

# Project Vicinity Map

**Project  
Location**



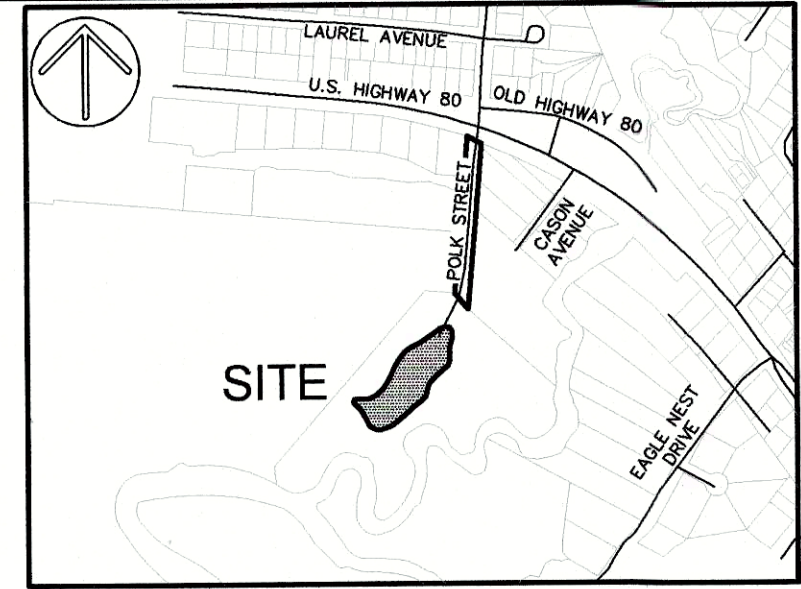


CURVE TABLE					
LABEL	RADIUS	ARC	CHORD	CHORD BEARING	DELTA
C1	2496.48'	61.69'	61.69'	S71°04'05"E	1°24'57"

