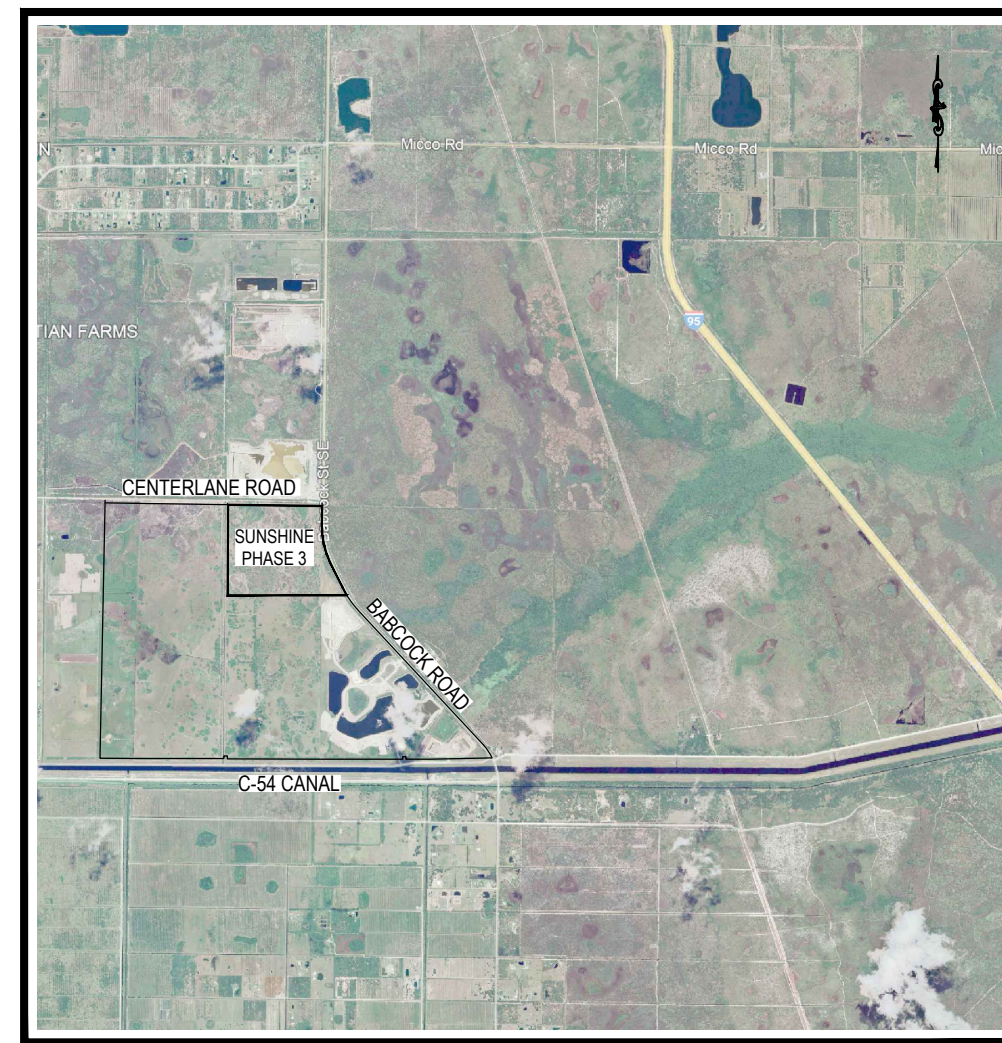


# PHASE 3 SUNSHINE STATE WILDLIFE CONSERVATION, LLC BREVARD COUNTY, FLORIDA



**LOCATION MAP**  
NOT TO SCALE

## SHEET INDEX

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C1	COVER SHEET
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**PANEL 0775G**

**FIRM  
FLOOD INSURANCE RATE MAP  
BREVARD COUNTY,  
FLORIDA  
AND INCORPORATED AREAS**

**PANEL 775 OF 825**  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

**CONTAINS:**

<b>COMMUNITY</b>	<b>NUMBER</b>	<b>PANEL</b>	<b>SUFFIX</b>
BREVARD COUNTY	125692	0775	G
PALM BAY, CITY OF	120404	0775	G

**MAP NUMBER  
12009C0775G**

**MAP REVISED  
MARCH 17, 2014**

Notice to User: The Map Number shown below should be used when placing map orders, the Community Number shown above should be used on insurance applications for the subject community.

**Federal Emergency Management Agency**

**PANEL 0780G**

**FIRM  
FLOOD INSURANCE RATE MAP  
BREVARD COUNTY,  
FLORIDA  
AND INCORPORATED AREAS**

**PANEL 780 OF 825**  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

**CONTAINS:**

<b>COMMUNITY</b>	<b>NUMBER</b>	<b>PANEL</b>	<b>SUFFIX</b>
BREVARD COUNTY	125692	0780	G
PALM BAY, CITY OF	120404	0780	G

**MAP NUMBER  
12009C0780G**

**MAP REVISED  
MARCH 17, 2014**

Notice to User: The Map Number shown below should be used when placing map orders, the Community Number shown above should be used on insurance applications for the subject community.

**Federal Emergency Management Agency**

### LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99** Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

**ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

**ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.  
**ZONE D** Areas in which flood hazards are undetermined, but possible.

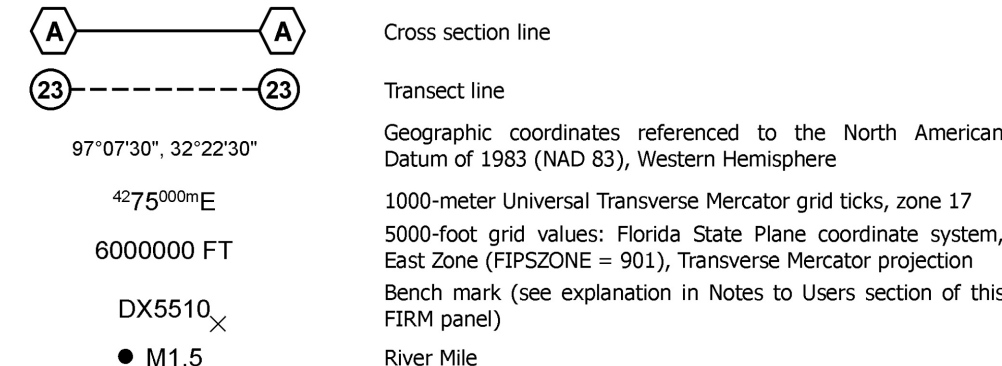
COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, Flood depths, or flood velocities
- Base Flood Elevation line and value; elevation in feet\*
- Base Flood Elevation value where uniform within zone; elevation in feet\*

\* Referenced to the North American Vertical Datum of 1988



**MAP REPOSITORIES**  
Refer to Map Repositories List on Map Index

**EFFECTIVE DATE OF COUNTY-WIDE FLOOD INSURANCE RATE MAP**  
April 3, 1989

**EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL**  
March 17, 2014 - to update corporate limits, to add Special Flood Hazard Areas, to change Special Flood Hazard Areas, to update roads and road names, to reflect updated topographic information, to incorporate previously issued Letters of Map Revision, and to change zone designations.

### DESCRIPTION

A PARCEL OF LAND LYING IN A PORTION OF SECTIONS 27 AND 28, TOWNSHIP 30 SOUTH, RANGE 37 EAST, BREVARD COUNTY FLORIDA. SAID PARCEL LYING WITHIN THE PROPERTY CONVEYED BY FELLSMERE FARMS COMPANY, A FLORIDA GENERAL PARTNERSHIP, TO BERNARD A. EGAN AS DESCRIBED AND RECORDED IN SPECIAL WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 2950, PAGE 2812, PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA; SAID PARCEL BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF SECTION 21, TOWNSHIP 30 SOUTH, RANGE 37 EAST; THENCE SOUTH 00°23'58" WEST, ALONG THE EAST LINE OF SAID SECTION 21, A DISTANCE OF 5386.73 FEET, TO THE SOUTHEAST CORNER OF SAID SECTION 21, ALSO BEING THE NORTHEAST CORNER OF SECTION 28, TOWNSHIP 30 SOUTH, RANGE 37 EAST; THENCE SOUTH 00°20'50" WEST, ALONG THE EAST LINE OF SAID SECTION 28, A DISTANCE OF 2533.47 FEET; THENCE NORTH 89°11'10" WEST, A DISTANCE OF 50 FEET, TO A POINT OF INTERSECTION WITH THE WESTERLY RIGHT OF WAY LINE OF BABCOCK STREET, AND THE CENTERLINE OF CENTERLANE ROAD (A 150 FOOT WIDE RIGHT OF WAY RECORDED IN OFFICIAL RECORDS BOOK 3112, PAGE 568, PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA); THENCE SOUTH 00°21'40" WEST, ALONG THE WESTERLY RIGHT OF WAY LINE, OF BABCOCK STREET, A DISTANCE OF 75.00 FEET, TO A POINT OF INTERSECTION WITH THE SOUTHERLY RIGHT OF WAY LINE OF SAID CENTERLANE ROAD AND THE POINT OF BEGINNING OF THE FOLLOWING DESCRIBED PARCEL. THENCE CONTINUE ALONG THE WESTERLY RIGHT OF WAY LINE OF BABCOCK STREET, THE FOLLOWING 4 COURSES; THENCE SOUTH 00°21'40" WEST, A DISTANCE OF 599.59 FEET, TO A NON TANGENT INTERSECTION WITH A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 2437.99 FEET, A CHORD BEARING OF SOUTH 12°58'40" EAST, A CHORD DISTANCE OF 1123.33 FEET AND A CENTRAL ANGLE OF 26°38'20", THENCE SOUTHEASTERLY ALONG THE ARC OF SAID CURVE AN ARC DISTANCE OF 1133.51 FEET, TO A POINT OF TANGENCY; THENCE SOUTH 26°17'50" EAST, A DISTANCE OF 819.92 FEET, TO A NON TANGENT INTERSECTION WITH A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 2888.33 FEET, A CHORD BEARING OF SOUTH 29°00'49" EAST, A CHORD DISTANCE OF 277.76 FEET AND A CENTRAL ANGLE OF 5°30'43", THENCE SOUTHEASTERLY ALONG THE ARC OF SAID CURVE AN ARC DISTANCE OF 277.87 FEET, TO A NON RADIAL INTERSECTION AND THE SOUTH LINE OF SECTION 27, TOWNSHIP 30 SOUTH, RANGE 37 EAST; THENCE DEPARTING SAID WESTERLY RIGHT OF WAY LINE, ALONG THE SOUTH LINE OF SAID SECTION 27, NORTH 90°00'00" WEST, A DISTANCE OF 713.25 FEET, TO THE SOUTHWEST CORNER OF SAID SECTION 27, ALSO BEING THE SOUTHWEST CORNER OF SECTION 28; THENCE CONTINUE NORTH 90°00'00" WEST, A DISTANCE OF 2853.44 FEET; THENCE NORTH 00°21'49" EAST, A DISTANCE OF 2712.06 FEET, TO THE SOUTHERLY RIGHT OF WAY LINE OF SAID CENTERLANE ROAD; THENCE SOUTH 89°11'10" EAST, A DISTANCE OF 2803.30 FEET, RETURNING TO THE POINT OF BEGINNING.  
SAID PARCEL CONTAINS 186.75 ACRES, MORE OR LESS.

### NOTES

- THE PROPERTY FOR PROJECT 3, CONTAINS 186.72 ACRES, MORE OR LESS.
- THE WETLANDS SHOWN HEREON WERE FIELD DELINEATED BY ERIC MULDOWNY, E-REG CONSULTING, LLC ON JULY 9, 2025 AND LOCATED AND MAPPED BY BLUE GOOSE SURVEY & DESIGN, LLC. THE WETLANDS SHOWN HEREON WERE SITE INSPECTED AN APPROVED BY JUSTIN DAHL WITH ST. JOHNS RIVER WATER CONTROL DISTRICT ON JANUARY 8, 2026.
- DESCRIPTION SHOWN HEREON PROVIDED BY THE CLIENT AND/OR THEIR AGENT.
- LANDS SHOWN HEREON WERE NOT ABSTRACTED BY THIS OFFICE FOR RIGHTS-OF-WAY, EASEMENTS OF RECORD, OWNERSHIP, ABANDONMENTS, DEED RESTRICTIONS, OR MURPHY ACT DEEDS. THIS INFORMATION SHOULD BE OBTAINED THROUGH APPROPRIATE TITLE VERIFICATION.
- THIS PROPERTY IS CURRENTLY WOODED AND BEING USED FOR AGRICULTURE PURPOSES.
- BY GRAPHIC PLOTTING ONLY SAID DESCRIBED PROPERTY IS LOCATED WITHIN AN AREAS HAVING FLOOD ZONE DESIGNATIONS "AE" & "X". WITH A BASE FLOOD ELEVATION OF 23 FEET, BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988, BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (F.E.M.A.), ON FLOOD INSURANCE RATE MAPS No. 12009C0780G AND 12009C0775G, BOTH WITH DATES OF IDENTIFICATION OF MARCH 17, 2014, FOR COMMUNITY NUMBER 125092, IN BREVARD COUNTY, FLORIDA.
- THE TOPOGRAPHIC DATA SHOWN HEREON IS BASED ON A TOPOGRAPHIC SURVEY PERFORMED BY JEFF L. HARTLEY (PSM 5716) DATED JUNE 6, 2011, AND IS IN THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29) AND IS IN U.S. SURVEY FEET.
- TO CONVERT NGVD 29 DATA TO NAVD 88, SUBTRACT A FACTOR OF 1.384. THE CONVERSION FACTOR WAS DERIVED USING THE U.S. ARMY CORPS OF ENGINEERS PROGRAM CORPSCON VERSION 6.0.1.
- THE TREES SHOWN HEREON BASED ON A BOUNDARY AND TREE QUANTITY SURVEY, PERFORMED BY BLUE GOOSE SURVEY & DESIGN LLC, PROJECT NUMBER 1686, DATED 09/20/25.
- ALL PUMPED DISCHARGES DURING DE-WATERING OF THE PITS SHALL BE DISCHARGED TO RECHARGE DITCHES.
- THE DE-WATERING PLAN SHALL BE IN ACCORDANCE WITH THE PERMITTED DE-WATERING PLAN.
- IN SOME INSTANCES GRAPHIC REPRESENTATIONS AND SYMBOLS SHOWN HAVE BEEN EXAGGERATED TO MORE CLEARLY ILLUSTRATE THE RELATIONSHIP BETWEEN PHYSICAL IMPROVEMENTS.
- HAUL ROADS SHALL BE CONSTRUCTED WITH ROAD SIDE SWALES. TYPICAL ROAD WILL BE ELEVATION 25.0 FEET, NGVD 1929.
- TOP OF BANK OF PROPOSED PITS WILL BE ELEVATION 24.0, NGVD 1929.
- NO CONSTRUCTION WILL OCCUR IN THE 150 FOOT WIDE SETBACK ALONG THE WESTERLY RIGHT-OF-WAY LINE OF BABCOCK STREET OR THE 150 FOOT WIDE SETBACK ALONG CENTERLANE ROAD.
- NO BLASTING IS PROPOSED OR AUTHORIZED FOR MINE EXCAVATION.
- THE AVERAGE NUMBER OF TRUCK TRIPS PER WORKING DAY IS ESTIMATED AT 260 TRUCKS PER DAY. THE ESTIMATED MAXIMUM NUMBER OF TRUCK TRIPS IN A SINGLE DAY IS 400 TRUCKS.
- HOURS OF OPERATION ARE 6:30 AM TO 5:00 PM.
- ALL PHASE 3, STOCK PILING OF MATERIAL AND PROCESSING OF MATERIAL SHALL OCCUR IN PHASE 1 OR PHASE 2 AREAS.

### SEQUENCE OF CONSTRUCTION FOR DE-WATERING

- CONSTRUCT PHASE 3 PIT 2 RECHARGE DITCH.
- INSTALL RISER #2 IN RECHARGE DITCH AND CONNECT TO EXISTING PIT 1 (PHASE 2 COMPLETED).
- CONSTRUCT ALL CONNECTIONS BETWEEN THE FOUR STORAGE LAKES LOCATED IN PHASE 1 AND 2. THE STORAGE LAKES INCLUDE PIT 1 EXISTING, PIT 7 EXISTING, PIT 5 EXISTING, AND PIT 4 EXISTING.
- INSTALL RISER #3 LOCATED ON THE EAST SIDE OF PIT 4 EXISTING. CONNECT DISCHARGE OVER RISER #3 TO THE BABCOCK STREET DITCH.
- YEAR 1 OF DEWATERING USING A 6 INCH PUMP. DEWATER AND EXCAVATE PHASE 3 PIT 2. PUMP TO THE PIT 2 RECHARGE DITCH, WHICH THEN DISCHARGES TO THE FOUR CONNECTED STORAGE LAKES AND OVERFLOWS THROUGH RISER #3 TO THE BABCOCK STREET DITCH. ESTIMATED TIME FOR EXCAVATION IS 1.0 YEARS.
- CONSTRUCT PHASE 3 PIT 1/PIT 3 RECHARGE DITCH.
- INSTALL RISER #1 IN THE PIT 1/PIT 3 RECHARGE DITCH.
- YEAR 2 OF DEWATERING USING A 6 INCH PUMP. DEWATER AND EXCAVATE PHASE 3 PIT 1 WITH DEWATERING DISCHARGE TO THE PIT 1/PIT 3 RECHARGE DITCH. OVERFLOW OUT OF THE RECHARGE DITCH IS THROUGH RISER #1 TO THE FOUR CONNECTED STORAGE LAKES. THE FOUR STORAGE LAKES DISCHARGE TO THE BABCOCK STREET DITCH THROUGH RISER #3. ESTIMATED TIME FOR EXCAVATION IS 1.0 YEARS.
- YEAR 3 AND 4 OF DEWATERING USING A 14 INCH PUMP. YEAR 3 - DEWATER AND EXCAVATE PHASE 3 PIT 3 WITH DEWATERING DISCHARGE TO THE PIT 1/PIT 3 RECHARGE DITCH. DISCHARGE FROM THE RECHARGE DITCH TO THE COMPLETED PHASE 3 PIT 2 MINING CELL. IT IS ESTIMATED THAT IT WILL TAKE APPROXIMATELY 60 DAYS TO FILL THE PHASE 3 PIT 2 MINING CELL. ONCE THE PHASE 3 PIT 2 CELL IS FILLED WITH WATER, DISCHARGE WILL BE TO THE FOUR STORAGE LAKES WITH EVENTUAL DISCHARGE TO THE BABCOCK STREET DITCH. YEAR 4 - CONTINUE DEWATERING TO THE RECHARGE DITCH AND CONNECT DISCHARGE TO COMPLETED PHASE 3 PIT 1 MINING CELL. IT IS ESTIMATED THAT IT WILL TAKE APPROXIMATELY 60 DAYS TO FILL PHASE 3 PIT 1 MINING CELL. ONCE PHASE 3 PIT 1 CELL IS FILLED WITH WATER, DISCHARGE WILL BE TO THE FOUR STORAGE LAKES WITH EVENTUAL DISCHARGE TO THE BABCOCK STREET DITCH.

