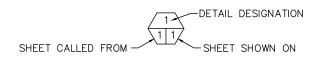


SHEET SYMBOLS



DETAIL CALLOUT

-SECTION DESIGNATION SHEET CALLED FROM -SHEET SHOWN ON

SECTION CALLOUT

PROFILE DESIGNATION SHEET CALLED FROM -SHEET SHOWN ON PROFILE CALLOUT

LINETYPES

WATER MAIN	
FENCE	xxxxxx
GAS LINE	GAS GAS GAS
STORM DRAIN	
SAN SEWER	
OVERHEAD POWER	0/F
OVERHEAD TELEPHONE	0/1
ORDINARY HIGH WATER	OHE OHE OHE OHE OHE
UNDERGROUND TELEPHONE	
UNDERGROUND POWER	UP
TRACKS	······
EXISTING THALWEG	

ABBREVIATIONS

INCHES MISCELLANEOUS FEET MPH MILES PER HOUR APPROX. -APPROXIMATELY ON CENTER B&B BALLED AND BURLAPPED OUTSIDE DIAMETER O.D. BOTH WAYS ORDINARY HIGH WATER OHW BENCH MARK PARKER-KALON CENTERLINE R.O.W. RIGHT OF WAY CALIPER REQ'D REQUIRED CFS CUBIC FEET PER SECOND SECTION CLR. CLEARANCE SEC. S.F. SQUARE FEET CMP CORRUGATED METAL PIPE CONC. SHT. SHEET CONCRETE SPEC'S. PROJECT SPECIFICATIONS DIA. DIAMETER ELEV. ELEVATION STA. STATION EQ. - EQUAL SS STAINLESS STEEL - FOOTING TEMP. FTG. TEMPORARY HDPE HIGH DENSITY TYP. - TYPICAL POLYETHYLENE W.S. WATER SURFACE WSDOT WASHINGTON STATE

HEIGHT DEPARTMENT OF GALLON - INSIDE DIAMETER TRANSPORTATION

INVERT ELEVATION WATER SURFACE ELEVATION LBS. - POUNDS

> MISCELLANEOUS **LEGEND**

ROUGHNESS PANEL CONCRETE

PROPOSED CONCRETE

EXISTING CONCRETE

UNDISTURBED GRADE

WETLAND DELINEATION

ELEVATION MARKER

ROCK/GRAVEL

EXISTING CALLOUT

- LARGE WOODY DEBRIS

- MEAN HIGHER HIGH WATER

MANUFACTURER'S

- MEAN HIGH WATER

MAXIMUM

MINIMUM

NEW CALLOUT

SURVEY POINT

ВМ

GAL.

LWD

MAX. MFG.

MHW

MIN. MISC.

MHHW

I.D.

O^{MAPLE} 36" EXISTING TREES TO REMAIN BM1

PROJECT BENCH MARK

SANDBAGS

2+00

NOTE CALLOUT

STATION CALLOUT

BORING LOCATIONS

PHOTO CALLOUT

TREE TO BE REMOVED

DEMO

FILL

TREE TO REMAIN

NOTES

References to Right and Left as viewed downstream



BENCH MARK COORDINATES				
POINT #	EASTING	NORTHING	ELEV	
BM1	2195621.8838	276029.9834	1044.59	
ВМ2	2202721.7714	278733.5432	1042.66	

Survey Notes:

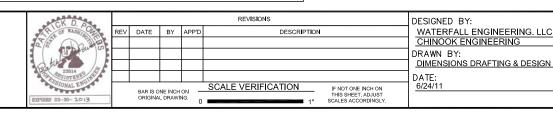
BEARINGS ARE BASED ON THE WASHINGTON COORDINATE SYSTEM SOUTH ZONE. THE CONVERGENCE ANGLE IS 01°35'21". THE COMBINED GROUND TO GRID SCALE FACTOR IS 0.99990831617. DISTANCES SHOWN ARE GROUND DISTANCES THE VERTICAL DATUM IS NAVD 88 ORTHOMETRIC HEIGHTS DETERMINED BY GPS OBSERVATIONS WHILE CONNECTED TO THE WASHINGTON STATE REFERENCE NETWORK SOUTHEAST WASHINGTON.

