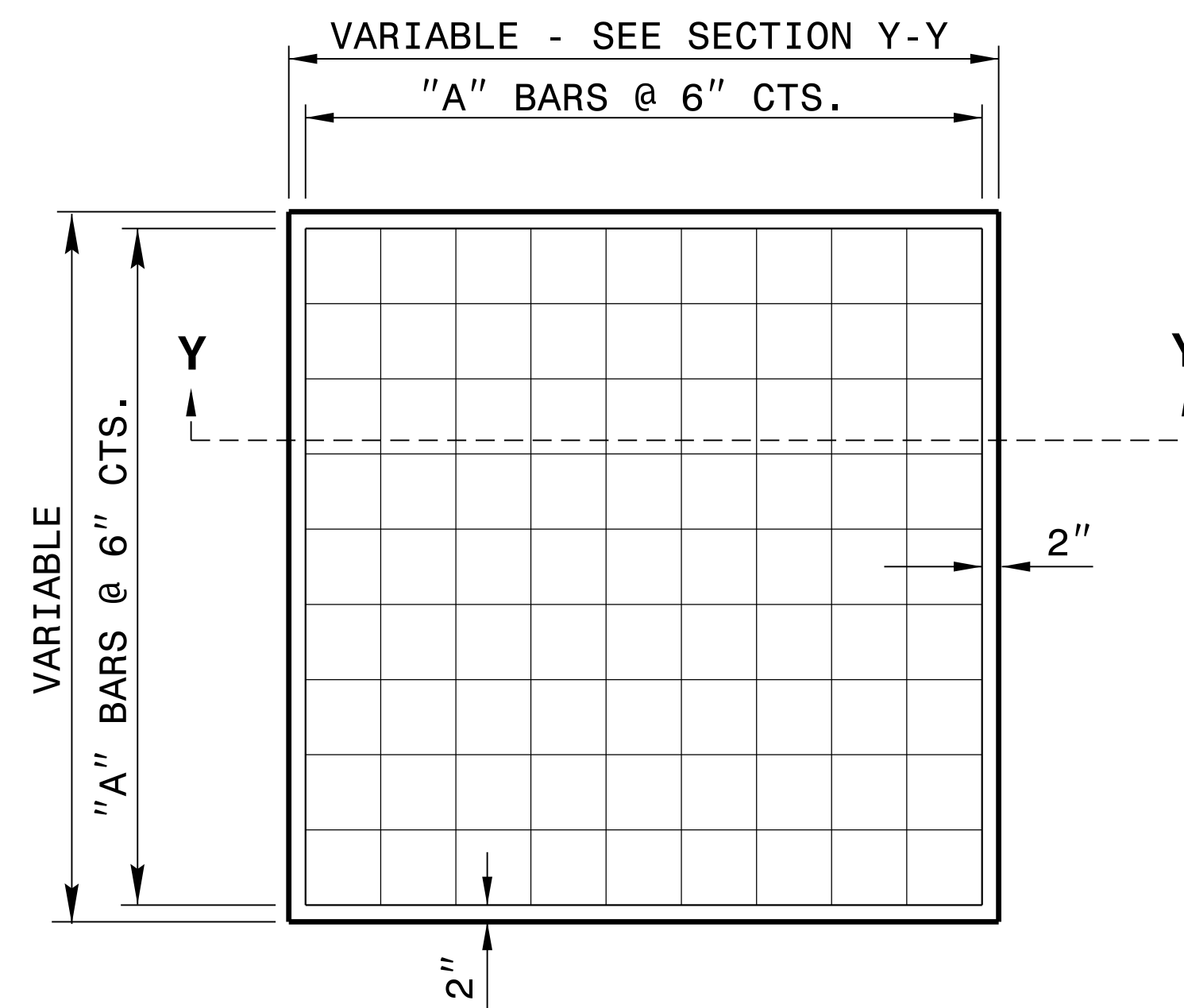


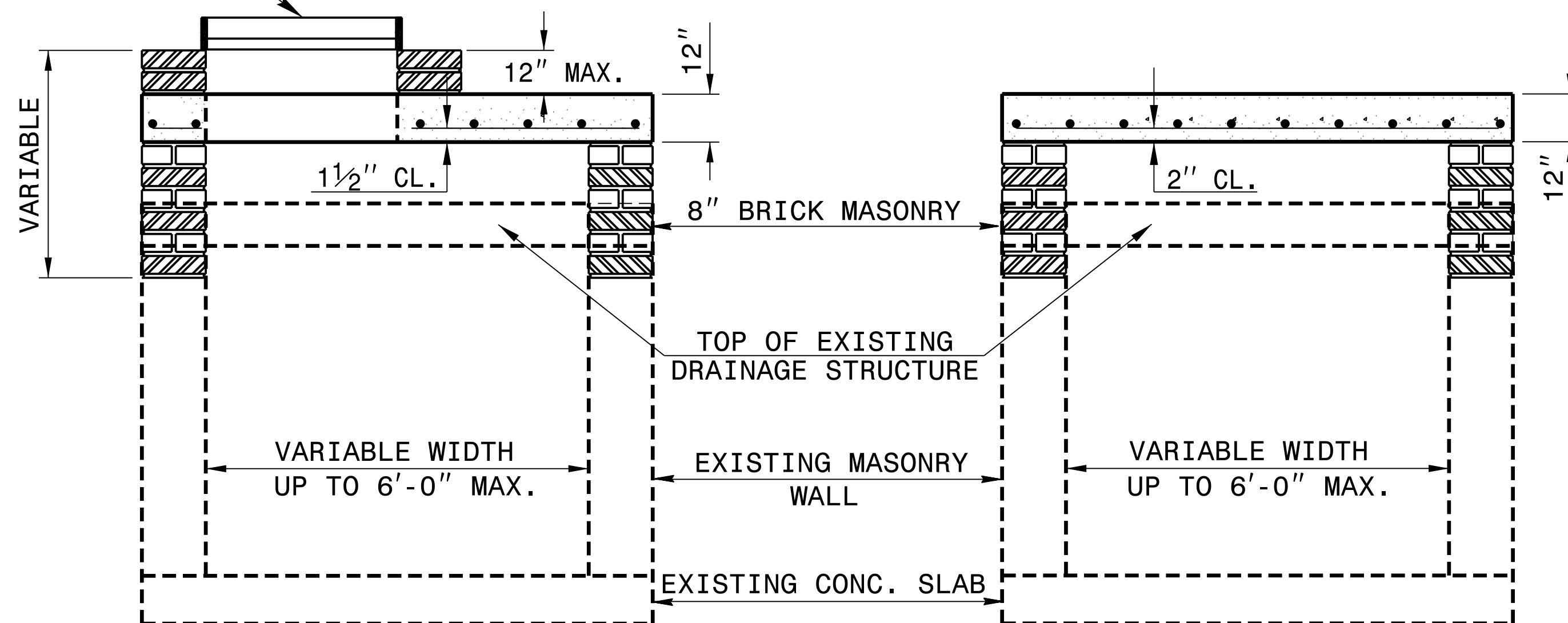
**PLAN**



**PLAN**

**GENERAL NOTES:**  
 CONSTRUCT IN ACCORDANCE WITH SECTION 859 OF THE STANDARD SPECIFICATIONS.  
 FIELD VERIFY THE DIMENSIONS FOR THE EXISTING BOXES  
 DETAIL INTENDED FOR TRAFFIC BEARING DRAINAGE STRUCTURES.

SEE STD. 840.29  
 FRAME AND GRATE



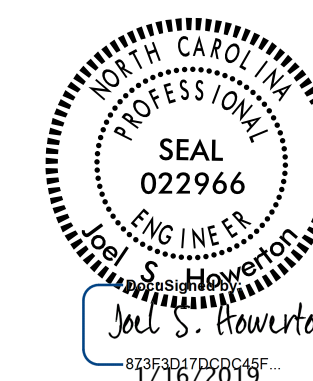
**SECTION X-X**

**SECTION Y-Y**

BILL OF MATERIALS				
REINFORCING STEEL				
CODE	SIZE	QTY.	LENGTH	REINF. STEEL LBS.
A	#4	20	4'-6"	60.12
B	#4	8	1'-1"	5.79
TOTAL				65.91 *
MASONRY				CU YDS
TOP SLAB CONCRETE CLASS "B"				.433 *
BRICK MASONRY PER FT HT (MIN)				.4111

**\* NOTE:**  
 QUANTITIES BASED ON 3'-6" X 3'-6" DRAINAGE STRUCTURE. ADJUST QUANTITIES FOR LARGER STRUCTURES AND MANHOLE CONSTRUCTION.

05-DEC-2018 15:01  
 S:\Contracts\Special Details\English\Hydro\Convert CB or JB to DI.dgn  
 J.Howerton AT CSD-292595



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

**DETAIL TO CONVERT EXISTING  
 DRAINAGE STRUCTURE  
 TO TRAFFIC BEARING 2-GI**

ORIGINAL BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 MODIFIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 FILE SPEC.: details/rnbritt/english/hydro/convjbtog2gi.dgn

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED