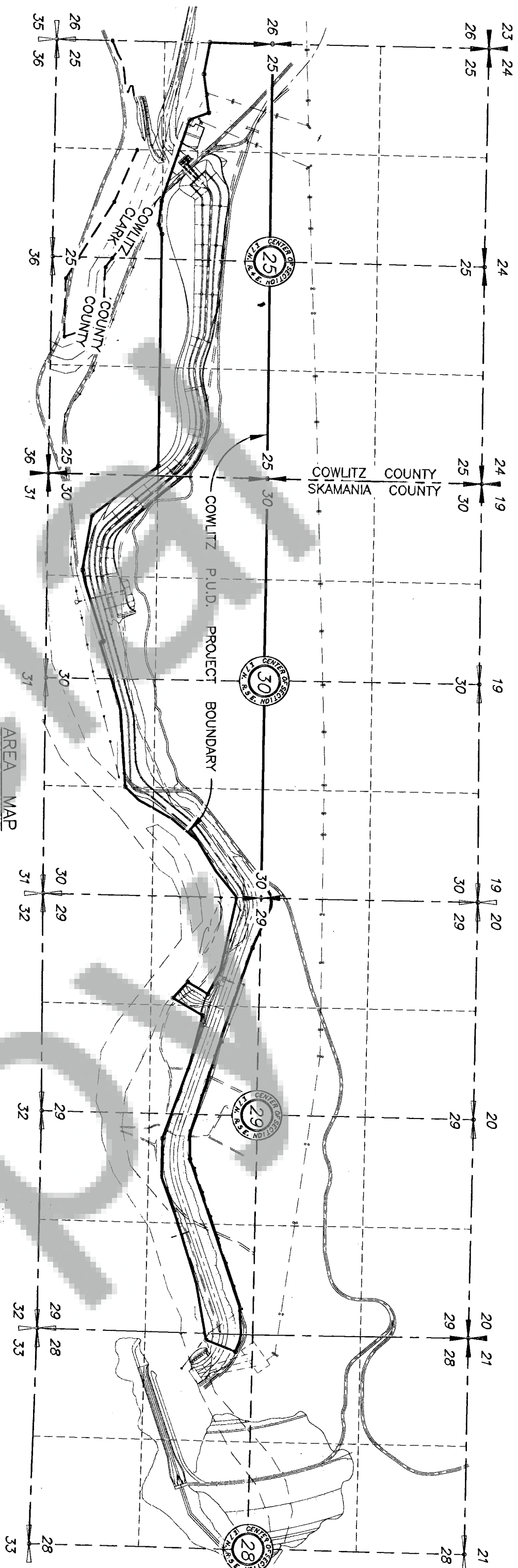




AREA MAP

REFERENCE SURVEYS

1. RECORD OF SURVEY FILED IN BOOK 20 PAGE 93 (Sec. 25)
2. RECORD OF SURVEY FILED IN BOOK 25 PAGE 81, 82, 83 (Sec 25)
3. RECORD OF SURVEY FILED IN BOOK 3 PAGE 31, 4 (Sec 30)
4. PACIFICORP FERC PROJECT NO. 2213 WASHINGTON, SWIFT NO. 2, HYDROELECTRIC PROJECT, EXHIBIT "K" (REVISED) SHEET 1 THROUGH 4, DATED NOV. 29, 1956.
5. AS-BUILT DRAWING FILED WITH PUBLIC UTILITY DISTRICT NO. 1 OF COWLITZ COUNTY, WASHINGTON ON AUGUST 30, 2006 FOLLOWING COMPLETION OF THE RECONSTRUCTION OF PROJECT NO. 2213.

DATE OF SURVEY: NOVEMBER 2005 TO NOVEMBER 2006

DATE OF CORNER RECOVERY: NOVEMBER 2005 AND NOVEMBER 2006

BASIS OF BEARINGS: WASHINGTON COORDINATE SYSTEM, SOUTH ZONE, NAD 83(1998). DISTANCES SHOWN ARE GRID DISTANCES IN US SURVEY FEET.

METHOD OF SURVEY: THIS SURVEY WAS EXECUTED WITH A LEICA TOR-1101 TOTAL STATION USING FIELD SURVEY TRAVERSE METHODS AND TRIMBLE 5700 GPS RECEIVERS USING RTK FIELD SURVEY METHODS. GPS TIES WERE MADE TO "WOODAIR" AND "YALE". GPS OBSERVATIONS WERE MADE TO PRIMARY CONTROL POINTS. CORNERS SHOWN WERE EITHER DIRECTLY OBSERVED OR TIED WITH A CONVENTIONAL TRAVERSE ORIENTED TO THE ABOVE GPS POINTS WHICH MET THE REQUIREMENTS OF WAC 332-130-090.

PURPOSE OF SURVEY AND NARRATIVE:

THE PURPOSE OF THIS SURVEY IS TO RETRACE THE BOUNDARY OF THE FERC PROJECT NO. 2213 AS SHOWN IN THE SWIFT NO. 2 HYDROELECTRIC PROJECT, EXHIBIT "K", SHEET 1 THROUGH 4, DATED NOVEMBER 29, 1956 BY PETTIJOHN ENGINEERING FOR THE PUBLIC UTILITY DISTRICT NO. 1 OF COWLITZ COUNTY, WASHINGTON.

