MAP SHOWING TOPOGRAPHIC, TREE & WETLAND LOCATION

SURVEY A PORTION OF GOVERNMENT LOT 2, NW 1/4 & A PORTION OF THE NE 1/4, SECTION 16, TOWNSHIP 5 SOUTH, RANGE 28 EAST, ST JOHNS COUNTY, FLORIDA

Symbol Legend

Symbol	Denotes
○	FOUND IRON PIPE AS NOTED
	BENCHMARK
C	CABLE RISER
G	GAS RISER
SV	SANITARY VALVE
WV	WATER VALVE
	FIRE HYDRANT
	STUB OUT
	WOOD UTILITY POLE
	WETLAND FLAG
XX	TREE AND TAG NUMBER
–g–	GAS LINE
–oe–	OVERHEAD UTILITY LINE
EP	EDGE OF PAVEMENT
FL	FLOW LINE
TC	TOP OF CURB
RCP	REINFORCED CONCRETE PIPE
–2–	CONTOUR ELEVATION
x0.0	SPOT SHOT ELEVATION
ELEV	ELEVATION
CONC.	CONCRETE
R/W	RIGHT OF WAY
ORB	OFFICIAL RECORDS BOOK
DB	DEED BOOK
PB	PLAT BOOK
(P)	PLAT
PG	PAGE(S)
No.	NUMBER
LB	LICENSED BUSINESS
EOP	EDGE OF PAVEMENT

