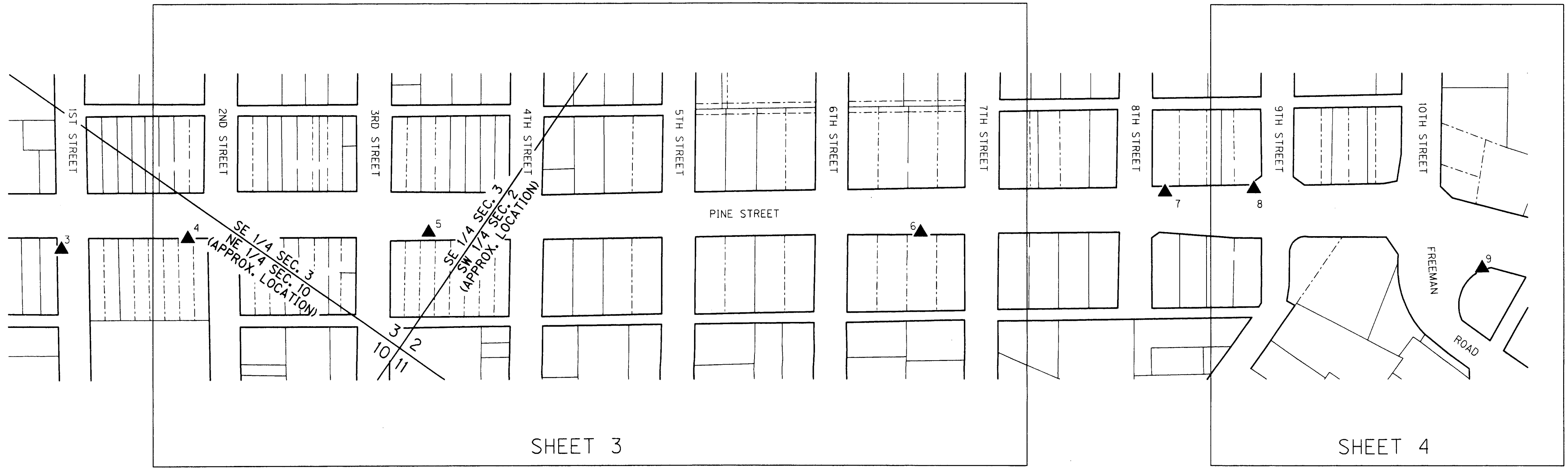


SHEET INDEX

1. NARRATIVE, REFERENCES, SHEET LAYOUT, AND SHEET INDEX
2. CONTROL NARRATIVE, CONTROL NETWORK, AND BASIS OF BEARING
- 3.&4. RECOVERY SURVEY

SW 1/4 SEC 2 T37S R2W WM
 SE 1/4 SEC 3 T37S R2W WM
 NE 1/4 SEC 10 T37S R2W WM

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



NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO PERPETUATE THE POSITIONS OF THE SURVEY MONUMENTS OF RECORD LOCATED WITHIN THE PAVED AREA OF PINE STREET BETWEEN 1ST STREET AND 10TH STREET IN THE CITY OF CENTRAL POINT. THIS WAS ACCOMPLISHED BY TYING THE FOUND MONUMENTS TO THE PROJECT CONTROL NETWORK AND ALSO BY SETTING REFERENCE POINTS TO SAID MONUMENTS.

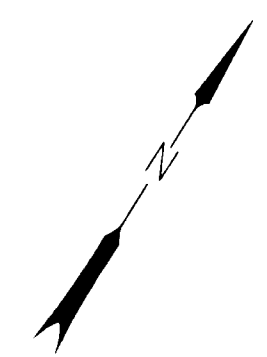
THIS SURVEY MEETS THE REQUIREMENTS FOR A RECOVERY SURVEY AS OUTLINED IN THE OREGON REVISED STATUTES, CHAPTER 209.155(1)(a)(b).

THE 3" BRASS DISKS AS SHOWN ON COUNTY SURVEY NO. 20201 TO HAVE BEEN SET AT THE INTERSECTIONS OF 6TH AND 7TH STREETS WITH PINE STREET WERE FOUND TO BE RAILROAD SPIKES IN CONCRETE.

THIS SURVEY WAS MADE AT THE REQUEST OF THE CITY OF CENTRAL POINT AND THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT) FOR AN UPCOMING ROADWAY IMPROVEMENT PROJECT. THIS SURVEY WAS PERFORMED IN MARCH AND APRIL OF 2010. THE SURVEY EQUIPMENT CONSISTED OF ONE TRIMBLE 5700 GPS RECEIVER, TWO TRIMBLE R8 GPS RECEIVERS, ONE TRIMBLE S6 ROBOTIC TOTAL STATION AND TWO TRIMBLE TSC2 DATA COLLECTORS.

