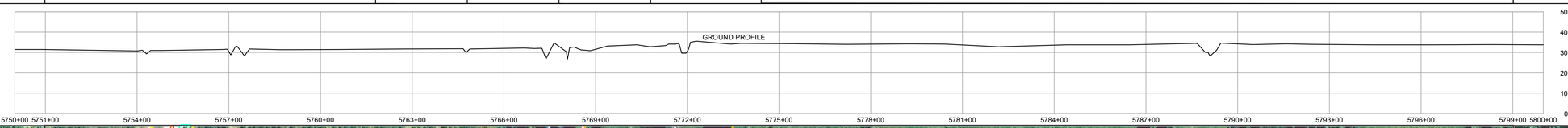
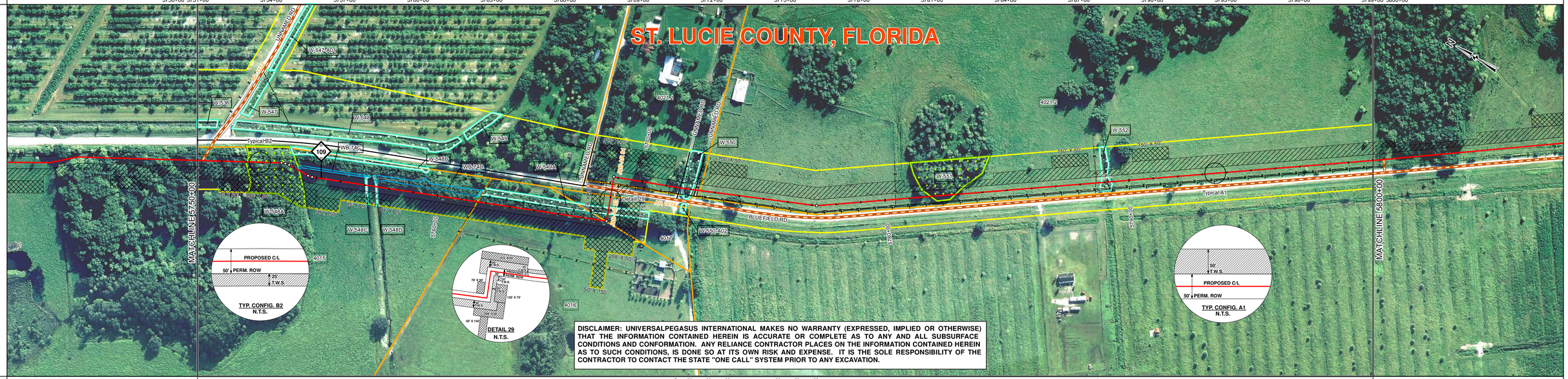
TRACT	MATCHLINE 5750+00	4015 SYLVIA RODRIGUEZ, DANIEL A. RODRIGUEZ, DIEGO R. RODRIGUEZ, SYLVIA M. RODRIGUEZ, AND ROSSANA I. RODRIGUEZ 1165 FT 5750+00 TO 5761+65	4016 SANDSCRUB, LLC 529 FT 5761+65 TO 5766+94	4017 SANDSCRUB, LLC 108 FT 5766+94 TO 5768+02	BLUEFIELD ROAD ST. LUCIE COUNTY 50 FT 5768+02 TO 5768+52	4021.1 SHERWOOD JOHNSON & SON GROVE MANAGEMENT, INC. 387 FT 5768+52 TO 5772+39	4021.2 SHERWOOD JOHNSON & SON GROVE MANAGEMENT, INC. 2761 FT 5772+39 TO 5800+00	MATCHLINE 5800+00

GROUND PROFILE
HORIZ: 1" = 200'
VERT: 1" = 30'



SCALE: 1" = 200'



