

SITE DATA:

★ Staging Area #1 - Columbia County - SRWMD Press - Ruth Road, Lake City, FL PID 10-45-17-08303-000	Staging Area #2 - Columbia County - SRWMD Suwannee Valley Road, Lake City, FL PID 25-25-15-00093-000
Staging Area #3 - Suwannee County - SRWMD 153rd Road, Live Oak, FL PID 36-015-12E-0981400.0000	Staging Area #4 - Madison County - SRWMD S. Dale Leslie Dr., Madison, FL PID 21-15-10-1290-001-000
Staging Area #5 - Jefferson County - NWFWMD Campground Road, Monticello, FL PID 14-1N-4E-0000-0042-0000	★ Staging Area #6 - Leon County - NWFWMD Tram Road, Tallahassee, FL PID 3127200020000
★ Staging Area #7 - Gadsden County - NWFWMD Hosford Hwy., Quincy, FL PID 3-18-2N-4W-0000-00130-0200	Staging Area #8 - Gadsden County - NWFWMD Flat Creek Road, Chattahoochee, FL PID 2-35-3N-6W-0000-00220-0000

PROJECT NARRATIVE:

Temporary Staging Areas are required to stage and store construction materials (poles, conductor, insulators, etc.) and equipment (drill rigs, line trucks, cranes, etc.) along the project. The 176 mile length of the corridor was broken up into approximately 20 mile segments resulting in the need for eight (8) temporary staging areas. Each staging area is sized to be able to store its pro-rata share of the material. The average site selection criteria is for each staging area to be approximately 16.0 acres total with approximately 12.6 acres of developed area. The developed area will consist of an at grade #57 crushed limerock surface to facilitate the storage of poles and equipment along with a perimeter road to facilitate access. Each site has been reviewed to ensure that existing surface water flow will not be impeded. Additionally, each site will have a berm / swale along the low side(s) along with dry retaining ponds to ensure that no runoff from the site will impact any neighboring properties. The staging areas will remain in place for the duration of the project. At the conclusion of the project, each staging area will be returned to its pre-construction state. The anticipated duration is approximately 12 - 18 months.

Construction and maintenance access to each staging area will be gained via existing road right-of-way. Connector aprons will be constructed in accordance with county / state requirements.

Staging Areas are contingent upon land negotiations. Any staging areas obtained in addition to or in lieu of those identified will undergo a similar evaluation / vetting relative to avoidance of environmental, cultural, and wildlife habitat impact.

Staging Areas will conform with all federal, state, and local ordinances and regulations for long term storage materials.

Deliveries and active use of staging areas will be consistent with construction hours.

All proposed semi-pervious material will be installed at the existing natural ground elevation throughout the site to prevent impedance of the existing watershed.

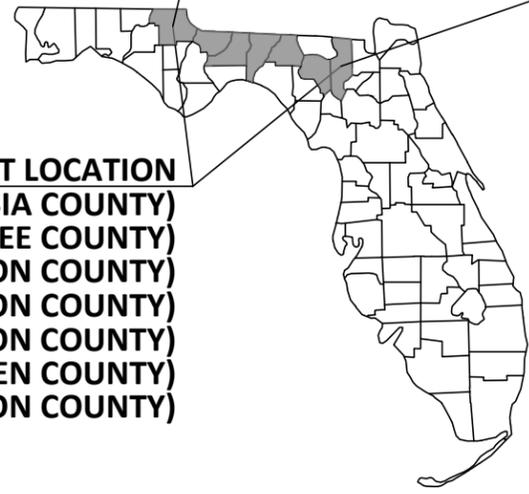
When the proposed activities occur adjacent to wetlands, appropriate sediment control methods will be used, as required. Sediment controls include the installation of staked silt fences along proposed fill in wetlands.

No tree removal will be necessary to facilitate construction of the staging areas.

Each staging area will use the void space between the #57 crushed limerock for storage for the first 1" of runoff. Gulf Power has done extensive testing on this void ratio and has determined that a 40% void ratio provides a good conservative value. In addition to utilizing the voids for storage, each site will have a swale / berm constructed on the low side(s) of each to ensure no stormwater runoff escapes to adjacent properties. Each site will also have a dry retention pond to account for attenuation. The ponds will be designed to recover within 72 hours. Soil Borings and Double Ring Infiltrometer Testing will be performed at each site to facilitate the design of each dry pond.

