

RECORD OF SURVEY

LOCATED IN
SECTION 1
TOWNSHIP 31 SOUTH, RANGE 3 WEST, W.M.
DOUGLAS COUNTY, OREGON

FILED
Date: 8-17-2015 by: JC
This survey consists of
Map: M 166-40 A-I
Narrative: _____
Corner Rpt: _____
**DOUGLAS COUNTY
SURVEYOR**

CORNER NOTES:

- (140323)**
NORTHWEST CORNER SECTION 1
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1965
BT REFERENCES:
1) SET NEW BEARING TREE
11" FIR (MARKED - "X" BT)
SET TAG DATED 10/28/2013
EAST - 6.5' TO NAIL SIDE CENTER
2) SET NEW BEARING TREE
10" FIR (MARKED - T31S R3W S1 BT)
SET TAG DATED 10/28/2013
S 21° E - 22.3' TO NAIL SIDE CENTER
3) SET NEW BEARING TREE
8" FIR (MARKED - T31S R3W S2 BT)
SET TAG DATED 10/28/2013
S 19° W - 7.7' TO NAIL SIDE CENTER

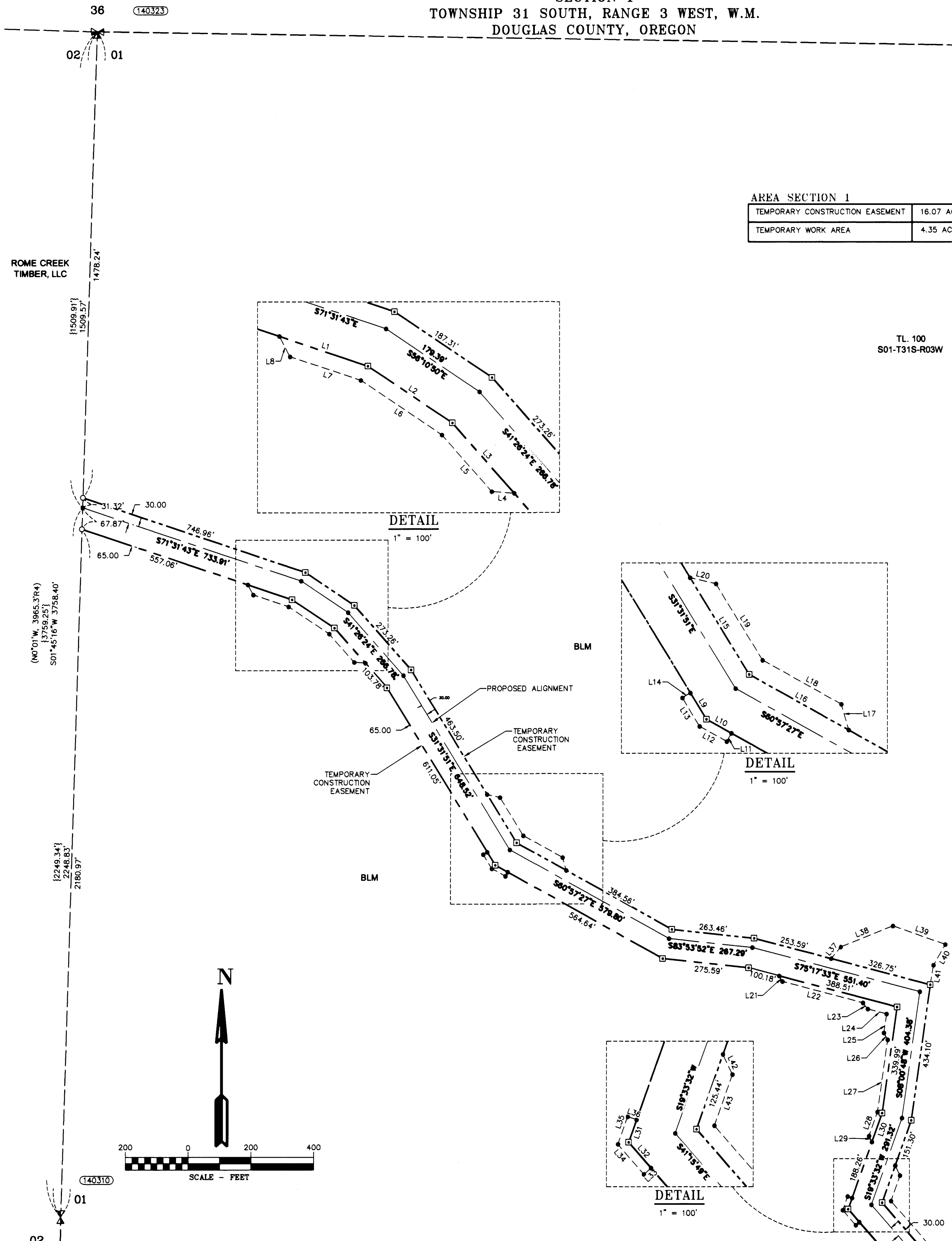
- (140310)**
1/4 CORNER SECTIONS 1 AND 2
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1965
BT REFERENCES:
1) SET NEW BEARING TREE
7.8" FIR (MARKED - "X" BT)
SET TAG DATED 10/28/2013
S 32° E - 13.0' TO NAIL SIDE CENTER
2) FOUND 16" DEAD MADRONE WITH HEALED FACE
AND TAG DATED 1959
S 81° W - 8.0'
3) FOUND 9.5" FIR WITH HEALED FACE
AND TAG DATED 1965
N 61° W - 10.5'

REFERENCE SURVEYS:

- 1) RECORD OF SURVEY NO. M79-20 - MAY 22, 1980
- 2) RECORD OF SURVEY NO. M79-43 - JUNE 9, 1980
- 3) BLM DEPENDENT RESURVEY NO. 6077 - T30S-R3W - JAN. 10, 1986
- 4) ORIGINAL GLO PLAT, TOWNSHIP 31 SOUTH, RANGE 3 WEST - JUNE 29, 1895
- 5) RECORD OF SURVEY NO. 166-29 - Feb. 9, 2015
- 6) RECORD OF SURVEY NO. M111-67 - APRIL 10, 1991
- 7) RECORD OF SURVEY NO. M84-4 - JUNE 18, 1980
- 8) ORIGINAL GLO NOTES, SOUTH LINE OF TOWNSHIP 31 SOUTH, RANGE 2 WEST - SEPT. 26, 1908

LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. LS 59002)
- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (PRIMM LAND SURVEYING, INC. LS 48490)
- ⊗ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 23340)
- ⊙ FOUND MONUMENT OF RECORD, 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
- △ CORNER SEARCHED AND NOT FOUND
- 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

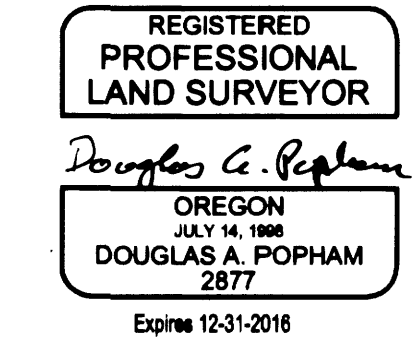


AREA SECTION 1

TEMPORARY CONSTRUCTION EASEMENT	16.07 ACRES
TEMPORARY WORK AREA	4.35 ACRES

LINE TABLE

Line #	Direction	Length
L1	S71°31'43"E	148.57'
L2	S56°10'50"E	162.22'
L3	S41°26'24"E	148.96'
L4	S85°31'07"E	35.94'
L5	S41°26'24"E	119.91'
L6	S56°10'50"E	155.62'
L7	S71°31'43"E	118.68'
L8	S28°13'04"E	36.45'
L9	S31°31'51"E	48.90'
L10	S60°57'27"E	45.42'
L11	N28°56'27"E	15.00'
L12	S60°57'27"E	49.39'
L13	S31°31'51"E	52.89'
L14	S58°40'42"W	15.00'
L15	S31°31'51"E	179.74'
L16	S60°57'27"E	181.27'
L17	S16°02'56"E	42.49'
L18	S60°57'27"E	143.30'
L19	S31°31'51"E	142.10'
L20	S78°45'08"E	42.26'
L21	S30°11'46"E	21.18'
L22	S75°17'33"E	265.49'
L23	S37°52'55"E	24.69'
L24	S75°17'33"E	61.77'
L25	S08°00'48"W	61.01'
L26	S29°12'55"E	24.79'
L27	S08°00'48"W	231.04'
L28	S19°33'32"W	80.39'
L29	S25°26'28"E	21.21'
L30	S19°33'32"W	96.91'
L31	S19°33'32"W	37.74'
L32	S41°15'49"E	54.17'
L33	N49°15'06"E	15.00'
L34	S41°15'49"E	62.84'
L35	S19°33'32"W	46.59'
L36	N70°15'19"W	15.00'
L37	N39°49'50"E	47.69'
L38	N68°0'21"E	179.34'
L39	S70°37'41"E	176.93'
L40	S29°51'32"W	75.61'
L41	S09°23'14"W	62.84'
L42	S25°18'45"E	35.44'
L43	S19°33'32"W	85.66'



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

K&A
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, LP
SECTION 1
TOWNSHIP 31 SOUTH, RANGE 3 WEST, W.M.
DOUGLAS COUNTY OREGON

DRAWN BY: LJS	DATE: 06-01-2015	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 2 OF 9

RECORD OF SURVEY

LOCATED IN
SECTION 1
TOWNSHIP 31 SOUTH, RANGE 3 WEST, W.M.
DOUGLAS COUNTY, OREGON

FILED

Date: 06-01-2015 By: [Signature]
This survey consists of:
Map: M116-400-A-1
Number of:
Corner Rpt: _____

DOUGLAS COUNTY
SURVEYOR

LINE TABLE

Line #	Direction	Length
L44	S41°15'49"E	674.58'
L45	N37°21'27"E	56.10'
L46	N32°00'31"E	83.69'
L47	S41°23'35"E	33.16'
L48	S30°39'35"W	73.87'
L49	S37°57'12"W	91.62'
L50	S41°15'49"E	426.01'
L51	S32°50'34"E	55.51'
L52	N56°49'18"E	15.00'
L53	S32°50'34"E	54.49'
L54	S41°15'49"E	197.00'
L55	N56°10'40"E	128.80'
L56	N39°08'10"W	183.82'
L57	N79°41'43"E	54.70'
L58	S34°57'29"E	96.37'
L59	S86°20'19"E	104.96'
L60	S08°40'23"E	25.71'
L61	S50°48'21"W	231.48'
L62	S41°15'49"E	168.84'
L63	S04°14'14"W	21.03'
L64	S56°57'47"W	15.00'
L65	S32°50'34"E	93.48'
L66	S12°22'44"W	14.09'
L67	S32°50'34"E	389.43'
L68	S62°09'44"E	191.86'
L69	S27°48'35"E	343.82'
L70	S43°19'30"E	378.60'
L71	N45°01'08"E	10.00'
L72	S43°19'30"E	26.11'
L73	S30°41'30"E	133.88'
L74	S28°06'35"W	40.92'
L75	S30°41'30"E	106.13'
L76	S01°22'14"W	120.02'
L77	S05°47'44"E	26.59'
L78	S51°14'14"E	70.17'
L79	S05°47'44"E	72.69'
L80	S01°22'14"W	131.26'
L81	S30°41'30"E	277.23'
L82	S77°25'40"E	14.25'
L83	S32°50'34"E	271.00'
L84	S62°09'44"E	198.03'
L85	S27°48'35"E	366.30'
L86	S43°19'30"E	395.06'
L87	N45°06'37"E	10.00'
L88	S43°19'30"E	3.55'

