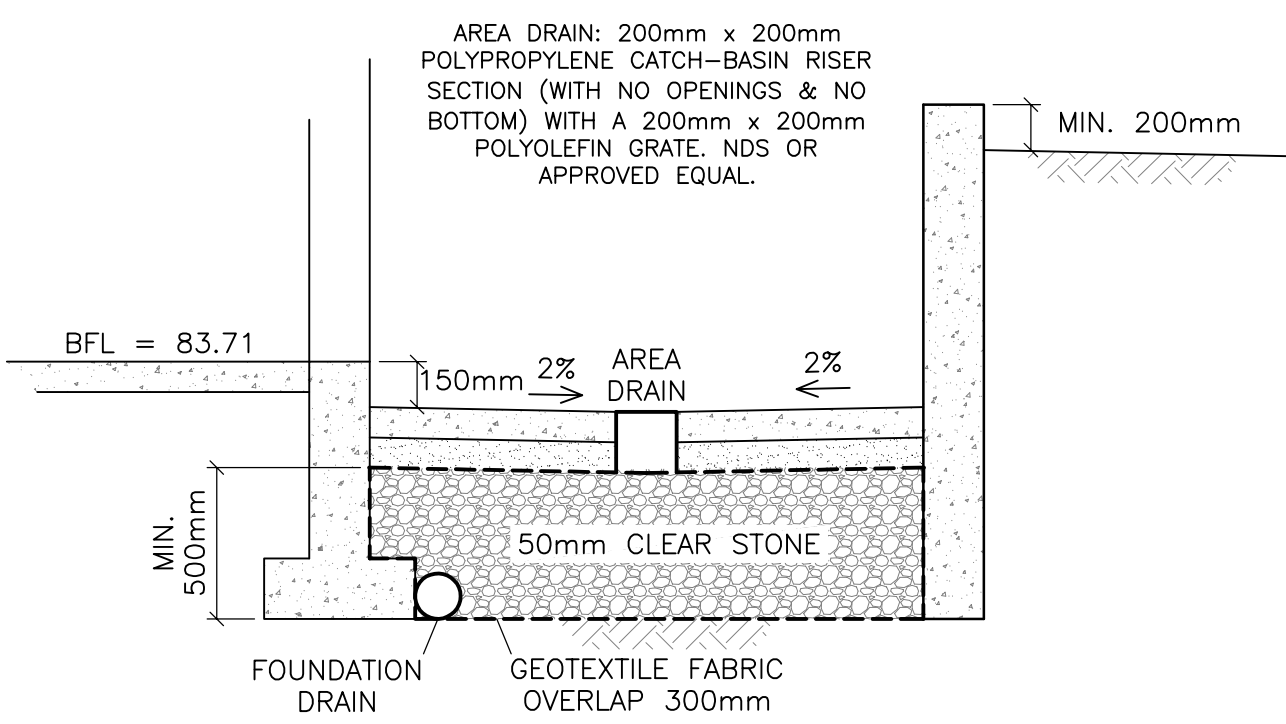
