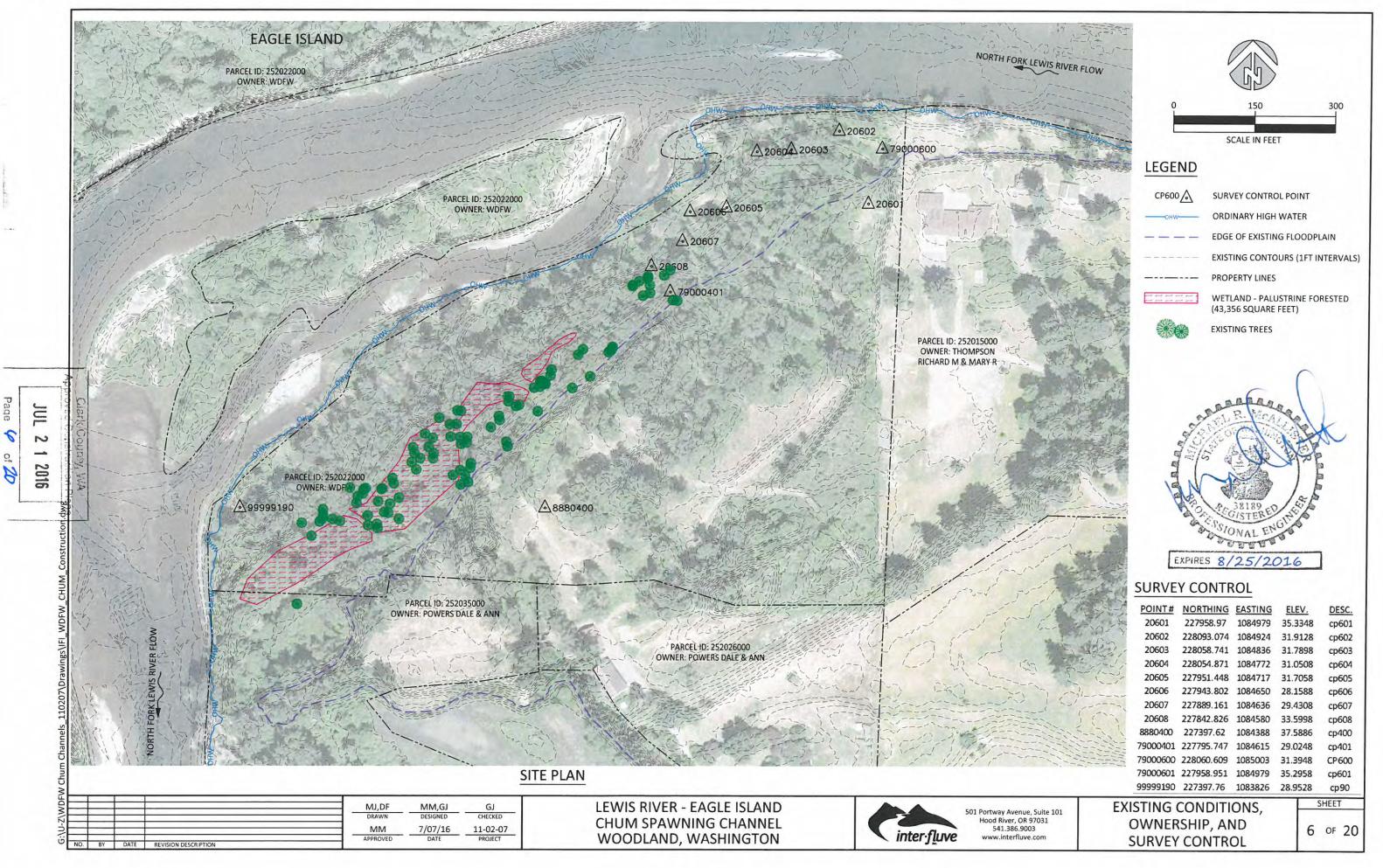
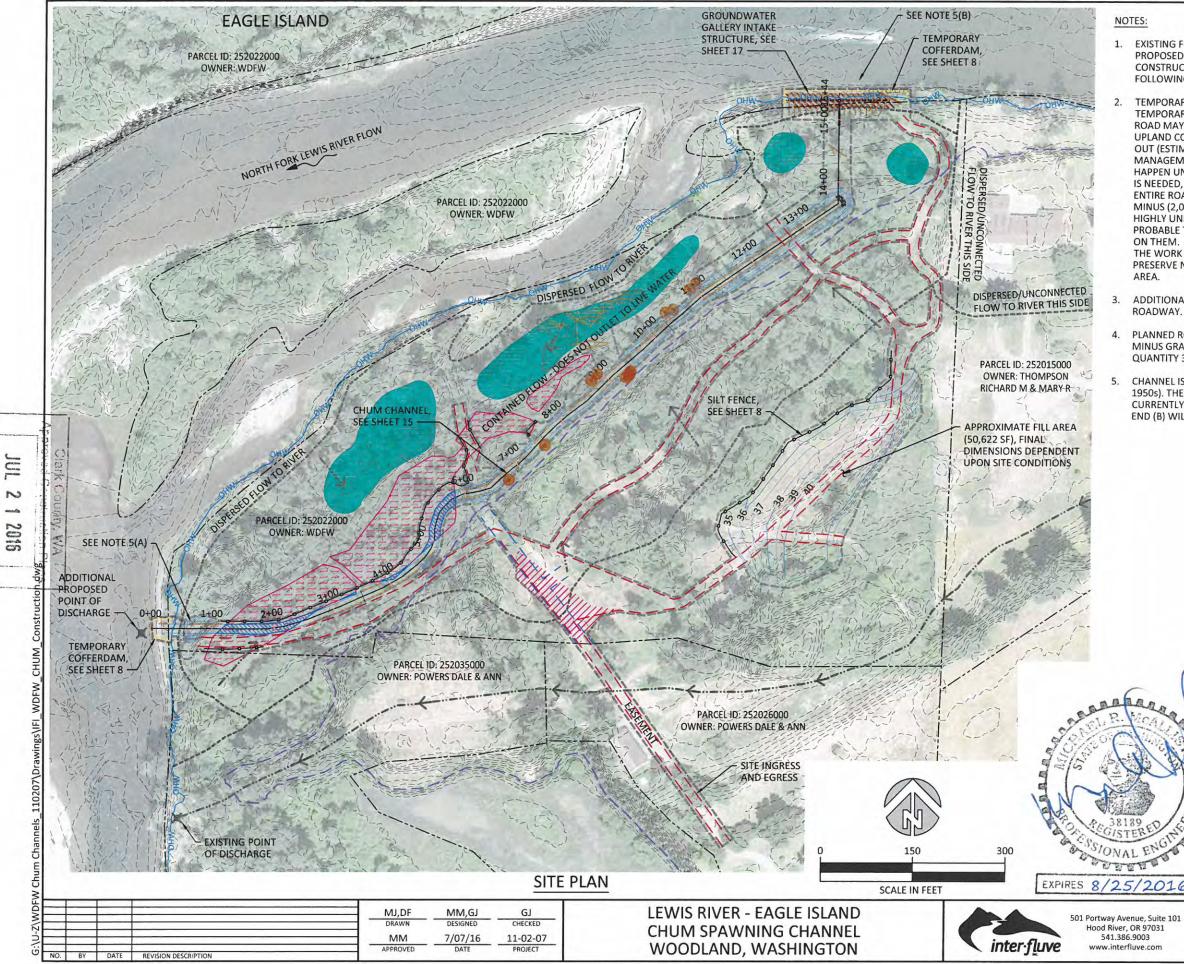


