

SURVEYED AND PREPARED BY:  
L.W. Survey Engineering & Design Co.  
1 East First St, Suite 201  
Duluth, MN 55802



NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
REVISIONS					

Division: ROCKY MOUNTAIN	Op. Area: ELKO
State: NEVADA	Co./Par.: ELKO
Section: 32	Township: 39N Range: 49E
Dft: MHW	Date: 07/06/2011 Project ID: 122659
Chk: CDH	Date: 07/07/2011 Scale: 1"=500'
Appr:	Date: Filename: MLV-24-BLM

GROUND BED  
RUBY PIPELINE-LN300A  
CROSSING  
BLM  
PROPERTY



**RUBY PIPELINE LLC**

300AU-MLV-24-BLM	Sheet: 1 of 2	Rev. 0
	Type: ACAD	

Ruby Pipeline Biological Survey Report for MLV 24 near MP 366 and Access Road E-51A

BACKGROUND

On July 9, 2010, Ecology and Environment (E&E) biologists surveyed the MLV site 24 in Elko County, Nevada (see attached map). The purpose of the biological survey was to evaluate the site for sensitive plants or animals, or critical habitat including wetlands and streams.

SURVEY METHODOLOGY

Biologists had a handheld GPS unit, Trimble GEO XT with the MLV site boundary shapefile to delineate within the survey corridor. Survey methodology consisted of meandering with in the boundary of the MLV site and surveying for sensitive features. The survey methodology followed the Project survey protocols approved by federal and state agencies in 2008.

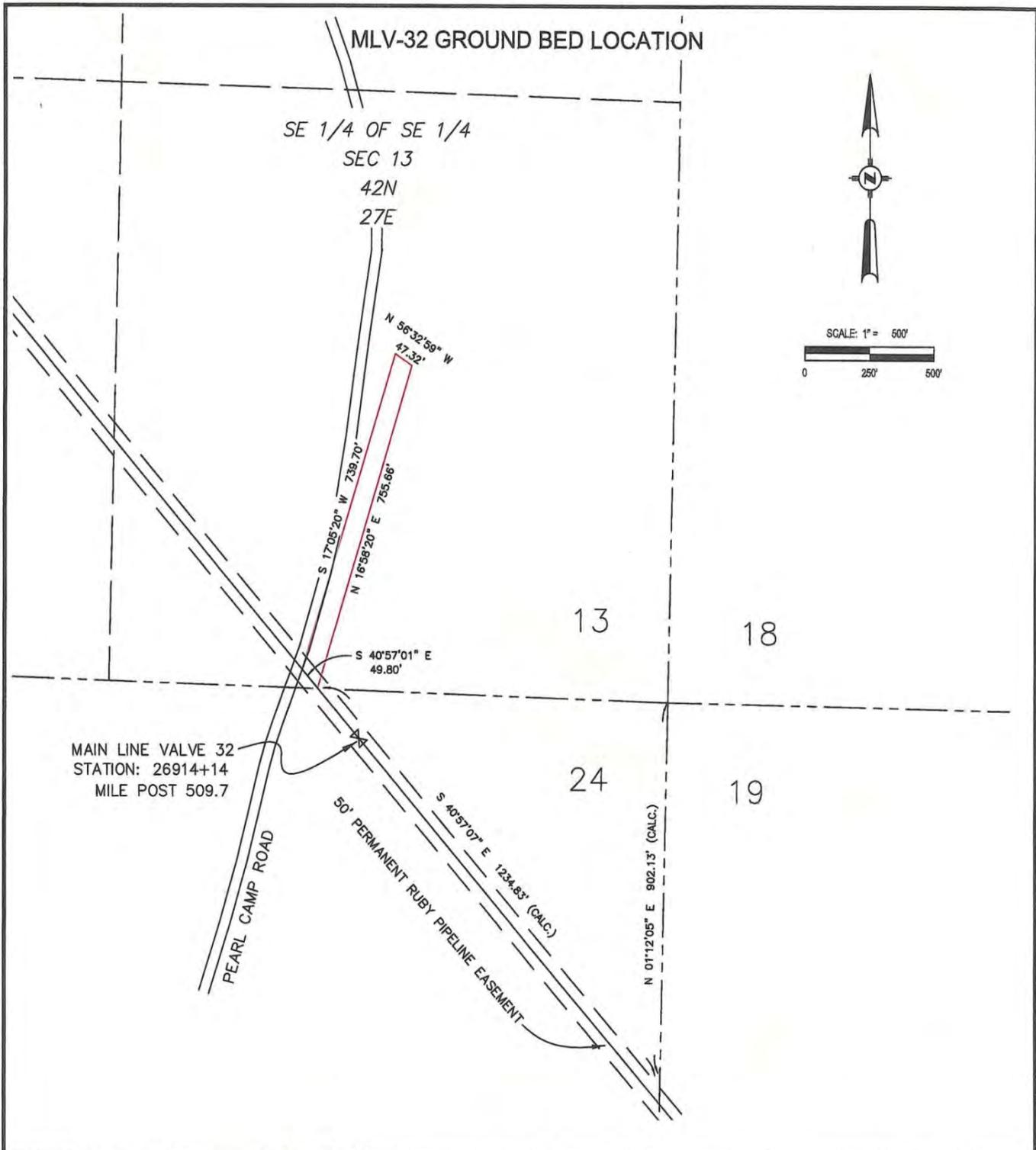
SURVEY RESULTS for ROW

Habitat was documented as medium quality sagebrush steppe. Dominant species include *Artemisia tridentata*, *Poa nevadensis*, and *Elymus elymoides*. In the very far west NW corner of the site there is pygmy rabbit colony. No other resources were documented.

Photograph - MLV Site 24



Habitat facing south



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NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
REVISIONS					

Division:	ROCKY MOUNTAIN	Op. Area:	ELKO
State:	NEVADA	Co./Par.:	HUMBOLDT
Section:	13	Township:	42N
		Range:	27E
Dt:	MHW	Date:	07/06/2011
		Project ID:	122859
Chk:	CDH	Date:	07/07/2011
		Scale:	1"=500'
Appr:		Date:	
		Filename:	MLV-32-BLM

GROUND BED  
RUBY PIPELINE-LN300A  
CROSSING  
BLM  
PROPERTY



300AU-MLV-32-BLM	Sheet: 1 of 1	Rev.
	Type: ACAD	0

## Ruby Pipeline Biological Survey Report for MLV 32 and ground bed near MP 510

### BACKGROUND

On June 9, 2011, Ecology and Environment (E&E) biologists surveyed the MLV site #32 and ground bed in Humboldt County, Nevada (see attached map). The purpose of the biological survey was to evaluate the site for sensitive plants or animals, or critical habitat including wetlands and streams.

### SURVEY METHODOLOGY

The team had a handheld GPS unit, Trimble GEO XT, with the boundary of the site shapefile on it to assist in navigation. Survey methodology consisted of conducting a meandering survey within the confines of the site, which followed the Project survey protocols approved by federal and state agencies in 2008. When features were found, the team logged in points on to the GPS unit. In addition the site was staked by survey.

### SURVEY RESULTS

MLV site #32 and ground bed are located off of Pearl Camp Road (access road H-46). The topography is flat. Habitat was documented as moderate quality sagebrush steppe with 25% bare ground and 15% invasive species comprising of *Bromus tectorum*. Dominant species include *Artemisia tridentata*, *Chrosothamnus viscidiflora*, *Carex hoodia*, *Poa pratensis*, *Poa secunda*, and *Lupinus agentus*. At the time of visit no migratory bird nests were present. There were no sensitive wildlife or plant species documented. No water body or wetland impacts will accrue with use of the ground bed.

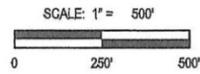


Facing NE on the south end of the site along Pearl Camp Road (H-46)

# MLV-34 GROUND BED LOCATION

31 32

6 5



N 02°35'40" E 2294.01' (calc.)

MAIN LINE VALVE 34  
STATION: 28925+75  
MILE POST 547.9

ACCESS ROAD W-4A

S 83°02'36" E  
127.67'

N 37°34'02" W 740.26'

S 37°35'18" E 680.99'  
100.13'  
S 58°23'56" W

S 83°31'59" E 2569.08' (CALC.)

50' PERMANENT RUBY PIPELINE EASEMENT

SW 1/4 OF NE 1/4  
SEC. 6  
42N  
22E

SEC 6

SEC 5

Bureau of Land Management  
6  
42N  
22E

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NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
REVISIONS					

Division:	ROCKY MOUNTAIN	Op. Area:	ELKO
State:	NEVADA	Co./Par.:	WASHOE
Section:	6	Township:	42N
		Range:	22E
Dft:	MHW	Date:	07/06/2011
		Project ID:	122659
Chk:	CDH	Date:	07/07/2011
		Scale:	1"=500'
Appr:		Date:	
		Filename:	MLV-34-BLM

GROUND BED  
RUBY PIPELINE-LN300A  
CROSSING  
BLM  
PROPERTY



300AU-MLV-34-BLM	Sheet: 1 of 1	Rev.
	Type: ACAD	0

Ruby Pipeline Biological Survey Report for MLV 34 and ground bed near MP 548

BACKGROUND

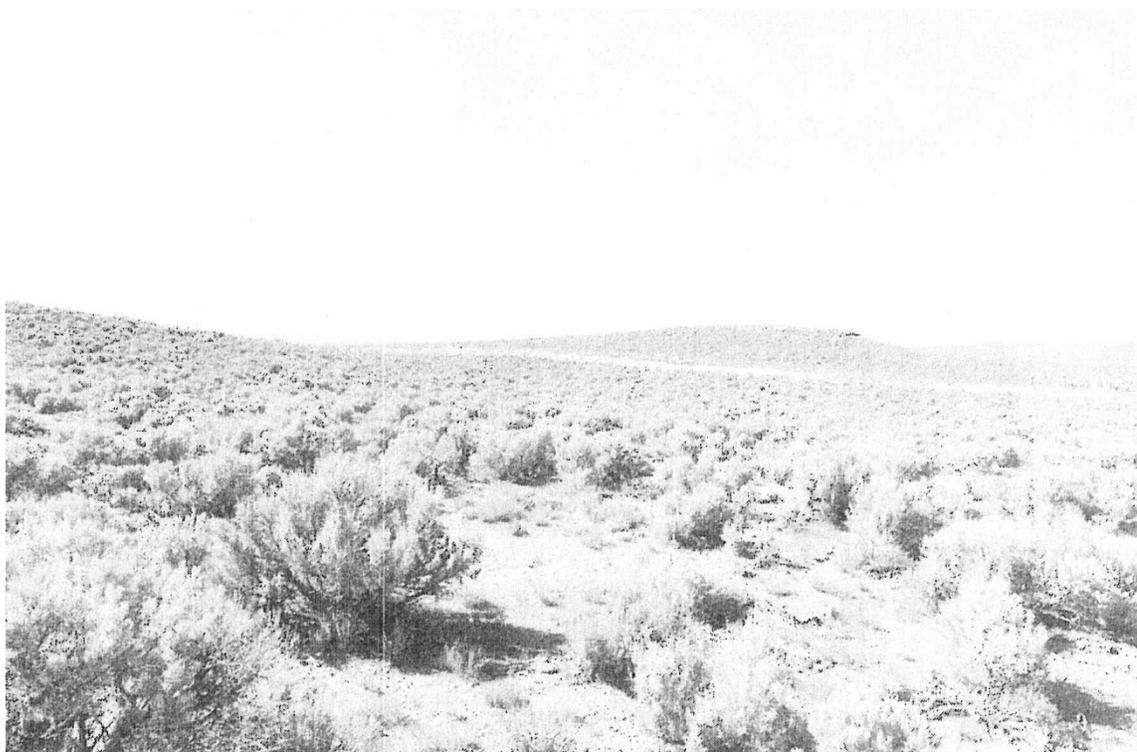
On June 9, 2011, Ecology and Environment (E&E) biologists surveyed the MLV site #34 and ground bed in Washoe County, Nevada (see attached map). The purpose of the biological survey was to evaluate the site for sensitive plants or animals, or critical habitat including wetlands and streams.

SURVEY METHODOLOGY

The team had a handheld GPS unit Trimble GEO XT, with the boundary of the site shapefile on it to assist in navigation. Survey methodology consisted of conducting a meandering survey within the confines of the site, which followed the Project survey protocols approved by federal and state agencies in 2008. When features were found, the team logged in points on to the GPS unit. In addition the site was staked by survey.

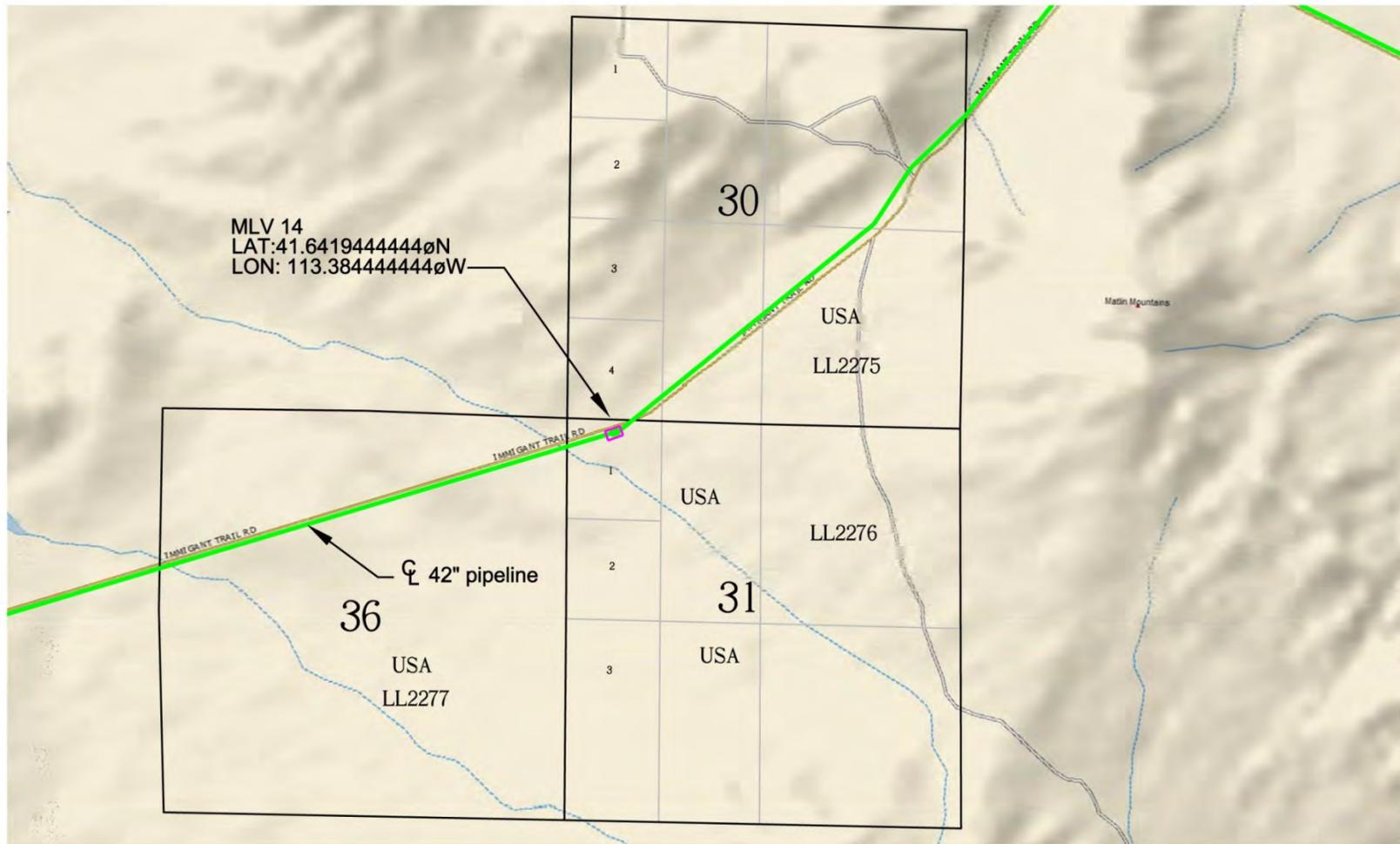
SURVEY RESULTS

MLV site 34 is near access road W-4A. The terrain is rolling hill topography. Habitat was documented as low quality sagebrush steppe with 40% bare ground and 5% invasive species comprising of *Bromus tectorum*. Dominant species include *Artemisia tridentata*, *Poa secunda*, and *Lupinus agentus*. At the time of visit no migratory birds were present. There were no sensitive wildlife or plant species documented. No water body or wetland impacts will accrue with use of the ground bed.



Facing NW at the site south of access road W-4A

MLV- 14 LOCATION MAP  
MP 190.2  
SEC. 31, T 11 N, R 13 W, BOXELDER COUNTY, UTAH



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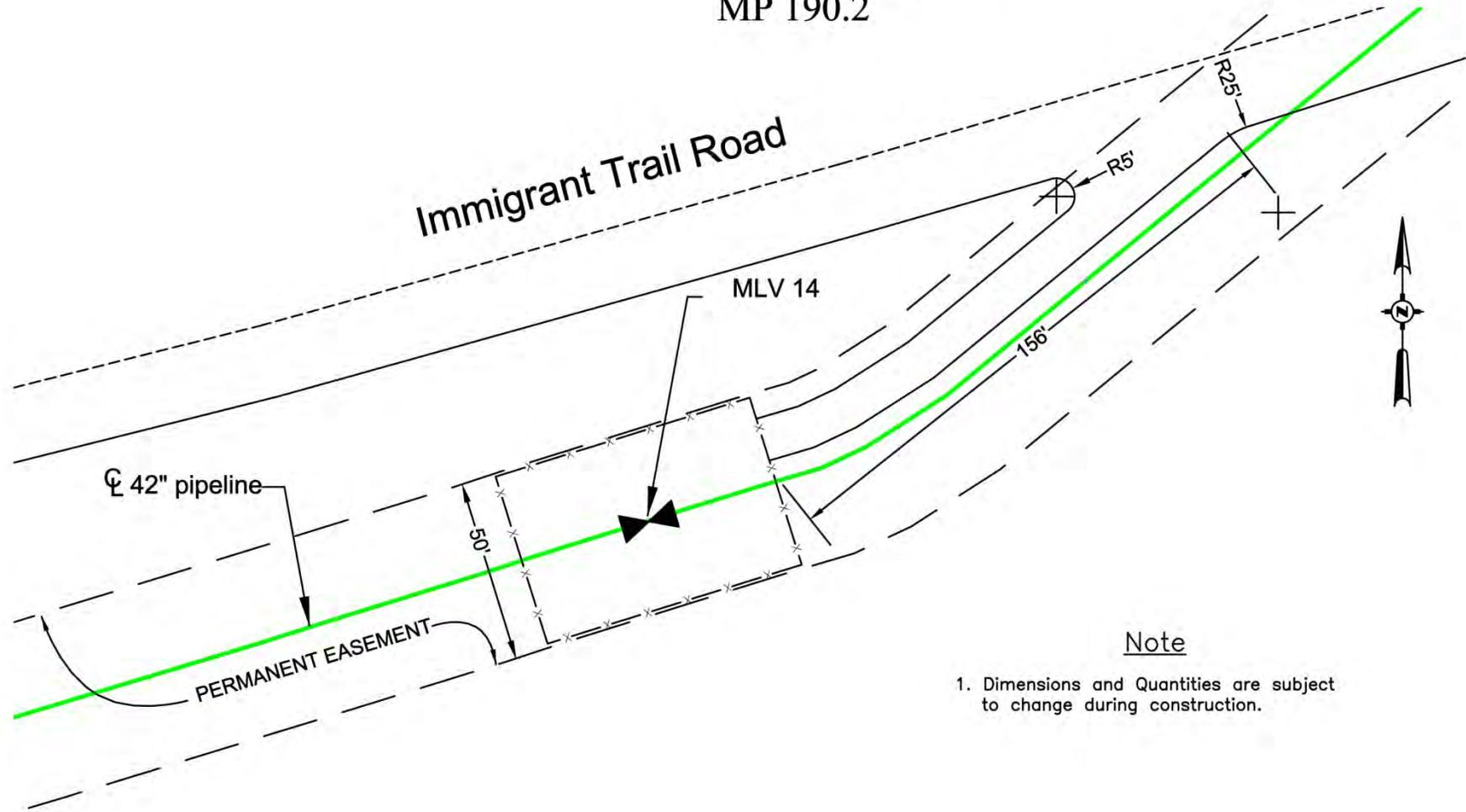
Prepared by: M. Wharton (09-01-11)

SCALE: 1" = 2000'  
0 1000' 2000'

NOTE: FOR REFERENCE PURPOSES ONLY

**RUBY PIPELINE LLC**

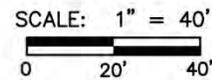
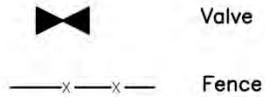
# Site Plan Detail MLV- 14 MP 190.2



### Note

1. Dimensions and Quantities are subject to change during construction.

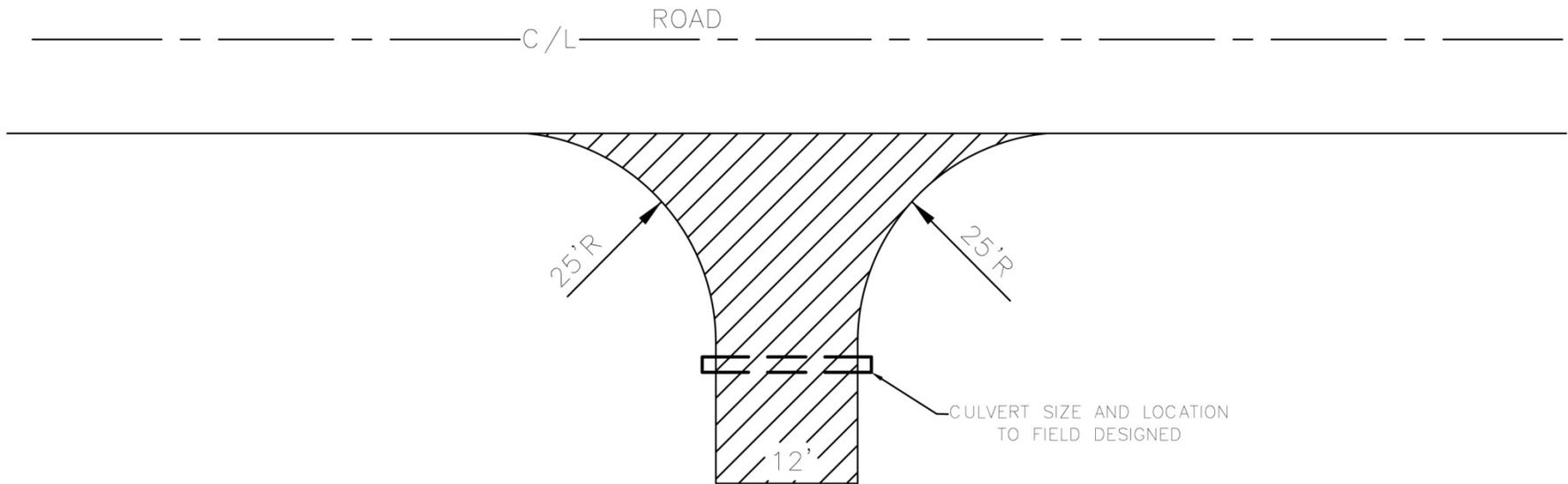
### LEGEND



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M. Wharton (8-27-11)

# TYPICAL APPROACH DETAIL FOR MAIN LINE VALVES



Scale : None



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Prepared by: L. Puerta (04-05-11)

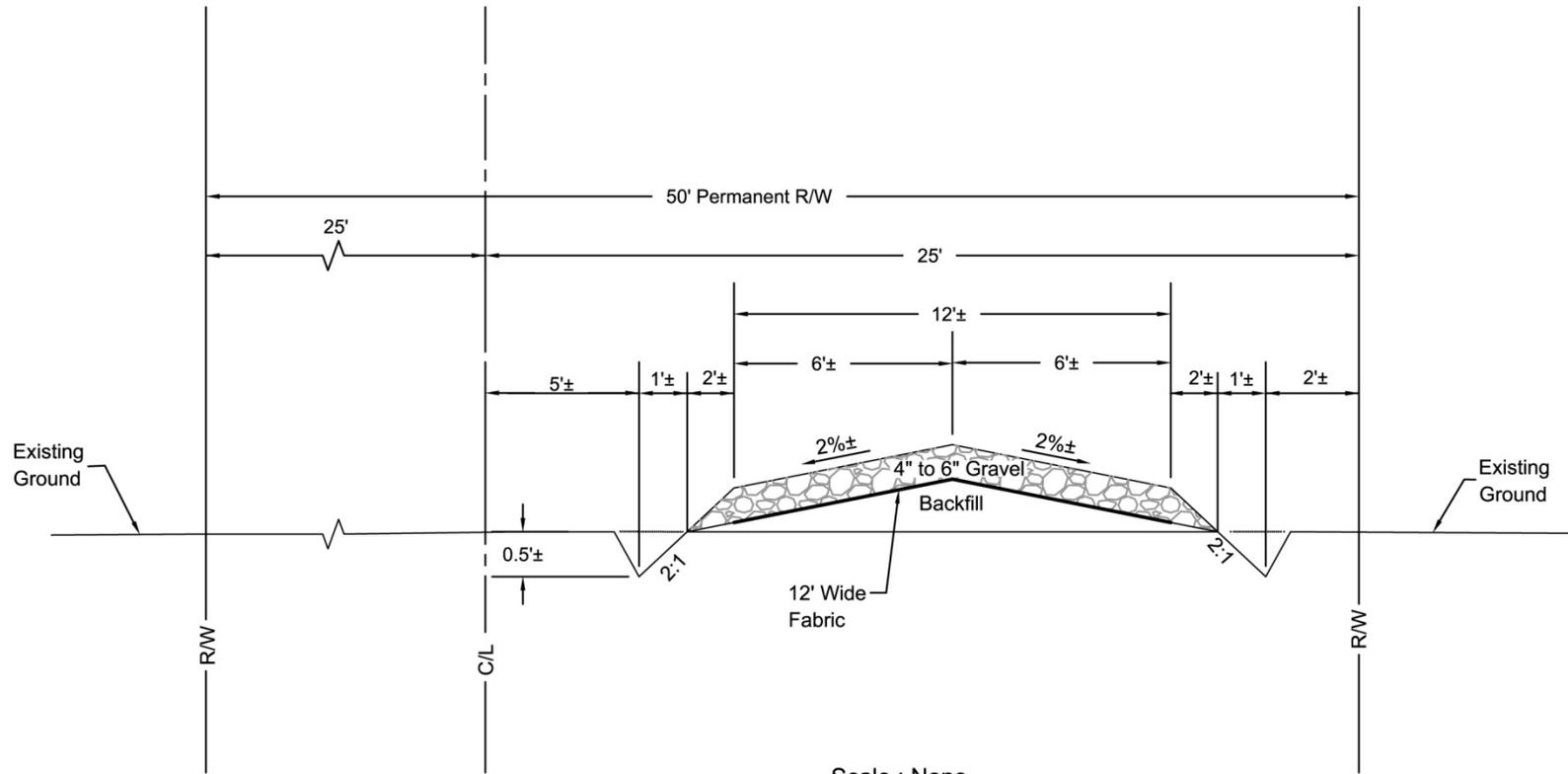
## Note:

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# TYPICAL ACCESS ROAD DETAIL FOR MAIN LINE VALVES



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Prepared by: L. Puerta (04-05-11)

