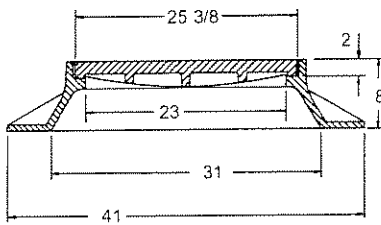
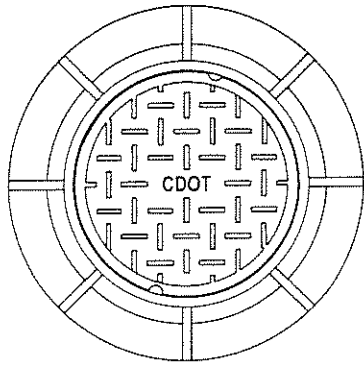


State of Connecticut

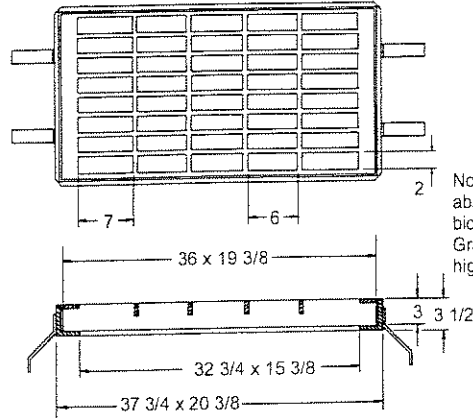
DEPARTMENT OF TRANSPORTATION

STANDARD SHEET 507A



PATTERN NUMBER 1202

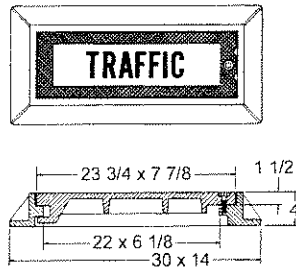
STEEL FRAME & GRATE - STANDARD SHEET 507K



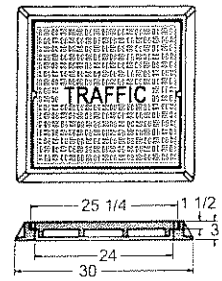
PATTERN NUMBER 2702

Note: Frame also available with Type A Grate for bicycle traffic and Type B Grate for limited access highways and ramps.

TRAFFIC DIVISION

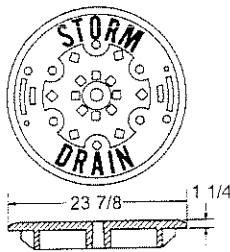


PATTERN NUMBER 9317

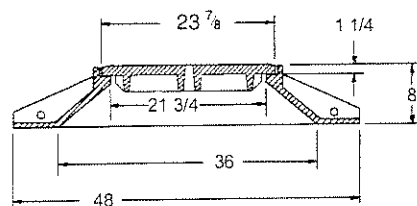
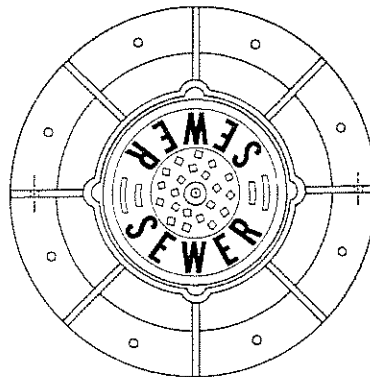


PATTERN NUMBER 2802

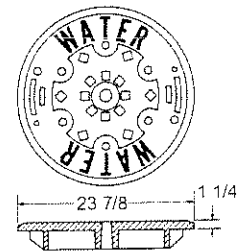
METROPOLITAN DISTRICT COMMISSION



STORM DRAIN COVER
PATTERN NUMBER 1221 5022



PATTERN NUMBER 1221 5012

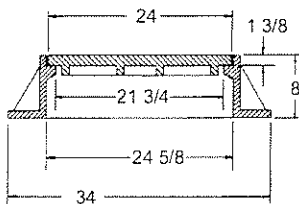
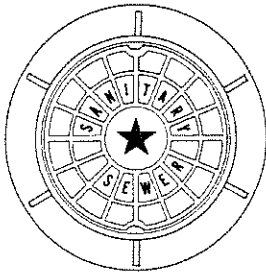


