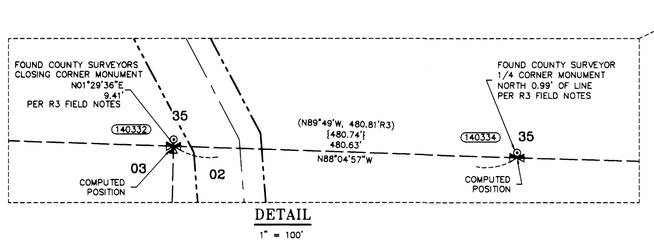
MAP FILE M166-40 A

RECORD OF SURVEY

LOCATED IN
TOWNSHIP 31 SOUTH, RANGE 3 WEST, W.M.
TOWNSHIP 31 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY, OREGON

FILED
Date: 8-17-2016 By: JC
This survey consists of:
Map: M166-40 A-I
Name:
Corner:
DOUGLAS COUNTY SURVEYOR



DETAIL
1" = 100'

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

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.

REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON
JULY 14, 1986
DOUGLAS A. POPHAM
2877
Expires 12-31-2016

CERTIFIED FEDERAL SURVEYOR
1245
Expires June 5, 2017

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.

REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON
JULY 13, 2005
JAMES M. KLEIN
59002
Expires 6-30-2017

JAMES M. KLEIN PLS. 59002

SURVEYOR'S CERTIFICATE

I, KEITH P. PRIMM 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.

REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON
JULY 12, 2005
KEITH P. PRIMM
48490
Expires 12-31-2016

KEITH P. PRIMM PLS. 48490

SURVEYOR'S CERTIFICATE

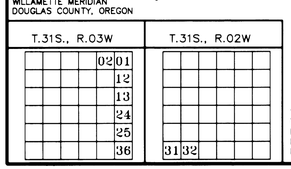
I, MICHAEL W. ERICKSON BEING DULY SWORN AS A PROFESSIONAL LAND SURVEYOR IN THE STATE OF OREGON DO HEREBY CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY CONDUCTED UNDER MY DIRECT SUPERVISION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING LAW, AS ESTABLISHED BY ORS CHAPTER 209, AND HAVE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

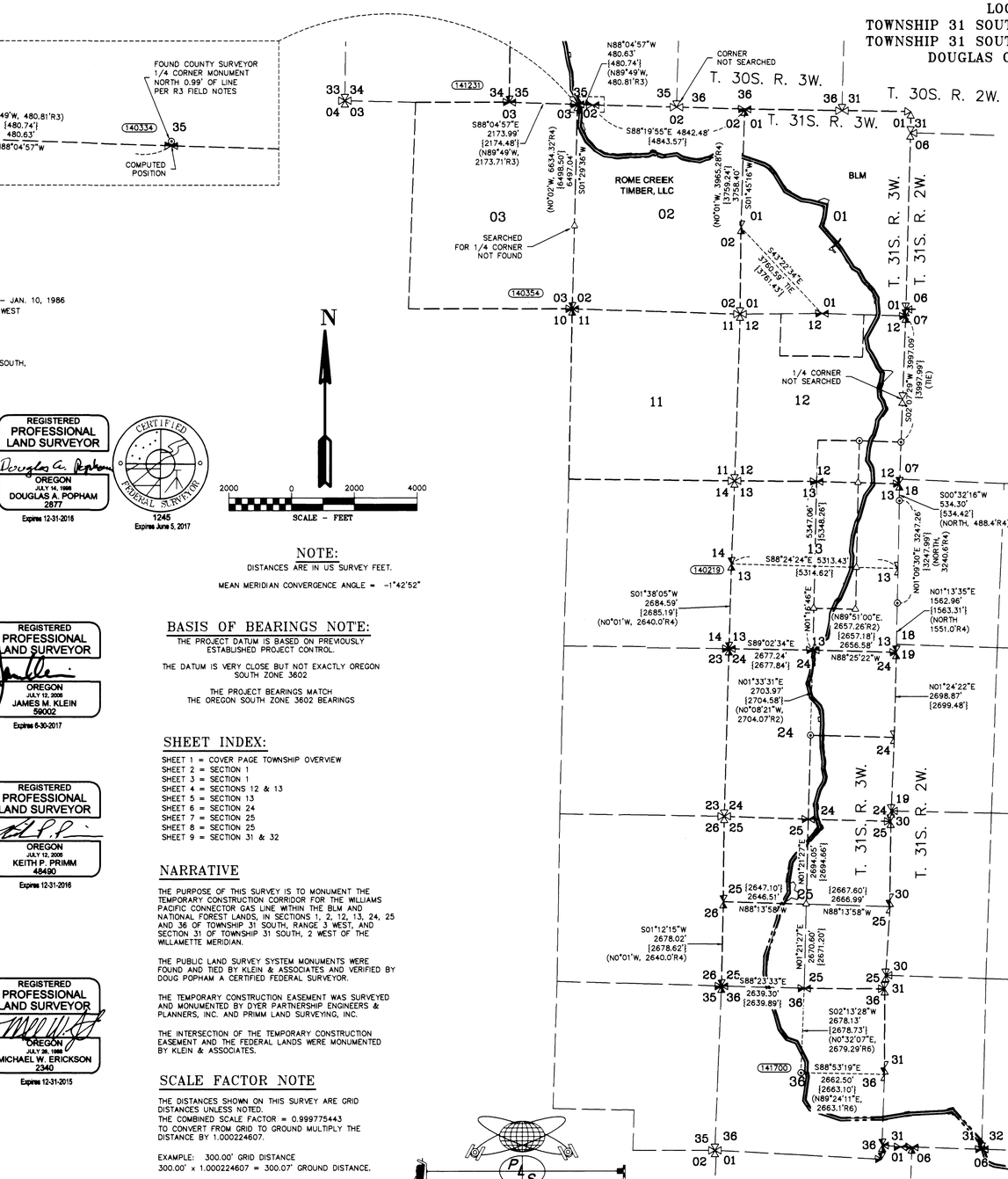
REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON
JULY 30, 1988
MICHAEL W. ERICKSON
2340
Expires 12-31-2015

