

SHEET 1 CURVE TABLE

CURVE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	RADIUS	Δ	SURVEY RECORD
C-1	90.16' (90.16')	90.16' (90.15')	S43° 09'34"E (S44° 12'50"E)	2999.21' (2894.80')	1° 43'21"	R-10
C-2	80.11' (80.09')	80.11' (80.09')	S44° 47'10"E (45° 54'E)	2999.21' (2894.80')	1° 31'50"	R-10
C-3	80.03' (80.02')	80.03' (80.02')	S46° 18'55"E (S47° 29'E)	2999.21' (2894.80')	1° 31'44"	R-10
C-4	30.94' (18.92')	30.94' (18.92')	S47° 22'30"E (48° 27'50"E)	2999.21' (2894.80')	0° 35'28"	R-10

SHEET 1 LINE TABLE

LINE #	BEARING	DISTANCE	RECORD BEARING	RECORD DISTANCE	SURVEY RECORD #
L-1	N42° 17'53"W	0.12'	S43° 19'15"E	0.12'	R-10
L-2	N47° 40'15"W	49.07'	S48° 39"E	61.08'	R-10
L-3	N47° 40'15"W	90.01'	S48° 39"E	90.00'	R-10
L-4	N47° 40'15"W	110.00'	S48° 39"E	110.00'	R-10
L-5	S42° 22'23"W	122.50'	S41° 21'W	122.52'	R-10
L-6	S42° 22'23"W	109.98'	S41° 21'W	110.00'	R-10
L-7	N47° 35'24"W	90.01'	S48° 39"E	90.00'	R-10
L-8	N47° 38'04"W	90.01'	S48° 39"E	90.00'	R-10
L-9	S42° 22'14"W	115.52'	S41° 21'W	115.53'	R-10
L-10	S42° 22'14"W	109.96'	S41° 21'W	110.00'	R-10
L-11	N47° 35'27"W	80.01'	S48° 39"E	80.00'	R-10
L-12	N47° 38'06"W	80.01'	S48° 39"E	80.00'	R-10
L-13	S42° 22'14"W	109.95'	S41° 21'W	110.00'	R-10
L-14	S42° 22'14"W	111.60'	S41° 21'W	111.69'	R-10
L-15	N47° 35'23"W	80.01'	S48° 39"E	80.00'	R-10
L-16	N47° 38'05"W	80.01'	S48° 39"E	80.00'	R-10
L-17	S42° 22'14"W	109.93'	S41° 21'W	110.00'	R-10
L-18	S42° 22'13"W	109.82'	S41° 21'W	110.00'	R-10
L-19	N47° 35'24"W	80.01'	S48° 39"E	80.00'	R-10
L-20	N47° 38'02"W	80.01'	S48° 39"E	80.00'	R-10
L-21	S42° 22'14"W	109.92'	S41° 21'W	110.00'	R-10
L-22	S42° 22'14"W	109.78'	S41° 21'W	110.00'	R-10
L-23	N47° 35'25"W	90.01'	S48° 39"E	90.00'	R-10
L-24	N47° 38'05"W	90.01'	S48° 39"E	90.00'	R-10
L-25	S42° 22'12"W	109.90'	S41° 21'W	110.00'	R-10
L-26	S42° 22'12"W	109.90'	S41° 21'W	110.00'	R-10

LOCAL DATUM COORDINATE TABLE

POINT DESCRIPTION	MONUMENT FOUND	MONUMENT SET	CALCULATED POINT ONLY	NORTHING	EASTING
54+17.98 P.O.T., 30' RT.		X		22,684.81	17,563.96
54+33.79 P.O.T., E		X		22,693.30	17,596.79
54+49.42 P.O.T., 30' LT.		X		22,701.93	17,629.50
55+13.43 P.O.T., E			X	22,634.40	17,650.39
58+39.65 P.C., 30' RT.		X		22,520.85	17,713.14
58+39.65 P.C., E		X		22,541.04	17,735.33
58+39.65 P.C., 30' LT.		X		22,561.23	17,757.52
59+18.09 P.T., 30' RT.		X		22,321.99	17,911.88
59+18.09 P.T., E		X		22,344.17	17,932.09
59+18.09 P.T., 30' LT.		X		22,366.35	17,952.29
65+17.72 P.C., 30' RT.		X		21,918.21	18,355.18
65+17.72 P.C., E		X		21,940.39	18,375.39
65+17.72 P.C., 30' LT.		X		21,962.57	18,395.59
HWY 730, 216+29.10 P.O.T. BK.	X			23,069.90	18,858.81
HWY 730, 210+00.00 P.O.T.	X			22,906.85	18,251.20
HWY 730, 400+09.09 P.T. E			X	22,758.80	17,667.99
HWY 730, 396+09.09 P.C.S. E			X	22,673.29	17,277.59
DEAN AVE./W. R/W LINE POWERLINE	X			22,543.22	17,692.78
CAROLINA AVE./W. R/W LINE POWERLINE	X			22,208.13	18,036.89
PETERSON ADDN. NE COR. LOT 5 BLOCK 5			X	22,520.93	17,713.06
PETERSON ADDN. NE COR. LOT 4 BLOCK 5			X	22,455.08	17,774.81
PETERSON ADDN. NE COR. LOT 3 BLOCK 5			X	22,398.22	17,831.24
PETERSON ADDN. NE COR. LOT 2 BLOCK 5			X	22,342.94	17,889.12
PETERSON ADDN. NE COR. LOT 1 BLOCK 5			X	22,288.95	17,948.16
PETERSON ADDN. SE COR. LOT 1 BLOCK 5			X	22,228.34	18,014.71
PETERSON ADDN. NE COR. LOT 1 BLOCK 4			X	22,187.93	18,059.07
PETERSON ADDN. SE COR. LOT 1 BLOCK 4			X	22,113.86	18,140.39

- NOTES**
- THE WESTERLY RIGHT-OF-WAY LINE FROM HIGHWAY 730 TO DEAN AVENUE WAS DETERMINED BY HOLDING THE RECORD PLAT ANGLE FROM THE CENTERLINE OF DEAN AVENUE, THE LOCATION OF WHICH WAS DETERMINED FROM A 3/4" PIPE FOUND AT THE INTERSECTION OF DEAN AVENUE AND AL STREET. THE P.C. OF THE WESTERLY RIGHT-OF-WAY LINE WAS ESTABLISHED AT PLAT DISTANCE (0.12') FROM THE NORTHEAST CORNER OF LOT 5 BLOCK 5 ALONG THE LINE PREVIOUSLY DESCRIBED. THE P.I. OF THE SAME CURVE WAS ESTABLISHED BY INTERSECTING THE TANGENT LINE PREVIOUSLY DESCRIBED WITH A LINE AT RIGHT ANGLES TO THE CENTERLINE OF CAROLINA ROAD, THE LOCATION OF WHICH WAS DETERMINED FROM A 3/4" PIPE FOUND NEAR POWERLINE ROAD AND A 1/2" PIPE FOUND AT THE INTERSECTION OF CAROLINA ROAD AND MARTIN DRIVE. SEMI-TANGENT LENGTH WAS HELD AT THE CALCULATED DISTANCE FROM THE P.I. THUS ESTABLISHED TO THE P.C. PREVIOUSLY ESTABLISHED.
 - THE P.C. FOR THE RIGHT-OF-WAY LINE CURVE NEAR THE SOUTH END OF PETERSON'S ADDITION WAS ESTABLISHED BY INTERSECTING THE LINE 90° TO THE CENTERLINE OF CAROLINA ROAD WITH THE EXTENSION OF A CURVE RUNNING THROUGH MONUMENTS FOUND AT ITS P.T. (R-15), AT THE SOUTHEAST CORNER OF LOT 1 BLOCK 1 (R-10), AND AT THE CENTERLINE OF MARTIN DRIVE (R-10).
 - LOT AND BLOCK DIMENSIONS SHOWN IN BLOCK 5 WERE DETERMINED BY ESTABLISHING STREET RIGHT-OF-WAY LINES FROM FOUND 3/4" PIPES AT STREET CENTERLINES, THEN PROPORTIONING ALONG BLOCK LINES TO ESTABLISH LOT CORNERS. DISTANCES ALONG POWERLINE ROAD WERE ALSO PROPORTIONED. BLOCK 4 AND BLOCK 3 FRONTAGE DISTANCES ARE AS SHOWN ON PETERSON'S ADDITION PLAT. THE NORTH LINE OF BLOCK 1 IS BASED ON THE CALCULATED RIGHT-OF-WAY LINE OF MARTIN DRIVE. THE SOUTH LINE SHOWN IS A LINE FROM THE MONUMENT FOUND AT THE SOUTHEAST CORNER RUNNING PARALLEL WITH THE NORTH LINE. THE WESTERLY LINE OF BLOCK 1 IS A LINE 30' NORTHEAST OF THE CENTERLINE OF CLIFF STREET, WHICH IS SHOWN 90° TO THE CENTERLINE OF MARTIN DRIVE.
 - THE INTERSECTION OF POWERLINE ROAD WITH HIGHWAY 730 WAS ESTABLISHED BY INTERSECTING A LINE 8.17 FEET NORTHWESTERLY FROM AND PARALLEL TO THE MONUMENTS FOUND EAST OF THE UMATILLA RIVER BRIDGE (PER 1949 OSHD R/W * 58-34-12) WITH THE EXPANSION JOINT ON THE WEST END OF THE BRIDGE AND CALLING IT THE P.T. STATION (PER 1960 OSHD R/W MAP * 88-18-21). RECORD SPIRAL DATA WAS HELD FOR HIGHWAY 730 CENTERLINE, AND OFFSET SPIRAL INTERSECTIONS WITH POWERLINE ROAD R/W LINES AND CENTERLINE WERE CALCULATED. IT SHOULD BE NOTED THAT BOTH THE ALIGNMENT AND STATIONING ARE DIFFERENT FROM ONE RIGHT-OF-WAY MAP TO THE OTHER AND THAT THE BREAK BETWEEN THE MAPS IS AT THE BRIDGE.
 - FOR TIES FROM SECTION OR 1/4-CORNER MONUMENTS, SEE COORDINATES ON SHEET A-1.

UMATILLA COUNTY ROAD DEPT
 3928 Westgate
 Pendleton, Oregon 97801

Survey For:
 Legalization of Powerline Road
 County Road * 1225

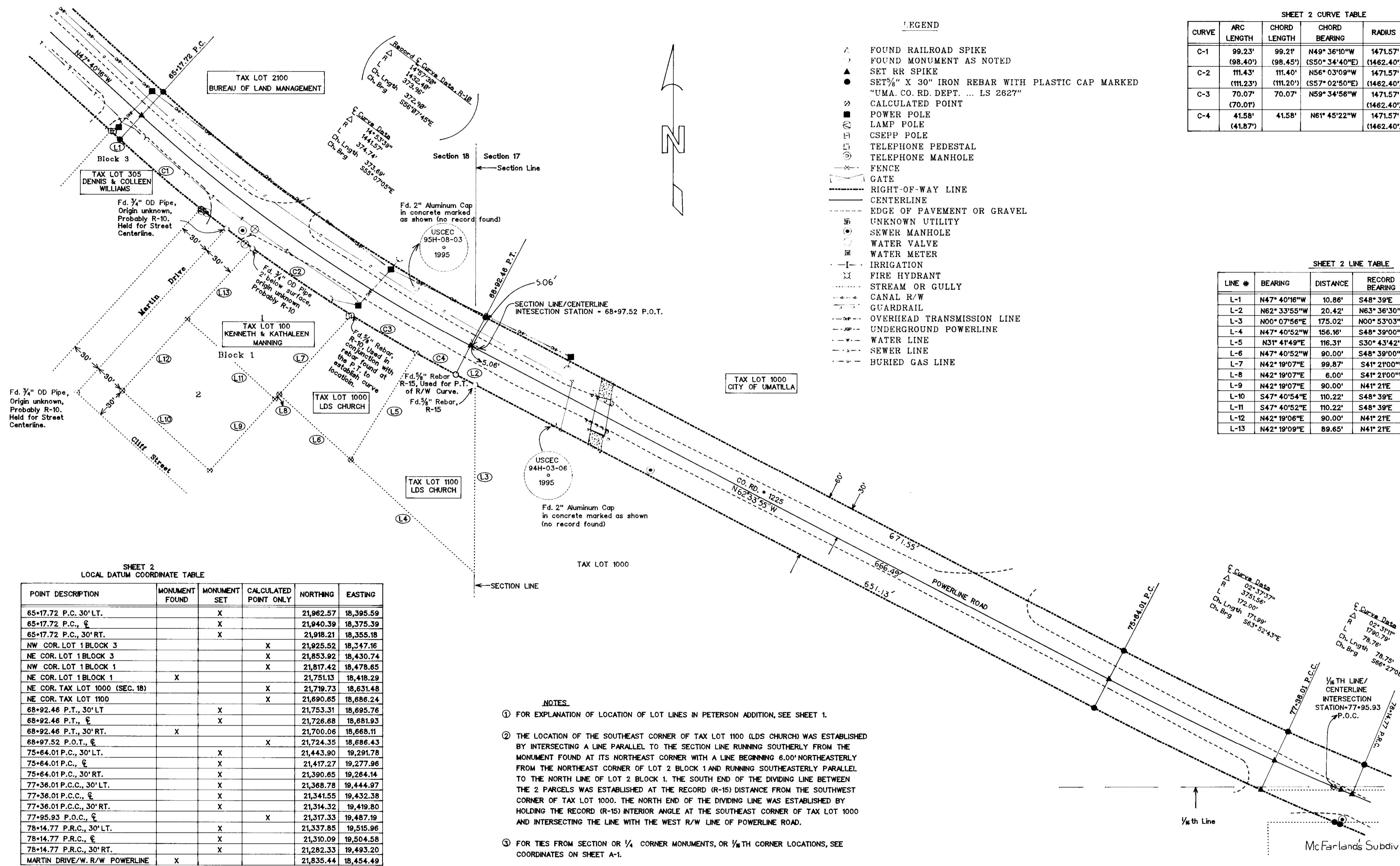
Located:
 Sections 17, 18, and 20, Township 5 North
 Range 28 East of the Willamette Meridian

