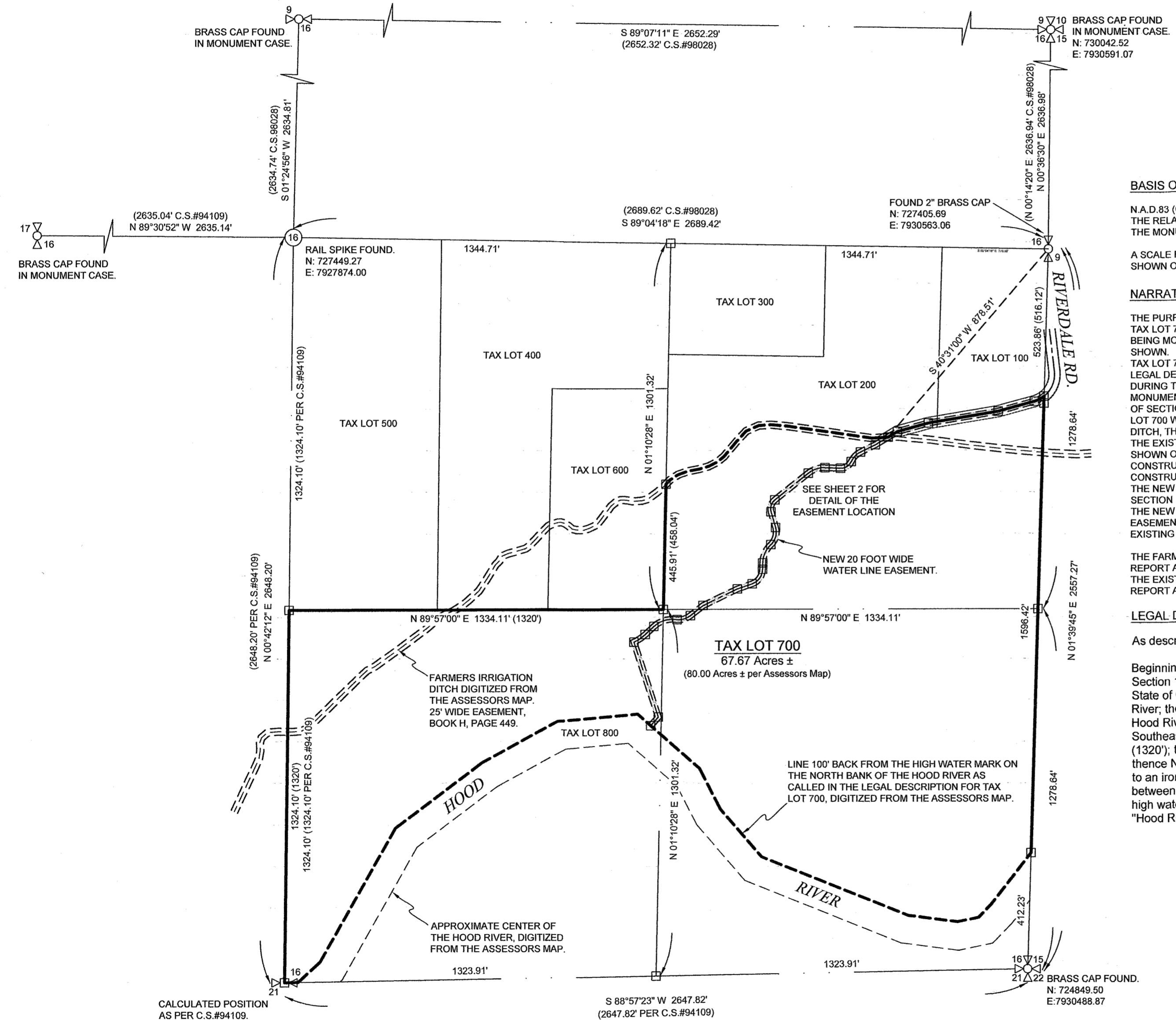
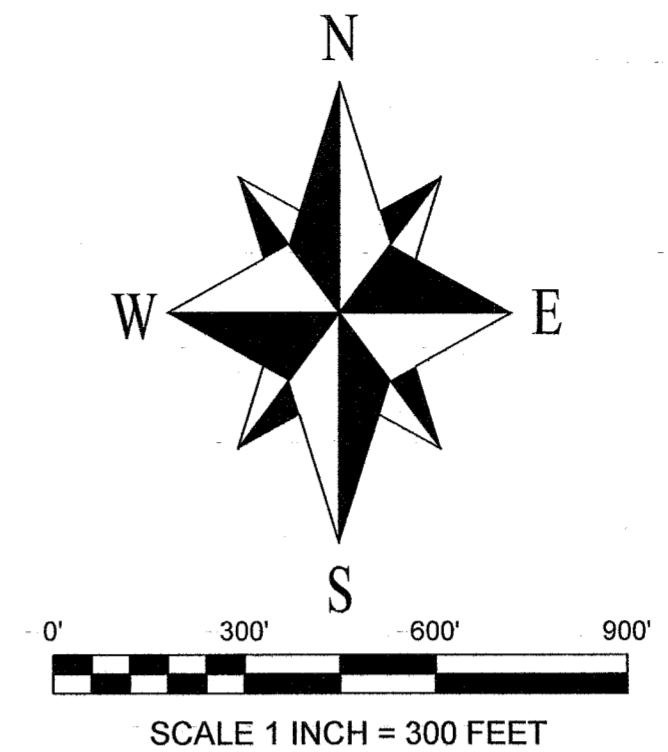


