

RECORD OF SURVEY

LOCATED IN

SECTION 21, T30S, R5W, W.M.

DOUGLAS COUNTY, OREGON

LEGEND:

- = SET 5/8" x 30" IRON ROD W/ PLASTIC CAP MARKED "BTS ENG-SURV."
- = FOUND 5/8" IRON ROD PER M 146-42
- = FOUND USBLM BCIP AS NOTED
- = FOUND DCSO BCIP AS NOTED
- ◆ = FOUND 1 1/2" IRON PIPE PER CS 45/137
- ◊ = FOUND 3/4" IRON PIPE PER CS 45/137
- = FOUND 3/4" IRON ROD PER 1957 PLANS FOR GAZLEY COUNTY ROAD NO. 35A
- ◊ = FOUND 1/2" IRON ROD PER M 52-16
- ◆ = FOUND 1" IRON BOLT WITH 1 1/2" NUT PER CS 58/1-2
- ▲ = COMPUTED ROAD POINT
- ▲ = COMPUTED POINT
- = CENTERLINE OF GOAT ROCK CREEK
- = PROPERTY LINES FLAGGED & POSTED WITH 5 1/2" STEEL POSTS.
- () = RECORD PER GARRETT CS 58/1-2
- [] = RECORD PER BROWN M 91-40 OR M 112-76
- < > = RECORD PER 1997-0019
- { } = RECORD PER CS 45/137
- (()) = RECORD PER M 52-16 & M 52-52
- (()) = RECORD PER M 146-42

LINE	BEARING	DISTANCE	RECORD
L1	N26°50'18"E	40.23	
L2	N26°50'18"E	38.08	
L3	N34°09'57"E	47.99	
L4	N61°17'43"E	30.69	
L5	N26°28'39"E	60.98	
L6	N18°33'53"E	60.48	
L7	N39°36'50"E	66.97	
L8	N90°00'00"E	34.20	
L9	N30°09'55"E	75.65	
L10	N54°20'32"E	161.10	
L11	N27°13'22"E	54.82	
L12	N89°36'07"E	25.00	[[N 89°59'47"E, 25.00']
L13	N89°36'07"E	149.99	[[N 89°35'47"E, 149.99']
L14	S00°57'38"W	156.27	
L15	S01°16'35"W	191.44	
L16	N28°13'29"E	29.99	
L17	N28°13'29"E	29.99	
L18	S78°26'49"E	17.02	
L19	S78°26'49"E	17.02	
L20	N82°26'21"E	158.86	
L21	N07°33'39"W	10.00	
L22	N82°26'21"E	158.86	
L23	S07°33'39"E	10.00	
L24	N24°59'20"E	30.13	
L25	N24°59'20"E	30.13	
L26	N01°17'33"W	379.12	((N02°48'E 380.11'))
L27	S07°33'39"E	30.00	
L28	S54°43'58"E	30.31	

NO.	DELTA	RADIUS	ARC	CHORD BRG.	CHORD
C1	16°40'17"	1282.92	373.29	S70°06'40"E	371.98
C2	19°06'50"	443.66	148.01	S88°00'14"E	147.32
C3	32°19'23"	967.09	545.57	N81°23'57"W	538.37
C4	3°49'10"	1252.92	83.52	S76°32'13"E	83.51
C5	19°06'50"	413.66	138.00	S88°00'14"E	137.36
C6	20°21'45"	997.09	354.36	N87°22'46"W	352.49
C7	9°15'08"	997.09	161.01	N72°34'20"W	160.83

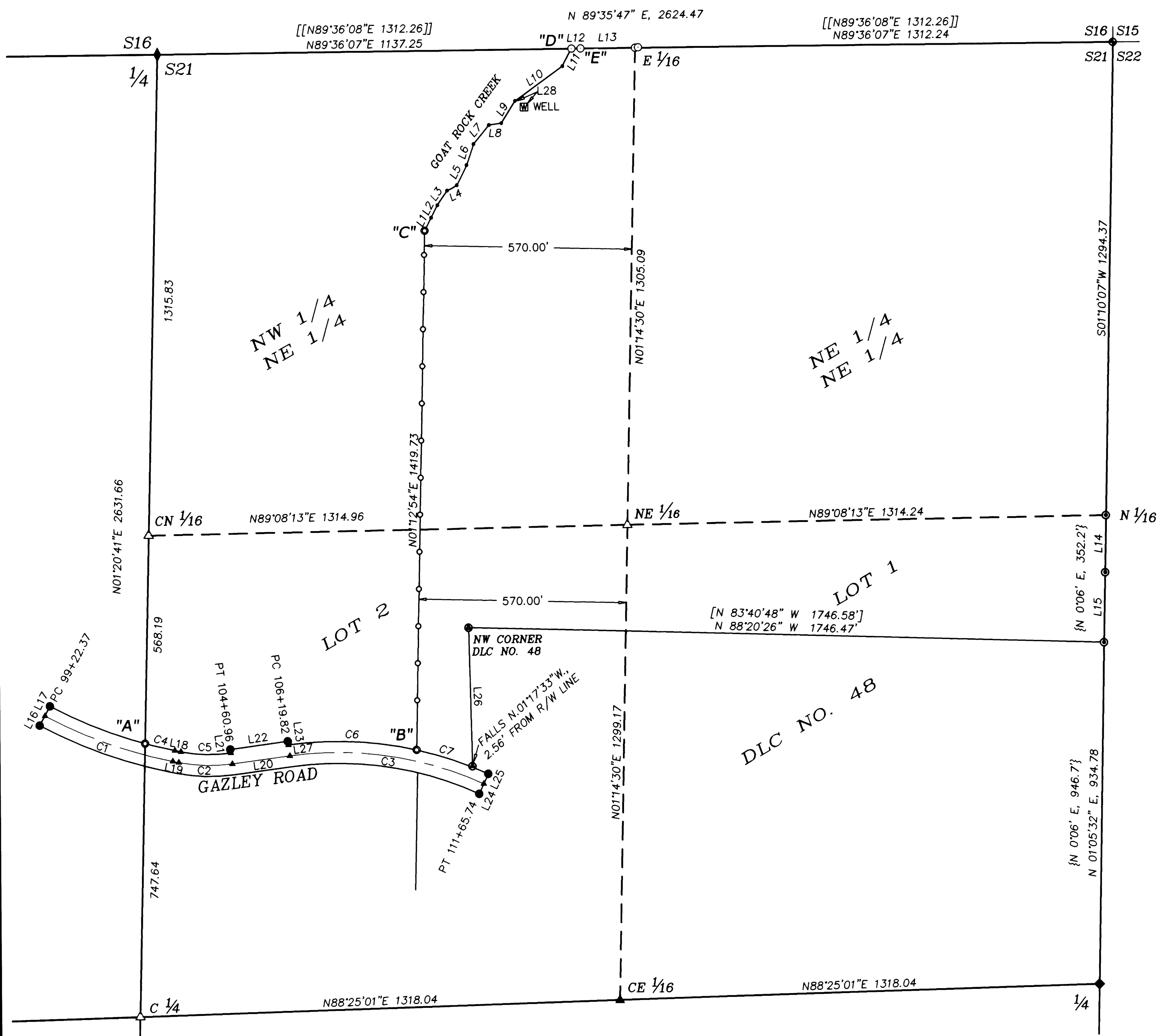
NARRATIVE:

THE PURPOSE OF THIS SURVEY IS TO CORRECT SURVEY M 146-38. THE POSITIONS OF THE N 1/4 CORNER AND THE NE CORNER OF SECTION 21 WERE INCORRECTLY COMPUTED AS REPORTED IN THE M 146-42 NARRATIVE. THE E 1/16 S16/S21 AND MONUMENTS "D" AND "E" ON THE NORTH LINE OF SECTION 21 WERE REMONUMENTED IN THEIR CORRECT POSITIONS UNDER M 146-42. THIS SURVEY CORRECTS THE M 146-42 RECORD BY SHOWING THAT MONUMENTS "D" AND "E" WERE SET ON THE SOUTH LINE OF SECTION 16. THIS SURVEY CORRECTS THE M 146-38 RECORD BY RECOMPUTING THE SUBDIVISION OF SECTION 21 TO THE CORRECT POSITIONS OF THE N 1/4 AND NE CORNER OF SECTION 21. M 146-38 MONUMENTS AT CORNERS "A", "B" AND "C" WERE REMOVED AND RESET IN THEIR CORRECT POSITIONS UNDER THIS SURVEY. THE STEEL POST ON THE LINE BETWEEN CORNER "B" AND "C" WERE RESET ON LINE.

