

# WATER SERVICE PROFILE TABLE

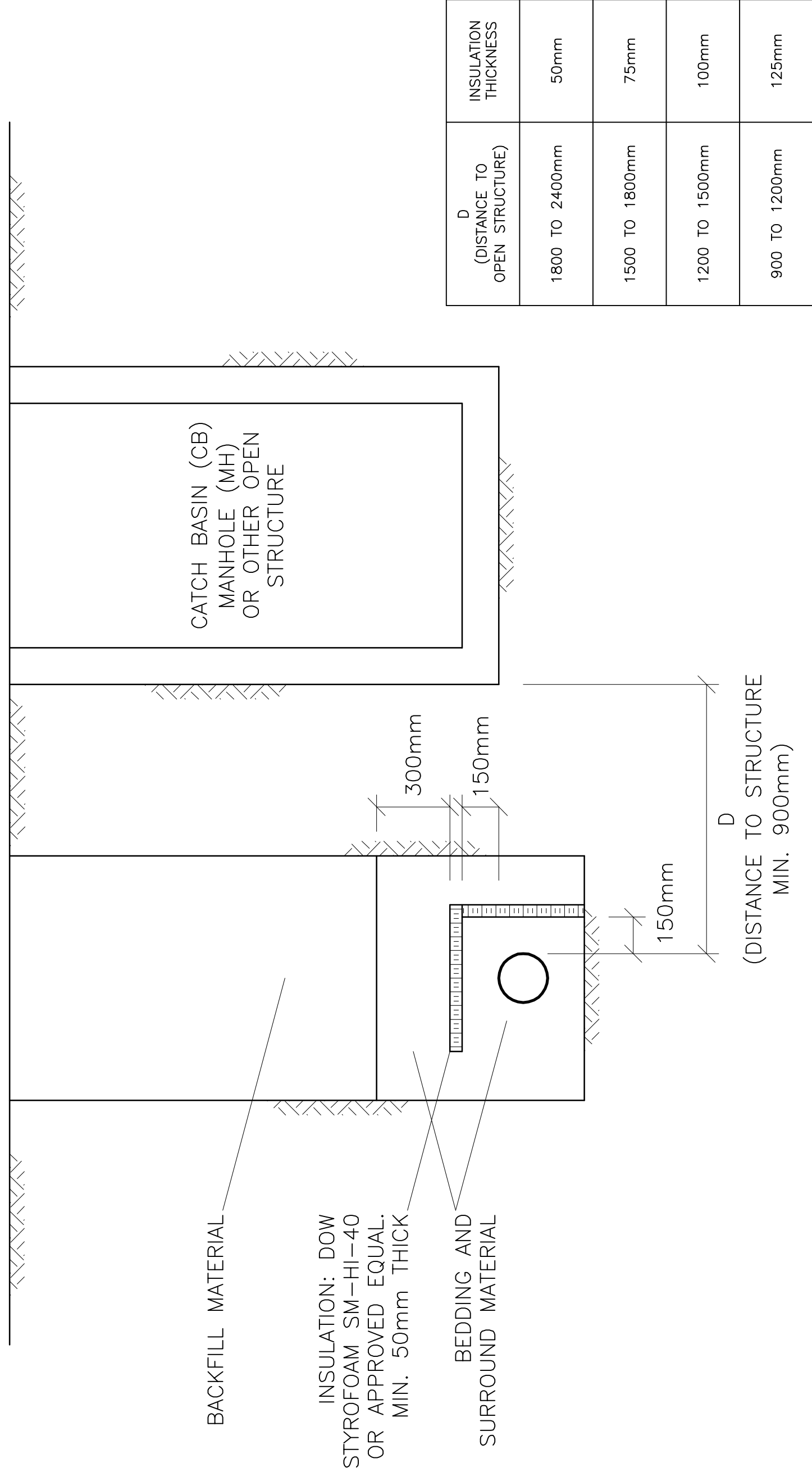
MATERIAL:  
100mm PVC PRESSURE CLASS 150 DR18