EASEMENT SURVEY FOR THE CITY OF HOOD RIVER.
 LOCATED IN THE SE 1/4 OF SECTION 16, TOWNSHIP 2 NORTH, RANGE 10 EAST W.M.,
 TAX LOT 700, 2N-10E-16D.
 HOOD RIVER COUNTY, OREGON.
 SHEET 1 OF 2

HOOD RIVER COUNTY
 SURVEYOR'S OFFICE
 Survey No: CS 2014 043
 Filed Date: 11-21-14
 By: [Signature]



BASIS OF BEARINGS AND HORIZONTAL DATUM:

N.A.D.83 (CORS96) (EPOCH 2002.0) STATE PLANE GRID BEARINGS BY G.P.S. UTILIZING THE O.D.O.T. REAL TIME G.P.S. NETWORK. THE RELATIONSHIP BETWEEN THE BEARING MEASURED FOR THIS SURVEY AND THAT OF C.S.#98028 IS ALSO SHOWN BETWEEN THE MONUMENTS FOUND AT THE NORTHEAST CORNER AND EAST QUARTER CORNER OF SECTION 16.

A SCALE FACTOR WAS APPLIED TO REDUCE THE DISTANCES TO GROUND DISTANCES. TO CONVERT THE COORDINATES SHOWN ON THIS SURVEY TO STATE PLANE COORDINATES MULTIPLY BY THE SCALE FACTOR OF 0.999992468393.

NARRATIVE:

THE PURPOSE OF THIS SURVEY IS TO MODIFY THE LEGAL DESCRIPTION FOR THE NEW WATER LINE EASEMENT ACROSS TAX LOT 700 SHOWN ON MY SURVEY DATED JULY 2, 2009 AND FILED DECEMBER 8, 2009 AS C.S.#2009058. THE EASEMENT IS BEING MODIFIED TO FOLLOW THE PROPOSED NEW PIPELINE ROUTE AND NOT THE EXISTING ROUTE AS PREVIOUSLY SHOWN.

TAX LOT 700 IS DESCRIBED BY HOOD RIVER COUNTY STATUTORY WARRANTY DEED DOCUMENT No.2007-00422 AND THE LEGAL DESCRIPTION IS REPRODUCED BELOW. DURING THE SURVEY FOR C.S.#2009058 I FOUND THE SOUTHEAST SECTION CORNER MONUMENT, THE EAST QUARTER MONUMENT AND THE MONUMENT AT THE CENTER OF SECTION 16. I CALCULATED THE POSITION OF THE SOUTH QUARTER OF SECTION 16 AS PER C.S.#94109 TO DETERMINE THE BOUNDARY LINES OF TAX LOT 700. THE SOUTHERLY LINE OF TAX LOT 700 WAS DIGITIZED AS PER THE ASSESSORS MAP, AS WAS THE BOUNDARY FORMED BY THE FARMERS IRRIGATION DITCH, THESE LINES WILL NEED TO BE SURVEYED MORE ACCURATELY TO BE CONCLUSIVE. I LOCATED THE CENTER OF THE EXISTING GRAVEL ROAD WHICH IS SHOWN ON THE ASSESSORS MAP AS RIVERDALE ROAD. THERE IS A RIGHT OF WAY SHOWN ON THE ASSESSORS MAP FOR RIVERDALE ROAD WHICH MAY NOT BE IN THE SAME LOCATION AS THE CONSTRUCTED ROADWAY. I SHOW THE RIGHT OF WAY FOR RIVERDALE ROAD BEING 20 FEET EITHER SIDE OF THE AS CONSTRUCTED LOCATION.

