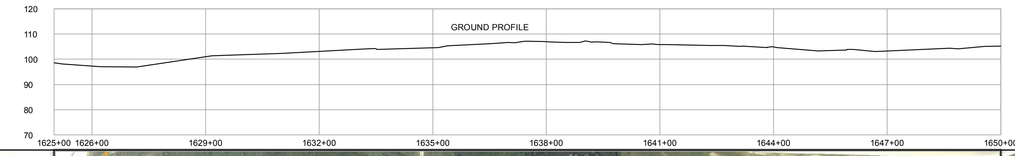
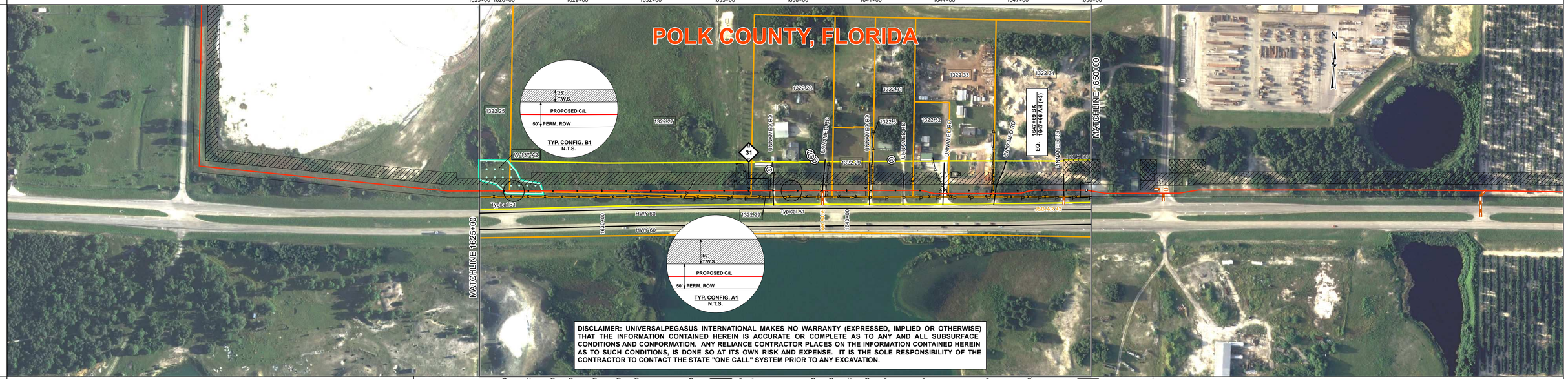
TRACT	MATCHLINE 1625+00	1322.25 FLORIDA ROCK INDUSTRIES, INC. 123 FT 1625+00 TO 1626+23	1322.27 FLORIDA ROCK INDUSTRIES, INC. 988 FT 1626+23 TO 1636+11	1322.28 JUANITA SPIVEY, ELIZABETH JANE WILLIAMS, FLOYD M. SPIVEY 331 FT 1636+11 TO 1639+42	1322.29 FLOYD M. SPIVEY 150 FT 1639+42 TO 1640+92	1322.3 ROBERT E. TUCKER, ET AL 15 FT 1640+92 TO 1641+07	1322.31 RONALD H. MASON AND MARY LOU MASON 164 FT 1641+07 TO 1642+71	1322.32 EAST CENTRAL FLORIDA PROPERTIES, LLC 147 FT 1642+71 TO 1644+18	1322.33 WOODROW W. ELLISON, JR. AND VIRGINIA C. ELLISON TRUST 184 FT 1644+18 TO 1646+02	1322.34 WEBSTER AND LEONARD, INC. 401 FT 1646+02 TO 1650+00	MATCHLINE 1650+00

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



SCALE: 1" = 200'