Survey By: Gary Roberts
 Drawn By: Jeannie Gorham
 Checked By: Gary Roberts

Scales: 1" = 50'
 Dates: March, 1998
 Sheets: 1

REGISTERED PROFESSIONAL LAND SURVEYOR
 Gary R. Roberts
 OREGON
 JULY 28, 1993
 GARY R. ROBERTS
 2627
 RENEWS 12-31-98

4-98
 KK
 98-55-C



- LEGEND**
- ▲ FOUND RAILROAD SPIKE
 - ▷ FOUND MONUMENT AS NOTED
 - ▲ SET RR SPIKE
 - SET 3/8" X 30" IRON REBAR WITH PLASTIC CAP MARKED "UMA. CO. RD. DEPT. ... LS 2627"
 - CALCULATED POINT
 - POWER POLE
 - LAMP POLE
 - CSEPP POLE
 - TELEPHONE PEDESTAL
 - TELEPHONE MANHOLE
 - FENCE
 - GATE
 - RIGHT-OF-WAY LINE
 - CENTERLINE
 - EDGE OF PAVEMENT OR GRAVEL
 - UNKNOWN UTILITY
 - SEWER MANHOLE
 - WATER VALVE
 - WATER METER
 - IRRIGATION
 - FIRE HYDRANT
 - STREAM OR GULLY
 - CANAL R/W
 - GUARDRAIL
 - OVERHEAD TRANSMISSION LINE
 - UNDERGROUND POWERLINE
 - WATER LINE
 - SEWER LINE
 - BURIED GAS LINE

SHEET 2 CURVE TABLE

CURVE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	RADIUS	△	SURVEY RECORD
C-1	98.23' (98.40')	99.21' (98.45')	N49° 36'10"W (S50° 34'40"E)	1471.57' (1462.40')	3° 51'48"	R-10
C-2	111.43' (111.23')	111.40' (111.20')	N56° 03'09"W (S57° 02'50"E)	1471.57' (1462.40')	4° 20'19"	R-10
C-3	70.07' (70.01')	70.07'	N59° 34'58"W	1471.57' (1462.40')	2° 43'42"	R-15
C-4	41.58' (41.87')	41.58'	N61° 45'22"W	1471.57' (1462.40')	1° 37'08"	R-15

SHEET 2 LINE TABLE

LINE #	BEARING	DISTANCE	RECORD BEARING	RECORD DISTANCE	SURVEY RECORD #
L-1	N47° 40'16"W	10.86'	S48° 39'E	11.62'	R-10
L-2	N62° 33'55"W	20.42'	N63° 36'30"W	20.44'	R-15
L-3	N00° 07'56"E	175.02'	N00° 53'03"W	175.90'	R-15
L-4	N47° 40'52"W	156.16'	S48° 39'00"E	157.07'	R-15
L-5	N31° 41'49"E	116.31'	S30° 43'42"W	116.73'	R-15
L-6	N47° 40'52"W	90.00'	S48° 39'00"E	90.00'	R-15
L-7	N42° 19'07"E	99.87'	S41° 21'00"W	100.24'	R-15
L-8	N42° 19'07"E	6.00'	S41° 21'00"W	6.00'	R-15
L-9	N42° 19'07"E	90.00'	N41° 21'E	90.00'	R-10
L-10	S47° 40'54"E	110.22'	S48° 39'E	110.00'	R-10
L-11	S47° 40'52"E	110.22'	S48° 39'E	110.00'	R-10
L-12	N42° 19'06"E	90.00'	N41° 21'E	90.00'	R-10
L-13	N42° 19'09"E	89.65'	N41° 21'E	90.00'	R-10

SHEET 2 LOCAL DATUM COORDINATE TABLE

POINT DESCRIPTION	MONUMENT FOUND	MONUMENT SET	CALCULATED POINT ONLY	NORTHING	EASTING
65+17.72 P.C. 30' LT.		X		21,982.57	18,395.59
65+17.72 P.C., ☉		X		21,940.39	18,375.39
65+17.72 P.C., 30' RT.		X		21,918.21	18,355.18
NW COR. LOT 1 BLOCK 3			X	21,925.52	18,247.16
NE COR. LOT 1 BLOCK 3			X	21,853.92	18,430.74
NW COR. LOT 1 BLOCK 1			X	21,817.42	18,478.65
NE COR. LOT 1 BLOCK 1	X			21,751.13	18,418.29
NE COR. TAX LOT 1000 (SEC. 18)			X	21,719.73	18,631.48
NE COR. TAX LOT 1100			X	21,690.65	18,686.24
68+92.46 P.T., 30' LT.		X		21,753.31	18,695.76
68+92.46 P.T., ☉		X		21,726.68	18,681.93
68+92.46 P.T., 30' RT.	X			21,700.06	18,668.11
68+97.52 P.O.T., ☉			X	21,724.35	18,686.43
75+64.01 P.C., 30' LT.		X		21,443.90	19,291.78
75+64.01 P.C., ☉		X		21,417.27	19,277.96
75+64.01 P.C., 30' RT.		X		21,390.65	19,264.14
77+36.01 P.C.C., 30' LT.		X		21,368.78	19,444.97
77+36.01 P.C.C., ☉		X		21,341.55	19,432.38
77+36.01 P.C.C., 30' RT.		X		21,314.32	19,419.80
77+95.93 P.O.C., ☉			X	21,317.33	19,487.19
78+14.77 P.R.C., 30' LT.		X		21,337.85	19,515.96
78+14.77 P.R.C., ☉		X		21,310.09	19,504.58
78+14.77 P.R.C., 30' RT.		X		21,282.33	19,493.20
MARTIN DRIVE/W. R/W POWERLINE	X			21,835.44	18,454.49

- NOTES**
- FOR EXPLANATION OF LOCATION OF LOT LINES IN PETERSON ADDITION, SEE SHEET 1.
 - THE LOCATION OF THE SOUTHEAST CORNER OF TAX LOT 1100 (LDS CHURCH) WAS ESTABLISHED BY INTERSECTING A LINE PARALLEL TO THE SECTION LINE RUNNING SOUTHERLY FROM THE MONUMENT FOUND AT ITS NORTHEAST CORNER WITH A LINE BEGINNING 6.00' NORTHEASTERLY FROM THE NORTHEAST CORNER OF LOT 2 BLOCK 1 AND RUNNING SOUTHEASTERLY PARALLEL TO THE NORTH LINE OF LOT 2 BLOCK 1. THE SOUTH END OF THE DIVIDING LINE BETWEEN THE 2 PARCELS WAS ESTABLISHED AT THE RECORD (R-15) DISTANCE FROM THE SOUTHWEST CORNER OF TAX LOT 1000. THE NORTH END OF THE DIVIDING LINE WAS ESTABLISHED BY HOLDING THE RECORD (R-15) INTERIOR ANGLE AT THE SOUTHEAST CORNER OF TAX LOT 1000 AND INTERSECTING THE LINE WITH THE WEST R/W LINE OF POWERLINE ROAD.
 - FOR TIES FROM SECTION OR 1/4 CORNER MONUMENTS, OR 1/8 TH CORNER LOCATIONS, SEE COORDINATES ON SHEET A-1.

UMATILLA COUNTY ROAD DEPT
 3928 Westgate
 Pendleton, Oregon 97801

Survey for:
Legalization of Powerline Road
 County Road • 1225

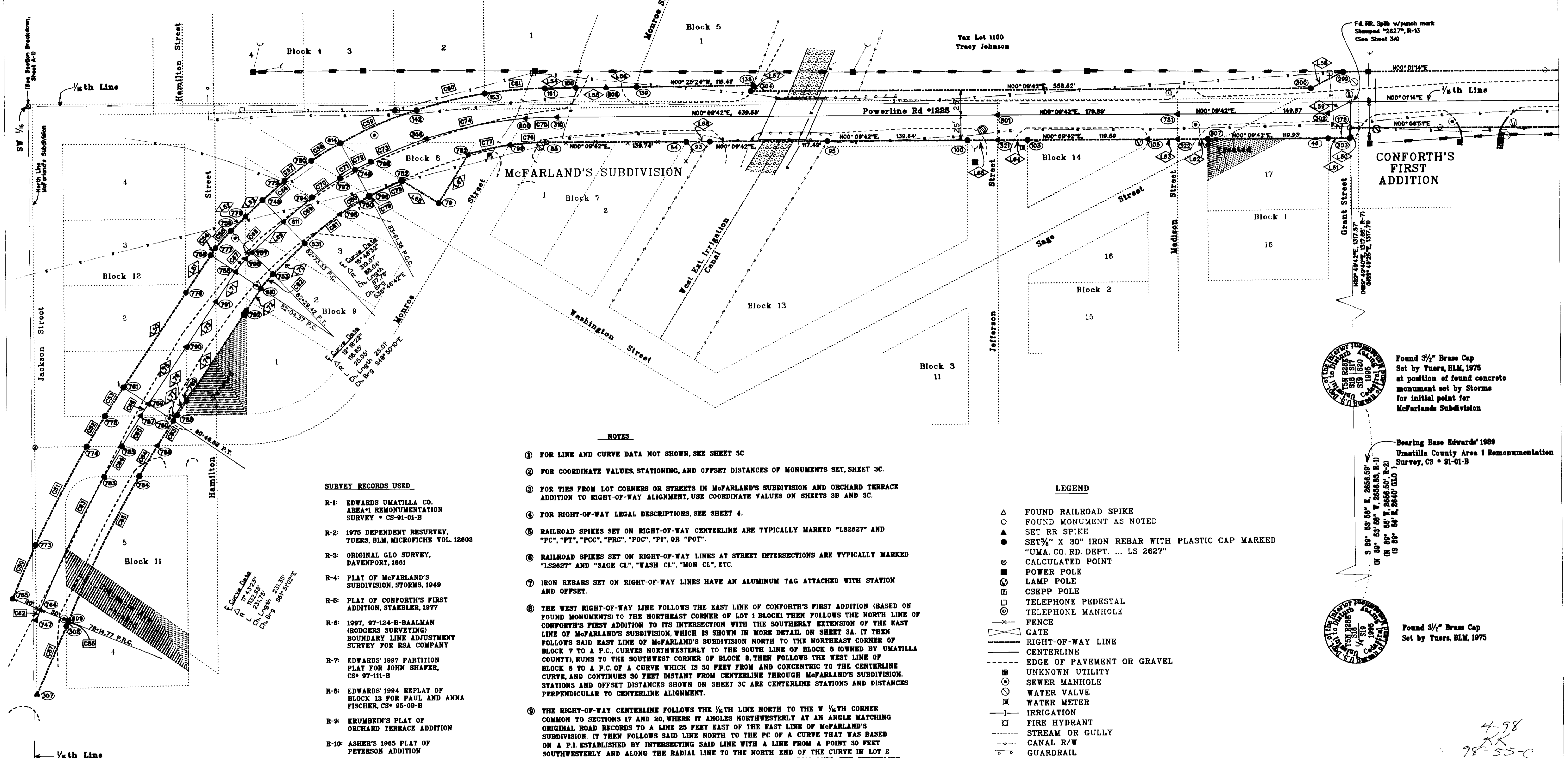
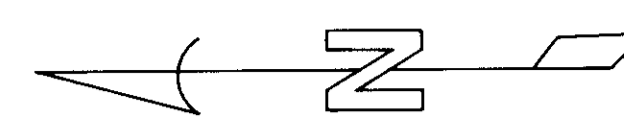
Located:
 Sections 17, 18, and 20, Township 5 North
 Range 28 East of the Willamette Meridian

Survey By: Gary Roberts	Drawn By: Jeanne Gorham	Checked By: Gary Roberts
Scale: 1" = 50'	Date: March, 1998	Sheet: 2

REGISTERED
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ORCHARD TERRACE ADDITION