APPOXIMATE QUANTITIES:

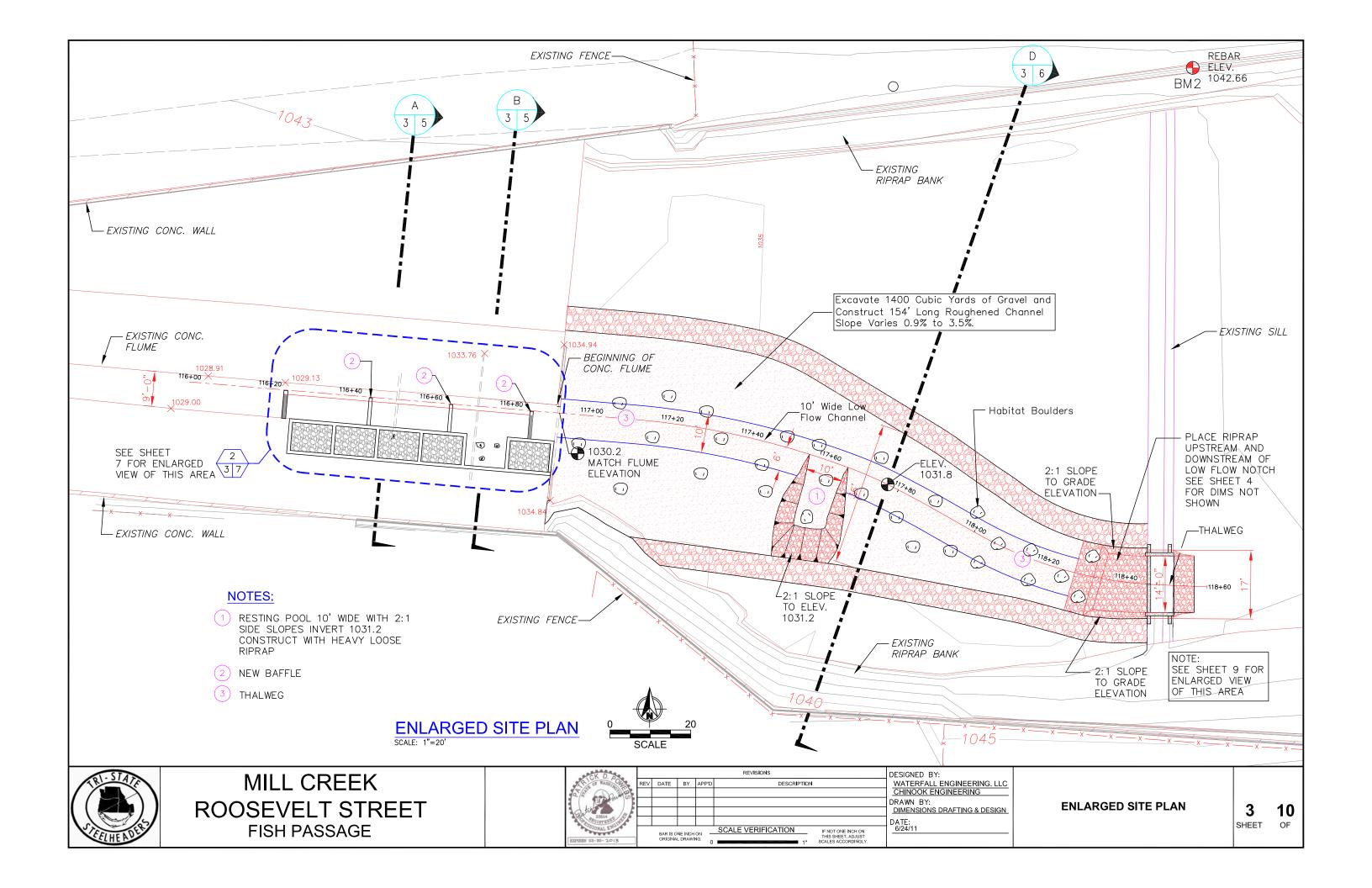
CHANNEL **EXCAVATION:** 1700 CY **HEAVY LOOSE RIPRAP:** 900 CY HABITAT BOULDERS 30 TOTAL **ROUGHNED CHANNEL MIX** 250 CY **GRAVEL BORROW** 53 CY