UPLAND TABLE	
PID 40025 01005Y	0.510 AC
POLK STREET	0.044 AC
TOTAL	0.554 AC

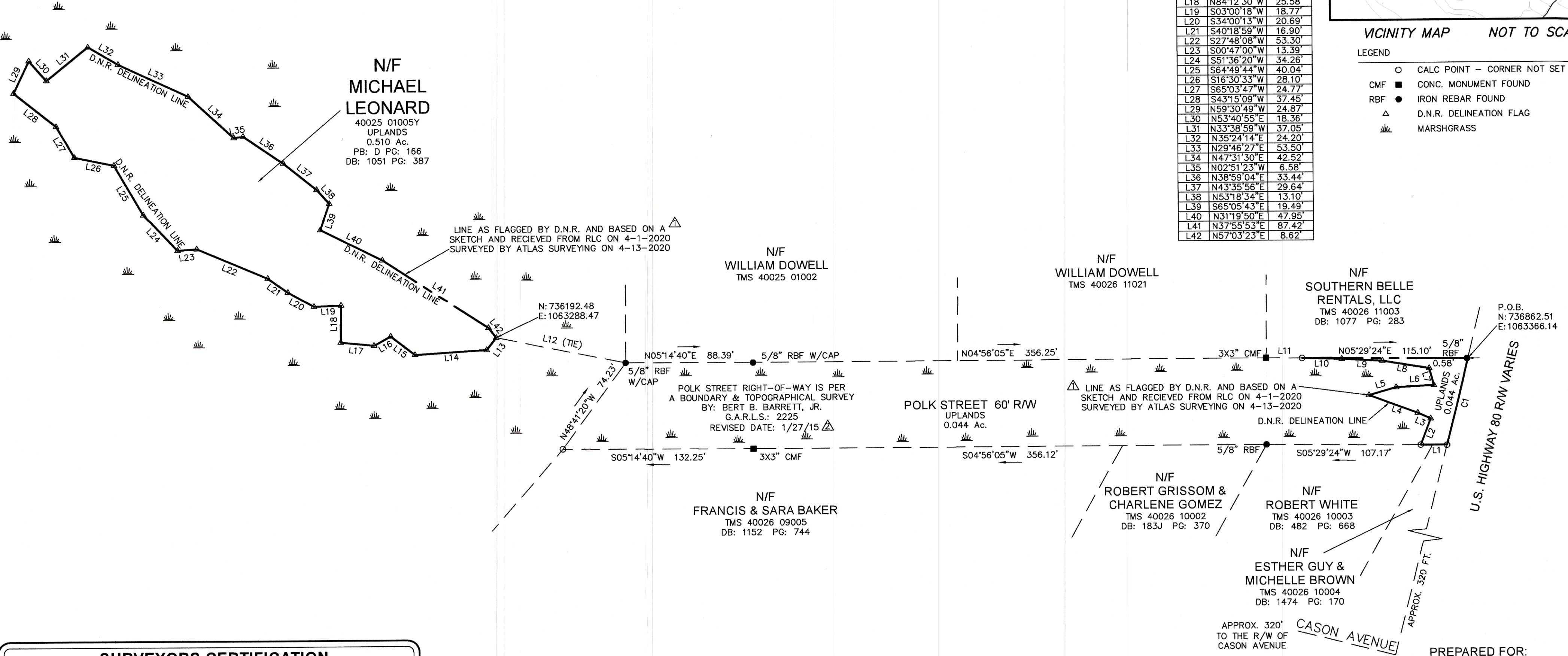
LINE TABLE		
LABEL	BEARING	DISTANCE
L1	S05°29'24"W	18.18'
L2	S64°10'45"E	19.57'
L3	N29°03'29"E	9.81'
L4	N25°11'09"E	36.07'
L5	S10°58'15"E	19.61'
L6	S02°24'23"W	26.27'
L7	N79°58'48"E	12.18'
L8	N14°15'35"E	32.82'
L9	N08°14'44"E	28.17'
L10	N06°32'22"E	27.64'
L11	N05°29'24"E	24.89'
L12	S16°14'14"W	91.38'
L13	S46°58'39"E	10.78'
L14	S01°27'41"W	49.84'
L15	S42°29'20"W	21.25'
L16	S24°03'38"E	13.11'
L17	S10°57'53"W	23.37'
L18	N84°12'30"W	25.58'
L19	S03°00'18"W	18.77'
L20	S34°00'13"W	20.69'
L21	S40°18'59"W	16.90'
L22	S27°48'08"W	53.30'
L23	S00°47'00"W	13.39'
L24	S51°36'20"W	34.26'
L25	S64°49'44"W	40.04'
L26	S16°30'33"W	28.10'
L27	S65°03'47"W	24.77'
L28	S43°15'09"W	37.45'
L29	N59°30'49"W	24.87'
L30	N53°40'55"E	18.36'
L31	N33°38'59"W	37.05'
L32	N35°24'14"E	24.20'
L33	N29°46'27"E	53.50'
L34	N47°31'30"E	42.52'
L35	N02°51'23"W	6.58'
L36	N38°59'04"E	33.44'
L37	N43°35'56"E	29.64'
L38	N53°18'34"E	13.10'
L39	S65°05'43"E	19.49'
L40	N31°19'50"E	47.95'
L41	N37°55'53"E	87.42'
L42	N57°03'23"E	8.62'

GA EAST GRID NORTH  
(NAD 83)



VICINITY MAP NOT TO SCALE

- LEGEND
- CALC POINT - CORNER NOT SET
  - CMF ■ CONC. MONUMENT FOUND
  - RBF ● IRON REBAR FOUND
  - △ D.N.R. DELINEATION FLAG
  - 🌿 MARSHGRASS



**SURVEYORS CERTIFICATION**

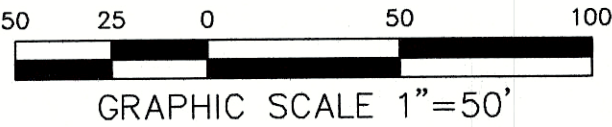
"This Coastal Marshlands Exhibit and any certification for it extends only to the Coastal Marshlands of the area shown hereon. This Coastal Marshlands Exhibit is limited only to the surface visible features at the time and date of the survey and that this Coastal Marshlands Exhibit does not constitute a boundary survey and is not to be recorded or used to convey title or interest in the property."



*Thomas W. Hurley*  
DATE: 04/14/2020

REVISIONS		
1	ADD STATEMENT	05/06/2020
2	ADD STATEMENT	05/12/2020

- NOTES
- THIS PARCEL APPEARS TO LIE IN FLOOD ZONE AE (10.0'), FIRM PANEL 0213-G COMMUNITY 13051C.
  - HORIZONTAL DATUM IS GEORGIA EAST STATE PLANE GRID (NAD 83)



TOTAL AREA: 0.554 ACRES  
EOC FIELD: 1/25,258  
ANG. EOC: 06"/ANGLE POINT  
ADJ. METHOD: COMPASS RULE  
EOC PLAT: 1/226,038  
EQUIP. USED: TOPCON TOTAL STATION GTS9003