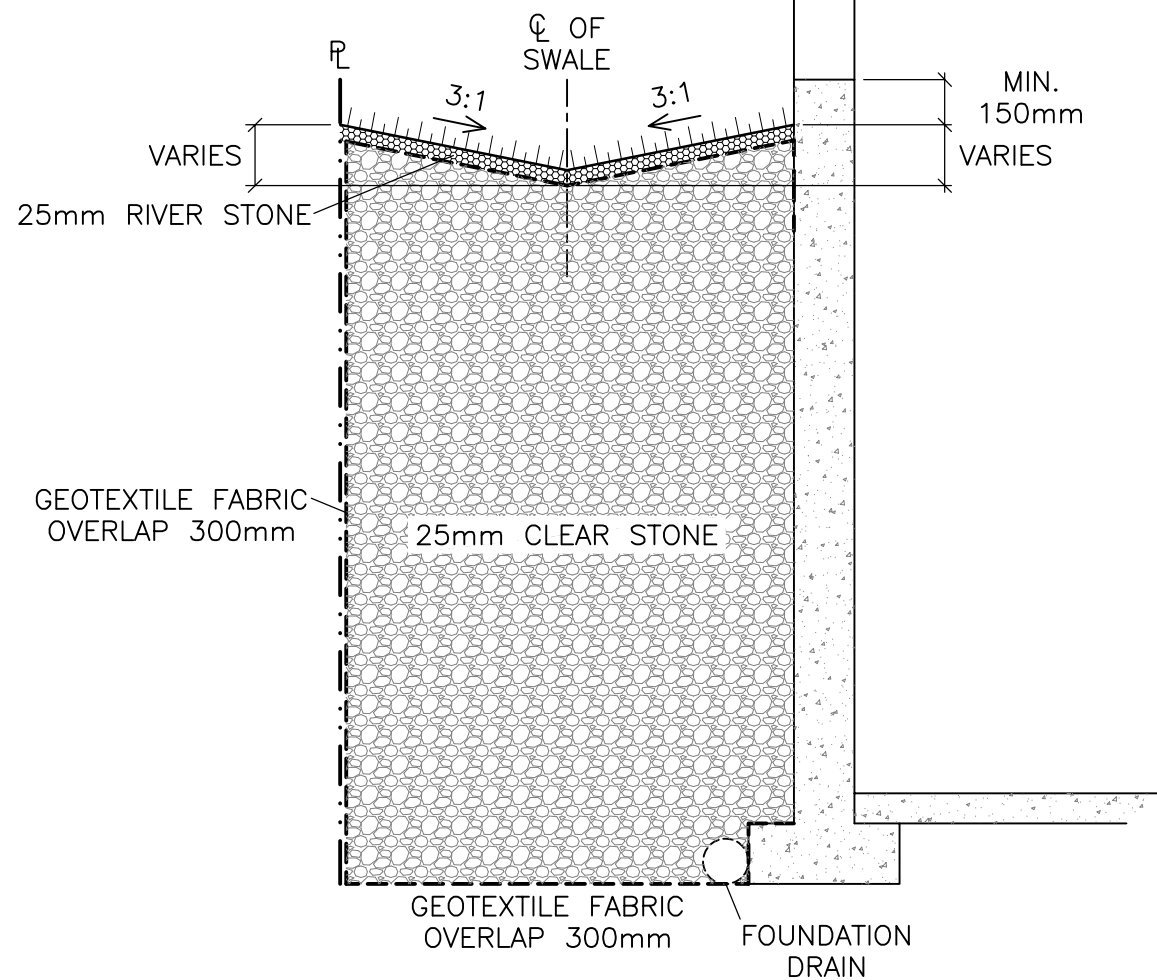
