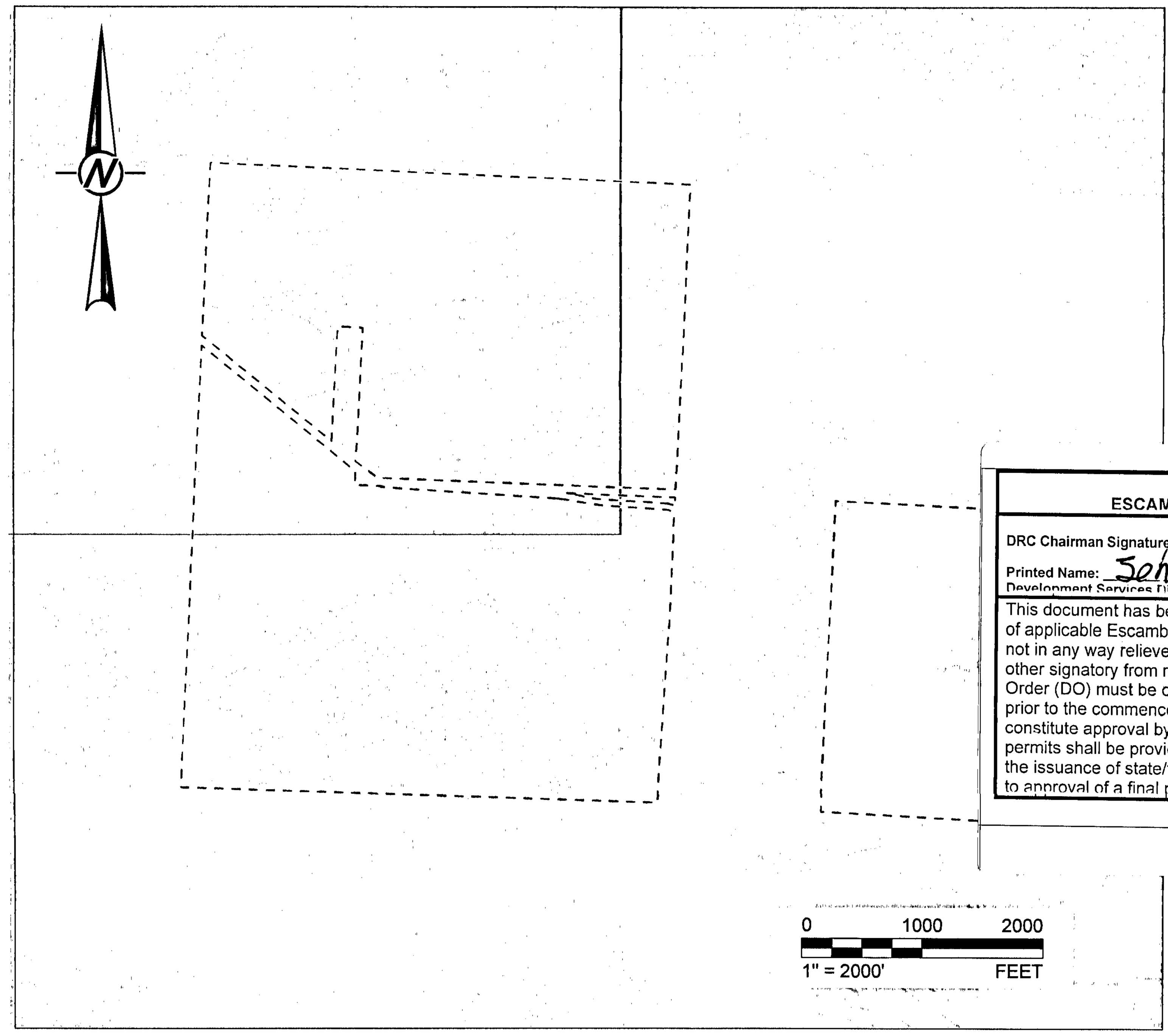
SITE PLAN
FIRST CITY SOLAR ENERGY CENTER
IN
PART OF SECTIONS 27-28 & 33-34, TOWNSHIP 5 NORTH, RANGE 31 WEST
ESCAMBIA COUNTY, FLORIDA
PREPARED FOR
GULF POWER COMPANY

INDEX TO SHEETS

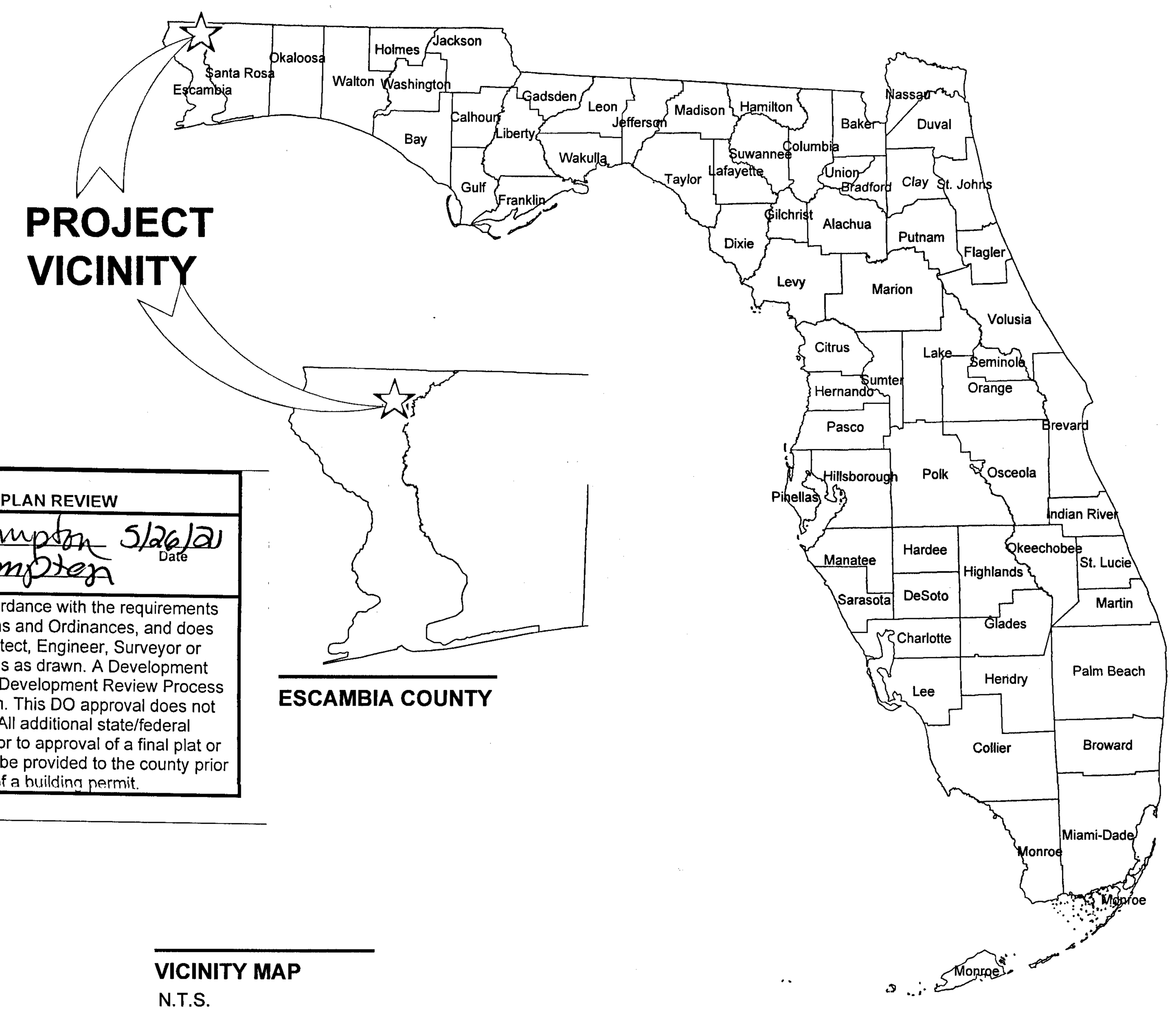


Approved
ESCAMBIA COUNTY DRC PLAN REVIEW

DRC Chairman Signature J. Hampton 5/26/21 Date
Printed Name: Jennifer Hampton
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.

LOCATION MAP
AERIAL IMAGE TAKEN FROM GOOGLE EARTH DATED JANUARY 05, 2019



VICINITY MAP
N.T.S.

BLAKE T. HOLCOMB
LICENSE
5/17/2021
No. 72381
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SITE ADDRESS:
3820 HOLLAND ROAD
MCDAVID, FLORIDA 32568

THE APPLICANT:
GULF POWER COMPANY
1 ENERGY PLACE
PENSACOLA, FLORIDA 32520

PERMITTING CONSULTANT:
GOLDER ASSOCIATES INC.
c/o BLAKE HOLCOMB
9428 Baymeadows Rd., Suite 400
Jacksonville, FL 32256
904-363-3430
Blake_Holcomb@golder.com

DATUM:
ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
NAVD88 = NGVD29 + 0.039 FT.

REV.	DATE	DESC	DESIGNED	PREPARED	REVIEWED	APPROVED
D	2021-05-13	ISSUED FOR COUNTY APPROVAL	HH/EWT	RS	BTH	BTH

CLIENT
GULF POWER COMPANY

PROJECT
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

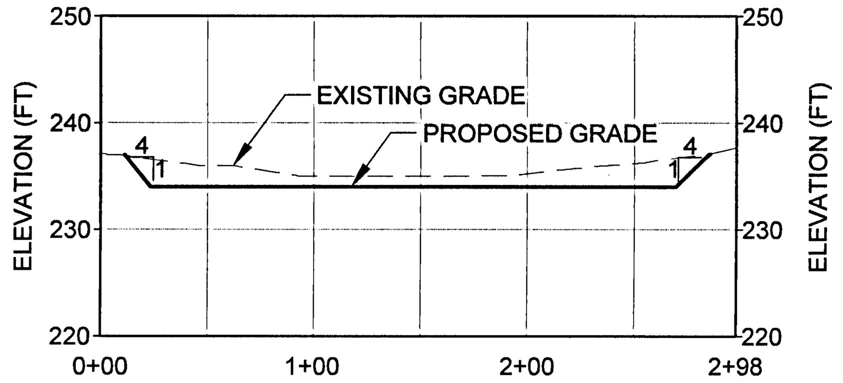
CONSULTANT
GOLDER
MEMBER OF WSP

YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH

TITLE
SHEET COVER

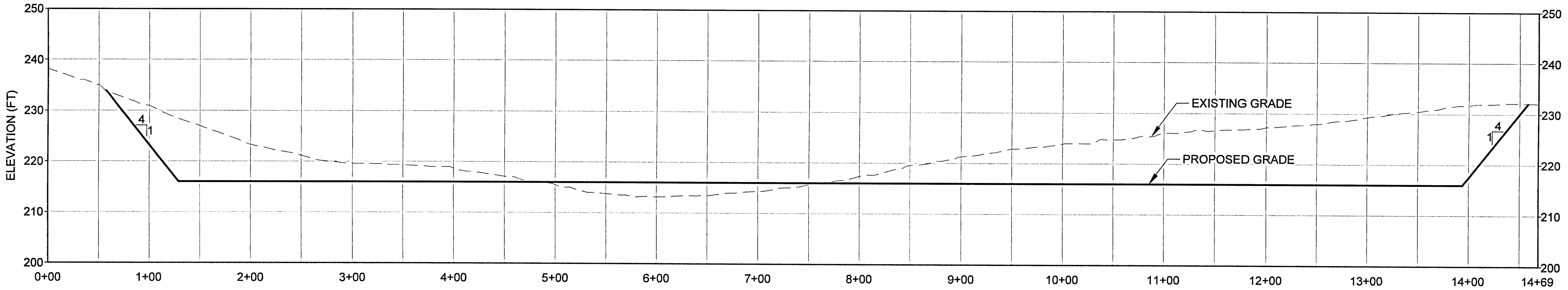
PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-A001	D	1

1 in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



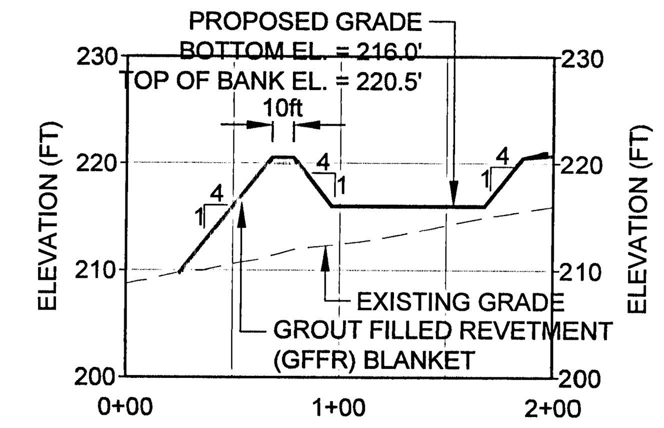
A1 16 CROSS SECTION - RETENTION AREA 1

0 75 150 HORIZONTAL SCALE FEET | 0 15 30 VERTICAL SCALE FEET



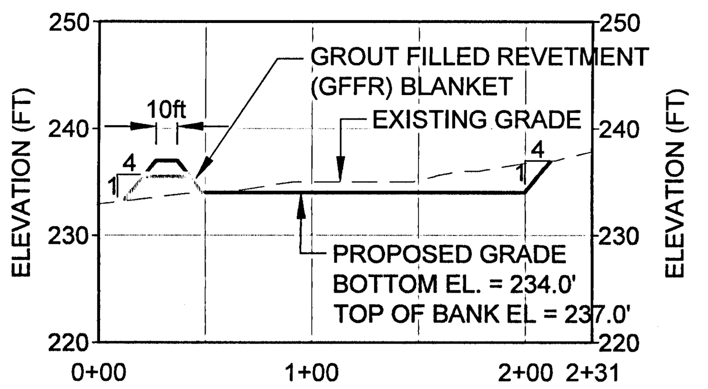
B1 16 CROSS SECTION - RETENTION AREA 2

0 75 150 HORIZONTAL SCALE FEET | 0 15 30 VERTICAL SCALE FEET



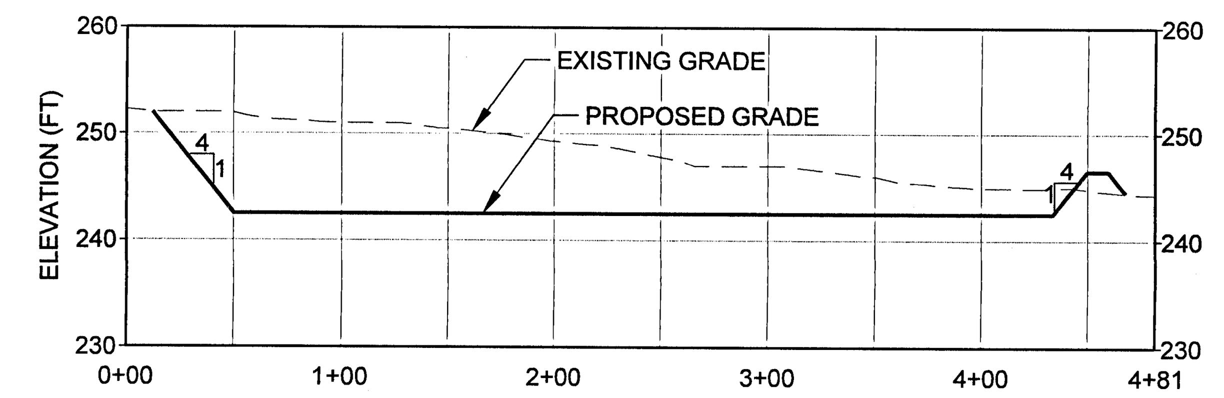
B2 16 CROSS SECTION - RETENTION AREA 2

0 75 150 HORIZONTAL SCALE FEET | 0 15 30 VERTICAL SCALE FEET



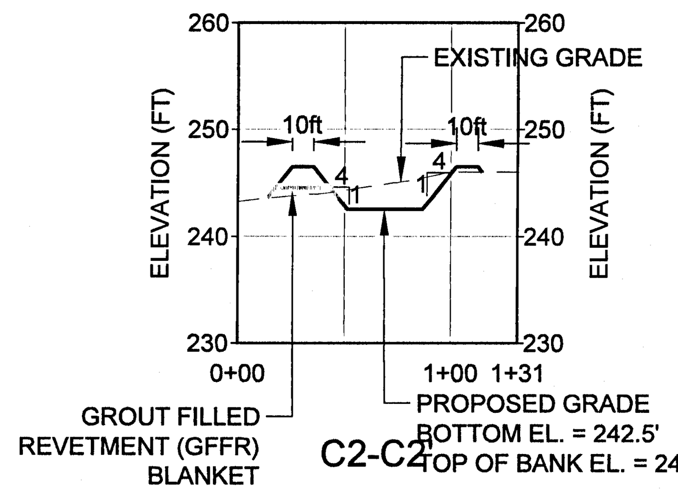
A2 16 CROSS SECTION - RETENTION AREA 1

0 75 150 HORIZONTAL SCALE FEET | 0 15 30 VERTICAL SCALE FEET



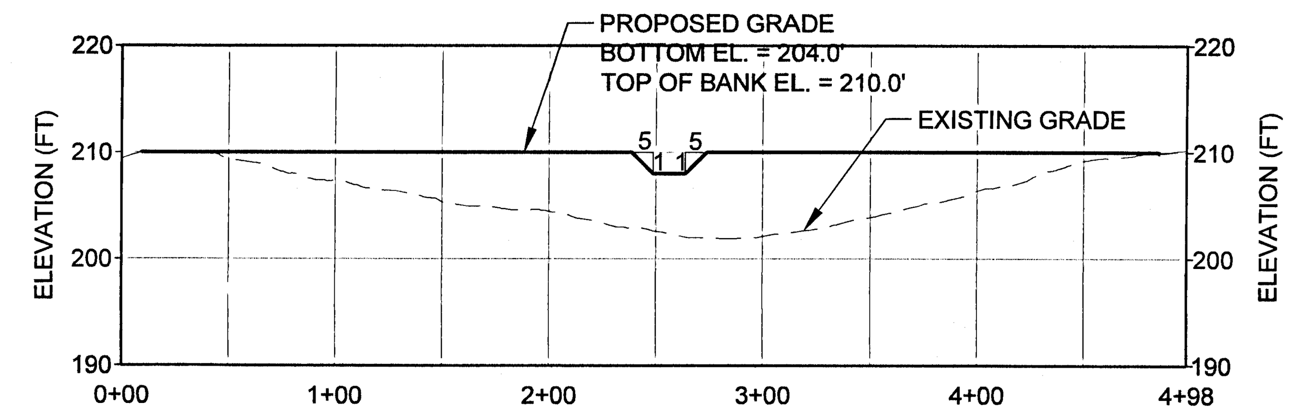
C1 16 CROSS SECTION - RETENTION AREA 5.1

0 75 150 HORIZONTAL SCALE FEET | 0 15 30 VERTICAL SCALE FEET



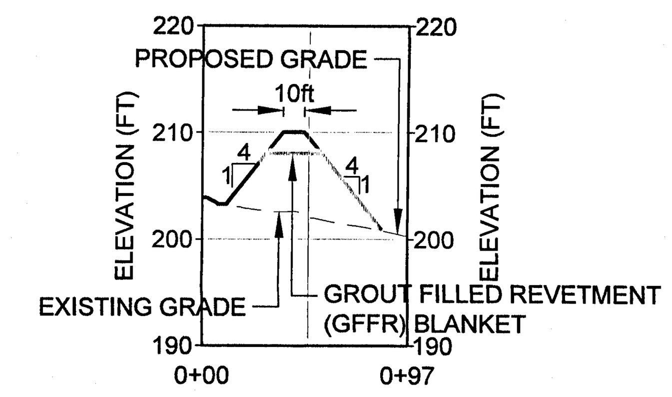
C2 16 CROSS SECTION - RETENTION AREA 5.1

0 75 150 HORIZONTAL SCALE FEET | 0 15 30 VERTICAL SCALE FEET



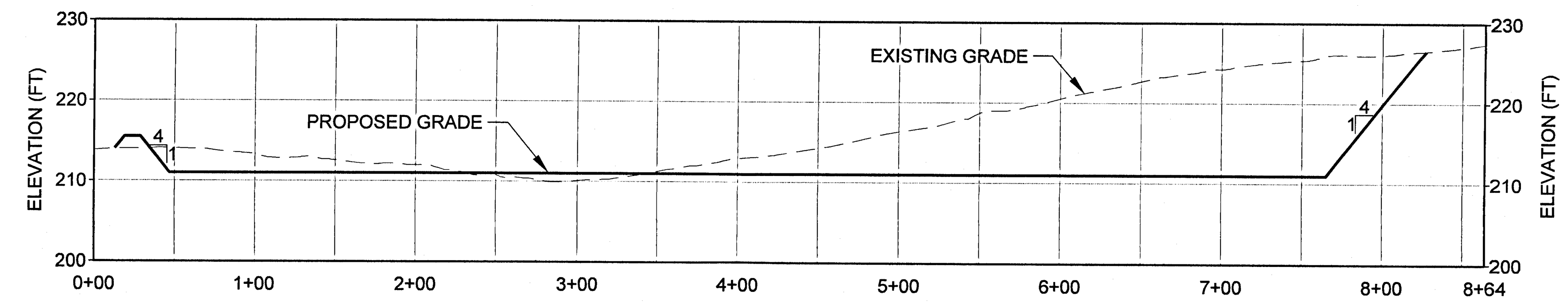
D1 16 CROSS SECTION - BERM 3.2

0 75 150 HORIZONTAL SCALE FEET | 0 15 30 VERTICAL SCALE FEET



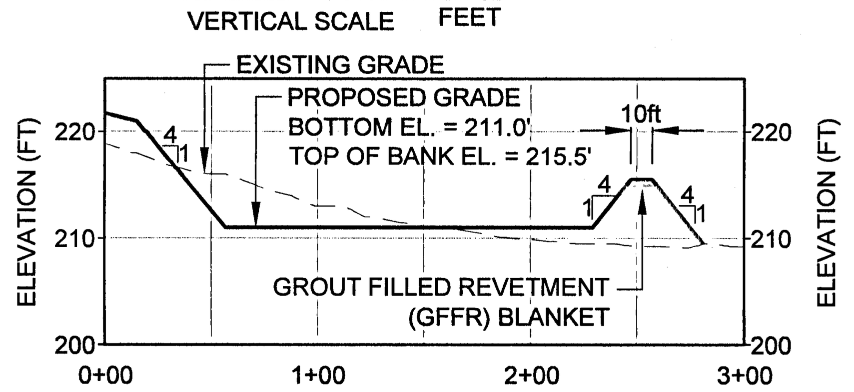
D2 16 CROSS SECTION - BERM 3.2

0 75 150 HORIZONTAL SCALE FEET | 0 15 30 VERTICAL SCALE FEET



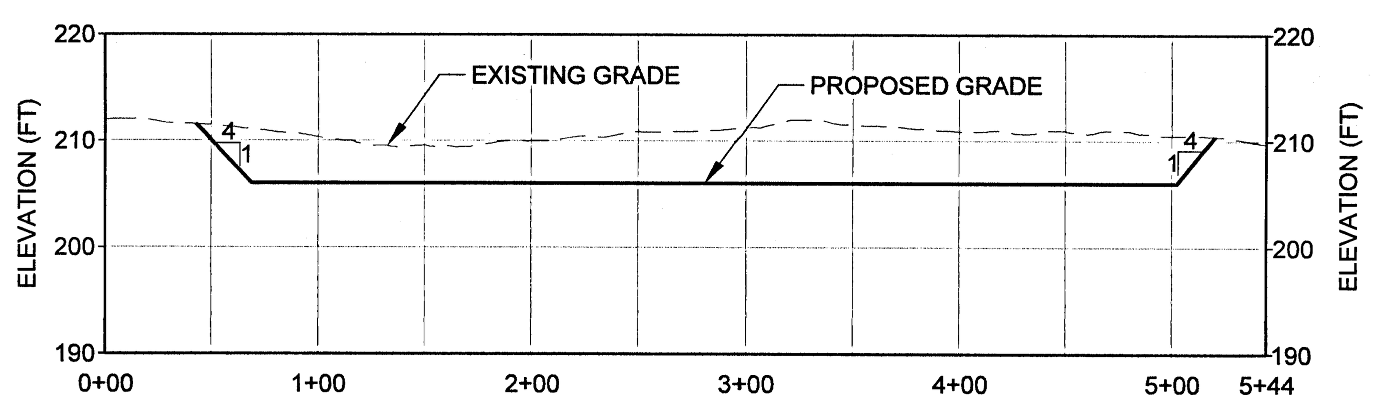
E1 16 CROSS SECTION - RETENTION AREA 4

0 75 150 HORIZONTAL SCALE FEET | 0 15 30 VERTICAL SCALE FEET



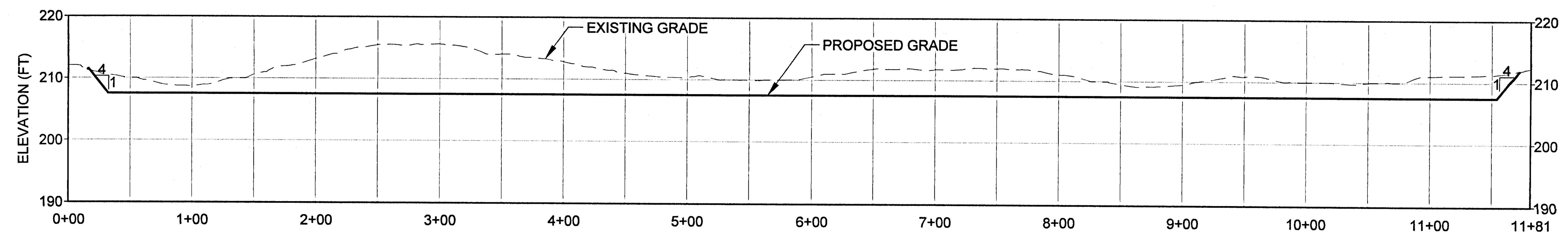
E2 16 CROSS SECTION - RETENTION AREA 4

0 75 150 HORIZONTAL SCALE FEET | 0 15 30 VERTICAL SCALE FEET



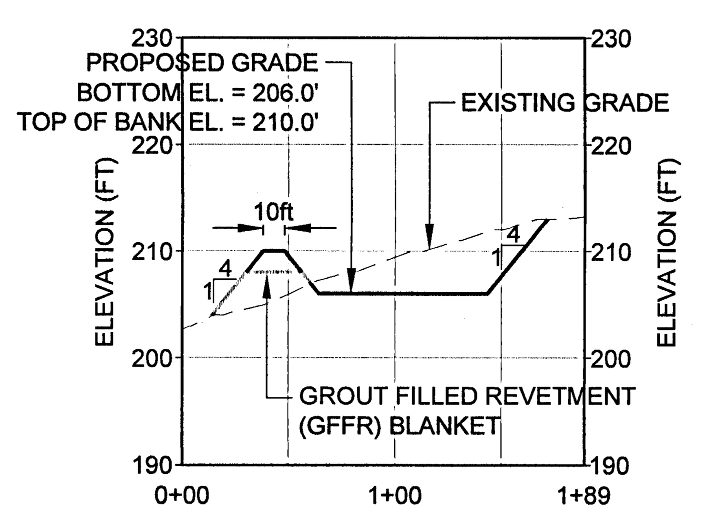
F1 16 CROSS SECTION - RETENTION AREA 5.2

0 75 150 HORIZONTAL SCALE FEET | 0 15 30 VERTICAL SCALE FEET



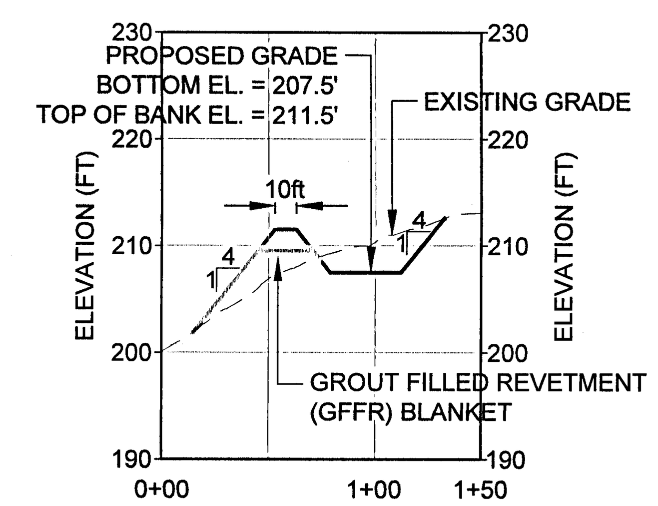
G1 16 CROSS SECTION - RETENTION AREA 5.3

0 75 150 HORIZONTAL SCALE FEET | 0 15 30 VERTICAL SCALE FEET



F2 16 CROSS SECTION - RETENTION AREA 5.2

0 75 150 HORIZONTAL SCALE FEET | 0 15 30 VERTICAL SCALE FEET



G2 16 CROSS SECTION - RETENTION AREA 5.3

0 75 150 HORIZONTAL SCALE FEET | 0 15 30 VERTICAL SCALE FEET

NOTE(S)

1. SHWT ESTIMATED TO BE 200 FEET NAVD88.
2. RETENTION AREA SIDE SLOPES SHALL BE STABILIZED WITH SOD.

CALL before you dig.
811 or 1-800-432-4770
or visit
www.callsunshine.com

BLAKE T. HOLCOMB
LICENSE
No. 72381
STATE OF FLORIDA
PROFESSIONAL ENGINEER

CLIENT	GULF POWER COMPANY
PROJECT	FIRST CITY SOLAR ENERGY CENTER ESCAMBIA COUNTY, FLORIDA
CONSULTANT	GOLDER MEMBER OF WSP
YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH
TITLE	RETENTION AREA DETAILS AND SECTIONS (1 OF 2)
PROJECT NO.	20147595
CONTROL NO.	20147595-011
REV.	D
SHEET	16

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

GENERAL NOTES

1. TOTAL SITE AREA IS 554.03 ACRES. PROJECT AREA IS 457.91 ACRES.
2. THE PROPOSED USE IS AN ALTERNATIVE ENERGY GENERATION FACILITY.
3. THE PROPERTY IS ZONED AGRICULTURAL (AG) AND RURAL RESIDENTIAL (RR).
4. THE LAND IS LOCATED IN THE AGRICULTURAL (AG) AND RURAL COMMUNITY (RC) FLU DESIGNATION.
5. ALL EXISTING EASEMENTS ARE AS SHOWN ON THE BOUNDARY SURVEY.
6. COUNTY WATER, SEWER, STORM DRAINS, AND RECLAIMED WATER ARE NOT AVAILABLE TO THIS SITE.
7. SITE IS LOCATED IN FLOOD ZONE X. THERE ARE NO HISTORIC SITES OR STRUCTURES LOCATED ON THIS SITE.
9. THERE ARE NO PUBLIC USE AREAS EXISTING OR PROPOSED ON THIS SITE. FLOOR AREA RATIO CALCULATION DOES NOT APPLY TO THE PLANNED SOLAR PANELS OR EQUIPMENT BOXES. THERE ARE NO PLANNED BUILDINGS WITH THIS PROJECT.
10. DENSITY DOES NOT APPLY TO THIS PROJECT AS THERE ARE NO PLANNED DWELLING UNITS.
11. FIRST FLOOR ELEVATION DOES NOT APPLY TO THIS PROJECT AS THERE ARE NO PLANNED BUILDINGS.
12. THERE ARE NO PEDESTRIAN WALKWAYS OR BIKEWAYS IN THIS AREA.
13. THERE ARE NO PROPOSED LOADING ZONES.
14. THERE ARE NO PROPOSED BUILDINGS AND NO VEHICLES WILL BE STORED ON THE PROPERTY. THEREFORE, PARKING IS NOT REQUIRED FOR THIS USE AND NONE IS PROVIDED.
15. OPEN SPACE PROVIDED IS 79.86%.
16. THERE ARE NO RECREATION OR PUBLIC AREAS PLANNED FOR THIS SITE.
17. SOLID WASTE PICK UP IS NOT NEEDED FOR THIS UNMANNED FACILITY.
18. NO SIDEWALKS ARE PROPOSED.
19. THE PROJECT WILL BE BUILT IN ONE PHASE WITHIN 5-YEARS OF FINAL SITE PLAN APPROVAL.
20. THIS IS AN UNMANNED FACILITY AND VEHICULAR CIRCULATION IS NOT EXPECTED.
21. 30' WETLAND BUFFER WIDTHS SHOWN.
22. WETLANDS:
    - 22.1. ON-SITE WETLANDS = 7.57 ac.
    - 22.2. ON-SITE WETLAND BUFFERS = 5.12 ac.
    - 22.3. PROPOSED WETLAND IMPACTS = 00.00 ac.
    - 22.4. ON-SITE SURFACE WATERS = 00.00 ac.
    - 22.5. PROPOSED SURFACE WATER IMPACTS = 00.00 ac.
23. 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 DISTURBED 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, 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 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 WHEN NECESSARY.
24. 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.
25. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.
26. 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.
27. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENT ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION.
28. RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETE PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORMWATER 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.
29. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD.
30. DEVELOPER/CONTRACTOR SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZED RETENTION/DETENTION POND(S) AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO REQUEST FOR INSPECTION.
31. 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 REQUESTING FINAL INSPECTION.
32. 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.
33. NOTIFY SUNSHINE *UTILITIES* 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN R/W; 1-800-432-4770.
34. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL "AS-BUILT" SIGN OFF FROM THE COUNTY.
35. IT IS ENGINEER/DEVELOPER'S RESPONSIBILITY TO OBTAIN ALL STATE REQUIRED PERMITS.
36. DRAINAGE FEES SHALL BE PAID AT THE TIME OF THE FINAL COMPARISON SUBMITTAL. DRAINAGE FEES WILL BE DETERMINED AT THE TIME OF ROUTE SHEET SIGN OFF. THE TOTAL IMPERVIOUS AREA PROPOSED FOR THE SITE IS 15.45 ACRES.
37. DISTURBED AREAS WITHIN AND ADJACENT TO COUNTY R/W SHALL BE RESTORED AND STABILIZED TO PRE-EXISTING CONDITIONS. SHOUDER STABILIZATION SHALL BE COMPLETED IN ACCORDANCE WITH FDOT STANDARD INDEX 105.
38. DRIVEWAYS WITHIN COUNTY R/W SHALL BE PAVED IN ACCORDANCE WITH THE DETAILS ON SHEET 20.
39. THE CONDITIONAL USE FOR THIS SITE WAS APPROVED ON JANUARY 20, 2021. THE CASE NUMBER IS CU-2021-02.