REV	DATE	DESCRIPTION	BY	CHKD	APP
1	11/22/19	REVISIONS, CLARIFICATIONS FOR RAI RESPONSE 11-22-19	GCC	JRC	MKL
0	10/25/19	ISSUED FOR INITIAL PERMIT SUBMITTAL	GCC	JRC	MKL

PROJECT LOCATION
 (COLUMBIA COUNTY)
 (SUWANNEE COUNTY)
 (MADISON COUNTY)
 (JEFFERSON COUNTY)
 (LEON COUNTY)
 (GADSDEN COUNTY)
 (JACKSON COUNTY)

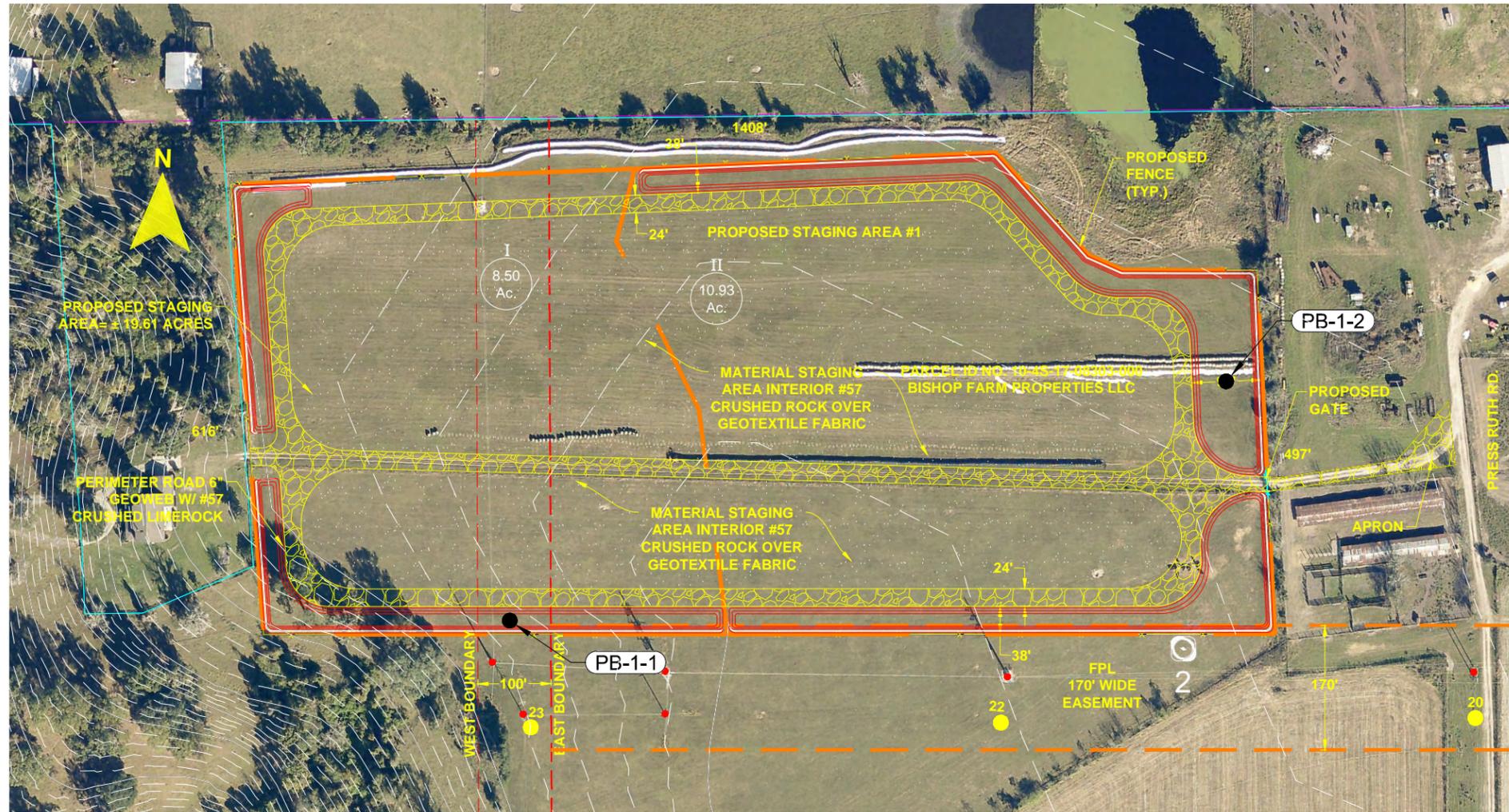


LEGEND

- ★ FINAL DESIGN
- ★ PRELIMINARY DESIGN, FIELD WORK NOT COMPLETED

★ **NOTE:**
 FINAL SUBMITTAL UPON
 COMPLETION OF FIELD WORK

GULF POWER COMPANY		NORTH FLORIDA RESILIENCY CONNECTION	
SCALE: N.T.S. DRAWN BY: GCC ENGINEER: MKL COUNTY: AS SHOWN SHEET 1 OF 5	DATE: 11/22/19 CHECKED BY: JRC SECTION: AS SHOWN FILE NAME: NFRC STAGING AREAS		NFRC STAGING AREAS EXHIBIT FPI_035581 20210015-EI



