

**LEGEND**

- PERMIT BOUNDARY
- WASTE BOUNDARY
- PERIMETER DITCH
- PERIMETER ACCESS ROAD
- CLOMR 100-YEAR FLOODPLAIN
- B-124 BORING LOCATION
- B-125/  
P-124 BORING/PIEZOMETER LOCATION

**NOTES**

1. EXISTING CONTOURS DEVELOPED FROM SITE AERIAL TOPOGRAPHIC SURVEY BY DALLAS AERIAL SURVEYS ON FEBRUARY 15, 2010.
2. BOUNDARY AND IMPROVEMENT SURVEY DEVELOPED BY MEJIA ENGINEERING COMPANY ON AUGUST 15, 2011 AND JUNE 9, 2014.
3. FOR CLARITY, NOT ALL SITE FEATURES MAY BE SHOWN.
4. THE NEED FOR FLEXIBILITY TO ACCOMMODATE ADJUSTMENTS AND MODIFICATIONS IS ANTICIPATED CONSIDERING THE SIZE, COMPLEXITY, AND LIFE OF THE PROJECT.

REV. NO.	DATE	DESCRIPTION

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TBPE FIRM F-5650

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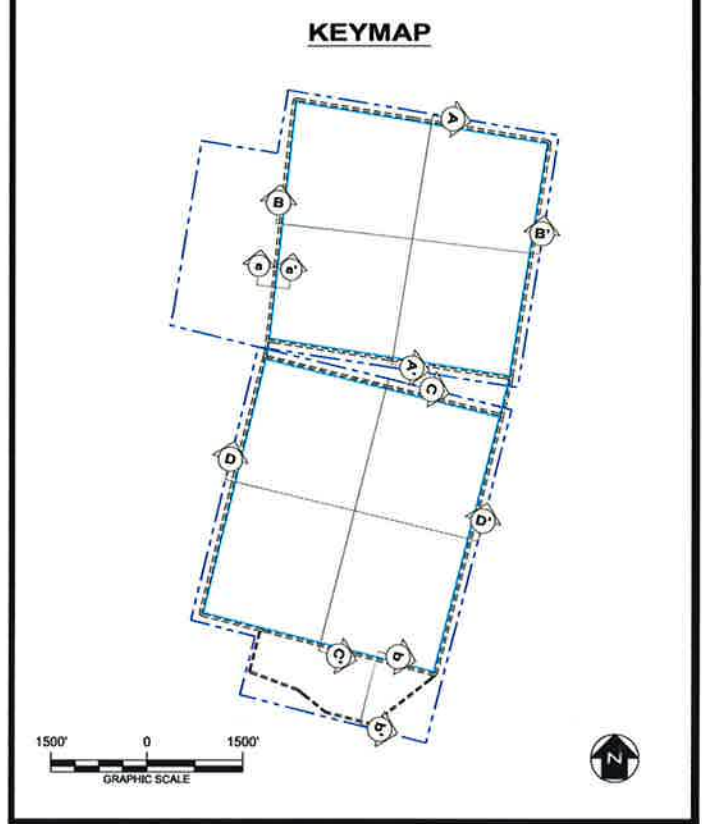
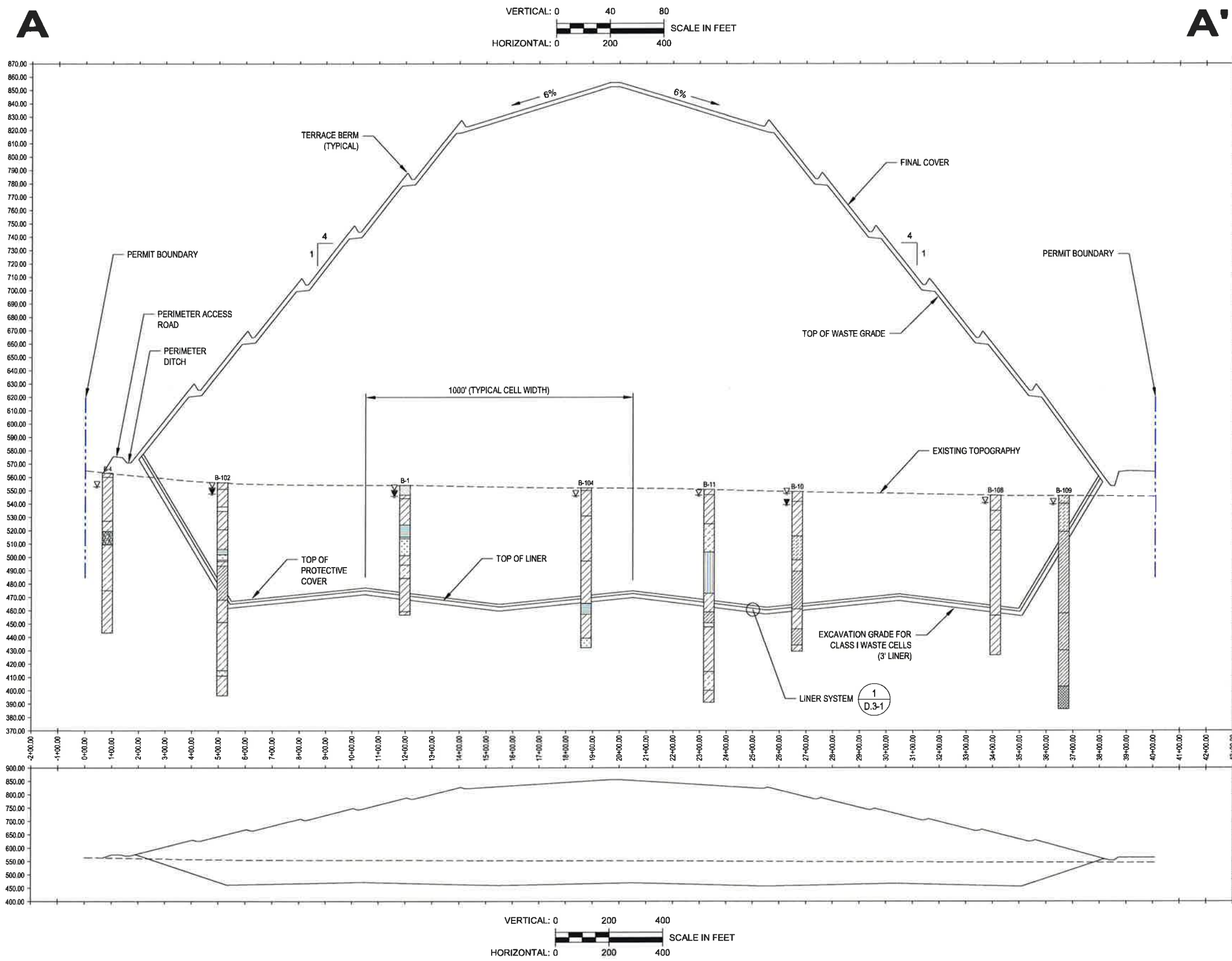
3-2-2015  
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**PESCADITO ENVIRONMENTAL RESOURCE CENTER  
WEBB COUNTY, TEXAS  
MSW 2374**

