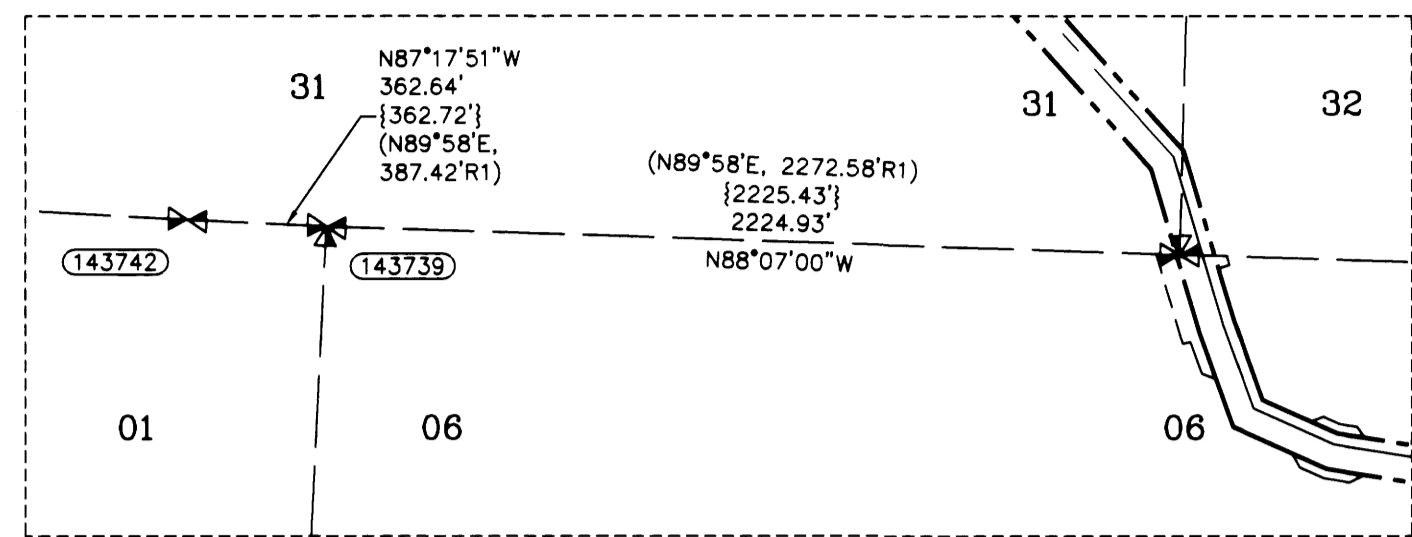


AMENDED RECORD OF SURVEY

(SURVEY M166-25) LOCATED IN SECTIONS 5,6,8,16,17,21 AND 22 TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M. DOUGLAS COUNTY, OREGON

FILED
Date: 7-13-2015 By: JC
This survey consists of:
Map: M166-35A-H
Number:
Cover Page:
DOUGLAS COUNTY SURVEYOR



LEGEND

- 5/8" x 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-25 VERIFIED OR RESET THIS AMENDED SURVEY (KLEIN & ASSOC. PLS 59002)
- ⊗ 5/8" x 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-25 VERIFIED OR RESET THIS AMENDED SURVEY (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
- ⊞ POINT NUMBER
- {XXX.XX} GROUND DISTANCE
- {XXX.XX} RECORD DISTANCE PER REFERENCED SURVEY
- R1 REFERENCED SURVEY
- PROPOSED ALIGNMENT
- TEMPORARY CONSTRUCTION EASEMENT
- TEMPORARY WORK AREA

DETAIL

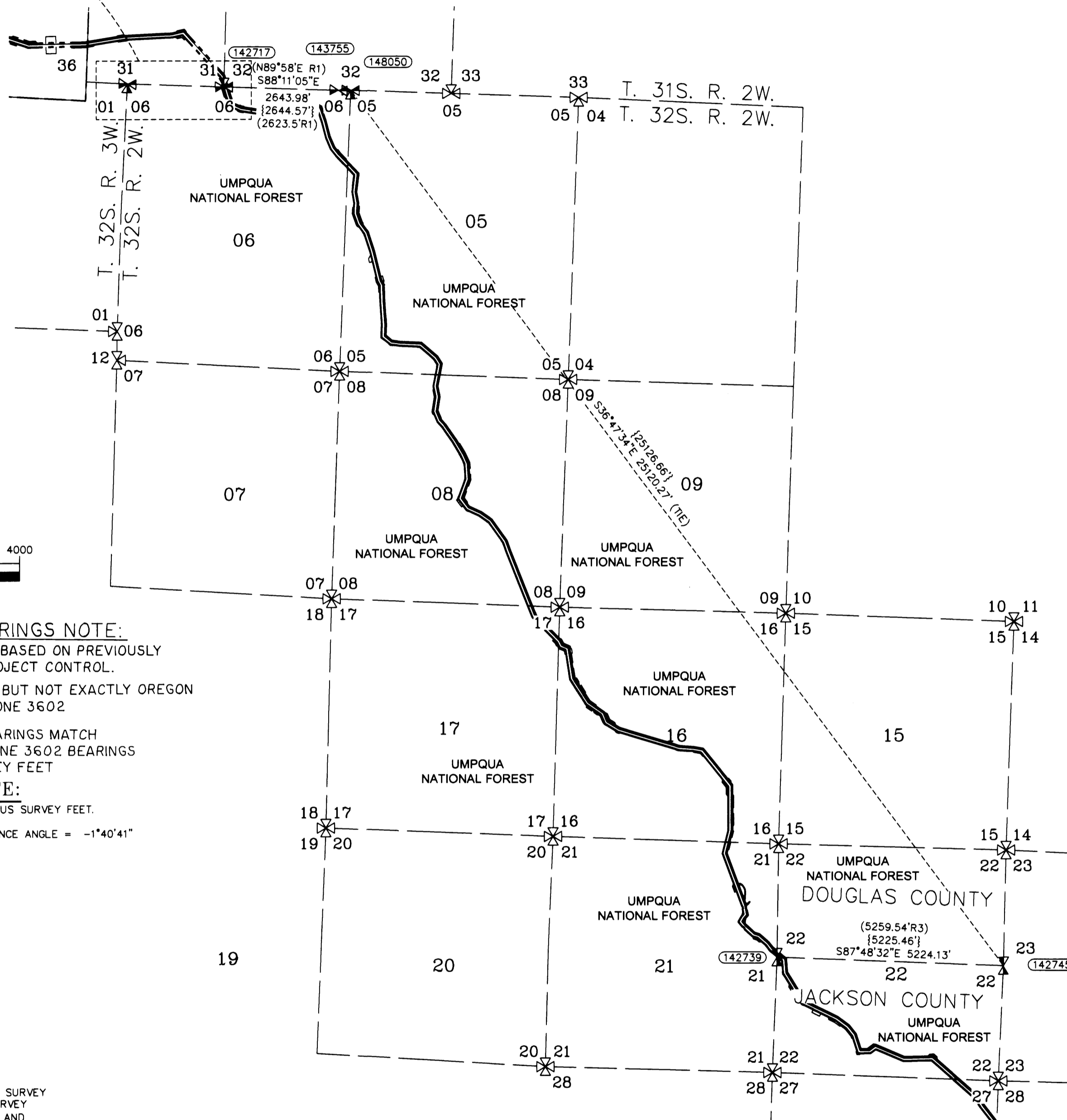
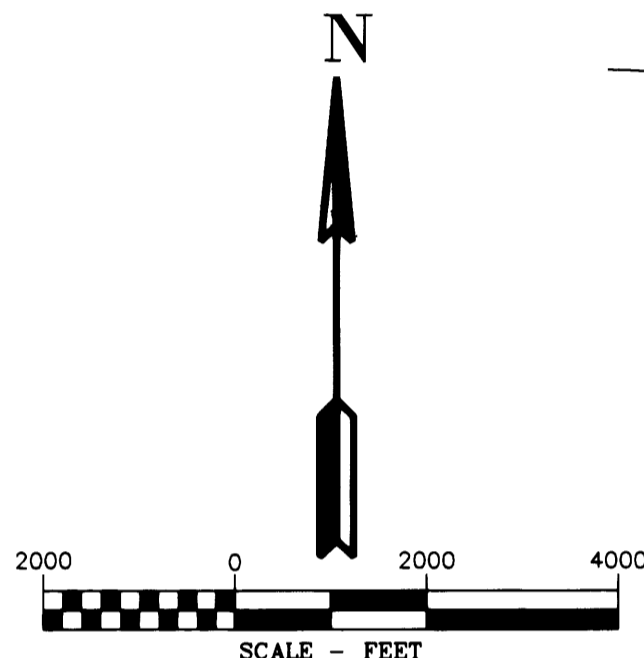
1" = 50'

AMENDMENT NOTE:

PIPELINE DESIGN CHANGES HAVE OCCURRED SINCE THE FILING OF SURVEY M166-25. ALL MONUMENTS SET IN M166-25 THAT ARE NO LONGER PART OF THE UPDATED DESIGN HAVE BEEN REMOVED. NEW MONUMENTS HAVE BEEN SET AS SHOWN HEREON.

A DISTANCE AND BEARING ERROR WAS DISCOVERED FOR THE MID SECTION LINE OF SECTION 22, AND IS BEING CORRECTED ON THIS SURVEY.

AN ADDITIONAL CONTROLLING MONUMENT WAS FOUND AT THE SOUTH 1/4 OF SECTION 32, T.31 S., R.2W. THE ADDITIONAL DATA IS BEING SHOWN ON THIS SURVEY.



