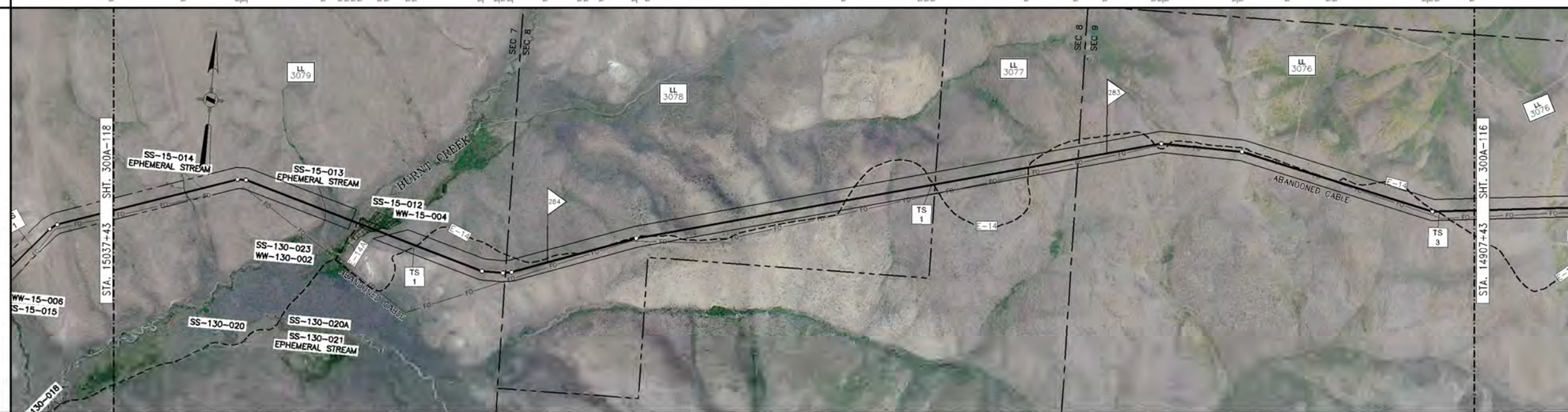
LAND				
LINE LIST	3079	3078	3077	3076
LAND PLAT NUMBER				
PIPELINE STATION	15037+43	14999+21	14958+56	14945+12	14907+43
HORIZONTAL DISTANCE	3823 FT	4064 FT	1344 FT	3769 FT

