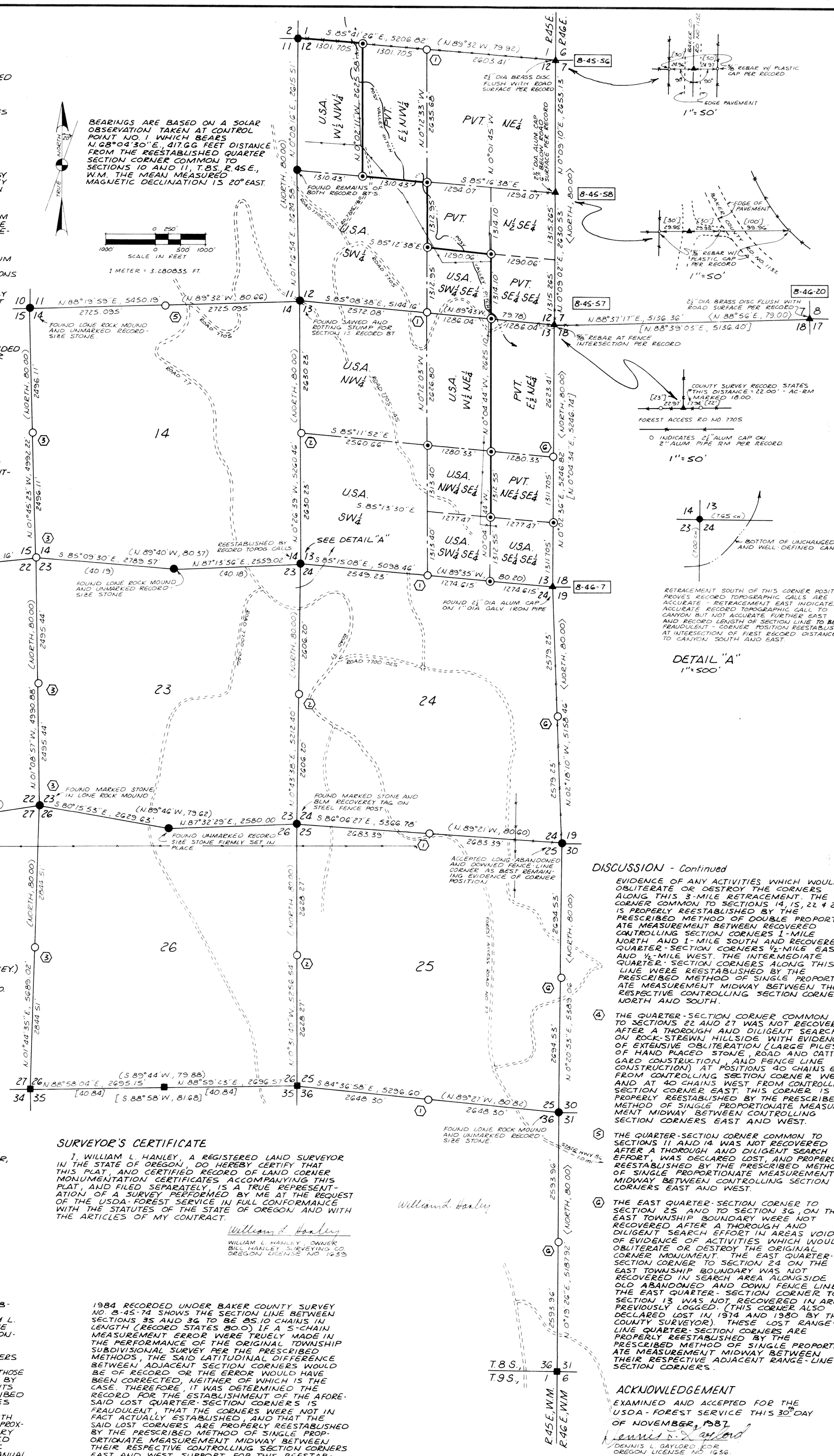
LEGEND

- ● SET 2"×30" ALUMINUM PIPE WITH 2½" ALUMINUM CAP AT RECOVERED ORIGINAL CORNER POSITION. ACCOMPANYING REMONUMENTATION RECORD FILED SEPARATELY.
- ■ FOUND BRASS CAP ON IRON PIPE SET BY THE USDI-BLM. SEE BAKER COUNTY SURVEY NO. 8-45-74 AND THE ACCOMPANYING FIELD NOTES FOR REMONUMENTATION RECORD.
- ▲ FOUND CORNER MONUMENT OR REFERENCE MONUMENTS SET UNDER THE SUPERVISION OF THE BAKER COUNTY SURVEYOR. SEE BAKER COUNTY SURVEY REFERENCED THUS [8-45-XX] FOR REMONUMENTATION RECORD.
- ⬢ FOUND 2½" BRASS CAP ON 2" IRON PIPE SET BY VICTOR MCLIND, ORLS 934, SEE BAKER COUNTY SURVEY NO. 8-45-33 FOR REMONUMENTATION RECORD.
- ○ ORIGINAL CORNER POSITION DECLARED LOST.... SET 2"×30" ALUMINUM PIPE WITH 2½" ALUMINUM CAP AT POSITION DETERMINED BY APPROPRIATE SINGLE- OR DOUBLE-PROPORTIONATE MEASUREMENT. ACCOMPANYING REMONUMENTATION RECORD FILED SEPARATELY.
- ◉ SET 2"×30" ALUMINUM PIPE WITH 2½" ALUMINUM CAP AT POSITION DETERMINED BY PROPER SUBDIVISION INTO ALIQUOT PARTS OF SECTIONS PERTAINING.
- < > RECORD OF ORIGINAL SURVEY PERFORMED BY N.O. WALDEN UNDER GLO SURVEY CONTRACT NO. 198 DATED JULY 15, 1873.
- ( ) RECORD OF ORIGINAL SURVEY PERFORMED BY W. B. BARR UNDER GLO SURVEY CONTRACT NO. 358 DATED JUNE 14, 1880.
- [ ] RECORD OF SURVEY SUPERVISED AND RECORDED BY J. D. HANLEY, ORLS 1206, UNDER BAKER COUNTY SURVEY NO. 8-46-27, OR AS NOTED.
- NATIONAL FOREST BOUNDARY MARKED THIS SURVEY.
- EXISTING FENCE LINE.
- FOREST ACCESS ROAD
- (1) SEE DISCUSSION INDEXED BY NUMBER.