**SECTION LAYOUT PLAN**

PROJ. NO.:	148866	DATE:	MARCH 2015
DESIGNED BY:	-	DRAWING NO.	III <b>D.2-1</b>
DRAWN BY:	MTE		
CHECKED BY:	RDS		
APPROVED BY:	MWO		1 OF 6 SHEETS





**KEYMAP LEGEND**

- PERMIT BOUNDARY
- PERIMETER ROAD
- PERIMETER DITCH

**LEGEND**

- |  |                 |  |                          |
|--|-----------------|--|--------------------------|
|  | FAT CLAY (CH)   |  | SANDY FAT CLAY (CH)      |
|  | LEAN CLAY (CL)  |  | SANDY LEAN CLAY (CL)     |
|  | SILT (ML)       |  | POORLY GRADED SAND (SP)  |
|  | ELASTIC SILT    |  | SILTSTONE                |
|  | CLAYEY SAND     |  | SANDSTONE                |
|  | SANDY SILT (ML) |  | CLAYSHALE                |
|  | SILTY SAND (SM) |  | SANDY SILTY CLAY (CL-ML) |

**NOTES**

1. REFER TO DRAWING III-D.1-3 FOR EXCAVATION PLAN. REFER TO DRAWING III-D.1-4 FOR LANDFILL COMPLETION PLAN.
2. REFER TO PART III, ATTACHMENT D.3 FOR LINER, LEACHATE COLLECTION SYSTEM, AND FINAL COVER DETAILS.
3. REFER TO DRAWING III-D.1-1 FOR BUFFER DISTANCES.
4. REFER TO PART III, ATTACHMENT III-E FOR SUBSURFACE CHARACTERIZATION AND GROUNDWATER ELEVATIONS
5. MAXIMUM NORTH UNIT FINAL COVER ELEVATION: 858 FT-MSL. MAXIMUM NORTH UNIT ELEVATION OF WASTE: 855 FT-MSL. DEEPEST EXCAVATION OF NORTH UNIT AT LEACHATE SUMP N-8: 444.7 FT-MSL FOR 3-FT LINER THICKNESS.
6. SOME BORINGS ARE PROJECTED ON THE CROSS SECTIONS FROM THEIR ACTUAL LOCATIONS.

