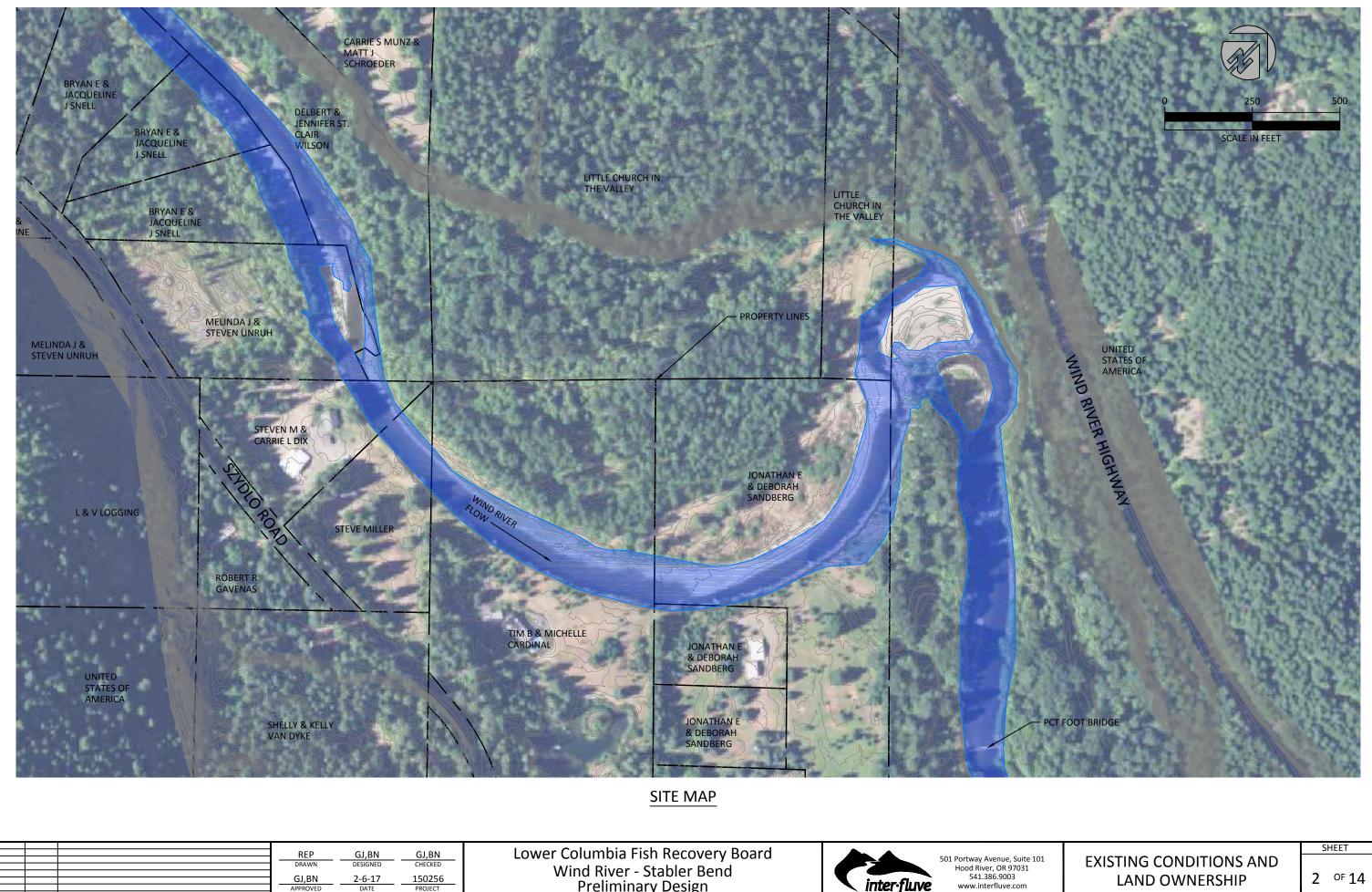


Preliminary Design February 6, 2017

SHEET 1 ^{OF} 14



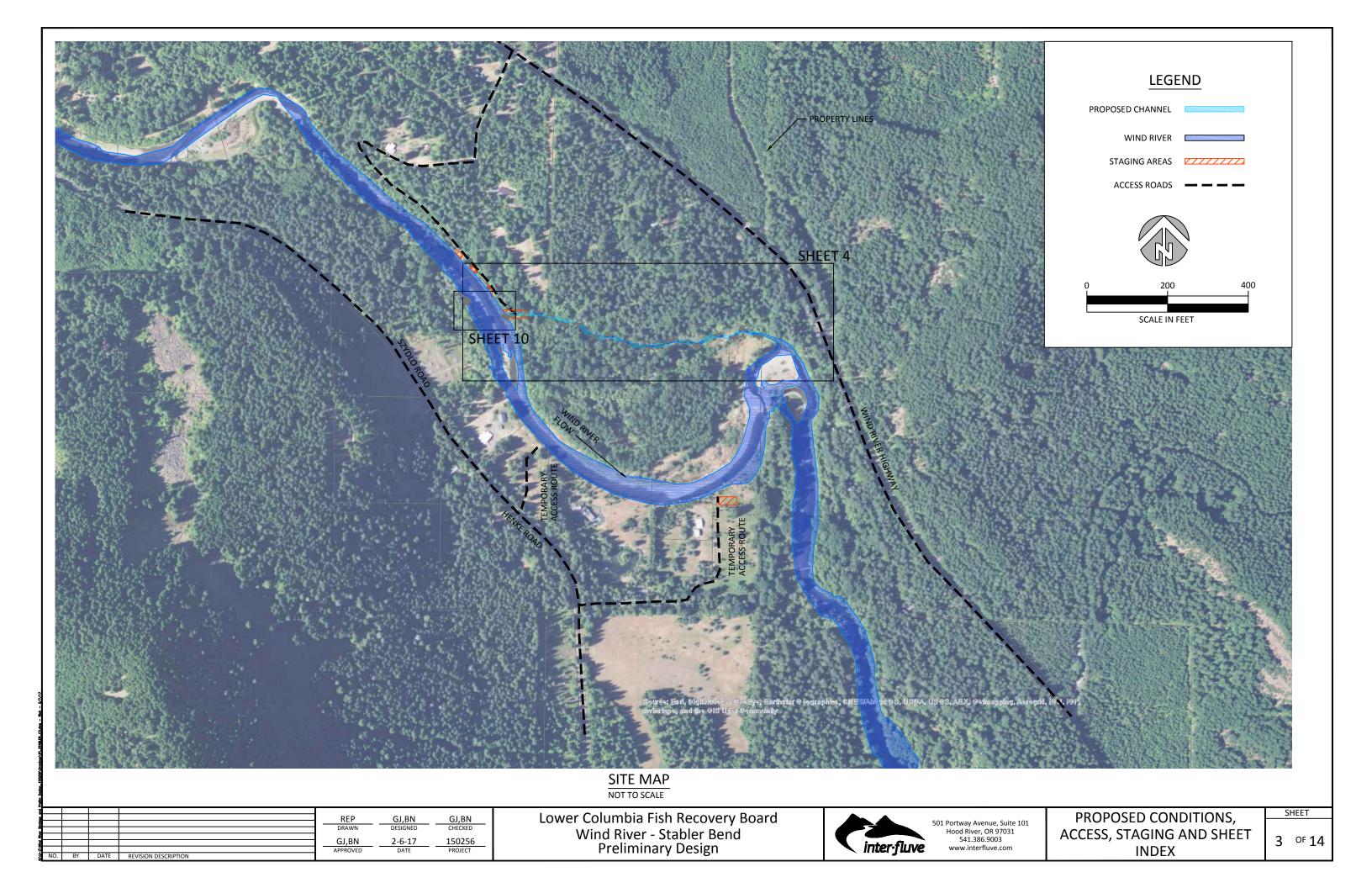
				REP	GJ.BN	GJ.BN
