

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

SURVEYED BY AND FOR: THE CITY OF MEDFORD PUBLIC WORKS ENGINEERING DEPARTMENT 411 WEST 8TH STREET, MEDFORD, OREGON 97501

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

NOTE 1: A CONTINUOUS SEARCH FOR MONUMENTS WAS PERFORMED THROUGHOUT THE CONSTRUCTION PROCESS OF THE CITY OF MEDFORD ENGINEERING ALLEY PAVING PROJECT M-609, TO WHICH 8 ADDITIONAL MONUMENTS WERE LOCATED WITH-IN THE CONSTRUCTION AREA. SEE MONUMENT TABLE FOR ADDITIONAL INFORMATION.

NOTE 2: COORDINATES SHOWN CLOSELY COMPARE TO STATE PLANE, OREGON SOUTH ZONE, NAD83/91 COORDINATES BUT ARE NOT INTENDED TO REPRESENT SAID OREGON SOUTH ZONE.

BASIS OF BEARINGS: ASSUMED BETWEEN POINTS 406 AND 407 AS SHOWN SURVEY 5 01°42'53" W 649.57' RECORD PER SURVEY NUMBER 11452 (S 00°05'30" W 649.54')

COORDINATE SYSTEM: LOCAL GROUND COORDINATE SYSTEM

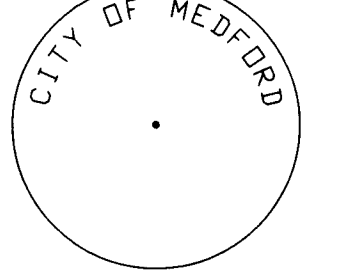
PURPOSE: TO RE-ESTABLISH THE LOCATION OF 12 OF THE FOUND MONUMENTS DESTROYED BY ALLEY CONSTRUCTION. UTILIZING THE CONTROL AND RECOVERED MONUMENT POSITIONS PER SURVEY NUMBER 21407 AND ESTABLISHED NEW CONTROL, THE DESTROYED MONUMENTS OUTSIDE EXISTING RIGHT OF WAY WERE RESET AS DESCRIBED BELOW.

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 COORDINATE LISTING WAS COMPILED AS SHOWN. POINTS 484 AND 486 WERE RE-SET WITH A MAG-NAIL AND BRASS WASHER MARKED 'CITY OF MEDFORD' SET IN ASPHALT. POINTS 421, 423, 436, 437, 447, 480, 494, 501, 750 AND 10448 WERE RESET WITH A 1-1/2" ALUMINUM CAP MARKED CITY OF MEDFORD, AS SEEN IN 'SET MONUMENT DETAIL'.

ALL OTHER FOUND MONUMENTS SHOWN ON SAID SURVEY NUMBER 21407 WITHIN THE LIMITS OF THE CONSTRUCTION, WERE FOUND TO BE IN PLACE AND UNDISTURBED AT THE TIME OF THIS POST CONSTRUCTION MONUMENT REPLACEMENT SURVEY.

RECEIVED DATE 4/6/15 BY JPB This survey consists of 1 sheet(s) Map 0 page(s) Narrative JACKSON COUNTY SURVEYOR

SET MONUMENT DETAIL 5/8" x 24" REBAR WITH A 1-1/2" ALUMINUM CAP MARKED:



MAP OF SURVEY

OF FOUND MONUMENTATION WITHIN LAURELHURST ADDITION LOCATED IN THE SOUTHEAST 1/4 OF SECTION 19 TOWNSHIP 37 SOUTH, RANGE 1 WEST, WILLAMETTE MERIDIAN IN THE CITY OF MEDFORD, JACKSON COUNTY, OREGON

