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SURVEY DATA		STATIONING	
MATCHLINE 0+00		MATCHLINE 50+00	
0+00 LAUNCHER		48+86 GUY ANCHOR	

ENGINEERING DATA		MATERIAL	
MATCHLINE 0+00		MATCHLINE 50+00	
21040-505-LRW-00030		21040-440-PMW-00001	
21040-440-PMW-10001		21040-440-PMW-00002	
21040-440-PMW-00003		21040-440-PMW-00003	

ENVIRONMENTAL DATA		STATIONS	
MATCHLINE 0+00		MATCHLINE 50+00	
1775		44+49	
1984		45+29	
2024		45+31	
3+18			
3+33			
4+34			
4+84			
13+44			
21+50			
29+22			
29+42			
24+04			
24+52			
25+44			
32+16			
32+67			
34+92			
35+23			
35+77			
35+82			
36+12			
44+49			
45+29			
45+31			
46+63			
46+63			
48+48			
48+48			

BILL OF MATERIALS				MISCELLANEOUS MATERIALS				TYPICAL DRAWINGS				GENERAL INFORMATION			
ITEM NO.	QTY	UOM	DESCRIPTION	QTY	UOM	DESCRIPTION	DWG/FIELD BOOK NO.	TITLE	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 9901 FEET. VERTICAL DATUM: NAVD 88.	
4	580	EA	36" O.D. x 0.750" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE & 24-30 MILS ARO	82	EA	SET ON WEIGHTS	21040-510-TYP-20001	CATHODIC PROTECTION STD. SINGLE POINT TEST STATION, TYPE 1	7. THE CONTRACTOR SHALL ACCESS THE WORK AREA USING ONLY PUBLIC ROADS AND APPROVED ACCESS ROADS.	8. ADDITIONAL WARNING SIGNS MAY BE REQUIRED AS DICTATED BY CONSTRUCTION CONTRACT.	9. THE CONTRACTOR SHALL ACCESS THE WORK AREA USING ONLY PUBLIC ROADS AND APPROVED ACCESS ROADS.	10. ADDITIONAL WARNING SIGNS MAY BE REQUIRED AS DICTATED BY CONSTRUCTION CONTRACT.	11. ADDITIONAL WARNING SIGNS MAY BE REQUIRED AS DICTATED BY CONSTRUCTION CONTRACT.		
5	4420	EA	36" O.D. x 0.750" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE	11	EA	PIPELINE MARKERS	21040-510-TYP-20002	CATHODIC PROTECTION STD. FOREIGN PIPELINE CROSSING TEST STATION, TYPE 2	12. THE CONTRACTOR SHALL ACCESS THE WORK AREA USING ONLY PUBLIC ROADS AND APPROVED ACCESS ROADS.	13. ADDITIONAL WARNING SIGNS MAY BE REQUIRED AS DICTATED BY CONSTRUCTION CONTRACT.	14. ADDITIONAL WARNING SIGNS MAY BE REQUIRED AS DICTATED BY CONSTRUCTION CONTRACT.	15. ADDITIONAL WARNING SIGNS MAY BE REQUIRED AS DICTATED BY CONSTRUCTION CONTRACT.	16. ADDITIONAL WARNING SIGNS MAY BE REQUIRED AS DICTATED BY CONSTRUCTION CONTRACT.		
FITTINGS SUMMARY				CONTINUOUS CONCRETE COATING				SPECIAL NOTES							
ITEM NO.	QTY	UOM	DESCRIPTION	ITEM NO.	QTY	UOM	DESCRIPTION	1. INDUCTION BEND QUANTITIES ALONG WITH THEIR DESCRIPTIONS ARE LOCATED ON DRAWING 21040-505-FBW-00001.	2. SEE ARK DRAWING PACKAGE FOR ANODE BED DEEP WELL.						
2	EA		45" 3R HORIZONTAL FITTING	21040-510-TYP-20013			TYPICAL SADDLE BAG WEIGHTS								
PIPE ASSEMBLIES				PIPE COATING DATA				LEGEND							
QTY	UOM	DESCRIPTION	PIPE COATING: 14 MIL MINIMUM FBE AND 24 MIL MINIMUM ARO	21040-510-TYP-20014			WARNING SIGN DETAIL	LEGEND							
1	EA	LAUNCHER	GIRTH WELD COATING: 2 PART EPOXY	21040-510-TYP-20015			PIPELINE MARKER	LEGEND							
				21040-510-TYP-20016			PIPELINE MILEPOST	LEGEND							
				21040-510-TYP-20017			ANODE BED DEEP WELL	LEGEND							
				21040-510-TYP-20018				LEGEND							

REVISIONS				APPROVALS			
NO.	DESCRIPTION	DATE	REV BY	CHK BY	APP BY	DRAWN BY:	MB
1	IFC (UPDATE ENV. RE-ROUTES, FOOT-PRINT)	2016-04-08	MB	MJ	RG	CHECKED BY:	MJ
0	ISSUED FOR CONSTRUCTION	2015-12-15	MB	MJ	RG	PROJECT MANAGER:	RG
APPROVAL				COMPANY			
UNIVERSALPEGASUS INTERNATIONAL				FLORIDA SOUTHEAST CONNECTION			
FLORIDA SOUTHEAST CONNECTION PROJECT							
FLORIDA SOUTHEAST CONNECTION ALIGNMENT SHEET							
OSCEOLA AND POLK COUNTIES, FLORIDA							
SCALE: 1" = 200'		21040-510-ALS-00001		REV. 1		SHEET 1	