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				GJ,BN	2-6-17	150256
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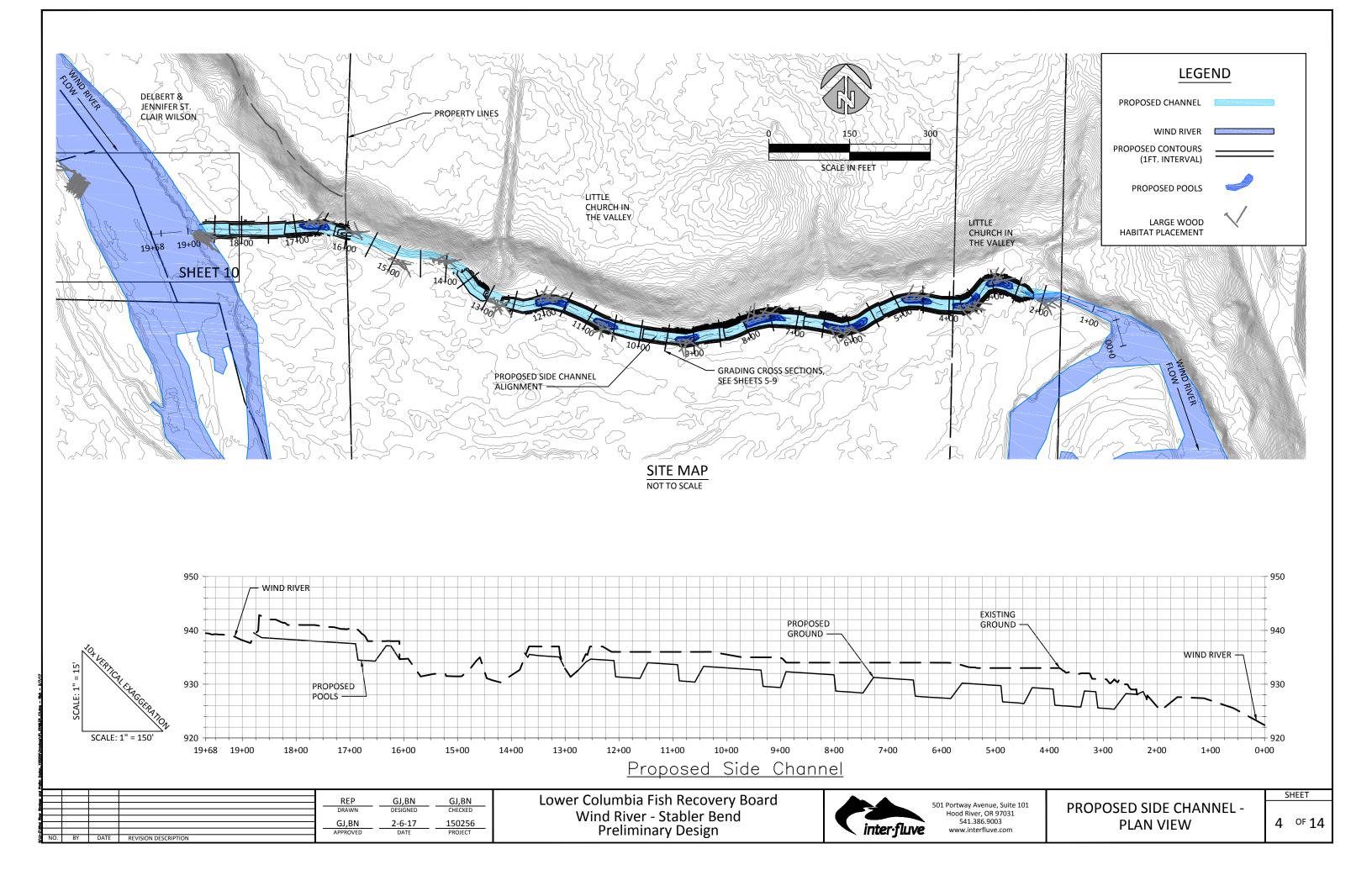
Wind River - Stabler Bend Preliminary Design

