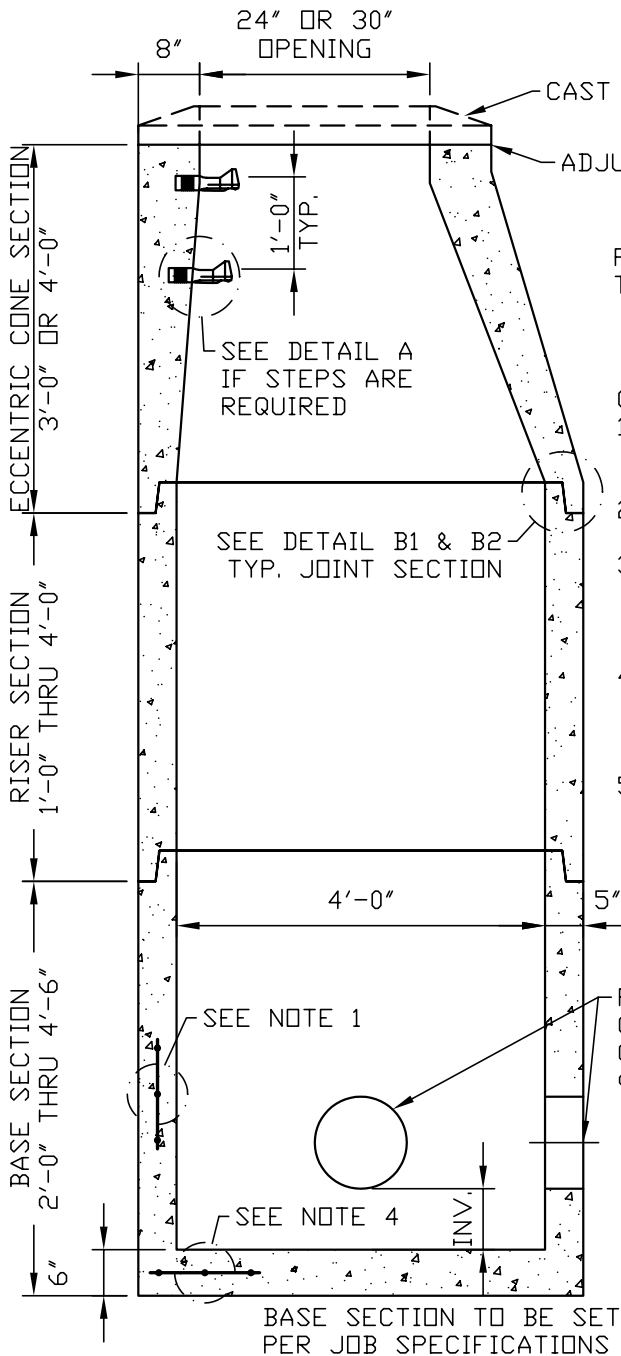


NOTE: STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP CONFORMS TO LATEST ASTM C478

NOTE: BUTYL RUBBER SECTION JOINT CONFORMS TO LATEST ASTM C443 SPEC. AND FED SPEC. SS-S-210A

NOTE: OPENING SIZES ARE 24" ROUND, 30" ROUND, 24" SQUARE AND 24"x36" DOUBLE



CAST IRON FRAME AND COVER BY OTHERS
ADJUST TO GRADE AS REQUIRED

PRECAST MANHOLE IS DESIGNED TO MEET OR EXCEED HS25 LOADING

GENERAL NOTES:

1. REINFORCING STEEL CONFORMS TO LATEST ASTM A185 OR A82 SPEC.
2. CONCRETE COMPRESSIVE STRENGTH = 4000 psi MIN.
3. MANHOLE DESIGN SPECS CONFORM TO LATEST ASTM C478 SPEC. FOR "PRECAST REINFORCED CONCRETE MANHOLE SECTIONS"
4. ONE POUR MONOLITHIC BASE SECTION REINFORCED TO MEET OR EXCEED HS25 LOADING AND SUPERIMPOSED DEAD LOAD
5. COATING AS PER SPECIFICATION IF REQUIRED

PIPE TO MANHOLE CONNECTION DETAILS C1, C2 & C3 (SIZE TO SUIT)

BASE SECTION TO BE SET PER JOB SPECIFICATIONS

PIPE TO MANHOLE CONNECTIONS	POLYPROPYLENE	STEP		A
	BUTYL RUBBER	SECTION JOINT		B1
	BUTYL RUBBER	SECTION JOINT		B2
PIPE TO MANHOLE CONNECTIONS	MORTAR	PIPE SIZE		C1
	FLEXIBLE SLEEVE	PIPE SIZE		C2
	COMPRESSION GASKET [CAST - IN]	PIPE SIZE		C3

TYPICAL 4'Ø SEWER MANHOLE

CONTRACTOR:

Contract No.

ENGINEER:

Date

JOB:

Drawing No.

MH4-SM

LOCATION:

Revision



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