

MAP OF SURVEY

LOCATED IN THE SOUTHEAST 1/4 OF SECTION 35
 TOWNSHIP 37 SOUTH, RANGE 2 WEST, WILLAMETTE MERIDIAN
 IN THE CITY OF MEDFORD, JACKSON COUNTY, OREGON

RECEIVED
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 This survey consists of:
 1 sheet(s) Map
 0 page(s) Narrative
 JACKSON COUNTY SURVEYOR

SURVEY NARRATIVE TO COMPLY WITH O.R.S. 209.250

SURVEYED BY, AND FOR: THE CITY OF MEDFORD PUBLIC WORKS ENGINEERING DEPARTMENT 200 SOUTH IVY STREET, MEDFORD, OREGON 97501

DATE OF SURVEY: FIELD WORK COMPLETED IN APRIL, 2015.

NOTE 1: THIS MAP IS A CONTINUATION OF SURVEY NUMBER 21647 FILED BY THIS OFFICE, IN THE JACKSON COUNTY SURVEYOR'S OFFICE. THE PRELIMINARY ENGINEERING DESIGN FOR CITY OF MEDFORD PUBLIC WORKS PROJECT NUMBER P-1827 HAS BEEN EXPANDED SOUTHERLY ALONG ORCHARD HOME DRIVE.

NOTE 2: COORDINATES SHOWN CLOSELY COMPARE TO OREGON STATE PLANE SOUTH ZONE COORDINATES BUT ARE NOT INTENDED TO REPRESENT SAID OREGON SOUTH ZONE

NOTE 3: ELEVATIONS SHOWN ARE BASED ON CITY OF MEDFORD VERTICAL BENCHMARK C-257

BASIS OF BEARINGS: ASSUMED BETWEEN POINTS 305M AND 304M AS SHOWN
 N 55°29'44" W 341.31'
 RECORD PER SURVEY NUMBER 19766 (N 57°08'12" W 341.31')

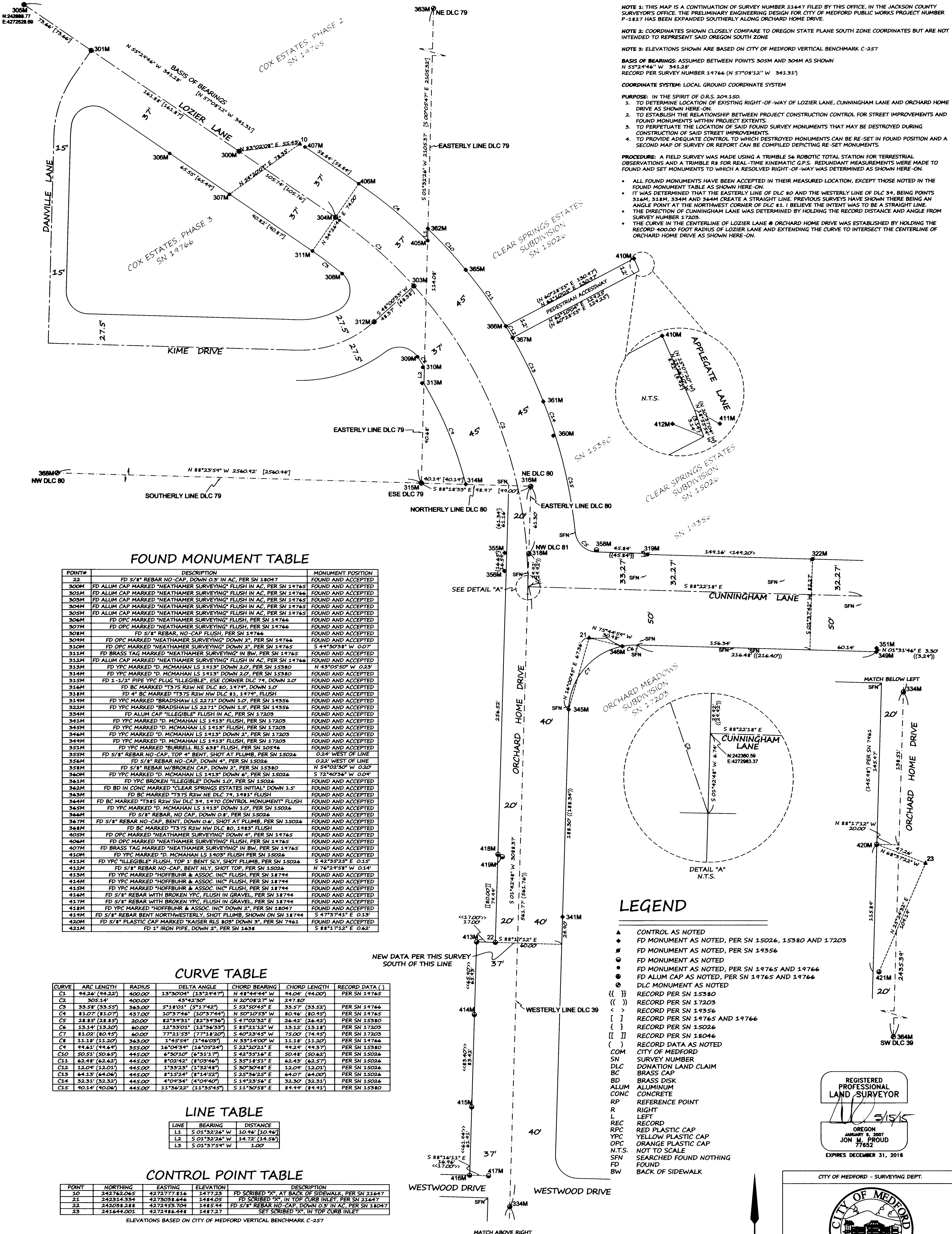
COORDINATE SYSTEM: LOCAL GROUND COORDINATE SYSTEM

