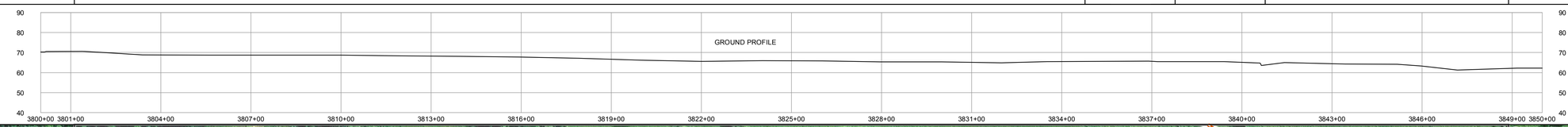
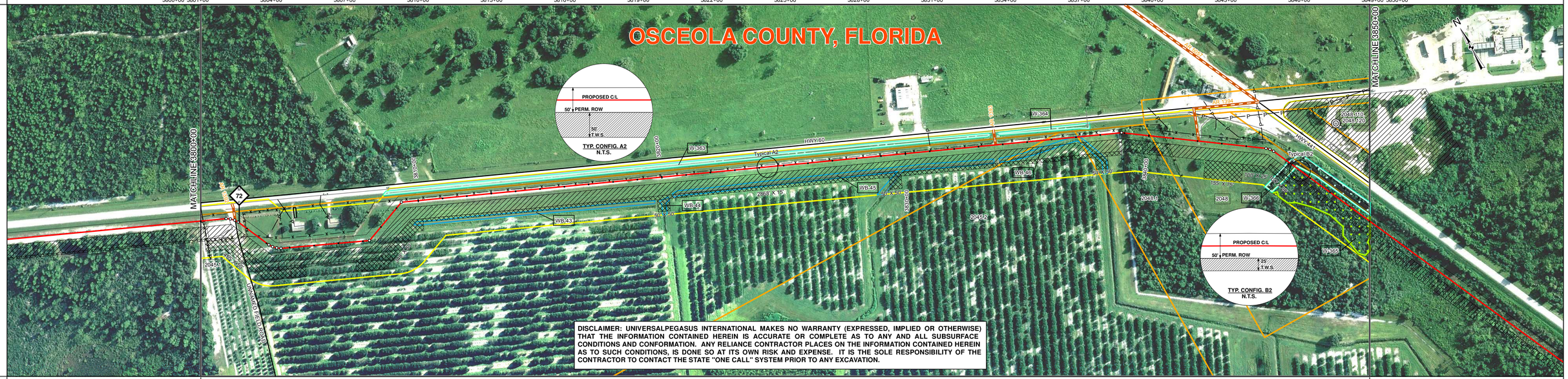
TRACT	MATCHLINE 3800+00	2045.1 FD DESTINY CREDIT, LLC 3573 FT 3800+00 TO 3835+73	2045.2 FD DESTINY CREDIT, LLC 136 FT 3835+73 TO 3837+09	2048.1 FD DESTINY CREDIT, LLC 298 FT 3837+09 TO 3840+07	2048 FD DESTINY CREDIT, LLC 993 FT 3840+07 TO 3850+00	MATCHLINE 3850+00

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



SCALE: 1" = 200'



