

WATER SERVICE PROFILE TABLE

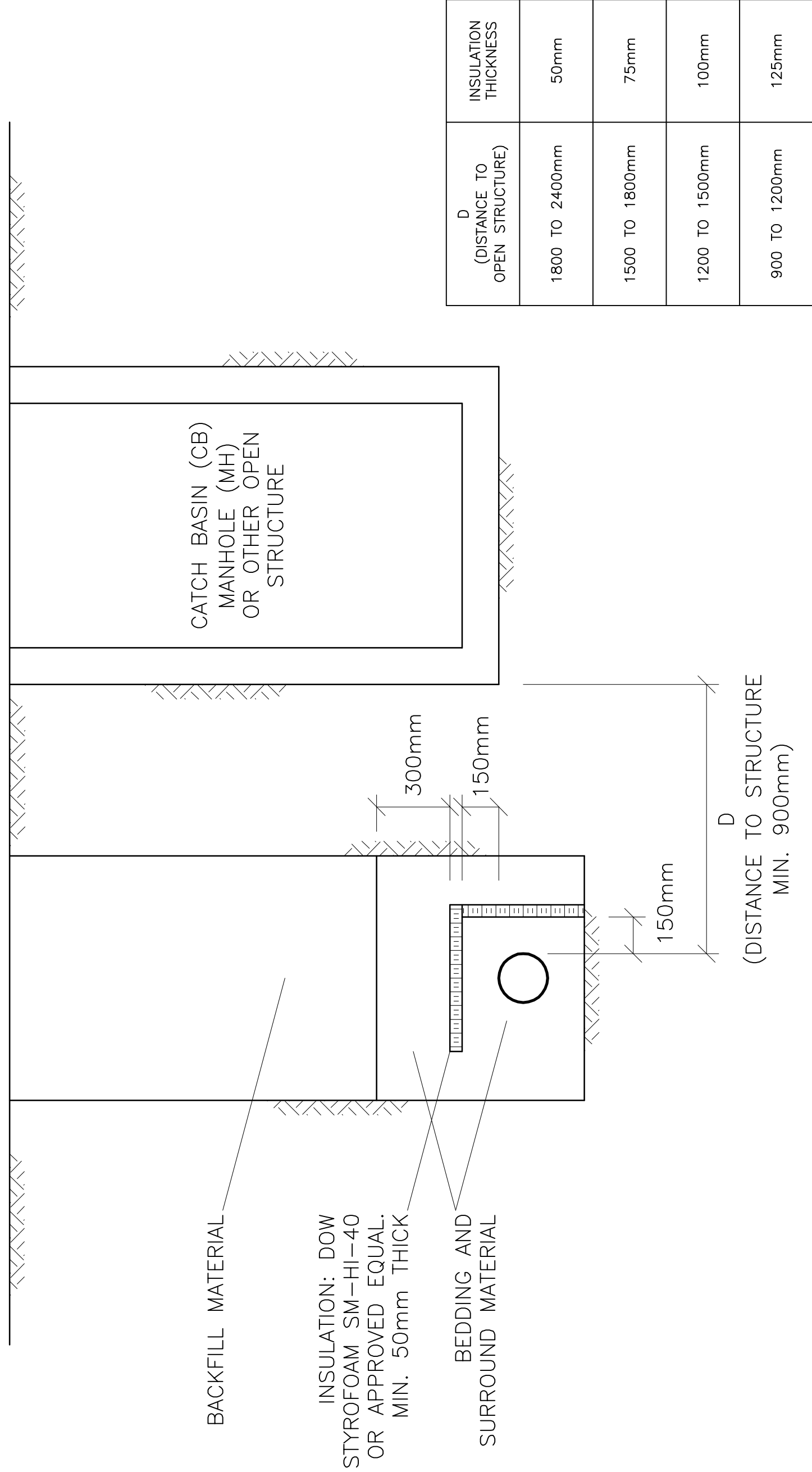
MATERIAL:
100mm PVC PRESSURE CLASS 150 DR18