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		and the second se	
IS RIVER - EAGLE ISLAND WNING CHANNEL DESIGN			
Proud po	int, promining future		
PROJECT	HALL COMPLETE ALL LINES: QUANTITIES BLE $$ = APPLICABLE		
Cut) Volume (Cubic Yards) <u>9130</u> (Cubic Yards) <u>2179</u>		<u>30 CY</u> 79 CY	
Cubic Yards) Cubic Yards)			
uare Feet)	20	5,522 ft ²	
LY AND WHEN MR #7 (Acres)	us Area Obligation (Acres) N/ Obligation (Acres) N/	A	
/EMENTS	PRIVATE IMPROVEMEN	ITS	
I & Collector) ol Feet N/A ol Feet N/A ol Feet N/A ol Feet N/A ol Feet N/A ol Feet N/A ol Feet N/A	☐ Transportation Sidewalk Lineal Feet Curb Lineal Feet Street Lineal Feet	N/A	
y Type <u>N/A</u>	□ Stormwater Facility Type	<u>N/A</u>	
1ap rial Specifications nd Survey Control ccess, Staging & Erosi ol Typical Details ons Plan & Profile 3+25 10+25 o 13+70 o 13+00	A STANDAL STANDAL	ED ING AN	
	OVER, SHEET INDEX, AND VICINITY MAP	SHEET 1 OF 20	



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1. EXISTING FLOW PATHS WILL NOT BE ALTERED BY PROJECT. EXISTING AND PROPOSED WILL BE THE SAME EXCEPT FOR EXISTING CAPTURED FLOWS. DURING CONSTRUCTION, THEY WILL BE TREATED IN THE AREA AND RELEASED TO THE RIVER. FOLLOWING CONSTRUCTION, CONTAINED FLOW WILL FREELY DRAIN TO THE RIVER.

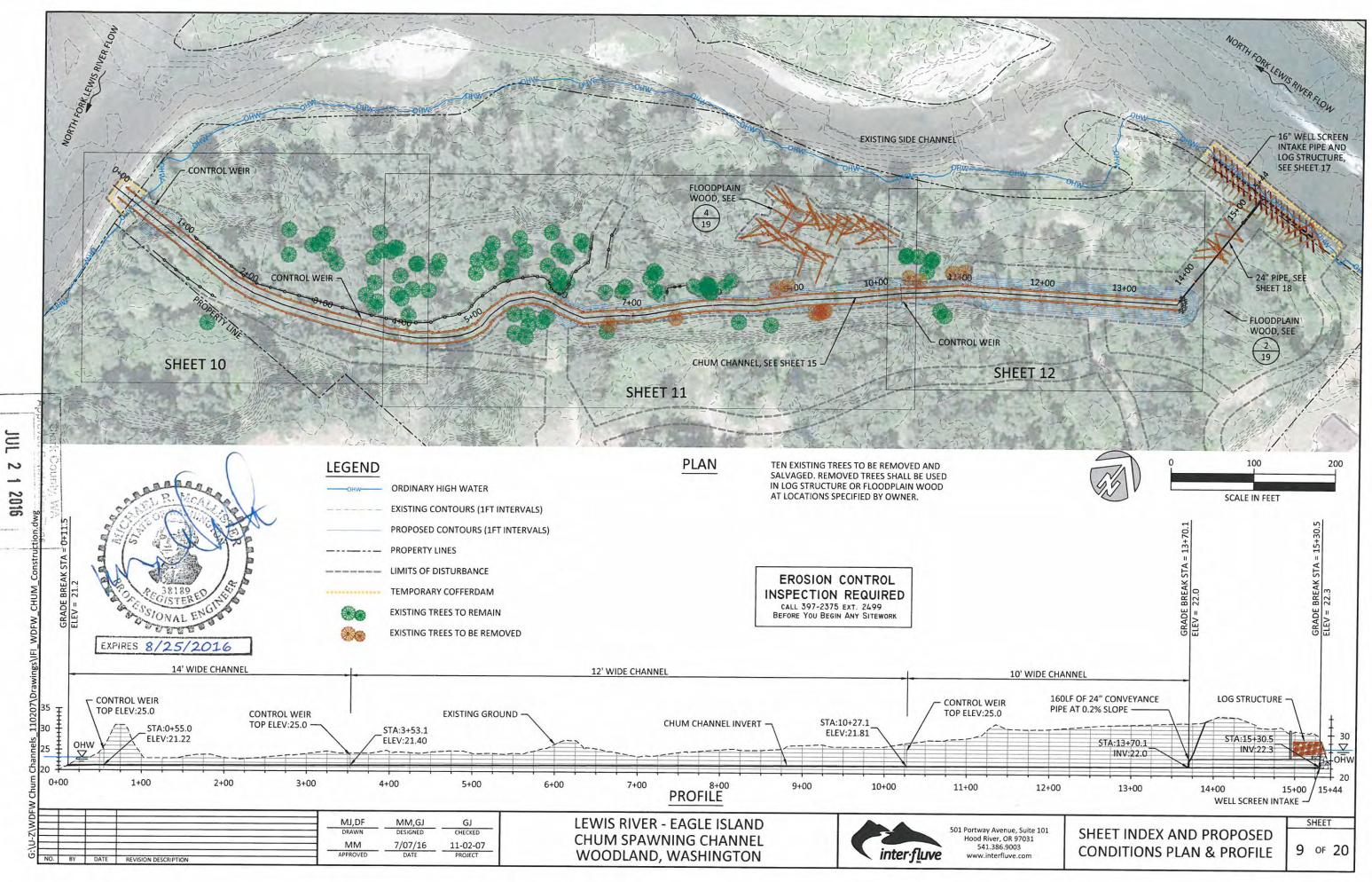
TEMPORARY ROADS WILL BE ABANDONED FOLLOWING CONSTRUCTION. TEMPORARY ROAD FILL PLACEMENT: A MAXIMUM OF 2,000 LF OF 10-12' WIDE ROAD MAY BE ROCKED IF SOIL CONDITIONS/WEATHER DICTATES NECESSARY. UPLAND CONSTRUCTION IS NOT PLANNED TO BEGIN UNTIL THE SITE HAS DRIED OUT (ESTIMATE MAY) TO MINIMIZE ENVIRONMENTAL IMPACTS AND WATER MANAGEMENT/TREATMENT COSTS AND EFFORTS. IN-WATER WORK WILL NOT HAPPEN UNTIL PERMIT WINDOWS (ESTIMATE JULY). IN THE EVENT THAT ANY ROCK IS NEEDED, THE ROAD WILL BE SPOT ROCKED TO FIRM UP SOFT SPOTS. IF THE ENTIRE ROAD WAS TO BE ROCKED, THIS WOULD BE A TOTAL OF 500 CY OF 2-1/2" MINUS (2,000 LF x 12' WIDE x 0.5' DEEP / 27 x 1.15 COMPACTION FACTOR). IT IS HIGHLY UNLIKELY THIS WILL HAPPEN BASED ON SITE OBSERVATIONS. IT IS MORE PROBABLE THAT SOME AREAS (20-50' LONG) MAY RECEIVE MORE THAN 6" OF ROCK ON THEM. ALL TEMPORARY ROCK FILL WILL BE REMOVED AT THE CONCLUSION OF THE WORK BACK DOWN TO EXISTING SOILS TO ENCOURAGE REVEGETATION AND PRESERVE NATURAL DRAINAGE PATHS, AND MINIMIZE IMPERMEABLE SURFACE

ADDITIONALLY, THE EXCAVATED CHANNEL WILL BE USED AS A TEMPORARY ROADWAY.

PLANNED ROAD FILL PERMANENT: THE STAGING AREA WILL RECEIVE 6" OF 2-1/2" MINUS GRAVEL TO FACILITATE STAGING OF MATERIALS IN THE SPRING.ESTIMATED QUANTITY 300CY.

CHANNEL IS TO BE CONSTRUCTED IN RELIC CHANNEL OF LEWIS RIVER (CIRCA 1950s). THERE ARE NATURAL LEVEES ON BOTH ENDS OF OF THE CHANNEL CURRENTLY. THE DOWNSTREAM (A) LEVEE WILL BE BREACHED. THE UPSTREAM END (B) WILL BE REBUILT.

