





WESTON SUBDIVIONS BASE MAP

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STATE PLANE COORDINATES ARE OREGON NORTH ZONE, INTERNATIONAL FEET, NAD 83(91).
           PNT# STATE PLANE COORDINANTE
                                                                                                                      POINT DESCRIPTION
                     790483.50, 8730792.72, FD 5/8" REBAR, PLS 933, J-71-AX, MAY'S, SW COR LOT 12, BLK 1. 790571.74, 8731029.50, FD 5/8" REBAR, PLS 933, J-71-AX, MAY'S, NE COR LOT 6, BLK 1. 790491.77, 8731032.33, FD 5/8" REBAR, PLS 933, J-71-AX, MAY'S, SE COR LOT 5, BLK 1.
             304. 792723.72. 8731322.24. FD 5/8" REBAR, PLS 2350. SN 09-37-C. GISH'S, INT OF CL OF MARCHINI AND NORTHERLY RIGHT OF WAY OF OLD OR-WA HIGHWAY WHERE NORTHERLY RIGHT OF WAY 306. 792552.02. 8731287.15. FD 5/8" REBAR, PLS 2350. SN 09-37-C. GISH'S, INT OF CLAST LINE OF OLD ORTHIN FIRE NORTHERLY RIGHT OF WAY 306. 792552.02. 8731287.15. FD 5/8" REBAR, PLS 2350. SN 09-37-C. GISH'S, INT OF CLAST LINE OF OLD ORTHIN FORTHERSTERLY RIGHT OF WAY LINE OF OLD ORTHIN FORTH LINE OF LOT 6 BLK 1. 312. 792643. 69. 8731062.12. FD 5/8" REBAR, PLS 2350. SN 09-37-C. GISH'S, SW COR LOT 7, BLK 1. 312. 792644. 89. 8731062.12. FD 5/8" REBAR, PLS 2350. SN 09-37-C. GISH'S, SW COR LOT 7, BLK 2. 313. 791651.05. 8731062.12. FD 5/8" REBAR, PLS 2350. SN 09-37-C. GISH'S, SW COR LOT 7, BLK 2. 313. 791651.05. 8731062.12. FD 5/8" REBAR, PLS 2350. SN 09-37-C. GISH'S, SW COR LOT 7, BLK 2. 313. 791651.05. 8731062.12. FD 5/8" REBAR, PLS 2350. SN 09-37-C. GISH'S, SW COR LOT 7, BLK 2. 313. 791651.05. 873107.79. FD 5/8" REBAR, PLS 2350. SN 09-37-C. GISH'S, SW COR LOT 7, BLK 2. 313. 314. 791653.19. 791651.05. 873107.79. FD 5/8" REBAR, PLS 2350. SN 09-37-C. GISH'S, SW COR LOT 7, BLK 2. 313. 315. 791653.19. 791651.05. 873107.79. FD 5/8" REBAR, PLS 2350. SN 09-37-C. GISH'S, SW COR LOT 7, BLK 2. 313. 315. 791651.05. 873107.79. FD 5/8" REBAR, PLS 2350. SN 09-37-C. GISH'S, SW COR LOT 7,
                   789023.52, 8732428.17, STORMS, Q-720-AX, SW COR SE 1/4 NE 1/4 SEC 22, (CALC. POSITION ONLY).
788973.62, 8731112.45, C 1/4 COR SEC 22.
789008.27, 8732032.52, CALC PT ON S LINE BLK 2 GEORGE HARTMAN ADD & CL OF NORMAL ST.
789003.45, 8731904.62, CALC PT ON S LINE BLK 1 GEORGE HARTMAN ADD & E LINE OF BLK 11 MCARTHURS ADD, IF EXT N.
788992.17. 8731604.88, CALC INT OF BROAD ST CL & N LINE OF MCARTHURS RESERVE IF EXT E.
791650.06, 8731009.05, CALCULATED N 1/4 COR SEC 22, THIS SURVEY.
790311.84, 8731060.75, N1/16TH SEC 22.
787583.26, 8731330.80, FD 1° PIPE, UNKNOWN ORIGIN, (NOT HELD).
789902.01. 8731485.37. FD PIPE WITH LEAD PLUG AND TACK ORIGIN INEXAMONAL (NOT HELD).
                  789902.01, 8731485.37, FD PIPE, WITH LEAD PLUG AND TACK, ORIGIN UNKNOWN, (NOT HELD).
790296.94, 8730630.42, CALC, SW COR MAY ADD.
790872.30, 8731019.08, CALC, MOORHOUSE ADD, SE COR BLK 1.
790332.27, 8731079.97, CALC, I.E. SALINGS ADD, SW COR BLK 1.
790312.80, 8731040.70, CALC, SE COR BLK 1 MAYS.
789536.89, 8731378.77, CALC INT OF MAIN ST CL & FRANKLIN ST CL.
789518.44, 8731091.40, CALC INT OF MAIN ST CL & WATER ST CL.
790371.11, 8733690.51, FD 1/2 REBAR, PE 197, FD ON SURVEY Q-740-AX, N 1/16 COR SEC 22.
790336.68, 8732173.62, FD 1/2 REBAR, PE 197, SN Q-740-AX, PT ON N LINE OF SW1/4NE1/4 SEC 22.