CORNER NOTES:

- (96090)**
SOUTHEAST CORNER SECTION 1
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1970
BT REFERENCES:
1) FOUND 35" D. FIR WITH HEALED FACE
SET TAG DATED 10/13
N 24° E - 50.5'
2) FOUND 13" CHINQUAPIN WITH HEALED FACE
AND TAGS DATED 3/70 AND 12/79
N 67° E - 10.4'
3) FOUND 26.5" MADRONE WITH TAG DATED 12/79
S 13° W - 25.2'
4) FOUND 17" HEMLOCK WITH HEALED FACE
AND TAGS DATED 12/79 AND 3/70
S 34-1/2° W - 8.5'
5) FOUND 12" CHINQUAPIN SNAG WITH VISIBLE SCRIBE
AND TAGS DATED 1959 AND 12/79
N 54° W - 16.0'

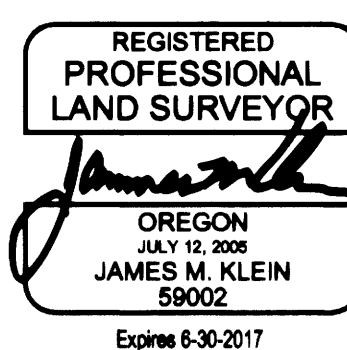
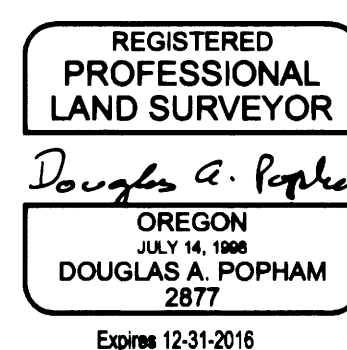
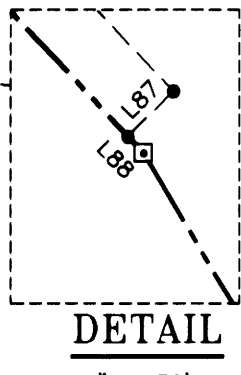
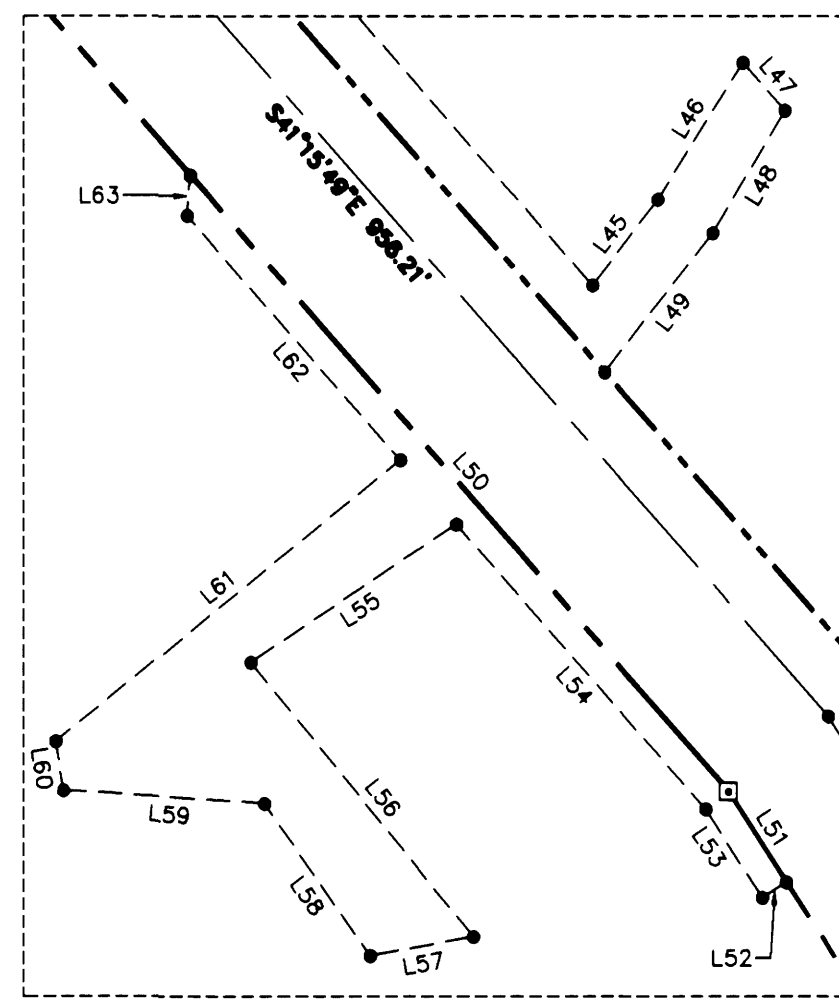
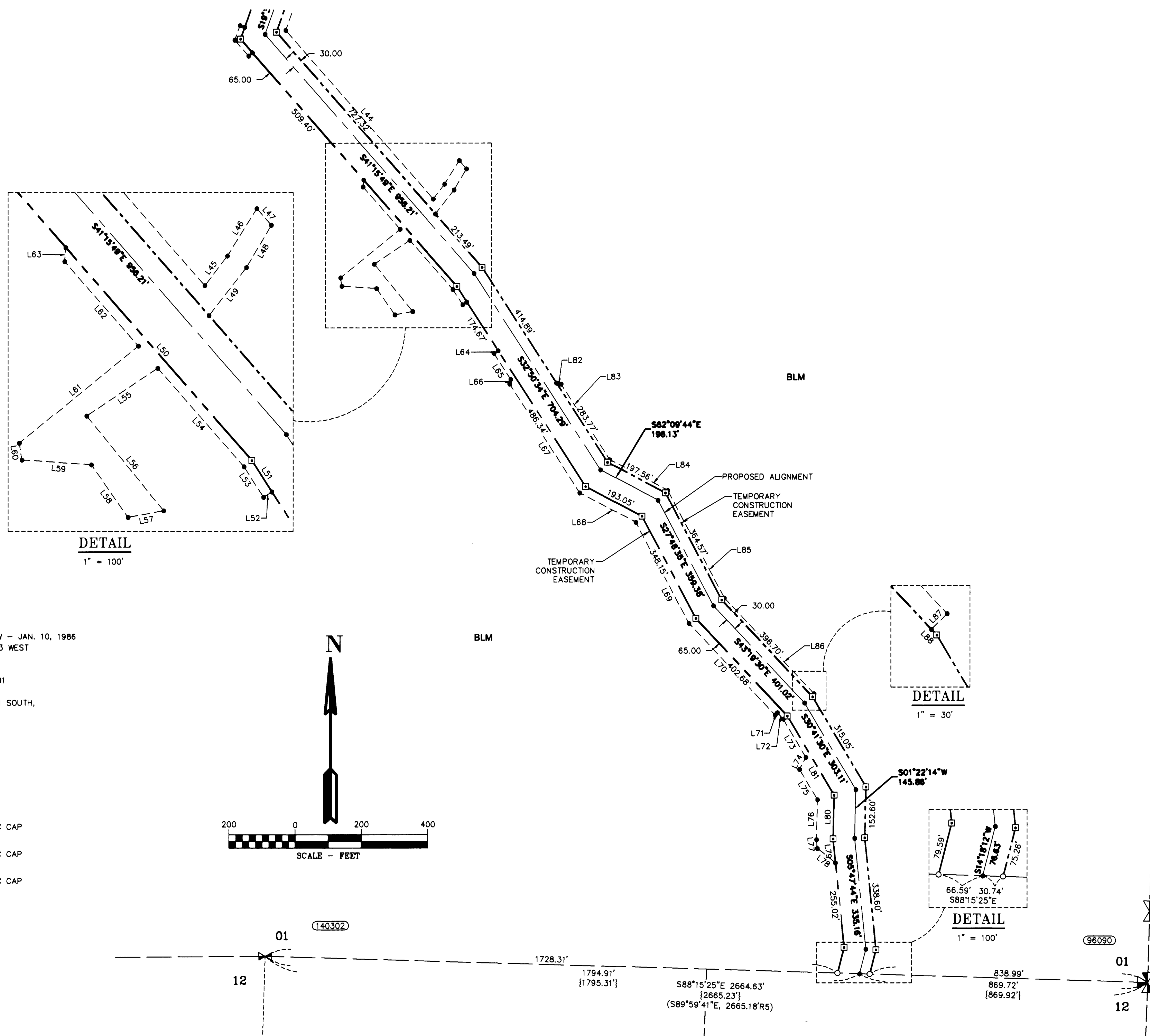
- (140302)**
1/4 CORNER SECTIONS 1 AND 12
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1965
BT REFERENCES:
1) FOUND 33.5" D. FIR WITH HEALED FACE
AND TAG DATED 11/79
N 21° E - 22.7'
2) FOUND 21" W. FIR WITH HEALED FACE
SET NEW TAG DATED 10/26/13
S 25° W - 92' TO NAIL SIDE CENTER
3) FOUND 28" MADRONE WITH REMAINS OF TAG
SET NEW TAG DATED 10/26/13
N 49° W - 31.3'
4) SET NEW BEARING TREE
10" W. FIR (MARKED - 1/4 S12 BT)
SET TAG DATED 10/26/13
S 03° W - 16.3' TO NAIL SIDE CENTER

REFERENCE SURVEYS:

- 1) RECORD OF SURVEY NO. M79-20 - MAY 22, 1980
- 2) RECORD OF SURVEY NO. M79-43 - JUNE 9, 1980
- 3) BLM DEPENDENT RESURVEY NO. 6077 - T305-R3W - JAN. 10, 1986
- 4) ORIGINAL GLO PLAT, TOWNSHIP 31 SOUTH, RANGE 3 WEST - JUNE 29, 1895
- 5) RECORD OF SURVEY NO. 166-29 - Feb. 9, 2015
- 6) RECORD OF SURVEY NO. M111-67 - APRIL 10, 1991
- 7) RECORD OF SURVEY NO. M84-4 - JUNE 18, 1980
- 8) ORIGINAL GLO NOTES, SOUTH LINE OF TOWNSHIP 31 SOUTH, RANGE 2 WEST - SEPT. 26, 1908

LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. LS 59002)
- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (PRIMM LAND SURVEYING, INC. LS 48490)
- ⊗ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 2340)
- FOUND MONUMENT OF RECORD, 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
- △ CORNER SEARCHED AND NOT FOUND
- (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



PACIFIC CONNECTOR GAS PIPELINE PROJECT PACIFIC CONNECTOR GAS PIPELINE, LP RECORD OF SURVEY SECTION 01 TOWNSHIP 31 SOUTH, RANGE 3 WEST, W.M. DOUGLAS COUNTY OREGON			
DRAWN BY: LIS	DATE: 06-01-2015	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 3 OF 9

CORNER NOTES:

