

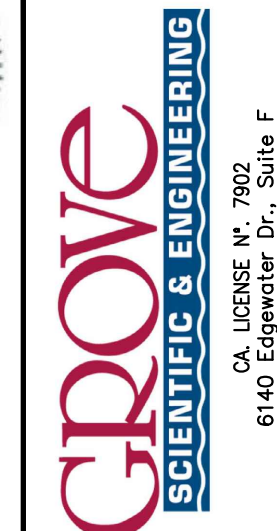
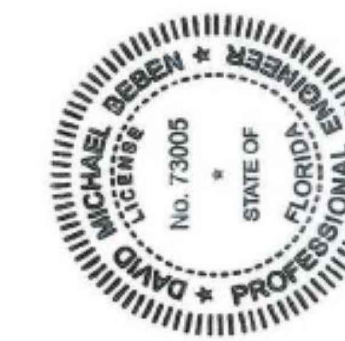
PIT #205 - EXCAVATION CONSTRUCTION PLANS

BISHOP & BUTTREY, INCORPORATED

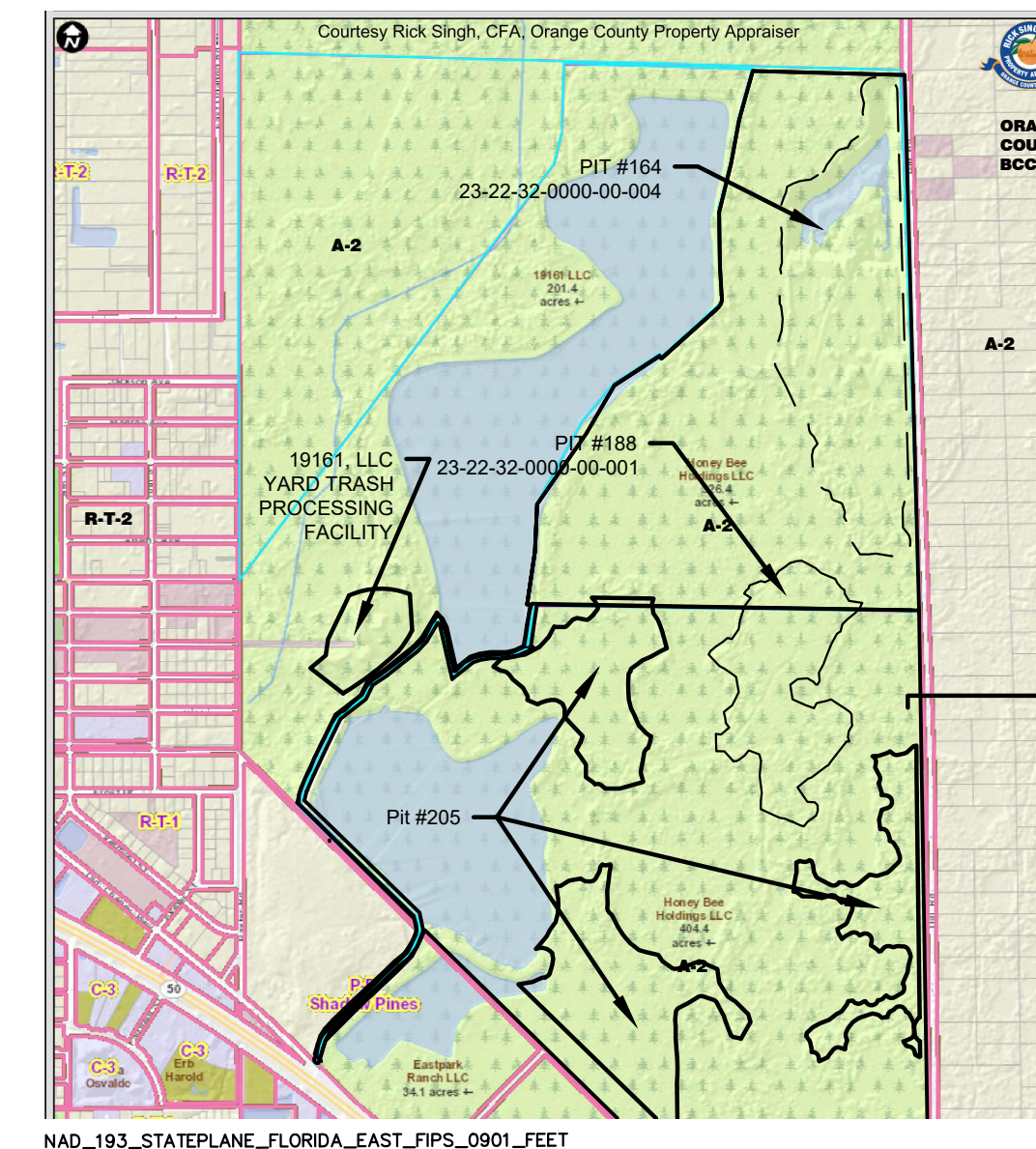
PARCEL IDS # 23-22-32-0000-00-001 & 23-22-32-0000-00-004

