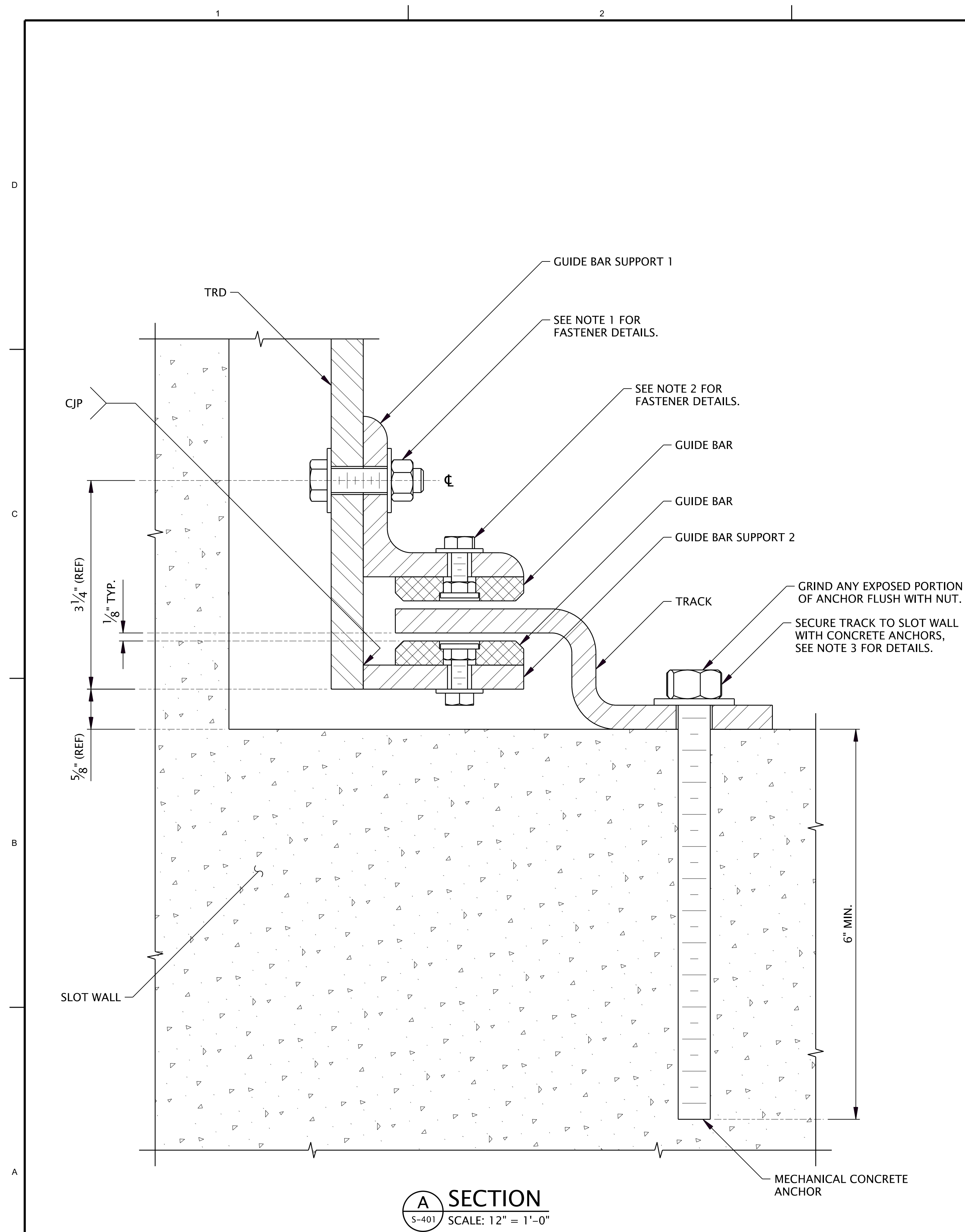
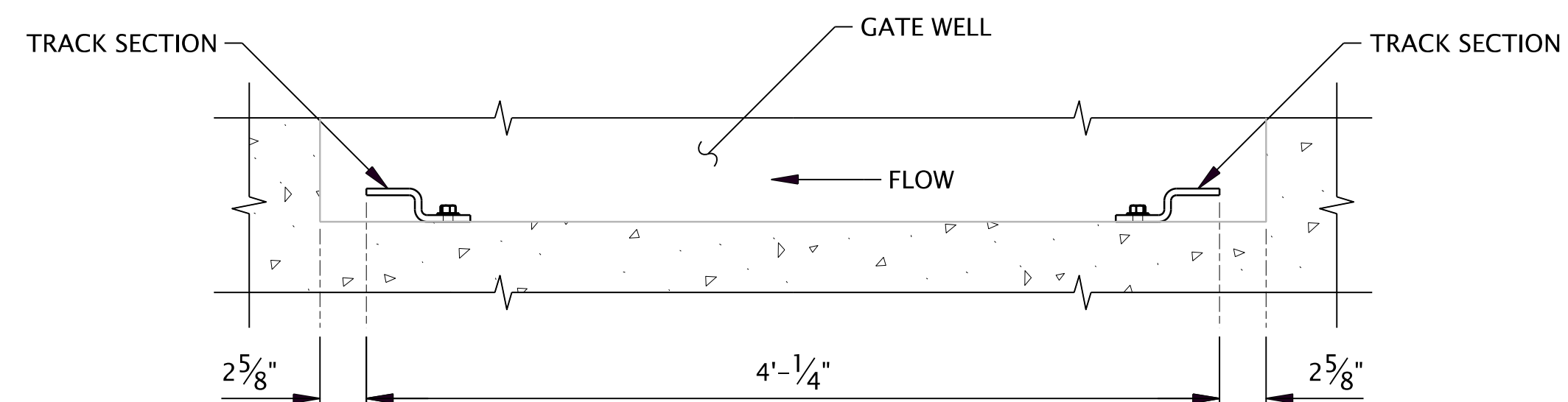




