

STORMWATER MANAGEMENT PLANS  
FOR  
**FPL SPARKLEBERRY SOLAR ENERGY CENTER**  
IN  
SECTIONS 22, TOWNSHIP 3 NORTH, RANGE 32 WEST  
ESCAMBIA COUNTY, FLORIDA  
PREPARED FOR  
**FLORIDA POWER & LIGHT COMPANY**



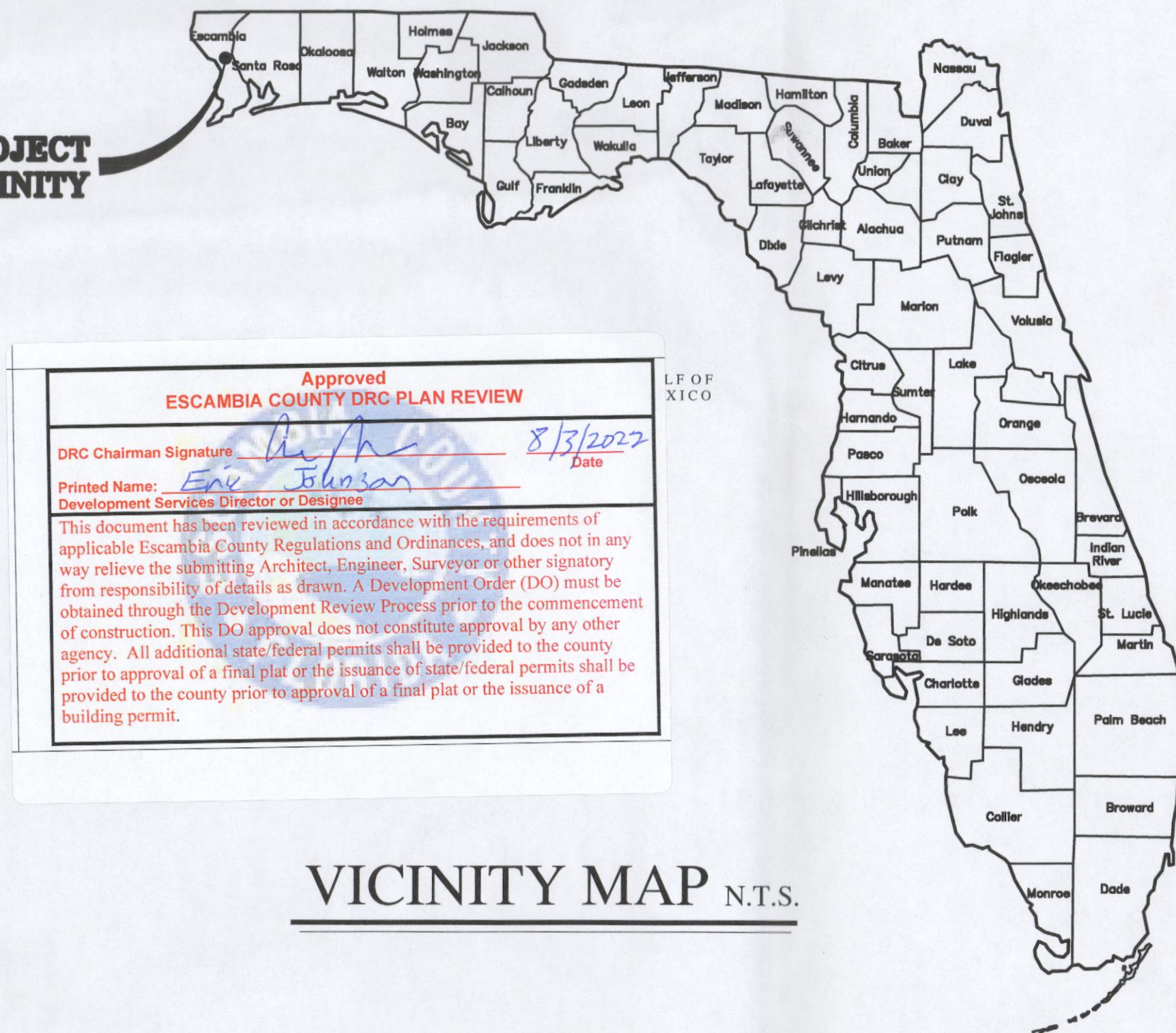
**LOCATION MAP** N.T.S.

SECTIONS 22, TOWNSHIP 3 NORTH, RANGE 32 WEST

PARCEL ID# 23-3N-32-1000-000-000

ZONING: AG; LAND USE: AG

**PROJECT VICINITY**



**VICINITY MAP** N.T.S.

Approved  
ESCAMBIA COUNTY DRC PLAN REVIEW

DRC Chairman Signature: *[Signature]* Date: 8/3/2022

Printed Name: *[Name]*  
Development Services Director or Designee

This document has been reviewed in accordance with the requirements of applicable Escambia County Regulations and Ordinances, and does not in any way relieve the submitting Architect, Engineer, Surveyor or other signatory from responsibility of details as drawn. A Development Order (DO) must be obtained through the Development Review Process prior to the commencement of construction. This DO approval does not constitute approval by any other agency. All additional state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of a building permit.

INDEX TO SHEETS	
1	COVER SHEET
CE2	DEVELOPMENT PLAN
CE3	DRAINAGE PLAN
CE4	GRADING PLAN KEY PLAN
CE5-11	GRADING PLAN
CE12	EROSION CONTROL PLAN
CE13	ENVIRONMENTALLY SENSITIVE AREAS
CE14	EROSION CONTROL DETAILS
CE15-19	DETAILS AND TYPICAL SECTIONS
CE20	POND SECTIONS
CE21	SPECIFICATIONS

NOTE:  
DRAWING PREPARED IN AN 11X17 FORMAT. THE  
SCALE OF THESE PLANS MAY HAVE CHANGED DUE  
TO REPRODUCTION.

ISSUE DATE: 07/28/22

DATUM:  
ELEVATIONS SHOWN ON THE PLANS ARE NORTH  
AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988).

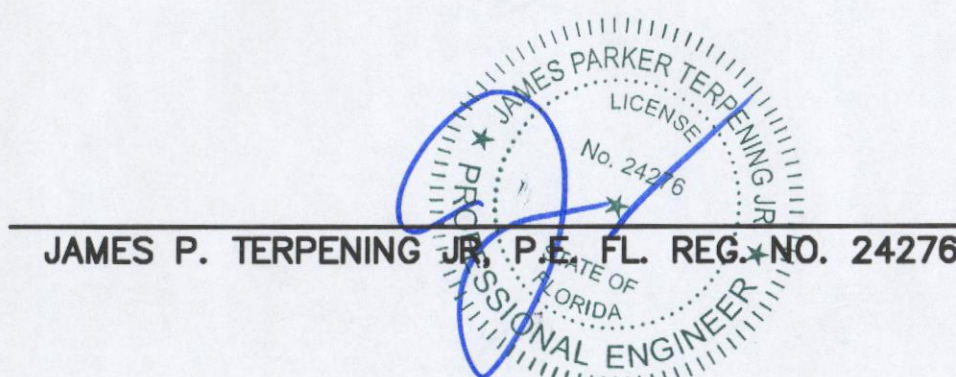
FILE NAME: 21-210 COVER.DWG



**CULPEPPER &  
TERPENING INC**

2980 SOUTH 25th STREET • FORT PIERCE, FLORIDA 34981  
PHONE 772-464-3537 • FAX 772-464-9497 • www.ct-eng.com  
STATE OF FLORIDA BOARD OF PROFESSIONAL  
ENGINEERS AUTHORIZATION NO. 4286

FPL SPARKLEBERRY SOLAR  
ENERGY CENTER

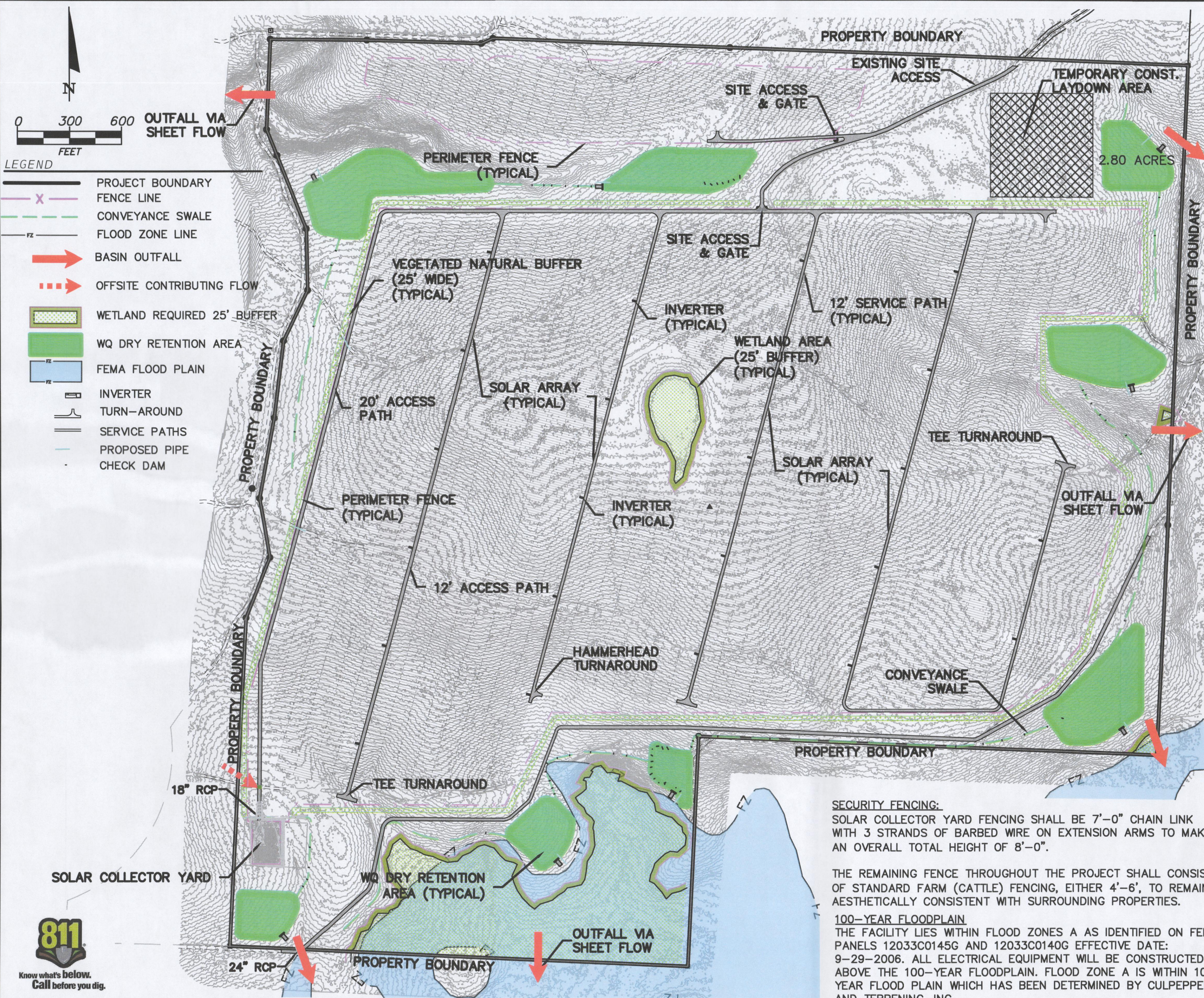


JAMES P. TERPENING JR. P.E. FL. REG. NO. 24276

JUL 28 2022  
C&T PROJECT NO. 21-210 SHEET 1 OF CE21



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FPL SPARKLEBERRY SOLAR ENERGY CENTER  
ESCAMBIA COUNTY, FL

OWNER  
FLORIDA POWER AND LIGHT COMPANY

PROJECT  
FPL SPARKLEBERRY SOLAR ENERGY CENTER  
LOCATION: APPROXIMATELY 1.5 MILES SOUTH WEST OF THE COUNTY  
ROAD 97 AND PILGRIM TRAIL INTERSECTION.

SITE COVERAGE

PERVIOUS/IMPERVIOUS TABLE			
DESCRIPTION	SQ.FT.	ACREAGE	% OF SITE
INVERTER	23,000.00	0.53	0.09%
VAULT	682.00	0.01	0.003%
TOTAL IMPERVIOUS	23,682.00	0.54	0.093%
ACCESS ROAD	587,006.42	13.48	2.44%
SOLAR COLLECTOR YARD	93,000.00	2.13	0.38%
TOTAL SEMI IMPERVIOUS	680006.42	15.61	2.82%
TOTAL PERVIOUS	20,813,920.48	536.54	97.08%
PROJECT AREA	21,516,926.90	552.68	100.00%
PROJECT AREA (FENCED)	20,721,747.84	475.71	81.66%

- NOTES:
- SERVICE PATHS HAVE BEEN ANALYZED AS 16' WIDE.
  - ALL DISTURBED AREAS SHALL BE SEEDED UNLESS SPECIFIED OTHERWISE.
  - ALL WETLANDS, WETLAND BUFFERS RIVERINE SETBACKS/ SHORELINE PROTECTION ZONES, & VEGETATED NATURAL BUFFERS SHALL REMAIN IN THEIR NATURAL, VEGETATED STATE AT ALL TIMES.
  - ALL ADEQUATE TREE PROTECTION MEASURES AND BARRICADES SHALL BE PROPERLY INSTALLED PRIOR TO SITE DISTURBANCE, INSPECTED REGULARLY, AND MAINTAINED IN GOOD WORKING ORDER UNTIL PROJECT IS COMPLETE AND SITE BECOMES STABILIZED.
  - PER ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE, ALL PROTECTED TREE REMOVAL, LAND CLEARING, PLACEMENT OF FILL MATERIAL ONSITE, CUTTING, GRADING, EXCAVATING, BERMING, OR ANY OTHER LAND DISTURBING ACTIVITIES THAT MAY ALTER LAND TOPOGRAPHY OR VEGETATIVE COVER SHALL BE PERMITTED OR OTHERWISE APPROVED IN WRITING BY THE COUNTY PRIOR TO INITIATION OF SUCH SITE WORK.

SURFACING

ACCESS PATHS : STABILIZED AGGREGATE BASE  
INVERTER : AGGREGATE SURFACE  
SOLAR COLLECTOR YARD : AGGREGATE SURFACE  
OPEN SPACE : GRASSED AREA

SECURITY FENCING:  
SOLAR COLLECTOR YARD FENCING SHALL BE 7'-0" CHAIN LINK WITH 3 STRANDS OF BARBED WIRE ON EXTENSION ARMS TO MAKE AN OVERALL TOTAL HEIGHT OF 8'-0".

THE REMAINING FENCE THROUGHOUT THE PROJECT SHALL CONSIST OF STANDARD FARM (CATTLE) FENCING, EITHER 4'-6', TO REMAIN AESTHETICALLY CONSISTENT WITH SURROUNDING PROPERTIES.

100-YEAR FLOODPLAIN  
THE FACILITY LIES WITHIN FLOOD ZONES A AS IDENTIFIED ON FEMA PANELS 12033C0145G AND 12033C0140G EFFECTIVE DATE: 9-29-2006. ALL ELECTRICAL EQUIPMENT WILL BE CONSTRUCTED ABOVE THE 100-YEAR FLOODPLAIN. FLOOD ZONE A IS WITHIN 100 YEAR FLOOD PLAIN WHICH HAS BEEN DETERMINED BY CULPEPPER AND TERPENING, INC.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
3-27-22	KU	ADDED CHECK DAMS			

C&T JOB NO. 21-210  
DESIGNED BY JPT 12-14-21  
DRAWN BY KU 3-26-22  
CHECKED BY ER  
ENGINEER OF RECORD:  
JAMES P. TERPENING JR., P.E. NO. 24276



FLORIDA POWER & LIGHT COMPANY  
PROJECT NAME  
FPL SPARKLEBERRY SOLAR ENERGY CENTER

DEVELOPMENT PLAN

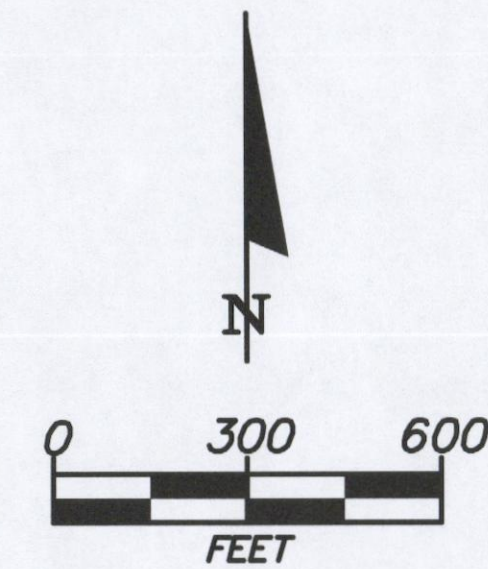
JUL 28 2022  
JAMES P. TERPENING JR., P.E.  
FL. REG. NO. 24276  
SHEET NO.  
CE2







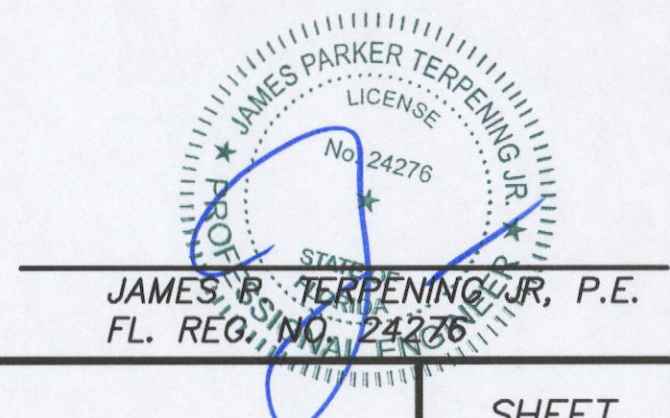
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LEGEND

- PROJECT BOUNDARY
- SHEET MATCHLINE
- CONVEYANCE SWALE
- INVERTER
- TURN-AROUND
- SERVICE PATHS
- FEMA FLOOD PLAIN
- RETENTION AREA

JUL 28 2022



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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CHECKED BY ER	CHECKED BY ER
ENGINEER OF RECORD: JAMES P. TERPENING JR., P.E. NO. 24276	

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STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286

FLORIDA POWER & LIGHT COMPANY

PROJECT NAME

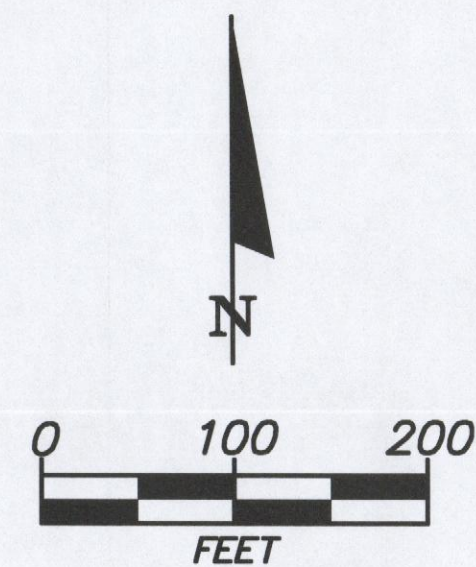
FPL SPARKLEBERRY SOLAR ENERGY CENTER

KEY SHEET

SHEET NO.  
CE4



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OUTFALL VIA  
SHEET FLOW

PROPERTY LINE

GRASSED VEGETATIVE STRIP  
(SEE SHEET CE17)

OVERFLOW WEIR  
EL. 162.0 NAVD

P-1.1 - 80 LF OF  
18" HDPE"

RETENTION AREA 1.1  
BOT EL=159.0 NAVD  
TOP EL=162.0 NAVD  
AREA=4.66 ACRES

PERIMETER FENCE  
(SEE SHEET CE16)

123.1

BASIN 1

PERIMETER FENCE  
(SEE SHEET CE16)  
CONVEYANCE SWALE  
(SEE SHEET CE15)

CHECK DAM (TYP.)  
(SEE SHEET CE18)

OVERFLOW WEIR  
EL. 175.0 NAVD

RETENTION AREA 1.2  
BOT EL=172.0 NAVD  
TOP EL=175.0 NAVD  
AREA=3.76 ACRES

P-1.2 - 80 LF OF  
18" HDPE"

MATCHLINE SEE SHEET CE6



20' ACCESS PATH

VEGETATED  
NATURAL BUFFER  
(SEE SHEET CE17)

INVERTER  
(TYPICAL)

12' WIDE SERVICE PATH  
(SEE SHEET CE14)

MATCHLINE SEE SHEET CE7

## LEGEND

- PROPERTY BOUNDARY
- DITCH FLOW ARROW
- SHEET FLOW ARROW
- OFFSITE CONTRIBUTING FLOW
- BASIN OUTFALL
- BASIN LINE
- CONVEYANCE SWALE
- SERVICE PATH
- EXISTING PATHWAYS

- INVERTER
- LANDSCAPE BUFFER
- FENCE
- EXISTING CONTOURS
- EXISTING EASEMENT
- FZ FLOOD ZONE LIMITS
- BASIN BASIN IDENTIFICATION
- CHECK DAM
- EXISTING CULVERT
- PROPOSED CULVERT

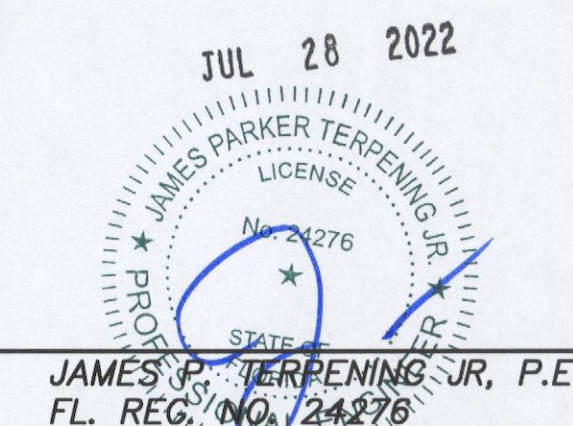
- 22.0
- FINISH GRADE
- WETLAND  
REQUIRE 25' BUFFER
- WQ DRY RETENTION AREA
- 25' VEGETATED NATURAL  
BUFFER (15% MAX SLOPE)
- FZ FEMA FLOOD PLAIN
- FZ
- PV ARRAY PERIMETER

## NOTES:

1. INVERTER PADS TO BE THE GREATER OF 12" ABOVE FINISH GRADE OR THE 100 YEAR FLOOD ELEVATION.
2. ALL WETLANDS, WETLAND BUFFERS RIVERINE SETBACKS/ SHORELINE PROTECTION ZONES, & VEGETATED NATURAL BUFFERS SHALL REMAIN IN THEIR NATURAL, VEGETATED STATE AT ALL TIMES.
3. PER ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE, ALL PROTECTED TREE REMOVAL, LAND CLEARING, PLACEMENT OF FILL MATERIAL ONSITE, CUTTING, GRADING, EXCAVATING, BERMING, OR ANY OTHER LAND DISTURBING ACTIVITIES THAT MAY ALTER LAND TOPOGRAPHY OR VEGETATIVE COVER SHALL BE PERMITTED OR OTHERWISE APPROVED IN WRITING BY THE COUNTY PRIOR TO INITIATION OF SUCH SITE WORK.



