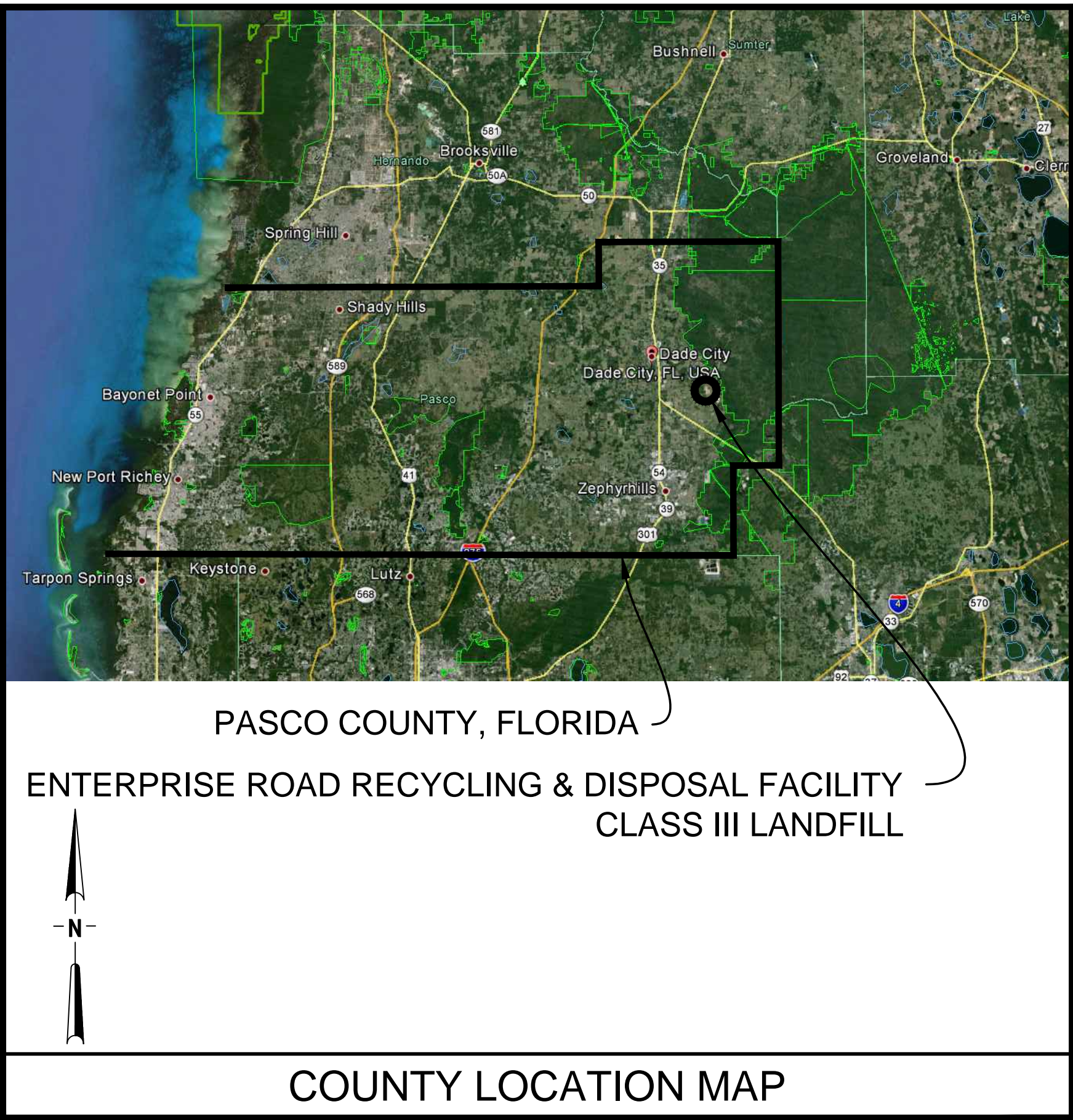


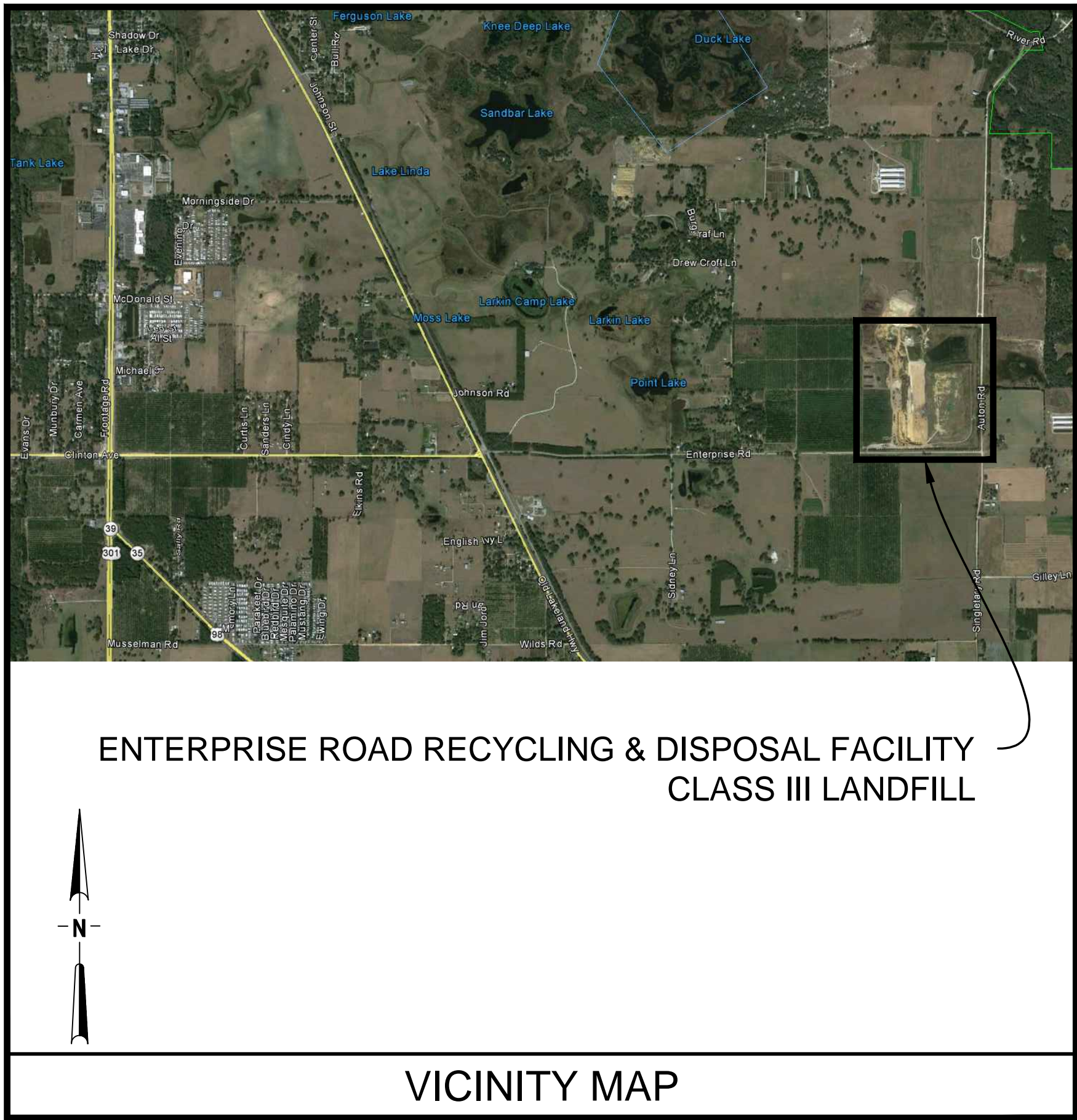
ENTERPRISE ROAD CLASS III LANDFILL RECYCLING & DISPOSAL FACILITY LANDFILL PERMIT MODIFICATION

LOCATED:
DADE CITY, PASCO COUNTY, FLORIDA

SUBMITTED TO:
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



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NO.	DATE	REVISION DESCRIPTION	BY	 <div>Locklear & Associates</div>		4140 NW 37th Place, Suite A Gainesville, Florida 32606 Phone: 352.672.6867 Fax: 352.692.5390 Certificate of Authorization No. 30066		PROJECT TITLE: PERMIT PLANS ENTERPRISE ROAD CLASS III RECYCLING & DISPOSAL FACILITY 2016 PERMIT MODIFICATION DADE CITY, PASCO COUNTY, FLORIDA		LISA J. BAKER FL PE NO. 74652		DESIGNED BY LIB DRAWN BY MAF CHECKED BY JDL APPROVED BY LIB		SHEET TITLE: COVER SHEET		PROJECT NO.: 02000-144-14 SCALE: AS SHOWN DATE: MARCH 2016 DRAWING: C0.00	
1	7/31/16	FDEP R.A.I. NO. 1 RESPONSE	LIB														
2	12/02/16	FDEP R.A.I. NO. 2 RESPONSE	LIB														
3	1/24/17	SUPPLEMENTAL INFORMATION FOR TOE DRAIN	LIB														
4	2/3/17	REVISED TOE DRAIN AND ADDED LEACHATE COLLECTION WETWELL	LIB														

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GENERAL NOTES

- 1. ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929, UNLESS OTHERWISE NOTED.
- 2. THE INFORMATION PROVIDED IN THESE PLANS IS SOLELY TO ASSIST THE PERMITTING AGENCY IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED AT THE SITE.
- 3. CONTRACTOR SHALL CERTIFY IN WRITING TO THE ENGINEER OF RECORD THE ACCURACY OF ALL SURVEY AND OTHER GRADING DATA PRIOR TO BEGINNING WORK.
- 4. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THERE MAY BE OTHER IMPROVEMENTS, UTILITIES, ETC. WHICH ARE WITHIN THE PROJECT AREA. THE CONTRACTOR SHALL VERIFY, PRIOR TO CONSTRUCTION, THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES (WHETHER OR NOT SHOWN ON THE PLANS) AFFECTING THE WORK.
- 5. CONTRACTOR SHALL TAKE WHATEVER MEANS NECESSARY TO PROTECT EXISTING PIPING, MONITORING WELLS/PIEZOMETERS FROM DAMAGE DURING CONSTRUCTION. CONTRACTOR SHALL REPAIR OR REPLACE PIPING, MONITORING WELLS/PIEZOMETERS DAMAGED DURING CONSTRUCTION WITH EQUIVALENT MATERIALS AND CONSTRUCTION METHODS AS APPROVED BY FACILITY OWNER AT NO ADDITIONAL COST TO THE OWNER.
- 6. FIELD CONDITIONS MAY NECESSITATE SLIGHT ALIGNMENT AND GRADE DEVIATION OF THE PROPOSED CONSTRUCTION TO AVOID OBSTACLES, AS ORDERED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
- 7. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH EXISTING PASCO COUNTY DESIGN AND CONSTRUCTION STANDARDS UNLESS THOSE STANDARDS CONFLICT WITH THESE CONTRACT DOCUMENTS IN WHICH CASE THESE CONTRACT DOCUMENTS SHALL GOVERN. SUCH CONFLICTS SHALL BE BROUGHT TO THE PROFESSIONAL'S ATTENTION IMMEDIATELY.
- 8. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH PREVAILING FEDERAL, STATE, LOCAL AND OTHER APPLICABLE REGULATIONS.
- 9. CONSTRUCTION MONUMENTS FOR VERTICAL AND HORIZONTAL CONTROL HAVE BEEN PROVIDED AT THE PROJECT SITE.
- 10. PRIOR TO BEGINNING EARTHWORK, THE CONTRACTOR SHALL PROVIDE STORMWATER AND EROSION CONTROL PLANS TO PREVENT PONDING AND CONTROL EROSION AND RUNOFF. NO PONDING OF WATER SHALL BE ALLOWED. THE CONTRACTOR SHALL USE WHATEVER MEANS NECESSARY TO PREVENT EROSION AND SHALL BE RESPONSIBLE FOR ALL WORK, INCLUDING PROVIDING EQUIPMENT, LABOR, FILL, ETC NECESSARY TO REMEDIATE AND/OR RESTORE ALL AREAS IMPACTED BY EROSION.
- 11. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BECOME FAMILIAR WITH THE OSHA EXCAVATION SAFETY STANDARDS AND TO ABIDE BY THEM.
- 12. THE CONTRACTOR SHALL PROVIDE ALL WARNING SIGNALS, SIGNS, LIGHTS, AND FLAG PERSON AS REQUIRED BY DOT IN THE "MANUAL ON TRAFFIC CONTROL & SAFE PRACTICES."
- 13. ALL PIPING SHALL HAVE MINIMUM COVER OF 24" UNLESS OTHERWISE NOTED.
- 14. WHERE IT IS NECESSARY TO DEFLECT PIPE EITHER HORIZONTALLY OR VERTICALLY, PIPE DEFLECTION SHALL NOT EXCEED 75% OF THE MANUFACTURER'S RECOMMENDED DEFLECTION ANGLE. MINIMUM PIPE RADIUS SHALL BE A MINIMUM OF 25% GREATER THAN THE MANUFACTURER'S RECOMMENDED MINIMUM RADIUS.
- 15. CONTAMINATED STORMWATER, DEWATERING DISCHARGE, LEACHATE, CONTAMINATED SOILS, OR EXCAVATED WASTE SHALL BE CONTAINED AND DISPOSED OF IN ACCORDANCE WITH THE LANDFILL OPERATIONS.
- 16. CONTRACTOR SHALL VERIFY ALL CLEARANCES PRIOR TO CONSTRUCTION.
- 17. THE CONTRACTOR SHALL MAINTAIN A CLEAR PATH FOR ALL SURFACE WATER DRAINAGE STRUCTURES AND DITCHES DURING ALL PHASES OF CONSTRUCTION AND SHALL UTILIZE WHATEVER MEANS NECESSARY TO MANAGE STORMWATER SUCH THAT IMPACT TO CONSTRUCTION IS MINIMIZED. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF DAMAGE DUE TO STORMWATER.
- 18. NO DISTURBANCE SHALL BE ALLOWED OUTSIDE OF THE AREAS SHOWN ON THE FINAL GRADING PLAN UNLESS APPROVED BY THE ENGINEER, OR SPECIFICALLY NOTED ON THE PLANS.
- 22. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ENVIRONMENTAL PROTECTION DURING THE LIFE OF THE CONTRACT. THE CONTRACTOR'S OPERATIONS SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS PERTAINING TO WATER, AIR, SOLID WASTE, HAZARDOUS WASTE MATERIALS, OILY SUBSTANCES, AND NOISE POLLUTION. THE CONTRACTOR SHALL IMPLEMENT EROSION AND SEDIMENTATION CONTROL MEASURES AS NECESSARY TO COMPLY WITH THESE REGULATIONS FOR BOTH TEMPORARY AND PERMANENT CONSTRUCTION.
- 23. THE CONTRACTOR SHALL COMPLY WITH ALL TERMS, CONDITIONS, AND REQUIREMENTS OF ALL APPLICABLE PERMITS, INCLUDING FDEP PERMITS FOR THE SITE.
- 24. THE CONTRACTOR SHALL REPLACE ALL EXISTING PAVING, LANDFILL COVER MATERIAL, ACCESS ROADS, PIPES, STABILIZED EARTH, FENCES, SIGNS AND OTHER IMPROVEMENTS WITH THE SAME TYPE OF MATERIAL THAT WAS REMOVED OR DAMAGED DURING CONSTRUCTION, AS A RESULT OF CONSTRUCTION, OR AS DIRECTED BY THE ENGINEER WITHOUT INCREASE IN THE CONTRACT PRICE OR TIME.
- 25. THE CONTRACTOR SHALL BE AWARE THAT THERE MAY BE SOME UTILITY CONFLICTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PROTECT ANY AND ALL EXISTING UTILITIES ON THIS PROJECT WITHOUT INCREASE IN THE CONTRACT PRICE OR TIME.
- 26. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICTS BETWEEN DRAWINGS AND ACTUAL CONDITIONS ARE DISCOVERED.
- 27. THE CONTRACTOR SHALL COMPLY WITH ALL TERMS, CONDITIONS, AND REQUIREMENTS OF ALL APPLICABLE PERMITS, INCLUDING FDEP AND WATER MANAGEMENT DISTRICT PERMITS FOR THE SITE.