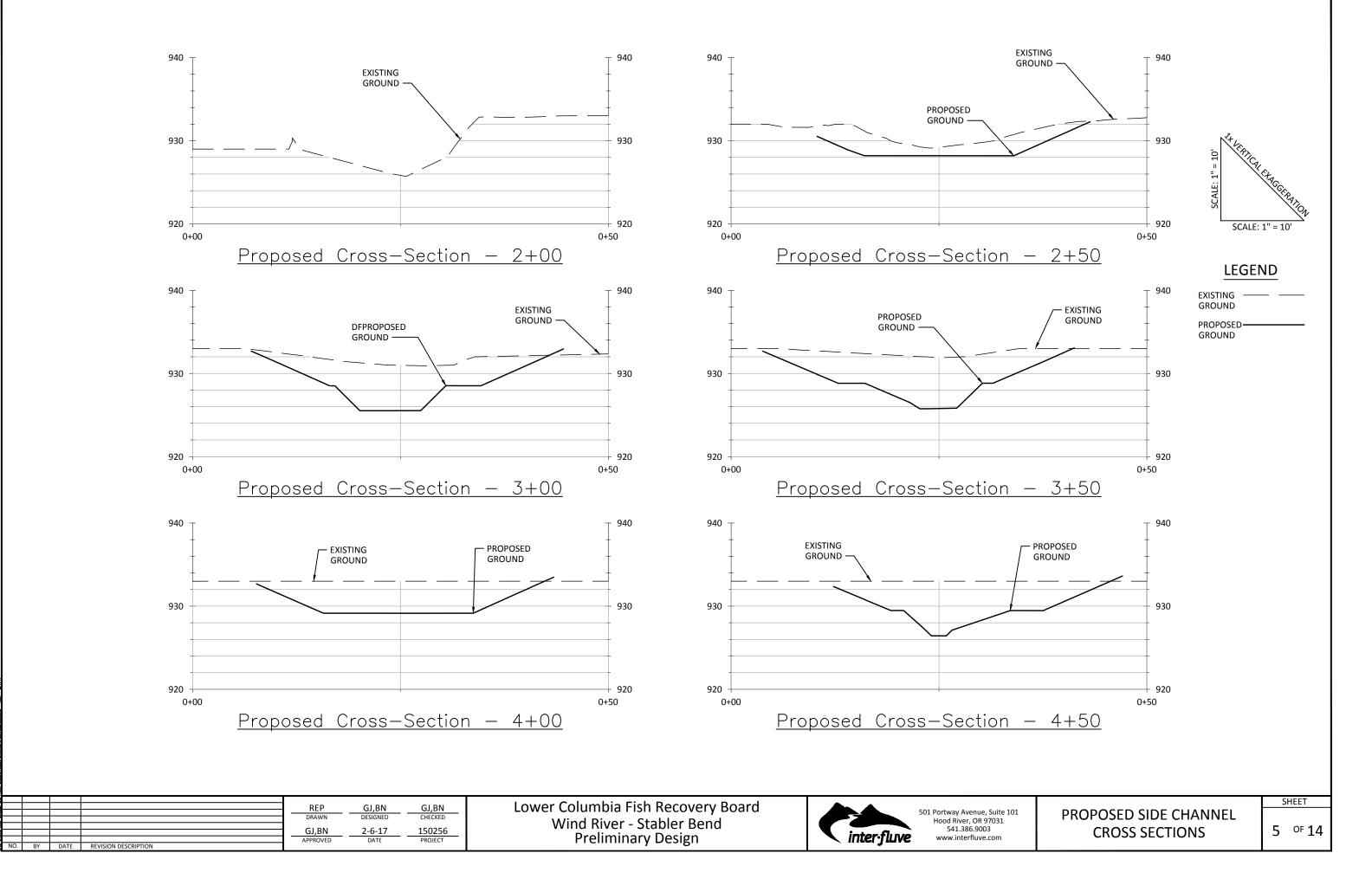


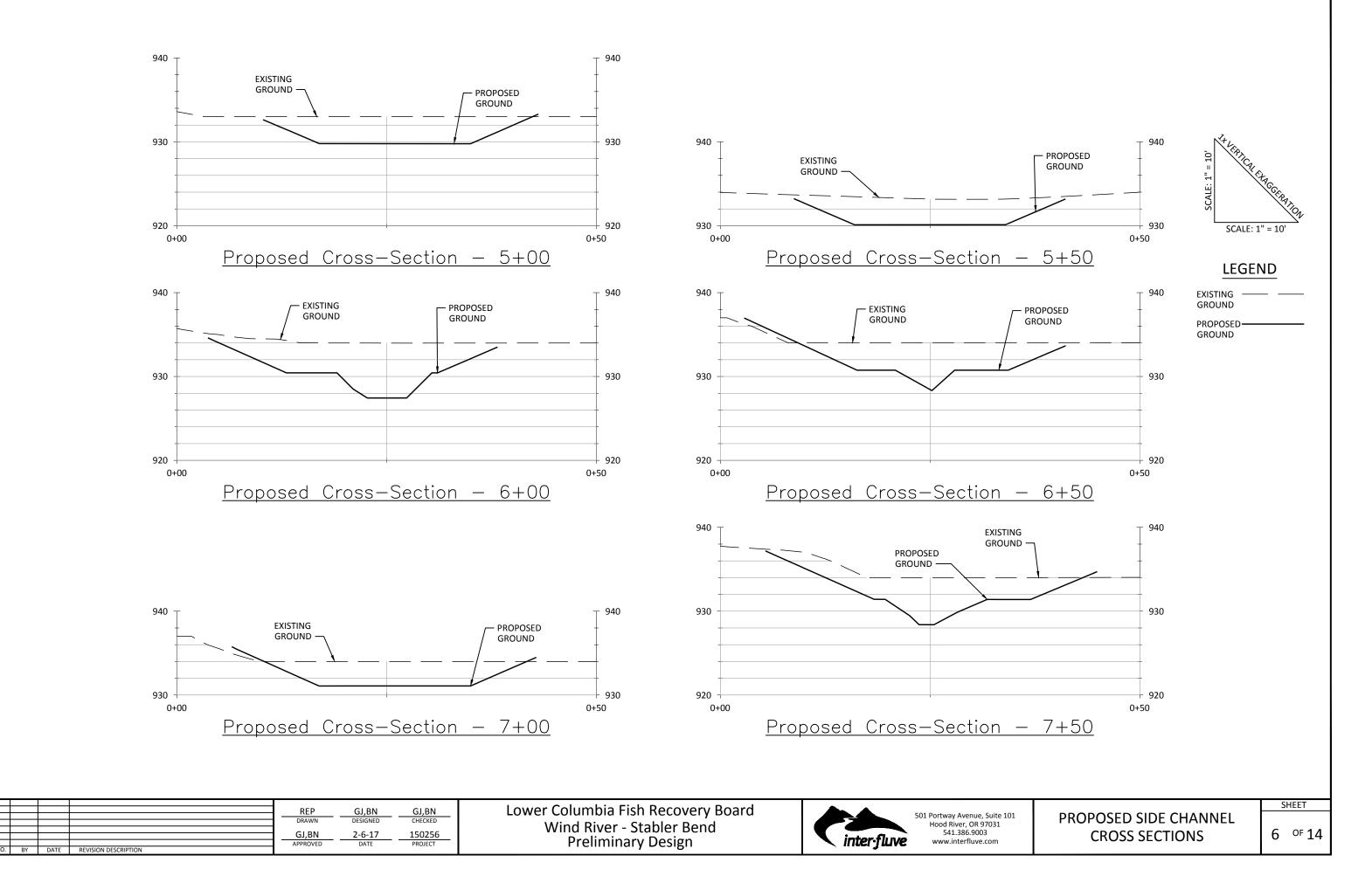
EXISTING CONDITIONS AND LAND OWNERSHIP

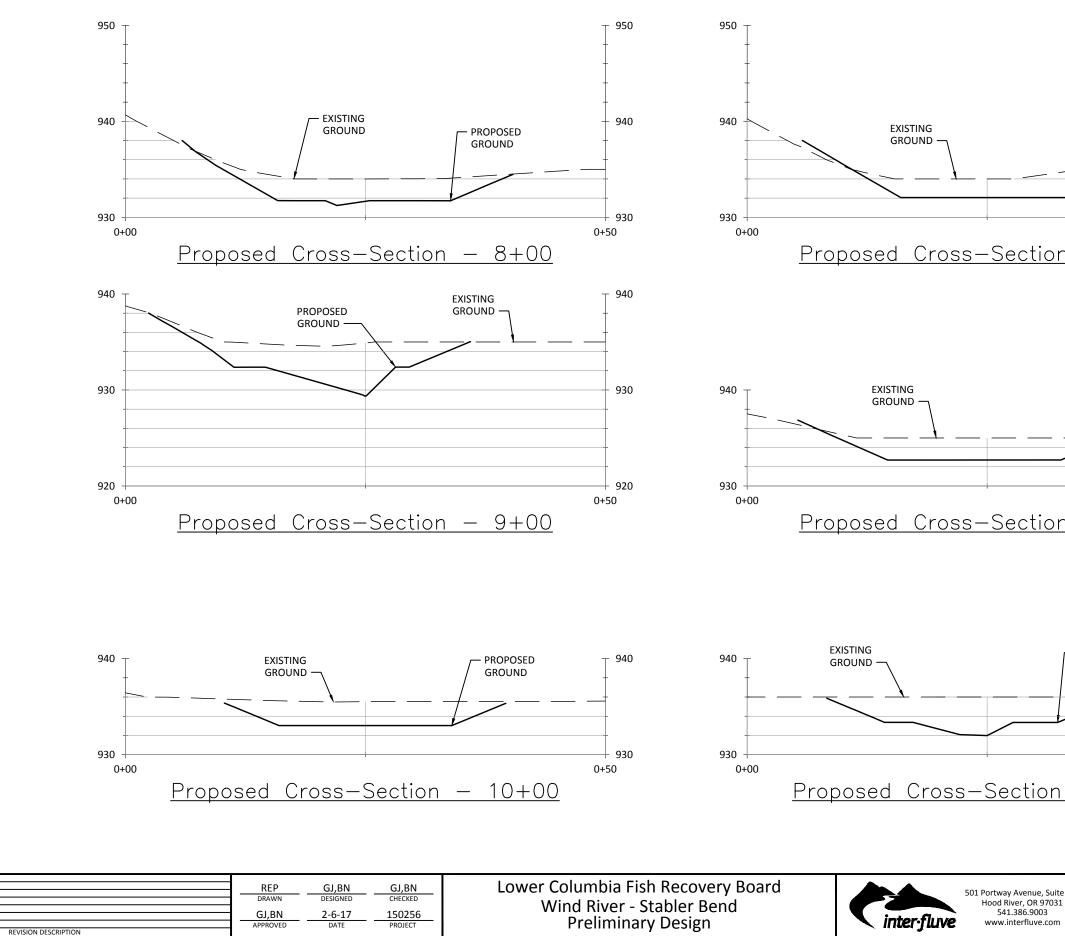