## Note:

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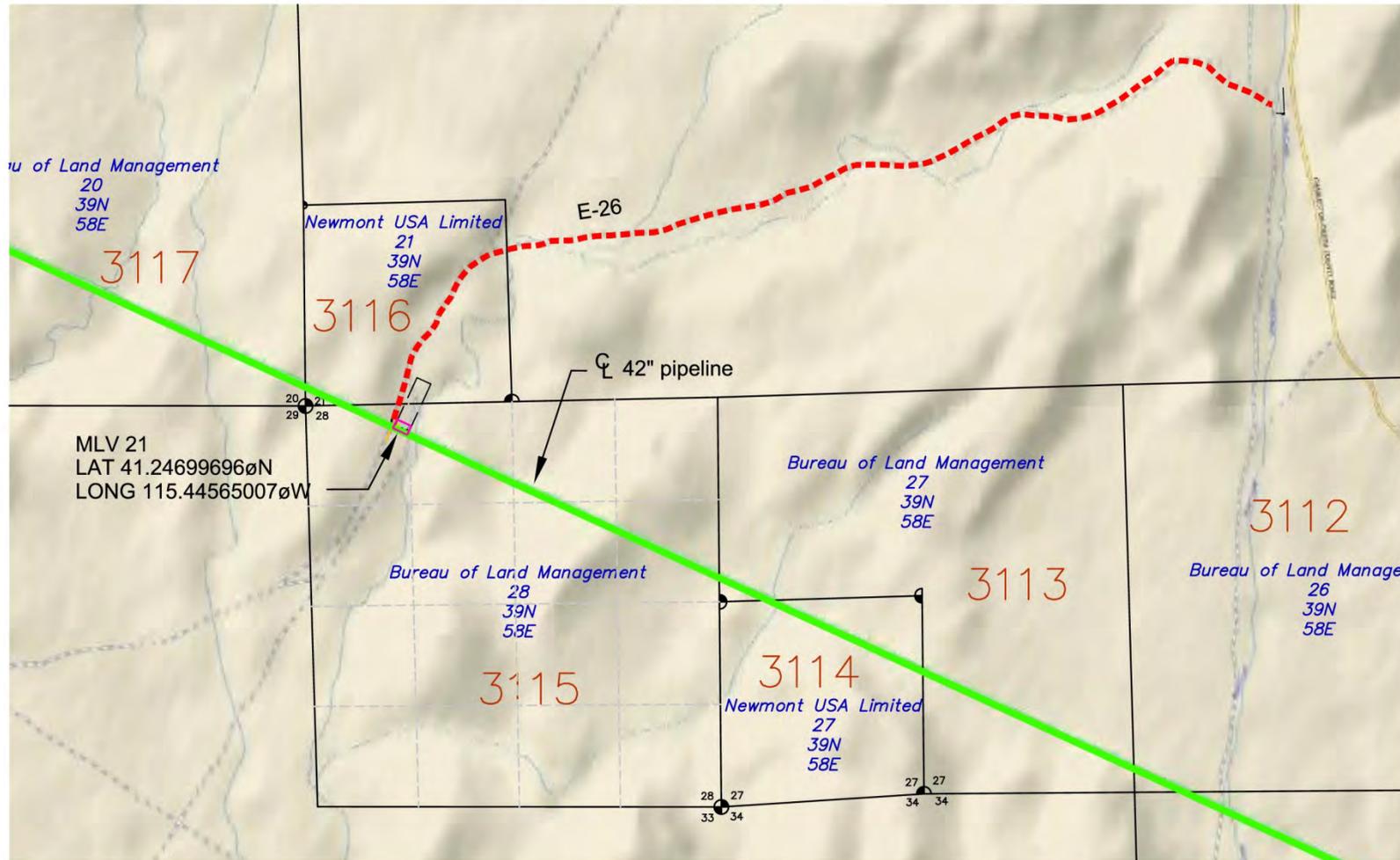
FOR REFERENCE PURPOSES ONLY



# MLV- 21 Location Map

## MP 311.1

SEC. 28, T 39 N, R 58 E, ELKO COUNTY, NEVADA



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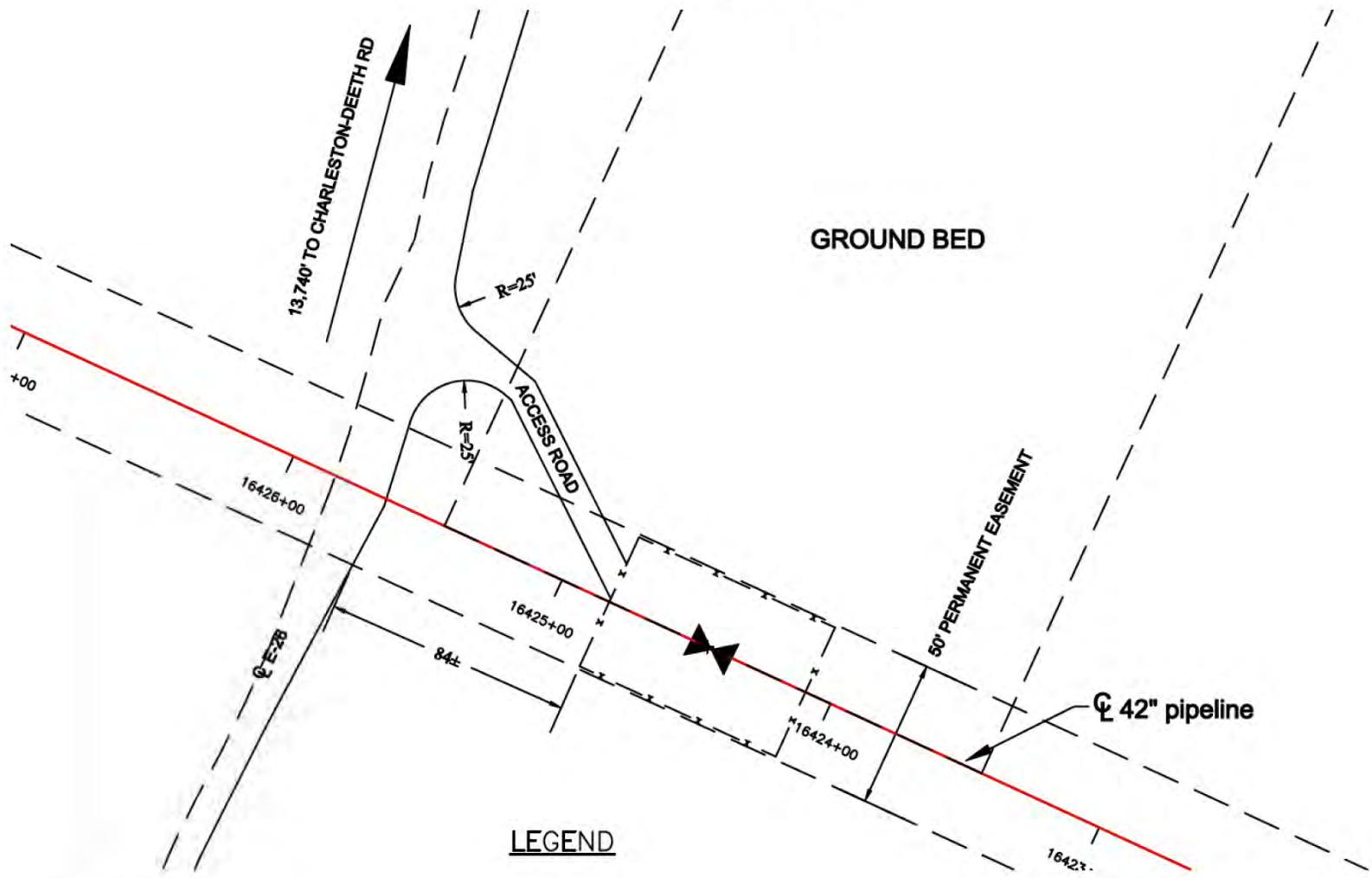
SCALE: 1" = 2000'



NOTE: FOR REFERENCE PURPOSES ONLY



# MLV- 21 Site Plan Detail MP 311.1



## LEGEND

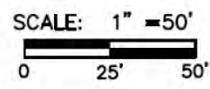


Valve



Fence

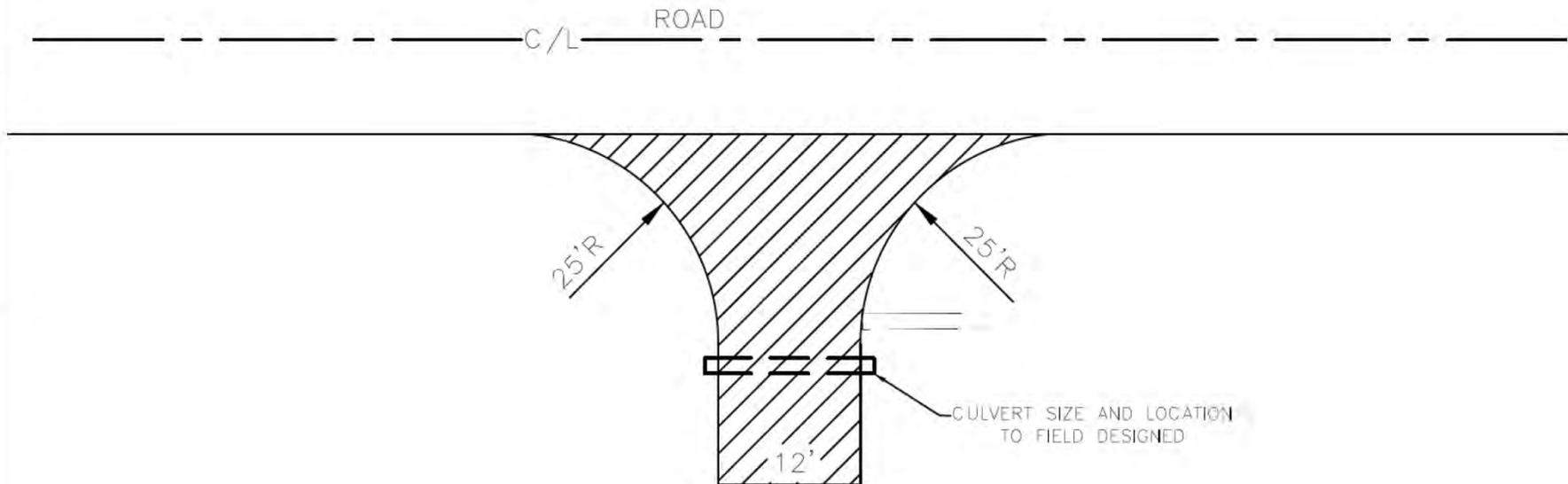
NOTE: FOR REFERENCE PURPOSES ONLY



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Prepared by: M. Wharton (08-26-11)

# TYPICAL APPROACH DETAIL FOR MAIN LINE VALVES



Scale : None



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Prepared by: L. Puerta (04-05-11)

### Note:

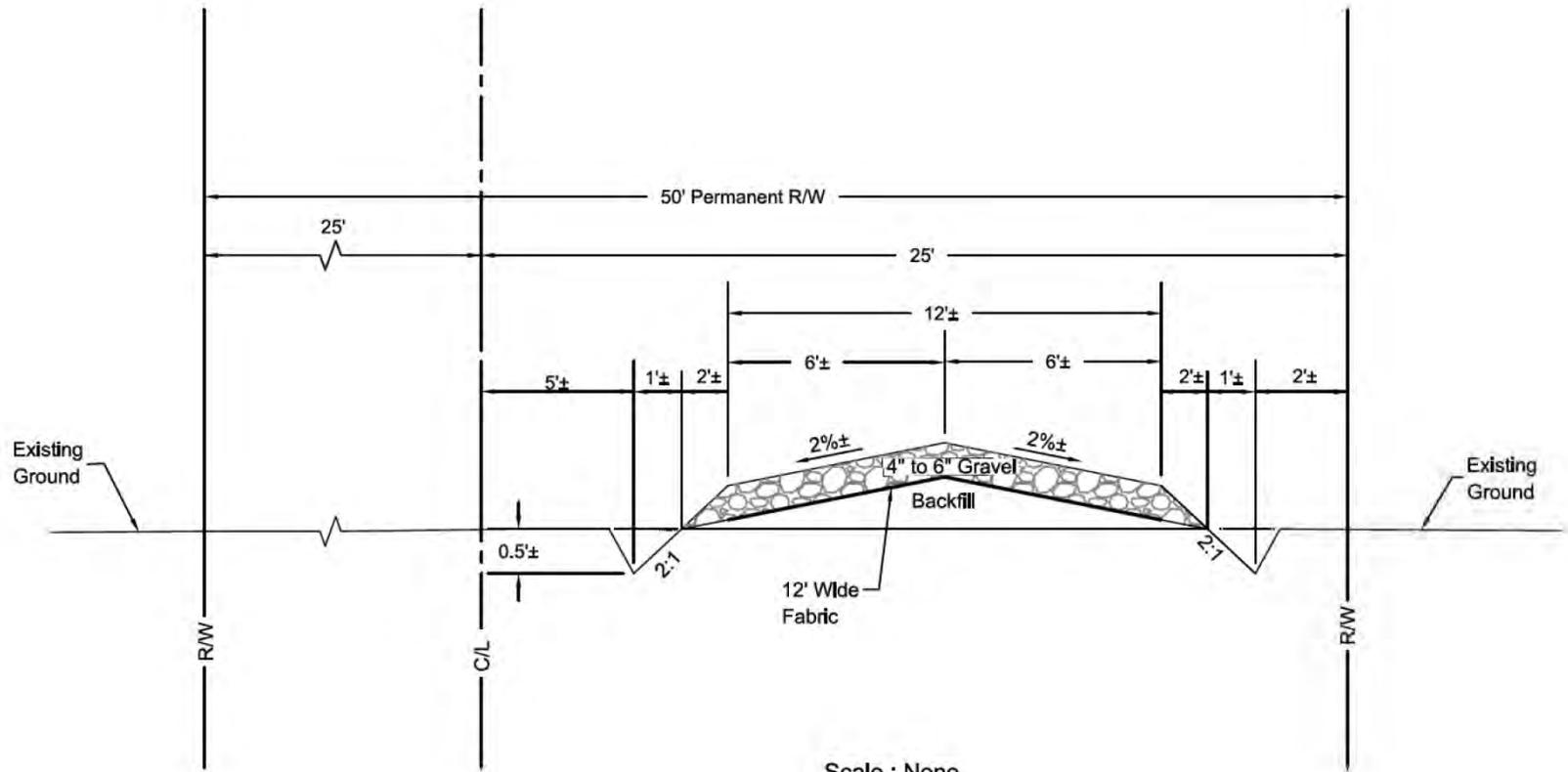
1. Dimensions are subject to change during construction.

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Sheet 4 of 5

# TYPICAL ACCESS ROAD DETAIL FOR MAIN LINE VALVES



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Prepared by: L. Puerta (04-05-11)

## Note:

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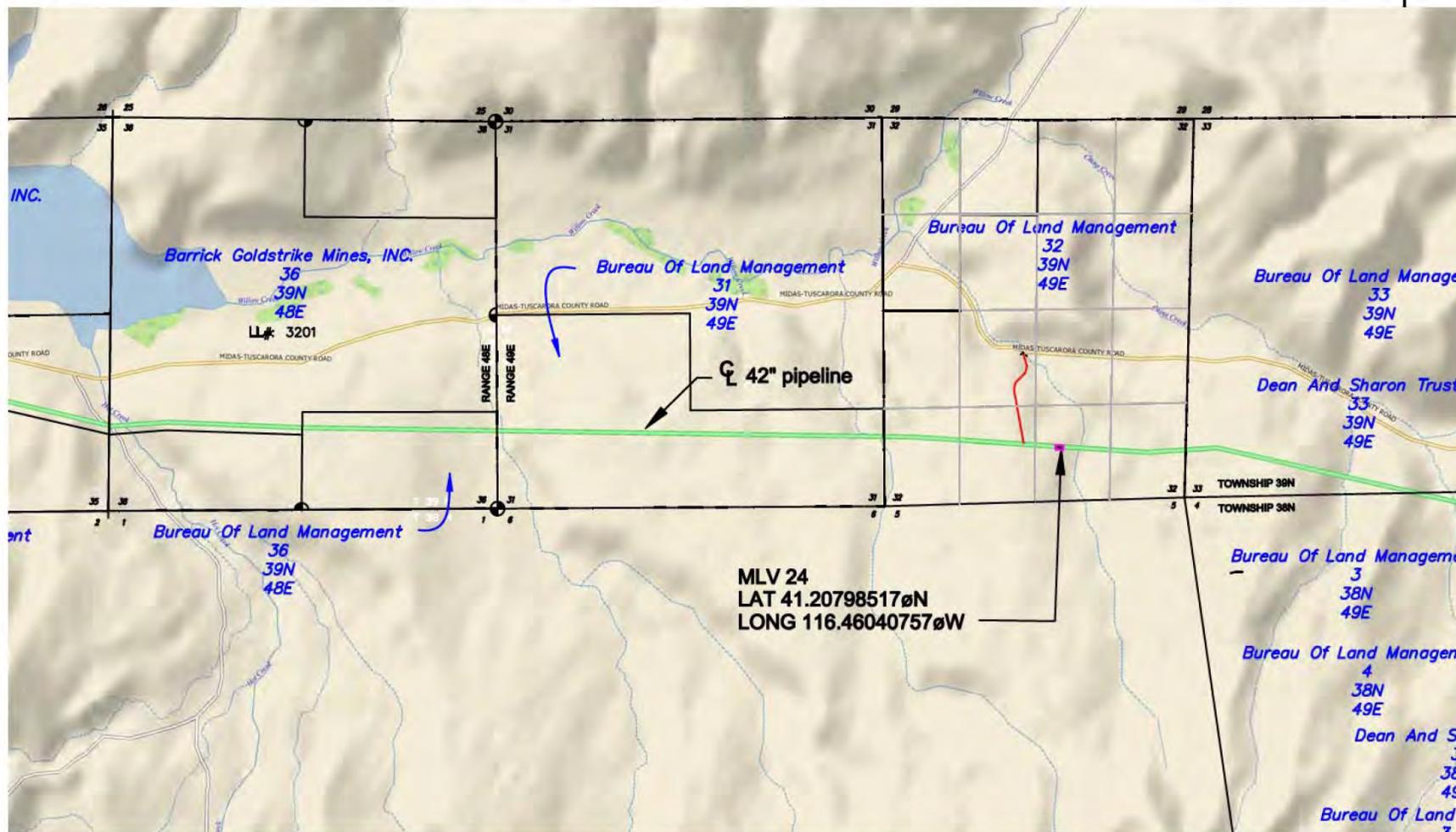
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Sheet 5 of 5

# MLV- 24 Location Map

## MP 365.7

### SEC. 32, T 39 N, R 49 E, ELKO COUNTY, NEVADA



MLV 24  
 LAT 41.20798517°N  
 LONG 116.46040757°W

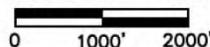
NOTE: FOR REFERENCE PURPOSES ONLY



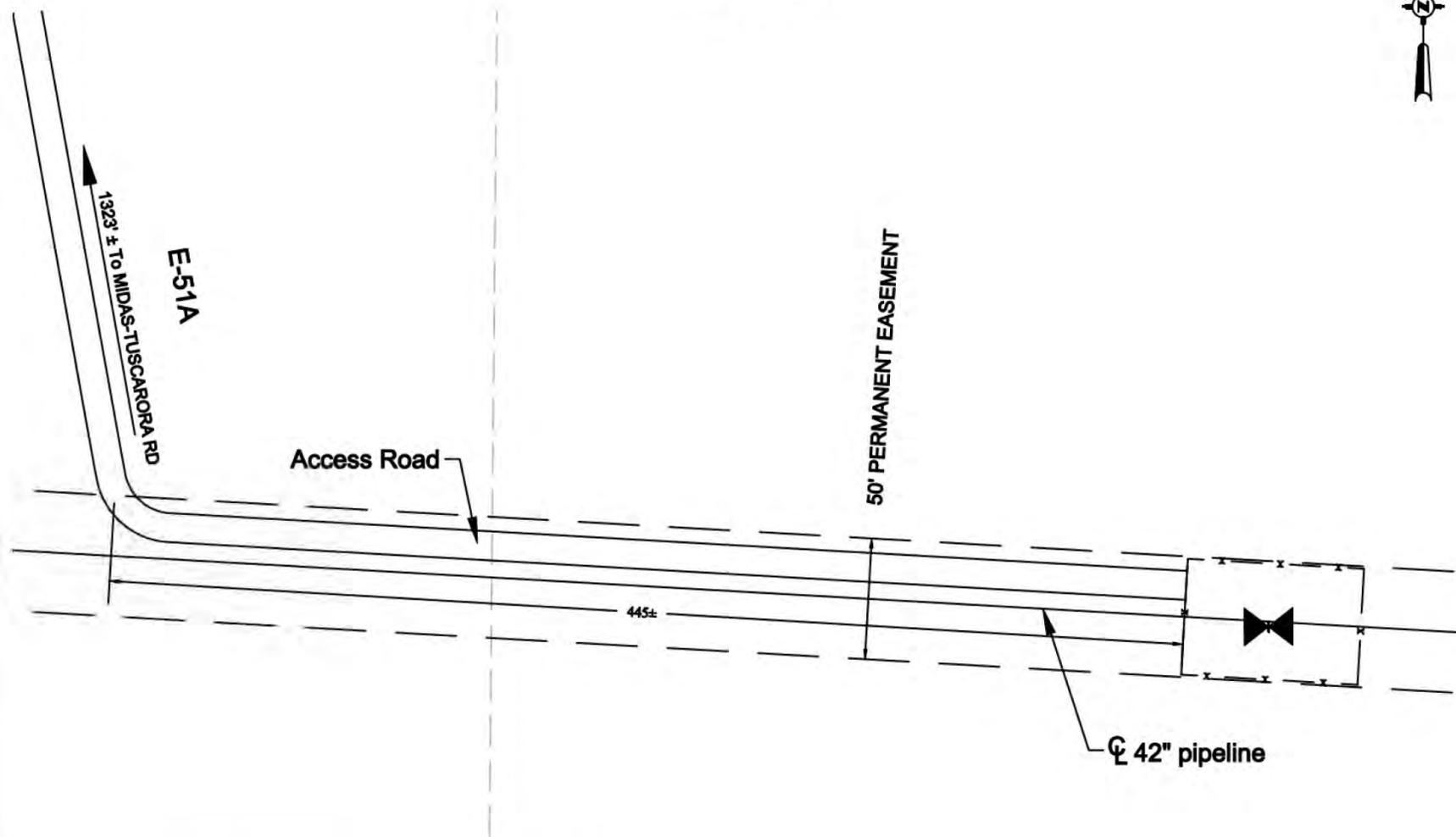
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Prepared by: M. Wharton (08-26-11)

SCALE: 1" = 2000'



# MLV- 24 Site Plan Detail MP 365.7



### LEGEND

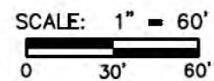


Valve



Fence

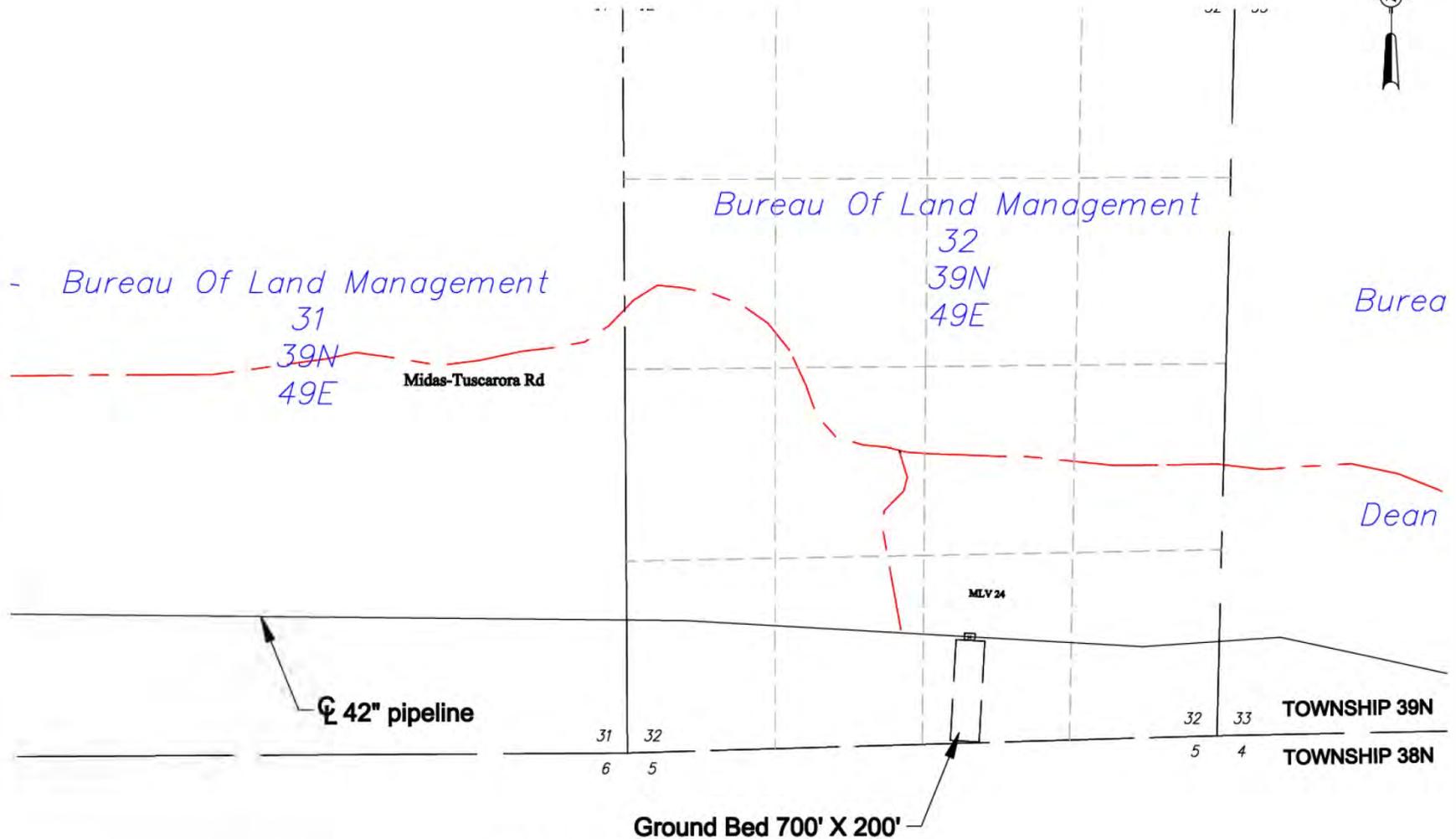
NOTE: FOR REFERENCE PURPOSES ONLY



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Prepared by: M. Wharton (08-26-11)

# MLV- 24 Ground Bed Detail MP 365.7



### LEGEND



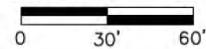
Valve



Fence

NOTE: FOR REFERENCE PURPOSES ONLY

SCALE: 1" = 60'