CORNER NOTES:

(143752)

SOUTH 1/4 CORNER SECTION 31, T31S-R02W FOUND 2-1/2" ALUMINUM CAP STAMPED RLS 601, 1980

- BT REFERENCES:
- 28" W. FIR WITH HEALED FACE SET TAG DATED 2/25/2015 N 72° E - 111.0'
 - 16" MADRONE WITH HEALED FACE SET TAG DATED 2/25/2015 N 25°15' W - 85.3'
 - 52" DIA. STUMP WITH VISIBLE SCRIBES WITH TAG DATED 1/80 N 40°30' W - 75.3'
 - SET NEW BEARING TREE 24" D. FIR (MARKED - SC1/4 S31 BT) SET TAG DATED 2/15 N 21° E - 29.0' TO NAIL SIDE CENTER
 - 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

(148650)

NORTHEAST CORNER SECTION 6 T31S-R02W FOUND 2-1/2" BRASS CAP STAMPED COUNTY SURVEYORS OFFICE 1966

- BT REFERENCES:
- 19" D. FIR 10' STUMP WITH VISIBLE SCRIBE AND TAG DATED 9/66 S 44° E - 27.1'
 - 33" D. FIR 8' STUMP WITH VISIBLE SCRIBE AND TAG DATED 9/66 S 21°12' W - 10.6'
 - BEARING TREE PER M166-25 13" FIR BLAZED FACE SET TAG DATED 8/14 S 66° E - 18.6' TO NAIL SIDE CENTER
 - BEARING TREE PER M166-25 10" FIR BLAZED FACE SET TAG DATED 8/14 S 73° W - 1.2' TO NAIL SIDE CENTER
 - BEARING TREE PER M166-25 15" FIR BLAZED FACE SET TAG DATE 8/14 N 21° W - 17.85' TO NAIL SIDE CENTER

(143739)

NORTHWEST CORNER SECTION 6, T32S-R02W FOUND 2-1/2" ALUMINUM CAP STAMPED RLS 601, 1980

- BT REFERENCES:
- 8" MADRONE WITH HEALED FACE AND TAG DATED 1/80 S 83°55' E - 10.0'
 - 15" MADRONE WITH HEALED FACE AND TAG DATED 1/80 S 26°35' E - 34.6'
 - 24" D. FIR WITH HEALED FACE AND TAG DATED 1/80 S 19° W - 33.3'
 - 7" MADRONE WITH HEALED FACE AND TAG DATED 1/80 N 38°25' W - 15.9'

(142739)

1/4 CORNER SECTIONS 21/22 FOUND 3" BRASS CAP STAMPED OLS 536, 1968

- BT REFERENCES:
- 15" CEDAR WITH HEALED FACE AND TAG DATED 10/13 S 23° E - 9.0' TO NAIL SIDE CENTER
 - 29" FIR WITH TAG DATED 10/13 N 76° W - 46.4' TO NAIL SIDE CENTER

(142717)

SOUTHWEST CORNER SECTION 32 T31S-R02W FOUND 2-1/2" BRASS CAP STAMPED COUNTY SURVEYORS OFFICE 1966

- BT REFERENCES:
- 12" 5" FIR WITH HEALED FACE AND TAG DATED 8/86 N 76° E - 28.4' TO NAIL SIDE CENTER
 - 28" FIR 50" TALL SNAG WITH HEALED FACE S 45° E - 7.5' NO TAG FOUND OR SET
 - 19.5" FIR 30" TALL SNAG WITH VISIBLE SCRIBE AND TAG DATED 8/86 S 10° W - 9.9'
 - 10" FIR (MARKED - 1/4 S23 BT) SET TAG DATED 8/14 S 55° W - 11.95' TO NAIL SIDE CENTER (REVISED BEARING FROM M166-25)

(142745)

1/4 CORNER SECTIONS 22/23 FOUND 2-1/2" BRASS CAP STAMPED CS 1986

- BT REFERENCES:
- 12" 5" FIR WITH HEALED FACE AND TAG DATED 8/86 N 76° E - 28.4' TO NAIL SIDE CENTER
 - 28" FIR 50" TALL SNAG WITH HEALED FACE S 45° E - 7.5' NO TAG FOUND OR SET
 - 19.5" FIR 30" TALL SNAG WITH VISIBLE SCRIBE AND TAG DATED 8/86 S 10° W - 9.9'
 - 10" FIR (MARKED - 1/4 S23 BT) SET TAG DATED 8/14 S 55° W - 11.95' TO NAIL SIDE CENTER (REVISED BEARING FROM M166-25)

(143755)

SOUTH 1/4 CORNER SECTION 32, T31S-R02W FOUND 2-1/2" BRASS CAP STAMPED COUNTY SURVEYORS OFFICE 1966

- BT REFERENCES:
- 30" DIA. 3" TALL STUMP WITH HACK MARKS N 30° W - 50.8'
 - SET NEW BEARING TREE 13" FIR (MARKED CS1/4 S6 BT) SET TAG DATED 3/15 S 238° E - 12.95' TO NAIL SIDE CENTER
 - SET NEW BEARING TREE 12.5" FIR (MARKED - CS1/4 S32 BT) SET TAG DATED 3/15 N 08° W - 19.1' TO NAIL SIDE CENTER

AREAS

TEMPORARY CONSTRUCTION EASEMENT	59.69 ACRES
TEMPORARY WORK AREA	10.94 ACRES

REFERENCE SURVEYS:

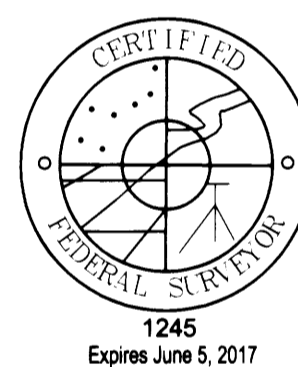
- ORIGINAL GLO NOTES, SOUTH LINE OF TOWNSHIP 31 SOUTH, RANGE 2 WEST - SEPT. 26, 1908
- ORIGINAL GLO PLAT, TOWNSHIP 32 SOUTH, RANGE 2 WEST - DEC. 11, 1903
- COUNTY SURVEY NO. M166-25

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
Expires 12-31-2016



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

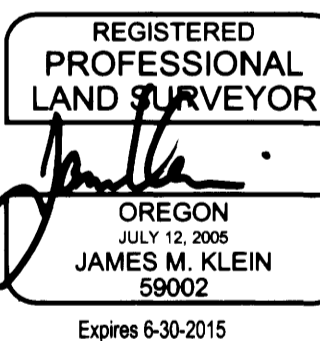
NOTE: DISTANCES ARE IN US SURVEY FEET. MEAN MERIDIAN CONVERGENCE ANGLE = -1°40'41"

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
Expires 6-30-2015



SHEET INDEX:

- SHEET 1 = COVER PAGE TOWNSHIP OVERVIEW
- SHEET 2 = SECTIONS 6 & 5
- SHEET 3 = SECTION 5
- SHEET 4 = SECTION 8
- SHEET 5 = SECTION 8
- SHEET 6 = SECTIONS 17 & 16
- SHEET 7 = SECTION 16
- SHEET 8 = SECTIONS 21 & 22

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO AMEND THE SURVEY FILED AS COUNTY SURVEY NO. M166-25. THIS SURVEY SHOWS ADDITIONAL INFORMATION FOR THE FOUND AND RECORD DATA BETWEEN EXISTING MONUMENTS. THIS SURVEY ALSO HAS AN ADDITIONAL SURVEY CERTIFICATE SHOWN.

THE TEMPORARY CONSTRUCTION CORRIDOR FOR THE WILLIAMS PACIFIC CONNECTOR GAS LINE. THIS SURVEY IS LOCATED IN TOWNSHIP 32 SOUTH, RANGE 2 WEST, OF THE WILLAMETTE MERIDIAN.

THE PUBLIC LAND SURVEY SYSTEM MONUMENTS WERE FOUND AND TIED BY KLEIN & ASSOCIATES AND VERIFIED BY DOUG POPHAM A CERTIFIED FEDERAL SURVEYOR.

THE TEMPORARY CONSTRUCTION EASEMENT WAS SURVEYED AND MONUMENTED BY THE DYER PARTNERSHIP.

THE INTERSECTION OF THE TEMPORARY CONSTRUCTION EASEMENT AND THE FEDERAL LANDS WERE MONUMENTED BY KLEIN & ASSOCIATES.

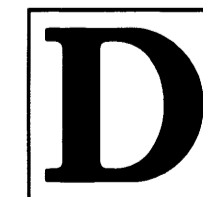
SCALE FACTOR NOTE

THE DISTANCES SHOWN ON THIS SURVEY ARE GRID DISTANCES UNLESS NOTED. THE COMBINED SCALE FACTOR = 0.999745737 TO CONVERT FROM GRID TO GROUND MULTIPLY THE DISTANCE BY 1.000254328

EXAMPLE: 300.00' GRID DISTANCE 300.00' x 1.000254328 = 300.08' GROUND DISTANCE.



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 541-388-3322 • FAX 541-388-2515

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
RECORD OF SURVEY

TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY OREGON

Pacific Connector GAS PIPELINE

DRAWN BY:	LIS	DATE:	04-09-2015	ISSUED FOR BID:	SCALE:	1" = 2000'
CHECKED BY:		DATE:		ISSUED FOR CONSTRUCTION:		
APPROVED BY:		DATE:		DRAWING NUMBER:		SHEET 1 OF 8

WILLAMETTE MERIDIAN
DOUGLAS COUNTY, OREGON

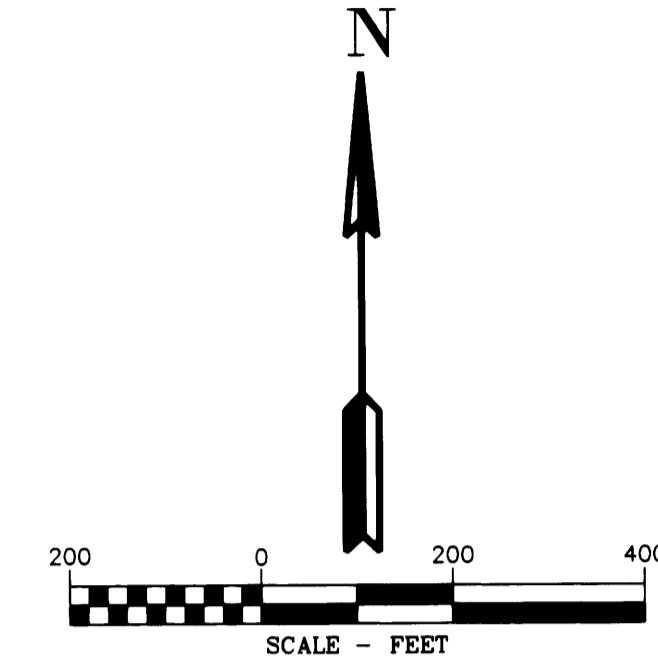
T.32S., R.02W
06 05
08
17 16
21 22

SURVEY PERFORMED FOR:
WILLIAMS PACIFIC CONNECTOR
DATE OF MONUMENTATION: MARCH 9, 2014
PROJECT: 14-02-05 DRAFT: GD, LS
FILE: RS-32S-02W.DWG

AMENDED RECORD OF SURVEY

(SURVEY M166-25) LOCATED IN
THE NW 1/4, THE NE 1/4 AND SE 1/4 OF SECTION 6
AND THE SW 1/4 OF SECTION 5
TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY, OREGON