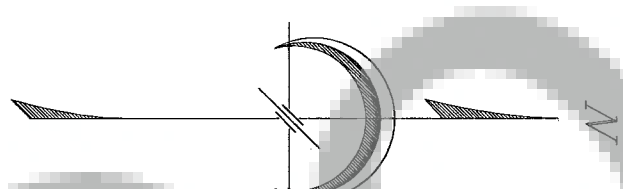
PUBLIC LAND SURVEY (PLS) CORNERS AND DNR MONUMENTS REFERENCED IN THE PETTIJOHN SURVEY WERE FOUND, TIED AND HELD AS SHOWN HEREON. THE ORIGINAL PROJECT CORNER MONUMENTS WERE SEARCHED FOR AND NOT FOUND. THE PROJECT BOUNDARY WAS RETRACED AND REMONUMENTED BY HOLDING THE POSITIONS OF THE PLS CORNERS FOUND AND PROKATING THE PETTIJOHN PROJECT BOUNDARY SURVEY BEARINGS AND DISTANCES BETWEEN AND ALONG SECTION LINES AND ALONG THE PROJECT BOUNDARY FROM THE WEST 1/4 CORNER OF SECTION 25, 7TN-R4E THROUGH SECTIONS 30, 29, AND 28 OF 7TN, R5E, W.M. TO THE NW CORNER OF SECTION 28.

A COMBINATION OF GPS AND TOTAL STATION TRAVERSE WAS USED TO SET AND TIE THE CORNERS. ONLY PERTINENT CORNERS WERE SET AS SHOWN HEREON AS DIRECTED BY COWLITZ PUD NO. 1.

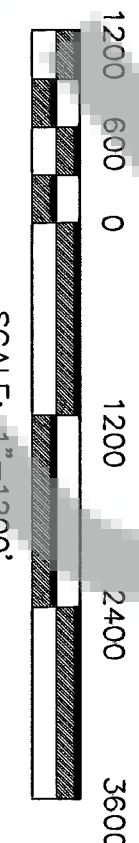
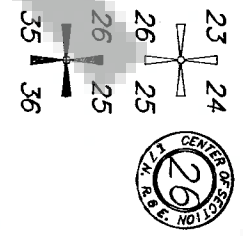
PROJECT BOUNDARY LEGAL DESCRIPTION

COMMENCING FROM A POINT, BEING THE WEST 1/4 CORNER OF SECTION 25, TOWNSHIP 7 NORTH, RANGE 4 EAST, WILLAMETTE MERIDIAN, WASHINGTON, WHICH IS THE POINT OF BEGINNING:

THENCE SOUTH 89°16'35" EAST A DISTANCE OF 2635.05 FEET TO A POINT;
THENCE SOUTH 89°16'35" EAST A DISTANCE OF 2638.16 FEET TO A POINT;
THENCE SOUTH 89°07'55" EAST A DISTANCE OF 2446.72 FEET TO A POINT;
THENCE SOUTH 89°07'55" EAST A DISTANCE OF 2322.34 FEET TO A POINT;
THENCE SOUTH 37°15'41" EAST A DISTANCE OF 42.68 FEET TO A POINT;
THENCE NORTH 57°35'11" EAST A DISTANCE OF 61.17 FEET TO A POINT;
THENCE NORTH 57°35'01" EAST A DISTANCE OF 53.59 FEET TO A POINT;
THENCE NORTH 62°25'53" EAST A DISTANCE OF 165.75 FEET TO A POINT;
THENCE NORTH 75°00'30" EAST A DISTANCE OF 42.92 FEET TO A POINT;
THENCE SOUTH 66°37'25" EAST A DISTANCE OF 115.75 FEET TO A POINT;
THENCE SOUTH 65°32'25" EAST A DISTANCE OF 291.57 FEET TO A POINT;
THENCE SOUTH 65°32'31" EAST A DISTANCE OF 242.73 FEET TO A POINT;
THENCE SOUTH 70°55'18" EAST A DISTANCE OF 1118.28 FEET TO A POINT;
THENCE SOUTH 72°03'51" EAST A DISTANCE OF 1006.02 FEET TO A POINT;
THENCE SOUTH 72°04'28" EAST A DISTANCE OF 275.00 FEET TO A POINT;
THENCE NORTH 88°18'22" EAST A DISTANCE OF 284.15 FEET TO A POINT;
THENCE NORTH 71°21'42" EAST A DISTANCE OF 1873.10 FEET TO A POINT;
THENCE NORTH 86°45'47" EAST A DISTANCE OF 348.45 FEET TO A POINT;
THENCE SOUTH 77°06'15" EAST A DISTANCE OF 90.05 FEET TO A POINT;
THENCE SOUTH 68°18'25" EAST A DISTANCE OF 130.00 FEET TO A POINT;
THENCE SOUTH 21°33'40" WEST A DISTANCE OF 382.59 FEET TO A POINT;
THENCE SOUTH 80°13'41" WEST A DISTANCE OF 82.63 FEET TO A POINT;
THENCE SOUTH 80°13'21" WEST A DISTANCE OF 611.54 FEET TO A POINT;
THENCE SOUTH 73°00'41" WEST A DISTANCE OF 826.13 FEET TO A POINT;
THENCE SOUTH 70°19'16" WEST A DISTANCE OF 527.89 FEET TO A POINT;
THENCE NORTH 88°57'04" WEST A DISTANCE OF 465.72 FEET TO A POINT;
THENCE NORTH 69°47'14" WEST A DISTANCE OF 326.30 FEET TO A POINT;
THENCE NORTH 69°46'47" WEST A DISTANCE OF 641.10 FEET TO A POINT;
THENCE NORTH 75°17'17" WEST A DISTANCE OF 607.67 FEET TO A POINT;
THENCE SOUTH 30°30'28" WEST A DISTANCE OF 419.84 FEET TO A POINT;
THENCE NORTH 46°53'12" WEST A DISTANCE OF 264.90 FEET TO A POINT;
THENCE NORTH 30°30'28" EAST A DISTANCE OF 283.72 FEET TO A POINT;
THENCE NORTH 61°23'57" WEST A DISTANCE OF 315.20 FEET TO A POINT;
THENCE NORTH 77°17'57" WEST A DISTANCE OF 911.71 FEET TO A POINT;
THENCE SOUTH 51°43'42" WEST A DISTANCE OF 408.20 FEET TO A POINT;
THENCE SOUTH 58°21'32" WEST A DISTANCE OF 427.97 FEET TO A POINT;
THENCE SOUTH 40°02'42" WEST A DISTANCE OF 404.97 FEET TO A POINT;
THENCE SOUTH 30°08'12" WEST A DISTANCE OF 466.62 FEET TO A POINT;
THENCE SOUTH 44°16'52" WEST A DISTANCE OF 226.69 FEET TO A POINT;
THENCE SOUTH 86°41'07" WEST A DISTANCE OF 920.17 FEET TO A POINT;
THENCE SOUTH 75°55'03" WEST A DISTANCE OF 166.29 FEET TO A POINT;
THENCE SOUTH 72°46'47" WEST A DISTANCE OF 245.43 FEET TO A POINT;
THENCE SOUTH 72°46'48" WEST A DISTANCE OF 458.01 FEET TO A POINT;
THENCE NORTH 17°13'12" WEST A DISTANCE OF 42.00 FEET TO A POINT;
THENCE SOUTH 72°46'48" WEST A DISTANCE OF 738.84 FEET TO A POINT;
THENCE SOUTH 77°38'18" WEST A DISTANCE OF 160.85 FEET TO A POINT;
THENCE NORTH 80°02'02" WEST A DISTANCE OF 671.79 FEET TO A POINT;
THENCE NORTH 36°48'32" WEST A DISTANCE OF 804.22 FEET TO A POINT;
THENCE NORTH 37°20'34" WEST A DISTANCE OF 192.54 FEET TO A POINT;
THENCE NORTH 89°02'32" WEST A DISTANCE OF 2512.91 FEET TO A POINT;
THENCE NORTH 89°03'30" WEST A DISTANCE OF 299.90 FEET TO A POINT;
THENCE SOUTH 71°57'19" WEST A DISTANCE OF 124.95 FEET TO A POINT;
THENCE NORTH 83°00'36" WEST A DISTANCE OF 285.69 FEET TO A POINT;
THENCE NORTH 70°50'16" WEST A DISTANCE OF 1040.99 FEET TO A POINT;
THENCE NORTH 19°31'16" WEST A DISTANCE OF 244.83 FEET TO A POINT;
THENCE SOUTH 82°54'54" WEST A DISTANCE OF 471.44 FEET TO A POINT;
THENCE NORTH 78°59'36" WEST A DISTANCE OF 391.87 FEET TO A POINT;
THENCE NORTH 01°21'09" EAST A DISTANCE OF 755.06 FEET TO THE POINT OF BEGINNING, CONTAINING 385.00 ACRES MORE OR LESS.



