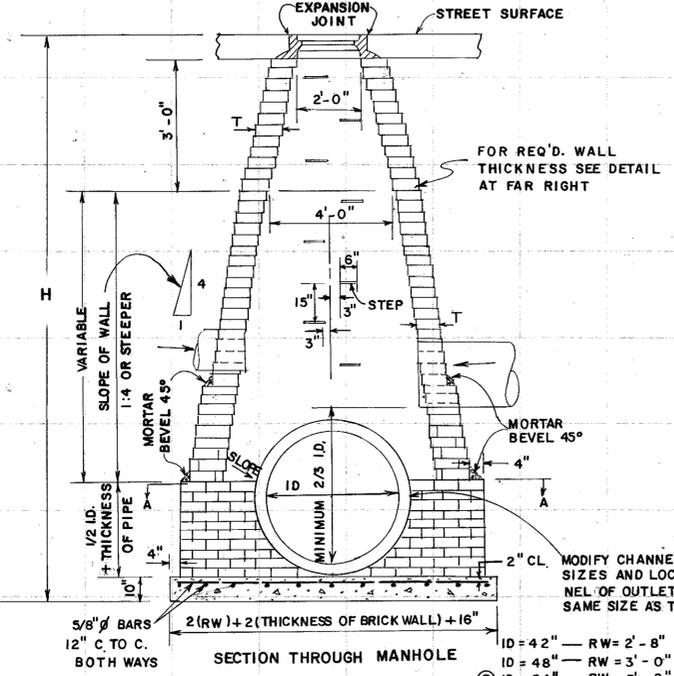
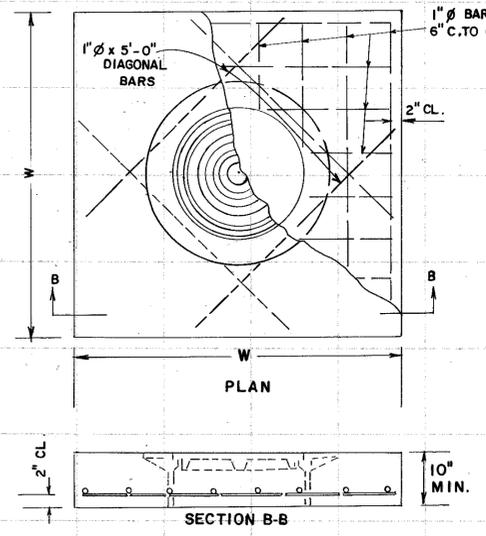


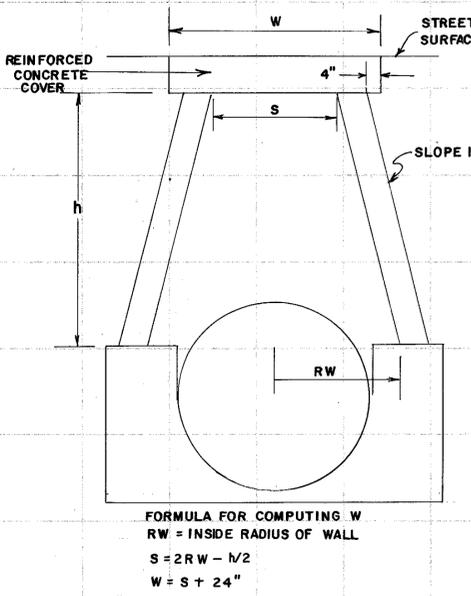
### BRICK MANHOLE SECTION (PIPE OUTSIDE DIAMETER IS 48" OR MORE)



