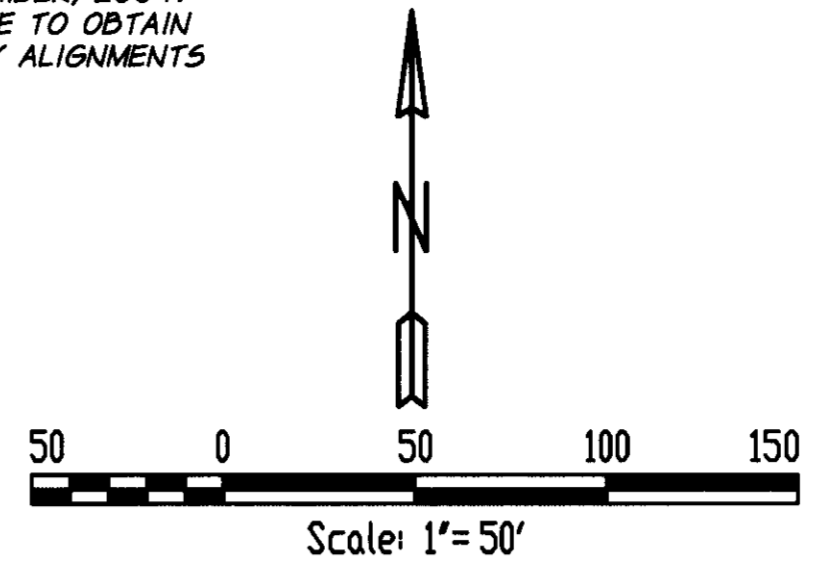


NOTE: THE OREGON STATE HWY. DIV. MONUMENTS SHOWN IN THE VICINITY OF THE INTERSECTION OF THIELSON ST. AND MAIN ST. ARE AS THEY WERE FOUND IN THE FIELD DURING DECEMBER, 2004. WE HAVE CONTACTED THE OREGON DEPT. OF TRANSPORTATION AND HAVE BEEN UNABLE TO OBTAIN ANY INFORMATION CONCERNING THE RELATIONSHIP OF THESE MONUMENTS TO ROADWAY ALIGNMENTS AND BOUNDARIES IN THE AREA.



BASIS OF BEARINGS

THE BEARINGS SHOWN ON THIS DRAWING ARE GRID BEARINGS AND ARE REFERENCED TO THE OREGON STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD83 (1991) AS DETERMINED BY GPS OBSERVATIONS FROM NATIONAL GEODETIC SURVEY CONTROL STATION "ECHO 1916 USC665". APPLY THE THETA ANGLE OF 0°55'42.3" IN A CLOCKWISE DIRECTION TO THE BEARINGS SHOWN ON THIS DRAWING TO OBTAIN THE EQUIVALENT TRUE BEARING.

REFERENCE MATERIAL

- UMATILLA COUNTY RECORDS:
- #1 SURVEY 05-39-B BY EDWARDS FOR GARCIA, 2004
 - #2 SURVEY 92-61-B BY EDWARDS FOR CITY OF ECHO, 1992
 - #3 SURVEY Q 930-C BY HAYES FOR ECHO SCHOOLS, 1954
 - #4 SURVEY Q-1130-C BY KRUMBEIN FOR ECHO SCHOOLS, 1979
 - #5 SURVEY 97-12-B BY EDWARDS FOR DORN, 1996
 - #6 SUBDIVISION-W.W. WHITWORTH'S ADDITION, DEED BOOK 1, PAGE 423
 - #7 SUBDIVISION-GULLIFORD'S ADDITION, DEED BOOK 45, PAGE 36
 - #8 SUBDIVISION-HAULSTEAD'S ADDITION, PLAT BOOK 2, PAGE 79
 - #9 KOONTZ-SECOND ADDITION, PLAT BOOK 2, PAGE 67
 - #10 DEED MICROFILM REEL 231, PAGE 1116
 - #11 PARTITION PLAT 1996-39
 - #12 DEED NUMBER 2004-4710692
 - #13 DEED BOOK 88, PAGE 209, (1914)
 - #14 DEED BOOK 196, PAGE 226, (1951)
 - #15 DEED BOOK 95, PAGE 62, (1916)
- Ⓢ VACATION ORDINANCE NO. 54 (DEED BOOK 321, PAGE 99)
 - Ⓢ VACATION ORDINANCE NO. 72 (DEED BOOK 86, PAGE 419)
 - Ⓢ VACATION ORDINANCE NO. 133 (DEED BOOK 197, PAGE 311)
 - Ⓢ VACATION ORDINANCE NO. 186 (DEED BOOK 332, PAGE 459)
 - Ⓢ VACATION ORDINANCE NO. 189 (DEED BOOK 332, PAGE 462)
 - Ⓢ VACATION ORDINANCE NO. 190 (DEED BOOK 332, PAGE 463)
 - Ⓢ VACATION ORDINANCE NO. 191 (DEED BOOK 332, PAGE 464)
 - Ⓢ VACATION ORDINANCE NO. 192 (MICROFILM NO. 353855)
 - Ⓢ VACATION ORDINANCE NO. 315-98 (MICROFILM NO. 1998-3270734)

