MAP FILE M166-42A

RECORD OF SURVEY

LOCATED IN
SECTIONS 34 AND 35
TOWNSHIP 28 SOUTH, RANGE 5 WEST, WILLAMETTE MERIDIAN
AND
SECTION 2
TOWNSHIP 29 SOUTH, RANGE 5 WEST, WILLAMETTE MERIDIAN
DOUGLAS COUNTY, OREGON

FILED
Date: 9/11/15 By: JC
This survey consists of:
Map: M166-42A
Notes:
Corner Rpt:
DOUGLAS COUNTY
SURVEYOR

LEGEND

- ○ 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. PLS 59002)
- ⊗ 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 2340)
- ⊙ FOUND MONUMENT OF RECORD, SEE CORNER NOTES
- △ CORNER NOT SEARCHED
- • COMPUTED POINT, NOT MONUMENTED
- FOUND QUARTER CORNER SEE CORNER NOTES
- FOUND SECTION CORNER SEE CORNER NOTES
- QUARTER CORNER NOT SEARCHED SHOWN FOR REFERENCE ONLY
- SECTION CORNER NOT SEARCHED SHOWN FOR REFERENCE ONLY
- (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

600 0 600 1200
SCALE – FEET

N

BASIS OF BEARINGS NOTE:

THE PROJECT DATUM IS BASED ON PREVIOUSLY ESTABLISHED PROJECT CONTROL

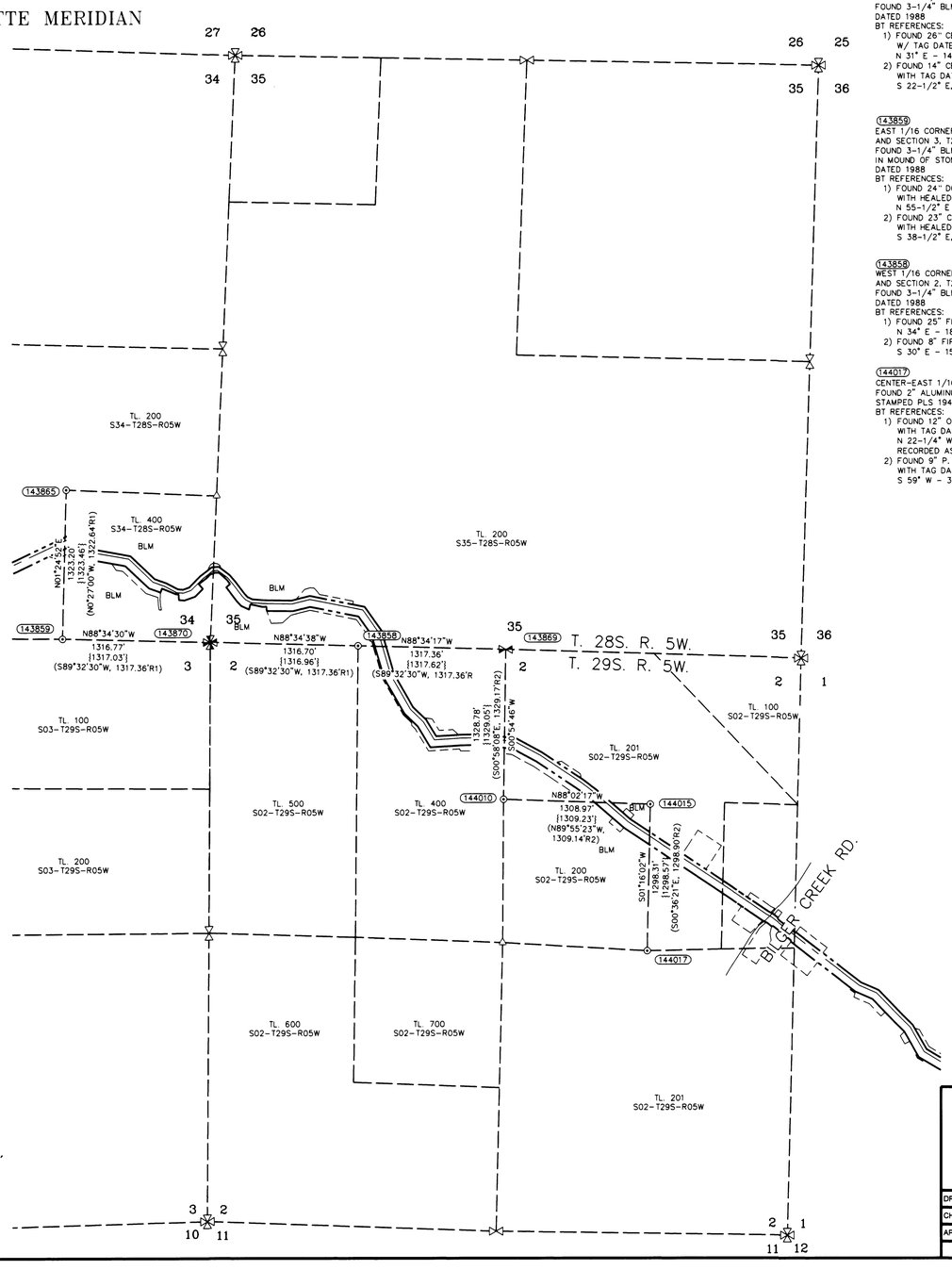
THE DATUM IS VERY CLOSE BUT NOT EXACTLY OREGON SOUTH ZONE 3602

THE PROJECT BEARINGS MATCH THE OREGON SOUTH ZONE 3602 BEARINGS.

NOTE:

DISTANCES ARE IN US SURVEY FEET.

MEAN MERIDIAN CONVERGENCE ANGLE = -1°53'20"



CORNER NOTES:

(143865)
SOUTHEAST 1/16 CORNER SECTION 34, T28S–R5W
FOUND 3–1/4" BLM BRASS CAP
DATED 1988
BT REFERENCES:
1) FOUND 26" CEDAR
W/ TAG DATED 8/08
N 31° E – 14.85'
2) FOUND 14" CEDAR
WITH TAG DATED 8/08
S 22–1/2° E, 25.74'

(143859)
EAST 1/16 CORNER SECTION 34, T28S–R5W