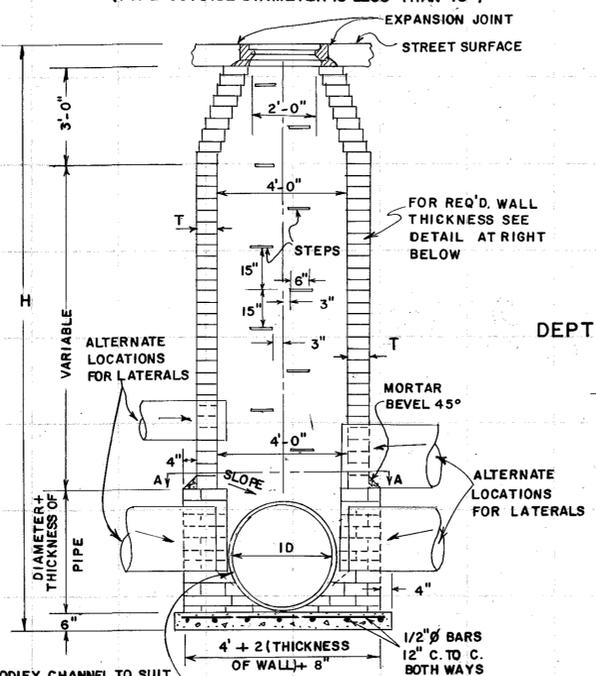
### REINFORCED CONCRETE COVER



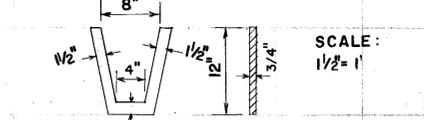
### PLACEMENT FOR CONCRETE COVER



### BRICK MANHOLE SECTION (PIPE OUTSIDE DIAMETER IS LESS THAN 48")

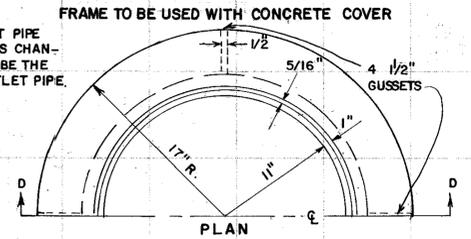
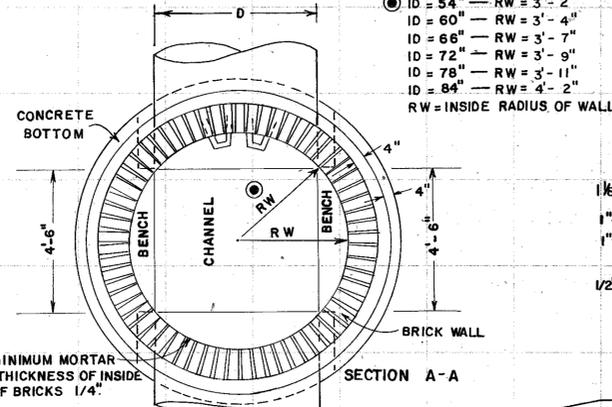
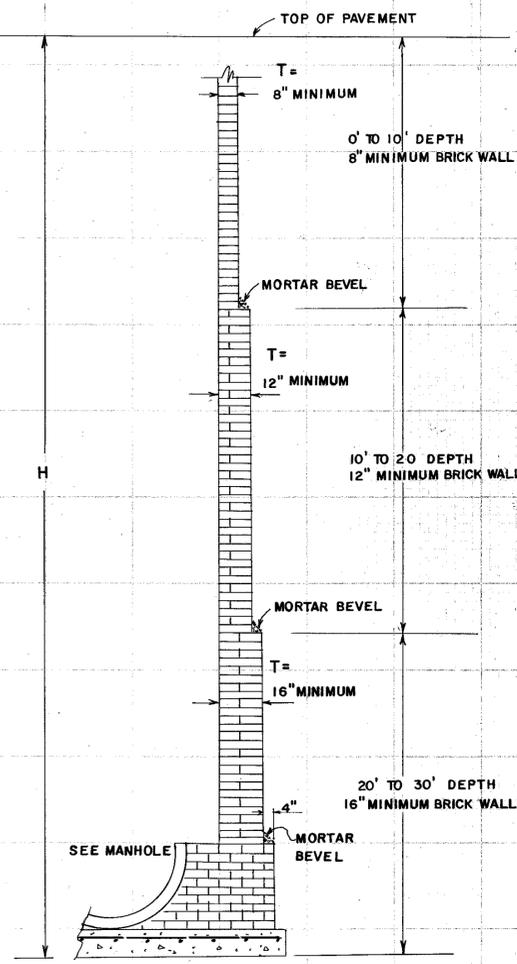


### CAST IRON STEP



NOTE: STEPS ARE REQUIRED IN ALL MANHOLES WHERE "H" IS GREATER THAN 4'-0". NUMBER AND LOCATION OF STEPS TO BE AS DIRECTED BY THE ENGINEER. PLASTIC OR RUBBER COATED STEPS LISTED IN THE GA. D.O.T. QUALIFIED PRODUCTS MANUAL MAY BE SUBSTITUTED.

### DEPTH LIMITS FOR INCREASING WALL THICKNESS



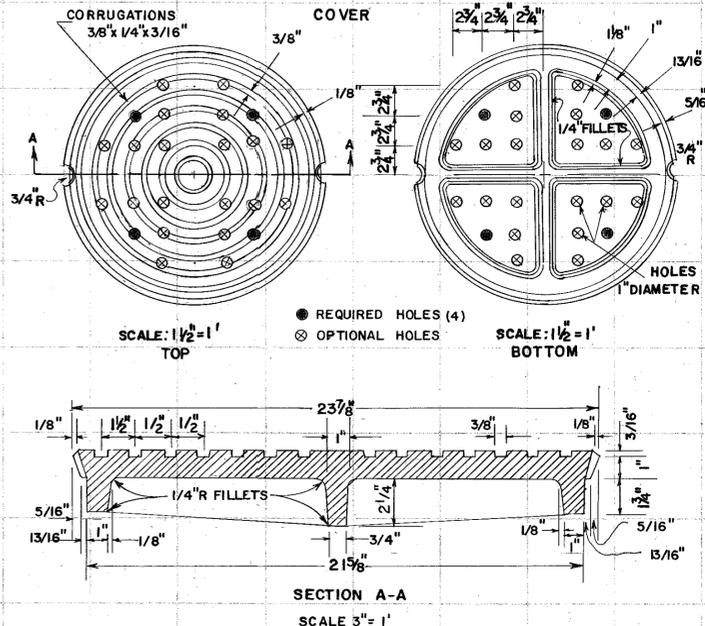
NOTE: USE CONCRETE COVER WITH MANHOLE CASTINGS IF FILL FROM TOP OF PIPE TO FINISHED SURFACE IS LESS THAN:  
 4'-6" FOR 42" PIPE  
 5'-0" FOR 48" PIPE  
 5'-6" FOR 54" PIPE  
 6'-0" FOR 60" PIPE  
 6'-6" FOR 66" PIPE  
 7'-0" FOR 72" PIPE  
 7'-6" FOR 78" PIPE  
 8'-0" FOR 84" PIPE

