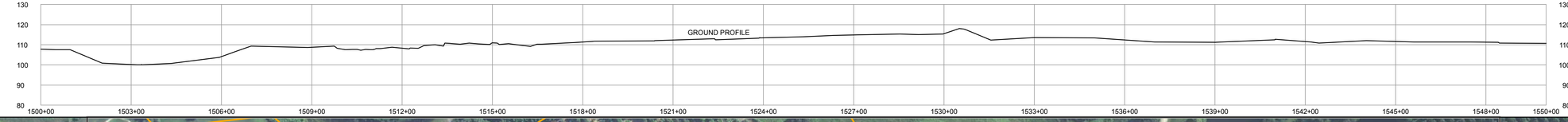
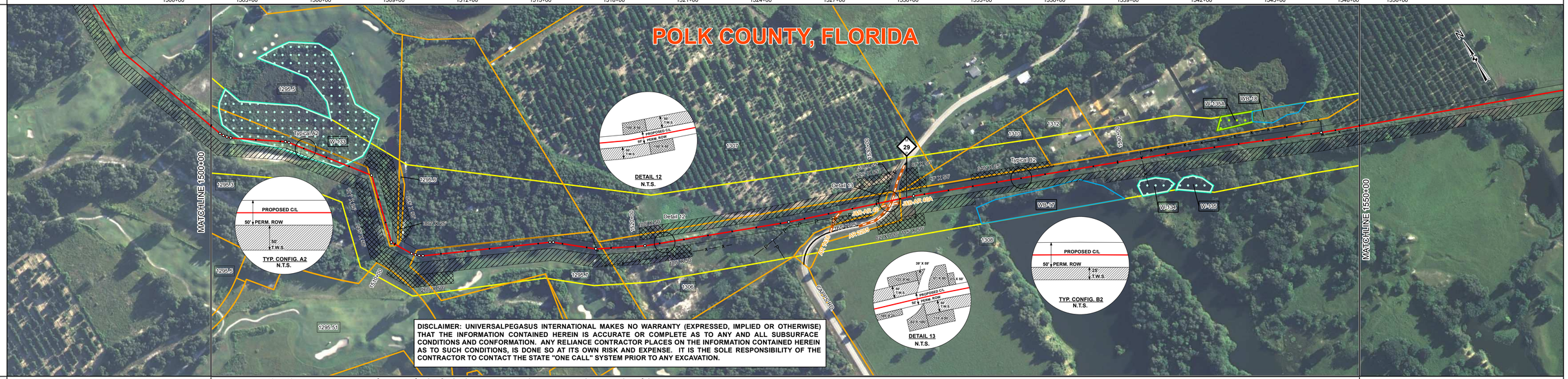
TRACT		MATCHLINE 1500+00	1295.3 OAKWOOD LAND COMPANY, L.L.P. 689 FT 1500+00 TO 1506+89	1295.5 MILMACK, INC. 322 FT 1506+89 TO 1510+11	1295.3 OAKWOOD LAND COMPANY, L.L.P. 82 FT 1510+11 TO 1510+93	1295.7 MILMACK, INC. 772 FT 1510+93 TO 1518+65	1306 E. R. JAHNA INDUSTRIES, INC. 1167 FT 1518+65 TO 1530+32	CAPPS RD POLK COUNTY 67 FT 1530+32 TO 1530+99	1308 E. ELIAS JAHNA 1901 FT 1530+99 TO 1550+00	MATCHLINE 1550+00

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



SCALE: 1" = 200'