AND SECTION 3, T29S–R5W
FOUND 3–1/4" BLM BRASS CAP
IN MOUND OF STONES
DATED 1988
BT REFERENCES:
1) FOUND 24" DOUBLE CEDAR
WITH HEALED FACE
N 55–1/2° E – 119.46'
2) FOUND 23" CEDAR
WITH HEALED FACE
S 38–1/2° E, 60.06'

(143858)
WEST 1/16 CORNER SECTION 35, T28S–R5W
AND SECTION 2, T29S–R5W
FOUND 3–1/4" BLM BRASS CAP
DATED 1988
BT REFERENCES:
1) FOUND 25" FIR WITH HEALED FACE
N 34° E – 18.15'
2) FOUND 8" FIR WITH HEALED FACE
S 30° E – 15.51'

(144017)
CENTER–EAST 1/16 CORNER SECTION 2, T28S–R5W
FOUND 2" ALUMINUM CAP
STAMPED PLS 1941, DATED 2010
BT REFERENCES:
1) FOUND 12" OAK WITH VISIBLE SCRIBES
WITH TAG DATED 2010
N 22–1/4° W – 63.7' TO NAIL SIDE CENTER
RECORDED AS S 22–1/4° W
2) FOUND 9" P. PINE WITH VISIBLE SCRIBES
WITH TAG DATED 2010
S 59° W – 38.3' TO NAIL SIDE CENTER

(143869)
1/4 CORNER SECTION 35, T28S–R5W
AND SECTION 2, T29S–R5W
FOUND 3–1/4" BLM BRASS CAP
DATED 1988
BT REFERENCES:
1) FOUND 22" FIR WITH HEALED FACE
WITH TAG DATED 1988
S 40° E – 5.61' TO NAIL SIDE CENTER
2) FOUND 13" FIR WITH HEALED FACE
WITH TAG DATED 1988
N 60° W – 8.58' TO NAIL SIDE CENTER

(143870)
SOUTHEAST CORNER SECTION 34, T28S–R5W
FOUND 3–1/4" BLM BRASS CAP
DATED 1988
BT REFERENCES:
1) FOUND 33" CEDAR WITH HEALED FACE
N 55–1/4° E – 35.64'
2) FOUND 16" DEAD STANDING PINE
WITH VISIBLE SCRIBING
S 65–1/4° E – 97.68'
3) FOUND "X" CHISELED ON ROCK
S 58° W – 5.94'
4) FOUND 34" PINE WITH HEALED FACE
N 56–1/2° W 82.5'
5) FOUND IRON PIPE
S 14°25' W – 19.14'