	LEGEND		
	OHW	ORDINARY HIGH WATER	
		EXISTING CONTOURS (1FT	INTERVALS)
		PROPOSED CONTOURS (1F	T INTERVALS)
		PROPERTY LINES	
		EDGE OF EXISTING FLOODP	LAIN
		LIMITS OF DISTURBANCE	
		WETLAND - PALUSTRINE FC (43,356 SQUARE FEET)	DRESTED
		IMPACTED WETLAND (3882	2 SF, 288 CY)
(POTENTIAL VEGETATIVE FIL ZONE	TRATION
1		TEMPORARY STAGING / STO	OCKPILE AREA
Se.		TEMPORARY COFFERDAM	
		SILT FENCE	
all a		CLEARED, EXISTING VEHICLI BE USED AS TEMPORARY RO NOTE 4)	
L'EER	\$ ====	PROPOSED PERMANENT AC AND PARKING AREA (SEE N	
10		THRESHOLD DRAINAGE ARE BOUNDARY	A (TDA)
16]	TDA FLOW PATH	
101	PRELIMINARY		SHEET
		S, STAGING &	7 OF 20
	EROSION	CONTROL)	

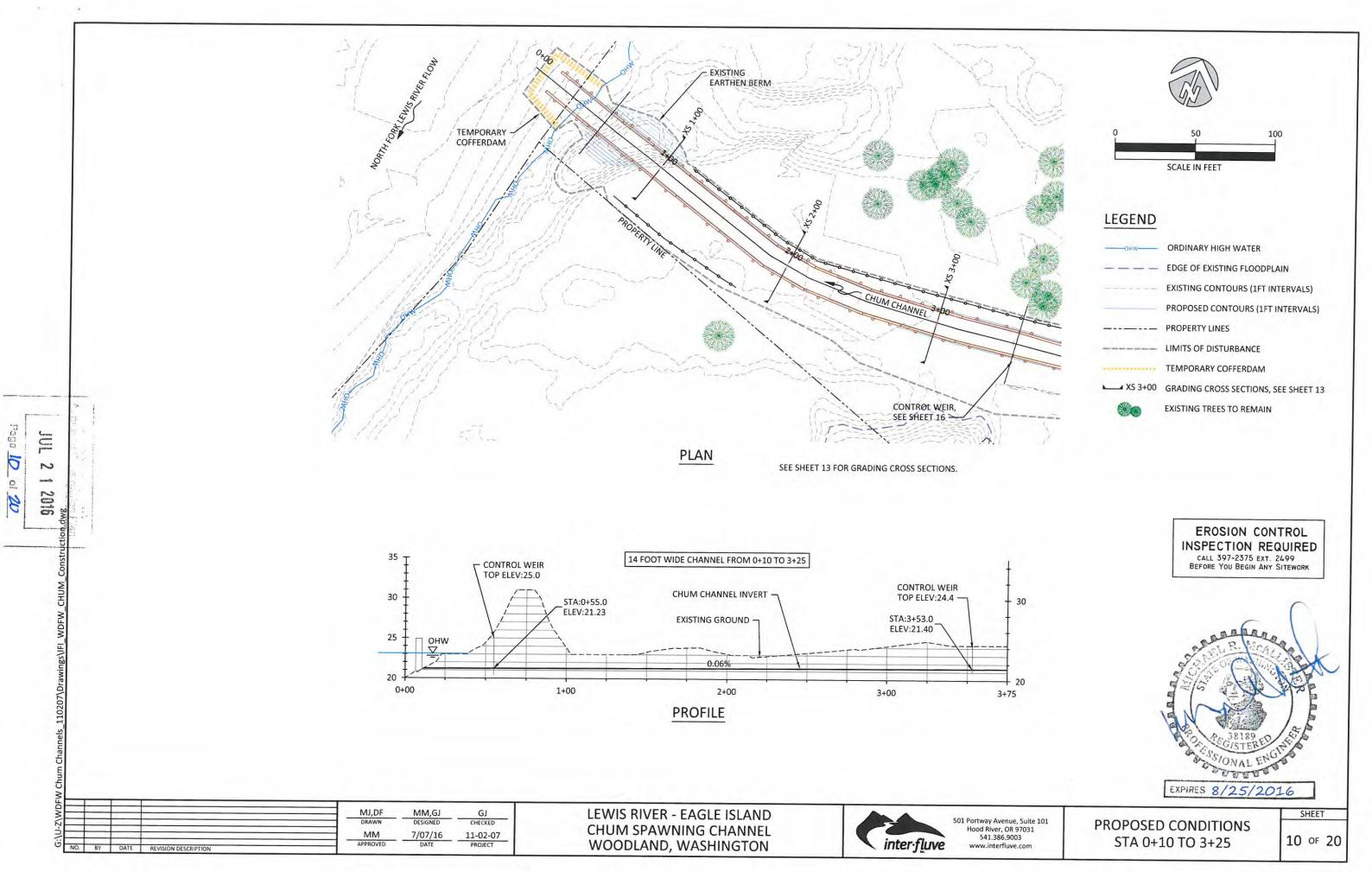


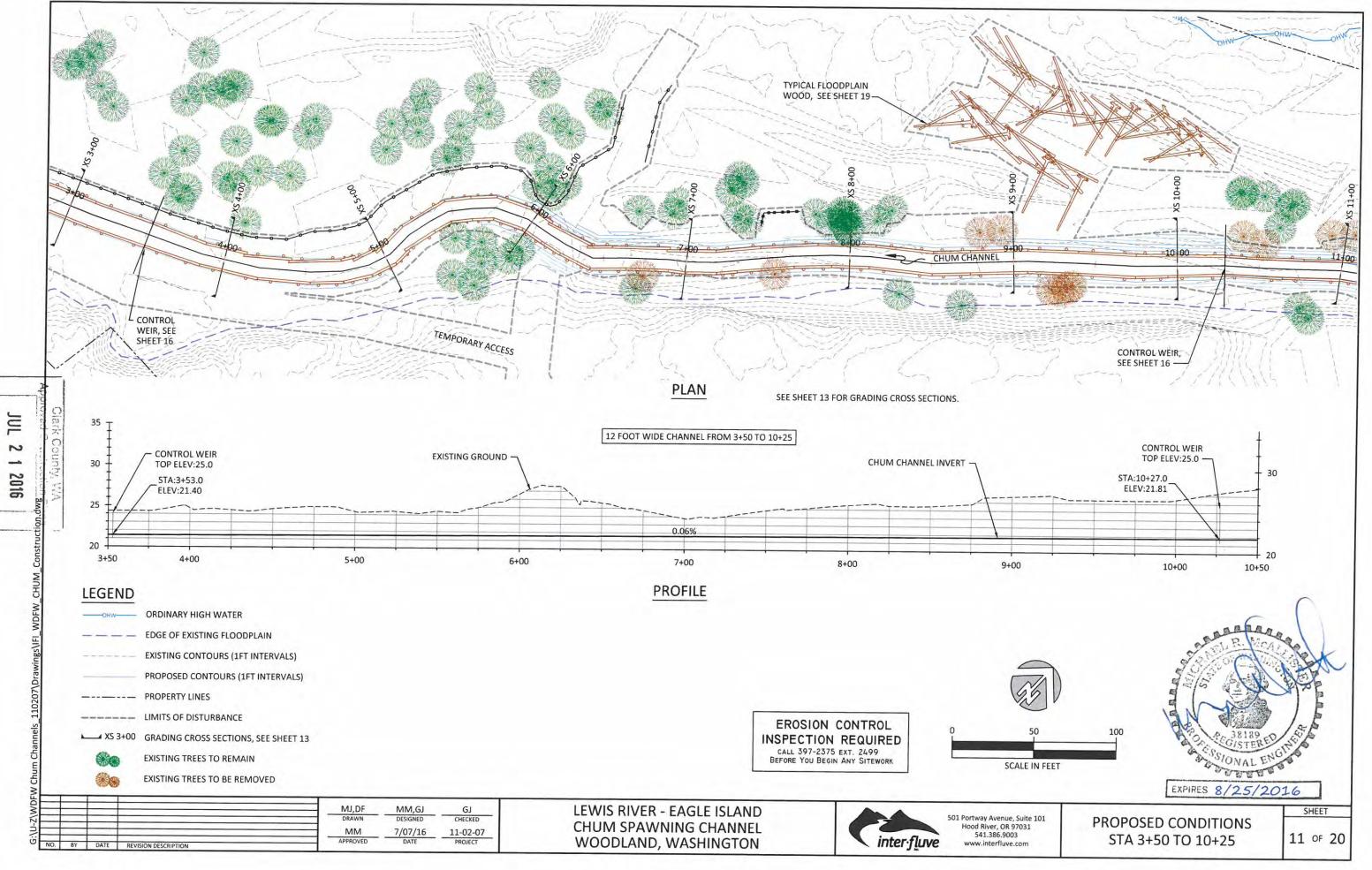
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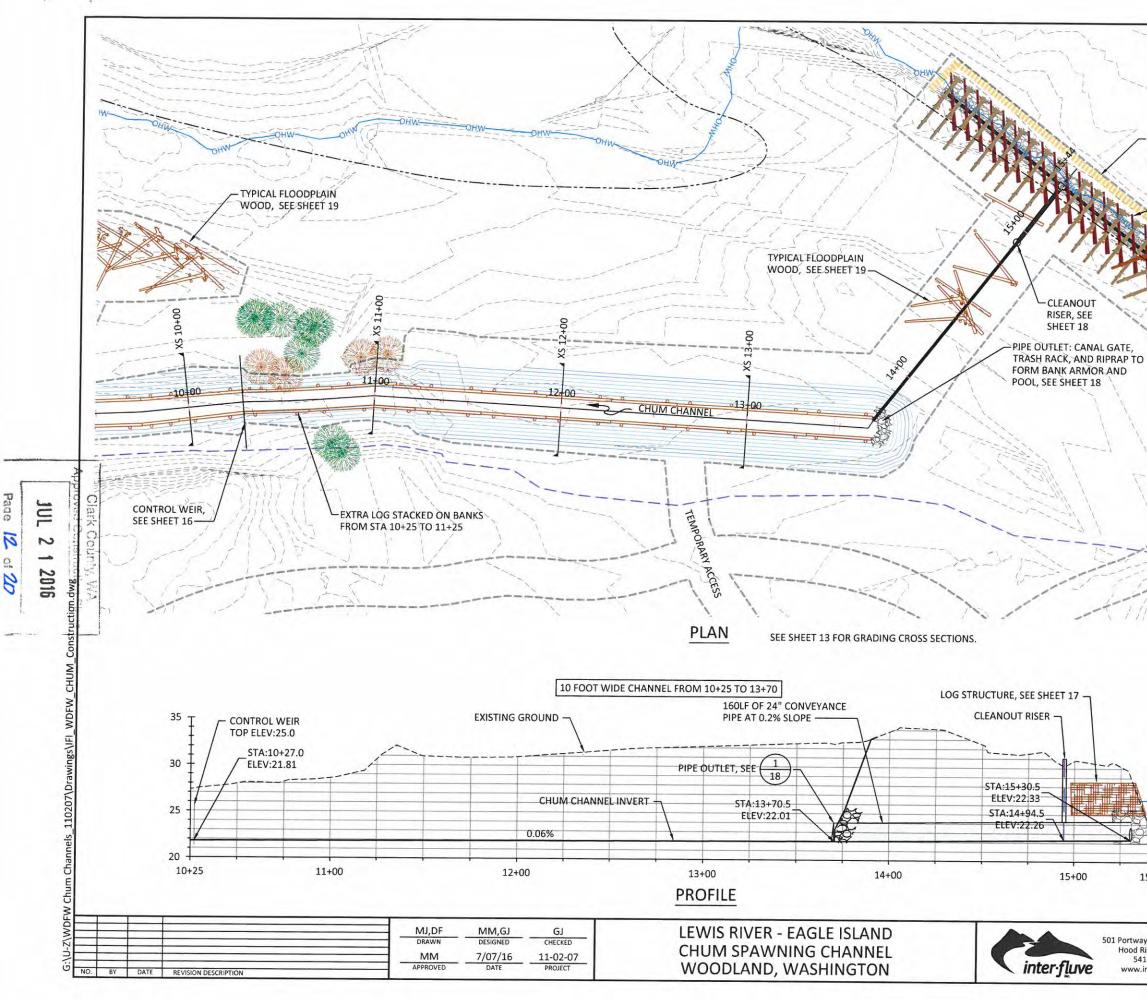


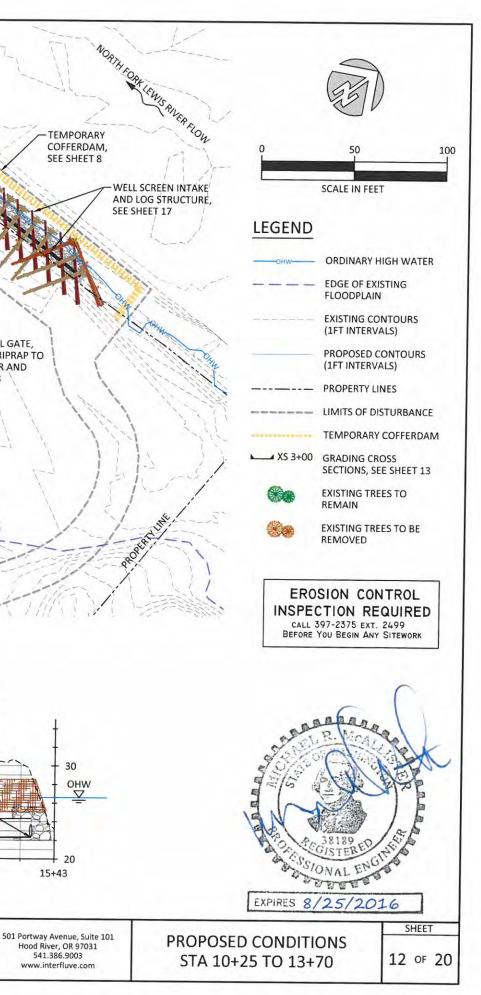
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CLEANOUT RISER, SEE

