DRAWING NUMBER 8685
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REORDER BY NUMBER 075AR
POSITION EDGE OF PRINT ON THIS LINE

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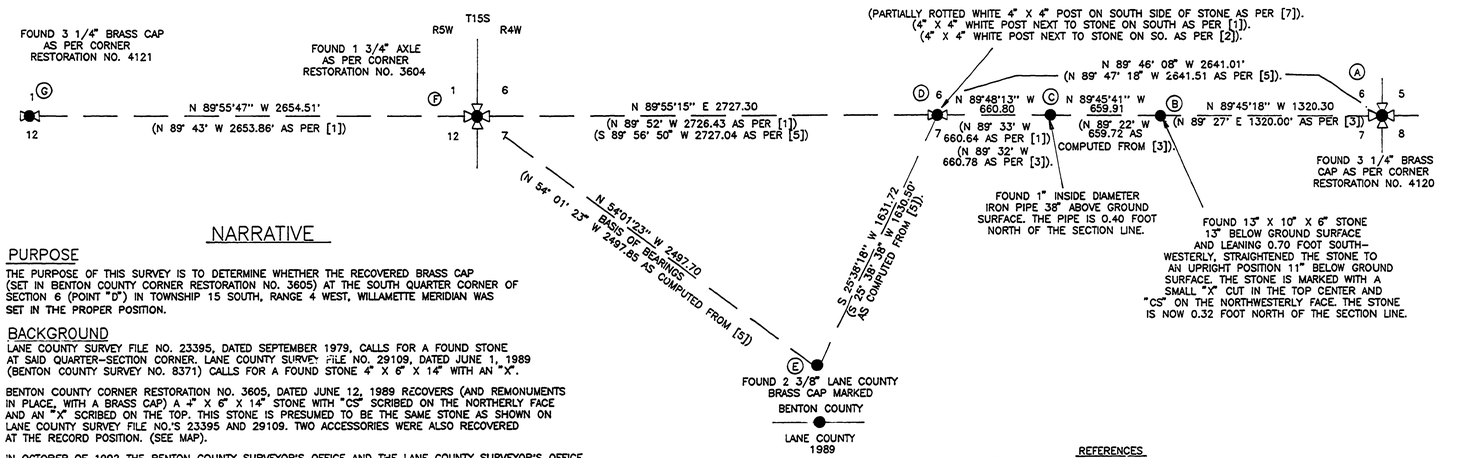
CS 3685
3-1-93

SURVEY FOR BENTON COUNTY
LOCATED IN
T15S R4W SECTIONS 6 AND 7
AND T15S R5W SECTIONS 1 AND 12, W.M.
BENTON COUNTY, OREGON
OCTOBER 28, 1992

Benton County Surveyor's Office
C.S. FILE NO. 8685
FILING DATE 3-1-1993
FILE SIZE 18x24



NARRATIVE

PURPOSE

THE PURPOSE OF THIS SURVEY IS TO DETERMINE WHETHER THE RECOVERED BRASS CAP (SET IN BENTON COUNTY CORNER RESTORATION NO. 3605) AT THE SOUTH QUARTER CORNER OF SECTION 6 (POINT "D") IN TOWNSHIP 15 SOUTH, RANGE 4 WEST, WILLAMETTE MERIDIAN WAS SET IN THE PROPER POSITION.

BACKGROUND

LANE COUNTY SURVEY FILE NO. 23395, DATED SEPTEMBER 1979, CALLS FOR A FOUND STONE AT SAID QUARTER-SECTION CORNER. LANE COUNTY SURVEY FILE NO. 29109, DATED JUNE 1, 1989 (BENTON COUNTY SURVEY NO. 8371) CALLS FOR A FOUND STONE 4" X 6" X 14" WITH AN "X".

BENTON COUNTY CORNER RESTORATION NO. 3605, DATED JUNE 12, 1989 RECOVERS (AND REMONUMENTS IN PLACE, WITH A BRASS CAP) A 4" X 6" X 14" STONE WITH "CS" SCRIBED ON THE NORTHERLY FACE AND AN "X" SCRIBED ON THE TOP. THIS STONE IS PRESUMED TO BE THE SAME STONE AS SHOWN ON LANE COUNTY SURVEY FILE NO.'S 23395 AND 29109. TWO ACCESSORIES WERE ALSO RECOVERED AT THE RECORD POSITION. (SEE MAP).

