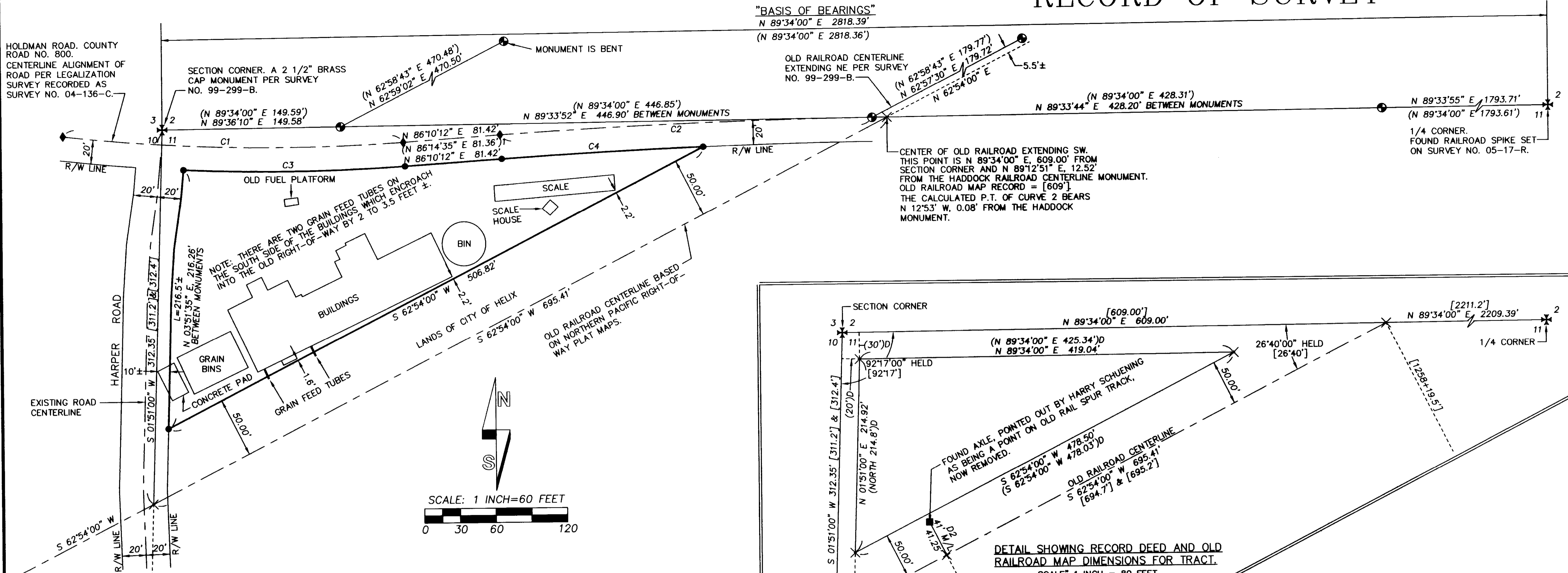


RECORD OF SURVEY



HOLDMAN ROAD. COUNTY ROAD NO. 800. CENTERLINE ALIGNMENT OF ROAD PER LEGALIZATION SURVEY RECORDED AS SURVEY NO. 04-136-C.

HARPER ROAD

EXISTING ROAD CENTERLINE

SECTION LINE PER OLD RAILROAD MAPS
 S 01°51'00" W 312.35' [311.2'] & [312.4']
 S 01°51'00" W 312.35' [311.2'] & [312.4']

R/W LINE

20'

20'

10'±

50.00'

CONCRETE PAD

GRAIN FEED TUBES

GRAIN BINS

50.00'

1.9'

50.00'

SCALE: 1 INCH=60 FEET

0 30 60 120

NARRATIVE

THIS SURVEY WAS MADE AT THE REQUEST OF MARK SWANSON OF PENDLETON GRAIN GROWERS TO LOCATE THE BOUNDARY OF A TRACT OF LAND NEAR HELIX, OREGON. THE TRACT IS LOCATED IN NW1/4 OF THE NW1/4 OF SECTION 11, TOWNSHIP 4 NORTH, RANGE 33 EAST, W.M., AND IS SITUATED NORTH OF THE FORMER RIGHT-OF-WAY OF THE NORTHERN PACIFIC RAILROAD. THE TRACT WAS ACQUIRED BY PENDLETON GRAIN GROWERS IN QUITCLAIM DEED RECORDED AS INSTRUMENT NO. 2006-5030555, UMATILLA COUNTY OFFICE OF RECORDS.

