

MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT

CONSTRUCTION DRAWINGS

MODULE 6 LINER SYSTEM

MONTEREY PENINSULA LANDFILL

LEGEND

- B-1 GEOTECHNICAL BORING LOCATION
- ⊙ G-41 MONITORING WELL LOCATION
- ⊗ GP-6A LANDFILL GAS PROBE LOCATION
- ⊕ 1000 SURVEY CONTROL POINT
- 2H:1V SLOPE INDICATOR HORIZONTAL:VERTICAL
- 1V:2H SLOPE INDICATOR
- 2% GRADE INDICATOR
- PROPERTY BOUNDARY
- - - PERMITTED LANDFILL FOOTPRINT
- · - · - MODULE 6 LIMIT
- · - · - APPROXIMATE EXISTING MODULE LIMIT
- - - 6 in DIA. LEACHATE EXTRACTION PIPE
- ⊙ A 2 3 DETAIL/SECTION DESIGNATION DRAWING WHERE SECTION/DETAIL IS LOCATED
- ⊙ A 2 3 DRAWING WHERE SECTION/DETAIL IS FIRST REFERENCED

ABBREVIATIONS

- AB AGGREGATE BASE
- AC ASPHALT CONCRETE
- CMP CORRUGATED METAL PIPE
- CPP CORRUGATED POLYETHYLENE PIPE
- DST DOUBLE-SIDED TEXTURED
- FT FEET
- HDPE HIGH DENSITY POLYETHYLENE
- HMA HOT MIX ASPHALT
- IE INVERT ELEVATION
- IN INCHES
- MSL MEAN SEA LEVEL
- NTS NOT TO SCALE
- SSV SELECT SOIL VENEER

VICINITY MAP



LOCATION MAP



SOURCE: U.S.G.S. 1:100,000 MAP; MONTEREY, CALIFORNIA, 1983.

DRAWING INDEX

DRAWING NUMBER	DESCRIPTION
1	TITLE SHEET
2	EXISTING CONDITIONS
3	EXCAVATION GRADES
4	LINER GRADES
5	NORTHWEST SLOPE AND INTERIM LEACHATE EXTRACTION PLANS
6	CROSS-SECTIONS
7	UNDERDRAIN AND LINER DETAILS
8	LINER DETAILS
9	LINER TERMINATION DETAILS
10	SURFACE WATER CONTROL DETAILS
11	INTERIM LEACHATE EXTRACTION DETAILS
12	LEAK DETECTION SYSTEM DETAILS
13	CALPINE ROAD REALIGNMENT PLAN AND PROFILE
14	SURVEY CONTROL POINT TABLE

GENERAL NOTES

1. TOPOGRAPHY PROVIDED BY AERIAL PHOTOMAPPING SERVICES. DATE OF TOPOGRAPHY: JUNE 29, 2018. DATUM: NAVD88.
2. SURVEY CONTROL POINTS BASED ON NAD83 CA STATE ZONE IV.
3. THE PROJECT SITE IS LOCATED IN UNINCORPORATED MONTEREY COUNTY. THE APPLICABLE CALIFORNIA SALES TAX RATE IS 7.75%.
4. CONTRACTOR WORK HOURS MAY OCCUR BETWEEN 6 AM AND 6 PM MONDAY THROUGH SATURDAY UNLESS APPROVED OTHERWISE. THE POSTED PUBLIC GATE HOURS ARE MONDAY THROUGH FRIDAY 7 AM TO 4 PM AND SATURDAY 8 AM TO 4 PM.

SEAL



CLIENT
MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT
 14201 DEL MONTE BOULEVARD
 MONTEREY COUNTY, CA 93933-1670 PH: (831) 384-5313

CONSULTANT

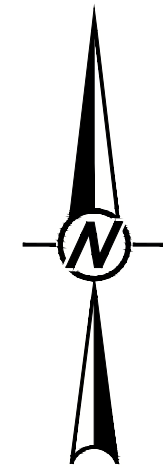


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PROJECT
MONTEREY PENINSULA LANDFILL
 MODULE 6 LINER DESIGN
 MONTEREY COUNTY, CALIFORNIA

TITLE
TITLE SHEET

Rev.	YYYY-MM-DD	DESCRIPTION	PREPARED	DESIGN	REVIEW	APPROVED
1	2019-01-06	ISSUED FOR BIDDING	JDR	JDR	RH	KGH
0	2018-12-18	ISSUED FOR BIDDING	JDR	JDR	RH	KGH



ACCESS FROM DEL MONTE BOULEVARD

SITE ENTRANCE

ADMINISTRATION BUILDING

SCALES

COMPOSTING OPERATION

TRUCK YARD ADMINISTRATION AND MAINTENANCE SHOP

CONTRACTOR'S STAGING AREA

MONTEREY REGIONAL WATER POLLUTION CONTROL AGENCY WASTEWATER TREATMENT PLANT

MATERIALS RECOVERY FACILITY

MODULE 1 (EXISTING)

MODULE 4 (EXISTING)

MODULE 6

MODULE 5 (EXISTING)

MODULE 2 (EXISTING)

MODULE 3 (EXISTING)

CALPINE ROAD REALIGNMENT (DRAWING 13)

CONCRETE RECYCLING

SAND PROCESSING

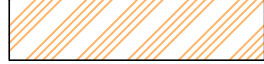
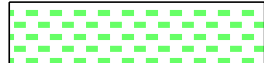

SAND STOCKPILE

CLAY STOCKPILE

WATER SOURCE

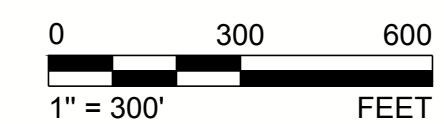
SALINAS RIVER

LEGEND

- PROPERTY BOUNDARY
- - - PERMITTED LANDFILL FOOTPRINT
- - - - - APPROXIMATE EXISTING MODULE LIMIT
- - - - - APPROXIMATE BORROW/STOCKPILE LIMIT
- - - - - MODULE 6 LIMIT
- - - - - MODULE 6 AND CALPINE REALIGNMENT EARTHWORK BOUNDARY
- - - - - MODULE 6 POND BOUNDARY
-  MODULE 6 AREA
-  CONTRACTOR STAGING AREA
-  STOCKPILE

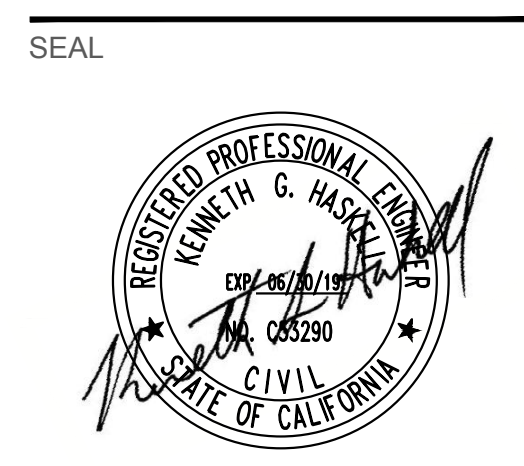
NOTE(S)

1. TOPOGRAPHY PROVIDED BY AERIAL PHOTOMAPPING SERVICES. DATE OF TOPOGRAPHY: JUNE 29, 2018. DATUM: NAVD88.
2. PROTECT EXISTING UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS ASSOCIATED WITH DAMAGES TO ANY UTILITIES INCURRED BY THE CONTRACTOR OR ASSOCIATED SUBCONTRACTORS.



Path: \\sacramento\share\ss\st\monterey\civil\3d\2018\MODULE 6 DESIGN\1 - Last Edited By: jacob Date: 2019-01-10 Time: 2:34:31 PM | Printed By: jacob Date: 2019-01-11 Time: 8:35:59 AM

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1	2019-01-06	ISSUED FOR BIDDING	JDR	JDR	RH	KGH
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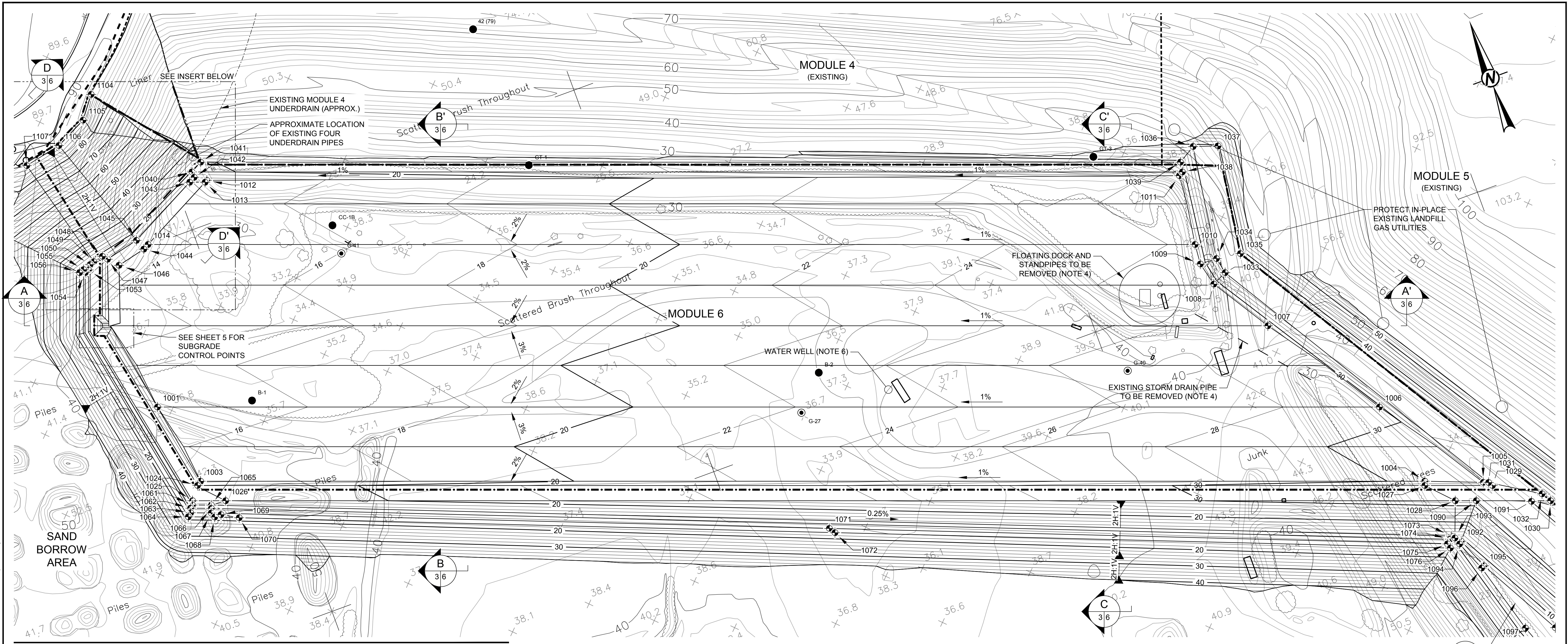
PROJECT
MONTEREY PENINSULA LANDFILL
MODULE 6 LINER DESIGN
 MONTEREY COUNTY, CALIFORNIA

TITLE
EXISTING CONDITIONS

PROJECT NO.
1779479

REV. 1 2 of 14 DRAWING **2**

1 in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANS/D

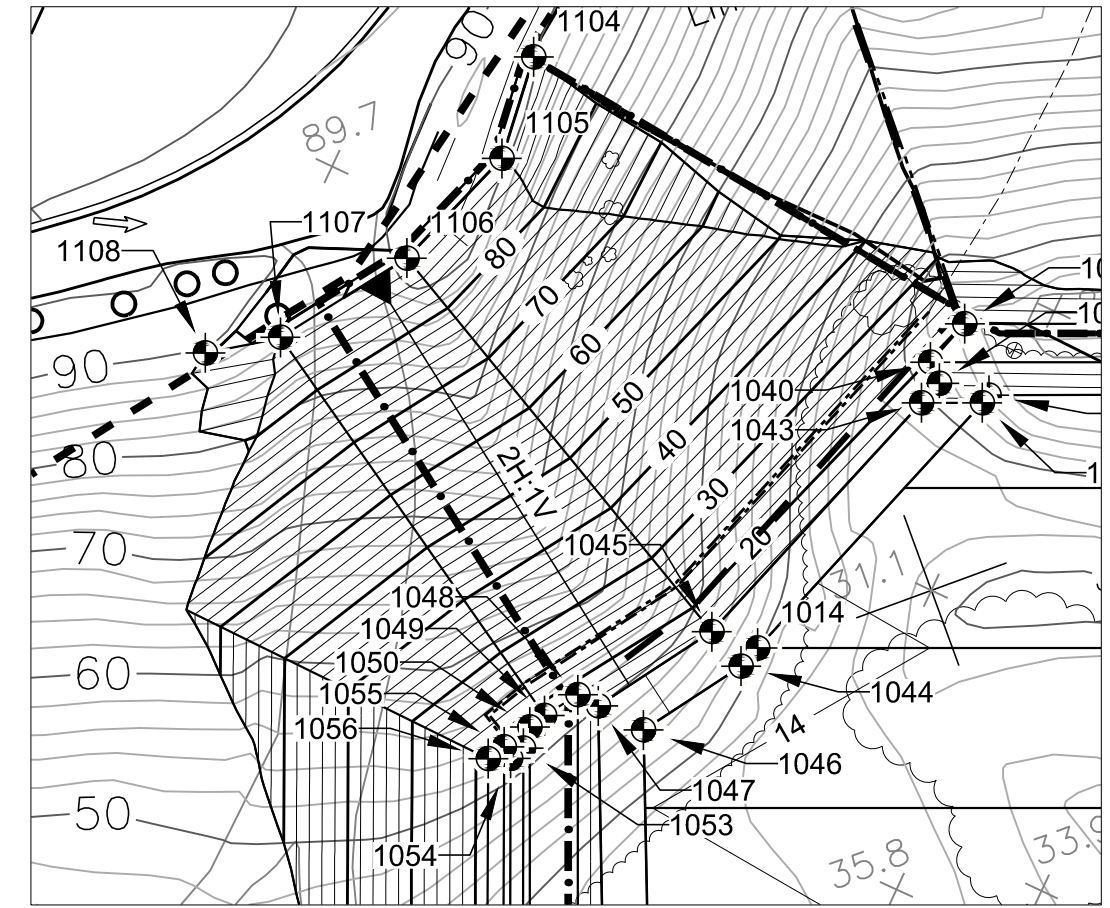


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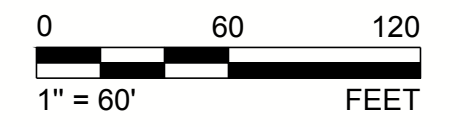
--- PERMITTED LANDFILL FOOTPRINT	1000 SUBGRADE SURVEY CONTROL POINT (NOTE 5)
- - - - - APPROXIMATE EXISTING MODULE LIMIT	G-27 MONITORING WELL
--- MODULE 6 LIMIT	GP-6A LANDFILL GAS PROBE
- - - - - APPROXIMATE ALIGNMENT OF MODULE 4 UNDERDRAIN	B-1 GEOTECHNICAL BORING
2% GRADE INDICATOR	2H:1V SLOPE INDICATOR

NOTE(S)

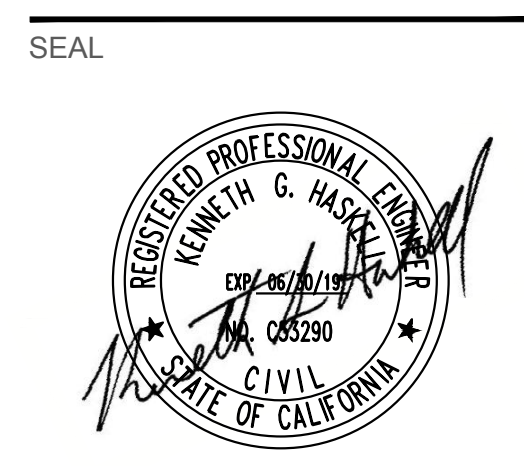
- TOPOGRAPHY PROVIDED BY AERIAL PHOTOMAPPING SERVICES. DATE OF TOPOGRAPHY: JUNE 29, 2018. DATUM: NAVD88.
- PROTECT EXISTING UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS ASSOCIATED WITH DAMAGES TO ANY UTILITIES INCURRED BY THE CONTRACTOR OR ASSOCIATED SUBCONTRACTORS.
- ELEVATED STORAGE TANKS AND ELECTRICAL SUPPLY WITHIN THE FOOTPRINT OF THE PROPOSED EXCAVATION AND/OR FILLS SHALL BE REMOVED BY OTHERS.
- SALVAGE AND DELIVER TO OWNER.
- SEE SHEET 14 FOR SUBGRADE SURVEY CONTROL TABLE.
- SEE DRAWING 12, DETAIL 3 FOR WELL ABANDONMENT REQUIREMENTS.



