

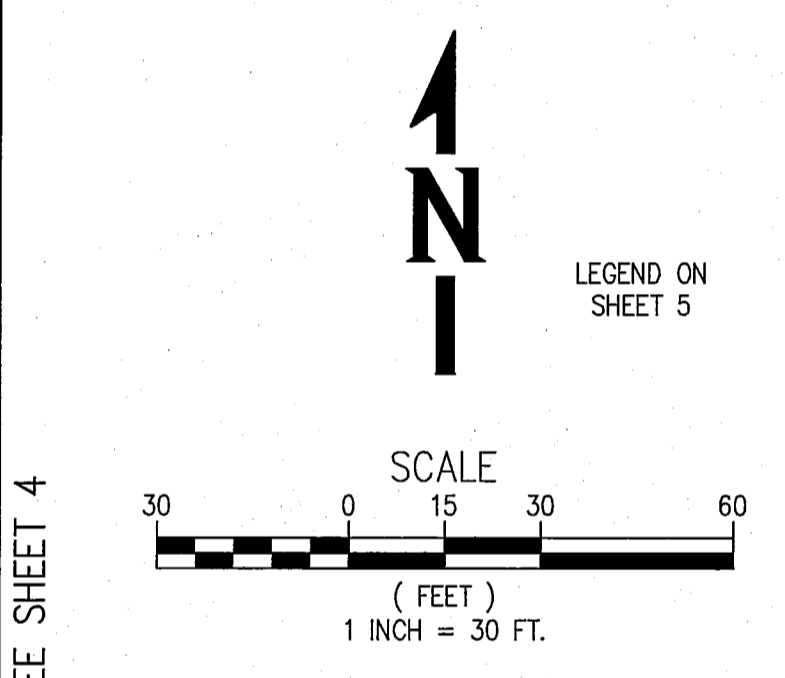
SURVEY NOTES:

- HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD 83/91), STATE PLANE COORDINATE SYSTEM, WASHINGTON NORTH ZONE.
BASIS OF BEARINGS: N01°52'06"E ALONG CENTERLINE OF 'O' AVE. BETWEEN MONUMENTS AT 17TH ST. AND 11TH ST. (PER TOPOGRAPHIC SURVEY FOR PORT OF ANACORTES BY LEONARD, BOUDINOT, SKODJE SURVEYORS, DATED FEB. 11, 2009, TITLED "SCOTT PAPER MILL CLEAN UP PROJECT")
UNITS: US SURVEY FEET
- MONUMENTS SET AS A PART OF THIS SURVEY:
"JETTY 2" (REPLACES "JETTY"), 2" BRASS DISK WITH PUNCH, SET IN CONCRETE, SOUTHEAST CORNER OF HARBOR IN GRASSY AREA, BY SEAFARER'S MEMORIAL, N 556,042.543, E 1,210,661.626, MLLW ELEVATION 12.49'
"PIER", BRASS NAIL SET IN LEAD IN CONCRETE AT WEST END OF PIER, N 555,647.557, E 1,210,777.461, MLLW ELEVATION 15.19'
"WALK", PK/WASHER AT SOUTH END OF WALK, AT SOUTHEAST CORNER LOT 2A, N 555,373.503, E 1,210,614.328, MLLW ELEVATION 15.96'
3. VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW)
TO CONVERT TO NAVD 88 DATUM, SUBTRACT 0.65' FROM ELEVATIONS SHOWN.
BENCH MARKS:
USCGS BM 5 (1922): (NGS PID TR0689), BRASS DISK SET IN VERTICAL WALL AT NE CORNER OF OLD TRAIN DEPOT AT 7TH ST & R AVE.
MLLW ELEVATION = 16.98'
NAVD 88 ELEVATION = 16.33'
CAP SANTE: (NGS PID TR2695), BRASS DISK SET IN ROCK OUTCROP STAMPED "CAP SANTE 1990", CAP SANTE PARK OVERLOOK
MLLW ELEVATION = 201.16'
NAVD 88 ELEVATION = 200.51'
"JETTY 2" (REPLACES "JETTY"), 2" BRASS DISK WITH PUNCH, SET IN CONCRETE, SOUTHEAST CORNER OF HARBOR IN GRASSY AREA, BY SEAFARER'S MEMORIAL
MLLW ELEVATION = 12.49'
NAVD 88 ELEVATION = 11.84'
- THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY OF OBSERVABLE FEATURES AND SUPPLEMENTED WITH INFORMATION FROM EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES ARE IN THE EXACT LOCATION INDICATED, BUT ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.
- FIELD WORK FOR THIS SURVEY WAS PERFORMED IN MAY 2010. MONUMENTS SHOWN AS FOUND WERE VISITED IN MAY 2011.
- HYDROGRAPHIC CONTOURS AND SPOT ELEVATIONS WERE PROVIDED BY DAVID EVANS AND ASSOCIATES, PER SURVEY DATED APRIL 29, 2011, TITLED "PORT OF ANACORTES, SCOTT PAPER MILL", PROJECT NO. POAN000-0006.
- THE SURVEY DEPICTED HEREIN WAS PERFORMED BY FIELD TRAVERSE METHODS, EMPLOYING A LEICA 1201 TOTAL STATION, THE RESULTS OF WHICH MEET OR EXCEED THE LINEAR CLOSURE REQUIREMENTS SPECIFIED BY WAC 332-130-090. SAID TOTAL STATION HAS A STANDARD DEVIATION OF 1 SECOND FOR A HORIZONTAL ANGLE MEASUREMENT AND A STANDARD DEVIATION OF 2MM+2PPM FOR A DISTANCE MEASUREMENT. SAID TOTAL STATION HAS BEEN MAINTAINED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND COMPARED AND ADJUSTED (AS NECESSARY) TO A NATIONAL GEODETIC BASELINE, WITHIN THE PAST YEAR.