2 OF 14



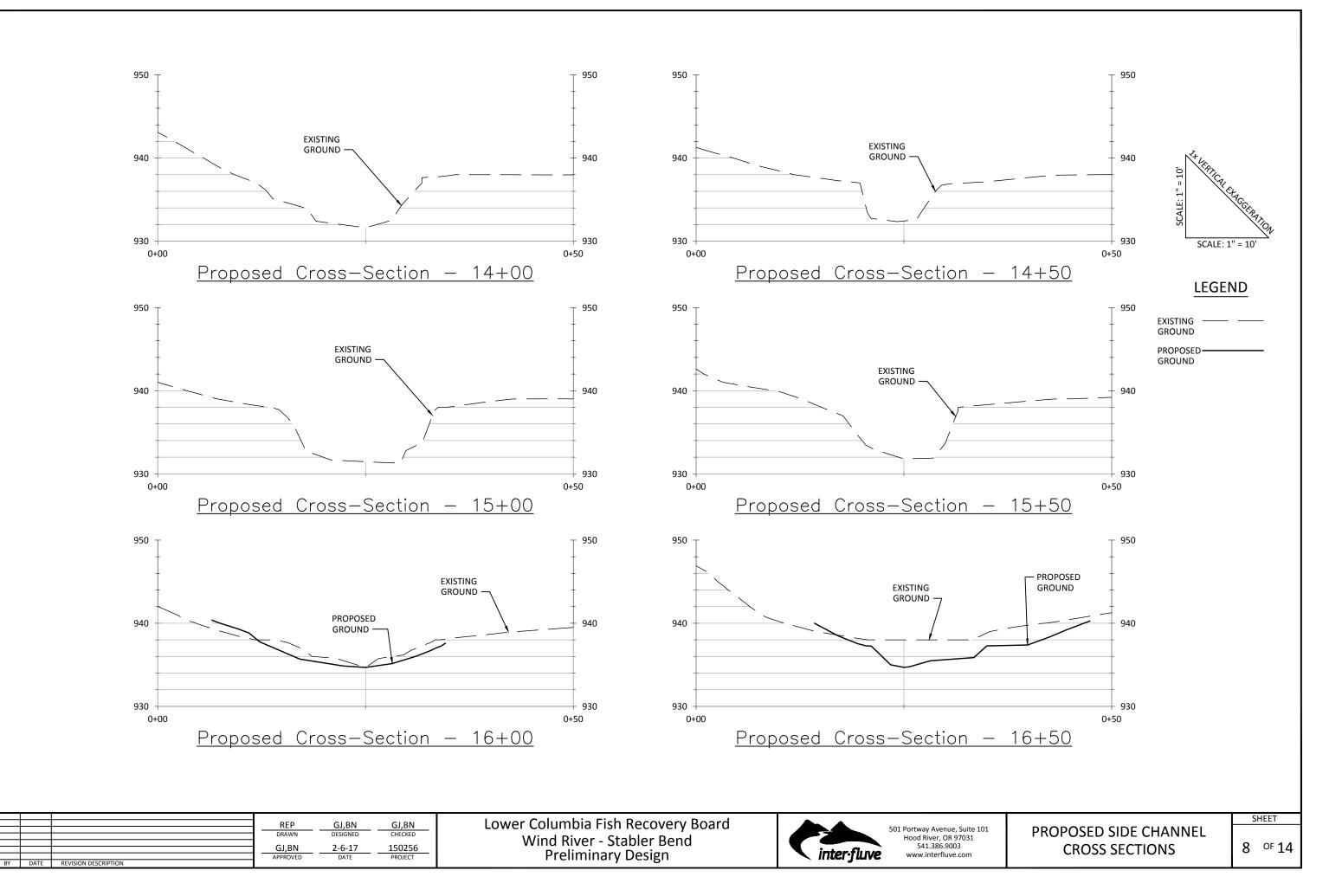


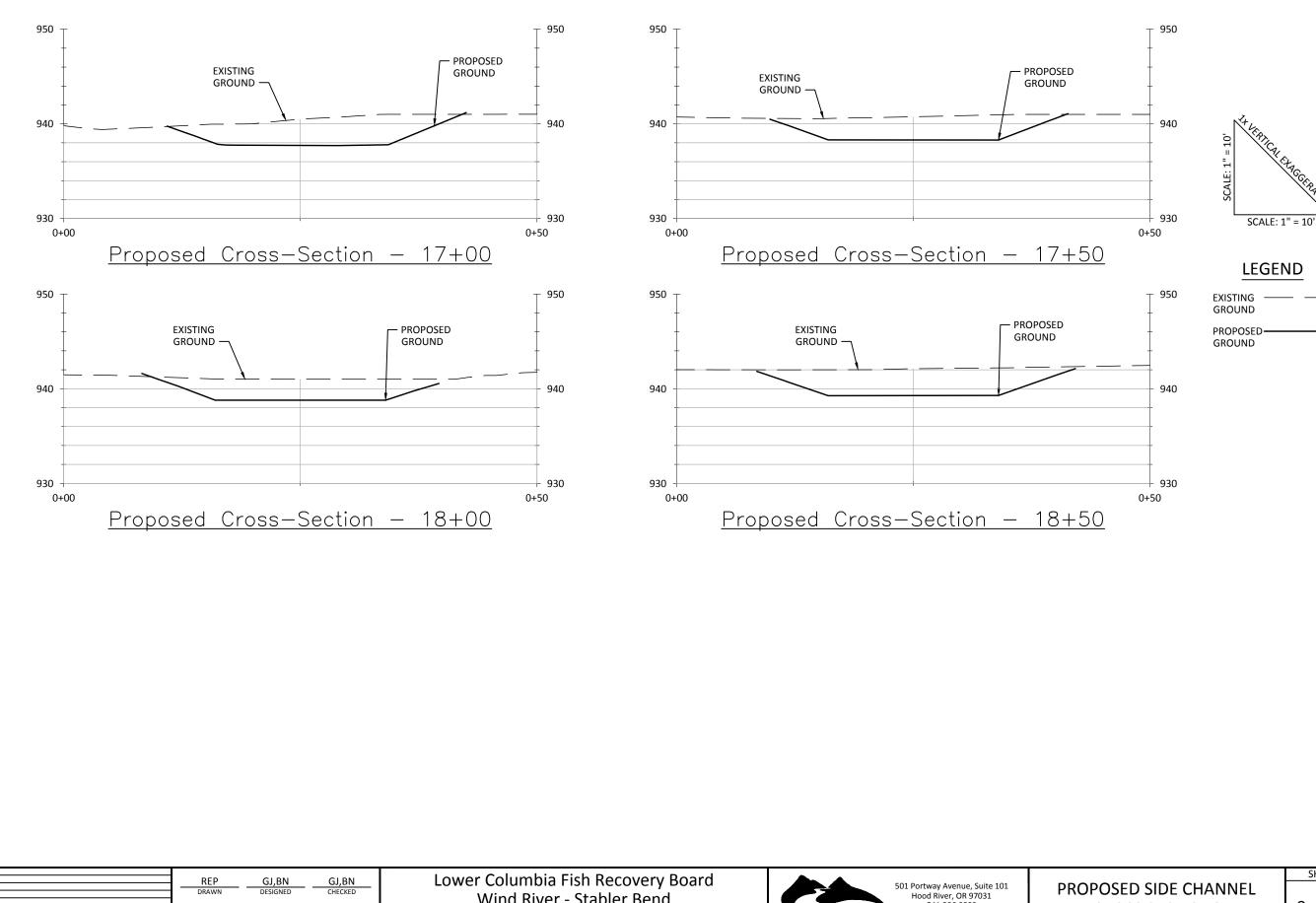






	- 950 -	
propose ground on - 8+50	0+50	ти 1" = 10' <u>ND</u>
proposed GROUND on - 9+50	940 930 0+50 0	
$rac{Proposed}{Ground}$	940 930 0+50	
31	POSED SIDE CHANNEL CROSS SECTIONS	SHEET 7 OF 14



