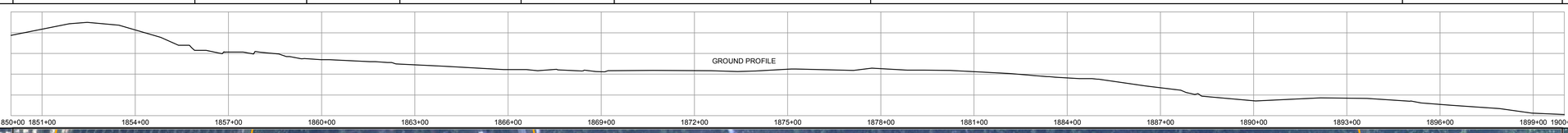
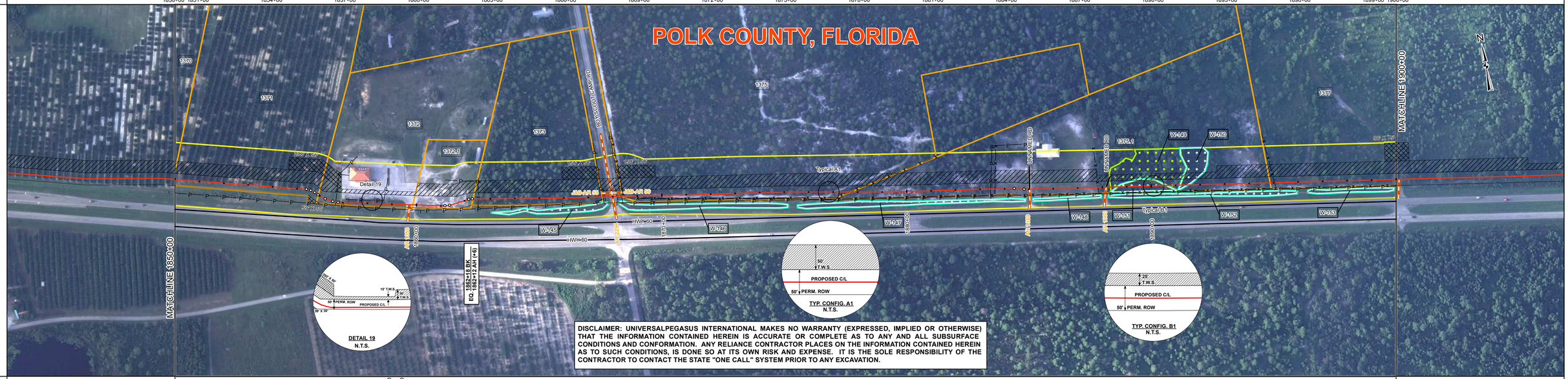
TRACT	MATCHLINE 1850+00	1371 EUGENE S. SMITH TRUST 592 FT 1850+00 TO 1855+92	1372 ROBERT J. MALONE AND BELINDA A. MORGAN 393 FT 1855+92 TO 1859+85	1372.1 ROBERT J. MALONE AND BELINDA A. MALONE 249 FT 1859+85 TO 1862+28	1373 BK PROPERTIES 1, LLC 528 FT 1862+28 TO 1867+56	BOY SCOUT CAMP RD POLK COUNTY 82 FT 1867+56 TO 1868+38	1375 GOFF PROPERTIES LLC 934 FT 1868+38 TO 1877+72	1375.1 KATY GUKICH 1713 FT 1877+72 TO 1894+85	1377 POLK PROPERTY, LLC. 515 FT 1894+85 TO 1900+00	MATCHLINE 1900+00

GROUND PROFILE
HORIZ: 1" = 200'
VERT: 1" = 30'



SCALE: 1" = 200'