LINE	LENGTH	BEARING
L1	16.72	N87°54'56"W
L2	26.12	N01°18'19"E
L3	19.88	N17°17'26"E
L4	34.42	N88°41'41"W
L5	10.00	N88°41'41"W
L6	27.32	N01°18'19"E
L7	37.35	N88°10'25"W
L8	9.72	N02°04'48"E
L9	13.91	N86°23'31"W

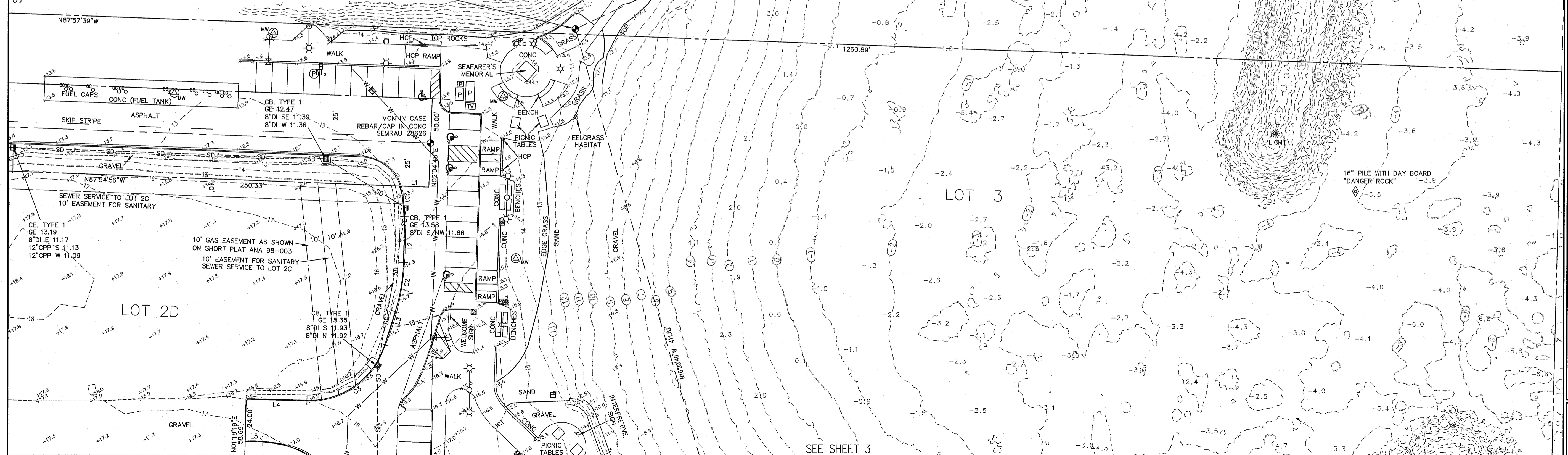
CURVE	LENGTH	RADIUS	DELTA
C1	17.67	45.00	22°30'04"
C2	28.45	101.98	15°59'07"
C3	58.13	45.00	74°00'53"
C4	78.54	50.00	90°00'00"