(144010)
CENTER–NORTH 1/16 CORNER SECTION 2, T29S–R5W
FOUND 2" ALUMINUM CAP
STAMPED PLS 1941. DATED 2010
BT REFERENCES:
1) FOUND 12" FIR WITH HEALED FACE
WITH TAG DATED 2010
S 87–3/4° W – 35.7' TO NAIL SIDE CENTER
2) FOUND 11" FIR WITH HEALED FACE
WITH TAG DATED 2010
N 22–1/4° W – 32.7' TO NAIL SIDE CENTER

(144015)
NORTHEAST 1/16 CORNER SECTION 2, T29S–R5W
FOUND 2" ALUMINUM CAP
STAMPED PLS 1941, DATED 2010
BT REFERENCES:
1) FOUND 19" FIR WITH VISIBLE SCRIBING
WITH TAG DATED 2010
S 33° E – 21.3' TO NAIL SIDE CENTER
2) FOUND 13" MADRONE WITH VISIBLE SCRIBING
WITH TAG DATED 2010
S 78–1/2° W – 10.4' TO NAIL SIDE CENTER

AREAS

TEMPORARY CONSTRUCTION EASEMENT	7.82 ACRES
TEMPORARY WORK AREA	2.75 ACRES

REFERENCE SURVEYS:

1) BLM DEPENDENT RESURVEY
APPROVED JANUARY 9, 1992
2) RECORD OF SURVEY BY BTS SURVEYING
SURVEY M 157–37 DATED 2011

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

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

CERTIFIED FEDERAL SURVEYOR
1245
Expires June 5, 2017

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 PLS. 59002

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

SURVEYOR'S CERTIFICATE

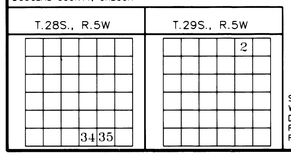
I, MICHAEL W. ERICKSON BEING DULY SWORN AS A PROFESSIONAL LAND SURVEYOR IN THE STATE OF OREGON DO HEREBY CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY CONDUCTED UNDER MY DIRECT SUPERVISION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING LAW, AS ESTABLISHED BY ORS CHAPTER 209, AND HAVE 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 PLS. 2340

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

WILLAMETTE MERIDIAN
DOUGLAS COUNTY, OREGON



SURVEY PERFORMED FOR:
WILLIAMS PACIFIC CONNECTOR
DATE OF MONUMENTATION: JUNE 8, 2015
PROJECT: 14–02–05 DRAFT: GD, LS
FILE: RS–28S–05W.DWG

SHEET INDEX:

SHEET 1 = COVER PAGE TOWNSHIP OVERVIEW
SHEET 2 = SECTIONS 34 & 35
SHEET 3 = SECTION 2

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 34 AND 35 OF TOWNSHIP 28 SOUTH, RANGE 5 WEST, AND SECTION 2 OF TOWNSHIP 29 SOUTH, 5 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 BOUNDARIES WERE 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. SEE LEGEND SHOWING THE MONUMENT SYMBOLS.

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

SCALE FACTOR NOTE

THE DISTANCES SHOWN ON THIS SURVEY ARE GRID DISTANCES UNLESS NOTED.
THE COMBINED SCALE FACTOR = 0.999800382
TO CONVERT FROM GRID TO GROUND MULTIPLY THE DISTANCE BY 1.000199658.

EXAMPLE: 300.00' GRID DISTANCE
300.00' x 1.000199658 = 300.06' GROUND DISTANCE.

Primm Land Surveying, Inc.
1340 NE 4th Street, Hermiston, OR 97838
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Klein & Associates, Inc.
ENGINEERING • SURVEYING • PLANNING
1411 13th Street • Hood River, OR 97031
TEL: 541-386-3322 • FAX: 541-386-2515

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

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
RECORD OF SURVEY
TOWNSHIP 28 SOUTH, RANGE 5 WEST, W.M.
TOWNSHIP 29 SOUTH, RANGE 5 WEST, W.M.
DOUGLAS COUNTY, OREGON

Pacific Connector GAS PIPELINE

DRAWN BY: GJD	DATE: 8-08-2015	ISSUED FOR BID:	SCALE: 1" = 600'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 1 OF 3

MAP FILE M166-42A