18997 OLD CHENEY HIGHWAY,
BITHLO, FL 32820

LATEST REVISION AUGUST 2024



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ZONING MAP

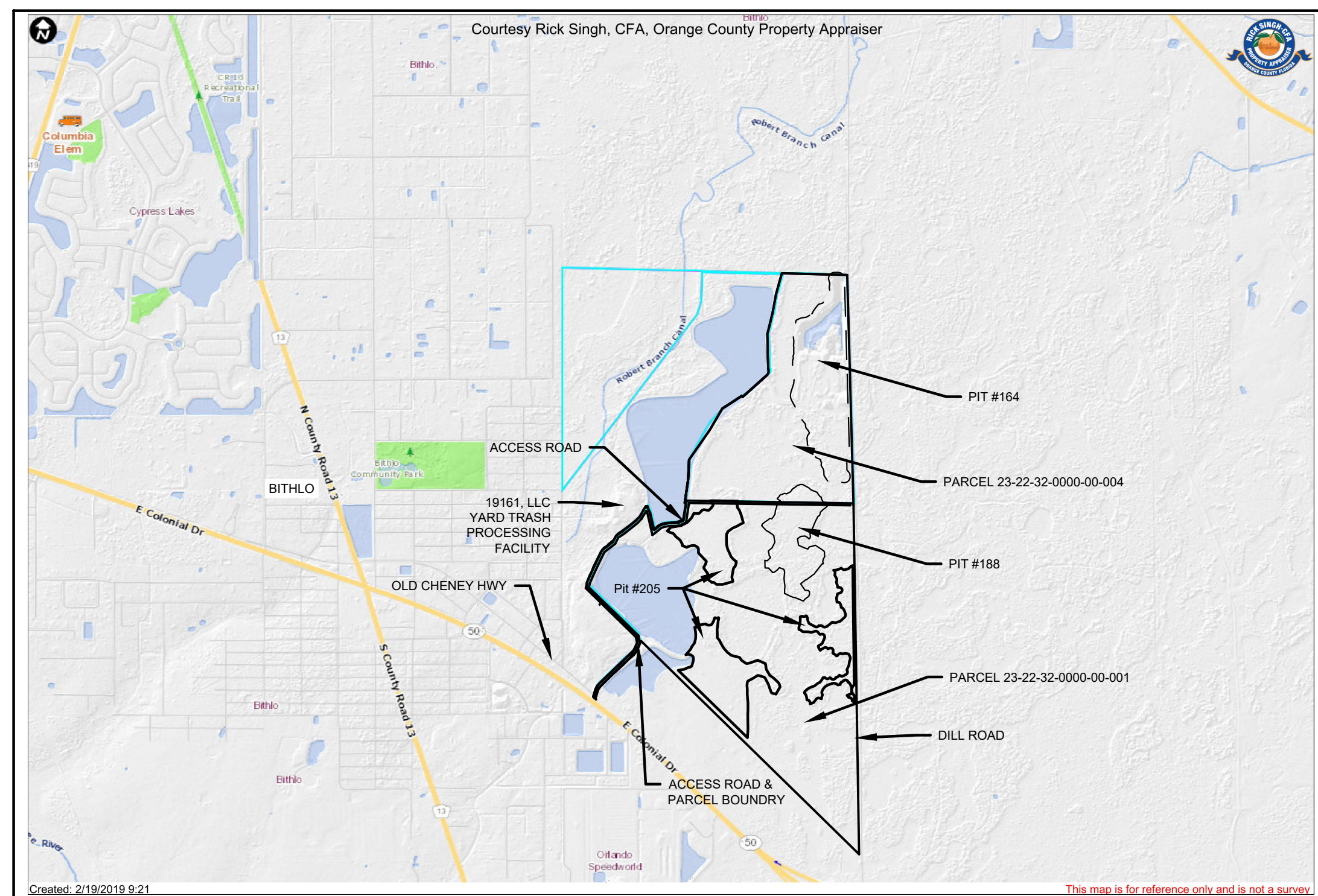
INDEX OF DRAWINGS

- 1.- COVER SHEET
- 2.- EXISTING CONDITIONS
- 3.- OVERALL SITE PLAN
- 3A.- SITE PLAN PHASE 1
- 3B.- SITE PLAN PHASE 2
- 3C.- SITE PLAN PHASE 3
- 3D.- RESTORATION PLAN
- 4.- CROSS-SECTIONS
- 5.- PROJECT NOTES AND PHASE 1 ROAD PLAN
- 6.- DETAILS