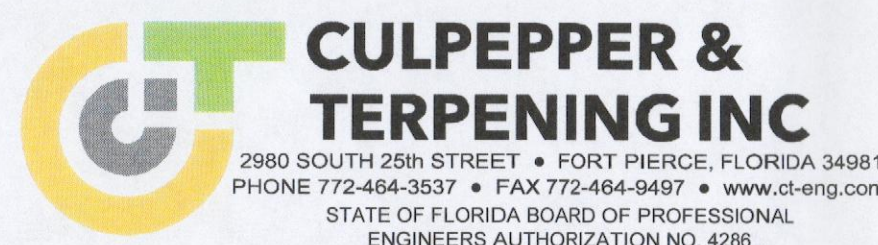
KEY PLAN



## REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
3-27-22	KU	ADDED CONTOUR LABELS TO POND & ADDED CHECK DAMS			

C&T JOB NO. 21-210	
DESIGNED BY JPT 12-14-21	DRAWN BY KU 3-26-22
CHECKED BY ER	CHECKED BY ER
ENGINEER OF RECORD: JAMES P. TERPENING JR., P.E. NO. 24276	



FLORIDA POWER & LIGHT COMPANY

PROJECT NAME

FPL SPARKLEBERRY SOLAR ENERGY CENTER

## GRADING PLAN

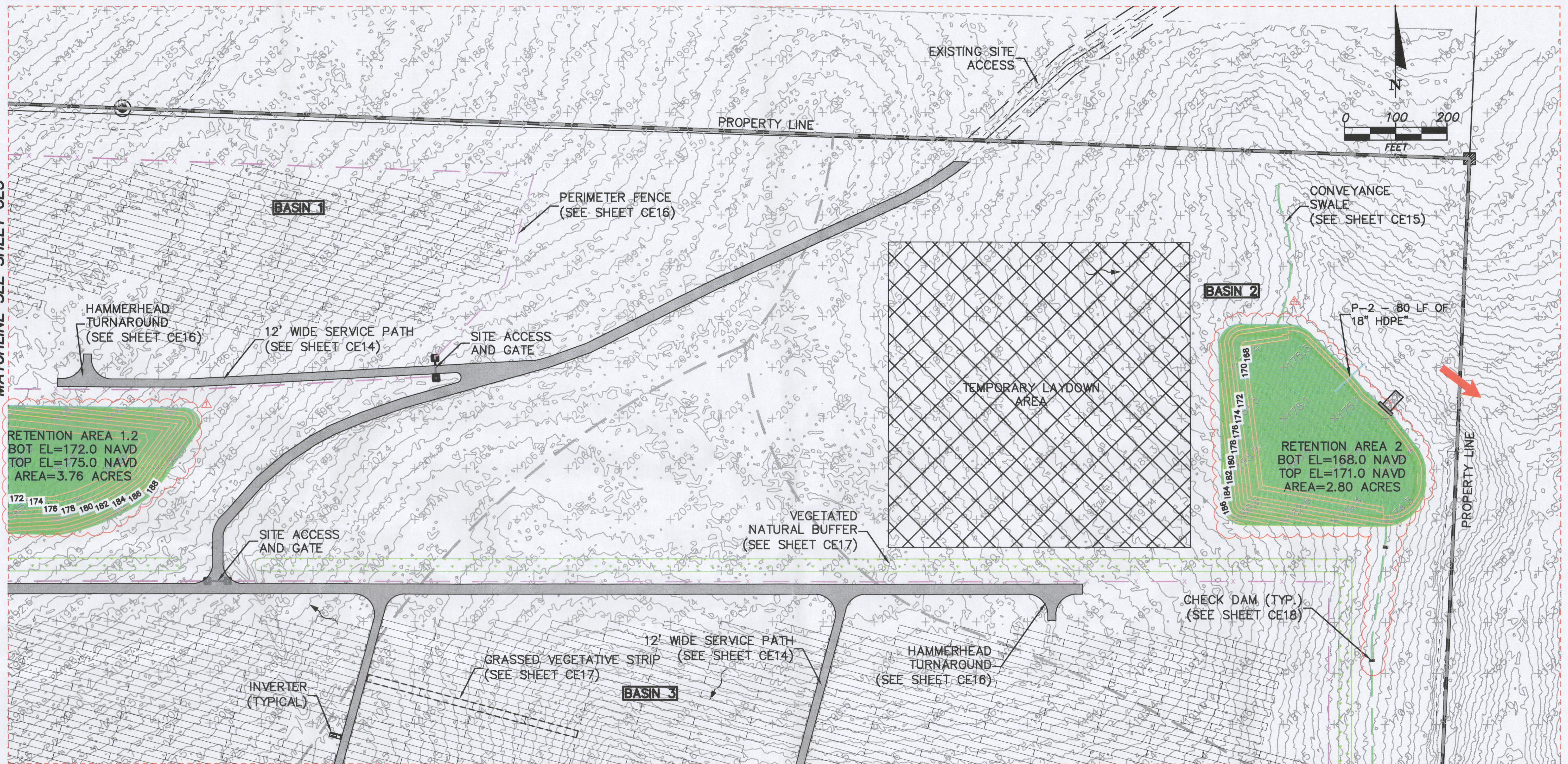
SHEET  
NO.

CE5



MATCHLINE SEE SHEET CE5

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LEGEND

- PROPERTY BOUNDARY
- DITCH FLOW ARROW
- SHEET FLOW ARROW
- OFFSITE CONTRIBUTING FLOW
- BASIN OUTFALL
- BASIN LINE
- CONVEYANCE SWALE
- SERVICE PATH
- EXISTING PATHWAYS
- INVERTER
- LANDSCAPE BUFFER
- FENCE
- EXISTING CONTOURS
- EXISTING EASEMENT
- FZ FLOOD ZONE LIMITS
- BASIN IDENTIFICATION
- CHECK DAM
- EXISTING CULVERT
- PROPOSED CULVERT

MATCHLINE SEE SHEET CE8

- 22.0
- FINISH GRADE
- WETLAND REQUIRE 25' BUFFER
- WQ DRY RETENTION AREA
- 25' VEGETATED NATURAL BUFFER (15% MAX SLOPE)
- FZ FEMA FLOOD PLAIN
- PV ARRAY PERIMETER

NOTES:  
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KEY PLAN



JUL 28 2022  
JAMES PARKER TERPENING JR.  
LICENSE No. 24276  
STATE OF FLORIDA  
JAMES P. TERPENING JR., P.E.  
FL. REG. NO. 24276

REVISIONS				C&T JOB NO. 21-210			
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DESIGNED BY	DRAWN BY
3-27-22	KU	ADDED CONTOUR LABELS TO PONDS & ADDED CHECK DAMS				JPT 12-14-21	KU 3-26-22
						CHECKED BY	CHECKED BY
						ER	ER
				ENGINEER OF RECORD: JAMES P. TERPENING JR., P.E. NO. 24276			

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PHONE 772-464-3537 • FAX 772-464-9497 • www.ct-eng.com  
STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286

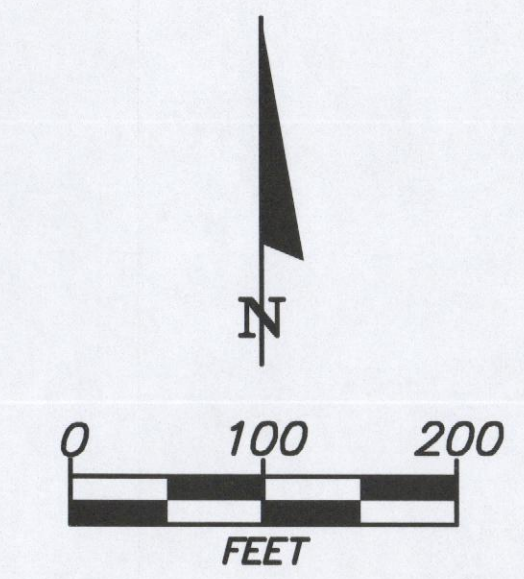
FLORIDA POWER & LIGHT COMPANY
PROJECT NAME
FPL SPARKLEBERRY SOLAR ENERGY CENTER

GRADING PLAN

SHEET NO.  
CE6



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LEGEND

- |  |                           |  |                      |
|--|---------------------------|--|----------------------|
|  | PROPERTY BOUNDARY         |  | INVERTER             |
|  | DITCH FLOW ARROW          |  | LANDSCAPE BUFFER     |
|  | SHEET FLOW ARROW          |  | FENCE                |
|  | OFFSITE CONTRIBUTING FLOW |  | EXISTING CONTOURS    |
|  | BASIN OUTFALL             |  | EXISTING EASEMENT    |
|  | BASIN LINE                |  | FLOOD ZONE LIMITS    |
|  | CONVEYANCE SWALE          |  | BASIN IDENTIFICATION |
|  | SERVICE PATH              |  | CHECK DAM            |
|  | EXISTING PATHWAYS         |  | EXISTING CULVERT     |
|  |                           |  | PROPOSED CULVERT     |

MATCHLINE SEE SHEET CE9

- |  |  |
|--|--|
|  | 22.0   |
|  | WETLAND REQUIRE 25' BUFFER                   |
|  | WQ DRY RETENTION AREA                        |
|  | 25' VEGETATED NATURAL BUFFER (15% MAX SLOPE) |
|  | FEMA FLOOD PLAIN                             |
|  | PV ARRAY PERIMETER                           |

- NOTES:
1. INVERTER PADS TO BE THE GREATER OF 12" ABOVE FINISH GRADE OR THE 100 YEAR FLOOD ELEVATION.
  2. ALL WETLANDS, WETLAND BUFFERS RIVERINE SETBACKS/ SHORELINE PROTECTION ZONES, & VEGETATED NATURAL BUFFERS SHALL REMAIN IN THEIR NATURAL, VEGETATED STATE AT ALL TIMES.
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KEY PLAN

JUL 28 2022  
JAMES P. TERPENING, P.E.  
FL. REG. NO. 24276

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

C&T JOB NO. 21-210	
DESIGNED BY	DRAWN BY
JPT 12-14-21	KU 3-26-22
CHECKED BY	CHECKED BY
ER	ER
ENGINEER OF RECORD:	
JAMES P. TERPENING, P.E. NO. 24276	

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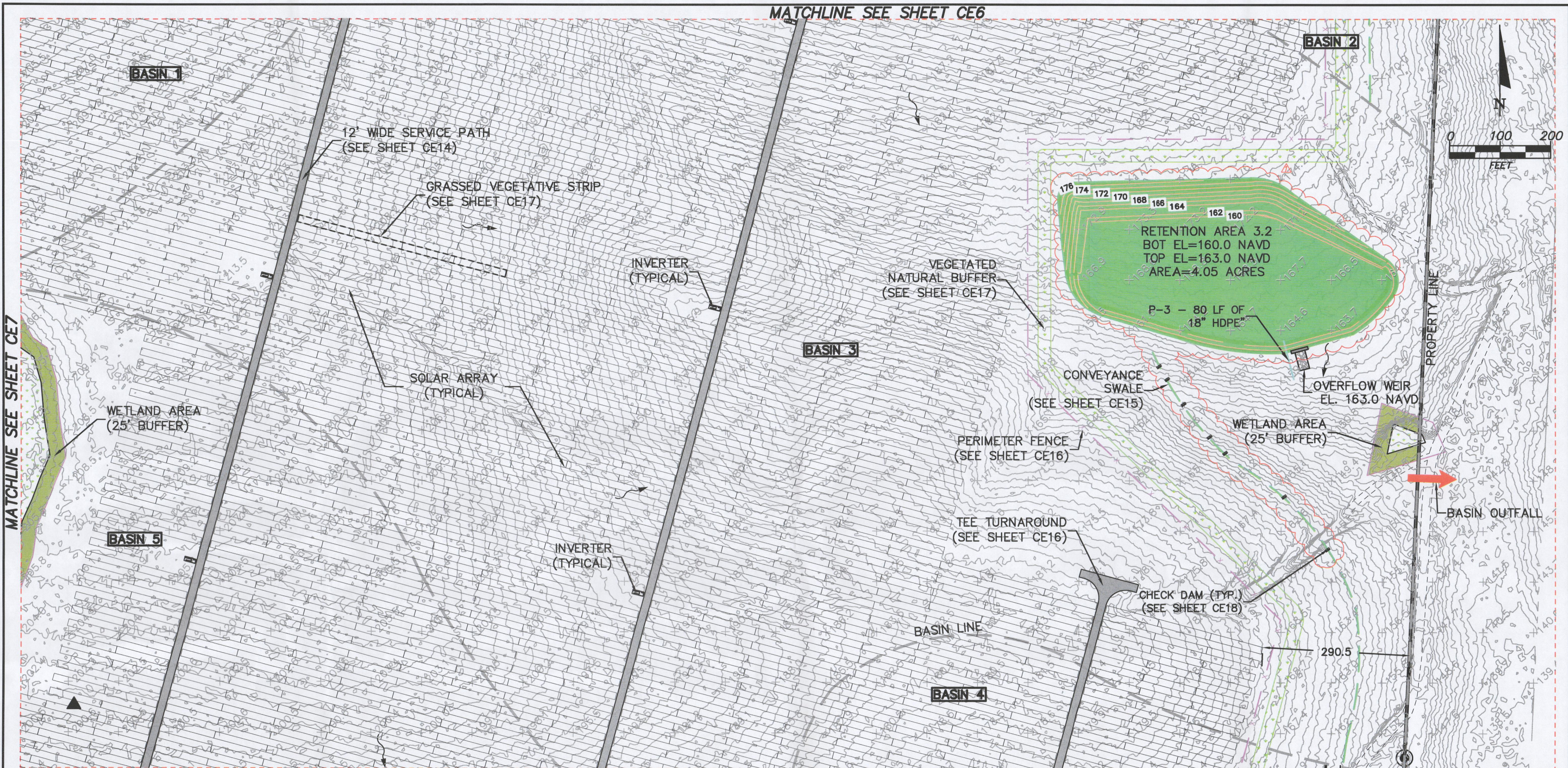
FLORIDA POWER & LIGHT COMPANY
PROJECT NAME
FPL SPARKLEBERRY SOLAR ENERGY CENTER

GRADING PLAN

SHEET NO.  
CE7



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LEGEND

- PROPERTY BOUNDARY
- DITCH FLOW ARROW
- SHEET FLOW ARROW
- OFFSITE CONTRIBUTING FLOW
- BASIN OUTFALL
- BASIN LINE
- CONVEYANCE SWALE
- SERVICE PATH
- EXISTING PATHWAYS
- INVERTER
- LANDSCAPE BUFFER
- FENCE
- EXISTING CONTOURS
- EXISTING EASEMENT
- FLOOD ZONE LIMITS
- BASIN IDENTIFICATION
- CHECK DAM
- EXISTING CULVERT
- PROPOSED CULVERT

- 22.0
- FINISH GRADE
- WETLAND REQUIRE 25' BUFFER
- WQ DRY RETENTION AREA
- 25' VEGETATED NATURAL BUFFER (15% MAX SLOPE)
- FZ
- FEMA FLOOD PLAIN
- PV ARRAY PERIMETER

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JUL 28 2022

JAMES P. TERPENING JR., P.E.  
FL. REG. NO. 24276

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3-27-22	KU	ADDED CONTOUR LABELS TO PONDS & ADDED CHECK DAMS				JPT 12-14-21	KU 3-26-22
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						ER	ER
				ENGINEER OF RECORD: JAMES P. TERPENING JR., P.E. NO. 24276			

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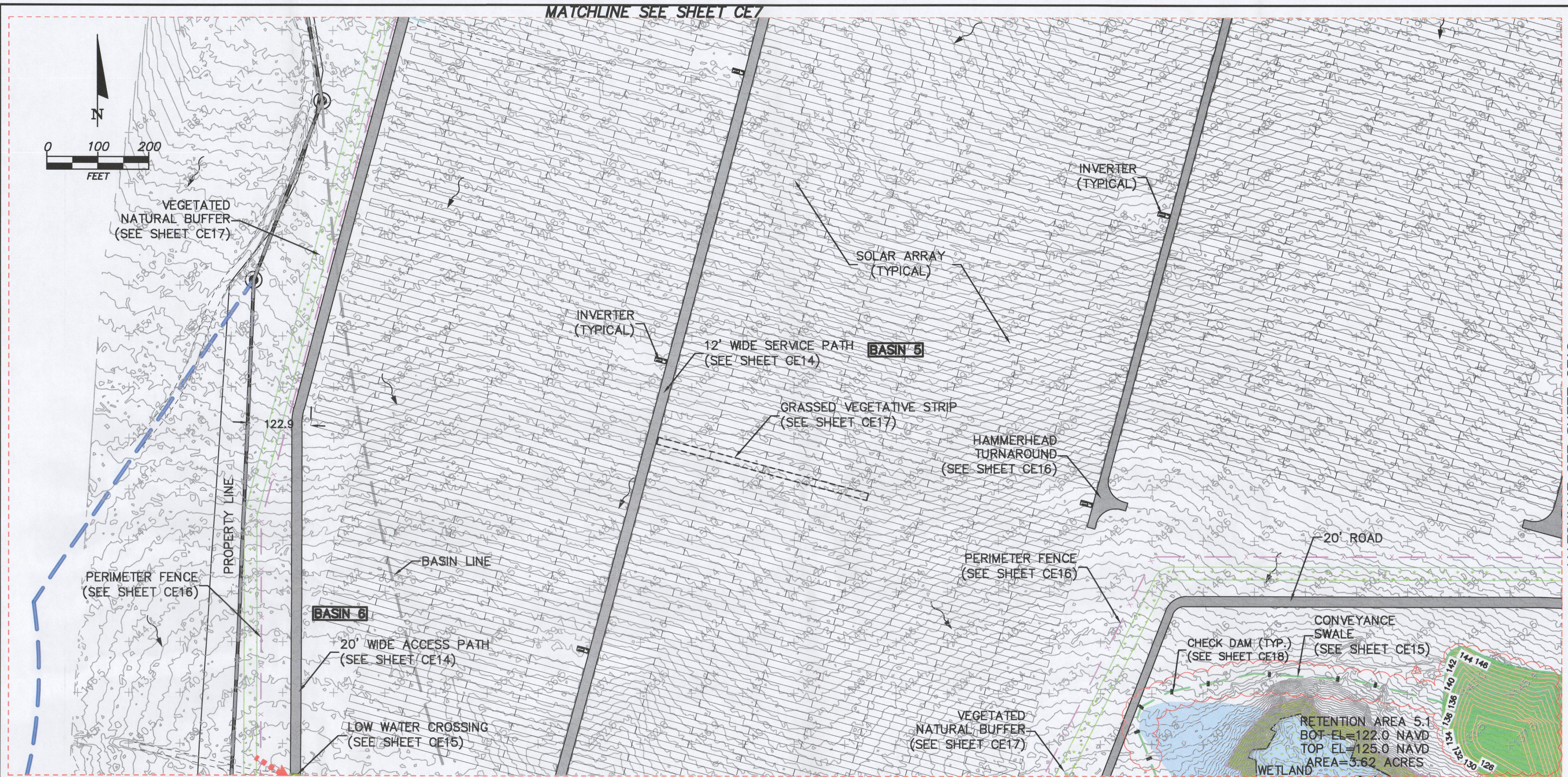
FLORIDA POWER & LIGHT COMPANY
PROJECT NAME
FPL SPARKLEBERRY SOLAR ENERGY CENTER

GRADING PLAN

SHEET NO.
CE8



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**LEGEND**

	PROPERTY BOUNDARY		INVERTER
	DITCH FLOW ARROW		LANDSCAPE BUFFER
	SHEET FLOW ARROW		FENCE
	OFFSITE CONTRIBUTING FLOW		EXISTING CONTOURS
	BASIN OUTFALL		EXISTING EASEMENT
	BASIN LINE		FLOOD ZONE LIMITS
	CONVEYANCE SWALE		BASIN IDENTIFICATION
	SERVICE PATH		CHECK DAM
	EXISTING PATHWAYS		EXISTING CULVERT
			PROPOSED CULVERT

FINISH GRADE  
WETLAND  
WQ DRY RETENTION AREA  
25' VEGETATED NATURAL BUFFER (15% MAX SLOPE)  
FZ  
FEMA FLOOD PLAIN  
PV ARRAY PERIMETER

**MATCHLINE SEE SHEET CE11**

NOTES:

1. INVERTER PADS TO BE THE GREATER OF 12" ABOVE FINISH GRADE OR THE 100 YEAR FLOOD ELEVATION.
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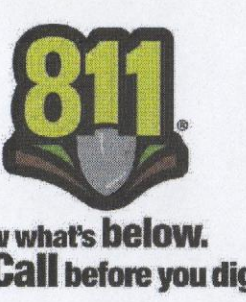
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ENGINEER OF RECORD:  
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FLORIDA POWER & LIGHT COMPANY
PROJECT NAME
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**KEY PLAN**

**GRADING PLAN**

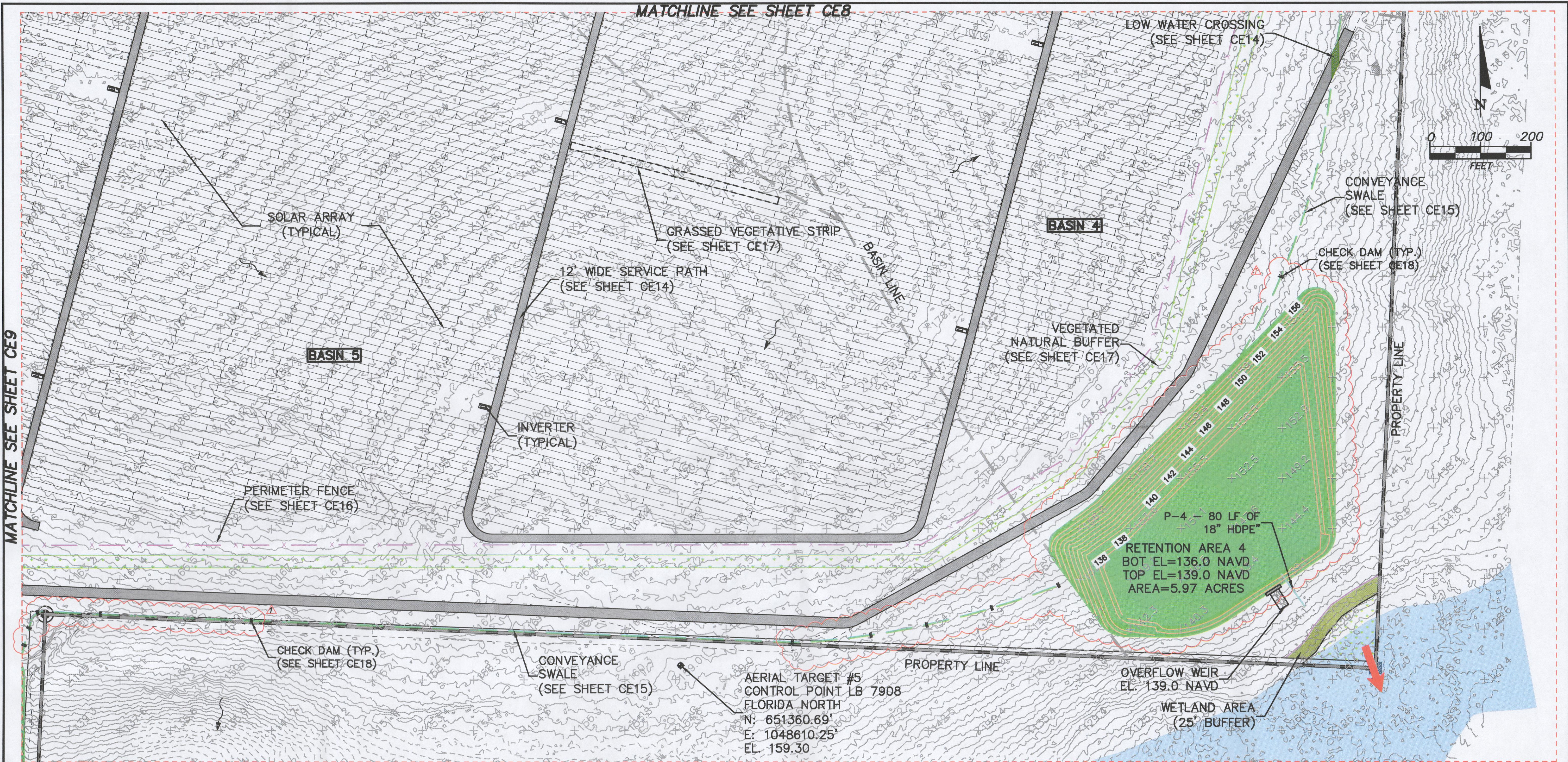


JUL 28 2022

SHEET NO.  
CE9



P:\Proj-2021\21-210 FPL - Sparkleberry Solar Energy Center\Eng\21-210 Base.dwg Plotted: 6/28/2022 5:46 PM By: KITHSRI UDUGAMA



LEGEND

- |  |                           |  |                      |  |  |
|--|---------------------------|--|----------------------|--|--|
|  | PROPERTY BOUNDARY         |  | INVERTER             |  | FINISH GRADE                                 |
|  | DITCH FLOW ARROW          |  | LANDSCAPE BUFFER     |  | WETLAND REQUIRE 25' BUFFER                   |
|  | SHEET FLOW ARROW          |  | FENCE                |  | WQ DRY RETENTION AREA                        |
|  | OFFSITE CONTRIBUTING FLOW |  | EXISTING CONTOURS    |  | 25' VEGETATED NATURAL BUFFER (15% MAX SLOPE) |
|  | BASIN OUTFALL             |  | EXISTING EASEMENT    |  | FZ   |
|  | BASIN LINE                |  | FLOOD ZONE LIMITS    |  | FEMA FLOOD PLAIN                             |
|  | CONVEYANCE SWALE          |  | BASIN IDENTIFICATION |  | PV ARRAY PERIMETER                           |
|  | SERVICE PATH              |  | CHECK DAM            |  |  |
|  | EXISTING PATHWAYS         |  | EXISTING CULVERT     |  |  |
|  |                           |  | PROPOSED CULVERT     |  |  |

- NOTES:
1. INVERTER PADS TO BE THE GREATER OF 12" ABOVE FINISH GRADE OR THE 100 YEAR FLOOD ELEVATION.
  2. ALL WETLANDS, WETLAND BUFFERS RIVERINE SETBACKS/ SHORELINE PROTECTION ZONES, & VEGETATED NATURAL BUFFERS SHALL REMAIN IN THEIR NATURAL, VEGETATED STATE AT ALL TIMES.
  3. PER ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE, ALL PROTECTED TREE REMOVAL, LAND CLEARING, PLACEMENT OF FILL MATERIAL ONSITE, CUTTING, GRADING, EXCAVATING, BERMING, OR ANY OTHER LAND DISTURBING ACTIVITIES THAT MAY ALTER LAND TOPOGRAPHY OR VEGETATIVE COVER SHALL BE PERMITTED OR OTHERWISE APPROVED IN WRITING BY THE COUNTY PRIOR TO INITIATION OF SUCH SITE WORK.



