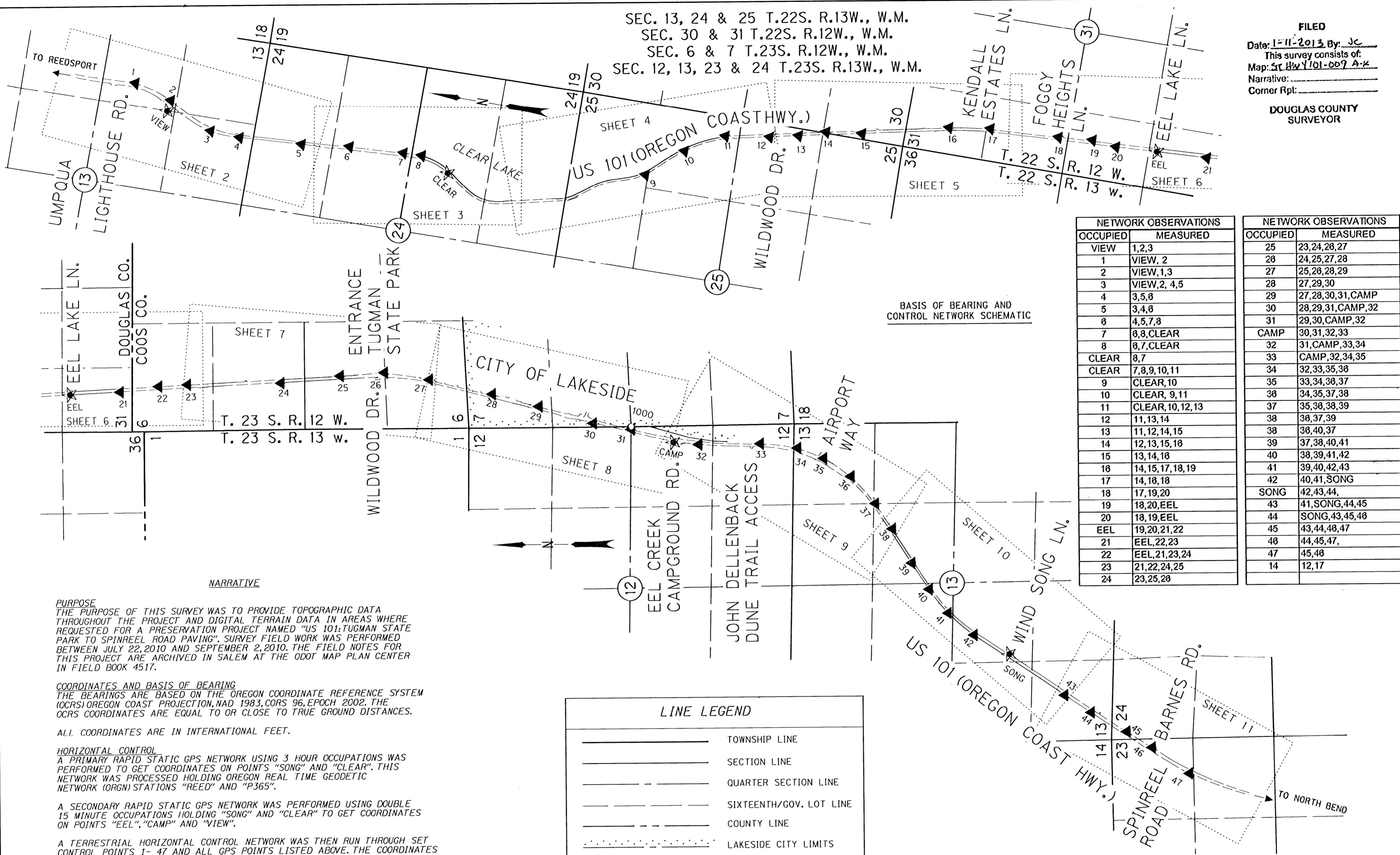


FILED
 Date: 1-11-2013 By: JC
 This survey consists of:
 Map: ST HWY 101-009 A-K
 Narrative:
 Corner Rpt:

DOUGLAS COUNTY SURVEYOR



NETWORK OBSERVATIONS		NETWORK OBSERVATIONS	
OCCUPIED	MEASURED	OCCUPIED	MEASURED
VIEW	1,2,3	25	23,24,28,27
1	VIEW, 2	28	24,25,27,28
2	VIEW,1,3	27	25,28,28,29
3	VIEW,2, 4,5	28	27,29,30
4	3,5,8	29	27,28,30,31,CAMP
5	3,4,8	30	28,29,31,CAMP,32
8	4,5,7,8	31	29,30,CAMP,32
7	8,8,CLEAR	CAMP	30,31,32,33
8	8,7,CLEAR	32	31,CAMP,33,34
CLEAR	8,7	33	CAMP,32,34,35
CLEAR	7,8,9,10,11	34	32,33,35,38
9	CLEAR,10	35	33,34,38,37
10	CLEAR, 9,11	36	34,35,37,38
11	CLEAR,10,12,13	37	35,38,38,39
12	11,13,14	38	38,37,39
13	11,12,14,15	38	38,40,37
14	12,13,15,18	39	37,38,40,41
15	13,14,18	40	38,39,41,42
16	14,15,17,18,19	41	39,40,42,43
17	14,18,18	42	40,41,SONG
18	17,19,20	SONG	42,43,44,
19	18,20,EEL	43	41,SONG,44,45
20	18,19,EEL	44	SONG,43,45,48
EEL	19,20,21,22	45	43,44,48,47
21	EEL,22,23	48	44,45,47,
22	EEL,21,23,24	47	45,48
23	21,22,24,25	14	12,17
24	23,25,28		

BASIS OF BEARING AND CONTROL NETWORK SCHEMATIC

NARRATIVE

PURPOSE
 THE PURPOSE OF THIS SURVEY WAS TO PROVIDE TOPOGRAPHIC DATA THROUGHOUT THE PROJECT AND DIGITAL TERRAIN DATA IN AREAS WHERE REQUESTED FOR A PRESERVATION PROJECT NAMED "US 101:TUGMAN STATE PARK TO SPINREEL ROAD PAVING". SURVEY FIELD WORK WAS PERFORMED BETWEEN JULY 22, 2010 AND SEPTEMBER 2, 2010. THE FIELD NOTES FOR THIS PROJECT ARE ARCHIVED IN SALEM AT THE ODOT MAP PLAN CENTER IN FIELD BOOK 4517.

COORDINATES AND BASIS OF BEARING
 THE BEARINGS ARE BASED ON THE OREGON COORDINATE REFERENCE SYSTEM (OCRS) OREGON COAST PROJECTION, NAD 1983, CORS 96, EPOCH 2002. THE OCRS COORDINATES ARE EQUAL TO OR CLOSE TO TRUE GROUND DISTANCES.

ALL COORDINATES ARE IN INTERNATIONAL FEET.

HORIZONTAL CONTROL
 A PRIMARY RAPID STATIC GPS NETWORK USING 3 HOUR OCCUPATIONS WAS PERFORMED TO GET COORDINATES ON POINTS "SONG" AND "CLEAR". THIS NETWORK WAS PROCESSED HOLDING OREGON REAL TIME GEODETIC NETWORK (ORGN) STATIONS "REED" AND "P365".

A SECONDARY RAPID STATIC GPS NETWORK WAS PERFORMED USING DOUBLE 15 MINUTE OCCUPATIONS HOLDING "SONG" AND "CLEAR" TO GET COORDINATES ON POINTS "EEL", "CAMP" AND "VIEW".

A TERRESTRIAL HORIZONTAL CONTROL NETWORK WAS THEN RUN THROUGH SET CONTROL POINTS 1- 47 AND ALL GPS POINTS LISTED ABOVE. THE COORDINATES WERE FIXED ON ALL GPS POINTS WHEN THE HORIZONTAL LEAST SQUARES ADJUSTMENT WAS APPLIED TO THE NETWORK CONTROL. THE HORIZONTAL LEAST SQUARES ADJUSTMENT PASSED ODOT STANDARDS FOR A 2D NETWORK.

HORIZONTAL CONTROL EQUIPMENT
 A LEICA TCPR 1201 TOTAL STATION, SERIAL# 226336 WAS USED FOR GATHERING TOPOGRAPHIC DATA AND RUNNING THE HORIZONTAL CONTROL NETWORK. IT HAS THE FOLLOWING ACCURACY: STANDARD ANGULAR ERROR +/- 1 SECOND; STANDARD DISTANCE ERROR OF +/- 2MM, + 2 PPM.

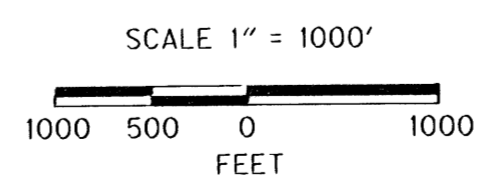
A LEICA GX1230 DUAL FREQUENCY GPS RECEIVER WAS USED FOR GPS OBSERVATIONS. IT HAS THE FOLLOWING ACCURACY: PHASED DIFFERENTIAL STATIC METHOD HORIZONTAL ERROR OF 5 MM + 0.5 PPM, AND A VERTICAL ERROR OF 10 MM, + 0.5 PPM; PHASED DIFFERENTIAL RTK METHOD HORIZONTAL ERROR OF 10 MM + 1 PPM, AND A VERTICAL ERROR OF 20 MM, + 1 PPM.

