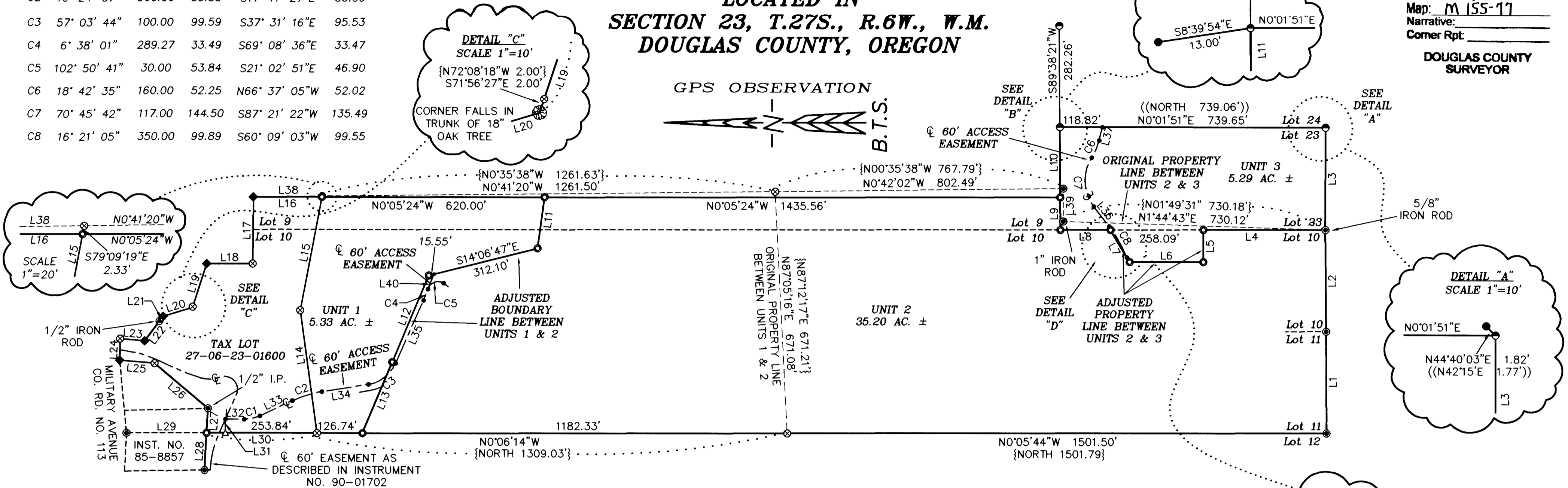
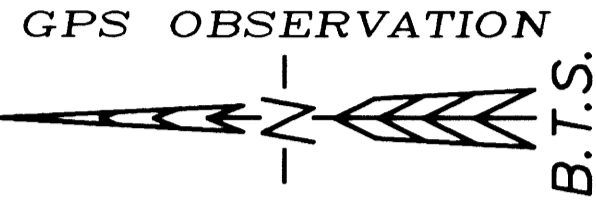


NO	DELTA	RADIUS	ARC	BEARING	CHORD
C1	25° 47' 35"	100.00	45.02	S12° 29' 43"E	44.64
C2	16° 24' 07"	300.00	85.88	S17° 11' 27"E	85.59
C3	57° 03' 44"	100.00	99.59	S37° 31' 16"E	95.53
C4	6° 38' 01"	289.27	33.49	S69° 08' 36"E	33.47
C5	102° 50' 41"	30.00	53.84	S21° 02' 51"E	46.90
C6	18° 42' 35"	160.00	52.25	N66° 37' 05"W	52.02
C7	70° 45' 42"	117.00	144.50	S87° 21' 22"W	135.49
C8	16° 21' 05"	350.00	99.89	S60° 09' 03"W	99.55

# BOUNDARY LINE ADJUSTMENT

## LOCATED IN SECTION 23, T.27S., R.6W., W.M. DOUGLAS COUNTY, OREGON

FILED  
 Date: 5-22-2008 By: MLW  
 This survey consists of:  
 Map: M 155-17  
 Narrative: \_\_\_\_\_  
 Corner Rpt: \_\_\_\_\_  
**DOUGLAS COUNTY SURVEYOR**



