

SURVEY FOR: JUNIPER PROPERTIES LIMITED PARTNERSHIP  
ADDRESS: P.O. BOX 1127 ROSEBURG, OR. 97470  
SURVEY FOR: GOSHEN FOREST PRODUCTS LLC  
ADDRESS: 34047 HAMPTON RD. EUGENE, OR. 97405  
SURVEY BY: LONE ROCK TIMBER MANAGEMENT COMPANY  
P.O. BOX 1127 ROSEBURG, OR. 97470  
WEST 1/2 OF SECTION 16, WEST 1/2 OF SECTION 9, AND  
NORTHWEST 1/4 OF SECTION 21, RANGE 4 WEST, TOWNSHIP 23  
SOUTH, W.M.  
TRACT: J230408 DATE: NOV. 2016

NARRATIVE:

THE PURPOSE OF THIS SURVEY IS TO CREATE A BOUNDARY LINE DESCRIPTION FROM THE NORTHWEST CORNER OF SECTION 16 SOUTHERLY 341.04 FEET AND EASTERLY FOR 753.46 FEET TO THE WEST RIGHT OF WAY BOUNDARY OF ELKHEAD COUNTY ROAD #7 FOR AN EVENTUAL BOUNDARY LINE ADJUSTMENT BETWEEN JUNIPER PROPERTIES AND GOSHEN FOREST PRODUCTS. JUNIPER PROPERTIES OWNS THE SOUTHEAST QUARTER OF SECTION 8 AND DESIRES TO ACQUIRE THAT PORTION OF THE GOSHEN FOREST PRODUCTS PROPERTY IN SW 1/4 SW 1/4 OF SECTION 9 AND THAT PORTION OF THE NW 1/4 NW 1/4 OF SECTION 16 NORTH OF THE BOUNDARY LINE DESCRIBED ON THIS MAP. ALL LYING WESTERLY OF THE ELKHEAD COUNTY ROAD #7 RIGHT OF WAY. WE INITIATED THIS SURVEY AT THE SOUTHWEST CORNER OF SECTION 16 AND RAN RANDOM CLOSED LOOP TRAVERSES ALONG THE BOUNDARY LINE FOR WHICH WE SET MONUMENTS AS SHOWN ON THIS MAP TO THE NORTHWEST CORNER OF SECTION 16. WE ALSO ESTABLISHED GPS CONTROL POINTS WITH OUR CONVENTIONAL SURVEY TRAVERSES TO TIE IN THE NORTHWEST CORNER OF SECTION 9. ALL THREE OF THE CORNER MONUMENTS WE FOUND AND TIED INTO FOR CONTROL OF THIS SURVEY WERE PERPETUATED FROM ORIGINAL EVIDENCE. IN THE 1990S THE ELKHEAD COUNTY ROAD #7 RIGHT OF WAY WAS EXPANDED WESTERLY OF THE EXISTING ELKHEAD COUNTY ROAD FOR ROAD RELOCATION FOR AN ANTICIPATED DAM PROJECT THAT WAS EVENTUALLY ABANDONED. THE NEW ELKHEAD ROAD RELOCATION WORK DID NOT OCCUR AND THE NEW COUNTY ROAD RIGHT OF WAY BOUNDARY WAS NOT MONUMENTED BUT A FENCE LINE WAS BUILT BY THE COUNTY CLOSE TO THE EXPANDED RIGHT OF WAY BOUNDARY. THE RIGHT OF WAY DEED BOUNDARY IS DESCRIBED FROM OFFSETS FROM COMPUTED ROAD CENTERLINE METES AND BOUNDS BETWEEN THE NORTHWEST CORNER OF SECTION 9 AND THE SOUTHWEST CORNER OF SECTION 16 BASED ON STATE PLANE COORDINATE SYSTEM. WE COMPUTED FOR MAPPING THE RIGHT OF WAY BOUNDARY DESCRIPTION ROTATING THE DEED STATE PLANE BEARINGS TO TRUE BEARINGS FROM BLM RECORD BETWEEN THE WEST QUARTER CORNER AND THE NORTHWEST CORNER OF SECTION 16. WE SET CORNER (3) ON THE WEST LINE OF SECTION 16 AND CORNER (9) ON THE COMPUTED WEST LINE OF COUNTY ROAD #7 RIGHT-OF-WAY BOUNDARY. THIS SURVEY WAS DONE WITH A GEOMAX ZIP 20 TOTAL STATION AND TRIMBLE 6000 XH CENTIMETER GRADE GPS UNITS WITH GARY ANGIOLET, DAN SAILY, KATHERINE NICHOLS, AND IGNACIO ROMAN ASSISTING ME.