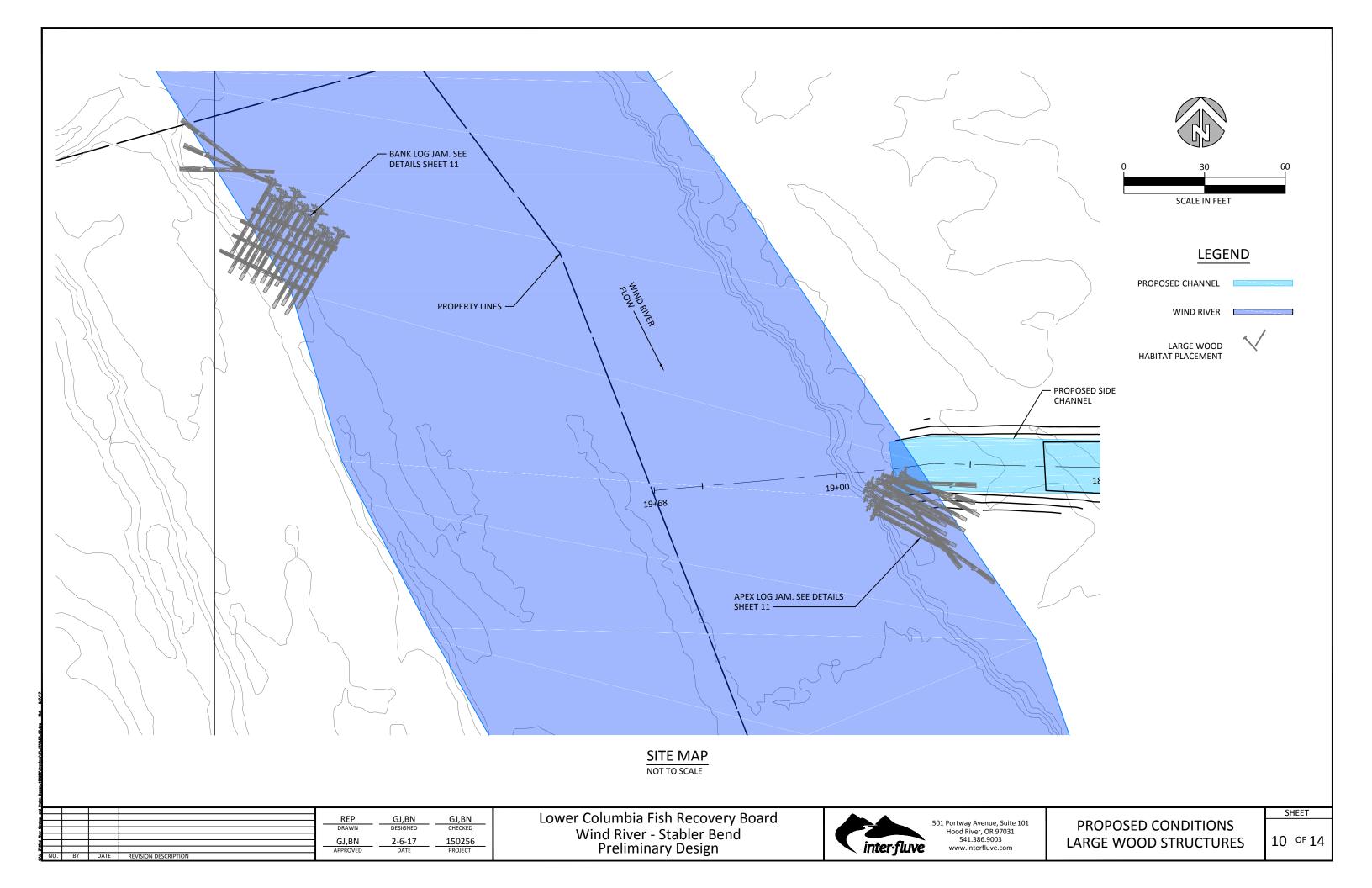


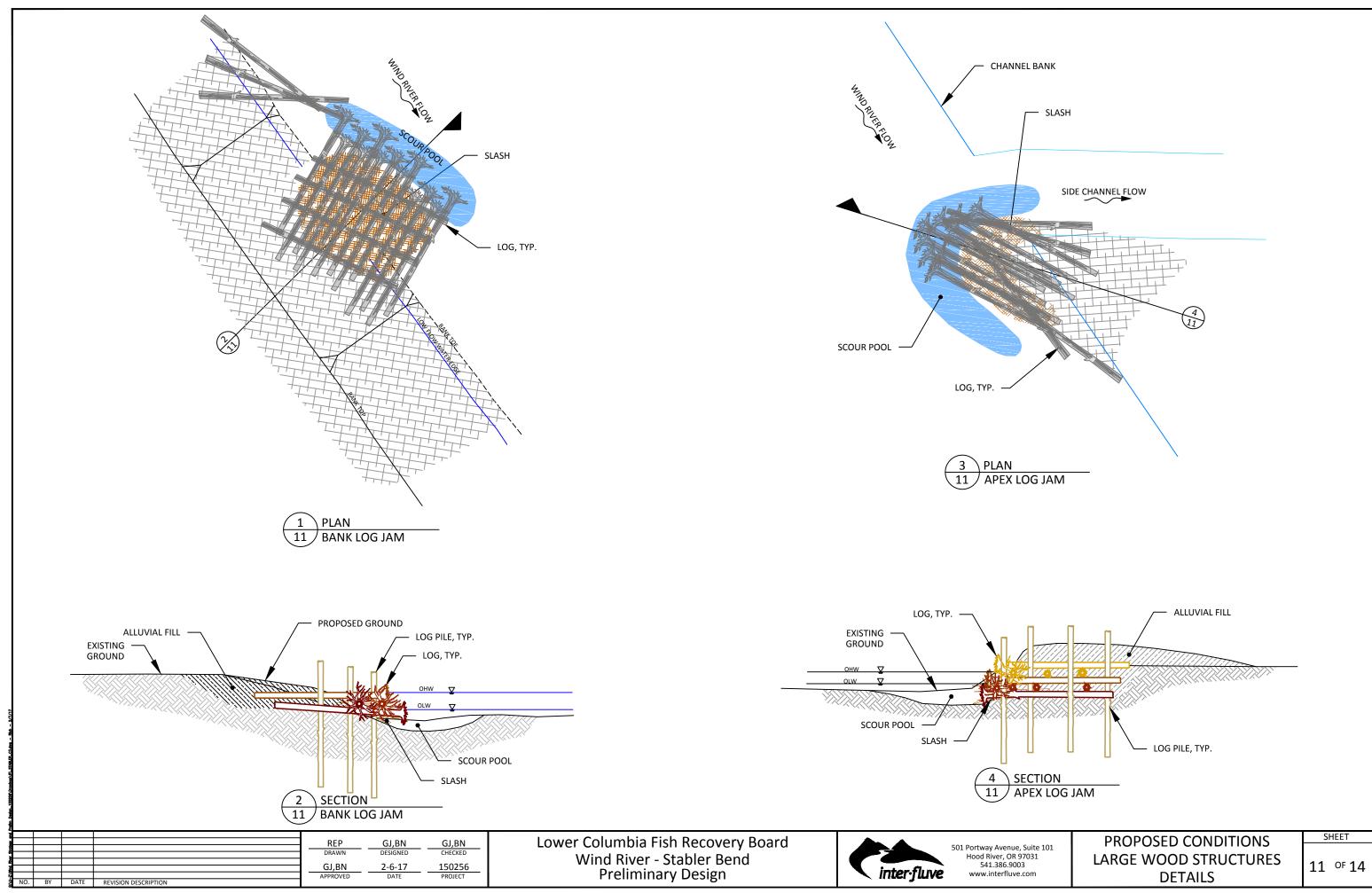
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8				REP	GJ,BN	GJ,BN	Lower Columbia Fish Recovery Board		501 Danta A
P16	_			DRAWN	DESIGNED	CHECKED	,		501 Portway Avenue, Suite
