

# AMENDED RECORD OF SURVEY

(SURVEY M166-24) LOCATED IN  
SECTIONS 10,11,15 AND 17  
TOWNSHIP 29 SOUTH, RANGE 8 WEST, W.M.  
DOUGLAS COUNTY, OREGON

FILED  
Date: 8-24-2015 By: JC  
This survey consists of:  
Map: M166-41 A-D  
Narrative:  
Corner Rpt:

DOUGLAS COUNTY  
SURVEYOR

### CORNER NOTES:

- (141162)  
WEST 1/4 CORNER SECTION 16  
FOUND 2.5" BRASS CAP  
STAMPED COUNTY SURVEYORS  
OFFICE DATED 1958  
BT REFERENCES:  
1) FOUND 31" CEDAR SNAG WITH HEALED FACE  
AND TAG DATED 8/20/76  
N 14-1/2° E - 30.6'  
2) FOUND 9" OAK WITH HEALED FACE  
AND TAG DATED 8/93  
N 28° E - 61.0'  
3) FOUND 12" OAK WITH HEALED FACE  
S 08-1/2° W - 54.9' TO NAIL SIDE CENTER

- (141172)  
EAST 1/4 CORNER SECTIONS 16/9  
FOUND 3.25" BRASS CAP  
STAMPED BLM 1980  
BT REFERENCES:  
1) FOUND 17.5" FIR WITH HEALED FACE  
AND TAG DATED 6/80  
S 08-1/4° W - 14.2'

- (141170)  
E-E 1/64 CORNER SECTIONS 16/9  
FOUND 5/8" IRON ROAD WITH  
YELLOW PLASTIC CAP LANG SURVEYING  
BT REFERENCES:  
1) FOUND 23" FIR WITH HEALED FACE  
AND TAG DATED 12/96  
N 43° 25' E - 5.5'  
2) FOUND 11" FIR WITH HEALED FACE  
AND TAG DATED 12/96  
S 38° 39' E - 43.7'

- (141175)  
NORTH 1/4 CORNER SECTION 16  
FOUND 2.5" BRASS CAP  
STAMPED COUNTY SURVEYORS  
OFFICE DATED 1958  
BT REFERENCES:  
1) FOUND 30" FIR STUMP 6' TALL WITH HEALED FACE  
AND TAG DATED 10/58  
S 35° E - 21.6'  
2) FOUND 15" FIR WITH VISIBLE SCRIBE  
AND TAG DATED 10/30/06  
S 30° E - 15.5'  
3) FOUND 10" FIR WITH VISIBLE SCRIBE  
AND TAG DATED 10/30/06  
S 81° W - 25.2'

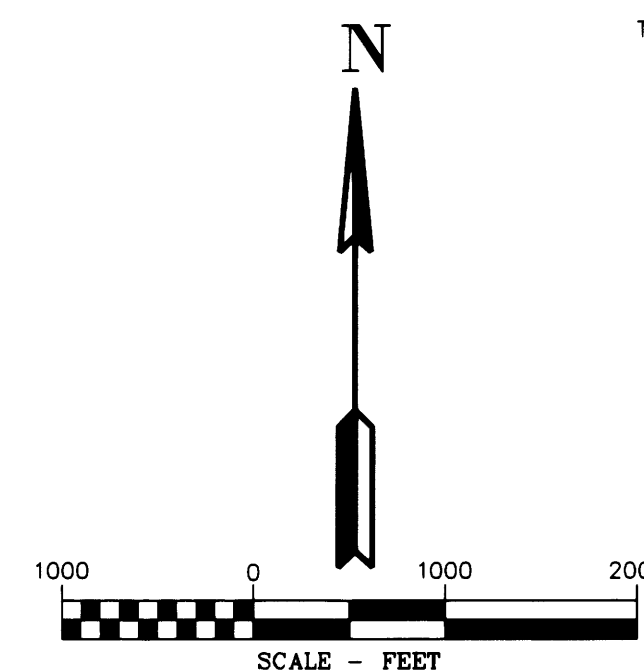
### BASIS OF BEARINGS NOTE:

THE PROJECT DATUM IS BASED ON PREVIOUSLY  
ESTABLISHED PROJECT CONTROL.  
THE DATUM IS VERY CLOSE BUT NOT EXACTLY OREGON  
SOUTH ZONE 3602

THE PROJECT BEARINGS MATCH  
THE OREGON SOUTH ZONE 3602 BEARINGS.

### NOTE:

DISTANCES ARE IN US SURVEY FEET.  
MEAN MERIDIAN CONVERGENCE ANGLE = -2°08'41"



### LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-24 VERIFIED OR RESET THIS AMENDED SURVEY (KLEIN & ASSOC. PLS 59002)
- ⊗ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-24 VERIFIED OR RESET THIS AMENDED SURVEY (DYER PARTNER LS 2340)
- ⊙ FOUND MONUMENT AS NOTED (SEE CORNER NOTES)
- △ CORNER SEARCHED AND NOT FOUND SEE CORNER NOTES
- COMPUTED POINT, NOT MONUMENTED
- ⊗ FOUND QUARTER CORNER SEE CORNER NOTES
- ⊗ FOUND SECTION CORNER SEE CORNER NOTES
- ⊗ COMPUTED QUARTER CORNER
- ⊗ COMPUTED SECTION CORNER
- ① POINT NUMBER
- {xxx.xx'} GROUND DISTANCE
- {xxx.xx'} RECORD DISTANCE PER REFERENCED SURVEY
- R1 REFERENCED SURVEY
- PROPOSED ALIGNMENT
- - - TEMPORARY CONSTRUCTION EASEMENT
- - - - - TEMPORARY WORK AREA

