

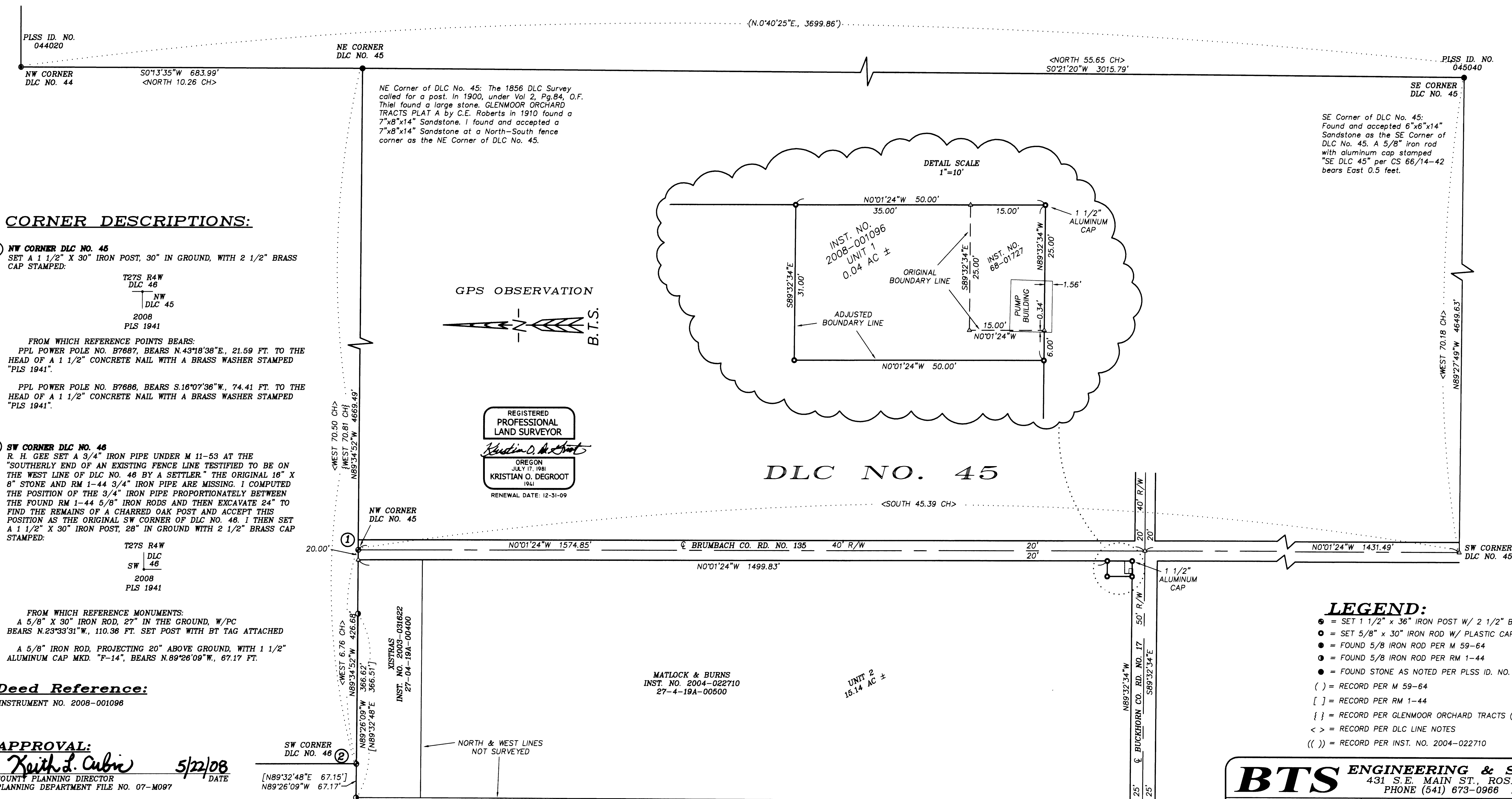
NARRATIVE:

The purpose of this survey is to locate the centerline of Brumbach Co. Rd. No. 135 and Buckhorn Co. Rd. No. 17 and adjust the boundary line between the Matlock & Burns property described in Inst. No. 2004-022710 and the property belonging to the City of Roseburg described in Inst. No. 68-01727 for the reconstruction of an existing pump station and system as approved under the Douglas County Planning Department File No. 07-M097. This survey was controlled by M 59-64, RM 1-44, GLENMOOR ORCHARD TRACTS (Vol. 3 Pg. 16), and DLC Line Notes. The West Line of DLC No. 45 is called on the centerline of Brumbach Road per Road Record Volume 4, Pages 250-284. Under the notes for Survey Volume 2, Page 84, (Fieldbook 113, Pages 54-56) O. F. Thiel states: "At the SW Corner, the flag at the NW Corner bears N. 1 1/2° E. County Road follows Line from North to South". I survey and accepted the as-constructed centerline for Brumbach Road from the SW Corner of DLC No. 45 to the NW Corner of DLC No. 45 as the West Line of DLC No. 45. The North Line of DLC No. 45 was controlled by the 7"x8"x14" Sandstone found at the NE Corner of DLC No. 45 and the SW Corner of DLC No. 46 as computed per M 11-53 and RM 1-44. GEE set a 3/4" iron pipe under M 11-53 at the "southerly end of an existing fence line testified to be on the West Line of DLC No. 46 by a settler. The original 16"x 8" stone and 3/4" iron pipe RM 1-44 are missing. I computed the position of the 3/4" iron pipe proportionately between the found 5/8" iron rods per RM 1-44 and then excavate 24" to find the remains of a charred Oak Post and accept this position as the Original SW Corner of DLC No. 46. The NW Corner of DLC No. 45 was then computed at the intersection of the West and North Lines of DLC No. 45 as above described. The South Line of DLC No. 45 was controlled by the 6"x6"x14" Sandstone at the SE Corner of DLC No. 45 and the mean bearing of the existing fence line near the SW Corner of DLC No. 45. The length of the South Line closely matches Thiel's 70.48 Chains recorded per the notes for Survey Volume 2, Page 84, (Fieldbook 113, Pages 54-56) Brumbach County Road No. 135 was then established 20 feet East and West of the West Line of DLC No. 45 on the as-built centerline of the existing roadway. The right of way of Buckhorn County Road No. 17 was controlled by the as-built centerline of the existing roadway. The 1916 description of the roadway per Road Record Volume 8, Pages 244, 258, 259 and the 1918 Plans by M.B. Germond are both tied to the NW Corner of DLC No. 45 with a distance of 1574.0 feet. Under this survey I return a distance of 1574.85 feet between the as-built centerline and the NW Corner of DLC No. 45 as above described. The right of way of Buckhorn Co. Rd. No. 17 was then computed at 25 feet north and south of the existing centerline west of Brumbach Road per Deed Volume 200, Page 434 and at 20 feet north and south of centerline east of Brumbach Road per the 1916 Road Record and Germond's 1918 Road Plans. The North and West Lines of Unit 2 were not surveyed and the acreage is computed per Douglas County Assessor Records.

A control survey was performed utilizing a static GPS control survey with RTK and conventional traverse loops and lies surveyed to controlling corners and along boundary lines. All survey observations were taken with a Leica TOPP 1203 total station and Leica Systems 1200 GPS receivers and were adjusted by least squares methods. This survey was performed by Les Fanning, Adam DeGroot, Joel Herzberg, Scott McCurdy, and Rick Sanford with computations and drafting by Kris DeGroot, Adam DeGroot, and Joel Herzberg.