CORNER NOTES

- (1) THE SECTION CORNER BETWEEN SECTIONS 8, 9, 16, AND 17, GCDB 300500. FOUND 1958 DOUGLAS COUNTY SURVEYOR BRASS CAP.  
--8" DF BEARS N30°E, 33.9 FT (RECORD N30 1/4"E, 34.0 FT), HEALED FACE AND TAG.  
--36" DF BEARS N19°W, 48.1 FT (RECORD N20 1/2"W, 47.8 FT), HEALED FACE AND TAG.  
--25" DF BEARS S76 1/2"W, 22.4 FT (RECORD S77°W, 22.4 FT), HEALED FACE AND TAG.  
--12" DF BEARS S64°E, 55.4 FT (RECORD S64 1/2"E, 55.0 FT), HEALED FACE AND TAG.  
CORNER IS 1.5 FT TALL AND LIES IN AN EXISTING FENCE LINE.
- (2) QUARTER CORNER BETWEEN SECTIONS 17 AND 16, GCDB 300440. FOUND 1976 BLM BRASS CAP.  
--23" FIR BEARS N40°W, 13.6 FT (RECORD N40 1/2"W, 13.5 FT), HEALED FACE AND TAG.  
--12" FIR BEARS N54 1/4"E, 41.2 FT (RECORD N54 1/4"E, 41.2 FT), HEALED FACE AND TAG.
- (3) SET 5/8" X 40" IRON ROD WITH YELLOW PLASTIC CAP MARKED LONE ROCK TIMBER PLS 2291.  
--15" DF BEARS N62°W, 26.9 FT, WE TAG AND SCRIBE BT  
--U-POST BEARS APPROX NORTH, 0.2 FT  
IRON ROD LIES EAST OF FENCE LINE 8.5 FT.
- (4) SET 5/8" X 40" IRON ROD WITH YELLOW PLASTIC CAP MARKED LONE ROCK TIMBER PLS 2291.  
--22" GRAND FIR BEARS N35 1/2"E, 19.4 FT, WE TAG AND SCRIBE BT  
--U-POST BEARS APPROX NORTH, 0.2 FT
- (5) SET 5/8" X 40" IRON ROD 0.3 FT ABOVE GROUND WITH YELLOW PLASTIC CAP MARKED LONE ROCK TIMBER PLS 2291.  
--ROUND GATE POST BEARS S22°E, 21.2 FT, WE TAG  
--U-POST BEARS APPROX NORTH, 0.2 FT  
IRON ROD LIES NORTH 5.0 FT OF EDGE OF ROAD.
- (6) SET 5/8" X 40" IRON ROD WITH YELLOW PLASTIC CAP MARKED LONE ROCK TIMBER PLS 2291.  
--24" DF BEARS S27°W, 56.9 FT, WE TAG AND SCRIBE BT  
--U-POST BEARS APPROX NORTH, 0.2 FT  
IRON ROD LIES 11.0 FT NORTH OF EDGE OF ROAD.
- (7) SET 5/8" X 40" IRON ROD WITH YELLOW PLASTIC CAP MARKED LONE ROCK TIMBER PLS 2291.  
--10" DF BEARS N84°W, 19.9 FT, WE TAG AND SCRIBE BT  
--U-POST BEARS APPROX NORTH, 0.2 FT  
IRON ROD LIES N45°W, 12.0 FT FROM EDGE OF ROAD.
- (8) SET 5/8" X 40" IRON ROD WITH YELLOW PLASTIC CAP MARKED LONE ROCK TIMBER PLS 2291.  
--U-POST BEARS APPROX NORTH, 0.2 FT  
IRON ROD LIES WEST 3.0 FT FROM EDGE OF ROAD.
- (9) SET 5/8" X 40" IRON ROD WITH YELLOW PLASTIC CAP MARKED LONE ROCK TIMBER PLS 2291.  
--U-POST BEARS APPROX NORTH, 0.2 FT  
IRON ROD LIES EASTERLY, 1.4' FT FROM NORTH-SOUTH FENCELINE AND NORTHEASTERLY, 1.5 FT FROM FENCE POST IN FENCELINE
- (10) THE SECTION CORNER BETWEEN SECTIONS 4, 5, 8, AND 9, GCDB 300600 FOUND 1958 DOUGLAS COUNTY SURVEYOR BRASS CAP.  
--30" NOW 32" OAK BEARS S19°E, 89.5 FT ((S18 3/4"E, 89.5 FT)), NO VISIBLE MARKS, 1944 GLO TAG, AND 1965 BLM TAG AND NAIL IN FACE AND SIDE OF TREE.  
--21" OAK BEARS S34°W, 53.6 FT ((S34 3/4"W, 53.6 FT)), NO VISIBLE MARKS.  
--15" NOW 16.5" OAK BEARS N13°W, 68.9 FT ((N12 1/4"W, 68.9 FT)), NO VISIBLE MARKS AND 1965 BLM TAG AND NAIL IN FACE AND SIDE OF TREE.  
--27" NOW 28" OAK BEARS N50°E, 38.0 FT ((N50 3/4"E, 38.0 FT)), NO VISIBLE MARKS, WE TAG.  
CORNER LIES 1.2 FT ABOVE GROUND ON A GENTLE WEST SLOPE.