(14018)
SOUTHEAST 1/16 CORNER SECTION 12
FOUND 2-1/2" ALUMINUM CAP
STAMPED PLS 866, 1980
BT REFERENCES:
1) FOUND 18.5" FIR WITH HEALED FACE
AND TAG DATED 1/80
S 07° W - 37.5'
2) FOUND 18" D. FIR WITH HEALED FACE
AND TAG DATED 1/80
N 86° W - 14.3'

(14018)
SOUTH 1/16 CORNER SECTION 12
FOUND 3" BRASS CAP
STAMPED PLS 944, 1978
BT REFERENCES:
1) FOUND 21" FIR WITH HEALED FACE
AND TAG DATED 8/78
S 55° W - 49.8' TO NAIL SIDE CENTER
2) FOUND 21.5" HEMLOCK WITH VISIBLE SCRIBES
AND TAG DATED 8/78
N 81° W - 27.3'

(96082)
NORTHEAST CORNER SECTION 13
FOUND 3" BRASS CAP
STAMPED PLS 944, 1979
BT REFERENCES:
1) FOUND 23.3" FIR WITH HEALED FACE
AND TAG DATED 12/79
N 58° E - 25.1'
2) FOUND 5" FIR SNAG WITH VISIBLE SCRIBES
N 39°15' W - 11.1'
3) FOUND 59" FIR WITH HEALED FACE
AND TAGS DATED 12/79 AND 1959
N 71° W - 26.3'

(14017)
1/4 CORNER SECTIONS 12 AND 13
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1965
BT REFERENCES:
1) FOUND 16.5" FIR WITH HEALED FACE
AND TAG DATED 11/79
S 61° E - 25.4' TO NAIL SIDE CENTER
2) FOUND 12.5" YEW WITH VISIBLE SCRIBES
AND TAG DATED 11/19/79
S 2°30' E - 35.4'
3) FOUND 13.7" CEDAR WITH HEALED FACE
SET TAG DATED 10/13
N 58° E - 41.7' TO NAIL SIDE CENTER

(14024)
FOUND ORIGINAL LINE TREE
FOUND 55" BURNT AND DECAYING SNAG
WITH 2 VISIBLE NOTCHES ON THE NORTH
PER THE ORIGINAL NOTES.
(72.60 CHAINS NORTH OF SE CORNER OF SECTION 13)
SET BEARING TREE TAG ON SNAG AND
FLAGGED AND PAINTED THE NOTCHES.

REFERENCE SURVEYS:

- 1) RECORD OF SURVEY NO. M79-20 - MAY 22, 1980
- 2) RECORD OF SURVEY NO. M79-43 - JUNE 9, 1980
- 3) BLM DEPENDENT RESURVEY NO. 6077 - T305-R3W - JAN. 10, 1986
- 4) ORIGINAL GLO PLAT, TOWNSHIP 31 SOUTH, RANGE 3 WEST - JUNE 29, 1895
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- 8) ORIGINAL GLO NOTES, SOUTH LINE OF TOWNSHIP 31 SOUTH, RANGE 2 WEST - SEPT. 26, 1908

LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. LS 59002)
- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (PRIMM LAND SURVEYING, INC. LS 48490)
- ⊙ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 2340)
- ⊙ FOUND MONUMENT OF RECORD, 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
- ⊠ CORNER SEARCHED AND NOT FOUND
- 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

RECORD OF SURVEY

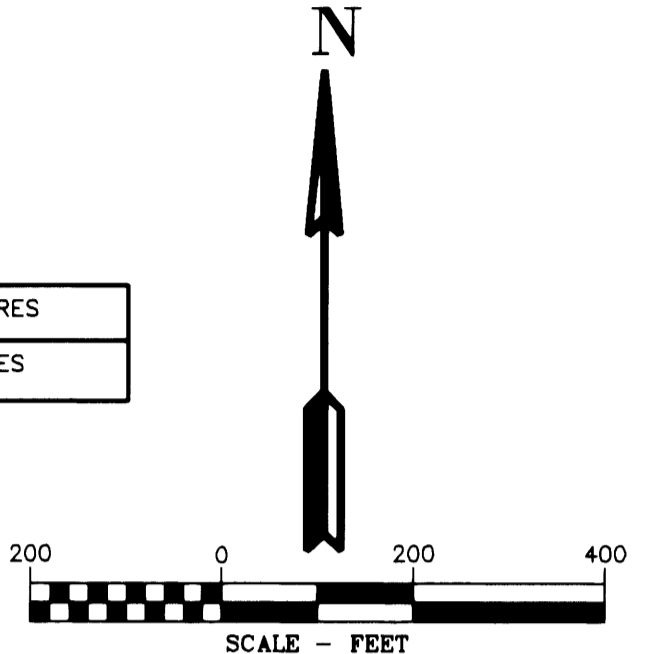
LOCATED IN THE
SE 1/4 OF THE SE 1/4 OF SECTION 12
AND THE
THE NE 1/4 OF SECTION 13
TOWNSHIP 31 SOUTH, RANGE 3 WEST, W.M.
DOUGLAS COUNTY, OREGON

FILED
Date: 8-17-2015
This survey consists of:
Map: M16-40A-1
Name:
Corner Rpt:

DOUGLAS COUNTY
SURVEYOR

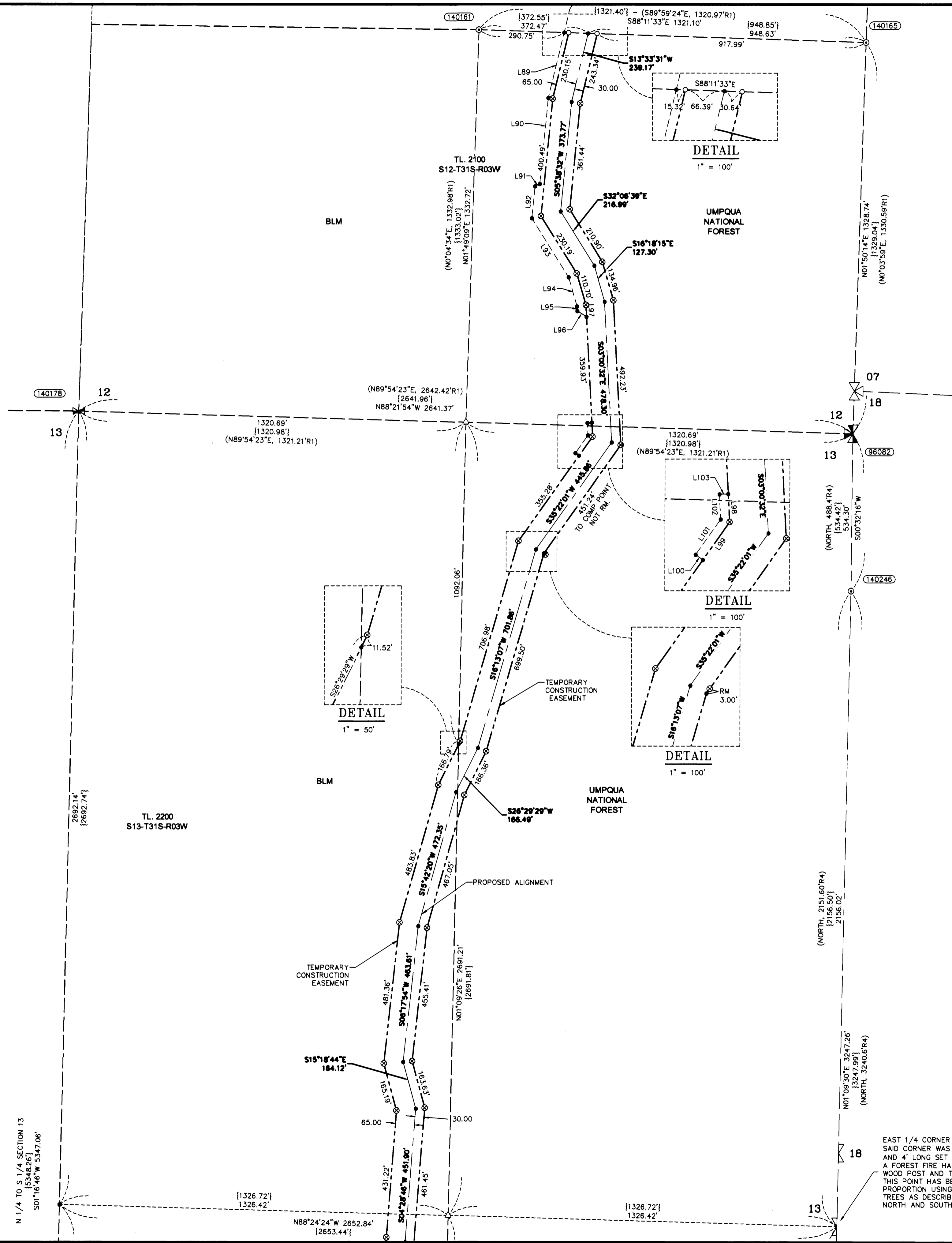
AREA SECTION 12 & 13

TEMPORARY CONSTRUCTION EASEMENT	15.72 ACRES
TEMPORARY WORK AREA	0.71 ACRES



LINE TABLE

Line #	Direction	Length
L89	S13°33'31"W	228.07'
L90	S05°38'32"W	293.23'
L91	S63°46'45"W	17.66'
L92	S05°38'32"W	109.23'
L93	S32°06'39"E	236.28'
L94	S16°18'15"E	103.04'
L95	S03°00'32"E	15.84'
L96	S58°04'19"E	36.60'
L97	S03°00'32"E	40.30'
L98	S03°00'32"E	47.88'
L99	S35°22'01"W	78.92'
L100	S54°37'59"E	15.00'
L101	S35°22'01"W	73.70'
L102	S03°00'32"E	42.66'
L103	S86°59'28"W	15.00'



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

REGISTERED PROFESSIONAL LAND SURVEYOR
MICHAEL W. ERICKSON 2340
Expires 12-31-2015

REGISTERED PROFESSIONAL LAND SURVEYOR
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 12 & 13
TOWNSHIP 31 SOUTH, RANGE 3 WEST, W.M.
DOUGLAS COUNTY OREGON

DRAWN BY: LJS	DATE: 06-01-2015	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 4 OF 9

EAST 1/4 CORNER OF SECTION 13 WAS NOT FOUND. SAID CORNER WAS A FIR POST 4" SQUARE AND 4' LONG SET BY BUSHY IN 1894. A FOREST FIRE HAS DESTROYED THE WOOD POST AND THE ORIGINAL BEARING TREES. THIS POINT HAS BEEN COMPUTED BY SINGLE PROPORTION USING FOUND ORIGINAL LINE TREES AS DESCRIBED IN THE ORIGINAL NOTES NORTH AND SOUTH OF THIS CORNER.