THE NEW EASEMENT DESCRIPTION WAS STARTED WHERE THE EXISTING GRAVEL ROAD CROSSES THE EAST LINE OF SECTION 16, BUT MAY NOT BE NECESSARY UNTIL THE ROADWAY CROSSES THE EXISTING IRRIGATION DITCH. I DESCRIBED THE NEW EASEMENT IN THIS MANNER TO ENSURE THAT THE NEW WATER MAIN TO BE CONSTRUCTED FALLS WITHIN AN EASEMENT IF THE RIGHT OF WAY FOR RIVERDALE ROAD IS DETERMINED TO BE IN A DIFFERENT LOCATION THAN THE EXISTING ROADWAY. THE PUBLIC RIGHT OF WAY FOR RIVERDALE ROAD ENDS AT THE EAST LINE OF SECTION 16.

THE FARMERS IRRIGATION DITCH APPEARS TO BE THE SUBJECT OF A 25 FOOT WIDE EASEMENT AS NOTED ON THE TITLE REPORT AS EXCEPTION No.7, DESCRIBED BY DEED BOOK H, PAGE 449. THE EXISTING CITY WATER MAIN APPEARS TO BE THE SUBJECT OF A 20 FOOT WIDE EASEMENT AS NOTED ON THE TITLE REPORT AS EXCEPTION No.8, DESCRIBED BY DEED BOOK 4, PAGE 352.

LEGAL DESCRIPTION FOR TAX LOT 700:

As described by Hood River County statutory warranty deed document No.2007-00422.

Beginning at a point 31 rods and 7 links (516.12') South from the Northeast corner of the Southeast quarter of Section 16, Township 2 North, Range 10 East of the Willamette Meridian, in the County of Hood River and State of Oregon; running thence South 109 rods (1798.5') to the high waterline on the South bank of Hood River; thence along the South bank of Hood River to where the Section line running East and West crosses Hood River; thence West following the said Section line about 12 rods (198') to the Southwest corner of the Southeast quarter of said Section 16, marked by a stake; thence North 80 rods (1320'); thence East 80 rods (1320'); thence North 27 rods and 19 links (458.04') to the center of the Farmers Irrigation Company ditch; thence Northeasterly following the center of said ditch 40 rods (660'); thence North 70° East along wagon road to an iron rod driven in center of said road at place of beginning. EXCEPTING that portion thereof lying between a line marking the high water mark on the South bank of Hood River, and a line 100 feet back of the high water mark on the North bank of said stream and parallel with the same, including the stream known as "Hood River" within said limits.

SYMBOL LEGEND:

- FOUND MONUMENT - SEE CORNER NOTES.
- CALCULATED CORNER, NOT FOUND OR SET.
- (25.00') DEED DISTANCE OR PREVIOUS SURVEY DISTANCE AS NOTED.

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

[Signature]
 OREGON
 JANUARY 15, 2002
 BRADLEY J. CROSS
 60051

RENEWS: 12/31/2015

PROJECT NUMBER: 2009018.
 DATE OF DRAWING: NOVEMBER 10, 2014.
 HOOD RIVER COUNTY ASSESSORS MAP: 02N-10E-16D.