GRADING NOTES

- 1. ALL AREAS WITHIN AND AROUND THE LIMITS OF CONSTRUCTION SHALL BE MAINTAINED AS NEEDED TO CONTROL EROSION DURING THE LENGTH OF THE PROJECT.
- 2. FILL ELEVATIONS SHALL BE SUCH THAT INTERMEDIATE AND FINAL COVER DESIGN ELEVATIONS SHALL BE ACHIEVED ON ALL SLOPES.



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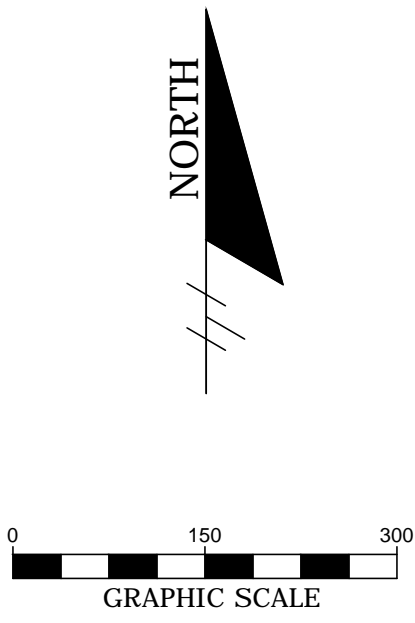
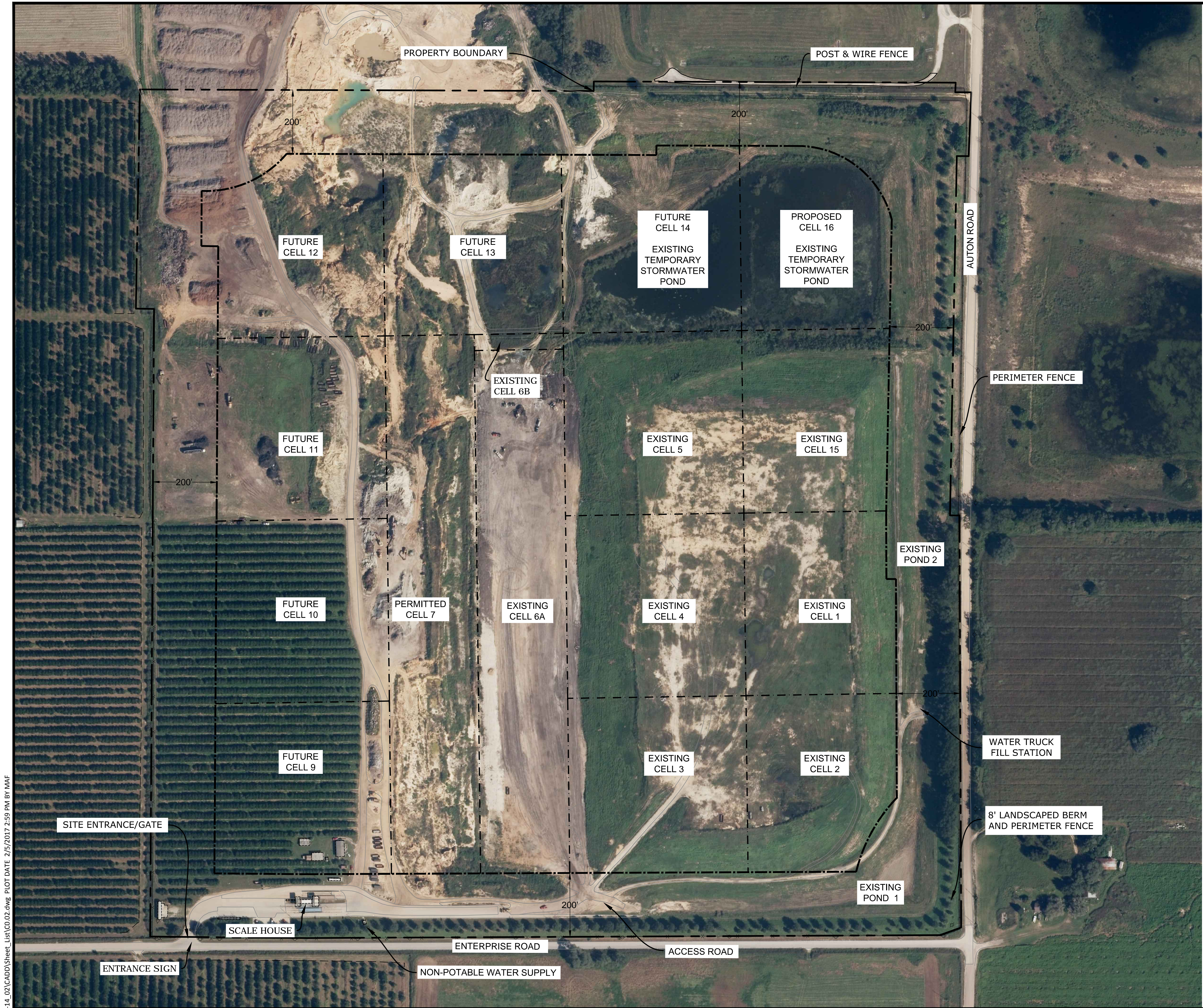
PROJECT TITLE:
PERMIT PLANS
ENTERPRISE ROAD CLASS III
RECYCLING & DISPOSAL FACILITY
2016 PERMIT MODIFICATION
DADE CITY, PASCO COUNTY, FLORIDA

LISA J. BAKER	DESIGNED BY	LJB
	DRAWN BY	MAF
	CHECKED BY	JDL
FL PE NO. 74652	APPROVED BY	LJB

SHEET TITLE:

GENERAL NOTES AND ABBREVIATIONS

PROJECT NO.:	02000-144-14
SCALE:	AS SHOWN
DATE:	MARCH 2016
DRAWING:	C0.01



LEGEND

- PERIMETER FENCE
- PROPERTY BOUNDARY
- LANDFILL FOOTPRINT (AT BUILD OUT)
- LANDFILL CELLS

NOTES:

- PROPERTY BOUNDARY SURVEY CONDUCTED BY SIMMONS & BEALL, INC. 3-30-2001, PROVIDED BY ANGELO'S AGGREGATE MATERIALS.
- CLASS III LANDFILL PERMITTED AND FUTURE CELL LAYOUT PER NOVEMBER 2006 ANGELO'S RECYCLED MATERIALS ENTERPRISE RECYCLING & DISPOSAL FACILITY (AS AMENDED FEBRUARY 2008 AND JANUARY 2010 BY JONES EDMUNDS, AS AMENDED MARCH 2013 BY KELNER ENGINEERING AND 2015 BY LOCKLEAR & ASSOCIATES).
- 2013 AERIAL PHOTOGRAPHY PER FLORIDA DEPARTMENT OF TRANSPORTATION WEBSITE.

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NO.	DATE	REVISION DESCRIPTION	BY
1	7/31/16	FDEP R.A.I. NO. 1 RESPONSE	LJB
2	12/02/16	FDEP R.A.I. NO. 2 RESPONSE	LJB
3	1/24/17	SUPPLEMENTAL INFORMATION FOR TOE DRAIN	LJB
4	2/3/17	REVISED TOE DRAIN AND ADDED LEACHATE COLLECTION WETWELL	LJB



Locklear
& Associates

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PROJECT TITLE:

PERMIT PLANS
ENTERPRISE ROAD CLASS III
RECYCLING & DISPOSAL FACILITY
2016 PERMIT MODIFICATION
DADE CITY, PASCO COUNTY, FLORIDA

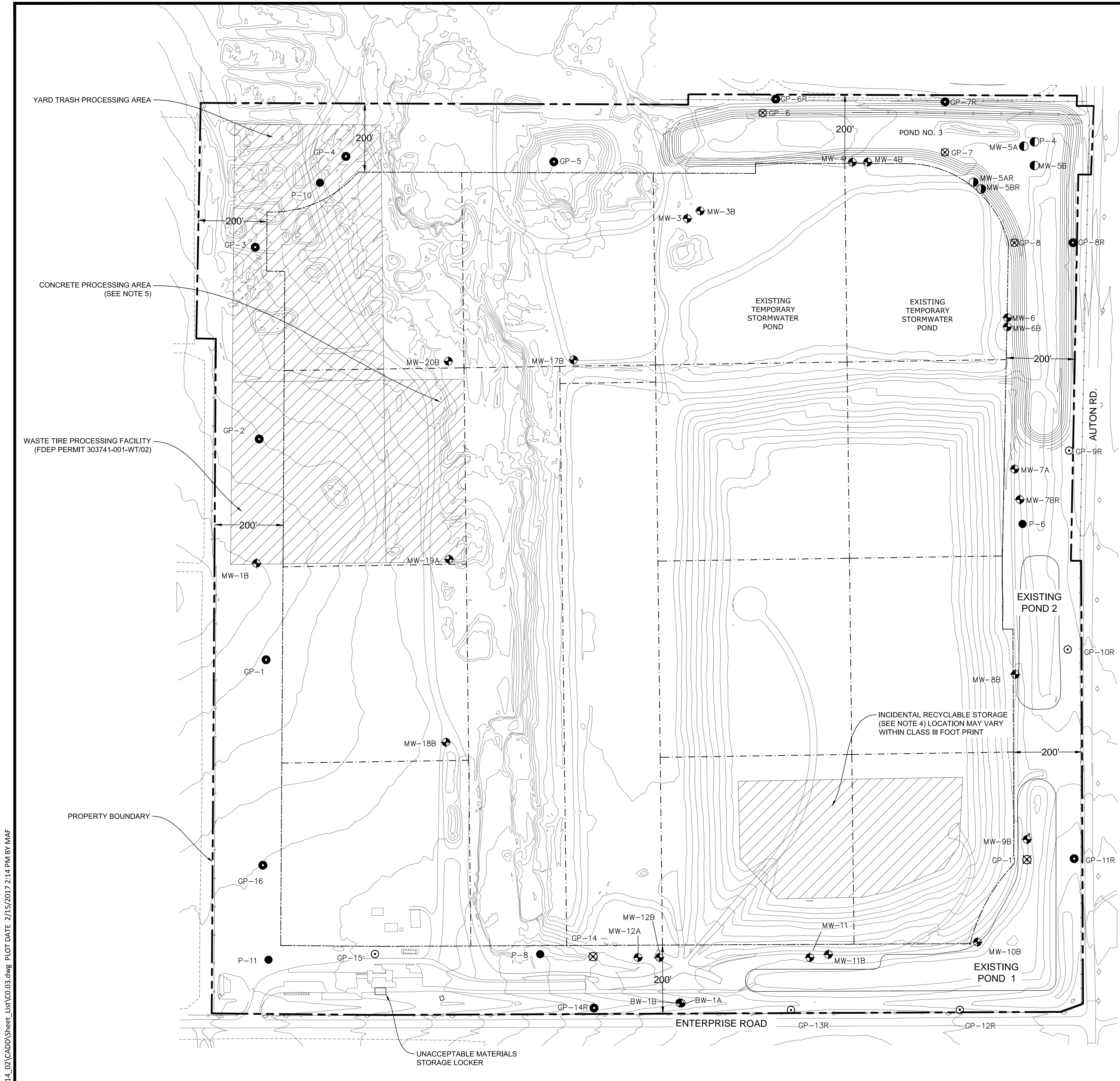
LISA J. BAKER	DESIGNED BY	LJB
	DRAWN BY	MAF
	CHECKED BY	JDL
FL PE NO. 74652	APPROVED BY	LJB

SHEET TITLE:

AERIAL SITE PLAN

PROJECT NO.:
02000-144-14
SCALE:
AS SHOWN
DATE:
MARCH 2016
DRAWING:
C0.02

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LEGEND

- PERIMETER FENCE
- PROPERTY BOUNDARY
- LANDFILL FOOTPRINT (AT BUILD OUT)
- LANDFILL CELLS
- EXISTING CONTOURS
- SPECIAL WASTE MANAGEMENT AREA

LEGEND

- MW-4B MONITORING WELL LOCATION
- MW-5A MONITORING WELL TO BE ABANDONED
- MW-5BR MONITORING WELL TO BE INSTALLED
- GP-1 GAS PROBE LOCATION
- GP-8 GAS PROBE TO BE ABANDONED
- GP-8R FUTURE GAS PROBE LOCATION
- P-11 PIEZOMETER WELL LOCATION
- MW-18B FUTURE MONITOR WELL LOCATION*

NOTES:

- PROPERTY BOUNDARY SURVEY CONDUCTED BY SIMMONS & BEALL, INC. 3-30-2001, PROVIDED BY ANGELO'S AGGREGATE MATERIALS.
- CLASS III LANDFILL PERMITTED AND FUTURE CELL LAYOUT PER NOVEMBER 2006 ANGELO'S RECYCLED MATERIALS ENTERPRISE RECYCLING & DISPOSAL FACILITY (AS AMENDED FEBRUARY 2008 AND JANUARY 2010 BY JONES EDMUNDS AND AMENDED MARCH 2013 BY KELNER ENGINEERING).
- TOPOGRAPHIC SURVEY BY PICKETT SURVEYING & PHOTOGRAMMETRY, DATED 11/11/13, UPDATED ON 12/31/13.
- TEMPORARY STORAGE OF UNACCEPTABLE MATERIALS AND INCIDENTAL RECYCLABLES WITHIN THE LANDFILL FOOTPRINT AND NEAR WORKING FACE MAY BE PROVIDED AS FOLLOWS:

TYPE	MAX. QTY	STORAGE
INCIDENTAL RECYCLABLES		
FERROUS METAL	500 CY	ROLL-OFF OR PILE
ALUMINUM	300 CY	ROLL-OFF OR PILE
STAINLESS STEEL	300 CY	ROLL-OFF OR PILE
COPPER	25 CY	TRASH PAIL, ROLL-OFF OR PILE
ASPHALT	300 CY	ROLL-OFF OR PILE
CONCRETE / RUBBLE	300 CY	ROLL-OFF OR PILE
ELECTRONICS	8 CY	COVERED DUMPSTER
UNACCEPTABLE MATERIALS		
PAINT, BATTERIES, SOLVENTS, ELECTRONICS, OILS, ETC.	40 CY	ROLL-OFF OR PILE AT WORKING FACE, REMOVED DAILY TO STORAGE LOCKER
CLASS I WASTE	20 CY	COVERED DUMPSTERS

- CONCRETE PROCESSING AREA WILL BE RELOCATED WHEN EXCAVATION OPERATIONS MOVE TO THIS AREA.