RECORD OF SURVEY

LOCATED IN THE
SE 1/4 AND THE SW 1/4 OF SECTION 13
TOWNSHIP 31 SOUTH, RANGE 3 WEST, W.M.
DOUGLAS COUNTY, OREGON

FILED
Date: 8-17-2016 By: JC
This survey consists of:
Map: M11.6-40A-E
Number of Sheets: 5
Corner Type: _____
**DOUGLAS COUNTY
SURVEYOR**

CORNER NOTES:

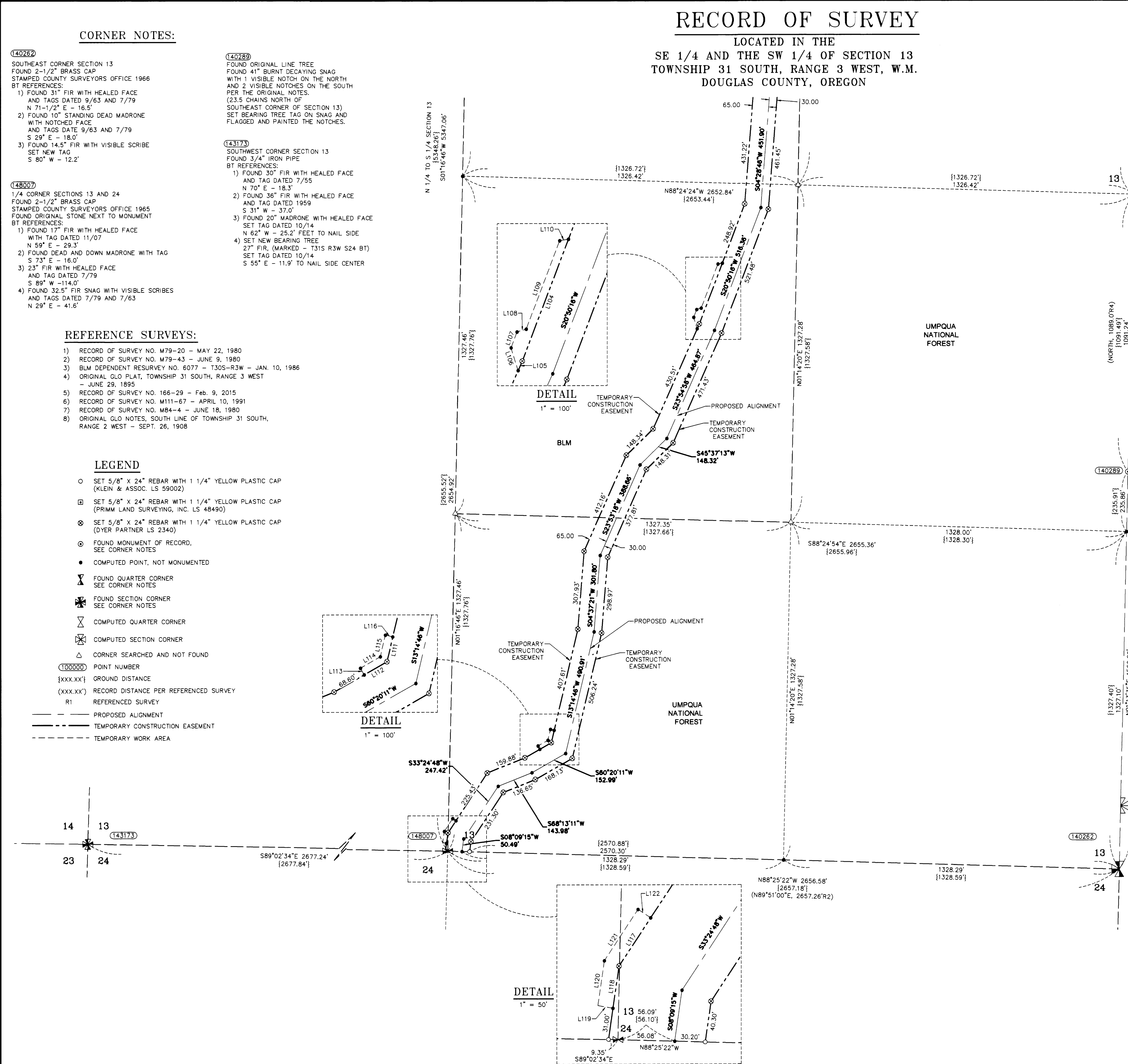
- (14026)**
SOUTHEAST CORNER SECTION 13
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) FOUND 31" FIR WITH HEALED FACE
AND TAGS DATED 9/63 AND 7/79
N 71-1/2' E - 16.5'
2) FOUND 10" STANDING DEAD MADRONE
WITH NOTCHED FACE
AND TAGS DATE 9/63 AND 7/79
S 29' E - 18.0'
3) FOUND 14.5" FIR WITH VISIBLE SCRIBE
SET NEW TAG
S 80' W - 12.2'
- (14028)**
FOUND ORIGINAL LINE TREE
FOUND 41" BURNT DECAYING SNAG
WITH 1 VISIBLE NOTCH ON THE NORTH
AND 2 VISIBLE NOTCHES ON THE SOUTH
PER THE ORIGINAL NOTES.
(23.5 CHAINS NORTH OF
SOUTHEAST CORNER OF SECTION 13)
SET BEARING TREE TAG ON SNAG AND
FLAGGED AND PAINTED THE NOTCHES.
- (143173)**
SOUTHWEST CORNER SECTION 13
FOUND 3/4" IRON PIPE
BT REFERENCES:
1) FOUND 30" FIR WITH HEALED FACE
AND TAG DATED 7/55
N 70' E - 18.3'
2) FOUND 36" FIR WITH HEALED FACE
AND TAG DATED 1959
S 31' W - 37.0'
3) FOUND 20" MADRONE WITH HEALED FACE
SET TAG DATED 10/14
N 62' W - 25.2' FEET TO NAIL SIDE
27" FIR, (MARKED - T31S R3W S24 BT)
SET TAG DATED 10/14
S 55' E - 11.9' TO NAIL SIDE CENTER
- (148007)**
1/4 CORNER SECTIONS 13 AND 24
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1965
FOUND ORIGINAL STONE NEXT TO MONUMENT
BT REFERENCES:
1) FOUND 17" FIR WITH HEALED FACE
WITH TAG DATED 11/07
N 59' E - 29.3'
2) FOUND DEAD AND DOWN MADRONE WITH TAG
S 73' E - 16.0'
3) 23" FIR WITH HEALED FACE
AND TAG DATED 7/79
S 89' W - 14.0'
4) FOUND 32.5" FIR SNAG WITH VISIBLE SCRIBES
AND TAGS DATED 7/79 AND 7/63
N 29' E - 41.6'

REFERENCE SURVEYS:

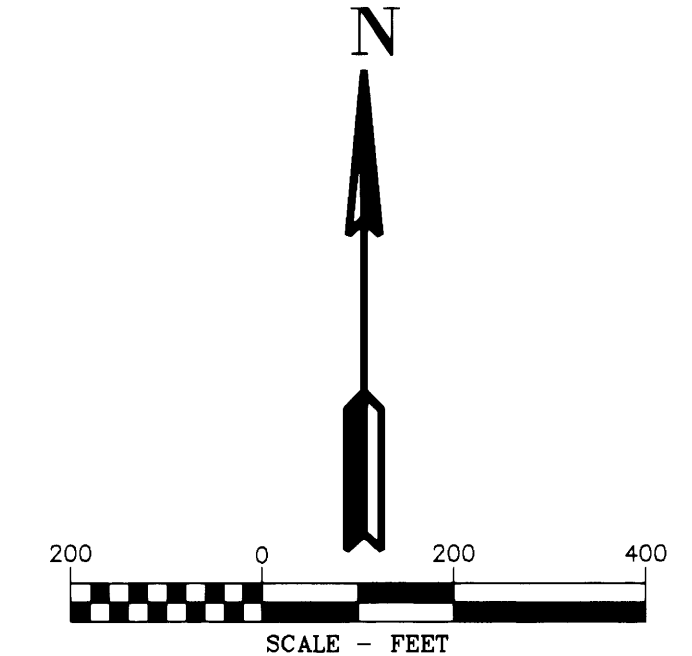
- RECORD OF SURVEY NO. M79-20 - MAY 22, 1980
- RECORD OF SURVEY NO. M79-43 - JUNE 9, 1980
- BLM DEPENDENT RESURVEY NO. 6077 - T30S-R3W - JAN. 10, 1986
- ORIGINAL GLO PLAT, TOWNSHIP 31 SOUTH, RANGE 3 WEST - JUNE 29, 1895
- RECORD OF SURVEY NO. 166-29 - Feb. 9, 2015
- RECORD OF SURVEY NO. M111-67 - APRIL 10, 1991
- RECORD OF SURVEY NO. M84-4 - JUNE 18, 1980
- ORIGINAL GLO NOTES, SOUTH LINE OF TOWNSHIP 31 SOUTH, RANGE 2 WEST - SEPT. 26, 1908

LEGEND

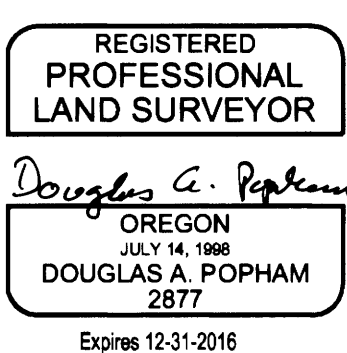
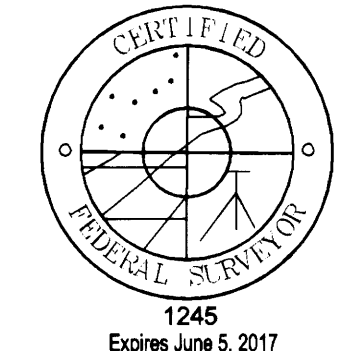
- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. LS 59002)
- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (PRIMM LAND SURVEYING, INC. LS 48490)
- ⊗ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 2340)
- ⊙ FOUND MONUMENT OF RECORD, SEE CORNER NOTES
- COMPUTED POINT, NOT MONUMENTED
- ⊠ FOUND QUARTER CORNER SEE CORNER NOTES
- ⊞ FOUND SECTION CORNER SEE CORNER NOTES
- ⊞ COMPUTED QUARTER CORNER
- ⊞ COMPUTED SECTION CORNER
- △ CORNER SEARCHED AND NOT FOUND
- ⑩ POINT NUMBER
- {xxx.xx'} GROUND DISTANCE
- {xxx.xx'} RECORD DISTANCE PER REFERENCED SURVEY
- R1 REFERENCED SURVEY
- PROPOSED ALIGNMENT
- - - - - TEMPORARY CONSTRUCTION EASEMENT
- - - - - TEMPORARY WORK AREA



EAST 1/4 CORNER OF SECTION 13 WAS NOT FOUND. SAID CORNER WAS A FIR POST 4" SQUARE AND 4' LONG SET BY BUSHY IN 1894. A FOREST FIRE HAS DESTROYED THE WOOD POST AND THE ORIGINAL BEARING TREES. THIS POINT HAS BEEN COMPUTED BY SINGLE PROPORTION USING FOUND ORIGINAL LINE TREES AS DESCRIBED IN THE ORIGINAL NOTES NORTH AND SOUTH OF THIS CORNER.