SHEET 18

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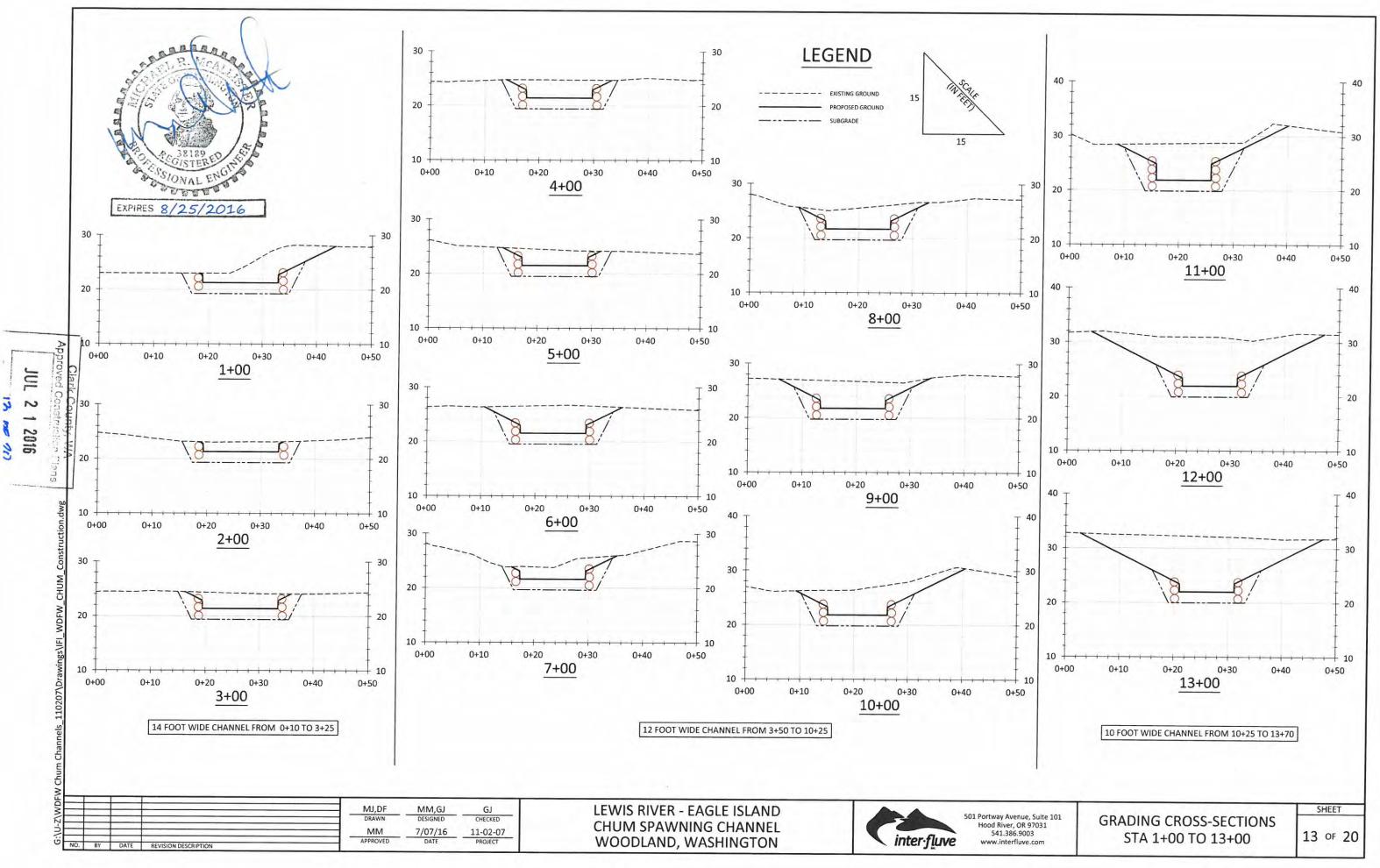
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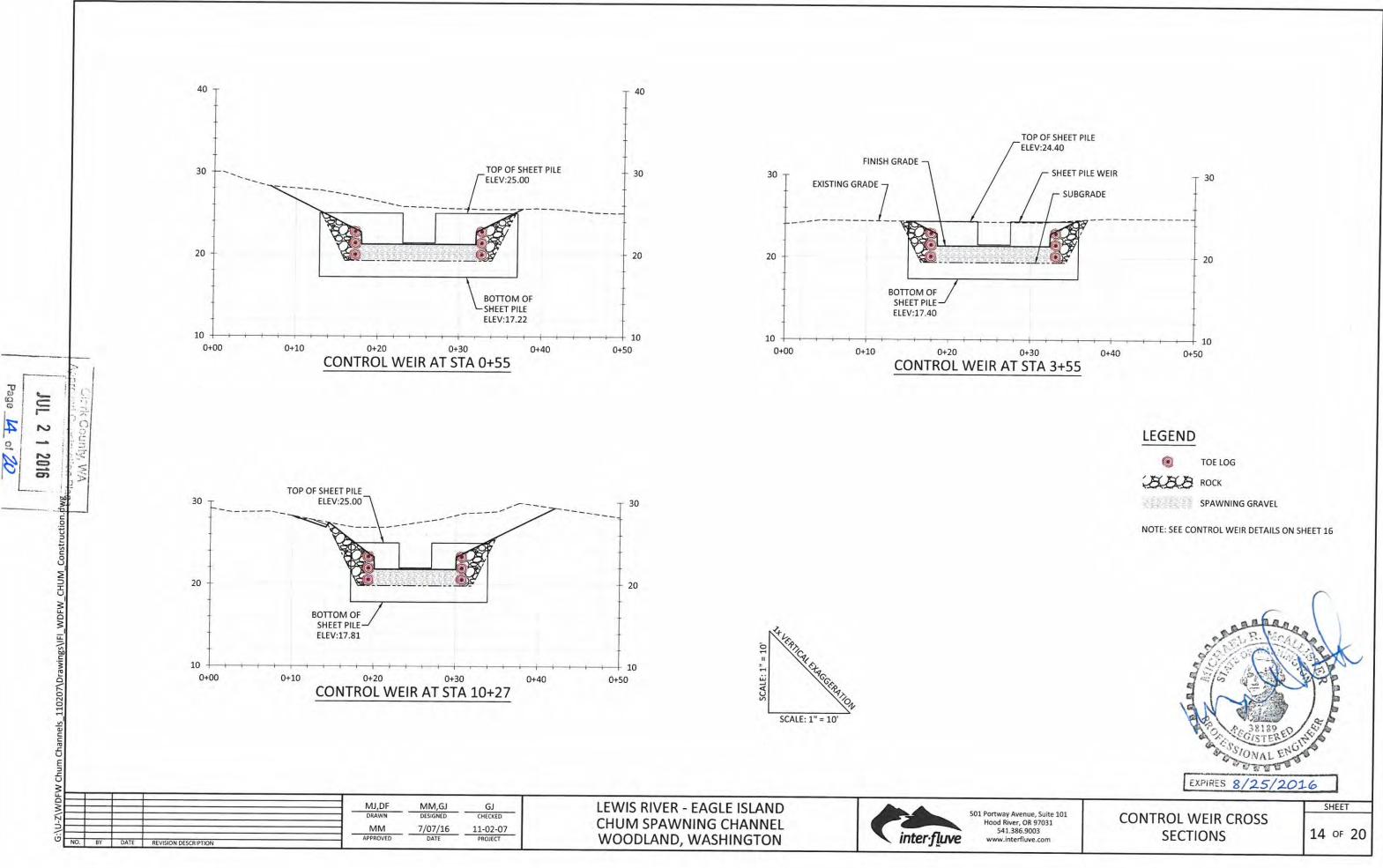
