

LEGEND

- FOUND BRASS CAP IN MONUMENT BOX AS SHOWN ON SURVEY 05-14-G
- FOUND A 1" IRON PIPE WITH A 3/8" SQUARE BOLT DRIVEN IN THE TOP AT THE NW CORNER OF SHIELD'S ADDITION.
- SET 5/8" X 24" IRON REBAR W/ A 1/8" ORANGE PLASTIC CAP STAMPED WTS AND 56295LS
- EXTERIOR ANGLE POINTS OF THE PLAT DESCRIPTION OF SHIELD'S ADDITION. NOTHING SET.
- FOUND EXISTING MONUMENT AS NOTED
- R1 VANCELL'S ADDITION PLAT BOOK 2, PAGE 77
- R2 CENTRAL VIEW ADDITION PLAT BOOK 4, PAGE 2
- R3 BURDETTE HARRIS PARK ADDITION PLAT BOOK 5, PAGE 34
- R4 SHIELD'S ADDITION PLAT BOOK 6, PAGE 24
- R5 COUNTY SURVEY H-136-Ax
- R6 COUNTY SURVEY 82-116-A
- R7 COUNTY SURVEY 05-14-G
- R8 COUNTY SURVEY 07-15-B
- ODOT RIGHT OF WAY MAPS 38-11-3, 68-12-18 AND 68-5-17.

NARRATIVE OF SURVEY

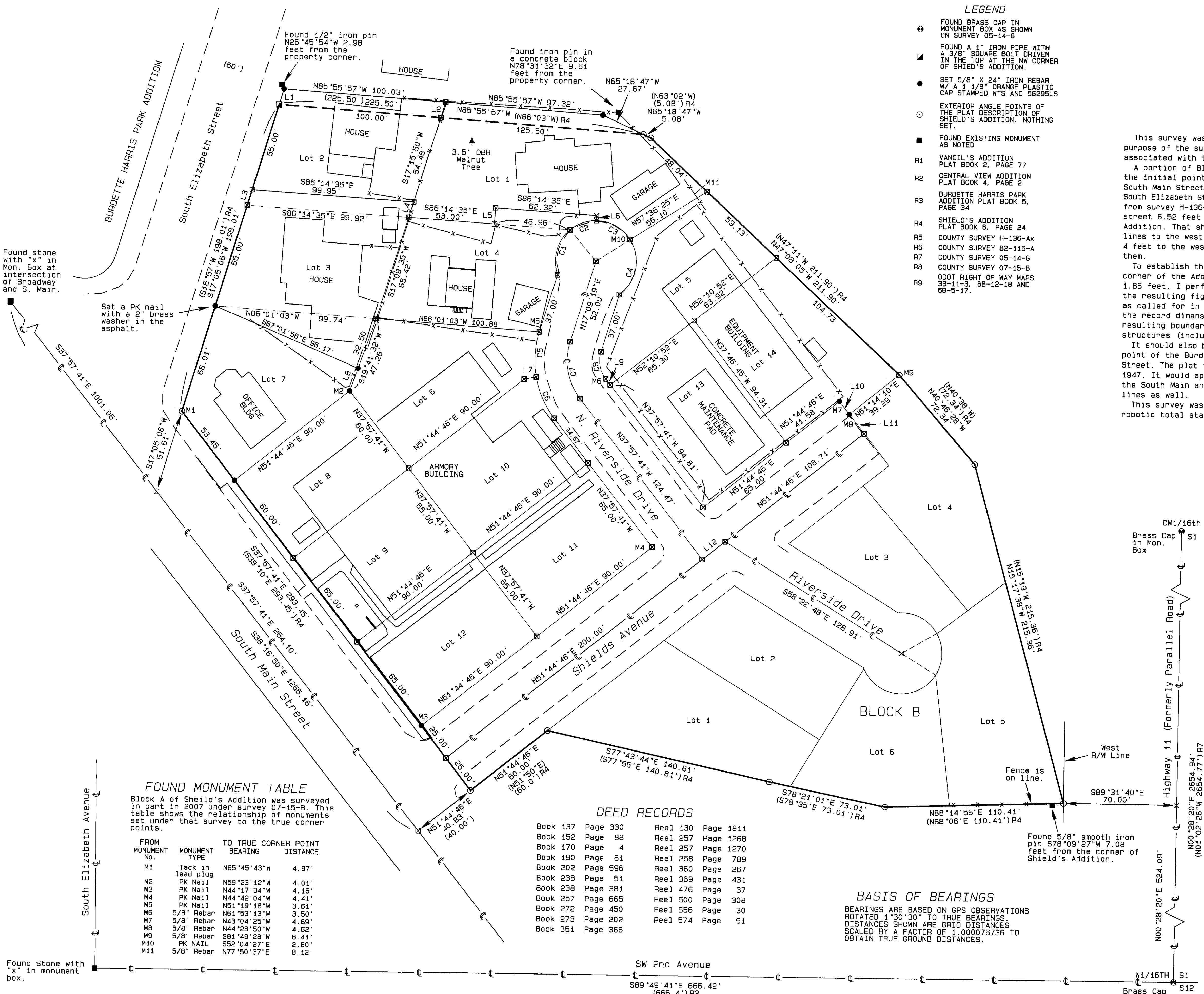
This survey was performed at the request of Mr. Peter Smith of Fortis Construction. The purpose of the survey was to identify the boundaries of the Lots in Block A and the features associated with those lots for use in planning for site development.