WATER COVER
PATTERN NUMBER 1221 5062



State of Connecticut

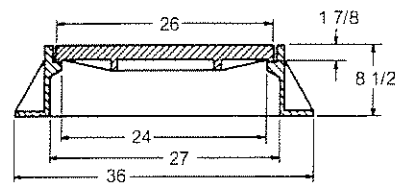
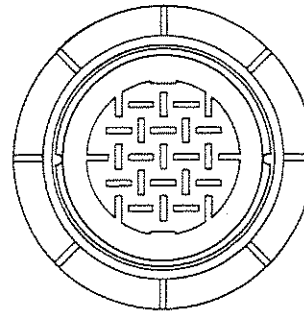
MUNICIPAL STANDARDS



ANSONIA
BEACON FALLS
BRANFORD
DARIEN
DERBY
ENFIELD
MONROE

NAUGATUCK
NO. BRANFORD
NORWALK
OXFORD
SOUTHINGTON
WESTPORT
WOODBIDGE

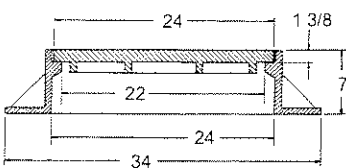
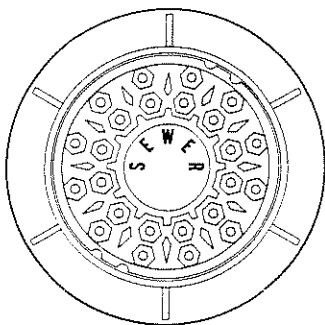
PATTERN NUMBER 1007



BEACON FALLS
DANBURY
LITCHFIELD
MIDDLEBURY
NORTH HAVEN
PORTLAND

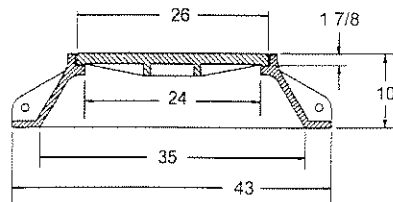
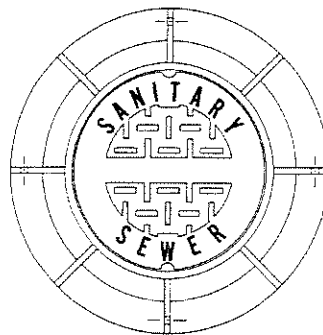
RIDGEFIELD
STAFFORD
THOMASTON
TRUMBULL
WOLCOTT

PATTERN NUMBER 1047



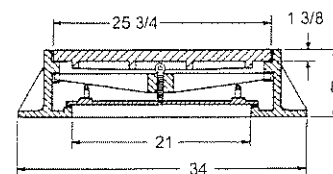
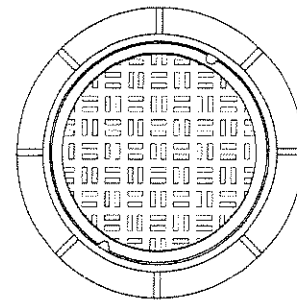
CHESHIRE
CONNECTICUT D.E.P.
ELLINGTON
MILFORD
SOUTHINGTON
WALLINGFORD
WILLIMANTIC