THE TRACT IS "PRACTICALLY" DESCRIBED AS ALL THAT PORTION OF THE NW1/4 OF THE NW1/4 OF SECTION 11 LOCATED NORTH OF THE NORTH RIGHT-OF-WAY LINE OF THE FORMER NORTHERN PACIFIC RAILROAD, EXCEPTING COUNTY ROADS. THE RAILROAD RAILS WERE REMOVED IN THE 1980'S AND RAILROAD RIGHT-OF-WAY FENCES AND OTHER RAILWAY FEATURES NO LONGER EXIST. THE ORIGINAL DEED FOR THE RAILROAD RIGHT-OF-WAY WAS RECORDED SEPTEMBER 27, 1889 IN BOOK W, PAGE 635, DEED RECORDS. THIS DEED DESCRIBES A 100 FOOT RIGHT-OF-WAY ACROSS THE NW1/4 OF SECTION 11, CENTERED ON THE RAILWAY LINE AS STAKED OUT AND LOCATED ACROSS THE NW1/4. THERE ARE NO DIMENSION TIES FOR LOCATING THE RIGHT-OF-WAY IN THE DEED. I RESEARCHED COUNTY RECORDS FOR EVIDENCE OF PREVIOUS SURVEYS AND FOUND AN OLD NORTHERN PACIFIC RAILWAY RIGHT-OF-WAY PLAT MAP OF SECTION 11, IN THE COUNTY ASSESSOR'S OFFICE. THIS MAP SHOWS THE CENTER OF THE RAILROAD RIGHT-OF-WAY REFERENCED TO THE NORTH AND WEST LINES OF THE NW1/4 OF SECTION 11 BY DISTANCES AND ANGLES. I FOUND A SECOND RAILROAD MAP, A PLAN AND PROFILE MAP, IN THE COUNTY SURVEYORS OFFICE THAT DEPICTS THE SAME INFORMATION AS THE RIGHT-OF-WAY MAP EXCEPT FOR A MINOR DIMENSION DIFFERENCE ALONG THE WEST LINE OF SECTION 11. I ALSO RESEARCHED PREVIOUS DEEDS FOR THE PROPERTY BACK TO BOOK 149, PAGE 94, DEED RECORDS, WHEN S.E. BROGOITTI ACQUIRED THE PROPERTY FROM STANDARD OIL COMPANY IN 1935. THE CONVEYANCE DESCRIPTION IN 1935 IS THE SAME AS CONTAINED IN INSTRUMENT NO. 2006-5030555.

I HELD THE DISTANCES AND ANGLES SHOWN ON THE NORTHERN PACIFIC RAILWAY RIGHT-OF-WAY PLAT MAP TO DETERMINE THE LOCATION OF THE FORMER RAILROAD RIGHT-OF-WAY ON THIS SURVEY. THE RIGHT-OF-WAY OF COUNTY ROAD NO. 800, AKA COLUMBIA STREET WAS LOCATED FROM TIES TO MONUMENTS SET ON THE ROAD LEGALIZATION SURVEY, SURVEY NO. 04-136-C. THE RIGHT-OF-WAY OF HARPER ROAD, COUNTY ROAD NO. 959 ON THE WEST SIDE OF THE SITE WAS LOCATED FROM TIES TO THE VISUAL CENTERLINE OF THE ROAD AS IT EXISTED IN DECEMBER, 2012. I DID NOT CALCULATE AND DEVELOP A GEOMETRIC ALIGNMENT FOR HARPER ROAD ON THIS SURVEY.