KEY PLAN



JUL 28 2022

JAMES P. TERPENING, P.E.  
FL. REG. NO. 24276

REVISIONS			C&T JOB NO. 21-210		
DATE	BY	DESCRIPTION	DESIGNED BY	DRAWN BY	
3-27-22	KU	ADDED CONTOUR LABELS TO PONDS & ADDED CHECK DAMS	JPT 12-14-21	KU 3-26-22	
DATE	BY	DESCRIPTION	CHECKED BY	CHECKED BY	
			ER	ER	

ENGINEER OF RECORD:  
JAMES P. TERPENING, P.E., P.E. NO. 24276

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PHONE 772-464-3537 • FAX 772-464-9497 • www.ct-eng.com  
STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286

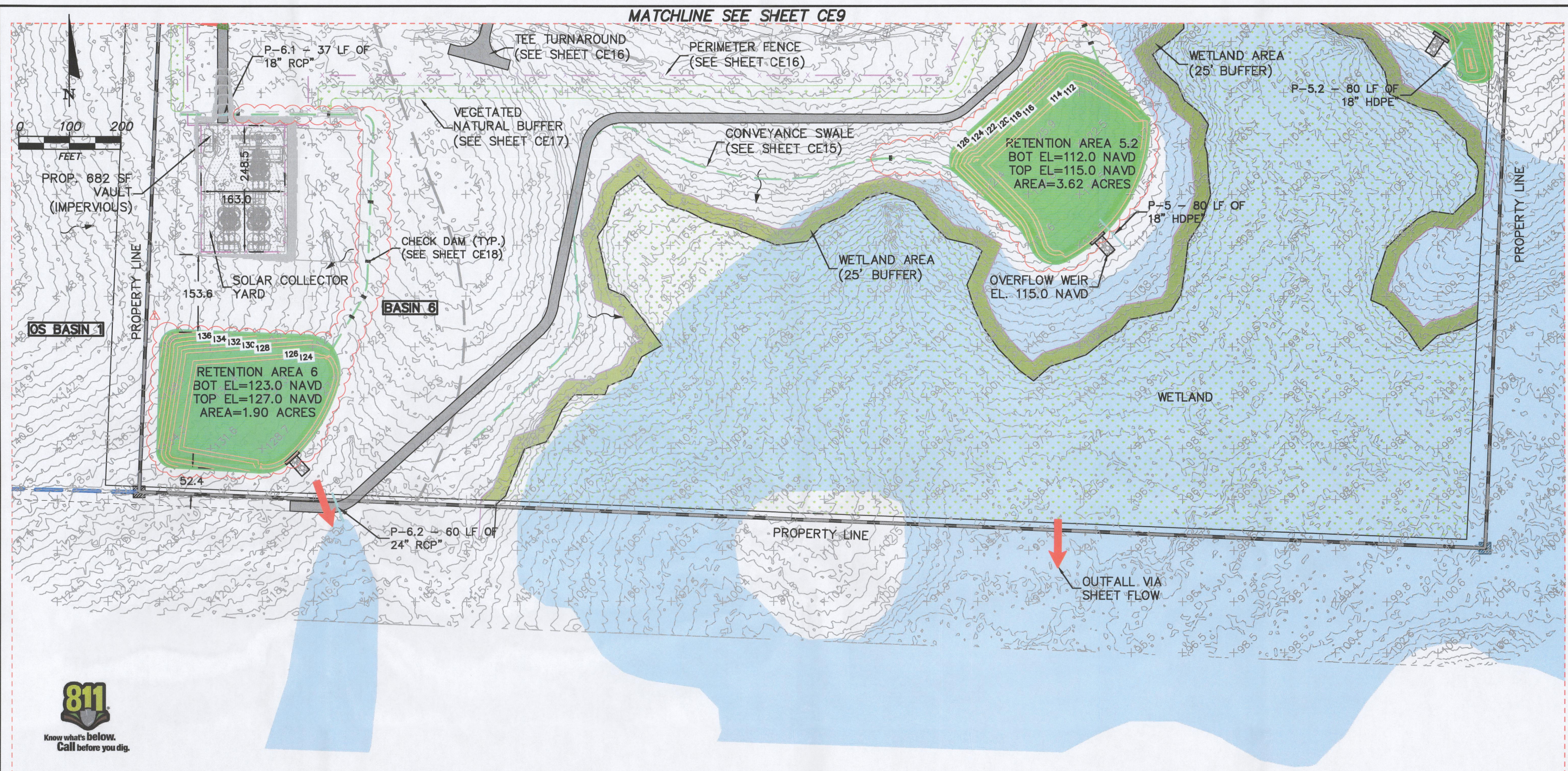
FLORIDA POWER & LIGHT COMPANY
PROJECT NAME
FPL SPARKLEBERRY SOLAR ENERGY CENTER

GRADING PLAN

SHEET NO.  
CE10



P:\Proj-2021\21-210 FPL - Sparkleberry Solar Energy Center\Eng\21-210 Base.dwg Plotted: 6/29/2022 11:36 AM By: KITHSI UDUGAMA



**LEGEND**

- PROPERTY BOUNDARY
- DITCH FLOW ARROW
- SHEET FLOW ARROW
- OFFSITE CONTRIBUTING FLOW
- BASIN OUTFALL
- BASIN LINE
- CONVEYANCE SWALE
- SERVICE PATH
- EXISTING PATHWAYS
- INVERTER
- LANDSCAPE BUFFER
- FENCE
- EXISTING CONTOURS
- EXISTING EASEMENT
- FZ FLOOD ZONE LIMITS
- BASIN BASIN IDENTIFICATION
- CHECK DAM
- EXISTING CULVERT
- PROPOSED CULVERT
- FINISH GRADE
- WETLAND REQUIRE 25' BUFFER
- WQ DRY RETENTION AREA
- 25' VEGETATED NATURAL BUFFER (15% MAX SLOPE)
- FZ FEMA FLOOD PLAIN
- PV ARRAY PERIMETER

NOTES:  
1. INVERTER PADS TO BE THE GREATER OF 12" ABOVE FINISH GRADE OR THE 100 YEAR FLOOD ELEVATION.  
2. ALL WETLANDS, WETLAND BUFFERS RIVERINE SETBACKS/ SHORELINE PROTECTION ZONES, & VEGETATED NATURAL BUFFERS SHALL REMAIN IN THEIR NATURAL, VEGETATED STATE AT ALL TIMES.  
3. PER ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE, ALL PROTECTED TREE REMOVAL, LAND CLEARING, PLACEMENT OF FILL MATERIAL ONSITE, CUTTING, GRADING, EXCAVATING, BERMING, OR ANY OTHER LAND DISTURBING ACTIVITIES THAT MAY ALTER LAND TOPOGRAPHY OR VEGETATIVE COVER SHALL BE PERMITTED OR OTHERWISE APPROVED IN WRITING BY THE COUNTY PRIOR TO INITIATION OF SUCH SITEWORK.



REVISIONS				C&T JOB NO. 21-210			
DATE	BY	DESCRIPTION	DATE	DESIGNED BY	DRAWN BY	CHECKED BY	CHECKED BY
3-27-22	KU	ADDED CONTOUR LABELS TO PONDS & ADDED CHECK DAMS		JPT 12-14-21	KU 3-26-22	ER	

ENGINEER OF RECORD:  
JAMES P. TERPENING JR., P.E. NO. 24276

DESIGNED BY  
JPT 12-14-21

DRAWN BY  
KU 3-26-22

CHECKED BY  
ER

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FLORIDA POWER & LIGHT COMPANY
PROJECT NAME
FPL SPARKLEBERRY SOLAR ENERGY CENTER

GRADING PLAN

JUL 28 2022

JAMES P. TERPENING JR. P.E.  
FL. REG. NO. 24276

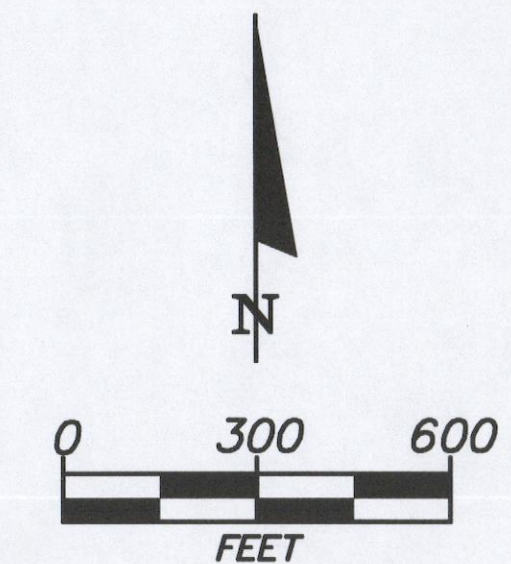
SHEET NO.
CE11



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SINGLE ROW SILT FENCE  
PER FDEP V-40 (TYPICAL)

MAINTAIN SOIL TRACKING  
PREVENTION DEVICE  
PER FDEP V-52



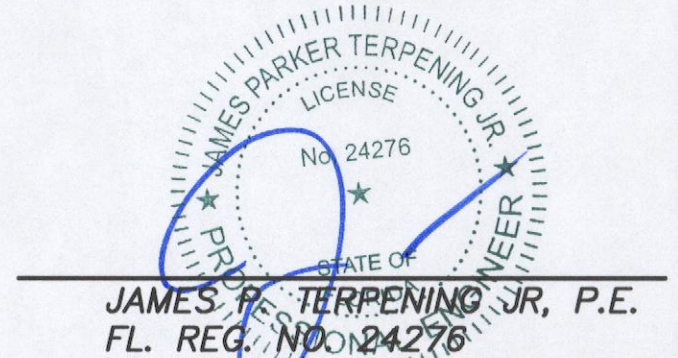
LEGEND

- PROJECT BOUNDARY
- SILT FENCE
- CONVEYANCE SWALE
- INVERTER
- TURN-AROUND
- SERVICE PATHS
- SOIL TRACKING PREVENTION DEVICE
- RETENTION AREA
- OFFSITE CONTRIBUTING FLOW BASIN OUTFALL
- SHEET FLOW ARROW
- CHECK DAM

NOTES:

- ALL WETLANDS, WETLAND BUFFERS RIVERINE SETBACKS/ SHORELINE PROTECTION ZONES, & VEGETATED NATURAL BUFFERS SHALL REMAIN IN THEIR NATURAL, VEGETATED STATE AT ALL TIMES.
- PER ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE, ALL PROTECTED TREE REMOVAL, LAND CLEARING, PLACEMENT OF FILL MATERIAL ONSITE, CUTTING, GRADING, EXCAVATING, BERMING, OR ANY OTHER LAND DISTURBING ACTIVITIES THAT MAY ALTER LAND TOPOGRAPHY OR VEGETATIVE COVER SHALL BE PERMITTED OR OTHERWISE APPROVED IN WRITING BY THE COUNTY PRIOR TO INITIATION OF SUCH SITE WORK.

JUL 28 2022



MAINTAIN SOIL TRACKING  
PREVENTION DEVICE  
PER FDEP V-52

SINGLE ROW SILT FENCE  
PER FDEP V-40 (TYPICAL)

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
3-27-22	KU	ADDED CONTOUR LABELS TO PONDS & ADDED CHECK DAMS			

C&T JOB NO. 21-210	
DESIGNED BY JPT 12-14-21	DRAWN BY KU 3-26-22
CHECKED BY ER	CHECKED BY ER
ENGINEER OF RECORD: JAMES P. TERPENING JR., P.E. NO. 24276	



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FLORIDA POWER & LIGHT COMPANY

PROJECT NAME

FPL SPARKLEBERRY SOLAR ENERGY CENTER

EROSION CONTROL PLAN

SHEET NO.

CE12



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TABLE1-TREE SURVEY			
TREE ID	COMMON NAME	SCIENTIFIC NAME	DBH (IN)
T-1	SOUTHERN RED OAK	QUERCUS FALCATA	40.0
T-2	WATER OAK	QUERCUS NIGRA	20.6
T-3	SOUTHERN MAGNOLIA	MAGNOLIA GRANDIFLORA	14.5
T-4	SOUTHERN MAGNOLIA	MAGNOLIA GRANDIFLORA	16.0
T-5	SOUTHERN MAGNOLIA	MAGNOLIA GRANDIFLORA	16.6
T-6	SWEETGUM	LIQUIDAMBAR STYRACIFLUA	12.5
T-7	LAUREL OAK	QUERCUS LAURIFOLIA	15.5
T-8	SWEETGUM	LIQUIDAMBAR STYRACIFLUA	12.5
T-9	WATER OAK	QUERCUS NIGRA	16.5
T-10	WATER OAK	QUERCUS NIGRA	13.7
T-11	SOUTHERN RED OAK	QUERCUS FALCATA	29.0
T-12	SWEETGUM	LIQUIDAMBAR STYRACIFLUA	12.5
T-13	WATER OAK	QUERCUS NIGRA	15.5
T-14	WATER OAK	QUERCUS NIGRA	16.5
T-15	SOUTHERN RED OAK	QUERCUS FALCATA	15.5
T-16	WATER OAK	QUERCUS NIGRA	12.2
T-17	WATER OAK	QUERCUS NIGRA	12.3
T-18	WATER OAK	QUERCUS NIGRA	14.5

\*SEE TREE SURVEY BY GOLDER ON 6-12-2021 FOR TREE IDS  
TOTAL DBH (IN) EQUALS 306.4 INCHES.

TABLE 2- WETLAND					
WL & SW ID	WL & SW TYPE (FLUCFCS)	WL & SW SIZE (ac.)	WETLAND IMPACTS (Ac.)	WL & SW BUFFER (ac.)	WETLAND SETBACK (ft)
WELAND 1	630.00	25.93	0.00	3.13	25.0
WELAND 2	641.00	2.56	0.00	1.1	25.0
WELAND 3	630.00	0.29	0.00	0.16	25.0
WETLAND 4	641.00	0.05	0.00	0.16	25.0
TOTAL		28.83	0.00	4.55	

- NOTES:
- ALL WETLANDS, WETLAND BUFFERS RIVERINE SETBACKS/ SHORELINE PROTECTION ZONES, & VEGETATED NATURAL BUFFERS SHALL REMAIN IN THEIR NATURAL, VEGETATED STATE AT ALL TIMES.
  - ALL ADEQUATE TREE PROTECTION MEASURES AND BARRICADES SHALL BE PROPERLY INSTALLED PRIOR TO SITE DISTURBANCE, INSPECTED REGULARLY, AND MAINTAINED IN GOOD WORKING ORDER UNTIL PROJECT IS COMPLETE AND SITE BECOMES STABILIZED.
  - PER ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE, ALL PROTECTED TREE REMOVAL, LAND CLEARING, PLACEMENT OF FILL MATERIAL ONSITE, CUTTING, GRADING, EXCAVATING, BERMING, OR ANY OTHER LAND DISTURBING ACTIVITIES THAT MAY ALTER LAND TOPOGRAPHY OR VEGETATIVE COVER SHALL BE PERMITTED OR OTHERWISE APPROVED IN WRITING BY THE COUNTY PRIOR TO INITIATION OF SUCH SITE WORK.
  - ALL GOPHER TORTOISE HAVE BEEN RELOCATED FROM THE PROJECT AREA UNDER PERMIT No. GTC-22-00225
  - ALL WETLANDS, TREES, AND LAND USE BOUNDARIES DEPICTED ON THIS SHEET HAVE BEEN DELINEATED BY GOLDER.
  - 93" OF PROTECTED TREES PROPOSED FOR REMOVAL FOR THIS PROJECT X .5 (REPLACEMENT RATIO) = 47 CALIPER INCHES (CI'S) REQUIRED TO BE REPLACED/ MITIGATED.  
47 CI'S/2.5 CI'S REQUIRED FOR EACH REPLACEMENT TREE=19 TREES  
19 X \$350 EACH PER TREE PER ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE & CURRENT FEE SCHEDULE = \$6,650.  
A CONTRIBUTION TO ESCAMBIA COUNTY'S TREE RESTORATION FUND IN THIS AMOUNT SHALL BE MADE PRIOR TO THE RELEASE FOR THE PROJECT'S DEVELOPMENT ORDER (DO)


JUL 28 2022

JAMES P. TERPENING JR., P.E.  
FL. REG. NO. 24276



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

C&T JOB NO. 21-210	
DESIGNED BY JPT 12-14-21	DRAWN BY KU 3-26-22
CHECKED BY ER	CHECKED BY ER
ENGINEER OF RECORD: JAMES P. TERPENING JR., P.E. NO. 24276	



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STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286

FLORIDA POWER & LIGHT COMPANY
PROJECT NAME
FPL SPARKLEBERRY SOLAR ENERGY CENTER

ENVIRONMENTALLY SENSITIVE AREAS	SHEET NO. CE13
---------------------------------	-------------------



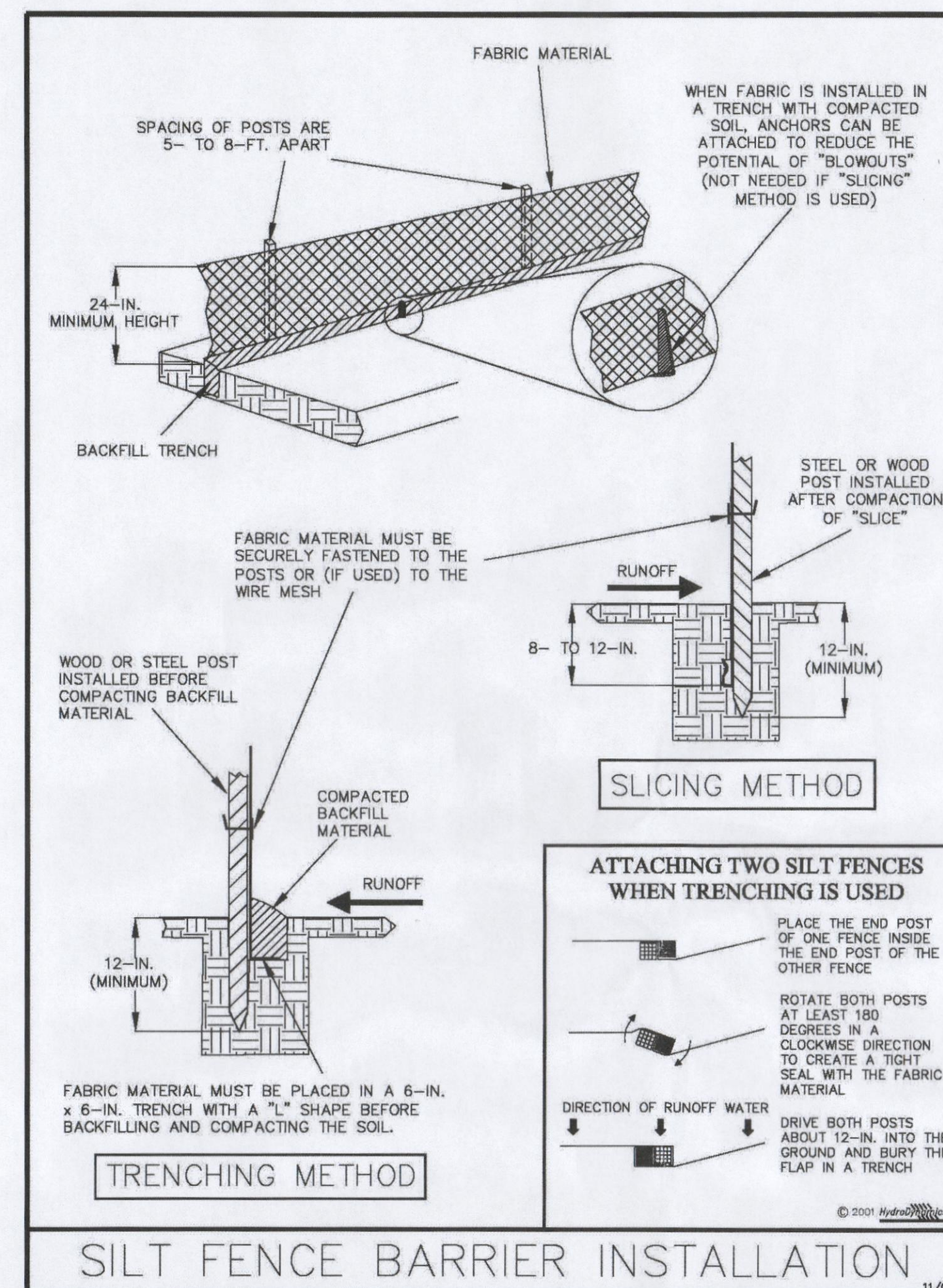


Figure V-40: Illustration of a Silt Fence Barrier

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V-7

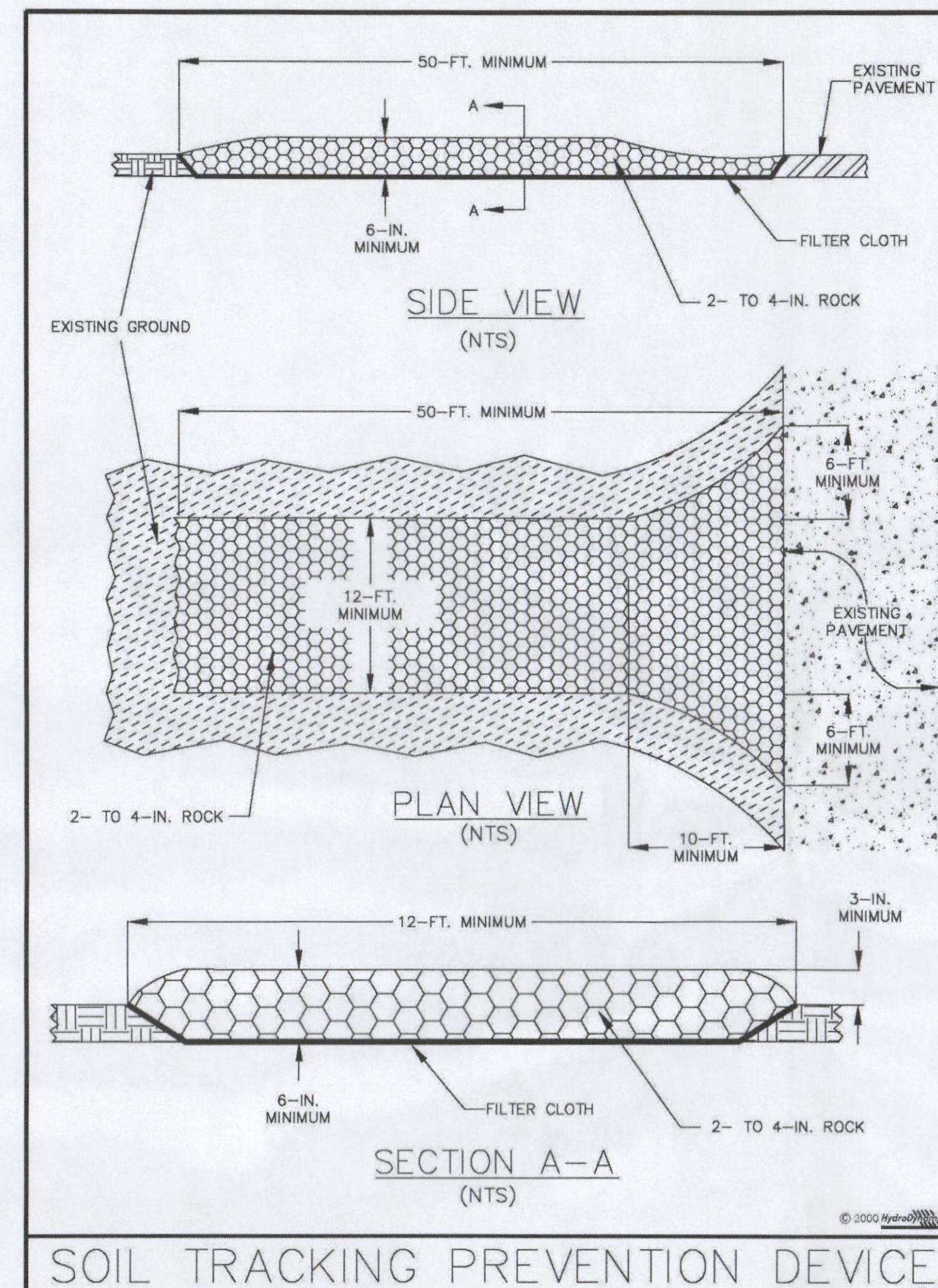


Figure V-52: Illustration of a Soil Tracking Prevention Device

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V-31

## GENERAL NOTES:

BEST MANAGEMENT PRACTICES (BMPs) WILL BE IMPLEMENTED DURING THE CONSTRUCTION PHASE AND DURING THE OPERATION PHASE TO ENSURE THE SITE IS STABILIZED WITH PERMANENT VEGETATIVE COVER. PRIOR TO CONSTRUCTION, A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) WILL BE DEVELOPED THAT WILL INCLUDE IMPLEMENTATION OF SPECIFIC BMPs FOR GRASSING DISTRIBUTED BARE SOIL AND BARE SPOT AREAS, COMPLETING INSPECTIONS OF DISTURBED AREAS AND RE-GRASSING, IF NECESSARY TO ACHIEVE STABILIZATION. VEGETATION WILL BE ESTABLISHED BY SEEDING/FERTILIZATION, HYDROSEEDING, AND/OR SODDING. SEED BLENDS WILL INCLUDE MIXTURES OF BAHIA, MILLET, AND/OR RYEGRASS (BASED ON SEASONAL VARIABILITY AND MATERIAL AVAILABILITY). THROUGH INSPECTIONS AND IMPLEMENTATION OF BMPs TO ESTABLISH VEGETATION WITHIN THE PANEL AREAS AND VNB AREAS, SITE CONDITIONS REPRESENTATIVE OF THE DESIGN POST-DEVELOPMENT LAND COVER CONDITIONS WILL BE ACHIEVED. THE REQUEST TO CONVERT THE SITE FROM CONSTRUCTION PHASE TO OPERATION PHASE WILL NOT BE SUBMITTED TO FDEP UNTIL FINAL STABILIZATION IS ACHIEVED ACROSS THE SITE (70% VEGETATION DENSITY OR GREATER). AT A MINIMUM, THE OPERATION & MAINTENANCE PROCEDURES INCLUDED IN THE STORMWATER MANAGEMENT PLAN WILL BE FOLLOWED DURING THE OPERATION PHASE TO ENSURE THE SITE STORMWATER MANAGEMENT BMPs ARE FUNCTIONING AS PERMITTED AND DESIGNED, AND CORRECTIVE ACTIONS (INCLUDING STABILIZATION) ARE TAKEN NECESSARY.