PREPARED FOR:  
RESOURCE & LAND CONSULTANTS  
A COASTAL MARSHLANDS EXHIBIT OF  
A PORTION OF POLK STREET  
&  
#318 POLK STREET  
TYBEE ISLAND  
TAX PARCEL No. 40025 01005Y  
5TH G.M.D.  
CHATHAM COUNTY, GEORGIA

FIELD WORK: NCH  
FIELD CHECK: TWH  
DRAWN BY: M.F.  
DATE: 04-14-2020  
SCALE: 1"=50'  
PROJECT No.: BFT-20098  
FILE: BFT-20098 WET1.DWG



49 BROWN'S COVE ROAD, SUITE #5  
RIDGELAND, SC 29936  
PHONE: (843) 645-9277  
WEBSITE: WWW.ATLASSURVEYING.COM

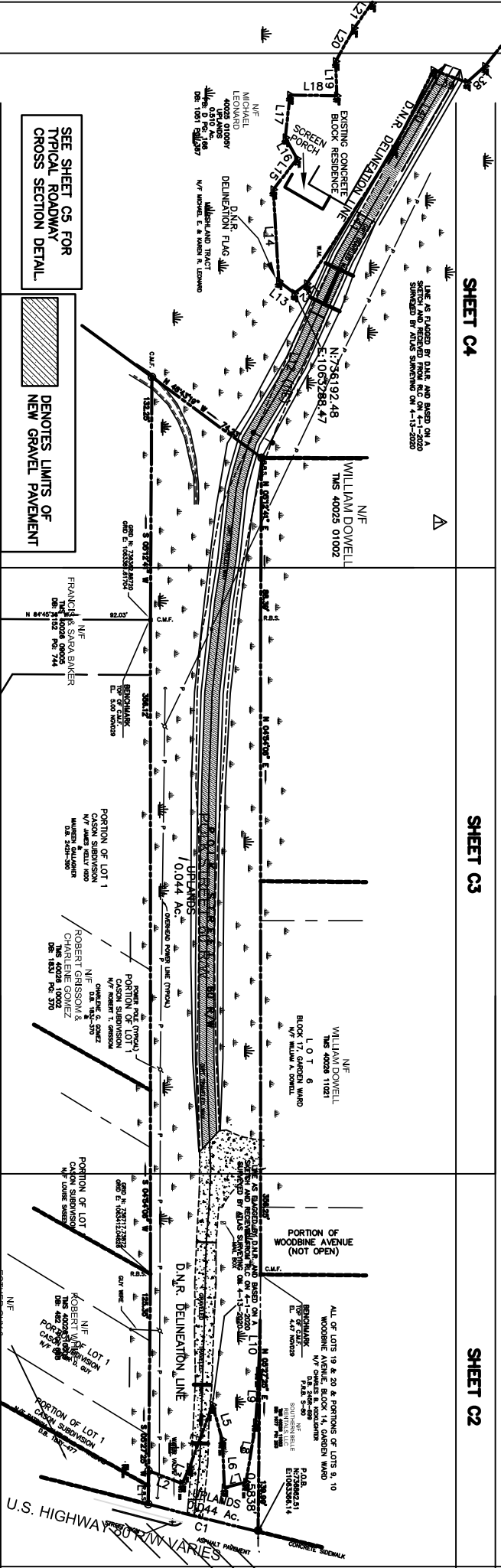


THIS DRAWING AND ANY INSTRUMENTS HERETO APPROPRIATE OF  
 GEORGIA REGISTERED PROFESSIONAL ENGINEER  
 MICHAEL LEONARD DAVIS, P.E. LICENSE NO. 14912  
 DATE OF EXPIRATION: 12/31/2010  
 THIS DRAWING, WITH ALL THE WRITTEN CONSENT OF  
 DAVIS ENGINEERING, INC., IS THE PROPERTY OF DAVIS ENGINEERING, INC.

