

LEGEND

- BEDROCK WATER SUPPLY WELL
- WELL ID
- WELL ID
- WELL ID
- SW-5
- LIMITS OF GROUNDWATER MANAGEMENT AND/OR RESTRICTION ZONE
- PERIMETER OF LANDFILL (APPROXIMATE)
- RAILROAD
- PROPERTY LINE & RIGHT OF WAY
- STREAM
- TOWN LINE
- SURFACE GEOPHYSICAL PROFILE
- WELL ID
- RESIDENTIAL SAMPLING LOCATION
- QUARTERLY SYNOPTIC WATER LEVEL GAUGING LOCATION
- PRESSURE TRANSDUCER DEPLOYMENT LOCATION

NOTES

1. THIS PLAN IS BASED UPON A PLAN IN THE APRIL 2010 POP TITLED "ENVIRONMENTAL MONITORING NETWORK" DATED 08/16/07 (GOLDER ASSOCIATES, INC.), A PLAN IN THE 1999 SEDIMENT, SURFACE WATER AND GROUNDWATER MONITORING PLAN TITLED "SITE PLAN" (ARIES ENGINEERING, INC.), AND CITY OF PORTSMOUTH SUBMETER-GPS LOCATIONS FOR SITE MONITORING POINTS. STREAMS AND WATER SUPPLY WELL LOCATIONS BASED ON NH GRANT AERIAL PHOTOGRAPHY AND THE ABOVE REFERENCE SITE PLANS. SITE FEATURE LOCATIONS AND SCALE ARE APPROXIMATE.
2. APPROXIMATE PROPERTY LINES BASED ON AFOREMENTIONED PLANS. PROPERTIES IN GREENLAND ON BREAKFAST HILL ROAD BASED UPON TOWN OF GREENLAND TAX MAP R-1 (DATED APRIL 1, 2013).
3. GMZ BOUNDARY IS BASED UPON "GMZ BOUNDARY PLAN" DATED MAY 9, 2008 INCLUDED IN THE 2008 GMP APPLICATION PREPARED BY MANCOCK ASSOCIATES, AND 2013 GMZ EXPANSION AREA ESTABLISHED BY THE 2013 GMP DATED JANUARY 7, 2014.
4. GIS DATA COURTESY OF GRANIT.
5. MAP IS PROJECTED USING THE NEW HAMPSHIRE STATE PLANE PROJECTION, US FEET AND REFERENCES THE NORTH AMERICAN VERTICAL DATUM OF 1983.
6. NORTH ARROW IS REFERENCED TO GRID NORTH.

**COAKLEY LANDFILL SUPERFUND SITE
NEW HAMPSHIRE
GRAPHIC SCALE**

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SITE PLAN

PROJECT TITLE
**COAKLEY LANDFILL SUPERFUND SITE
 NORTH HAMPTON & GREENLAND, NEW HAMPSHIRE**

DRAWN BY: []
 CHECKED BY: []
 DATE: []

NO.	REV.	DESCRIPTION	DATE	DRAWN BY	CHECKED BY

FOR REGULATORY REVIEW

SCALE: 1"=500'