PATTERN NUMBER 1032



BEACON FALLS
DERBY
MYSTIC
PLYMOUTH
SHELTON
STONINGTON

PATTERN NUMBER 1222



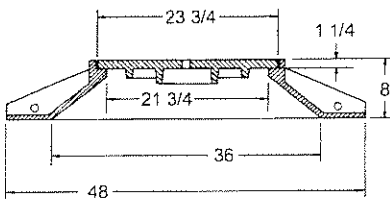
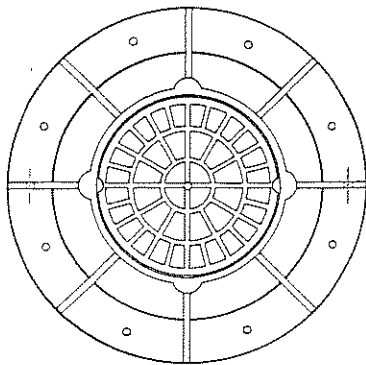
BRANFORD
EAST HAVEN
GROTON
MILFORD
STRATFORD
WATERFORD
WEST HAVEN

PATTERN NUMBER 6540



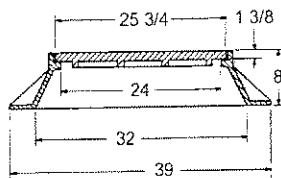
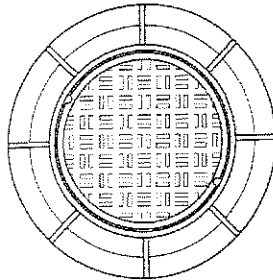
State of Connecticut

MUNICIPAL STANDARDS



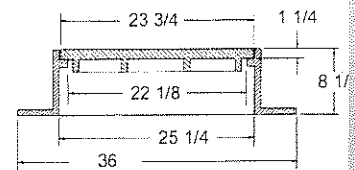
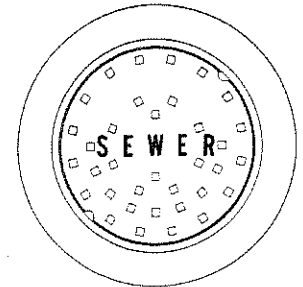
AVON
BERLIN
BLOOMFIELD
CANTON
COLCHESTER
CROMWELL
EAST HAMPTON
FARMINGTON
GLASTONBURY
GRANBY
HARTFORD
JEWETT CITY
MERIDEN
MIDDLETOWN
NEWINGTON
NORTH BRANFORD
OXFORD
PLAINVILLE
PORTLAND
ROCKY HILL
SIMSBURY
SOUTH WINDSOR
WINCHESTER
WINDSOR
WINSTED

PATTERN NUMBER 1221



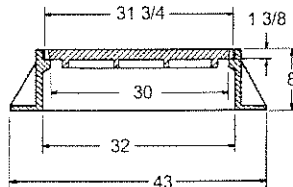
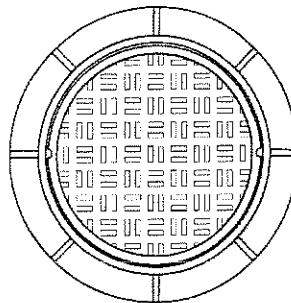
BROOKFIELD
DEEP RIVER
JEWETT CITY
ORANGE
PLYMOUTH

PATTERN NUMBER 1203



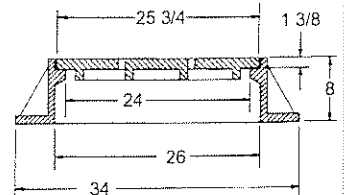
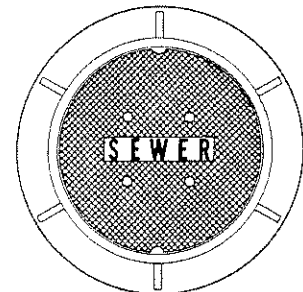
MANCHESTER
SEYMOUR
STAMFORD
WATERBURY
WINDHAM
WINDSOR LOCKS

PATTERN NUMBER 1027



EAST LYME
MONTVILLE
NIANTIC
SUFFIELD

PATTERN NUMBER 1012

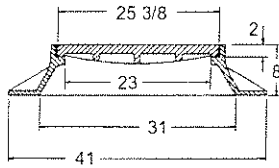
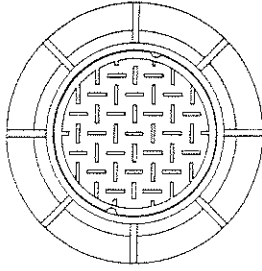