BLAKE T. HOLCOMB LICENSE No. 72381 5/17/2021 STATE OF FLORIDA PROFESSIONAL ENGINEER

CALL before you dig.
811 or 1-800-432-4770
or visit
www.callsunshine.com

811

CLIENT
GULF POWER COMPANY

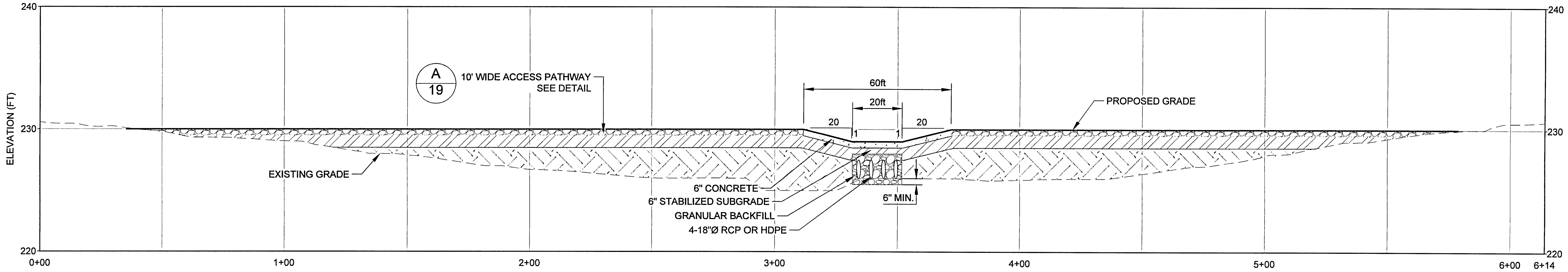
PROJECT
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

CONSULTANT
GOLDER
MEMBER OF WSP

YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH

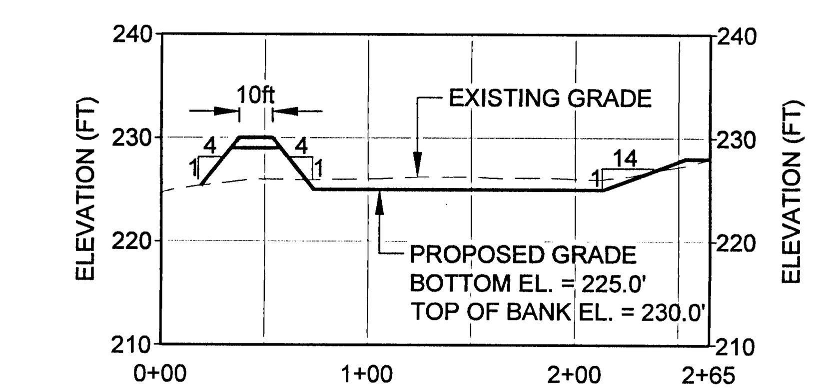
TITLE
GENERAL NOTES

PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-A002	D	2



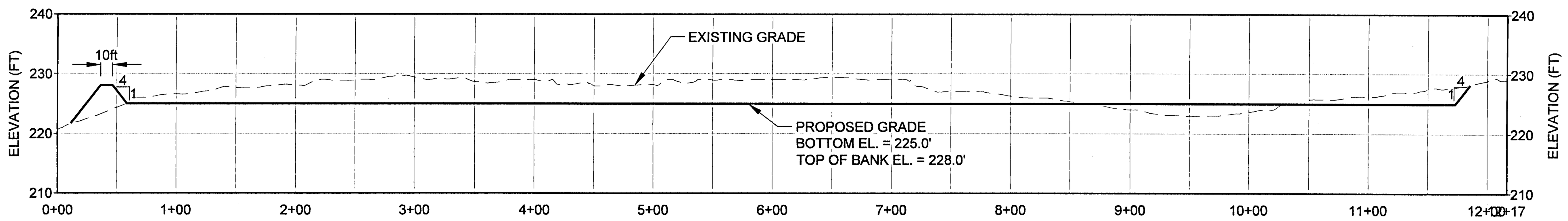
A/17 CROSS SECTION - RETENTION AREA 5.4

0 25 50 HORIZONTAL SCALE FEET
0 5 10 VERTICAL SCALE FEET



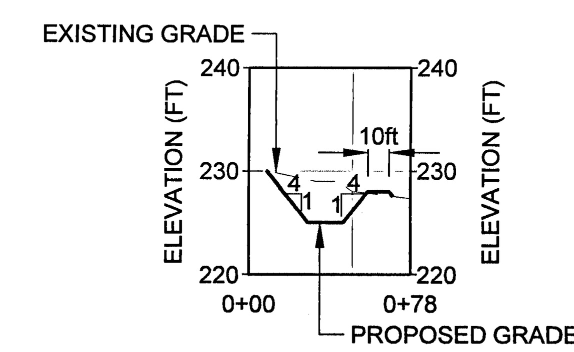
B/17 CROSS SECTION - RETENTION AREA 5.4

0 75 150 HORIZONTAL SCALE FEET
0 15 30 VERTICAL SCALE FEET



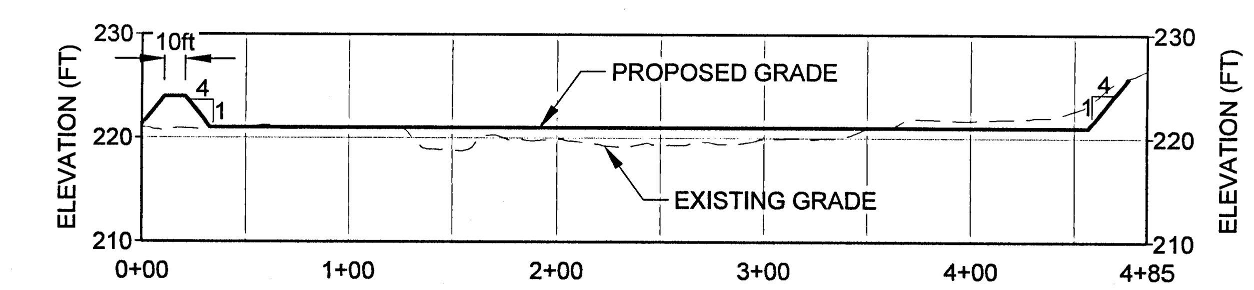
C1/17 CROSS SECTION - RETENTION AREA 7.2

0 75 150 HORIZONTAL SCALE FEET
0 15 30 VERTICAL SCALE FEET



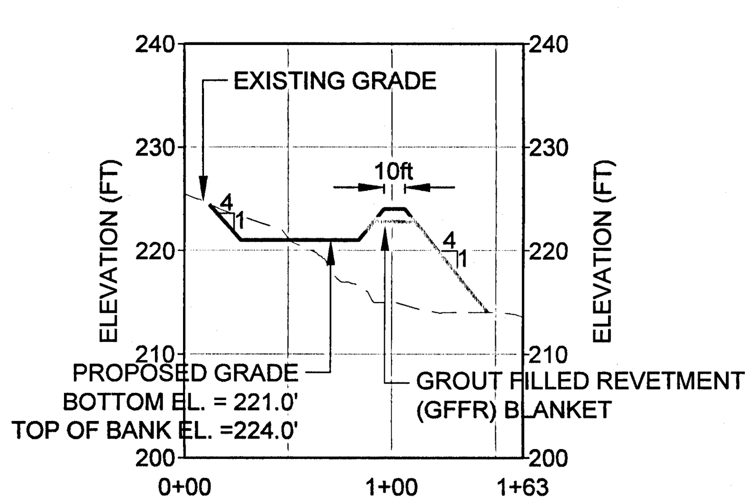
C2/17 CROSS SECTION - RETENTION AREA 7.2

0 75 150 HORIZONTAL SCALE FEET
0 15 30 VERTICAL SCALE FEET



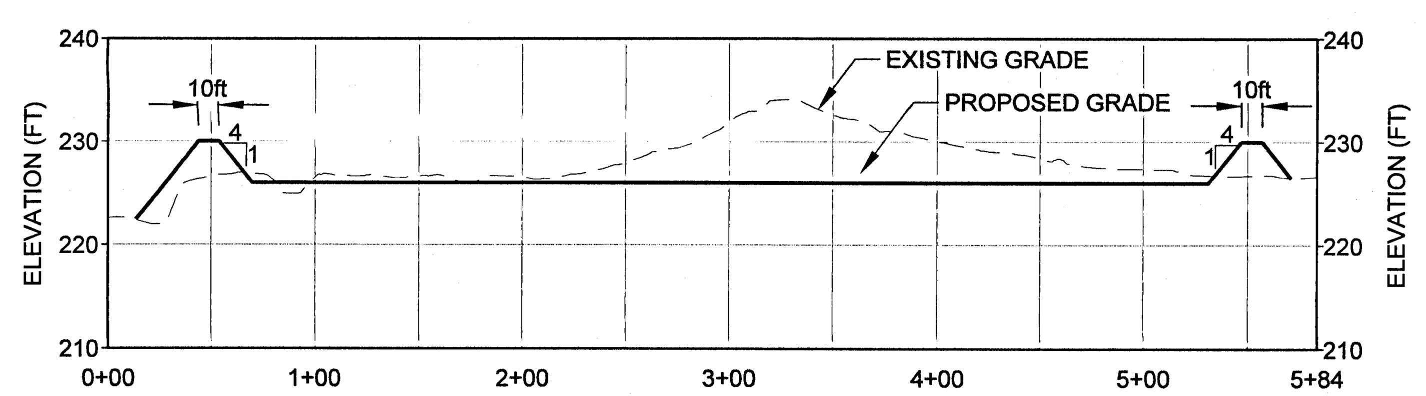
D1/17 CROSS SECTION - RETENTION AREA 7.1

0 75 150 HORIZONTAL SCALE FEET
0 15 30 VERTICAL SCALE FEET



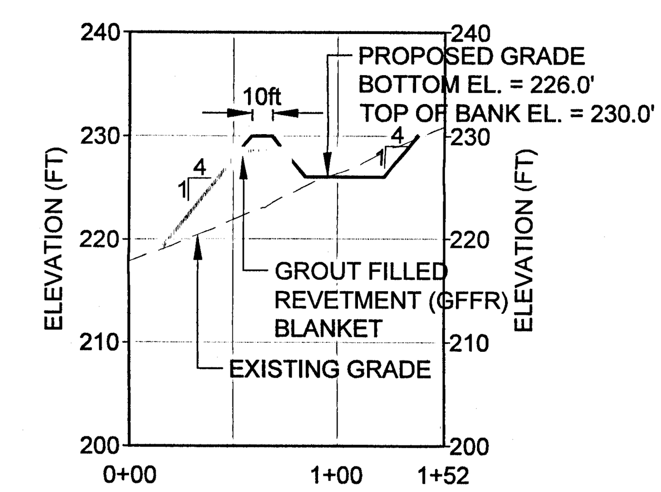
D2/17 CROSS SECTION - RETENTION AREA 7.1

0 75 150 HORIZONTAL SCALE FEET
0 15 30 VERTICAL SCALE FEET



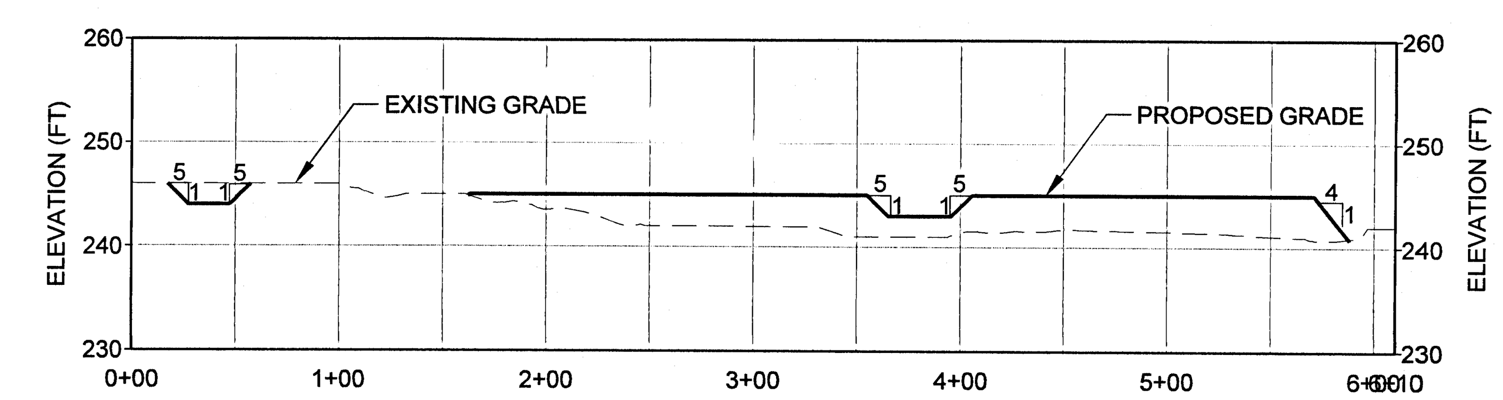
E1/17 CROSS SECTION - RETENTION AREA 6

0 75 150 HORIZONTAL SCALE FEET
0 15 30 VERTICAL SCALE FEET



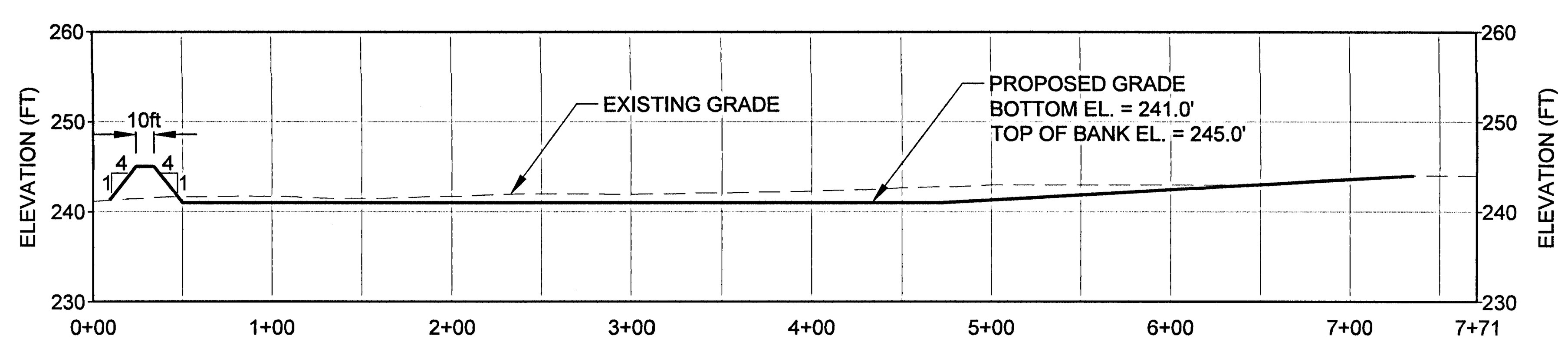
E2/17 CROSS SECTION - RETENTION AREA 6

0 75 150 HORIZONTAL SCALE FEET
0 15 30 VERTICAL SCALE FEET



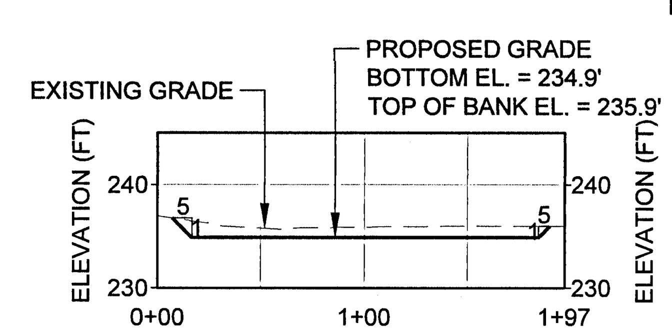
F/17 CROSS SECTION - RETENTION AREA 9.2

0 75 150 HORIZONTAL SCALE FEET
0 15 30 VERTICAL SCALE FEET



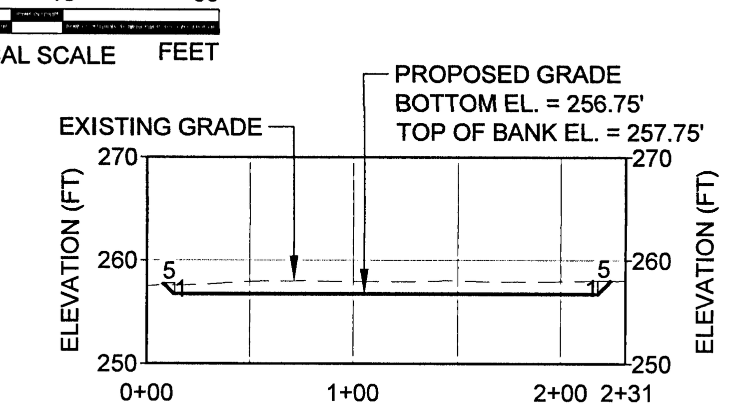
G/17 CROSS SECTION - RETENTION AREA 9.2

0 75 150 HORIZONTAL SCALE FEET
0 15 30 VERTICAL SCALE FEET



H/17 CROSS SECTION - RETENTION AREA 8

0 75 150 HORIZONTAL SCALE FEET
0 15 30 VERTICAL SCALE FEET



I/17 CROSS SECTION - RETENTION AREA 10

0 75 150 HORIZONTAL SCALE FEET
0 15 30 VERTICAL SCALE FEET

BLAKE T. HOLCOMB
LICENSE
5/17/2021
No. 72381
STATE OF FLORIDA
PROFESSIONAL ENGINEER

CALL before you dig.
811 or 1-800-432-4770
or visit
www.callsunshine.com

NOTE(S)

1. SHWT ESTIMATED TO BE 200 FEET NAVD88.
2. RETENTION AREA SIDE SLOPES SHALL BE STABILIZED WITH SOD.

CLIENT
GULF POWER COMPANY

PROJECT
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

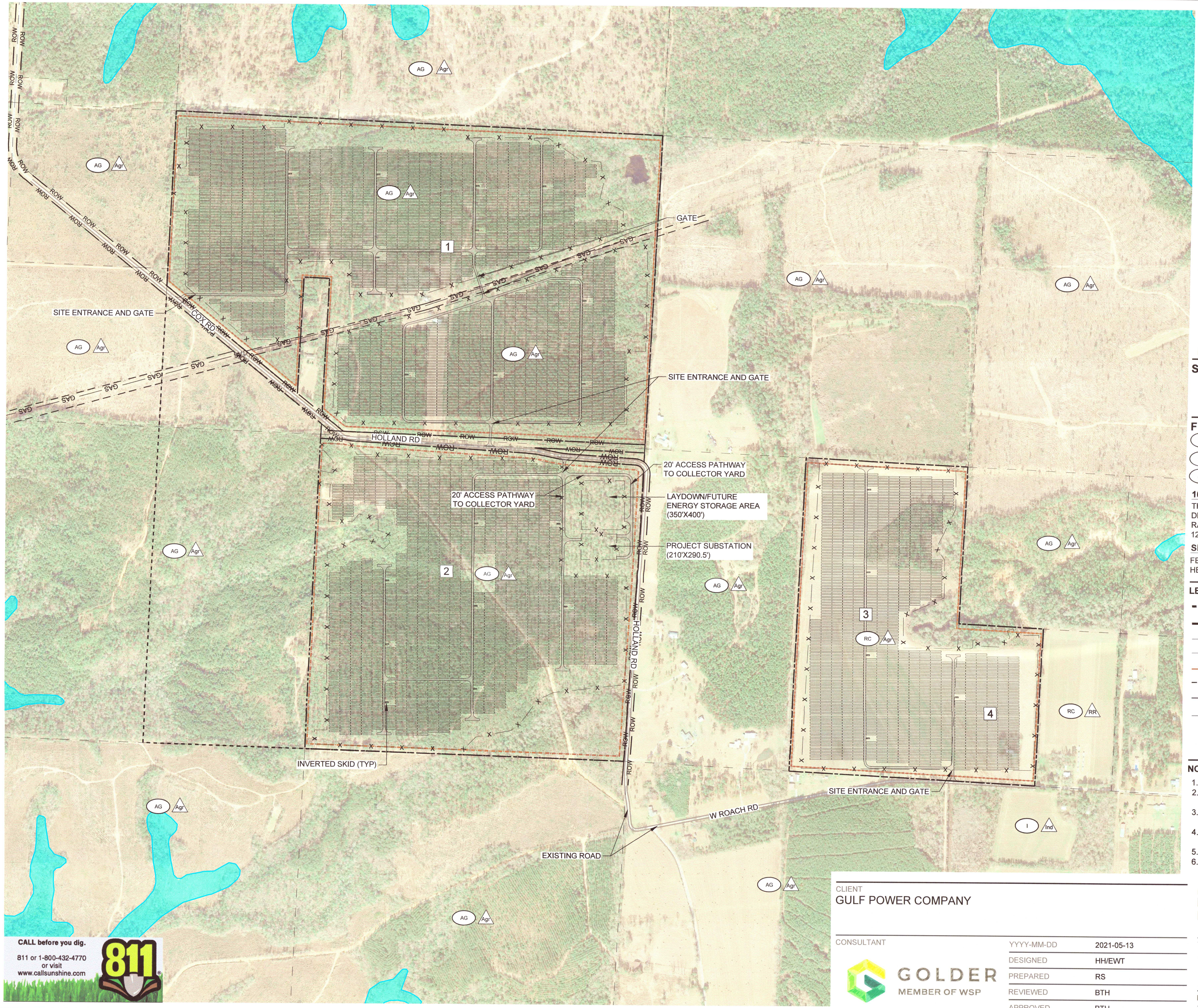
CONSULTANT
GOLDER
MEMBER OF WSP

YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH

TITLE
RETENTION AREA
DETAILS AND SECTIONS (2 OF 2)

PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-011	D	17

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



SITE COVERAGE TABLE			
DESCRIPTION	SQ. FT.	ACREAGE	% OF SITE
PROPOSED ACCESS PATHS	466,103	10.70	1.93
SUBSTATION	61,005	1.40	0.25
LAYDOWN/FUTURE ENERGY STORAGE AREA	140,000	3.21	0.58
INVERTER PADS	6,054	0.14	0.03
TOTAL IMPERVIOUS	673,162	15.45	2.79
FENCED AREA	15,256,257	350.24	63.22
OPEN SPACE	19,273,237	442.45	79.86
PROJECT AREA	19,946,399	457.91	82.65
TOTAL AREA	24,133,355	554.03	100

GULF POWER COMPANY
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

BLAKE T. HOLCOMB
LICENSE
5/17/2021
No. 72381
STATE OF FLORIDA
PROFESSIONAL ENGINEER

OWNER

GULF POWER COMPANY

ZONING

SITE ZONING SETBACKS	
FRONT	40'
SIDE	15'
REAR	40'

0 400 800
1" = 800' FEET

SITE PARCEL ID

1 28-5N-31-1101-000-000
2 28-5N-31-3102-000-000
3 27-5N-31-3101-000-001
4 27-5N-31-4300-000-000

FUTURE LAND USE

AG AGRICULTURE
I INDUSTRIAL
RC RURAL COMMUNITY

ZONING DESIGNATION

Agr AGRICULTURE
Ind INDUSTRIAL
RR RURAL RESIDENTIAL

100-YEAR FLOODPLAIN

THE SUBJECT PROPERTY, AS SHOWN HEREON IS LOCATED IN FLOOD ZONE X, AS DETERMINED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA, COMMUNITY 120080, FIRM MAP PANEL NUMBER 120333C065G, MAP REVISION DATED SEPTEMBER 29, 2006.

SECURITY FENCING

FENCE SHALL BE 6'-0" CHAINLINK WITH 3 STRANDS OF BARBED WIRE TO MAKE AN OVERALL HEIGHT OF 7'-0".

LEGEND

SITE BOUNDARY
PROJECT AREA
PROPOSED FENCE
PARCEL BOUNDARY
ZONING SETBACK
ROW ROW RIGHT-OF-WAY
GAS LINE EASEMENT
GAS EXISTING UNDERGROUND GAS LINE
FLOODPLAIN - ZONE A
WETLAND BOUNDARY
WETLAND BUFFER
SOLAR PANELS
INVERTER PAD
ACCESS PATHWAY

NOTE(S)

1. AERIAL IMAGERY COURTESY OF GOOGLE EARTH DATED 01/05/2019.
2. TOPOGRAPHIC CONTOUR DATA WITHIN PROJECT BOUNDARY TAKE FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 11/19/2018.
3. ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). NAVD88 = NGVD29 + 0.039 FT.
4. BOUNDARY SURVEY DATA TAKEN FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 09/23/2020.
5. WETLAND DATA TAKEN FROM GOLDER ASSOCIATES, INC. DATED 06/01/2020.
6. LIMITS OF DEVELOPMENT BOUNDARY GENERATED BY GOLDER ASSOCIATES, INC. USING BOUNDARY SURVEY DATA.

CLIENT
GULF POWER COMPANY

CONSULTANT
GOLDER
MEMBER OF WSP

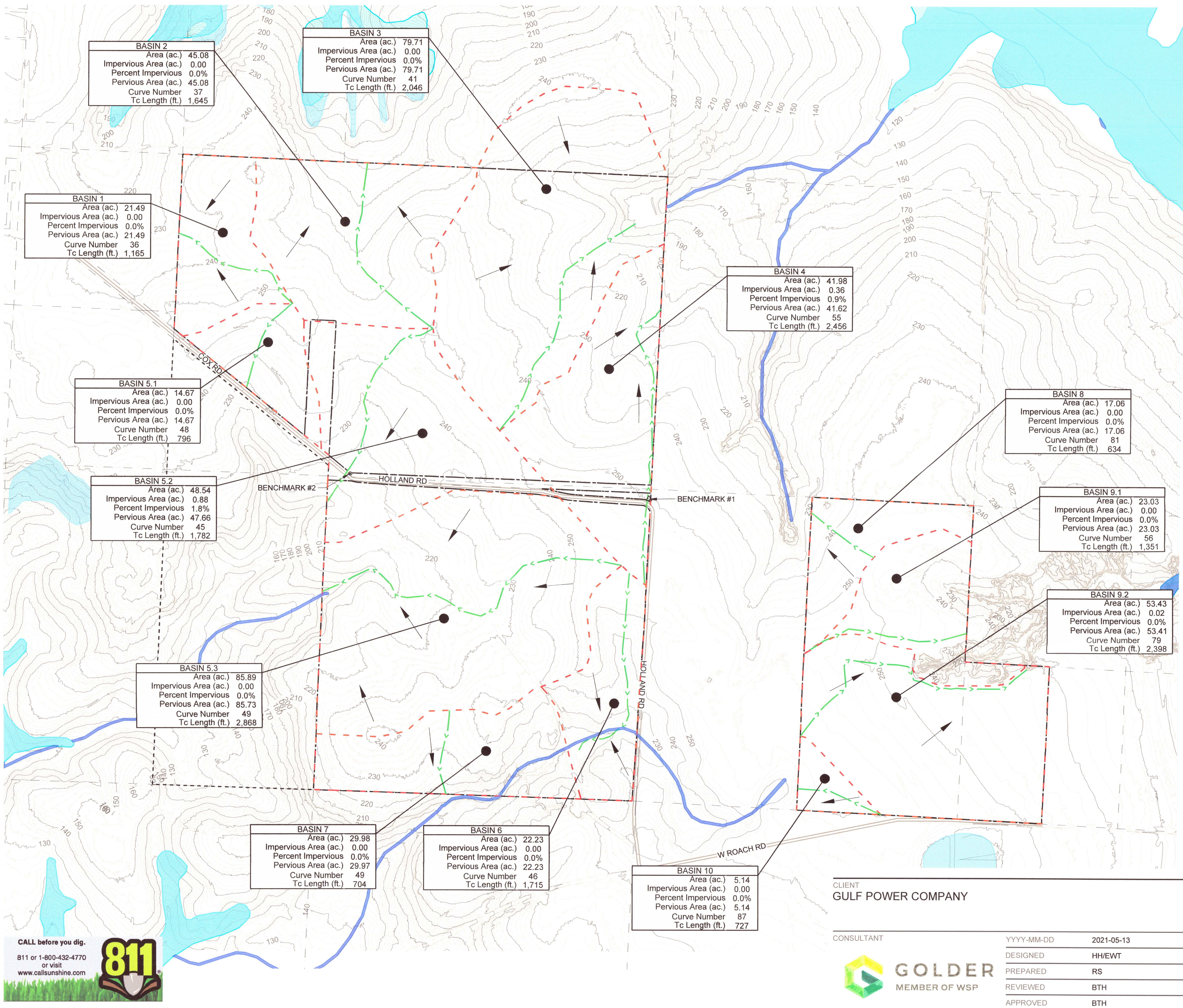
YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH

PROJECT
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

TITLE
SITE PLAN

PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-003	D	3

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B
1 in



0 400 800
1" = 800' FEET

LEGEND

- SITE BOUNDARY
- PROJECT AREA
- PARCEL BOUNDARY
- 240 EXISTING CONTOURS
- BASIN BOUNDARY
- TIME OF CONCENTRATION FLOW PATH
- SHEET FLOW DIRECTION
- FLOODPLAIN - ZONE A
- WETLAND BOUNDARY
- FRESHWATER FORESTED/SHRUB WETLAND
- RIVERINE

NOTE(S)

1. TOPOGRAPHIC CONTOUR DATA WITHIN PROJECT BOUNDARY TAKE FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 11/19/2018.
2. ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). NAVD88 = NGVD29 + 0.039 FT.
3. BOUNDARY SURVEY DATA TAKEN FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 09/23/2020.
4. WETLAND DATA TAKEN FROM GOLDER ASSOCIATES, INC. DATED 06/01/2020.
6. LIMITS OF DEVELOPMENT BOUNDARY GENERATED BY GOLDER ASSOCIATES, INC. USING BOUNDARY SURVEY DATA.
7. BENCHMARK #1: SET 5/8" IRON ROAD IN NORTH RIGHT OF WAY OF HOLLAND ROAD AT ELEVATION 249.72 (NAVD88).
8. BENCHMARK #2: FOUND IRON ROD WITH CAP #7073 AT PROPERTY CORNER AT ELEVATION 215.01 (NAVD88).
9. RIVERINE BOUNDARIES TAKEN FROM NATIONAL WETLANDS INVENTORY.