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SURVEY DATA

STATIONING

MATCHLINE 3800+00

3800+07 FENCE CORNER LT 77'
3800+09 FENCE
3800+10 POWER LINE
3800+11 FIBER OPTIC PANEL LT 10'
3800+18 FENCE CORNER RT 80'
3800+19 ROAD EDGE
3800+28 FENCE CORNER RT 82'
3800+29 FENCE CORNER RT 86'
3801+04 PI, 10°33'37" RT
3801+05 FENCE POST LT 21'
3801+16 ROAD EDGE
3801+22 PI, 10°33'37" RT
3801+23 ELCNA
3801+33 DECON SHOWER RT 53'
3801+38 PI, 10°33'37" RT
3801+43 UNNAMED FIELD ROAD
3801+43 CL AR 1392
3801+47 WATER TANK RT 60'
3801+57 PI, 10°33'37" RT
3801+64 WATER TANK RT 60'
3801+72 WATER PUMP RT 55'
3801+75 WATER PUMP RT 55'
3801+76 WATER PUMP RT 55'
3801+78 FENCE CORNER RT 55'
3801+81 FENCE CORNER RT 66'
3801+85 FENCE POST RT 55'
3801+91 FENCE
3802+02 FENCE
3802+03 FENCE POST RT 44'
3802+04 FENCE CORNER RT 41'
3802+07 FENCE CORNER RT 41'
3802+09 SHED RT 36'
3802+13 SHED RT 31'
3802+16 FENCE CORNER RT 25'
3802+20 SHED RT 36'
3802+22 FENCE CORNER RT 22'
3802+57 FENCE POST LT 22'
3803+12 PI, 10°30'7" LT
3803+29 PI, 10°30'7" LT
3803+34 PI, 10°30'7" LT
3803+45 PI, 10°30'7" LT
3807+22 PI, 44°50'15" LT
3808+34 PI, 44°50'15" RT
3819+69 CULVERT RT 102'
3820+19 CULVERT RT 94'
3820+45 CULVERT RT 80'
3820+69 PEDESTAL LT 22'
3833+58 CULVERT RT 68'
3833+71 CL AR 1393
3833+86 CULVERT RT 65'
3836+90 TOP OF BANK
3837+19 TOP OF BANK
3838+77 FENCE CORNER LT 24'
3838+79 FENCE
3838+88 PI, 11°40'21" RT
3840+65 FENCE
3841+98 ROAD EDGE
3842+13 CL AR 1394
3842+14 ROAD EDGE
3843+64 FENCE CORNER LT 24'
3844+81 PI, 9°58'19" RT
3844+98 PI, 9°58'19" RT
3845+15 PI, 9°58'19" RT
3845+29 IRON ROD LT
3845+67 PEDESTAL LT 267'
3845+95 FENCE

MATCHLINE 3850+00

ENGINEERING DATA

MATERIAL

MATCHLINE 3800+00

3801+22 / 3801+53 — 3803+30 — 3807+27 / 3807+27 (45°) — 3809+31 / 3809+31 (45°) — 3818+81 — 3829+31 — 3832+48 — 3836+53 — 3837+45 — 3838+88 — 3844+98 / 3845+37

6 — 5000'

9-9K# SBW 11.5 CC

35-9K# SBW 13.5 CC

MATCHLINE 3850+00

REFERENCE DRAWING	
CLASS LOCATION	Class III
MINIMUM DEPTH OF COVER	3' 4' 3' 5' 3' 4' 3' 4' 3' 4' 3'
AC MITIGATION / CATHODIC PROTECTION	

ENVIRONMENTAL DATA

WATERBODY/WETLAND CROSSINGS	WB-45 W-365 W-366
WATERBODY/WETLAND LENGTH	35' 34' 375'
STATIONS	3801+21 3801+61 3836+62 3836+82 3837+17 3837+39 3838+58 3838+98 3839+90 3840+45 3845+88 3845+91 3846+25 3846+28
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	
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

MATCHLINE 3800+00 — MATCHLINE 3850+00

BILL OF MATERIALS

ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
6	5000	FT			36" O.D. x 0.750" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE

MISCELLANEOUS MATERIALS

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

FITTINGS SUMMARY

ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
	2	EA			45° 3R HORIZONTAL FITTING

PIPE ASSEMBLIES

QTY	UOM	DESCRIPTION

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
(101) MATERIAL ITEM
(12) AERIAL MARKER
(1) (2) CP TEST STATION
BV MOV / BV & CV
PIPELINE MARKER
(23) PIPELINE MILEPOST
(A) ANODE BED DEEP WELL
PIPELINE ROUTE
X FENCE
P POWER LINE
T TELEPHONE LINE
W WATERLINE
S SEWER LINE
C BURIED CABLE
U UTILITY LINE
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
XXXXX.XXX PARCEL NUMBER
XXXXXXXX WETLAND / WATERBODY NAME
ROOKERY
ROOKERY BUFFER (1000 FEET)
Typical 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: 3800+00 TO 3850+00 — DISCIPLINE#: 03

FLORIDA SOUTHEAST CONNECTION
ALIGNMENT SHEET
OSCEOLA COUNTY, FLORIDA

SCALE: 1" = 200' — 21040-510-ALS-00081 — REV. 1