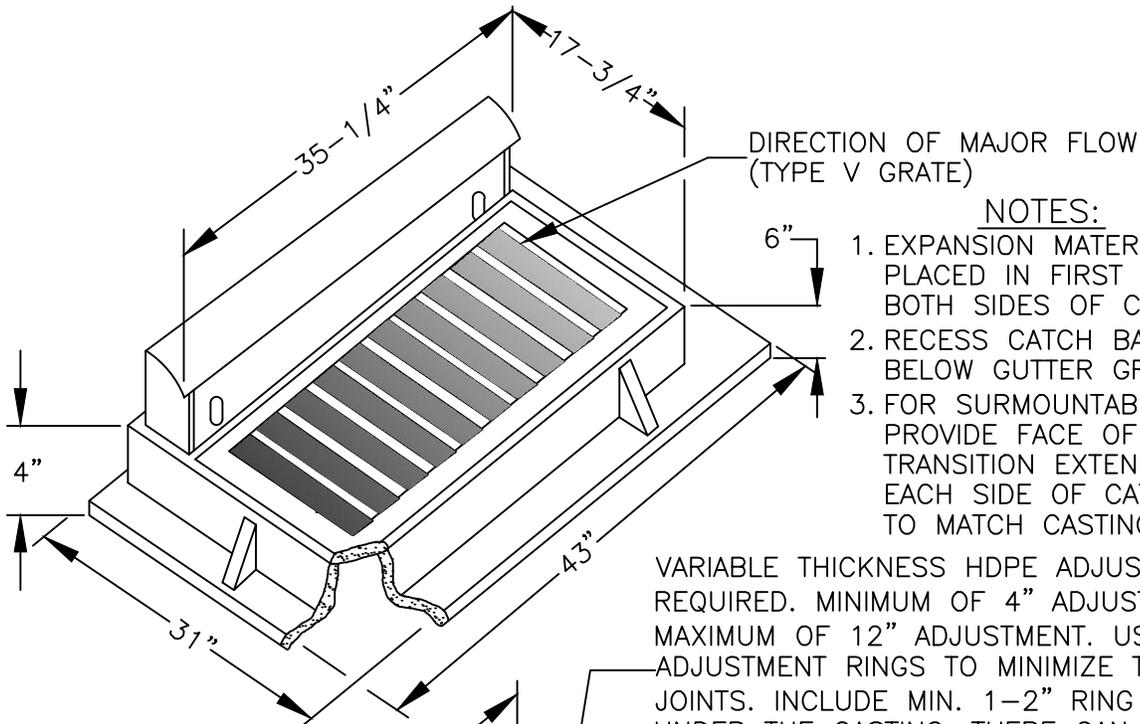


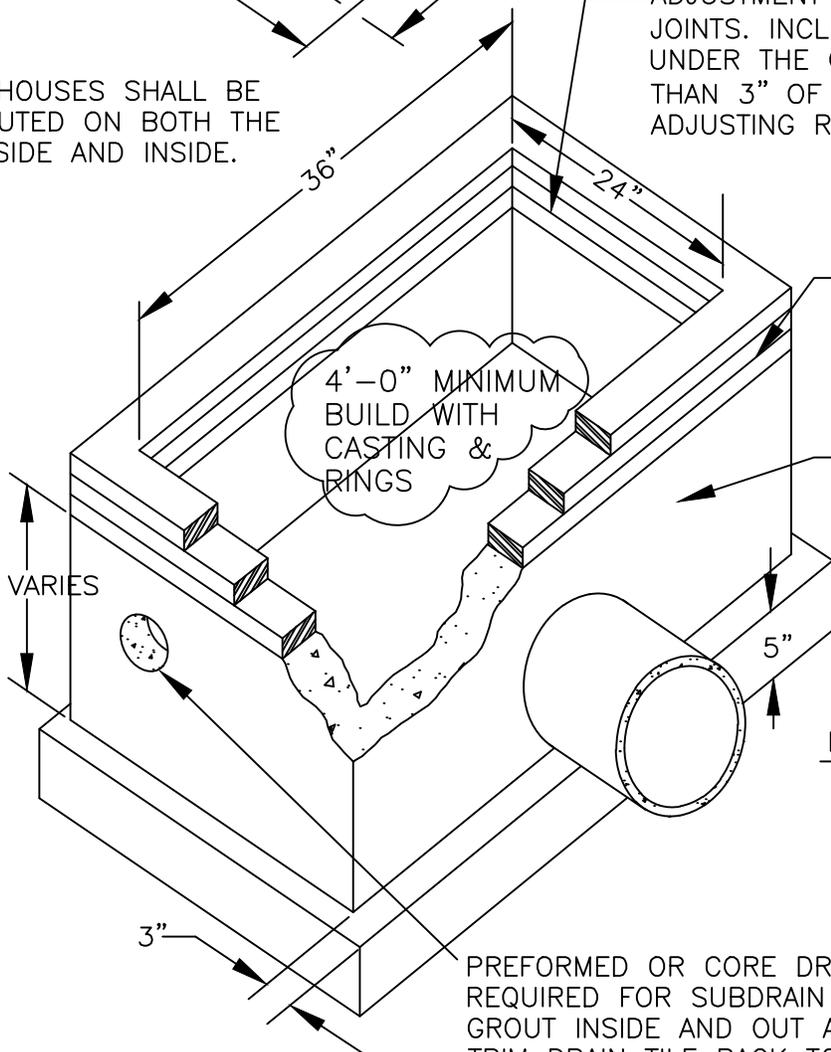
INSTALL NEENAH CASTING NO. R-3067-V (IN GRADE CB)
AND R-3067-VB (LOW POINT)



- NOTES:**
1. EXPANSION MATERIAL TO BE PLACED IN FIRST CURB JOINT, BOTH SIDES OF CATCH BASIN.
 2. RECESS CATCH BASINS 1" BELOW GUTTER GRADE LINE.
 3. FOR SURMOUNTABLE CURB, PROVIDE FACE OF CURB TRANSITION EXTENDING 10' ON EACH SIDE OF CATCH BASIN TO MATCH CASTING.

VARIABLE THICKNESS HDPE ADJUSTING RINGS AS REQUIRED. MINIMUM OF 4" ADJUSTMENT AND MAXIMUM OF 12" ADJUSTMENT. USE LARGER ADJUSTMENT RINGS TO MINIMIZE THE NUMBER OF JOINTS. INCLUDE MIN. 1-2" RING IMMEDIATELY UNDER THE CASTING. THERE CAN BE NO MORE THAN 3" OF OFFSET IN ANY DIRECTION IN THE ADJUSTING RING PLACEMENT.

DOGHOUSES SHALL BE GROUTED ON BOTH THE OUTSIDE AND INSIDE.



