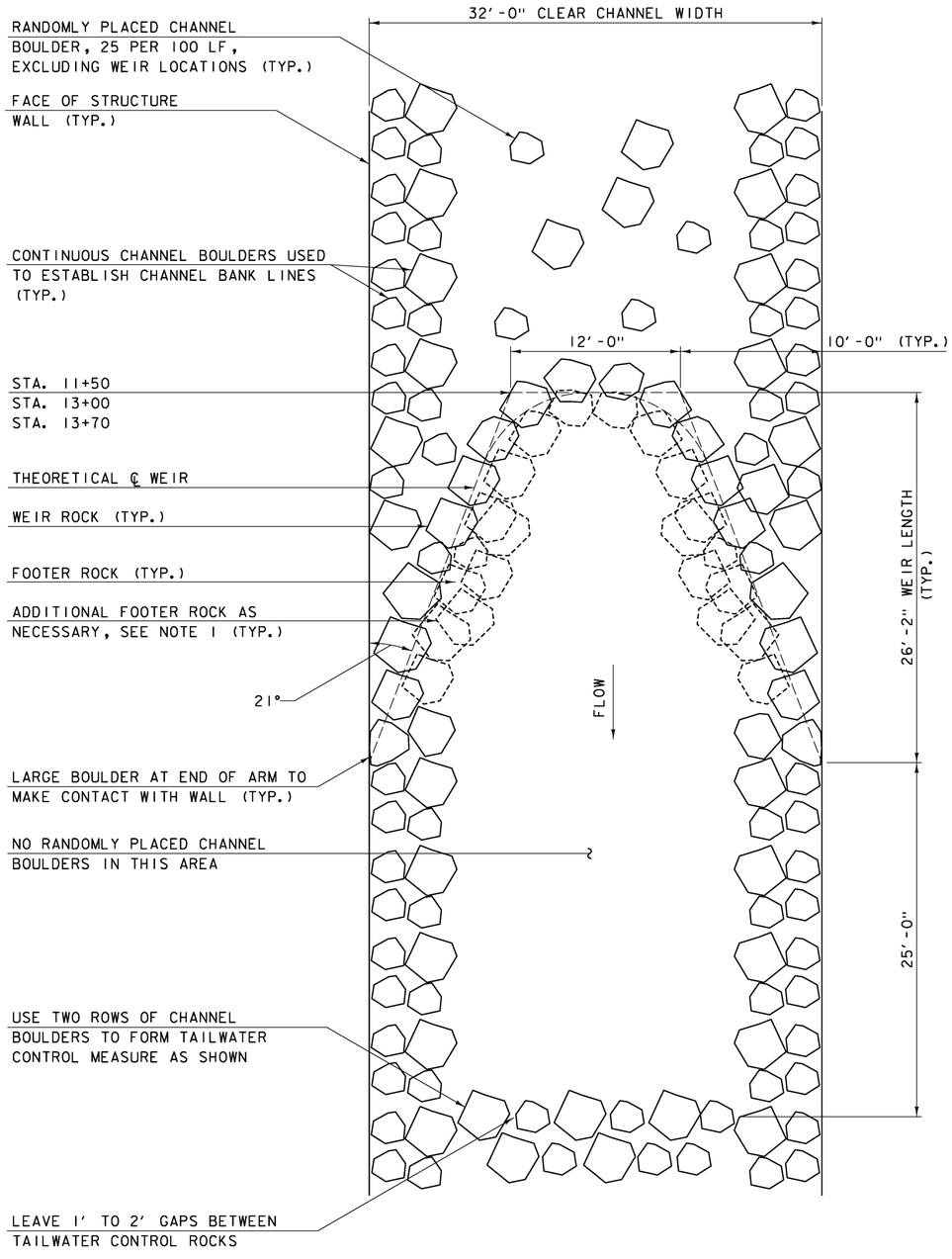
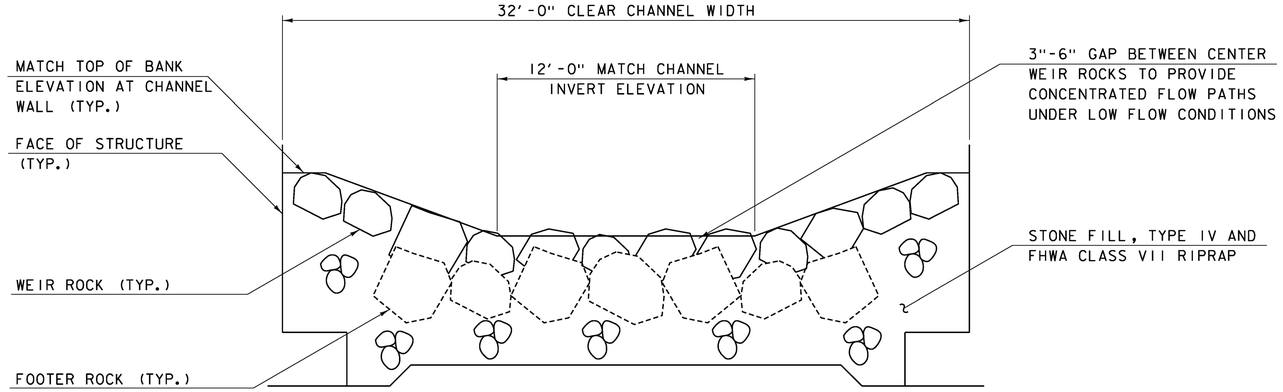