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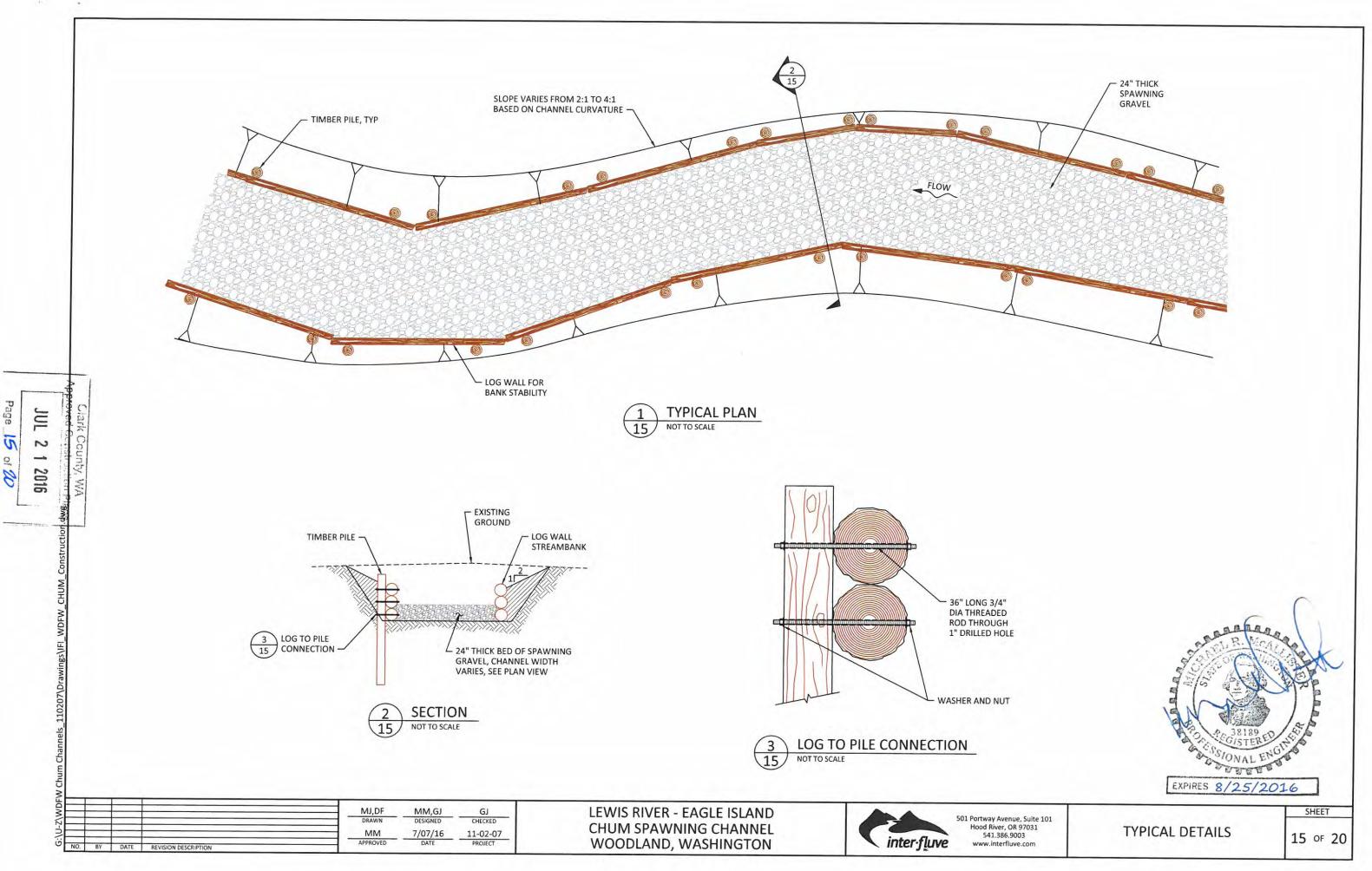
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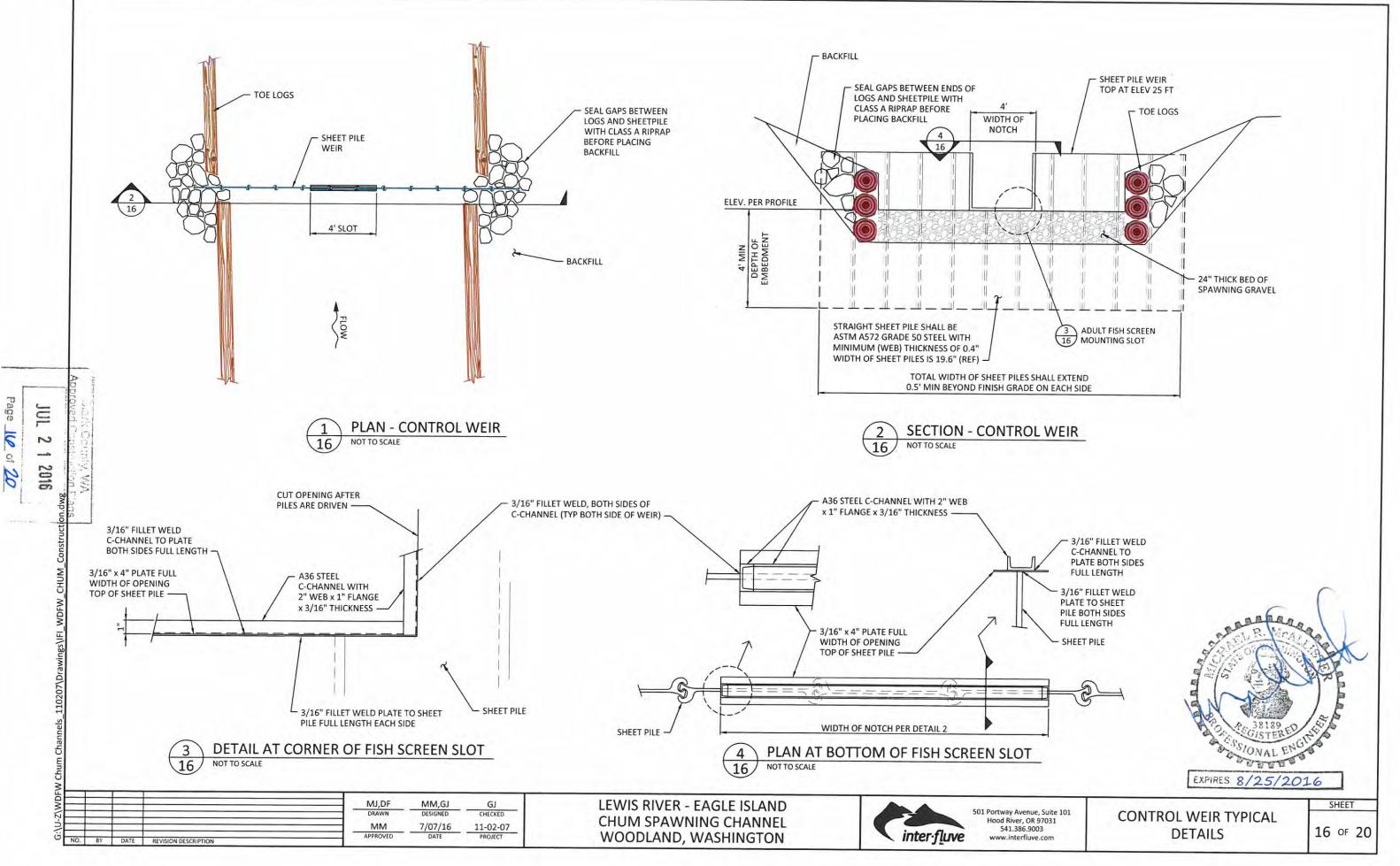
OHW