PURPOSE: IN THE SPIRIT OF O.R.S. 209.150,

1. TO DETERMINE LOCATION OF EXISTING RIGHT-OF-WAY OF LOZIER LANE, CUNNINGHAM LANE AND ORCHARD HOME DRIVE AS SHOWN HERE-ON.
2. TO ESTABLISH THE RELATIONSHIP BETWEEN PROJECT CONSTRUCTION CONTROL FOR STREET IMPROVEMENTS AND FOUND MONUMENTS WITHIN PROJECT EXTENTS.
3. TO PERPETUATE THE LOCATION OF SAID FOUND SURVEY MONUMENTS THAT MAY BE DESTROYED DURING CONSTRUCTION OF SAID STREET IMPROVEMENTS.
4. TO PROVIDE ADEQUATE CONTROL TO WHICH DESTROYED MONUMENTS CAN BE RE-SET IN FOUND POSITION AND A SECOND MAP OF SURVEY OR REPORT CAN BE COMPILED DEPICTING RE-SET MONUMENTS.

PROCEDURE: A FIELD SURVEY WAS MADE USING A TRIMBLE S6 ROBOTIC TOTAL STATION FOR TERRESTRIAL OBSERVATIONS AND A TRIMBLE R8 FOR REAL-TIME KINEMATIC G.P.S. REDUNDANT MEASUREMENTS WERE MADE TO FOUND AND SET MONUMENTS TO WHICH A RESOLVED RIGHT-OF-WAY WAS DETERMINED AS SHOWN HERE-ON.

- ALL FOUND MONUMENTS HAVE BEEN ACCEPTED IN THEIR MEASURED LOCATION, EXCEPT THOSE NOTED IN THE FOUND MONUMENT TABLE AS SHOWN HERE-ON.
- IT WAS DETERMINED THAT THE EASTERLY LINE OF DLC 80 AND THE WESTERLY LINE OF DLC 39, BEING POINTS 316M, 318M, 319M AND 344M CREATE A STRAIGHT LINE. PREVIOUS SURVEYS HAVE SHOWN THERE BEING AN ANGLE POINT AT THE NORTHWEST CORNER OF DLC #1. I BELIEVE THE INTENT WAS TO BE A STRAIGHT LINE.
- THE DIRECTION OF CUNNINGHAM LANE WAS DETERMINED BY HOLDING THE RECORD DISTANCE AND ANGLE FROM SURVEY NUMBER 17203.
- THE CURVE IN THE CENTERLINE OF LOZIER LANE @ ORCHARD HOME DRIVE WAS ESTABLISHED BY HOLDING THE RECORD 400.00 FOOT RADIUS OF LOZIER LANE AND EXTENDING THE CURVE TO INTERSECT THE CENTERLINE OF ORCHARD HOME DRIVE AS SHOWN HERE-ON.



