

RECORD OF SURVEY

LOCATED IN THE S 1/2 OF SECTION 16, T.25S., R.7W., W.M. DOUGLAS COUNTY, OREGON

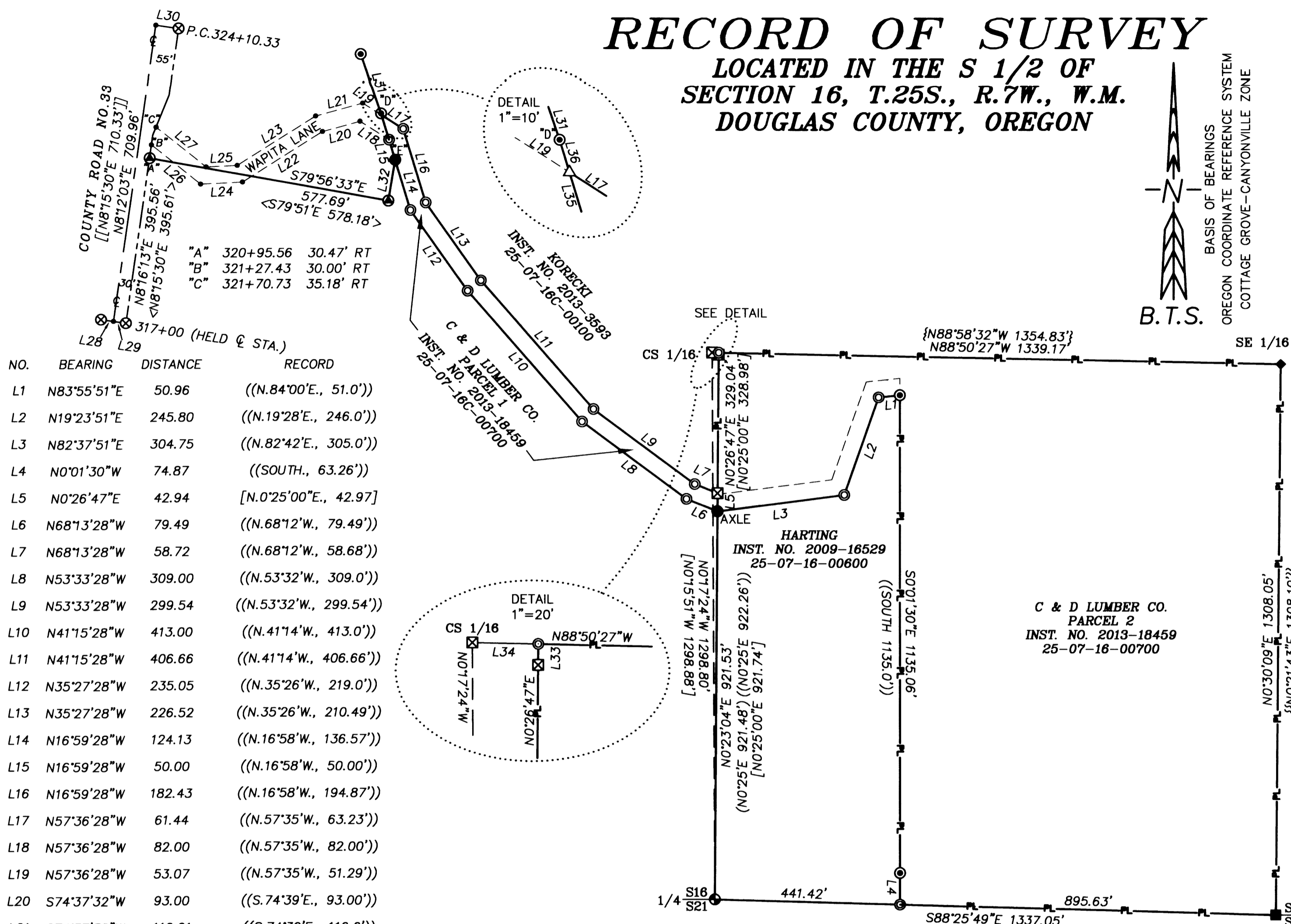
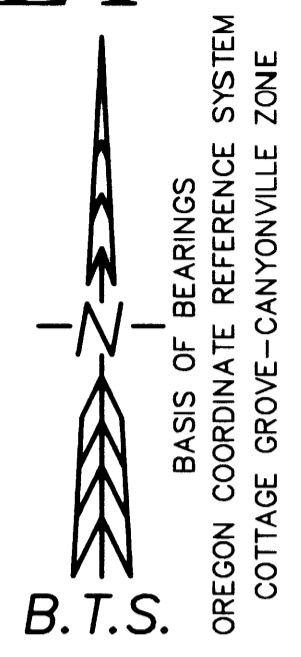
FILED