CAP SANTE MARINA



SEE SHEET 4

SEE SHEET 2



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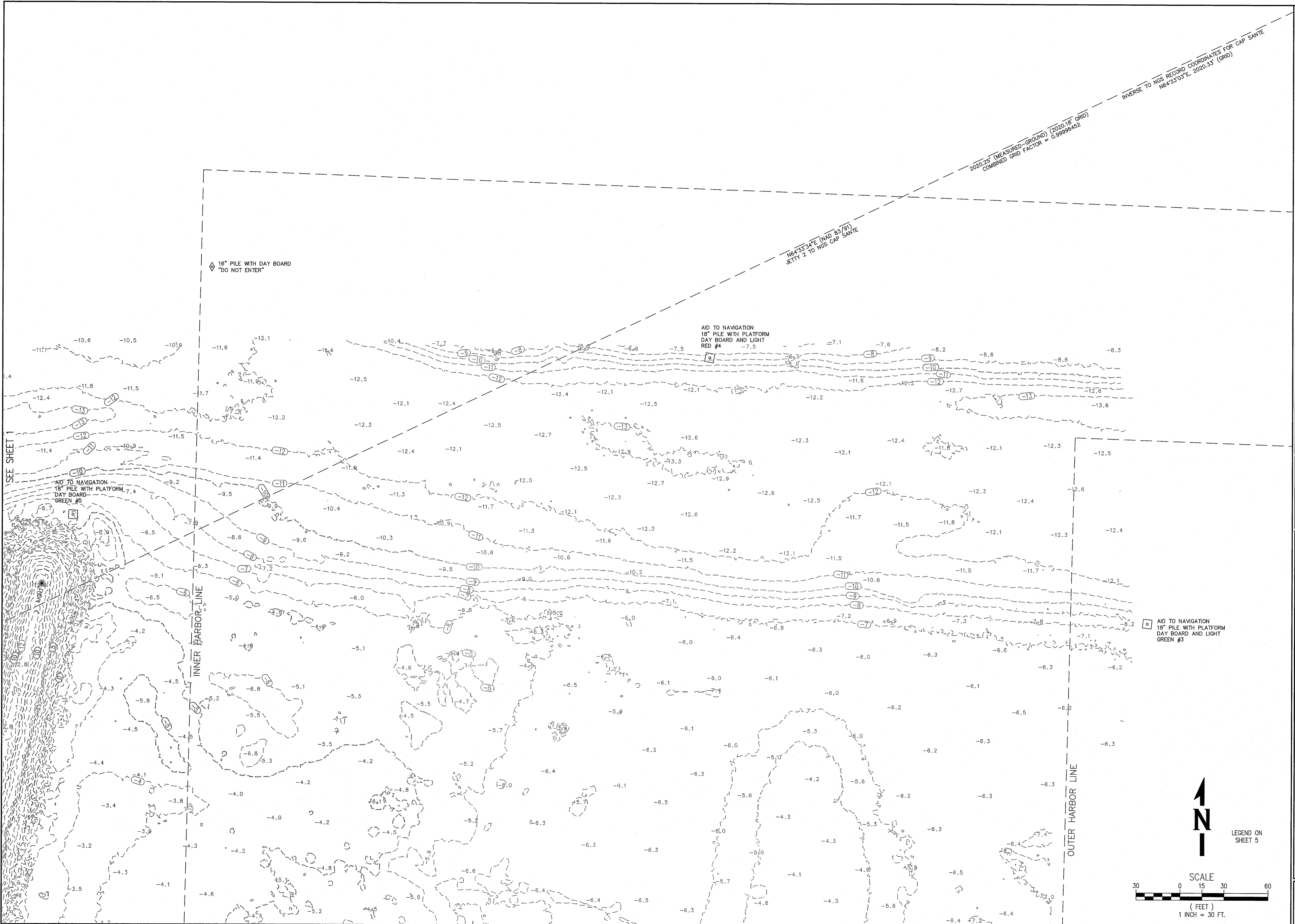
NO.	BY	DATE	REMARKS

