

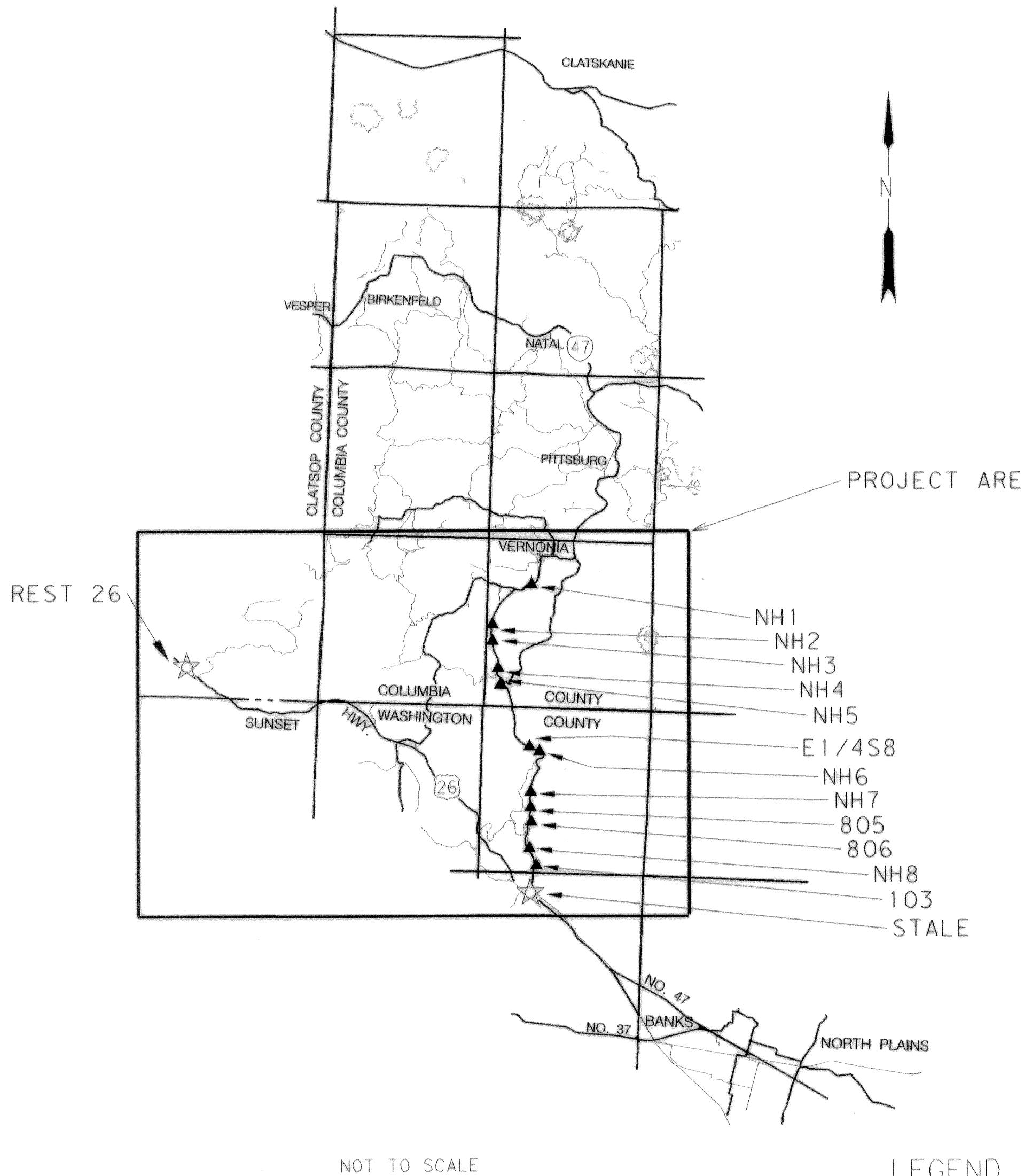
S901
L80S

S.E. $\frac{1}{4}$ SEC. 5, T. 2 N., R. 4 W., W.M. (STALE)
 S.W. $\frac{1}{4}$ SEC. 33, T. 3 N., R. 4 W., W.M. (103)
 N.E. $\frac{1}{4}$ SEC. 32, T. 3 N., R. 4 W., W.M. (NH8)
 S.E. $\frac{1}{4}$ SEC. 20, T. 3 N., R. 4 W., W.M. (806)
 S.E. $\frac{1}{4}$ SEC. 20, T. 3 N., R. 4 W., W.M. (805)
 S.E. $\frac{1}{4}$ SEC. 20, T. 3 N., R. 4 W., W.M. (NH7)

S.E. $\frac{1}{4}$ SEC. 8, T. 3 N., R. 4 W., W.M. (NH6)
 S.E. $\frac{1}{4}$ SEC. 30, T. 4 N., R. 4 W., W.M. (NH5)
 S.W. $\frac{1}{4}$ SEC. 30, T. 4 N., R. 4 W., W.M. (NH4)
 N.W. $\frac{1}{4}$ SEC. 19, T. 4 N., R. 4 W., W.M. (NH3)
 N.W. $\frac{1}{4}$ SEC. 19, T. 4 N., R. 4 W., W.M. (NH2)
 N.E. $\frac{1}{4}$ SEC. 8, T. 4 N., R. 4 W., W.M. (NH1)

