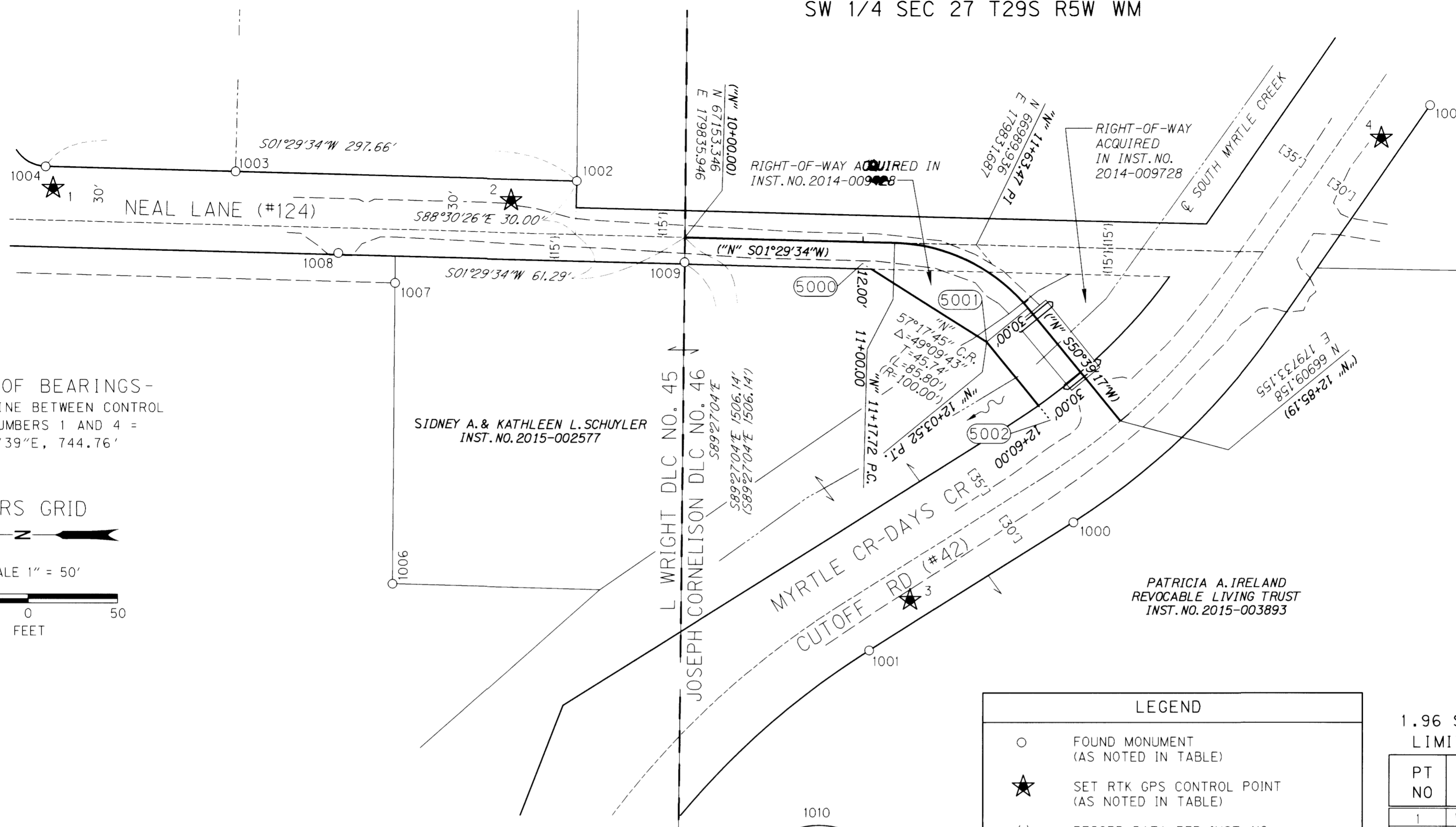
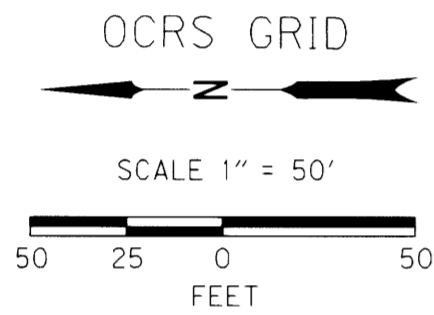


