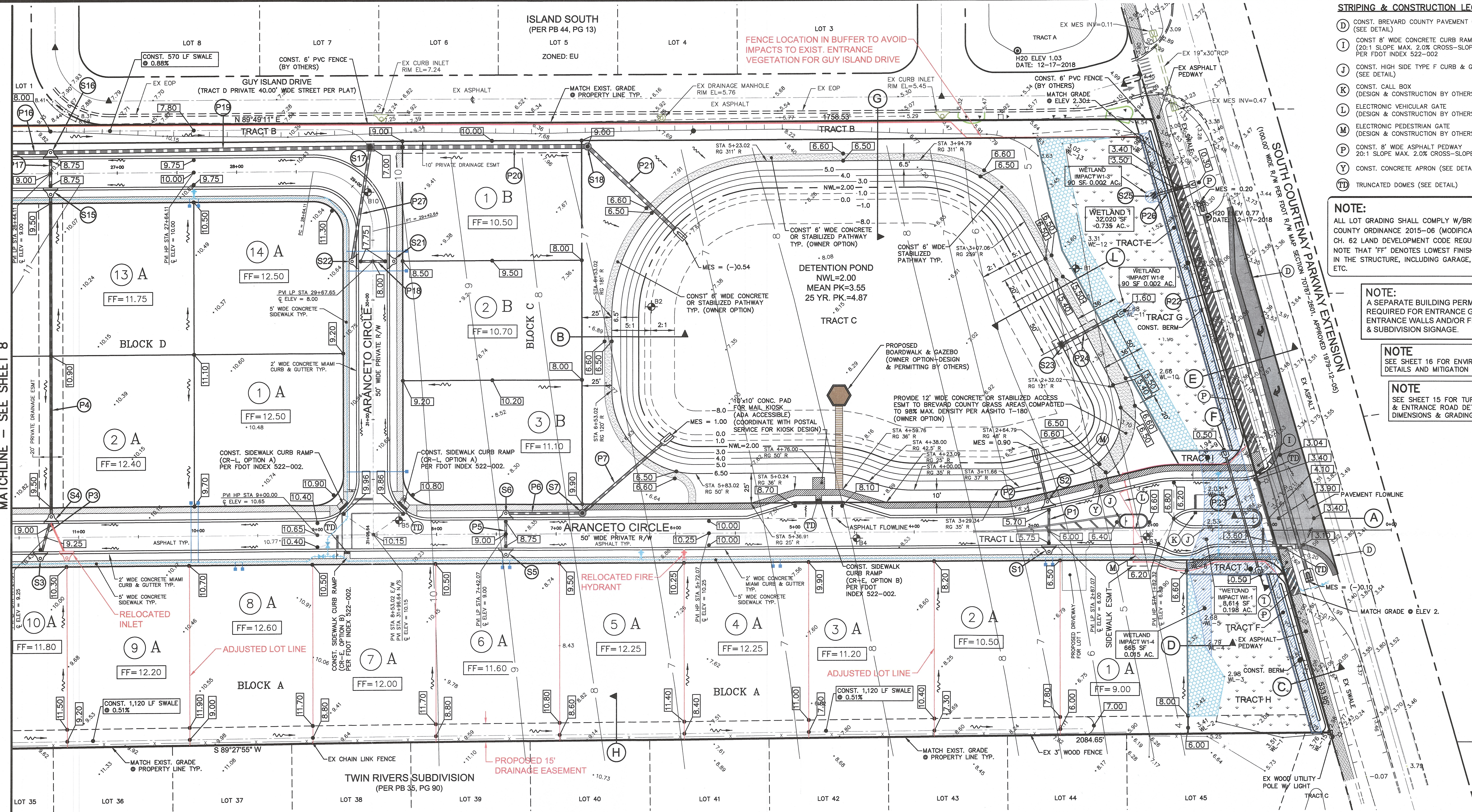


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MATCHLINE - SEE SHEET 8



- STRIPING & CONSTRUCTION LEGEND**
- (D) CONST. BREVARD COUNTY PAVEMENT CONNECTION (SEE DETAIL)
 - (I) CONST. 8" WIDE CONCRETE CURB RAMP CR-F (20:1 SLOPE MAX. 2.0% CROSS-SLOPE MAX.) PER FDOT INDEX 522-002
 - (J) CONST. HIGH SIDE TYPE F CURB & GUTTER (SEE DETAIL)
 - (K) CONST. CALL BOX (DESIGN & CONSTRUCTION BY OTHERS)
 - (L) ELECTRONIC VEHICULAR GATE (DESIGN & CONSTRUCTION BY OTHERS)
 - (M) ELECTRONIC PEDESTRIAN GATE (DESIGN & CONSTRUCTION BY OTHERS)
 - (P) CONST. 8" WIDE ASPHALT PEDWAY (20:1 SLOPE MAX. 2.0% CROSS-SLOPE MAX.)
 - (Y) CONST. CONCRETE APRON (SEE DETAIL)
 - (TD) TRUNCATED DOMES (SEE DETAIL)

