

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO MONUMENT AND AMEND FILED SURVEY MAP NO. M166-42 AND M171-73. THE PACIFIC CONNECTOR GAS PIPELINE TEMPORARY CONSTRUCTION EASEMENT WITHIN THE FEDERAL INTEREST LANDS.

THIS SURVEY IS LOCATED IN PORTIONS OF SECTIONS 2, 9 AND 10, TOWNSHIP 29 SOUTH, RANGE 5 WEST OF THE WILLAMETTE MERIDIAN.

THE PUBLIC LAND SURVEY SYSTEM MONUMENTS WERE FOUND AND TIED BY LEONIDES J. SANDOVAL FOR SECTIONS 9 AND 10, THE TEMPORARY CONSTRUCTION EASEMENT WAS SURVEYED BY MICHAEL W. ERICKSON. THE INTERSECTION OF THE FEDERAL LANDS WAS SURVEYED BY LEONIDES J. SANDOVAL.

FOR SECTION 2, REFER TO SHEET 5 AND 6 FOR SPECIFIC NARRATIVE.

REFERENCE SURVEYS:

- 1) RECORD OF SURVEY BY MARK SMALLEY SURVEY M 119-2 DATED 1993
2) RECORD OF SURVEY BY GEO. J. WENDEROTH SURVEY M5-38 DATED 1957
3) RECORD OF SURVEY RM 2-47 BY H.N. HOOVER DATED APRIL, 1973
4) COUNTY SURVEY M171-73 - DATED DECEMBER 3, 2019
5) COUNTY SURVEY M 157-37 BY KRISTIAN O. DEGROOT DATED FEBRUARY 4, 2011
6) BLM DEPENDENT RESURVEY APPROVED JANUARY 9, 1992
7) COUNTY SURVEY NO. M166-42 DATED SEPTEMBER 11, 2015

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.

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"

SHEET INDEX:

- SHEET 1 = COVER PAGE
SHEET 2 = OVERVIEW OF SECTIONS 9 AND 10
SHEET 3 = SECTION 9
SHEET 4 = SECTION 10
SHEET 5 = SECTION 2
SHEET 6 = SECTION 2

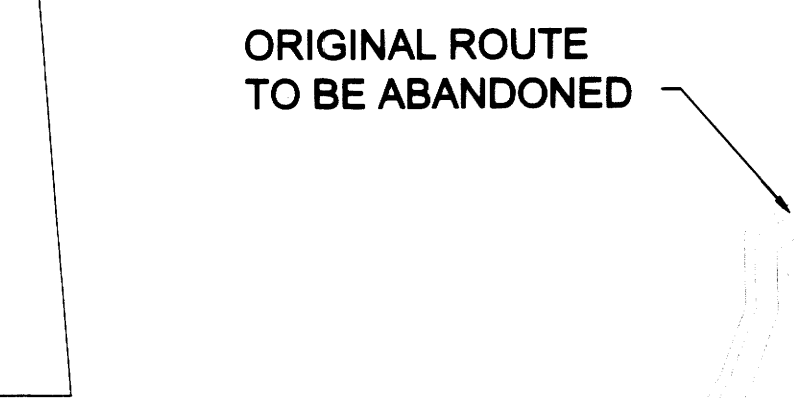
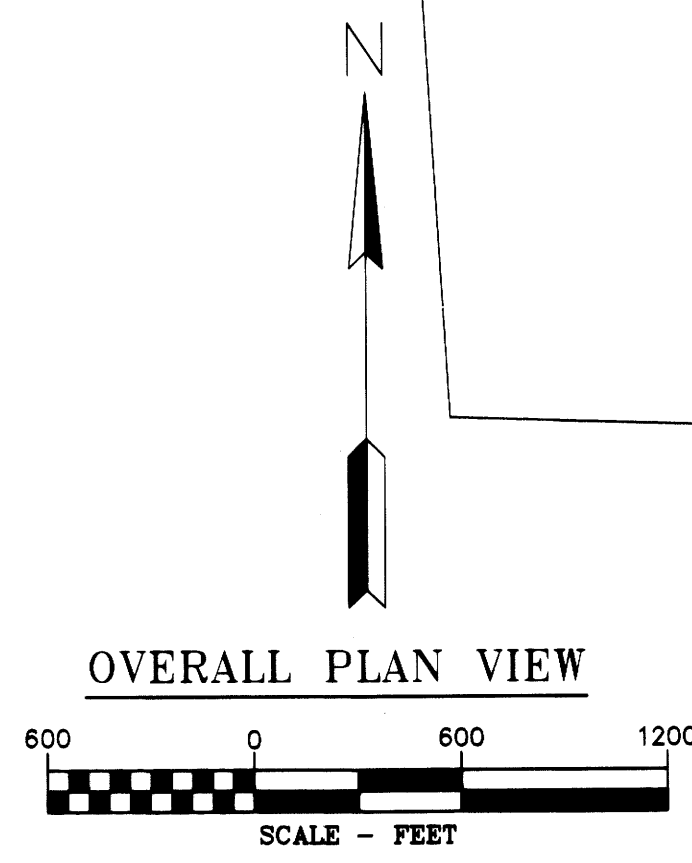
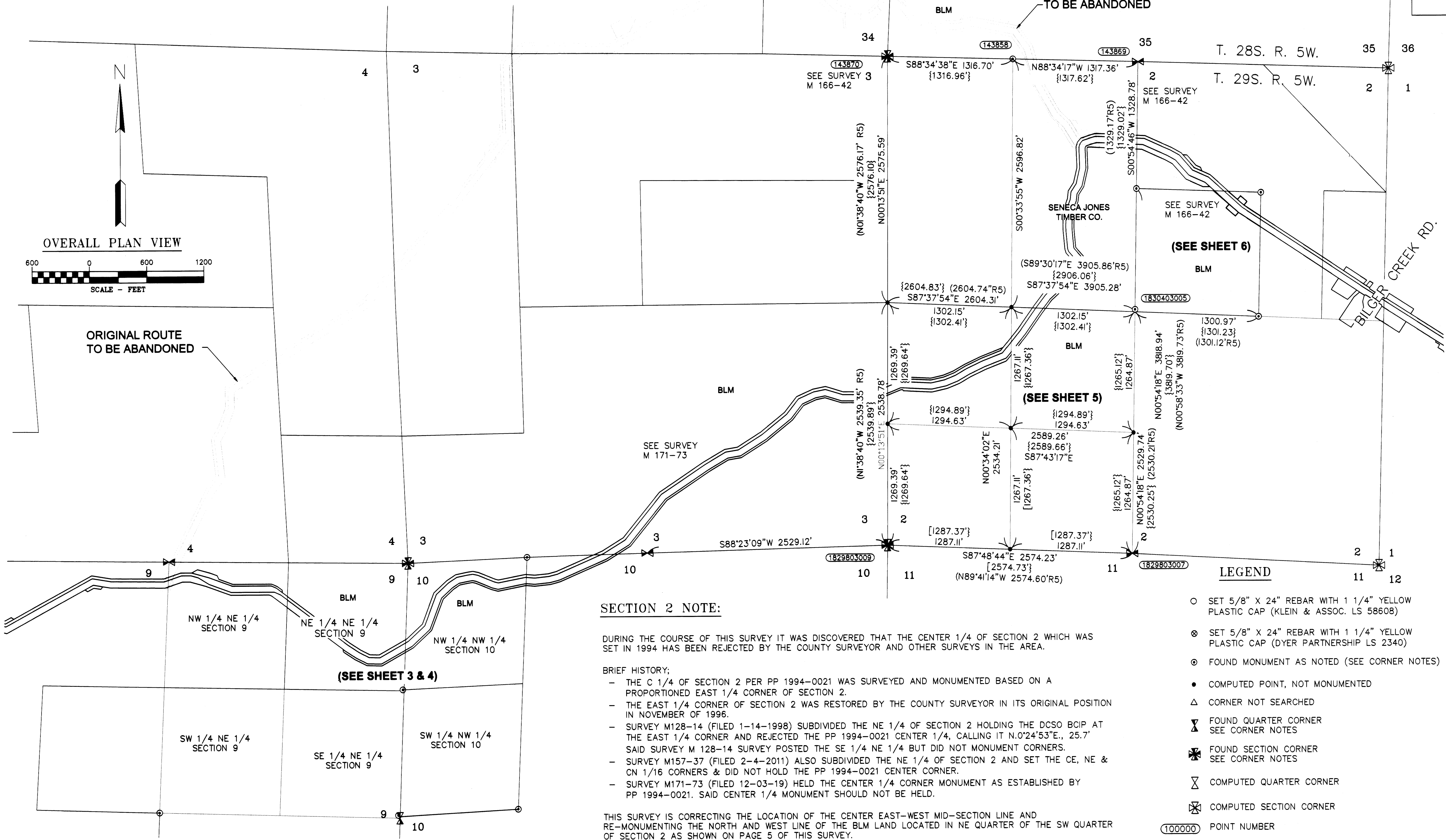
WILLAMETTE MERIDIAN DOUGLAS COUNTY, OREGON

T.29S., R.5W

Grid table with section numbers 9 and 10 highlighted.

