

# AMENDED RECORD OF SURVEY

(SURVEY M166-38)  
LOCATED IN THE S 1/2 OF SECTION 7  
AND THE  
E 1/2 OF SECTION 17  
TOWNSHIP 29 SOUTH, RANGE 4 WEST, WILLAMETTE MERIDIAN  
DOUGLAS COUNTY, OREGON

**FILED**  
DATE: 5-24-2017 BY: J.C.  
THIS SURVEY CONSISTS OF:  
MAP FILE: 29A-D  
DOUGLAS COUNTY  
REGISTERED

### LEGEND

- 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-38A-D VERIFIED OR RESET THIS AMENDED SURVEY. (KLEIN & ASSOC. LS 59002)
- ⊗ 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-38A-D VERIFIED OR RESET THIS AMENDED SURVEY. (DYER PARTNER LS 2340)
- 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-38A-D VERIFIED OR RESET THIS AMENDED SURVEY. (KITZ 1853LS)
- ⊙ FOUND MONUMENT AS NOTED (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
- POINT NUMBER
- {XXX.XX'} GROUND DISTANCE
- {XXX.XX'} RECORD DISTANCE PER REFERENCED SURVEY
- R1 REFERENCED SURVEY
- PROPOSED ALIGNMENT
- TEMPORARY CONSTRUCTION EASEMENT
- TEMPORARY WORK AREA
- POWER TRANSMISSION LINE

### SURVEYOR'S CERTIFICATE

I, RICHARD R. KITZ 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.

*Richard R. Kitz*  
RICHARD R. KITZ PLS. 1853

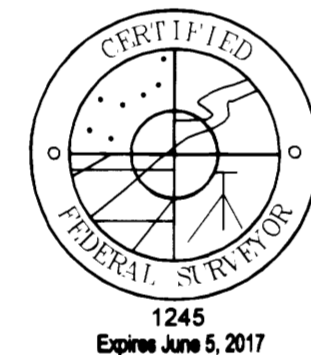
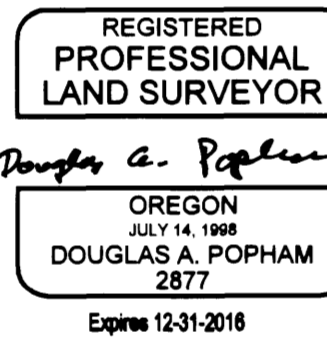


### SURVEYOR'S CERTIFICATE

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  
CFEDS 1245

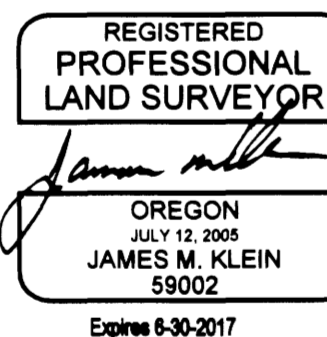


### SURVEYOR'S CERTIFICATE

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

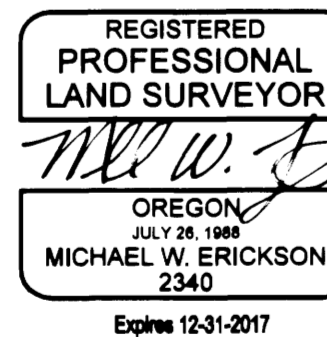


### SURVEYOR'S CERTIFICATE

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



### NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO MONUMENT THE TEMPORARY CONSTRUCTION CORRIDOR FOR THE WILLIAMS PACIFIC CONNECTOR GAS LINE WITHIN THE BLM LANDS, LOCATED IN SECTIONS 7 AND 17, TOWNSHIP 29 SOUTH, RANGE 4 WEST OF THE WILLAMETTE MERIDIAN.

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 PRIMM LAND SURVEYING.

THE TEMPORARY CONSTRUCTION EASEMENT WAS SURVEYED AND MONUMENTED BY THE DYER PARTNERSHIP, UNDER THE DIRECT SUPERVISION OF MICHAEL W. ERICKSON, KLEIN & ASSOCIATES INC, UNDER THE DIRECT SUPERVISION OF JAMES M. KLEIN AND EASTSIDE SURVEYING UNDER THE DIRECT SUPERVISION OF RICHARD R. KITZ, SEE LEGEND SHOWING THE MONUMENT SYMBOLS.