3				510101	DESIGNED	GHEGKEB	Wind River - Stabler Bend		Hood River, OR 97031
2				GJ,BN	2-6-17	150256			541.386.9003
				APPROVED	DATE	PROJECT	Preliminary Design	\ inter-fluve	www.interfluve.com
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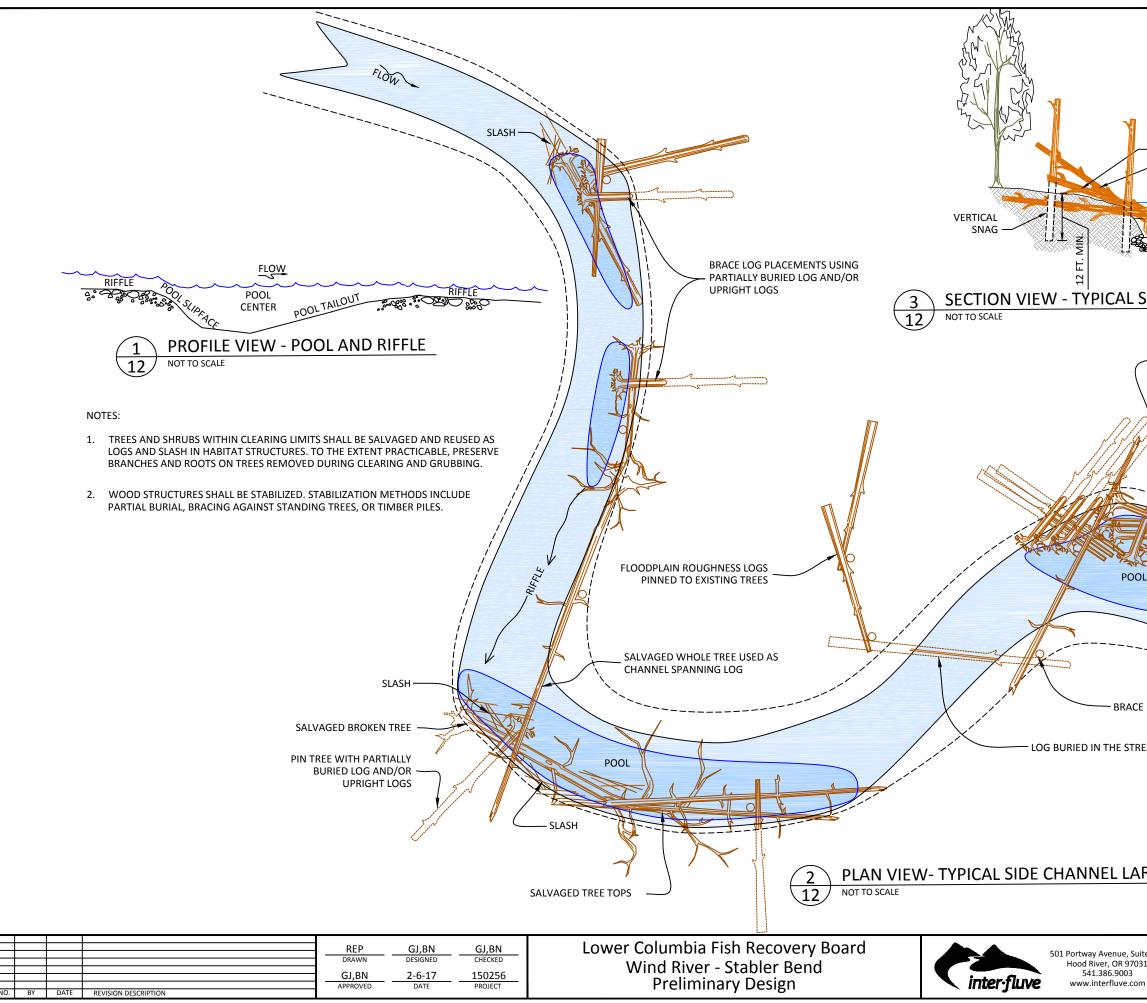
CROSS SECTIONS

