LAND

LINE LIST	2218.1	2218	2217	2216	2214A	2215	2214
PIPELINE STATION	7631+35	7640+00 – 7614+83	7614+83 – 7572+86	7572+86 – 7549+53	7549+53 – 7533+11	7533+11 – 7529+44	7529+44 – 7510+00
HORIZONTAL DISTANCE		2536 FT	4198 FT	2307 FT	382 FT	366 FT	1944 FT

PIPELINE STATIONING

7640+00 MATCHLINE

7638+10 HYDROSTATIC TEST MANIFOLD
7636+09 ACCESS RD B-24A

7634+50 END 195'W/BGN 115'W TEMP WORK SPACE

7632+15 MLV 11, SEE DWG 300A-60A
7631+35 ACCESS RD B-23(SUNSET PASS RD)

7619+92 ahd < 10°31'26" RT
STATION EQUATION -357'
7620+00 bk= END REALIGNMENT

7615+51 ACCESS RD B-21A
7615+03 ACCESS RD B-21A
7614+83 SECTION LINE
7614+69 O/H ELECTRIC
7613+70 FENCE
7613+35 ROAD
7613+27 ACCESS RD B-21A
7612+43 DRAINAGE
7611+52 DRAINAGE
7610+86 ROAD
7610+54 ACCESS RD B-21A

7608+72 P.I. < 4°25'45" RT

7603+47 MILEPOST 144

7601+80 P.I. < 1°02'11" RT

7600+27 P.I. < 6°12'40" LT

7597+00 P.I. < 24°15'58" LT

7594+81 P.I. < 8°57'04" RT
7594+09 P.I. < 24°54'48" RT
7593+51 P.I. < 21°15'00" RT
7591+60 P.I. < 68°19'30" LT
7591+50 TEST LEAD TYPE 1
7591+21 ACCESS RD B-21A
7590+79 BGN REALIGNMENT

7582+76 P.I. < 11°45'48" LT

7576+04 P.I. < 15°35'35" RT
7575+33 ACCESS RD B-21
7572+86 SECTION LINE

7570+88 ahd < 29°23'21" RT
STATION EQUATION -26'
7570+62 bk= END REALIGNMENT

7564+45 P.I. < 27°16'45" RT

7562+46 P.I. < 22°13'45" RT

7559+93 P.I. < 19°05'58" LT
7558+64 ACCESS RD B-21

7554+55 ACCESS RD B-21

7550+40 MILEPOST 143
7549+53 SECTION LINE
7548+44 ACCESS RD B-21

7544+12 ACCESS RD B-21
7543+25 TEST LEAD TYPE 1

7533+11 SECTION LINE

7531+09 P.I. < 14°04'53" LT

7529+44 SECTION LINE

7527+79 P.I. < 12°23'04" LT

7526+32 P.I. < 23°05'18" LT

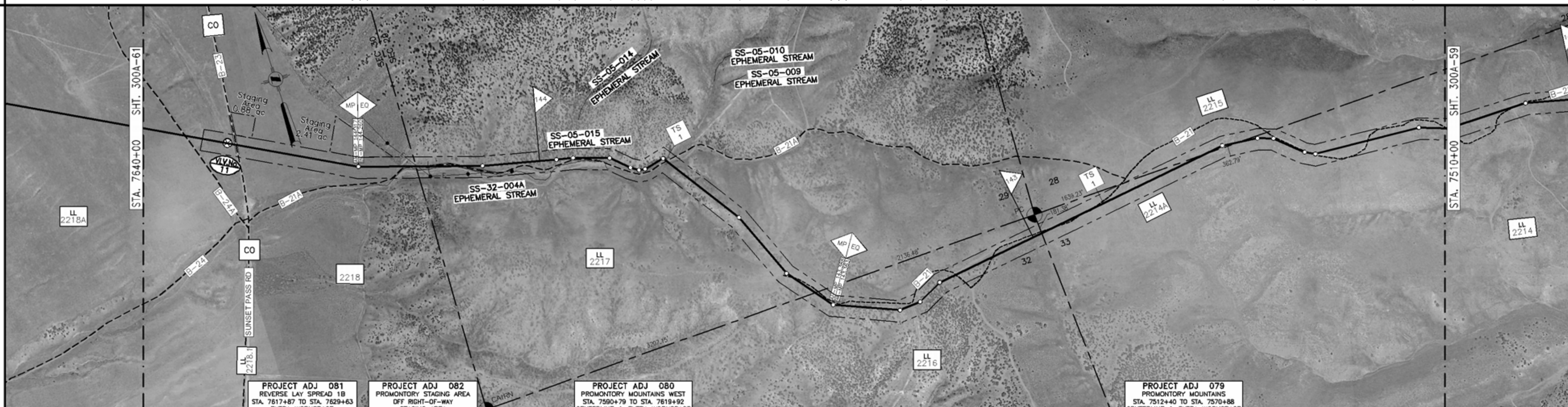
7523+20 P.I. < 14°03'42" RT
7522+57 ACCESS RD B-21
7522+19 P.I. < 24°01'56" RT

