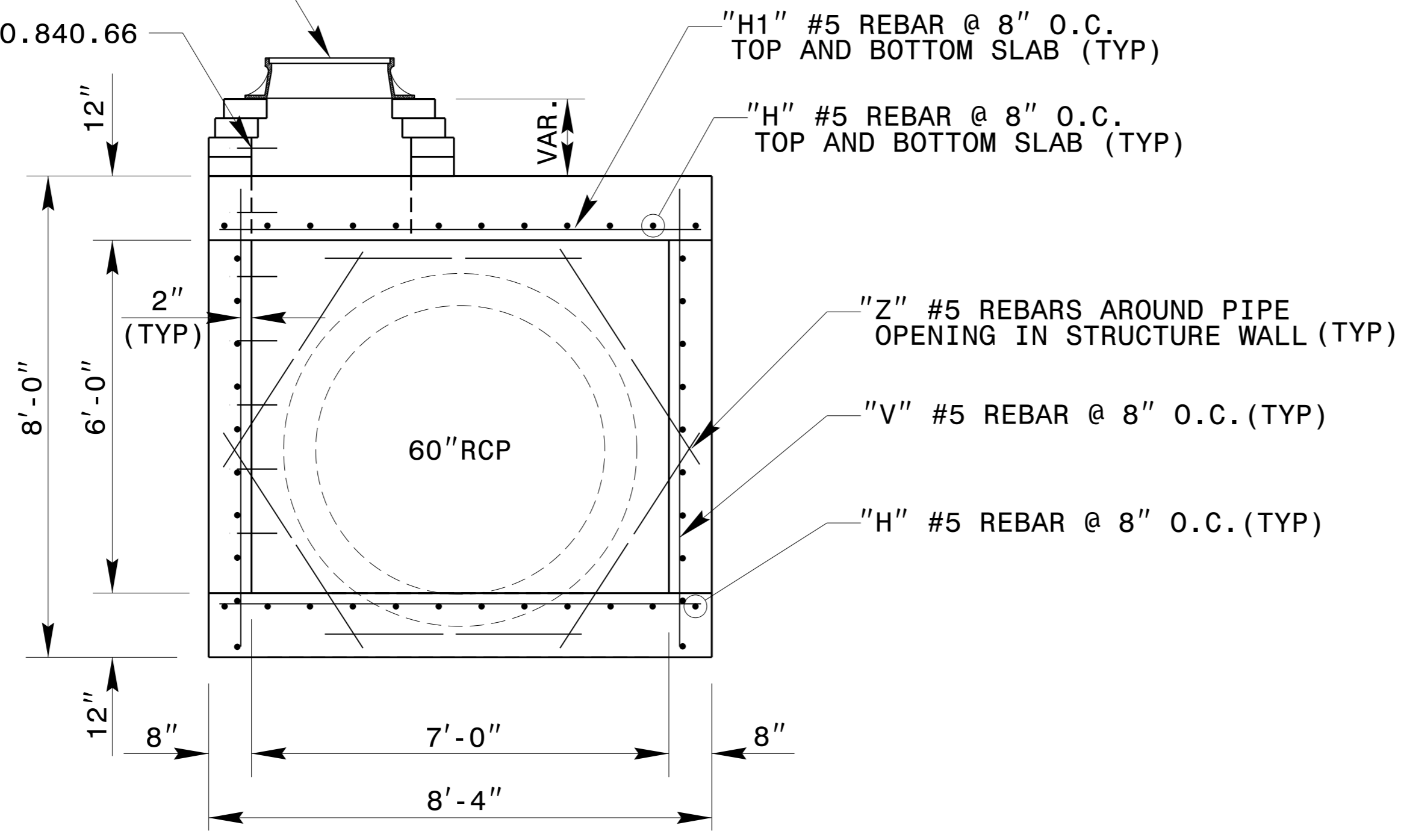


SEE STANDARD 840.54
FOR MANHOLE FRAME & COVER
SEE STEP STD.NO.840.66



SECTION A-A

GENERAL NOTES:
 USE CLASS "AA" 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.
 THIS DETAIL MAY BE USED TO CONSTRUCT A TRAFFIC BEARING DROP INLET OR TRAFFIC BEARING 2GI WITH PIPES OF A SIMILAR SIZE.
 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

