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SURVEY DATA		STATIONING		MATCHLINE 2550+00		MATCHLINE 2600+00	
ENGINEERING DATA		MATERIAL		MATCHLINE 2550+00		MATCHLINE 2600+00	
ENVIRONMENTAL DATA		STATIONS		MATCHLINE 2550+00		MATCHLINE 2600+00	
REFERENCE DRAWING		CLASS LOCATION		MINIMUM DEPTH OF COVER		AC MITIGATION / CATHODIC PROTECTION	
WATERBODY/WETLAND CROSSINGS		WATERBODY/WETLAND LENGTH		PERMANENT EROSION CONTROL		SLOPE BREAKER CODE	
THREATENED AND ENDANGERED SPECIES		TIMING CONSTRAINT		CONSTRAINT 2		CONSTRAINT 3	
CONSTRAINT 4		THIS BAND NOT UTILIZED		THIS BAND NOT UTILIZED		THIS BAND NOT UTILIZED	

BILL OF MATERIALS			
ITEM NO.	QTY	UOM	DESCRIPTION
1	5000	FT	36" O.D. x 0.520" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE

MISCELLANEOUS MATERIALS			
QTY	UOM	REQ'N NUMBER	DESCRIPTION
5	EA		SET ON WEIGHTS
1	EA		PIPELINE MARKERS
1	EA		WARNING SIGNS
0	EA		CATHODIC PROTECTION STD. FOREIGN PIPELINE CROSSING TEST STATION, TYPE 1
0	EA		CP TEST STATION TYPE 1
0	EA		CP TEST STATION TYPE 2
0	EA		AERIAL MARKERS
0	EA		ANODE BED DEEP WELL

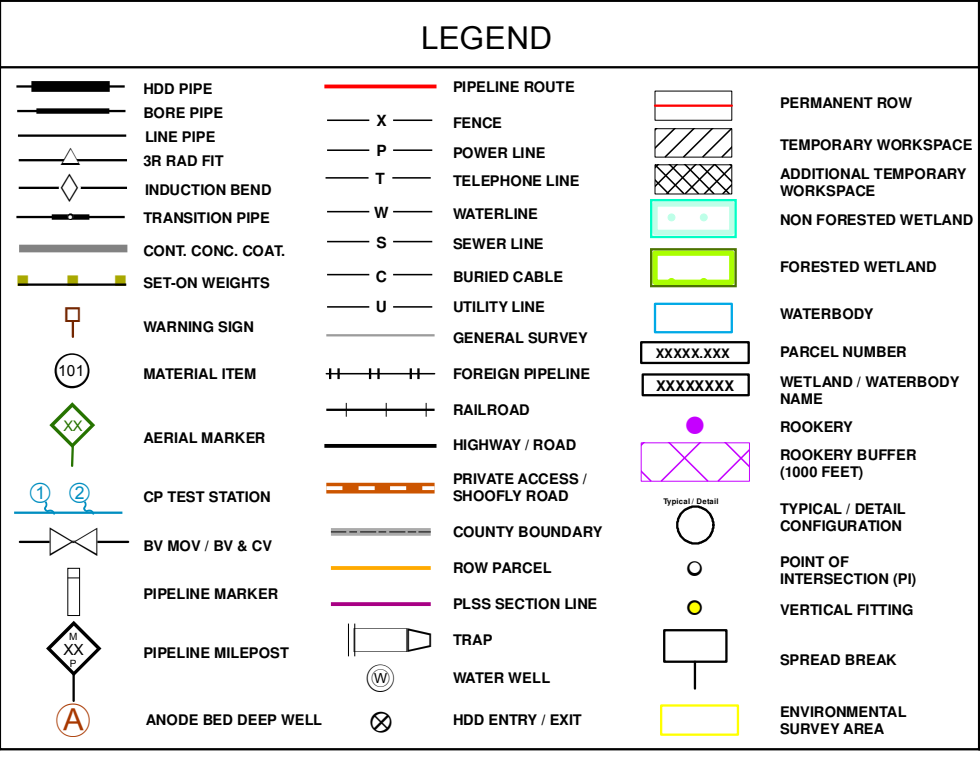
TYPICAL DRAWINGS			
DWG/FIELD BOOK NO.	TITLE	DESCRIPTION	DATE
21040-510-TYP-20001	CATHODIC PROTECTION STD. SINGLE POINT TEST STATION, TYPE 1		
21040-510-TYP-20002	CATHODIC PROTECTION STD. FOREIGN PIPELINE CROSSING TEST STATION, TYPE 1		
21040-510-TYP-20028	TYPICAL OPEN CUT / BORE		
21040-510-TYP-20029	CONTINUOUS CONCRETE COATING STANDARD FOR 36" / 30" PIPELINE		
21040-510-TYP-20112	TYPICAL SADDLE BAG WEIGHTS		
21040-510-TYP-20113	WARNING SIGN DETAIL		
21040-510-TYP-20114	AERIAL MARKER INSTALLATION DETAIL		
21040-510-TYP-20115	AERIAL MARKER DETAIL		
21040-510-TYP-20116	TYPICAL PIPELINE MARKER ASSEMBLY		
21040-510-TYP-20117	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 0901 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.



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

CONSTRUCTION PERMIT NO.  
 MAINTENANCE OPERATION REGION  
 MIN. TEST PRESSURE: 1816 PSI  
 DESIGN PRESSURE: 1440 PSI

**UniversalPegasus INTERNATIONAL**  
 A Subsidiary of Huntington Ingalls Industries

**FLORIDA SOUTHEAST CONNECTION**

FLORIDA SOUTHEAST CONNECTION PROJECT  
 STA: 2550+00 TO 2600+00  
 DISCIPLINE: 03

**FLORIDA SOUTHEAST CONNECTION ALIGNMENT SHEET**  
 POLK COUNTY, FLORIDA

SCALE: 1" = 200'  
 21040-510-ALS-00056  
 REV. 1