BLAKE T. HOLCOMB LICENSE No. 72381 STATE OF FLORIDA PROFESSIONAL ENGINEER 5/17/2021

CLIENT
GULF POWER COMPANY

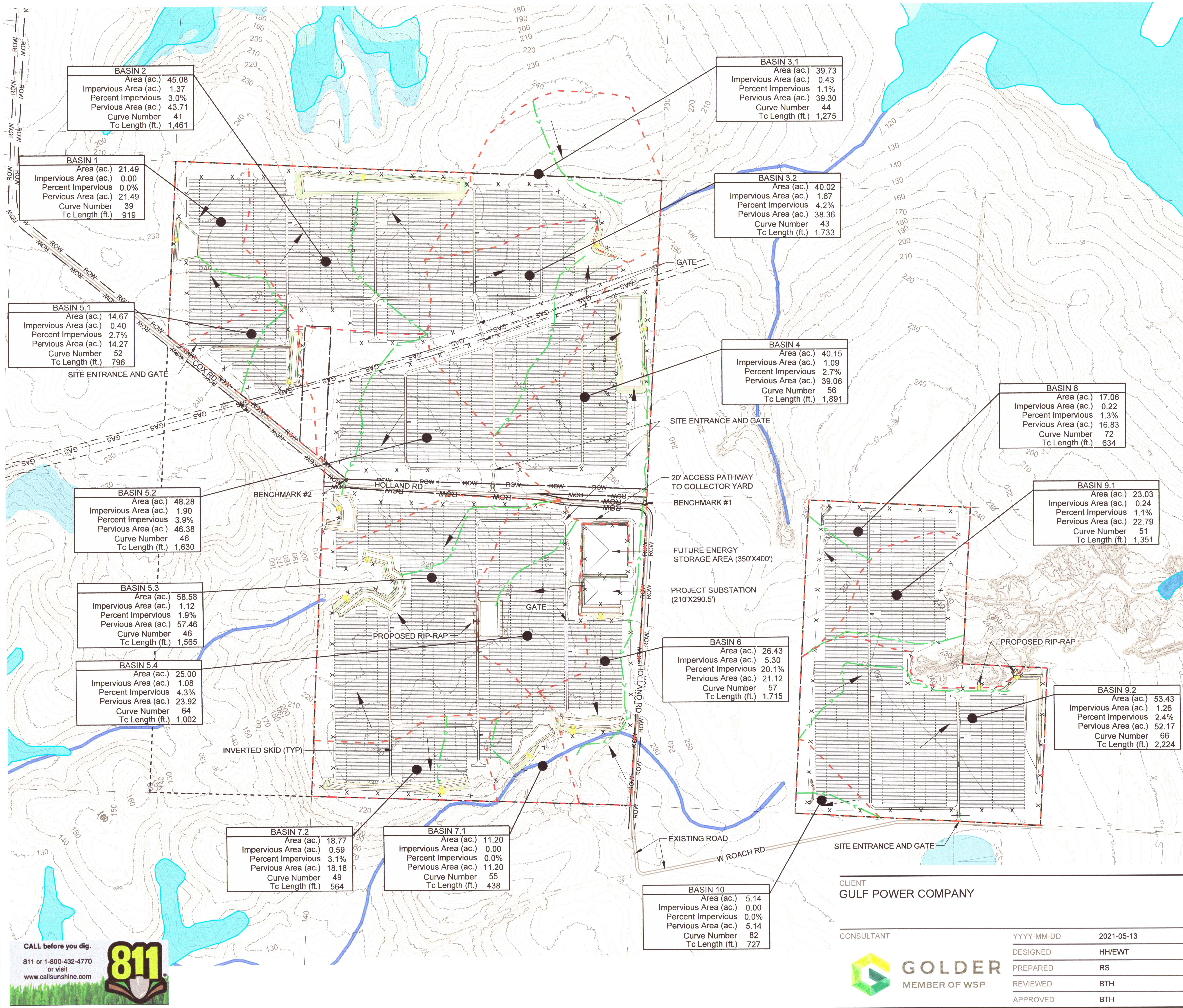
CONSULTANT
GOLDER MEMBER OF WSP

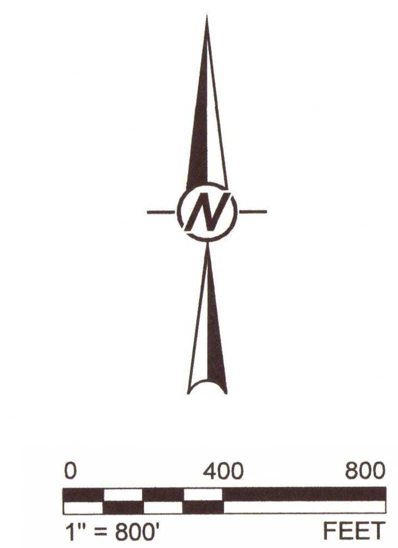
YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH

PROJECT
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

TITLE
PRE-DEVELOPMENT DRAINAGE PLAN

PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-004	D	4





LEGEND

	SITE BOUNDARY		FLOODPLAIN - ZONE A
	PROJECT AREA		WETLAND BOUNDARY
	PROPOSED FENCE		WETLAND BUFFER
	PARCEL BOUNDARY		SOLAR PANELS
ROW — ROW	RIGHT-OF-WAY		INVERTER PAD
	GAS LINE EASEMENT		ACCESS PATHWAY
GAS	EXISTING UNDERGROUND GAS LINE		FRESHWATER FORESTED/SHRUB WETLAND
240	EXISTING CONTOURS		RIVERINE
240	PROPOSED CONTOURS		
	BASIN BOUNDARY		
	TIME OF CONCENTRATION FLOW PATH		
	SHEET FLOW DIRECTION		

NOTE(S)

1. TOPOGRAPHIC CONTOUR DATA WITHIN PROJECT BOUNDARY TAKE FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 11/19/2018.
2. ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). NAVD88 = NGVD29 + 0.039 FT.
3. BOUNDARY SURVEY DATA TAKEN FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 09/23/2020.
4. WETLAND DATA TAKEN FROM GOLDER ASSOCIATES, INC. DATED 06/01/2020.
6. LIMITS OF DEVELOPMENT BOUNDARY GENERATED BY GOLDER ASSOCIATES, INC. USING BOUNDARY SURVEY DATA.
7. BENCHMARK #1: SET 5/8" IRON ROAD IN NORTH RIGHT OF WAY OF HOLLAND ROAD AT ELEVATION 249.72 (NAVD88).
8. BENCHMARK #2: FOUND IRON ROD WITH CAP #7073 AT PROPERTY CORNER AT ELEVATION 215.01 (NAVD88).
9. RIVERINE BOUNDARIES TAKEN FROM NATIONAL WETLANDS INVENTORY.

BLAKE T. HOLCOMB
LICENSE
No. 72381
5/17/2021
STATE OF FLORIDA
PROFESSIONAL ENGINEER

CLIENT
GULF POWER COMPANY

PROJECT
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

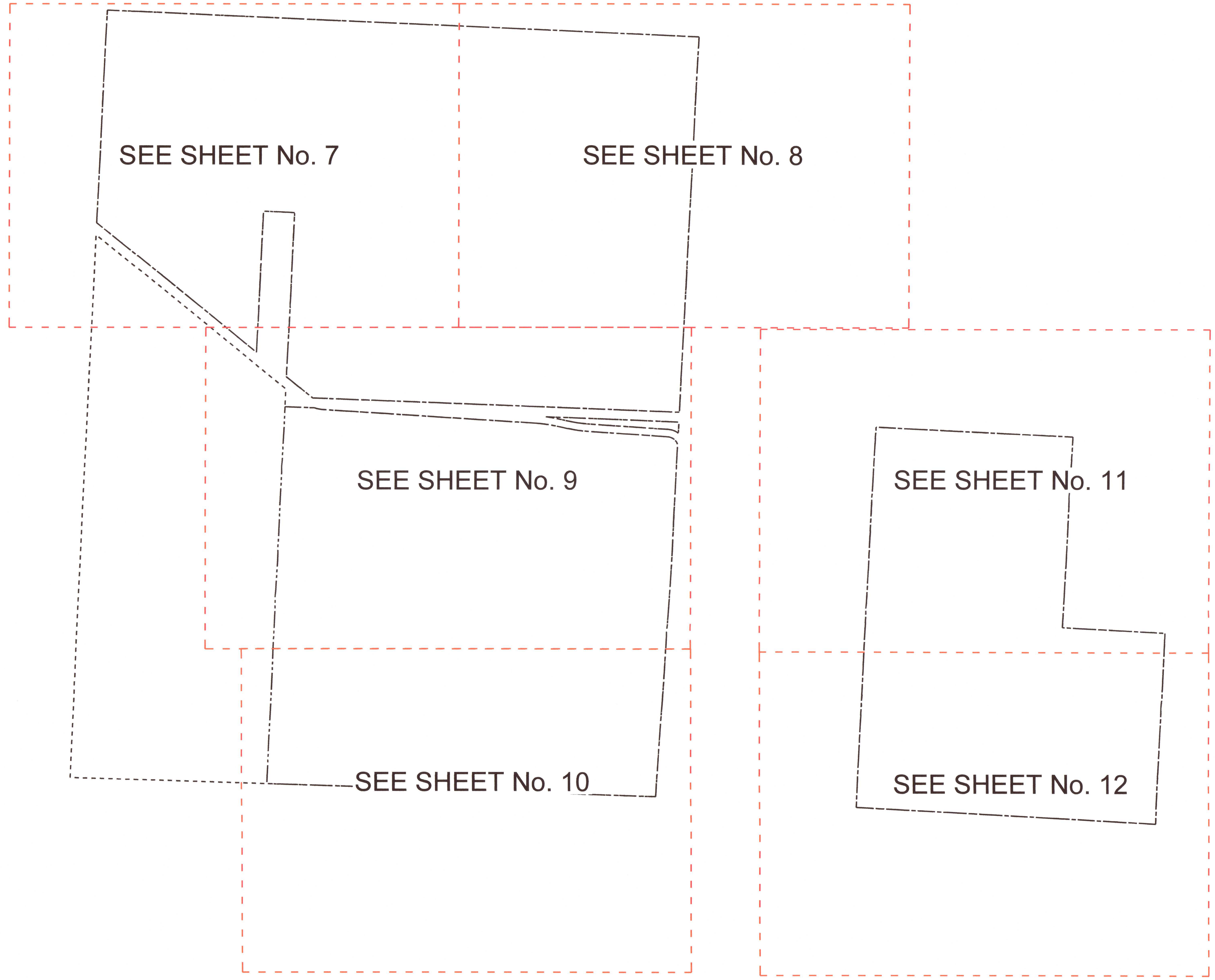
CONSULTANT
GOLDER
MEMBER OF WSP

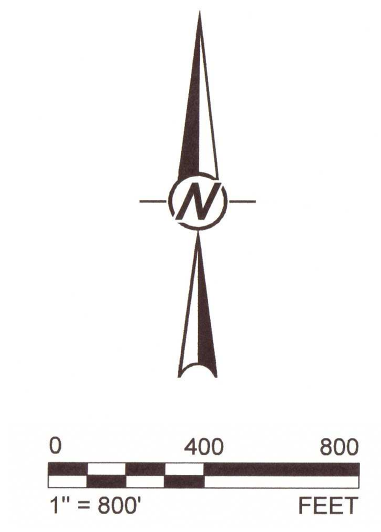
YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH

TITLE
POST-DEVELOPMENT DRAINAGE PLAN

PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-005	D	5

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



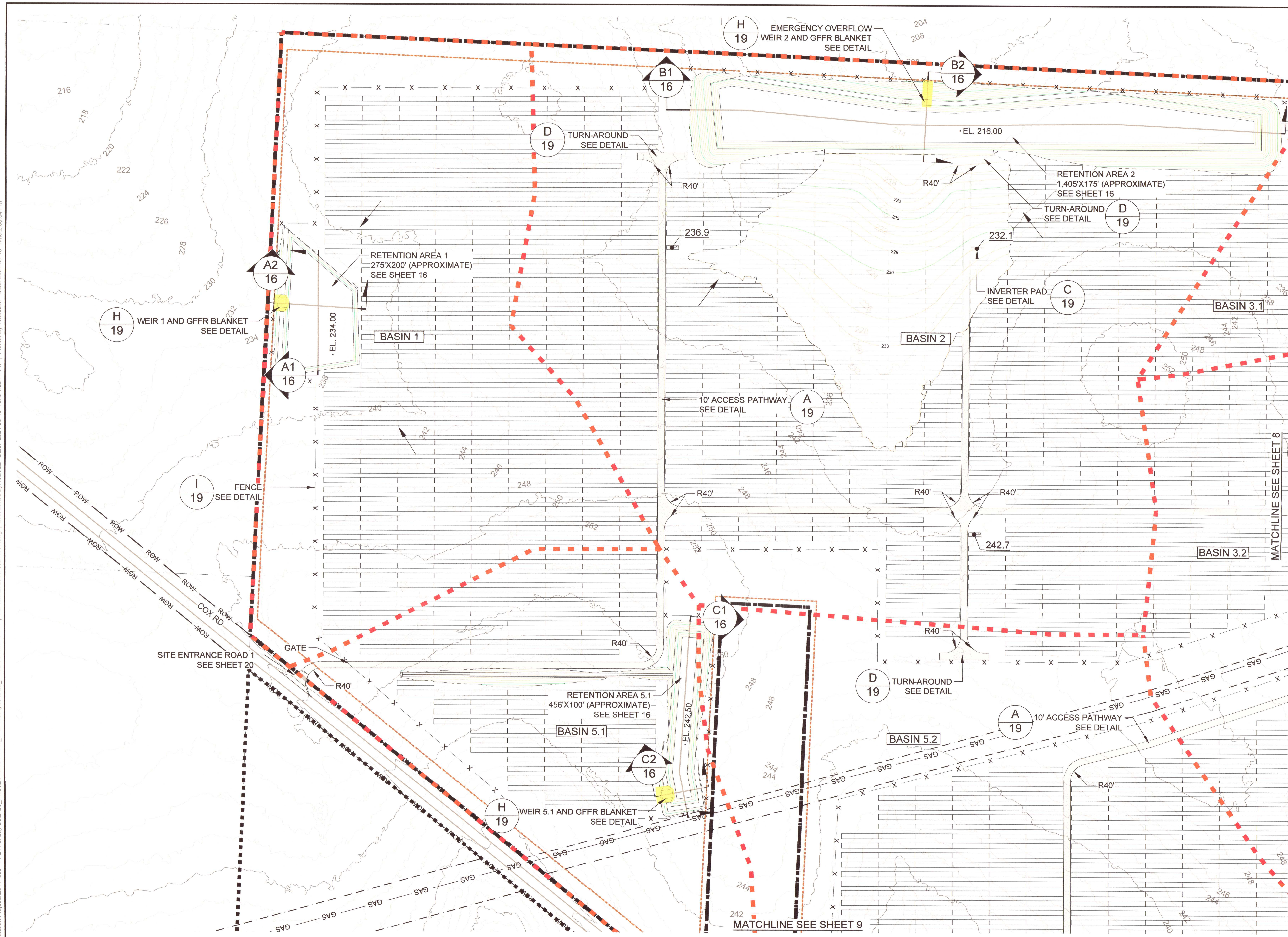


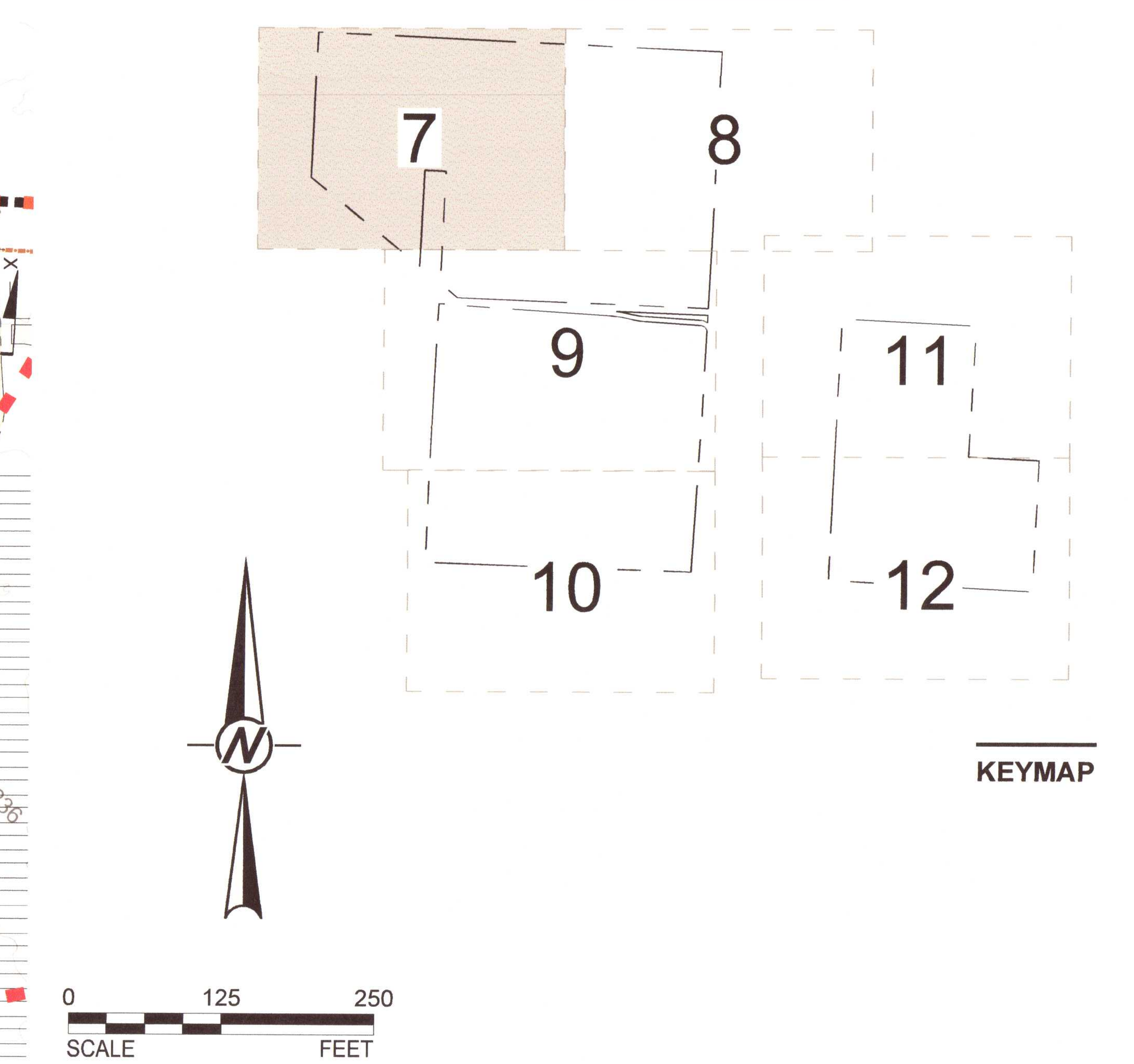
LEGEND

- SITE BOUNDARY
- PROJECT AREA
- SHEET MATCHLINE

BLAKE T. HOLCOMB
LICENSE
5/17/2021
No. 72381
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

CLIENT GULF POWER COMPANY		PROJECT FIRST CITY SOLAR ENERGY CENTER ESCAMBIA COUNTY, FLORIDA	
CONSULTANT GOLDER MEMBER OF WSP	YYYY-MM-DD: 2021-05-13 DESIGNED: HH/EWT PREPARED: RS REVIEWED: BTH APPROVED: BTH	TITLE **GRADING PLAN KEY MAP**	
		PROJECT NO. 20147595	CONTROL NO. 20147595-006
		REV. D	SHEET 6





LEGEND

SITE BOUNDARY	WETLAND BOUNDARY
PROJECT AREA	WETLAND BUFFER
PROPOSED FENCE	SOLAR PANELS
PARCEL BOUNDARY	INVERTER PAD
ZONING SETBACK	ACCESS PATHWAY
RIGHT-OF-WAY	BASIN 2 BASIN IDENTIFICATION
GAS LINE EASEMENT	250.1 FINISH GRADE
EXISTING UNDERGROUND GAS LINE	RIVERINE
240 EXISTING CONTOURS	
240 PROPOSED CONTOURS	
BASIN BOUNDARY	
SHEET FLOW DIRECTION	

BLAKE T. HOLCOMB LICENSE No. 72381 5/17/2021 STATE OF FLORIDA PROFESSIONAL ENGINEER

NOTE(S)

1. INVERTER PADS SHALL BE A MINIMUM OF 12" ABOVE FINISH GRADE OR THE 100 YEAR FLOOD ELEVATION, WHICHEVER IS GREATER.
2. TOPOGRAPHIC CONTOUR DATA WITHIN PROJECT BOUNDARY TAKE FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 11/19/2018.
3. ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). NAVD88 = NGVD29 + 0.039 FT.
4. BOUNDARY SURVEY DATA TAKEN FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 09/23/2020.
5. WETLAND DATA TAKEN FROM GOLDER ASSOCIATES, INC. DATED 06/01/2020.
6. SITE BOUNDARY GENERATED BY GOLDER ASSOCIATES, INC. USING BOUNDARY SURVEY DATA.
7. FLOODPLAIN DATA FROM FEMA FIRM PANEL No. 12033C0065G, EFFECTIVE DATE: 09/28/2006.
8. RETENTION AREA BERMS AND SIDE SLOPES SHALL BE STABILIZED WITH SEEDING, FERTILIZER/MULCH, HYDROSEED AND/OR SOD.
7. BENCHMARK #1: SET 5/8" IRON ROAD IN NORTH RIGHT OF WAY OF HOLLAND ROAD AT ELEVATION 249.72 (NAVD88).
8. BENCHMARK #2: FOUND IRON ROD WITH CAP #7073 AT PROPERTY CORNER AT ELEVATION 215.01 (NAVD88).
9. RIVERINE BOUNDARIES TAKEN FROM NATIONAL WETLANDS INVENTORY.

CLIENT
GULF POWER COMPANY

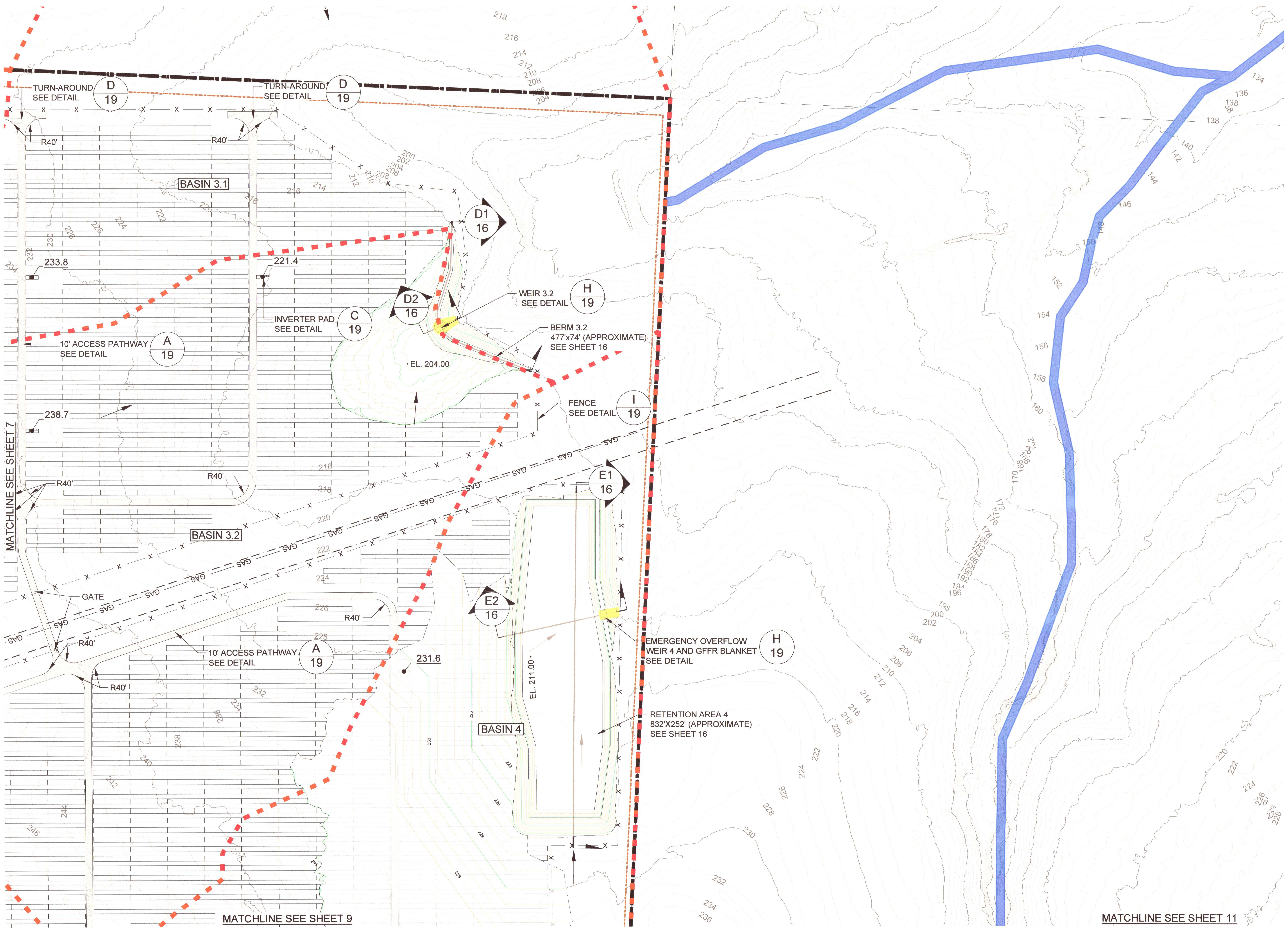
CONSULTANT
GOLDER MEMBER OF WSP

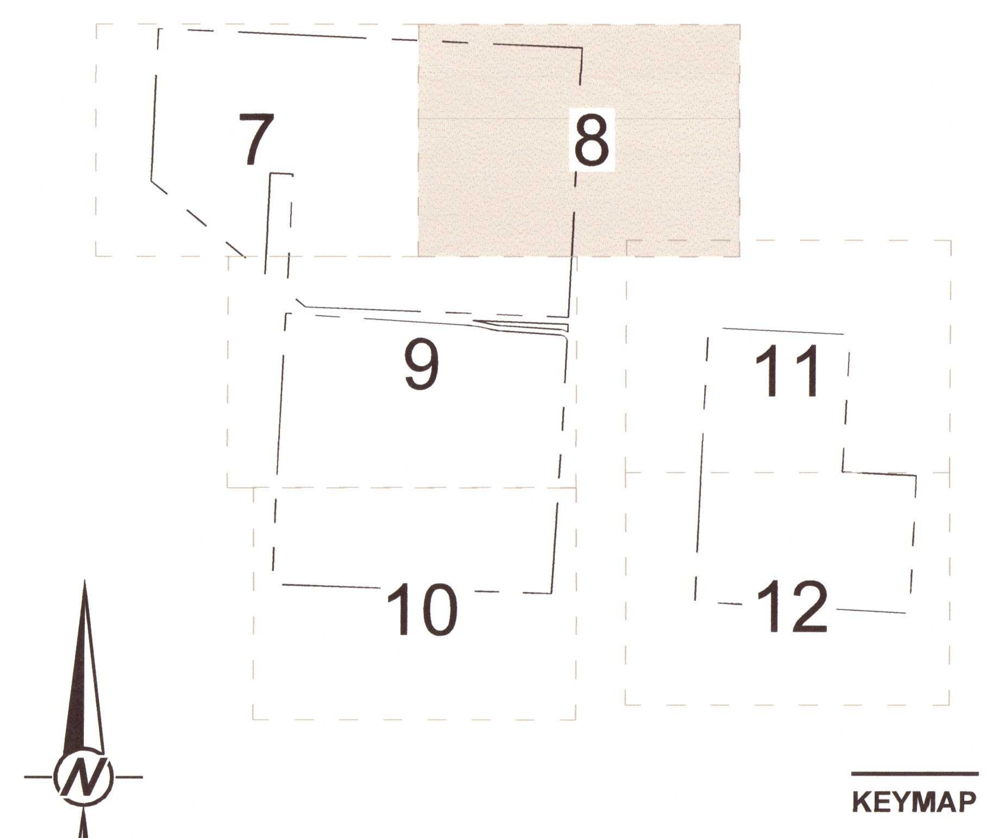
YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH

PROJECT
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

TITLE
GRADING PLAN (1 OF 6)

PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-007	D	7





0 125 250
SCALE FEET

LEGEND

- SITE BOUNDARY
- PROJECT AREA
- PROPOSED FENCE
- PARCEL BOUNDARY
- ZONING SETBACK
- RIGHT-OF-WAY
- GAS LINE EASEMENT
- EXISTING UNDERGROUND GAS LINE
- EXISTING CONTOURS
- PROPOSED CONTOURS
- BASIN BOUNDARY
- SHEET FLOW DIRECTION
- WETLAND BOUNDARY
- WETLAND BUFFER
- SOLAR PANELS
- INVERTER PAD
- ACCESS PATHWAY
- BASIN 2 BASIN IDENTIFICATION
- 250.1 FINISH GRADE
- RIVERINE

BLAKE T. HOLCOMB LICENSE No. 72381 STATE OF FLORIDA PROFESSIONAL ENGINEER 5/13/2021

NOTE(S)

1. INVERTER PADS SHALL BE A MINIMUM OF 12" ABOVE FINISH GRADE OR THE 100 YEAR FLOOD ELEVATION, WHICHEVER IS GREATER.
2. TOPOGRAPHIC CONTOUR DATA WITHIN PROJECT BOUNDARY TAKE FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 11/19/2018.
3. ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). NAVD88 = NGVD29 + 0.039 FT.
4. BOUNDARY SURVEY DATA TAKEN FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 09/23/2020.
5. WETLAND DATA TAKEN FROM GOLDER ASSOCIATES, INC. DATED 06/01/2020.
6. SITE BOUNDARY GENERATED BY GOLDER ASSOCIATES, INC. USING BOUNDARY SURVEY DATA.
7. FLOODPLAIN DATA FROM FEMA FIRM PANEL No. 12033C0065G, EFFECTIVE DATE: 09/28/2006.
8. RETENTION AREA BERMS AND SIDE SLOPES SHALL BE STABILIZED WITH SEEDING, FERTILIZER/MULCH, HYDROSEED AND/OR SOD.
7. BENCHMARK #1: SET 5/8" IRON ROAD IN NORTH RIGHT OF WAY OF HOLLAND ROAD AT ELEVATION 249.72 (NAVD88).
8. BENCHMARK #2: FOUND IRON ROD WITH CAP #7073 AT PROPERTY CORNER AT ELEVATION 215.01 (NAVD88).
9. RIVERINE BOUNDARIES TAKEN FROM NATIONAL WETLANDS INVENTORY.