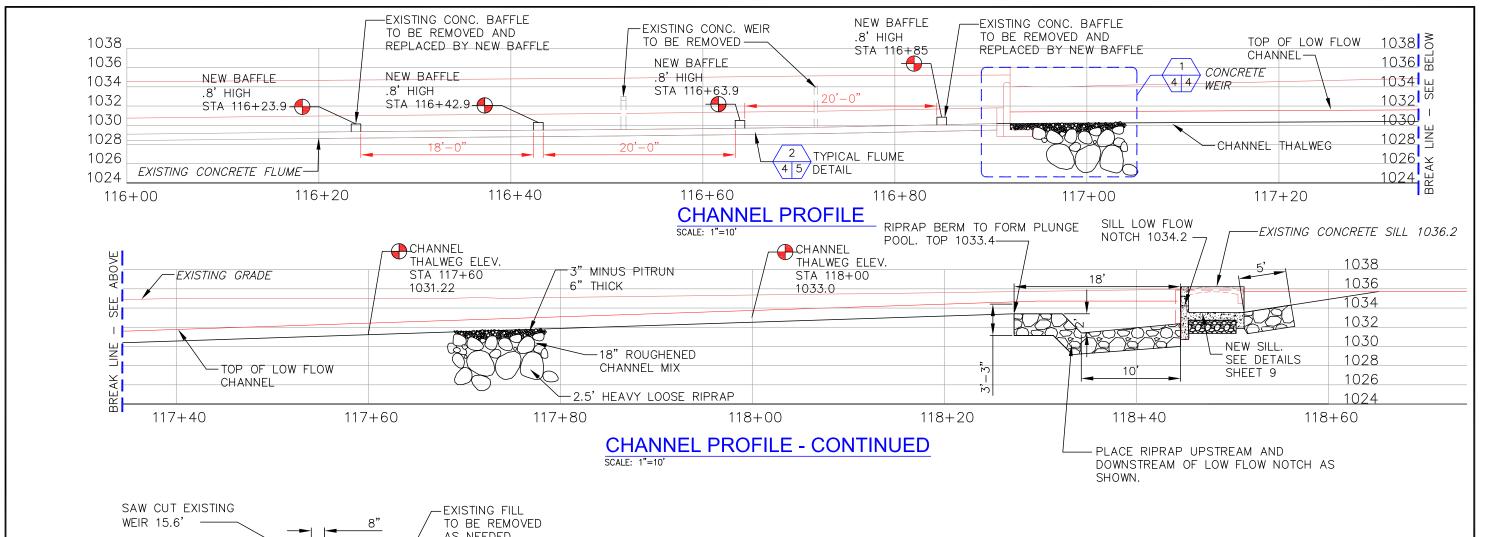
FLUME CONCRETE (CIP) CONCRETE (PRECAST)

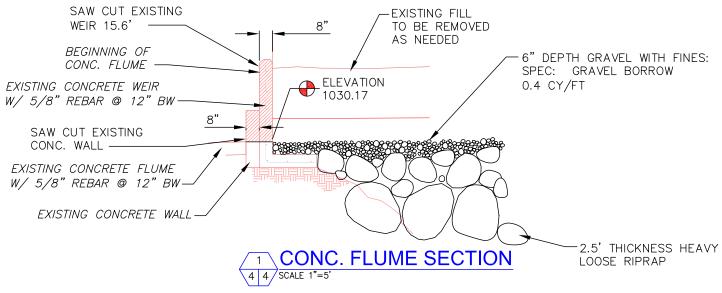
MILL CREEK **ROOSEVELT STREET** FISH PASSAGE



LEGEND AND NOTES



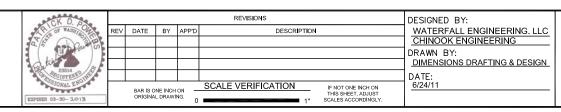




CHANNEL TABLE					
STA.	THALWEG ELEVATION	SLOPE	EXCAVATION TOP WIDTH		
117+00	1030.2		50'		
117+40	1030.6	0.85%	60'		
117+80	1032.0	3.50%	46'		
118+20	1033.2	3%	30'		



MILL CREEK **ROOSEVELT STREET** FISH PASSAGE



PROFILE AND SECTIONS

10 SHEET

OF