PROPOSED STORMWATER BASIN
1
3/10



1	2019-01-06	ISSUED FOR BIDDING	JDR	JDR	RH	KGH
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PROJECT
MONTEREY PENINSULA LANDFILL
MODULE 6 LINER DESIGN
 MONTEREY COUNTY, CALIFORNIA

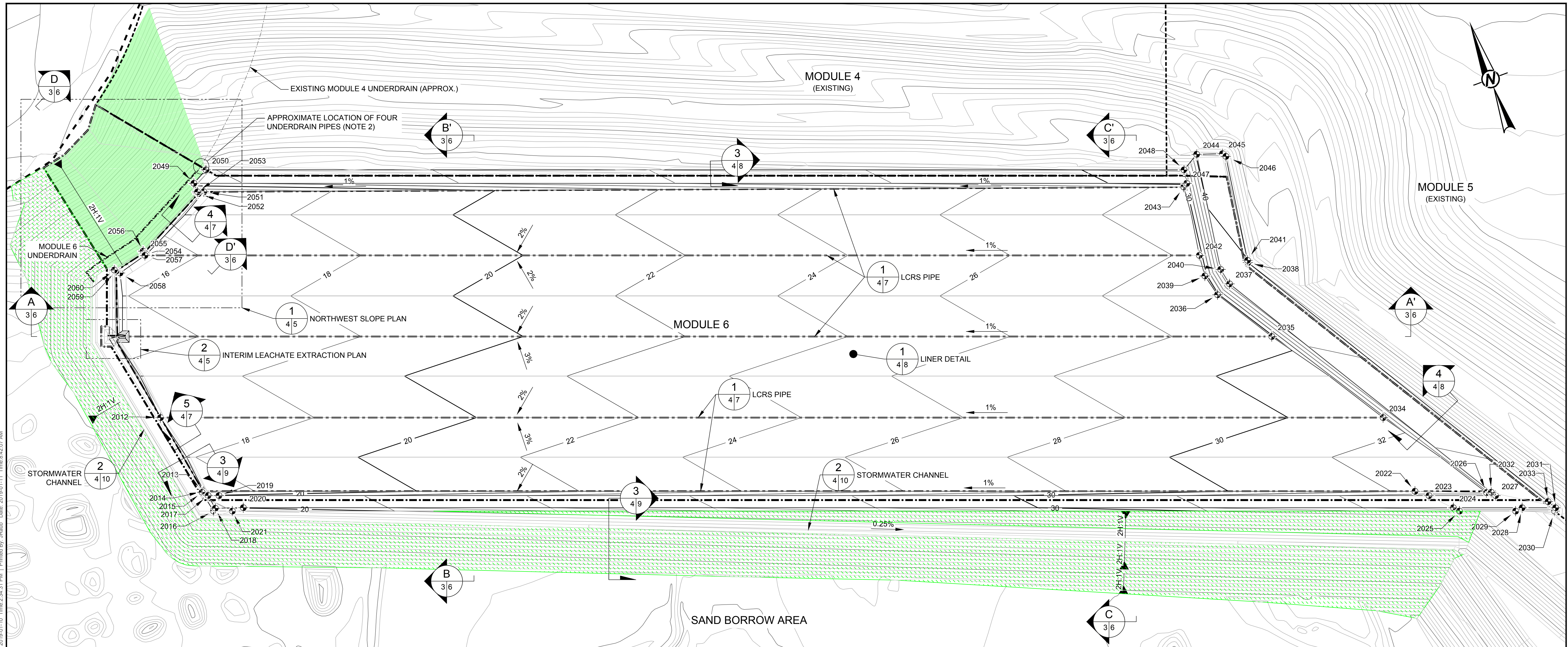
TITLE
EXCAVATION GRADES

PROJECT NO.
1779479

REV. 1 3 of 14 DRAWING **3**

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1" = 60' IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM A3S1D



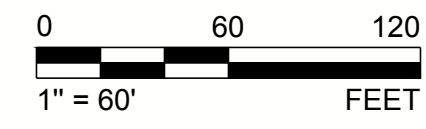
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NOTE(S)

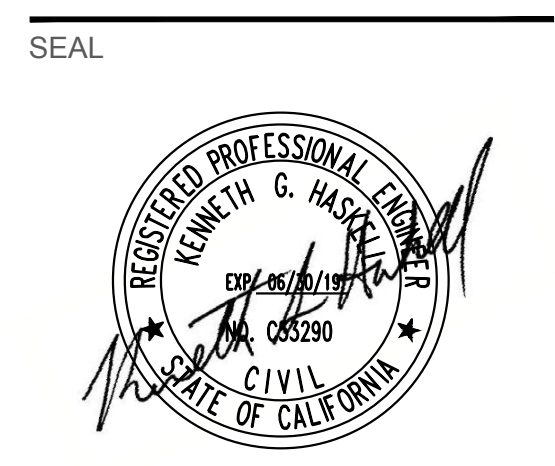
1. TOPOGRAPHY PROVIDED BY AERIAL PHOTOMAPPING SERVICES. DATE OF TOPOGRAPHY: JUNE 29, 2018. DATUM: NAVD88. TOPOGRAPHY MODIFIED TO INCLUDE MODULE 6 SUBGRADE (DRAWING 3).
2. CONTRACTOR TO EXPOSE UNDERDRAIN PIPES (4) A MINIMUM OF 2 FEET BEYOND THE EXISTING DAYLIGHT POINT AT EDGE OF MODULE 4 AND EXTEND ALONG THE SIDE SLOPE TO DRAIN AT A 1% SLOPE. CONTRACTOR SHALL INITIALLY EXCAVATE AND EXPOSE UNDERDRAIN PIPING AT THE EDGE OF THE MODULE 4 LINER FOR DESIGN ENGINEER'S INSPECTION AND REVIEW. BASED ON ACTUAL PIPING CONDITIONS ENCOUNTERED, DESIGN ENGINEER MAY ISSUE A DESIGN CHANGE FOR THE UNDERDRAIN CONSTRUCTION.
3. CONTRACTOR TO EXPOSE THE EXISTING GEOMEMBRANE LINER FOR MODULES 4 AND 5 AND SURVEY THE EDGE OF LINER AT 100 FT SPACING. CONTRACTOR SHALL ADJUST TIE-IN GRADES TO MATCH THE EXISTING MODULES 4 AND 5 EDGE OF LINER.
4. SEE SHEET 14 FOR LINER SURVEY CONTROL POINT TABLE.

LEGEND

- PERMITTED LANDFILL FOOTPRINT
- - - - - APPROXIMATE EXISTING MODULE LIMIT
- · - · - · - MODULE 6 LIMIT
- 6 in DIA. LEACHATE EXTRACTION PIPE
- - - - - PROPOSED UNDERDRAIN PIPE
- NEW SACRIFICIAL GEOMEMBRANE COVER
- ▨ AREA FOR EROSION CONTROL BLANKET AND STRAW WATTLE INSTALLATION
- ▲ 2H:1V SLOPE INDICATOR
- ↘ 2% GRADE INDICATOR
- 2000 LINER SURVEY CONTROL POINT (NOTE 4)



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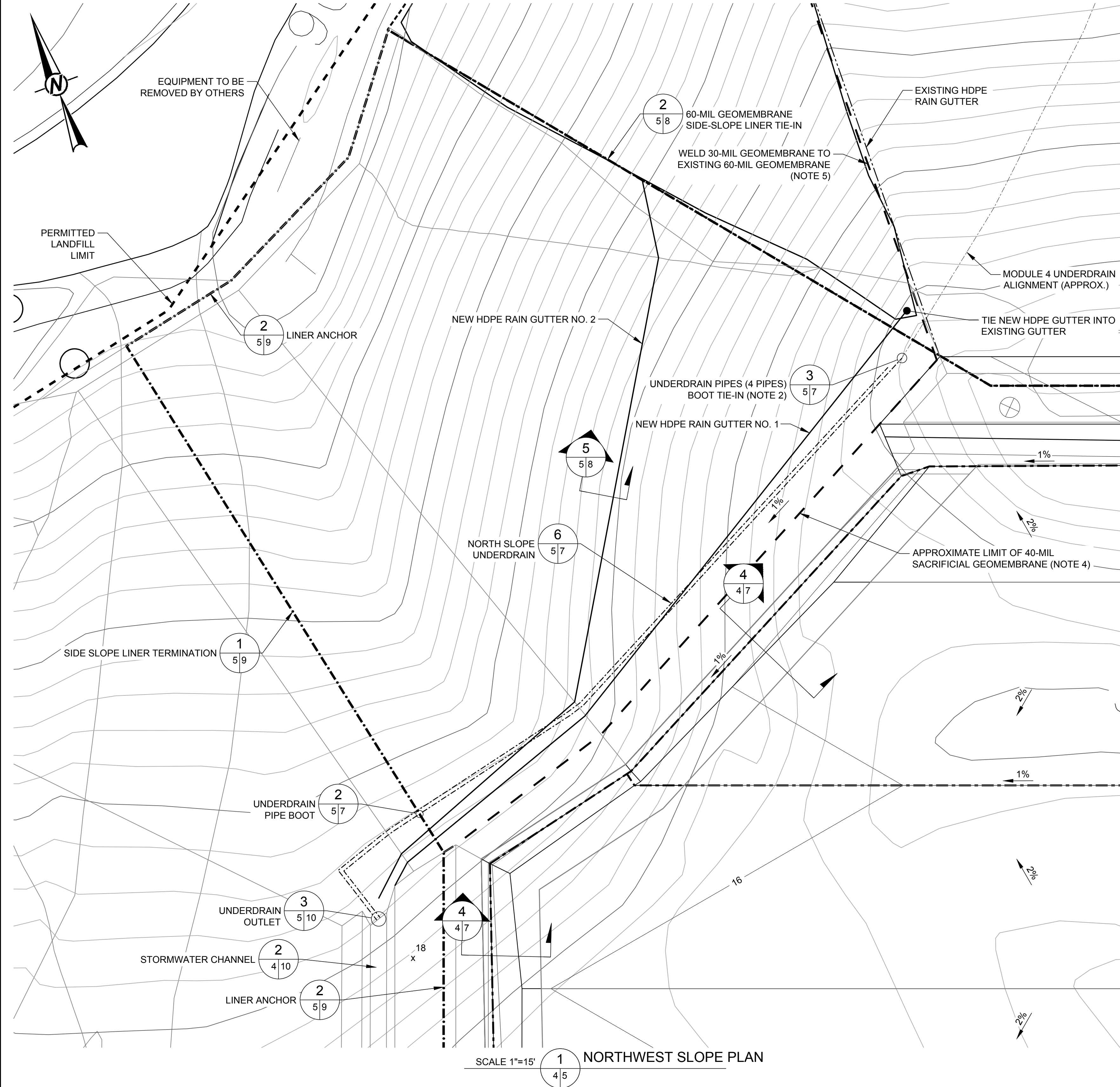
PROJECT
MONTEREY PENINSULA LANDFILL
MODULE 6 LINER DESIGN
 MONTEREY COUNTY, CALIFORNIA

TITLE
LINER GRADES

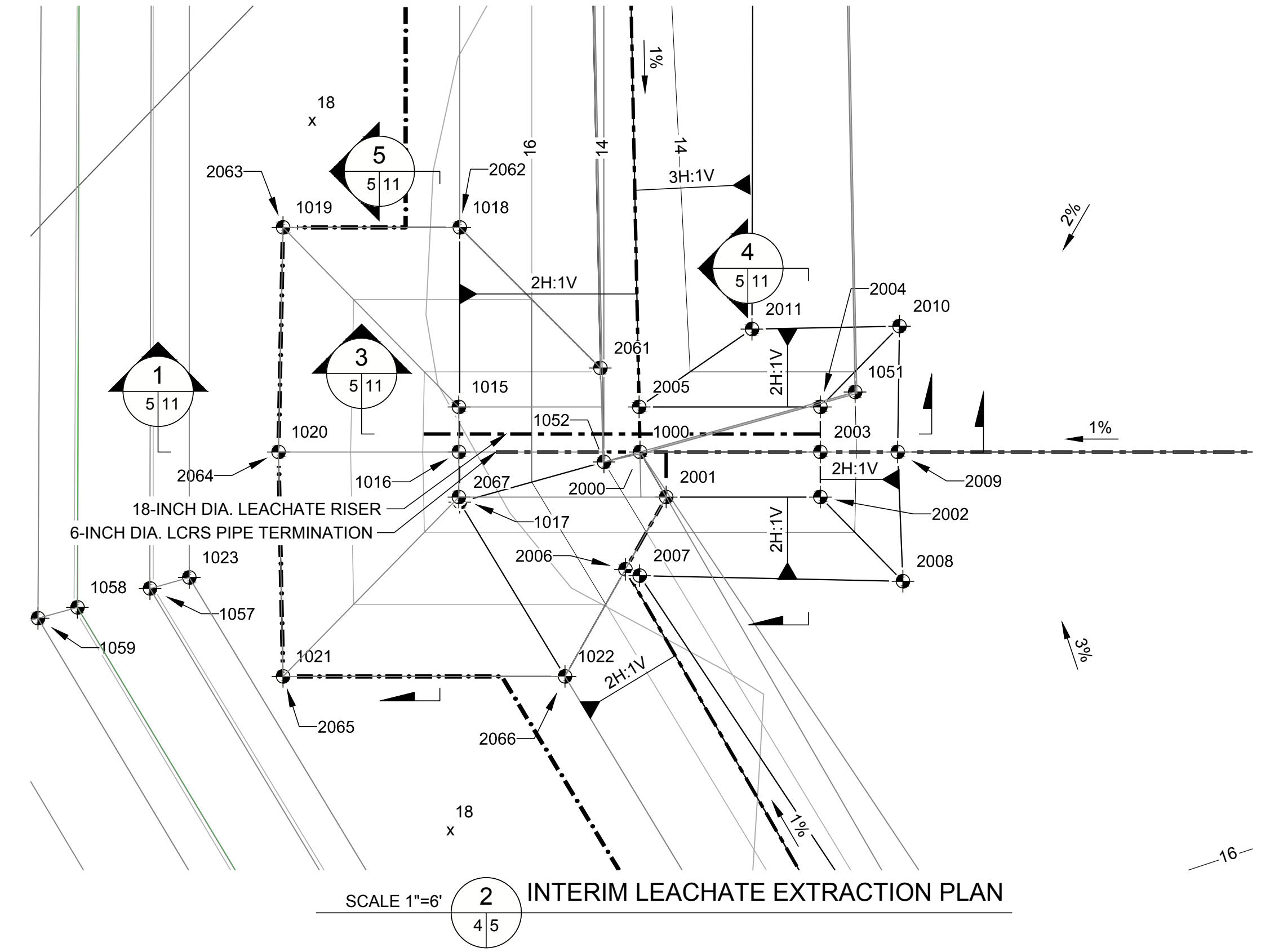
PROJECT NO. 1779479
 REV. 1
 4 of 14
 DRAWING 4

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANS/D

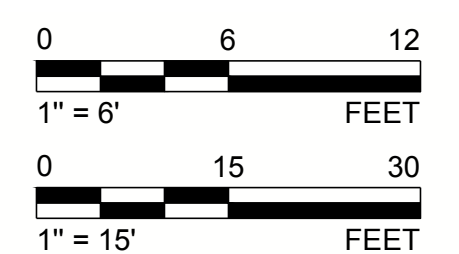
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SCALE 1"=15' **1** NORTHWEST SLOPE PLAN
4/5



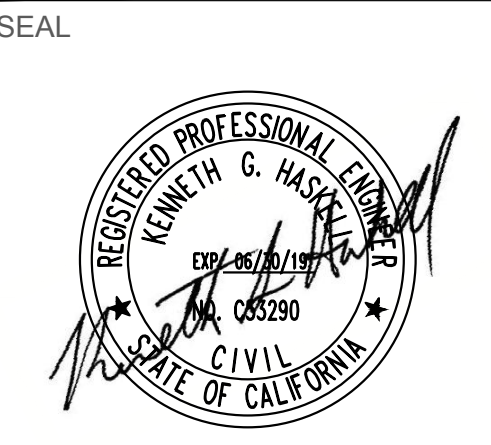
SCALE 1"=6' **2** INTERIM LEACHATE EXTRACTION PLAN
4/5



LEGEND	
	PERMITTED LANDFILL FOOTPRINT
	APPROXIMATE EXISTING MODULE LIMIT
	MODULE 6 LIMIT
	6 in DIA. LEACHATE EXTRACTION PIPE
	1000 SUBGRADE SURVEY CONTROL POINT (NOTE 3)
	2000 LINER SURVEY CONTROL POINT (NOTE 3)
	2H:1V SLOPE INDICATOR
	2% GRADE INDICATOR

- NOTE(S)**
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 - CONTRACTOR TO EXPOSE UNDERDRAIN PIPES (4) AT EDGE OF MODULE 4 AND EXTEND ALONG THE SIDE SLOPE TO DRAIN AT A 1% GRADE.
 - SEE SHEET 14 FOR SUBGRADE AND LINER SURVEY CONTROL POINT TABLES.
 - THE ENTIRE 40-MIL SACRIFICIAL GEOMEMBRANE SHALL BE BALLASTED BY SAND BAG LINES PER THE TECHNICAL SPECIFICATIONS.
 - WELD GEOMEMBRANES ALONG ENTIRE EXPOSED MODULE 4 GEOMEMBRANE.