NO.	DATE	REVISION DESCRIPTION	BY
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4	2/3/17	REVISED TOE DRAIN AND ADDED LEACHATE COLLECTION WETWELL	LJB

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PROJECT TITLE:
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RECYCLING & DISPOSAL FACILITY
2016 PERMIT MODIFICATION
DADE CITY, PASCO COUNTY, FLORIDA**

LISA J. BAKER	DESIGNED BY	LJB
	DRAWN BY	MAF
	CHECKED BY	JDL
FL PE NO. 74652	APPROVED BY	LJB

SHEET TITLE:
SITE PLAN

PROJECT NO.:
02000-144-14
SCALE:
AS SHOWN
DATE:
MARCH 2016
DRAWING:
C0.03

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1	7/31/16	FDEP R.A.I. NO. 1 RESPONSE	LJB
2	12/02/16	FDEP R.A.I. NO. 2 RESPONSE	LJB
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4	2/3/17	REVISED TOE DRAIN AND ADDED LEACHATE COLLECTION WETWELL	LJB



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RECYCLING & DISPOSAL FACILITY
2016 PERMIT MODIFICATION
DADE CITY, PASCO COUNTY, FLORIDA**

LISA J. BAKER	DESIGNED BY	LJB
	DRAWN BY	MAF
	CHECKED BY	JDL
FL PE NO. 74652	APPROVED BY	LJB

SHEET TITLE:
CELL FLOOR GRADING PLAN

PROJECT NO.:
02000-144-14
SCALE:
AS SHOWN
DATE:
MARCH 2016
DRAWING:
C0.04

STORM SEWER STRUCTURE TABLE

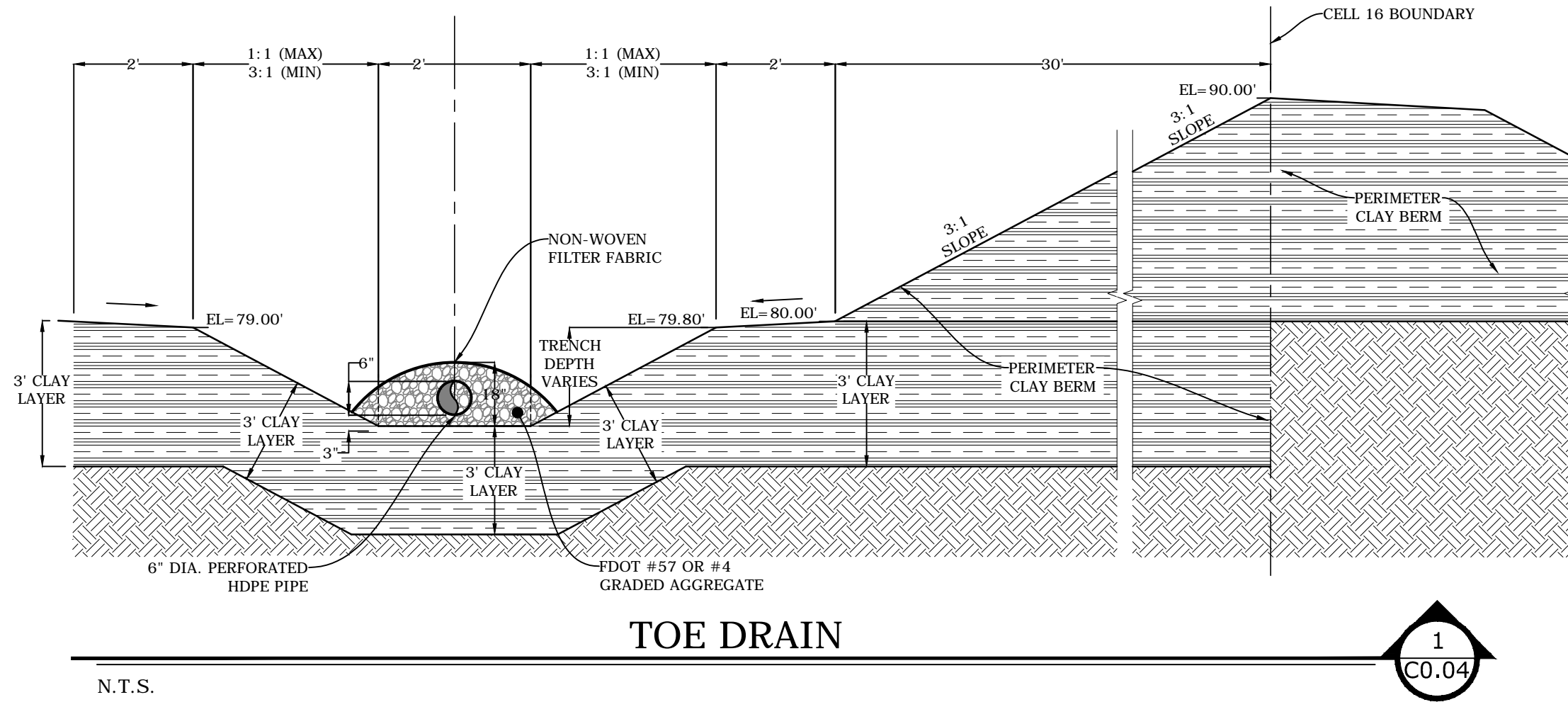
STRUCTURE NAME:	DETAILS:	NORTHING	EASTING
STORM SEWER STM - 1	LEACHATE COLLECTION WETWELL (SEE DETAIL ON C4.00) FINISH GRADE RIM EL = 91.92' INV IN = 74.98' 6" SDR 17 HDPE SOLID PIPE SUMP EL = 72.00' INV OUT = 88.50' 4" SCH 40 PVC FORCE MAIN	1,454,654.80	613,925.38
STORM SEWER STM - 2	6" CLEANOUT FINISH GRADE RIM EL = 80.00' INV OUT = 76.12' 6" SDR 17 HDPE PERFORATED PIPE	1,454,655.37	613,546.73

LEGEND

	PERIMETER FENCE
	PROPERTY BOUNDARY
	LANDFILL FOOTPRINT (AT BUILD OUT)
	LANDFILL CELLS
	EXISTING CLAY LAYER CONTOURS
	PROPOSED CLAY LAYER CONTOURS
	DIRECTIONAL FLOW ARROW
	FLOOR GRADING CLAY AREA (SHADED)

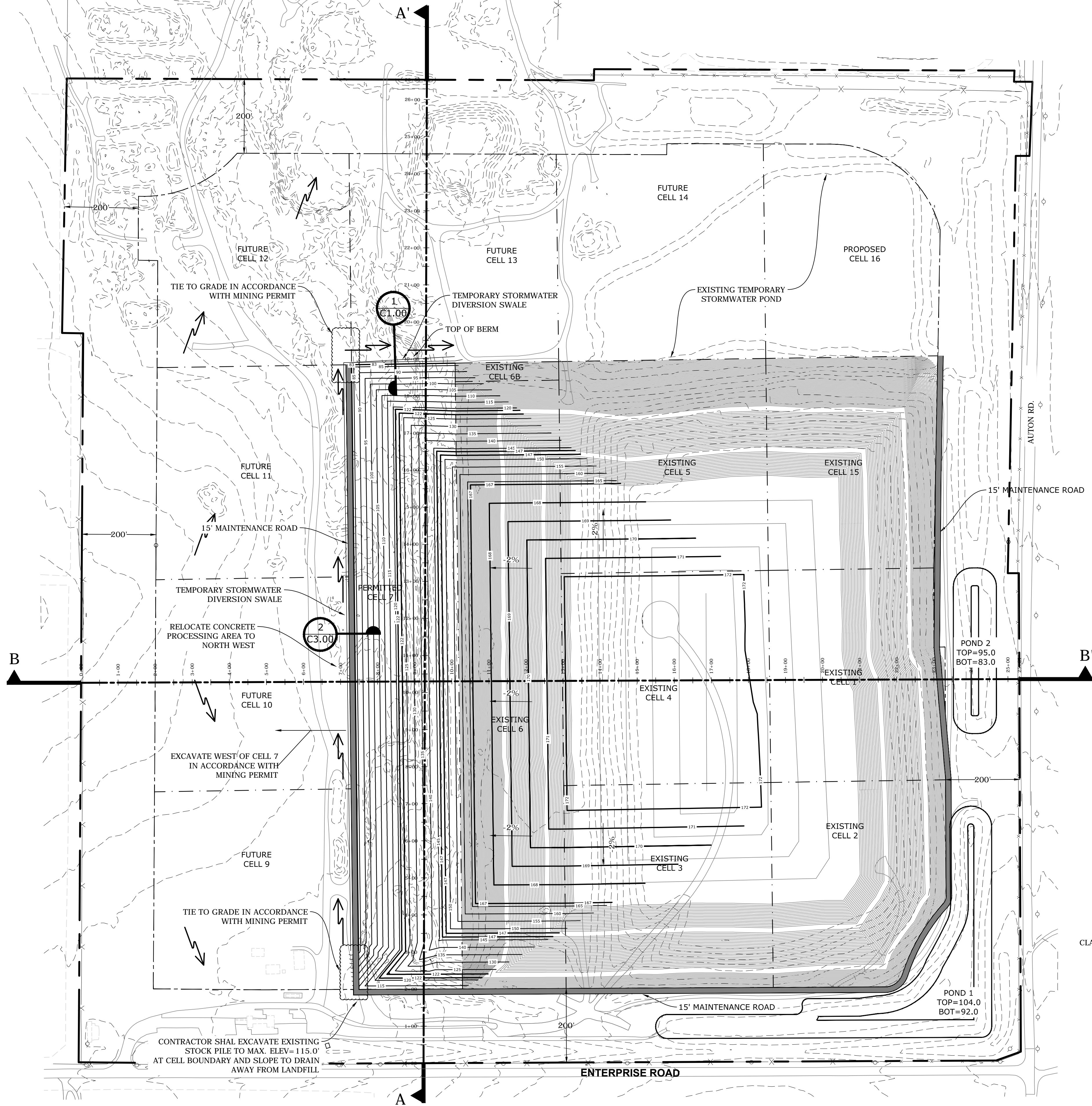
NOTES:

- PROPOSED CONTOURS REPRESENT THE TOP OF CLAY (3' BARRIER LAYER) ELEVATION.
- TOPOGRAPHIC SURVEY BY PICKETT SURVEYING & PHOTOGRAMMETRY, DATED 11/11/2013.
- PHASE 1 - CONSTRUCTION OF CELL 7 FLOOR GRADING PLAN (PREVIOUSLY PERMITTED, CONSTRUCTION IN PROGRESS).
- PHASE 2 - CONSTRUCTION OF CELL 16 FLOOR GRADING PLAN AND POND NO. 3 GRADING PLAN.
- PHASE 2 - TEMPORARY STORMWATER DIVERSION SWALE. CONTRACTOR SHALL GRADE TEMPORARY SWALE FOR POSITIVE DRAINAGE TOWARD EXISTING TEMPORARY STORMWATER POND. TEMPORARY SWALE SHALL BE REMOVED AND FILLED WITH CLAY ONCE INITIAL WASTE LIFT REACHES THE SWALE FROM THE NORTH.



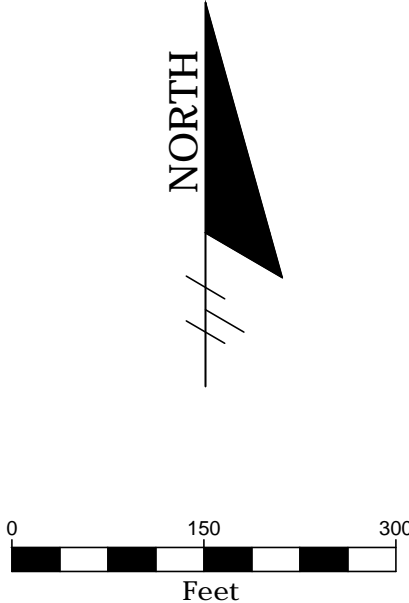
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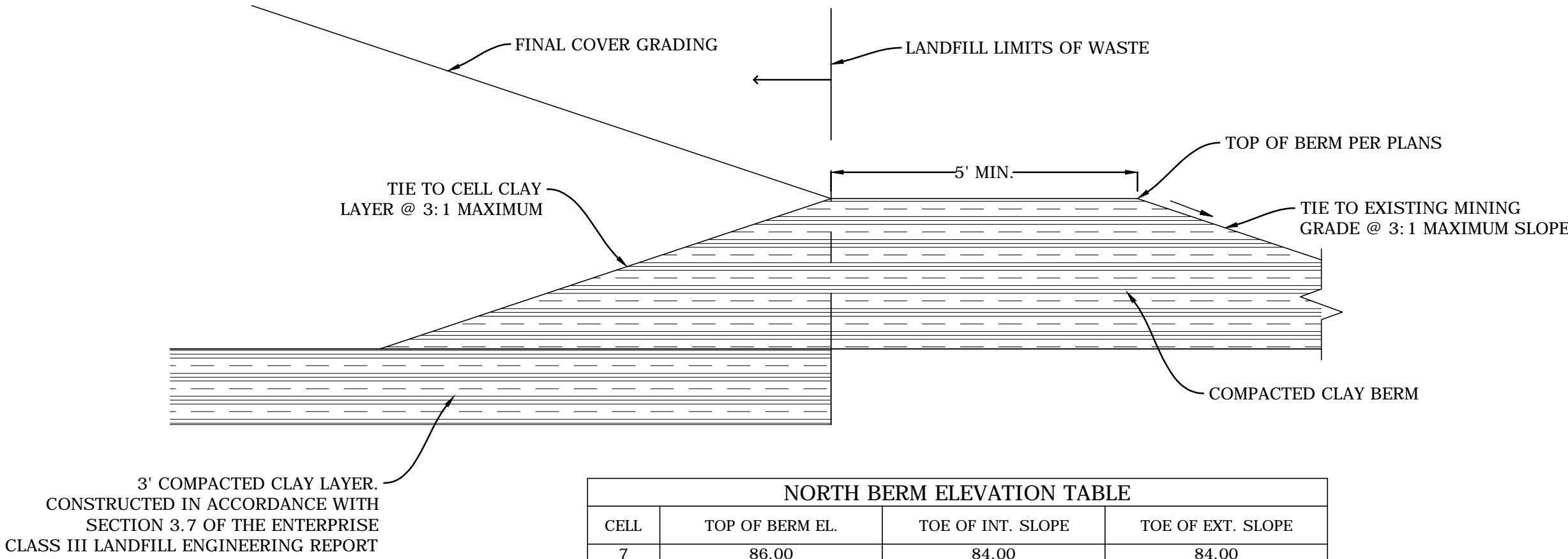
LEGEND

- PERIMETER FENCE
- PROPERTY BOUNDARY
- LANDFILL FOOTPRINT (AT BUILD OUT)
- LANDFILL CELLS
- EXISTING CONTOURS
- DIRECTIONAL FLOW ARROW
- CROSS SECTION STATIONS



NOTES:

- CONTOURS REPRESENT TOP OF WASTE. FILL ELEVATIONS SHALL BE SUCH THAT FINAL COVER DESIGN ELEVATIONS SHALL BE ACHIEVED ON ALL SLOPES.
- TOPOGRAPHIC SURVEY BY PICKETT SURVEYING & PHOTOGRAMMETRY, DATED 11/11/13, UPDATED ON 12/31/13.
- PRIOR TO WASTE BEING DISPOSED IN CELL 7, BACKFILL THE CELL 6 TEMPORARY DIVERSION SWALE WITH COMPACTED CLAY TO DRAIN TO EAST.
- CELL 7 CLAY LAYER TO BE CONSTRUCTED IN ACCORDANCE WITH SECTION 3.7 OF ENTERPRISE CLASS III LANDFILL ENGINEERING REPORT.



