



Storm Service (75mm) Pipe Shortage – Modified Installation Standard

In recent weeks, the building industry has made City of Calgary Water Resources aware of a material supply shortage for 75mm service pipe.

To address this issue, industry and Water Resources have jointly developed a modified ***Residential Service Installation Standard Sheet #34M*** (attached). To minimize the risk of cross-connection, the following temporary changes shall be applied to the specification:

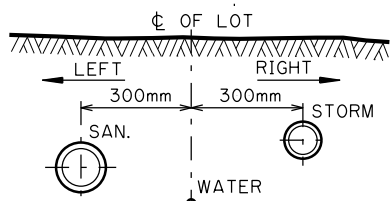
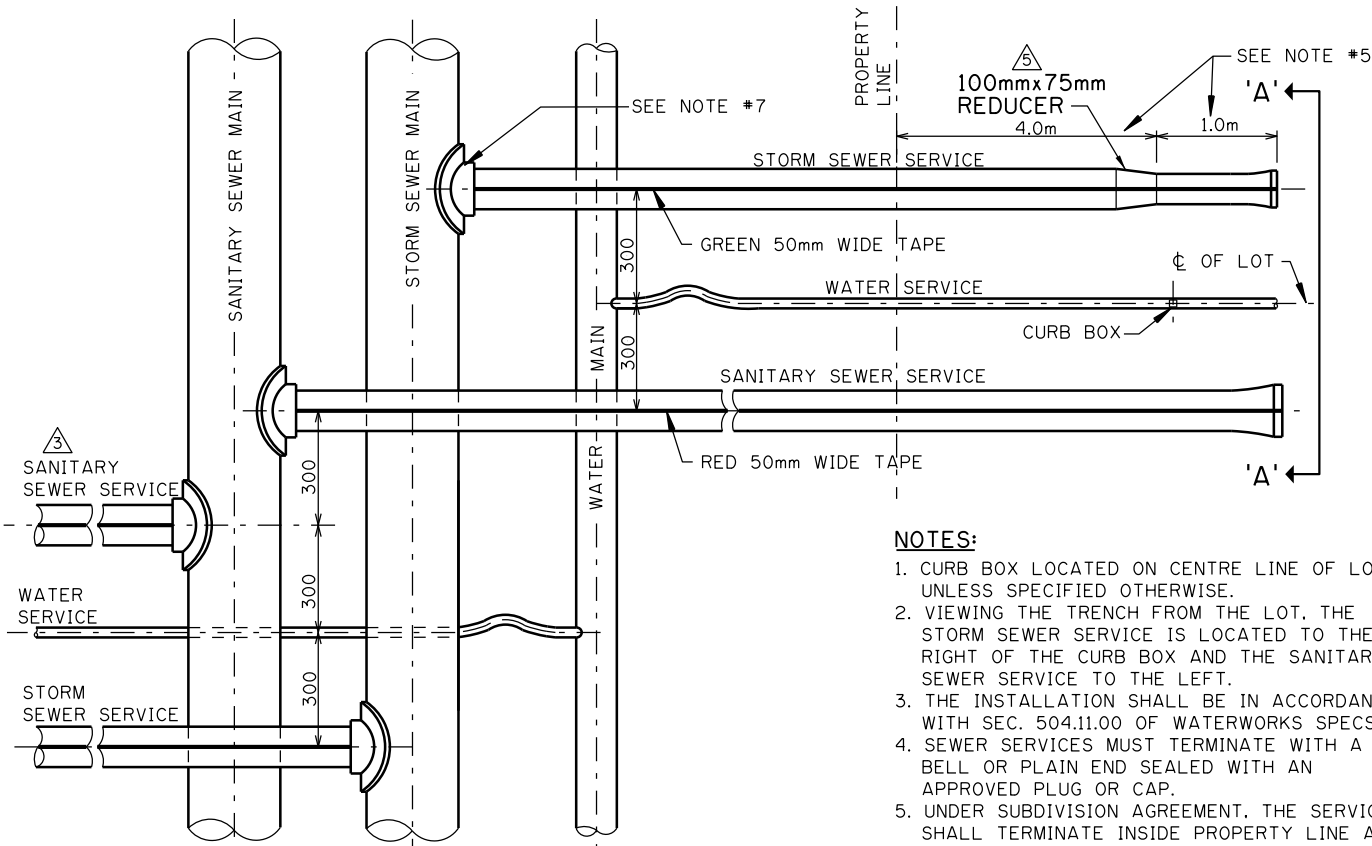
- a) Storm services may be constructed with 100mm from the main to 2.5m or 4.0m past the property line then a 100mm x 75mm reducer shall be installed with a 1m section of 75mm, properly capped or sealed for future tie-in
- b) Services shall continue to be installed in the order described on Note 2 in the attached drawing
- c) Storm service shall be marked by affixing GREEN industrial tape (e.g. all-purpose duct tape, Patco 152 General Purpose Vinyl Tape, or equivalent product) to the top of the pipe for the entire length. The taping shall be a minimum of 50 mm wide and can be made up of multiple passes
- d) Sanitary service shall be marked by affixing RED industrial tape as noted in (c) above, to the top of the pipe for the entire length. The taping shall be a minimum of 50 mm wide and can be made up of multiple passes
- e) Consultant inspector to record marking tape color in field notes and on builder grade slips released to builders to identify what colour correlates to what service.

This bulletin is effective immediately and will expire on December 31, 2021.

For projects that have already utilized the interim solution of ribbon and distance identification, this process will be utilized through to the completion of the phase to ensure consistency. Understanding the specified distance into the lot varies (i.e. 3.5m and 5.0m), consultants are asked to note this and the color coding clearly in the builder's grade slips issued to home builders.