STAGING AREA 1 SITE DETAILS

TOTAL SITE AREA	19.61 ACRES
TOTAL SEMI-PERVIOUS AREA (NO. 57 CRUSHED ROCK)	19.61 ACRES
TOTAL VOLUME OF ROCK	1,000,000 CU YD
VOLUME OF ROCK VOIDS (APPROX @40% PERVIOUS)	400,000 CU YD
VOLUME OF FIRST 1" OF RAIN RUNOFF	1,000,000 GAL
FACTOR OF SAFETY	1.5

ADDRESS:

SUWANNEE VALLEY ROAD
LAKE CITY, FL

PID: 25-25-15-0093-000

FLOOD ZONE NOTES:

- FLOOD ZONE INFORMATION BASED ON THE COLUMBIA COUNTY, FLORIDA FLOOD INSURANCE RATE MAPS:
MAP NUMBER 12023C0311D (DATED 11-02-18)
- APPLICABLE FLOOD ZONE DELINEATIONS PER THE ABOVE REFERENCED FLOOD INSURANCE RATE MAP ARE AS FOLLOWS:
ZONE X AREA OUTSIDE THE 100-YEAR FLOOD PLAIN

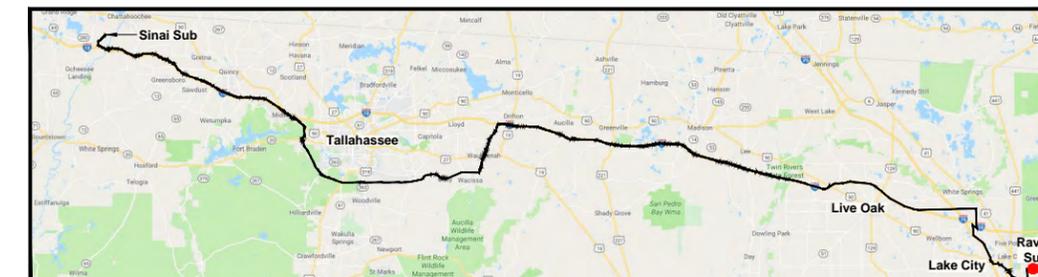
NOTES:

- SURVEY BOUNDARIES AND WETLAND DELINEATION PROVIDED BY OTHERS.
- TEMPORARY MATTING CONFIGURATION BASED ON PLANS PREPARED BY PICKETT.

LEGEND	
	TEMPORARY MATTING
	WETLAND
	LIMITS OF UPLAND CLEARING
	DITCH, STREAM & WATERBODY
	LIMITS OF WETLAND CLEARING
	EXISTING FPL EASEMENT
	PROPOSED EASEMENT
	PROJECT BOUNDARY
	PROPERTY LINE
	278A2 TRANSMISSION POLE TO BE INSTALLED
	278A2 EXISTING TRANSMISSION POLE TO REMAIN
	278A2 TRANSMISSION POLE TO BE REMOVED
	PROJECT MILE MARKER

STAGING AREA 1 PRE-DEVELOPED				
SUB BASIN	AREA (AC.)	CURVE NUMBER (CN)	TC (MIN.)	Q PEAK (100 YR.) (CFS)
I	8.50	79	19.9	49.85
II	10.93	79	102.7	20.80