SW 1/4 SEC 27 T29S R5W WM

FILED
 Date: B-27-2015 By: LC
 This survey consists of:
 Map: CO RD 124
 Narrative: 00330039
 Corner Rpt: _____

DOUGLAS COUNTY SURVEYOR

-BASIS OF BEARINGS-
 STRAIGHT LINE BETWEEN CONTROL
 POINT NUMBERS 1 AND 4 =
 S2°09'39"E, 744.76'



REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON
 JULY 12, 2005
 LOGAN MILES
 65452
 RENEWAL: DEC. 31, 2016
 Signed: 6/25/15

RIGHT-OF-WAY LOCATION TABLE

NOTE: NO MONUMENTS SET AT R/W POINTS

PT NO	OCRS NORTHING	OCRS EASTING	STATION	OFFSET	DESCRIPTION
5000	67053.69	179821.34	11+00.00	12.00' RT	R/W POINT "FALSE CALL", NO MONUMENT SET
5001	66984.14	179777.29	12+03.52	30.00' RT	R/W POINT, NO MONUMENT SET
5002	66948.33	179733.62	12+63.53	30.00' RT	R/W POINT "FALSE CALL", NO MONUMENT SET

CONTROL POINT COORDINATE TABLE

* = NOT LEVELED TO, HELD GPS DERIVED ELEVATION

PT NO	OCRS NORTHING	OCRS EASTING	LEVELED ELEVATION	CONVERGENCE ANGLE	DATE	DESCRIPTION
1	67507.14	179863.26	646.79	0°02'25"	4/2/13	SET 1" BRONZE PLUG STAMPED "OBEC" IN CONCRETE CURB
2	67250.74	179856.67	636.42	0°02'25"	4/2/13	SET 1" BRONZE PLUG STAMPED "OBEC" IN CONCRETE CURB
3	67026.90	179633.01	621.60	0°02'23"	4/2/13	SET 5/8" X 30" REBAR W/OPC STAMPED "OBEC CONTROL"
4	66762.91	179891.34	*622.55	0°02'26"	4/2/13	SET 5/8" X 30" REBAR W/OPC STAMPED "OBEC CONTROL"

RECOVERED MONUMENT LIST

PT NO	OCRS NORTHING	OCRS EASTING	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1000	66935.41	179676.54	4/2/13	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "DOUGLAS CO RD DP 30", GOOD CONDITION, UP 0.3', PER CS MAP ID 00360088
1001	67049.73	179604.86	4/2/13	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "DOUGLAS CO RD DP 30", GOOD CONDITION, DOWN 0.1', PER CS MAP ID 00360088
1002	67213.84	179867.53	4/2/13	FD 5/8" IRON ROD W/YPC STAMPED "HGE INC", GOOD CONDITION, DOWN 0.3', PER VOL. 19, PG. 29, "FAIRWAY HEIGHTS SUBDIVISION"
1003	67405.03	179872.50	4/2/13	FD 5/8" IRON ROD W/YPC STAMPED "R. BROWN PLS 2391", GOOD CONDITION, DOWN 0.1', PER VOL. 21, PG. 61, "CALLAHAM SUBDIVISION"
1004	67511.39	179875.29	4/2/13	FD 5/8" IRON ROD W/YPC STAMPED "R. BROWN PLS 2391", GOOD CONDITION, DOWN 0.1', PER VOL. 21, PG. 61, "CALLAHAM SUBDIVISION"
1005	66735.60	179909.71	4/2/13	FD 5/8" IRON ROD W/1-1/2" ALUM. CAP STAMPED "DOUGLAS CO RD DP 30", GOOD CONDITION, DOWN 0.2', PER CS MAP ID 00360088
1006	67316.91	179641.67	1/31/14	FD 5/8" IRON ROD W/YPC STAMPED "R. BROWN PLS 2391", GOOD CONDITION, UP 0.1', PER M165-79
1007	67315.69	179810.16	1/31/14	FD 5/8" IRON ROD W/YPC STAMPED "R. BROWN PLS 2391", GOOD CONDITION, UP 0.1', PER M165-79
1008	67347.52	179826.82	1/31/14	FD 5/8" IRON ROD, GOOD CONDITION, DOWN 0.2', PER M102-1A
1009	67153.48	179822.01	1/31/14	FD 5/8" IRON ROD W/YPC STAMPED "PLS 866", GOOD CONDITION, DOWN 0.2', PER M102-1A
1010	67167.78	178329.87	1/31/14	FD 2-1/2" BRASS CAP ON 1-1/4" O.D. I.P. STAMPED "COUNTY SURVEYORS OFFICE, T29S R5W, WNW DLC 46, 2007", GOOD CONDITION, UP 0.7', PER DCCR PT ID 046040

