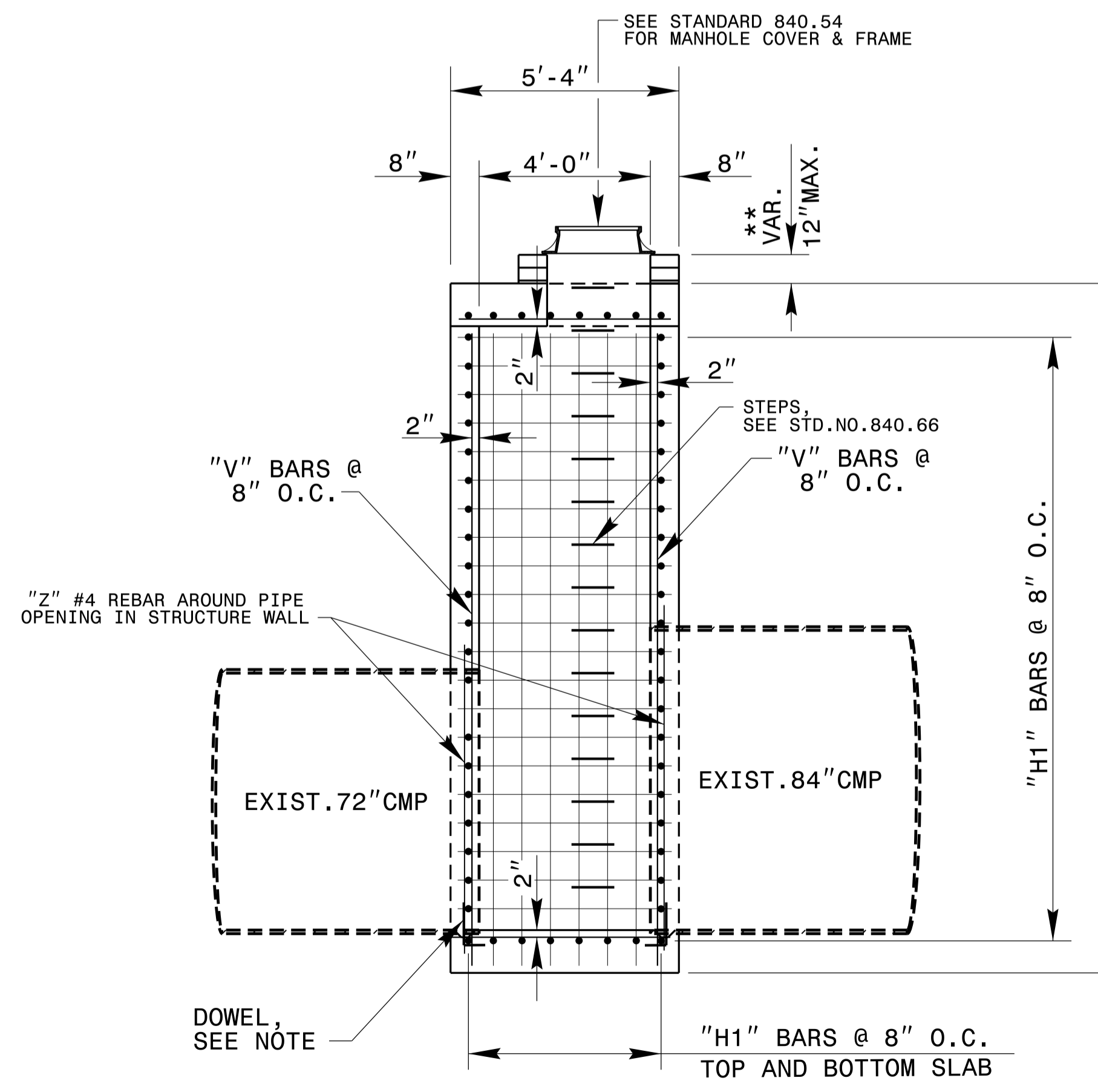
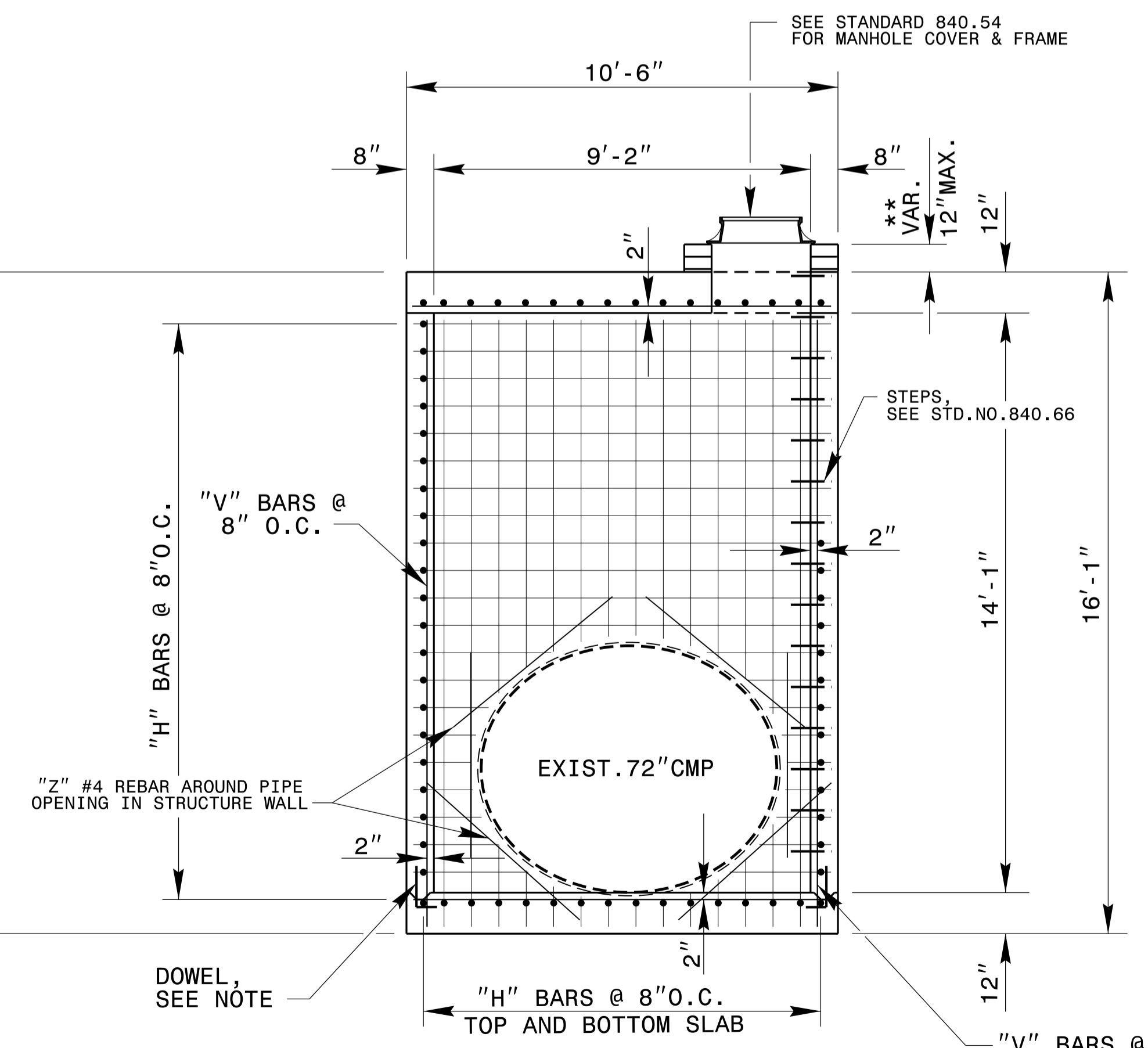


