

NOTE: INSIDE OF BRICK MANHOLES TO BE PLASTERED WITH 1-3 MORTAR TO TOP OF HIGHEST PIPE 1/2" THICK.

MANHOLE STEPS UNIFORMLY SPACED AT MAX. 18" ON UNRESTRICTED WALL.

1/2" CEMENT MORTAR (ALL BRICK STRUCTURES)

APPROVED PATENTED WATER STOP REQUIRED FOR PLASTIC PIPE

APPROVED PATENTED COMPRESSION PIPE JOINT

LINE OF ACTION EXCAVATION

COMPACTED CRUSHED GRANULAR FILL

EXCAVATED SPACE OUTSIDE OF MANHOLE WALL EXCEEDS 4" ENCASE SEWER PIPE WITH CLASS "A" CONCRETE AND REINFORCE WITH #4'S FOR LENGTH OF ENCASEMENT

INSIDE FOULWATER DROP MANHOLE (FOR FREE-FALL)

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NOTE: INSIDE OF BRICK MANHOLES TO BE PLASTERED WITH 1-3 MORTAR TO TOP OF LARGEST PIPE 1/2" THICK.

MANHOLE STEPS UNIFORMLY SPACED AT MAX. 18" ON UNRESTRICTED WALL.

1/2" CEMENT MORTAR (ALL BRICK STRUCTURES)

APPROVED PATENTED WATER STOP REQUIRED FOR PLASTIC PIPE

CLASS "A" CONCRETE

TERMINAL MANHOLE

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MANHOLE BASE PLAN

MANHOLE BASE SECTION

PRECAST MANHOLE SECTION PER ASTM C-478

PRECAST MANHOLE BASE

PRECAST MANHOLE RISE SECTION PER ASTM C-478

REINFORCED CONCRETE PIPE PER ASTM C-76

MODIFIED CLASS "C" BEDDING FOR A.C.P.

PRECAST CONCRETE MANHOLE FOR SEWERS "B" THROUGH "18"

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PRECAST MANHOLE RISE SECTION PER ASTM C-478

PRECAST MANHOLE TEE FOR USE ON PRECAST MANHOLE TEE

REINFORCED CONCRETE PIPE PER ASTM C-76

MODIFIED CLASS "C" BEDDING FOR A.C.P.

TYPICAL PRE-CAST MH TEE FOR REINFORCED CONCRETE PIPE REINFORCED WITH #4'S AND LARGER IN DIAMETER

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UNTRAPPED STREET INLET BRICK CONSTRUCTION

3/4" EXPANSION JOINT WHEN SET IN PAVED AREA

CLASS "A" CONCRETE

STONE SET IN 3/4" CEMENT MORTAR (1:1 MIX)

1/2" CEMENT MORTAR PLASTER

UNTRAPPED STREET INLET BRICK CONSTRUCTION

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TRAPPED STREET INLET BRICK CONSTRUCTION

DETAIL "A" FOR USE WITH VERTICAL CURBS AND CONDITIONS OF STABLE COMPACTED EARTH. REINFORCEMENT ADJUSTMENT TO INLET AND GUTTER SUMP.

DETAIL "B" FOR USE IN NEW CONSTRUCTION WITH RECENTLY COMPACTED EARTH BENEATH. REINFORCEMENT ADJUSTMENT TO INLET AND GUTTER SUMP.

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MULTIPLE STREET INLET BRICK CONSTRUCTION

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DOUBLE UNTRAPPED STREET INLET BRICK CONSTRUCTION

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AREA INLET OPEN 4 SIDES BRICK CONSTRUCTION

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AREA INLET MANHOLE (12" THRU 24")

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DOUBLE AREA INLET OPEN 4 SIDES BRICK CONSTRUCTION

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2 GRATE INLET BRICK CONSTRUCTION

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2 GRATE INLET WITH SIDE INTAKE BRICK CONSTRUCTION

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3 & 4 GRATE INLET BRICK CONSTRUCTION

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6 & 8 GRATE INLET BRICK CONSTRUCTION

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