LINE LEGEND

	TOWNSHIP LINE
	SECTION LINE
	QUARTER SECTION LINE
	SIXTEENTH/GOV. LOT LINE
	COUNTY LINE
	LAKESIDE CITY LIMITS

POINT LEGEND

	SET GPS POINT
	SET NETWORK POINT
	FOUND MONUMENT



REGISTERED PROFESSIONAL LAND SURVEYOR

Mickey D. Calvert
 OREGON
 NOV. 10, 2011
 MICKEY D. CALVERT
 75099
 EXPIRES: 12/31/2013

SI FEET OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL MAP
 US 101: TUGMAN STATE PARK - SPINREEL ROAD PAVING
 OREGON COAST HWY., NO. 9, US 101, M.P. 216.95 - 224.5
 DOUGLAS AND COOS COUNTY
 FILE: I6199RW.DGN MODEL: CRR

FOR ODOT REGION 3
 3500 NW. STEWART PKWY.
 ROSEBURG, OR. 97470

JANUARY 10, 2013
 SCALE: 1" = 1000'
 SHEET 1 OF 11

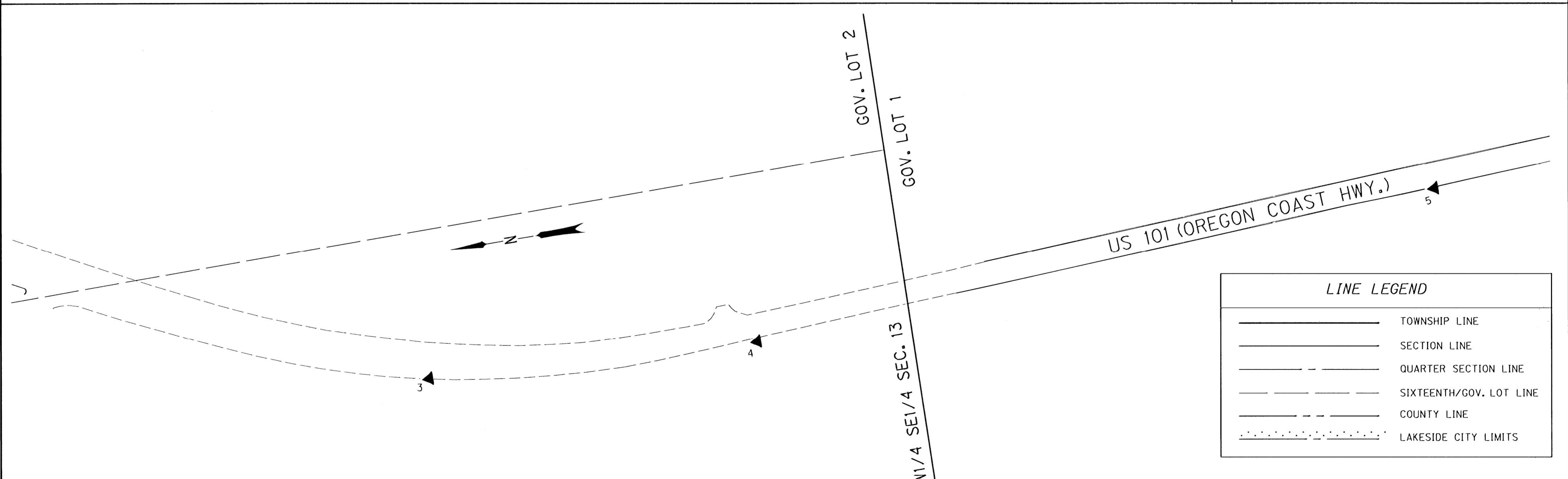
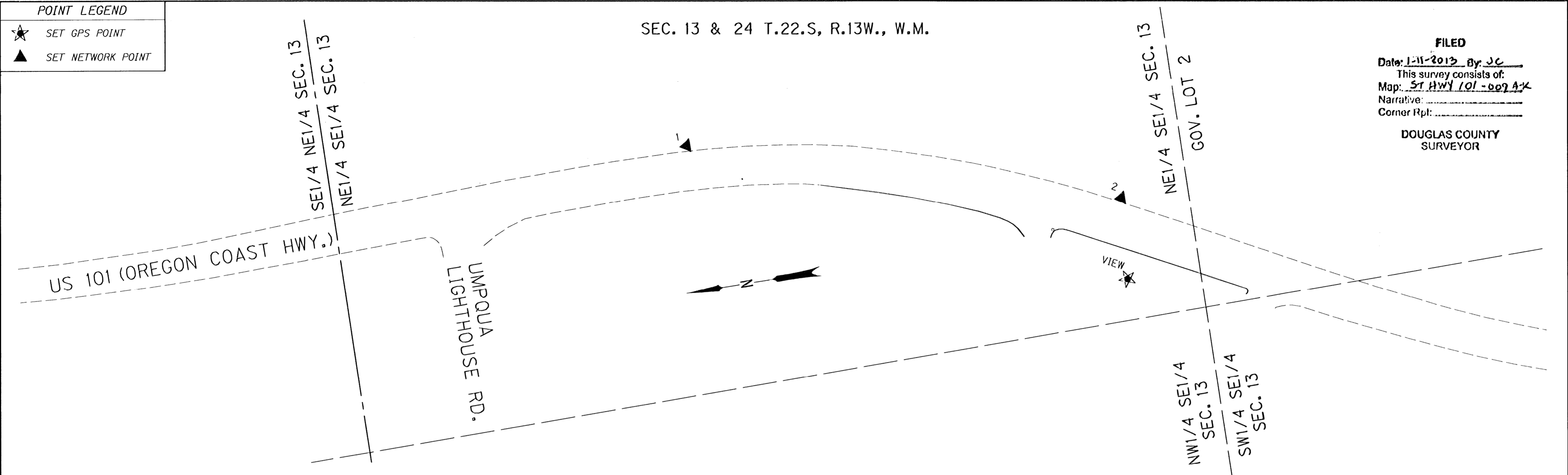
POINT LEGEND

- ★ SET GPS POINT
- ▲ SET NETWORK POINT

SEC. 13 & 24 T.22.S, R.13W., W.M.

FILED
 Date: 1-11-2013 By: JC
 This survey consists of:
 Map: ST HWY 101 - 009 A-X
 Narrative: _____
 Corner Rpt: _____

DOUGLAS COUNTY
 SURVEYOR

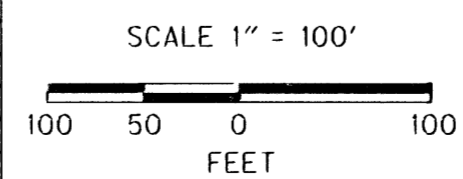


LINE LEGEND

	TOWNSHIP LINE
	SECTION LINE
	QUARTER SECTION LINE
	SIXTEENTH/GOV. LOT LINE
	COUNTY LINE
	LAKESIDE CITY LIMITS

MONUMENT TABLE

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION
1	813661.337	405675.751	7/29/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 1"
2	813044.302	405496.496	7/29/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 2"
3	812320.849	405108.785	7/29/10	SET 5/8" X 25" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 3"
4	811837.302	405083.870	7/29/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 4"
5	810821.003	405142.866	7/29/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 5"
VIEW	813054.400	405378.563	7/27/10	SET 1" BRASS PLUG IN CONCRETE CURB OF BULB-OUT AT UMPQUA LIGHTHOUSE VIEWPOINT STAMPED "ODOT VIEW" MONUMENT IS LOCATED AT UMPQUA LIGHTHOUSE VIEW POINT IN CURB OF BULB-OUT, OREGON COAST HWY. MILE POST 217.22 +/-



REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

Michael D. Calvert

OREGON
 NOV. 10, 2011
 MICKEY D. CALVERT
 75099
 EXPIRES: 12/31/2013

SI FEET OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL MAP
 US 101: TUGMAN STATE PARK - SPINREEL ROAD PAVING
 OREGON COAST HWY., NO. 9, US 101, M.P. 216.95 - 224.5
 DOUGLAS AND COOS COUNTY
 FILE: 16199RW.DGN MODEL: CRR