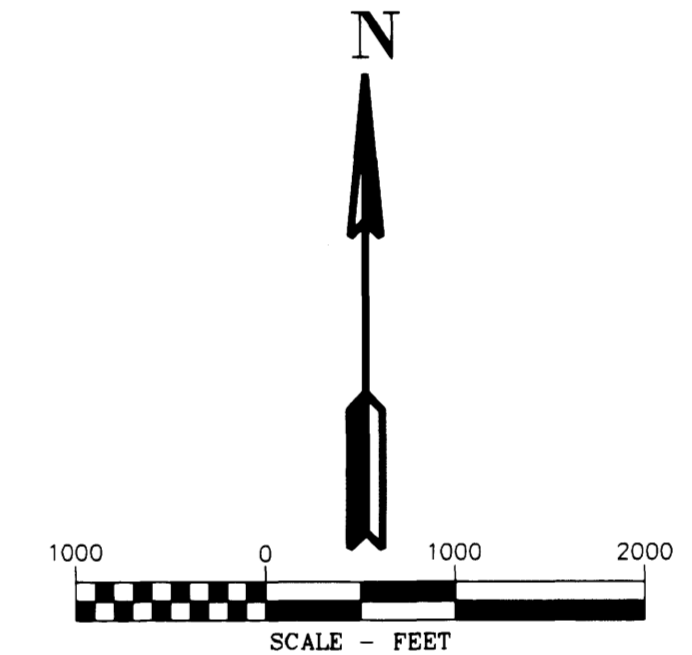
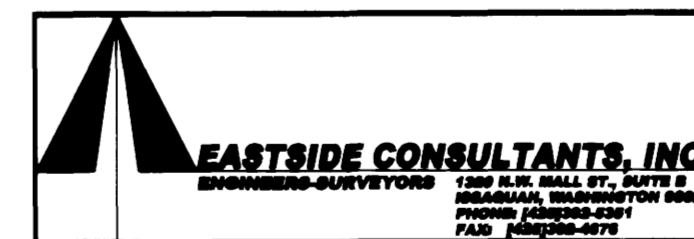
THE INTERSECTION OF THE TEMPORARY CONSTRUCTION EASEMENT AND THE FEDERAL LANDS WERE MONUMENTED BY KLEIN & ASSOCIATES, UNDER THE DIRECT SUPERVISION OF JAMES M. KLEIN. SEE LEGEND SHOWING THE MONUMENT SYMBOLS.

### SHEET INDEX:

- SHEET 1 = COVER PAGE TOWNSHIP OVERVIEW
- SHEET 2 = SECTION 7
- SHEET 3 = SECTION 17
- SHEET 4 = SECTION 17

### REFERENCES:

- R1) CORRECTIVE DEPENDENT RESURVEY, DEPENDENT RESURVEY AND SUBDIVISION OF SECTIONS, APPROVED MARCH 5, 1997. C.S. #1997A
- R2) DEPENDENT RESURVEY AND SUBDIVISION OF SECTIONS, APPROVED APRIL 20, 1990. C.S. #1990
- R3) LAND PARTITION FILED AS DOCUMENT NO. 2007-0087
- R4) RECORD OF SURVEY NO. M157-36
- R5) RECORD OF SURVEY NO. M166-38A-D



### 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 IN US SURVEY FEET.

**NOTE:**  
DISTANCES ARE IN US SURVEY FEET.  
MEAN MERIDIAN CONVERGENCE ANGLE = -1°51'16"

### AMENDED NOTE

THIS SURVEY IS INTENDED TO AMEND SURVEY NO. M166-38 FILED ON AUGUST 12, 2015.  
PAGES 3 AND 4 OF SAID SURVEY NO. M166-38 DEPICTS MONUMENTS SET BY MICHAEL ERICKSON OF THE DYER PARTNERSHIP ENGINEERS & PLANNERS, INC.

IT HAS BEEN DISCOVERED THAT JAMES KLEIN OF KLEIN AND ASSOCIATES INC. ESTABLISHED MONUMENTS ON PAGE 3 OF THIS SURVEY AND RICHARD R. KITZ OF EASTSIDE CONSULTANTS INC. ESTABLISHED MONUMENTS SHOWN ON PAGES 3 AND 4 OF THIS SURVEY.

ALSO A PORTION OF THE TEMPORARY WORK AREA WITHIN SECTION 17, DEPICTED ON PAGE 3 OF 4 OF SURVEY NO. M166-38 HAS BEEN CHANGED.  
ALL OTHER ITEMS AS SHOWN ON SURVEY NO. M166-38 ARE UNCHANGED.

WILLAMETTE MERIDIAN  
DOUGLAS COUNTY, OREGON

T.29S., R.04W	
07	
17	

SURVEY PERFORMED FOR:  
WILLIAMS  
DATE: NOVEMBER 10, 2016  
PROJECT: 14-02-05 DRAFT: GD, LS  
FILE: RS-29S-04W.DWG

### SCALE FACTOR NOTE

THE DISTANCES SHOWN ON THIS SURVEY ARE GRID DISTANCES UNLESS NOTED.  
THE COMBINED SCALE FACTOR = 0.999854039  
TO CONVERT FROM GRID TO GROUND MULTIPLY THE DISTANCE BY 1.000145962

EXAMPLE: 300.00' GRID DISTANCE  
300.00' x 1.000145962 = 300.04' GROUND DISTANCE



PACIFIC CONNECTOR GAS PIPELINE PROJECT  
PACIFIC CONNECTOR GAS PIPELINE, LP  
RECORD OF SURVEY  
SECTION OVERVIEW  
TOWNSHIP 29 SOUTH, RANGE 4 WEST, W.M.  
DOUGLAS COUNTY, OREGON

DRAWN BY: LJS	DATE: 11-10-16	ISSUED FOR BID:	SCALE: 1" = 1000'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 1 OF 4

262-1117

# AMENDED RECORD OF SURVEY

SURVEY M166-38A-D  
LOCATED IN THE S 1/2 OF SECTION 7  
TOWNSHIP 29 SOUTH, RANGE 4 WEST, WILLAMETTE MERIDIAN  
DOUGLAS COUNTY, OREGON

FILED  
Date: 5-24-2017 By: J.C.  
This survey consists of:  
M171-29A-D  
Douglas County  
Surveyor

