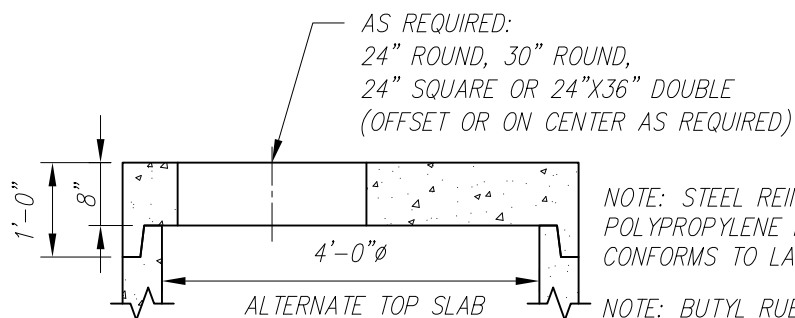


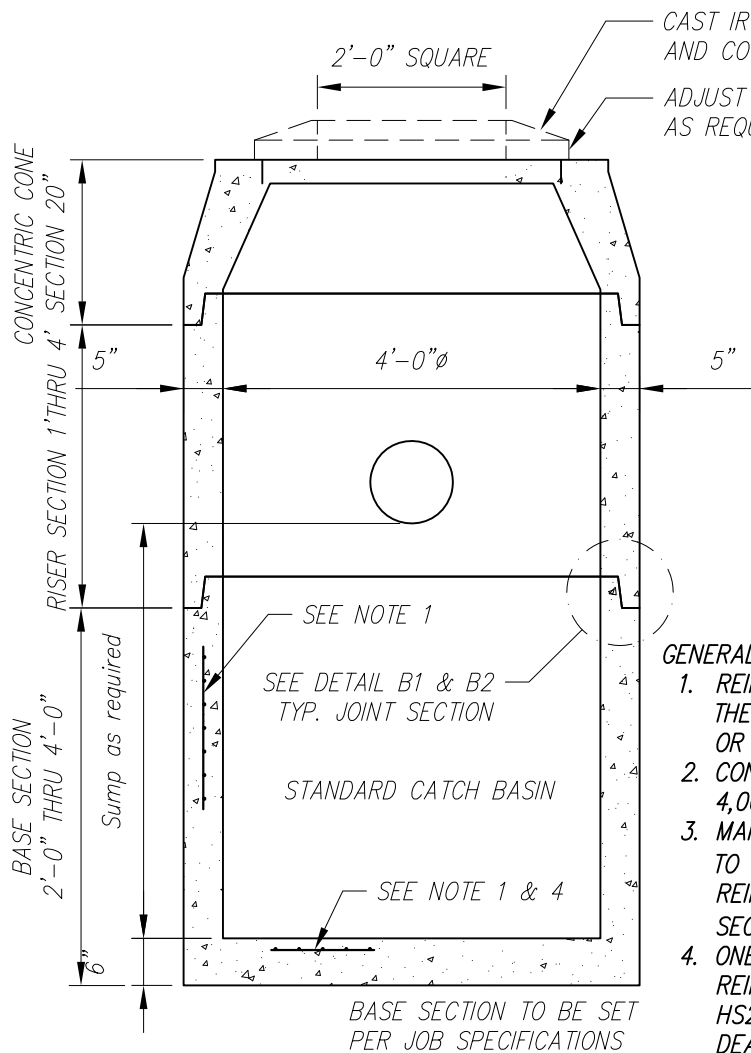


NOTE: STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP CONFORMS TO LATEST ASTM C478 SPEC.

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

PRECAST MANHOLE IS DESIGNED TO MEET OR EXCEED HS25 LOADING

NOTE: SEE DETAIL A IF STEPS ARE REQUIRED



GENERAL NOTES:

1. REINFORCING STEEL CONFORMS TO THE LATEST ASTM A1064, 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.

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

TYPICAL 4'Ø CATCH BASIN

CONTRACTOR:

Contract No.

ENGINEER:

Date

JOB:

Drawing No.

LOCATION:

MH4-CB
Revision



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