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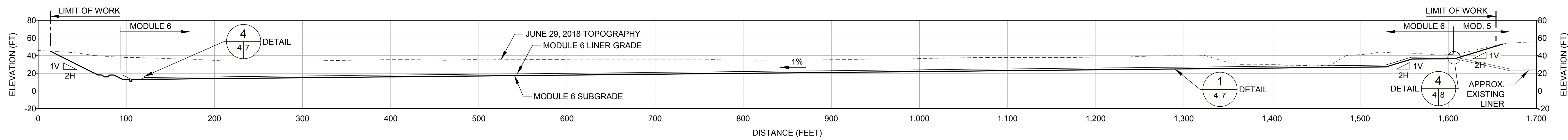
PROJECT
MONTEREY PENINSULA LANDFILL
MODULE 6 LINER DESIGN
 MONTEREY COUNTY, CALIFORNIA

TITLE
NORTHWEST SLOPE AND INTERIM LEACHATE EXTRACTION PLANS

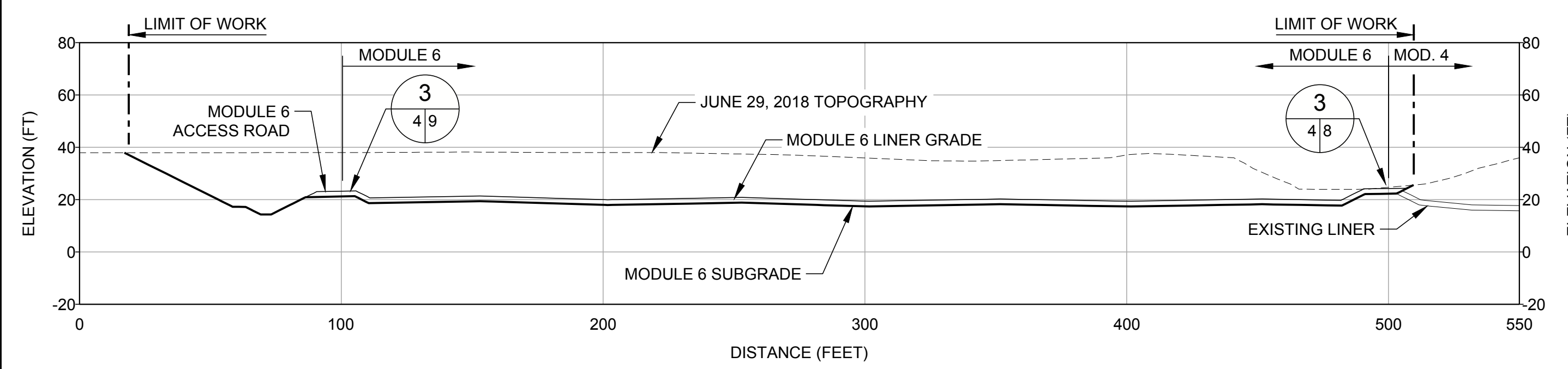
PROJECT NO. 1779479
 REV. 1
 5 of 14
 DRAWING 5

1 in. IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM A3/D

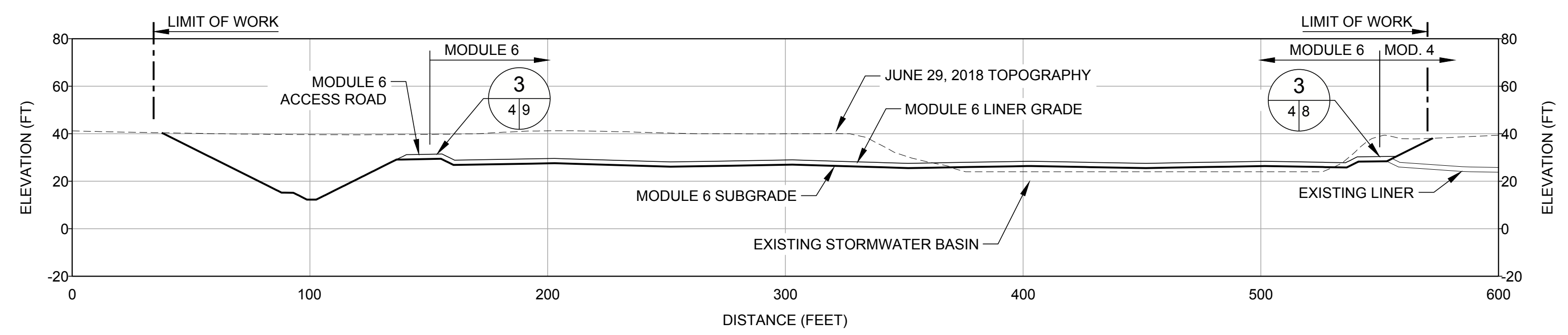
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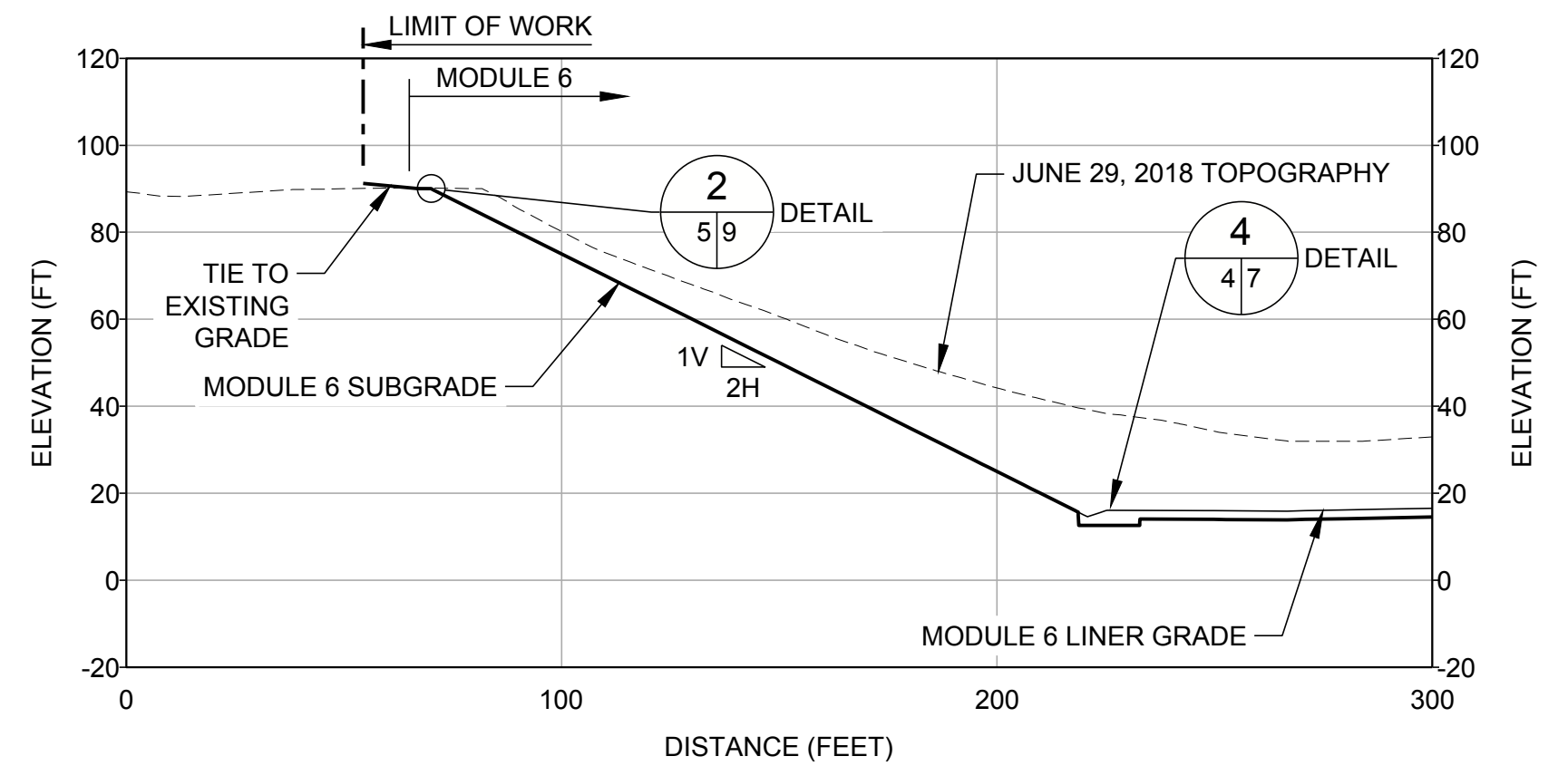
SCALE 1"=60'
VERT. SCALE 1x
A CROSS-SECTION A-A'
3/6



SCALE 1"=40'
VERT. SCALE 1x
B CROSS-SECTION B-B'
3/6



SCALE 1"=40'
VERT. SCALE 1x
C CROSS-SECTION C-C'
3/6



SCALE 1"=40'
VERT. SCALE 1x
D CROSS-SECTION D-D'
3/6

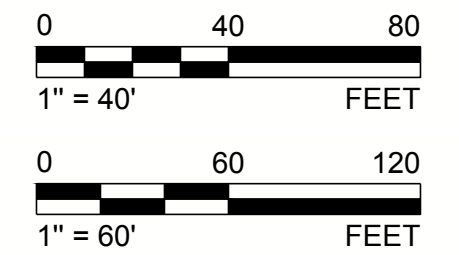
LEGEND

← 2% GRADE INDICATOR

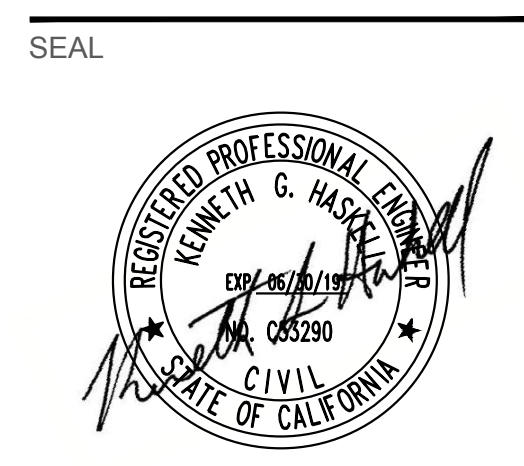
2H / 1V SLOPE INDICATOR

NOTE(S)

1. TOPOGRAPHIC PROFILE GENERATED FROM TOPOGRAPHIC INFORMATION PROVIDED BY AERIAL PHOTOMAPPING SERVICES. DATE OF TOPOGRAPHY: JUNE 29, 2018.
2. CONTRACTOR TO EXPOSE THE EXISTING GEOMEMBRANE LINER FOR MODULES 4 AND 5 AND SURVEY THE EDGE OF LINER AT A MAXIMUM OF 100 FT SPACING AND AT ALL ANGLE POINTS. CONTRACTOR SHALL ADJUST TIE-IN GRADES TO MATCH THE EXISTING MODULES 4 AND 5 EDGE OF LINER.



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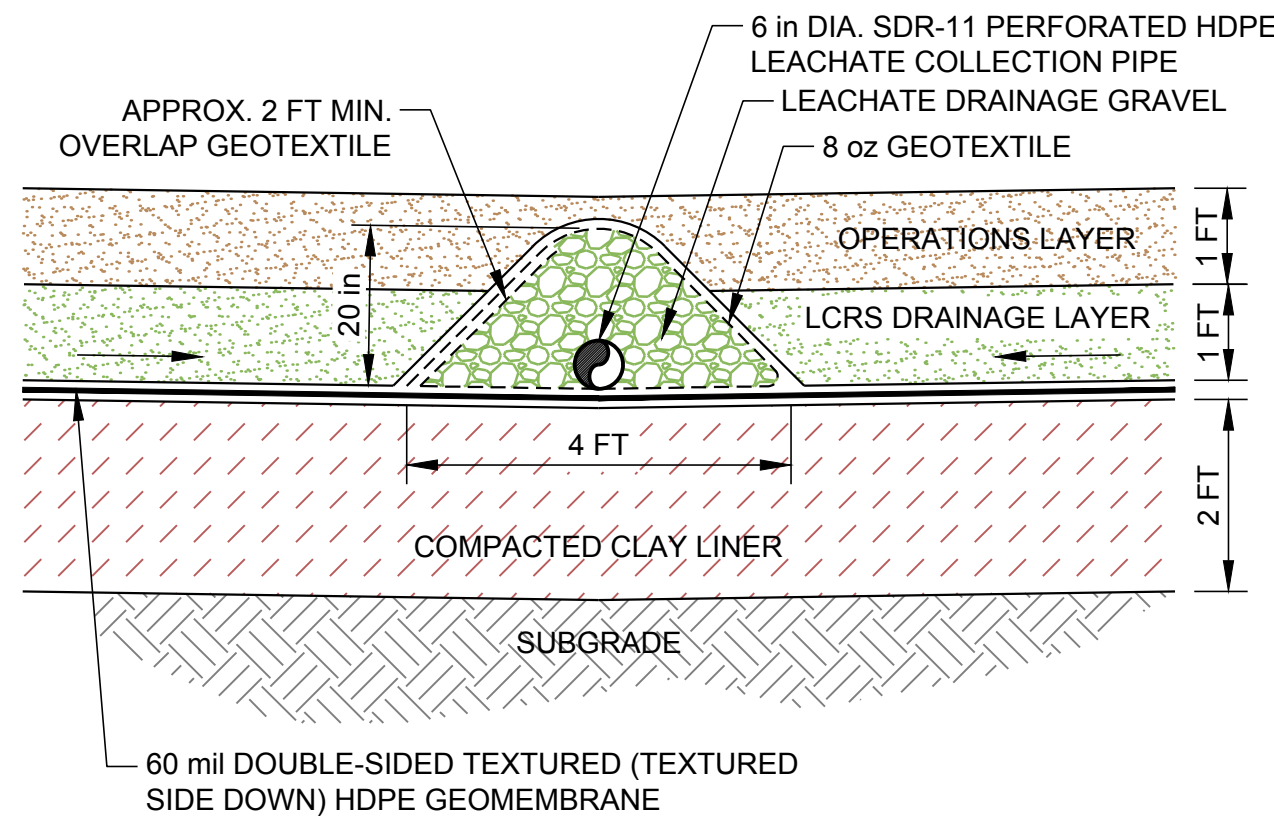


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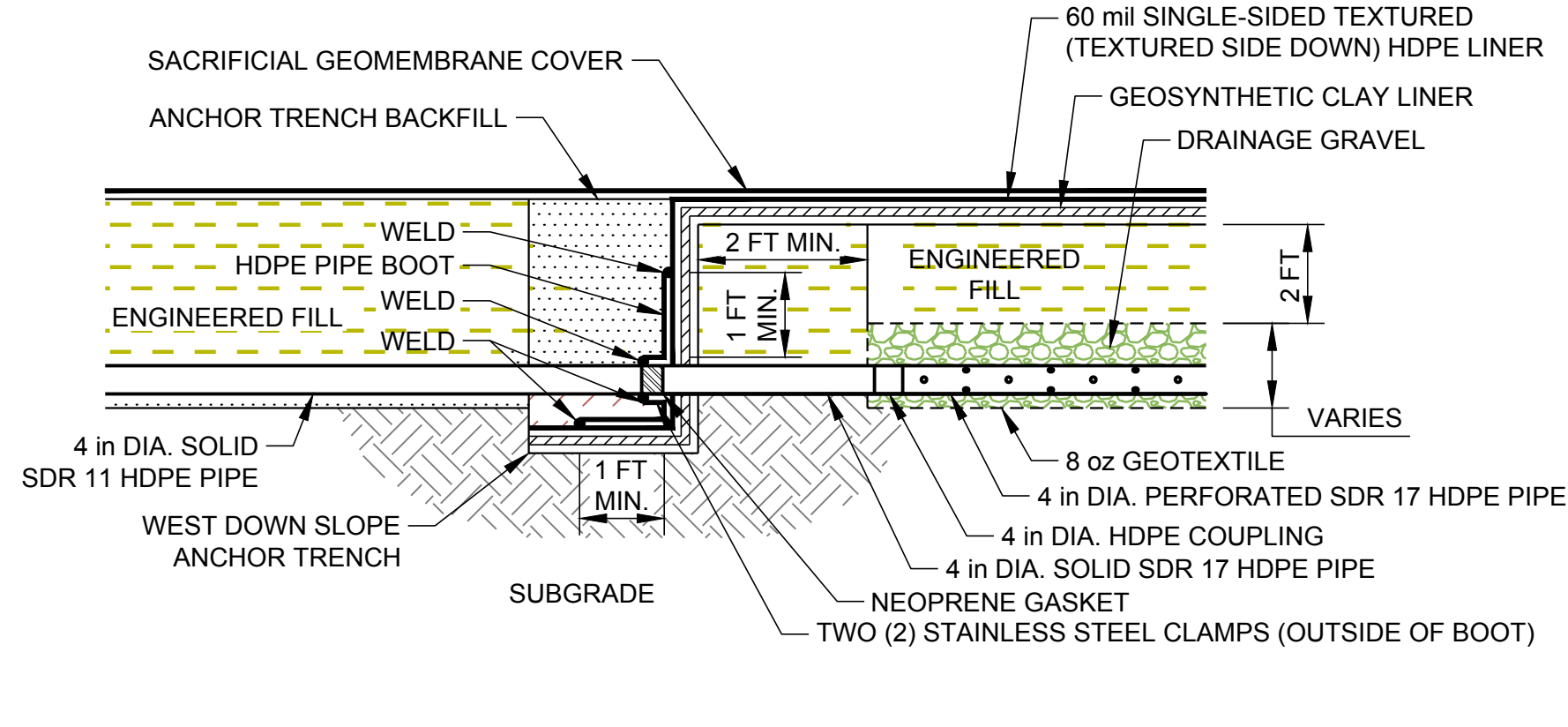
PROJECT
MONTEREY PENINSULA LANDFILL
 MODULE 6 LINER DESIGN
 MONTEREY COUNTY, CALIFORNIA