SURVEY NARRATIVE

THIS SURVEY WAS PERFORMED AT THE REQUEST OF THE CITY OF ECHO IN CONJUNCTION WITH THE CONSTRUCTION OF STREET IMPROVEMENTS, SIDEWALKS, AND BIKEPATHS ALONG THIELSON STREET FROM THE VICINITY OF ITS INTERSECTION WITH MAIN STREET TO THE VICINITY OF THE ECHO SCHOOL DISTRICT PROPERTY, AND ALONG GERONE STREET FROM ITS INTERSECTION WITH THIELSON STREET TO THE VICINITY OF ITS INTERSECTION WITH HEISTAND STREET AND THE U.S. FEED CANAL BRIDGE. THIS SURVEY UTILIZES RECORD DOCUMENTS AND FIELD SURVEY MEASUREMENTS OBTAINED DURING A SITE SURVEY PERFORMED AT THE ECHO SCHOOL SITE DURING AUGUST-SEPTEMBER, 2003, WITH ADDITIONAL RECORDS RESEARCH AND FIELD SURVEYS PERFORMED DURING DECEMBER, 2004. THIS SURVEY IS INTENDED TO DEPICT THE LOCATIONS OF THE RIGHT-OF-WAY LINES AS THEY EXIST AND ARE DOCUMENTED IN THE RECORDS CITED ON THIS DRAWING. THIS SURVEY IS ALSO INTENDED TO SATISFY THE REQUIREMENTS OF OREGON REVISED STATUTES CHAPTER 209.155 CONCERNING PRESERVING THE LOCATION OF SURVEY MONUMENTS WHICH MAY BE REMOVED DURING ROAD CONSTRUCTION.

THE MEASUREMENTS FOR BOTH OF THESE FIELD SURVEYS WERE OBTAINED WITH ELECTRONIC TOTAL STATION SURVEY INSTRUMENTS HAVING AN ANGULAR ACCURACY OF THREE SECONDS STANDARD DEVIATION AND DISTANCE ACCURACY OF 0.01 FEET +/- THREE PPM, AND DUAL FREQUENCY GPS RECEIVERS WITH STANDARD DEVIATIONS OF ONE CENTIMETER +/- ONE PPM, OPERATED IN BOTH STATIC AND REAL-TIME KINEMATIC MODES.

