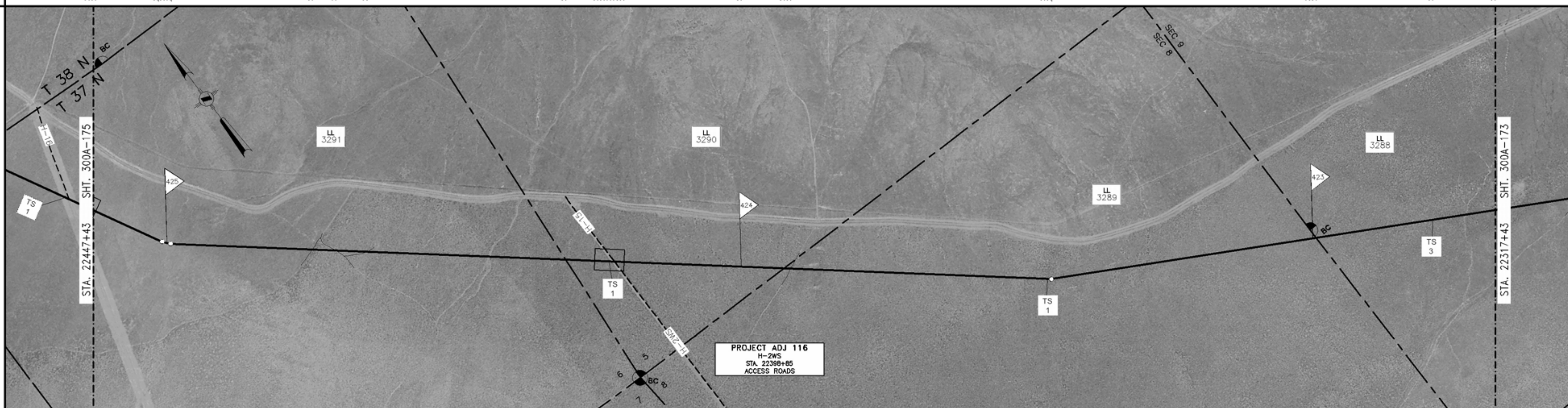
LAND

LINE LIST				
LAND PLAT NUMBER	3291	3290	3289	3288
PIPELINE STATION	22447+43	22403+33	22383+31	22334+08 / 22317+43
HORIZONTAL DISTANCE	4410 FT	2005 FT	4923 FT	1666 FT

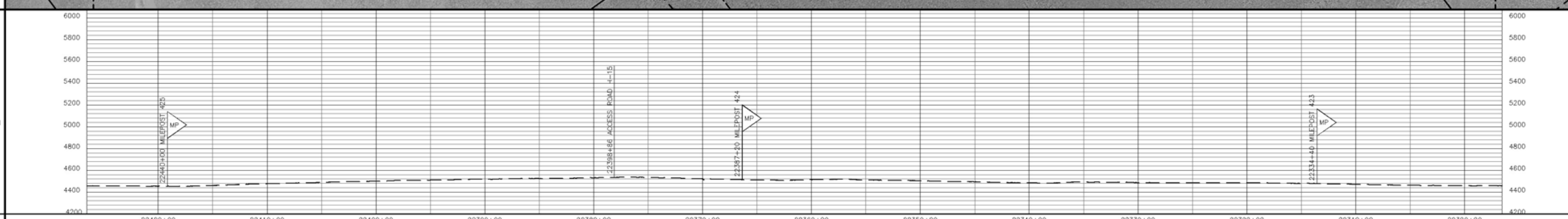
PIPELINE STATIONING

22447+43 MATCHLINE
22447+18 END 115'W/BGN 195'W TEMP WORK SPACE
22440+45 P.I. < 11°04'20" RT.
22440+00 MILEPOST 425
22439+65 P.I. < 11°15'00" RT.
22426+62 DIRT ROAD
22424+46 DIRT ROAD
22421+60 DIRT ROAD
22403+33 SECTION LINE
22400+68 END 195'W/BGN 115'W TEMP WORK SPACE
22399+35 TEST LEAD TYPE 1
22398+86 ACCESS ROAD H-15
22398+85 ACCESS ROAD H-2WS
22397+99 END 115'W/BGN 195'W TEMP WORK SPACE
22387+20 MILEPOST 424
22383+31 SECTION LINE
22382+65 DIRT ROAD
22359+05 TEST LEAD TYPE 1
22358+71 P.I. < 11°06'43" RT.
22334+40 MILEPOST 423
22334+08 SECTION LINE
22323+25 TEST LEAD TYPE 3
22317+43 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

PIPE CODE (SEE TABLE): 2041' (P1) | 80' (P3) | 136' (P1) | 80' (P3) | 206' (P1) | 80' (P3) | 2194' (P2) | 80' (P3) | 1541' (P2) | 80' (P3) | 2395' (P2) | 4087' (P1)

PIPELINE: 22447+43, 22427+02, 22426+22, 22424+86, 22424+06, 22422+00, 22421+20, 22399+26, ACCESS RD H-15 SEE DWG 300Z-13, 22398+46, 22383+05, 22382+25, 22358+30, 22317+43

PIPESAKS

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

DESIGN FACTOR: .80 | .60 | .80 | .60 | .80 | .60 | .72 | .60 | .72 | .60 | .72 | .80

CLASS LOCATION: CLASS I

DESIGN PRESSURE: 1440

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
3288	NFC LAND AND CATTLE, LLC		
3289	BLM		
3290	NFC LAND AND CATTLE, LLC		
3291	BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	6470
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	6130
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	400
C1	PIPE COATING TYPE 1	13000

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-13	TYPICAL OPEN CUT ROAD CROSSING
300Z-14	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 11, US FOOT

REVISIONS

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

RUBY PIPELINE LLC

ALIGNMENT SHEET
RUBY PIPELINE
300A–42"

STA. 22317+43 TO STA. 22447+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: HUMBOLDT CO	
Section: –	Township: 37N	Range: 40E	
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-156.DWG	
300A–174		Sheet: 175of277	Rev. C

Jun 14, 2010 – 2:44PM

IMPLEMENTATION PLAN 05/24/2010