Line #	Direction	Length
L104	S20°50'16"W	256.35'
L105	S23°54'58"W	20.15'
L106	S17°21'26"E	46.77'
L107	S20°50'16"W	33.25'
L108	S73°17'46"W	18.92'
L109	S20°50'16"W	185.94'
L110	S79°51'04"W	17.50'
L111	S13°14'46"W	50.07'
L112	S60°20'11"W	51.58'
L113	S29°39'49"E	15.00'
L114	S60°20'11"W	45.05'
L115	S13°14'46"W	43.53'
L116	N76°45'14"W	15.00'
L117	S33°24'48"W	56.93'
L118	S08°09'15"W	41.64'
L119	S80°11'36"E	15.01'
L120	S08°09'20"W	44.57'
L121	S33°24'48"W	60.29'
L122	S56°35'12"E	15.00'



PLS

Primm Land Surveying, Inc.
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**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: 541-386-2515

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
RECORD OF SURVEY
SECTION 13
TOWNSHIP 31 SOUTH, RANGE 3 WEST, W.M.
DOUGLAS COUNTY OREGON

**Pacific Connector
GAS PIPELINE**

DRAWN BY: LJS	DATE: 06-01-2015	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 5 OF 9

RECORD OF SURVEY

LOCATED IN THE
SE 1/4 OF SECTION 24
TOWNSHIP 31 SOUTH, RANGE 3 WEST, W.M.
DOUGLAS COUNTY, OREGON

FILED
Date: 8-17-2015 By: J.C.
This survey consists of:
Map: M.L.G.-40 A-E
Corner: []
DOUGLAS COUNTY
SURVEYOR

CORNER NOTES:

(142678)
CENTER 1/4 CORNER SECTION 24
FOUND 2-1/2" BRASS CAP
STAMPED PLS 866, 1980
BT REFERENCES:
1) FOUND 25" CEDAR WITH HEALED FACE
AND TAG DATED 4/80
N 71°50' E - 126.5'
2) FOUND 26" CEDAR WITH HEALED FACE
AND TAG DATED 4/80
S 89°48' E - 123.6'

(142669)
EAST 1/4 CORNER SECTION 24
FOUND 2-1/2" ALUMINUM CAP
STAMPED PLS 866, 1980
BT REFERENCES:
1) FOUND 29" CEDAR WITH HEALED FACE
AND TAG DATED 10/13
S 35° W - 56.0' TO NAIL SIDE CENTER
2) FOUND 22" FIR WITH HEALED FACE
AND TAG DATED 10/13
S 88°40' W - 55.2' TO NAIL SIDE CENTER

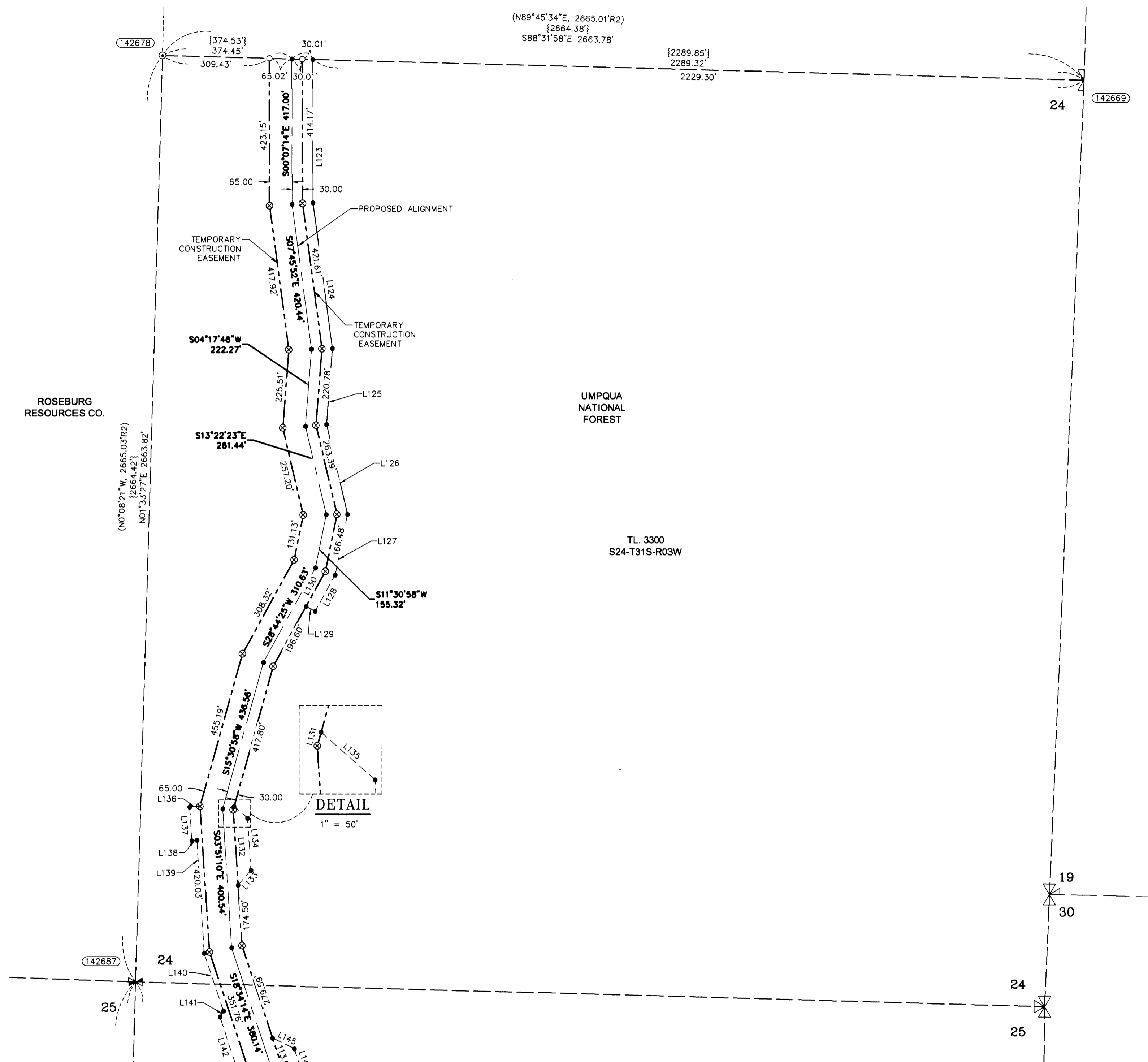
(142687)
1/4 CORNER SECTIONS 24 AND 25
FOUND 2-1/2" ALUMINUM CAP
STAMPED PLS 866, 1980
BT REFERENCES:
1) FOUND 29" FIR WITH HEALED FACE
AND TAG DATED 4/80
N 51°48' E - 24.0' TO NAIL SIDE CENTER
2) FOUND 49" FIR WITH HEALED FACE
AND TAG DATED 4/80
N 54° E - 43.5' TO NAIL SIDE CENTER
3) FOUND 17" FIR WITH HEALED FACE
AND TAG DATED 4/80
S 48°20' E - 19.5' TO NAIL SIDE CENTER
4) FOUND 19" FIR WITH HEALED FACE
AND TAG DATED 4/80
S 19°51' E - 18.45' TO NAIL SIDE CENTER

REFERENCE SURVEYS:

- 1) RECORD OF SURVEY NO. M79-20 - MAY 22, 1980
- 2) RECORD OF SURVEY NO. M79-43 - JUNE 9, 1980
- 3) BLM DEPENDENT RESURVEY NO. 6077 - T30S-R3W - JAN. 10, 1986
- 4) ORIGINAL GLO PLAT, TOWNSHIP 31 SOUTH, RANGE 3 WEST - JUNE 29, 1895
- 5) RECORD OF SURVEY NO. 166-29 - Feb. 9, 2015
- 6) RECORD OF SURVEY NO. M111-67 - APRIL 10, 1991
- 7) RECORD OF SURVEY NO. M84-4 - JUNE 18, 1980
- 8) ORIGINAL GLO NOTES, SOUTH LINE OF TOWNSHIP 31 SOUTH, RANGE 2 WEST - SEPT. 26, 1908

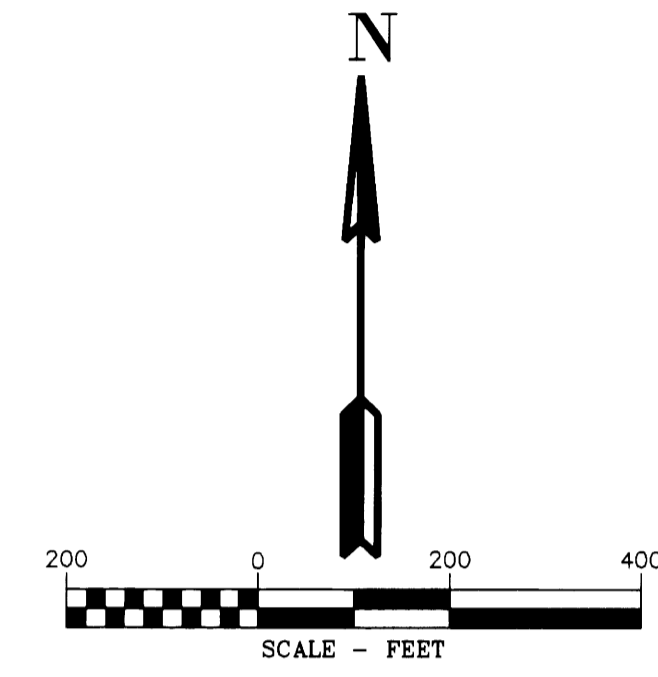
LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. LS 59002)
- ◻ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (PRIMM LAND SURVEYING, INC. LS 48490)
- ⊗ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 2340)
- ⊙ FOUND MONUMENT OF RECORD, 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
- △ CORNER SEARCHED AND NOT FOUND
- 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



AREA SECTION 24&25

TEMPORARY CONSTRUCTION EASEMENT	18.69 ACRES
TEMPORARY WORK AREA	6.41 ACRES



LINE TABLE

Line #	Direction	Length
L123	S00°07'14"E	411.33'
L124	S07°45'52"E	422.77'
L125	S04°17'46"W	219.28'
L126	S13°22'23"E	265.35'
L127	S11°30'58"W	177.65'
L128	S28°44'25"W	119.64'
L129	N61°15'34"W	30.00'
L130	S28°44'25"W	115.10'
L131	S15°30'58"W	10.17'
L132	S03°51'10"E	217.05'
L133	S41°08'31"W	56.57'
L134	S03°51'10"E	150.01'
L135	S48°51'24"E	51.80'
L136	S86°08'50"W	30.00'
L137	S03°51'10"E	96.31'
L138	N86°08'50"E	15.00'
L139	S03°51'10"E	325.66'
L140	S18°34'14"E	174.86'
L141	S30°44'10"W	19.78'
L142	S18°34'14"E	148.97'

REGISTERED PROFESSIONAL LAND SURVEYOR
Douglas G. Popham
OREGON
JULY 14, 1968
DOUGLAS A. POPHAM
2877
Expires 12-31-2016

REGISTERED PROFESSIONAL LAND SURVEYOR
Michael W. Erickson
OREGON
JULY 26, 1968
MICHAEL W. ERICKSON
2340
Expires 12-31-2015

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

Primm Land Surveying, Inc.
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PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
RECORD OF SURVEY
SECTION 24
TOWNSHIP 31 SOUTH, RANGE 3 WEST, W.M.
DOUGLAS COUNTY OREGON

Pacific Connector
GAS PIPELINE

DRAWN BY: LIS	DATE: 06-01-2015	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 6 OF 9