SURVEY DATA — STATIONING

MATCHLINE 1850+00

1855+39 PI_10°52'38" RT
1855+52 MONUMENT RT 2'
1855+57 PI_10°52'38" RT
1855+67 IRON ROD RT 1'
1855+75 PI_10°52'38" RT
1855+91 BEGIN ELEVATION
1855+91 PI_8°24'24" LT
1856+01 IRON ROD RT 24'
1856+25 PI_4°53'37" LT
1856+38 GUY ANCHOR LT 109'
1856+44 POWER POLE LT 112'
1856+58 PI_8°43'25" LT
1856+80 PI_8°43'25" LT
1856+90 PI_9°12'31" LT
1856+99 UNDERGROUND TELEPHONE LT 109'
1857+11 POWER POLE LT 14'
1857+89 POWER POLE RT 24'
1858+66 POWER POLE LT 16'
1859+55 ROAD EDGE
1859+55 FENCE CORNER
1860+25 MONUMENT RT 11'
1860+47 POWER POLE LT 8'
1861+16 PI_9°25'8" LT
1862+18 PI_9°25'8" LT
1862+18 ROAD EDGE
1862+18 PI_9°10'29" RT
EQ 1862+18 BK
1862+19 IRON ROD RT 24'
1862+23 PI_7°14'46" RT
1862+49 POWER LINE
1862+60 POWER POLE RT 24'
1862+61 GUY ANCHOR LT 69'
1865+93 IRON ROD RT 24'
1867+28 POWER POLE RT 24'
1867+46 GUY ANCHOR RT 24'
1867+49 POWER POLE RT 24'
1867+51 GUY ANCHOR RT 24'
1867+52 GUY ANCHOR RT 24'
1867+59 POWER LINE
1867+60 POWER POLE RT 24'
1867+60 IRON ROD RT 25'
1867+67 TELEPHONE LINE
1867+85 ROAD EDGE
1867+88 BOY SCOUT CAMP RD
1867+89 CL AR 2284
1868+02 OVERHEAD POWER LINE 24'
1868+11 ROAD EDGE
1868+17 TELEPHONE LINE
1868+38 POWER LINE
1868+39 MONUMENT RT 2'
1868+42 MONUMENT LT 2'
1868+44 FENCE
1868+45 FENCE CORNER RT 6'
1873+39 IRON ROD RT 25'
1877+12 IRON ROD RT 25'
1877+12 FENCE CORNER RT 24'
1877+71 FENCE
1879+39 IRON ROD RT 25'
1883+43 POWER LINE
1883+45 FENCE CORNER RT 24'
1883+60 FENCE
1884+42 FENCE CORNER RT 24'
1884+59 PI_7°19'51" LT
1884+59 ROAD EDGE
1885+02 UNNAMED RD
1885+02 CLAR 1359
1885+07 ROAD EDGE
1887+65 IRON ROD RT 25'
1887+82 FENCE
1887+84 FENCE CORNER RT 24'
1888+11 ROAD EDGE
1888+16 UNNAMED RD
1888+16 CLAR 1360
1888+21 ROAD EDGE
1895+03 FENCE
1895+09 FENCE CORNER RT 24'
MATCHLINE 1900+00

SURVEY DATA — MATERIAL

MATCHLINE 1850+00

6 — 915'
4 — 120'
6 — 709'
4 — 120'
6 — 1464'
38-9K# SBW 11.5 CC
5 — 1678'
MATCHLINE 1900+00

1855+57
1856+25
1859+15
1860+35
1861+16
1862+26
1867+38
1867+58
1868+37
1868+58
1868+63
1877+71
1883+22
1887+78
1887+83
1892+03
1895+04

ENGINEERING DATA

REFERENCE DRAWING	21040-440-PMW-00039
CLASS LOCATION	Class III; 1883+22 Class II
MINIMUM DEPTH OF COVER	3'; 4'; 3'; 4'; SEE REF DWG; 3'; 4'; 3'; 4'; 3'
AC MITIGATION / CATHODIC PROTECTION	

