

**NARRATIVE**

THIS SURVEY IS BY THE REQUEST OF OREGON DEPARTMENT OF TRANSPORTATION (ODOT) FOR THE PROPOSED ROADWAY IMPROVEMENTS OF C STREET, BETWEEN EIGHTH STREET AND EUREKA STREET, AND EUREKA STREET, BETWEEN C STREET AND EMERICK STREET. THE PURPOSE OF THIS SURVEY IS AS FOLLOWS:

1. RESOLVE THE EXISTING RIGHT OF WAY OF C STREET, BETWEEN EIGHTH STREET AND EUREKA STREET, AND EUREKA STREET, BETWEEN C STREET AND EMERICK STREET.
2. PERPETUATE THE LOCATION OF EXISTING PROPERTY MONUMENTS, WHICH MAY BE DESTROYED DURING FUTURE CONSTRUCTION.
3. ESTABLISH A HORIZONTAL AND VERTICAL CONTROL NETWORK FOR FUTURE CONSTRUCTION.

THE COORDINATES SHOWN HEREON ARE BASED ON A LOCAL DATUM PLANE. THE COORDINATES AND BEARINGS ESTABLISHED ARE BASED ON NORTH AMERICAN DATUM (NAD 83/98), OREGON STATE PLANE, SOUTH ZONE 3602. HORIZONTAL UNITS ARE IN INTERNATIONAL FEET. GROUND COORDINATES WERE CALCULATED FROM THE ADJUSTED GRID COORDINATES USING A COMBINED SCALE FACTOR OF 1.0000489824. STREET STATIONING IS ASSUMED.

**G.P.S. CONTROL NETWORK:**

HORIZONTAL CONTROL IS BASED ON A GLOBAL POSITIONING SYSTEM (GPS) SURVEY AS SHOWN ON SHEET 4. BEARINGS ARE BASED ON OREGON STATE PLANE, SOUTH ZONE, GRID COORDINATES AND TIES TO NATIONAL GEODETIC SURVEY (NGS) HIGH ACCURACY REFERENCE NETWORK (HARN) STATIONS "ASH" AND "F 760".

**TERRESTRIAL HORIZONTAL CONTROL NETWORK:**

THE CONTROL POINTS AS SHOWN WERE ESTABLISHED BY HOLDING THE GPS CONTROL POINTS 1 AND 2. A LEICA TCA 1800 WAS USED TO TRAVERSE THROUGH CONTROL POINTS 1 THROUGH 6 AND THE NETWORK WAS ADJUSTED USING A LISCAD LEAST SQUARES ADJUSTMENT PROGRAM.

**TERRESTRIAL VERTICAL CONTROL NETWORK:**

ELEVATIONS OF CONTROL POINTS 1, 4, 5, & 6 WERE DETERMINED BY A CLOSED DIFFERENTIAL LEVEL LOOP FROM BENCH MARK #21 (ELEV 1932.364 NGVD 29/56 ADJUSTMENT, US SURVEY FEET). A CITY OF ASHLAND BRASS DISK IN THE TOP OF A CURB AT THE NORTHEAST CORNER OF EAST MAIN STREET AND 5TH STREET. THE BENCHMARK INFORMATION WAS PROVIDED BY JIM OLSON, CITY OF ASHLAND SURVEYOR.

**"B" STREET**

THE CENTERLINE OF "B" STREET WAS RE-ESTABLISHED BY HOLDING POINT NO 2 FOR THE CENTERLINE INTERSECTION POINT OF "B" STREET AND EMERICK STREET (STATION 1+00). I CALCULATE THE ANGLE POINT OF "B" STREET AT STATION 4+30.44, POINT NO 2 AND POINT NO 104 WERE HELD AND THE BEARING OF N 88° 27' 16" W, A RECORD DISTANCE OF 5.42 FEET PER SN 17680 WAS HELD. THE CENTERLINE INTERSECTION POINT OF "B" STREET AND EIGHTH STREET WAS RE-ESTABLISHED BY HOLDING A MID POINT (5.00) BETWEEN POINT NO 107 AND POINT NO 108 (STATION 6+33.05) PER SN 17680. (SEE DETAIL A).

**EIGHTH STREET**

THE CENTERLINE OF EIGHTH STREET BETWEEN "B" AND "C" STREET WAS RE-ESTABLISHED BY HOLDING THE ABOVE MENTION MID POINT BETWEEN POINT NO 107 AND POINT NO 108, (STATION 1+00). FOR EIGHTH STREET AND POINT NO 4 WAS AT CENTERLINE INTERSECTION POINT OF EIGHTH STREET AND "C" STREET (STATION 5+70.25). TO RE-ESTABLISH THE CENTERLINE INTERSECTION OF EIGHTH STREET BETWEEN "C" STREET EAST MAIN STREET POINT NO 4 AND POINT NO 129 WERE HELD AND POINT NO 130 AND POINT NO 128 WERE HELD PER SN 18902. A BEARING-BEARING INTERSECTION WAS CALCULATED UTILIZING THE ABOVE MENTION POINTS. SEE DETAIL B.

**EUREKA STREET**

THE CENTERLINE OF EUREKA STREET WAS RE-ESTABLISHED BY HOLDING POINT NO 1 AS THE CENTERLINE INTERSECTION OF EUREKA STREET AND EMERICK STREET (STATION 1+00) AND A POINT ON THE WEST LINE OF D.L.C. NO 43 THAT BEARS S 01° 37' 31" W, A DISTANCE OF 24.66 FEET FROM POINT NO 122, PER SN 18305.