NORTH BERM ELEVATION TABLE			
CELL	TOP OF BERM EL.	TOE OF INT. SLOPE	TOE OF EXT. SLOPE
7	86.00	84.00	84.00

PROPOSED CELL 7 NORTH BERM DETAIL
PHASE SEQUENCE 1

1
C1.00

SCALE: N.T.S.



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DADE CITY, PASCO COUNTY, FLORIDA

LISA J. BAKER

DESIGNED BY

LIB

DRAWN BY

MAF

CHECKED BY

JDL

APPROVED BY

LIB

SHEET TITLE:

PHASING PLAN SEQUENCE NO. 1

PROJECT NO.:
02000-144-14
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DATE:
MARCH 2016
DRAWING:
C1.00

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PROJECT NO.:	02000-144-14
SCALE:	AS SHOWN
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DADE CITY, PASCO COUNTY, FLORIDA

LISA J. BAKER

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LIB

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FL PE NO. 74652

APPROVED BY

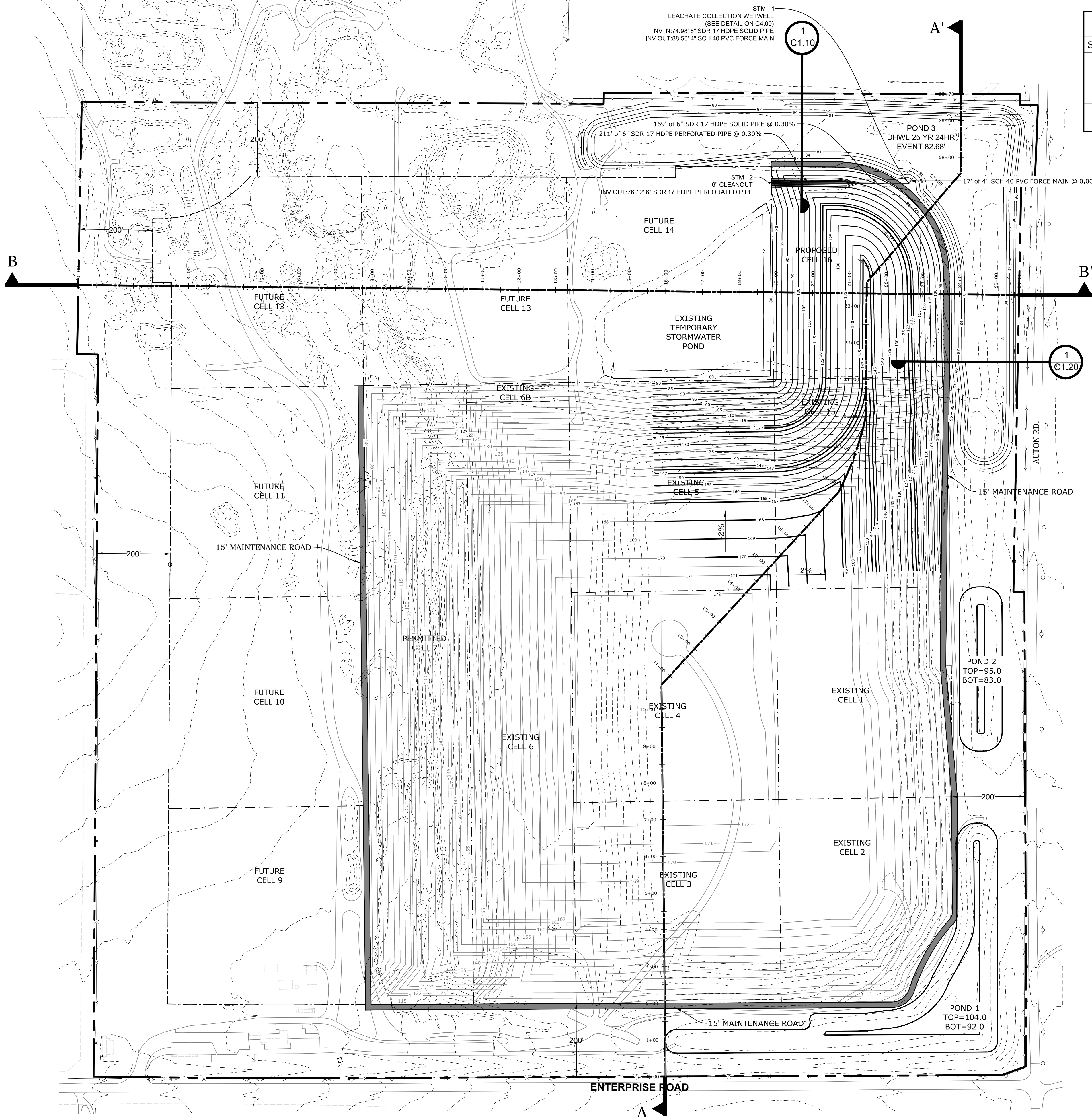
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SHEET TITLE:

PHASING PLAN SEQUENCE NO. 2

PROJECT NO.:
02000-144-14
SCALE:
AS SHOWN
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C1.10

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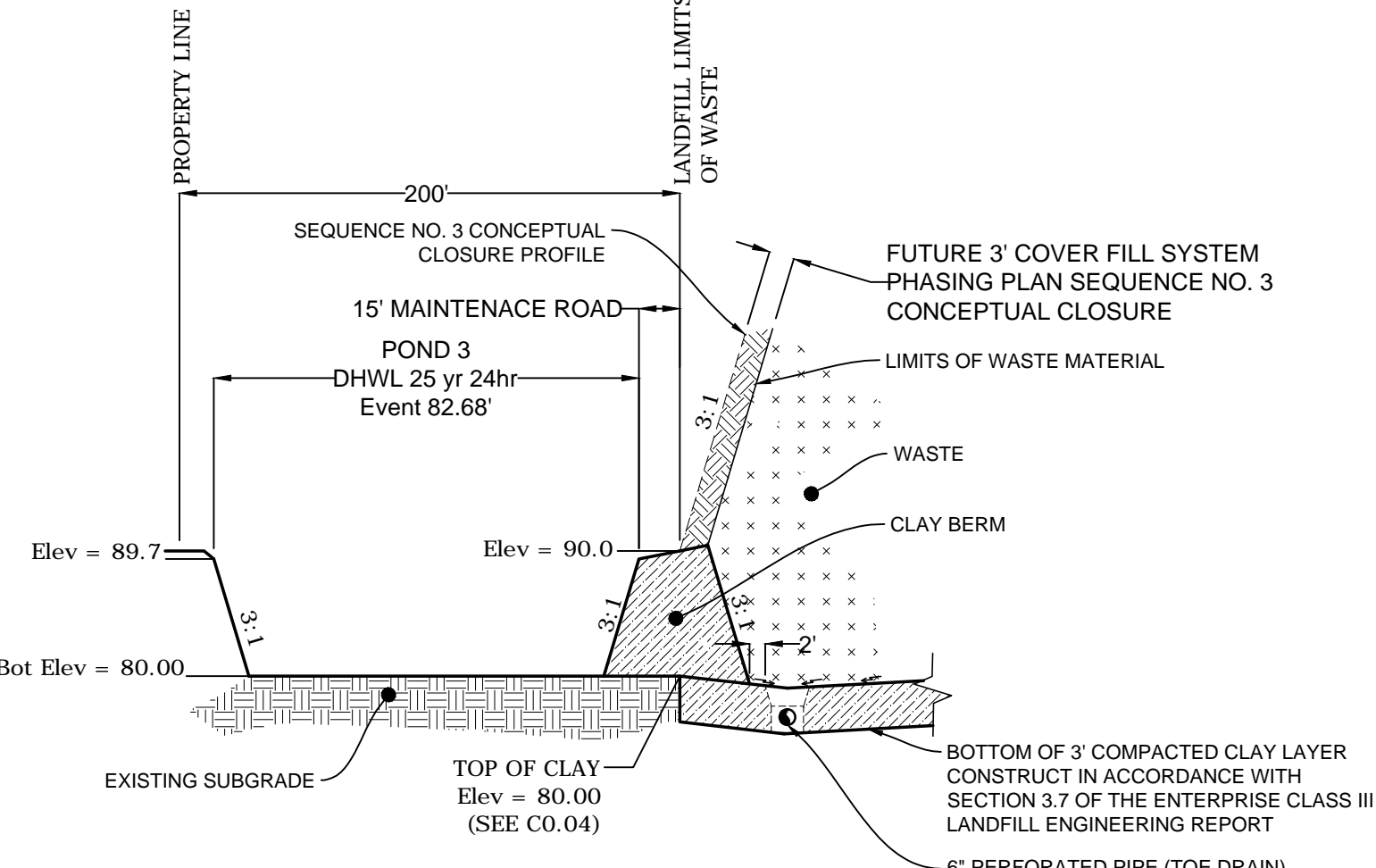
STORM SEWER STRUCTURE TABLE			
STRUCTURE NAME:	DETAILS:	NORTHING	EASTING
STORM SEWER STM - 1	LEACHATE COLLECTION WETWELL (SEE DETAIL ON C4.00)	1,454,654.80	613,925.38
	FINISH GRADE RIM EL = 91.92'		
	INV IN = 74.98' 6" SDR 17 HDPE SOLID PIPE SUMP EL = 72.00' INV OUT = 88.50' 4" SCH 40 PVC FORCE MAIN		
STORM SEWER STM - 2	6" CLEANOUT FINISH GRADE RIM EL = 80.00' INV OUT = 76.12' 6" SDR 17 HDPE PERFORATED PIPE	1,454,655.37	613,546.73

LEGEND

— X — X —	PERIMETER FENCE
— — — — —	PROPERTY BOUNDARY
— — — — —	LANDFILL FOOTPRINT (AT BUILD OUT)
— — — — —	LANDFILL CELLS
— — — — —	EXISTING CONTOURS
10+00	CROSS SECTION STATIONS

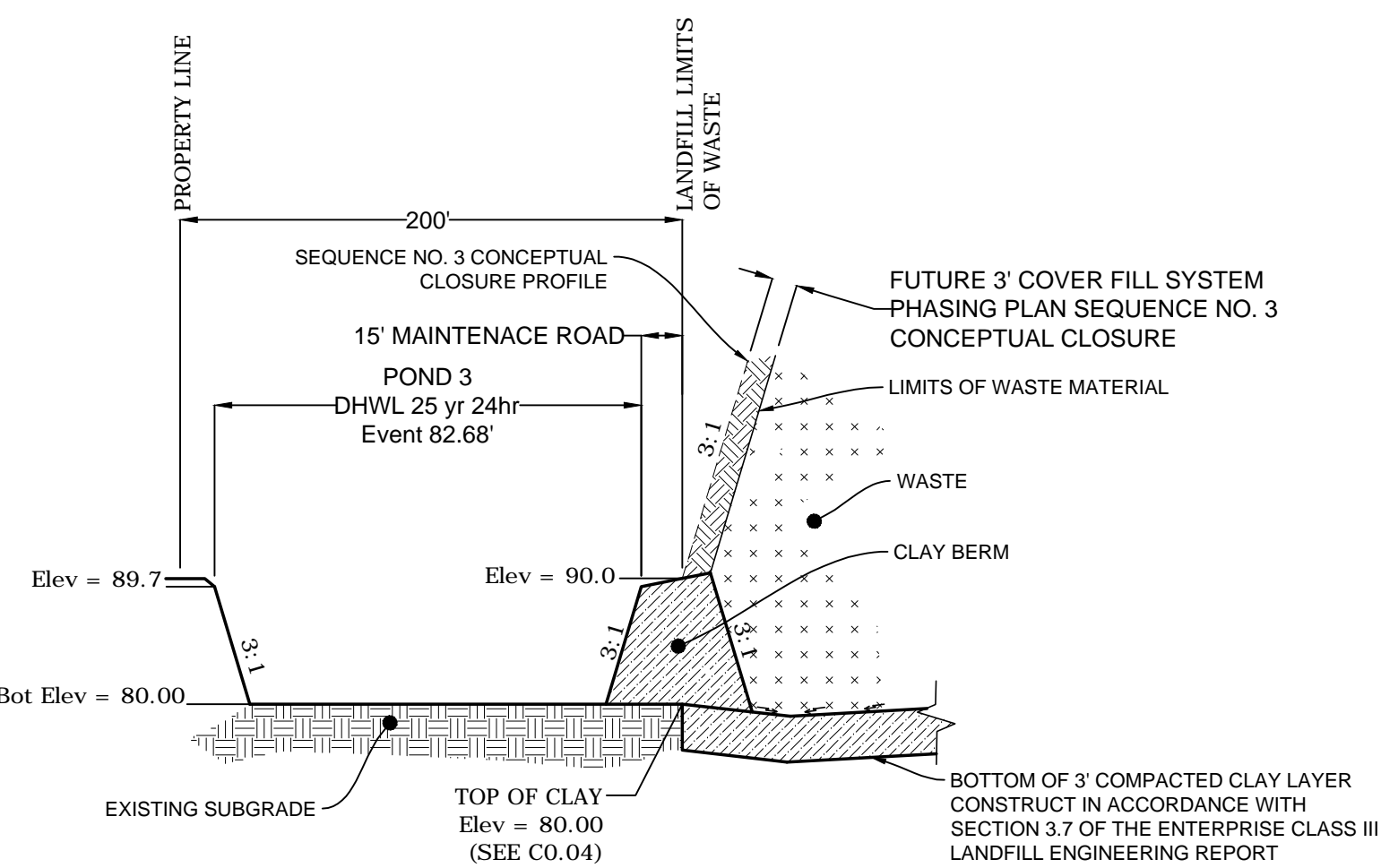
NOTES:

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PROPOSED NORTH BERM DETAIL CELL 16
(SEQUENCE NO. 2)