### REFERENCES:

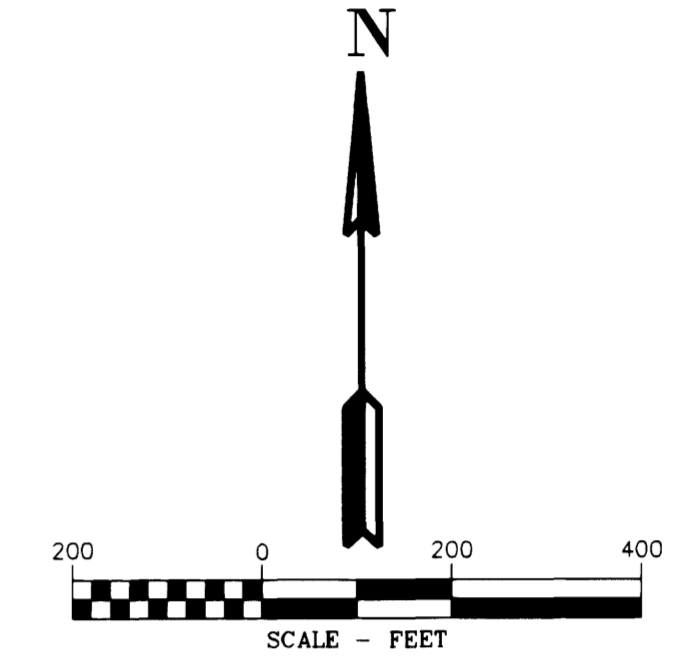
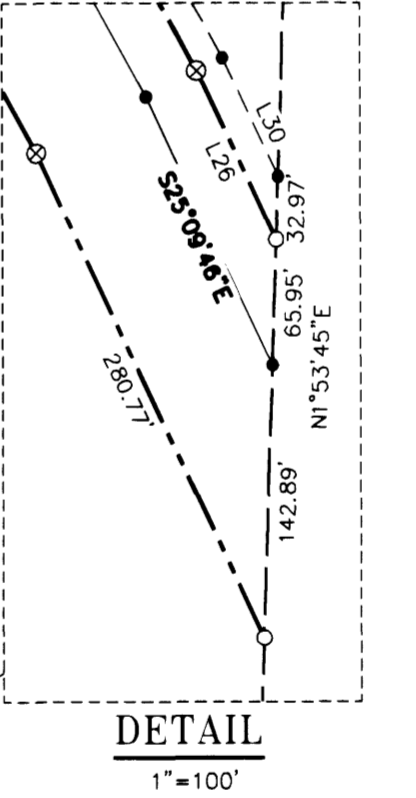
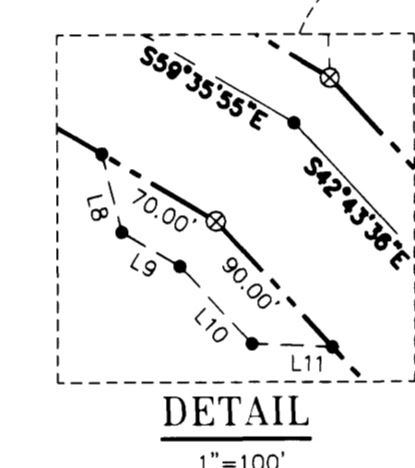
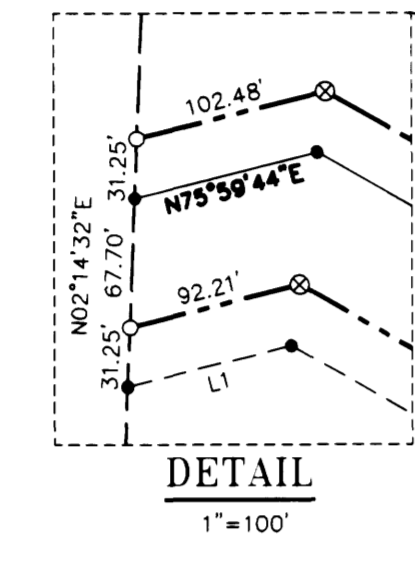
- R1) CORRECTIVE DEPENDENT RESURVEY, DEPENDENT RESURVEY AND SUBDIVISION OF SECTIONS, APPROVED MARCH 5, 1997, C.S. #1997A
- R2) DEPENDENT RESURVEY AND SUBDIVISION OF SECTIONS, APPROVED APRIL 20, 1990, C.S. #1990
- R3) LAND PARTITION FILED AS DOCUMENT NO. 2007-0087
- R4) RECORD OF SURVEY NO. M157-36
- R5) RECORD OF SURVEY NO. M166-38A-D

