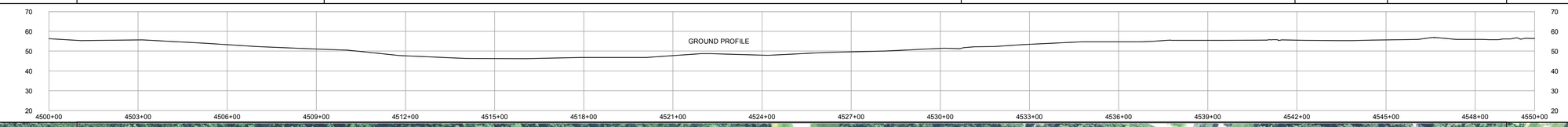
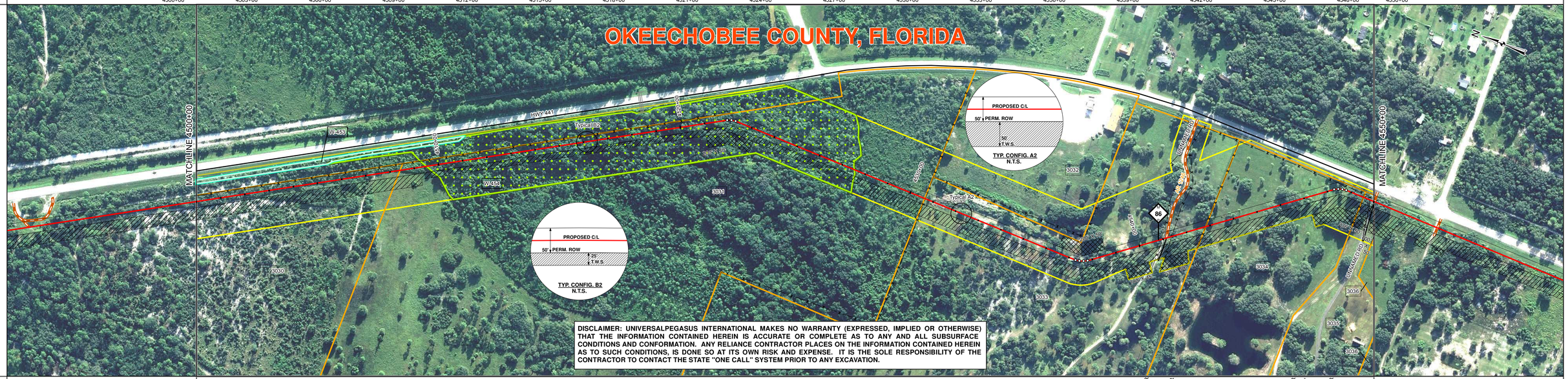
TRACT	MATCHLINE 4500+00	3030 FORT DRUM LAND HOLDINGS, LLC 842 FT 4500+00 TO 4508+42	3031 FORT DRUM LAND HOLDINGS, LLC 2222 FT 4508+42 TO 4530+64	3033 JAMES A. BURNSED AND BRENDA K. BURNSED 1217 FT 4530+64 TO 4542+81	3034 JAMES A. BURNSED AND BRENDA K. BURNSED 673 FT 4542+81 TO 4549+54	3035 JAMES SHANNON BURNSED AND BRIDGET MICHELLE BURNSED 46 FT 4549+54 TO 4550+00	MATCHLINE 4550+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 4500+00

4521+94 PI 10°19'18" RT
4522+11 PI 10°19'18" RT
4522+29 PI 10°19'18" RT

4530+66 FENCE
4531+16 TOE OF SLOPE
4531+81 TOE OF SLOPE

4537+14 TOE OF SLOPE
4537+30 PI 9°35'19" LT
4537+46 PI 9°35'19" LT
4537+65 TOP OF BANK
4537+74 TOE OF SLOPE
4537+78 PI 9°35'19" LT

4540+89 FENCE CORNER RT 18'
4540+99 FENCE
4541+08 ROAD EDGE
4541+11 FENCE CORNER LT 16'
4541+14 CLAR 1246
4541+19 UNNAMED RD
4541+19 ROAD EDGE
4541+38 FENCE
4542+81 FENCE

4545+26 OWNER BLOCK (ABANDONED) RT 71'

4548+28 PI 9°40'34" RT
4548+45 PI 9°40'34" RT
4548+62 PI 9°40'34" RT
4548+78 PI 9°40'34" RT
4549+32 POWER POLE LT 25'

4549+53 FENCE CORNER RT 14'
4549+53 IRON ROD LT 25'
4549+54 FENCE
4549+75 EDGE OF ROAD
4549+77 FENCE CORNER LT 14'
4549+80 GUY ANCHOR RT 50'
4549+81 FENCE
4549+94 POWER POLE LT 25'

MATCHLINE 4550+00

ENGINEERING DATA — MATERIAL

MATCHLINE 4500+00

12
957'
157'-6" CCC
1215'-6" CCC
6-7K# SBW
13 CC
554'-6" CCC
11
4043'

4505+11
4508+00
4509+57
4509+57
4515+11
4521+72
4521+78
4522+11
4522+43
4522+49
4528+03
4530+66
4537+63
4540+99
4541+38
4548+45
4549+81

MATCHLINE 4550+00

REFERENCE DRAWING	
CLASS LOCATION	Class III: MATCHLINE 4500+00 to 4509+57; Class II: 4509+57 to MATCHLINE 4550+00
MINIMUM DEPTH OF COVER	3'
AC MITIGATION / CATHODIC PROTECTION	

ENVIRONMENTAL DATA

MATCHLINE 4500+00

WATERBODY/WETLAND CROSSINGS	W-454
WATERBODY/WETLAND LENGTH	1803'
STATIONS	4509+50 to 4527+53
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 4550+00

BILL OF MATERIALS

ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
11	4043	FT			30" O.D. x 0.514" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE
12	957	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

MISCELLANEOUS MATERIALS

QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
6	EA			SET ON WEIGHTS
5	EA			PIPELINE MARKERS
4	EA			WARNING SIGNS
0	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
1926	FT			6" OF CONTINUOUS CONCRETE COATING (140 PCF DENSITY CONCRETE)

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 (101)
- AERIAL MARKER (Y)
- 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 (XXXXX.XXX)
- RAILROAD
- HIGHWAY / ROAD
- PRIVATE ACCESS / SHOOFLY ROAD
- COUNTY BOUNDARY
- ROW PARCEL
- PLSS SECTION LINE
- TRAP
- WATER WELL (W)
- HDD ENTRY / EXIT
- PERMANENT ROW
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE
- NON FORESTED WETLAND
- FORESTED WETLAND
- WATERBODY
- PARCEL NUMBER
- WETLAND / WATERBODY NAME (XXXXXXXX)
- ROOKERY
- ROOKERY BUFFER (1000 FEET)
- TYPICAL / DETAIL CONFIGURATION (Typical)
- 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: 4500+00 TO 4550+00 | DISCIPLINE#: 03

FLORIDA SOUTHEAST CONNECTION ALIGNMENT SHEET OKEECHOBEE COUNTY, FLORIDA

SCALE: 1" = 200' | 21040-510-ALS-00095 | REV. 1

SHEET 95