**EUREKA STREET NORTH- SOUTH PORTION**

THE CENTERLINE WAS ESTABLISHED BY HOLDING A PARALLEL LINE 15.00 FEET EAST OF THE EAST LINE OF D.L.C. 42 FROM THE CENTERLINE OF THE EAST-WEST PORTION OF EUREKA STREET AND THE EXTENDED CENTERLINE OF C STREET.

**EMERICK STREET**

THE CENTERLINE OF EMERICK STREET WAS RE-ESTABLISHED BY HOLDING THE FORE MENTIONED POINT NO 2 (STATION 1+00) AND POINT NO 1 (STATION 4+30.10). TO CALCULATE THE ANGLE POINT OF EMERICK STREET (STATION 4+55.10), I HELD BEARING OF S 01° 43' 06" W, A DISTANCE OF 25.00 FEET FROM POINT NO 1, PER SN 8486. SEE DETAIL C. TO CALCULATE THE CENTERLINE INTERSECTION POINT OF EMERICK STREET AND EAST MAIN STREET (STATION 7+60.15) I HELD THE RECORD DISTANCE OF 305.05 SOUTHERLY OF THE ABOVE MENTIONED ANGLE POINT (STATION 4+55.10) AND THE RECORD DISTANCE OF 329.77 FEET EASTERLY OF POINT NO 130, PER SN 14066.

**PRECONSTRUCTION RECORD OF SURVEY**  
FOR  
**OREGON DEPARTMENT OF TRANSPORTATION**  
**ASHLAND STREET PAVING C STREET AND EUREKA STREETS**  
SITUATED IN DONATION LAND CLAIMS NO. 42 & 43; NORTHEAST ONE-QUARTER OF SECTION 9, TOWNSHIP 39 SOUTH, RANGE 1 EAST, WILLAMETTE MERIDIAN  
**CITY OF ASHLAND, JACKSON COUNTY, OREGON**