BILL OF MATERIALS				
BAR	NO.	SIZE	LENGTH	WEIGHT
H	48	#5	5'-0"	251
H1	25	#5	8'-0"	209
V	24	#5	7'-6"	219
Z	12	#5	4'-0"	50
TOTAL REINF. STEEL (LBS.)				719
TOTAL CONC. (CU. YDS.)				8.8

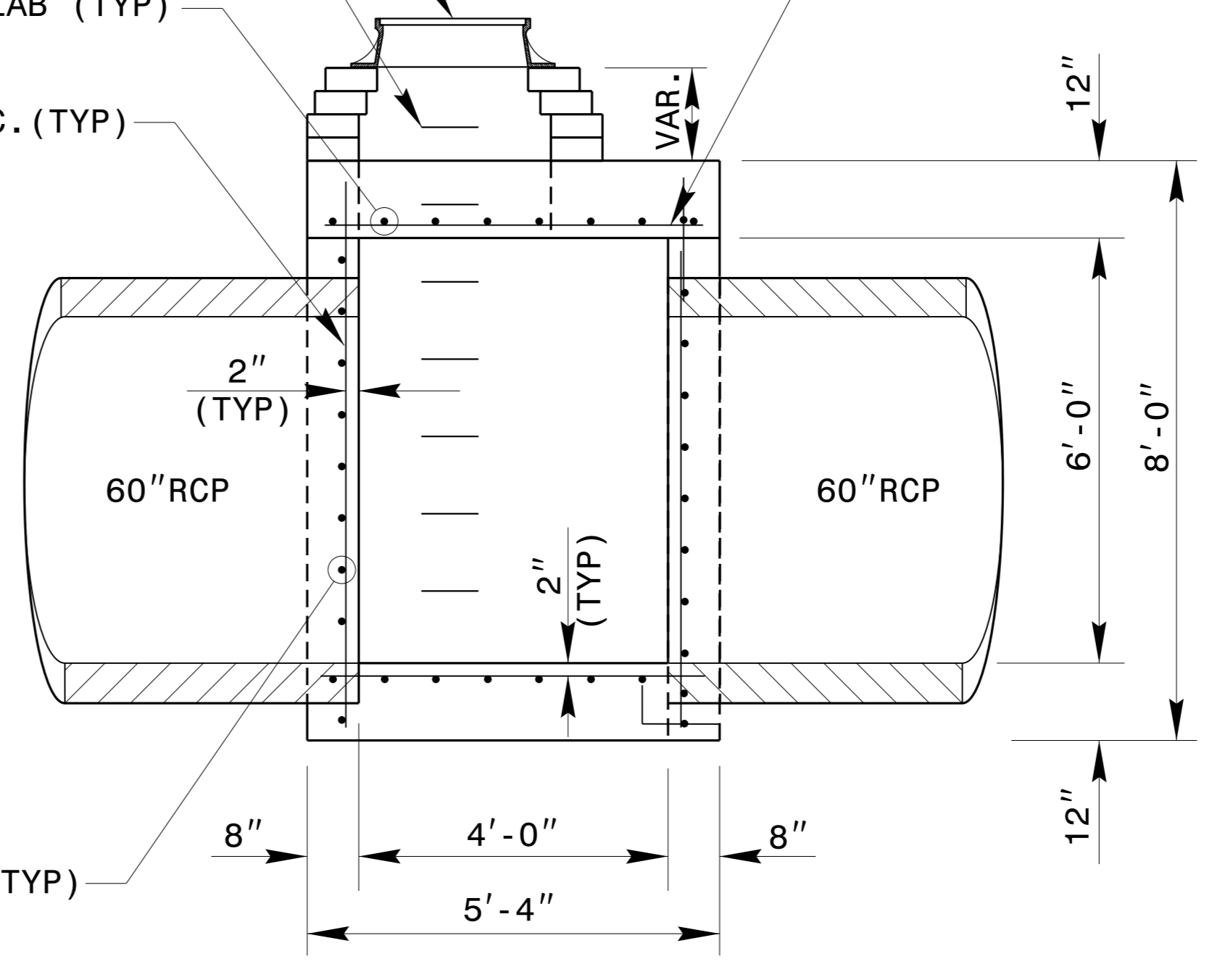
SEE STANDARD 840.54
FOR MANHOLE FRAME & COVER

SEE STEP STD.NO.840.66

TOP AND BOTTOM SLAB (TYP)

"V" #5 REBAR @ 8" O.C. (TYP)