7517+22 ACCESS RD B-21

7512+40 P.I. < 15°37'50" LT & BGN REALIGNMENT

7510+00 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE

MATERIAL

PIPE CODE (SEE TABLE): 384' (P2) | 40' (P3) | 330' (P2) | 62' (SF) | 80' (P3) | 12086' (P2)

PIPELINE: 7640+00; 7636+16; ACCESS RD B-24A SEE DWG 300Z-9; 7635+76; 7632+46; MLV 11 SEE DWG 300A-60A; 7632+15; 7631+84; ACCESS RD B-23 SEE DWG 300Z-9; 7631+04; 7619+92 ahd STA EQ +8 7620+00 bk=; 7570+88 ahd STA EQ -26' 7570+62 bk=; 7510+00

PIPESAKS: (V11)

COATING CODE (SEE TABLE): 754' (C1) | 62' (C5) | 12166' (C1)

DESIGN FACTOR: .72 | .60 | .72 | .50 | .60 | .72

CLASS LOCATION: CLASS I

DESIGN PRESSURE: 1440

LL NO.	OWNERSHIP
2214	FRANK REES LTD PARTNERSHIP
2215	FRANK REES LTD PARTNERSHIP
2214A	FRANK REES LTD PARTNERSHIP
2216	STATE OF UTAH-SCHOOL & INSTITUIONAL TRUST
2217	HELEN KATHLEEN ROCK MCAFEE, ETAL
2218	T. LYNN STEWART DECLARATION OF TRUST, ETAL
2218.1	BOX ELDER COUNTY UTAH
2218A	T. LYNN STEWART DECLARATION OF TRUST, ETAL

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	12800
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	120
SF	SHOP FABRICATION	62
C1	PIPE COATING TYPE 1	12920
C5	PIPE COATING TYPE 5	62
V11	MAIN LINE VALVE 11	1

TBD - TO BE DETERMINED

FIELD NOTES

TEST: SEE TEST FORM

RADIOGRAPH: PER EP CONSTRUCTION STANDARDS

COATING DEFINITIONS

TYPE 1 - PLANT APPLIED COATING
EXTERIOR: 14-16 MIL FUSION BONDED EPOXY (FBE).
INTERIOR: EFFICIENCY COATED PER IC-100.

TYPE 2 - PLANT APPLIED COATING: ABRASION RESISTANT SYSTEM 40 14-16 MIL MIN CORROSION & 40 MIL ARO

TYPE 3 - PLANT APPLIED COATING W/CONTRACTOR APPLIED CONCRETE: 14 MIL FUSION BONDED EPOXY (FBE) WITH 7" CONCRETE

TYPE 4 - FITTING/BEND COATING: SPECIFICATION UC 271.

