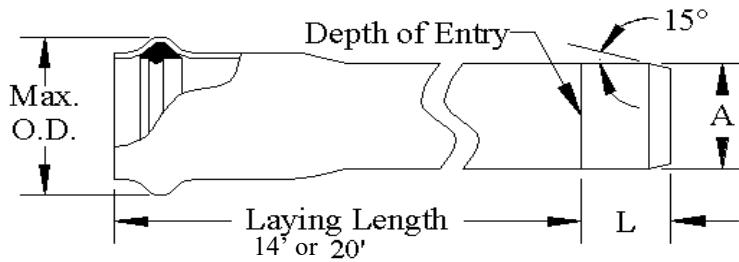


# SEWER

## PVC SEWER & STORM DRAINAGE PIPE (4 - 15")

**Scope:** This submittal designates the general requirements for Unplasticized Polyvinyl Chloride (PVC) Plastic PSM Sewer Pipe from compound with a cell class 12454, as defined in ASTM Standard D-1784.

**Pipe:** Pipe in trade size diameter of 4" through 15" shall meet the requirements of the latest ASTM D-3034 Standard. The pipe shall conform to the requirements of CSA B-182.2, BNQ NQ 3624-130 and NQ 3624-135 Standards as indicated in the table below. If integral gasketed bell ends are provided on the pipe, the pipe joint must meet the requirements of ASTM Standard D-3212, and the sealing gasket must conform to the requirements of ASTM Standard F-477 for sizes 4"-15". Pipe in trade size diameters of 4 and 6 inch are available with solvent-weld bells. Pipe is manufactured to a standard laying length of 14 feet. Other lengths available upon request.



### ASTM D-3034 Sewer Pipe Size and Dimensions

| Nominal Size (in) | Metric (mm) | Dimension Ratio (SDR) | Approvals | Min Stiffness (psi) | "A" Average (OD) Outside Diameter | Minimum Wall | Max OD Reference | "L" Dimension (Min/Max) |
|-------------------|-------------|-----------------------|-----------|---------------------|-----------------------------------|--------------|------------------|-------------------------|
| 4                 | 100         | 35                    | CSA, BNQ  | 46                  | 4.215                             | .120         | 5.050            | 3.250 - 3.500           |
|                   |             | 28                    | CSA, BNQ  | 91                  |                                   | .151         |                  |                         |
|                   |             | 26                    | CSA       | 115                 |                                   | .162         |                  |                         |
| 5                 | 135         | 28                    | CSA, BNQ  | 91                  | 5.640                             | .201         | 6.188            | 3.750 - 4.125           |
| 6                 | 150         | 35                    | CSA, BNQ  | 46                  | 6.275                             | .180         | 7.305            | 4.000 - 4.375           |
|                   |             | 28                    | CSA, BNQ  | 91                  |                                   | .224         |                  |                         |
|                   |             | 26                    | CSA       | 115                 |                                   | .241         |                  |                         |
| 8                 | 200         | 35                    | CSA, BNQ  | 46                  | 8.400                             | .240         | 9.605            | 4.125 - 4.375           |
|                   |             | 26                    | CSA       | 115                 |                                   | .323         |                  |                         |
| 10                | 250         | 35                    | CSA, BNQ  | 46                  | 10.500                            | .300         | 12.030           | 5.750 - 6.000           |
|                   |             | 26                    | CSA       | 115                 |                                   | .404         |                  |                         |
| 12                | 300         | 35                    | CSA, BNQ  | 46                  | 12.500                            | .360         | 14.100           | 5.875 - 6.125           |
|                   |             | 26                    | CSA       | 115                 |                                   | .481         |                  |                         |
| 15                | 375         | 35                    | CSA, BNQ  | 46                  | 15.300                            | .437         | 17.200           | 6.125 - 6.375           |
|                   |             | 26                    | CSA       | 115                 |                                   | .588         |                  |                         |



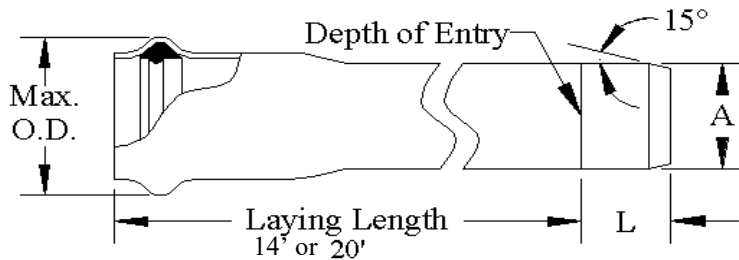
**NOTE: Canadian PVC Sewer Specifications Only**

# SEWER

## PVC SEWER & STORM DRAINAGE PIPE (18 - 48")

**Scope:** This submittal designates the general requirements for Unplasticized Polyvinyl Chloride (PVC) Plastic PSM Sewer Pipe from compound with a cell class 12454, as defined in ASTM Standard D-1784.

**Pipe:** Pipe in trade sizes diameter of 18" and above shall meet the requirements of the latest ASTM Standard F-679. The pipe shall conform to the requirements of CSA B-182.2 and NQ 3624-135 Standards as indicated in the table below. If integral gasketed bell ends are provided on the pipe, the pipe joint must meet the requirements of ASTM Standard D-3212. Pipe is manufactured to a standard laying length of 14 feet. Other lengths available upon request.



## ASTM F-679 Sewer Pipe Size and Dimensions

| Nominal Size (in) | Metric (mm) | Dimension Ratio (SDR) | Approvals | Min Stiffness (psi) | "A" Average (OD) Outside Diameter | Minimum Wall | Max OD Reference | "L" Dimension (Min/Max) |
|-------------------|-------------|-----------------------|-----------|---------------------|-----------------------------------|--------------|------------------|-------------------------|
| 18                | 450         | 35                    | CSA, BNQ  | 46                  | 18.701                            | 0.536        | 20.69            | 8.875 -                 |
|                   |             | 26                    | CSA       | 115                 |                                   | 0.719        |                  | 9.125                   |
| 21                | 525         | 35                    | CSA, BNQ  | 46                  | 22.047                            | 0.632        | 24.26            | 9.875 -                 |
|                   |             | 26                    | CSA       | 115                 |                                   | 0.847        |                  | 10.125                  |
| 24                | 600         | 35                    | CSA, BNQ  | 46                  | 24.803                            | 0.711        | 27.29            | 10.875 -                |
|                   |             | 26                    | CSA       | 115                 |                                   | 0.953        |                  | 11.125                  |
| 27                | 675         | 35                    |           | 46                  | 27.953                            | 0.745        | 32.5             | 10.125 -                |
|                   |             | 26                    |           | 115                 |                                   | 1.002        |                  | 11.125                  |
| 30                | 750         | 35                    |           | 46                  | 32.000                            | 0.853        | 37.25            | 12.625 -                |
|                   |             | 26                    |           | 115                 |                                   | 1.148        |                  | 13.625                  |
| 36                | 900         | 35                    |           | 46                  | 38.300                            | 1.021        | 43.25            | 12.875 -                |
|                   |             | 26                    |           | 115                 |                                   | 1.373        |                  | 13.875                  |
| 42                | 1050        | 35                    |           | 46                  | 44.500                            | 1.187        | 53               | 15.750 -                |
|                   |             | 26                    |           | 115                 |                                   | 1.596        |                  | 16.75                   |
| 48                | 1200        | 35                    |           | 46                  | 50.800                            | 1.355        | 60               | 15.875 -                |
|                   |             | 26                    |           | 115                 |                                   | 1.822        |                  | 16.875                  |

