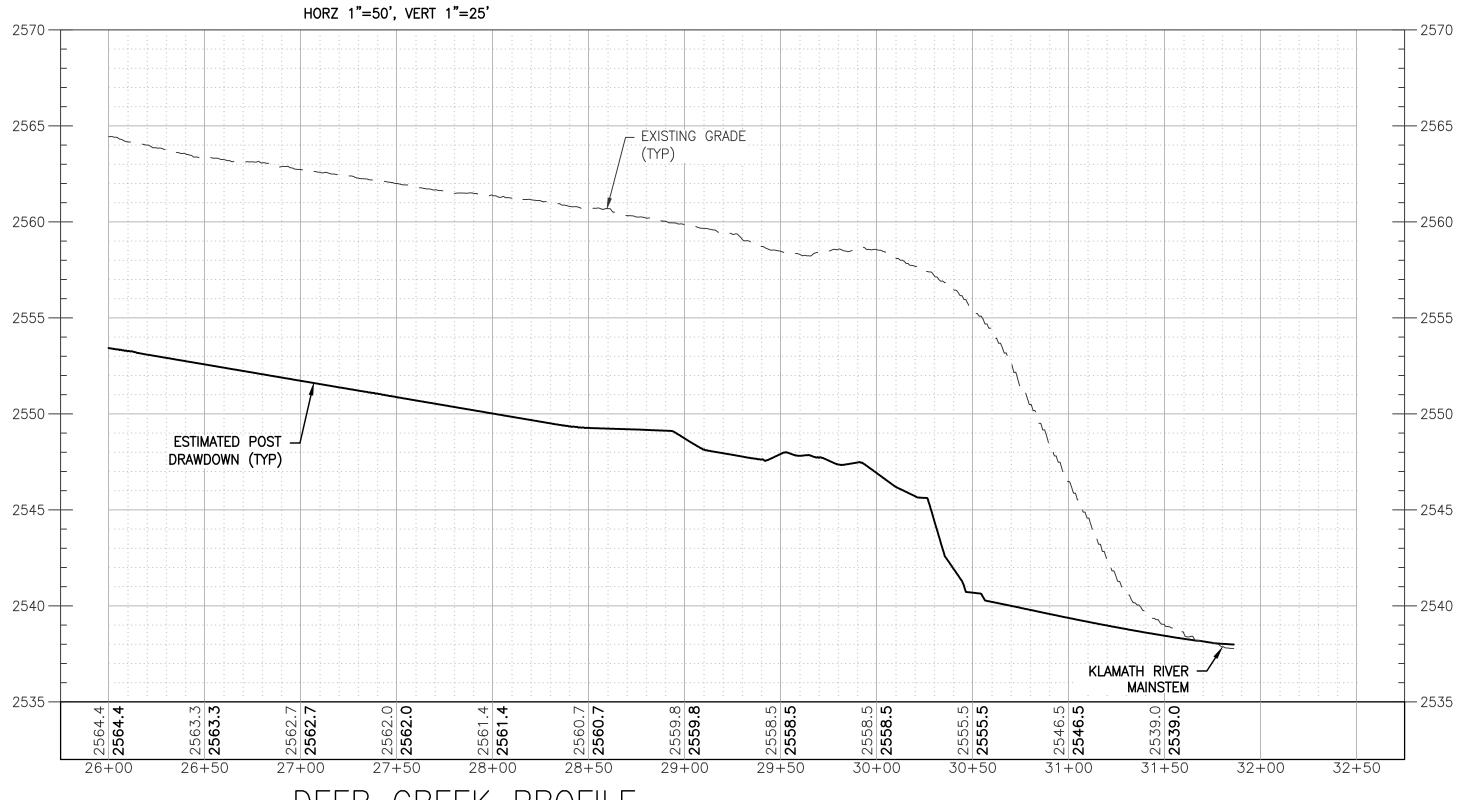


BEAVER CREEK PROFILE



DEER CREEK PROFILE

HORZ 1"=50', VERT 1"=25'

