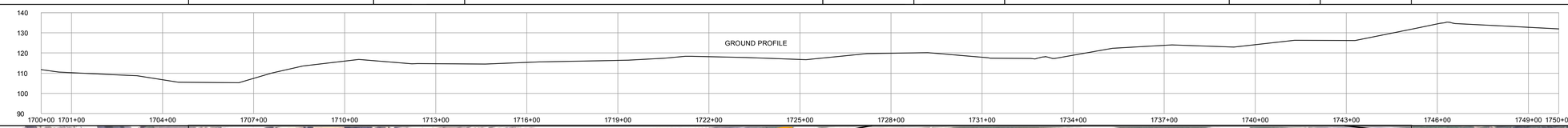
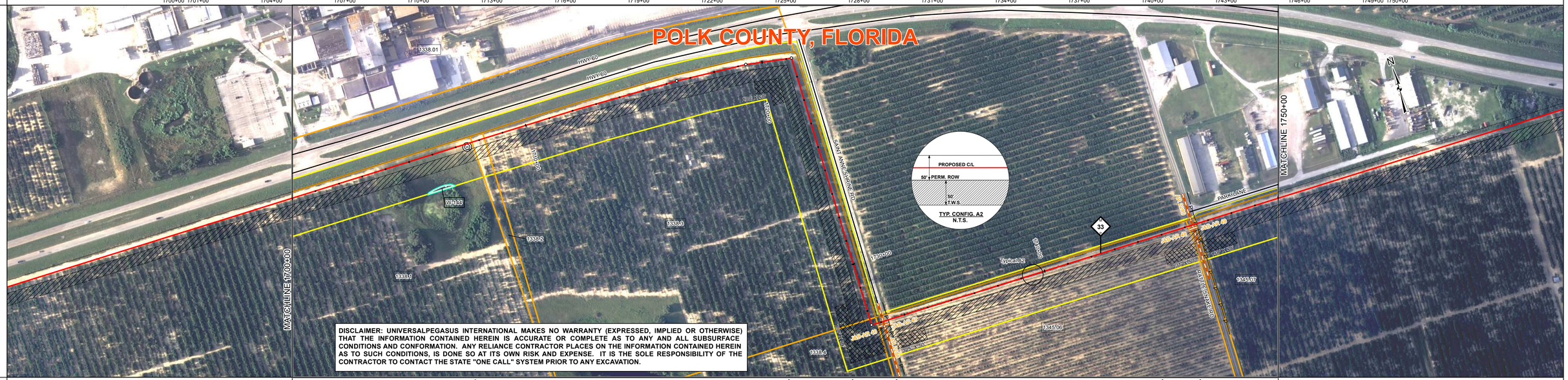
TRACT	MATCHLINE 1700+00	1338.1 ALCOMA PROPERTIES, LTD 770 FT 1700+00 TO 1707+70	1338.2 PH CITRUS, LLC 52 FT 1707+70 TO 1708+22	1338.3 PH CITRUS, LLC 2412 FT 1708+22 TO 1732+34	1338.4 PH CITRUS, LLC 50 FT 1732+34 TO 1732+84	SAINT ANNE SHRINE RD POLK COUNTY 29 FT 1732+84 TO 1733+13	1345.06 PH CITRUS, LLC 1301 FT 1733+13 TO 1746+14	RATTLE SNAKE RD POLK COUNTY 34 FT 1746+14 TO 1746+48	1345.07 PH CITRUS, LLC 352 FT 1746+48 TO 1750+00	MATCHLINE 1750+00

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



SCALE: 1" = 200'



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SURVEY DATA — STATIONING

MATCHLINE 1700+00

1707+45 WATER WELL RT 13'
1707+48 IRON PIPE LT 12'
1708+23 IRON ROD LT 25'
1716+43 PI, 23°27'27" RT
1719+33 PI, 5°32'46" RT
1721+21 IRON ROD LT 29'
1721+21 PI, 8°18'29" RT
1723+45 GUY ANCHOR LT 17'
1732+34 IRON ROD LT 23'
1732+69 PI, 90°24'58" LT
1732+84 ROAD EDGE
1732+84 RATTLE SNAKE SHRINE RD
1733+03 CLAR 2288
1733+08 ROAD EDGE
1733+28 IRON ROD LT 25'
1733+30 POWER LINE
1746+10 IRON ROD LT 24'
1746+22 ROAD EDGE
1746+32 RATTLE SNAKE RD
1746+32 CLAR 2289
1746+42 ROAD EDGE
1746+48 IRON ROD LT 24'
1746+49 POWER POLE RT 43'
1746+50 POWER LINE

MATCHLINE 1750+00

ENGINEERING DATA — MATERIAL

MATCHLINE 1700+00

6 — 3269'
IB-116
90°
4 — 80'
6 — 1244'
4 — 80'
6 — 327'

1708+34
1716+43
1719+34
1721+21
1721+21
1732+69
1732+69
1732+69
1732+85
1733+37
1733+49
1745+93
1745+93
1746+49
1746+73
1746+73

MATCHLINE 1750+00

REFERENCE DRAWING	21040-440-PMW-00032	21040-440-PMW-00033
CLASS LOCATION	Class III	
MINIMUM DEPTH OF COVER	3' / SEE REF DWG / 3'	SEE REF DWG / 3'
AC MITIGATION / CATHODIC PROTECTION		

ENVIRONMENTAL DATA

MATCHLINE 1700+00

WATERBODY/WETLAND CROSSINGS		
WATERBODY/WETLAND LENGTH		
STATIONS		1732+69, 1733+49, 1745+93, 1746+73
PERMANENT EROSION CONTROL	EROSION CONTROL CODE	THIS BAND NOT UTILIZED
	SLOPE BREAKER CODE	THIS BAND NOT UTILIZED
	TOPSOIL SALVAGE	THIS BAND NOT UTILIZED
THREATENED AND ENDANGERED SPECIES		
SPECIAL CONDITIONS	TIMING CONSTRAINT	THIS BAND NOT UTILIZED
	CONSTRAINT 2	THIS BAND NOT UTILIZED
	CONSTRAINT 3	THIS BAND NOT UTILIZED
	CONSTRAINT 4	THIS BAND NOT UTILIZED

MATCHLINE 1750+00

BILL OF MATERIALS

ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
4	160	FT			36" O.D. x 0.750" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE & 24-30 MILS ARO
6	4840	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			90° 3R HORIZONTAL FITTING

PIPE ASSEMBLIES

QTY	UOM	DESCRIPTION

MISCELLANEOUS MATERIALS

QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
0	EA			SET ON WEIGHTS
5	EA			PIPELINE MARKERS
4	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: 1700+00 TO 1750+00 | DISCIPLINE#: 03

FLORIDA SOUTHEAST CONNECTION
ALIGNMENT SHEET
POLK COUNTY, FLORIDA

SCALE: 1" = 200' | 21040-510-ALS-00039 | REV. 1