SURVEY RECORDS USED

- R-1: EDWARDS UMATILLA CO. AREA-1 REMONUMENTATION SURVEY • CS-91-01-B
- R-2: 1975 DEPENDENT RESURVEY, TURNER, BLM, MICROFICHE VOL. 12803
- R-3: ORIGINAL GLO SURVEY, DAVENPORT, 1861
- R-4: PLAT OF McFARLAND'S SUBDIVISION, STORMS, 1949
- R-5: PLAT OF CONFORTH'S FIRST ADDITION, STAEBLER, 1977
- R-6: 1997, 97-124-B-BALMAN (RODGERS SURVEYING) BOUNDARY LINE ADJUSTMENT SURVEY FOR RSA COMPANY
- R-7: EDWARDS' 1997 PARTITION PLAT FOR JOHN SHAFER, CS* 97-111-B
- R-8: EDWARDS' 1994 REPLAT OF BLOCK 13 FOR PAUL AND ANNA FISCHER, CS* 95-09-B
- R-9: KRUMBEIN'S PLAT OF ORCHARD TERRACE ADDITION
- R-10: ASHER'S 1965 PLAT OF PETERSON ADDITION
- R-11: EDWARDS' 1998 SURVEY FOR JACK HEWELL, CS* 97-08-A
- R-12: GIERING'S 1986 SURVEY FOR THE CITY OF UMATILLA, CS* L-79-C
- R-13: ROBERTS, CS* 97-191-A
- R-14: GRIFFIS & WIGHTMAN, 1983 CS* 83-201-B
- R-15: LAGIER, 1979 CS* Q-1222-B
- R-16: WENGLER (CH2M HILL), 1979 CS* Q-980-B

NOTES

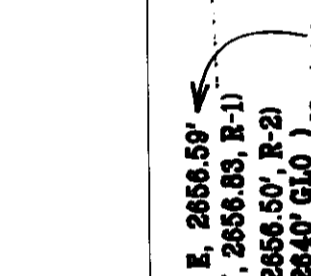
- 1 FOR LINE AND CURVE DATA NOT SHOWN, SEE SHEET 3C
- 2 FOR COORDINATE VALUES, STATIONING, AND OFFSET DISTANCES OF MONUMENTS SET, SHEET 3C.
- 3 FOR TIES FROM LOT CORNERS OR STREETS IN McFARLAND'S SUBDIVISION AND ORCHARD TERRACE ADDITION TO RIGHT-OF-WAY ALIGNMENT, USE COORDINATE VALUES ON SHEETS 3B AND 3C.
- 4 FOR RIGHT-OF-WAY LEGAL DESCRIPTIONS, SEE SHEET 4.
- 5 RAILROAD SPIKES SET ON RIGHT-OF-WAY CENTERLINE ARE TYPICALLY MARKED "LS2627" AND "PC", "PT", "PCC", "PRC", "POC", "PI", OR "POT".
- 6 RAILROAD SPIKES SET ON RIGHT-OF-WAY LINES AT STREET INTERSECTIONS ARE TYPICALLY MARKED "LS2627" AND "SAGE CL.", "WASH CL.", "MON CL.", ETC.
- 7 IRON REBARS SET ON RIGHT-OF-WAY LINES HAVE AN ALUMINUM TAG ATTACHED WITH STATION AND OFFSET.
- 8 THE WEST RIGHT-OF-WAY LINE FOLLOWS THE EAST LINE OF CONFORTH'S FIRST ADDITION (BASED ON FOUND MONUMENTS) TO THE NORTHEAST CORNER OF LOT 1 BLOCK 1 THEN FOLLOWS THE NORTH LINE OF CONFORTH'S FIRST ADDITION TO ITS INTERSECTION WITH THE SOUTHERLY EXTENSION OF THE EAST LINE OF McFARLAND'S SUBDIVISION, WHICH IS SHOWN IN MORE DETAIL ON SHEET 3A. IT THEN FOLLOWS SAID EAST LINE OF McFARLAND'S SUBDIVISION NORTH TO THE NORTHEAST CORNER OF BLOCK 7 TO A P.C. CURVES NORTHWESTERLY TO THE SOUTH LINE OF BLOCK 8 OWNED BY UMATILLA COUNTY, RUNS TO THE SOUTHWEST CORNER OF BLOCK 8, THEN FOLLOWS THE WEST LINE OF BLOCK 8 TO A P.C. OF A CURVE WHICH IS 30 FEET FROM AND CONCENTRIC TO THE CENTERLINE CURVE, AND CONTINUES 30 FEET DISTANT FROM CENTERLINE THROUGH McFARLAND'S SUBDIVISION. STATIONS AND OFFSET DISTANCES SHOWN ON SHEET 3C ARE CENTERLINE STATIONS AND DISTANCES PERPENDICULAR TO CENTERLINE ALIGNMENT.
- 9 THE RIGHT-OF-WAY CENTERLINE FOLLOWS THE 1/4TH LINE NORTH TO THE W 1/4TH CORNER COMMON TO SECTIONS 17 AND 20, WHERE IT ANGLES NORTHWESTERLY AT AN ANGLE MATCHING ORIGINAL ROAD RECORDS TO A LINE 25 FEET EAST OF THE EAST LINE OF McFARLAND'S SUBDIVISION. IT THEN FOLLOWS SAID LINE NORTH TO THE P.C. OF A CURVE THAT WAS BASED ON A P.L. ESTABLISHED BY INTERSECTING SAID LINE WITH A LINE FROM A POINT 30 FEET SOUTHWESTERLY AND ALONG THE RADIAL LINE TO THE NORTH END OF THE CURVE IN LOT 2 BLOCK 4, ORCHARD TERRACE ADDITION, AND BEARING 90° TO THE RADIAL LINE. THE CENTERLINE THROUGH THE REMAINDER OF McFARLAND'S SUBDIVISION WAS BASED ON EXISTING ROAD AND IMPROVEMENT LOCATIONS
- 10 THE EAST RIGHT-OF-WAY LINE RUNS 30 FEET FROM AND PARALLEL TO THE 1/4TH LINE TO A P.L. BASED ON THE P.L. AT THE W 1/4 CORNER COMMON TO SECTIONS 17 AND 20, THEN RUNS PARALLEL TO THE BEARING OF THE SHORT CENTERLINE TANGENT TO ITS INTERSECTION WITH A LINE 50 FEET FROM THE EAST LINE OF McFARLAND'S SUBDIVISION. IT THEN TURNS AND RUNS NORTH ALONG SAID LINE TO THE NORTHERLY RIGHT-OF-WAY LINE OF THE WEST EXTENSION IRRIGATION CANAL SOUTH LINE OF ORCHARD TERRACE ADDITION. IT THEN FOLLOWS THE NORTH CANAL RIGHT-OF-WAY TO THE SOUTHWEST CORNER OF LOT 1 BLOCK 5, ORCHARD TERRACE AND THEN TURNS AND FOLLOWS THE WEST LINE OF ORCHARD TERRACE NORTH TO THE P.T. OF THE CURVE ON THE WEST LINE OF LOT 1 BLOCK 4. IT THEN CURVES NORTHWESTERLY ALONG THE WEST LINE OF BLOCK 4 TO THE NORTH END OF THE CURVE ON THE WEST LINE OF LOT 2 BLOCK 4 AT WHICH POINT IT IS 30' FROM THE CENTERLINE. IT THEN REMAINS 30 FEET FROM CENTERLINE THROUGH THE REMAINDER OF McFARLAND'S SUBDIVISION. FOR ANY OFFSET DISTANCES FROM CENTERLINE NOT SHOWN, SEE THE TABLE ON SHEET 3C.

LEGEND

- △ FOUND RAILROAD SPIKE
- FOUND MONUMENT AS NOTED
- SET 1/2" X 30" IRON REBAR WITH PLASTIC CAP MARKED "UMA. CO. RD. DEPT. ... LS 2627"
- CALCULATED POINT
- POWER POLE
- LAMP POLE
- ⊕ CSEPP POLE
- TELEPHONE PEDESTAL
- TELEPHONE MANHOLE
- FENCE
- GATE
- RIGHT-OF-WAY LINE
- CENTERLINE
- EDGE OF PAVEMENT OR GRAVEL
- UNKNOWN UTILITY
- SEWER MANHOLE
- WATER VALVE
- WATER METER
- IRRIGATION
- FIRE HYDRANT
- STREAM OR GULLY
- CANAL R/W
- GUARDRAIL
- OVERHEAD TRANSMISSION LINE
- UNDERGROUND POWERLINE
- WATER LINE
- SEWER LINE
- BURIED GAS LINE



Found 3/4" Brass Cap Set by Turner, BLM, 1975 at position of found concrete monument set by Storms for initial point for McFarland's Subdivision



Bearing Base Edwards' 1989 Umatilla County Area 1 Remonumentation Survey, CS * 91-01-B



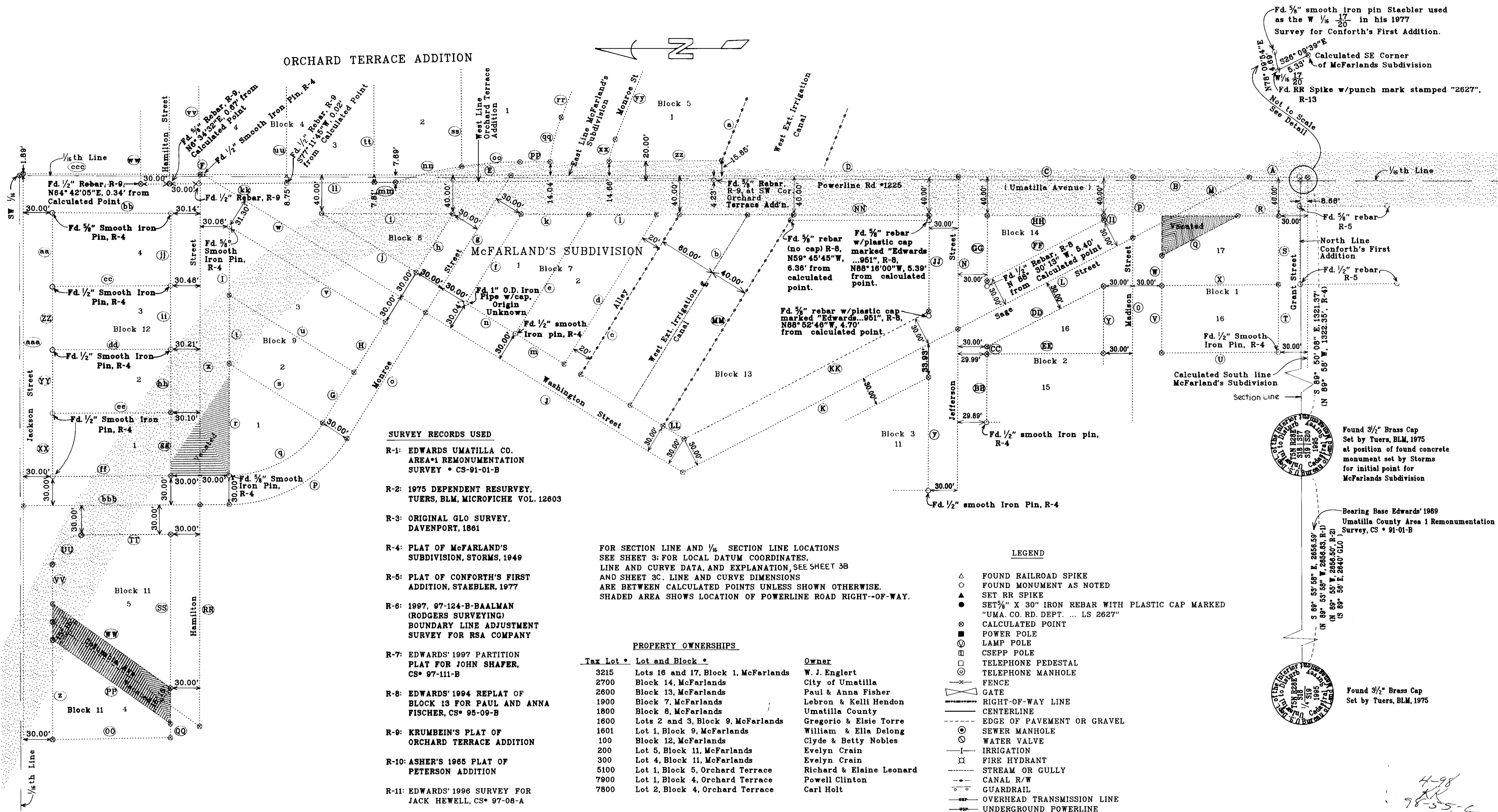
Found 3/4" Brass Cap Set by Turner, BLM, 1975

4-98
JK
98-55-C

REGISTERED PROFESSIONAL LAND SURVEYOR
JULY 28, 1993
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UMATILLA COUNTY ROAD DEPT 3920 Westgate Pendleton, Oregon 97801		
Survey for: Legalization of Powerline Road County Road • 1225		
Located: Sections 17, 18, and 20, Township 5 North Range 28 East of the Willamette Meridian		
Survey By: Gary Roberts	Drawn By: Jeanne Gorham	Checked By: Gary Roberts
Scale: 1" = 50'	Date: March, 1998	Sheet: 3

ORCHARD TERRACE ADDITION



Fd. 5/8" smooth iron pin Staebler used as the W 1/4 20' in his 1977 Survey for Conforth's First Addition.
 Calculated SE Corner of McFarland's Subdivision
 Fd. RR Spike w/punch mark stamped "2627", R-13
 Not to Scale See Detail

- SURVEY RECORDS USED**
- R-1: EDWARDS UMATILLA CO. AREA #1 REMONUMENTATION SURVEY • CS-91-01-B
 - R-2: 1975 DEPENDENT RESURVEY, TUERS, BLM, MICROFICHE VOL. 12603
 - R-3: ORIGINAL GLO SURVEY, DAVENPORT, 1861
 - R-4: PLAT OF McFARLAND'S SUBDIVISION, STORMS, 1949
 - R-5: PLAT OF CONFORTH'S FIRST ADDITION, STAEBLER, 1977
 - R-6: 1997, 97-124-B-BALMAN (RODGERS SURVEYING) BOUNDARY LINE ADJUSTMENT SURVEY FOR RSA COMPANY
 - R-7: EDWARDS' 1997 PARTITION PLAT FOR JOHN SHAFER, CS* 97-111-B
 - R-8: EDWARDS' 1994 REPLAT OF BLOCK 13 FOR PAUL AND ANNA FISCHER, CS* 95-09-B
 - R-9: KRUMBEN'S PLAT OF ORCHARD TERRACE ADDITION
 - R-10: ASHER'S 1965 PLAT OF PETERSON ADDITION
 - R-11: EDWARDS' 1996 SURVEY FOR JACK HEWELL, CS* 97-08-A
 - R-12: GIERING'S 1966 SURVEY FOR THE CITY OF UMATILLA, CS* L-79-C
 - R-13: ROBERTS, CS* 97-191-A
 - R-14: GRIFFIS & WIGHTMAN, 1983 CS* 83-201-B
 - R-15: LAGIER, 1979 CS* Q-1222-B
 - R-16: WENGLER (CH2M HILL), 1979 CS* Q-960-B

FOR SECTION LINE AND 1/8 SECTION LINE LOCATIONS SEE SHEET 3; FOR LOCAL DATUM COORDINATES, LINE AND CURVE DATA, AND EXPLANATION, SEE SHEET 3B AND SHEET 3C. LINE AND CURVE DIMENSIONS ARE BETWEEN CALCULATED POINTS UNLESS SHOWN OTHERWISE. SHADED AREA SHOWS LOCATION OF POWERLINE ROAD RIGHT-OF-WAY.