FOUND MONUMENT TABLE

POINT#	DESCRIPTION	MONUMENT POSITION
22	FD 5/8" REBAR NO-CAP, DOWN 0.3' IN AC, PER SN 18047	FOUND AND ACCEPTED
300M	FD ALUM CAP MARKED "NEATHAMER SURVEYING" FLUSH IN AC, PER SN 19765	FOUND AND ACCEPTED
302M	FD ALUM CAP MARKED "NEATHAMER SURVEYING" FLUSH IN AC, PER SN 19765	FOUND AND ACCEPTED
305M	FD ALUM CAP MARKED "NEATHAMER SURVEYING" FLUSH IN AC, PER SN 19765	FOUND AND ACCEPTED
304M	FD ALUM CAP MARKED "NEATHAMER SURVEYING" FLUSH IN AC, PER SN 19765	FOUND AND ACCEPTED
305M	FD ALUM CAP MARKED "NEATHAMER SURVEYING" FLUSH IN AC, PER SN 19765	FOUND AND ACCEPTED
306M	FD OPC MARKED "NEATHAMER SURVEYING" FLUSH, PER SN 19766	FOUND AND ACCEPTED
307M	FD OPC MARKED "NEATHAMER SURVEYING" FLUSH, PER SN 19766	FOUND AND ACCEPTED
308M	FD 5/8" REBAR, NO-CAP FLUSH, PER SN 19766	FOUND AND ACCEPTED
304M	FD OPC MARKED "NEATHAMER SURVEYING" DOWN 2", PER SN 19766	FOUND AND ACCEPTED
310M	FD OPC MARKED "NEATHAMER SURVEYING" DOWN 2", PER SN 19765	S 4°30'38" W 0.07'
312M	FD BRASS TAG MARKED "NEATHAMER SURVEYING" IN BW, PER SN 19765	FOUND AND ACCEPTED
312M	FD ALUM CAP MARKED "NEATHAMER SURVEYING" FLUSH IN AC, PER SN 19766	FOUND AND ACCEPTED
313M	FD YPC MARKED "D. MCMAHAN LS 1413" DOWN 2.0', PER SN 15380	N 43°05'50" W 0.23'
314M	FD YPC MARKED "D. MCMAHAN LS 1413" DOWN 2.0', PER SN 15380	FOUND AND ACCEPTED
315M	FD 1-1/2" PIPE YPC PLUG "ILLEGIBLE", ESE CORNER DLC 79, DOWN 2.0'	FOUND AND ACCEPTED
316M	FD BC MARKED "TS 75 R2W NE DLC 80, 1474", DOWN 1.0'	FOUND AND ACCEPTED
318M	FD 4" BC MARKED "TS 75 R2W NW DLC #1, 1474", FLUSH	FOUND AND ACCEPTED
319M	FD YPC MARKED "BRADSHAW LS 2271" DOWN 1.0', PER SN 19356	FOUND AND ACCEPTED
322M	FD YPC MARKED "BRADSHAW LS 2271" DOWN 1.5', PER SN 19356	FOUND AND ACCEPTED
334M	FD ALUM CAP "ILLEGIBLE" FLUSH IN AC, PER SN 17203	FOUND AND ACCEPTED
343M	FD YPC MARKED "D. MCMAHAN LS 1413" FLUSH, PER SN 17203	FOUND AND ACCEPTED
343M	FD YPC MARKED "D. MCMAHAN LS 1413" FLUSH, PER SN 17203	FOUND AND ACCEPTED
344M	FD YPC MARKED "D. MCMAHAN LS 1413" DOWN 2", PER SN 17203	FOUND AND ACCEPTED
344M	FD YPC MARKED "D. MCMAHAN LS 1413" FLUSH, PER SN 17203	FOUND AND ACCEPTED
351M	FD YPC MARKED "BURRELL RLS 638" FLUSH, PER SN 10596	FOUND AND ACCEPTED
