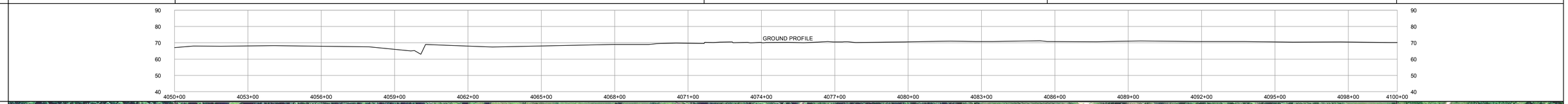
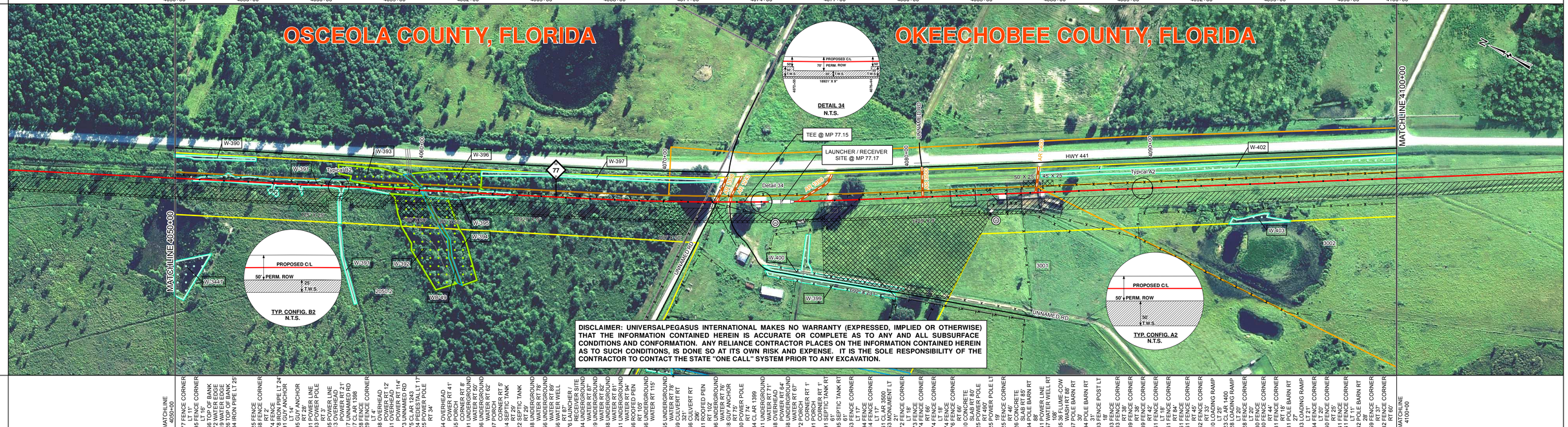
TRACT	MATCHLINE 4050+00	2050.2 FD DESTINY CREDIT, LLC 2166 FT 4050+00 TO 4071+66	3001 DURANDO OKEECHOBEE PARTNERS, LLC 1404 FT 4071+66 TO 4085+70	3002 DURANDO OKEECHOBEE PARTNERS, LLC 1430 FT 4085+70 TO 4100+00	MATCHLINE 4100+00

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



SCALE: 1" = 200'



DISCLAIMER: UNIVERSALPEGASUS INTERNATIONAL MAKES NO WARRANTY (EXPRESSED, IMPLIED OR OTHERWISE) THAT THE INFORMATION CONTAINED HEREIN IS ACCURATE OR COMPLETE AS TO ANY AND ALL SUBSURFACE CONDITIONS AND CONFORMATION. ANY RELIANCE CONTRACTOR PLACES ON THE INFORMATION CONTAINED HEREIN AS TO SUCH CONDITIONS, IS DONE SO AT ITS OWN RISK AND EXPENSE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE STATE "ONE CALL" SYSTEM PRIOR TO ANY EXCAVATION.