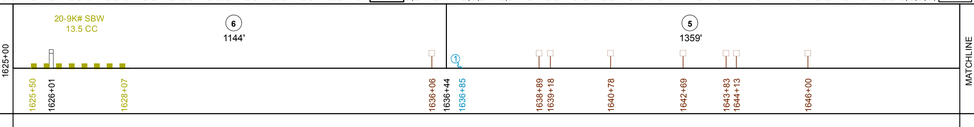
SURVEY DATA — STATIONING

MATCHLINE 1625+00

1628+23 IRON PIPE RT 1'
1633+42 GUY ANCHOR RT 8'
1633+49 POWER POLE RT 8'
1633+63 POWER POLE RT 16'
1633+77 POWER POLE LT 44'
1635+38 FENCE CORNER RT 23'
1635+39 FENCE
1636+05 FENCE CORNER RT 23'
1636+88 POWER LINE
1636+89 UNNAMED RD
1638+83 FENCE CORNER RT 22'
1638+84 POWER POLE RT 22'
1638+96 FENCE CORNER LT 20'
1639+03 UNNAMED RD
1639+03 CLAR 9459
1639+12 FENCE CORNER
1639+16 POWER LINE
1639+31 FENCE CORNER RT 22'
1639+78 FENCE CORNER RT 22'
1640+45 UNNAMED RD
1641+05 POWER LINE
1641+15 FENCE CORNER LT 39'
1642+43 UNNAMED RD
1642+68 FENCE CORNER RT 23'
1642+69 FENCE
1643+02 BEGIN EQUATION
1643+02 PI #35826 RT
1643+06 ABOVEGROUND SANITARY
1643+11 ABOVEGROUND GAS LT 6'
1643+26 PI #35815 RT
1643+44 PI #7722 LT
1643+45 GUY ANCHOR LT 66'
1643+53 PI #7718 LT
1643+71 POWER POLE LT 70'
1643+82 FENCE CORNER
1643+83 FENCE
1643+84 FENCE CORNER
1643+97 UNNAMED RD
1644+11 FENCE CORNER
1644+13 FENCE
1644+14 FENCE CORNER
1644+15 POWER LINE
1644+28 ABOVEGROUND GAS LT 7'
1644+38 EDGE OF GRAVEL
1644+57 ABOVEGROUND GAS LT 69'
1644+60 EDGE OF GRAVEL
1645+45 EDGE OF GRAVEL
1645+66 ABOVEGROUND WATER LT 28'
1645+70 POWER POLE
1645+98 GUY ANCHOR
1646+15 PI #7232 RT
1646+00 FENCE CORNER
1646+10 UNNAMED RD
1646+15 FENCE
1646+24 PI #7722 LT
1647+26 PI #7613 RT
1647+69 BK
1647+66 AH (+3)
EQ.
1647+69 PI #35827 RT
1648+55 POWER POLE RT 20'
1648+88 UNNAMED RD
1649+02 POWER POLE LT 28'
1649+57 POWER LINE
1649+61 PI #35821 RT

MATCHLINE 1650+00

ENGINEERING DATA — MATERIAL



REFERENCE DRAWING											
CLASS LOCATION	Class III							Class II			
MINIMUM DEPTH OF COVER	3'	4'	3'	4'	3'	4'	3'	4'	3'	4'	3'
AC MITIGATION / CATHODIC PROTECTION											

ENVIRONMENTAL DATA

WATERBODY/WETLAND CROSSINGS		W-137-A2									
WATERBODY/WETLAND LENGTH		155'									
STATIONS	1628+01	1627+56	1636+80	1637+20	1638+83	1639+23	1640+75	1641+15	1642+11	1646+30	1648+68	1649+08
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												
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												

MATCHLINE 1625+00 — MATCHLINE 1650+00

BILL OF MATERIALS

ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
5	1359	FT			36" O.D. x 0.625" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE
6	1144	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
20	EA			SET ON WEIGHTS
1	EA			PIPELINE MARKERS
8	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 / SHOOFLY 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		

0 100 200 400 600 800

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: 1625+00 TO 1650+00 | DISCIPLINE#: 03

FLORIDA SOUTHEAST CONNECTION ALIGNMENT SHEET POLK COUNTY, FLORIDA

SCALE: 1" = 200' | 21040-510-ALS-00037 | REV. 1