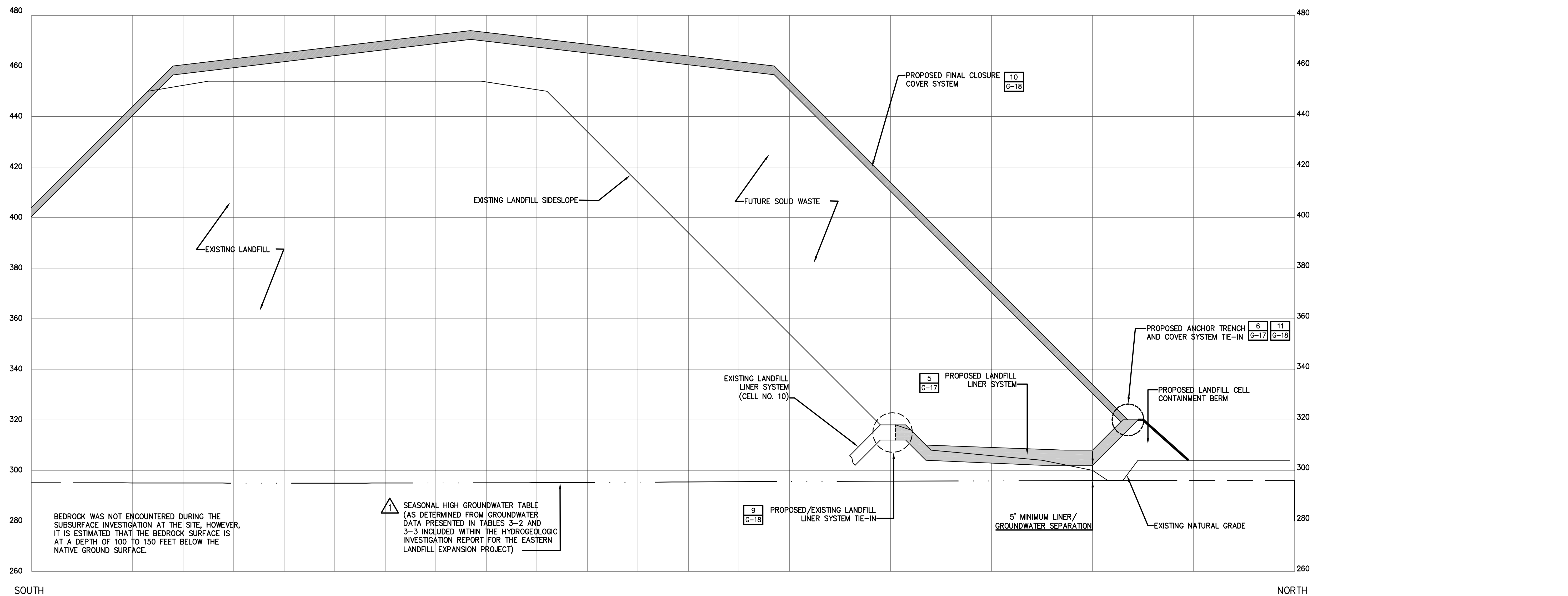
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FINAL CLOSURE/LANDSCAPE/
STORMWATER CONTROL PLAN
Project No.: 12206 Scale: 1"=50'
Issue Date: 7/07

G-11



SECTION A-A'

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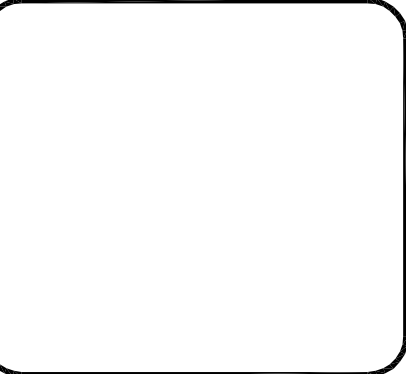


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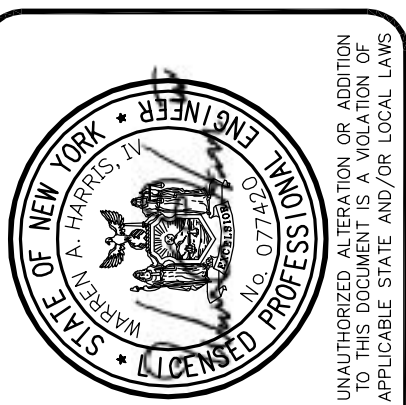
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No.	Submitted / Revision	By	Date
1	APPENDED GROUNDWATER NOTE	WMT	2/22/08



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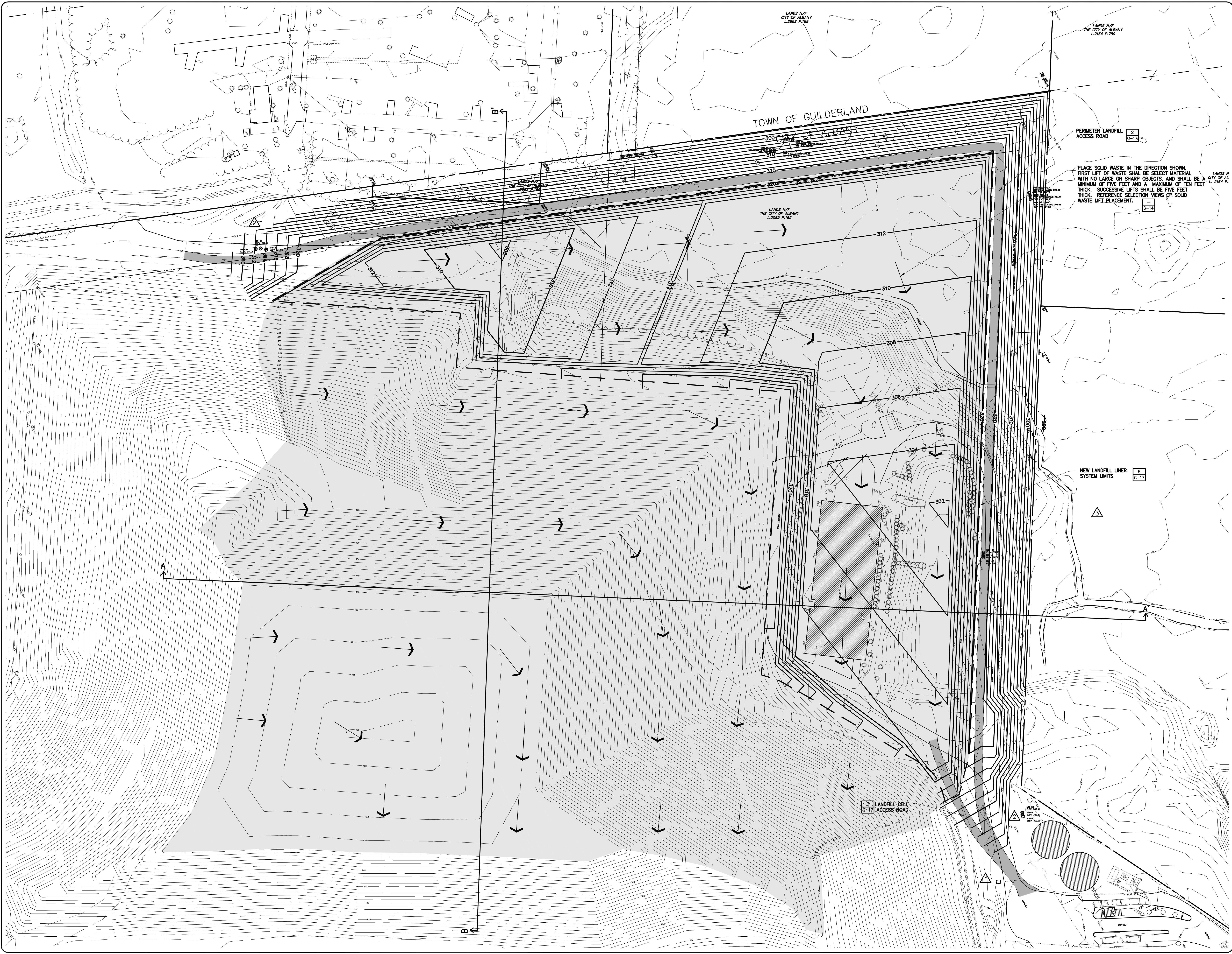
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RAPP ROAD LANDFILL
EASTERN EXPANSION
LINER/CLOSURE SYSTEM
CROSS SECTIONS

Issue Date: 7/07
Project No.: 12206
Scale:

G-12

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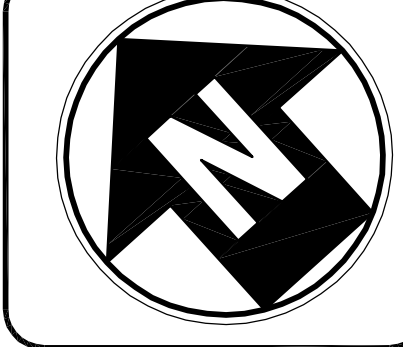
PERIMETER LANDFILL ACCESS ROAD 2 G-13

PLACE SOLID WASTE IN THE DIRECTION SHOWN. FIRST LIFT OF WASTE SHALL BE SELECT MATERIAL WITH NO LARGE OR SHARP OBJECTS, AND SHALL BE A MINIMUM OF FIVE FEET AND A MAXIMUM OF TEN FEET THICK. SUCCESSIVE LIFTS SHALL BE FIVE FEET THICK. REFERENCE SELECTION VIEWS OF SOLID WASTE LIFT PLACEMENT. 6-14

NEW LANDFILL LINER SYSTEM LIMITS 6 G-17

LANDFILL CELL ACCESS ROAD 3 G-17

Submittal/Revision	By	Date
REMOVED SMALL, OBSCURED TEXT	WHI	CAP 2/22/08
ADDED MONITORING WELL LABELS	WHI	CAP 2/22/08
REMOVED MONITORING WELLS NOT PART OF PROJECT	WHI	CAP 2/22/08



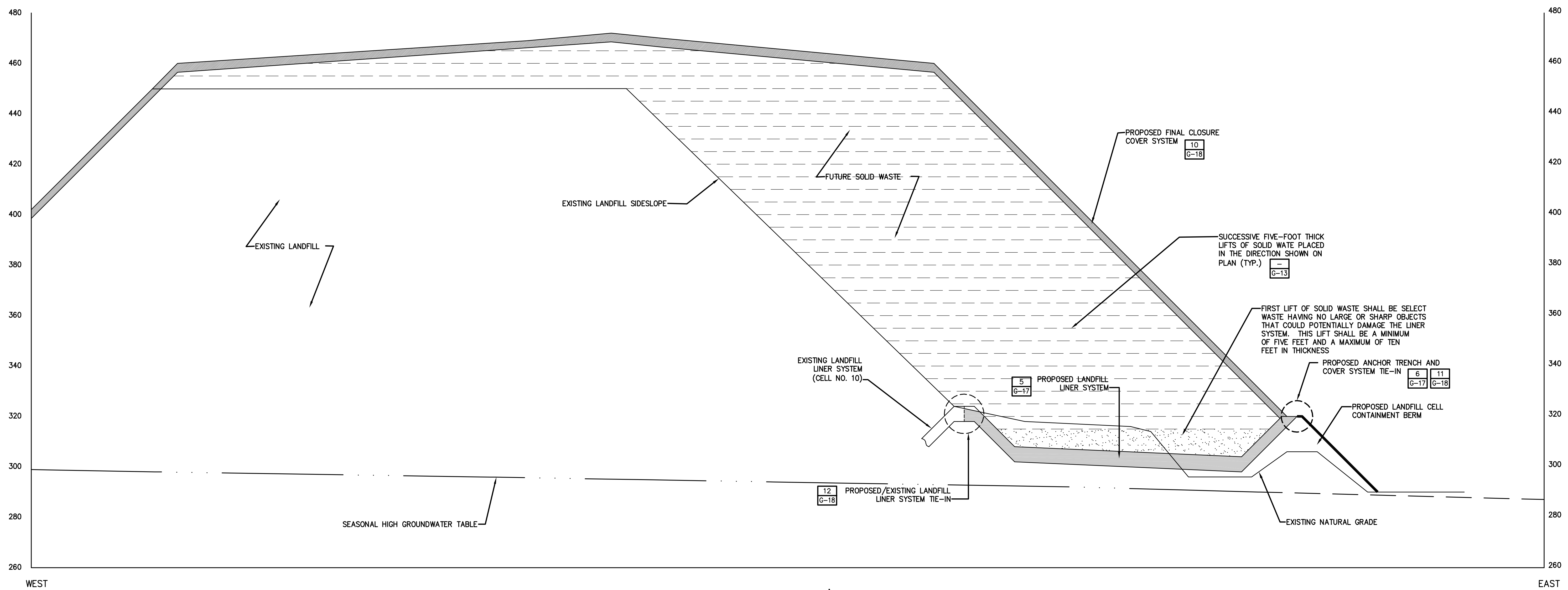
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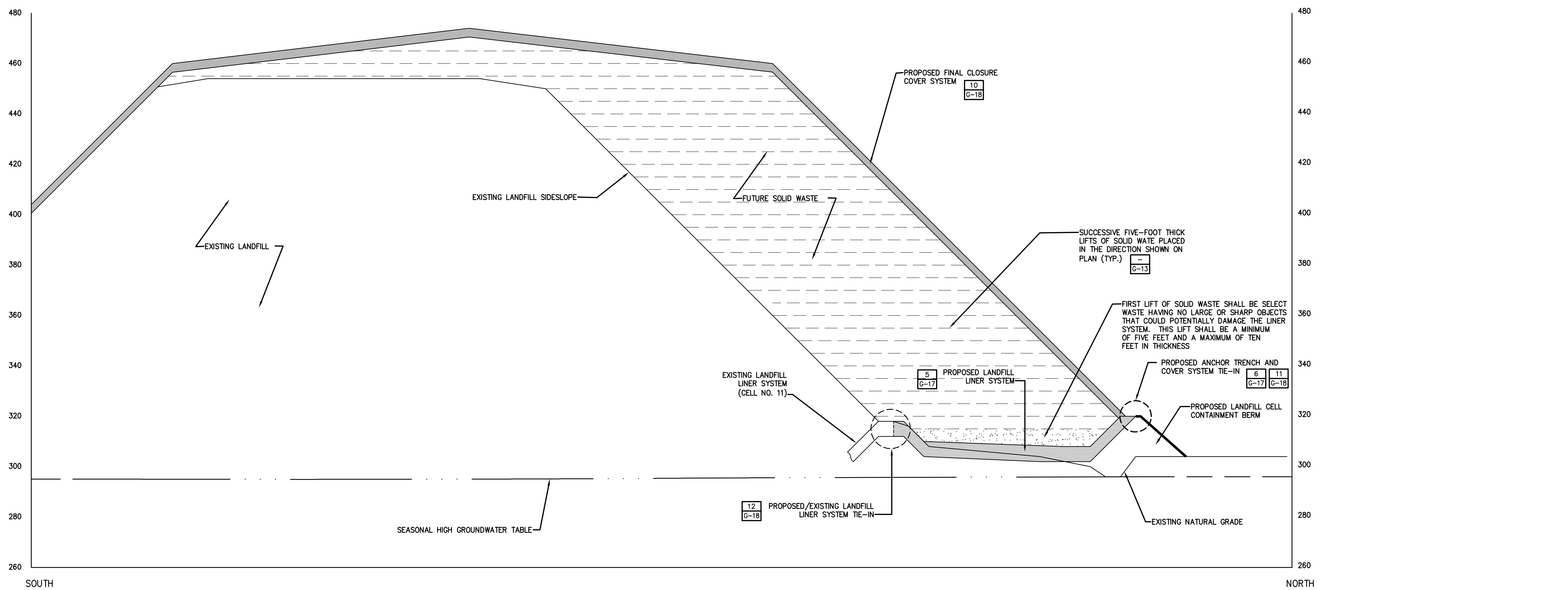
RAPP ROAD LANDFILL
EASTERN EXPANSION
SOLID WASTE PROGRESSION PLAN
Issue Date: 7/07 Project No.: 12206 Scale:
Drawn: CAP Checked: DF

G-13



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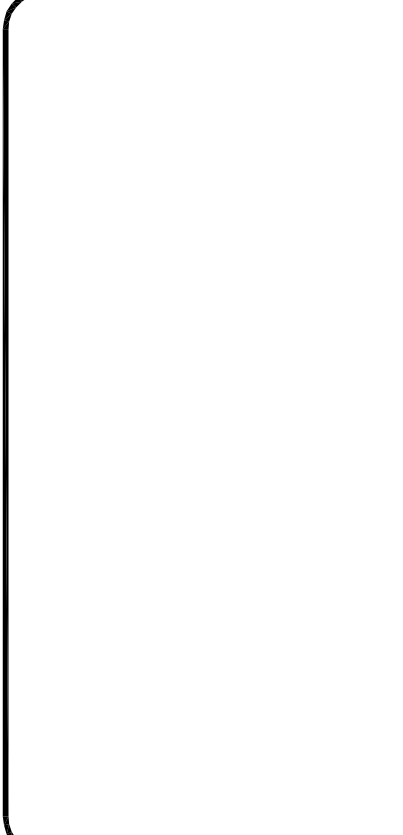
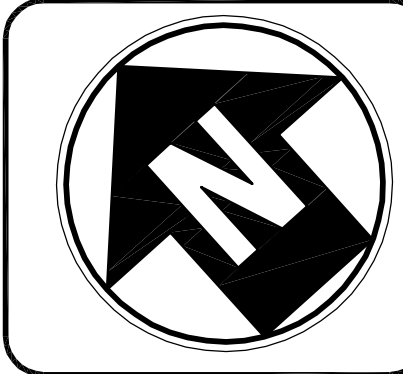


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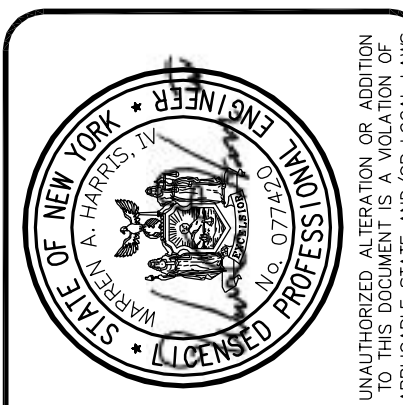
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No.	Submittal/Revision	By	Date



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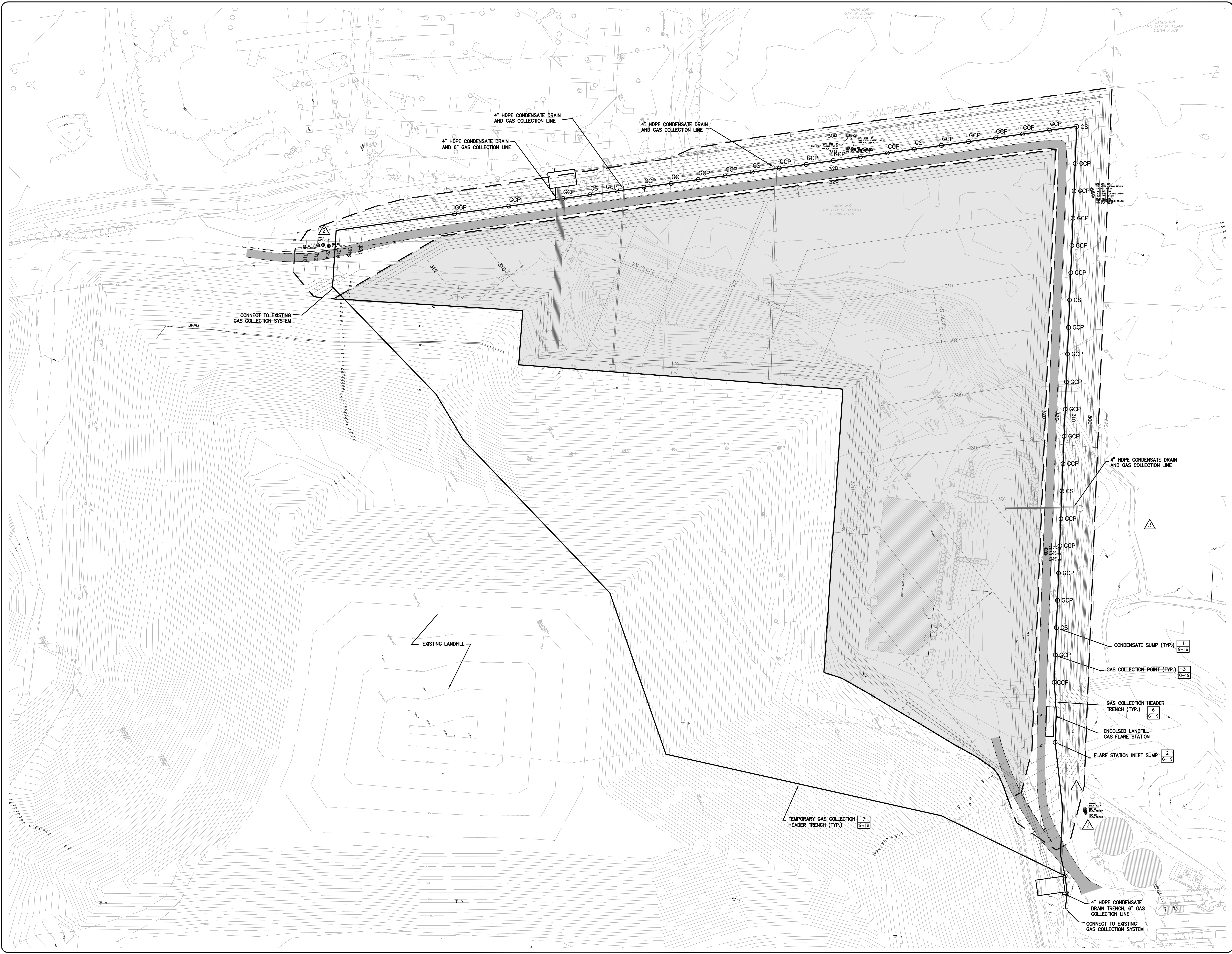



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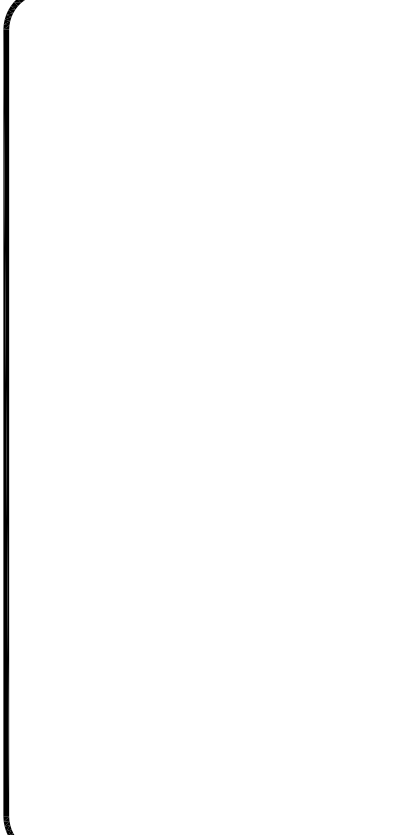
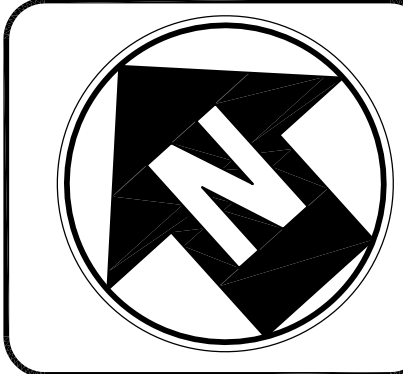
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 EASTERN EXPANSION
 SOLID WASTE PROGRESSION
 CROSS SECTION
 Issue Date: 7/07 Project No.: 12206 Scale:

G-14

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2	ADDED MONITORING WELL LABELS	WHI	CAP 2/22/08
3	REMOVED MONITORING WELLS NOT PART OF PROJECT	WHI	CAP 2/22/08



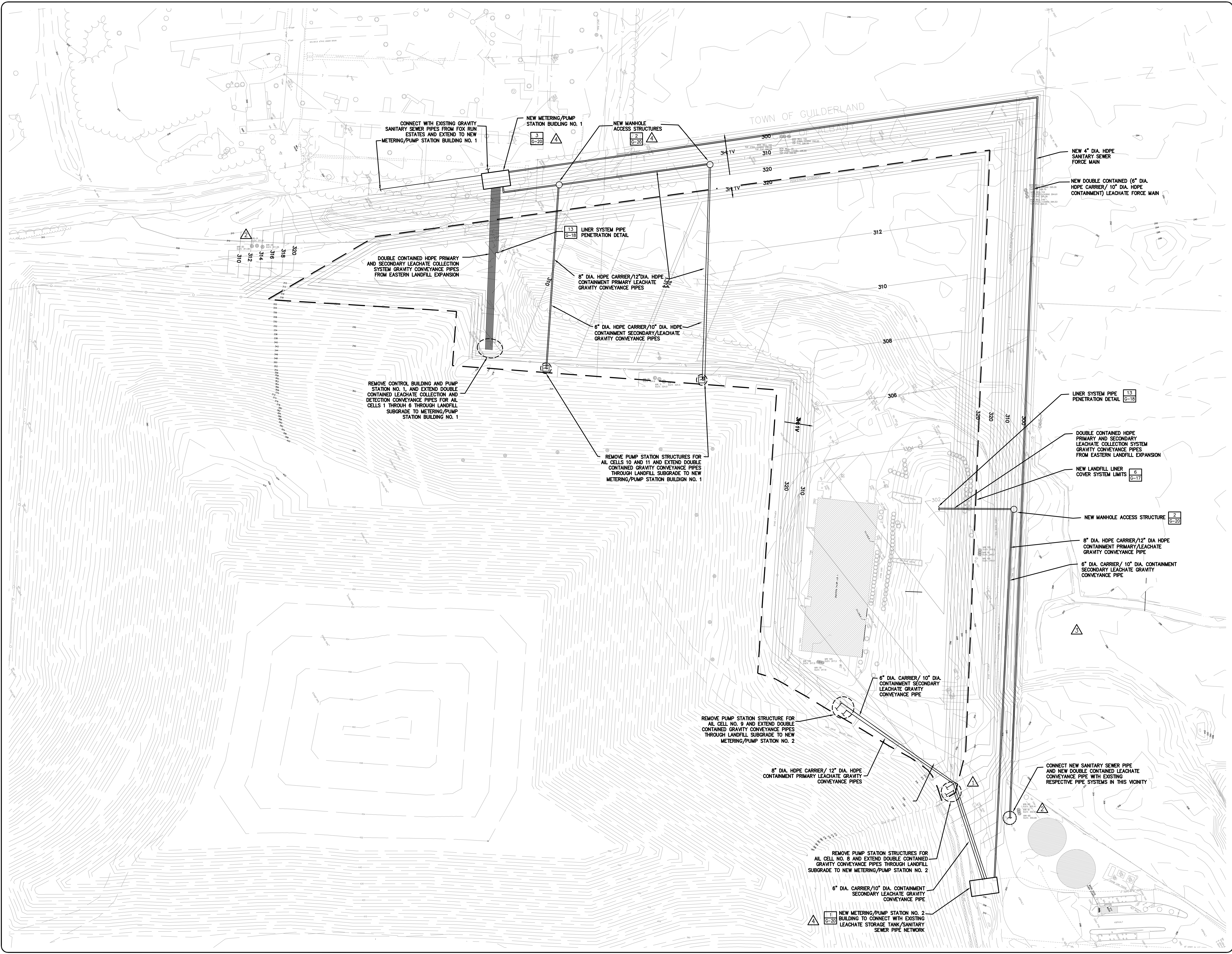
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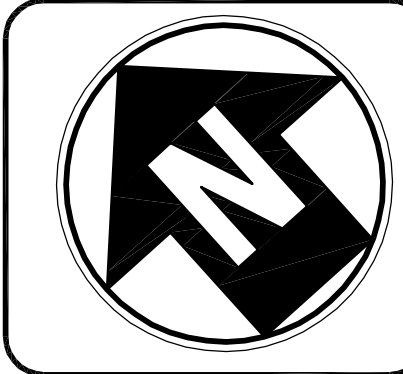
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RAPP ROAD LANDFILL
 EASTERN EXPANSION
 GAS CONTROL PLAN
 Project No.: 12206
 Scale: 1"=50'
 Issue Date: 7/07
 Design: DF
 Drawn: CAP
 Checked:

G-15



No.	Summary / Revision	By	Date
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2	ADDED MONITORING WELL LABELS	WHI	CAP 2/22/08
3	REMOVED MONITORING WELLS NOT PART OF PROJECT	WHI	CAP 2/22/08
4	ADDED DETAIL REFERENCES	WHI	CAP 2/22/08