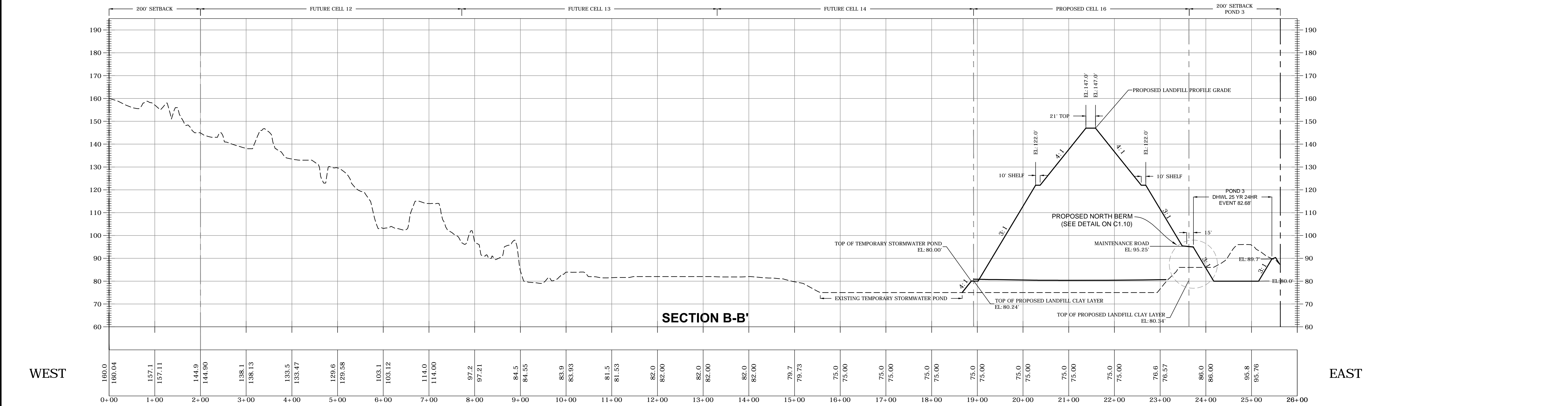
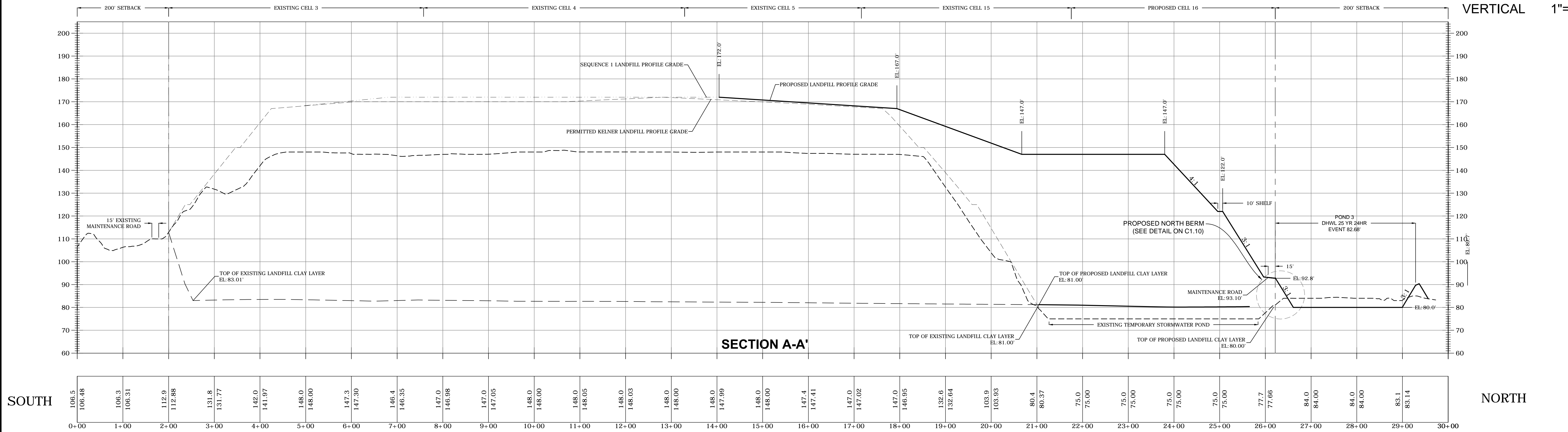
1
C1.10 SCALE: N.T.S.



PROPOSED EAST BERM DETAIL CELL 16
(SEQUENCE NO. 2)

1
C1.20 SCALE: N.T.S.

SCALES:
HORIZONTAL 1"=100'
VERTICAL 1"= 20'



NO.	DATE	REVISION DESCRIPTION	BY
1	7/31/16	FDEP R.A.I. NO. 1 RESPONSE	LJB
2	12/02/16	FDEP R.A.I. NO. 2 RESPONSE	LJB
3	1/24/17	SUPPLEMENTAL INFORMATION FOR TOE DRAIN	LJB
4	2/3/17	REVISED TOE DRAIN AND ADDED LEACHATE COLLECTION WETWELL	LJB

	Locklear & Associates
4140 NW 37th Place, Suite A	
Gainesville, Florida 32606	
Phone: 352.672.6867 Fax: 352.692.5390	
Certificate of Authorization No. 30066	

PROJECT TITLE:		
PERMIT PLANS		
ENTERPRISE ROAD CLASS III		
RECYCLING & DISPOSAL FACILITY		
2016 PERMIT MODIFICATION		
DADE CITY, PASCO COUNTY, FLORIDA		

LISA J. BAKER	DESIGNED BY	LJB
	DRAWN BY	MAF
	CHECKED BY	JDL
FL PE NO. 74652	APPROVED BY	LJB

SHEET TITLE:	
PHASING PLAN SEQUENCE NO. 2 SECTIONS	

PROJECT NO.: 02000-144-14
SCALE: AS SHOWN
DATE: MARCH 2016
DRAWING: C1.11

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NO.	DATE	REVISION DESCRIPTION	BY
1	7/31/16	FDEP R.A.I. NO. 1 RESPONSE	LIB
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RECYCLING & DISPOSAL FACILITY
2016 PERMIT MODIFICATION
DADE CITY, PASCO COUNTY, FLORIDA**

LISA J. BAKER

DESIGNED BY LIB

DRAWN BY MAF

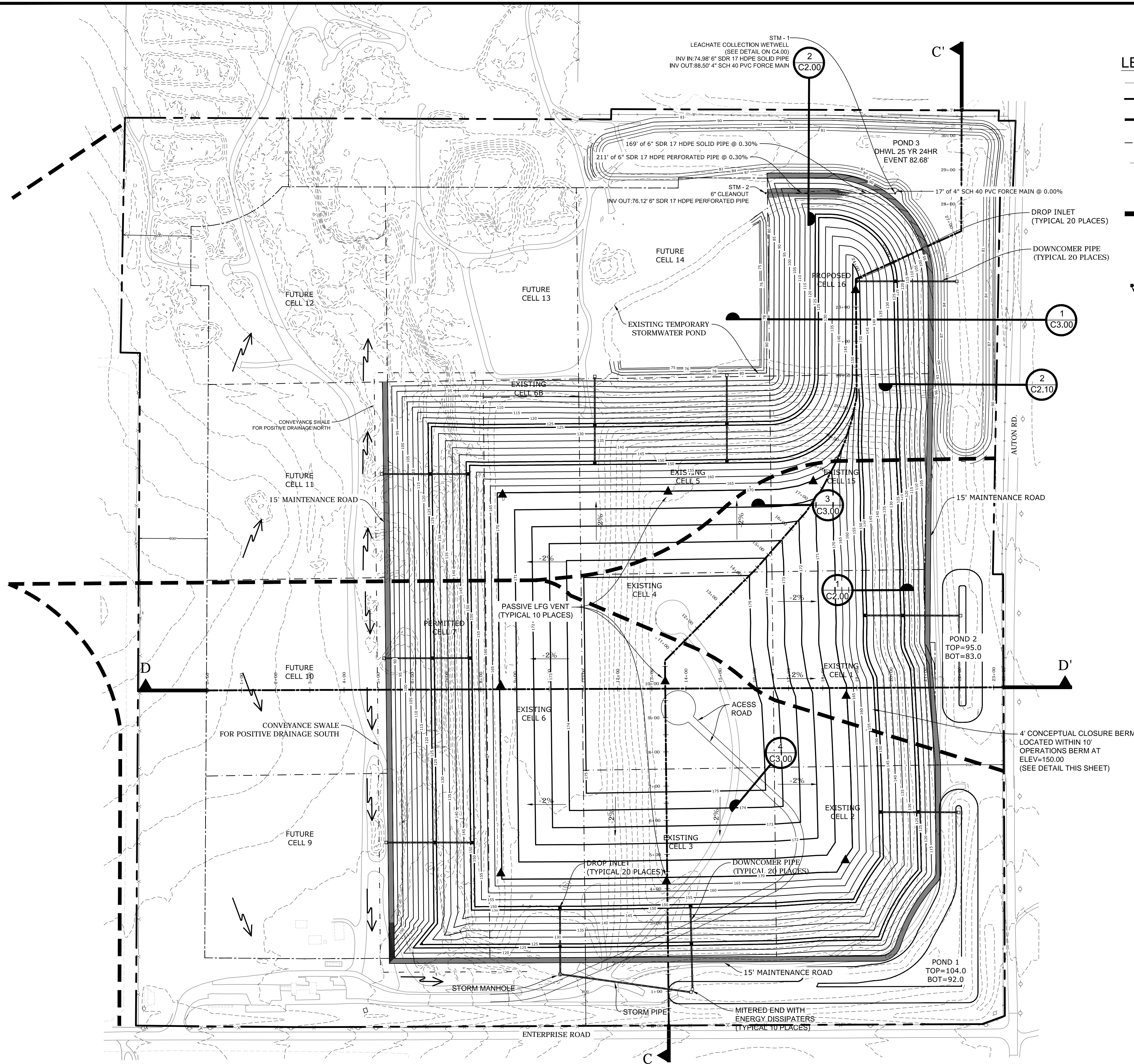
CHECKED BY JDL

FL PE NO. 74652

APPROVED BY LIB

SHEET TITLE:
**PHASING PLAN SEQUENCE NO. 3 CONCEPTUAL
CLOSURE**

PROJECT NO.:
02000-144-14
SCALE:
AS SHOWN
DATE:
MARCH 2016
DRAWING:
C2.00

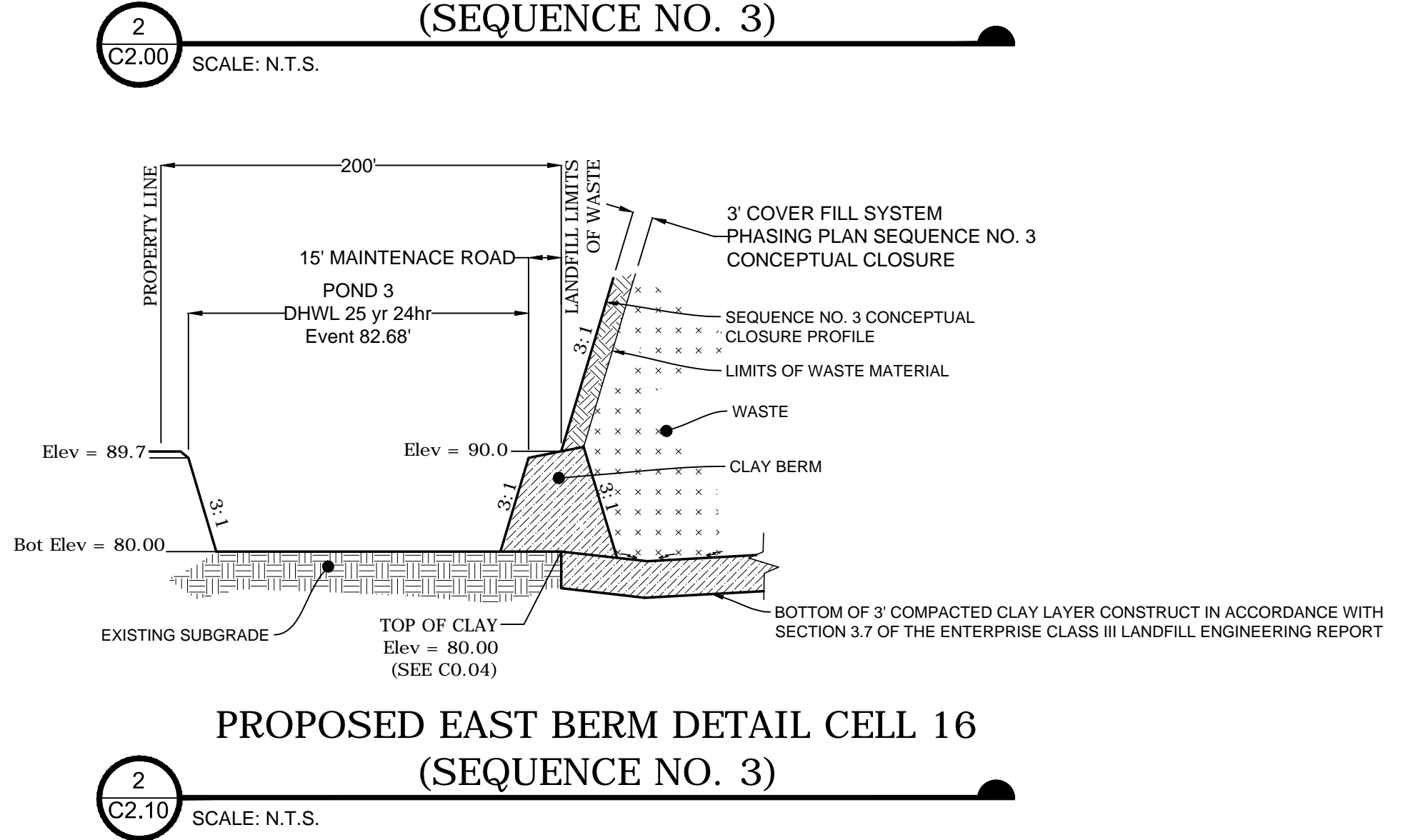
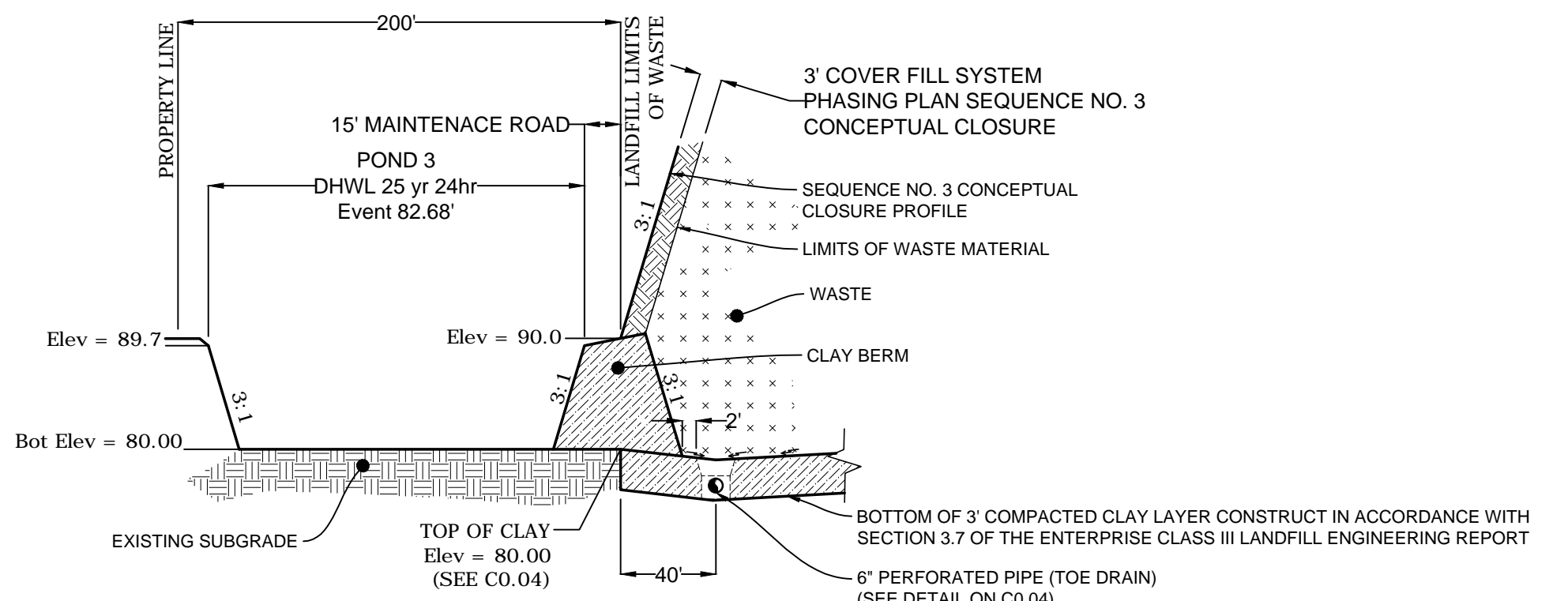
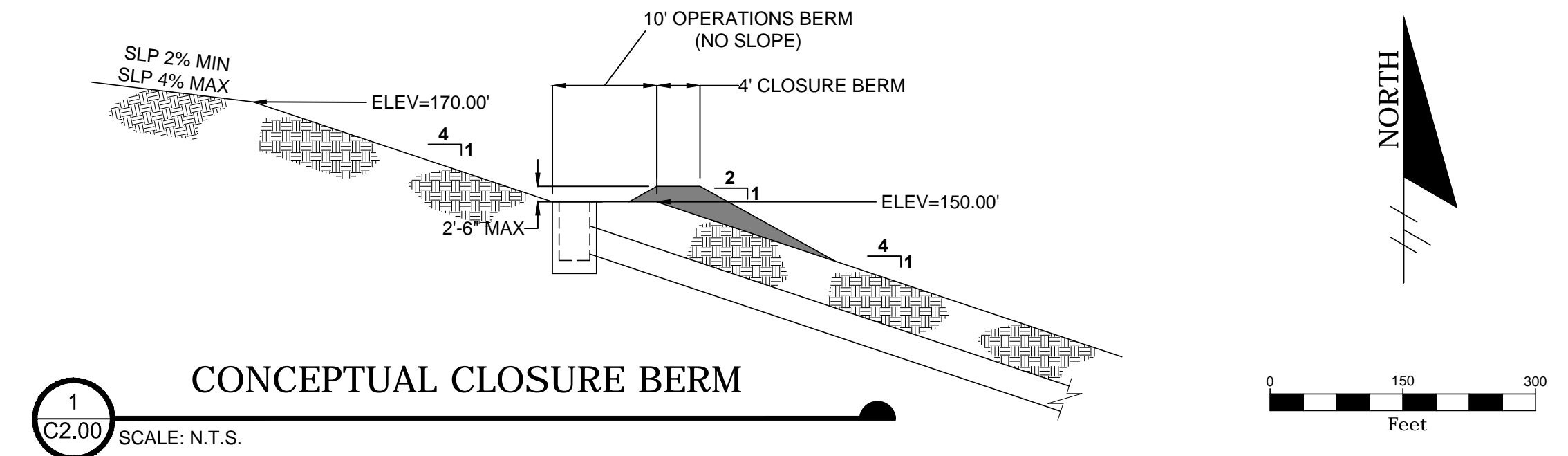