**COLUMBIA RIVER
 SURVEYING
 & MAPPING**

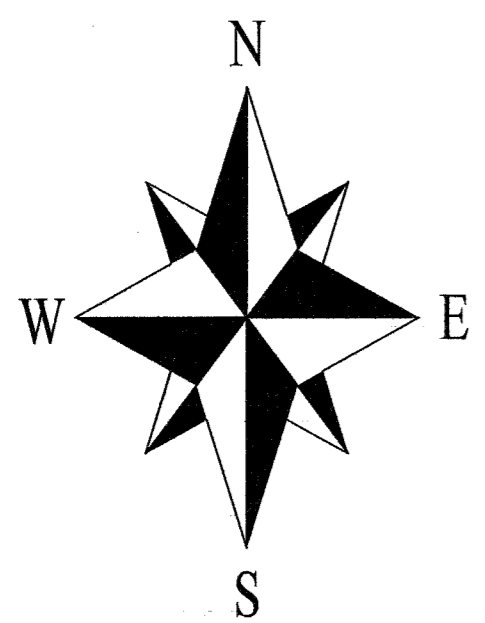
1767 12th STREET, #191
 HOOD RIVER, OREGON, 97031
 PHONE: 541-386-9002
 EMAIL: INFO@COLUMBIASURVEYING.COM

