



CITY OF CASHMERE CASHMERE BOAT RAMP

FEBRUARY 2026



RECREATION ENGINEERING
AND PLANNING
485 ARAPAHOE AVE.
BOULDER, CO 80302
WWW.BOATERPARKS.COM

PROJECT OWNER:

CHELAN COUNTY 411 WASHINGTON ST. SUITE 201 WENATCHEE, WA 98801 PROJECT MANAGER: ERIN MCKAY	CITY OF CASHMERE 101 WOODRING ST CASHMERE, WA 98815 PROJECT MANAGER: STEVE CROCI
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PROJECT LOCATION:

LATITUDE: 47° 31' 29" N
LONGITUDE: 120° 27' 60" W
SW 1/4 SECTION 33, TOWNSHIP 24 NORTH, RANGE 19 EAST
CHELAN COUNTY, WASHINGTON

SHEET INDEX:

SHEET NUMBER	SHEET TITLE
1	COVER
2	PRE-EXISTING CONDITIONS
3	EXISTING CONDITIONS
4	DESIGN PLAN
5	WATER CONTROL & ACCESS

DESIGN TEAM:
CIVIL ENGINEERING

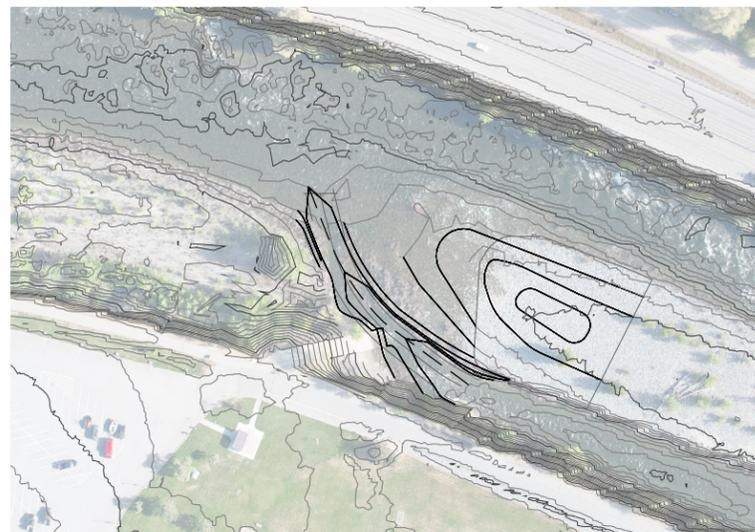


**Recreation
Engineering & Planning**
RECREATION ENGINEERING AND PLANNING
485 ARAPAHOE AVE.
BOULDER, CO 80302
PROJECT MANAGER: MASON LACY, PE



VICINITY MAP

SCALE: 1"=3000' (FOR 22X34" SHEETS)



SITE PLAN

SCALE: 1"=200' (FOR 22X34" SHEETS)



LEGEND:

EXISTING CONTOURS	
PROPOSED CONTOURS	
BOULDER TERRACING	
NEW CONCRETE	
STONE RIPRAP	
SAND	
NEW VEGETATION	
STAGING AREA	
DEMOLITION	
PROTECT EXISTING	
STRUCTURAL FILL	
PARKING LOT SURFACING	
SHEET PILE	
THALWEG	
OHWM	
COFFERDAM	
EXISTING GROUND SURFACE	

ABBREVIATIONS:

AVG	AVERAGE
DTL	DETAIL
E	EAST
ELEV	ELEVATION
FT	FEET
IN	INCHES
MAX	MAXIMUM
MIN	MINIMUM
N	NORTH
NTS	NOT TO SCALE
OC	ON CENTER
OHWM	ORDINARY HIGH WATER MARK
SHT	SHEET
STA	STATION
STD	STANDARD
TYP	TYPICAL

DRAFT

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CASHMERE BOAT RAMP
WENATCHEE RIVER
CASHMERE WASHINGTON
PRELIMINARY
COVER