LEGEND

	PERIMETER FENCE
	PROPERTY BOUNDARY
	LANDFILL FOOTPRINT (AT BUILD OUT)
	LANDFILL CELLS
	EXISTING CONTOURS
	DIRECTIONAL FLOW ARROW
	DRAINAGE DIVIDE
	CROSS SECTION STATIONS
	PASSIVE LFG VENT
	STORMWATER CONVEYANCE SYSTEM

NOTES:

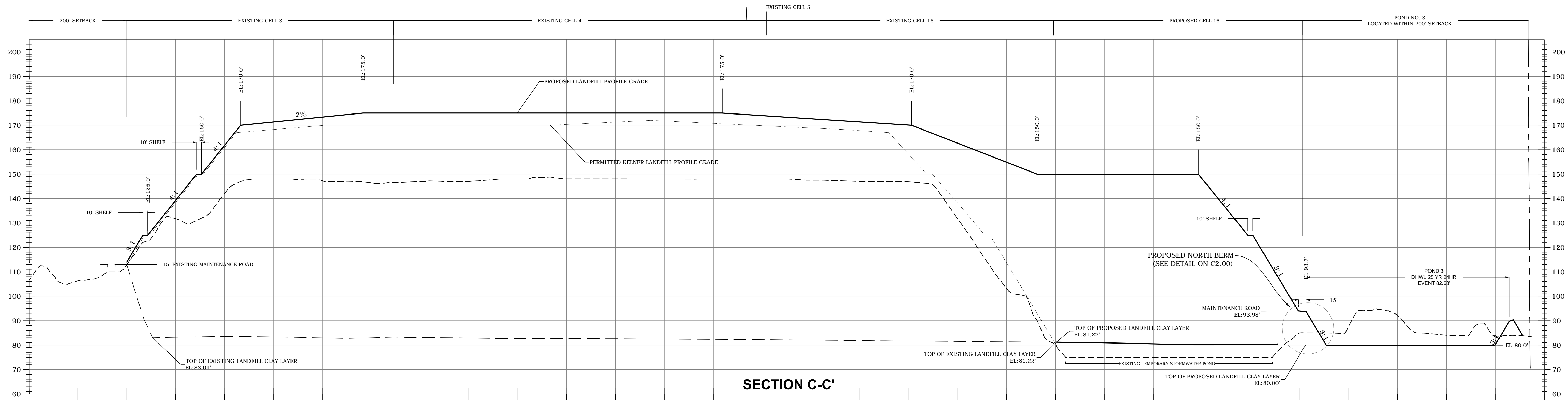
- CONTOURS REPRESENT FINAL COVER. FILL ELEVATIONS SHALL BE SUCH THAT FINAL COVER DESIGN ELEVATIONS SHALL BE ACHIEVED ON ALL SLOPES
- PRIOR TO WASTE BEING DISPOSED IN PROPOSED CELLS, BACKFILL TEMPORARY DIVERSION SWALE WITH COMPACTED CLAY.
- LANDFILL FINAL COVER PER DETAIL 3, SHEET C3.00.
- TOPOGRAPHIC SURVEY BY PICKETT SURVEYING & PHOTOGRAMMETRY, DATED 11/11/13, UPDATED ON 12/31/13.
- FINAL COVER CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 7.1 OF THE ENTERPRISE RECYCLING & DISPOSAL FACILITY RECLAMATION & CLOSURE PLAN.
- THE FACILITY'S OVERALL STORMWATER MANAGEMENT SYSTEM IS GOVERNED BY THE MINING OPERATIONS AND ERP PERMITS. GRADES AND ELEVATION VARY BASED ON ONGOING MINING OPERATIONS AND TOPOGRAPHY. A DETAILED DESIGN THAT WILL TIE THE CONCEPTUAL CLOSURE PLAN INTO THE FACILITY'S STORMWATER MANAGEMENT SYSTEM WILL BE SUBMITTED AT THE TIME OF CLOSURE.



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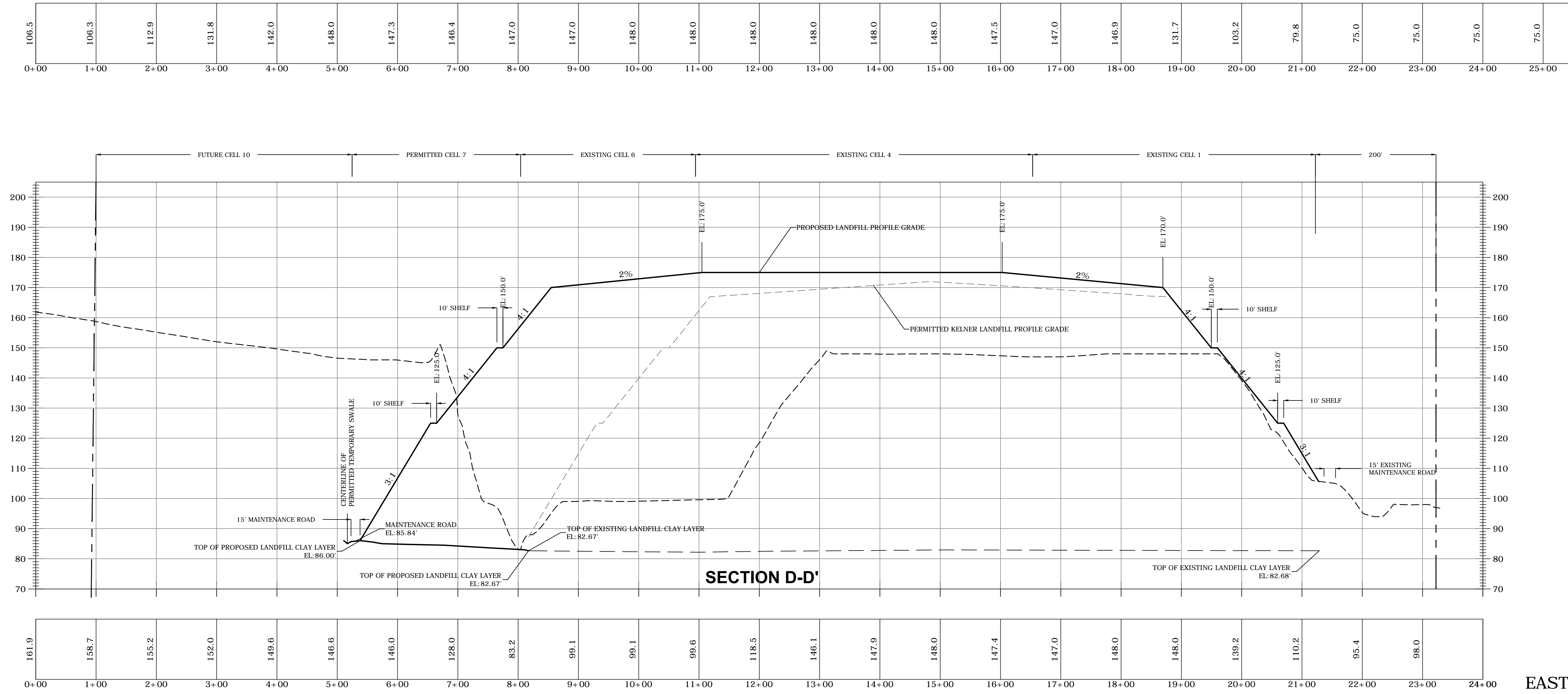
SOUTH



NORTH

SCALES:
HORIZONTAL 1"=100'
VERTICAL 1"= 20'

WEST



EAST

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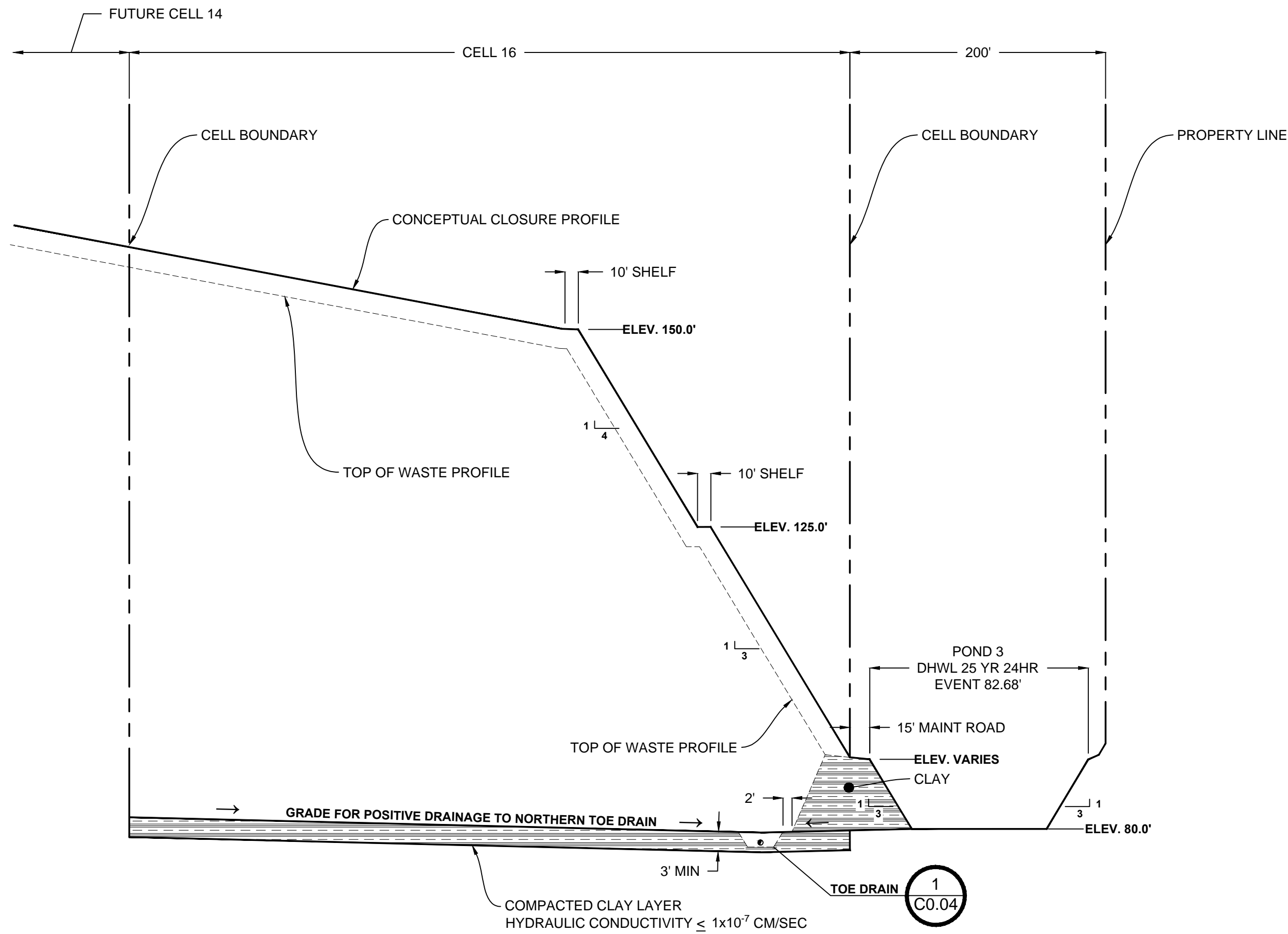
PROJECT TITLE:
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SHEET TITLE:
PHASING PLAN SEQUENCE NO. 3 CONCEPTUAL
CLOSURE SECTIONS

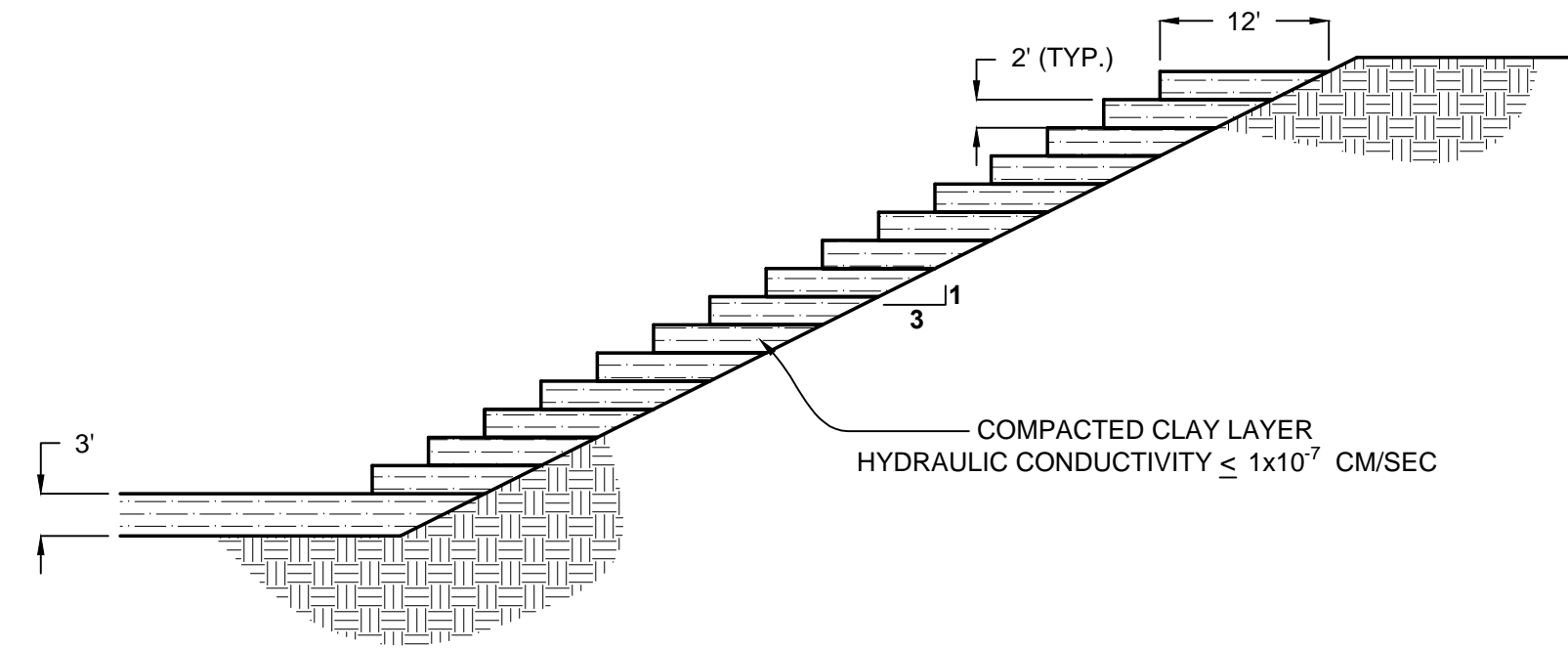
PROJECT NO.: 02000-144-14
SCALE: AS SHOWN
DATE: MARCH 2016
DRAWING: C2.10