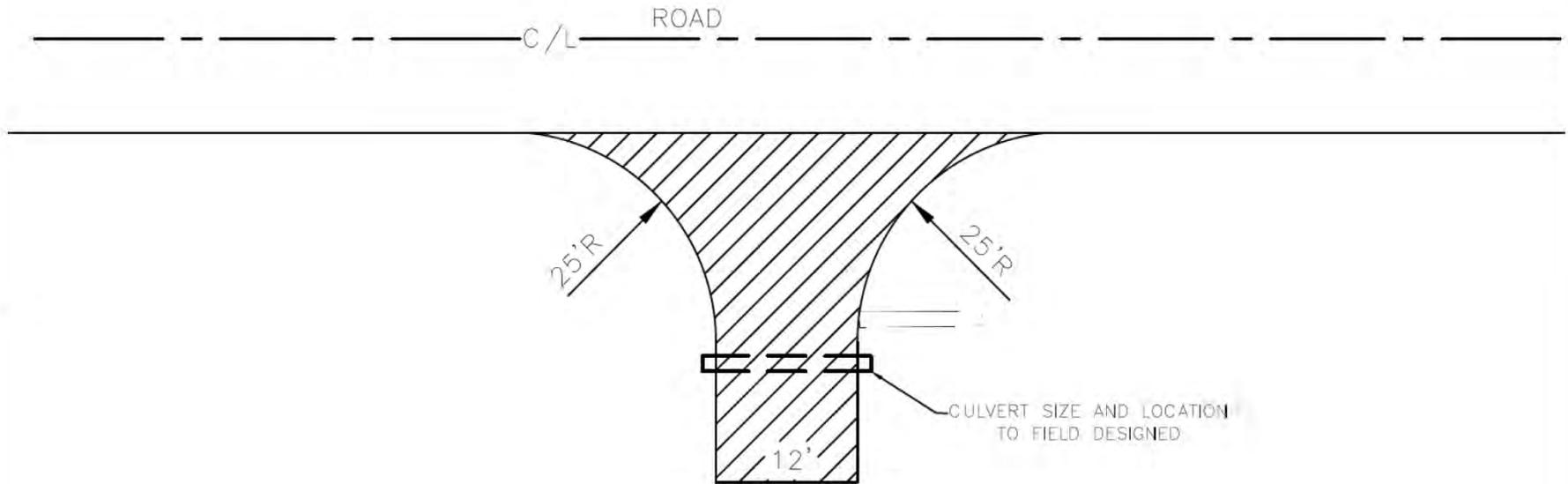


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Duluth, MN 55802  
218-722-8211

Prepared by: M. Wharton (08-26-11)



# TYPICAL APPROACH DETAIL FOR MAIN LINE VALVES



Scale : None



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218-722-8211

Prepared by: L. Puerta (04-05-11)

### Note:

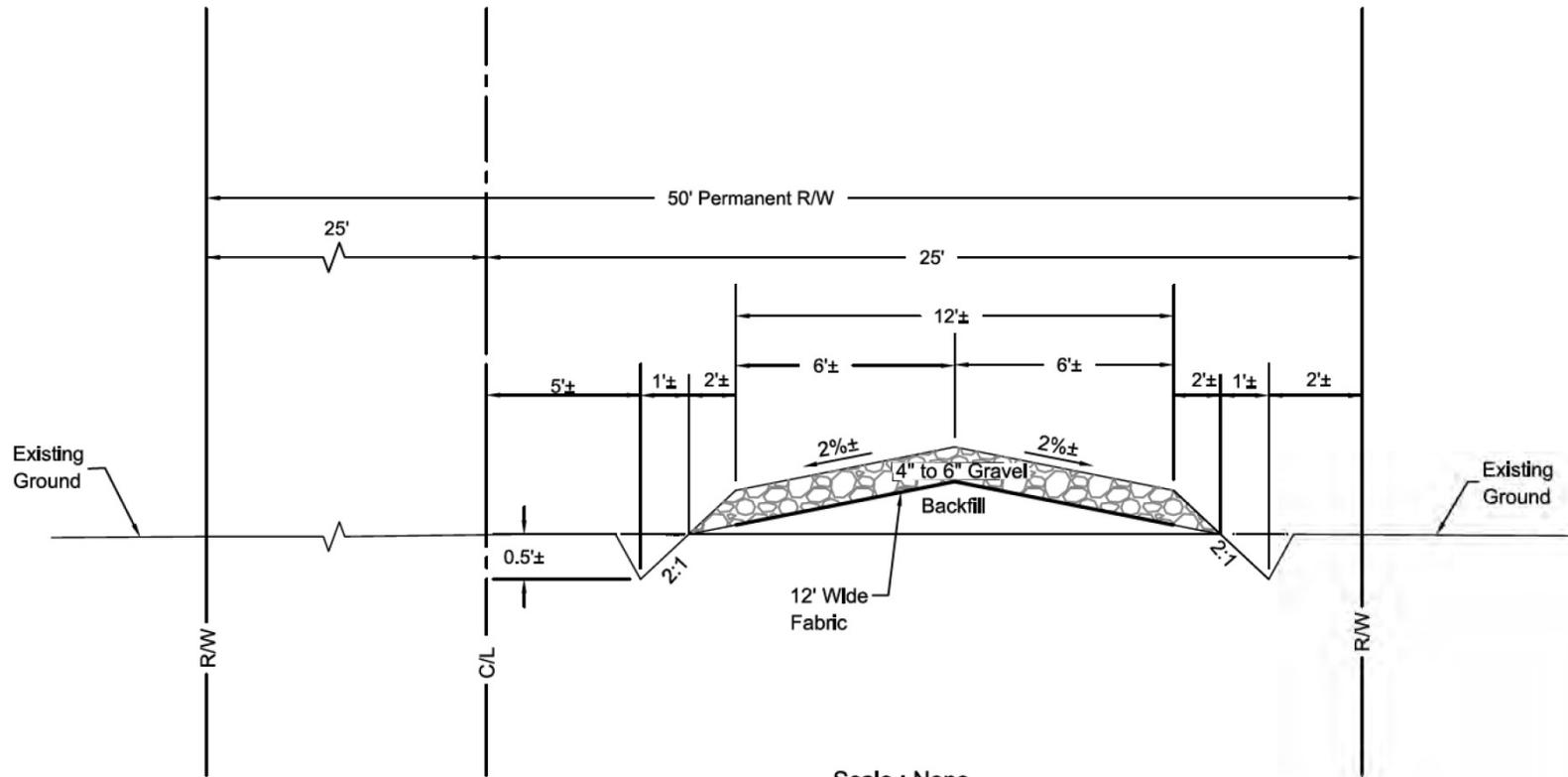
1. Dimensions are subject to change during construction.

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# TYPICAL ACCESS ROAD DETAIL FOR MAIN LINE VALVES



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Prepared by: L. Puerto (04-05-11)

**Note:**

1. Dimensions are subject to change during construction.

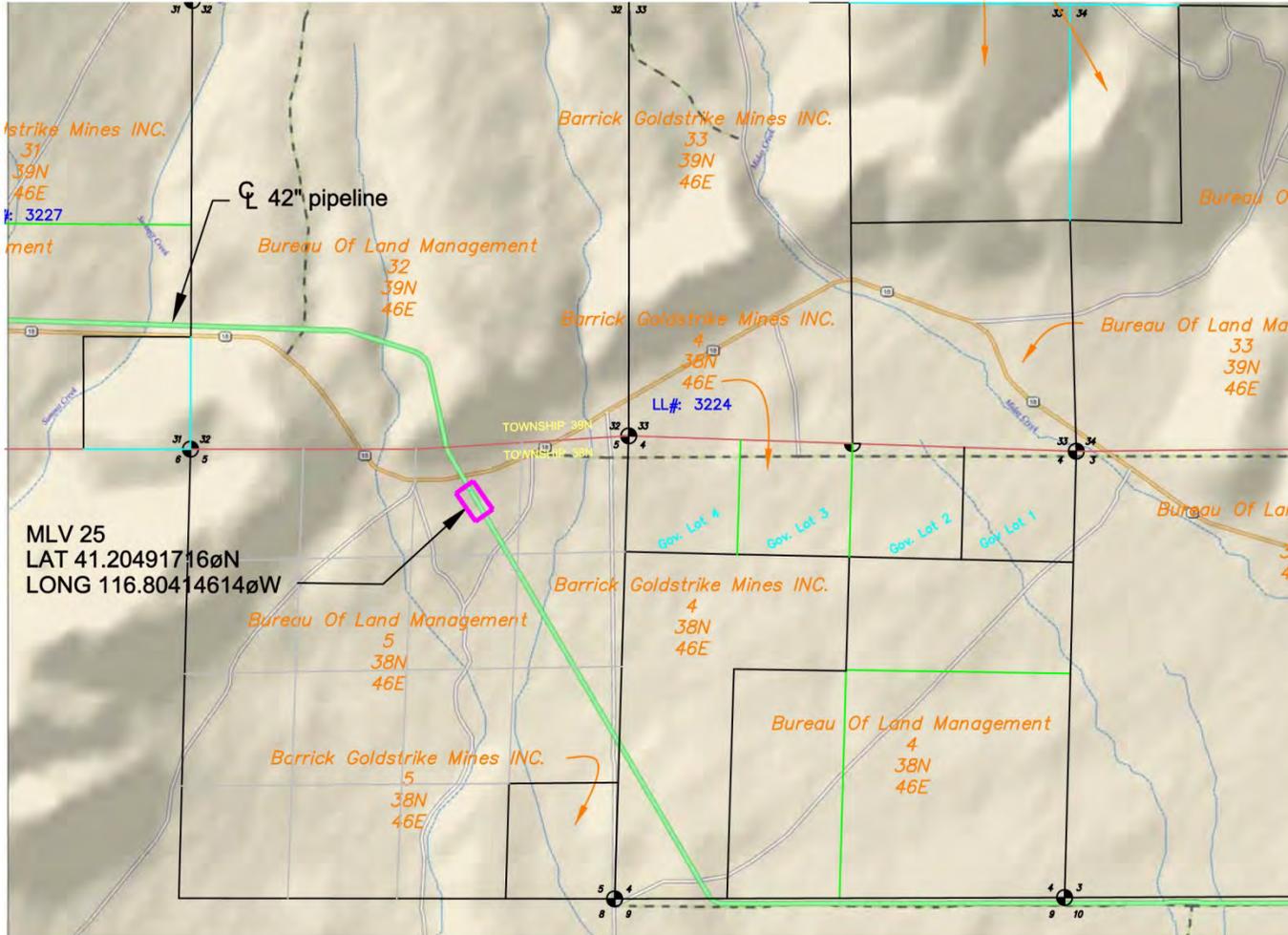
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Sheet 5 of 5

# MLV- 25 Location Map MP 385.3

SEC. 5, T 38 N, R 46 E, ELKO COUNTY, NEVADA



MLV 25  
LAT 41.204917160N  
LONG 116.804146140W



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Prepared by: M. Wharton (08-26-11)

SCALE: 1" = 2000'  
0 1000' 2000'

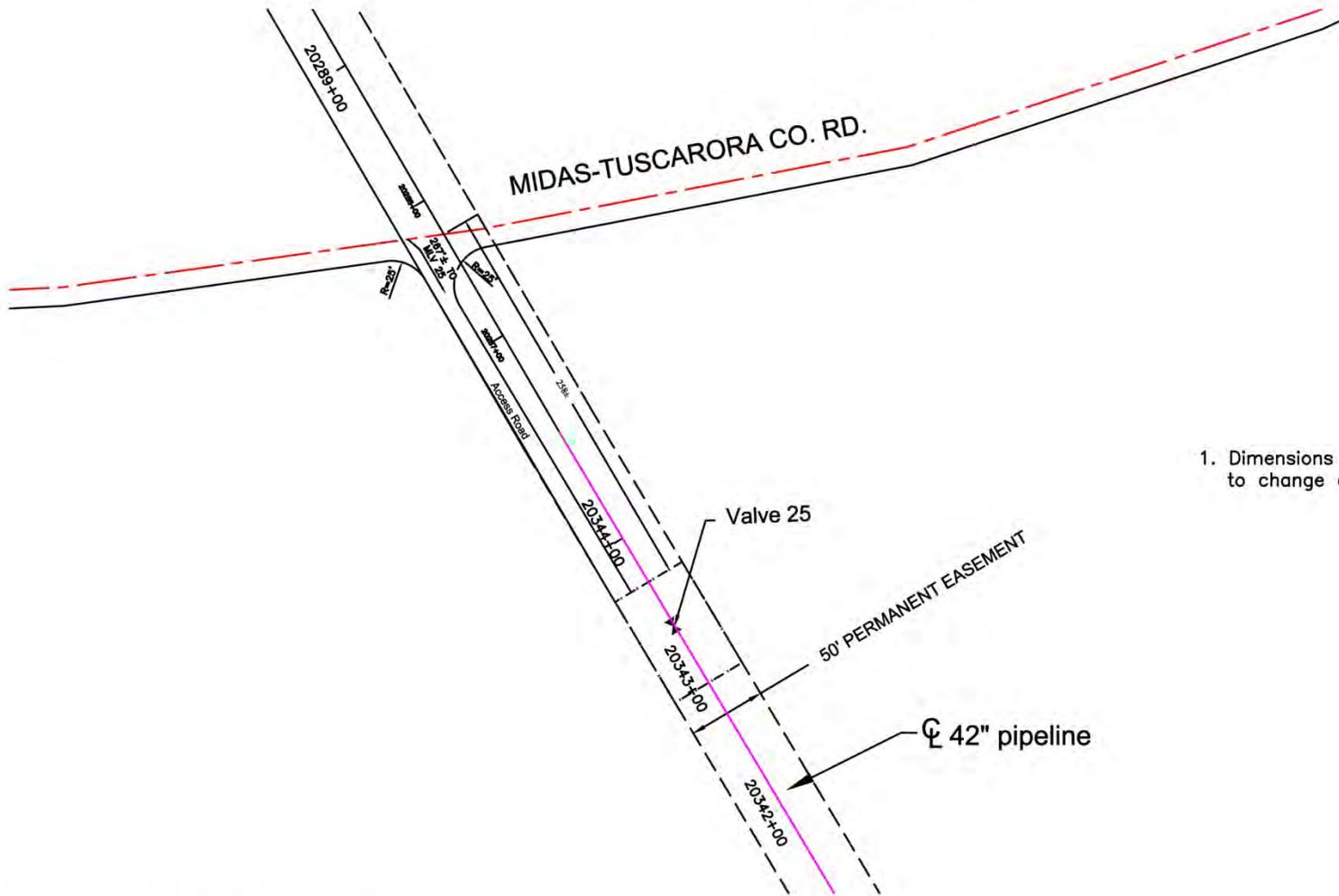
NOTE: FOR REFERENCE PURPOSES ONLY

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# MLV- 25 Site Plan Detail MP 385.3



SCALE: 1" = 100'



### Note

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*Prepared by: M. Wharton (08-26-11)*

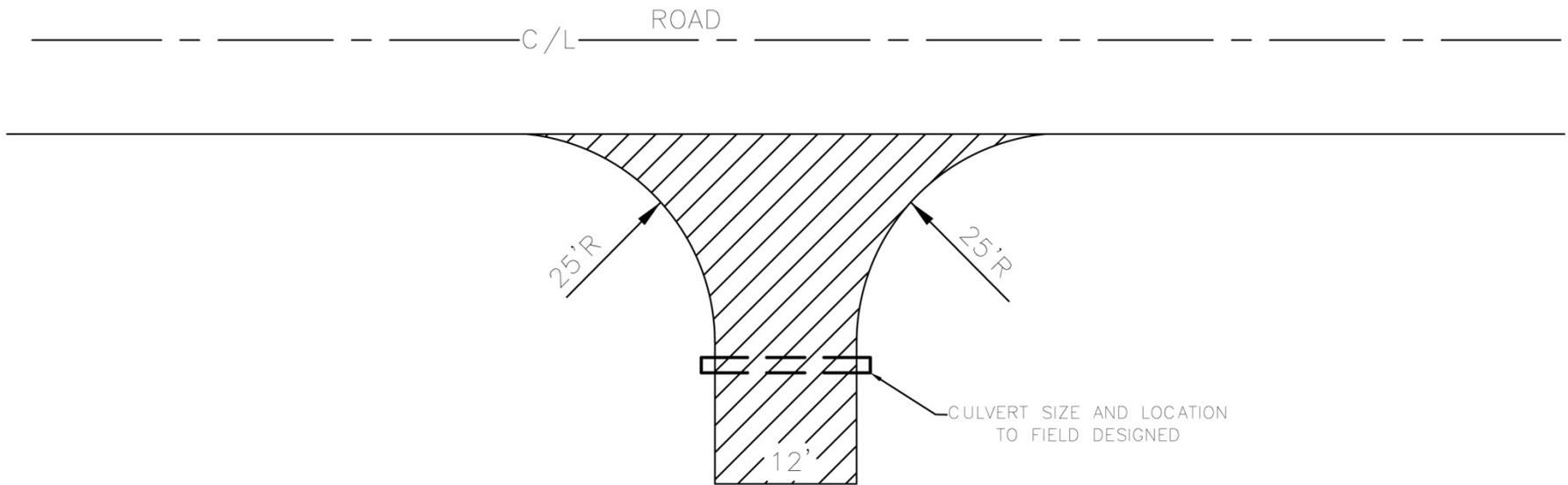
### LEGEND

- Valve
- Fence

FOR REFERENCE PURPOSES ONLY

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# TYPICAL APPROACH DETAIL FOR MAIN LINE VALVES



Scale : None



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218-722-8211

Prepared by: L. Puerta (04-05-11)

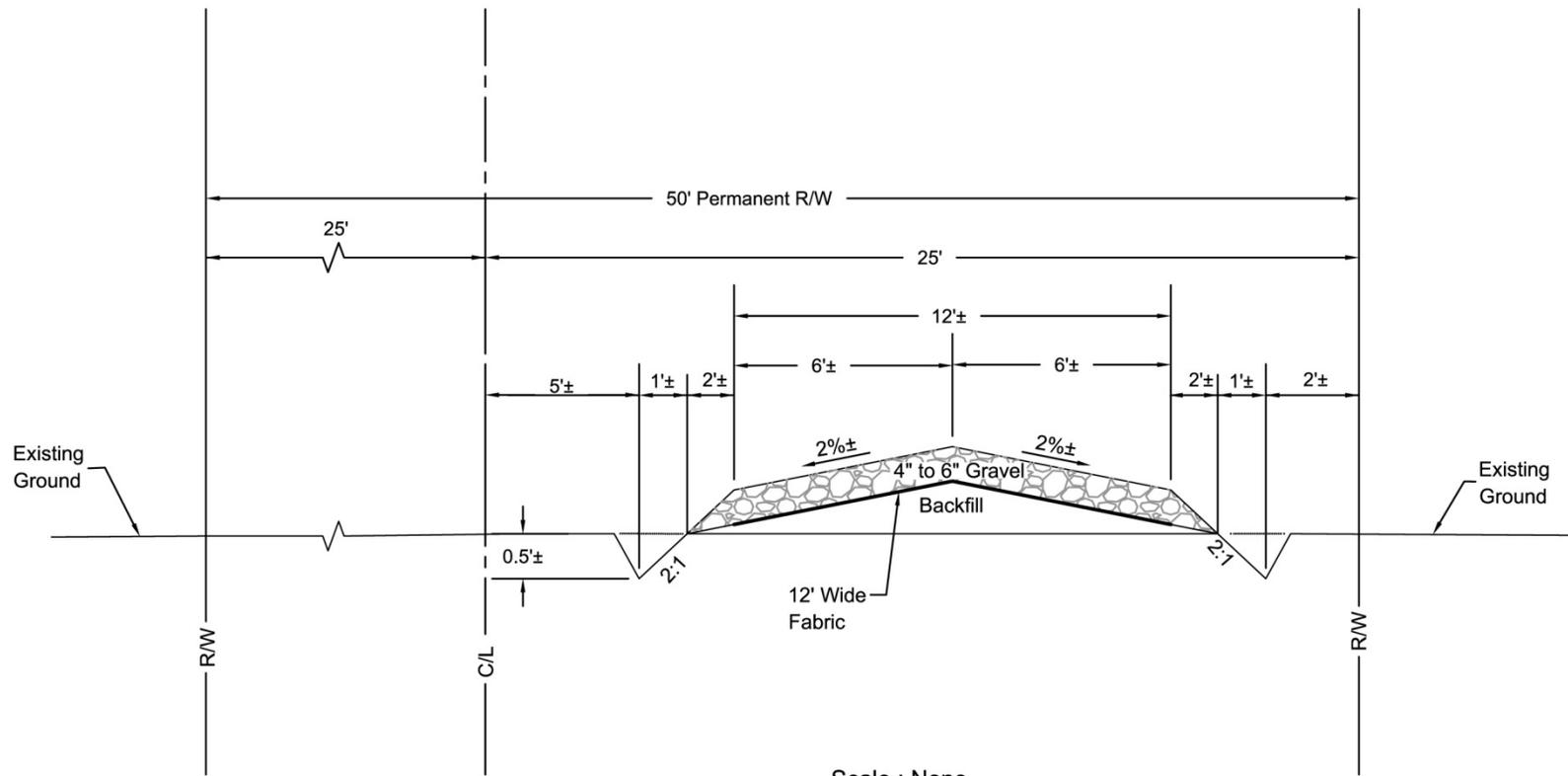
## Note:

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FOR REFERENCE PURPOSES ONLY



# TYPICAL ACCESS ROAD DETAIL FOR MAIN LINE VALVES



**Note:**

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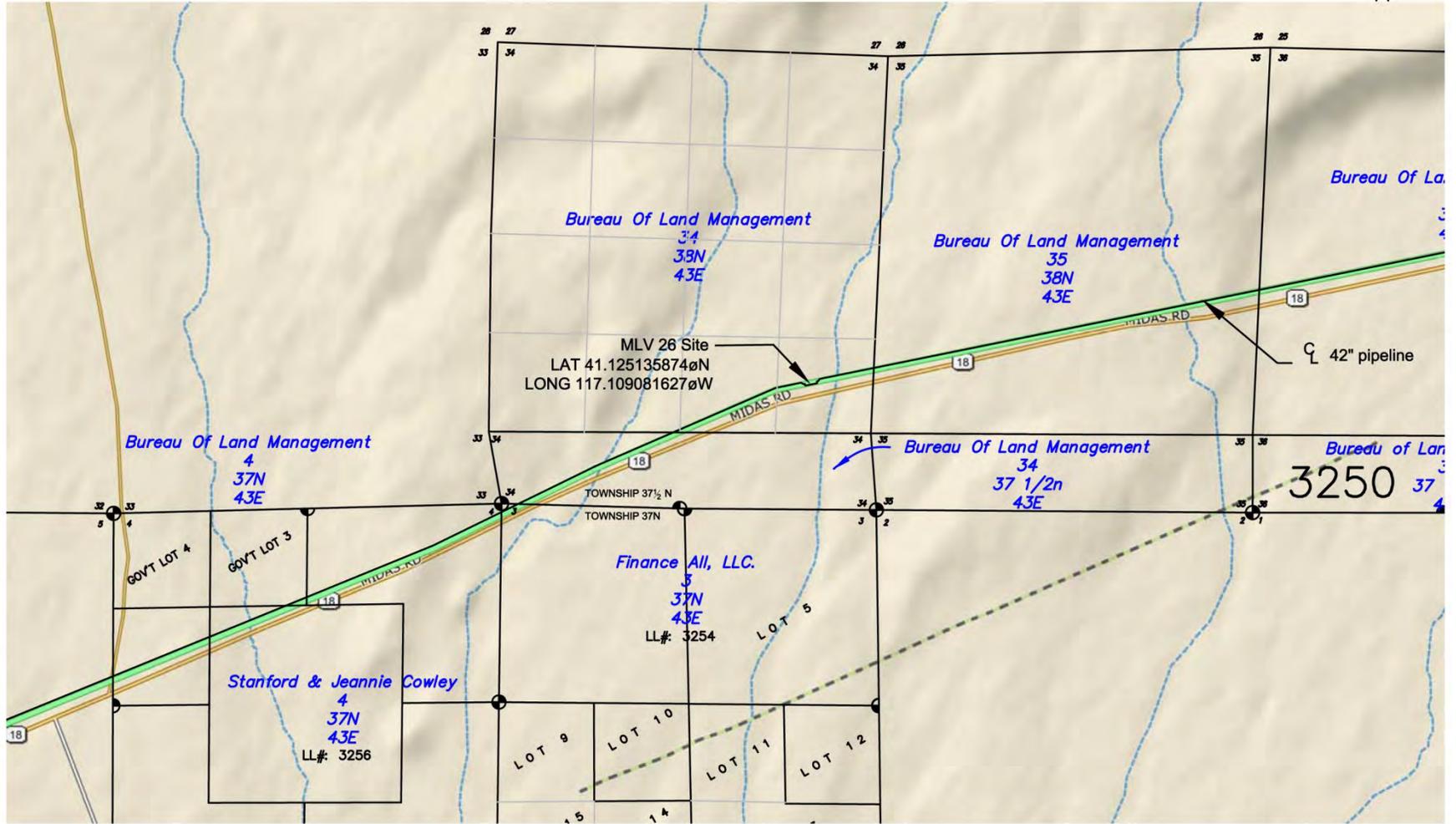
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# MLV- 26 Location Map

## MP 401.8

SEC. 34, T 38 N, R 43 E, HUMBOLDT COUNTY, NEVADA



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Prepared by: M. Wharton (08-26-11)

SCALE: 1" = 2000'



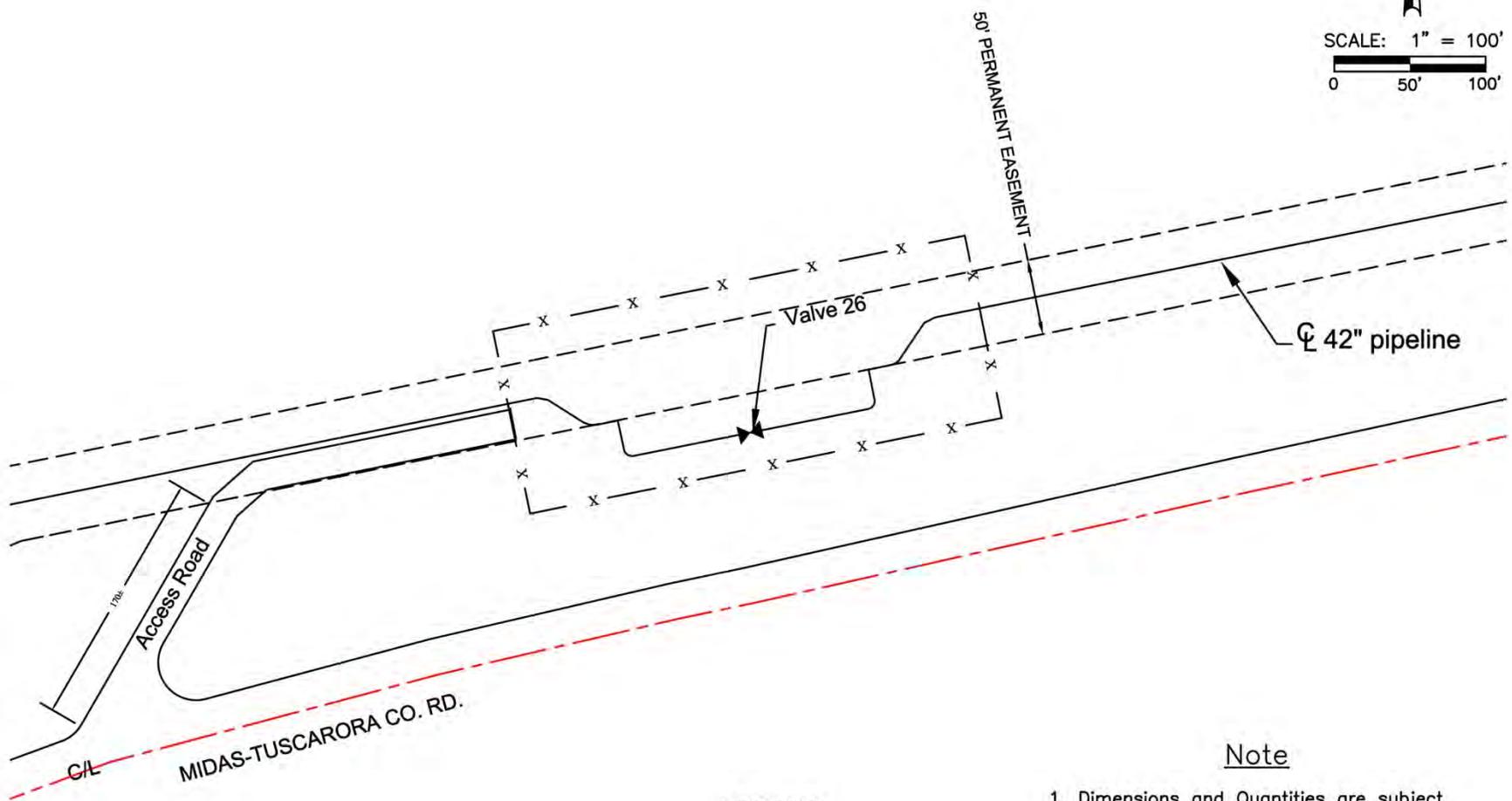
NOTE: FOR REFERENCE PURPOSES ONLY



# MLV- 26 Site Plan Detail MP 401.8



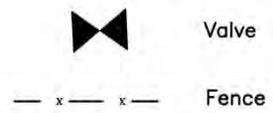
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Note

