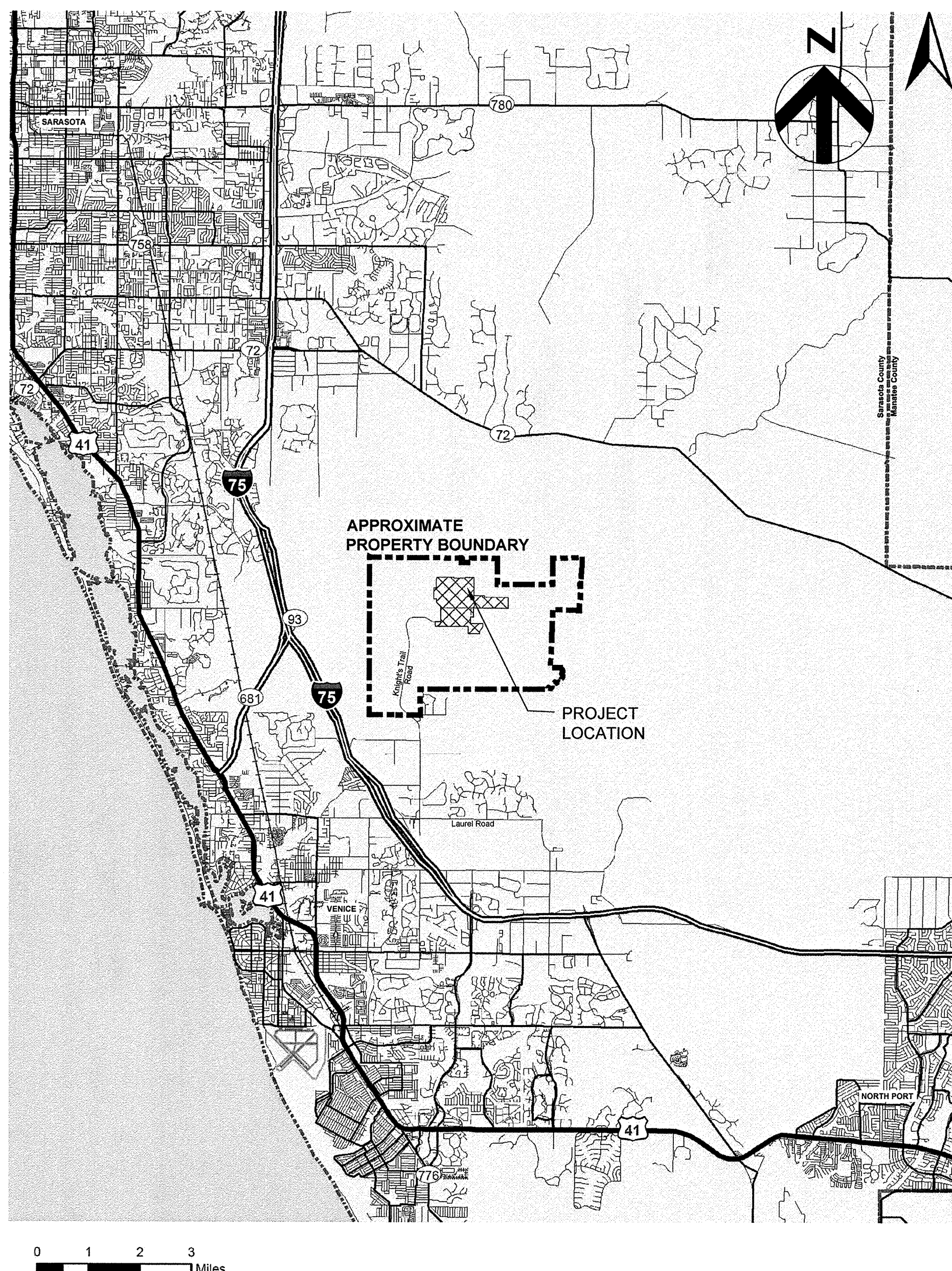




Central County Solid Waste Disposal Complex

Phase II Class I Landfill Staging Plans

ADDRESS: 4000 KNIGHTS TRAIL ROAD
NOKOMIS, FLORIDA 34275

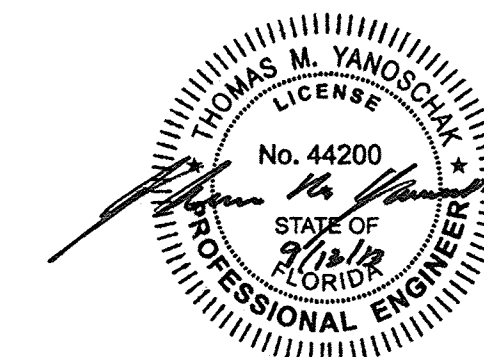
PROJECT NO. 096-185625-002

SARASOTA COUNTY, FLORIDA

SEPTEMBER 2013

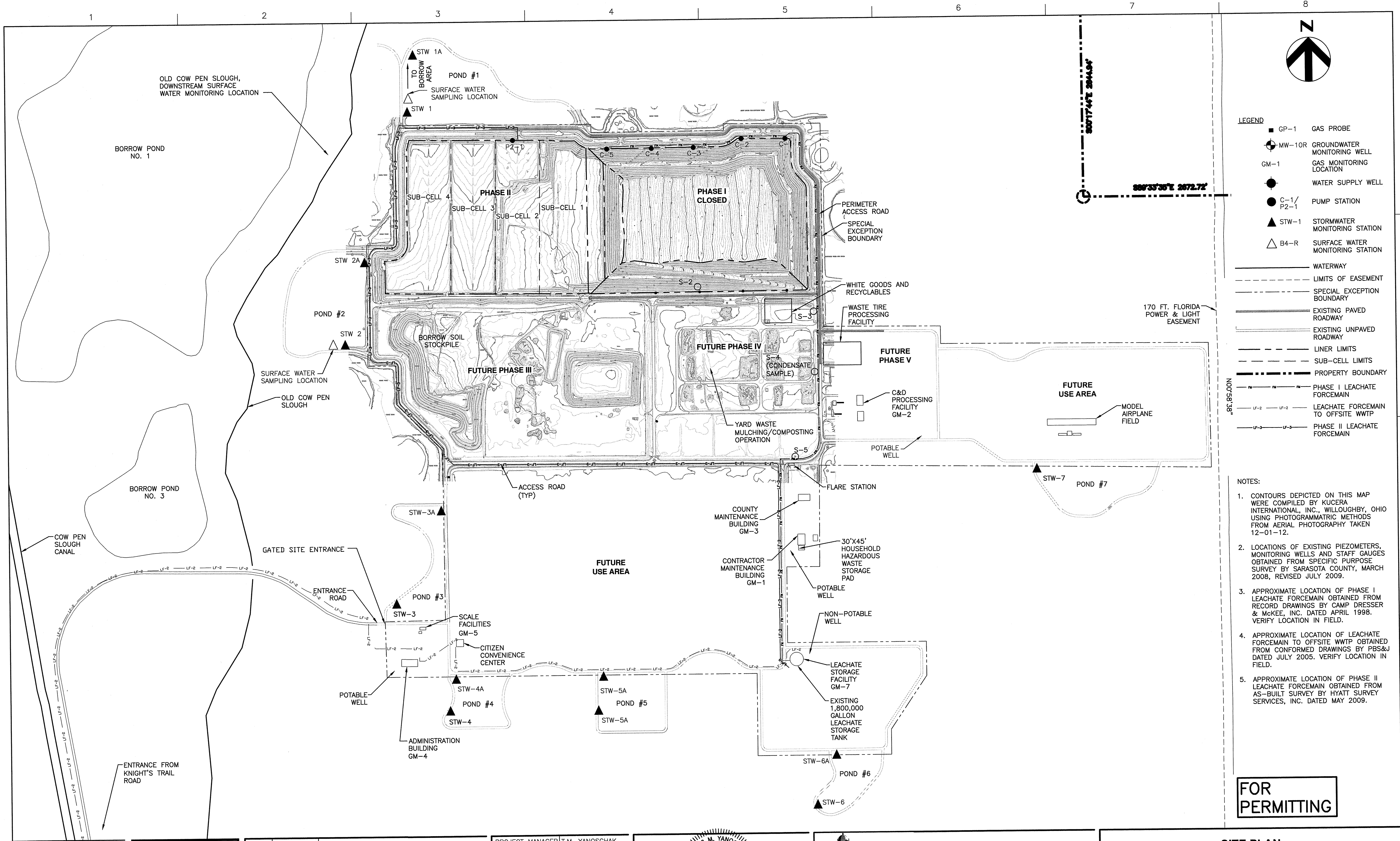
INDEX OF DRAWINGS

G-01	COVER SHEET
C-00	SITE PLAN
C-01	LANDFILL STAGING PLAN
C-02	LANDFILL STAGING PLAN
C-03	LANDFILL STAGING PLAN
C-04	LANDFILL STAGING SECTIONS
C-05	LANDFILL STAGING SECTIONS
C-06	DETAILS



FOR
PERMITTING

SHEET
G-01



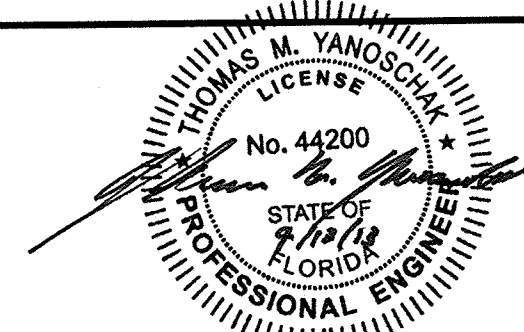
FOR PERMITTING

HDR

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(813) 282-2300
Florida Certificate of Authorization
No. 00004213

A	08/2013	ISSUED FOR REVIEW
ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	T.M. YANOSCHAK
REVIEWED BY	R. SIEMERING
DRAWN BY	B. JOHNSON
PROJECT NUMBER	096-185625-002



