PLAN VIEW - ALTERNATIVE A: BACKWATER ENHANCEMENT

PROFILE VIEW - ALTERNATIVE A: EXISTING BACKWATER

LEGEND
- EXISTING CONTOURS (1-FT INTERVAL)
- PROPOSED CONTOURS (1-FT INTERVAL)
- LIMITS OF DISTURBANCE
- EXISTING CHANNEL
- EXISTING HIGH FLOW BACKWATER CHANNEL
- PROPOSED CHANNEL
- PROPOSED CENTERLINE ALIGNMENT
- TEMPORARY ACCESS ROAD

Not to Scale

PROPOSED BACKWATER OUTLET
TYPICAL CROSS SECTION

10.0 FT. BOTTOM WIDTH
INLET CHANNEL, AND FLOODPLAIN
TERRACES TO BE DETERMINED

REVETMENT PLAN BY OTHERS

THE NAME OF THE COMPANY
PROPOSED CONDITIONS

ALTERNATIVE B: BACKWATER ENHANCEMENT

PLAN VIEW - ALTERNATIVE B: BACKWATER ENHANCEMENT

PROFILE VIEW - ALTERNATIVE B: BACKWATER ENHANCEMENT

LEGEND

EXISTING CONTOURS (1-FT INTERVAL)
PROPOSED CONTOURS (1-FT INTERVAL)
LIMITS OF DISTURBANCE
EXISTING CHANNEL
PROPOSED CHANNEL
PROPOSED CENTERLINE ALIGNMENT
TEMPORARY ACCESS ROAD

TYPICAL CROSS SECTION

Not to Scale

Preliminary
Not for Construction

PROPOSED CONDITIONS
ALTERNATIVE B:
BACKWATER ENHANCEMENT
PLAN VIEW - ALTERNATIVE E: MAINSTEM LARGE WOOD

LEGEND

PROPERTY LINES
LIMITS OF DISTURBANCE
TEMPORARY ACCESS ROAD
EXISTING CHANNEL
PROPOSED LWMM PLACEMENT

SCALE IN FEET

WENATCHEE RIVER
TEMPORARY ACCESS, TYP.

MAINSTEM HABITAT COVER WOOD, SEE DETAILS

TEMPORARY ACCESS ROAD
EXISTING CHANNEL

HATCHERY INTAKE PIPES

Preliminary
Not for Construction

PROPOSED CONDITIONS
ALTERNATIVE E: MAINSTEM LARGE WOOD

8 OF 9
LOCK LOG INTO EXISTING TREES AND/OR VERTICAL SNAG

NOTES:
SPECIFIC ORIENTATION OF LOGS AND BALLAST MATERIALS MAY VARY FROM TYPICAL DRAWINGS DEPENDING ON SIZE AND SHAPE OF MATERIAL DELIVERED OR SALVAGED.

BRACING TO EXISTING TREES OR INSTALLED VERTICAL LOGS WILL OCCUR AT LOCATIONS IDENTIFIED IN THE FIELD TO PROVIDE HORIZONTAL STABILITY. FILLER LOGS AND TREE TOPS WILL BE INSTALLED AT "RACKING" LOCATIONS TO EMULATE NATURAL DEBRIS ACCUMULATIONS AND TO OPTIMIZE FISH HABITAT.

FASTEN LOGS TO VERTICAL SNAG USING THREADED ROD

EXISTING GRADE

PROPOSED GRADE

OHW

OLW

NOT TO SCALE

SECTION - TYPICAL SIDE CHANNEL HABITAT WOOD

PLAN - TYPICAL SIDE CHANNEL HABITAT WOOD

SECTION - TYPICAL HABITAT COVER WOOD

PLAN - TYPICAL HABITAT COVER WOOD

LWD TYPICAL DETAILS