SURVEY PERFORMED FOR: PEMBINA DATE OF MONUMENTATION: SEPTEMBER 25, 2020 DRAFT: RAA FILE: RS-29S-05W_MP 73-76.DWG

RECORD OF SURVEY LOCATED IN SECTIONS 2, 9, & 10 TOWNSHIP 29 SOUTH, RANGE 5 WEST, WILLAMETTE MERIDIAN DOUGLAS COUNTY, OREGON



SECTION 2 NOTE:

DURING THE COURSE OF THIS SURVEY IT WAS DISCOVERED THAT THE CENTER 1/4 OF SECTION 2 WHICH WAS SET IN 1994 HAS BEEN REJECTED BY THE COUNTY SURVEYOR AND OTHER SURVEYS IN THE AREA.

BRIEF HISTORY:

- THE C 1/4 OF SECTION 2 PER PP 1994-0021 WAS SURVEYED AND MONUMENTED BASED ON A PROPORTIONED EAST 1/4 CORNER OF SECTION 2.
- THE EAST 1/4 CORNER OF SECTION 2 WAS RESTORED BY THE COUNTY SURVEYOR IN ITS ORIGINAL POSITION IN NOVEMBER OF 1996.
- SURVEY M128-14 (FILED 1-14-1998) SUBDIVIDED THE NE 1/4 OF SECTION 2 HOLDING THE DCSO BCIP AT THE EAST 1/4 CORNER AND REJECTED THE PP 1994-0021 CENTER 1/4, CALLING IT N.0'24'53"E., 25.7' SAID SURVEY M 128-14 SURVEY POSTED THE SE 1/4 NE 1/4 BUT DID NOT MONUMENT CORNERS.
- SURVEY M157-37 (FILED 2-4-2011) ALSO SUBDIVIDED THE NE 1/4 OF SECTION 2 AND SET THE CE, NE & CN 1/16 CORNERS & DID NOT HOLD THE PP 1994-0021 CENTER CORNER.
- SURVEY M171-73 (FILED 12-03-19) HELD THE CENTER 1/4 CORNER MONUMENT AS ESTABLISHED BY PP 1994-0021. SAID CENTER 1/4 MONUMENT SHOULD NOT BE HELD.

THIS SURVEY IS CORRECTING THE LOCATION OF THE CENTER EAST-WEST MID-SECTION LINE AND RE-MONUMENTING THE NORTH AND WEST LINE OF THE BLM LAND LOCATED IN NE QUARTER OF THE SW QUARTER OF SECTION 2 AS SHOWN ON PAGE 5 OF THIS SURVEY.

SECTION 2 CORNER NOTES

SEE SHEET 5 FOR SECTION 2 CORNER NOTES

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

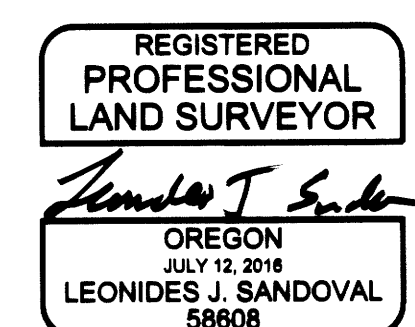


SURVEYOR'S CERTIFICATE

I, LEONIDES J. SANDOVAL 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.

LEONIDES J. SANDOVAL PLS. 58608 CFEDS 1504



- LEGEND: SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. LS 58608), FOUND MONUMENT AS NOTED (SEE CORNER NOTES), COMPUTED POINT, NOT MONUMENTED, CORNER NOT SEARCHED, FOUND QUARTER CORNER SEE CORNER NOTES, FOUND SECTION CORNER SEE CORNER NOTES, COMPUTED QUARTER CORNER, COMPUTED SECTION CORNER, POINT NUMBER, GROUND DISTANCE, RECORD DISTANCE PER REFERENCED SURVEY, REFERENCED SURVEY, PROPOSED ALIGNMENT, TEMPORARY CONSTRUCTION EASEMENT, TEMPORARY WORK AREA

PACIFIC CONNECTOR GAS PIPELINE PROJECT PACIFIC CONNECTOR GAS PIPELINE, LP RECORD OF SURVEY SECTIONS 2, 9 & 10 TOWNSHIP 29 SOUTH, RANGE 5 WEST, W.M. DOUGLAS COUNTY, OREGON



Table with drawing information: DRAWN BY: RAA, DATE: 9-25-2020, ISSUED FOR BID, SCALE: 1" = 600', CHECKED BY, DATE, ISSUED FOR CONSTRUCTION, APPROVED BY, DATE, DRAWING NUMBER, SHEET 1 OF 6

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

FILED Date: 11-17-2020 By: This survey consists of: Map: M178-18 A-F Narrative: Corner Rpt: DOUGLAS COUNTY SURVEYOR

SECTION 9 AND 10 NOTE:

DURING THE COURSE OF THIS SURVEY IT WAS DETERMINED THAT SECTION 9 HAS BEEN SURVEYED AND RESURVEYED. WITH SECTION CORNERS AND QUARTER CORNER WHICH HAVE BEEN SET AND RE-SET CAUSING MULTIPLE CORNER POSITIONS FOR THE CORNERS IN SECTION 9.

M 5-38 BY GEORGE WENDEROTH IN 1957. HOLDS THE ORIGINAL SW & NE OF SECTION 10 AND THE NW OF SECTION 10 PER CS 5/130-2 & SETS THE 1/4 S9/S10, N 1/16 S9/S10, W 1/16 S3/S10, 1/4 S3/S10, E 1/16 S3/S10.

WENDEROTH MEASURES THE WEST LINE 39 FT. LONGER & THE NORTH LINE 61 FT. LONGER THAN MARKHAM BUT SETS THE MONUMENTS AT THE APPROXIMATE PROPORTIONATE POSITIONS.

RM 2-47 BY H.N. HOOVER IN 1973. HOLDS THE NORTH & WEST 1/4 CORNERS OF SECTION 10, SUBDIVISIONS SECTION 10 AND SETS THE C 1/4 & CN 1/16 OF SECTION 10

M 119-2 BY MARK SMALLEY IN 1993. REJECTS THE CS 5/130-2 & M 5-38 MONUMENTS BECAUSE THEY ARE OUT OF POSITION AND RE-COMPUTES THE PROPORTIONATE POSITION OF THE NE CORNER OF SECTION 9 HOLDING THE SAME ORIGINAL CORNERS AS CS 5/130-2 (NW & SE OF SECTION 9 & THE NW & SE OF SECTION 9). SUBDIVIDES SECTION 9 AND SETS THE N 1/4 E 1/4 C 1/4 & CW 1/16 OF SECTION 9.

MANUAL OF SURVEYING INSTRUCTIONS (2009) REFERENCES INCLUDE:

§ 3-137: "... A DECISION TO SET ASIDE PREVIOUSLY FIXED LOCAL SURVEY LEGAL SUBDIVISION CORNERS MUST BE SUPPORTED BY EVIDENCE THAT GOES BEYOND MERE DEMONSTRATION OF TECHNICAL ERROR, REASONABLE DISCREPANCIES BETWEEN FORMER AND NEW MEASUREMENT, AND LESS THAN STRICT ADHERENCE TO RESTORATION AND SUBDIVISION RULES. WERE THE FEDERAL GOVERNMENT OBLIGED TO OPEN THE QUESTION AS TO THE LOCATION OF A PARTICULAR TRACT OR TRACTS OVER TECHNICAL DIFFERENCES OR REASONABLE DISCREPANCIES, CONTROVERSIES WOULD CONSTANTLY ARISE, AND RESURVEYS AND READ JUDICATION WOULD BE INTERMINABLE. THE LAW GIVES THESE ACTIVITIES REPOSE. ..."

§ 6-48: "THE AGE, POSITION, AND DEGREE TO WHICH A LOCAL CORNER HAS BEEN RELIED ON BY ALL AFFECTED LANDOWNERS MAY LEAD TO ITS ADOPTION AS THE BEST REMAINING EVIDENCE OF THE POSITION OF THE ORIGINAL CORNER WHEN A LOCAL REESTABLISHMENT OF A LOST CORNER OR A LOCAL ESTABLISHMENT OF A LEGAL SUBDIVISION CORNER HAS BEEN MADE BY PROPER METHODS WITHOUT GROSS ERROR, IT WILL ORDINARILY BE ACCEPTABLE. MONUMENTS OF UNKNOWN ORIGIN MUST BE JUDGED ON THEIR OWN MERITS, BUT THESE MONUMENTS SHOULD NEVER BE REJECTED OUT OF HAND WITHOUT CAREFUL STUDY. ..."