FOR ODOT REGION 3
 3500 NW. STEWART PKWY.
 ROSEBURG, OR. 97470

JANUARY 10, 2013
 SCALE: 1" = 100'
 SHEET 2 OF 11

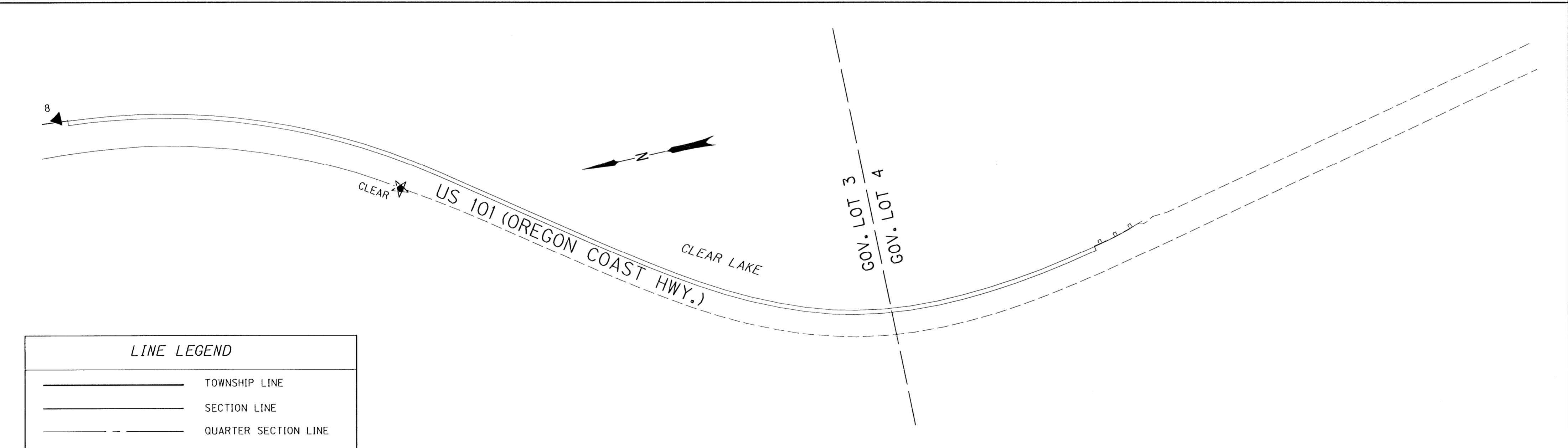
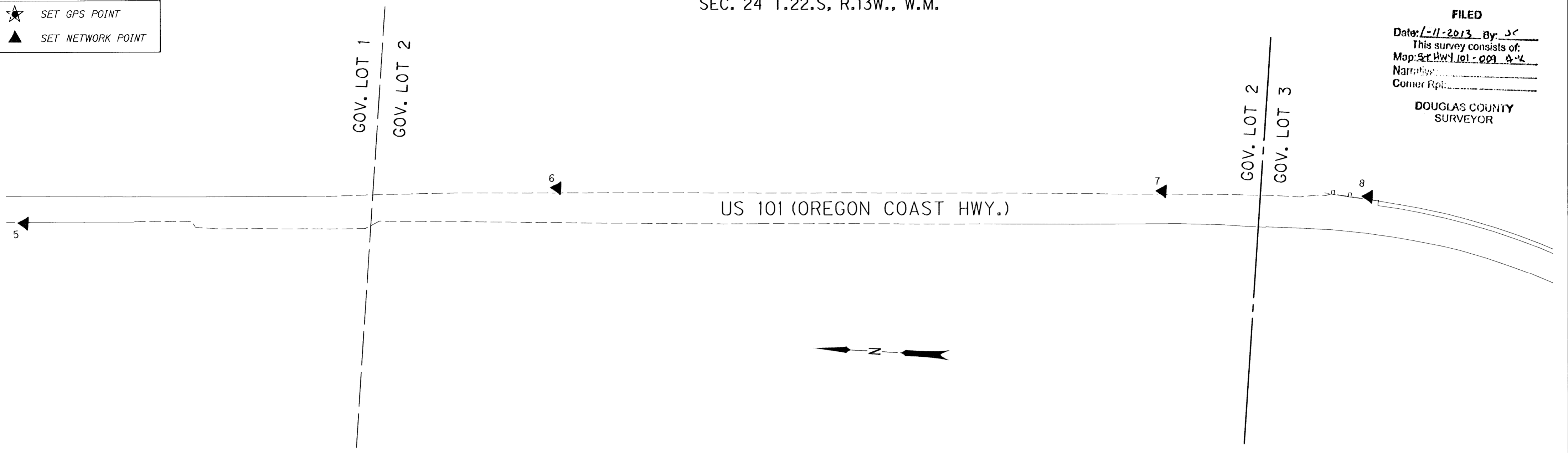
POINT LEGEND

- ★ SET GPS POINT
- ▲ SET NETWORK POINT

SEC. 24 T.22.S, R.13W., W.M.

FILED
 Date: 11-2013 By: JC
 This survey consists of:
 Map: ST HWY 101 - 009 A-K
 Narrative:
 Corner Rpt:

DOUGLAS COUNTY
 SURVEYOR

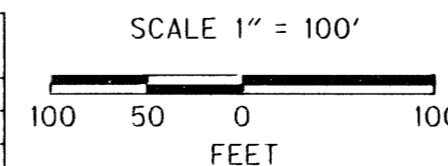


LINE LEGEND

- TOWNSHIP LINE
- SECTION LINE
- - - - - QUARTER SECTION LINE
- - - - - SIXTEENTH/GOV. LOT LINE
- - - - - COUNTY LINE
- LAKESIDE CITY LIMITS

MONUMENT TABLE

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION
6	810046.194	405235.682	7/29/10	SET 5/8" X 25" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 6"
7	809162.447	405279.157	7/29/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 7"
8	808865.317	405287.777	7/29/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 8"
CLEAR	808393.605	405080.141	7/27/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL CLEAR" STABILIZED IN CONCRETE. MONUMENT LOCATION +/- 500 FT SOUTH OF MILE POST 218 WEST SIDE OF OREGON COAST HWY, NORTH END OF CLEAR LAKE.



REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

Mickey D. Calvert

OREGON
 NOV. 10, 2011
 MICKEY D. CALVERT
 75099
 EXPIRES: 12/31/2013



OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL MAP
 US 101: TUGMAN STATE PARK - SPINREEL ROAD PAVING
 OREGON COAST HWY., NO. 9, US 101, M.P. 216.95 - 224.5
 DOUGLAS AND COOS COUNTY
 FILE: 16199RW.DGN MODEL: CRR

FOR ODOT REGION 3
 3500 NW. STEWART PKWY.
 ROSEBURG, OR. 97470

JANUARY 10, 2013
 SCALE: 1" = 100'
 SHEET 3 OF 11

ST HWY 101 - 009 C

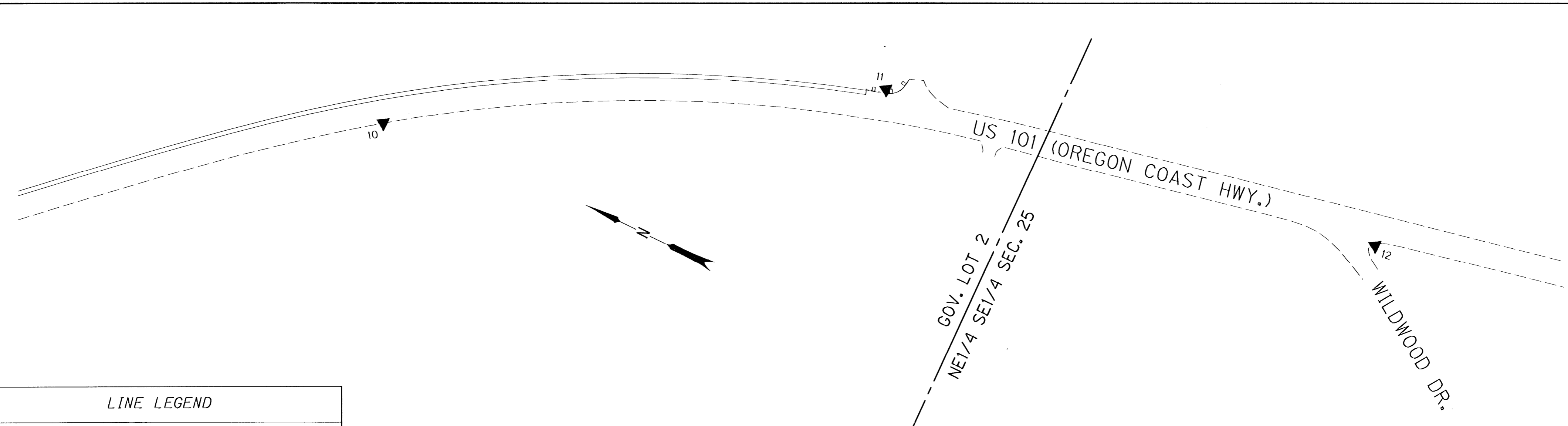
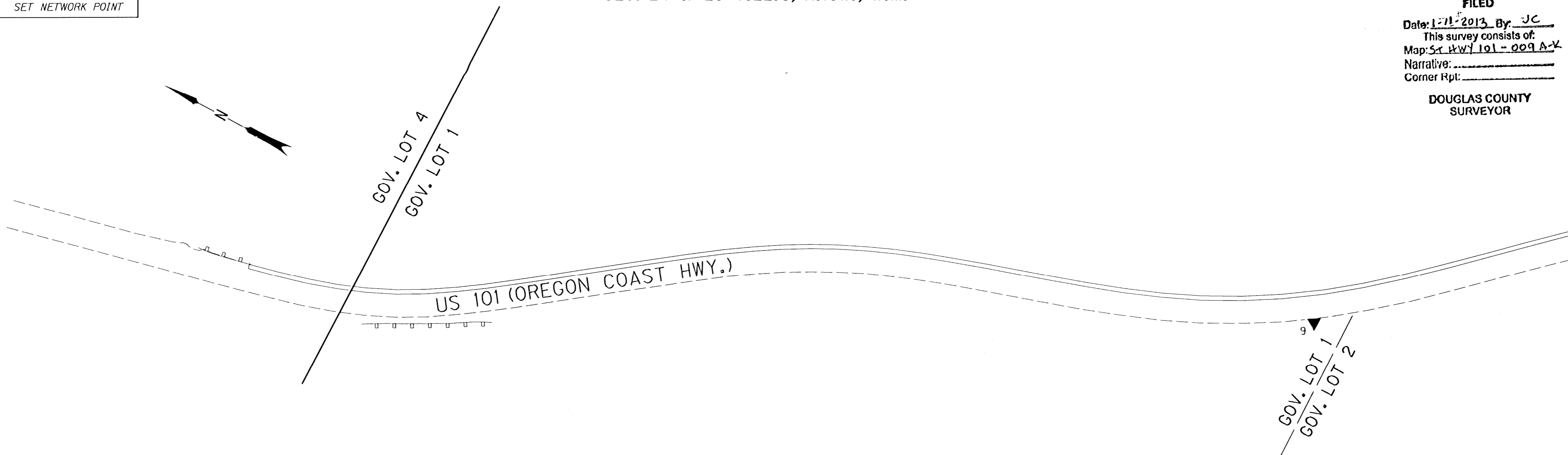
POINT LEGEND

▲ SET NETWORK POINT

SEC. 24 & 25 T.22.S, R.13W., W.M.