SHEET INFO	REVISIONS
SURVEYED	NO. BY DATE
DRAWN	DATE
CHECKED	DATE
APPROVED	DATE
LAST EDIT	DATE
PLOT DATE	DATE
SUBMITAL	DATE

TOPOGRAPHIC SURVEY
PORT OF ANACORTES
FORMER SCOTT PAPER MILL SITE CLEANUP PROJECT

PROJECT NUMBER: 037463
DRAWING FILE NAME: 037463-V-TP00
SCALE: 1" = 30'

SHEET NUMBER: 1 of 6



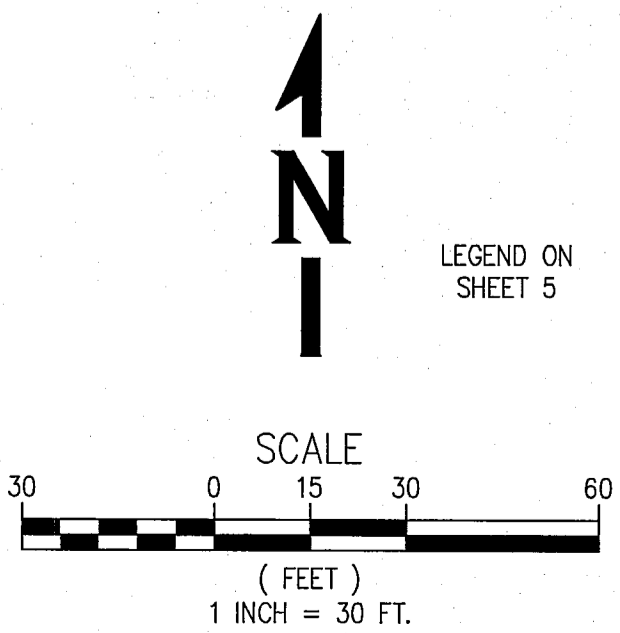
2020.25' (MEASURED-GROUND) (2020.18' GRID)
 COMBINED GRID FACTOR = 0.99996462

INVERSE TO NGS RECORD COORDINATES FOR CAP SANTE
 N64°33'03"E, 2020.33' (GRID)

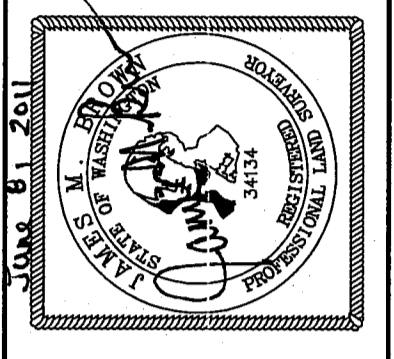
N64°33'34"E (NAD 83/01)
 JETTY 2 TO NGS CAP SANTE