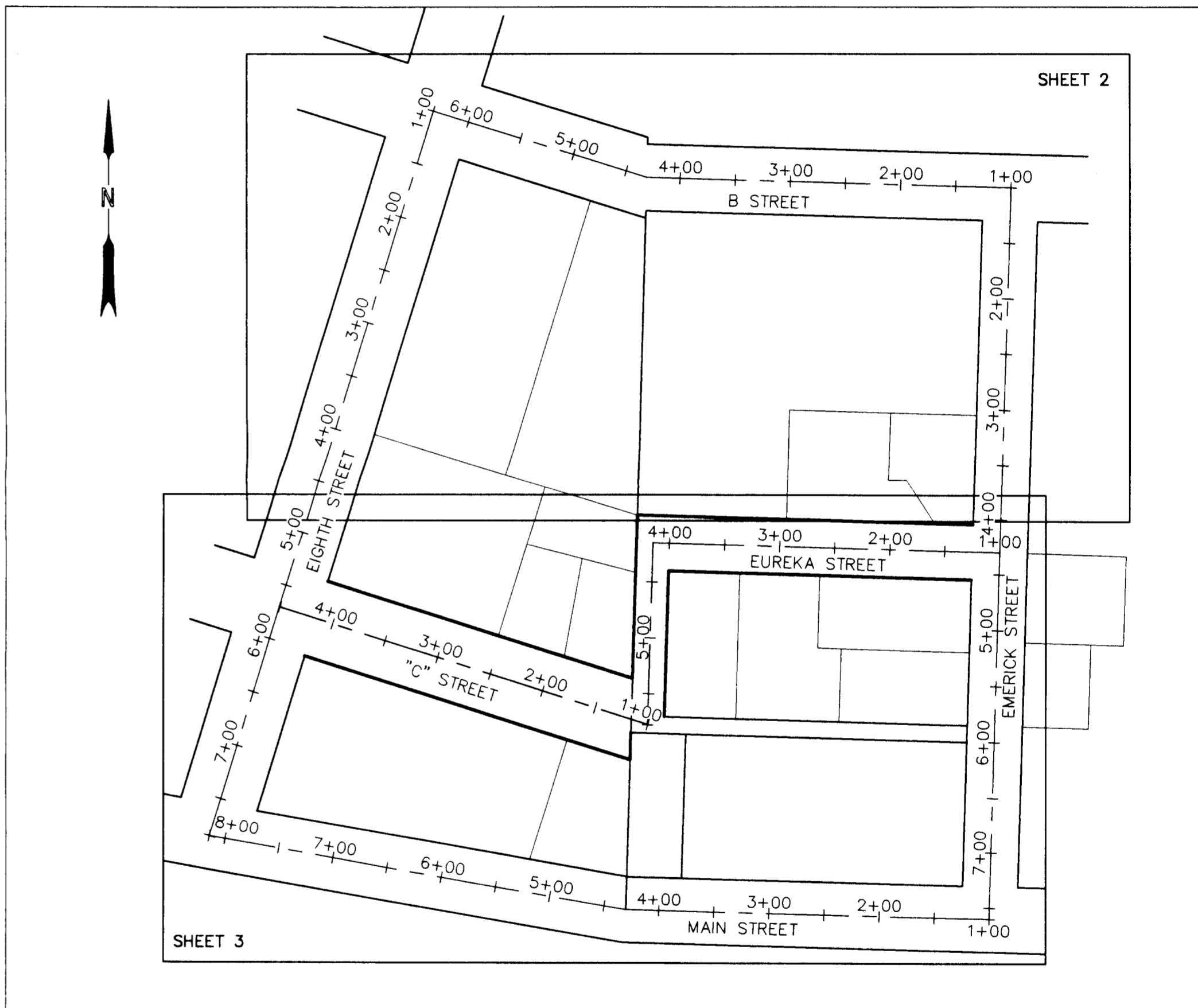
MARCH 5, 2007



**DAVID EVANS AND ASSOCIATES INC.**  
2100 Southwest River Parkway  
Portland Oregon 97201  
Phone: 503.223.6663

**SHEET INDEX**

- SHEET 1 . . . . . SHEET LAYOUT, SHEET INDEX NARRATIVE, TERRESTRIAL
- SHEET 2 - 3 . . . . . CONTROL NETWORK, PLAN SHEETS, AND LEGENDS
- SHEET 4 . . . . . MONUMENT TABLE



**"C" STREET**

THE CENTERLINE OF C STREET WAS RE-ESTABLISHED HOLDING THE FORE MENTIONED POINT NO 4, (STATION 1+00), AND A POINT ON THE WEST LINE OF D.L.C. NO 43 THAT BEARS N 01° 37' 31" E, A DISTANCE OF 12.15 FEET FROM THE SOUTHWEST CORNER OF OF SAID D.L.C. NO 43, (POINT NO 113) PER SN17680.

**MAIN STREET**

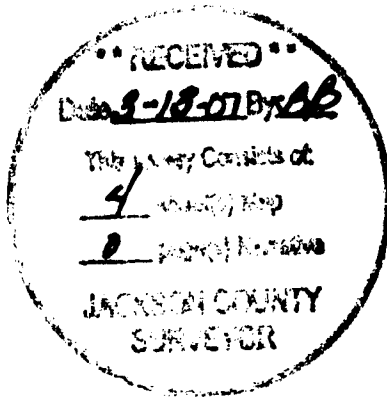
THE CENTERLINE OF EAST MAIN STREET BETWEEN EIGHTH STREET AND EMERICK STREET WAS RE-ESTABLISHED BY HOLDING THE ABOVE MENTIONED INTERSECTION POINT OF EAST MAIN STREET AND EMERICK STREET (STATION 1+00 ) AND POINT NO 130 FOR THE ANGLE POINT (STATION 4+29.77, SOUTHWEST CORNER D.L.C. NO 43) . POINT NO 130 AND POINT NO 128 WERE HELD AS MENTIONED IN THE EIGHTH STREET RESOLUTION. SEE DETAIL C THIS SURVEY.

RECORD RIGHT-OF-WAY WIDTHS OF ALL STREETS WERE HELD AND SHOWN HEREON.



*Robert R. Jackson*  
**ROBERT R. JACKSON**  
47721  
RENEWAL 6/30/07

PROJECT NUMBER: ODOT 0000-0576  
DRAWING FILE: SVRS0010001576



- LEGEND**
- FOUND MONUMENT (SEE MONUMENT TABLE)
  - ▲ CONTROL MONUMENT (SEE SHEET 2)
  - EXISTING CENTERLINE
  - ==== PROPERTY LINE
  - ==== RIGHT-OF-WAY WITHIN PROPOSED CONSTRUCTION LIMITS
  - CR COUNTY ROAD
  - D.L.C. DONATION LAND CLAIM
  - FD FOUND
  - IP IRON PIPE
  - IR IRON ROD
  - PG PAGE
  - SN SURVEY NUMBER
  - W/ WITH
  - YPC YELLOW PLASTIC CAP
  - (R2) RECORD DATA



