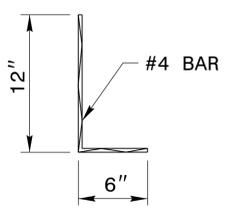
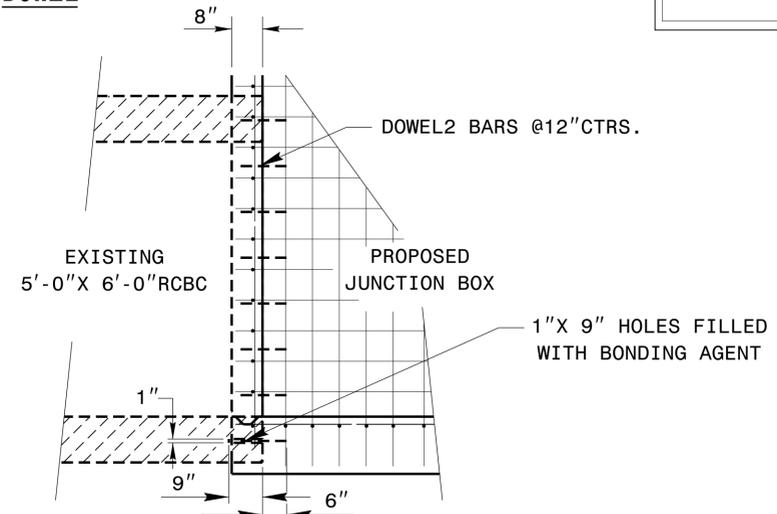


SEE STANDARD 840.54 FOR MANHOLE COVER & FRAME
SEE STEP STD.NO.840.66

PLAN VIEW



DOWEL



DOWEL2 BAR DETAIL

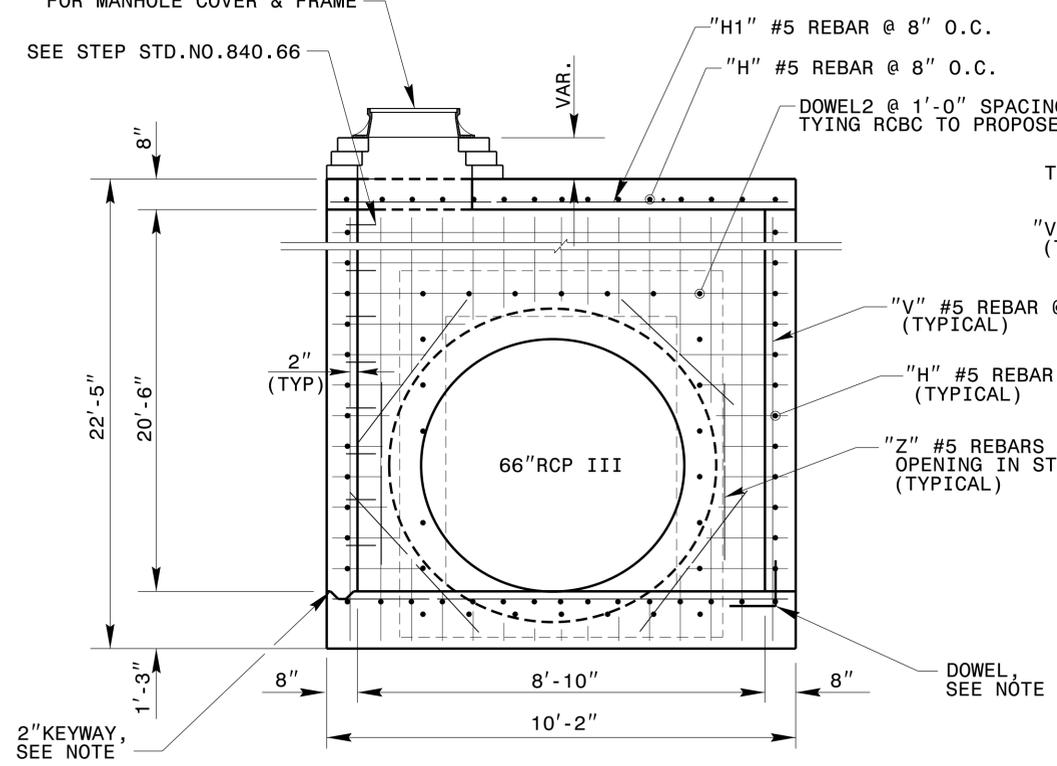
SEE NOTE

GENERAL NOTES:
 USE CLASS "A" 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.