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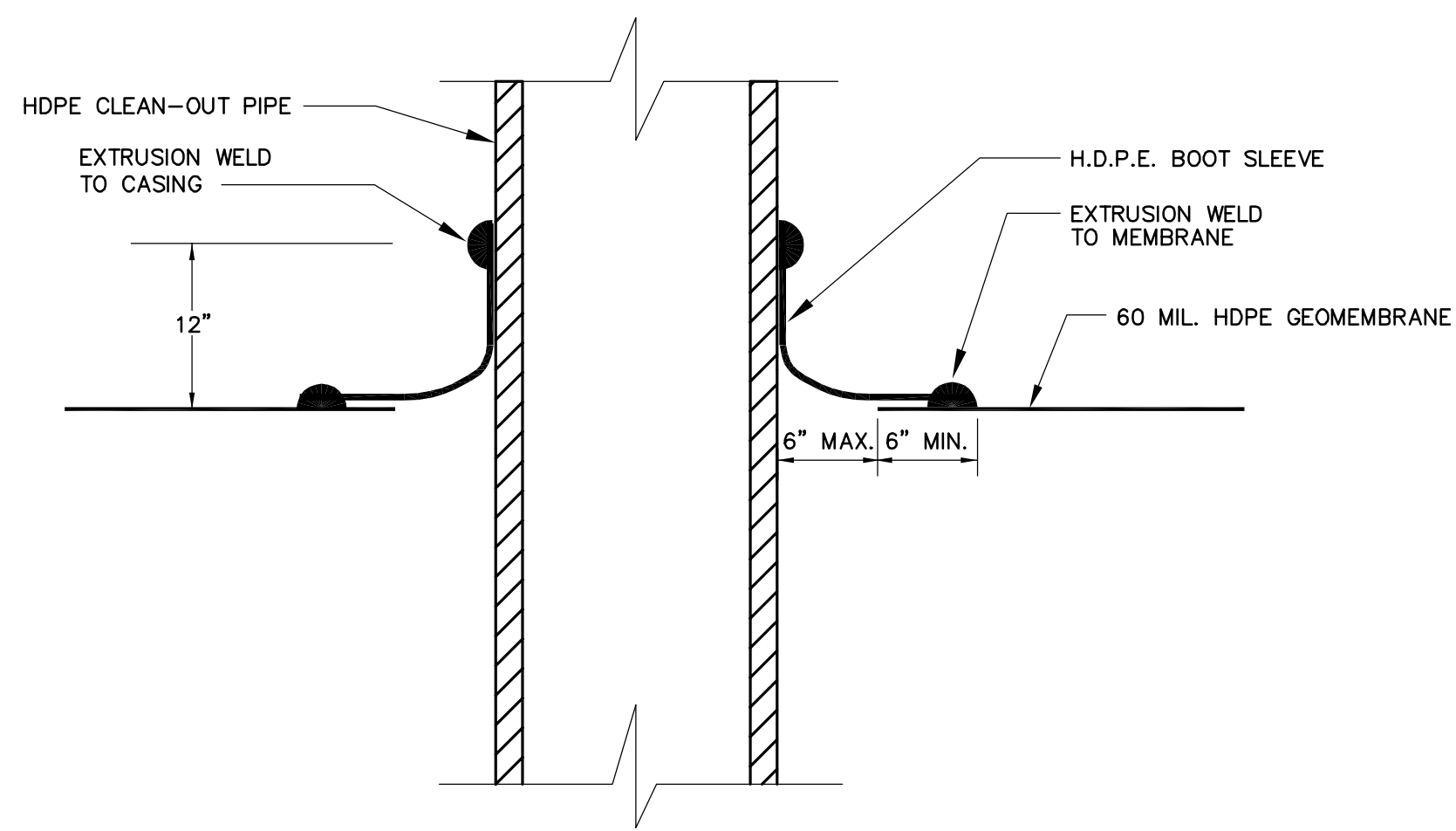
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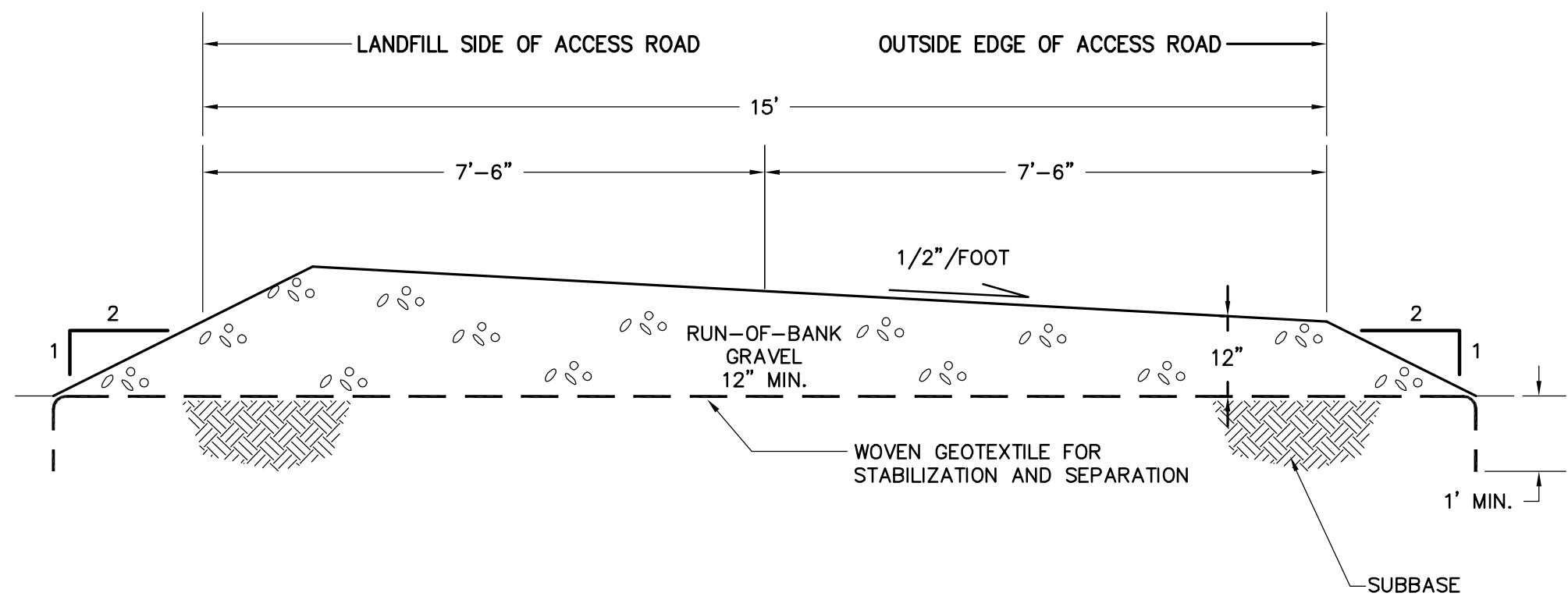
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RAPP ROAD LANDFILL
 EASTERN EXPANSION
 LEACHATE CONVEYANCE SYSTEM PLAN

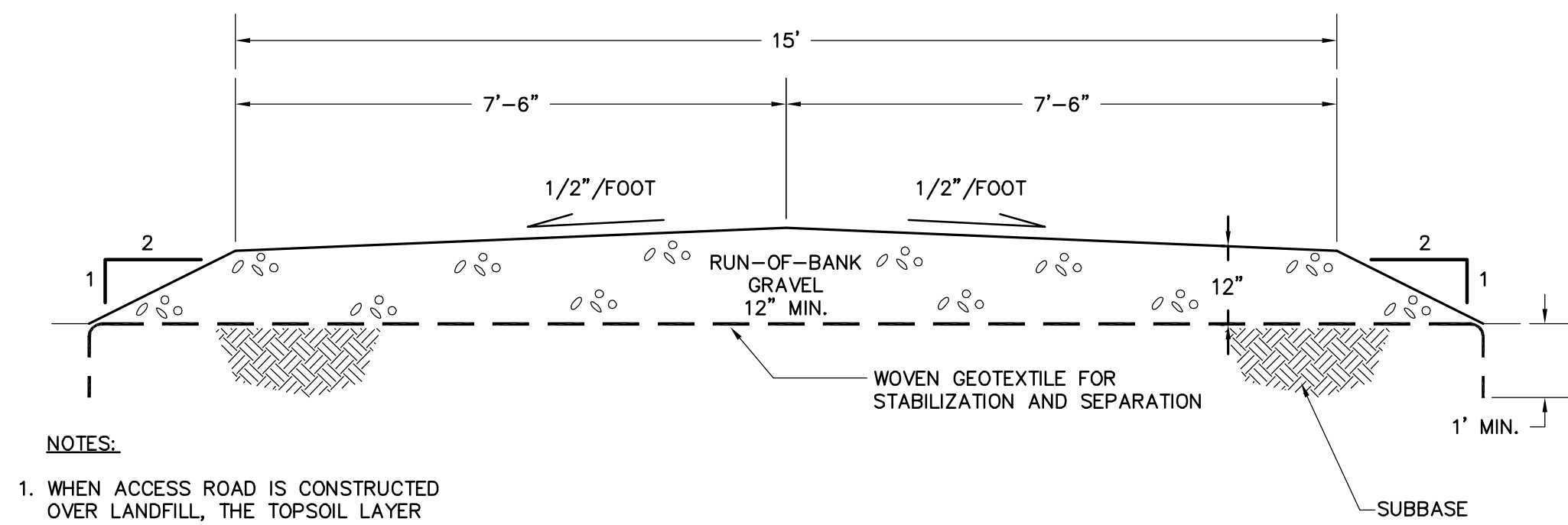
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1 HDPE CLEAN-OUT PIPE PROTRUSION DETAIL
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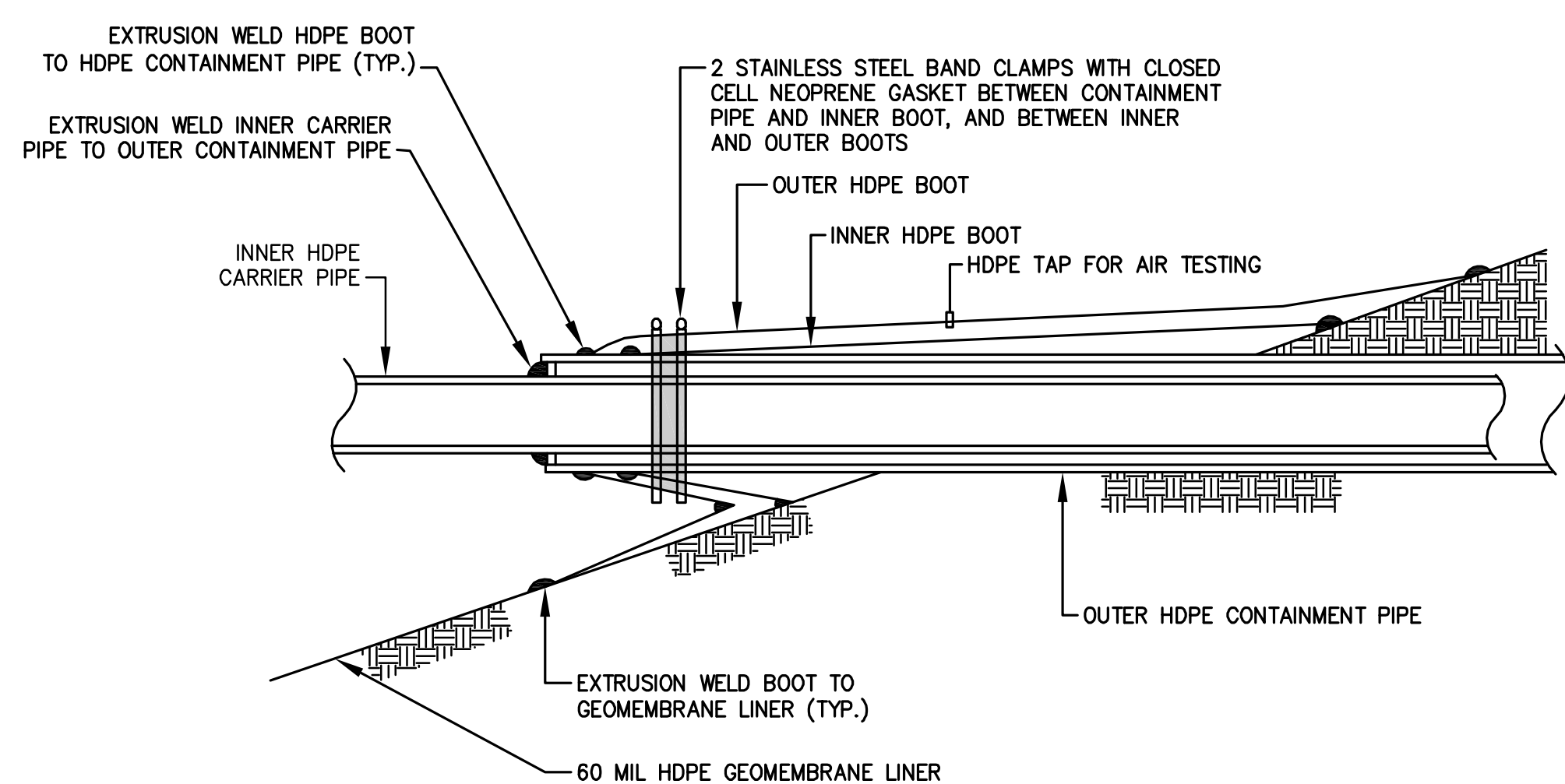