FILED
Date: 7-13-2015 By: JC
This survey consists of:
Map: M166-35 A-F
County: DOUGLAS COUNTY
Surveyor: DOUGLAS COUNTY SURVEYOR



CORNER NOTES:

- (142717)**
SOUTHWEST CORNER SECTION 32 T31S-R02W
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) 16" MADRONE WITH HEALED FACE
AND TAG DATED 8/66
N 32° W - 27.6' TO NAIL SIDE CENTER
2) 17" MADRONE HEALED FACE
AND TAG DATED 8/66
N 52-1/2° W - 35.6' TO NAIL SIDE CENTER
3) BEARING TREE PER M166-25
15" GRAND FIR WITH BLAZED FACE
SET TAG DATED 8/14
N 66° E - 13.3' TO NAIL SIDE CENTER
4) BEARING TREE PER M166-25
10" GRAND FIR WITH BLAZED FACE
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) 19" D. FIR 10" STUMP WITH VISIBLE SCRIBE
AND TAG DATED 9/66
S 44° E - 27.1'
2) 33" D. FIR 8" STUMP WITH VISIBLE SCRIBE
AND TAG DATED 9/66
S 21-1/2° W, 10.8'
3) BEARING TREE PER M166-25
13" FIR BLAZED FACE
SET TAG DATED 8/14
S 66° E - 18.6' TO NAIL SIDE CENTER
4) BEARING TREE PER M166-25
10" FIR BLAZED FACE
SET TAG DATED 8/14
S 73° W - 1.2' TO NAIL SIDE CENTER
5) BEARING TREE PER M166-25
15" FIR BLAZED FACE
SET TAG DATE 8/14
N 21° W - 17.85' TO NAIL SIDE CENTER

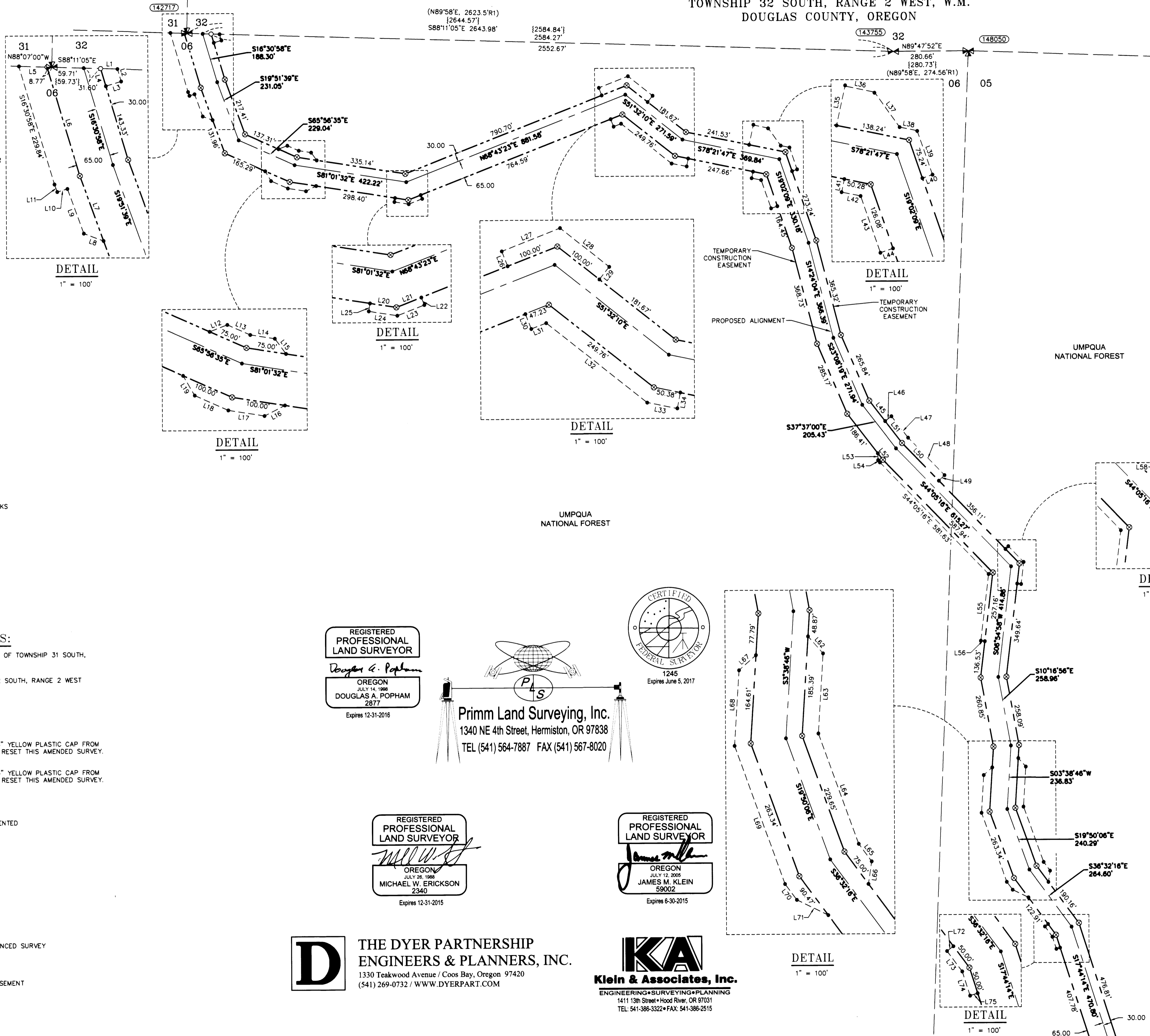
- (143755)**
SOUTH 1/4 CORNER SECTION 32, T31S-R02W
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1966
BT REFERENCES:
1) 30" DIA. 3" TALL STUMP WITH HACK MARKS
N 30° W - 50.8'
2) SET NEW BEARING TREE
13" FIR (MARKED CS1/4 S6 BT)
SET TAG DATED 3/15
S 38° E - 12.95' TO NAIL SIDE CENTER
3) SET NEW BEARING TREE
12.5" FIR (MARKED - CS1/4 S32 BT)
SET TAG DATED 3/15
N 08° W - 19.1' TO NAIL SIDE CENTER

REFERENCE SURVEYS:

- ORIGINAL GLO NOTES, SOUTH LINE OF TOWNSHIP 31 SOUTH, RANGE 2 WEST - SEPT. 26, 1908
- ORIGINAL GLO PLAT, TOWNSHIP 32 SOUTH, RANGE 2 WEST - DEC. 11, 1903
- COUNTY SURVEY NO. M166-25

LEGEND

- 5/8" x 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-25 VERIFIED OR RESET THIS AMENDED SURVEY. (KLEIN & ASSOC. PLS 59002)
- ⊙ 5/8" x 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-25 VERIFIED OR RESET THIS AMENDED SURVEY. (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
- 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	Line #	Direction	Length
L1	S88°11'05"E	31.60'	L38	S78°21'47"E	33.38'
L2	S16°30'58"E	24.21'	L39	S19°02'10"E	86.63'
L3	S73°29'02"W	30.00'	L40	S70°57'51"W	20.00'
L4	S16°30'58"E	34.15'	L41	S11°38'13"W	25.00'
L5	N88°07'00"W	52.69'	L42	S78°21'47"E	36.04'
L6	S16°30'58"E	211.74'	L43	S19°02'09"E	111.84'
L7	S19°51'39"E	128.63'	L44	N70°57'51"E	25.00'
L8	S69°26'38"E	39.40'	L45	S37°37'00"E	96.64'
L9	S19°51'39"E	88.47'	L46	N52°23'09"E	30.00'
L10	N73°22'07"E	20.03'	L47	S37°37'00"E	101.59'
L11	S19°51'41"E	14.95'	L48	S44°05'16"E	195.08'
L12	N69°03'25"E	35.36'	L49	S45°54'44"W	30.00'
L13	S65°56'35"E	46.69'	L50	S44°05'16"E	196.77'
L14	S81°01'32"E	46.69'	L51	S37°37'00"E	103.28'
L15	S36°01'32"E	35.36'	L52	S37°37'00"E	30.95'
L16	N63°11'51"E	42.76'	L53	S1°53'58"E	25.69'
L17	S81°01'32"E	68.62'	L54	S37°37'00"E	10.93'
L18	S65°56'35"E	68.61'	L55	S6°54'58"W	250.00'
L19	S30°10'21"E	42.77'	L56	S83°05'02"E	15.00'
L20	S81°01'32"E	50.00'	L58	S45°54'44"W	15.00'
L21	N68°43'23"E	50.00'	L59	N44°05'16"W	82.16'
L22	N21°16'37"W	15.00'	L60	N6°54'58"E	82.16'
L23	N68°43'23"E	54.05'	L61	S83°05'02"E	15.00'
L24	S81°01'32"E	54.05'	L62	N41°21'14"W	42.43'
L25	S8°58'28"W	15.00'	L63	N3°38'46"E	149.16'
L26	N21°16'37"W	30.00'	L64	N19°50'06"W	219.01'
L27	N68°43'23"E	117.23'	L65	N36°32'16"W	40.59'
L28	S51°32'10"E	117.23'	L66	N8°27'40"E	42.43'
L29	S38°27'50"W	30.00'	L67	S48°38'46"W	42.43'
L30	S21°16'35"E	30.00'	L68	S3°38'46"W	140.84'
L31	N68°43'23"E	30.00'	L69	N19°50'06"W	273.97'
L32	S51°32'10"E	239.68'	L70	S36°32'16"E	36.83'
L33	S78°21'47"E	57.89'	L71	S63°52'21"E	65.33'
L34	N10°56'51"E	30.00'	L72	S53°27'40"W	15.00'
L35	N12°21'04"E	75.01'	L73	S36°32'16"E	47.52'
L36	S78°21'47"E	56.24'	L74	S17°44'14"E	47.52'
L37	S35°24'47"E	80.72'	L75	N72°15'46"E	15.00'

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 26, 1998
MICHAEL W. ERICKSON
2340
Expires 12-31-2015

REGISTERED PROFESSIONAL LAND SURVEYOR
James M. Klein
OREGON
JULY 12, 2005
JAMES M. KLEIN
59002
Expires 6-30-2015

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
SECTIONS 05 AND 06
TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY OREGON

Pacific Connector GAS PIPELINE

DRAWN BY: LJS DATE: 04-09-2015 ISSUED FOR BID: SCALE: 1" = 200'

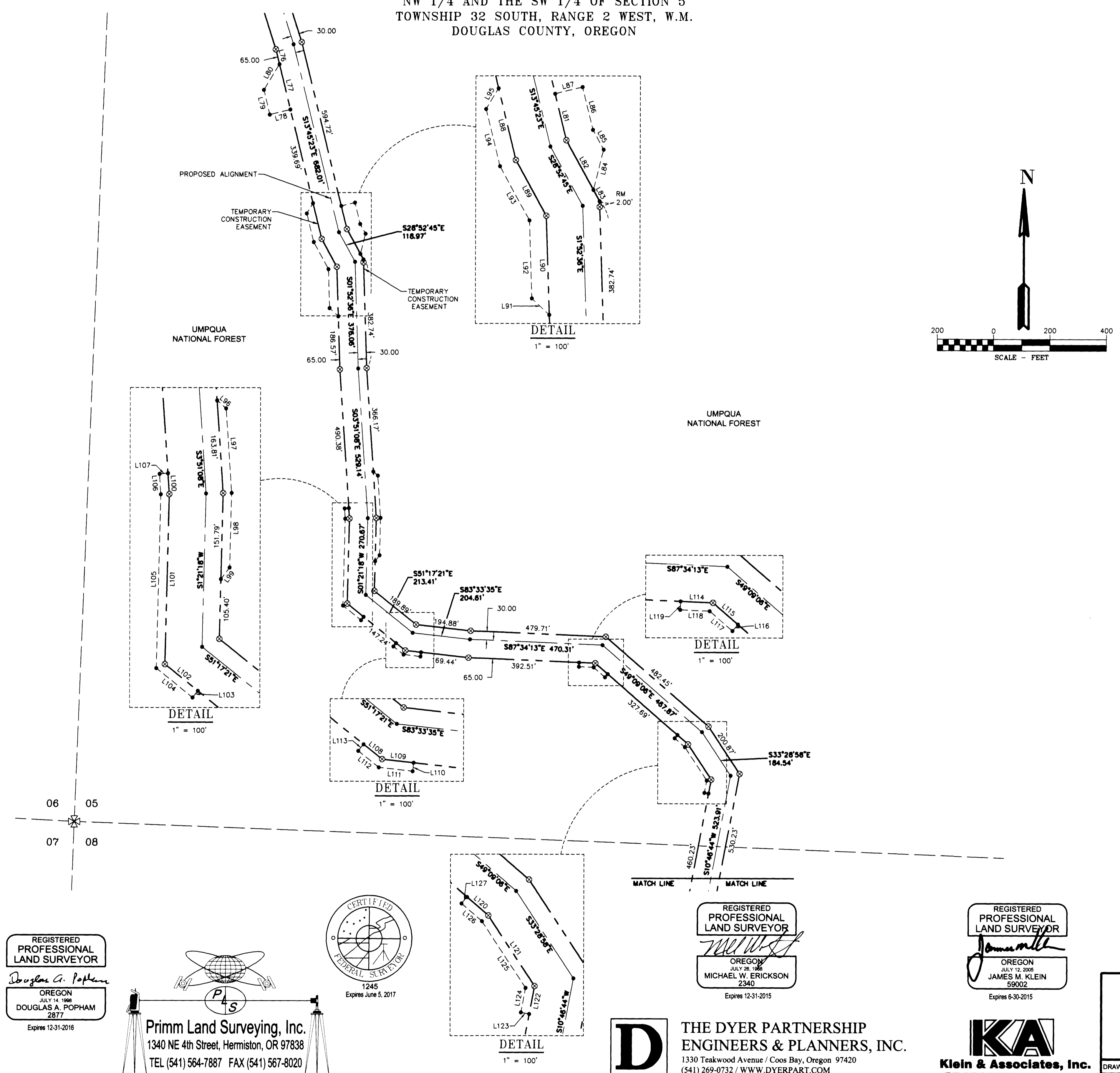
CHECKED BY: DATE: ISSUED FOR CONSTRUCTION:

APPROVED BY: DATE: DRAWING NUMBER: SHEET 2 OF 8

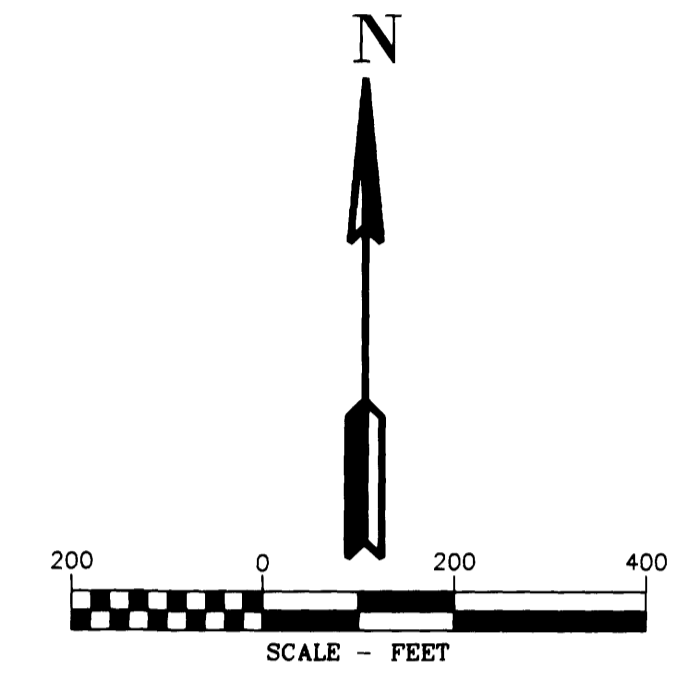
AMENDED RECORD OF SURVEY

(SURVEY M166-25)
 LOCATED IN THE
 NW 1/4 AND THE SW 1/4 OF SECTION 5
 TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
 DOUGLAS COUNTY, OREGON

FILED
 Date: 7-13-2015 By: [Signature]
 This survey consists of:
 Map: M166-35 A-H
 Number of Pages: 4
 Containing: [Blank]
DOUGLAS COUNTY
SURVEYOR



Line #	Direction	Length
L76	S13°45'23"E	54.21'
L77	S13°45'23"E	164.49'
L78	N76°14'37"E	75.00'
L79	S13°45'23"E	89.49'
L80	S31°14'37"W	106.07'
L81	S13°45'23"E	84.36'
L82	S28°52'45"E	99.67'
L83	S28°52'45"E	22.53'
L84	N14°11'15"E	73.22'
L85	S28°52'45"E	39.53'
L86	N13°45'23"W	77.72'
L87	S76°14'37"W	50.00'
L88	S13°45'23"E	130.00'
L89	N28°52'45"W	111.99'
L90	S1°52'36"E	175.00'
L91	S46°52'36"E	42.43'
L92	S1°52'36"E	137.80'
L93	S28°52'45"E	108.77'
L94	S13°45'23"E	103.98'
L95	S31°14'37"W	42.43'
L96	S48°51'08"E	21.21'
L97	S3°51'08"E	149.50'
L98	S1°21'18"W	131.45'
L99	S36°51'42"W	25.83'
L100	S3°51'08"E	36.93'
L101	S1°21'18"W	299.87'
L102	S51°17'21"E	75.00'
L103	N38°42'39"E	15.00'
L104	S51°17'21"E	82.42'
L105	S1°21'18"W	306.61'
L106	S3°51'08"E	36.25'
L107	S86°08'52"W	15.00'
L108	S51°17'21"E	42.13'
L109	S83°33'35"E	56.25'
L110	N6°30'18"E	15.00'
L111	S83°33'35"E	60.57'
L112	S51°17'21"E	46.47'
L113	S38°42'39"W	15.00'
L114	S87°34'13"E	57.43'
L115	S49°09'06"E	58.57'
L116	N40°50'51"E	15.00'
L117	S49°09'06"E	53.34'
L118	S87°34'13"E	52.20'
L119	S2°25'53"W	15.00'
L120	S49°09'06"E	50.02'
L121	S33°28'58"E	149.16'
L122	S10°46'44"W	50.00'
L123	S79°13'16"E	15.00'
L124	S10°46'44"W	43.90'
L125	S33°28'58"E	141.00'
L126	S49°09'06"E	47.95'
L127	S40°50'53"W	15.00'



LEGEND

- 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-25 VERIFIED OR RESET THIS AMENDED SURVEY (KLEIN & ASSOC. PLS 59002)
- ⊗ 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-25 VERIFIED OR RESET THIS AMENDED SURVEY (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
- 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

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

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



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

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

REGISTERED PROFESSIONAL LAND SURVEYOR
 [Signature]
 OREGON
 JULY 12, 2005
 JAMES M. KLEIN
 59002
 Expires 6-30-2015

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 05
 TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
 DOUGLAS COUNTY OREGON

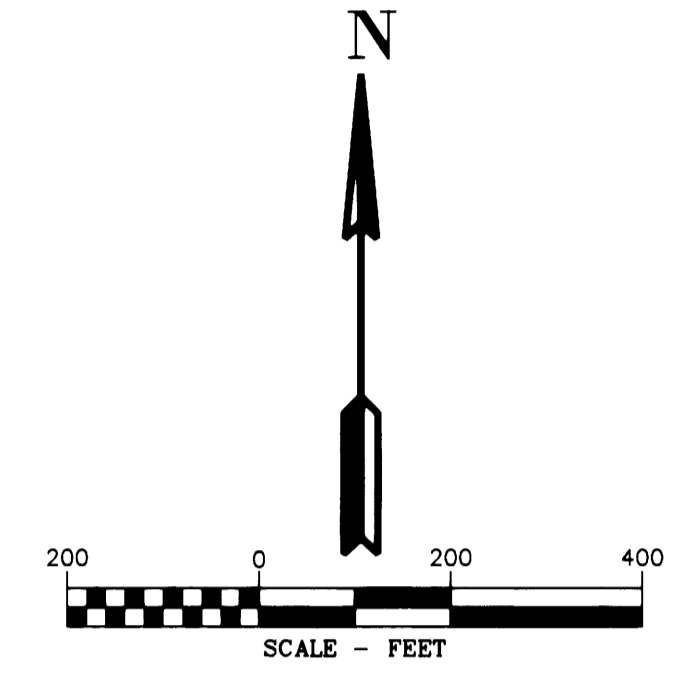
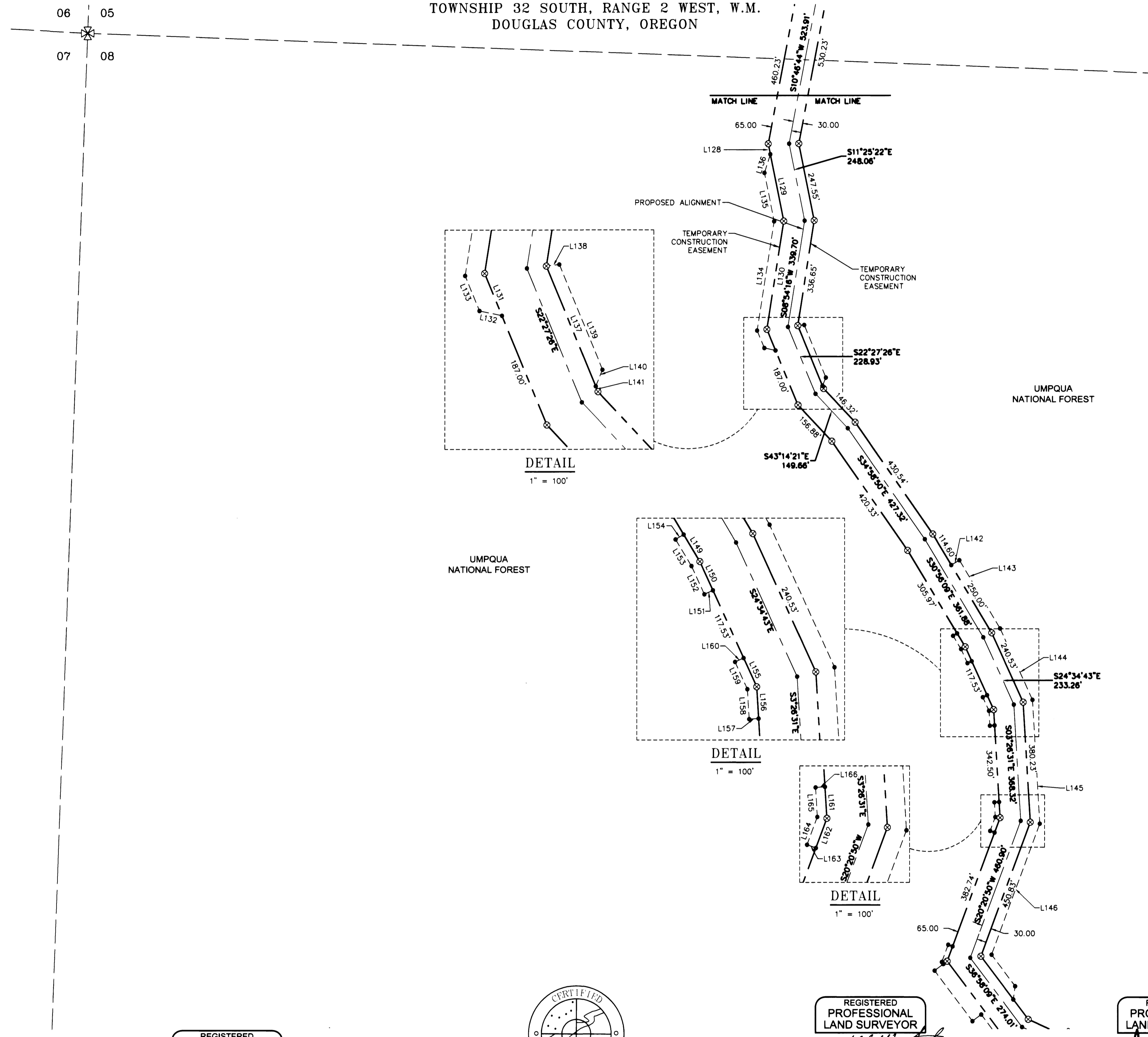
Pacific Connector GAS PIPELINE

DRAWN BY: LJS	DATE: 04-09-2015	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 3 OF 8

AMENDED RECORD OF SURVEY

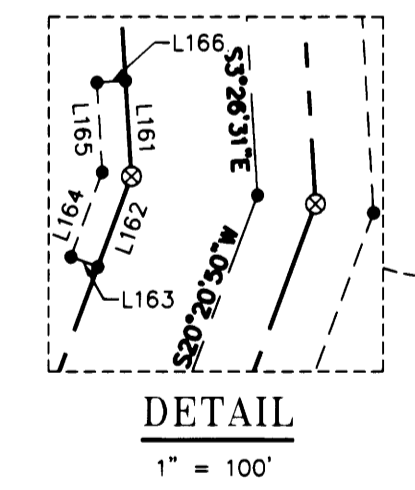
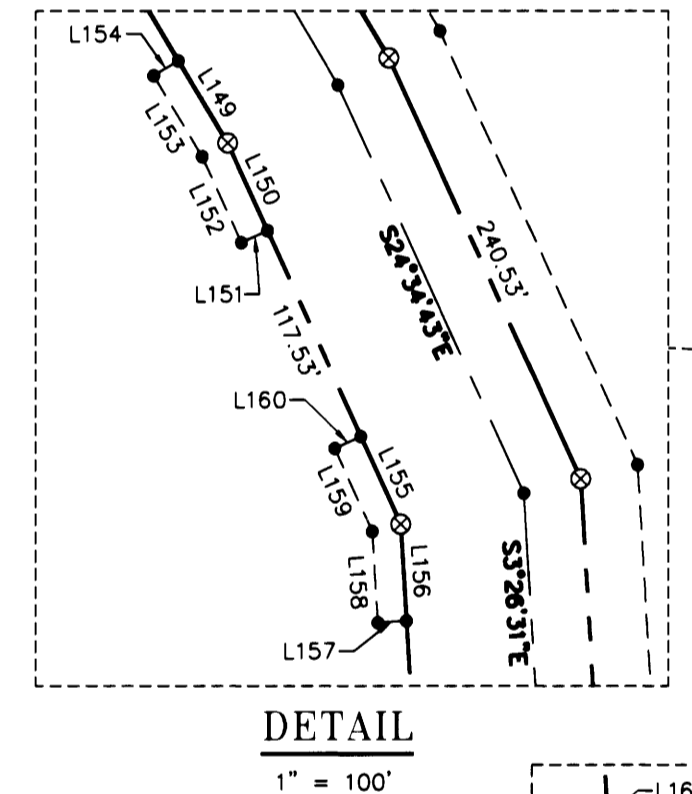
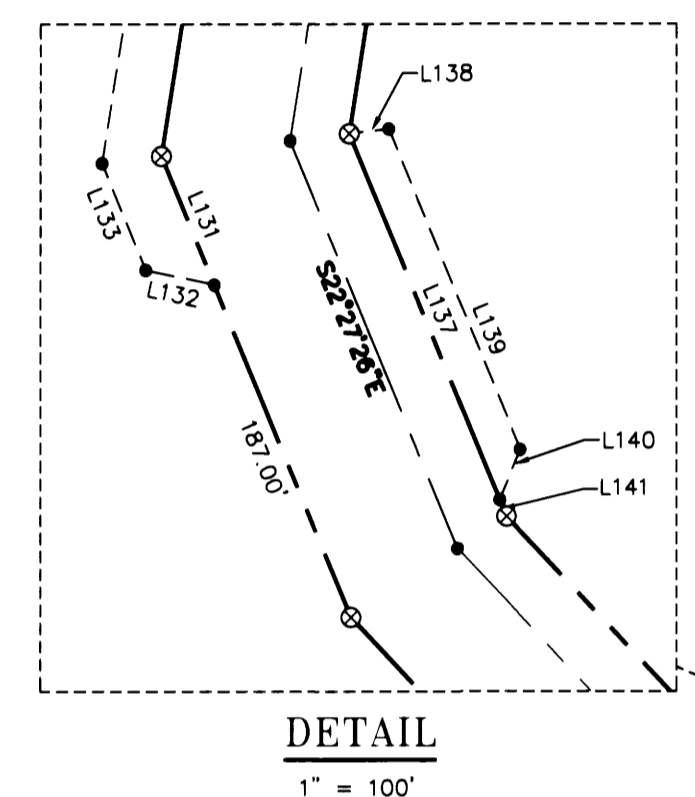
(SURVEY M166-25)
 LOCATED IN
 THE NW 1/4, THE NE 1/4 AND THE SE 1/4 OF SECTION 8
 TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
 DOUGLAS COUNTY, OREGON

FILED
 Date: 7-13-2015 By: [Signature]
 This survey consists of:
 Map: M166-25 A-U
 Natural: [Blank]
 Corner: [Blank]
 DOUGLAS COUNTY
 SURVEYOR



LINE TABLE

Line #	Direction	Length
L128	S11°25'22"E	33.77'
L129	S11°25'22"E	215.39'
L130	S8°54'16"W	346.29'
L131	S22°27'26"E	72.10'
L132	S77°57'29"E	36.40'
L133	S22°27'26"E	59.91'
L134	S8°54'16"W	349.34'
L135	S11°25'22"E	155.93'
L136	S17°35'45"W	61.84'
L137	S22°27'26"E	205.64'
L138	N83°13'25"E	20.77'
L139	S22°27'26"E	179.87'
L140	S22°19'39"W	28.39'
L141	S22°27'26"E	9.38'
L142	N59°03'51"E	30.00'
L143	S30°56'09"E	251.67'
L144	S24°34'43"E	247.79'
L145	S3°26'31"E	392.15'
L146	S20°20'50"W	440.75'
L149	S30°56'09"E	50.00'
L150	S24°34'43"E	50.00'
L151	S65°25'21"W	15.00'
L152	N24°34'39"W	49.17'
L153	N30°56'09"W	49.17'
L154	N59°03'51"E	15.00'
L155	S24°34'43"E	50.00'
L156	S3°26'31"E	50.00'
L157	S86°33'27"W	15.00'
L158	N3°26'33"W	47.20'
L159	N24°34'39"W	47.20'
L160	N65°25'21"E	15.00'
L161	S3°26'31"E	50.00'
L162	S20°20'50"W	50.00'
L163	N69°39'10"W	15.00'
L164	N20°20'50"E	46.84'
L165	N3°26'33"W	46.84'
L166	N86°33'27"E	15.00'