NO.	DIRECTION	LENGTH	RECORD	NO.	DIRECTION	LENGTH	RECORD	NO.	DIRECTION	LENGTH	RECORD	NO.	DIRECTION	LENGTH	RECORD
L1	N89° 42' 09"E	282.41	{N89°38'30"E 282.43'}	L14	N82° 08' 06"E	344.08	{N82°15'51"E 344.24'}	L27	N86° 56' 16"W	68.28	{N87°50'58"W 72.63'}	L40	S67° 32' 35"E	45.57	
L2	N89° 33' 44"E	282.23	{N89°38'30"E 282.43'}	L15	S79° 09' 19"E	320.00		L28	N86° 56' 16"W	103.24	{N87°50'58"W 98.93'}	L41	N68° 19' 36"E	26.00	
L3	S89° 57' 52"E	283.06	[N89°38"E 282.43']	L16	N0° 05' 24"W	190.21		L29	S0° 00' 10"E	223.17	{NORTH 225.96'}				
L4	N0° 05' 24"W	339.84		L17	N89° 34' 35"W	184.68	{S88°28'30"E 186.02'}	L30	S0° 00' 10"E	306.48	{NORTH 303.65'}				
L5	N90° 00' 00"W	89.11		L18	N0° 10' 40"W	128.14	{S00°24'02"W 129.66'}	L31	N89° 59' 50"E	38.00					
L6	N0° 01' 39"W	205.00		L19	N71° 56' 27"W	127.95	{N72°08'18"W 127.65'}	L32	S0° 24' 05"W	52.40					
L7	N59° 07' 35"E	103.47		L20	N16° 49' 04"W	85.39	{N16°45'59"W 85.05'}	L33	S25° 23' 31"E	99.13					
L8	N0° 05' 24"W	139.75		L21	N52° 41' 22"W	16.92	{N52°43'36"W 16.95'}	L34	S8° 59' 24"E	131.32					
L9	N89° 38' 21"E	90.00		L22	N53° 10' 04"W	68.29	{N52°43'36"W 68.06'}	L35	S66° 03' 08"E	191.65					
L10	N89° 38' 21"E	194.62		L23	N5° 04' 35"E	69.06	{N05°09'00"E 69.23'}	L36	S51° 58' 31"W	69.16					
L11	N82° 09' 31"W	142.81		L24	N89° 18' 13"W	59.97	{N89°03'14"W 60.00'}	L37	N75° 58' 23"W	38.14					
L12	N67° 12' 08"W	261.53		L25	S4° 59' 10"W	97.28	{S05°09'00"W 97.44'}	L38	N0° 46' 43"W	190.67	{N0°35'38"W 190.65'}				
L13	N67° 12' 08"W	213.91		L26	S39° 57' 26"W	194.33	{N38°52'33"E 193.20'}	L39	S89° 50' 33"E	90.65	{S89°48'38" 90.69'}				

