

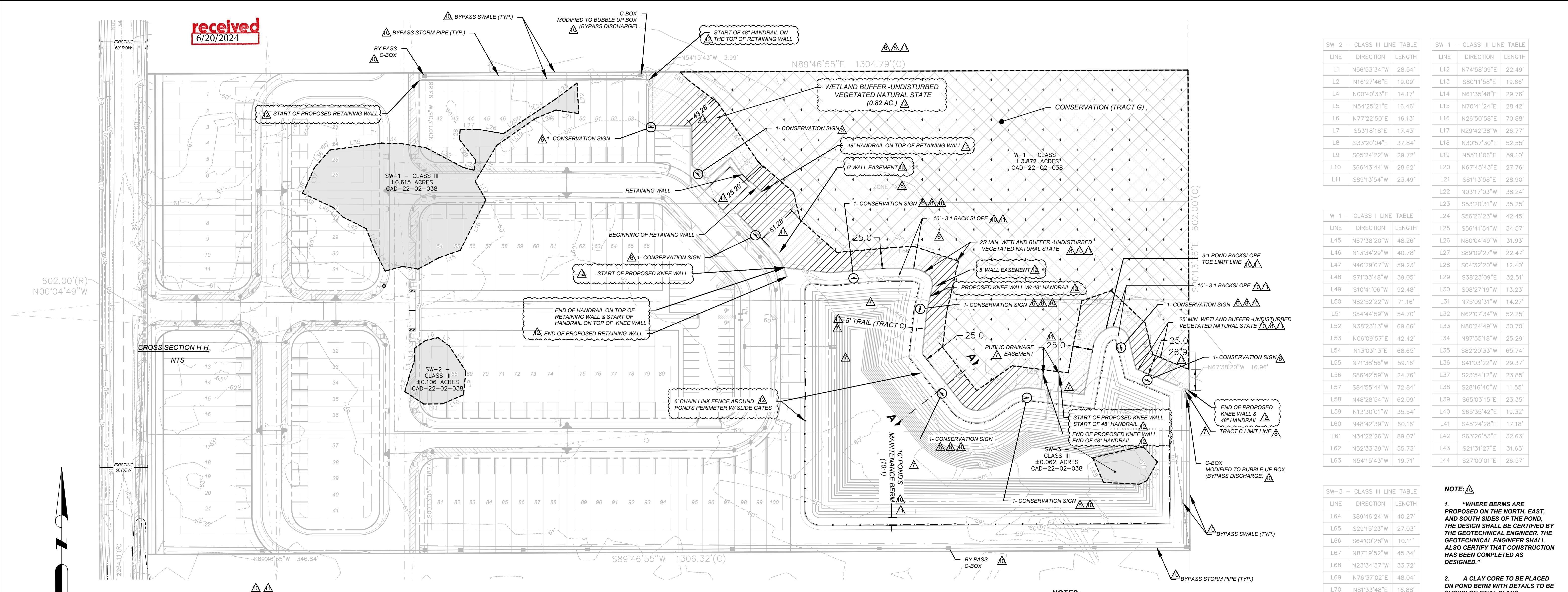
SW-1, to be impacted



W-1, to be preserved



received
6/20/2024



SW-2 - CLASS III LINE TABLE

LINE	DIRECTION	LENGTH
L1	N56°53'34"W	28.54'
L2	N16°27'46"E	19.09'
L4	N00°40'33"E	14.17'
L5	N54°25'21"E	16.46'
L6	N77°22'50"E	16.13'
L7	S53°18'18"E	17.43'
L8	S33°20'04"E	37.84'
L9	S05°24'22"W	29.72'
L10	S66°43'44"W	28.62'
L11	S89°13'54"W	23.49'
L12	N74°58'09"E	22.49'
L13	S80°11'58"E	19.66'
L14	N61°35'48"E	29.76'
L15	N70°41'24"E	28.42'
L16	N26°50'58"E	70.88'
L17	N29°42'38"W	26.77'
L18	N30°57'30"E	52.55'
L19	N55°11'06"E	59.10'
L20	N67°45'43"E	27.76'
L21	S81°13'58"E	28.90'
L22	N03°17'03"W	38.24'
L23	S53°20'31"W	35.25'

