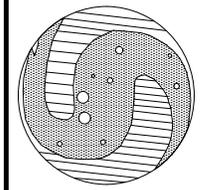
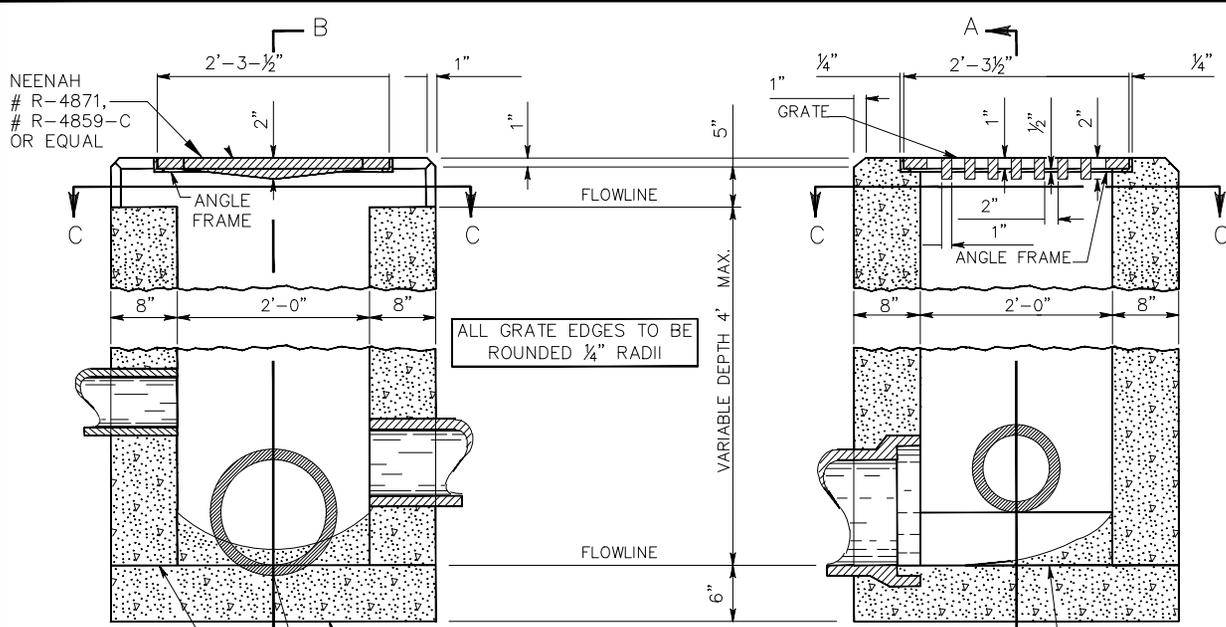