CLIENT
GULF POWER COMPANY

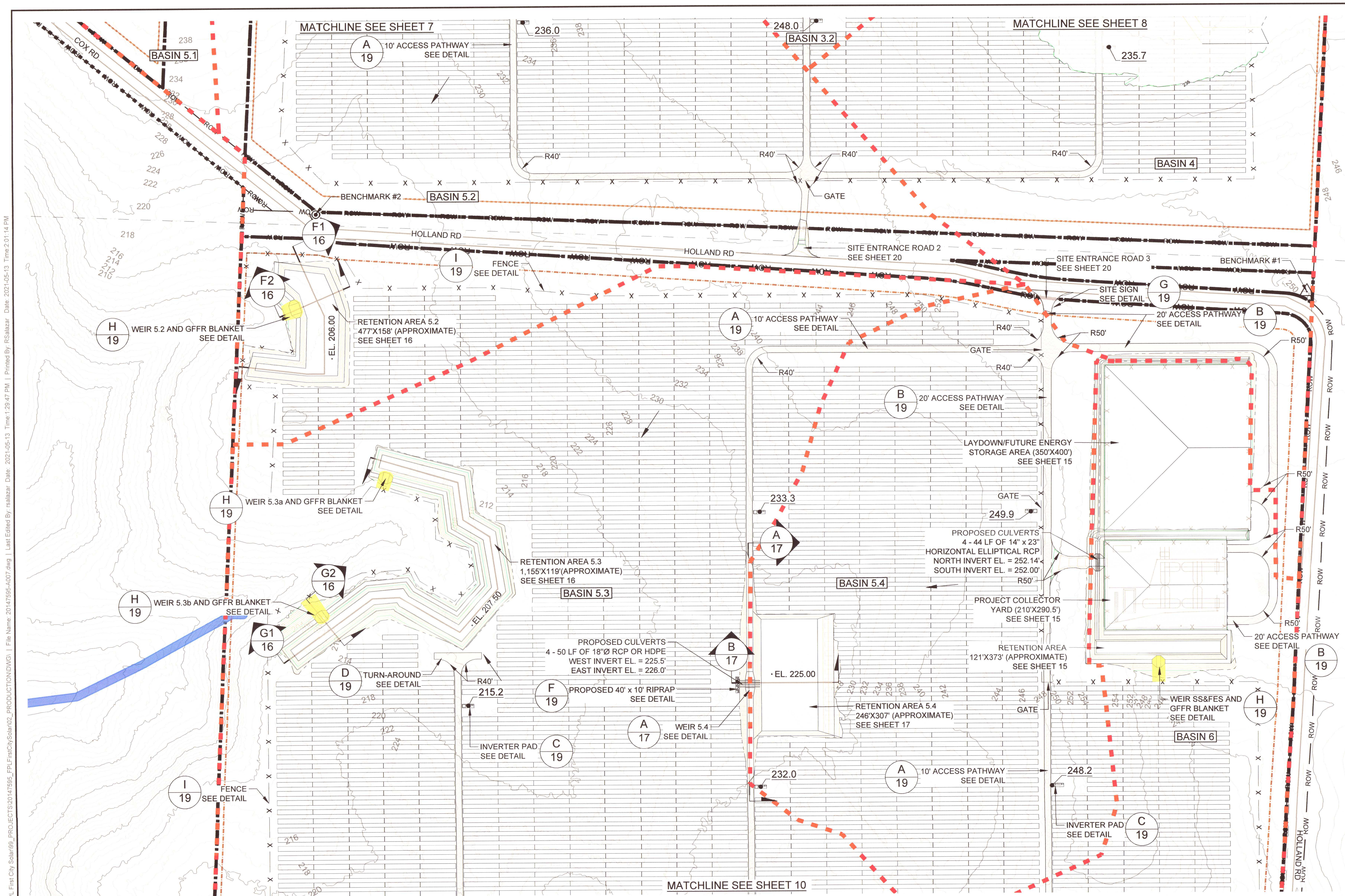
CONSULTANT
GOLDER MEMBER OF WSP

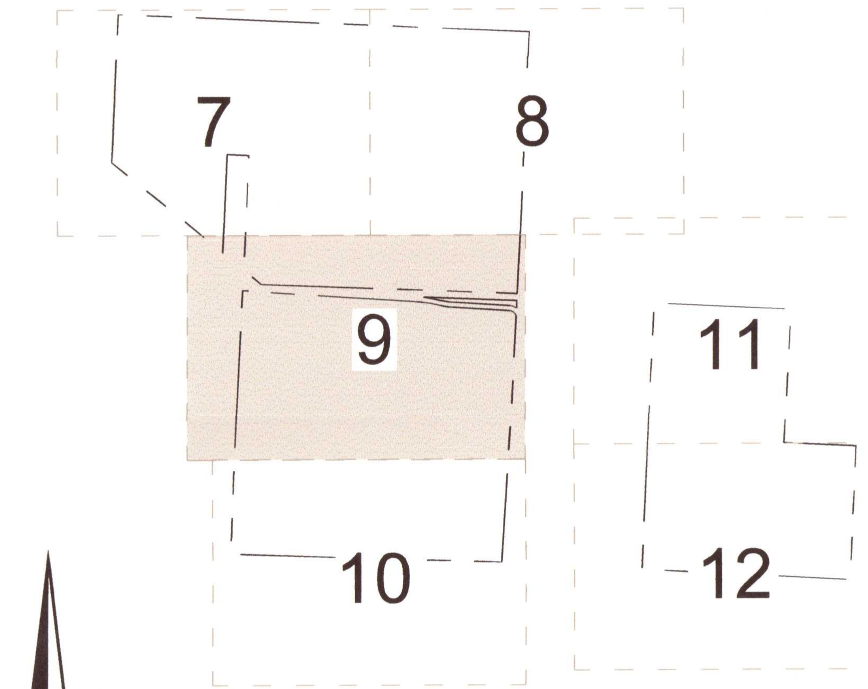
YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH

PROJECT
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

TITLE
GRADING PLAN (2 OF 6)

PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-007	D	8





KEYMAP

SCALE 0 135 270 FEET

LEGEND

- SITE BOUNDARY
- PROJECT AREA
- PROPOSED FENCE
- PARCEL BOUNDARY
- ZONING SETBACK
- RIGHT-OF-WAY
- GAS LINE EASEMENT
- EXISTING UNDERGROUND GAS LINE
- EXISTING CONTOURS
- PROPOSED CONTOURS
- BASIN BOUNDARY
- SHEET FLOW DIRECTION
- WETLAND BOUNDARY
- WETLAND BUFFER
- SOLAR PANELS
- INVERTER PAD
- ACCESS PATHWAY
- BASIN 2 BASIN IDENTIFICATION
- 250.1 FINISH GRADE
- RIVERINE

BLAKE T. HOLCOMB LICENSE No. 72381 STATE OF FLORIDA PROFESSIONAL ENGINEER 5/17/2021

NOTE(S)

1. INVERTER PADS SHALL BE A MINIMUM OF 12" ABOVE FINISH GRADE OR THE 100 YEAR FLOOD ELEVATION, WHICHEVER IS GREATER.
2. TOPOGRAPHIC CONTOUR DATA WITHIN PROJECT BOUNDARY TAKE FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 11/19/2018.
3. ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). NAVD88 = NGVD29 + 0.039 FT.
4. BOUNDARY SURVEY DATA TAKEN FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 09/23/2020.
5. WETLAND DATA TAKEN FROM GOLDER ASSOCIATES, INC. DATED 06/01/2020.
6. SITE BOUNDARY GENERATED BY GOLDER ASSOCIATES, INC. USING BOUNDARY SURVEY DATA.
7. FLOODPLAIN DATA FROM FEMA FIRM PANEL No. 12033C0065G, EFFECTIVE DATE: 09/28/2006.
8. RETENTION AREA BERMS AND SIDE SLOPES SHALL BE STABILIZED WITH SEEDING, FERTILIZER/MULCH, HYDROSEED AND/OR SOD.
8. BENCHMARK #1: SET 5/8" IRON ROAD IN NORTH RIGHT OF WAY OF HOLLAND ROAD AT ELEVATION 249.72 (NAVD88).
8. BENCHMARK #2: FOUND IRON ROD WITH CAP #7073 AT PROPERTY CORNER AT ELEVATION 215.01 (NAVD88).
9. RIVERINE BOUNDARIES TAKEN FROM NATIONAL WETLANDS INVENTORY.

CLIENT
GULF POWER COMPANY

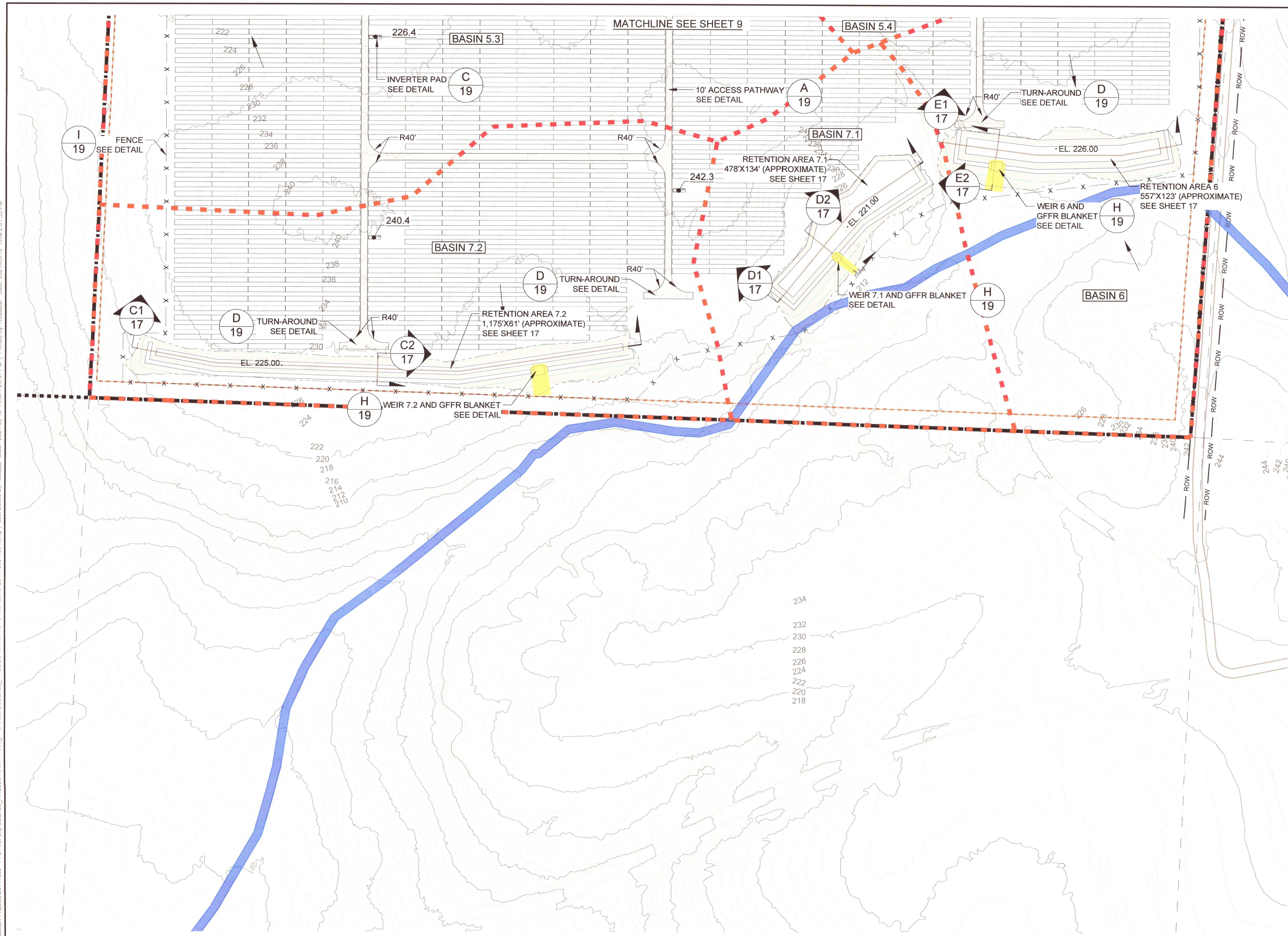
CONSULTANT
GOLDER MEMBER OF WSP

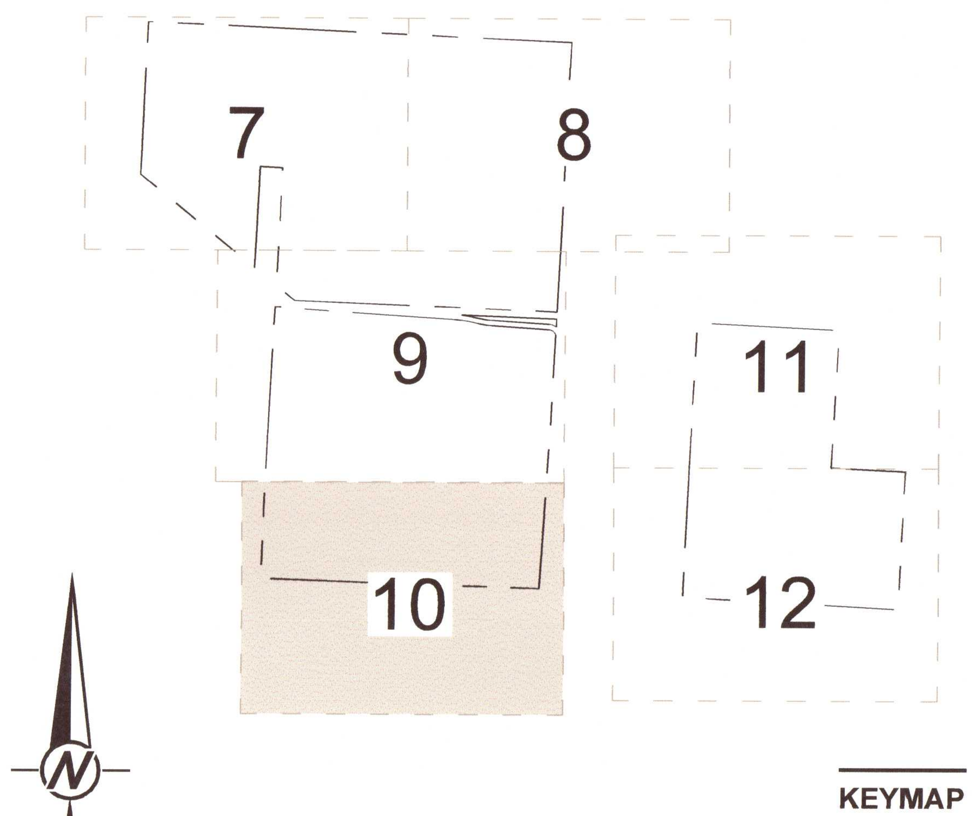
YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH

PROJECT
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

TITLE
GRADING PLAN (3 OF 6)

PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-007	D	9





0 125 250
SCALE FEET

LEGEND

- SITE BOUNDARY
- PROJECT AREA
- PROPOSED FENCE
- PARCEL BOUNDARY
- ZONING SETBACK
- RIGHT-OF-WAY
- GAS LINE EASEMENT
- EXISTING UNDERGROUND GAS LINE
- EXISTING CONTOURS
- PROPOSED CONTOURS
- BASIN BOUNDARY
- SHEET FLOW DIRECTION
- WETLAND BOUNDARY
- WETLAND BUFFER
- SOLAR PANELS
- INVERTER PAD
- ACCESS PATHWAY
- BASIN 2 BASIN IDENTIFICATION
- 250.1 FINISH GRADE
- RIVERINE

BLAKE T. HOLCOMB LICENSE No. 72381 5/17/2021 STATE OF FLORIDA PROFESSIONAL ENGINEER

NOTE(S)

1. INVERTER PADS SHALL BE A MINIMUM OF 12" ABOVE FINISH GRADE OR THE 100 YEAR FLOOD ELEVATION, WHICHEVER IS GREATER.
2. TOPOGRAPHIC CONTOUR DATA WITHIN PROJECT BOUNDARY TAKE FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 11/19/2018.
3. ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). NAVD88 = NGVD29 + 0.039 FT.
4. BOUNDARY SURVEY DATA TAKEN FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 09/23/2020.
5. WETLAND DATA TAKEN FROM GOLDER ASSOCIATES, INC. DATED 06/01/2020.
6. SITE BOUNDARY GENERATED BY GOLDER ASSOCIATES, INC. USING BOUNDARY SURVEY DATA.
7. FLOODPLAIN DATA FROM FEMA FIRM PANEL No. 12033C0065G, EFFECTIVE DATE: 09/28/2006.
8. RETENTION AREA BERMS AND SIDE SLOPES SHALL BE STABILIZED WITH SEEDING, FERTILIZER/MULCH, HYDROSEED AND/OR SOD.
7. BENCHMARK #1: SET 5/8" IRON ROAD IN NORTH RIGHT OF WAY OF HOLLAND ROAD AT ELEVATION 249.72 (NAVD88).
8. BENCHMARK #2: FOUND IRON ROD WITH CAP #7073 AT PROPERTY CORNER AT ELEVATION 215.01 (NAVD88).
9. RIVERINE BOUNDARIES TAKEN FROM NATIONAL WETLANDS INVENTORY.

CLIENT
GULF POWER COMPANY

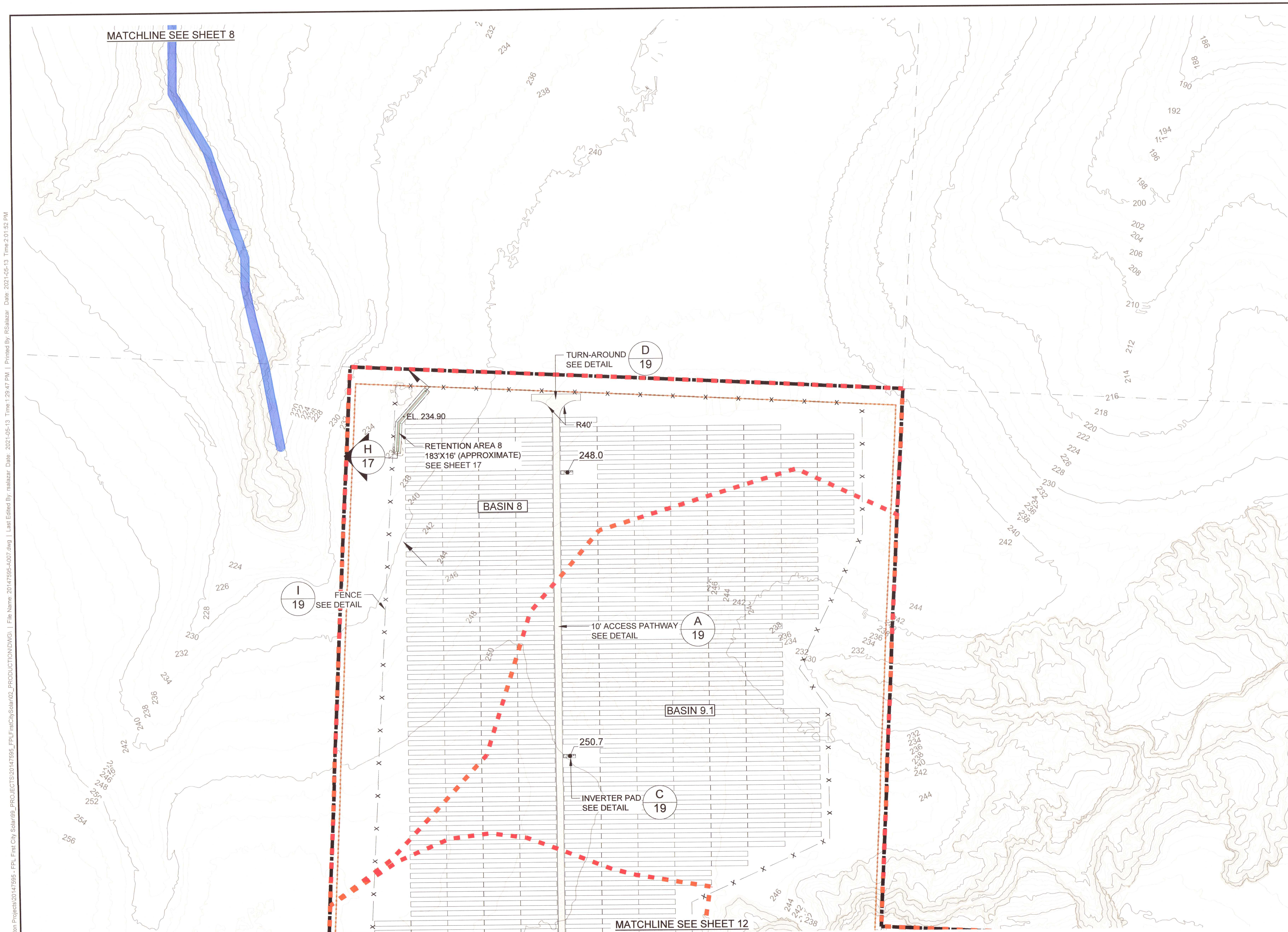
CONSULTANT
GOLDER MEMBER OF WSP

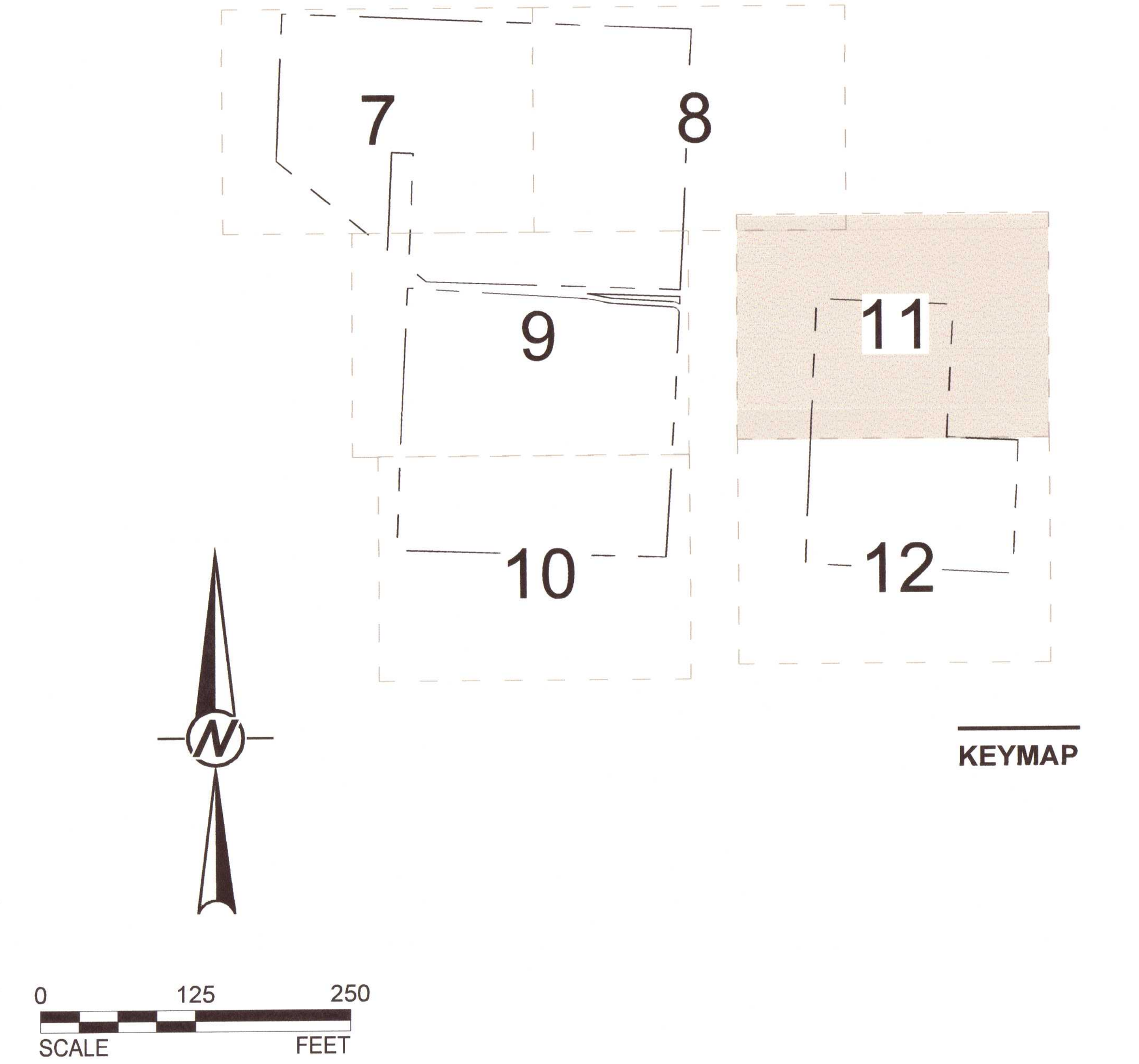
YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH

PROJECT
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

TITLE
GRADING PLAN (4 OF 6)

PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-007	D	10





LEGEND

SITE BOUNDARY		WETLAND BOUNDARY	
PROJECT AREA		WETLAND BUFFER	
PROPOSED FENCE		SOLAR PANELS	
PARCEL BOUNDARY		INVERTER PAD	
ZONING SETBACK		ACCESS PATHWAY	
ROW — ROW	RIGHT-OF-WAY	BASIN 2	BASIN IDENTIFICATION
GAS LINE EASEMENT		250.1	FINISH GRADE
GAS	EXISTING UNDERGROUND GAS LINE		RIVERINE
240	EXISTING CONTOURS		
240	PROPOSED CONTOURS		
BASIN BOUNDARY			
SHEET FLOW DIRECTION			

NOTE(S)

1. INVERTER PADS SHALL BE A MINIMUM OF 12" ABOVE FINISH GRADE OR THE 100 YEAR FLOOD ELEVATION, WHICHEVER IS GREATER.
2. TOPOGRAPHIC CONTOUR DATA WITHIN PROJECT BOUNDARY TAKE FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 11/19/2018.
3. ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). NAVD88 = NGVD29 + 0.039 FT.
4. BOUNDARY SURVEY DATA TAKEN FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 09/23/2020.
5. WETLAND DATA TAKEN FROM GOLDER ASSOCIATES, INC. DATED 06/01/2020.
6. SITE BOUNDARY GENERATED BY GOLDER ASSOCIATES, INC. USING BOUNDARY SURVEY DATA.
7. FLOODPLAIN DATA FROM FEMA FIRM PANEL No. 12033C0065G, EFFECTIVE DATE: 09/28/2006.
8. RETENTION AREA BERMS AND SIDE SLOPES SHALL BE STABILIZED WITH SEEDING, FERTILIZER/MULCH, HYDROSEED AND/OR SOD.
7. BENCHMARK #1: SET 5/8" IRON ROAD IN NORTH RIGHT OF WAY OF HOLLAND ROAD AT ELEVATION 249.72 (NAVD88).
8. BENCHMARK #2: FOUND IRON ROD WITH CAP #7073 AT PROPERTY CORNER AT ELEVATION 215.01 (NAVD88).
9. RIVERINE BOUNDARIES TAKEN FROM NATIONAL WETLANDS INVENTORY.

BLAKE T. HOLCOMB LICENSE No. 72381 STATE OF FLORIDA PROFESSIONAL ENGINEER 5/17/2021

CLIENT
GULF POWER COMPANY

CONSULTANT
GOLDER MEMBER OF WSP

YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH

PROJECT
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

TITLE
GRADING PLAN (5 OF 6)

PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-007	D	11

BLAKE T. HOLCOMB LICENSE No. 72381 STATE OF FLORIDA PROFESSIONAL ENGINEER 5/17/2021

NOTE(S)

1. INVERTER PADS SHALL BE A MINIMUM OF 12" ABOVE FINISH GRADE OR THE 100 YEAR FLOOD ELEVATION, WHICHEVER IS GREATER.
2. TOPOGRAPHIC CONTOUR DATA WITHIN PROJECT BOUNDARY TAKE FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 11/19/2018.
3. ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). NAVD88 = NGVD29 + 0.039 FT.
4. BOUNDARY SURVEY DATA TAKEN FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 09/23/2020.
5. WETLAND DATA TAKEN FROM GOLDER ASSOCIATES, INC. DATED 06/01/2020.
6. SITE BOUNDARY GENERATED BY GOLDER ASSOCIATES, INC. USING BOUNDARY SURVEY DATA.
7. FLOODPLAIN DATA FROM FEMA FIRM PANEL No. 12033C0065G, EFFECTIVE DATE: 09/28/2006.
8. RETENTION AREA BERMS AND SIDE SLOPES SHALL BE STABILIZED WITH SEEDING, FERTILIZER/MULCH, HYDROSEED AND/OR SOD.
7. BENCHMARK #1: SET 5/8" IRON ROAD IN NORTH RIGHT OF WAY OF HOLLAND ROAD AT ELEVATION 249.72 (NAVD88).
8. BENCHMARK #2: FOUND IRON ROD WITH CAP #7073 AT PROPERTY CORNER AT ELEVATION 215.01 (NAVD88).
9. RIVERINE BOUNDARIES TAKEN FROM NATIONAL WETLANDS INVENTORY.