### CORNER NOTES:

- (141891)**  
1/4 CORNER SECTION 7, T29S-R4W AND SECTION 12, T29S-R5W FOUND 3-1/4" BRASS CAP STAMPED BLM 1992  
BT REFERENCES:  
1) FOUND 21.5" FIR WITH HEALED FACE AND TAG DATED 4/92 N 57° E - 21.1'  
2) FOUND 16" FIR WITH HEALED FACE AND TAG DATED 4/92 S 02° W - 23.8'
- (141892)**  
NORTHWEST 1/16 CORNER SECTION 7 FOUND 3-1/4" BRASS CAP STAMPED BLM 1992  
BT REFERENCES:  
1) FOUND 25" FIR WITH HEALED FACE AND TAG DATED '92 N 17° 15' E - 93.1'  
2) FOUND 19.5" FIR WITH HEALED FACE AND TAG DATED '92 TAG READS 81-1/2 LINKS (53.8') R1 SHOWS 86 LINKS (56.8') FOUND S 82-1/2° E - 52.8' (80 LINKS)
- (141893)**  
WEST 1/16 CORNER SECTIONS 7 AND 18 FOUND 3-1/4" BRASS CAP BENT AND TIED AT BASE HELD FOR 1/16 CORNER STAMPED BLM 1992  
BT REFERENCES:  
1) FOUND 8" D. FIR WITH HEALED FACE AND TAG DATED 3/92 N 55° 30' E - 20.5' MEASURED FROM CENTER TREE TO BASE OF MON AT TIED POSITION
- (141894)**  
CENTER 1/4 CORNER SECTION 7 FOUND 3-1/4" BRASS CAP STAMPED BLM 1992  
BT REFERENCES:  
1) FOUND 30" FIR WITH HEALED FACE AND TAG DATED 4/92 N 13-1/2° E - 11.9'  
2) FOUND 22" FIR WITH HEALED FACE AND BLM TAG DATED 1992 S 80-1/2° E, 21.1'
- (141895)**  
FOUND 1" IRON PIPE S 50° E, 37.5'
- (141912)**  
EAST 1/16 CORNER SECTIONS 7 AND 18 FOUND 3-1/4" BRASS CAP STAMPED BLM 1992  
BT REFERENCES:  
1) FOUND 18" FIR WITH HEALED FACE AND TAG DATED 4/92 S 43° W - 46.9'  
2) FOUND 25" FIR WITH HEALED FACE AND TAG DATED 4/92 N 48° W - 57.6' SLOPE DISTANCE
- (141918)**  
CENTER-EAST 1/16 CORNER SECTION 7 FOUND 3-1/4" BRASS CAP STAMPED BLM 1992  
BT REFERENCES:  
1) FOUND 16" FIR WITH HEALED FACE AND TAG DATED 4/92 N 73° E - 5.1'  
2) FOUND 14" FIR WITH HEALED FACE AND TAG DATED '92 N 30° 30' W - 17.5'
- (143876)**  
CENTER-WEST 1/16 CORNER SECTION 7  
NOTE:  
FOUND 3-1/4" BRASS CAP STAMPED BLM 1992 PULLED OUT OF THE GROUND.  
USING THE EXISTING BEARING TREES FOUND "CLEAR DEEP-1" MAGNET PER THE BLM NOTES.  
RE-SET IRON PIPE WITH BLM BRASS CAP AT THE LOCATION OF THE FOUND MAGNET.  
BT REFERENCES:

### LEGEND

- 5/8" x 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-38A-D VERIFIED OR RESET THIS AMENDED SURVEY (KLEIN & ASSOC. LS 99002)
- ⊗ 5/8" x 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-38A-D VERIFIED OR RESET THIS AMENDED SURVEY (DYER PARTNER LS 2340)
- 5/8" x 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP SURVEY M166-38A-D VERIFIED OR RESET THIS AMENDED SURVEY (KITZ 1853LS)
- FOUND MONUMENT AS NOTED (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
- POWER TRANSMISSION LINE



AREA SECTION 7 T. 29S. R. 4W

TEMPORARY CONSTRUCTION EASEMENT	7.04 ACRES
TEMPORARY WORK AREA	1.32 ACRES

### LINE TABLE

Line #	Direction	Length
L1	N75°59'44"E	88.96'
L2	S60°26'50"E	520.57'
L3	S81°21'18"E	123.06'
L4	N53°38'40"E	42.43'
L5	N01°48'31"W	63.50'
L6	N88°11'29"E	150.00'
L7	S01°48'32"E	158.00'
L8	S14°35'53"E	42.43'
L9	S59°35'55"E	35.55'
L10	S42°43'36"E	55.55'
L11	S87°43'37"E	42.43'
L12	S53°13'25"E	57.27'
L13	S53°13'25"E	150.00'
L14	S77°20'16"E	231.95'
L15	S28°39'58"E	78.57'
L16	S73°39'58"E	42.43'
L17	S28°39'58"E	35.00'
L18	S77°20'16"E	35.00'
L19	S32°20'15"E	21.21'
L20	S77°20'16"E	171.58'
L21	S53°13'25"E	138.20'
L22	S08°13'23"E	21.21'
L23	S77°20'16"E	104.62'
L24	S77°20'16"E	150.00'
L25	S28°39'58"E	217.00'
L26	S25°09'46"E	97.70'
L27	N57°39'48"E	21.21'
L28	S77°20'16"E	141.78'
L29	S28°39'58"E	224.24'
L30	S25°09'46"E	68.79'

REGISTERED PROFESSIONAL LAND SURVEYOR  
*Douglas A. Popham*  
OREGON  
JULY 14, 1998  
DOUGLAS A. POPHAM  
2877  
Expires 12-31-2018

CERTIFIED PROFESSIONAL SURVEYOR  
1245  
Expires June 5, 2017

REGISTERED PROFESSIONAL LAND SURVEYOR  
*Michael W. Erickson*  
OREGON  
JULY 28, 1998  
MICHAEL W. ERICKSON  
2340  
Expires 12-31-2017

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

**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

**Klein & Associates, Inc.**  
ENGINEERING • SURVEYING • PLANNING  
1411 13th Street • Hood River, OR 97031  
TEL: 541-386-3322 • FAX: 541-386-2515

PACIFIC CONNECTOR GAS PIPELINE PROJECT  
PACIFIC CONNECTOR GAS PIPELINE, LP  
RECORD OF SURVEY  
SECTION 7  
TOWNSHIP 29 SOUTH, RANGE 4 WEST, W.M.  
DOUGLAS COUNTY, OREGON

