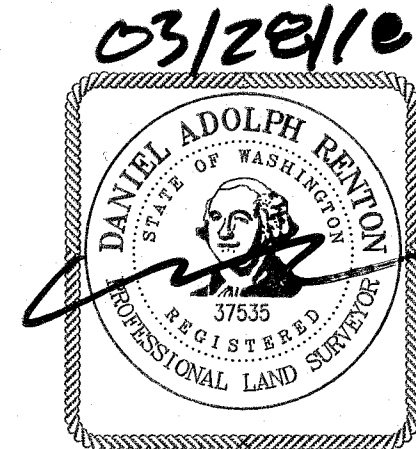


AQUATIC LANDS LEASE SURVEY

A PORTION OF THE SHORELANDS OF THE SECOND CLASS
AND BEDLANDS OF THE COLUMBIA RIVER,
OWNED BY THE STATE OF WASHINGTON,
FRONTING GOVERNMENT LOT 4 OF SECTION 35,
T. 2 N., R. 6 E., W.M.
SKAMANIA COUNTY, WASHINGTON
SHEET 2 OF 3

LEGEND:

- XX XX XX
XX XX XX
INDICATES FOUND AND HELD SECTION CONTROL
- INDICATES MONUMENT FOUND AS NOTED
- INDICATES CALCULATED POSITION
- INDICATES LEASE BOUNDARY
- INDICATES EXTREME LOW WATER LINE
- INDICATES ORDINARY HIGH WATER LINE
- INDICATES SECOND CLASS SHORELAND LINE
- SQ-FT INDICATES SQUARE FEET
CRD INDICATES COLUMBIA RIVER DATUM
OHWL INDICATES ORDINARY HIGH WATER LINE
ELWL INDICATES EXTREME LOW WATER LINE
NAD INDICATES NORTH AMERICAN DATUM
NAVD INDICATES NORTH AMERICAN VERTICAL DATUM
N: INDICATES NORTHING
E: INDICATES EASTING
RM: INDICATES COLUMBIA RIVER MILE
LCR: INDICATES LAND CORNER RECORD
PID: INDICATES POINT ID
○ INDICATES STEEL ROUND PILING AND WOOD PILING.



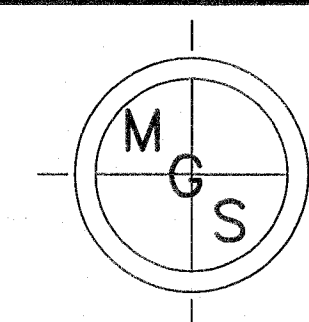
30 15 0 30 45 60
SCALE 1 INCH = 30 FEET

THE DISTANCES SHOWN HEREON ARE GRID
TO OBTAIN GROUND DISTANCES, DIVIDE THE
GRID DISTANCES BY THE
COMBINED SCALE FACTOR OF 1.0000480954
(0.25' PER MILE/0.005 PER 100')