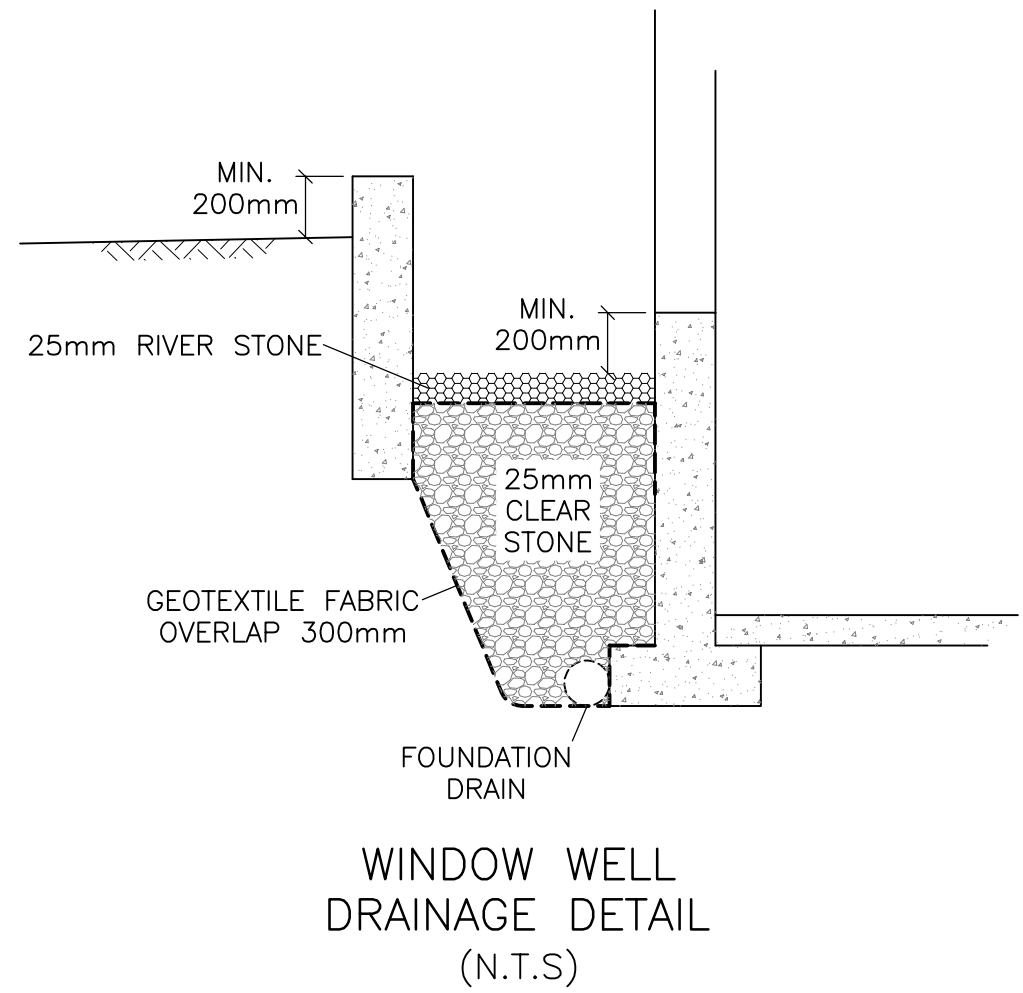