2 LANDFILL PERIMETER ACCESS ROAD DETAIL
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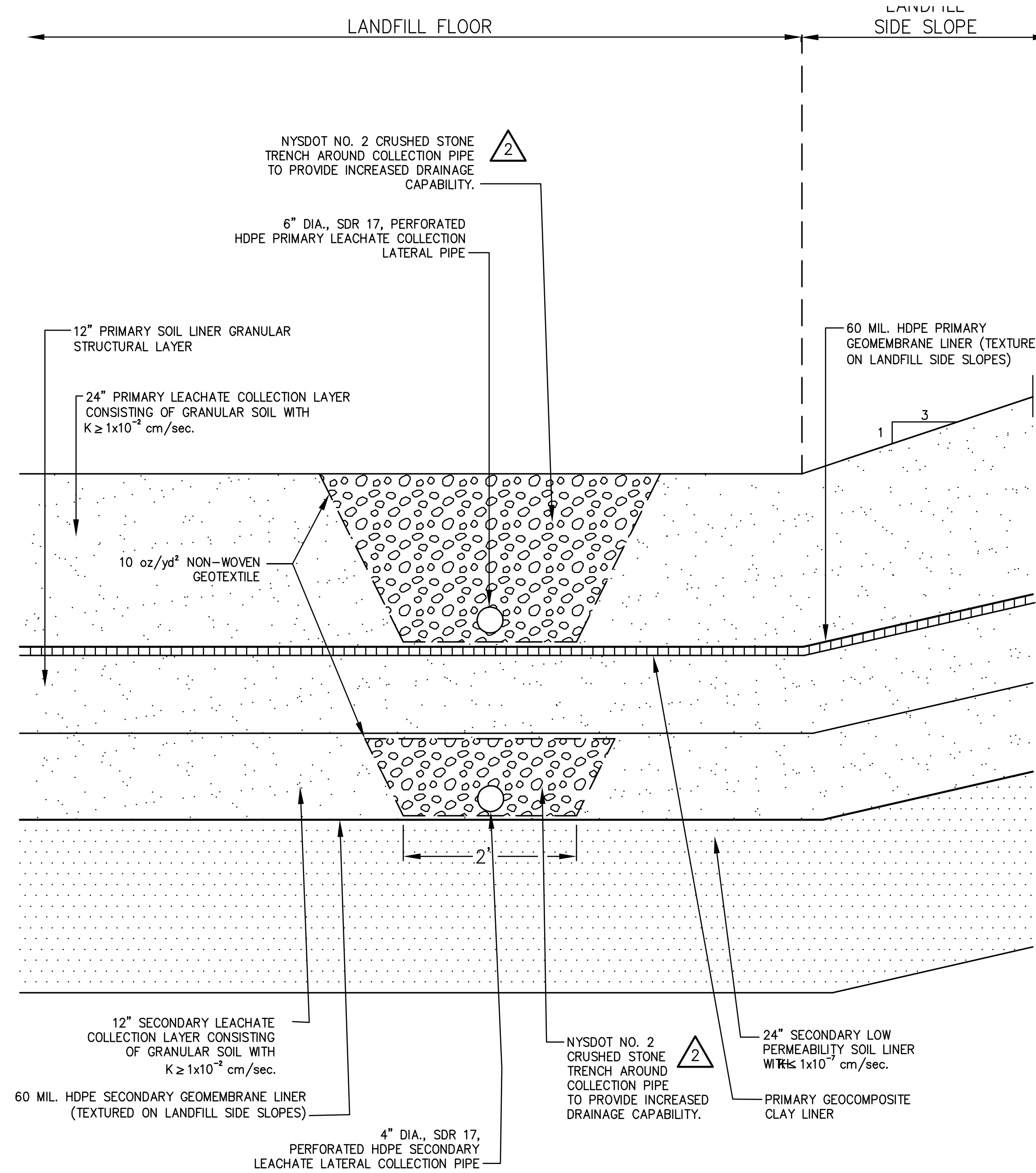


NOTES:
1. WHEN ACCESS ROAD IS CONSTRUCTED OVER LANDFILL, THE TOPSOIL LAYER BENEATH THE ACCESS ROAD SHALL BE REPLACED WITH SIX (6) INCHES OF BARRIER PROTECTION FILL.

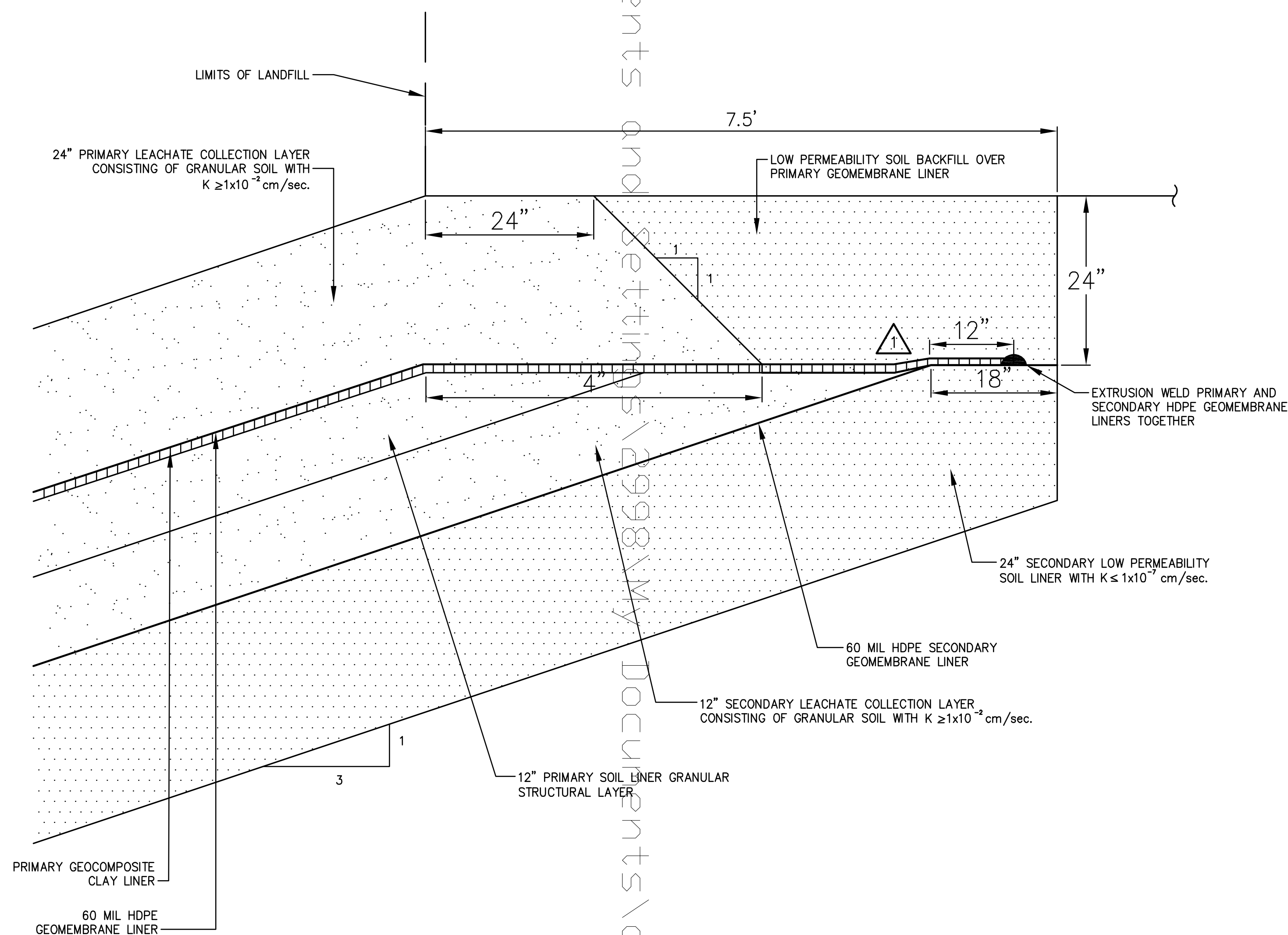
3 LANDFILL CELL AND COVER SYSTEM ACCESS ROAD DETAIL
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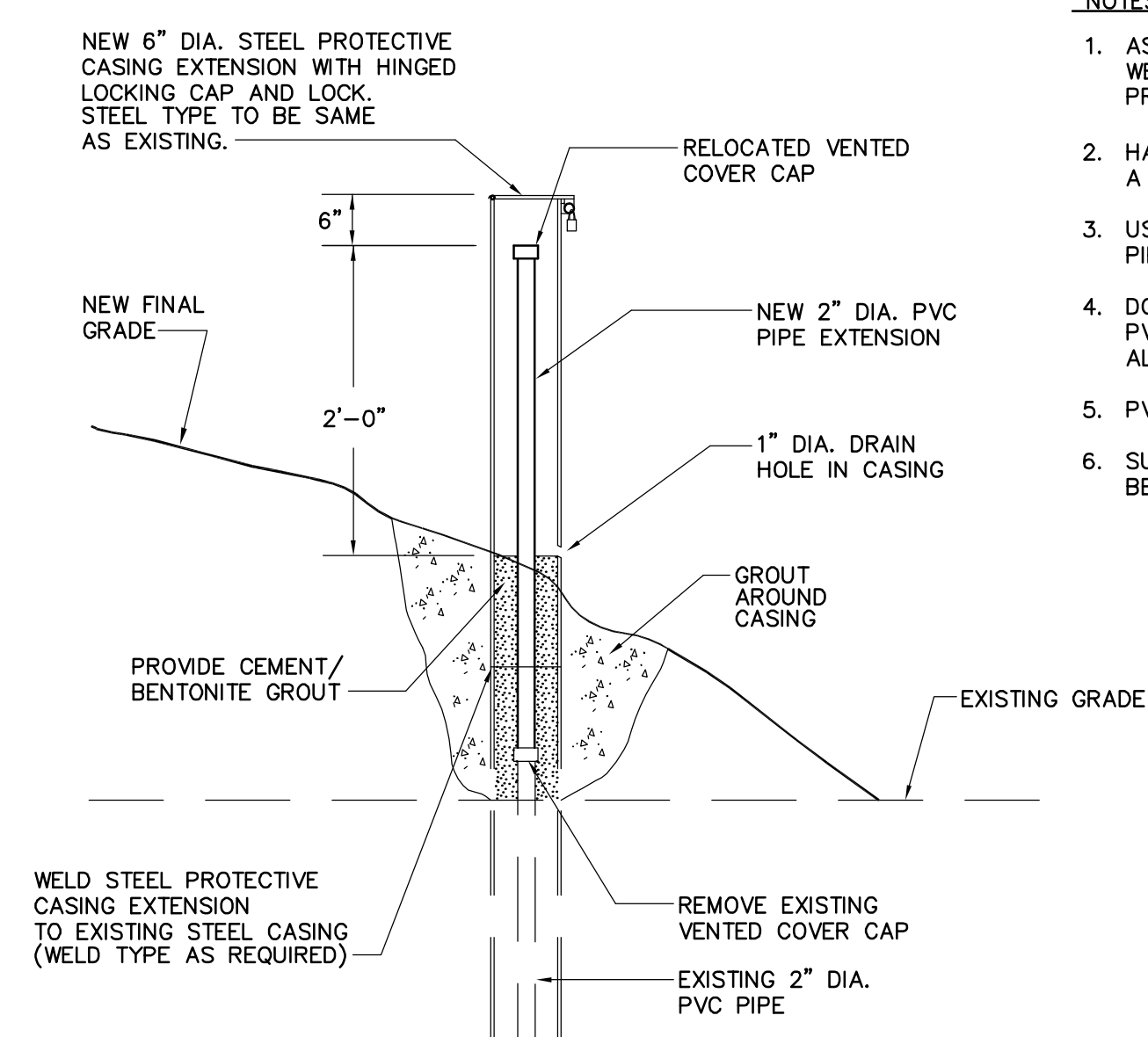
4 PIPE BOOT DETAIL
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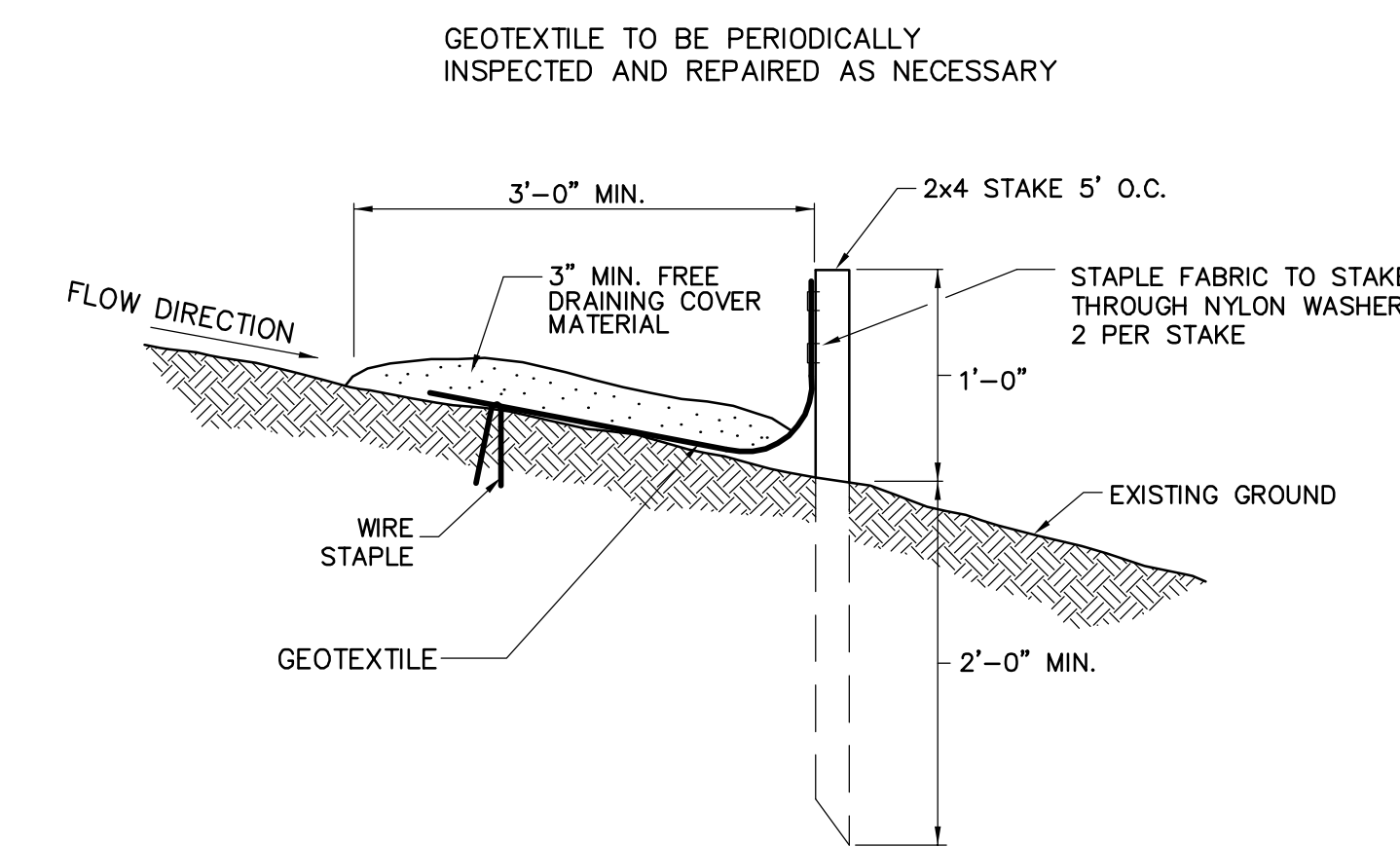
5 LINER SYSTEM DETAIL
SCALE: N.T.S.