**NOTE**  
SEE SHEET 4 FOR MONUMENT TABLE

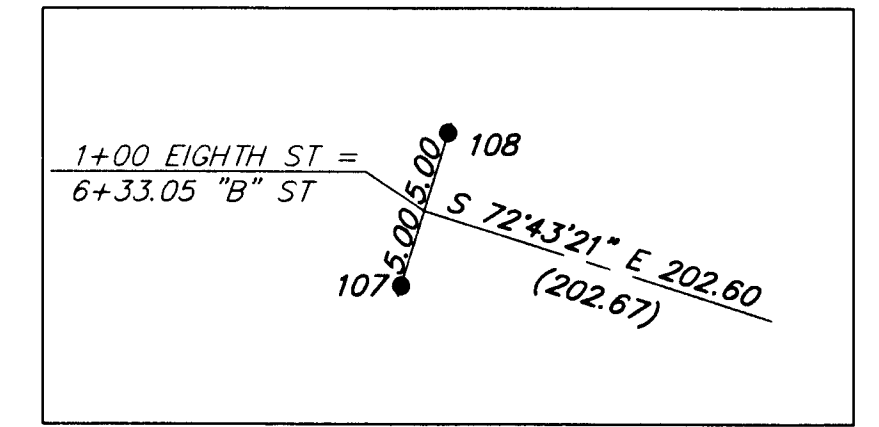
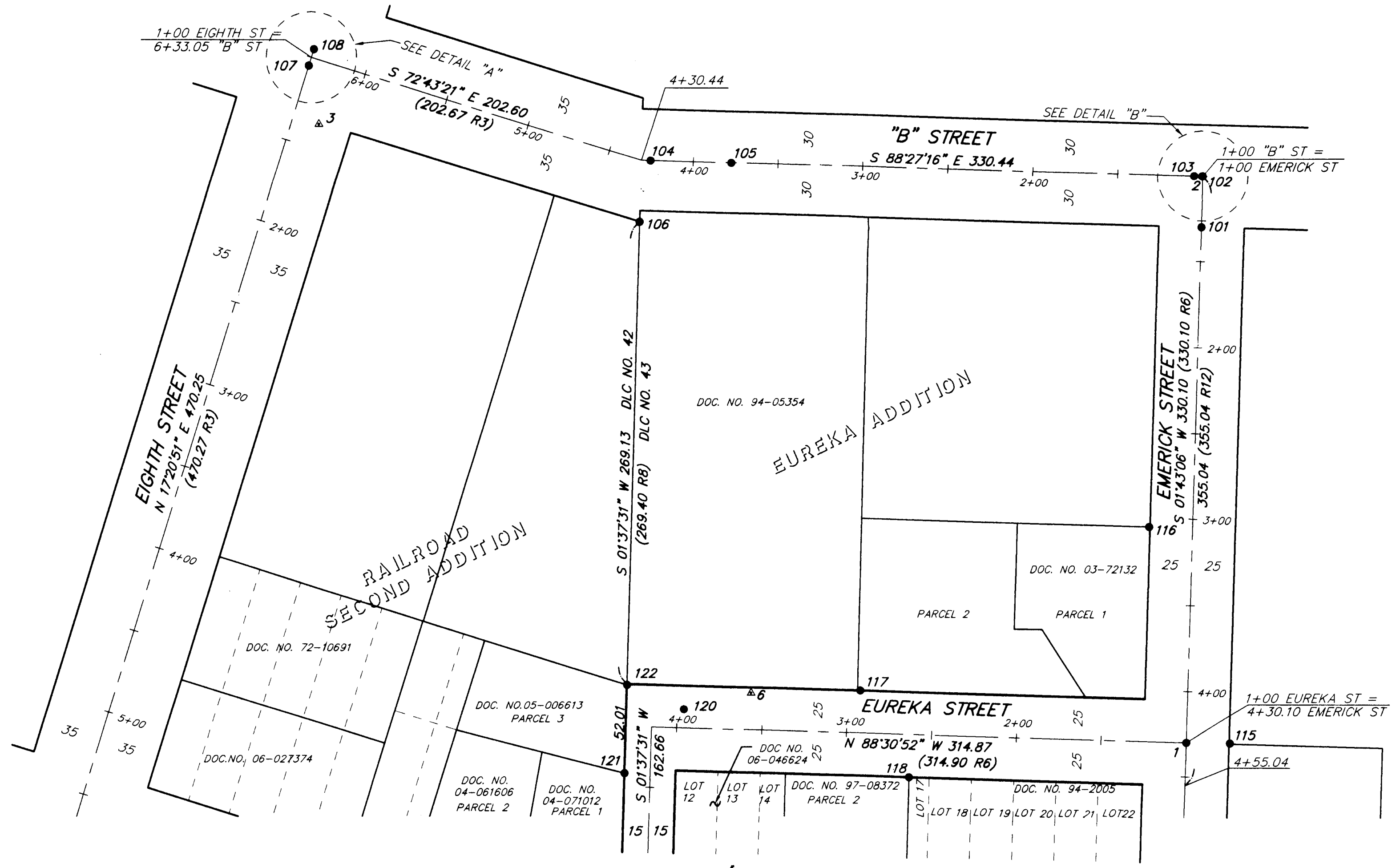
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FOR  
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**ASHLAND STREET PAVING C STREET AND EUREKA STREETS**  
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CITY OF ASHLAND, JACKSON COUNTY, OREGON

MARCH 5, 2007 SCALE: 1" = 50'  
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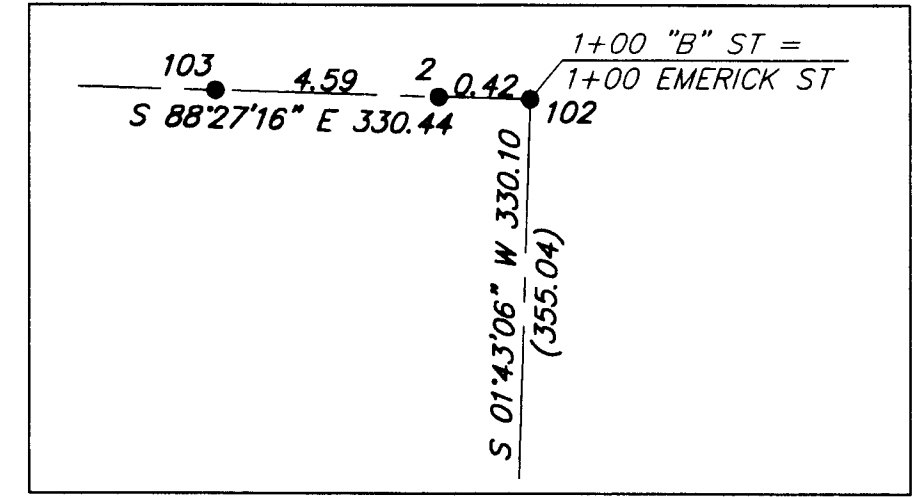