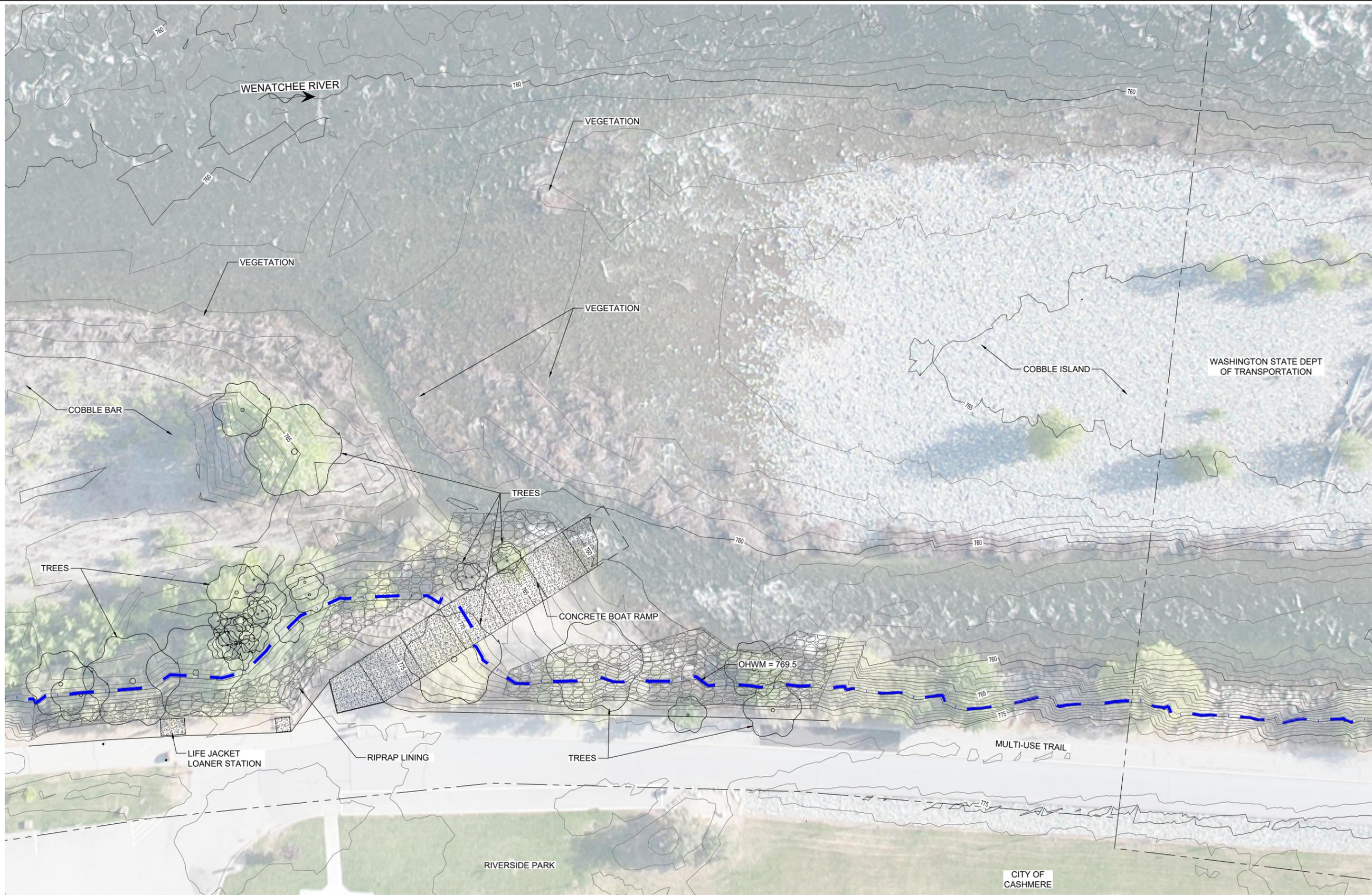
REVISIONS:

NO.	DATE

DESIGNED: WMA DRAFTED: WMA
CHECKED: MRL
PLOT DATE: 3/2/2026

DRAWING NO.
1
SHEET 1 OF 5





PRE-EXISTING CONDITIONS (PRIOR TO FLOOD EVENT)

NOTES:

1. ELEVATIONS FROM TOPOBATHYMETRIC LIDAR COLLECTED AS PART OF THE LOWER WENATCHEE RIVER ASSESSMENT AND SITE TOPOGRAPHIC SURVEY.
2. TOPOGRAPHIC SURVEY COMPLETED BY CHELAN COUNTY STAFF AUGUST 2024. VERTICAL DATUM: NAVD88 HORIZONTAL DATUM: NAD 83
3. AERIAL IMAGERY FROM MAVIC AIR II FLIGHT APRIL 30, 2024.
4. PROPERTY BOUNDARY DATA FROM CHELAN COUNTY GIS.
5. OHWM ELEVATION ESTIMATED BASED ON ON-SITE OBSERVATIONS AND SELECTED TO BE CONSERVATIVELY HIGH.



