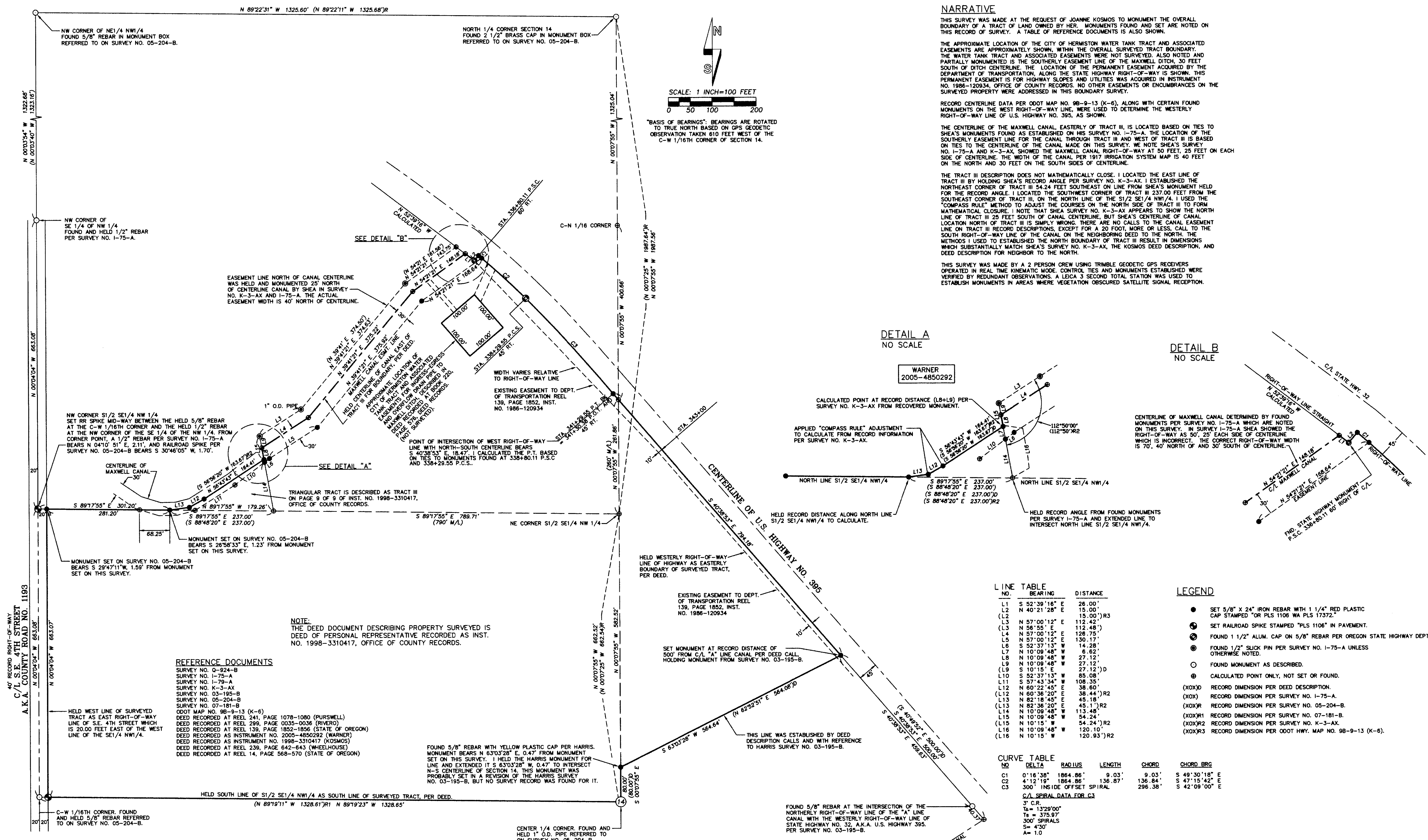


RECORD OF SURVEY



NARRATIVE
 THIS SURVEY WAS MADE AT THE REQUEST OF JOANNE KOSMOS TO MONUMENT THE OVERALL BOUNDARY OF A TRACT OF LAND OWNED BY HER. MONUMENTS FOUND AND SET ARE NOTED ON THIS RECORD OF SURVEY. A TABLE OF REFERENCE DOCUMENTS IS ALSO SHOWN.

