

**NARRATIVE:**

THE PURPOSE OF THIS SURVEY WAS TO SUBDIVIDE SECTION 16 SO AS TO MONUMENT THE CORNERS AND TO POST AND MARK THE BOUNDARY LINES OF THE MICHAELS PROPERTY IN THE SW 1/4, SE 1/4 (INST. NO. 95-08947) AND TO MONUMENT THE CORNERS OF THE DVG FAMILY TRUST LLC AND THE D.G. FAMILY TRUST II, LLC PROPERTIES (INST. NO. 2003-008748 & INST. NO. 2003-010139). SURVEY CONTROL WAS ESTABLISHED UNDER A STATIC GPS CONTROL SURVEY BASED ON A NGS OPUS SOLUTION. RANDOM LINE TRAVERSE LOOPS WERE SURVEYED BETWEEN GPS CONTROL POINTS CONTROLLING CORNERS AND ALONG ALL LINES POSTED. FINAL COORDINATES WERE COMPUTED BY LEAST SQUARES ADJUSTMENT OF ALL GPS AND TOTAL STATION OBSERVATIONS. THE SE, SW AND W 1/4 CORNERS WERE FOUND AS RESTORED IN THEIR ORIGINAL POSITIONS. THE NW, NE, E 1/4, S 1/4 S9 AND S 1/16 S16/S15 CORNERS WERE FOUND AS ESTABLISHED BY PROPORTIONATE MEASUREMENT UNDER A 1969 USBLM DEPENDENT RESURVEY. THE S 1/4 CORNER WAS FOUND AS SET BY PROPORTIONATE MEASUREMENT BY GARRETT IN 1974 UNDER C.S. 58/1-2. THE POSITION OF THE S 1/4 CORNER AND SE CORNERS WERE INCORRECTLY COMPUTED UNDER M 146-38 AND ARE CORRECTLY SHOWN HEREON. THE M 146-38 E 1/16 S16/S21 CORNER AND 2 PROPERTY CORNERS ON THE SOUTH LINE OF THE MICHAELS PROPERTY WERE REMOVED AND REMONUMENTED IN THEIR CORRECT POSITIONS UNDER THIS SURVEY USING THESE CORNER POSITIONS. SECTION 16 WAS SUBDIVIDED AS PER THE MANUAL OF SURVEYING INSTRUCTIONS, 1973 AND THE LAWS OF THE STATE OF OREGON AND THE FOLLOWING CORNERS WERE ESTABLISHED: N 1/4 S16 ONLY, E 1/16 S16 ONLY, CE 1/16, CS 1/16, THE NW AND SW CORNERS OF THE D.G. FAMILY TRUST II, LLC PROPERTY AND THE NW 1/4, SE 1/4. THIS SURVEY WAS PERFORMED BY LES FANNING, ADAM DEGROOT, JERED CARPENTER AND JOEL HERZBERG USING LEICA SYSTEM 1200 GPS RECEIVERS AND TOTAL STATION WITH COMPUTATIONS BY KRIS DEGROOT AND DRAFTING BY BILL WARREN

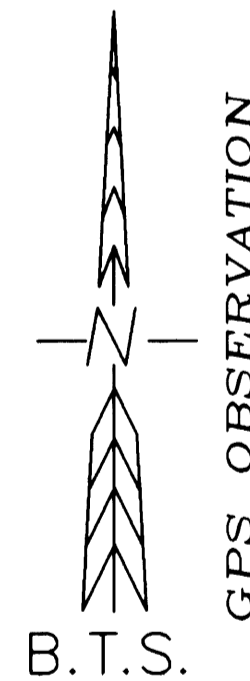
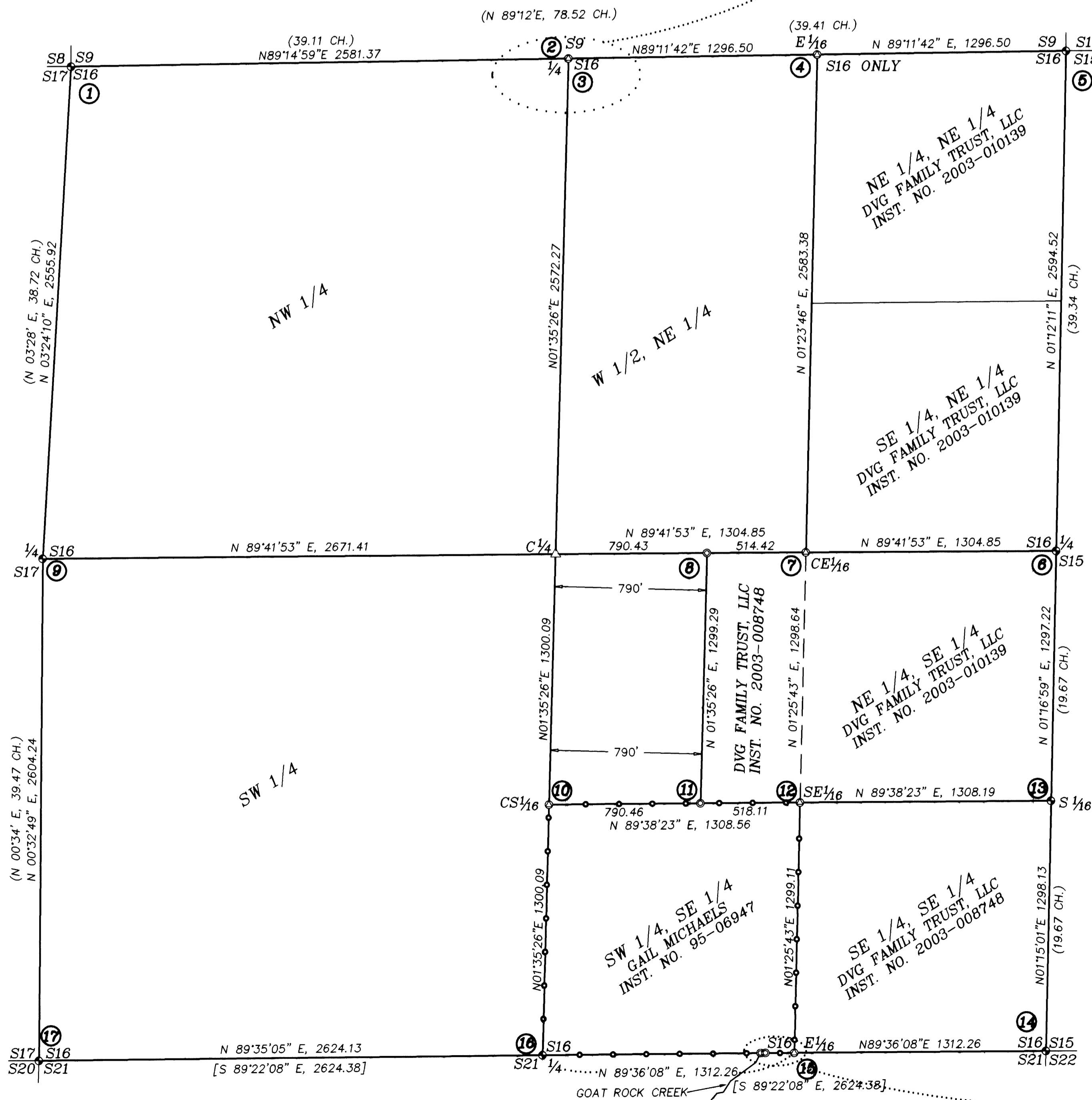
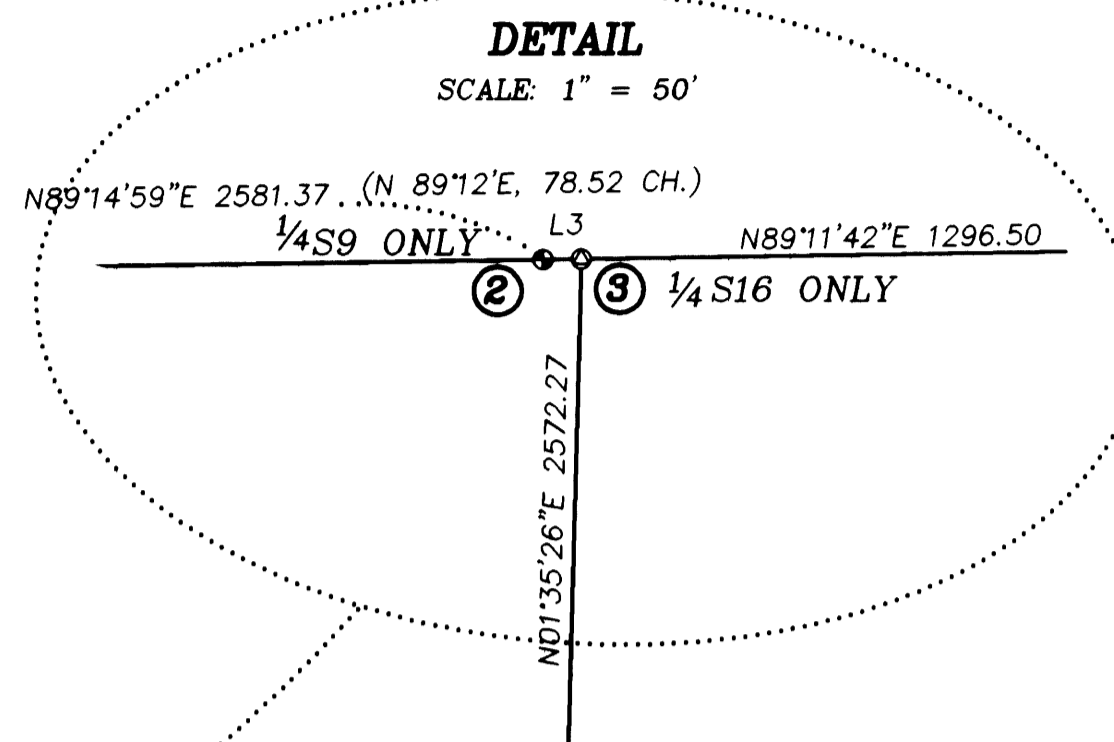
REGISTERED PROFESSIONAL LAND SURVEYOR  
 KRISTIAN O. DEGROOT  
 OREGON 1941  
 RENEWAL DATE 12-31-07

