



LOCATION MAP
1" = 3,000 FEET

MARTIN R-35.7 TO R-40 EROSION CONTROL LINE MARTIN COUNTY, FLORIDA

LENGTH: 0.74 MILE ±

SECTION 8, TOWNSHIP 38 SOUTH, RANGE 42 EAST

JULY 13, 2015



MEAN HIGH WATER LINE COORDINATE & ELEVATION VALUES

NAD 83/90 SPCS 0903 US SURVEY FEET	POINT	NORTHING	EASTING	NAVD 88	MHWL ELEV
	P08	1037386.06	929329.74	0.5	
	1020	1037267.99	929333.16	0.5	
	1023	1037120.93	929361.01	0.5	
	1026	1036971.84	929389.39	0.5	
	1029	1036823.46	929420.35	0.5	
	1032	1036695.45	929438.90	0.5	
	1035	1036574.16	929454.68	0.5	
	1038	1036459.82	929470.29	0.5	
	1042	1036307.60	929499.31	0.5	
	1045	1036184.73	929524.89	0.5	
	1247	1036035.98	929574.62	0.5	
	1248	1035937.61	929617.66	0.5	
	1053	1035815.99	929664.24	0.5	
	1056	1035703.24	929718.08	0.5	
	1059	1035586.86	929781.81	0.5	
	1062	1035468.36	929836.98	0.5	
	1065	1035355.38	929882.55	0.5	
	1068	1035239.35	929930.30	0.5	
	1071	1035127.97	929978.04	0.5	
	1074	1035008.84	930029.52	0.5	
	1077	1034885.13	930076.89	0.5	
	1080	1034764.98	930129.70	0.5	
	1083	1034639.03	930184.99	0.5	
	1086	1034523.93	930237.18	0.5	
	1089	1034399.37	930296.66	0.5	
	1092	1034283.60	930360.15	0.5	
	1095	1034158.22	930417.85	0.5	
	1098	1034030.75	930474.08	0.5	
	1101	1033908.50	930536.66	0.5	
	1104	1033793.70	930591.03	0.5	
	1118	1033643.48	929618.58	0.5	
	1119	10336031.08	929580.57	0.5	
	P01	1033749.60	930610.65	0.5	

NOTES

- BEARINGS AND COORDINATES SHOWN HEREON ARE REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983, NGS ADJUSTMENT OF 1990 (NAD83/90), ARE IN US SURVEY FEET, AND ARE BASED ON MONUMENTATION AS SHOWN IN THE CONTROL TABLE.
- ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), ARE IN FEET, AND ARE BASED ON MONUMENTATION AS SHOWN IN THE CONTROL TABLE.
- MEAN HIGH WATER ELEVATION OF 0.50 FEET NAVD 88 IS BASED ON POINT ID 100876 OBTAINED FROM THE LAND BOUNDARY INFORMATION SYSTEM INTERNET WEB SITE (WWW.LABINS.ORG), AS SHOWN ON THE FDEP MEAN HIGH WATER PROCEDURE APPROVAL FORM DATED JULY 13, 2015.
- THE INFORMATION PRESENTED ON THESE DRAWINGS REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY MORGAN & EKlund, INC. ON JULY 13, 2015 AND CAN ONLY BE CONSIDERED AS REPRESENTING THE CONDITIONS AT THE TIME OF THE SURVEY.
- THE MEAN HIGH WATER LINE AS DEPICTED HEREON SHALL ALSO BE KNOWN AS THE EROSION CONTROL LINE.
- THE DATE OF AERIAL PHOTOGRAPHY OF MARTIN COUNTY IS 2013 AND WAS PROVIDED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION.
- THE LOCATION OF LOT LINES AND SECTION LINES IS APPROXIMATE AND BASED ON INFORMATION PROVIDED BY THE MARTIN COUNTY GIS DEPARTMENT.
- THE MEAN HIGH WATER SURVEY DEPICTED HEREON COMPLIES WITH CHAPTER 177, PART II, FLORIDA STATUTES AND IS RECORDED IN THE PUBLIC REPOSITORY OF THE FLORIDA D.E.P. BUREAU OF SURVEY AND MAPPING AS MEAN HIGH WATER FILE NO. 5917.
- THE MEAN HIGH WATER LINE WAS LOCATED HORIZONTALLY AND VERTICALLY USING A TRIMBLE R-8 DUAL FREQUENCY REAL-TIME KINEMATIC GPS SYSTEM WITH A RESULTANT ACCURACY OF ± 0.16 FEET.