AID TO NAVIGATION
 18" PILE WITH PLATFORM
 DAY BOARD AND LIGHT
 RED #4 -7.5

AID TO NAVIGATION
 18" PILE WITH PLATFORM
 DAY BOARD AND LIGHT
 GREEN #3



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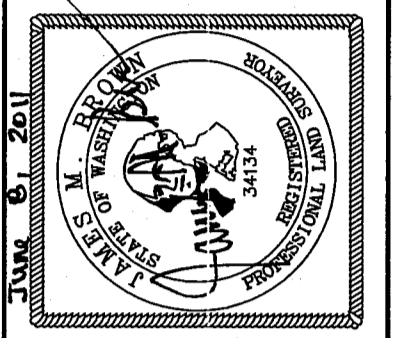
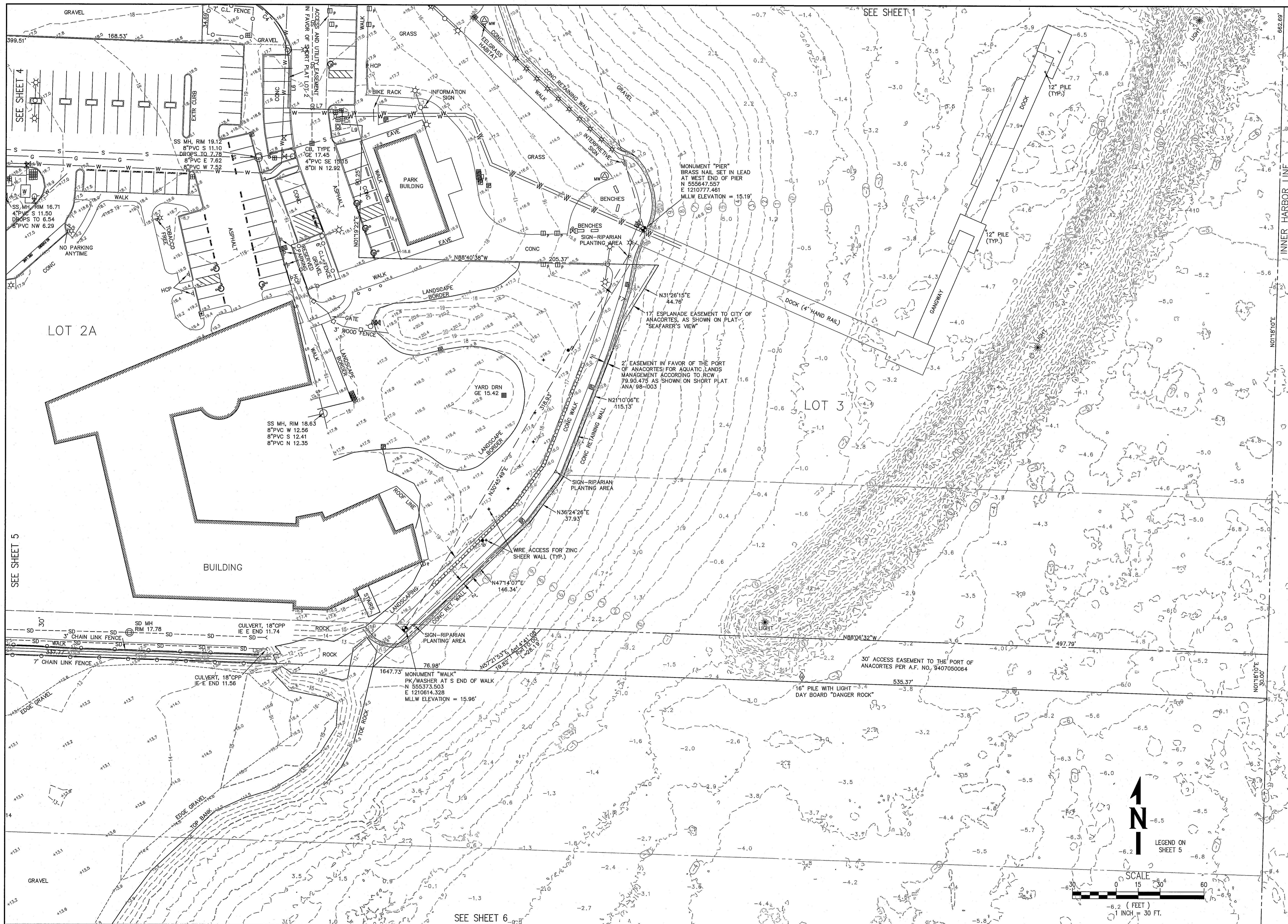


REVISIONS		DATE	REMARKS
NO.	BY		

SHEET INFO		EJV/KAC		CPC	
SURVEYED					
DRAWN					
CHECKED					
APPROVED					
LAST EDIT					
PLOT DATE	6/7/2011				
SUBMITAL					