9 ^{OF} 14

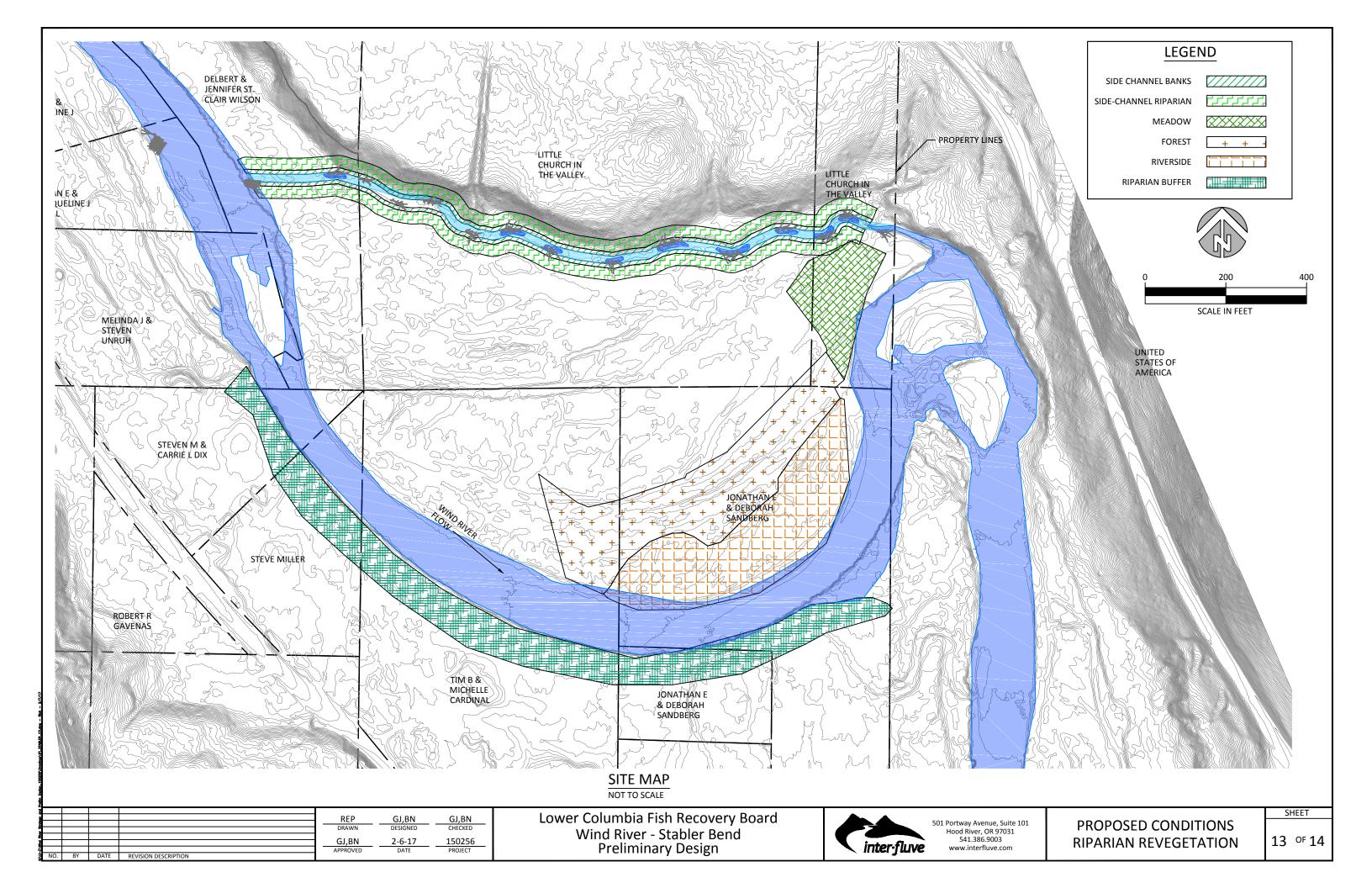




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— SLASH LOG		
Ke		
	EXISTING GRADE	
	HANNEL LARGE WOOD PLACEME	<u>NT"</u>
	USE SALVAGED TREES AND SLASH T PROVIDE A NATURAL APPEARANCE	
E LOGS TO	UPRIGHT LOGS	
EAMBED		
RGE W	OOD CONFIGURATIONS	
ite 101 31 n	PROPOSED CONDITIONS SIDE CHANNEL DETAILS	SHEET 12 OF 14



Phase I Vegetation

Phase II Vegetation

Meadow

Species	Common name	Density	
Populus trichocarpa	Black cottonwood	200/	
Alnus rubra	Red alder	200/acre	
Pseudotsuga menziesii	Douglas fir	200/	
Abies grandis	Grand fir	200/acre	
Riverside			
<u>Species</u>	Common name	Density	
Salix spp.	Willow spp.	1000/2010	
Acer circinatum	Vine maple	1000/acre	
Alnus rubra	Red alder		
Pseudotsuga menziesii	Douglas fir	200/2010	
Populus trichocarpa	Black cottonwood	200/acre	
Acer macrophyllum	Bigleaf maple		
Forest			
<u>Species</u>	Common name	Density	
Acer circinatum	Vine maple	1000/acre	
Ribes sanguineum	Red-flowering currant		
Acer macrophyllum	Bigleaf maple		
Tsuga heterophylla	Western hemlock	200/2010	
Thuja plicata	Western redcedar	200/acre	
Abies grandis	Grand fir		

Side-Channel Banks	I	1
<u>Species</u>	Common name	<u>Density</u>
Elymus glaucus, Bromus	Native grass seed mix, species	
carinatus, Deschampsia	could include: blue wildrye,	
elongata, Lupinus latifolia,	California brome, slender	35-50 lbs/acre
Festuca idahoensis, Poa	hairgrass, broadleaf lupine,	55-50 IDS/ acre
compressa	Idaho fescue, Canada	
	bluegrass	
Mahonia nervosa	Oregon grape	
Gaultheria shallon	Salal	
Polystichum munitum	Sword fern	
Aruncus dioicus	Goatsbeard	1000/acre
Cornus stolonifera	Red-osier dogwood	
Rubus spectabilis	Salmonberry	
Rosa nutkana	Nootka Rose	
Side-Channel Riparian		
Species	Common name	Density
Salix spp.	Willow	1000/
Acer circinatum	Vine maple	1000/acre
Fraxinus latifolia	Oregon ash	
Populus trichocarpa	Black cottonwood	-
Acer macrophyllum	Bigleaf maple	200/ 0000
Alnus rubra	Red alder	200/ acre
Thuja plicata	Western redcedar	
Tsuga heterophylla	Western hemlock	
Riparian Buffer		
<u>Species</u>	Common name	Density
Salix spp.	Willow spp.	1000/acre
Ribes sanguineum	Red-flowering currant	-
Acer macrophyllum	Bigleaf maple	-
Populus trichocarpa	Black cottonwood	200/ acre
Alnus rubra	Red alder	4
Pseudotsuga menziesii	Douglas fir	1

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						150256
NO.	BY	DATE	REVISION DESCRIPTION	APPROVED	DATE	PROJECT
	NO.	NO. BY	NO. BY DATE	NO. BY DATE REVISION DESCRIPTION	REP DRAWN GJ,BN APPROVED	DRAWN DESIGNED GJ,BN 2-6-17 APPROVED DATE



501 Portway Avenue, Suite Hood River, OR 97031 541.386.9003 www.interfluve.com

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RIPARIAN REVEGETATION PLANT LIST

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14 OF 14