JUL 28 2022

JAMES P. TERPENING, JR., P.E.  
FL. REG. NO. 24276

REVISIONS			
DATE	BY	REV	DESCRIPTION

C&T JOB NO. 21-210	
DESIGNED BY	DRAWN BY
JPT 12-14-21	KU 2-17-22
CHECKED BY	CHECKED BY
JPT 2-17-22	ER 2-17-22
ENGINEER OF RECORD:	
JAMES P. TERPENING, JR., P.E. NO. 24276	



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FLORIDA POWER &amp; LIGHT COMPANY

PROJECT NAME

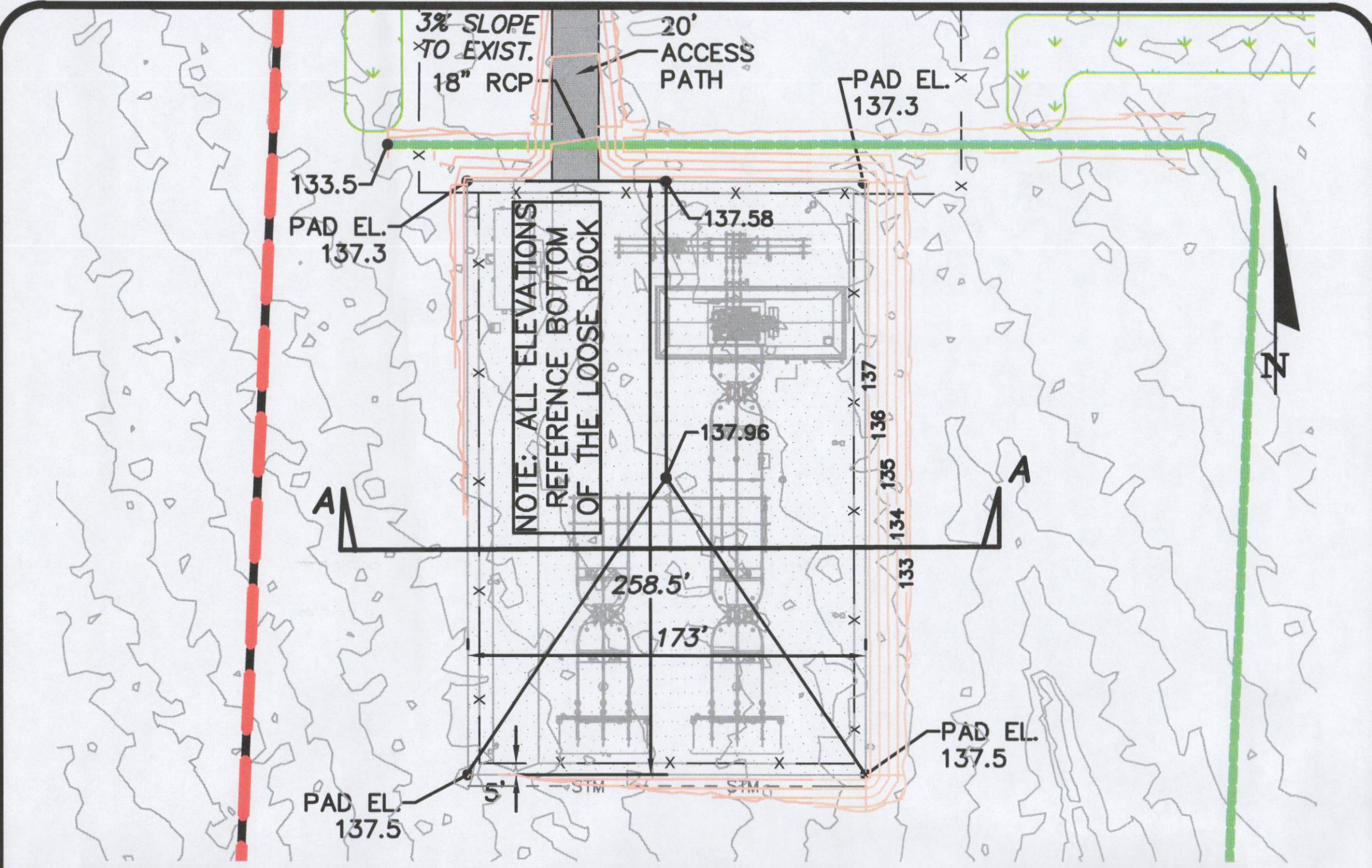
FPL SPARKLEBERRY SOLAR ENERGY CENTER

SWPP DETAILS

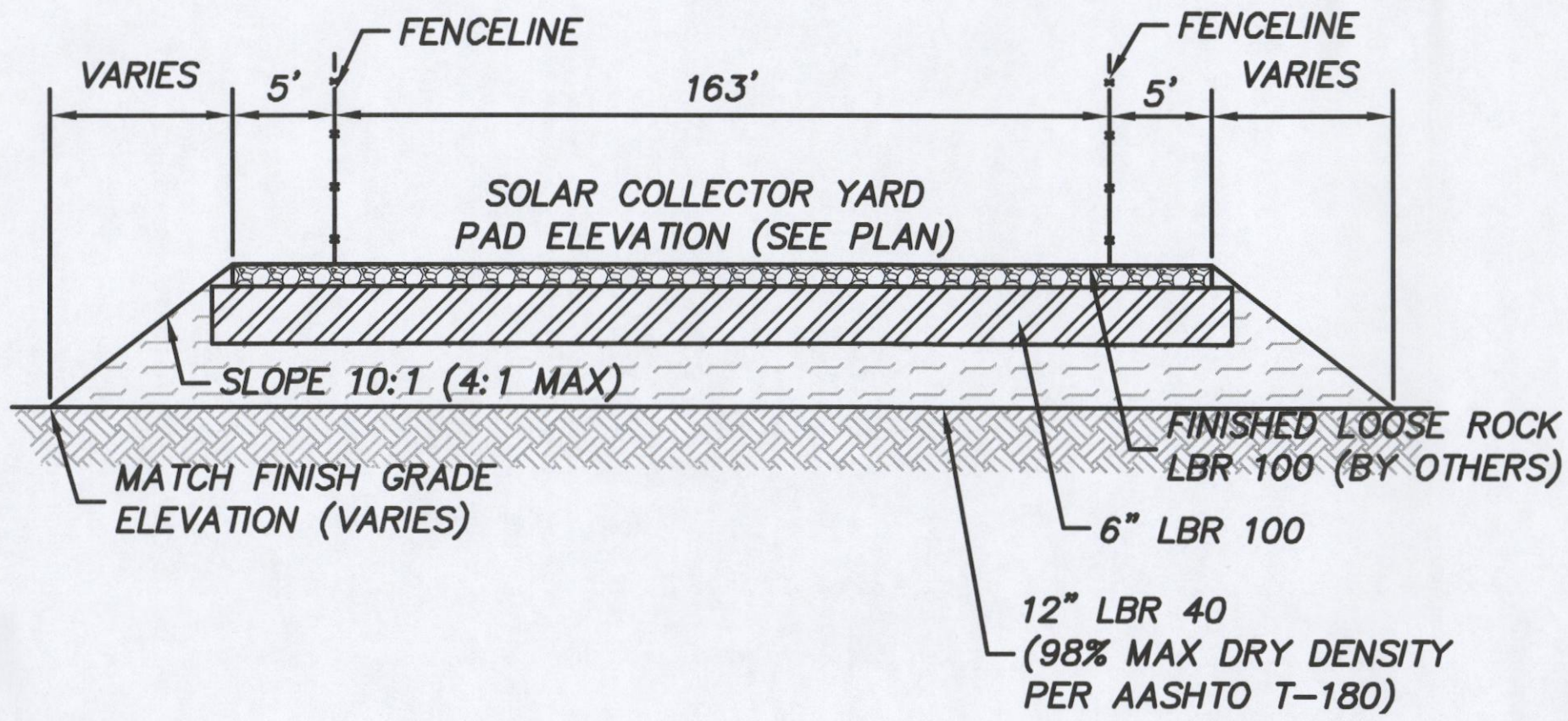
SHEET NO.

CE14

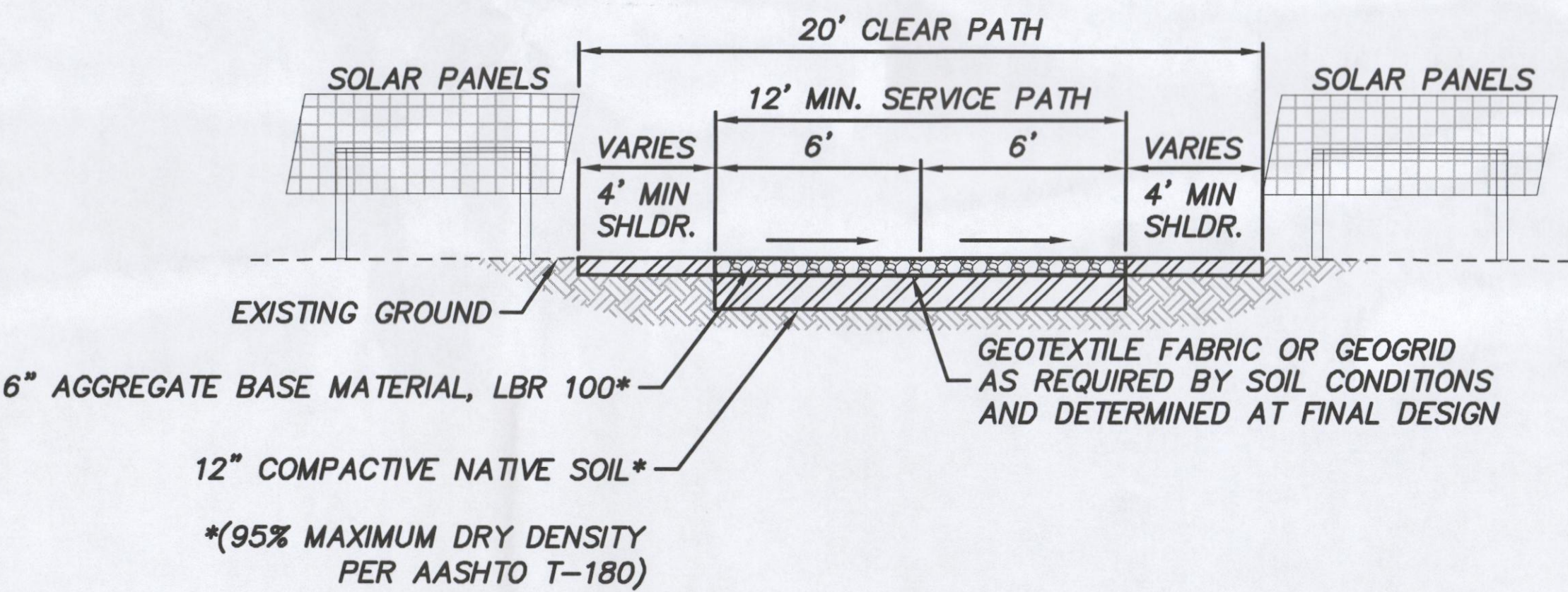




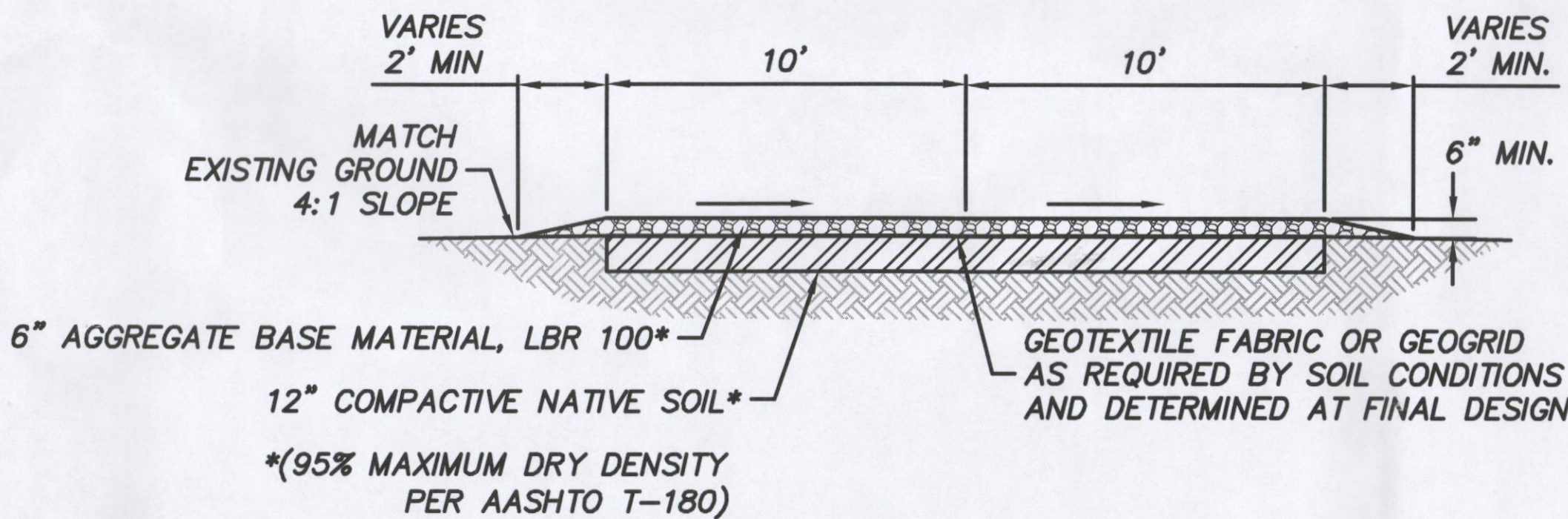
**SOLAR COLLECTOR YARD DETAIL**  
1"=100'



**SOLAR COLLECTOR YARD SEC. A-A**  
NOT TO SCALE

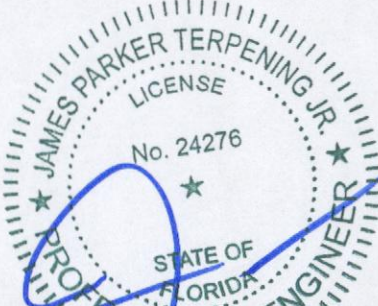


**TYPICAL 12' SERVICE PATH**  
NOT TO SCALE



**20' WIDE ACCESS PATH**  
NOT TO SCALE

JUL 28 2022




JAMES P. TERPENING JR., P.E.  
FL. REG. NO. 24276

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REVISIONS			
DATE	BY	REV	DESCRIPTION

C&T JOB NO. 21-210	
DESIGNED BY	DRAWN BY
JPT 12-14-21	KU 2-17-22
CHECKED BY	CHECKED BY
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ENGINEER OF RECORD:	
JAMES P. TERPENING JR., P.E. NO. 24276	



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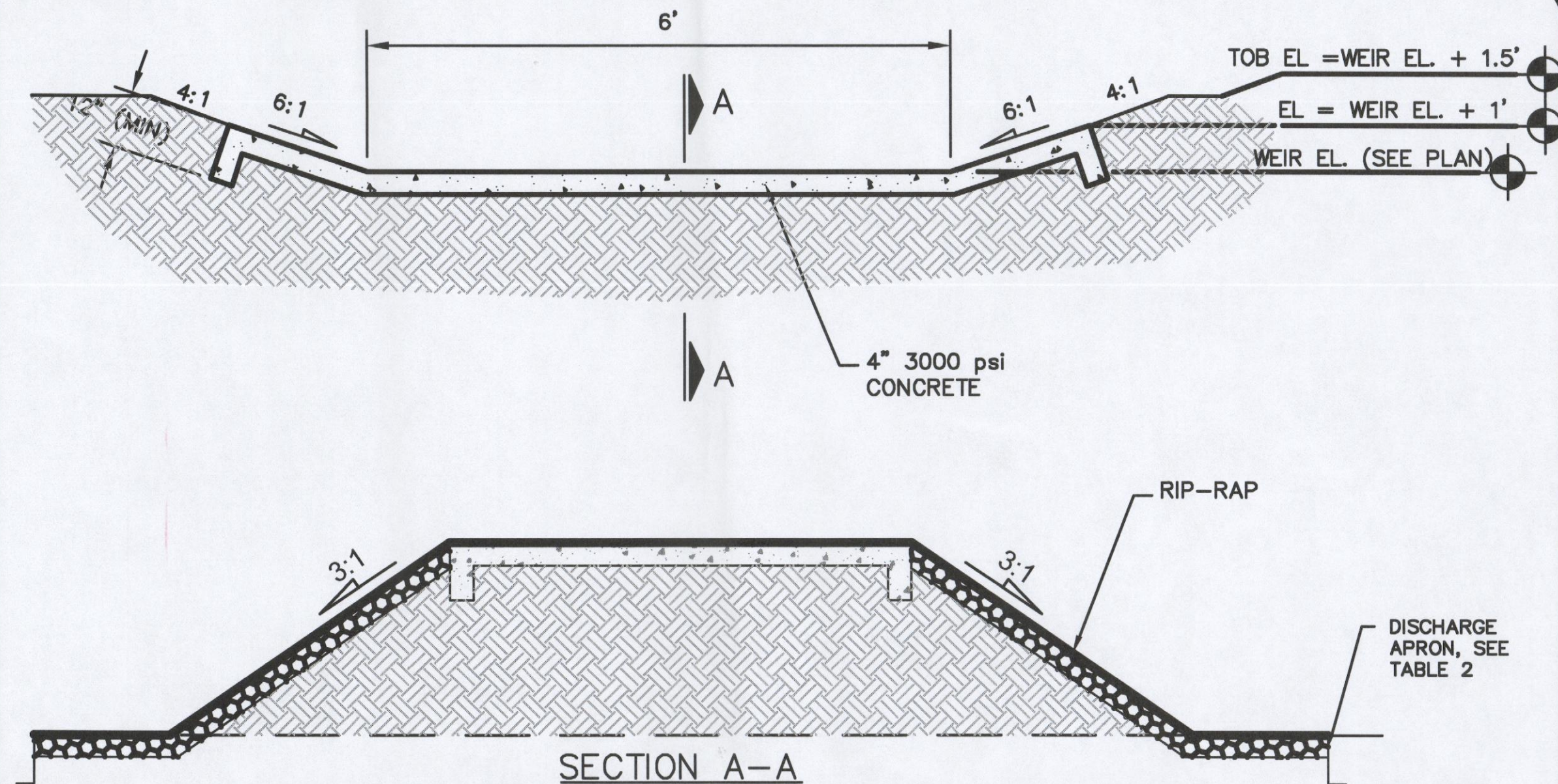
FLORIDA POWER & LIGHT COMPANY
PROJECT NAME
FPL SPARKLEBERRY SOLAR ENERGY CENTER

<b>DETAILS &amp; TYPICAL SECTIONS</b>
---------------------------------------

SHEET NO.
CE15



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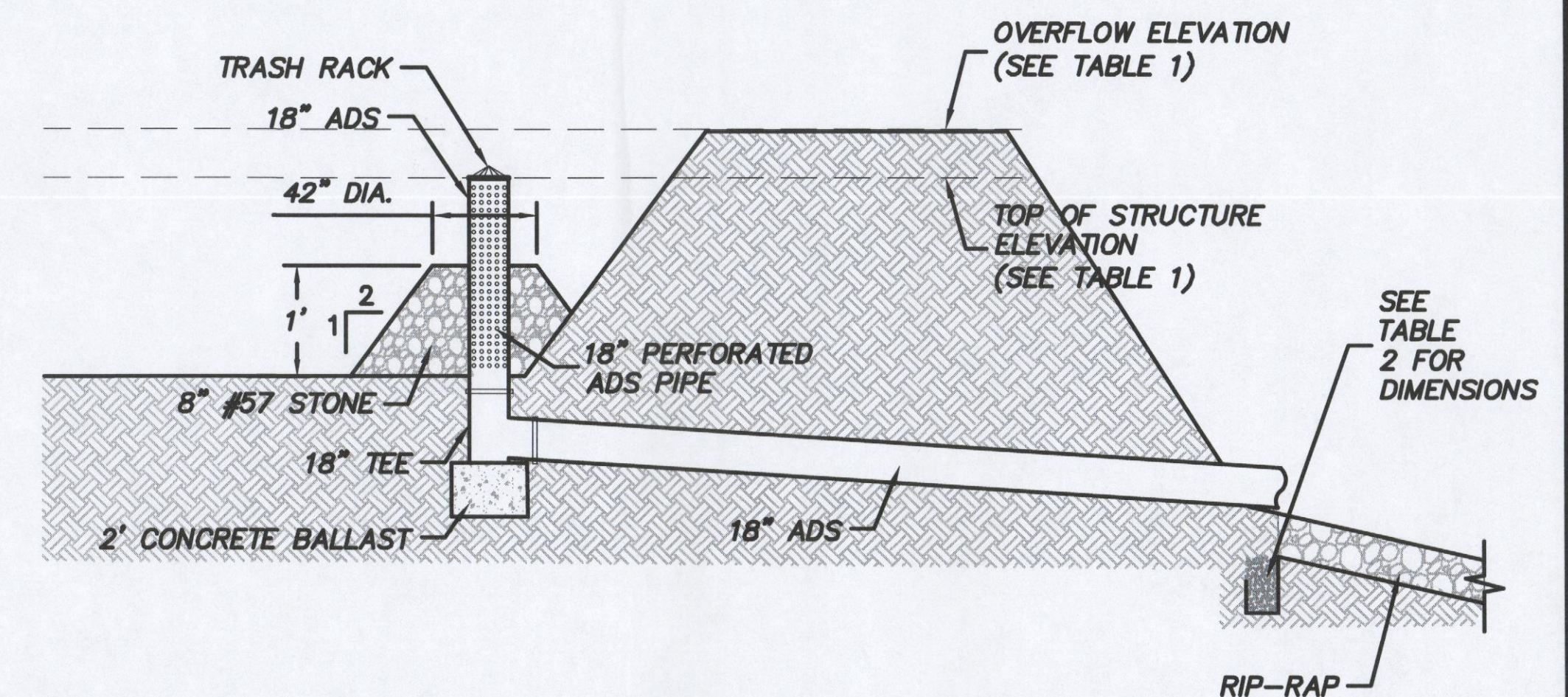