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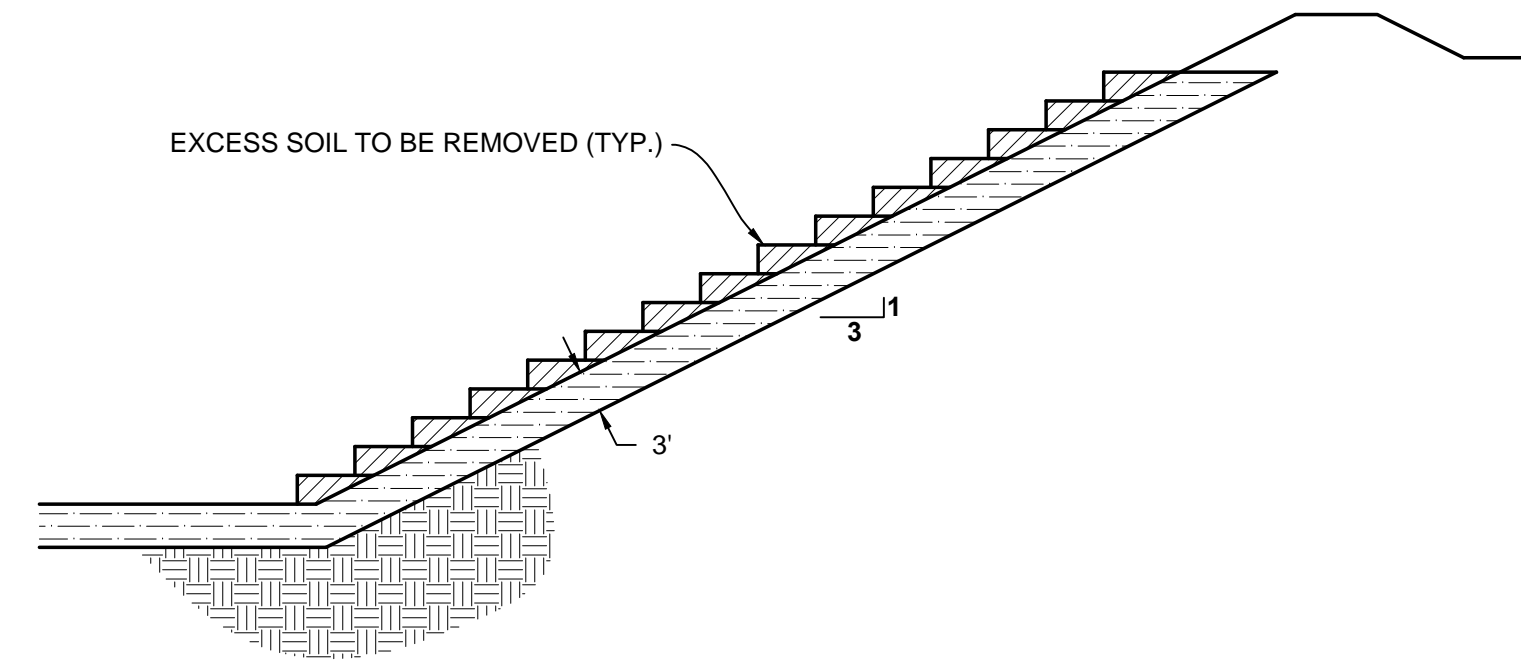
1 TYPICAL DISPOSAL AREA DETAIL CELL 16

SCALE: N.T.S.



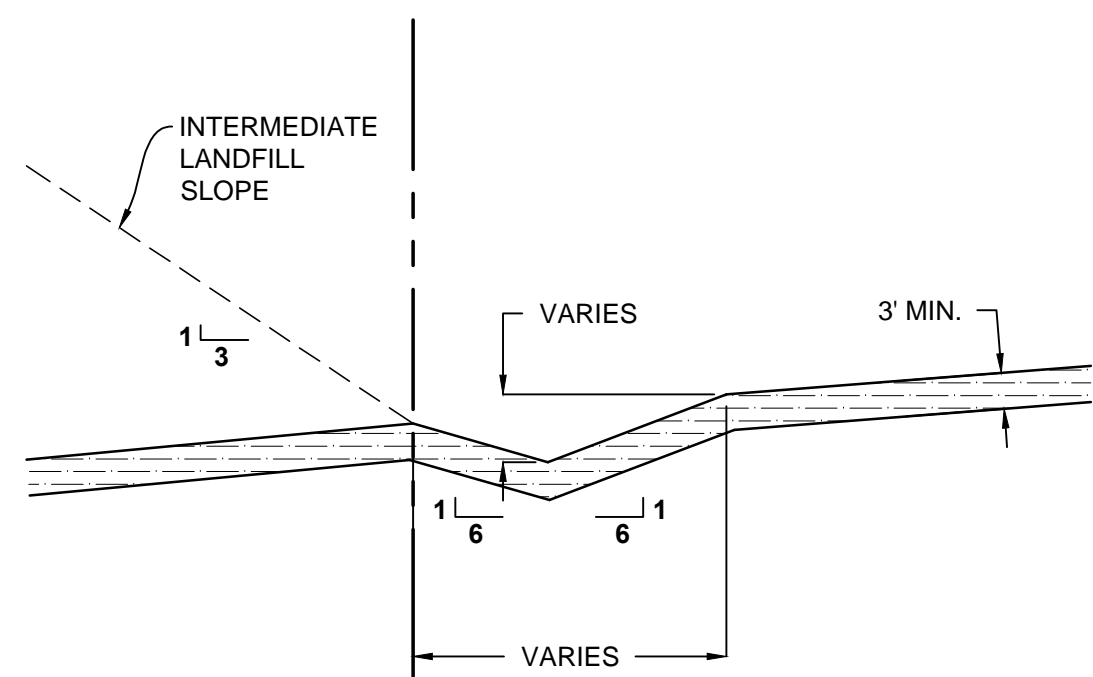
6 CELL 7 SOUTH CLAY SIDE SLOPE CONSTRUCTION DETAIL

SCALE: N.T.S.



5 CELL 7 SOUTH CLAY SIDE SLOPE CONSTRUCTION DETAIL

SCALE: N.T.S.

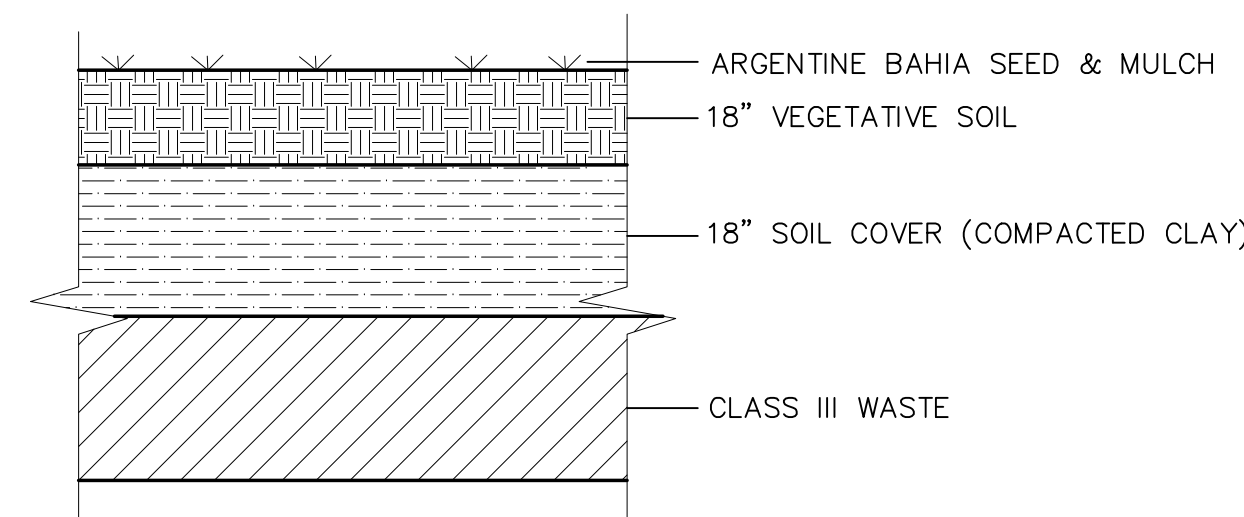


2 TEMPORARY STORMWATER DIVERSION SWALE DETAIL

SCALE: N.T.S.

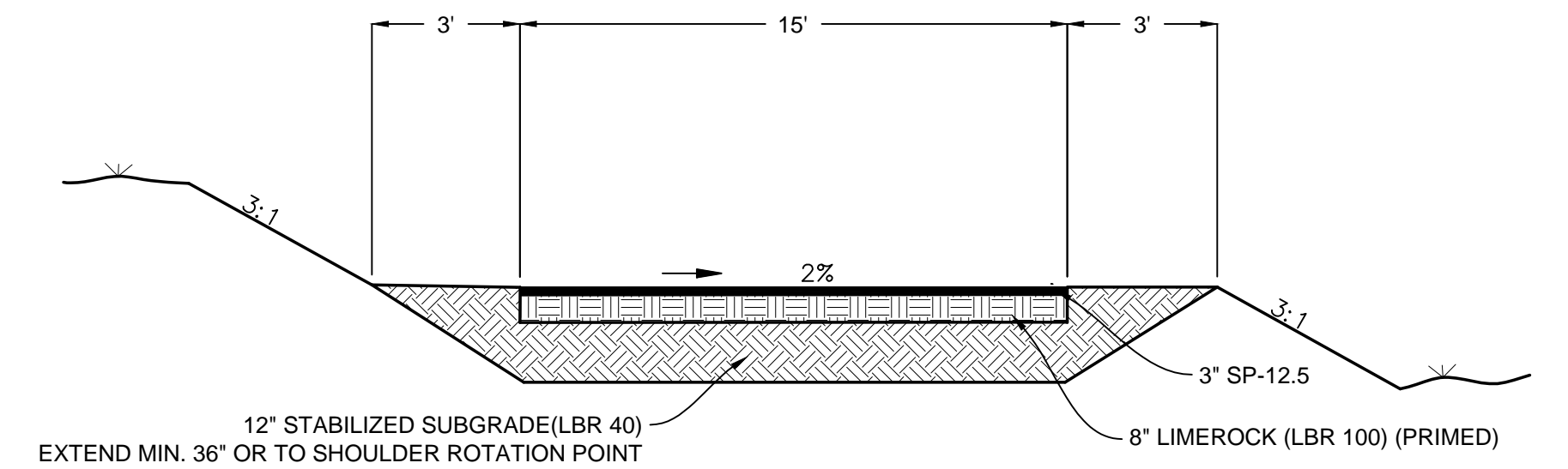
NOTES:

- FOR CELL 7 THE TEMPORARY DIVERSION SWALE IS CONSTRUCTED PRIOR TO WASTE ACCEPTANCE WITHIN CELL.
- PRIOR TO WASTE BEING DISPOSED OF ON THE PREVIOUS INTERMEDIATE SLOPE THE TEMPORARY SWALE IS BACKFILLED AND COMPACTED WITH CLAY TO PROVIDE A CONTINUOUS CLAY BARRIER LAYER.
- CLAY BARRIER LAYER TO BE CONSTRUCTED IN ACCORDANCE WITH SECTION 3.7 OF THE ENTERPRISE CLASS III LANDFILL ENGINEERING REPORT.
- STEP BACK AND SCARIFY EXISTING CLAY LAYER IN 12" LIFTS PRIOR TO CONSTRUCTION NEW CLAY LAYER ADJACENT TO EXISTING.
- FINAL COVER CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 7.1 OF THE ENTERPRISE RECYCLING & DISPOSAL FACILITY RECLAMATION & CLOSURE PLAN.



3 TYPICAL FINAL COVER

SCALE: N.T.S.



4 ACCESS ROAD TYPICAL SECTION

SCALE: N.T.S.



