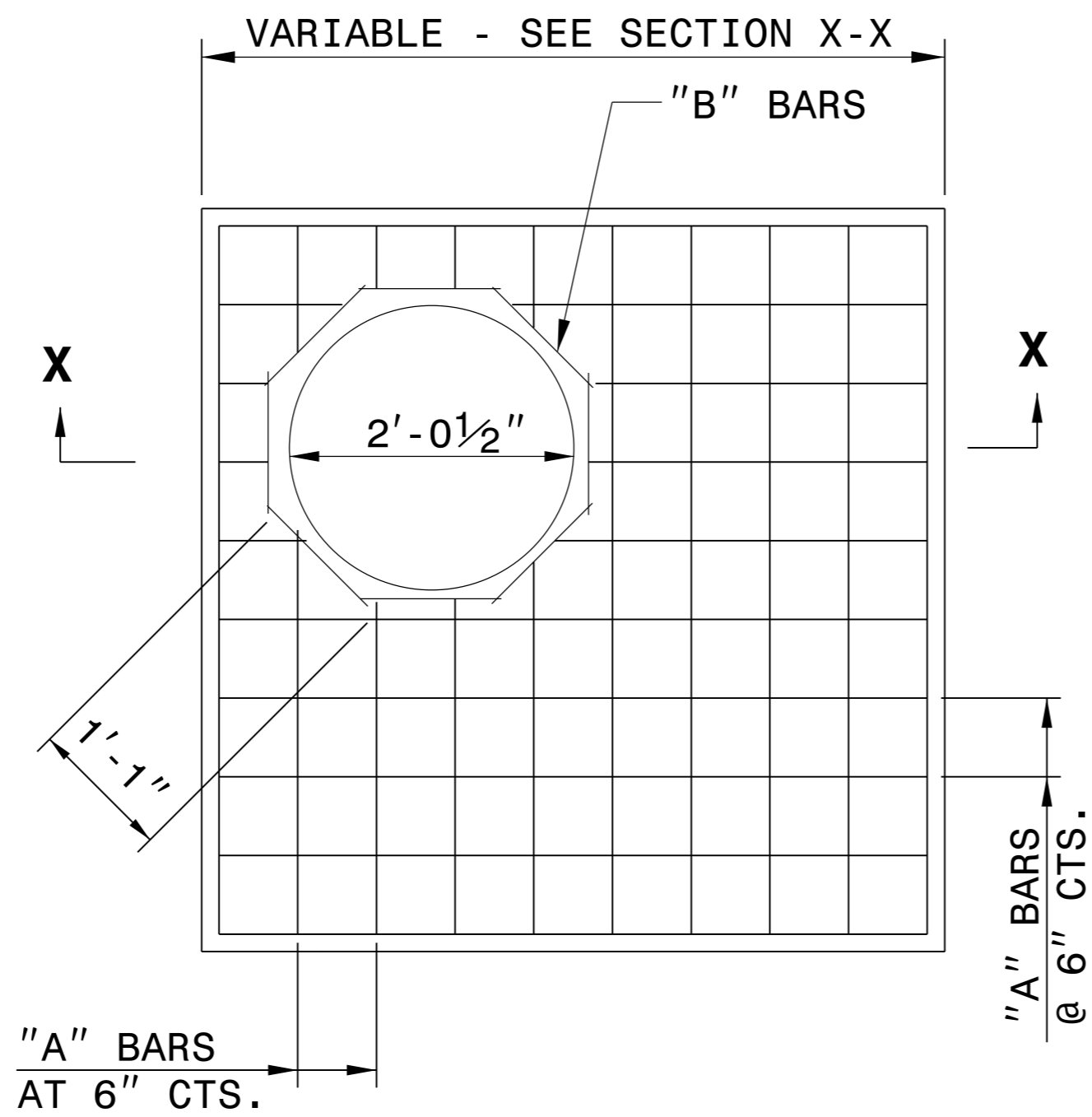