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*Michael W. Oden*

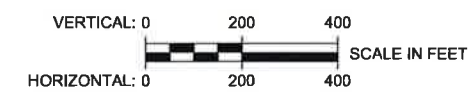
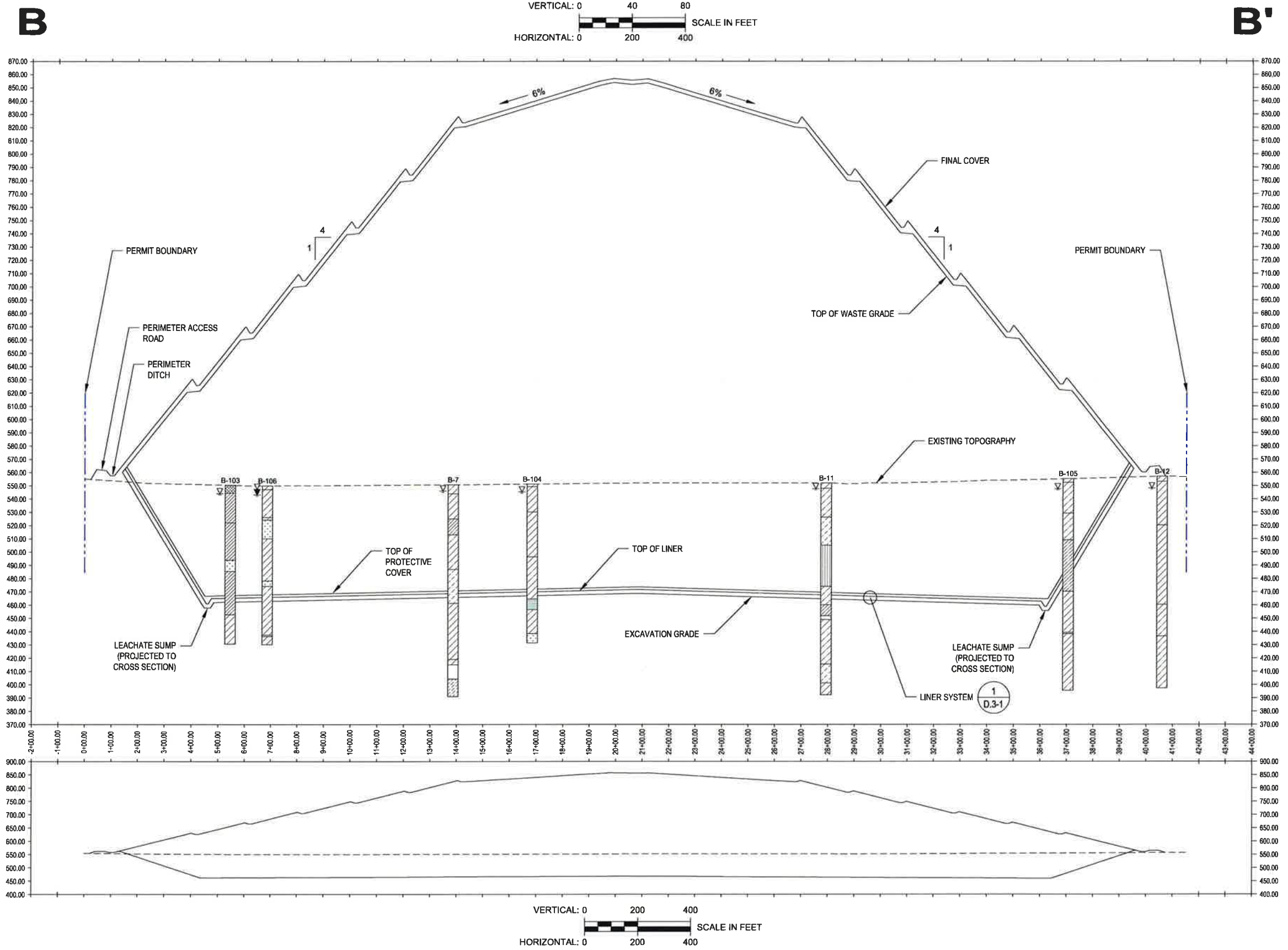
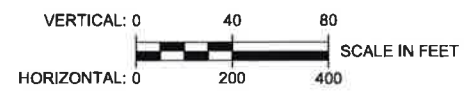
STATE OF TEXAS  
 REGISTERED PROFESSIONAL ENGINEER  
 67165

**PESCADITO ENVIRONMENTAL RESOURCE CENTER**  
**WEBB COUNTY, TEXAS**  
**MSW 2374**

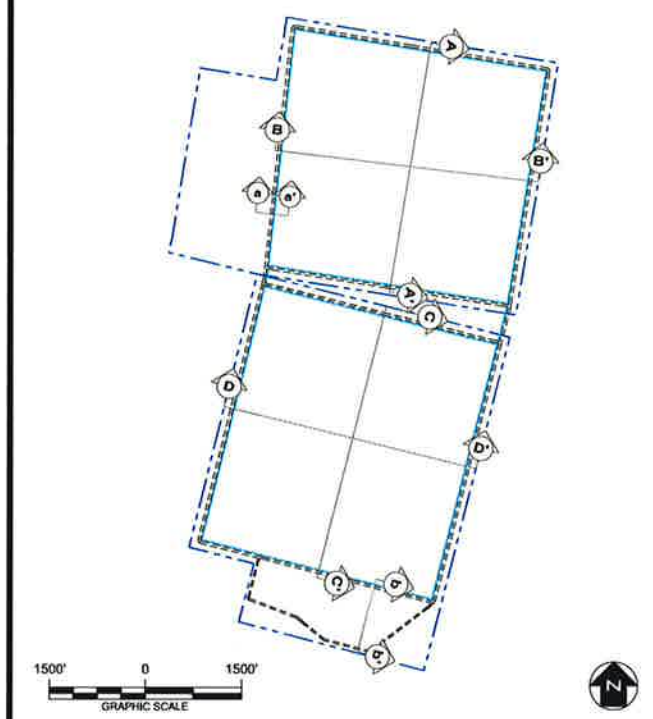
**NORTH UNIT**  
**LANDFILL SECTION A - A'**