DATE: 2019-06-25

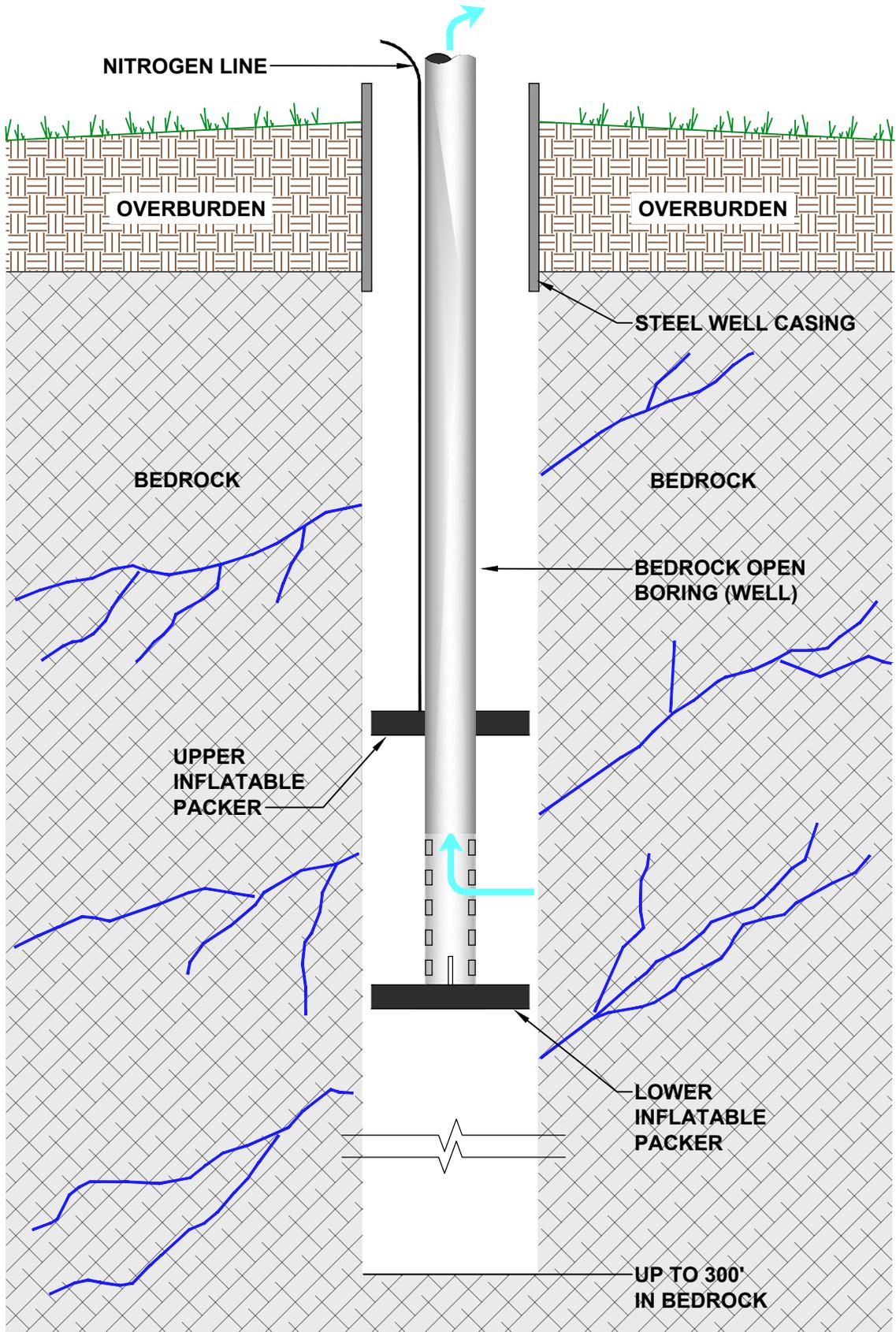
DRAWN BY: BLQ CHECKED BY: CB

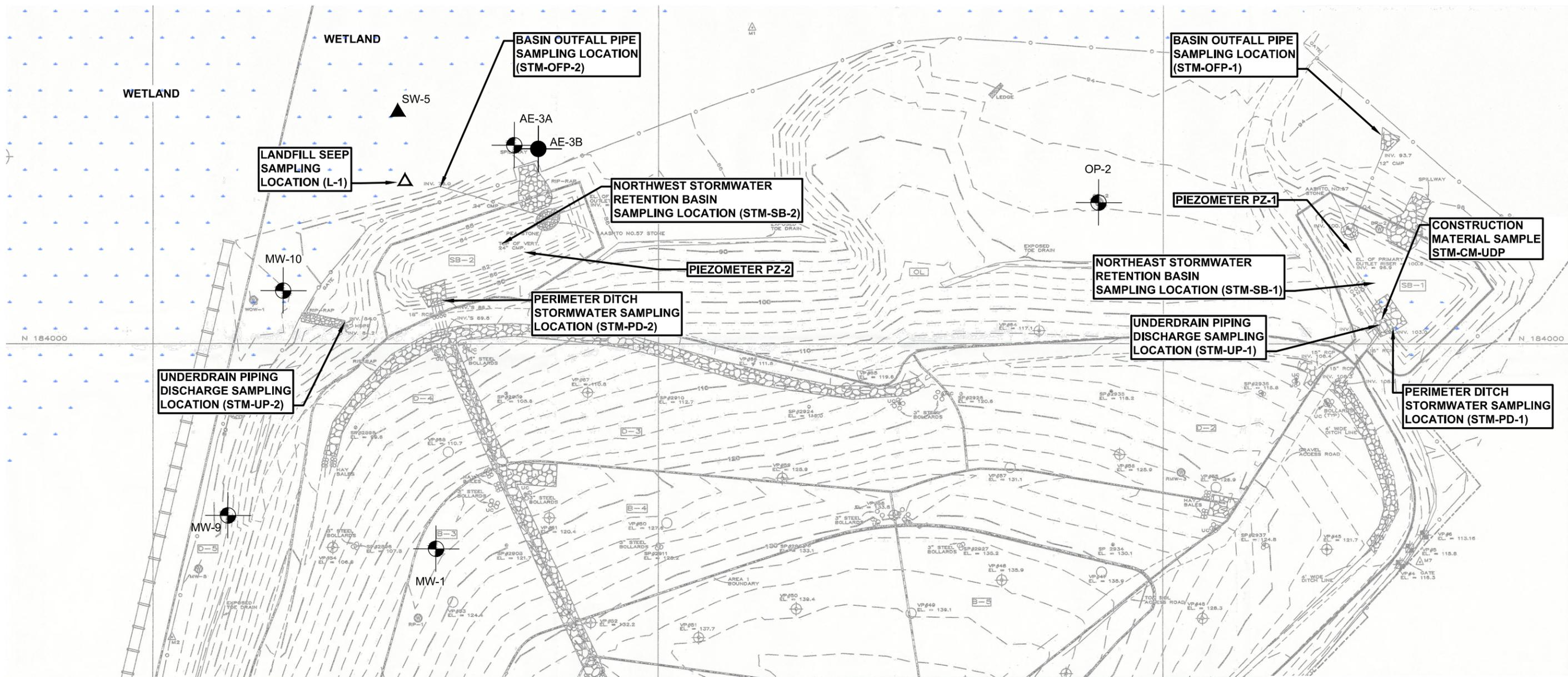
DESIGNED BY: BLQ APPROVED BY: CB

XREF NUMBER: 10424.002

DRAWING NUMBER: **C101**

P:\1924\COAKLEY LANDFILL_GROUNDWATER MONITORING\GENERAL TECH ASSISTANCE SERVICES\2019\2019-06-25\2019-06-25.dwg, 10:29 AM