CALL before you dig.
811 or 1-800-432-4770
or visit
www.callsunshine.com
811

CLIENT
GULF POWER COMPANY

CONSULTANT
GOLDER
MEMBER OF WSP

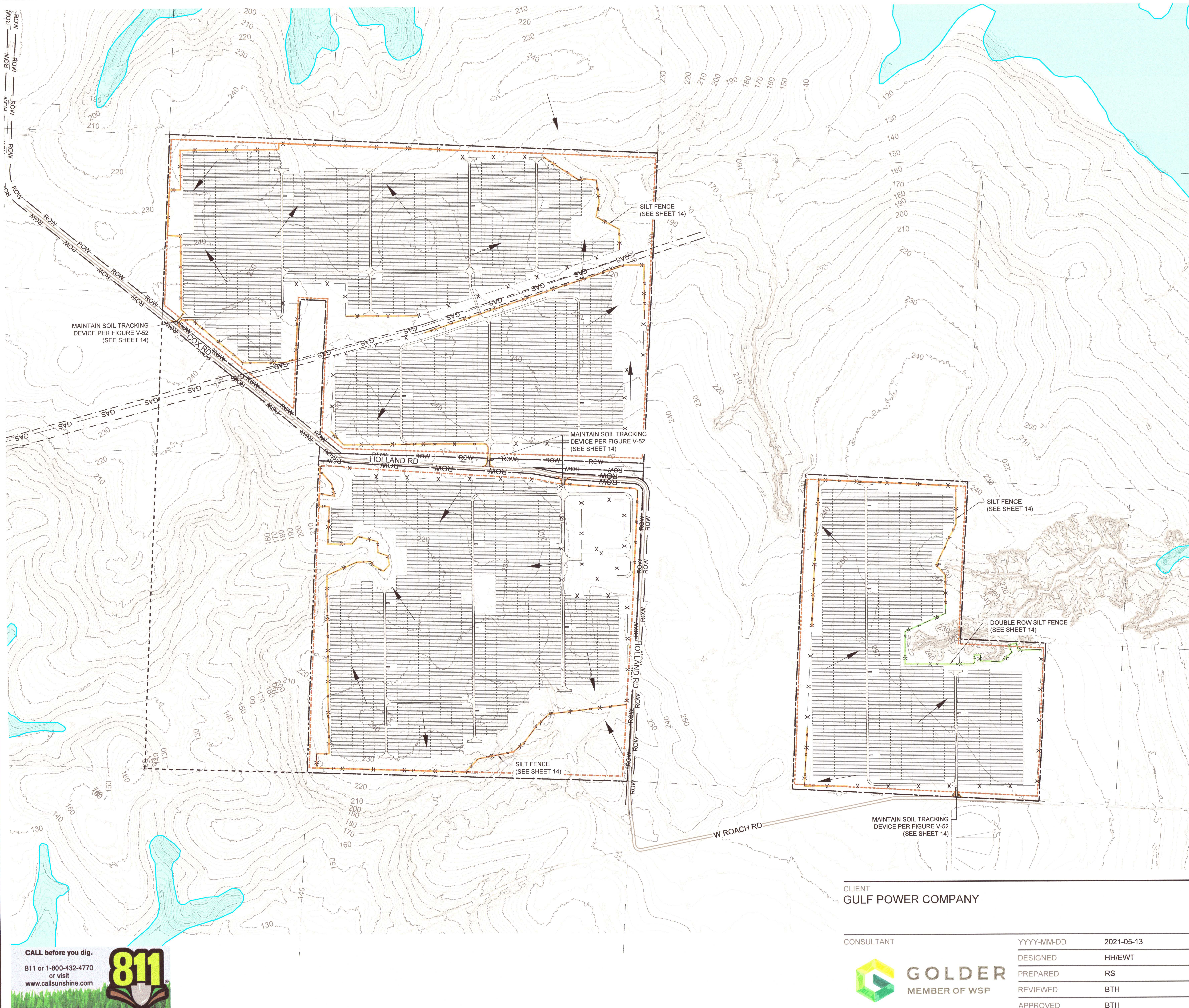
YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH

PROJECT
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

TITLE
GRADING PLAN (6 OF 6)

PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-007	D	12

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B
0 1 in



LEGEND

	SITE BOUNDARY		FLOODPLAIN - ZONE A
	PROJECT AREA		WETLAND BOUNDARY
	PROPOSED FENCE		WETLAND BUFFER
	PARCEL BOUNDARY		SOLAR PANELS
ROW — ROW	RIGHT-OF-WAY		INVERTER PAD
	GAS LINE EASEMENT		ACCESS PATHWAY
GAS	EXISTING UNDERGROUND GAS LINE		
240	EXISTING CONTOURS		
	SHEET FLOW DIRECTION		
	SOIL TRACKING PREVENTION DEVICE		
SF	SILT FENCE		
SF	DOUBLE ROW SILT FENCE		

BLAKE T. HOLCOMB
LICENSE
No. 72381
STATE OF FLORIDA
PROFESSIONAL ENGINEER

NOTE(S)

1. TOPOGRAPHIC CONTOUR DATA WITHIN PROJECT BOUNDARY TAKE FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 11/19/2018.
2. ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). NAVD88 = NGVD29 + 0.039 FT.
3. BOUNDARY SURVEY DATA TAKEN FROM PITTMAN, GLAZED AND ASSOCIATES, INC. LAND SURVEYORS DATED 09/23/2020.
4. WETLAND DATA TAKEN FROM GOLDER ASSOCIATES, INC. DATED 06/01/2020.
5. SITE BOUNDARY GENERATED BY GOLDER ASSOCIATES, INC. USING BOUNDARY SURVEY DATA.
6. 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 DISTURBED 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, 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 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 WHEN NECESSARY.

CALL before you dig.
811 or 1-800-432-4770 or visit www.callsunshine.com
811

CLIENT
GULF POWER COMPANY

PROJECT
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

CONSULTANT
GOLDER
MEMBER OF WSP

YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH

TITLE
EROSION CONTROL PLAN

PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-008	D	13

STATE OF FLORIDA EROSION & SEDIMENT CONTROL - DESIGNER & REVIEWER MANUAL

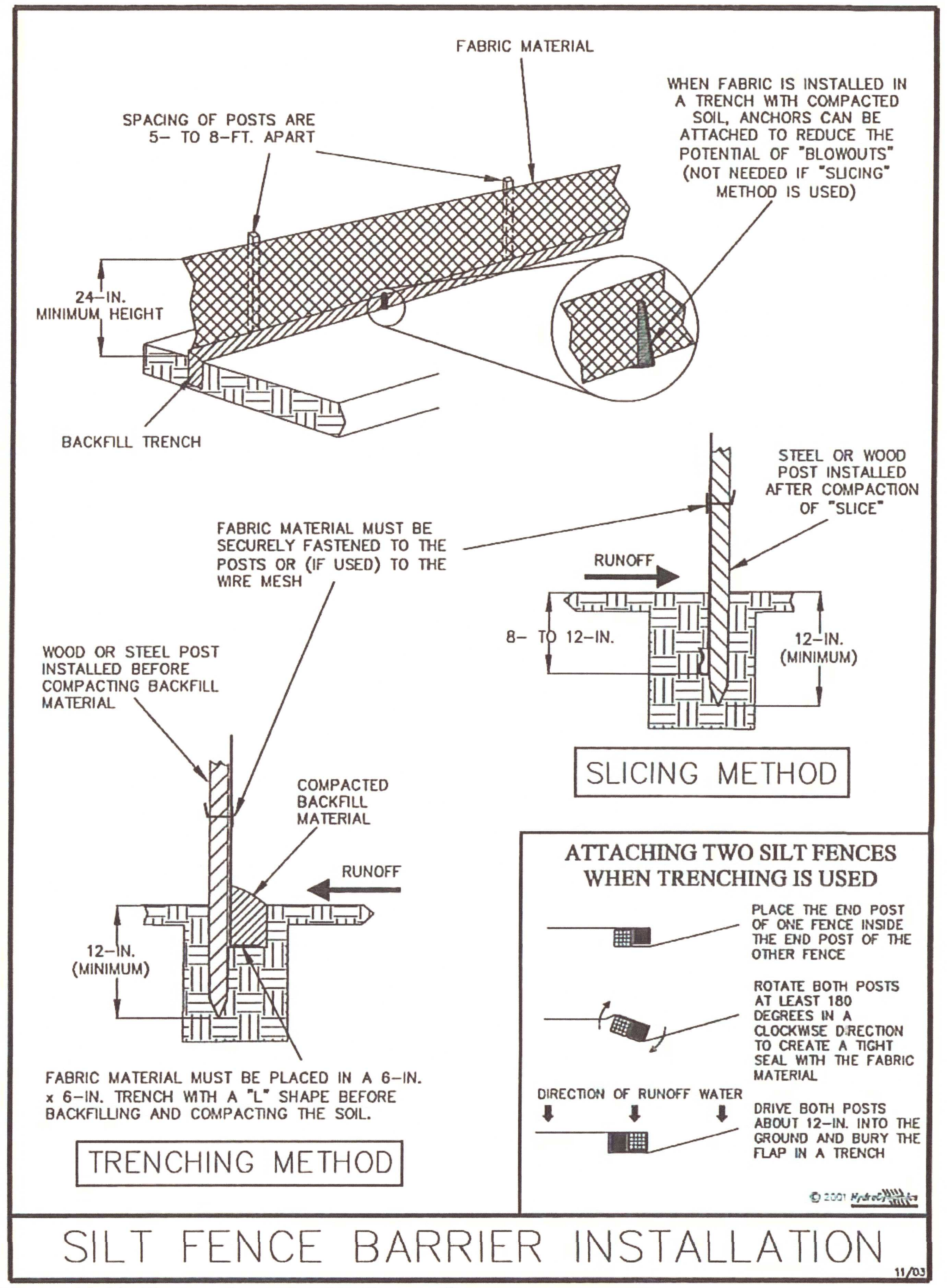


Figure V-40: Illustration of a Silt Fence Barrier

STATE OF FLORIDA EROSION & SEDIMENT CONTROL - DESIGNER & REVIEWER MANUAL

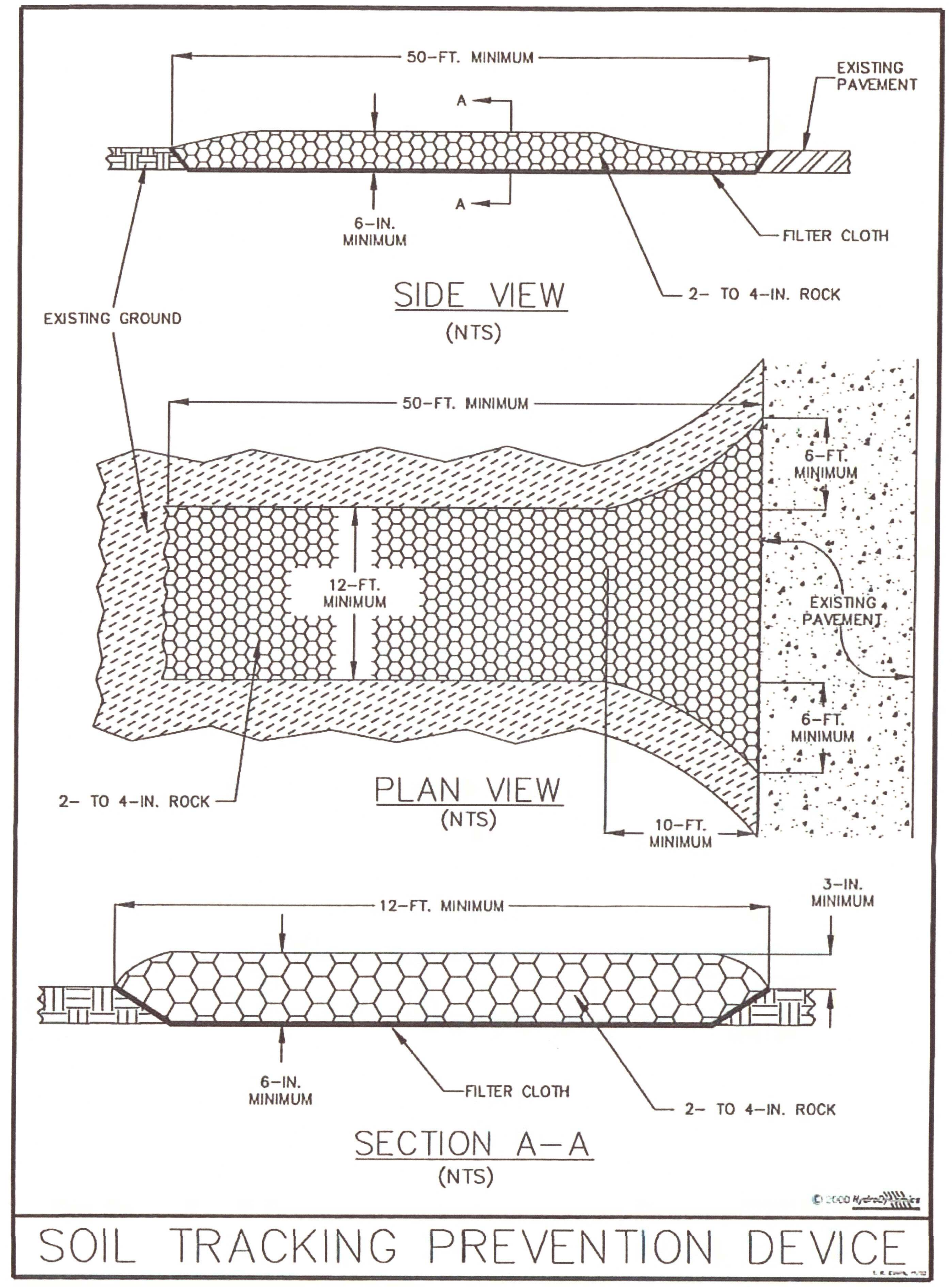
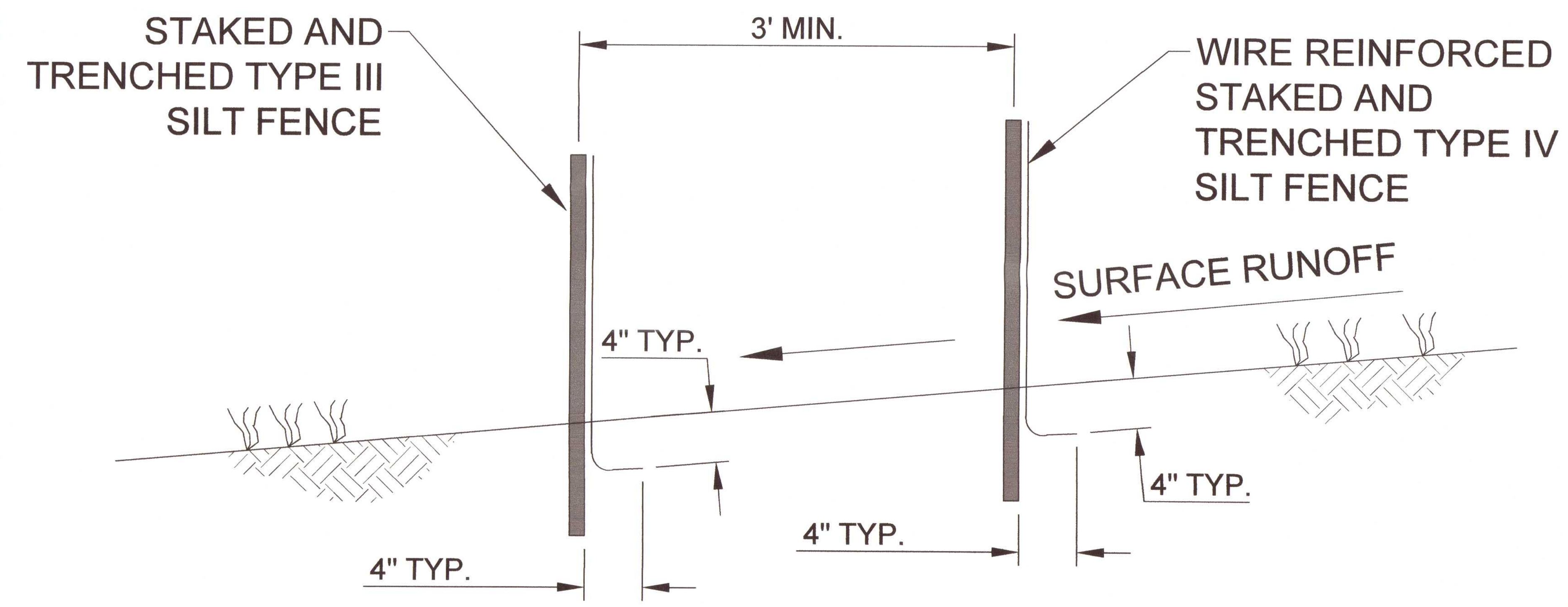
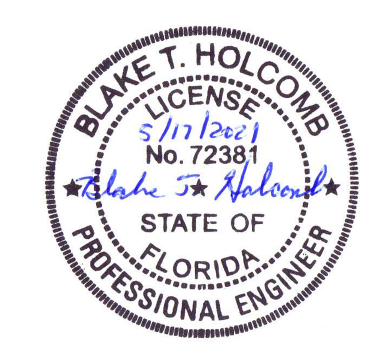


Figure V-52: Illustration of a Soil Tracking Prevention Device

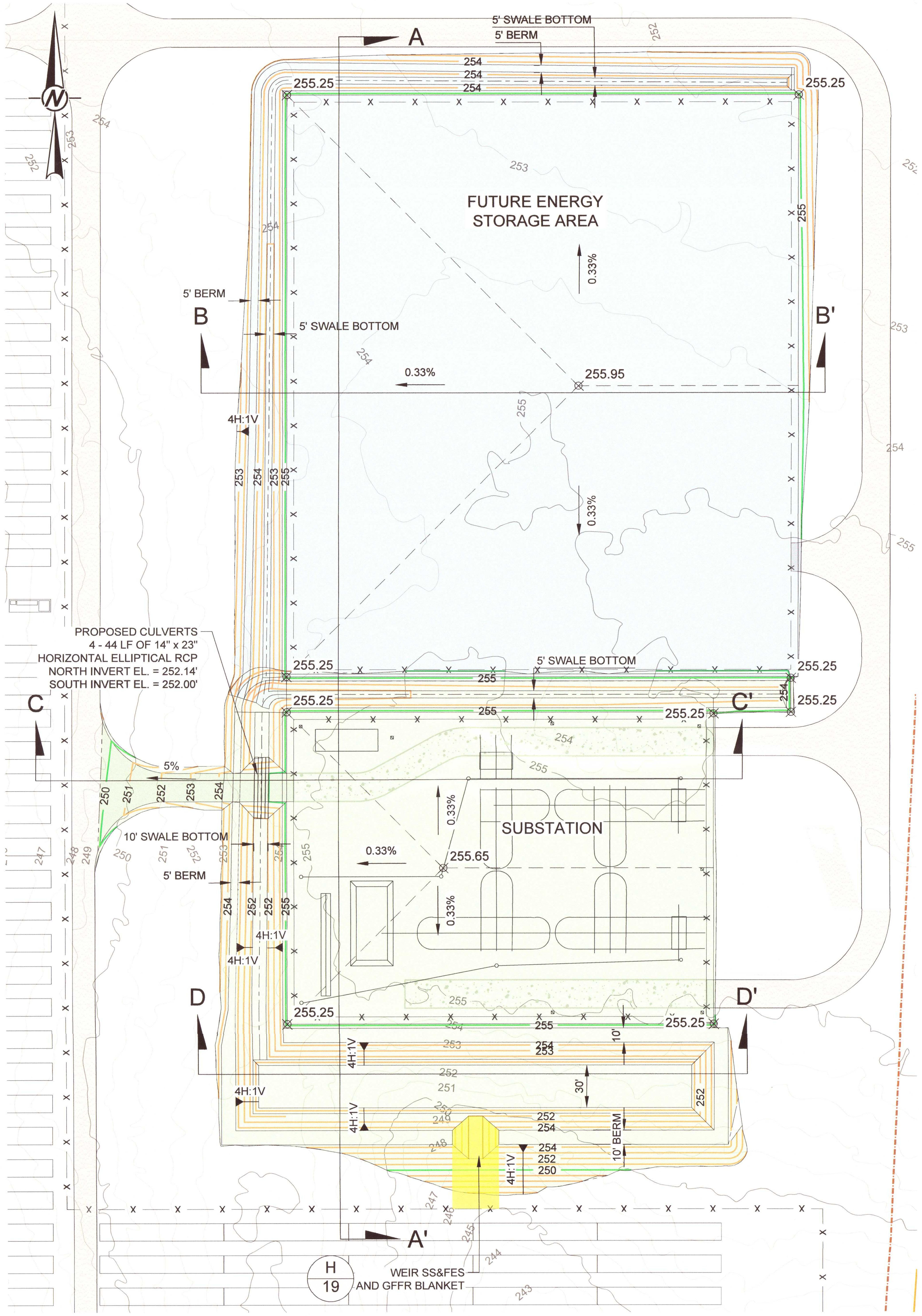


DOUBLE ROW STAKED SILT FENCE

NTS

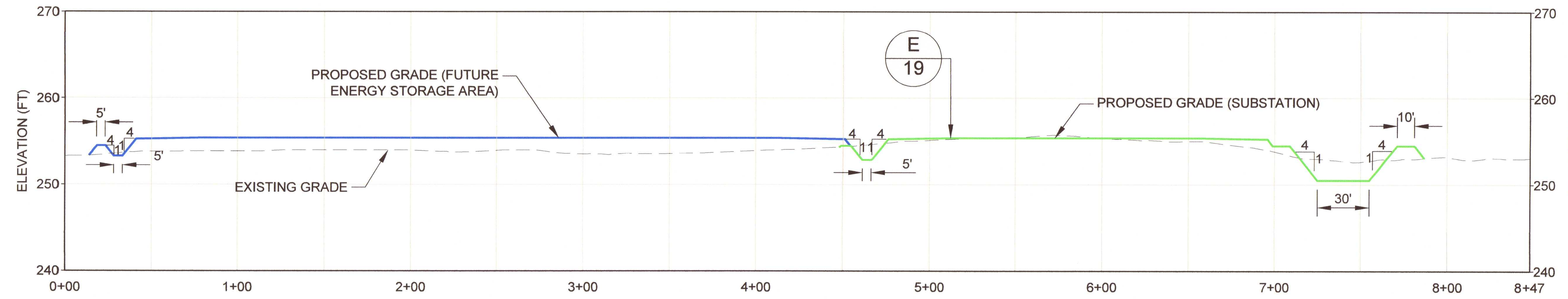


CLIENT GULF POWER COMPANY			PROJECT FIRST CITY SOLAR ENERGY CENTER ESCAMBIA COUNTY, FLORIDA
CONSULTANT GOLDER MEMBER OF WSP	YYYY-MM-DD	2021-05-13	TITLE EROSION CONTROL DETAILS
	DESIGNED	HH/EWT	
	PREPARED	RS	
	REVIEWED	BTH	
	APPROVED	BTH	PROJECT NO. 20147595 · CONTROL NO. 20147595-009 · REV. D · SHEET 14



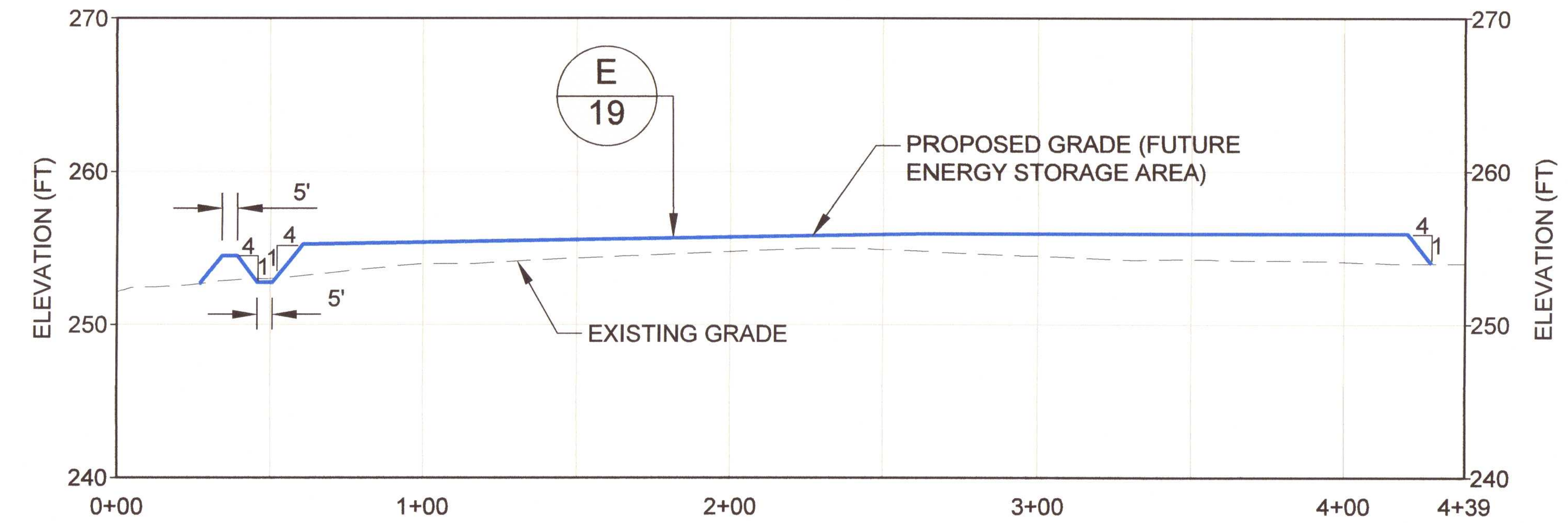
SUBSTATION AND LAYDOWN/FUTURE ENERGY STORAGE AREA

0 50 100
1" = 100' FEET



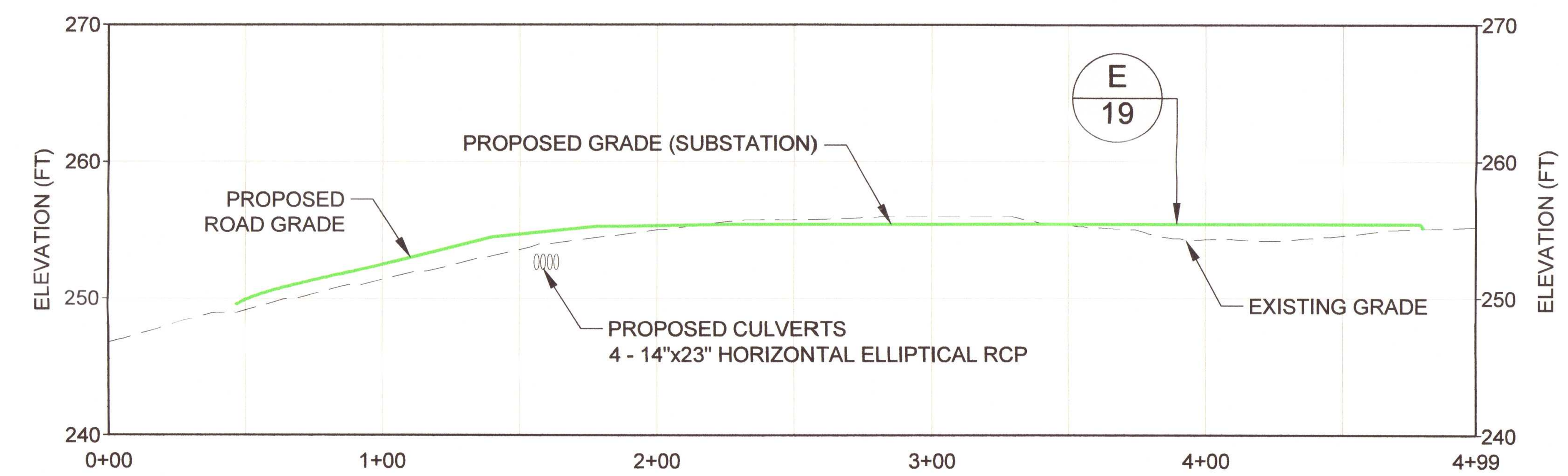
A
15
CROSS SECTION A-A'

0 50 100 HORIZONTAL SCALE FEET
0 10 20 VERTICAL SCALE FEET



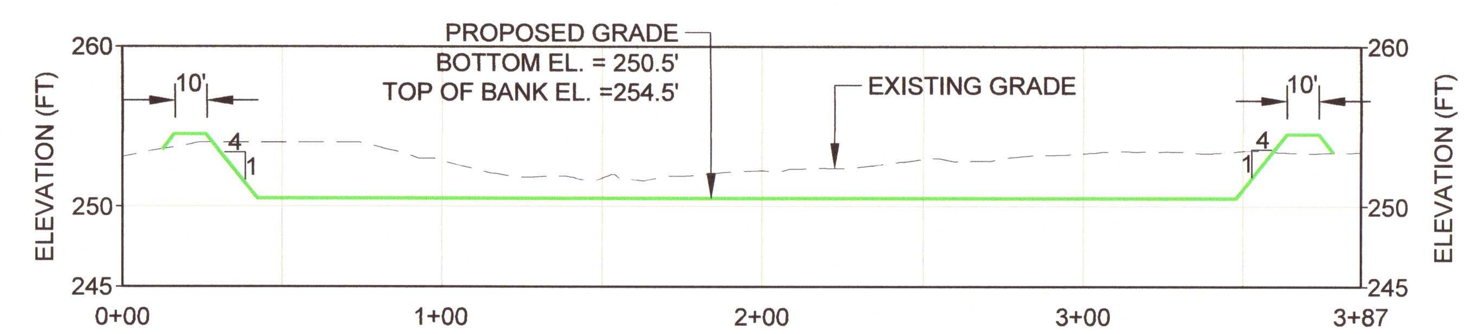
B
15
CROSS SECTION B-B'

0 50 100 HORIZONTAL SCALE FEET
0 10 20 VERTICAL SCALE FEET



C
15
CROSS SECTION C-C'

0 50 100 HORIZONTAL SCALE FEET
0 10 20 VERTICAL SCALE FEET



D
15
CROSS SECTION D-D'

0 50 100 HORIZONTAL SCALE FEET
0 10 20 VERTICAL SCALE FEET

BLAKE T. HOLCOMB
LICENSE
No. 72381
STATE OF FLORIDA
PROFESSIONAL ENGINEER
5/17/2021

NOTE(S)
1. SHWT ESTIMATED TO BE 200 FEET NAVD88.
2. RETENTION AREA SIDE SLOPES SHALL BE STABILIZED WITH SOD.