For further information, please contact May Cayanan at may.cayanan@calgary.ca or Tyler Johnson at tyler.johnson2@calgary.ca.

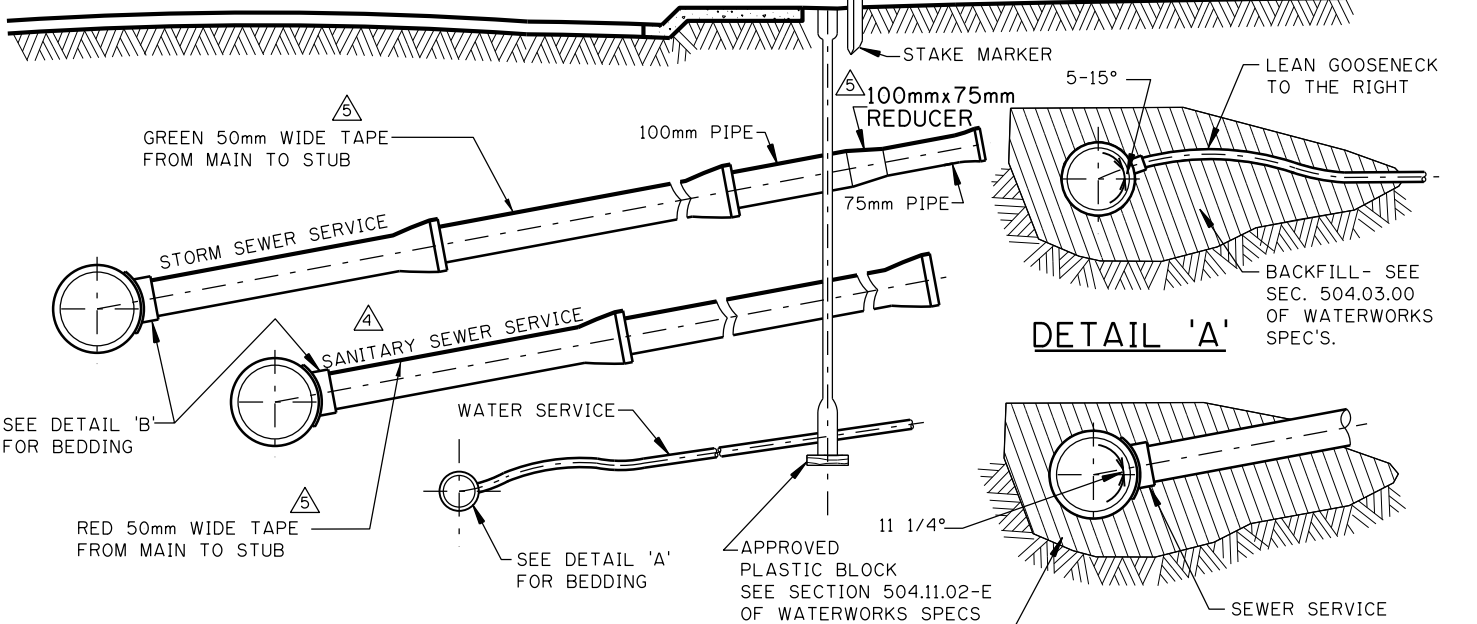
Attachment:
Detail Drawing #34M



SECTION 'A-A'
LOOKING FROM INSIDE LOT TOWARDS SEWER MAINS

NOTES:

1. CURB BOX LOCATED ON CENTRE LINE OF LOT UNLESS SPECIFIED OTHERWISE.
2. VIEWING THE TRENCH FROM THE LOT, THE STORM SEWER SERVICE IS LOCATED TO THE RIGHT OF THE CURB BOX AND THE SANITARY SEWER SERVICE TO THE LEFT.
3. THE INSTALLATION SHALL BE IN ACCORDANCE WITH SEC. 504.11.00 OF WATERWORKS SPECS.
4. SEWER SERVICES MUST TERMINATE WITH A BELL OR PLAIN END SEALED WITH AN APPROVED PLUG OR CAP.
5. UNDER SUBDIVISION AGREEMENT, THE SERVICES SHALL TERMINATE INSIDE PROPERTY LINE AS SPECIFIED IN SEC. 504.11.00. W.W. CONSTRUCTIONS.
6. SERVICE LEAD PIPE SIZES:
STORM - 75mm (REVISED SERVICE DETAIL)
SANITARY - 100mm
7. SANITARY/STORM SERVICE LEAD TO MAIN SHALL BE WITH
- APPROVED 100mm TEES, SADDLES OR MANUFACTURED TEE WITHIN STORM MAIN.
- MANUFACTURED APPROVED REDUCER SHALL BE USED TO JOIN THE 75mm LEAD TO THE 100mm TEE.



DETAIL 'A'

DETAIL 'B'

THE DEPTH OF THE WATER SERVICE PIPE AND SERVICE VALVE SHALL BE AS SPECIFIED IN SEC. 504.04.13. OF STANDARD SPECIFICATIONS.

DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED

5	2021/08/30	MODIFIED DUE TO STORM SERVICE PIPE SIZE SHORTAGE	MC
4	2021/08/30	SWITCHED PIPE DESIGNATION	MC
3	2015/04/22	ADDED SECOND - SINGLE SERVICE	EV
2	2004/11/01	SEC. REVISED FROM 504.04.12 TO 504.04.13	
1	2004/11/01	GENERAL REVISION	
No.	Date	Revision	App'd

Date
1999-09-14

Scale
N.T.S.

Approved by

for The City of Calgary

SEWER CONSTRUCTION

TYPICAL RESIDENTIAL SERVICE INSTALLATION

MODIFIED

Sheet
34M

File Number