| STATION          | DESCRIPTION                                                                           | GRADE ELEVATION | TOP OF PIPE | DEPTH OF COVER | NOTES                                                                        |
|------------------|---------------------------------------------------------------------------------------|-----------------|-------------|----------------|------------------------------------------------------------------------------|
| A+00.0           | 400mm x 100mm TEE CONNECTION IN 400mm MUNICIPAL WATERMAIN TO CITY OF OTTAWA STANDARDS | 75.18           | ±72.60      | ±2.58          | START OF 50mm THICK, 1200mm WIDE INSULATION                                  |
| A+02.3           | 100mm VALVE & VALVE BOX TO CITY OF OTTAWA STANDARDS                                   | 75.30           | 72.60       | 2.70           | ON PROPERTY LINE                                                             |
| A+06.7           | 5' HORIZONTAL BEND                                                                    | 75.30           | 72.60       | 2.70           | —                                                                            |
| A+12.4<br>B+00.0 | CONNECTION TO 50mm WATERMAIN                                                          | 75.30           | 72.60       | 2.70           |                                                                              |
| A+14.5           | —                                                                                     | 75.30           | 72.60       | 2.70           | CROSSING 150 SAN INV 73.14 WM TOP 72.60 — 540mm CLEARANCE (MIN. 500mm REQ'D) |
| A+15.0<br>C+00.0 | CONNECTION TO 50mm WATERMAIN                                                          | 75.30           | 72.60       | 2.70           | —                                                                            |
| A+15.3           | —                                                                                     | 75.30           | 72.60       | 2.70           | CROSSING 150 ST INV 73.14 WM TOP 72.60 — 540mm CLEARANCE (MIN. 500mm REQ'D)  |
| A+16.3           | 100mm END CAP TO CITY OF OTTAWA STANDARDS                                             | 75.30           | 72.60       | 2.70           | —                                                                            |

MATERIAL:

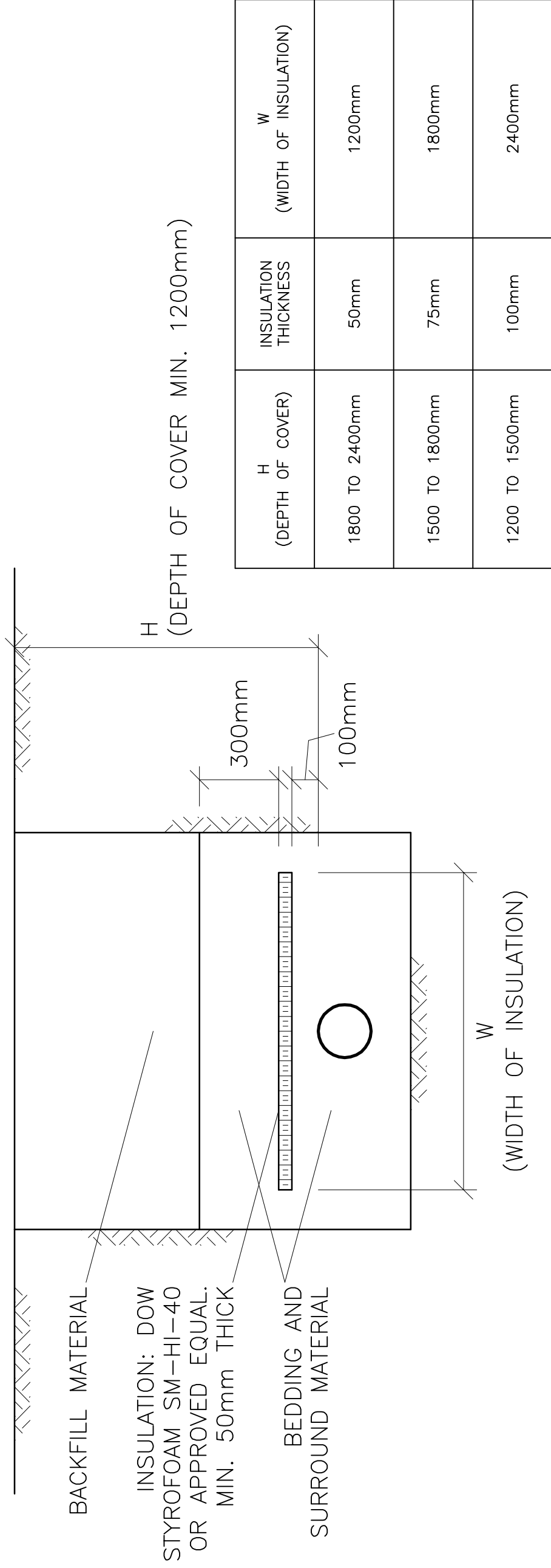
50mm PEX TUBING TO AWWA C-904 SDR 9 (CTS)