**WEIR OVERFLOW DETAIL**  
NOT TO SCALE

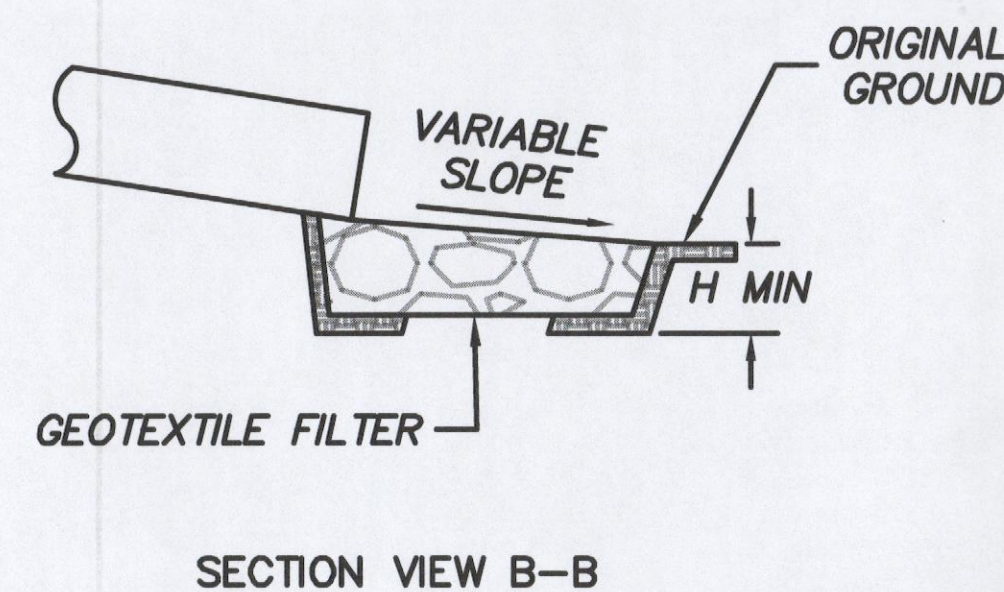
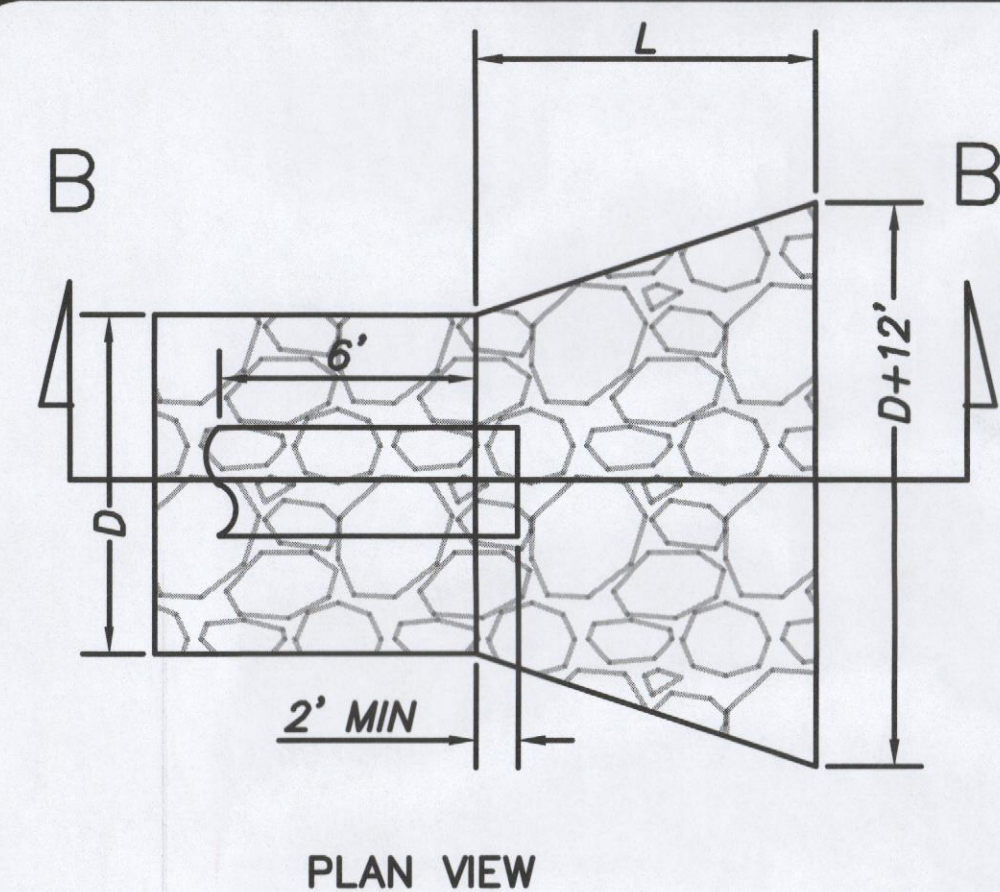
**NOTES:**

1. INSTALLATION SHALL BE IN ACCORDANCE WITH THESE SPECIFICATIONS, THE AREA TO RECEIVE RIPRAP SHALL BE LINED WITH FILTER FABRIC AND 6" OF BEDDING STONE, ROCK RUBBLE SHALL BE PLACED IN 2 LAYERS FOR A TOTAL DEPTH OF 18" TO PRODUCE A REASONABLY WELL GRADED MASS OF STONE WITH THE MINIMUM PRACTICAL PERCENTAGE OF VOIDS.
2. THE ROCK RUBBLE SHALL BE BROKEN STONE CONFORMING THESE SPECIFICATIONS.
3. THE BEDDING STONE SHALL CONFORM TO SECTION 901-1 OF THE FDOT SPECIFICATIONS FOR NUMBER 4 COURSE AGGREGATE.
4. CONTRACTOR SHALL USE WOVEN GEOTEXTILE AMOCO FABRIC TYPE 2044 OR EQUAL NON-BIODEGRADABLE.

**WEIR RIP RAP NOTES**  
NOT TO SCALE



**RETENTION AREA OUTFALL**  
NOT TO SCALE



**ENERGY DISSIPATER DETAIL**  
NOT TO SCALE

**Table No. 2**  
**Apron Dimensions**

Pond	Outlet Pipe (in)	Apron Length	Apron Length L (ft)	Apron Width D (ft)	Apron Depth H (ft)
1.1	18	4D	6.00	8.50	1.00
1.2	18	4D	6.00	8.50	1.00
2	18	4D	6.00	8.50	1.50
3.2	18	4D	6.00	8.50	1.00
4	18	4D	6.00	8.50	1.50
5	18	4D	6.00	8.50	1.00
5.2	18	4D	6.00	8.50	1.00
6	24	6D	9.00	12.00	2.50

**Note:**

- 1) Stone bedding shall conform to Rip-Rap general notes.
- 2) Rip-Rap shall be a minimum diameter of 12".

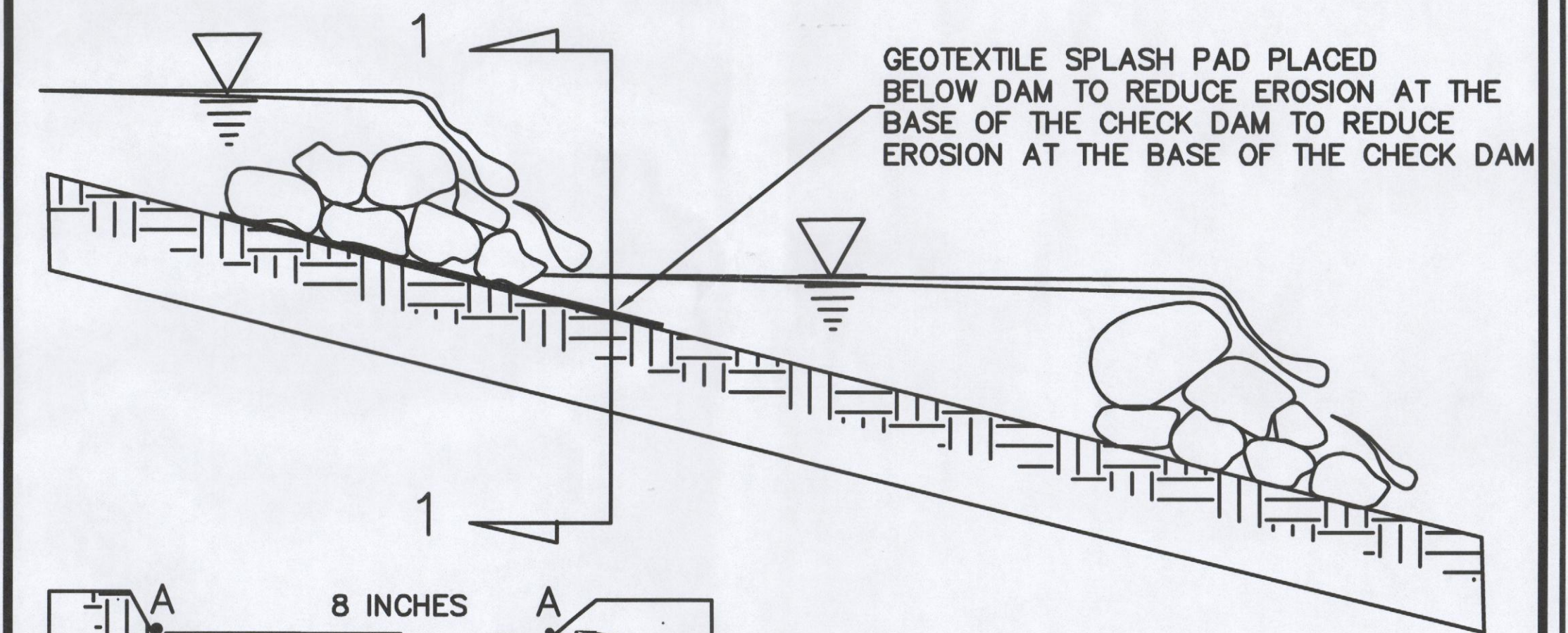
**NOTES:**

1. SEE TABLE 2 FOR DIMENSIONS.

**Table No. 1**

**Retention Area Outfall Data**

Outfall ID	Structure Top Elevation (NAVD)	Overflow Elevation (NAVD)
Retention Area 1.1	159.33	162.00
Retention Area 2	168.33	171.00
Retention Area 3	160.64	163.00
Retention Area 4	136.13	139.00
Retention Area 5	113.82	115.00
Retention Area 6	123.14	126.00



**CHECK DAM DETAIL**  
NOT TO SCALE

**REVISIONS**

DATE	BY	REV	DESCRIPTION

C&T JOB NO. 21-210	
DESIGNED BY JPT 12-14-21	DRAWN BY KU 2-17-22
CHECKED BY JPT 2-17-22	CHECKED BY ER 2-17-22
ENGINEER OF RECORD: JAMES P. TERPENING JR., P.E. NO. 24276	



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FLORIDA POWER & LIGHT COMPANY

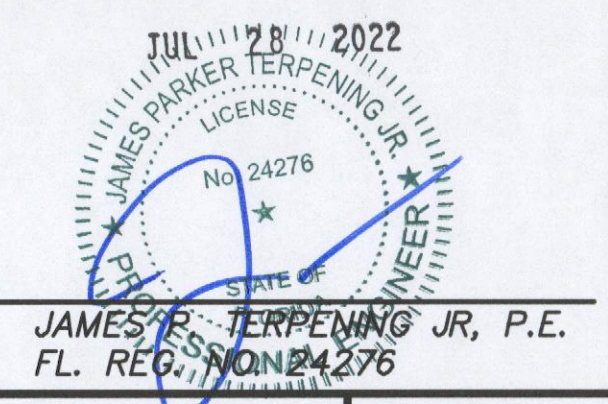
PROJECT NAME

FPL SPARKLEBERRY SOLAR ENERGY CENTER

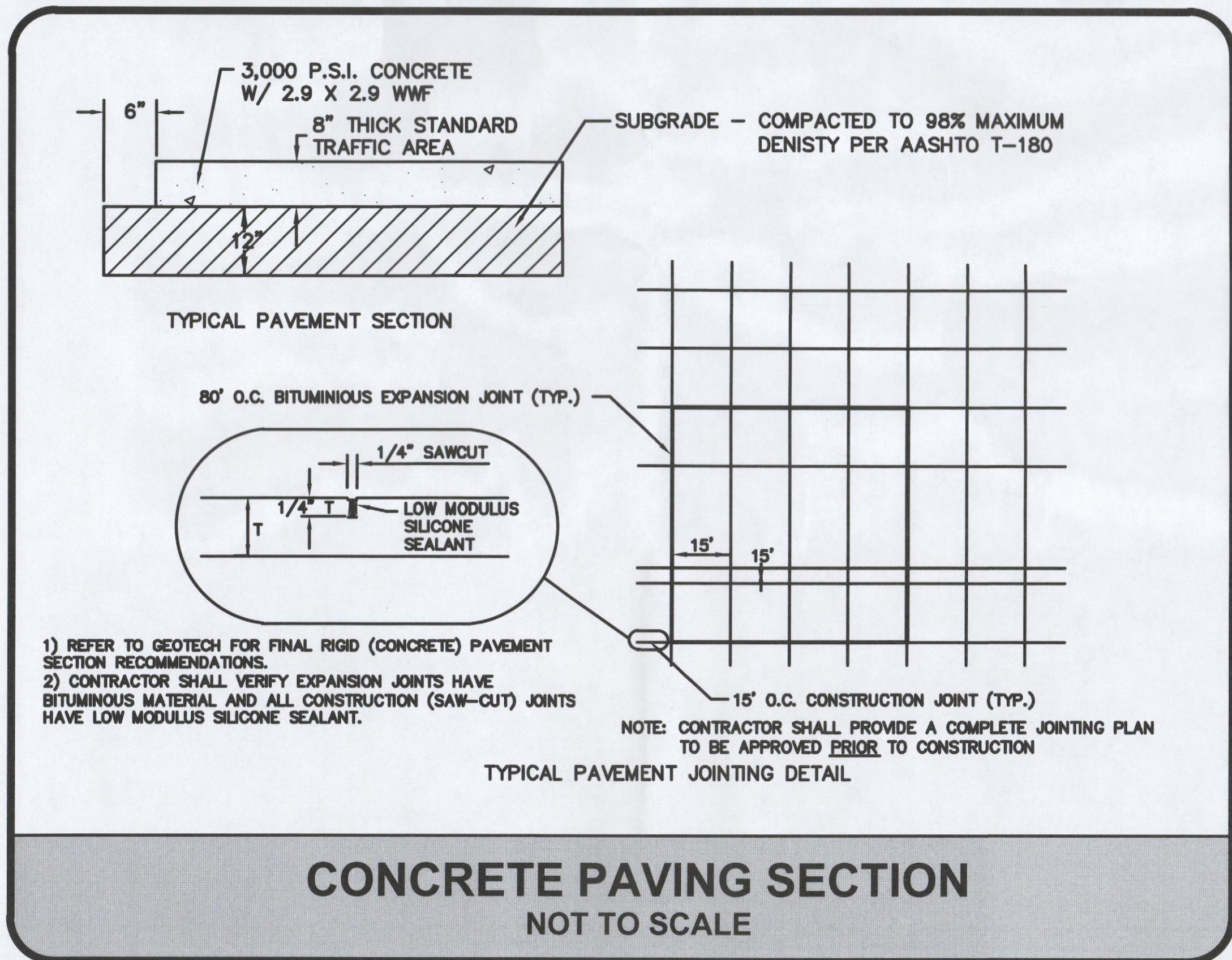
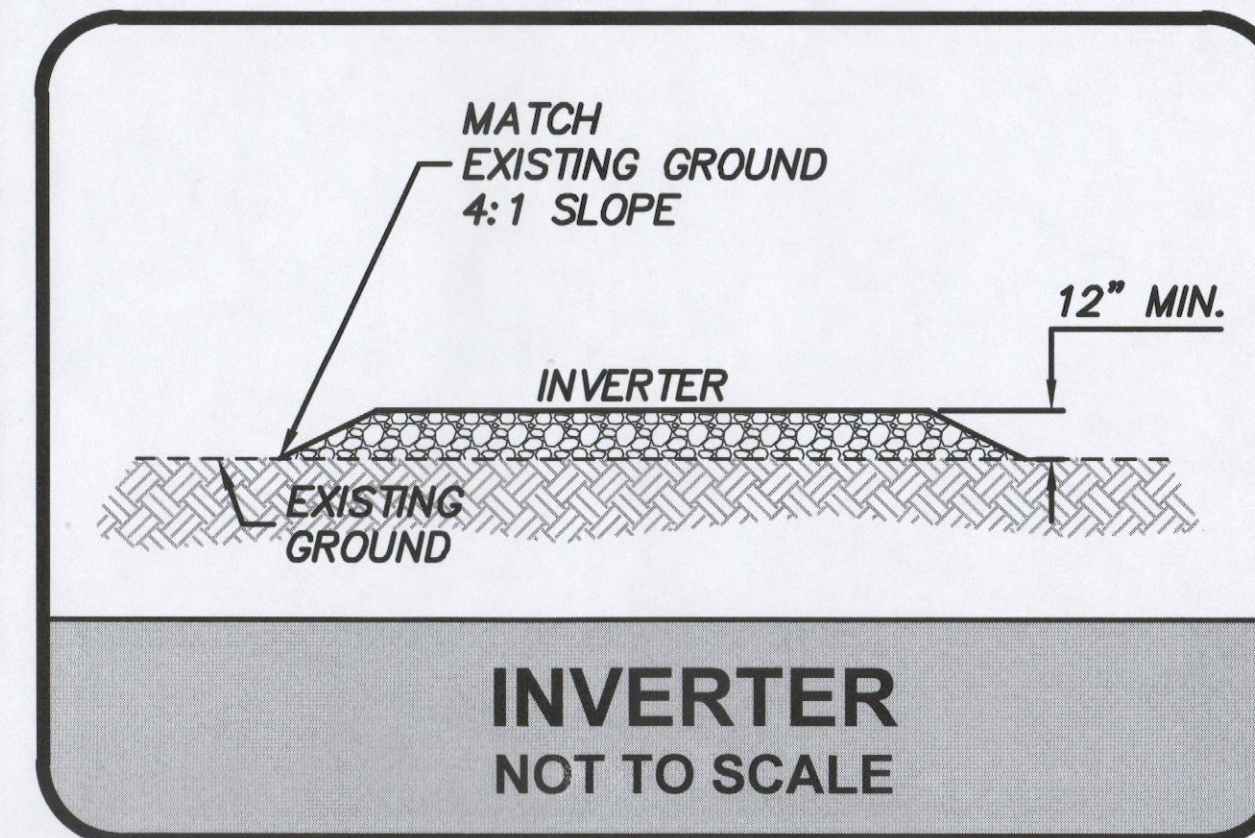
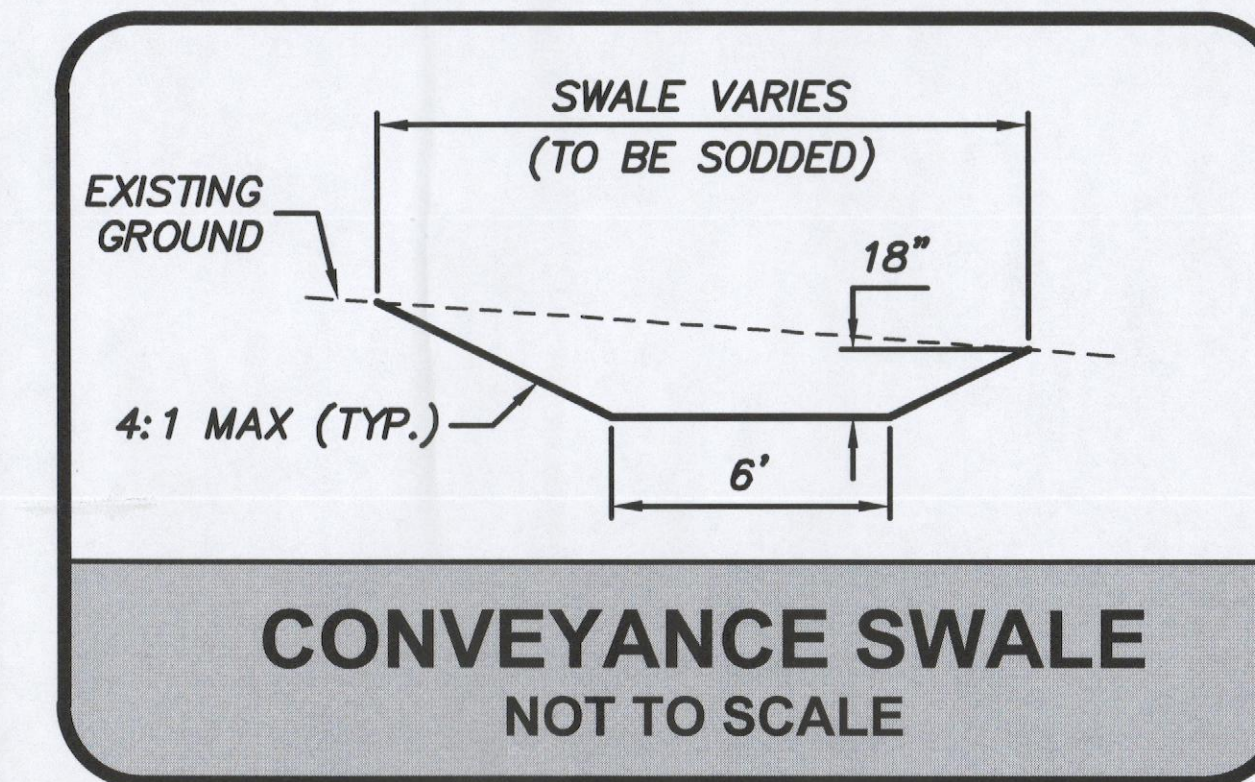
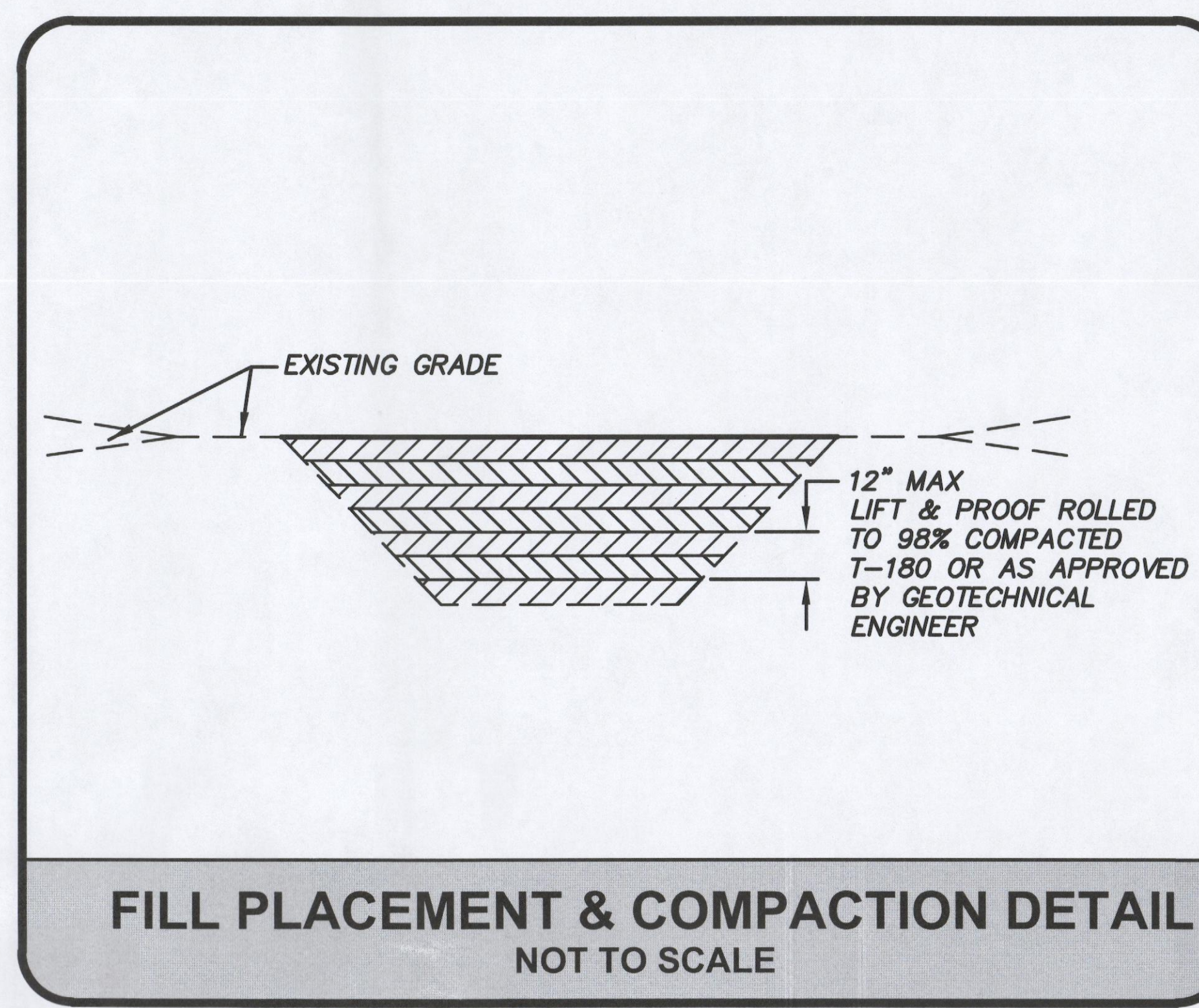
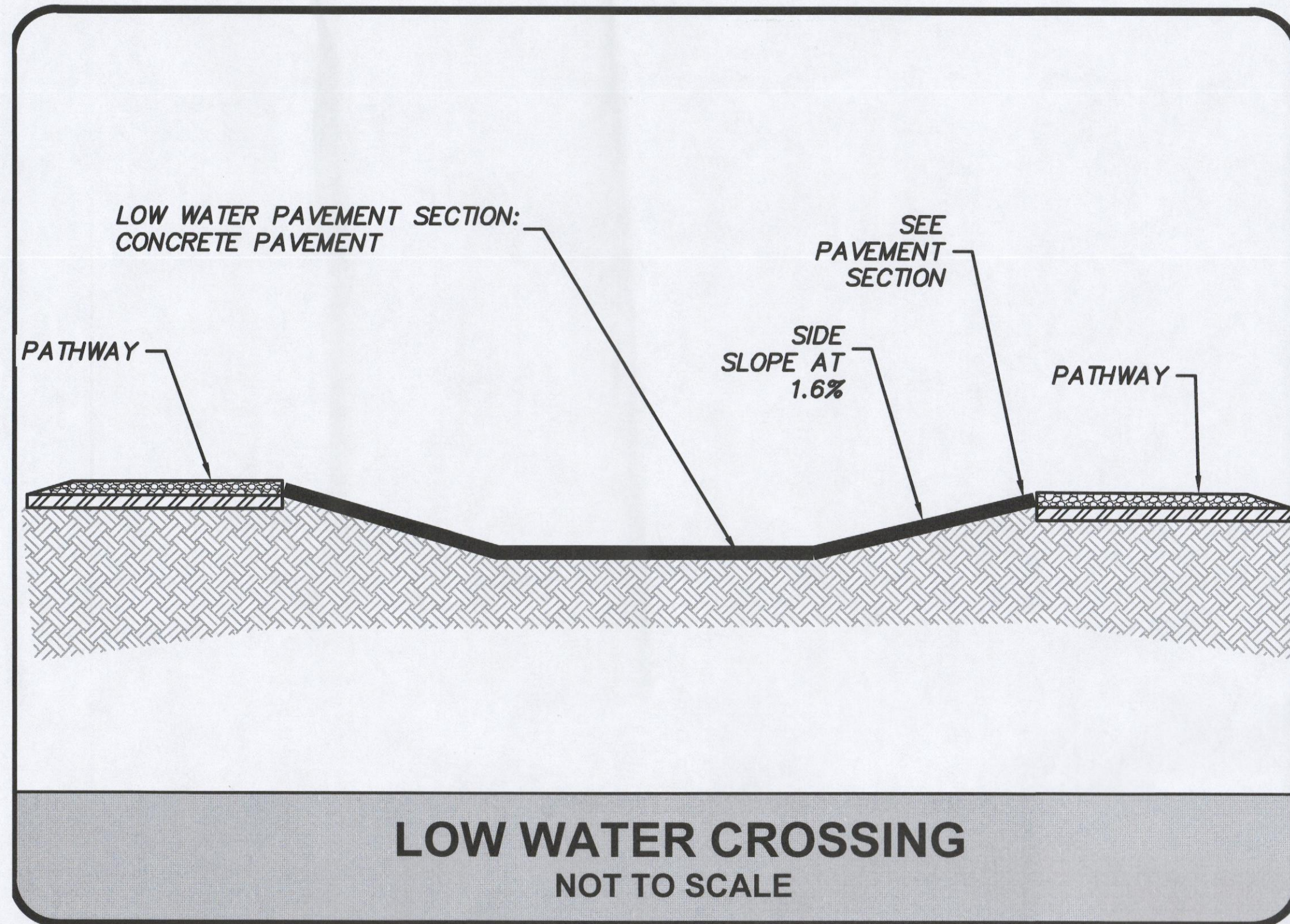
**DETAILS & TYPICAL SECTIONS**

