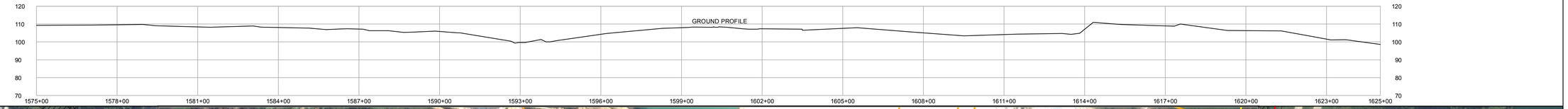
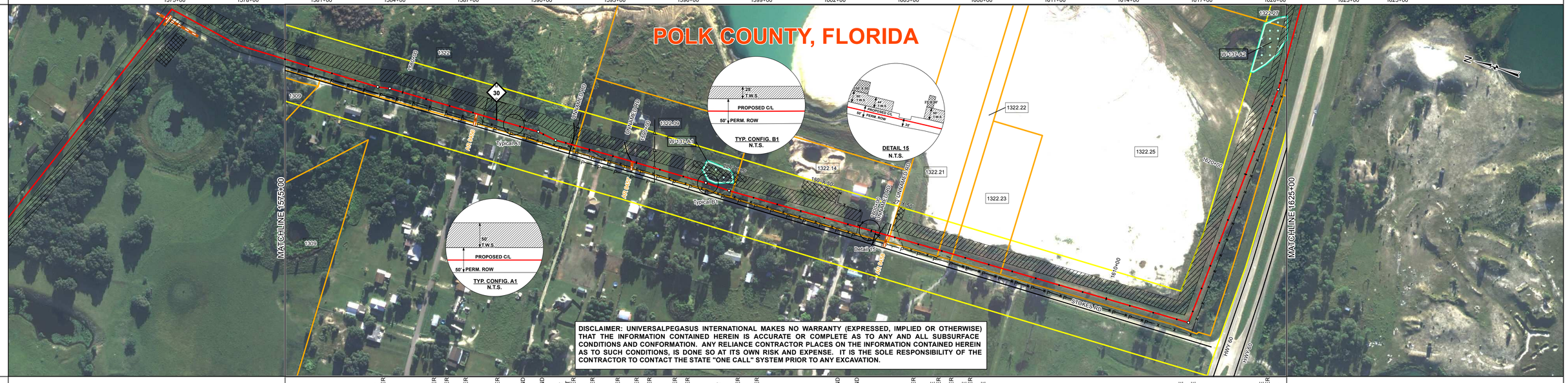
TRACT		MATCHLINE 1575+00	1322 FLORIDA ROCK INDUSTRIES, INC. 1242 FT 1575+00 TO 1587+42	1322.09 FLORIDA ROCK INDUSTRIES, INC. 668 FT 1587+42 TO 1594+10	1322.14 TIMOTHY MICHAEL TAYLOR AND MATTHEW JOHN MESIMER 669 FT 1594+10 TO 1600+79	1322.21 FLORIDA ROCK INDUSTRIES, INC. 209 FT 1600+79 TO 1602+88	1322.22 FLORIDA ROCK INDUSTRIES, INC. 60 FT 1602+88 TO 1603+48	1322.23 FLORIDA ROCK INDUSTRIES, INC. 208 FT 1603+48 TO 1605+56	1322.25 FLORIDA ROCK INDUSTRIES, INC. 1944 FT 1605+56 TO 1625+00	MATCHLINE 1625+00

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



SCALE: 1" = 200'



SURVEY DATA — STATIONING

MATCHLINE 1575+00

1578+05 PI 0°20'35" LT
1579+41 FENCE CORNER RT 24'
1579+46 PI 8°34'9" RT
1582+89 FENCE CORNER RT 9'
1583+06 FENCE CORNER RT 9'
1583+15 CLAR 9468
1583+32 FENCE CORNER RT 9'
1583+41 POWER POLE LT 7'
1583+45 POWER LINE
1583+51 FENCE CORNER RT
1584+18 POWER POLE LT 73'
1585+12 UNDERGROUND SANITARY SEWER LT 25'
1585+15 UNDERGROUND SANITARY SEWER LT 27'
1585+28 PI 10°35'5" RT
1587+14 FENCE CORNER RT 20'
1587+15 FENCE
1587+15 FENCE CORNER LT 39'
1587+25 UNNAMED RD
1587+27 POWER LINE
1587+31 FENCE CORNER LT 38'
1587+39 FENCE CORNER RT 17'
1587+40 FENCE CORNER RT 17'
1587+64 POWER POLE LT 42'
1588+10 FENCE CORNER RT 4"
1588+65 FENCE CORNER
1589+79 CL AR 9457
1589+79 UNNAMED RD
1590+77 POWER LINE
1590+81 FENCE CORNER RT
1593+01 TOP OF BANK
1593+44 TOP OF BANK
1593+79 FENCE CORNER RT 23'
1593+96 PI 2°43'6" LT
1594+10 FENCE CORNER RT 19'
1594+11 FENCE
1599+44 FENCE
1599+50 UNDERGROUND SANITARY SEWER LT 19'
1599+57 UNDERGROUND SANITARY SEWER LT 18'
1599+78 HOUSE LT 11'
1600+01 UNNAMED RD
1600+26 POWER LINE
1600+68 UNNAMED RD
1600+89 CLAR 9458
1600+89 FENCE CORNER
1601+23 FENCE
1601+73 TOE OF SLOPE
1603+04 FENCE CORNER
1603+20 FENCE CORNER RT 14'
1603+35 TOE OF SLOPE
1603+40 FENCE CORNER RT 17'
1603+59 TOE OF SLOPE
1605+97 FENCE
1611+27 TOE OF SLOPE
1613+16 TOE OF SLOPE
1613+50 PI 1°30'59" LT
1613+82 TOE OF SLOPE
1622+47 TOE OF SLOPE
1623+19 FENCE CORNER RT 25'
1623+71 PI 9°48'17" LT
MATCHLINE 1625+00

ENGINEERING DATA — MATERIAL

MATCHLINE 1575+00

6 2450' — 30 — 1 — 4 140' — 6 2410' — IB-115

1578+96
1579+46
1585+79
1586+56
1587+15
1587+39
1587+40
1594+11
1599+44
1599+50
1600+90
1601+23
1605+97
1611+27
1613+50
1613+50

MATCHLINE 1625+00

ENGINEERING DATA

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

ENVIRONMENTAL DATA

WATERBODY/WETLAND CROSSINGS		
WATERBODY/WETLAND LENGTH		
STATIONS		1587+15, 1587+31, 1589+59, 1589+99, 1599+50, 1601+50
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		
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

MATCHLINE 1575+00 — MATCHLINE 1625+00

BILL OF MATERIALS

ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
4	140	FT			36" O.D. x 0.750" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE & 24-30 MILS ARO
6	4860	FT			36" O.D. x 0.750" 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
0	EA			SET ON WEIGHTS
7	EA			PIPELINE MARKERS
4	EA			WARNING SIGNS
1	EA			CP TEST STATION TYPE 1
0	EA			CP TEST STATION TYPE 2
1	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: 1575+00 TO 1625+00 | DISCIPLINE#: 03

FLORIDA SOUTHEAST CONNECTION
ALIGNMENT SHEET
POLK COUNTY, FLORIDA

SCALE: 1" = 200'	21040-510-ALS-00036	REV. 1

SHEET 36