TITLE
CROSS-SECTIONS

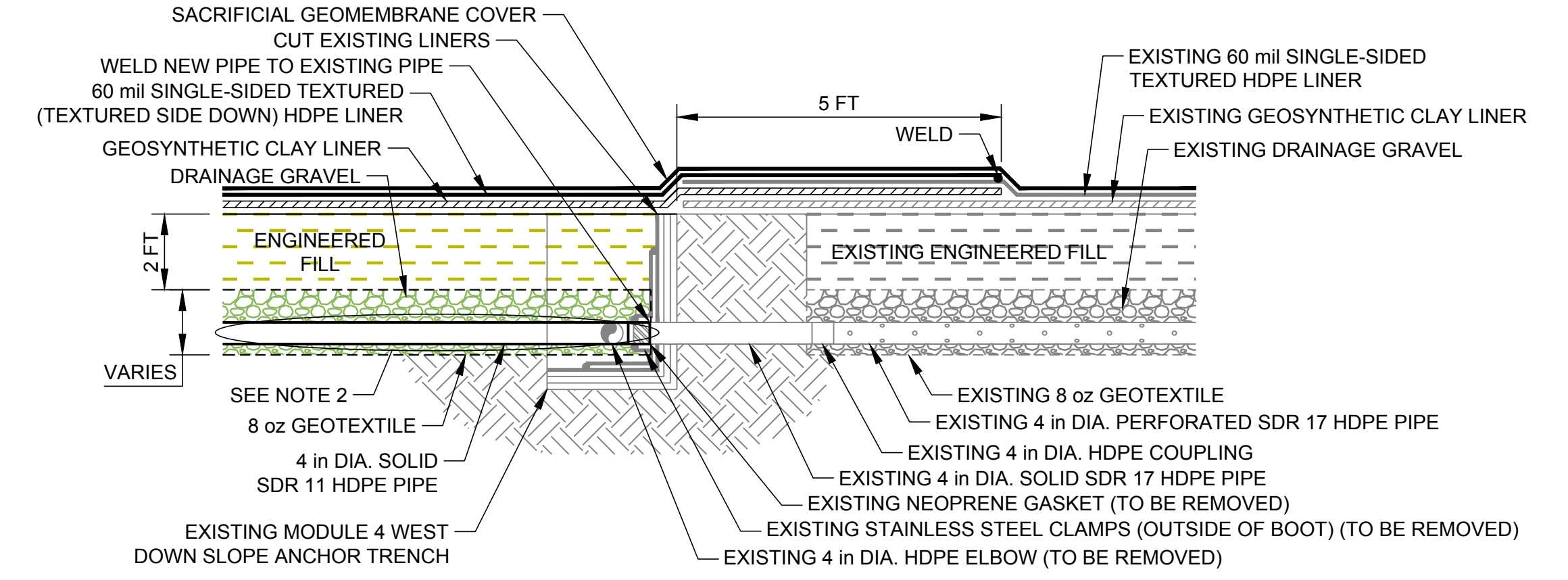
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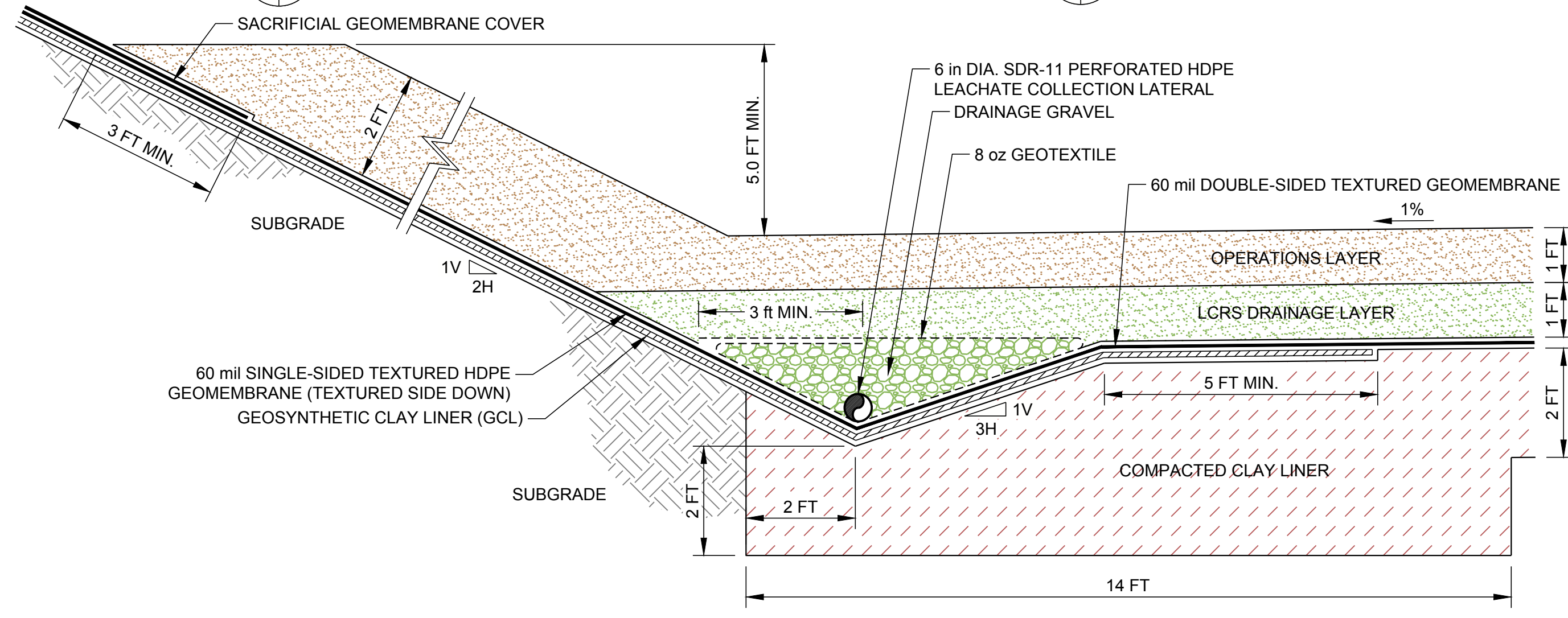
SCALE 1"=2'
1 LCRS SECTION
4/7



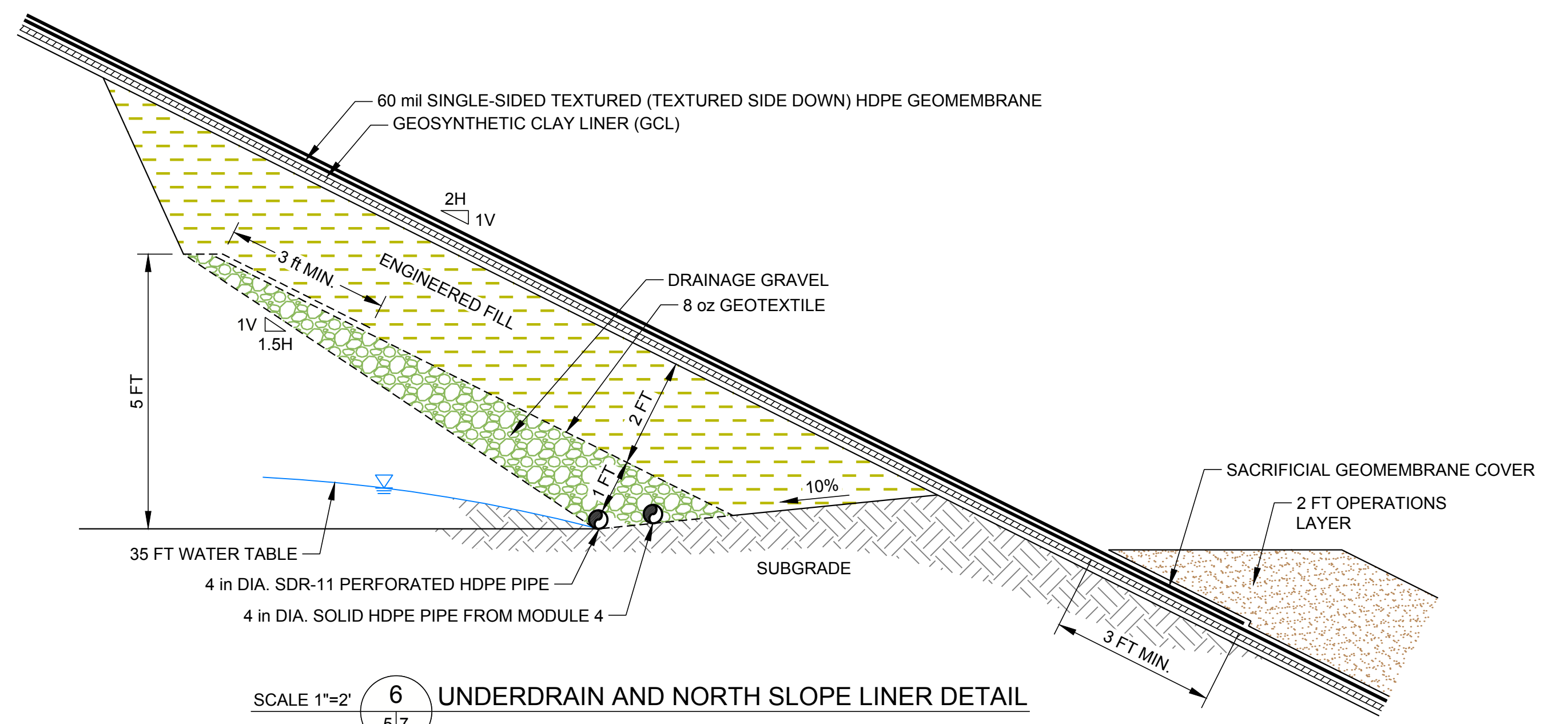
SCALE 1"=2'
2 UNDERDRAIN PIPE BOOT DETAIL
5/7



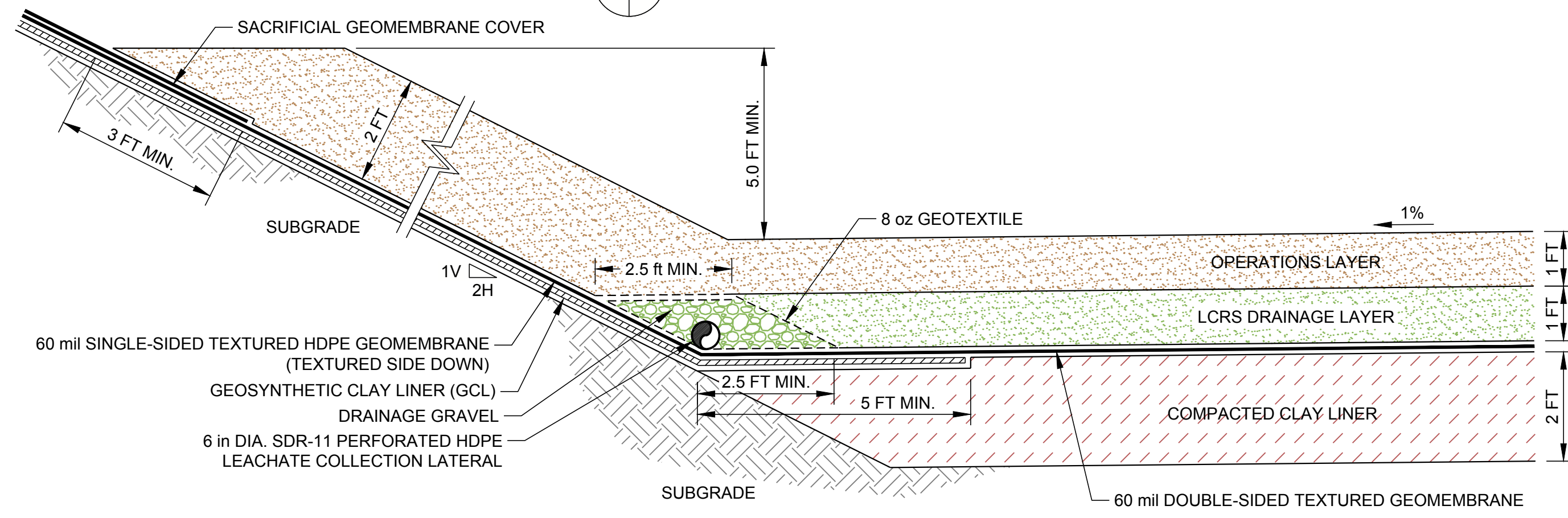
SCALE 1"=2'
3 TIE-IN UNDERDRAIN PIPE BOOT DETAIL
5/7



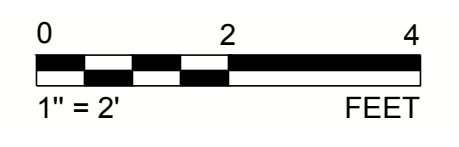
SCALE 1"=2'
4 NORTHWEST SLOPE LEACHATE COLLECTION TRENCH
4/7



SCALE 1"=2'
6 UNDERDRAIN AND NORTH SLOPE LINER DETAIL
5/7



SCALE 1"=2'
5 WEST SLOPE TOE
4/7



- NOTE(S)**
1. GEOSYNTHETICS EXAGGERATED FOR CLARITY.
 2. DETAIL 3 ON THIS SHEET DOES NOT SHOW NEW MODULE 6 PERFORATED UNDERDRAIN PIPE.
 3. DETAIL 2 ON THIS SHEET DOES NOT SHOW SOLID MODULE 4 UNDERDRAIN PIPE. A SEPARATE PIPE BOOT WILL BE INCLUDED FOR THIS PIPE.

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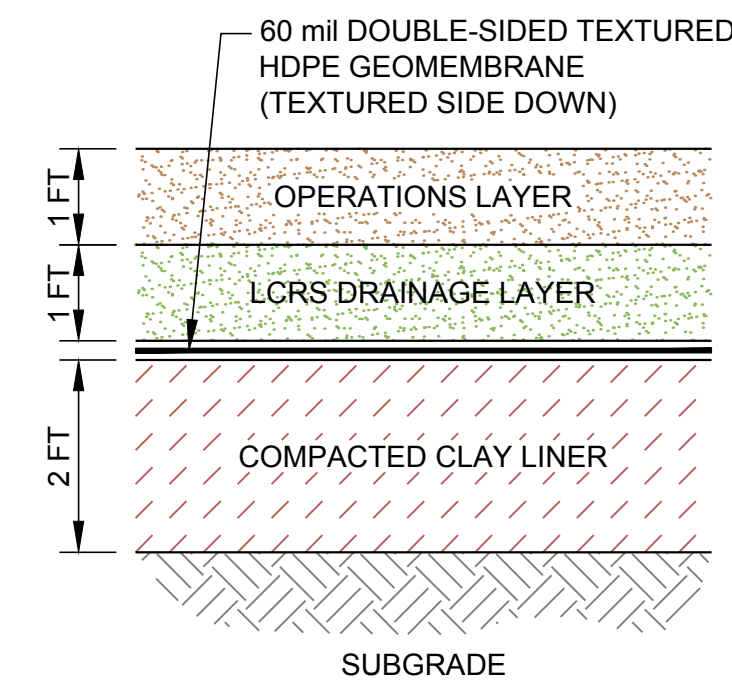
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**MONTEREY PENINSULA LANDFILL
 MODULE 6 LINER DESIGN
 MONTEREY COUNTY, CALIFORNIA**

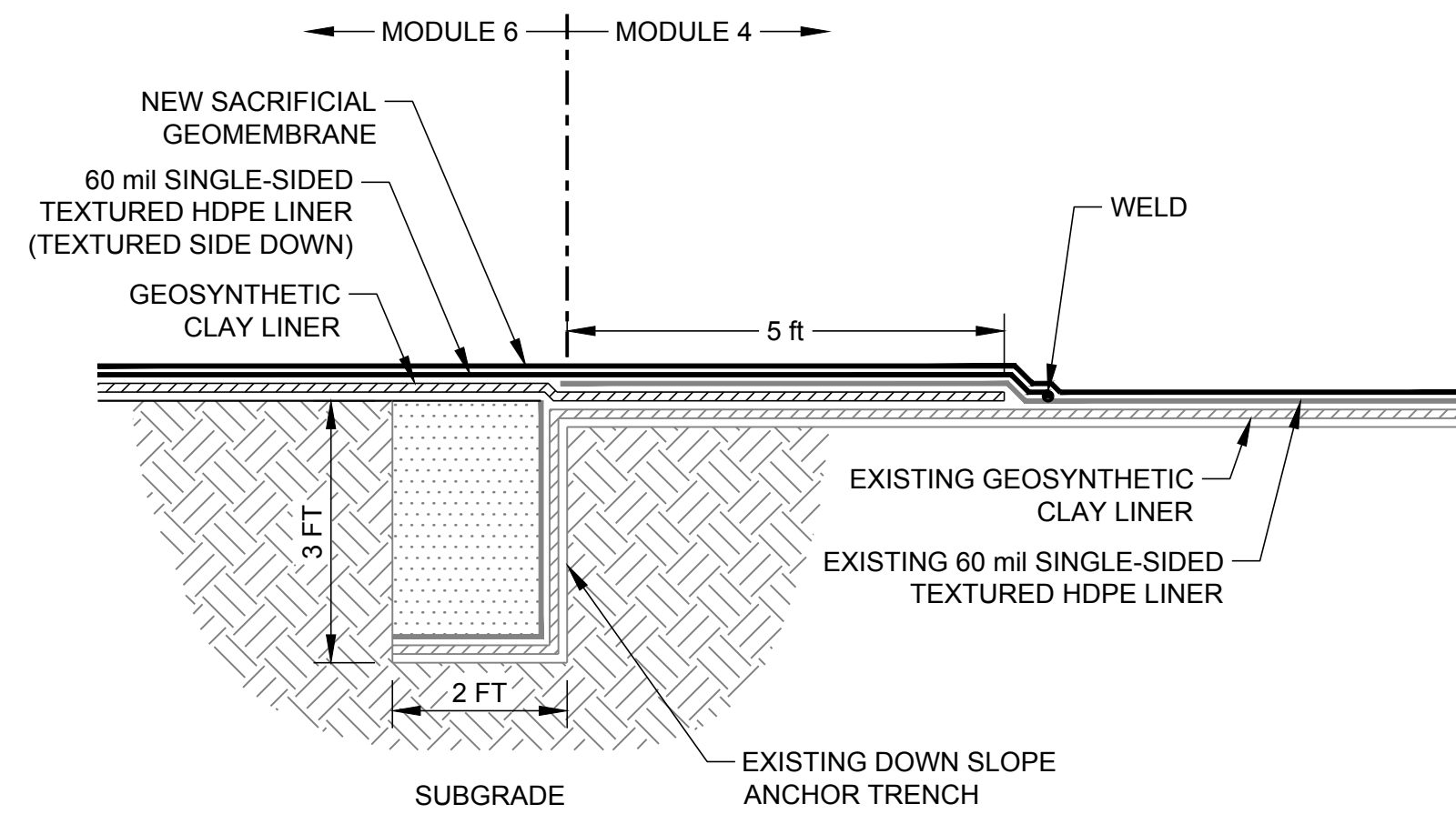
TITLE
UNDERDRAIN AND LINER DETAILS

PROJECT NO. 1779479
 REV. 1
 7 of 14
 DRAWING 7

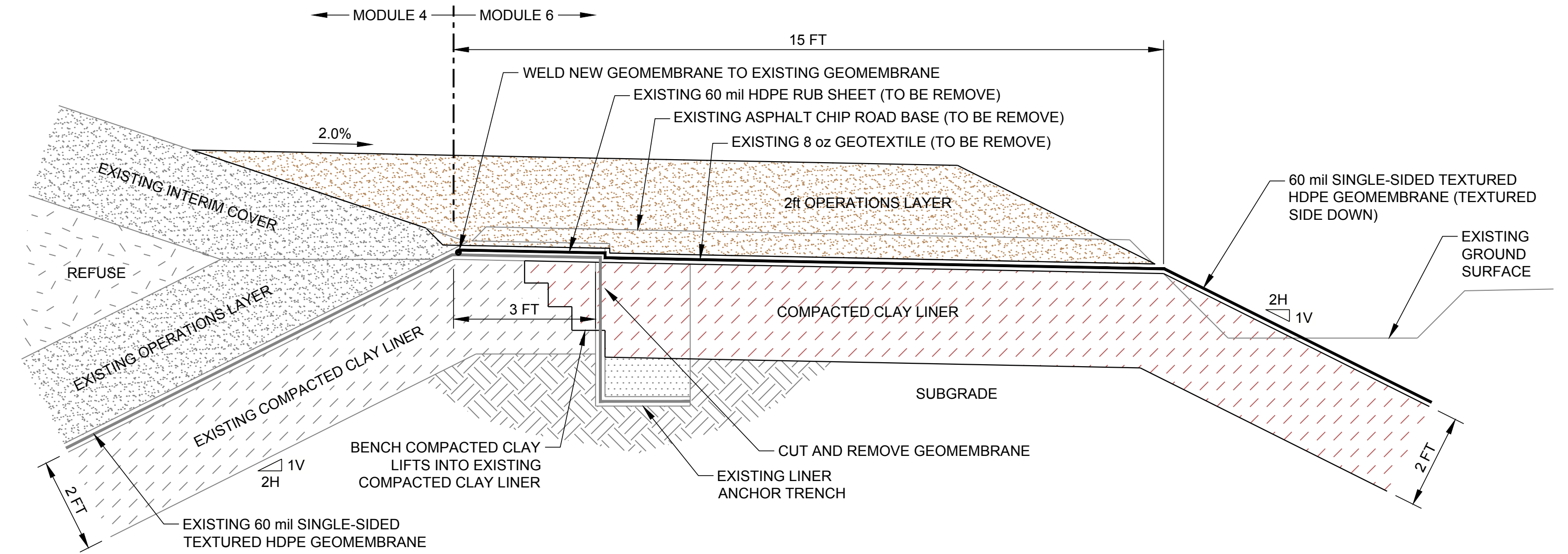
REV.	YYYY-MM-DD	DESCRIPTION	DESIGNED	PREPARED	REVIEWED	APPROVED
1	2019-01-06	ISSUED FOR BIDDING	JDR	JDR	RH	KGH
0	2018-12-18	ISSUED FOR BIDDING	JDR	JDR	RH	KGH



