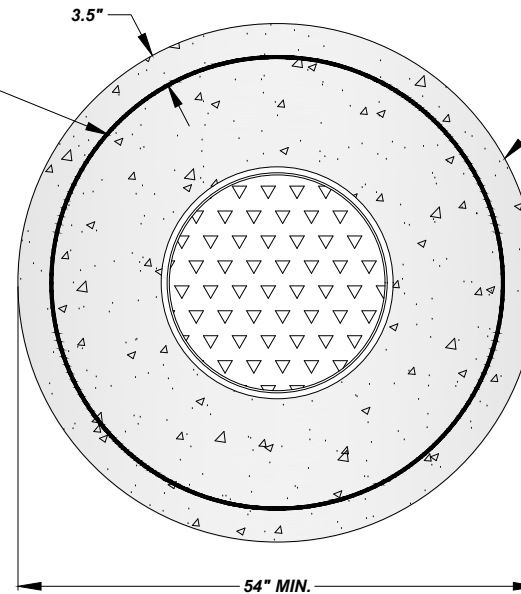


No. 3 EPOXY COATED PRE-FORMED REBAR, THE CIRCULAR SHAPED REBARS SHALL HAVE A MIN. 6" OVERLAP

LIMIT OF PAVEMENT REMOVAL, USE MR. MANHOLE OR SIMILAR MECHANICAL MEETS TO CUT ASPHALT PAVEMENT

CHIMNEY LINER SPECIFICATIONS:

1. MADE FROM POLYVINYL CHLORIDE COMPOUNDS WHICH COMPLY WITH THE REQUIREMENTS FOR A MINIMUM CELL CLASSIFICATION OF 12364 AS DEFINED BY ASTM D-1784
2. MINIMUM PIPE STIFFNESS SHALL BE 46 PSI WHEN TESTED IN ACCORDANCE WITH ASTM D-2412
3. NO VISUAL CRACKING OR SPLITTING OF THE WATERWAY WALL SHALL BE EVIDENCED WHEN TESTED IN ACCORDANCE WITH ASTM D-2444 WITH A 20 LB. WEIGHT, TUP B, FLAT PLATE HOLDER B TO A LEVEL OF 220 FT. LBS.
4. THERE SHALL BE NO SIGN OF FLAKING OR DISINTEGRATION WHEN IMMERSSED IN ANHYDROUS ACETONE FOR 20 MINUTES AS DESCRIBED IN ASTM D-2152
5. THERE SHALL BE NO EVIDENCE OF CRACKING OR SPLITTING WHEN PIPE IS FLATTENED IN A CIRCUMFERENTIAL ORIENTATION BETWEEN TWO FLAT PLATES BY SIXTY PERCENT (60%) OF THE ORIGINAL DIAMETER
6. EACH LENGTH OF PIPE SHALL PASS A FACTORY 3.5 PSI AIR TEST AS DESCRIBED IN ASTM F-1803



PLAN VIEW

CENTER CHIMNEY LINER AND CASTING ON STRUCTURE OPENING

No. 3 EPOXY COATED REBAR

MAXIMUM 12" OF ADJUSTMENT, CHIMNEY LINER SHALL BE VYLON PIPE OR APPROVED EQUAL

WATERSTOP ALONG BOTTOM JOINT WITH STRUCTURE
WATER STOP SHALL BE CONSTRUCTED OF SWELLSTOP 3/8" X 3/4" CONTROLLED EXPANSION WATERSTOP OR EQUIVALENT

APPLY A LIBERAL AMOUNT OF WHITE MR. MANHOLE SEALANT, MM 306 OR APPROVED EQUAL TO THE BOTTOM AND TOP OF THE CHIMNEY LINER TO PROVIDE A WATER TIGHT SEAL

INSTALL CASTING AND CONCRETE 1/4" BELOW FINISH PAVEMENT

CLASS 'A' CONCRETE, 4,000 PSI. INSTALL CASTING AND CONCRETE 1/4" BELOW FINISHED PAVEMENT. APPLY BLACK OR GRAY COLOR TO WET SURFACE OF CONCRETE

MIN. 3" OF No. 53 CRUSHED/RECYCLED CONCRETE, COMPACTED

RESETTING MANHOLE CASTING W/ CHIMNEY LINER

NOT TO SCALE

The City Of Goshen
Department of Public Works & Safety
Office of Engineering

204 East Jefferson, Suite 1 Street, Goshen, Indiana 46528
Phone: 574-534-2201 Fax: 574-533-8626
Web: goshenindiana.org

Date Approved By The City Of Goshen Board Of Public Works & Safety and Approved Revisions

03/27/2025

CITY OF GOSHEN, INDIANA
STANDARD DETAIL

Drafted By: J. Hoffman
Approved By: D. Sailor, P.E.

Drawing Number:
SW-111