M 146-38 WAS SURVEYED TO SUBDIVIDE SECTION 21 AND LOCATE THE NORTH-SOUTH CENTERLINE OF THE NE 1/4 OF SECTION 21 AND THEN MONUMENT AND POST THE WEST LINE OF THE MICHAELS PROPERTY LYING NORTH OF GAZLEY ROAD AND ALSO ESTABLISH THE EAST 1/16 CORNER OF SECTIONS 16 AND 21. M 146-38, M 146-42 AND THIS SURVEY ARE BASED ON GPS CONTROL SURVEY UNDER WHICH THE NW, SE AND EAST 1/4 CORNERS WERE DIRECTLY OBSERVED. RANDOM LINE TRAVERSE LOOPS WERE SURVEYED BETWEEN GPS POINTS AND NE AND NORTH 1/4 CORNERS, ALONG THE EAST LINE OF THE MICHAELS PROPERTY, AND ALONG GAZLEY ROAD. FINAL COORDINATE POSITIONS WERE COMPUTED BY LEAST SQUARES ADJUSTMENT OF ALL GPS AND TOTAL STATION OBSERVATIONS. THE NE, NW, SE, SW AND EAST 1/4 CORNERS WERE FOUND AS RESTORED IN THEIR ORIGINAL POSITIONS. I FOUND THE NORTH 1/4 CORNER AS SET BY PROPORTIONATE MEASUREMENT UNDER CS 58/1-2. THE SOUTH AND WEST 1/4 CORNERS ARE MISSING AND WERE COMPUTED PROPORTIONATELY. USING THESE CORNER POSITIONS, SECTION 21 WAS SUBDIVIDED AS PER THE MANUAL OF SURVEYING INSTRUCTIONS, 1973 AND THE LAWS OF THE STATE OF OREGON. THE EAST LINE OF THE MICHAELS PROPERTY WAS THEN COMPUTED 570 FEET WEST OF AND PARALLEL TO THE NORTH-SOUTH CENTERLINE OF THE NE 1/4 AND POSTED AND MONUMENTED SOUTH OF ITS INTERSECTION WITH GOAT ROCK CREEK. THE NORTH LINE OF SECTION 21 WAS POSTED AND MONUMENTED BETWEEN GOAT ROCK CREEK AND THE E 1/16 OF SECTIONS 16 AND 21. THE CENTERLINE OF GOAT ROCK CREEK WAS SURVEYED BETWEEN THE NORTH LINE OF SECTION 21 AND THE LINE 570 FEET WEST OF THE NORTH-SOUTH CENTERLINE OF THE NE 1/4 OF SECTION 21. THE CENTERLINE AND RIGHT OF WAY LINE OF GAZLEY COUNTY ROAD NO. 35A WAS COMPUTED FROM MONUMENTS FOUND PER THE 1957 PLANS AT THE STATIONS LISTED.

THIS SURVEY WAS PERFORMED BY ADAM DEGROOT, JOEL HERZBERG AND TONY BELLANDO USING LEICA SYSTEM 1200 GPS RECEIVER AND TOTAL STATION WITH COMPUTATIONS BY KRIS DEGROOT AND DRAFTING BY BILL WARREN.

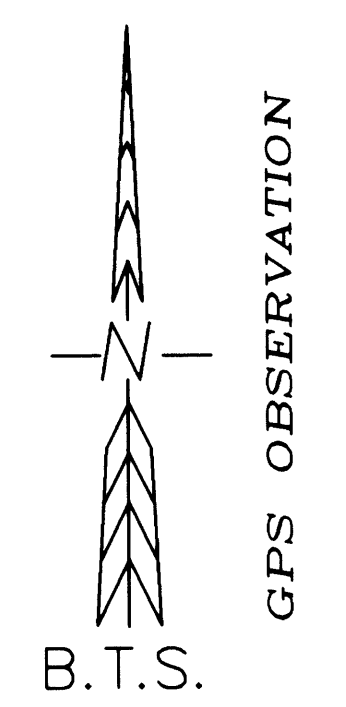
NE 1/4 SECTION 21
1" = 200'