RESEARCH INDICATED SEVERAL SURVEYS IN AND NEAR THE OLD RAILWAY GROUNDS IN SECTION 2, NORTH OF OUR SURVEY. DAVID HADDOCK MADE EXTENSIVE SURVEYS OF THE OLD RAILWAY GROUNDS IN SEVERAL SURVEYS BEGINNING WITH RECORD SURVEY NO. 99-299-B. MR. HADDOCK LOCATED THE CENTER LINE OF THE OLD RAILWAY IN SECTION 2 BASED ON TIES TO OLD BRIDGE ABUTMENTS NORTH OF HELIX AND A 1/2 INCH REBAR ESTABLISHED ON COUNTY SURVEY NO. Q-1132-B, IN 1954. WE LOCATED A NUMBER OF MR. HADDOCKS MONUMENTS ON OUR SURVEY AND FOUND MR. HADDOCKS RAILWAY CENTERLINE TO BE LOCATED ABOUT 5 1/2 FEET NORTHWEST OF OUR CENTERLINE ALIGNMENT DEVELOPED FROM DIMENSIONS ON THE OLD RAILROAD RIGHT-OF-WAY PLAT MAP.

THIS SURVEY WAS MADE BY A 2 PERSON CREW USING A TRIMBLE R8 GEODETIC GPS RECEIVER CONNECTED TO THE OREGON REAL TIME NETWORK AND WITH A LEICA TCR 803 TOTAL STATION. CONTROL SURVEY TIES AND MONUMENTS SET WERE VERIFIED BY REDUNDANT OBSERVATIONS.

NO	DELTA	RADIUS	LENGTH	CHORD	CHORD BRG
C1	10°30'01"	1559.51'	285.80'	285.40'	S 88°30'15" E
(C1	10°30'17"	1559.51'	285.93'	285.53'	S 88°30'17" E) 1
C2	3°19'23"	5402.63'	313.35'	313.31'	S 87°54'35" W
(C2	3°19'23"	5402.63'	313.35'	313.31'	S 87°54'18" W) 1
C3	6°44'43"	1579.51'	185.95'	185.85'	N 89°37'06" E
C4	1°48'25"	5382.63'	169.76'	169.75'	S 87°09'06" W

LEGEND

- - SET 5/8" BY 24" REBAR WITH PURPLE PLASTIC CAP MARKED WELLS SURVEYING 54657 PLS.
- ⊙ - FOUND 5/8" REBAR WITH RED PLASTIC CAP PER SURVEY NO. 99-299-B.
- ◆ - FOUND RAILROAD SPIKE FOR CENTERLINE ALIGNMENT ON ROAD LEGALIZATION SURVEY RECORDED AS SURVEY NO. 04-136-C.
- × - CALCULATED POINT ONLY, NOT SET OR FOUND.
- R/W - INDICATES RIGHT-OF-WAY LINE.
- [XOX] - RECORD DIMENSION PER NORTHERN PACIFIC RIGHT-OF-WAY PLAT MAP OR PLAN & PROFILE MAP.
- (XOX) - RECORD DIMENSION PER SURVEY NO. 99-299-B.
- (XOX)1 - RECORD DIMENSION FROM ROAD LEGALIZATION SURVEY NO. 04-136-C.
- (XOX)D - RECORD DIMENSION PER DEED DESCRIPTION, INST. NO. 2006-5030555, OFFICE OF RECORDS.
- (XOX)D2 - RECORD DIMENSION PER DEED DESCRIPTION, BOOK 149, PAGE 94, DEED RECORDS. THIS DEED FROM STANDARD OIL COMPANY OF CALIFORNIA TO S.E. BROGOITTI, DATED APRIL 25, 1935.

RECEIVED BY
 Umatilla County Surveyor
 Date: 1/10/2013
 Rec'd By: J. Oles
 No.: 13-006-B

REGISTERED PROFESSIONAL LAND SURVEYOR

 OREGON
 NOVEMBER 29, 2010
 JASON M. WELLS
 54657PLS
 RENEWS 6/30/14

WELLS SURVEYING
 1 SW NYE AVENUE, SUITE B
 P.O. BOX 1696
 PENDLETON, OR 97801
 PHONE: (541) 276-6362

DATE: 12/12 DR. BY: WRW
 CK. BY: JMW NO: 12-1416

PROJECT: \HELIXELEVATORROT

BOUNDARY SURVEY FOR:
 PENDLETON GRAIN GROWERS

LOCATED IN THE NW1/4 OF SECTION 11, TOWNSHIP 4 NORTH, RANGE 33 EAST, W.M., UMATILLA COUNTY, OREGON.