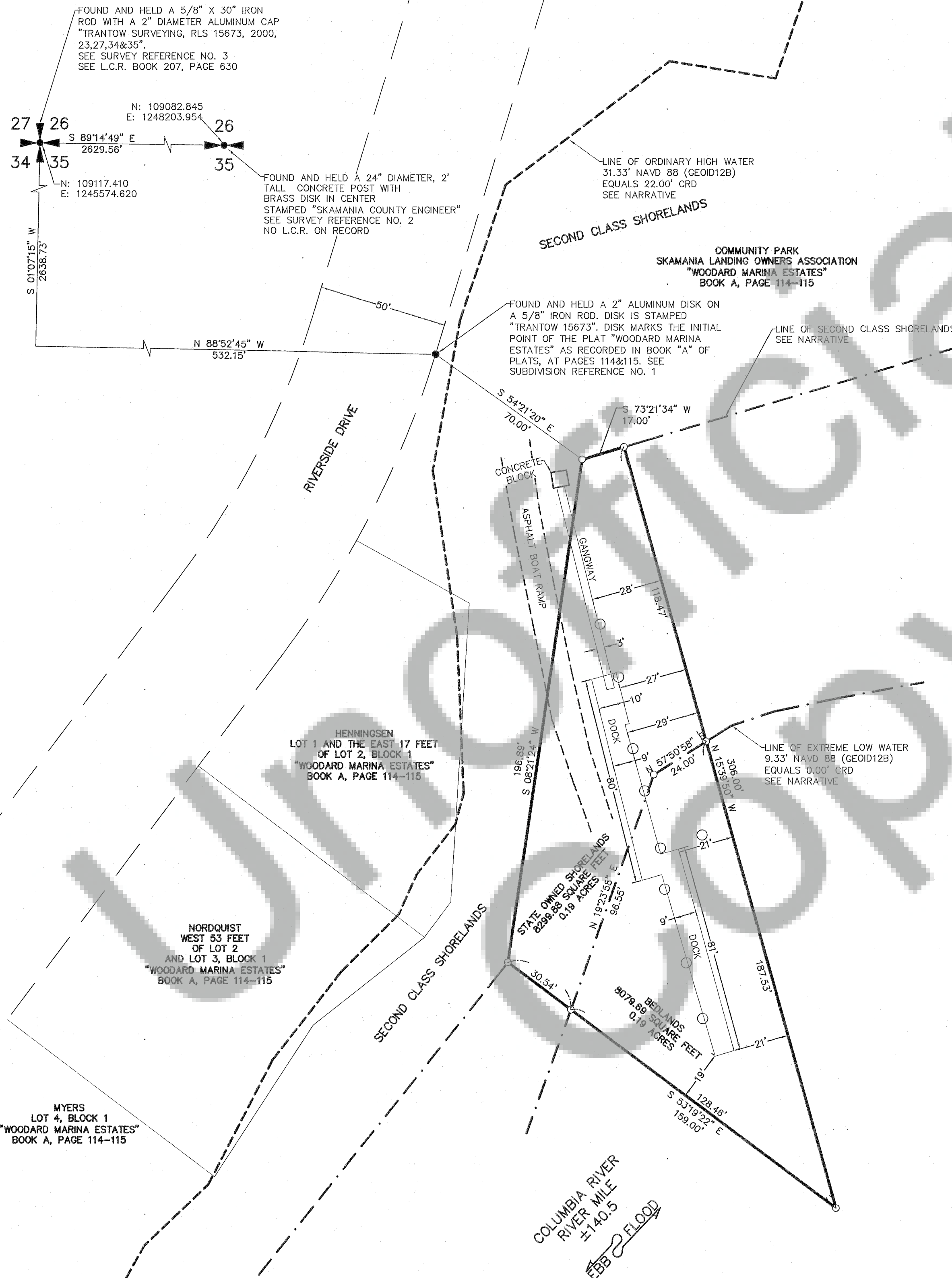
BASIS OF BEARING:
NAD83(2011)(EPOCH: 2010.0000) WASHINGTON STATE
PLANE COORDINATE, SOUTH ZONE, US-Feet.
N01°07'15"E, ALONG THE WEST LINE OF
GOVERNMENT LOT 4 AS SHOWN ON THIS SURVEY
MEAN CONVERGENCE ANGLE: -01°06'49"
(WEST LINE GOVERNMENT LOT 4)
(EAST LINE GOVERNMENT LOT 1)
COMBINED SCALE FACTOR: 1.0000480954.

AQUATIC LANDS LEASE NO. 20-B10059

SCALE: 1"=30'
JOB NO. 17-355
DATE: 03-28-18
CALC BY: DAR
DRAWN BY: DAR
CHECKED BY: DLS
SHEET 2 OF 3



MINISTER-GLAESER
SURVEYING INC.
2200 E. EVERGREEN BLVD.
VANCOUVER, WA 98661
(360) 694-3313



NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO UPDATE THE 2004 WASHINGTON DEPARTMENT OF NATURAL RESOURCES AQUATIC LAND LEASE SURVEY NUMBER 20-A10059 (NEW LEASE NUMBER 20-B10059). LISTED BELOW ARE THE STEPS TAKEN TO COMPLETE THIS SURVEY. REFER TO SURVEY REFERENCE NO. 3 FOR THE 2004 SURVEY.