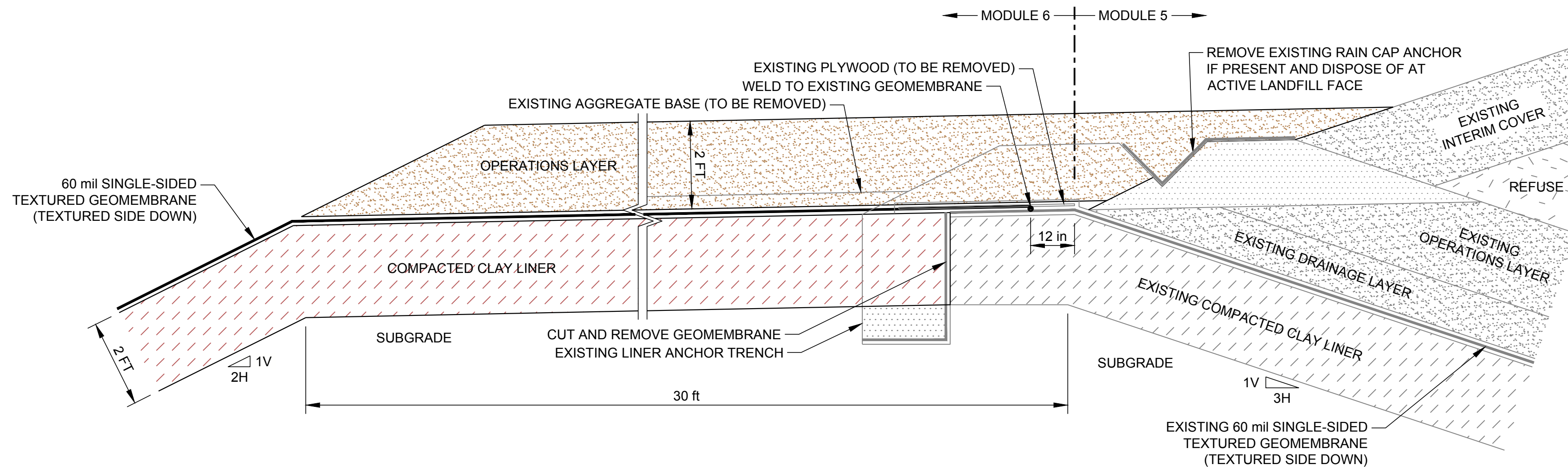
SCALE 1"=2' **1** BOTTOM LINER
4/8



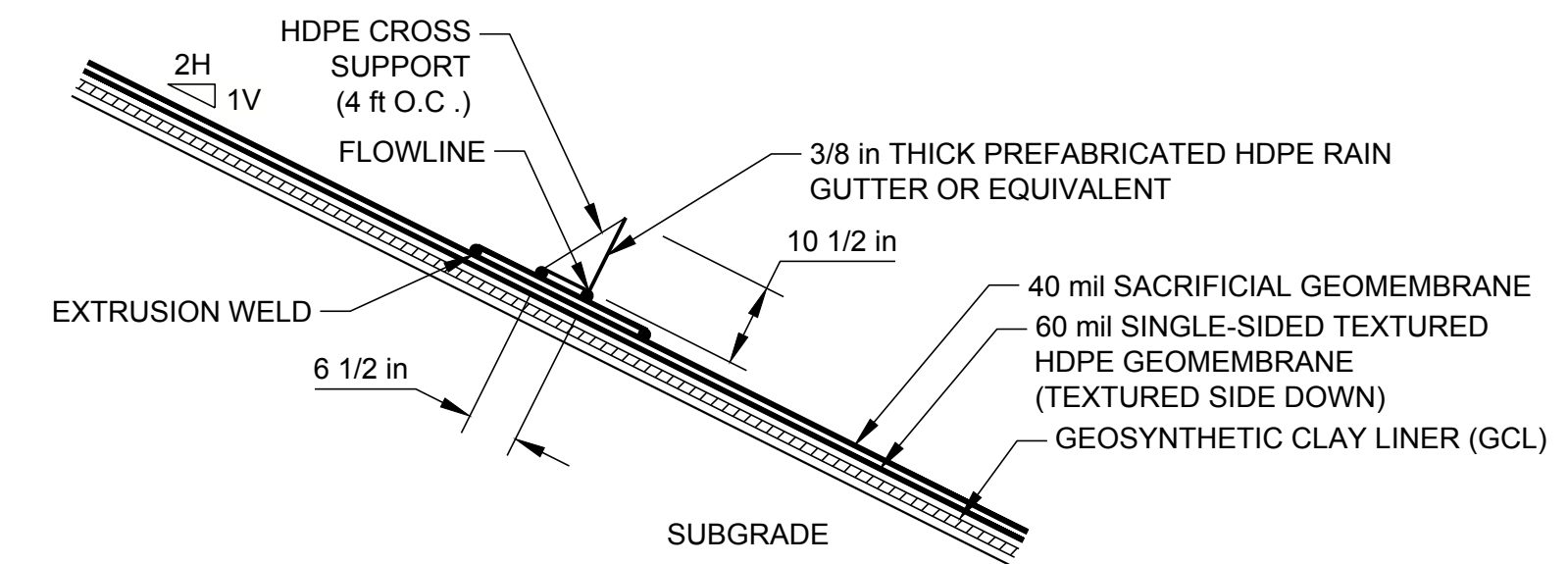
SCALE 1"=2' **2** TIE-IN SIDE SLOPE LINER SECTION
5/8



SCALE 1"=2' **3** TIE-IN EXISTING MODULE 4 LINER TERMINATION
4/8



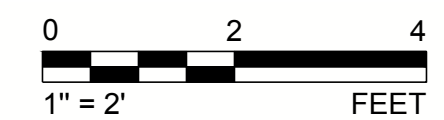
SCALE 1"=2' **4** TIE-IN EXISTING MODULE 5 LINER TERMINATION
4/8



SCALE 1"=2' **5** RAIN GUTTER DETAIL
5/8

NOTE(S)

1. GEOSYNTHETICS EXAGGERATED FOR CLARITY.
2. EXPOSED SACRIFICIAL GEOMEMBRANE ON THE MODULE 4 SIDESLOPE WILL BE REMOVED IN THE FUTURE BY OTHERS.



REV.	YYYY-MM-DD	DESCRIPTION	DESIGNED	PREPARED	REVIEWED	APPROVED
1	2019-01-06	ISSUED FOR BIDDING	JDR	JDR	RH	KGH
0	2018-12-18	ISSUED FOR BIDDING	JDR	JDR	RH	KGH

SEAL



CLIENT
MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT
 14201 DEL MONTE BOULEVARD
 MONTEREY COUNTY, CA 93933-1670 PH: (831) 384-5313

CONSULTANT



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 1000 ENTERPRISE WAY, SUITE 190
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 (916) 786-2424
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PROJECT
MONTEREY PENINSULA LANDFILL
 MODULE 6 LINER DESIGN
 MONTEREY COUNTY, CALIFORNIA

TITLE
LINER DETAILS

PROJECT NO.
1779479

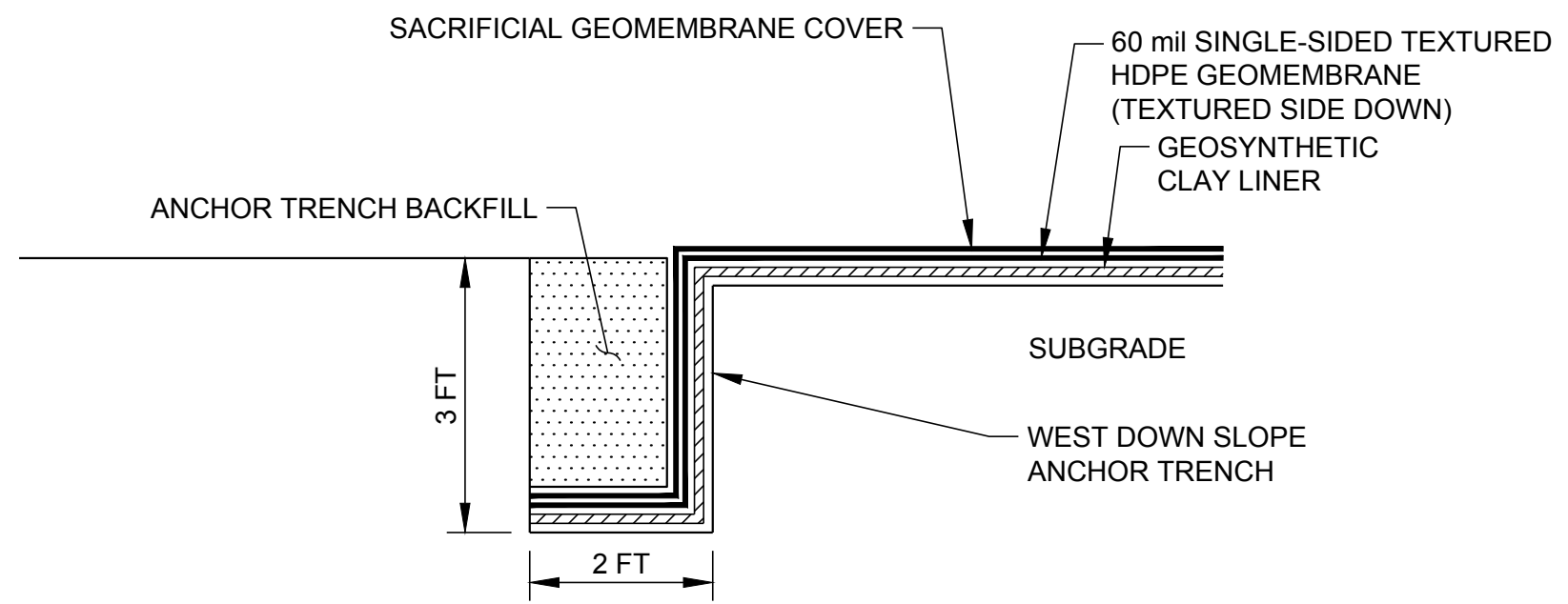
REV. **1** 8 of 14 DRAWING

8

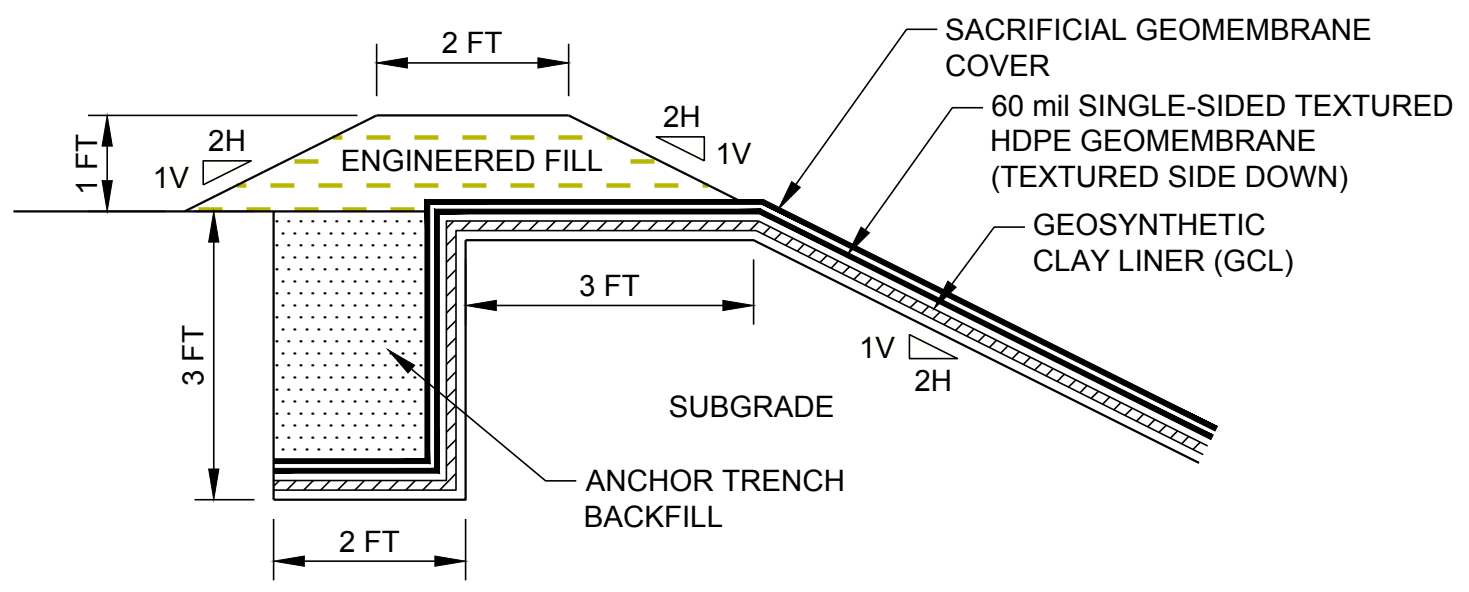
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1 in If this measurement does not match what is shown, the sheet size has been modified from ANSI D

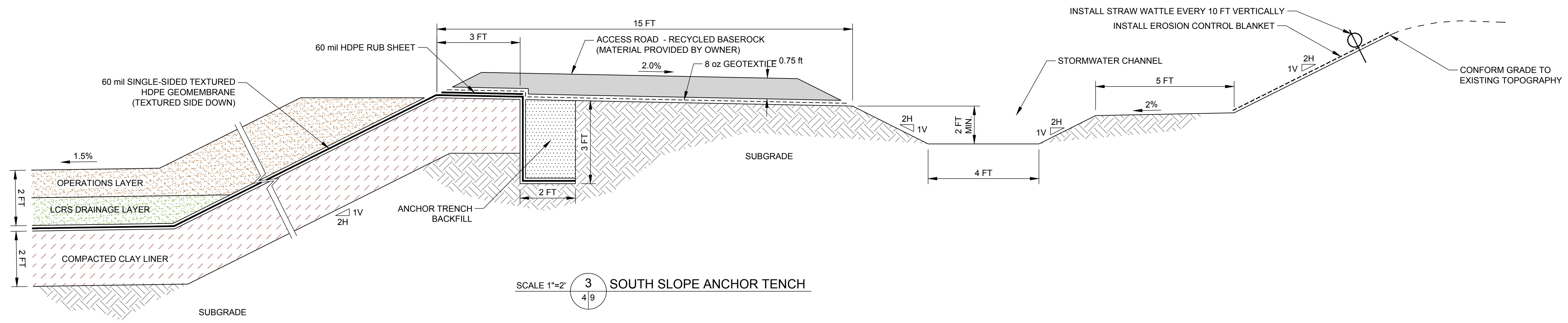
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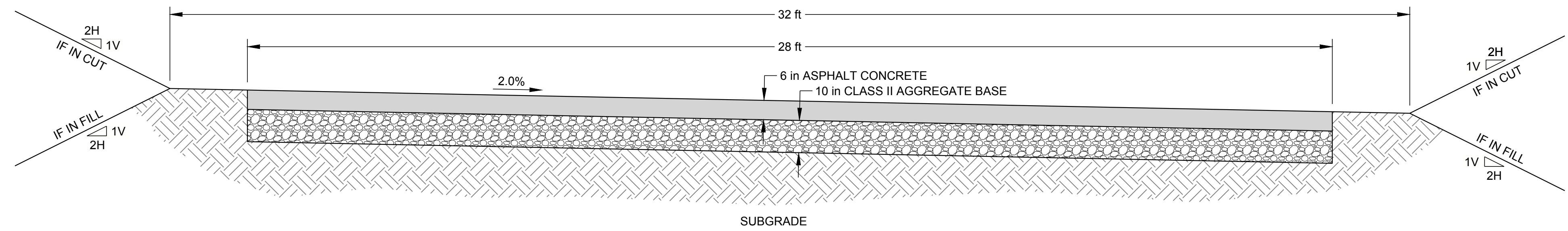
SCALE 1"=2' **1** SIDE SLOPE LINER TERMINATION SECTION
5/9



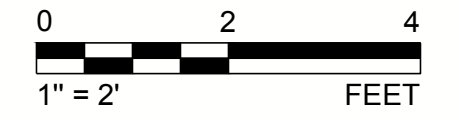
SCALE 1"=2' **2** WEST SLOPE LINER ANCHOR
5/9



SCALE 1"=2' **3** SOUTH SLOPE ANCHOR TENCH
4/9

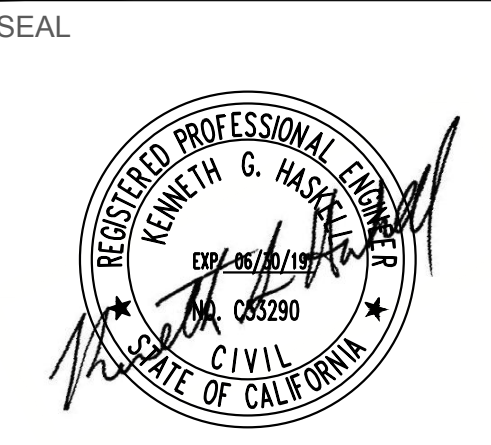


SCALE 1"=2' **4** CALPINE REALIGN ROAD SECTION
13/9



NOTE(S)
1. GEOSYNTHETICS EXAGGERATED FOR CLARITY.