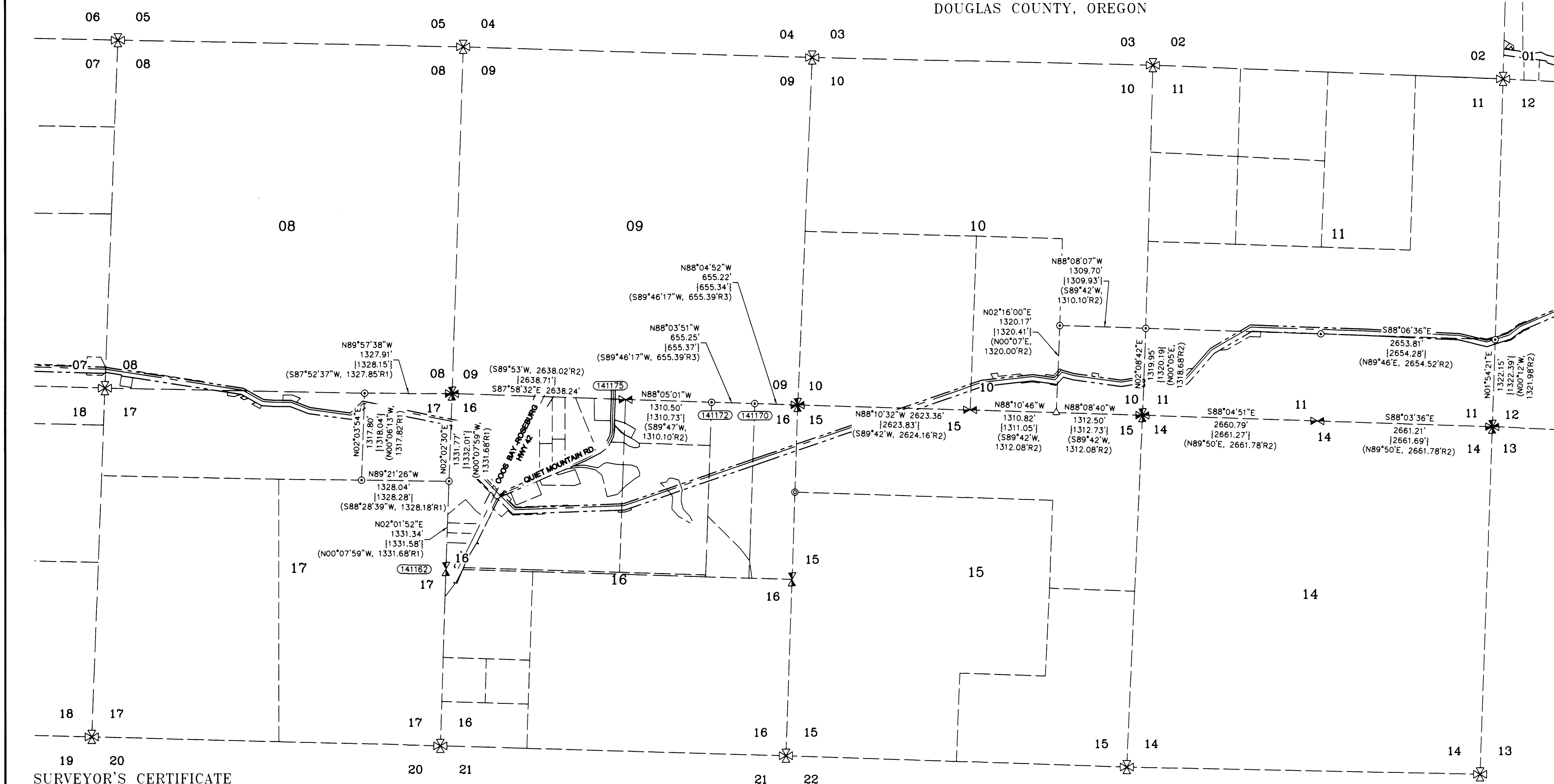
### REFERENCE SURVEYS:

- 1) BLM DEPENDENT RESURVEY NO. 6844 - SEPT. 2, 1998
- 2) BLM DEPENDENT RESURVEY NO. 5889 - JUNE 16, 1983
- 3) PARTITION PLAT NO. 1997-0130 - NOV. 19, 1997

### AMENDMENT NOTE:

PIPELINE DESIGN CHANGES HAVE OCCURRED SINCE THE FILING OF SURVEY M166-24. ALL MONUMENTS SET IN M166-24 THAT ARE NO LONGER PART OF THE UPDATED DESIGN HAVE BEEN REMOVED. NEW MONUMENTS HAVE BEEN SET AS SHOWN HEREON.

THE ADDITIONAL RECORD DATA IS BEING SHOWN ON THIS SURVEY.



### SURVEYOR'S CERTIFICATE

I, JAMES M. KLEIN BEING DULY SWORN AS A PROFESSIONAL LAND SURVEYOR IN THE STATE OF OREGON DO HEREBY CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY CONDUCTED UNDER MY DIRECT SUPERVISION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING LAW, AS ESTABLISHED BY ORS CHAPTER 209, AND HAVE SET THE PROPER MONUMENTS AS REFERENCED IN THE LEGEND BY MY REGISTRATION NUMBER AND SEAL.

FURTHERMORE, I APPROVE THE LOCATION OF THE MONUMENTS AS DEPICTED ON THIS SURVEY DRAWING TO BE IN THEIR PROPER LOCATION.

*James M. Klein*  
JAMES M. KLEIN PLS. 59002

### SURVEYOR'S CERTIFICATE

I, MICHAEL W. ERICKSON BEING DULY SWORN AS A PROFESSIONAL LAND SURVEYOR IN THE STATE OF OREGON DO HEREBY CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY CONDUCTED UNDER MY DIRECT SUPERVISION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING LAW, AS ESTABLISHED BY ORS CHAPTER 209, AND HAVE SET THE PROPER MONUMENTS AS REFERENCED IN THE LEGEND BY MY REGISTRATION NUMBER AND SEAL.

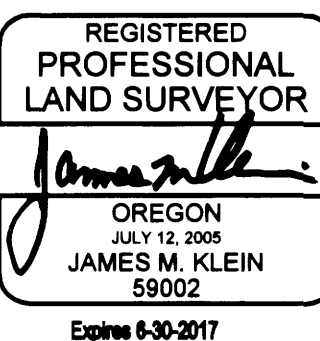
FURTHERMORE, I APPROVE THE LOCATION OF THE MONUMENTS AS DEPICTED ON THIS SURVEY DRAWING TO BE IN THEIR PROPER LOCATION.

*Michael W. Erickson*  
MICHAEL W. ERICKSON PLS. 2340

WILLAMETTE MERIDIAN  
DOUGLAS COUNTY, OREGON  
T.29S., R.08W

		10	11	
		17	15	

SURVEY PERFORMED FOR:  
WILLAMETTE PACIFIC CONNECTOR  
DATE OF MONUMENTATION: FEBRUARY 5, 2014  
PROJECT: 14-02-05 DRAFT: GD, LS  
FILE: RS-29S-RO8W.DWG



### SHEET INDEX:

- SHEET 1 = COVER PAGE TOWNSHIP OVERVIEW
- SHEET 2 = SECTION 15 AND 17
- SHEET 3 = SECTION 10
- SHEET 4 = SECTION 11

### NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO AMEND THE SURVEY FILED AS COUNTY SURVEY NO. M166-24. THIS SURVEY SHOWS ADDITIONAL INFORMATION FOR THE FOUND AND RECORD DATA BETWEEN EXISTING MONUMENTS. THIS SURVEY ALSO HAS AN ADDITIONAL SURVEY CERTIFICATE SHOWN.

THE PUBLIC LAND SURVEY SYSTEM MONUMENTS WERE FOUND AND TIED BY KLEIN & ASSOCIATES. UNDER THE DIRECT SUPERVISION OF JAMES M. KLEIN.

THE PUBLIC LAND MONUMENTS AND BREAKDOWN WAS VERIFIED BY DOUG POPHAM A CERTIFIED FEDERAL SURVEYOR WITH PRIMUM LAND SURVEYING.

THE TEMPORARY CONSTRUCTION EASEMENT WAS SURVEYED AND MONUMENTED BY THE DYER PARTNERSHIP, UNDER THE DIRECT SUPERVISION OF MICHAEL W. ERICKSON. SEE LEGEND SHOWING THE MONUMENT SYMBOLS.

THE INTERSECTION OF THE TEMPORARY CONSTRUCTION EASEMENT AND THE FEDERAL LANDS WERE MONUMENTED BY KLEIN & ASSOCIATES. UNDER THE DIRECT SUPERVISION OF JAMES M. KLEIN. SEE LEGEND SHOWING THE MONUMENT SYMBOLS.

### SCALE FACTOR NOTE

THE DISTANCES SHOWN ON THIS SURVEY ARE GRID DISTANCES UNLESS NOTED.  
THE COMBINED SCALE FACTOR = 0.999821141  
TO CONVERT FROM GRID TO GROUND MULTIPLY THE DISTANCE BY 1.000178891.