PREPARED BY

- 1. EXISTING GRADE PROFILES ARE TAKEN FROM THE COMBINED 2018 BATHYMETRY AND LIDAR SURFACES PROVIDED TO KIEWIT BY KRRC.
- 2. POST DRAWDOWN PROFILES ARE INTENDED TO REPRESENT A PLAUSIBLE ENDPOINT FOR BASIN SEDIMENTS AFTER DAM REMOVAL, RESERVOIR DRAWDOWN, AND SEDIMENT EVACUATION IN A TYPICAL YEAR.
- 3. POST DRAWDOWN PROFILES ARE NOT INTENDED TO PROVIDE A GRADING TARGET ELEVATION; HOWEVER, POST-DRAWDOWN GRADING OF RESIDUAL SEDIMENT MAY BE REQUIRED TO PROMOTE VOLITIONAL FISH PASSAGE IN CERTAIN TRIBUTARIES AND AT THEIR CONFLUENCES WITH THE KLAMATH RIVER.
- 4. POST DRAWDOWN SURFACES WERE GENERATED BY ESTIMATING MATERIAL CONSOLIDATION AFTER RESERVOIR DRAWDOWN, SUBTRACTING THE ESTIMATED CONSOLIDATION FROM THE 2018 EXISTING GROUND SURFACE, AND THEN SUBTRACTING ESTIMATED EVACUATION VOLUME WITHIN THE KLAMATH RIVER AND ITS TRIBUTARIES FROM THE
- RESULTANT SURFACE.

 5. FULL SEDIMENT EVACUATION WAS ASSUMED WITHIN CHANNEL SECTIONS. FOR THE COPCO BASIN, REASONABLE PRE—DAM DATA WERE AVAILABLE TO ESTIMATE HISTORIC CONDITIONS. THESE DATA WERE USED TO SET POST—DRAWDOWN THALWEG ELEVATIONS OF THE KLAMATH RIVER AND ITS TRIBUTARIES. CHANNEL DIMENSIONS OF THE KLAMATH RIVER WERE TAKEN FROM THE EXISTING AECOM POST—DAM MODEL, AND CHANNEL SECTIONS OF THE TRIBUTARIES WERE GENERATED FROM HYDRAULIC GEOMETRY OF SECTIONS CUT FROM 2018 EXISTING GROUND
- 6. CHANNEL CORRIDORS WERE DAYLIGHTED TO THE EXISTING GROUND SURFACE USING THE ESTIMATED ANGLE OF REPOSE FOR RESIDUAL SEDIMENT.
- 7. POST DRAWDOWN SECTION DIMENSIONS REPRESENT GENERALIZED CHANNEL MORPHOLOGY BASED ON HYDRAULIC GEOMETRY AND MAY REQUIRE LOCALIZED WORK TO ALLOW VOLITIONAL FISH PASSAGE. REFER TO SHEETS R0804 THROUGH R0804 FOR ADAPTIVE MANAGEMENT ACTIONS AND GRADING APPROACHES.

PRELIMINARY DESIGN (NOT FOR CONSTRUCTION)

В	ISSUED - 60% RESTORATION DESIGN SUBMITTAL	SMS	JFS	MFA	02/07/20
Α	ISSUED - 30% RESTORATION DESIGN SUBMITTAL	SMS	JFS	MFA	10/11/19
REV	DESCRIPTION	BY	СНК	APP	DATE

WARNING
0 1/2 1

IF THIS BAR DOES
NOT MEASURE 1"
THEN DRAWING IS
NOT TO SCALE



	DESIGNED	JMR	PREPARED FOR
N	DRAWN	SMS	
res	REVIEWED	JFS	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IN CHARGE	SDP	
	APPROVED	MFA	

KLAMATH
RIVER RENEWAL
CORPORATION

	KI AMATH RIVER RENEWAL PROJECT	PROJ#	VA103-640/1
		DATE	2020.07.02
	SHEET TITLE	DWG	

COPCO DAM-PROFILES

R2713