**RECORD OF SURVEY**  
 LOCATED IN  
**SECTION 16, T30S, R5W, W.M.**  
**DOUGLAS COUNTY, OREGON**

FILED  
 Date: 7-17-2006 By: JP  
 This survey consists of:  
 Map: M146-42  
 Narrative:  
 Corner Rpt:  
 DOUGLAS COUNTY SURVEYOR

**CORNER DESCRIPTIONS:**

ALL NEW BEARING TREES HAVE DOUBLE BLAZED FACES WITH A BRASS WASHER STAMPED "PLS 1941" NAILED INTO THE LOWER BLAZE. BEARINGS ARE TAKEN TO THE CENTER OF THE TREE AT THE ROOT CROWN AND DISTANCES ARE MEASURED TO A NAIL IN THE ROOT CROWN AT THE SIDE AND CENTER OF THE TREE WITH A TOTAL STATION. ALL BEARING TREES HAVE A 6" RED BAND PAINTED AROUND THE TREE AND THE BLAZED FACE PAINTED RED AND BEARING TREE SIGNS NAILED TO THE TREE.



**1 S8/S9/S16/S17**

FOUND 1969 USBLM BCIP & ACCESSORIES PER PLSS ID NO. 300500

**2 1/4 S9 ONLY**

FOUND 1969 USBLM BCIP & ACCESSORIES PER PLSS ID NO. 340500

**3 1/4 S16 ONLY**

SET 5/8" X 30" IRON ROD 27" IN GROUND WITH A 2" ALUMINUM CAP STAMPED:

"T30S R5W"  
 1/4 S16 ONLY  
 2006  
 "PLS 1941"

FROM WHICH NEW BEARING TREES:

A 9" W. OAK BEARS S 76 1/2° E, 27.6 FT., SCRIBED  
 "1/4 S16 BT"  
 A 12" W. OAK BEARS S 9 1/2° E, 28.1 FT., SCRIBED  
 "1/4 S16 BT"

REFERENCE MONUMENTS SET:

A 5/8" X 30" IRON ROD BEARS N 36°57'01" W, 25.0 FT.  
 A 5/8" X 30" IRON ROD BEARS N 55°02'59" E, 25.0 FT.