GRAPHIC SCALE

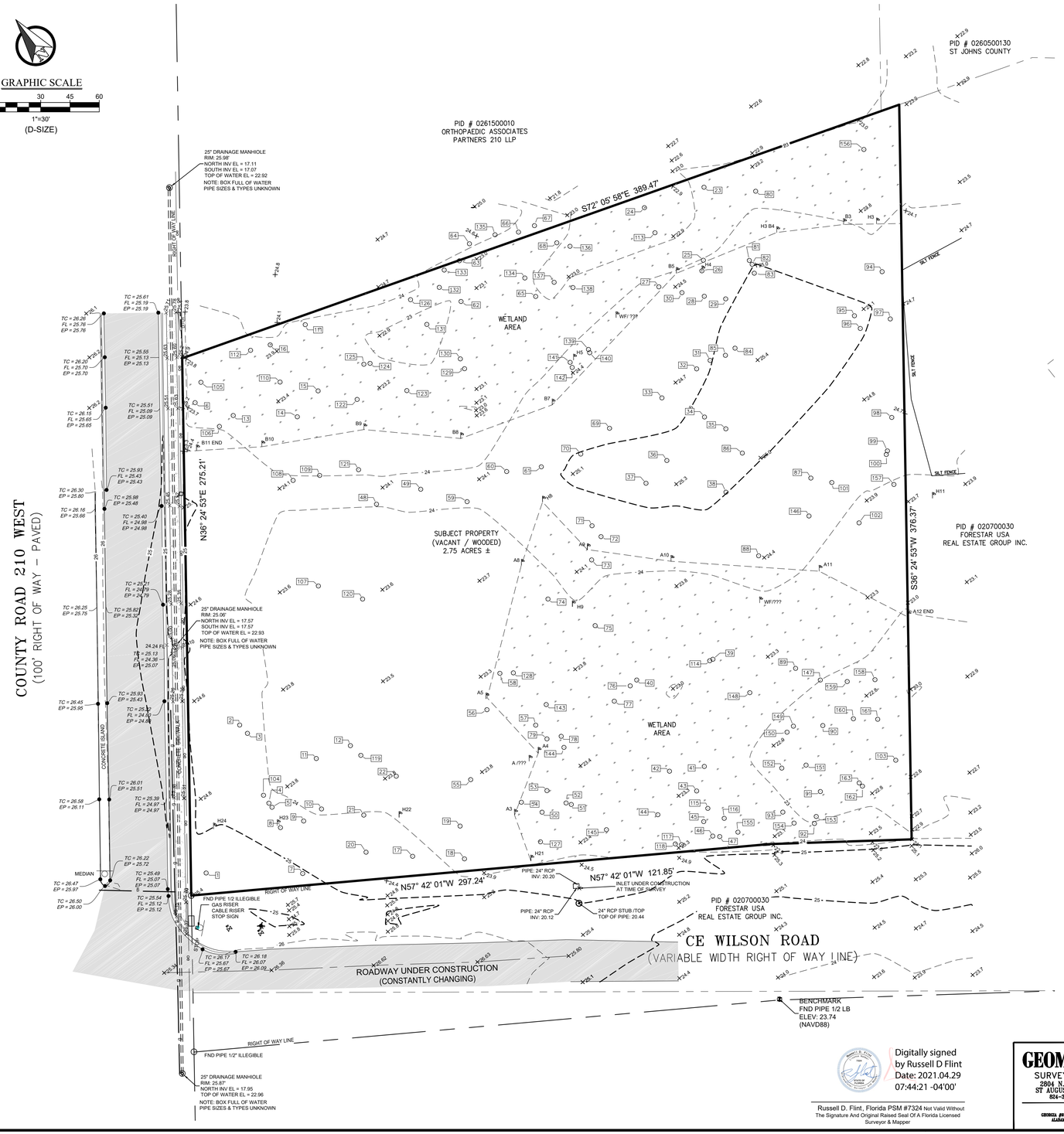
0 30 45 60

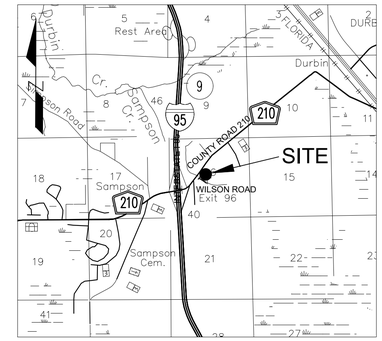
1"=30'
(D-SIZE)

TREE TABLE		TREE TABLE		TREE TABLE		TREE TABLE	
TREE #	TREE SIZE AND SPECIES	TREE #	TREE SIZE AND SPECIES	TREE #	TREE SIZE AND SPECIES	TREE #	TREE SIZE AND SPECIES
1	12" OAK	42	4" SWEETGUM	83	8" OAK	124	8" CYPRESS
2	10" OAK	43	16" OAK	84	8" OAK	125	3" SAWGRASS
3	6" OAK	44	3" UNKNOWN	85	8" OAK	126	10" SAWGRASS
4	9" OAK	45	3" MAPLE	86	8" OAK	127	13" CYPRESS
5	3" OAK	46	4" MAPLE	87	3" OAK	128	9" CYPRESS
6	11" MAPLE	47	8" OAK	88	9" SWEETGUM	129	9" CYPRESS
7	10" OAK	48	10" OAK	89	8" SWEETGUM	130	8" CYPRESS
8	5" OAK	49	8" OAK	90	15" MAPLE	131	3" CYPRESS
9	2" OAK	50	9" OAK	91	19" OAK	132	13" CYPRESS
10	5" OAK	51	20" OAK	92	12" OAK	133	12" CYPRESS
11	9" OAK	52	6" OAK	93	8" OAK	134	14" CYPRESS
12	9" OAK	53	8" OAK	94	4" OAK	135	9" CYPRESS
13	5" MAPLE	54	9" SWEETGUM	95	8" OAK	136	12" CYPRESS
14	10" MAPLE	55	3" OAK	96	11" OAK	137	11" CYPRESS
15	11" MAPLE	56	16" HICKORY	97	16" OAK	138	14" CYPRESS
16	10" MAPLE	57	15" OAK	98	16" OAK	139	11" BAY
17	12" OAK	58	5" MAPLE	99	12" OAK	140	9" BAY
18	8" OAK	59	6" OAK	100	8" OAK	141	9" BAY
19	8" OAK	60	3" OAK	101	8" OAK	142	8" BAY
20	10" OAK	61	10" OAK	102	9" OAK	143	11" BAY
21	7" OAK	62	8" HICKORY	103	19" HICKORY	144	12" CYPRESS
22	9" OAK	63	11" SWEETGUM	104	20" SAWGRASS	145	14" CYPRESS
23	3" MAPLE	64	8" SWEETGUM	105	8" CYPRESS	146	6" BAY
24	3" MAPLE	65	14" SWEETGUM	106	9" SAWGRASS	147	15" CYPRESS
25	10" OAK	66	10" HICKORY	107	5" BAY	148	14" CYPRESS
26	10" OAK	67	8" HICKORY	108	8" BAY	149	8" CYPRESS
27	12" OAK	68	3" MAPLE	109	6" BAY	150	8" CYPRESS
28	8" OAK	69	5" OAK	110	8" SAWGRASS	151	11" CYPRESS
29	9" OAK	70	13" OAK	111	13" CYPRESS	152	8" CYPRESS
30	9" OAK	71	3" OAK	112	17" CYPRESS	153	10" BAY
31	11" OAK	72	4" OAK	113	8" CYPRESS	154	13" CYPRESS
32	15" OAK	73	4" SWEETGUM	114	11" CYPRESS	155	8" CYPRESS
33	9" OAK	74	5" SWEETGUM	115	8" CYPRESS	156	9" CYPRESS
34	5" OAK	75	2" HICKORY	116	13" CYPRESS	157	12" BAY
35	11" OAK	76	10" OAK	117	12" CYPRESS	158	12" CYPRESS
36	21" OAK	77	9" OAK	118	11" CYPRESS	159	8" CYPRESS
37	3" SWEETGUM	78	10" MAPLE	119	4" SAWGRASS	160	10" CYPRESS
38	3" OAK	79	8" HICKORY	120	5" SAWGRASS	161	11" CYPRESS
39	4" MAPLE	80	4" MAPLE	121	10" SAWGRASS	162	9" CYPRESS
40	11" OAK	81	10" OAK	122	2" CYPRESS	163	9" CYPRESS
41	11" OAK	82	15" OAK	123	12" CYPRESS		