                                                 8731485.37, FD PIPE, WITH LEAD PLUG AND TACK, ORIGIN UNKNOWN, (NOT HELD)
                     786933.55, 8731191.26, CALC INT OF POPLAR ST CL & WATER ST CL.
                     786946.43, 8731701.19, CALC INT OF POPLAR ST CL & BROAD ST CL
                    787625.92, 8731674.94, CALC INT BRUCE ST CL & BROAD ST CL TO THE S. 787625.48, 8731657.79, CALC INT BRUCE ST CL & BROAD ST CL TO THE N. 788447.63, 8731625.64, CALC INT BROAD ST CL & COLLEGE ST CL.
                  788429.14, 8731133.48, CALC INT WATER ST CL & COLLEGE ST CL.
789554.19, 8731648.19, CALC INT BROAD ST CL & MAIN ST CL TO THE W.
789557.45, 8731648.06, CALC INT BROAD ST CL & MAIN ST CL TO THE E.
789499.88, 8730807.04, CALC INT BROAD ST CL & WASHINGTON ST CL.
788980.34, 8730827.12, CALC INT WASHINGTON ST CL & S LINE OF BLK 4 TOWN OF WESTON IF EXT W.
788998.90, 8731111.47, CALC INT WATER ST CL & S LINE OF BLK 4 TOWN OF WESTON IF EXT E.
789898.10, 8731076.73, CALC INT WATER ST CL & S LINE OF BLK 4 TOWN OF WESTON IF EXT E.
      977.
      978.
                     789898.10, 8731076.73, CALC INT OF POMEROY ST CL TO THE W WITH WATER ST CL
                     789879.55, 8730792.38, CALC INT OF POMEROY ST CL & WASHINGTON ST CL.
                    789862.29, 8730527.97, CALC INT OF POMERCY ST CL & W LINE OF BLK 7 TOWN OF WESTON IF EXT S. 790179.28, 8730780.80, CALC INT OF WASHINGTON ST CL & N LINE OF BLK 6 TOWN OF WESTON IF EXT W.
                     790196.54, 8731045.20, CALC NE COR BLK 6 TOWN OF WESTON.
                     791192.02, 8731006.73, CALC NE COR BLK 1 MOORHOUSES.
      987.
                     791183.13, 8730776.93, CALC NW COR BLK 1 MOORHOUSES.
                     790856.45, 8730608.80, CALC NW COR BLK 3 MAYS.
                    790863.42, 8730789.29, CALC SW COR BLK 1 MOORHOUSES.
791650.40, 8731029.05, CALC PT ON N ROW OF DEPOT ST & W LINE BLK 8 I.E. SALINGS IF EXT N.
                    790294.11, 8731079.44, CALC NW COR BLK 13 TOWN OF WESTON.
                    790343.43, 8731579.78, CALC SE COR BLK 2 I.E. SALINGS.
                 791654.73, 8731279.00, CALC PT ON S LINE BLK 3 GISH ADD AND FRANKLIN ST CL.
791390.89, 8731019.06, CALC INT WATER ST CL & SECOND ST CL.
791396.92, 8731288.96, CALC INT FRANKLIN ST CL & SECOND ST CL.
791402.50, 8731538.86, CALC INT SECOND ST CL & W ROW LINE OF BROAD ST.
791037.23, 8731032.96, CALC INT FIRST ST CL & WATER ST CL.
      997.
                  791037.23, 8731302.86, CALC INT FIRST ST CL & WATER ST CL.
791042.81, 8731552.76, CALC INT FIRST ST CL & FRANKLIN ST CL.
790671.53, 8731046.85, CALC INT OF POPLAR ST CL & WATER ST CL.
790677.55, 8731316.75, CALC INT OF POPLAR ST CL & FRANKLIN ST CL.
                  790683.13, 8731566.66, CALC INT OF POPLAR ST CL & W ROW LINE OF BROAD ST. 790317.86, 8731330.65, CALC INT OF FRANKLIN ST TO N & 1/16 SEC LINE.
                   789522.59, 8730541.10, CALC SW COR BLK 8 TOWN OF WESTON.
                    790162.03, 8730516.39, CALC NW COR BLK 7 TOWN OF WESTON.
                 788984.46, 8731400.11, CALC INT FRANKLIN ST CL & N LINE OF MCARTHURS RESERVE. 788087.94, 8731639.33, CALC INT BROAD ST CL & MILL ST CL. 788103.98, 8732066.41, CALC INT NORMAL ST CL & MILL ST CL.
                 788114.03, 8732333.87, CALC INT MILL ST CL & STATE ST CL.
788069.45, 8731147.38, CALC INT WATER ST CL & MILL ST CL TO THE E.