FILED
 Date: 1-10-2013 By: JC
 This survey consists of:
 Map: ST HWY 101 - 009 A-X
 Narrative: _____
 Corner Rpt: _____

DOUGLAS COUNTY
 SURVEYOR

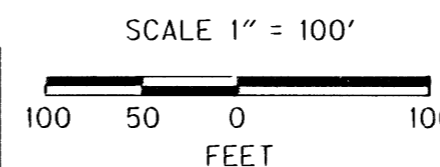


LINE LEGEND

	TOWNSHIP LINE
	SECTION LINE
	QUARTER SECTION LINE
	SIXTEENTH/GOV. LOT LINE
	COUNTY LINE
	LAKESIDE CITY LIMITS

MONUMENT TABLE

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION
9	805215.453	405589.232	7/29/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 9"
10	804652.704	406072.249	7/29/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 10"
11	804035.808	406423.205	7/29/10	SET 5/8" X 25" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 11"
12	803320.629	406528.369	7/29/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 12"



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 PROFESSIONAL
 LAND SURVEYOR

 OREGON
 NOV. 10, 2011
 MICKEY D. CALVERT
 75099
 EXPIRES: 12/31/2013

SI FEET

 OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL MAP
 US 101: TUGMAN STATE PARK - SPINREEL ROAD PAVING
 OREGON COAST HWY., NO. 9, US 101, M.P. 216.95 - 224.5
 DOUGLAS AND COOS COUNTY
 FILE: 16199RW.DGN MODEL: CRR
 FOR ODOT REGION 3
 3500 NW. STEWART PKWY.
 ROSEBURG, OR. 97470
 JANUARY 10, 2013
 SCALE: 1" = 100'
 SHEET 4 OF 11

ST HWY 101 - 009 D

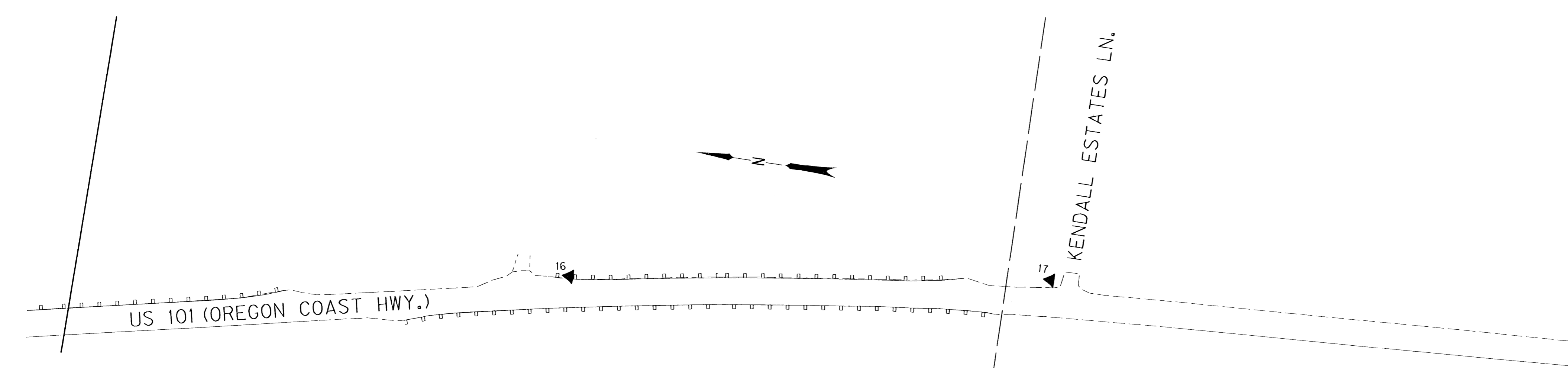
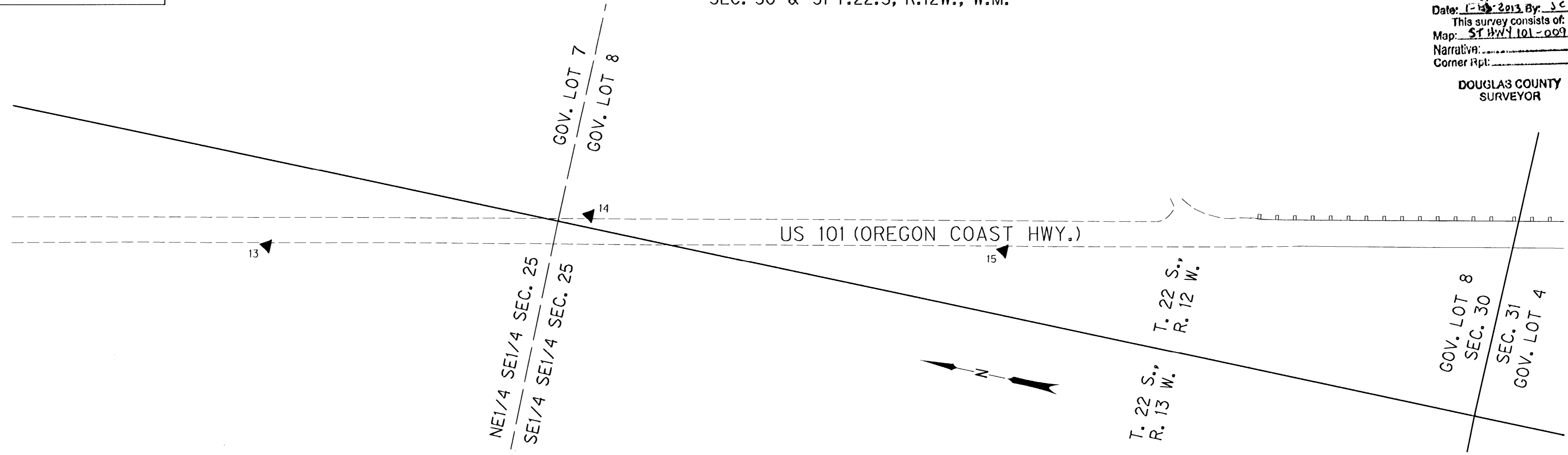
POINT LEGEND

▲ SET NETWORK POINT

SEC. 25 T.22.S, R.13W., W.M.
SEC. 30 & 31 T.22.S, R.12W., W.M.

FILED
Date: 12/10/2013 By: J.C.
This survey consists of:
Map: ST HWY 101 - 009 A-V
Narrative:
Corner Rpt:

DOUGLAS COUNTY
SURVEYOR

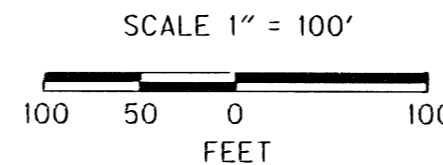


LINE LEGEND

- TOWNSHIP LINE
- SECTION LINE
- QUARTER SECTION LINE
- SIXTEENTH/GOV. LOT LINE
- COUNTY LINE
- LAKESIDE CITY LIMITS

MONUMENT TABLE

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION
13	802859.855	406625.672	7/29/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 13"
14	802426.279	406759.927	7/29/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 14"
15	801848.175	406831.065	8/2/10	SET 5/8" X 25" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 15"
16	800482.125	407166.410	8/2/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 16"
17	799794.677	407260.552	8/2/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 17"



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LAND SURVEYOR

Mickey D. Calvert
OREGON
NOV. 10, 2011
MICKEY D. CALVERT
75099
EXPIRES: 12/31/2013



OREGON DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL MAP
US 101: TUGMAN STATE PARK - SPINREEL ROAD PAVING
OREGON COAST HWY., NO. 9, US 101, M.P. 216.95 - 224.5
DOUGLAS AND COOS COUNTY
FILE: 16199RW.DGN MODEL: CRR

FOR ODOT REGION 3
3500 NW. STEWART PKWY.
ROSEBURG, OR. 97470
JANUARY 10, 2013
SCALE: 1" = 100'
SHEET 5 OF 11

ST HWY 101 - 009 E

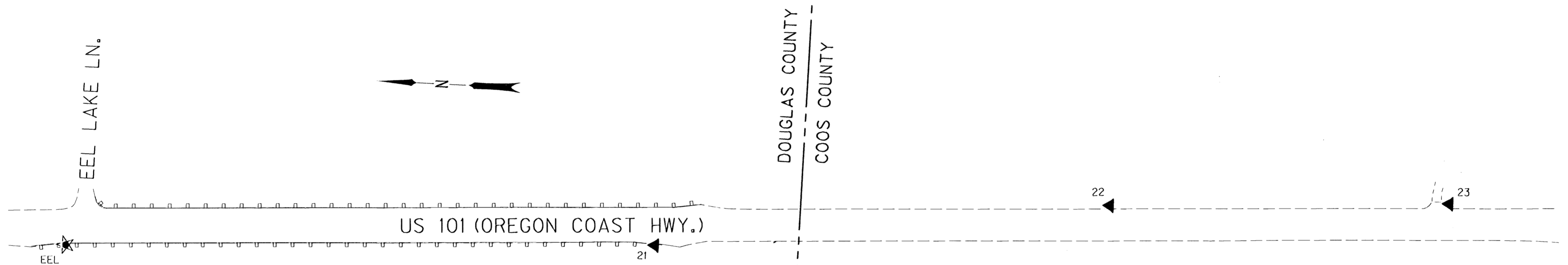
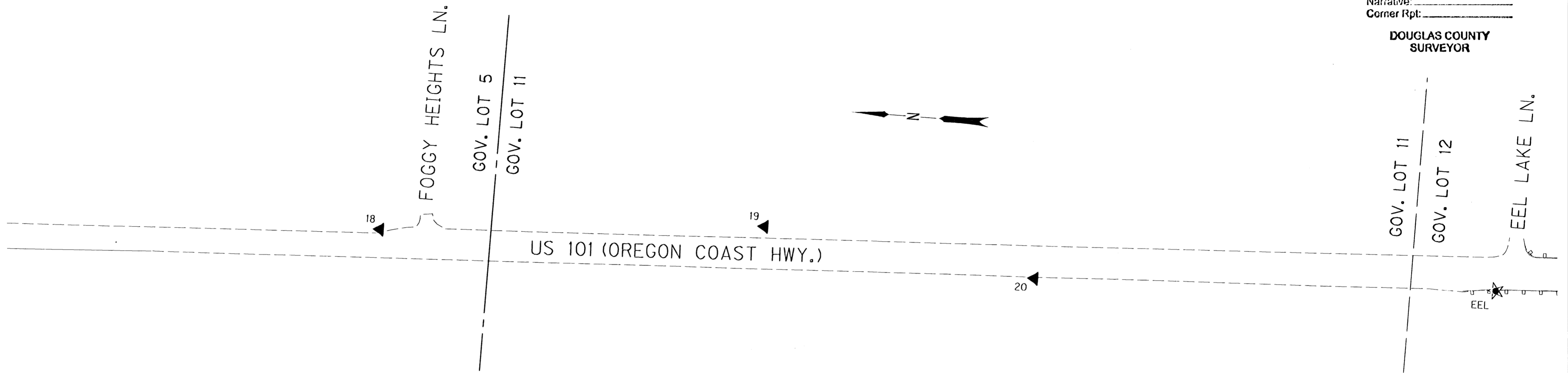
POINT LEGEND

- ★ SET GPS POINT
- ▲ SET NETWORK POINT

SEC. 31 T.22.S, R.12W., W.M.
SEC. 6 T.23.S, R.12W., W.M.