6 ANCHOR TRENCH DETAIL
SCALE: N.T.S.



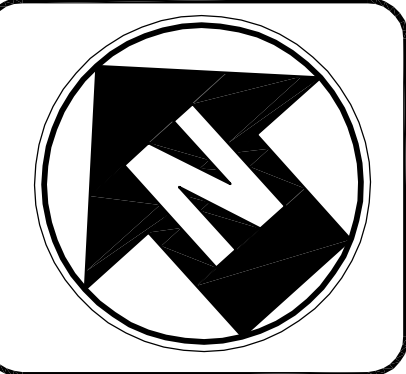
7 MONITORING WELL EXTENSION DETAIL
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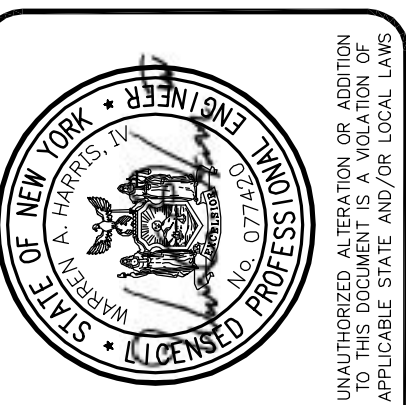
8 SILTATION FENCE DETAIL
SCALE: N.T.S.

- NOTES:**
- AS-BUILT CONDITIONS OF EXISTING WELLS TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
 - HANDTAMP EMBANKMENT WITHIN A RADIUS OF 2'-0" OF THE WELL.
 - USE FLUSH COUPLE 2" DIA. PVC PIPE TO EXTEND WELLS.
 - DO NOT USE PVC GLUE TO CONNECT PVC PIPE COUPLING OR EXTENSIONS. ALL JOINTS TO BE THREADED.
 - PVC TO BE SCHEDULE 40.
 - SURVEY ELEVATION OF TOP OF PVC BEFORE AND AFTER EXTENSION.

No.	Submitted / Revision	By	Date
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2	REVISION	W.H.	2/22/08
3	REVISION	W.H.	2/22/08

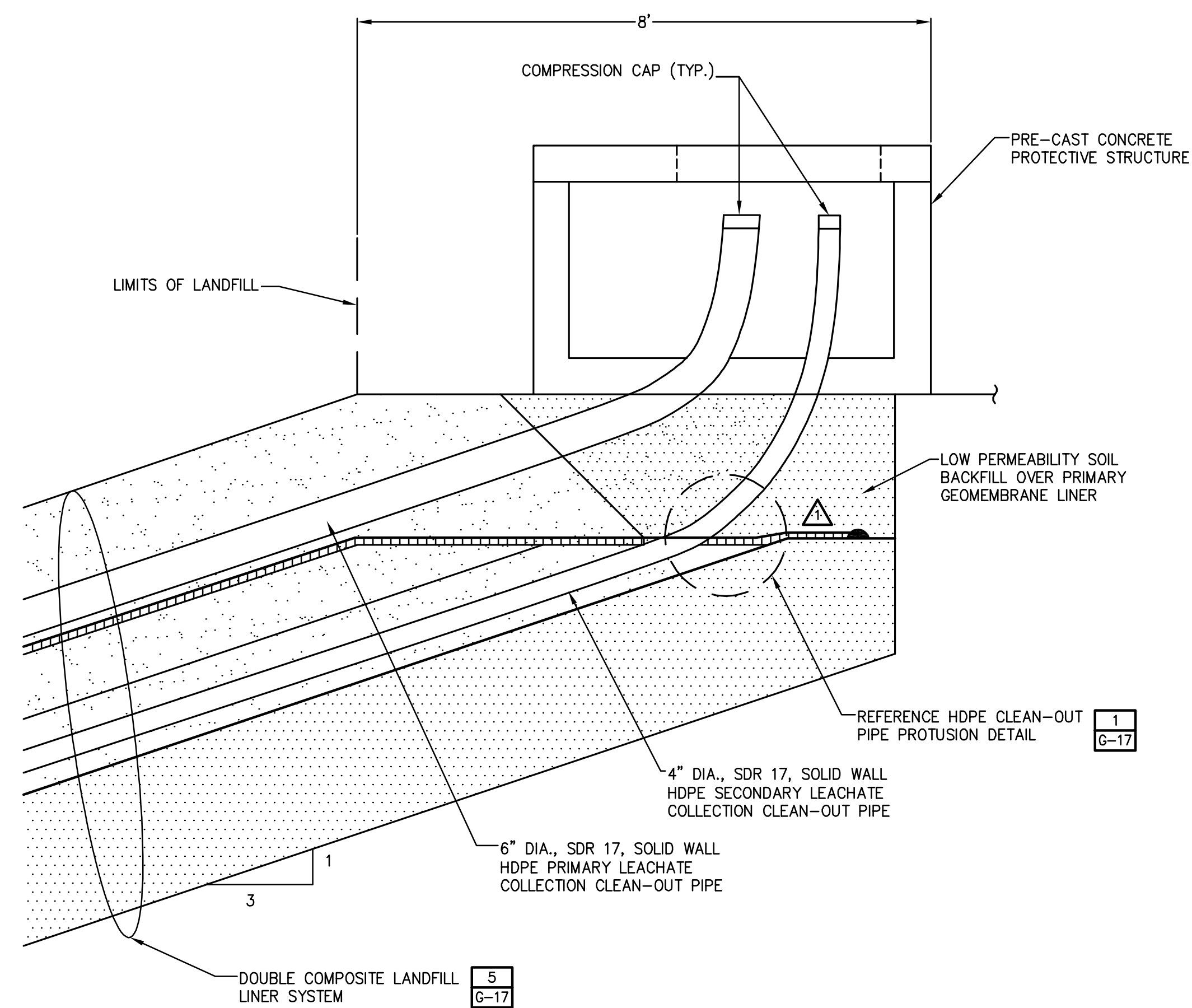


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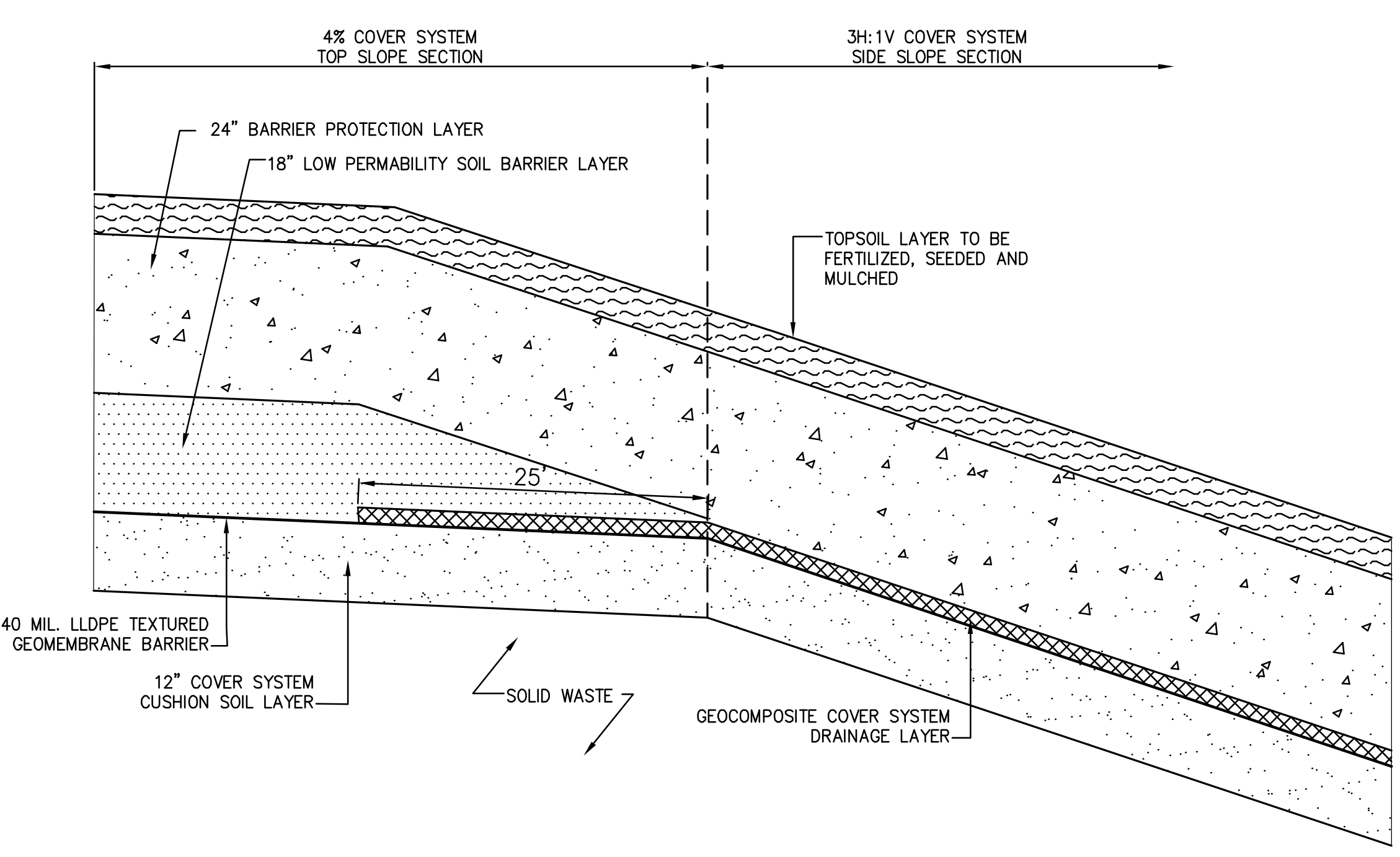


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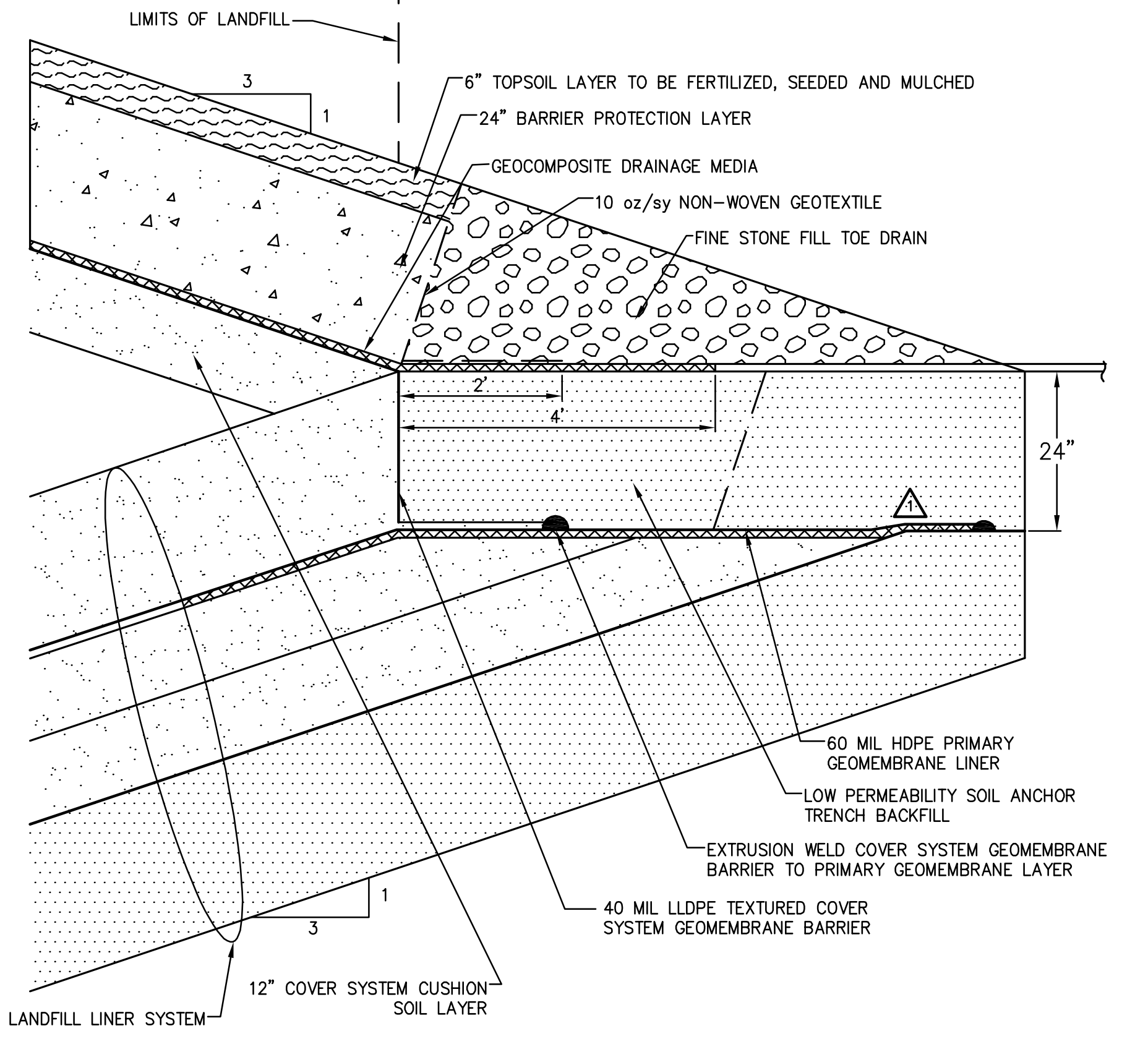
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EASTERN EXPANSION
LINER/COVER SYSTEM DETAILS
Project No.: 12206
Scale:
Issue Date: 7/07
Drawn: CAP
Checked: DF