NOTE

FOR RECORD OF CORNER MONUMENTATION SEE CERTIFIED RECORD OF LAND CORNER MONUMENTATION FILED SEPARATELY.



RETRACEMENT SOUTH OF THIS CORNER POSITION PROVES RECORD TOPOGRAPHIC CALLS ARE ACCURATE - RETRACEMENT EAST INDICATES ACCURATE RECORD TOPOGRAPHIC CALL TO CANYON BUT NOT ACCURATE FURTHER EAST AND RECORD LENGTH OF SECTION LINE TO BE FRAUDULENT - CORNER POSITION REESTABLISHED AT INTERSECTION OF FIRST RECORD DISTANCE TO CANYON SOUTH AND EAST.

DETAIL "A"
1"=500'

HISTORY OF SURVEYS

THE RANGE LINE IN T.8S. BETWEEN RANGES 45 AND 46 E., W.M., AND THE SUBDIVISION OF T.8S., R.46E., W.M., WAS SURVEYED ORIGINALLY BY N.O. WALDEN UNDER GLO SURVEY CONTRACT NO. 198 DATED JULY 15, 1873. (NO QUARTER-SECTION CORNERS WERE RECOVERED DURING THE RETRACEMENT PRELIMINARY TO THIS RESURVEY.)

T.8S., R.45E., W.M., WAS SUBDIVIDED ORIGINALLY BY W.B. BARR UNDER GLO SURVEY CONTRACT NO. 358 DATED JUNE 14, 1880. (SEVERAL INSTANCES OF FRAUDULENT ENTRY TO THE OFFICIAL RECORD WERE DISCOVERED DURING THE RETRACEMENT PRELIMINARY TO THIS RESURVEY.)

THE CORNER COMMON TO TOWNSHIPS 8 AND 9 SOUTH AND RANGES 45 AND 46 EAST, W.M., REMONUMENTED BY OTIS GOULD IN 1938.

CERTAIN CORNERS ON THE RANGE LINE IN T.8S., BETWEEN RANGES 45 AND 46 E., W.M., WERE REESTABLISHED AND/OR REMONUMENTED UNDER SUPERVISION OF J.D. HANLEY, BAKER COUNTY SURVEYOR, IN 1971, 1976, 1980 AND 1984.

THE CORNER COMMON TO SECTIONS 1, 2, 11 AND 12, IN T.8S., R.45E., W.M., WAS REMONUMENTED BY VICTOR MCLIND, ORLS 934, IN 1979, UNDER USDI-USFS CONTRACT.