SHEET NO.

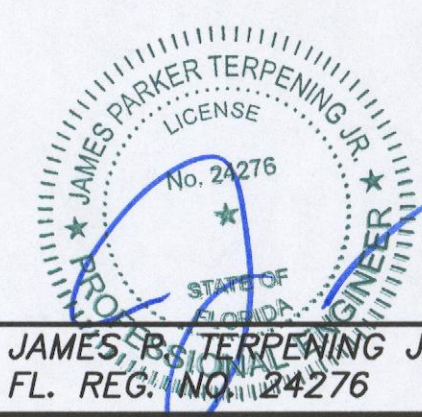
CE16







JUL 28 2022

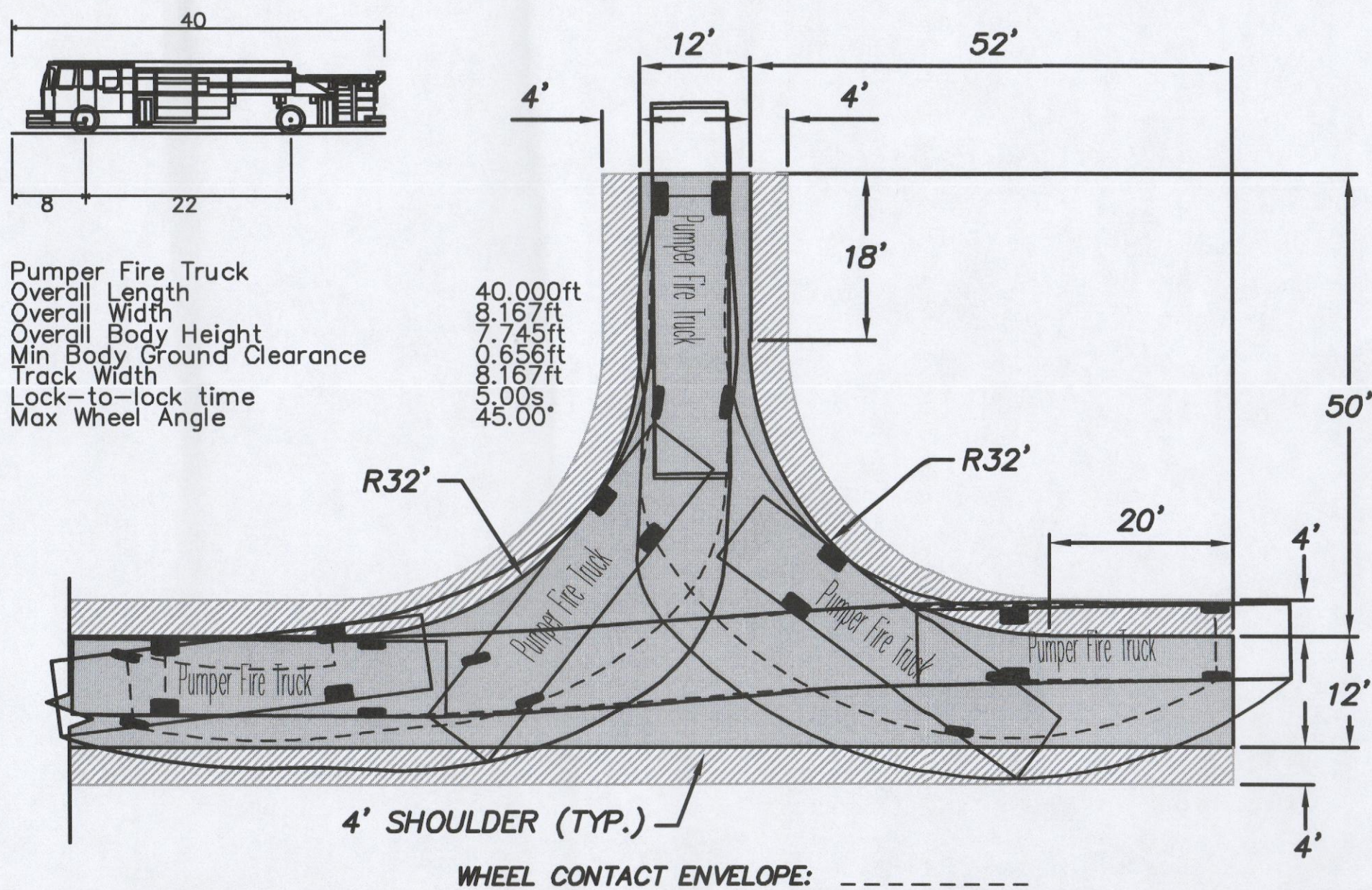


JAMES P. TERPENING JR., P.E.  
FL. REG. NO. 24276

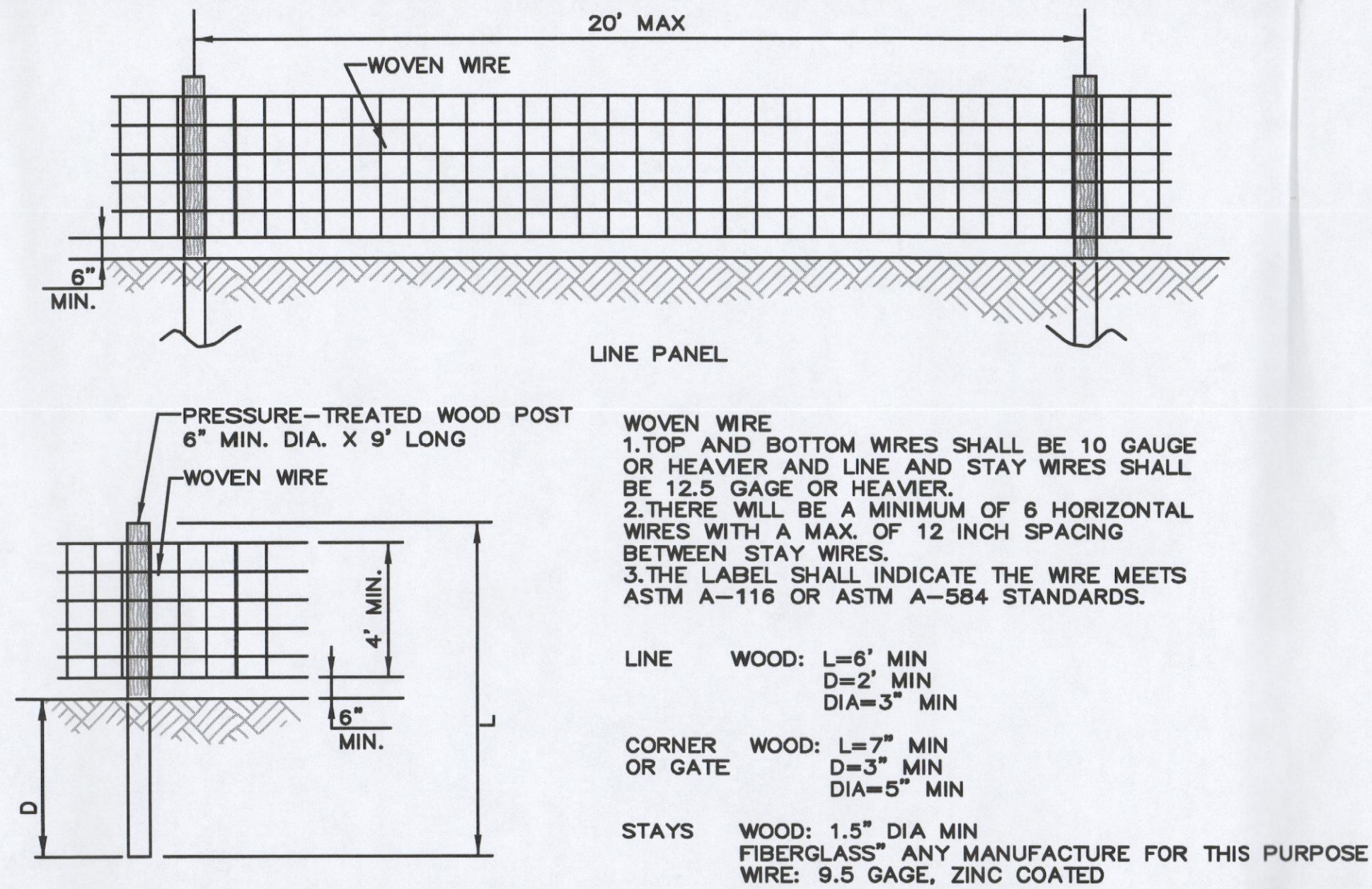
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REVISIONS				C&T JOB NO. 21-210		 <div>CULPEPPER &amp; TERPENING INC 2980 SOUTH 25th STREET • FORT PIERCE, FLORIDA 34981 PHONE 772-464-3537 • FAX 772-464-9497 • www.ct-eng.com STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286</div>	FLORIDA POWER & LIGHT COMPANY		DETAILS & TYPICAL SECTIONS	SHEET NO.	
DATE	BY	REV	DESCRIPTION	DESIGNED BY	DRAWN BY		PROJECT NAME			CE17	
.	.	.	.	JPT 12-14-21	KU 2-17-22						
.	.	.	.	CHECKED BY	CHECKED BY						
.	.	.	.	JPT 2-17-22	ER 2-17-22						
.	.	.	.	ENGINEER OF RECORD:							
				JAMES P. TERPENING JR., P.E. NO. 24276		FPL SPARKLEBERRY SOLAR ENERGY CENTER					

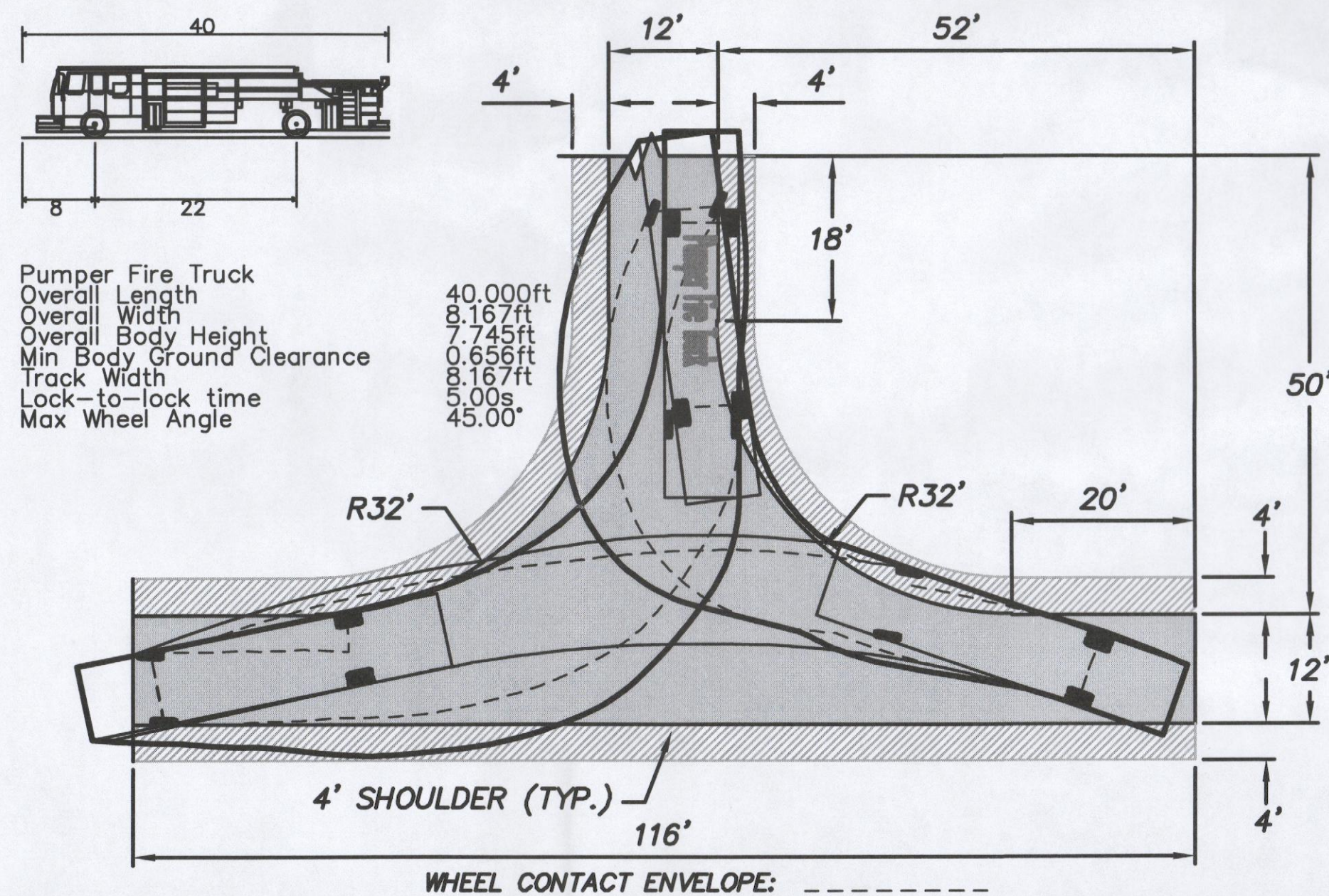




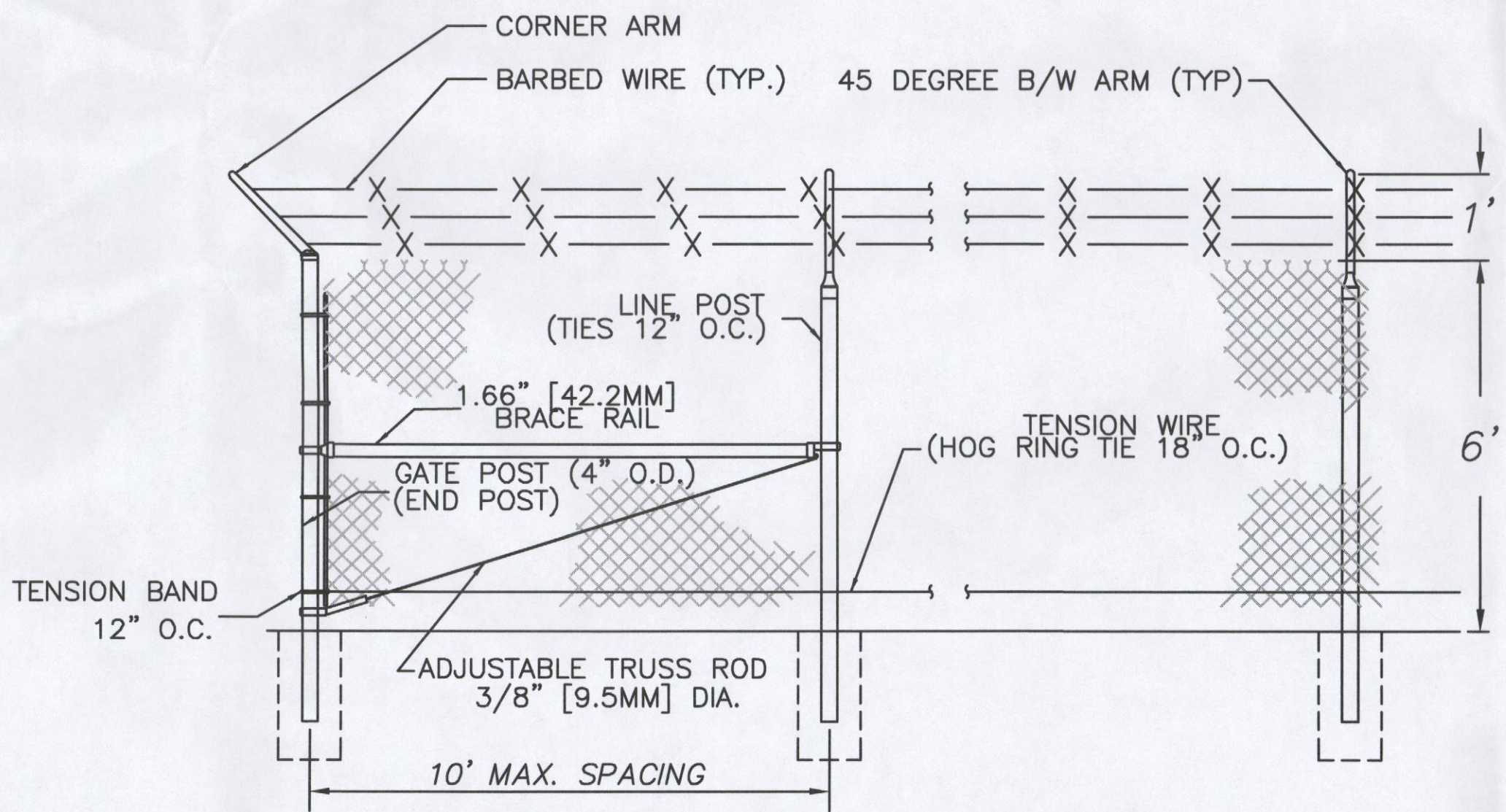
**HAMMERHEAD TURN-AROUND**  
NOT TO SCALE



**FARM FENCE DETAIL**  
NOT TO SCALE



**TEE TURN-AROUND**  
NOT TO SCALE

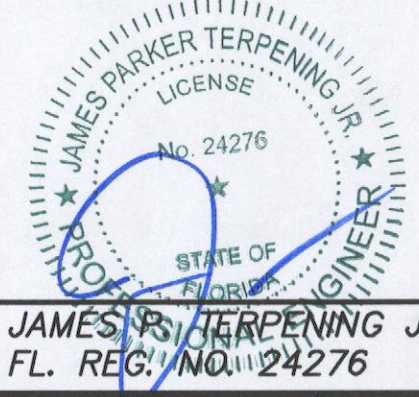


**SECURITY FENCE DETAIL**  
NOT TO SCALE

GENERAL NOTES:

ALL FENCING LOCATED WITHIN NAVIGABLE WATERS, BOTH SECURITY AND FARM FENCING, IS TO BE INSTALLED IN ACCORDANCE WITH 62-330.437 F.A.C. THE FENCING WILL BE INSTALLED SUCH THAT IT DOES NOT ADVERSELY AFFECT NAVIGATION, BLOCK ANY WATERWAY OR CHANNEL, OR CAUSE A NAVIGATION HAZARD. THE FENCE POST ARE TO BE LOCATED WATERWARD OF THE MEAN OR ORDINARY HIGH WATER LINE RISE AT LEAST TWO FEET ABOVE MEAN HIGH OR ORDINARY HIGH WATER ELEVATION AND ARE MARKED AND MAINTAINED WITH REFLECTORS VISIBLE FROM ALL DIRECTIONS. THE FENCE WILL EXTEND NO MORE THAN 25 FEET WATERWARD INTO THE OPEN WATER. THE FENCE SHALL BE CONSTRUCTED OF HORIZONTAL METAL WIRE ATTACHED TO POSTS, WHICH MAY INCLUDE PERPENDICULAR WIRES TO MAINTAIN SPACING, BUT SHALL NOT INCLUDE ANY CHAIN-LINK OR MESH COMPONENTS.