- GENERAL NOTES:**
- THE BASE SLAB TO BE CONSTRUCTED BY FORMING.
 - IF PIPE IS SET INTO BASE SLAB, SEE STD. DWG. 840.00 FOR CONSTRUCTION DETAILS.
 - CLASS 'B' CONCRETE TO BE USED THROUGHOUT.
 - CONSTRUCTION OPTIONS: MONOLITHIC POUR, 2" KEYWAY, OR #4 BAR DOWELS AT 12" CENTERS AS DIRECTED BY THE ENGINEER.
 - REINFORCING STEEL SHOULD BE CUT, BENT OR RELOCATED TO POSITION PIPE AS DIRECTED BY THE ENGINEER.
 - ALL EXPOSED CORNERS TO BE CHAMFERED 1".
 - SEE STD. DRAWING 840.34 FOR CONSTRUCTION OF RISER AND MANHOLE.
 - JUNCTION BOXES OVER 3'-6" IN DEPTH WITH MANHOLES WILL REQUIRE STEPS TO BE PLACED ON 12" CTRS. REFERENCE STD. NO. 840.66.
 - MAINTAIN 2" MINIMUM CONCRETE COVERAGE ON ALL STEEL.



SECTION X-X

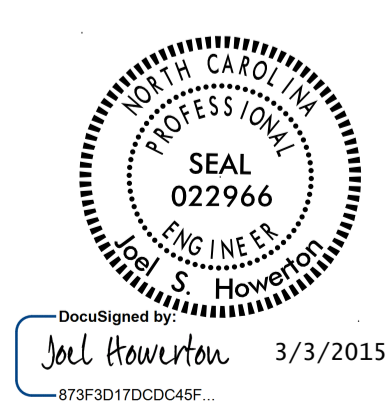


SECTION Y-Y

BILL OF MATERIAL

REINFORCING STEEL				
BAR	NO.	SIZE	LENGTH	WEIGHT
H	74	#4	5'-0"	248
H1	58	#4	10'-2"	394
V	44	#4	14'-9"	434
Z	8	#4	5'-0"	27
TOTAL REINF. STEEL (lbs.)				1103
TOTAL CLASS "B" CONC. (cu. yds.)				14.2
DEDUCTION FOR 1- 72" CMP				-0.9
DEDUCTION FOR 1- 84" CMP				-1.0
CLASS "B" CONC. (cu. yds.)				12.3

** 0.30 CU. YD. PER FOOT OF RISER HEIGHT



STRUCTURE NO.0621

**CONTRACT SERVICES & DEVELOPMENT UNIT
STANDARDS AND SPECIAL DESIGN**

Office 919-707-6950 FAX 919-250-4119

**DETAIL OF SPECIAL
TRAFFIC BEARING JUNCTION BOX**

ORIGINAL BY: _____	DATE: _____
MODIFIED BY: rnbritt	DATE: 08-13-14
CHECKED BY: _____	DATE: _____
FILE SPEC.: details/nbritt/english/urban/u5008_84tjb.dgn	