1. Dimensions and Quantities are subject to change during construction.

LEGEND



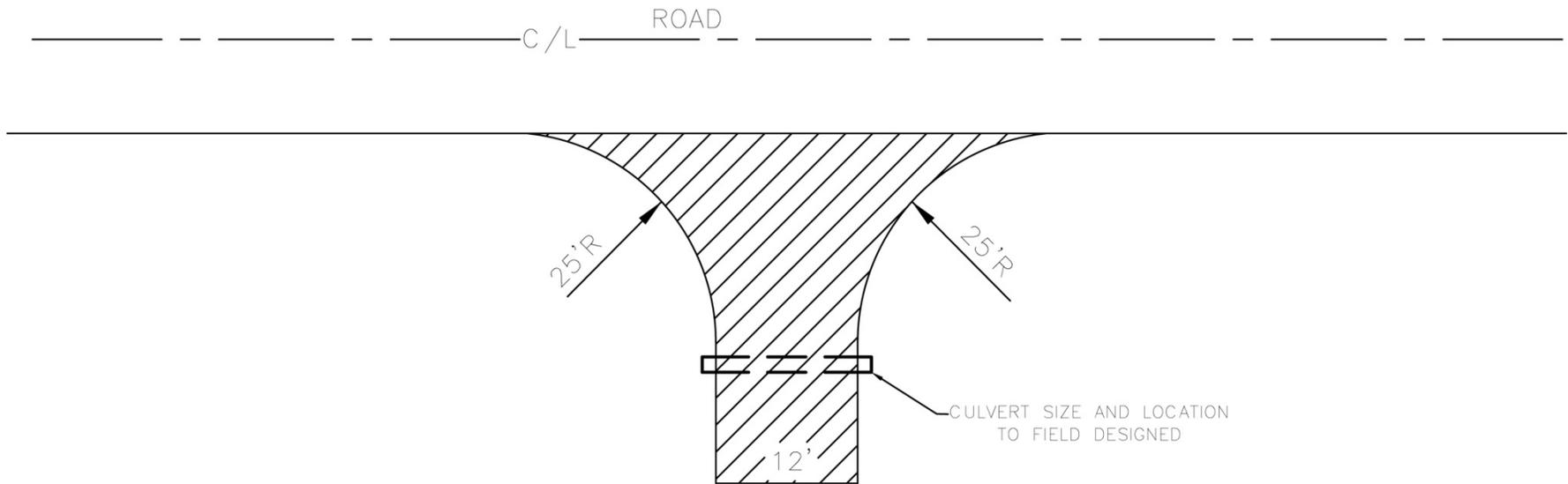
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# TYPICAL APPROACH DETAIL FOR MAIN LINE VALVES



Scale : None



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218-722-8211

Prepared by: L. Puerta (04-05-11)

### Note:

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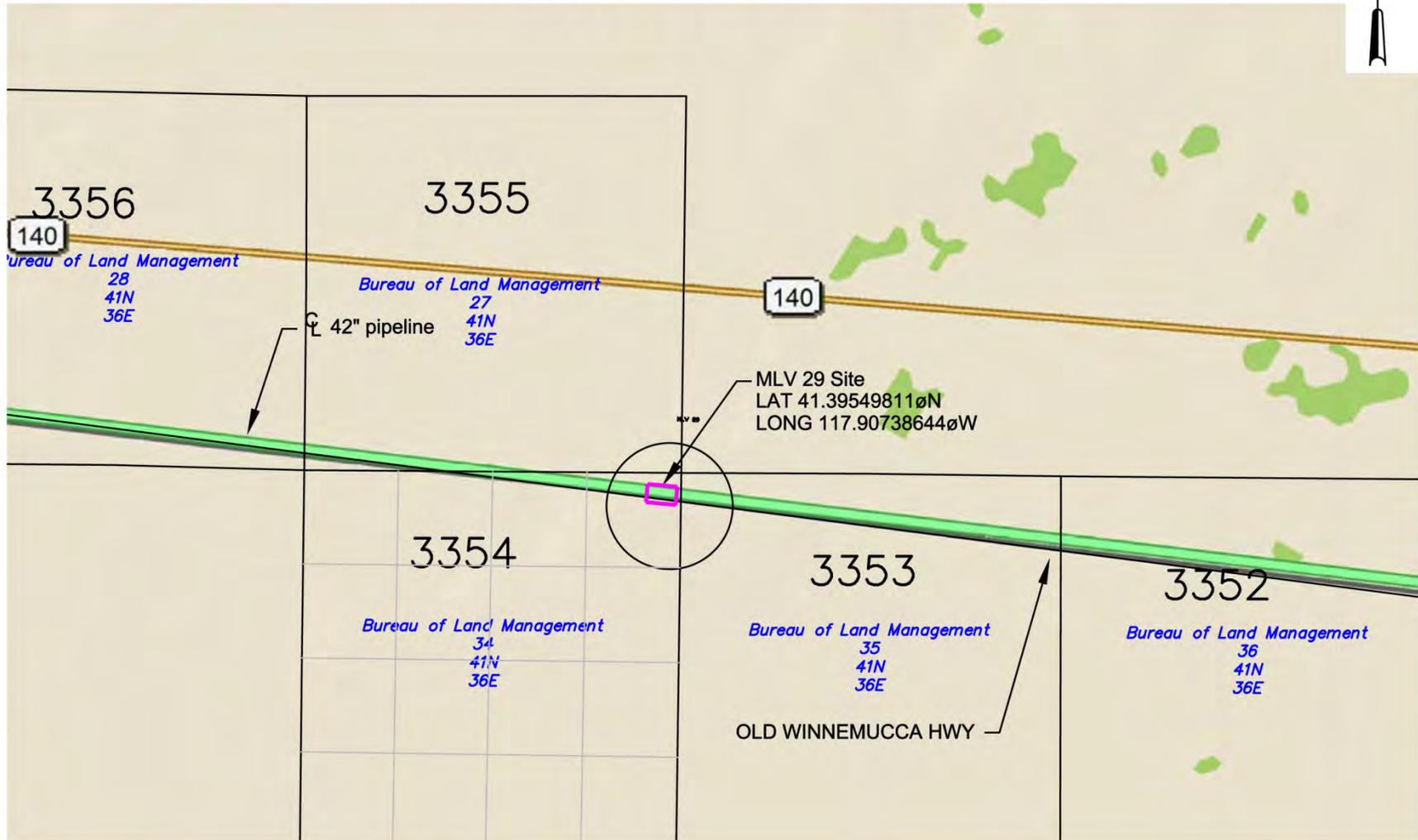




# MLV- 29 Location Map

## MP 456.9

SEC. 34, T 41 N, R 36 E, HUMBOLDT COUNTY, NEVADA



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Prepared by: M. Wharton (08-26-11)

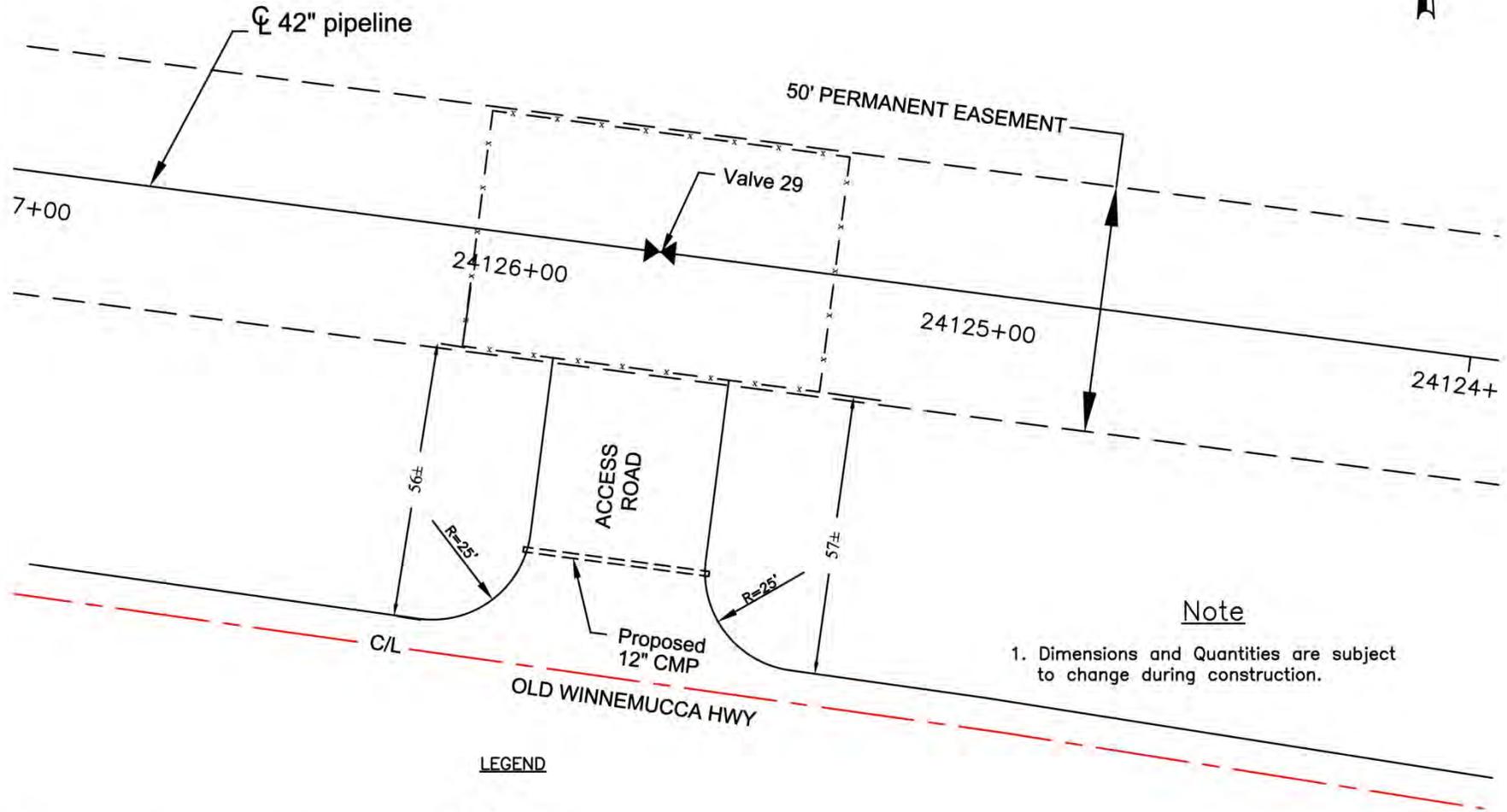
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NOTE: FOR REFERENCE PURPOSES ONLY



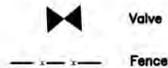
# MLV- 29 Site Plan Detail MP 456.9



### Note

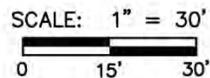
1. Dimensions and Quantities are subject to change during construction.

### LEGEND



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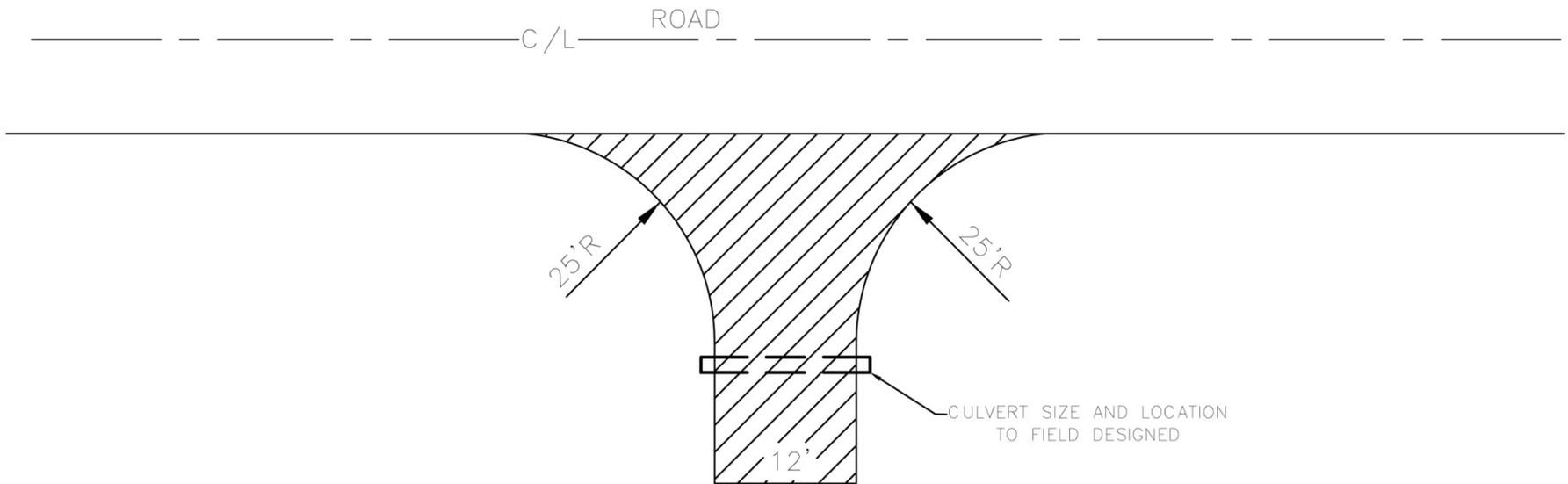
Prepared by: M. Wharton (08-26-11)



NOTE: FOR REFERENCE PURPOSES ONLY



# TYPICAL APPROACH DETAIL FOR MAIN LINE VALVES



Scale : None



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Prepared by: L. Puerta (04-05-11)

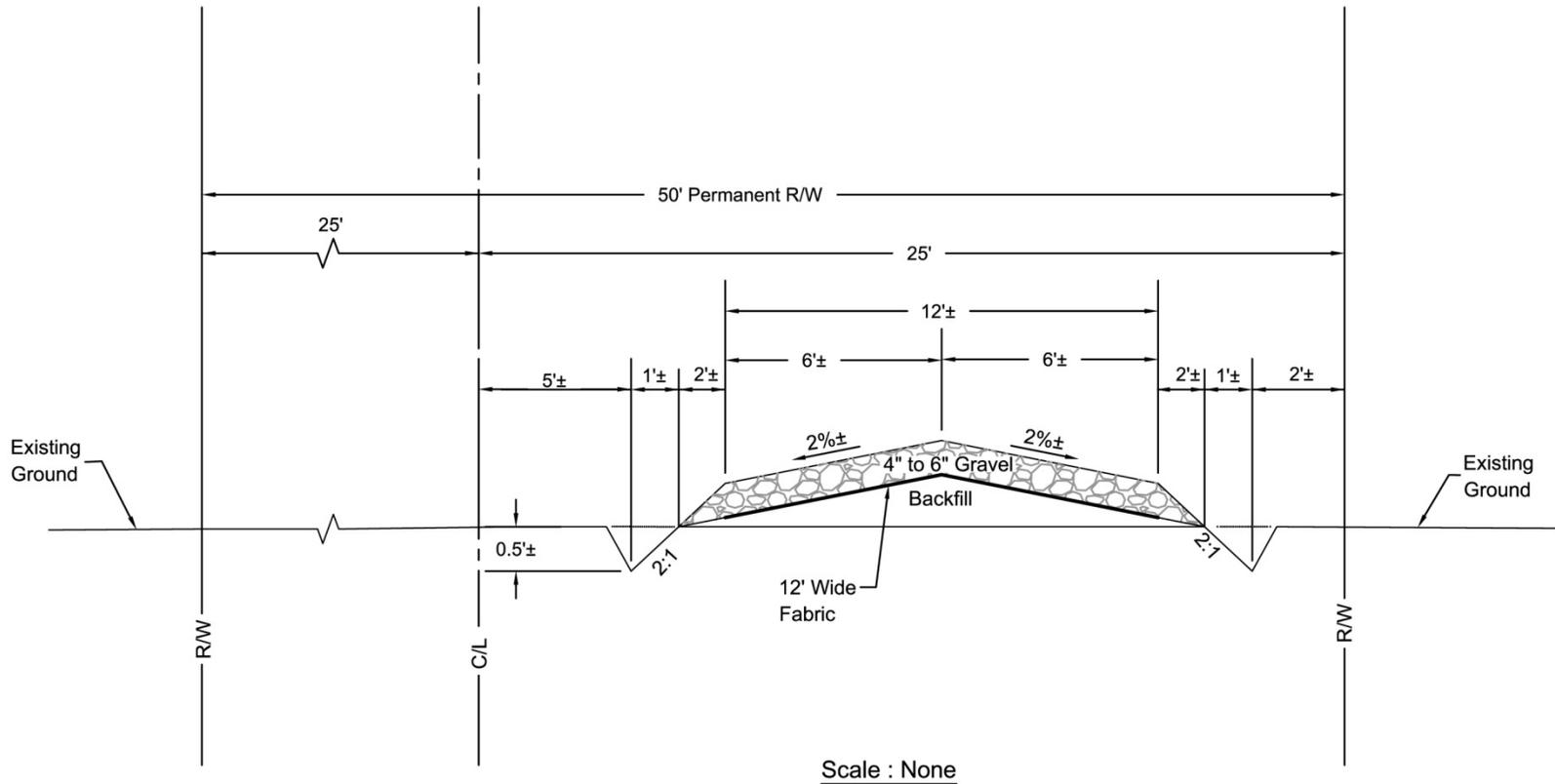
## Note:

1. Dimensions are subject to change during construction.

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# TYPICAL ACCESS ROAD DETAIL FOR MAIN LINE VALVES



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Prepared by: L. Puerta (04-05-11)

**Note:**

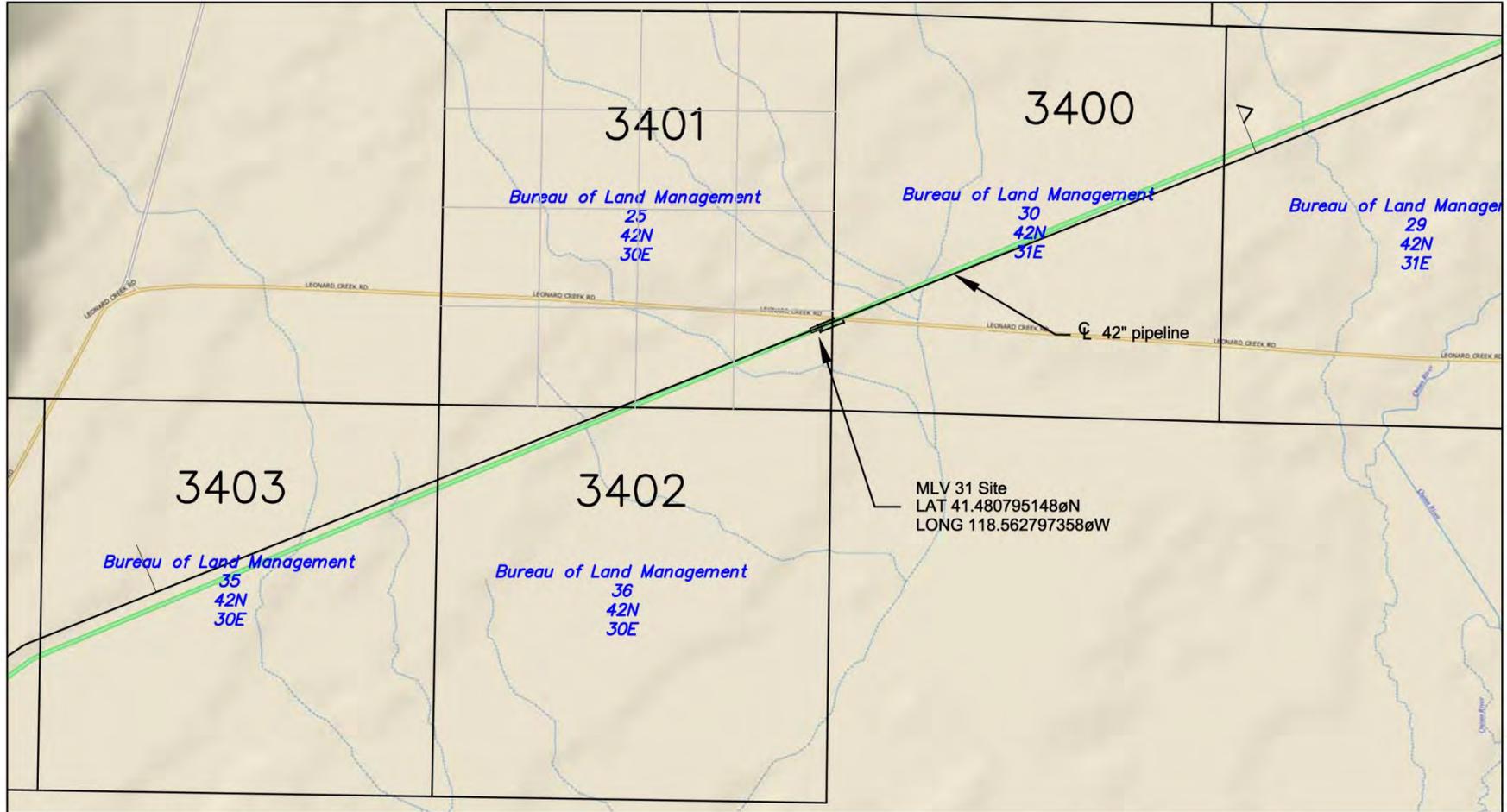
1. Dimensions are subject to change during construction.

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# MLV- 31 Location Map MP 493.2

SEC. 25, T 42 N, R 30 E, HUMBOLDT COUNTY, NEVADA



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M. Wharton (08-26-11)

SCALE: 1" = 2000'



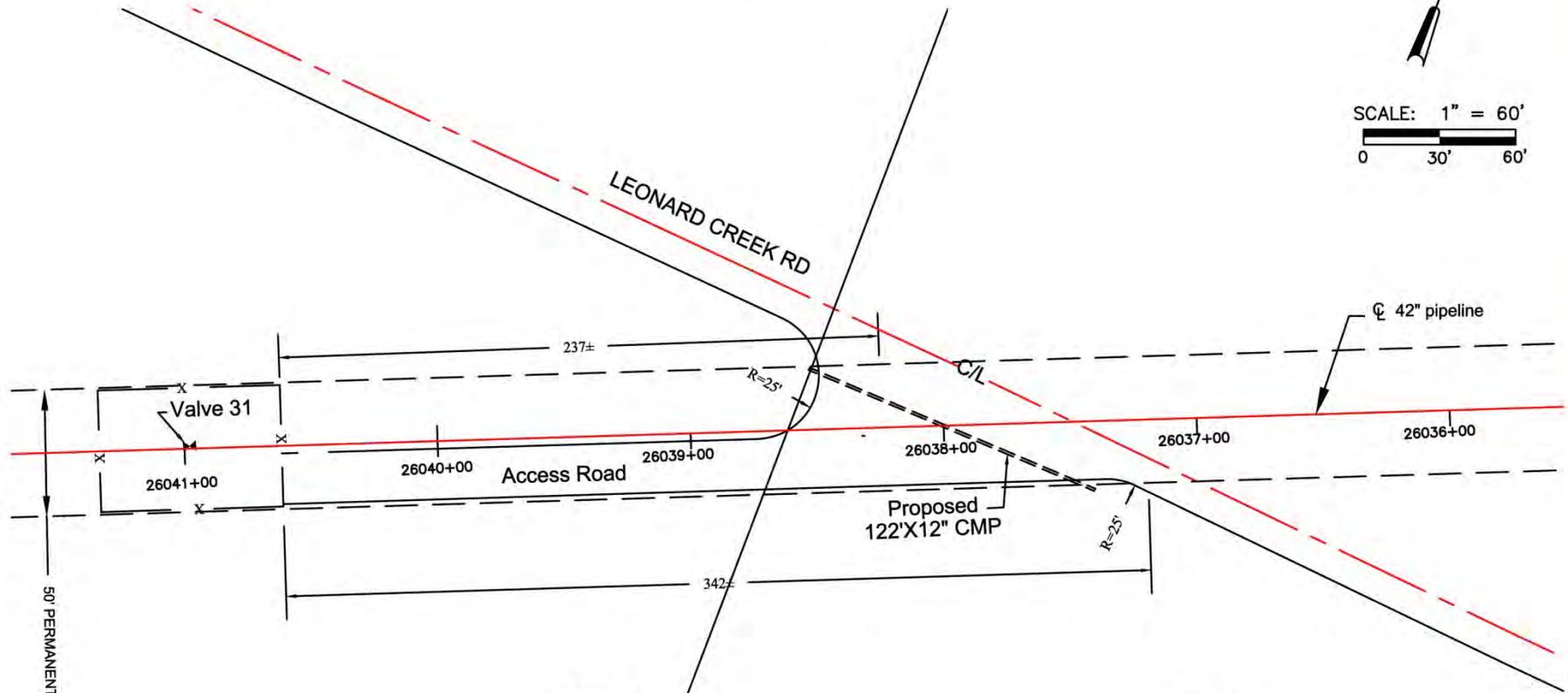
FOR REFERENCE PURPOSES ONLY

**RUBY PIPELINE LLC**

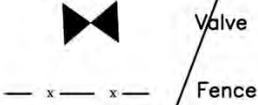
# MLV- 31 Site Plan Detail MP 493.2



SCALE: 1" = 60'  
0 30' 60'