### SEQUENCE OF CONSTRUCTION

- PIT 2
- PIT 1
- PIT 3

NO.	DESCRIPTION	DATE
1	ADDED NOTES & ROCK CRUSHING AREA	12/15/2025
2	ADDED NOTES	1/12/2026
3	ADDED ADDITIONAL RECHARGE DITCHES & CROSS SECTIONS	2/10/2026
4	REVISED TO ADDRESS COUNTIES CLIP COMMENTS	4/27/2026

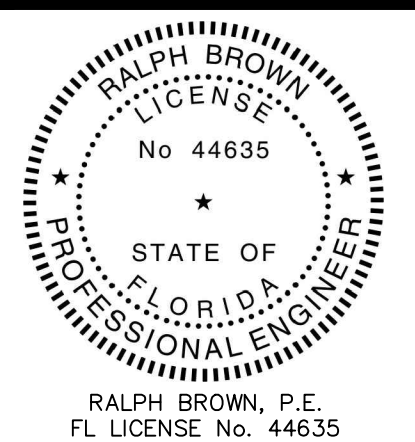
#### REVISIONS

**BLUE GOOSE SURVEY &  
DESIGN LLC**  
1900 NORTH OLD DIXIE HIGHWAY  
FORT PIERCE, FLORIDA 34946  
Phone: 772.465.7555

PROFESSIONAL SURVEYOR & MAPPER BUSINESS LICENSE LB8630

**SUNSHINE PHASE 3  
COVER SHEET**

PROJECT No.: 1686



JOB No.: 1686

FILE: Sunshine Mine Ph3 Site Plan R5 BC.dwg

SCALE: N/A

**C1**  
SHEET No.



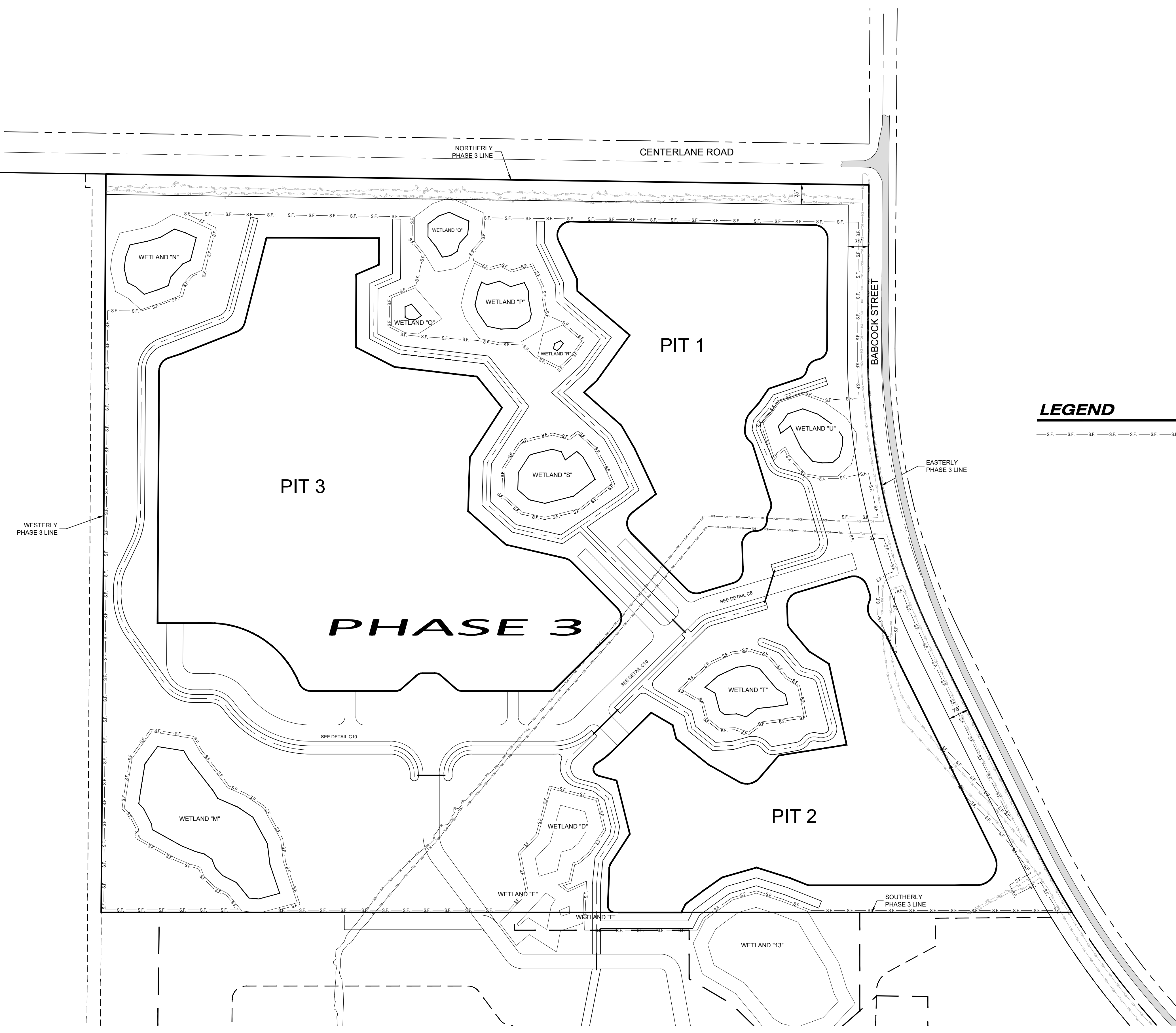
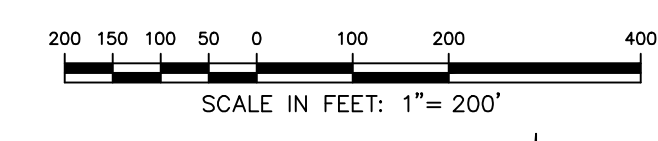
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DESIGN LLC**  
1900 NORTH OLD DIXIE HIGHWAY  
FORT PIERCE, FLORIDA 34946  
Phone: 772.465.7555

PROFESSIONAL SURVEYOR & MAPPER BUSINESS LICENSE LB8630

Digitally signed  
by RALPH E  
BROWN  
Date: 2026.04.28  
07:36:45 -0400

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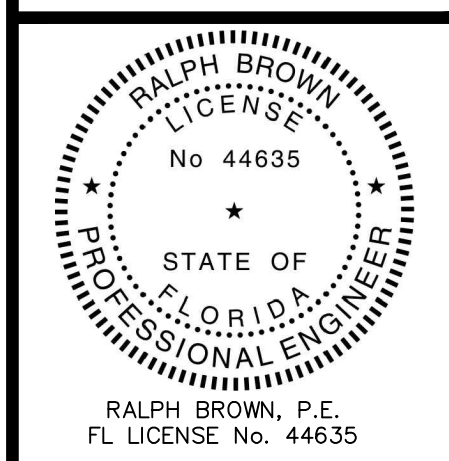
NO.	DESCRIPTION	DATE
1	ADDED NOTES & ROCK CRUSHING AREA	12/15/2025
2	ADDED NOTES	11/22/2026
3	ADDED ADDITIONAL RECHARGE DITCHES & CROSS SECTIONS	2/10/2026
4	REVISED TO ADDRESS COUNTIES CLIP COMMENTS	4/27/2026

REVISIONS	

**BLUE GOOSE SURVEY & DESIGN LLC**  
 1900 NORTH OLD DIXIE HIGHWAY  
 FORT PIERCE, FLORIDA 34946  
 Phone: 772.465.7555  
 PROFESSIONAL SURVEYOR & MAPPER BUSINESS LICENSE LB8630

**SUNSHINE PHASE 3**  
**STORM WATER POLLUTION PLAN**

PROJECT No.: 1686



JOB No.: 1686

FILE: Sunshine Mine Ph3 Site Plan R5 BC.dwg

SCALE: 1" = 200'

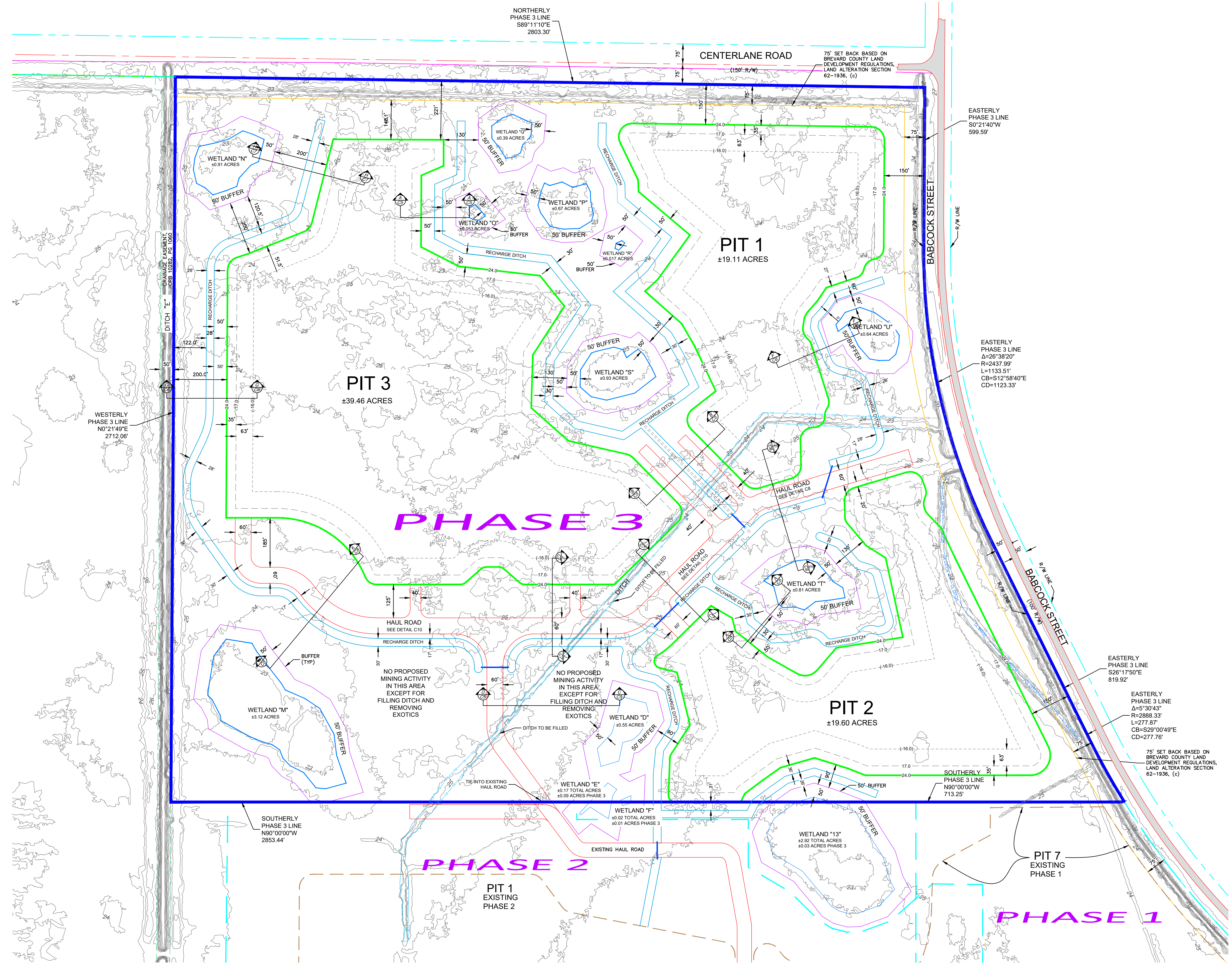
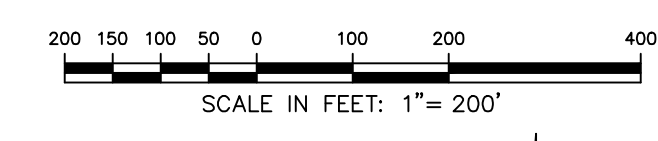
**C2**  
SHEET No.

**Blue Goose Survey & Design LLC**  
 1900 Old Dixie Hwy  
 Fort Pierce, FL 34946  
 772-465-7555

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**RALPH E BROWN** Digitally signed by RALPH E BROWN  
 Date: 2026.04.28 07:37:23 -04'00'  
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**ACREAGE**

PHASE 3 = ±186.72 ACRES

**NOTES**

1. ALL PUMPED DISCHARGES DURING DE-WATERING OF PITS SHALL BE DISCHARGED TO RECHARGE DITCHES.
2. ALL DE-WATERING SHALL BE IN ACCORDANCE WITH THE PERMITS DE-WATERING PLAN.
3. IN SOME INSTANCES, GRAPHIC REPRESENTATIONS AND SYMBOLS SHOWN HAVE BEEN EXAGGERATED TO MORE CLEARLY ILLUSTRATE THE RELATIONSHIP BETWEEN PHYSICAL IMPROVEMENTS AND/OR LOT LINES. THE DIMENSIONS SHOWN SHALL CONTROL THE LOCATION, OF THE IMPROVEMENTS, OVER THE SCALED POSITIONS.
4. ELEVATIONS SHOWN HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929. (NGVD 29)
5. THE CONTOURS SHOWN HEREON ARE BASED ON AN AERIAL TOPOGRAPHIC SURVEY USING LIDAR AND FLOW IN 2011.
6. LANDS SHOWN HEREON WERE NOT ABSTRACTED BY THIS OFFICE FOR RIGHTS-OF-WAY, EASEMENTS OF RECORD, OWNERSHIP, ABANDONMENTS, DEED RESTRICTIONS, OR MURPHY ACT DEEDS. THIS INFORMATION SHOULD BE OBTAINED THROUGH APPROPRIATE TITLE VERIFICATION.
7. THE WETLANDS SHOWN HEREON WERE FIELD DELINEATED BY ERIC MULDOWNY, E-REG CONSULTING, LLC ON JULY 9, 2025 AND LOCATED AND MAPPED BY BLUE GOOSE SURVEY & DESIGN, LLC. THE WETLANDS SHOWN HEREON WERE SITE INSPECTED AND APPROVED BY JUSTIN DAHL WITH ST. JOHNS RIVER WATER CONTROL DISTRICT ON JANUARY 8, 2026.
8. HAUL ROADS SHALL BE CONSTRUCTED WITH ROAD SIDE SWALES.
9. NO CONSTRUCTION WILL OCCUR IN THE 150 FOOT WIDE SETBACK ALONG THE WESTERLY RIGHT-OF-WAY LINE OF BABCOCK STREET OR THE 150 FOOT WIDE SETBACK ALONG CENTERLANE ROAD.

**LEGEND**

R/W	RIGHT-OF-WAY
ORB	OFFICIAL RECORDS BOOK
TYP	TYPICAL
NGVD	NATIONAL GEODETIC VERTICAL DATUM
NAVOD	NORTH AMERICAN VERTICAL DATUM
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY
CMP	CORRUGATED METAL PIPE
ELEV	ELEVATION
DBH	DIAMETER AT BREAST HEIGHT
CMP	CORRUGATED METAL PIPE
LF	LINEAR FEET
TOB	TOP OF BANK

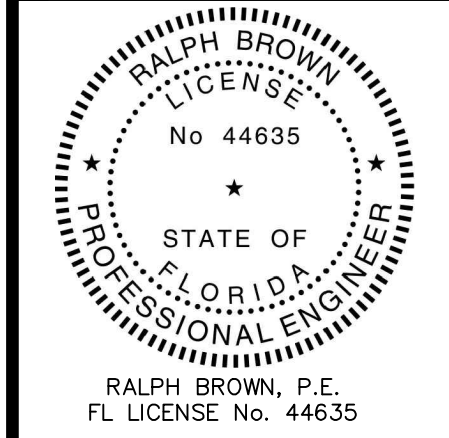
NO.	DESCRIPTION	DATE
1	ADDED NOTES & ROCK CRUSHING AREA	12/15/2025
2	ADDED NOTES	11/2/2026
3	ADDED ADDITIONAL RECHARGE DITCHES & CROSS SECTIONS	2/10/2026
4	REVISED TO ADDRESS COUNTIES CIP COMMENTS	4/27/2026

REVISIONS

**BLUE GOOSE SURVEY & DESIGN LLC**  
 1900 NORTH OLD DIXIE HIGHWAY  
 FORT PIERCE, FLORIDA 34946  
 Phone: 772.465.7555  
 PROFESSIONAL SURVEYOR & MAPPER BUSINESS LICENSE LB8630

**SUNSHINE PHASE 3**  
 SITE PLAN & TOPOGRAPHIC PLAN

PROJECT No.: 1686



JOB No.: 1686

FILE: Sunshine Mine Ph3 Site Plan RS BC.dwg

SCALE: 1" = 200'

**C3**  
 SHEET No.

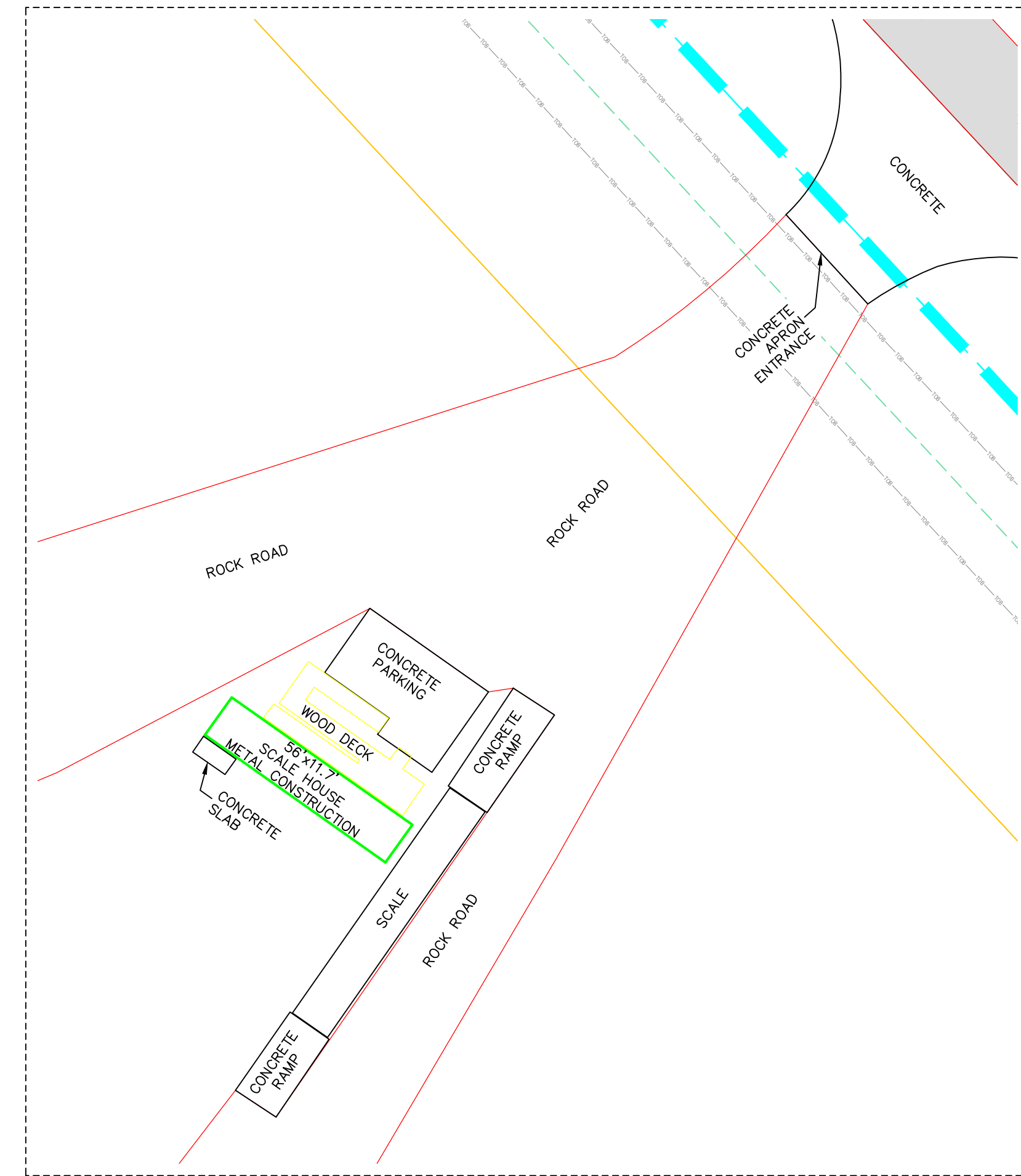
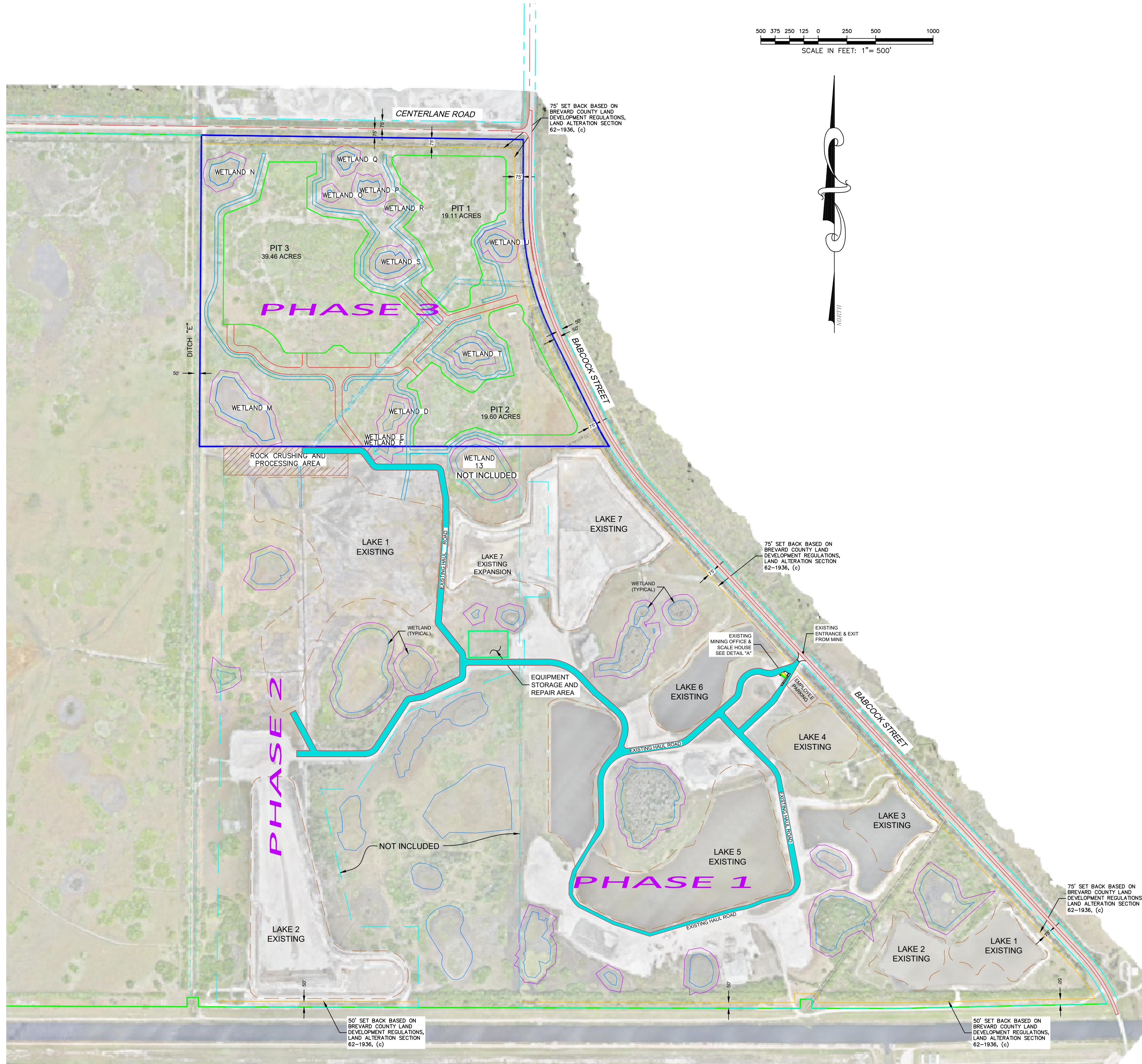
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Digitally signed by **RALPH E BROWN**  
 Date: 2026.04.28 07:37:51 -04'00'