A SECTION
S-401 SCALE: 12" = 1'-0"

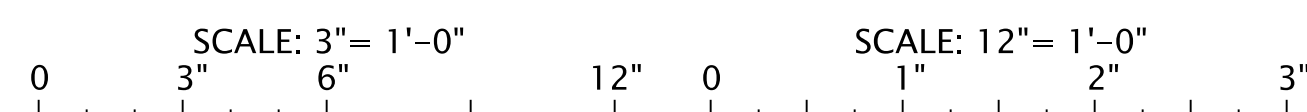


TRACK MOUNTING

SCALE: 3" = 1'-0"

- NOTES:

1. ATTACH GUIDE BAR SUPPORT TO TRD WITH: 3/8"-16 UNC HEX-HEAD BOLT, 3/8"-16 UNC HEX-NUT, AND TWO 3/8"Ø WASHERS. TYP. 3 PLACES PER GUIDE BAR SUPPORT 1
2. ATTACH GUIDE BAR TO SUPPORTS WITH: 1/4"-20 UNC HEX-HEAD BOLT, 1/4"Ø WASHER, AND 1/4"-20 UNC FLANGED HEX NUT (MCMMASTER 98233A100 OR SIMILAR). TYP. 3 PLACES PER GUIDE BAR.
3. ATTACH TRACK TO SLOT WALL USING MEDIUM DUTY MECHANICAL EXPANSION CONCRETE ANCHORS. ANCHORS SHALL BE MADE FROM T304 STAINLESS STEEL AND HAVE 1/2"-13 UNC THREADS. INSTALL PER MANUFACTURERS INSTRUCTIONS WITH A MINIMUM OF 6" OF EMBEDMENT. ANCHOR SHALL BE HILTI KWIK BOLT TZ OR APPROVED EQUAL. SECURE TRACK USING STAINLESS STEEL 1/2"-UNC HEX-NUTS AND 1/2"Ø WASHERS. TYP. 4 PLACES PER TRACK SECTION.
4. WELDING OF STEEL SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF AWS D1.1.
5. DIMENSIONAL TOLERANCES SHALL BE ±1/32" LINEAR AND 0.5° ANGULAR, UNLESS OTHERWISE SHOWN.
6. STAINLESS STEEL FASTENERS SHALL BE INSTALLED USING AN APPROVED ANTI-GALLING COMPOUND.
7. ALL EXPOSED JOINTS, WELDS, EDGES, ETC. THAT FISH MAY COME INTO CONTACT WITH SHALL BE GROUND FLUSH AND SMOOTH TO THE TOUCH.



**U.S. Army Corps
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PORTLAND DISTRICT

90 PERCENT REVIEW

U.S. ARMY CORPS OF ENGINEERS PORTLAND DISTRICT PORTLAND, OR	SCOTT W. HINNEN CHIEF OF BUREAU OF GREEDS BY GREEDS	SOLICITATION NO.:
		CONTRACT NO.:
	SUBMITTED BY:	DRAWING NUMBER:
		PLOT SCALE: 1"=1' PLOT DATE: 2/17/2012
	FILE NAME:	105A PL 1A004-M-50220X.dgn
	SIZE:	ANSI D

BONNEVILLE LOCK AND DAM SECOND POWERHOUSE TURBULENCE REDUCTION DEVICE

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SHEET
IDENTIFICATION
M-502
SHEET 0 OF 0

SHEET 0 OF 0