PROPERTY OWNERSHIPS

Tax Lot •	Lot and Block •	Owner
3215	Lots 16 and 17, Block 1, McFarland's	W. J. Englert
2700	Block 14, McFarland's	City of Umatilla
2600	Block 13, McFarland's	Paul & Anna Fisher
1900	Block 7, McFarland's	Lebron & Kelli Hendon
1800	Block 8, McFarland's	Umatilla County
1800	Lots 2 and 3, Block 9, McFarland's	Gregorio & Elsie Torre
1801	Lot 1, Block 9, McFarland's	William & Ella Delong
100	Block 12, McFarland's	Clyde & Betty Nobles
200	Lot 5, Block 11, McFarland's	Evelyn Crain
300	Lot 4, Block 11, McFarland's	Evelyn Crain
5100	Lot 1, Block 5, Orchard Terrace	Richard & Elaine Leonard
7900	Lot 1, Block 4, Orchard Terrace	Powell Clinton
7800	Lot 2, Block 4, Orchard Terrace	Carl Holt

- LEGEND**
- △ FOUND RAILROAD SPIKE
 - FOUND MONUMENT AS NOTED
 - ▲ SET RR SPIKE
 - SET 3/4" X 30" IRON REBAR WITH PLASTIC CAP MARKED "UMA. CO. RD. DEPT. ... LS 2627"
 - ⊙ CALCULATED POINT
 - ⊕ POWER POLE
 - ⊖ LAMP POLE
 - ⊞ CSEPP POLE
 - ⊠ TELEPHONE PEDESTAL
 - ⊡ TELEPHONE MANHOLE
 - ⊞ FENCE
 - ⊞ GATE
 - ⊞ RIGHT-OF-WAY LINE
 - ⊞ CENTERLINE
 - ⊞ EDGE OF PAVEMENT OR GRAVEL
 - ⊞ SEWER MANHOLE
 - ⊞ WATER VALVE
 - ⊞ IRRIGATION
 - ⊞ FIRE HYDRANT
 - ⊞ STREAM OR GULLY
 - ⊞ CANAL R/W
 - ⊞ GUARDRAIL
 - ⊞ OVERHEAD TRANSMISSION LINE
 - ⊞ UNDERGROUND POWERLINE
 - ⊞ WATER LINE
 - ⊞ SEWER LINE
 - ⊞ BURIED GAS LINE

Found 3/2" Brass Cap Set by Tuers, BLM, 1975 at position of found concrete monument set by Storms for initial point for McFarland's Subdivision

Bearing Base Edwards' 1989 Umatilla County Area 1 Remonumentation Survey, CS * 91-01-B

Found 3/2" Brass Cap Set by Tuers, BLM, 1975

UMATILLA COUNTY ROAD DEPT
 3920 Westgate
 Pendleton, Oregon 97801

Survey for:
 Legalization of Powerline Road
 County Road • 1225

Located:
 Sections 17, 18, and 20, Township 5 North
 Range 28 East of the Willamette Meridian

Survey By: Gary Roberts	Drawn By: Jeanne Gorham	Checked By: Gary Roberts
Scale: 1" = 50'	Date: March, 1998	Sheet: 3A

REGISTERED PROFESSIONAL LAND SURVEYOR
 Gary R. Roberts
 OREGON
 JULY 28, 1993
 GARY R. ROBERTS
 2627
 RENEWS 12-31-98

4-98
 98-55-C

Note: Distances and bearings shown in line and curve tables are between calculated points unless shown otherwise.

LINE*	BEARING	DISTANCE	RECORD BEARING	RECORD DISTANCE	SURVEY RECORD *
A	S00°09'42"W	60.05'	(S00°01'15"W)	(60.08')	R-4
B	S00°09'42"W	119.85'	(S00°01'15"W)	(119.91')	R-4
C	S00°09'42"W	179.89'	(S00°01'15"W)	(179.99')	R-4
D	S00°09'42"W	460.95'	(S00°01'15"W)	(461.20')	R-4
E	S00°09'42"W	316.52'	(S00°01'15"W)	(316.69')	R-4
F	S00°09'42"W	2.81'	(S00°01'15"W)	(2.81')	R-4
G	S58°08'05"E	61.10'	(N58°24'W)	(60.00')	R-4
H	S58°08'05"E	61.10'	(N58°24'W)	(60.00')	R-4
I	S89°54'26"E	70.51'	(N89°51'E)	(70.56')	R-4
J	S31°49'25"W	311.35'	(S31°36'W)	(313.36')	R-4
K	N27°28'19"W	319.45'	(N27°48'30"W)	(315.89')	R-4
L	N27°28'19"W	203.09'	(N27°48'30"W)	(203.52')	R-4
M	N27°28'19"W	135.31'	(N27°48'30"W)	(135.67')	R-4
N	N89°46'58"W	156.78'	(S89°58'E)	(157.10')	R-4
O	N89°46'46"W	62.69'	(S89°58'E)	(63.32')	R-4
P	N89°46'46"W	62.69'	(S89°58'E)	(63.32')	R-4
Q	N27°28'19"W	88.21'	(N27°48'30"W)	(87.28')	R-4
R	N00°09'42"E	41.81'	(S00°01'15"W)	(42.82')	R-4
S	S89°50'08"E	70.25'	(N89°58'W)	(70.25')	R-4
T	S89°50'08"E	70.00'	(N89°58'W)	(70.00')	R-4
U	S00°17'17"E	120.08'	(N0°28'W)	(120.00')	R-4
V	S89°46'46"E	69.41'	(S89°58'E)	(70.00')	R-4
W	S89°46'46"E	30.91'	(S89°58'E)	(31.17')	R-4
X	S00°34'05"E	120.02'	(N0°28'W)	(120.00')	R-4
Y	S89°46'46"E	69.41'	(S89°58'E)	(70.00')	R-4
BB	S89°42'02"E	69.88'	(S89°58'E)	(70.00')	R-4
CC	S89°42'02"E	7.65'	(S89°58'E)	(7.66')	R-4
DD	N27°28'19"W	135.35'	(N27°48'30"W)	(135.70')	R-4
EE	S00°17'17"E	119.90'	(N0°28'W)	(120.00')	R-4
FF	N27°28'19"W	135.35'	(N27°48'30"W)	(135.70')	R-4
GG	S89°46'57"E	67.22'	(S89°58'E)	(67.33')	R-4
HH	S00°09'42"W	119.89'	(S00°01'15"W)	(120.00')	R-4
II	S89°46'46"E	4.51'	(S89°58'E)	(3.94')	R-4
JJ	S89°46'58"E	96.60'	(N89°53'56"W)	(97.94')	R-8
KK	S27°28'19"E	284.24'	(S27°01'08"E)	(284.03')	R-8
LL	N31°49'35"E	25.25'	(N31°36'E)	(24.86')	R-8
MM	S58°10'35"E	254.99'	(S58°24'E)	(251.16')	R-8
NN	S00°09'42"W	139.63'	(S00°00'32"E)	(142.78')	R-8
OO	N00°55'12"W	121.21'	(N0°28'W)	(122.75')	R-4
PP	N35°25'43"E	148.82'	(N35°22'E)	(150.66')	R-4
QQ	S89°55'12"E	14.35'	(N89°51'E)	(14.35')	R-4
RR	N89°55'12"W	227.82'	(N89°51'E)	(229.06')	R-4
SS	S89°55'12"E	157.91'	(N89°51'E)	(158.85')	R-4
TT	N00°22'24"W	91.77'	(N0°28'W)	(92.33')	R-4
VV	N89°58'28"E	40.99'	(N89°54'45"E)	(40.79')	R-4
WW	N35°25'43"E	148.90'	(N35°22'E)	(150.27')	R-4
XX	N89°54'46"E	64.96'	(N89°54'45"E)	(65.00')	R-4
YY	S89°50'39"E	65.09'	(N89°54'45"E)	(65.00')	R-4
ZZ	S89°52'26"E	65.01'	(N89°54'45"E)	(65.00')	R-4
a	S87°57'39"E		(N67°55'20"W)		R-9
b	S58°10'35"E	230.32'	(N58°24'W)	(228.54')	R-8
c	S58°10'35"E	193.32'	(N58°24'W)	(189.62')	R-8
d	S58°10'35"E	180.98'	(N58°24'W)	(181.14')	R-4
e	S58°15'38"E	144.31'	(S58°24'E)	(144.25')	R-4
f	S58°08'05"E	107.60'	(S58°24'E)	(107.37')	R-4
g	N58°08'05"W	166.14'	(N58°24'W)	(165.84')	R-4
h	N58°08'05"W	70.62'	(N58°24'W)	(70.41')	R-4
i	N00°09'42"E	134.53'	(N00°01'15"E)	(134.44')	R-4
j	S31°49'25"W	114.46'	(S31°36'W)	(114.53')	R-4
k	N00°09'42"E	69.87'	(N00°01'15"E)	(70.43')	R-4
l	N00°09'42"E	69.87'	(N00°01'15"E)	(70.43')	R-4
m	N31°49'25"E	59.26'	(S31°36'W)	(60')	R-4
n	N31°51'44"E	59.76'	(S31°36'W)	(60')	R-4
o	N58°08'05"W		(N58°24'W)		R-4
r	S89°54'26"E	114.61'	(N89°51'E)	(114.69')	R-4
s	S32°18'39"W	113.61'	(N31°36'E)	(111.57')	R-4
t	S89°54'26"E	70.51'	(N89°51'E)	(70.56')	R-4
u	S31°45'36"W	150.73'	(N31°36'E)	(148.70')	R-4
v	S31°25'37"W	187.86'	(N31°36'E)	(185.83')	R-4
w	S31°49'25"W	269.29'	(S31°36'W)	(269.79')	R-4
x	N89°55'12"W	339.54'	(N89°51'E)	(339.70')	R-4
y	S89°46'58"E	116.52'	(S89°58'E)	(116.47')	R-4
z	N89°58'28"E	102.57'	(N89°54'45"E)	(102.55')	R-4
aa	N89°44'32"E	75.98'	(N89°54'45"E)	(76.07')	R-4
bb	N00°20'47"E	122.06'	(N00°01'15"E)	(122.15')	R-4
cc	N00°31'47"W	121.27'	(N0°28'W)	(122.25')	R-4
dd	N00°15'30"W	121.59'	(N0°28'W)	(122.32')	R-4
ee	N00°20'48"W	121.78'	(N0°28'W)	(122.39')	R-4
ff	N00°22'24"W	121.70'	(N0°28'W)	(122.46')	R-4
gg	N89°59'19"E	64.90'	(N89°51'E)	(65.00')	R-4
hh	N89°59'19"E	64.90'	(N89°51'E)	(65.00')	R-4
ii	N89°50'34"E	65.58'	(N89°51'E)	(65.00')	R-4
jj	S89°39'27"E	74.12'	(N89°51'E)	(75.04')	R-4
kk	S00°25'24"E	90.00'	(N00°23'05"W)	(89.93')	R-9

