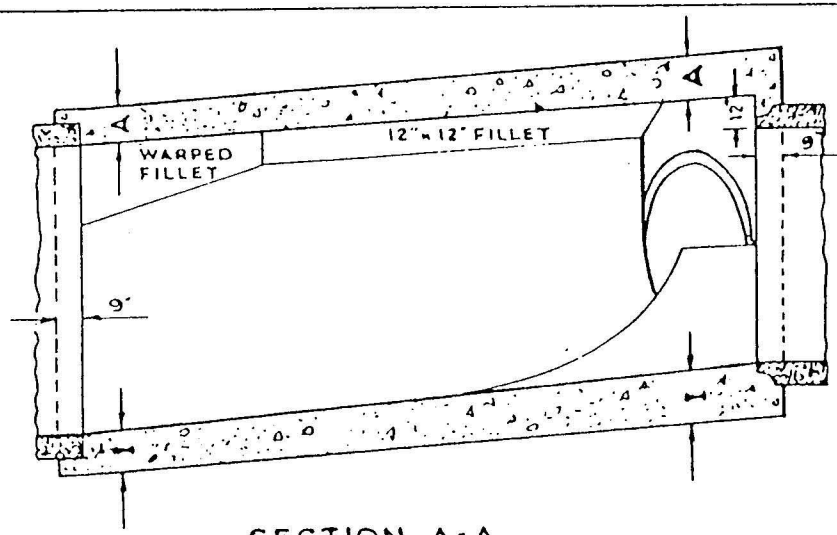
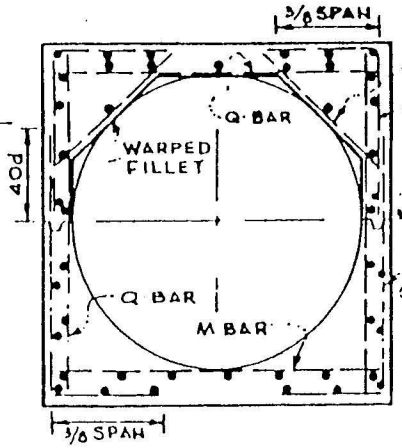
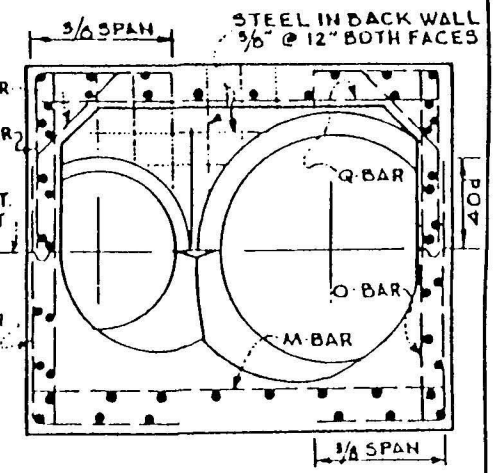