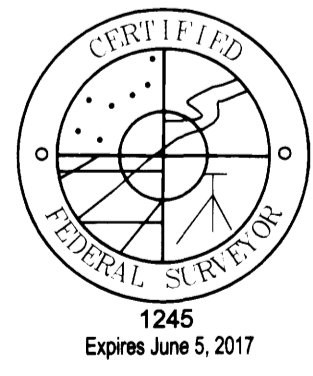


LEGEND

- 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-25 VERIFIED OR RESET THIS AMENDED SURVEY. (KLEIN & ASSOC. PLS 59002)
- ⊙ 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-25 VERIFIED OR RESET THIS AMENDED SURVEY. (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
- ①①①①①① POINT NUMBER
- {xxx.xx'} GROUND DISTANCE
- (xxx.xx') RECORD DISTANCE PER REFERENCED SURVEY
- R1 REFERENCED SURVEY
- PROPOSED ALIGNMENT
- - - - - TEMPORARY CONSTRUCTION EASEMENT
- - - - - TEMPORARY WORK AREA

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

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
 2340
 Expires 12-31-2015

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

REGISTERED PROFESSIONAL LAND SURVEYOR
 James M. Klein
 OREGON
 JULY 12, 2009
 JAMES M. KLEIN
 59002
 Expires 6-30-2015

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 08
 TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
 DOUGLAS COUNTY OREGON

Pacific Connector GAS PIPELINE

DRAWN BY: LJS	DATE: 40-09-2015	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 4 OF 8

AMENDED RECORD OF SURVEY

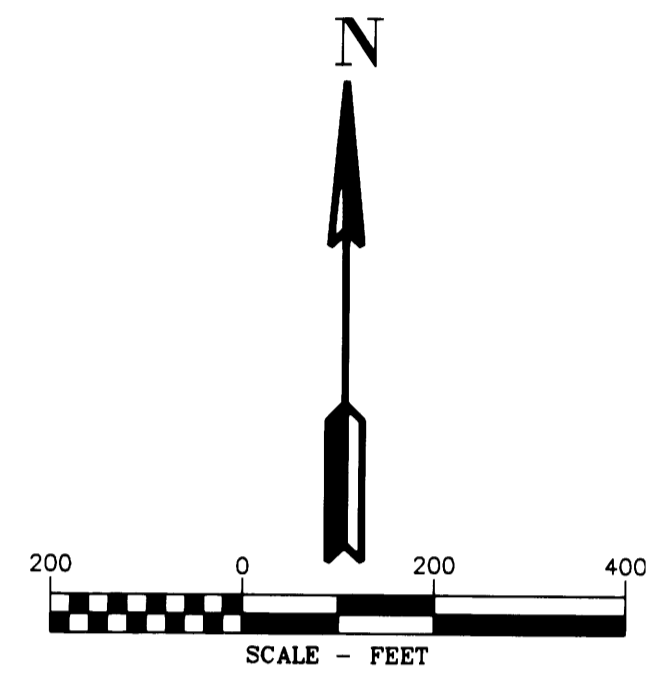
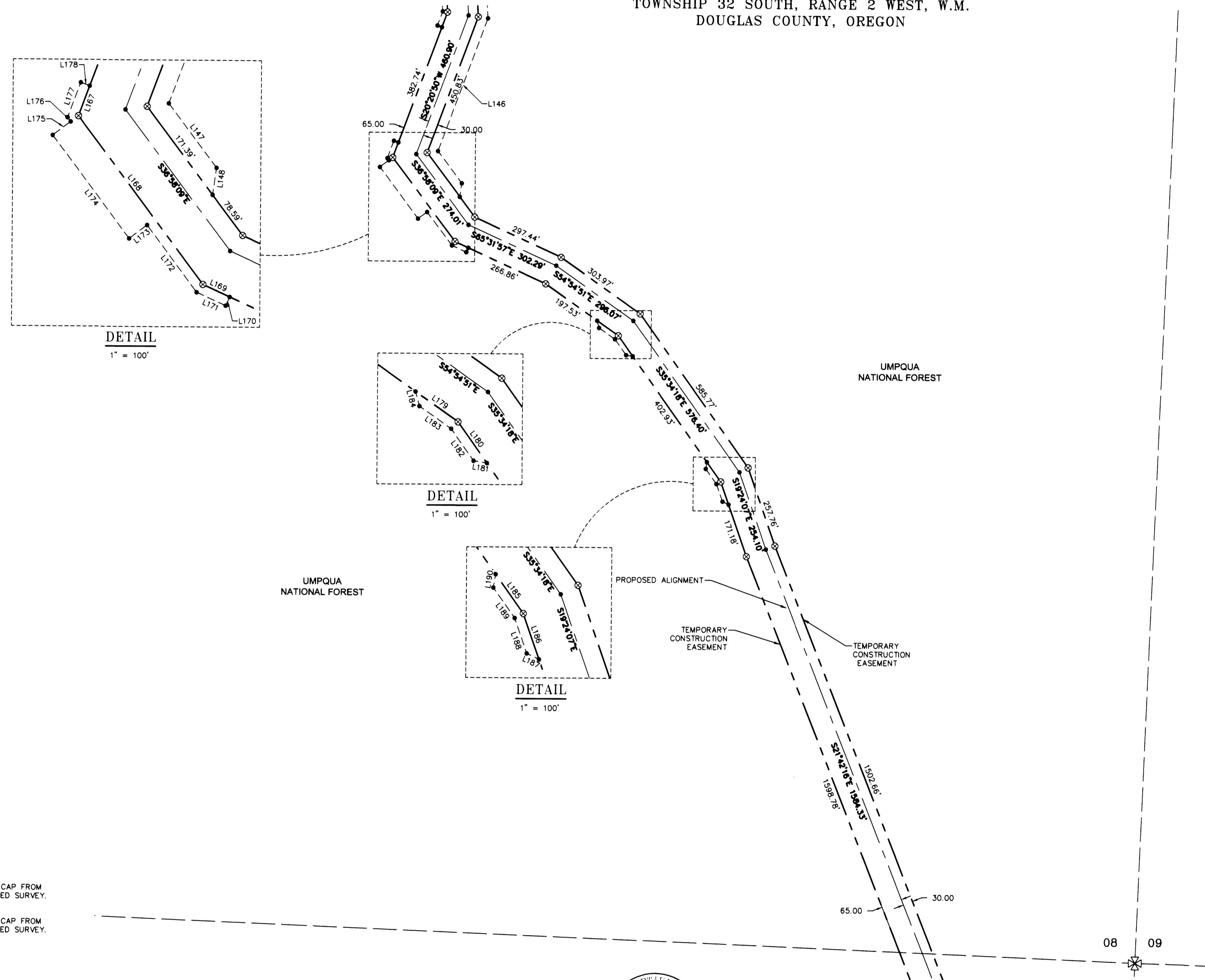
(SURVEY M166-25)

LOCATED IN

THE NW 1/4, THE NE 1/4 AND THE SE 1/4 OF SECTION 8
TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY, OREGON

FILED
Date: 7-13-2015 By: JK
This survey consists of:
Map: M166-35A-H
Narrative:
Corner: npt:

DOUGLAS COUNTY
SURVEYOR



LINE TABLE

Line #	Direction	Length
L146	S20°20'50"W	440.75'
L147	S36°58'09"E	124.99'
L148	S8°01'51"W	42.43'
L167	S20°20'50"W	50.00'
L168	S36°58'09"E	326.08'
L169	S65°31'57"E	45.93'
L170	S24°27'10"W	15.00'
L171	N65°31'57"W	49.76'
L172	N36°58'09"W	129.90'
L173	S53°01'51"W	35.00'
L174	N36°58'09"W	200.00'
L175	N53°01'51"E	35.00'
L176	N36°58'09"W	8.20'
L177	N20°20'50"E	58.20'
L178	S69°39'10"E	15.00'
L179	S54°54'51"E	81.42'
L180	S35°34'18"E	78.16'
L181	S80°34'17"E	21.21'
L182	S35°34'18"E	60.60'
L183	S54°54'51"E	60.76'
L184	S15°16'18"E	23.51'
L185	S35°34'18"E	75.00'
L186	S19°24'07"E	75.00'
L187	S64°24'08"E	21.21'
L188	S19°24'07"E	57.87'
L189	S35°34'18"E	57.87'
L190	S9°25'43"W	21.21'

LEGEND

- 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-25 VERIFIED OR RESET THIS AMENDED SURVEY. (KLEIN & ASSOC. PLS 59002)
- ⊗ 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-25 VERIFIED OR RESET THIS AMENDED SURVEY. (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
- POINT NUMBER
- {XXX.XX'} GROUND DISTANCE
- {XXX.XX'} RECORD DISTANCE PER REFERENCED SURVEY
- R1 REFERENCED SURVEY
- PROPOSED ALIGNMENT
- - - - - TEMPORARY CONSTRUCTION EASEMENT
- - - - - TEMPORARY WORK AREA

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

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

CERTIFIED
FEDERAL SURVEYOR
1245
Expires June 5, 2017

REGISTERED
PROFESSIONAL
LAND SURVEYOR
Michael W. Erickson
OREGON
JULY 29, 1988
MICHAEL W. ERICKSON
2340
Expires 6-30-2015

REGISTERED
PROFESSIONAL
LAND SURVEYOR
James M. Klein
OREGON
JULY 12, 2008
JAMES M. KLEIN
59002
Expires 6-30-2015

**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 08
TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY OREGON

