

RECORD OF SURVEY

BOUNDARY LINE ADJUSTMENT

LOCATED IN THE
SE 1/4 OF SECTION 14 & NE 1/4 OF SECTION 23
T.26S., R.4W., W.M.
DOUGLAS COUNTY, OREGON

FILED
 Date: 9-18-2013 By: JC
 This survey consists of:
 Map: M165-66
 Narrative:
 Corner Rpt:

DOUGLAS COUNTY
 SURVEYOR

NARRATIVE:

THE PURPOSE OF THIS SURVEY IS TO ADJUST THE BOUNDARY LINES OF THE MITCHELL & BRADY PROPERTY AS APPROVED PER DOUGLAS COUNTY PLANNING DEPARTMENT FILE NO. M13-009. THE BOUNDARY LINES RETURNED UNDER THIS SURVEY ARE CONTROLLED BY MONUMENTS PER 1970-1975 SURVEYS BY DON E. GARRETT RECORDED AS: M 40-71, M 43-55, M 50-31, M51-36, M 53-34, M 55-63, M 58-74 AND ALSO BY PARTITION PLAT 2008-0019. THE MONUMENTS CONTROLLING UNIT 1 WERE TIED AND THE UNIT 1-UNIT 2 ADJUSTED BOUNDARY LINE WAS MONUMENTED. I COMPUTED THE EAST, WEST AND SOUTH LINES OF M 58-74 BY THE USBLM GRANT-BOUNDARY METHOD BETWEEN M 58-74 MONUMENTS "A" AND "B" AND THEN COMPUTED THE SOUTHWESTERLY AND SOUTH LINE OF UNIT 2 HOLDING THOSE M 58-74 COMPUTED POINTS. I FIND AN APPROXIMATE 3'-4' DISCREPANCY IN DISTANCE BETWEEN THE SOUTH LINE OF DLC NO. 43 AND THE SOUTH HWY 138 R/W LINE.

THIS SURVEY WAS PERFORMED BY LES FANNING AND ADAM DEGROOT USING A LEICA TCRP 1203 TOTAL STATION AND SYSTEM 1200 GPS RECEIVERS. ALL GPS AND TPS OBSERVATIONS WERE ADJUSTED BY LEAST SQUARES METHODS USING LEICA GEO OFFICE SOFTWARE BY ADAM DEGROOT WITH COMPUTATIONS AND DRAFTING BY KRIS DEGROOT.

NO.	BEARING	DISTANCE	RECORD
L1	S86°21'10"E	96.72	(S86°15'29"E 96.63')
L2	S86°35'54"E	103.60	(S86°15'29"E 103.91')
L3	N86°34'02"E	100.34	(N86°35'23"E 100.11')
L4	N88°57'46"E	104.22	
L5	S60°53'14"E	13.90	[S60°43'16"E 13.88']
L6	S60°12'26"E	35.37	[S60°43'16"E 35.38']
L7	S0°45'03"E	34.18	(N0°38'40"W 34.35')
L8	S61°43'59"E	22.90	(S61°29'34"E 22.98')
L9	N72°10'38"E	132.92	(S72°19'05"W 133.00')
L10	N69°54'22"E	55.18	(S70°22'49"W 55.21')
L11	N73°40'19"E	42.45	(S73°48'46"W 42.48')
L12	N73°00'20"E	108.13	(S73°08'47"W 108.20')
L13	N1°00'45"W	19.42	(N1°09'10"W 18.87')
L14	N89°18'32"W	53.00	[S89°39'33"E 53.06']
L15	N0°13'10"W	17.26	[N0°30'30"W 17.23']
L16	S89°56'30"W	97.75	
L17	S0°06'35"W	50.21	(S0°17'00"W)
L18	S74°10'25"E	16.87	(S74°00'00"E)
L19	N80°09'35"E	77.59	(N80°20'00"E)
L20	N72°33'35"E	142.62	(N72°44'00"E)
L21	S0°05'54"W	18.59	
L22	N89°54'06"W	82.85	(N89°43'41"W)
L23	N87°37'35"E	114.44	(N87°48'00"E)
L24	S72°33'35"W	110.80	(S72°44'00"E)
L25	S68°30'24"W	108.66	(S68°43'22"W)
L26	S69°17'07"W	98.76	(S69°24'44"W)
L27	N80°23'30"E	133.91	(S80°33'55"W)

BASIS OF BEARINGS
 GPS OBSERVATIONS
 B.T.S.