RECEIVED NOV 13 2014

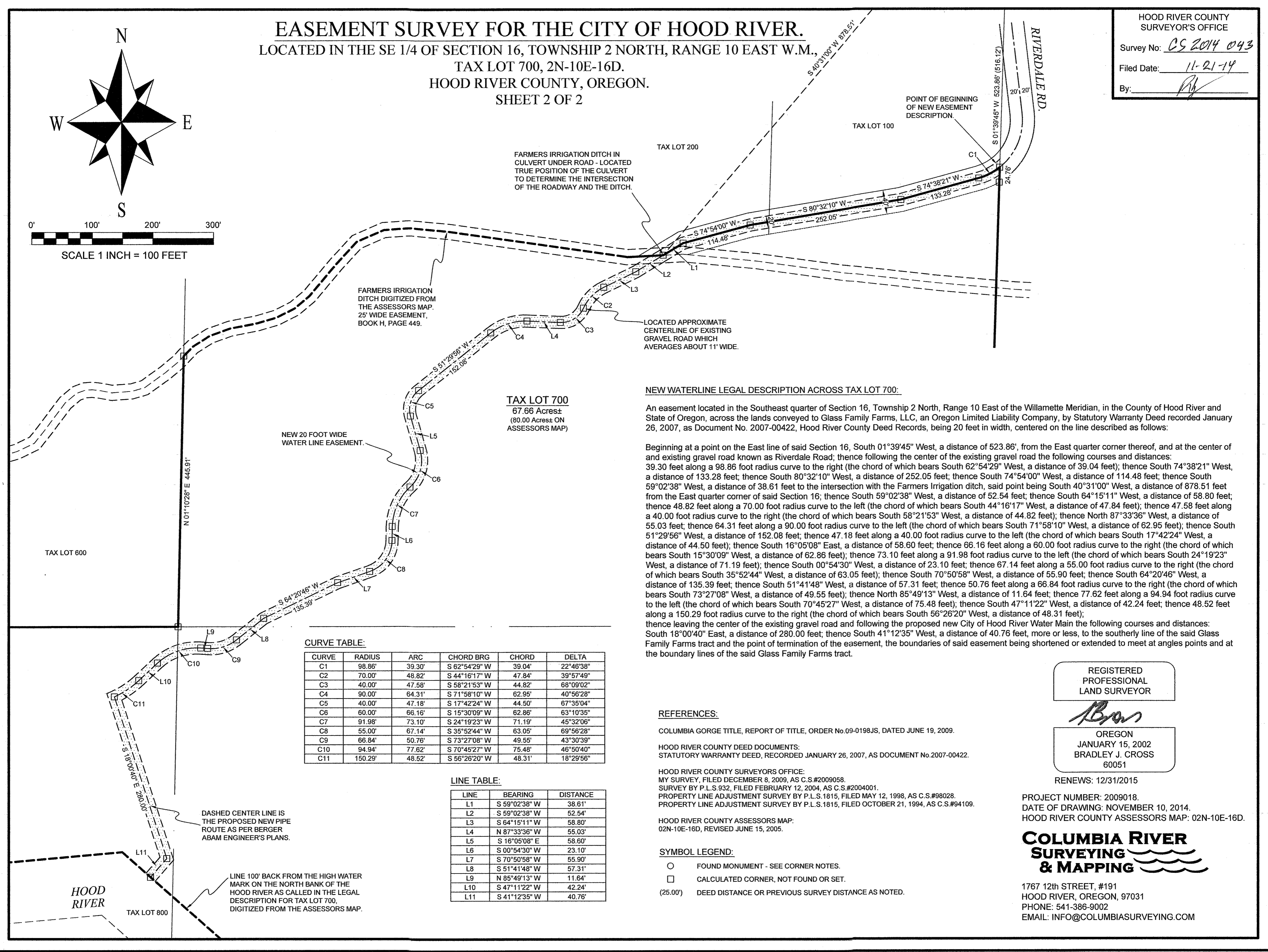
CS 2014 043-1

EASEMENT SURVEY FOR THE CITY OF HOOD RIVER.
 LOCATED IN THE SE 1/4 OF SECTION 16, TOWNSHIP 2 NORTH, RANGE 10 EAST W.M.,
 TAX LOT 700, 2N-10E-16D.
 HOOD RIVER COUNTY, OREGON.
 SHEET 2 OF 2

HOOD RIVER COUNTY
 SURVEYOR'S OFFICE
 Survey No: CS 2014 043
 Filed Date: 11-21-14
 By: [Signature]



0' 100' 200' 300'
 SCALE 1 INCH = 100 FEET



FARMERS IRRIGATION DITCH IN CULVERT UNDER ROAD - LOCATED TRUE POSITION OF THE CULVERT TO DETERMINE THE INTERSECTION OF THE ROADWAY AND THE DITCH.

FARMERS IRRIGATION DITCH DIGITIZED FROM THE ASSESSORS MAP. 25' WIDE EASEMENT, BOOK H, PAGE 449.

LOCATED APPROXIMATE CENTERLINE OF EXISTING GRAVEL ROAD WHICH AVERAGES ABOUT 11' WIDE.

TAX LOT 700
 67.66 Acres±
 (80.00 Acres± ON ASSESSORS MAP)

NEW 20 FOOT WIDE WATER LINE EASEMENT.

NEW WATERLINE LEGAL DESCRIPTION ACROSS TAX LOT 700:

An easement located in the Southeast quarter of Section 16, Township 2 North, Range 10 East of the Willamette Meridian, in the County of Hood River and State of Oregon, across the lands conveyed to Glass Family Farms, L.L.C., an Oregon Limited Liability Company, by Statutory Warranty Deed recorded January 26, 2007, as Document No. 2007-00422, Hood River County Deed Records, being 20 feet in width, centered on the line described as follows:

Beginning at a point on the East line of said Section 16, South 01°39'45" West, a distance of 523.86', from the East quarter corner thereof, and at the center of and existing gravel road known as Riverdale Road; then following the center of the existing gravel road the following courses and distances: 39.30 feet along a 98.86 foot radius curve to the right (the chord of which bears South 62°54'29" West, a distance of 39.04 feet); then South 74°38'21" West, a distance of 133.28 feet; then South 80°32'10" West, a distance of 252.05 feet; then South 74°54'00" West, a distance of 114.48 feet; then South 59°02'38" West, a distance of 38.61 feet to the intersection with the Farmers Irrigation ditch, said point being South 40°31'00" West, a distance of 878.51 feet from the East quarter corner of said Section 16; then South 59°02'38" West, a distance of 52.54 feet; then South 64°15'11" West, a distance of 58.80 feet; then 48.82 feet along a 70.00 foot radius curve to the left (the chord of which bears South 44°16'17" West, a distance of 47.84 feet); then 47.58 feet along a 40.00 foot radius curve to the right (the chord of which bears South 58°21'53" West, a distance of 44.82 feet); then North 87°33'36" West, a distance of 55.03 feet; then 64.31 feet along a 90.00 foot radius curve to the left (the chord of which bears South 71°58'10" West, a distance of 62.95 feet); then South 51°29'56" West, a distance of 152.08 feet; then 47.18 feet along a 40.00 foot radius curve to the left (the chord of which bears South 17°42'24" West, a distance of 44.50 feet); then South 16°05'08" East, a distance of 58.60 feet; then 66.16 feet along a 60.00 foot radius curve to the right (the chord of which bears South 15°30'09" West, a distance of 62.86 feet); then 73.10 feet along a 91.98 foot radius curve to the left (the chord of which bears South 24°19'23" West, a distance of 71.19 feet); then South 00°54'30" West, a distance of 23.10 feet; then 67.14 feet along a 55.00 foot radius curve to the right (the chord of which bears South 35°52'44" West, a distance of 63.05 feet); then South 70°50'58" West, a distance of 55.90 feet; then South 64°20'46" West, a distance of 135.39 feet; then South 51°41'48" West, a distance of 57.31 feet; then 50.76 feet along a 66.84 foot radius curve to the right (the chord of which bears South 73°27'08" West, a distance of 49.55 feet); then North 85°49'13" West, a distance of 11.64 feet; then 77.62 feet along a 94.94 foot radius curve to the left (the chord of which bears South 70°45'27" West, a distance of 75.48 feet); then South 47°11'22" West, a distance of 42.24 feet; then 48.52 feet along a 150.29 foot radius curve to the right (the chord of which bears South 56°26'20" West, a distance of 48.31 feet); then leaving the center of the existing gravel road and following the proposed new City of Hood River Water Main the following courses and distances: South 18°00'40" East, a distance of 280.00 feet; then South 41°12'35" West, a distance of 40.76 feet, more or less, to the southerly line of the said Glass Family Farms tract and the point of termination of the easement, the boundaries of said easement being shortened or extended to meet at angles points and at the boundary lines of the said Glass Family Farms tract.