PROJ. NO.:	148866	DATE:	MARCH 2015
DESIGNED BY:	-	DRAWING NO.:	III D.2-2
DRAWN BY:	MTE		
CHECKED BY:	RDS		
APPROVED BY:	MWO		

2 OF 6 SHEETS



**KEYMAP**



**KEYMAP LEGEND**

- PERMIT BOUNDARY
- PERIMETER ROAD
- PERIMETER DITCH

**LEGEND**

- |                 |                          |
|-----------------|--------------------------|
| FAT CLAY (CH)   | SANDY FAT CLAY (CH)      |
| LEAN CLAY (CL)  | SANDY LEAN CLAY (CL)     |
| SILT (ML)       | POORLY GRADED SAND (SP)  |
| ELASTIC SILT    | SILTSTONE                |
| CLAYEY SAND     | SANDSTONE                |
| SANDY SILT (ML) | CLAYSHALE                |
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**NOTES**

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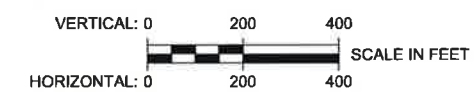
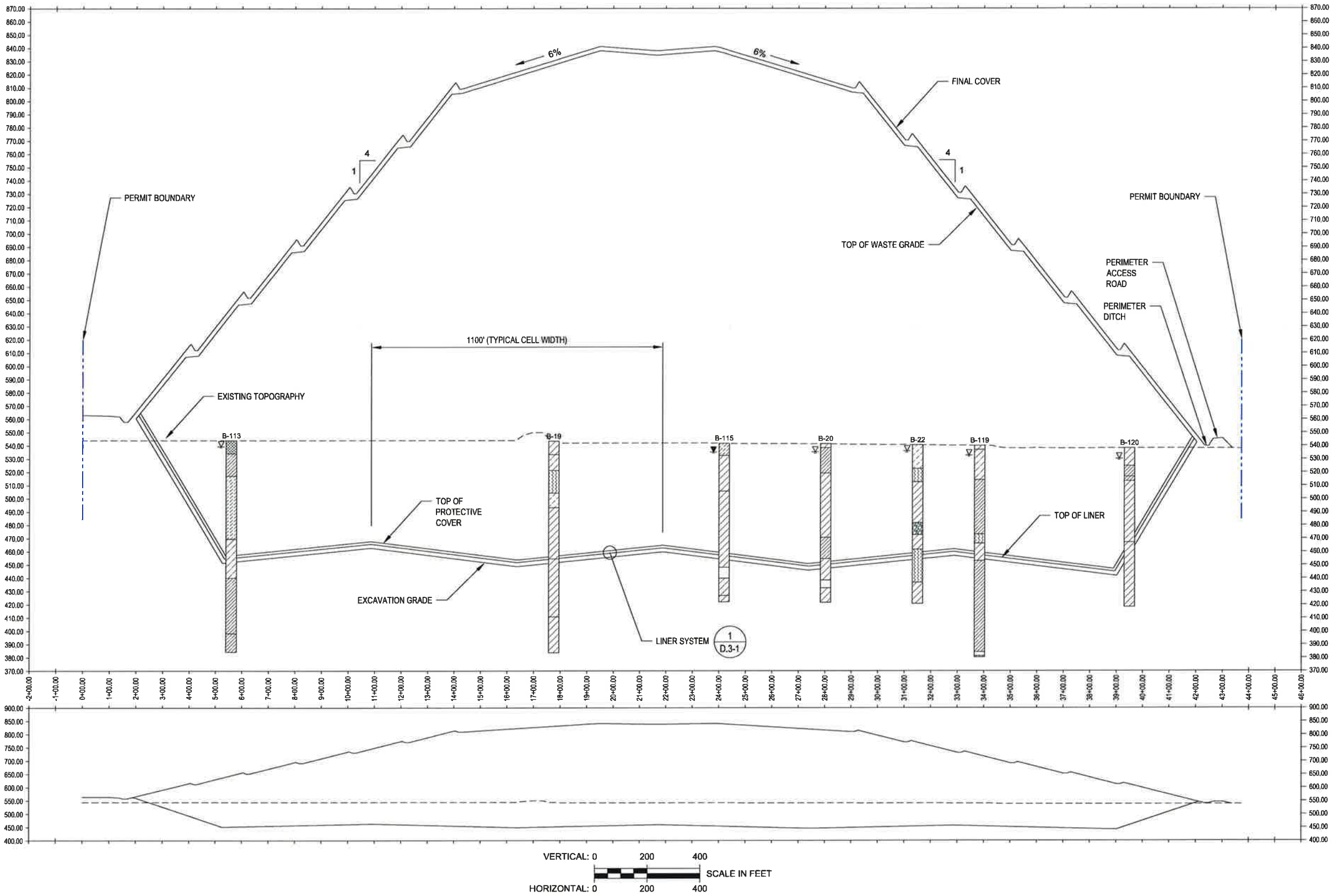
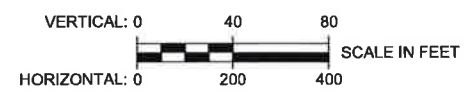
**NORTH UNIT**  
**LANDFILL SECTION B - B'**