| STATION          | DESCRIPTION                                                  | GRADE ELEVATION | TOP OF PIPE | DEPTH OF COVER | NOTES                                                                              |
|------------------|--------------------------------------------------------------|-----------------|-------------|----------------|------------------------------------------------------------------------------------|
| B+00.0<br>A+12.4 | CONNECTION TO 100mm WATERMAIN                                | 75.30           | 72.60       | 2.70           | —                                                                                  |
| B+03.1           | —                                                            | 75.30           | 72.22       | 3.08           | CROSSING 200 ST INV 72.72<br>WM TOP 72.22 — 500mm<br>CLEARANCE (MIN. 500mm REQ'D)  |
| B+04.2           | —                                                            | 75.30           | 72.10       | 3.20           | CROSSING 300 ST INV 72.60<br>WM TOP 72.10 — 500mm<br>CLEARANCE (MIN. 500mm REQ'D)  |
| B+06.0           | —                                                            | 75.45           | 72.41       | 3.04           | CROSSING 200 SAN TOP 72.15<br>WM U/S 72.40 — 250mm<br>CLEARANCE (MIN. 250mm REQ'D) |
| B+6.8            | 50mm CURB STOP & SERVICE POST<br>TO CITY OF OTTAWA STANDARDS | 75.47           | 72.80       | 2.67           | —                                                                                  |
| B+07.8           | —                                                            | 75.48           | 72.80       | 2.68           | ENTRY INTO BUILDING                                                                |
| A+00.0<br>C+15.0 | CONNECTION TO 100mm WATERMAIN                                | 75.30           | 72.60       | 2.70           | —                                                                                  |
| C+01.0           | 50mm CURB STOP & SERVICE POST<br>TO CITY OF OTTAWA STANDARDS | 75.46           | 72.83       | 2.63           | —                                                                                  |
| C+02.0           | —                                                            | 75.48           | 72.99       | 2.49           | ENTRY INTO BUILDING                                                                |



INSULATE SEWER AS INDICATED.  
CENTER INSULATION OVER PIPE.  
JOINTS BETWEEN SHEETS OF INSULATION SHALL BE STAGGERED.

INSULATION OF WATERMAINS &  
WATER SERVICE CONNECTIONS  
AT OPEN STRUCTURES  
AS PER CITY OF OTTAWA DRAWING No. W23  
N.T.S



INSULATE WATERMAIN AS INDICATED AND WHERE DEPTH OF COVER IS LESS THAN 2400mm. PROVIDE A MINIMUM 1200mm COVER. CENTER INSULATION OVER PIPE.

JOINTS BETWEEN SHEETS OF INSULATION SHALL BE STAGGERED.

INSULATION OF WATERMANS &  
WATER SERVICE CONNECTIONS  
IN SHALLOW TRENCHES  
N.T.S

| D<br>(DISTANCE TO<br>OPEN STRUCTURE) | INSULATION<br>THICKNESS |
|--------------------------------------|-------------------------|
| 1800 TO 2400mm                       | 50mm                    |
| 1500 TO 1800mm                       | 75mm                    |
| 1200 TO 1500mm                       | 100mm                   |
| 900 TO 1200mm                        | 125mm                   |

## KEY PLAN

[illegible]

**D. B. GRAY ENGINEERING INC.**  
*Stormwater Management • Grading & Drainage • Storm & Sanitary Sewers • Watermain*

700 Long Point Circle 613-425-8044  
 Ottawa, Ontario d.gray@dbgrayengineering.com

Project **STACKED TOWNS**  
BUILDING A – 20 UNITS  
BUILDING B – 24 UNITS  
2506 INNES ROAD  
OTTAWA, ONTARIO

Drawing Title

## SCHEDULES (WATER SERVICE)