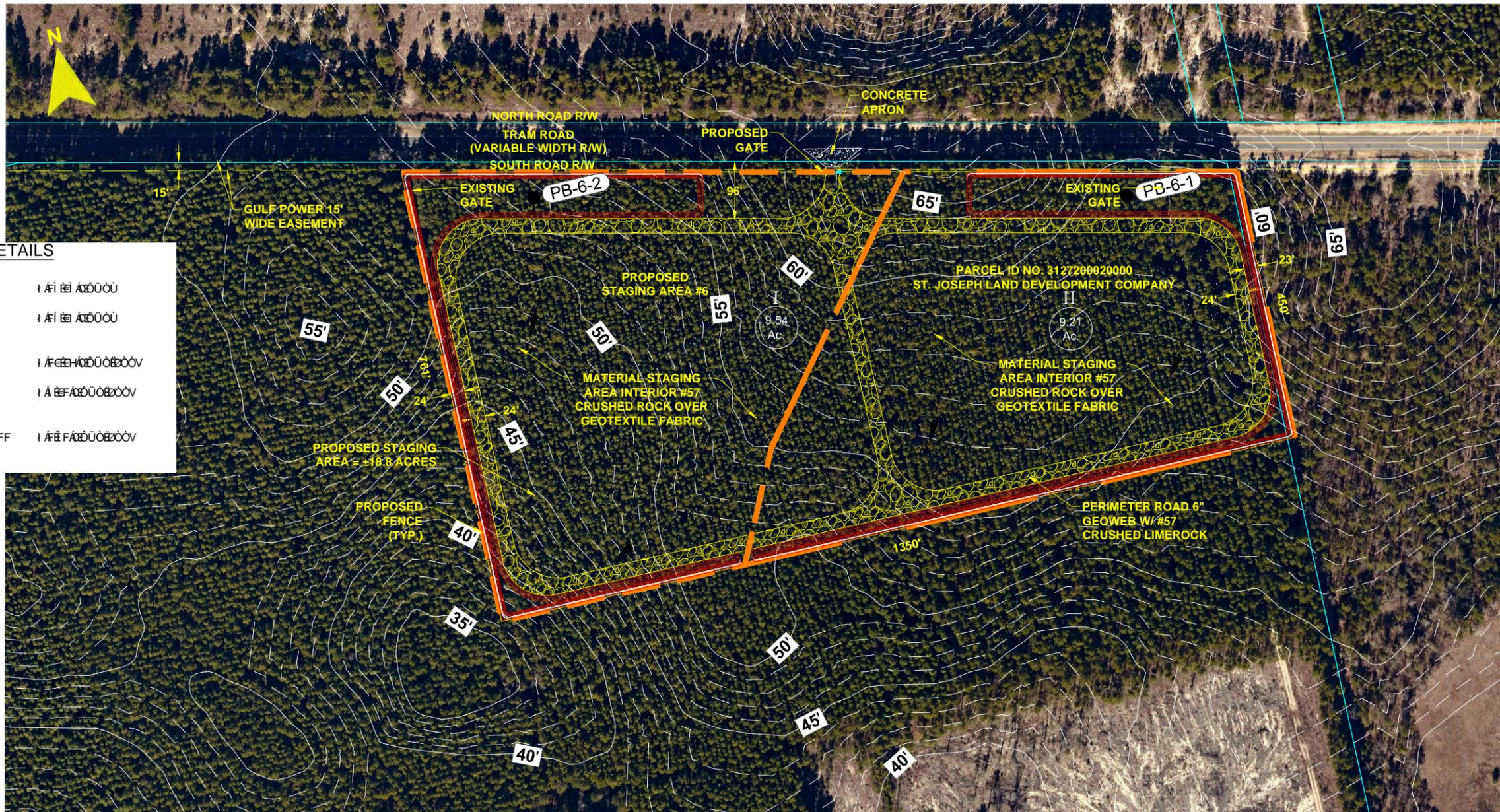
POST DEVELOPED					
SUB BASIN	AREA (AC.)	CURVE NUMBER (CN)	TC (MIN.)	Q PEAK (100 YR.) (CFS)	POND Q ₁₀₀ OUT (CFS)
I	8.50	80	17.0	53.02	45.58
II	10.93	80	70.4	28.15	20.66



24 x 36 Scale: 1" = 100'
11 x 17 Scale: 1" = 200'

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1	11/22/19	REVISIONS, CLARIFICATIONS FOR RAI RESPONSE 11-22-19	GCC	JRC	MKL
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GULF POWER COMPANY		NORTH FLORIDA RESILIENCY CONNECTION	
SCALE: 1" = 200' DRAWN BY: GCC ENGINEER: MKL COUNTY: COLUMBIA SHEET 2 OF 5		DATE: 11/22/19 CHECKED BY: JRC SECTION: AS SHOWN FILE NAME: NFRC STAGING AREAS	
		STAGING AREA 1	



STAGING AREA 6 SITE DETAILS

TOTAL SITE AREA	148.8 ACRES
TOTAL SEMI-PERVIOUS AREA (NO. 57 CRUSHED ROCK)	148.8 ACRES
TOTAL VOLUME OF ROCK	1,000,000 CU YD
VOLUME OF ROCK VOIDS (APPROX @40% PERVIOUS)	400,000 CU YD
VOLUME OF FIRST 1" OF RAIN RUNOFF	1,000,000 CU YD
FACTOR OF SAFETY	1.5