Thomas M. Yanoschak, P.E.
Certificate No. 44200

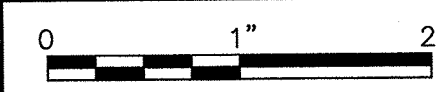
Sarasota County

**Central County Solid Waste
Disposal Complex
PHASE II CLASS I LANDFILL
STAGING PLANS**

SARASOTA COUNTY

FLORIDA

SITE PLAN

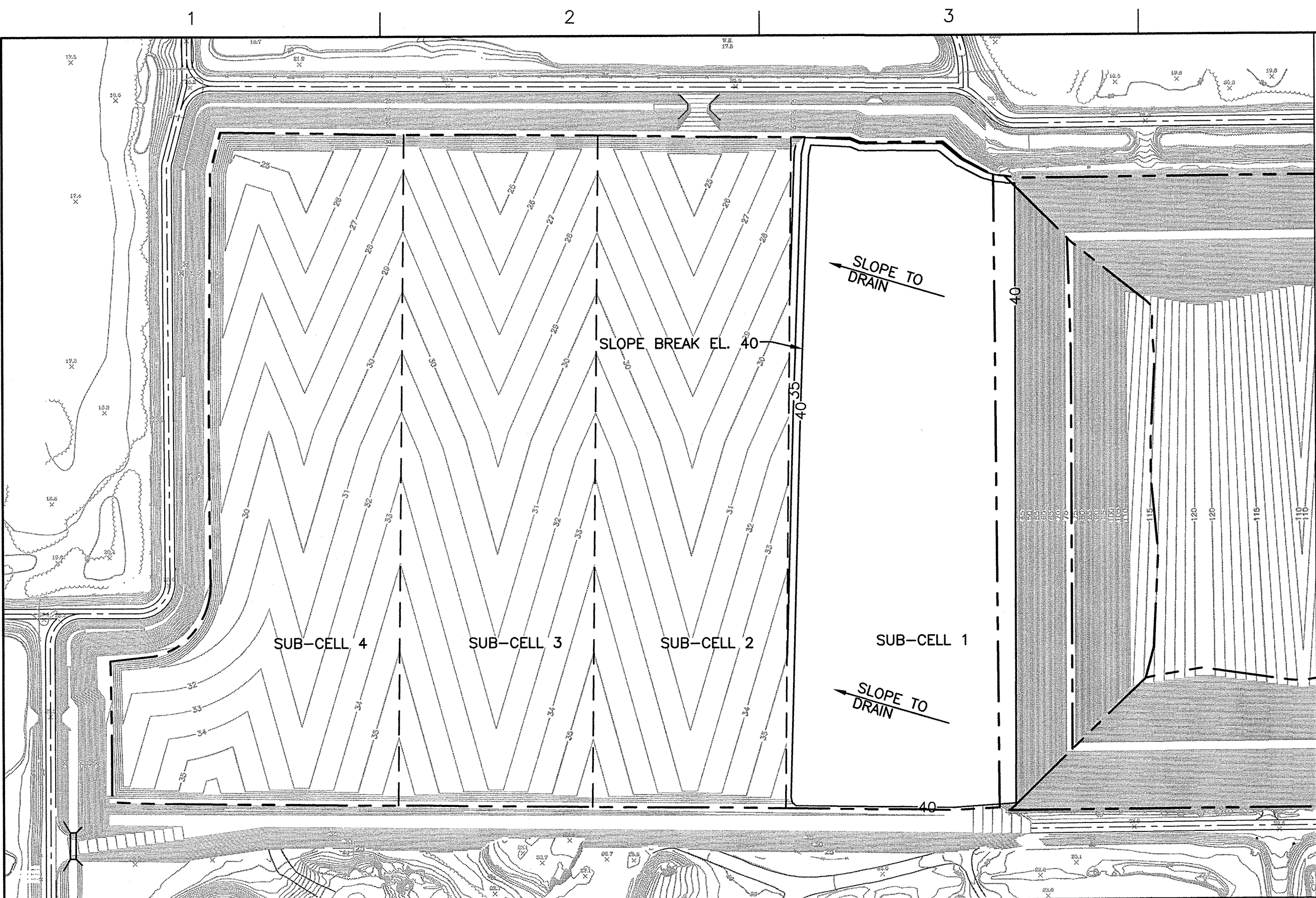


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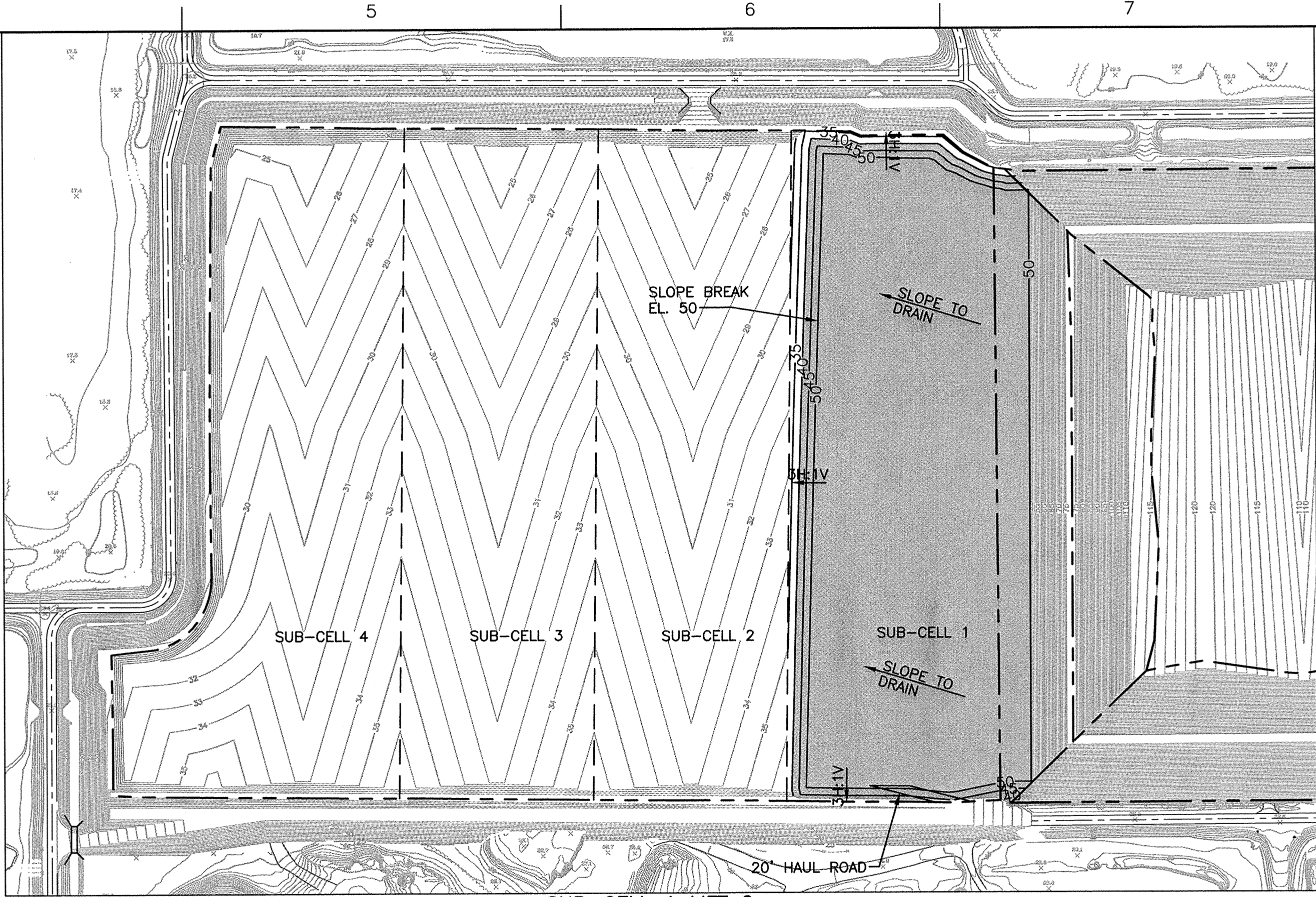
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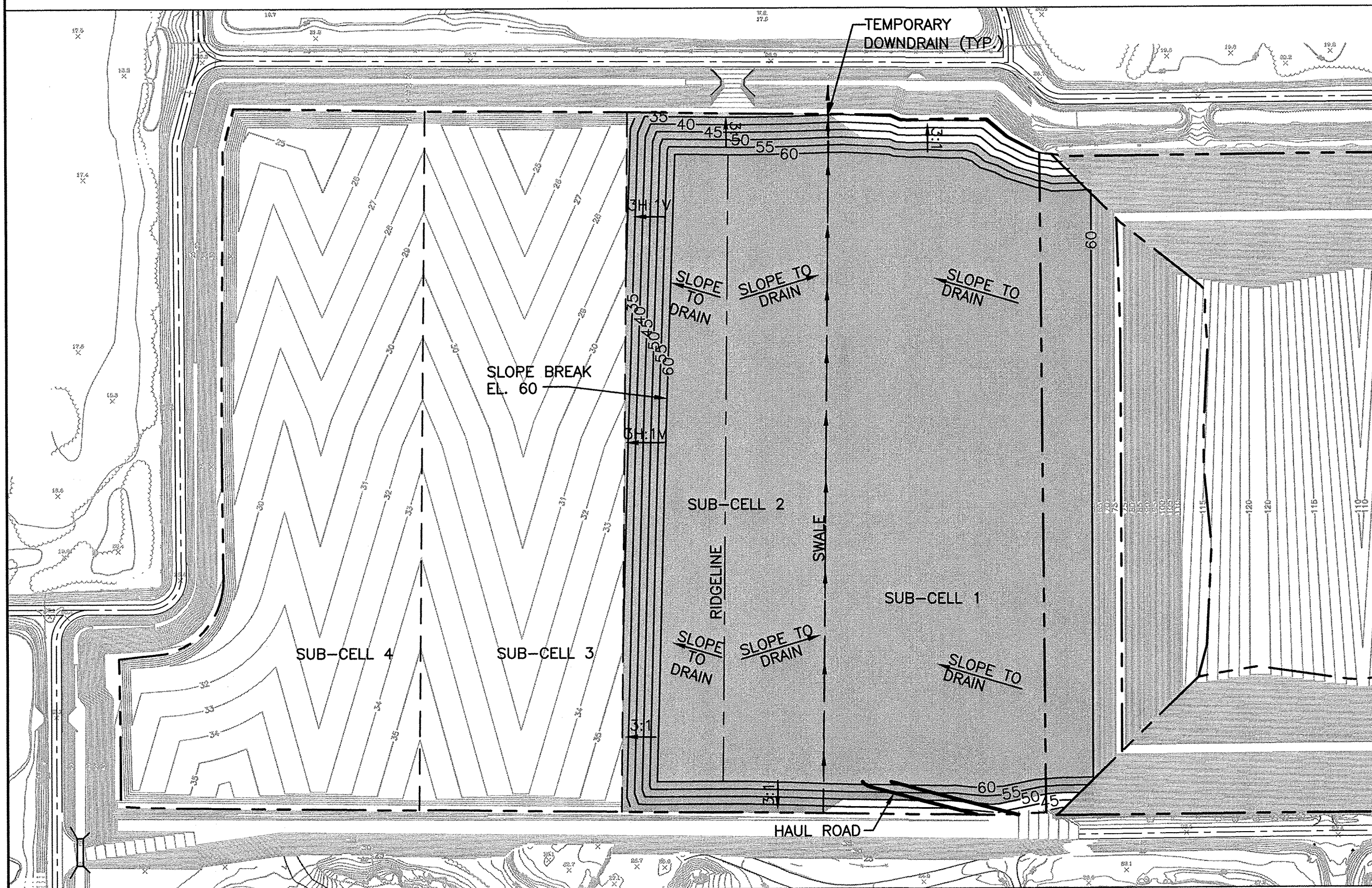
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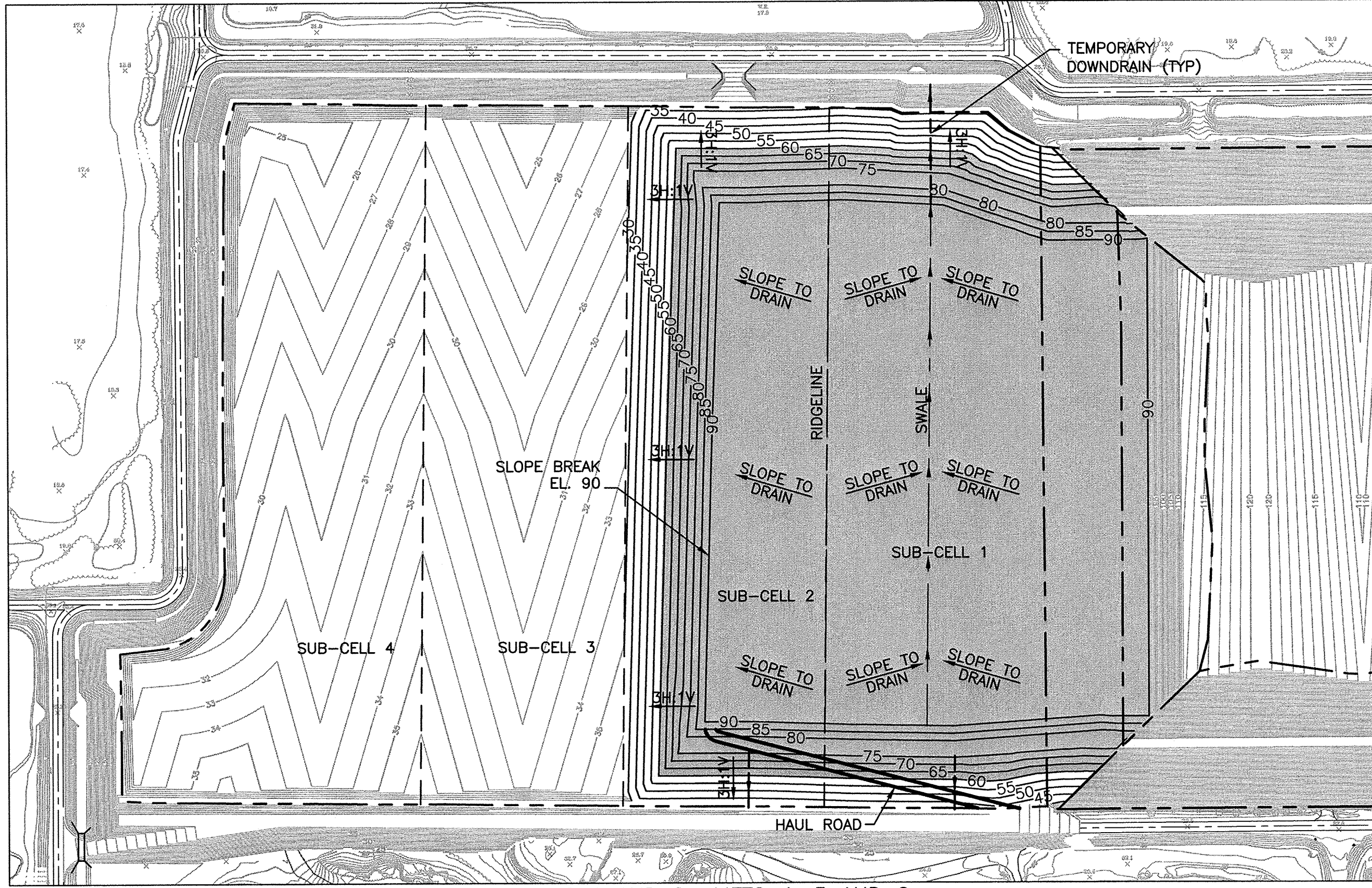
SUB-CELL 1 LIFT 1