RECORD OF SURVEY

LOCATED IN THE
NE 1/4 AND THE NW 1/4 OF SECTION 25
TOWNSHIP 31 SOUTH, RANGE 3 WEST, W.M.
DOUGLAS COUNTY, OREGON

FILED
Date: 8-17-2015 By: JC
This survey consists of:
Map: M16L-406-A-E
Name: _____
Corner: P.M.
DOUGLAS COUNTY
SURVEYOR

CORNER NOTES:

(142687)
1/4 CORNER SECTIONS 24 AND 25
FOUND 2-1/2" ALUMINUM CAP
STAMPED PLS 866, 1980
BT REFERENCES:
1) FOUND 29" FIR WITH HEALED FACE
AND TAG DATED 4/80
N 51°48' E - 24.0' TO NAIL SIDE CENTER
2) FOUND 49" FIR WITH HEALED FACE
AND TAG DATED 4/80
N 54° E - 43.5' TO NAIL SIDE CENTER
3) FOUND 17" FIR WITH HEALED FACE
AND TAG DATED 4/80
S 48°20' E - 19.5' TO NAIL SIDE CENTER
4) FOUND 19" FIR WITH HEALED FACE
AND TAG DATED 4/80
S 19°51' E - 18.45' TO NAIL SIDE CENTER

(142674)
1/4 CORNER SECTIONS 25 AND 26
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) FOUND 9" HEMLOCK WITH VISIBLE SCRIBES
AND TAG DATED 3/10
N 84°37'4" E - 32.9' TO NAIL SIDE CENTER
2) FOUND 15.5" SNAG 20" TALL WITH VISIBLE SCRIBES
AND TAG DATED 7/56
S 12-1/2' E - 13.9'
3) FOUND 34.6" FIR WITH HEALED FACE
AND TAGS DATED 1966 AND 1979
N 31° W - 6.2'

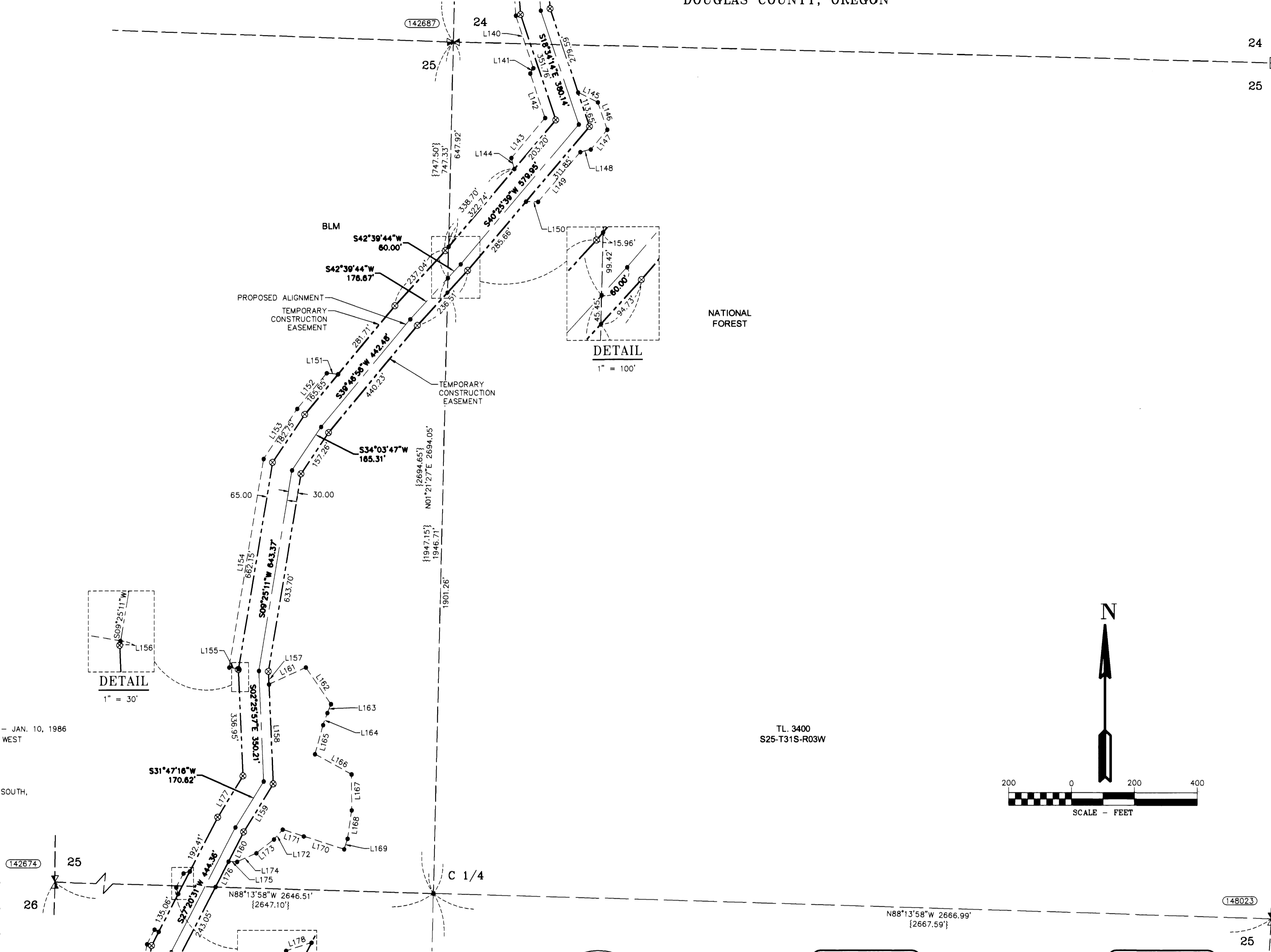
(148023)
EAST 1/4 CORNER SECTION 25
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) FOUND 4.5" DEAD YEW TREE WITH HEALED FACE
AND TAG DATED 11/86
N 44° E - 8.3' TO SIDE CENTER
2) FOUND 7.5" HEMLOCK WITH VISIBLE SCRIBE
AND TAG DATED 10/13
S 74° W - 37.3' TO NAIL SIDE CENTER
(TREE IS EXISTENT CONTRARY TO
DCSO RENEWAL 700240, 1966.)
3) FOUND 15" YEW WITH HEALED FACE
AND TAG DATED 11/56
N 17° W - 13.9' TO NAIL SIDE CENTER

REFERENCE SURVEYS:

- 1) RECORD OF SURVEY NO. M79-20 - MAY 22, 1980
- 2) RECORD OF SURVEY NO. M79-43 - JUNE 9, 1980
- 3) BLM DEPENDENT RESURVEY NO. 6077 - T30S-R3W - JAN. 10, 1986
- 4) ORIGINAL GLO PLAT, TOWNSHIP 31 SOUTH, RANGE 3 WEST - JUNE 29, 1985
- 5) RECORD OF SURVEY NO. 166-29 - Feb. 9, 2015
- 6) RECORD OF SURVEY NO. M111-67 - APRIL 10, 1991
- 7) RECORD OF SURVEY NO. M84-4 - JUNE 18, 1980
- 8) ORIGINAL GLO NOTES, SOUTH LINE OF TOWNSHIP 31 SOUTH, RANGE 2 WEST - SEPT. 26, 1908

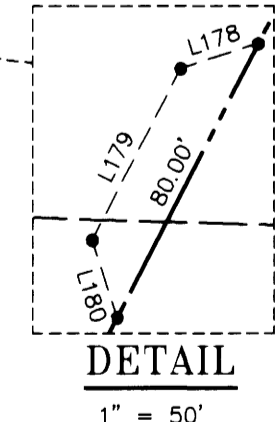
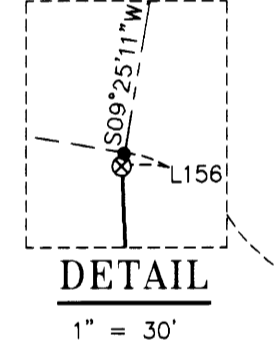
LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. LS 59002)
- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (PRIMM LAND SURVEYING, INC. LS 48490)
- ⊗ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 2340)
- FOUND MONUMENT OF RECORD, 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
- △ CORNER SEARCHED AND NOT FOUND
- 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



LINE TABLE

Line #	Direction	Length
L140	S18°34'14"E	174.86'
L141	S30°44'10"W	19.78'
L142	S18°34'14"E	148.97'
L143	S40°25'39"W	165.75'
L144	S15°15'17"E	36.32'
L145	S63°50'58"E	70.37'
L146	S18°34'14"E	92.43'
L147	S40°25'39"W	80.81'
L148	S76°05'12"W	34.31'
L149	S40°25'39"W	206.86'
L150	N88°54'39"W	38.79'
L151	N84°31'37"W	36.32'
L152	S39°46'56"W	146.68'
L153	S34°03'47"W	190.80'
L154	S09°25'11"W	668.68'
L155	S80°32'30"E	30.00'
L156	S09°25'11"W	2.16'
L157	S02°25'57"E	41.08'
L158	S02°25'57"E	315.26'
L159	S31°47'16"W	178.69'
L160	S27°20'31"W	104.92'
L161	N65°20'20"E	129.06'
L162	S34°32'08"E	141.09'
L163	S22°33'56"W	30.11'
L164	S19°20'16"W	40.62'
L165	S15°47'51"W	96.06'
L166	S61°13'46"E	132.89'
L167	S00°15'20"E	113.53'
L168	S08°17'01"W	90.89'
L169	S18°07'06"W	35.22'
L170	N72°12'33"W	134.81'
L171	N72°12'33"W	70.47'
L172	S41°49'13"W	41.81'
L173	S52°01'42"W	70.60'
L174	S66°07'58"W	66.98'
L175	N88°25'27"W	27.76'
L176	S27°20'31"W	90.34'
L177	S31°47'16"W	153.14'
L178	N72°20'31"E	21.21'
L179	N27°20'31"E	50.00'
L180	S17°39'29"E	21.21'



Primm Land Surveying, Inc.
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TEL (541) 564-7887 FAX (541) 567-8020

REGISTERED PROFESSIONAL LAND SURVEYOR
Douglas A. Popham
OREGON
JULY 14, 1991
DOUGLAS A. POPHAM
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Expires 12-31-2016

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PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
RECORD OF SURVEY
SECTION 25
TOWNSHIP 31 SOUTH, RANGE 3 WEST, W.M.
DOUGLAS COUNTY OREGON

Pacific Connector GAS PIPELINE

DRAWN BY: LJS	DATE: 06-01-2015	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 7 OF 9

RECORD OF SURVEY

LOCATED IN THE
SW 1/4 OF SECTION 25
TOWNSHIP 31 SOUTH, RANGE 3 WEST, W.M.
DOUGLAS COUNTY, OREGON

FILED
Date: 8-17-2015 By: JC
This survey consists of:
Map: M166-40 A-I
Narrative:
Corner Rpt:
DOUGLAS COUNTY
SURVEYOR

CORNER NOTES:

(142674)

- 1/4 CORNER SECTIONS 25 AND 26
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) FOUND 9" HEMLOCK WITH VISIBLE SCRIBES
AND TAG DATED 3/10
N 84-3/4° E - 32.9' TO NAIL SIDE CENTER
2) FOUND 15.5" SNAG 20" TALL WITH VISIBLE SCRIBES
AND TAG DATED 7/56
S 12-1/2° E - 13.9'
3) FOUND 34.5" FIR WITH HEALED FACE
AND TAGS DATED 1966 AND 1979
N 31° W - 6.2'

(142713)

- SOUTHWEST CORNER SECTION 25
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) FOUND 28.5" FIR WITH HEALED FACE
AND TAG DATED 4/66
N 26° E - 30.0' TO NAIL SIDE CENTER
2) FOUND ROTTEN STUMP 3' TALL
AND TAG DATED 11/86
S 76° E - 24.0'
3) FOUND 25" CEDAR WITH HEALED FACE
AND TAG DATED 7/25/79
S 56° E - 106.4' TO NAIL SIDE CENTER
4) FOUND 20" FIR WITH HEALED FACE
AND TAG DATED 4/66
S 68° W - 25.6'
5) FOUND 25" FIR WITH HEALED FACE
AND TAG DATED 7/23/79
N 37-1/2° W - 23.4' TO NAIL SIDE CENTER

(142694)

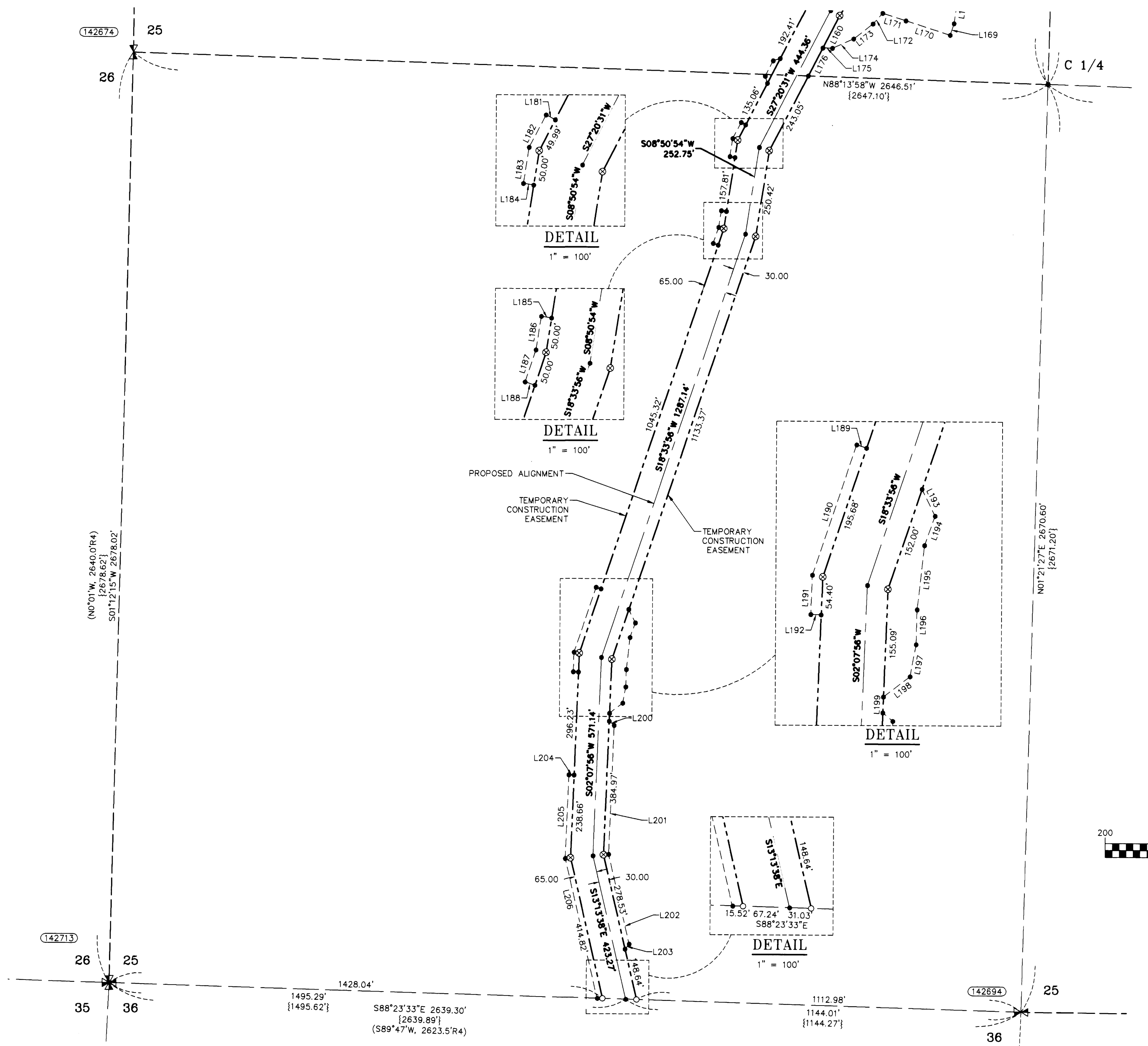
- 1/4 CORNER SECTIONS 25 AND 36
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) FOUND 18.5" HEMLOCK WITH BLAZED FACE
AND TAG DATED 10/10/13
S 10-1/2° W - 8.5' TO NAIL SIDE CENTER
2) FOUND 9" YEW WITH VISIBLE SCRIBES
AND TAG DATED 4/66
N 19° W - 37.2'

REFERENCE SURVEYS:

- RECORD OF SURVEY NO. M79-20 - MAY 22, 1980
- RECORD OF SURVEY NO. M79-43 - JUNE 9, 1980
- BLM DEPENDENT RESURVEY NO. 6077 - T30S-R3W - JAN. 10, 1986
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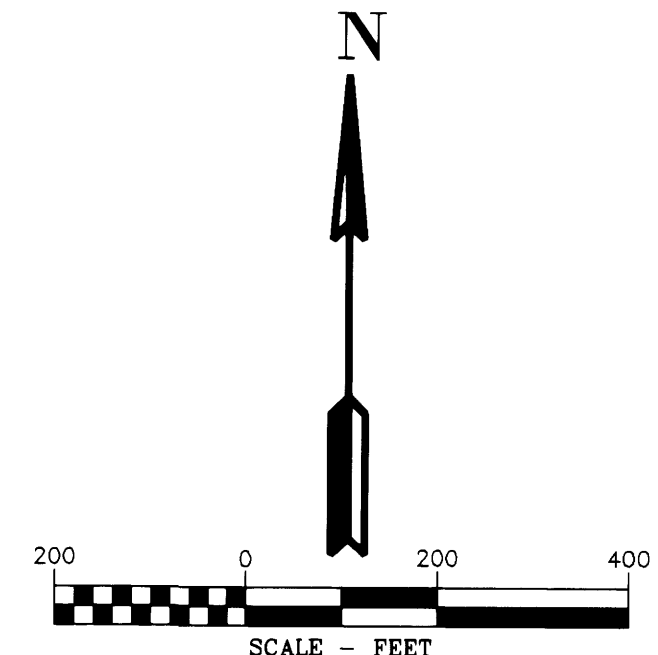
LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. LS 59002)
- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (PRIMM LAND SURVEYING, INC. LS 48490)
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- △ CORNER SEARCHED AND NOT FOUND
- ⑩ POINT NUMBER
- {xxx.xx'} GROUND DISTANCE
- {xxx.xx'} RECORD DISTANCE PER REFERENCED SURVEY
- R1 REFERENCED SURVEY
- PROPOSED ALIGNMENT
- - - - - TEMPORARY CONSTRUCTION EASEMENT
- - - - - TEMPORARY WORK AREA



LINE TABLE

Line #	Direction	Length
L160	S27°20'31\"W	104.92'
L169	S18°07'06\"W	35.22'
L170	N72°12'33\"W	134.81'
L171	N72°12'33\"W	70.47'
L172	S41°49'13\"W	41.81'
L173	S52°01'42\"W	70.60'
L174	S66°07'58\"W	66.98'
L175	N88°25'27\"W	27.76'
L176	S27°20'31\"W	90.34'
L177	S31°47'16\"W	153.14'
L178	N72°20'31\"E	21.21'
L179	N27°20'31\"E	50.00'
L180	S17°39'29\"E	21.21'
L181	N62°39'29\"W	15.00'
L182	S27°20'31\"W	52.44'
L183	S08°50'54\"W	52.45'
L184	S81°09'08\"E	15.00'
L185	N81°09'08\"W	15.00'
L186	S08°50'54\"W	48.72'
L187	S18°33'56\"W	48.73'
L188	S71°26'03\"E	15.00'
L189	N71°26'03\"W	15.00'
L190	S18°33'56\"W	197.85'
L191	S02°07'56\"W	56.57'
L192	S87°52'58\"E	15.00'
L193	S26°26'01\"E	43.07'
L194	S19°38'56\"W	44.78'
L195	S06°17'56\"W	93.13'
L196	S01°29'27\"W	50.28'
L197	S10°27'39\"W	47.02'
L198	S52°33'52\"W	48.13'
L199	S02°07'56\"W	22.70'
L200	S50°15'13\"E	18.94'
L201	S02°07'56\"W	371.39'
L202	S13°13'38\"E	265.20'
L203	S39°44'47\"W	18.79'
L204	N87°52'07\"W	15.00'
L205	S02°07'56\"W	240.69'
L206	S13°13'38\"E	412.87'



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

CERTIFIED PROFESSIONAL SURVEYOR
1245
Expires June 5, 2017

REGISTERED PROFESSIONAL LAND SURVEYOR
MICHAEL W. ERICKSON
OREGON JULY 28, 1988
MICHAEL W. ERICKSON 2340
Expires 12-31-2015

REGISTERED PROFESSIONAL LAND SURVEYOR
JAMES M. KLEIN
OREGON JULY 28, 2008
JAMES M. KLEIN 59002
Expires 6-30-2017

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PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
RECORD OF SURVEY
SECTION 25
TOWNSHIP 31 SOUTH, RANGE 3 WEST, W.M.
DOUGLAS COUNTY OREGON

Pacific Connector GAS PIPELINE

DRAWN BY: LJS	DATE: 06-01-2015	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 8 OF 9

RECORD OF SURVEY

LOCATED IN THE
SW 1/4 AND SE 1/4 OF SECTION 31
AND THE
SW 1/4 OF SECTION 32
TOWNSHIP 31 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY, OREGON

FILED
Date: 8-17-2015 By: X
This survey consists of:
Map: M166-40A-I
Name:
Corner: Ppt.
DOUGLAS COUNTY
SURVEYOR

CORNER NOTES:

(142719)
W.C. TO 1/4 CORNER SECTION 36
FOUND 2-1/2" BRASS CAP
STAMPED N 01°4' E, 122.79, PLS 866, 1980
BT REFERENCES:
1) FOUND 19.5" FIR WITH HEALED FACE
AND TAG DATED 6/80
S 25°29' W - 62.8' TO NAIL SIDE CENTER
AND TAG DATED 6/80
S 41°05' W - 54.6' TO NAIL SIDE CENTER