BERT BARRETT, JR. LAND SURVEYING, P.C.  
 145 RUNNER ROAD  
 SAVANNAH, GA. 31410 (912) 897-0661  
 PROJECT 01276-2 11-23-10  
 9-23-32 am EST

- REFERENCES:
1. PLAT OF A RESURVEY OF PORTIONS OF BLOCKS 14, 15 & 16, GARDEN WARD BY WRIGHT C. POWERS R.L.S. 933 DATED 7/31/63.
  2. PLAT OF REMAINING PORTION OF LOT 1 & ALL OF LOT 2, CASON SUBDIVISION, BY H.M. GARFANY DATED 6/24/64 AND RECORDED IN P.R.B. P-130.
  3. PLAT OF CASON SUBDIVISION BY S.P. KEHOE, JR. C.E. 914 DATED 4/12/48 AND RECORDED IN P.R.B. H-132.
  4. PLAT OF PORTION OF LOT 8 AND ALL OF LOTS 9-12, CASON SUBDIVISION BY BERT B. BARRETT, SR. R.L.S. 1239 DATED 6/29/92.
  5. PLAT OF LOTS 4, 5 & 6, CASON SUBDIVISION BY BERT B. BARRETT, SR. R.L.S. 1239 DATED 5/9/88.
  6. PLAT OF LOT 7 & PORTION OF LOT 8, CASON SUBDIVISION BY VINCENT HELMUTY R.L.S. 1882 DATED 2/25/82.

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C-1	2496.48'	61.69'	30.85'	61.69'	N 71°06'04" W	01°24'57"



SEE SHEET C5 FOR  
 TYPICAL ROADWAY  
 CROSS SECTION DETAIL.

DENOTES LIMITS OF  
 NEW GRAVEL PAVEMENT

UTILITY WARNING

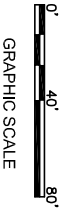
ANY UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY. THE ENGINEER GUARANTEES (MINIMUM) CERTAINITY THAT ALL UNDERGROUND UTILITIES AND OTHER SURFACE INSTALLATIONS SHOWN ARE IN THE EXACT LOCATION INDICATED. THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF ANY SURVEY INFORMATION SHOWN HEREIN. THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF ANY SURVEY INFORMATION SHOWN HEREIN. THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF ANY SURVEY INFORMATION SHOWN HEREIN.

PRIOR TO BEGINNING ANY CONSTRUCTION, DIRECTIONAL BORING, MECHANIZED EXCAVATION, CLEARING, GRADING, EXCAVATION, LAND DISTURBING ACTIVITY OF ANY TYPE, ETC., NOTIFY THE UTILITIES PROTECTION CENTER AT 1-800-282-7411. NOTIFICATION MUST BE GIVEN IN ACCORDANCE WITH GEORGIA LAW. THE TICKET IS GOOD FOR THE DURATION STATED BY THE UTILITIES PROTECTION CENTER. IT SHALL BE RENEWED BY THE CONTRACTOR AS NECESSARY FOR THE DURATION OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH UTILITY COMPANIES FOR FIELD LOCATIONS OF UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF UTILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE "HIGH VOLTAGE SAFETY ACT" WHICH GOVERNS ACTIVITIES NEAR HIGH VOLTAGE POWER LINES. THE NOTIFICATION PROCEDURE SHALL BE THE SAME AS STATED ABOVE. IN THE EVENT OF DAMAGE, THE CONTRACTOR SHALL CONTACT BOTH THE UPC AND IMMEDIATELY UNTIL THE DAMAGE IS REPAIRED TO THE SATISFACTION OF THE UTILITY OWNER AND ALL OTHER GOVERNING AUTHORITIES.

NO WORK SHALL BE DONE IN THE POLK STREET SOUTH R.O.W. WITHOUT ALL REQUIRED APPROVALS AND PERMITS OF ALL GOVERNING AGENCIES, AUTHORITIES, BODIES, ETC., INCLUDING BUT NOT LIMITED TO THE CITY OF TYBEE, CHATHAM COUNTY, ETC. ...



1-800-282-7411  
 OR 811



THIS SHEET IS ONLY A PORTION OF THE COMPLETE SET OF PLANS. ONLY COMPLETE SETS OF PLANS SHALL BE USED.

REVISED: 07/29/12  
 REVISED: 07/19/12  
 REVISED: 10/19/11

THE CITY OF TYBEE ISLAND &  
 MR. & MRS. MICHAEL LEONARD  
 DAVIS ENGINEERING, INC.