788118.91, 8732463.75, CALC INT MILL ST CL & 1/16TH SECTION LINE.
   1010.
                  790652.49, 8731027.58, CALC NE COR BLK 1 MAYS.
789258.67, 8731101.44, CALC INT HIGH ST CL & WATER ST CL.
789277.12, 8731388.81, CALC INT FRANKLIN ST CL & HIGH ST CL
                  789291.85, 8731618.30, CALC INT HIGH ST CL & W ROW OF BROAD ST.
789017.35, 8731398.84, CALC INT FRANKLIN ST CL & S LINE BLK 10 TOWN OF WESTON IF EXT W.
789000.05, 8731129.43, CALC SW COR BLK 3 TOWN OF WESTON.
                 78900.05, 8731129.43, CALC SW COR BLK 3 TOWN OF WESTON.
789032.08, 8731628.34, CALC SE COR BLK 10 TOWN OF WESTON.
789511.66, 8731609.81, CALC NE COR BLK 9 TOWN OF WESTON.
790292.96, 8731061.48, CALC INT WATER ST CL & N LINE BLK 13 TOWN OF WESTON IF EXT W.
789892.31, 8731076.96, CALC INT WATER ST CL & POMEROY ST CL TO THE E.
789910.12, 8731354.35, CALC INT POMEROY ST CL & FRANKLIN ST CL TO THE N.
789910.76, 8731364.33, CALC INT POMEROY ST CL & FRANKLIN ST CL TO THE S.
790318.04, 8731338.59, CALC INT OF FRANKLIN ST CL TO S & 1/16 SECTION LINE.
790326.72, 8731587.32, CALC NF COR BLK 14 TOWN OF WESTON
                 790326.72, 8731587.32, CALC NE COR BLK 14 TOWN OF WESTON. 791622.30, 8731530.37, CALC NE COR BLK 7 I.E. SALINGS. 791611.15, 8731030.56, CALC NW COR BLK 8 I.E. SALINGS.
                   789559.56, 8731107.82, CALC SW COR BLK 11 TOWN OF WESTON.
                  789574.93, 8731347.29, CALC SE COR BLK 11 TOWN OF WESTON. 789578.78, 8731407.16, CALC SW COR BLK 1 TOWN OF WESTON.
                   789592.23, 8731616.70, CALC SE COR BLK 1 TOWN OF WESTON.
                   789906.15, 8731604.57, CALC NE COR BLK 12 TOWN OF WESTON. 789946.05, 8731602.03, CALC SE COR BLK 14 TOWN OF WESTON.
                   789518.20, 8731669.60, CALC NW COR BLK 1 GEORGE HARTMANS
                  789538.52, 8732209.14, CALC NE COR BLK 2 GEORGE HARTMANS. 788995.36, 8731689.79, CALC SW COR BLK 1 GEORGE HARTMANS. 789015.68, 8732229.34, CALC SE COR BLK 2 GEORGE HARTMANS.
                   789579.62, 8732237.57, CALC INT MAIN ST CL & HILL ST CL
                  789016.81, 8732259.31, CALC INT HILL ST CL & N ROW WALLACE ST. 789527.23, 8731909.39, CALC NE COR BLK 1 GEORGE HARTMANS.
  1040.
                 789529.49, 8731969.34, CALC NW COR BLK 2 GEORGE HARTMANS. 789004.39, 8731929.59, CALC SE COR BLK 1 GEORGE HARTMANS. 789006.65, 8731989.54, CALC SW COR BLK 2 GEORGE HARTMANS.
  1045.
                   790324.93, 8731647.43, CALC NW COR BLK 4 SALING & REESES.
                   789952.16, 8731661.83, CALC SW COR BLK 4 SALING & REESES.
                   789912.23, 8731664.38, CALC NW COR BLK 1 SALING & REESES.
                  789598.51, 8731676.50, CALC SW COR BLK 1 SALING & REESES. 789617.32, 8732176.08, CALC SE COR BLK 2 SALING & REESES.
                   789930.99, 8732162.46, CALC NE COR BLK 2 SALING & REESES.
                   789970.92, 8732159.91, CALC SE COR BLK 3 SALING & REESES.
                  790336.06, 8732145.81, CALC NE COR BLK 3 SALING & REESES
                   790330.29, 8731887.37, CALC NE COR
 1054. 790331.63, 8731947.36, CALC NW COR BLK 3 SALING & REESES.
                 789961.19, 8731901.63, CALC SE COR BLK 4 SALING & REESES
                  789963.45, 8731961.58, CALC SW COR BLK 3 SALING & REESES.
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NARRATIVE