(142727)
CLOSING CORNER
SOUTHWEST CORNER SECTION 31, T31S-R02W
FOUND 2-1/2" BRASS CAP
STAMPED PLS 866 1980
BT REFERENCES:
1) FOUND 38" FIR SNAG WITH HEALED FACE
AND TAG DATED 6/80
N 42° E - 22.8' TO NAIL SIDE CENTER
2) FOUND 41" FIR WITH HEALED FACE
AND TAG DATED 6/80
S 29° E - 34.0'
3) FOUND 11" FIR BLAZED FACE
SET TAG DATED 8/14
N 20° W - 14.3' TO NAIL SIDE CENTER
4) FOUND 20" W. FIR WITH HEALED FACE
AND TAG DATED 6/80
N 47°42' E - 44.6' TO NAIL SIDE CENTER

(142726)
SOUTHEAST CORNER SECTION 36, T31S-R03W
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) FOUND 25" CEDAR WITH HEALED FACE
AND TAG DATED 6/80
N 40°20' E - 68.4' TO NAIL SIDE CENTER
2) FOUND 14.5" YEW WITH VISIBLE SCRIBE
AND TAG DATED 6/80
N 64°24' W - 87.6' TO NAIL SIDE CENTER

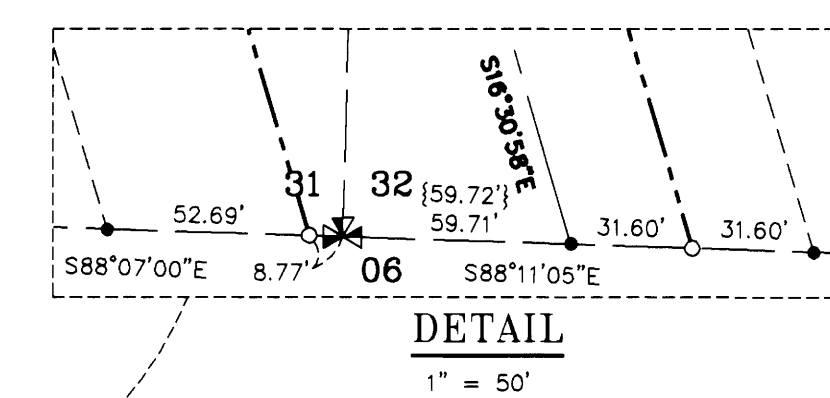
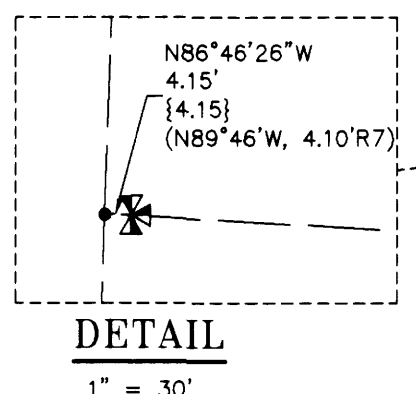
(142717)
SOUTHWEST CORNER SECTION 32 T31S-R02W
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) FOUND 16" MADRONE WITH HEALED FACE
AND TAG DATED 8/66
N 32° W - 27.6' TO NAIL SIDE CENTER
2) FOUND 17" MADRONE HEALED FACE
AND TAG DATED 8/66
N 52-1/2° W - 35.6' TO NAIL SIDE CENTER
3) FOUND TREE PER M166-25
15" GRAND FIR (SCRIBED S32 T31S R2W BT)
SET TAG DATED 8/14
N 66° E - 13.3' TO NAIL SIDE CENTER
4) FOUND TREE PER M166-25
10" GRAND FIR (SCRIBED "X" BT)
SET TAG DATED 8/14
S 44° E - 24.6' TO NAIL SIDE CENTER

(148050)
NORTHEAST CORNER SECTION 6 T31S-R02W
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) FOUND 19" D. FIR 10' STUMP WITH VISIBLE SCRIBE
AND TAG DATED 9/66
S 44° E - 27.1'
2) FOUND 33" D. FIR 8' STUMP WITH VISIBLE SCRIBE
AND TAG DATED 9/66
S 21-1/2° W, 10.6'
3) FOUND TREE PER M166-25
13" FIR (SCRIBED S5 T31S R2W BT)
SET TAG DATED 8/14
S 66° E - 18.6' TO NAIL SIDE CENTER
4) FOUND TREE PER M166-25
10" FIR (SCRIBED S6 T31S R2W BT)
SET TAG DATED 8/14
S 73° W - 1.2' TO NAIL SIDE CENTER
5) FOUND TREE PER M166-25
15" FIR (SCRIBED "X" BT)
SET TAG DATE 8/14
N 21° W - 17.85' TO NAIL SIDE CENTER

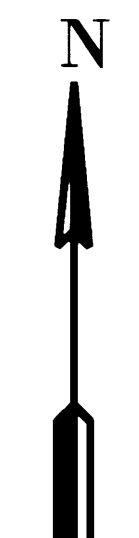
(143742)
SOUTH 1/4 CORNER SECTION 31, T31S-R02W
FOUND 2-1/2" ALUMINUM CAP
STAMPED RLS 601, 1980
BT REFERENCES:
1) FOUND 28" W. FIR WITH HEALED FACE
SET TAG DATED 2/25/2015
N 72° E - 111.0'
2) FOUND 16" MADRONE WITH HEALED FACE
SET TAG DATED 2/25/2015
N 26°15' W - 65.3'
3) FOUND 52" DIA. STUMP WITH VISIBLE SCRIBES
WITH TAG DATED 1/80
N 40°30' W - 75.3'
4) SET NEW BEARING TREE
24" D. FIR (MARKED - 1/4 S31 BT)
SET TAG DATED 2/15
N 21° E - 29.0' TO NAIL SIDE CENTER
5) SET NEW BEARING TREE
12" D. FIR (MARKED - 1/4 S1 BT)
SET TAG DATED 2/15
S 36° E - 16.7' TO NAIL SIDE CENTER

(143739)
NORTHWEST CORNER SECTION 6, T32S-R02W
FOUND 2-1/2" ALUMINUM CAP
STAMPED RLS 601, 1980
BT REFERENCES:
1) FOUND 8" MADRONE WITH HEALED FACE
AND TAG DATED 1/80
S 83°55' E - 10.0'
2) FOUND 15" MADRONE WITH HEALED FACE
AND TAG DATED 1/80
S 26°35' E - 34.6'
3) FOUND 24" D. FIR WITH HEALED FACE
AND TAG DATED 1/80
S 19° W - 33.3'
4) FOUND 17" MADRONE WITH HEALED FACE
AND TAG DATED 1/80
N 38°25' W - 15.9'

(143755)
SOUTH 1/4 CORNER SECTION 32, T31S-R02W
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) FOUND 30" DIA. 3" TALL STUMP WITH HACK MARKS
N 30° W - 50.8'
2) SET NEW BEARING TREE
13" FIR (MARKED - "X" BT)
SET TAG DATED 3/15
S 38° E - 12.95' TO NAIL SIDE CENTER
3) SET NEW BEARING TREE
12.5" FIR (MARKED - 1/4 S32 BT)
SET TAG DATED 3/15
N 08° W - 19.1' TO NAIL SIDE CENTER



- ### REFERENCE SURVEYS:
- 1) RECORD OF SURVEY NO. M79-20 - MAY 22, 1980
 - 2) RECORD OF SURVEY NO. M79-43 - JUNE 9, 1980
 - 3) BLM DEPENDENT RESURVEY NO. 6077 - T30S-R3W - JAN. 10, 1986 - JUNE 29, 1995
 - 4) ORIGINAL GLO PLAT, TOWNSHIP 31 SOUTH, RANGE 3 WEST - JUNE 29, 1895
 - 5) RECORD OF SURVEY NO. 166-29 - FEB. 9, 2015
 - 6) RECORD OF SURVEY NO. M111-67 - APRIL 10, 1991
 - 7) RECORD OF SURVEY NO. M84-4 - JUNE 18, 1980
 - 8) ORIGINAL GLO NOTES, SOUTH LINE OF TOWNSHIP 31 SOUTH, RANGE 2 WEST - SEPT. 26, 1908



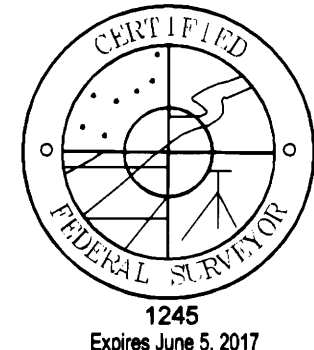
LINE TABLE					
Line #	Direction	Length	Line #	Direction	Length
L207	N80°46'54"E	148.33'	L225	S42°01'04"E	80.68'
L208	N54°27'44"E	10.37'	L226	N77°04'17"E	102.64'
L209	N39°22'29"E	38.41'	L227	S57°55'39"E	70.71'
L210	S54°15'55"E	35.38'	L228	N77°04'17"E	99.67'
L211	N80°46'54"E	145.36'	L229	N77°04'17"E	188.51'
L212	N87°10'54"E	54.19'	L230	S42°01'04"E	75.00'
L213	N35°44'05"E	31.97'	L231	S02°58'55"W	42.42'
L214	N80°46'54"E	171.80'	L232	S42°01'05"E	62.64'
L215	N87°10'54"E	75.51'	L233	N77°04'19"E	176.14'
L216	N80°46'54"E	182.57'	L234	N32°04'19"E	42.42'
L217	N87°10'54"E	10.69'	L235	S47°58'55"W	30.00'
L218	S22°44'38"E	27.66'	L236	S42°01'04"E	378.26'
L219	N80°53'22"E	160.76'	L237	S16°30'58"E	18.81'
L220	N35°44'05"E	36.74'	L238	S73°22'08"W	20.00'
L221	N77°04'17"E	58.68'	L239	S16°30'58"E	188.90'
L222	N77°04'17"E	182.04'	L240	S16°30'58"E	18.29'
L223	S42°01'04"E	110.09'	L241	S73°29'02"W	30.00'
L224	N47°58'57"E	50.00'	L242	N16°30'58"W	275.79'

LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. LS 59002)
- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (PRIMM LAND SURVEYING, INC. LS 48490)
- ⊗ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 2340)
- ⊙ FOUND MONUMENT OF RECORD, 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
- △ CORNER SEARCHED AND NOT FOUND
- POINT NUMBER
- {XXXXXX} GROUND DISTANCE
- {XXX.XXX} RECORD DISTANCE PER REFERENCED SURVEY
- R1 REFERENCED SURVEY
- PROPOSED ALIGNMENT
- - - - - TEMPORARY CONSTRUCTION EASEMENT
- - - - - TEMPORARY WORK AREA

AREA SECTION 31 & 32	
TEMPORARY CONSTRUCTION EASEMENT	8.37 ACRES
TEMPORARY WORK AREA	1.49 ACRES

REGISTERED PROFESSIONAL LAND SURVEYOR
Douglas A. Popham
OREGON JULY 14, 1988
DOUGLAS A. POPHAM 2877
Expires 12-31-2018



REGISTERED PROFESSIONAL LAND SURVEYOR
Michael W. Erickson
OREGON JULY 26, 1988
MICHAEL W. ERICKSON 2340
Expires 12-31-2015

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

KA
Klein & Associates, Inc.
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1411 13th Street • Hood River, OR 97031
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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 SECTIONS 31&32 TOWNSHIP 31 SOUTH, RANGE 2 WEST, W.M. DOUGLAS COUNTY OREGON			
DRAWN BY: LJS	DATE: 06-01-2015	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 9 OF 9