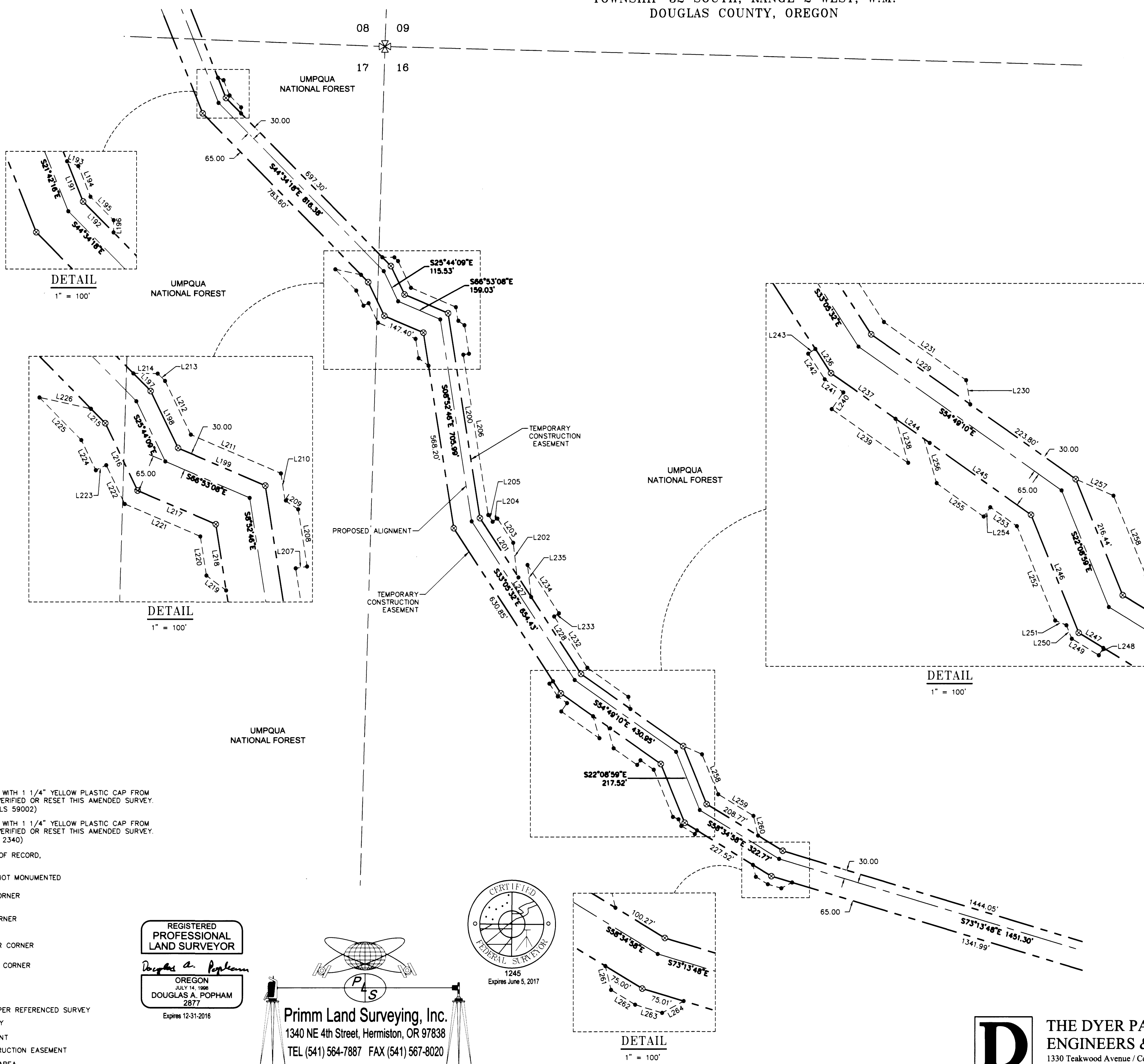
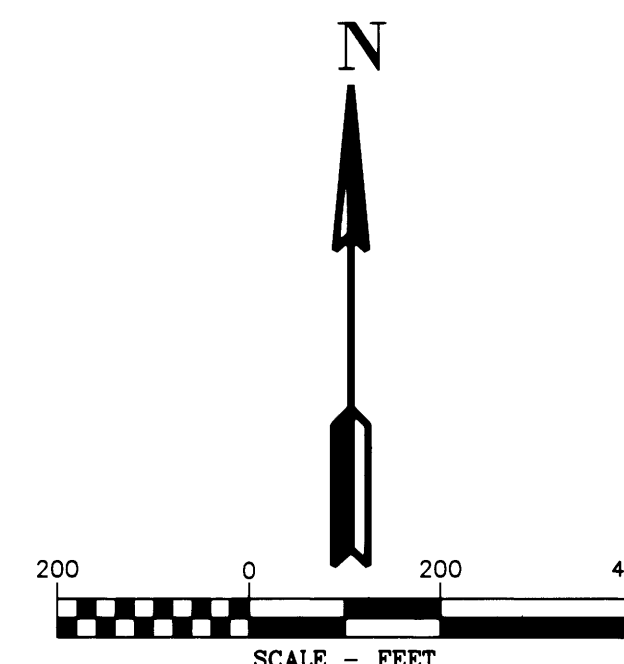
Pacific Connector
GAS PIPELINE

DRAWN BY: LIS	DATE: 04-09-2015	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 5 OF 8

AMENDED RECORD OF SURVEY

(SURVEY M166-25)
 LOCATED IN
 THE NE 1/4 OF SECTION 17
 AND
 THE NW 1/4, THE SW 1/4 AND THE SE 1/4 OF SECTION 16
 TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
 DOUGLAS COUNTY, OREGON

FILED
 Date: 7-13-2015 By: JC
 This survey consists of:
 Map: M166-35 A-H
 No. 166-25
 Cont. Right
DOUGLAS COUNTY
 SURVEYOR



LINE TABLE

Line #	Direction	Length	Line #	Direction	Length
L191	S21°42'16"E	75.00'	L226	N77°42'08"W	91.48'
L192	S44°34'18"E	75.00'	L227	S33°05'32"E	90.96'
L193	S66°42'16"E	21.21'	L228	S33°05'32"E	316.93'
L194	S21°42'16"E	56.97'	L229	S54°49'10"E	210.18'
L195	S44°34'18"E	56.97'	L230	S9°51'04"E	42.45'
L196	S0°25'42"W	21.21'	L231	S54°49'10"E	174.39'
L197	S44°34'18"E	42.99'	L232	S33°05'32"E	211.17'
L198	S25°44'09"E	109.24'	L233	S56°54'25"W	20.00'
L199	S66°53'08"E	164.41'	L234	S33°05'32"E	200.00'
L200	N8°52'46"W	716.19'	L235	N6°31'41"W	111.81'
L201	N33°05'32"W	234.34'	L236	S33°05'32"E	50.00'
L202	S6°31'41"E	111.81'	L237	S54°49'10"E	136.67'
L203	S33°05'32"E	100.00'	L238	N15°54'37"W	79.61'
L204	N56°54'28"E	20.00'	L239	S54°49'10"E	161.95'
L205	S33°05'32"E	27.90'	L240	S35°10'50"W	35.00'
L206	S8°52'46"E	560.53'	L241	S54°49'10"E	39.55'
L207	S81°07'14"W	20.00'	L242	S33°05'32"E	52.88'
L208	S8°52'46"E	100.00'	L243	S56°54'28"W	15.00'
L209	S56°16'14"E	27.17'	L244	S54°49'10"E	60.40'
L210	S8°52'45"E	47.46'	L245	S54°49'10"E	227.30'
L211	S66°53'08"E	169.78'	L246	S22°08'59"E	219.87'
L212	S25°44'09"E	102.96'	L247	S58°34'58"E	50.00'
L213	S44°34'18"E	17.96'	L248	S31°25'02"W	15.00'
L214	S89°34'18"E	42.43'	L249	N58°34'58"W	54.94'
L215	S44°34'18"E	35.15'	L250	S22°08'58"E	24.95'
L216	S25°44'09"E	129.14'	L251	S67°09'00"E	21.21'
L217	S66°53'08"E	147.40'	L252	S22°08'59"E	176.06'
L218	S8°52'46"E	115.70'	L253	S54°49'10"E	56.56'
L219	S53°11'05"E	42.95'	L254	N35°10'50"E	20.00'
L220	S8°52'46"E	68.33'	L255	S54°49'10"E	100.00'
L221	S66°53'08"E	142.03'	L256	S15°54'37"E	79.61'
L222	S25°44'09"E	74.32'	L257	S66°29'50"E	71.53'
L223	N64°15'51"E	20.00'	L258	S22°08'59"E	148.84'
L224	S25°44'09"E	57.79'	L259	S58°34'58"E	143.14'
L225	S44°34'18"E	103.47'	L260	S13°06'16"E	70.13'
L226	N77°42'08"W	91.48'	L261	S13°34'58"E	42.43'
			L262	S58°34'58"E	48.86'
			L263	S73°14'03"E	48.86'
			L264	N61°46'19"E	42.43'

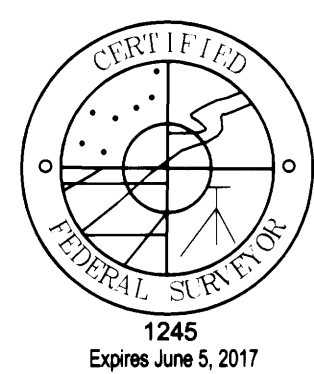
REGISTERED PROFESSIONAL LAND SURVEYOR
 James M. Klein
 JULY 12, 2005
 JAMES M. KLEIN
 59002
 Expires 6-30-2015

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

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

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

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



D **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
 SECTION 17 & 16
 TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
 DOUGLAS COUNTY OREGON

Pacific Connector GAS PIPELINE

DRAWN BY: LJS	DATE: 04-09-2015	ISSUED FOR BID:	SCALE: 1" = 200'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 6 OF 8

- LEGEND**
- 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-25 VERIFIED OR RESET THIS AMENDED SURVEY. (KLEIN & ASSOC. PLS 59002)
 - ⊗ 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-25 VERIFIED OR RESET THIS AMENDED SURVEY. (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
 - (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

AMENDED RECORD OF SURVEY

(SURVEY M166-25)
LOCATED IN
THE NE 1/4 OF SECTION 21
AND
THE NW 1/4 OF SECTION 22
TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY, OREGON

CORNER NOTES:

(142739)

1/4 CORNER SECTIONS 21/22
FOUND 3" BRASS CAP
STAMPED OLS 536, 1968
AND CS 1988
BY REFERENCES:
1) FOUND 15" CEDAR WITH HEALED FACE
AND TAG DATED 10/13
S 23° E - 9.0' TO NAIL SIDE CENTER
2) FOUND 2" FIR WITH HEALED FACE
AND TAG DATED 10/13
N 76° W - 46.4' TO NAIL SIDE CENTER

(142745)