Date: 1-3-2017 By: JC  
Map: M172-80  
Narrative:  
Corner Rpt:

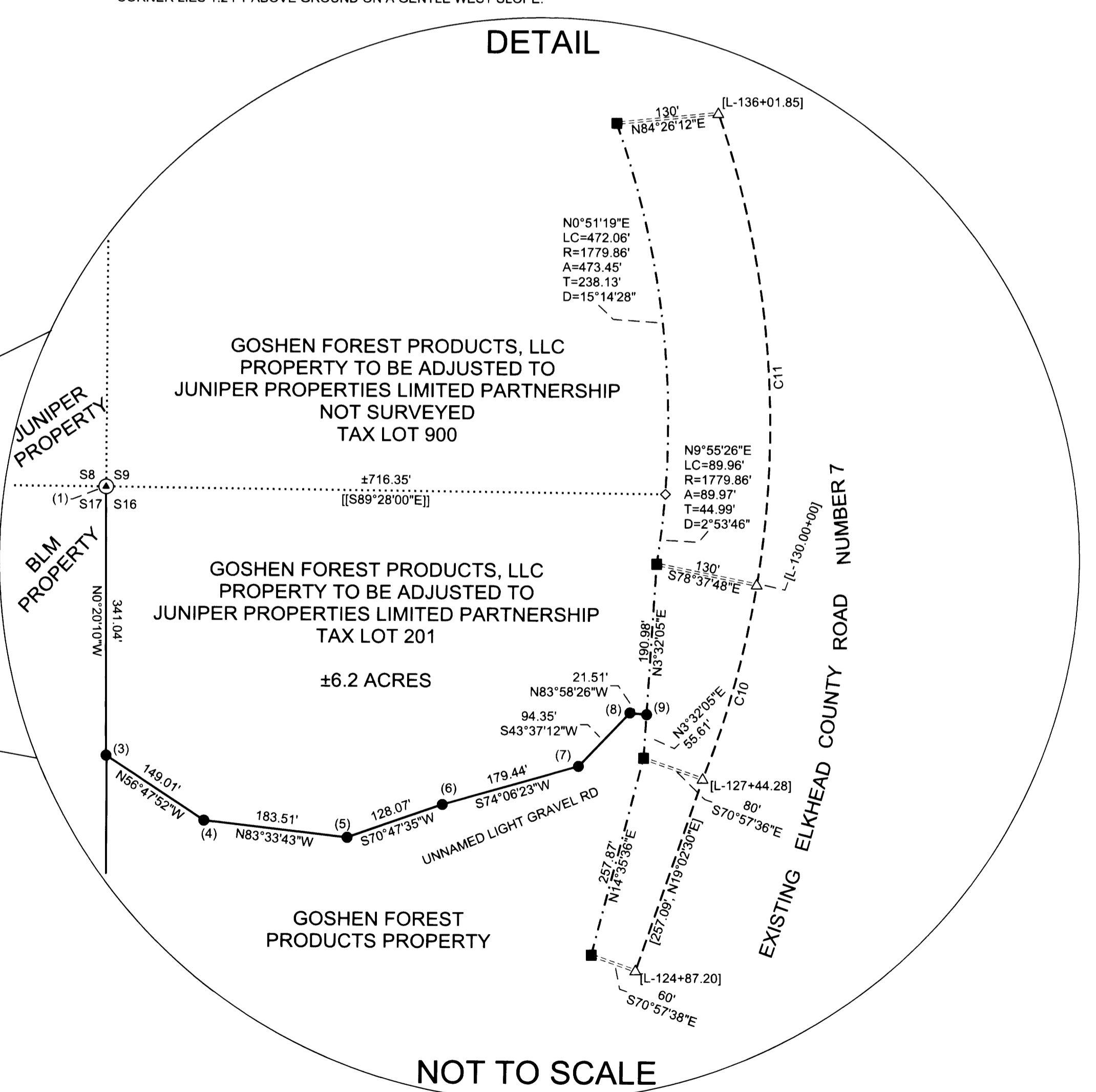