1. ESTABLISH CONTROL AND COLLECT DATA

SET A TRIMBLE R8-3 GNSS BASE WAS SET ON WASHINGTON DEPARTMENT OF TRANSPORTATION GEODETIC CONTROL POINT "WOODARD (PID:6563)". A TRIMBLE R-10 GNSS ROVER RECEIVING REAL TIME CORRECTION FROM THE BASE STATION WAS USED TO ESTABLISH THE ONSITE CONTROL (HORIZONTAL AND VERTICAL), SURVEY SECTION CONTROL, SURVEY STRUCTURES (PILING, GANGWAY, DOCK AND BOAT RAMP), COLLECT DATA TO ESTABLISH THE LINE OF ORDINARY HIGH WATER (OHWL) AND THE LINE OF EXTREME LOW WATER (ELWL).

2. EAST LINE OF GOVERNMENT LOT 1 AND THE MEANDER CORNER

I APPLIED THE CARDINAL EQUIVALENT OF 01°06'22" TO THE GLO BEARING OF SOUTH WITH THE RESULT OF S01°06'22"W, FOR THE GLO DISTANCE OF 22.45 CHAINS (1481.70') FROM THE NE CORNER OF SECTION 35, TO ESTABLISH THE MEANDER CORNER BETWEEN SECTIONS 35 AND 36.

3. WEST LINE OF GOVERNMENT LOT 4 AND THE MEANDER CORNER

I APPLIED THE CARDINAL EQUIVALENT OF 01°07'15" TO THE GLO BEARING OF SOUTH WITH THE RESULT OF S01°07'15"W, FOR THE GLO DISTANCE OF 50.50 CHAINS (3333.00') FROM THE NW CORNER OF SECTION 35, TO ESTABLISH THE MEANDER CORNER BETWEEN SECTIONS 35 AND 34.

4. SHORELAND BOUNDARY

THE SHORELAND OWNERSHIP IS BETWEEN THE LINE OF ORDINARY HIGH WATER (OHWL) AND THE PLATTED SECOND CLASS SHORELANDS AS DESCRIBED IN DEED REFERENCE NO.1. THE LINE OF ORDINARY HIGH WATER WAS COMPUTED FROM TOPOGRAPHIC FIELD DATA TO ESTABLISH AN ELEVATION OF 31.33' NAVD 88 (GEOID12B) WHICH EQUALS 22.00' CRD. THE CONVERSION FROM NAVD 88 TO CRD WAS DERIVED FROM THE "COLUMBIA & LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA & PORTLAND, OR COMPREHENSIVE EVALUATION OF PROJECT DATUM: COMPLIANCE REPORT 2014 C. BONDURANT, G CATHEY, J. KINUNEN, 7/28/2014" FOR COLUMBIA RIVER MILE 140. THE SECOND CLASS SHORELAND LINE WAS ESTABLISHED BY CREATING A MATHEMATICAL MODEL OF DEED REFERENCE NO.1, WHICH IS THE GOVERNMENT MEANDER LINE AND THE SECOND CLASS SHORELAND LINE. I PLACED THE MATHEMATICAL MODEL ON THE MEANDER CORNER BETWEEN SECTIONS 35 AND 36 AND ROTATED THE MODEL TO THE MEANDER CORNER BETWEEN SECTIONS 34 AND 35. ONCE THIS WAS DONE I APPLIED A COMPASS RULE ADJUSTMENT TO BALANCE THE MEANDER LINE AND SECOND CLASS SHORELAND LINE.

5. AQUATIC LAND LEASE BOUNDARY

THE LANDWARD AQUATIC LAND LEASE BOUNDARY IS THE SECOND CLASS SHORELAND LINE. THE RIVERWARD PORTION OF THE LEASE IS BASED ON CREATING AN AREA BIG ENOUGH TO ENCOMPASS THE DOCKS, GANGWAY, PILING, BOAT MOORAGE AND MANEUVERABILITY. I ALSO SHOWED THE LINE OF EXTREME LOW WATER (ELWL) WHICH IS 9.33 FEET NAVD 88 (GEOID12B) WHICH EQUALS 0.00' CRD. THE CONVERSION FROM NAVD 88 TO CRD WAS DERIVED FROM THE "COLUMBIA & LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA & PORTLAND, OR COMPREHENSIVE EVALUATION OF PROJECT DATUM: COMPLIANCE REPORT 2014 C. BONDURANT, G CATHEY, J. KINUNEN, 7/28/2014" FOR COLUMBIA RIVER MILE 140.