LEGAL DESCRIPTION

23-22-32-0000-00-001
 COMM AT THE SW CORNER OF SEC 23-22-32 TH S89-05-55E 9 FT TH S45-46-01E 1906.85 FT TH N11-23-31W 70.85 FT TH N45-46-01W 1238.29 FT TH N01-52-07E 5.67 FT TH N14-16-47E 78.42 FT TH N23-14-36E 130.19 FT TH N25-01-05E 230.85 FT TH N26-01-49E 257.7 FT TH N52-14-55E 246.19 FT TH S25-57-16E 121.62 FT TH N56-32-46E 136.64 FT TH N51-26-48E 297.41 FT TH N42-49-22E 98.83 FT TH N30-58-21E 189.83 FT TH S26-07-11E 80.4 FT TH S12-56-26E 371.13 FT TH N51-36-03E 187 FT TH N71-28-48E 62.28 FT TH N81-52-10E 82.72 FT TH N89-53-48E 121.71 FT TH N77-41-03E 66.35 FT TH N65-49-02E 108.49 FT TH N08-23-25E 342.26 FT TH S89-09-15E 2949.7 FT TH S02-00-45E 1152.75 FT TH S00-40-25E 5079.21 FT TH N45-46-01W 5492.07 FT TO POB AND A 20 FT ACCESS RD FURTHER DESCRIBED AS COMM AT REF POINT B TH S11-23-31E 53.13 FT TO POB TH S45-46-01E 26.41 FT TH S21-02-53W 89.7 FT TH S30-36-46W 89.33 FT S36-14-24W 52.6 FT TH S51-04-14W 97.21 FT TH N45-43-52W 164.19 FT TH S47-23-56W 169.7 FT TH S46-54-27W 140.49 FT TH S45-23-42W 128.2 FT TH S46-39-29W 53.19 FT TH S42-48-58W 83.99 FT TH S31-13-29W 51.01 FT TH S18-18-49W 62.51 FT TH S15-42-29W 108.03 FT TH N45-00-40W 22.93 FT TH N15-42-29E 97.27 FT TH N18-18-49E 65.23 FT TH N31-13-29E 55.3 FT TH N42-48-58E 86.69 FT TH N46-39-29E 53.64 FT TH N45-23-42E 128.24 FT TH N46-54-27E 140.84 FT TH N47-23-56E 169.49 FT TH N45-43-52E 164.83 FT TH N51-04-14E 95.54 FT TH N36-14-24E 49.01 FT TH N30-36-46E 86.68 FT TH N21-02-53E 91.69 FT TH N11-23-31W 7.98 FT TO POB & THAT PORTION OF VACATED R/W PER 9794/1925

23-22-32-0000-00-004
 BEGIN AT THE NW COR OF SEC 23-22-32 E TH S 88-29-08E 5070.25 FT TO A LINE 33 FT W OF AND PARALLEL TO THE E LINE OF SAID SEC 23 TH S02-00-45E ALONG SAID LINE 4114.38 FT TH N89-09-15W 2949.70 FT TH S08-23-25E 342.26 FT TH S85-49-01W 108.49 FT TH S77-41-03W 70.57 FT TH N89-53-48W 121.71 FT TH S81-52-10W 82.72 FT TH S71-28-48W 62.28 FT TH S51-36-03W 187 FT TH N12-56-26W 371.13 FT TH N26-07-11W 80.4 FT TH S30-58-21W 189.83 FT TH S42-49-22W 98.83 FT TH S51-26-48W 297.41 FT TH S56-32-46W 136.64 FT TH S25-57-16W 121.62 FT TH S52-14-55W 246.19 FT TH S26-01-49W 257.7 FT TH S25-01-05W 230.85 FT TH S23-14-36W 130.19 FT TH S14-16-47W 78.42 FT TH S01-52-07W 5.67 FT TH S45-46-01E 1238.29 FT TH S11-23-31E 70.85 TO REF POINT A TH N45-46-01W 35.42 FT TH N11-23-31W 35.42 FT TH N45-46-01W 1240.93 FT TH N01-52-07E 16.67 FT TH N14-16-47E 82.16 FT TH N23-14-36E 132.07 FT TH N25-01-05E 231.34 FT TH N26-01-49E 257.72 FT TH N52-14-55E 246.19 FT TH N51-36-03E 187 FT TH N71-28-48E 62.28 FT TH N81-52-10E 82.72 FT TH N89-53-48E 121.71 FT TH N77-41-03E 66.35 FT TH N65-49-02E 108.49 FT TH N08-23-25E 342.26 FT TH S89-09-15E 2949.7 FT TH S02-00-45E 1152.75 FT TH S00-40-25E 5079.21 FT TH N45-46-01W 5492.07 FT TO POB AND A 20 FT ACCESS RD FURTHER DESCRIBED AS COMM AT REF POINT B TH S11-23-31E 53.13 FT TO POB TH S45-46-01E 26.41 FT TH S21-02-53W 89.7 FT TH S30-36-46W 89.33 FT S36-14-24W 52.6 FT TH S51-04-14W 97.21 FT TH N45-43-52W 164.19 FT TH S47-23-56W 169.7 FT TH S46-54-27W 140.49 FT TH S45-23-42W 128.2 FT TH S46-39-29W 53.19 FT TH S42-48-58W 83.99 FT TH S31-13-29W 51.01 FT TH S18-18-49W 62.51 FT TH S15-42-29W 108.03 FT TH N45-00-40W 22.93 FT TH N15-42-29E 97.27 FT TH N18-18-49E 65.23 FT TH N31-13-29E 55.3 FT TH N42-48-58E 86.69 FT TH N46-39-29E 53.64 FT TH N45-23-42E 128.24 FT TH N46-54-27E 140.84 FT TH N47-23-56E 169.49 FT TH N45-43-52E 164.83 FT TH N51-04-14E 95.54 FT TH N36-14-24E 49.01 FT TH N30-36-46E 86.68 FT TH N21-02-53E 91.69 FT TH N11-23-31W 7.98 FT TO POB & THAT PORTION OF VACATED R/W PER 9794/1925