LOCAL DATUM
COORDINATE TABLE

POINT DESCRIPTION	CALCULATED	MONUMENT FOUND	NORTHING	EASTING
1/4 CORNER 1817 1820		X	20,000.71	18,025.85
SECTION CORNER 1817 1820		X	19,998.05	18,682.44
WEST 1/8 17 20 (RR SPIKE)		X	20,000.00	20,000.00
WEST 1/8 17 20 (STAEBLER)		X	20,000.96	20,004.59
SE CORNER McFARLANDS	X		19,992.26	20,003.80
SW COR. LOT 16 BLK. 1 McFARLANDS		X	20,022.78	19,823.64
ANGLE PT. IN EAST LINE LOT 17 BLK. 1 McFARLANDS	X		20,064.18	19,964.00
NE COR. BLK. 1 McFARLANDS	X		20,142.47	19,923.36
NW COR. LOT 16 BLK. 1 McFARLANDS	X		20,142.85	19,823.03
SE COR. BLK. 2 McFARLANDS	X		20,202.58	19,892.14
NE COR. LOT 15 BLK. 2 McFARLANDS		X	20,323.11	19,752.28
NW COR. BLK. 14 McFARLANDS	X		20,322.45	19,897.51
NE COR. BLK. 14 McFARLANDS	X		20,322.19	19,964.73
SE COR. BLK. 14 McFARLANDS	X		20,202.31	19,964.39
SW COR. BLK. 14 McFARLANDS	X		20,202.32	19,959.88
NW COR. BLK. 13 McFARLANDS	X		20,656.28	19,748.64
NE COR. BLK. 13 McFARLANDS	X		20,521.83	19,965.29
SE COR. BLK. 13 McFARLANDS	X		20,382.20	19,964.90
SW COR. BLK. 13 McFARLANDS	X		20,382.57	19,866.30
ANGLE PT. IN WEST LINE BLK. 13 McFARLANDS	X		20,634.89	19,735.32
SE CORNER BLK. 3 McFARLANDS	X		20,382.94	19,767.70
SW CORNER LOT 11 BLK. 3 McFARLANDS		X	20,383.27	19,682.04
SW CORNER BLK. 7 McFARLANDS	X		20,758.25	19,811.91
SW CORNER LOT 1 BLK. 7 McFARLANDS		X	20,808.60	19,843.16
NW CORNER BLK. 7 McFARLANDS		X	20,859.35	19,874.71
NE CORNER BLK. 7 McFARLANDS	X		20,802.55	19,966.09
SE CORNER BLK. 7 McFARLANDS	X		20,662.81	19,965.69
SW CORNER BLK. 8 McFARLANDS	X		20,910.36	19,906.31
NORTH CORNER BLK. 8 McFARLANDS	X		21,007.61	19,966.66
SE CORNER BLK. 8 McFARLANDS	X		20,873.07	19,966.29
NW CORNER BLK. 9 McFARLANDS		X	21,102.75	19,697.68
NE CORNER BLK. 9 McFARLANDS		X	21,102.33	19,953.31
SOUTH CORNER BLK. 9 McFARLANDS	X		20,942.03	19,855.35
NW CORNER BLK. 12 McFARLANDS		X	21,284.44	19,696.50
NE CORNER BLK. 12 McFARLANDS	X		21,284.56	19,967.53
SE CORNER BLK. 12 McFARLANDS	X	X	21,162.51	19,966.80
SW CORNER BLK. 12 McFARLANDS	X		21,162.75	19,697.29
SW CORNER LOT 4 BLK. 11 McFARLANDS	X		21,163.12	19,428.24
NW CORNER LOT 4 BLK. 11 McFARLANDS	X		21,284.32	19,426.30
WEST END RADIUS BLK. 11 McFARLANDS	X		21,284.40	19,606.68
SOUTH END RADIUS BLK. 11 McFARLANDS	X		21,254.60	19,636.69
SOUTHEAST CORNER BLK. 11 McFARLANDS	X		21,162.83	19,637.29
SW COR. LOT 1 BLK. 1 ORCHARD TERRACE	X		21,193.62	19,996.93
NW CORNER BLK. 4 ORCHARD TERRACE		X	21,133.62	19,997.38
NORTH END CURVE BLK. 4 ORCHARD TERRACE	X		20,931.80	19,998.87
SOUTH END CURVE BLK. 4 ORCHARD TERRACE	X		20,803.77	20,019.81
SW CORNER BLK. 4 ORCHARD TERRACE	X		20,772.63	20,020.04
NW CORNER BLK. 5 ORCHARD TERRACE	X		20,712.01	20,020.49
SW CORNER BLK. 5 ORCHARD TERRACE	X		20,595.60	20,021.35
SW CORNER ORCHARD TERRACE		X	20,603.72	20,001.29
SAGE ST. & E. LINE McFARLAND INTERSECTION	X		20,052.31	20,003.97
JEFFERSON ST. & E. LINE McFARLAND INTERSECTION	X		20,352.04	20,004.82
MONROE ST. & E. LINE McFARLAND INTERSECTION	X		20,812.99	20,006.12
WASHINGTON ST. & E. LINE McFARLAND INTERSECTION	X	X	21,129.51	20,007.01
HAMILTON ST. & E. LINE McFARLAND INTERSECTION	X		21,132.32	20,007.02
NORTHEAST CORNER McFARLANDS SUBDIVISION	X		21,314.58	20,007.53
MONROE ST. & NORTH LINE McFARLANDS	X		21,314.43	19,666.30
HAMILTON ST. & MONROE ST. & INTERSECTION	X		21,132.79	19,667.48
WASHINGTON ST. & MONROE ST. & INTERSECTION	X		20,900.70	19,865.01
WASHINGTON ST. & SAGE ST. & INTERSECTION	X		20,636.15	19,700.83
SAGE ST. & JEFFERSON ST. & INTERSECTION	X		20,352.64	19,848.04
SAGE ST. & MADISON ST. & INTERSECTION	X		20,172.39	19,941.62
HAMILTON ST. & (ORCHARD TERRACE) INTERSECT WITH/WEST LINE ORCHARD TERRACE	X		21,163.62	19,997.16

LINE TABLE CONT.

LINE*	BEARING	DISTANCE	RECORD BEARING	RECORD DISTANCE	SURVEY RECORD *
ll	S00°25'24"E	90.00'	(N00°23'05"W)	(89.93')	R-9
mm	S00°25'24"E	21.83'	(N00°23'05"W)	(21.81')	R-9
pp	N00°25'24"W	31.15'	(N00°23'05"W)	(31.12')	R-9
rr	S87°57'39"E		(N67°55'20"W)		R-9
ss	N89°37'21"E		(N89°39'40"E)		R-9
tt	N89°43'11"E		(N89°45'30"E)		R-9
uu	N89°49'01"E		(N89°51'20"E)		R-9
vv	N89°55'01"E		(N89°57'20"E)		R-9
ww	N89°55'01"E		(N89°57'20"E)		R-9
yy	S87°57'39"E		(S87°55'20"E)		R-9
zz	N00°25'24"W	116.41'	(N00°23'05"W)	(116.33')	R-9
aaa	N89°58'28"E	341.24'	(N89°54'45"E)	(341.22')	R-4
bbb	N00°22'24"W	181.84'	(N0°28'W)	(182.49')	R-4
ccc	N00°09'42"E	182.28'	(N0°01'15"E)	(182.11')	R-4

CURVE TABLE

CURVE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	RADIUS	Δ	SURVEY RECORD *
q	115.08' (120.92')	110.27'	S29°15'15"E	114.15'	57°45'43" (57°56")	R-4
p	145.54'	139.45'	S29°15'15"E	144.36' (149.6')	57°45'41" (57°56")	R-4
nn	70.06' (70.00')	69.98' (69.92')	S13°23'17"E (N13°21'45"W)	420.76' (420.00')	9°32'28"	R-9
oo	60.19' (60.13')	60.13' (60.08')	S04°31'19"E (N04°29'10"W)	420.76' (420.00')	8°11'44"	R-9
qq	47.07' (47.07')	46.92' (46.92')	S75°53'39"E (N75°51'20"W)	170.00' (170.00')	15°51'51"	R-9
xx	23.45' (23.49')	23.41' (23.45')	S74°04'05"E (N75°02'25"W)	110.00' (110.00')	12°12'52"	R-9
uu	46.94' (47.66')	42.30'	N45°11'58"W	30.00' (30.00')	89°39'08" (89°37'15")	R-4

GENERAL NOTES

- NEITHER THE EAST LINE OF McFARLAND'S SUBDIVISION NOR THE WEST LINE OF ORCHARD TERRACE ADDITION MATCH THE 1/8TH LINE USED IN THIS SURVEY (SEE SHEET 1, 3, 3A). ORCHARD TERRACE ADDITION OVERLAPS McFARLAND'S SUBDIVISION BY THE DISTANCES SHOWN ON SHEET 3A.
- THE RIGHT-OF-WAY LINES OF THE WEST EXTENSION IRRIGATION CANAL SHOWN IN McFARLAND'S SUBDIVISION DO NOT LINE UP WITH THOSE SHOWN IN ORCHARD TERRACE ADDITION AND McFARLAND'S SUBDIVISION PLAT SHOWS A CURVE IN THE CANAL NEAR THE EAST SIDE OF THE SUBDIVISION, THOUGH NEITHER THE ORCHARD TERRACE PLAT OR EDWARDS' REPLAT OF BLOCK 13 SHOW A CURVE. THE CONCRETE CANAL ITSELF FITS INSIDE BOTH RIGHTS-OF-WAY WELL.
- STAEBLER USED A 3/8" SMOOTH IRON PIN THAT IS 1" BELOW THE PAVEMENT IN POWERLINE ROAD FOR THE W 1/8TH CORNER COMMON TO SECTIONS 17 AND 20 AND THE BLM BRASS CAP AT THE NORTHWEST CORNER OF SECTION 20 FOR THE NORTH LINE OF CONFORTH'S FIRST ADDITION. BY USING THE 3/8" PIN, CONFORTH'S ADDITION OVERLAPS McFARLAND'S SUBDIVISION (GRANT STREET) BY APPROXIMATELY 9 FEET ON THE EAST SIDE. I BELIEVE THE 3/8" PIN IS SUSPECT AND MAY HAVE BEEN MOVED BY ROAD CONSTRUCTION PRIOR TO STAEBLER'S SURVEY. THE PIN SEEMS TO BE VERY LOOSE IF TAPPED LIGHTLY WITH A SMALL HAMMER AND DOESN'T FIT THE SECTION LINE LOCATION BASED ON OTHER MONUMENTS FOUND IN THE 1949 McFARLAND'S SUBDIVISION.

ORCHARD TERRACE NOTES

- THE WEST LINE OF ORCHARD TERRACE ADDITION SHOWN ON LOTS 2, 3, AND 4, BLOCK 4 IS A LINE FROM THE 3/8" REBAR FOUND AT THE SW CORNER OF THE SUBDIVISION THROUGH A 1/2" REBAR MARKING THE NW CORNER OF LOT 4 BLOCK 4.
- THE SW CORNER OF LOT 1 BLOCK 5 WAS CALCULATED USING PLAT DISTANCE FROM THE SW CORNER OF THE SUBDIVISION AND PLAT BEARING ROTATED TO MY BEARING BASE.
- THE NW CORNER OF LOT 1 BLOCK

McFARLAND'S SUBDIVISION NOTES

THE DIMENSIONS AND LOT AND BLOCK CORNER LOCATIONS ON THE PORTION OF McFARLAND'S SUBDIVISION SHOWN ON SHEET 3A WERE ESTABLISHED AS FOLLOWS:

- ① THE SOUTHWEST CORNER OF THE SUBDIVISION WAS CALCULATED BY INTERSECTING A LINE FROM THE SOUTHWEST CORNER OF SECTION 17 THROUGH A POINT 30 FEET SOUTH OF THE PIN FOUND AT THE SOUTHWEST CORNER OF LOT 16 BLOCK 1 WITH A LINE FROM THE PIN FOUND AT THE INTERSECTION OF THE CENTERLINE OF WASHINGTON STREET AND THE EAST LINE OF THE SUBDIVISION THROUGH A POINT 180.25' (PLAT DISTANCE) EAST OF THE PIN FOUND AT THE SOUTHWEST CORNER OF LOT 16 BLOCK 1.
- ② STREET CENTERLINE INTERSECTIONS WITH THE EAST LINE OF McFARLAND'S WERE CALCULATED USING A PROPORTION OF 1137.25 FEET CALCULATED/1137.87 FEET PLAT DISTANCE FROM THE SOUTHWEST CORNER OF THE SUBDIVISION CALCULATED IN ① TO THE INTERSECTION OF THE CENTERLINE OF WASHINGTON STREET AND THE EAST LINE OF THE SUBDIVISION.
- ③ THE BEARING OF THE CENTERLINE OF HAMILTON STREET IS BASED ON A LINE FROM A POINT 2.81' (PLAT) NORTH OF THE MONUMENT FOUND AT THE INTERSECTION OF THE CENTERLINE OF WASHINGTON STREET AND THE EAST LINE OF THE SUBDIVISION THROUGH A POINT 30' NORTH OF THE MONUMENT FOUND AT THE WEST CORNER OF BLOCK 9.
- ④ THE BEARING OF THE CENTERLINE OF WASHINGTON STREET IS BASED ON A LINE FROM THE MONUMENT FOUND AT ITS INTERSECTION WITH THE EAST LINE OF THE SUBDIVISION THROUGH A POINT 30' NORTHWEST OF THE MONUMENT FOUND AT THE SOUTHWEST CORNER OF LOT 1 BLOCK 7.
- ⑤ THE BEARING OF THE CENTERLINE OF THE NW-SE PORTION OF MONROE STREET IS BASED ON A LINE FROM THE POINT CALCULATED IN ② THROUGH A POINT 30' NORTHEAST OF THE MONUMENT FOUND AT THE NORTHWEST CORNER OF BLOCK 7.
- ⑥ THE BEARING OF THE CENTERLINE OF JEFFERSON STREET IS BASED ON A LINE FROM THE POINT CALCULATED IN ② THROUGH A POINT 30' SOUTH OF THE MONUMENT FOUND AT THE SOUTHWEST CORNER OF LOT 11, BLOCK 3.
- ⑦ THE BEARING OF THE CENTERLINE OF MADISON STREET IS BASED ON A LINE FROM THE POINT CALCULATED IN ② THROUGH A POINT 150' (PLAT) SOUTH OF THE MONUMENT FOUND AT THE NORTHWEST CORNER OF LOT 15, BLOCK 2.
- ⑧ THE BEARING OF THE CENTERLINE OF SAGE STREET IS BASED ON A LINE FROM THE POINT CALCULATED IN ② THROUGH A POINT 150.40 FEET (PLAT) EAST OF THE MONUMENT FOUND AT THE SOUTHWEST CORNER OF LOT 11 BLOCK 3.
- ⑨ THE NORTH LINE OF THE SUBDIVISION SHOWN IS 30' NORTH OF AND PARALLEL TO THE LINE BETWEEN THE MONUMENTS FOUND AT THE NORTHWEST CORNER AND THE NORTHEAST CORNER OF BLOCK 12.
- ⑩ THE CENTRAL ANGLE OF THE RADIUS AT THE NORTHEAST CORNER OF LOT 5 BLOCK 11 IS THE DIFFERENCE IN THE STREET BEARINGS; RADIUS PLAT DISTANCE OF 30' WAS HELD. THE PLAT DISTANCE FROM THE MONROE STREET & INTERSECTION WITH THE NORTH LINE OF McFARLAND'S TO THE COLUMBIA AVE. & INTERSECTION WITH THE NORTH LINE OF McFARLAND'S WAS HELD AS WAS THE INTERIOR ANGLE FROM THE PLAT BETWEEN THE NORTH LINE OF McFARLAND'S AND THE & OF COLUMBIA AVENUE. THE NORTHEAST CORNER OF LOT 4 BLOCK 11 IS SHOWN AT PLAT DISTANCE FROM THE & OF COLUMBIA AVE. THE SOUTHWEST CORNER OF LOT 4 IS SHOWN AT PLAT DISTANCE FROM THE COLUMBIA AVENUE WESTERLY R/W LINE.
- ⑪ MONUMENTS ON ALL LOT CORNERS IN BLOCK 12 WERE FOUND, WITH THE EXCEPTION OF THE SOUTHWEST CORNERS OF LOTS 1 AND 2. THE SOUTHWEST CORNER OF LOT 1 IS SHOWN AT THE CALCULATED STREET R/W LINE INTERSECTION AND THE SOUTHWEST CORNER OF LOT 2 IS SHOWN AT A PROPORTIONATE DISTANCE BETWEEN THAT POINT AND THE MONUMENT FOUND AT THE SOUTHWEST CORNER OF LOT 3.
- ⑫ THE BEARING OF THE NORTH-SOUTH PORTION OF MONROE STREET IS BASED ON A LINE FROM A POINT 30' WEST OF THE MONUMENT FOUND AT THE NORTHWEST CORNER OF BLOCK 12 THROUGH A POINT 30' WEST OF THE MONUMENT FOUND AT THE WEST CORNER OF BLOCK 9.
- ⑬ THE SOUTHWEST CORNER OF BLOCK 9 IS SHOWN AT THE INTERSECTION OF THE NORTHERLY R/W LINE OF MONROE STREET AND THE WESTERLY R/W LINE OF WASHINGTON STREET. THE PI FOR THE CURVE IN LOT 1 BLOCK 9 IS AT THE INTERSECTION OF AN EXTENSION OF THE NORTHERLY R/W LINE OF THE NW-SE PORTION OF MONROE STREET AND THE EASTERLY R/W LINE OF THE N-S PORTION OF MONROE STREET. TANGENT LENGTH USED WAS FROM THE PI THUS ESTABLISHED TO THE SOUTHERLY R/W LINE OF HAMILTON STREET AND THE PC AND PT OF THE CURVE WERE ESTABLISHED. THE SOUTHWEST CORNER OF LOT 2 WAS THEN PROPORTIONED BETWEEN THE PT AND THE SOUTHWEST CORNER OF BLOCK 3. THE LENGTHS OF THE NORTH LINES OF THE LOTS IN BLOCK 9 WERE PROPORTIONED BETWEEN THE TWO MONUMENTS FOUND AT THE BLOCK CORNERS.
- ⑭ THE LOCATION OF BLOCK 8 IS FIXED BY STREET R/W LINES.
- ⑮ THE SOUTHWEST CORNER OF BLOCK 7 WAS ESTABLISHED BY PROPORTION BETWEEN THE & INTERSECTIONS OF SAGE ST. / WASHINGTON ST. AND MONROE ST. / WASHINGTON ST. AND OFFSETTING 30' AT 90°. THE SOUTHWEST CORNER OF BLOCK 7 WAS ESTABLISHED BY INTERSECTING THE WEST LINE OF UMATILLA AVENUE WITH A LINE FROM THE SOUTHWEST CORNER OF BLOCK 7 ON A BEARING 90° TO WASHINGTON STREET. THE NORTHEAST CORNER OF BLOCK 7 WAS ESTABLISHED BY INTERSECTING THE WEST LINE OF UMATILLA AVENUE WITH THE SOUTH LINE OF MONROE STREET. THE SOUTHWEST CORNER OF LOT 1 WAS ESTABLISHED BY SINGLE PROPORTION BETWEEN THE BLOCK CORNERS.
- ⑯ THE SOUTH LINE OF THE WEST EXTENSION IRRIGATION CANAL (NORTH LINE OF BLOCK 13, REPLATTED) IS SHOWN 120.00' (PLAT) SOUTH OF AND PARALLEL TO THE SOUTH LINE OF BLOCK 7. THE REMAINING LINES OF BLOCK 13 ARE THE RIGHT-OF-WAY LINES OF THE STREETS. I DID NOT USE EDWARDS' MONUMENTS (R-8), NOT NECESSARILY BECAUSE I DISAGREE WITH THEIR LOCATION, BUT BECAUSE THE CALCULATED POINTS SHOWN MATCH OTHER FOUND MONUMENTS BETTER AND USING HIS MONUMENTS WOULD PUT A LARGE ANGLE POINT IN UMATILLA AVENUE.

- ⑰ THE LOCATION OF BLOCK 14 IS FIXED BY STREET R/W LINES. AGAIN, I DID NOT USE EDWARDS' MONUMENT NEAR THE NW CORNER (R-8) HE SET OVER A FOUND PIN.
- ⑱ THE NORTHEAST CORNER OF BLOCK 2 IS AT THE INTERSECTION OF JEFFERSON STREET AND SAGE STREET R/W LINES. THE DISTANCES ACROSS THE NORTH LINES OF LOTS 15 AND 16 WERE PROPORTIONED BETWEEN THE MONUMENT FOUND AT THE NORTHWEST CORNER OF LOT 15 AND THE NORTHEAST CORNER OF THE BLOCK. THE SOUTHWEST CORNER OF LOT 16 BLOCK 2 IS SHOWN AT THE INTERSECTION OF THE NORTHERLY R/W LINE OF MADISON STREET AND A LINE FROM THE NORTHEAST CORNER OF LOT 16 BLOCK 2 TO THE MONUMENT FOUND AT THE SOUTHWEST CORNER OF LOT 16 BLOCK 1.
- ⑲ THE NORTHWEST CORNER OF LOT 16 BLOCK 1 WAS ESTABLISHED BY INTERSECTING A LINE FROM THE NORTHWEST CORNER OF LOT 16 BLOCK 2 TO THE MONUMENT FOUND AT THE SOUTHWEST CORNER OF LOT 16 BLOCK 1 WITH THE SOUTH LINE OF MADISON STREET. THE SOUTH LINES OF LOTS 16 AND 17, BLOCK 1 ARE AS SHOWN ON THE PLAT. THE NORTHEAST CORNER OF BLOCK 1 IS SHOWN AT THE INTERSECTION OF THE WESTERLY LINE OF SAGE STREET AND THE SOUTH LINE OF MADISON STREET. THE ANGLE POINT ON THE EAST SIDE OF LOT 17 BLOCK 1 IS SHOWN AT THE INTERSECTION OF THE WESTERLY LINE OF SAGE STREET AND THE WEST LINE OF UMATILLA AVENUE. DISTANCES ALONG THE NORTH LINES OF LOTS 16 AND 17 WERE PROPORTIONED BETWEEN CALCULATED BLOCK CORNERS.

CURVE #	Δ	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C50	2° 52' 26"	1162.88'	58.32'	58.31'	S68° 18' 30"E
C51	5° 25' 34"	1162.88'	110.11'	110.07'	S62° 07' 30"E
C52	1° 44' 24"	1162.88'	35.31'	35.31'	S68° 32' 32"E
C53	1° 40' 58"	1162.88'	34.15'	34.15'	S68° 49' 54"E
C54	3° 21' 09"	146.85'	8.58'	8.58'	S54° 18' 20"E
C55	8° 57' 12"	146.85'	22.92'	22.89'	S48° 09' 44"E
C56	4° 45' 59"	349.07'	29.04'	29.03'	S41° 17' 57"E
C57	5° 29' 15"	349.07'	33.43'	33.42'	S38° 49' 54"E
C58	5° 39' 17"	349.07'	33.84'	33.83'	S30° 39' 04"E
C59	9° 42' 53"	486.37'	82.46'	82.37'	S23° 01' 00"E
C60	9° 32' 27"	420.75'	70.06'	69.98'	S13° 23' 21"E
C61	8° 11' 44"	420.75'	60.13'	60.13'	S4° 31' 18"E
C62	0° 21' 25"	1790.79'	11.16'	11.16'	S67° 31' 52"E
C63	7° 28' 40"	1132.88'	147.17'	147.07'	S63° 59' 24"E
C64	1° 48' 13"	1132.88'	35.00'	35.00'	S59° 22' 55"E
C65	1° 48' 18"	1132.88'	35.68'	35.68'	S57° 35' 40"E
C66	0° 42' 11"	1132.88'	13.90'	13.90'	S64° 20' 31"E
C67	8° 05' 47"	116.85'	16.48'	16.47'	S51° 56' 14"E
C68	4° 12' 25"	116.85'	8.57'	8.58'	S45° 47' 24"E
C69	8° 42' 10"	319.07'	37.33'	37.30'	S40° 19' 53"E
C70	6° 03' 38"	319.07'	33.75'	33.73'	S33° 57' 00"E
C71	3° 02' 44"	319.07'	16.96'	16.96'	S29° 23' 52"E
C72	2° 13' 37"	456.37'	17.74'	17.74'	S28° 45' 31"E
C73	7° 29' 15"	456.37'	59.84'	59.80'	S21° 54' 11"E
C74	14° 00' 28"	415.51'	101.59'	101.33'	S11° 09' 20"E
C75	4° 18' 47"	415.51'	31.28'	31.27'	S01° 59' 45"E
C76	8° 07' 51"	280.93'	37.00'	36.97'	S03° 54' 02"E
C77	9° 14' 14"	280.93'	42.07'	42.02'	S12° 34' 55"E
C78	4° 47' 40"	428.37'	35.68'	35.67'	S25° 28' 03"E
C79	0° 02' 34"	428.37'	0.32'	0.32'	S27° 58' 05"E
C80	9° 43' 58"	289.07'	33.97'	33.95'	S31° 14' 22"E
C81	9° 04' 34"	289.07'	45.79'	45.74'	S39° 08' 42"E
C82	12° 18' 19"	86.65'	16.61'	16.57'	S49° 50' 08"E
C83	1° 32' 01"	1102.88'	29.51'	29.51'	S68° 45' 27"E
C84	1° 50' 13"	1102.88'	35.35'	35.35'	S58° 28' 27"E
C85	8° 21' 09"	1102.88'	180.75'	180.61'	S63° 32' 09"E
C86	0° 10' 01"	1820.79'	5.31'	5.31'	S67° 37' 31"E
C87	2° 21' 10"	1820.79'	74.77'	74.76'	S66° 22' 08"E

LINE #	BEARING	DISTANCE
L50	N55° 59' 21"W	112.84'
L51	N55° 59' 21"W	44.91'
L52	N43° 40' 59"W	20.49'
L53	N43° 40' 59"W	23.41'
L54	N00° 25' 24"W	31.14'
L55	N00° 25' 24"W	30.31'
L56	N00° 25' 24"W	30.31'
L57	S87° 57' 39"E	6.30'
L58	N28° 28' 48"W	36.08'
L59	N28° 28' 48"W	24.95'
L60	S89° 31' 43"W	10.48'
L61	N00° 09' 42"E	21.45'
L62	N00° 09' 42"E	30.00'
L63	N00° 09' 42"E	30.00'
L64	N00° 09' 42"E	30.00'
L65	N00° 09' 42"E	30.00'
L66	N00° 09' 42"E	23.50'
L67	N58° 08' 05"W	56.64'
L68	N31° 49' 25"E	43.20'
L69	N43° 40' 59"W	43.90'
L70	N43° 40' 59"W	43.90'
L71	N55° 59' 21"W	35.84'
L72	N55° 59' 21"W	26.45'
L73	N55° 59' 21"W	53.81'
L74	N55° 59' 21"W	107.54'
L75	N55° 59' 21"W	68.40'
L76	N55° 59' 21"W	17.28'
L77	N55° 59' 21"W	6.57'