**REFERENCE TABLE**

REF. NO.	SURVEYS	PLATS
R1	SN 18305	EUREKA ADDITION
R2	SN 16977	RAILROAD SECOND ADDITION
R3	SN 17680	
R4	SN 16731	
R5	SN 15693	
R6	SN 14066	
R7	SN 13817	
R8	SN 18910	
R9	SN 18902	
R10	SN 14013	
R11	SN 8858	
R12	SN 8486	
R13	SN 3622	
R14	SN 8660	



**DETAIL "A"**  
NOT TO SCALE



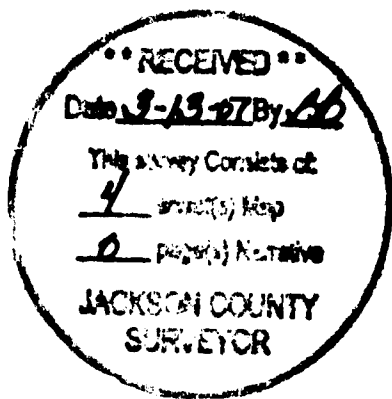
**DETAIL "B"**  
NOT TO SCALE

**REGISTERED PROFESSIONAL LAND SURVEYOR**  
*Robert R. Jackson*  
**OREGON**  
JANUARY 10, 2006  
**ROBERT R. JACKSON**  
47721

RENEWAL 6/30/07

DRAWING FILE: SVRS0020D01576 PROJECT NUMBER: ODOT 0000-0576

SEE SHEET 3



# PRECONSTRUCTION RECORD OF SURVEY

FOR  
**OREGON DEPARTMENT OF TRANSPORTATION**  
**ASLAND STREET PAVING C STREET AND EUREKA STREETS**  
 SITUATED IN DONATION LAND CLAIMS NO. 42 & 43; NORTHEAST ONE-QUARTER OF  
 SECTION 9, TOWNSHIP 39 SOUTH, RANGE 1 EAST, WILLAMETTE MERIDIAN  
 CITY OF ASHLAND, JACKSON COUNTY, OREGON

MARCH 5, 2007      SCALE: 1" = 50'



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### LEGEND

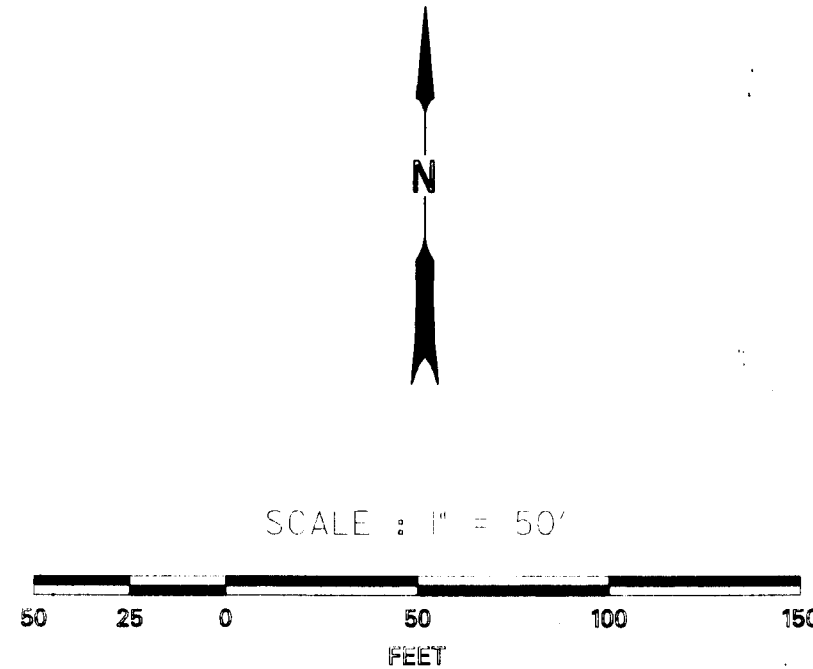
- FOUND MONUMENT (SEE MONUMENT TABLE)
- ▲ CONTROL MONUMENT (SEE SHEET 2)
- EXISTING CENTERLINE
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- RIGHT-OF-WAY WITHIN PROPOSED CONSTRUCTION LIMITS
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- YPC YELLOW PLASTIC CAP
- (R2) RECORD DATA