LEGAL DESCRIPTION

COMMENCING AT U.S. COAST AND GEODETIC MONUMENT "REFUGE 2 1934 1967" HAVING COORDINATES OF NORTHING 1,042,827.67 AND EASTING 927,286.36 AS REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983, ADJUSTMENT OF 1990 (NAD 83/90), PROCEED ALONG A BEARING OF S 20° 43' 00" E A DISTANCE OF 5103.31 FEET TO A FLORIDA DEPARTMENT OF NATURAL RESOURCES MONUMENT "MARTIN R-35 1984 RESET 82" HAVING COORDINATES OF NORTHING 1,038,054.33 AND EASTING OF 929,091.64 NAD 83/90, THENCE PROCEED ALONG A BEARING OF S 19° 36' 38" E A DISTANCE OF 709.42 TO A POINT ON THE MEAN HIGH WATER LINE OF THE ATLANTIC OCEAN (ELEVATION 0.5 FEET NAVD 88), HAVING COORDINATES OF NORTHING 1,037,386.06 AND EASTING OF 929,329.74 NAD 83/90, SAID POINT BEING THE POINT OF BEGINNING, THENCE ALONG SAID MEAN HIGH WATER LINE THE FOLLOWING COURSES AND DISTANCES, S 01° 39' 31" E A DISTANCE OF 118.12 FEET TO A POINT, THENCE S 10° 43' 25" E A DISTANCE OF 149.67 FEET TO A POINT, THENCE S 10° 46' 39" E A DISTANCE OF 151.77 FEET TO A POINT, THENCE S 11° 47' 09" E A DISTANCE OF 151.58 FEET TO A POINT, THENCE S 08° 14' 43" E A DISTANCE OF 129.35 FEET TO A POINT, THENCE S 07° 24' 45" E A DISTANCE OF 122.31 FEET TO A POINT, THENCE S 07° 46' 27" E A DISTANCE OF 115.40 FEET TO A POINT, THENCE S 10° 47' 37" E A DISTANCE OF 154.96 FEET TO A POINT, THENCE S 11° 45' 37" E A DISTANCE OF 125.50 FEET TO A POINT, THENCE S 18° 29' 13" E A DISTANCE OF 156.83 FEET TO A POINT, THENCE S 50° 28' 15" E A DISTANCE OF 7.71 FEET TO A POINT, THENCE S 23° 27' 22" E A DISTANCE OF 95.49 FEET TO A POINT, THENCE S 08° 49' 16" W A DISTANCE OF 5.94 FEET TO A POINT, THENCE S 20° 57' 09" E A DISTANCE OF 130.23 FEET TO A POINT, THENCE S 25° 31' 51" E A DISTANCE OF 124.96 FEET TO A POINT, THENCE S 28° 42' 19" E A DISTANCE OF 132.89 FEET TO A POINT, THENCE S 25° 45' 17" E A DISTANCE OF 131.57 FEET TO A POINT, THENCE S 21° 05' 20" E A DISTANCE OF 121.09 FEET TO A POINT, THENCE S 22° 22' 07" E A DISTANCE OF 125.47 FEET TO A POINT, THENCE S 23° 12' 04" E A DISTANCE OF 121.18 FEET TO A POINT, THENCE S 23° 22' 15" E A DISTANCE OF 129.78 FEET TO A POINT, THENCE S 20° 57' 09" E A DISTANCE OF 132.47 FEET TO A POINT, THENCE S 23° 43' 38" E A DISTANCE OF 131.24 FEET TO A POINT, THENCE S 23° 42' 02" E A DISTANCE OF 137.55 FEET TO A POINT, THENCE S 24° 23' 28" E A DISTANCE OF 126.38 FEET TO A POINT, THENCE S 26° 16' 12" E A DISTANCE OF 138.91 FEET TO A POINT, THENCE S 27° 58' 28" E A DISTANCE OF 131.09 FEET TO A POINT, THENCE S 24° 42' 43" E A DISTANCE OF 138.02 FEET TO A POINT, THENCE S 23° 48' 12" E A DISTANCE OF 139.32 FEET TO A POINT, THENCE S 21° 06' 29" E A DISTANCE OF 137.34 FEET TO A POINT, THENCE S 25° 20' 30" E A DISTANCE OF 127.02 FEET TO A POINT, THENCE S 23° 58' 48" E A DISTANCE OF 48.27 FEET TO THE POINT OF TERMINATION, HAVING COORDINATES OF NORTHING 1,033,749.60 AND EASTING OF 930,610.65 NAD 83/90, SAID POINT BEING 141.22 FEET DISTANT FROM A FLORIDA DEPARTMENT OF NATURAL RESOURCES MONUMENT "MARTIN COUNTY R-40" (HAVING COORDINATES OF NORTHING 1,033,740.36 AND EASTING 930469.73 NAD 83/90) ALONG A BEARING OF N 86° 14' 57" E.

CONTROL TABLE

STATION	NAD 83/90 SPCS 901 US SURVEY FEET	NAVD 88 ELEVATION	STAMPING	DESCRIPTION
REFUGE 2	1042827.67	927286.36	7.70	REFUGE 2 1934 1967
R-35	1038054.33	929091.64	6.87	MARTIN R-35 1984 RESET 82
R-37	1036272.94	929485.05	12.35	R-37 MART 1994
R-39	1034527.79	930142.53	10.98	MARTIN R-39 75
R-40	1033740.36	930469.73	9.58	R-40
P 236		1.86	P 236 1965	CGS CM

LEGEND

CGS	U.S. COAST AND GEODETIC SURVEY
CM	CONCRETE MONUMENT
DNR	FLORIDA DEPARTMENT OF NATURAL RESOURCES
FDEP	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
M&E	MORGAN & EKlund, INC.
PIN	PARCEL IDENTIFICATION NUMBER
POB	POINT OF BEGINNING
POT	POINT OF TERMINATION
USACE	U.S. ARMY CORPS OF ENGINEERS
1001	MHWL LOCATION POINT NUMBER
□	CONTROL MONUMENT

APPROVALS

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

KNOW ALL PERSONS BY THESE PRESENTS: THAT THE BUREAU OF SURVEY AND MAPPING OF THE DIVISION OF STATE LANDS, DEPARTMENT OF ENVIRONMENTAL PROTECTION OF THE STATE OF FLORIDA HEREBY APPROVES THIS PLAT.

DATED AT 10:30 AM THIS 23 DAY OF DECEMBER, 2015.

W. Lamar Evers
W. LAMAR EVERS, PSM
BUREAU OF SURVEY & MAPPING

SURVEYOR CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS IN ACCORDANCE WITH A RECENT FIELD SURVEY MADE UNDER MY DIRECTION, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE STANDARDS OF PRACTICE AS SET FORTH IN THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 472, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOHN R. MORGAN, PLS
PROFESSIONAL LAND SURVEYOR
FLORIDA CERTIFICATION NUMBER 3520

John R. Morgan
12/21/15