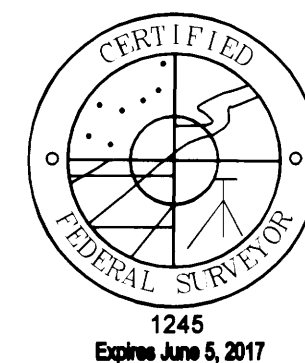
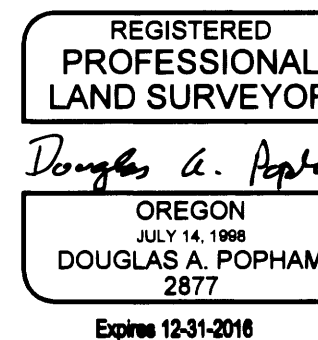
EXAMPLE: 300.00' GRID DISTANCE  
300.00' x 1.000178891 = 300.05' GROUND DISTANCE.

### SURVEYOR'S CERTIFICATE

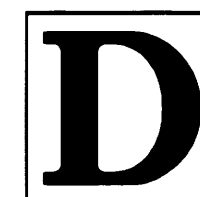
I, DOUGLAS A. POPHAM BEING DULY SWORN AS A PROFESSIONAL LAND SURVEYOR IN THE STATE OF OREGON, ALSO BEING A CERTIFIED FEDERAL SURVEYOR, DO HEREBY CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY THAT I HAVE REVIEWED AND VERIFIED. THIS SURVEY CONFORMS WITH THE REQUIREMENTS OF THE STATE OF OREGON SURVEY RECORDING LAW, AS ESTABLISHED BY ORS CHAPTER 209.

FURTHERMORE, I APPROVE THE DESCRIPTIONS, DIMENSIONS AND LOCATIONS OF THE RECOVERED MONUMENTS AS DEPICTED HEREON.

*Douglas A. Popham*  
DOUGLAS A. POPHAM PLS. 2877  
CFDS 1245



**Primm Land Surveying, Inc.**  
1340 NE 4th Street, Hermiston, OR 97838  
TEL (541) 564-7887 FAX (541) 567-8020



**THE DYER PARTNERSHIP  
ENGINEERS & PLANNERS, INC.**  
1330 Teakwood Avenue / Coos Bay, Oregon 97420  
(541) 269-0732 / WWW.DYERPART.COM



PACIFIC CONNECTOR GAS PIPELINE PROJECT  
PACIFIC CONNECTOR GAS PIPELINE, LP

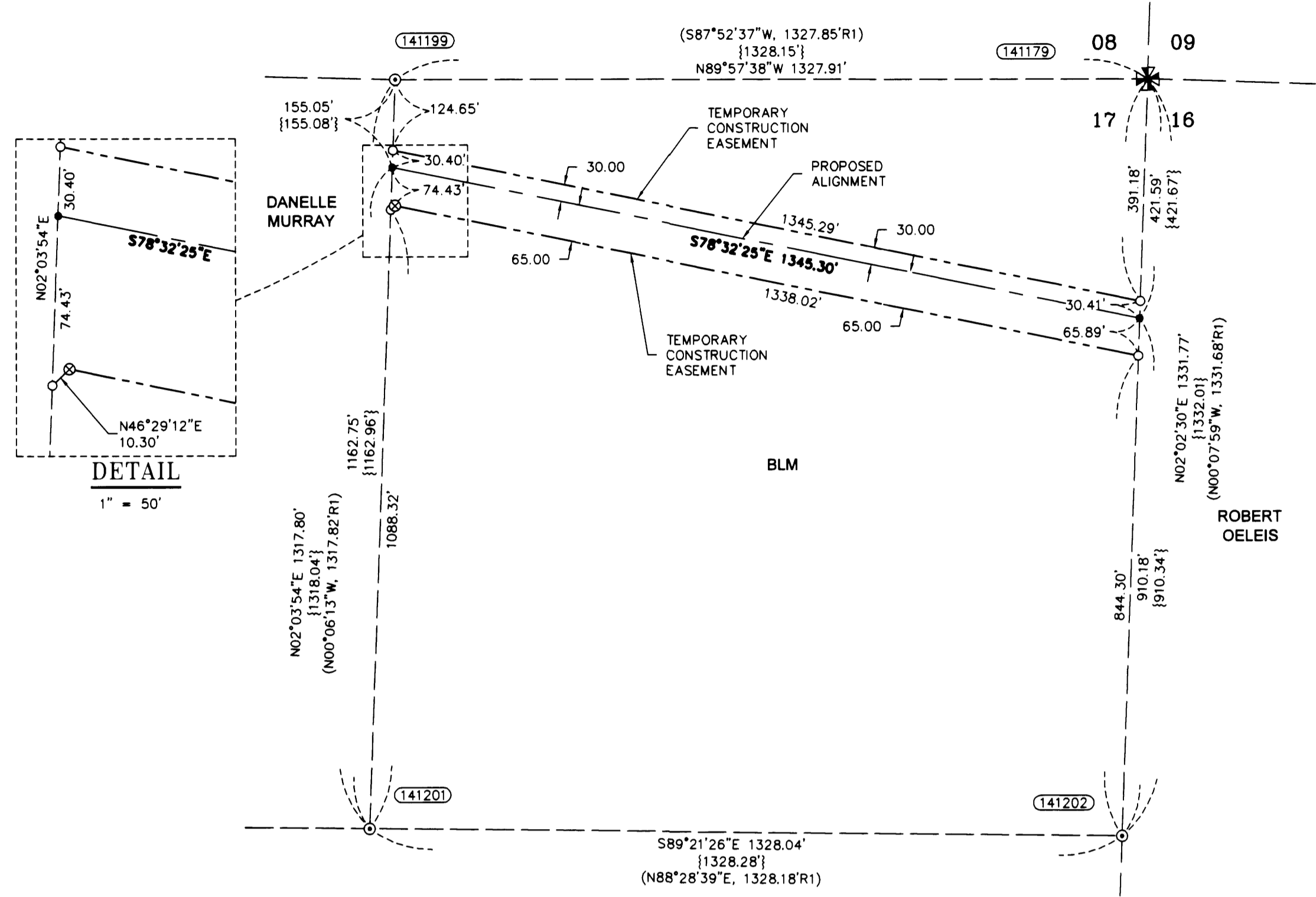
RECORD OF SURVEY  
TOWNSHIP 29 SOUTH, RANGE 8 WEST, W.M.  
DOUGLAS COUNTY, OREGON

DRAWN BY: GJD	DATE: 06-01-2015	ISSUED FOR BID:	SCALE: 1" = 1000'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 1 OF 4