**Pacific Connector GAS PIPELINE**

DRAWN BY: LJS	DATE: 11-10-2016	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 2 OF 4

MAP FILE M171-29B

# AMENDED RECORD OF SURVEY

(SURVEY M166-38A-D)  
LOCATED IN THE E 1/2 OF SECTION 17  
TOWNSHIP 29 SOUTH, RANGE 4 WEST, WILLAMETTE MERIDIAN  
DOUGLAS COUNTY, OREGON

FILED

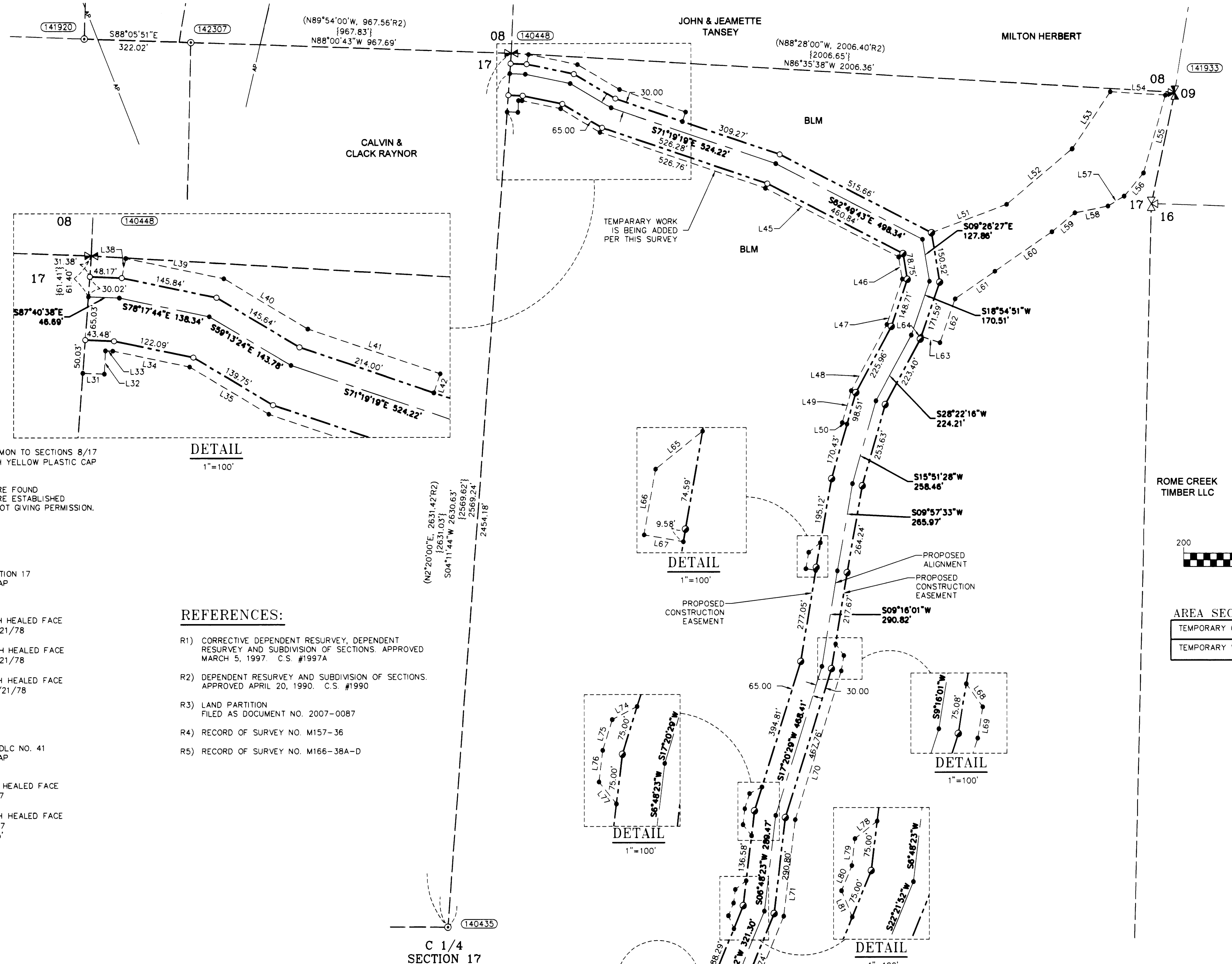
Date: 5-14-2017 By: J.C.