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**NOTES**

1. THE AERIAL PHOTOGRAPH SHOWN HEREON WAS FLOWN ON DECEMBER 8, 2023.
2. ENTRANCE AND EXIT FROM THE MINE SHALL UTILIZE THE EXISTING DRIVEWAY CONNECTING TO BABCOCK STREET. PHASE 3 MINING SHALL BE ACCESSED USING EXISTING HAUL ROADS CONSTRUCTED DURING PHASES 1 AND 2.
3. NO BLASTING IS PROPOSED OR AUTHORIZED FOR MINE EXCAVATION.
4. THE AVERAGE NUMBER OF TRUCK TRIPS PER WORKING DAY IS ESTIMATED AT 260 TRUCKS PER DAY. THE ESTIMATED MAXIMUM NUMBER OF TRUCK TRIPS IN A SINGLE DAY IS 400 TRUCKS.
5. HOURS OF OPERATION ARE 6:30 AM TO 5:00 PM.
6. ALL PHASE 3, STOCK PILING OF MATERIAL AND PROCESSING OF MATERIAL SHALL OCCUR IN PHASE 1 OR PHASE 2 AREAS.

**LEGEND**

R/W	RIGHT-OF-WAY		
ORB	OFFICIAL RECORDS BOOK		
TYP	TYPICAL		
NAVD	NATIONAL GEODETIC VERTICAL DATUM		
NAVD	NORTH AMERICAN VERTICAL DATUM		
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY		
CMP	CORRUGATED METAL PIPE		
ELEV	ELEVATION		
DBH	DIAMETER AT BREST HEIGHT		
CMP	CORRUGATED METAL PIPE		
LF	LINEAR FEET		
TOB	TOP OF BANK		
			ROCK CRUSHING & PROCESSING AREA
			ACCESS ROUTE TO PHASE 3

**BLUE GOOSE SURVEY & DESIGN LLC**  
 1900 Old Dixie Hwy  
 Fort Pierce, FL 34946  
 772-465-7555

Always call 811 two full business days before you dig.  
**Sunshine 811.com**

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**RALPH E BROWN**  
 Date: 2026.04.28 07:38:18 -04'00'

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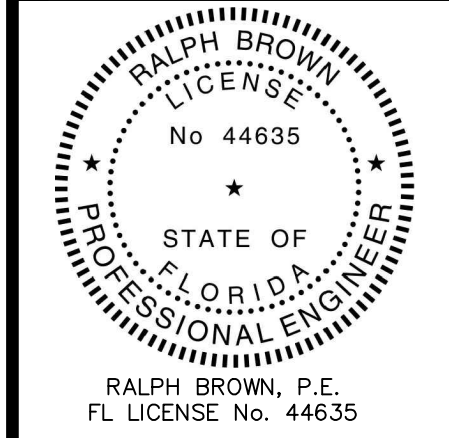
NO.	DESCRIPTION	DATE
1	ADDED NOTES & ROCK CRUSHING AREA	12/15/2025
2	ADDED NOTES	1/12/2026
3	ADDED ADDITIONAL RECHARGE DITCHES & CROSS SECTIONS	2/10/2026
4	REVISED TO ADDRESS COUNTIES CLIP COMMENTS	4/27/2026

REVISIONS

**BLUE GOOSE SURVEY & DESIGN LLC**  
 1900 NORTH OLD DIXIE HIGHWAY  
 FORT PIERCE, FLORIDA 34946  
 Phone: 772.465.7555  
 PROFESSIONAL SURVEYOR & MAPPER BUSINESS LICENSE LB8630

**SUNSHINE PHASE 3  
 BREVARD COUNTY CONDITIONAL  
 USE PERMIT PLAN**

PROJECT No.: 1686

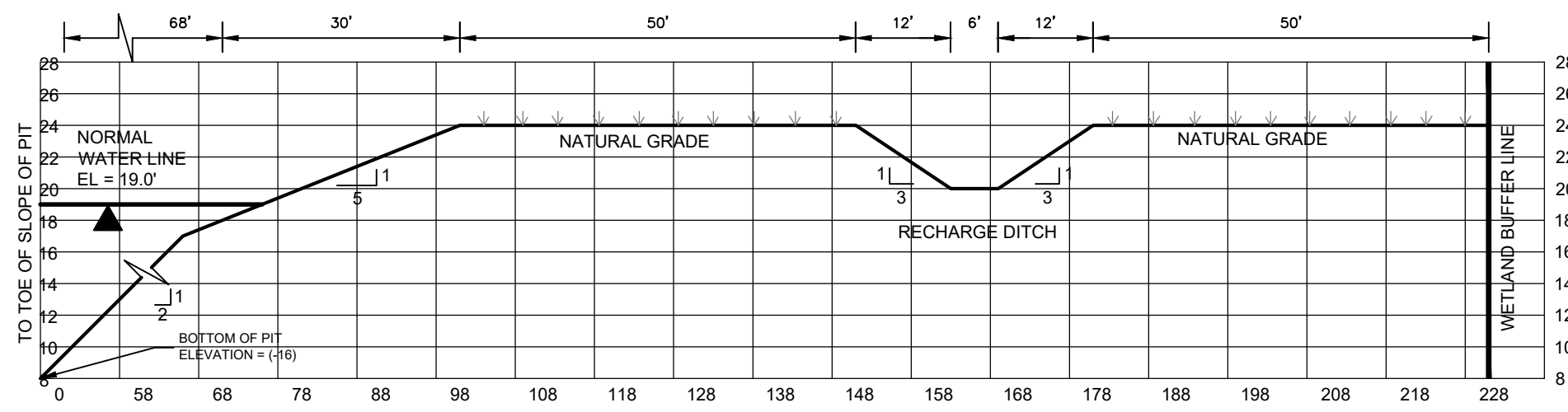


JOB No.: 1686

FILE: Sunshine Mine Ph3 Site Plan RS BC.dwg

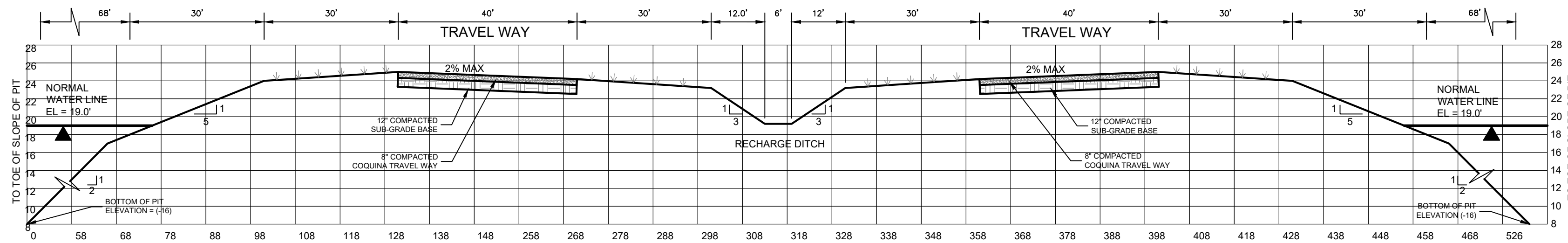
SCALE: 1" = 500'

**C4**  
 SHEET No.



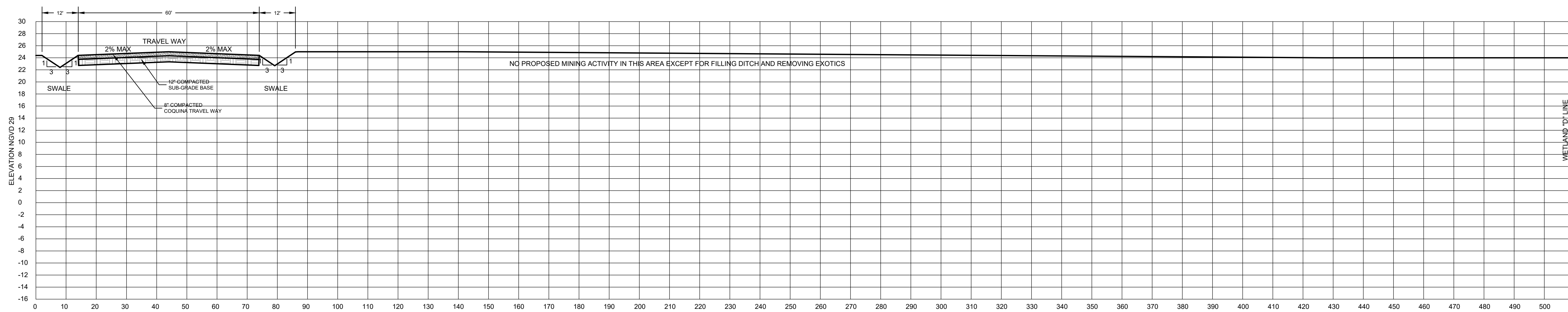
**A**  
**C3** **RECHARGE DITCH CROSS SECTION**

H: 1" = 20'  
V: 1" = 10'



**B**  
**C3** **TYPICAL ROADWAY & RECHARGE DITCH SECTION**

H: 1" = 20'  
V: 1" = 10'



**C**  
**C3** **TYPICAL ROADWAY SECTION**

H: 1" = 20'  
V: 1" = 10'

**NOTES**

1. THE TOPOGRAPHIC DATA SHOWN HEREON IS BASED ON A TOPOGRAPHIC SURVEY PERFORMED BY JEFF L. HARTLEY (PSM 5716) DATED JUNE 6, 2011, AND IS IN THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29) AND IS IN U.S. SURVEY FEET.
2. DATA SHOWN HEREON BASED ON NGVD 1929.
3. TO CONVERT NGVD 29 DATA TO NAVD 88, SUBTRACT A FACTOR OF 1.394. THE CONVERSION FACTOR WAS DERIVED USING THE U.S. ARMY CORPS OF ENGINEERS PROGRAM CORPSCON VERSION 6.0.1.
4. HAUL ROADS SHALL BE CONSTRUCTED WITH ROAD SIDE SWALES. TYPICAL ROADS WILL BE ELEVATION 25.0 FEET, NGVD 1929.
5. TOP OF BANK OF PROPOSED PITS WILL BE ELEVATION 24.0, NGVD 1929.

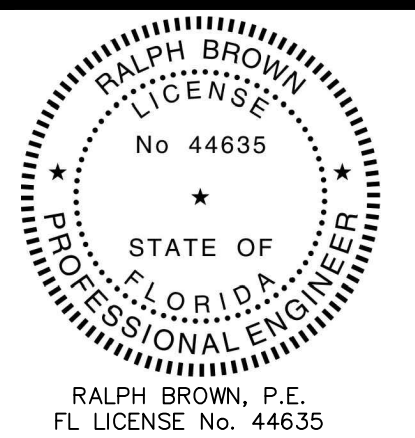
NO.	DESCRIPTION	DATE
1	REVISED DE-WATERING PLAN	12/29/2025
2	SEQUENCE FOR DE-WATERING PLAN NOTES	12/16/2025
3	ADDED ADDITIONAL RECHARGE DITCHES & CROSS SECTIONS	2/10/2026
4	REVISED TO ADDRESS COUNTIES CUP COMMENTS	4/27/2026

REVISIONS

**BLUE GOOSE SURVEY & DESIGN LLC**  
1900 NORTH OLD DIXIE HIGHWAY  
FORT PIERCE, FLORIDA 34946  
Phone: 772.465.7555  
PROFESSIONAL SURVEYOR & MAPPER BUSINESS LICENSE LB8630

**SUNSHINE PHASE 3**  
**CROSS SECTIONS**

PROJECT No.: 1686



Digitally signed by **RALPH E BROWN**  
Date: 2026.04.28 07:38:52 -04'00'

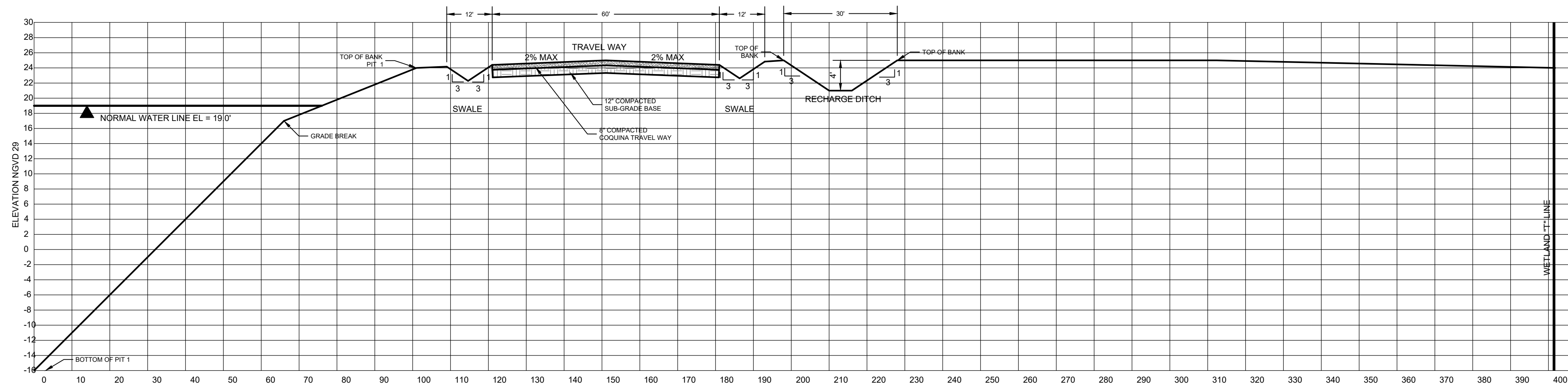
JOB No.: 1686  
FILE: Sunshine Mine Ph3 Site Plan R5 BC.dwg  
SCALE: N/A

**C5**  
SHEET No.

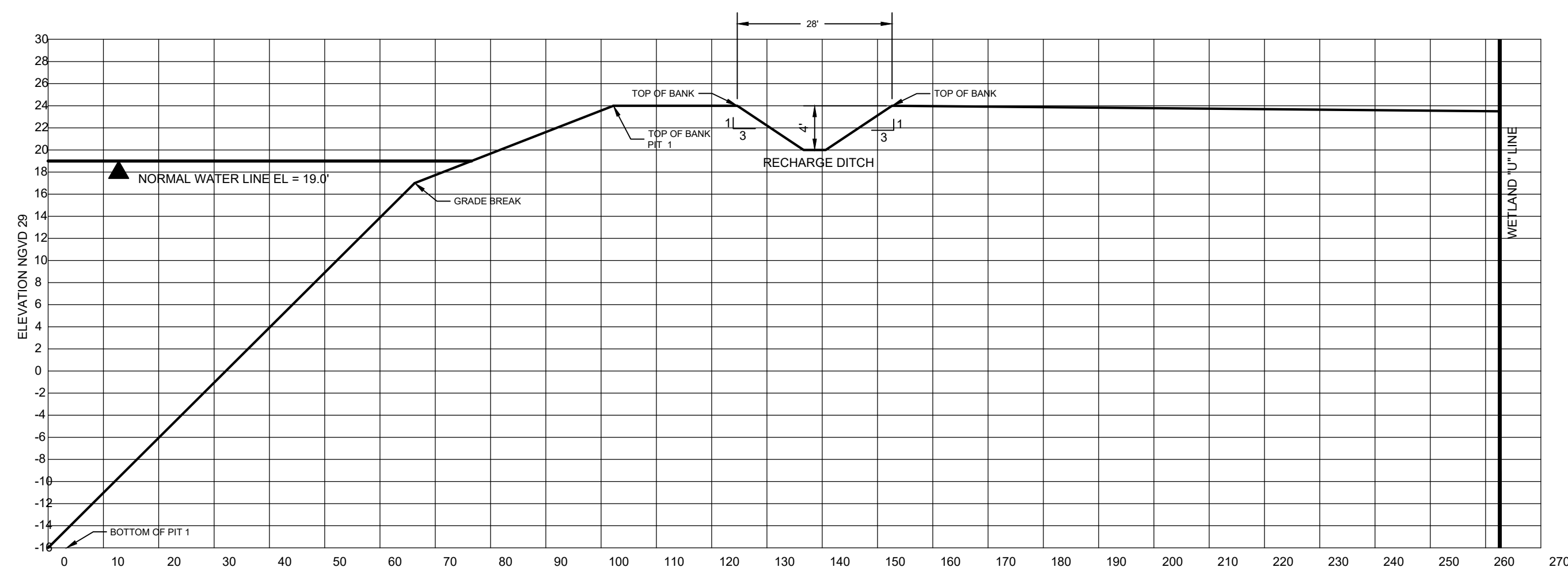


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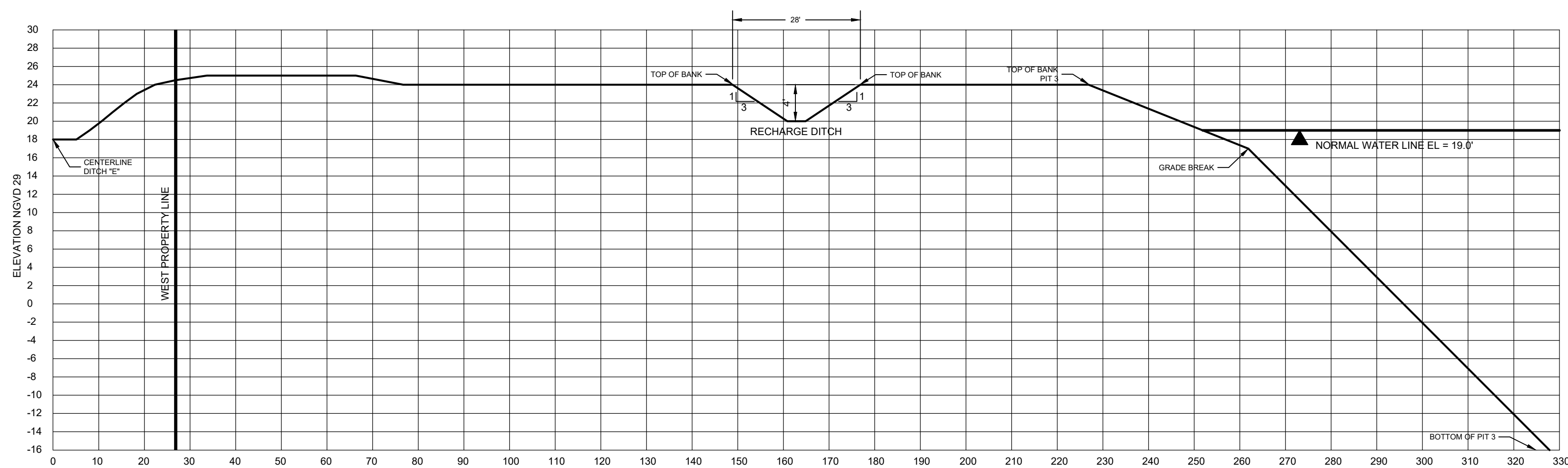
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**E**  
**C3** **TYPICAL ROADWAY & RECHARGE DITCH SECTION**  
H: 1" = 20'  
V: 1" = 10'