REFERENCES USED

1. CS 10892, BY VERNON C. NEISWANGER, DATED APRIL 6, 1987
2. CS 13985, BY WILLIAM E. EDMUNSON, DATED APRIL 26, 1994
3. CS 20201, BY KERRY K. BRADSHAW, DATED OCTOBER 24, 2008



SHEET LAYOUT DIAGRAM
 NOT TO SCALE

| LEGEND | |
|--------|-------------------|
| | SET NETWORK POINT |

REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

A. Cutsforth
 OREGON
 JULY 12, 2005
 ARON J. CUTSFORTH
 65696
 RENEWAL: DEC. 31, 2011

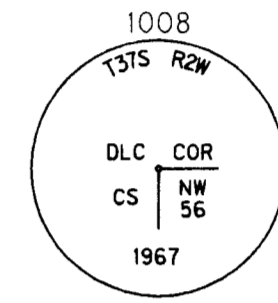
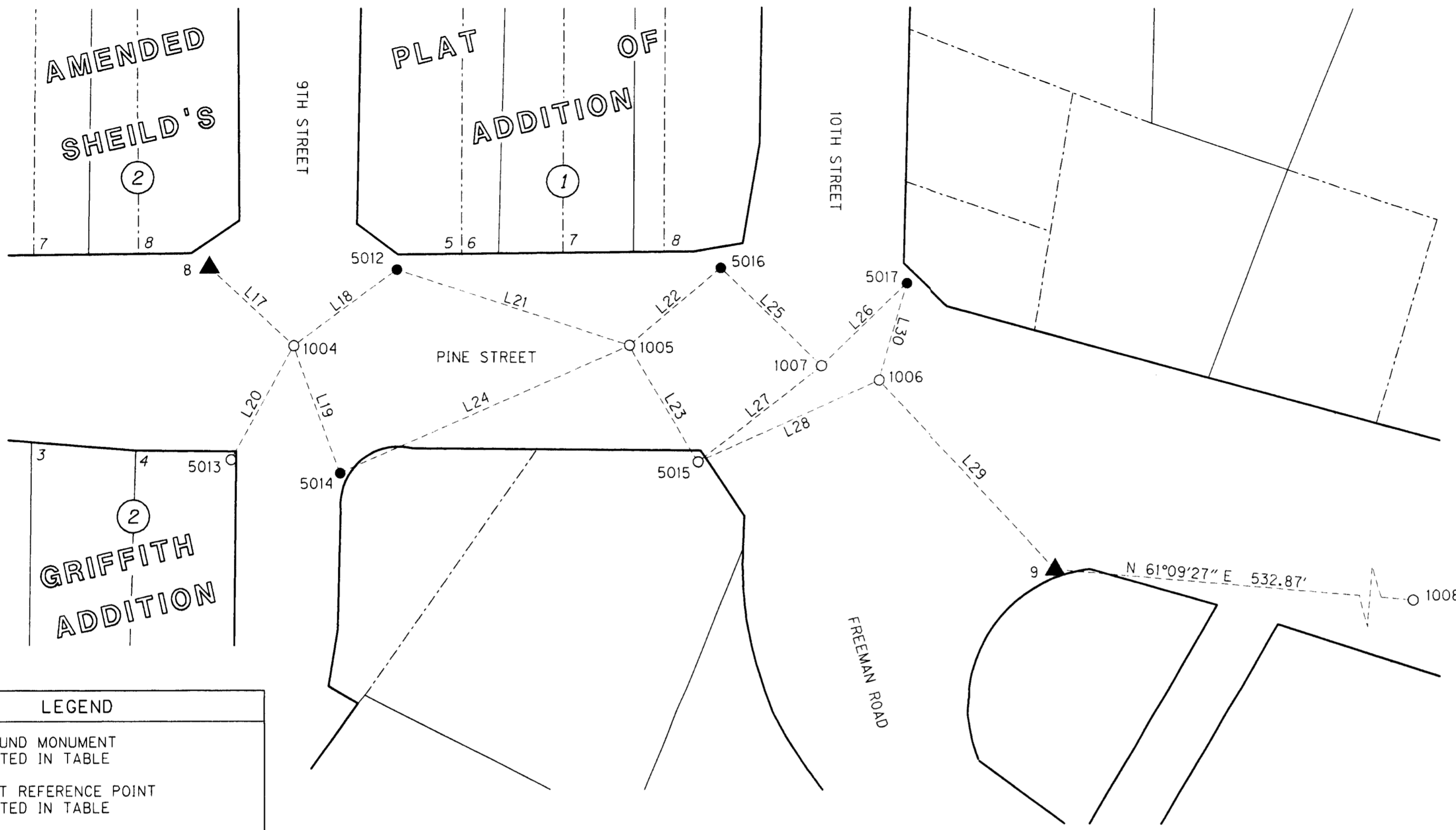
FILE NAME: 16567ret.dgn
OBEC CONSULTING ENGINEERS
 Corporate Office: 920 COUNTRY CLUB ROAD, SUITE 100B EUGENE, OREGON 97401-6089, 541-683-6090
 2235 MISSION STREET SE, SUITE 100 SALEM, OREGON 97302-1295, 503-589-4100
 831 O'HARE PARKWAY MEDFORD, OREGON 97504-4005, 541-774-5590
 5005 SW MEADOWS ROAD, SUITE 120 LAKE OSWEGO, OREGON 97035, 503-620-6103

OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL AND RECOVERY SURVEY
 PINE STREET: 1ST STREET TO 6TH STREET
 CITY OF CENTRAL POINT
 JACKSON COUNTY, OREGON

ODOT REGION 3
 100 ANTELOPE ROAD
 WHITE CITY, OR 97503
 APRIL 2010
 NO SCALE
 SHEET 1 OF 4
 KEY NO. 16567

| | | | |
|--------------|---------------|------------------------|----------------------|
| J. COLTON | OBEC | DESIGNED: A. CUTSFORTH | PROJ. NO. 019-084.47 |
| APPROVED BY: | GROUP MANAGER | DRAWN: A. CUTSFORTH | CHK'D: B. ELITHORP |

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 DATE 4-30-10 BY BB
 This survey consists of:
 4 sheet(s) Map
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 JACKSON COUNTY SURVEYOR



LEGEND

- FOUND MONUMENT NOTED IN TABLE
- SET REFERENCE POINT NOTED IN TABLE
- ▲ SET NETWORK POINT USED AS REFERENCE POINT (SEE TABLE ON SHEET 2)
- APPROXIMATE RIGHT-OF-WAY LINE
- APPROXIMATE PROPERTY LINE

LINE TABLE

| LINE NO. | BEARING | DISTANCE |
|----------|---------------|----------|
| L17 | S 80°56'55" E | 56.64' |
| L18 | S 20°23'51" W | 63.06' |
| L19 | N 53°45'09" W | 66.64' |
| L20 | N 04°34'26" W | 63.95' |
| L21 | N 74°23'01" E | 120.77' |
| L22 | S 16°31'27" W | 58.89' |
| L23 | N 64°21'33" W | 66.53' |
| L24 | N 32°50'06" E | 155.93' |
| L25 | S 79°48'14" E | 69.20' |
| L26 | S 12°56'20" W | 58.50' |
| L27 | N 18°49'13" E | 77.12' |
| L28 | N 32°22'35" E | 98.23' |
| L29 | N 77°05'02" W | 127.55' |
| L30 | S 17°15'30" E | 49.28' |

REFERENCE POINT TABLE

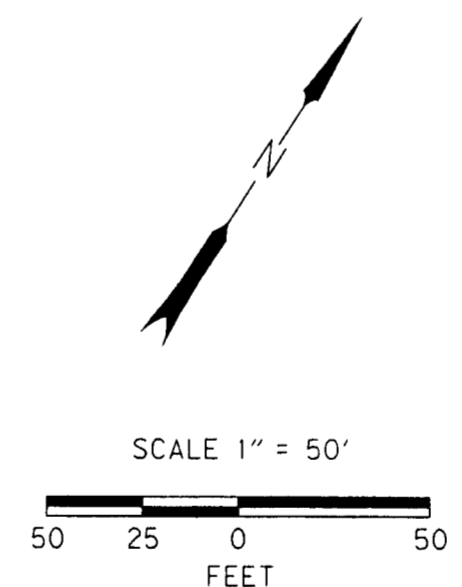
| PT. NO. | LDP NORTHING | LDP EASTING | DATE | DESCRIPTION |
|---------|--------------|-------------|----------|--|
| 5012 | 268623.56 | 4270400.57 | 03/11/10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 5013 | 268500.70 | 4270383.69 | 03/11/10 | FD 1-1/2" ALUMINUM CAP STAMPED "OREGON DEPT. OF TRANS.", FLUSH W/ SIDEWALK, PER CS 13985 |
| 5014 | 268525.05 | 4270432.33 | 03/11/10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 5015 | 268627.28 | 4270576.86 | 03/11/10 | FD 1-1/2" ALUMINUM CAP STAMPED "OREGON STATE HWY. DIV.", FLUSH W/ SIDEWALK, PER CS 13985 |
| 5016 | 268712.53 | 4270533.63 | 03/11/10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 5017 | 268757.30 | 4270614.84 | 03/11/10 | SET 1" BRASS PLUG STAMPED "OBEC" |