NOTE:
ALL LOT GRADING SHALL COMPLY W/BREVARD COUNTY ORDINANCE 2015-06 (MODIFICATIONS TO CH. 62 LAND DEVELOPMENT CODE REGULATIONS). NOTE THAT "FF" DENOTES LOWEST FINISH FLOOR IN THE STRUCTURE, INCLUDING GARAGE, PATIOS ETC.

NOTE:
A SEPARATE BUILDING PERMIT IS REQUIRED FOR ENTRANCE GATES, ENTRANCE WALLS AND/OR FENCING & SUBDIVISION SIGNAGE.

NOTE:
SEE SHEET 16 FOR ENVIRONMENTAL DETAILS AND MITIGATION PLAN

NOTE:
SEE SHEET 15 FOR TURN LANE & ENTRANCE ROAD DETAILS, DIMENSIONS & GRADING

LEGEND

- SOIL BORING & # PER SOILS REPORT BY UNIVERSAL ENGINEERING SCIENCES No. 0330.1800102.0000 Dated 09-26-2018
- SILT FENCE LOCATION
- LOT NUMBER - (54) B - LOT GRADING TYPE
- FF=11.75 - FINISH FLOOR ELEVATION
- SECTION CALL-OUT
- PROPOSED DRAINAGE PIPE
- PROPOSED DRAINAGE STRUCTURE
- EXISTING GROUND CONTOUR
- PROPOSED SPOT ELEVATION
- EXISTING NG ELEVATION PER SURVEY BY OTHERS
- PROPOSED INLET
- PROPOSED DRAINAGE FLOW DIRECTION
- EXISTING ASPHALT PEDWAY
- PROPOSED ASPHALT PEDWAY
- EXISTING CONCRETE
- EXISTING WETLAND
- PROPOSED WETLAND IMPACT
- PROPOSED SIDEWALK (BY HOMEOWNER)
- PROPOSED SIDEWALK (BY DEVELOPER)
- DETECTABLE WARNING SURFACE
- UPLAND BUFFER
- MH MANHOLE
- INV INVERT
- HDWL HEADWALL
- HP PROPOSED HIGH POINT
- LP PROPOSED LOW POINT
- TOB TOP OF BANK
- NWL NORMAL WATER LINE
- ELEV ELEVATION
- STA STATION
- CONST CONSTRUCT
- EXIST EXISTING

SILT FENCE NOTE
THE SILT FENCE IS TO BE INSTALLED ALONG THE LOT OR TRACT LINES PER CROSS-SECTION DETAILS. THE SILT FENCE IS NOT SHOWN FOR CLARITY.

CUT & FILL CALCULATIONS
TOTAL SITE CUT = 53,100 CY
TOTAL FILL REQUIRED = 53,100 CY
TOTAL FILL REQUIRED FROM OFF-SITE = 0 (SITE BALANCES)

Wetland Summary					
Wetland	On-Site Area (Ac.)	Wetland Impacts			Overall Wetland Area Preserved (Ac.)
		Wetland Impact Designation	Impact Type	Fill or Dredge (CY)	
Wetland 1	0.735	W-1	FILL	1103	0.518
		W-2	CUT	4	
		W-3	CUT	4	
		W-4	FILL	226	
Total	0.735	0.217		1336	0.518

UPLAND BUFFER SUMMARY		
Designation	AC.	SQ.FT.
UP-1	0.135	5,911
UP-2	0.047	2,038
TRACT E	0.096	4,267
TRACT F	0.047	2,063
TOTAL	0.327	14,279

BASED ON NAVD '88 DATUM

Sec.: 24
Twp.: 25 South
Rng.: 36 East

JOSEPH W. MAYER, P.E.
LICENSE NO. 36836

Georgiana Reserve
SUBDIVISION

Bussen - Mayer Engineering Group, Inc.
100 PARNELL STREET • MERRITT ISLAND, FLORIDA 32953
PH. NO.: (321) 453-0010 • CERTIFICATE NO.: 3535

Date: Jan. 03, 2019

Scale: 1" = 40'