355M	FD 5/8" REBAR NO-CAP, TOP 4" BENT, SHOT AT PLUMB, PER SN 15026	0.24' WEST OF LINE
356M	FD 5/8" REBAR NO-CAP, DOWN 4", PER SN 15026	0.21' WEST OF LINE
358M	FD 5/8" REBAR WITH BROKEN CAP, DOWN 2", PER SN 15380	N 54°02'30" W 0.20'
360M	FD YPC MARKED "D. MCMAHAN LS 1413" DOWN 6", PER SN 15026	S 72°40'36" W 0.04'
361M	FD YPC BROKEN "ILLEGIBLE" DOWN 1.0', PER SN 15026	FOUND AND ACCEPTED
362M	FD BD IN CONC MARKED "CLEAR SPRINGS ESTATES INITIAL" DOWN 1.5'	FOUND AND ACCEPTED
363M	FD BC MARKED "TS 85 R2W NE DLC 79, 1474", FLUSH	FOUND AND ACCEPTED
364M	FD BC MARKED "TS 85 R2W SW DLC 34, 1470 CONTROL MONUMENT" FLUSH	FOUND AND ACCEPTED
365M	FD YPC MARKED "D. MCMAHAN LS 1413" DOWN 1.0', PER SN 15026	FOUND AND ACCEPTED
366M	FD 5/8" REBAR, NO CAP, DOWN 0.8', PER SN 15026	FOUND AND ACCEPTED
367M	FD 5/8" REBAR NO-CAP, BENT, DOWN 0.6', SHOT AT PLUMB, PER SN 15026	FOUND AND ACCEPTED
368M	FD BC MARKED "TS 75 R2W NW DLC 80, 1474", FLUSH	FOUND AND ACCEPTED
405M	FD OPC MARKED "NEATHAMER SURVEYING" DOWN 4", PER SN 19765	FOUND AND ACCEPTED
406M	FD OPC MARKED "NEATHAMER SURVEYING" FLUSH, PER SN 19765	FOUND AND ACCEPTED
407M	FD BRASS TAG MARKED "NEATHAMER SURVEYING" IN BW, PER SN 19765	FOUND AND ACCEPTED
420M	FD YPC MARKED "D. MCMAHAN LS 1409" FLUSH PER SN 15026	FOUND AND ACCEPTED
411M	FD YPC "ILLEGIBLE" FLUSH, TOP 1" BENT NLY, SHOT FLUSH, PER SN 15026	S 43°52'52" E 0.15'
412M	FD 5/8" REBAR NO-CAP, BENT NLY, SHOT TOP, PER SN 15026	N 76°24'58" W 0.34'
413M	FD YPC MARKED "HOFFBUHR & ASSOC. INC" FLUSH, PER SN 18744	FOUND AND ACCEPTED
414M	FD YPC MARKED "HOFFBUHR & ASSOC. INC" FLUSH, PER SN 18744	FOUND AND ACCEPTED
415M	FD YPC MARKED "HOFFBUHR & ASSOC. INC" FLUSH, PER SN 18744	FOUND AND ACCEPTED
416M	FD 5/8" REBAR WITH BROKEN YPC, FLUSH IN GRAVEL, PER SN 18744	FOUND AND ACCEPTED
417M	FD 5/8" REBAR WITH BROKEN YPC, FLUSH IN GRAVEL, PER SN 18744	FOUND AND ACCEPTED
418M	FD YPC MARKED "HOFFBUHR & ASSOC. INC" DOWN 2", PER SN 18047	FOUND AND ACCEPTED
419M	FD 5/8" REBAR BENT NORTHWESTERLY, SHOT PLUMB, SHOWN ON SN 18744	S 47°37'43" E 0.13'
420M	FD 5/8" PLASTIC CAP MARKED "KAISER RLS 808" DOWN 3", PER SN 7461	FOUND AND ACCEPTED
421M	FD 3" IRON PIPE, DOWN 2", PER SN 1668	S 88°17'12" E 0.62'