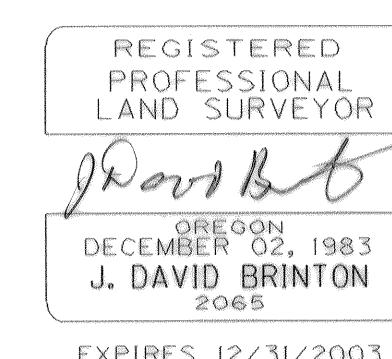
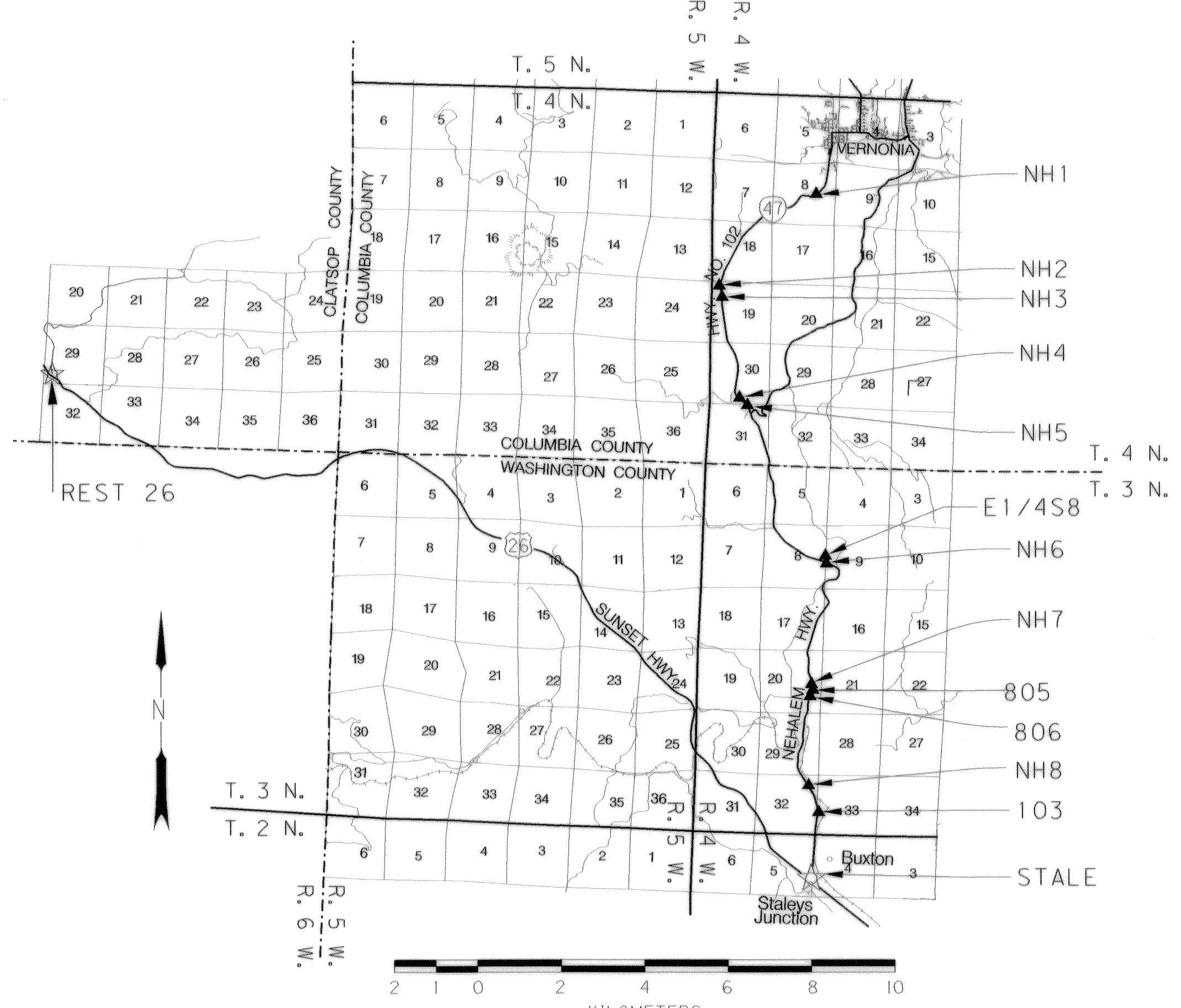
$\frac{1}{4}$ CORNER BETWEEN SEC. 8 AND SEC. 9 T. 3 N., R. 4 W., W.M. (E1/4S8)