TOPOGRAPHIC SURVEY
PORT OF ANACORTES
FORMER SCOTT PAPER MILL SITE CLEANUP PROJECT

PROJECT NUMBER: 037463
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NO.	BY	DATE	REMARKS

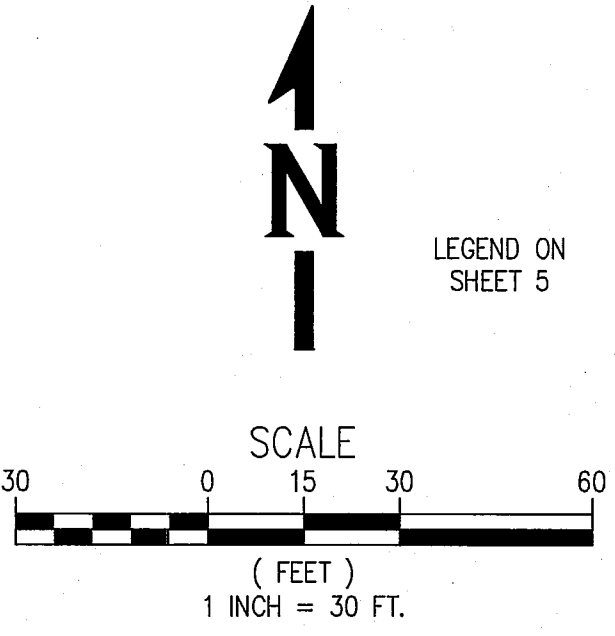
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SURVEYED	6/7/2011	
DRAWN	6/7/2011	
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APPROVED	6/7/2011	
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SUBMITAL	6/7/2011	

TOPOGRAPHIC SURVEY
PORT OF ANACORTES
FORMER SCOTT PAPER MILL SITE CLEANUP PROJECT

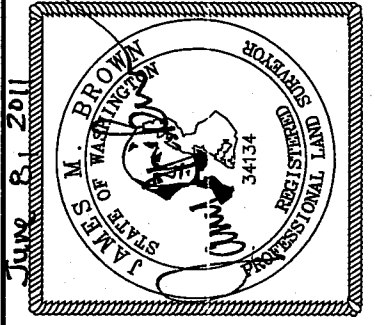
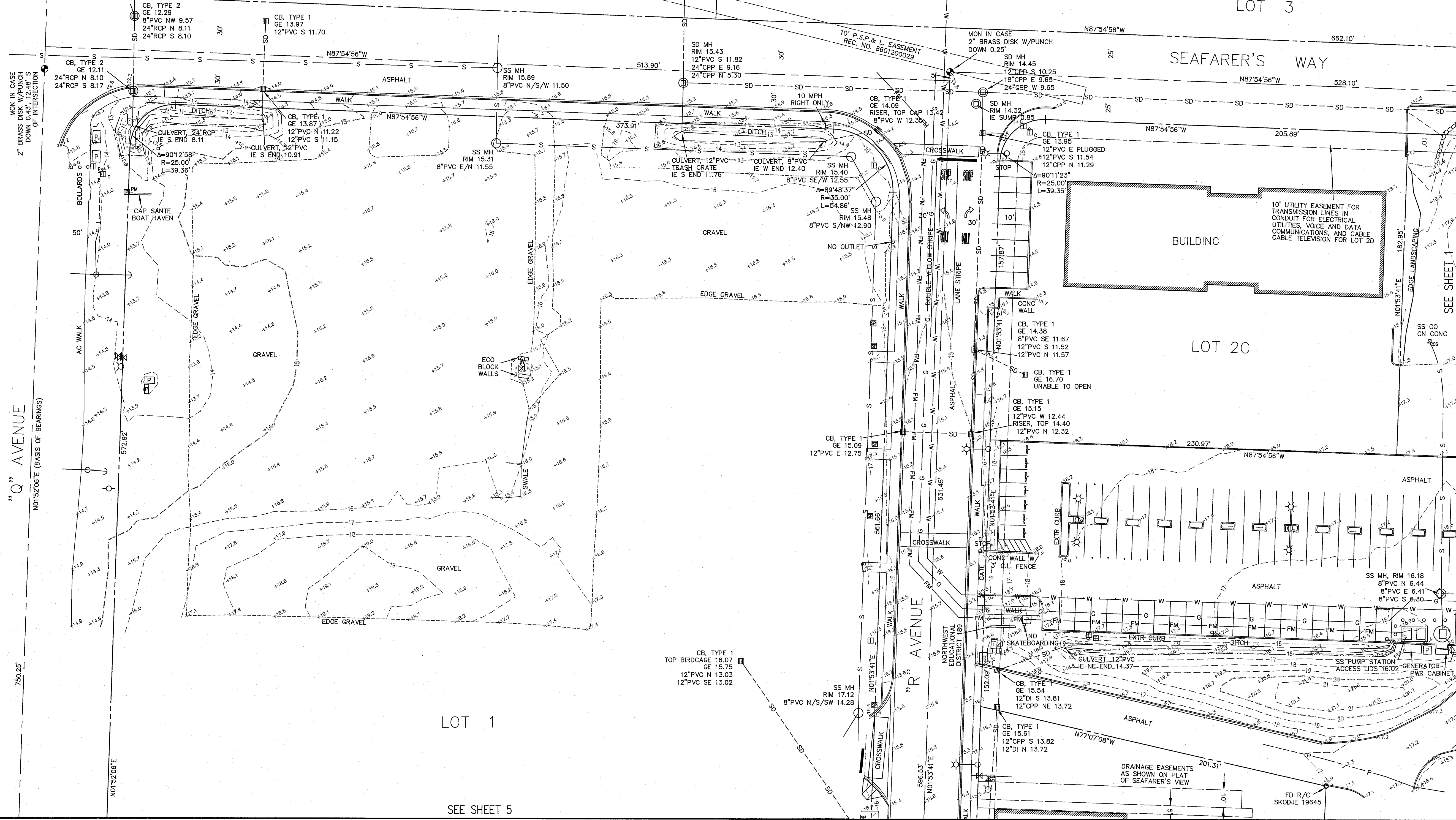
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14th ST.