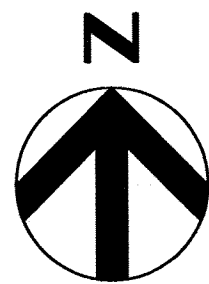
SUB-CELL 1 LIFT 2



SUB-CELLS 1 AND 2 LIFTS 1, 2 AND 3



SUB-CELLS 1 AND 2 LIFTS 4, 5 AND 6



NOTES:

1. CONTOURS WITHIN UNFILLED SUB-CELLS REPRESENT TOP OF PROTECTIVE COVER.
2. TYPICAL LIFT THICKNESS IS 10 FEET.
3. ALL STORMWATER THAT COMES IN CONTACT WITH WASTE WILL BE HANDLED AS LEACHATE AND WILL BE DIRECTED TO THE LEACHATE COLLECTION SYSTEM.
4. STORMWATER RUNOFF FROM PORTIONS OF LANDFILL WITH DAILY AND INTERMEDIATE COVER WILL BE DIRECTED TO PERIMETER DRAINAGE CHANNEL.
5. LIFT PROGRESSION WILL ALTERNATE BETWEEN SOUTH TO NORTH AND THEN NORTH TO SOUTH ACROSS THE ENTIRE WIDTH OF THE LANDFILL SUB-CELL.
6. EXTERIOR FILL SEQUENCE CONTOURS REPRESENT FINAL COVER GRADES.
7. LOCATION OF TEMPORARY DOWNDRAINS ARE APPROXIMATE.

LEGEND

- EXISTING ELEVATION CONTOUR
- PROPOSED ELEVATION CONTOUR
- CHAIN LINK FENCE
- CENTER LINE OF ROAD
- SUB-CELL WASTE FILLING
- VEGETATION
- TEMPORARY DRAINAGE SWALE
- TEMPORARY RIDGE LINE
- TEMPORARY DOWNDRAIN

INCREMENTAL VOLUME

SUB-CELL 1 LIFT 1 -	163,336.88 CY
SUB-CELL 1 LIFT 2 -	219,944.44 CY
SUB-CELLS 1 & 2 LIFTS 1, 2 AND 3 -	755,127.84 CY
SUB-CELLS 1 AND 2 LIFTS 4, 5 AND 6 -	1,091,520.89 CY

TOTAL VOLUME

2,229,930.05 CY

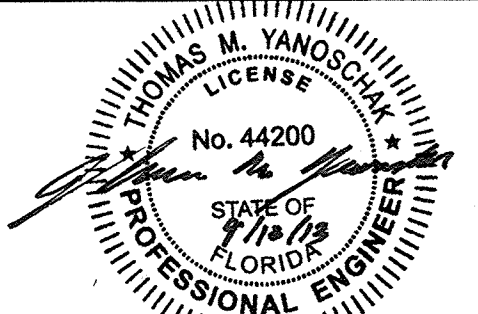
FOR PERMITTING

HDR

HDR Engineering, Inc.
5426 Bay Center Drive, Suite 400
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(813) 282-2300
Florida Certificate of Authorization
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REVIEWED BY	R. SIEMERING
DRAWN BY	B. JOHNSON
PROJECT NUMBER	096-185625-002



Thomas M. Yanoschak, P.E.
Certificate No. 44200

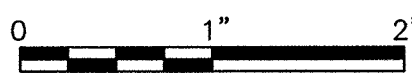
Sarasota County

Central County Solid Waste
Disposal Complex
PHASE II CLASS I LANDFILL
STAGING PLANS