LOCATED IN WASHINGTON AND COLUMBIA COUNTY, OREGON



LEGEND

- ★ FOUND GPS GEODETIC CONTROL STATION
- ▲ SET GEODETIC CONTROL STATION
- FOUND BENCH MARK
- GPS CONNECTION



METRIC SURVEY OREGON DEPARTMENT OF TRANSPORTATION
GEOMETRONICS HEADQUARTERS
200 HAWTHORNE AVE. SE, # B-250
SALEM, OR 97301-5193
(503)986-3103; FAX (503)986-3548

GPS NETWORK VERNONIA NCL-JCT. SUNSET HWY. NEHALEM RIVER HIGHWAY ALSO KNOW AS STATE ROUTE 47 GEOMETRONICS CONTROL FILE 03-012 FOR OREGON DEPARTMENT OF TRANSPORTATION GEOMETRONICS REGION 1		
COUNTY : WASHINGTON AND COLUMBIA	DRAWN BY: LP	KEY #: 11131
SURVEY DATE: JULY, 2003		FILE NAME: 11131GPS.DGN
		SHEET 1 OF 5

5087
10855087
1085

S.E. $\frac{1}{4}$ SEC. 5, T. 2 N., R. 4 W., W.M. (STALE)
 S.W. $\frac{1}{4}$ SEC. 33, T. 3 N., R. 4 W., W.M. (103)
 N.E. $\frac{1}{4}$ SEC. 32, T. 3 N., R. 4 W., W.M. (NH8)
 S.E. $\frac{1}{4}$ SEC. 20, T. 3 N., R. 4 W., W.M. (806)
 S.E. $\frac{1}{4}$ SEC. 20, T. 3 N., R. 4 W., W.M. (805)
 S.E. $\frac{1}{4}$ SEC. 20, T. 3 N., R. 4 W., W.M. (NH7)

S.E. $\frac{1}{4}$ SEC. 8, T. 3 N., R. 4 W., W.M. (NH6)
 S.E. $\frac{1}{4}$ SEC. 30, T. 4 N., R. 4 W., W.M. (NH5)
 S.W. $\frac{1}{4}$ SEC. 30, T. 4 N., R. 4 W., W.M. (NH4)
 N.W. $\frac{1}{4}$ SEC. 19, T. 4 N., R. 4 W., W.M. (NH3)
 N.W. $\frac{1}{4}$ SEC. 19, T. 4 N., R. 4 W., W.M. (NH2)
 N.E. $\frac{1}{4}$ SEC. 8, T. 4 N., R. 4 W., W.M. (NH1)

$\frac{1}{4}$ CORNER BETWEEN SEC. 8 AND SEC. 9 T. 3 N., R. 4 W., W.M. (E1/4S8)

LOCATED IN WASHINGTON AND COLUMBIA COUNTY, OREGON

SURVEY NARRATIVE

THIS SURVEY WAS PERFORMED FOR AND AT THE REQUEST OF BRIAN TANDY REPRESENTING GEOMETRONICS, REGION 1, OF THE OREGON DEPARTMENT OF TRANSPORTATION. THE PURPOSE OF THIS SURVEY IS TO ESTABLISH A CONTROL NETWORK FOR USE IN WRITING LEGAL DESCRIPTIONS FOR EASEMENTS, FOR THE ODOT PRELIMINARY ENGINEERING PROJECT VERNONIA NCL-JCT. SUNSET HWY., LOCATED ALONG THE NEHALEM RIVER HIGHWAY (*102), ALSO KNOWN AS STATE ROUTE NUMBER 47.

THE GPS PORTION OF THIS SURVEY WAS COMPLETED IN JULY OF 2003. GPS SESSIONS WERE OBSERVED USING LEICA SYSTEM 500 DUAL FREQUENCY GPS RECEIVERS MODEL SR530 AND ANTENNAS MODEL AT502 AND TERMINALS MODEL TR500. THE SYSTEM 500 HAS A STATED ACCURACY SPECIFICATION OF FIVE MILLIMETERS PLUS ONE PART-PER-MILLION WHEN USED IN STATIC OR RAPID-STATIC POST-PROCESSED MODE.

THE FIELD PROCEDURES ARE SUMMARIZED AS FOLLOWS. MONUMENTS WERE SET AS SHOWN ON SHEET 4 BY GEOMETRONICS, REGION 1 STAFF.

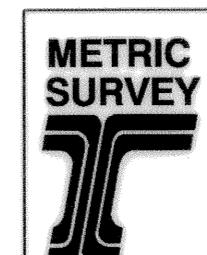
STATIC TIES WERE MADE TO THE PROJECT FROM ONE OR BOTH OF OREGON HIGH ACCURACY REFERENCE NETWORK (HARN) STATIONS "REST26" (PID RD4220) AND "STALE" (PID A12007). EACH OF THE STATIONS IN THE GPS NETWORK WERE OCCUPIED TWO OR MORE TIMES. ALL GPS OBSERVATIONS WERE COMPLETED BY ODOT GEOMETRONICS STAFF.