JUL 28 2022



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 FL. REG. NO. 24276

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REVISIONS

DATE	BY	REV	DESCRIPTION
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C&T JOB NO. 21-210	
DESIGNED BY JPT 12-14-21	DRAWN BY KU 2-17-22
CHECKED BY JPT 2-17-22	CHECKED BY ER 2-17-22
ENGINEER OF RECORD: JAMES P. TERPENING JR., P.E. NO. 24276	



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STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286

FLORIDA POWER & LIGHT COMPANY

PROJECT NAME

FPL SPARKLEBERRY SOLAR ENERGY CENTER

DETAILS & TYPICAL SECTIONS

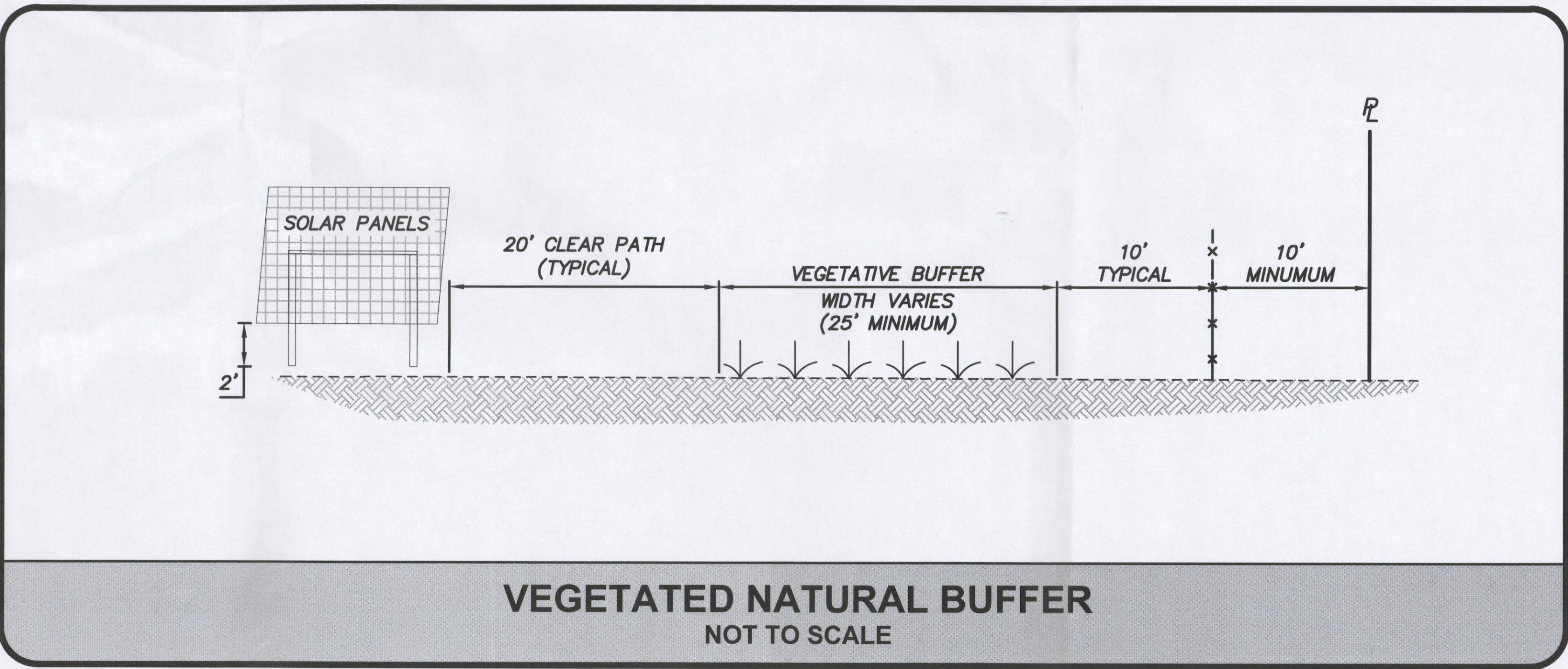
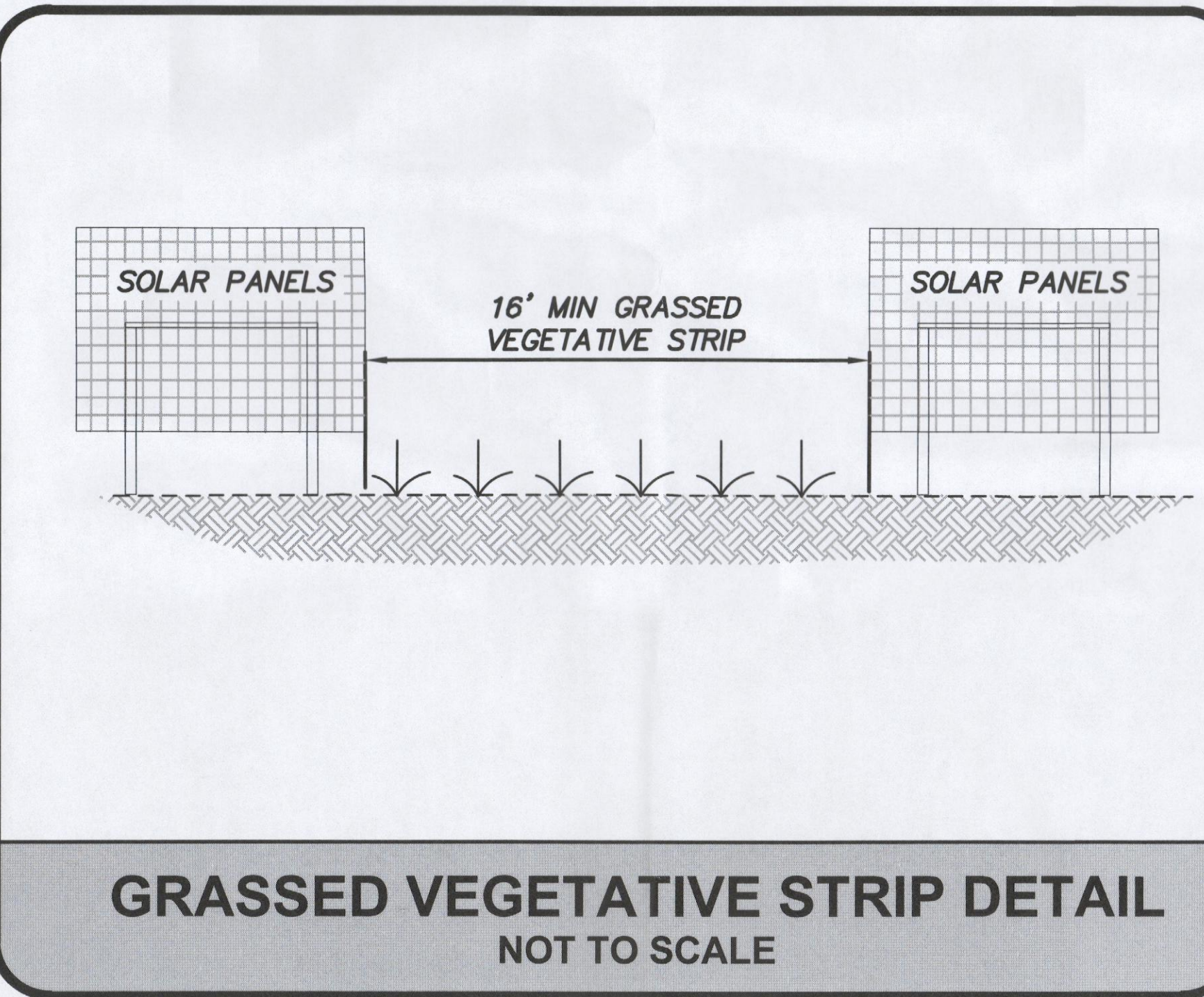
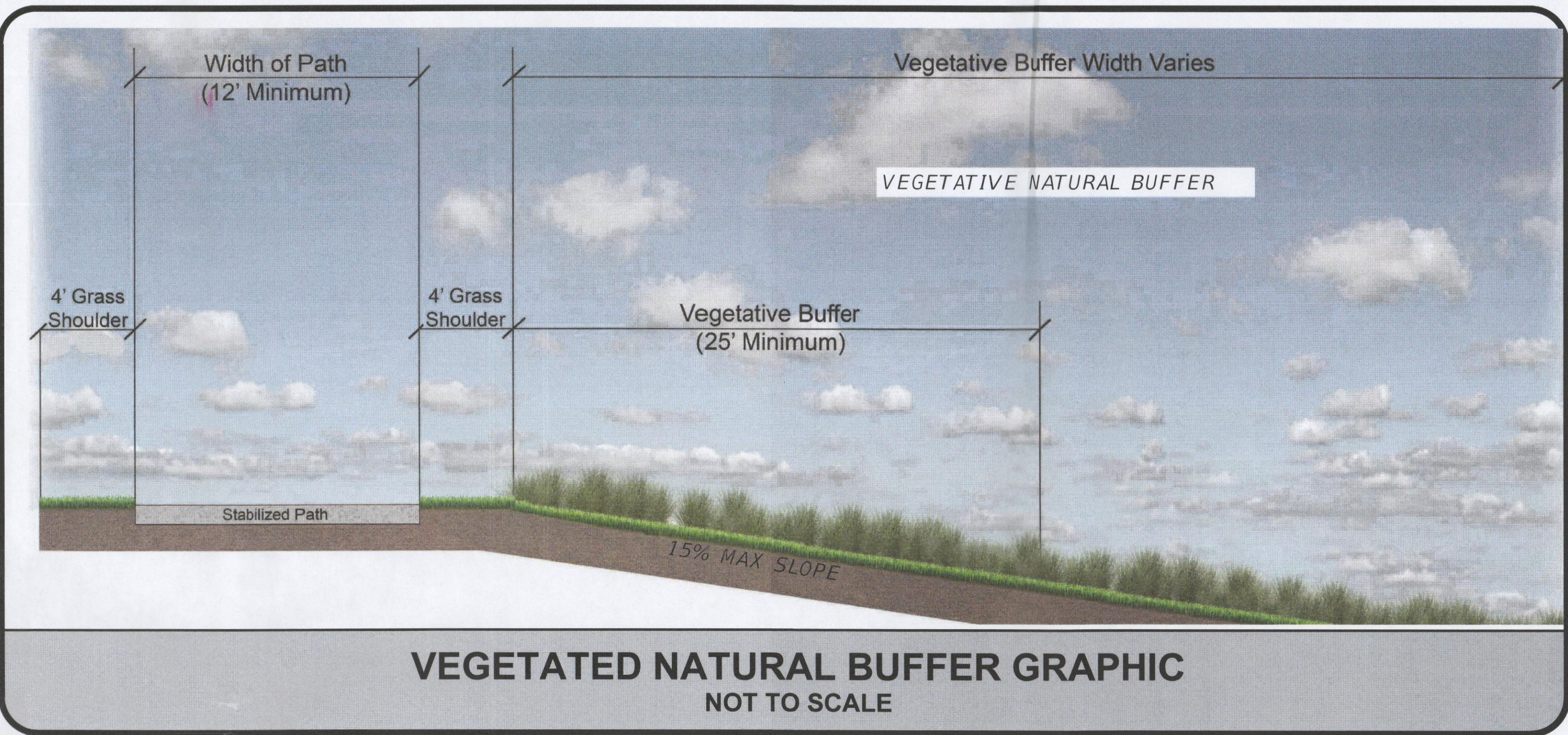
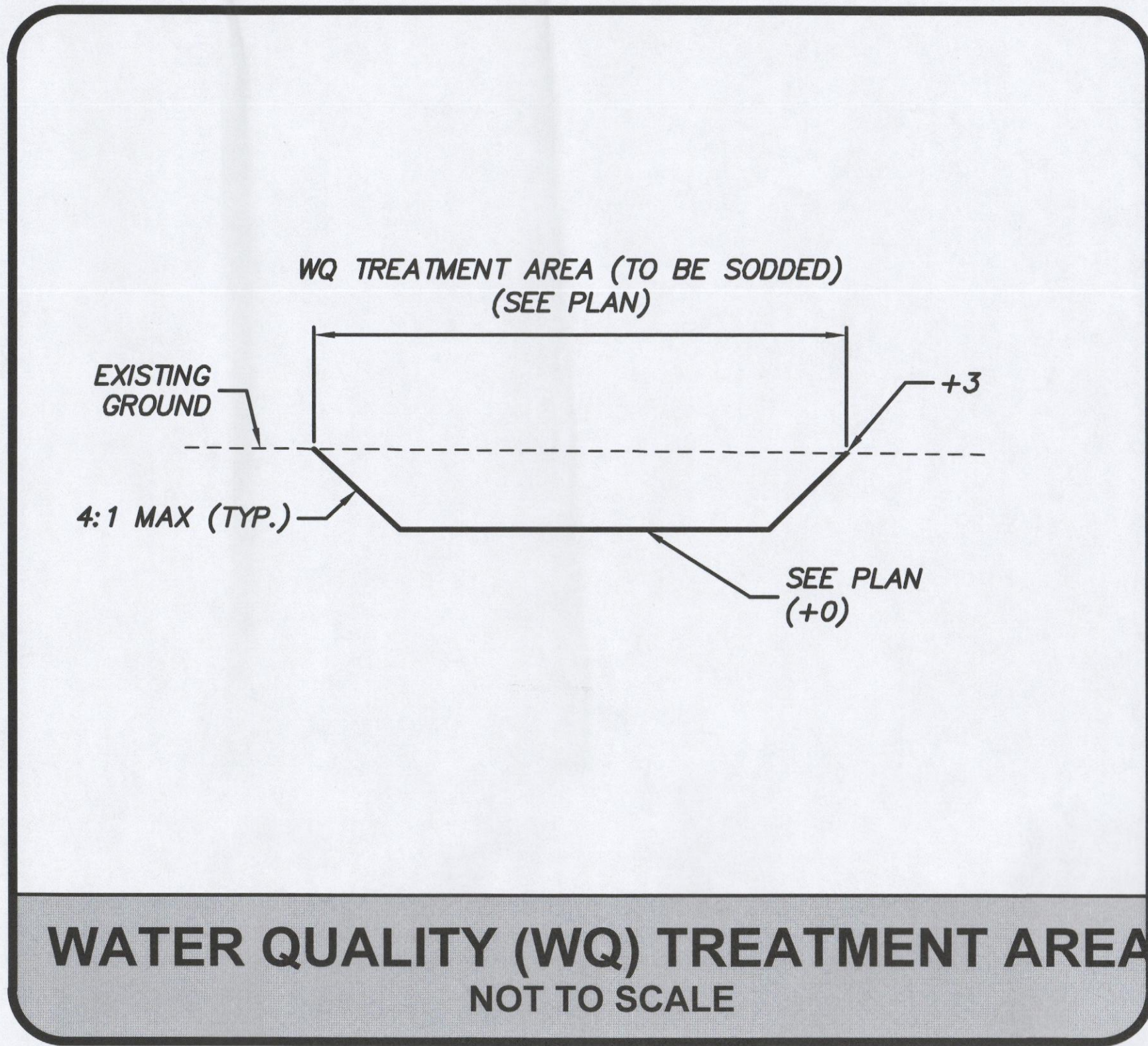
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SHEET NO.