ADDRESS:
 TRAM ROAD
 TALLAHASSEE, FL
 PID: 31272.0002.0000

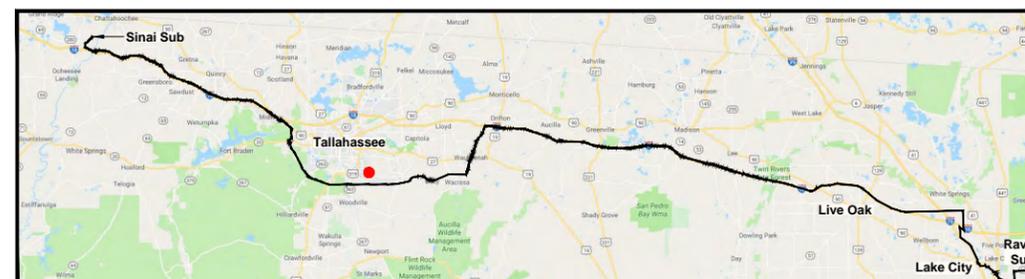
- FLOOD ZONE NOTES:**
- FLOOD ZONE INFORMATION BASED ON THE COLUMBIA COUNTY, FLORIDA FLOOD INSURANCE RATE MAPS:
 MAP NUMBER 12073C0315F (DATED 08-18-09)
 MAP NUMBER 12073C0455F (DATED 08-18-09)
 - APPLICABLE FLOOD ZONE DELINEATIONS PER THE ABOVE REFERENCED FLOOD INSURANCE RATE MAP ARE AS FOLLOWS:
 ZONE X AREA OUTSIDE THE 100-YEAR FLOOD PLAIN

- NOTES:**
- SURVEY BOUNDARIES AND WETLAND DELINEATION PROVIDED BY OTHERS.
 - TEMPORARY MATTING CONFIGURATION BASED ON PLANS PREPARED BY PICKETT.

LEGEND	
	TEMPORARY MATTING
	WETLAND
	LIMITS OF UPLAND CLEARING
	DITCH, STREAM & WATERBODY
	LIMITS OF WETLAND CLEARING
	278A2 TRANSMISSION POLE TO BE INSTALLED
	278A2 EXISTING TRANSMISSION POLE TO REMAIN
	EXISTING FPL EASEMENT
	PROPOSED EASEMENT
	PROJECT BOUNDARY
	PROPERTY LINE
	278A2 TRANSMISSION POLE TO BE REMOVED
	PROJECT MILE MARKER

PRE-DEVELOPED				
SUB BASIN	AREA (AC.)	CURVE NUMBER (CN)	TC (MIN.)	Q PEAK (100 YR.) (CFS)
I	9.54	49	33.9	17.35
II	8.54	49	34.7	15.31

POST DEVELOPED					
SUB BASIN	AREA (AC.)	CURVE NUMBER (CN)	TC (MIN.)	Q PEAK (100 YR.) (CFS)	POND Q 100 OUT (CFS)
I	9.54	59	22.7	34.17	16.32
II	8.54	59	21.4	31.47	14.31



24 x 36 Scale: 1" = 100'
 11 x 17 Scale: 1" = 200'



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0	10/25/19	ISSUED FOR INITIAL PERMIT SUBMITTAL	GCC	JRC	MKL

GULF POWER COMPANY		NORTH FLORIDA RESILIENCY CONNECTION	
SCALE: 1" = 200' DRAWN BY: GCC ENGINEER: MKL COUNTY: LEON SHEET 3 OF 5	DATE: 11/22/19 CHECKED BY: JRC SECTION: AS SHOWN FILE NAME: NFRC STAGING AREAS	STAGING AREA 6	