REVISION	
BY	
DATE	

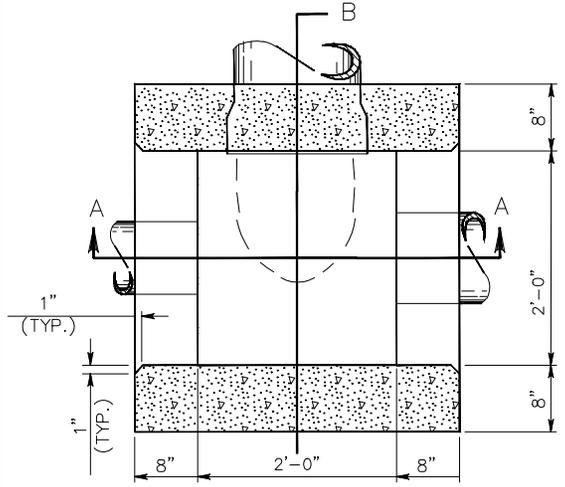


SANITATION DISTRICT NO. 1
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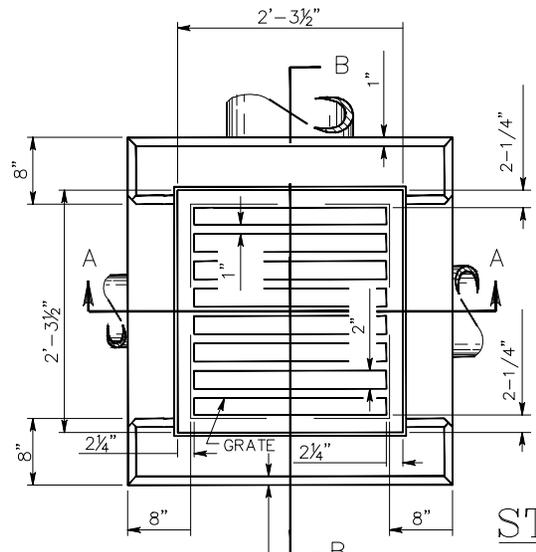
DATE: SEPTEMBER 2018
 STANDARD DRAWING NO: STM-07



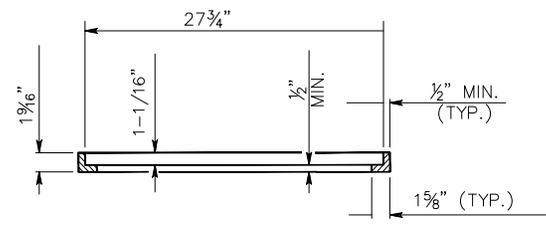
PERMISSIBLE CONST. JOINT
 BOTTOM SLAB MAY BE PRECAST SEPARATELY AND THE OUTLET PIPE PLACED ON TOP OF IT WITH THE BOTTOM SHAPED TO DRAIN.



SECTION C-C



PLAN



SECTION THRU ANGLE FRAME

STANDARD YARD DRAIN
(12"-21" OUTLET PIPE)
(STM-07)
 N.T.S.

NOTES

CATCH BASIN IS NOT INTENDED FOR TRAFFIC BEARING APPLICATIONS

GRATE AND FRAME: SEE SPECIFICATION SECTION 05540.

WALLS: CAST-IN-PLACE WALLS HAVE A NOMINAL THICKNESS OF 8". PRECAST WALLS SHALL HAVE A MINIMUM THICKNESS OF 6" AND BE REINFORCED SUFFICIENTLY TO PERMIT SHIPPING AND HANDLING WITHOUT DAMAGE. CONCRETE SHALL MEET REQUIREMENTS OF SD1'S SPECIFICATIONS.

PRECAST BASE: IT SHALL BE SET DEEP ENOUGH SO THAT THE TOP CAN BE PLACED ON THE BASE TO PROVIDE THE GRATE ELEVATION SPECIFIED IN THE PLANS. GRADE ADJUSTMENT SHALL BE MADE PER SD1'S SPECIFICATIONS.

LOCATION AND ELEVATION: WHEN GIVEN ON THE PLANS, LOCATION AND ELEVATION ARE AT THE TOP CENTER OF THE GRATE.

MINIMUM DEPTH: THE MINIMUM DEPTH SHALL BE THE OUTSIDE DIAMETER (O.D.) OF THE OUTLET PIPE PLUS 7".

OPENINGS: PIPE OPENINGS SHALL BE THE O.D. OF THE PIPE BEING SUPPLIED PLUS 3" WHEN FABRICATED OR FIELD CUT. THE INTERSTITIAL SPACE SHALL BE FILLED WITH GROUT.

SIDE INLETS: INLETS SHALL BE PROVIDED ON BOTH SIDES OF THE CATCH BASIN IN SAGS AND ON UPSTREAM SIDE ONLY WHERE THE DITCH HAS A CONTINUOUS DOWN GRADE PAST THE CATCH BASIN. SIDE INLETS SHALL NOT BE USED WITHIN THE CLEAR ZONE. THE FLOW LINE SHOULD BE 4" TO 6" BELOW THE NORMAL ELEVATION OF THE DITCH FLOW LINE, RETURNING TO NORMAL WITHIN 10' TO 15' OF THE BASIN.

(REFERENCE -ODOT CB 1.1 {2-2A} AND KENTON COUNTY SUB. DETAIL C-22 {2-2-S})