### LEGEND



### Note

1. Dimensions and Quantities are subject to change during construction.



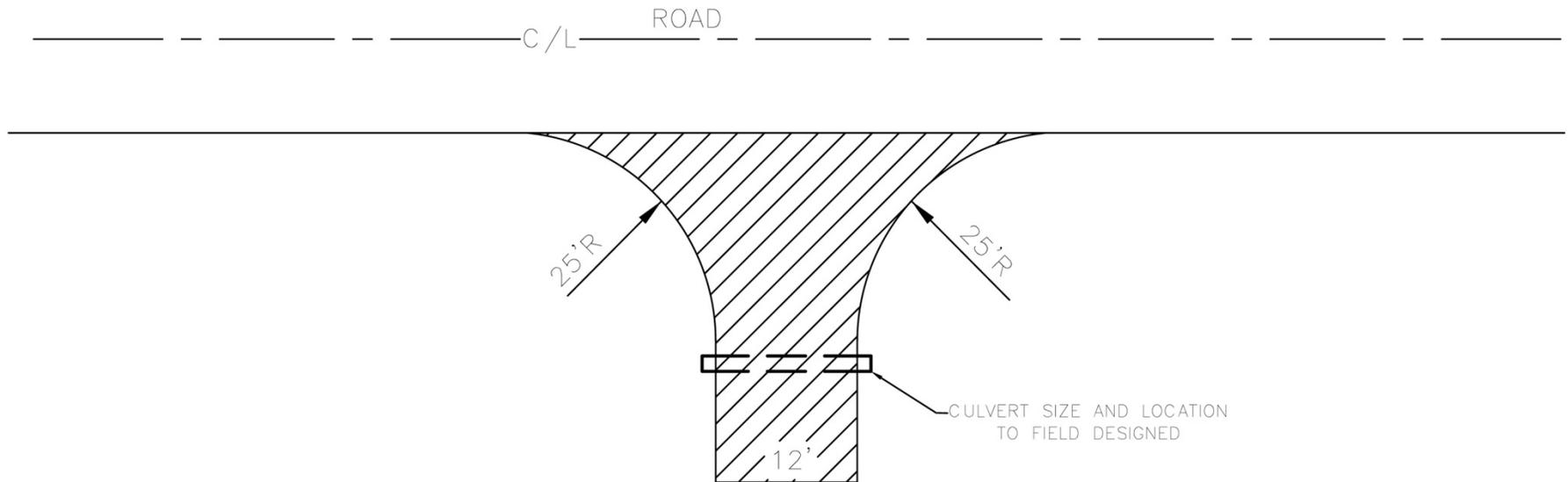
**L.W. Survey Engineering & Design Co.**  
1 East First Street, Suite 201  
Duluth, MN 55802  
218-722-8211

M. Wharton (08-26-11)

FOR REFERENCE PURPOSES ONLY

**RUBY PIPELINE LLC**

# TYPICAL APPROACH DETAIL FOR MAIN LINE VALVES



Scale : None



**L.W. Survey Engineering & Design Co.**  
1 East First Street, Suite 201  
Duluth, MN 55802  
218-722-8211

Prepared by: L. Puerta (04-05-11)

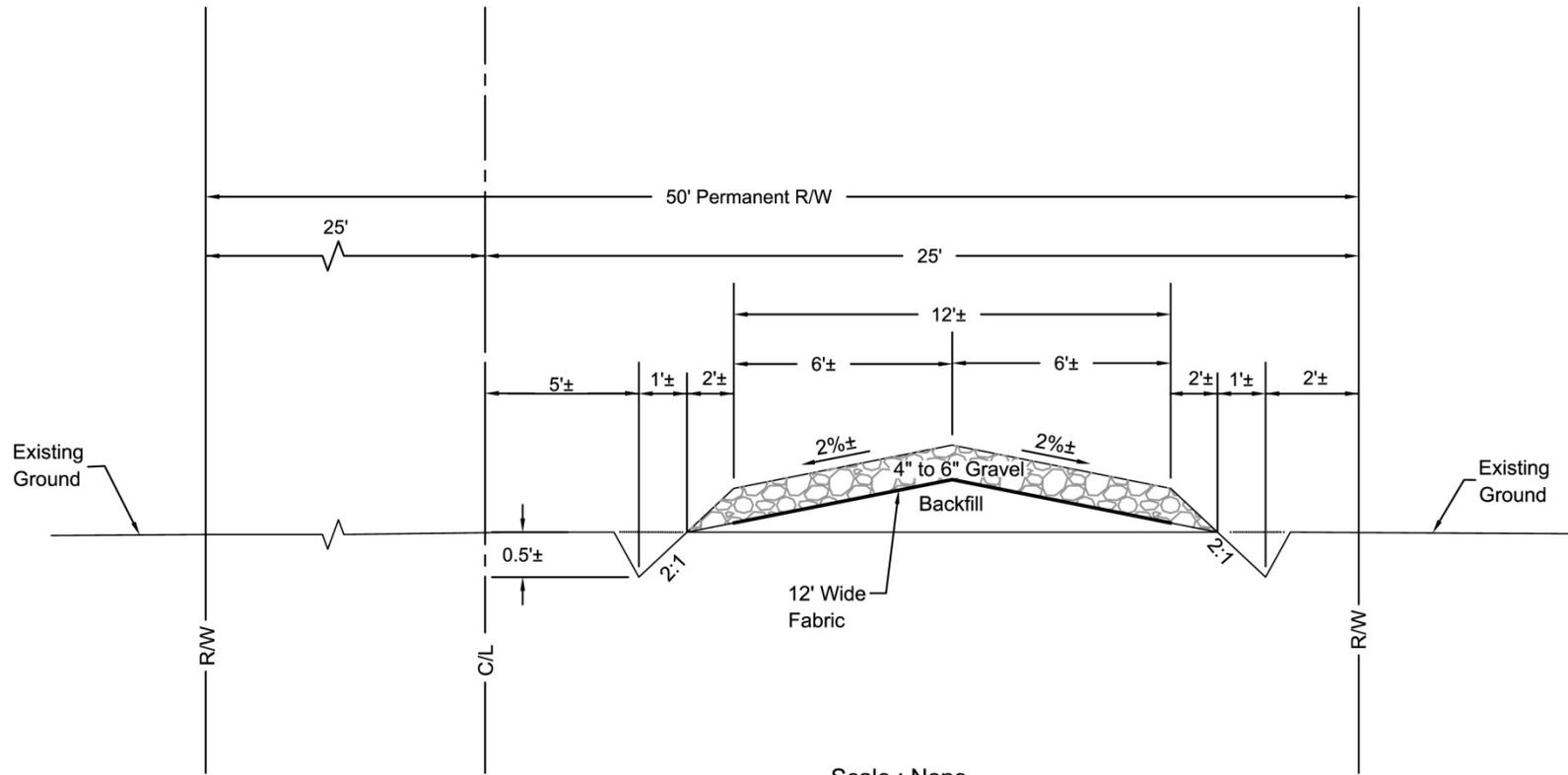
### Note:

1. Dimensions are subject to change during construction.

FOR REFERENCE PURPOSES ONLY



# TYPICAL ACCESS ROAD DETAIL FOR MAIN LINE VALVES



**L.W. Survey Engineering & Design Co.**  
 1 East First Street, Suite 201  
 Duluth, MN 55802  
 218-722-8211

Prepared by: L. Puerta (04-05-11)

**Note:**

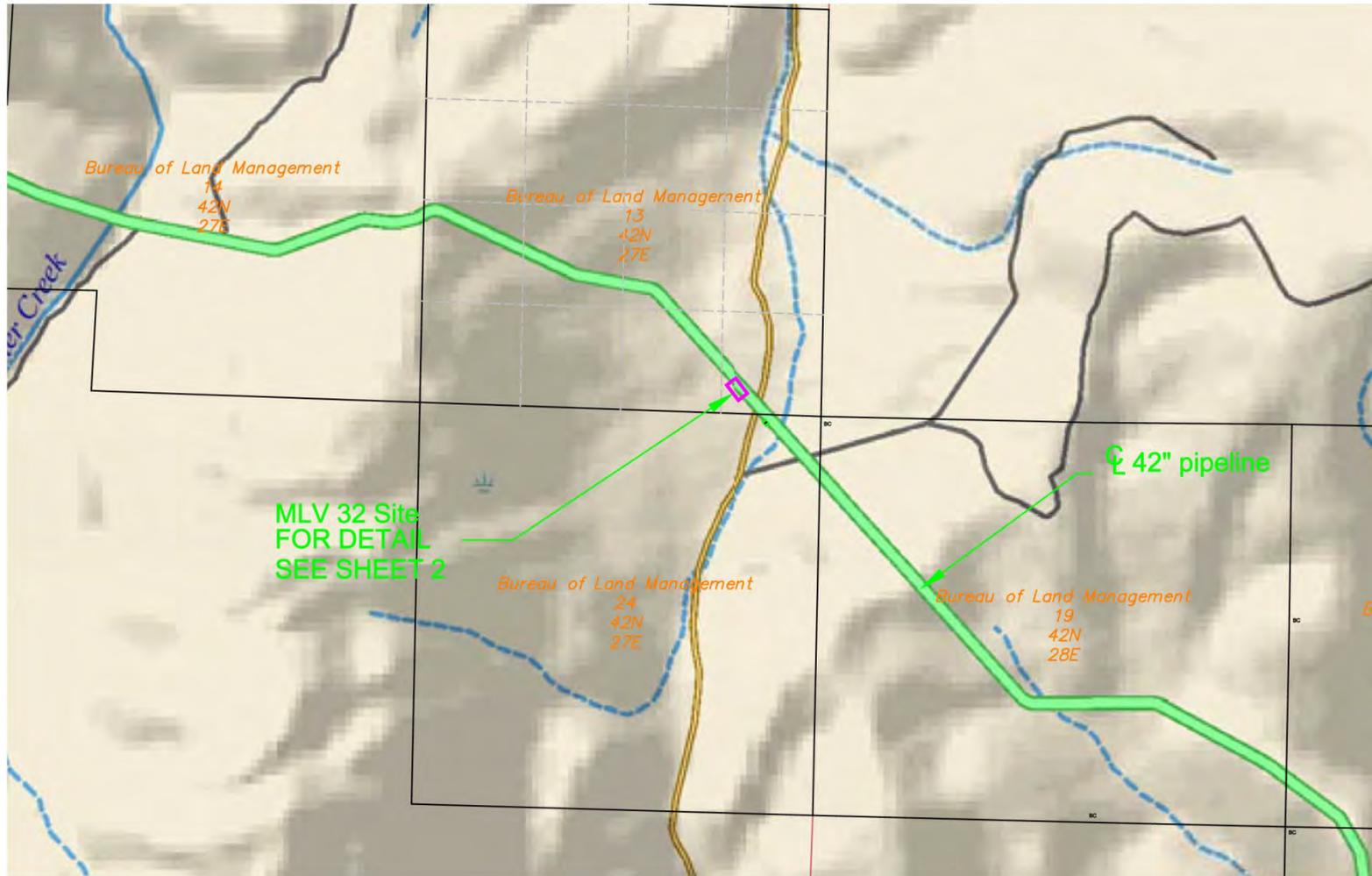
1. Dimensions are subject to change during construction.

FOR REFERENCE PURPOSES ONLY



# Location Map MLV- 32 MLV- 32

SEC. 13., T 42 N, R 27 E, HUMBOLDT COUNTY, NEVADA



**L.W. Survey Engineering & Design Co.**  
1 East First Street, Suite 201  
Duluth, MN 55802  
218-722-8211  
M. Wharton (08-26-11)

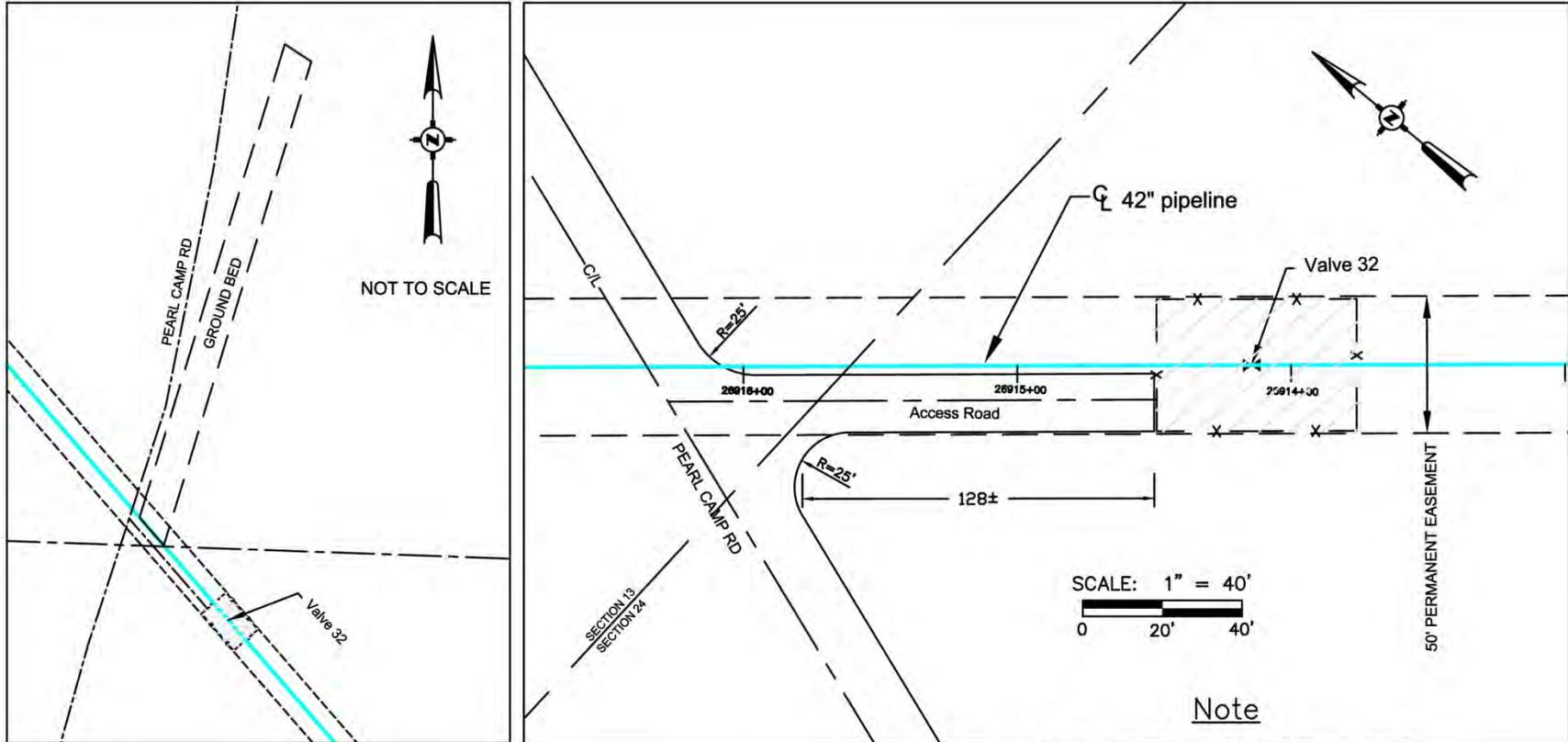
SCALE: 1" = 2000'  
0 1000' 2000'

FOR REFERENCE PURPOSES ONLY

**RUBY PIPELINE LLC**

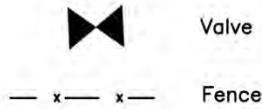
Sheet 1 of 4

# MLV- 32 Site Plan Detail MP 509.7



1. Dimensions and Quantities are subject to change during construction.

## LEGEND



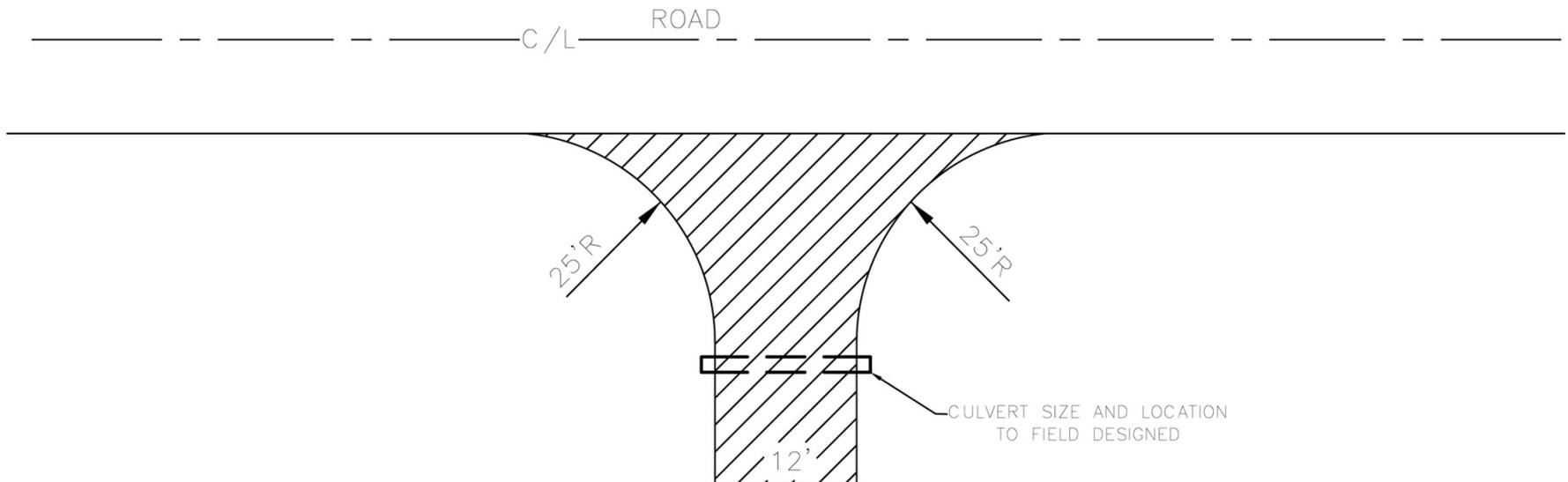
**L.W. Survey Engineering & Design Co.**  
1 East First Street, Suite 201  
Duluth, MN 55802  
218-722-8211

L. Puerta (04-04-11)

FOR REFERENCE PURPOSES ONLY



# TYPICAL APPROACH DETAIL FOR MAIN LINE VALVES



Scale : None



**L.W. Survey Engineering & Design Co.**  
1 East First Street, Suite 201  
Duluth, MN 55802  
218-722-8211

Prepared by: L. Puerto (04-05-11)

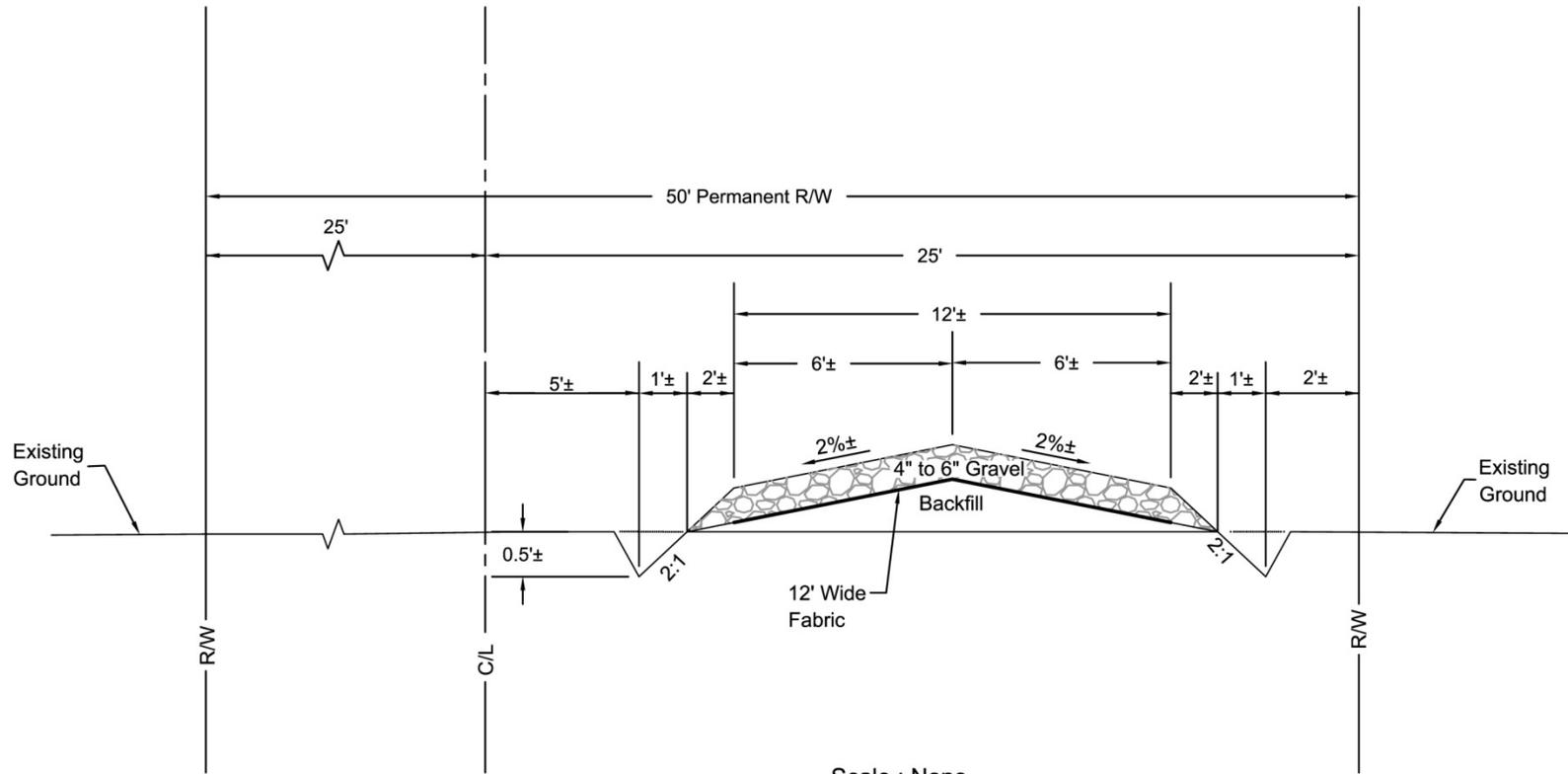
### Note:

1. Dimensions are subject to change during construction.

FOR REFERENCE PURPOSES ONLY



# TYPICAL ACCESS ROAD DETAIL FOR MAIN LINE VALVES



**L.W. Survey Engineering & Design Co.**  
 1 East First Street, Suite 201  
 Duluth, MN 55802  
 218-722-8211

Prepared by: L. Puerta (04-05-11)

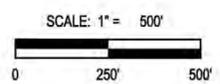
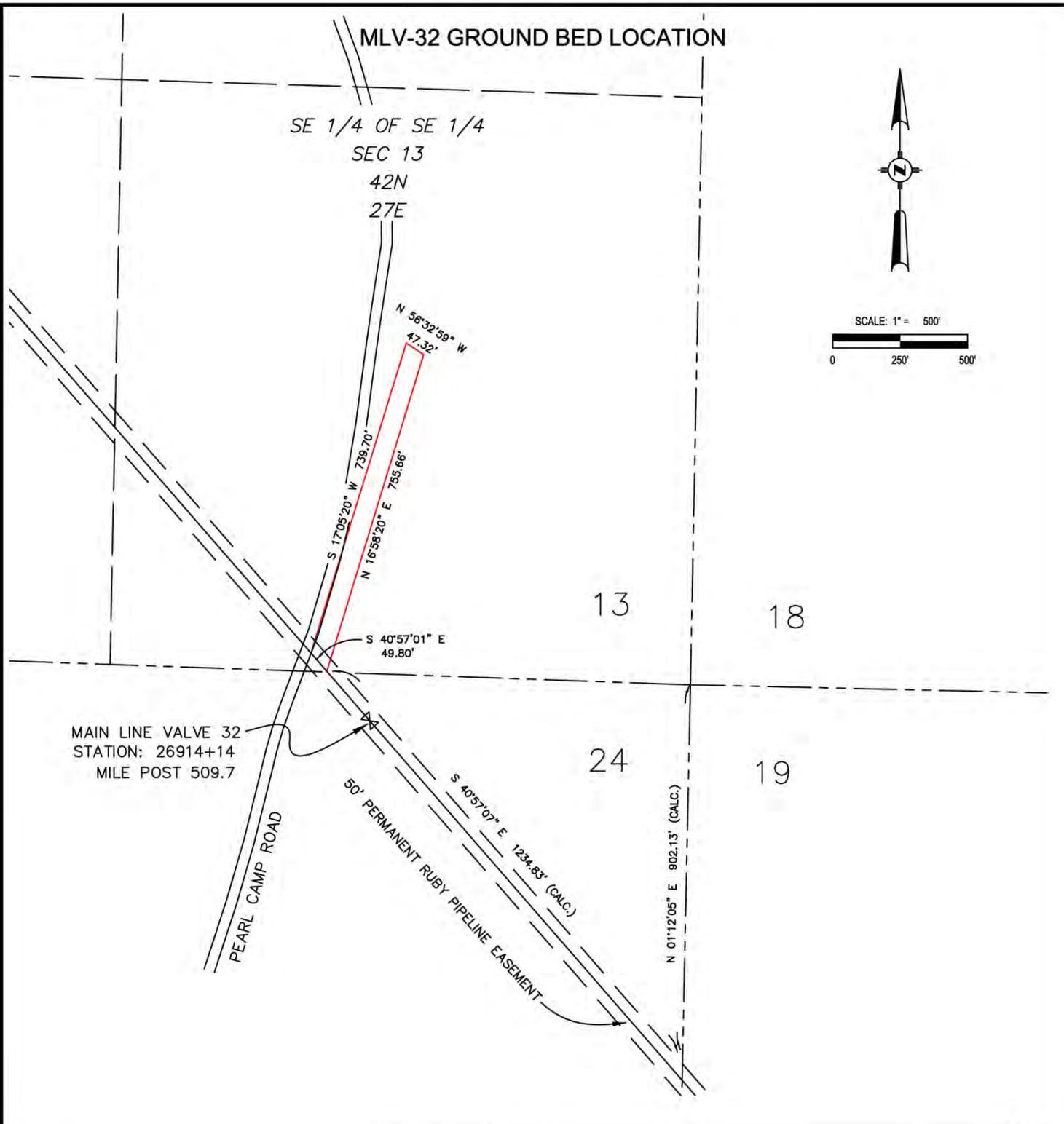
**Note:**

1. Dimensions are subject to change during construction.

FOR REFERENCE PURPOSES ONLY



# MLV-32 GROUND BED LOCATION



MAIN LINE VALVE 32  
STATION: 26914+14  
MILE POST 509.7

PEARL CAMP ROAD

50' PERMANENT RUBY PIPELINE EASEMENT

PREPARED BY:

L.W. Survey Engineering & Design Co.  
1 East First St, Suite 201  
Duluth, MN 55802



NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
REVISIONS					

Division:	ROCKY MOUNTAIN	Op. Area:	ELKO
State:	NEVADA	Co./Par.:	HUMBOLDT
Section:	13	Township:	42N
		Range:	27E
Dft:	MHW	Date:	07/06/2011
		Project ID:	122659
Chk:	CDH	Date:	07/07/2011
		Scale:	1"=500'
Appr:		Date:	
		Filename:	MLV-32-BLM