"R" AVENUE



LEGEND ON SHEET 5



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NO.	BY	DATE	REMARKS

SHEET INFO	DATE	BY
SURVEYED	6/7/2011	EJM/KAC
DRAWN	6/7/2011	CPC
CHECKED		
APPROVED		
LAST EDIT		
PLOT DATE		
SUBMITAL		

TOPOGRAPHIC SURVEY
PORT OF ANACORTES
FORMER SCOTT PAPER MILL SITE CLEANUP PROJECT

PROJECT NUMBER 037463
 DRAWING FILE NAME 037463-V-TP00
 SCALE 1" = 30'
 SHEET NUMBER 4
 4 of 8

SEE SHEET 4

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NO.	BY	DATE	REMARKS

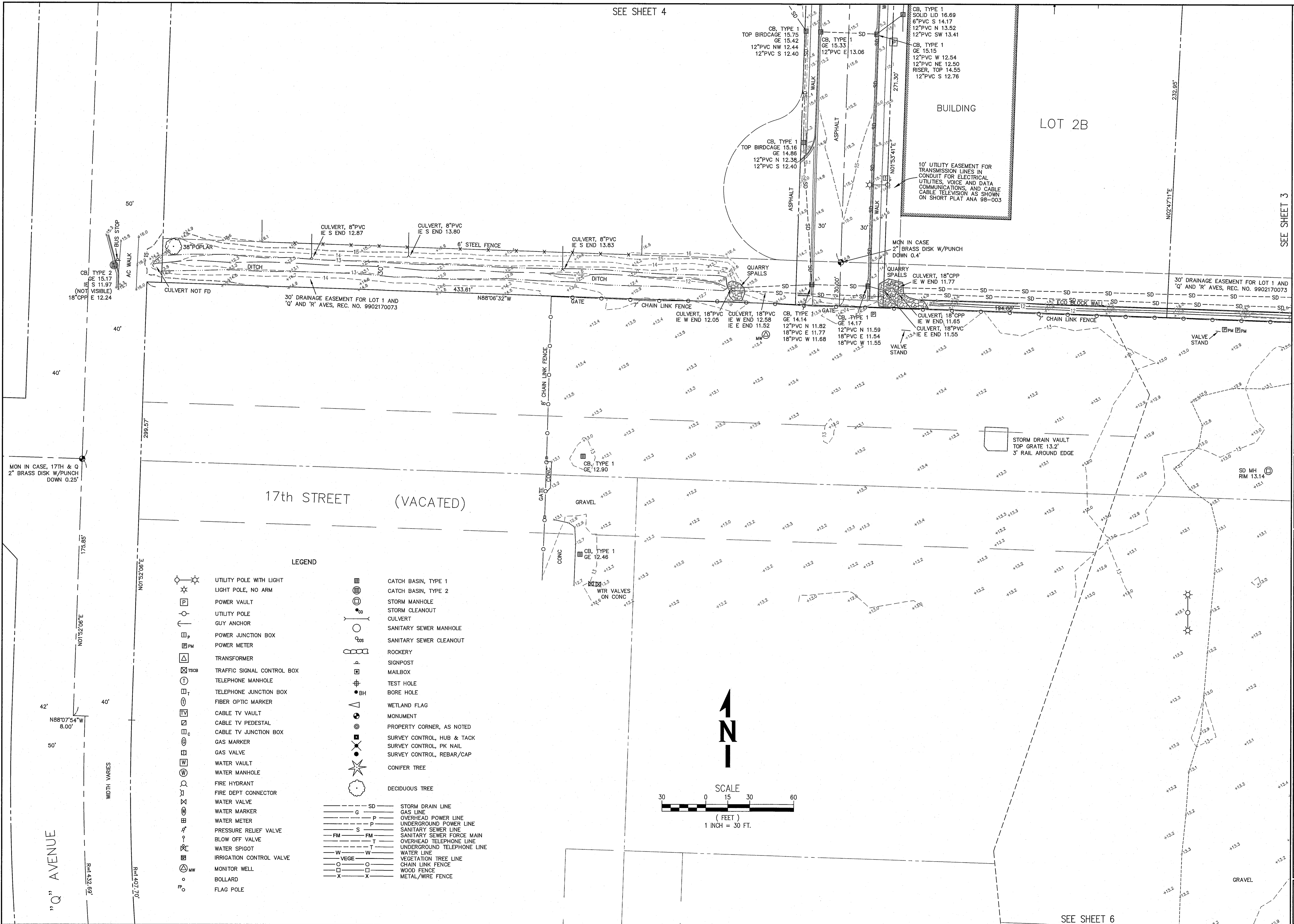
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SURVEYED		DRAWN		CHECKED	
APPROVED					