PROJ. NO.:	148866	DATE:	MARCH 2015
DESIGNED BY:	-	DRAWING NO.:	<b>III</b>
DRAWN BY:	MTE		<b>D.2-3</b>
CHECKED BY:	RDS		3 OF 6 SHEETS
APPROVED BY:	MWO		

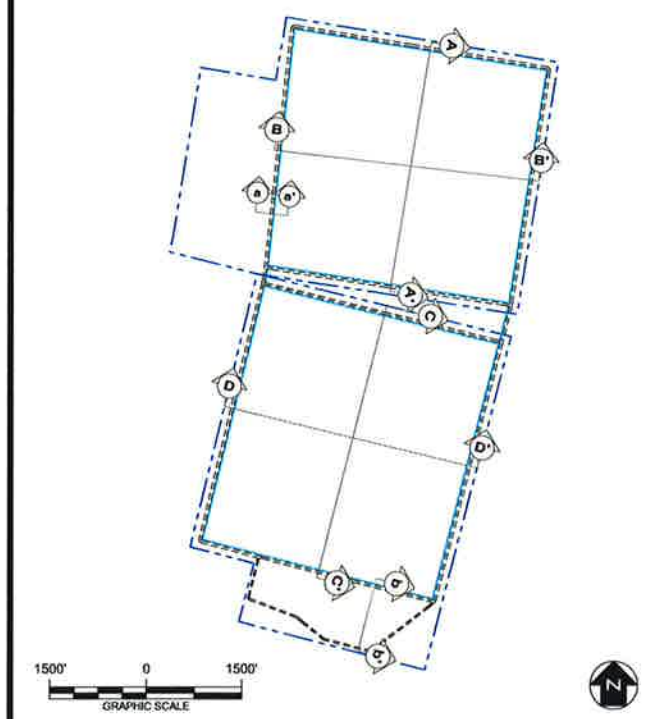


C

C'



KEYMAP



KEYMAP LEGEND

- APPROXIMATE FACILITY BOUNDARY
- PERIMETER ROAD
- PERIMETER DITCH

LEGEND

- |                 |                          |
|-----------------|--------------------------|
| FAT CLAY (CH)   | SANDY FAT CLAY (CH)      |
| LEAN CLAY (CL)  | SANDY LEAN CLAY (CL)     |
| SILT (ML)       | POORLY GRADED SAND (SP)  |
| ELASTIC SILT    | SILTSTONE                |
| CLAYEY SAND     | SANDSTONE                |
| SANDY SILT (ML) | CLAYSHALE                |
| SILTY SAND (SM) | SANDY SILTY CLAY (CL-ML) |

NOTES

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2. REFER TO PART III, ATTACHMENT D.3 FOR LINER, LEACHATE COLLECTION SYSTEM, AND FINAL COVER DETAILS.
3. REFER TO DRAWING III-D.1-1 FOR BUFFER DISTANCES.
4. REFER TO PART III, ATTACHMENT III-E FOR SUBSURFACE CHARACTERIZATION AND GROUNDWATER ELEVATIONS
5. MAXIMUM SOUTH UNIT FINAL COVER ELEVATION: 843 FT-MSL. MAXIMUM SOUTH UNIT ELEVATION OF WASTE: 840 FT-MSL. DEEPEST EXCAVATION AT LEACHATE SUMP S-8: 431.3 FT-MSL FOR 3-FT LINER THICKNESS.
6. SOME BORINGS ARE PROJECTED ON THE CROSS SECTIONS FROM THEIR ACTUAL LOCATIONS.