THE LOCATION OF THE EASTERLY LINE OF THIELSON STREET AND THE INTERSECTING STREETS LYING NORTHWESTERLY OF THE SOUTH LINE OF BUCKLEY STREET IS BASED ON REFERENCE MATERIAL #1, FROM TIES TO THE MONUMENTS FOUND ALONG THE NORTHERLY SIDE OF BLOCK 11 AND THE WESTERLY SIDE OF BLOCK 5, KOONTZ 2ND. ADD. THE RECORD ANGLE OF INTERSECTION OF THE SOUTHERLY LINE OF BUCKLEY ST. WITH THE EASTERLY LINE OF THIELSON ST. AS SHOWN OF REFERENCE MATERIAL #1 WAS PRESERVED, AND THE LOCATIONS OF THE INTERSECTING MAIN ST. AND BRIDGE ST. WERE ESTABLISHED AT PROPORTIONAL DISTANCES ALONG THE EASTERLY LINE OF THIELSON ST.. THE WESTERLY LINE OF THIELSON ST. IS ESTABLISHED 60.00' FROM AND PARALLEL TO THE EASTERLY LINE OF THIELSON ST.. THIS LOCATION OF THE RIGHT-OF-WAY LINES OF THIELSON ST. IS IN GOOD AGREEMENT WITH THE PHYSICAL CENTERLINE OF THE UNION PACIFIC RAILROAD MAINLINE TRACK AS SHOWN ON THE PLATS OF KOONTZ 2ND. ADD. (#9) AND HAULSTEAD'S ADD. (#8).

THE RIGHT-OF-WAY LINES OF THIELSON ST. LYING SOUTHERLY OF THE SOUTHERLY LINE OF BUCKLEY ST. ARE ESTABLISHED BY EXTENDING THE LINES OF THIELSON ST. JUST DESCRIBED TO THE SOUTHEAST, LOCATING THE INTERSECTING STREETS AT RECORD PLAT DISTANCES ALONG THIELSON ST. WITH THE DIRECTION OF THE INTERSECTING STREETS RUNNING PARALLEL TO THE SOUTHERLY LINE OF BUCKLEY ST.. THE PLAT OF HAULSTEAD'S ADD. (#8) SHOWS THIELSON ST. TO BE UNIFORMLY 60' WIDE AND PARALLEL TO THE RAILROAD. THE WIDTH OF THE RAILROAD "DEPOT GROUNDS" TO BE 125'. THE RAILROAD RIGHT-OF-WAY TO BE UNIFORM, ALTHOUGH UNDIMENSIONED WIDTH, AND THE DEPTH OF THE LETTERED LOTS LYING BETWEEN THE RAILROAD AND THIELSON ST. TO BE 76' IN DEPTH. THIS PLAT IS UNCLEAR CONCERNING THE LOCATION OF THE NORTHERLY LINE OF THE SERIES OF LETTERED LOTS LYING BETWEEN THIELSON ST AND THE RAILROAD R/W.

THE PLAT OF KOONTZ 2ND. ADD. (#9) APPEARS TO BE AN EXTENSION OF THE BLOCK AND STREET LAYOUT OF HAULSTEAD'S ADD. AND SHOWS THIELSON ST. TO 60' WIDE, THE DEPOT GROUNDS TO BE 125' WIDE, THE RAILROAD R/W TO BE 50' ON EACH SIDE OF THE RAILROAD CENTERLINE, AND THE DIMENSION OF THE LAND REMAINING BETWEEN THE RAILROAD R/W AND THIELSON ST. TO BE 75'.

REFERENCE MATERIAL #4 LOCATES A PORTION OF THIELSON ST. AT AN APPARENT PROPORTIONAL DISTANCE FROM THE RAILROAD, AND LOCATES ANOTHER PORTION OF THIELSON ST. AT AN APPARENT RECORD DIMENSION FROM THE RAILROAD. OUR ESTABLISHMENT OF THE LINES OF THIELSON ST. AS DESCRIBED ABOVE CONFORM TO THE DIMENSIONS GIVEN ON REFERENCE MATERIAL #8 AND #9, WITH THE EXCEPTION OF THE DEPTH OF THE LETTERED LOTS ON HAULSTEAD'S ADD., WHICH WE ESTABLISH AT 75'.