Date: 3/24/2014 By: *KW*
 This Survey Consists of:
 Map: M 167-4A
 Narrative: _____
 Corner Rpt.: _____
 DOUGLAS COUNTY SURVEYOR

NARRATIVE:

THE PURPOSE OF THIS SURVEY IS MONUMENT THE CORNERS OF PARCEL 1 (25-07-16C-00700) AND TO MONUMENT THE CORNERS AND POST THE BOUNDARY LINES OF PARCEL 2 (25-07-16-00700) OF THE C & D LUMBER CO. PROPERTY DESCRIBED INSTRUMENT NO. 2013-18459. THE USBLM BRASS CAP AT 1/4 S16/S21, THE CS 1/16 CORNER PER M 109-3, THE SE 1/16 CORNER PER M 112-43 AND THE E 1/16 S16/S21 PER M 133-76 CONTROLLED THE BOUNDARY LINES OF THE SW 1/4 SE 1/4 OF SECTION 16. THE HARTING PROPERTY (25-07-16-00600) PER INSTRUMENT NO. 2009-16529 IS CALLED AS AN EXCEPTION AND IS SENIOR TO THE C & D PROPERTY PER INSTRUMENT NO. 2013-18459. THE COURSES ALONG HARTING'S NORTH LINE WERE SCALED AND ROTATED BETWEEN THE M 40-57 AXLE AND THE 5/8" IRON ROD PER RM 2-67 AT THE NE CORNER OF THE HARTING PROPERTY. HARTING'S EAST LINE WAS CONTROLLED BY MONUMENTS PER RM 2-67 WITH THE SE CORNER SET ON THE SOUTH LINE OF SECTION 16. I FOUND A TITLE CONFLICT ALONG THE WEST LINE OF THE SW 1/4 SE 1/4 CREATED BY ROGERS SURVEYS, M 40-57 AND RM 2-67, AND THE QUARTER SECTION LINE ESTABLISHED BY LANG PER M 109-3. E.H. BRANTON WAS IN TITLE TO THE SW 1/4 SE 1/4 AND ALSO THE MOST OR ALL OF THE SW 1/4 OF SECTION 16 AND DEEDED PARCELS TO THE LINES SURVEYED BY ROGERS PER M 40-57 AND RM 2-67. I ACCEPT THOSE DEEDS AS BEING SENIOR TO C & D'S INSTRUMENT NO. 2013-18459 WHICH CALLS THE SW 1/4 SE 1/4 LESS AND EXCEPTING THE HARTING DEED, INSTRUMENT NO. 2009-16529 AND THEREFORE, WOULD LEAVE A TRIANGULAR PARCEL BETWEEN THE WEST LINE PER M 109-3 AND THE WEST LINE PER RM 2-67. I ACCEPTED LANG'S M 109-3 SURVEY FOR KORECKI AND MONUMENTED THE NW CORNER OF THE C & D PROPERTY AT THE INTERSECTION OF THE RM 2-67 LINE AND THE NORTH LINE OF THE SW 1/4 SE 1/4 PER M 109-3 & M 112-43 MONUMENTS. I FOUND AN APPROXIMATE 5 FOOT RM 2-67 ERROR OF CLOSURE BETWEEN THE AXLE AND MONUMENT "E" PER M 40-57. I THEN ROTATED THE RM 2-67 COURSES BETWEEN THE AXLE AND MONUMENT "E" TO MATCH THE LINE "D - E" BEARING, HOLDING RM 2-67 ANGLES AND RM 2-67 DISTANCES FOR COURSES L6, L7, L8, L9, L10 AND L11 WITH THE ERROR BEING RESOLVED INTO COURSES L12, L13, L14 AND L16. THE WAPITI LANE 40 FOOT EASEMENT WAS ROTATED TO MATCH LINE "D - E" WITH RECORD RM 2-67 ANGLES AND DISTANCES HELD AND THE L26 AND L27 DISTANCE SHORTENED TO INTERSECT THE EASTERLY TYEE COUNTY ROAD NO 33 RIGHT OF WAY LINE. RIGHT OF WAY MONUMENTS AT STATION 317+00 AND 324+10.33 WERE HELD TO COMPUTE ROAD CENTERLINE.