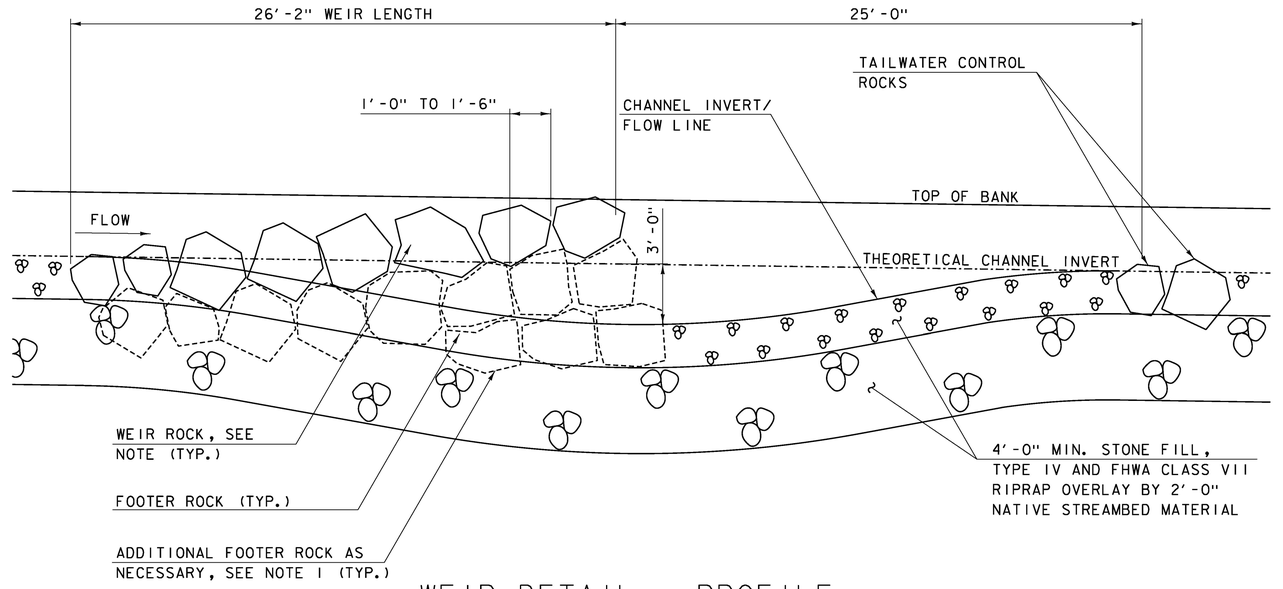
CHANNEL AND WEIR DETAIL - PLAN VIEW

NOT TO SCALE



WEIR DETAIL - SECTION

(FACING UPSTREAM)
NOT TO SCALE



WEIR DETAIL - PROFILE

NOT TO SCALE

NOTES:

1. PLACEMENT OF WEIR ROCKS AND FOOTER ROCKS SHALL MAXIMIZE THE SURFACE CONTACT BETWEEN THE WEIR ROCK AND FOOTER ROCK. THE CONTRACTOR SHALL SELECT FAVORABLE SHAPE AND SIZE FOR FOOTER STONES TO PROVIDE A STABLE BASE. WEIR ROCKS WILL BE PLACED TO HAVE 1'-0" TO 1'-6" OVERLAP OF THE FOOTER ROCKS, AS SHOWN. FOOTER ROCKS WILL BE PLACED ON THE 4'-0" MIN. STONE FILL, TYPE IV AND FHWA CLASS VII RIPRAP LAYER, OR ON TOP OF ANOTHER FOOTER ROCK IF NECESSARY.
2. SEE CHANNEL MATERIAL NOTES ON SHEET 3 FOR ADDITIONAL INFORMATION.

PROJECT NAME:	RYEGATE
PROJECT NUMBER:	STP CULV(10)
FILE NAME: z06cl56weir.dgn	PLOT DATE: 3/23/16
PROJECT LEADER: E. DETRICK	DRAWN BY: R. BARNES
DESIGNED BY: M. MURAWSKI	CHECKED BY: E. DETRICK
WEIR AND CHANNEL BOULDER DETAILS	SHEET 5 OF 36

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