CONTROL TABLE

Point	Northing	Eastng	Description
100	251104.62	4284110.30	SET MAG NAIL W/COM BRASS WASHER
101	251104.62	4284110.30	SET MAG NAIL W/COM BRASS WASHER
102	252455.12	4284139.56	SET MAG NAIL W/COM BRASS WASHER
110	252461.14	4283857.64	SET MAG NAIL W/COM BRASS WASHER
111A	251748.87	4283848.53	SET MAG NAIL W/COM BRASS WASHER
112B	251748.87	4283848.53	SET MAG NAIL W/COM BRASS WASHER
120	252272.24	4283551.73	SET MAG NAIL W/COM BRASS WASHER
121A	251807.50	4283566.31	SET MAG NAIL W/COM BRASS WASHER
122	252484.92	4283576.52	SET MAG NAIL W/COM BRASS WASHER
130	251231.86	4283240.08	SET MAG NAIL W/COM BRASS WASHER
131A2	251814.83	4283288.77	SET MAG NAIL W/COM BRASS WASHER
132A	252476.60	4283294.58	SET MAG NAIL W/COM BRASS WASHER
140	251256.95	4282488.81	SET MAG NAIL W/COM BRASS WASHER
141A	251256.95	4282488.81	SET MAG NAIL W/COM BRASS WASHER
142A	252486.35	4283015.62	SET MAG NAIL W/COM BRASS WASHER
150	251458.19	4282711.42	SET MAG NAIL W/COM BRASS WASHER
151	251848.83	4282717.18	SET MAG NAIL W/COM BRASS WASHER

NOTE: POINTS 100, 101, 110, 112B, 121A, 122, 132A, 140, 141A, 142A, 150, AND 151 ARE THE REMAINING CONTROL POINTS FROM FILED SURVEY 21407. ALL OTHER CONTROL SHOWN ON SAID SURVEY 21407 HAS BEEN DESTROYED DURING CONSTRUCTION OF CITY OF MEDFORD PROJECT M-609. ADDITIONAL CONTROL HAS BEEN SET THROUGHOUT THE PROJECT AND IS SHOWN ON MAP AND LISTED ABOVE