**NARRATIVE:**

THE PURPOSE OF THIS SURVEY IS TO ADJUST THE BOUNDARY LINE BETWEEN UNIT 2 AND UNIT 3 OF M 126-8 AND TO ADJUST THE WEST LINE OF LOT 23 OF UMPQUA PARK BLOCK E (VOL. 3, PG. 1) AS APPROVED UNDER DOUGLAS COUNTY PLANNING DEPARTMENT FILE NO. 07-M019. THE HALL PROPERTY IS DESCRIBED AS LOT 10, LOT 11, LOT 23 AND THE WESTERLY 90 FEET OF LOT 9 OF UMPQUA PARK, BLOCK E. THIS SURVEY IS CONTROLLED BY MONUMENTS FOUND PER M 1-53, M 23-28, M 23-79, M 71-47, M 89-73 AND M 126-8. LOTS 10 AND 11 AND THE WESTERLY 90 FEET OF LOT 9 WERE SURVEYED UNDER M 1-53 BY A.R. TUCKEY IN 1957. THE COURSES BETWEEN THE M 1-53 MONUMENTS SET ALONG THE SOUTH LINES OF LOTS 10 AND 11 AND ALONG THE NORTH LINE OF LOTS 9, 10 AND 11 WERE FOUND AND ACCEPTED UNDER M 20-49, M 20-78, M 22-64, M 23-28, M 23-79, M 71-47, M 84-9 AND M 126-8 ALL MATCH THE M 1-53 RECORD. THE M 1-53 MONUMENTS AT THE SE AND SW CORNERS OF THE WESTERLY 90 FEET OF LOT 9 WERE SET APPROXIMATELY 30 FEET OUT OF POSITION AND WERE NOT ACCEPTED UNDER M 23-79 OR M 89-73 BUT WERE ACCEPTED UNDER M 126-8. IT IS MY PROFESSIONAL OPINION THAT THESE TWO CORNERS WERE SET IN ERROR AND I THEREFORE JOIN M 23-79 AND M 89-73 IN REJECTING THESE MONUMENTS AS THE SE AND SW CORNERS OF THE WESTERLY 90 FEET OF LOT 9. I CONTROLLED THE EAST LINE OF LOT 10 AND THE WESTERLY 90 FEET OF LOT 9 BY HOLDING THE M 1-53 MONUMENT AT THE SE CORNER OF LOT 10 AND A M 23-28 MONUMENT AT THE NE CORNER OF UNIT 1 OF M 126-8 AND I MONUMENTED THE SE AND SW CORNERS OF THE WESTERLY 90 FEET OF LOT 9 AT THE INTERSECTION OF THESE LINES WITH THE WESTERLY EXTENSION OF THE NORTH LINE OF LOT 24 PER M 89-73. THE WEST LINE OF LOT 11 IS CONTROLLED BY M 1-53 MONUMENTS AT THE NW & SW CORNERS OF LOT 11 AND M 126-8 MONUMENTS AT THE NW & SW CORNERS OF UNIT 2 OF M 126-8. I MONUMENTED THE NW CORNER OF UNIT 1 OF M 126-8 AT THE INTERSECTION OF THE WEST LINE OF LOT 11 WITH THE SOUTH LINE OF THE PHILIP HALL PROPERTY (INST. NO. 85-8857) AS CONTROLLED BY M 1-53 MONUMENTS. I NOTE SIGNIFICANT DISCREPANCIES WITH DISTANCES MEASURED UNDER THIS SURVEY AND THE DISTANCES RETURNED UNDER M 126-8 FOR THESE LINES. THE SOUTH LINE OF LOT 10, 11 AND 23 IS CONTROLLED BY M 1-53 MONUMENTS AT THE SW CORNER OF LOT 11 AND THE SE CORNER OF LOT 10 AND A M 89-73 MONUMENT AT THE SE CORNER OF LOT 23. THE EAST LINE OF LOT 23 IS CONTROLLED BY M 89-73 MONUMENTS AT THE NE AND SE CORNER OF LOT 23. THE ADJUSTED BOUNDARIES WERE THEN ESTABLISHED AND ACCESS EASEMENTS SURVEYED AS DIRECTED BY THE OWNER. A OPUS BASED GPS STATIC CONTROL SURVEY WITH RTK AND CONVENTIONAL TRAVERSE LOOPS AND TIES TO CONTROLLING CORNERS WAS SURVEYED. ALL SURVEY OBSERVATIONS WERE TAKEN WITH LEICA SYSTEM 1200 GPS RECEIVERS AND A LEICA TCRP 1203 TOTAL STATION AND WERE ADJUSTED BY LEAST SQUARES METHODS. THIS SURVEY WAS PERFORMED BY ADAM DEGROOT, SCOTT McCURDY AND RICK SANFORD WITH COMPUTATIONS AND DRAFTING BY KRIS DEGROOT, ADAM DEGROOT, JOEL HERZBERG, AND SCOTT McCURDY.

REGISTERED  
 PROFESSIONAL  
 LAND SURVEYOR  
*Kristian O. Degroot*  
 OREGON  
 JULY 17, 1981  
 KRISTIAN O. DEGROOT  
 1941  
 RENEWAL DATE: 12-31-09

**APPROVAL:**  
*Keith L. Cubie* 5/22/08  
 COUNTY PLANNING DIRECTOR DATE  
 PLANNING DEPARTMENT FILE NO. 07-M019

DEED REFERENCE: A RESTRICTIVE COVENANT FOR DOUGLAS COUNTY PLANNING DEPARTMENT FILE NO. 07-M019 IS RECORDED AS INSTRUMENT NO. 2008-008228 OF THE OFFICIAL RECORDS OF DOUGLAS COUNTY, OREGON.

**LEGEND:**

- = SET 5/8" x 30" IRON ROD w/PLASTIC CAP "BTS ENG-SURV"
- ⊗ = FOUND 5/8" IRON ROD PER M 126-8 A&B
- ⊙ = FOUND 5/8" IRON ROD PER M 89-73
- ⊚ = FOUND 5/8" IRON ROD PER M 71-47
- ⦿ = FOUND 5/8" IRON ROD PER M 23-79
- ⦿ = FOUND 5/8" IRON ROD PER M 23-28
- ⦿ = FOUND 3/4" IRON ROD OR AS NOTED PER M 1-53
- Δ = COMPUTED POINT
- = COMPUTED EASEMENT
- { } = RECORD PER M126-8 A&B
- (( )) = RECORD PER M89-73
- [ ] = RECORD PER M23-79
- ( ) = RECORD PER M1-53

**BTS ENGINEERING & SURVEYING, INC.**  
 431 S.E. MAIN ST., ROSEBURG, OR 97470  
 PHONE (541) 673-0966 FAX (541) 673-0105

SCALE: 1" = 200'	FOR: BRUCE AND MARGIE HALL 2235 W. MILITARY AVE. ROSEBURG, OR 97470	JOB #: 07-050 FILE: 07-050 BLA 3-5-08.DWG SHEET 1 OF 1
DATE: MAY 7, 2008		