GROTON
HARWINTON
JEWETT CITY
MYSTIC
TORRINGTON
WATERFORD

PATTERN NUMBER 1009

State of Connecticut

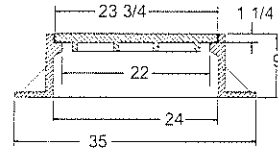
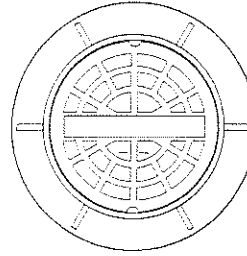
MUNICIPAL STANDARDS



DARIEN
ENFIELD
GLASTONBURY
GROTON
HARWINTON
LEDYARD
NEW LONDON
RIDGEFIELD

SHELTON
THOMASTON
WATERFORD
WATERTOWN
WESTPORT
WILTON
WOLCOTT
WOODBIDGE

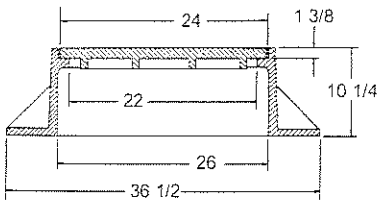
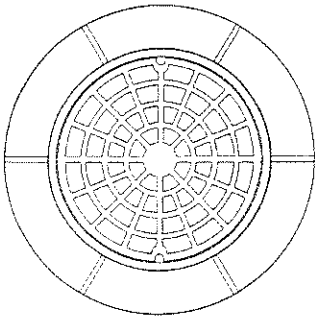
PATTERN NUMBER 1202



BETHEL
EAST HAVEN
FAIRFIELD
HAMDEN
KILLINGLY

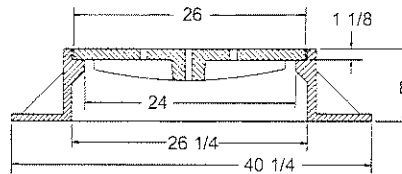
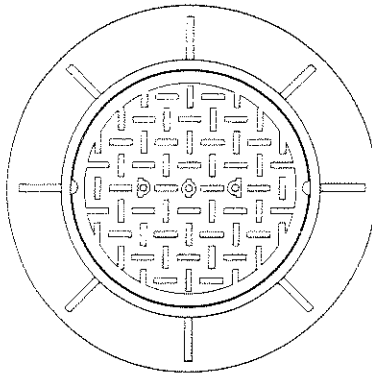
MIDDLETOWN
PLAINVILLE
STRATFORD
WALLINGFORD
WEST HAVEN

PATTERN NUMBER 1049



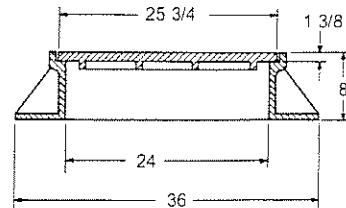
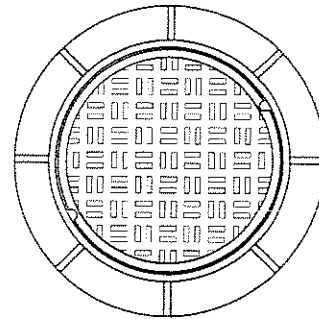
BRISTOL
NEW BRITAIN

PATTERN NUMBER 1008



BRIDGEPORT

PATTERN NUMBER 6009



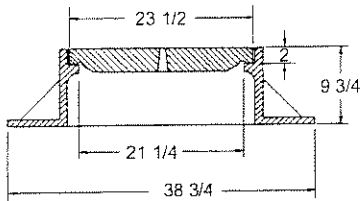
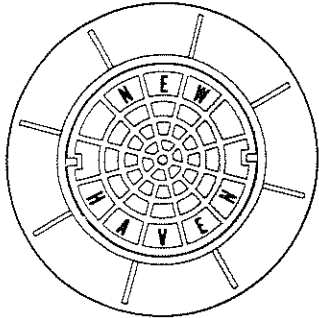
DEEP RIVER
NEW MILFORD
TORRINGTON