MONUMENT TABLE

Point	Northing	Eastng	Description of Original Monument shown on Pre-Construction Survey filed as SN 21407 or as noted	Post Construction Condition
406	252467.92	4283161.82	FD 5/8" REBAR, DOWN 1", PER SN 2685	UNDISTURBED
407	251818.64	4283424.45	FD 5/8" REBAR, DOWN 2", UNDER A/C, PER SN 2685	UNDISTURBED
408	251826.74	4282962.82	FD 5/8" REBAR, DOWN 2", UNDER A/C, LEANING EAST, SHOT CENTER, PER SN 12689	UNDISTURBED
409	251802.85	4283700.80	FD MAG-NAIL AND SHINER, FLUSH IN AC, ORIGIN UNKNOWN	UNDISTURBED
410	251745.92	4283981.93	FD MAG-NAIL & SHINER, FLUSH IN A/C AT CL INT OF BESSIE/ SAILING, ORIGIN UNKNOWN	UNDISTURBED
411	252444.58	4284000.77	FD NAIL, FLUSH IN A/C AT CL INT BESSIE/STEVENS, ORIGIN UNKNOWN	UNDISTURBED
412	252436.63	4284281.30	FD PK-NAIL, FLUSH IN A/C AT CL INT OF PEARL/ STEVENS, ORIGIN UNKNOWN	UNDISTURBED
413	251816.44	4284241.71	FD 3/4" SOLID PIN, LAYING NELY DUG TO BOTTOM OF 18" PIN, RE-PLUMBED AND SHOT TOP OF PIN	UNDISTURBED
414	252432.80	4284420.12	FD 1/2" PIPE IN EXISTING HOLE IN A/C, DOWN 2", PER SN 14000	UNDISTURBED
415	251765.82	4283450.33	FD 5/8" REBAR, DOWN 2", PER SN 8026	UNDISTURBED
416	251768.78	4283505.87	FD 5/8" REBAR, DOWN 1", PER SN 8026	UNDISTURBED
417	252144.40	4283122.30	FD 5/8" REBAR, DOWN 5" SET IN CONCRETE, PER SN 891	UNDISTURBED
418	252144.05	4283122.92	FD 5/8" REBAR W/YPC "Kaiser RLS 803", DOWN 1", PER SN 11452	UNDISTURBED
419	252144.44	4283128.25	FD 5/8" REBAR W/YPC "Kaiser RLS 803", DOWN 1", PER SN 11452	UNDISTURBED
420	252448.70	4283131.25	FD 5/8" REBAR W/YPC "Kaiser RLS 803", DOWN 1", PER SN 11452	UNDISTURBED
421	252451.58	4283051.32	FD 5/8" REBAR, DOWN 1", PER SN 11452	RE-SET 5/8"x24" REBAR WITH ALUMINUM CAP MARKED 'CITY OF MEDFORD'
422	252454.87	4283111.62	FD 3/4" INSIDE DIAMETER PIPE, DOWN 6", PER SN 11452	UNDISTURBED
423	252452.86	4283011.66	FD 3/4" INSIDE DIAMETER PIPE, DOWN 4", PER LAURELHURST ADDITION	RE-SET 5/8"x24" REBAR WITH ALUMINUM CAP MARKED 'CITY OF MEDFORD'
424	251714.56	4283104.45	FD LEAD PLUG W/TACK, FLUSH IN CONCRETE WALK, PER SN 2685	UNDISTURBED
425	251789.44	4283111.67	FD LEAD PLUG W/TACK, FLUSH IN CONCRETE WALK, PER SN 2685	UNDISTURBED
426	251446.22	4283283.13	FD 1/2" REBAR, SET IN CONCRETE, DOWN 8", BENT NORTH, SHOT AT BEND, ORIGIN UNKNOWN	UNDISTURBED
427	251446.68	4282881.86	FD 1/2" REBAR, DOWN 2", BENT EAST, SHOT AT BEND, ORIGIN UNKNOWN	UNDISTURBED
428	251458.22	4283161.34	FD 1/2" REBAR, DOWN 2", BENT NORTH, SHOT AT BEND, ORIGIN UNKNOWN	UNDISTURBED
429	251488.41	4283162.61	FD 1/2" REBAR, DOWN 5", BENT NORTH, SHOT AT BEND, ORIGIN UNKNOWN	UNDISTURBED
430	251818.04	4283158.70	FD 3/4" INSIDE DIAMETER PIPE, DOWN 8", PER LAURELHURST ADDITION	UNDISTURBED
431	251781.49	4283341.04	FD 5/8" REBAR, DOWN 2", ORIGIN UNKNOWN	UNDISTURBED
432	252447.12	4283141.28	FD 5/8" REBAR, DOWN 6", ORIGIN UNKNOWN	UNDISTURBED
433	252347.08	4283188.44	FD 3/4" OUTSIDE DIAMETER PIPE, DOWN 8", PER LAURELHURST ADDITION	UNDISTURBED
434	252348.28	4283186.10	FD 5/8" REBAR, DOWN 8", ORIGIN UNKNOWN	UNDISTURBED
435	252344.30	4283288.05	FD 5/8" REBAR W/YPC "LS 505 THOMAS", ORIGIN UNKNOWN	UNDISTURBED, CAP MISSING
436	252443.42	4283241.07	FD 5/8" REBAR, DOWN 4", LEANING SOUTH, SHOT TOP, ORIGIN UNKNOWN	RE-SET 5/8"x24" REBAR WITH ALUMINUM CAP MARKED 'CITY OF MEDFORD'
437	251946.10	4283503.74	FD 5/8" REBAR WALUM CAP "BOYDEN RLS 281", DOWN 4", PER SN 18562	RE-SET 5/8"x24" REBAR WITH ALUMINUM CAP MARKED 'CITY OF MEDFORD'