**F**  
**C3** **TYPICAL RECHARGE DITCH SECTION**  
H: 1" = 20'  
V: 1" = 10'



**G**  
**C3** **TYPICAL RECHARGE DITCH SECTION**  
H: 1" = 20'  
V: 1" = 10'

**NOTES**

1. THE TOPOGRAPHIC DATA SHOWN HEREON IS BASED ON A TOPOGRAPHIC SURVEY PERFORMED BY JEFF L. HARTLEY (PSM 5716) DATED JUNE 6, 2011, AND IS IN THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29) AND IS IN U.S. SURVEY FEET.
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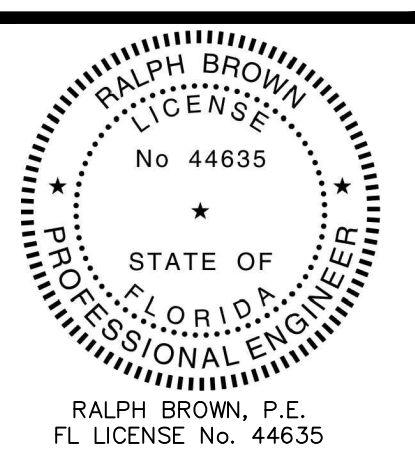
NO.	DESCRIPTION	DATE
1	REVISED DE-WATERING PLAN	12/6/2025
2	SEQUENCE FOR DE-WATERING PLAN NOTES	12/16/2025
3	ADDED ADDITIONAL RECHARGE DITCHES & CROSS SECTIONS	2/10/2026
4	REVISED TO ADDRESS COUNTIES CUP COMMENTS	4/27/2026

REVISIONS

**BLUE GOOSE SURVEY & DESIGN LLC**  
1900 NORTH OLD DIXIE HIGHWAY  
FORT PIERCE, FLORIDA 34946  
Phone: 772.465.7555  
PROFESSIONAL SURVEYOR & MAPPER BUSINESS LICENSE LB8630

**SUNSHINE PHASE 3**  
**CROSS SECTIONS**

PROJECT No.: 1686



JOB No.: 1686  
FILE: Sunshine Mine Ph3 Site Plan R5 BC.dwg

SCALE: N/A

**C6**  
SHEET No.

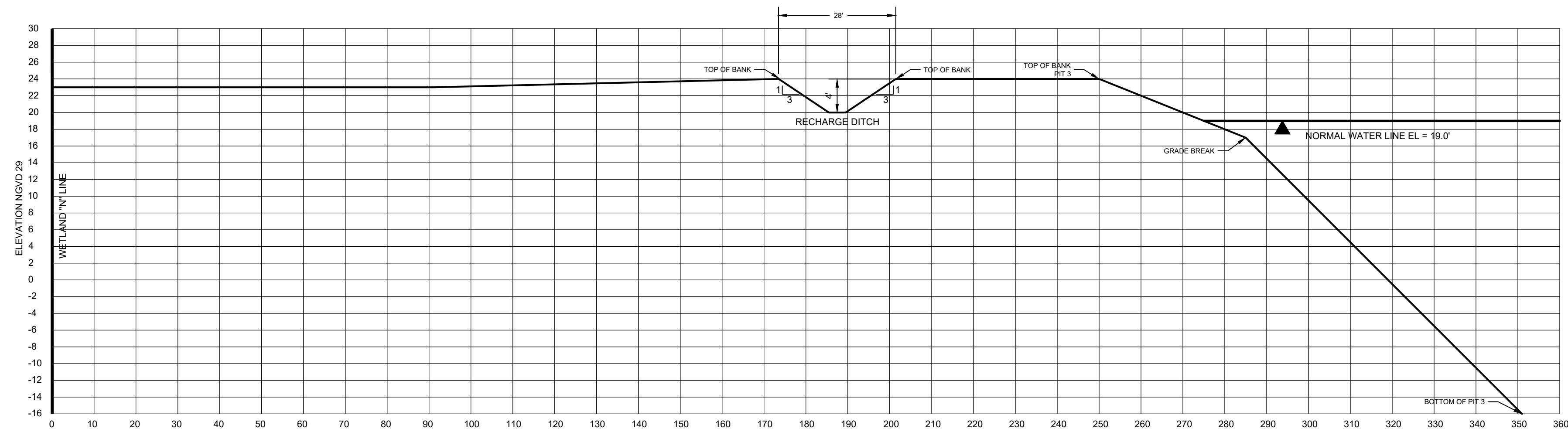


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**RALPH E BROWN**  
Digitally signed by RALPH E BROWN  
Date: 2026.04.28 07:39:27 -04'00'



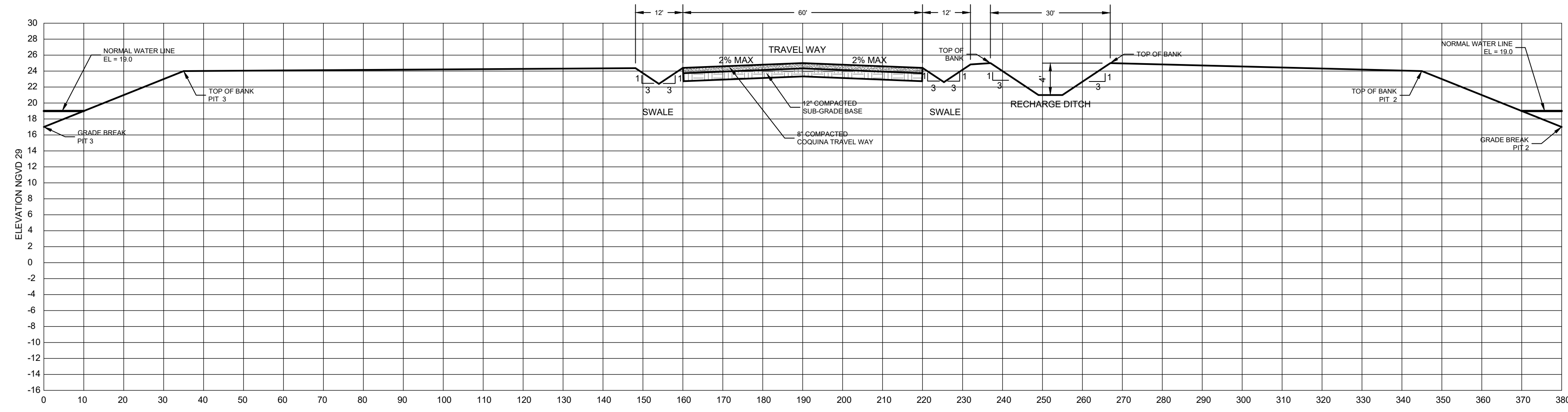
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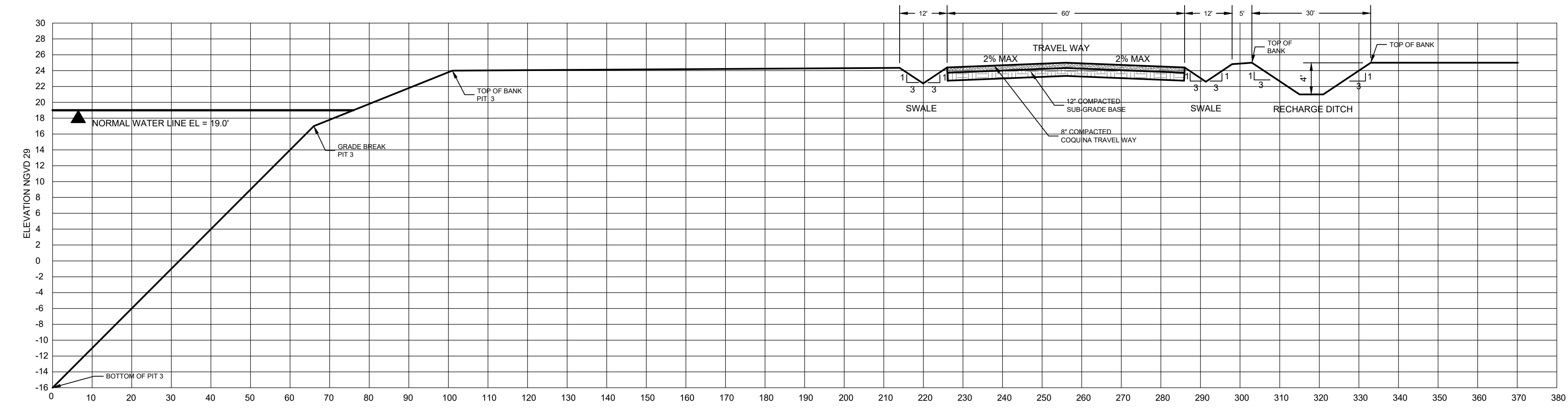
**H**  
**C3** **TYPICAL RECHARGE DITCH SECTION**  
H: 1" = 20'  
V: 1" = 10'

**NOTES**

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5. TOP OF BANK OF PROPOSED PITS WILL BE ELEVATION 24.0, NGVD 1929.



**I**  
**C3** **TYPICAL ROADWAY & RECHARGE DITCH SECTION**  
H: 1" = 20'  
V: 1" = 10'



**J**  
**C3** **TYPICAL ROADWAY & RECHARGE DITCH SECTION**  
H: 1" = 20'  
V: 1" = 10'

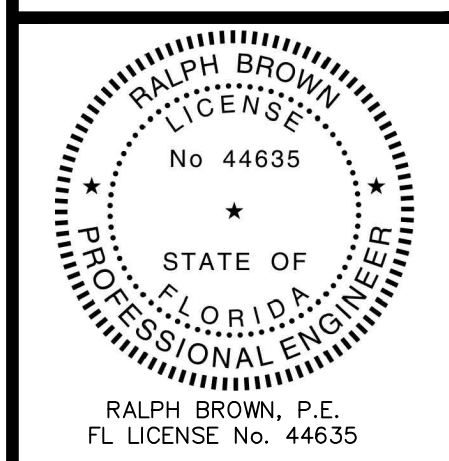
NO.	DESCRIPTION	DATE
1	REVISED DE-WATERING PLAN	12/6/2025
2	SEQUENCE FOR DE-WATERING PLAN NOTES	12/16/2025
3	ADDED ADDITIONAL RECHARGE DITCHES & CROSS SECTIONS	2/10/2026
4	REVISED TO ADDRESS COUNTIES CLIP COMMENTS	4/27/2026

REVISIONS

**BLUE GOOSE SURVEY & DESIGN LLC**  
1900 NORTH OLD DIXIE HIGHWAY  
FORT PIERCE, FLORIDA 34946  
Phone: 772.465.7555  
PROFESSIONAL SURVEYOR & MAPPER BUSINESS LICENSE LB8630

**SUNSHINE PHASE 3**  
**CROSS SECTIONS**

PROJECT No.: 1686



JOB No.: 1686  
Sunshine Mine Ph3 Site  
FILE: Plan R5 BC.dwg

SCALE: N/A

**C7**  
SHEET No.

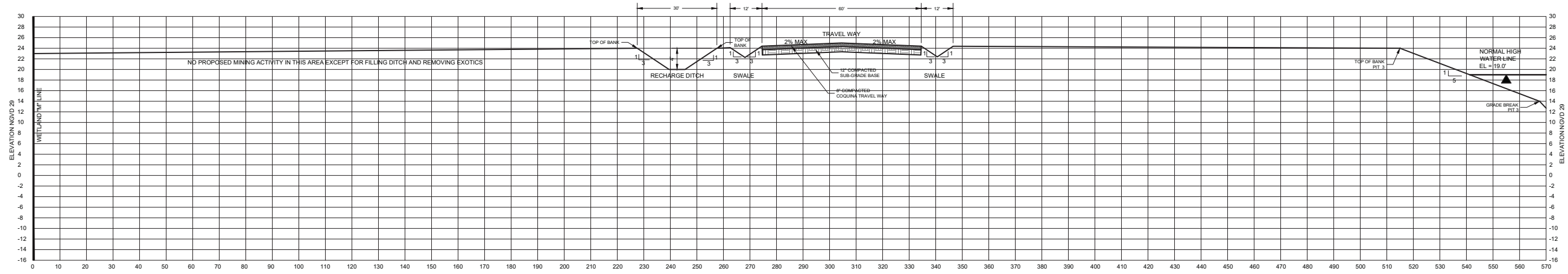


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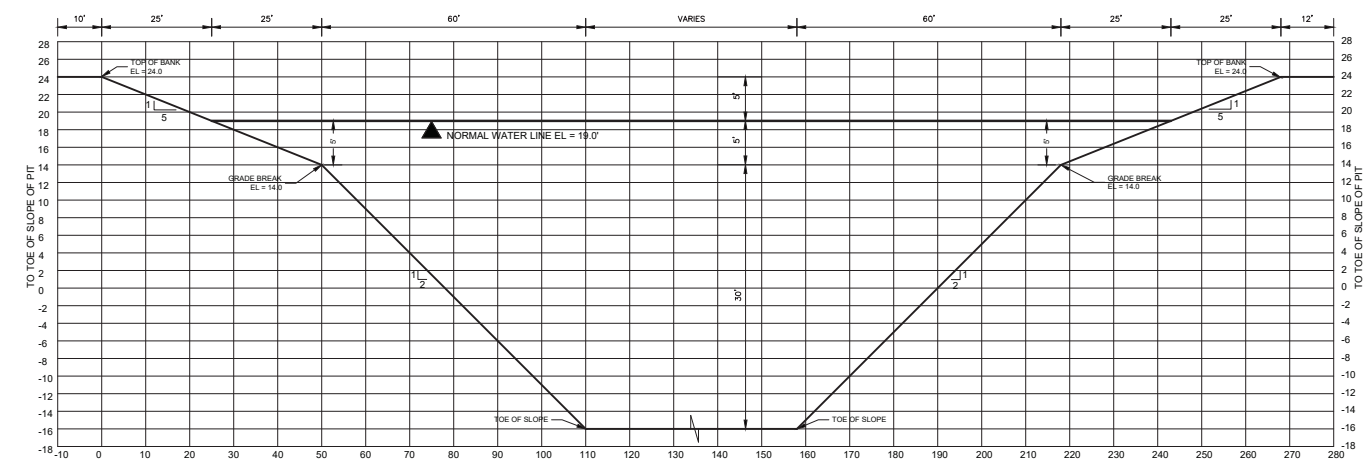
**RALPH E BROWN**  
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Date: 2026.04.28 07:39:58 -0400



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**K**  
**C3** **TYPICAL ROADWAY & RECHARGE DITCH SECTION**  
H: 1" = 20'  
V: 1" = 10'



**C3** **TYPICAL PIT 1, 2 & 3 SECTION**  
H: 1" = 20'  
V: 1" = 10'

**NOTES**

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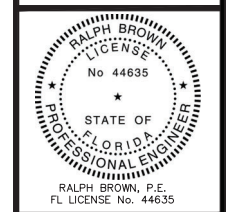
NO.	DESCRIPTION	DATE
1	REVISED DE-WATERING PLAN	12/8/2025
2	SEQUENCE FOR DE-WATERING PLAN NOTES	12/16/2025
3	ADDED ADDITIONAL RECHARGE DITCHES & CROSS SECTIONS	2/19/2026
4	REVISED TO ADDRESS COUNTIES CUP COMMENTS	4/27/2026
5	CHANGED SLOPE IN PITS PER COUNTIES COMMENTS	5/8/2026

REVISIONS

**BLUE GOOSE SURVEY & DESIGN LLC**  
1900 NORTH OLD DIXIE HIGHWAY  
FORT PIERCE, FLORIDA 34946  
Phone: 772.465.7555  
PROFESSIONAL SURVEYOR & MAPPER BUSINESS LICENSE LB8630

**SUNSHINE PHASE 3**  
**CROSS SECTIONS**

PROJECT No.: 1686



JOB No.: 1686  
FILE: Sunshine Mine Ph3 Site Plan R5 BC.dwg

SCALE: N/A

**C8**  
SHEET No.

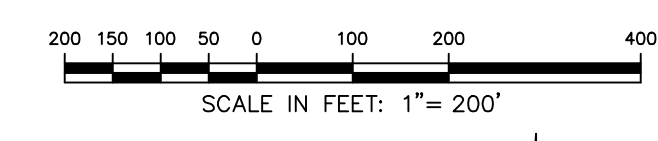


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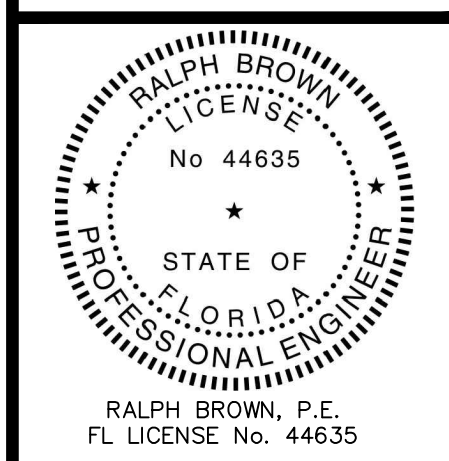
NO.	DESCRIPTION	DATE
1	ADDED NOTES & ROCK CRUSHING AREA	12/15/2025
2	ADDED NOTES	1/12/2026
3	ADDED ADDITIONAL RECHARGE DITCHES & CROSS SECTIONS	2/10/2026
4	REVISED TO ADDRESS COUNTIES CLIP COMMENTS	4/27/2026