PO BOX 1663  
 TYBEE ISLAND, GA 31328  
 PHONE: 912-685-7262  
 E-MAIL: DDA@DAVISENGINEERING.COM  
 DRAWN: D.S&B.B. DESIGN: D.D. JOB NO.: 2060700D  
 DATE: 07-08-12

C1

GA GRID NORTH

PORTION OF WOODBINE AVENUE (NOT OPEN)

ALL OF LOTS 19 & 20 & PORTIONS OF LOTS 9, 10 WOODBINE AVENUE, BLOCK 14, GARDEN WARD N/F CHARLES B. KICKLIGHTER D.B. 245R-699 P.R.B. S-80

BENCHMARK TOP OF C.M.F. EL. 4.47 NGVD29

SOUTHERN BELLE RENTALS, LLC TMS 40026 11003 DB: 1077 PG: 283 P.O.B. N:736862.51 E:1063366.14

LINE AS FLAGGED BY D.N.R. AND BASED ON A SKETCH AND RECEIVED FROM RLC ON 4-1-2020 SURVEYED BY ATLAS SURVEYING ON 4-13-2020

D.N.R. DELINEATION LINE

S 04°54'06" W  
GRID N: 736717.73872  
GRID E: 1063412.04826

125.35'

S 05°27'25" W

356.25'

N 05°27'25" E

139.99'

CENTER LINE OF EXISTING ROADWAY (TYP)

ISLANDS 0.44 AC.

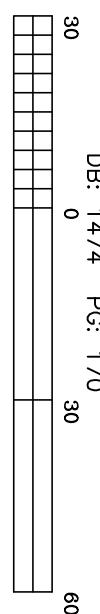
ASPHALT PAVEMENT  
CONCRETE SIDEWALK

PORTION OF LOT 1 CASON SUBDIVISION N/F LOUISE SASEEN

N/F ROBERT WHITE TMS 40026 10005 DB: 482 PG: 698

PORTION OF LOT 1 CASON SUBDIVISION N/F PATRICIA WILSON & B. WILSON D.B. 183Y-477

N/F ESTHER GUY & MICHELLE BROWN TMS 40026 10004 DB: 1474 PG: 170



U.S. HIGHWAY 80 R/W VARIES

POLK STREET SOUTH MAINTENANCE

THIS SHEET IS ONLY A PORTION OF THE COMPLETE SET OF PLANS. ONLY COMPLETE SETS OF PLANS SHALL BE USED.

A PORTION OF POLK STREET SOUTH OF U.S. HIGHWAY 80, LOCATED IN GARDEN WARD, TYBEE ISLAND, GEORGIA.

FOR THE CITY OF TYBEE ISLAND AND MR. & MRS. MICHAEL LEONARD

DAVIS ENGINEERING, INC. TYBEE ISLAND, GA 31328

DRAWN: D.S.&B.B. DESIGN: D.D. JOB NO: 20607000

sheet C2

L

THE SOUTHERN  
PART OF TYBEE  
THESE PROPERTY  
OF THE PROPERTY

DOUBLE WALLED HDPE  
EXISTING GROUND TO  
(HALF BURY).  
TOE OF  
SLOPE  
(TYP.)

88.39' R.B.S.

19.35LF DOUBLE WALLED HDPE  
PIPE BURY IN EXISTING  
GROUND TO SPRING LINE (HALF  
BURY)

N 04°54'06" E

15LF DOUBLE WALLED  
DHP PIPE BURY IN  
EXISTING GROUND TO  
SPRING LINE (HALF  
BURY).