438	252245.92	4283505.00	FD 5/8" REBAR WALUM CAP "BOYDEN RLS 281", DOWN 4", PER SN 18562	UNDISTURBED
439	252344.42	4283289.60	FD 5/8" REBAR, DOWN 2", ORIGIN UNKNOWN	UNDISTURBED
440	251631.92	4283586.97	FD 5/8" REBAR, DOWN 4", PER SN 6247	UNDISTURBED
441	251631.92	4283586.97	FD 5/8" REBAR, EXPOSED 2", ORIGIN UNKNOWN	UNDISTURBED
442	251280.47	4283436.53	FD 5/8" REBAR, WALUM CAP "BOYDEN RLS 281", DOWN 2", PER SN 18562	UNDISTURBED
443	251280.56	4283435.59	FD 1-1/2" ALUM CAP "ILLEGIBLE", FLUSH, PER SN 18562	UNDISTURBED
444	251959.78	4283455.82	FD 3/4" OUTSIDE DIAMETER PIPE, DOWN 8", UNKNOWN ORIGIN	UNDISTURBED
445	252034.64	4283014.04	FD 5/8" REBAR, DOWN 8", ORIGIN UNKNOWN	UNDISTURBED
446	252140.07	4283461.85	FD 1/2" REBAR, DOWN 5", UNKNOWN ORIGIN	UNDISTURBED
447	252436.10	4283703.36	FD 5/8" REBAR, DOWN 8", UNKNOWN ORIGIN	RE-SET 5/8"x24" REBAR WITH ALUMINUM CAP MARKED 'CITY OF MEDFORD'
448	252436.67	4283702.25	FD 5/8" REBAR, DOWN 8", UNKNOWN ORIGIN	UNDISTURBED
449	252438.86	4283681.16	FD 3/4" OUTSIDE DIAMETER PIPE, DOWN 2", UNKNOWN ORIGIN	UNDISTURBED
450	251773.76	4283671.05	FD 5/8" REBAR, W/YPC, "FRAR AND ASSOC." DOWN 2", PER SN 18953	UNDISTURBED
451	251675.44	4283666.14	FD 5/8" REBAR, W/YPC, "FRAR AND ASSOC." DOWN 2", PER SN 18953	UNDISTURBED
452	251675.44	4283666.14	FD 3/4" OUTSIDE DIAMETER PIPE WITH 40 DEGREE BEND, DOWN 2", UNKNOWN ORIGIN	UNDISTURBED
453	251374.25	4283659.49	FD 5/8" REBAR, DOWN 2", PER SN 6713	UNDISTURBED
454	251723.36	4283725.20	FD 5/8" REBAR, W/YPC "FRAR & ASSOC.", FLUSH, PER SN 38256	UNDISTURBED
455	251724.44	4283731.33	FD 3/4" OUTSIDE DIAMETER PIPE, BENT SW, SHOT AT BEND, DOWN 8", ORIGIN UNKNOWN	UNDISTURBED
460	252183.53	4283681.16	FD 5/8" SMOOTH PIN, TOP 6", BENT NW, SHOT AT BEND, DOWN 6", ORIGIN UNKNOWN	UNDISTURBED
461	252035.54	4283678.93	FD 5/8" REBAR, DOWN 6", PER SN 4780	UNDISTURBED
462	251783.65	4283677.46	FD 5/8" REBAR, DOWN 2", PER SN 4780	UNDISTURBED
463	252351.05	4283777.80	FD 3/4" OUTSIDE DIAMETER PIPE, DOWN 8", ORIGIN UNKNOWN	UNDISTURBED
464	252428.86	4283681.16	FD 5/8" REBAR, BENT NELY, SHOT AT BEND, DOWN 6", ORIGIN UNKNOWN	UNDISTURBED
465	252225.53	4283964.52	FD 5/8" REBAR WITH FLAGGING, AT FENCE POST, DOWN 2", ORIGIN UNKNOWN	UNDISTURBED
466	252126.16	4283961.32	FD 5/8" SMOOTH PIN, DOWN 2", ORIGIN UNKNOWN	UNDISTURBED
467	251925.81	4283952.57	FD 5/8" REBAR, W/YPC "FRAR & ASSOC." DOWN 8" IN DITCH-LINE, PER SN 19466	UNDISTURBED
468	251925.81	4283952.57	FD 5/8" REBAR, W/YPC "FRAR & ASSOC.", FLUSH, PER SN 19466	UNDISTURBED
469	251925.81	4283952.57	FD 5/8" REBAR, W/YPC "FRAR & ASSOC.", FLUSH, PER SN 19466	UNDISTURBED
470	251667.01	4283947.77	FD 5/8" REBAR, DOWN 2", PER SN 8026	UNDISTURBED
471	251616.57	4283946.59	FD 3/4" OUTSIDE DIAMETER PIPE IN CONC, BENT SLY, SHOT AT BEND, DOWN 2", ORIGIN UNKNOWN	UNDISTURBED
472	251616.48	4283945.57	FD 3/4" SQUARE BOLT, DOWN 2", ORIGIN UNKNOWN	UNDISTURBED
473	251664.60	4284009.10	FD 5/8" SMOOTH PIN, EXPOSED 4" "FORM STAKE", ORIGIN UNKNOWN	UNDISTURBED
474	251764.48	4284011.16	FD 5/8" SMOOTH PIN, UNDER FENCE, ORIGIN UNKNOWN	UNDISTURBED
475	251741.10	4284014.04	FD 5/8" REBAR, W/YPC "LJ FRAR & ASSOC.", FLUSH, PER SN 14900	UNDISTURBED
476	252123.93	4284021.54	FD 5/8" REBAR, FLUSH IN WALK, PER SN 16041	UNDISTURBED
477	252173.93	4284023.12	FD 5/8" REBAR W/RPC, UNDER SIDEWALK, SHOT CENTER OF CAP AT TOP OF WALK, PER SN 14318	UNDISTURBED