### THICKNESS OF BRICK WALL

| DEPTH      | THICKNESS (T) |
|------------|---------------|
| TO 10'     | * 8" MIN.     |
| 10' TO 20' | 12" MIN.      |
| 20' TO 30' | 16" MIN.      |

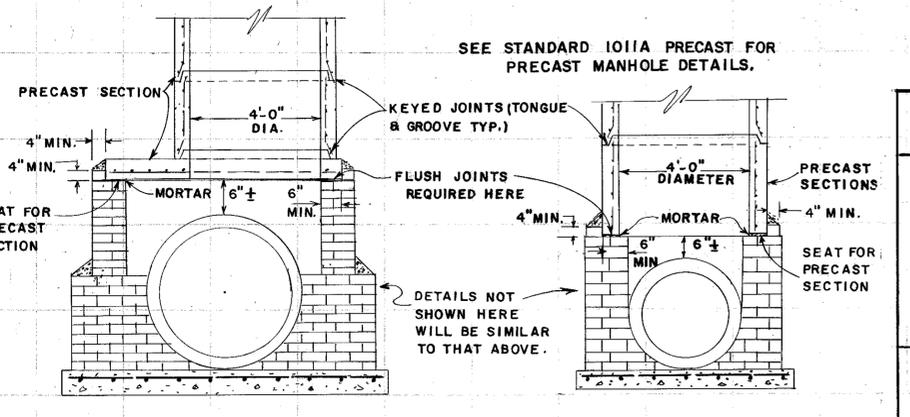
\* FOR COMBINATION BRICK & PRECAST M.H. (SEE BELOW) ONLY 12" OR 16" BRICK WALL THICKNESS IS TO BE USED FOR BASE.

### MANHOLE CASTINGS



### ALTERNATE - COMBINATION BRICK & PRECAST MANHOLES

NOTES FOR COMBINATION MANHOLE:  
 - BRICK PORTION OF MANHOLE WILL BE CONSTRUCTED WITH SEAT TO GIVE BEST POSSIBLE FIT FOR PRECAST UNIT. MINIMUM THICKNESS FOR BRICK WALL WILL BE 12" FOR H TO 20 FT. AND 16" FOR H=20 FT. TO 30 FT.  
 - PRECAST UNIT WITHOUT TONGUE OR GROOVE AT BOTTOM SHALL BE PLACED IN BRICK SEAT WITH MORTAR IN JOINT ALL ROUND. BRICK BASE SHALL SET FOR 24 HOURS MIN. BEFORE PRECAST SECTIONS ARE INSTALLED.  
 - STEPS IN THE BRICK PORTION OF MANHOLE WILL BE IN ALIGNMENT WITH AND MATCH THE STEPS IN THE PRECAST SECTIONS RATHER THAN AS SHOWN FOR THE ALL BRICK MANHOLES.



APPROXIMATE WEIGHTS

|            |          |
|------------|----------|
| C.I. FRAME | 282 LBS. |
| C.I. COVER | 178 LBS. |

NOTE: COVER AND FRAME MUST BE FITTED BEFORE LEAVING SHOP. PAINT ACTUAL WEIGHT OF EACH CASTING ON ITS FACE.

MANHOLE FRAME & COVER SHOWN ON STD. 1011A PRECAST MAY BE USED AN ALTERNATE TO CASTINGS SHOWN HERE.

|  |  |
|--|--|
| DEPARTMENT OF TRANSPORTATION<br>STATE OF GEORGIA       |  |
| STANDARD<br>BRICK MANHOLES                             |  |
| SCALE AS SHOWN   | REV. & REDR. OCTOBER, 1981   |
| DES. 8-58<br>DRW. R.M.U.<br>TRA. G.M.E.<br>CHK. R.K.C. | (SUBMITTED) <i>Handwritten Signature</i><br>STATE ROAD & AIRPORT DESIGN ENGR.<br>(APPROVED) <i>Handwritten Signature</i><br>STATE HIGHWAY ENGINEER |
|  | NUMBER<br>1011A  |