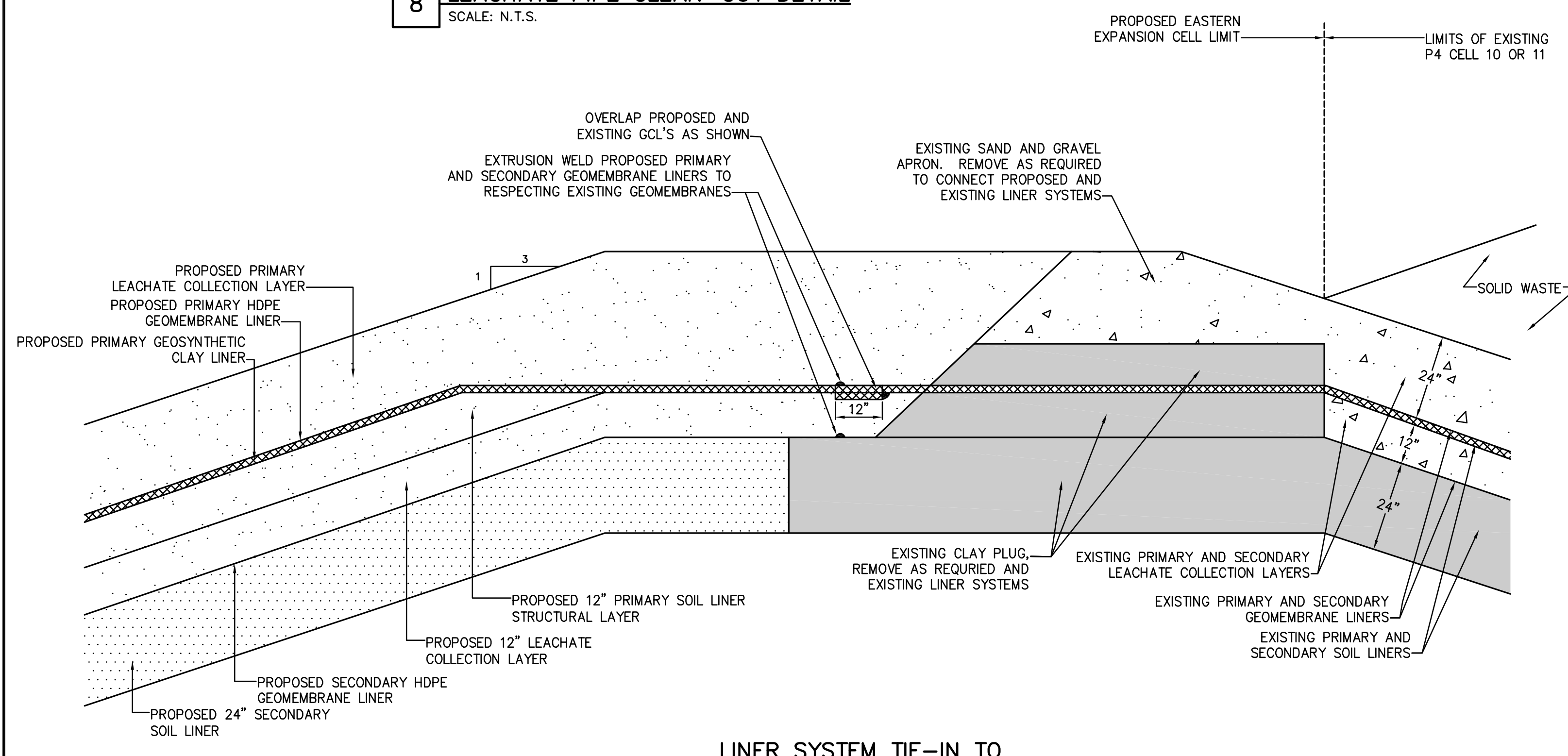
8 LEACHATE PIPE CLEAN-OUT DETAIL
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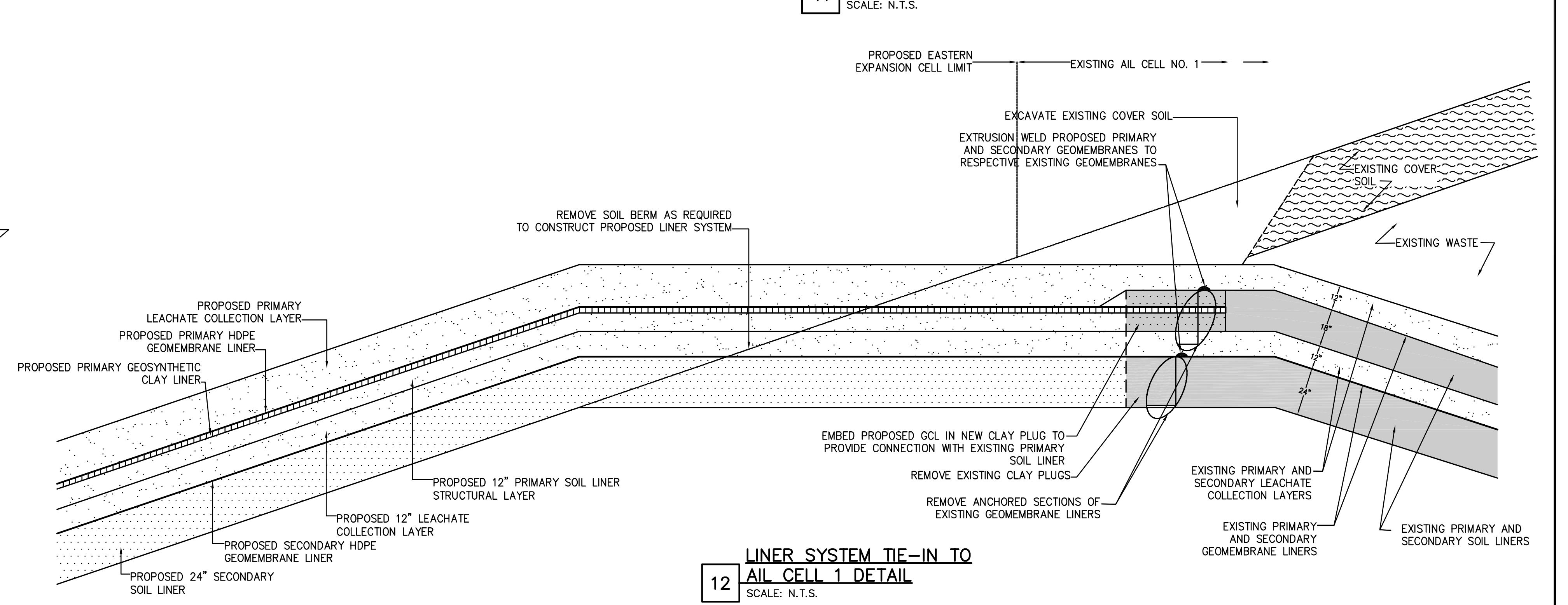
10 COVER SYSTEM DETAIL
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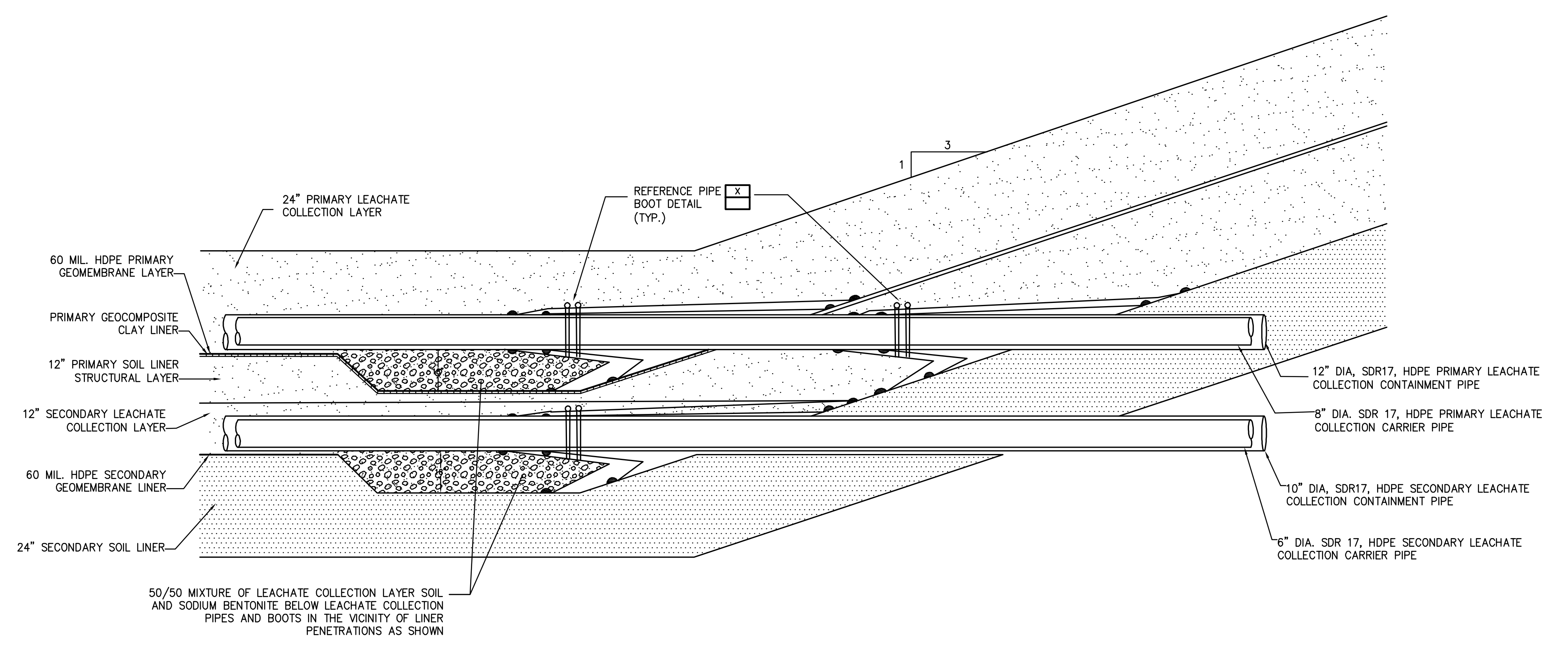
11 COVER SYSTEM TIE-IN DETAIL
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9 LINER SYSTEM TIE-IN TO AIL CELLS 8, 9, 10 AND 11
SCALE: N.T.S.



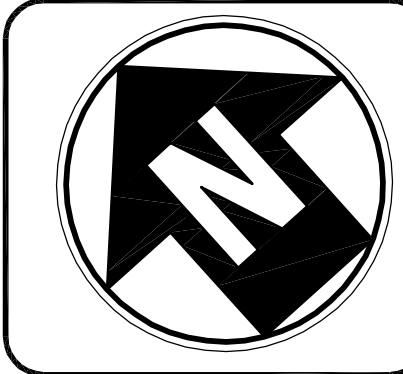
12 LINER SYSTEM TIE-IN TO AIL CELL 1 DETAIL
SCALE: N.T.S.



13 LINER SYSTEM PENETRATION DETAIL
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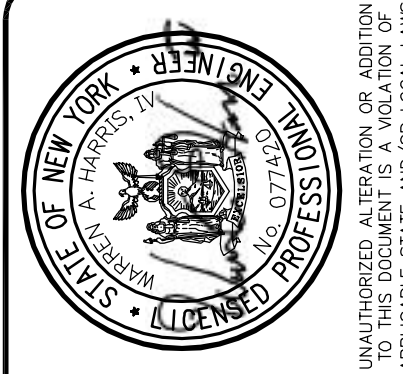
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No.	Revised	By	Date
1	REVIS	CAJ	2/22/08
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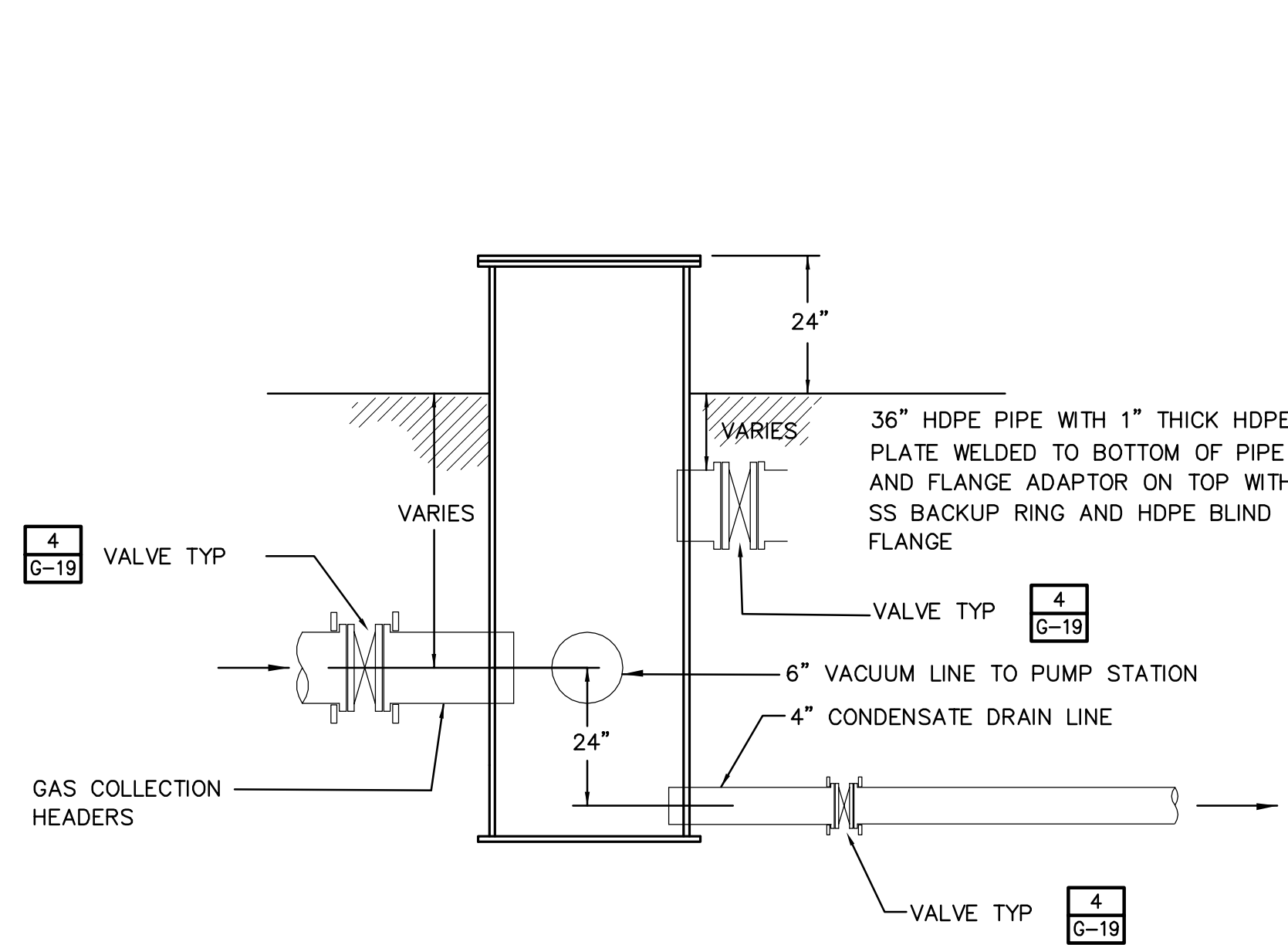
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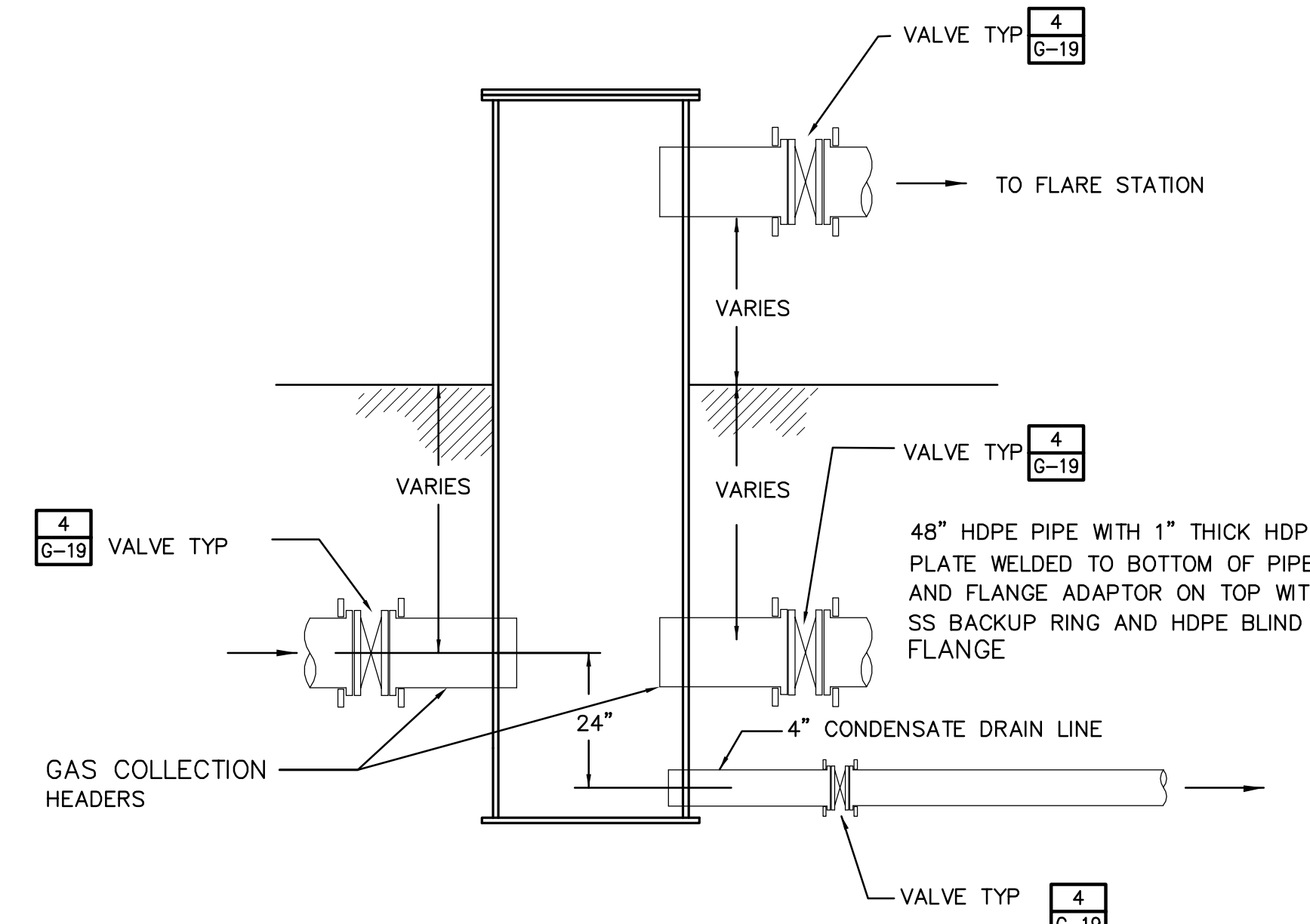
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Project No.: 12206
Issue Date: 7/07