COORDINATES REPORTED ON THIS BASE MAP AND ACCOMPANYING COORDINATE LIST ARE OREGON STATE PLANE COORDINATES, NORTH ZONE, INTERNATIONAL FEET UNITS ON THE ADJUSTMENT OF NAD 83(91).

1061. 789597.35, 8731646.52, CALC PT 43.20', NO2'12'45"W FROM INT OF MAIN ST CL TO THE W.

789921.26, 8731904.17, CALC NE COR BLK 1 SALING & REESES. 789923.52, 8731964.12, CALC NW COR BLK 2 SALING & REESES. 789607.54, 8731916.29, CALC SE COR BLK 1 SALING & REESES. 789609.80, 8731976.24, CALC SW COR BLK 2 SALING & REESES.

CONTROL IS BASED ON AN ADJUSTED GPS TRAVERSE, MADE BY STATIC METHODS. STATIONS HELD FOR THE GPS LEASE SQUARES ADJUSTMENT WERE NAD 83(91) POSITIONS FOR STATION PENDLETON, PID RB1366, STATION BIG HILL RESET, PID RB1488 AND STATION ATHENA, PID RB1314.

MEASUREMENTS TO MONUMENTS WITHIN SUBDIVISIONS WERE MADE BY GPS RTK MEASUREMENTS FROM ADJUSTED CONTROL POINT(S) NEAR THE PROJECT AREA. TRIMBLE 5700 GEODETIC GPS UNITS WERE USED FOR MEASUREMENTS. IN AREAS WHERE GPS SIGNAL WAS OBSCURED BY VEGETATION, A LEICA TCR 803 3 SECOND TOTAL STATION WAS USED AND TIES WERE CONVERTED TO STATE PLANE GRID COORDINATES.

SEE CITY OF WESTON SUBDIVISION CONDITION REPORT, FILED CONCURRENTLY, FOR ADDITIONAL INFORMATION ON THE SUBDIVISIONS AND MONUMENTS TIED AND SET IN THE CITY OF WESTON.

SHEET 4 OF 4

WELLS SURVEYING
SW NYE AVENUE, SUITE B
P.O. BOX 1696
PENDLETON, OREGON

PROJECT:

UMATILLA COUNTY

MONUMENTATION PROGRAM

WESTON SUBDIVISIONS

GRAPHIC POINT LOCATIONS &
POINT LIST

SECTIONS 15 & 22, TOWNSHIP 4 NORTH, RANGE 35 EAST, W.M.,

UMATILLA COUNTY, OREGON.

\WESTON1SPCFINAL4

OREGON
JULY 22, 1977
WILLIAM R. WELLS

RENEWS 6/30/12

REGISTERED

PROFESSIONAL

LAND SURVEYOR

P.O. BOX 1696

PENDLETON, OREGON
PHONE: (541) 276-6362

DATE: 6/11 DR. BY: DMT

10-1282

CK. BY:

WELLS SURVEYING LAND SURVEYING AND PLANNING

P.O. BOX 1696 PENDLETON, OR 97801 PHONE: (541) 276-6362 FAX: (541) 276-5719 bill@wellssurveying.com - PROPERTY SURVEYING

- SUBDIVISION AND PLATTING

- CADASTRAL SURVEYING

TOPOGRAPHIC SURVEYING
 CONSTRUCTION SURVEYING

- GLOBAL POSITIONING SURVEYING

REGISTERED PROFESSIONAL LAND SURVEYOR IN OREGON, WASHINGTON, ALASKA AND IDAHO

September 15, 2011

<u>CITY OF WESTON. LOCATING THE NORTH-SOUTH CENTERLINE AND CERTAIN</u> 1/16TH CORNERS IN SECTION 22, T4N., R35E., W.M.:

As part of existing subdivision ties and plat calculations in Weston, I determined the North-South centerline of Section 22 as previously determined by Wallulis under Survey No. C-12-C in 1966, by the Northerly projection of the line between the monumented South ¼ corner and the position of the formerly monumented C-S 1/16th corner. The brass cap monument for the C-S 1/16th was removed during road paving in 2010, but we had tied the monument several years ago with GPS. The projected line hits 9.77 feet West of the present brass cap monument set for the North ¼ corner of Section 22 under Survey No. 83-76-C. Greg Flowers, in surveying for the Horizon View Estates in 2004, also identifies the location for the North ¼ corner as 9.84 feet West of the existing monument. I located the position for the Center ¼ corner on said North-South centerline of Section 22 at the Westerly projection of the East-West centerline of Section 22 as determined by found plat monuments and calculations from Kilgore's Addition. See Wells Survey No. 98-58-B and Kirk Partition Plat No. 2002-40. Partition Plat No. 2002-40 also determined a position for the SW corner of the SE1/4 NE1/4 of Section 22, based on ties to Survey No. Q-720-AX.

I located the C-N-1/16th corner of Section 22 on said North-South centerline, midway between the Center ¼ corner and North ¼ corner position, 9.77 feet West of the existing brass cap monument. I tied the ½" rebar identified as the North 1/16th on the East line of Section 22 on Survey No. Q-740-AX and the ½" rebar 1518 feet to the West per the same survey and projected the line between these monuments West to the North-South centerline of Section 22 and find the line projection falls just 0.42 feet South from the calculated position of the C-N 1/16th corner. I held the calculated position. This Westerly line projection is a good verification check of our method.

We found and remonumented a set 8 inch by 6 inch by 14 inch basalt stone with "x" on top at the SE 1/16th corner of Section 22. The stone fits surrounding occupation lines, and has been used on several surveys. It is located about 2 feet South of a fence corner with fences East and North. The found stone's East-West position fits found monuments in the Kilgore Addition plat fairly well but the North-South position is about 13 feet off.

CITY OF WESTON SUBDIVISION CONDITION REPORT

Certain existing monuments in twelve subdivisions in Weston were recovered and tied. There were two plats recorded, at different times, for the Town of Weston and McArthur's Addition. The recently platted Horizon View Estates includes a Replat. Our Contract with Umatilla County called for recovery and observation of at least two monuments in each subdivision. There are

many instances where recovered existing monuments simply do not "fit" the subdivisions. We found a number of survey monuments not covered by a record survey. A number of corner positions were calculated, as shown on the accompanying base map.

Oregon State Plane coordinate values, NAD (83-91), of tied and calculated points are reported on the accompanying base map Sheet 4 of 4.

