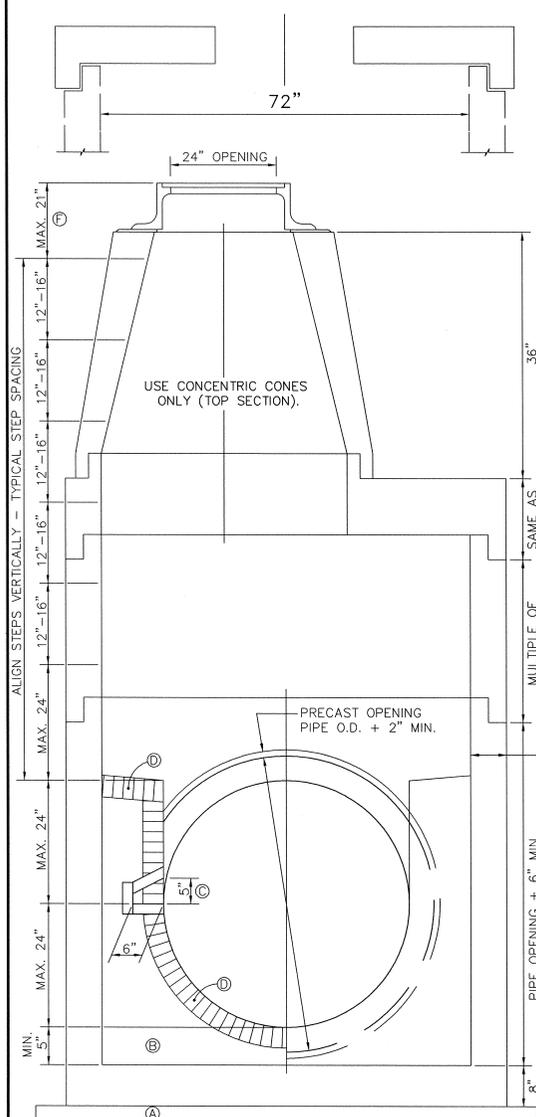


ALTERNATE 72" SLAB TOP

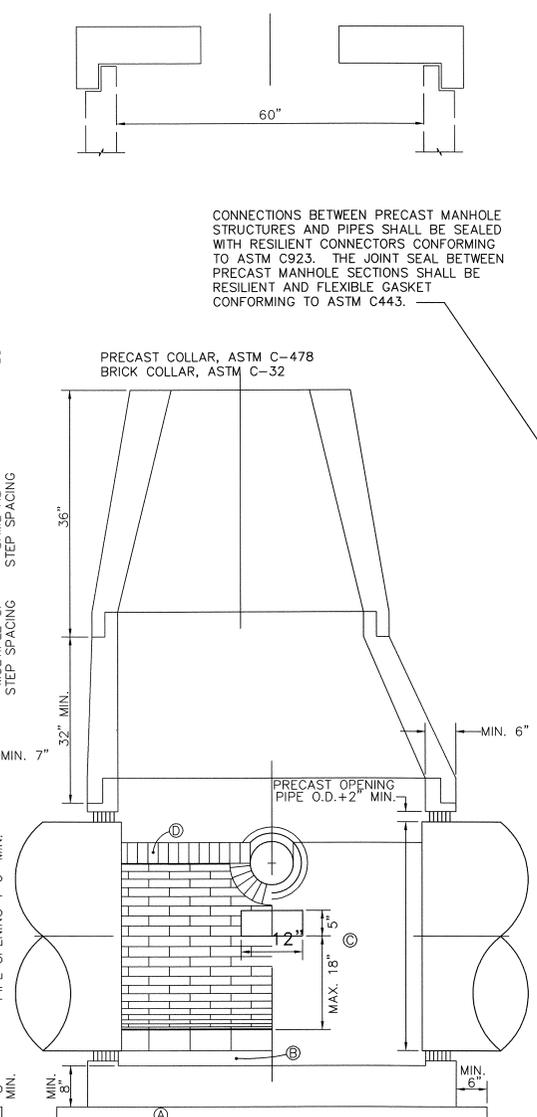
ALTERNATE 60" SLAB TOP

ALTERNATE 48" SLAB TOP WITH TYPICAL STANDARD CASTING

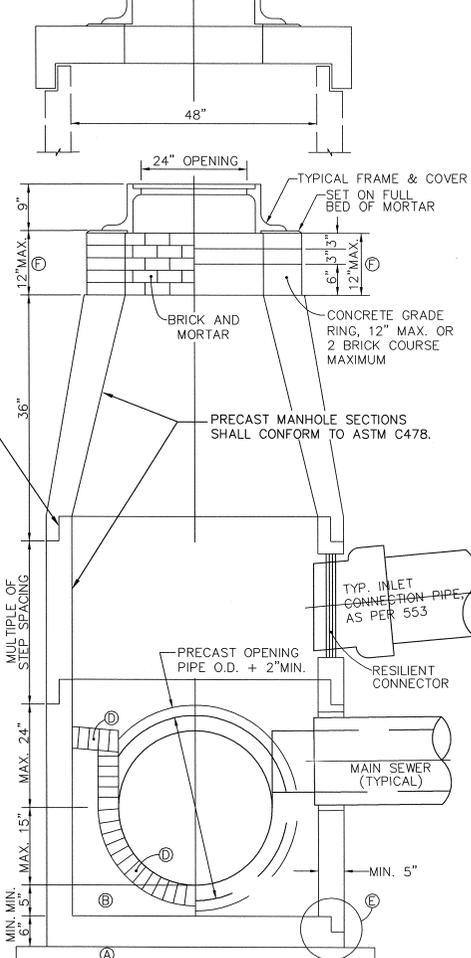
ALTERNATE SLAB REDUCER FOR 60" DIAMETER MANHOLE



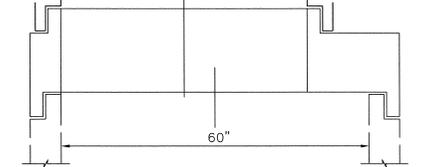
MH-2C 72" DIAMETER
30"-36" DIAMETER PIPE



MH-2B 60" DIAMETER
21"-27" DIAMETER PIPE



MH-2A 48" DIAMETER
8"-18" DIAMETER PIPE



- Ⓐ NO. 57 SLAG OR LIMESTONE, 3" THICK
- Ⓑ CLASS "C" CONCRETE, TYPE 2 CEMENT OR BRICK AND MORTAR, AFTER MANHOLE AND PIPE ARE IN PLACE. THE USE OF "DRY MIX" IS PROHIBITED.
- Ⓒ WHEN PIPE DIAMETER IS MORE THAN 24", CONSTRUCT TOE HOLES IN CHANNEL TO FORM STEPS.
- Ⓓ CONSTRUCT BRICK CHANNEL AND BENCH IN SANITARY AND COMBINATION MANHOLES. SLOPE BENCH 1"/FOOT.
- Ⓔ BASES ARE SHOWN AS BEING ONE-PIECE. A PERMISSIBLE ALTERNATE IS TO CAST AND SHIP THE FLOOR AND BARREL SEPARATELY.
- Ⓕ MANHOLES SHOULD BE DESIGNED AND CONSTRUCTED SO THAT UNDER NORMAL CIRCUMSTANCES CONSTRUCTION OF A CHIMNEY WOULD NOT BE REQUIRED.
- Ⓖ OPENINGS IN BASE SECTIONS AND RISER SECTIONS FOR MAIN SEWER PIPES SHALL BE PROVIDED WHEN THE UNIT IS CAST TO MEET PROJECT REQUIREMENTS. OPENINGS IN RISER SECTIONS FOR INLET CONNECTIONS MAY BE PREFABRICATED OR CORED IN THE FIELD. IN BOTH CASES THE PIPE MUST BE PLACED OR TRIMMED SO IT DOES NOT PROJECT INTO THE MANHOLE.