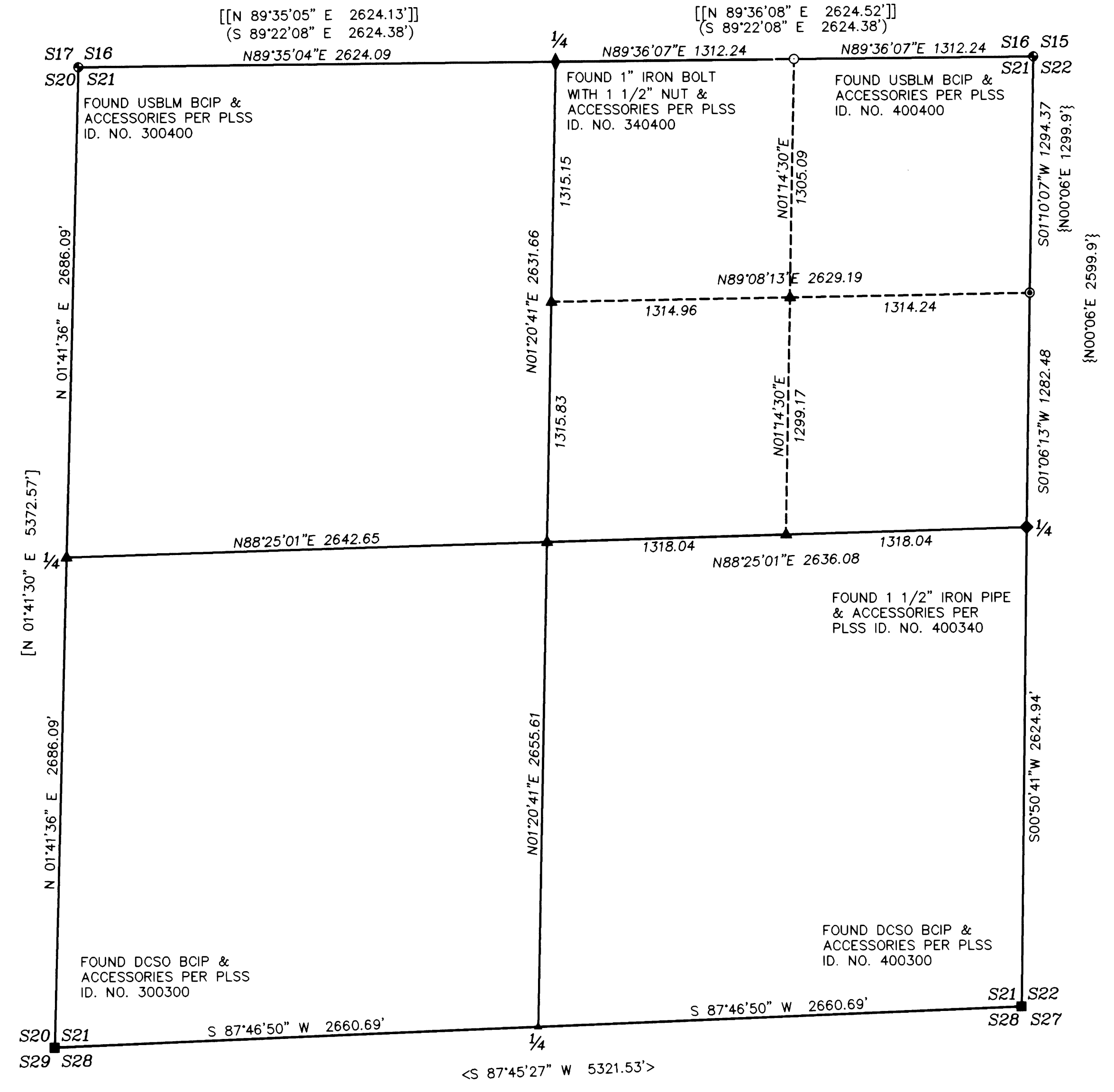
REGISTERED
PROFESSIONAL
LAND SURVEYOR

Kristian O. Degroot

OREGON
JULY 17, 1981
KRISTIAN O. DEGROOT
1941
RENEWAL DATE: 12-31-07



SECTION SUBDIVISION
1" = 500'



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

SCALE: 1"=200' & 1"=500'	FOR: GAIL MICHAELS P.O. BOX 279 CANYONVILLE, OR 97417	JOB #: 06-019 FILE: 30-05-16 Plat.dwg SHEET 1 OF 1
DATE: JULY 7, 2006		