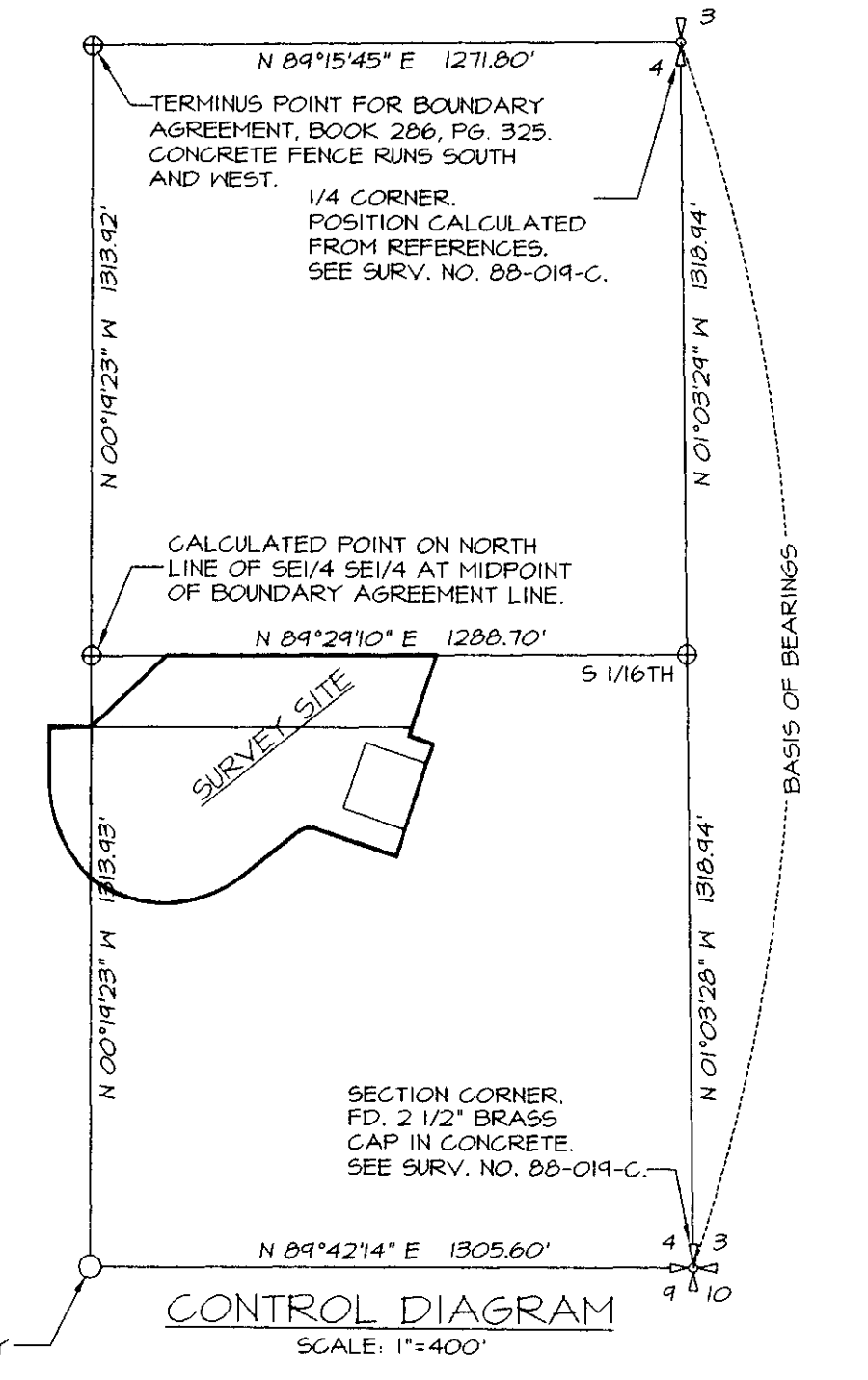


- LEGEND**
- SET 5/8" BY 30" IRON PIN WITH 1/2" YELLOW PLASTIC CAP MARKED FOR PLS 106 WA PLS 11312, UNLESS OTHERWISE NOTED.
  - ⊙ STATE HIGHWAY MONUMENT FOUND, MONUMENTS ARE 5/8" IRON PINS WITH 1/2" PLASTIC CAPS.
  - ⊕ PUBLIC LAND SURVEY CORNER AS NOTED.
  - ⊖ MONUMENT FOUND AS NOTED.
  - ⊙ CALCULATED POINT ONLY, NOT SET OR FOUND.
  - EXISTING FENCES.
  - - - 100 YEAR FLOOD LINE.
  - (1043) GROUND ELEVATION AT PROPERTY CORNER, MEASURED BY GPS OBSERVATION.