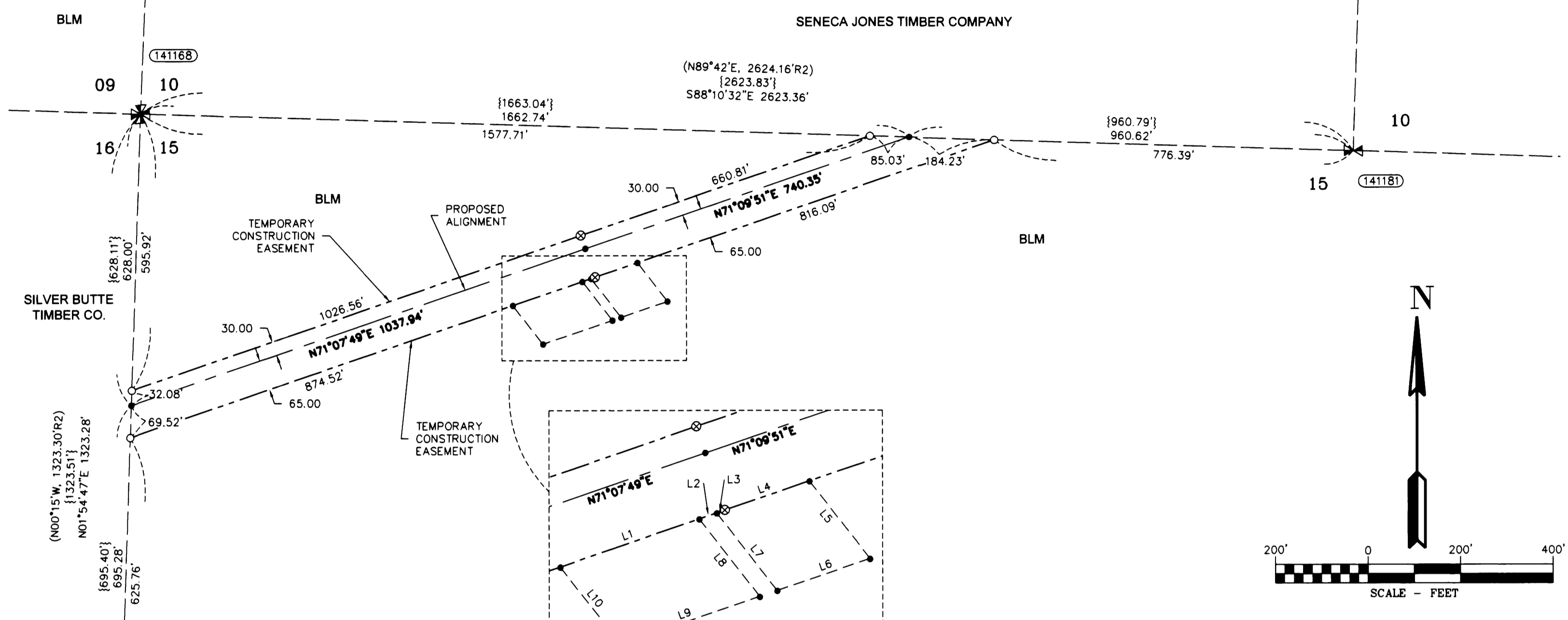
# AMENDED RECORD OF SURVEY

(SURVEY M166-24)  
 LOCATED IN THE  
 NE 1/4 OF SECTION 17  
 AND  
 NW 1/4 OF SECTION 15  
 TOWNSHIP 29 SOUTH, RANGE 8 WEST, W.M.  
 DOUGLAS COUNTY, OREGON

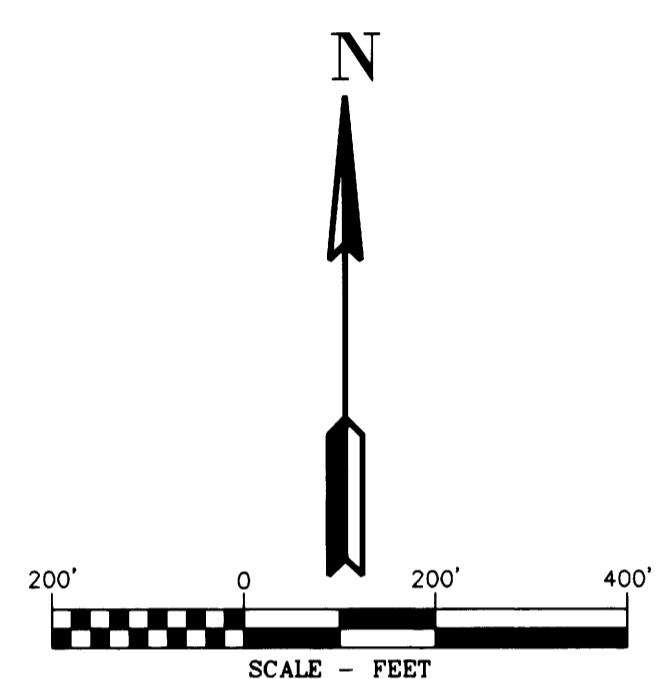
FILED  
 Date: 8-24-2015 By: JC  
 This survey consists of:  
 Map: M166-41 A-D  
 Narrative:  
 Corner Rpt:  
 DOUGLAS COUNTY  
 SURVEYOR



AREA SECTION 17	
TEMPORARY CONSTRUCTION EASEMENT	2.93 ACRES



AREA SECTION 15	
TEMPORARY CONSTRUCTION EASEMENT	3.99 ACRES
TEMPORARY WORK AREA	0.61 ACRES



### CORNER NOTES:

- (141179)**  
 NE CORNER SECTION 17  
 FOUND 2.5" BRASS CAP  
 STAMPED COUNTY  
 SURVEYORS OFFICE 1958  
 RESET 2009.  
 BT REFERENCES:  
 1) FOUND 27" CEDAR WITH HEALED FACE  
 AND TAG DATED 11/95  
 N 49° E - 47.5'  
 2) FOUND 17" FIR WITH HEALED FACE  
 AND TAG DATED 11/95  
 S 57° E - 35.0'  
 3) FOUND 22" FIR WITH HEALED FACE  
 AND TAG DATED 11/95  
 S 68-1/4" W - 46.9'  
 4) FOUND 23" CEDAR WITH HEALED FACE  
 AND TAG DATED 11/95  
 N 11-1/2" W - 60.1'
- (141199)**  
 EAST 1/16 CORNER SECTIONS 17/8  
 FOUND 2" ALUMINUM CAP  
 STAMPED R.R.CO LS 2354 DATED 1995  
 BT REFERENCES:  
 1) FOUND 18" FIR WITH HEALED FACE  
 N 03-1/2" E - 35.6'  
 2) FOUND 18" FIR SNAG 40" TALL WITH HEALED FACE  
 AND TAG DATED 11/95  
 N 48-1/4" E - 37.0'  
 3) FOUND 20" FIR WITH HEALED FACE  
 AND TAG DATED 11/95  
 S 75-3/4" E - 33.7'  
 4) FOUND 20" FIR WITH HEALED FACE  
 AND TAG DATED 11/95  
 S 47° E - 40.3'  
 FOUND 3.25" BLM BRASS CAP BEARS  
 S 71°29' E - 29.2'  
 STAMPED AM 29.2 FT TO COR 1995
- (141201)**  
 NE 1/16 CORNER SECTION 17  
 FOUND 3.25" BRASS CAP  
 STAMPED BLM 1995  
 BT REFERENCES:  
 1) FOUND 9.5" OAK WITH HEALED FACE  
 AND TAG DATED 11/95  
 N 43-3/4" E - 62.7'  
 2) FOUND 19" FIR WITH HEALED FACE  
 AND TAG DATED 11/95  
 N 0-1/4" E - 15.8'
- (141202)**  
 NORTH 1/16 CORNER SECTIONS 16/17  
 FOUND 3.25" BRASS CAP  
 STAMPED BLM 1995  
 BT REFERENCES:  
 1) FOUND 8" OAK WITH HEALED FACE  
 S 14-3/4" E - 50.8'  
 2) FOUND 23" FIR WITH HEALED FACE  
 AND TAG DATED 11/95  
 N 59-1/2" W - 16.8'

### LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-24 VERIFIED OR RESET THIS AMENDED SURVEY. (KLEIN & ASSOC. PLS 59002)
- ⊙ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-24 VERIFIED OR RESET THIS AMENDED SURVEY. (DYER PARTNER LS 2340)
- ⊙ FOUND MONUMENT AS NOTED (SEE CORNER NOTES)
- ▲ CORNER SEARCHED AND NOT FOUND SEE CORNER NOTES
- COMPUTED POINT, NOT MONUMENTED
- ⚡ FOUND QUARTER CORNER SEE CORNER NOTES
- ✱ FOUND SECTION CORNER SEE CORNER NOTES
- ⊗ COMPUTED QUARTER CORNER
- ⊗ COMPUTED SECTION CORNER
- 100000 POINT NUMBER
- {xxx.xx'} GROUND DISTANCE
- {xxx.xx'} RECORD DISTANCE PER REFERENCED SURVEY
- R1 REFERENCED SURVEY
- PROPOSED ALIGNMENT
- - - - - TEMPORARY CONSTRUCTION EASEMENT
- - - - - TEMPORARY WORK AREA

### REFERENCE SURVEYS:

- 1) BLM DEPENDENT RESURVEY NO. 6844 - SEPT. 2, 1998
- 2) BLM DEPENDENT RESURVEY NO. 5889 - JUNE 16, 1983
- 3) PARTITION PLAT NO. 1997-0130 - NOV. 19, 1997

REGISTERED  
 PROFESSIONAL  
 LAND SURVEYOR  
 Douglas A. Popham  
 OREGON  
 JULY 14, 1998  
 DOUGLAS A. POPHAM  
 2877  
 Expires 12-31-2016

CERTIFIED  
 FEDERAL SURVEYOR  
 1245  
 Expires June 5, 2017

Primm Land Surveying, Inc.  
 1340 NE 4th Street, Hermiston, OR 97838  
 TEL (541) 564-7887 FAX (541) 567-8020

REGISTERED  
 PROFESSIONAL  
 LAND SURVEYOR  
 Michael W. Erickson  
 OREGON  
 JULY 28, 1989  
 MICHAEL W. ERICKSON  
 6240  
 Expires 12-31-2015

REGISTERED  
 PROFESSIONAL  
 LAND SURVEYOR  
 James M. Klein  
 OREGON  
 JULY 12, 2009  
 JAMES M. KLEIN  
 59002  
 Expires 6-30-2017

**D** THE DYER PARTNERSHIP  
 ENGINEERS & PLANNERS, INC.  
 1330 Teakwood Avenue / Coos Bay, Oregon 97420  
 (541) 269-0732 / WWW.DYERPART.COM

**KA** Klein & Associates, Inc.  
 ENGINEERING • SURVEYING • PLANNING  
 1411 13th Street - Hood River, OR 97031  
 TEL: 541-386-3322 • FAX: 541-386-2616

### CORNER NOTES:

- (141168)**  
 NW CORNER SECTION 15  
 FOUND 2.5" BRASS CAP  
 STAMPED COUNTY  
 SURVEYORS OFFICE 1958  
 BT REFERENCES:  
 1) FOUND 48" FIR STUMP  
 AND TAG DATED 3/1/78  
 N 10° E - 24.5'  
 2) FOUND 23.5" FIR WITH HEALED FACE  
 TAG DATED 3/1/78  
 S 13° E - 34.0'  
 3) FOUND 16" FIR WITH HEALED FACE  
 AND TAG DATED 3/1/78  
 S 59° W - 41.0'  
 4) FOUND 19" FIR WITH HEALED FACE  
 N 71° W - 15.4'
- (141184)**  
 NORTH 1/4 CORNER SECTION 15  
 FOUND 3.25" BRASS CAP  
 STAMPED BLM 1980  
 BT REFERENCES:  
 1) FOUND 15" FIR SNAG 12" TALL WITH HEALED FACE  
 AND TAG DATED 7/80  
 S 0-1/2" W - 6.9'  
 2) FOUND 22" FIR WITH HEALED FACE  
 TAG DATED 7/80  
 N 50° W - 24.4'  
 3) FOUND BT. PER M166-24  
 21.5" CHINQUAPIN WITH BLAZED FACE  
 AND TAG DATED 4/12/14  
 S 40° W - 13.2' TO NAIL SIDE CENTER
- (141185)**  
 NORTH 1/16 CORNER SECTIONS 15/16  
 FOUND 3.25" BRASS CAP  
 STAMPED BLM 1982  
 BT REFERENCES:  
 1) FOUND 16" FIR WITH HEALED FACE  
 AND TAG DATED 7/82  
 N 78° E - 10.9'  
 2) FOUND 19" FIR WITH HEALED FACE  
 AND TAG DATED 7/82  
 N 77-1/2" W - 18.8'
- (141189)**  
 WEST 1/4 CORNER SECTION 15  
 FOUND 3.25" BRASS CAP  
 STAMPED BLM 1982  
 BT REFERENCES:  
 1) FOUND 18.5" FIR WITH HEALED FACE  
 AND TAG DATED 7/82  
 S 85° E - 13.2'  
 2) FOUND 19" FIR WITH HEALED FACE  
 AND TAG DATED 7/82  
 N 24-1/2" W - 19.8'

### LINE TABLE

Line #	Direction	Length
L1	N71°07'49"E	158.80'
L2	N71°07'49"E	20.02'
L3	N71°07'49"E	9.28'
L4	N71°09'51"E	96.60'
L5	N38°01'58"W	105.89'
L6	N71°09'51"E	105.89'
L7	S38°01'54"E	105.88'
L8	N38°02'03"W	105.87'
L9	N71°07'53"E	158.80'
L10	S38°01'56"E	105.87'

PACIFIC CONNECTOR GAS PIPELINE PROJECT  
 PACIFIC CONNECTOR GAS PIPELINE, LP  
 SECTION 15 & 17  
 RECORD OF SURVEY  
 TOWNSHIP 29 SOUTH, RANGE 8 WEST, W.M.  
 DOUGLAS COUNTY, OREGON

**Pacific Connector**  
 GAS PIPELINE

DRAWN BY: GJD	DATE: 06-01-2015	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 2 OF 4

# AMENDED RECORD OF SURVEY

(SURVEY M166-24)  
 LOCATED IN THE  
 SE 1/4 OF SECTION 10  
 TOWNSHIP 29 SOUTH, RANGE 8 WEST, W.M.  
 DOUGLAS COUNTY, OREGON

FILED  
 Date: 8-24-2015 By: JC  
 This survey consists of:  
 Map: M166-41 A-D  
 Narrative:  
 Corner Rpt:  
 DOUGLAS COUNTY  
 SURVEYOR

### LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-24 VERIFIED OR RESET THIS AMENDED SURVEY. (KLEIN & ASSOC. PLS 59002)
- ⊗ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-24 VERIFIED OR RESET THIS AMENDED SURVEY. (DYER PARTNER LS 2340)
- ⊙ FOUND MONUMENT AS NOTED (SEE CORNER NOTES)
- △ CORNER SEARCHED AND NOT FOUND SEE CORNER NOTES
- COMPUTED POINT, NOT MONUMENTED
- ⚡ FOUND QUARTER CORNER SEE CORNER NOTES
- ⊗ FOUND SECTION CORNER SEE CORNER NOTES
- ⊗ COMPUTED QUARTER CORNER
- ⊗ COMPUTED SECTION CORNER
- 100000 POINT NUMBER
- {xxx.xx'} GROUND DISTANCE
- {xxx.xx'} RECORD DISTANCE PER REFERENCED SURVEY
- R1 REFERENCED SURVEY
- PROPOSED ALIGNMENT
- - - - - TEMPORARY CONSTRUCTION EASEMENT
- - - - - TEMPORARY WORK AREA

### CORNER NOTES:

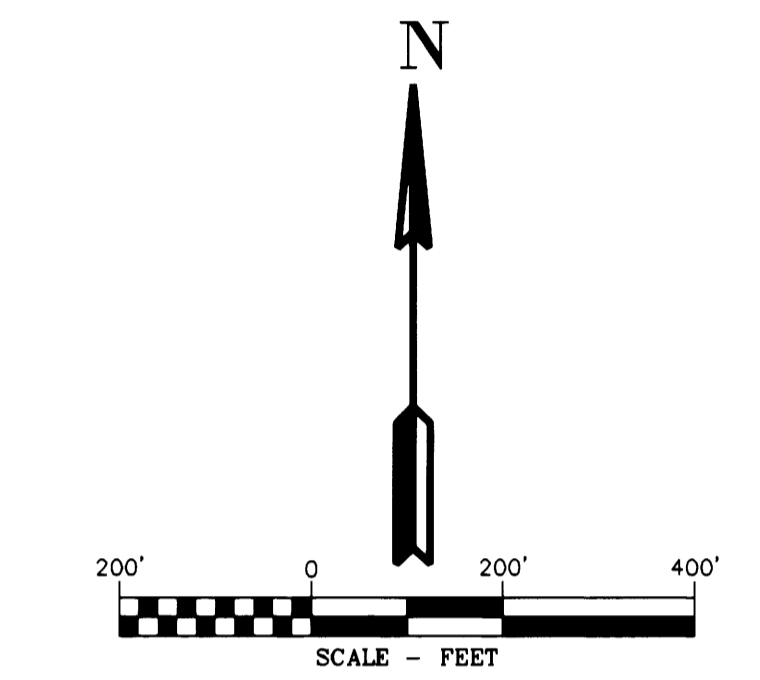
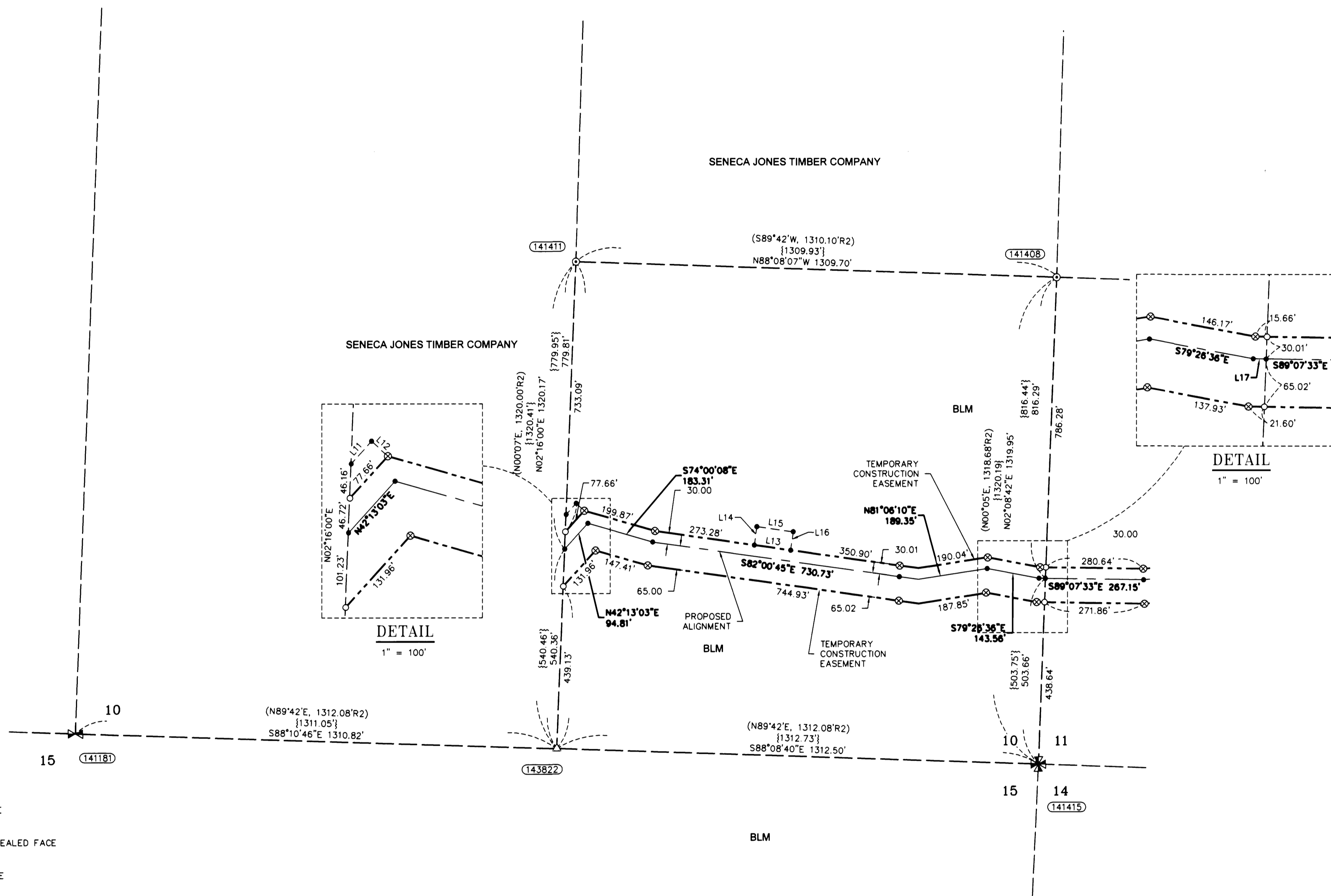
(14118) NORTH 1/4 CORNER SECTION 15  
 FOUND 3.25" BRASS CAP  
 STAMPED BLM 1980  
 BT REFERENCES:  
 1) FOUND 15" FIR SNAG 12' TALL WITH HEALED FACE AND TAG DATED 7/80  
 S 0-1/2" W - 6.9'  
 2) FOUND 22" FIR WITH HEALED FACE TAG DATED 7/80  
 N 50° W - 24.4'  
 3) FOUND BT PER M166-24  
 21.5" CHINQUAPIN WITH BLAZED FACE AND TAG DATED 4/12/14  
 S 40° W - 13.2' TO NAIL SIDE CENTER

(14140) SOUTH 1/16 CORNER SECTIONS 10/11  
 FOUND 3.25" BRASS CAP  
 STAMPED BLM 1980  
 BT REFERENCES:  
 1) FOUND 19" FIR WITH HEALED FACE AND TAG DATED 6/80  
 N 70-1/4° E - 46.2'