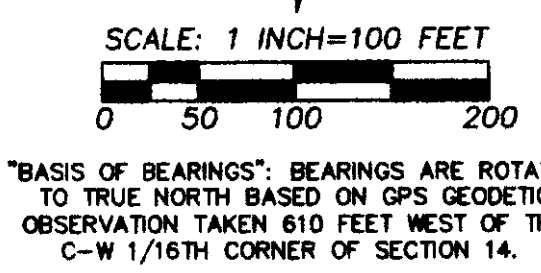
THE APPROXIMATE LOCATION OF THE CITY OF HERMISTON WATER TANK TRACT AND ASSOCIATED EASEMENTS ARE APPROXIMATELY SHOWN, WITHIN THE OVERALL SURVEYED TRACT BOUNDARY. THE WATER TANK TRACT AND ASSOCIATED EASEMENTS WERE NOT SURVEYED. ALSO NOTED AND PARTIALLY MONUMENTED IS THE SOUTHERLY EASEMENT LINE OF THE MAXWELL DITCH, 30 FEET SOUTH OF DITCH CENTERLINE. THE LOCATION OF THE PERMANENT EASEMENT ACQUIRED BY THE DEPARTMENT OF TRANSPORTATION, ALONG THE STATE HIGHWAY RIGHT-OF-WAY IS SHOWN. THIS PERMANENT EASEMENT IS FOR HIGHWAY SLOPES AND UTILITIES WAS ACQUIRED IN INSTRUMENT NO. 1986-120934, OFFICE OF COUNTY RECORDS. NO OTHER EASEMENTS OR ENCUMBRANCES ON THE SURVEYED PROPERTY WERE ADDRESSED IN THIS BOUNDARY SURVEY.

RECORD CENTERLINE DATA PER ODOT MAP NO. 98-9-13 (K-6), ALONG WITH CERTAIN FOUND MONUMENTS ON THE WEST RIGHT-OF-WAY LINE, WERE USED TO DETERMINE THE WESTERLY RIGHT-OF-WAY LINE OF U.S. HIGHWAY NO. 395, AS SHOWN.

THE CENTERLINE OF THE MAXWELL CANAL, EASTERLY OF TRACT III, IS LOCATED BASED ON TIES TO SHEA'S MONUMENTS FOUND AS ESTABLISHED ON HIS SURVEY NO. 1-75-A. THE LOCATION OF THE SOUTHERLY EASEMENT LINE FOR THE CANAL THROUGH TRACT III AND WEST OF TRACT III IS BASED ON TIES TO THE CENTERLINE OF THE CANAL MADE ON THIS SURVEY. WE NOTE SHEA'S SURVEY NOS. 1-75-A AND K-3-AX, SHOWED THE MAXWELL CANAL RIGHT-OF-WAY AT 50 FEET, 25 FEET ON EACH SIDE OF CENTERLINE. THE WIDTH OF THE CANAL PER 1917 IRRIGATION SYSTEM MAP IS 40 FEET ON THE NORTH AND 30 FEET ON THE SOUTH SIDES OF CENTERLINE.

