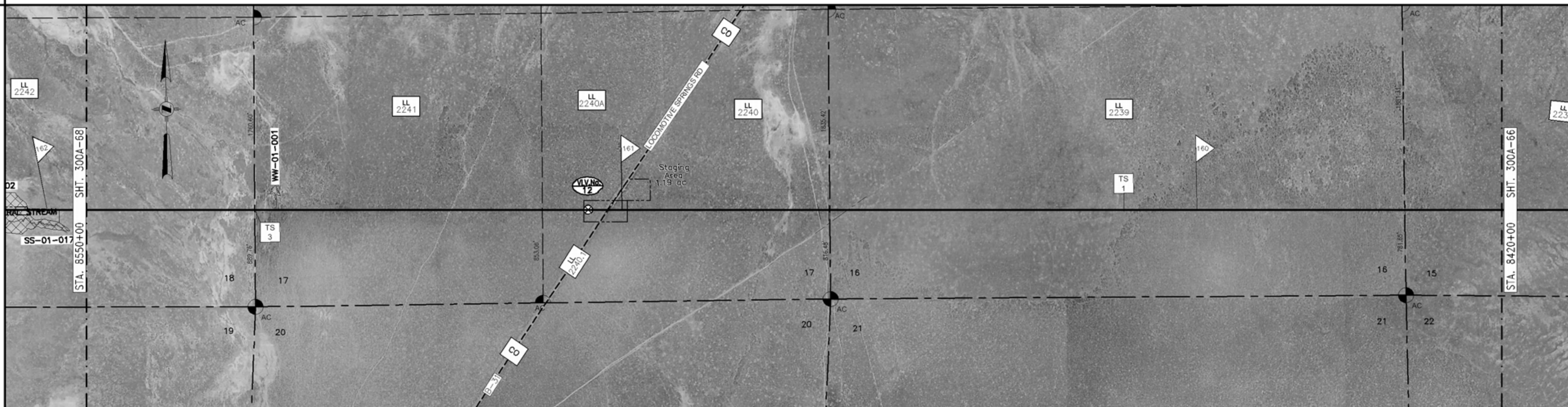
LAND									
LINE LIST	2242	2241	2240A	2240.1	2240	2239	2238		
PIPELINE STATION	8550+00	8534+54	8508+13	8502+10		8481+71	8428+91	8420+00	
HORIZONTAL DISTANCE	1546 FT	2641 FT			2642 FT	5281 FT	891 FT		

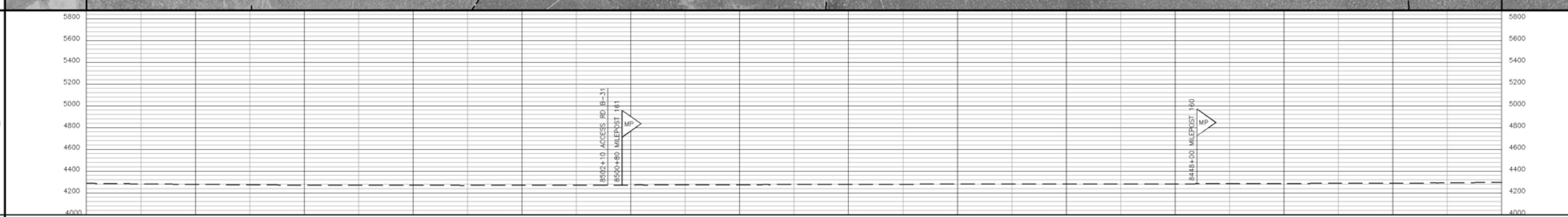
PIPELINE STATIONING

8550+00 MATCHLINE
8534+54 SECTION LINE & FENCE
8534+53 TEST LEAD TYPE 3
8534+40 ROAD
8508+13 PROPERTY LINE
8504+33 END 195'W/BGN 115'W TEMP WORK SPACE
8503+93 MLV 12
8502+10 ACCESS RD B-31(LOCOMOTIVE SPRINGS RD)
8500+80 MILEPOST 161
8500+33 END 115'W/BGN 195'W TEMP WORK SPACE
8482+75 ROAD
8481+84 ROAD
8481+73 FENCE
8481+71 SECTION LINE
8480+07 ROAD
8454+69 TEST LEAD TYPE 1
8448+00 MILEPOST 160
8428+91 SECTION LINE
8428+90 FENCE
8420+00 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	4496' (P1)	80' (P2)	62' (SF)	112' (P2)	80' (P3)	8170' (P1)	
PIPELINE	8550+00	8505+04 / 8504+24	MLV 12 SEE DWG 300A-67A; 8503+93	8503+62 / 8502+50	ACCESS RD B-31 SEE DWG 300Z-9; 8501+70		8420+00
PIPESAKS			V12				
COATING CODE (SEE TABLE)	4576' (C1)		62' (C5)	112' (C1)	80' (C2)	8170' (C1)	
DESIGN FACTOR	.80		.50	.80	.60	.80	
CLASS LOCATION	CLASS I						
DESIGN PRESSURE	1440						

LL NO.	OWNERSHIP
2238	MATTHEW D. TUBBS, ETAL
2239	ROY W. NEAL ETAL
2240	ELIASON LIVESTOCK LLC ETAL
2240.1	BOX ELDER COUNTY(EASEMENT ONLY)
2240A	ELIASON LIVESTOCK LLC ETAL
2241	RUSSELL K. BOYER, ETAL
2242	ELIASON LIVESTOCK LLC

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	12666
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	192
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	80
SF	SHOP FABRICATION	62
C1	PIPE COATING TYPE 1	12858
C2	PIPE COATING TYPE 2	80
C5	PIPE COATING TYPE 5	62
V12	MAIN LINE VALVE 12	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
300Z-67A	PLAN/DETAILS – MLV-12

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

REVISIONS

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

RUBY PIPELINE LLC

ALIGNMENT SHEET
RUBY PIPELINE
300A-42 INCH

STA. 8420+00 TO STA. 8550+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: BOX ELDER	
Section: –	Township: 12N	Range: 9W	
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-0061	

300A-67

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IMPLEMENTATION PLAN 05/24/2010

Jun 14, 2010 – 1:27PM