LOCATION MAP

NOT TO SCALE

SITE DATA

PROPOSED USES: EXCAVATION
 EXISTING USE: PASTURE
 ZONING: AGRICULTURAL (A-2)
 BUILDINGS: N/A
 OPEN SPACE: ±404 ACRES
 EXCAVATION PITS / LAKES: 73.9 ACRES
 IMPERVIOUS (EXCLUDING WATER BOUNDARIES): 0.7 AC
 BUILDING HEIGHTS:
 BUILDINGS: N/A
 STORM WATER MANAGEMENT: ST. JOHN'S RIVER WATER MANAGEMENT DISTRICT - ERP - TBD
 SETBACKS:
 RESIDENCES / STRUCTURES: 250 FEET
 WETLANDS WITHIN ECON PROTECTION AREA MIN 25' / AVG 50 FEET
 WETLANDS OUTSIDE ECON PROTECTION AREA MIN 15' / AVG 25 FEET
 EAST PROPERTY LINE: 25 FEET
 NORTH PROPERTY LINE: 0 FEET (SAME OWNER AND LAND USE)
 PROPERTY LINE EVERYWHERE ELSE: 50 FEET
 ROADWAYS 200 FEET
 PHASING: SEE SHEET 3
 VEGETATION: PASTURE
 WATER SERVICE: NONE, IRRIGATION WELL
 WASTEWATER SERVICE: NONE - PORTABLE TOILETS
 REFUSE STORAGE: N/A
 EASEMENT: SEE SURVEY
 PARKING: N/A
 LANDSCAPE: PER CODE 16-8(a)(3) AND 15, ARTICLE XI SECTION 44216
 TREE SURVEY: IN PROCESS
 CAD #21-03-052
 CAI #24-02-006

APPLICANT: BISHOP & BUTTREY INCORPORATED
 933 LEE ROAD, SUITE 202
 ORLANDO, FL 32810
 P: 407-277-4477
 CONTACT: VIC McCALL

OWNER: HONEY BEE HOLDINGS, LLC
 3401 MALLORY LANE, SUITE 100
 FRANKLIN, TN 37067
 P: 314-605-3598

ENGINEER: GROVE SCIENTIFIC & ENGINEERING
 6140 EDGEWATER DR., SUITE F
 ORLANDO, FL 32810
 CONTACT: JAMES GOLDEN, P.G.
 P: 407-298-2282

SURVEYOR: ELLIS SURVEYS, LLC
 475 W. LAKE BRANTLEY ROAD
 ATLAMONTE SPRINGS, FL 32714
 CONTACT: ROBERT ELLIS
 P: 407-834-4003