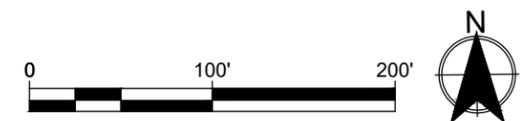


LEGEND

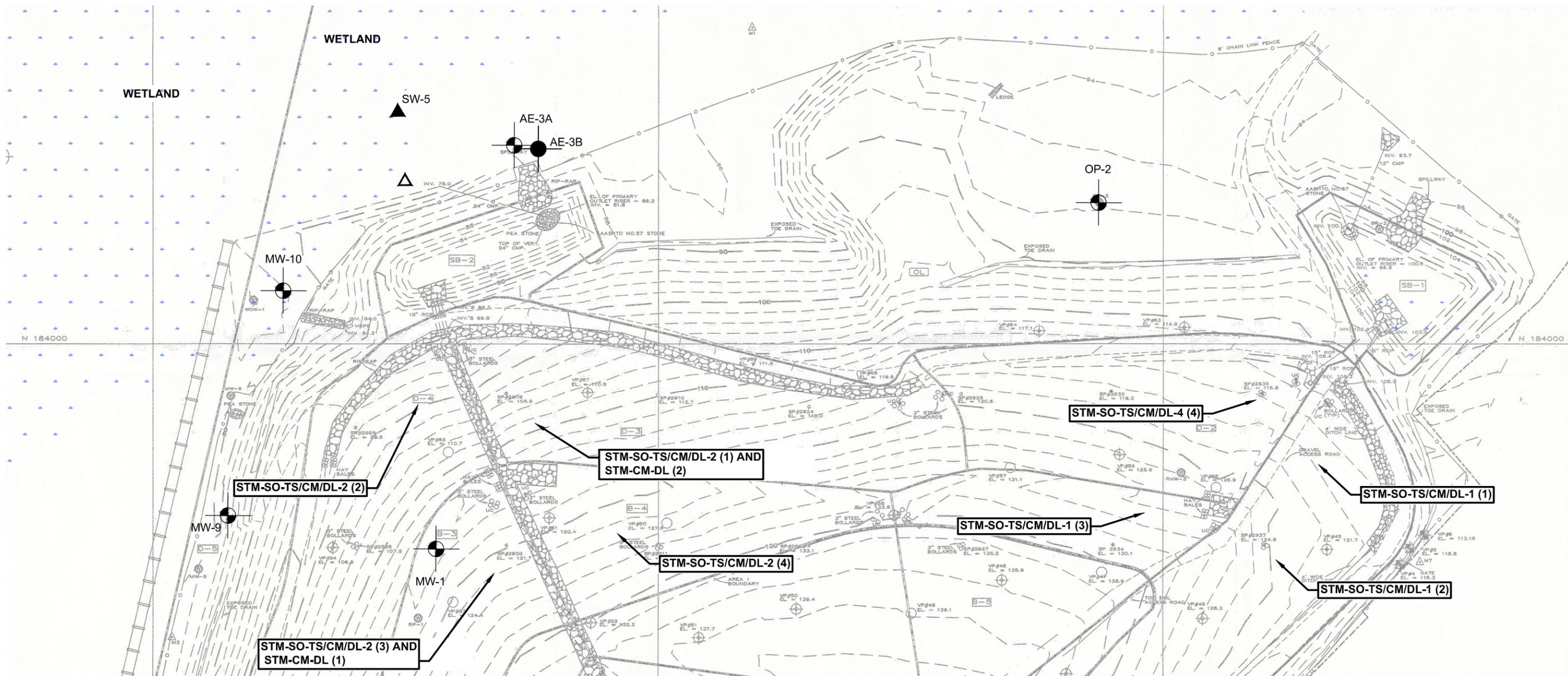
- ▲ L-1 LEACHATE SAMPLING LOCATION
- WELL ID OVERBURDEN MONITORING WELL
- WELL ID BEDROCK MONITORING WELL
- ▲ SW-5 SURFACE WATER SAMPLING LOCATION

PLAN REFERENCE

EXISTING CONDITIONS BASEMAP FROM PLAN TITLED "AS-BUILT SURVEY OF THE COAKLEY LANDFILL, BREAKFAST HILL ROAD, NORTH HAMPTON, N.H.", PREPARED BY RICHARD D. BARTLESS & ASSOCIATES, INC. AND DATED SEPT. 23, 1998.