GROUND BED  
RUBY PIPELINE-LN300A  
CROSSING  
BLM  
PROPERTY

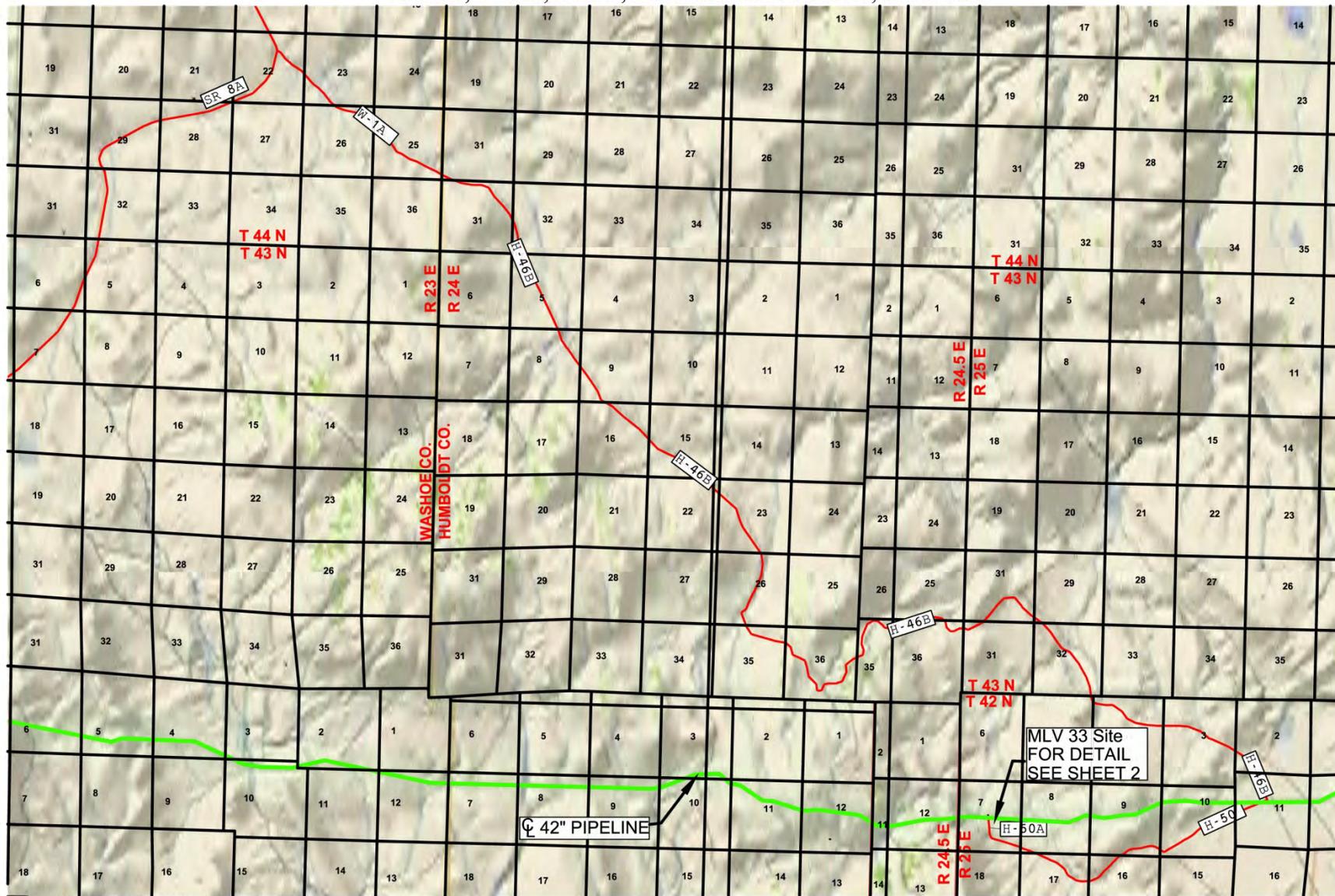


300AU-MLV-32-BLM	Sheet: 1 of 1	Rev. 0
	Type: ACAD	

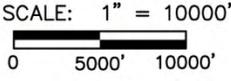
# Location Map MLV- 33

## MP 528.1

SEC. 7, T 42 N, R 25 E, HUMBOLDT COUNTY, NEVADA



L.W. Survey Engineering & Design Co.  
1 East First Street, Suite 201  
Duluth, MN 55802  
218-722-8211  
Prepared by: M. Wharton (08-26-11)

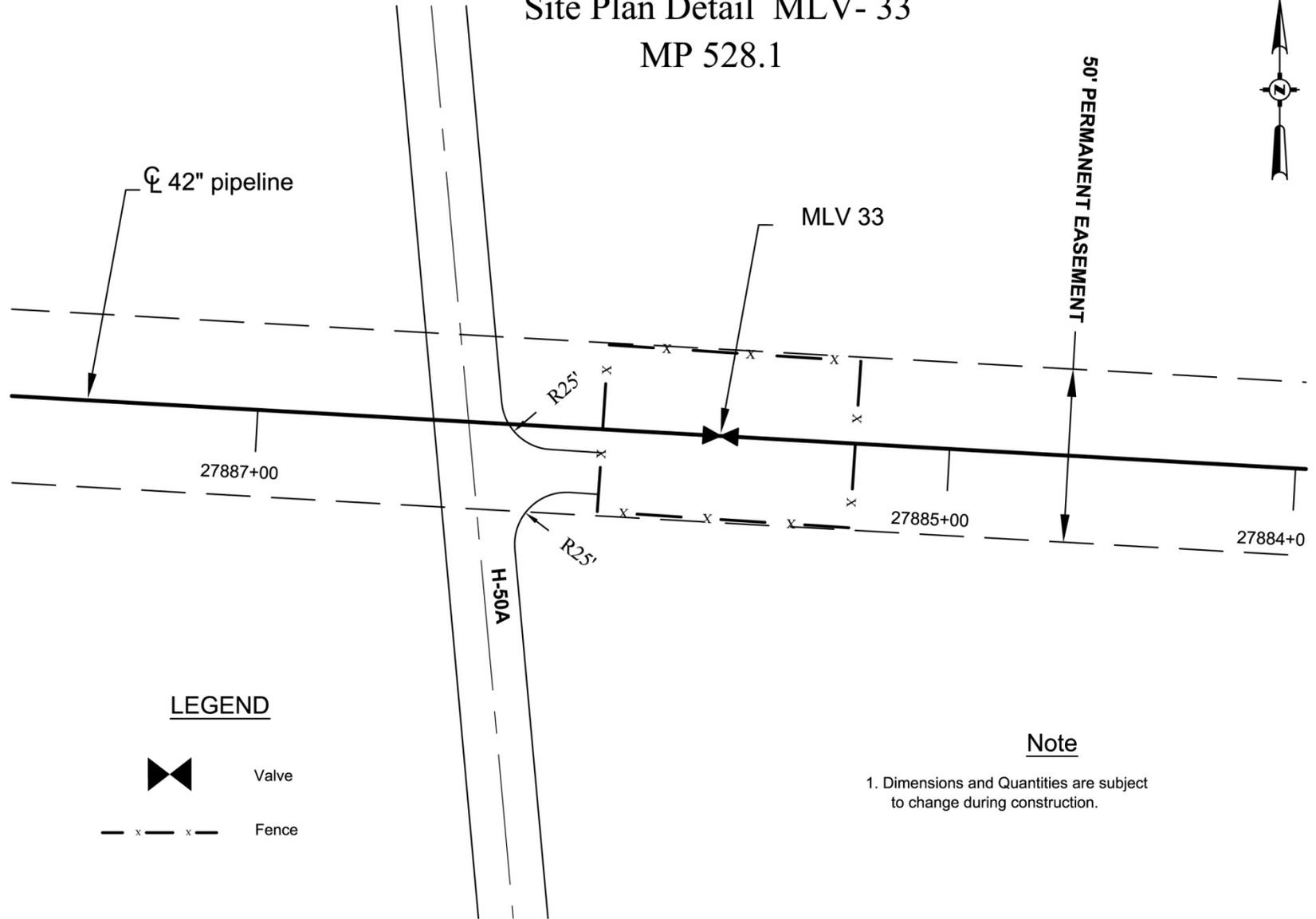


SCALE: 1" = 10000'

NOTE: FOR REFERENCE PURPOSES ONLY

**RUBY PIPELINE LLC**

# Site Plan Detail MLV- 33 MP 528.1



### LEGEND

-  Valve
-  Fence

### Note

1. Dimensions and Quantities are subject to change during construction.



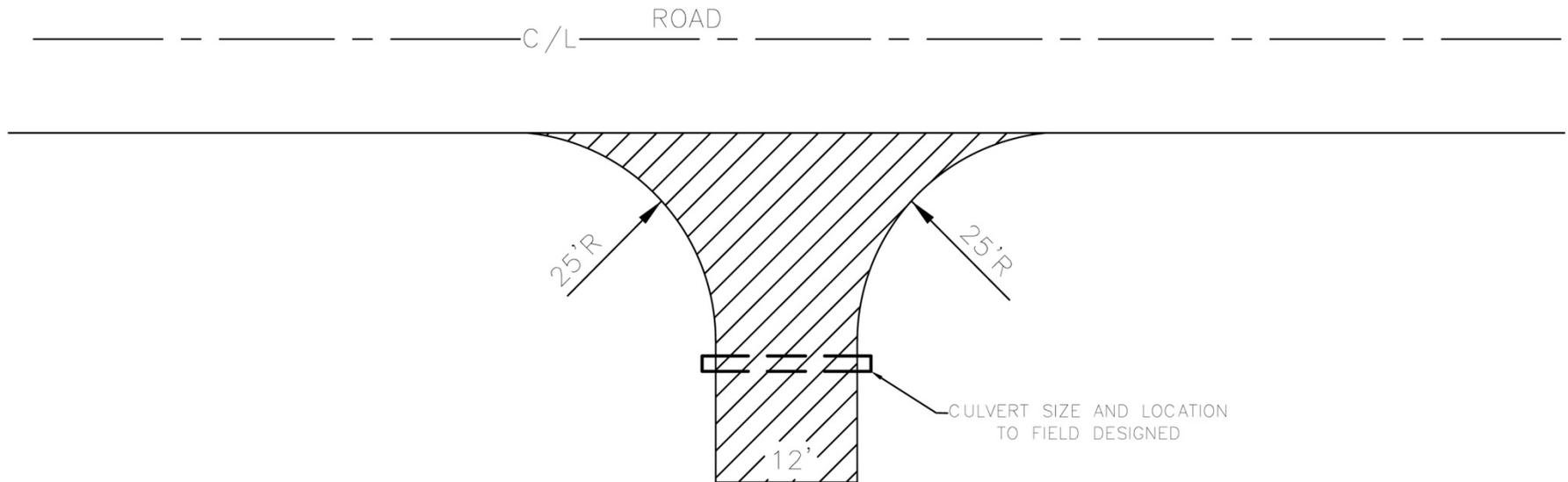
**L.W. Survey Engineering & Design Co.**  
 1 East First Street, Suite 201  
 Duluth, MN 55802  
 218-722-8211

M. Wharton (8-27-11)

SCALE: 1" = 40'  


**RUBY PIPELINE LLC**

# TYPICAL APPROACH DETAIL FOR MAIN LINE VALVES



Scale : None



**L.W. Survey Engineering & Design Co.**  
1 East First Street, Suite 201  
Duluth, MN 55802  
218-722-8211

Prepared by: L. Puerta (04-05-11)

## Note:

1. Dimensions are subject to change during construction.

FOR REFERENCE PURPOSES ONLY

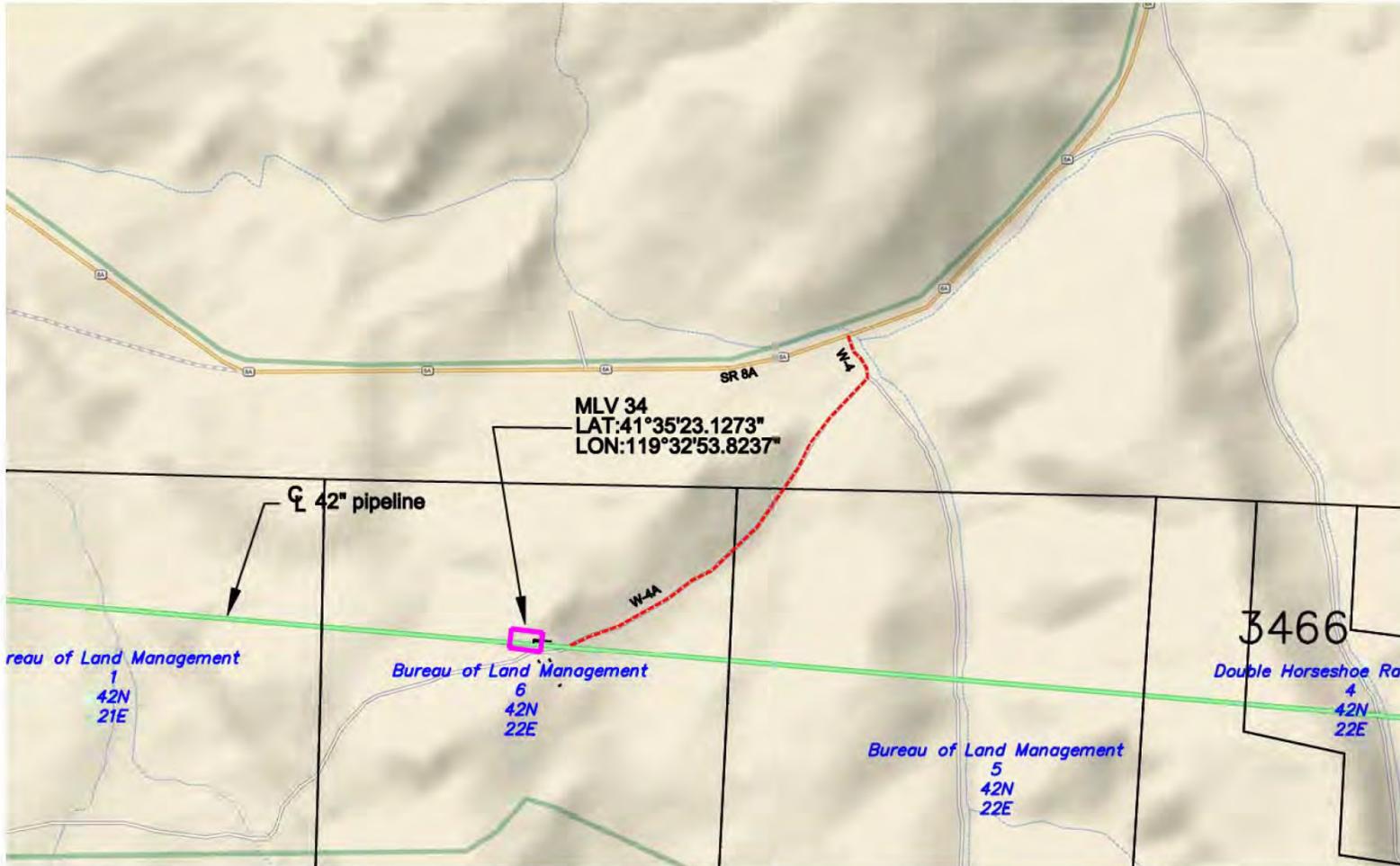
**RUBY PIPELINE LLC**



# MLV- 34 LOCATION MAP

## MP 547.9

SEC. 6, T 42 N, R 22 E, WASHOE COUNTY, NEVADA



**L.W. Survey Engineering & Design Co.**  
1 East First Street, Suite 201  
Duluth, MN 55802  
218-722-8211

Prepared by: M. Wharton (08-26-11)

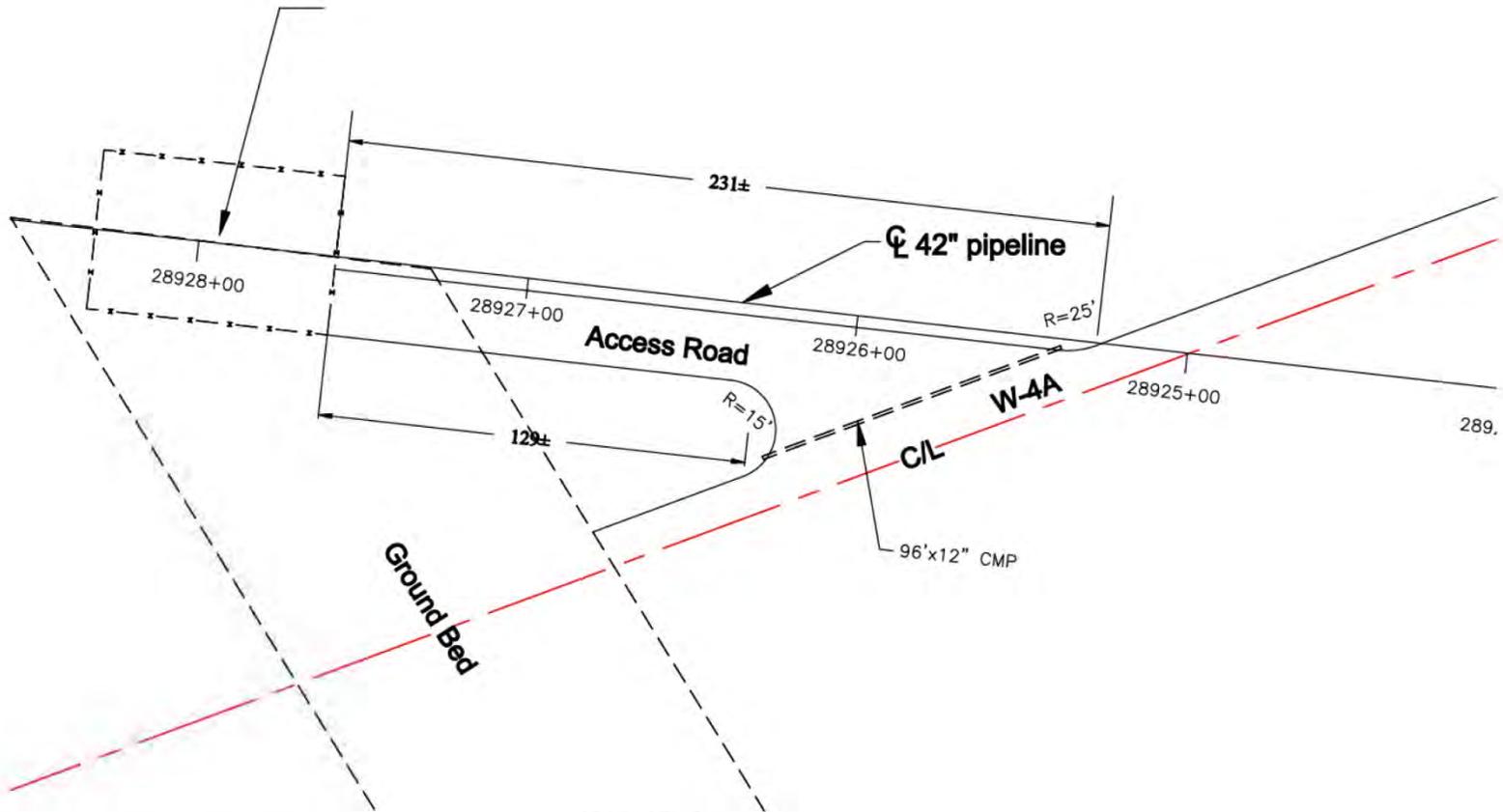
SCALE: 1" = 2000'



NOTE: FOR REFERENCE PURPOSES ONLY



# MLV- 34 Site Plan Detail MP 547.9

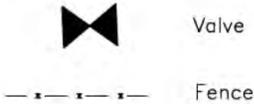


## LEGEND



**L.W. Survey Engineering & Design Co.**  
1 East First Street, Suite 201  
Duluth, MN 55802  
218-722-8211

Prepared by: M. Wharton (08-26-11)

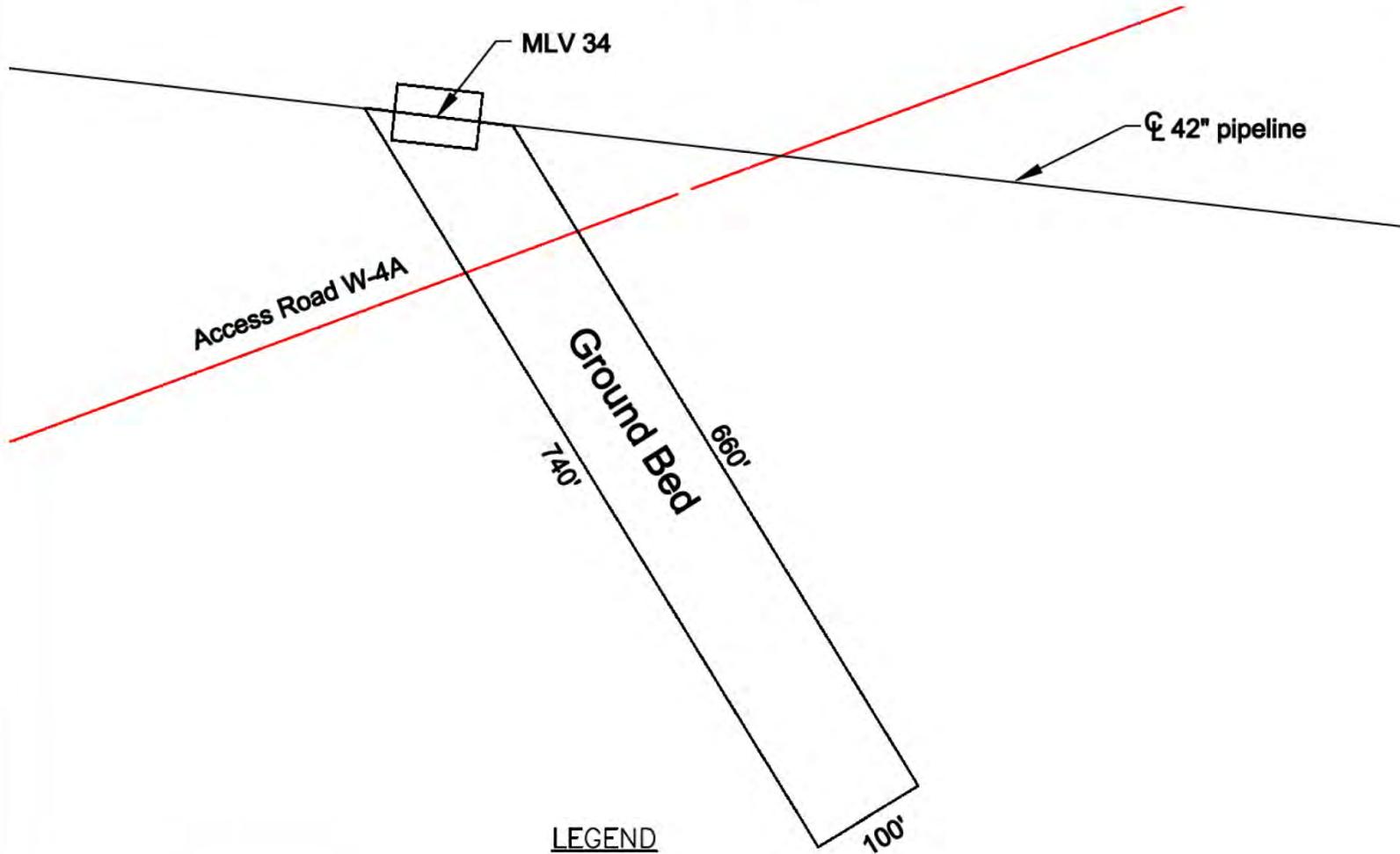


SCALE: 1" = 100'  
0 50' 100'

NOTE: FOR REFERENCE PURPOSES ONLY



# MLV- 34 Ground Bed Detail MP 547.9



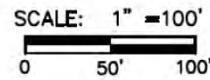
## LEGEND



Valve



Fence



NOTE: FOR REFERENCE PURPOSES ONLY

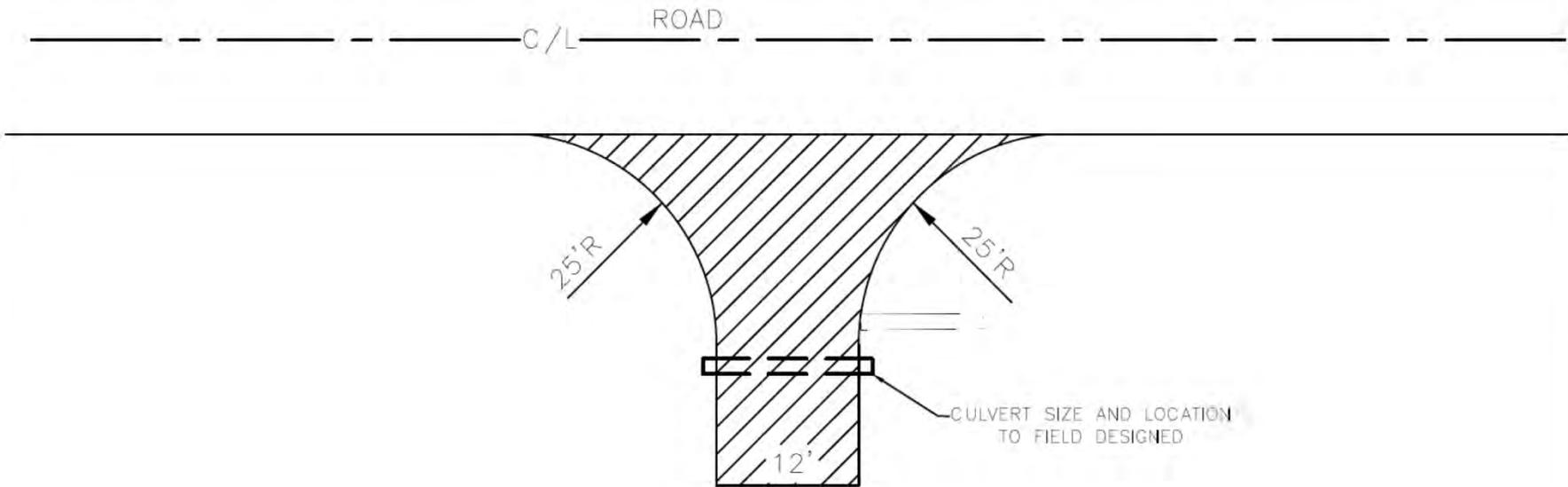


**L.W. Survey Engineering &  
Design Co.**  
1 East First Street, Suite 201  
Duluth, MN 55802  
218-722-8211

Prepared by: M. Wharton (08-26-11)



# TYPICAL APPROACH DETAIL FOR MAIN LINE VALVES



Scale : None



**L.W. Survey Engineering & Design Co.**  
1 East First Street, Suite 201  
Duluth, MN 55802  
218-722-8211

Prepared by: L. Puerta (04-05-11)

**Note:**

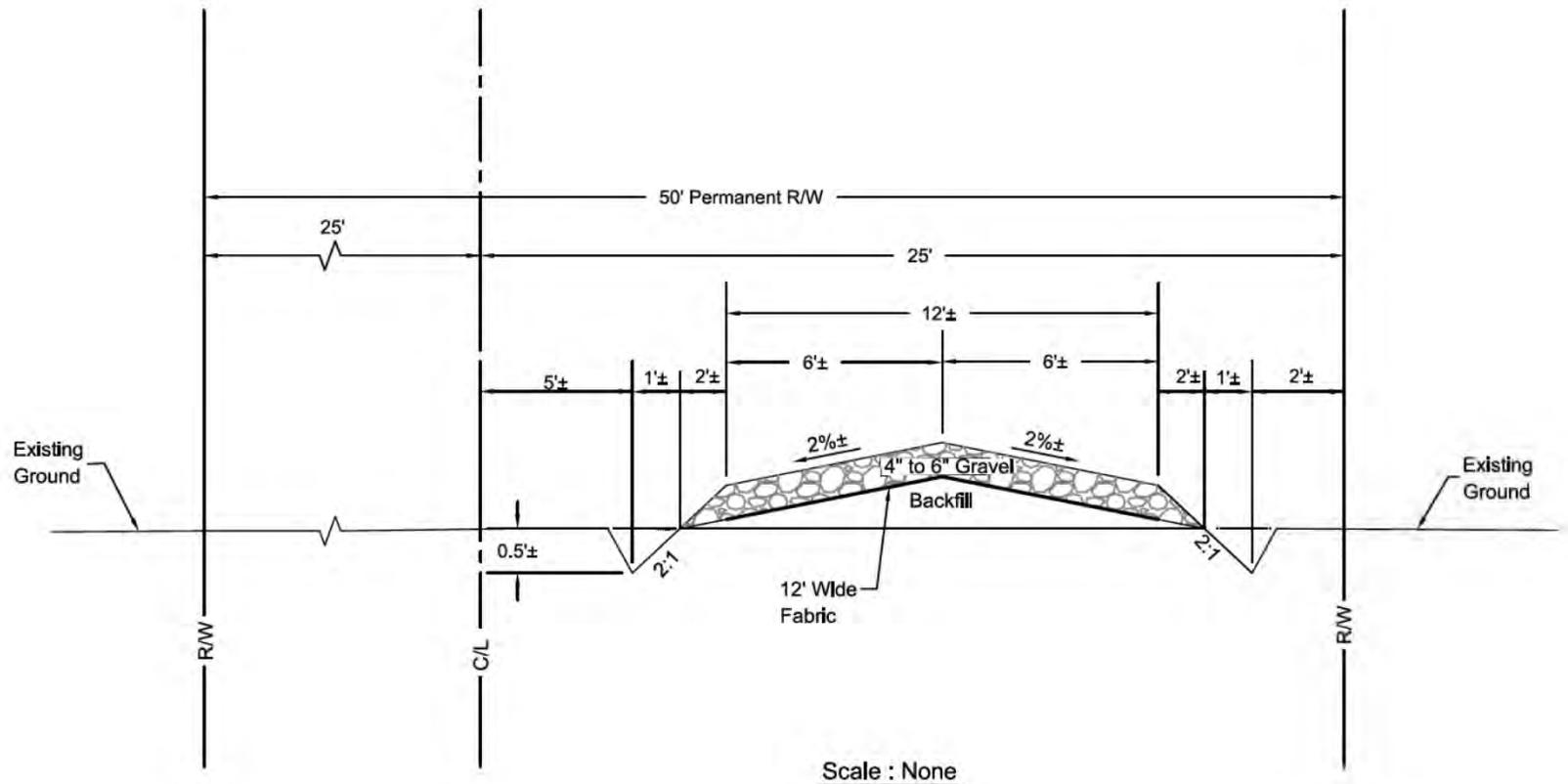
1. Dimensions are subject to change during construction.