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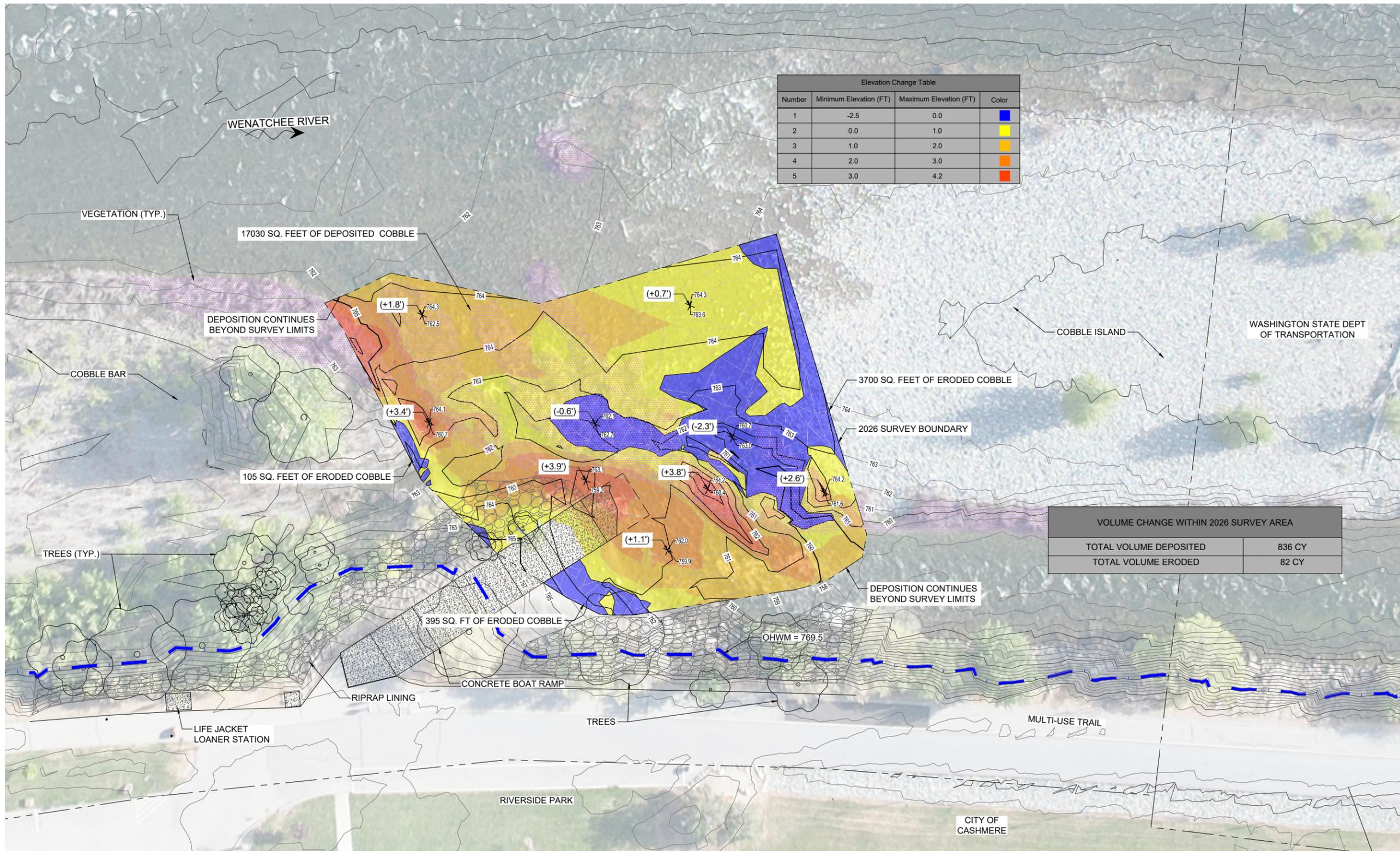
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CASHMERE BOAT RAMP
WENATCHEE RIVER CASHMERE WASHINGTON
PRELIMINARY
PRE-EXISTING CONDITIONS

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Elevation Change Table			
Number	Minimum Elevation (FT)	Maximum Elevation (FT)	Color
1	-2.5	0.0	Blue
2	0.0	1.0	Yellow
3	1.0	2.0	Orange
4	2.0	3.0	Red
5	3.0	4.2	Dark Red