GEOTECHNICAL: UNIVERSAL ENGINEERING SCIENCES, INC.
 3532 MAGGIE BLVD.
 ORLANDO, FL 32811
 P: 407-423-0504

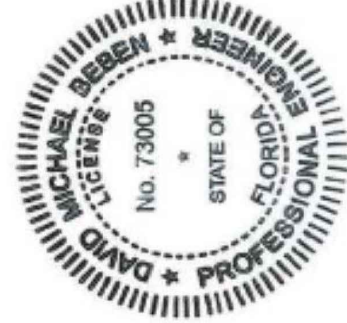
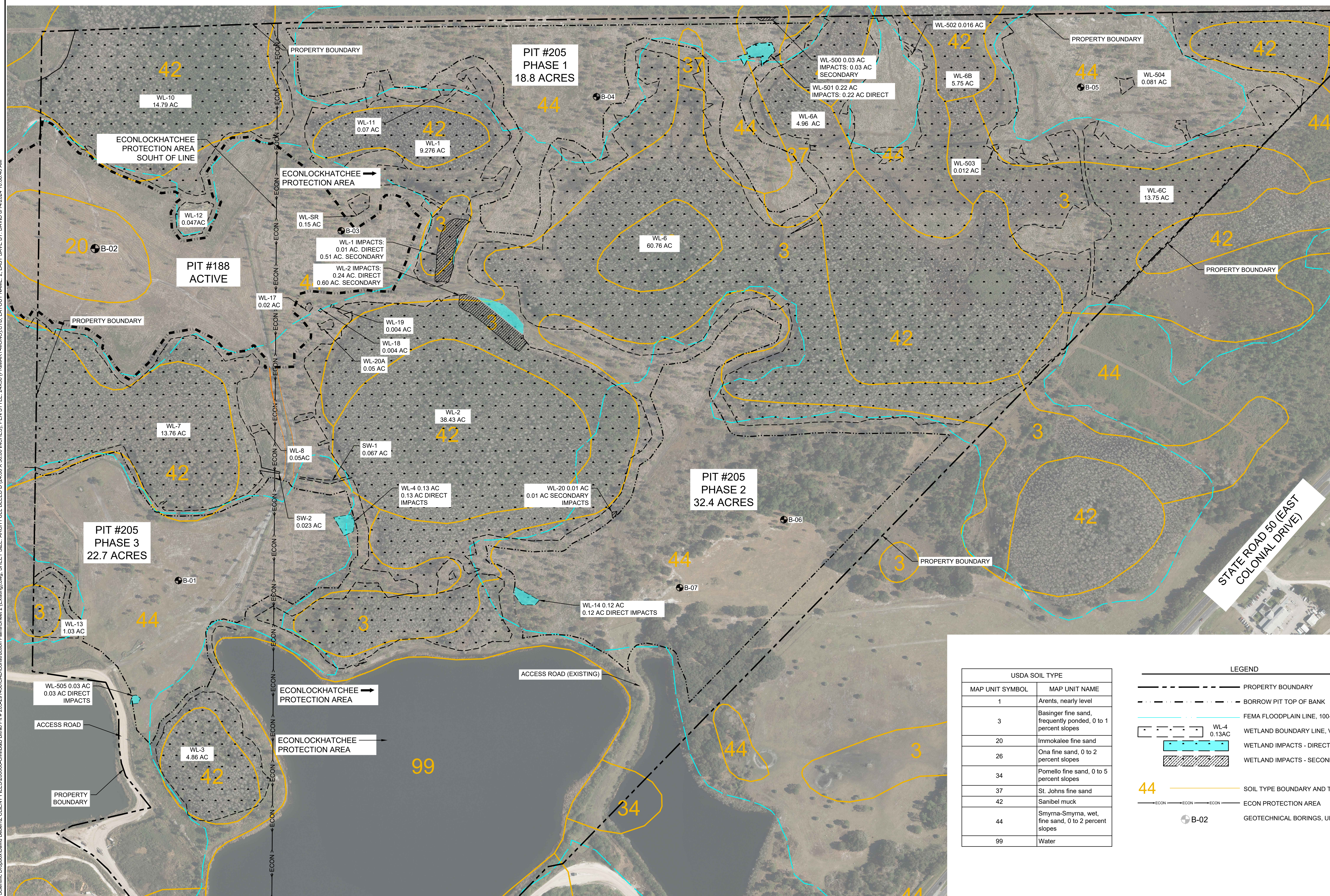
BIOLOGIST: VHB
 225 E. ROBINSON STREET, SUITE 300
 ORLANDO, FL 32801
 P: 407-839-4006

DATE	BY	DESIGNED	DRAWN	CHECKED	FILED
12/2023	JG				
12/2023	THM				
12/2023	DB				

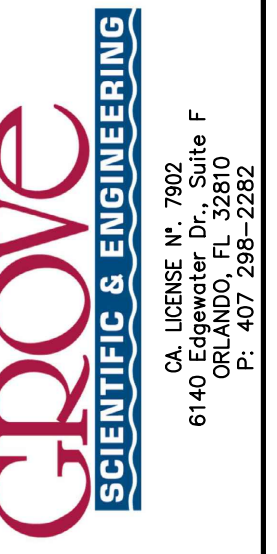
DATE	OC PUBLIC WORKS COMMENTS	OC EPD - CAI RAI-2	OC DRC & EPD COMMENTS	OC PUBLIC WORKS COMMENTS	REVISIONS
08/2024					
07/2024					
04/2024					
02/2024					

COVER SHEET	BISHOP & BUTTREY, INCORPORATED	BITHLO, FLORIDA 32820
PROJECT NO.	291436	
SHEET	1	

C:\Users\David\Grove Scientific\Dropbox\David Beben\PE CLIENT FILES\2020000-Civil\B&B Bithlo Pit # 205-2018\B&B Construction Plans\Sheet 1 (Cover Sheet).dwg, SHEET SIZE: USER2023, PEN STYLE: MONO.DTL, LAYOUT NAME: SHEET 1, LAST SAVE BY: DAVID B. BEBEN, 10:04:44 AM



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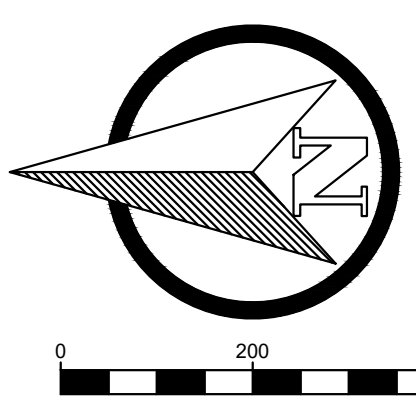