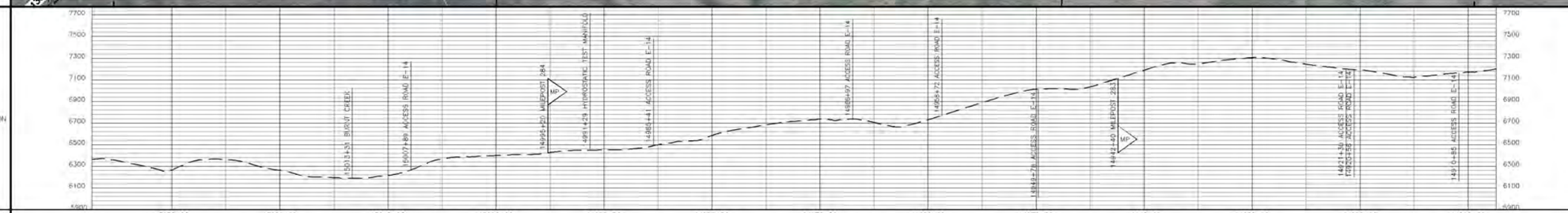
PIPELINE STATIONING

15037+43 MATCHLINE
15030+57 TRIBUTARY TO BURNT CREEK
15026+49 P.I. < 17°37'27" LT
15024+25 P.I. < 17°30'00" LT
15016+94 TRIBUTARY TO BURNT CREEK
15014+17 END 75'W/BDA 195'W TEMP WORK SPACE
15013+29 ACCESS ROAD E-14A
15013+55 END WETLAND
15013+31 BURNT CREEK
15011+80 BGN WETLAND
15010+68 END 195'W/BDA 75'W TEMP WORK SPACE
15008+14 TEST LEAD TYPE 1
15007+89 ACCESS ROAD E-14
15001+38 P.I. < 16°03'44" RT
14999+44 P.I. < 17°21'42" RT
14999+21 MILEPOST 283
14988+64 P.I. < 14°07'07" RT
14995+21 MILEPOST 284
14992+04 ACCESS ROAD E-14
14991+29 HYDROSTATIC TEST MANIFOLD
14989+83 ACCESS ROAD E-14
14986+69 P.I. < 43°55'55" LT
14985+41 ACCESS ROAD E-14
14966+97 ACCESS ROAD E-14
14959+92 TEST LEAD TYPE 1
14959+72 ACCESS ROAD E-14
14959+72 ACCESS RD
14959+56 PROPERTY LINE
14949+78 ACCESS ROAD E-14
14945+12 SECTION LINE
14942+41 MILEPOST 283
14937+89 ACCESS ROAD E-14
14937+29 P.I. < 11°34'46" LT
14936+10 ACCESS ROAD E-14
14929+78 P.I. < 11°34'46" LT
14929+68 ABANDONED FIBER OPTIC CABLE
14925+19 ABANDONED FIBER OPTIC CABLE
14921+30 ACCESS ROAD E-14
14920+56 ACCESS ROAD E-14
14911+30 P.I. < 16°56'54" RT
14910+85 ACCESS ROAD E-14
14910+45 TEST LEAD TYPE 3
14907+43 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	2365' (P2)	249' (P3)	319' (P2)	80' (P3)	2165' (P2)	80' (P3)	1765' (P2)	80' (P3)	745' (P2)	80' (P3)	813' (P2)	80' (P3)	2765' (P2)	160' (P3)	389' (P2)	80' (P3)	301' (P2)
PIPELINE	15037+43	15013+68 BURNT CREEK	15011+48	15008+29	15007+49 ACCESS RD E-14 SEE DWG 300Z-11	14985+81 ACCESS RD E-14 SEE DWG 300Z-11	14985+01	14967+35 ACCESS RD E-14 SEE DWG 300Z-11	14966+56	14959+17 ACCESS RD E-14 SEE DWG 300Z-11	14955+31	14950+18 ACCESS RD E-14 SEE DWG 300Z-11	14949+38	14921+73 ACCESS RD E-14 SEE DWG 300Z-11	14920+13	14911+24 ACCESS RD E-14 SEE DWG 300Z-11	14910+44	14907+43
PIPESAKS																		
COATING CODE (SEE TABLE)	2365' (C1)	249' (C3)	10403' (C1)															
DESIGN FACTOR	.72	.60	.72	.60	.72	.60	.72	.60	.72	.60	.72	.60	.72	.60	.72	.60	.72
CLASS LOCATION	CLASS 1																
DESIGN PRESSURE	1440																

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/LG
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

LL NO. / OWNERSHIP

LL NO.	OWNERSHIP
3076	WILLIAM MAX SPRATLING LIVING TRUST
3077	WILLIAM MAX SPRATLING LIVING TRUST
3078	BLM
3079	WILLIAM MAX SPRATLING LIVING TRUST

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	12120
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	850
C1	PIPE COATING TYPE 1	12760
C3	PIPE COATING TYPE 3	240

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

ALIGNMENT SHEET
RUBY PIPELINE
300A-42"

STA. 14907+43 TO STA. 15037+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Parr.: ELKO CO	
Section: –	Township: 40N	Range: 62E	
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-117		Sheet: 118of277	Rev: C

IMPLEMENTATION PLAN 05/24/2010

Jun 14, 2010 – 13:10AM