SW-1 - CLASS III LINE TABLE

LINE	DIRECTION	LENGTH
L24	S56°26'23"W	42.45'
L25	S56°41'54"W	34.57'
L26	N67°38'20"W	48.26'
L27	N80°04'49"W	31.93'
L28	N13°34'29"W	40.78'
L29	S89°09'27"W	22.47'
L30	S04°32'20"W	12.40'
L31	S08°23'09"E	32.51'
L32	S08°27'19"W	13.23'
L33	N80°24'49"W	30.70'
L34	N87°55'18"W	25.29'
L35	S82°20'33"W	65.74'
L36	S41°03'22"W	29.37'
L37	S23°54'12"W	23.85'
L38	S28°16'40"W	11.55'
L39	S65°03'15"E	23.35'
L40	S65°35'42"E	19.32'
L41	S45°24'28"E	17.18'
L42	S63°22'53"E	32.63'
L43	S21°31'27"E	31.65'
L44	S27°00'01"E	26.57'

SW-3 - CLASS III LINE TABLE

LINE	DIRECTION	LENGTH
L64	S89°46'24"W	40.27'
L65	S29°15'23"W	27.03'
L66	S64°00'28"W	10.11'
L67	N87°19'52"W	45.34'
L68	N23°34'37"W	33.72'
L69	N76°37'02"E	48.04'
L70	N81°33'48"E	16.88'
L71	S43°29'10"E	25.64'

NOTE: 1. "WHERE BERMS ARE PROPOSED ON THE NORTH, EAST, AND SOUTH SIDES OF THE POND, THE DESIGN SHALL BE CERTIFIED BY THE GEOTECHNICAL ENGINEER. THE GEOTECHNICAL ENGINEER SHALL ALSO CERTIFY THAT CONSTRUCTION HAS BEEN COMPLETED AS DESIGNED." 2. A CLAY CORE TO BE PLACED ON POND BERM WITH DETAILS TO BE SHOWN ON FINAL PLANS.