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 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 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:

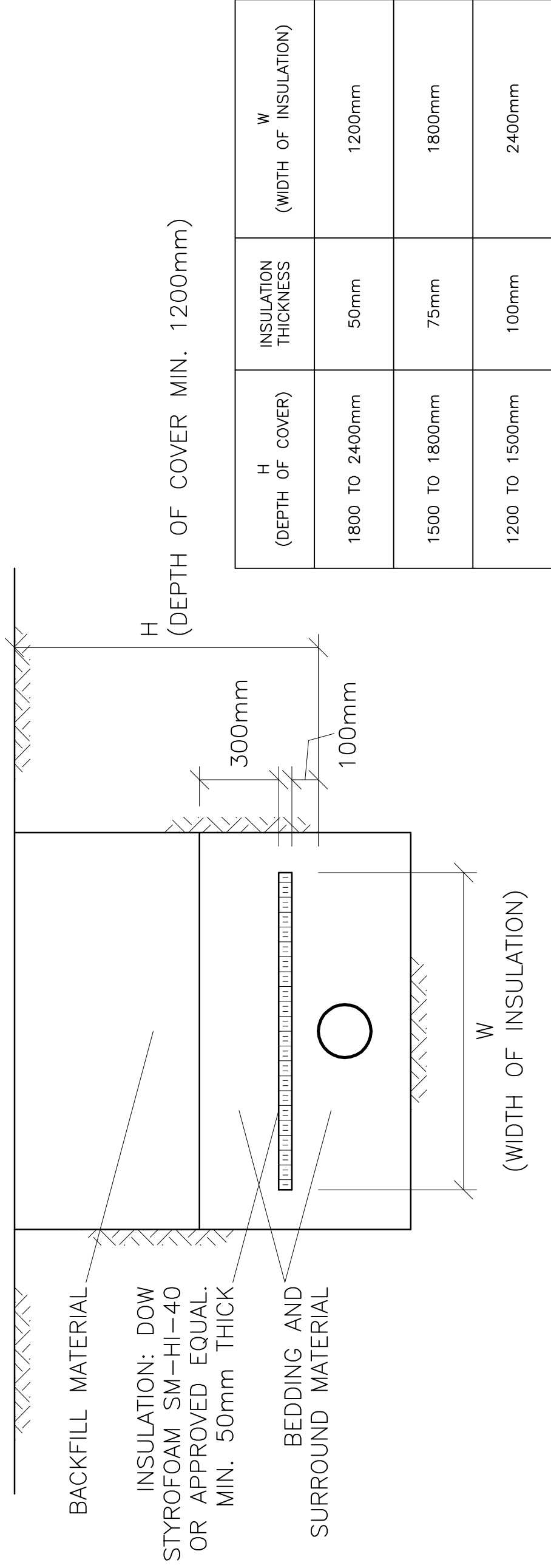
50mm PEX TUBING TO AWWA C-904 SDR 9 (CTS)

STATION	DESCRIPTION	GRADE ELEVATION	TOP OF PIPE	DEPTH OF COVER	NOTES
B+00.0 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 WM TOP 72.22 – 500mm CLEARANCE (MIN. 500mm REQ'D)
B+04.2	–	75.30	72.10	3.20	CROSSING 300 ST INV 72.60 WM TOP 72.10 – 500mm CLEARANCE (MIN. 500mm REQ'D)
B+06.0	–	75.45	72.41	3.04	CROSSING 200 SAN TOP 72.15 WM U/S 72.40 – 250mm CLEARANCE (MIN. 250mm REQ'D)
B+6.8	50mm CURB STOP & SERVICE POST 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 C+15.0	CONNECTION TO 100mm WATERMAIN	75.30	72.60	2.70	–
C+01.0	50mm CURB STOP & SERVICE POST 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 (DISTANCE TO OPEN STRUCTURE)	INSULATION 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)