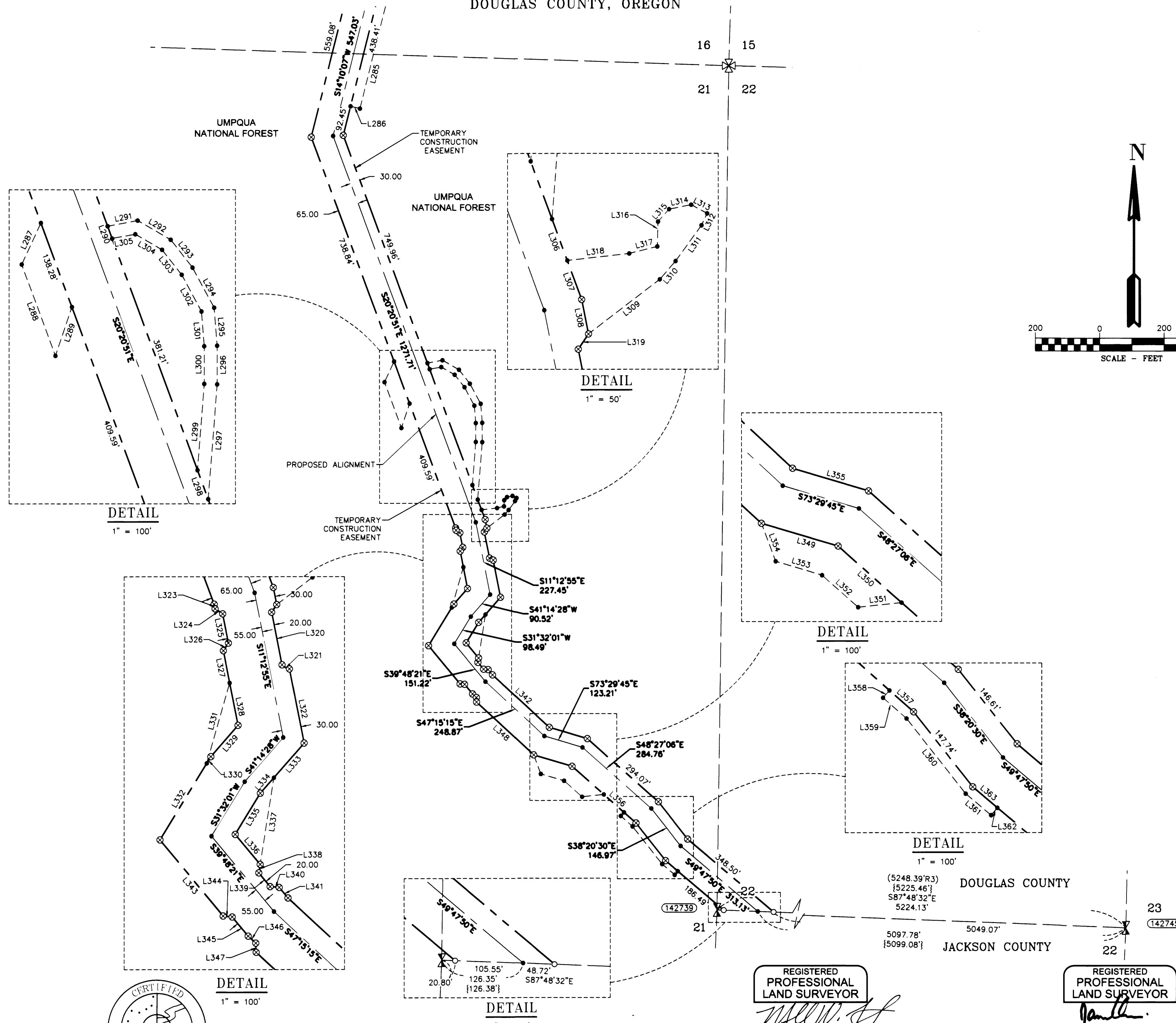
1/4 CORNER SECTIONS 22/23
FOUND 2-1/2" BRASS CAP
STAMPED CS 1986
BY REFERENCES:
1) 12.5" FIR WITH HEALED FACE
AND TAG DATED 8/86
N 76° E - 28.4' TO NAIL SIDE CENTER
2) 28" FIR 50" TALL SNAG WITH HEALED FACE
S 45° E - 7.5' NO TAG FOUND OR SET
3) 19.5" FIR 30" TALL SNAG WITH VISIBLE SCRIBE
AND TAG DATED 8/86
S 10° W - 9.9'
4) SET NEW BEARING TREE
10" FIR (MARKED 1/4 S22 BT)
SET TAG DATED 8/14
S 55° W - 11.95' TO NAIL SIDE CENTER

REFERENCE SURVEYS:

- 1) ORIGINAL GLO NOTES, SOUTH LINE OF TOWNSHIP 31 SOUTH, RANGE 2 WEST - SEPT. 26, 1908
- 2) ORIGINAL GLO PLAT, TOWNSHIP 32 SOUTH, RANGE 2 WEST - DEC. 11, 1903
- 3) COUNTY SURVEY NO. M166-25

LEGEND

- 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-25 VERIFIED OR RESET THIS AMENDED SURVEY. (KLEIN & ASSOC. PLS 59002)
- ⊙ 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP FROM SURVEY M166-25 VERIFIED OR RESET THIS AMENDED SURVEY. (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
- ①①①①①① POINT NUMBER
- {XXX.XX'} GROUND DISTANCE
- {XXX.XX'} RECORD DISTANCE PER REFERENCED SURVEY
- R1 REFERENCED SURVEY
- PROPOSED ALIGNMENT
- - - - - TEMPORARY CONSTRUCTION EASEMENT
- - - - - TEMPORARY WORK AREA

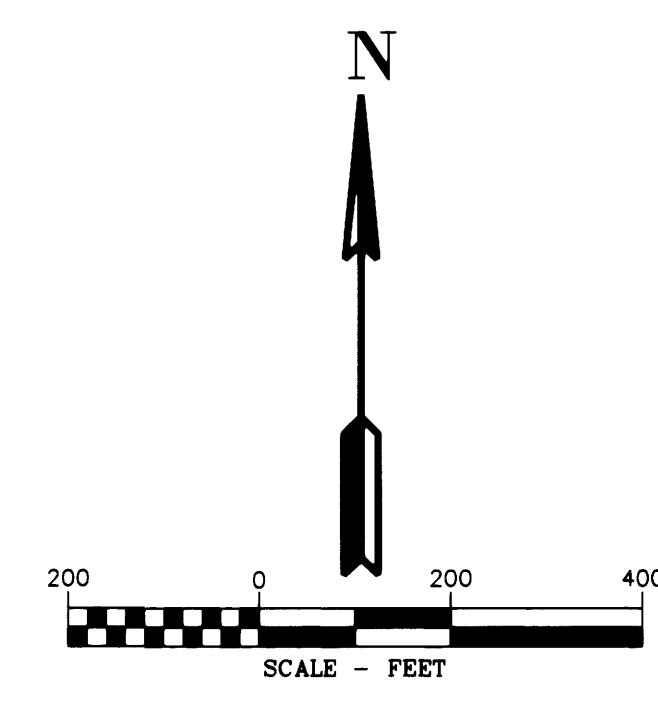


LINE TABLE

Line #	Direction	Length
L285	S14°10'07"W	438.41'
L286	N75°52'01"W	30.00'
L287	S24°58'16"W	70.30'
L288	S20°20'55"E	150.44'
L289	N18°42'49"E	79.32'
L290	N20°20'51"W	20.00'
L291	N79°27'37"E	47.54'
L292	S60°06'08"E	59.06'
L293	S38°13'32"E	54.71'
L294	S28°25'12"E	70.41'
L295	S4°32'58"E	58.74'
L296	S0°05'20"E	59.78'
L297	S4°31'59"W	177.31'
L298	N20°20'51"W	47.54'
L299	N4°31'59"E	133.38'
L300	N0°05'20"W	58.20'
L301	N4°32'58"W	53.74'
L302	N28°25'12"W	64.47'
L303	N38°13'32"W	49.13'
L304	N60°06'08"W	47.83'
L305	S79°54'54"W	36.77'
L306	S20°20'51"E	33.93'
L307	S20°20'51"E	32.16'
L308	S11°09'52"E	27.05'
L309	S52°41'57"W	69.46'
L310	S41°02'43"W	18.73'
L311	S36°12'03"W	33.95'
L312	S25°42'48"W	10.16'
L313	S61°28'55"E	14.09'
L314	N78°35'59"E	17.53'
L315	N42°02'20"E	12.85'
L316	N1°36'38"E	19.05'
L317	N76°06'38"E	22.40'
L318	N83°36'40"E	48.30'
L319	S33°45'35"W	14.15'
L320	S11°12'55"E	82.99'
L321	S56°12'33"E	14.14'
L322	S11°12'55"E	114.57'
L323	N11°12'55"W	7.14'
L324	N56°12'33"W	14.14'
L325	N11°12'55"W	45.86'
L326	N33°47'27"E	14.14'
L327	S11°12'55"E	50.36'
L328	S11°12'55"E	66.88'
L329	S41°14'28"W	64.01'
L330	S31°32'01"W	12.12'
L331	N15°58'52"E	129.05'
L332	S31°32'01"W	138.55'
L333	S41°14'28"W	70.87'
L334	S41°14'28"W	31.88'
L335	S31°32'01"W	74.41'
L336	S39°48'21"E	60.31'
L337	N9°03'36"E	135.42'
L338	S9°03'36"E	13.28'
L339	S39°48'21"E	27.45'

FILED
Date: 7-13-2015 By: JC
This survey consists of:
Map: M166-25 A-H
Corner Rpt: _____
DOUGLAS COUNTY
SURVEYOR

Line #	Direction	Length
L340	S84°48'20"E	14.14'
L341	S39°48'21"E	21.23'
L342	S47°15'15"E	239.93'
L343	N39°48'21"W	152.82'
L344	N84°48'20"W	14.14'
L345	N39°48'21"W	38.64'
L346	N47°15'15"W	16.07'
L347	N2°15'15"W	14.14'
L348	N47°15'15"W	241.53'
L349	N73°29'45"W	123.92'
L350	S48°27'06"E	131.45'
L351	N83°57'48"E	67.73'
L352	S48°27'06"E	74.67'
L353	S73°29'45"E	75.04'
L354	S20°34'04"E	62.67'
L355	S73°29'45"E	122.88'
L356	N48°27'06"W	83.29'
L357	S48°27'06"E	49.82'
L358	S41°32'54"W	15.00'
L359	S48°27'06"E	48.50'
L360	S38°20'30"E	147.92'
L361	N49°47'50"W	51.51'
L362	N40°09'49"E	15.00'
L363	S49°47'50"E	50.00'



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

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

CERTIFIED FEDERAL SURVEYOR
1245
Expires June 5, 2017

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

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

REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON JULY 12, 2009
JAMES M. KLEIN 59002
Expires 6-30-2015

Klein & Associates, Inc.
ENGINEERING • SURVEYING • PLANNING
1411 12th 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
SECTIONS 21 AND 22
TOWNSHIP 32 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY OREGON

DRAWN BY: LJS DATE: 04-08-2015 ISSUED FOR BID: SCALE: 1" = 200'
CHECKED BY: DATE: ISSUED FOR CONSTRUCTION:
APPROVED BY: DATE: DRAWING NUMBER: SHEET 8 OF 8