### NOTE

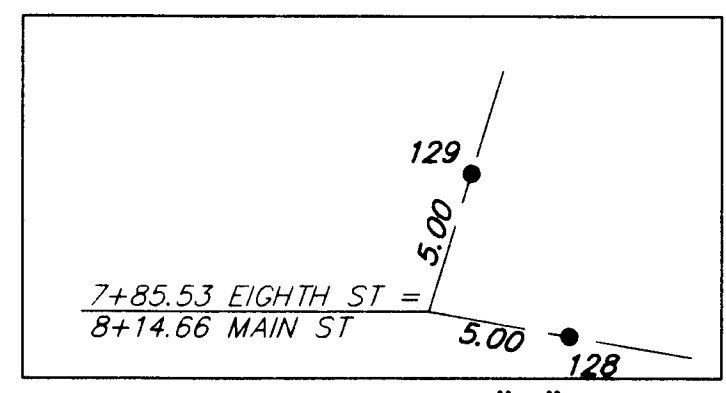
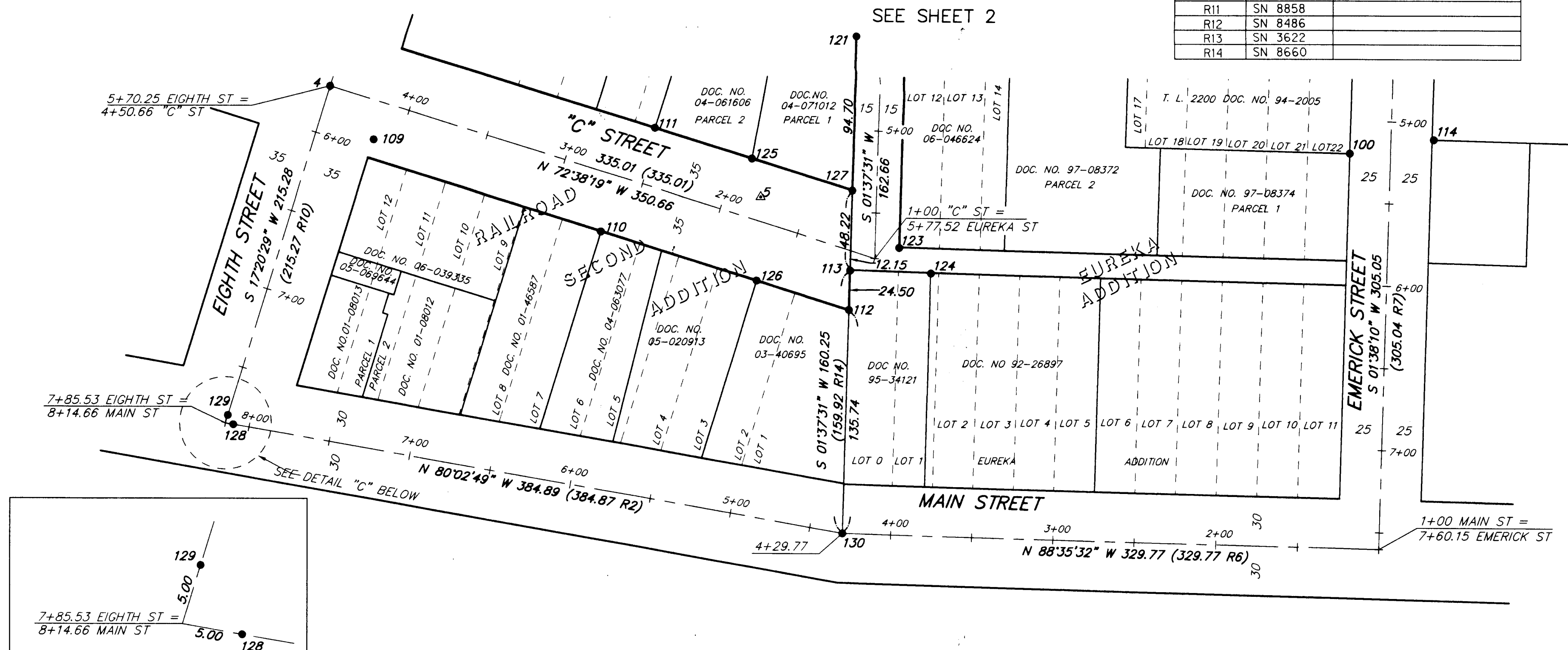
SEE SHEET 4 FOR MONUMENT TABLE

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R9	SN 18902	
R10	SN 14013	
R11	SN 8858	
R12	SN 8486	
R13	SN 3622	
R14	SN 8660	



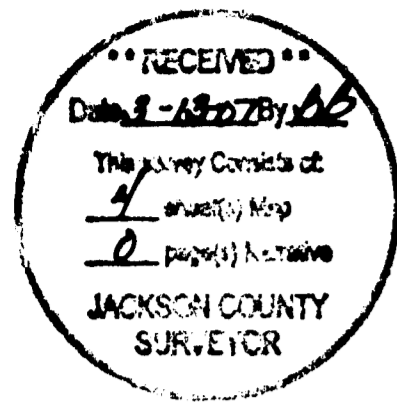
SEE SHEET 2



**DETAIL "C"**  
NOT TO SCALE

**REGISTERED  
PROFESSIONAL  
LAND SURVEYOR**  
  
**OREGON**  
 JANUARY 10, 2006  
**ROBERT R. JACKSON**  
 47721  
 RENEWAL 6/30/07

PROJECT NUMBER: ODOT 0000-0576  
DRAWING FILE: SVRS0030D01576



CONTROL MONUMENT TABLE (LOCAL DATUM COORDINATES)

PT. NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	200336.90	4325224.38	1895.54	SET 3" BC IN MON BOX
2	200666.90	4325233.89	1885.13	FD R.R. SPIKE / PUNCH
3	200697.31	4324714.93	1891.13	SET MAG NAIL W/SHINNER
4	200287.11	4324570.32	1904.79	FD 3" BC IN MON BOX
5	200219.41	4324834.60	1904.68	SET 1/2" IR W/RPC "DEA CONTROL"
6	200365.39	4324968.19	1898.85	FD 1/2" IR W/RPC "DEA CONTROL"

PRECONSTRUCTION RECORD OF SURVEY

FOR

OREGON DEPARTMENT OF TRANSPORTATION  
ASHLAND STREET PAVING C STREET AND EUREKA STREETS

SITUATED IN DONATION LAND CLAIMS NO. 42 & 43; NORTHEAST ONE-QUARTER OF SECTION 9, TOWNSHIP 39 SOUTH, RANGE 1 EAST, WILLAMETTE MERIDIAN

CITY OF ASHLAND, JACKSON COUNTY, OREGON

MARCH 5, 2007

SCALE: NOT TO SCALE



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MONUMENT TABLE B STREET (LOCAL DATUM COORDINATES)

PT. NO.	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION	REFERENCE
2	200666.90	4325233.89	1+00.42	0.00	FD R.R. SPIKE / PUNCH	ORIGIN UNKNOWN
102	200666.88	4325234.32	1+00.00	0.00	FD R.R. SPIKE / PUNCH	ORIGIN UNKNOWN
103	200667.00	4325229.31	1+05.02	-0.02	FD R.R. SPIKE / PUNCH	ORIGIN UNKNOWN
104	200675.65	4324909.41	4+25.02	0.00	FD 3" BC IN MON BOX	SN 18910
105	200674.38	4324956.84	3+77.58	0.01	FD 2-1/2" BC IN MON BOX	ORIGIN UNKNOWN
106	200639.36	4324902.96	4+30.44	36.45	FD 5/8" I.R. W/OPC "KAMPMANN PLS 2883"	SN 18910
108	200740.75	4324712.03	6+33.04	5.01	FD 3" BC IN MON BOX "1993"	SN 17680

MONUMENT TABLE EMERICK STREET (LOCAL DATUM COORDINATES)

PT. NO.	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION	REFERENCE
1	200336.90	4325224.38	4+30.10	0.00	SET 3" BC IN MON BOX	SN 18305
100	200247.64	4325196.74	5+20.12	25.04	FD 5/8" IR W/RPC "D.HUCK LS 2023"	SN 14066
101	200636.87	4325233.40	1+29.99	-0.02	FD R.R. SPIKE / PUNCH	ORIGIN UNKNOWN
114	200256.15	4325248.19	5+10.13	-26.15	FD 5/8" IR W/RPC "D.A. EDWARDS L.S. 2339"	SN 13817
115	200336.17	4325249.48	4+30.08	-25.11	FD 5/8" IR W/RPC "D.A. EDWARDS L.S. 2339"	SN 13817
116	200462.49	4325202.68	3+05.22	25.45	FD 5/8" IR "WIT. COR. RLS 759"	SN 8486

MONUMENT TABLE EUREKA STREET (LOCAL DATUM COORDINATES)

PT. NO.	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION	REFERENCE
6	200365.39	4324968.19	3+56.84	21.84	FD 1/2" IR W/RPC "DEA CONTROL"	SET
117	200366.90	4325032.70	2+92.39	25.02	FD 5/8" IR W/RPC "D.HUCK LS 2023"	SN 8486
118	200316.17	4325061.21	2+62.57	-24.94	FD 5/8" IR W/ 2-1/2" BRASS CAP "INITIAL POINT LS 2023"	SN 15693
120	200355.71	4324928.68	3+96.08	11.14	FD 5/8" IR W/ NO CAP	ORIGIN UNKNOWN
121	200318.15	4324893.88	4+42.22	14.96	FD 5/8" W/OPC "KAMPMANN PLS 2883"	SN 18305
122	200370.10	4324895.38	4+29.81	-24.67	FD 2-1/2" ALUM CAP "POLARIS LAND SURVEYING KAMPMANN PLS2883"	SN 18910
123	200189.14	4324920.00	5+70.44	-14.80	FD 5/8" IR W/ NO CAP	SN 3622
124	200173.68	4324939.71	5+85.11	-34.95	FD 1/2" IP BENT	ORIGIN UNKNOWN
127	200223.44	4324891.18	5+36.96	14.98	FD IR	SN 16977

MONUMENT TABLE EIGHTH STREET (LOCAL DATUM COORDINATES)

PT. NO.	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION	REFERENCE
3	200697.31	4324714.93	1+35.59	-15.73	SET MAG NAIL W/SHINNER	SET
4	200287.11	4324570.32	5+70.25	0.00	FD 3" BC IN MON BOX	SN 17680
107	200731.20	4324709.04	1+05.00	0.00	FD 3" BC IN MON BOX "1993"	ORIGIN UNKNOWN
109	200254.34	4324596.95	5+93.59	-35.19	FD 5/8" I.R. W/NO CAP	SN 18902
128	200080.75	4324511.08	7+84.89	-4.96	FD 3" BC IN MON BOX	SN 18902
129	200086.40	4324507.65	7+80.52	0.00	FD 3" BC IN MON BOX	SN 18902

MONUMENT TABLE C STREET (LOCAL DATUM COORDINATES)

PT. NO.	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION	REFERENCE
4	200287.11	4324570.32	4+50.66	0.00	FD 3" BC IN MON BOX	SN 18902
5	200219.41	4324834.60	1+78.22	14.25	SET 1/2" IR W/RPC "DEA CONTROL"	SET
109	200254.34	4324596.95	4+15.46	-23.32	FD 5/8" IR W/ NO CAP	ORIGIN UNKNOWN
110	200198.35	4324736.25	2+65.80	-35.20	FD 1/2" IP	ORIGIN UNKNOWN
111	200261.52	4324769.56	2+52.85	35.03	FD 5/8" W/OPC "KAMPMANN PLS 2883"	SN 18305
112	200150.92	4324889.14	1+05.72	-34.85	FD 5/8" IR W/ NO CAP	SN 16977
113	200174.97	4324889.82	1+12.25	-11.69	FD 2-1/2" BC "DLC COR. SE 42.C.S."	SN 16977
125	200242.81	4324829.34	1+90.22	35.00	FD 5/8" W/OPC "KAMPMANN PLS 2883"	SN 18305
126	200168.72	4324832.06	1+65.51	-34.89	FD 5/8" IR W/YPC "ALSPACH PLS 2653"	SN 16977
127	200223.44	4324891.18	1+25.42	34.97	FD 5/8" W/OPC "KAMPMANN PLS 2883"	SN 16977