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*Michael W. Oden*

**PESCADITO ENVIRONMENTAL RESOURCE CENTER**  
**WEBB COUNTY, TEXAS**  
**MSW 2374**

**SOUTH UNIT**  
**LANDFILL SECTION C - C'**

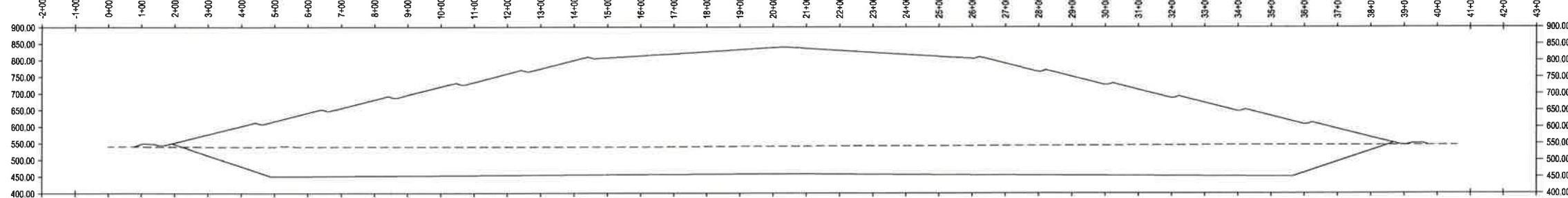
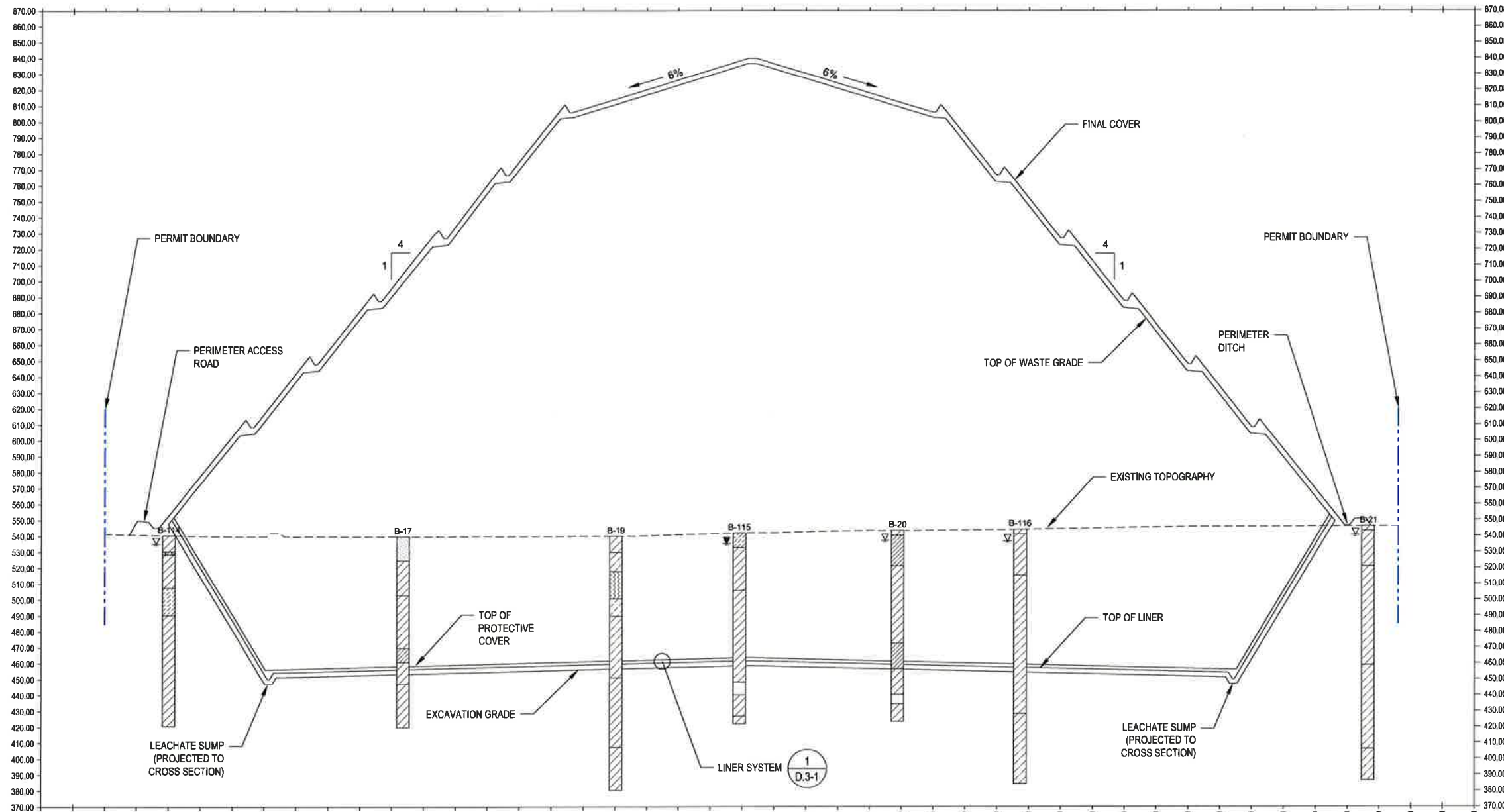
PROJ. NO.:	148866	DATE:	MARCH 2015
DESIGNED BY:	-	DRAWING NO.:	III D.2-4
DRAWN BY:	MTE		
CHECKED BY:	RDS		
APPROVED BY:	MWO		

4 OF 6 SHEETS

D

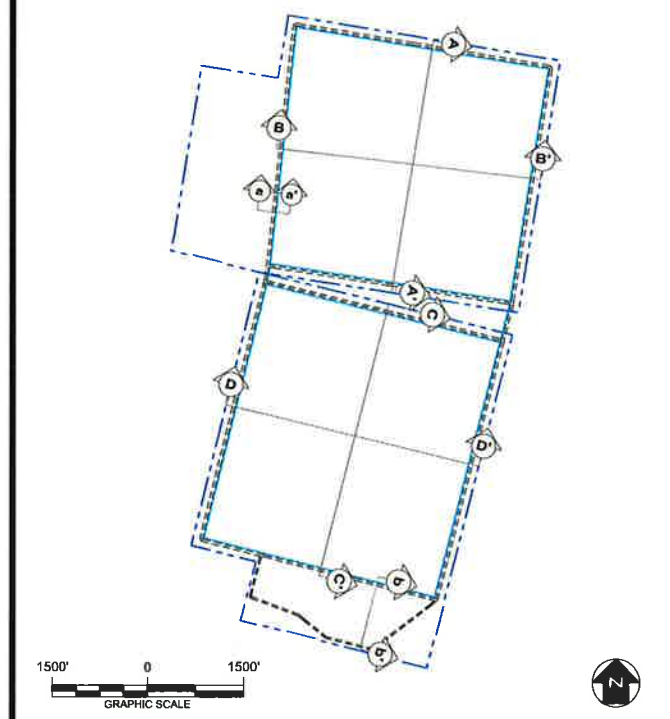
D'