SECTION A-A

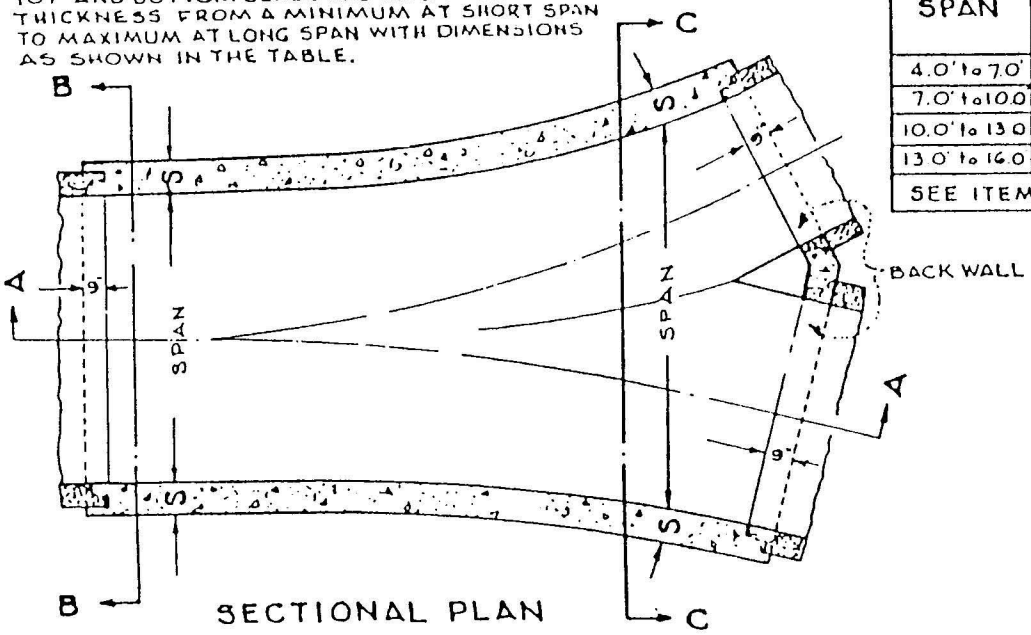



SECTION B-B




SECTION C-C

TOP AND BOTTOM SLABS AND SIDE WALLS VARY IN THICKNESS FROM A MINIMUM AT SHORT SPAN TO MAXIMUM AT LONG SPAN WITH DIMENSIONS AS SHOWN IN THE TABLE.




SECTIONAL PLAN

| SPAN | CONC. DIMENSION | | | REINFORCING BARS & SPACING | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | A | I | S | M | N | O | P | Q | T |
| 4.0' to 7.0' | 10" | 12" | 10" | 7/8 @ 10" | 3/4 @ 10" | 5/8 @ 20" | 3/4 @ 10" | 7/8 @ 10" | 5/8 @ 20 |
| 7.0' to 10.0 | 12" | 14" | 10" | 7/8 @ 8 | 3/4 @ 8" | 5/8 @ 16" | 3/4 @ 8" | 7/8 @ 8" | 5/8 @ 16" |
| 10.0' to 13.0 | 15" | 18" | 12" | 7/8 @ 6" | 3/4 @ 6" | 5/8 @ 12" | 3/4 @ 6" | 7/8 @ 6" | 5/8 @ 12" |
| 13.0' to 16.0 | 18" | 21" | 15" | 1" @ 6" | 3/4 @ 6" | 5/8 @ 12" | 3/4 @ 6" | 1" @ 6" | 5/8 @ 12" |
| SEE ITEM 5.4 - GENERAL SPEC | | | | LONG BARS 5/8" @ 15" ALL SECTIONS | | | | | |

SIZE AND SPACING OF REINFORCING STEEL AS INDICATED IN THE TABLE SHALL BE SELECTED FOR THE RESPECTIVE INCREMENTS OF SPAN, AS SCALED FROM THE CONTRACT DRAWINGS OF THE JUNCTION CHAMBER.

ALL REINFORCING STEEL TO BE ROUND DEFORMED BARS

STEEL TO HAVE A MINIMUM COVER OF TWO (2) INCHES EXCEPT IN BOTTOM SLAB, WHICH IS TO HAVE A COVER OF 2½ INCHES IN EACH FACE.

THIS STANDARD TYPIFIES THE STRUCTURAL DEMENSIONS AND REINFORCING DETAILS FOR A CONCRETE JUNCTION CHAMBER, WHICH THE CONTRACTOR MAY ELECT TO BUILD AS A ALTERNATIVE TO THAT OF BRICK MASONRY. THE CHARACTERISTICS OF THE INVERT SHALL BE THE SAME AS INDICATED ON THE CONTRACT DRAWING FOR THE JUNCTION CHAMBER.

# REINF. CONC. JUNCTION CHAMBER

## PLATE 2

C-6