ENVIRONMENTAL DATA

MATCHLINE 1850+00

WATERBODY/WETLAND CROSSINGS	W-149 W-151 W-149 W-150
WATERBODY/WETLAND LENGTH	30' 198' 57' 29'
STATIONS	1859+15; 1860+35; 1862+26; 1867+38; 1868+58; 1874+35; 1884+62; 1885+22; 1887+69; 1887+96; 1888+33; 1888+36; 1888+63; 1888+63; 1890+61; 1890+61; 1891+18; 1891+19; 1891+47
PERMANENT EROSION CONTROL — EROSION CONTROL CODE	THIS BAND NOT UTILIZED
PERMANENT EROSION CONTROL — SLOPE BREAKER CODE	THIS BAND NOT UTILIZED
PERMANENT EROSION CONTROL — TOPSOIL SALVAGE	THIS BAND NOT UTILIZED
THREATENED AND ENDANGERED SPECIES	Potential Sand Skink Habitat
SPECIAL CONDITIONS — TIMING CONSTRAINT	THIS BAND NOT UTILIZED
SPECIAL CONDITIONS — CONSTRAINT 2	THIS BAND NOT UTILIZED
SPECIAL CONDITIONS — CONSTRAINT 3	THIS BAND NOT UTILIZED
SPECIAL CONDITIONS — CONSTRAINT 4	THIS BAND NOT UTILIZED

MATCHLINE 1900+00

BILL OF MATERIALS

ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
4	240	FT			36" O.D. x 0.750" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE & 24-30 MILS ARO
5	1678	FT			36" O.D. x 0.625" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE
6	3088	FT			36" O.D. x 0.750" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE

FITTINGS SUMMARY

ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION

PIPE ASSEMBLIES

QTY	UOM	DESCRIPTION

MISCELLANEOUS MATERIALS

QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
38	EA			SET ON WEIGHTS
4	EA			PIPELINE MARKERS
5	EA			WARNING SIGNS
1	EA			CP TEST STATION TYPE 1
0	EA			CP TEST STATION TYPE 2
0	EA			AERIAL MARKERS
0	EA			ANODE BED DEEP WELL

CONTINUOUS CONCRETE COATING

QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION

PIPE COATING DATA

PIPE COATING: 14 MIL MINIMUM FBE AND 24 MIL MINIMUM ARO
GIRTH WELD COATING: 2 PART EPOXY
INTERNAL COATING (YES/NO): NO

TYPICAL DRAWINGS

DWG/FIELD BOOK NO.	TITLE
21040-510-TYP-20001	CATHODIC PROTECTION STD. SINGLE POINT TEST STATION, TYPE 1
21040-510-TYP-20002	CATHODIC PROTECTION STD. FOREIGN PIPELINE CROSSING TEST STATION, TYPE 2
21040-510-TYP-20028 21040-510-TYP-20029	TYPICAL OPEN CUT / BORE
21040-510-TYP-20112	CONTINUOUS CONCRETE COATING STANDARD FOR 36", 30" PIPELINE
21040-510-TYP-20113	TYPICAL SADDLE BAG WEIGHTS
21040-510-TYP-20114	WARNING SIGN DETAIL
21040-510-TYP-20115	AERIAL MARKER INSTALLATION DETAIL
21040-510-TYP-20116	AERIAL MARKER DETAIL
21040-510-TYP-20117	TYPICAL PIPELINE MARKER ASSEMBLY
21040-510-TYP-20118	PIPELINE MARKER "WARNING" DECAL