DAVID BEBEN, P.E.
P.E. No.: 73005, FL
Grove Scientific & Engineering
FBPE No. 7902

DATE	BY	DESIGNED	CHECKED	FILED	REVISIONS	COMMENTS
12/2023	JG					OC PUBLIC WORKS COMMENTS
12/2023	THM					OC-EPD - CAI RAI-2
12/2023	DB					OC DRC & EPD COMMENTS
12/2023	DB					OC PUBLIC WORKS COMMENTS
						DATE

USDA SOIL TYPE	
MAP UNIT SYMBOL	MAP UNIT NAME
1	Arents, nearly level
3	Basinger fine sand, frequently ponded, 0 to 1 percent slopes
20	Immokalee fine sand
26	Ona fine sand, 0 to 2 percent slopes
34	Pomello fine sand, 0 to 5 percent slopes
37	St. Johns fine sand
42	Sanibel muck
44	Smyrna-Smyrna, wet, fine sand, 0 to 2 percent slopes
99	Water

LEGEND	
	PROPERTY BOUNDARY
	BORROW PIT TOP OF BANK
	FEMA FLOODPLAIN LINE, 100-YEAR
	WETLAND BOUNDARY LINE, VHB DECEMBER 2023
	WETLAND IMPACTS - DIRECT
	WETLAND IMPACTS - SECONDARY
	SOIL TYPE BOUNDARY AND TYPE
	ECON PROTECTION AREA
	GEOTECHNICAL BORINGS, UES 2020



EXISTING CONDITIONS
BISHOP & BUTTREY, INCORPORATED
BITHLO, FLORIDA 32820

PROJECT NO.
291436
SHEET
2

C:\Users\David\Grove Scientific\Dropbox\David Beben\2024\08\20\0000-Civil\B&E\Bibb\PI # 205-291436\CA\Construction Plans\Sheet 2 (Existing).dwg, SHEET SIZE: ARCH FULL BLEED D (24.00 X 36.00 INCHES), PEN STYLE: 24X36 (PRIMARY-AKNO)CTB, LAYOUT NAME: 2, LAST SAVE BY: DAVID B14/2024 10:08:40 AM



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DAVID BEBEN, P.E.
P.E. No.: 73005, FL
Grove Scientific & Engineering
FBPE No. 7902

DATE	BY	REVISIONS
12/2023	JG	DESIGNED
12/2023	THM	DRAWN
12/2023	DB	CHECKED
	JG	REVISED

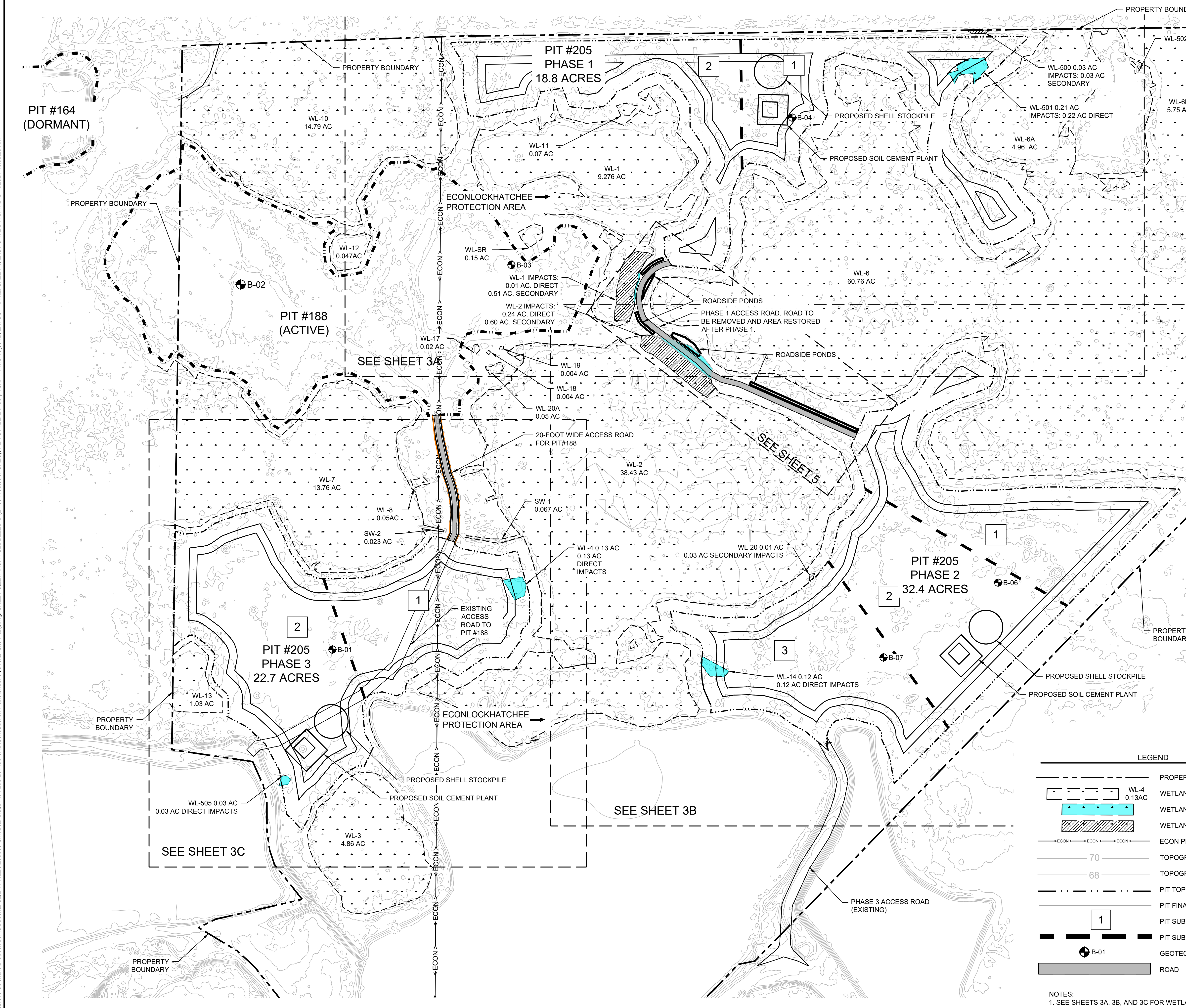
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07/2024	JG	OC-EPD - CAI RAI-2
04/2024	JG	OC DRC & EPD COMMENTS
02/2024	JG	OC PUBLIC WORKS COMMENTS