APPLY POLYURETHANE SEALANT BETWEEN THE FIRST RING AND THE STRUCTURE AND BETWEEN THE UPPER RING AND THE CASTING. DON'T APPLY SEALANT TO THE MIDDLE JOINTS. WRAP THE OUTSIDE OF THE RINGS WITH A NON-WOVEN GEOTEXTILE FABRIC.

5" THICK 2'x3' PRECAST REINFORCED CONCRETE

IF STRUCTURE BASE IS LESS THAN 48" BELOW FINISHED GRADE, PLACE GRANULAR MATERIAL UNDER STRUCTURE, FOR A MINIMUM OF 48" BELOW FINISHED GRADE.

NOTE:

USE 4 FOOT DIAMETER CATCH BASIN MANHOLE WHEN DEPTH EXCEEDS 4.5 FEET. SEE PLATE NO. ST-1 OR ST-6.

PREFORMED OR CORE DRILLED HOLES REQUIRED FOR SUBDRAIN CONNECTIONS. GROUT INSIDE AND OUT AROUND SUBDRAIN. TRIM DRAIN TILE BACK TO WALL.



STANDARD DETAILS
CATCH BASIN (MAX. DEPTH 4.5')
CITY OF PLYMOUTH

PUBLISHED
3-25

CITY PL. NO.
ST-2
REVISED 1-21