LAST EDIT	6/7/2011				
PLOT DATE	6/7/2011				
SUBMITAL					

TOPOGRAPHIC SURVEY
PORT OF ANACORTES
FORMER SCOTT PAPER MILL SITE CLEANUP PROJECT

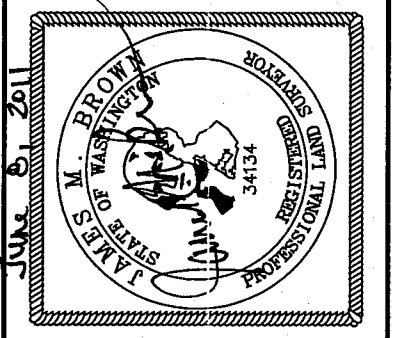
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 DRAWING FILE NAME: 037463-V-TP00

SHEET NUMBER: **5**
 5 of 6

SCALE 1" = 30'



SEE SHEET 6



REVISIONS	NO.	BY	DATE	REMARKS

SHEET INFO	EAM/KAC	CPC
SURVEYED		
DRAWN		
CHECKED		
APPROVED		
LAST EDIT	6/7/2011	6/7/2011
PLOT DATE		
SUBMITTAL		

TOPOGRAPHIC SURVEY
 PORT OF ANACORTES
 FORMER SCOTT PAPER MILL SITE CLEANUP PROJECT
 PROJECT NUMBER 037463
 DRAWING FILE NAME 037463-V-TP00
 SCALE 1" = 30'