IN ORDER TO PROVIDE A LOCATION FOR THE 6'X35' DEDICATION DESCRIBED IN DEED 2004-4710692 (#12), WHICH RELIES ON THE LOCATION OF THE NORTHEAST CORNER OF LOT A, HAULSTEAD'S ADD., WE FIRST LOCATE THE SOUTHEASTERN LINE OF THE DEPOT GROUNDS AS SHOWN OF KOONTZ 2ND. ADD., AND THEN LOCATE THE NORTHEAST CORNER OF SAID LOT AT THE DEED DISTANCE, WHICH IS A MORE OR LESS AS GIVEN IN (#12). NO OTHER RECORDS, OTHER THAN (#4) AND (#12) HAVE BEEN FOUND TO BASE THE LOCATION OF LOT ON, AND THE PLAT OF HAULSTEAD'S ADD. IS UNCLEAR AS TO ITS LOCATION. NOTE THAT WE ARE NOT IN AGREEMENT WITH THE FOUND MONUMENT SHOWN FROM (#4). SINCE THE STREET IMPROVEMENTS TO WHICH THIS SURVEY IS RELATED END IN THE VICINITY OF THE ECHO SCHOOL, A DETERMINATION OF THE RIGHT-OF-WAY FOR THIELSON ST. SOUTHEASTERLY FROM THE SCHOOL AREA IS NOT UNDERTAKEN AT THIS TIME.

GERONE STREET, LYING IN THE WEST 1/2 OF THE SE 1/4, SEC. 16, RUNS EASTERLY THROUGH PORTIONS OF HAULSTEAD'S ADD. AND KOONTZ 2ND. ADD., AND IS NOT IDENTIFIED AS A DEDICATED STREET ON THESE PLATS. AS GERONE ST. HAS BEEN BOTH A COUNTY ROAD AND A STATE HIGHWAY, WE SEARCHED FOR RECORDS AT UMATILLA COUNTY AND THE STATE OF OREGON. NO RECORD OF ESTABLISHMENT WAS FOUND AT THE UMATILLA COUNTY ROAD DEPT., HOWEVER, A DRAWING TITLED "ECHO-STAGE GULCH MARKET ROAD NO. 11, UNIT

NO. 2, CONSTRUCTED LINE DEC., 1927 WAS FOUND IN THE UMATILLA COUNTY ROAD DEPARTMENT RECORDS. THIS DRAWING DEPICTS A ROADWAY ALIGNMENT OF UNIFORM UNDIMENSIONED WIDTH BEGINNING AT A POINT IN THIELSON ST. BUT GIVES NO OTHER LOCATIVE INFORMATION OR DIMENSIONS. WE CHOOSE TO DISREGARD THIS DRAWING AS IT APPEARS THAT DEED DOCUMENTS (DEED BOOK 88, PAGE 209, AND BOOK 95, PAGE 62.) EXISTING PRIOR TO 1927 HAVE ESTABLISHED THE RIGHT-OF-WAY LIMITS FOR GERONE ST. IN OUR AREA OF INTEREST AND NO RECORDS HAVE BEEN FOUND WHICH WOULD ACT TO REFORM THESE PRIOR LIMITS TO BOUNDARIES DEPICTED ON THIS 1927 DRAWING.

THE INTERSECTION OF THE NORTH LINE OF GERONE ST. AND THE WESTERLY LINE OF GARFIELD ST. (VACATED) IS ESTABLISHED BY RETRACING THE BOUNDARY OF THE HAYES SURVEY, 1954 (#3) AS SHOWN ON REFERENCE MATERIAL (#1,2,4). THE HAYES SURVEY PROVIDING THE LOCATION OF THE BOUNDARIES OF THE PARCEL DESCRIBED IN DEED BOOK 196, PAGE 226 (#14), 1950, CITY OF ECHO TO SCHOOL DIST. NO. 5 OF ECHO. NOTE THAT THIS LOCATION OF THE WEST LINE OF GARFIELD ST., WHICH BY PLAT (#8,9) IS THE N-S 1/16 SUBDIVISIONAL LINE OF BOTH THE NE 1/4 AND SE 1/4 OF SEC. 16, DISAGREES WITH THE MONUMENTED 1/16 CORNER ESTABLISHED BY SURVEY Q 1130-C (#4). A CIRCUMSTANCE WHICH HAS BEEN DOCUMENTED PREVIOUSLY BY (#2,5). THE RECORD (#4) ANGLE AT THE INTERSECTION OF THE NORTH LINE OF GERONE ST. WITH THE SOUTHERLY EXTENSION OF THE WESTERLY LINE OF GARFIELD ST. (VACATED) IS USED TO ESTABLISH THE WESTERLY DIRECTION OF THE NORTH LINE OF GERONE ST., WHICH IS THEN EXTENDED TO INTERSECT THE EASTERLY LINE OF THIELSON ST.. THIS INTERSECTION POINT LIES 4.52' SOUTH-EASTERLY FROM THE NW CORNER, BLOCK 5, HAULSTEAD'S ADD. WHICH IS IN AGREEMENT WITH THE DEED DIMENSION IN REFERENCE MATERIAL (#10).