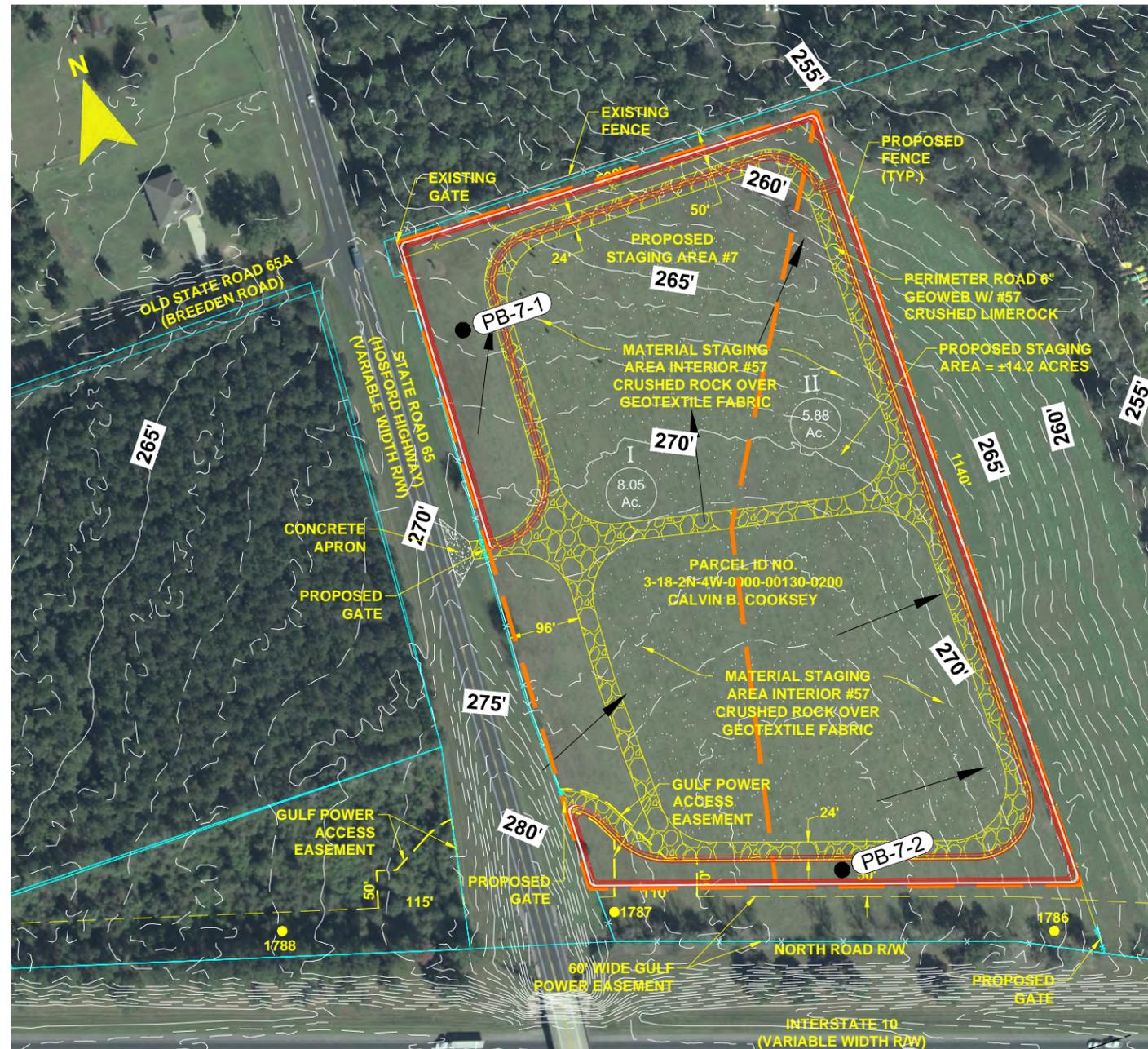
STAGING AREA 7 SITE DETAILS

TOTAL SITE AREA	± 4.14 ACRES
TOTAL SEMI-PERVIOUS AREA (NO. 57 CRUSHED ROCK)	± 4.14 ACRES
TOTAL VOLUME OF ROCK	± 4.14 ACRES @ 2000'
VOLUME OF ROCK VOIDS (APPROX @40% PERVIOUS)	± 4.14 ACRES @ 2000'
VOLUME OF FIRST 1" OF RAIN RUNOFF	± 4.14 ACRES @ 2000'
FACTOR OF SAFETY	

ADDRESS:

HOSFORD HIGHWAY
QUINCY, FL

PID: 3-18-2N-4W-0000-00130-0200



FLOOD ZONE NOTES:

- FLOOD ZONE INFORMATION BASED ON THE COLUMBIA COUNTY, FLORIDA FLOOD INSURANCE RATE MAPS:
MAP NUMBER 12039C0225C (DATED 02-04-09)
- APPLICABLE FLOOD ZONE DELINEATIONS PER THE ABOVE REFERENCED FLOOD INSURANCE RATE MAP ARE AS FOLLOWS:
ZONE X AREA OUTSIDE THE 100-YEAR FLOOD PLAIN