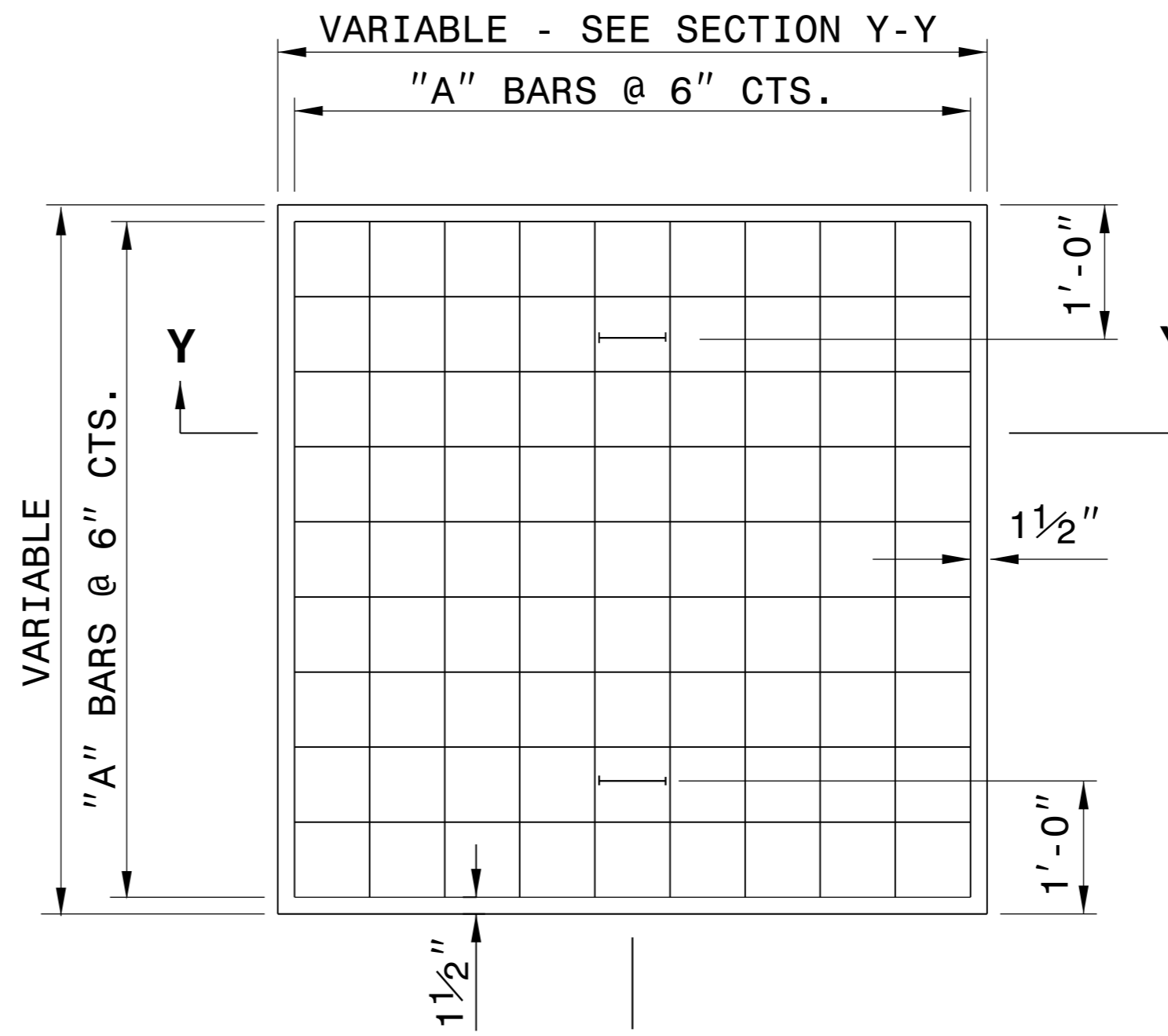