SURVEY DATA

STATIONING

MATCHLINE 4050+00

4050+00 POINT OF BEGINNING
4050+77 FENCE CORNER LT 11'
4050+95 FENCE CORNER LT 16'
4059+66 TOP OF BANK
4059+72 WATER EDGE
4059+81 WATER EDGE
4060+26 TOP OF BANK
4067+04 IRON PIPE LT 25'
4071+25 FENCE CORNER RT 2'
4071+68 FENCE RT 2'
4071+74 FENCE
4071+78 IRON PIPE LT 24'
4071+91 GUY ANCHOR LT 14'
4071+95 GUY ANCHOR LT 16'
4072+01 POWER LINE
4072+03 POWER POLE RT 2'
4072+05 POWER LINE
4072+13 OVERHEAD POWER RT 21'
4072+17 GUY ANCHOR RT 23'
4072+17 CL AR 1398
4072+28 FENCE CORNER LT 4'
4072+38 OVERHEAD POWER RT 2'
4072+61 OVERHEAD POWER RT 114'
4072+73 CL AR 1243
4073+24 PEDESTAL LT 17'
4073+25 POWER POLE RT 34'
4073+54 OVERHEAD POWER RT 41'
4073+55 PORCH CORNER RT 8'
4073+91 UNDERGROUND WATER RT 62'
4074+07 POWER POLE CORNER RT 5'
4074+14 SEPTIC TANK RT 29'
4074+22 SEPTIC TANK RT 29'
4074+38 UNDERGROUND WATER RT 89'
4074+56 UNDERGROUND WATER RT 89'
4074+76 LAUNCHER / RECEIVER SITE
4074+84 UNDERGROUND WATER RT 87'
4075+19 UNDERGROUND WATER RT 87'
4075+38 UNDERGROUND WATER RT 81'
4075+41 UNDERGROUND WATER RT 94'
4075+46 ROOFED PEN 102'
4075+46 UNDERGROUND WATER RT 115'
4075+55 UNDERGROUND WATER RT 78'
4075+59 CULVERT RT 230'
4075+66 CULVERT RT 290'
4075+81 ROOFED PEN 102'
4075+96 UNDERGROUND WATER RT 78'
4076+18 GUY ANCHOR RT 75'
4076+30 POWER POLE RT 75'
4076+34 CL AR 1399
4076+41 UNDERGROUND WATER RT 71'
4076+48 POWER POLE RT 54'
4076+58 UNDERGROUND WATER RT 67'
4076+72 POWER POLE CORNER RT 1'
4076+91 PORCH CORNER RT 1'
4076+91 SEPTIC TANK RT 61'
4076+95 SEPTIC TANK RT 61'
4077+53 FENCE CORNER LT 17'
4077+94 FENCE CORNER LT 17'
4078+14 FENCE CORNER LT 17'
4080+41 CURB 3650
4081+53 MONUMENT LT 21'
4081+72 FENCE CORNER LT 18'
4081+73 FENCE
4081+74 FENCE CORNER LT 18'
4082+74 FENCE CORNER LT 18'
4082+76 FENCE CORNER RT 60'
4083+10 CONCRETE SLAB RT 85'
4083+25 POWER POLE LT 19'
4083+25 FENCE CORNER RT 45'
4083+26 CONCRETE SLAB RT 85'
4083+34 POLE BARN RT 88'
4083+41 POWER LINE
4083+57 WATER WELL RT 88'
4083+65 36 FLUME-COW WASH RT 88'
4083+67 POLE BARN RT 90'
4083+94 POLE BARN RT 18'
4084+03 FENCE CORNER RT 38'
4084+03 FENCE RT 38'
4084+39 FENCE CORNER RT 42'
4084+61 FENCE CORNER RT 84'
4084+61 FENCE RT 45'
4084+61 FENCE CORNER RT 45'
4084+62 FENCE CORNER RT 25'
4085+10 LOADING RAMP LT 25'
4085+23 CL AR 1400
4085+28 LOADING RAMP LT 20'
4085+28 FENCE CORNER LT 20'
4085+30 FENCE
4085+30 FENCE CORNER RT 18'
4085+31 FENCE CORNER RT 18'
4085+31 POLE BARN RT 27'
4085+33 LOADING RAMP
4085+34 FENCE CORNER LT 20'
4085+40 FENCE CORNER LT 20'
4085+41 FENCE
4085+41 FENCE CORNER LT 17'
4085+42 POLE BARN RT 28'
4085+59 FENCE CORNER RT 37'
4086+32 FENCE CORNER RT 60'
MATCHLINE 4100+00