SARASOTA COUNTY

FLORIDA

LANDFILL STAGING PLAN

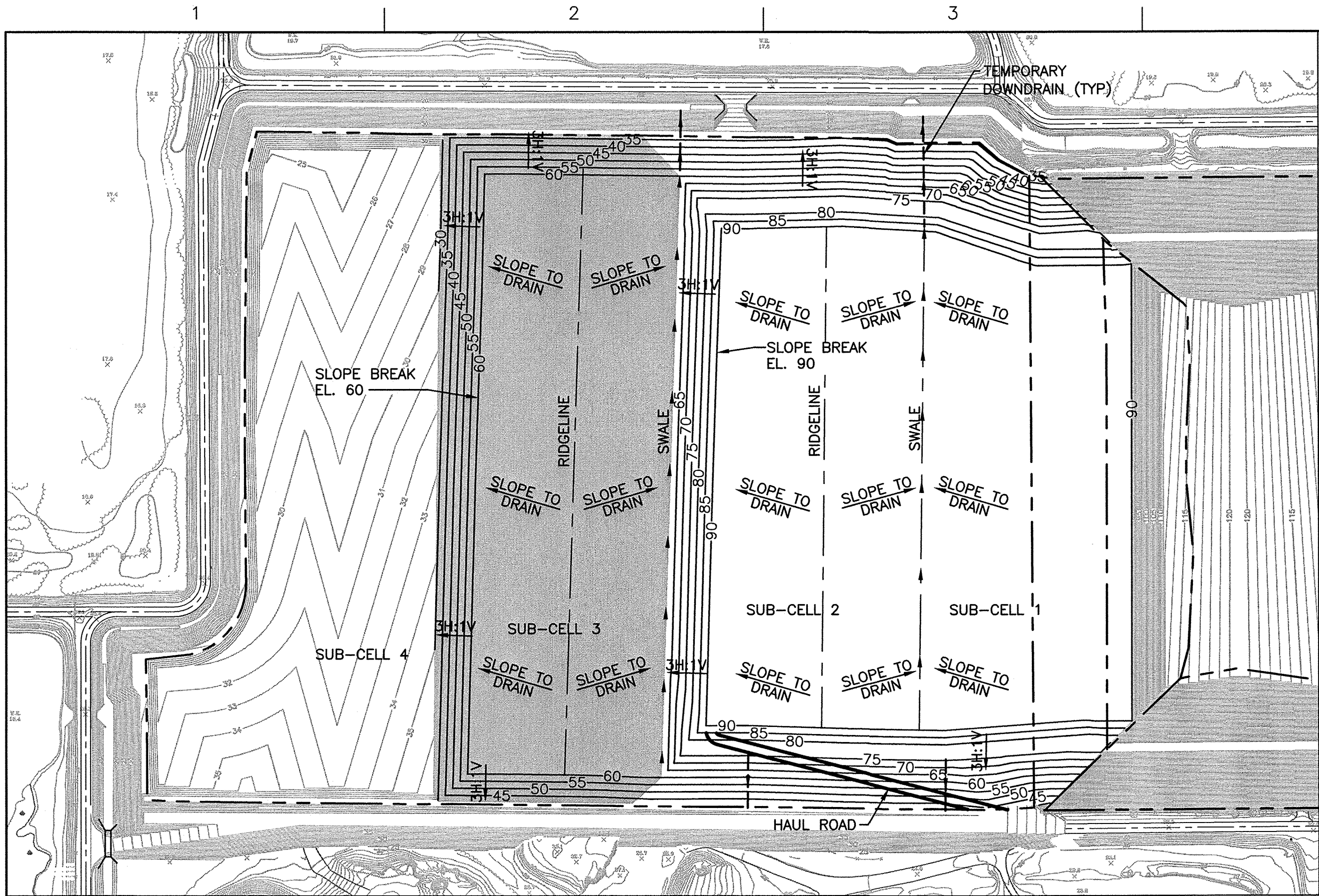


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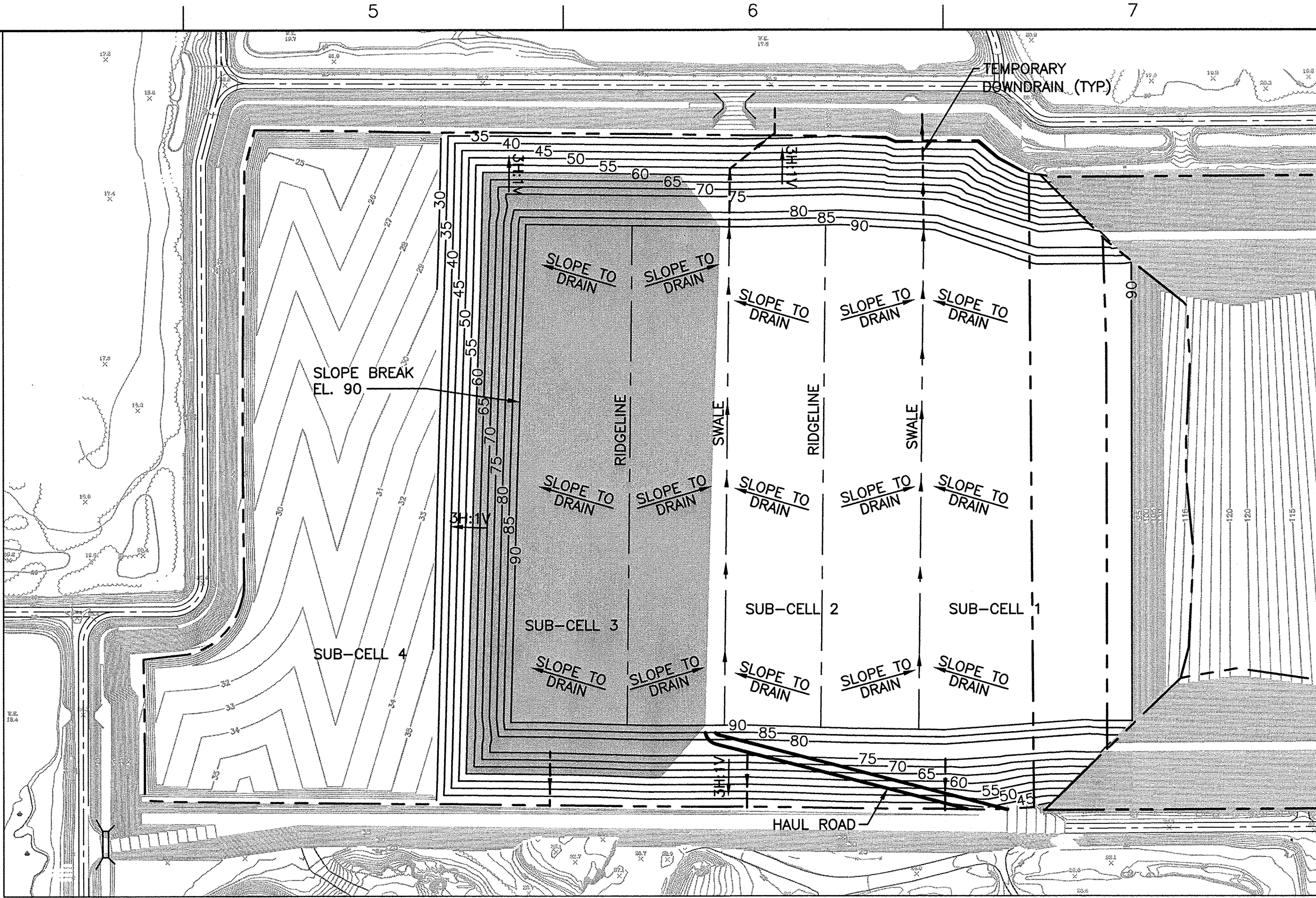
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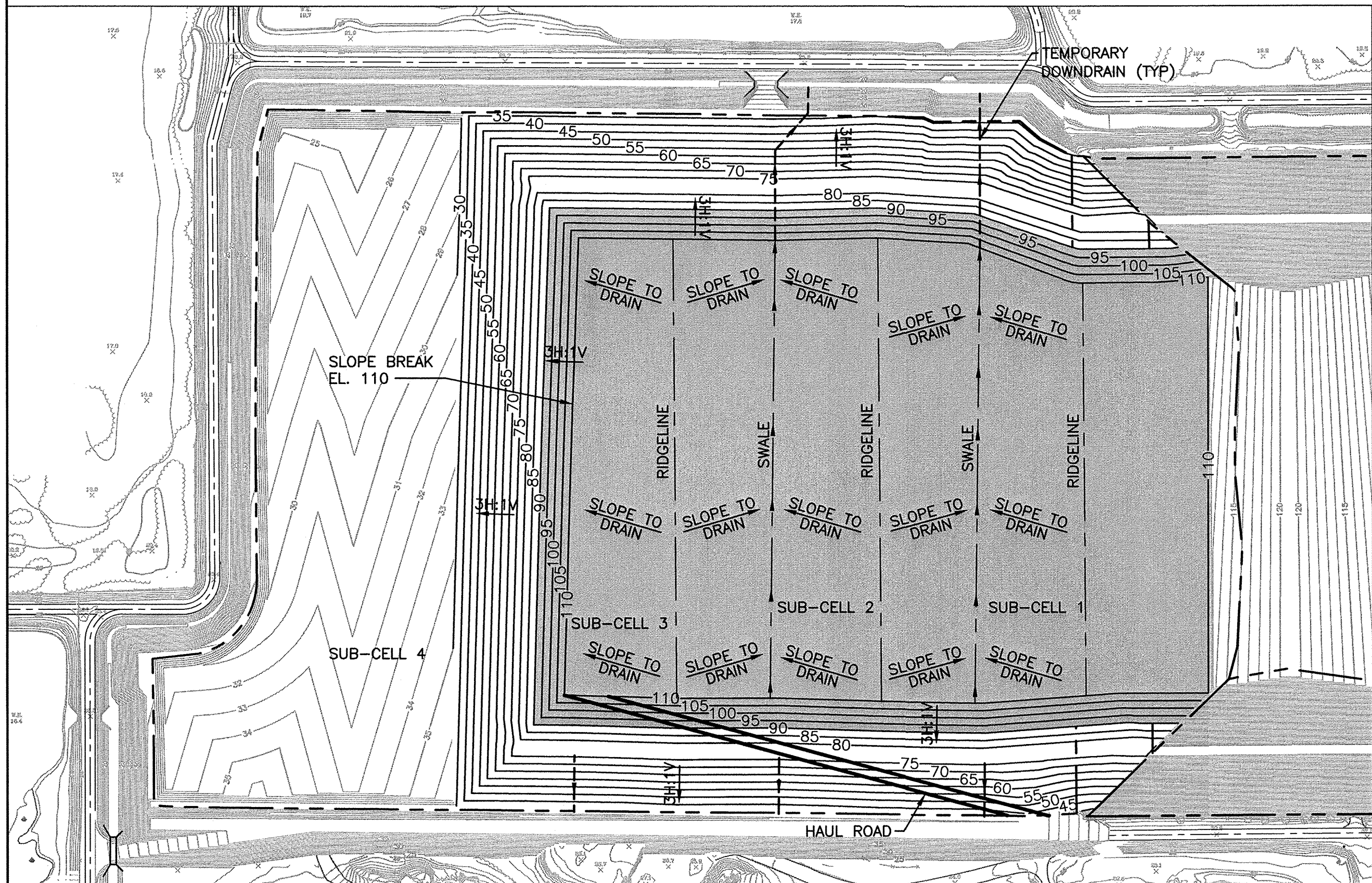
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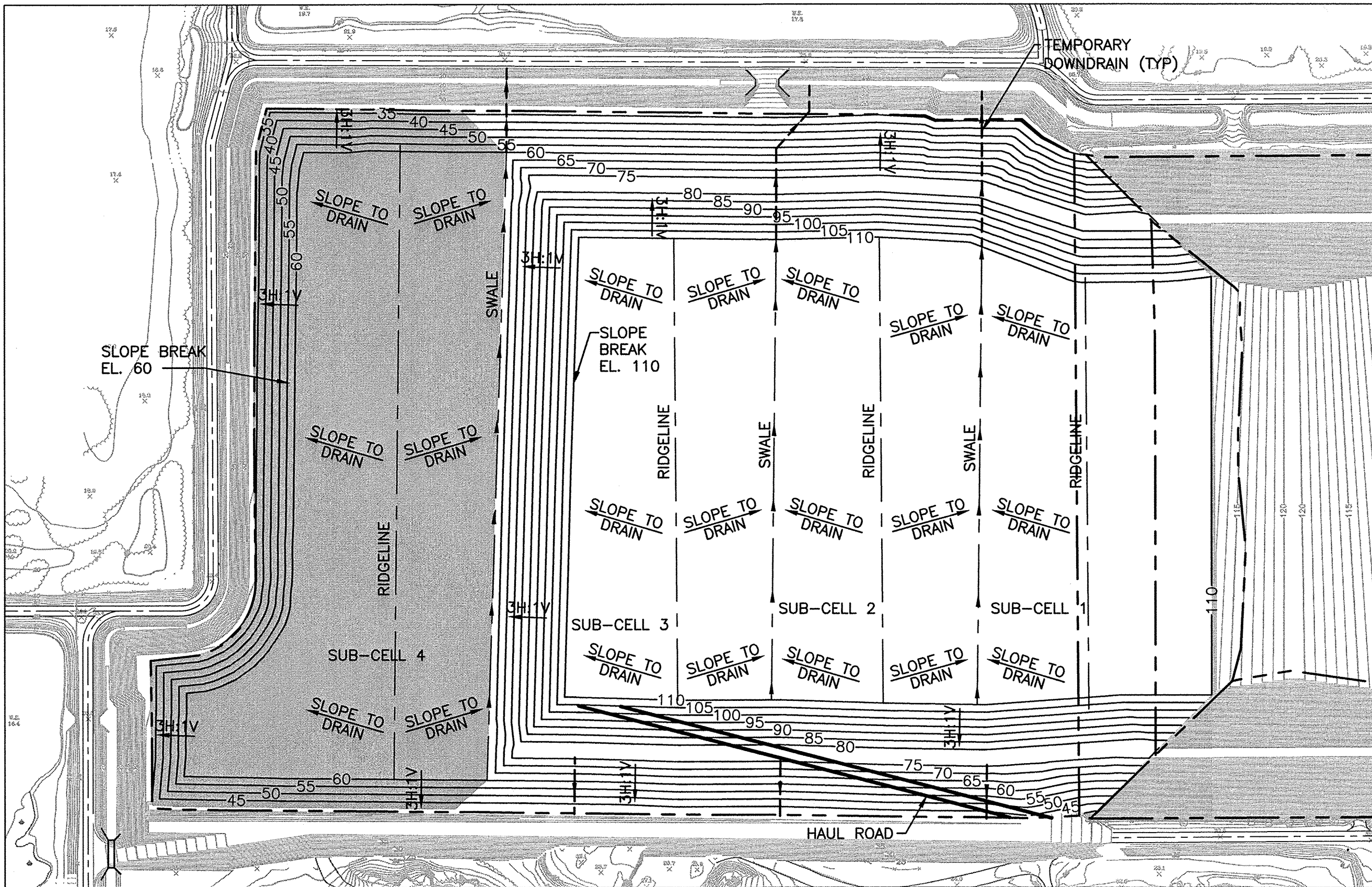
SUB-CELL 3 LIFTS 1, 2 AND 3



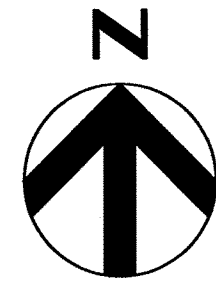
SUB-CELL 3 LIFTS 4, 5 AND 6



SUB-CELLS 1, 2 AND 3 LIFTS 7 AND 8



SUB-CELL 4 LIFTS 1, 2 AND 3



NOTES:

1. CONTOURS WITHIN UNFILLED SUB-CELLS REPRESENT TOP OF PROTECTIVE COVER.
2. TYPICAL LIFT THICKNESS IS 10 FEET.
3. ALL STORMWATER THAT COMES IN CONTACT WITH WASTE WILL BE HANDLED AS LEACHATE AND WILL BE DIRECTED TO THE LEACHATE COLLECTION SYSTEM.
4. STORMWATER RUNOFF FROM PORTIONS OF LANDFILL WITH DAILY AND INTERMEDIATE COVER WILL BE DIRECTED TO PERIMETER DRAINAGE CHANNEL.
5. LIFT PROGRESSION WILL ALTERNATE BETWEEN SOUTH TO NORTH AND THEN NORTH TO SOUTH ACROSS THE ENTIRE WIDTH OF THE LANDFILL SUB-CELL.
6. EXTERIOR FILL SEQUENCE CONTOURS REPRESENT FINAL COVER GRADES.
7. LOCATION OF TEMPORARY DOWNDRAINS ARE APPROXIMATE.