BASED ON THE MONUMENTS FOUND ON THE GROUND AND OCCUPATION ON THE GROUND THIS SURVEY DETERMINED TO DO THE FOLLOWING:

SECTION 9 - HOLD THE MONUMENTS ESTABLISHED BY SURVEY M 119-2 BY MARK SMALLEY IN 1993.

SECTION 10 - HOLD THE MONUMENTS ESTABLISHED BY SURVEY M 5-38 BY GEORGE WENDEROTH IN 1957, BECAUSE SURVEY RM 2-47 BY H.N. HOOVER IN 1973 USED THE WENDEROTH CORNERS TO CONTROL A SUBDIVISION INTERSECTION 10.

THIS CAUSES TWO CORNERS FOR THE SECTION CORNER COMMON TO SECTIONS 3, 4, 9 AND 10 AND TWO QUARTER CORNERS COMMON TO SECTIONS 9 AND 10, WITH THE SMALLEY CORNERS CONTROLLING SECTION 9 AND THE WENDEROTH CORNERS CONTROLLING SECTION 10.

FOR THE SECTION LINE BETWEEN SECTION 9 AND 10 THIS SURVEY IS HOLDING THE LINE PER THE MONUMENTS ESTABLISHED BY SURVEY M 119-2 BY MARK SMALLEY IN 1993.

FOR THE N 1/16 CORNER COMMON TO SECTION 9 AND 10 IT WAS DETERMINED TO HOLD THE POSITION AS ESTABLISHED BY THE MONUMENTS ESTABLISHED BY SURVEY M 5-38 BY GEORGE WENDEROTH IN 1957.

CORNER NOTES:

(141815) NORTHWEST CORNER SECTION 10, T29S-R5W FOUND 2" ALUMINUM CAP "LS 2354" DATED 1993

- BT REFERENCES: 1) FOUND 46" DOUBLE FIR WITH ROSEBURG RESOURCES TAG, VISIBLE BLAZE N 64° W, 15.0' 2) FOUND 20" CEDAR WITH ROSEBURG RESOURCES TAG, BLAZED AND SCRIBED N 68° E, 22.8' 3) FOUND 11.5" FIR WITH ROSEBURG RESOURCES TAG S 58° E, 12.4' 4) FOUND 40.5" FIR WITH ROSEBURG RESOURCES TAG, BLAZED S 2° W, 43.8' (N.2°W,RI)

(141818) NORTH 1/4 CORNER SECTION 9, T29S-R5W FOUND 2" ALUMINUM CAP "LS 2354" DATED 1993

- BT REFERENCES: 1) FOUND 21" ALDER N 63° W - 27.1' 2) FOUND 37" TRIPLE CEDAR WITH ROSEBURG RESOURCES TAG, BLAZE N 00° E, 283.0' 3) FOUND 26" FIR WITH ROSEBURG RESOURCES TAG S 48° W, 180.0' (S.50°W,RI)

(1829703007) CENTER-WEST 1/16 CORNER SECTION 10, T29S-R5W FOUND 5/8" IRON ROD

- BT REFERENCES: 1) SET 9" MAPLE SCRIBED "BT" N 52° E - 9.8' TO NAIL SIDE CENTER

(1829703018) FOUND A 3/4" IRON PIPE. PER SURVEY NO. M5-38 THIS POINT WAS NOT HELD FOR THE NORTH 1/16 CORNER BETWEEN SECTIONS 9 AND 10. SAID 3/4" IRON PIPE IS NORTH 51°35'50" WEST, 16.05 FEET FROM THE COMPUTED NORTH 1/16. SAID

(1829703013) WEST 1/4 CORNER SECTION 10, T29S-R5W FOUND 2" ALUMINUM CAP "LS 2354" DATED 1993

- BT REFERENCES: 1) FOUND 24" FIR N 50° E - 24.8' TO NAIL SIDE CENTER 2) FOUND 31" FIR WITH HEALED FACE N 13° W, 46.4' TO FACE 3) FOUND 25" CEDAR WITH HEALED FACE N 79° W, 15.2' TO FACE 4) FOUND 17" CEDAR SNAG S 25° E, 25.5' TO SIDE CENTER

(1829903006) WEST 1/16 CORNER SECTIONS 3/10, T29S-R5W FOUND 3/4" IRON PIPE

- BT REFERENCES: 1) SET 13" FIR SCRIBED "BT" N 54° E, 9.45' TO NAIL SIDE CENTER 2) SET 9" FIR SCRIBED "BT" S 42° W, 14.2' TO NAIL SIDE CENTER

REFERENCE SURVEYS:

- 1) RECORD OF SURVEY BY MARK SMALLEY SURVEY M 119-2 DATED 1993 2) RECORD OF SURVEY BY GEO. J. WENDEROTH SURVEY M5-38 DATED 1957 3) RECORD OF SURVEY RM 2-47 BY H.N. HOOVER DATED APRIL, 1973 4) COUNTY SURVEY M171-73 - DATED DECEMBER 3, 2019 5) COUNTY SURVEY M 157-37 BY KRISTIAN O. DEGROOT DATED FEBRUARY 4, 2011 6) BLM DEPENDENT RESURVEY APPROVED JANUARY 9, 1992 7) COUNTY SURVEY NO. M166-42 DATED SEPTEMBER 11, 2015

RECORD OF SURVEY LOCATED IN THE NE 1/4 OF SECTION 9 AND NW 1/4 OF SECTION 10 TOWNSHIP 29 SOUTH, RANGE 5 WEST, WILLAMETTE MERIDIAN DOUGLAS COUNTY, OREGON

FILED Date: 12/17/2020 By: JN This survey consists of Map: M178-18A-F Narrative: Corner Rpt: DOUGLAS COUNTY SURVEYOR

(1829903002) CENTER 1/4 CORNER SECTIONS 9, T29S-R5W FOUND 2" ALUMINUM CAP "LS 2354" DATED 1993

- BT REFERENCES: 1) FOUND 20" DOUBLE OAK WITH VISIBLE SCRIBE, N 72° W - 49.5' 2) FOUND 32" FIR WITH VISIBLE SCRIBE, N 26° E, 62.9' 3) FOUND 43" DOUBLE CEDAR WITH HEALED FACE, S 11° E, 45.0' 4) FOUND 18" PINE WITH HEALED BLAZE S 11° W, 47.3'

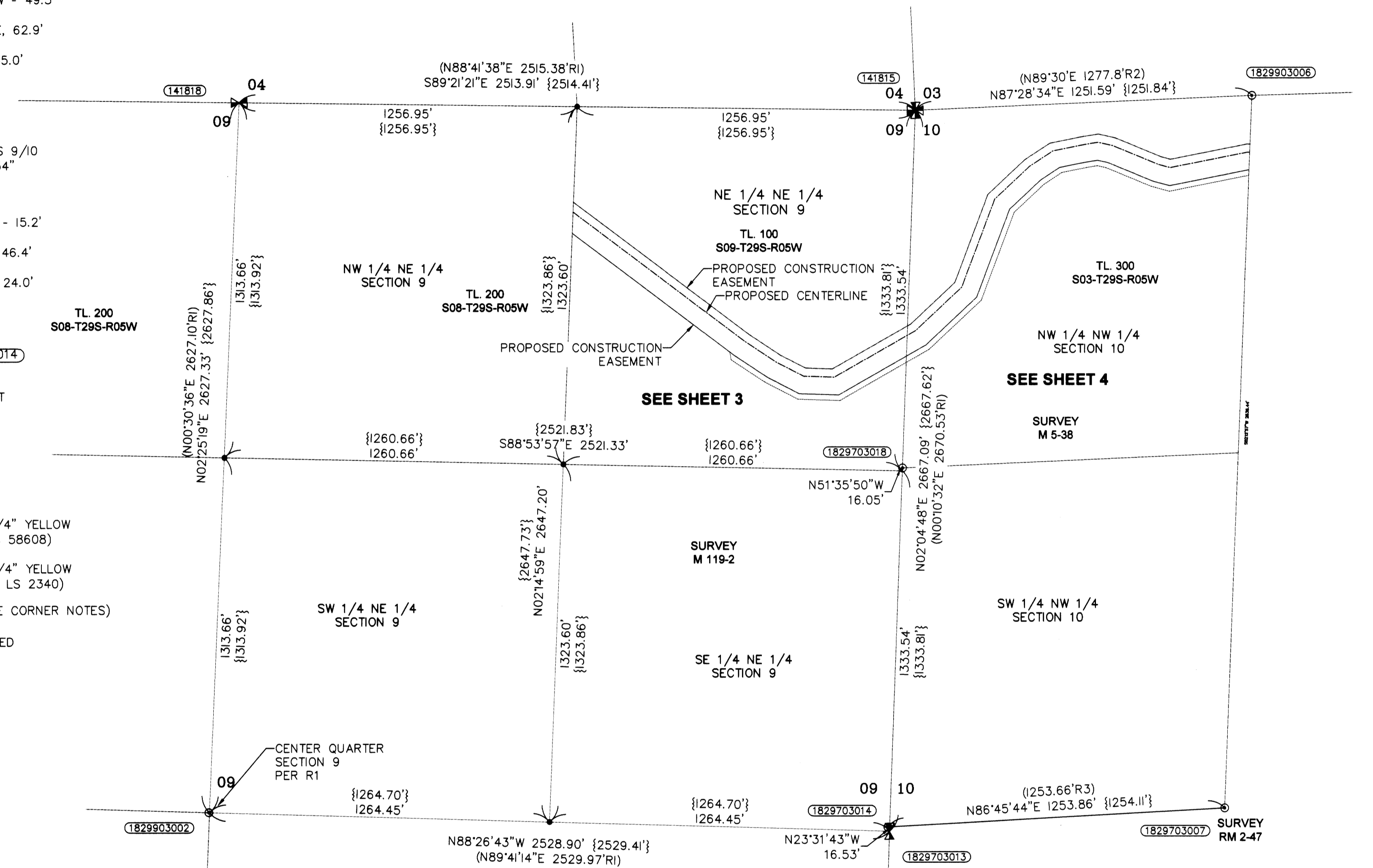
(1829703013) 1/4 CORNER COMMON TO SECTIONS 9/10 FOUND 2" ALUMINUM CAP "LS 2354" DATED 1993