THE SOUTH LINE OF GERONE ST. LYING IN THE WEST 1/2 OF THE SE 1/4 OF SEC. 16 AND WITHIN BLK. 5, HAULSTEAD'S ADD. IS ESTABLISHED BY DIMENSIONS GIVEN IN DEED BOOK 88, PAGE 209 (#13). THE SOUTH LINE OF GERONE ST. LYING BETWEEN BLK. 5 AND BLK. 10, HAULSTEAD'S ADD. IS ESTABLISHED AS DESCRIBED IN VACATION ORDINANCE NO. 192 (MICROFILM NO. 353855). (CONTINUED ON SHEET 2)

LEGEND

- ⊕ FOUND MONUMENT AS DESCRIBED AND CITED HEREON
- () RECORD DIMENSION OR DESCRIPTION FROM DOCUMENT CITED IN REFERENCE MATERIAL LISTING
- EXISTING RIGHT-OF-WAY LINE
- - - EXISTING SUBDIVISION BLOCK LINE
- - - - - EDGE OF EXISTING ASPHALT PAVEMENT
- - - - - EDGE OF EXISTING CONCRETE WALK OR WALL
- - - - - EXISTING FENCE LINE (WIRE, WOOD, CHAINLINK)
- Ⓢ REFER TO DOCUMENT CITED IN REFERENCE MATERIAL LISTING
- Ⓢ RECORD MONUMENT FROM SURVEY Q 930 C SEARCHED
- Ⓢ FOR-NOT FOUND