CLIENT
GULF POWER COMPANY

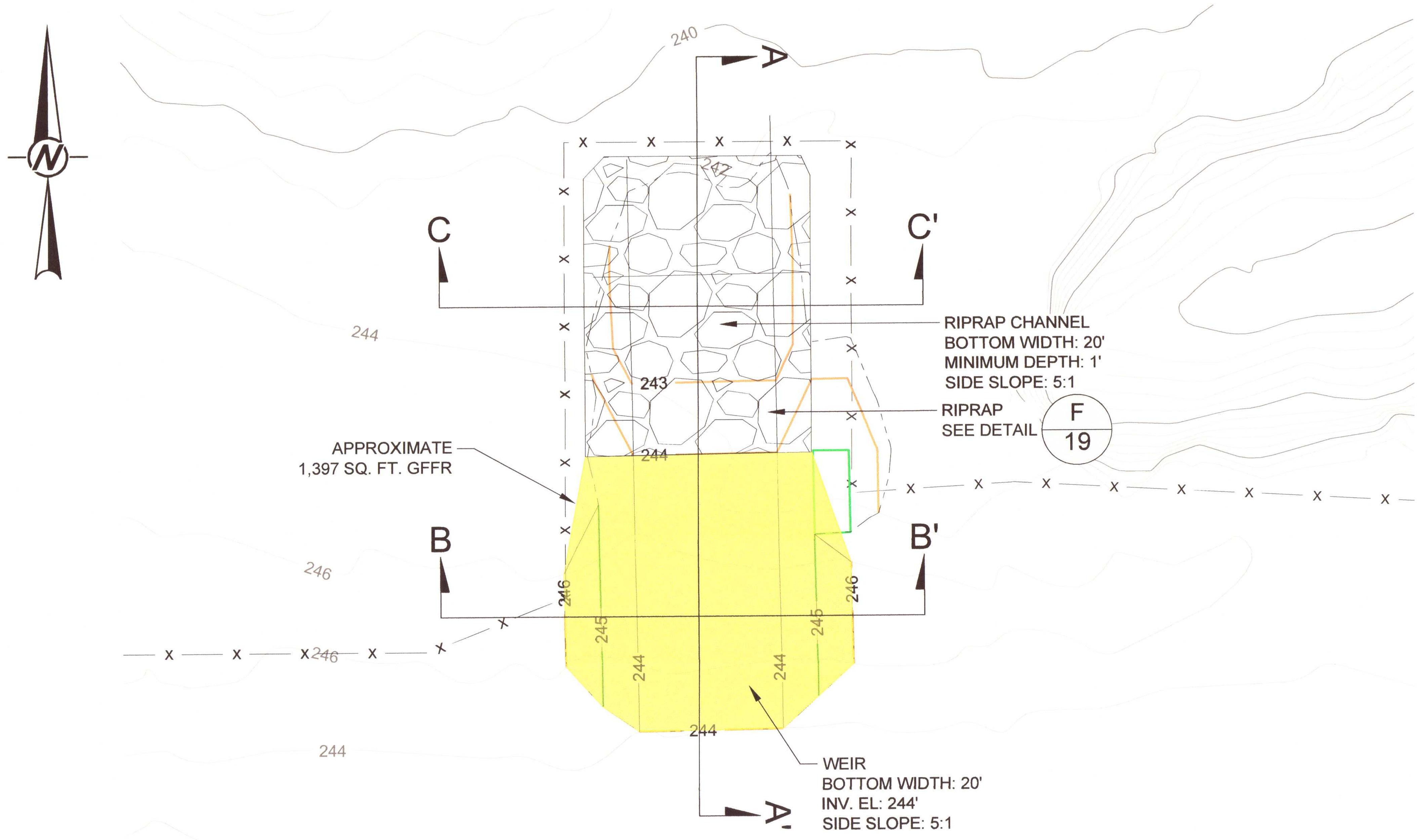
PROJECT
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

CONSULTANT
GOLDER
MEMBER OF WSP

YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH

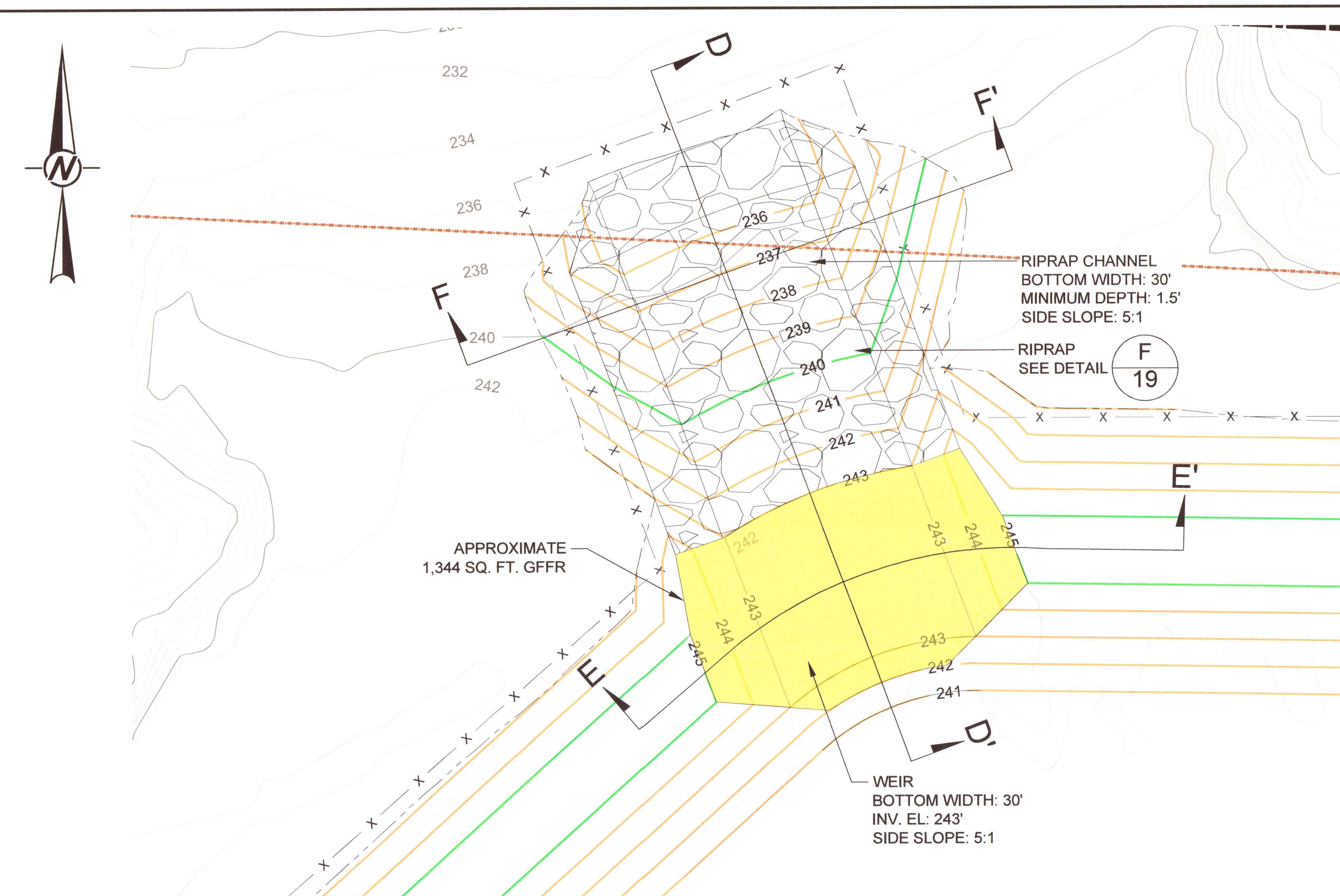
TITLE
SUBSTATION AND LAYDOWN/FUTURE ENERGY STORAGE AREA
DETAILS AND SECTIONS

PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-010	D	15



SPILLWAY 9.2b

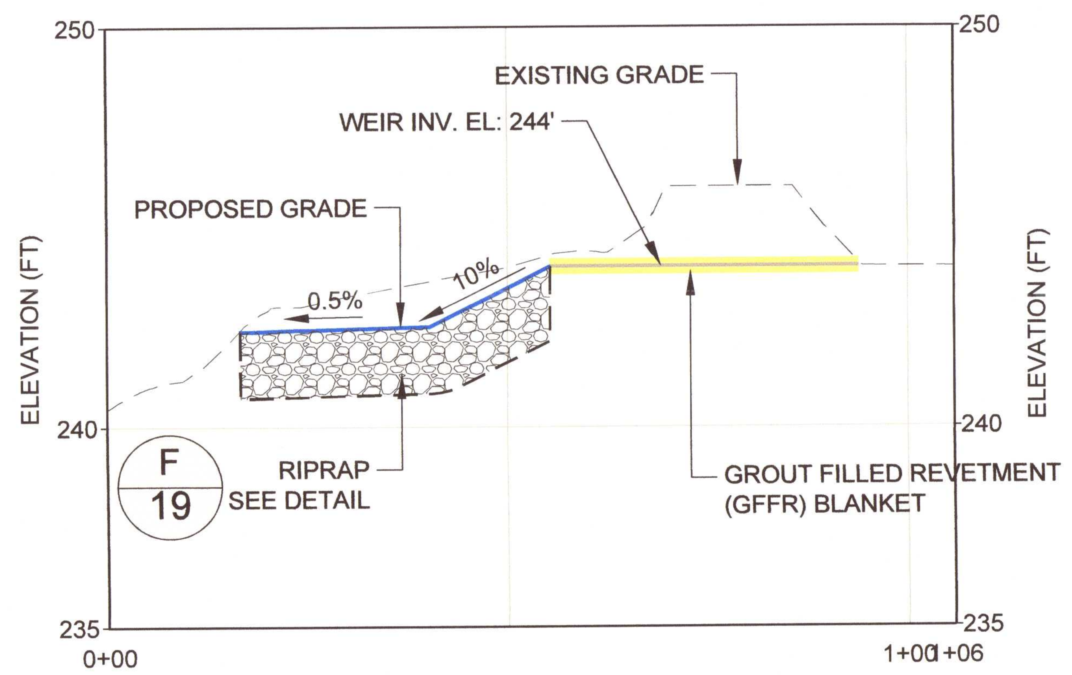
0 15 30
1" = 30' FEET



SPILLWAY 9.2a

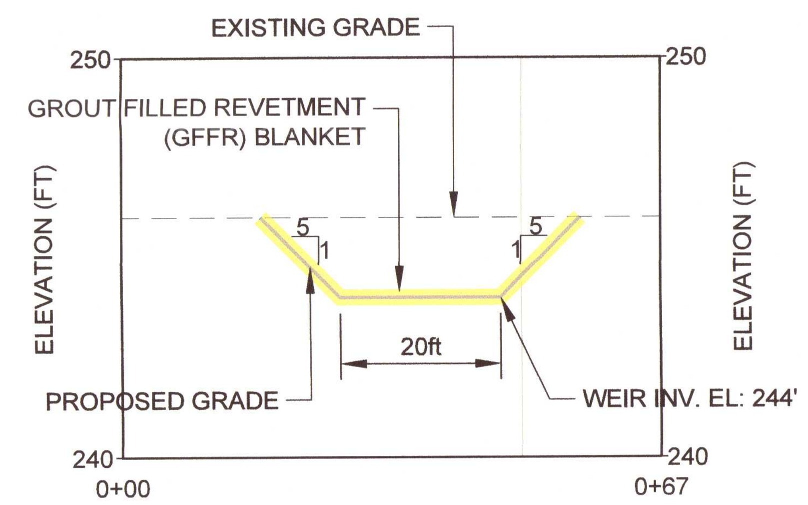
0 15 30
1" = 30' FEET

BLAKE T. HOLCOMB
LICENSE
5/17/2021
No. 72381
STATE OF
FLORIDA
PROFESSIONAL ENGINEER



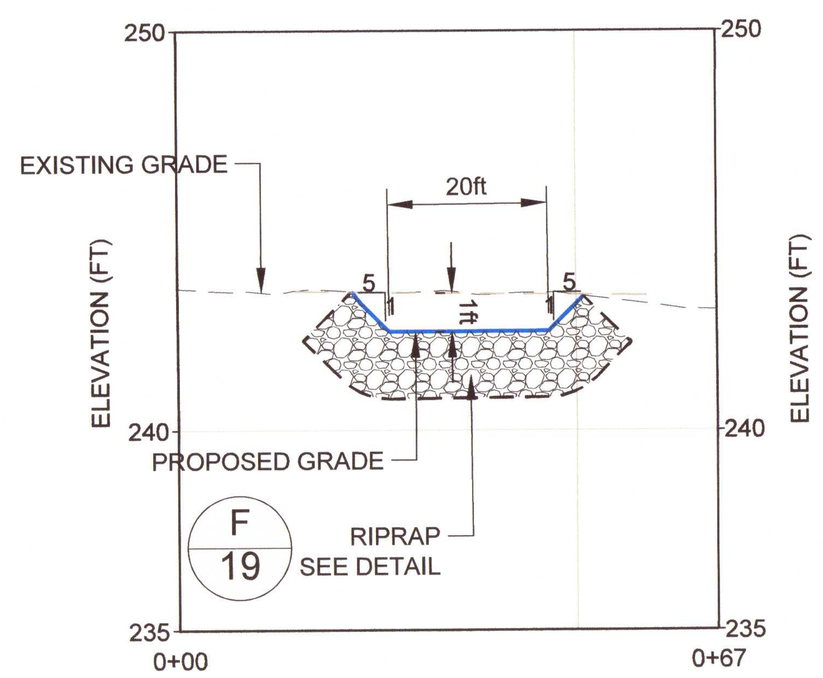
A 18 CROSS SECTION A-A'

0 20 40 HORIZONTAL SCALE FEET
0 4 8 VERTICAL SCALE FEET



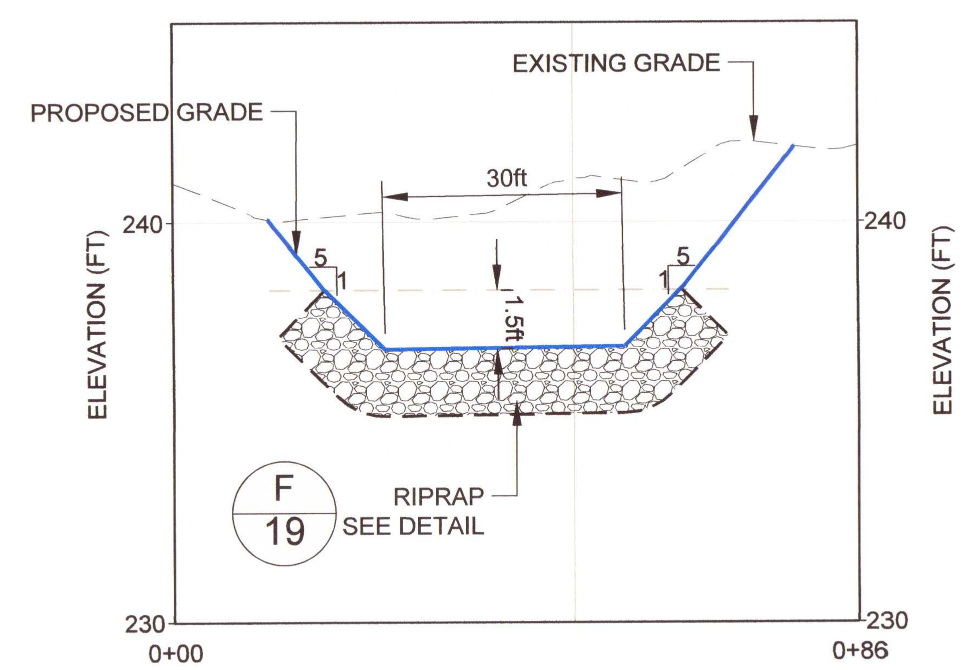
B 18 CROSS SECTION B-B'

0 20 40 HORIZONTAL SCALE FEET
0 4 8 VERTICAL SCALE FEET



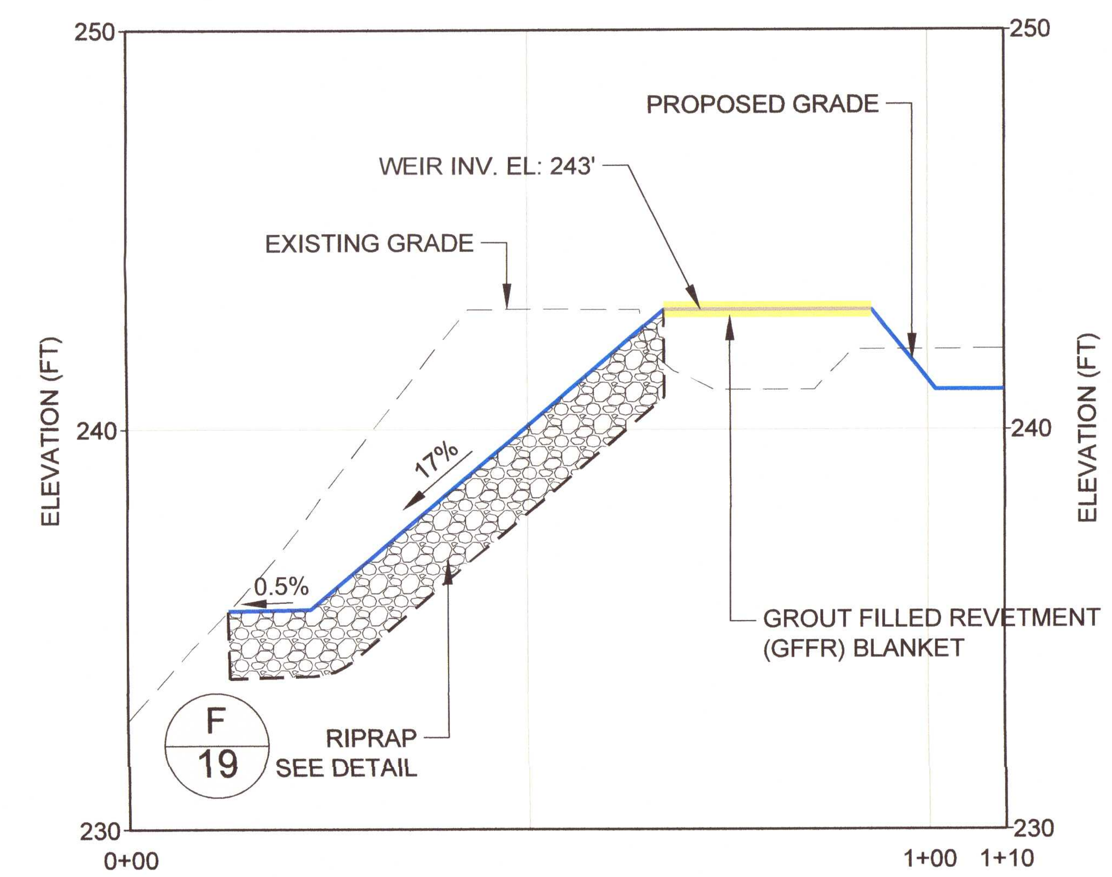
C 18 CROSS SECTION C-C'

0 20 40 HORIZONTAL SCALE FEET
0 4 8 VERTICAL SCALE FEET



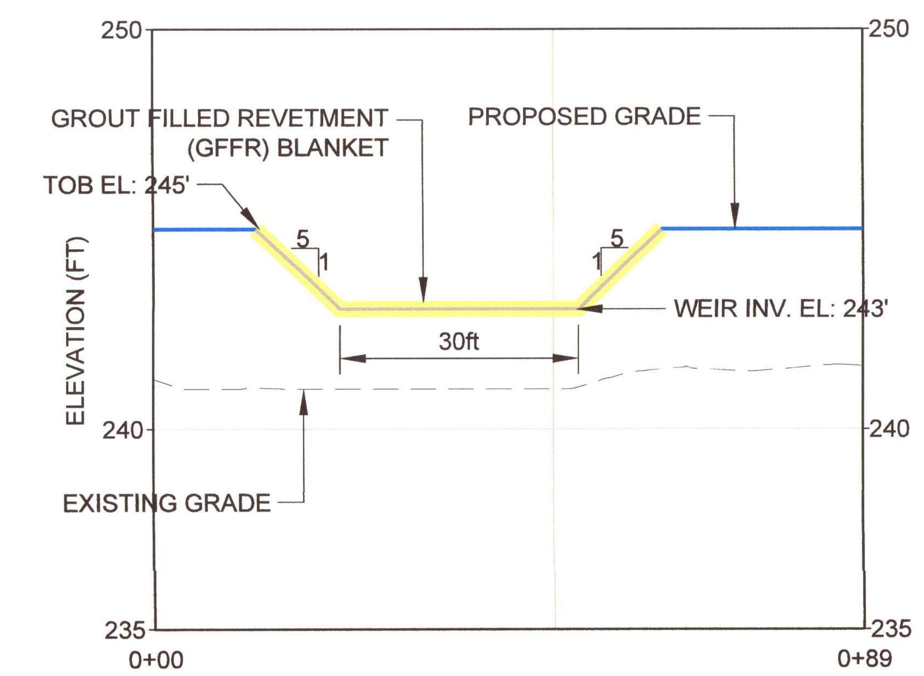
F 18 CROSS SECTION F-F'

0 20 40 HORIZONTAL SCALE FEET
0 4 8 VERTICAL SCALE FEET



D 18 CROSS SECTION D-D'

0 20 40 HORIZONTAL SCALE FEET
0 4 8 VERTICAL SCALE FEET



E 18 CROSS SECTION E-E'

0 20 40 HORIZONTAL SCALE FEET
0 4 8 VERTICAL SCALE FEET

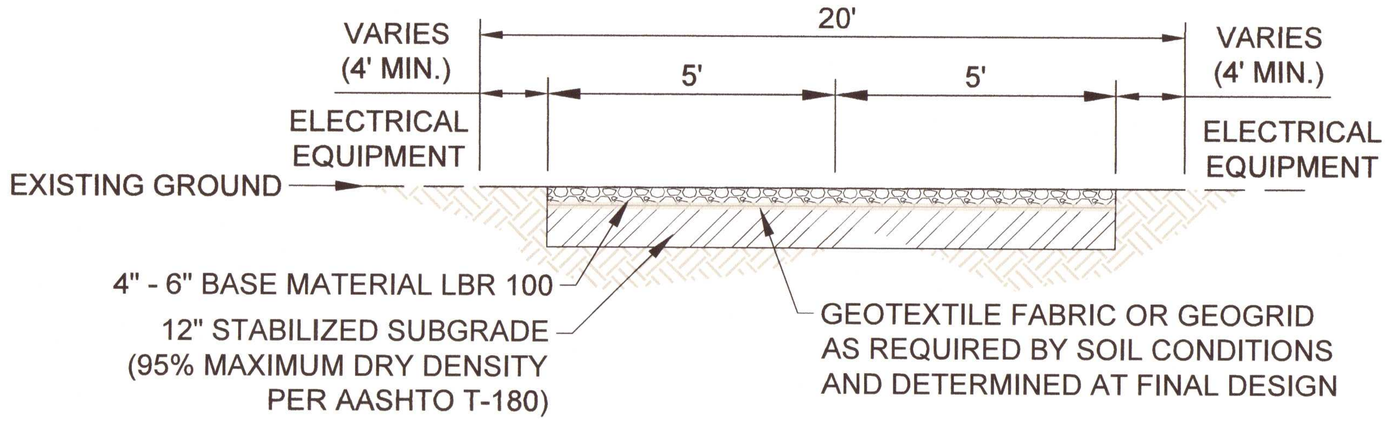
NOTE(S)

1. SHWT ESTIMATED TO BE 200 FEET NAVD88.
2. RETENTION AREA SIDE SLOPES SHALL BE STABILIZED WITH SOD.

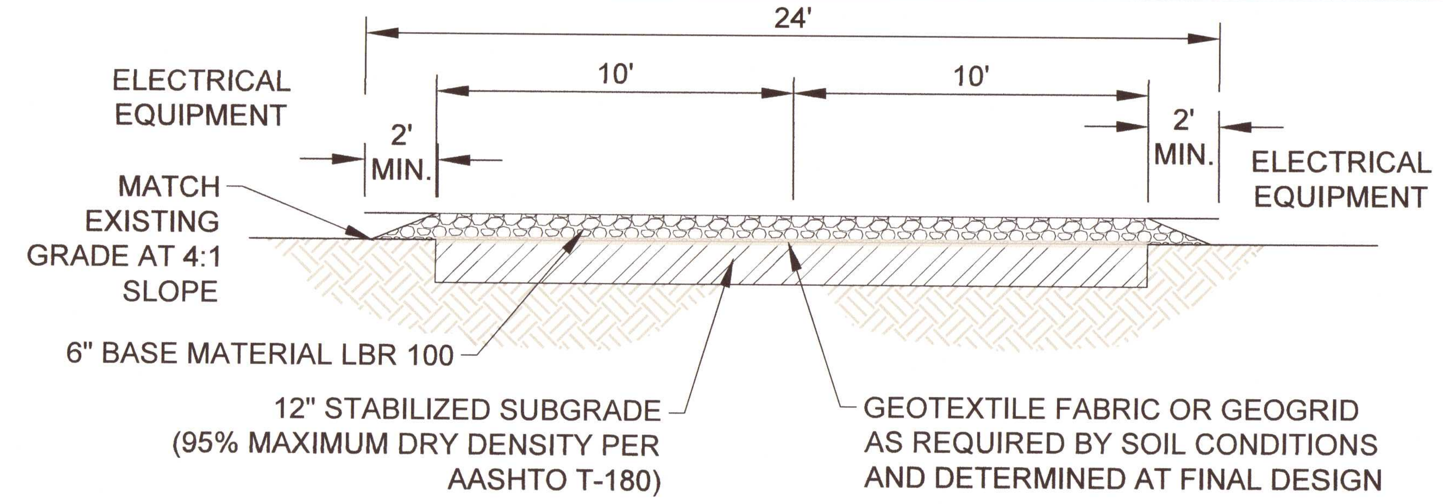
CLIENT	GULF POWER COMPANY
PROJECT	FIRST CITY SOLAR ENERGY CENTER ESCAMBIA COUNTY, FLORIDA
CONSULTANT	GOLDER MEMBER OF WSP
YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH
TITLE	SPILLWAY DETAILS AND SECTIONS

PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-013	D	18

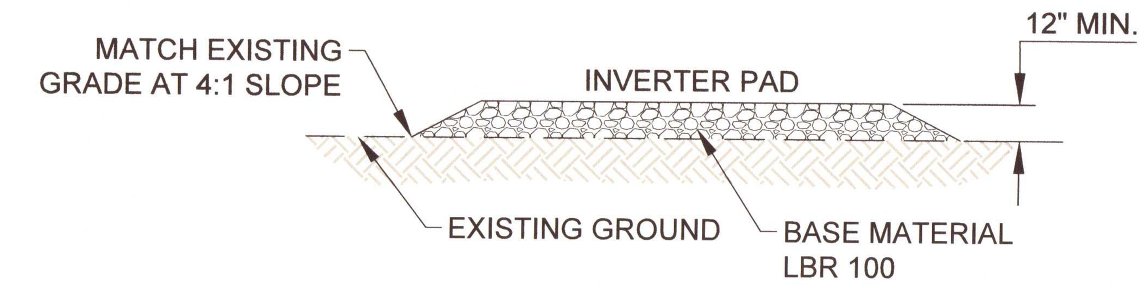
IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



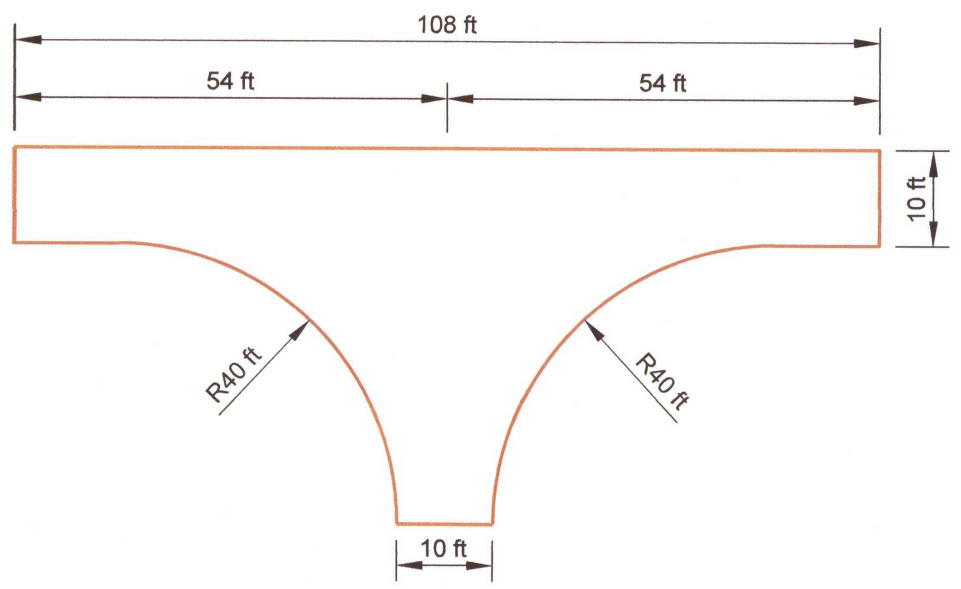
A / 19 **10' WIDE ACCESS PATHWAY**
NTS



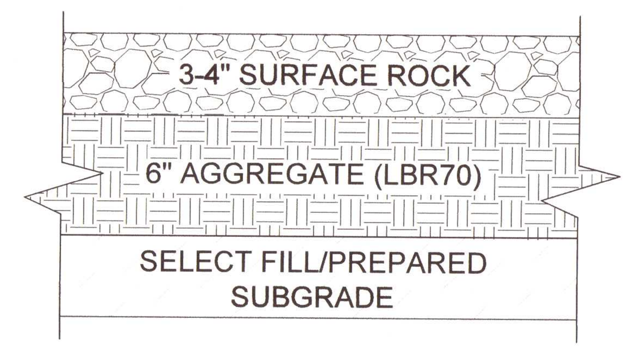
B / 19 **20' WIDE ACCESS PATHWAY**
NTS



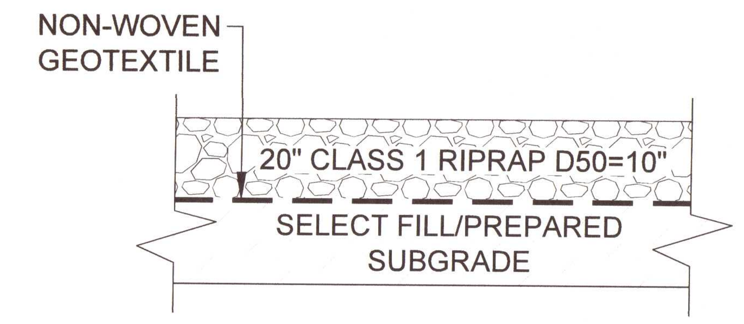
C / 19 **INVERTER PAD**
NTS



D / 19 **T-TURN (TYP.)**
NTS



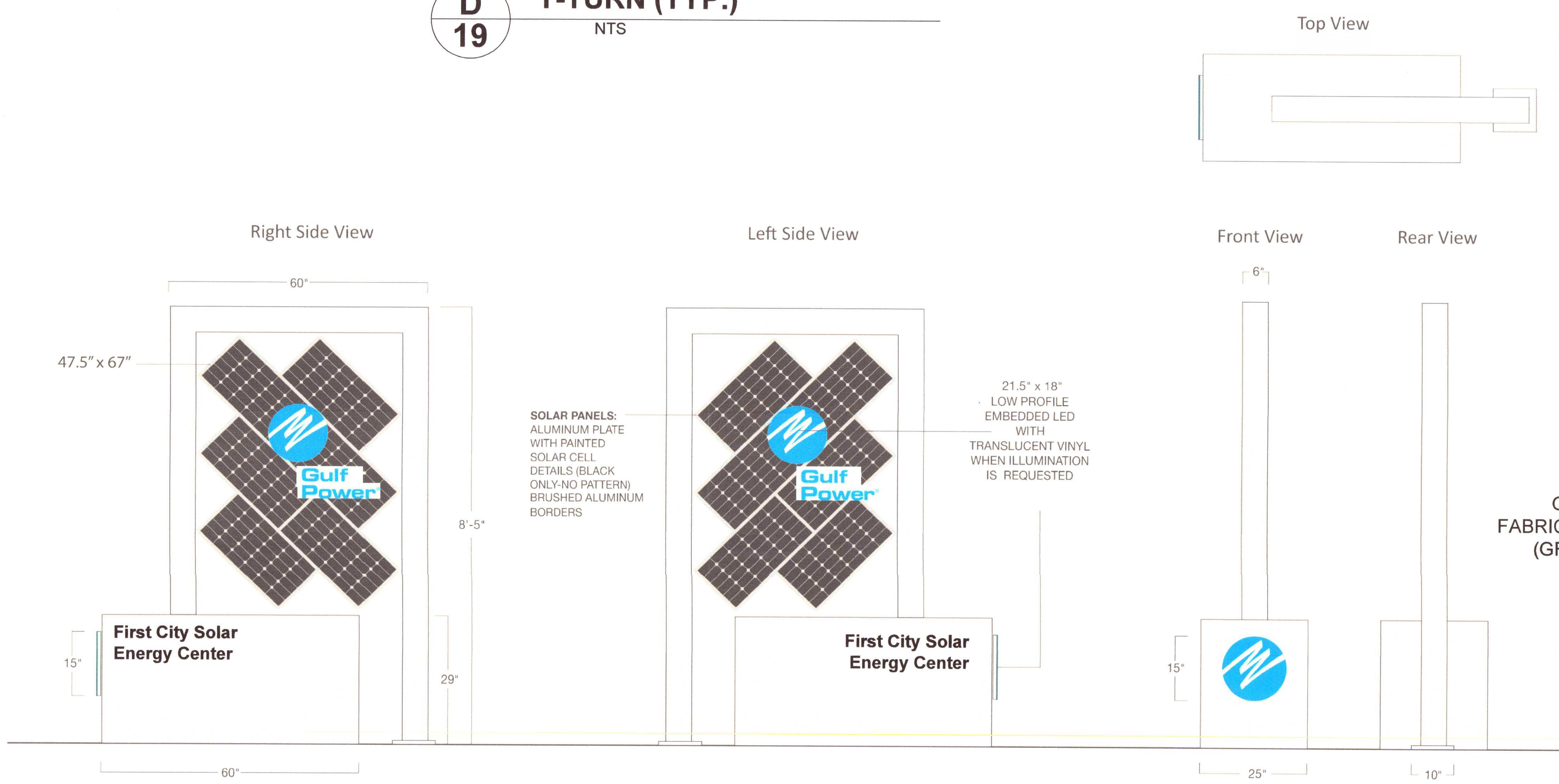
E / 19 **SUBSTATION AND LAYDOWN/FUTURE ENERGY STORAGE AREA SECTION**
NTS



NOTE:
1. MINIMUM STONE WEIGHT SHALL BE 50 POUNDS.