478	252123.67	4284021.54	FD 5/8" REBAR, DOWN 4", ORIGIN UNKNOWN	UNDISTURBED
479	252423.61	4284030.05	FD 5/8" REBAR, DOWN 3", ORIGIN UNKNOWN	UNDISTURBED
480	252420.47	4284129.91	FD 5/8" REBAR, DOWN 3", ORIGIN UNKNOWN	RE-SET 5/8"x24" REBAR WITH ALUMINUM CAP MARKED 'CITY OF MEDFORD'
482	251659.11	4284227.35	FD 5/8" REBAR W/YPC, "KAISER RLS 803", PER SN 16302	UNDISTURBED
483	251659.11	4284227.35	FD 5/8" REBAR, YPC "MARQUES & ASSOC." DOWN 6", PER SN 12689	UNDISTURBED
484	251651.20	4282707.21	FD 5/8" REBAR, DOWN 6", PER SN 12689	UNDISTURBED
485	251201.01	4282703.14	FD 5/8" REBAR, YPC, "MARQUES & ASSOC." DOWN 6", PER SN 12689	RE-SET MAG-NAIL WITH BRASS WASHER MARKED 'CITY OF MEDFORD'
486	251700.82	4282709.02	FD 5/8" REBAR, DOWN 6", PER SN 12689	RE-SET MAG-NAIL WITH BRASS WASHER MARKED 'CITY OF MEDFORD'
487	251591.27	4283122.93	FD 5/8" PIN DOWN 2" IN A/C, PER SN 2685	UNDISTURBED
488	251166.85	4283981.14	FD BRASS DISC FLUSH IN CURB STAMPED "A 111", PER FB 1676/4	UNDISTURBED
489	251114.06	4283944.04	FD RP SHELL IN CURB SOUTH JACKSON AT BESSIE, WEST, PER FB 1676/4	UNDISTURBED
490	251113.24	4283974.98	FD RP SHELL IN CURB SOUTH JACKSON AT BESSIE, EAST, PER FB 1676/4	UNDISTURBED
491	251113.24	4283974.98	FD 1-1/2" ALUM CAP W/PUNCH, "CITY OF MEDFORD", FLUSH IN AC, PER SN 14351	UNDISTURBED
492	251777.77	4283535.45	FD 1-1/2" ALUM CAP W/PUNCH, "BOYDEN PLS 281", FLUSH IN AC, PER SN 18562	UNDISTURBED
493	251584.70	4283282.56	FD 5/8" REBAR, DOWN 10", PER SN 6248	UNDISTURBED
494	251585.42	4283262.78	FD 5/8" REBAR, DOWN 8", ORIGIN UNKNOWN	RE-SET 5/8"x24" REBAR WITH ALUMINUM CAP MARKED 'CITY OF MEDFORD'
500	251534.56	4283284.05	FD 5/8" REBAR, DOWN 6", PER SN 6248	UNDISTURBED, MONUMENT NOW IN CONCRETE OF FENCE POST
501	251635.16	4283262.52	FD LARGE BOAT SPIKE, DOWN 6", ORIGIN UNKNOWN	RE-SET 5/8"x24" REBAR WITH ALUMINUM CAP MARKED 'CITY OF MEDFORD'
502	251685.25	4283268.55	FD 1/2" INSIDE DIAMETER PIPE, DOWN 12", ORIGIN UNKNOWN	UNDISTURBED
507	251685.04	4283281.32	FD 5/8" REBAR, DOWN 10", ORIGIN UNKNOWN	UNDISTURBED
508	251634.64	4283286.50	FD 5/8" REBAR, EXPOSED 3", PER SN 6248	UNDISTURBED
601M	251844.78	4285273.15	FD 3/4" OUTSIDE DIAMETER PIPE, DOWN 3", PER LAURELHURST ADDITION	UNDISTURBED
602M	252343.74	4283508.08	FD 5/8" REBAR W/YPC "ILLEGIBLE", DOWN 8", PER SN 6594	UNDISTURBED, CAP MISSING
603	252170.43	4284122.93	FD 5/8" REBAR W/RPC "D.A. EDWARDS LS 2334", DOWN 4", PER SN 14398	UNDISTURBED
604	252121.32	4284122.42	FD 5/8" REBAR W/RPC "R. BRAUGHTON LS 2687", DOWN 10", SHOT AT BEND, PER SN 16041	UNDISTURBED
605	252071.11	4284114.89	FD 5/8" REBAR W/RPC "D.A. EDWARDS LS 2334", DOWN 4", PER SN 14398	UNDISTURBED
606	252461.14	4283857.64	FD 3" SQUARE BOLT ON 3/4" SHAFIT, ORIGIN UNKNOWN, HOMEOWNER NEW LOCATION	UNDISTURBED
610	251763.01	4284061.04	FD 3" SQUARE BOLT, ON 3/4" SHAFIT, ORIGIN UNKNOWN, HOMEOWNER NEW LOCATION	UNDISTURBED
611	251761.80	4284111.14	FD 3" x 1/8" METAL STRAP, BENT 90 DEGREES TO WEST, ORIGIN UNKNOWN	UNDISTURBED
700	251535.75	4283546.23	CALCULATED LOCATION OF RAILROAD SPIKE PER COM RECORD	UNDISTURBED
750	252402.04	4283521.14	FD 3/4" OUTSIDE DIAMETER PIPE, BENT, SHOT AT PLUMB, ORIGIN UNKNOWN	RE-SET 5/8"x24" REBAR WITH ALUMINUM CAP MARKED 'CITY OF MEDFORD'
10448	251836.45	4283552.78	FD 5/8" REBAR, BENT, SHOT AT PLUMB, ORIGIN UNKNOWN	RE-SET 5/8"x24" REBAR WITH ALUMINUM CAP MARKED 'CITY OF MEDFORD'