FD = FOUND
 CS = COUNTY SLRVEY

RECOVERED MONUMENT LIST

| PT. NO. | LDP NORTHING | LDP EASTING | DATE | DESCRIPTION & REFERENCE DOCUMENTS |
|---------|--------------|-------------|----------|---|
| 1004 | 268564.45 | 4270378.59 | 03/11/10 | FD 3" BRASS DISK STAMPED "OREGON STATE HIGHWAY DIV., REFERENCE, DO NOT DISTURB", FLUSH W/ ASPHALT, PER CS 13985 |
| 1005 | 268656.07 | 4270516.88 | 03/11/10 | FD 3" BRASS DISK STAMPED "OREGON STATE HIGHWAY DIV., REFERENCE, DO NOT DISTURB", FLUSH W/ ASPHALT, PER CS 13985 |
| 1006 | 268710.24 | 4270629.46 | 03/11/10 | FD 3" BRASS DISK STAMPED "OREGON STATE HIGHWAY DIV., REFERENCE, DO NOT DISTURB", FLUSH W/ ASPHALT, PER CS 13985 |
| 1007 | 268700.28 | 4270601.74 | 03/11/10 | FD 3" BRASS DISK STAMPED "OREGON STATE HIGHWAY DIV., REFERENCE, DO NOT DISTURB", FLUSH W/ ASPHALT, PER CS 13985 |
| 1008 | 268938.79 | 4271220.55 | 03/11/10 | FD 2-1/2" BRASS CAP STAMPED "T37S R2W, DLC COR, NW 56, CS 1967", DOWN 0.3', PER JCCRR |

FD = FOUND
 CS = COUNTY SURVEY
 JCCRR = JACKSON COUNTY CORNER RE-ESTABLISHMENT RECORDS



REGISTERED PROFESSIONAL LAND SURVEYOR
 ARON J. CUTSFORTH
 OREGON JULY 12, 2005
 65696
 RENEWAL: DEC. 31, 2011

OBEC CONSULTING ENGINEERS
 Corporate Office: 920 COUNTRY CLUB ROAD, SUITE 100B EUGENE, OREGON 97401-6089, 541-683-6090
 2235 MISSION STREET SE, SUITE 100 SALEM, OREGON 97302-1295, 503-589-4100
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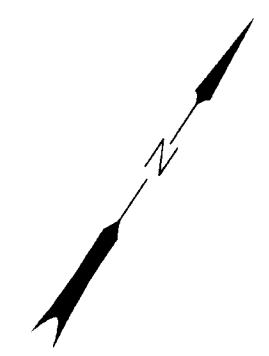
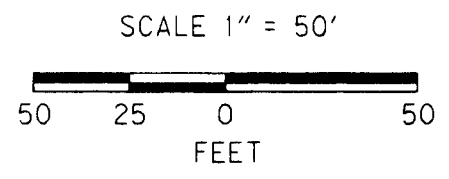
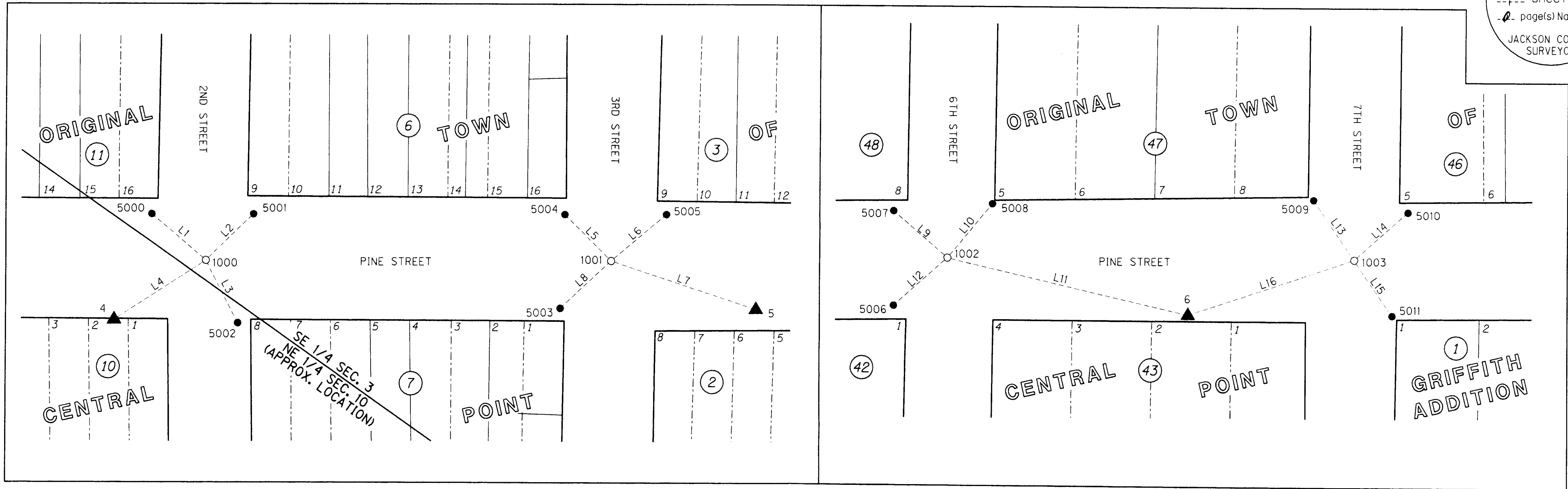
OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL AND RECOVERY SURVEY
 PINE STREET: 1ST STREET TO 6TH STREET
 CITY OF CENTRAL POINT
 JACKSON COUNTY, OREGON