F / 19 **RIPRAP SECTION**
NTS

BLAKE T. HOLCOMB
LICENSE
5/17/2021
No. 72381
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

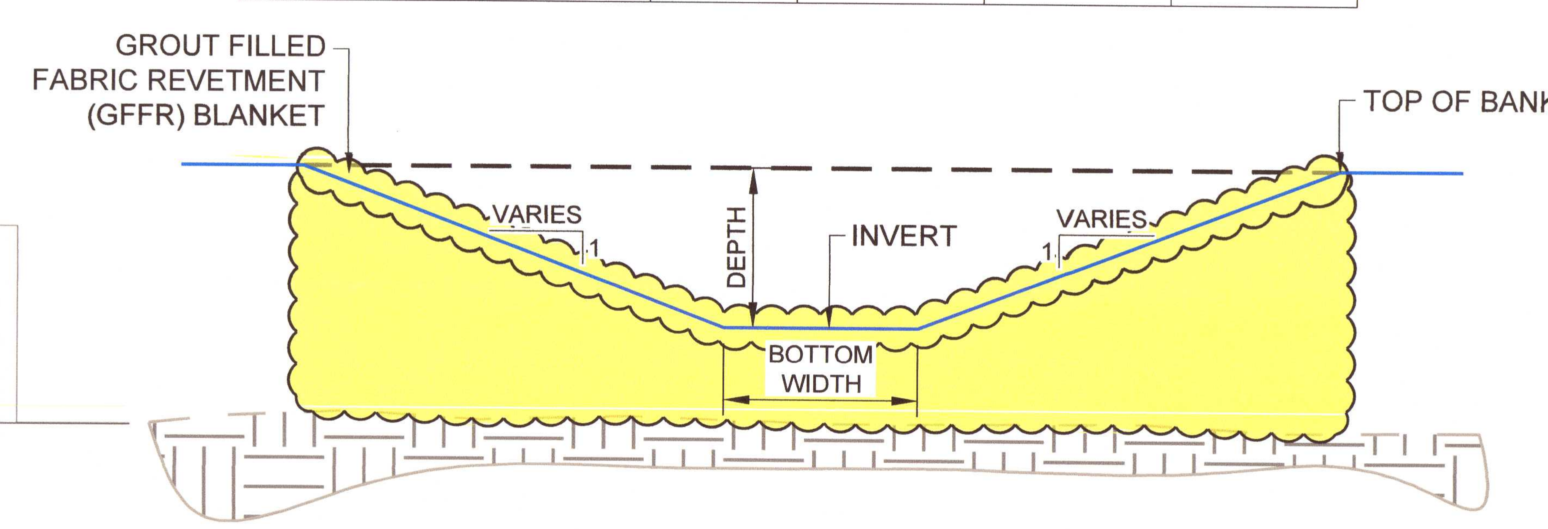


Fabricated 60" x 25" x 29" aluminum cabinet with applied 3/16" cut metal letters.
6" x 6" x 8'-5" aluminum tube frame support with welded cross-members for mounting of faux painted solar panel pattern on 1/4" Alumicor panel.
18" FPL logo applied to surface of metal solar panels.
Sign mounts in ground with concrete footer and j-bolts.

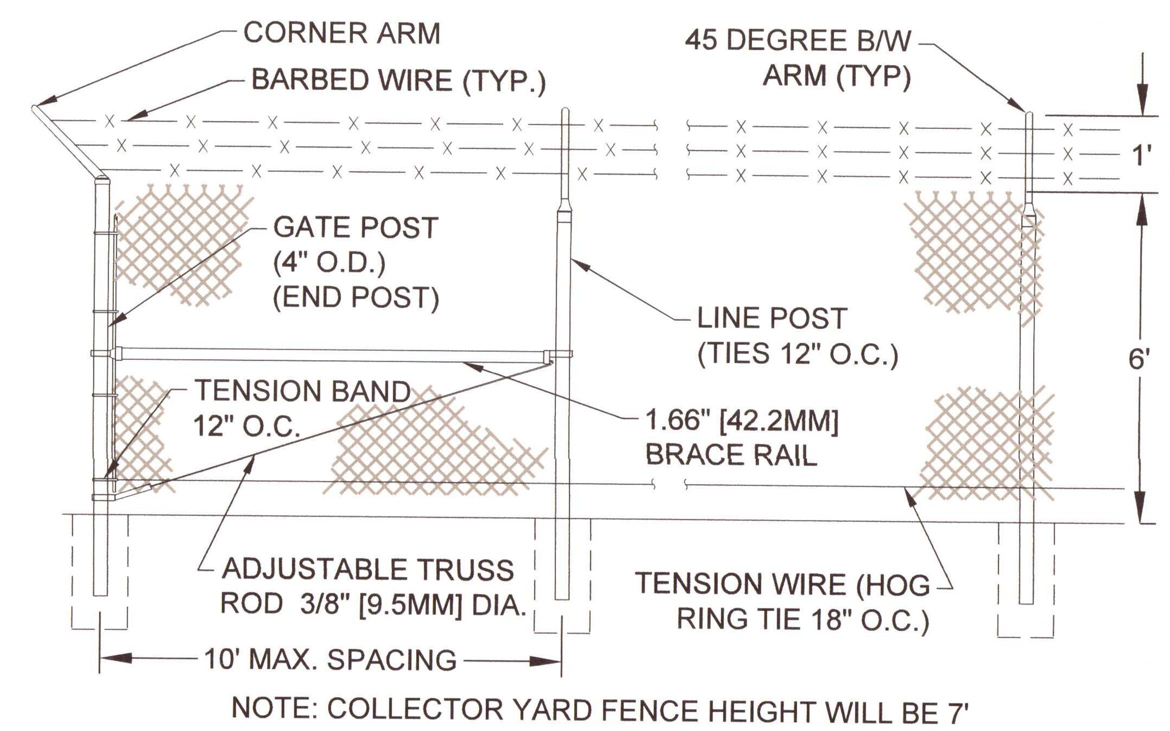
Available options:
- LED illumination
- Solar panel powered uplighting
- 2 sided sign

G / 19 **SITE SIGN DETAIL**
NTS

WEIR SUMMARY TABLE						
WEIR ID	DEPTH (ft)	BOTTOM WIDTH (ft)	SIDE SLOPE	INVERT ELEVATION	TOP OF BANK ELEVATION	100-YEAR 24-HOUR VELOCITY
1	1.5'	20'	5:1	235.5'	237'	2.18
2	0.5'	15'	5:1	220'	220.5'	0
3.2	2'	15'	5:1	208'	210'	2.96
4	0.5'	20'	5:1	215'	215.5'	0
5.1	2'	20'	5:1	244.5'	246.5'	2.64
5.2	2'	25'	5:1	208'	210'	3.1
5.3a	2'	15'	5:1	209.5'	211.5'	3.06
5.3b	2'	15	5:1	209.5'	211.5'	3.06
SS&FES	2.5'	10'	5:1	252'	254.5'	2.85
6	1.5'	25'	5:1	228.5'	230'	2.72
7.1	1.25'	10'	5:1	222.75"	224'	2.6
7.2	1.5'	25'	5:1	226.5'	228'	2.58



H / 19 **WEIR AND GFFR BLANKET DETAIL (TYP.)**
NTS



NOTE: COLLECTOR YARD FENCE HEIGHT WILL BE 7'

I / 19 **SECURITY FENCE DETAIL**
NTS

CLIENT
GULF POWER COMPANY

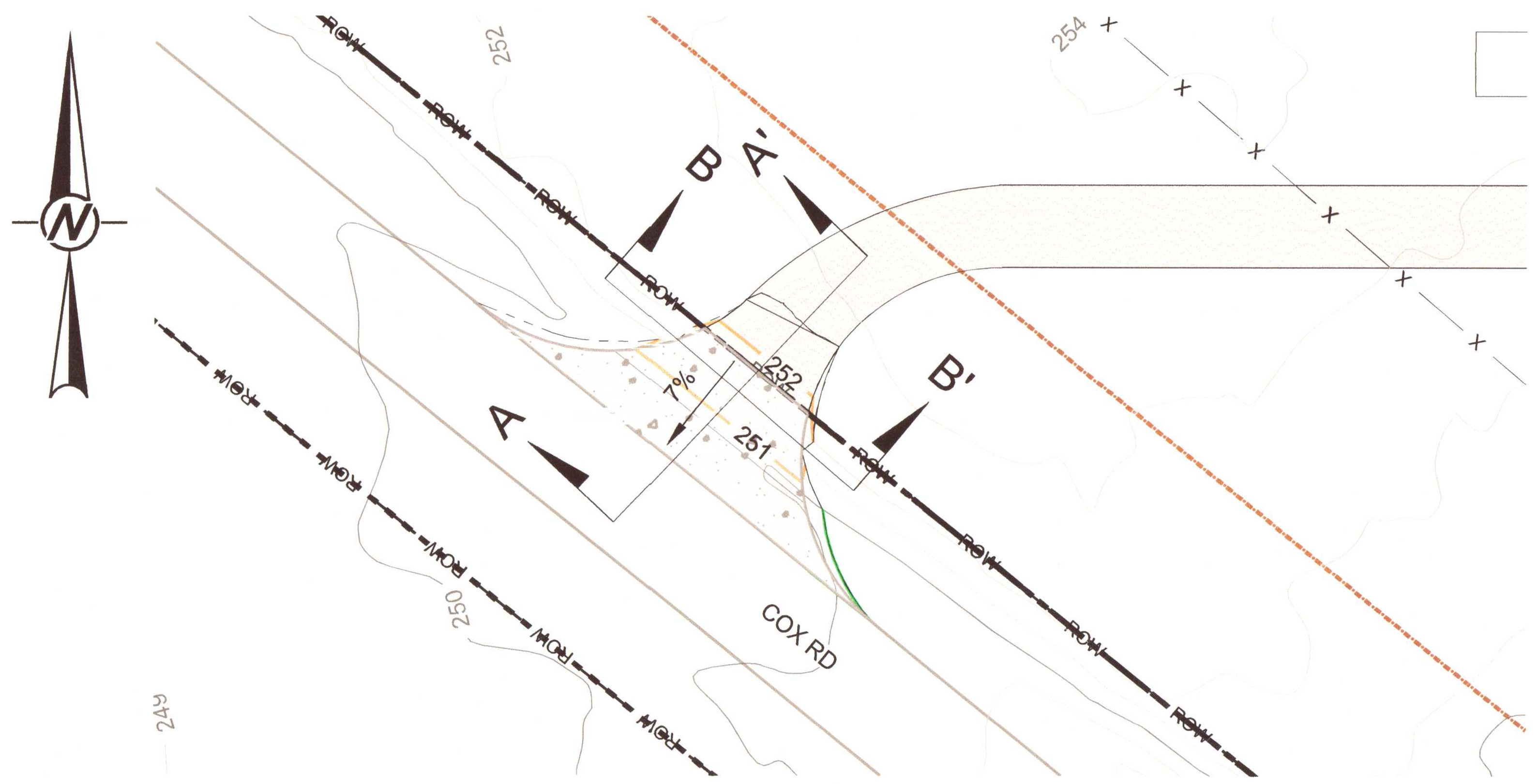
CONSULTANT
GOLDER
MEMBER OF WSP

YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH

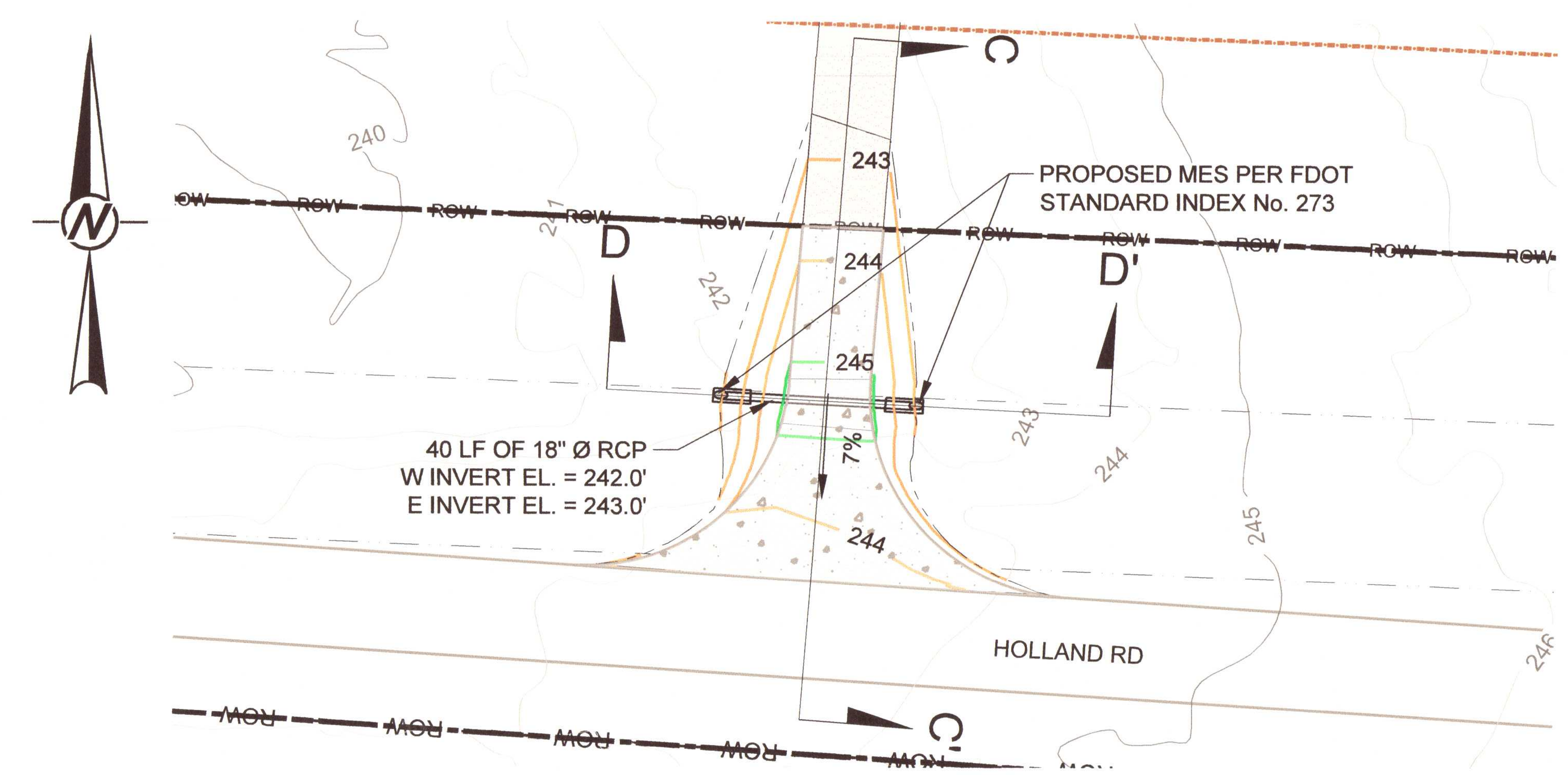
PROJECT
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

TITLE
DETAILS AND TYPICAL SECTIONS

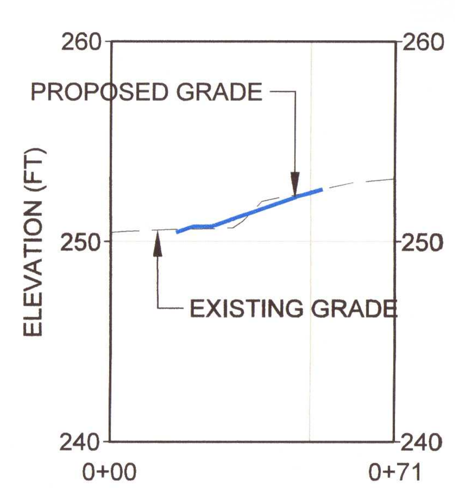
PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-012	D	19



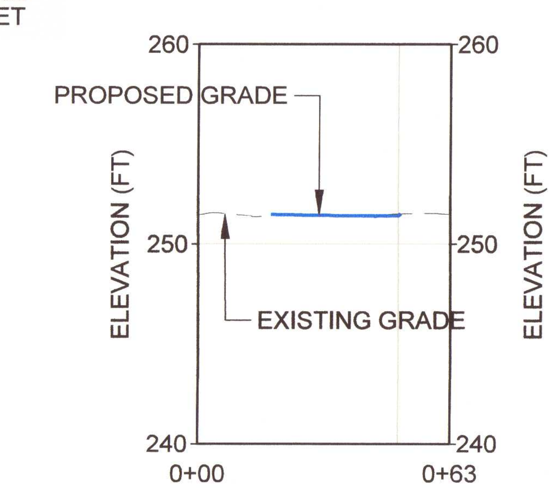
SITE ENTRANCE 1
SEE NOTE 1
0 30 60
1" = 60' FEET



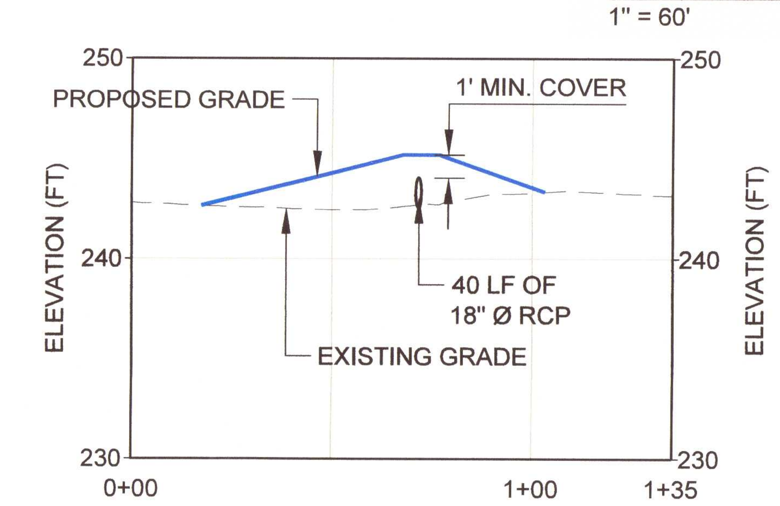
SITE ENTRANCE 2
SEE NOTE 1
0 30 60
1" = 60' FEET



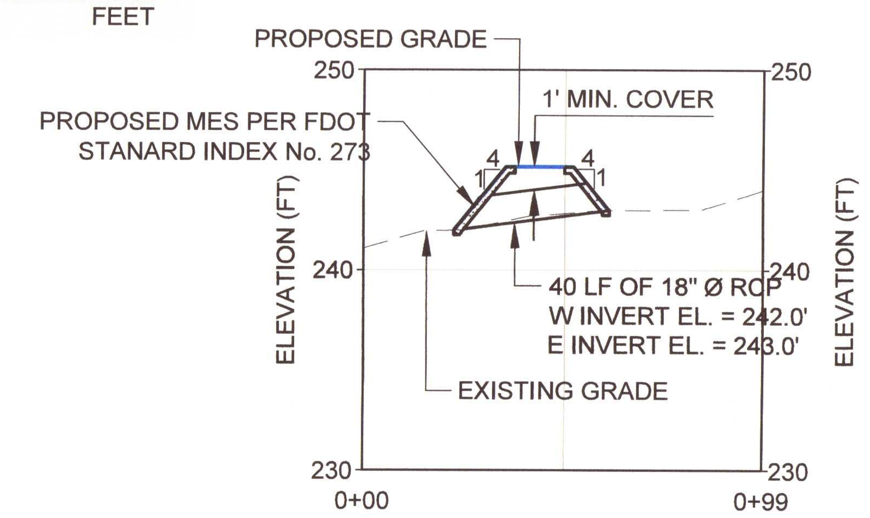
A 20 CROSS SECTION A-A'
0 40 80 HORIZONTAL SCALE FEET
0 8 16 VERTICAL SCALE FEET



B 20 CROSS SECTION B-B'
0 40 80 HORIZONTAL SCALE FEET
0 8 16 VERTICAL SCALE FEET



C 20 CROSS SECTION C-C'
0 40 80 HORIZONTAL SCALE FEET
0 8 16 VERTICAL SCALE FEET



D 20 CROSS SECTION D-D'
0 40 80 HORIZONTAL SCALE FEET
0 8 16 VERTICAL SCALE FEET

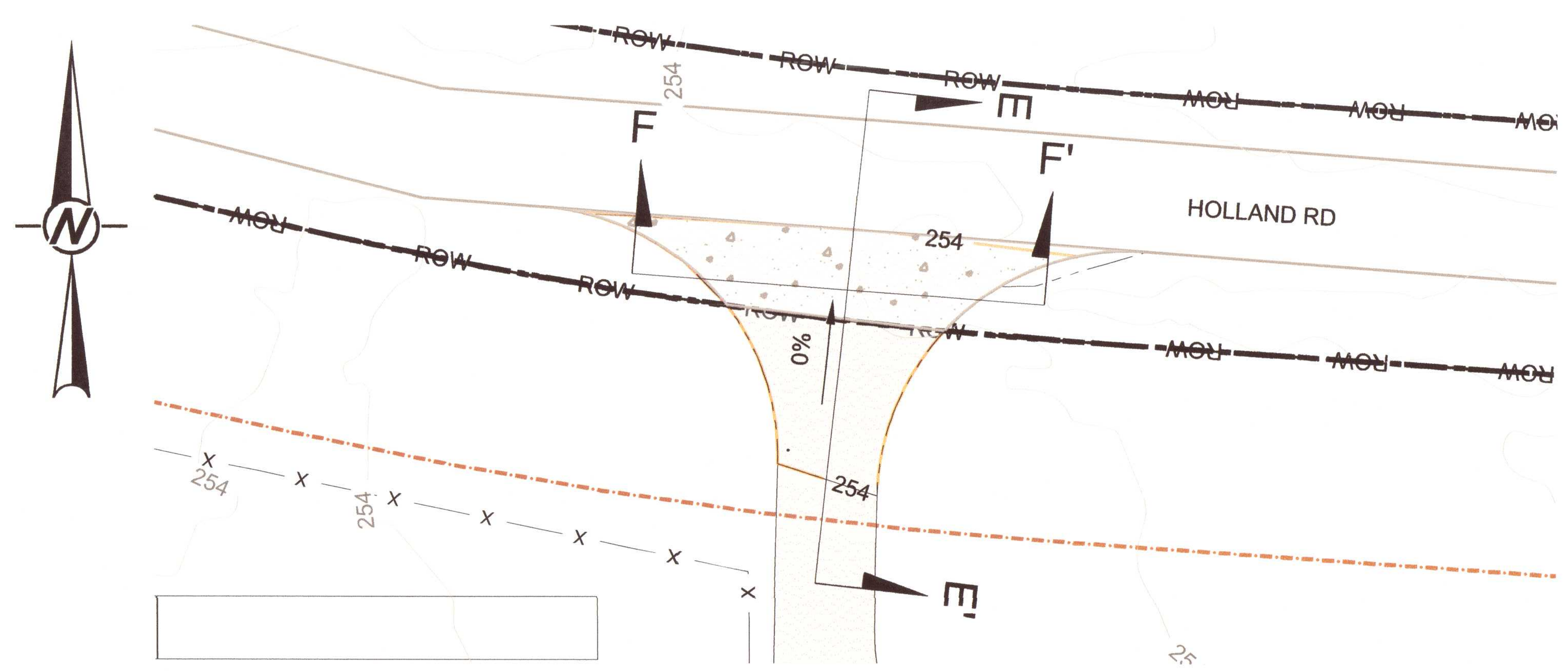
LEGEND

- SITE BOUNDARY
- PROJECT AREA
- PROPOSED FENCE
- PARCEL BOUNDARY
- RIGHT-OF-WAY
- EXISTING CONTOURS
- PROPOSED CONTOURS
- PAVEMENT

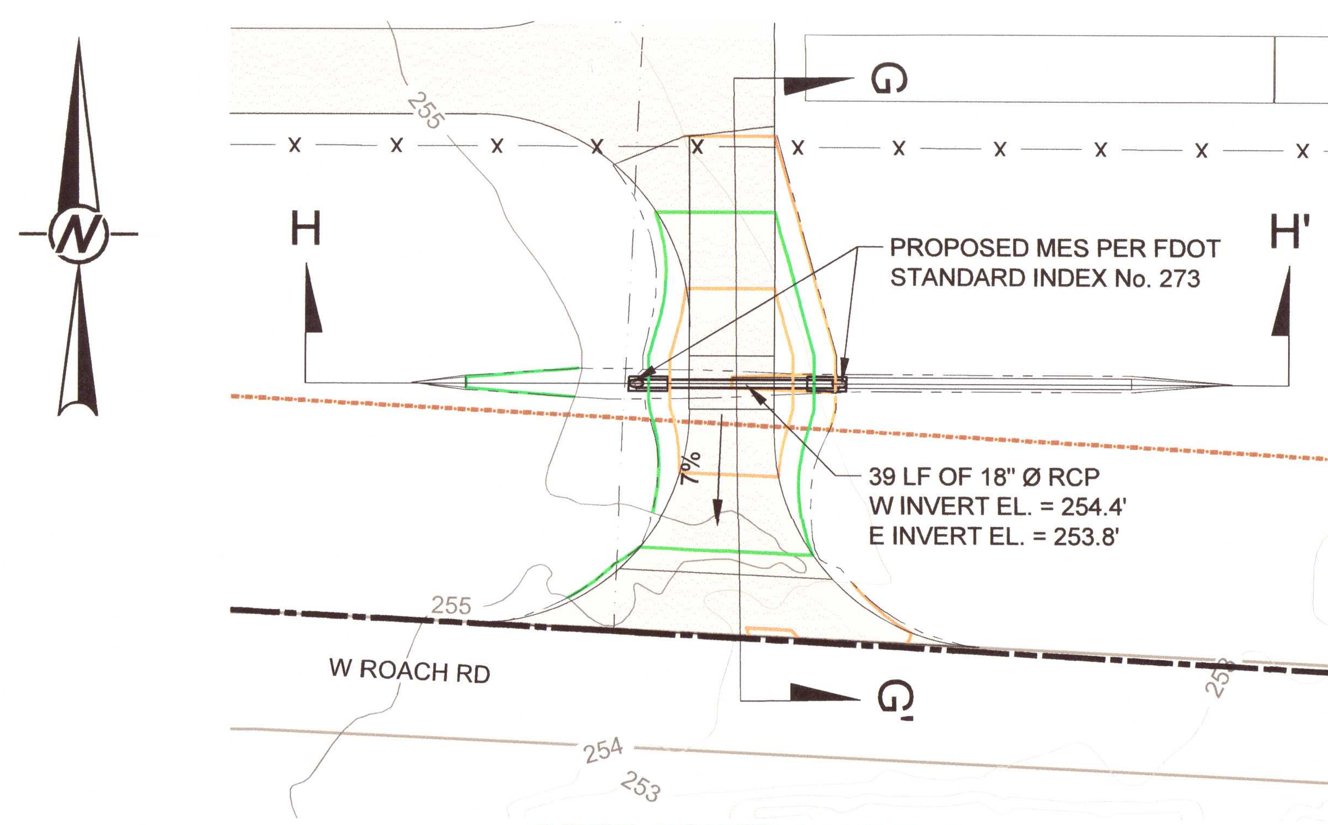
NOTE(S)

1. DRIVEWAYS WITHIN COUNTY RIGHT-OF-WAY SHALL INCLUDE 1.5" (MIN) TYPE S-1 ASPHALT, 6" BASE MATERIAL LBR100 AND 12" STABILIZED SUBGRADE. (95% MAXIMUM DRY DENSITY PER AASHTO T-180).
2. DISTURBED AREAS WITHIN AND ADJACENT TO COUNTY RIGHT-OF-WAY SHALL BE RESTORED AND STABILIZED TO PRE-EXISTING CONDITIONS. SHOULDER STABILIZATION SHALL BE COMPLETED IN ACCORDANCE WITH FDOT STANDARD INDEX 105.