- BT REFERENCES: 1) FOUND 25" CEDAR WITH HEALED FACE, N 79° W - 15.2' 2) FOUND 31" FIR WITH HEALED FACE, N 13° W, 46.4' 3) FOUND 24" DOUBLE FIR WITH HEALED FACE, N 50° E, 24.0' 4) FOUND 17" CEDAR SNAG WITH HEALED BLAZE S 25° E, 25.5' (25.3'RI)

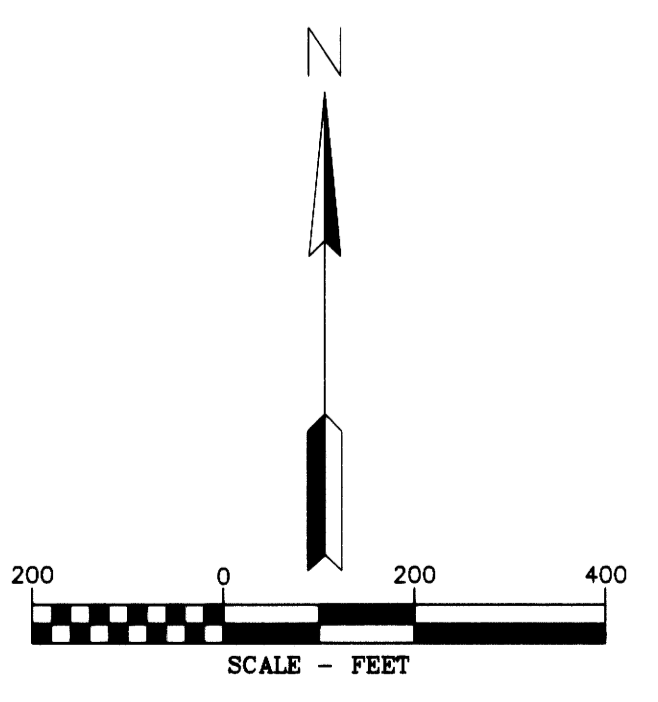
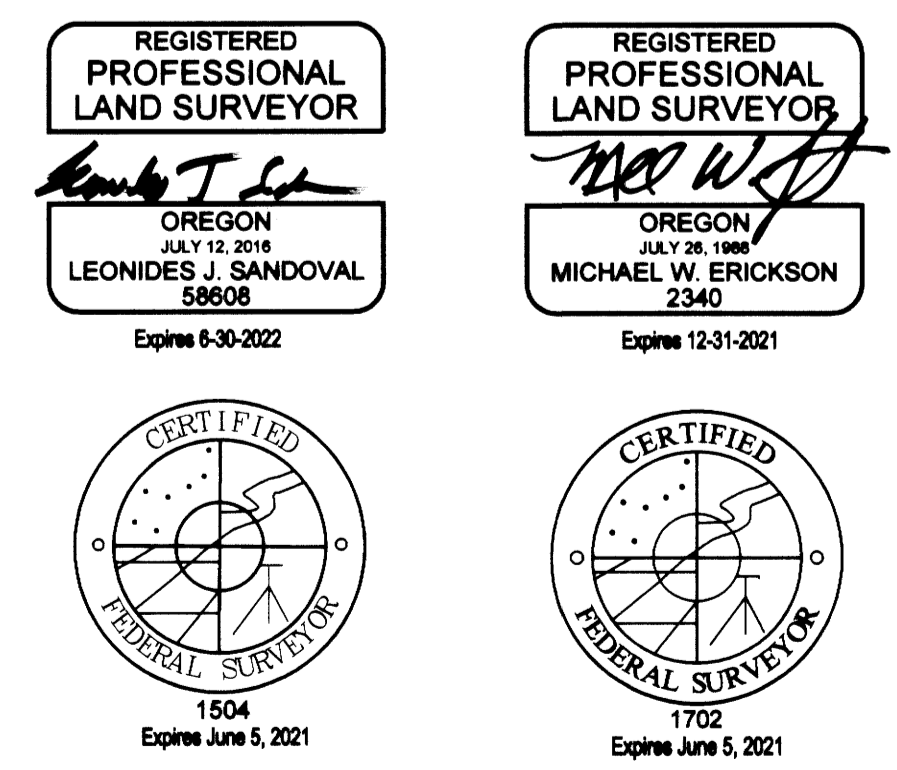
NOTE: FOUND POINT NO. (1829703014) WHICH IS A 3/4" IRON PIPE. PER SURVEY NO. M5-38 NORTH 23°31'43" WEST, 16.53 FEET NOT HELD FOR 1/4 CORNER

LEGEND

- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. LS 58608) ○ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNERSHIP LS 2340) ○ FOUND MONUMENT AS NOTED (SEE CORNER NOTES) • COMPUTED POINT, NOT MONUMENTED △ CORNER NOT SEARCHED ▽ 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



AREA table with columns for area type and value. Rows: TEMPORARY CONSTRUCTION EASEMENT (6.82 ACRES), TEMPORARY WORK AREA (1.10 ACRES)



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

PACIFIC CONNECTOR GAS PIPELINE PROJECT RECORD OF SURVEY SECTIONS 9 AND 10 TOWNSHIP 29 SOUTH, RANGE 5 WEST, W.M. DOUGLAS COUNTY, OREGON. Includes drawing and approval information.

