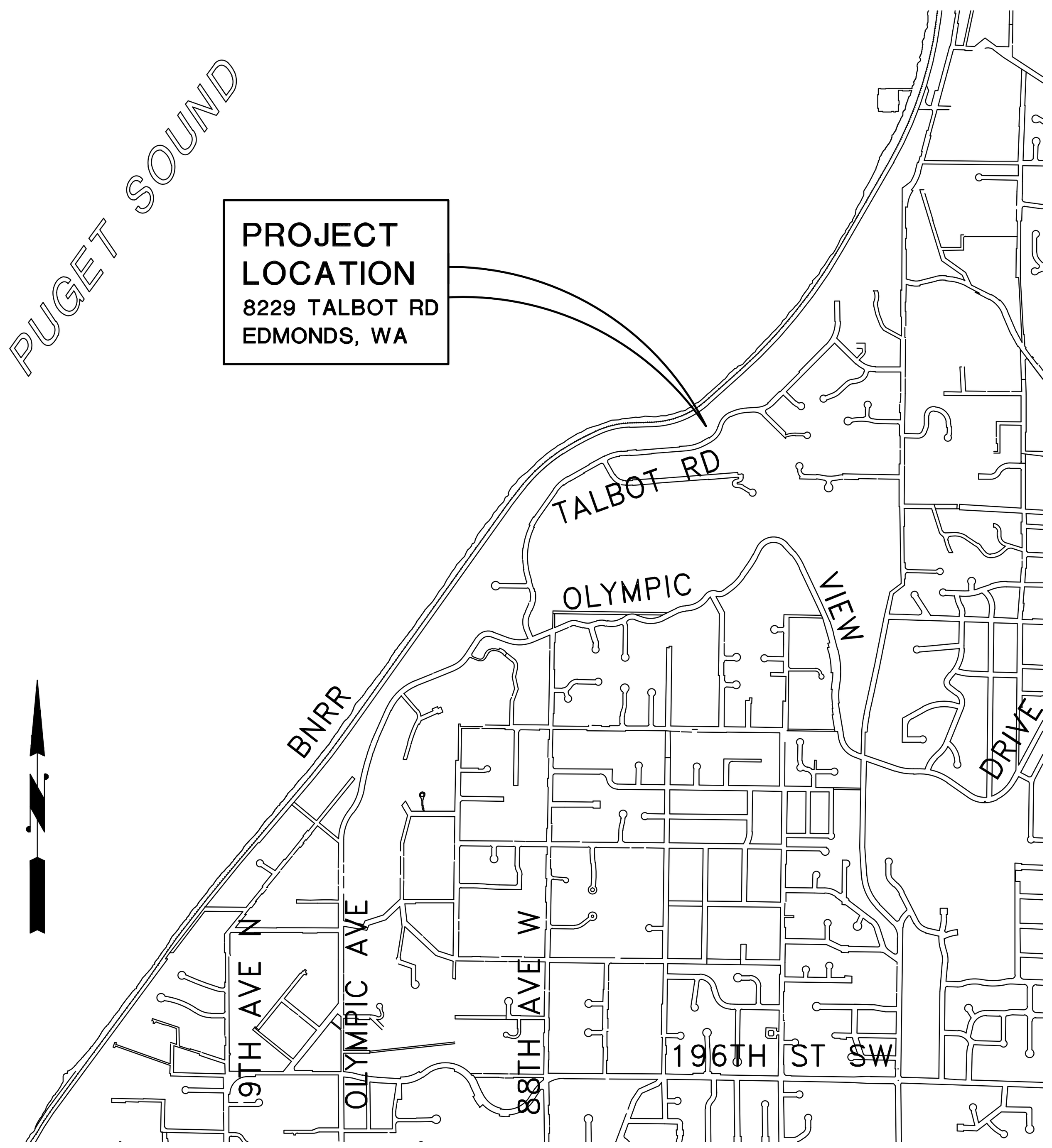
Exhibit B38



VICINITY MAP

NOT TO SCALE

CONSTRUCTION AND SEQUENCING NOTES

1. ALL WORK SHALL CONFORM TO WASHINGTON DEPARTMENT OF FISH AND WILDLIFE HYDRAULIC PROJECT APPROVAL CONTROL NUMBER 120875–1.
2. POTHOLE EXISTING WATER SERVICE FOR 8229 TALBOT RD. TO VERIFY DEPTH IS MINIMUM ONE FOOT BELOW MAINTAINED STREAMBED AND ALIGNMENT WILL NOT CONFLICT WITH POST INSTALLATION.
3. PERMANENTLY INSTALL (2) CEDAR POSTS FOR BYPASS DAM AND 18" DIA. SD FOR DIVERSION. CORE DRILL PENETRATION AT CONNECTION TO EXISTING DIVERSION STRUCTURE AT 24" DIA. GROUT PIPE PENETRATION USING NON–SHRINK GROUT.
4. RELOCATE FISH FROM EXCAVATION AREA TO DOWNSTREAM OF DIVERSION STRUCTURE.
5. TEMPORARILY DIVERT ENTIRE STREAM FLOW THROUGH 18" DIA. SD BY INSTALLING SANDBAG BYPASS DAM AT CEDAR POSTS.
6. REMOVE GRAVEL SEDIMENT FROM STREAMBED MAINTENANCE AREA AND ADJACENT TO STREAM WEIR PLATE.
7. INSTALL GABIONS WITH NATIVE COBBLES (4" AND LARGER) AND CEDAR POST MAINTENANCE MARKER. ADDITIONAL IMPORT BALLAST, IF REQUIRED, SHALL BE 4"–6" FRACTURED ROCK AS REQUIRED TO FILL GABIONS.
8. INSTALL INTERIM STREAM WEIR PLATE.
9. REMOVE BYPASS DAM.
10. CAP/PLUG 18" DIA. SD INLET. SECURE CAP/PLUG TO ELBOW WITH (2) STAINLESS STEEL HEX HEAD SCREWS.