VERTICAL: 0 40 80  
HORIZONTAL: 0 200 400  
SCALE IN FEET



VERTICAL: 0 200 400  
HORIZONTAL: 0 200 400  
SCALE IN FEET

**KEYMAP**



**KEYMAP LEGEND**

- APPROXIMATE FACILITY BOUNDARY
- PERIMETER ROAD
- PERIMETER DITCH

**LEGEND**

- |                 |                          |
|-----------------|--------------------------|
| FAT CLAY (CH)   | SANDY FAT CLAY (CH)      |
| LEAN CLAY (CL)  | SANDY LEAN CLAY (CL)     |
| SILT (ML)       | POORLY GRADED SAND (SP)  |
| ELASTIC SILT    | SILTSTONE                |
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| SANDY SILT (ML) | CLAYSHALE                |
| SILTY SAND (SM) | SANDY SILTY CLAY (CL-ML) |

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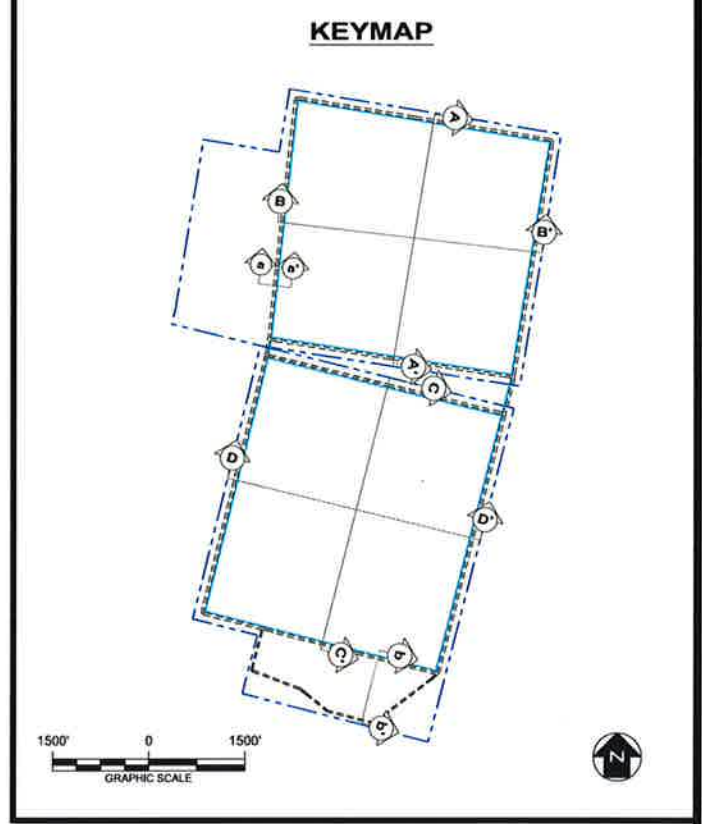
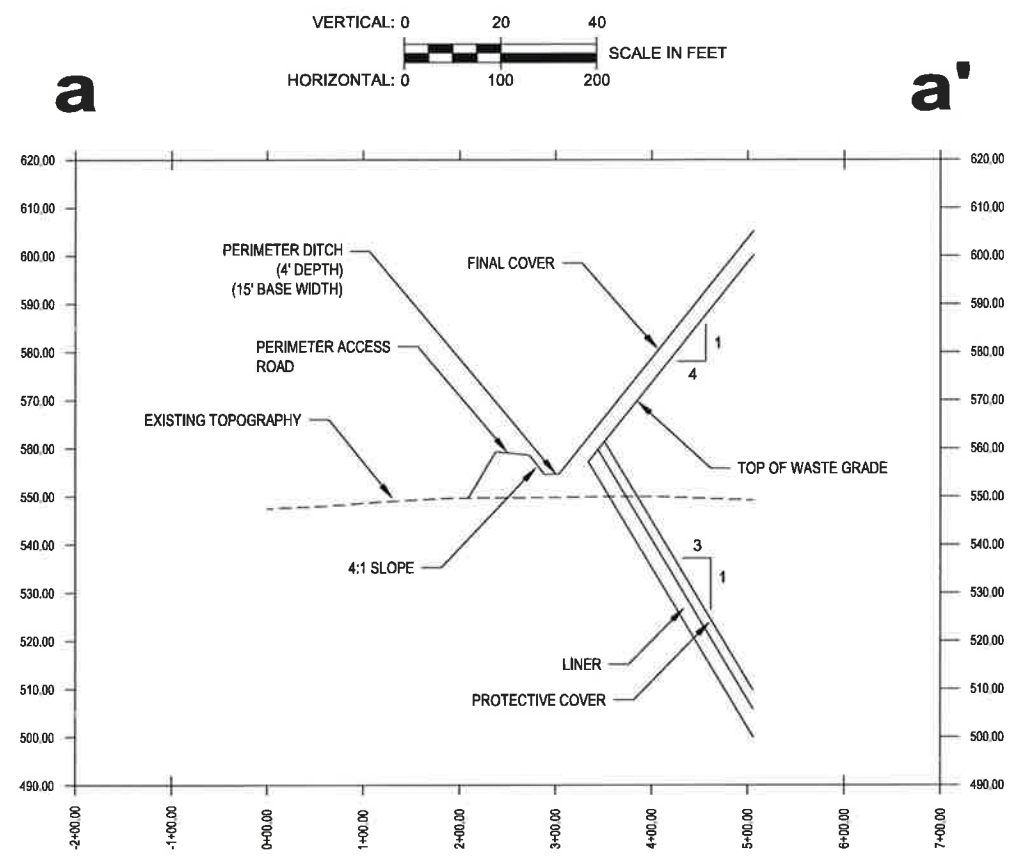
**MICHAEL W. ODEN**  
REGISTERED PROFESSIONAL ENGINEER  
67165

**PESCADITO ENVIRONMENTAL RESOURCE CENTER**  
**WEBB COUNTY, TEXAS**  
**MSW 2374**

**SOUTH UNIT**  
**LANDFILL SECTION D - D'**

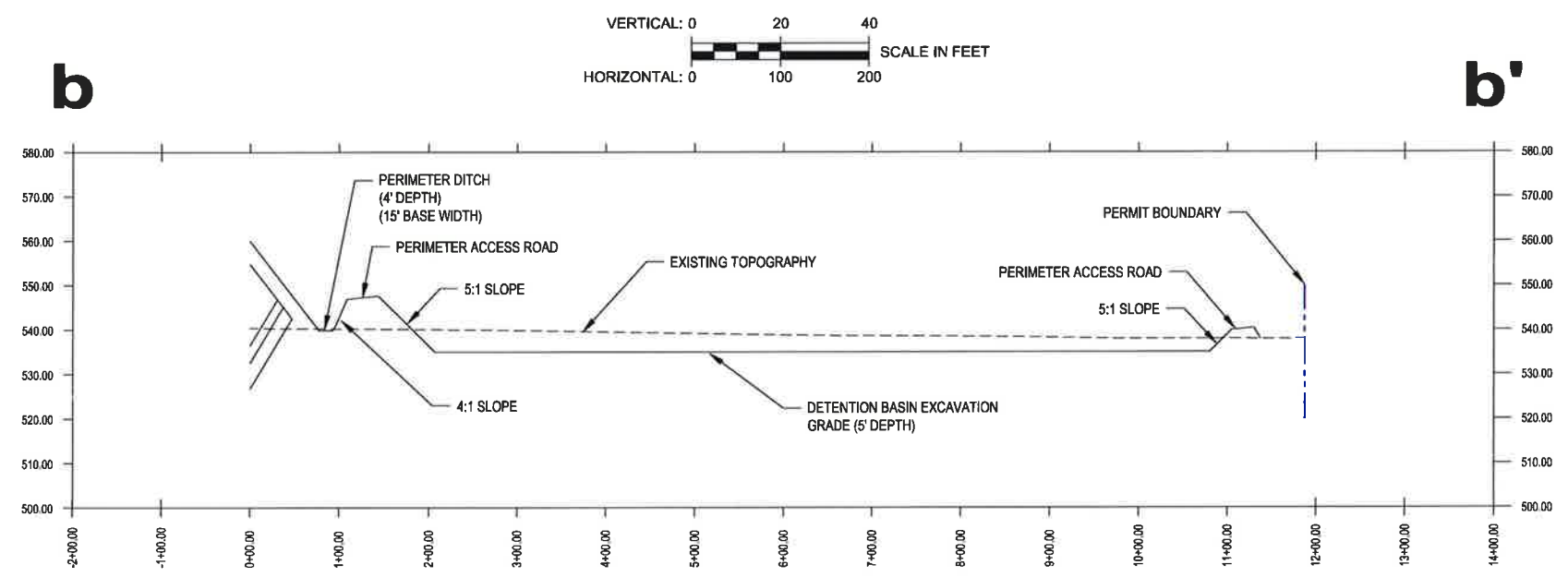
PROJ. NO.: 148866	DATE: MARCH 2015
DESIGNED BY: -	DRAWING NO. III
DRAWN BY: MTE	<b>D.2-5</b>
CHECKED BY: RDS	5 OF 6 SHEETS
APPROVED BY: MWO	





**KEYMAP LEGEND**

- APPROXIMATE FACILITY BOUNDARY
- PERIMETER ROAD
- PERIMETER DITCH



REV. NO.	DATE	DESCRIPTION

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 STATE OF TEXAS  
 67165

**PESCADITO ENVIRONMENTAL RESOURCE CENTER**  
**WEBB COUNTY, TEXAS**  
**MSW 2374**

**LANDFILL SECTIONS a - a' & b - b'**

PROJ. NO.: 148866	DATE: MARCH 2015
DESIGNED BY: -	DRAWING NO. III
DRAWN BY: MTE	<b>D.2-6</b>
CHECKED BY: RDS	6 OF 6 SHEETS
APPROVED BY: MWO	