CERTAIN ORIGINAL GLO CORNERS ON THE SOUTH BOUNDARY AND INTERIOR OF T.8S., R.45E., W.M., WERE REESTABLISHED AND/OR REMONUMENTED BY WILLIAM D. KIMMEL, BLM CADASTRAL SURVEYOR, IN 1983 AND 1984.

SURVEYOR'S CERTIFICATE

I, WILLIAM L. HANLEY, A REGISTERED LAND SURVEYOR IN THE STATE OF OREGON, DO HEREBY CERTIFY THAT THIS PLAT, AND CERTIFIED RECORD OF LAND CORNER MONUMENTATION CERTIFICATES ACCOMPANYING THIS PLAT, AND FILED SEPARATELY, IS A TRUE REPRESENTATION OF A SURVEY PERFORMED BY ME AT THE REQUEST OF THE USDA-FOREST SERVICE IN FULL CONFORMANCE WITH THE STATUTES OF THE STATE OF OREGON AND WITH THE ARTICLES OF MY CONTRACT.

William L. Hanley

WILLIAM L. HANLEY, OWNER
BILL HANLEY SURVEYING CO.
OREGON LICENSE NO. 1639

NARRATIVE OF SURVEY

THIS DEPENDENT RESURVEY AND PARTIAL SUBDIVISIONAL SURVEY OF SECTIONS 12 AND 13, IN T.8S., R.45E., W.M., WAS PERFORMED BY WILLIAM L. HANLEY, ORLS NO. 1639, AT THE REQUEST OF THE USDA-FOREST SERVICE FOR THE PURPOSE OF MONUMENTING CERTAIN FOUND OR REESTABLISHED ORIGINAL GOVERNMENT LAND CORNERS AND ESTABLISHING CERTAIN LAND OWNERSHIP CORNERS AND BOUNDARY LINES WHICH DELINEATE THE BOUNDARY BETWEEN PRIVATE OWNERSHIP AND THOSE LANDS OF THE PUBLIC DOMAIN ADMINISTERED BY THE USDA-FOREST SERVICE. CORNER MONUMENTS ESTABLISHED DURING THIS SURVEY ARE DESCRIBED IN THE LEGEND TO THIS PLAT. BOUNDARY LINES WERE ESTABLISHED BY OFFSET MEASUREMENT FROM CONTROL SURVEY POINTS AND MARKED WITH 6-FOOT LONG STEEL FENCE POSTS SPACED AT APPROXIMATELY 200-FOOT INTERVALS WITH USFS BOUNDARY SIGNS S4-2 ATTACHED. FIELD INSTRUMENTS USED WERE A 6-SECOND THEODOLITE AND ELECTRONIC DISTANCE METER CONTAINED IN A SINGLE-UNIT MANUAL TOTAL STATION WITH ANGLES AND DISTANCES TAKEN TO REMOTE SINGLE- OR TRIPLE-PRISM ASSEMBLIES ATTACHED TO 4-FOOT TELESCOPING RANGE POLE PLUMBED WITH 2-LEGGED TRIPOD. BACKSIGHTS TAKEN TO NAIL IN 4-FOOT LATH. MEASUREMENTS TO CORNER ACCESSORIES AND PHOTO IDENTIFICATION POINTS WITH A STAFF COMPASS WITH 3-INCH NEEDLE AND STEEL TAPE.

DISCUSSION

SIGNIFICANT DIFFERENCES BETWEEN THE OFFICIAL ORIGINAL SURVEY RECORD AND THE RETURNS OF THIS SURVEY WERE DISCOVERED REGARDS THE ORIGINAL TOWNSHIP SUBDIVISIONAL SURVEY PERFORMED BY W. B. BARR IN 1880 AND THOSE DIFFERENCES ARE DISCUSSED BELOW.