This survey consists of:  
Map M171-29 A-D

Corner: \_\_\_\_\_

DOUGLAS COUNTY SURVEYOR

Line #	Direction	Length
L31	S87°40'38"E	32.66'
L32	N02°19'22"E	35.00'
L33	S87°40'38"E	11.22'
L34	S78°17'44"E	118.34'
L35	S59°13'24"E	138.82'
L38	N11°42'16"E	30.00'
L39	S78°17'44"E	150.88'
L40	S59°13'24"E	147.50'
L41	S71°19'19"E	210.82'
L42	S18°40'41"W	30.00'
L45	S62°49'43"E	452.18'
L46	S09°26'27"E	67.42'
L47	S10°54'51"W	143.66'
L48	S28°22'16"W	226.37'
L49	S15°51'28"W	100.15'
L50	S74°08'32"E	15.00'
L51	N69°27'46"E	242.31'
L52	N49°52'26"E	258.80'
L53	N33°56'37"E	206.10'
L54	S86°35'38"E	166.41'
L55	S15°43'55"W	243.12'
L56	S40°19'45"W	91.02'
L57	S58°14'08"W	56.63'
L58	S78°38'01"W	101.97'
L59	S50°37'46"W	90.00'
L60	S55°27'36"W	208.73'
L61	S55°27'07"W	146.59'
L62	S18°54'51"W	138.78'
L63	N71°05'09"E	60.00'
L64	S18°54'51"W	8.98'
L65	S51°09'59"W	45.54'
L66	S09°57'33"W	49.95'
L67	S80°07'08"E	30.12'
L68	S35°40'59"E	42.46'
L69	S09°16'01"W	47.15'
L70	S17°20'29"W	467.11'
L71	S06°48'23"W	292.13'
L72	S22°21'49"W	361.62'
L73	S13°19'14"E	51.44'
L74	S62°20'29"W	42.43'
L75	S17°20'29"W	47.77'
L76	S06°48'23"W	47.77'
L77	S38°11'37"E	42.43'
L78	S51°48'23"W	42.43'
L79	S06°48'23"W	40.90'
L80	S22°21'52"W	40.90'
L81	S22°38'08"E	42.43'
L82	S67°21'52"W	42.43'
L83	S22°21'52"W	49.71'
L84	S13°19'14"E	62.81'
L85	S58°18'32"E	42.44'
L86	S13°19'46"E	47.25'
L87	S76°40'46"W	30.00'
L88	S13°19'13"E	197.98'



### CORNER NOTES:

- (141920)**  
CENTER 1/4 CORNER SECTION 17  
FOUND 3-1/4" BRASS CAP  
STAMPED BLM 1987  
BT REFERENCES:  
1) FOUND 14" FIR WITH HEALED FACE AND TAG DATED '87  
S 41° W - 58.7'  
2) FOUND 18" CEDAR WITH HEALED FACE AND TAG DATED '87  
N 89-3/4' W - 58.7'
- (141933)**  
NORTHEAST CORNER SECTION 17  
FOUND 3-1/4" BRASS CAP  
STAMPED BLM 1969  
CLOSING CORNER  
BT REFERENCES:  
1) FOUND 31" FIR WITH HEALED FACE AND TAG DATED 3/21/78  
S 16° W - 45.2'  
2) FOUND 34" FIR WITH HEALED FACE AND TAG DATED 3/21/78  
S 33° W - 21.1'  
3) FOUND 16" FIR WITH HEALED FACE AND TAG DATED 3/21/78  
N 05° W - 4.9'
- (142302)**  
NORTHEAST CORNER OF DLC NO. 41  
FOUND 3-1/4" BRASS CAP  
STAMPED BLM 1987  
BT REFERENCES:  
1) FOUND 5" FIR WITH HEALED FACE WITH TAG DATED '87  
S 6°30' E - 7.6'  
2) FOUND 12" FIR WITH HEALED FACE WITH TAG DATED '87  
S 46°30' W - 18.15'

### REFERENCES:

- R1) CORRECTIVE DEPENDENT RESURVEY, DEPENDENT RESURVEY AND SUBDIVISION OF SECTIONS. APPROVED MARCH 5, 1997. C.S. #1997A
- R2) DEPENDENT RESURVEY AND SUBDIVISION OF SECTIONS. APPROVED APRIL 20, 1990. C.S. #1990
- R3) LAND PARTITION FILED AS DOCUMENT NO. 2007-0087
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- R5) RECORD OF SURVEY NO. M166-38A-D

### LEGEND

- 5/8" x 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-38A-D VERIFIED OR RESET THIS AMENDED SURVEY. (KLEIN & ASSOC. LS 59002)
- ⊙ 5/8" x 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-38A-D VERIFIED OR RESET THIS AMENDED SURVEY. (DYER PARTNER LS 2340)
- 5/8" x 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP SURVEY M166-38A-D VERIFIED OR RESET THIS AMENDED SURVEY. (KITZ 1853LS)
- ⊙ FOUND MONUMENT AS NOTED (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
- POWER TRANSMISSION LINE

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

CERTIFIED PROFESSIONAL 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  
*Richard R. Kitz*  
OREGON  
JULY 18, 1987  
RICHARD R. KITZ  
1853  
Expires 6-30-2017

REGISTERED PROFESSIONAL LAND SURVEYOR  
*James M. Klein*  
OREGON  
JULY 12, 2008  
JAMES M. KLEIN  
59002  
Expires 6-30-2017

EASTSIDE CONSULTANTS, INC.  
ENGINEERING SURVEYING  
200 W. 10th St., Suite 100  
Hermiston, OR 97838  
TEL: 541-866-2070 FAX: 541-866-2071

Klein & Associates, Inc.  
ENGINEERING SURVEYING PLANNING  
1411 13th Street - Hood River, OR 97031  
TEL: 541-386-3322 FAX: 541-386-2515

PACIFIC CONNECTOR GAS PIPELINE PROJECT  
PACIFIC CONNECTOR GAS PIPELINE, LP  
RECORD OF SURVEY  
SECTION 17  
TOWNSHIP 29 SOUTH, RANGE 4 WEST, W.M.  
DOUGLAS COUNTY, OREGON

Pacific Connector GAS PIPELINE

DRAWN BY: LJS	DATE: 11-10-2016	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 M166-38A-D)  
 LOCATED IN THE SE 1/4 OF SECTION 17  
 TOWNSHIP 29 SOUTH, RANGE 4 WEST, WILLAMETTE MERIDIAN  
 DOUGLAS COUNTY, OREGON