LEGAL DESCRIPTION:

AN AQUATIC LAND LEASE PARCEL LOCATED IN THE BEDLANDS AND SHORELANDS OF THE COLUMBIA RIVER (RIVER MILE +/- 140.5) FRONTING THE SECOND CLASS SHORELANDS AS RECORDED IN VOLUME 7 OF THE STATE OF WASHINGTON SECOND CLASS SHORELAND DEEDS, AT PAGE 102 AND 103, IN A PORTION OF GOVERNMENT LOT 4 OF SECTION 35, TOWNSHIP 2 NORTH, RANGE 6 EAST, WILLAMETTE MERIDIAN SKAMANIA COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF THE NORTHWEST QUARTER OF SAID SECTION 35;
THENCE NORTH 89°14'49" WEST, ALONG THE NORTH LINE OF SAID NORTHWEST QUARTER, FOR A DISTANCE OF 2629.56 FEET TO THE NORTHWEST CORNER THEREOF;

THENCE LEAVING SAID NORTH LINE, SOUTH 01°07'15" WEST, ALONG THE WEST LINE OF SAID NORTHWEST QUARTER, FOR A DISTANCE OF 2638.73 FEET;

THENCE LEAVING SAID WEST LINE, SOUTH 88°52'45" EAST, AT RIGHT ANGLES TO SAID WEST LINE, FOR A DISTANCE OF 532.15 FEET TO A 2" ALUMINUM DISK ON A 5/8" IRON ROD, SAID DISK IS STAMPED "TRANTOW 15673" AND MARKS THE INITIAL POINT OF THE PLAT "WOODARD MARINA ESTATES" AS RECORDED IN BOOK "A" OF PLATS, AT PAGES 114&115, SAID POINT BEING ON THE EAST RIGHT OF WAY LINE OF "RIVERSIDE DRIVE";

THENCE SOUTH 54°21'20" EAST, FOR A DISTANCE OF 70.00 FEET TO THE LINE OF SECOND CLASS SHORELANDS AND THE TRUE POINT OF BEGINNING;

THENCE SOUTH 08°21'24" WEST, ALONG SAID LINE OF SECOND CLASS SHORELANDS, FOR A DISTANCE OF 196.89 FEET;

THENCE LEAVING SAID LINE OF SECOND CLASS SHORELANDS, SOUTH 53°19'22" EAST, FOR A DISTANCE OF 159.00 FEET;

THENCE NORTH 15°39'50" WEST, FOR A DISTANCE OF 306.00 FEET TO SAID LINE OF SECOND CLASS SHORELANDS;

THENCE SOUTH 73°21'34" WEST, ALONG SAID LINE OF SECOND CLASS SHORELANDS, FOR A DISTANCE OF 17.00 FEET TO THE TRUE POINT OF BEGINNING;

CONTAINING 0.19 ACRES (8299.88 SQUARE FEET) OF STATE OWNED SECOND CLASS SHORELANDS MORE OR LESS

CONTAINING 0.19 ACRES (8079.69 SQUARE FEET) OF BEDLANDS MORE OR LESS

AQUATIC LANDS
LEASE SURVEY

A PORTION OF THE SHORELANDS OF THE SECOND CLASS
AND BEDLANDS OF THE COLUMBIA RIVER,
OWNED BY THE STATE OF WASHINGTON,
FRONTING GOVERNMENT LOT 4 OF SECTION 35,
T. 2 N., R. 6 E., W.M.
SKAMANIA COUNTY, WASHINGTON
SHEET 3 OF 3



AQUATIC LANDS LEASE NO. 20-B10059	
SCALE: N/A	 MINISTER-GLAESER SURVEYING INC. 2200 E. EVERGREEN BLVD. VANCOUVER, WA 98661 (360) 694-3313
JOB NO. 17-355	
DATE: 03-28-18	
CALC BY: DAR	
DRAWN BY: DAR	
CHECKED BY: DLS	
SHEET 3 OF 3	