REV.	YYYY-MM-DD	DESCRIPTION	DESIGNED	PREPARED	REVIEWED	APPROVED
1	2019-01-06	ISSUED FOR BIDDING	JDR	JDR	RH	KGH
0	2018-12-18	ISSUED FOR BIDDING	JDR	JDR	RH	KGH



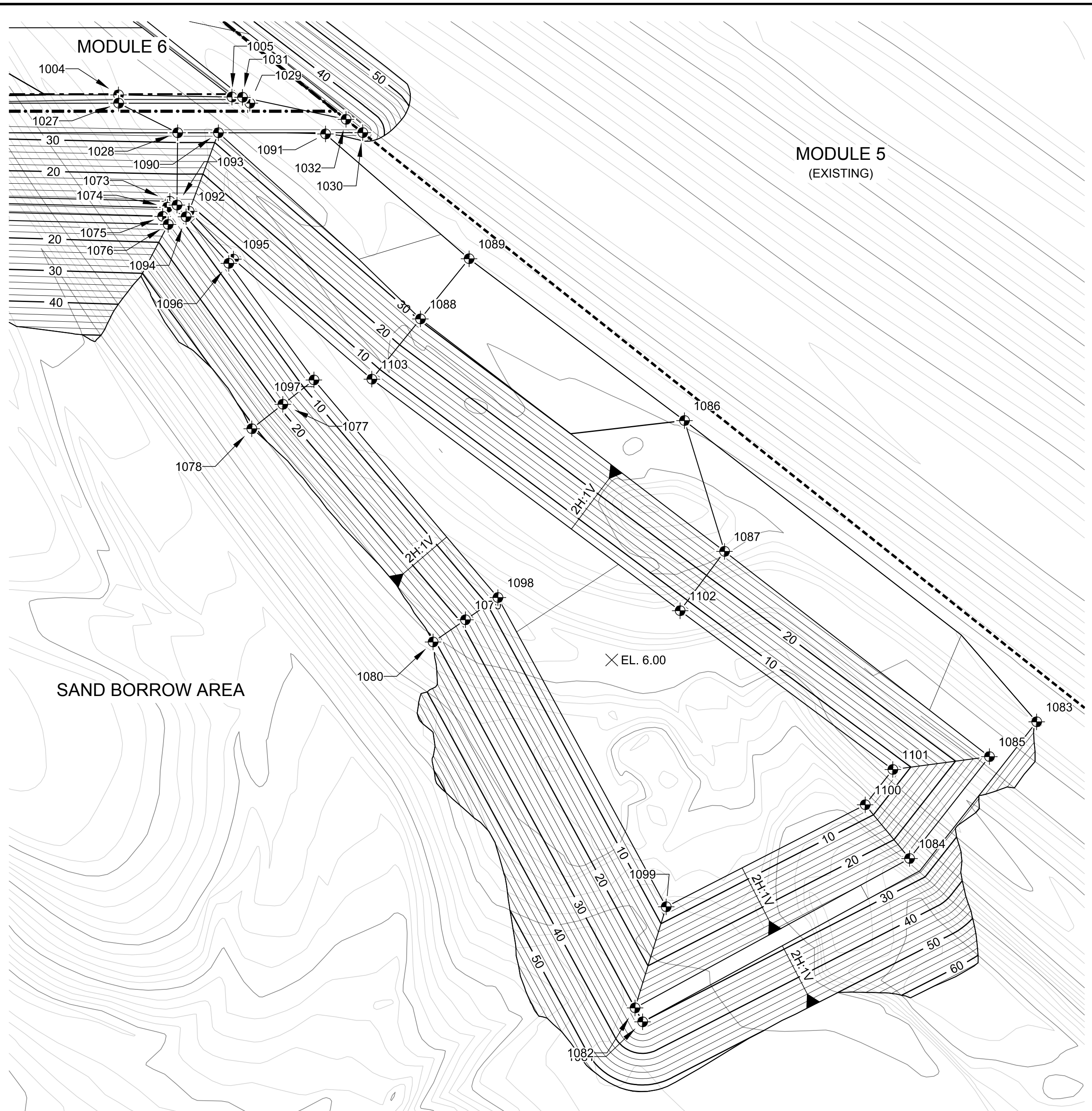
CLIENT
MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT
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 MONTEREY COUNTY, CA 93933-1670 PH: (831) 384-5313
 CONSULTANT



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PROJECT
MONTEREY PENINSULA LANDFILL
 MODULE 6 LINER DESIGN
 MONTEREY COUNTY, CALIFORNIA
 TITLE
LINER TERMINATION DETAILS

1 in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANS/D

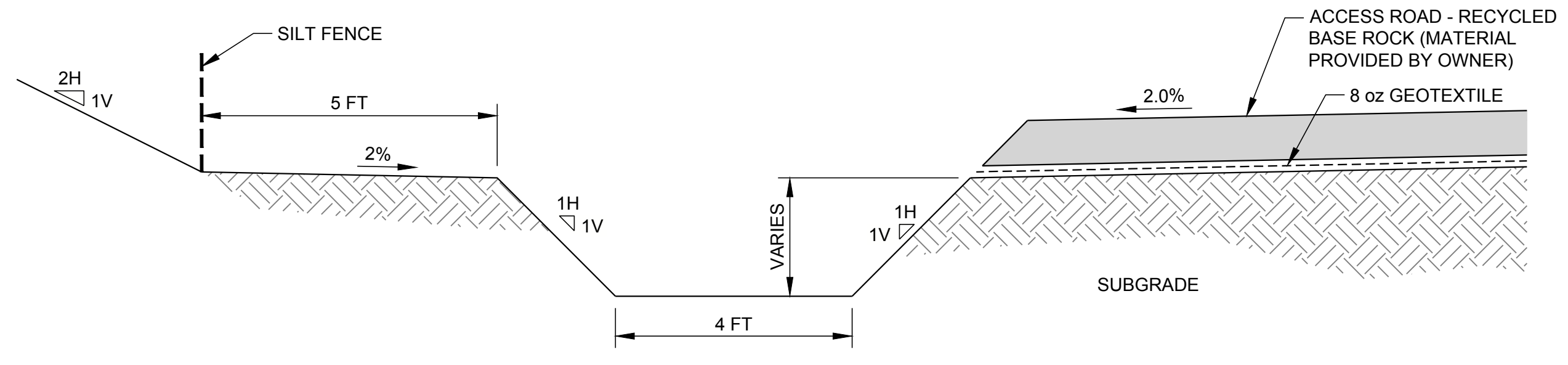


SCALE 1"=50' **1** STORMWATER BASIN PLAN
3/10

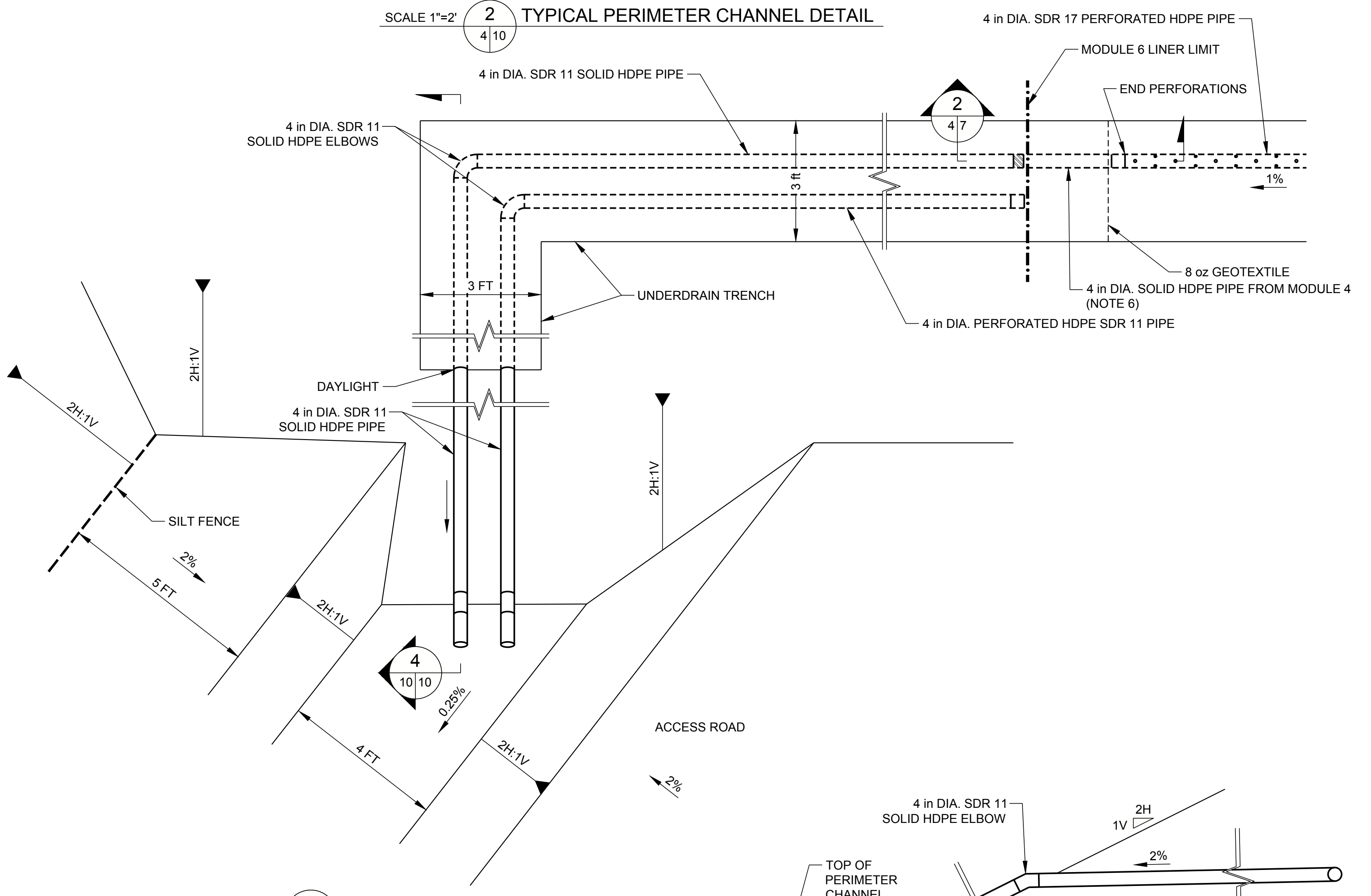
- NOTE(S)**
1. TOPOGRAPHY PROVIDED BY AERIAL PHOTOMAPPING SERVICES. DATE OF TOPOGRAPHY: JUNE 29, 2018. DATUM: NAVD88.
 2. PROTECT EXISTING UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS ASSOCIATED WITH DAMAGES TO ANY UTILITIES INCURRED BY THE CONTRACTOR OR ASSOCIATED SUBCONTRACTORS.
 3. MODULE 6 GRADES SHOWN AT SUBGRADE GRADING.
 4. GEOSYNTHETICS EXAGGERATED FOR CLARITY.
 5. SEE SHEET 14 FOR SUBGRADE SURVEY CONTROL POINT TABLE.
 6. ONLY ONE PIPE SHOWN. UP TO FOUR PIPES MAY NEED TO BE EXTENDED.

- LEGEND**
- APPROXIMATE EXISTING MODULE LIMIT
 - MODULE 6 LIMIT
 - 2H:1V SLOPE INDICATOR
 - 2% GRADE INDICATOR
 - 1000 SUBGRADE SURVEY CONTROL POINT (NOTE 5)

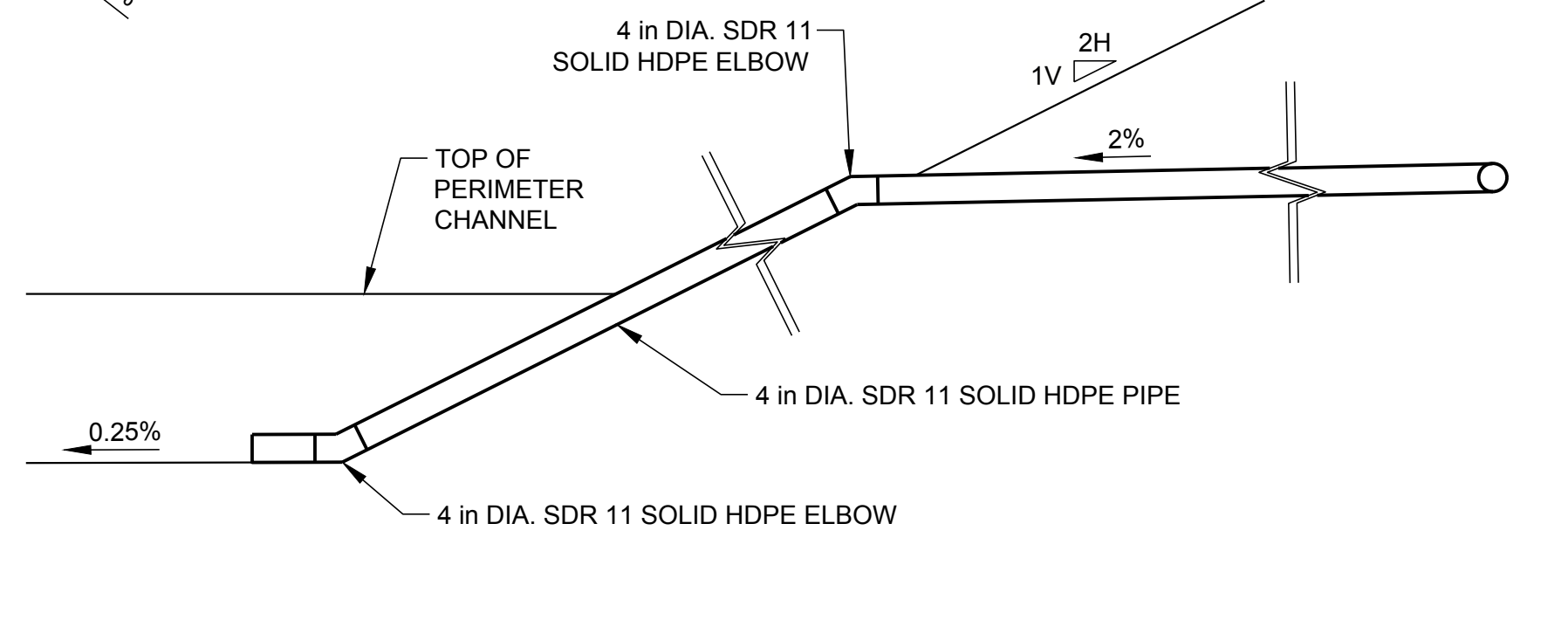
REV.	YYYY-MM-DD	DESCRIPTION	DESIGNED	PREPARED	REVIEWED	APPROVED
1	2019-01-06	ISSUED FOR BIDDING	JDR	JDR	RH	KGH
0	2018-12-18	ISSUED FOR BIDDING	JDR	JDR	RH	KGH



SCALE 1"=2' **2** TYPICAL PERIMETER CHANNEL DETAIL
4/10



SCALE 1"=2' **3** UNDERDRAIN PIPE PLAN
5/10



SCALE 1"=2' **4** UNDERDRAIN PIPE SECTION
10/10

SEAL



CLIENT
MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT
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PROJECT
MONTEREY PENINSULA LANDFILL
 MODULE 6 LINER DESIGN
 MONTEREY COUNTY, CALIFORNIA