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SURVEY DATA

STATIONING

MATCHLINE 5750+00

5750+31 UNNAMED RD
5750+31 CL AR 1332
5753+44 PI, 9°19'15" RT
5753+76 PI, 9°19'15" RT
5754+78 PI, 9°19'15" RT
5754+17 TOP OF BANK
5754+31 TOE OF SLOPE
5754+44 TOP OF BANK
5754+53 PI, 10°30'22" LT
5754+93 PI, 10°30'22" LT
5756+95 TOP OF BANK
5757+06 TOE OF SLOPE
5757+21 TOP OF BANK
5757+32 TOP OF BANK
5757+51 CL DITCH
5757+67 TOP OF BANK
5761+64 FENCE
5764+66 TOP OF BANK
5764+76 TOE OF SLOPE
5764+88 TOP OF BANK
5765+89 PI, 8°41'11" LT
5766+24 TOP OF BANK
5767+24 FENCE
5767+27 CL DITCH
5768+17 TOP OF BANK
5768+34 TOE OF SLOPE
5768+38 ROAD EDGE
5768+42 ROAD EDGE
5768+49 PEDESTAL LT 46'
5768+57 FENCE
5768+88 PEDESTAL LT 46'
5769+45 TOP OF BANK
5769+61 PI, 8°41'11" LT
5771+28 FENCE CORNER RT 24'
5771+35 FENCE CORNER LT 11'
5771+43 UNNAMED RD FENCE CORNER LT 9'
5771+66 FENCE BANK
5771+82 TOE OF SLOPE
5772+04 TOE OF SLOPE
5772+12 TOP OF BANK
5772+13 FENCE CORNER
5772+20 UNNAMED RD
5772+28 FENCE CORNER LT 1'
5772+29 FENCE CORNER RT 23'
5777+20 PI, 12°27'28" LT
5780+43 FENCE
5788+54 FENCE
5788+57 FENCE POST LT 21'
5788+67 FENCE POST LT 25'
5788+69 TOP OF BANK
5789+43 CULVERT LT 14'
5789+43 CULVERT LT 39'
5789+45 TOP OF BANK

MATCHLINE 5800+00

ENGINEERING DATA

MATERIAL

29-7K# SBW 11.5 CC; 14-7K# SBW 11.5 CC; (7) 1466'; (11) 324'; 9-7K# SBW 13 CC; 90'; (10) 80'; 90'; (11) 307'; 5-7K# SBW 13 CC; 8-7K# SBW 11.5 CC; 19-7K# SBW 11.5 CC; (7) 2823'; 13-7K# SBW 11.5 CC

5751+51; 5754+73; 5754+83; 5756+53; 5758+02; 5761+64; 5764+66; 5765+89; 5766+99; 5767+14; 5767+24; 5767+34; 5767+40; 5767+55; 5768+02; 5768+34; 5768+42; 5768+82; 5769+02; 5769+35; 5771+18; 5771+70; 5771+77; 5771+92; 5772+29; 5772+82; 5780+43; 5781+34; 5783+41; 5788+37; 5789+75; 5790+27

REFERENCE DRAWING	21040-440-PMW-00052
CLASS LOCATION	Class I; 5764+66; Class II; 5771+77; Class I
MINIMUM DEPTH OF COVER	3' 4' 3' 5' 3' 5' 3' 5' SEE REF DWG 3' 5' 4' 3' 5' 3'
AC MITIGATION / CATHODIC PROTECTION	

ENVIRONMENTAL DATA

WATERBODY/WETLAND CROSSINGS	W-548A; W-548C; W-548D; W-549A; W-550; W-551; W-552
WATERBODY/WETLAND LENGTH	220'; 3'; 2'; 25'; 39'; 99'; 37'
STATIONS	5750+01; 5750+41; 5752+02; 5754+07; 5754+22; 5754+55; 5757+05; 5757+08; 5757+17; 5757+32; 5757+49; 5757+77; 5767+14; 5767+30; 5767+55; 5767+90; 5768+70; 5771+64; 5771+69; 5772+07; 5772+10; 5772+30; 5781+68; 5782+67; 5788+59; 5788+67; 5789+24; 5789+55
PERMANENT EROSION CONTROL: EROSION CONTROL CODE	THIS BAND NOT UTILIZED
PERMANENT EROSION CONTROL: SLOPE BREAKER CODE	THIS BAND NOT UTILIZED
PERMANENT EROSION CONTROL: TOPSOIL SALVAGE	THIS BAND NOT UTILIZED
THREATENED AND ENDANGERED SPECIES	THIS BAND NOT UTILIZED
SPECIAL CONDITIONS: TIMING CONSTRAINT	THIS BAND NOT UTILIZED
SPECIAL CONDITIONS: CONSTRAINT 2	THIS BAND NOT UTILIZED
SPECIAL CONDITIONS: CONSTRAINT 3	THIS BAND NOT UTILIZED
SPECIAL CONDITIONS: CONSTRAINT 4	THIS BAND NOT UTILIZED

BILL OF MATERIALS

ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
7	4289	FT			30" O.D. x 0.429" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE
10	80	FT			30" O.D. x 0.617" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE & 24-30 MILS ARO
11	631	FT			30" O.D. x 0.514" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE

FITTINGS SUMMARY

ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
	2	EA			90° 3R HORIZONTAL FITTING

PIPE ASSEMBLIES

QTY	UOM	DESCRIPTION

MISCELLANEOUS MATERIALS

QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
97	EA			SET ON WEIGHTS
4	EA			PIPELINE MARKERS
6	EA			WARNING SIGNS
1	EA			CP TEST STATION TYPE 1
0	EA			CP TEST STATION TYPE 2
0	EA			AERIAL MARKERS
0	EA			ANODE BED DEEP WELL

CONTINUOUS CONCRETE COATING

QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION

PIPE COATING DATA

PIPE COATING: 14 MIL MINIMUM FBE AND 24 MIL MINIMUM ARO

GIRTH WELD COATING: 2 PART EPOXY

INTERNAL COATING (YES/NO): NO

TYPICAL DRAWINGS

DWG/FIELD BOOK NO.	TITLE
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 21040-510-TYP-20029	TYPICAL OPEN CUT / BORE
21040-510-TYP-20112	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

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 0901 FEET. VERTICAL DATUM: NAVD 88.

SPECIAL NOTES

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

LEGEND

HDD PIPE; BORE PIPE; LINE PIPE; 3R RAD FIT; INDUCTION BEND; TRANSITION PIPE; CONT. CONC. COAT.; SET-ON WEIGHTS; WARNING SIGN; MATERIAL ITEM; AERIAL MARKER; CP TEST STATION; BV MOV / BV & CV; PIPELINE MARKER; PIPELINE MILEPOST; ANODE BED DEEP WELL

PIPELINE ROUTE; FENCE; POWER LINE; TELEPHONE LINE; WATERLINE; SEWER LINE; BURIED CABLE; UTILITY LINE; GENERAL SURVEY; FOREIGN PIPELINE; RAILROAD; HIGHWAY / ROAD; PRIVATE ACCESS / SHOOFLY ROAD; COUNTY BOUNDARY; ROW PARCEL; PLSS SECTION LINE; TRAP; WATER WELL; HDD ENTRY / EXIT

PERMANENT ROW; TEMPORARY WORKSPACE; ADDITIONAL TEMPORARY WORKSPACE; NON FORESTED WETLAND; FORESTED WETLAND; WATERBODY; PARCEL NUMBER; WETLAND / WATERBODY NAME; ROOKERY; ROOKERY BUFFER (1000 FEET); TYPICAL / DETAIL CONFIGURATION; POINT OF INTERSECTION (PI); VERTICAL FITTING; SPREAD BREAK; ENVIRONMENTAL SURVEY AREA

REVISIONS

NO.	DESCRIPTION	DATE	REV BY	CHK BY	APP 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

APPROVAL	COMPANY
ENVIRONMENTAL	
LAND	

0 100 200 400 600 800

1 INCH = 200 FT

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

UniversalPegasus INTERNATIONAL
A Subsidiary of Huntington Ingalls Industries

FLORIDA SOUTHEAST CONNECTION

FLORIDA SOUTHEAST CONNECTION PROJECT

STA: 5750+00 TO 5800+00 | DISCIPLINE#: 03

FLORIDA SOUTHEAST CONNECTION
ALIGNMENT SHEET
ST. LUCIE COUNTY, FLORIDA

SCALE: 1" = 200' | 21040-510-ALS-00121 | REV. 1