**4 E 1/16 S16 ONLY**

SET 5/8" X 30" IRON ROD 27" IN GROUND WITH A 2" ALUMINUM CAP STAMPED:

"T30S R5W"  
 E 1/16 S16 ONLY  
 2006  
 "PLS 1941"

FROM WHICH NEW BEARING TREES:

A 10" D. FIR BEARS S 22 1/2° W 63.0 FT., SCRIBED  
 "E 1/16 S16 BT"  
 A 12" D. FIR BEARS S 45 1/4° E, 53.4 FT., SCRIBED  
 "E 1/16 S16 BT"

**5 S9/S10/S15/S16**

FOUND 1969 USBLM BCIP & ACCESSORIES PER PLSS ID NO. 400500

**6 1/4 S16/S15**

FOUND 1969 USBLM BCIP & ACCESSORIES PER PLSS ID NO. 400440

**7 CE 1/16 S16**

SET 5/8" X 30" IRON ROD 28" IN GROUND WITH A 2" ALUMINUM CAP STAMPED:

"T30S R5W"  
 CE 1/16 C  
 2006  
 "PLS 1941"

FROM WHICH NEW BEARING TREES:

AN 11 D. FIR BEARS S 23 1/2° W, 36.1 FT., SCRIBED  
 "CE 1/16 S16 BT"  
 AN 11 D. FIR BEARS S 47° E, 15.4 FT., SCRIBED  
 "CE 1/16 S16 BT"

**8 PROPERTY CORNER**

SET 5/8" X 30" IRON ROD 28" IN GROUND W/PLASTIC CAP MK'D. "BTS ENG-SURV"

FROM WHICH NEW BEARING TREES:

A 17" B. OAK BEARS N 54° W, 37.3 FT., SCRIBED  
 "PROP COR BT"  
 A 8" B. OAK BEARS N 46° E, 16.9 FT., SCRIBED  
 "PROP COR BT"

NO.	BEARING	DISTANCE	RECORD
L1	N89°35'47"E	25.00	
L2	S89°59'47"E	149.99	
L3	N89°11'42"E	9.91	(N89°12'E, 0.15 CH.)

**9 1/4 S16/S17**

FOUND 1963 DCSO BCIP & ACCESSORIES PER PLSS ID NO. 300440

**10 CS 1/16 S16**

SET 5/8" X 30" IRON ROD 28" IN GROUND WITH A 2" ALUMINUM CAP STAMPED:

"T30S R5W"  
 CS 1/16 S16  
 2006  
 "PLS 1941"

FROM WHICH NEW BEARING TREES:

AN 11" P.PINE BEARS S 77 1/2° W, 15.3 FT., SCRIBED  
 "CS 1/16 S16 BT"  
 A 10" MADRONA BEARS N 9° E, 13.0 FT., SCRIBED  
 "CS 1/16 S16 BT"

**11 PROPERTY CORNER**

SET 5/8" X 30" IRON ROD 28" IN GROUND W/PLASTIC CAP MK'D. "BTS ENG-SURV"

FROM WHICH NEW BEARING TREES:

A 10" D. FIR BEARS N 16° E, 18.8 FT., SCRIBED  
 "PROP COR BT"  
 A 6" D. FIR BEARS N 69 1/2° E, 15.9 FT., SCRIBED  
 "PROP COR BT"

**12 SE 1/16 S16**

SET 5/8" X 30" IRON ROD 28" IN GROUND WITH A 2" ALUMINUM CAP STAMPED:

"T30S R5W"  
 SE 1/16 S16  
 2006  
 "PLS 1941"

FROM WHICH NEW BEARING TREES:

A 9" MADRONA BEARS N 60 1/4° E, 37.0 FT., SCRIBED "SE 1/16 S16 BT"  
 A 9" D. FIR BEARS S 54 1/4° E, 75.0 FT., SCRIBED "SE 1/16 S16 BT"