A STATIC GPS SURVEY WAS PERFORMED WITH LEICA 1200 GPS RECEIVERS AND UTILIZING THE OREGON REAL TIME GPS NETWORK (ORGN) CORS STATIONS. THE GPS BASELINES OBSERVED TO PROJECT CONTROL POINTS WERE PROCESSED AND ADJUSTED WITH LEICA GEO OFFICE. THE RESULTANT GEODETIC COORDINATES WERE THEN PROJECTED ONTO THE OCRS COTTAGE GROVE-CANYONVILLE ZONE. CONVENTIONAL TRAVERSES WERE RUN WITH A LEICA TCRP1203 TOTAL STATION, AND ADJUSTED IN LEICA GEO OFFICE BY THE METHOD OF LEAST SQUARES. FIELD WORK, OFFICE COMPUTATIONS, AND DRAFTING WERE PERFORMED BY KRIS & ADAM DEGROOT.



NO.	BEARING	DISTANCE	RECORD
L1	N83°55'51"E	50.96	((N.84°00'E., 51.0'))
L2	N19°23'51"E	245.80	((N.19°28'E., 246.0'))
L3	N82°37'51"E	304.75	((N.82°42'E., 305.0'))
L4	N0°01'30"W	74.87	((SOUTH., 63.26'))
L5	N0°26'47"E	42.94	[N.0°25'00"E., 42.97]
L6	N68°13'28"W	79.49	((N.68°12'W., 79.49'))
L7	N68°13'28"W	58.72	((N.68°12'W., 58.68'))
L8	N53°33'28"W	309.00	((N.53°32'W., 309.0'))
L9	N53°33'28"W	299.54	((N.53°32'W., 299.54'))
L10	N41°15'28"W	413.00	((N.41°14'W., 413.0'))
L11	N41°15'28"W	406.66	((N.41°14'W., 406.66'))
L12	N35°27'28"W	235.05	((N.35°26'W., 219.0'))
L13	N35°27'28"W	226.52	((N.35°26'W., 210.49'))
L14	N16°59'28"W	124.13	((N.16°58'W., 136.57'))
L15	N16°59'28"W	50.00	((N.16°58'W., 50.00'))
L16	N16°59'28"W	182.43	((N.16°58'W., 194.87'))
L17	N57°36'28"W	61.44	((N.57°35'W., 63.23'))
L18	N57°36'28"W	82.00	((N.57°35'W., 82.00'))
L19	N57°36'28"W	53.07	((N.57°35'W., 51.29'))
L20	S74°37'32"W	93.00	((S.74°39'E., 93.00'))
L21	S74°37'32"W	116.61	((S.74°39'E., 116.6'))
L22	S57°51'32"W	225.00	((S.57°53'W., 225.0'))
L23	S57°51'32"W	220.39	((S.57°53'W., 220.39'))
L24	S87°16'32"W	100.00	((N.87°18'E., 100.0'))
L25	S87°16'32"W	74.45	((N.87°18'E., 74.45'))
L26	N51°29'28"W	149.84	((S.51°28'E., 147.57'))
L27	N51°29'28"W	152.17	((S.51°28'E., 150.04'))
L28	N81°48'29"W	29.99	[[S.81°44'30"E., 30.00]]
L29	N81°48'29"W	29.99	[[S.81°44'30"E., 30.00]]
L30	S81°47'57"E	55.00	[[S.81°44'30"E., 55.00]]
L31	S18°54'42"E	148.75	[S.18°50'32"E., 148.56]
L32	S9°40'14"W	97.95	(N.9°12'40"W., 97.95)
L33	N0°26'47"E	4.99	[N.0°25'00"E., 5.00]
L34	S88°50'27"E	15.70	[S.89°13'36"E., 15.44]
L35	S16°59'28"E	61.44	((N.16°58'W.,))
L36	N16°59'28"W	4.03	((N.16°58'W.,))

