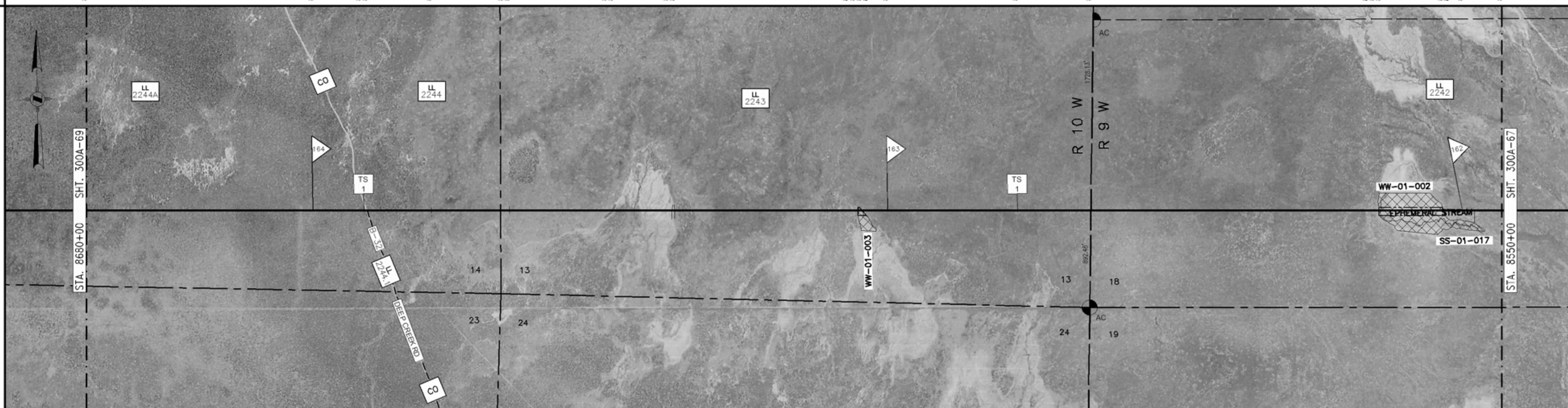
LAND

LINE LIST	2244A	2244.1	2244	2243	2242
LAND PLAT NUMBER					
PIPELINE STATION	8680+00	8654+22	8641+95	8587+74	8550+00
HORIZONTAL DISTANCE	3805 FT			5421 FT	3774 FT

PIPELINE STATIONING

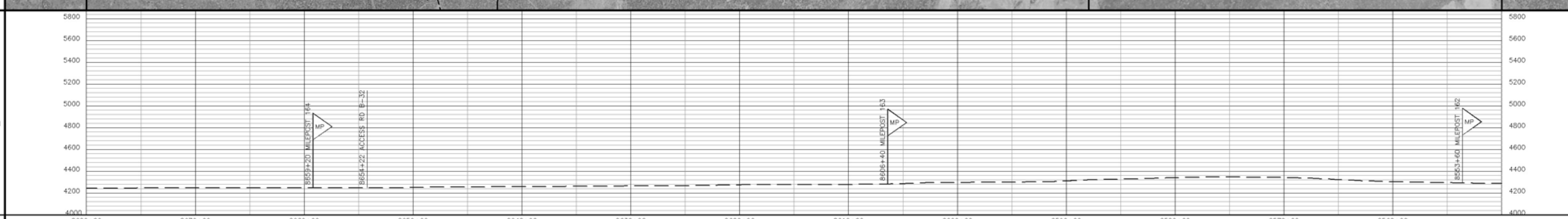
8680+00 MATCHLINE
8659+20 MILEPOST 164
8654+51 TEST LEAD TYPE 1
8654+22 ACCESS RD B-32(DEEP CREEK RD)
8648+33 ROCK AREA
8641+95 SECTION LINE
8641+16 ROCK AREA
8631+75 TOP BANK
8631+65 TOE BANK
8626+20 TOE BANK
8625+99 TOP BANK
8609+11 END 75'W/BGN 115'W TEMP WORK SPACE
8609+10 END WETLANDS
8608+84 BGN WETLANDS
8608+83 END 115'W/BGN 75'W TEMP WORK SPACE
8606+40 MILEPOST 163
8594+48 TEST LEAD TYPE 1
8587+74 RANGE LINE
8561+33 END 75'W/BGN 115'W TEMP WORK SPACE
8561+32 END WETLANDS
8561+14 DRAINAGE
8555+45 BGN WETLANDS
8555+44 END 115'W/BGN 75'W TEMP WORK SPACE
8553+60 MILEPOST 162
8550+00 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE

ELEVATION



MATERIAL

PIPE CODE (SEE TABLE): 2558' (P1) | 40' (P3) | 10402' (P1)

PIPELINE: 8680+00 | 8654+42 ACCESS RD B-32 SEE DWG 300Z-9 8654+02 | 8550+00

PIPESAKS: 8609+10 (3) 25' (PS) 8608+85 | 8561+32 587' (48) (PS) 8555+45

COATING CODE (SEE TABLE): 13000' (C1)

DESIGN FACTOR: .80 | .60 | .80

CLASS LOCATION: CLASS 1

DESIGN PRESSURE:

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
2242	ELIASON LIVESTOCK LLC		
2243	ELIASON LIVESTOCK LLC		
2244	JESS R. SHOWELL, ETAL		
2244.1	BOX ELDER COUNTY(EASEMENT ONLY)		
2244A	JESS R. SHOWELL, ETAL		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	12960
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	40
C1	PIPE COATING TYPE 1	13000
PS	PIPESAK	51

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

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. 8550+00 TO STA. 8680+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: BOX ELDER	
Section: –	Township: 12N	Range: 9W/10W	
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-68 | Sheet: 68 of 277 | Rev. 0

IMPLEMENTATION PLAN 05/24/2010

Jun 14, 2010 – 1:20PM