(1) THE QUARTER-SECTION CORNERS COMMON TO SECTIONS 1 AND 12, 12 AND 13, 13 AND 24, 24 AND 25, AND TO SECTIONS 25 AND 36, EACH BEING ½-MILE WEST OF THE EAST BOUNDARY OF T.8S., R.45E., W.M., WERE NOT RECOVERED AFTER A THOROUGH AND DILIGENT SEARCH EFFORT. (SEARCH AREAS WERE CONCENTRATED AT 40 CHAINS EAST OF THE CONTROLLING WEST SECTION CORNER AND AT 40 CHAINS WEST OF THE CONTROLLING EAST SECTION CORNER - THE FORMER SEARCH AREA WAS BEST SUPPORTED BY RECORD TOPOGRAPHIC CALLS). THE DIFFERENCE IN LATITUDINAL POSITION OF THE RESPECTIVE ADJACENT SECTION CORNER WEST AND ADJACENT RANGE-LINE SECTION CORNER EAST OF EACH OF THESE LOST QUARTER-SECTION CORNERS VARIES FROM 367 FEET TO 497 FEET, THE WEST SECTION CORNERS ALWAYS BEING MOST NORTHERLY, AND AVERAGED 422 FEET (6.4 CHAINS). A RETRACEMENT SURVEY PERFORMED BY THE U.S.D.I.-BLM IN 1983 AND 1984 RECORDED UNDER BAKER COUNTY SURVEY NO. 8-45-74 SHOWS THE SECTION LINE BETWEEN SECTIONS 35 AND 36 TO BE 85.10 CHAINS IN LENGTH (RECORD STATES 80.0) IF A 5-CHAIN MEASUREMENT ERROR WERE TRUELY MADE IN THE PERFORMANCE OF THE ORIGINAL TOWNSHIP SUBDIVISIONAL SURVEY PER THE PRESCRIBED METHODS, THE SAID LATITUDINAL DIFFERENCE BETWEEN ADJACENT SECTION CORNERS WOULD BE OF RECORD OR THE ERROR WOULD HAVE BEEN CORRECTED, NEITHER OF WHICH IS THE CASE. THEREFORE, IT WAS DETERMINED THE RECORD FOR THE ESTABLISHMENT OF THE AFORESAID LOST QUARTER-SECTION CORNERS IS FRAUDULENT, THAT THE CORNERS WERE NOT IN FACT ACTUALLY ESTABLISHED, AND THAT THE SAID LOST CORNERS ARE PROPERLY REESTABLISHED BY THE PRESCRIBED METHOD OF SINGLE PROPORTIONATE MEASUREMENT MIDWAY BETWEEN THEIR RESPECTIVE CONTROLLING SECTION CORNERS EAST AND WEST. SUPPORT FOR THIS REESTABLISHMENT IS THE NORTH LINE OF SECTION 12, MARKED BY A LONG-USED AND ACCEPTED BOUNDARY FENCE LINE CONNECTING THE CONTROLLING SECTION CORNER WEST AND THE PROJECTED FENCE-LINE AT COUNTY ROAD RIGHT-OF-WAY INTERSECTION EAST TO SECTION CORNER EAST. THE REESTABLISHED QUARTER-SECTION CORNER COMMON TO SECTIONS 1 AND 12 IS POSITION EXACTLY IN SAID FENCE LINE.

(2) THE QUARTER-SECTION CORNERS COMMON TO SECTIONS 13 AND 14, TO SECTIONS 23 AND 24, AND TO SECTIONS 25 AND 26 WERE NOT RECOVERED AFTER A THOROUGH AND DILIGENT SEARCH AND SUBSEQUENTLY DECLARED LOST. THEY ARE PROPERLY REESTABLISHED BY THE PRESCRIBED METHOD OF SINGLE PROPORTIONATE MEASUREMENT MIDWAY BETWEEN THEIR RESPECTIVE CONTROLLING SECTION CORNERS NORTH AND SOUTH. IT IS NOTED THAT THE RECORD TOPOGRAPHIC CALLS ARE GENERALLY CONSISTENT WITH THOSE FEATURES ENCOUNTERED DURING THIS SURVEY ALONG THIS LINE.

(3) THE SECTION LINES BETWEEN SECTIONS 14 AND 15, BETWEEN SECTIONS 22 AND 23, AND BETWEEN SECTIONS 26 AND 27 WERE THOROUGHLY AND DILIGENTLY SEARCHED WITH THE CORNER COMMON TO SECTIONS 22, 23, 26 & 27 BEING THE SOLE RECOVERED CORNER. THE SAID RECOVERED SECTION CORNER IS POSITIVE WITH RESPECT TO THE CORNER STONE AND SUPPORTING ROCK MOUND, HOWEVER, THE RECORD TOPOGRAPHIC CALLS DO NOT SUPPORT THE CORNER POSITION AND ARE DETERMINED TO BE FRAUDULENT. SIMILARLY, THE RETRACEMENT 2 MILES NORTH AND 1 MILE SOUTH OF THE SAID RECOVERED SECTION CORNER IS NOT CONSISTENT WITH THE OFFICIAL RECORD AND SAID RECORD IS FRAUDULENT. THERE IS NO