LEGEND

- EXISTING ELEVATION CONTOUR
- PROPOSED ELEVATION CONTOUR
- CHAIN LINK FENCE
- CENTER LINE OF ROAD
- SUB-CELL WASTE FILLING
- VEGETATION
- TEMPORARY DRAINAGE SWALE
- TEMPORARY RIDGE LINE
- TEMPORARY DOWNDRAIN

INCREMENTAL VOLUME

SUB-CELL 3	
LIFTS 1, 2 AND 3 -	545,409.32 CY
SUB-CELL 3	
LIFTS 4, 5 AND 6 -	514,631.63 CY
SUB-CELLS 1, 2 AND 3	
LIFTS 7 AND 8 -	915,525.42 CY
SUB-CELL 4	
LIFTS 1, 2 AND 3 -	619,716.62 CY

TOTAL VOLUME

4,825,213.04 CY

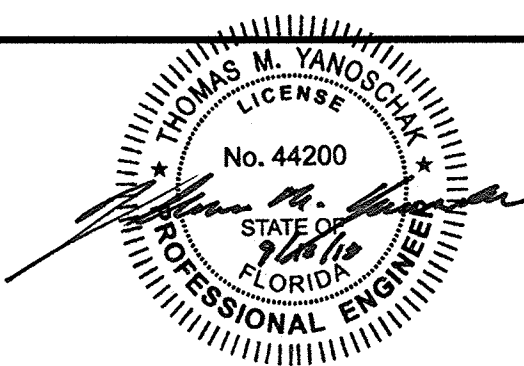
FOR
PERMITTING

HDR

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5428 Bay Center Drive, Suite 400
Tampa, FL 33609-3444
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Florida Certificate of Authorization
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ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	T.M. YANOSCHAK
REVIEWED BY	R. SIEMERING
DRAWN BY	B. JOHNSON
PROJECT NUMBER	096-185625-002



Thomas M. Yanoschak, P.E.
Certificate No. 44200

Sarasota County

**Central County Solid Waste
Disposal Complex**
PHASE II CLASS I LANDFILL
STAGING PLANS

SARASOTA COUNTY

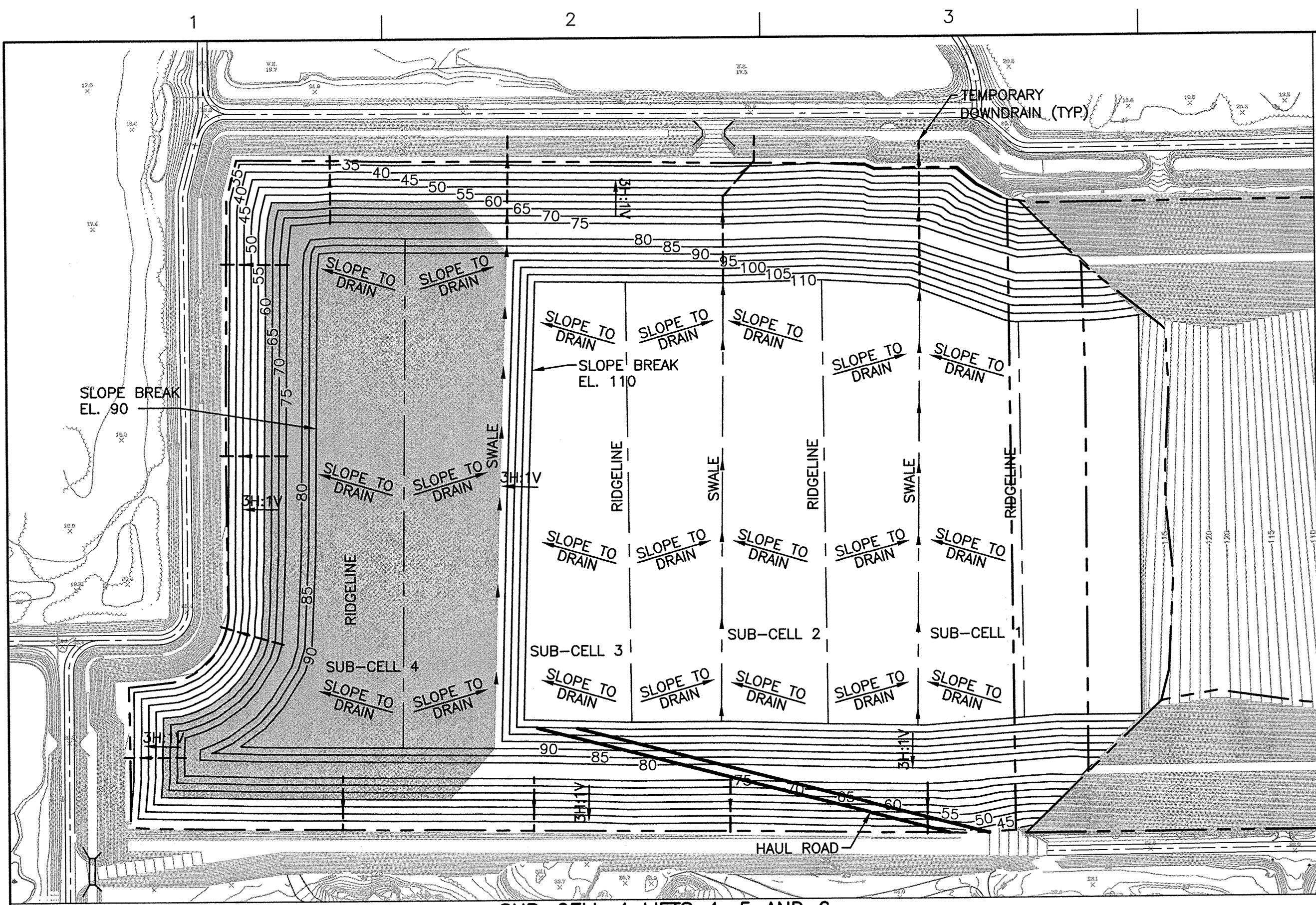
FLORIDA

LANDFILL STAGING PLAN

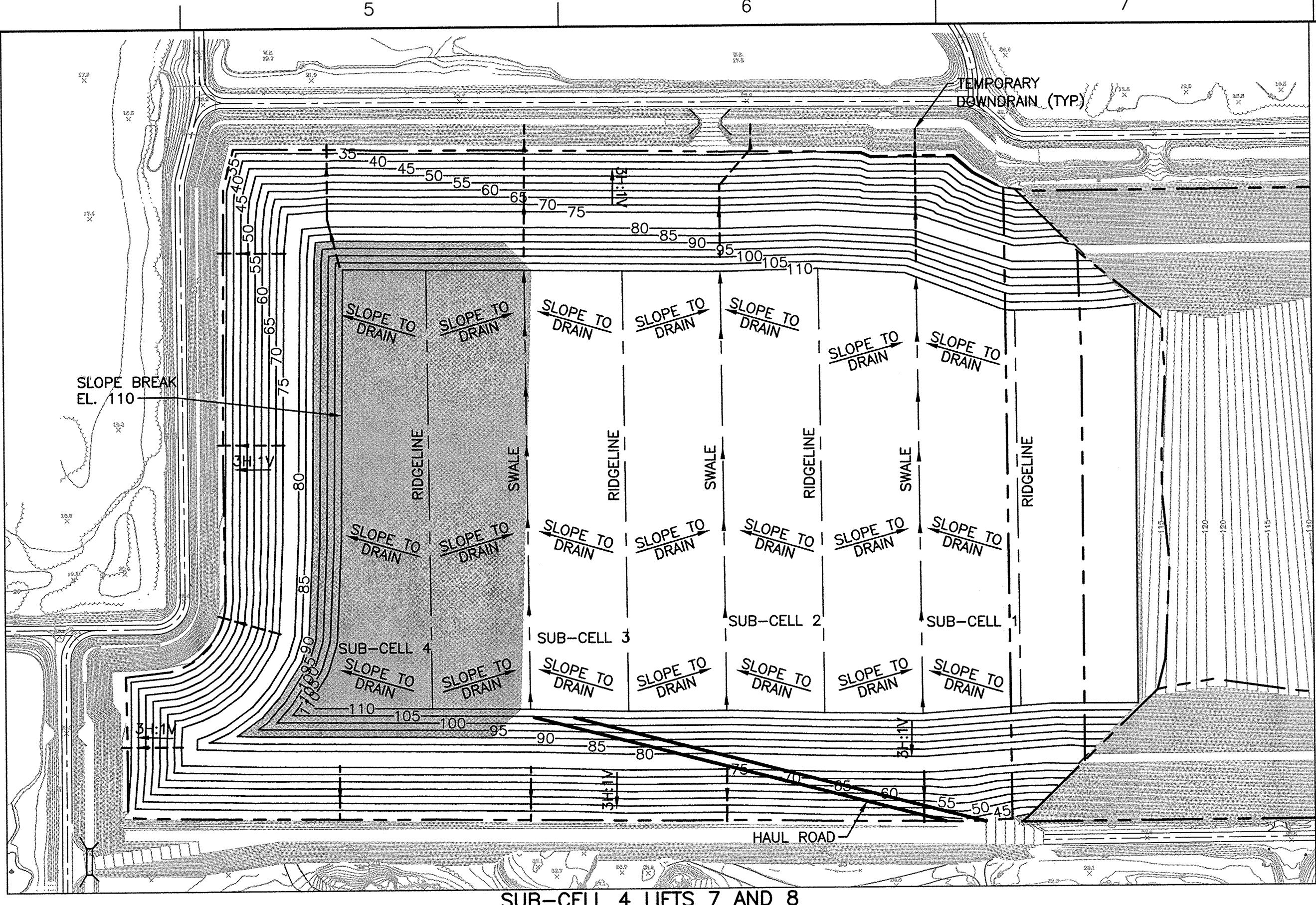
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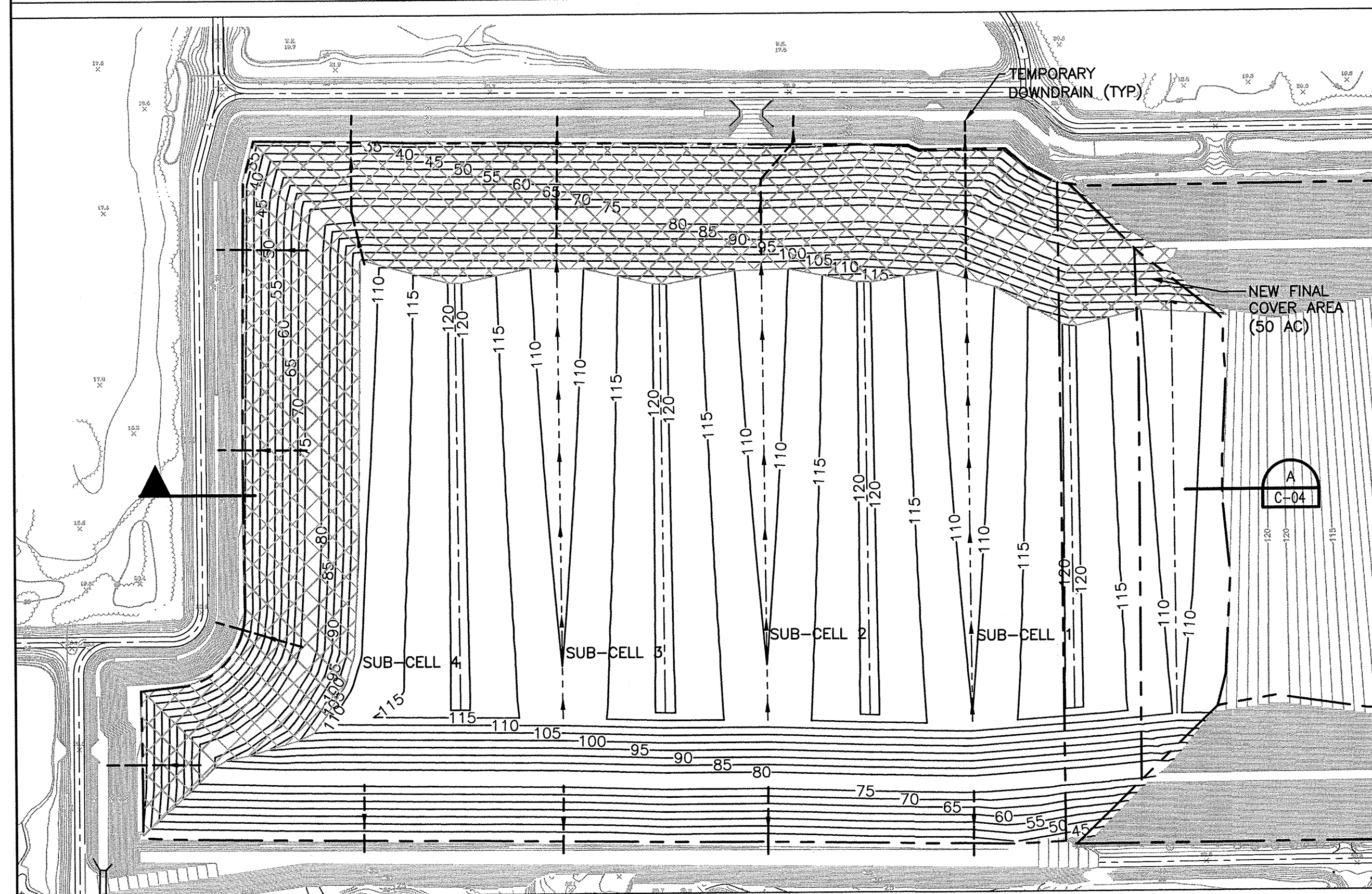
SHEET
C-02



