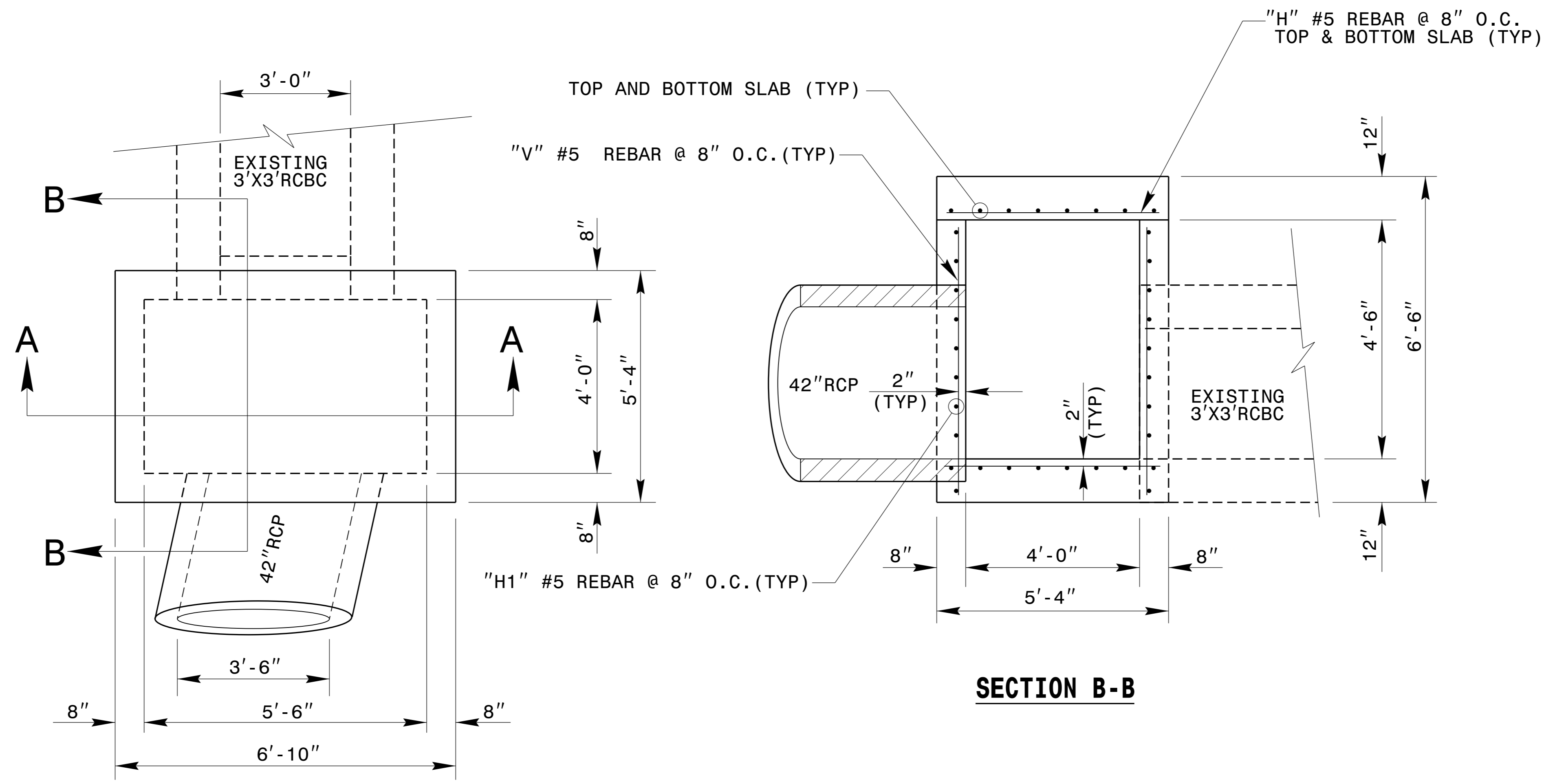


SECTION A-A



SECTION B-B

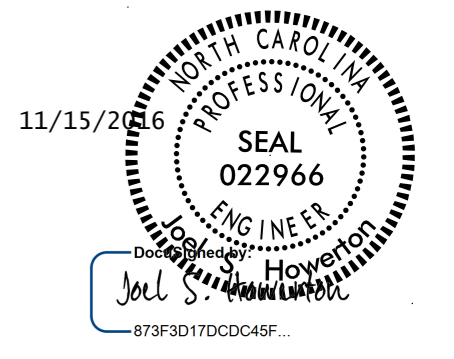


PLAN VIEW

GENERAL NOTES:
 USE CLASS "B" CONCRETE THROUGHOUT.
 PROVIDE ALL JUNCTION BOXES OVER 3'-6" IN DEPTH WITH STEPS 12" ON CENTER. USE STEPS WHICH COMPLY WITH STD. DRAWING 840.66.
 OPTIONAL CONSTRUCTION - MONOLITHIC POUR, 2" KEYWAY, OR #4 BAR DOWELS AT 12" CENTERS AS DIRECTED BY THE ENGINEER.
 USE FORMS FOR THE CONSTRUCTION OF THE BOTTOM SLAB.
 INSTALL MANHOLE IN POSITION AS DIRECTED BY THE ENGINEER. CUT AND BEND ALL REBAR CROSSING THIS OPENING TO ALLOW 2" MINIMUM CONCRETE COVERAGE.
 CHAMFER ALL EXPOSED CORNERS 1".
 2" MINIMUM CONCRETE COVERAGE ON ALL REBAR.
 IF REINFORCED CONCRETE PIPE IS SET IN BASE SLAB OR BOX, ADD TO BASE AS SHOWN IN STD. NO. 840.00.
 MAKE ALL ADJUSTMENTS AS DIRECTED BY THE ENGINEER
 FIELD VERIFY THE DIMENSIONS FOR THE EXISTING 3'X3' RCBC

BILL OF MATERIALS				
BAR	NO.	SIZE	LENGTH	WEIGHT
H	40	#5	4'-0"	167
H1	21	#5	6'-6"	143
V	22	#5	6'-2"	142
Z	6	#5	4'-0"	25
TOTAL REINF. STEEL (LBS.)				477
TOTAL CONC. (CU. YDS.)				5.8

* 0.54 CU. YD. DEDUCTION FOR 1-42" RC PIPE
 * 0.62 CU. YD. DEDUCTION FOR 3'x3' RCBC
 * NO DEDUCTION HAS BEEN MADE FOR PIPE OR CULVERT



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

CONTRACT STANDARDS & DEVELOPMENT UNIT
STANDARDS AND SPECIAL DESIGN
 Office 919-707-6950 FAX 919-250-4119

TRAFFIC BEARING JUNCTION BOX
FOR EXISTING 3'X3' RCBC
AND PROPOSED 42" RCP

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