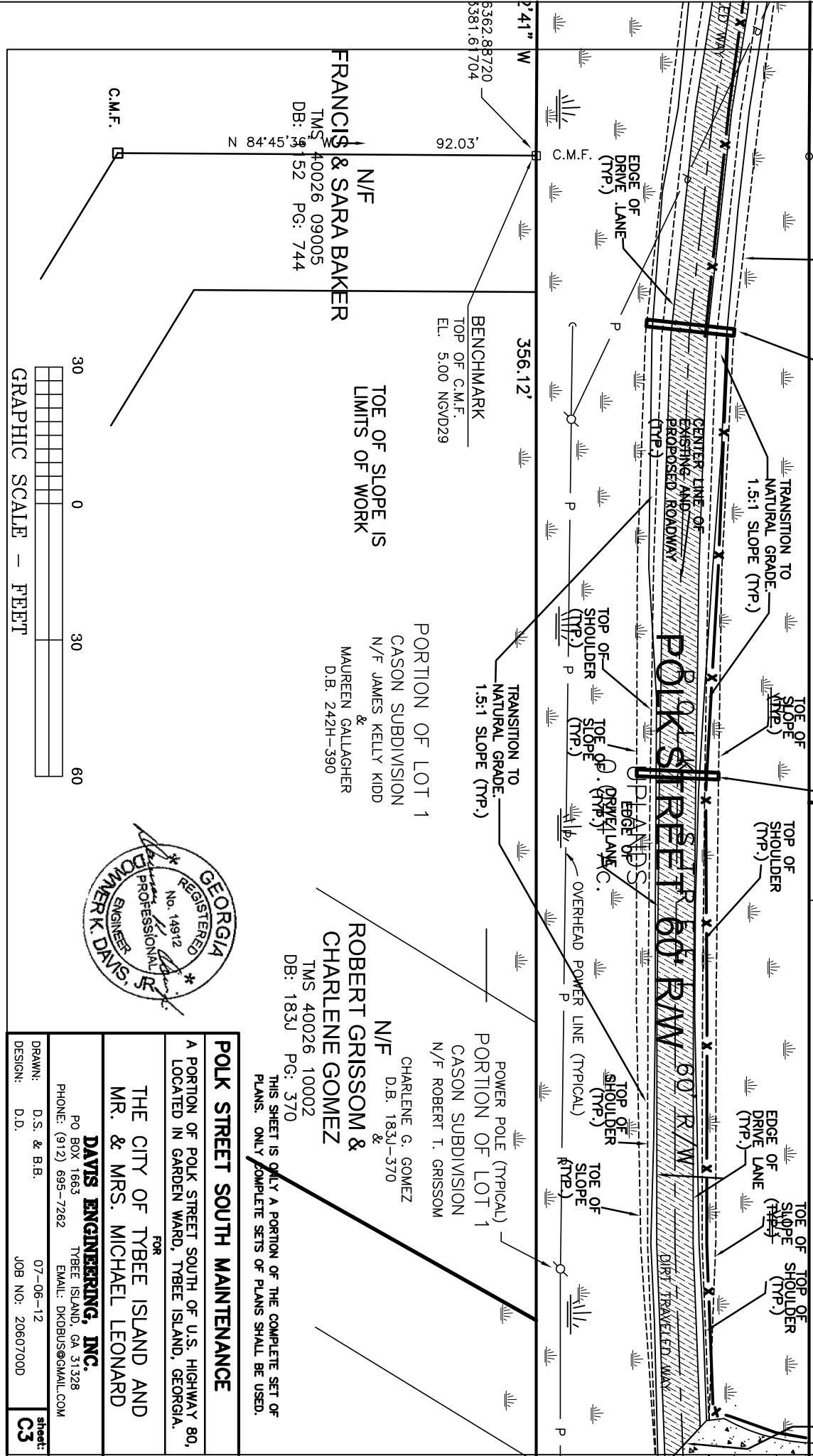


N/F  
WILLIAM DOWELL  
TMS 40026 11021

LOT 6

BLOCK 17, GARDEN WARD  
N/F WILLIAM A. DOWELL

LIMITS OF  
WORK



5362.88720  
5381.61704  
92.03'  
C.M.F.  
BENCHMARK  
TOP OF C.M.F.  
EL. 5.00 NGVD29

N/F  
FRANCIS & SARA BAKER  
TMS 40026 09005  
DB: 152 PG: 744

TOE OF SLOPE IS  
LIMITS OF WORK

PORTION OF LOT 1  
CASON SUBDIVISION  
N/F JAMES KELLY KIDD  
&  
MAUREEN GALLAGHER  
D.B. 242H-390

ROBERT GRISSOM &  
CHARLENE GOMEZ  
TMS 40026 10002  
DB: 183J PG: 370

POWER POLE (TYPICAL)  
PORTION OF LOT 1  
CASON SUBDIVISION  
N/F ROBERT T. GRISSOM  
&  
CHARLENE G. GOMEZ  
D.B. 183J-370



**POLK STREET SOUTH MAINTENANCE**

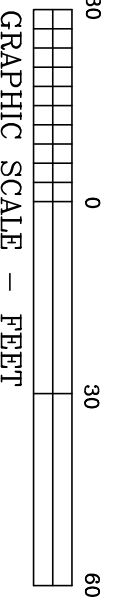
A PORTION OF POLK STREET SOUTH OF U.S. HIGHWAY 80,  
LOCATED IN GARDEN WARD, TYBEE ISLAND, GEORGIA.

FOR  
THE CITY OF TYBEE ISLAND AND  
MR. & MRS. MICHAEL LEONARD

**DAVIS ENGINEERING, INC.**

PO BOX 1663  
TYBEE ISLAND, GA 31328  
PHONE: (912) 695-7262  
EMAIL: DKDBUS@GMAIL.COM

DRAWN: D.S. & B.B.  
DESIGN: D.D.  
07-06-12  
JOB NO: 20607000



GRAPHIC SCALE - FEET

LINE AS FLAGGED BY D.N.R. AND BASED ON A SKETCH AND RECEIVED FROM RLC ON 4-1-2020 SURVEYED BY ATLAS SURVEYING ON 4-13-2020

WATER LINE ACCORDING TO FLAGS

TRANSITION TO NATURAL GRADE: 1.5:1 SLOPE (TYP.)

