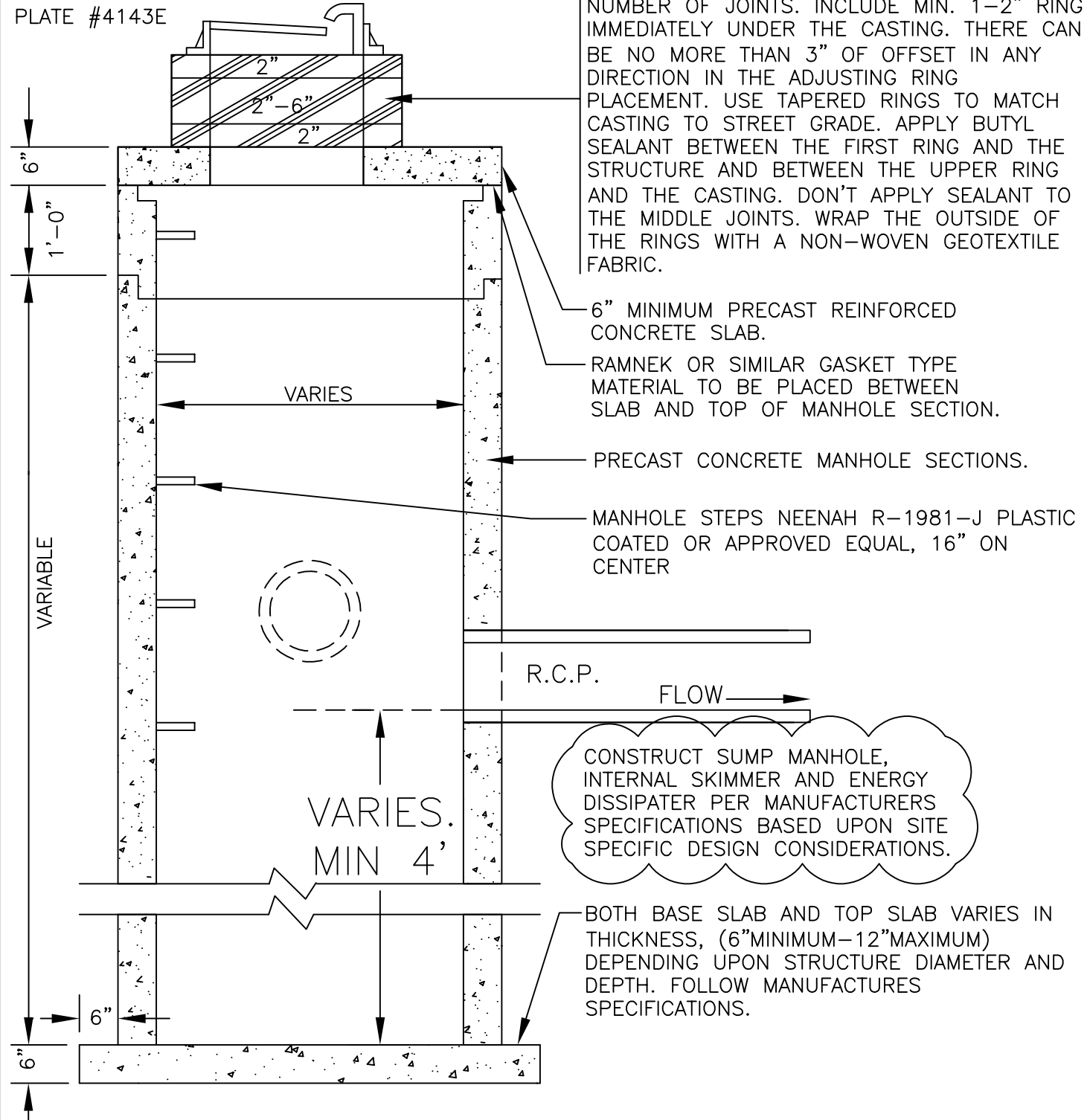


NOTE: 24"x36" SLAB OPENING FOR NEENAH R-3067-V CASTING AND GRATE. OTHER POTENTIALLY ACCEPTABLE CATCH BASIN CASTINGS DEPENDING UPON THE CIRCUMSTANCES AND SUBJECT TO CITY APPROVAL ARE:

NEENAH R-2561-A BEEHIVE GRATE & CASTING  
 NEENAH R-2573 CONCAVE GRATE & CASTING  
 NEENAH R-2577 CONVEX GRATE & CASTING  
 NEENAH R-3250-1 GRATE & CASTING  
 NEENAH R-3290-A FOR CROSS GUTTERS  
 NEENAH R-3501-TR & TL FOR SURMOUNTABLE CURB  
 NEENAH R-4342 WITH CONCRETE MNDOT FRAME PLATE #4143E

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. USE TAPERED RINGS TO MATCH CASTING TO STREET GRADE. APPLY BUTYL 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.



STANDARD DETAILS  
 SUMP CATCH BASIN MANHOLE  
 CITY OF PLYMOUTH

PUBLISHED  
 1-20

CITY PL. NO.  
 ST-11  
 REVISED 1-20