DATE	BY	REVISIONS
08/2024	JG	OC PUBLIC WORKS COMMENTS
07/2024	JG	OC-EPD - CAI RAI-2
04/2024	JG	OC DRC & EPD COMMENTS
02/2024	JG	OC PUBLIC WORKS COMMENTS

OVERALL SITE PLAN
BISHOP & BUTTNEY, INCORPORATED
PIT #205
BITHLO, FLORIDA 32820

PROJECT NO.
291436

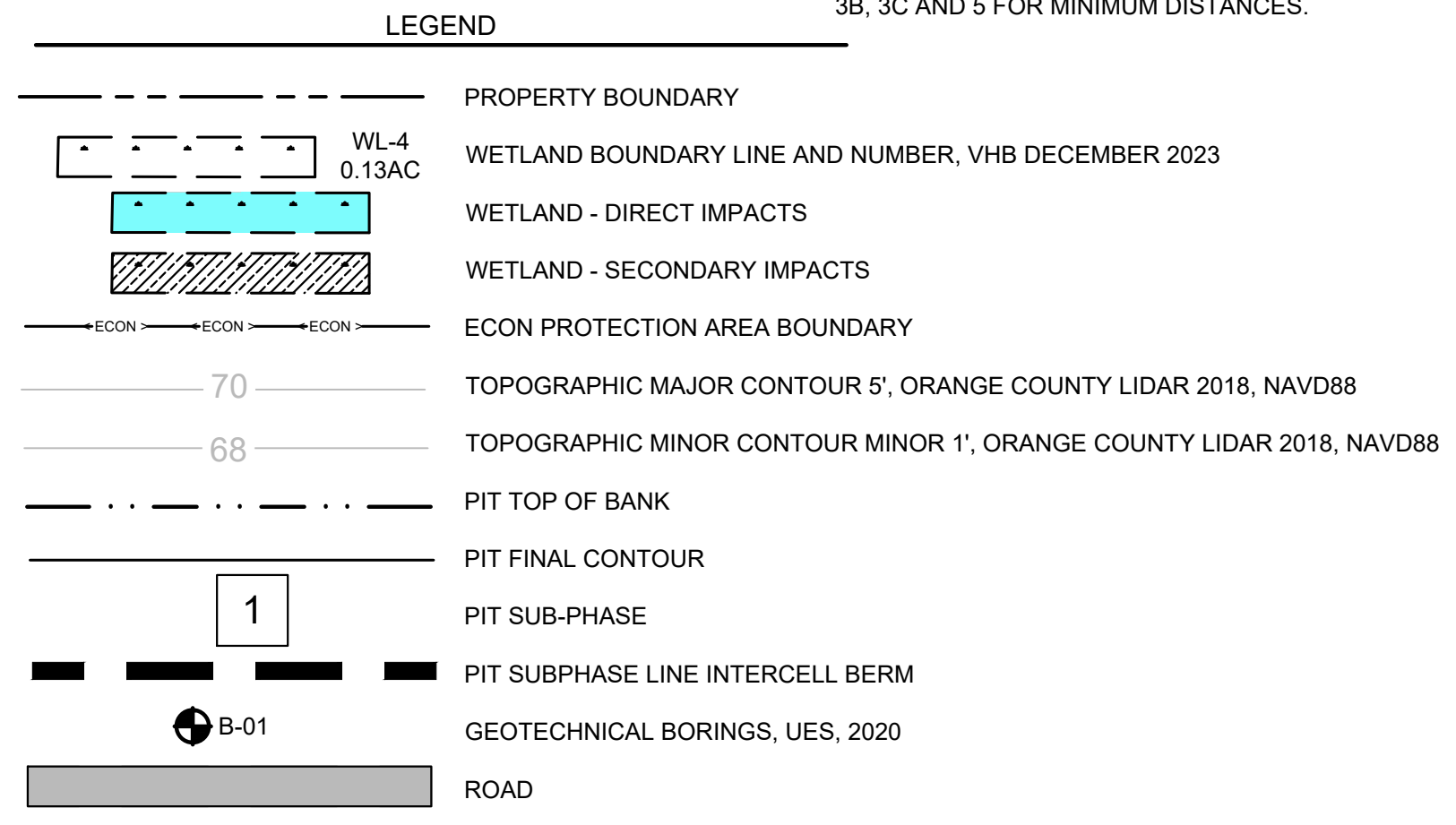
SHEET
3



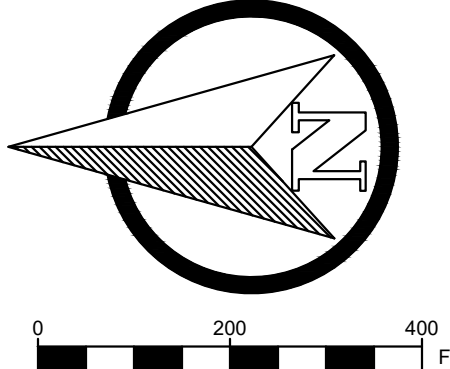
AREA	DIRECT IMPACT (AC.)	SECONDARY IMPACT (AC.)	PRESERVED AREA (AC.)	TOTAL AREA (AC.)	WETLAND BUFFER DISTANCE	
					AVG. (FT.)	MIN. (FT.)
WL-1	0.01	0.51	8.756	9.276	55.2	39.5
WL-2	0.24	0.60	37.590	38.430	50.0	25.0
WL-3	0.00	0.00	4.860	4.860	25.0	25
WL-4	0.13	0.00	0.000	0.133	MITIGATED	
WL-6	0	0.00	60.760	60.760	54.4	25.0
WL-6A	0.00	0.00	4.960	4.960	56.2	39.5
WL-7	0.00	0.00	0.00	13.760	25.0	25.0
WL-10	0.00	0.00	14.790	14.790	56.4	36.4
WL-11	0.00	0.00	0.070	0.070	52.3	34.5
WL-13	0.00	0.00	1.030	1.030	25.0	25.0
WL-14	0.12	0.00	0.000	0.116	MITIGATED	
WL-20	0.00	0.01	0.000	0.010	MITIGATED	
WL-500	0.00	0.03	0.000	0.026	MITIGATED	
WL-501	0.22	0.00	0.000	0.221	MITIGATED	
WL-505	0.03	0.00	0.027	0.030	MITIGATED	
SW-1	0.00	0	0.067	0.067	50.0	50.0
SW-2	0.00	0	0.023	0.023	25.0	25.0
UPLAND IMPACT	0.29					
TOTALS	0.75	1.15	132.933	148.562		

	REQUIRED AREA (SEE NOTE 3)	PROVIDED AREA
WETLAND BUFFER AREA - UNDISTURBED VEGETATED NATURAL STATE	16.30 ACRES	19.59 ACRES

NOTES:
1. ONLY WETLANDS AND SURFACE WATERS THAT ARE ADJACENT TO THE PROJECT AREA FOR PIT #205 ARE DISPLAYED IN THESE TABLES.
2. REFER TO SHEETS 3A, 3B, 3C, AND 5 FOR WETLAND BUFFER ZONE AREAS.
3. A 25 FT. WETLAND BUFFER DISTANCE HAS BEEN PROVIDED ON ALL WETLANDS OUTSIDE OF THE ECON PROTECTION ZONE. A MINIMUM 25 FT. AND 50 FT. AVERAGE WETLAND BUFFER DISTANCE WITHIN THE ECON PROTECTION ZONE. SEE SHEETS 3A, 3B, 3C AND 5 FOR MINIMUM DISTANCES.



NOTES:
1. SEE SHEETS 3A, 3B, AND 3C FOR WETLAND UPLAND BUFFER ZONES, RECHARGE TRENCHES, ROADS INSIDE PIT PHASES, SILT FENCE, EROSION CONTROL BERMS, SETTLING PONDS, RIM DITCHES, AND SIGNAGE.



C:\Users\David\Grove Scientific\Dropbox\David Beben\2024\08\2024\OC\Construction Plans\Sheet 3 (Overall Site Plan).dwg, SHEET SIZE: ARCH FULL BLEED D (24.00 X 36.00 INCHES), PEN STYLE: 24X36 (PRIMARY-MONO), CTB: LAYOUT NAME: SHEET 1, LAST SAVE BY: DAVID BEBEN, LAST SAVE DATE: 08/07/2024 10:09:29 AM