POINT #	STATION	OFFSET	NORTHING	EASTING
1	93+65.99 P.I. (W 1/4 - 17 - 20)	0.00'	20,000.00	20,000.00
46			20,022.38	19,963.89
79	84+28.87 P.O.C.	64.54' RT.	20,910.35	19,906.31
84	87+00.84 P.O.T.	25.00' RT.	20,862.81	19,955.69
85	85+00.82 P.O.C.	24.88' RT.	20,802.55	19,968.09
93	87+24.14 P.O.T.	25.00' RT.	20,639.32	19,965.62
95	88+41.62 P.O.T.	25.00' RT.	20,521.83	19,985.29
100	89+81.26 P.O.T.	25.00' RT.	20,382.19	19,964.90
103	90+41.26 P.O.T.	25.00' RT.	20,322.19	19,964.73
105	91+61.15 P.O.T.	25.00' RT.	20,202.31	19,964.39
138	87+87.70 P.O.T.	30.85' LT.	20,595.60	20,021.35
139	88+51.29 P.O.T.	29.68' LT.	20,712.01	20,020.49
142	84+38.74 P.C.C.	30.00' LT.	20,931.80	19,998.87
150	85+90.87 P.O.T.	29.04' LT.	20,772.63	20,020.04
151	85+60.31 P.O.C.	28.89' LT.	20,803.77	20,018.81
155	85+04.10 P.O.C.	29.88' LT.	20,853.72	20,015.07
299	93+65.99 P.T.	30.82' LT.	20,007.04	20,030.00
300	93+23.97 P.O.T.	25.00' LT.	20,039.35	20,013.83
302	93+41.04 P.I.	0.00'	20,022.34	19,988.69
303	93+49.07 P.O.T.	31.98' RT.	20,000.91	19,963.83
304	87+85.35 P.O.T.	25.00' LT.	20,597.96	20,015.51
305	84+38.74 P.C.C.	0.00'	20,922.45	19,970.36
307	77+38.01 P.C.C.	30.00' RT.	21,314.32	19,419.80
308	78+09.55 P.O.C.	30.00' RT.	21,284.35	19,488.29
310	85+71.80 P.T.	0.00'	20,791.78	19,991.06
321	90+11.28 P.O.T.	25.00' RT.	20,352.19	19,964.82
322	91+91.15 P.O.T.	25.00' RT.	20,172.31	19,964.31
331	82+73.33 P.C.C.	30.00' RT.	21,044.06	19,867.14
307	82+21.15 P.O.T.	25.00' RT.	20,142.31	19,964.23
608	86+20.98 P.O.T.	29.35' RT.	20,742.32	20,020.27
609	78+14.77 P.R.C.	30.00' RT.	21,282.33	19,493.20
610	82+04.37 P.C.	30.00' RT.	21,087.79	19,822.62
611	82+73.33 P.C.	0.00'	21,064.78	19,868.84
614	83+81.36 P.C.C.	30.00' LT.	21,007.81	19,968.66
747	78+03.81 P.O.C.	0.00'	21,314.35	19,494.27
748	82+73.33 P.C.C.	30.00' LT.	21,086.50	19,910.53
749	83+61.36 P.C.C.	0.00'	20,993.58	19,940.14
750	83+61.36 P.C.C.	30.00' RT.	20,879.55	19,935.62
752	83+99.89 P.O.C.	30.00' RT.	20,847.06	19,929.06
753	82+59.42 P.T.	30.00' RT.	21,075.81	19,836.82
755	82+04.37 P.C.	0.00'	21,112.65	19,838.41
756	82+04.37 P.C.	30.00' LT.	21,137.52	19,856.19
757	82+29.42 P.T.	0.00'	21,096.53	19,858.51
758	82+29.42 P.T.	30.00' LT.	21,117.25	19,880.21
759	80+46.52 P.T.	0.00'	21,200.95	19,708.58
760	80+46.52 P.T.	30.00' RT.	21,176.08	19,691.78
761	80+46.52 P.T.	30.00' LT.	21,225.81	19,725.34
764	78+14.77 P.R.C.	0.00'	21,310.09	19,504.58
765	78+14.77 P.R.C.	30.00' LT.	21,337.85	19,515.96
778	78+71.58 P.O.C.	30.00' LT.	21,314.39	19,636.94
774	78+78.85 P.O.C.	30.00' LT.	21,282.92	19,666.84
775	80+18.25 P.O.C.	30.00' LT.	21,244.50	19,696.78
776	81+59.46 P.O.T.	30.00' LT.	21,162.64	19,618.96
777	82+11.19 P.O.C.	30.00' LT.	21,132.52	19,663.15
778	82+49.91 P.O.T.	30.00' LT.	21,102.43	19,694.36
779	82+99.87 P.O.C.	30.00' LT.	21,063.69	19,629.69
780	83+30.43 P.O.C.	30.00' LT.	21,038.71	19,649.42
781	91+81.17 P.O.T.	0.00'	20,172.21	19,989.31
782	84+78.12 P.O.C.	26.87' RT.	20,880.45	19,954.42
783	79+81.94 P.O.C.	0.00'	21,245.50	19,636.75
784	79+79.89 P.O.C.	30.00' RT.	21,210.78	19,636.97
785	79+98.94 P.O.C.	0.00'	21,227.77	19,666.86
786	80+16.20 P.O.C.	30.00' RT.	21,192.28	19,667.10
787	80+32.62 P.O.C.	0.00'	21,208.65	19,696.90
788	80+53.09 P.O.T.	30.00' RT.	21,172.40	19,697.23
789	80+70.37 P.O.T.	30.00' RT.	21,162.74	19,711.55
790	81+14.92 P.O.T.	0.00'	21,162.69	19,765.28
791	81+88.72 P.O.T.	0.00'	21,132.59	19,809.86
792	81+77.92 P.O.T.	30.00' RT.	21,102.58	19,800.70
793	82+20.86 P.O.C.	0.00'	21,102.50	19,852.38
794	83+10.85 P.O.C.	0.00'	21,058.34	19,812.88
795	83+23.87 P.O.C.	30.00' RT.	21,008.58	19,808.02
796	83+81.70 P.O.C.	30.00' RT.	20,979.27	19,813.77
797	83+44.40 P.O.C.	0.00'	21,008.35	19,831.82
798	83+79.10 P.O.C.	0.00'	20,977.74	19,848.13
799	85+20.89 P.O.C.	24.71' RT.	20,839.44	19,863.57
800	85+40.33 P.O.C.	0.00'	20,829.03	19,889.97
801	90+11.28 P.O.T.	0.00'	20,352.10	19,989.82

REGISTERED PROFESSIONAL LAND SURVEYOR
Gary R. Roberts
 OREGON
 JULY 28, 1993
 GARY R. ROBERTS
 2627
 RENEWS 12-31-98

UMATILLA COUNTY ROAD DEPT
 3928 Westgate
 Pendleton, Oregon 97801

Survey for:
 Legalization of Powerline Road
 County Road # 1225

Located:
 Sections 17, 18, and 28, Township 5 North
 Range 28 East of the Willamette Meridian

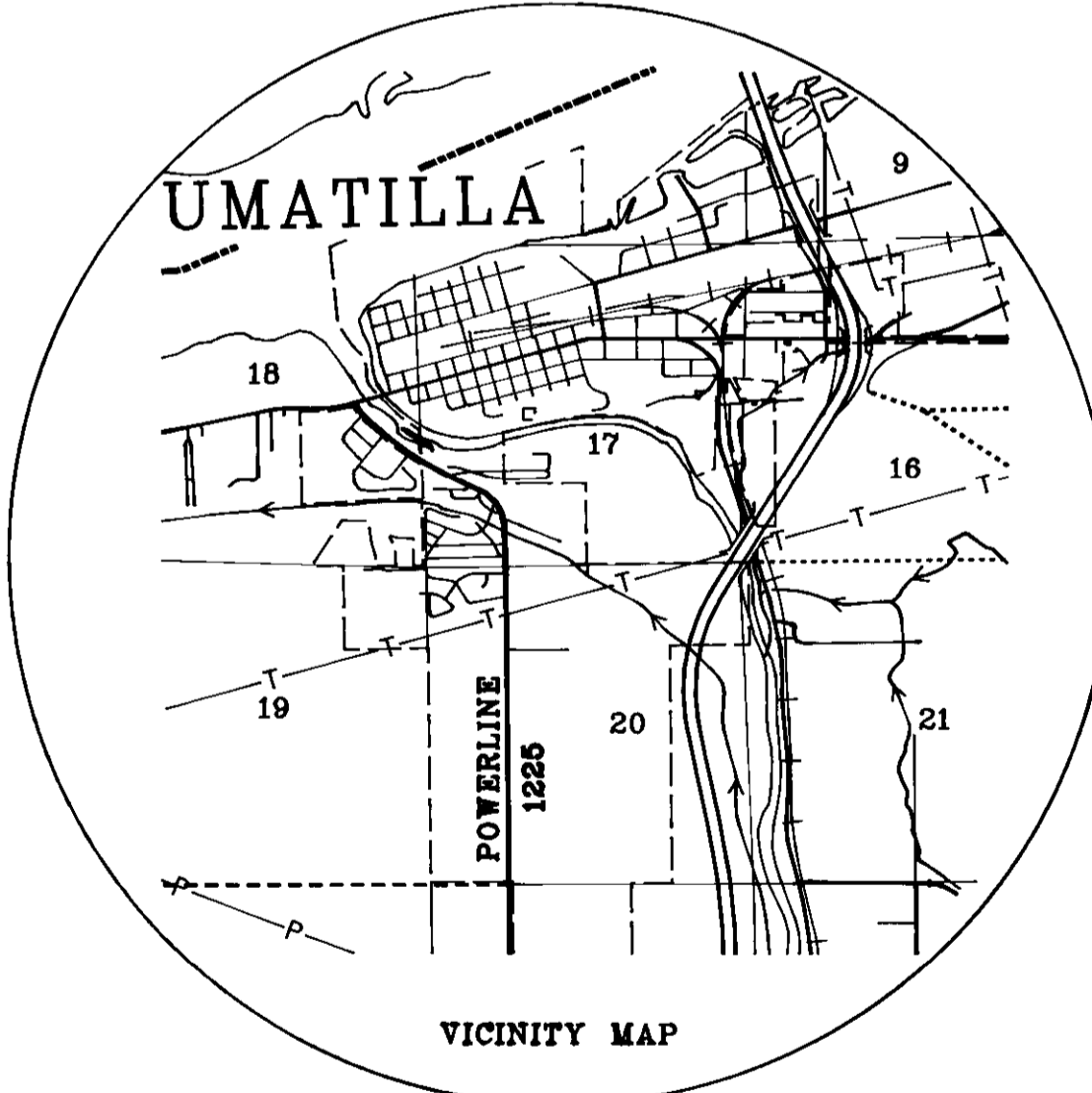
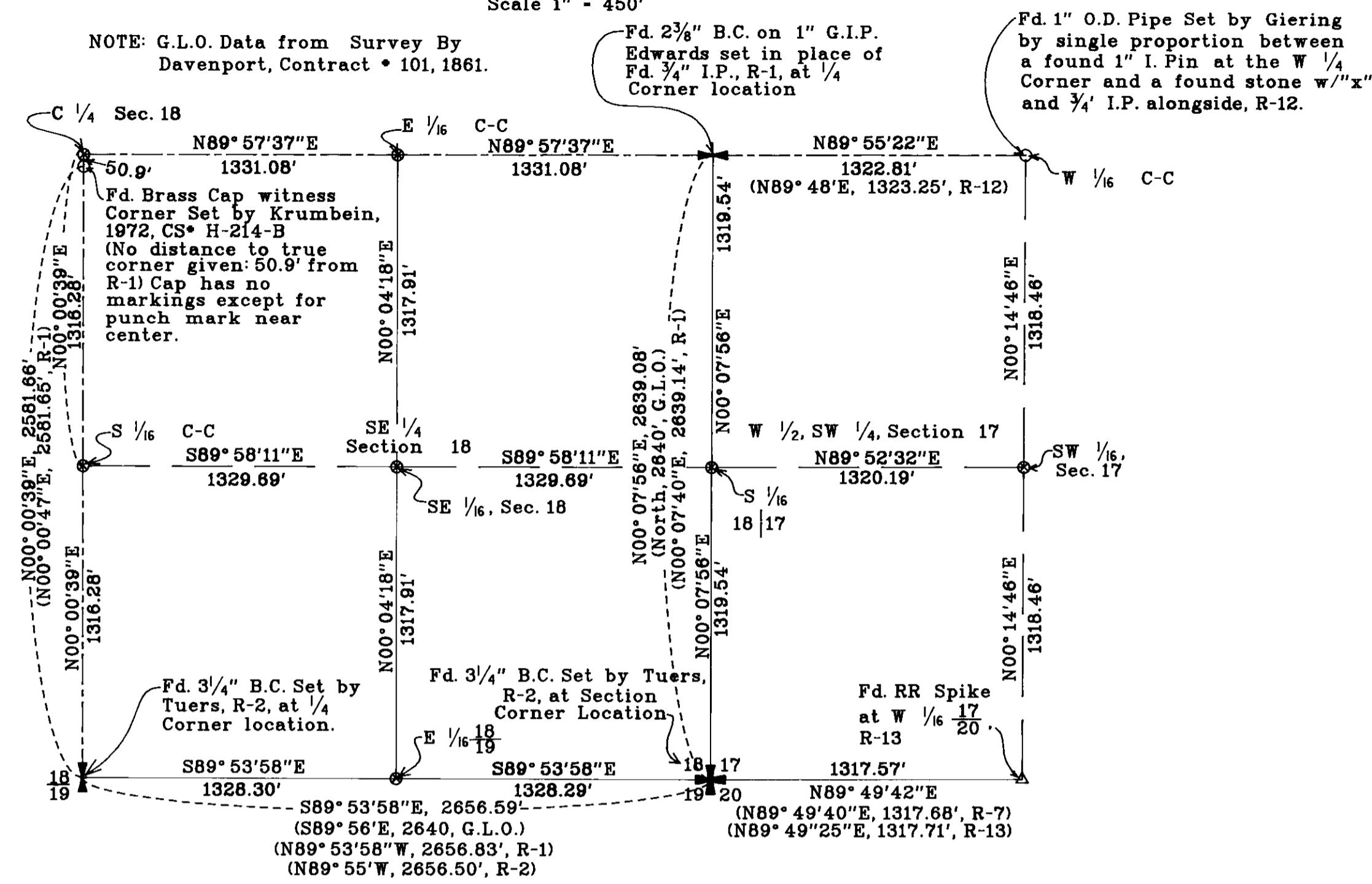
Survey By: Gary Roberts	Drawn By: Jeanne Gorham	Checked By: Gary Roberts
Date: March, 1998	Sheets: 3C	