ODOT REGION 3
 100 ANTELOPE ROAD
 WHITE CITY, OR 97503
 APRIL 2010
 SCALE 1" = 50'
 SHEET 4 OF 4

DESIGNED: A. CUTSFORTH
 DRAWN: A. CUTSFORTH
 PROJ. NO. 019-084.47
 KEY NO. 16567
 CHK'D: B. ELITHORP

SW 1/4 SEC 2 T37S R2W WM
 SE 1/4 SEC 3 T37S R2W WM
 NE 1/4 SEC 10 T37S R2W WM

**** RECEIVED ****
 DATE 4-30-10 BY *BL*
 This survey consists of:
 1 sheet(s) Map
 2 page(s) Narrative
 JACKSON COUNTY
 SURVEYOR



LINE TABLE

| LINE NO. | BEARING | DISTANCE |
|----------|---------------|----------|
| L1 | S 82°51'07" E | 49.18' |
| L2 | S 12°21'44" W | 45.91' |
| L3 | N 60°58'15" W | 48.06' |
| L4 | N 23°57'23" E | 74.97' |
| L5 | S 78°28'46" E | 45.36' |
| L6 | S 16°27'59" W | 49.99' |
| L7 | S 74°35'49" W | 105.65' |
| L8 | N 13°57'58" E | 47.65' |
| L9 | S 82°43'05" E | 49.39' |
| L10 | S 06°05'54" W | 48.67' |
| L11 | S 69°26'41" W | 170.86' |
| L12 | N 15°17'48" E | 49.50' |
| L13 | S 67°47'15" E | 49.97' |
| L14 | S 14°51'17" W | 49.58' |
| L15 | N 68°17'18" W | 46.25' |
| L16 | N 38°08'38" E | 120.72' |

| LEGEND | |
|--------|--|
| ○ | FOUND MONUMENT NOTED IN TABLE |
| ● | SET REFERENCE POINT NOTED IN TABLE |
| ▲ | SET NETWORK POINT USED AS REFERENCE POINT (SEE TABLE ON SHEET 2) |
| — | APPROXIMATE RIGHT-OF-WAY LINE |
| --- | APPROXIMATE PROPERTY LINE |

REFERENCE POINT TABLE

| PT. NO. | LDP NORTHING | LDP EASTING | DATE | DESCRIPTION |
|---------|--------------|-------------|----------|----------------------------------|
| 5000 | 267497.45 | 4268707.50 | 03/11/10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 5001 | 267536.18 | 4268766.13 | 03/11/10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 5002 | 267468.01 | 4268798.32 | 03/11/10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 5003 | 267599.53 | 4268978.40 | 03/11/10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 5004 | 267654.83 | 4268945.45 | 03/11/10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 5005 | 267693.71 | 4269004.07 | 03/11/10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 5006 | 268062.68 | 4269679.41 | 03/11/10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 5007 | 268116.69 | 4269643.48 | 03/11/10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 5008 | 268158.82 | 4269697.64 | 03/11/10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 5009 | 268284.25 | 4269880.75 | 03/11/10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 5010 | 268313.28 | 4269939.72 | 03/11/10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 5011 | 268248.25 | 4269969.98 | 03/11/10 | SET 1" BRASS PLUG STAMPED "OBEC" |