ANALYSIS AND ADJUSTMENT PROCEDURES ARE SUMMARIZED AS FOLLOWS. THE HORIZONTAL POSITIONS FOR THE SURVEY ARE BASED ON REFERENCE ELLIPSOID WGS84 AND NAD83(1998) PUBLISHED VALUES FOR OREGON HARN STATIONS "REST26" AND "STALE". ELEVATIONS ARE BASED ON NAVD88 PUBLISHED VALUES. REMAINING ORTHOMETRIC HEIGHTS WERE ESTABLISHED USING THE GPS DATA AND THE GEOID99 MODEL BY CONSTRAINING VERTICALLY TO THE INDICATED STATIONS.

ALL POST PROCESSING INCLUDING CONVERSION TO BOTH ORTHOMETRIC ELEVATIONS AND THE OREGON COORDINATE SYSTEM WAS COMPLETED USING VERSION 2.0 OF LEICA SKI PRO SOFTWARE. SKI PRO VERSION 2.0 CALLS A THIRD PARTY LEAST SQUARES ADJUSTMENT ROUTINE IDENTIFIED AS "MOVE3" VERSION 3.0.2. AN ADJUSTMENT WAS APPLIED TO A NETWORK OF 63 TOTAL BASELINES. DURING THE FINAL ADJUSTMENT, STATIONS "REST26" AND "STALE" WERE HELD HORIZONTALLY AND VERTICALLY.

POSITIONAL ACCURACIES PUBLISHED ARE RELATIVE TO THE FIXED POINTS AND ARE STATED AT A 95% CONFIDENCE LEVEL.

SUPPORTING DATA FOR THIS SURVEY IS LOCATED IN CONTROL FILE 03-012 OF THE ODOT GEOMETRONICS HEADQUARTERS, SALEM OREGON.



OREGON DEPARTMENT OF TRANSPORTATION
 GEOMETRONICS HEADQUARTERS
 200 HAWTHORNE AVE. SE, # B-250
 SALEM, OR 97301-5193
 (503)986-3103; FAX (503)986-3548

REGISTERED PROFESSIONAL LAND SURVEYOR	
<i>J. David Brinton</i>	
OREGON DECEMBER 02, 1983 J. DAVID BRINTON 2065	
EXPIRES 12/31/2003	

GPS NETWORK
 VERNONIA NCL-JCT. SUNSET HWY.
 NEHALEM RIVER HIGHWAY
 ALSO KNOW AS STATE ROUTE 47
 GEOMETRONICS CONTROL FILE 03-012
 FOR OREGON DEPARTMENT OF TRANSPORTATION GEOMETRONICS REGION 1

COUNTY : WASHINGTON AND COLUMBIA	DRAWN BY: LP	KEY #: 11131	SHEET 2	OF 5
SURVEY DATE: JULY, 2003			FILE NAME: 11131GPS.DGN	

5087
10/05/03

S.E. 1/4 SEC. 5, T. 2 N., R. 4 W., W.M. (STALE)	S.E. 1/4 SEC. 8, T. 3 N., R. 4 W., W.M. (NH6)
S.W. 1/4 SEC. 33, T. 3 N., R. 4 W., W.M. (103)	S.E. 1/4 SEC. 30, T. 4 N., R. 4 W., W.M. (NH5)
N.E. 1/4 SEC. 32, T. 3 N., R. 4 W., W.M. (NH8)	S.W. 1/4 SEC. 30, T. 4 N., R. 4 W., W.M. (NH4)
S.E. 1/4 SEC. 20, T. 3 N., R. 4 W., W.M. (806)	N.W. 1/4 SEC. 19, T. 4 N., R. 4 W., W.M. (NH3)
S.E. 1/4 SEC. 20, T. 3 N., R. 4 W., W.M. (805)	N.W. 1/4 SEC. 19, T. 4 N., R. 4 W., W.M. (NH2)
S.E. 1/4 SEC. 20, T. 3 N., R. 4 W., W.M. (NH7)	N.E. 1/4 SEC. 8, T. 4 N., R. 4 W., W.M. (NH1)

1/4 CORNER BETWEEN SEC. 8 AND SEC. 9 T. 3 N., R. 4 W., W.M. (E1/4S8)

LOCATED IN WASHINGTON AND COLUMBIA COUNTY, OREGON

MONUMENT INFORMATION

GRID COORDINATES ARE OREGON COORDINATE SYSTEM NORTH ZONE

HORIZONTAL DATUM IS NAD 83(1998)

VERTICAL DATUM IS NAVD 88

ALL LINEAR VALUES ARE EXPRESSED IN METERS.

VALUES MARKED WITH AN ASTERISK (*) WERE HELD

ORIENTATION AZIMUTHS ARE EXPRESSED IN WHOLE DEGREES TO THE RIGHT FROM LOCAL GEODETIC NORTH.

CONVERGENCE ANGLES FROM GEODETIC NORTH TO GRID NORTH ARE EXPRESSED IN DEGREES, MINUTES, AND SECONDS IN THE CLOCKWISE DIRECTION.