GENERAL INFORMATION

1. THE MINIMUM DEPTH OF COVER FOR THE PROJECT IS 36 INCHES. ADDITIONAL DEPTH OF COVER IS REQUIRED FOR ROAD AND WATERBODY CROSSINGS, AND IS TO BE IN ACCORDANCE WITH REFERENCED PERMIT DRAWINGS, SITE SPECIFIC DRAWINGS, OR CONSTRUCTION SPECIFICATIONS, WHICHEVER IS MORE STRINGENT.
2. THE BOUNDARIES OF ALL WORK AREAS WILL BE CLEARLY MARKED AND ALL WORK SHALL REMAIN WITHIN THE DESIGNATED WORK AREA.
3. THE REQUIRED STATE ONE CALL NOTIFICATION IS THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR.
4. THE CONTRACTOR SHALL ACCESS THE WORK AREA USING ONLY PUBLIC ROADS AND APPROVED ACCESS ROADS.
5. ADDITIONAL WARNING SIGNS MAY BE REQUIRED AS DICTATED BY CONSTRUCTION CONTRACT.
6. MAP PROJECTION: NAD 1983 HARN STATE PLANE FLORIDA EAST FIPS 0901 FEET. VERTICAL DATUM: NAVD 88.

SPECIAL NOTES

1. INDUCTION BEND QUANTITIES ALONG WITH THEIR DESCRIPTIONS ARE LOCATED ON DRAWING 21040-505-FBW-00001.
2. (A) - SEE ARK DRAWING PACKAGE FOR ANODE BED DEEP WELL.

LEGEND

HDD PIPE
BORE PIPE
LINE PIPE
3R RAD FIT
INDUCTION BEND
TRANSITION PIPE
CONT. CONC. COAT.
SET-ON WEIGHTS
WARNING SIGN
MATERIAL ITEM
AERIAL MARKER
CP TEST STATION
BV MOV / BV & CV
PIPELINE MARKER
PIPELINE MILEPOST
ANODE BED DEEP WELL

PIPELINE ROUTE
FENCE
POWER LINE
TELEPHONE LINE
WATERLINE
SEWER LINE
BURIED CABLE
UTILITY LINE
GENERAL SURVEY
FOREIGN PIPELINE
RAILROAD
HIGHWAY / ROAD
PRIVATE ACCESS / SHOO-FLY ROAD
COUNTY BOUNDARY
ROW PARCEL
PLSS SECTION LINE
TRAP
WATER WELL
HDD ENTRY / EXIT

PERMANENT ROW
TEMPORARY WORKSPACE
ADDITIONAL TEMPORARY WORKSPACE
NON FORESTED WETLAND
FORESTED WETLAND
WATERBODY
PARCEL NUMBER
WETLAND / WATERBODY NAME
ROOKERY
ROOKERY BUFFER (1000 FEET)
TYPICAL / DETAIL CONFIGURATION
POINT OF INTERSECTION (PI)
VERTICAL FITTING
SPREAD BREAK
ENVIRONMENTAL SURVEY AREA

REVISIONS

NO.	DESCRIPTION	DATE	REV BY	CHK BY	APP BY
1	IFC (UPDATE ENV., RE-ROUTES, FOOT-PRINT)	2016-04-08	MB	MJ	RG
0	ISSUED FOR CONSTRUCTION	2015-12-15	MB	MJ	RG

APPROVAL	COMPANY
ENVIRONMENTAL	
LAND	

0 100 200 400 800

1 INCH = 200 FT

APPROVALS

DRAWN BY:	MB	CONSTRUCTION PERMIT NO.	
CHECKED BY:	MJ	MAINTENANCE OPERATION REGION	
PROJECT MANAGER	RG	MIN. TEST PRESSURE	1816 PSI
PROJECT DEF. NO.		DESIGN PRESSURE	1440 PSI

UniversalPegasus INTERNATIONAL
A Subsidiary of Huntington Ingalls Industries

FLORIDA SOUTHEAST CONNECTION

FLORIDA SOUTHEAST CONNECTION PROJECT

STA: 1850+00 TO 1900+00 | DISCIPLINE#: 03

FLORIDA SOUTHEAST CONNECTION ALIGNMENT SHEET POLK COUNTY, FLORIDA

SCALE: 1" = 200' | 21040-510-ALS-00042 | REV. 1

SHEET 42