TOWN OF WESTON RECORDED BETWEEN MAY 23 & AUGUST 17, 1871, (BLOCKS 1 THROUGH 8) AND TOWN OF WESTON RECORDED FEBRUARY 11, 1873, (ALL BLOCKS REVISED EXCEPT BLOCK 1). RECOVERED AND TIED MONUMENTS AND CALCULATED POINTS:

The surveyor of the 1871 plat is not indicated on the Plat. The 1873 plat was surveyed by J.H. Sharon.

I find only two record surveys in the Town of Weston Plat area. Both of the surveys were made by Phillip Larson, PLS 474, in 1996. Survey No. 96-15-B is in Block 12, North of Main Street and East of Water Street. Survey No. 96-28-C is in Block 5, West of Water Street and North of Main Street. For the alignment of Main Street East of Water, Mr. Larson held a ½ inch rebar, #369 at the intersection of Main and Franklin Streets which has been used by other surveyors. Mr. Larson also held a PK nail, #370 near the intersection of Main and Broad Streets. During both surveys, Mr. Larson made extensive ties to old building and features. Mr. Larson developed a North-South alignment for Broad, Franklin, Water and Washington Streets during his surveys. Mr. Larson North-South alignment was based on splitting the curbs of Water Street. Mr. Larson's surveys were intended to apply to Blocks 5 and 12 only.

Both the ½" rebar and PK nail were removed during street resurfacing and paving in 2010, but their positions were reconstructed based on previous ties and ties to other currently existing monuments shown on Mr. Larson's surveys.

We found a number of other unrecorded monuments within the Town of Weston plat area but all are haphazardly set and don't relate to one another. Positions and descriptions of unrecorded monuments found and tied are shown on the base map. The location of improvements in Franklin Street South of Main Street, indicate some unrecorded monuments may have been set at a right angle to the alignment of Main Street.

We obtained and referred to certified Sanford Company Fire Maps for determining old buildings that still exist today. The map versions date from 1888 through 1932. Many of the old buildings were wood frame and are now gone. A number of old, historic brick buildings East of Water Street and North and South of Main Street still exist. West of Water Street, the old block fire hall South of Main and the block building North of Main show on the 1932 Sanford Maps and still exist.

A significant location issue in Weston is the alignment and width of Water Street through the Original Town Plat area. The 1871 Weston plat indicates the width at 50 feet, with a reference to the SE corner George Haze Saloon, being 49.55 chains North and 0.41 chains West of the S¼ corner of Section 22. The corner of the Saloon was the Initial Point and SE corner of Lot 1 Block 5. The Saloon burnt early in Weston's history and its location is unknown.

County Road No. 15, with a petitioned width of 40 feet was surveyed by J.H. Sharon and established by order in October, 1871. At the time of the road survey, portions of Weston already existed as evidenced by the road notes call to "Main Street in Weston" and the sketch on the road survey showing Weston located East and West of the road survey centerline. The road survey does not reference any section or ¼ section corners but appears from the road sketch to run approximately North-South through the center of Section 22.

On February 11, 1873, the second Town of Weston Plat was recorded. It was surveyed by J.H. Sharon. The 1873 plat showed more platted more land, changed street widths and block and lot widths. The width of Water Street was designated 48 feet on the 1873 plat. The location of Block 1 from the original 1871 plat "appears" unchanged.

Research disclosed several copied versions of a map labeled "Weston, as resurveyed by A.L. Adams, Civil Engineer" dated July 18, 1890. Hartman Abstract Company made the copies and they are fairly legible. Hartman Abstract adds a caution note on their copies indicating there are "numerous instances where this plat varies from the official plats, therefore it is deemed advisable to be cautious in the use of this plat for conveyance of real property or other official purposes...". An old and nearly illegible blueprint of the original Adams map was obtained from Dave Krumbein, County Surveyor.

I have studied portions of the A.L. Adams map along Water Street and within the original town plat area extensively and agree with Hartman Abstract's caution. There are several instances where Adams simply changed road widths and block lengths from record plat dimensions. Also, the angles between North-South and East-West streets in the original plat area don't match the plat record or on the ground improvements. The location and width of Water Street relative to the North-South centerline of Section 22 appears correct relative to old buildings on the West side of Water Street, (20 feet). However, location of old curbs and sidewalks complicate verification. Holding the west right-of-way of Water Street 20 feet West from the North-South centerline of Section 22, matches old buildings showing on the 1932 Sanford Maps, immediately North and South of Main Street and monuments found in Mays Addition to the North. However, this right-of-way location does not match some newer buildings and improvements, (built after 1932), in Blocks 5 and 6 or Larson's Survey No. 96-28-B in Block 5. Location of the West line of Water Street 20 feet West from the North-South centerline also closely matches the location of old North-South fence lines along the mid-block line of Blocks 7 and 8 of the Original Town.

