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SURVEY DATA		STATIONING
MATCHLINE 550+00	551+78 FOREIGN PIPELINE LT 30'	MATCHLINE 550+00
561+01 CLAR 14.54'	561+01 UNNAMED RD	561+01 UNNAMED RD
565+77 FOREIGN PIPELINE LT 33'	565+77 FOREIGN PIPELINE LT 33'	565+77 FOREIGN PIPELINE LT 33'
576+47 ROAD EDGE	576+47 ROAD EDGE	576+47 ROAD EDGE
576+67 UNNAMED RD	576+67 UNNAMED RD	576+67 UNNAMED RD
577+53 ROAD EDGE	577+53 ROAD EDGE	577+53 ROAD EDGE
577+56 BAKER DAIRY RD	577+56 BAKER DAIRY RD	577+56 BAKER DAIRY RD
577+69 AR 13065	577+69 AR 13065	577+69 AR 13065
577+84 ROAD EDGE	577+84 ROAD EDGE	577+84 ROAD EDGE
577+85 FENCE	577+85 FENCE	577+85 FENCE
578+75 PI 80'X26' LT	578+75 PI 80'X26' LT	578+75 PI 80'X26' LT
579+10 KINDER MORGAN PIPELINE	579+10 KINDER MORGAN PIPELINE	579+10 KINDER MORGAN PIPELINE
579+29 FENCE LINE	579+29 FENCE LINE	579+29 FENCE LINE
579+69 ROAD EDGE	579+69 ROAD EDGE	579+69 ROAD EDGE
579+80 BAKER DAIRY RD	579+80 BAKER DAIRY RD	579+80 BAKER DAIRY RD
579+80 CLAR 13065	579+80 CLAR 13065	579+80 CLAR 13065
579+80 ROAD EDGE	579+80 ROAD EDGE	579+80 ROAD EDGE
579+84 PI 80'X1330' RT	579+84 PI 80'X1330' RT	579+84 PI 80'X1330' RT
MATCHLINE 600+00	586+21 POWERLINE RT 53'	MATCHLINE 600+00

ENGINEERING DATA		MATERIAL
MATCHLINE 550+00	1044'-7" CCC	MATCHLINE 550+00
557+18	234.3'	557+18
560+44	75-9K# SBW 10.5 CC	560+44
561+52	396'	561+52
567+18	40'	567+18
569+29	171'	569+29
573+43	396'	573+43
574+45	40'	574+45
574+53	40'	574+53
574+55	40'	574+55
574+79	40'	574+79
578+75	171'	578+75
579+50	40'	579+50
579+69	40'	579+69
579+84	40'	579+84
579+94	40'	579+94
584+80	25-9K# SBW 11.5 CC	584+80
587+56	1455'	587+56
587+57	688'-7" CCC	587+57
588+07	555'-7" CCC	588+07
594+45		594+45
594+45		594+45
594+45		594+45
594+06		594+06
MATCHLINE 600+00		MATCHLINE 600+00

ENVIRONMENTAL DATA		STATIONS
WATERBODY/WETLAND CROSSINGS		W-086
WATERBODY/WETLAND LENGTH		994'
WATERBODY/WETLAND CROSSINGS		W-088
WATERBODY/WETLAND LENGTH		668'
WATERBODY/WETLAND CROSSINGS		W-091, W-090
WATERBODY/WETLAND LENGTH		17', 88'
WATERBODY/WETLAND CROSSINGS		W-094
WATERBODY/WETLAND LENGTH		371'
WATERBODY/WETLAND CROSSINGS		W-094
WATERBODY/WETLAND LENGTH		732'
EROSION CONTROL CODE		
SLOPE BREAKER CODE		
TOPSOIL SAVAGE		
THREATENED AND ENDANGERED SPECIES		
TIMING CONSTRAINT		
CONSTRAINT 2		
CONSTRAINT 3		
CONSTRAINT 4		
THIS BAND NOT UTILIZED		
THIS BAND NOT UTILIZED		
THIS BAND NOT UTILIZED		
Potential Sand Skink Habitat		
THIS BAND NOT UTILIZED		
THIS BAND NOT UTILIZED		
THIS BAND NOT UTILIZED		
THIS BAND NOT UTILIZED		