REVISIONS

**BLUE GOOSE SURVEY & DESIGN LLC**  
 1900 NORTH OLD DIXIE HIGHWAY  
 FORT PIERCE, FLORIDA 34946  
 Phone: 772.465.7555

**SUNSHINE PHASE 3  
 WETLAND & SURFACE WATER  
 IMPACT PLAN**

PROJECT No.: 1686

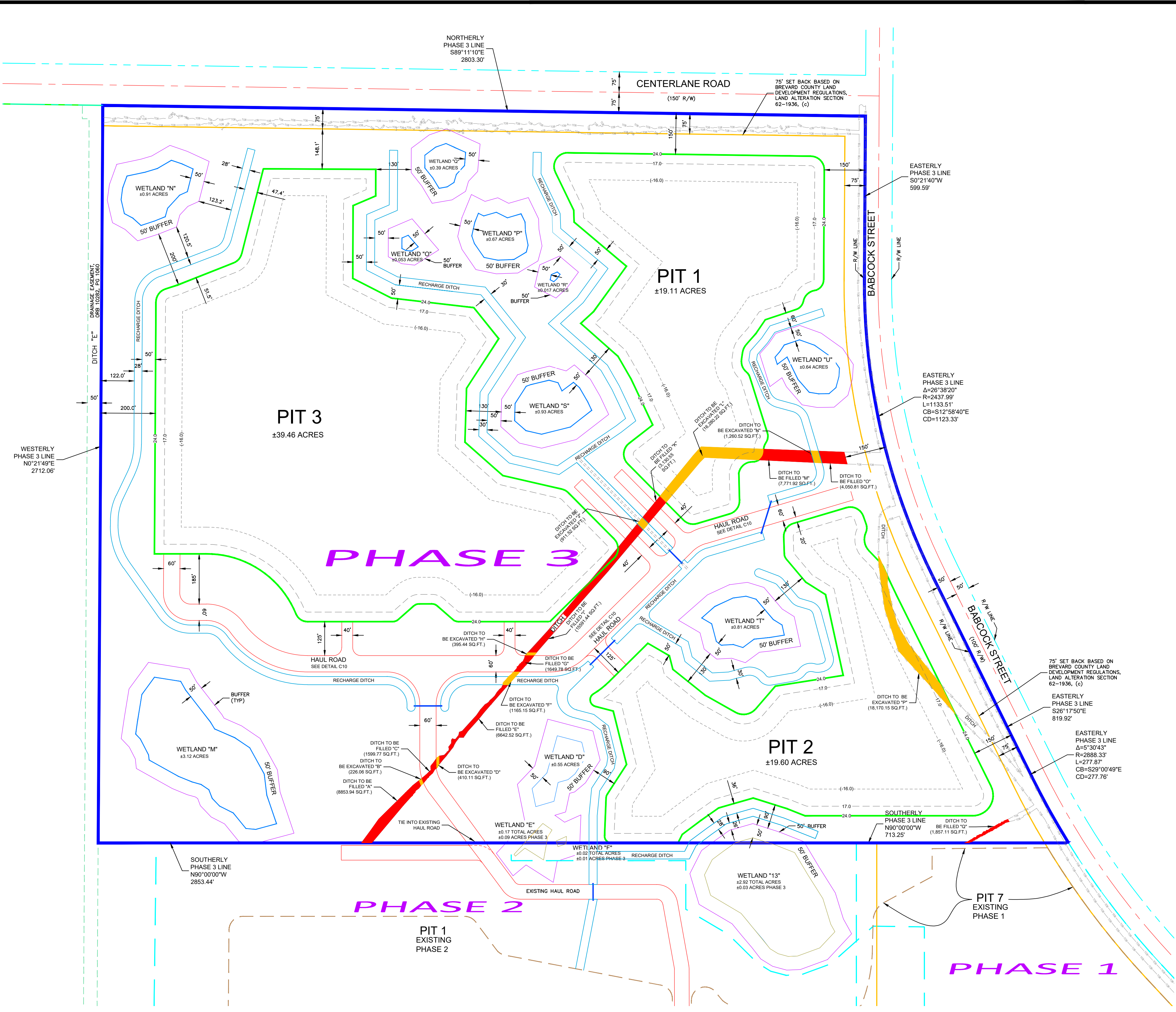


JOB No.: 1686

FILE: Sunshine Mine Ph3 Surface Water Plan R3.dwg

SCALE: 1" = 200'

**C9**  
SHEET No.



**ACREAGE**

PHASE 3 = ±186.72 ACRES

**NOTES**

- ALL PUMPED DISCHARGES DURING DE-WATERING OF PITS SHALL BE DISCHARGED TO RECHARGE DITCHES.
- ALL DE-WATERING SHALL BE IN ACCORDANCE WITH THE PERMITS DE-WATERING PLAN.
- ELEVATIONS SHOWN HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29).
- LANDS SHOWN HEREON WERE NOT ABSTRACTED BY THIS OFFICE FOR RIGHTS-OF-WAY, EASEMENTS OF RECORD, OWNERSHIP, ABANDONMENTS, DEED RESTRICTIONS, OR MURPHY ACT DEEDS. THIS INFORMATION SHOULD BE OBTAINED THROUGH APPROPRIATE TITLE VERIFICATION.
- WETLANDS SHOWN HEREON WERE DELINEATED BY ERIC MULDOWNEY, E-REG CONSULTING, LLC, ON JULY 9, 2025, AND MAPPED BY BLUE GOOSE SURVEY & DESIGN LLC. THE WETLANDS SHOWN HEREON WERE SITE INSPECTED AND APPROVED BY JUSTIN DAHL WITH ST. JOHNS RIVER WATER CONTROL DISTRICT ON JANUARY 8, 2026.
- HAUL ROADS SHALL BE CONSTRUCTED WITH ROAD SIDE SWALES.
- NO CONSTRUCTION WILL OCCUR IN THE 150 FOOT WIDE SETBACK ALONG THE WESTERLY RIGHT-OF-WAY LINE OF BABCOCK STREET OR THE 150 FOOT WIDE SETBACK ALONG CENTERLANE ROAD.



**LEGEND**

- R/W RIGHT-OF-WAY
- ORB OFFICIAL RECORDS BOOK
- TYP TYPICAL
- NGVD NATIONAL GEODETIC VERTICAL DATUM
- NAVD NORTH AMERICAN VERTICAL DATUM
- FEMA FEDERAL EMERGENCY MANAGEMENT AGENCY
- CMP CORRUGATED METAL PIPE
- ELEV ELEVATION
- DBH DIAMETER AT BREST HEIGHT
- CMP CORRUGATED METAL PIPE
- LF LINEAR FEET
- TOB TOP OF BANK
- SQ.FT. SQUARE FEET

**Cut/Fill Summary**

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
A (3)	1.000	1.000	8853.94 Sq. Ft.	0.00 Cu. Yd.	64.00 Cu. Yd.	64.00 Cu. Yd.<Fill>
B (2)	1.000	1.000	226.06 Sq. Ft.	2.25 Cu. Yd.	1.69 Cu. Yd.	0.56 Cu. Yd.<Cut>
C (2)	1.000	1.000	1559.77 Sq. Ft.	0.99 Cu. Yd.	33.55 Cu. Yd.	32.57 Cu. Yd.<Fill>
D (2)	1.000	1.000	410.11 Sq. Ft.	3.64 Cu. Yd.	3.27 Cu. Yd.	0.37 Cu. Yd.<Cut>
E (3)	1.000	1.000	5155.90 Sq. Ft.	22.96 Cu. Yd.	194.77 Cu. Yd.	171.80 Cu. Yd.<Fill>
F (2)	1.000	1.000	1156.28 Sq. Ft.	22.07 Cu. Yd.	21.51 Cu. Yd.	0.56 Cu. Yd.<Cut>
G (2)	1.000	1.000	1649.78 Sq. Ft.	0.92 Cu. Yd.	80.20 Cu. Yd.	79.29 Cu. Yd.<Fill>
H (4)	1.000	1.000	395.44 Sq. Ft.	5.12 Cu. Yd.	6.58 Cu. Yd.	1.46 Cu. Yd.<Fill>
I (2)	1.000	1.000	15591.84 Sq. Ft.	60.15 Cu. Yd.	488.53 Cu. Yd.	428.38 Cu. Yd.<Fill>
J (1)	1.000	1.000	931.52 Sq. Ft.	88.95 Cu. Yd.	0.72 Cu. Yd.	88.23 Cu. Yd.<Cut>
K (1)	1.000	1.000	3130.55 Sq. Ft.	2.04 Cu. Yd.	98.53 Cu. Yd.	96.48 Cu. Yd.<Fill>
L (1)	1.000	1.000	16280.22 Sq. Ft.	15514.92 Cu. Yd.	3.78 Cu. Yd.	15511.14 Cu. Yd.<Cut>
M (1)	1.000	1.000	7771.92 Sq. Ft.	37.11 Cu. Yd.	94.44 Cu. Yd.	57.32 Cu. Yd.<Fill>
N (1)	1.000	1.000	1260.52 Sq. Ft.	88.41 Cu. Yd.	2.63 Cu. Yd.	85.78 Cu. Yd.<Cut>
O (1)	1.000	1.000	4050.81 Sq. Ft.	0.09 Cu. Yd.	103.43 Cu. Yd.	103.34 Cu. Yd.<Fill>
P (1)	1.000	1.000	18170.15 Sq. Ft.	7939.92 Cu. Yd.	11.14 Cu. Yd.	7918.79 Cu. Yd.<Cut>
Q (1)	1.000	1.000	1857.11 Sq. Ft.	0.00 Cu. Yd.	25.39 Cu. Yd.	25.39 Cu. Yd.<Fill>
Totals			88431.91 Sq. Ft.	23779.54 Cu. Yd.	1234.36 Cu. Yd.	22545.18 Cu. Yd.<Cut>

**NOTES**

- THE DITCHES REMAINING WITHIN THE PROPERTY THAT WILL NOT BE IMPACTED DURING CONSTRUCTION EQUALS 151,506 SQUARE FEET OR 3.48 ACRES, MORE OR LESS.
- ALL 2D AREAS SHOWN ARE MEASURED FROM TOP OF BANK TO TOP OF BANK.

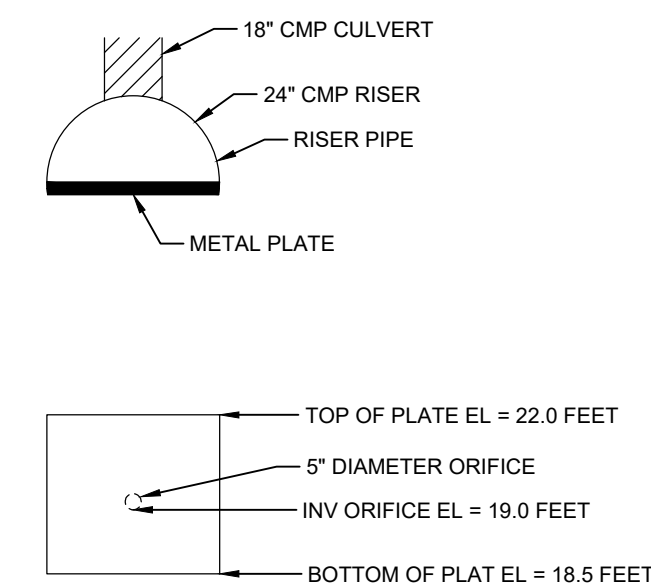
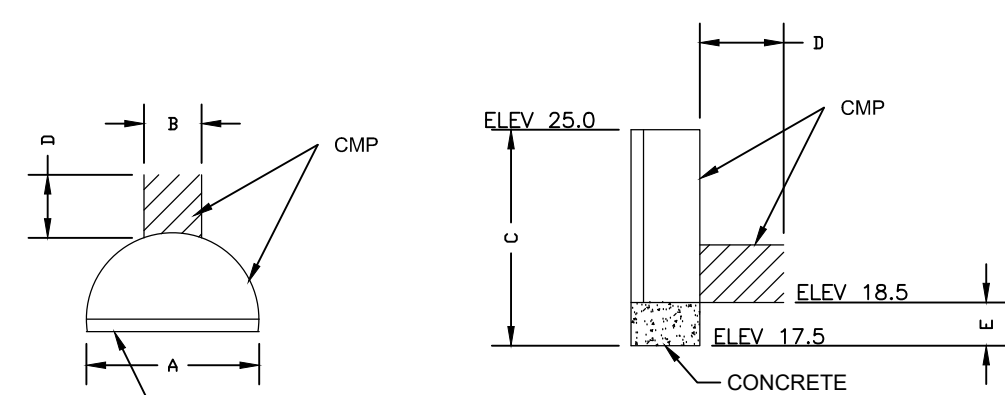
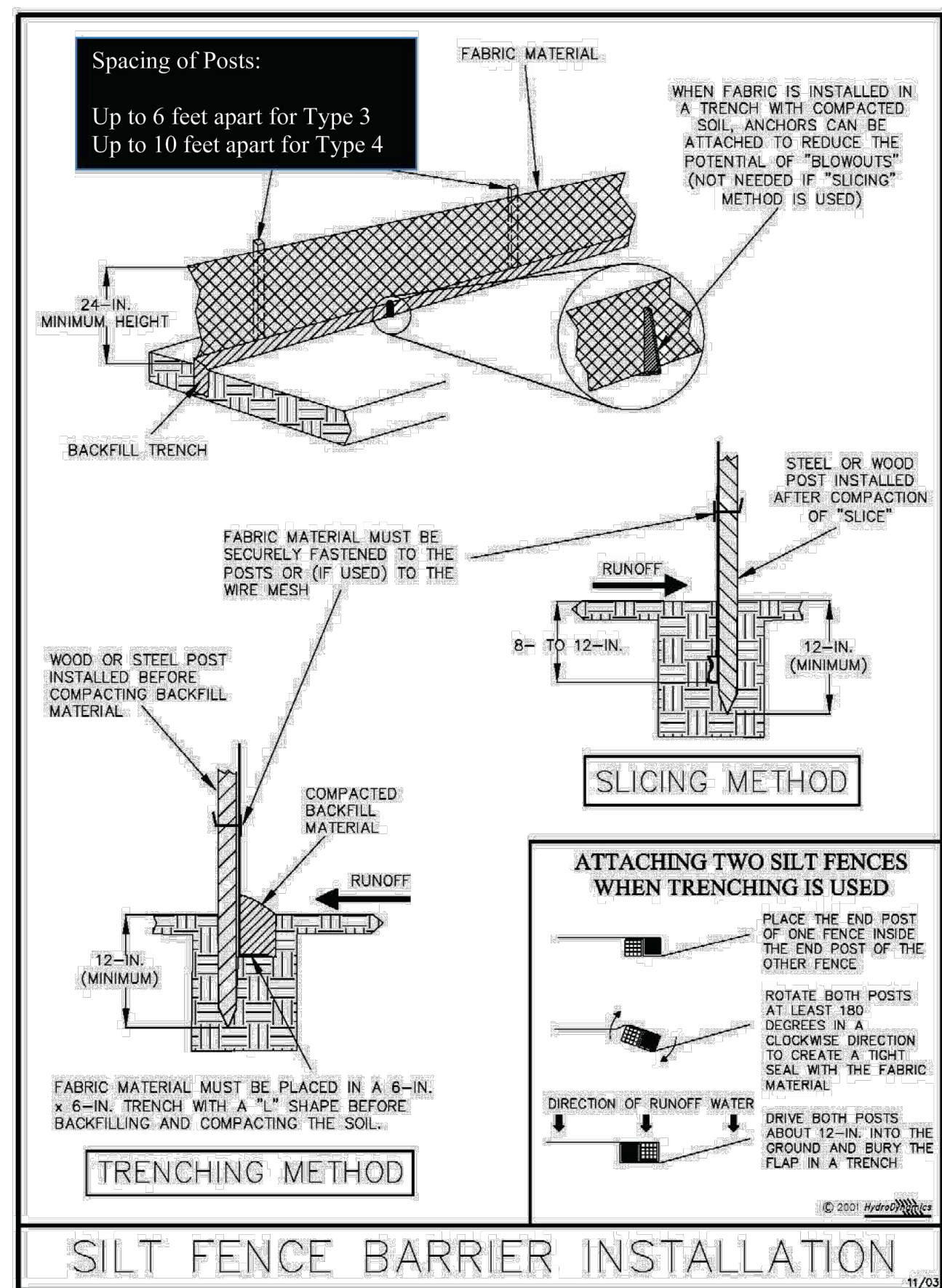
**Blue Goose Survey & Design LLC**  
 1900 Old Dixie Hwy  
 Fort Pierce, FL 34946  
 772-465-7555



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Digitally signed by RALPH E BROWN  
 Date: 2026.04.28 07:40:57 -04'00'

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED BY RALPH BROWN, P.E. ON THE DATE SIGNED USING A SHA-1 AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SHA-1 AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



**NOTES**

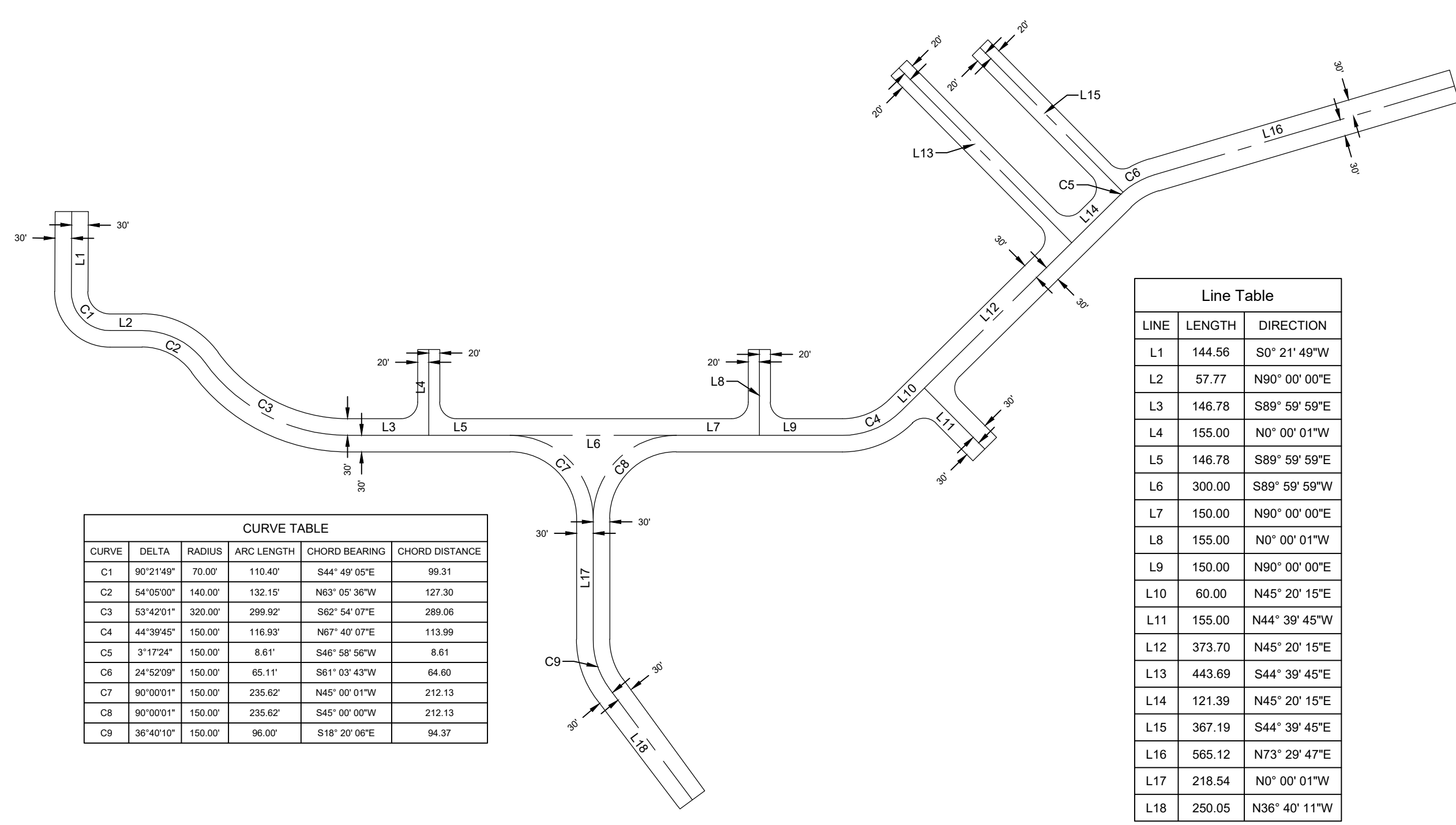
1. ELEVATIONS SHOWN HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929. (NGVD 29)

NO.	DESCRIPTION	DATE
1	ADDED NOTES & ROCK CRUSHING AREA	12/15/2025
2	ADDED NOTES	1/12/2026
3	ADDED ADDITIONAL RECHARGE DITCHES & CROSS SECTIONS	2/10/2026
4	REVISED TO ADDRESS COUNTIES CIP COMMENTS	4/27/2026