SUB-CELL 4 LIFTS 4, 5 AND 6



SUB-CELL 4 LIFTS 7 AND 8



SUB-CELLS 1, 2, 3 AND 4 LIFT 9

NOTES:

1. CONTOURS WITHIN UNFILLED SUB-CELLS REPRESENT TOP OF PROTECTIVE COVER.
2. TYPICAL LIFT THICKNESS IS 10 FEET.
3. ALL STORMWATER THAT COMES IN CONTACT WITH WASTE WILL BE HANDLED AS LEACHATE AND WILL BE DIRECTED TO THE LEACHATE COLLECTION SYSTEM.
4. STORMWATER RUNOFF FROM PORTIONS OF LANDFILL WITH DAILY AND INTERMEDIATE COVER WILL BE DIRECTED TO PERIMETER DRAINAGE CHANNEL.
5. STAGING ASSUMES FINAL COVER WILL NOT BE PLACED ON SOUTH SLOPE OF PHASE II PENDING CONSTRUCTION OF PHASE III.
6. DUE TO THE LIMITED HEIGHT AND LARGE TOP DECK FOR PHASE II, SUFFICIENT ACREAGE TO MAKE IT PRACTICAL TO PARTIALLY CLOSE PHASE II WILL NOT OCCUR UNTIL APPROXIMATELY OCTOBER 2020.
7. LIFT PROGRESSION WILL ALTERNATE BETWEEN SOUTH TO NORTH AND THEN NORTH TO SOUTH ACROSS THE ENTIRE WIDTH OF THE LANDFILL SUB-CELL.
8. EXTERIOR FILL SEQUENCE CONTOURS REPRESENT FINAL COVER GRADES.
9. LOCATION OF TEMPORARY DOWNDRAINS ARE APPROXIMATE.

LEGEND

- EXISTING ELEVATION CONTOUR
- PROPOSED ELEVATION CONTOUR
- CHAIN LINK FENCE
- CENTER LINE OF ROAD
- SUB-CELL WASTE FILLING
- VEGETATION
- TEMPORARY DRAINAGE SWALE
- TEMPORARY RIDGE LINE
- TEMPORARY DOWNDRAIN
- AREA RECEIVING FINAL COVER

INCREMENTAL VOLUME

SUB-CELL 4	
LIFTS 4, 5 AND 6 -	536,143.23 CY
SUB-CELL 4	
LIFTS 7 AND 8 -	286,628.20 CY
SUB-CELLS 1, 2, 3 AND 4	
LIFT 9 -	252,219.87 CY

TOTAL VOLUME

5,900,204.34 CY

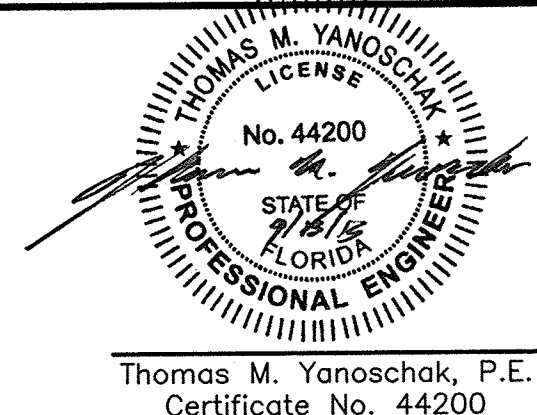
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Tampa, FL 33609-3444
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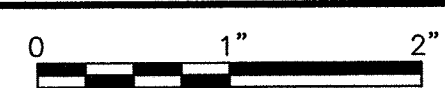
PROJECT MANAGER	T.M. YANOSCHAK
REVIEWED BY	R. SIEMERING
DRAWN BY	B. JOHNSON
PROJECT NUMBER	096-185625-002



Sarasota County

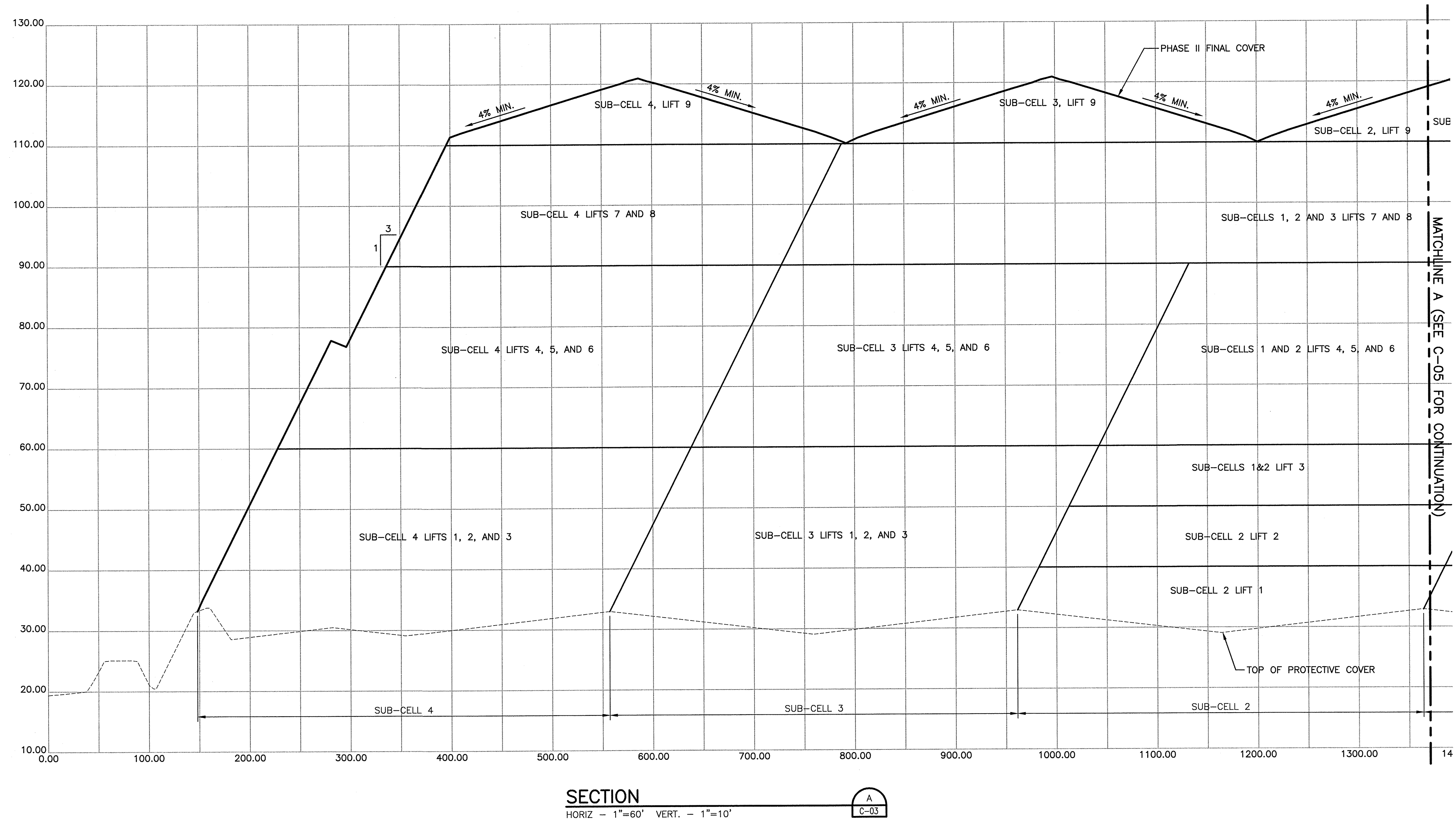
Central County Solid Waste
Disposal Complex
PHASE II CLASS I LANDFILL
STAGING PLANS
FLORIDA

LANDFILL STAGING PLAN



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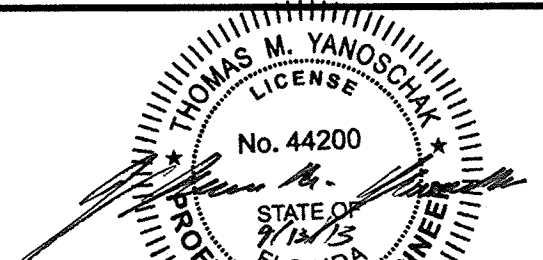
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PROJECT NUMBER	096-185625-002



Thomas M. Yanoschak, P.E.
Certificate No. 44200

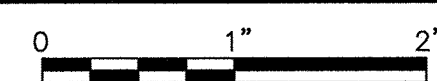
Sarasota County

Central County Solid Waste
Disposal Complex
PHASE II CLASS I LANDFILL
STAGING PLANS

SARASOTA COUNTY

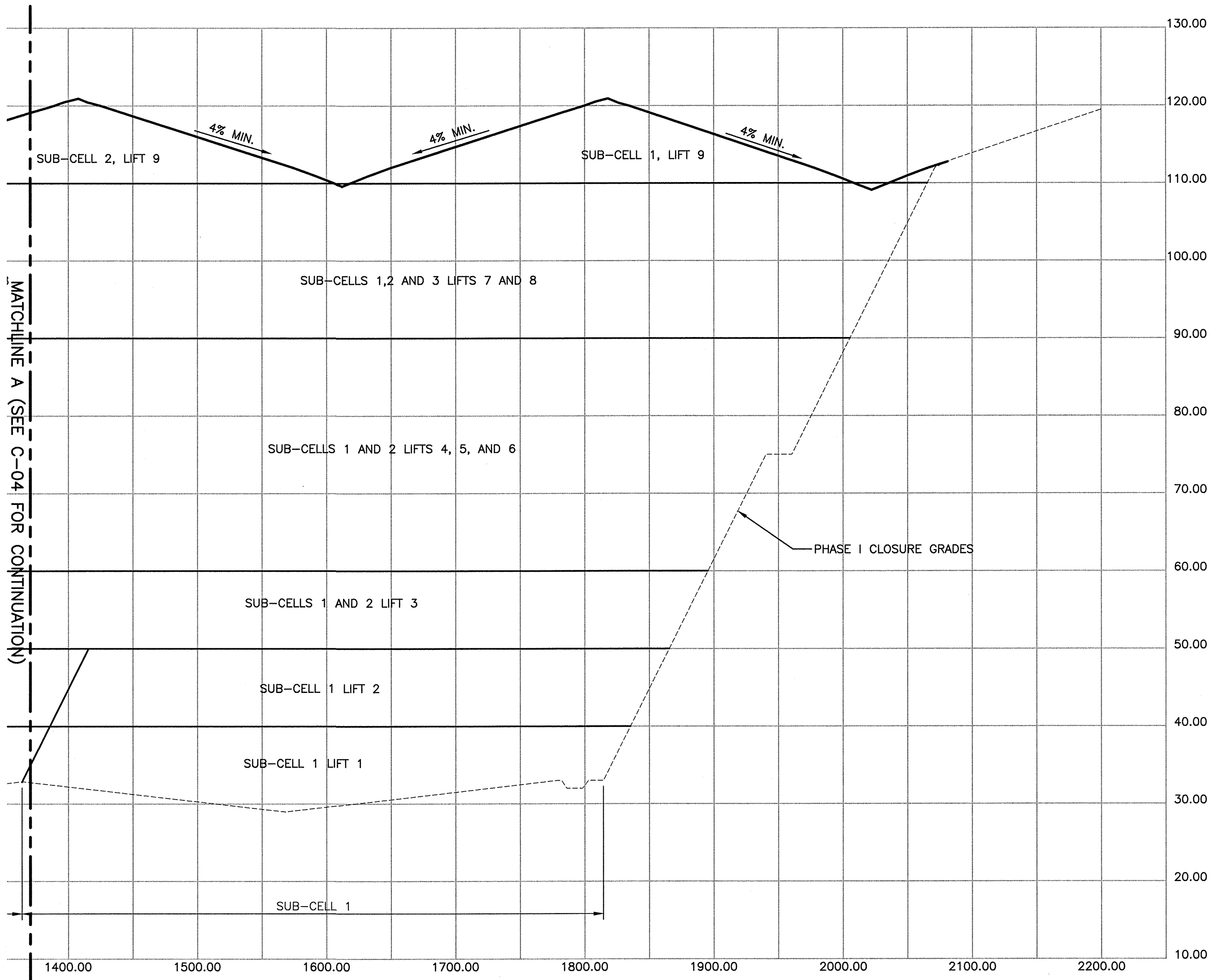
FLORIDA

LANDFILL STAGING SECTIONS



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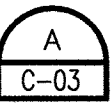


