

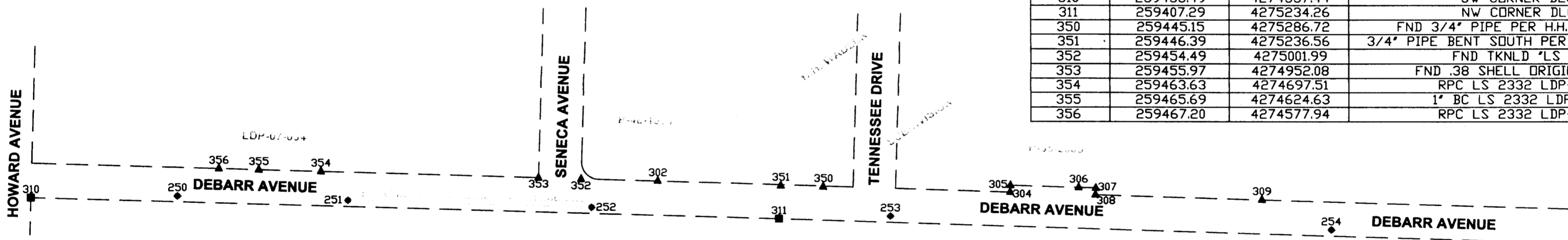
MONUMENT RECOVERY AND CONTROL SURVEY

DEBARR AVENUE

LOCATED IN THE NORTHWEST 1/4 OF SECTION 13
 TOWNSHIP 37 SOUTH, RANGE 2 WEST, WILLAMETTE MERIDIAN
 IN THE CITY OF MEDFORD, JACKSON COUNTY, OREGON

**** RECEIVED ****
 DATE 8-7-09 BY *bb*
 This survey consists of:
 1 sheet(s) Map
 0 page(s) Narrative
 JACKSON COUNTY SURVEYOR

POINT	NORTHING	EASTING	DESCRIPTION
250	259435.08	4274529.21	SET PK NAIL & SHINER
251	259429.58	4274729.11	SET PK NAIL & SHINER
252	259421.03	4275014.06	SET PK NAIL & SHINER
253	259410.56	4275365.47	SET PK NAIL & SHINER
254	259395.14	4275882.48	SET PK NAIL
302	259452.01	4275091.92	FND 5/8" R/C ILLEGIBLE SN 13812
304	259439.48	4275506.39	FND 5/8" PIN W/YPC "LJFA" SN 18768
305	259447.46	4275506.62	FND 5/8" PIN W/YPC "LJFA" SN 18768
306	259445.03	4275586.62	FND TKNLD "LJFA" SN 18768
307	259444.39	4275606.65	FND 5/8" PIN W/YPC "LJFA" SN 18768
308	259436.53	4275606.39	FND 5/8" PIN W/YPC "LJFA" SN 18768
309	259430.76	4275801.36	FND 3/4 IP DRIGIN UNKNOWN
310	259433.49	4274357.44	SW CORNER DLC 59
311	259407.29	4275234.26	NW CORNER DLC 60
350	259445.15	4275286.72	FND 3/4" PIPE PER H.H. WADLER SUB
351	259446.39	4275236.56	3/4" PIPE BENT SOUTH PER H.H. WADLER SUB
352	259454.49	4275001.99	FND TKNLD "LS 2339"
353	259455.97	4274952.08	FND 38 SHELL DRIGIN UNKNOWN
354	259463.63	4274697.51	RPC LS 2332 LDP-07-034
355	259465.69	4274624.63	1" BC LS 2332 LDP-07-034
356	259467.20	4274577.94	RPC LS 2332 LDP-07-034



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

SURVEY FOR AND BY: CITY OF MEDFORD
 411 WEST 8TH STREET
 MEDFORD, OR 97501

DATE OF SURVEY: FEBRUARY-JUNE, 2009

PURPOSE: 1.) TO PERPETUATE THE LOCATION OF SURVEY MONUMENTS THAT MAY GET DESTROYED DURING A CITY OF MEDFORD STREET IMPROVEMENT PROJECT IN THE SPIRIT OF O.R.S. 209.155. 2.) TO SERVE AS A POST CONSTRUCTION SURVEY REQUIRED IN O.R.S. 209.155(2) (B). 3.) TO SERVE TO PROPAGATE THE CITY SURVEY CONTROL THAT ALSO CONFORMS WITHIN GEOGRAPHIC INFORMATION SYSTEM (G.I.S.) TOLERANCES FOR USE IN THE CITY OF MEDFORD LAND INFORMATION SYSTEM.

