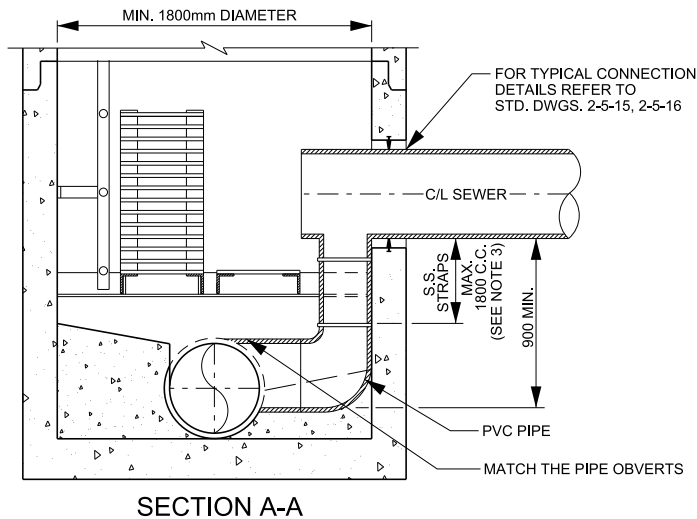


**INTERNAL ASSEMBLY DROP STRUCTURES
ARE TYPICAL FOR CONNECTION OF NEW
INFRASTRUCTURE TO EXISTING SANITARY
SEWER SYSTEMS**



NOTES FOR FLEXIBLE PIPE

1. OBVERT OF DROP PIPE TO MEET THE OBVERT OF THE RECEIVING SEWER.
2. DROP PIPE TO BE ONE SIZE SMALLER THAN THE INCOMING SEWER, MINIMUM SIZE 250mm.
3. STAINLESS STEEL STRAPS WITH SPACERS (45mm), AND MAXIMUM SPACING OF 1800mm.
4. SAFETY PLATFORMS TO BE LOCATED ABOVE DROP STRUCTURE (AS PER STD. DWGS. SECTION 2-6).
5. INTERNAL DROP STRUCTURES PERMITTED WHEN CONNECTIONS TO EXISTING CHAMBERS ARE TO BE PERFORMED AND EXCAVATION TO FULL DEPTH IS PROHIBITIVE, OR AS PER PROJECT DESIGN.
6. ANCHORS TO BE 316 S.S. IN NUMBERS AND SIZES TO MEET LOAD REQUIREMENTS OF DESIGN. ANCHORS MAY HAVE INSERTS PRECAST OR FIELD INSTALLED WITH APPROVAL FROM REGION.

NOTE

1. REFER TO STANDARD DRAWING 2-5-1 FOR GENERAL NOTES PERTAINING TO PRECAST MAINTENANCE HOLES.
2. REFER TO STANDARD DRAWING 2-5-2 FOR TYPICAL INSTALLATION OPTIONS AND REQUIREMENTS AND REFER TO STANDARD DRAWING SECTION 2-5 FOR ALL NEW SANITARY SEWER CONSTRUCTION DETAILS.
3. REFER TO STANDARD DRAWING SECTION 2-6 FOR MAINTENANCE HOLE APPURTENANCES DETAILS.
4. BOTTOM SAFETY LANDING AND LADDER TO BE POSITIONED TO AVOID ANY CONFLICT WITH INTERNAL DROP PIPE. ENSURE ALL HINGED PLATFORMS ARE OPENABLE.



**PUBLIC WORKS
STANDARD DRAWING**

REV. DATE: AUGUST 2020

REVISION NUMBER: 2 FOR REVISION TRACKING REFER TO STD. DWG. 2-0-2

APPROVED BY A.P.	DRAWN BY AINLEY GROUP
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STD. DWG. NUMBER 2-5-27	SCALE N.T.S.
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**NEW SANITARY SEWER CONSTRUCTION
MAINTENANCE HOLE DROP STRUCTURE
INTERNAL ASSEMBLY**