REGISTERED PROFESSIONAL LAND SURVEYOR

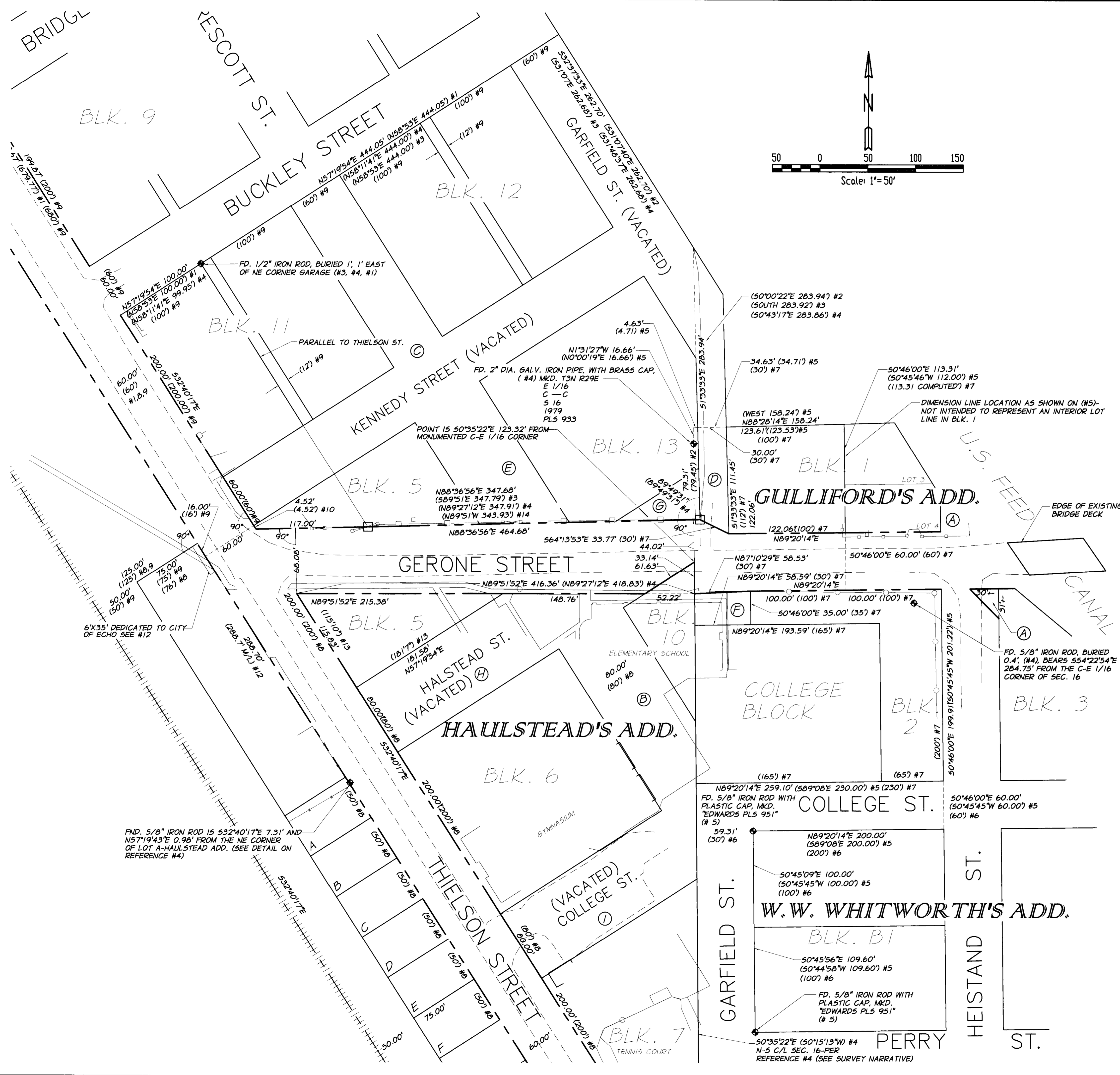
 H. M. PERY
 O.R.E. 0001
 JAN. 1, 1982
 HARRISON E. THIELSON
 1987
 Renewed 12/8/07

LOCATED IN THE NE 1/4 AND IN THE SE 1/4 OF SECTION 16, T.3N., R.29E., WILLAMETTE MERIDIAN, UMATILLA COUNTY, OREGON

MONUMENT RECOVERY AND RETRACEMENT SURVEY
THIELSON ST.-GERONE ST. CITY OF ECHO
 FOR: CITY OF ECHO, OREGON
 SCALE: 1"=50'
 DATE: MARCH, 2005
 JOB NO. 863-51(060) RW
 SHEET 1/2

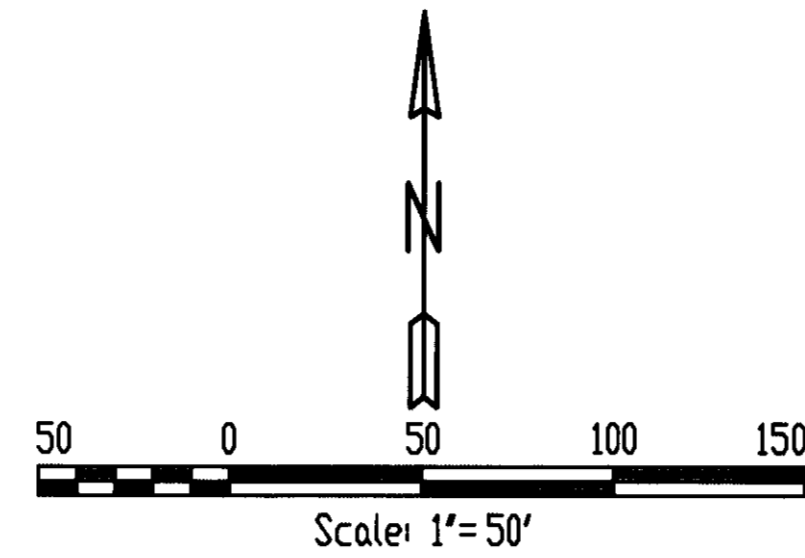
 ANDERSON PERY & ASSOCIATES, INC.
 20 S. BONANZA
 ECHO, OR 97029

