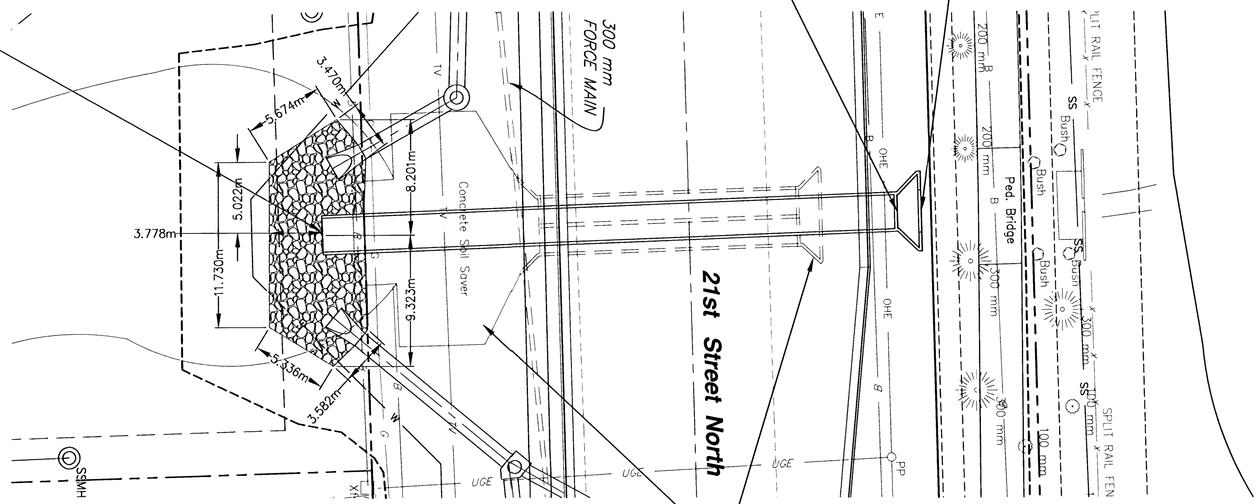
DATE	BY
REFERENCES NOTED	
REFERENCES CHECKED	

FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87 N-0189-01	2000	39	105

STA. 0+000, RCBC 1
BL STA. 10+406.605, 26.025 RT.
INSTALL 1-2 400 mm x 900 mm x 40.851 m PRECAST RCBC (N) WITH END SECTION
FL OUT (S)=410.310

STA. 0+040.851, RCBC 1
BL STA. 10+406.131, 14.826 LT.
END 2 400 mm x 900 mm PRECAST RCBC.
FL IN (N)=410.619
CONSTRUCT WEIR, SEE DETAIL THIS SHEET.

STA. 0+042.551, RCBC 1
BL STA. 10+406.111, 16.526 LT.
END WEIR
FL IN=411.469

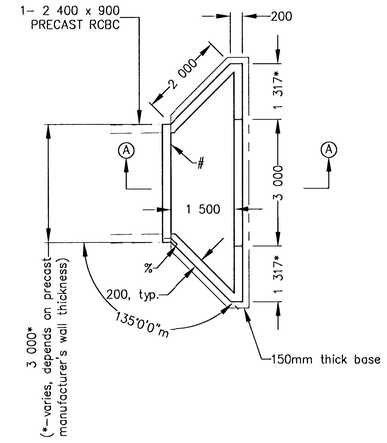


REMOVE EXISTING STRUCTURES

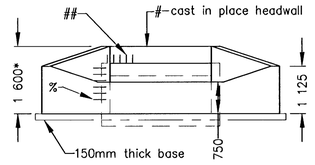
SRB

SCALE: 1:200 HORIZ.
1:20 VERT.

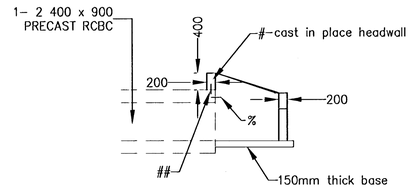
WEIR DETAIL



*-varies, depends on precasted top thickness



Precast manufacturer to supply:
##-13 bars at 150mm O.C. out the top
%-13 bars at 150mm O.C. from the ends of the rcbc along the two sides and the bottom.



