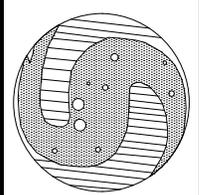
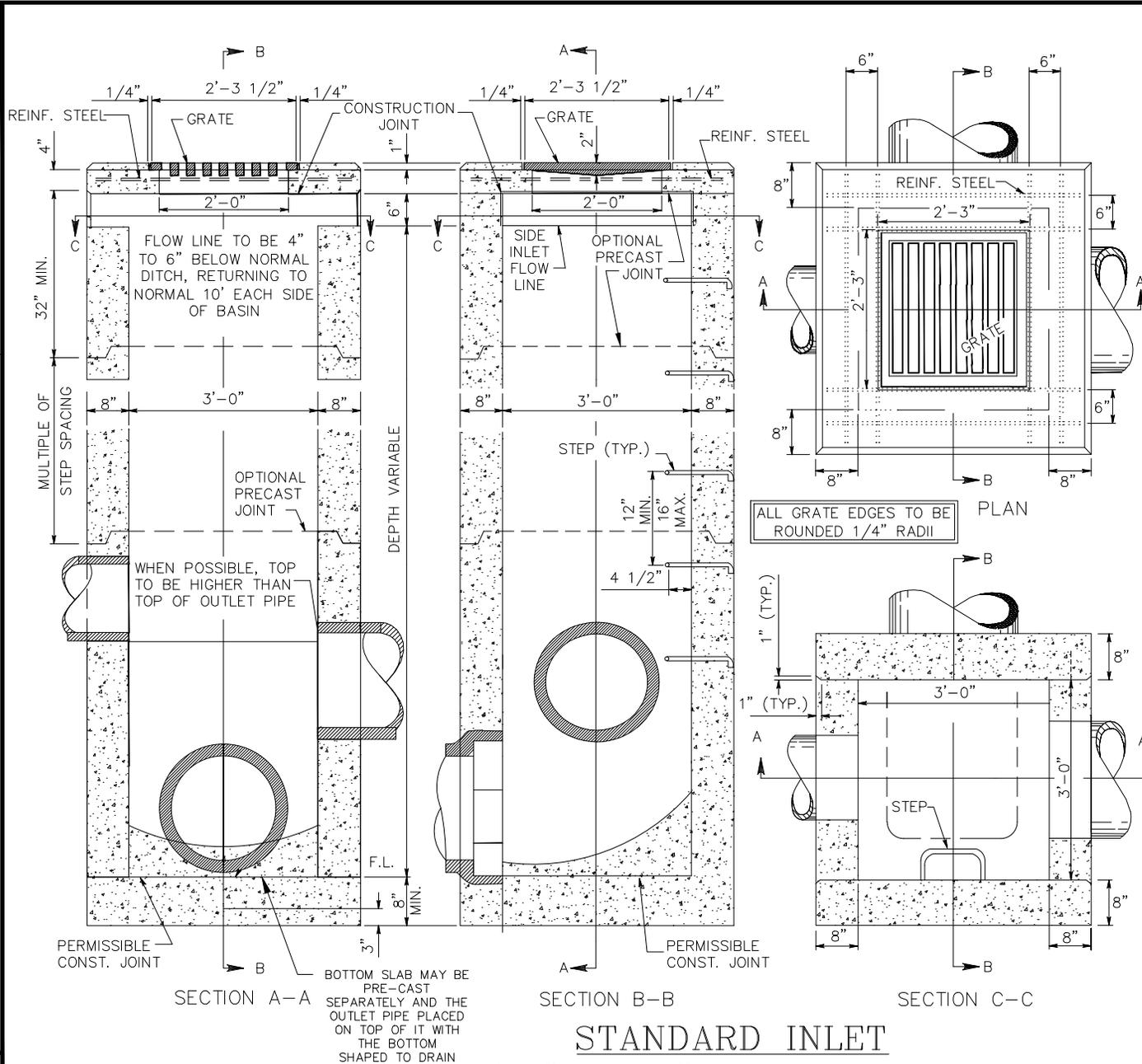


REVISION	
BY	
DATE	



SANITATION DISTRICT NO. 1
 1045 Eaton Drive
 FT. Wright, Kentucky 41017
 Ph: (859) 578-7460
 Fax: (859) 331-2436

DATE: SEPTEMBER 2018
 STANDARD DRAWING NO.: STM-08



STANDARD INLET
(12" - 33" OUTLET PIPE)
(STM-08)
 N.T.S.
 (REFERENCE -ODOT CB 1.2 - {2-3})

KNOCKOUT PANELS: IF STRUCTURES WITH KNOCK OUT PANELS ARE USED AT DEPTHS GREATER THAN 6' STRUCTURAL CALCULATIONS MUST BE SUPPLIED

- NOTES -
GRATES: SEE SD1 SPECIFICATION SECTION 05540.

WALLS: CAST-IN-PLACE WALLS SHALL 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.

REINFORCEMENT: REINFORCING IN THE TOP IS TO BE #4 BARS SPACED AT 6" CENTER TO CENTER. USE EIGHT BARS.

INLETS OVER 12 FEET IN DEPTH: SHALL BE PRECAST OR CAST-IN PLACE CONCRETE; REINFORCED WITH #4 BARS ON 12" CENTERS BOTH VERTICALLY AND HORIZONTALLY WITH 2" CLEARANCE FROM INSIDE WALL FACE.

PRECAST BASE: IF A PRECAST BASE IS USED, 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 ADJUSTMENTS SHALL BE MADE PER SD1'S SPECIFICATIONS. CONCRETE SHALL MEET REQUIREMENTS OF SD1'S SPECIFICATIONS.

LOCATION AND ELEVATION: WHEN GIVEN ON THE PLANS, THE LOCATION AND THE ELEVATION ARE AT THE TOP CENTER OF THE GRATE. WHEN SIDE OPENINGS ARE PROVIDED, THE ELEVATION SHALL BE AT THE FLOW LINE OF THE SIDE INLET.

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 PREFABRICATED OR FIELD CUT. THE INTERSTITIAL SPACE SHALL BE FILLED WITH GROUT.

SIDE INLETS: SHALL BE PROVIDED ONLY WHEN SPECIFIED ON THE PLANS.

STEPS: STEPS SHALL BE PROVIDED WHERE THE DEPTH EXCEEDS 4' AND SHALL MEET THE REQUIREMENTS OF SD1'S SPECIFICATIONS.

BENCHING: BENCHING SHALL BE REQUIRED IN ALL STRUCTURES AND SHALL MEET THE REQUIREMENTS OF SD1'S SPECIFICATIONS.