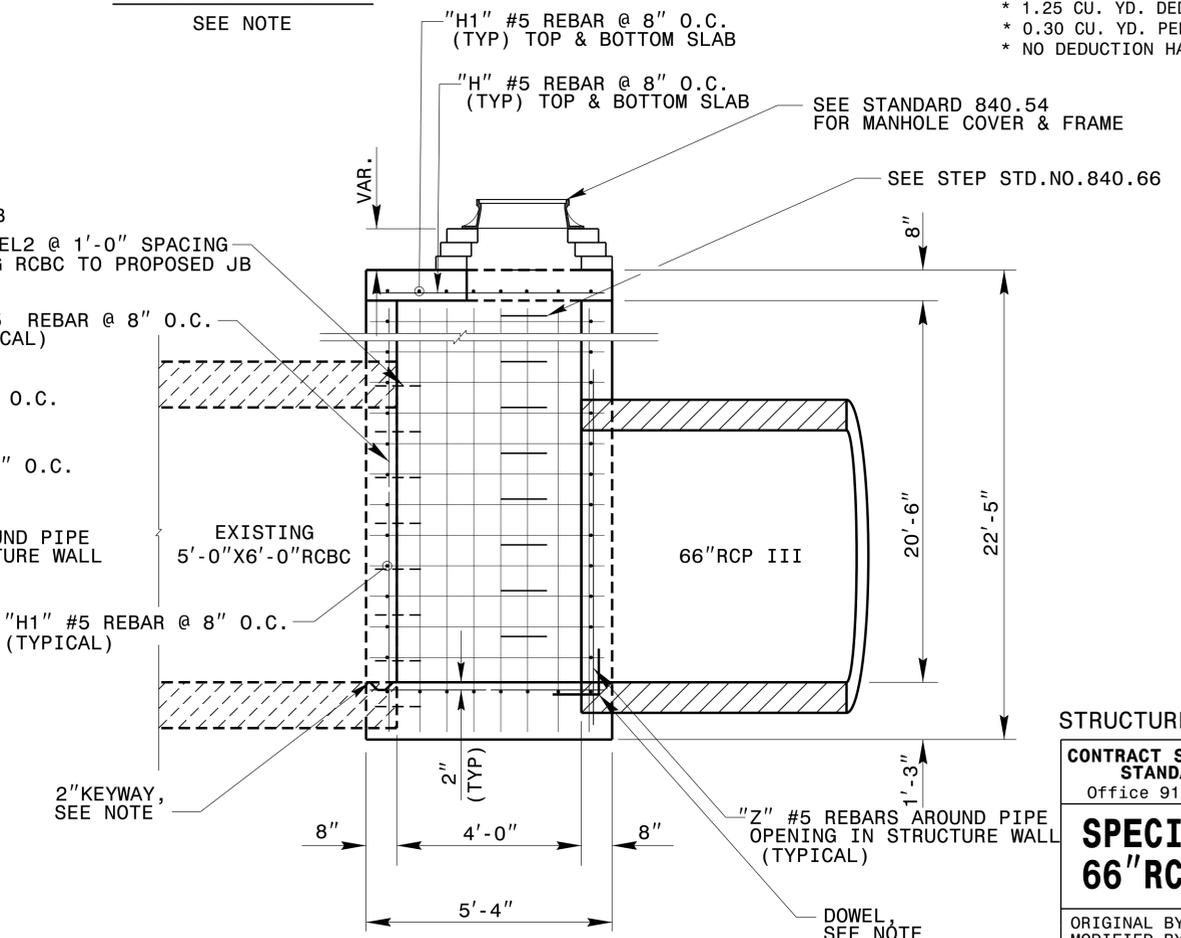
BILL OF MATERIALS				
BAR	NO.	SIZE	LENGTH	WEIGHT
H	126	#5	5'-0"	658
H1	60	#5	9'-10"	615
V	38	#5	22'-0"	872
Z	6	#5	4'-0"	25
DOWEL				OPTIONAL
DOWEL2	24	#6	1'-0"	36
TOTAL REINF. STEEL (LBS.)				2206
TOTAL CL."A" CONC. (CU.YDS.)				18.5

* 1.04 CU. YD. DEDUCTION FOR 1-66" RC PIPE III
 * 1.25 CU. YD. DEDUCTION FOR 5'X 6' RCBC
 * 0.30 CU. YD. PER FOOT OF RISER HEIGHT
 * NO DEDUCTION HAS BEEN MADE FOR PIPES

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



SECTION X-X



SECTION Y-Y



STRUCTURE NO.1326

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

SPECIAL JUNCTION BOX
66" RCP TO 5'X 6' RCBC

ORIGINAL BY: nbritt DATE: 04-22-2008
 MODIFIED BY: nbritt DATE: 08-03-2016
 CHECKED BY: DATE:
 FILE SPEC.: detail/nbritt/english/urban/u3440 rcbc 66rcp.dgn

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