PROPOSED PHASE II FILL SEQUENCE

1. SUB-CELL 1 - LIFT 1
2. SUB-CELL 1 - LIFT 2
3. SUB-CELL 2 - LIFT 1
4. SUB-CELL 2 - LIFT 2
5. SUB-CELL 1 AND 2 - LIFT 3
6. SUB-CELLS 1 AND 2 - LIFT 4
7. SUB-CELLS 1 AND 2 - LIFT 5
8. SUB-CELLS 1 AND 2 - LIFT 6
9. SUB-CELL 3 - LIFT 1
10. SUB-CELL 3 - LIFT 2
11. SUB-CELL 3 - LIFT 3
12. SUB-CELL 3 - LIFT 4
13. SUB-CELL 3 - LIFT 5
14. SUB-CELL 3 - LIFT 6
15. SUB-CELLS 1, 2, AND 3 - LIFT 7
16. SUB-CELLS 1, 2, AND 3 - LIFT 8
17. SUB-CELL 4 - LIFT 1
18. SUB-CELL 4 - LIFT 2
19. SUB-CELL 4 - LIFT 3
20. SUB-CELL 4 - LIFT 4
21. SUB-CELL 4 - LIFT 5
22. SUB-CELL 4 - LIFT 6
23. SUB-CELL 4 - LIFT 7
24. SUB-CELL 4 - LIFT 8
25. SUB-CELLS 1, 2, 3, AND 4 - LIFT 9

SECTION (CONT.)

HORIZ - 1"=60' VERT. - 1"=10'



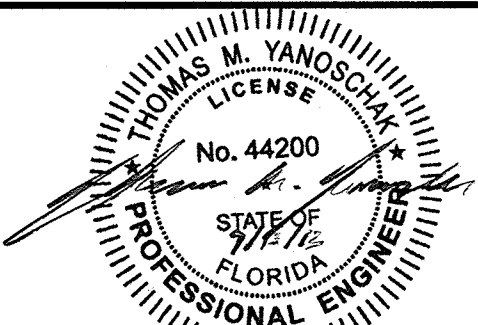
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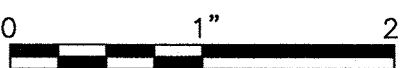


Central County Solid Waste
Disposal Complex
PHASE II CLASS I LANDFILL
STAGING PLANS

SARASOTA COUNTY

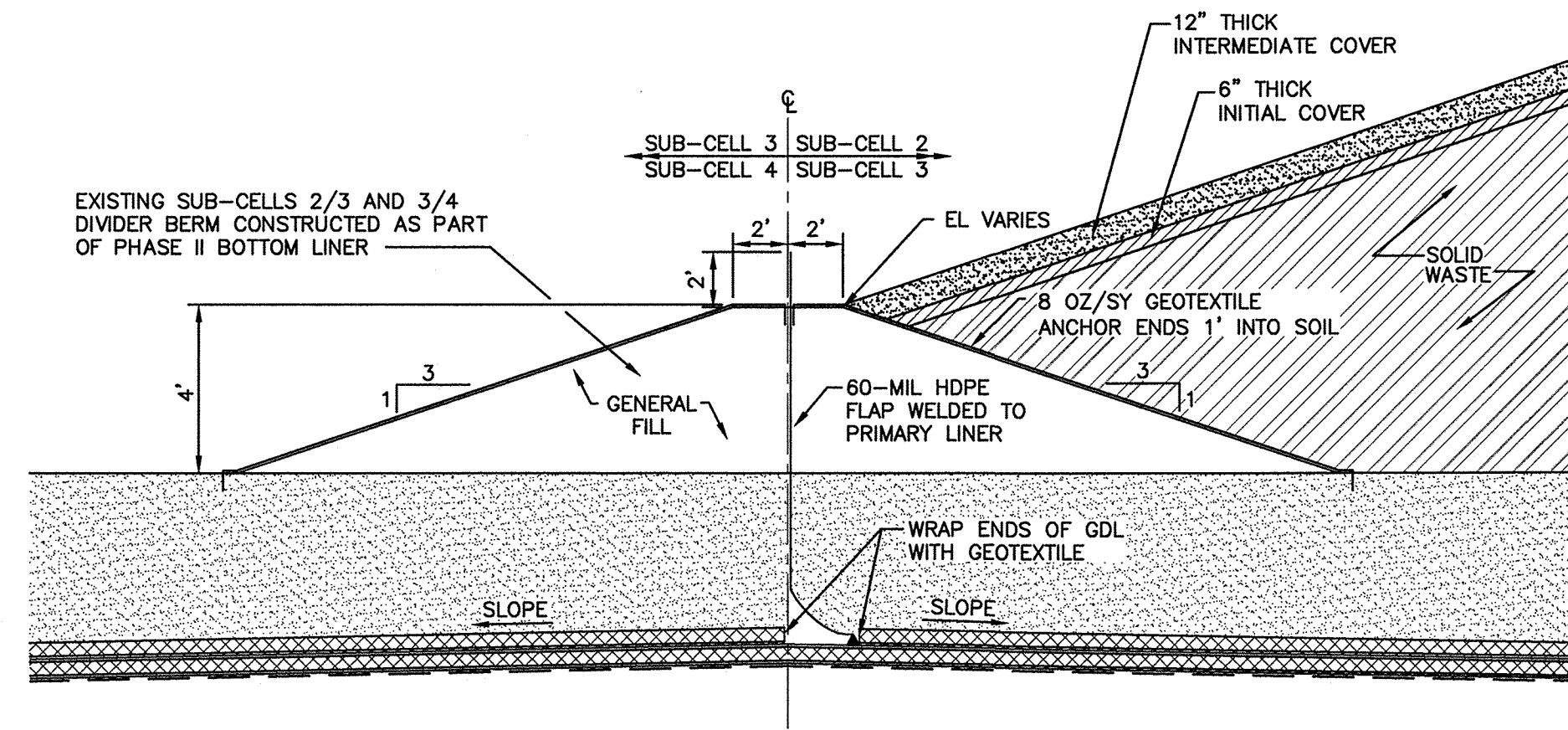
FLORIDA

LANDFILL STAGING SECTIONS



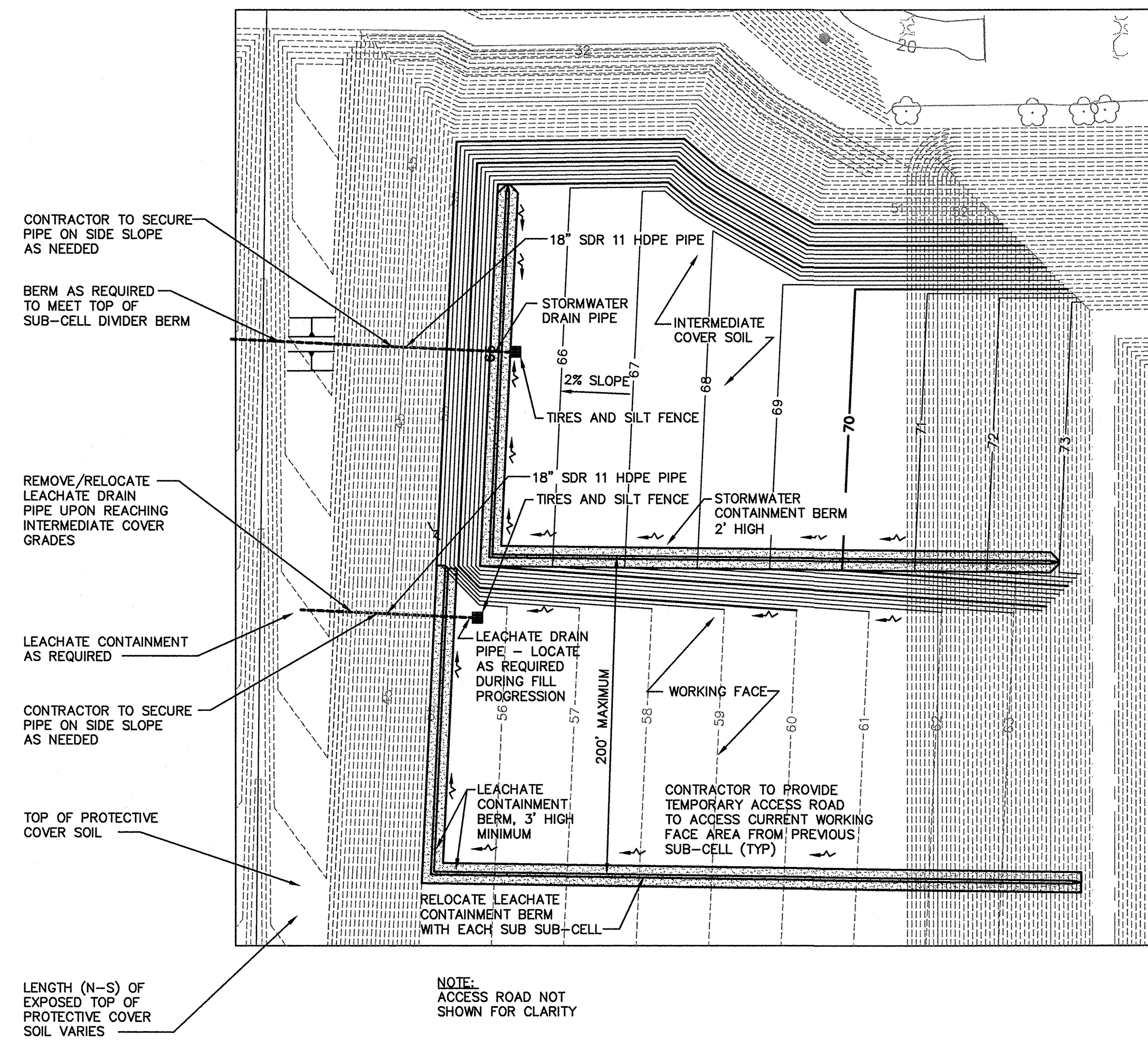
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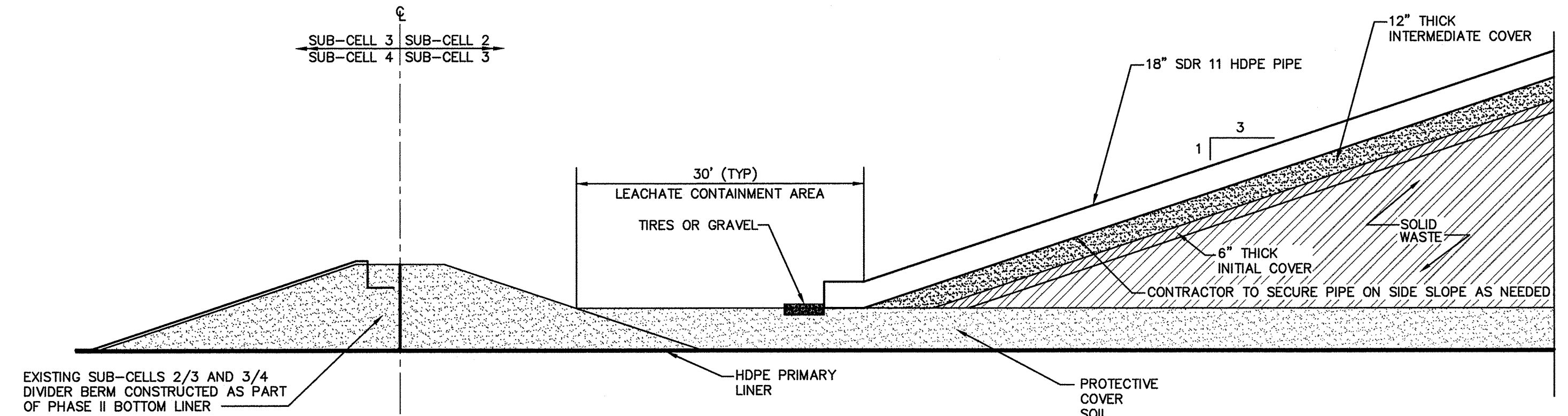
SUB-CELL DIVIDER BERM - NO LEACHATE CONTAINMENT AREA