VOLUME CHANGE WITHIN 2026 SURVEY AREA	
TOTAL VOLUME DEPOSITED	836 CY
TOTAL VOLUME ERODED	82 CY

POST-FLOOD EXISTING CONDITIONS PLAN

- NOTES:
- TOPOGRAPHIC SURVEY WITHIN COLORED AREA COMPLETED BY CHELAN COUNTY STAFF FEBRUARY 2026.
VERTICAL DATUM: NAVD88
HORIZONTAL DATUM: NAD 83
 - MATERIAL VOLUMES WERE CALCULATED BY COMPARING TOPOGRAPHY COLLECTED IN AUGUST 2024 TO TOPOGRAPHY COLLECTED IN FEBRUARY 2026.
 - MATERIAL VOLUMES ONLY ENCOMPASS THE AREA COVERED BY THE 2026 SURVEY.
 - AERIAL IMAGERY FROM MAVIC AIR II FLIGHT APRIL 30, 2024.



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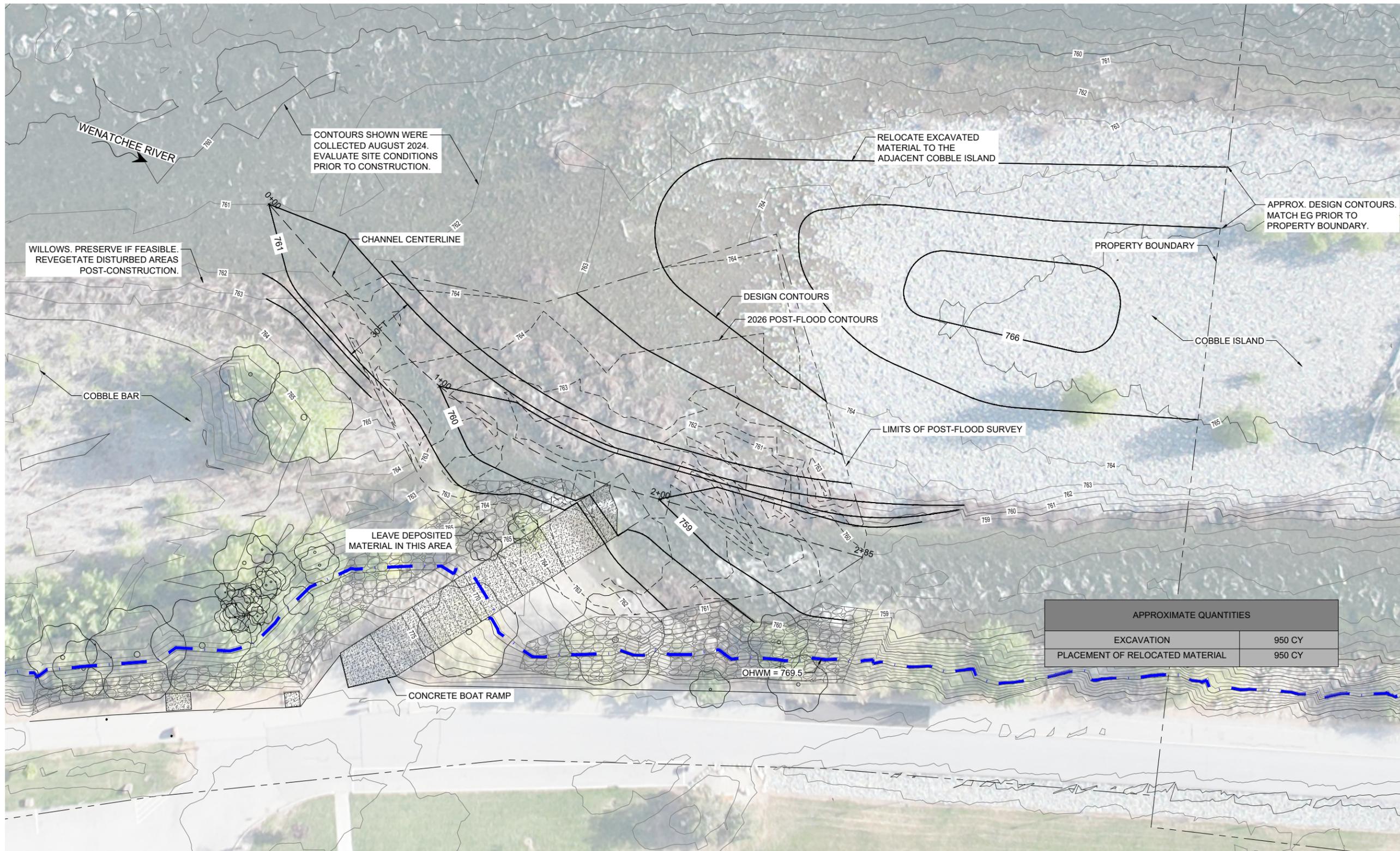
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SHEET 3 OF 5