LEGEND



SCALE: 1"=1200'

RECORD OF SURVEY
Section 25 in Township 7 North, Range 4 East, W.M.
Cowlitz County, WA
Sections 30, 29 and 28 in Township 7 North, Range 5 East, W.M.
Skamania County, WA

SURVEYOR'S CERTIFICATE

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING ACT AT THE REQUEST OF COWLITZ PUBLIC UTILITY DISTRICT NO. 1

DATED DECEMBER 29, 2006.

Mark R. Heidecke
Registered Land Surveyor L.S. No. 28407



AUDITOR'S CERTIFICATE

STATE OF WASHINGTON
COUNTY OF COWLITZ

I HEREBY CERTIFY THAT THE WITHIN INSTRUMENT OF WRITING FILED BY _____ OF _____ AT _____ WAS RECORDED IN AUDITOR'S FILE NUMBER _____

ON _____, 2007.

WAS RECORDED IN AUDITOR'S FILE NUMBER _____

RECORDED BY COWLITZ COUNTY WASHINGTON

COUNTY AUDITOR

AUDITOR'S CERTIFICATE

STATE OF WASHINGTON
COUNTY OF SKAMANIA

I HEREBY CERTIFY THAT THE WITHIN INSTRUMENT OF WRITING FILED BY _____ OF _____ AT _____ WAS RECORDED IN AUDITOR'S FILE NUMBER _____