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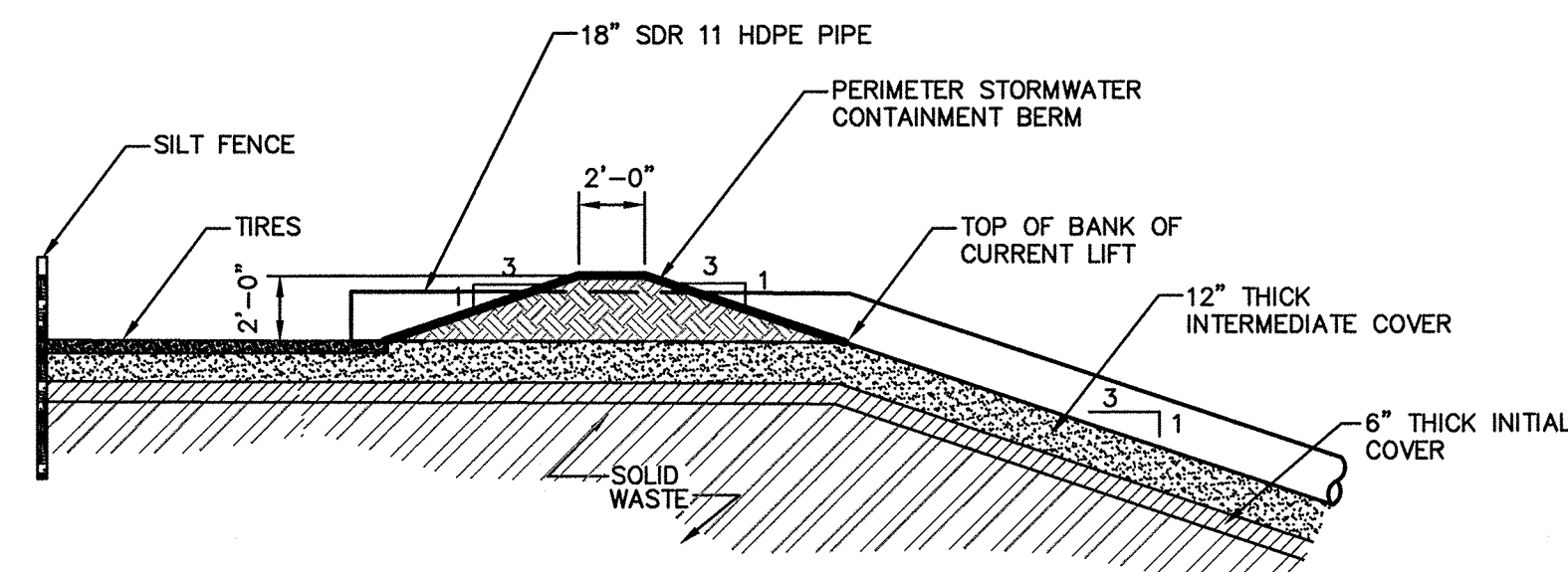
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NOTE:
USE OF THE LEACHATE CONTAINMENT AREA
WILL BE ON AN AS-NEEDED BASIS.

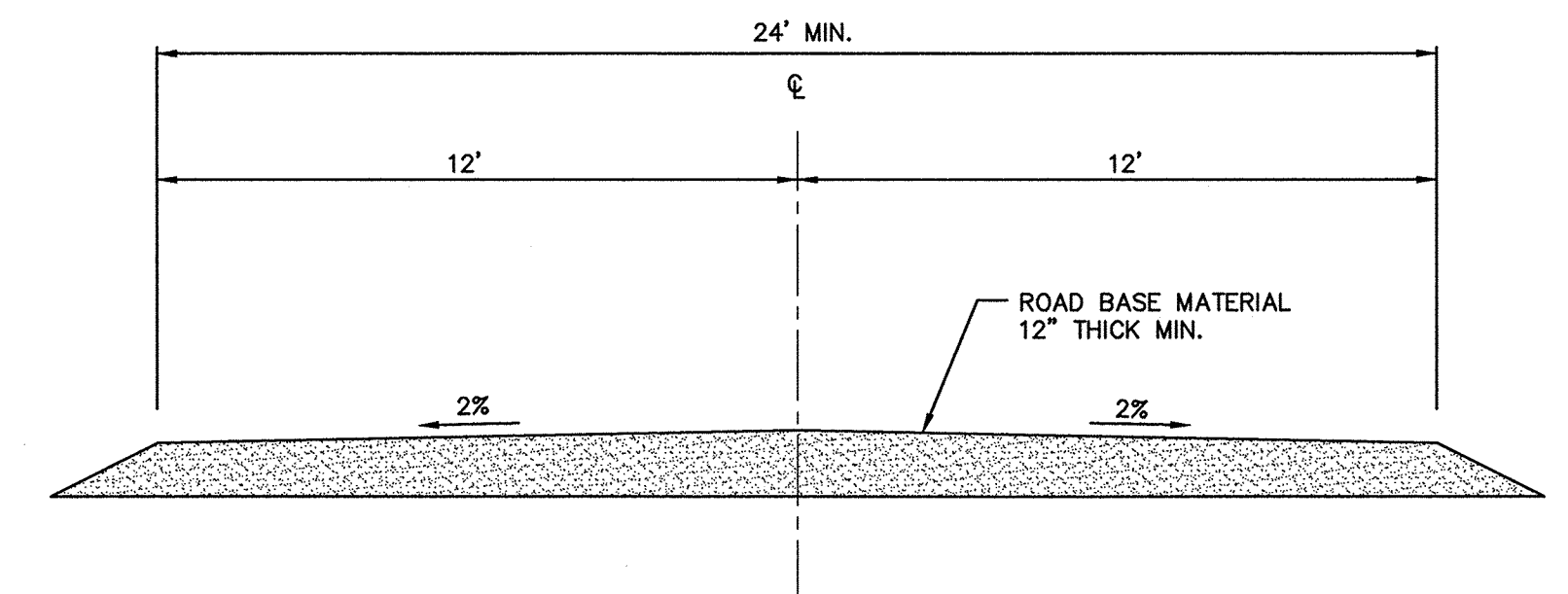
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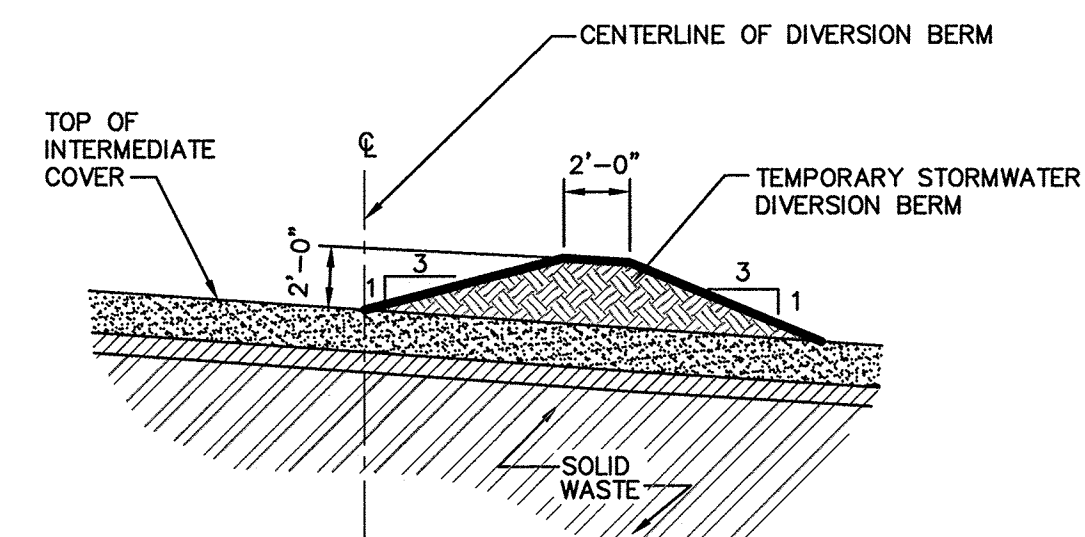
PERIMETER STORMWATER CONTAINMENT BERM

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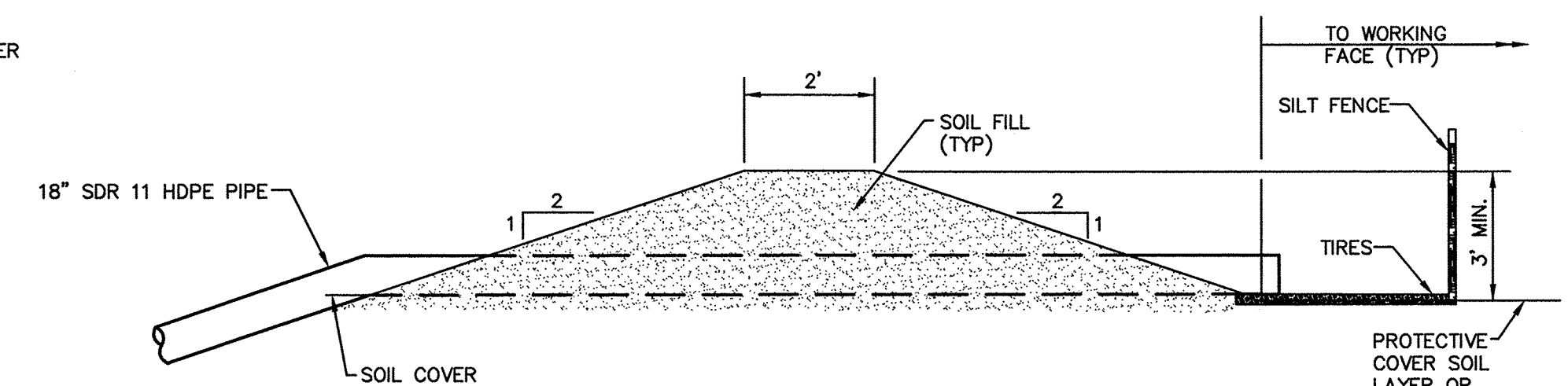
TYPICAL ACCESS ROAD

NOT TO SCALE



TEMPORARY STORMWATER DIVERSION BERM

NOT TO SCALE



TYPICAL LEACHATE CONTAINMENT BERM

NOT TO SCALE

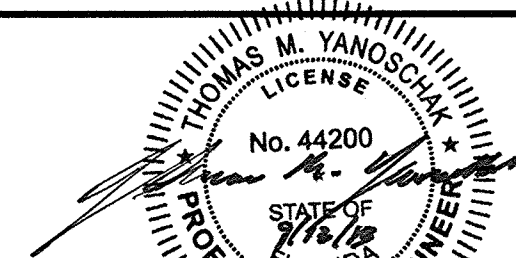
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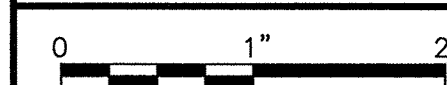
Thomas M. Yanoschak, P.E.
Certificate No. 44200



Central County Solid Waste Disposal Complex PHASE II CLASS I LANDFILL STAGING PLANS

SARASOTA COUNTY

FLORIDA



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SCALE	AS SHOWN

HEET

C-06