PATTERN NUMBER 1104



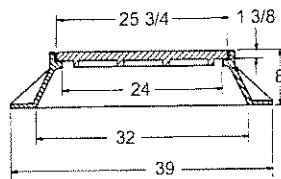
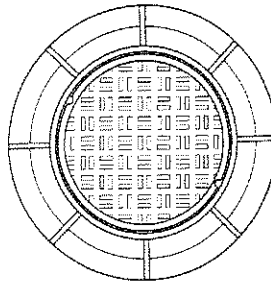
State of Connecticut

MUNICIPAL STANDARDS



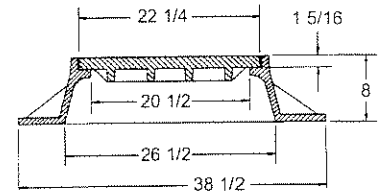
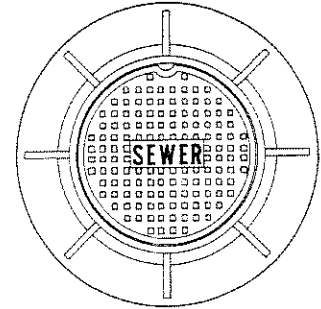
NEW HAVEN

PATTERN NUMBER 9005



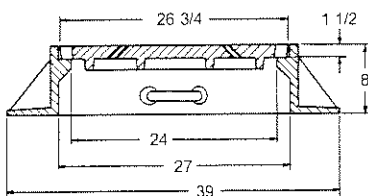
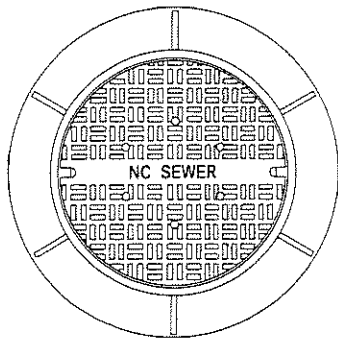
VERNON

PATTERN NUMBER 1203



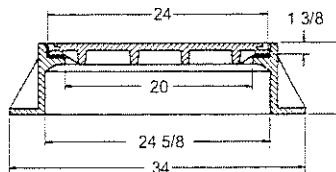
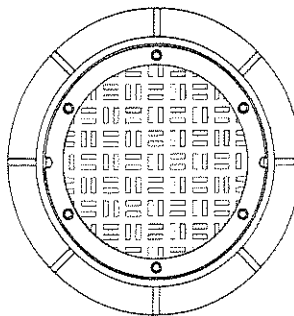
GREENWICH

PATTERN NUMBER 1200



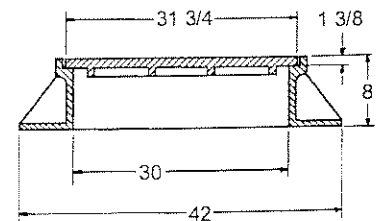
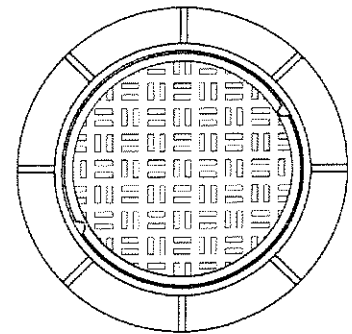
NEW CANAAN

PATTERN NUMBER 1041



WATERTIGHT
Lettering as Required

PATTERN NUMBER 1032



SUFFIELD

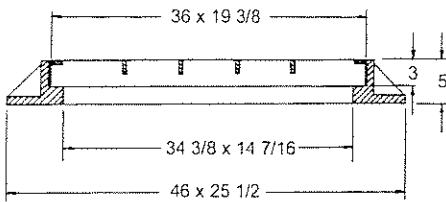
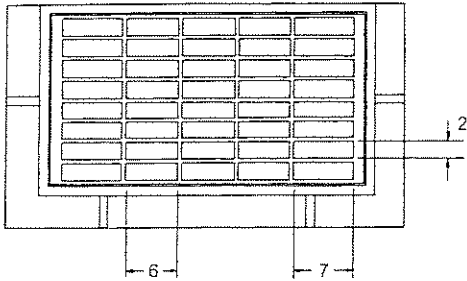
PATTERN NUMBER 1107