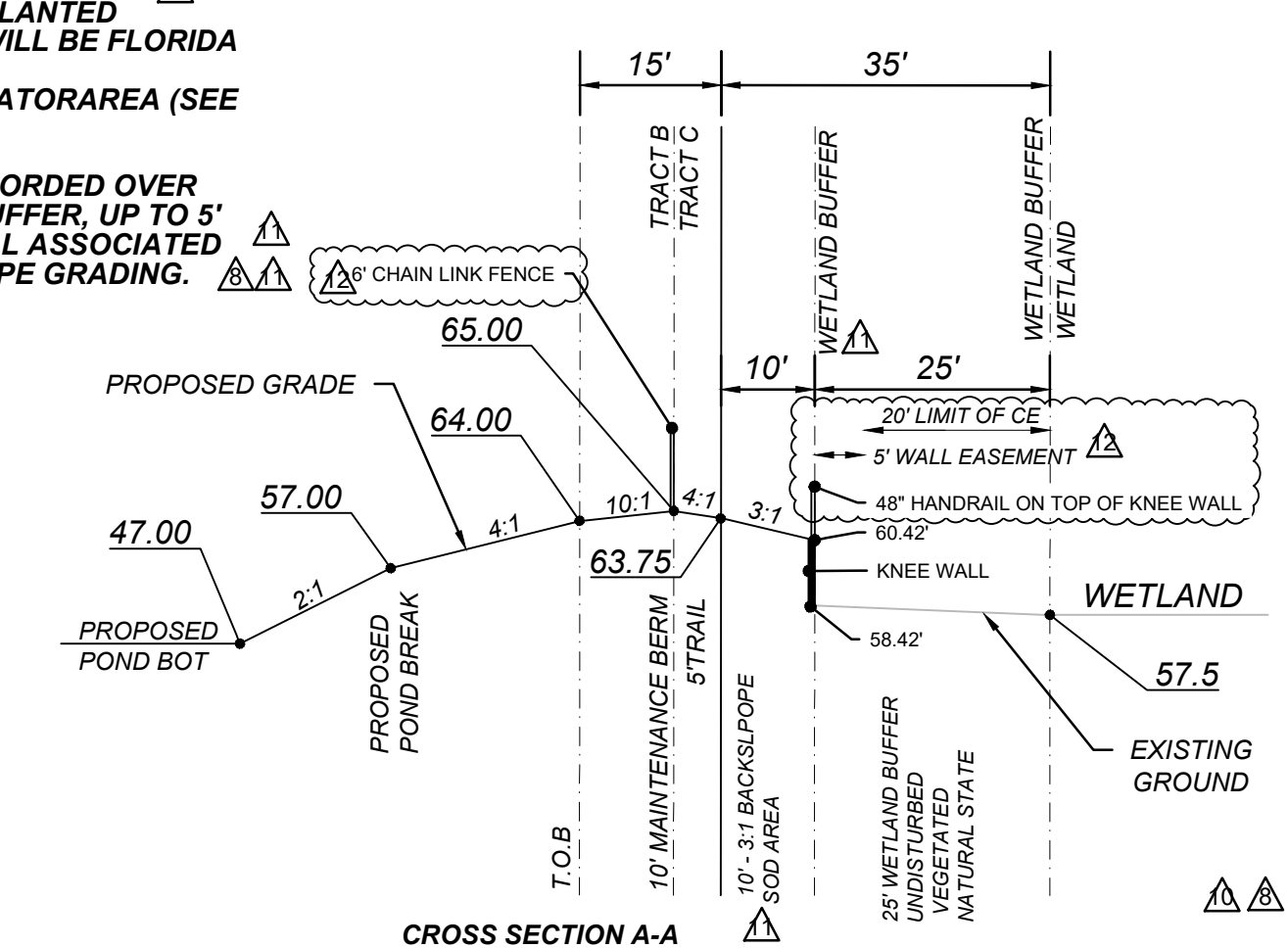
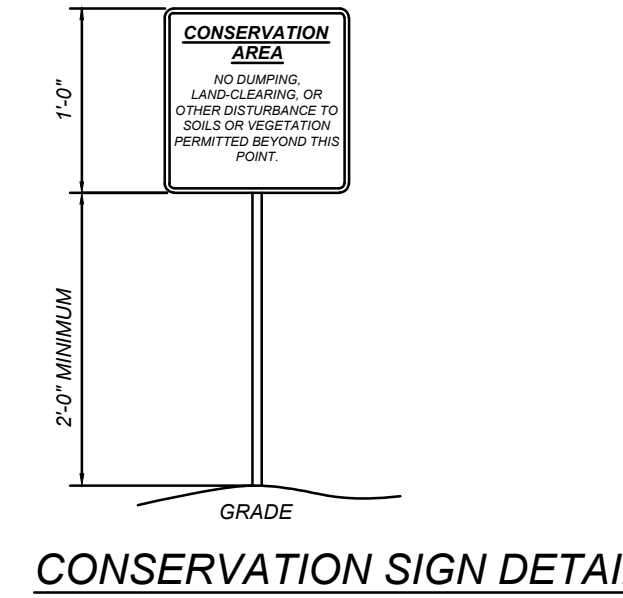
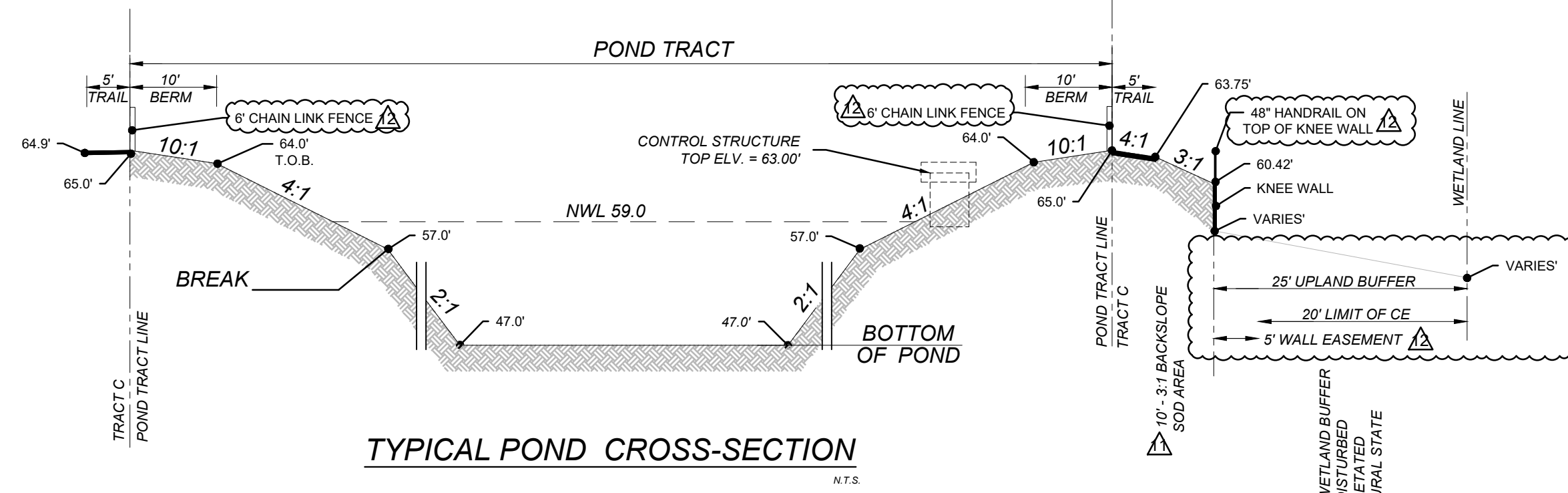
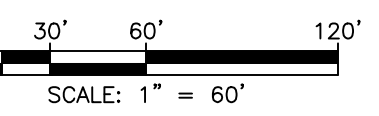
- NOTES:
- MINIMUM 25' BUFFER HAS BEEN PROVIDED ON ALL WETLANDS.
 - 50' WETLAND BUFFER PER CODE WOULD BE 1.25 AC.
 - SEE LANDSCAPE PLANS FOR THE ROW OF SHRUBS LOCATED AT (7). PLEASE NOTE THAT ALL PLANTED MATERIALS WITHIN THE UPLAND BUFFER WILL BE FLORIDA NATIVE SPECIES ONLY.
 - BOTTOM OF THE POND OUTPUT DISSIPATOR AREA (SEE LANDSCAPE PLANS SHEET L101)
 - A CONSERVATION EASEMENT WILL BE RECORDED OVER WETLAND 1 AND ITS ADJACENT UPLAND BUFFER, UP TO 5' WATERWARD OF THE REQUIRED STEM WALL ASSOCIATED WITH THE STORMWATER POND'S BACKSLOPE GRADING.

