

- * NO DEDUCTION HAS BEEN MADE FOR PIPES
- * 0.30 CU. YD. PER FOOT OF RISER HEIGHT
- * 2.00 CU. YD. DEDUCTION FOR 2-72" RC PIPE
- * 0.40 CU. YD. DEDUCTION FOR 1-42" RC PIPE

GENERAL NOTES:

USE CLASS "B" CONCRETE THROUGHOUT.

12" CENTERS AS DIRECTED BY THE ENGINEER.

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

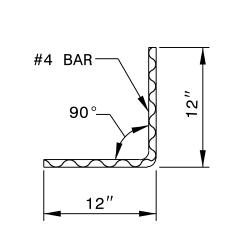
USE FORMS FOR THE CONSTRUCTION OF THE BOTTOM SLAB.

INSTALL MANHOLE IN POSITION AS DIRECTED BY THE ENGINEER. CUT AND BEND ALL REBAR CROSSING THIS OPENING TO ALLOW 2" MINIMUM CONCRETE COVERAGE.

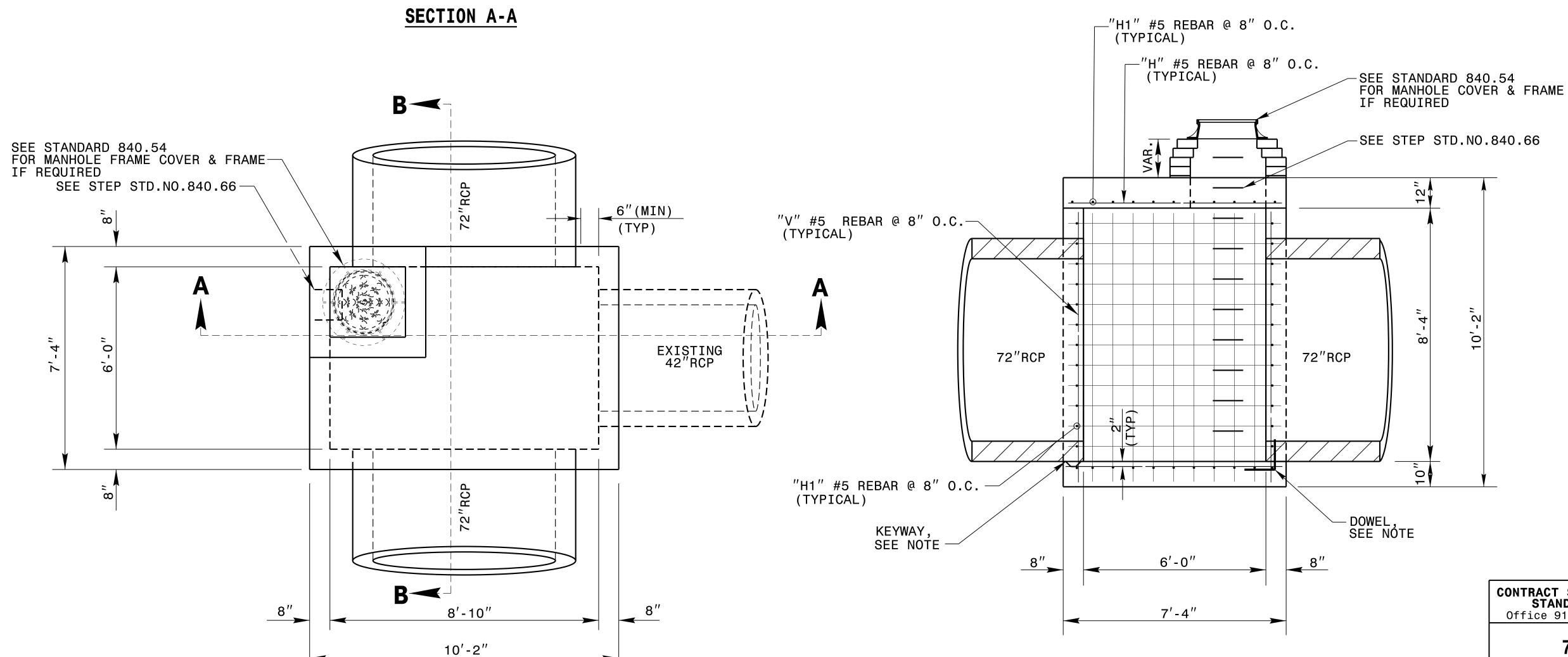
CHAMFER ALL EXPOSED CORNERS 1".

SECTION B-B

2" MINIMUM CONCRETE COVERAGE ON ALL REBAR.



DOWEL



_"H1" #5 REBAR @ 8" O.C.

(TYPICAL)

(TYPICAL)

(TYPICAL)

(TYPICAL)

- - - - - - - - - -

EXISTING 42"RCP

DOWEL,
8" SEE NOTE

_"H" #5 REBAR @ 8" O.C.

-"Z" #5 REBARS AROUND PIPE

-"V" #5 REBAR @ 8" O.C.

-"H" #5 REBAR @ 8" O.C.

OPENING IN STRUCTURE WALL

(TYPICAL)



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

CONTRACT STANDARDS & DEVELOPMENT UNIT STANDARDS AND SPECIAL DESIGN Office 919-707-6900 FAX 919-250-4119

72"JUNCTION BOX WITH SLAB LID

ORIGINAL BY:	D	OATE:
MODIFIED BY:	nbritt D	DATE:04/17/09
CHECKED BY:		DATE:
FILE SPEC : detail/nbritt/english/urban/72 jb.dgn		

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IF REQUIRED

10'-2"

10

KEYWAY, SEE NOTE

SEE STEP STD.NO.840.66-

FOR MANHOLE COVER & FRAME —

(TYP)

72"RCP

8'-10"

10'-2"

PLAN VIEW