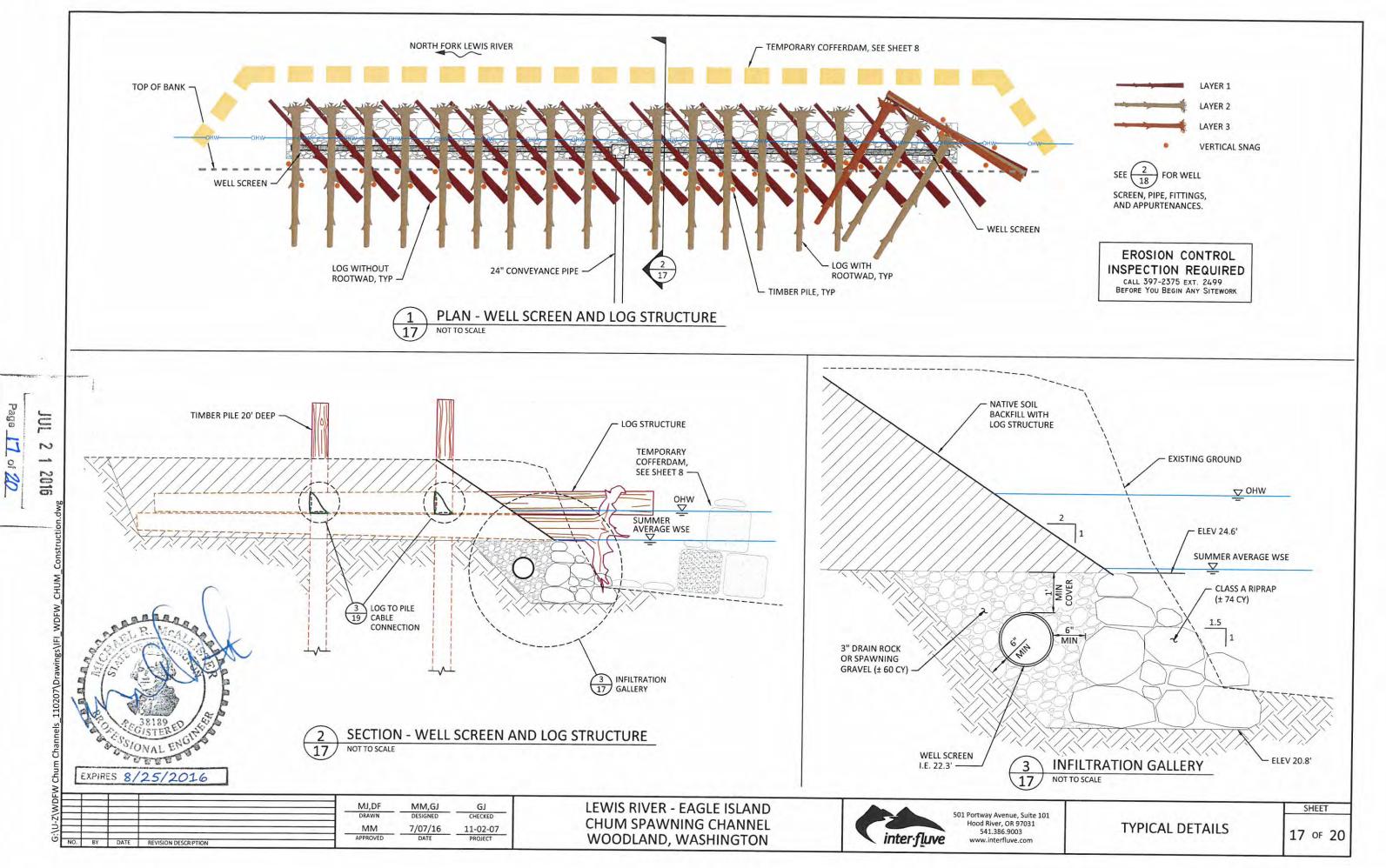






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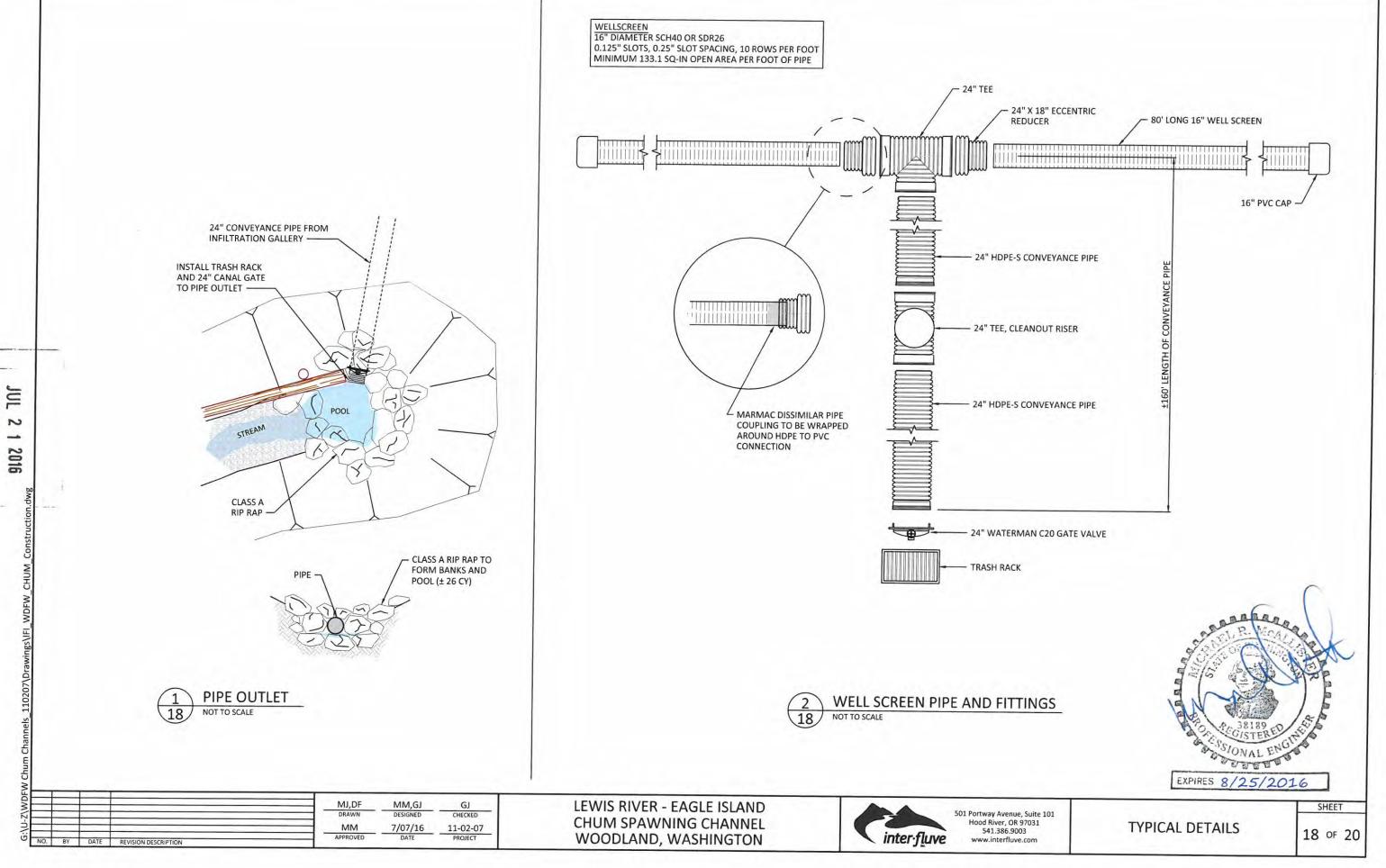