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DADE CITY, PASCO COUNTY, FLORIDA

LISA J. BAKER

DESIGNED BY

LJB

DRAWN BY

MAF

CHECKED BY

JDL

APPROVED BY

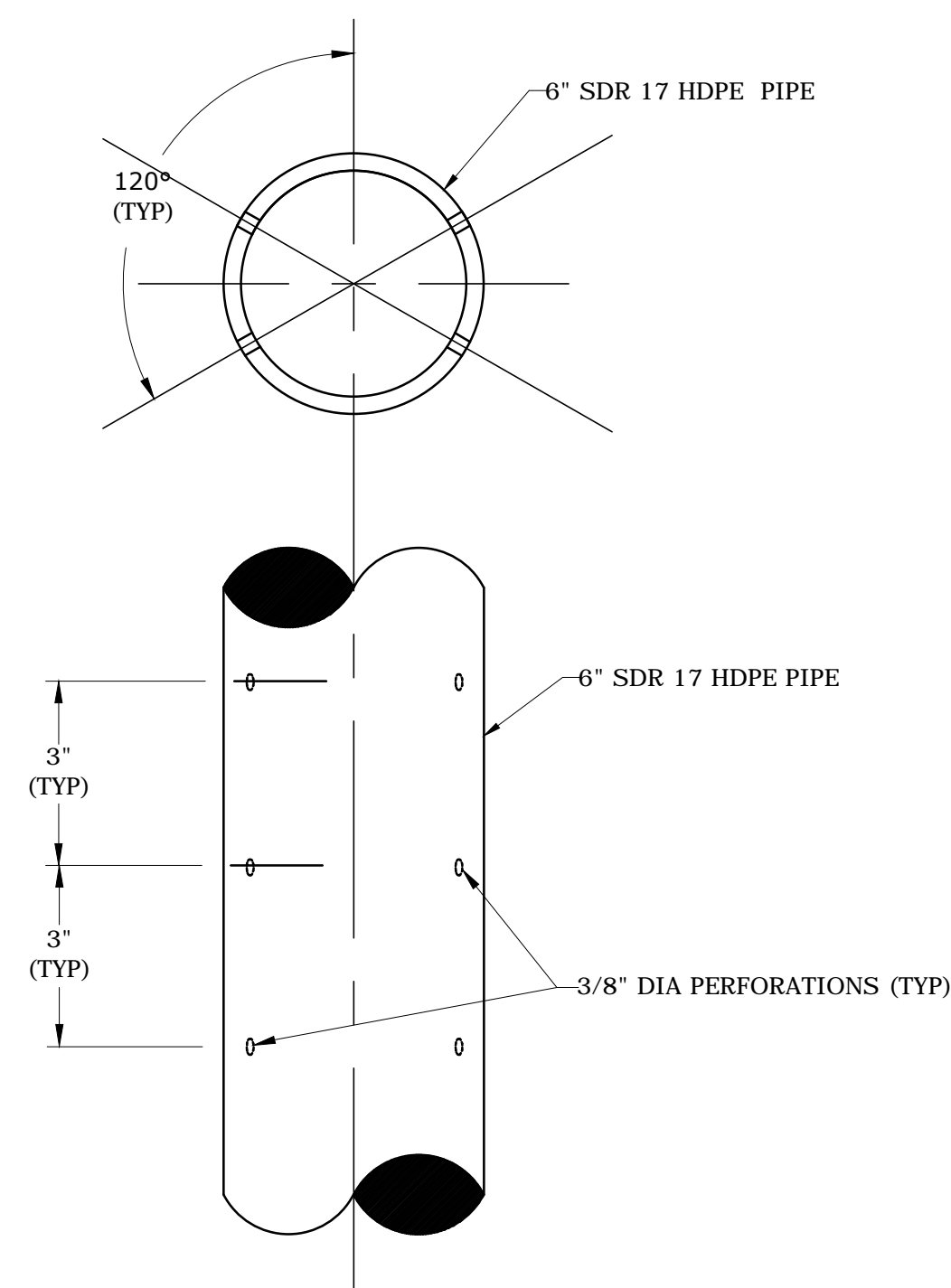
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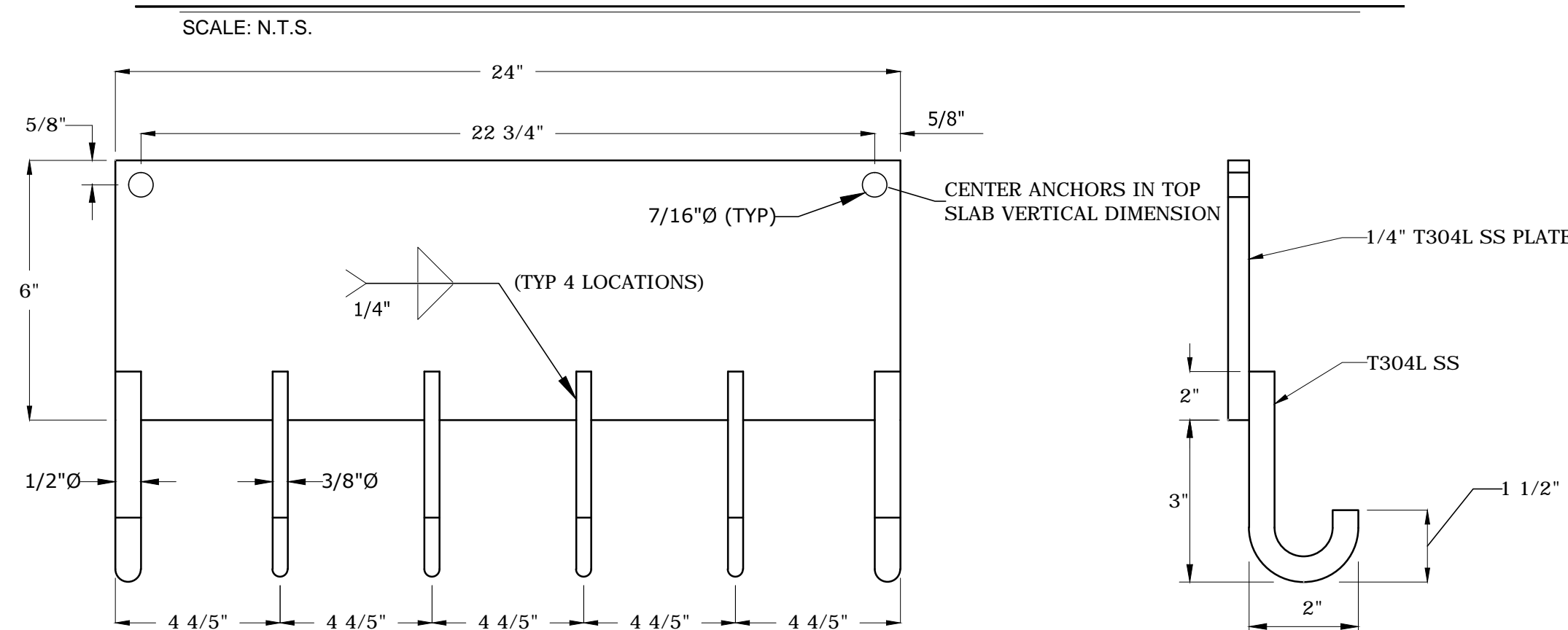
CLOSURE DETAILS

PROJECT NO.:
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C3.00

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6" PERFORATED SDR 17 HDPE PIPE DETAIL



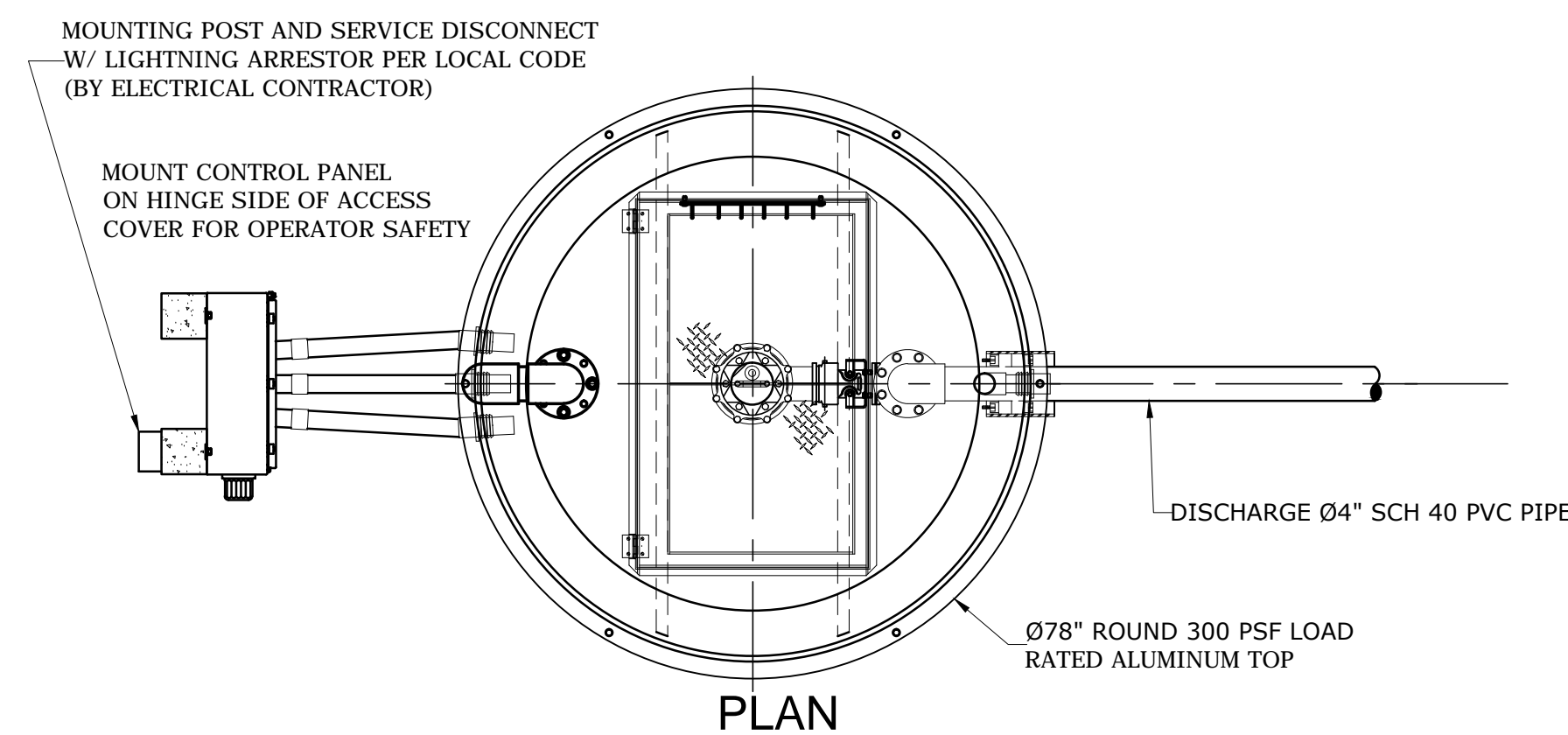
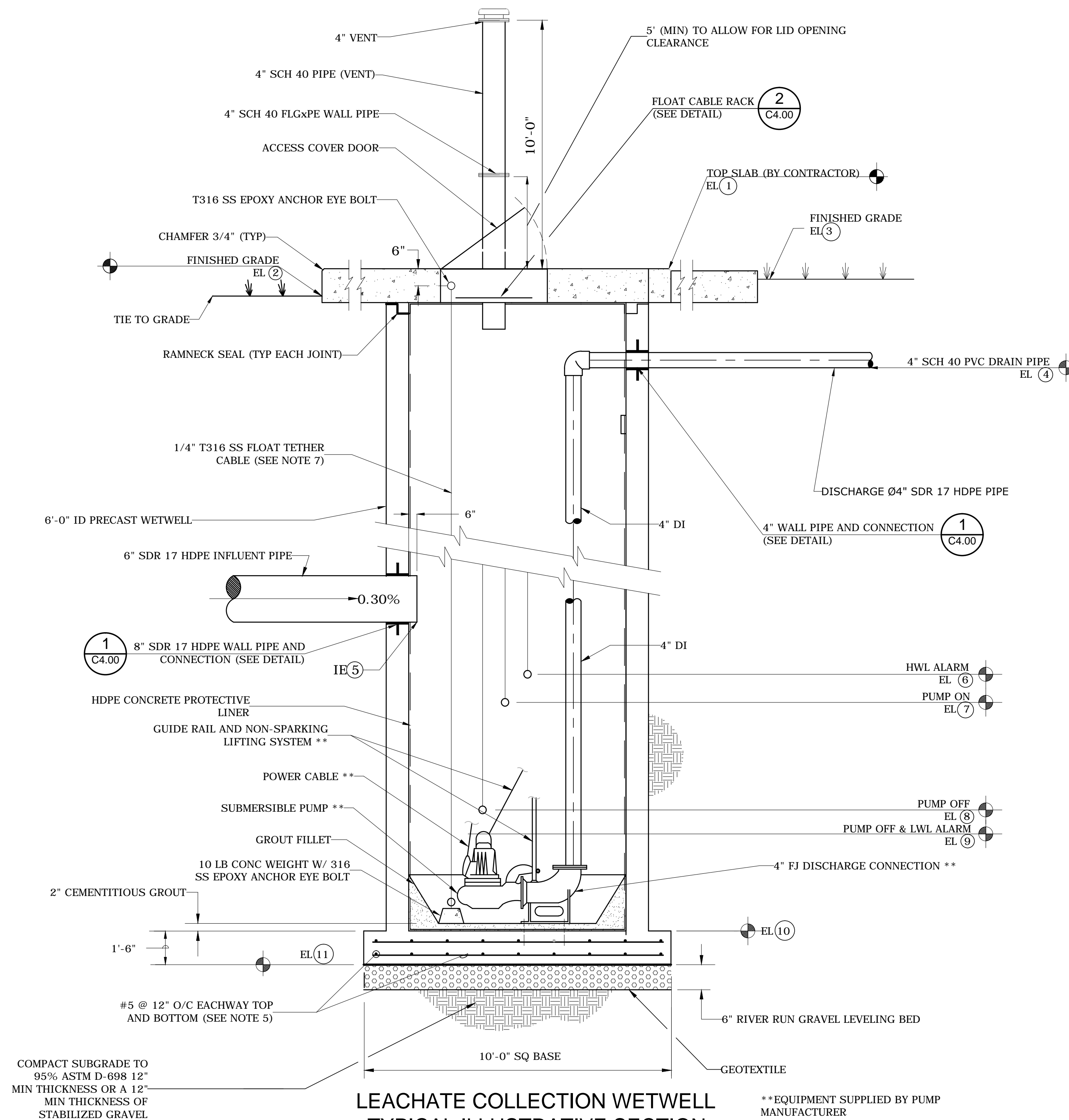
NOTE:
MOUNT RACK TO TOP SLAB WITH 3/8"Øx4" LONG T304 SS EPOXY ANCHORS.

FLOAT CABLE RACK

2
C4.00

SCALE: N.T.S.

WETWELL ELEVATIONS TABLE											
WETWELL LOCATION	IE①	IE②	IE③	IE④	IE⑤	EL⑥	EL⑦	EL⑧	EL⑨	EL⑩	EL⑪
LEACHATE COLLECTION WETWELL	91.50'	91.00'	91.00'	88.50'	74.98'	75.98'	74.98'	74.17'	73.67'	72.00'	70.50'



NOTES:

1. SEE PLAN VIEW FOR LOCATION OF COMPONENTS.
2. PROVIDE 3" CLEAR COVER FOR REINFORCING ON ALL SIDES IN WETWELL BASE.
3. LEVEL SWITCHES SHALL BE SET TO ACTUATE WITHIN 2"± OF ELEVATION NOTED.
4. EXTERIOR OF WETWELL SHALL BE PAINTED WITH COAL TAR EPOXY AS SPECIFIED.
5. ALL PENETRATIONS SHALL BE SEALED AND WATER TIGHT.
6. THIS PIPE IS ONLY IN THE LEACHATE COLLECTION WETWELL. WELD TO WALL SLEEVE AFTER FIELD INSTALLATION.
7. CONNECT TETHER CABLE TO EYE BOLTS W/ 2 316 SS "U" CLAMPS AT EACH END. INSTALL CABLE WITHOUT ANY SLACK. ATTACH FLOAT CABLES TO TETHER CABLE W/ 316 SS "U" CLAMPS AT INDICATED ELEVATION.
8. WETWELL SHALL BE PURCHASED, SET AND JOINED BY OWNER. ALL OTHER CONCRETE INSTALLATION BY CONTRACTOR.
9. WETWELL LID SHALL BE PRECAST.
10. CONTRACTOR SHALL COORDINATE ACCESS HATCH (WITH SKIRT AND RETURN) AND WALL PIPE MANUFACTURE AND INSTALLATION CONTRACTOR, AND PUMP MANUFACTURER PRIOR TO WETWELL LID PRECASTING.
11. CONTRACTOR SHALL COORDINATE ALL FINAL WETWELL LINER WELDING WITH MANUFACTURER.

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2016 PERMIT MODIFICATION

DADE CITY, PASCO COUNTY, FLORIDA

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	DRAWN BY	MA
	CHECKED BY	JDL
FL PE NO. 74652	APPROVED BY	LJB

SHEET TITLE:

LEACHATE COLLECTION WETWELL
SECTIONS AND DETAILS

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