A portion of Block A was surveyed in 2007 under survey 07-15-B. That survey established the initial point of Shield's Addition at the intersection of the right of way lines of South Main Street and South Elizabeth Street. In survey 07-15-B, the right of way lines for South Elizabeth Street were determined by several monuments of unknown origin and one monument from survey H-136-A which was shown in that survey to move the right of way line of Elizabeth Street 6.52 feet easterly from the location designated on the plat of Burdette Harris Park Addition. That shift would have the effect of moving the intersection of the right of way lines to the west. The resulting corner points from survey 07-15-B are shifted approximately 4 feet to the west of where the monument at the NW corner of Shield's Addition would place them.

To establish the true location of Shield's Addition, I held the found monument at the NW corner of the Addition. The exterior data on the Shield's Addition plat does not close by 1.86 feet. I performed a least squares adjustment on the record angles only and rotated the resulting figure until the SE corner of the addition was on the Highway Right of Way as called for in the plat legal description. I then computed the interior streets using the record dimensions and computed the remaining lot corners by single proportion. The resulting boundary locations match the older interior fence lines and the physical road structures (including the cul-de-sacs) very well.

It should also be noted that (based on the record data from survey 05-14-G) the initial point of the Burdette Harris Park Addition lies 43.6' easterly of the centerline of Main Street. The plat for that addition was filed in 1945 while Shield's Addition was filed in 1947. It would appear that there has been some dis-continuity over the location of both the South Main and Elizabeth Street centerlines and thus, the location of the right of way lines as well.

This survey was performed using a Trimble R7/R8 RTK GPS system and a Trimble 5601 robotic total station.



LINE TABLE

LINE No.	BEARING	DISTANCE
L1	N17°05'06"E	10.00'
L2	S17°15'50"W	10.01'
L3	N17°05'06"E	10.00'
L4	S17°15'50"W	10.01'
L5	N04°04'03"E	10.00'
L6	S00°00'00"W	3.15'
L7	N79°35'49"E	7.46'
L8	S19°41'32"W	14.76'
L9	N37°57'41"W	4.56'
L10	S38°15'14"E	10.00'
L11	S38°15'14"E	15.00'
L12	N51°44'46"E	18.00'

CURVE TABLE

CURVE No.	ARC	DELTA	RADIUS	CHORD	BEARING
C1	30.46'	69°48'27"	25.00'	28.61'	N15°11'44"E
C2	17.41'	39°54'00"	25.00'	17.06'	N70°03'10"E
C3	24.94'	57°09'43"	25.00'	23.92'	S61°25'20"E
C4	37.91'	86°52'51"	25.00'	34.38'	S10°35'25"W
C5	28.05'	27°33'30"	58.31'	27.78'	N03°22'34"E
C6	28.05'	27°33'30"	58.31'	27.78'	N24°10'56"W
C7	36.85'	55°07'00"	38.31'	35.45'	N10°24'11"W
C8	17.61'	55°07'00"	18.31'	16.94'	N10°24'11"W

FOUND MONUMENT TABLE

Block A of Shield's Addition was surveyed in part in 2007 under survey 07-15-B. This table shows the relationship of monuments set under that survey to the true corner points.