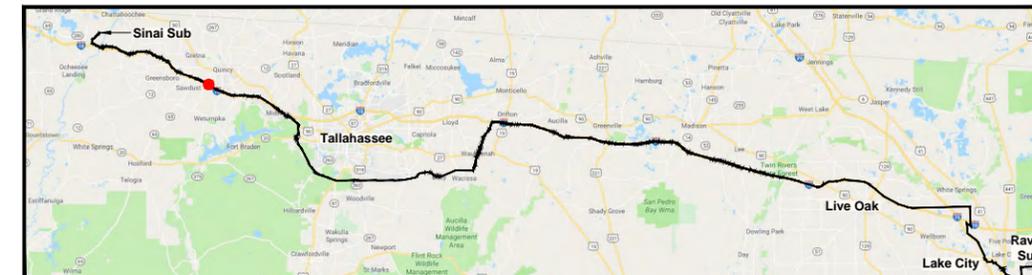
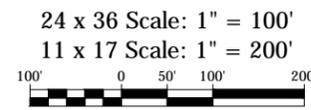
NOTES:

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- TEMPORARY MATTING CONFIGURATION BASED ON PLANS PREPARED BY PICKETT.

LEGEND	
	TEMPORARY MATTING
	LIMITS OF UPLAND CLEARING
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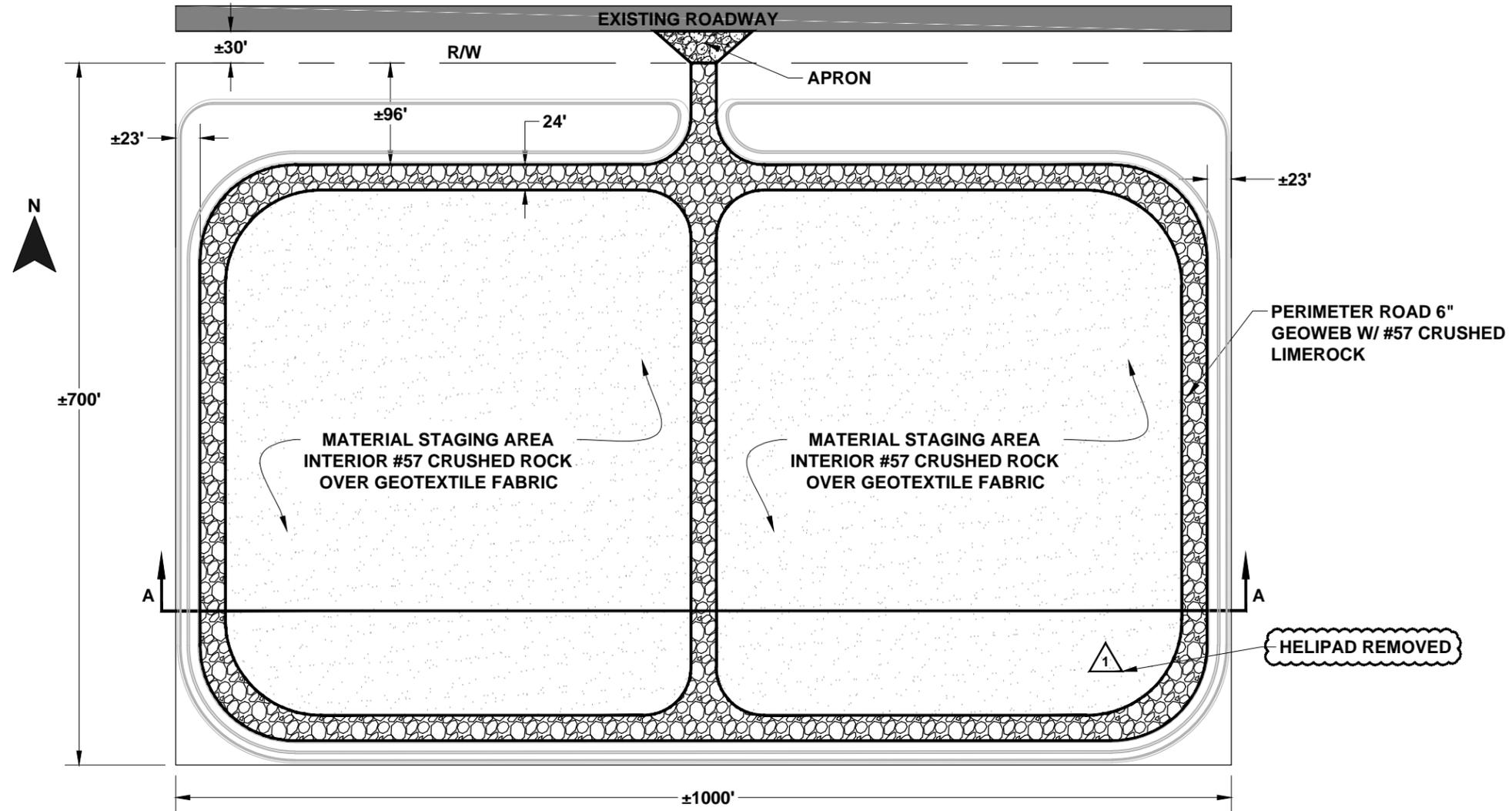
PRE-DEVELOPED				
SUB BASIN	AREA (AC.)	CURVE NUMBER (CN)	TC (MIN.)	Q PEAK (100 YR.) (CFS)
I	8.05	61	61.9	14.97
II	5.88	61	36.8	16.04