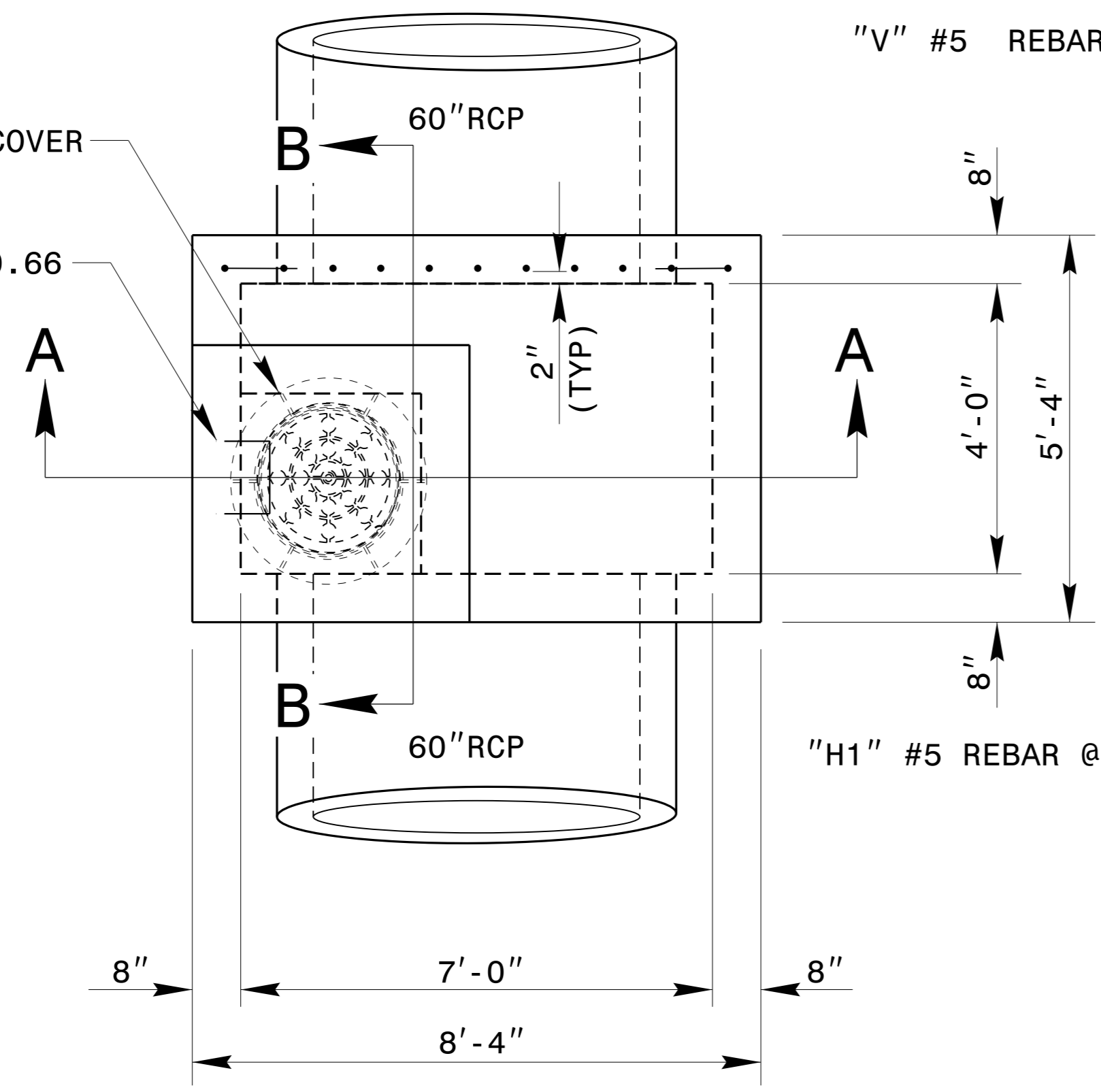
"H" #5 REBAR @ 8" O.C.
TOP & BOTTOM SLAB (TYP)



SECTION B-B

SEE STANDARD 840.54
FOR MANHOLE FRAME & COVER

SEE STEP STD.NO.840.66



PLAN VIEW

* NO DEDUCTION HAS BEEN MADE FOR PIPE OR CULVERT



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

**TRAFFIC BEARING JUNCTION BOX
FOR PROPOSED 60" RCP**

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