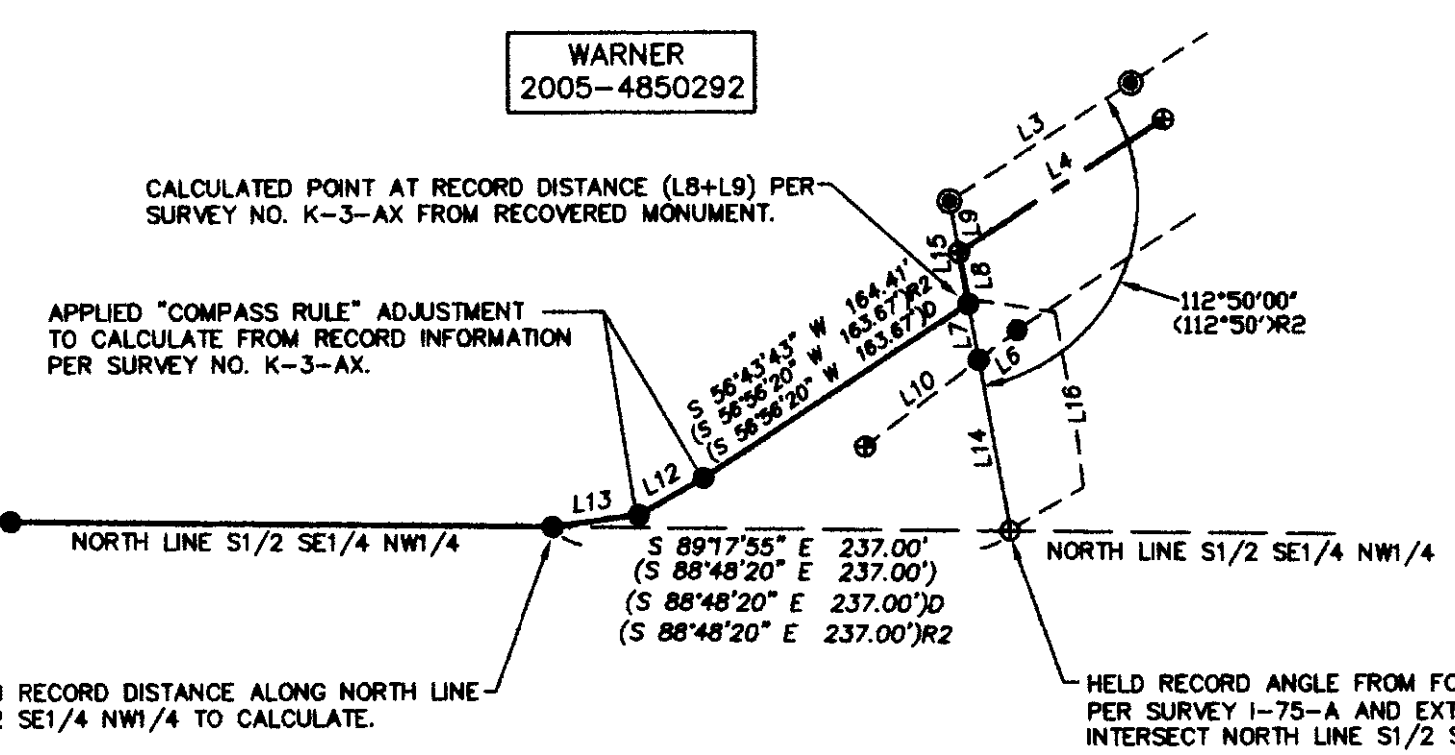
THE TRACT III DESCRIPTION DOES NOT MATHEMATICALLY CLOSE. I LOCATED THE EAST LINE OF TRACT III BY HOLDING SHEA'S RECORD ANGLE PER SURVEY NO. K-3-AX. I ESTABLISHED THE NORTHEAST CORNER OF TRACT III 54.24 FEET SOUTHEAST ON LINE FROM SHEA'S MONUMENT HELD FOR THE RECORD ANGLE. I LOCATED THE SOUTHWEST CORNER OF TRACT III 237.00 FEET FROM THE SOUTHEAST CORNER OF TRACT III, ON THE NORTH LINE OF THE S1/2 SE1/4 NW1/4. I USED THE "COMPASS RULE" METHOD TO ADJUST THE COURSES ON THE NORTH SIDE OF TRACT III TO FORM MATHEMATICAL CLOSURE. I NOTE THAT SHEA SURVEY NO. K-3-AX APPEARS TO SHOW THE NORTH LINE OF TRACT III 25 FEET SOUTH OF CANAL CENTERLINE, BUT SHEA'S CENTERLINE OF CANAL LOCATION NORTH OF TRACT III IS SIMPLY WRONG. THERE ARE NO CALLS TO THE CANAL EASEMENT LINE ON TRACT III RECORD DESCRIPTIONS, EXCEPT FOR A 20 FOOT, MORE OR LESS, CALL TO THE SOUTH RIGHT-OF-WAY LINE OF THE CANAL ON THE NEIGHBORING DEED TO THE NORTH. THE METHODS I USED TO ESTABLISH THE NORTH BOUNDARY OF TRACT III RESULT IN DIMENSIONS WHICH SUBSTANTIALLY MATCH SHEA'S SURVEY NO. K-3-AX, THE KOSMOS DEED DESCRIPTION, AND DEED DESCRIPTION FOR NEIGHBOR TO THE NORTH.

THIS SURVEY WAS MADE BY A 2 PERSON CREW USING TRIMBLE GEODETIC GPS RECEIVERS OPERATED IN REAL TIME KINEMATIC MODE. CONTROL TIES AND MONUMENTS ESTABLISHED WERE VERIFIED BY REDUNDANT OBSERVATIONS. A LEICA 3 SECOND TOTAL STATION WAS USED TO ESTABLISH MONUMENTS IN AREAS WHERE VEGETATION OBSCURED SATELLITE SIGNAL RECEPTION.

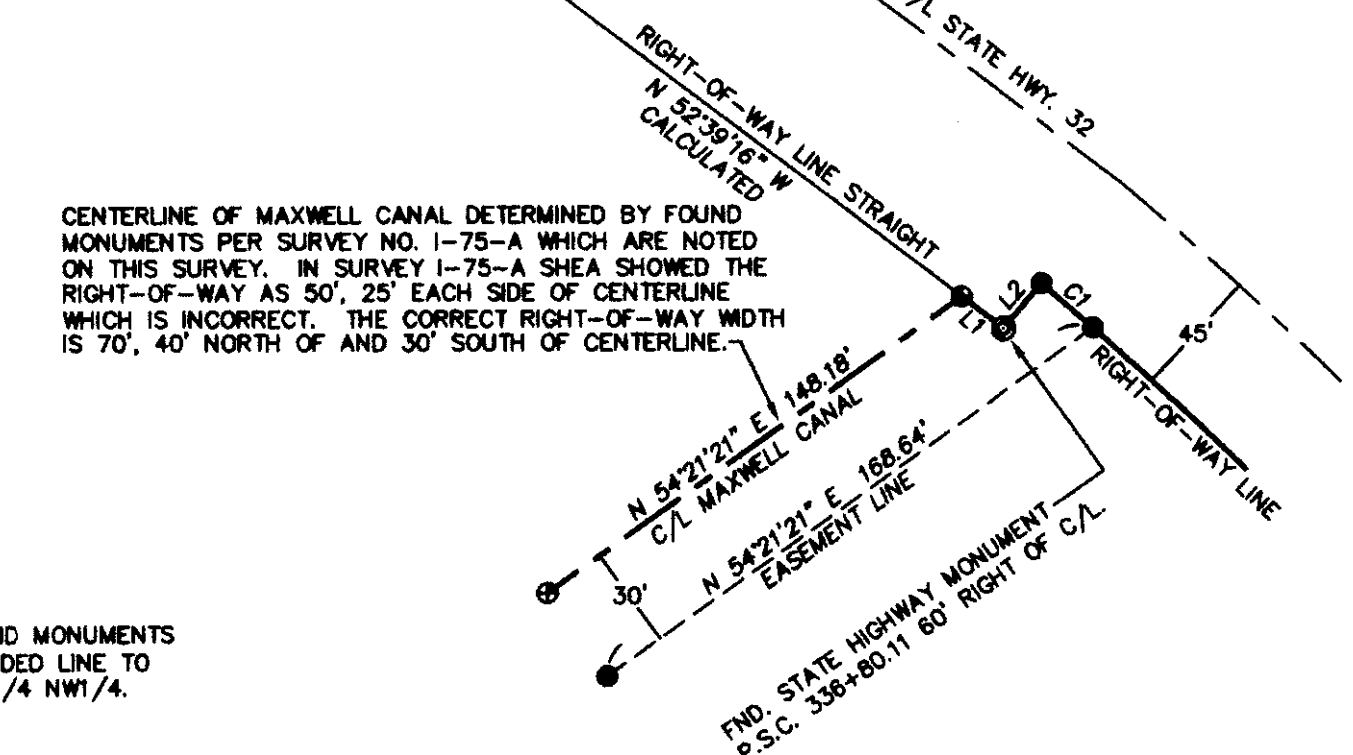


"BASIS OF BEARINGS": BEARINGS ARE ROTATED TO TRUE NORTH BASED ON GPS GEODETIC OBSERVATION TAKEN 610 FEET WEST OF THE C-W 1/16TH CORNER OF SECTION 14.

DETAIL A
NO SCALE



DETAIL B
NO SCALE



LINE TABLE

NO.	BEARING	DISTANCE
L1	S 52°39'16" E	26.00'
L2	N 40°21'28" E	15.00'
(L2)	N 57°00'12" E	112.42'
(L3)	N 56°55' E	112.48' R3
L4	N 57°00'12" E	128.75'
L5	N 57°00'12" E	130.17'
(L6)	N 57°00'12" E	14.28'
L7	N 10°09'48" W	6.62'
L8	N 10°09'48" W	27.12'
L9	N 10°09'48" W	27.12'
(L9)	S 10°15' E	27.12' D
L10	S 52°37'13" W	85.08'
L11	S 57°43'34" W	108.35'
L12	N 60°22'45" E	38.60'
(L12)	N 60°36'20" E	38.44' R2
L13	N 82°18'45" E	45.18'
(L13)	N 82°38'20" E	45.1' R2
L14	N 10°09'48" W	113.48'
L15	N 10°09'48" W	54.24'
(L15)	N 10°15' W	54.24' R2
L16	N 10°09'48" W	120.10'
(L16)	N 10°15' W	120.93' R2