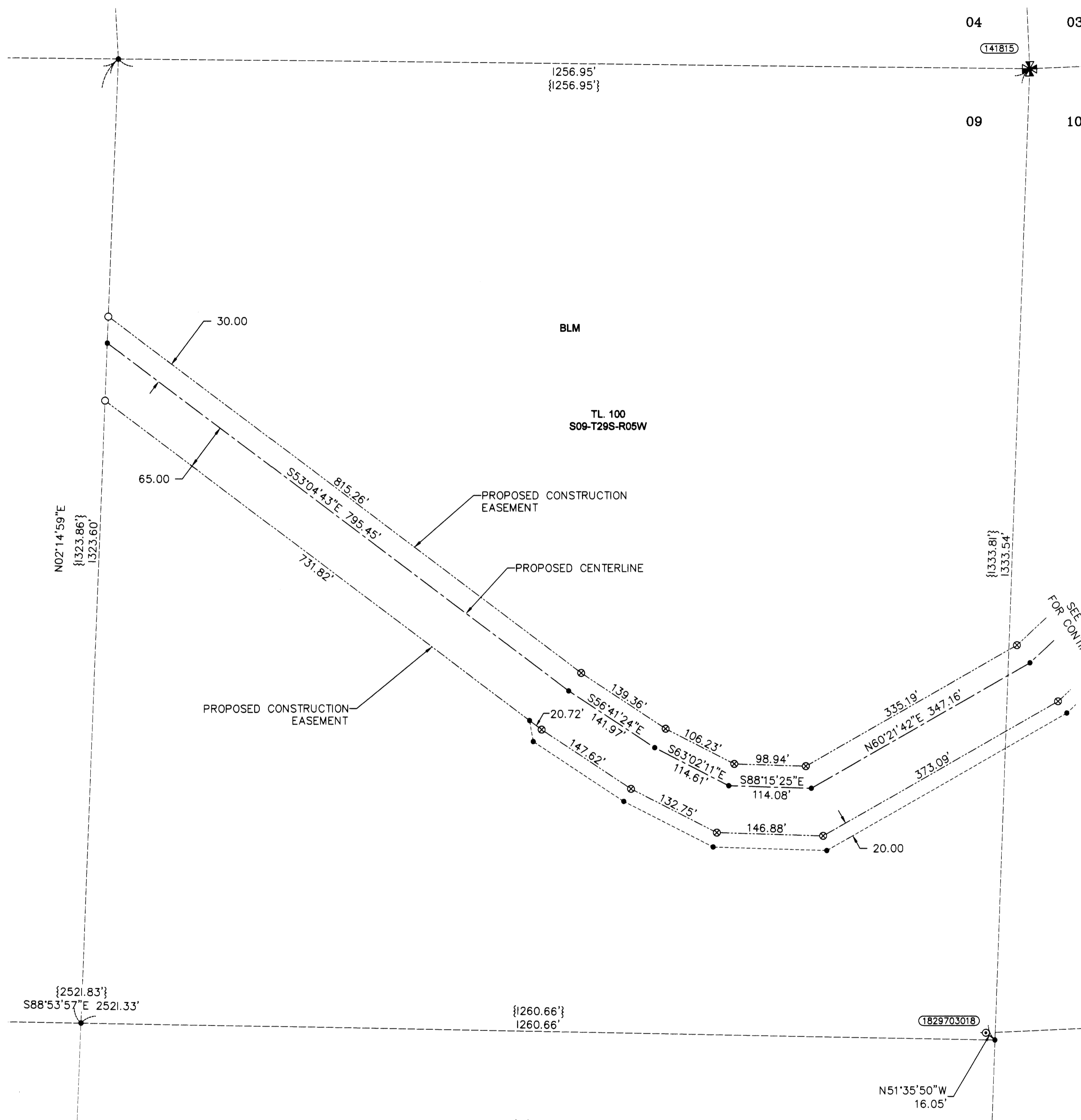
RECORD OF SURVEY

LOCATED IN THE
NE 1/4 OF SECTION 9
TOWNSHIP 29 SOUTH, RANGE 5 WEST, WILLAMETTE MERIDIAN
DOUGLAS COUNTY, OREGON

FILED
Date: 12-17-2020 By: M
This survey consists of:
Map: M178-18A-F
Narrative:
Corner Rpt:
DOUGLAS COUNTY
SURVEYOR

- ### REFERENCE SURVEYS:
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 - 3) RECORD OF SURVEY RM 2-47 BY H.N. HOOVER
DATED APRIL, 1973
 - 4) COUNTY SURVEY M171-73 -
DATED DECEMBER 3, 2019
 - 5) COUNTY SURVEY M 157-37 BY KRISTIAN O. DEGROOT
DATED FEBRUARY 4, 2011
 - 6) BLM DEPENDENT RESURVEY
APPROVED JANUARY 9, 1992
 - 7) COUNTY SURVEY NO. M166-42
DATED SEPTEMBER 11, 2015

- ### LEGEND
- SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. LS 58608)
 - ⊙ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNERSHIP LS 2340)
 - ⊙ FOUND MONUMENT AS NOTED (SEE CORNER NOTES)
 - COMPUTED POINT, NOT MONUMENTED
 - △ CORNER NOT SEARCHED
 - ▽ FOUND QUARTER CORNER
SEE CORNER NOTES
 - ✱ FOUND SECTION CORNER
SEE CORNER NOTES
 - ⊠ COMPUTED QUARTER CORNER
 - ⊠ COMPUTED SECTION CORNER
 - 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



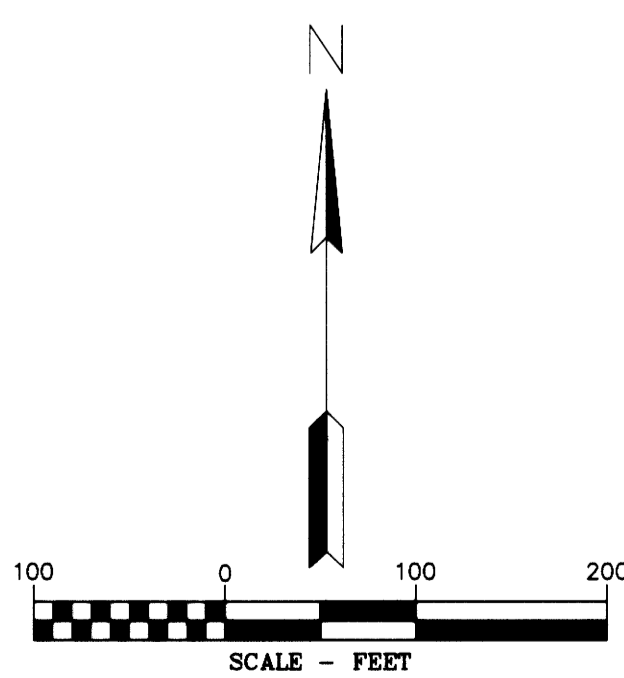
- ### CORNER NOTES:
- (141815)
NORTHWEST CORNER SECTION 10, T29S-R5W
FOUND 2" ALUMINUM CAP "LS 2354"
DATED 1993
BT REFERENCES:
1) FOUND 46" DOUBLE FIR
WITH ROSEBURG RESOURCES TAG, VISIBLE BLAZE
N 64° W, 15.0'
2) FOUND 20" CEDAR
WITH ROSEBURG RESOURCES TAG, BLAZED AND SCRIBED
N 68° E, 22.8'
3) FOUND 11.5" FIR
WITH ROSEBURG RESOURCES TAG
S 58° E, 12.4'
4) FOUND 40.5" FIR
WITH ROSEBURG RESOURCES TAG, BLAZED
S 2° W, 43.8' (N.2°W,RI)
- (141818)
NORTH 1/4 CORNER SECTION 9, T29S-R5W
FOUND 2" ALUMINUM CAP "LS 2354"
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3) FOUND 26" FIR
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S 48° W, 180.0' (S.50°W,RI)
- (1829703018)
FOUND A 3/4" IRON PIPE.
PER SURVEY NO. M5-38
THIS POINT WAS NOT HELD FOR
THE NORTH 1/16 CORNER BETWEEN
SECTIONS 9 AND 10.
SAID 3/4" IRON PIPE IS
NORTH 51°35'50" WEST, 16.05 FEET
FROM THE COMPUTED NORTH 1/16.
SAID

REGISTERED PROFESSIONAL LAND SURVEYOR
Leonides J. Sandoval
OREGON
JULY 12, 2018
LEONIDES J. SANDOVAL
58608
Expires 6-30-2022

CERTIFIED FEDERAL SURVEYOR
1504
Expires June 3, 2021

REGISTERED PROFESSIONAL LAND SURVEYOR
Michael W. Erickson
OREGON
JULY 28, 1988
MICHAEL W. ERICKSON
2340
Expires 12-31-2021

CERTIFIED FEDERAL SURVEYOR
1702
Expires June 5, 2021



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 9
TOWNSHIP 29 SOUTH, RANGE 5 WEST, W.M.
DOUGLAS COUNTY, OREGON

Pacific Connector
GAS PIPELINE

DRAWN BY: RAA	DATE: 09-25-2020	ISSUED FOR BID:	SCALE: 1" = 100'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 3 OF 6