GENERAL NOTES

WITH NORMAL SOIL AND SITE CONDITIONS THIS STANDARD PRECAST MANHOLE MAY BE USED FOR ANY REQUIRED MANHOLE DEPTH. SECTIONS OF THE PRECAST MANHOLE SHALL BE CAST AND ASSEMBLED WITH EITHER ALL TONGUE OR ALL GROOVE ENDS UP. LIFT HOLES MAY BE PROVIDED IN EACH SECTION FOR HANDLING.

CONNECTIONS BETWEEN PRECAST MANHOLE STRUCTURES AND PIPES SHALL BE SEALED WITH RESILIENT CONNECTORS CONFORMING TO ASTM C923, AS SHOWN ON MH-6, AS PER 706.14.

JOINT SEAL BETWEEN PRECAST MANHOLE SECTIONS SHALL BE RESILIENT AND FLEXIBLE GASKET CONFORMING TO ASTM C443, AS PER 706.11.

PRECAST MANHOLES SHALL BE COATED IN ACCORDANCE WITH SECTION 706.13 ON SANITARY SEWERS.

DROP PIPE, WHEN SPECIFIED ON THE PLANS, SHALL BE CONSTRUCTED AS SHOWN ON MH-9.

STEPS, FRAMES AND COVERS SHALL CONFORM WITH THE REQUIREMENTS SET FORTH ON MH-8.

DO NOT SCALE - USE DIMENSIONS ONLY

CITY OF AKRON
BUREAU OF ENGINEERING

CONSTRUCTION
STANDARD DWG. No. **MH-2**

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SANITARY OR STORM SEWER
PRECAST CONCRETE MANHOLE
48", 60", 72" DIAMETER

AUTOCAD DRAWING - STD_MH-2.DWG
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September 23, 1997
APRIL 6, 2010