HATCHING LEGEND

- ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- WETLAND AREA





VICINITY MAP
1" = 5000'

TOPOGRAPHY SURVEY GENERAL NOTES

1. THIS IS NOT A BOUNDARY SURVEY
2. THIS IS A TOPOGRAPHIC SURVEY, AS DEFINED IN CHAPTER 5J-17.050(10)(A)-(K) OF THE FLORIDA ADMINISTRATIVE CODE.
3. THE FIELD SURVEY WAS PERFORMED ON 04/14/2021 AND RECORDED IN FIELD BOOK 21-02, PAGE(S) 65-66.,
4. THE SURVEY MAP OR THE COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. ADDITIONS OR DELETIONS TO SURVEY MAP OR MAPS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
5. THE BEARINGS AND COORDINATE SYSTEM UTILIZED HEREON IS RELATIVE TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT, AS DERIVED BY REAL-TIME KINEMATIC GLOBAL POSITIONING SYSTEM (RTK GPS") SURVEY METHODS USING THE PUBLIC FLORIDA DEPARTMENT OF TRANSPORTATION'S FLORIDA PERMANENT REFERENCE NETWORK ("FPRN"). THE CORRECTED POSITIONS COMPUTED BY THESE NETWORKS WERE VERIFIED THROUGH A REDUNDANCY OF MEASUREMENTS ON PRIMARY CONTROL ALONG WITH CONSISTENT HORIZONTAL CHECKS TO SECONDARY CONTROL. ALL DISTANCES SHOWN HEREON ARE IN U.S. SURVEY FEET.
6. THE ACCURACY STANDARD USED FOR THE HORIZONTAL CONTROL FOR THIS SURVEY, AS CLASSIFIED IN THE STANDARDS OF PRACTICE (5J-17.051 FAC). THE MINIMUM RELATIVE DISTANCE ACCURACY FOR THIS TYPE OF SURVEY IS 1 FOOT IN 10,000 FEET.
7. ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE AMERICAN VERTICAL DATUM OF 1988, AS ESTABLISHED BY NATIONAL GEODETIC SURVEY BENCHMARK M 497, HAVING AN ELEVATION OF 25.67 FEET.
8. UTILITIES OTHER THAN SHOWN WERE NOT FIELD LOCATED.
9. UTILITIES SHOWN PER PLANS AND/OR INFORMATION PROVIDED BY ST JOHNS COUNTY UTILITY AUTHORITY.
10. THIS IS A SURFACE SURVEY ONLY. UNDERGROUND IMPROVEMENTS SUCH AS FOOTERS AND UTILITIES, IF ANY, WERE NOT LOCATED, EXCEPT AS SHOWN.
11. THE SUBJECT PROPERTY LIES IN FLOOD ZONE "X", ACCORDING TO THE FLOOD INSURANCE RATE MAP(FIRM), COMMUNITY-PANEL NUMBER 12109C0178J REVISED 12/07/2018. THE SAID FLOOD INSURANCE RATE MAP IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
12. ADJOINING PROPERTY INFORMATION WAS OBTAINED FROM ST JOHNS COUNTY PROPERTY APPRAISERS OFFICE.
13. THE PURPOSE OF THIS TOPOGRAPHIC SURVEY (AS PER THE CLIENT'S REQUEST) A TOPOGRAPHIC, TREE AND WETLAND SURVEY FOR THE 3-ACRE PROJECT ON CR210.
14. THE BOUNDARY LINES SHOWN HEREON ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE INTENDED TO SHOW APPROXIMATE BOUNDARY LOCATION WAS PROVIDED TO THIS FIRM BY BEL PROPERTY MANAGEMENT, 04/05/2021.

