NOTE: FOR MANHOLES WITH A HEIGHT OF LESS THAN 10 FT, THE TOP CONE MAY BE REPLACED WITH A TOP SLAB. 24" or 30" DIA. 24" or 36" 12"

SPECIFICATIONS:

-THE CONCRETE IS DESIGNED TO OBTAIN A STRENGTH OF 4,000 PSI IN 28 DAYS.

-THE REINFORCING STEEL HAS A YIELD STRENGTH OF 60,000 PSI.

THE MANHOLE IS DESIGNED TO MEET THE

REQUIREMENTS OF ASTM C-478, "PRECAST REINFORCED CONCRETE MANHOLE SECTIONS." -THE REINFORCED CONCRETE STRUCTURE IS DESIGNED TO WITHSTAND AASHTO HS-20

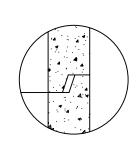
LIVE LOAD CONDITIONS (DESIGN OF HATCH AND/OR FRAME AND COVER BY OTHERS).

-THE REINFORCED BASE SLAB IS DESIGNED
FOR A MAXIMUM DEPTH OF 30 FT

(DEPTH = F.G. TO TOP OF BASE SLAB). -THE REINFORCED CONCRETE REDUCING SLAB IS DESIGNED FOR A MAXIMUM EARTH COVER OF 10 FT (EARTH COVER = F.G. TO TOP

OF REDUCING SLAB).

-THE OPTIONAL A-LOK STORM GASKET IS DESIGNED TO MEET THE REQUIREMENTS OF ASTM C-1478, "STORM DRAIN RESILIENT CONNECTORS BETWEEN REINFORCED CONCRETE STORM SEWER STRUCTURES, PIPES, AND LATERALS."



OPTIONAL SEAL: BUTYL RUBBER (ASTM C-990)

TYPICAL JOINT SECTION NOT TO SCALE

OPTIONAL CHANNEL: POURED IN FIELD BY CONTR.

REDUCING SLAB

#6@7" BOTHWAYS

REINFORCING PER ASTM C-478 LATEST REVISION

REINFORCING PER ASTM C-478 LATEST REVISION

(84"-TO-48") SEE NOTE

6" SHELF

8"

FRAME & COVER BY CONTR.

ADJUST TO GRADE

AS REQ'D USING GRADE RINGS

FINISH GRADE

POLYPROPYLENE RUNGS, 12" cc, TOP TO BOTTOM



20 degrees

A-LOK (STM) GASKET

SECTION VIEW NOT TO SCALE

84" DIA. -

TOO

1" CLR. -#4@9" BOTHWAYS

3" MIN.

1" CLR. -

10" MIN.

OPTIONAL A-LOK (STM) SECTION NOT TO SCALE



AS REQ'D

24"-96"

12"

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STORM MANHOLE 84" DIA.

8"