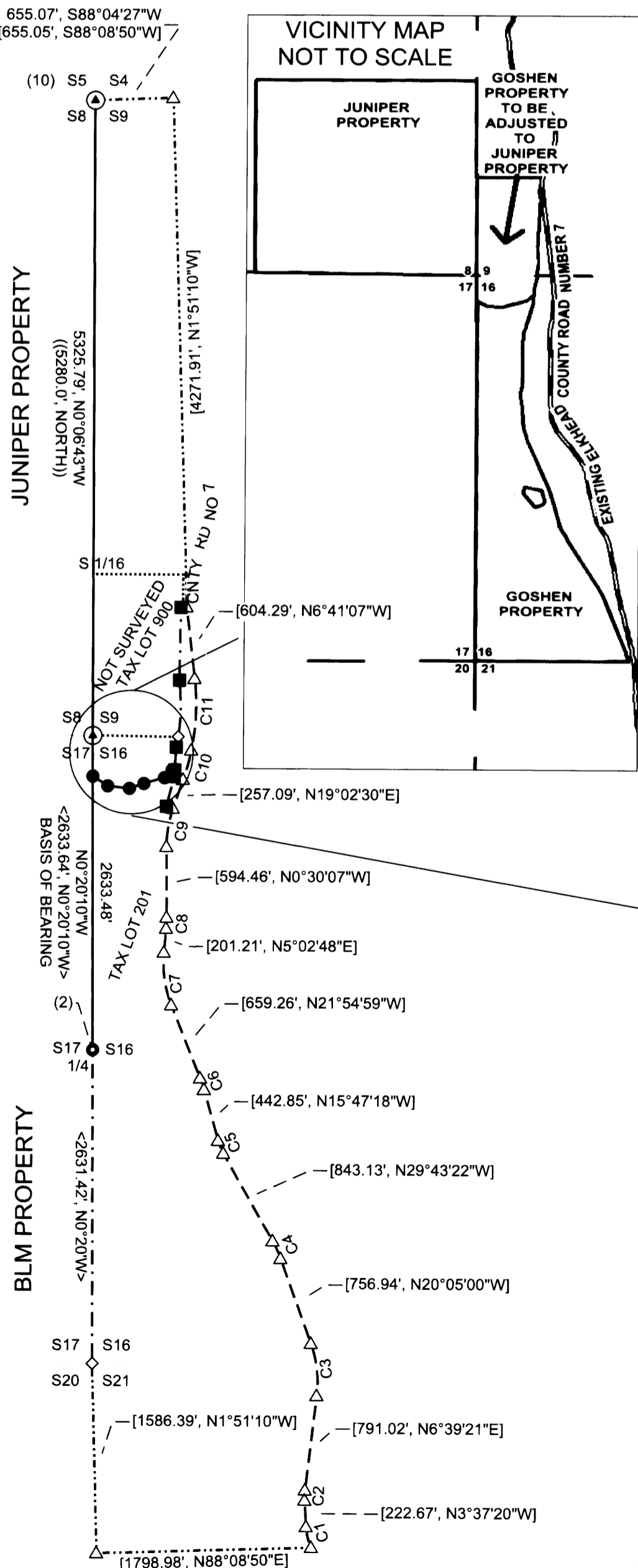
DOUGLAS COUNTY SURVEYOR