FILED
Date: 1-11-2013 By: JE
This survey consists of:
Map: ST HWY 101-009 A-K
Narrative: _____
Corner Rpt: _____

DOUGLAS COUNTY
SURVEYOR

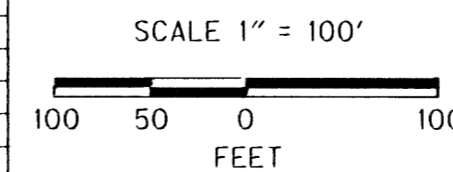


LINE LEGEND

- TOWNSHIP LINE
- SECTION LINE
- - - QUARTER SECTION LINE
- - - SIXTEENTH/GOV. LOT LINE
- - - COUNTY LINE
- LAKESIDE CITY LIMITS

MONUMENT TABLE

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION
18	798678.769	407307.775	8/2/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 18"
19	798124.859	407354.471	8/2/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 19"
20	797730.297	407310.258	8/2/10	SET 5/8" X 25" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 20"
21	796247.211	407380.539	8/2/10	SET 5/8" X 25" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 21"
22	795618.771	407465.374	8/2/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 22"
23	795148.577	407490.015	8/2/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 23"
EEL	797063.913	407343.198	8/2/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL EEL" STABILIZED IN CONCRETE. MONUMENT IS LOCATED AT MILE POST 220.38, WEST SIDE OF OREGON COAST HWY, OPPOSITE EEL LAKE LANE, BEHIND GUARDRAIL.



REGISTERED
PROFESSIONAL
LAND SURVEYOR

Mickey D. Calvert
OREGON
NOV. 10, 2011
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75099
EXPIRES: 12/31/2013

SI FEET OREGON DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL MAP
US 101: TUGMAN STATE PARK - SPINREEL ROAD PAVING
OREGON COAST HWY., NO. 9, US 101, M.P. 216.95 - 224.5
DOUGLAS AND COOS COUNTY
FILE: 16199RW.DGN MODEL: CRR

FOR ODOT REGION 3
3500 NW. STEWART PKWY.
ROSEBURG, OR. 97470

JANUARY 10, 2013
SCALE: 1" = 100'
SHEET 6 OF 11

ST HWY 101 - 009 F

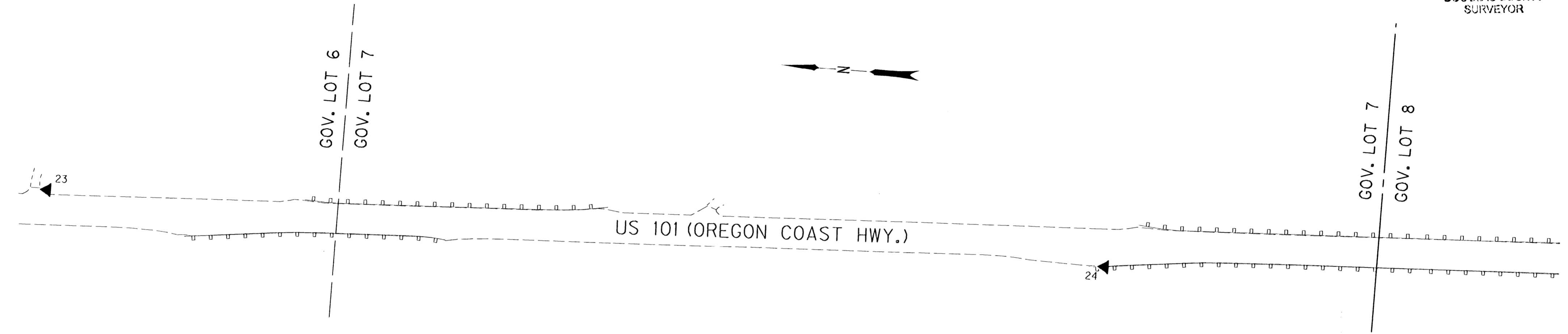
POINT LEGEND

▲ SET NETWORK POINT

SEC. 6 T.23.S, R.12W., W.M.

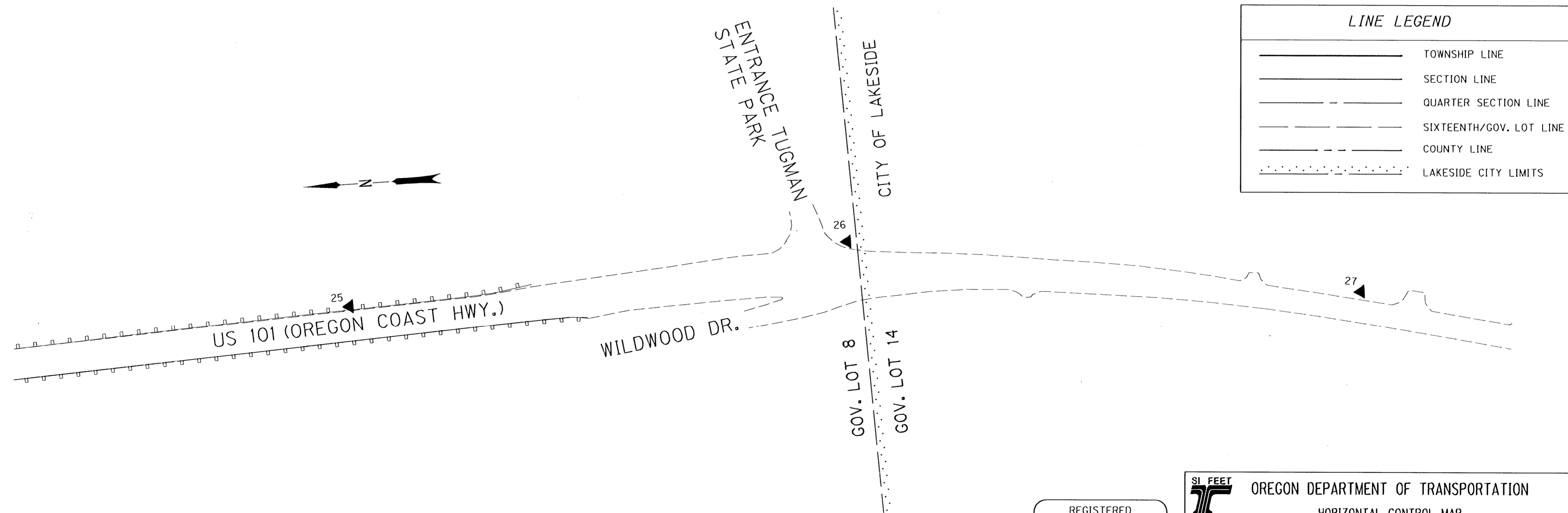
FILED
 Date: 1-11-2013 By: JC
 This survey consists of:
 Map: ST HWY 101-009 A-K
 Narrative: _____
 Corner Rpt: _____

DOUGLAS COUNTY
 SURVEYOR



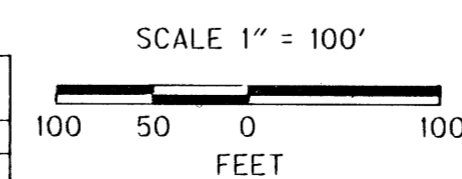
LINE LEGEND

- TOWNSHIP LINE
- SECTION LINE
- QUARTER SECTION LINE
- SIXTEENTH/GOV. LOT LINE
- COUNTY LINE
- LAKESIDE CITY LIMITS



MONUMENT TABLE

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION
24	793822.164	407502.648	8/2/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 24"
25	792858.179	407611.457	8/2/10	SET 5/8" X 25" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 25"
26	791937.819	407659.504	8/2/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 26"
27	791204.754	407541.079	8/3/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 27"



REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

Mickey D. Calvert
 OREGON
 NOV. 10, 2011
 MICKEY D. CALVERT
 75099
 EXPIRES: 12/31/2013

SI FEET OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL MAP
 US 101: TUGMAN STATE PARK - SPINREEL ROAD PAVING
 OREGON COAST HWY., NO. 9, US 101, M.P. 216.95 - 224.5
 DOUGLAS AND COOS COUNTY
 FILE: 16199RW.DGN MODEL: CRR