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SURVEY DATA — STATIONING

MATCHLINE 1500+00

1500+49 PI, R'56'14" LT
1500+65 PI, R'56'14" LT
1500+81 PI, R'56'14" LT
1500+97 PI, R'56'14" LT
1503+15 SPILLWAY EDGE RT 24'
1503+20 PI, R'43'12" RT
1503+24 SPILLWAY EDGE RT 24'
1503+39 PI, R'43'12" RT
1506+49 PI, R'2'11" RT
1507+49 CULVERT L 61'
1508+24 CONCRETE APRON LT 69'
1508+28 CULVERT L 67'
1508+28 CONCRETE APRON LT 66'
1509+42 SIDEWALK LT 60'
1509+44 IRON ROD RT 17'
1509+84 IRON ROD RT 17'
1510+12 IRON ROD LT 1'
1510+21 SIDEWALK LT 27'
1510+63 SIDEWALK RT 5'
1510+79 PI, R'48'16" LT
1510+98 SIDEWALK RT 5'
1510+99 PI, R'48'16" LT
1511+07 IRON ROD LT 19'
1511+07 UNDERGROUND WATER RT 54'
1511+10 PI, R'48'16" LT
1511+39 PI, R'48'16" LT
1512+05 IRRIGATION CONTROL BOX RT 23'
1512+24 SIDEWALK RT 5'
1513+42 SIDEWALK LT 8'
1514+22 SIDEWALK LT 2'
1514+91 SIDEWALK RT 6'
1515+84 SIDEWALK LT 5'
1515+87 SIDEWALK LT 1'
1516+48 PI, 7'22'9" RT
1516+50 SIDEWALK RT 5'
1516+62 PI, 7'22'9" RT
1518+10 SIDEWALK LT 21'
1518+30 SIDEWALK RT 2'
1518+38 PI, 12'12'14" LT
1518+74 FENCE CORNER RT 72'
1520+38 PI, 5'5'10" LT
1528+14 GUY ANCHOR RT 16'
1528+17 GUY ANCHOR RT 16'
1528+34 POWER POLE RT 15'
1528+45 OVERHEAD POWER RT 17'
1528+45 GUY ANCHOR RT 17'
1529+16 OVERHEAD POWER RT 22'
1529+33 PEDESTAL RT 24'
1529+77 POWER POLE RT 23'
1529+99 POWER LINE
1530+43 ROAD EDGE
1530+66 CLAR 2288
1530+79 ROAD EDGE
1531+47 FENCE
1531+55 FENCE CORNER RT 86'
1531+55 FENCE
1531+55 PI, 2'20'43" RT
1531+55 FENCE CORNER LT 12'
1540+99 FENCE
1548+41 PI, 2'7'46" LT
1548+45 FENCE
1548+45 FENCE CORNER RT 10'

MATCHLINE 1550+00

ENGINEERING DATA — MATERIAL

MATCHLINE 1500+00

42-9K# SBW 13.5 CC
IB-113
45°
6 2556'
5 460'
4 100'
5 1884'

1500+82
1506+29
1508+69
1508+99
1509+84
1509+84
1511+10
1516+62
1518+41
1520+39
1525+56
1530+10
1530+16
1530+32
1530+98
1531+16
1531+65
1540+99
1546+02

MATCHLINE 1550+00

REFERENCE DRAWING	21040-440-PMW-00028
CLASS LOCATION	Class III / 1525+56 / Class II
MINIMUM DEPTH OF COVER	3" / SEE REF DWG / 3"
AC MITIGATION / CATHODIC PROTECTION	

ENVIRONMENTAL DATA

MATCHLINE 1500+00

WATERBODY/WETLAND CROSSINGS	W-133
WATERBODY/WETLAND LENGTH	440'
STATIONS	1501+39 / 1505+79 / 1518+24 / 1520+73 / 1525+70 / 1530+16 / 1530+31 / 1531+16
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 / 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 1550+00

BILL OF MATERIALS

ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
4	100	FT			36" O.D. x 0.750" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE & 24-30 MILS ARO
5	2344	FT			36" O.D. x 0.625" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE
6	2556	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
	1	EA			45° 3R HORIZONTAL FITTING

PIPE ASSEMBLIES

QTY	UOM	DESCRIPTION

MISCELLANEOUS MATERIALS

QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
42	EA			SET ON WEIGHTS
6	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		

0 100 200 400 600 800

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	

Universal Pegasus International — A Subsidiary of Huntington Ingalls Industries

FLORIDA SOUTHEAST CONNECTION

FLORIDA SOUTHEAST CONNECTION PROJECT

STA: 1500+00 TO 1550+00 | DISCIPLINE#: 03

FLORIDA SOUTHEAST CONNECTION ALIGNMENT SHEET POLK COUNTY, FLORIDA

SCALE: 1" = 200' | 21040-510-ALS-00034 | REV. 1

SHEET 34