REVISIONS

**BLUE GOOSE SURVEY & DESIGN LLC**  
1900 NORTH OLD DIXIE HIGHWAY  
FORT PIERCE, FLORIDA 34946  
Phone: 772.465.7555  
PROFESSIONAL SURVEYOR & MAPPER BUSINESS LICENSE LB8630

**SUNSHINE PHASE 3**  
DETAILS



CURVE	DELTA	RADIUS	ARC LENGTH	CHORD BEARING	CHORD DISTANCE
C1	90°21'45"	70.00	110.40	S44° 49' 05"E	99.31
C2	54°05'00"	140.00	132.15	N63° 03' 38"W	127.30
C3	53°42'01"	320.00	299.92	S62° 54' 07"E	289.06
C4	44°39'45"	150.00	116.93	N67° 40' 07"E	113.99
C5	3°17'24"	150.00	8.61	S46° 58' 59"W	8.61
C6	24°52'09"	150.00	65.11	S61° 03' 43"W	64.40
C7	90°00'01"	150.00	235.62	N45° 00' 01"W	212.15
C8	90°00'01"	150.00	235.62	S45° 00' 01"W	212.15
C9	38°40'10"	150.00	98.00	S18° 20' 08"E	94.37

LINE	LENGTH	DIRECTION
L1	144.56	S0° 21' 49"W
L2	57.77	N90° 00' 00"E
L3	146.78	S89° 59' 59"E
L4	155.00	N0° 00' 01"W
L5	146.78	S89° 59' 59"E
L6	300.00	S89° 59' 59"W
L7	150.00	N90° 00' 00"E
L8	155.00	N0° 00' 01"W
L9	150.00	N90° 00' 00"E
L10	60.00	N45° 20' 15"E
L11	155.00	N44° 39' 45"W
L12	373.70	N45° 20' 15"E
L13	443.69	S44° 39' 45"E
L14	121.39	N45° 20' 15"E
L15	367.19	S44° 39' 45"E
L16	565.12	N73° 29' 47"E
L17	218.54	N0° 00' 01"W
L18	250.05	N38° 40' 11"W

**BLUE GOOSE SURVEY & DESIGN LLC**  
1900 Old Dixie Hwy  
Fort Pierce, FL 34946  
772-465-7555

Always call 811 two full business days before you dig.  
**Sunshine 811.com**

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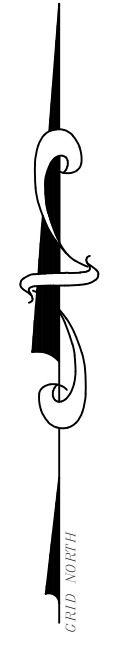
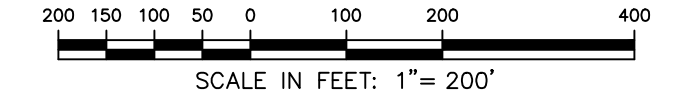
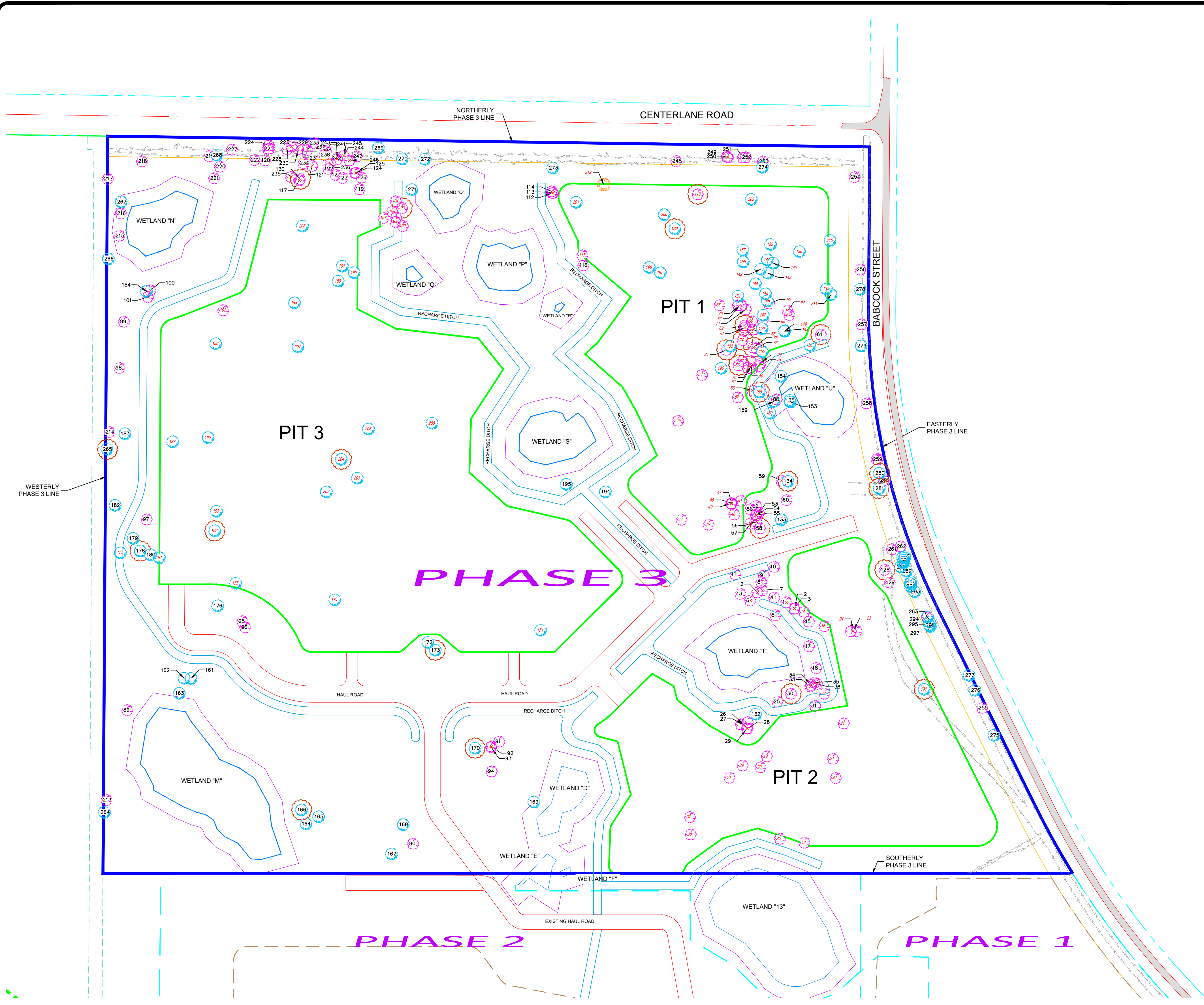
Digitally signed by **RALPH E. BROWN** Date: 2026.04.28 07:41:24 -04'00'

**RALPH BROWN**  
LICENSE No 44635  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
RALPH BROWN, P.E.  
FL LICENSE No. 44635

JOB No.: 1686  
FILE: Sunshine Mine Ph3 Site Plan R5 BC.dwg  
SCALE: N/A

**C10**  
SHEET No.

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**NOTES**

- 1) THIS PROPERTY IS CURRENTLY WOODED AND BEING USED FOR AGRICULTURE PURPOSES.
- 2) THE TREES SHOWN HEREON BASED ON A BOUNDARY AND TREE QUANTITY SURVEY PERFORMED BY BLUE GOOSE SURVEY & DESIGN LLC, PROJECT NUMBER 1686, DATED 9/9/2025.
- 3) THE SYMBOLS SHOWN FOR THE TREES DO NOT RELATE TO SIZE, ONLY TO LOCATION.
- 4) THE POINT NUMBER SHOWN FOR THE TREE CORRESPONDS TO THE TABLES SHOWN ON SHEET 12.
- 5) TREES SHOWN WITH A RED ITALICIZED POINT NUMBER ARE TO BE MITIGATED.
- 6) PLAN INTENDED TO BE PRINTED IN COLOR.

**TREE LEGEND**

- OAK TREE WITH POINT NUMBER SHOWN
- PINE TREE WITH POINT NUMBER SHOWN
- MAPLE TREE WITH POINT NUMBER SHOWN
- SPECIMEN TREE

**LEGEND**

- R/W RIGHT-OF-WAY
- ORB OFFICIAL RECORDS BOOK
- TYP TYPICAL
- NGVD NATIONAL GEODETTIC VERTICAL DATUM
- NAVD NORTH AMERICAN VERTICAL DATUM
- FEMA FEDERAL EMERGENCY MANAGEMENT AGENCY
- CMP CORRUGATED METAL PIPE
- ELEV ELEVATION
- DBH DIAMETER AT BREAST HEIGHT
- CMP CORRUGATED METAL PIPE
- LF LINEAR FEET
- TOB TOP OF BANK

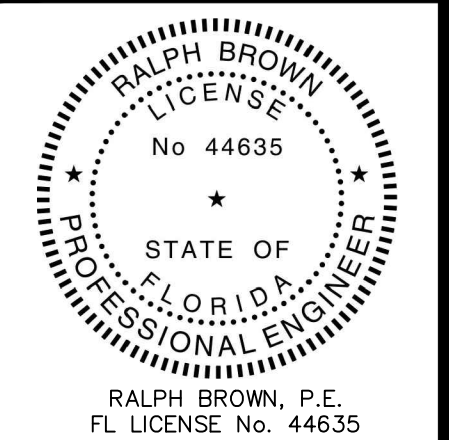
NO.	DESCRIPTION	DATE
1	ADDED NOTES & ROCK CRUSHING AREA	12/15/2025
2	ADDED NOTES	1/12/2026
3	ADDED ADDITIONAL RECHARGE DITCHES & CROSS SECTIONS	2/10/2026
4	REVISED TO ADDRESS COUNTIES CUP COMMENTS	4/27/2026

REVISIONS

**BLUE GOOSE SURVEY & DESIGN LLC**  
 1900 NORTH OLD DIXIE HIGHWAY  
 FORT PIERCE, FLORIDA 34946  
 Phone: 772.465.7555  
 PROFESSIONAL SURVEYOR & MAPPER BUSINESS LICENSE LB8630

**SUNSHINE PHASE 3**  
 PHASE 3 SITE PLAN WITH TREE QUANTITY SURVEY OVERLAY EXHIBIT

PROJECT No.: 1686



JOB No.: 1686

FILE: Sunshine Mine Ph3 Site Plan R5 BC.dwg

SCALE: 1" = 200'

**C11**  
SHEET No.

**Blue Goose SURVEY & DESIGN LLC**  
 1900 Old Dixie Hwy  
 Fort Pierce, FL 34946  
 772-465-7555



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**RALPH E BROWN**  
 Digitally signed by RALPH E BROWN  
 Date: 2026.04.28 07:41:50 -04'00'

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OAK TREES

NUMBER	NORTHING	EASTING	DESCRIPTION	IMPACTED	MITIGATION INCHES
1	1274781.66	777599.41	17" LIVE OAK	NO	
2	1274757.64	777629.21	20" LIVE OAK	NO	
3	1274759.22	777629.44	20" LIVE OAK	NO	
4	1274799.12	777554.71	16" LIVE OAK	NO	
5	1274734.44	777559.15	17" LIVE OAK	NO	
6	1274788.25	777466.56	14" LIVE OAK	NO	
7	1274825.89	777511.09	14" LIVE OAK	NO	
8	1274855.95	777507.11	16" LIVE OAK	NO	
9	1274880.33	777516.90	15" LIVE OAK	NO	
10	1274912.10	777554.93	12" LIVE OAK	NO	
11	1274885.37	777411.56	12" LIVE OAK	NO	
12	1274818.06	777492.76	12" LIVE OAK	NO	
13	1274812.84	777430.90	20" LIVE OAK	NO	
14	1274746.75	777665.18	23" LIVE OAK	YES	5.75
15	1274710.58	777682.68	11" LIVE OAK	NO	
16	1274694.16	777740.06	22" LIVE OAK	YES	5.50
17	1274620.14	777682.87	15" LIVE OAK	NO	
18	1274539.62	777709.26	12" LIVE OAK	NO	
19	1274214.81	777528.06	13" LIVE OAK	YES	3.25
20	1274175.14	777504.67	16" LIVE OAK	YES	4.00
21	1274206.02	777771.39	18" LIVE OAK	YES	4.50
22	1274336.13	777811.20	14" LIVE OAK	YES	3.50
23	1274675.49	777845.10	15" LIVE OAK	YES	3.75
24	1274675.49	777845.10	15" LIVE OAK	YES	3.75
25	1274415.81	777566.94	12" LIVE OAK	NO	
26	1274329.30	777443.90	10" LIVE OAK	NO	
27	1274329.30	777443.90	10" LIVE OAK	NO	
28	1274317.39	777457.09	17" LIVE OAK	NO	
29	1274318.06	777454.11	13" LIVE OAK	NO	
30	1274445.31	777616.50	24" LIVE OAK	NO	
31	1274400.73	777705.14	20" LIVE OAK	NO	
32	1274445.38	777740.06	15" LIVE OAK	YES	3.75
33	1274472.18	777687.75	14" LIVE OAK	NO	
34	1274477.38	777690.60	18" LIVE OAK	NO	
35	1274486.09	777703.16	14" LIVE OAK	NO	
36	1274481.86	777712.21	15" LIVE OAK	NO	
37	1273991.51	777244.91	11" LIVE OAK	YES	2.75
38	1273927.48	777247.96	11" LIVE OAK	YES	2.75
39	1274181.16	777438.92	10" LIVE OAK	YES	2.50
40	1274136.46	777390.64	12" LIVE OAK	YES	3.00
41	1274135.48	777781.41	22" LIVE OAK	YES	5.50
42	1273911.99	777576.11	18" LIVE OAK	YES	4.50
43	1273897.20	777666.35	15" LIVE OAK	YES	3.75
44	1275085.45	777214.26	12" LIVE OAK	YES	3.00
45	1275066.98	777313.93	11" LIVE OAK	YES	2.75
46	1275105.13	777407.96	15" LIVE OAK	YES	3.75
47	1275143.97	777398.05	15" LIVE OAK	YES	3.75
48	1275146.06	777399.09	18" LIVE OAK	YES	4.50
49	1275146.04	777397.22	11" LIVE OAK	YES	2.75
50	1275124.37	777467.43	17" LIVE OAK	NO	
51	1275155.25	777433.38	15" LIVE OAK	YES	3.75
52	1275135.97	777489.09	14" LIVE OAK	NO	
53	1275110.03	777498.59	10" LIVE OAK	NO	
54	1275102.08	777487.75	12" LIVE OAK	NO	
55	1275102.10	777489.17	13" LIVE OAK	NO	
56	1275078.63	777489.49	17" LIVE OAK	NO	
57	1275071.46	777467.13	22" LIVE OAK	NO	
58	1275053.70	777502.24	26" LIVE OAK	NO	
59	1275228.87	777581.02	16" LIVE OAK	NO	
60	1275157.87	777600.31	20" LIVE OAK	NO	
61	1275766.70	777726.28	26" LIVE OAK	NO	
62	1275880.95	777535.55	22" LIVE OAK	YES	5.50
63	1275854.48	777603.64	14" LIVE OAK	YES	3.50
64	1275838.93	777610.85	18" LIVE OAK	YES	4.50
65	1275818.46	777512.71	11" LIVE OAK	YES	2.75
66	1275815.12	777473.09	17" LIVE OAK	YES	4.25
67	1275785.80	777476.28	13" LIVE OAK	YES	3.25
68	1275784.36	777477.48	10" LIVE OAK	YES	2.50
69	1275800.08	777446.50	24" LIVE OAK	YES	7.92
70	1275792.11	777446.97	12" LIVE OAK	YES	3.00
71	1275860.09	777450.32	15" LIVE OAK	YES	3.75
72	1275873.92	777428.20	16" LIVE OAK	YES	4.00
73	1275873.92	777428.20	16" LIVE OAK	YES	4.00

OAK TREES

74	1275746.51	777439.13	25" LIVE OAK	YES	8.25
75	1275719.61	777478.30	25" LIVE OAK	YES	8.25
76	1275715.70	777490.13	12" LIVE OAK	YES	3.00
77	1275659.53	777503.63	15" LIVE OAK	YES	3.75
78	1275650.80	777500.16	15" LIVE OAK	YES	3.75
79	1275652.40	777470.05	11" LIVE OAK	YES	2.75
80	1275652.40	777470.05	11" LIVE OAK	YES	2.75
81	1275652.40	777470.05	11" LIVE OAK	YES	2.75
82	1275670.06	777438.64	20" LIVE OAK	YES	5.00
83	1275654.22	777423.93	33" LIVE OAK	YES	10.89
84	1275710.29	777379.22	25" LIVE OAK	YES	8.25
85	1275875.23	777353.85	14" LIVE OAK	YES	3.50
86	1275560.58	777474.70	21" LIVE OAK	YES	5.25
87	1275535.87	777421.20	13" LIVE OAK	YES	3.25
88	1275528.32	777564.49	10" LIVE OAK	NO	
89	1274385.16	775175.04	15" LIVE OAK	NO	
90	1273893.42	776226.43	14" LIVE OAK	NO	
91	1274269.15	776543.23	14" LIVE OAK	NO	
92	1274251.71	776514.34	12" LIVE OAK	NO	
93	1274248.84	776512.91	15" LIVE OAK	NO	
94	1274159.57	776515.79	11" LIVE OAK	NO	
95	1274712.24	775598.34	15" LIVE OAK	NO	
96	1274689.76	775608.80	10" LIVE OAK	NO	
97	1275086.40	775246.64	23" LIVE OAK	NO	
98	1275643.97	775146.19	14" LIVE OAK	NO	
99	1275814.08	775162.80	17" LIVE OAK	NO	
100	1275929.44	775260.11	11" LIVE OAK	NO	
101	1275905.01	775251.06	11" LIVE OAK	NO	
102	1275856.28	77528.22	10" LIVE OAK	YES	2.50
103	1276232.52	776185.85	37" LIVE OAK	YES	9.25
104	1276257.45	776162.82	21" LIVE OAK	YES	5.25
105	1276196.62	776164.03	11" LIVE OAK	YES	2.75
106	1276181.72	776161.93	23" LIVE OAK	YES	5.75
107	1276195.89	776117.96	19" LIVE OAK	YES	4.75
108	1276218.85	776150.09	12" LIVE OAK	YES	3.00
109	1276166.38	776188.80	23" LIVE OAK	YES	5.75
110	1275449.55	777201.48	17" LIVE OAK	YES	4.25
111	1275618.27	777289.45	16" LIVE OAK	YES	4.00
112	1276287.73	776738.60	10" LIVE OAK	NO	
113	1276288.00	776741.37	12" LIVE OAK	NO	
114	1276293.83	776735.80	11" LIVE OAK	NO	
115	1276058.79	776849.55	12" LIVE OAK	YES	3.00
116	1276021.48	776852.70	12" LIVE OAK	NO	
117	1276334.21	775807.59	13" LIVE OAK	NO	
118	1276282.98	777273.78	30" LIVE OAK	YES	9.90
119	1276301.72	776029.67	23" LIVE OAK	NO	
120	1276408.09	775682.07	14" LIVE OAK	NO	
121	1276387.67	775855.06	16" LIVE OAK	NO	
122	1276376.41	775914.74	13" LIVE OAK	NO	
123	1276354.44	775941.97	14" LIVE OAK	NO	
124	1276361.27	776016.07	10" LIVE OAK	NO	
125	1276361.27	776016.07	10" LIVE OAK	NO	
126	1276344.13	776037.38	19" LIVE OAK	NO	
127	1276343.14	775967.42	10" LIVE OAK	NO	
128	1274900.95	777961.35	32" LIVE OAK	NO	
129	1274854.05	777980.14	15" LIVE OAK	NO	
130	1276338.51	775811.18	29" LIVE OAK	NO	
213	1274054.48	775098.86	16" LIVE OAK	NO	
214	1275408.34	775109.58	19" LIVE OAK	NO	
215	1276130.23	775146.35	13" OAK	NO	
216	1276212.30	775152.08	20" LIVE OAK	NO	
217	1276339.74	775103.46	16" LIVE OAK	NO	
218	1276404.34	775229.50	18" LIVE OAK	NO	
219	1276423.37	775476.68	11" LIVE OAK	NO	
220	1276384.38	775515.98	17" LIVE OAK	NO	
221	1276341.69	775494.71	16" LIVE OAK	NO	
222	1276409.10	775643.47	22" LIVE OAK	NO	
223	1276462.65	775695.84	18" LIVE OAK	NO	
224	1276462.36	775696.24	21" LIVE OAK	NO	
225	1276450.54	775692.98	14" LIVE OAK	NO	
226	1276447.38	775559.92	12" LIVE OAK	NO	
227	1276447.43	775559.96	16" LIVE OAK	NO	
228	1276449.43	775763.39	12" LIVE OAK	NO	
229	1276458.82	775779.20	12" LIVE OAK	NO	