EDGE OF DRIVE LANE (TYP.)

N: 736192.48  
E: 1063288.47

**WILLIAM DOWELL**  
N/F  
TMS 40025 01002  
THESE PROPERTY LINES ARE THE SOUTHERN LIMITS OF WORK BY THE CITY OF TYBEE ISLAND. ALL WORK SOUTH OF THESE PROPERTY LINES IS THE RESPONSIBILITY OF THE PROPERTY OWNER.

20.15LF 18" DOUBLE WALLED HDPE PIPE, BURY IN EXISTING GROUND TO SPRING LINE (HALF BURY).

TOP OF SHOULDER (TYP.)

R.B.S. N 0512'41" E 88.39'

DIRT TRAVELED WAY

TOE OF SLOPE (TYP.)

C.M.F. S 0512'41" W 92.03'

EDGE OF DRIVE (TYP.)

GRID N: 736362.88720  
GRID E: 1063381.61704

TOE OF SLOPE (TYP.)

FRANCIS & S

D.D. JOB NO: 2K

N/F  
MICHAEL LEONARD  
40025 01005Y  
UPPLANDS  
0.510 Ac.  
PB: D PG: 166  
DB: 1051 P01/387

N/F MICHAEL E. & KAREN R. LEONARD  
DELINEATION FLAG  
D.N.R.  
WALSHLAND TRACT

THIS SHEET IS ONLY A PORTION OF THE COMPLETE SET OF PLANS. ONLY COMPLETE SETS OF PLANS SHALL BE USED.

**POLK STREET SOUTH MAINTENANCE**

A PORTION OF POLK STREET SOUTH OF U.S. HIGHWAY 80, LOCATED IN GARDEN WARD, TYBEE ISLAND, GEORGIA.

FOR  
THE CITY OF TYBEE ISLAND AND  
MR. & MRS. MICHAEL LEONARD

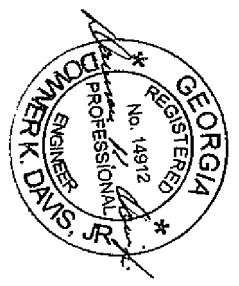
**DAVIS ENGINEERING, INC.**

PO BOX 1863  
TYBEE ISLAND, GA 31328

PHONE: (912) 695-7262  
EMAIL: DKDBUS@GMAIL.COM

DRAWN: D.S. & B.B. DESIGN:  
07-06-12 RVSJ 07-28-20

C4



GRAPHIC SCALE - FEET



LOT 12

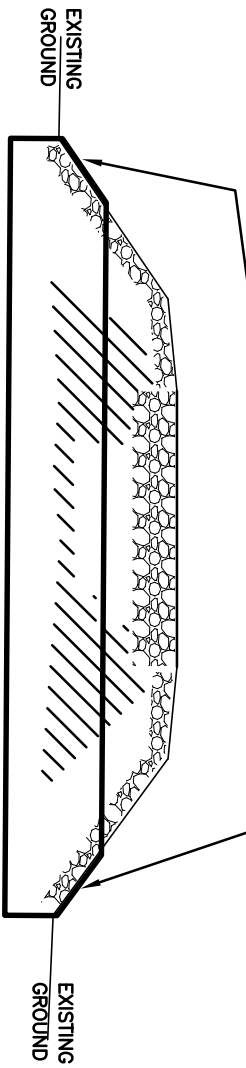
CASON SUBDIVISION  
N/F JAMES KELLY KIDD