Finley Engineering OF Beaverton, OR AT 3:49 PM ON January 9th, 2007

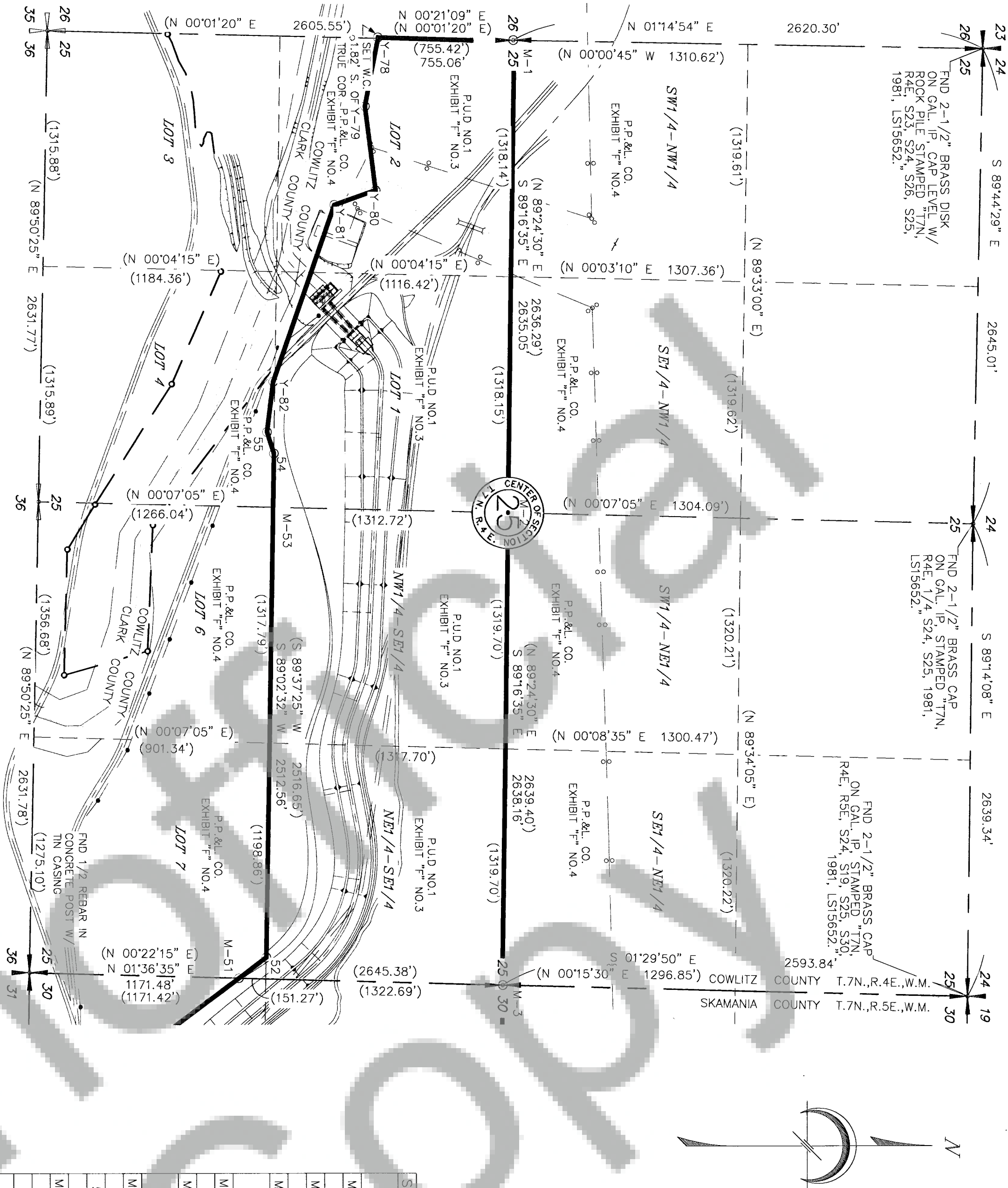
WAS RECORDED IN AUDITOR'S FILE NUMBER 2007164447

RECORDED BY SKAMANIA COUNTY WASHINGTON

J. Michael Garrison
COUNTY AUDITOR

RECORD OF SURVEY			
COWLITZ AND SKAMANIA COUNTY			
Sec. 25, 7TN-R4E & Sec 30, 29, and 28, 7TN-R5E, WILLAMETTE MERIDIAN, WASHINGTON	DRAWN BY: JMB	DATE: 12/29/06	
	CHECKED BY: DCL		
	APPROVED: MWH		
	SCALE: 1" = 1200'	DATE: N/A	
	DRAWING NO.: COWLITZ ROS	REV. NO.	0

RECORD OF SURVEY
Section 25 in Township 7 North, Range
4 East, W.M.
Cowlitz County, WA

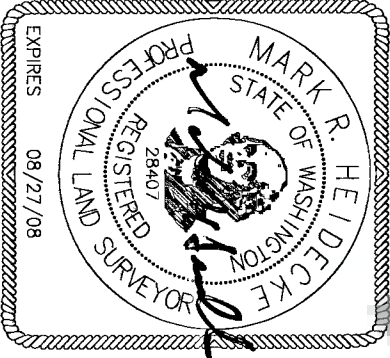
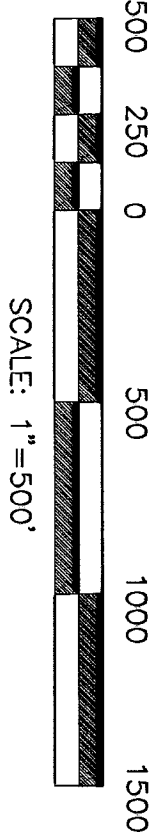


PROJECT
BOUNDARY – MEASURED

STA.	BEARING	DIST.	REMARKS
NORTH SIDE			
M-1	S89°16'35"E	2635.05	W. 1/4 COR. SEC. 25
M-2	S89°16'35"E	2638.16	CTR. SEC. 25
M-3			E. 1/4 COR. SEC. 25
WEST SIDE			
M-78	N01°21'09"E	755.06	YALE PROU. BDRY.
M-1			W. 1/4 COR. SEC. 25
SOUTH SIDE			
M-51	N37°20'34"W	192.54	E. LINE SEC. 25
52	S89°02'32"W	2512.91	
M-53	S89°03'30"W	299.90	CTR. SEC. LINE
54	S71°57'19"W	124.95	
55	N83°00'36"W	285.69	
Y-82	N70°50'16"W	1040.99	YALE PROU. BDRY.
Y-81	N19°31'16"W	244.83	YALE PROU. BDRY.
Y-80	S82°54'54"W	471.44	YALE PROU. BDRY.
Y-79	N78°59'36"W	391.87	YALE PROU. BDRY.
M-78			YALE PROU. BDRY.

PROJECT
BOUNDARY – (RECORD)

STA.	BEARING	DIST.	REMARKS
NORTH SIDE			
M-1	N89°24'30"E	2636.29	W. 1/4 COR. SEC. 25
M-2	N89°24'30"E	2639.40	CTR. SEC. 25
M-3			E. 1/4 COR. SEC. 25
WEST SIDE			
M-78	N00°1'20"E	755.42	YALE PROU. BDRY.
M-1			W. 1/4 COR. SEC. 25
SOUTH SIDE			
M-51	N38°08'45"W	191.34	E. LINE SEC. 25
52	S89°37'25"W	2516.65	
M-53	S89°37'25"W	300.00	CTR. SEC. LINE
54	S70°38'20"W	125.00	
55	N84°19'35"W	285.81	
Y-82	N22°09'15"W	1041.41	YALE PROU. BDRY.
Y-81	N20°50'15"W	244.93	YALE PROU. BDRY.
Y-80	S81°35'55"W	471.63	YALE PROU. BDRY.
Y-79	N80°18'35"W	392.03	YALE PROU. BDRY.
M-78			YALE PROU. BDRY.