FILED  
 Date: 5-14-2017 By: J.C.  
 This survey consists of:  
 Map: M171-29A-D  
 Corner Rpt:  
 DOUGLAS COUNTY  
 SURVEYOR

### REFERENCES:

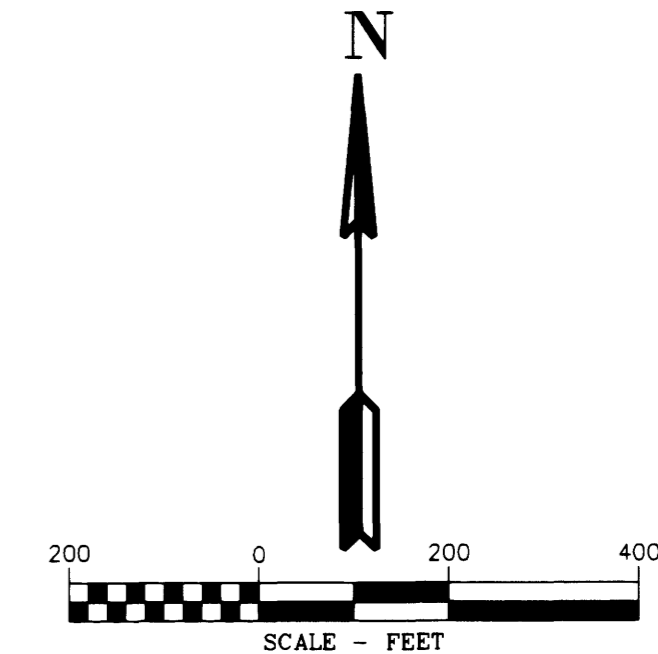
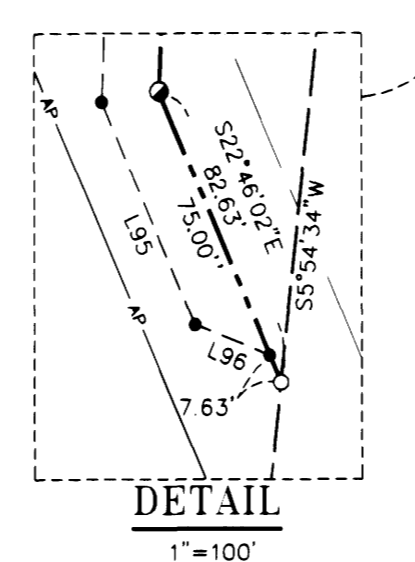
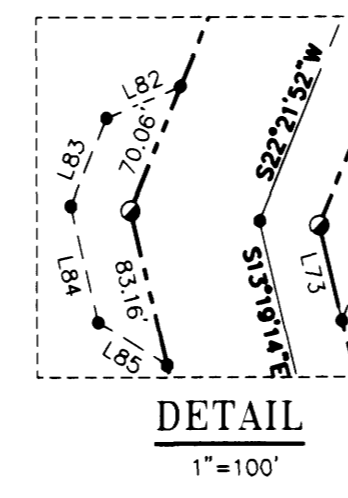
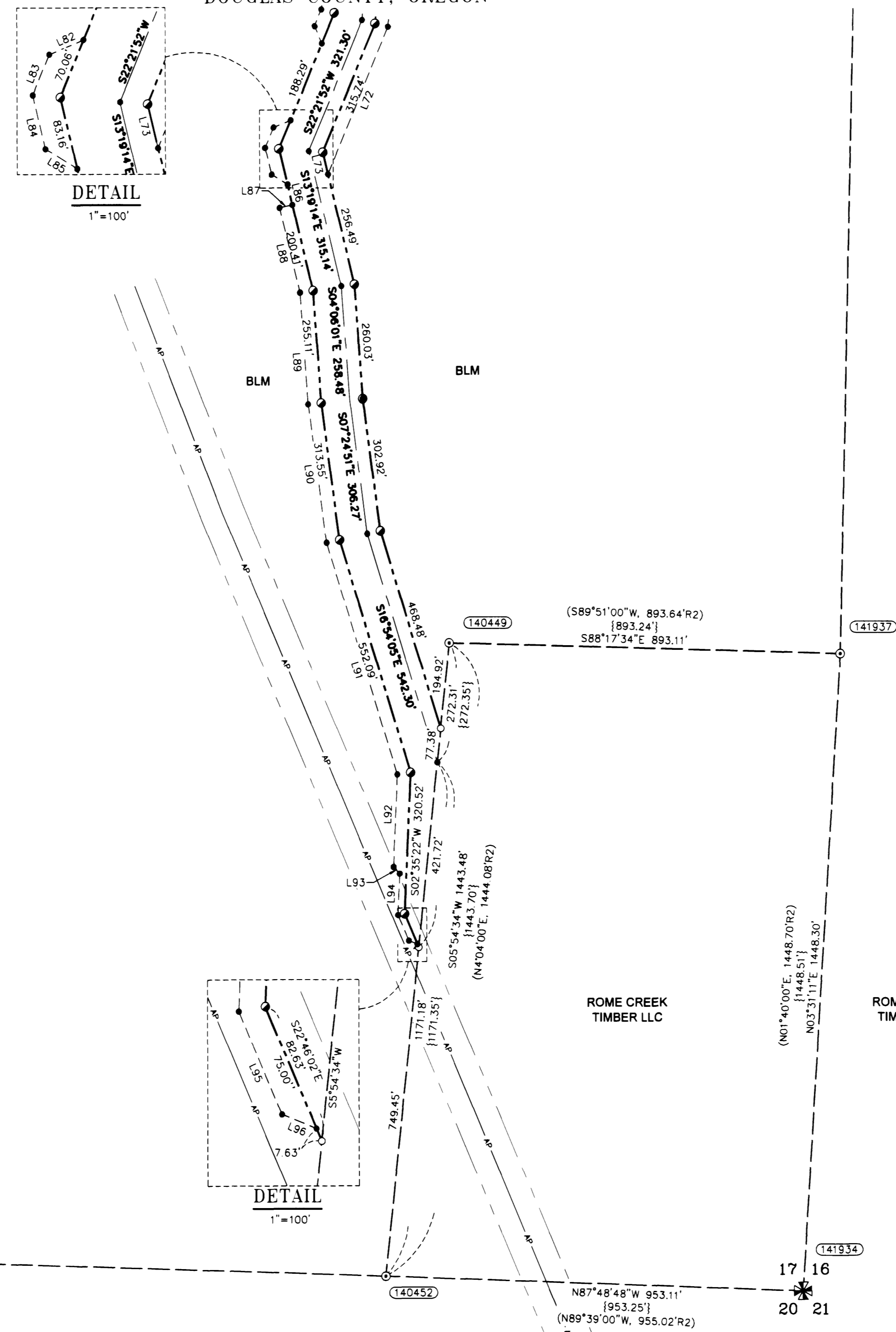
- R1) CORRECTIVE DEPENDENT RESURVEY, DEPENDENT RESURVEY AND SUBDIVISION OF SECTIONS. APPROVED MARCH 5, 1997. C.S. #1997A
- R2) DEPENDENT RESURVEY AND SUBDIVISION OF SECTIONS. APPROVED APRIL 20, 1990. C.S. #1990
- R3) LAND PARTITION FILED AS DOCUMENT NO. 2007-0087
- R4) RECORD OF SURVEY NO. M157-36
- R5) RECORD OF SURVEY NO. M166-38A-D