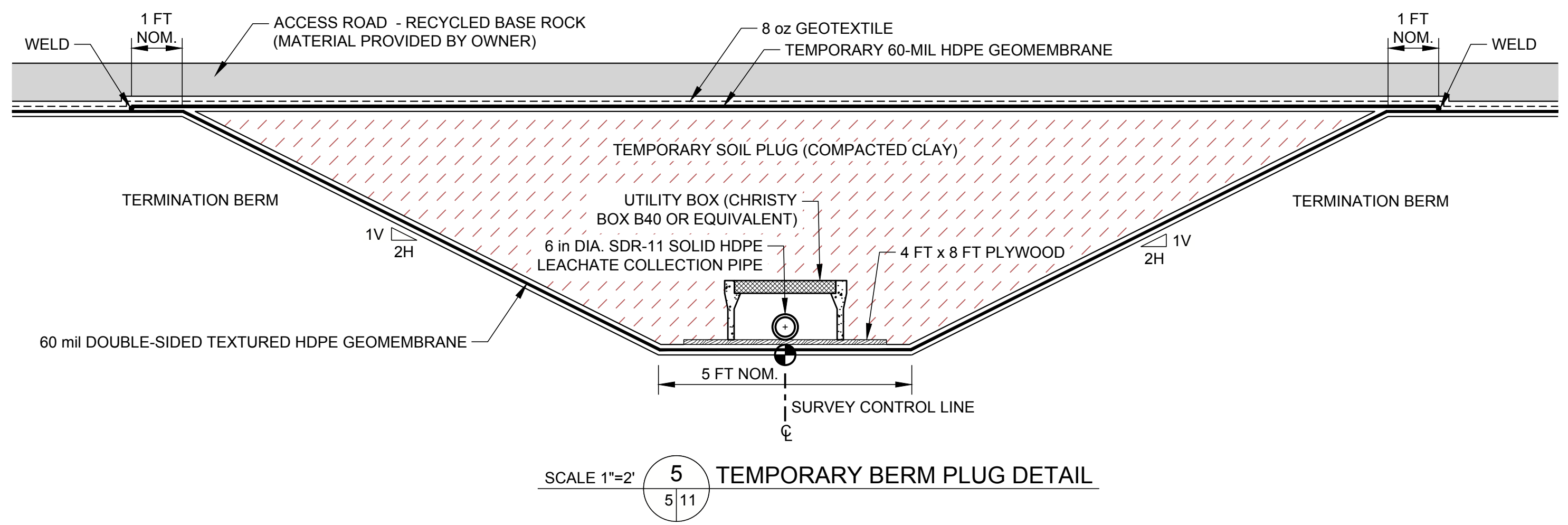
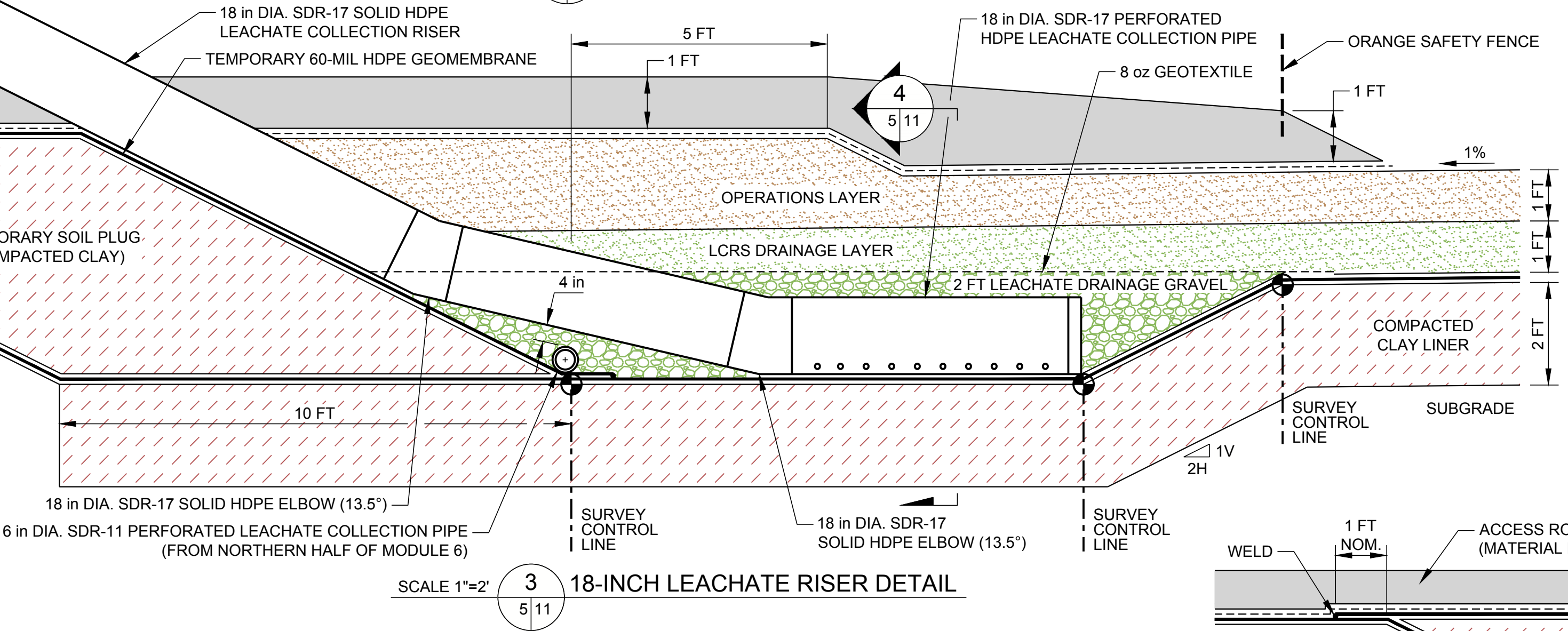
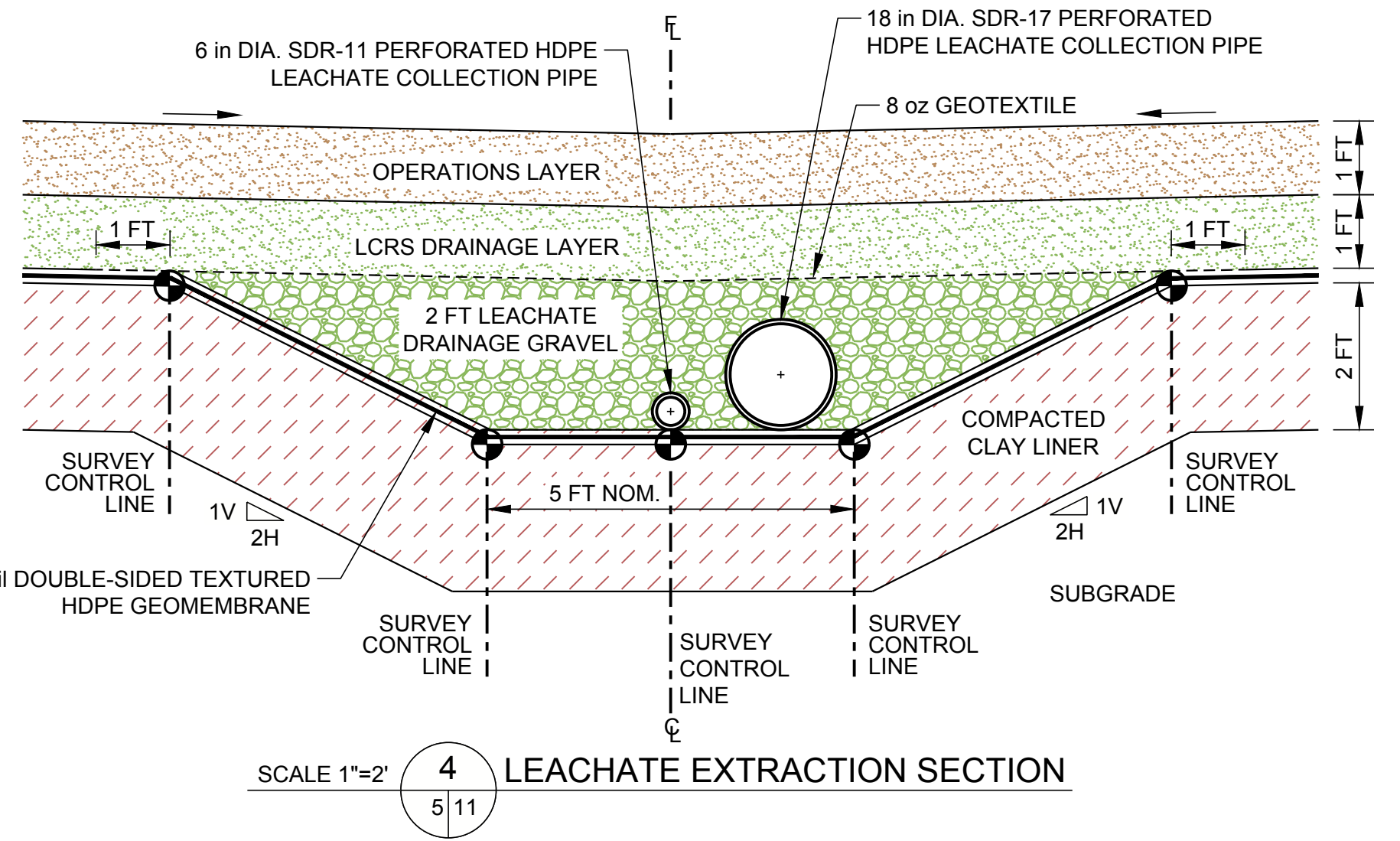
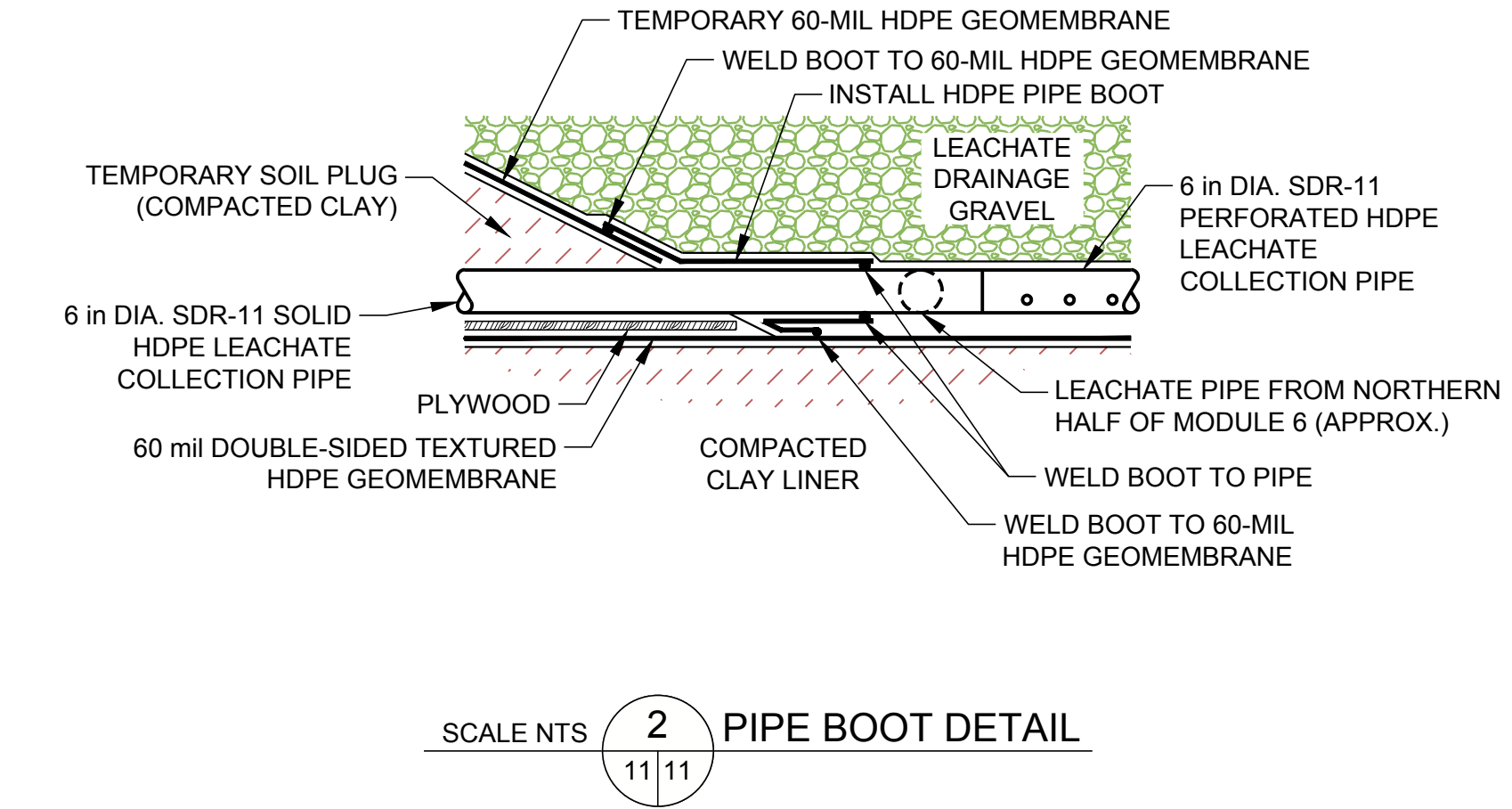
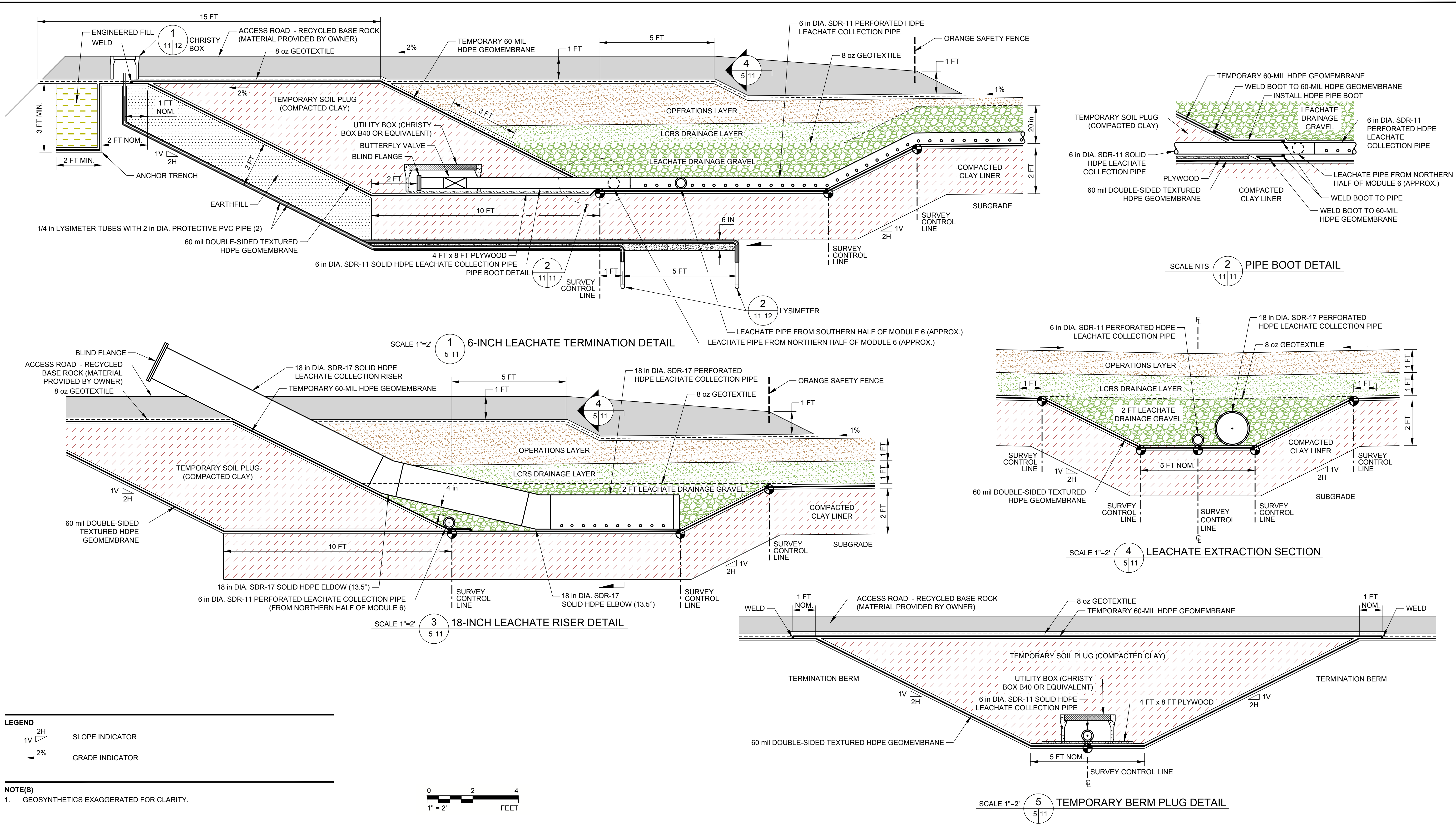
TITLE
SURFACE WATER CONTROL DETAILS

PROJECT NO.
1779479

REV. 10 of 14 DRAWING
1 10

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1 in. IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM A3/ANSI D



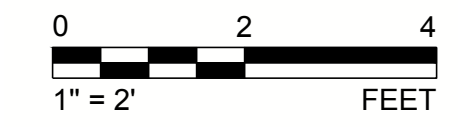
LEGEND

1V 2H SLOPE INDICATOR

2% GRADE INDICATOR

NOTE(S)

1. GEOSYNTHETICS EXAGGERATED FOR CLARITY.



REV.	YYYY-MM-DD	DESCRIPTION	DESIGNED	PREPARED	REVIEWED	APPROVED
1	2019-01-06	ISSUED FOR BIDDING	JDR	JDR	RH	KGH
0	2018-12-18	ISSUED FOR BIDDING	JDR	JDR	RH	KGH



CLIENT
MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT
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 MONTEREY COUNTY, CA 93933-1670 PH: (831) 384-5313



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PROJECT
MONTEREY PENINSULA LANDFILL
 MODULE 6 LINER DESIGN
 MONTEREY COUNTY, CALIFORNIA