LEGEND

- △ ROAD CENTERLINE COMPUTED FROM DEED, INST. NO. 1991-12392
- ◇ COMPUTED CORNER POINT
- RIGHT OF WAY OFFSETS, INST. NO. 1991-12392
- 5/8" IRON ROD SET
- FOUND BLM BRASS CAP
- ⊙ FOUND COUNTY BRASS CAP
- DEED TIE TO SECTION CORNER
- - - - - COMPUTED FROM BLM LINE NOTES VOL. 55, PG 21537-59
- - - - - PROPOSED COUNTY ROAD RELOCATION CENTERLINE COMPUTED FROM DEED, INST. NO. 1991-12392
- - - - - PROPOSED RELOCATED COUNTY ROAD RIGHT OF WAY COMPUTED FROM DEED, INST. NO. 1991-12392
- SURVEY LINE
- ..... NOT SURVEYED
- EXISTING COUNTY ROAD #7
- ===== RIGHT OF WAY OFFSET DISTANCES, BOOK 1147, PG 294
- [ ] ROTATED FROM RECORD BEARING AND DISTANCE FROM DEED, INST. NO. 1991-12392
- <> BLM LINE NOTES VOL. 55, PG 21537-59
- { } BLM FIELD NOTES, DCSO RECORD VOL. 55, PG 21543
- ( ) BLM FIELD NOTES, DCSO RECORD VOL. 55, PG 21542-3
- { } BLM FIELD NOTES, DCSO RECORD VOL. 54, PG 20865-6
- (( )) GLO LINE NOTES, DSCO PG. 2282
- [ ] GLO LINE NOTES

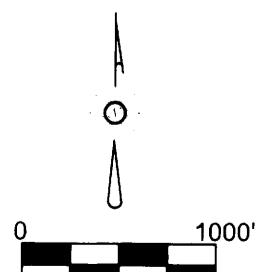
ROTATED FROM RECORD BEARING AND DISTANCE FROM DEED, INST. NO. 1991-12392

CURVE	BEARING	HORIZ DIST	RADIUS	ARC	DELTA	TANGENT
C1	N14°22'00"W	178.02'	477.46'	179.07'	21°29'19"	90.60'
C2	N1°31'00"E	85.54'	477.46'	85.65'	10°16'41"	42.94'
C3	N6°42'49"W	441.62'	954.93'	445.65'	26°44'20"	226.96'
C4	N24°54'11"W	160.47'	954.93'	160.66'	9°38'23"	80.52'
C5	N22°45'20"W	115.83'	477.46'	116.12'	13°56'04"	58.35'
C6	N18°51'08"W	102.08'	954.93'	102.13'	6°07'40"	51.11'
C7	N8°26'05"W	445.24'	954.93'	449.38'	26°57'46"	228.93'
C8	N2°16'21"E	92.44'	954.93'	92.48'	5°32'56"	46.28'
C9	N9°16'11"E	324.15'	954.93'	325.73'	19°32'38"	164.46'
C10	N15°12'21"E	255.53'	1909.86'	255.72'	7°40'18"	128.05'
C11	N2°20'32"E	599.35'	1909.86'	601.84'	18°03'19"	303.44'



REGISTERED PROFESSIONAL LAND SURVEYOR

*Ken W. Hoffine*  
OREGON  
JULY 18, 1987  
KEN W. HOFFINE  
PLS 2291  
EXPIRES: 6/30/2017



BASIS OF BEARING BLM PLAT 7309