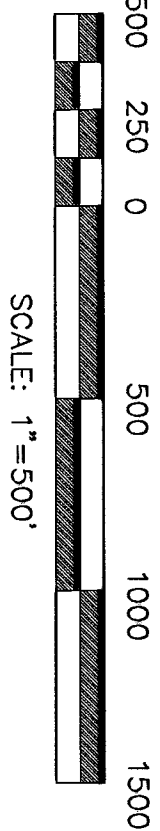
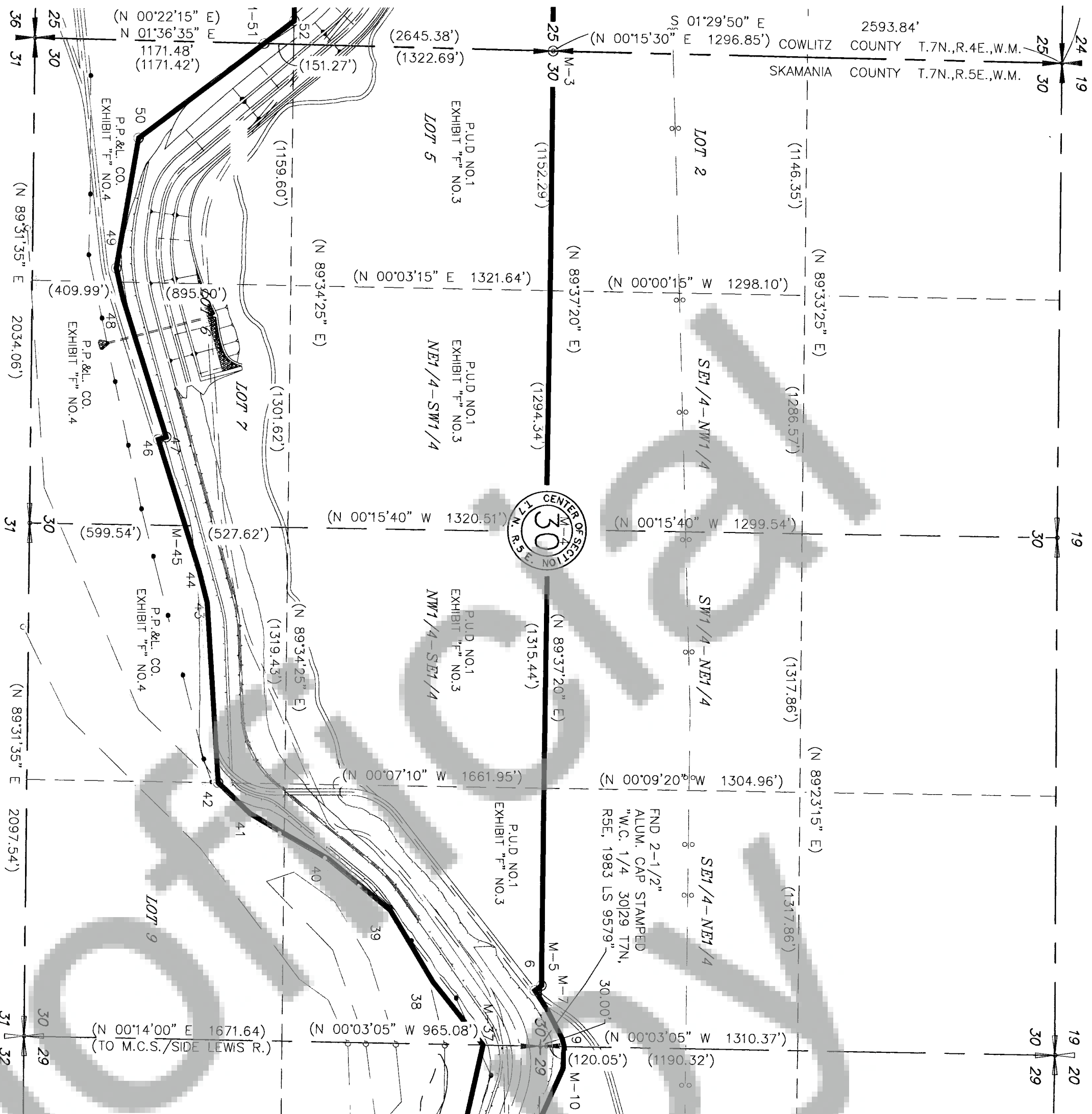
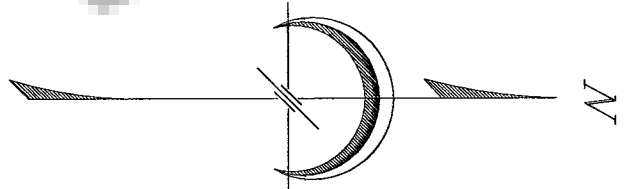


FINLEY ENGINEERING COMPANY, INC.
dba G. E. RALEIGH AND ASSOCIATES
Twin Oaks Suite B-250
1800 NW 169th Place
BEAVERTON, OREGON 97006
Phone: (503) 466-9460 Fax: (503) 466-9979

RECORD OF SURVEY COWLITZ COUNTY		DRAWN BY: JMB	DATE: 12/29/06
		CHECKED BY: DCL	
		APPROVED: WRH	
IN SECTION 25, TOWNSHIP 7 NORTH, RANGE 4 EAST, WILAMETTE MERIDIAN, COWLITZ COUNTY, WASHINGTON		SCALE: 1" = 500'	SCALE: N/A
		DRAWING NO.: COWLITZ_ROS	REV. NO. 0

