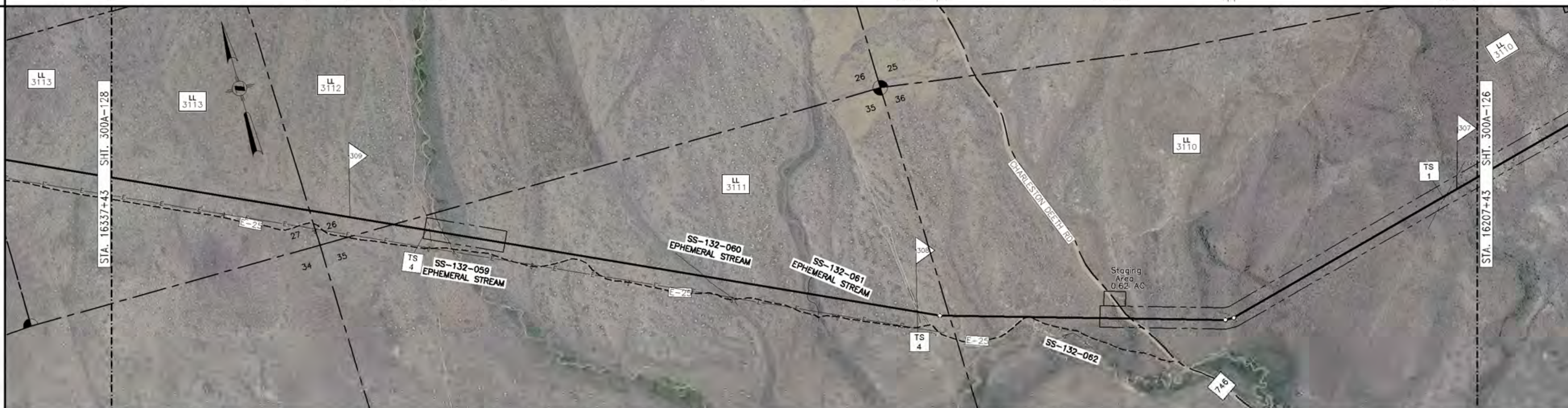
LAND

LINE LIST						
LAND PLAT NUMBER	3113	3112	3111	3110		
PIPELINE STATION	16337+43	16318+97	16311+17	16259+39	16207+43	
HORIZONTAL DISTANCE	1846 FT	779 FT	5179 FT	5196 FT		

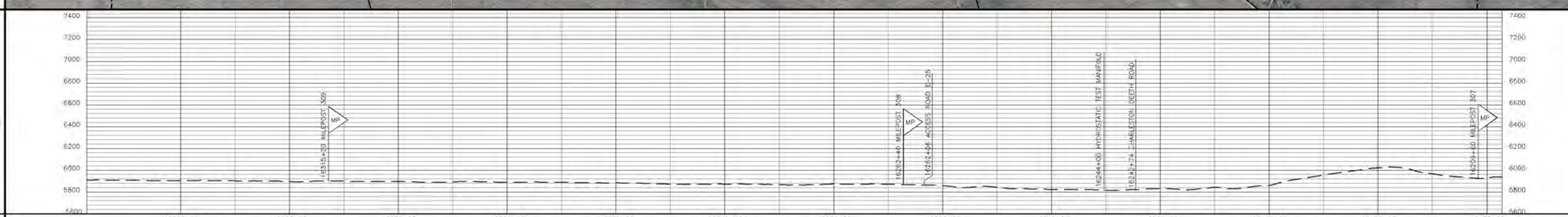
PIPELINE STATIONING

16337+43 MATCHLINE
16318+97 SECTION LINE
16315+20 MILEPOST 309
16311+17 SECTION LINE
16308+26 END 195'W/BGN 115'W TEMP WORK SPACE
16308+06 TEST LEAD TYPE 4
16307+79 DIRT ROAD
16306+55 DRAINAGE
16300+78 END 115'W/BGN 195'W TEMP WORK SPACE
16282+21 DRAINAGE
16272+57 DRAINAGE
16262+40 MILEPOST 308
16262+36 TEST LEAD TYPE 4
16262+34 DIRT ROAD
16262+06 ACCESS ROAD E25
16260+26 P.I. < 8°35'17" RT
16259+93 BGN PARALLEL POWERLINE
16259+39 SECTION LINE
16245+60 END 195'W/BGN 115'W TEMP WORK SPACE
16245+25 STAGING AREA
16244+00 HYDROSTATIC TEST MANIFOLD
16243+25 STAGING AREA
16242+74 CHARLESTON DEETH ROAD
16234+04 P.I. < 15°19'25" RT
16233+24 P.I. < 15°30'00" RT
16211+03 TEST LEAD TYPE 1
16210+74 DIRT ROAD
16209+60 MILEPOST 307
16207+43 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	2924' (P1)	80' (P2)	4493' (P1)	80' (P3)	866' (P1)	986' (P2)	80' (P3)	2334' (P2)	1157' (P1)	
PIPELINE	16337+43	16308+19 / 16307+39		16262+46 / ACCESS RD E-25 SEE DWG 300Z-11 / 16261+66	16253+01		16243+14 / CHARLESTON DEEPTH RD SEE DWG 300Z-12 / 16242+34		16219+00	16207+43
PIPESAKS										
COATING CODE (SEE TABLE)	9429' (C1)						80' (C2)	3491' (C1)		
DESIGN FACTOR	.80	.72	.80	.60	.80	.72	.60	.72	.80	
CLASS LOCATION	CLASS 1									
DESIGN PRESSURE	1440									

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
3110	BLM		
3111	BLM		
3112	BLM		
3113	BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	9440
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	3400
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	160
C1	PIPE COATING TYPE 1	12920
C2	PIPE COATING TYPE 2	80

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-11	TYPICAL OPEN CUT ROAD CROSSING
300Z-12	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 EDGEEPHTHE CONSTRUCTION R/W IS LIMITED TO 75' WIDE IN WETLANDS

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 11, US FOOT

NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
C	3/10/10	LEL	IMPLEMENTATION FILING	122659	JJJ/LC
B	7/10/09	LEL	ISSUE FOR FERC FILING	122659	JJJ
A	1/26/09	DLM	ISSUE FOR FERC FILING	122659	JJJ

REVISIONS

RUBY PIPELINE LLC

ALIGNMENT SHEET
RUBY PIPELINE
300A–42"

STA. 16207+43 TO STA. 16337+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: ELKO CO	
Section: –	Township: 39N	Range: 58E	
Drafter: DLM	Date: 01/23/09	Project ID: 122659	Type: CIVIL 3D
Chk'd: G	Date: 01/23/09	Scale: 1" = 500'	
Appr: JJJ	Date: 01/23/09	Filename: 0300-A-116.DWG	

300A–127

Sheet: 128of277 Rev. C

Jun 14, 2010 – 10:21AM

IMPLEMENTATION PLAN 05/24/2010