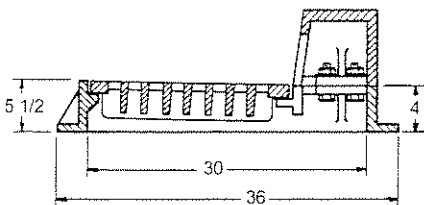
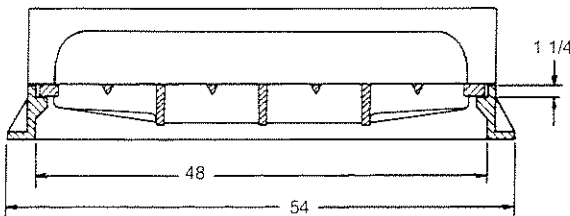
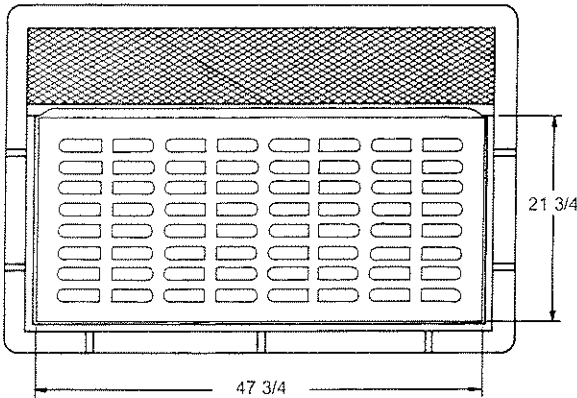
State of Connecticut

MUNICIPAL STANDARDS

CAST IRON FRAME & STEEL GRATE



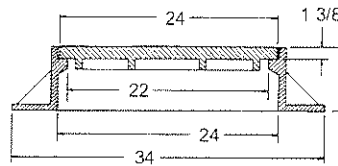
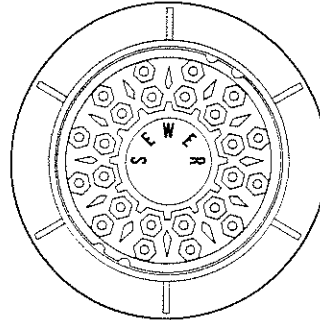
PATTERN NUMBER 2702



PATTERN NUMBER 2617

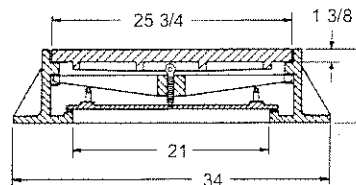
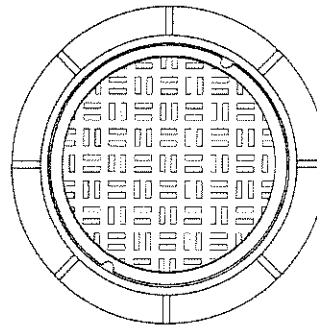
Metcalfe and Eddy

STANDARD MANHOLE



PATTERN NUMBER 1032

SEALED MANHOLE



PATTERN NUMBER 6540

- All castings supplied with:
1. 1/4 inch flat neoprene gasket
 2. Steel lock bar
 3. Silicon bronze eye bolt