LEGEND

DESCRIPTION	AREA
WETLAND PRESERVATION AREA	3.872 AC.
33.37' AVERAGE WIDTH OF: WETLAND BUFFER (UNDISTURBED VEGETATED NATURAL STATE)	0.82 AC.
WETLAND IMPACT	0.783 AC.

WETLAND IMPACT TABLE

AREA	IMPACTED AREA (AC.)	PRESERVED AREA (AC.)	TOTAL AREA (AC.)
WETLAND (W-1)	0.00	3.872	3.872
WETLAND (SW-1)	0.615	0.00	0.615
WETLAND (SW-2)	0.106	0.00	0.106
WETLAND (SW-3)	0.062	0.00	0.062
PROPOSED WETLAND BUFFER - UNDISTURBED VEGETATED NATURAL STATE (33.37' AVERAGE WIDTH)	-----	0.82	0.82
REQUIRED WETLAND BUFFER - UNDISTURBED VEGETATED NATURAL STATE (50.0' AVERAGE WIDTH)	0.43	0.82	1.25



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DSE
DAVE SCHMITT
ENGINEERING, INC.
12301 Lake Underhill Road Suite 241
ORLANDO, FL 32828
407-207-9088 FAX 407-207-9089
Certification of Authorization #27471

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
03-12-2024	BC	REVISION PER COUNTY COMMENTS	03-12-2024	BC	REVISION PER COUNTY COMMENTS
02-20-2024	BC	REVISION PER COUNTY COMMENTS	01-08-2024	BC	REVISION PER COUNTY COMMENTS
01-08-2024	BC	REVISION PER COUNTY COMMENTS	11-27-2023	BC	REVISION PER COUNTY COMMENTS
05-22-2024	BC	REVISION PER COUNTY COMMENTS	09-12-2023	BC	REVISION PER COUNTY COMMENTS
04-24-2024	BC	REVISION PER COUNTY COMMENTS			