TYPE 5 - SHOP FABRICATION: PLANT OR FIELD APPLIED PER EP CONSTRUCTION STANDARDS

MATERIAL DEFINITIONS

PIPESAK - PIPESAK WEIGHTS: SET-ON, 12500#, SPACING 12.5' ON CENTER

SCREW ANCHOR - SCREW ANCHOR SYSTEM; ANCHORPIPE #AP320-42, SPACING 80' ON CENTER

REFERENCE DRAWINGS

TYP-G-P-1	TYPICAL MAPPING SYMBOLS
TYP-G-P-2	TYPICAL PIPELINE CROSSINGS
TYP-P-P-123	TYPICAL DETAILS CATHODIC PROTECTION
TYP-P-P-124	TYPICAL DETAILS CATHODIC PROTECTION
300Z-9	TYPICAL OPEN CUT ROAD CROSSING
300Z-10	TYPICAL BORED ROAD CROSSING
300A-60A	PLAN/DETAILS - MLV-11

ENVIRONMENTAL NOTES

1. EPHEMERAL STREAM - IF WATER IS PRESENT AT THE TIME OF CONSTRUCTION, THE TEMPORARY CONSTRUCTION WORKSPACE WILL BE LIMITED TO 115' AND THE EXTRA WORKSPACE WILL BE SET-BACK 50' FROM WATER'S EDGE.

GENERAL NOTES

1. THIS PIPELINE WILL BE INSTALLED UNDER TITLE 49 PART 192 CFR.
2. EL PASO COATING SPECIFICATION:
   A. PRODUCTION GIRTH WELDS - UC 235
   B. TIE-INS AND SHORT SECTIONS OF PIPE - UC 271
   C. ARO FIELD JOINTS - USE POWERCRETE-J PER SPEC UC 271
   D. ABOVE GROUND PIPING, VESSELS AND STRUCTURES - AC 135
3. ALL CONSTRUCTION R/W IS 115' WIDE EXCEPT AS NOTED.
4. EXTRA WORKSPACE IS APPLIED 40' TO EACH SIDE OF THE CONSTRUCTION WORKSPACE (195' WIDE TOTAL WORKSPACE) EXCEPT AS NOTED.
5. THE ENVIRONMENTAL INSPECTOR CAN APPROVE SHIFTING OF THE WORKSPACE WITHIN THE STUDY CORRIDOR AS APPROPRIATE.
6. THE CONSTRUCTION R/W IS LIMITED TO 75' WIDE IN WETLANDS EXCEPT AS NOTED.

LEGEND

- INTERSTATE HIGHWAY
- UNITED STATES HIGHWAY
- STATE HIGHWAY
- COUNTY HIGHWAY OR ROAD
- RAILROAD TRACKS
- ACCESS ROAD
- CREEK, RIVER, STREAM
- FOREIGN PIPELINE
- POWER LINE
- FIBER OPTICS LINE
- MAIN LINE VALVE (MLV)
- MAIN LINE VALVE DESIGNATION
- WELL
- ARCHAEOLOGICAL SITE
- ARCHAEOLOGICAL POINT
- WETLANDS AREA
- WETLANDS POINT
- STAGING AREAS

FOR LINE TYPES NOT SHOWN IN LEGEND, SEE EP STANDARD TYP-G-P-1.

SCALE & PROJECTION

500 250 0 500 1000

SCALE: 1" = 500' HORIZONTAL
1" = 500' VERTICAL

PROJECTION: UTM, NAD83, ZONE 12, US FOOT

NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
C	3/18/10	JDK	IMPLEMENTATION FILING	128575	JJJ
B	7/10/09	JDK	ISSUE FOR FERC FILING	128575	JJJ
A	1/26/09	JDK	ISSUE FOR FERC FILING	128575	JJJ

REVISIONS

RUBY PIPELINE LLC

ALIGNMENT SHEET
RUBY PIPELINE
300A-42 INCH

STA. 7510+00 TO STA. 7640+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: BOX ELDER	
Section: -	Township: 12N	Range: 6W	
Drafter: JDK	Date: 08/27/08	Project ID: 128575	Type: CIVIL 3D
Chk'd: RJG	Date: 10/15/08	Scale: 1" = 500'	
Appr: JJJ	Date: 12/03/08	Filename: 0300-A-0041	

300A-60

Sheet: 60 of 277 Rev. 0

IMPLEMENTATION PLAN 05/24/2010

Jun 14, 2010 - 11:56AM