FOR REFERENCE PURPOSES ONLY

**RUBY PIPELINE LLC**

Sheet 4 OF 5

# TYPICAL ACCESS ROAD DETAIL FOR MAIN LINE VALVES



**L.W. Survey Engineering & Design Co.**  
 1 East First Street, Suite 201  
 Duluth, MN 55802  
 218-722-8211

Prepared by: I. Puerta (04-05-11)

### Note:

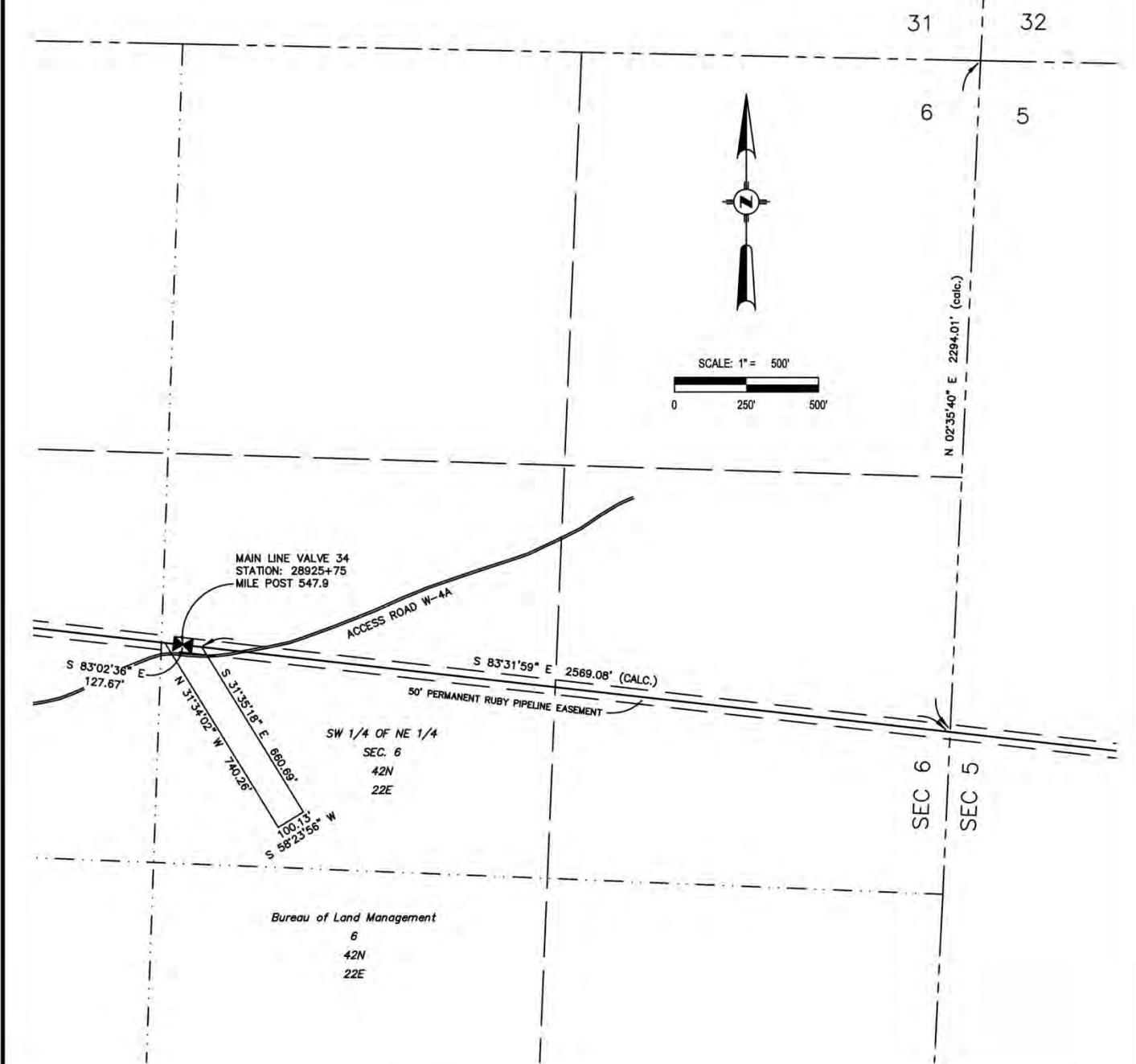
1. Dimensions are subject to change during construction.

FOR REFERENCE PURPOSES ONLY

**RUBY PIPELINE LLC**

Sheet 5 OF 5

# MLV-34 GROUND BED LOCATION



PREPARED BY:  
**L.W. Survey Engineering & Design Co.**  
 1 East First St, Suite 201  
 Duluth, MN 55802



NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
REVISIONS					

Division:	ROCKY MOUNTAIN	Op. Area:	ELKO
State:	NEVADA	Co./Par.:	WASHOE
Section:	6	Township:	42N
		Range:	22E
Dt:	MHW	Date:	07/06/2011
		Project ID:	122659
Chk:	CDH	Date:	07/07/2011
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Appr:		Date:	
		Filename:	MLV-34-BLM

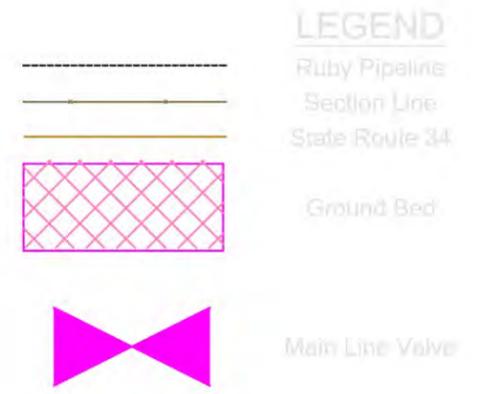
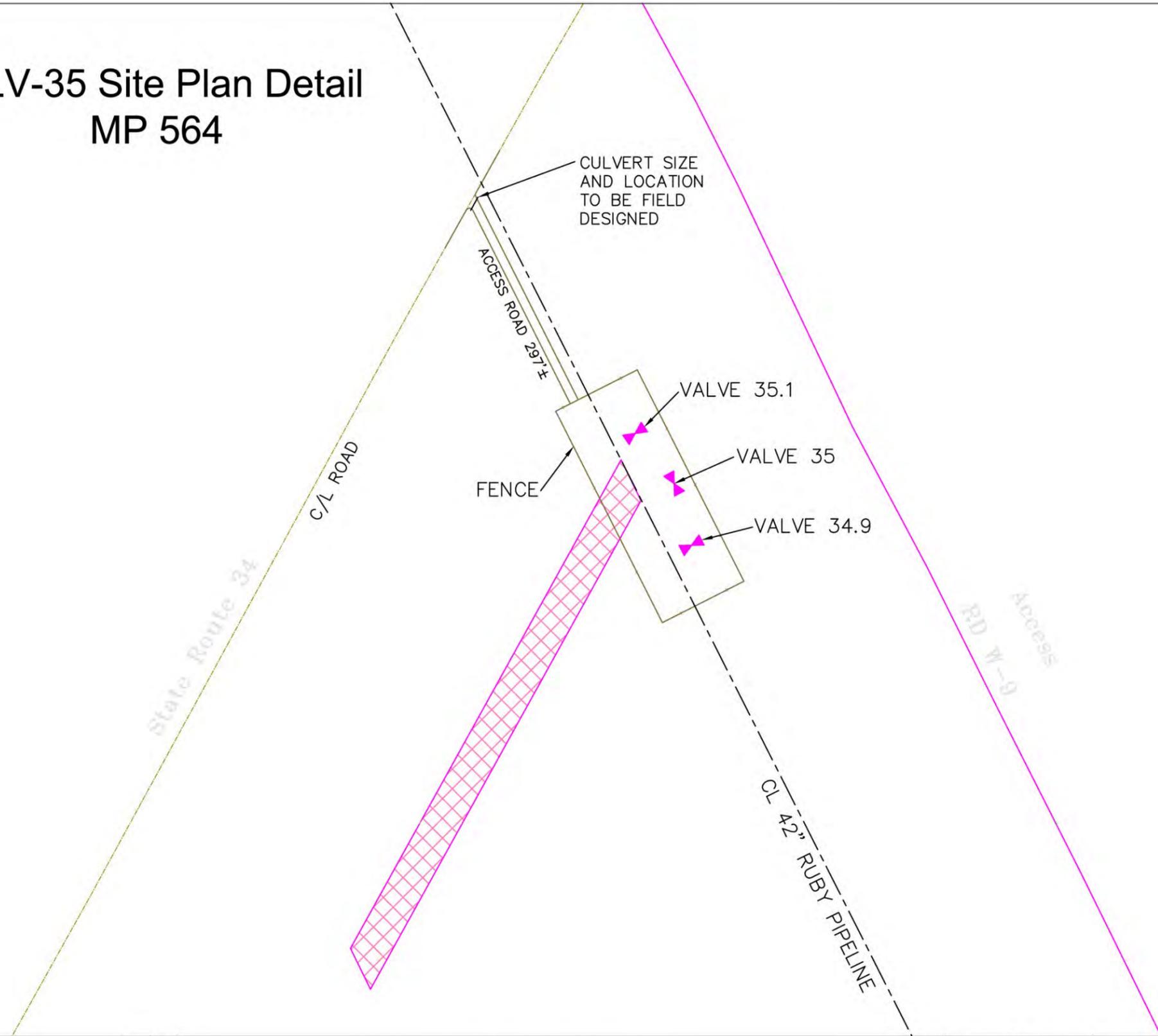
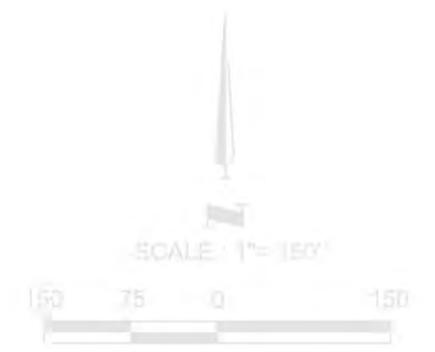
**GROUND BED**  
**RUBY PIPELINE-LN300A**  
**CROSSING**  
**BLM**  
**PROPERTY**



**RUBY PIPELINE LLC**

300AU-MLV-34-BLM	Sheet: 1 of 1	Rev. 0
	Type: ACAD	

# MLV-35 Site Plan Detail MP 564



August 22, 2011 5:04:03 pm (jod)  
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COPYRIGHT © -2008-SHAFER, KLINE & WARREN, INC.				

**GENERAL NOTES**

- Ground Beds are 750'x50', (TYP.)
- Dimensions and quantities are subject to change during construction

Designed By \_\_\_\_\_  
 Drawn By: JRC  
 Checked By: \_\_\_\_\_  
 Issue Date: 08-20-11  
 Job No. 108123-01R

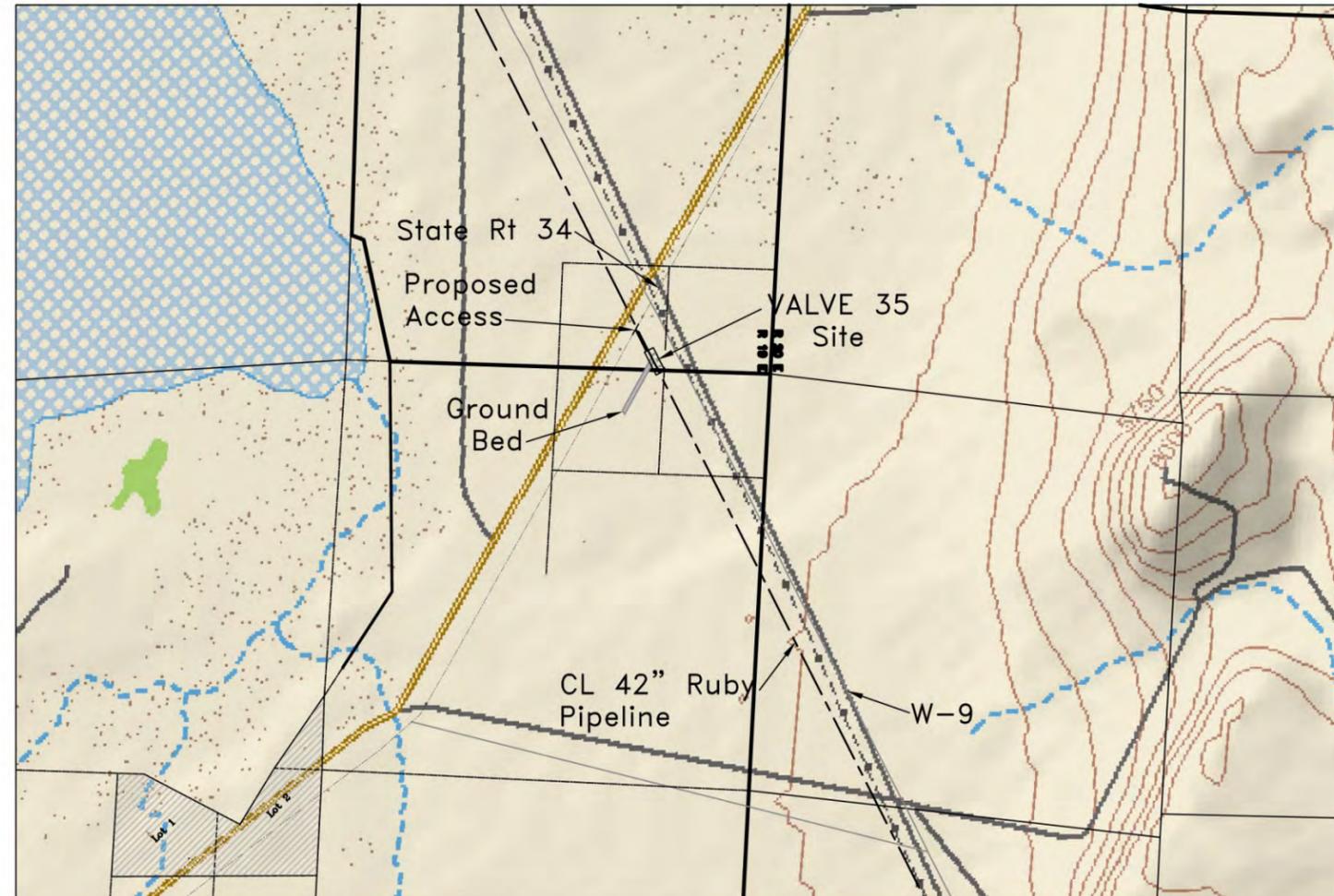
SHAHER, KLINE & WARREN, INC.

**RUBY PIPELINE**

Main Line Valve 35 Site Plan Detail  
 MP 564 Section 1 Township 43 North  
 Range 19 East Washoe County, NV

DRAWING:	SHEET NO. 1 OF 4	REV. NO.
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# MLV-35 Topo Plan Detail MP 564



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**GENERAL NOTES**  
1. Ground Beds are 750'x50', (TYP.)

Designed By \_\_\_\_\_  
 Drawn By: JRC  
 Checked By \_\_\_\_\_  
 Issue Date: 08-20-11  
 Job No. 108123-01R

FULL SIZE SCALE: 150  
 HALF SIZE SCALE: 300

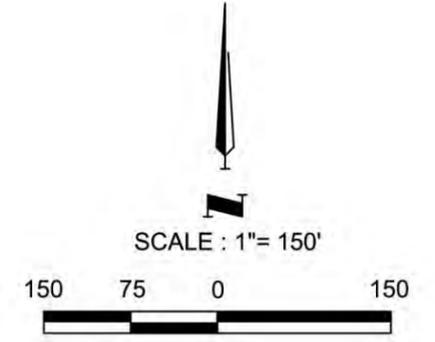
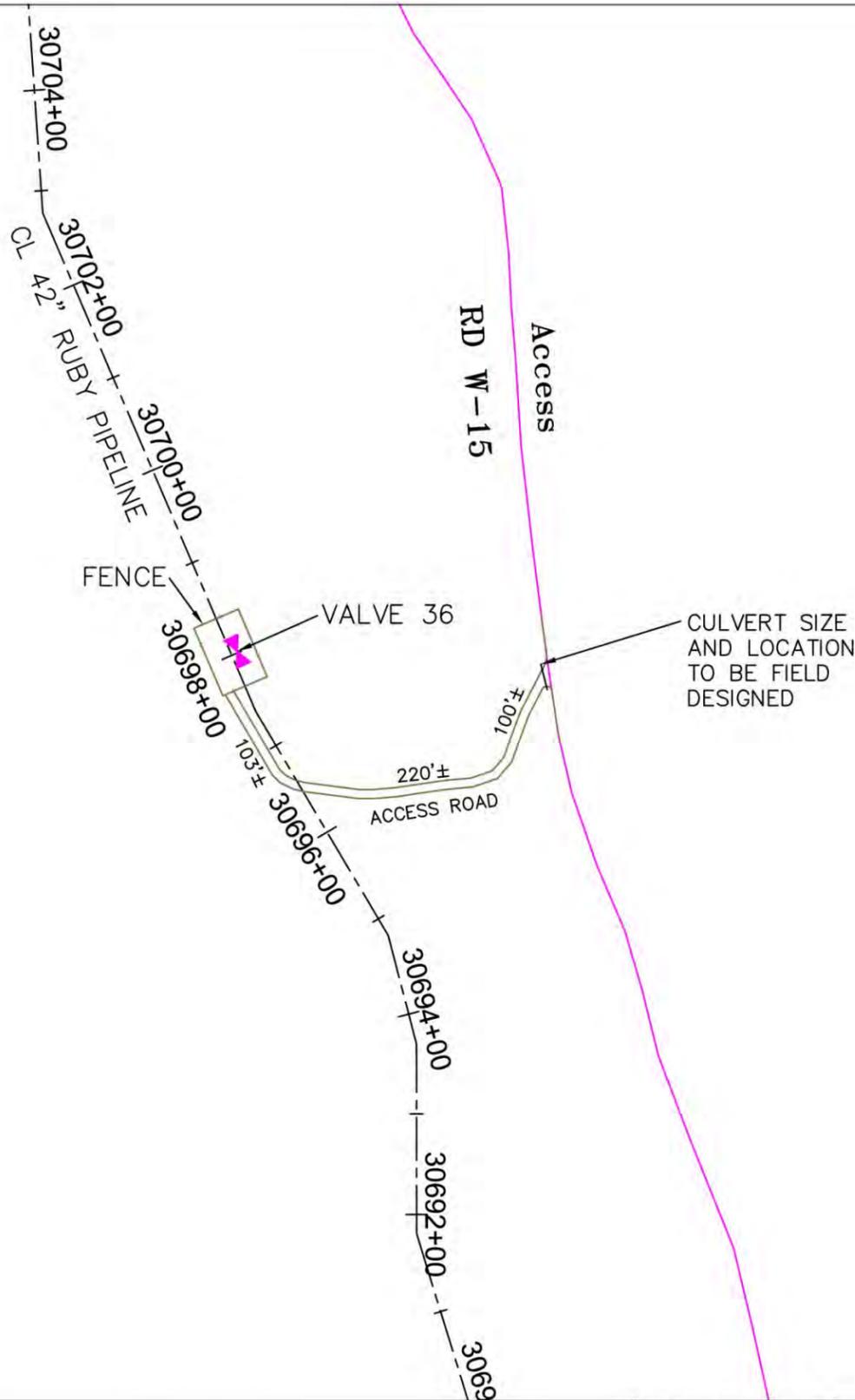
RUBY PIPELINE LLC

**RUBY PIPELINE**

Main Line Valve 35 Topo Plan Detail  
 MP 564 Section 1 Township 43 North  
 Range 19 East Washoe County, NV

DRAWING: \_\_\_\_\_ SHEET NO. 1 OF 4 REV. NO. \_\_\_\_\_

# MLV-36 Site Plan Detail MP 581.4



LEGEND	
	Ruby Pipeline
	Section Line
	Access Rd W-15
	Main Line Valve

August 24, 2011 8:00:18 am (jod)  
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**GENERAL NOTES**

1. Dimensions and quantities are subject to change during construction

Designed By \_\_\_\_\_  
 Drawn By: JAO  
 Checked By \_\_\_\_\_  
 Issue Date: 08-23-11  
 Job No. 108123-01R

FULL SIZE SCALE: 150  
 HALF SIZE SCALE: 300

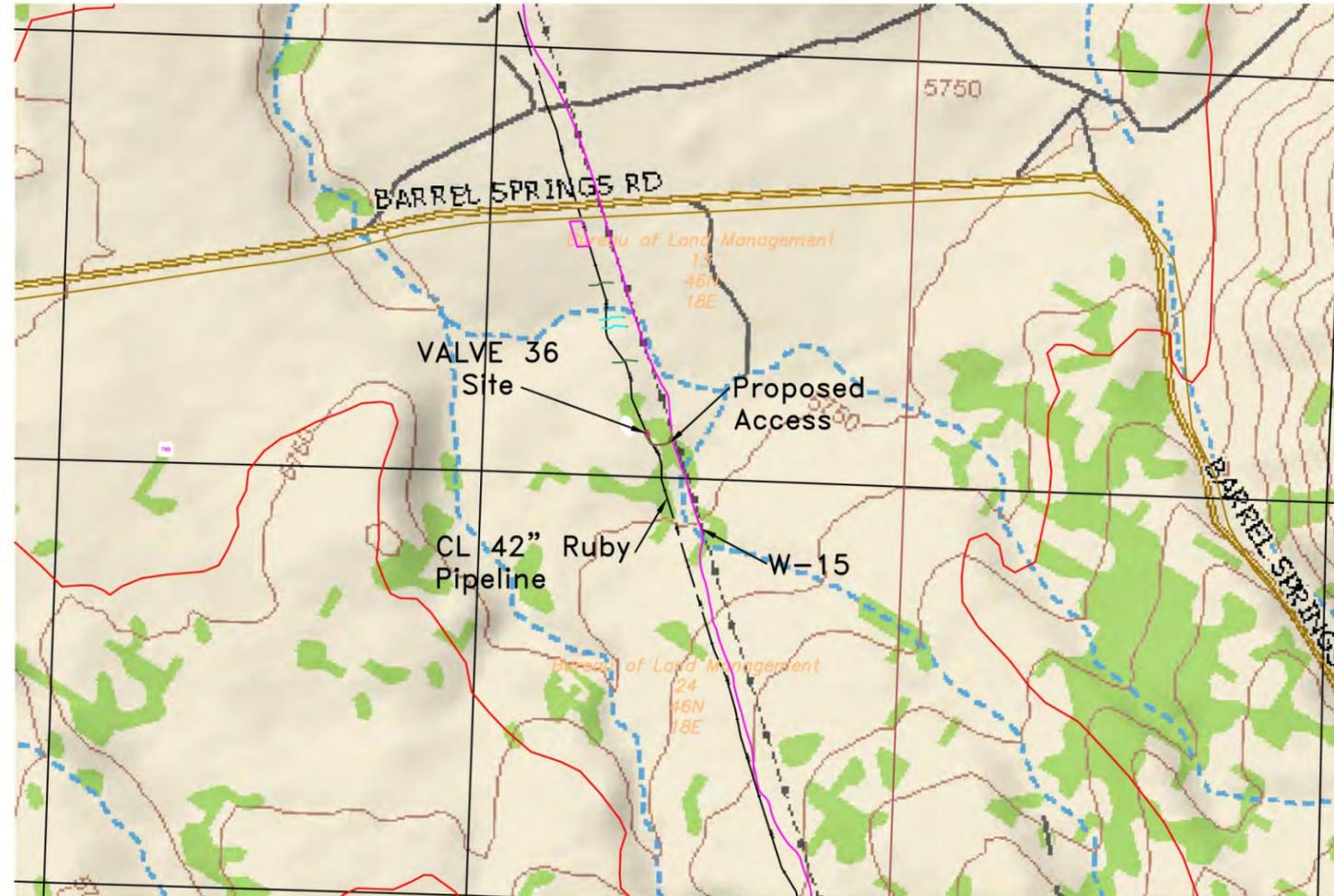


**RUBY PIPELINE**

Main Line Valve 36 Site Plan Detail  
 MP 581.4 Section 13 Township 46 North  
 Range 18-19 East Washoe County, NV

DRAWING: \_\_\_\_\_ SHEET NO. 1 OF 4 REV. NO. \_\_\_\_\_

# MLV-36 Topo Plan Detail MP 581.4



August 24, 2011 7:57:24 am (jod)  
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## GENERAL NOTES

1. Dimensions and quantities are subject to change during construction

Designed By \_\_\_\_\_  
 Drawn By: JAO  
 Checked By \_\_\_\_\_  
 Issue Date: 08-23-11  
 Job No. 108123-01R

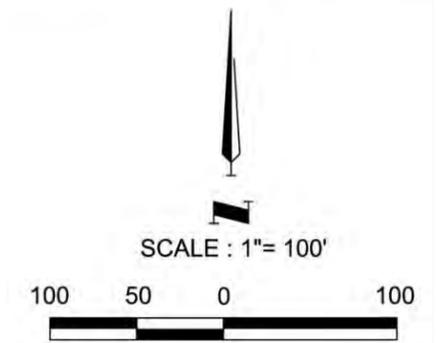
FULL SIZE SCALE: 150  
 HALF SIZE SCALE: 300



SHAFER, KLINE & WARREN, INC.  
 10000 W. WILSON AVENUE  
 SUITE 1000  
 LAS VEGAS, NV 89123

<b>RUBY PIPELINE</b>		
Main Line Valve 36 Topo Plan Detail MP 581.4 Section 13 Township 46 North Range 18-19 East Washoe County, NV		
DRAWING:	SHEET NO. 1 OF 4	REV. NO.