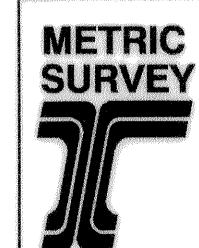
REFERENCE ELLIPSOID IS WGS84

GEOID SEPARATIONS ARE BASED ON GEOID 99

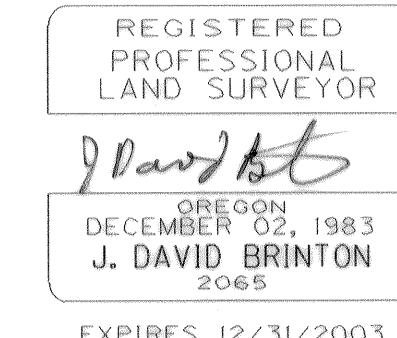
STATION	NORTHING	EASTING	LATITUDE	LONGITUDE	ELL. HT.	GEOID-SEP	ORTH. HT.
*103	229384.118	2290142.560	45 41 57.79673	123 11 42.84370	65.008	-21.623 ADJ	86.631
*805	232574.645	2289981.422	45 43 40.91205	123 11 55.21410	153.921	-21.529 ADJ	175.450
*806	232522.300	2289970.838	45 43 39.20600	123 11 55.62250	153.044	-21.530 ADJ	174.574
E1/4S8	235977.063	2290342.311	45 45 31.45033	123 11 43.78143	286.608	-21.466 ADJ	308.074
NH1	245457.629	2290123.983	45 50 38.12637	123 12 08.55089	170.490	-21.391 ADJ	191.881
NH2	243074.192	2287574.584	45 49 18.19163	123 14 02.89800	184.863	-21.285 ADJ	206.148
NH3	242834.014	2287638.789	45 49 10.48691	123 13 59.54894	185.627	-21.289 ADJ	206.916
NH4	240136.875	2288086.086	45 47 43.66379	123 13 34.62415	196.6783	-21.320 ADJ	217.998
NH5	239992.614	2288256.177	45 47 39.17949	123 13 26.52729	194.495	-21.329 ADJ	215.824
NH6	235881.641	2290335.938	45 45 28.35431	123 11 43.92889	240.328	-21.467 ADJ	261.795
NH7	232629.778	2289992.846	45 43 42.70926	123 11 54.77119	154.452	-21.528 ADJ	175.980
NH8	230005.481	2289885.321	45 42 17.63461	123 11 55.68776	77.234	-21.594 ADJ	98.828
REST26	240927.314	2269848.853	45 47 48.46305*	123 27 39.88203*	415.910*	-20.666 ADJ	436.576
STALE	227629.057	2289954.833	45 41 00.77540*	123 11 48.80915*	58.0300*	-21.649 ADJ	79.679

95% CONFIDENCE REGIONS

STATION	SEMI-MAJ	SEMI-MIN	ORIENT.	HEIGHT	CONVERGENCE	PROJECTION S.F.	COMBINED S.F.
103	0.0045	0.0028	01	0.0063	-1 54 41	0.99993746	0.99992387
805	0.0076	0.0054	-52	0.0098	-1 54 50	0.99994223	0.99991469
806	0.0097	0.0065	-25	0.0161	-1 54 50	0.99994214	0.99991475
E1/4S8	0.0021	0.0014	-01	0.0030	-1 54 41	0.99994761	0.99989927
NH1	0.0029	0.0019	-04	0.0041	-1 54 59	0.99996406	0.99993395
NH2	0.0037	0.0024	02	0.0050	-1 54 13	0.99995956	0.99992721
NH3	0.0035	0.0023	-12	0.0051	-1 56 18	0.99995913	0.99992666
NH4	0.0032	0.0022	-10	0.0047	-1 56 00	0.99995443	0.99992022
NH5	0.0029	0.0020	-08	0.0043	-1 55 55	0.99995419	0.99992032
NH6	0.0021	0.0014	-01	0.0030	-1 54 42	0.99994745	0.99990637
NH7	0.0051	0.0038	-23	0.0083	-1 54 50	0.99994231	0.99991470
NH8	0.0108	0.0090	-78	0.0234	-1 54 50	0.99993836	0.99992285
REST26	0.0000	0.0000	-84	0.0000	-2 06 00	0.99995469	0.99988618
STALE	0.0000	0.0000	-84	0.0000	-1 54 45	0.99993494	0.99992243



OREGON DEPARTMENT OF TRANSPORTATION
GEOMETRONICS HEADQUARTERS
200 HAWTHORNE AVE. SE, # B-250
SALEM, OR 97301-5193
(503)986-3103; FAX (503)986-3548



GPS NETWORK
VERNOMIA NCL-JCT. SUNSET HWY.
NEHALEM RIVER HIGHWAY
ALSO KNOWN AS STATE ROUTE 47
GEOMETRONICS CONTROL FILE 03-012
FOR OREGON DEPARTMENT OF TRANSPORTATION GEOMETRONICS REGION 1
COUNTY : WASHINGTON AND COLUMBIA DRAWN BY: LP KEY #: 11131 SHEET 3 OF 5
SURVEY DATE: JULY, 2003 FILE NAME: 11131GPS.DGN