NOTE: POINTS 603-606, 610-611, 750 AND 10448 WERE FOUND PRIOR TO OR DURING THE CONSTRUCTION OF CITY OF MEDFORD PROJECT M-609

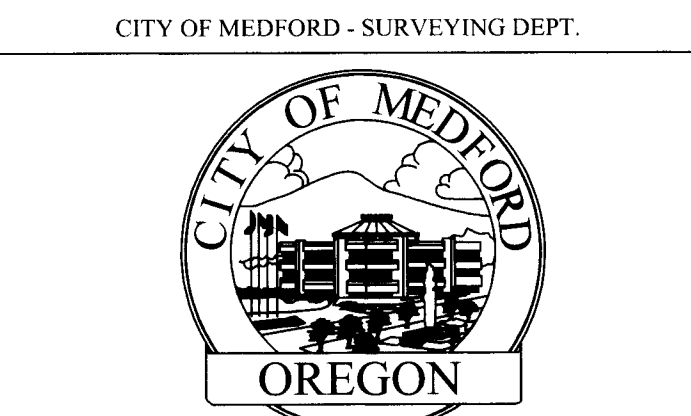
LEGEND

- ▲ CONTROL MONUMENT AS NOTED
- FOUND MONUMENT AS NOTED
- RE-SET MONUMENT AS NOTED
- () RECORD PER SN 11452
- COM CITY OF MEDFORD
- SN SURVEY NUMBER
- BC BRASS CAP
- RP REFERENCE POINT
- PN PIN
- R RIGHT
- L LEFT
- REC RECORD
- RPC RED PLASTIC CAP
- FD FOUND
- CL CENTERLINE
- INT INTERSECTION
- RLS REGISTERED LAND SURVEYOR
- LS LAND SURVEYOR
- PLS PROFESSIONAL LAND SURVEYOR
- A ASPHALT
- C CONC
- ALM ALUMINUM
- YPC YELLOW PLASTIC CAP
- OPC ORANGE PLASTIC CAP
- N.T.S NOT TO SCALE

REGISTERED PROFESSIONAL LAND SURVEYOR

JON M. PROUD 77652 EXPIRES DECEMBER 31, 2016

SCALE 1"=100'



CITY OF MEDFORD - SURVEYING DEPT. DRAWN BY: SPM DATE: 3-31-15 PROJECT NO: M-609 CHECKED BY: JP DATE: 3-31-15 SHEET NO: 1 OF 1