ENGINEERING DATA

MATERIAL

MATCHLINE 4050+00

133-9K# SBW
10.5 CC

1 2166'
4 160'
6 2'
TEE
296' LAUNCHER / RECEIVER SITE
12 779'
7 1597'

4050+33
4060+06
4064+19
4066+93
4071+25
4071+65
4071+74
4073+08
4073+28
4073+28
4073+35
4074+76
4076+24
4077+94
4084+03
4085+41
4094+67

MATCHLINE 4100+00

REFERENCE DRAWING	21040-505-LRW-00040 21040-505-LRW-00050
CLASS LOCATION	Class I
MINIMUM DEPTH OF COVER	3' 4' 3' 5' 3' 4' SEE REF DWG 3'
AC MITIGATION / CATHODIC PROTECTION	

ENVIRONMENTAL DATA

MATCHLINE 4050+00

WATERBODY/WETLAND CROSSINGS	W-391 WB-49 W-395
WATERBODY/WETLAND LENGTH	919' 15' 344'

STATIONS

4050+87
4056+30
4057+00
4059+66
4060+06
4060+06
4060+21
4060+21
4060+41
4063+65
4071+66
4073+28
4076+24

MATCHLINE 4100+00

PERMANENT EROSION CONTROL	EROSION CONTROL CODE	THIS BAND NOT UTILIZED
	SLOPE BREAKER CODE	THIS BAND NOT UTILIZED
	TOPSOIL SALVAGE	THIS BAND NOT UTILIZED
THREATENED AND ENDANGERED SPECIES		THIS BAND NOT UTILIZED
SPECIAL CONDITIONS	TIMING CONSTRAINT	THIS BAND NOT UTILIZED
	CONSTRAINT 2	THIS BAND NOT UTILIZED
	CONSTRAINT 3	THIS BAND NOT UTILIZED
	CONSTRAINT 4	THIS BAND NOT UTILIZED

BILL OF MATERIALS

ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
1	2166	FT			36" O.D. x 0.520" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE
4	160	FT			36" O.D. x 0.750" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE & 24-30 MILS ARO
6	2	FT			36" O.D. x 0.750" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE
7	1597	FT			30" O.D. x 0.429" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE
12	779	FT			30" O.D. x 0.617" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE

FITTINGS SUMMARY

ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION

PIPE ASSEMBLIES

QTY	UOM	DESCRIPTION
1	EA	LAUNCHER / RECEIVER SITE (296')

MISCELLANEOUS MATERIALS

QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
133	EA			SET ON WEIGHTS
3	EA			PIPELINE MARKERS
4	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. ⚠ - 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 (101)
- AERIAL MARKER (V)
- CP TEST STATION (1, 2)
- BV MOV / BV & CV
- PIPELINE MARKER
- PIPELINE MILEPOST (XX)
- ANODE BED DEEP WELL (A)
- PIPELINE ROUTE
- FENCE (X)
- POWER LINE (P)
- TELEPHONE LINE (T)
- WATERLINE (W)
- SEWER LINE (S)
- BURIED CABLE (C)
- UTILITY LINE (U)
- GENERAL SURVEY
- FOREIGN PIPELINE
- RAILROAD
- HIGHWAY / ROAD
- PRIVATE ACCESS / SHOOFLY ROAD
- COUNTY BOUNDARY
- ROW PARCEL
- PLSS SECTION LINE
- TRAP (W)
- WATER WELL
- HDD ENTRY / EXIT
- PERMANENT ROW
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE
- NON FORESTED WETLAND
- FORESTED WETLAND
- WATERBODY
- PARCEL NUMBER (XXXXX.XXX)
- WETLAND / WATERBODY NAME (XXXXXXXX)
- ROOKERY
- ROOKERY BUFFER (1000 FEET)
- TYPICAL / DETAIL CONFIGURATION (Typical / Detail)
- 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: 4050+00 TO 4100+00 | DISCIPLINE#: 03

FLORIDA SOUTHEAST CONNECTION
ALIGNMENT SHEET
OSCEOLA AND OKEECHOBEE COUNTIES, FLORIDA

SCALE: 1" = 200' | 21040-510-ALS-00086 | REV. 1