



SURVEY DATA		STATIONING	
MATCHLINE 5100+00		MATCHLINE 5100+00	
		5112+13 CLAR 1256	
		5121+84 FENCE 5121+88 GATE RT 19'	
		5129+22 PL 3"X3"X9' EXT	
		5132+91 TOP OF BANK 5132+96 CL DITCH 5133+08 TOP OF BANK	
		5137+56 CLAR 1256	
MATCHLINE 5150+00		MATCHLINE 5150+00	

ENGINEERING DATA		MATERIAL	
MATCHLINE 5100+00		MATCHLINE 5100+00	
		5108+80	
		5118+96	
		5121+84	
		5129+22	
		5132+40	
		5133+55	
		5134+82	
		5138+96	
		5148+96	
MATCHLINE 5150+00		MATCHLINE 5150+00	

ENVIRONMENTAL DATA		STATIONS	
MATCHLINE 5100+00		MATCHLINE 5100+00	
		5132+81	
		5132+92	
		5133+01	
		5133+19	
		5137+56	
		5138+96	
		5148+96	
MATCHLINE 5150+00		MATCHLINE 5150+00	

BILL OF MATERIALS		MISCELLANEOUS MATERIALS		TYPICAL DRAWINGS		GENERAL INFORMATION	
ITEM NO.	QTY	UOM	REQN NUMBER	MATERIAL NUMBER	DESCRIPTION	DWG/FIELD BOOK NO.	TITLE
1	5000	FT			30" O.D. x 0.429" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE	21040-510-TYP-20001	SET ON WEIGHTS
2	5	EA			PIPELINE MARKERS	21040-510-TYP-20001	PIPELINE MARKERS
3	1	EA			WARNING SIGNS	21040-510-TYP-20002	CATHODIC PROTECTION STD. SINGLE POINT TEST STATION, TYPE 1
4	1	EA			CP TEST STATION TYPE 1	21040-510-TYP-20028	CATHODIC PROTECTION STD. FOREIGN PIPELINE CROSSING TEST STATION, TYPE 2
5	0	EA			CP TEST STATION TYPE 2	21040-510-TYP-20112	TYPICAL OPEN CUT / BORE
6	0	EA			AERIAL MARKERS	21040-510-TYP-20113	CONTINUOUS CONCRETE COATING STANDARD FOR 36" / 30" PIPELINE
7	0	EA			ANODE BED DEEP WELL	21040-510-TYP-20114	TYPICAL SADDLE BAG WEIGHTS
8	0	EA				21040-510-TYP-20115	WARNING SIGN DETAIL
9	0	EA				21040-510-TYP-20116	AERIAL MARKER INSTALLATION DETAIL
10	0	EA				21040-510-TYP-20117	AERIAL MARKER DETAIL
11	0	EA				21040-510-TYP-20118	TYPICAL PIPELINE MARKER ASSEMBLY
12	0	EA				21040-510-TYP-20118	PIPELINE MARKER "WARNING" DECAL

FITTINGS SUMMARY		CONTINUOUS CONCRETE COATING			
ITEM NO.	QTY	UOM	REQN NUMBER	MATERIAL NUMBER	DESCRIPTION
1	0	EA			PIPE COATING: 14 MIL MINIMUM FBE AND 24 MIL MINIMUM ARO
2	0	EA			GIRTH WELD COATING: 2 PART EPOXY
3	0	EA			INTERNAL COATING (YES/NO): NO

PIPE ASSEMBLIES	
QTY	UOM

REVISIONS		APPROVALS	
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
CHECKED BY:	MJ
PROJECT MANAGER:	RG
PROJECT DEF. NO.	

UNIVERSAL PEGASUS INTERNATIONAL		FLORIDA SOUTHEAST CONNECTION	
A Subsidiary of Huntington Ingalls Industries		FLORIDA SOUTHEAST CONNECTION PROJECT	
FLORIDA SOUTHEAST CONNECTION ALIGNMENT SHEET		OKEECHOBEE COUNTY, FLORIDA	
SCALE: 1" = 200'	21040-510-ALS-00108	REV. 1	