RECORD OF SURVEY

LOCATED IN THE
NW 1/4 OF SECTION 10
TOWNSHIP 29 SOUTH, RANGE 5 WEST, WILLAMETTE MERIDIAN
DOUGLAS COUNTY, OREGON

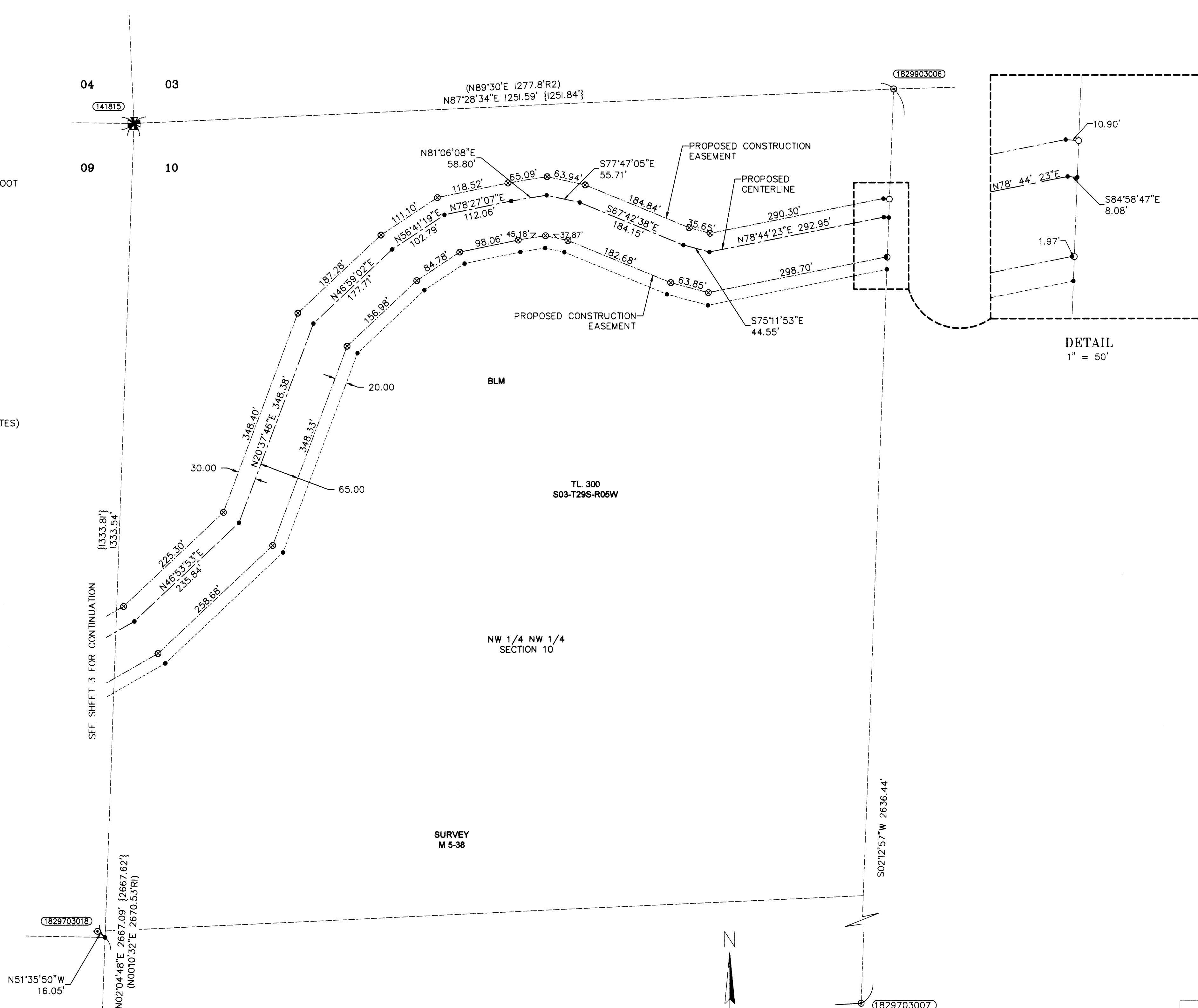
FILED
Date: 12-17-2020 By: DJ
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Corner Rpt:
DOUGLAS COUNTY
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LEGEND

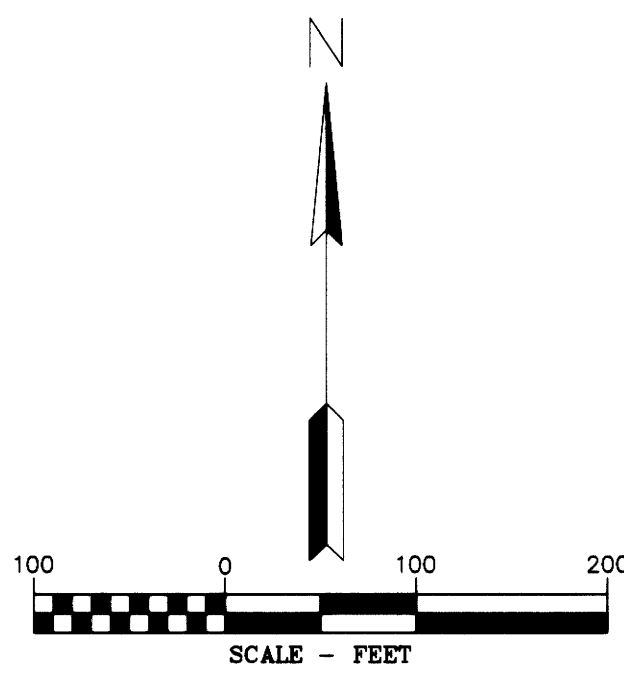
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- ⊗ SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNERSHIP LS 2340)
- ⊙ FOUND MONUMENT AS NOTED (SEE CORNER NOTES)
- COMPUTED POINT, NOT MONUMENTED
- △ CORNER NOT SEARCHED
- ⊠ FOUND QUARTER CORNER SEE CORNER NOTES
- ⊠ FOUND SECTION CORNER SEE CORNER NOTES
- ⊠ COMPUTED QUARTER CORNER
- ⊠ COMPUTED SECTION CORNER
- 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



CORNER NOTES:

- (141815)
NORTHWEST CORNER SECTION 10, T29S-R5W
FOUND 2" ALUMINUM CAP "LS 2354"
DATED 1993
BT REFERENCES:
1) FOUND 46" DOUBLE FIR WITH ROSEBURG RESOURCES TAG, VISIBLE BLAZE N 64° W, 15.0'
2) FOUND 20" CEDAR WITH ROSEBURG RESOURCES TAG, BLAZED AND SCRIBED N 68° E, 22.8'
3) FOUND 11.5" FIR WITH ROSEBURG RESOURCES TAG S 58° E, 12.4'
4) FOUND 40.5" FIR WITH ROSEBURG RESOURCES TAG, BLAZED S 2° W, 43.8' (N.2°W)R1
- (1829903006)
WEST 1/16 CORNER SECTION 3/10, T29S-R5W
FOUND 3/4" IRON PIPE
BT REFERENCES:
1) SET 13" FIR SCRIBED "BT" N 54° E, 9.45' TO NAIL SIDE CENTER
2) SET 9" FIR SCRIBED "BT" S 42° W, 14.2' TO NAIL SIDE CENTER
- (1829703007)
CENTER-WEST 1/16 CORNER SECTION 10, T29S-R5W
FOUND 5/8" IRON ROD
BT REFERENCES:
1) SET 9" MAPLE SCRIBED "BT" N 52° E - 9.8' TO NAIL SIDE CENTER

PLOT DATE: December 7, 2020
12/17/2020 1:38:00 PM
C:\Users\jason\OneDrive\Documents\Projects\1829703007\1829703007.dwg



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ENGINEERS & PLANNERS, INC.
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PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
RECORD OF SURVEY
SECTION 10
TOWNSHIP 29 SOUTH, RANGE 5 WEST, W.M.
DOUGLAS COUNTY, OREGON

Pacific Connector
GAS PIPELINE

DRAWN BY: RAA	DATE: 09-25-2020	ISSUED FOR BID:	SCALE: 1" = 100'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 4 OF 6

REGISTERED PROFESSIONAL LAND SURVEYOR
LEONIDES J. SANDOVAL
58608
Expire 6-30-2022

CERTIFIED FEDERAL SURVEYOR
1504
Expire June 5, 2021

REGISTERED PROFESSIONAL LAND SURVEYOR
MICHAEL W. ERICKSON
2340
Expire 12-31-2021

CERTIFIED FEDERAL SURVEYOR
1702
Expire June 5, 2021

RECORD OF SURVEY

LOCATED IN THE
NE 1/4 OF THE SW 1/4 SECTION 2
TOWNSHIP 29 SOUTH, RANGE 5 WEST, WILLAMETTE MERIDIAN
DOUGLAS COUNTY, OREGON

FILED
Date: 12-17-2020 By: *NA*
This survey consists of:
Map: M178-18 A-F
Narrative:
Corner Pp. 6
DOUGLAS COUNTY
SURVEYOR

NARRATIVE

THE PURPOSE OF THIS SHEET ONLY PERTAINED TO MODIFYING (ELIMINATING) THE TEWA AT TWO LOCATIONS, AND TO MODIFY THE MONUMENTS SET ON THE NORTH AND WEST LINE OF THE NE 1/4 OF THE SW 1/4 SECTION 2. THE BREAKDOWN OF SECTION 2 WAS RECOMPUTED IN THIS SURVEY SEE SHEET 1 OF THIS SURVEY FOR DETAILS.