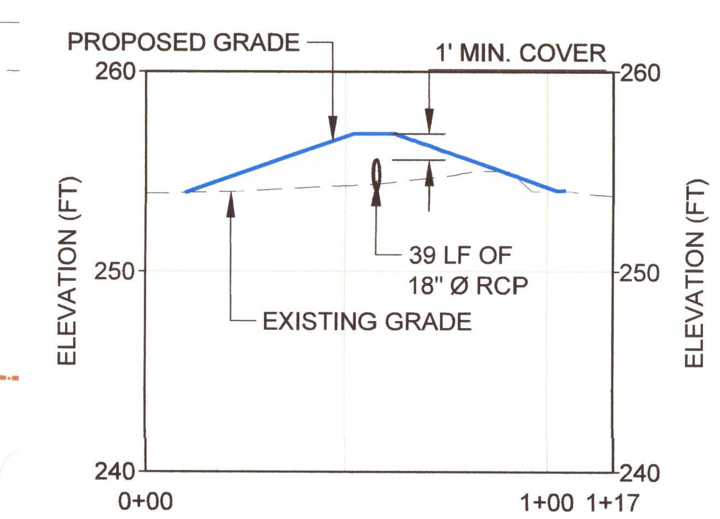
BLAKE T. HOLCOMB
LICENSE
No. 72381
5/17/2021
STATE OF FLORIDA
PROFESSIONAL ENGINEER



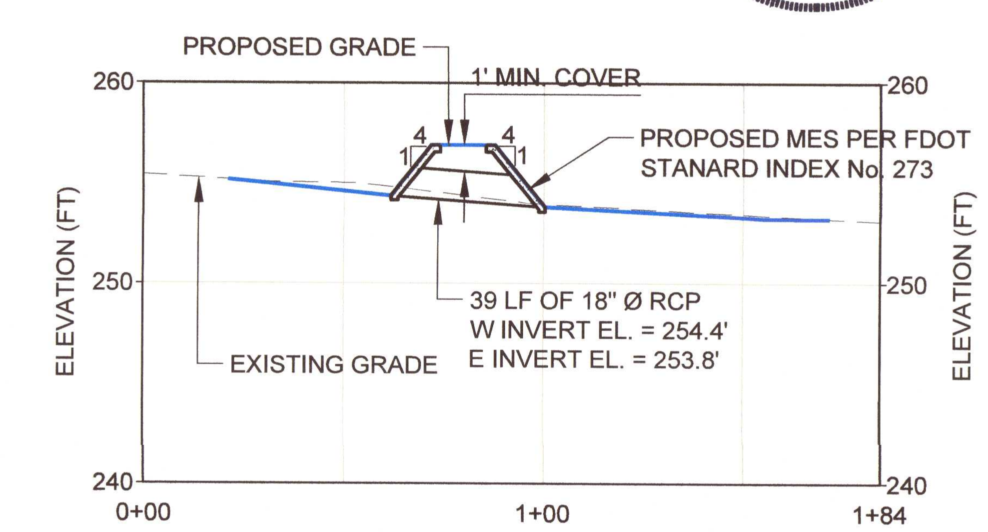
SITE ENTRANCE 3
SEE NOTE 1
0 30 60
1" = 60' FEET



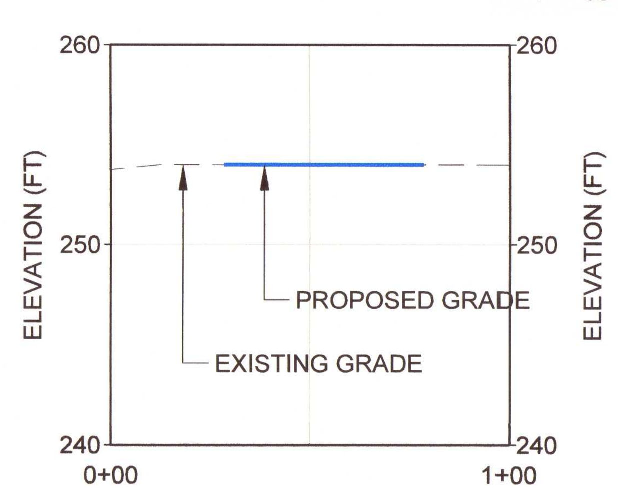
SITE ENTRANCE 4
SEE NOTE 1
0 30 60
1" = 60' FEET



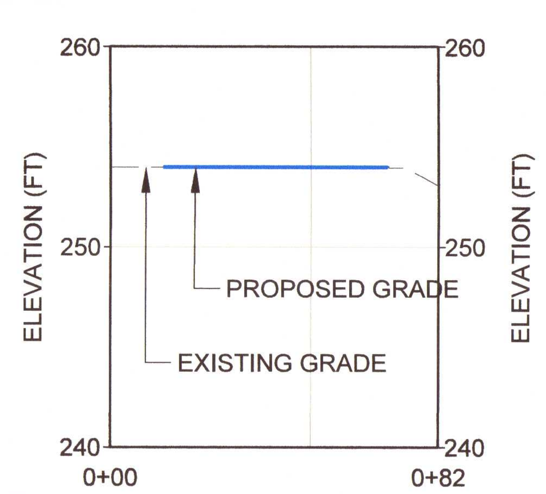
G 20 CROSS SECTION G-G'
0 40 80 HORIZONTAL SCALE FEET
0 8 16 VERTICAL SCALE FEET



H 20 CROSS SECTION H-H'
0 40 80 HORIZONTAL SCALE FEET
0 8 16 VERTICAL SCALE FEET



E 20 CROSS SECTION E-E'
0 40 80 HORIZONTAL SCALE FEET
0 8 16 VERTICAL SCALE FEET



F 20 CROSS SECTION F-F'
0 40 80 HORIZONTAL SCALE FEET
0 8 16 VERTICAL SCALE FEET

CLIENT
GULF POWER COMPANY

CONSULTANT
GOLDER
MEMBER OF WSP

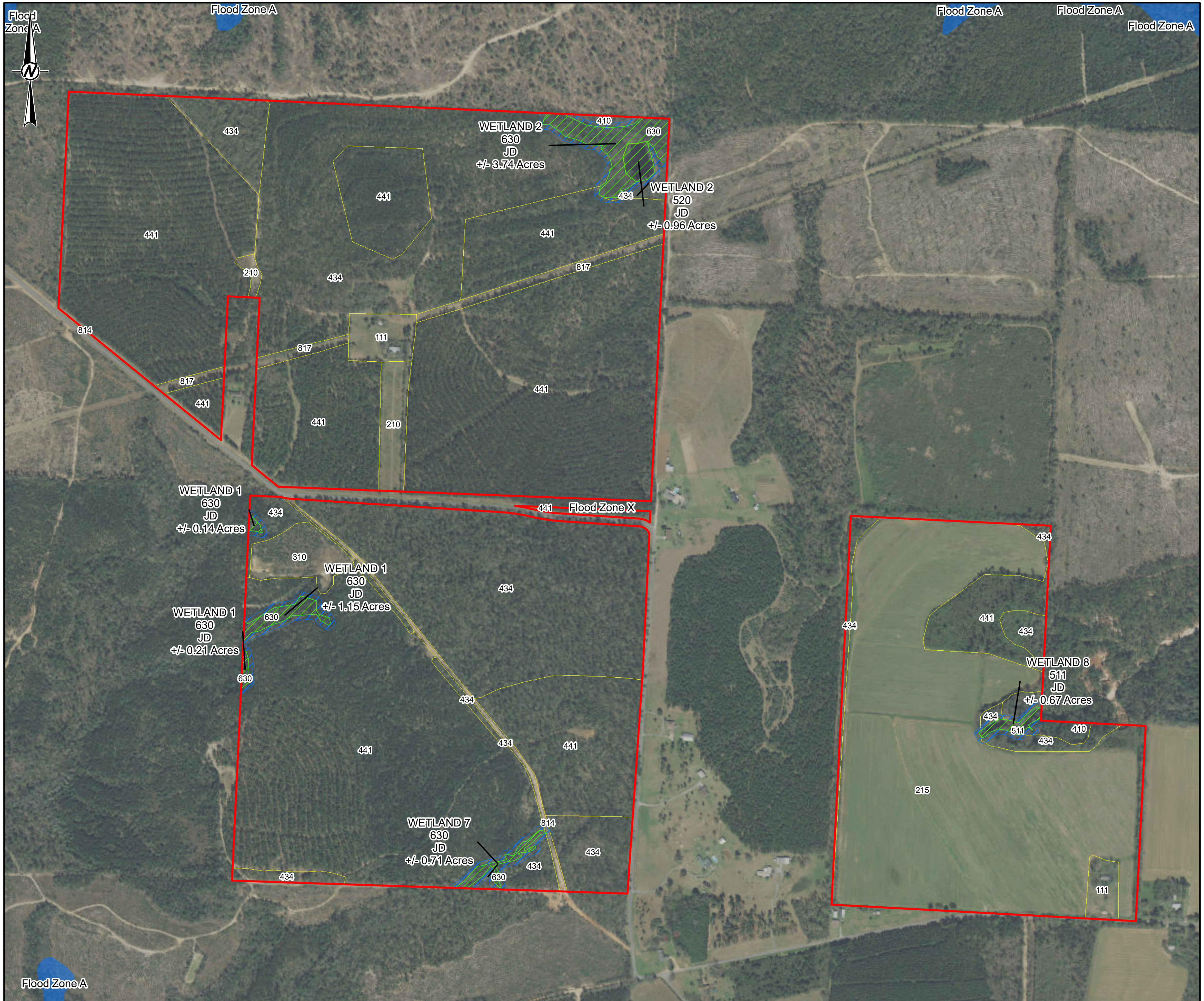
YYYY-MM-DD	2021-05-13
DESIGNED	HH/EWT
PREPARED	RS
REVIEWED	BTH
APPROVED	BTH

PROJECT
FIRST CITY SOLAR ENERGY CENTER
ESCAMBIA COUNTY, FLORIDA

TITLE
SITE ENTRANCE ROAD DETAILS AND SECTIONS

PROJECT NO.	CONTROL NO.	REV.	SHEET
20147595	20147595-014	D	20

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



LEGEND

- Project Boundary
- Wetlands (FDEP, USACE, and Escambia County Jurisdictional)
- JD: Jurisdictional Wetland
- Land Use
  - 111: Fixed Single Family Units
  - 215: Field Crops
  - 410: Upland Coniferous Forests
  - 441: Coniferous Plantations
  - 511: Ditches
  - 520: Lakes
  - 630: Wetland Forested Mixed
- Flood Zone A
- 30' Wetland/MERS Buffer

0 450 900 1,800
Feet

WL & SW ID	WL & SW TYPE (FLUCFCS)	WL & SW SIZE (ac.)	WL &SW BUFFER SIZE (ac.)
1	630	1.5	1.44
2	520	0.96	0.21
2	630	3.74	1.27
7	630	0.71	1.3
8	511	0.66	0.76
	TOTAL	7.57	4.98

NOTE(S)

FEMA FLOOD ZONE DEFINITIONS:

FLOOD ZONE A: AREAS WITH A 1% ANNUAL CHANCE OF FLOODING AND A 26% CHANCE OF FLOODING OVER THE LIFE OF A 30-YEAR MORTGAGE. BECAUSE DETAILED ANALYSES ARE NOT PERFORMED FOR SUCH AREAS; NO DEPTHS OR BASE FLOOD ELEVATIONS ARE SHOWN WITHIN THESE ZONES.

FLOOD ZONE X: AREA OF MINIMAL FLOOD HAZARD, USUALLY DEPICTED ON FIRMS AS ABOVE THE 500-YEAR FLOOD LEVEL

REFERENCE(S)

1. PROJECT BOUNDARY: GULF POWER 2020
2. LAND USE, BUFFER: GOLDER ASSOCIATES INC 2020-21
3. FLOOD ZONE: FEMA
4. WETLAND BOUNDARIES DELINEATED BY GOLDER ASSOCIATES IN MAY 2020

COORDINATE SYSTEM: NAD 1983 STATEPLANE FLORIDA NORTH FIPS 0903 FEET
PROJECTION: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
SERVICE LAYER CREDITS: SOURCE: ESRI, MAXAR, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRID, IGN, AND THE GIS USER COMMUNITY

CLIENT
GULF POWER

PROJECT
FIRST CITY SOLAR ENERGY CENTER

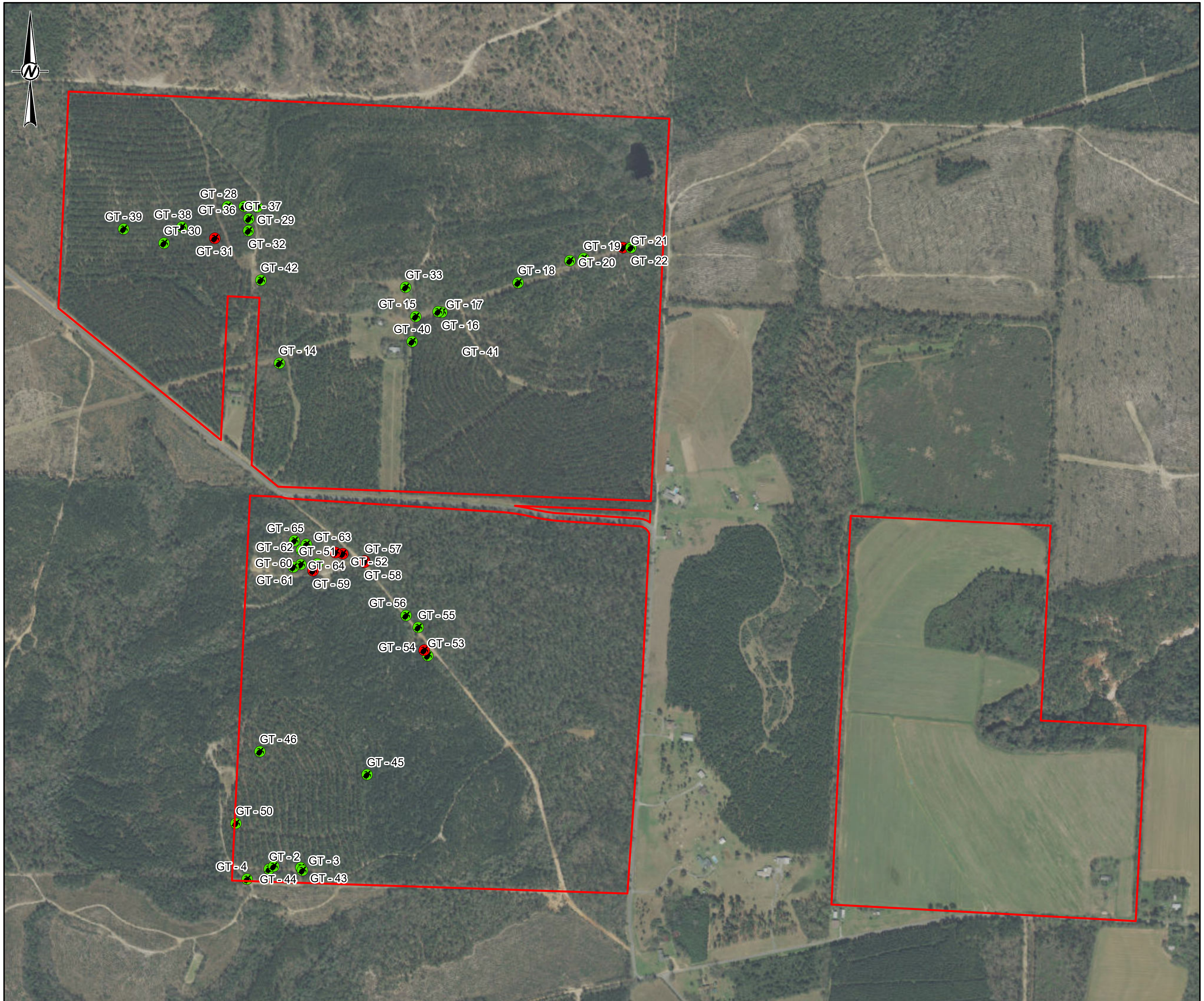
TITLE
ENVIRONMENTALLY SENSITIVE LANDS

CONSULTANT
GOLDER

YYYY-MM-DD	2021-02-09
DESIGNED	JGW
PREPARED	JGW
REVIEWED	KAB
APPROVED	KAB

PROJECT NO.	CONTROL	REV.	FIGURE
19132616	B015	0	1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



LEGEND

Project Boundary

Gopher Tortoise Burrows

Potentially Occupied - Active (36)

Potentially Occupied - Inactive (8)

0 325 650 1,300

Feet

REFERENCE(S)

1. PROJECT BOUNDARY: GULF POWER 2020
2. FNAI ELEMENT OCCURRENCES: FNAI 2018

COORDINATE SYSTEM: NAD 1983 STATEPLANE FLORIDA NORTH FIPS 0903 FEET
PROJECTION: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
SERVICE LAYER CREDITS: SOURCE: ESRI, MAXAR, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRID, IGN, AND THE GIS USER COMMUNITY

CLIENT
GULF POWER

PROJECT
FIRST CITY SOLAR ENERGY CENTER

TITLE
LISTED SPECIES MAP

CONSULTANT

GOLDER

YYYY-MM-DD	2021-02-16
DESIGNED	JGW
PREPARED	JGW
REVIEWED	KAB
APPROVED	KAB

PROJECT NO.	CONTROL	REV.	FIGURE
19132616	B005	0	2

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

LEGEND

Project Boundary

Wetlands

JD: Jurisdictional Wetland

Land Use

111: Fixed Single Family Units

215: Field Crops

410: Upland Coniferous Forests

441: Coniferous Plantations

511: Ditches

520: Lakes

630: Wetland Forested Mixed

0 800 1,600 3,200

Feet

REFERENCE(S)

1. PROJECT BOUNDARY: GULF POWER 2020
2. LAND USE: NWFWMD 2013

COORDINATE SYSTEM: NAD 1983 STATEPLANE FLORIDA NORTH FIPS 0903 FEET
PROJECTION: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
SERVICE LAYER CREDITS: SOURCE: ESRI, MAXAR, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRID, IGN, AND THE GIS USER COMMUNITY

CLIENT
GULF POWER

PROJECT
FIRST CITY SOLAR ENERGY CENTER

TITLE
WETLANDS MAP

CONSULTANT

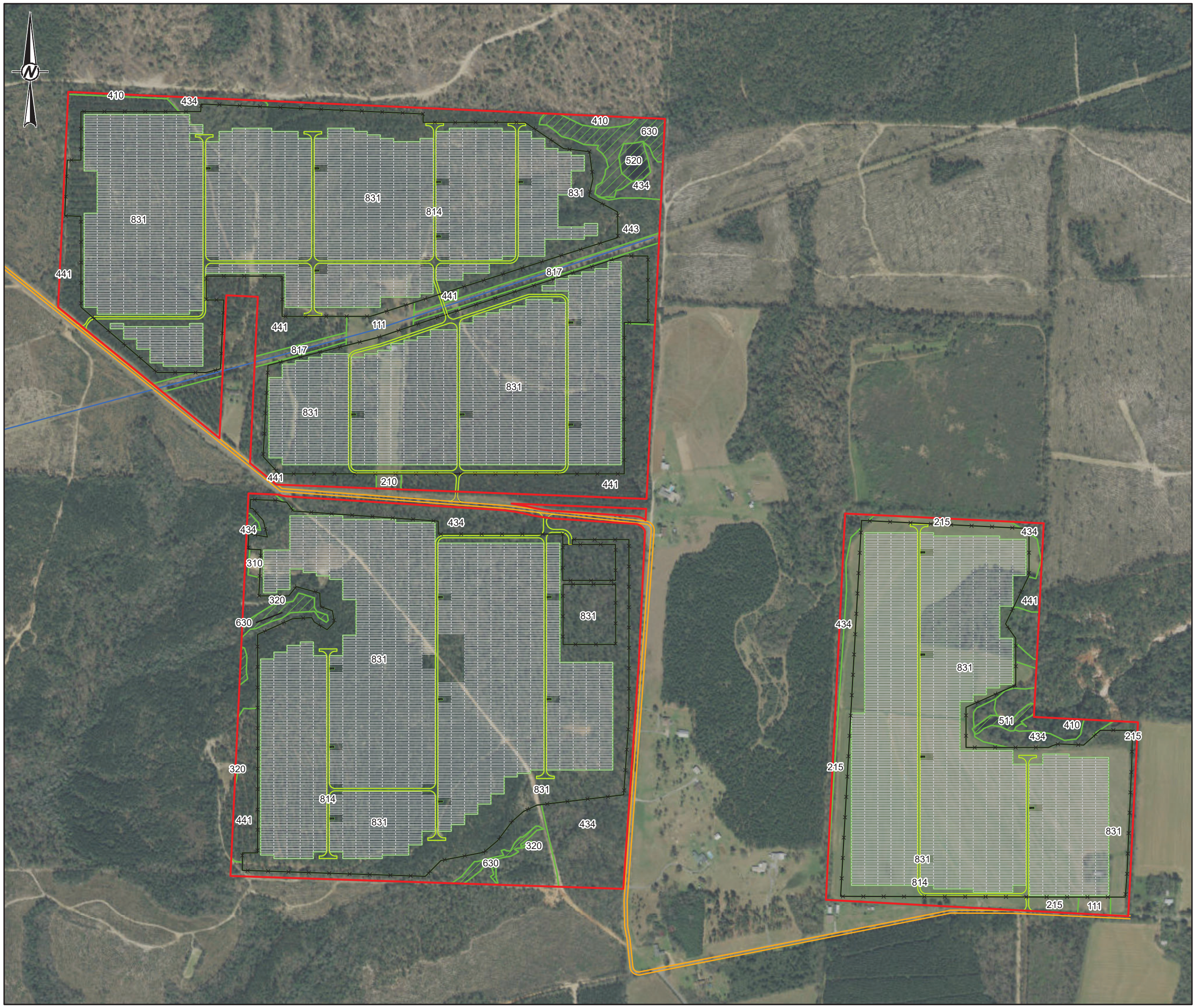
GOLDER

YYYY-MM-DD	2020-12-16
DESIGNED	JGW
PREPARED	JGW
REVIEWED	KAB
APPROVED	KAB

PROJECT NO.	CONTROL	REV.	FIGURE
19132616	B015	0	3

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

SAJ-2020-04365 (NPR-TLO)



LEGEND

- Underground Gas LIne
- Existing Road
- Security Fence
- Access Road
- Inverters
- Solar Arrays
- Project Boundary / USACE Area of Review (AOR)
- Wetlands / NOTE: Wetlands extend outside of AOR
- Land Use
  - 111: Fixed Single Family Units
  - 210: Cropland And Pastureland
  - 215: Field Crops
  - 310: Herbaceous (Dry Prairie)
  - 320: Shrub And Brushland
  - 410: Upland Coniferous Forests
  - 434: Hardwood-Coniferous Mixed
  - 441: Coniferous Plantations
  - 443: Forest Regeneration Areas
  - 511: Ditches
  - 520: Lakes
  - 630: Wetland Forested Mixed
  - 814: Roads
  - 817: Oil, Water Or Gas Long Distance Transmission Lines
  - 831: Electric Generating Facilities

0 450 900 1,800
Feet

REFERENCE(S)

1. PROJECT BOUNDARY: GULF POWER 2020
2. PROPOSED LAND USE: NWFWMD 2013, MODIFIED BY GOLDER ASSOCIATES INC 2020 AFTER WETLAND SURVEY AND SITE VISIT
3. SITE LAYOUT: GULF POWER 2020

COORDINATE SYSTEM: NAD 1983 STATEPLANE FLORIDA NORTH FIPS 0903 FEET
PROJECTION: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
SERVICE LAYER CREDITS: SOURCE: ESRI, MAXAR, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRID, IGN, AND THE GIS USER COMMUNITY

CLIENT
GULF POWER

PROJECT
FIRST CITY SOLAR ENERGY CENTER

TITLE
PROPOSED LAND USE

CONSULTANT
GOLDER

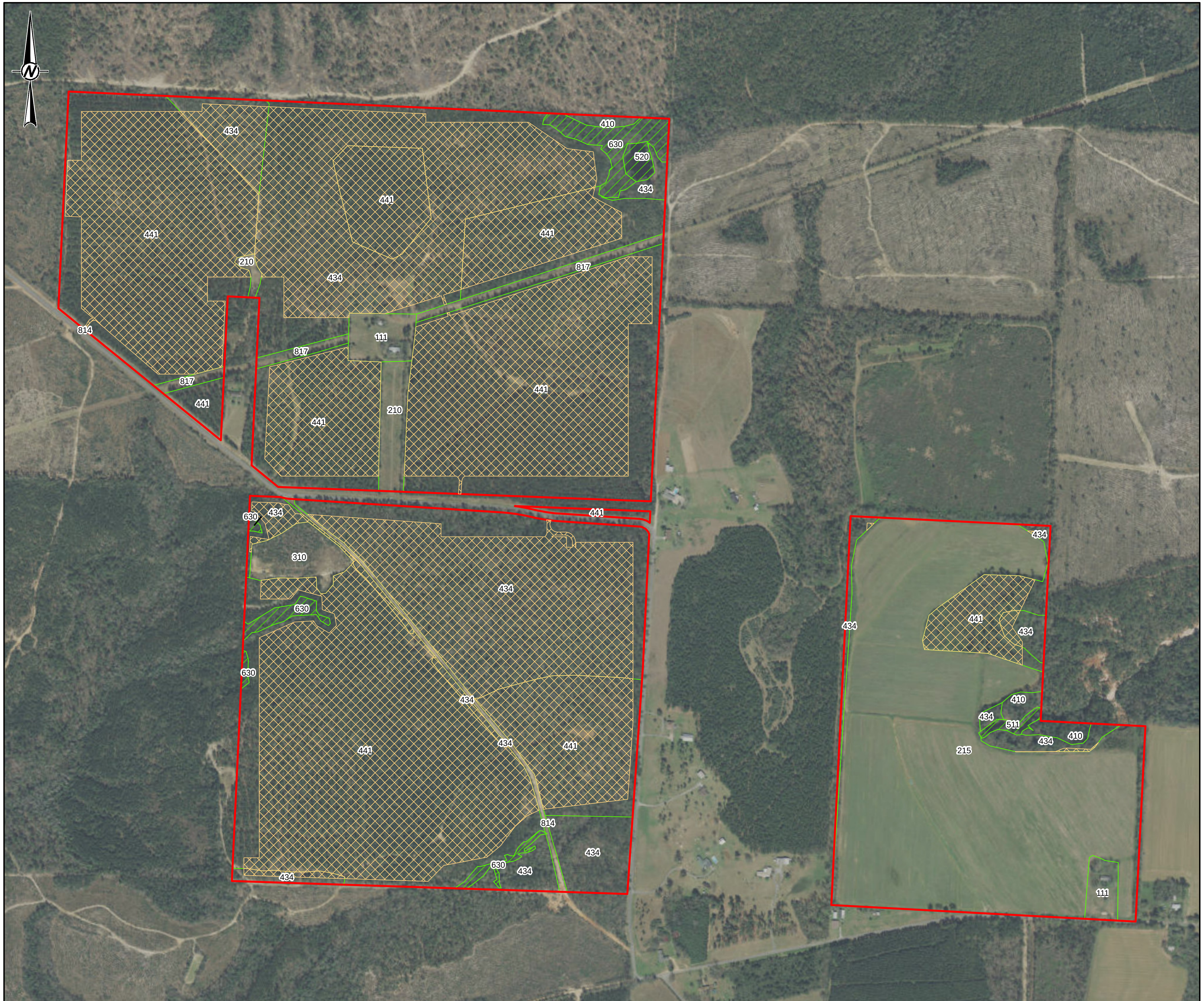
YYYY-MM-DD	2020-10-19
DESIGNED	JGW
PREPARED	JGW
REVIEWED	KAB
APPROVED	KAB

PROJECT NO.	CONTROL	REV.	FIGURE
19132616	B014	0	5

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

0 1 in

SAJ-2020-04365 (NPR-TLO)



LEGEND

- Proposed Forest Clearing (±274.88 Acres)
- Project Boundary
- Wetlands
- Land Use
  - 111: Fixed Single Family Units
  - 210: Cropland and Pastureland
  - 215: Field Crops
  - 310: Range Land, Herbaceous
  - 410: Upland Coniferous Forests
  - 434: Hardwood - Coniferous Mixed
  - 441: Coniferous Plantations
  - 511: Ditches
  - 520: Lakes
  - 630: Wetland Forested Mixed
  - 814: Roads and Highways
  - 817: Oil, Water, or Gas Long Distance Transmission Lines

0 450 900 1,800
Feet

REFERENCE(S)
1. PROJECT BOUNDARY: GULF POWER 2020
2. FOREST CLEARING, LAND USE: GOLDER ASSOCIATES IN 2020

COORDINATE SYSTEM: NAD 1983 STATEPLANE FLORIDA NORTH FIPS 0903 FEET
PROJECTION: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
SERVICE LAYER CREDITS: SOURCE: ESRI, MAXAR, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRID, IGN, AND THE GIS USER COMMUNITY

CLIENT
GULF POWER

PROJECT
FIRST CITY SOLAR ENERGY CENTER

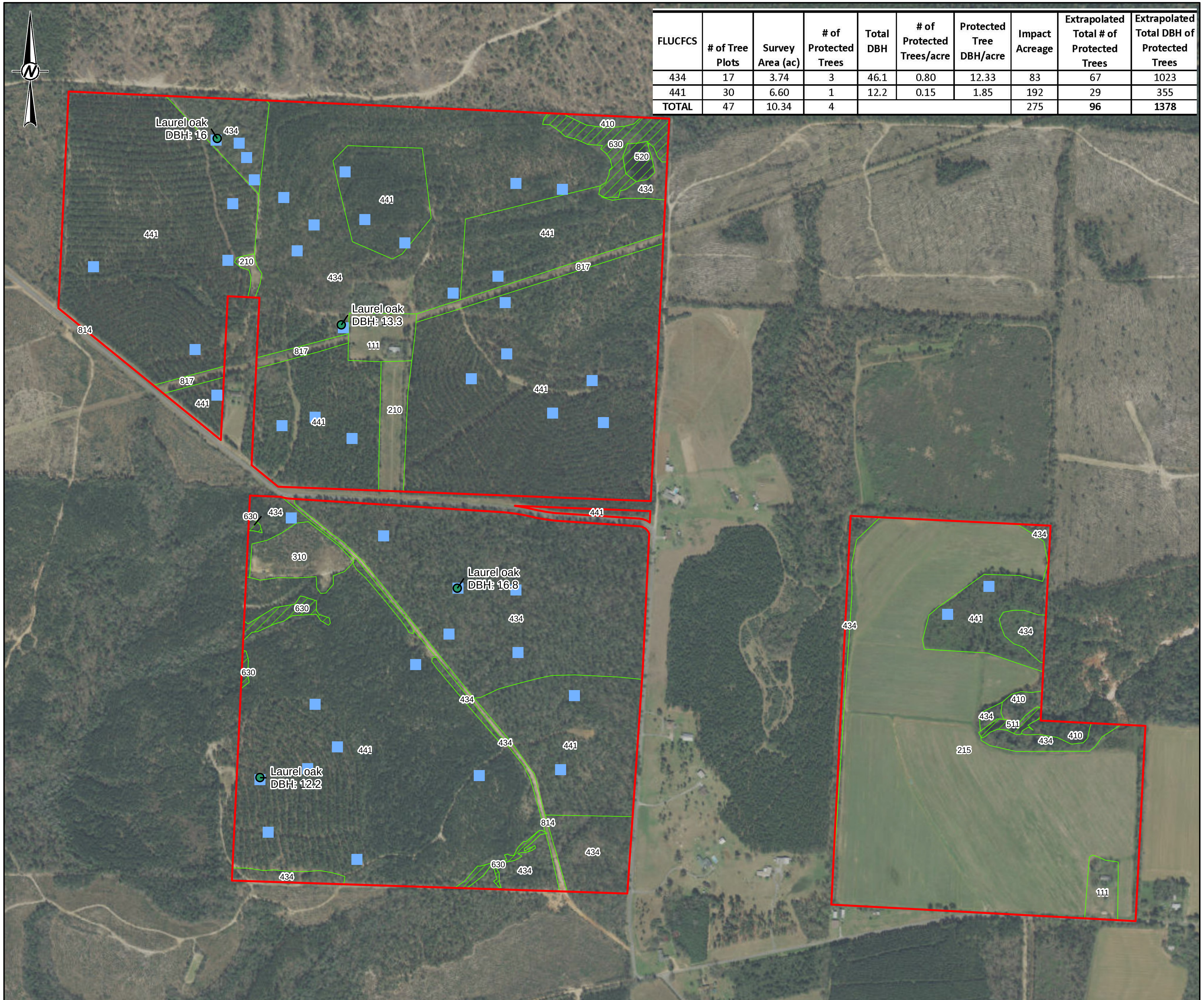
TITLE
PROPOSED TREE CLEARING

CONSULTANT
GOLDER

YYYY-MM-DD	2020-12-11
DESIGNED	JGW
PREPARED	JGW
REVIEWED	KAB
APPROVED	KAB

PROJECT NO.	CONTROL	REV.	FIGURE
19132616	B020	0	1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



FLUCFCS	# of Tree Plots	Survey Area (ac)	# of Protected Trees	Total DBH	# of Protected Trees/acre	Protected Tree DBH/acre	Impact Acreage	Extrapolated Total # of Protected Trees	Extrapolated Total DBH of Protected Trees
434	17	3.74	3	46.1	0.80	12.33	83	67	1023
441	30	6.60	1	12.2	0.15	1.85	192	29	355
TOTAL	47	10.34	4				275	**96**	**1378**

LEGEND

Tree Survey Results

- Laurel Oak (4)
- Tree Plots (30m x 30m) - 47 Total
- Project Boundary
- Wetlands
- Land Use
  - 111: Fixed Single Family Units
  - 210: Cropland and Pastureland
  - 215: Field Crops
  - 310: Range Land, Herbaceous
  - 410: Upland Coniferous Forests
  - 434: Hardwood - Coniferous Mixed
  - 441: Coniferous Plantations
  - 511: Ditches
  - 520: Lakes
  - 630: Wetland Forested Mixed
  - 814: Roads and Highways
  - 817: Oil, Water, or Gas Long Distance Transmission Lines

0 450 900 1,800
Feet

REFERENCE(S)

1. PROJECT BOUNDARY: GULF POWER 2020
2. LAND USE: NWFWMD 2013
3. TREE SURVEY: GOLDER ASSOCIATES IN 2020

COORDINATE SYSTEM: NAD 1983 STATEPLANE FLORIDA NORTH FIPS 0903 FEET
PROJECTION: LAMBERT CONFORMAL CONIC
DATUM: NORTH AMERICAN 1983
SERVICE LAYER CREDITS: SOURCE: ESRI, MAXAR, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRID, IGN, AND THE GIS USER COMMUNITY

CLIENT
GULF POWER

PROJECT
FIRST CITY SOLAR ENERGY CENTER

TITLE
TREE SURVEY

CONSULTANT
GOLDER

YYYY-MM-DD	2020-12-11
DESIGNED	JGW
PREPARED	JGW
REVIEWED	KAB
APPROVED	KAB

PROJECT NO.	CONTROL	REV.	FIGURE
19132616	B018	0	**2**