FOR ODOT REGION 3
 3500 NW. STEWART PKWY.
 ROSEBURG, OR. 97470

JANUARY 10, 2013
 SCALE: 1" = 100'
 SHEET 7 OF 11

ST HWY 101 - 009 G

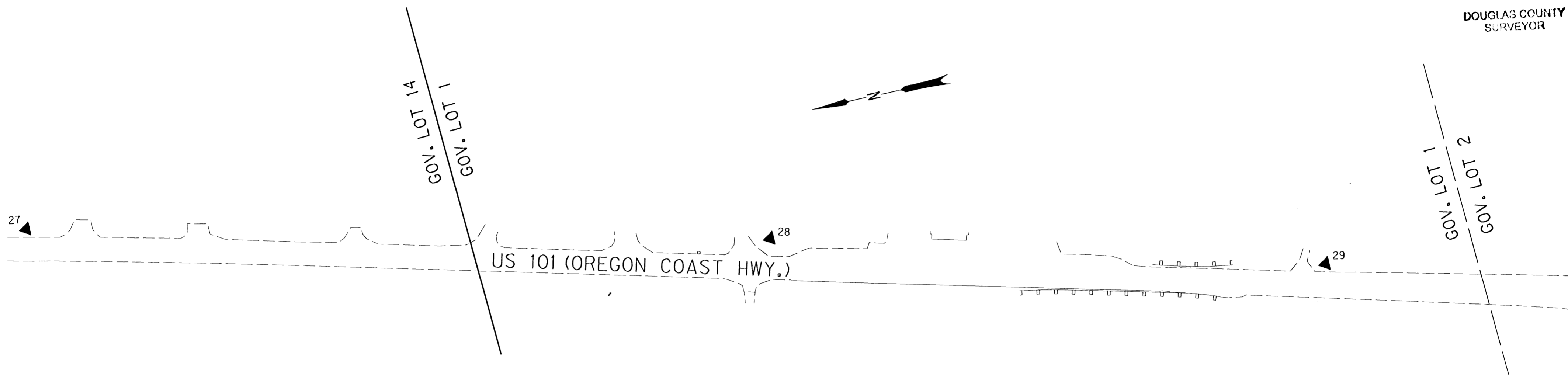
POINT LEGEND

- ★ SET GPS POINT
- ▲ SET NETWORK POINT
- FOUND MONUMENT

SEC. 6 & 7 T.23.S, R.12W., W.M.
SEC. 12 T.23.S, R.13W., W.M.

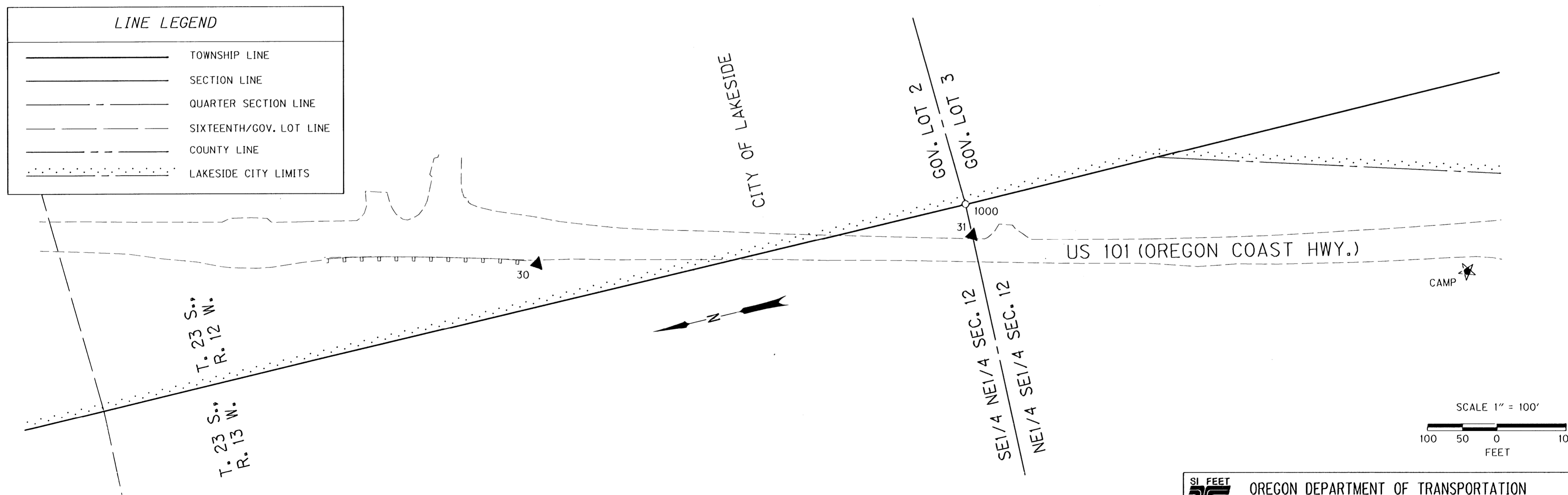
FILED
Date: 1-11-2013 By: JC
This survey consists of:
Map: ST HWY 101-009 A-K
Narrative: _____
Corner Rpt: _____

DOUGLAS COUNTY
SURVEYOR



LINE LEGEND

- TOWNSHIP LINE
- SECTION LINE
- - - QUARTER SECTION LINE
- - - SIXTEENTH/GOV. LOT LINE
- - - COUNTY LINE
- LAKESIDE CITY LIMITS



MONUMENT TABLE

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION	REFERENCE
28	790181.989	407298.940	8/3/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 28"	
29	789424.393	407093.730	8/3/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 29"	
30	788542.202	406810.714	8/3/10	SET 5/8" X 25" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 30"	
31	787921.671	406706.875	8/3/10	SET 5/8" X 25" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 31"	
1000	787920.186	406752.462	8/29/10	FD. 3" BRASS DISK ON A 2 1/4" O.D. IRON PIPE STAMPED, "U.S. DEPT. OF THE INTERIOR BUR. OF LAND MANAGEMENT CADASTRAL SURVEY R23S 1/4 R13W R12W S12 S7 1980"	B.L.M. 1980
CAMP	787238.394	406492.756	7/27/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL CAMP" STABILIZED IN CONCRETE. MONUMENT LOCATION OS AT MILE POST 222.28 +/-, 100 FT. NORTH OF EEL CREEK CAMPGROUND ENTRANCE ON WEST SIDE OF OREGON COAST HWY. 22' FROM EDGE OF PAVEMENT.	

REGISTERED
PROFESSIONAL
LAND SURVEYOR
[Signature]
OREGON
NOV. 10, 2011
MICKEY D. CALVERT
75099
EXPIRES: 12/31/2013

SI FEET OREGON DEPARTMENT OF TRANSPORTATION
HORIZONTAL CONTROL MAP
US 101: TUGMAN STATE PARK - SPINREEL ROAD PAVING
OREGON COAST HWY., NO. 9, US 101, M.P. 216.95 - 224.5
DOUGLAS AND COOS COUNTY
FILE: 16199RW.DGN MODEL: CRR
FOR ODOT REGION 3 JANUARY 10, 2013
3500 NW. STEWART PKWY. SCALE: 1" = 100'
ROSEBURG, OR. 97470 SHEET 8 OF 11

POINT LEGEND

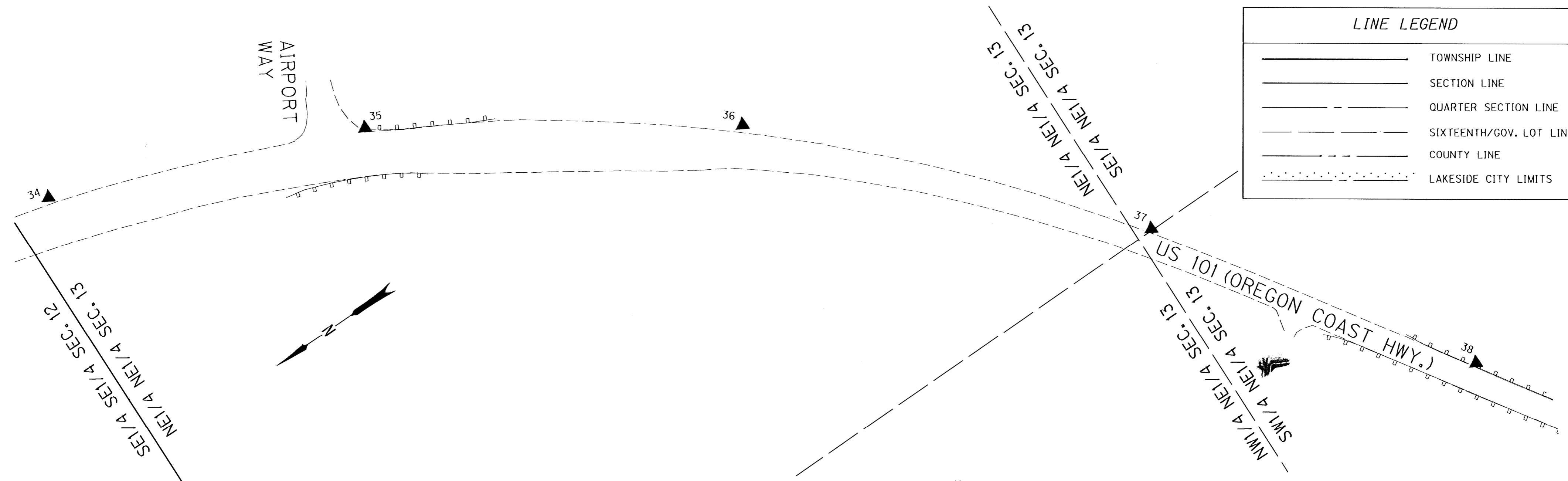
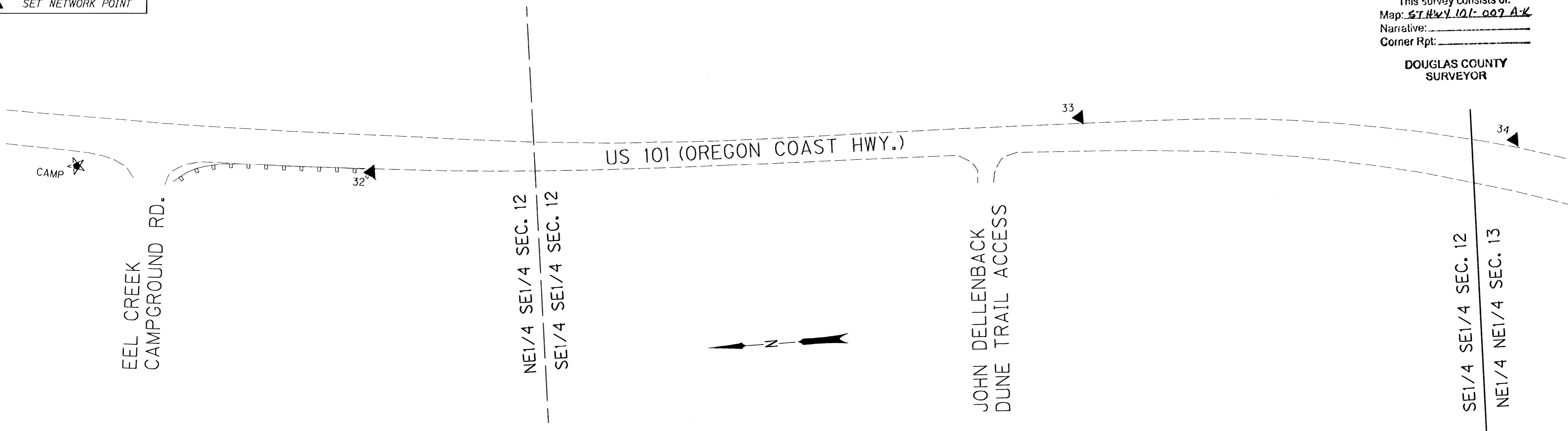
- ★ SET GPS POINT
- ▲ SET NETWORK POINT