ADJUSTED UNIT 2
 16.36 AC. ±
 (ORIGINAL AREA 23.11 AC ±)

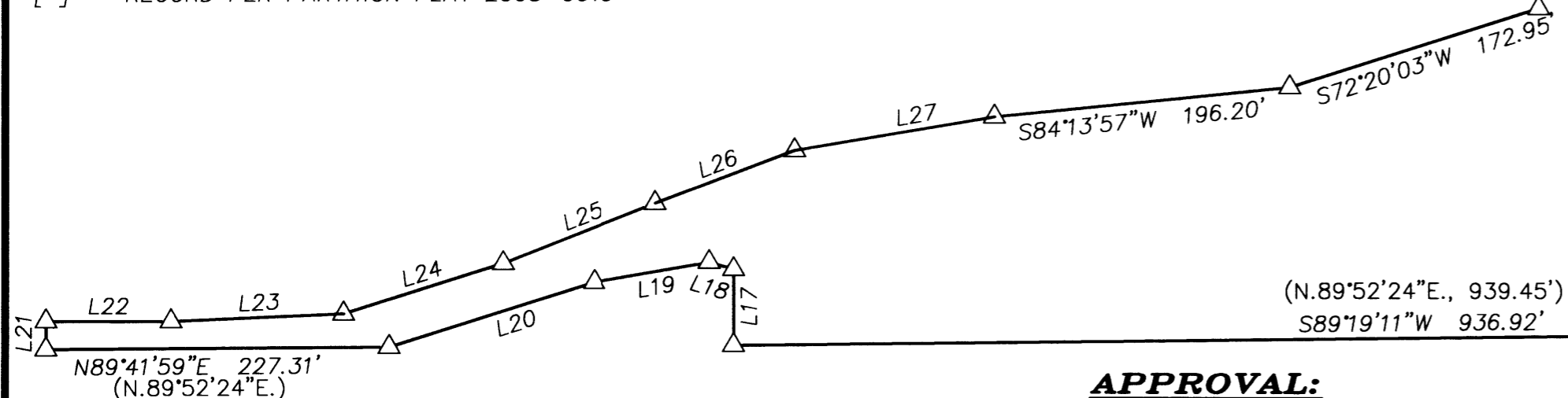
ADJUSTED UNIT 1
 16.36 AC. ±
 (ORIGINAL AREA 10.03 AC ±)

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

 OREGON
 JULY 17, 1981
 KRISTIAN O. DEGROOT
 1941
 RENEWAL DATE: 12-31-2013

LEGEND:

- ⊙ = SET 5/8" x 30" IRON ROD w/PLASTIC CAP "BTS ENG-SURV"
- = FOUND 5/8" IRON ROD PER M 50-31
- ⊙ = FOUND 5/8" IRON ROD PER M 51-36
- ⊙ = FOUND 5/8" IRON ROD PER M 53-34
- ⊙ = FOUND 5/8" IRON ROD PER M 55-63
- = FOUND 5/8" IRON ROD PER M 58-74
- ◆ = FOUND 5/8" IRON ROD PER 2008-0019
- ⊙ = FOUND 5/8" IRON ROD PER 1973 PLANS CO. RD. NO. 4
- = FOUND BCIP PER M 40-71
- △ = COMPUTED POINT NOT SET
- () = RECORD PER GARRETT M 40-71, M 43-55, M 50-31, M 51-36, M 53-34, M 55-63 OR M 58-74
- [] = RECORD PER PARTITION PLAT 2008-0019



APPROVAL:

DOUGLAS COUNTY PLANNING DIRECTOR
 PLANNING DEPARTMENT FILE NO. M13-009

9/18/13
 DATE

BTS

ENGINEERING & SURVEYING, INC.

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

SCALE: 1" = 100'
 DATE: June 10, 2013

FOR:
 SUSAN & GENE MITCHELL
 2095 WILD RIVER DRIVE
 ROSEBURG, OR 97470

JOB #: 13-023
 FILE: 13-023 Plat.dwg
 SHEET 1 OF 1

MAP FILE M165-66

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