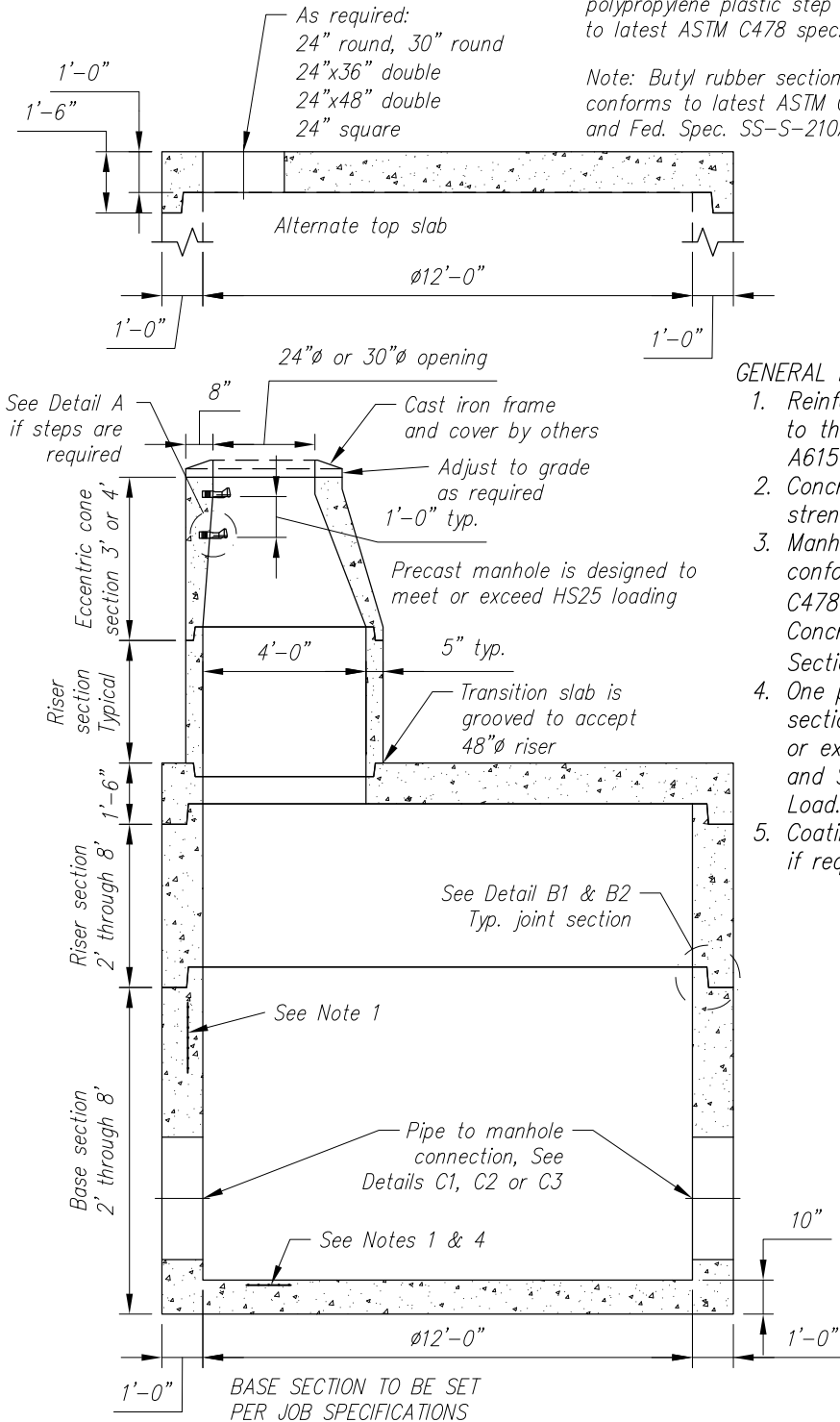


Note: Steel reinforced copolymer polypropylene plastic step conforms to latest ASTM C478 spec.

Note: Butyl rubber section joint conforms to latest ASTM C443 spec and Fed. Spec. SS-S-210A



GENERAL NOTES:

1. Reinforcing steel conforms to the latest ASTM A185, A615 or A82 spec.
2. Concrete compressive strength 4,000 psi min.
3. Manhole design specs conform to latest ASTM C478 "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 CONNECTIONS		STEP	A
POLYPROPYLENE	MANHOLE		
MORTAR	SECTION JOINT		B1
BUTYL RUBBER	SECTION JOINT		B2
BY CONTRACTOR			C1
MORTAR	PIPE SIZE		
FLEXIBLE SLEEVE			C2
PIPE SIZE			
COMPRESSION GASKET [CAST - IN]			C3
PIPE SIZE			

TYPICAL 12'Ø SANITARY MANHOLE

CONTRACTOR:

Contract No.

ENGINEER:

Date

JOB:

Drawing No.

LOCATION:

MH12-SM

Revision



Concrete Systems Inc.
9 Commercial St., Hudson, NH, 03051
Phone 603-889-4163
Fax 603-889-2417