OAK TREES

230	1276449.87	775803.97	10" LIVE OAK	NO	
231	1276446.80	775818.19	27" LIVE OAK	NO	
232	1276445.51	775837.31	16" LIVE OAK	NO	
233	1276471.93	775860.36	24" LIVE OAK	NO	
234	1276398.02	775823.56	12" LIVE OAK	NO	
235	1276346.95	775777.18	13" LIVE OAK	NO	
236	1276394.89	775922.93	15" LIVE OAK	NO	
237	1276427.81	775901.19	10" LIVE OAK	NO	
238	1276428.15	775900.76	12" LIVE OAK	NO	
239	1276441.48	775906.45	12" LIVE OAK	NO	
240	1276441.44	775906.40	10" LIVE OAK	NO	
241	1276441.45	775906.44	17" LIVE OAK	NO	
242	1276414.68	775941.72	10" LIVE OAK	NO	
243	1276412.42	775946.79	10" LIVE OAK	NO	
244	1276424.93	775971.81	15" LIVE OAK	NO	
245	1276424.89	775971.77	15" LIVE OAK	NO	
246	1276407.55	775992.57	14" LIVE OAK	NO	
247	1276422.44	776019.82	28" LIVE OAK	NO	
248	1276405.12	777194.55	23" LIVE OAK	NO	
249	1276421.49	777381.08	16" LIVE OAK	NO	
250	1276419.28	777384.35	11" LIVE OAK	NO	
251	1276417.88	777440.00	21" LIVE OAK	NO	
252	1276419.21	777450.51	11" LIVE OAK	NO	
253	1276403.64	777513.54	25" LIVE OAK	NO	
254	1276346.51	777851.06	23" LIVE OAK	NO	
255	1274393.21	778320.52	16" LIVE OAK	NO	
256	1276005.82	777872.34	15" LIVE OAK	NO	
257	1275804.01	777876.61	18" LIVE OAK	NO	
258	1275513.94	777894.44	14" LIVE OAK	NO	
259	1275307.59	777932.12	2X 10" LIVE OAK	NO	
260	1275231.24	777958.11	17" LIVE OAK	NO	
261	1274977.19	777987.96	15" OAK	NO	
262	1274987.36	778020.15	10" OAK	NO	
263	1274726.10	778117.45	19" LIVE OAK	NO	
<b>TOTAL</b>					<b>267.21</b>

NOTES

- 1) THE TREES SHOWN HEREON BASED ON A BOUNDARY AND TREE QUANTITY SURVEY, PERFORMED BY BLUE GOOSE SURVEY & DESIGN LLC, PROJECT NUMBER 1686, DATED 9/9/2025.
- 2) TREES AND COORDINATES SHOWN HEREON WERE FIELD LOCATED USING GPS RTK OBSERVATIONS, REFERENCED TO THE NORTH AMERICAN DATUM OF 1983, 1990 ADJUSTMENT, PROJECTED IN THE FLORIDA EAST, STATE PLANE COORDINATE SYSTEM. THE LOCATIONS OF THE TREES ARE SHOWN FOR PLANNING AND MITIGATION PURPOSES AND SHOULD BE VERIFIED FOR DESIGN.
- 3) THE TREES SHOWN HEREON ARE BASED ON THE DEFINITION OF PROTECTED TREES AND SPECIMEN TREES SHOWN IN SECTION 62-432, BREVARD COUNTY LAND DEVELOPMENT CODE.
- 4) THERE ARE A TOTAL OF 182 OAKS, 116 PINES AND 1 MAPLE SHOWN HEREON. INCLUDED ARE SPECIMEN TREES BEING 24 INCHES AT DBH, OR LARGER, WHICH ARE HIGHLIGHTED IN RED. THERE ARE 25 SPECIMEN TREES IN TOTAL. NOTE THAT TREES IN TABLES ARE NOT IN SEQUENTIAL ORDER.
- 5) TREES THAT WILL BE IMPACTED BY CONSTRUCTION ARE SHOWN IN

PINE TREES

NUMBER	NORTHING	EASTING	DESCRIPTION	IMPACTED	MITIGATION INCHES
131	1274461.46	778106.26	25" PINE	YES	8.25
132	1274369.62	777486.25	22" PINE	NO	
133	1275085.18	777581.14	19" PINE	NO	
134	1275226.91	777604.49	25" PINE	NO	
135	1275524.01	777611.63	15" PINE	NO	
136	1275726.80	777685.30	17" PINE	YES	4.25
137	1275934.62	777746.45	14" PINE	YES	3.50
138	1276071.89	777647.58	14" PINE	YES	3.50
139	1276098.29	777540.91	17" PINE	YES	4.25
140	1276029.69	777550.42	14" PINE	YES	3.50
141	1276041.55	777528.91	15" PINE	YES	3.75
142	1276007.04	777504.75	18" PINE	YES	4.50
143	1275992.69	777530.57	20" PINE	YES	5.00
144	1275953.64	777485.29	16" PINE	YES	4.00
145	1275916.69	777522.44	14" PINE	YES	3.50
146	1275890.66	777529.34	15" PINE	YES	3.75
147	1275838.06	777514.00	15" PINE	YES	3.75
148	1275778.89	777592.31	16" PINE	YES	4.00
149	1275780.30	777593.18	22" PINE	YES	5.50
150	1275788.39	777509.81	15" PINE	YES	3.75
151	1275907.40	777420.82	15" PINE	YES	3.75
152	1275703.64	777510.70	15" PINE	YES	3.75
153	1275518.77	777613.27	15" PINE	NO	
154	1275612.94	777579.76	15" PINE	NO	
155	1275723.41	777393.57	14" PINE	YES	3.50
156	1276034.40	777440.22	15" PINE	YES	3.75
157	1276077.22	777439.14	14" PINE	YES	3.50
158	1275555.19	777499.33	26" PINE	YES	8.58
159	1275520.09	777552.20	18" PINE	NO	
160	1275477.28	777538.35	14" PINE	YES	3.50
161	1274501.10	775409.28	21" PINE	NO	
162	1274502.42	775383.48	19" PINE	NO	
163	1274446.89	775366.13	14" PINE	NO	
164	1273966.50	775831.90	14" PINE	NO	
165	1273992.47	775878.58	15" PINE	NO	
166	1274017.83	775815.72	25" PINE	NO	
167	1273855.55	776147.02	16" PINE	NO	
168	1273963.48	776190.03	19" PINE	NO	
169	1274046.73	776670.21	14" PINE	NO	
170	1274245.01	776454.08	29" PINE	NO	
171	1274678.66	776695.10	16" PINE	YES	4.00

PINE TREES

172	1274633.74	776280.09	22" PINE	NO	
173	1274605.63	776307.39	29" PINE	NO	
174	1274790.54	775937.94	16" PINE	YES	4.00
175	1274851.66	775573.46	15" PINE	YES	3.75
176	1274768.64	775507.35	14" PINE	NO	
177	1274963.71	775149.37	23" PINE	YES	5.75
178	1274970.81	775222.19	27" PINE	NO	
179	1275016.57	775196.49	19" PINE	NO	
180	1274956.37	775260.39	17" PINE	NO	
181	1274945.64	775292.70	17" PINE	YES	4.25
182	1275138.21	775130.30	21" PINE	NO	
183	1275401.74	775166.08	21" PINE	NO	
184	1275925.08	775245.05	20" PINE	NO	
185	1275387.60	775472.36	14" PINE	YES	3.50
186	1275733.09	775500.08	16" PINE	YES	4.00
187	1275371.96	775342.05	14" PINE	YES	3.50
188	1275883.66	775789.81	16" PINE	YES	4.00
189	1275963.11	775950.53	19" PINE	YES	4.75
190	1275994.32	776009.35	21" PINE	YES	5.25
191	1276018.22	775965.78	23" PINE	YES	5.75
192	1275044.58	775496.60	25" PINE	YES	8.25
193	1275116.66	775502.77	17" PINE	YES	4.25
194	1275188.07	776933.32	15" PINE	NO	
195	1275215.64	776789.86	18" PINE	NO	
196	1275642.30	777359.14	20" PINE	YES	5.00
197	1275994.34	777135.96	14" PINE	YES	3.50
198	1276013.52	777095.01	15" PINE	YES	3.75
199	1276155.88	777189.19	28" PINE	YES	9.24
200	1276208.00	777150.18	17" PINE	YES	4.25
201	1276253.33	776826.18	21" PINE	YES	5.25
202	1275187.86	775907.04	17" PINE	YES	4.25
203	1275238.26	776020.47	18" PINE	YES	4.50
204	1275307.51	775961.96	25" PINE	YES	8.25
205	1275440.47	776295.58	18" PINE	YES	4.50
206	1275419.20	776061.61	16" PINE	YES	4.00
207	1275721.93	775802.54	22" PINE	YES	5.50
208	1276165.74	775819.04	17" PINE	YES	4.25
209	1276264.02	777470.31	21" PINE	YES	5.25
210	1276112.58	777759.55	22" PINE	YES	5.50
211	1275913.68	777764.02	15" PINE	YES	3.75
264	1274008.75	775090.58	16" PINE	NO	
265	1275344.56	775099.17	37" PINE	NO	

MAPLE TREE

NUMBER	NORTHING	EASTING	DESCRIPTION	IMPACTED	MITIGATION INCHES
212	1276318.4	776927.75	11" RED MAPLE	YES	2.75

PINE TREES

266	1276045.07	775104.95	22" PINE	NO	
267	1276254.83	775152.13	22" PINE	NO	
268	1276426.62	775503.85	14" PINE	NO	
269	1276453.12	776098.19	17" PINE	NO	
270	1276413.05	776185.85	22" PINE	NO	
271	1276299.73	776221.52	17" PINE	NO	
272	1276411.79	776268.95	18" PINE	NO	
273	1276379.51	776739.76	17" PINE	NO	
274	1276382.30	777510.72	21" PINE	NO	
275	1274292.00	778362.73	22" PINE	NO	
276	1274457.84	778293.01	19" PINE	NO	
277	1274512.78	778271.38	22" PINE	NO	
278	1275933.19	777869.57	14" PINE	NO	
279	1275725.11	777874.40	16" PINE	NO	
280	1275256.33	777940.93	25" PINE	NO	
281	1275200.32	777941.25	25" PINE	NO	
282	1274946.13	778026.60	16" PINE	NO	
283	1274950.40	778034.56	15" PINE	NO	
284	1274944.38	778034.68	14" PINE	NO	
285	1274936.42	778032.14	2X 14" PINE	NO	
286	1274929.58	778031.25	15" PINE	NO	
287	1274928.37	778027.94	15" PINE	NO	
288	1274911.65	778019.85	20" PINE	NO	
289	1274896.16	778040.35	18" PINE	NO	
290	1274857.19	778057.35	19" PINE	NO	
291	1274850.14	778055.25	17" PINE	NO	
292	1274840.15	778055.67	16" PINE	NO	
293	1274820.38	778071.30	16" PINE	NO	
294	1274726.77	778117.81	17" PINE	NO	
295	1274709.44	778125.65	14" PINE	NO	
296	1274697.10	778125.81	14" PINE	NO	
297	1274692.70	778128.78	17" PINE	NO	
<b>TOTAL</b>					<b>244.82</b>

NOTES

- 1) THE TREES SHOWN HEREON BASED ON A BOUNDARY AND TREE QUANTITY SURVEY, PERFORMED BY BLUE GOOSE SURVEY & DESIGN LLC, PROJECT NUMBER 1686, DATED 9/9/2025.
- 2) TREES AND COORDINATES SHOWN HEREON WERE FIELD LOCATED USING GPS RTK OBSERVATIONS, REFERENCED TO THE NORTH AMERICAN DATUM OF 1983, 1990 ADJUSTMENT, PROJECTED IN THE FLORIDA EAST, STATE PLANE COORDINATE SYSTEM. THE LOCATIONS OF THE TREES ARE SHOWN FOR PLANNING AND MITIGATION PURPOSES AND SHOULD BE VERIFIED FOR DESIGN.
- 3) THE TREES SHOWN HEREON ARE BASED ON THE DEFINITION OF PROTECTED TREES AND SPECIMEN TREES SHOWN IN SECTION 62-4332, BREVARD COUNTY LAND DEVELOPMENT CODE.
- 4) THERE ARE A TOTAL OF 182 OAKS, 116 PINES AND 1 MAPLE SHOWN HEREON. INCLUDED ARE SPECIMEN TREES BEING 24 INCHES AT DBH, OR LARGER, WHICH ARE HIGHLIGHTED IN RED. THERE ARE 25 SPECIMEN TREES IN TOTAL. NOTE THAT TREES IN TABLES ARE NOT IN SEQUENTIAL ORDER.
- 5) TREES THAT WILL BE IMPACTED BY CONSTRUCTION ARE SHOWN IN THE "IMPACTED COLUMN".
- 6) THE MITIGATION COLUMN CONTAINS THE RESTORATION AND REPLACEMENT MITIGATION REQUIREMENT, IN INCHES, BASED ON A RATIO OF 25% OF A PROTECTED TREES DBH AND 33% OF A SPECIMEN TREES DBH AS STATED IN SECTION 62-4345, BREVARD COUNTY LAND DEVELOPMENT CODE.
- 7) BASED ON THE TREE SURVEY AND MITIGATION TABLES, SHOWN, THE AMOUNT OF TREE-INCHES REQUIRED TO BE REPLACED IS 514.78.



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NO.	DESCRIPTION	DATE
1	ADDED NOTES & ROCK CRUSHING AREA	12/15/2025
2	ADDED NOTES	1/12/2026
3	ADDED ADDITIONAL RECHARGE DITCHES & CROSS SECTIONS	2/10/2026
4	REVISED TO ADDRESS COUNTIES CUP COMMENTS	4/27/2026

REVISIONS

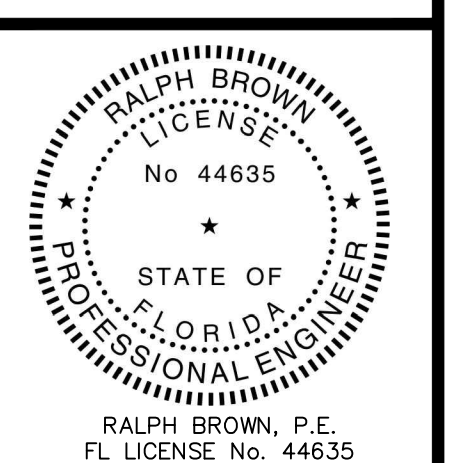
**BLUE GOOSE SURVEY & DESIGN LLC**  
 1900 NORTH OLD DIXIE HIGHWAY  
 FORT PIERCE, FLORIDA 34946  
 Phone: 772.465.7555

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SUNSHINE PHASE 3

TREE TABLES

PROJECT No.: 1686



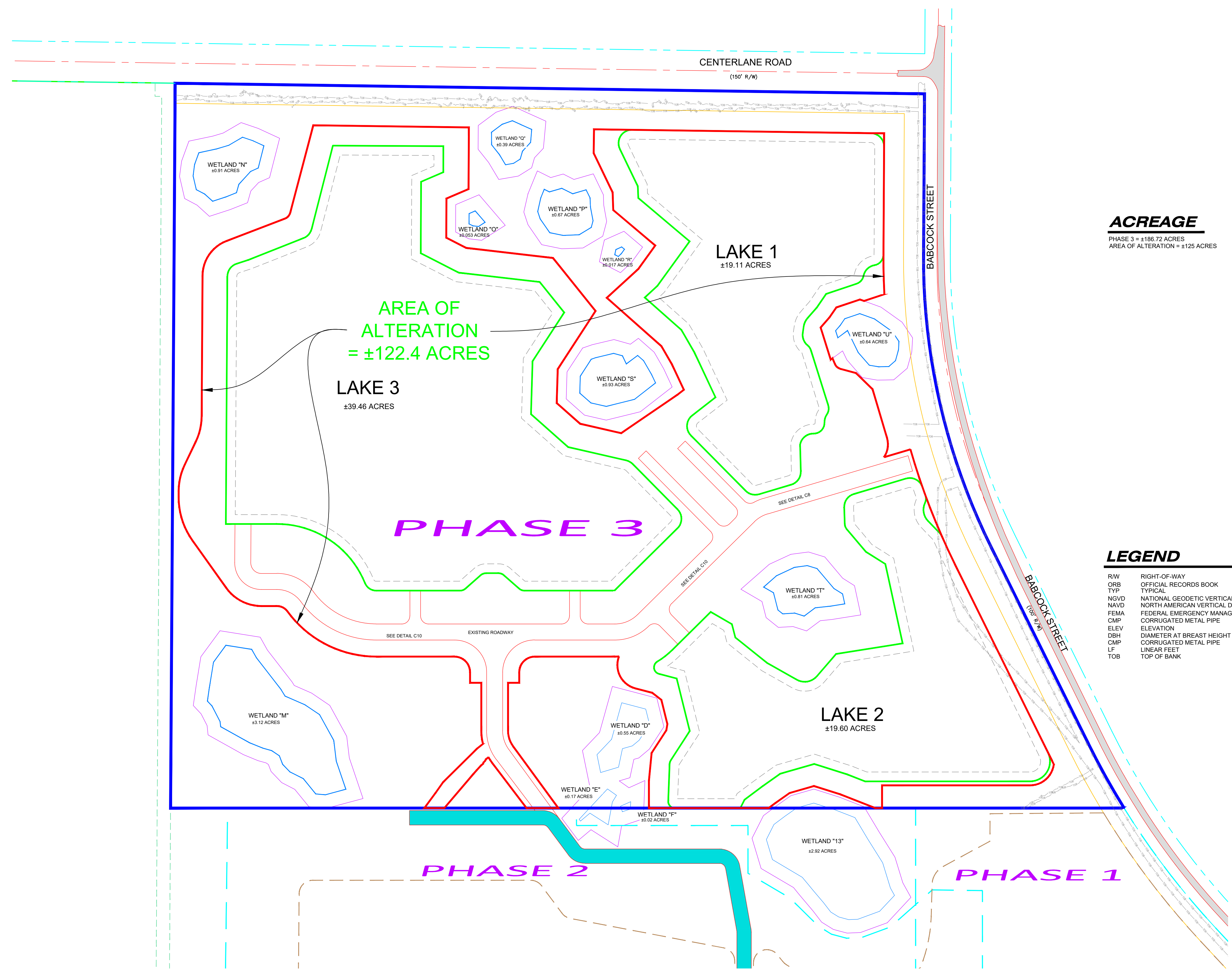
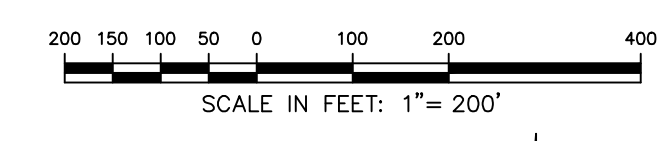
JOB No.: 1686

FILE: Sunshine Mine Ph3 Site Plan RS BC.dwg

SCALE: N/A

**C13**

SHEET No.