IN OCTOBER OF 1992 THE BENTON COUNTY SURVEYOR'S OFFICE AND THE LANE COUNTY SURVEYOR'S OFFICE WERE INFORMED BY A SURVEYOR IN PRIVATE PRATICE THAT SAID BRASS CAP AT SAID QUARTER-SECTION CORNER APPEARED TO BE APPROXIMATELY N 10' E 1.25 FEET OUT OF THE POSITION AS SHOWN ON LANE COUNTY SURVEY FILE NO.'S 23395 AND 29109. THE BENTON COUNTY CORNER RESTORATION CREW MADE A THOROUGH SEARCH AROUND SAID BRASS CAP, WITHOUT SUCCESSFULLY LOCATING ANY OTHER MARKED STONES OR MONUMENTS. SAID CREW ALSO CONDUCTED ADDITIONAL SURVEY WORK TO SHOW THE RELATIONSHIP OF SAID QUARTER-SECTION CORNER TO OTHER CORNER MONUMENTS, AS SHOWN, IN THE VICINITY. THE SURVEYOR OF RECORD FOR REFERENCES [1] AND [2] WAS CONTACTED BY THIS OFFICE. HE VERIFIED THAT HIS RECORD MEASUREMENT TO THE OAK TREE 33" IN DIAMETER (2.2 FEET) WAS TO THE CENTER OF THE TREE, (REFERENCE [7] ALSO MEASURED TO THE CENTER). SAID SURVEYOR ALSO VERIFIED THAT THE WHITE 4" X 4" POST HE SET WAS ON THE SOUTH SIDE OF THE STONE.

ANALYSIS

THE MONUMENTS FOUND AT POINTS "B" AND "C" FALL 0.32 FOOT AND 0.40 FOOT NORTHERLY, RESPECTIVELY OF LINE "A-D". THIS FITS REASONABLY WELL WITH BENTON COUNTY SURVEY NO. 5392, DATED NOVEMBER 23, 1972. THE ANGULAR RELATIONSHIP BETWEEN THE MONUMENTS FOUND AT POINTS "G", "D", "G", AND "F" FITS VERY WELL WITH BENTON COUNTY SURVEY NO. 3713, DATED DECEMBER 1962. THERE ARE DISTANCE AND ANGULAR DISCREPANCIES BETWEEN THE MONUMENTS FOUND AT POINTS "A", "D", "E", AND "F". WHEN COMPARING THIS CURRENT SURVEY WITH LANE COUNTY SURVEY FILE NO.'S 23395 AND 29109. THESE DISCREPANCIES TO DATE HAVE BEEN UNRESOLVABLE.

CONCLUSION

IT IS THE OPINION OF THIS OFFICE THAT SAID BRASS CAP, SET IN BENTON COUNTY CORNER RESTORATION NO. 3605 AT SAID QUARTER-SECTION CORNER (POINT "D") IS IN THE PROPER POSITION. THIS CONCLUSION IS BASED ON THE RECOVERY OF PHYSICAL EVIDENCE AT THE CORNER POSITION AND THE COMPARISION OF MEASUREMENTS TAKEN DURING THIS SURVEY TO THE MEASUREMENTS SHOWN ON TWO DIFFERENT SURVEYS, (BENTON COUNTY SURVEY NO.S 3713 AND 5392) BY TWO DIFFERENT SURVEYOR'S THAT PREDATE LANE COUNTY SURVEY FILE NO. 23395.

1" = 400' SCALE

LEGEND
=SECTION CORNER FOUND.
=QUARTER CORNER FOUND.
=FOUND MONUMENT AS DECRIBED.

REGISTERED PROFESSIONAL LAND SURVEYOR
Curtis J. Liesenfelt
OREGON
JULY 17, 1986
CURTIS J. LIESENFELT
2213
LICENSE EXPIRES 12/31/94

REFERENCES

[1] BENTON COUNTY SURVEY NO. 3713
[2] BENTON COUNTY CORNER RESTORATION NO. 2867
[3] BENTON COUNTY SURVEY NO. 5392
[4] LANE COUNTY SURVEY FILE NO. 23395
[5] BENTON COUNTY SURVEY NO. 8371 (LANE COUNTY SURVEY FILE NO. 29109)
[6] BENTON COUNTY CORNER RESTORATION NO.3604
[7] BENTON COUNTY CORNER RESTORATION NO. 3605
[8] BENTON COUNTY CORNER RESTORATION NO. 4120
[9] BENTON COUNTY CORNER RESTORATION NO. 4121

BENTON COUNTY PUBLIC WORKS
360 S.W. AVERY AVENUE CORVALLIS OREGON 97333-1192 757-6821

15-4-6 CORNER RESTORATION SURVEY

COUNTY SURVEYOR : DANNA L. BARNHART	PROJECT MANAGER : CURTIS J. LIESENFELT
SCALE : 1" = 400	DRAWN BY : MARK E. ANDERSON
PROJECT DATE : 10/28/92	DRAWING FILE NAME : [C70]C:\LASER\T-15\1546A
PLOT DATE : 12/11/92	SHEET 1 OF 1