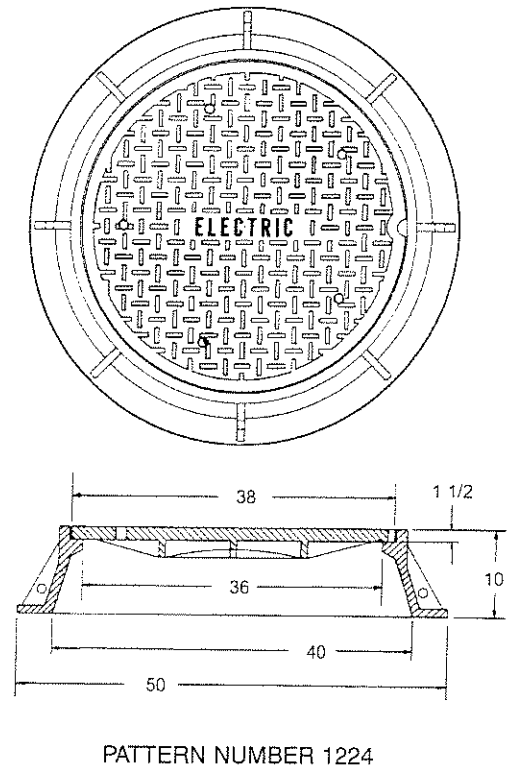
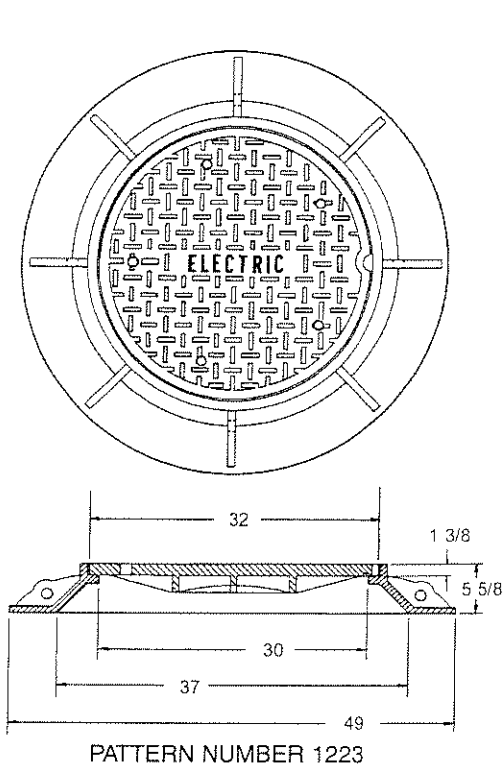
Note: A security saddle plate can be furnished when specified. When the eye bolt is padlocked the saddle plate prevents any further turning of the eye bolt. Only authorized personnel have access to the manhole.