**ACREAGE**  
 PHASE 3 = ±186.72 ACRES  
 AREA OF ALTERATION = ±125 ACRES

**LEGEND**

- R/W RIGHT-OF-WAY
- ORB OFFICIAL RECORDS BOOK
- TYP TYPICAL
- NGVD NATIONAL GEODETIC VERTICAL DATUM
- NAVD NORTH AMERICAN VERTICAL DATUM
- FEMA FEDERAL EMERGENCY MANAGEMENT AGENCY
- CMP CORRUGATED METAL PIPE
- ELEV ELEVATION
- DBH DIAMETER AT BREST HEIGHT
- CMP CORRUGATED METAL PIPE
- LF LINEAR FEET
- TOB TOP OF BANK

NO.	DESCRIPTION	DATE
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3	ADDED ADDITIONAL RECHARGE DITCHES & CROSS SECTIONS	2/10/2026
4	REVISED TO ADDRESS COUNTIES CUP COMMENTS	4/27/2026

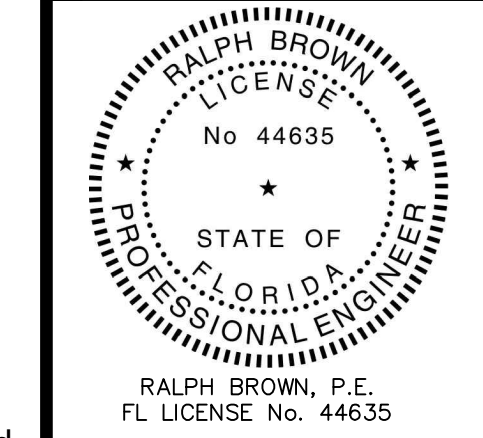
REVISIONS

**BLUE GOOSE SURVEY & DESIGN LLC**  
 1900 NORTH OLD DIXIE HIGHWAY  
 FORT PIERCE, FLORIDA 34946  
 Phone: 772.465.7555

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**SUNSHINE PHASE 3**  
 LAND ALTERATION AREA

PROJECT No.: 1686



JOB No.: 1686  
 FILE: Sunshine Mine Ph3 Site Plan R5 BC.dwg  
 SCALE: 1" = 200'

**C14**  
 SHEET No.

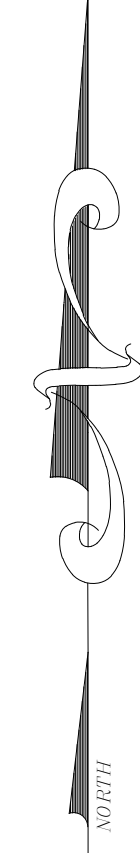
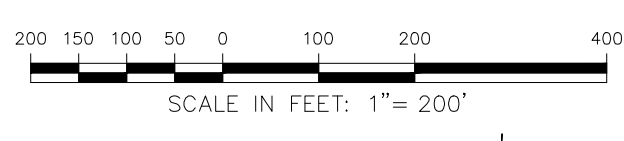
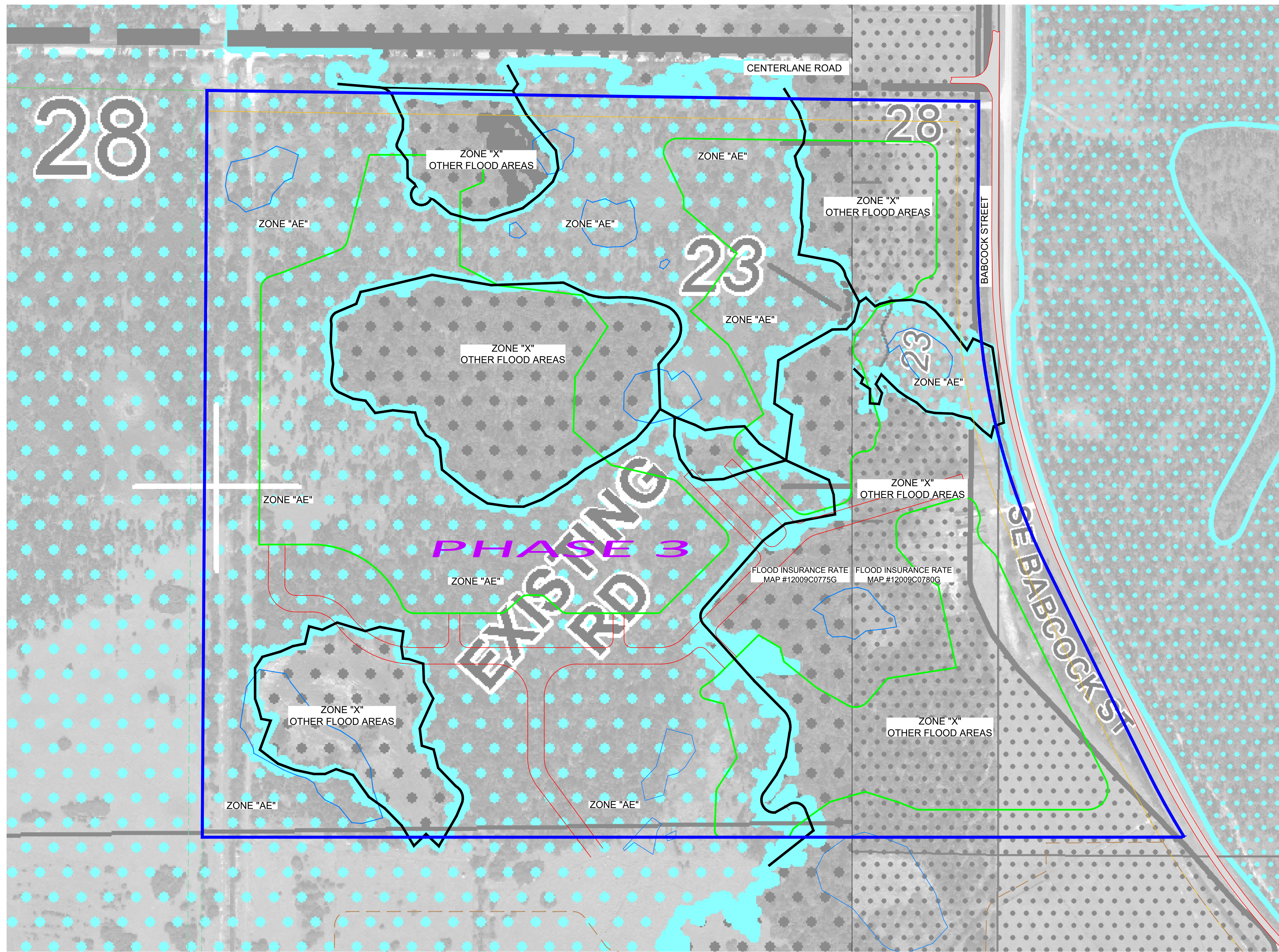
**BLUE GOOSE**  
**BLUE GOOSE SURVEY & DESIGN LLC**  
 1900 Old Dixie Hwy  
 Fort Pierce, FL 34946  
 772-465-7555



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**RALPH BROWN**  
 Date: 2026.04.28 07:43:17 -04'00'

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**NOTES**

1. ZONE "AE": BASE FLOOD ELEVATIONS DETERMINED.
2. ZONE "X" OTHER FLOOD AREAS: AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.
3. FLOOD ELEVATIONS SHOWN ON THE FEMA MAP ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
4. TO CONVERT NAVD 88 DATA TO NGVD 29 DATA, ADD A FACTOR OF 1.394.
5. SEE SHEET C1 FOR FEMA PANEL AND LEGEND DATA.

**LEGEND FEMA MAP**

- ZONE "X" OTHER FLOOD AREAS
- ZONE "AE"

**LEGEND**

- ROW RIGHT-OF-WAY
- ORB OFFICIAL RECORDS BOOK
- TYP TYPICAL
- NGVD NATIONAL GEODETIC VERTICAL DATUM
- NAVD NORTH AMERICAN VERTICAL DATUM
- FEMA FEDERAL EMERGENCY MANAGEMENT AGENCY
- CMP CORRUGATED METAL PIPE
- ELEV ELEVATION
- DBH DIAMETER AT BREST HEIGHT
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- TOB TOP OF BANK

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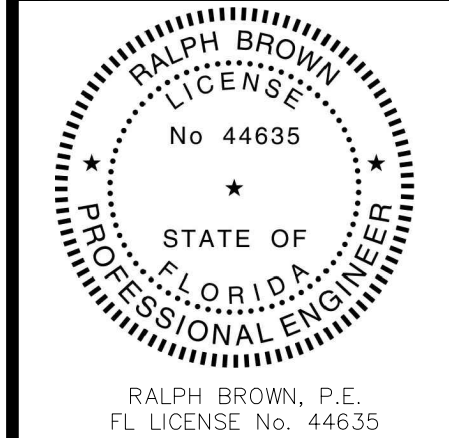
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 1900 NORTH OLD DIXIE HIGHWAY  
 FORT PIERCE, FLORIDA 34946  
 Phone: 772.465.7555

PROFESSIONAL SURVEYOR & MAPPER BUSINESS LICENSE LB8630

**SUNSHINE PHASE 3  
 PHASE 3 SITE PLAN WITH FEMA  
 OVERLAY EXHIBIT**

PROJECT No.: 1686



JOB No.: 1686

FILE: Sunshine Mine Ph3 Site Plan R5 BC.dwg

SCALE: 1" = 200'

**C15**  
SHEET No.

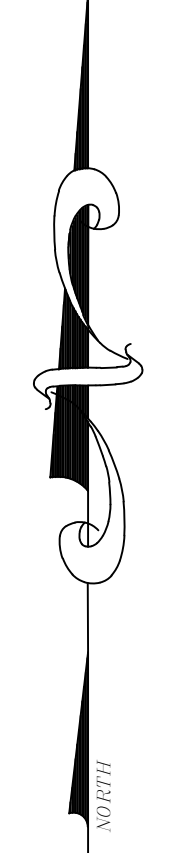
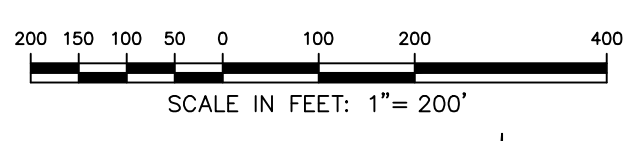
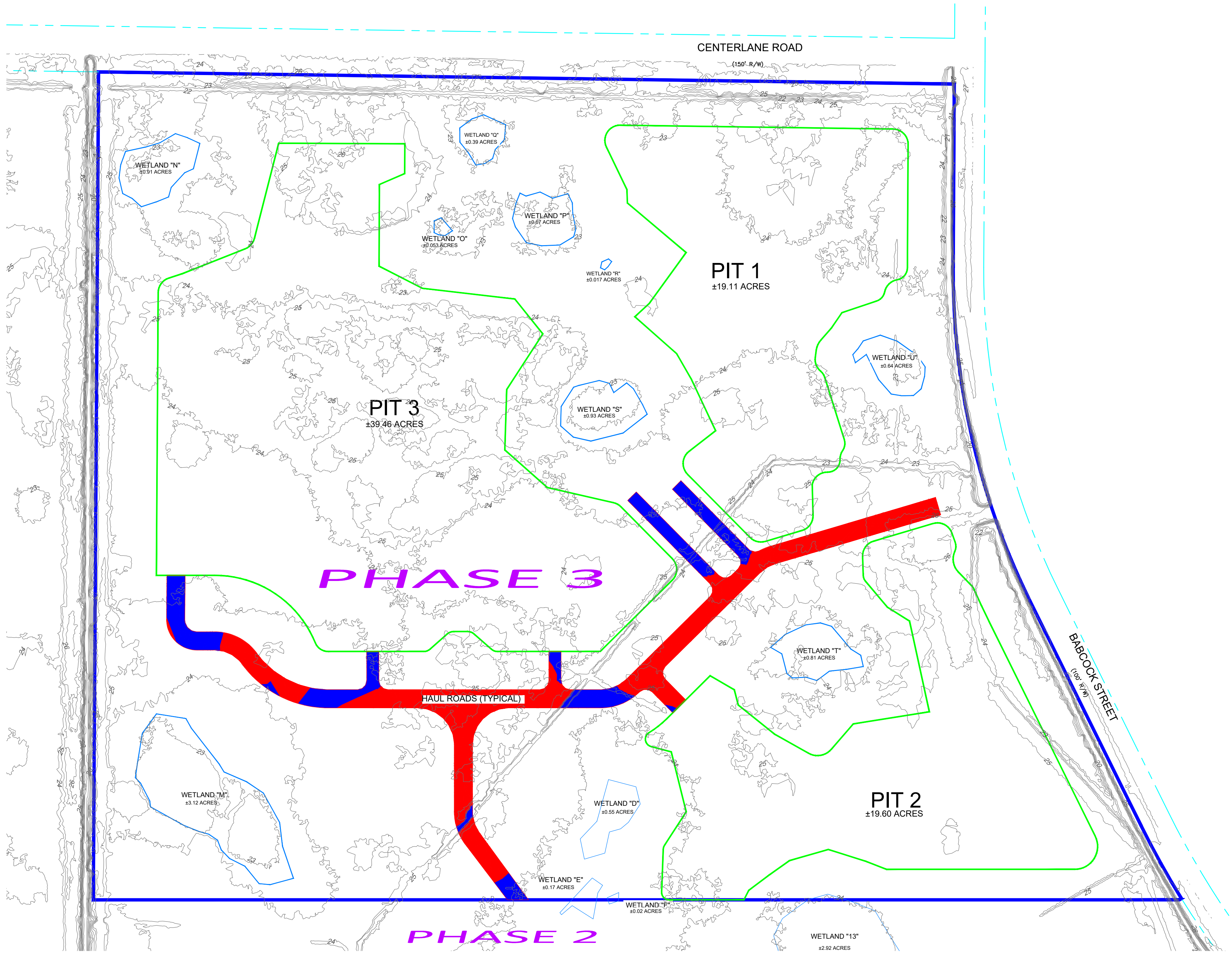
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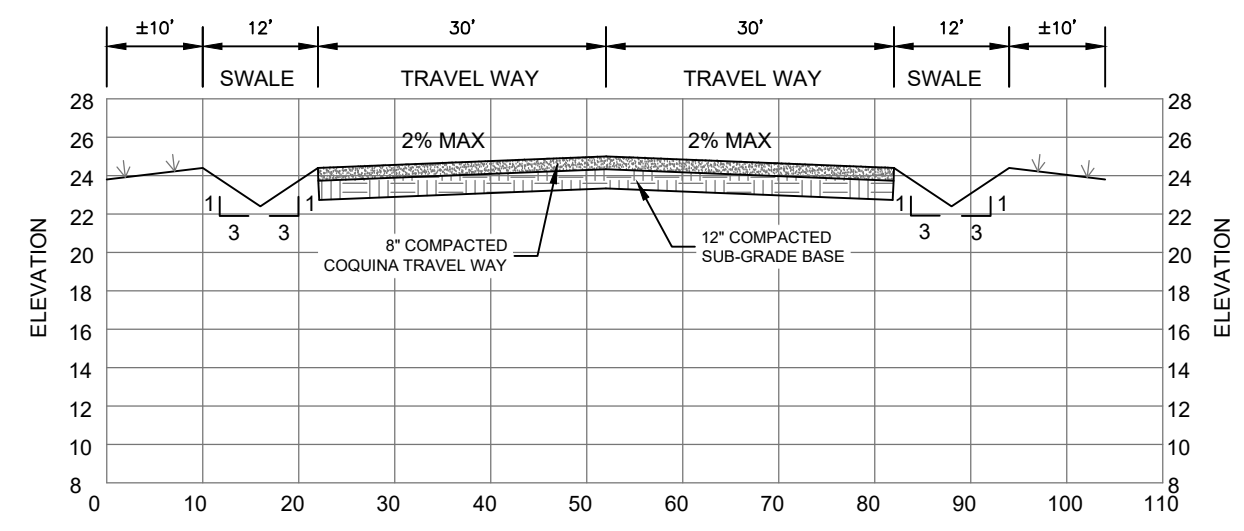
**ACREAGE**  
PHASE 3 = ±186.72 ACRES

**NOTES**

1. ALL PUMPED DISCHARGES DURING DE-WATERING OF PITS SHALL BE DISCHARGED TO RECHARGE DITCHES.
2. ALL DE-WATERING SHALL BE IN ACCORDANCE WITH THE PERMITS DE-WATERING PLAN.
3. IN SOME INSTANCES, GRAPHIC REPRESENTATIONS AND SYMBOLS SHOWN HAVE BEEN EXAGGERATED TO MORE CLEARLY ILLUSTRATE THE RELATIONSHIP BETWEEN PHYSICAL IMPROVEMENTS AND/OR LOT LINES. THE DIMENSIONS SHOWN SHALL CONTROL THE LOCATION, OF THE IMPROVEMENTS, OVER THE SCALED POSITIONS.
4. THE TOPOGRAPHIC DATA WAS BASED ON A TOPOGRAPHIC SURVEY PERFORMED BY JEFF L. HARTLEY (PSM 5716) DATED JUNE 6, 2011, AND IS IN THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29) AND IN U.S. SURVEY FEET.
5. TO CONVERT FROM THE NGVD 1929 DATUM TO THE NAVD 88 DATUM, SUBTRACT A FACTOR OF 1.394. THE CONVERSION FACTOR WAS DERIVED USING THE U.S. ARMY CORPS OF ENGINEERS PROGRAM CORPSCON VERSION 6.0.1.
6. LANDS SHOWN HEREON WERE NOT ABSTRACTED BY THIS OFFICE FOR RIGHTS-OF-WAY, EASEMENTS OF RECORD, OWNERSHIP, ABANDONMENT'S, DEED RESTRICTIONS, OR MURPHY ACT DEEDS. THIS INFORMATION SHOULD BE OBTAINED THROUGH APPROPRIATE TITLE VERIFICATION.
7. WETLANDS SHOWN HEREON WERE DELINEATED BY ERIC MULDOWNEY, E-REG CONSULTING, LLC, ON JULY 9, 2025, AND MAPPED BY BLUE GOOSE CONSTRUCTION LLC. THE WETLANDS SHOWN HEREON WERE SITE INSPECTED AND APPROVED BY JUSTIN DAHL WITH ST. JOHNS RIVER WATER CONTROL DISTRICT ON JANUARY 8, 2026.
8. ALL HAUL ROADS SHALL BE CONSTRUCTED WITH ROAD SIDE SWALES. TYPICAL ROADS WILL BE ELEVATION 25.0 FEET, NGVD 1929.
9. TOP OF BANK OF PROPOSED PITS WILL BE ELEVATION 24.0, NGVD 1929.
10. THE 100 YEAR FLOOD PLAIN ELEVATION, PROVIDED BY ST. JOHNS RIVER WATER MANAGEMENT DISTRICT IS BASED ON THE ST. JOHNS RIVER AT ELEVATION 24.2, NGVD 1929.

**LEGEND**

- RW RIGHT-OF-WAY
- ORB OFFICIAL RECORDS BOOK



**ROADWAY CROSS SECTION (TYPICAL)**

H: 1" = 20'  
V: 1" = 10'

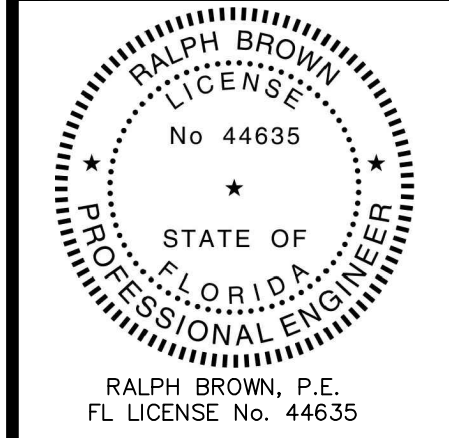
Elevations Table					
Number	Minimum Elevation	Maximum Elevation	Color	Area	Volume
1	22.900	24.200	Blue	85549.51 FT2	12515.70 CUYD
2	24.200	26.000	Red	187823.47 FT2	4709.35 CUYD

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**BLUE GOOSE SURVEY & DESIGN LLC**  
1900 NORTH OLD DIXIE HIGHWAY  
FORT PIERCE, FLORIDA 34946  
Phone: 772.465.7555  
PROFESSIONAL SURVEYOR & MAPPER BUSINESS LICENSE LB8630

**SUNSHINE STATE WILDLIFE CONSERVATION, LLC**  
BREVARD COUNTY, FLORIDA  
FEMA FLOOD PLAIN EXHIBIT PHASE 3

PROJECT No.: 1686



JOB No.: 1686  
FILE: R4.dwg  
SCALE: 1" = 200'

**C16**  
SHEET No.



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