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DISCUSSION - Continued

EVIDENCE OF ANY ACTIVITIES WHICH WOULD OBLITERATE OR DESTROY THE CORNERS ALONG THIS 3-MILE RETRACEMENT. THE CORNER COMMON TO SECTIONS 14, 15, 22 & 23 IS PROPERLY REESTABLISHED BY THE PRESCRIBED METHOD OF DOUBLE PROPORTIONATE MEASUREMENT BETWEEN RECOVERED CONTROLLING SECTION CORNERS 1-MILE NORTH AND 1-MILE SOUTH AND RECOVERED QUARTER-SECTION CORNERS ½-MILE EAST AND ½-MILE WEST. THE INTERMEDIATE QUARTER-SECTION CORNERS ALONG THIS LINE WERE REESTABLISHED BY THE PRESCRIBED METHOD OF SINGLE PROPORTIONATE MEASUREMENT MIDWAY BETWEEN THEIR RESPECTIVE CONTROLLING SECTION CORNERS NORTH AND SOUTH.

(4) THE QUARTER-SECTION CORNER COMMON TO SECTIONS 22 AND 27 WAS NOT RECOVERED AFTER A THOROUGH AND DILIGENT SEARCH ON ROCK-STREWN HILLSIDE WITH EVIDENCE OF EXTENSIVE OBLITERATION (LARGE PILES OF HAND PLACED STONE, ROAD AND CATTLE-GARD CONSTRUCTION, AND FENCE LINE CONSTRUCTION) AT POSITIONS 40 CHAINS EAST FROM CONTROLLING SECTION CORNER WEST AND AT 40 CHAINS WEST FROM CONTROLLING SECTION CORNER EAST. THIS CORNER IS PROPERLY REESTABLISHED BY THE PRESCRIBED METHOD OF SINGLE PROPORTIONATE MEASUREMENT MIDWAY BETWEEN CONTROLLING SECTION CORNERS EAST AND WEST.

(5) THE QUARTER-SECTION CORNER COMMON TO SECTIONS 11 AND 14 WAS NOT RECOVERED AFTER A THOROUGH AND DILIGENT SEARCH EFFORT, WAS DECLARED LOST, AND PROPERLY REESTABLISHED BY THE PRESCRIBED METHOD OF SINGLE PROPORTIONATE MEASUREMENT MIDWAY BETWEEN CONTROLLING SECTION CORNERS EAST AND WEST.

(6) THE EAST QUARTER-SECTION CORNER TO SECTION 25 AND TO SECTION 36, ON THE EAST TOWNSHIP BOUNDARY WERE NOT RECOVERED AFTER A THOROUGH AND DILIGENT SEARCH EFFORT IN AREAS VOID OF EVIDENCE OF ACTIVITIES WHICH WOULD OBLITERATE OR DESTROY THE ORIGINAL CORNER MONUMENT. THE EAST QUARTER-SECTION CORNER TO SECTION 24 ON THE EAST TOWNSHIP BOUNDARY WAS NOT RECOVERED IN SEARCH AREA ALONGSIDE OLD ABANDONED AND DOWN FENCE LINE. THE EAST QUARTER-SECTION CORNER TO SECTION 13 WAS NOT RECOVERED IN AREA PREVIOUSLY LOGGED. (THIS CORNER ALSO DECLARED LOST IN 1974 AND 1980 BY THE COUNTY SURVEYOR). THESE LOST RANGE-LINE QUARTER-SECTION CORNERS ARE PROPERLY REESTABLISHED BY THE PRESCRIBED METHOD OF SINGLE PROPORTIONATE MEASUREMENT MIDWAY BETWEEN THEIR RESPECTIVE ADJACENT RANGE-LINE SECTION CORNERS.

ACKNOWLEDGEMENT

EXAMINED AND ACCEPTED FOR THE USDA-FOREST SERVICE THIS 30th DAY OF NOVEMBER, 1987.

Dennis L. Gaylord

DENNIS L. GAYLORD, COR.
OREGON LICENSE NO. 1636.

RECORD OF SURVEY PLAT

STRINGER CADASTRAL SURVEY

USDA-FOREST SERVICE CONTRACT NO. 53-04H1-6-0166N

IN T.8S., R.45E., W.M.

Surveyed May, June & July, 1987 — Scale 1"=1000'

SURVEYED BY: WILLIAM L. HANLEY, OWNER
BILL HANLEY SURVEYING CO.
3120 GRANDVIEW DR.
P.O. BOX 824
BAKER, OREGON 97814
(503) 523-4325

FIELD BOOK REFERENCES

FIELD BOOK NOS. 1, 2 & 3, STRINGER CADASTRAL SURVEY

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