<p>PROJECT TITLE: COAKLEY LANDFILL SUPERFUND SITE NORTH HAMPTON & GREENLAND, NEW HAMPSHIRE</p> <p>SHEET TITLE: STORMWATER SAMPLE LOCATIONS</p>	<p>DWG: FIGURE 1</p> <p>JN: 10424.020</p> <p>SCALE: 1"=100'</p>	<p>BY: BLQ</p> <p>DATE: 2018-09-05</p> <p>APPROVED BY: CB</p> <p>CHECKED BY: CB</p>	<p>REV: WEH</p> <p>REV DATE: 2019-02-01</p> <p>ISSUE: </p> <p>ISSUE DATE: </p>	<p>DESCRIPTION: FOR REVIEW</p> <hr/> <p>DESCRIPTION: NOT FOR CONSTRUCTION</p>	
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LEGEND

▲ L-1	LEACHATE SAMPLING LOCATION	STM-SO-TS	SOIL SAMPLE - TOP SOIL (VEGETATIVE LAYER)
●	OVERBURDEN MONITORING WELL	STM-SO-CM	SOIL SAMPLE - COMMON BORROW (FROST PREVENTION LAYER)
●	BEDROCK MONITORING WELL	STM-SO-DL	SOIL SAMPLE - SAND DRAINAGE LAYER
▲ SW-5	SURFACE WATER SAMPLING LOCATION	STM-CM-UDP	CONSTRUCTION MATERIAL SAMPLE - UNDER DRAIN PIPE
		STM-CM-DL	CONSTRUCTION MATERIAL SAMPLE - GEOTEXTILE FABRIC