CORNER NOTES:

CORNER VISITED DURING M166-42/ M171-73

(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'

(1829703005) NOT HELD FOR CENTER 1/4 SEE SHEET 1

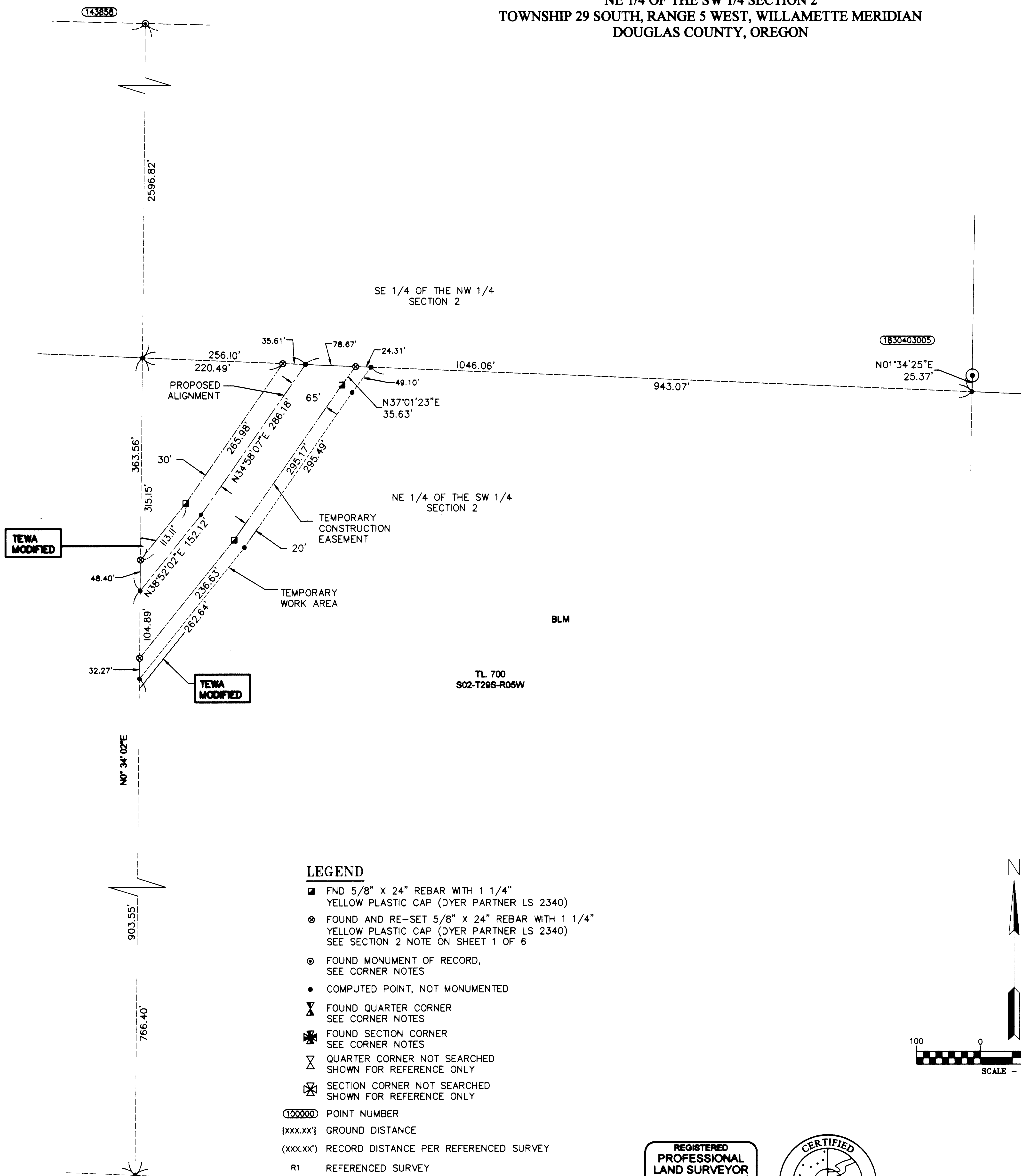
CENTER 1/4 CORNER SECTION 2, T29S-R5W
FOUND 2-1/2" BRASS CAP "PLS 2391"
DATED 1994
BT REFERENCES:
1) FOUND 48" FIR
W/ BLM TAG
N 29° E - 53.2' TO FACE
2) FOUND 10" OAK
OPEN FACED BLAZE "C1/2 S2"
S 54° W, 16.7'
3) FOUND 12" MAPLE
WITH HEALED BLAZE
N 72° E, 24.3'
4) FOUND 27" FIR
WITH HEALED BLAZE
N 11° W, 49.0'

(1829803007)

SOUTH 1/4 CORNER SECTION 2, T29S-R5W
FOUND 2-1/2" COUNTY SURVEYOR BRASS CAP
DATED 1961
BT REFERENCES:
1) FOUND 15" MADRONE
WITH HEALED FACE
N 10° W - 8.5'
2) FOUND 10" MADRONE
WITH VISIBLE SCRIBE
N 44° E, 30.0'
3) FOUND 9" MADRONE
WITH VISIBLE SCRIBE
S 61° E, 8.8'
4) FOUND 19" CEDAR
WITH HEALED FACE
S 78° W, 19.5'

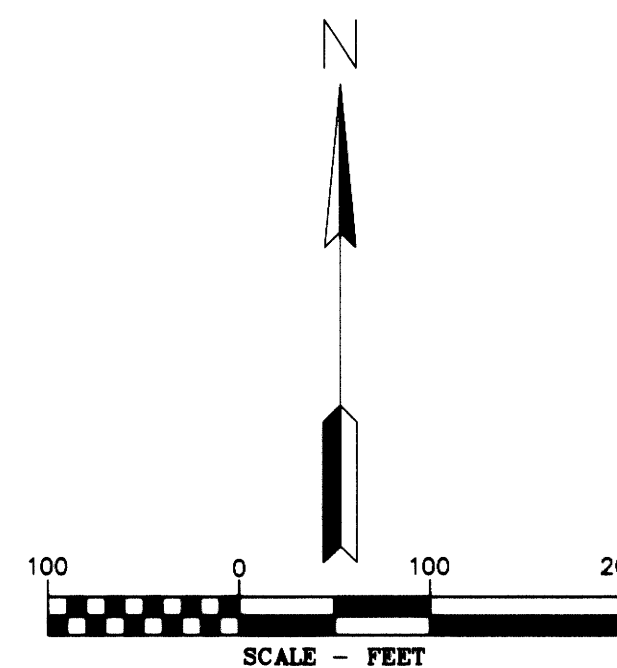
(1829803009)

NORTHWEST CORNER SECTION II, T29S-R5W
FOUND 2-1/2" COUNTY SURVEYOR BRASS CAP
DATED 1962
BT REFERENCES:
1) FOUND 29" PINE
WITH VISIBLE SCRIBING
N 32° W - 28.5' TO FACE
2) FOUND 30" PINE
WITH HEALED BLAZE
N 32° E, 37.5'
3) FOUND 37" FIR
WITH HEALED FACE
S 68° W, 63.3'
4) FOUND 16.5" OAK
WITH HEALED FACE
S 25° E, 21.8'



LEGEND

- FND 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 2340)
- ⊙ FOUND AND RE-SET 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 2340) SEE SECTION 2 NOTE ON SHEET 1 OF 6
- ⊙ FOUND MONUMENT OF RECORD, SEE CORNER NOTES
- 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
- ⓪ POINT NUMBER
- {xxx.xx} GROUND DISTANCE
- {xxx.xx} GROUND DISTANCE PER REFERENCED SURVEY
- R1 REFERENCED SURVEY
- PROPOSED ALIGNMENT
- - - - - TEMPORARY CONSTRUCTION EASEMENT
- TEMPORARY WORK AREA
- LINE PER MAP OF SURVEY NO. M171-73

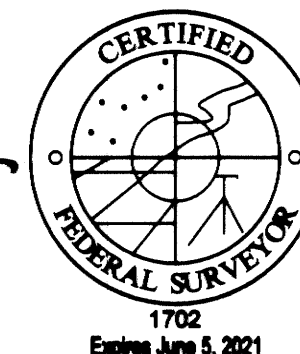


REFERENCE SURVEYS:

- 1) RECORD OF SURVEY BY MARK SMALLEY SURVEY M 119-2 DATED 1993
- 2) RECORD OF SURVEY BY GEO. J. WENDEROTH SURVEY M5-38 DATED 1957
- 3) RECORD OF SURVEY RM 2-47 BY H.N. HOOVER DATED APRIL, 1973
- 4) COUNTY SURVEY M171-73 - DATED DECEMBER 3, 2019
- 5) COUNTY SURVEY M 157-37 BY KRISTIAN O. DEGROOT DATED FEBRUARY 4, 2011
- 6) BLM DEPENDENT RESURVEY APPROVED JANUARY 9, 1992
- 7) COUNTY SURVEY NO. M166-42 DATED SEPTEMBER 11, 2015

AREA

TEMPORARY CONSTRUCTION EASEMENT	1.03 ACRES
TEMPORARY WORK AREA	0.26 ACRES



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PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
RECORD OF SURVEY
SECTION 2
TOWNSHIP 29 SOUTH, RANGE 5 WEST, W.M.
DOUGLAS COUNTY, OREGON

DRAWN BY: RAA	DATE: 9-25-2020	ISSUED FOR BID:	SCALE: 1" = 100'
CHECKED BY:	DATE:	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 5 OF 6

RECORD OF SURVEY

LOCATED IN THE
SW 1/4 OF THE NE 1/4 OF SECTION 2
TOWNSHIP 29 SOUTH, RANGE 5 WEST, W.M.
DOUGLAS COUNTY, OREGON

FILED
Date: 12-17-2020 by: [Signature]
This survey consists of:
Map: M178-18 A-F
Narrative:
Corner: [Signature]
DOUGLAS COUNTY
SURVEYOR

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO AMEND THE SURVEY FILED AS COUNTY SURVEY NO. M166-42. THIS SURVEY SHOWS ADDITIONAL INFORMATION FOR THE FOUND AND RECORD DATA BETWEEN EXISTING MONUMENTS.