MATERIALS

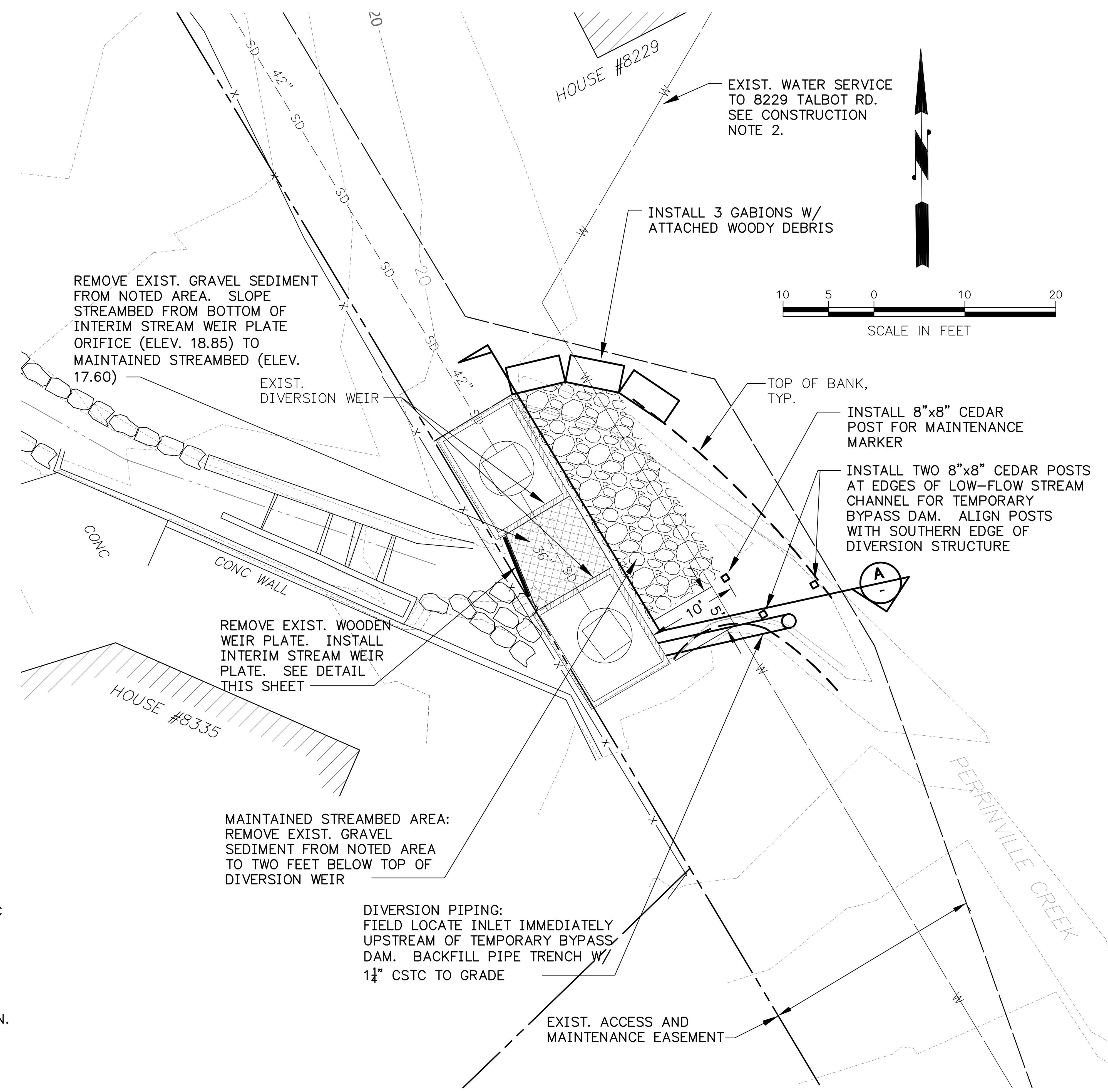
1. 8"x8"x8' CEDAR POSTS. EMBED POSTS 3 FEET BELOW MAINTAINED STREAMBED.
2. 18" DIA. STORM DRAIN (SD) PIPE AND FITTINGS SHALL BE WATERTIGHT ADS N–12 CORRUGATED HDPE, OR APPROVED EQUAL.
3. GABIONS SHALL BE 6'x3'x3' AND CONSTRUCTED OF 3"x3" PVC COATED 9 GAGE WELDED WIRE MESH WITH (4) INTERNAL 9 GA STIFFENERS PER EXPOSED FACE AND (2) PER BACK FACE. GABIONS SHALL BE "ARTWELD GABIONS" MANUFACTURED BY HILFIKER RETAINING WALLS OR APPROVED EQUAL. CONNECT GABIONS PER MANUFACTURER'S RECOMMENDATIONS.
4. FABRICATE INTERIM AND FINAL STREAM WEIR PLATES FROM ¾" MARINE GRADE HDPE. ATTACH INTERIM WEIR PLATE TO EXISTING STEEL PLATES USING SIX ½" DIA. STAINLESS STEEL FASTENERS. FURNISH FINAL WEIR PLATE TO CITY.

SURVEY INFORMATION

SURVEY PERFORMED BY DUANE HARTMAN & ASSOCIATES, INC IN DECEMBER 2009

VERTICAL DATUM: NAVD88

BENCHMARK: TOP OF EXISTING DIVERSION WEIR IS AT ELEVATION 19.60.

