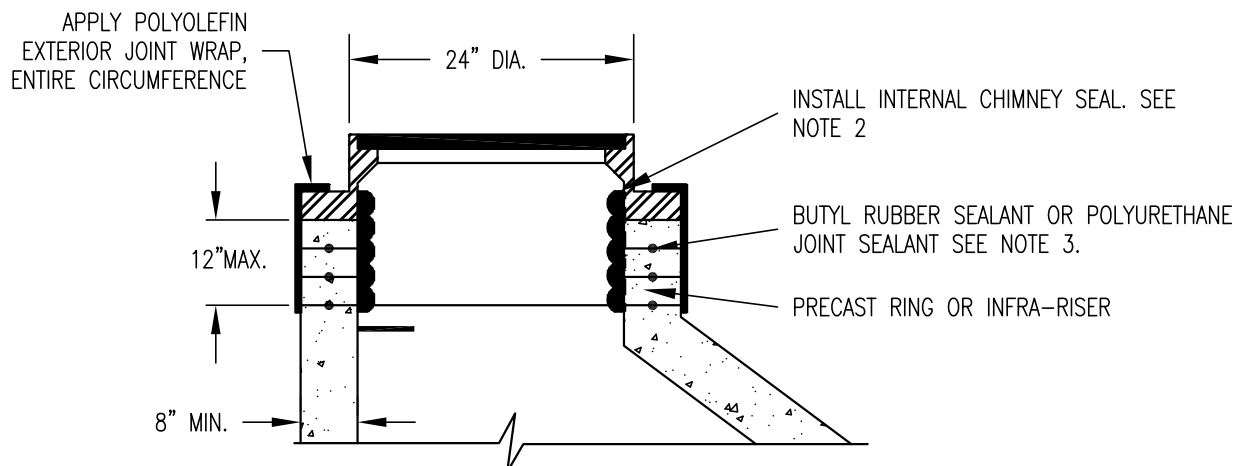




THIS DETAIL APPLIES FOR ECCENTRIC CONE SECTIONS OR PRECAST FLAT SLAB TOPS.

NOTES:

- 1) MIN. HEIGHT 6" – ANY COMBINATION OF PRECAST RINGS, OR EAST JORDAN RUBBER COMPOSITE "INFRA-RISER(S)".
MAX. HEIGHT 12" – ANY COMBINATION OF PRECAST RINGS. (FOR HEIGHTS LESS THAN OR EQUAL TO 3", "INFRA-RISER(S)" (OR EQUAL SHALL BE USED).
- 2) INSTALL INTERIOR AND EXTERIOR SEALING SYSTEM FOR COMPLETE COVERAGE FROM 3" BELOW TOP OF CONE TO TOP OF FRAME CASTING BASE IN ACCORDANCE WITH PRODUCT MANUFACTURER'S INSTRUCTIONS. INTERIOR MECHANICAL CHIMNEY SEAL SHALL BE AS MANUFACTURED BY CRETEX SPECIALTY PRODUCTS, OR APPROVED EQUAL, IN CONFORMANCE WITH ASTM C-923.
 EXTERNAL SEALING SHALL EITHER BE A MECHANICAL RUBBER CHIMNEY SEAL AS MANUFACTURED BY CRETEX SPECIALTY PRODUCTS OR APPROVED EQUAL OR; A POLYOLEFIN BUTYL ADHESIVE POLY WRAP MATERIAL THAT MEETS ASTM C-877. WRAP PRODUCTS SHALL BE EZ WRAP BY PRESS SEAL GASKET CORPORATION, CS-212 BY CONSEAL CONCRETE SEALANTS, INC., OR APPROVED EQUAL.
- 3) APPLY BUTYL RUBBER SEALANT ("JOINT ROPE") CONSEAL CS102 OR APPROVED EQUAL AT CONCRETE JOINTS & BETWEEN PRECAST RINGS & CASTING FRAME. OVERLAP ENDS 6". FOLLOW MANUFACTURERS' INSTALLATION INSTRUCTIONS FOR SEALANT OF INFRA-RISERS USING POLYURETHANE JOINT SEALANT/ADHESIVE.
- 4) IN THE INSTANCES OF MANHOLES ENTIRELY LINED FROM THE INVERT TO MANHOLE FRAME WITH AN APPROVED MATERIAL PER DEPARTMENT SPECIFICATIONS ITEM 16X, NO ADDITIONAL SEALING AS DESCRIBED ABOVE, IS REQUIRED OVER GRADE RINGS.

NO SCALE

APR'D 03/22

REVISION	DATE	BY
INTERNAL CHIMNEY SEAL	9/01/22	KMM

STARK COUNTY
SANITARY ENGINEERING DEPT.

DETAIL DWG.NO. 12
ITEM NO. 16

MANHOLE GRADE
ADJUSTMENT DETAIL