TREE SURVEY GENERAL NOTES:

1. THE SURVEYED SPECIES DEFINITION IS BASED ON COMMON SPECIES KNOWLEDGE FOR FLORIDA, SUB-SPECIES OR LESSER KNOWN SPECIES MAY BE MISS IDENTIFIED. THE CLIENT MAY NEED TO OBTAIN A CERTIFIED ARBORIST TO CLARIFY SAID TREES.
2. THE NOTED TREE INCHES ARE BASED ON MAIN TRUNKS AT BREAST HEIGHT DUE TO LOCATION OF MEASUREMENT AND VARYING TREE TYPES THE MEASUREMENT MAY VARY ON AVERAGE ±2".
3. DUE TO VARYING GROWTH ANGLES AND SPECIES, THE ACTUAL LOCATION OF THE CENTER OF THE TREE IS BASED ON JUDGEMENT CALL BY THE FIELD SURVEYOR AND MAY VARY APPROXIMATELY 12". THIS VARIANCE MAY BE GREATER WITH DOUBLE, TRIPLE, OR CLUSTER TYPE OF TREE GROWTH.
4. TREE CANOPY WIDTH WAS NOT SURVEYED UNLESS OTHERWISE NOTED.
5. TREE SURVEY GIVES NO INDICATION OF ROOT BALL SIZE OR ROOT EXTENTS ON THE SIGHT.
6. NOTED TREE INCHES IS BASED ON THE SUM OF THE MAIN TRUNKS AT BREAST HEIGHT. THIS INCLUDED THE SUB OF DOUBLE, TRIPLE, OR CLUSTER TYPE GROWTHS.
7. TREES SHOWN ON SURVEY ARE ONLY THOSE TREES REQUIRED BY ST. JOHNS COUNTY, UNLESS OTHERWISE NOTED.

WETLAND SURVEY GENERAL NOTES:

1. WETLAND LOCATIONS WERE FLAGGED BY ENVIRONMENTAL SOLUTIONS, INC., AND LOCATED BY THIS FIRM.

Digitally signed by Russell D Flint
Date: 2021.04.29 07:44:21 -04'00'

Russell D. Flint, Florida PSM #7324 Not Valid Without The Signature And Original Raised Seal Of A Florida Licensed Surveyor & Mapper

GEOMATICS CORP.
SURVEYING–MAPPING–GPS
2604 N. FIFTH STREET, UNIT 101
ST AUGUSTINE, FL 32084 PHONE (904) 824-3086 FAX (904) 824-5753
LICENSED BUSINESS
GEORGIA #990 FLORIDA #6070 NORTH CAROLINA #C0907
ALABAMA #794 NORTH CAROLINA CGA #7752

PROJECT NO:	21-3344
SURVEY DATE:	04/14/2021
CHECKED BY:	R.FLINT
DRAWN BY:	C.MUNDIS
FIELD WORK:	B.MASON
FB: 21-02	PG.: 65-66
PAGE: 1	OF 1

PROJECT NO: 21-3344

E:\21.3344 CR210 & WILSON AVA ENG\Survey Documents\Map\21-3344 Topo.dwg, 4/28/2021 7:38:33 AM