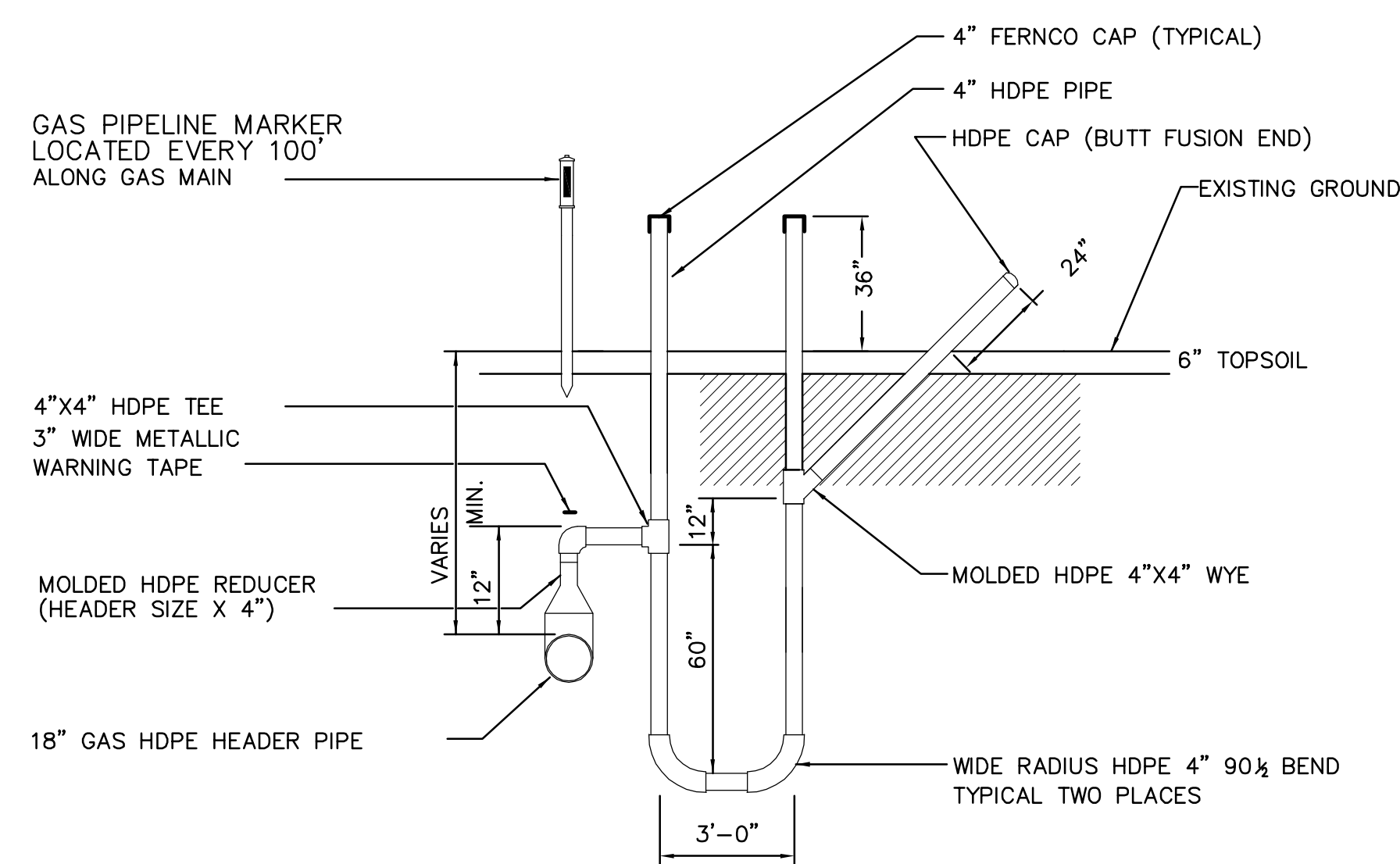
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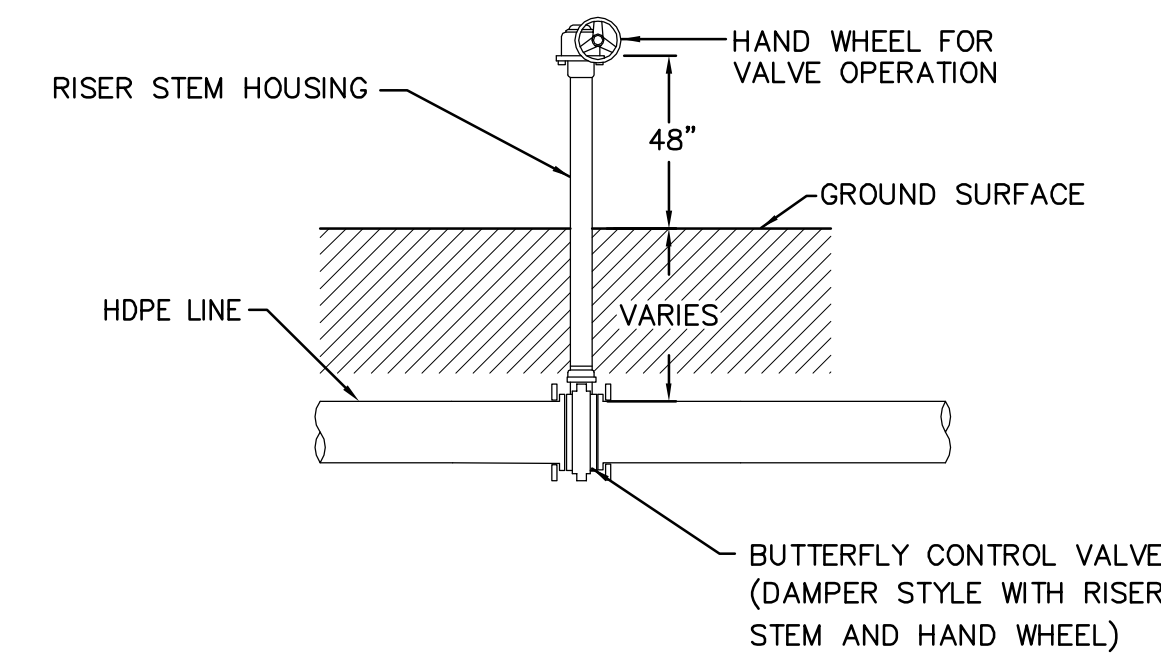
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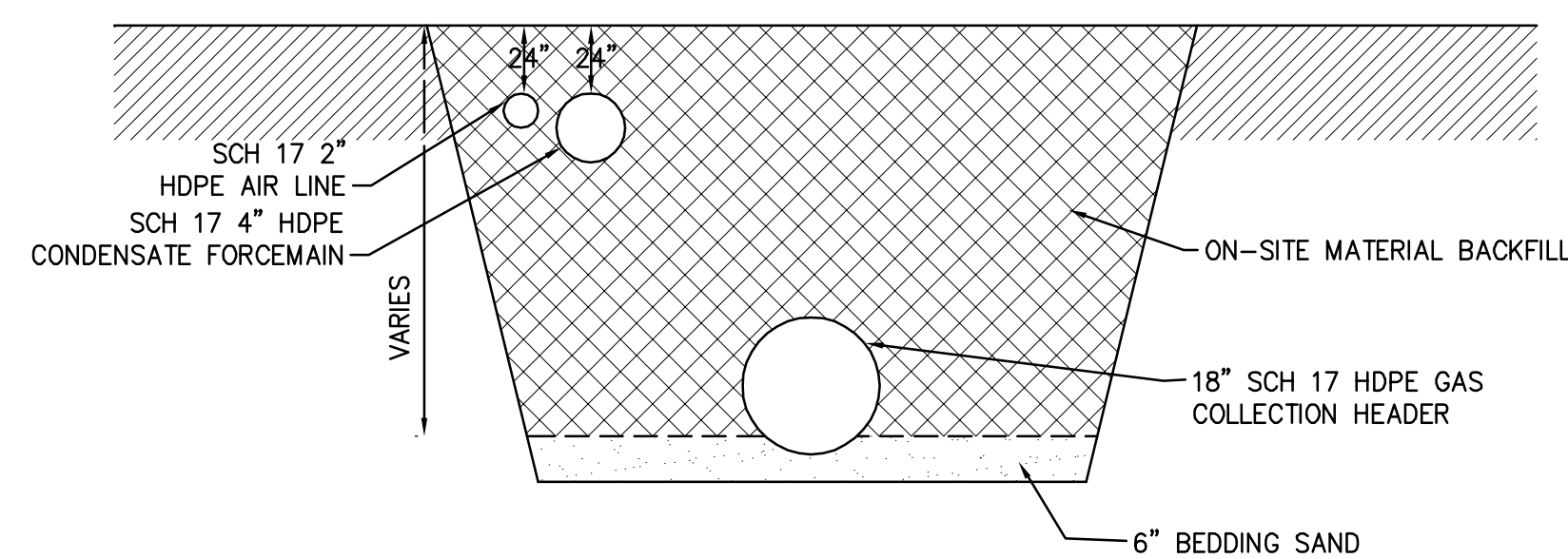
2 FLARE INLET SUMP
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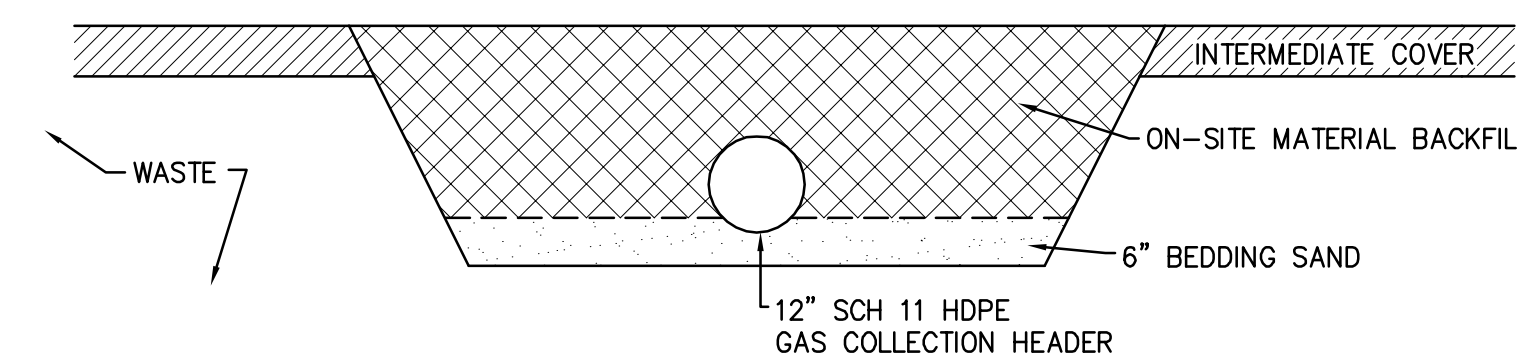
3 GAS CONNECTION POINT (TYPICAL)
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4 TYPICAL CONTROL VALVE DETAIL
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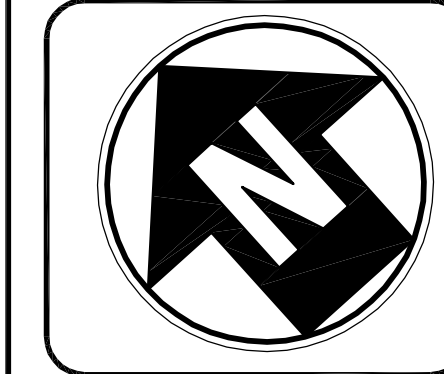