CURVE TABLE

CURVE	ARC LENGTH	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH	RECORD DATA ()
C1	44.24' (44.24')	400.00'	13°30'04" (13°24'47")	N 48°44'44" W 44.04' (44.00')	247.80'	PER SN 19765
C2	305.14'	400.00'	43°42'30"	N 20°08'27" W 247.80'		
C3	33.58' (33.53')	363.00'	5°18'01" (5°17'42")	S 52°50'45" E 33.57' (33.52')		PER SN 19766
C4	81.07' (81.07')	437.00'	10°57'46" (10°57'44")	N 50°10'59" W 80.46' (80.45')		PER SN 19765
C5	28.85' (28.85')	20.00'	82°13'31" (82°13'36")	S 47°02'32" E 26.42' (26.42')		PER SN 15380
C6	13.14' (13.20')	60.00'	12°33'01" (12°36'33")	S 85°21'12" W 13.12' (13.18')		PER SN 17203
C7	81.02' (80.45')	60.00'	77°21'53" (77°18'20")	S 40°23'45" W 75.00' (74.45')		PER SN 17203
C8	11.18' (11.20')	363.00'	1°45'54" (1°46'03")	N 33°14'00" W 11.18' (11.20')		PER SN 19766
C9	46.61' (46.64')	355.00'	16°04'54" (16°05'24")	S 23°32'31" E 46.24' (46.37')		PER SN 15380
C10	50.51' (50.65')	445.00'	6°50'10" (6°51'17")	S 42°51'41" E 50.48' (50.62')		PER SN 15026
C11	62.48' (62.62')	445.00'	8°02'42" (8°03'46")	S 35°18'51" E 62.49' (62.57')		PER SN 15026
C12	12.04' (12.01')	445.00'	1°33'23" (1°32'48")	S 30°30'48" E 12.04' (12.01')		PER SN 15026
C13	64.13' (64.06')	445.00'	8°15'24" (8°14'52")	S 25°36'25" E 64.07' (64.00')		PER SN 15026
C14	32.31' (32.32')	445.00'	4°04'54" (4°04'40")	S 14°29'56" E 32.30' (32.31')		PER SN 15026
C15	40.14' (40.06')	445.00'	5°56'22" (5°55'45")	S 51°30'58" E 40.44' (40.45')		PER SN 15380

LINE TABLE

LINE	BEARING	DISTANCE
L1	S 01°32'26" W	10.46' (10.46')
L2	S 01°32'26" W	14.72' (14.56')
L3	S 01°37'59" W	1.00'

CONTROL POINT TABLE

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
10	242742.065	427277.816	1477.23	FD SCRIBED "X", AT BACK OF SIDEWALK, PER SN 21647
21	242314.334	4273058.646	1484.05	FD SCRIBED "X", IN TOP CURB INLET, PER SN 21647
22	242582.818	4272453.704	1485.84	FD 5/8" REBAR NO-CAP, DOWN 0.3' IN AC, PER SN 18047
23	241644.001	4272488.448	1487.27	SET SCRIBED "X", IN TOP CURB INLET

ELEVATIONS BASED ON CITY OF MEDFORD VERTICAL BENCHMARK C-257

LEGEND

- ▲ CONTROL AS NOTED
- FD MONUMENT AS NOTED, PER SN 15026, 15380 AND 17203
- FD MONUMENT AS NOTED, PER SN 19356
- FD MONUMENT AS NOTED
- FD MONUMENT AS NOTED, PER SN 19765 AND 19766
- FD ALUM CAP AS NOTED, PER SN 19765 AND 19766
- DLC MONUMENT AS NOTED
- { } RECORD PER SN 15380
- { } RECORD PER SN 17203
- < > RECORD PER SN 19356
- [] RECORD PER SN 19765 AND 19766
- [] RECORD PER SN 15026
- [] RECORD PER SN 18046
- { } RECORD DATA AS NOTED
- COM CITY OF MEDFORD
- SN SURVEY NUMBER
- DLC DONATION LAND CLAIM
- BC BRASS CAP
- BD BRASS DISK
- ALUM ALUMINUM
- CONC CONCRETE
- RP REFERENCE POINT
- R RIGHT
- L LEFT
- REC RECORD
- RPC RED PLASTIC CAP
- YPC YELLOW PLASTIC CAP
- OPC ORANGE PLASTIC CAP
- N.T.S. NOT TO SCALE
- SFN SEARCHED FOUND NOTHING
- FD FOUND
- BW BACK OF SIDEWALK

REGISTERED PROFESSIONAL LAND SURVEYOR
 JON M. FROUD
 OREGON
 JANUARY 9, 2007
 77852
 EXPIRES DECEMBER 31, 2016



CITY OF MEDFORD - SURVEYING DEPT.
 DRAWN BY: SPM DATE: 5-15-15 PROJECT NO: P-1827
 CHECKED BY: JMP DATE: 5-15-15 SHEET NO: 1 OF 1
 NOTES:

SCALE 1"=40'