RECOVERED MONUMENT LIST

| PT. NO. | LDP NORTHING | LDP EASTING | DATE | DESCRIPTION & REFERENCE DOCUMENTS |
|---------|--------------|-------------|----------|---|
| 1000 | 267491.33 | 4268756.30 | 03/11/10 | FD 2" O.D. IRON PIPE W/ 2-1/2" BRASS CAP W/ PUNCH MARK, IN MONUMENT CASE, DOWN 0.2", PER CS 10892 |
| 1001 | 267645.77 | 4268989.90 | 03/11/10 | FD 2" O.D. IRON PIPE W/ 2-1/2" BRASS CAP W/ PUNCH MARK, IN MONUMENT CASE, DOWN 0.3", PER CS 10892 |
| 1002 | 268110.43 | 4269692.47 | 03/11/10 | FD RAILROAD SPIKE IN MONUMENT CASE, DOWN 0.4", PER CS 20201 (SURVEY CALLS FOR A BRASS CAP) |
| 1003 | 268265.36 | 4269927.01 | 03/11/10 | FD RAILROAD SPIKE IN MONUMENT CASE, DOWN 0.3", PER CS 20201 (SURVEY CALLS FOR A BRASS CAP) |

FD = FOUND
 CS = COUNTY SURVEY
 O.D. = OUTSIDE DIAMETER

REGISTERED PROFESSIONAL LAND SURVEYOR
A
 OREGON
 JULY 12, 2005
 ARON J. CUTSFORTH
 65696
 RENEWAL: DEC. 31, 2011

OBEC CONSULTING ENGINEERS
 Corporate Office: 920 COUNTRY CLUB ROAD, SUITE 100B EUGENE, OREGON 97401-6089, 541-683-6090
 2235 MISSION STREET SE, SUITE 100 SALEM, OREGON 97302-1295, 503-589-4100
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OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL AND RECOVERY SURVEY
 PINE STREET: 1ST STREET TO 6TH STREET
 CITY OF CENTRAL POINT
 JACKSON COUNTY, OREGON
 ODOT REGION 3
 100 ANTELOPE ROAD
 WHITE CITY, OR 97503
 APRIL 2010
 SCALE 1" = 50'
 SHEET 3 OF 4
 KEY NO. 16567
 DESIGNED: A. CUTSFORTH
 DRAWN: A. CUTSFORTH
 PROJ. NO. 019-084.47
 CHK'D: B. ELITHORP

FILE NAME: 16567ret.dgn

1
FD 5/8" X 30" REBAR
W/RPC "OBEC CONTROL"
(03/03/10)
LDP PROJECT VALUES
N 273948.27
E 4268735.81
OREGON STATE PLANE
SOUTH ZONE (3602)
[N 273928.66]
[E 4268430.17]

SE 1/4 SEC 34 T36S R2W WM
SW 1/4 SEC 1 T37S R2W WM
SW 1/4 SEC 2 T37S R2W WM
SE 1/4 SEC 3 T37S R2W WM
NE 1/4 SEC 10 T37S R2W WM

**** RECEIVED ****
DATE 4-30-10 BY *bb*
This survey consists of:
4 sheet(s) Map
0 page(s) Narrative
JACKSON COUNTY
SURVEYOR