RECEIVED BY
 Umatilla County Surveyors
 Date: 4-05
 Survey: RR
 No. 05-97-E



SURVEY NARRATIVE

(CONTINUED FROM SHEET 1)



THE ECHO SCHOOL DISTRICT ACQUIRED "ALL OF FRACTIONAL BLOCK 10 IN HAULSTEAD'S ADD." BY DEED, BOOK 50, PAGE 128, IN 1906. NO OTHER CONVEYANCE OF LAND FROM THE SCHOOL DISTRICT TO THE CITY, COUNTY, OR STATE HAS BEEN FOUND, THEREFORE, THE SOUTH LINE OF GERONE ST. IS ESTABLISHED TO FOLLOW THE NORTHWESTERLY LINE OF FRACTIONAL BLOCK 10.

GERONE ST. LYING IN THE EAST 1/2 OF THE SE 1/4 OF SEC. 16 AND LYING WEST OF THE U.S. FEED CANAL IS A DEDICATED STREET AND IS IDENTIFIED ON THE PLAT OF GULLIFORD'S ADD. (#7). TO ESTABLISH THE RIGHT-OF-WAY LINES OF GERONE ST. IN THIS AREA, WE ADOPT THE LOCATION OF THE BOUNDARIES OF GULLIFORD'S ADD. AS SHOWN ON SURVEY 97-12-B (#5), IN WHICH SURVEYOR EDWARDS STATES THAT HIS LOCATION OF THESE SUBDIVISION BOUNDARIES ARE BASED ON A BEST FIT TO THE EXISTING IMPROVEMENTS IN THE AREA. WE COMPUTE THE EDWARDS LOCATIONS BASED ON HIS RECORD DATA FROM OUR FIELD TIES TO THE C-E 1/16 OF SEC. 16 AND THE TWO MONUMENTS FOUND ALONG THE WEST SIDE OF BLK. B1 OF W.W. WHITWORTH'S ADD. (#6) WITH ONE EXCEPTION. SURVEYOR EDWARDS USES A RECORD DIMENSION OF 112.00' FOR THE NORTH-SOUTH WIDTH OF BLK. 1, GULLIFORD'S ADD.. AN INSPECTION OF THE PLAT OF GULLIFORD'S ADD. INDICATES THAT LOTS 1 AND 2 IN BLK. 1 ARE VARIABLE IN N-S DIMENSION AND THAT THE COMPUTED RECORD DIMENSION ALONG THE SAME LINE USED BY EDWARDS SHOULD BE 113.31'. WE HOLD EDWARDS' LOCATION FOR THE NORTH LINE OF BLK. 1 AND ALSO THE SOUTH LINE OF BLK. 2, GULLIFORD'S ADD. AND SHIFT THE NORTH AND SOUTH LINES OF GERONE ST. 1.31' SOUTHERLY FROM THE EDWARDS LOCATIONS. THIS CAUSED THE NORTH-SOUTH DIMENSION OF BLK. 2 TO BE REDUCED FROM EDWARDS' LENGTH OF 201.22' TO 199.91', WHICH IS VERY NEARLY THE SAME AS THE ORIGINAL DISTANCE OF 200'.

THE REMAINING SEGMENT OF THE NORTH LINE OF GERONE ST. IN THE VICINITY OF VACATED GARFIELD ST. IS ESTABLISHED FROM THE SOUTHWEST CORNER OF BLK. 1, GULLIFORD'S ADD. TO THE INTERSECTION OF THE WESTERLY LINE OF GARFIELD ST. (VACATED) WITH THE NORTH LINE OF GERONE ST. AS PREVIOUSLY DESCRIBED.