POST-FLOOD DESIGN PLAN

- NOTES:**
1. ALL EXCAVATED MATERIAL TO BE RE-USED ON SITE.
 2. APPROXIMATE DIMENSIONS OF THE NEW CHANNEL TO HAVE 30FT BOTTOM WIDTH, 2:1 SIDE SLOPES, AND 1% LONGITUDINAL SLOPE



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DESIGN PLAN

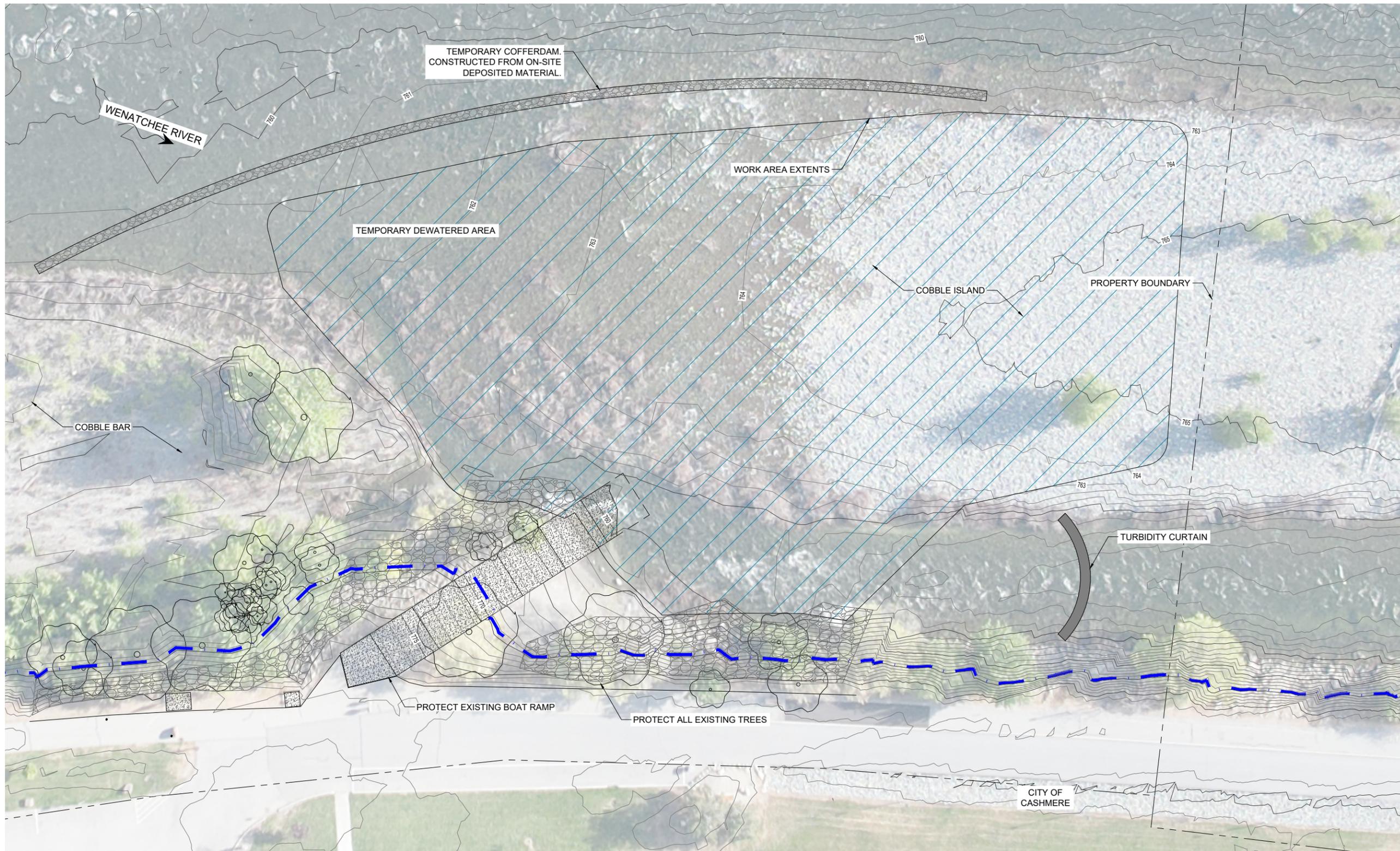
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WATER CONTROL & ACCESS



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