BILL OF MATERIALS		MISCELLANEOUS MATERIALS		TYPICAL DRAWINGS		GENERAL INFORMATION																																											
ITEM NO.	QTY UOM	REQ#	MATERIAL NUMBER	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.																																										
1	2343 FT			36" O.D. x 0.520" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE	21040-510-TYP-20001	SET ON WEIGHTS	2. THE BOUNDARIES OF ALL WORK AREAS WILL BE CLEARLY MARKED AND ALL WORK SHALL REMAIN WITHIN THE DESIGNATED WORK AREA.																																										
5	2022 FT			36" O.D. x 0.625" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE	21040-510-TYP-20002	PIPELINE MARKERS	3. THE REQUIRED STATE ONE CALL NOTIFICATION IS THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR.																																										
6	635 FT			36" O.D. x 0.750" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE	21040-510-TYP-20028	WARNING SIGNS	4. THE CONTRACTOR SHALL ACCESS THE WORK AREA USING ONLY PUBLIC ROADS AND APPROVED ACCESS ROADS.																																										
<table border="1"> <thead> <tr> <th>ITEM NO.</th> <th>QTY</th> <th>UOM</th> <th>REQ#</th> <th>MATERIAL NUMBER</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>EA</td> <td></td> <td></td> <td></td> <td>CATHODIC PROTECTION STD. FOREIGN PIPELINE CROSSING TEST STATION, TYPE 1</td> </tr> <tr> <td>1</td> <td>EA</td> <td></td> <td></td> <td></td> <td>CATHODIC PROTECTION STD. FOREIGN PIPELINE CROSSING TEST STATION, TYPE 2</td> </tr> <tr> <td>0</td> <td>EA</td> <td></td> <td></td> <td></td> <td>CP TEST STATION TYPE 1</td> </tr> <tr> <td>0</td> <td>EA</td> <td></td> <td></td> <td></td> <td>CP TEST STATION TYPE 2</td> </tr> <tr> <td>0</td> <td>EA</td> <td></td> <td></td> <td></td> <td>AERIAL MARKERS</td> </tr> <tr> <td>0</td> <td>EA</td> <td></td> <td></td> <td></td> <td>ANODE BED DEEP WELL</td> </tr> </tbody> </table>								ITEM NO.	QTY	UOM	REQ#	MATERIAL NUMBER	DESCRIPTION	1	EA				CATHODIC PROTECTION STD. FOREIGN PIPELINE CROSSING TEST STATION, TYPE 1	1	EA				CATHODIC PROTECTION STD. FOREIGN PIPELINE CROSSING TEST STATION, TYPE 2	0	EA				CP TEST STATION TYPE 1	0	EA				CP TEST STATION TYPE 2	0	EA				AERIAL MARKERS	0	EA				ANODE BED DEEP WELL
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FITTINGS SUMMARY		CONTINUOUS CONCRETE COATING		PIPE COATING DATA	
ITEM NO.	QTY UOM	REQ#	MATERIAL NUMBER	DESCRIPTION	DESCRIPTION
2	EA			90° 3R HORIZONTAL FITTING	PIPE COATING: 14 MIL MINIMUM FBE AND 24 MIL MINIMUM ARO
GIRTH WELD COATING: 2 PART EPOXY					
INTERNAL COATING (YES/NO): NO					

PIPE ASSEMBLIES		GENERAL INFORMATION	
ITEM NO.	QTY UOM	REQ#	MATERIAL NUMBER
1	EA		
SPECIAL NOTES			
1. INDUCTION BEND QUANTITIES ALONG WITH THEIR DESCRIPTIONS ARE LOCATED ON DRAWING 21040-505-FBW-00001.			
2. 3' - SEE ARK DRAWING PACKAGE FOR ANODE BED DEEP WELL.			
* KINDER MORGAN REQUIRES 24" CLEARANCE.			