The A.L. Adams map shows the width of Water Street East of the North-South centerline as 28 feet. The total width of Water Street would then be 48 feet through the Original Town Plat area. I applied the Original Town Plat dimensions Easterly from the North-South centerline of Section 22 and found the Lot and Block lines hit almost exactly 10 feet East from the building lines of the old brick and block buildings North and South of Main Street. The only way to make the calculated Lot and Block lines fit the old historic building lines is to measure 18 feet from the North-South centerline rather than 28 feet. I have therefore held 18 feet from the North-South centerline to closely match the old historic building lines North and South of Main Street with calculated lot and block lines. I find that the 28 foot dimension East of the North-South centerline was a mistake on the original plat or Blocks 2, 3, 11 and 13 of the Original Town are 10 feet narrower than reported in East-West dimension.

In resolving the Lots and Blocks in the Original Town of Weston, East of Water Street, I held the bearing of the North-South centerline of Section 22 for North-South Lot and Block lines and the

bearing between positions of the ½" rebar #369 and P.K. nail #370 for East-West Lot and Block lines. Since the North-South and East-West Lot and Block lines in the Original Town are about 1½° from being at right-angles, there are issues with some of the older buildings because they are constructed at right angles to the Lot, Block or property lines.

West of Water Street in the Original Town of Weston, I held the bearing of Main Street as determined by Phil Larson in Survey No. 96-28-B.

The accompanying base map shows monuments set, found and calculated for the Original Town.

MAY'S ADDITION PLAT, RECORDED OCTOBER, 1875. RECOVERED AND TIED MONUMENTS:

We recovered several monuments from Survey No. J-71-AX, N-15-AX, 82-31-A and 82-135-C. Survey No. 82-31-A re-established the Northwest Corner of Block 2 of May's Addition based on Staebler-Wallulis Survey No. C-12-C. I held the 5/8" rebar, #37, recovered from Survey No. 82-31-A to re-establish the location of May's Addition, as follows:

Held a 90 degree angle from the West right-of-way line of Water Street to Krumbein's rebar #37 at the NW corner of Block 2 to establish the South line of Poplar Street. Laid out block corners of May's Addition relative to this base line and the West right-of-way line of Water Street as determined by this survey. I held record plat measurements North and South from this base line. The East-West dimension of Mays Addition, between the right-of-way of Water Street and the West line of the Addition calculates 0.6' longer than record dimension.

Recovered and tied 5/8" monuments per Survey No. J-71-AX and N-15-AX as follows:

5/8" rebar at the SW corner of Lot 7, Block 2, #39.

5/8" rebar at the NE corner of Lot 6, Block 1, #33.

5/8" rebar at the SE corner of Lot 5, Block 1, #34.

5/8" rebar at the SW corner of Lot 12, Block 1, #31.

The above monuments were laid out holding a line between the existing, monumented C-S 1/16th corner and the brass cap per PLS 933 for the N ¼ corner of Section 15. This line does not parallel the North-South center line of Section 22 as determined by the current survey. Variations between positions calculated by this survey and the found monument positions will exist and proper weight should be given to existing monuments found.

McARTHUR'S ADDITION, RECORDED IN JANUARY 1878 IN BOOK C, PAGE 795 AND IN MAY, 1878 IN BOOK D, PAGE 91. RECOVERED AND TIED MONUMENTS AND CALCULATED POINTS:

The plat version recorded in May, 1878, is the current plat. The portion of the plat West of Water Street is controlled by monuments found and set in Washington Street by Greg Flowers under Survey No. 03-073-B. 2" brass disks were found at the centerline intersection of Washington and Wallace Streets, #103 and at the centerline intersection of Washington and Bruce Streets, #321. The North-South centerline of Section 22 as determined by the present survey was calculated by a similar method by Greg Flowers. See Greg Flowers Survey No. 03-73-B.

For the portion of McArthur's Addition East of Water Street, I held calculated point #377 as discussed in the Kilgore's Addition statement as the intersection of Broad Street and the East-

West centerline of Section 22. I held the bearing of the line between original plat monuments #117 and #115 in College Street as the bearing for both College and Mill Streets in McArthur's Addition East of Water Street. I calculated the centerline intersection of College and Broad Streets by single proportion measure between the Water Street intersection point #868 and the Kilgore's Addition plat monument #117 at the intersection College and Normal Streets. I calculated the centerline intersection of Mill and Broad Streets by single proportion measure between Water Street intersection point #1011 and the calculated intersection of Normal and Main Streets in Kilgore's Addition, #1009. I calculated the centerline intersection of Broad Street with the South line of the East-West centerline of the Southeast Quarter of Section 22 at the record plat distance of 493 feet from #337, the C-S 1/16th corner of Section 22.

MOORHOUSE'S ADDITION, RECORDED JULY, 1880. RECOVERED AND TIED MONUMENTS:

We found no acceptable existing monuments for Moorhouse's Addition. We found a ¾" slick rod of unknown origin 9.5' West and 9.1' South of the NE corner of Lot 2, Block 1 and did not hold it, #335. We found a 1" O.D. pipe of unknown origin 14.3' West and 1.6' South of the SW corner of Lot 2 and did not hold it, #336.

The boundary of Moorhouse's Addition was calculated at right angles to the West right-of-way line of Water Street, North from the North line of May's Addition. Record plat distances were held.