MICHAEL W. ERICKSON PLS. 2340

WILLAMETTE MERIDIAN
DOUGLAS COUNTY, OREGON



SURVEY PERFORMED FOR:
WILLIAMS PACIFIC CONNECTOR
DATE: JUNE 7, 2015
PROJECT: 14-02-05 DRAFT: GD, LS
FILE: RS-31S-03W.DWG



NOTE:

DISTANCES ARE IN US SURVEY FEET.

MEAN MERIDIAN CONVERGENCE ANGLE = -1°42'52"

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

SHEET INDEX:

SHEET 1 = COVER PAGE TOWNSHIP OVERVIEW
SHEET 2 = SECTION 1
SHEET 3 = SECTION 1
SHEET 4 = SECTIONS 12 & 13
SHEET 5 = SECTION 13
SHEET 6 = SECTION 24
SHEET 7 = SECTION 25
SHEET 8 = SECTION 25
SHEET 9 = SECTION 31 & 32

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO MONUMENT THE TEMPORARY CONSTRUCTION CORRIDOR FOR THE WILLIAMS PACIFIC CONNECTOR GAS LINE WITHIN THE BLM AND NATIONAL FOREST LANDS, IN SECTIONS 1, 2, 12, 13, 24, 25 AND 36 OF TOWNSHIP 31 SOUTH, RANGE 3 WEST, AND SECTION 31 OF TOWNSHIP 31 SOUTH, 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 DYER PARTNERSHIP ENGINEERS & PLANNERS, INC. AND PRIMM LAND SURVEYING, INC.

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 = 0.999775443
TO CONVERT FROM GRID TO GROUND MULTIPLY THE DISTANCE BY 1.000224607.

EXAMPLE: 300.00' GRID DISTANCE
300.00' x 1.000224607 = 300.07' GROUND DISTANCE.

