



DISCLAIMER: UNIVERSALPEGASUS INTERNATIONAL MAKES NO WARRANTY (EXPRESSED, IMPLIED OR OTHERWISE) THAT THE INFORMATION CONTAINED HEREIN IS ACCURATE OR COMPLETE AS TO ANY AND ALL SUBSURFACE CONDITIONS AND CONFORMATION. ANY RELIANCE CONTRACTOR PLACES ON THE INFORMATION CONTAINED HEREIN AS TO SUCH CONDITIONS, IS DONE SO AT ITS OWN RISK AND EXPENSE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE STATE "ONE CALL" SYSTEM PRIOR TO ANY EXCAVATION.

SURVEY DATA	STATIONING
MATCHLINE 1365+00	1365+00
MATCHLINE 1365+00	1367+01
MATCHLINE 1365+00	1373+64
MATCHLINE 1365+00	1383+64
MATCHLINE 1365+00	1393+64
MATCHLINE 1365+00	1396+32
MATCHLINE 1365+00	1407+77
MATCHLINE 1365+00	1407+84
MATCHLINE 1365+00	1408+67
MATCHLINE 1365+00	1408+74
MATCHLINE 1365+00	1411+85
MATCHLINE 1415+00	1415+00

ENGINEERING DATA	MATERIAL
REFERENCE DRAWING	21040-440-PMW-00025
CLASS LOCATION	Class II
MINIMUM DEPTH OF COVER	3'
AC MITIGATION / CATHODIC PROTECTION	SEE REF DWG

ENVIRONMENTAL DATA	STATIONS
WATERBODY/WETLAND CROSSINGS	
WATERBODY/WETLAND LENGTH	
PERMANENT EROSION CONTROL	THIS BAND NOT UTILIZED
SLOPE BREAKER CODE	THIS BAND NOT UTILIZED
TOPSOIL SALVAGE	THIS BAND NOT UTILIZED
THREATENED AND ENDANGERED SPECIES	Potential Sand Skink Habitat
TIMING CONSTRAINT	THIS BAND NOT UTILIZED
CONSTRAINT 2	THIS BAND NOT UTILIZED
CONSTRAINT 3	THIS BAND NOT UTILIZED
CONSTRAINT 4	THIS BAND NOT UTILIZED

BILL OF MATERIALS			
ITEM NO.	QTY	UOM	DESCRIPTION
4	80	FT	36" O.D. x 0.750" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE & 24-30 MILS ARO
5	4920	FT	36" O.D. x 0.625" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE

MISCELLANEOUS MATERIALS			
QTY	UOM	REQN NUMBER	DESCRIPTION
0	EA		SET ON WEIGHTS
5	EA		PIPELINE MARKERS
4	EA		WARNING SIGNS
0	EA		CP TEST STATION TYPE 1
0	EA		CP TEST STATION TYPE 2
0	EA		AERIAL MARKERS
0	EA		ANODE BED DEEP WELL

TYPICAL DRAWINGS		
DWG/FIELD BOOK NO.	TITLE	DESCRIPTION
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	TYPICAL OPEN CUT / BORE	
21040-510-TYP-20029	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

- 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.
- THE BOUNDARIES OF ALL WORK AREAS WILL BE CLEARLY MARKED AND ALL WORK SHALL REMAIN WITHIN THE DESIGNATED WORK AREA.
- THE REQUIRED STATE ONE CALL NOTIFICATION IS THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR.
- THE CONTRACTOR SHALL ACCESS THE WORK AREA USING ONLY PUBLIC ROADS AND APPROVED ACCESS ROADS.
- ADDITIONAL WARNING SIGNS MAY BE REQUIRED AS DICTATED BY CONSTRUCTION CONTRACT.
- MAP PROJECTION: NAD 1983 HARN STATE PLANE FLORIDA EAST FIPS 9501 FEET. VERTICAL DATUM: NAVD 88.

SPECIAL NOTES

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

LEGEND	
HDD PIPE	PIPELINE ROUTE
BORE PIPE	FENCE
LINE PIPE	POWER LINE
3R RAD FIT	TELEPHONE LINE
INDUCTION BEND	WATERLINE
TRANSITION PIPE	S SEWER LINE
CONT. CONC. COAT.	BURIED CABLE
SET ON WEIGHTS	UTILITY LINE
WARNING SIGN	GENERAL SURVEY
MATERIAL ITEM	FOREIGN PIPELINE
AERIAL MARKER	RAILROAD
CP TEST STATION	HIGHWAY / ROAD
BV MOV. / BV & CV	PRIVATE ACCESS / SHOULDER ROAD
PIPELINE MARKER	COUNTY BOUNDARY
ANODE BED DEEP WELL	ROW PARCEL
	PLSS SECTION LINE
	TRAP
	WATER WELL
	HDD ENTRY / EXT
	PERMANENT ROW
	TEMPORARY WORKSPACE
	ADDITIONAL TEMPORARY WORKSPACE
	NON-FORRESTED WETLAND
	FORRESTED WETLAND
	WATERBODY
	PARCEL NUMBER
	WETLAND / WATERBODY NAME
	ROCKERY
	ROCKERY BUFFER (100 FEET)
	TYPICAL DETAIL CONFIGURATION
	POINT OF INTERSECTION (PI)
	VERTICAL FITTING
	SPREAD BREAK
	ENVIRONMENTAL SURVEY AREA

REVISIONS			
NO.	DESCRIPTION	DATE	REV 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

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

FLORIDA SOUTHEAST CONNECTION PROJECT

FLORIDA SOUTHEAST CONNECTION ALIGNMENT SHEET
POLK COUNTY, FLORIDA

SCALE: 1" = 200'

21040-510-ALS-00031

REV. 1