PROCEDURE: REALTIME KINEMATICS G.P.S. (TRIMBLE 4800/4700) WAS USED TO MEASURE STATE PLANE COORDINATES ON POINTS #251 & #252 (MULTIPLE MEASUREMENTS WERE OBSERVED). THE GRID BEARING FROM #251 TO #252 WAS USED AS BACKSIGHT. WITH A TRIMBLE S6 TOTAL STATION THE GROUND DISTANCE WAS MEASURED (AND COMPARED TO CALCULATED GROUND DISTANCE). THE GRID COORDINATE OF #252 WAS ADJUSTED TO A LOCAL GROUND COORDINATE. REDUNDANT TIES WERE THEN MADE TO FOUND MONUMENTS AND CONTROL POINTS USING THE S6.

SURVEY DATA:

BASIS OF BEARINGS:
 THE BASIS OF BEARINGS FOR THIS SURVEY IS THE OREGON STATE PLANE SYSTEM, SOUTH ZONE, NORTH AMERICAN DATUM (NAD)1983/1991, BASED LOCALLY (WITHIN THE CITY OF MEDFORD (COM)) ON GRID CONTROL STATIONS "#1, NORTHING= 252493.077 EASTING= 4274873.228"; "#3, NORTHING= 236943.307 EASTING= 4275688.091" AND "#5, NORTHING= 253978.084 EASTING= 4301764.731" AS SHOWN ON THE SURVEY FILED IN THE JACKSON COUNTY SURVEYOR'S OFFICE AS NUMBER 15965. NOTE: COORDINATES ARE SHOWN ON SURVEY NUMBER 15965 IN METRIC UNITS AND ARE CONVERTED TO INTERNATIONAL FEET AS SHOWN ABOVE, WHERE ONE FOOT EQUALS 0.3048 METERS EXACTLY. IF BEARINGS ARE SHOWN ON THE MAP THEN THEY ARE GRID, EXCEPT BEARINGS AND DISTANCES QUOTED FROM REFERENCE MAPS OR DEEDS WHICH ARE SHOWN PER THAT RECORD REFERENCE.

HORIZONTAL DATUM:
 THE HORIZONTAL COORDINATES ARE LOCAL GROUND COORDINATES (LGC) THAT ARE BASED ON THE OREGON STATE PLANE SYSTEM NAD83 (91). THE RELATIONSHIP BETWEEN THE LOCAL GROUND SYSTEM AND THE GRID SYSTEM IS AS FOLLOWS.

- BOTH SYSTEMS SHARE A COMMON BASE POINT, WHICH HAVE IDENTICAL GROUND AND GRID COORDINATES. FOR THIS PROJECT THE BASE POINT IS #251, NORTHING=259429.584, EASTING=4274729.114 THE COMBINATION SCALE FACTOR FOR THIS PROJECT BEING 0.999935
- STATE PLANE COORDINATES CAN BE COMPUTED FROM THE LOCAL GROUND COORDINATES BY: $NG = NB - [(NB - NL) * CF]$
 $EG = EB - [(EB - EL) * CF]$
 WHERE: NG, EG = GRID NORTHING, GRID EASTING
 NB, EB = BASE POINT NORTHING, BASE POINT EASTING
 NL, EL = LOCAL NORTHING, LOCAL EASTING
 CF = COMBINATION SCALE FACTOR

INVERSES COMPUTED FROM LGC WILL PRODUCE GRID BEARINGS AND GROUND DISTANCES. GRID DISTANCES CAN BE OBTAINED BY MULTIPLYING THE GROUND DISTANCE BY THE COMBINATION SCALE FACTOR.

LEGEND

- ◆ CITY OF MEDFORD CONTROL AS NOTED
- ▲ FOUND MONUMENTATION AS NOTED
- FOUND B.C. PER COUNTY RE-ESTABLISHMENT NOTES
- YPC YELLOW PLASTIC CAP
- RPC RED PLASTIC CAP
- R/C REBAR AND CAP
- LS LICENSED SURVEYOR
- BC BRASS CAP
- SN SURVEY NUMBER
- TKNLD TACK AND LEAD
- "LJFA" L.J. FRIAR & ASSOC.
- CALC CALCULATED
- FB FIELD BOOK
- B.C. BRASS CAP
- DLC DONATION LAND CLAIM
- LDP-07-034 COM PLANNING "LAND DEVELOPMENT PROJECT" SURVEY ONGOING
- COM CITY OF MEDFORD
- FND FOUND
- SUB SUBDIVISION

SCALE 1" = 100'



REGISTERED PROFESSIONAL LAND SURVEYOR
JMP 8/1/09
 OREGON
 JANUARY 9, 2007
 JON M. PROUD
 77652
 EXPIRES DECEMBER 31, 2010



CITY OF MEDFORD - SURVEYING DEPT.

DRAWN BY: SPM	DATE: 8-4-09	PROJECT NO. M-621
CHECKED BY: JP	DATE: 8-4-09	SHEET NO. 1 OF 1
NOTES:		