CORNER NOTES:

(141231)
SOUTHWEST CORNER SECTION 35-T30S-R3W.
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1965
FOUND 2-1/2" BRASS CAP
WITH TAG DATED 12/65
S 36° E - 18.0'
2) FOUND 36.5" FIR WITH HEALED "X"
SET TAG DATED 4/14
S 55° W - 27.4' TO NAIL SIDE CENTER
3) FOUND 20" MADRONE
WITH TAG DATED 12/65
N 75° W - 10.5'
BT REFERENCES:
1) FOUND 27" MADRONE

(140332)
CLOSING CORNER SECTIONS 2 AND 3
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1965
BT REFERENCES:
1) FOUND 51" D. FIR WITH HEALED FACE
AND TAG DATED 7/57
N 18° E - 28.4'
(BEARING CORRECTED FROM M166-16)
2) FOUND 22" GRAND FIR WITH HEALED FACE
AND TAG DATED 1959
S 47-1/2° E - 24.6'
3) FOUND 33.5" LAUREL WITH HEALED FACE
AND TAG DATED 7/57
S 28-3/4° W - 16.0'
4) FOUND 9" W. FIR WITH HEALED FACE
AND TAG DATED 1959
S 73° W - 13.0' TO NAIL SIDE CENTER

(140219)
1/4 CORNER SECTIONS 13 AND 14
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1965
IRON PIPE SET IN BASE OF ORIGINAL TREE
TAG ON TREE DATED 1959.
BT REFERENCES ARE TO REFERENCE MONUMENT:
1) FOUND 17" FIR ORIGINAL BT WITH HEALED FACE
AND TAG DATED 11/41
N 56° E - 15.8'
2) FOUND 19" FIR WITH HEALED FACE
AND BLM TAG DATED 1959
S 74° E - 24.0'
3) FOUND REMAINS OF ORIGINAL BEARING TREE
NOW A STUMP
S 86° W - 8.6'
4) FOUND 22" FIR WITH HEALED FACE
AND TAG DATED 12/65
S 72° W - 37.6'

(140334)
SOUTH 1/4 CORNER SECTION 35-T30S-R3W.
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1965
RESET 1983
BT REFERENCES:
1) FOUND 19.5" HEMLOCK WITH HEALED FACE
AND TAG DATED 7/83
N 56-1/2° E - 24.7'
2) FOUND 19.5" D. FIR WITH HEALED FACE
SET TAG DATED 10/13
S 23-1/2° W - 13.9'
3) FOUND 1.5" IRON PIPE
N 21° E - 1.2'

(140354)
SOUTHWEST CORNER SECTION 2
FOUND 2-1/2" BRASS CAP
STAMPED COUNTY SURVEYORS OFFICE 1964
BLM 1964
BT REFERENCES:
1) SET NEW BEARING TREE
30" HEMLOCK (MARKED - T31S R3W S2 BT)
SET TAG DATED 10/13
N 14° E - 41.25' TO NAIL SIDE CENTER
2) FOUND 17" FIR WITH HEALED FACE
AND BLM TAG 1964
S 65° E - 3.6'
3) FOUND 24" CEDAR WITH HEALED FACE
AND BLM TAG 1964
S 25° E - 25.6'
4) FOUND 19.5" FIR WITH HEALED FACE
RE-SET TAG DATED 13/1/13
S 84° W - 15.2' TO NAIL SIDE CENTER
5) FOUND 16.5" FIR WITH HEALED FACE
RE-SET TAG DATED 10/31/13
N 10° W - 33.0' TO NAIL SIDE CENTER

(141700)
CENTER 1/4 CORNER SECTION 36-T31S-R3W.
FOUND 5/8" REBAR NO CAP.
(SEE SURVEY NO. M111-67)
BT REFERENCES:
1) FOUND 14.5" FIR WITH HEALED FACE
AND TAG DATED 3/91
N 14-1/2° E - 6.9'
2) FOUND 44" D. FIR WITH HEALED FACE
AND TAG DATED 3/91
S 43-1/2° E - 15.2'
3) FOUND 14.5" FIR SNAG WITH HEALED FACE
AND TAG DATED 3/91
S 27° W - 29.5'
4) FOUND STUMP
WITH MEDFORD RESOURCES TAG
N 63° W - 16.8'

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

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
TOWNSHIP 31 SOUTH, RANGE 3 WEST, W.M.
TOWNSHIP 31 SOUTH, RANGE 2 WEST, W.M.
DOUGLAS COUNTY OREGON

Pacific Connector GAS PIPELINE

DRAWN BY: LJS	DATE: 05-06-2015	ISSUED FOR BID:	SCALE: 1" = 2000'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 1 OF 9

MAP FILE M166-40 A