CURVE TABLE:

CURVE	RADIUS	ARC	CHORD BRG	CHORD	DELTA
C1	98.86'	39.30'	S 62°54'29" W	39.04'	22°46'38"
C2	70.00'	48.82'	S 44°16'17" W	47.84'	39°57'49"
C3	40.00'	47.58'	S 58°21'53" W	44.82'	68°09'02"
C4	90.00'	64.31'	S 71°58'10" W	62.95'	40°56'28"
C5	40.00'	47.18'	S 17°42'24" W	44.50'	67°35'04"
C6	60.00'	66.16'	S 15°30'09" W	62.86'	63°10'35"
C7	91.98'	73.10'	S 24°19'23" W	71.19'	45°32'06"
C8	55.00'	67.14'	S 35°52'44" W	63.05'	69°56'28"
C9	66.84'	50.76'	S 73°27'08" W	49.55'	43°30'39"
C10	94.94'	77.62'	S 70°45'27" W	75.48'	46°50'40"
C11	150.29'	48.52'	S 56°26'20" W	48.31'	18°29'56"

LINE TABLE:

LINE	BEARING	DISTANCE
L1	S 59°02'38" W	38.61'
L2	S 59°02'38" W	52.54'
L3	S 64°15'11" W	58.80'
L4	N 87°33'36" W	55.03'
L5	S 16°05'08" E	58.60'
L6	S 00°54'30" W	23.10'
L7	S 70°50'58" W	55.90'
L8	S 51°41'48" W	57.31'
L9	N 85°49'13" W	11.64'
L10	S 47°11'22" W	42.24'
L11	S 41°12'35" W	40.76'

REFERENCES:

- COLUMBIA GORGE TITLE, REPORT OF TITLE, ORDER No.09-0198JS, DATED JUNE 19, 2009.
- HOOD RIVER COUNTY DEED DOCUMENTS: STATUTORY WARRANTY DEED, RECORDED JANUARY 26, 2007, AS DOCUMENT No.2007-00422.
- HOOD RIVER COUNTY SURVEYORS OFFICE: MY SURVEY, FILED DECEMBER 8, 2009, AS C.S.#2009058. SURVEY BY P.L.S.932, FILED FEBRUARY 12, 2004, AS C.S.#2004001. PROPERTY LINE ADJUSTMENT SURVEY BY P.L.S.1815, FILED MAY 12, 1998, AS C.S.#98028. PROPERTY LINE ADJUSTMENT SURVEY BY P.L.S.1815, FILED OCTOBER 21, 1994, AS C.S.#94109.
- HOOD RIVER COUNTY ASSESSORS MAP: 02N-10E-16D, REVISED JUNE 15, 2005.

SYMBOL LEGEND:

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REGISTERED PROFESSIONAL LAND SURVEYOR

[Signature]
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RENEWS: 12/31/2015

PROJECT NUMBER: 2009018.
 DATE OF DRAWING: NOVEMBER 10, 2014.
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 EMAIL: INFO@COLUMBIASURVEYING.COM

CS 2014 043-2