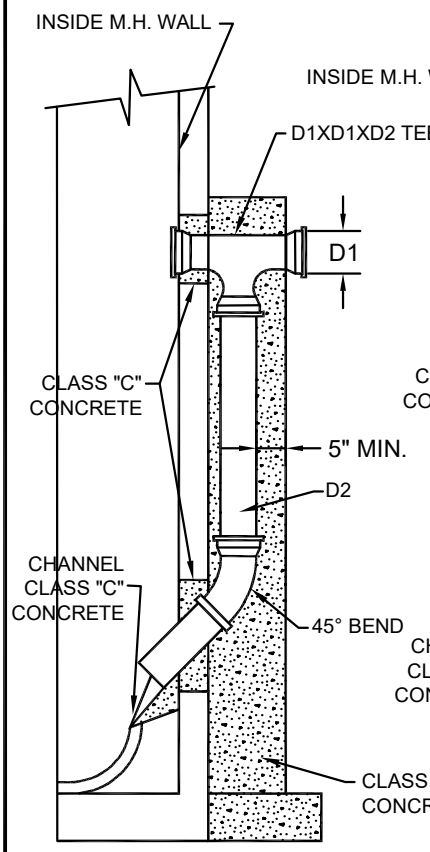
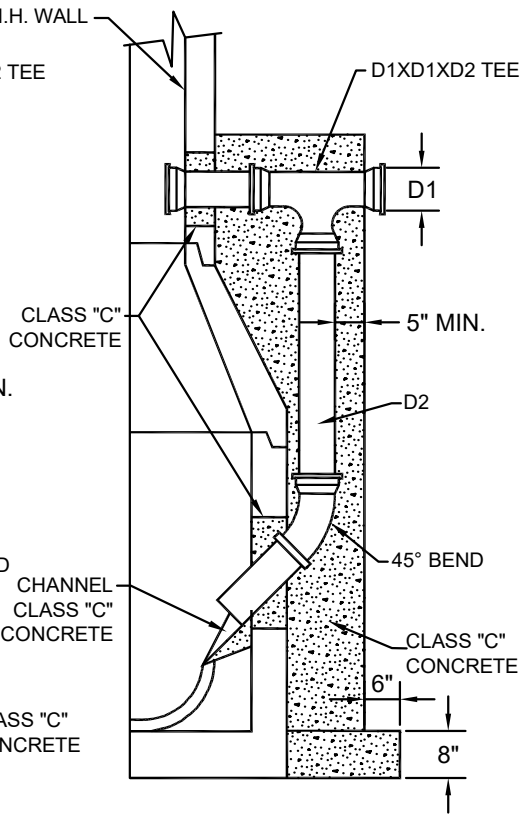
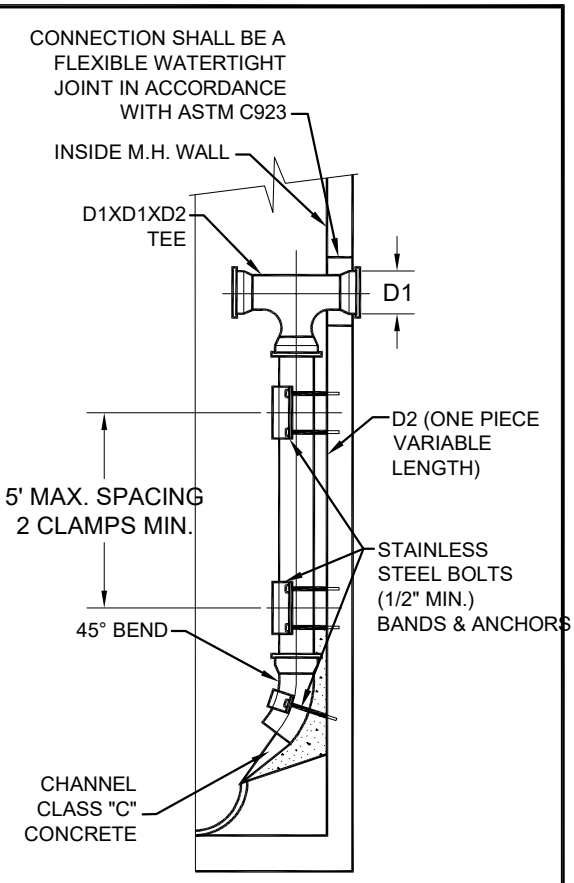


OUTSIDE DROP



OUTSIDE DROP



INSIDE DROP

REQUIRED FOR MANHOLES DEEPER THAN 25'

INSIDE DROP MANHOLES REQUIRE PRIOR APPROVAL OF THE CITY ENGINEER

NOTES:

1. DROP IS REQUIRED WHEN INVERT DIFFERENTIAL IS 24" OR GREATER.
2. HEIGHT OF DROP IS TO BE SHOWN ON THE PLANS OR WILL BE DETERMINED AT THE TIME OF CONSTRUCTION.
3. UNLESS OTHERWISE REQUIRED BY THE PLANS AND APPROVED BY THE ENGINEER, AN OUTSIDE DROP WILL BE CONSTRUCTED ON NEW MANHOLES.
4. MATERIALS FOR THE TEE, DROP PIPE, AND BEND SHALL BE OF ONE TYPE AND BE ONE OF THE FOLLOWING: INSIDE DROP: CAST IRON OR PVC. OUTSIDE DROP: CAST IRON, PVC, OR VPC.
5. OUTSIDE DROP PIPES REQUIRE 5" THICK (MINIMUM) CLASS "C" CONCRETE ENCASEMENT ON THREE SIDES OF THE PIPE AND SHALL BE TIED TO THE MANHOLE WALL WITH 5/8" STAINLESS STEEL "U" RODS x 5" LONG @ 12" SPACING.
6. INSIDE DROP MAY BE USED ONLY WITH PRIOR APPROVAL OF THE ENGINEER
7. NUMBER 5 REBAR 12' O.C. REINFORCING IS REQUIRED IN THE CONCRETE SUPPORTING THE OUTSIDE DROP CONDUIT.

PIPE DIAMETER (INCHES)	
D1	D2
8	8
10	8
12	8
15	10
18	10
21	12
24	12

NOT TO SCALE

DATE: MARCH 2023

STANDARD CONSTRUCTION DRAWING

CITY OF marysville
ENGINEERING

INSIDE/OUTSIDE DROP MANHOLE

DRAWING NO.

SAS-10