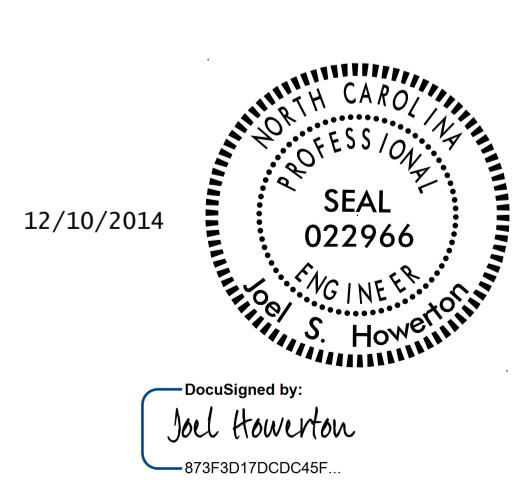


**GENERAL NOTES:**

- THE BASE SLAB TO BE CONSTRUCTED BY FORMING.
- SEE STD. DWG. 840.00 FOR CONSTRUCTION OF BASE SLAB
- 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 TO 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.

BILL OF MATERIAL					
CODE	BAR#	LENGTH	LBS/FT.	QTY.	LBS
H	4	7'-6"	0.668	96	481
H1	4	11'-4"	0.668	72	545
H2	4	4'-6"	0.668	102	307
V	4	9'-8"	0.668	52	336
V2	4	14'-0"	0.668	24	225
K	4	4'-0"	0.668	8	22
TOTAL WEIGHT STEEL					1916
MASONRY QUANTITIES					
CLASS "B" CONCRETE					20.4 CU.YDS.
PIPE DEDUCTIONS					
1-24" RCP					-0.2 CU.YD.
1-42" RCP III					-0.4 CU.YD.
1-42" CSP					-0.3 CU.YDS.
TOTAL CLASS "B" CONCRETE					19.5 CU.YDS.

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



**STRUCTURE #1713**

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

**EXTRA DEPTH JUNCTION BOX**

ORIGINAL BY: rnbritt DATE: 12-02-14  
 MODIFIED BY: DATE:  
 CHECKED BY: DATE:  
 FILE SPEC.: details/rnbritt/english/rural/r2915d extra\_depth\_jb.dgn