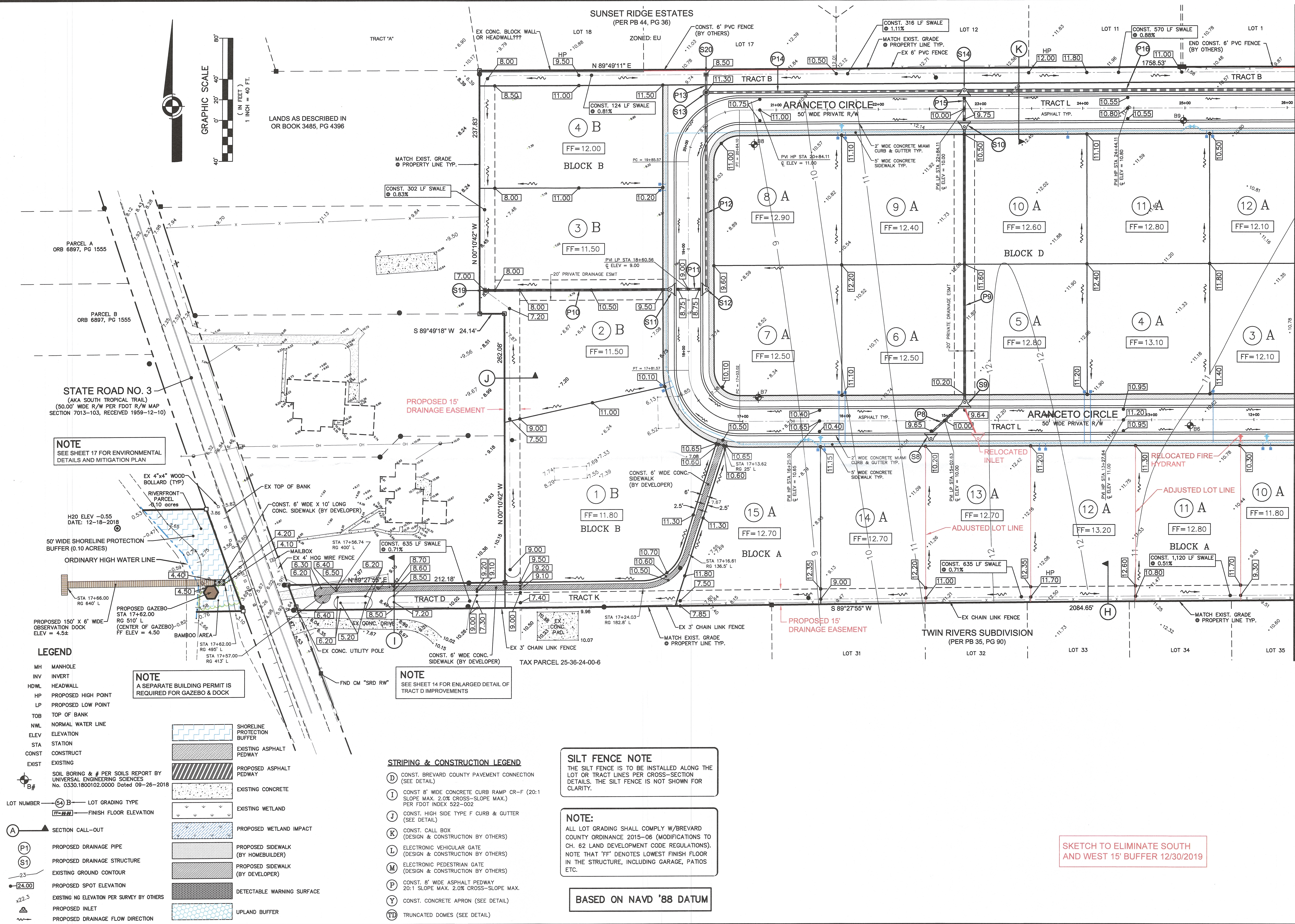
Proj. No.: 407001

Sheet Name:
Paving, Grading & Drainage Plan

Sheet **7** of 31

SKETCH TO ELIMINATE SOUTH AND WEST 15' BUFFER 12/30/2019

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PH. NO.: (321) 453-0010 • CERTIFICATE NO.: 9535

Revisions

NO.	DATE	REVISIONS
06/17/19		REV. PER BREVARD COUNTY COMMENTS
03/22/19		REV. PER BREVARD COUNTY COMMENTS
02/11/19		REV. PER INTERNAL REVIEW

Sec.: 24
Twp.: 25 South
Rng.: 36 East

JOSEPH W. MAYER, P.E.
LICENSE NO. 36836

Date: Jan. 03, 2019
Scale: 1" = 40'
Proj. No.: 407001
Sheet Name: Paving, Grading & Drainage Plan
Sheet: 8 of 31