- NOTES**
1. WEST RIGHT-OF-WAY LINE OF HIGHWAY NUMBER 37 IS SHOWN FROM DEED RECORDED IN BOOK 146, PAGE 573, DEED RECORDS.
  2. 2 FOOT CONTOURS ARE OVERLAID FROM ELECTRONIC FILE PURCHASED FROM THE CITY OF PENDLETON, AND PREPARED BY PHOTOGRAMMETRIC DATA SERVICES, MAP SHEET 023204D.
  3. 100 YEAR FLOOD LINE WAS PLOTTED FROM ELEVATIONS SHOWN ON FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NUMBER 41021 0005 F, REVISED JULY 15, 1980 AND FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD PROFILE SHEETS OF NELSON CREEK, SHEET NOS. 079, 08P AND 08P.
- (A) 20 FOOT NON-EXCLUSIVE INGRESS-EGRESS & UTILITY EASEMENT TO WAYNE SIMPSON, REEL 286, PAGE 1563.
  - (B) 20 FOOT NON-EXCLUSIVE INGRESS-EGRESS & UTILITY EASEMENT TO WAYNE SIMPSON, REEL 286, PAGE 1558.
  - (C) 20 FOOT PERPETUAL UTILITY EASEMENT TO CITY OF PENDLETON, REEL 35, PAGE 154.



**NARRATIVE OF SURVEY**

THIS SURVEY WAS PREPARED AT THE REQUEST OF H. GALE MARSHALL TO MONUMENT THE BOUNDARIES OF TRACTS I, II AND III, DESCRIBED IN REEL 286, PAGE 1548, AND THE BOUNDARY OF THAT PARCEL OF LAND DESCRIBED IN REEL 265, PAGE 1135, DEED RECORDS.

PORTIONS OF THE NORTH LINE OF THE SE 1/4 OF THE SE 1/4 OF SECTION 4 WERE CALCULATED AS NOTED. THIS SURVEYOR BELIEVES THIS METHOD OF USING THE LOCATION OF THE ANCIENT CONCRETE FENCE TO LOCATE THE NORTH LINE OF THE SE 1/4 SE 1/4 IS MOST APPROPRIATE CONSIDERING THE NORTHEAST CORNER AND NORTH 1/4 CORNERS OF SECTION 4 WERE RE-ESTABLISHED MANY YEARS AFTER THE CONCRETE FENCE WAS CONSTRUCTED.

AS INDICATED ON THIS RECORD OF SURVEY, TWO FOOT CONTOUR DATA WAS PURCHASED FROM THE CITY OF PENDLETON. THIS DATA WAS PROVIDED BY ELECTRONIC DATA FILE AND WAS INSERTED ONTO THE BOUNDARY SURVEY MAP. THE CONTOUR DATA WAS COMPILED IN 1996.

THE CONTROL SURVEY WAS MADE WITH A LEITZ SET 3B ONE SECOND INFRA-RED TOTAL STATION. MEASUREMENTS WERE MADE BY A COMBINATION OF CLOSED TRAVERSE AND RADIAL TIES. BOUNDARY MONUMENTS WERE ESTABLISHED WITH LEICA "REAL TIME" GPS SYSTEM.

**LINE TABLE**

NO.	BEARING	DISTANCE
L1	S 18°22'19" W	19.26'
L2	S 57°24'51" W	16.66'

**CURVE TABLE**

NO.	DELTA	RADIUS	LENGTH	CHORD BEARING AND LENGTH
C1	57°07'57"	46.10'	45.97'	N 79°48'21" E 44.09'
C2	75°32'58"	285.60'	349.95'	N 88°58'47" E 325.14'
C3	46°00'18"	294.99'	236.62'	N 23°19'32" W 230.31'
C4	35° OUTSIDE OFFSET SPIRAL CURVE		38.08'	S 18°36'51" W 38.08'
C5	35° OUTSIDE OFFSET SPIRAL CURVE		43.30'	S 18°20'33" W 43.30'
C6	35° OUTSIDE OFFSET SPIRAL CURVE		150.01'	S 17°50'08" W 150.01'
C7	35° OUTSIDE OFFSET SPIRAL CURVE		60.02'	S 17°03'46" W 60.02'
C8	35° OUTSIDE OFFSET SPIRAL CURVE		4.70'	S 16°45'12" W 4.70'

**REFERENCE SURVEYS**

SURVEY NO. 11-107-B  
 SURVEY NO. 81-004-B  
 SURVEY NO. 88-014-C  
 STATE HIGHWAY RIGHT-OF-WAY MAPS FOR HIGHWAY 37, UNRECORDED CONTROL SURVEY DATA PROVIDED BY DONALD L. STAEBLER, PLS.

REGISTERED PROFESSIONAL LAND SURVEYOR  
**William R. Wells**  
 RECEIVED BY  
 WILLIAM R. WELLS  
 1106  
 RENEWS 6/30/98

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 PHONE: (541) 276-6362

DATE: 1/19/97 DR. BY: DMT  
 CK. BY: MRM NO: 97-429

PROJECT:  
 BOUNDARY SURVEY FOR:  
 H. GALE MARSHALL

LOCATED IN THE SE 1/4 SECTION 4, T2N, R32E, W1M, UMATILLA COUNTY, OREGON

VHS/ALM