LEGEND		REVISIONS	
HDD PIPE	PIPELINE ROUTE	NO.	DESCRIPTION
BORE PIPE	X FENCE	DATE	REV BY
LINE PIPE	P POWER LINE	CHK BY	APP BY
IR RAD FIT	T TELEPHONE LINE	DRAWN BY: MB	
INDUCTION BEND	W WATERLINE	CHECKED BY: MJ	
TRANSITION PIPE	S SEWER LINE	PROJECT MANAGER: RG	
CONT CONC. COAT.	C BURIED CABLE	PROJECT DEF. NO.	
BETON WEIGHTS	U UTILITY LINE	DESIGN PRESSURE: 1440 PSI	
WARNING SIGN	GENERAL SURVEY	MIN. TEST PRESSURE: 1816 PSI	
MATERIAL ITEM	FOREIGN PIPELINE	MAINTENANCE OPERATION REGION	
BY MOV. BY & CV	RAILROAD	CONSTRUCTION PERMIT NO.	
PIPELINE MARKER	HIGHWAY / ROAD	CONSTRUCTION PERMIT NO.	
PIPELINE MILEPOST	PRIVATE ACCESS / SHOOPLY ROAD	CONSTRUCTION PERMIT NO.	
ANODE BED DEEP WELL	COUNTY BOUNDARY	CONSTRUCTION PERMIT NO.	
	ROW PARCEL	CONSTRUCTION PERMIT NO.	
	PLSS SECTION LINE	CONSTRUCTION PERMIT NO.	
	TRAP	CONSTRUCTION PERMIT NO.	
	WATER WELL	CONSTRUCTION PERMIT NO.	
	HDD ENTRY / EXIT	CONSTRUCTION PERMIT NO.	
	PERMANENT ROW	CONSTRUCTION PERMIT NO.	
	TEMPORARY WORKSPACE	CONSTRUCTION PERMIT NO.	
	ADDITIONAL TEMPORARY WORKSPACE	CONSTRUCTION PERMIT NO.	
	NON FORESTED WETLAND	CONSTRUCTION PERMIT NO.	
	FORESTED WETLAND	CONSTRUCTION PERMIT NO.	
	WATERBODY	CONSTRUCTION PERMIT NO.	
	ROCKERY	CONSTRUCTION PERMIT NO.	
	ROCKERY BUFFER (1000 FEET)	CONSTRUCTION PERMIT NO.	
	WETLAND / WATERBODY NAME	CONSTRUCTION PERMIT NO.	
	TYPICAL DETAIL CONFIGURATION	CONSTRUCTION PERMIT NO.	
	POINT OF INTERSECTION (P)	CONSTRUCTION PERMIT NO.	
	SPREAD BREAK	CONSTRUCTION PERMIT NO.	
	ENVIRONMENTAL SURVEY AREA	CONSTRUCTION PERMIT NO.	

APPROVALS	
NO.	DESCRIPTION
1	IFC (UPDATE ENV., RE-ROUTES, FOOT-PRINT)
0	ISSUED FOR CONSTRUCTION

APPROVAL		COMPANY	
UNIVERSALPEGASUS INTERNATIONAL	FLORIDA SOUTHEAST CONNECTION		

APPROVALS		
DRAWN BY: MB	CHECKED BY: MJ	PROJECT MANAGER: RG
DESIGN PRESSURE: 1440 PSI	MIN. TEST PRESSURE: 1816 PSI	CONSTRUCTION PERMIT NO.
MAINTENANCE OPERATION REGION	CONSTRUCTION PERMIT NO.	CONSTRUCTION PERMIT NO.

FLORIDA SOUTHEAST CONNECTION PROJECT		
STA: 550+00 TO 600+00	DISCIPLINE: 03	
FLORIDA SOUTHEAST CONNECTION ALIGNMENT SHEET		
POLK COUNTY, FLORIDA		
SCALE: 1" = 200'	21040-510-ALS-00013	REV. 1