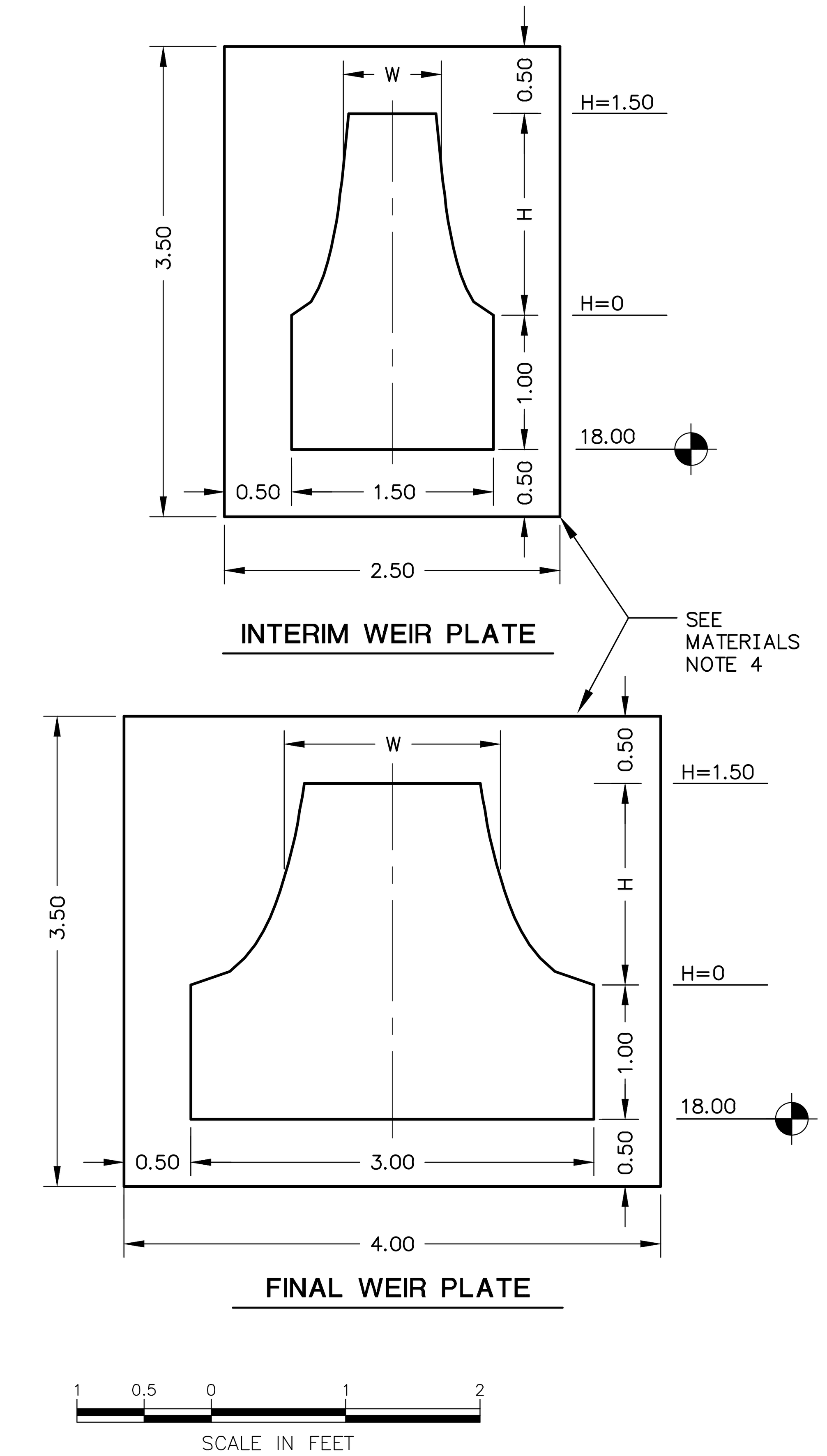


SITE PLAN

SCALE 1"=10'

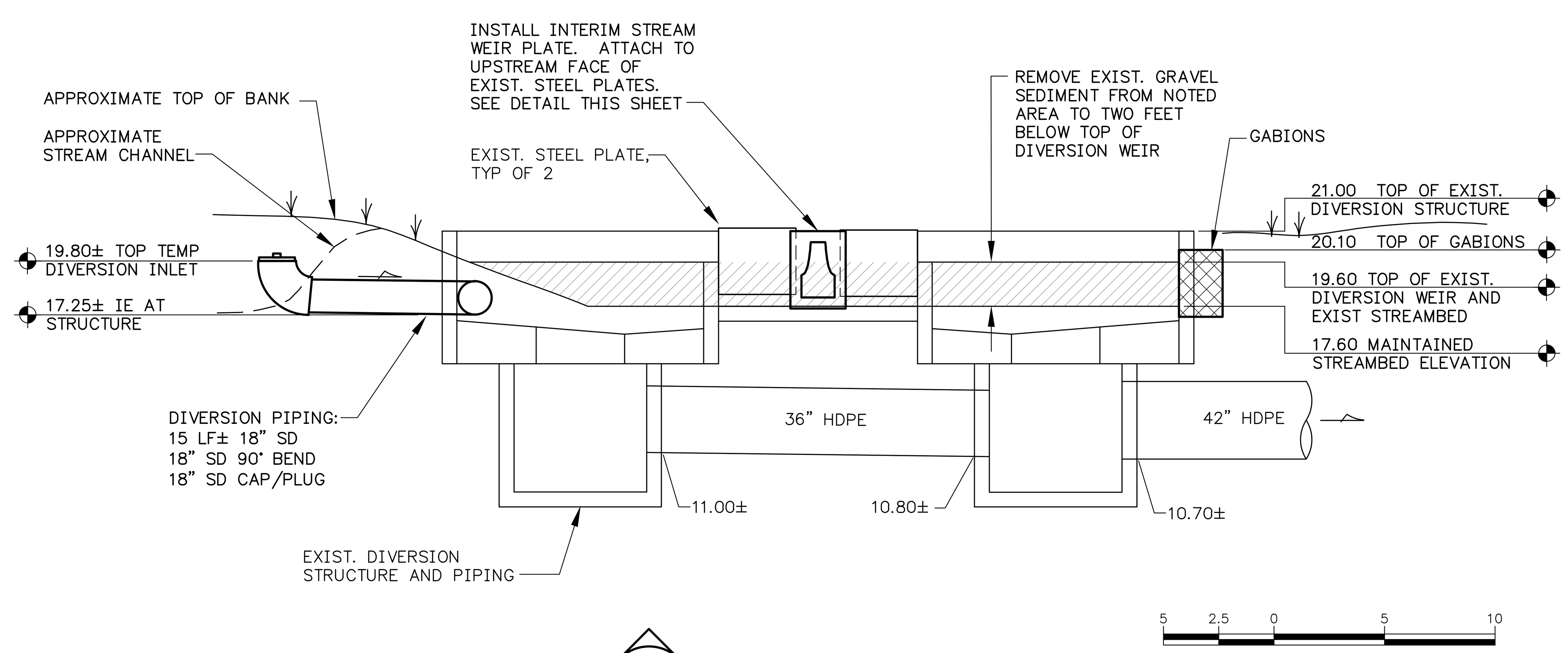
INTERIM WEIR PLATE OPENING	
H (FT)	W (FT)
1.5	0.65
1.4	0.67
1.3	0.69
1.2	0.71
1.1	0.73
1.0	0.75
0.9	0.78
0.8	0.80
0.7	0.83
0.6	0.87
0.5	0.91
0.4	0.96
0.3	1.02
0.2	1.10
0.1	1.21
0.0	1.50

FINAL WEIR PLATE OPENING	
H (FT)	W (FT)
1.5	1.31
1.4	1.34
1.3	1.38
1.2	1.41
1.1	1.45
1.0	1.50
0.9	1.55
0.8	1.61
0.7	1.67
0.6	1.74
0.5	1.82
0.4	1.92
0.3	2.04
0.2	2.20
0.1	2.42
0.0	3.00



DETAIL - INTERIM & FINAL STREAM WEIR PLATE

SCALE 1"=1'



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ELEVATION

SCALE 1"=5'

EVAN F. HENKE
STATE OF WASHINGTON
33197
REGISTERED PROFESSIONAL ENGINEER

PRELIMINARY
NOT FOR CONSTRUCTION
JULY 21, 2010

CALL 2 BUSINESS DAYS BEFORE YOU DIG
1-800-424-5555

NO.	DATE	BY	REVISION

	BY	DATE
DESIGN	EH	07/10
DRAWN	DJ	07/10
CHECKED	EZ	07/10
APPROVED	EH	07/10

APPROVED BY
CITY ENGINEER
DATE

CHS
CHS ENGINEERS LLC.
12507 BEL-RED ROAD
SUITE 101
BELLEVUE, WA. 98005-2500
TEL (425) 637-3693
FAX (425) 637-3694

CITY OF EDMONDS
TALBOT ROAD
PERRINVILLE CREEK
DRAINAGE IMPROVEMENTS
DIVERSION WEIR

Est 1890

H. SCALE 1"=10'
V. SCALE VARIES
SHEET 1 OF 1 SHEETS
JOB NO. 451002

451002 – PERRINVILLE WEIR.dwg 1:1 22x34 07/21/10