(14141) SE 1/16 CORNER SECTION 10  
 FOUND 3.25" BRASS CAP  
 STAMPED BLM 1980  
 BT REFERENCES:  
 1) FOUND 23" FIR WITH HEALED FACE AND TAG DATED 7/80  
 N 37° W - 31.7'

(14141) SE CORNER SECTION 10  
 FOUND 2.5" BRASS CAP  
 STAMPED COUNTY SURVEYORS  
 OFFICE DATED 1958  
 BT REFERENCES:  
 1) FOUND 19" FIR WITH HEALED FACE AND TAG DATED 2/08  
 N 28° E - 44.9'  
 2) FOUND 16" FIR STUMP 10' TALL HEALED FACE AND TAG DATED 2/08  
 S 85° E - 33.3'  
 3) FOUND 23" FIR WITH HEALED FACE AND TAG DATED 5/80  
 S 25° W - 25.7'  
 4) FOUND 25" CEDAR WITH HEALED FACE AND TAG DATED 5/80  
 N 36-1/2° W - 13.3'

(14382) EAST 1/16 CORNER SECTIONS 10/15  
 NO MONUMENT WAS FOUND OR SET AT THIS CORNER POSITION.  
 THE CORNER IS LOCATED IN A LAND SLIDE AREA. THE MONUMENT IS BELIEVED TO HAVE BEEN REMOVED OR UNDER THE LAND SLIDE.  
 THE CORNER POSITION WAS ESTABLISHED USING FOUND BEARING TREE REFERENCES AS NOTED BELOW.  
 BT REFERENCES:  
 1) FOUND 22" FIR SNAG 20' TALL WITH HEALED FACE AND TAG DATED 7/80  
 N 35-1/2° E - 50.8'  
 2) FOUND 23" FIR WITH HEALED FACE AND TAG DATED 7/80  
 S 15° E - 21.5'  
 3) SET NEW BEARING TREE  
 14.5" FIR (SCRIBED E 1/16 S 15 BT)  
 S 86° W - 48.8 TO NAIL SIDE CENTER



AREA SECTION 10

TEMPORARY CONSTRUCTION EASEMENT	2.97 ACRES
TEMPORARY WORK AREA	0.15 ACRES

- REFERENCE SURVEYS:
- 1) BLM DEPENDENT RESURVEY NO. 6844 - SEPT. 2, 1998
  - 2) BLM DEPENDENT RESURVEY NO. 5889 - JUNE 16, 1983
  - 3) PARTITION PLAT NO. 1997-0130 - NOV. 19, 1997

### LINE TABLE

Line #	Direction	Length
L11	N42°13'03"E	41.76'
L12	S47°56'28"E	30.00'
L13	S82°00'44"E	100.00'
L14	N07°54'14"E	50.00'
L15	S82°00'45"E	100.00'
L16	S07°54'14"W	50.00'
L17	S89°07'33"E	17.54'

REGISTERED PROFESSIONAL LAND SURVEYOR  
 Douglas A. Popham  
 OREGON JULY 14, 1988  
 DOUGLAS A. POPHAM 2877  
 Expires 12-31-2016

CERTIFIED FEDERAL SURVEYOR  
 1245  
 Expires June 5, 2017

REGISTERED PROFESSIONAL LAND SURVEYOR  
 Michael W. Erickson  
 OREGON JULY 28, 1988  
 MICHAEL W. ERICKSON 2340  
 Expires 12-31-2016

REGISTERED PROFESSIONAL LAND SURVEYOR  
 James M. Klein  
 OREGON JULY 12, 2005  
 JAMES M. KLEIN 59002  
 Expires 6-30-2016

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 ENGINEERING • SURVEYING • PLANNING  
 1411 13th Street • Hood River, OR 97031  
 TEL: 541-386-3322 • FAX: 541-386-2516

PACIFIC CONNECTOR GAS PIPELINE PROJECT  
 PACIFIC CONNECTOR GAS PIPELINE, LP  
 SECTION 10  
 RECORD OF SURVEY  
 TOWNSHIP 29 SOUTH, RANGE 8 WEST, W.M.  
 DOUGLAS COUNTY, OREGON

**Pacific Connector GAS PIPELINE**

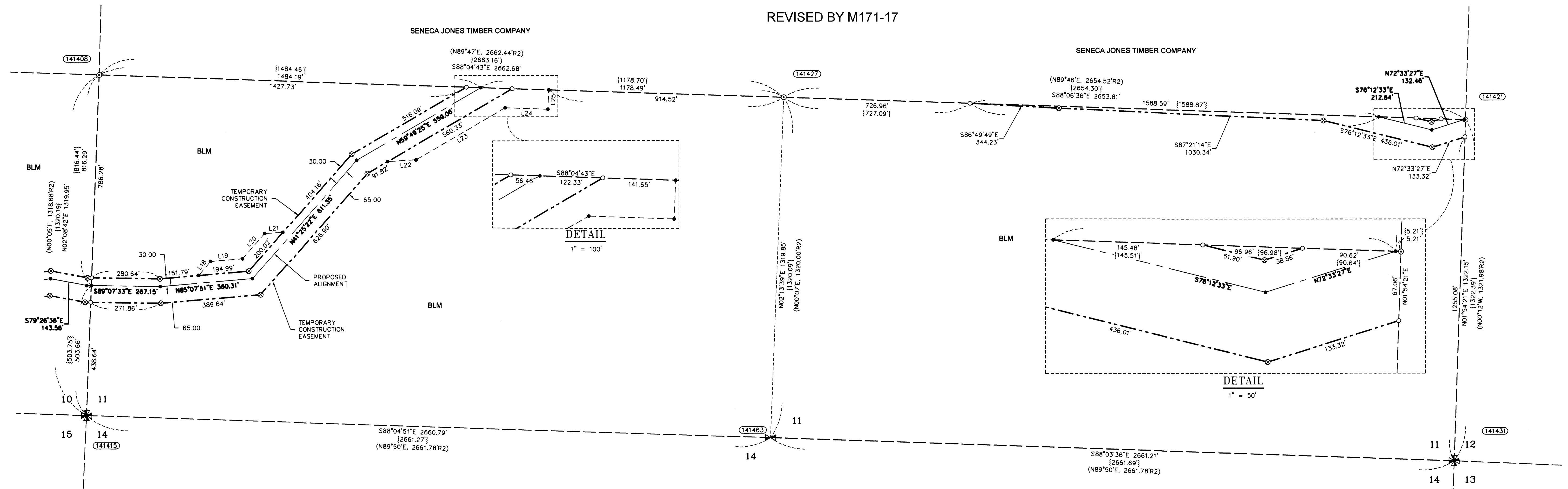
DRAWN BY: GJD	DATE: 06-01-2015	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 3 OF 4

# AMENDED RECORD OF SURVEY

(SURVEY M166-24)  
 LOCATED IN THE  
 SW 1/4 AND SE 1/4 OF SECTION 11  
 TOWNSHIP 29 SOUTH, RANGE 8 WEST, W.M.  
 DOUGLAS COUNTY, OREGON

REVISED BY M171-17

FILED  
 Date: 8-24-2015 By: SC  
 This survey consists of:  
 Map: M166-24 A-D  
 Narrative: REVISED BY M171-17  
 Corner Rpt.:  
**DOUGLAS COUNTY SURVEYOR**