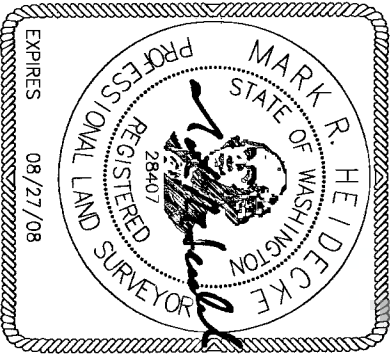
RECORD OF SURVEY
Section 30 in Township 7 North,
Range 5 East, W.M.
Skamania County, WA

PROJECT
BOUNDARY — MEASURED



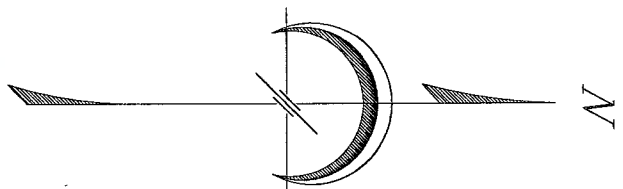
PROJECT				PROJECT			
BOUNDARY — MEASURED				BOUNDARY — (RECORD)			
STA.	BEARING	DIST.	REMARKS	STA.	BEARING	DIST.	REMARKS
NORTH SIDE				NORTH SIDE			
M-3	N89°07'55"E	2446.72	W. 1/4 COR. SEC. 30	M-3	N89°37'20"E	2446.63	W. 1/4 COR. SEC. 30
M-4	N89°07'55"E	2322.34	CEN. SEC. 30	M-4	N89°37'20"E	2322.25	CEN. SEC. 30
M-5	S37°15'41"E	42.68	CEN. SEC. LINE (E.-W.)	M-5	S38°30'41"E	42.68	CEN. SEC. LINE (E.-W.)
6	N57°35'11"E	61.17		6	N56°20'11"E	61.17	
M-7	N57°35'05"E	53.59	CEN. SEC. LINE (E.-W.)	M-7	N56°20'11"E	53.59	CEN. SEC. LINE (E.-W.)
8	N62°25'53"E	165.74		8	N61°11'03"E	165.76	
9	N75°00'30"E	42.92		9	N73°45'40"E	42.92	
M-10			E. LINE SEC. 30	M-10			E. LINE SEC. 30
SOUTH SIDE				SOUTH SIDE			
M-37	S51°43'42"W	408.20	E. LINE SEC. 30	M-37	S50°29'00"W	408.20	E. LINE SEC. 30
38	S59°21'32"W	427.97		38	S58°06'50"W	427.97	
39	S40°02'47"W	404.97		39	S38°48'05"W	404.97	
40	S30°08'12"W	466.62		40	S28°53'30"W	466.62	
41	S44°16'52"W	226.69		41	S43°02'10"W	226.69	
42	S86°41'07"W	920.17		42	S85°26'25"W	920.18	
43	S75°55'03"W	166.29		43	S74°40'21"W	166.29	
44	S72°46'47"W	245.43		44	S71°32'05"W	245.43	
M-45	S72°46'48"W	458.01	CEN. SEC. LINE (N.-S.)	M-45	S71°32'05"W	458.00	CEN. SEC. LINE (N.-S.)
46	N17°13'12"W	42.00		46	N18°27'55"W	42.00	
47	S72°46'48"W	738.84		47	S71°32'05"W	738.82	
48	S77°38'18"W	160.85		48	S76°23'35"W	160.85	
49	N80°02'02"W	671.79		49	N81°16'45"W	671.77	
50	N36°48'32"W	804.22		50	N38°03'15"W	804.20	
M-51			W. LINE — SEC. 30	M-51			W. LINE — SEC. 30

PINLEY ENGINEERING COMPANY, INC.
dba G. E. RALEIGH AND ASSOCIATES
Twin Oaks Suite B-250
1800 NW 169th Place
BEAVERTON, OREGON 97006
Phone: (503) 466-9460 Fax: (503) 466-9979