5087
3085

4085
78254085
7825

S.E. $\frac{1}{4}$ SEC. 5, T. 2 N., R. 4 W., W.M. (STALE)
 S.W. $\frac{1}{4}$ SEC. 33, T. 3 N., R. 4 W., W.M. (103)
 N.E. $\frac{1}{4}$ SEC. 32, T. 3 N., R. 4 W., W.M. (NH8)
 S.E. $\frac{1}{4}$ SEC. 20, T. 3 N., R. 4 W., W.M. (806)
 S.E. $\frac{1}{4}$ SEC. 20, T. 3 N., R. 4 W., W.M. (805)
 S.E. $\frac{1}{4}$ SEC. 20, T. 3 N., R. 4 W., W.M. (NH7)

S.E. $\frac{1}{4}$ SEC. 8, T. 3 N., R. 4 W., W.M. (NH6)
 S.E. $\frac{1}{4}$ SEC. 30, T. 4 N., R. 4 W., W.M. (NH5)
 S.W. $\frac{1}{4}$ SEC. 30, T. 4 N., R. 4 W., W.M. (NH4)
 N.W. $\frac{1}{4}$ SEC. 19, T. 4 N., R. 4 W., W.M. (NH3)
 N.W. $\frac{1}{4}$ SEC. 19, T. 4 N., R. 4 W., W.M. (NH2)
 N.E. $\frac{1}{4}$ SEC. 8, T. 4 N., R. 4 W., W.M. (NH1)

$\frac{1}{4}$ CORNER BETWEEN SEC. 8 AND SEC. 9 T. 3 N., R. 4 W., W.M. (E1/4S8)

LOCATED IN WASHINGTON AND COLUMBIA COUNTY, OREGON

103

SET PK NAIL AND $1\frac{1}{2}$ " WASHER IN A HUB
 STAMPED AS SHOWN.
 AT THE NORTH END OF GUARDRAIL, 4 FEET
 EAST OF THE EAST EDGE OF PAVEMENT.
 THE WASHER IS STAMPED AS SHOWN.
 0.75 MILES. NORTH OF FISHER RD.



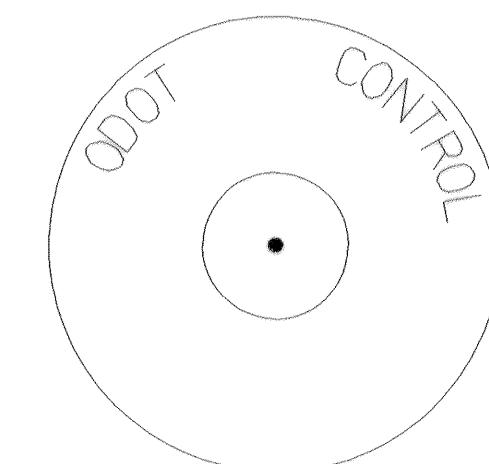
NH4

SET $\frac{5}{8}$ " X 30" IRON ROD WITH A $1\frac{1}{2}$ " BRASS CAP
 STAMPED AS SHOWN.
 3.5 FEET EAST OF THE EAST EDGE OF PAVEMENT,
 AND 1400 FEET NORTH OF MCDONALD RD.



805

SET PK NAIL AND $1\frac{1}{2}$ " WASHER IN A HUB
 STAMPED AS SHOWN.



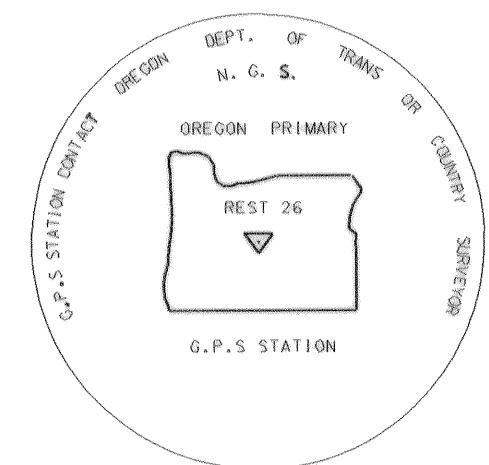
NH8

SET $\frac{5}{8}$ " X 30" IRON ROD WITH $1\frac{1}{2}$ " BRASS CAP
 STAMPED AS SHOWN.
 17 FEET EAST OF EAST EDGE OF PAVEMENT,
 AND 1.2 MILES NORTH OF FISHER RD.



REST 26

REFER TO NGS DATA SHEET, PID RD4220
 STAMPED AS SHOWN.



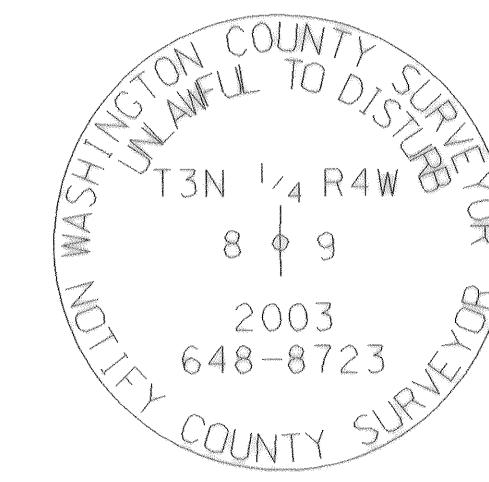
STALE

REFER TO NGS DATA SHEET, PID AI2007
 STAMPED AS SHOWN.