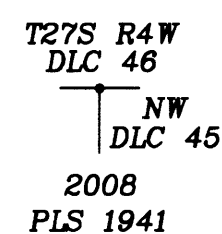
**RECORD OF SURVEY
BOUNDARY LINE ADJUSTMENT
LOCATED IN
SECTION 19 & 20, T27S, R4W, W.M.
DOUGLAS COUNTY, OREGON**

FILED
Date: 5-22-2008 By: [Signature]
This survey consists of:
Map: M 146-78
Narrative:
Corner Rpt:
DOUGLAS COUNTY
SURVEYOR



CORNER DESCRIPTIONS:

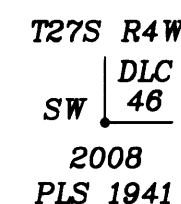
① **NW CORNER DLC NO. 45**
SET A 1 1/2" X 30" IRON POST, 30" IN GROUND, WITH 2 1/2" BRASS CAP STAMPED.



FROM WHICH REFERENCE POINTS BEARS:
PPL POWER POLE NO. B7687, BEARS N.43°18'38"E, 21.59 FT. TO THE HEAD OF A 1 1/2" CONCRETE NAIL WITH A BRASS WASHER STAMPED "PLS 1941".

PPL POWER POLE NO. B7686, BEARS S.16°07'36"W, 74.41 FT. TO THE HEAD OF A 1 1/2" CONCRETE NAIL WITH A BRASS WASHER STAMPED "PLS 1941".

② **SW CORNER DLC NO. 46**
R. H. GEE SET A 3/4" IRON PIPE UNDER M 11-53 AT THE "SOUTHERLY END OF AN EXISTING FENCE LINE TESTIFIED TO BE ON THE WEST LINE OF DLC NO. 46 BY A SETTLER." THE ORIGINAL 16" X 8" STONE AND RM 1-44 3/4" IRON PIPE ARE MISSING. I COMPUTED THE POSITION OF THE 3/4" IRON PIPE PROPORTIONATELY BETWEEN THE FOUND RM 1-44 5/8" IRON RODS AND THEN EXCAVATE 24" TO FIND THE REMAINS OF A CHARRED OAK POST AND ACCEPT THIS POSITION AS THE ORIGINAL SW CORNER OF DLC NO. 46. I THEN SET A 1 1/2" X 30" IRON POST, 28" IN GROUND WITH 2 1/2" BRASS CAP STAMPED.



FROM WHICH REFERENCE MONUMENTS:
A 5/8" X 30" IRON ROD, 27" IN THE GROUND, W/PC BEARS N.23°33'31"W, 110.36 FT. SET POST WITH BT TAG ATTACHED
A 5/8" IRON ROD, PROJECTING 20" ABOVE GROUND, WITH 1 1/2" ALUMINUM CAP MKD. "F-14", BEARS N.89°26'09"W, 67.17 FT.

Deed Reference:

INSTRUMENT NO. 2008-001096

APPROVAL:

[Signature] 5/22/08
COUNTY PLANNING DIRECTOR DATE
PLANNING DEPARTMENT FILE NO. 07-M097

SW CORNER DLC NO. 46
[N89°32'48"E 67.15']
[N89°26'09"W 67.17']
NORTH & WEST LINES NOT SURVEYED

LEGEND:

- = SET 1 1/2" x 36" IRON POST W/ 2 1/2" BRASS CAP
- = SET 5/8" x 30" IRON ROD W/ PLASTIC CAP "BTS ENG-SURV" OR AS NOTED
- = FOUND 5/8" IRON ROD PER M 59-64
- = FOUND 5/8" IRON ROD PER RM 1-44
- = FOUND STONE AS NOTED PER PLS ID. NO.
- () = RECORD PER M 59-64
- [] = RECORD PER RM 1-44
- { } = RECORD PER GLENMOOR ORCHARD TRACTS (VOL. 3 PAGE 16)
- < > = RECORD PER DLC LINE NOTES
- (()) = RECORD PER INST. NO. 2004-022710

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

SCALE: 1" = 100'	FOR: CITY OF ROSEBURG 900 SE DOUGLAS ROSEBURG, OR 97470	JOB #: 06-109 FILE: 06-109 Brumbach BLA.DWG SHEET 1 OF 1
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DATE: APRIL 1, 2008