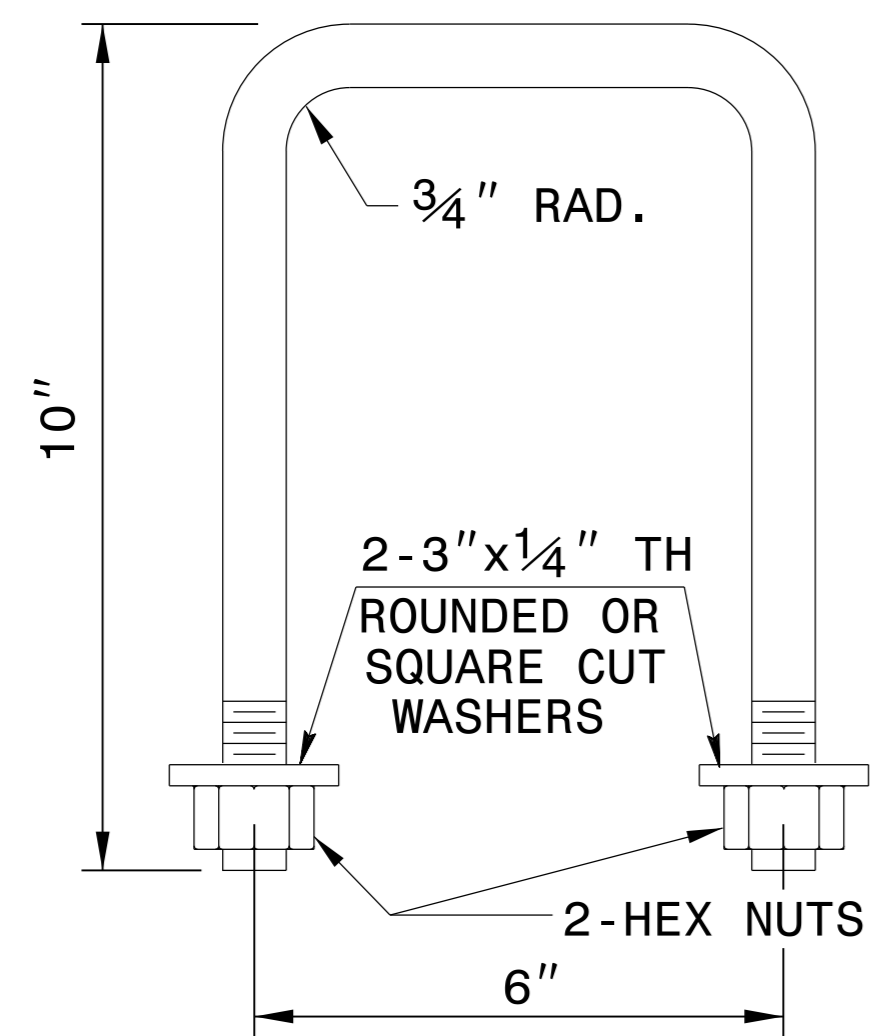
PARTIAL SECTION



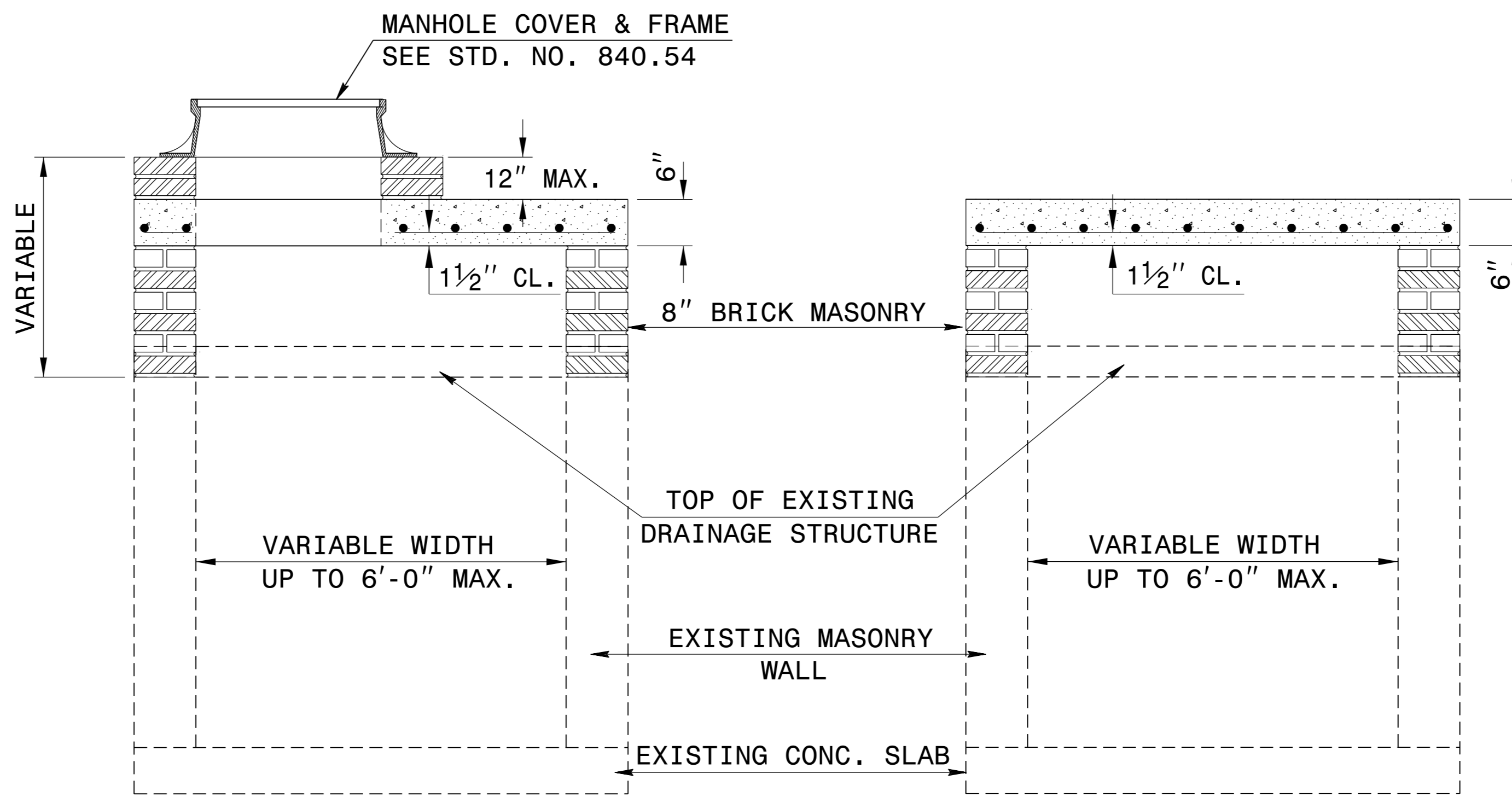
PLAN



PLAN



DETAIL OF HANDLE



SECTION X-X

SECTION Y-Y

GENERAL NOTES:

CONSTRUCT IN ACCORDANCE WITH SECTION 859 OF THE STANDARD SPECIFICATIONS.

THE DIMENSIONS FOR THE EXISTING BOXES ARE APPROXIMATE AND MAY VARY SLIGHTLY.

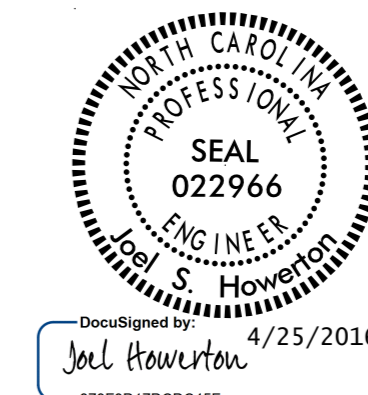
DETAIL INTENDED FOR NON-TRAFFIC BEARING DRAINAGE STRUCTURES.

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"   |      |      |        | .4326 *           |
| 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.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



**CONTRACT STANDARDS AND DEVELOPMENT UNIT**  
 Office 919-707-6950 FAX 919-250-4119  
**DETAIL TO CONVERT EXISTING DI, CB, OTCB or GI TO JUNCTION BOX (MANHOLE OPTIONAL)**

ORIGINAL BY: T.S.S. DATE: NOV. 1997  
 MODIFIED BY: T.S.S. DATE: FEB. 2000  
 CHECKED BY: DATE:  
 FILE SPEC.: ds174:/usr/details/stand/boxtojb.dgn