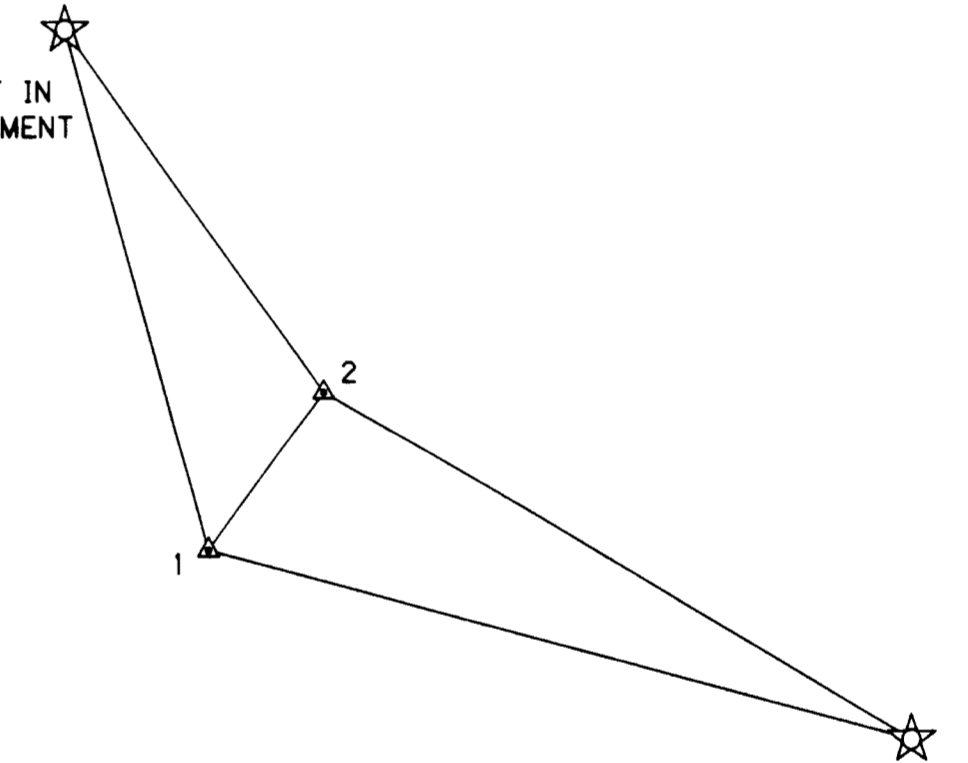
MONUMENT TABLE MAIN STREET (LOCAL DATUM COORDINATES)

PT. NO.	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION	REFERENCE
128	200080.75	4324511.08	8+09.66	0.00	FD 3" BC IN MON BOX	SN 18902
129	200086.40	4324507.65	8+14.01	4.97	FD 3" BC IN MON BOX	SN 18902
130	200015.09	4324885.25	4+29.77	0.00	FD 3" BC IN MON BOX	SN 18902

GPS CONTROL MONUMENT TABLE (GRID COORDINATES)

PT. NO.	NORTHING	EASTING	REFERENCE
ASH	207963.199	4323435.400	NGS, HELD
F 760	180622.448	4345055.007	NGS
1	200327.089	4325012.526	ADJUSTED
2	200657.068	4325022.045	ADJUSTED

ASH  
FOUND SURVEY DISK SET IN  
TOP OF CONCRETE MONUMENT  
STAMPED "ASH 1989"



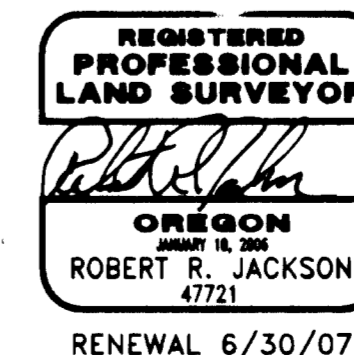
F760  
FOUND VERTICAL CONTROL DISK  
SET IN ROCK OUTCROP STAMPED  
"F 760 1988"

GPS CONTROL NETWORK

NOT TO SCALE

LEGEND

- FOUND MONUMENT (SEE MONUMENT TABLE)
- ▲ CONTROL MONUMENT (SEE SHEET 2)
- EXISTING CENTERLINE
- PROPERTY LINE
- RIGHT-OF-WAY WITHIN PROPOSED CONSTRUCTION LIMITS
- CR COUNTY ROAD
- D.L.C. DONATION LAND CLAIM
- FD FOUND
- IP IRON PIPE
- IR IRON ROD
- PG PAGE
- SN SURVEY NUMBER
- W/ WITH
- YPC YELLOW PLASTIC CAP
- (R2) RECORD DATA



DRAWING FILE: SVR500+0001576 PROJECT NUMBER: 000T-0000-0576