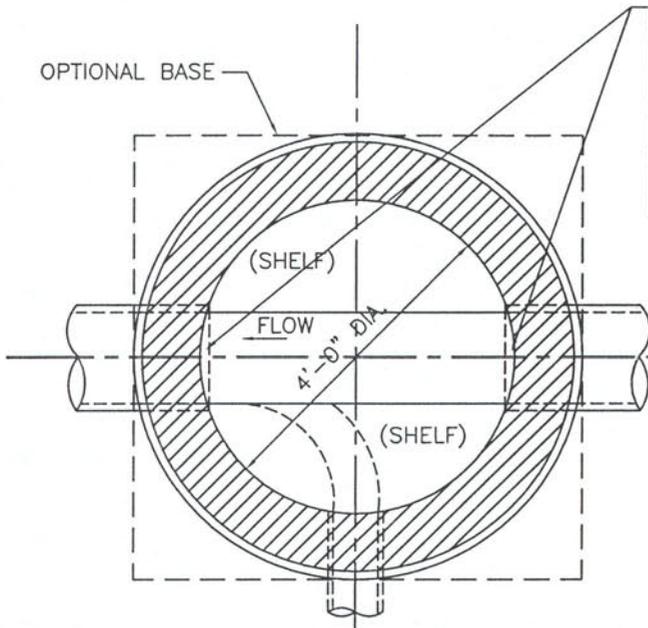


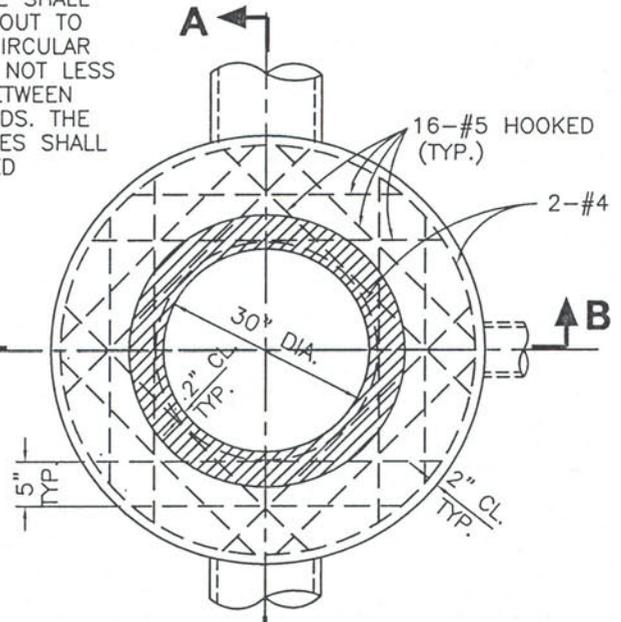
**SECTION A-A**

**SECTION B-B**

FOR 30" PIPE AND LARGER THE TOP PORTION OF THE SEWER PIPE WITHIN THE MANHOLE SHALL BE BROKEN OUT TO PROVIDE A CIRCULAR OPENING OF NOT LESS THAN 36" BETWEEN THE PIPE ENDS. THE BROKEN EDGES SHALL BE PLASTERED SMOOTH.



**PLAN SECTION C-C**



**ROOF PLAN**

**NOTES AND SPECIFICATIONS:**

1. IF CONCRETE WALLS ARE USED, THE PRECAST CONCRETE UNITS SHALL BE MANUFACTURED AND TESTED IN ACCORDANCE WITH ASTM C 478. THE CURING OF THE PRECAST UNITS SHALL CONFORM TO SECTION 207-2.7 OF STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. PRECAST CONCRETE UNITS MAY BE REINFORCED OR UNREINFORCED. REINFORCED SECTIONS SHALL BE REINFORCED IN ACCORDANCE WITH ASTM C 478 AND SHALL HAVE A MINIMUM WALL THICKNESS OF 4".
3. PRECAST CONCRETE UNITS SHALL BE ASSEMBLED USING MORTAR CONFORMING TO SECTION 201-5.1 (CLASS "B") OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. FOR LAYING BRICK OR PLASTERING, THE MORTAR SHALL CONFORM TO SECTION 201-5.1 (CLASS "D").

**CITY OF TORRANCE**

**SHALLOW MANHOLE  
FOR 8" TO 36" PIPE**

STANDARD NO.

**T205**

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ROBERT J. BESTE  
PUBLIC WORKS DIRECTOR  
R.C.E. NO. 50737

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