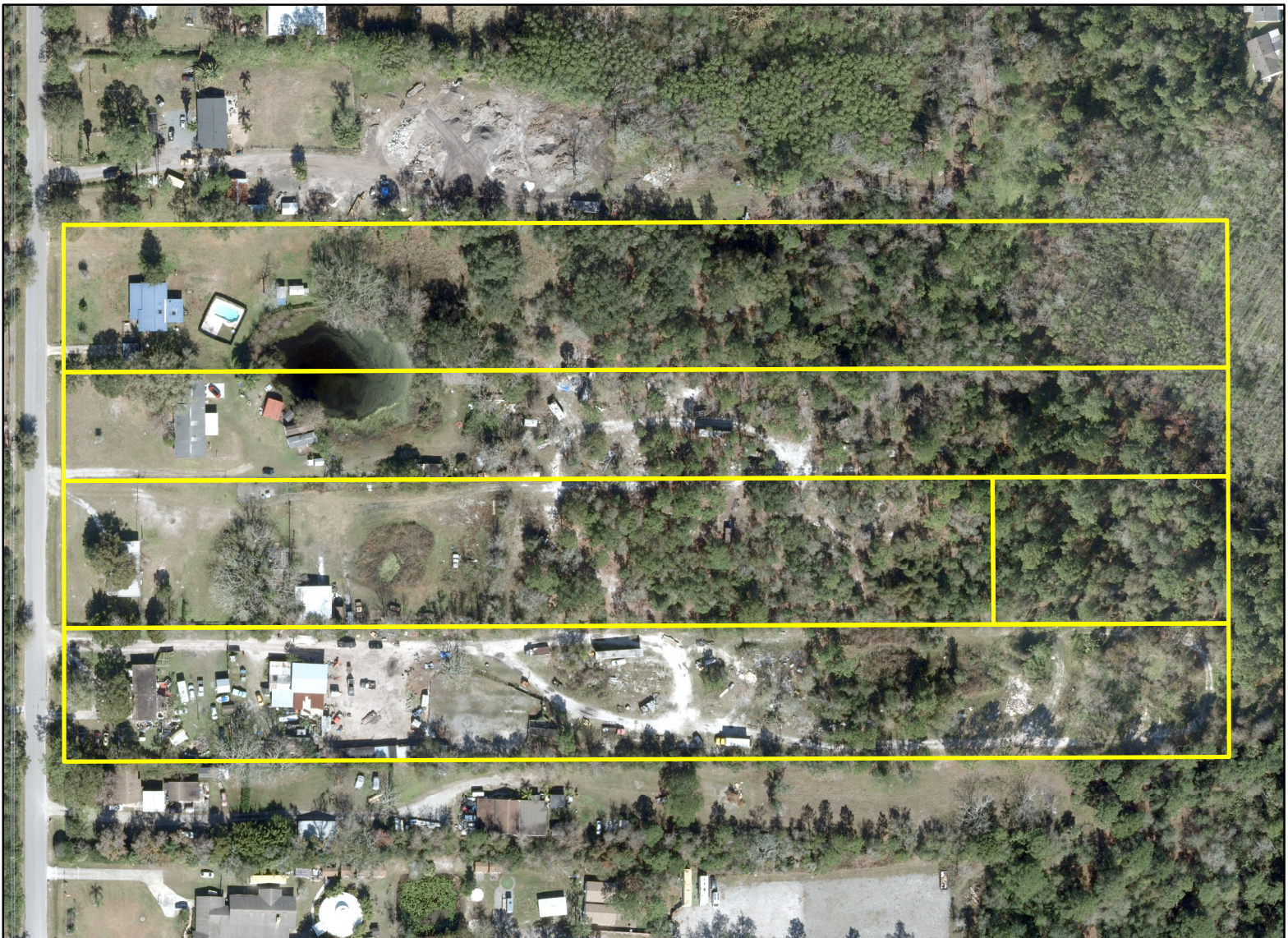
DAVE M. SCHMITT
FLORIDA REG. NUMBER
07-25-2023 48274

ENVIRONMENTAL CONSIDERATION PLAN

HANCOCK LONE PALM NORTH
ORANGE COUNTY, FLORIDA

DATE: NOV. 2022
PROJECT NO.: AE-10
DRAWN BY: BC
CHECKED BY: DMS
SCALE: 1" = 60'
SHEET: 16 OF 16

Conservation Area Impact Permit Request



Conservation Area Impact Permit Request

CAI-23-06-030, District #4

Applicants: Suzzane M. Litton,
Charles Pham, &
Kenneth & Kris S. Viles

Address: Hancock Lone Palm Rd

Parcel IDs: 24-22-31-0000-00-045
24-22-31-0000-00-059
24-22-31-0000-00-061
24-22-31-0000-00-062
24-22-31-0000-00-069

Project Site 

Project Location 