6 GAS COLLECTION TRENCH DETAIL
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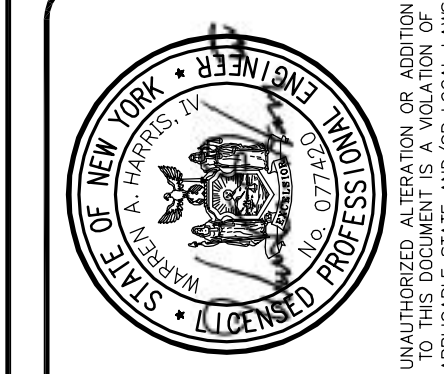
7 TEMPORARY GAS COLLECTION TRENCH DETAIL
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No.	Author	By	Date



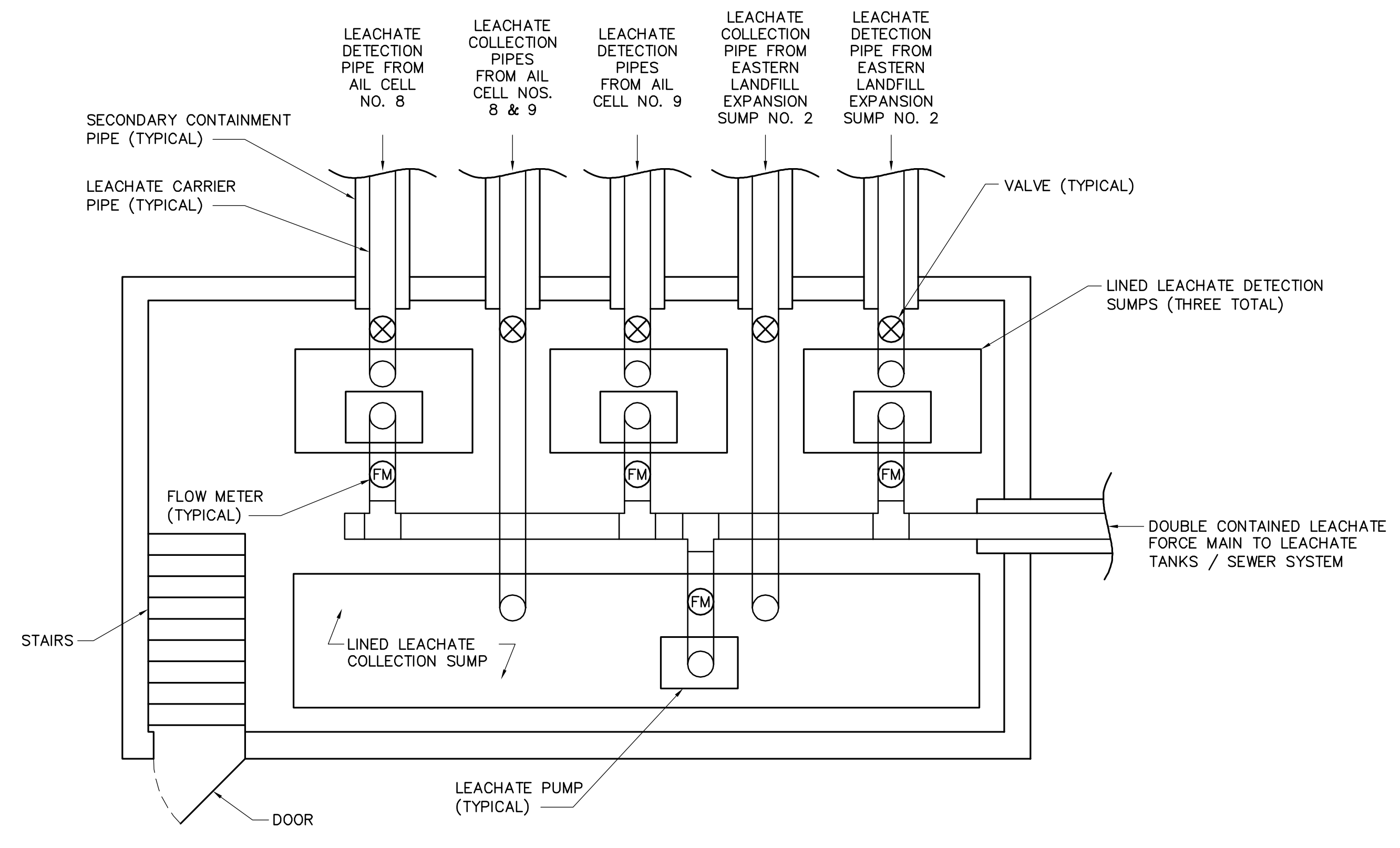
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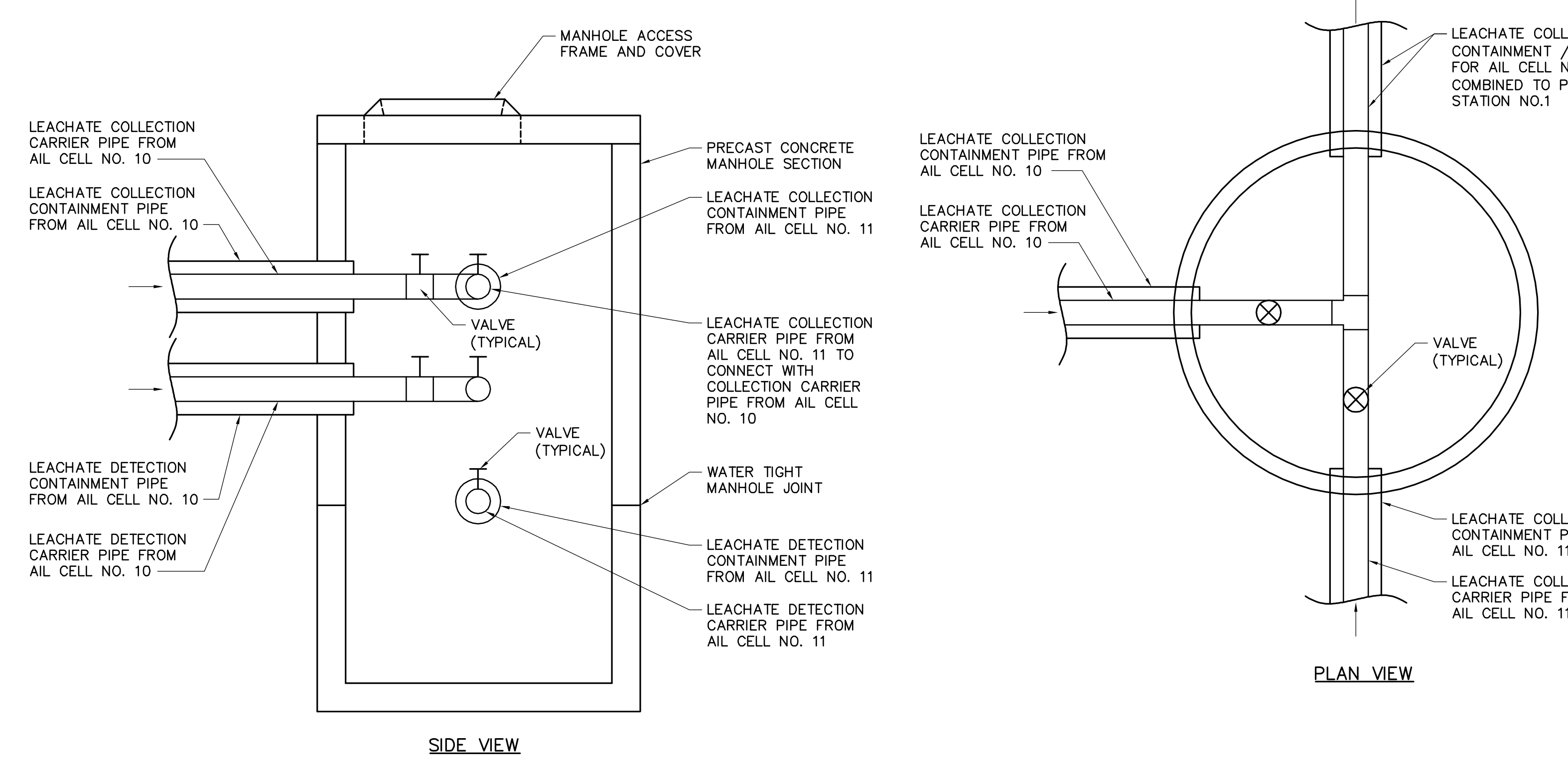



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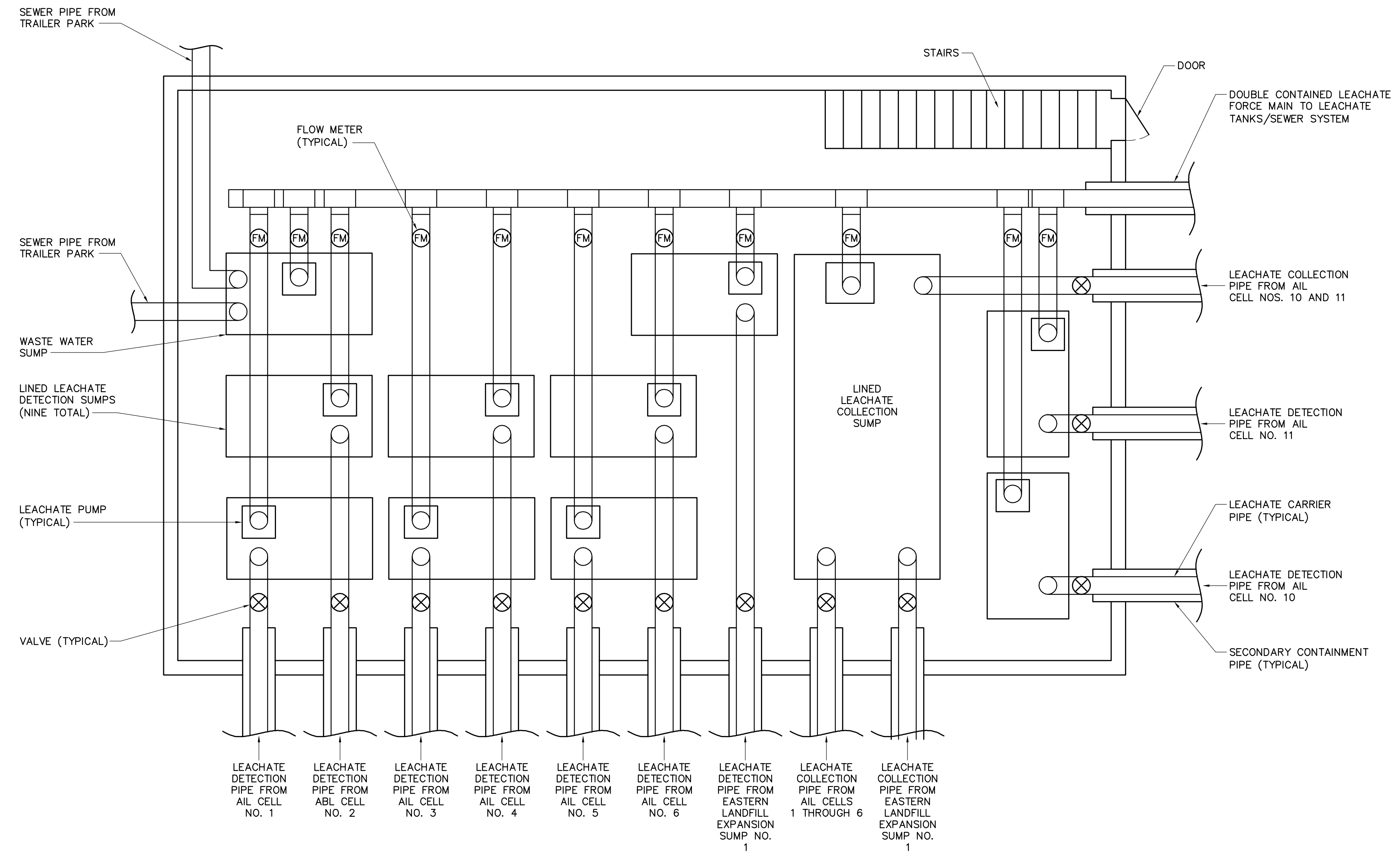
RAPP ROAD LANDFILL
 EASTERN EXPANSION
 GAS CONTROL SYSTEM DETAILS
 Project No.: 12206 Scale:
 Issue Date: 7/07



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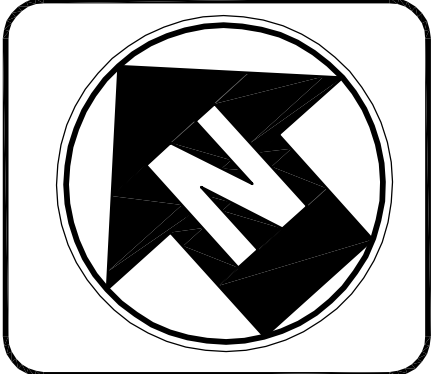
2 TYPICAL LEACHATE COLLECTION SYSTEM MANHOLE DETAIL
SCALE: N.T.S.



3 SCHEMATIC LAYOUT PUMP/METERING STATION NO.1
SCALE: N.T.S.

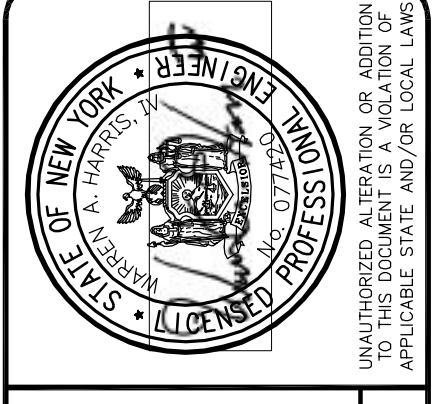
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Sheet: 2/28/2009 8:30:01 AM Plotter: 2/28/2009 8:41:50 AM User: Phelan, Cheryl

Submittal/Revision	Date



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RAPP ROAD LANDFILL
EASTERN EXPANSION
GAS CONTROL SYSTEM DETAILS
Issue Date: 7/07
Project No.: 12206
Scale:

G-20