- LEGEND**
- SET 5/8" X 24" IRON REBAR WITH 1 1/4" RED PLASTIC CAP STAMPED "OR PLS 1106 WA PLS 17372."
 - ⊕ SET RAILROAD SPIKE STAMPED "PLS 1106" IN PAVEMENT.
 - ⊙ FOUND 1/2" ALUM. CAP ON 5/8" REBAR PER OREGON STATE HIGHWAY DEPT. OTHERWISE NOTED.
 - ⊙ FOUND 1/2" SLICK PIN PER SURVEY NO. 1-75-A UNLESS OTHERWISE NOTED.
 - ⊙ FOUND MONUMENT AS NOTED.
 - CALCULATED POINT ONLY, NOT SET OR FOUND.
 - (XOX)D RECORD DIMENSION PER DEED DESCRIPTION.
 - (XOX) RECORD DIMENSION PER SURVEY NO. 1-75-A.
 - (XOX)R RECORD DIMENSION PER SURVEY NO. 05-204-B.
 - (XOX)R1 RECORD DIMENSION PER SURVEY NO. 07-181-B.
 - (XOX)R2 RECORD DIMENSION PER SURVEY NO. K-3-AX.
 - (XOX)R3 RECORD DIMENSION PER ODOT HWY. MAP NO. 98-9-13 (K-6).

CURVE TABLE

NO.	DELTA	RADIUS	LENGTH	CHORD	CHORD BRG.
C1	0°16'38"	1864.86'	9.03'	9.03'	S 49°30'18" E
C2	4°12'19"	1864.86'	136.87'	136.84'	S 47°15'42" E
C3	300'	INSIDE OFFSET SPIRAL	296.38'		S 42°09'00" E

C/L SPIRAL DATA FOR C3

3° C.R.
 T₁ = 1329.00'
 T₂ = 375.97'
 300' SPIRALS
 S = 4°30'
 A = 1.0

- REFERENCE DOCUMENTS**
- SURVEY NO. 0-924-B
 - SURVEY NO. 1-75-A
 - SURVEY NO. 1-79-A
 - SURVEY NO. K-3-AX
 - SURVEY NO. 03-195-B
 - SURVEY NO. 05-204-B
 - SURVEY NO. 07-181-B
 - ODOT MAP NO. 98-9-13 (K-6)
 - DEED RECORDED AT REEL 241, PAGE 1078-1080 (PURSWELL)
 - DEED RECORDED AT REEL 299, PAGE 0035-0036 (RIVERO)
 - DEED RECORDED AT REEL 139, PAGE 1852-1856 (STATE OF OREGON)
 - DEED RECORDED AS INSTRUMENT NO. 2005-4850292 (WARNER)
 - DEED RECORDED AS INSTRUMENT NO. 1998-3310417 (KOSMOS)
 - DEED RECORDED AT REEL 239, PAGE 642-643 (WHEELHOUSE)
 - DEED RECORDED AT REEL 14, PAGE 568-570 (STATE OF OREGON)

NOTE:
 THE DEED DOCUMENT DESCRIBING PROPERTY SURVEYED IS DEED OF PERSONAL REPRESENTATIVE RECORDED AS INST. NO. 1998-3310417, OFFICE OF COUNTY RECORDS.

FOUND 5/8" REBAR WITH YELLOW PLASTIC CAP PER HARRIS. MONUMENT BEARS N 63°03'28" E, 0.47' FROM MONUMENT SET ON THIS SURVEY. I HELD THE HARRIS MONUMENT FOR LINE AND EXTENDED IT S 63°03'28" W, 0.47' TO INTERSECT N-S CENTERLINE OF SECTION 14. THIS MONUMENT WAS PROBABLY SET IN A REVISION OF THE HARRIS SURVEY NO. 03-195-B, BUT NO SURVEY RECORD WAS FOUND FOR IT.

REGISTERED PROFESSIONAL LAND SURVEYOR RECEIVED BY Umatilla County Surveyor Date: 11-02 Rec'd by: KK No. 07-272-C	WILLIAM R. WELLS, PLS 2602 N.E. RIVERSIDE PLACE P.O. BOX 1696 PENDLETON, OREGON PHONE: (541) 276-6362	PROJECT: BOUNDARY SURVEY FOR: JOANNE KOSMOS LOCATED IN THE NORTH HALF OF SECTION 14, T4N., R2E., W.M., CITY OF HERMISTON, UMATILLA COUNTY, OREGON
OREGON JULY 22, 1977 WILLIAM R. WELLS 1106 RENEWS 6/30/08	DATE: 09/07 DR. BY: JMW CK. BY: WRW NO: 07-1147	