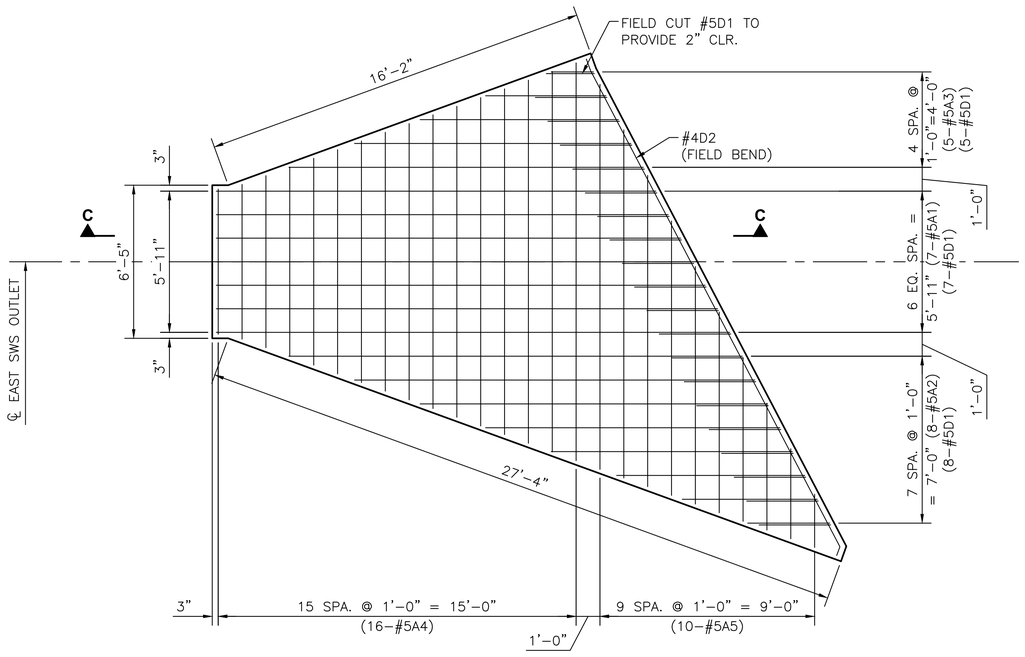
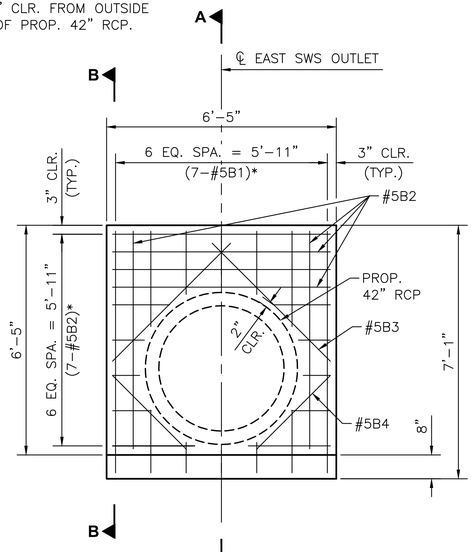
PLOTTED: Friday, August 01, 2025 @ 02:48PM



APRON PLAN

NOTE:
* FIELD CUT REINFORCING TO PROVIDE 2" CLR. FROM OUTSIDE DIAMETER OF PROP. 42" RCP.

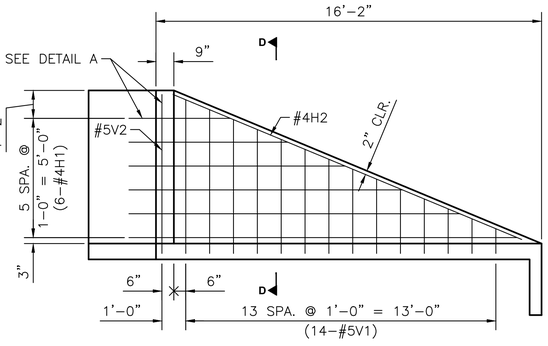


BACK WALL ELEVATION

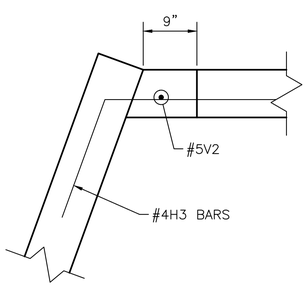
FOR INFORMATION ONLY

SUMMARY OF QUANTITIES (West Concrete Outfall)	
Concrete (Grade 4.0)	12.2 C.Y.
Reinforcing Steel (Gr. 60)	1,300 Lbs.
Foundation Stabilization*	6.2 C.Y.
Flap Gate, 42"	1 Ea.