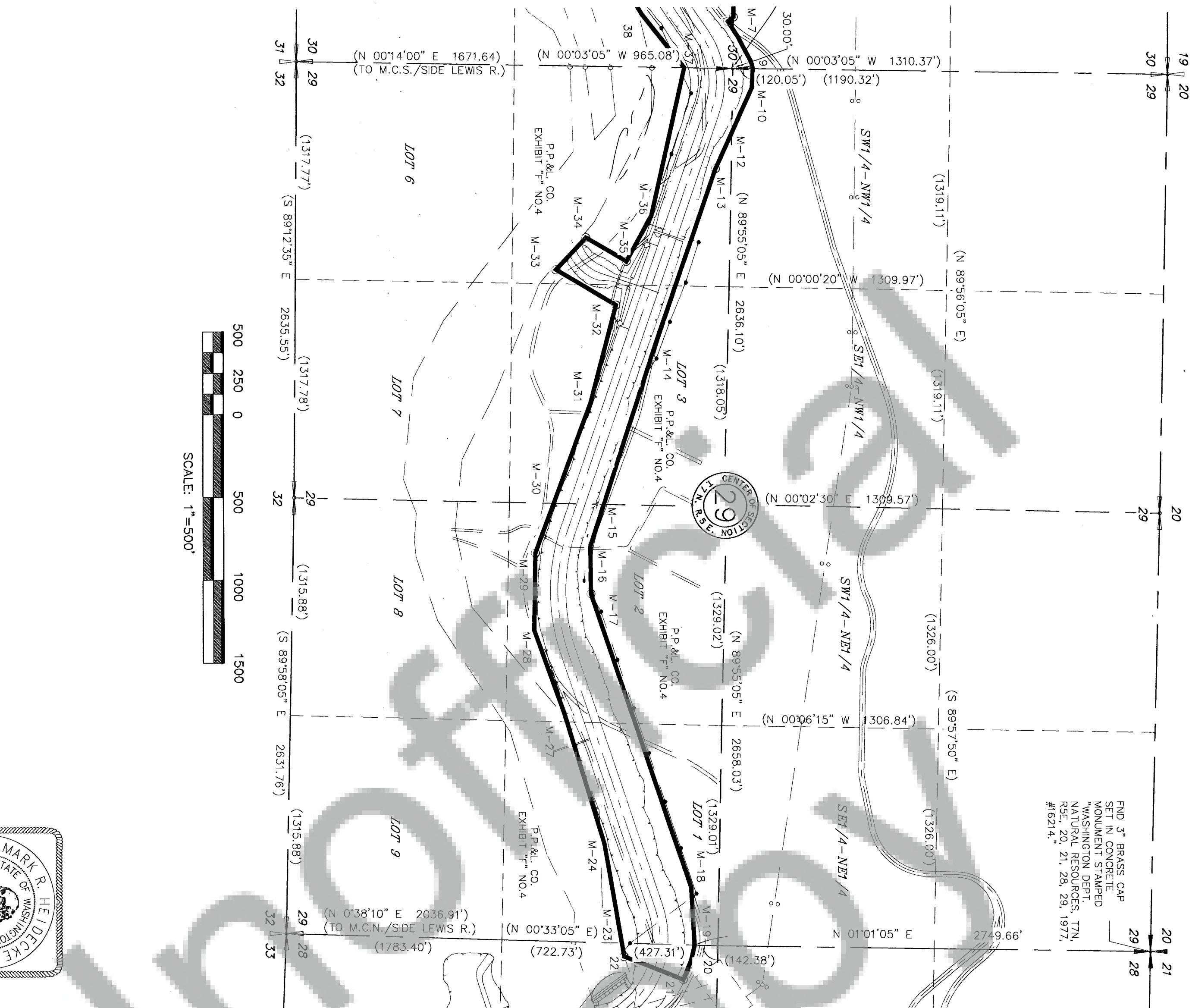


RECORD OF SURVEY		DRAWN BY: JMB	DATE: 12/29/06
SKAMANIA COUNTY		CHECKED BY: DCL	
		APPROVED BY: MRH	
		APPROVED BY:	
IN SECTION 30, TOWNSHIP 7 NORTH, RANGE 5 EAST,		SCALE: 1" = 500'	VER. SCALE: N/A
WILLAMETTE MERIDIAN, SKAMANIA COUNTY, WASHINGTON		DRAWING NO.: COWLITZ_ROS	REV. NO. 0

RECORD OF SURVEY
Section 29 in Township 7 North, Range
5 East, W.M.
Skamania County, WA



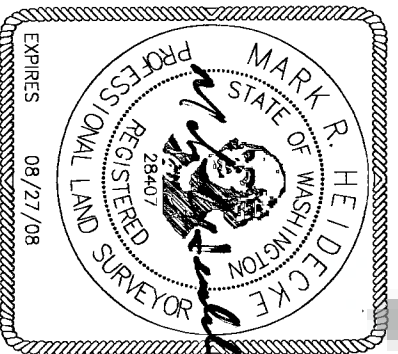
PROJECT
BOUNDARY – MEASURED



STA.	BEARING	DIST.	REMARKS
NORTH SIDE			
M-10	S86°37'25"E	115.75	W. LINE SEC. 29
11	S66°32'25"E	291.57	
M-12	S65°32'32"E	242.73	CEN. SEC. LINE (E.-W.)
13	S70°55'19"E	1118.28	
14	S72°03'52"E	1006.02	
M-15	S72°04'28"E	275.00	CEN. SEC. LINE (E.-W.)
16	N89°18'22"E	284.15	
17	N71°21'42"E	1873.10	
18	N86°45'47"E	348.45	E. LINE SEC. 29
M-19			
SOUTH SIDE			
M-23	S80°13'21"W	611.54	E. LINE SEC. 29
24	S73°00'41"W	826.13	
27	S70°19'16"W	527.89	
28	S88°57'04"W	465.72	
29	N69°47'14"W	326.30	
M-30	N69°46'47"W	641.10	CEN. SEC. LINE (N.-S.)
31	N75°17'17"W	607.67	
32	S30°30'28"W	419.84	
33	N46°53'12"W	264.90	
34	N30°30'28"E	283.72	
35	N61°23'57"W	315.20	
36	N77°17'57"W	911.71	W. LINE SEC. 29
M-37			