SEC. 12 & 13 T.23.S, R.13W., W.M.

FILED

Date: 1-11-2013 By: JC
 This survey consists of:
 Map: ST HWY 101-009 A-K
 Narrative: _____
 Corner Rpt: _____

DOUGLAS COUNTY
 SURVEYOR

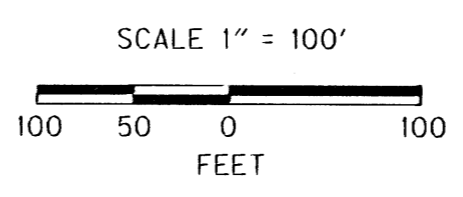


LINE LEGEND

	TOWNSHIP LINE
	SECTION LINE
	QUARTER SECTION LINE
	SIXTEENTH/GOV. LOT LINE
	COUNTY LINE
	LAKESIDE CITY LIMITS

MONUMENT TABLE

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION
32	786825.376	406453.782	8/3/10	SET 5/8" X 25" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 32"
33	785824.141	406459.248	8/3/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 33"
34	785215.438	406384.737	8/3/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 34"
35	784791.643	406214.788	8/3/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 35"
36	784348.619	405919.898	8/3/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 36"
37	783953.830	405475.819	8/3/10	SET 5/8" X 25" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 37"



REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

Mickey D. Calvert

OREGON
 NOV. 10, 2011
 MICKEY D. CALVERT
 75099
 EXPIRES: 12/31/2013

SI FEET OREGON DEPARTMENT OF TRANSPORTATION

HORIZONTAL CONTROL MAP

US 101: TUGMAN STATE PARK - SPINREEL ROAD PAVING

OREGON COAST HWY., NO. 9, US 101, M.P. 216.95 - 224.5

DOUGLAS AND COOS COUNTY

FILE: 16199RW.DGN MODEL: CRR

FOR ODOT REGION 3
 3500 NW. STEWART PKWY.
 ROSEBURG, OR. 97470

JANUARY 10, 2013
 SCALE: 1" = 100'
 SHEET 9 OF 11

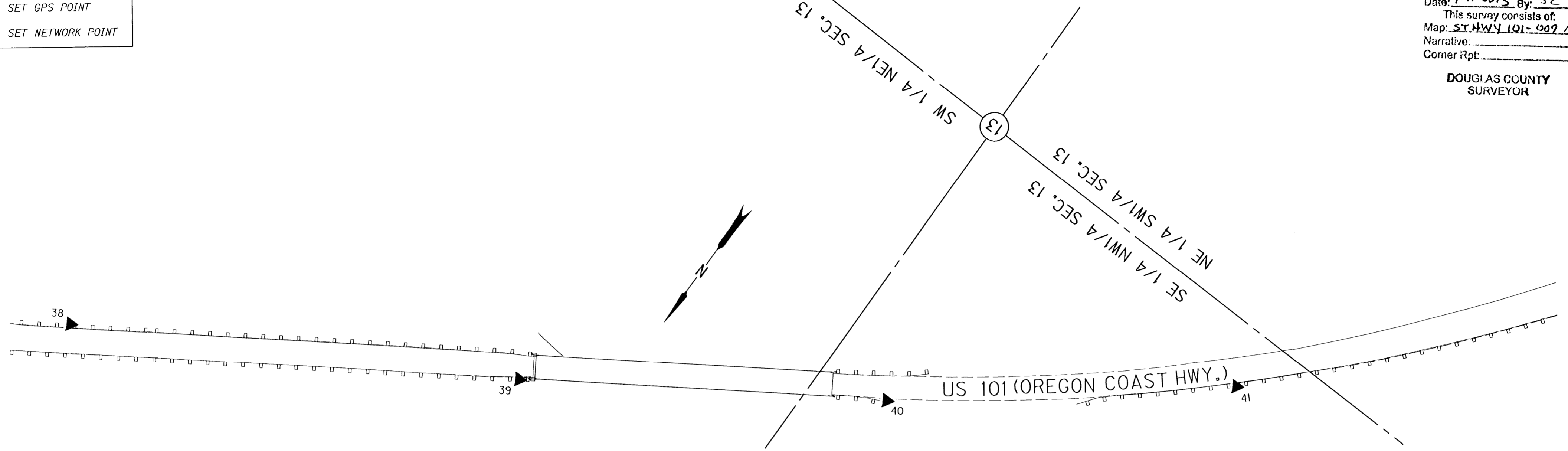
ST HWY 101 - 009 I

POINT LEGEND

★	SET GPS POINT
▲	SET NETWORK POINT

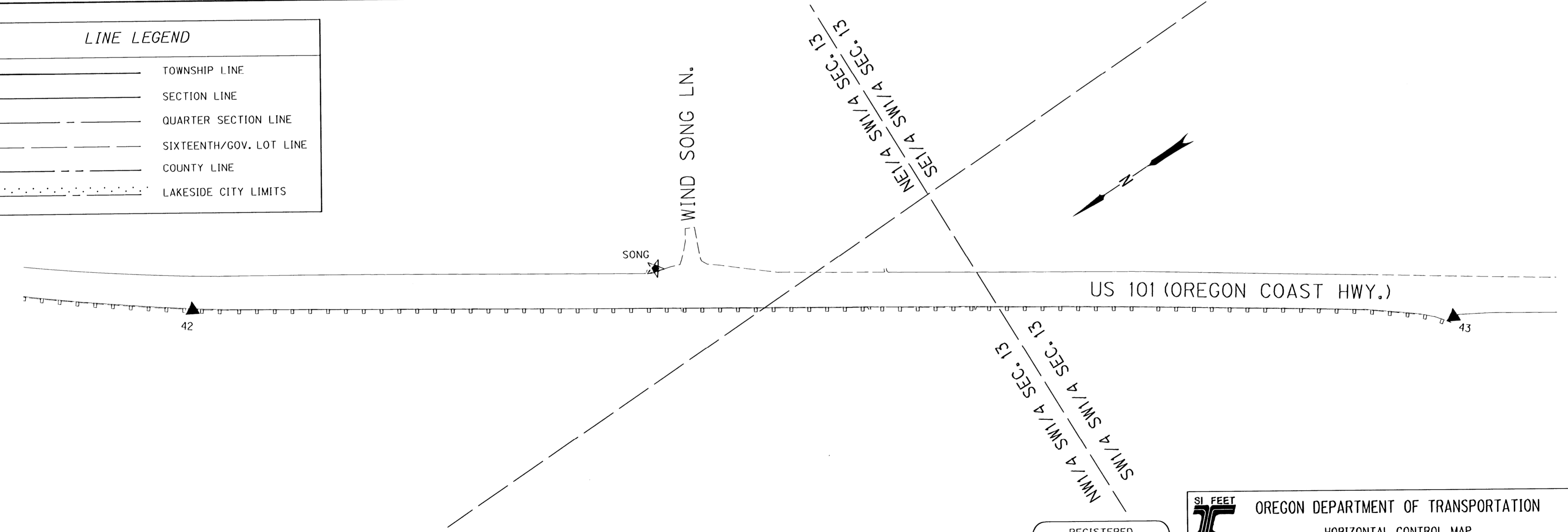
SEC. 13 T.23.S, R.13W., W.M.