I.E. SALING'S ADDITION, RECORDED JANUARY 29, 1881, RECOVERED AND TIED MONUMENTS AND CALCULATED POINTS:

We found and recovered a number of monuments in I. E. Saling's Addition but none of them agree with one another. The Criger Survey in Block 5 states he set monuments at possession lines rather that plat lines. There is no record of the Tom Frost Survey in Block 4, but the North-South bearing between the recovered monuments fits the bearing of the North-South centerline of Section 22 reasonably well. The Krumbein survey in Block 7 was laid out 20 feet South of the Section line, as shown on the original plat, but there is a problem with excess footage in the North-South dimension of the plat because the North-South dimension is exactly 1320 feet and the measured distance between the North and South lines controlling the plat area 1339 feet.

Except for the Saling House, The Sanford Fire Maps indicate most development in the subdivision is fairly recent, (after 1932). We tied nearly every possessory feature in the subdivision and plotted them. We find many possessory lines are irregular and haphazard, as can be expected when a subdivision is developed without survey.

The original plat indicates the West line of the subdivision is 20 feet East of the centerline of Water Street. I interpret this to mean 20 feet from the North-South centerline of Section 22. I determined the location of the East-West centerline of the Northeast Quarter of Section 22 as previously explained.

I laid out the record lot and block dimensions of this Addition from the South to the North from the East-West centerline of the Northeast Quarter of Section 22, parallel with said East-West centerline. The excess footage is placed in Depot Street immediately South of the North line of Section 22. I laid out the record lot and block dimensions Easterly from a line 20 feet East of the

North-South centerline of Section 22, and parallel with said North-South centerline.

The plat lines laid out as described above fit tied possessory lines reasonably well considering there has been little surveying in this subdivision.

The area of the "Iron Corner" by Lee Moorehouse, designated on the plat, was searched. It falls at the position of a City water line running North and South.

The points calculated for street intersections and block corners in I.E. Salings Addition show on the accompanying survey base map.

McMORRIS ADDITION, RECORDED JULY, 1883. RECOVERED AND TIED MONUMENTS AND CALCULATED POINTS:

Greg Flowers, on Survey No. 98-43-B, calculated the location for overall McMorris Addition, relative to monuments found and set on that survey. We found three other monuments, two ¾" iron rods and a 1" iron pipe, #331, #332 and #600 respectively, North of the North line of Block 1. I am uncertain of the origin of these monuments and did not hold them. I held the location of McMorris Addition as determined by Mr. Flowers and calculated street intersections surrounding McMorris Addition as follows:

From 5/8" rebar #108 on the South line of Lot 1 of O'Harrow Subdivision, I held the bearing of the line between the SE 1/16th and C-S 1/16th corner of Section 22 and extended it West to intersect the North-South centerline of Section 22. This line is along the South line of Poplar Street per McMorris Addition. The calculated intersection point is #824.

I calculated the intersection of the south line of Poplar Street with the centerline of Broad Street by placing the centerline of Broad Street 20.00 feet West of 5/8" rebars #109 and #110. The calculated intersection is #825.

I held the centerline of Broad Street parallel with the North-South centerline of Section 22 and intersected the line between the C-S 1/16th and SE 1/16th corners of Section 22 for the intersection of Broad and Bruce Streets, #826.

GEORGE HARTMANS ADDITION, RECORDED OCTOBER 7, 1882 AND SALING AND REESE'S ADDITION RECORDED OCTOBER 7, 1882. CALCULATED POINTS:

Hartman's Addition was surveyed September 26, 1882. Saling and Reese's Addition was surveyed September 27, 1882. Both plats were surveyed by J.C. Arnold and recorded at 3:00 P.M., October 7, 1882. These plats are located between the East-West centerline of Section 22 and the East-West centerline of the Northeast Quarter of Section 22. Lots in Hartman's Addition closing on the East-West centerline of Section 22 are dimensioned 49.3 feet, more or less. Lots in Saling and Reese's Addition closing on the East-West centerline of the Northeast Quarter of Section 22 are dimensioned 48 feet, more or less.

On each plat, there is a statement indicating all measurements reported on the plats were made on the natural surface of the ground, (slope distance). I know of no practical way to utilize the natural ground distances in reconstructing plat lines. From elevation shots on features near the exterior four corners of Hartman's Addition, I calculate the difference between slope and

horizontal measurements at between 1 and 2 feet across the plat in Hartman's Addition. On Saling's and Reese's Addition, I calculate the difference between slope and horizontal measurements at between 1 and 2 feet from the South to the North line of the plat. Along the North line of the plat, the difference would be about 7 feet and along the South line around 1 foot. I used horizontal measurement on both plats to reconstruct plat lines.

The width of Main Street is not dimensioned on either plat, it scales 80 feet on the plat, and 80 feet was held for plat calculations.

Both plats were laid out Easterly from the East line of the Original Town of Weston. The East line of the Original Town is the West line of Broad Street. The plat dimension of 60 feet for the width of Broad Street was held in Hartman's Addition South of Main Street. North of Main Street, in Saling and Reese's Addition, the width of Broad Street was held at 60 feet. There is a 1 foot East-West jog in the East line of the Original Town plat between Blocks 12 and 14, and Blocks 1 and 4 of Saling and Reese's Addition were adjusted accordingly.