MAUREEN GALLAGHER  
D.B. 242H-390

FRANCIS & S  
TMS 40025  
DB: 98152

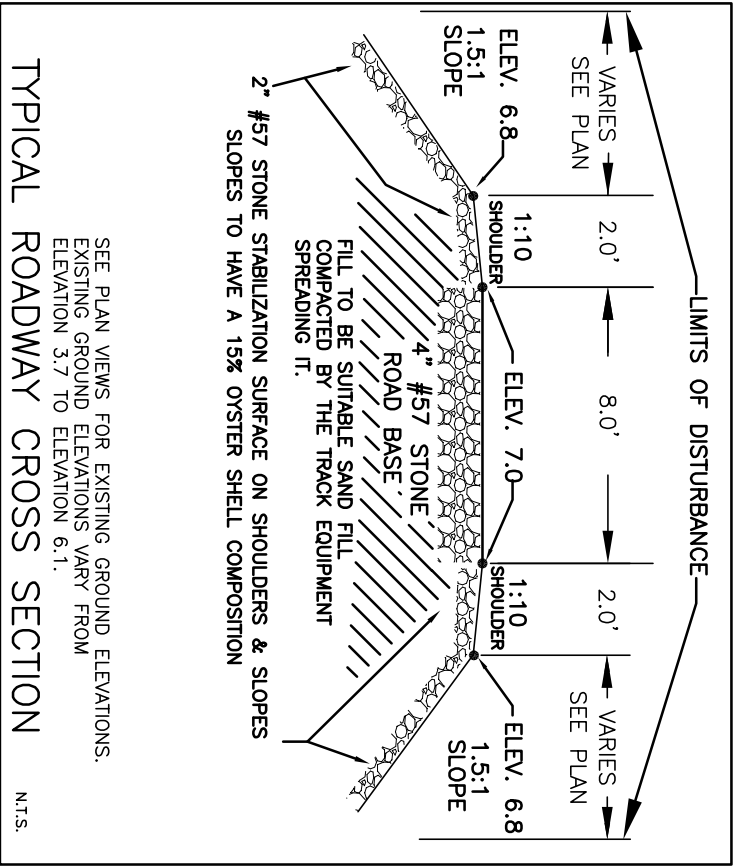
THIS DRAWING AND ALL REPRODUCIBLE COPIES OF THIS DRAWING ARE THE PROPERTY OF DAVIS ENGINEERING, INC. REPRODUCTION OR ALTERATIONS OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF DAVIS ENGINEERING, INC. IS NOT PERMITTED.

TRIM EXPOSED EDGES OF PIPE CULVERT SO THAT PIPE DOES NOT EXTEND BEYOND THE LIMITS OF THE FINISHED SLOPES. SEAL TRIMMED EDGES OF FIELD TAPER IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES.



**18" HDPE DOUBLE WALLED PIPE CULVERT CROSS-SECTION**  
 INSTALL PIPE CULVERTS AT LOCATIONS SHOWN ON PLANS. PIPES ARE TO BE BURIED TO THE SPRING LINE (HALF BURIED IN THE EXISTING GROUND). DUE TO LESS THAN 2' OF COVER, ADHERE TO BEDDING RECOMMENDATIONS OF THE MANUFACTURER.

**STABILIZATION & EROSION CONTROL:**  
 STABILIZATION WILL BE BY THE STONE SURFACES. THERE ARE NO VEGETATIVE STABILIZATION METHODS PROPOSED. WORK WILL PROGRESS WITH THE SEQUENTIAL PLACEMENT OF STONE AS THE FILL REACHES THE SUBGRADE HEIGHT. NO MORE THAN 50 LINEAR FEET OF FILL CAN BE EXPOSED AT ANY TIME AND NO MORE THAN 20' AT THE END OF THE DAY. AT THE END OF EACH WORKDAY EITHER THE UNFINISHED SURFACES ARE TO RECEIVE A 2" LAYER OF #57 STONE (TO REMAIN IN PLACE) OR 2 ROWS OF TYPE "C" SILT FENCE MAY BE PLACED AROUND THE UNFINISHED ROAD SECTION. THE SLOPES WILL BE A COMPOSITION OF 90% #57 STONE & 10% OYSTER SHELL.



**TYPICAL ROADWAY CROSS SECTION** N.T.S.

SEE PLAN VIEWS FOR EXISTING GROUND ELEVATIONS. EXISTING GROUND ELEVATIONS VARY FROM ELEVATION 3.7 TO ELEVATION 6.1.

**DETAILS**

A PORTION OF POLK STREET SOUTH OF U.S. HIGHWAY 80, LOCATED IN GARDEN WARD, TYBEE ISLAND, GEORGIA.

FOR  
**THE CITY OF TYBEE ISLAND AND MR. & MRS. MICHAEL LEONARD**

**DAVIS ENGINEERING, INC.**

PO BOX 1663 TYBEE ISLAND, GA 31328  
 PHONE: (912) 695-7262 EMAIL: DKDBUS@GMAIL.COM

DRAWN: D.S. & B.B. 07-06-12  
 DESIGN: D.D. JOB NO: 2060700