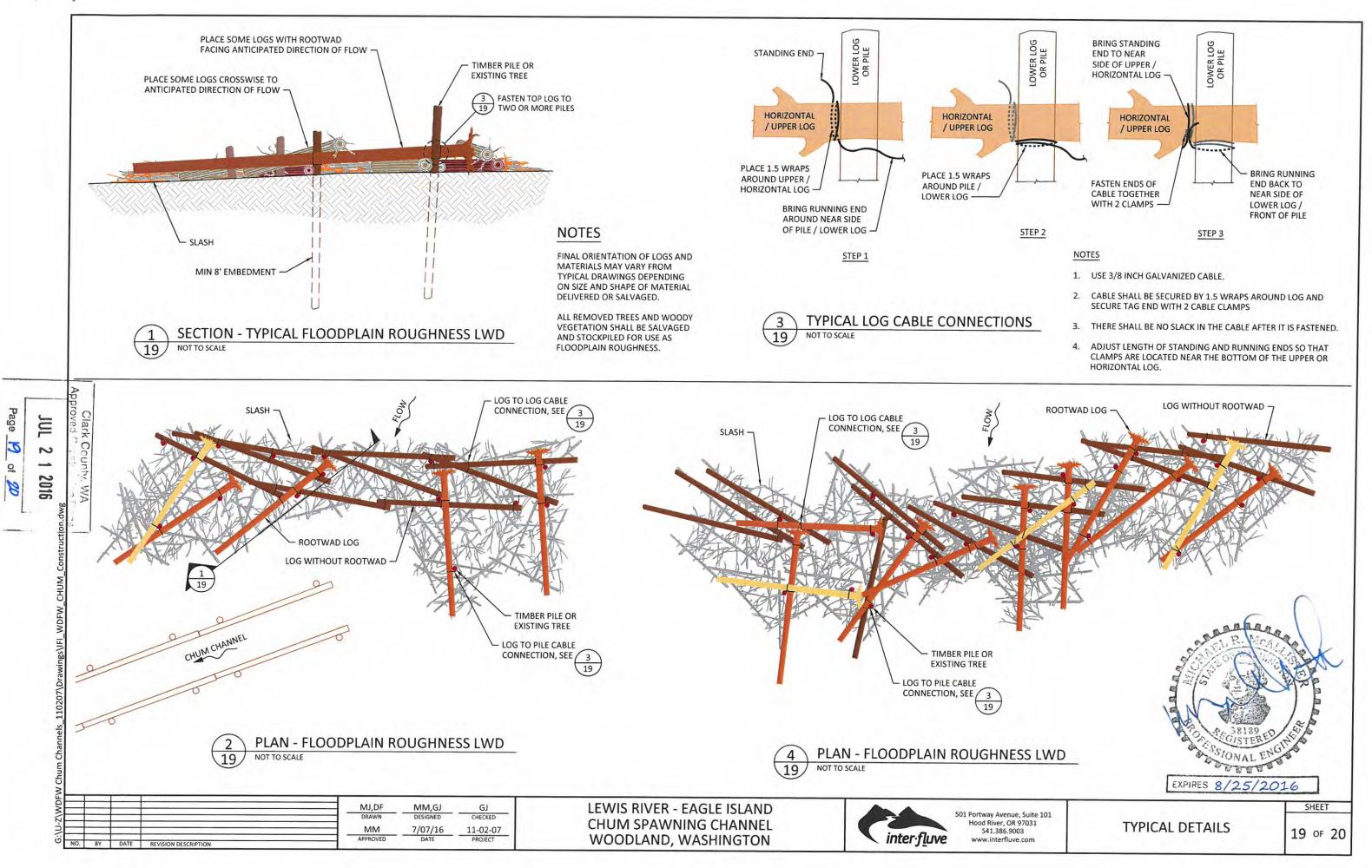


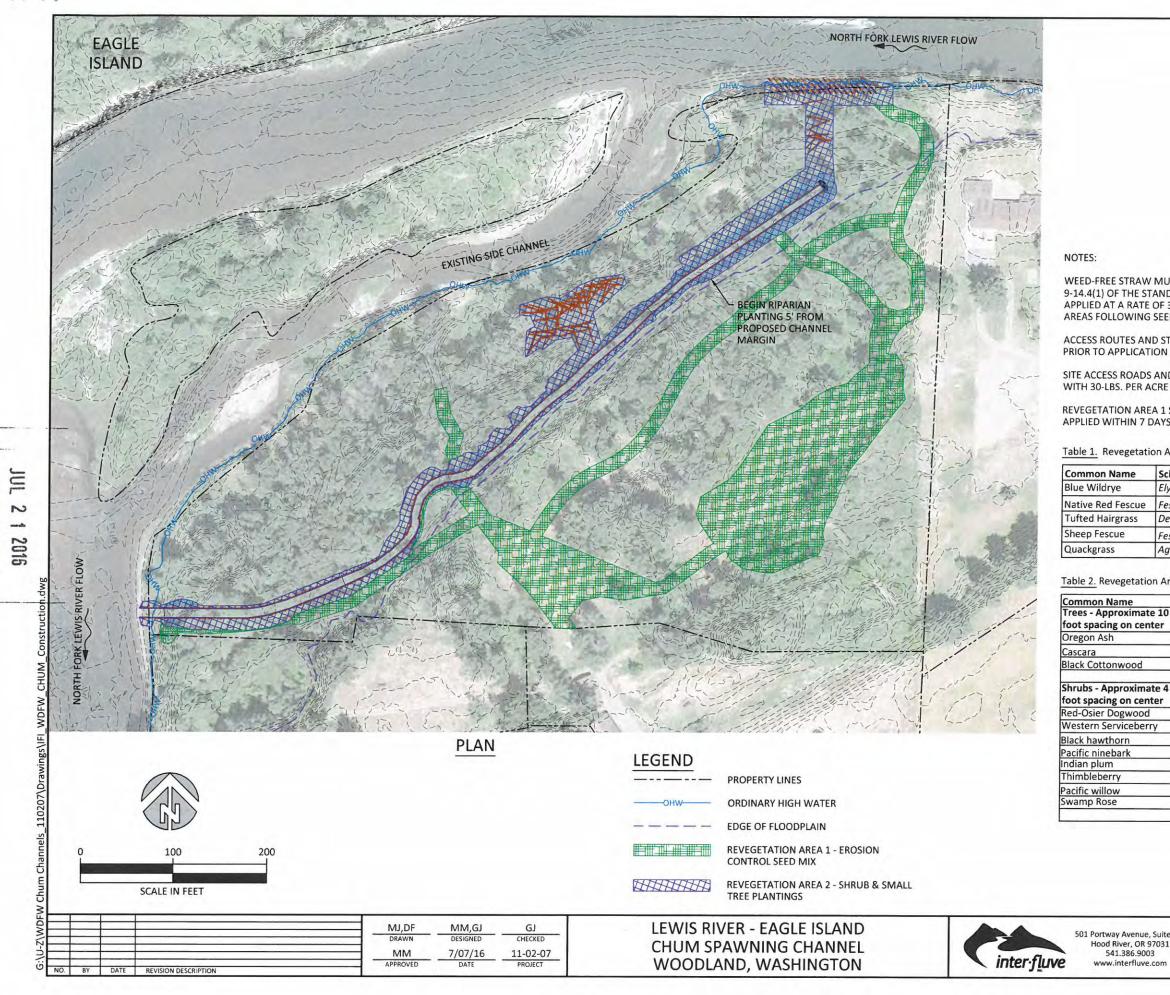
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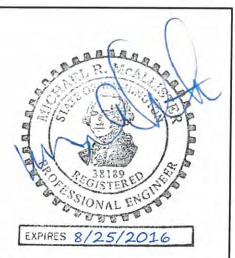
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WEED-FREE STRAW MULCH MATERIAL SHALL BE PER SECTION 9-14.4(1) OF THE STANDARD SPECIFICATIONS AND SHALL BE APPLIED AT A RATE OF 3 TONS PER ACRE TO ALL DISTURBED AREAS FOLLOWING SEED APPLICATION.

ACCESS ROUTES AND STAGING AREAS SHALL BE DECOMPACTED PRIOR TO APPLICATION OF SEED AND MULCH.

SITE ACCESS ROADS AND OTHER DISTURBED AREAS TO BE SEEDED WITH 30-LBS. PER ACRE OF NATIVE EROSION CONTROL SEED MIX.

REVEGETATION AREA 1 SHALL HAVE SEED AND STRAW MULCH APPLIED WITHIN 7 DAYS AFTER PROJECT COMPLETION.

Table 1. Revegetation Area #1 - Erosion Control Seeding 2.85 acres

ientific Name	Percentage of Mix	
ymus glaucus	40%	
stuca rubra rubra	40%	
eschampsia caspitosa	10%	
stuca ovina	5%	
propyron repens	5%	

Table 2. Revegetation Area #2 - Riparian Plantings 1.46 acres

	Scientific Name	Plant Form	Min. Size	Qty
0				
-	Franxinus latifolia	Bare root	24"	210
	Rhamnus pushiana	Bare root	24"	210
	Populaus balsamifer ssp. Trichocarpa	Bare root	24"	210
4				1
	Cornus Sericea	Bare root	36"	400
	Amelanchier alnifolia	Bare root	36"	400
	Crateagus douglasii var. suksdorfii	Bare root	36"	400
	Physocarpus capitatus	Bare root	36"	400
	Oemleria cerasiformis	Bare root	36"	400
	Rubus parviflorus var. parviflorus	Bare root	36"	400
	Salix lucida	Bare root	36"	400
	Rosa pisocarpa	Bare root	36"	400

	SHEET
REVEGETATION PLAN	20 OF 20
	REVEGETATION PLAN