Relative to the dimensions shown on the plats, I calculated the location and alignment of Easterly extension of the centerline of Main Street by two different methods and compared calculated property lines to available possessory lines for each method:

The first method calculated the centerline end points of Main Street at the East and West side of the Hartman's Addition Plat by extending the East and West lines of Saling and Reese's Addition between East-West centerline of Section 22 and the East-West centerline of the NE1/4 of Section 22. The centerline end points of Main Street were calculated by single proportion measure between the 1/16th Section lines, holding plat distances. This method involves holding dimensions of the "more or less" calls abutting the 1/16th Section lines, giving them equal weight to the more precise dimension calls.

The second method was to hold Main Street parallel with the East-West centerline of Section 22, and lay out George Hartman's Addition and Main Street by the record plat dimensions, including the 49.3 foot "more or less" lot dimension calls abutting the East-West centerline of Section 22. Saling and Reese's Addition was then laid out by the plat record dimensions, parallel with Main Street. Saling and Reese's Addition lots closing on the East-West centerline of the NE1/4 of Section 22 were given the excess or deficiency in dimension.

Based on evaluation of both methods, I conclude to use the second method because it locates Main Street parallel with the East-West centerline of Section 22, fits the available possessory lines the best and results in a better intersection angle for centerlines of Main and Broad Streets calculated from Original Town Plat dimensions. Furthermore, the record plats for George Hartman's Addition and Saling and Reese's Addition show that Hartman's Addition was surveyed first and the "more or less" lot closing distances to the East-West Centerline of Section 22 are more precise than those of Saling and Reese's Addition closing on the East-West centerline of the NE1/4 of Section 22, (49.3' m/l verses 48' m/l).

<u>KILGORE'S ADDITION PLAT, RECORDED OCTOBER, 1902. RECOVERED AND TIED MONUMENTS AND CALCULATED POINTS:</u>

I found the following monuments and held them:

1 1/4" square rod at intersection of College and State Streets, original plat monument, #115.

1 ½" iron rod at intersection of College and Normal Streets, original plat monument, #117. 5/8" smooth rebar at intersection of State Street and the East-West centerline of Section 22, original plat monument, #111.

I calculated position of the SW Corner of the SE1/4 of the NE1/4 per ties to Survey No. Q-720-AX, # 372, see Kirk Partition Plat No. 2002-40.

5/8" rebar per Survey No. 98-58-B at SW corner of Lot 4, Block 3, #118.

I found a 6" by 8" by 14" stone with "X" on top just South of a fence corner near SE corner of subdivision, point #120. This stone position does not fit other monuments within Kilgore's Addition for Northing but fits fairly well with the East line of Kilgore's Addition, and existing improvements in the area. The stone is believed to have been set by John Kimbrell, March 24, 1903, under Survey recorded in Record of Private Survey Book 1, Page 495. I note that Kimbrell's record calls for an iron rod for the monument. This monument appears to have been set about 6 months after the Kilgore's Addition plat was recorded. The Kilgore Addition Plat calls for this corner but does not state whether a monument was found or set. I believe the Kilgore Plat refers to a computed position only.

I calculated a position for a point on the East-West centerline of Section 22 at the intersection with Normal Street by record distance-distance intersection from smooth iron rod #111 and 1 ½" iron rod #117. The calculated point is #375. I extended the line between points #111 and #375 Westerly to the North-South centerline of Section 22 and calculated the Center ¼ corner of Section 22 as point #374. I calculated the intersection of the line between Kilgore's and McArthur's Addition on the East-West centerline of Section 22 by record distance reported on the Kilgore Addition Plat, point #376. I calculated the intersection of Broad Street on the East-West centerline of Section 22 by record distance reported on the Kilgore Addition Plat, point #377.

GISH'S ADDITION, RECORDED IN APRIL, 1903. RECOVERED AND TIED MONUMENTS:

We found undisturbed 5/8" rebars, established on Survey No. 09-37-C. Tied rebars numbers are from #300 through #315. These rebar monuments can be used to calculate plat and lot lines for mapping purposes—refer to the survey map. Paul Tomkins, on his Survey No. 09-37-C, held the existing brass cap monument in monument box as the North ¼ corner of Section 22 when laying out Gish's Addition on Survey No. 09-37-C.

O'HARROW SUBDIVISION, RECORDED DECEMBER 6, 2002, RECOVERED AND TIED MONUMENTS:

We found undisturbed plat 5/8" rebars #104, 105, 106, 107, and 108 on the South and West boundaries of the plat. Rebar #105 is the Initial Point. All found and tied monuments fit well and most original monuments from the plat should still be in place.

HORIZON VIEW ESTATES AND REPLAT OF HORIZON VIEW ESTATES, RECORDED IN 2004 AND 2009, RESPECTIVELY. RECOVERED AND TIED MONUMENTS:

We found undisturbed plat 5/8" rebars #100 and #101 on the West boundary of the plat. We also recovered and tied the "Initial Point", a 5/8" rebar at the SE corner of the subdivision, #102. All found and tied monuments fit well and most original monuments from the replat should still be

in place.

Surveyors referring to this Weston monumentation survey and report are advised to make their own analysis of the areas they are surveying. There are likely to be areas in town where resolution of plat boundaries with possessory lines is not possible. In those cases, resolution of the old subdivisions on a block by block basis could be warranted.

William R. Wells

REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON JULY 27,17

WILLIAM R. WELLS

renews 6-30-12