LEGEND

- FOUND MONUMENT (AS NOTED IN TABLE)
- ★ SET RTK GPS CONTROL POINT (AS NOTED IN TABLE)
- () RECORD DATA PER INST. NO. 2014-009428 & 2014-009728
- [] RECORD DATA PER DOUGLAS CO. ROAD NO. 42 DRAWING ID NO. 00360088
- { } RECORD DATA PER DOUGLAS CO. DOCKET NO. 411
- RIGHT-OF-WAY
- PROPERTY LINE
- - - EDGE OF PAVEMENT

FD = FOUND
 ALUM = ALUMINUM
 I.P. = IRON PIPE
 CS = COUNTY SURVEY
 O.D. = OUTSIDE DIAMETER
 YPC = YELLOW PLASTIC CAP
 OPC = ORANGE PLASTIC CAP

1.96 SIGMA (95%) CONFIDENCE LEVEL
 LIMITS-RTK GPS CONFIDENCE TABLE

PT NO	SOLUTION	RMS
1	WIDE AREA RTK - LI FIXED	0.02'
2	WIDE AREA RTK - LI FIXED	0.02'
3	WIDE AREA RTK - LI FIXED	0.03'
4	WIDE AREA RTK - LI FIXED	0.02'

RMS (ROOT MEAN SQUARE) AFTER A MINIMUM OF 180 MEASUREMENTS OF EACH BASE LINE INDICATES THE QUALITY OF THE SOLUTION BASED ON MEASUREMENT NOISE. THE LOWER THE RMS VALUE, THE HIGHER THE QUALITY OF THE BASELINE. RMS IS EXPRESSED IN FEET AND IS THE RADIUS OF THE ERROR CIRCLE WITHIN WHICH 95% OF THE POSITION FIXES ARE FOUND.

FILE NAME: 15630mon.dgn

OBEC CONSULTING ENGINEERS
 CORPORATE OFFICE: 920 COUNTRY CLUB ROAD, SUITE 100B EUGENE, OREGON 97401-6089, 541-683-6090
 3990 FAIRVIEW INDUSTRIAL DR SE, SUITE 200 SALEM, OREGON 97302-1166, 503-589-4100
 831 O'HARE PARKWAY MEDFORD, OREGON 97504-4005, 541-774-5590
 5000 MEADOWS ROAD, SUITE 420 LAKE OSWEGO, OREGON 97035, 503-620-6103
 1111 MAIN STREET, SUITE 401 VANCOUVER, WASHINGTON 98660 360-314-2391

DOUGLAS COUNTY PUBLIC WORKS
 HORIZONTAL CONTROL, RECOVERY AND
 RIGHT-OF-WAY MONUMENTATION SURVEY
 NEAL LANE (CO RD #124)
 DOUGLAS COUNTY

DOUGLAS COUNTY PUBLIC WORKS
 1036 S.E. DOUGLAS AVE, ROOM 304
 ROSEBURG, OREGON 97470
 JUNE 25, 2015
 SCALE 1"=50'
 SHEET 2 OF 2

DESIGNED: L. MILES
 DRAWN: A. CUTSFORTH
 CHK'D: E. BLAKE
 PROJ. NO. 0190100,28

Co. Rd. #124 MP 0.33 - 0.39
 CO. RD. #124

00330039