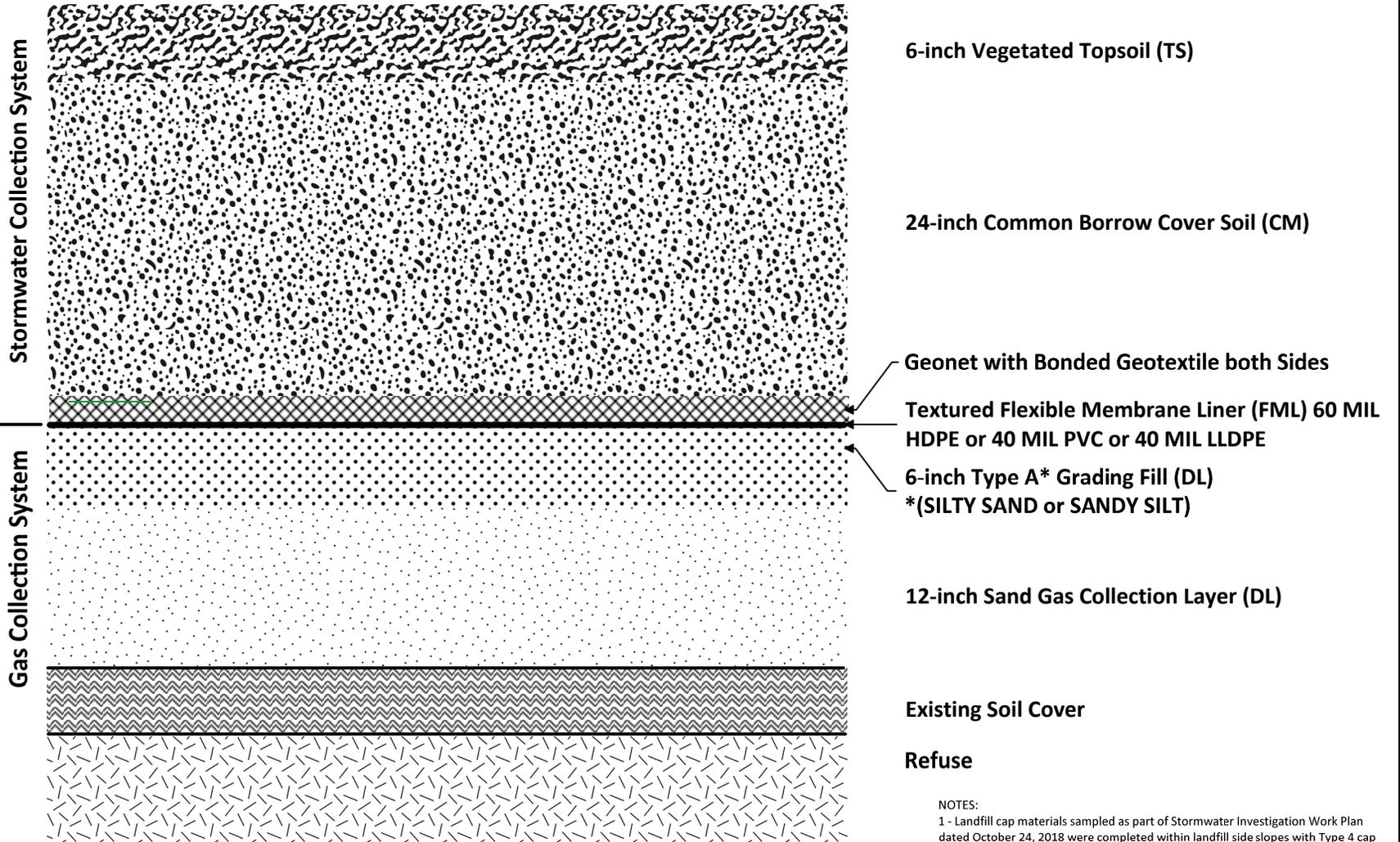
PLAN REFERENCE

EXISTING CONDITIONS BASEMAP FROM PLAN TITLED "AS-BUILT SURVEY OF THE COAKLEY LANDFILL, BREAKFAST HILL ROAD, NORTH HAMPTON, N.H.", PREPARED BY RICHARD D. BARTLESS & ASSOCIATES, INC. AND DATED SEPT. 23, 1998.



PROJECT TITLE:	COAKLEY LANDFILL SUPERFUND SITE NORTH HAMPTON & GREENLAND, NEW HAMPSHIRE	DWG:	FIGURE 2	BY:	BLQ	REV:	WEH	DESCRIPTION:	FOR REVIEW
SHEET TITLE:	COVER SYSTEM SAMPLE LOCATIONS	JN:	10424.020	DATE:	2018-09-05	REV DATE:	2019-02-01	DESCRIPTION:	NOT FOR CONSTRUCTION
		SCALE:	1"=100'	APPROVED BY:	CB	ISSUE:			
				CHECKED BY:	CB	ISSUE DATE:			





NOTES:
 1 - Landfill cap materials sampled as part of Stormwater Investigation Work Plan dated October 24, 2018 were completed within landfill side slopes with Type 4 cap details within Area 2 portions of the landfill having >5% to >20% slopes.
 2 - Details referenced from Coakley Landfill 100% Remedial Design Report - Drawing 5-5 "Cap Layout and Cap Sections".
 3 - *Sample STM-CM-UDP was collected from an exposed section of underdrain piping at the discharge point located west of stormwater control basin SB-2.

PROJECT TITLE: **COAKLEY LANDFILL SUPERFUND SITE**
NORTH HAMPTON & GREENLAND, NEW HAMPSHIRE

SHEET TITLE: **LANDFILL SIDE SLOPE CAP DETAILS - TYPE 4 CAP TYPE**

DWG: **1 OF 1**

JN: 10424.020

SCALE: AS SHOWN

BY: CFB

DATE: 2019-02-19

REV:

REV DATE:



NW Stormwater Basin

PFOA 1,160 ppt
PFOS 1,460 ppt

NE Stormwater Basin

PFOA 1,290 ppt
PFOS 1,420 ppt

NW Stormwater Underdrain

PFOA 2,480 ppt
PFOS 3,390 ppt

NE Stormwater Underdrain

PFOA 2,230 ppt
PFOS 2,110 ppt

Coakley Landfill

Rumbletree

Coastal Enginuity

North Hill Nursery

Max BMW Motorcycles

Lafayette Rd

Landfill Cap Cross-Section