### CORNER NOTES:

- (140449)**  
 SOUTHEAST 1/16 CORNER SECTION 17  
 FOUND 3-1/4" BRASS DISK  
 STAMPED BLM 1987  
 BT REFERENCES:  
 1) FOUND 19" D. FIR WITH HEALED FACE WITH TAG DATED 12/87  
 S 49-1/2° E - 19.8'  
 2) FOUND 21" PONDEROSA PINE WITH HEALED FACE WITH TAG DATED 12/87  
 N 2-1/4° W - 7.9'
- (141934)**  
 SOUTHEAST CORNER SECTION 17  
 FOUND 3-1/4" BRASS DISK  
 STAMPED BLM 1969  
 BT REFERENCES:  
 1) FOUND 13" OAK WITH HEALED FACE AND TAG DATED 4/63  
 N 35° E - 37.7'  
 2) FOUND 41" FIR WITH HEALED FACE AND TAG DATED 6/57  
 S 67° E - 21.0'
- FOUND 1-1/4" IRON PIPE  
 N 20° W. 0.35'
- NOTE: NO TREES AVAILABLE IN SECTIONS 17 AND 20.
- (140452)**  
 EAST 1/16 CORNER SECTION 17  
 FOUND BRASS DISK  
 STAMPED BLM 1987  
 BT REFERENCES:  
 1) FOUND 13.5" CEDAR WITH HEALED FACE WITH TAG DATED 12/87  
 N 48°30' E - 8.4'  
 2) FOUND 23" FIR WITH HEALED FACE WITH TAG DATED 12/87  
 N 07° W - 24.5'
- (141937)**  
 SOUTH 1/16 CORNER SECTION 17 ONLY  
 FOUND 3-1/4" BRASS CAP  
 STAMPED BLM 1987  
 BT REFERENCES:  
 1) FOUND 14" CEDAR WITH HEALED FACE AND TAG DATED '87  
 S 64° W - 10.2'  
 2) FOUND 22" FIR WITH HEALED FACE AND TAG DATED '87  
 N 38° W - 39.6'

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Line #	Direction	Length
L72	S22°21'49"W	361.62'
L73	S13°19'14"E	51.44'
L82	S67°21'52"W	42.43'
L83	S22°21'52"W	49.71'
L84	S13°19'14"E	62.81'
L85	S58°18'32"E	42.44'
L86	S13°19'46"E	47.25'
L87	S76°40'46"W	30.00'
L88	S13°19'13"E	197.98'
L89	S04°06'01"E	253.56'
L90	S07°24'51"E	316.90'
L91	S16°54'05"E	549.42'
L92	S02°35'22"W	210.36'
L93	S42°24'38"E	21.21'
L94	S02°35'22"W	93.38'
L95	S22°46'02"E	63.38'
L96	S67°46'02"E	21.21'

REGISTERED PROFESSIONAL LAND SURVEYOR  
 Douglas A. Popham  
 OREGON 2017-14 198  
 DOUGLAS A. POPHAM 2877  
 Expires 12-31-2018

CERTIFIED PROFESSIONAL LAND SURVEYOR  
 Richard R. Kitz  
 OREGON 2017-15 1979  
 RICHARD R. KITZ 1853  
 Expires June 5, 2017

REGISTERED PROFESSIONAL LAND SURVEYOR  
 James M. Klein  
 OREGON 2017-12 2005  
 JAMES M. KLEIN 59002  
 Expires 6-30-2017

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