MONUMENT No.	MONUMENT TYPE	TO TRUE CORNER POINT BEARING	DISTANCE
M1	Tack in lead plug	N65°45'43"W	4.97'
M2	PK Nail	N59°23'12"W	4.01'
M3	PK Nail	N44°17'34"W	4.16'
M4	PK Nail	N44°42'04"W	4.41'
M5	PK Nail	N51°19'18"W	3.61'
M6	5/8" Rebar	N61°53'13"W	3.50'
M7	5/8" Rebar	N43°04'25"W	4.89'
M8	5/8" Rebar	N44°28'50"W	4.62'
M9	5/8" Rebar	S81°49'28"W	8.41'
M10	PK NAIL	S52°04'27"E	2.80'
M11	5/8" Rebar	N77°50'37"E	8.12'

DEED RECORDS

Book 137 Page 330	Reel 130 Page 1811
Book 152 Page 88	Reel 257 Page 1268
Book 170 Page 4	Reel 257 Page 1270
Book 190 Page 61	Reel 258 Page 789
Book 202 Page 596	Reel 360 Page 267
Book 238 Page 51	Reel 369 Page 431
Book 238 Page 381	Reel 476 Page 37
Book 257 Page 665	Reel 500 Page 308
Book 272 Page 450	Reel 556 Page 30
Book 273 Page 202	Reel 574 Page 51
Book 351 Page 368	

BASIS OF BEARINGS

BEARINGS ARE BASED ON GPS OBSERVATIONS ROTATED 1°30'30" TO TRUE BEARINGS. DISTANCES SHOWN ARE GRID DISTANCES. SCALED BY A FACTOR OF 1.000076736 TO OBTAIN TRUE GROUND DISTANCES.

Map Date: October 23, 2012

REGISTERED PROFESSIONAL LAND SURVEYOR
Stephen K. Haddock
 OREGON
 JULY 9, 2004
 STEPHEN K. HADDOCK
 56295LS
 RENEWS 6-30-13

SURVEY FOR
 FORTIS CONSTRUCTION
 1705 SW TAYLOR STREET
 SUITE 200
 PORTLAND, OR 97205

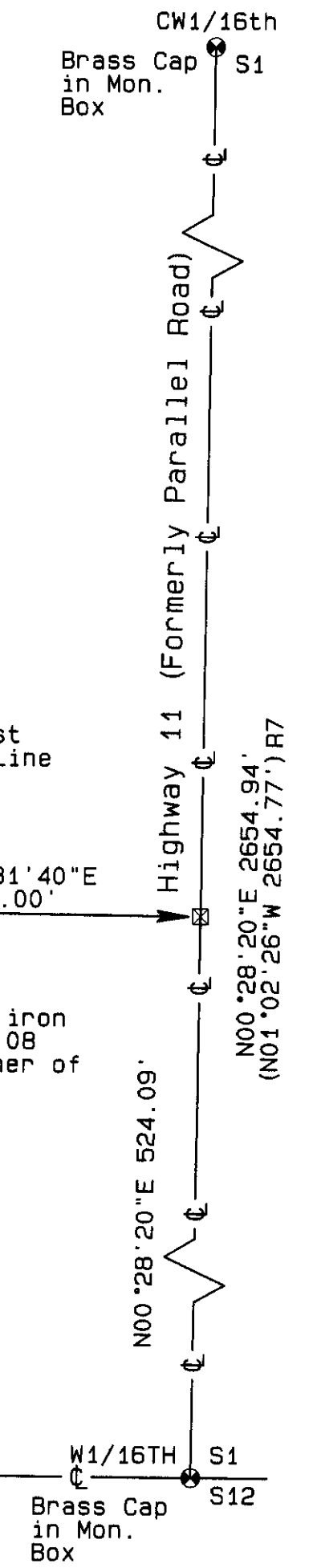
LOCATION: SW1/4, SW1/4, SECTION 1, T5N, R35E, W.M., UMATILLA COUNTY, OREGON

PROJECT DATE: OCTOBER 17, 2012

Project No. 12-25 SCALE: 1" = 30'

WITNESS TREE SURVEYING
 Stephen K. Haddock, PLS, CFedS
 P.O. Box 6
 Pilot Rock, Oregon 97868
 (541) 443-2922

RECEIVED BY
 Umatilla County Surveyor
 Date: 4/16/2013
 Rec'd By: *[Signature]*
 No.: 13-136-C



Found Stone with "x" in monument box.

Found 5/8" smooth iron pin S78°09'27"W 7.08 feet from the corner of Shield's Addition.