4-98
 AK
 98-55-C

SECTION BREAKDOWN

Scale 1" = 450'

NOTE: G.L.O. Data from Survey By Davenport, Contract # 101, 1861.



NARRATIVE OF SURVEY

THE PURPOSE OF THIS SURVEY WAS TO ESTABLISH THE LOCATION OF AND MONUMENT A PORTION OF COUNTY ROAD NO. 1225, POWERLINE ROAD, FOR LEGALIZATION PURPOSES.

THE INITIAL STEP WAS TO DETERMINE THE LOCATIONS OF THE BOUNDARY LINES OF PETERSON'S ADDITION, McFARLAND'S SUBDIVISION, ORCHARD TERRACE ADDITION AND CONFORTH'S FIRST ADDITION. THE RESULTS WERE: ORCHARD TERRACE ADDITION OVERLAPS McFARLAND'S SUBDIVISION BY APPROXIMATELY 4 FEET NEAR THE WEST EXTENSION IRRIGATION DISTRICT CANAL AND BY OVER 9 FEET NEAR HAMILTON STREET, AND THE OVERLAP IS IN UMATILLA AVENUE; CONFORTH'S FIRST ADDITION OVERLAPS McFARLAND'S SUBDIVISION ON THE EAST BY APPROXIMATELY 9 FEET, AND THE OVERLAP IS IN GRANT STREET; CONFORTH'S FIRST ADDITION OVERLAPS COUNTY ROAD RIGHT-OF-WAY BY 3-4 FEET, AS DETERMINED BY RECENT ESTABLISHMENT OF THE 1/16TH LINE BY SEVERAL SURVEYS; NEITHER THE EAST LINE OF McFARLAND'S SUBDIVISION NOR THE WEST LINE OF ORCHARD TERRACE ADDITION ARE COINCIDENT WITH THE 1/16TH LINE USED ON THIS SURVEY; McFARLAND'S SUBDIVISION WAS PLATTED OVER THE TOP OF THE DEDICATED COUNTY ROAD (ORIGINALLY ROAD # 754, DEDICATED 1913).

EVERY EFFORT WAS MADE TO AVOID DISRUPTING OWNERSHIP LINES. MONUMENTS FOUND ALONG PETERSON ADDITION WERE USED EXCLUSIVELY IN DETERMINING R/W LOCATION ON THE NORTH END. THE EXISTING TRAVELED ROAD AND OTHER IMPROVEMENTS WERE USED TO DETERMINE THE R/W LOCATION FROM THE PETERSON ADDITION TO MONROE STREET IN McFARLAND'S SUBDIVISION AND ORCHARD TERRACE ADDITION. THE LOCATION OF UMATILLA AVENUE AS ESTABLISHED IN THIS SURVEY, TOGETHER WITH THE 10' STRIP OF LAND DEEDED TO THE COUNTY IN 1971 EAST OF UMATILLA AVENUE (BOOK 313, PAGES 327 THROUGH 330) WAS USED FOR R/W LOCATION FROM MONROE STREET TO THE SOUTH LINE OF McFARLAND'S SUBDIVISION, WHERE THE ALIGNMENT SHIFTS TO THE 1/16TH LINE. BECAUSE ORS 368.221 ALLOWS A COUNTY GOVERNING BODY TO LEGALIZE A ROAD AT A LESSER WIDTH THAN THAT ORIGINALLY DEDICATED, IF IT IS IN THE PUBLIC INTEREST OR IF ENCROACHMENTS ARE PRESENT, THE WEST R/W LINE FROM McFARLAND'S SUBDIVISION SOUTH TO THE END OF THE SURVEY WAS HELD AT THE LOCATION OF THE EAST LINE OF CONFORTH'S FIRST ADDITION, RESULTING IN A R/W WIDTH OF 3-4 FEET NARROWER THAN THAT ORIGINALLY ESTABLISHED. THE REASON FOR DOING SO IS THAT THE HOUSES ALONG THE ROAD IN CONFORTH'S FIRST ADDITION ARE VERY CLOSE TO SETBACK LINES ALREADY (SUSPECT SOME ARE ACROSS THE LINE) AND SHIFTING THE PROPERTY LINED 3-4 FEET FARTHER TO THE WEST VIA ROAD LEGALIZATION WOULD MAKE IT EVEN WORSE. THERE ARE ALSO MANY UTILITIES, CONCRETE DRIVEWAYS, LANDSCAPING, ETC. IN THE 3-4 FOOT STRIP THAT SHOULD BE CONSIDERED ENCROACHMENTS THAT MAY NOT PRACTICALLY BE REMOVED.

MONUMENTS USED TO SUBDIVIDE PORTIONS OF SECTIONS 17 AND 18 ARE SHOWN ON THIS SHEET. THE REASON I USED THE PIPE FOUND AT THE C-W 1/16 CORNER OF SECTION 17 FOR THE NORTH-SOUTH 1/16TH LINE LOCATION (R-16) IS THAT IT WAS SINGLE-PROPORTIONED BETWEEN A MONUMENT THAT MATCHES THE LOCATION OF THE BRASS CAP AT THE 1/4 CORNER AND A STONE WITH "X" AND PIPE ALONG SIDE AT THE C 1/4 CORNER THAT WAS USED IN SEVERAL OLDER SURVEYS.

MORE DETAILS ON HOW THE LOT LINES IN THE VARIOUS SUBDIVISIONS WERE ESTABLISHED ARE IN THE NOTES ON EACH SHEET. THESE LINES, TOGETHER WITH THE SECTION AND SUBDIVISIONAL SECTION LINE INTERSECTIONS SHOWN, WERE PROVIDED PRIMARILY FOR THE ASSESSOR'S CARTOGRAPHER FOR TAX MAP PREPARATION. UMATILLA COUNTY IS CURRENTLY IN THE PROCESS OF OBTAINING NAD 83(91) COORDINATES ON SOME OF THE MONUMENTS USED IN THIS SURVEY VIA CONTRACT WITH BILL WELLS. THAT SURVEY IS NEAR COMPLETION AND THOSE COORDINATES COULD BE USED AS A BASE FOR CONVERSION OF THE LOCAL DATUM COORDINATES USED IN THIS SURVEY TO THE NAD 83(91) DATUM FOR TAX MAP PLOTTING PURPOSES.

THE BEARING BASE USED IN THIS SURVEY WAS S89°53'58"E FROM THE SOUTH 1/4 CORNER OF SECTION 18 TO THE SOUTHEAST CORNER OF SECTION 18, PER UMATILLA COUNTY REMONUMENTATION SURVEY # 91-01-B BY EDWARDS. INSTRUMENTS USED WERE A WILD T-16 ONE MINUTE THEODOLITE AND A WILD DI-5 EDM. MONUMENTS WERE SET RADIALLY FROM TRAVERSE POINTS.

INDEX

- SHEET # 1HIGHWAY 730 TO BLOCK 3, PETERSON'S ADDITION
- SHEET # 2BLOCK 3, PETERSON'S ADDITION TO NORTH LINE McFARLAND'S SUBDIVISION
- SHEET # 3ADJACENT TO McFARLAND'S SUBDIVISION AND ORCHARD TERRACE ADDITION
- SHEET # 3APORTION OF McFARLAND'S SUBDIVISION AND ORCHARD TERRACE ADDITION BREAKDOWN.
- SHEET # 3BMcFARLAND'S SUBDIVISION AND ORCHARD TERRACE ADDITION COORDINATES, LINE AND CURVE TABLES; ORCHARD TERRACE AND GENERAL NOTES.
- SHEET # 3CMcFARLAND'S SUBDIVISION NOTES: POWERLINE ROAD COORDINATES, LINE TABLE, CURVE TABLE.
- SHEET # 4SOUTH LINE McFARLAND'S SUBDIVISION TO SOUTH LINE CONFORTH'S FIRST ADDITION; LEGAL DESCRIPTIONS

SHEET A-1 LOCAL DATUM COORDINATE TABLE

POINT DESCRIPTION	MONUMENT FOUND	CALCULATED POINT	NORTHING	EASTING
C 1/4 SECTION 18		X	22,633.27	16,026.36
W.C. TO C 1/4 SECTION 18	X		22,582.37	16,026.35
S 1/16 C SECTION 18		X	21,316.99	16,026.11
1/4 - 18	X		20,000.71	16,025.86
E 1/16 18		X	19,998.38	17,354.15
SE 1/16 SECTION 18		X	21,316.29	17,355.80
E 1/16 C-C SECTION 18		X	22,634.20	17,357.44
1/4 18 17	X		22,635.12	18,688.52
S 1/16 18 17		X	21,315.59	18,685.48
SEC. COR. 18 17	X		19,996.05	18,682.44
W 1/16 17		X	20,000.00	20,000.00
SW 1/16 SEC. 17		X	21,318.45	20,005.66
W 1/16 C-C, SEC. 17	X		22,636.90	20,011.33

SURVEY RECORDS USED

- R-1: EDWARDS UMATILLA CO. AREA #1 REMONUMENTATION SURVEY # CS-91-01-B
- R-2: 1975 DEPENDENT RESURVEY, TUERS, BLM, MICROFICHE VOL. 12603
- R-3: ORIGINAL GLO SURVEY, DAVENPORT, 1861
- R-4: PLAT OF McFARLAND'S SUBDIVISION, STORMS, 1949
- R-5: PLAT OF CONFORTH'S FIRST ADDITION, STAEBLER, 1977
- R-6: 1997, 97-124-B-BALMAN (RODGERS SURVEYING) BOUNDARY LINE ADJUSTMENT SURVEY FOR RSA COMPANY
- R-7: EDWARDS' 1997 PARTITION PLAT FOR JOHN SHAFER, CS* 97-111-B
- R-8: EDWARDS' 1994 REPLAT OF BLOCK 13 FOR PAUL AND ANNA FISCHER, CS* 95-09-B
- R-9: KRUMBEIN'S PLAT OF ORCHARD TERRACE ADDITION
- R-10: ASHER'S 1965 PLAT OF PETERSON ADDITION
- R-11: EDWARDS' 1996 SURVEY FOR JACK HEWELL, CS* 97-08-A
- R-12: GIERING'S 1966 SURVEY FOR THE CITY OF UMATILLA, CS* L-79-C
- R-13: ROBERTS, CS* 97-191-A
- R-14: GRIFFIS & WIGHTMAN, 1983 CS* 83-201-B
- R-15: LAGER, 1979 CS* Q-1222-B
- R-16: WENGLER (CH2M HILL), 1979 CS* Q-960-B

REGISTERED PROFESSIONAL LAND SURVEYOR
 Gary R. Roberts
 JULY 28, 1993
 GARY R. ROBERTS 2627

UMATILLA COUNTY ROAD DEPT
 3928 Westgate
 Pendleton, Oregon 97801

Survey for
Legalization of Powerline Road
 County Road # 1225

Located:
 Sections 17, 18, and 20, Township 5 North
 Range 28 East of the Willamette Meridian

Survey By: Gary Roberts	Drawn By: Jeanne Gorham	Checked By: Gary Roberts
Date: March, 1998		Sheets: A-1

4-98
 JK
 98-55-C