Note: When ordering, specify 6" or 8" curb height



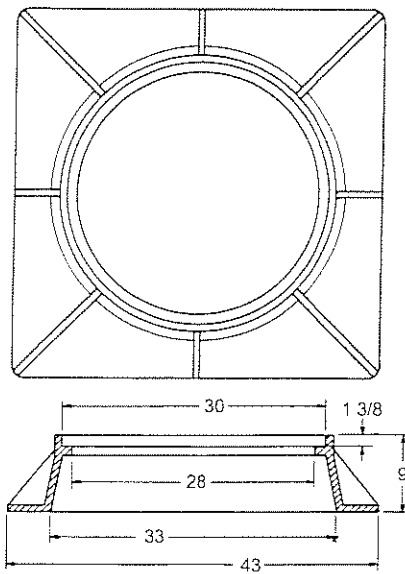
State of Connecticut

NORTHEAST UTILITIES

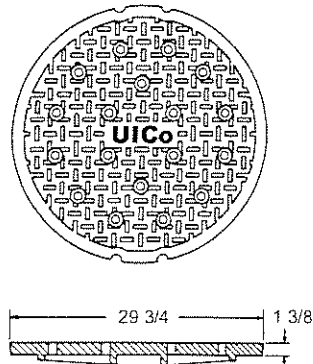


UNITED ILLUMINATING COMPANY

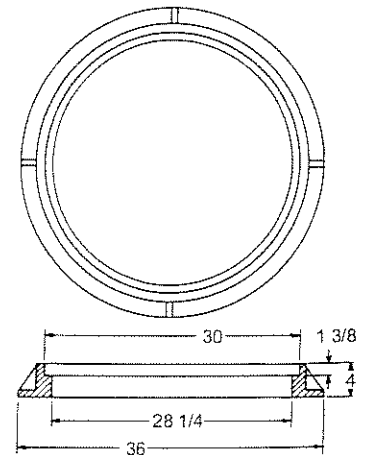
U.I.C. NUMBER 934X



U.I.C. NUMBER 935X

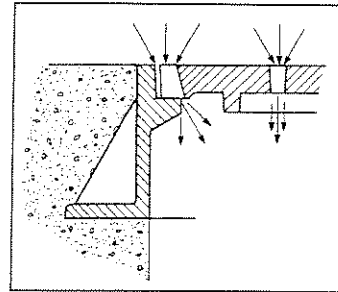
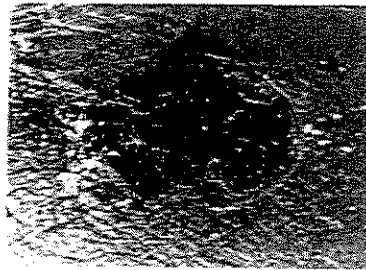


U.I.C. NUMBER 933X



“Flow-Seal[®]” Manhole Covers

INFLOW THROUGH MANHOLE COVERS



The Solution:

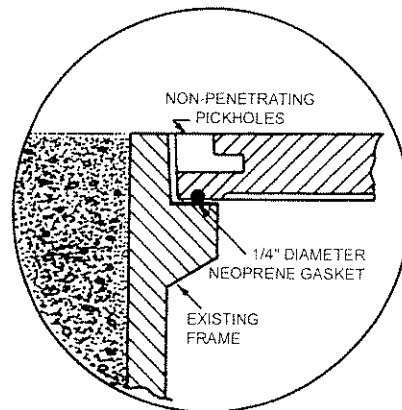
CAMPBELL FOUNDRY “FLOW-SEAL[®]” MANHOLE COVERS SIGNIFICANTLY REDUCE SURFACE WATER FLOW

Many manhole covers in service today allow large volumes of unwanted storm water to flow into the sanitary system. As evidenced in the illustrations above, storm water can and does penetrate at the cover's pickholes, vent holes and at the bearing seat of the frame. This water cannot be separated and must be treated at the sewerage treatment plant. This becomes a very costly process.

Tests conducted at our Foundry prove conclusively that “Flow-Seal” covers substantially reduce the inflow of water as compared to covers of standard design. A comprehensive report explaining test procedures and results is available upon request.

“Flow-Seal” Covers have two basic features:

1. Non-Penetrating pickholes
2. A 1/4" diameter neoprene gasket (ASTM D2000 BC 608) fitted into a machined groove on the underside of the manhole cover.



ORDERING PROCEDURE

New Construction

“Flow-Seal” manhole covers are available for the majority of manhole frames shown in this catalog. Specify Pattern Number for the manhole frame and cover selected with notation that “Flow-Seal” covers are required.

Replacement Covers

Specify Pattern Number for cover being replaced, if available. Also, include complete cover dimensions - C, CC, & X (See Figure 1). CAUTION - Existing frame seat, dimension W, must be a minimum of one (1) inch in width for “Flow-Seal” cover to properly seal. (See Figure 2).

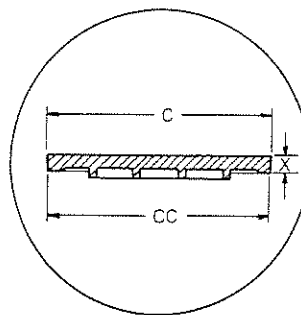


FIGURE 1

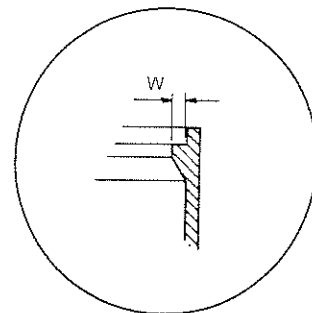


FIGURE 2