IN ORDER TO ESTABLISH THE LOCATION OF THE REMAINING SEGMENT OF THE SOUTH LINE OF GERONE ST. LYING BETWEEN BLK. 10, HAULSTEAD'S ADD. AND BLK. 2, GULLIFORD'S ADD. WE FIRST ESTABLISH THE LOCATION AND DIRECTION OF THE N-S 1/16 LINE IN THE SE 1/4 OF SEC. 16 AS SHOWN OF SURVEY Q-1130-C, SOLELY FOR THE PURPOSE OF DEFINING AN ARBITRARY POINT BETWEEN HAULSTEAD'S ADD. AND GULLIFORD'S ADD. ALONG THE SOUTH LINE OF GERONE ST.. THE SOUTH LINE OF GERONE ST. PREVIOUSLY ESTABLISHED IN HAULSTEAD'S ADD. IS PROJECTED EASTERLY THROUGH FRACTIONAL BLK. 10 TO ESTABLISH THIS ARBITRARY POINT ON THE PROJECTED 1/16 LINE, FROM WHICH POINT THE REMAINING SEGMENT OF THE SOUTH LINE OF GERONE ST. IS THEN CARRIED TO ITS TERMINATION AT THE NORTHWEST CORNER OF BLK. 2, GULLIFORD'S ADD.. NOTE THAT IT IS NOT THE INTENT OF THIS SURVEY TO PROVIDE A LOCATION FOR THIS N-S 1/16 LINE FOR ANY PURPOSE OTHER THAN TO PROVIDE FOR THE ARBITRARY POINT DESCRIBED ABOVE. NUMEROUS PREVIOUS SURVEYS HAVE DOCUMENTED THE POSSIBILITY FOR SEVERAL DIFFERING LOCATIONS OF THIS 1/16 LINE TO EXIST.

HEISTAND STREET AND BLOCK 3 ARE POSITIONED AT THE RECORD DIMENSIONS SHOWN ON THE PLAT OF GULLIFORD'S ADD., REFERENCED FROM THE EDWARDS' LOCATION OF BLK. 2. VACATION ORDINANCE NO. 54 (REFERENCE MATERIAL "A") VACATES PORTIONS OF HEISTAND ST. ALONG BOTH THE NORTH AND SOUTH LINES OF GERONE ST.. THE VACATED AREA ALONG THE NORTH LINE OF GERONE ST. IS DESCRIBED AS "ALL THAT PORTION OF HEISTAND ST. ... THAT LIES EAST OF SAID LOT 4, BLK. 1 AND NORTH OF GERONE ST." THE VACATED AREA ALONG THE SOUTH LINE OF GERONE ST. IS GENERALLY DESCRIBED AS "ALL THAT PORTION OF HEISTAND ST. ... LYING SOUTH OF GERONE ST. AND WITHIN THE PRESENT RIGHT OF WAY OF THE HENRIETTA OR KOONTZ MILL RACE", AND IS FURTHER DESCRIBED USING THE APPROXIMATE DISTANCES SHOWN.

THE EXISTING LOCATION OF THE EXISTING EDGES OF ASPHALT PAVEMENT, CONCRETE WALKWAYS AND WALLS, FENCES, AND SOME BUILDING OUTLINES ARE SHOWN TO HELP RELATE THE LOCATION OF RIGHT-OF-WAY LINES TO PHYSICAL SITE FEATURES.

REGISTERED PROFESSIONAL LAND SURVEYOR

 Mark E. Henderson
 2537
 Renewed 12/8/07

LOCATED IN THE NE 1/4 AND IN THE SE 1/4 OF SECTION 16, T.3N, R.29E., WILLAMETTE MERIDIAN, UMATILLA COUNTY, OREGON

MONUMENT RECOVERY AND RETRACEMENT SURVEY	
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RECEIVED BY
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 Date: 4-05
 Surveyor: KK
 No. 05-97-16