

ECCENTRIC FLAT TOP, 8"
TOP THICKNESS, MINIMUM

FOR MANHOLES INSTALLED IN PAVED SURFACE
JIPSD APPROVED MANHOLE FRAME & COVER AS
MANUFACTURED BY, U.S. FOUNDRY & MANUFACTURING
CORP., USF 480 RING AND RA-SSG COVER.

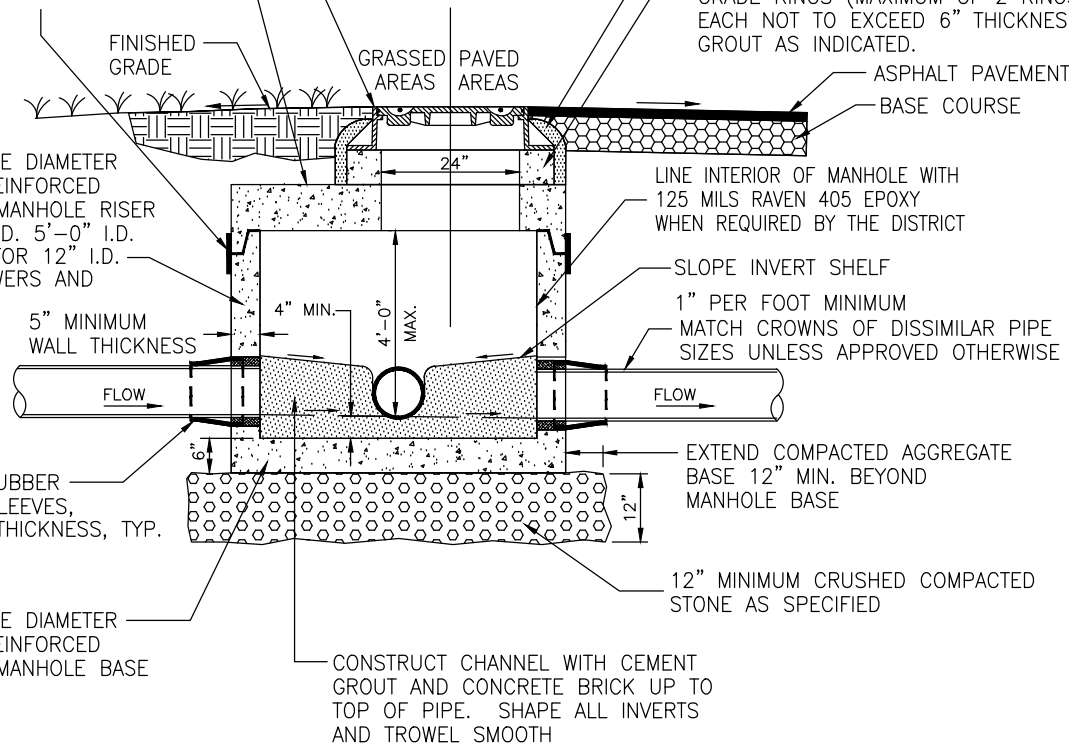
FOR MANHOLES INSTALLED IN GRASSED SURFACE
JIPSD APPROVED MANHOLE FRAME & COVER AS
MANUFACTURED BY, CERTANTEED
PAMREX MODEL 62113 1

O-RING SEAL OR BUTYL RUBBER
SEALANT. COVER EXTERIOR
TONGUE & GROOVE JOINT WITH
12" WIDE BAND OF SEAL WRAP
EXTERIOR JOINT SEALER, BY
MAR-MAC MANUFACTURING COMPANY
OR APPROVED EQUAL.

NOTICE:
NO STEPS ALLOWED

APPLY NON-SHRINK GROUT
AROUND ENTIRE PERIMETER
OF GRADE RINGS AND CASTING
FRAME

ADJUST CASTING TO FINISHED GRADE
USING POURED OR PRECAST CONCRETE
GRADE RINGS (MAXIMUM OF 2 RINGS,
EACH NOT TO EXCEED 6" THICKNESS).
GROUT AS INDICATED.



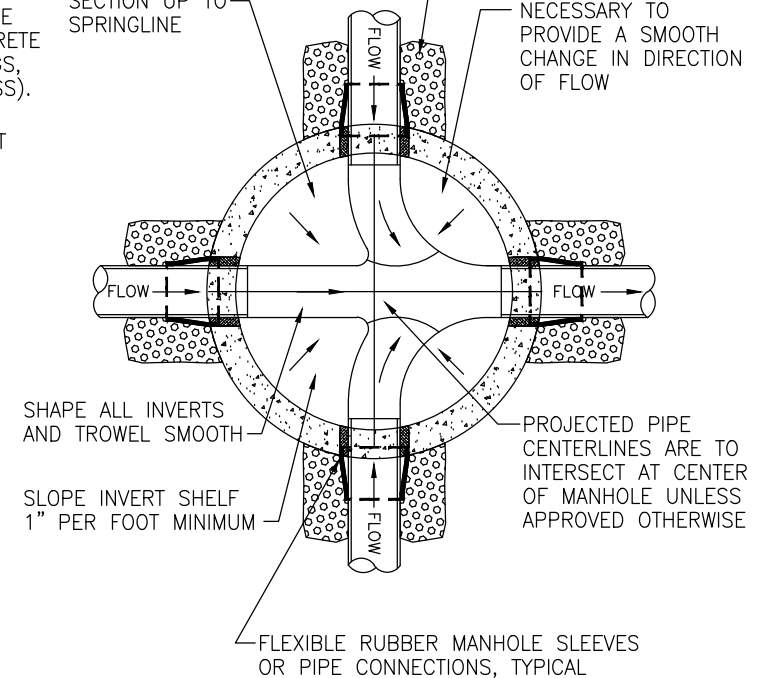
ELEVATION VIEW

NOTICE:
SEE DISTRICT STANDARDS,
SECTION 6C FOR ADDITIONAL
REQUIREMENTS

CONSTRUCT CHANNEL WITH
CONCRETE (GROUT FILLED
BRICKWORK SIDES).
CHANNEL SHALL CONFORM
TO FULL PIPE CROSS-
SECTION UP TO
SPRINGLINE

MECHANICALLY COMPACTED
GRANULAR MATERIAL
AS SPECIFIED

RADII SHALL BE NO
LARGER THAN
NECESSARY TO
PROVIDE A SMOOTH
CHANGE IN DIRECTION
OF FLOW



PLAN VIEW

JAMES ISLAND PUBLIC SERVICE DISTRICT

FLAT TOP MANHOLE
(SHALLOW MANHOLE)

DRAWING:

8

DATE: 05/24/16

DRAWN BY: GRG & ASSOC., INC

SCALE: NTS

APPROVED BY: DJH