THE TEMPORARY CONSTRUCTION EASEMENT WAS SURVEYED AND MONUMENTED BY THE DYER PARTNERSHIP UNDER THE DIRECT SUPERVISION OF LEONIDES J. SANDOVAL.

THE INTERSECTION OF THE TEMPORARY CONSTRUCTION EASEMENT AND THE FEDERAL LANDS WERE MONUMENTED BY THE DYER PARTNERSHIP INC. UNDER THE DIRECT SUPERVISION OF LEONIDES J. SANDOVAL.

SEE LEGEND SHOWING THE MONUMENT SYMBOLS.

CORNER NOTES:

CORNERS VISITED DURING M166-42

(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

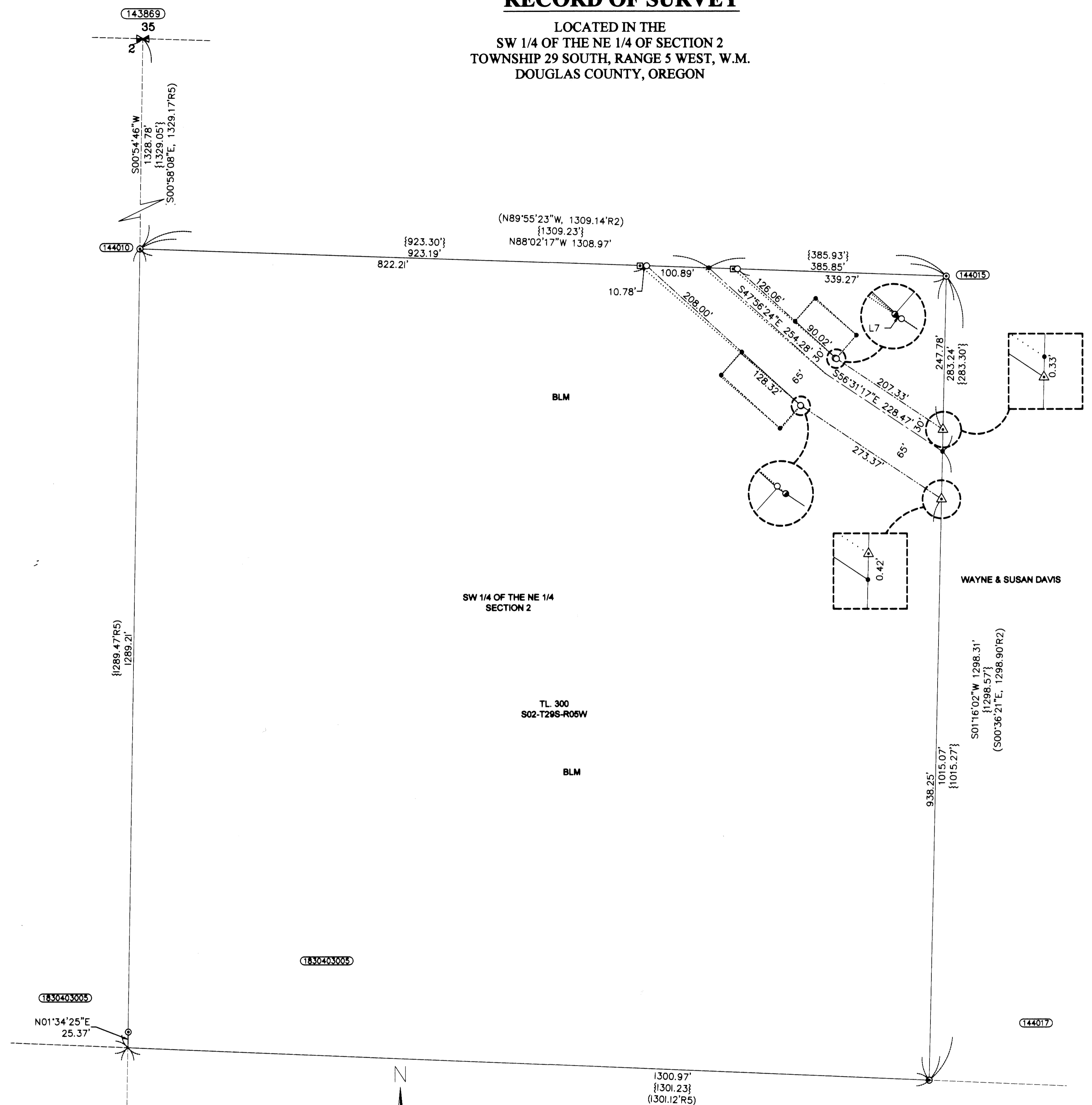
(143869)
1/4 CORNER SECTIONS 35, T28S-R5W
AND SECTION, 2 T29S-R5W
FOUND 3-1/4" BLM BRASS CAP
DATED 1988
BT REFERENCES:
1) FOUND 22" FIR WITH HEALED FACE
WITH TAG DATED 1988
S 40' E - 5.61' TO NAIL SIDE CENTER
2) FOUND 13" FIR WITH HEALED FACE
WITH TAG DATED 1988
N 60' W - 8.58' TO NAIL SIDE CENTER

(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

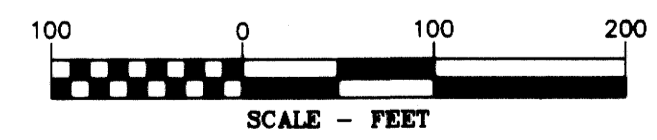
(1830403005) NOT HELD FOR CENTER 1/4 SEE SHEET I
CENTER 1/4 CORNER SECTION 2, T29S-R5W
FOUND 2-1/2" BRASS CAP "PLS 2391"
DATED 1994
BT REFERENCES:
1) FOUND 48" FIR
W/ BLM TAG
N 29' E - 53.2' TO FACE
2) FOUND 10" OAK
OPEN FACED BLAZE "CI/2 S2"
S 54' W, 167'
3) FOUND 12" MAPLE
WITH HEALED BLAZE
N 72' E, 24.3'
4) FOUND 27" FIR
WITH HEALED BLAZE
N 11' W, 49.0'

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- 6) BLM DEPENDENT RESURVEY APPROVED JANUARY 9, 1992
- 7) COUNTY SURVEY NO. M166-42 DATED SEPTEMBER 11, 2015



OVERALL PLAN VIEW



AREAS

TEMPORARY CONSTRUCTION EASEMENT	1.13 ACRES
TEMPORARY WORK AREA	0.25 ACRES

LINE TABLE

LINE #	DIRECTION	LENGTH
L1	N42°03'36"E	50.00
L2	S47°56'24"E	90.02
L3	S42°03'36"W	50.00
L4	S42°02'51"W	50.00
L5	S47°56'24"E	128.32
L6	N42°02'51"E	50.00
L7	S47°56'24"E	0.32

LEGEND

- SET 5/8" X 30" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. LS 58608)
- REMOVED 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (DYER PARTNER LS 2340)
- ⊠ REMOVE 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. LS 59002) PER SURVEY NO. M166-42
- △ FND 5/8" X 24" REBAR WITH 1 1/4" YELLOW PLASTIC CAP (KLEIN & ASSOC. LS 59002) PER SURVEY NO. M166-42
- ⊙ FOUND MONUMENT AS NOTED (SEE CORNER NOTES)
- COMPUTED POINT, NOT MONUMENTED
- ⊠ FOUND QUARTER CORNER SEE CORNER NOTES
- (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
- LINE PER MAP OF SURVEY NO. M166-42



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PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
RECORD OF SURVEY
SECTION 2
TOWNSHIP 29 SOUTH, RANGE 5 WEST, W.M.
DOUGLAS COUNTY, OREGON

Pacific Connector
GAS PIPELINE

DRAWN BY: RAA	DATE: 9-25-2020	ISSUED FOR BID:	SCALE: 1" = 100'
CHECKED BY: MME	DATE: 10-9-2020	ISSUED FOR CONSTRUCTION:	
APPROVED BY:	DATE:	DRAWING NUMBER:	SHEET 6 OF 6