LEGEND:

- ⊙ = SET 5/8" x 30" IRON ROD w/PLASTIC CAP "BTS ENG-SURV"
- ⊗ = FOUND 3/4" IRON ROD PER 1963 PLANS TYEE CO. RD. NO. 33
- ⊕ = FOUND 5/8" IRON ROD PER CS 55/157-3
- = FOUND 3/4" IRON PIPE OR AS NOTED PER M 40-57
- ⊙ = FOUND 5/8" IRON ROD PER RM 2-67
- ⊗ = FOUND 5/8" IRON ROD PER M 109-3
- ◆ = FOUND 5/8" IRON ROD PER M 112-43
- = FOUND 5/8" IRON ROD PER M 133-76
- ⊕ = FOUND 1968 USBLM BCIP & ACCESSORIES PER PLSS ID #340400
- △ = COMPUTED POINT, NOT SET
- = COMPUTED EASEMENT POINT
- [[]] = RECORD PER 1963 PLANS TYEE CO. RD. NO. 33
- < > = RECORD PER CS 55/157-3
- () = RECORD PER M 40-57
- (()) = RECORD PER RM 2-67
- [] = RECORD PER M 109-3
- { } = RECORD PER M 112-43
- {{ }} = RECORD PER M 133-76

OREGON COORDINATE REFERENCE SYSTEM
 COTTAGE GROVE-CANYONVILLE ZONE (T.M.)
 REFERENCE DATUM: NAD 83 (2011) (EPOCH 2010.00)
 ELLIPSOID: GRS 1980
 LATITUDE OF GRID ORIGIN: 42°50'00"N.
 CENTRAL MERIDIAN: 123°20'00"W.
 FALSE NORTHING: 0.000 M.
 FALSE EASTING: 50,000.000 M.
 CENTRAL MERIDIAN SCALE: 1.000023 (EXACT)

ORGN CORS STATIONS:		
STATION	LATITUDE	LONGITUDE
RSBG	43°14'06.04984"N	123°21'33.72789"W
YONC	43°38'02.78725"N	123°17'53.82392"W
GCDB NO.		
LATITUDE	LONGITUDE	
340400	43°23'20.24791"N	
340420	43°23'33.07478"N	
360400	43°23'19.91788"N	
360420	43°23'32.83616"N	

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR
Kristian O. Degroot
 OREGON
 JULY 17, 1981
 KRISTIAN O. DEGROOT
 1941
 RENEWAL DATE: 12-31-2015

BTS ENGINEERING & SURVEYING, INC.

431 S.E. MAIN ST., ROSEBURG, OR 97470
 PHONE (541) 673-0966 FAX (541) 673-0105

SCALE: 1" = 200'	FOR: C & D LUMBER CO. PO BOX 27 RIDDLE, OR 97469	JOB #: 14-004 FILE: 14-004 WAPITI.DWG SHEET 1 OF 1
DATE: MARCH 13, 2014		

MAP FILE M 167-4A

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