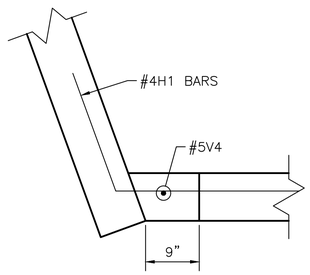
* Contractor to construct a 6-inch foundation stabilization under the outfall structure to a limit of 1 foot beyond the structure edges not protected by toe walls. The material shall consist of crushed rock conforming to ASTM C-33, Gradation No. 67, and shall meet the requirements for Portland Cement Concrete Pavement Course Aggregate, Section 406.2 of the City of Wichita Standard Specifications. Foundation stabilization shall be subsidiary to "Concrete (Grade 4.0)" and shall include all necessary excavation.



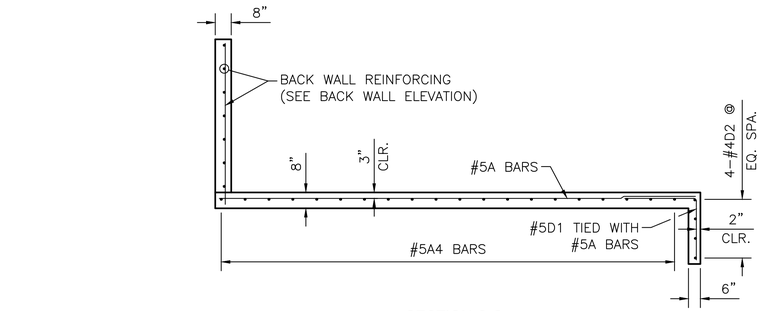
SHORT WINGWALL ELEVATION
(APRON AND TOE WALL REINFORCING NOT SHOWN FOR CLARITY)



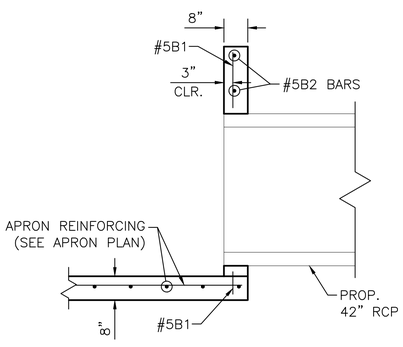
DETAIL A



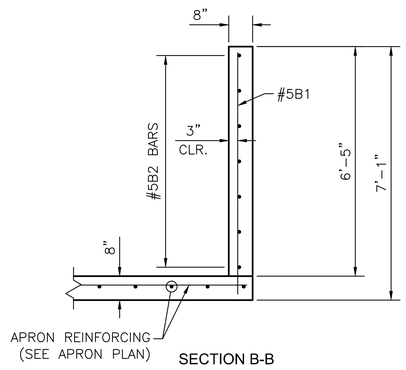
DETAIL B



SECTION C-C



SECTION A-A



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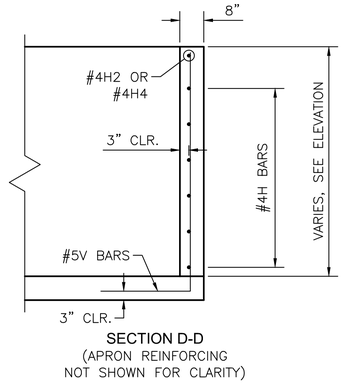
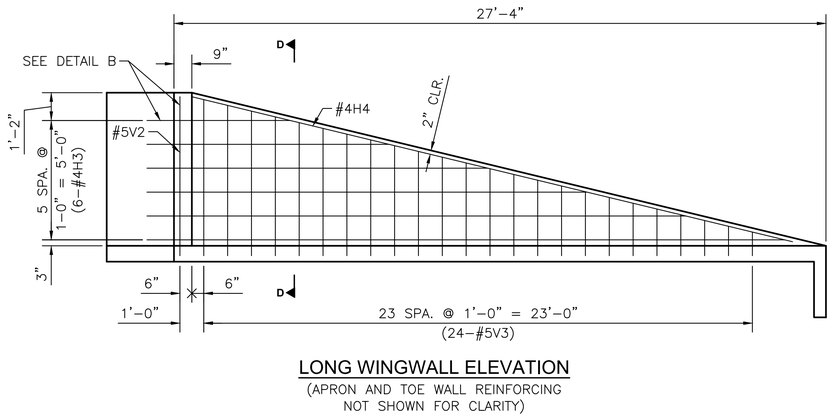


SECTION D-D
(APRON REINFORCING NOT SHOWN FOR CLARITY)



LONG WINGWALL ELEVATION
(APRON AND TOE WALL REINFORCING NOT SHOWN FOR CLARITY)

MKEC
Wichita, KS • 316.684.9600

IMPROVEMENT PLANS FOR

15TH STREET BRIDGE OVER THE WICHITA DRAINAGE CANAL

WICHITA, KS

WEST CONCRETE OUTFALL DETAILS

PROJECT NO. 472-2023-085864

SCALE NTS

DRAWN	DESIGNED	CHECKED
RAM	JRA	JRA

NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	8-1-2025

SHEET NO. 26 OF 114

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J:\PROJECTS\2023\2301010431_COW_VDOC BRIDGE REPLACEMENT AT 15TH STREET\00 230431 CAD\SHT\R06 CIVIL\SWS\230431_OUTFALL DETAILS.DWG