POST DEVELOPED					
SUB BASIN	AREA (AC.)	CURVE NUMBER (CN)	TC (MIN.)	Q PEAK (100 YR.) (CFS)	POND Q ₁₀₀ OUT (CFS)
I	8.05	71	35.1	28.98	14.01
II	5.88	73	21.8	30.13	15.1



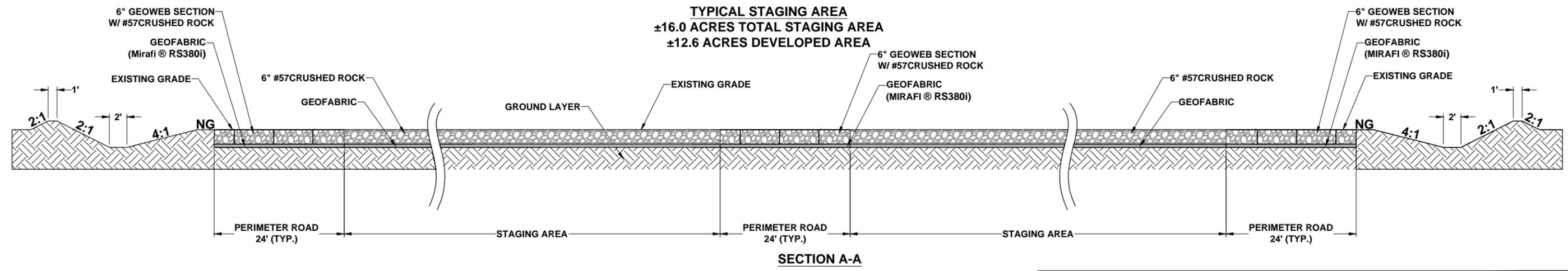
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GULF POWER COMPANY		NORTH FLORIDA RESILIENCY CONNECTION	
SCALE: 1" = 200'	DATE: 11/22/19		STAGING AREA 7
DRAWN BY: GCC	CHECKED BY: JRC		
ENGINEER: MKL	SECTION: AS SHOWN		
COUNTY: GADSDEN	FILE NAME: NFRC STAGING AREAS		
SHEET 4 OF 5			



NOTES:

1. PROPOSED STAGING AREAS ARE BASED UPON PROPOSED LAND NEGOTIATIONS. ACTUAL AREAS OBTAINED DURING FINAL NEGOTIATIONS MAY VARY.
2. ANY AREAS OBTAINED IN ADDITION TO OR IN LIEU OF THOSE IDENTIFIED, WILL UNDERGO A SIMILAR EVALUATION / VETTING RELATIVE TO AVOIDANCE OF ENVIRONMENTAL, CULTURAL, AND WILDLIFE HABITAT IMPACT.
3. LAYDOWN YARDS WILL CONFORM WITH ALL FEDERAL, STATE, AND LOCAL ORDINANCES AND REGULATIONS FOR LONG TERM STORAGE OF MATERIALS.
4. DELIVERIES AND ACTIVE USE OF LAYDOWN YARDS WILL BE CONSISTENT WITH CONSTRUCTION WORKING HOURS.
5. ALL PROPOSED SEMI-PERVIOUS MATERIALS WILL BE INSTALLED AT THE EXISTING NATURAL GROUND ELEVATION THROUGHOUT THE SITE TO PREVENT IMPEDANCE OF THE EXISTING WATERSHED.



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GULF POWER COMPANY		NORTH FLORIDA RESILIENCY CONNECTION	
SCALE: N.T.S. DRAWN BY: GCC ENGINEER: MKL COUNTY: N/A SHEET 5 OF 5	DATE: 11/22/19 CHECKED BY: JRC SECTION: AS SHOWN FILE NAME: NFRC STAGING AREAS		TYPICAL STAGING AREA