TITLE
INTERIM LEACHATE EXTRACTION DETAILS

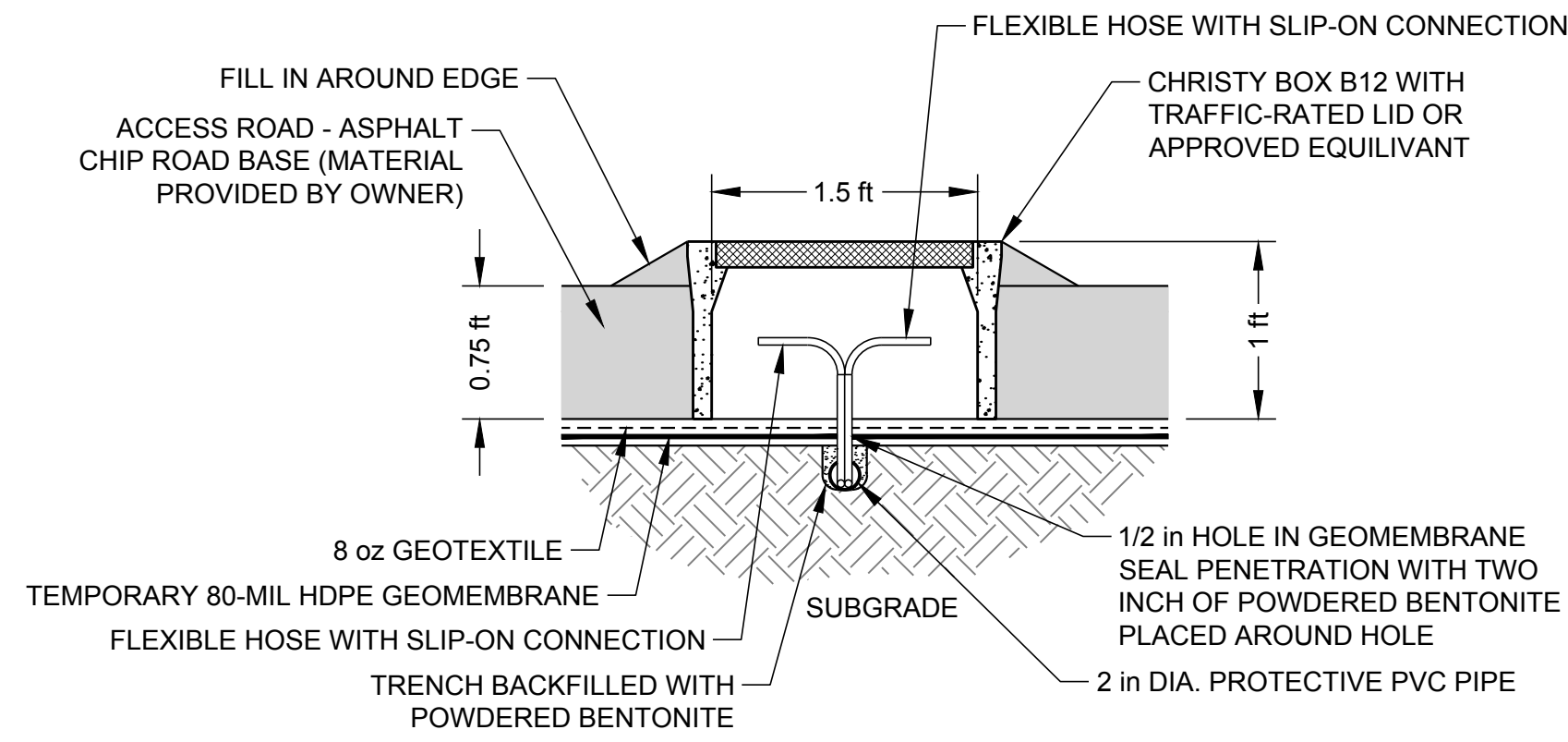
PROJECT NO.
1779479

REV. 11 of 14 DRAWING
1 11

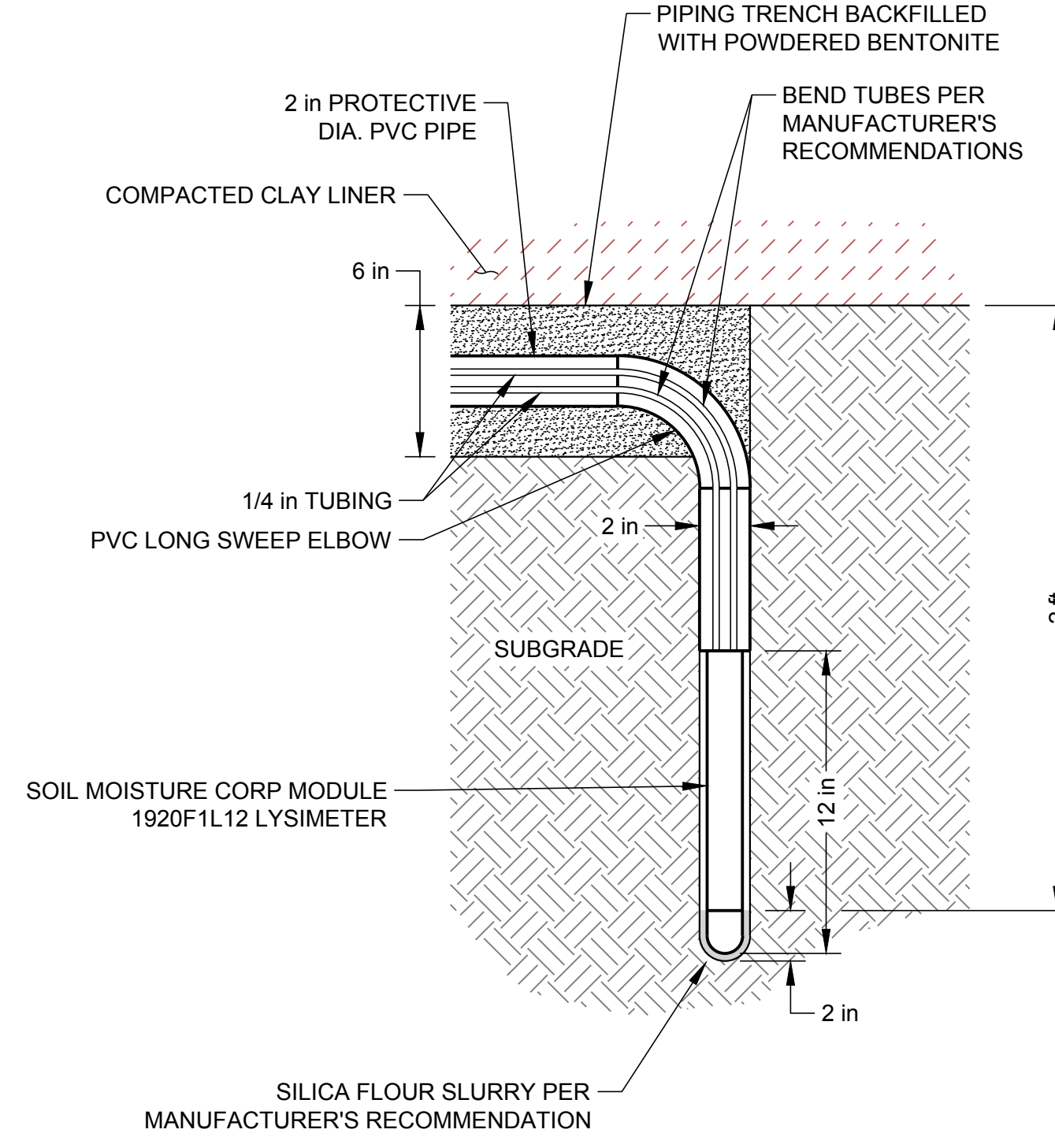
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1 in. IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM A3/D3

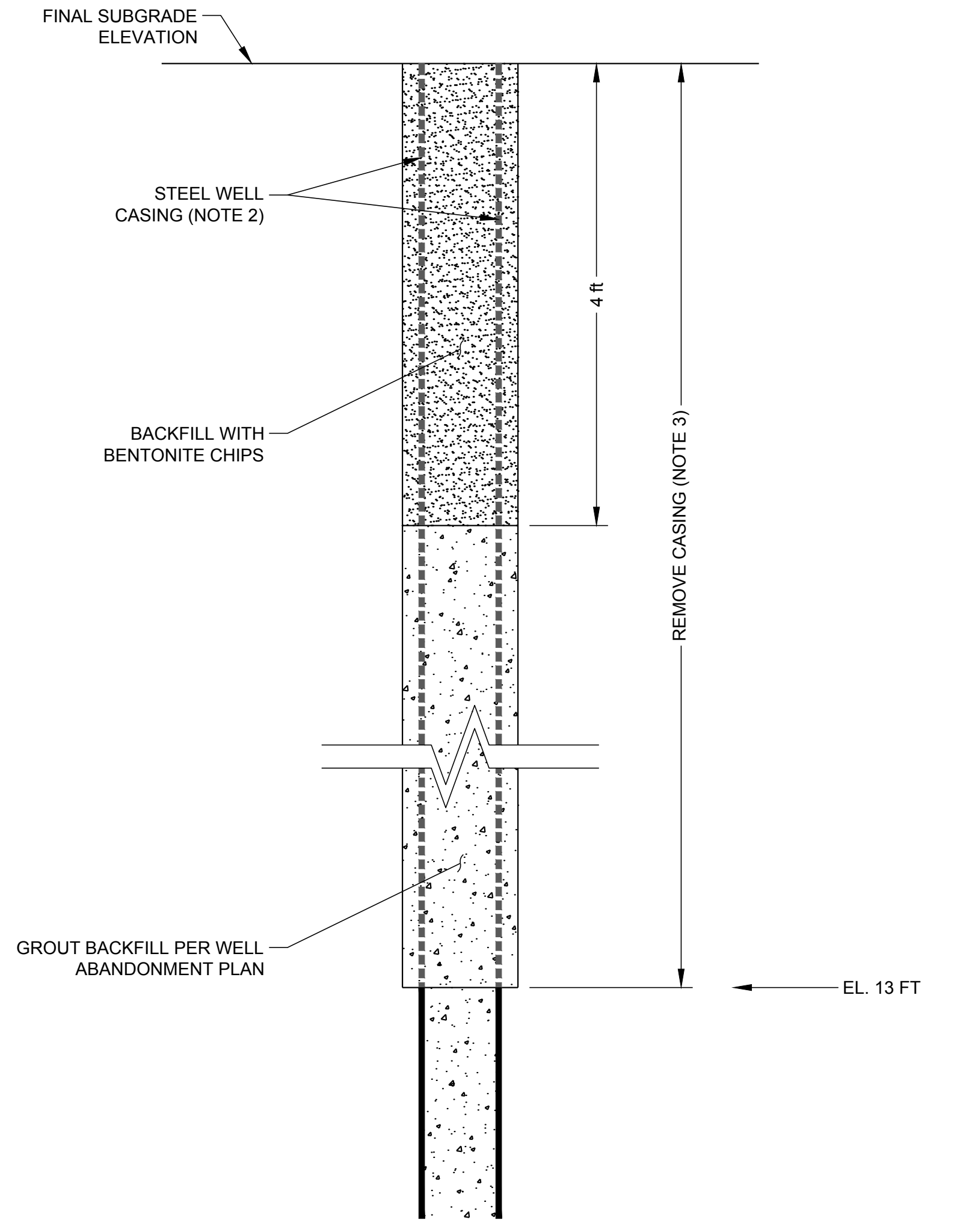
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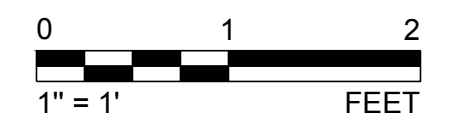
SCALE 1"=2' 1 / 11 12 LYSIMETER CHRISTY BOX DETAIL



SCALE NTS 2 / 11 12 LYSIMETER DETAIL



SCALE NTS 3 / 12 12 WATER WELL ABANDONMENT DETAIL

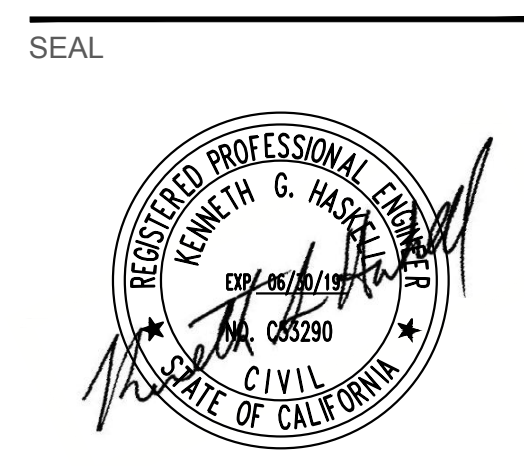


LEGEND

2H 1V	SLOPE INDICATOR
2%	GRADE INDICATOR

- NOTE(S)**
1. GEOSYNTHETICS EXAGGERATED FOR CLARITY.
 2. STEEL WELL CASING ESTIMATED TO BE 8-INCH DIA. CONTRACTOR TO VERIFY DIAMETER.
 3. STEEL CASING SHALL BE OVERDRILLED, CUT, AND REMOVED TO ELEVATION 13 FT MSL.

REV.	YYYY-MM-DD	DESCRIPTION	DESIGNED	PREPARED	REVIEWED	APPROVED
1	2019-01-06	ISSUED FOR BIDDING	JDR	JDR	RH	KGH
0	2018-12-18	ISSUED FOR BIDDING	JDR	JDR	RH	KGH



CLIENT
MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT
 14201 DEL MONTE BOULEVARD
 MONTEREY COUNTY, CA 93933-1670 PH: (831) 384-5313

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 SACRAMENTO OFFICE
 1000 ENTERPRISE WAY, SUITE 190
 ROSEVILLE, CA 95678
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 (916) 786-2424
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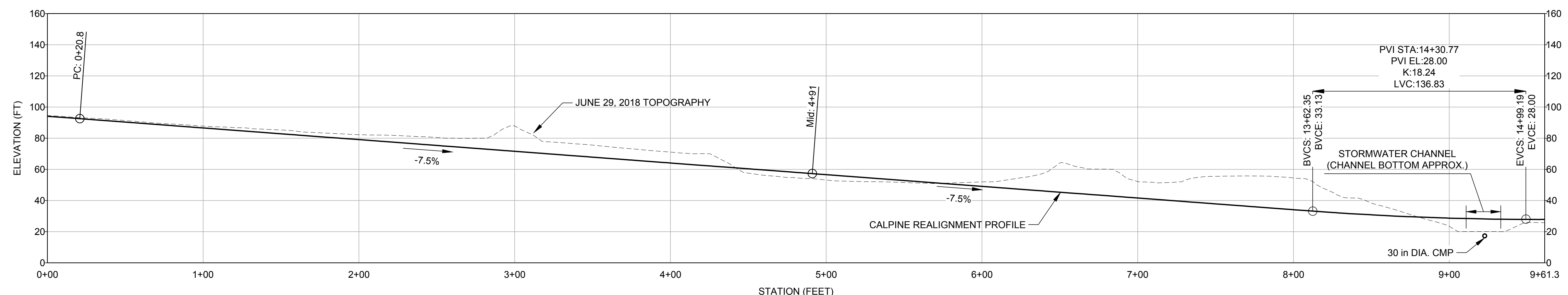
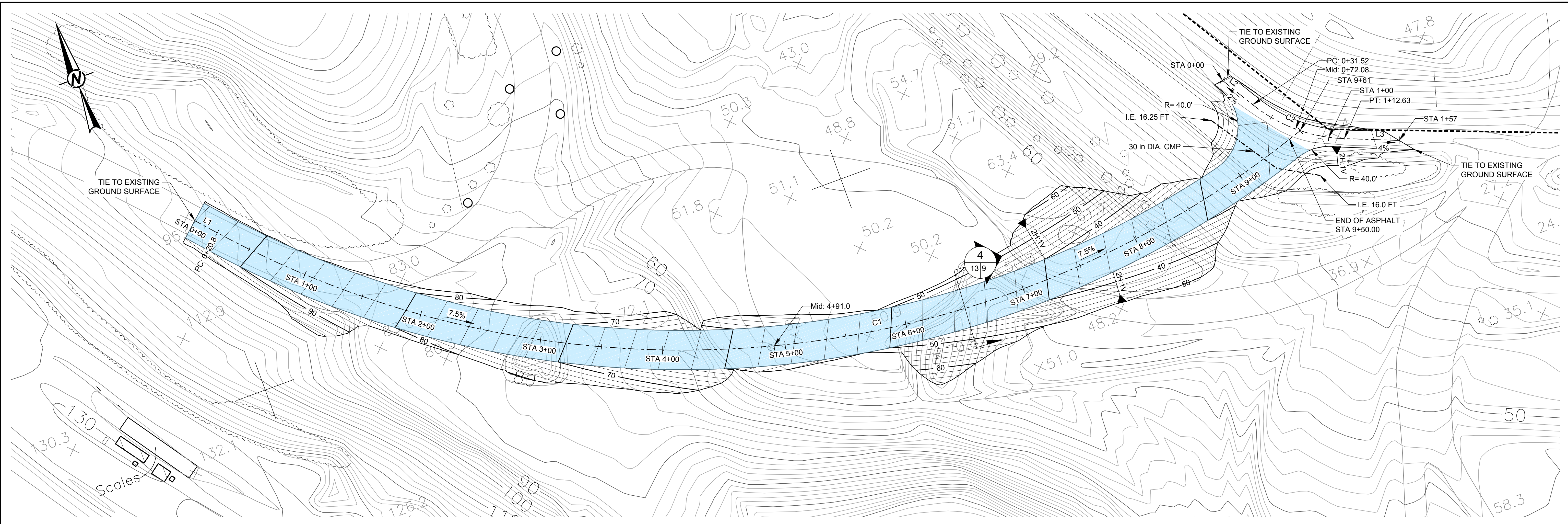
PROJECT
MONTEREY PENINSULA LANDFILL
 MODULE 6 LINER DESIGN
 MONTEREY COUNTY, CALIFORNIA

TITLE
LEAK DETECTION SYSTEM DETAILS

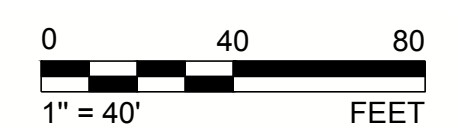
PROJECT NO. **1779479** REV. **1** 12 of 14 DRAWING **12**

1 in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANS/D

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- NOTE(S)**
1. TOPOGRAPHIC PROFILE GENERATED FROM TOPOGRAPHIC INFORMATION PROVIDED BY AERIAL PHOTOMAPPING SERVICES. DATE OF TOPOGRAPHY: JUNE 29, 2018.
 2. ROAD ELEVATION CONTOURS REPRESENT TOP OF ROAD SURFACE.



LINE TABLE:

LINE #	LENGTH (FT)	BEARING	START POINT (N, E)	END POINT (N, E)
L1	20.8	S41° 35' 27.26"E	(2152149.3, 5751993.5)	(2152133.8, 5752007.3)
L2	31.5	S31° 07' 32.97"E	(2151968.4, 5752819.9)	(2151941.4, 5752836.2)
L3	44.8	S68° 00' 34.66"E	(2151889.7, 5752896.9)	(2151872.9, 5752938.5)

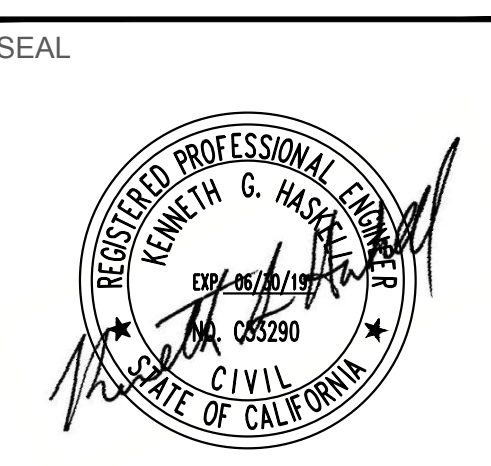
CURVE TABLE:

CURVE #	RADIUS (FT)	LENGTH (FT)	START POINT (N, E)	END POINT (N, E)
C1	800.0	940.5	(2152133.8, 5752007.3)	(2151908.1, 5752865.4)
C2	126.0	81.1	(2151941.4, 5752836.2)	(2151889.7, 5752896.9)

LEGEND

- APPROXIMATE EXISTING MODULE LIMIT
- ROAD CENTERLINE/ALIGNMENT
- ASPHALTIC CONCRETE
- ▲ 2H:1V SLOPE INDICATOR
- ↘ 2% GRADE INDICATOR

REV.	YYYY-MM-DD	DESCRIPTION	DESIGNED	PREPARED	REVIEWED	APPROVED
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0	2018-12-18	ISSUED FOR BIDDING	JDR	JDR	RH	KGH



CLIENT
MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT
 14201 DEL MONTE BOULEVARD
 MONTEREY COUNTY, CA 93933-1670 PH: (831) 384-5313

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PROJECT
**MONTEREY PENINSULA LANDFILL
 MODULE 6 LINER DESIGN
 MONTEREY COUNTY, CALIFORNIA**

TITLE
CALPINE ROAD REALIGNMENT PLAN AND PROFILE

PROJECT NO.
1779479

REV. 13 of 14 DRAWING
1 13

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM A3/D3