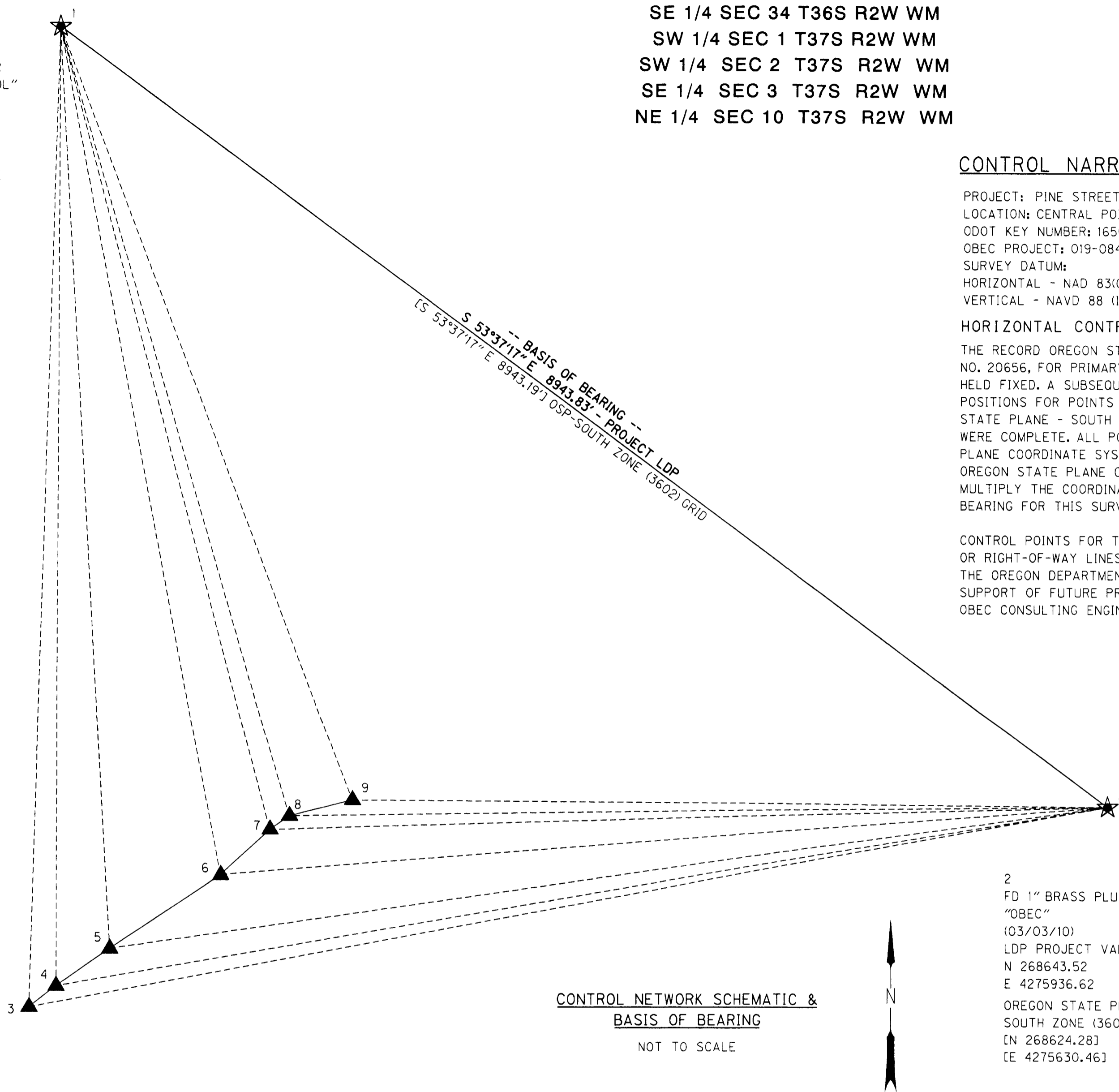
CONTROL NARRATIVE

PROJECT: PINE STREET: 1ST STREET TO 6TH STREET
LOCATION: CENTRAL POINT, JACKSON COUNTY, OREGON
ODOT KEY NUMBER: 16567
OBEC PROJECT: 019-084.47
SURVEY DATUM:
HORIZONTAL - NAD 83(CORS 96) EPOCH 2002 (INTERNATIONAL FEET)
VERTICAL - NAVD 88 (INTERNATIONAL FEET)

HORIZONTAL CONTROL SURVEY

THE RECORD OREGON STATE PLANE - SOUTH ZONE COORDINATES, PER COUNTY SURVEY NO. 20656, FOR PRIMARY HORIZONTAL CONTROL POINTS NO. 1 AND 2, WERE USED AND HELD FIXED. A SUBSEQUENT FASTSTAIC GPS NETWORK WAS PERFORMED TO ESTABLISH POSITIONS FOR POINTS 3 THROUGH 9. THE COORDINATE SYSTEM WAS HELD AT OREGON STATE PLANE - SOUTH ZONE (3602), UNTIL ALL GPS CONTROL SURVEYING AND ADJUSTMENTS WERE COMPLETE. ALL POINTS WERE THEN MOVED TO GROUND, UTILIZING A LOCAL DATUM PLANE COORDINATE SYSTEM (LDP), TO CONVERT THE PROJECT LDP COORDINATES TO THE OREGON STATE PLANE COORDINATE SYSTEM - SOUTH ZONE NAD 83(CORS96) EPOCH 2002, MULTIPLY THE COORDINATE VALUES BY A COMBINED FACTOR OF 0.99992840. THE BASIS OF BEARING FOR THIS SURVEY IS BASED ON A STRAIGHT LINE BETWEEN CONTROL POINTS 1 AND 2.