FILED
 Date: 1-11-2013 By: J.C.
 This survey consists of:
 Map: ST HWY 101 - 009 A-K
 Narrative: _____
 Corner Rpt: _____
 DOUGLAS COUNTY
 SURVEYOR



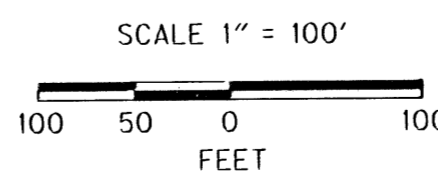
LINE LEGEND

—————	TOWNSHIP LINE
—————	SECTION LINE
-----	QUARTER SECTION LINE
- - - - -	SIXTEENTH/GOV. LOT LINE
—————	COUNTY LINE
.....	LAKESIDE CITY LIMITS



MONUMENT TABLE

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION
38	783681.169	405063.316	8/3/10	SET 5/8" X 25" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 38"
39	783371.161	404509.400	8/3/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 39"
40	783089.884	404076.298	8/4/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 40"
41	782783.264	403692.641	8/4/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 41"
42	782364.979	403334.250	8/4/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 42"
SONG	781793.040	403020.785	7/27/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL SONG" STABILIZED IN CONCRETE. MONUMENT IS LOCATED AT MILE POINT 293.6, ON EAST SIDE OF OREGON COAST HWY., 36' NORTH OF WINDSONG LN. APPROACH



REGISTERED PROFESSIONAL LAND SURVEYOR

 OREGON
 NOV. 10, 2011
 MICKEY D. CALVERT
 75099
 EXPIRES: 12/31/2013

SI FEET

 OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL MAP
 US 101: TUGMAN STATE PARK - SPINREEL ROAD PAVING
 OREGON COAST HWY., NO. 9, US 101, M.P. 216.95 - 224.5
 DOUGLAS AND COOS COUNTY
 FILE: 16199RW.DGN MODEL: CRR
 FOR ODOT REGION 3
 3500 NW. STEWART PKWY.
 ROSEBURG, OR. 97470
 JANUARY 10, 2013
 SCALE: 1" = 100'
 SHEET 10 OF 11

ST HWY 101 - 009 J

POINT LEGEND

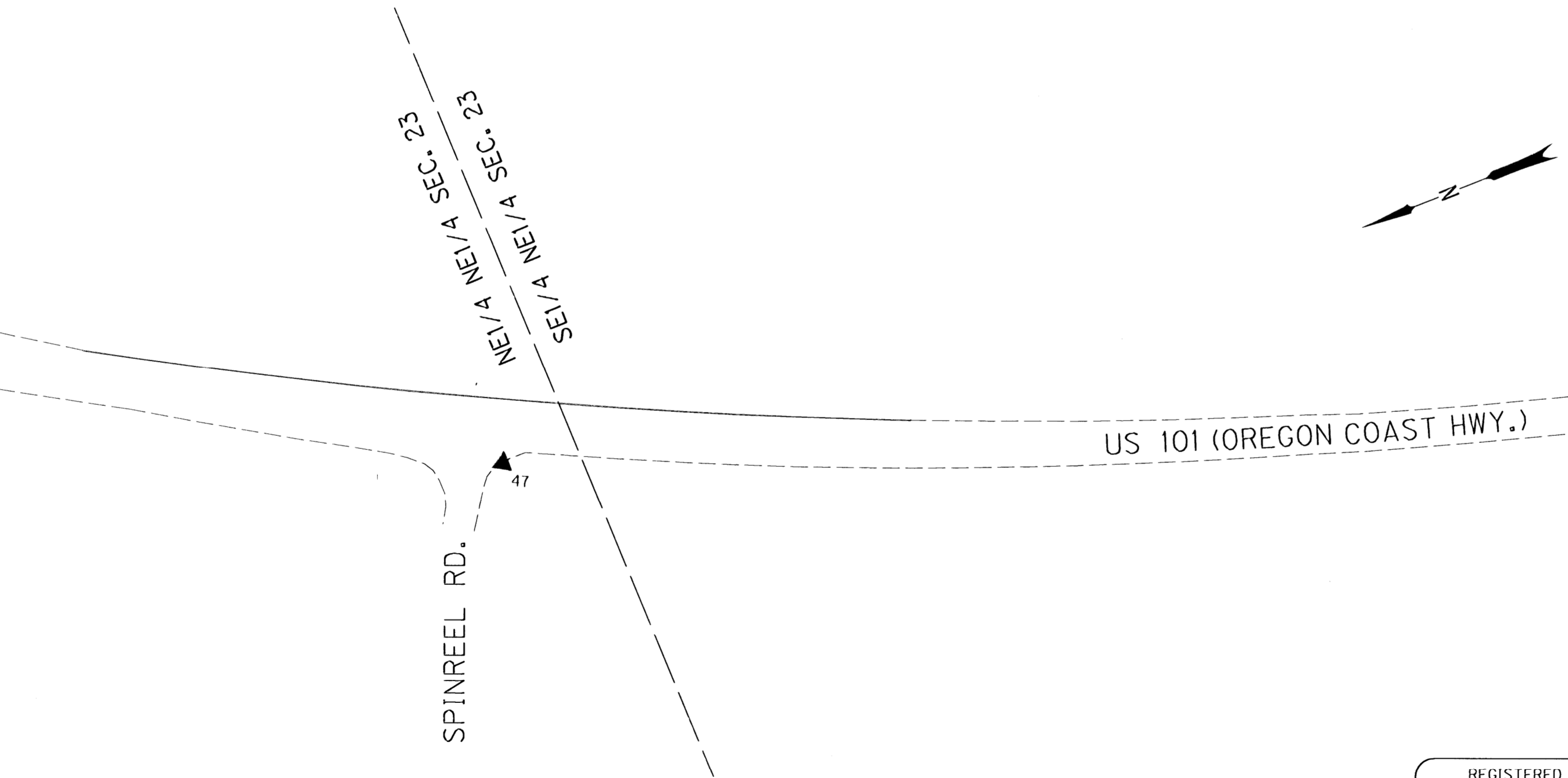
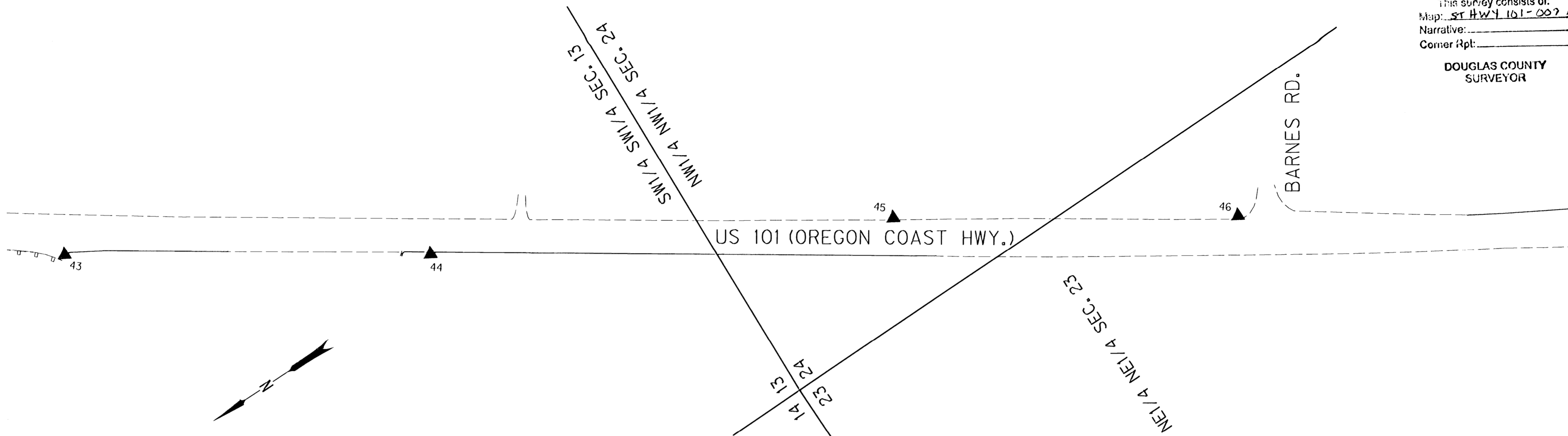
▲ SET NETWORK POINT

SEC. 13, 23, & 24 T.23.S, R.13W., W.M.

FILED

Date: 1-11-2013 By: JC
 This survey consists of:
 Map: ST HWY 101 - 009 A-K
 Narrative:
 Corner Rpt:

DOUGLAS COUNTY
 SURVEYOR

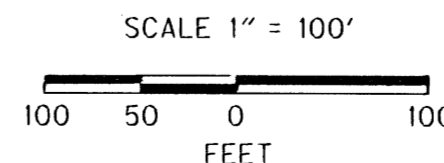


LINE LEGEND

- TOWNSHIP LINE
- SECTION LINE
- - - - QUARTER SECTION LINE
- - - - SIXTEENTH/GOV. LOT LINE
- - - - COUNTY LINE
- LAKESIDE CITY LIMITS

MONUMENT TABLE

PT. NO.	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION
43	780899.551	402342.470	8/4/10	SET 5/8" X 25" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 43"
44	780467.273	402060.633	8/4/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 44"
45	779892.738	401746.621	8/4/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 45"
46	779483.634	401483.688	8/4/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 46"
47	778879.170	401059.286	8/4/10	SET 5/8" X 30" IRON REBAR WITH 1 1/2" BRASS CAP STAMPED "ODOT CONTROL 47"



REGISTERED
 PROFESSIONAL
 LAND SURVEYOR

Mickey D. Calvert
 OREGON
 NOV. 10, 2011
 MICKEY D. CALVERT
 75099
 EXPIRES: 12/31/2013

SI FEET OREGON DEPARTMENT OF TRANSPORTATION
 HORIZONTAL CONTROL MAP
 US 101: TUGMAN STATE PARK - SPINREEL ROAD PAVING
 OREGON COAST HWY., NO. 9, US 101, M.P. 216.95 - 224.5
 DOUGLAS AND COOS COUNTY
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FOR ODOT REGION 3
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JANUARY 10, 2013
 SCALE: 1" = 100'
 SHEET 11 OF 11

ST HWY 101 - 009 K