

GENERAL NOTES FOR SANITARY SERVICE CONNECTIONS:

- REFER TO SECTION 2-4 FOR STANDARD DRAWINGS PERTAINING TO SERVICE CONNECTIONS DETAILS.
- REFER TO SECTION 2-5 AND 2-6 FOR STANDARD DRAWINGS PERTAINING TO PRECAST MAINTENANCE HOLE INSTALLATION OPTIONS AND REQUIREMENTS.
- PIPE MATERIALS FOR SERVICE CONNECTIONS WILL BE AS SPECIFIED BY PROJECT ENGINEER.
- SANITARY SEWER CONNECTIONS TO BE LAID TO THE PROPERTY LINE/PROJECT LIMITS AS PER THE SERVICE CONNECTION STANDARDS. THE REGION HAS NO OBJECTION TO THE EXTENSION OF THE SANITARY SEWER BEYOND THE PROPERTY LINE/PROJECT LIMITS INTO THE PRIVATE SIDE. PRIVATE SIDE CONSTRUCTION IS UNDER LOCAL MUNICIPALITY JURISDICTION.
- INDUSTRIAL, COMMERCIAL, INSTITUTIONAL SERVICE CONNECTIONS 250mmØ OR GREATER SHALL BE CONNECTED AT MAIN SEWER WITH A SANITARY MAINTENANCE HOLE CHAMBER IN ADDITION TO THE MAINTENANCE HOLE REQUIREMENT AT PROPERTY LINE. REFER TO SECTION 8 OF THE WASTEWATER LINEAR DESIGN CRITERIA.

SANITARY SERVICE CONNECTION CHART:

| SERVICE TYPE | STD. DWG. | PIPE TYPE | MINIMUM PIPE SIZE | M.H. REQUIRED AT PROPERTY LINE, SUBDIVISION OR DEVELOPMENT LIMITS | COMMENTS |
|---|-----------|-------------------|------------------------------------|---|--|
| RESIDENTIAL GRAVITY SERVICE (SINGLE RESIDENTIAL DWELLING INCLUDING SEMI-DETACHED) | 2-4-2 | FLEXIBLE | 125mmØ | NO | TEST FITTING REQUIRED AT PROPERTY LINE |
| RESIDENTIAL GRAVITY SERVICE (MULTI-RESIDENTIAL UNITS) | 2-4-3 | FLEXIBLE | 150mmØ | YES | SAMPLING MAINTENANCE HOLE REQUIRED AT PRIVATE SIDE CONNECTION (CHAMBER TO BE SIZED ACCORDING TO PIPE SIZE AND SEAL REQUIREMENTS; REFER TO SIZING CHART STD. DWG. 2-5-21) |
| INDUSTRIAL, COMMERCIAL, INSTITUTIONAL GRAVITY SERVICE | 2-4-3 | FLEXIBLE | 150mmØ | YES | SAMPLING MAINTENANCE HOLE REQUIRED AT PRIVATE SIDE CONNECTION (CHAMBER TO BE SIZED ACCORDING TO PIPE SIZE AND SEAL REQUIREMENTS; REFER TO SIZING CHART STD. DWG. 2-5-21) |
| FORCEMAIN FROM GRINDER PUMP TO GRAVITY SERVICE (SINGLE RESIDENTIAL) | 2-4-7A | FLEXIBLE | 125mmØ | YES | INSPECTION CHAMBER, CONTROL VALVE AND CHECK VALVE REQUIRED AT PRIVATE SIDE CONNECTION DISCHARGE MAINTENANCE HOLE SHALL BE LOCATED 1.0m INSIDE PROPERTY LINE |
| FORCEMAIN FROM GRINDER PUMP TO GRAVITY SERVICE (MULTI-RESIDENTIAL OR INDUSTRIAL, COMMERCIAL, INSTITUTIONAL) | 2-4-7B | FLEXIBLE | 150mmØ | YES | INSPECTION CHAMBER, CONTROL VALVE AND CHECK VALVE REQUIRED AT PRIVATE SIDE CONNECTION SAMPLING MAINTENANCE HOLE REQUIRED AT PRIVATE SIDE CONNECTION (CHAMBER TO BE SIZED ACCORDING TO PIPE SIZE AND SEAL REQUIREMENTS; REFER TO SIZING CHART STD. DWG. 2-5-21) |
| LARGE SCALE GREENFIELD OR BROWNFIELD (LARGE SCALE DEVELOPMENT TO EXISTING REGIONAL INFRASTRUCTURE) | 2-4-8 | FLEXIBLE OR RIGID | 150mmØ MIN. (AS SIZED BY ENGINEER) | YES | FLOW MONITORING MAINTENANCE HOLE, UPSTREAM OF CONNECTION TO EXISTING SANITARY SEWER SYSTEM (CHAMBER TO BE SIZED ACCORDING TO PIPE SIZE AND SEAL REQUIREMENTS; REFER TO SIZING CHART STD. DWG. 2-5-21) |

NOTE

- GENERAL NOTES TO BE READ IN CONJUNCTION WITH ALL STANDARD DRAWINGS PERTAINING TO SERVICE CONNECTIONS



PUBLIC WORKS STANDARD DRAWING

REV. DATE: AUGUST 2020

REVISION NUMBER: 1 FOR REVISION TRACKING REFER TO STD. DWG. 2-0-2

APPROVED BY DRAWN BY

A.P. AINLEY GROUP

STD. DWG. NUMBER SCALE

2-4-0 N.T.S.

PERMITTED SANITARY SERVICE CONNECTIONS AND GENERAL NOTES