CONTROL POINTS FOR THIS SURVEY WERE NOT SET ON AND DO NOT REPRESENT PROPERTY LINES OR RIGHT-OF-WAY LINES AND ARE INTENDED FOR USE SOLELY BY THE CITY OF CENTRAL POINT, THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT), AND OBEC CONSULTING ENGINEERS IN SUPPORT OF FUTURE PROJECTS. IT IS NOT THE INTENT OF THE CITY OF CENTRAL POINT, ODOT, OR OBEC CONSULTING ENGINEERS TO PERPETUATE THESE CONTROL POINTS AS MONUMENTS.



CONTROL NETWORK SCHEMATIC & BASIS OF BEARING
NOT TO SCALE

1.96 SIGMA (95%) CONFIDENCE LEVEL LIMITS

| POINT NO | SEMI MAJOR | SEMI MINOR | ORIENTATION* |
|----------|-------------|-------------|--------------|
| 3 | 0.02 INT FT | 0.02 INT FT | 116.2° |
| 4 | 0.02 INT FT | 0.02 INT FT | 115.2° |
| 5 | 0.02 INT FT | 0.02 INT FT | 112.8° |
| 6 | 0.02 INT FT | 0.02 INT FT | 106.0° |
| 7 | 0.02 INT FT | 0.02 INT FT | 102.7° |
| 8 | 0.02 INT FT | 0.02 INT FT | 101.1° |
| 9 | 0.02 INT FT | 0.02 INT FT | 94.5° |

* NORTH AZIMUTH
FIXED POINTS NOT SUBJECT TO LEAST SQUARES
ADJUSTMENT OR CONFIDENCE LEVEL ANALYSIS:
POINTS 1 AND 2

2
FD 1" BRASS PLUG
"OBEC"
(03/03/10)
LDP PROJECT VALUES
N 268643.52
E 4275936.62
OREGON STATE PLANE
SOUTH ZONE (3602)
[N 268624.28]
[E 4275630.46]

FILE NAME: 16567ret.dgn

NETWORK POINT COORDINATE TABLE

| PT ID | LDP NORTHING | LDP EASTING | DATE | DESCRIPTION |
|-------|--------------|-------------|----------|--|
| 1 | 273948.27 | 4268735.81 | 03-03-10 | FD 5/8" X 30" REBAR W/RPC STAMPED "OBEC CONTROL", PER CS 20656 |
| 2 | 268643.52 | 4275936.62 | 03-03-10 | FD 1" BRASS PLUG STAMPED "OBEC", PER CS 20656 |
| 3 | 267279.68 | 4268541.25 | 03-03-10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 4 | 267422.82 | 4268725.86 | 03-03-10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 5 | 267673.83 | 4269091.75 | 03-03-10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 6 | 268170.42 | 4269852.45 | 03-03-10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 7 | 268478.69 | 4270189.19 | 03-03-10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 8 | 268573.36 | 4270322.66 | 03-03-10 | SET 1" BRASS PLUG STAMPED "OBEC" |
| 9 | 268681.73 | 4270753.78 | 03-03-10 | SET 1" BRASS PLUG STAMPED "OBEC" |

CS = COUNTY SURVEY
RPC = RED PLASTIC CAP

| LEGEND | |
|--------|---|
| [] | RECORD DATA PER CS 20656 |
| ★ | SET GPS NETWORK POINT |
| ▲ | SET NETWORK POINT |
| ▲-★ | LINES OF OBSERVATION (INTERVISIBLE) |
| ▲-★ | LINES OF OBSERVATION (NOT INTERVISIBLE) |

REGISTERED PROFESSIONAL LAND SURVEYOR
A

OREGON
JULY 12, 2005
ARON J. CUTSFORTH
65696
RENEWAL: DEC. 31, 2011

Corporate Office: 920 COUNTRY CLUB ROAD, SUITE 100B EUGENE, OREGON 97401-6089, 541-683-6090
2235 MISSION STREET SE, SUITE 100 SALEM, OREGON 97302-1295, 503-589-4100
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www.obec.com

OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL AND RECOVERY SURVEY
PINE STREET: 1ST STREET TO 6TH STREET
CITY OF CENTRAL POINT
JACKSON COUNTY, OREGON

ODOT REGION 3 APRIL 2010
100 ANTELOPE ROAD NO SCALE
WHITE CITY, OR 97503 KEY NO. 16567 SHEET 2 OF 4

DESIGNED: A. CUTSFORTH PROJ. NO. 019-084.47
DRAWN: A. CUTSFORTH CHK'D: B. ELITHORP