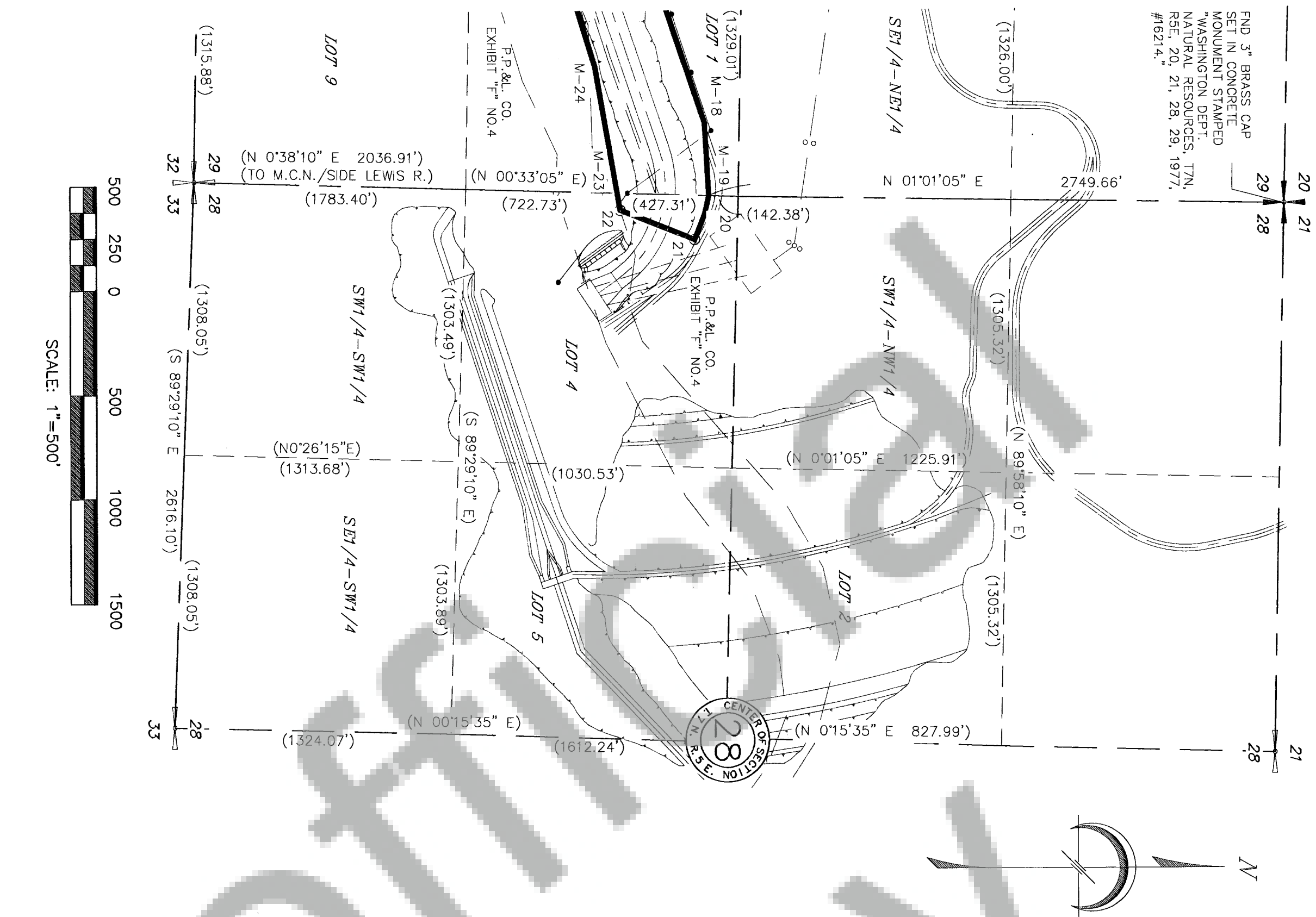
STA.	BEARING	DIST.	REMARKS
NORTH SIDE			
M-10	S87°50'15"E	115.80	W. LINE SEC. 29
11	S66°45'15"E	291.69	
M-12	S66°45'15"E	242.82	CEN. SEC. LINE (E.-W.)
13	S72°08'02"E	1118.68	
14	S73°16'35"E	1006.58	
M-15	S73°16'35"E	275.05	CEN. SEC. LINE (E.-W.)
16	N88°06'15"E	284.20	
17	N70°09'35"E	1873.45	
18	N85°33'40"E	348.52	E. LINE SEC. 29
M-19			
SOUTH SIDE			
M-23	S79°01'00"W	611.67	E. LINE SEC. 29
24	S71°48'20"W	826.31	
27	S69°06'55"W	528.00	
28	S89°50'35"W	465.82	
29	N70°59'35"W	326.37	
M-30	N70°59'35"W	641.34	CEN. SEC. LINE (N.-S.)
31	N76°30'05"W	607.90	
32	S29°17'40"W	420.00	
33	N48°06'00"W	265.00	
34	N29°17'40"E	283.83	
35	N62°36'45"W	315.32	
36	N78°30'45"W	912.05	W. LINE SEC. 29
M-37			

PINLEY ENGINEERING COMPANY, INC.
dba G. E. RALEIGH AND ASSOCIATES
Twin Oaks Suite B-250
1800 NW 169th Place
BEAVERTON, OREGON 97006
Phone: (503) 466-9460 Fax: (503) 466-9979



RECORD OF SURVEY SKAMANIA COUNTY		DRAWN BY: JMB	DATE: 12/29/06
IN SECTION 29, TOWNSHIP 7 NORTH, RANGE 5 EAST, WILLAMETTE MERIDIAN, SKAMANIA COUNTY, WASHINGTON		CHECKED BY: DCL	
		APPROVED: M/RH	
		SCALE: 1" = 500'	UNIT: N/A
		DRAWING NO.: COWJLTZ_POS	REV. NO. 0

RECORD OF SURVEY
NW 1/4 - SW 1/4, Section 28 in
Township 7 North, Range 5 East, W.M.
Skamania County, WA



PROJECT
BOUNDARY - MEASURED

STA.	BEARING	DIST.	REMARKS
NORTH SIDE			
M-19			W. LINE, SEC. 28
	S 77°06'15"E	90.05	
20			
	S 68°18'25"E	130.00	
21			
EAST SIDE			
21			
	S 21°33'40"W	382.59	
22			
	S 60°13'42"W	82.63	
M-23			W. LINE SEC. 28
SOUTH SIDE			

PROJECT
BOUNDARY - (RECORD)

STA.	BEARING	DIST.	REMARKS
NORTH SIDE			
M-19			W. LINE, SEC. 28
	S 78°18'40"E	90.05	
20			
	S 69°30'50"E	130.00	
21			
EAST SIDE			
21			
	S 20°21'15"W	382.59	
22			
	S 75°01'00"W	82.63	
M-23			W. LINE SEC. 28
SOUTH SIDE			