**13 S 1/16 S15/S16**

FOUND 1969 USBLM BCIP & ACCESSORIES PER 1969 USBLM DEPENDENT RESURVEY

**14 S15/S16/S21/S22**

FOUND 1967 USBLM BCIP & ACCESSORIES PER PLSS ID NO. 400400

**15 E 1/16 S16/S21**

SET 5/8" X 30" IRON ROD 28" IN GROUND WITH A 2" ALUMINUM CAP STAMPED:

"T30S R5W"  
 E 1/16 S16  
 S21  
 2006  
 "PLS 1941"

FROM WHICH BEARING TREES PER M 146-38 BUT WITH NEW TIES:

A 10" W. OAK BEARS S 66° W, 37.4 FT., SCRIBED  
 "E 1/16 S16 BT"  
 A 19" W. OAK BEARS N 16 3/4° W, 26.9 FT., SCRIBED  
 "E 1/16 S16 BT"

**16 1/4 S16/S21**

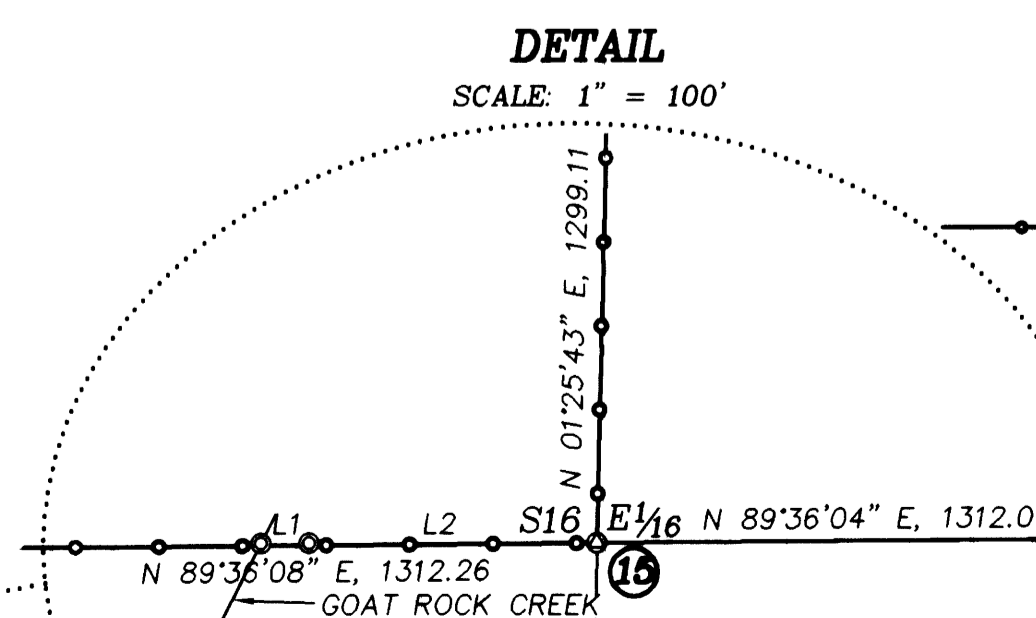
FOUND 1" IRON BOLT PER CS/58/1-2 & ACCESSORIES PER PLSS ID NO. 340400

**17 S16/S17/S20/S21**

FOUND 1969 USBLM BCIP & ACCESSORIES PER PLSS ID NO. 300400

**LEGEND:**

- = SET 5/8" X 30" IRON ROD W/ 2" ALUMINUM CAP AS NOTED.
- = SET 5/8" X 30" IRON ROD W/ PLASTIC CAP MK'D. "BTS ENG-SURV"
- = FOUND PLSS MONUMENT AS NOTED
- △ = COMPUTED POINT, NOT SET.
- ( ) = RECORD PER 1969 USBLM DEPENDENT RESURVEY
- [ ] = RECORD PER CS 58/1-2
- = PROPERTY LINES BLAZED, PAINTED & POSTED WITH 5 1/2" STEEL POSTS.



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

SCALE: 1" = 400'	FOR: HY-MTN ROCK, LLC 2350 GAZLEY RD. CANYONVILLE, OREGON 79417	JOB #: 06-036 FILE: 06-036 PLAT.DWG SHEET 1 OF 1
DATE: JULY 14, 2006		