# MLV-37 Site Plan Detail MP 595.75



O'KEEFE RANCH LLC LAKE  
LAKEVIEW OREGON 36 40S 22E

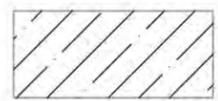
NW. 1/4 NE. 1/4  
Sec. 36 T. 40S R 22E

25'R  
C/L ROAD  
ACCESS ROAD 333'±  
CULVERT SIZE AND LOCATION  
TO BE FIELD DESIGNED

VALVE 37  
FENCE

CL 42" RUBY PIPELINE

**LEGEND**

	Ruby Pipeline
	Fence
	Big Valley RD
	Main Line Valve
	Proposed Ground Bed

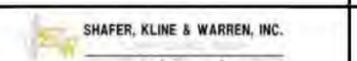
**GENERAL NOTES**  
1. Ground Beds are 750'x50', (TYP.)  
2. Dimensions and quantities are subject to change during construction

Designed By \_\_\_\_\_  
Drawn By: JAO  
Checked By \_\_\_\_\_  
Issue Date: 08-03-11  
Job No. 108132-01R



**RUBY PIPELINE**  
Main Line Valve 37 Site Plan Detail  
MILE POST 595.75 Section 36 Township 40  
South Range 22 East LAKE COUNTY, OR

FULL SIZE SCALE: 1"=100'  
HALF SIZE SCALE: 1"=200'



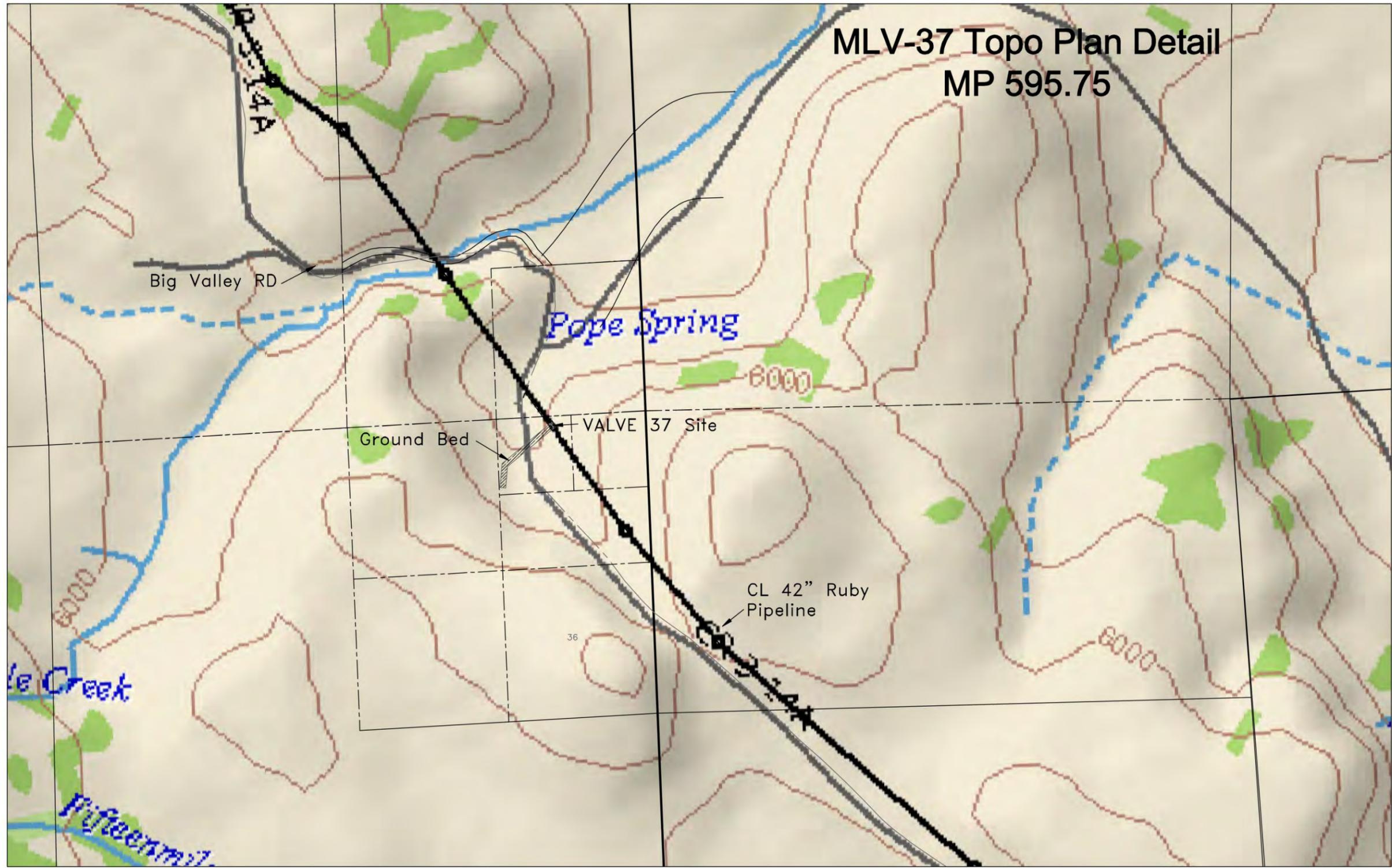
DRAWING: \_\_\_\_\_ SHEET NO. 1 OF 4 REV. NO. \_\_\_\_\_

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1	08-27-11	Added the NW. 1/4 NE. 1/4 Sec. 36 T. 40S R 22E	JRC	
NO.	DATE	REVISIONS	BY	APP'D

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# MLV-37 Topo Plan Detail MP 595.75



August 27, 2011 9:19:32 am (.ico) \\O:\server\Projects\RP\_Pre Cons. SP 6 & 7\Drawg\Spread 6 UTM 10\Drawg\Spread 6 UTM 10 Staking Master.dwg

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**GENERAL NOTES**  
1. Ground Beds are 750'x50', (TYP.)

Designed By \_\_\_\_\_  
 Drawn By: JAO  
 Checked By: \_\_\_\_\_  
 Issue Date: 08-03-11  
 Job No. 108132-01R

FULL SIZE SCALE: 1"=2000'  
 HALF SIZE SCALE: 1"=4000'

**RUBY PIPELINE LLC**

**SHAFER, KLINE & WARREN, INC.**  
 ENGINEERS & ARCHITECTS

**RUBY PIPELINE**

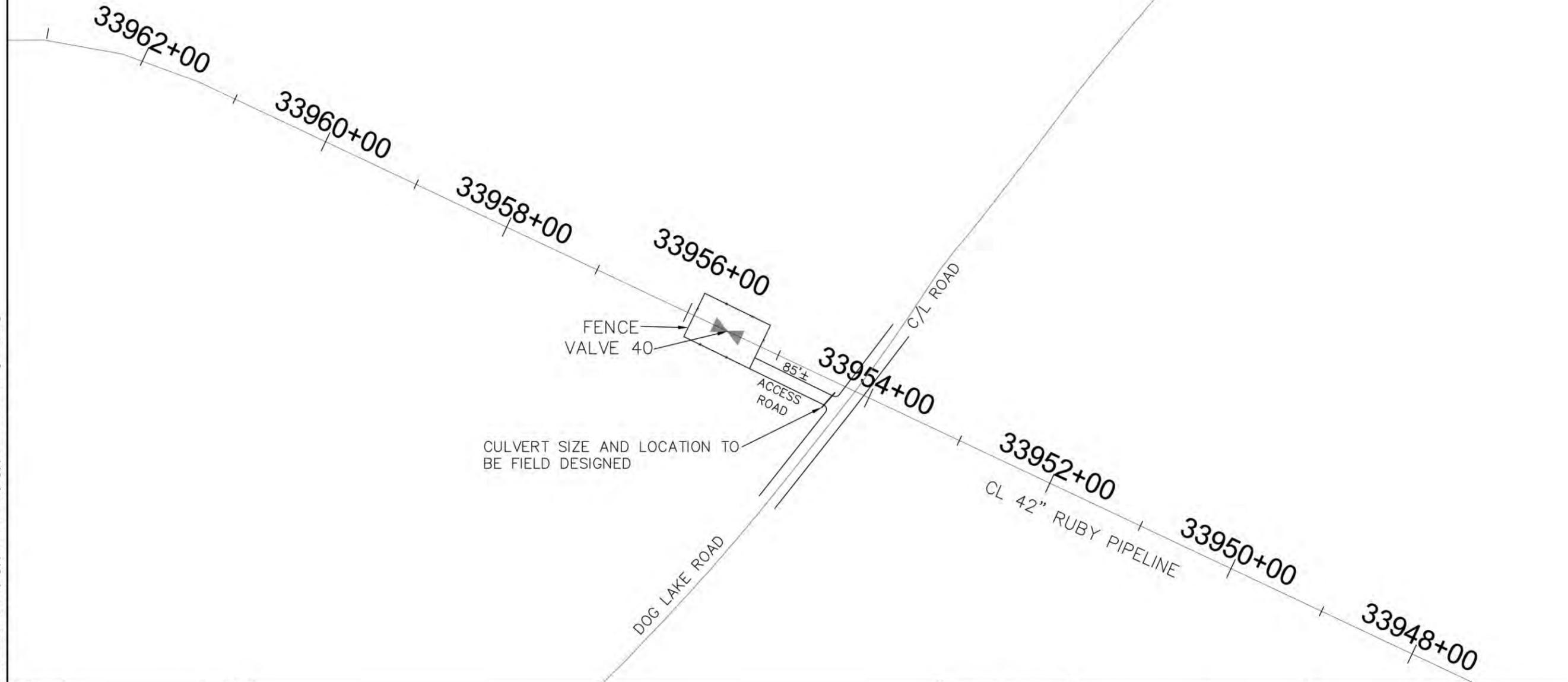
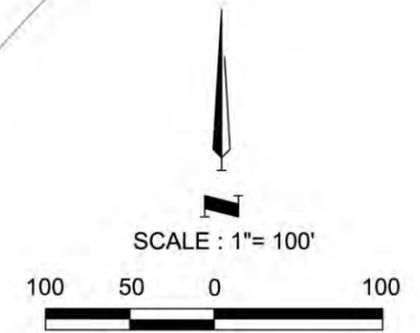
Main Line Valve 37 Topo Plan Detail  
 MILE POST 595.75 Section 36 Township 40  
 South Range 22 East LAKE COUNTY, OR

DRAWING: \_\_\_\_\_ SHEET NO. 2 OF 4 REV. NO. \_\_\_\_\_

# MLV-40 Site Plan Detail MP 643.1

## LEGEND

- Ruby Pipeline 
- Fence 
- Access RD 
- Overhead power 
- Main Line Valve 



CULVERT SIZE AND LOCATION TO BE FIELD DESIGNED

### GENERAL NOTES

1. Dimensions and quantities are subject to change during construction

Designed By \_\_\_\_\_  
 Drawn By: JAO  
 Checked By: \_\_\_\_\_  
 Issue Date: 08-20-11  
 Job No. 108132-01R



SHAFER, KLINE & WARREN, INC.

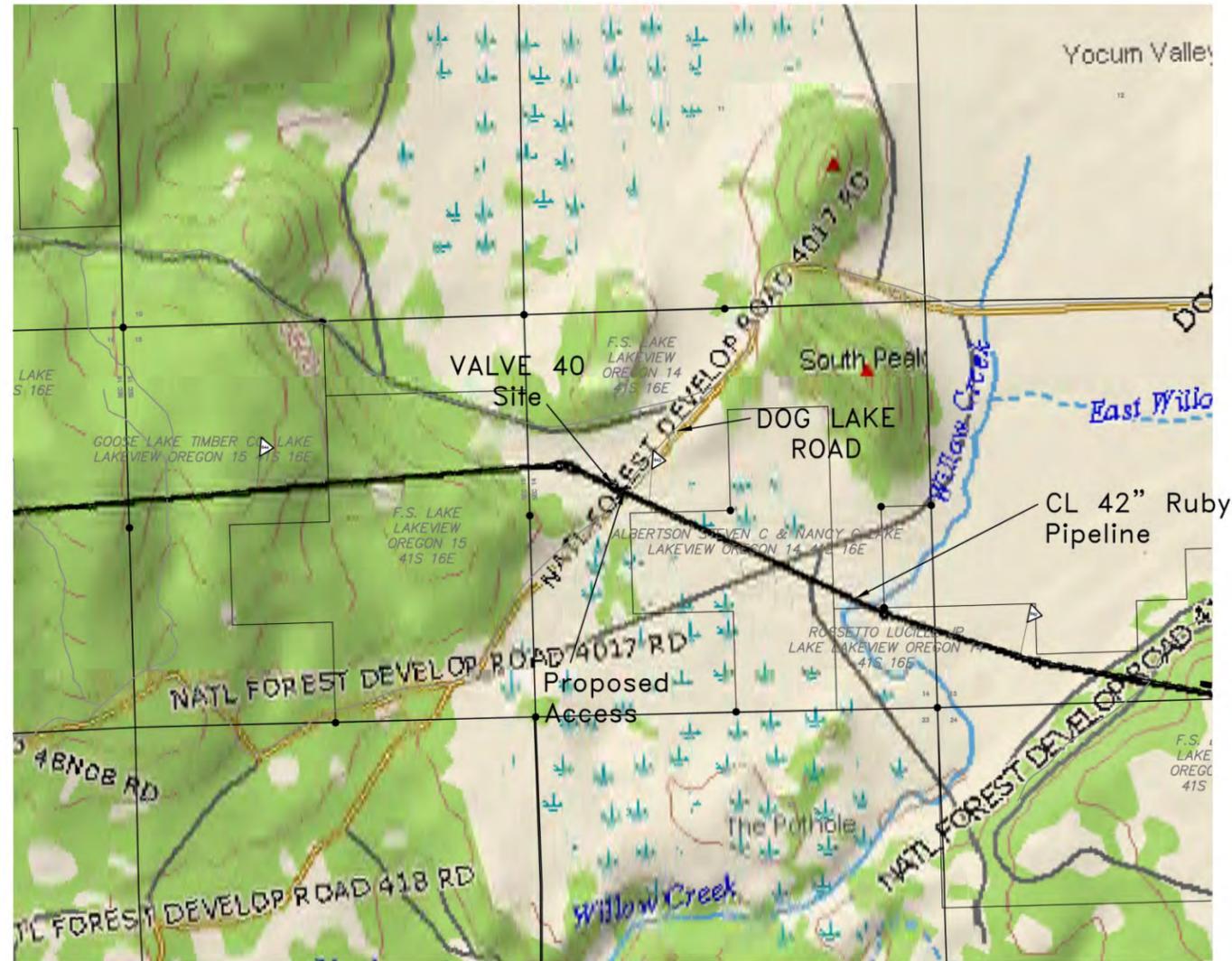
RUBY PIPELINE  
 Main Line Valve 40 Site Plan Detail  
 MILE POST 643.1 Section 14 Township 41  
 South Range 16 East LAKE COUNTY, OR

DRAWING: \_\_\_\_\_ SHEET NO. 1 OF 4 REV. NO. \_\_\_\_\_

September 15, 2011 6:15:31 am (ip) D:\Projects on OR-SERVER\RP Pre Cons. SP 6 & 7\Drawg\Spread 7 UTM 10\Drawg\Spread 7 UTM 10 Staking Master.dwg

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# MLV-40 Site Plan Detail MP 643.1



September 15, 2011 6:29:46 am (jco)  
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## GENERAL NOTES

1. Dimensions and quantities are subject to change during construction

Designed By \_\_\_\_\_  
 Drawn By: JAO  
 Checked By: \_\_\_\_\_  
 Issue Date: 08-20-11  
 Job No. 108132-01R

FULL SIZE SCALE: 1"=100'  
 HALF SIZE SCALE: 1"=200'



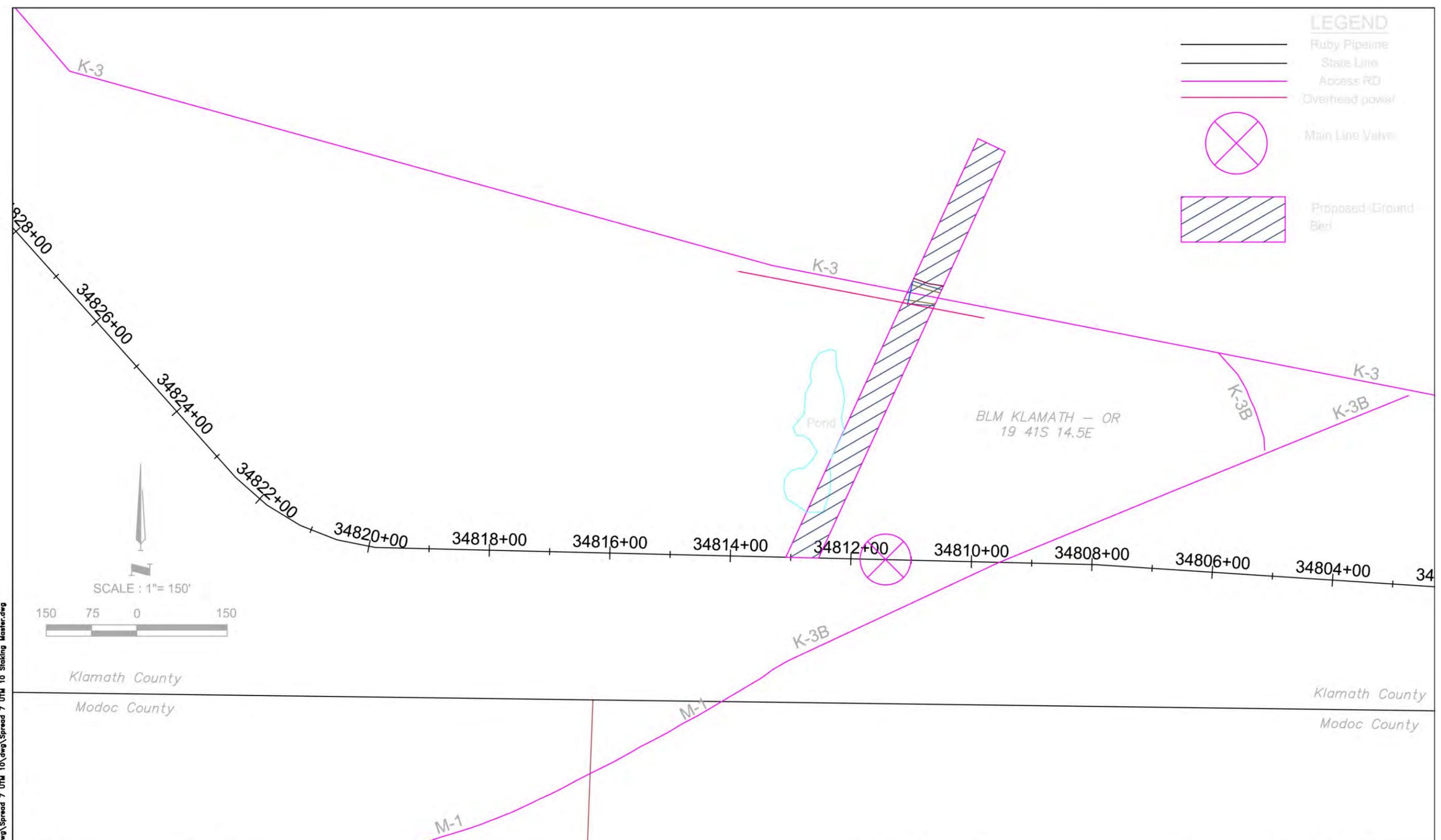
**RUBY PIPELINE**

Main Line Valve 40 Topo Plan Detail  
 MILE POST 643.1 Section 14 Township 41  
 South Range 16 East LAKE COUNTY, OR

DRAWING:	SHEET NO. 1 OF 4	REV. NO.
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**LEGEND**

-  Ruby Pipeline
-  State Line
-  Access RD
-  Overhead power
-  Main Line Valve
-  Proposed Ground Bed



SCALE : 1"= 150'



June 26, 2011 10:26:28 am (lod) P:\\_RP Pre Cons. SP 6 & 7\Drawg\Spread 7 UTM 10\Drawg\Spread 7 UTM 10 Staking Master.dwg

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NO.	DATE	REVISIONS	BY	APP'D
COPYRIGHT © -2008-SHAFER, KLINE & WARREN, INC.				

**GENERAL NOTE**  
1. Ground Beds are 750'x50'. (TYP.)

Designed By \_\_\_\_\_  
 Drawn By: JRC  
 Checked By: \_\_\_\_\_  
 Issue Date: 06-10-11  
 Job No. 108132-01R

FULL SIZE SCALE: 1"=150'  
 HALF SIZE SCALE: 1"=300'



**RUBY PIPELINE**

Main Line Valve 41 & Ground Bed Location  
 MILE POST 659.3 Section 19 Township 41  
 South Range 14.5 East LAKE COUNTY, OR

DRAWING:	SHEET NO.	REV. NO.
	1 OF 1	

# MLV-41 Site Plan Detail MP 659.3

## LEGEND

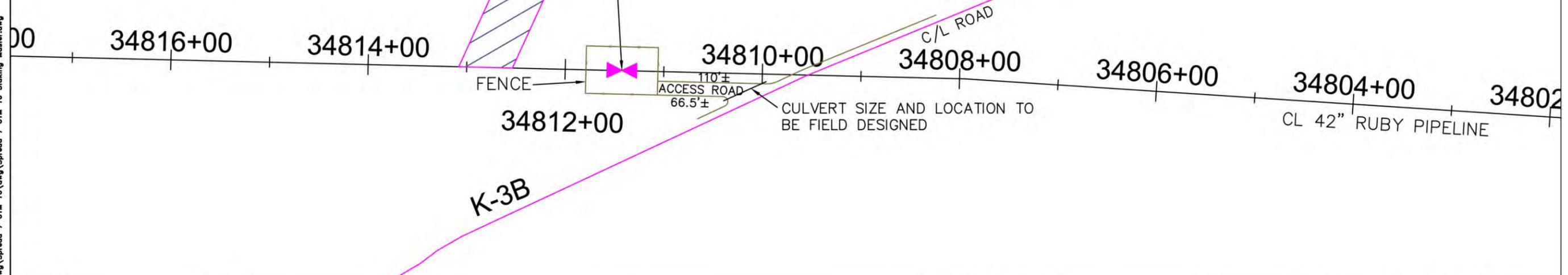
-  Ruby Pipeline
-  Fence
-  Access RD
-  Overhead power
-  Main Line Valve
-  Ground Bed



SCALE: 1"=100'

BLM KLAMATH - OR  
19 41S 14.5E

August 3, 2011 3:17:36 pm (lod)  
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**GENERAL NOTES**

1. Ground Beds are 750'x50', (TYP.)
2. Dimensions and quantities are subject to change during construction

Designed By \_\_\_\_\_  
 Drawn By: JAO  
 Checked By \_\_\_\_\_  
 Issue Date: 08-03-11  
 Job No. 108132-01R

FULL SIZE SCALE: 1"=100'  
 HALF SIZE SCALE: 1"=200'

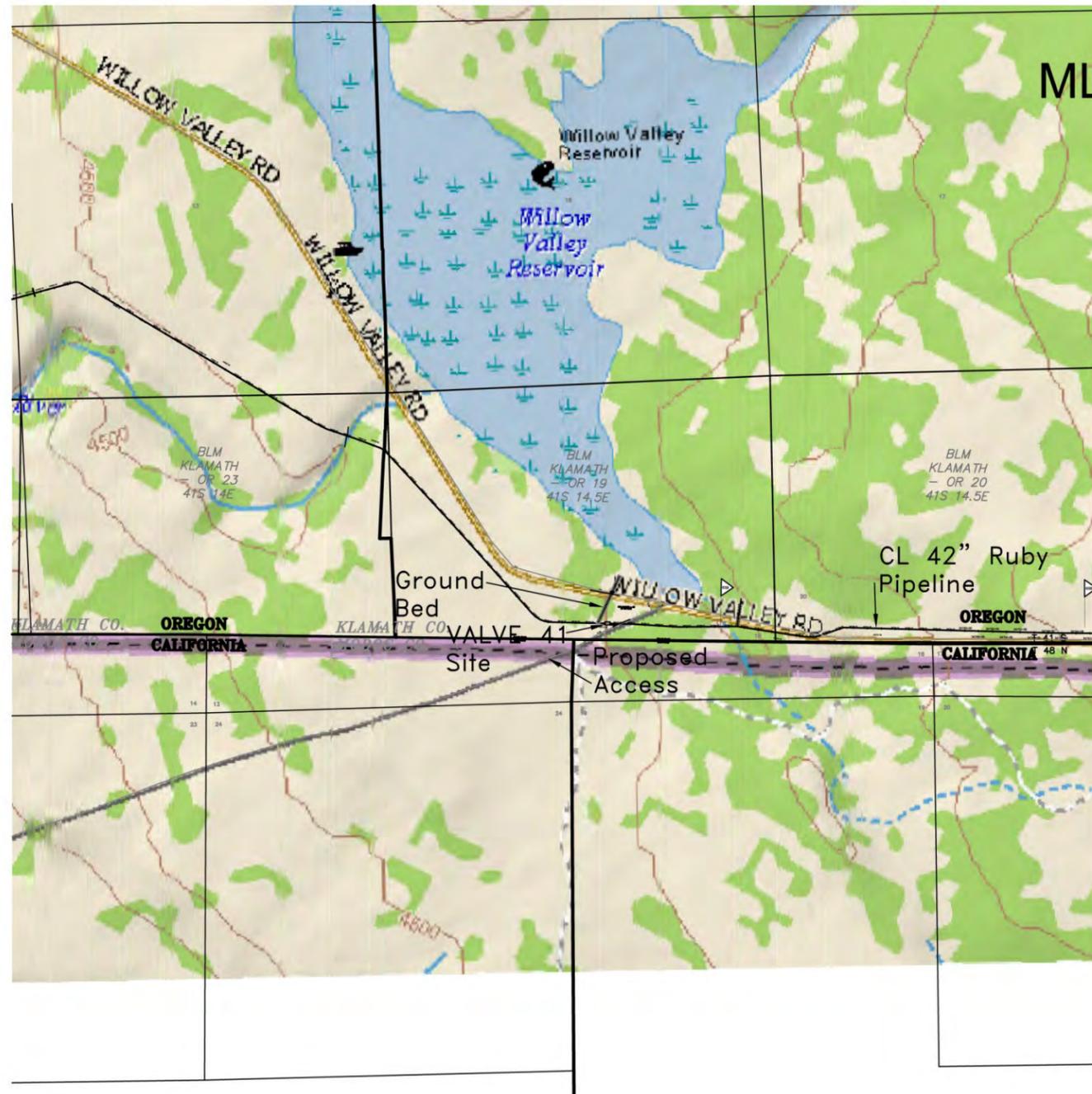


RUBY PIPELINE

Main Line Valve 41 Site Plan Detail  
 MILE POST 659.3 Section 19 Township 41  
 South Range 14.5 East LAKE COUNTY, OR

DRAWING: \_\_\_\_\_ SHEET NO. 1 OF 4 REV. NO. \_\_\_\_\_

# MLV-41 Topo Plan Detail MP 659.3



August 26, 2011 11:12:31 am (loc) \\0-server\Projects\RP-Pre Cons. SP 6 & 7\Drawg\Spread 7 UTM 10\Drawg\Spread 7 UTM 10 Staking Master.dwg

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NO.	DATE	REVISIONS	BY	APP'D
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### GENERAL NOTES

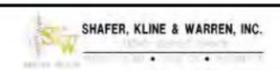
1. Ground Beds are 750'x50', (TYP.)

Designed By \_\_\_\_\_  
 Drawn By: JAO  
 Checked By: \_\_\_\_\_  
 Issue Date: 08-03-11  
 Job No. 108132-01R



RUBY PIPELINE  
 Main Line Valve 41 Topo Plan Detail  
 MILE POST 659.3 Section 19 Township 41  
 South Range 14.5 East LAKE COUNTY, OR

FULL SIZE SCALE: 1"=2000'  
 HALF SIZE SCALE: 1"=4000'



DRAWING:	SHEET NO. 2 OF 4	REV. NO.
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