CE18

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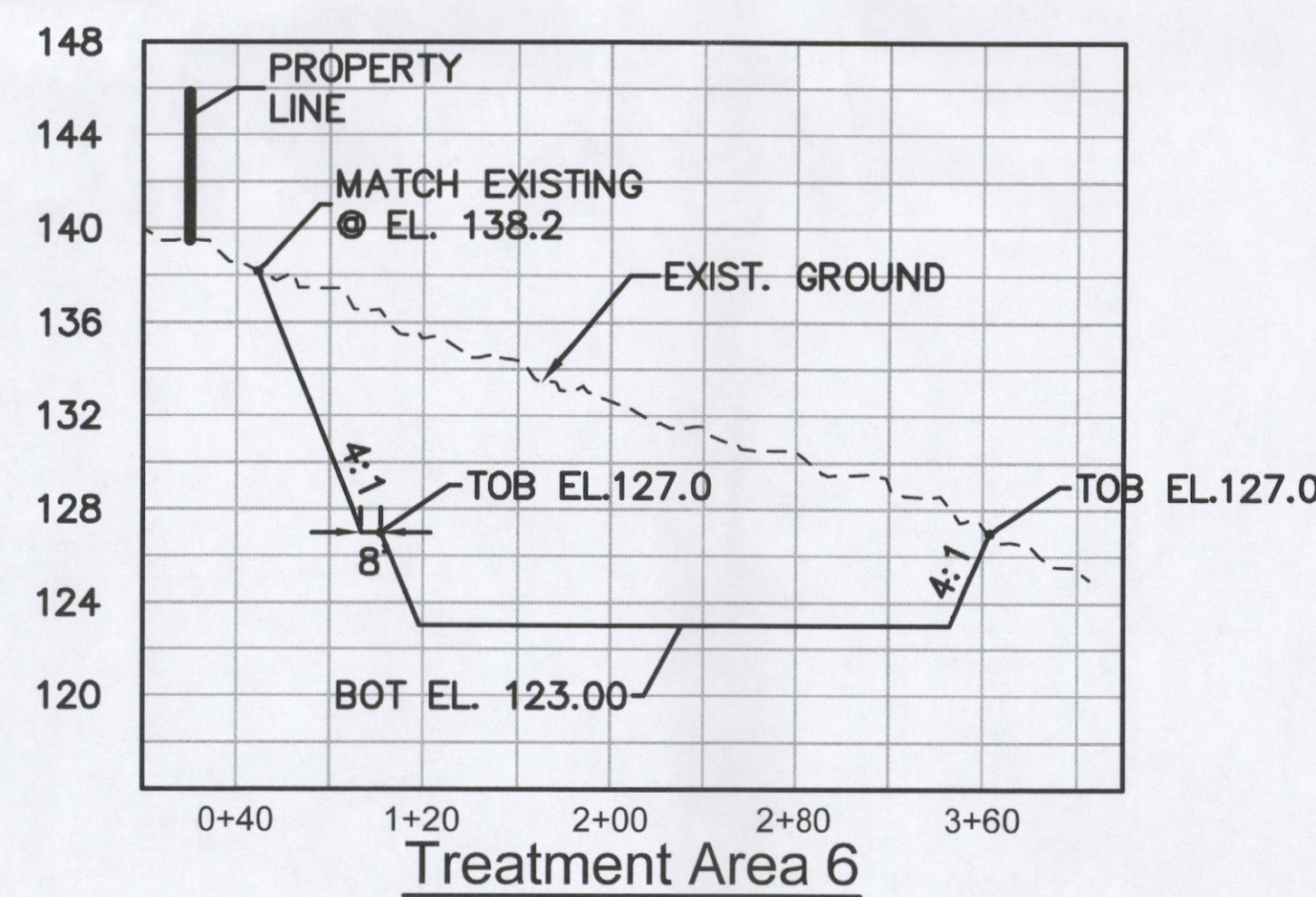
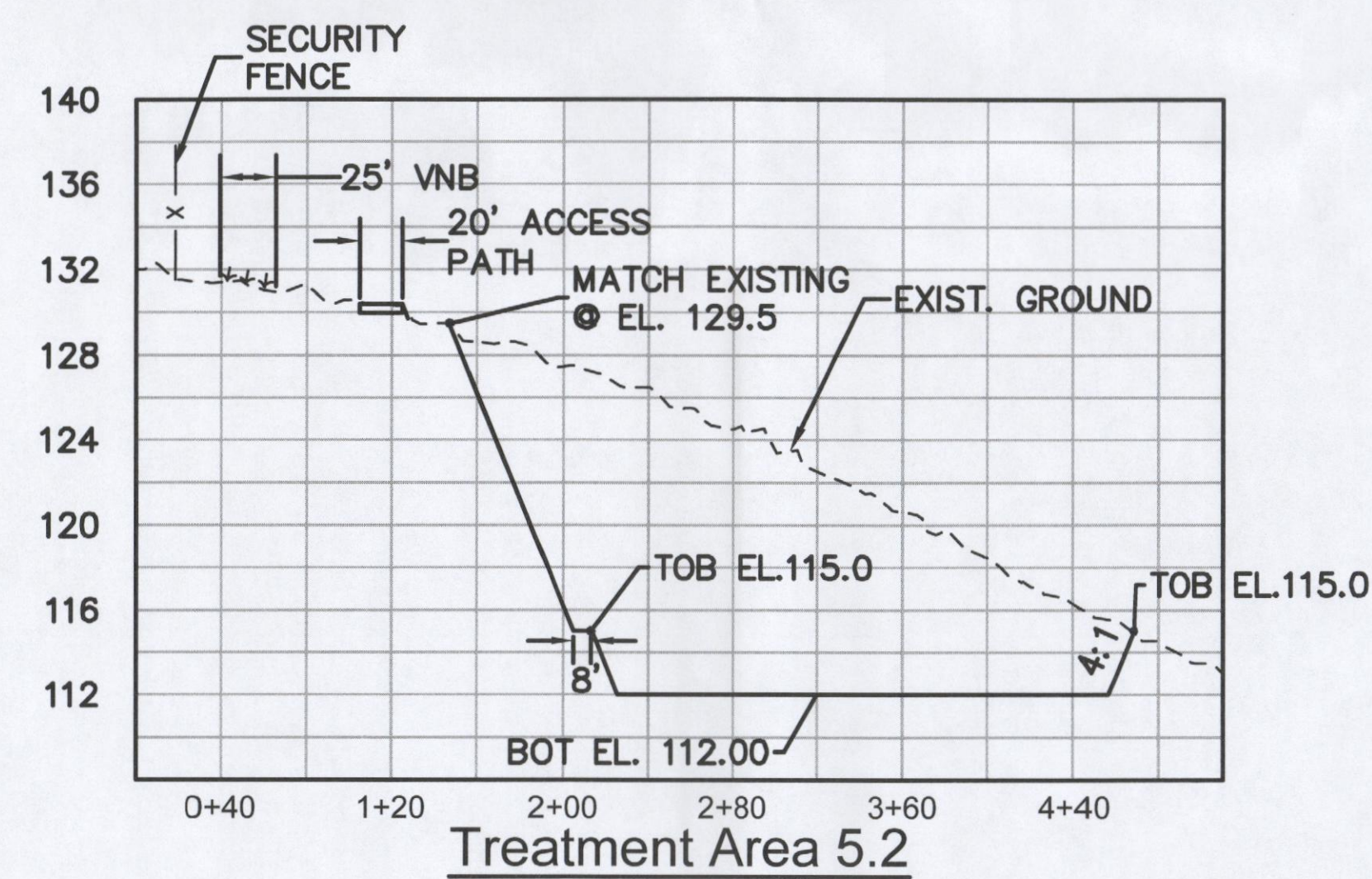
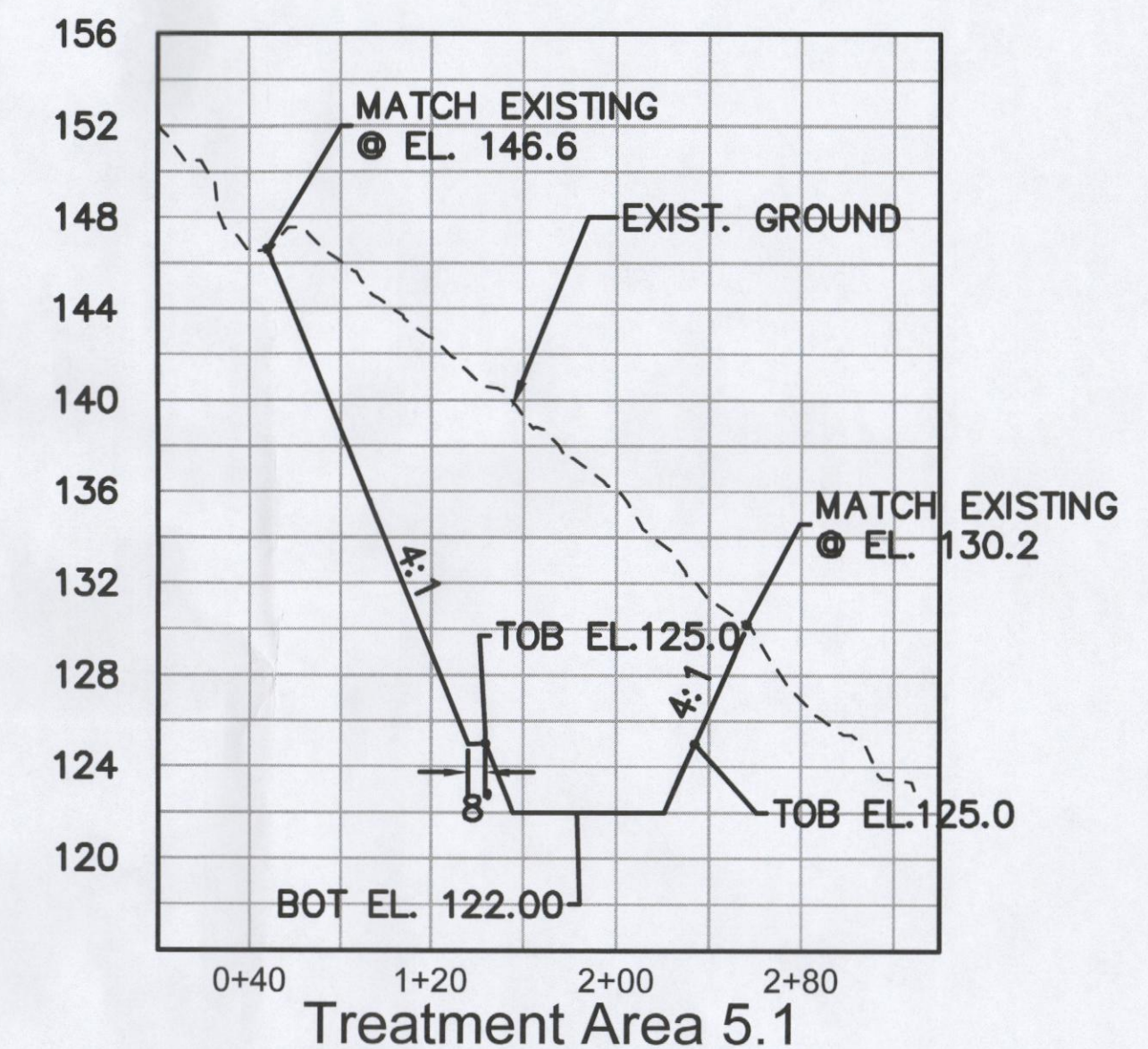
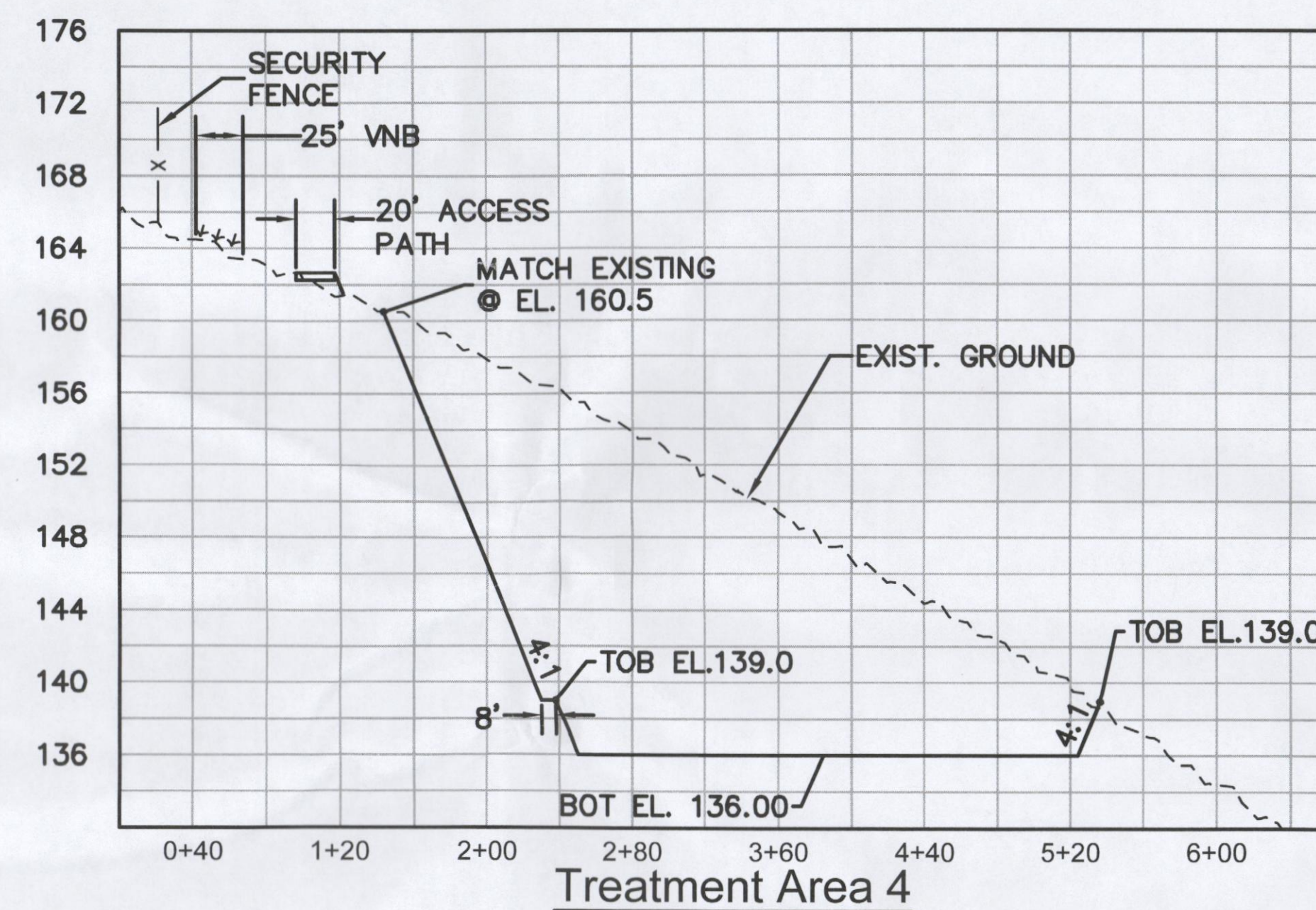
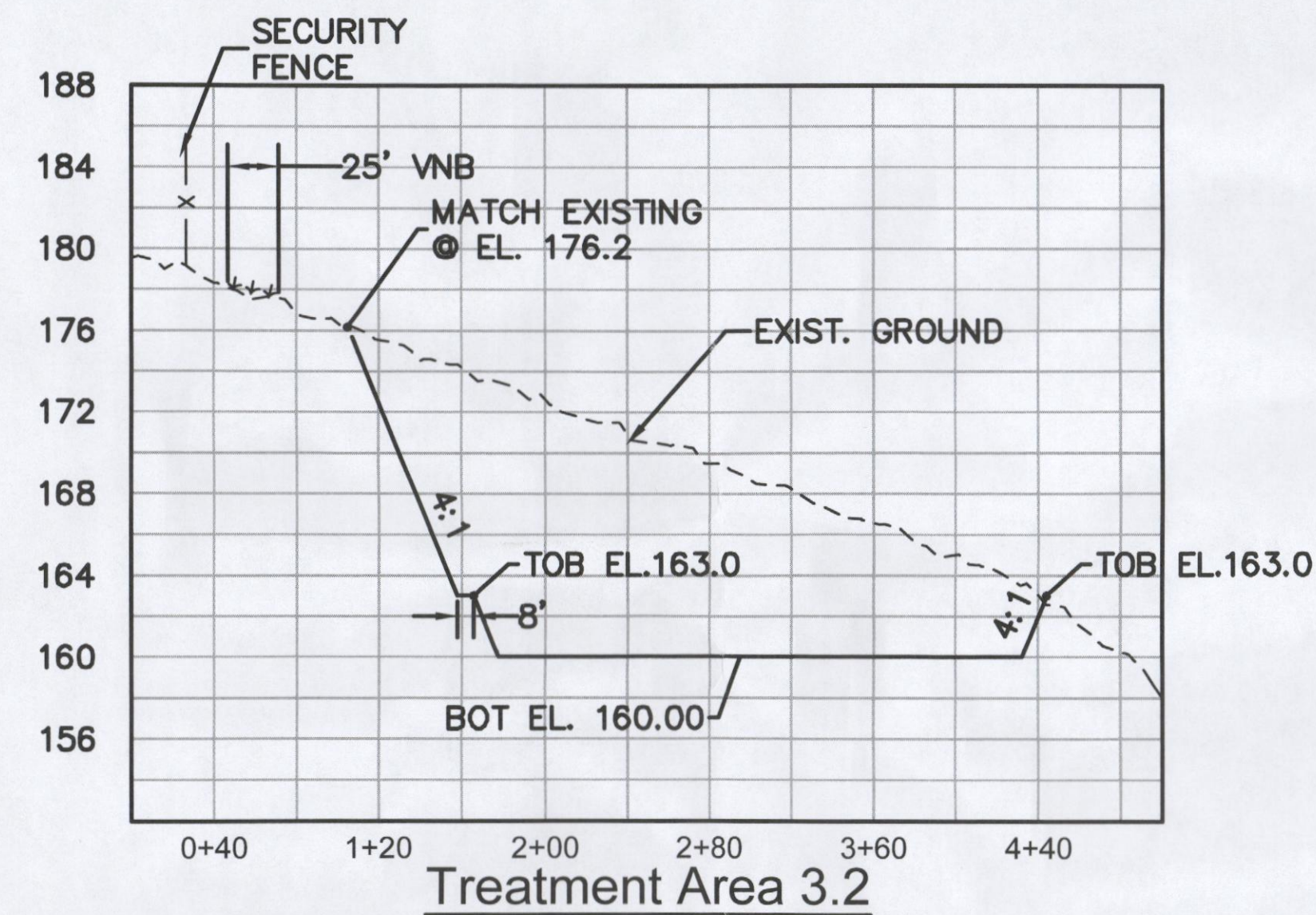
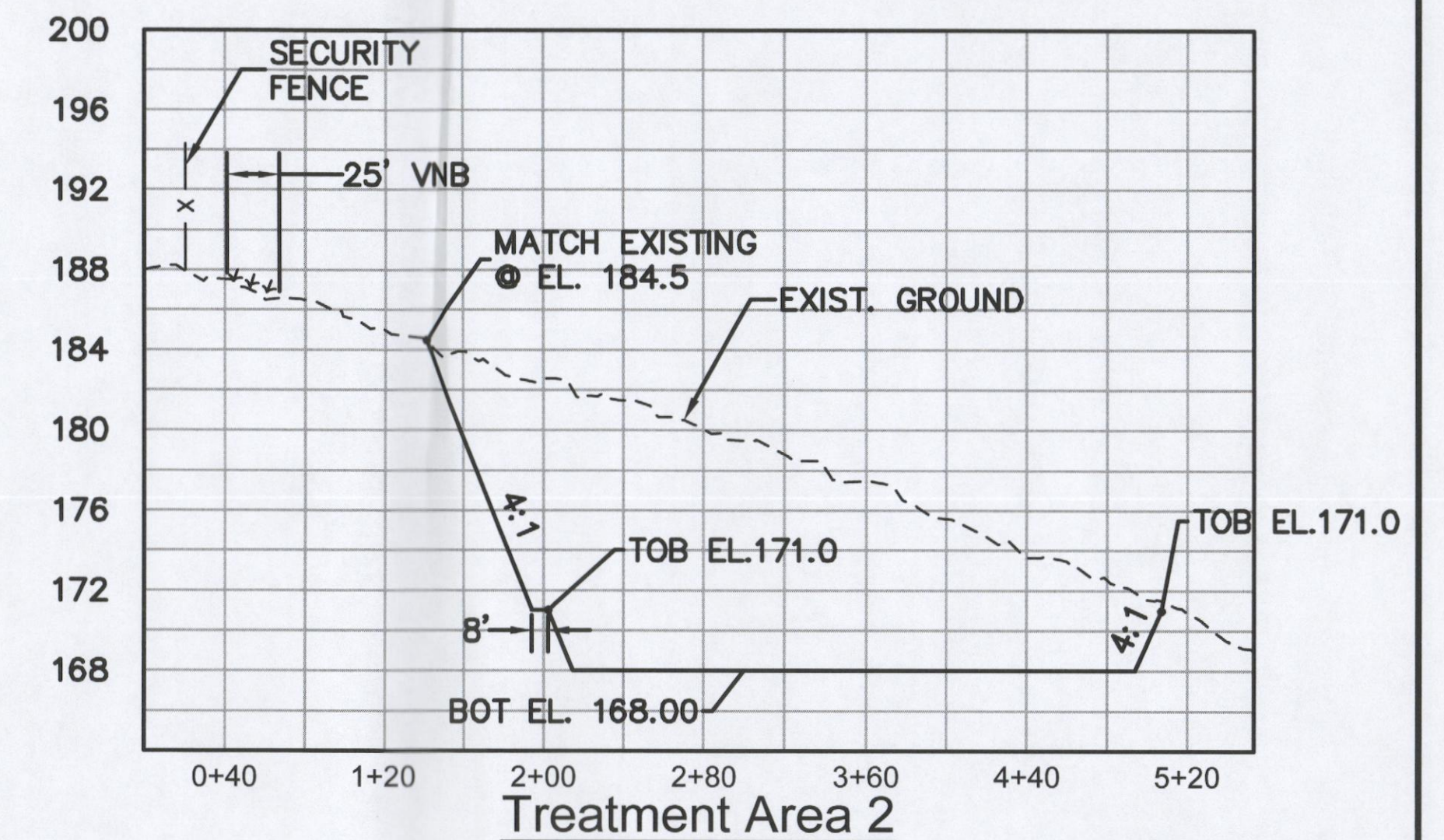
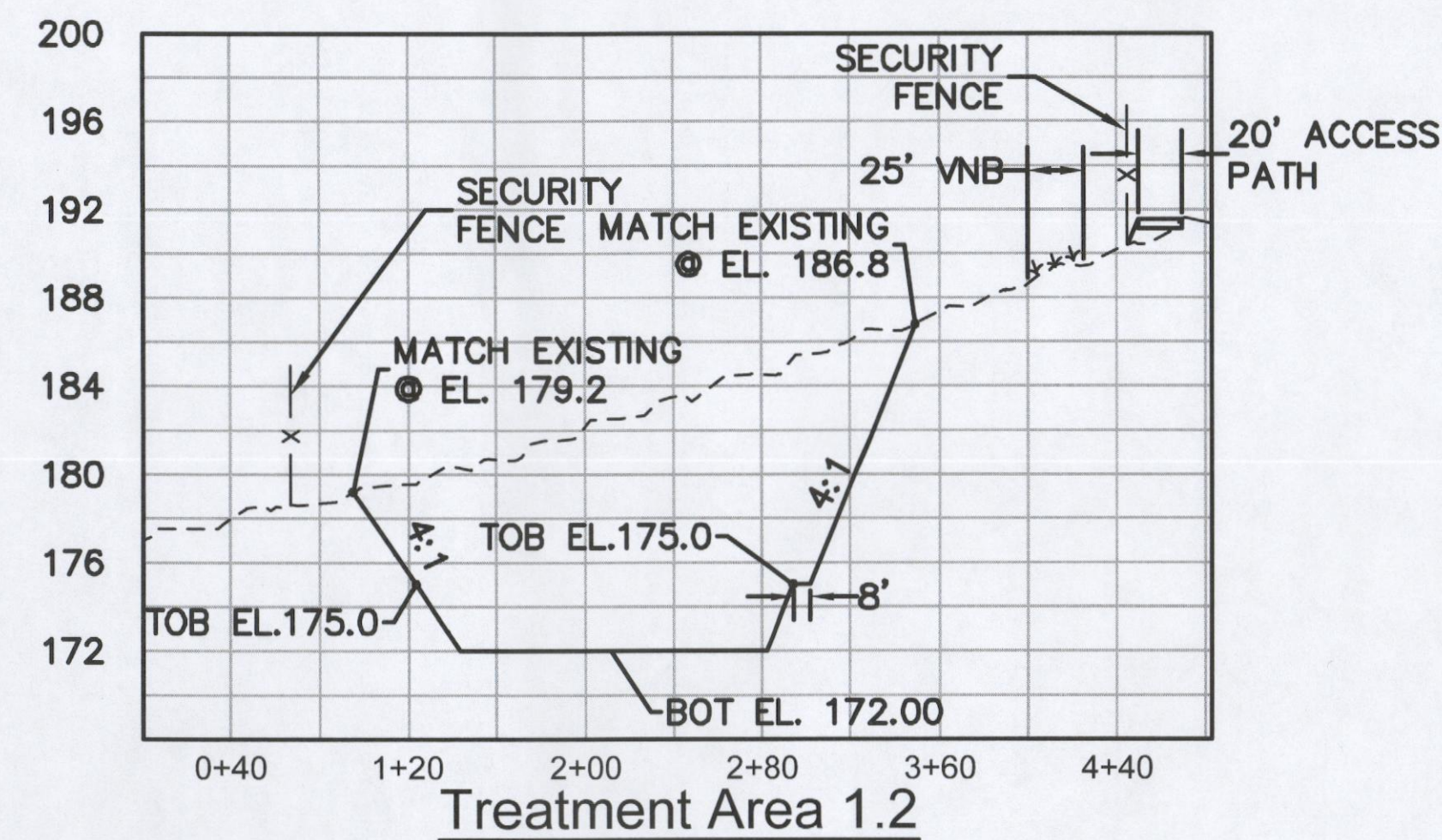
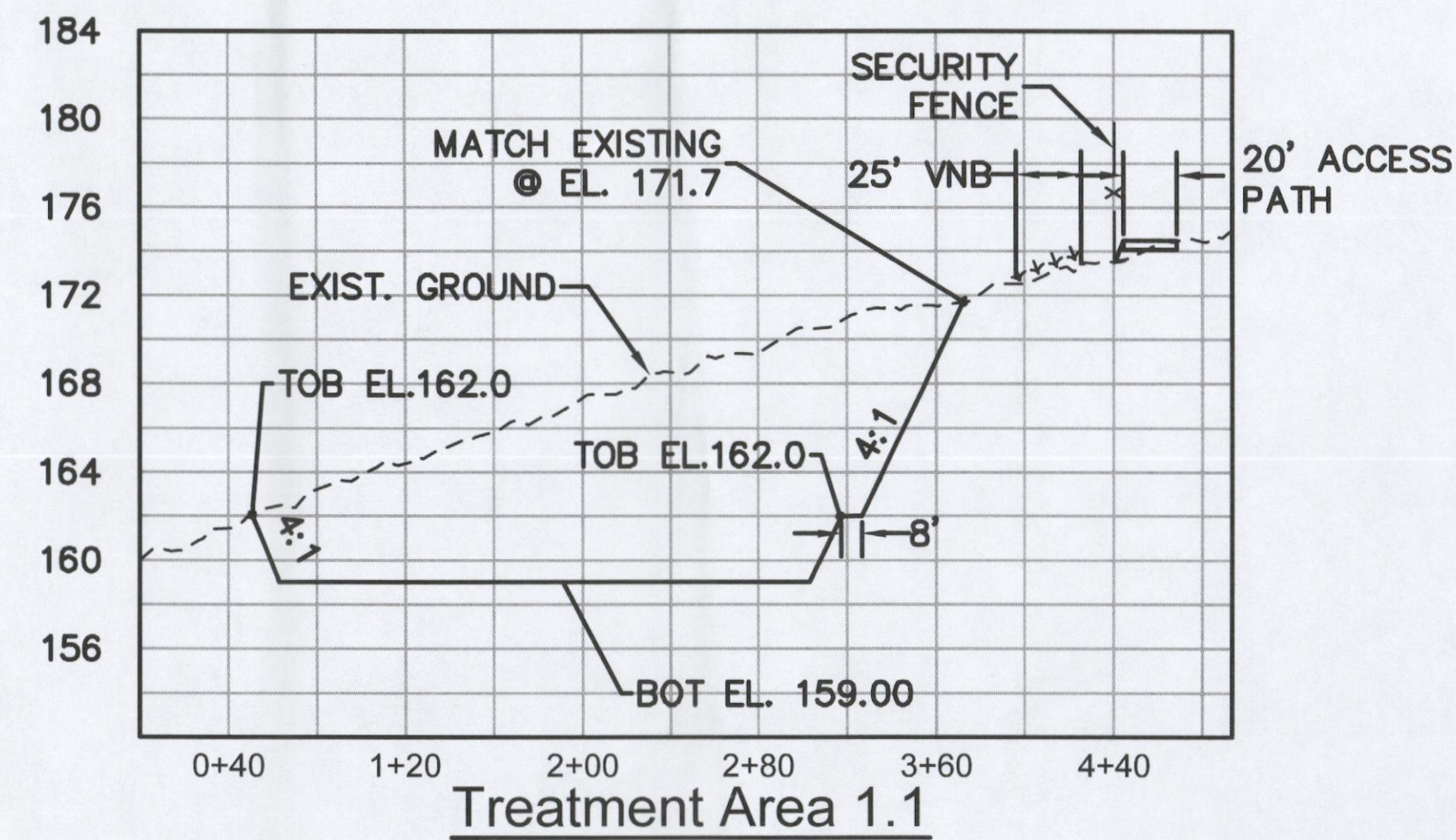
**JAMES P. TERPENING JR., P.E.**  
FL. REG. NO. 24276

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REVISIONS				C&T JOB NO. 21-210		 <b>CULPEPPER &amp; TERPENING INC</b> 2980 SOUTH 25th STREET • FORT PIERCE, FLORIDA 34981 PHONE 772-464-3537 • FAX 772-464-9497 • www.ct-eng.com STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286	FLORIDA POWER & LIGHT COMPANY		DETAILS & TYPICAL SECTIONS	SHEET NO.
DATE	BY	REV	DESCRIPTION	DESIGNED BY	DRAWN BY		PROJECT NAME			CE19
.	.	.	.	JPT 12-14-21	KU 2-17-22					
.	.	.	.	CHECKED BY JPT 2-17-22	CHECKED BY ER 2-17-22					
.	.	.	.	ENGINEER OF RECORD: JAMES P. TERPENING JR., P.E. NO. 24276						



P:\Proj-2021\21-210 FPL - Sparkleberry Solar Energy Center\Eng\21-210 Pond Section.dwg Plotted: 6/27/2022 4:26 PM By: KITHSRI UDUGAMA



HOR. SCALE: 1"=150'  
VET. SCALE: 1"=15'

JUL 28 2022  
JAMES P. TERPENING JR., P.E.  
FL. REG. NO. 24276



Know what's below.  
Call before you dig.

REVISIONS						C&T JOB NO. 21-210	
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DESIGNED BY	DRAWN BY
						JPT 12-14-21	KU 3-26-22
						CHECKED BY	CHECKED BY
						ER	ER
						ENGINEER OF RECORD:	
						JAMES P. TERPENING JR., P.E. NO. 24276	



FLORIDA POWER & LIGHT COMPANY  
PROJECT NAME  
FPL SPARKLEBERRY SOLAR ENERGY CENTER

POND SECTIONS

SHEET NO.  
CE20



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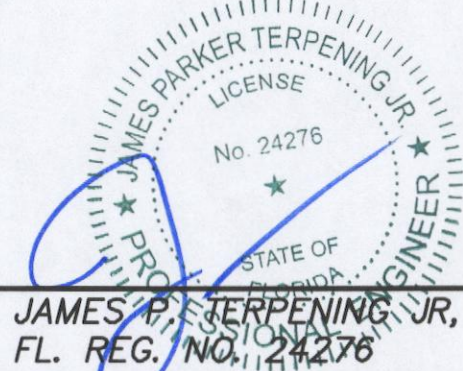
NOTES:

1. THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBIA COUNTY "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBIA COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY, OR PROVIDE "AS-BUILT" CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE "AS-BUILT" CERTIFICATION OR THE "AS-BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER..
2. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL A FINAL CERTIFICATE OF OCCUPANCY.
3. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND THE ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.
4. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES ARE REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENVIRONMENT VIOLATION.
5. RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETE PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORM WATER RUNOFF RATES. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION AND TAKE ADEQUATE MEASURES TO PREVENT THE EXCAVATED POND FROM BLINDING DUE TO SEDIMENTS.
6. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD.
7. DEVELOPER/CONTRACTOR SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE RETENTION/DETENTION POND(S) AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO REQUEST FOR INSPECTION.
8. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO THE REQUESTING FINAL INSPECTION.
9. "THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850) 595-3472. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL."

NOTES:

10. NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN RIGHT-OF-WAY; 1-800-432-4770.
11. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FILAN : AS-BUILT" SIGN OFF FROM THE COUNTY.

JUL 28 2022



JAMES P. TERPENING, JR., P.E.  
FL. REG. NO. 24276

REVISIONS				C&T JOB NO. 21-210	
DATE	BY	REV	DESCRIPTION	DESIGNED BY	DRAWN BY
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.	.	.	.	JPT 2-17-22	ER 2-17-22
.	.	.	.	ENGINEER OF RECORD:	
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STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS AUTHORIZATION NO. 4286

FLORIDA POWER & LIGHT COMPANY

PROJECT NAME

FPL SPARKLEBERRY SOLAR ENERGY CENTER

SPECIFICATIONS

SHEET NO.

CE21