A-A

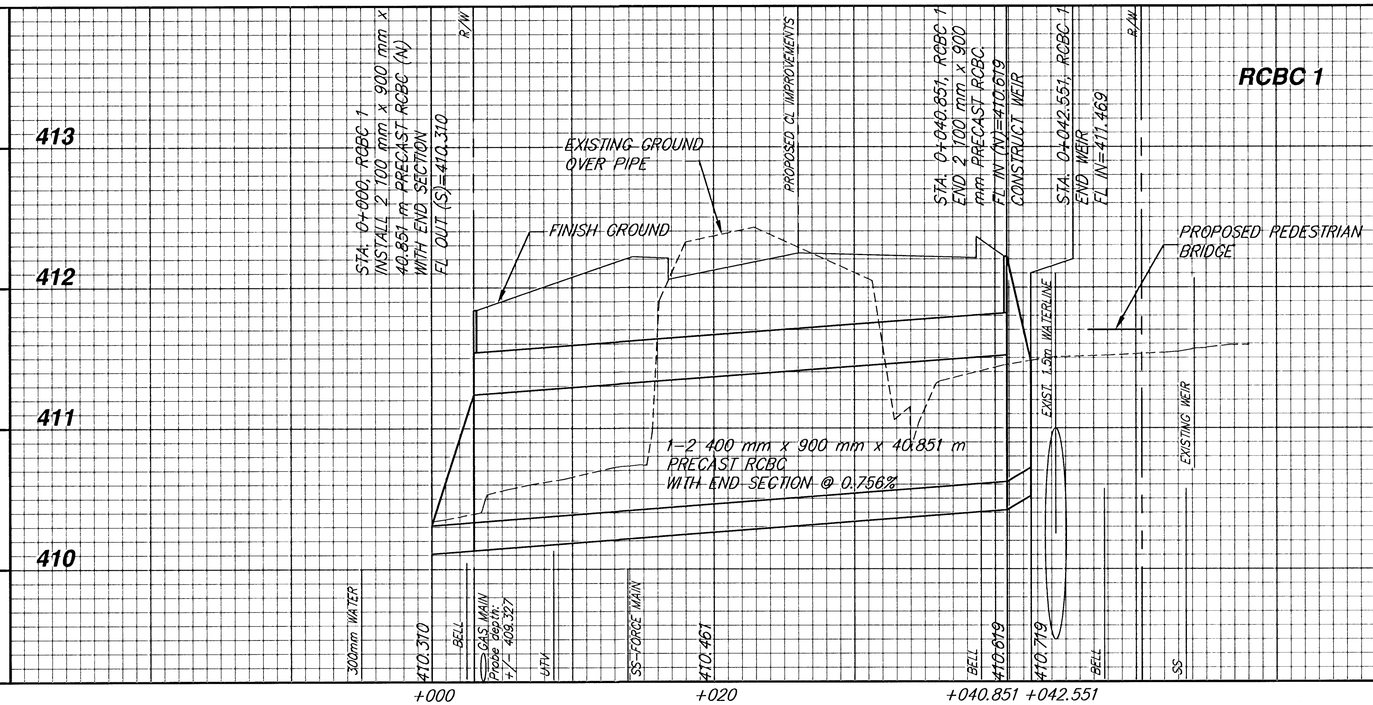
General Notes

All reinforcing in the weir construction shall be 13 bars at 150mm on-centers, each way, in the base, the walls and the headwall. Tie into the bars supplied by the precast manufacturer. Bars shall be located 50mm from outside face of walls (dirt side).

All dimensions given are 'mm', unless noted otherwise.

Backfill thoroughly around weir, especially on the side of the 1.5m waterline. Use caution when working around the waterline.

RCBC 1



21ST STREET NORTH
2 400 mm x 900 mm PRECAST RCBC PLAN & PROFILE

SRB 924 NORTH MAIN WICHITA, KANSAS 67203 316-264-8008 FAX 264-4821 www.srb1.com E-Mail: srb@srb1.com
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

PROJECT NUMBER 472-83138

DRAWN	DESIGN	REVIEW	DATE	UTILITY	SRB JOB
TEB	MWS		Jan. 8, 2001		1478T

REVISED

RCBC 1.DGN

39

105