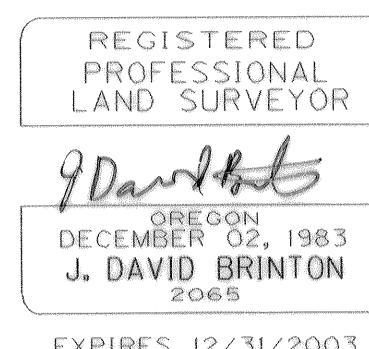


E1/4S8

REFER TO COUNTY RECORDS FOR MORE
 DETAILED INFORMATION
 STAMPED AS SHOWN.



OREGON DEPARTMENT OF TRANSPORTATION
 GEOMETRICS HEADQUARTERS
 200 HAWTHORNE AVE. SE, # B-250
 SALEM, OR 97301-5193
 (503)986-3103; FAX (503)986-3548



GPS NETWORK
 VERNONIA NCL-JCT. SUNSET HWY.
 NEHALEM RIVER HIGHWAY
 ALSO KNOWN AS STATE ROUTE 47
 GEOMETRICS CONTROL FILE 03-012
 FOR OREGON DEPARTMENT OF TRANSPORTATION GEOMETRICS REGION 1

COUNTY : WASHINGTON AND COLUMBIA	DRAWN BY: LP	KEY #: 11131	SHEET 4	OF 5
SURVEY DATE: JULY, 2003				FILE NAME: 11131GPS.DGN

5087
4085

S.E. $\frac{1}{4}$ SEC. 5, T. 2 N., R. 4 W., W.M. (STALE)
 S.W. $\frac{1}{4}$ SEC. 33, T. 3 N., R. 4 W., W.M. (103)
 N.E. $\frac{1}{4}$ SEC. 32, T. 3 N., R. 4 W., W.M. (NH8)
 S.E. $\frac{1}{4}$ SEC. 20, T. 3 N., R. 4 W., W.M. (806)
 S.E. $\frac{1}{4}$ SEC. 20, T. 3 N., R. 4 W., W.M. (805)
 S.E. $\frac{1}{4}$ SEC. 20, T. 3 N., R. 4 W., W.M. (NH7)

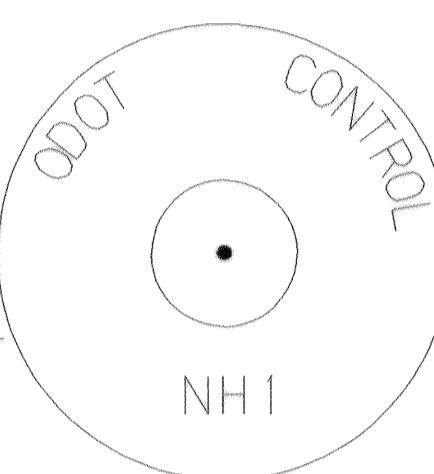
S.E. $\frac{1}{4}$ SEC. 8, T. 3 N., R. 4 W., W.M. (NH6)
 S.E. $\frac{1}{4}$ SEC. 30, T. 4 N., R. 4 W., W.M. (NH5)
 S.W. $\frac{1}{4}$ SEC. 30, T. 4 N., R. 4 W., W.M. (NH4)
 N.W. $\frac{1}{4}$ SEC. 19, T. 4 N., R. 4 W., W.M. (NH3)
 N.W. $\frac{1}{4}$ SEC. 19, T. 4 N., R. 4 W., W.M. (NH2)
 N.E. $\frac{1}{4}$ SEC. 8, T. 4 N., R. 4 W., W.M. (NH1)

$\frac{1}{4}$ CORNER BETWEEN SEC. 8 AND SEC. 9 T. 3 N., R. 4 W., W.M. (E1/4S8)

LOCATED IN WASHINGTON AND COLUMBIA COUNTY, OREGON

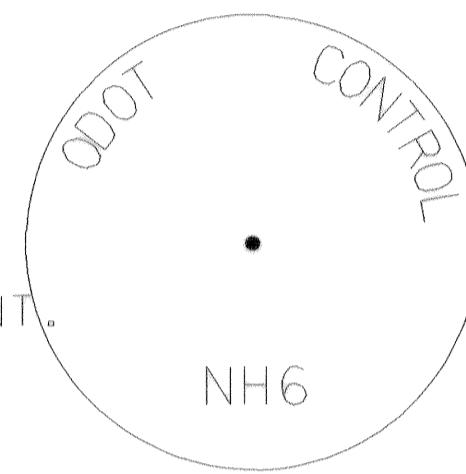
NH1

SET $\frac{5}{8}$ " X30" IRON ROD WITH 1 $\frac{1}{2}$ " BRASS CAP
 STAMPED AS SHOWN.
 AT THE NORTH END OF THE NEHALEM RIVER BR.
 190 FEET NORTH OF THE NEHALEM RIVER
 0.5 FEET EAST OF THE WEST EDGE OF PAVEMENT
 290 FEET SOUTH OF SHELLY CREEK RD.