**CORNER NOTES:**

- (141408)**  
 SOUTH 1/16 CORNER SECTIONS 10/11  
 FOUND 3.25" BRASS CAP  
 STAMPED BLM 1980  
 BT REFERENCES:  
 1) FOUND 19" FIR WITH HEALED FACE  
 AND TAG DATED 6/80  
 N 70-1/4° E - 46.2'
- (141415)**  
 SW CORNER SECTION 11  
 FOUND 2.5" BRASS CAP  
 STAMPED COUNTY SURVEYORS  
 OFFICE DATED 1988  
 BT REFERENCES:  
 1) FOUND 19" FIR WITH HEALED FACE  
 AND TAG DATED 2/08  
 N 28° E - 44.9'  
 2) FOUND 16" FIR STUMP 10' TALL HEALED FACE  
 AND TAG DATED 2/08  
 S 85° E - 33.3'  
 3) FOUND 23" FIR WITH HEALED FACE  
 AND TAG DATED 5/80  
 S 25° W - 25.7'  
 4) FOUND 25" CEDAR WITH HEALED FACE  
 AND TAG DATED 5/80  
 N 36-1/2° W - 13.3'
- (141421)**  
 SOUTH 1/16 CORNER SECTIONS 11/12  
 FOUND 3.25" BRASS CAP  
 STAMPED BLM 1980  
 BT REFERENCES:  
 1) FOUND 19" CEDAR WITH HEALED FACE  
 AND TAG DATED 5/80  
 S 26° E - 78.5'  
 2) FOUND 42" FIR WITH HEALED FACE  
 AND TAG DATED 5/80  
 S 06° W - 19.1'
- (141427)**  
 CS 1/16 CORNER SECTION 11  
 FOUND 3.25" BRASS CAP  
 STAMPED BLM 1980  
 BT REFERENCES:  
 1) FOUND 5" FIR WITH HEALED FACE  
 AND TAG DATED 6/80  
 S 0-1/2° E - 25.7'
- (141463)**  
 SOUTH 1/4 CORNER SECTION 11  
 FOUND 3.25" BRASS CAP  
 STAMPED BLM DATED 1980  
 BT REFERENCES:  
 NOTE - NO BEARING TREES FOUND  
 BT'S HAVE FALLEN OVER OR LOGGED.  
 1) FOUND BT. PER M166-24  
 51" FIR WITH BLAZED FACE  
 AND TAG DATED 5/14/14  
 N 11° W - 30.35' TO NAIL SIDE CENTER  
 NO TREES AVAILABLE IN SECTION 14.
- (141433)**  
 SE CORNER SECTION 11  
 FOUND 2.5" BRASS CAP  
 STAMPED U.S. GLO. DATED 1924  
 BT REFERENCES:  
 1) FOUND 43" MADRONE WITH HEALED FACE  
 AND TAG DATED 4/7/77  
 N 25° E - 48.1'  
 2) FOUND 26" FIR WITH HEALED FACE  
 AND TAG DATED 4/58  
 S 81° E - 12.0'  
 3) FOUND 26" FIR WITH BLAZED FACE  
 AND TAG DATED 4/58  
 S 68° W - 3'  
 4) FOUND BT. PER M166-24  
 5" FIR WITH BLAZED FACE  
 AND TAG DATED 5/10/14  
 N 13° W - 13.4' TO NAIL SIDE CENTER  
 5) FOUND BT. PER M166-24  
 12" FIR WITH BLAZED FACE  
 AND SET TAG DATED 5/10/14  
 N 40° E - 47.1' TO NAIL SIDE CENTER

**LEGEND**

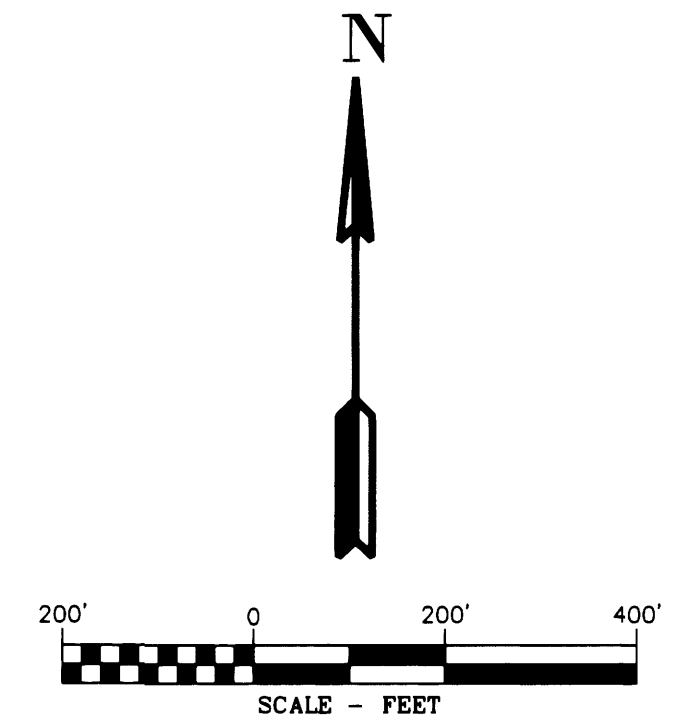
- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-24 VERIFIED OR RESET THIS AMENDED SURVEY. (KLEIN & ASSOC. PLS 59002)
- ⊗ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-24 VERIFIED OR RESET THIS AMENDED SURVEY (DYER PARTNER LS 2340)
- FOUND MONUMENT AS NOTED (SEE CORNER NOTES)
- △ CORNER SEARCHED AND NOT FOUND SEE CORNER NOTES
- COMPUTED POINT, NOT MONUMENTED
- ⊗ FOUND QUARTER CORNER SEE CORNER NOTES
- ⊗ FOUND SECTION CORNER SEE CORNER NOTES
- ⊗ COMPUTED QUARTER CORNER
- ⊗ COMPUTED SECTION CORNER
- (100000) POINT NUMBER
- {XXX.XX'} GROUND DISTANCE
- {XXX.XX'} RECORD DISTANCE PER REFERENCED SURVEY
- R1 REFERENCED SURVEY
- PROPOSED ALIGNMENT
- - - - - TEMPORARY CONSTRUCTION EASEMENT
- - - - - TEMPORARY WORK AREA

**REFERENCE SURVEYS:**

- 1) BLM DEPENDENT RESURVEY NO. 6844 - SEPT. 2, 1998
- 2) BLM DEPENDENT RESURVEY NO. 5889 - JUNE 16, 1983
- 3) PARTITION PLAT NO. 1997-0130 - NOV. 19, 1997

**LINE TABLE**

Line #	Direction	Length
L18	N40°07'51"E	70.71'
L19	N85°07'51"E	124.94'
L20	N41°25'22"E	129.95'
L21	N86°25'00"E	70.72'
L22	N86°31'38"E	111.27'
L23	N59°49'25"E	400.23'
L24	S87°55'13"E	166.29'
L25	N02°04'47"E	75.07'



**AREA SECTION 11**

TEMPORARY CONSTRUCTION EASEMENT	5.27 ACRES
TEMPORARY WORK AREA	1.20 ACRES

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 OREGON  
 JULY 14, 1998  
 DOUGLAS A. POPHAM  
 2877  
 Expires 12-31-2016

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 Expires June 6, 2017

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 JULY 28, 1982  
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 OREGON  
 JULY 12, 2009  
 JAMES M. KLEIN  
 59002  
 Expires 6-30-2017

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