

SURVEY FOR RIETH WATER DISTRICT

LOCATED IN THE SE1/4 OF THE SE1/4 OF SECTION 7
TOWNSHIP 2 NORTH, RANGE 31 EAST, W.M..
UMATILLA COUNTY, OREGON

NARRATIVE OF SURVEY

This survey was performed at the request of Mrs. Fredda Wyss. The purpose of the survey was to locate and monument the boundaries of the Rieth Water District property as shown hereon.

The legal descriptions for this property contain passing calls along the section line and calls for three adjoiners, each beginning their measurements from a different place.

There are several record surveys which show different locations for the south line of Section 12. Most of those do not show the SE corner of the section or do not give a measured tie to the corner if they show a corner. Projecting these lines to the current east line of the section produces positions that cover a latitude range of about 76 feet. The current monumented position agrees within 0.4 feet of the oldest railroad record of that position but, if held, does not result in agreement with the plat of Geanakopulos Addition as to the location of the School District property.

Survey P-89-B reports monumenting the west line of West Street in Geanakopulos Addition. Control for this survey were the south 1/4 of section 12 and three pins from survey J-132-B. Survey J-132-B also held the south 1/4 of section 12 but otherwise is based on an existing fence and a punch mark in the north rail of the railroad tracks. The result being that survey P-89-B did not accurately locate either West Street or the School District property.

The original plats of Doris and the Geanakopulos Addition have a common boundary along Delphi Street. However, between the two plats, there are three different widths shown for that street. Calculations of the location of that street using surveys in Geanakopulos Addition and the Doris plat indicate that that street is somewhat irregular in width and I have therefore not held an exact Delphi street width as control for the Geanakopulos Addition.

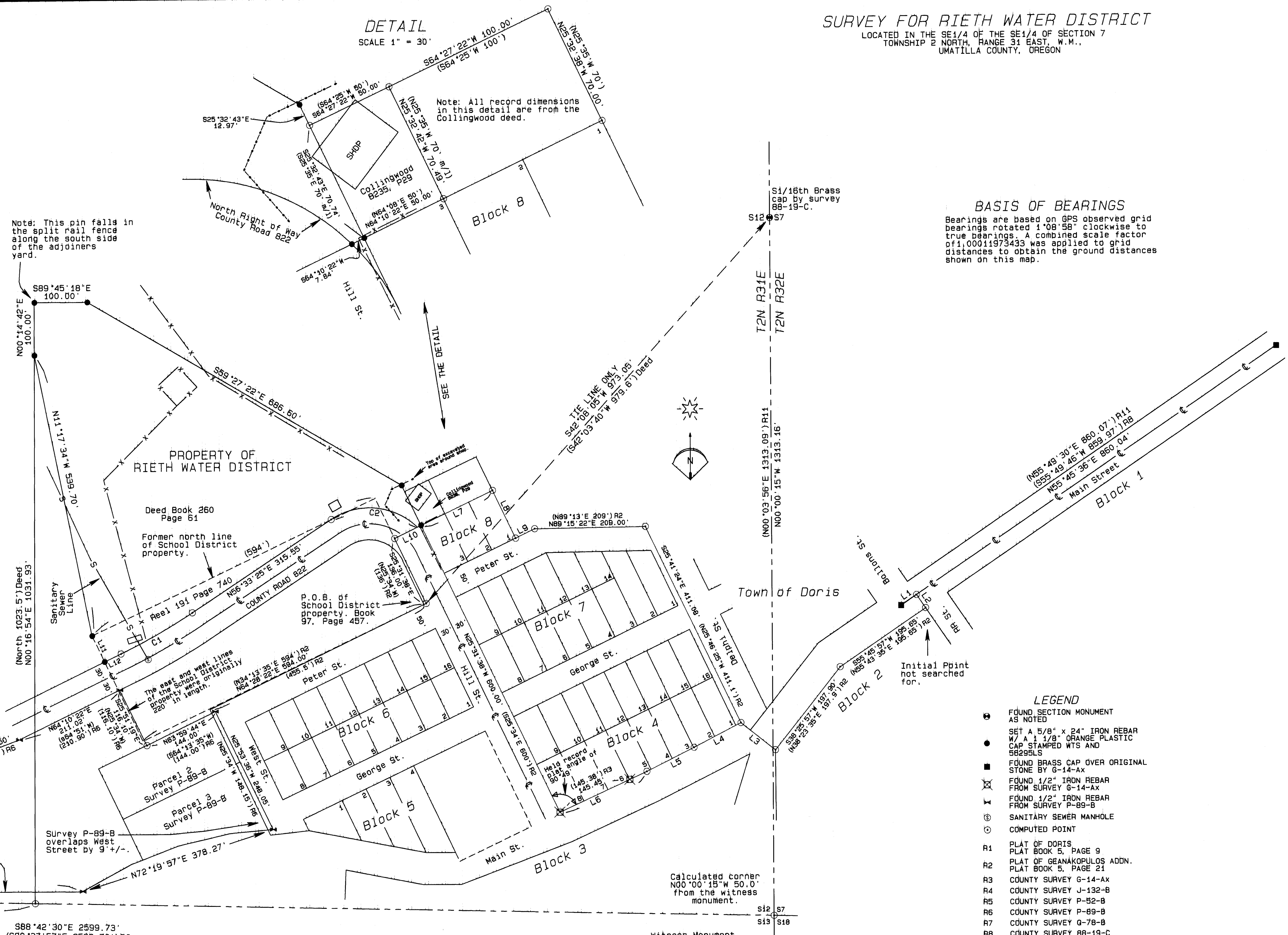
The oldest plat associated with the Water District property is that of School District 39 which was conveyed to the school in 1917. This property was to be located by measuring from the south 1/16th corner between Sections 7 and 12. It should be noted that the current monument at that point was surveyed in based on the record data from the Town of Doris. The currently monumented position does not agree with the location of the Rieth School Grounds as shown on the plat of Geanakopulos Addition. Given that the monuments at the south 1/16th and at the SE corner of the section are not the original markings, I have established the location of the Rieth Water District property as follows:

I found the monument from survey G-14-Ax at the southwest corner of Lot 8, Block 4 of Geanakopulos Addition. Surveying from that monument the plat record angles and distances shows that that pin is 0.2' from being the record dimensions away from the brass monument at Bollons and Main Streets. I therefore held that monument as being the true SW corner of Block 4. Having accepted this point, I turned the record plat angle and ran north record distance along the east side of Hill Street to establish the location of Block 8. I then held the plat record as being the best evidence of the location of the school property. Next I established the location of County Road 822 by holding the centerline of Hill Street as platted and the actual location of the physical road structure as it now exists. That structure does not fit the alignment from the road survey very well but does agree reasonably well with the monuments from survey P-89-B. Subsequent to establishing the school property, Block 8 and the location of the county road, I established the location of the Water District property using the calls in the record deeds as shown.

This survey was performed with a Trimble R7/R8 RTK GPS system.

DETAIL

SCALE 1" = 30'



BASIS OF BEARINGS

Bearings are based on GPS observed grid bearings rotated 1°08'58" clockwise to true bearings. A combined scale factor of 1.0001973433 was applied to grid distances to obtain the ground distances shown on this map.

LEGEND

- FOUND SECTION MONUMENT AS NOTED
- SET A 5/8" x 24" IRON REBAR W/ A 1 1/8" ORANGE PLASTIC CAP STAMPED WTS AND SERIALS
- FOUND BRASS CAP OVER ORIGINAL STONE BY G-14-Ax
- FOUND 1/2" IRON REBAR FROM SURVEY G-14-Ax
- FOUND 1/2" IRON REBAR FROM SURVEY P-89-B
- SANITARY SEWER MANHOLE
- COMPUTED POINT
- R1 PLAT OF DORIS PLAT BOOK 5, PAGE 9
- R2 PLAT OF GEANAKOPOULOS ADDN. PLAT BOOK 5, PAGE 21
- R3 COUNTY SURVEY G-14-Ax
- R4 COUNTY SURVEY J-132-B
- R5 COUNTY SURVEY P-82-B
- R6 COUNTY SURVEY P-89-B
- R7 COUNTY SURVEY Q-78-B
- R8 COUNTY SURVEY 88-19-C
- R9 COUNTY SURVEY 98-121-B
- R10 COUNTY SURVEY 03-91-B
- R11 COUNTY SURVEY 15-13-C
- R12 ROAD NOTES FOR COUNTY RD. NO. 822

LINE TABLE

LINE No.	MEASURED BEARING	MEASURED DISTANCE	RECORD BEARING	RECORD DISTANCE
L1	N55°45'57"E	35.20'	(N55°43'35"E)	(35.0') R1
L2	S34°14'03"E	30.00'	(S34°16'25"E)	(30.0') R1
L3	N51°34'03"W	82.88'	(N51°29'35"W)	(82.88') R2
L4	S62°39'22"W	100.00'	(S62°37'W)	(100') R2
L5	S63°28'25"W	100.00'	(S63°27'W)	(100') R2
L6	S65°17'22"W	181.00'	(S65°15'W)	(181') R2
L7	N64°10'22"E	150.00'	(N64°08'E)	(150') R2
L8	S25°31'38"E	100.00'	(S25°34'E)	(100') R2
L9	N64°10'22"E	40.00'	(N64°08'E)	(40') R2
L10	N64°10'22"E	55.50'	(N64°08'E)	(55.5') R2
L11	S25°31'38"E	54.22'	(S25°34'E)	(54.22') R2
L12	N64°10'22"E	34.04'	(N64°08'E)	(34.04') R2
L10	N64°10'22"E	55.50'	(N64°08'E)	(55.5') R2
L10	N64°10'22"E	55.50'	(N64°08'E)	(55.5') R2
L10	N64°10'22"E	55.50'	(N64°08'E)	(55.5') R2

CURVE TABLE

CURVE No.	ARC	DELTA	RADIUS	CHORD	BEARINGS
C1	155.52'	07°36'58"	1170.00'	155.41'	N60°21'53"E
C2	176.76'	77°54'47"	130.00'	163.47'	S84°29'11"E

REGISTERED PROFESSIONAL LAND SURVEYOR
Stephen K. Haddock
OREGON JULY 9, 2001
STEPHEN K. HADDOCK 98295LS
RENEWS 6-30-17

RECEIVED BY
Umatilla County Surveyor
Date: 07-08-15
Rec'd by: M. Kofford
No.: 15-086-C

SURVEY FOR RIETH WATER DISTRICT
73755 HILL STREET
PENDLETON, OR 97801
LOCATION: SE1/4, S7, T2N, R31E, W.M..
UMATILLA COUNTY, OREGON

PROJECT DATE: July 20, 2015
Project No. 2015-09 SCALE: 1" = 100'
WITNESS TREE SURVEYING
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