NH6

SET $\frac{5}{8}$ " X30" IRON ROD WITH 1 $\frac{1}{2}$ " BRASS CAP
 STAMPED AS SHOWN.
 IN CLEARCUT 500 FEET SOUTH OF RAILROAD
 TRESSLE, 7 FEET EAST OF EAST EDGE OF PAVEMENT.
 1300 FEET NORTH OF PEBBLE CREEK RD.



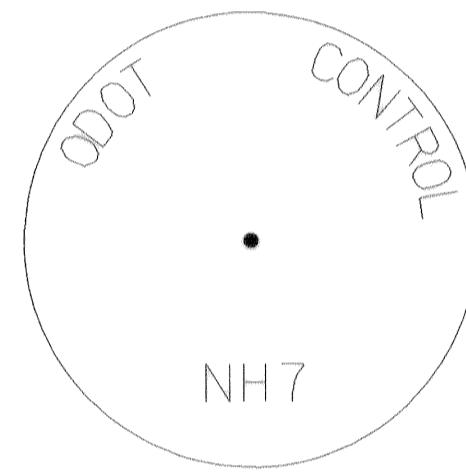
NH2

SET $\frac{5}{8}$ " X30" IRON ROD WITH 1 $\frac{1}{2}$ " BRASS CAP
 STAMPED AS SHOWN.
 POINT IS AT 56959 NEHALEM RIVER HIGHWAY
 3 FEET WEST OF THE WEST EDGE OF PAVEMENT.
 1.5 MILES SOUTH OF ADAMS RD.



NH7

SET $\frac{5}{8}$ " X30" IRON ROD WITH 1 $\frac{1}{2}$ " BRASS CAP
 STAMPED AS SHOWN.
 7 FEET EAST OF EAST EDGE OF PAVEMENT.
 1500 FEET NORT OF NOWAKOWSKI RD.



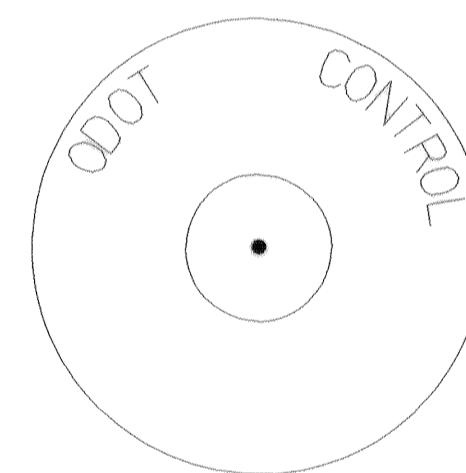
NH3

SET $\frac{5}{8}$ " X30" IRON ROD WITH 1 $\frac{1}{2}$ " BRASS CAP
 STAMPED AS SHOWN.
 POINT IS AT 56771 NEHALEM RIVER HIGHWAY
 3 FEET WEST OF THE WEST EDGE OF PAVEMENT.
 1.6 MILES SOUTH OF ADAMS RD.



806

SET PK NAIL AND 1 $\frac{1}{2}$ " WASHER IN A HUB
 STAMPED AS SHOWN.



NH5

SET $\frac{5}{8}$ " X30" IRON ROD WITH 1 $\frac{1}{2}$ " BRASS CAP
 STAMPED AS SHOWN.
 22 FEET FROM THE NW CORNER OF CHAIN LINK
 FENCE, 43 FEET FROM WOEC POLE #267098
 AND 4.5 FEET EASTERLY OF EDGE OF PAVEMENT.
 1000 FEET NORTH OF McDONALD RD.



OREGON DEPARTMENT OF TRANSPORTATION
 GEOMETRONICS HEADQUARTERS
 200 HAWTHORNE AVE. SE, # B-250
 SALEM, OR 97301-5193
 (503)986-3103; FAX (503)986-3548

REGISTERED PROFESSIONAL LAND SURVEYOR
<i>J. David Brinton</i>
OREGON DECEMBER 02, 1983 J. DAVID BRINTON 2065
EXPIRES 12/31/2003

GPS NETWORK VERNOMIA NCL-JCT. SUNSET HWY. NEHALEM RIVER HIGHWAY ALSO KNOW AS STATE ROUTE 47 GEOMETRONICS CONTROL FILE 03-012 FOR OREGON DEPARTMENT OF TRANSPORTATION GEOMETRONICS REGION 1		
COUNTY : WASHINGTON AND COLUMBIA	DRAWN BY: LP	KEY #: 11131
SURVEY DATE: JULY, 2003		FILE NAME: 11131GPS.DGN
		SHEET 5 OF 5