TERRACE DRAINAGE
SECTION B-B
(N.T.S.)



SECTION A-A
(N.T.S.)

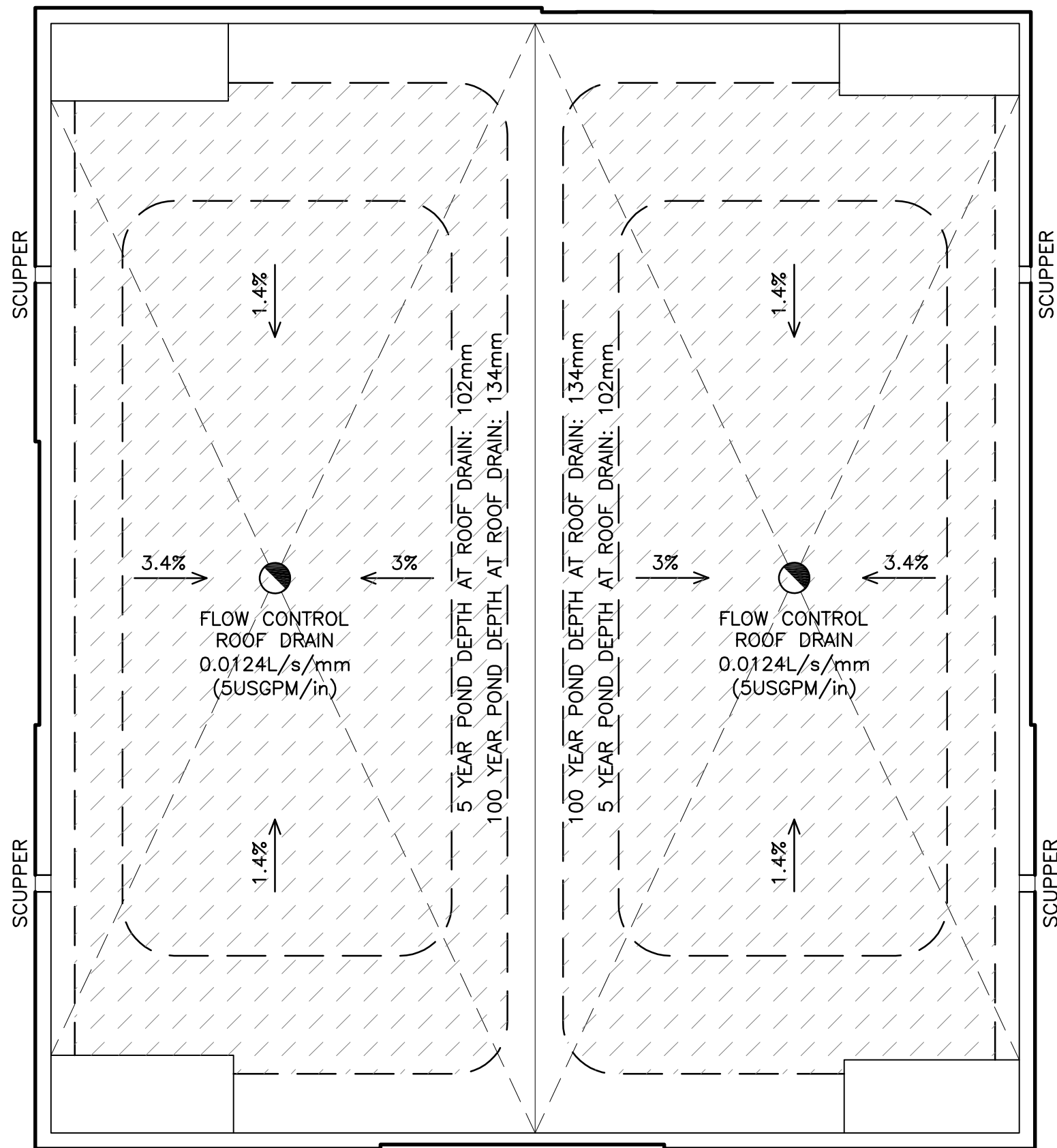


WATER SERVICE PROFILE TABLE

MATERIAL:
150mm PVC PRESSURE CLASS 150 DR18

STATION	DESCRIPTION	GRADE ELEVATION	TOP OF PIPE	DEPTH OF COVER	NOTES
0+00.0	150mm x 150mm TEE CONNECTION IN 150mm MUNICIPAL WATERMAIN TO CITY OF OTTAWA STANDARDS	±84.40	±82.30	±2.10	START OF 50mm THICK INSULATION AS PER CITY OF OTTAWA DRAWING No. W22
0+01.0	22.5' VERTICAL BEND DOWN TO CITY OF OTTAWA STANDARDS	±84.41	82.30	±2.11	—
0+02.1	22.5' VERTICAL BEND UP TO CITY OF OTTAWA STANDARDS	±84.42	81.83	±2.59	END OF 50mm THICK INSULATION AS PER CITY OF OTTAWA DRAWING No. W22
0+02.7	—	±84.42	81.83	±2.59	CROSSING 225 SAN TOP 81.43 WM U/S 81.68 - 250mm CLEARANCE (MIN. 250mm REQ'D)
0+05.8	—	±84.41	81.83	±2.58	CROSSING 300 ST INV 82.33 WM TOP 81.83 - 500mm CLEARANCE (MIN. 500mm REQ'D)
0+08.0	—	±84.50	81.83	±2.67	CROSSING UTILITIES
0+10.7	—	84.55	81.90	2.65	CROSSING GAS
0+11.7	150mm VALVE & VALVE BOX TO CITY OF OTTAWA STANDARDS	84.59	81.92	2.67	ON PROPERTY LINE
0+13.1	—	84.64	81.99	2.65	START OF 50mm THICK INSULATION AS PER CITY OF OTTAWA DRAWING No. W23
0+17.7	—	84.76	82.23	2.53	END OF 50mm THICK INSULATION AS PER CITY OF OTTAWA DRAWING No. W23

INSTALL A MINIMUM OF 4 SCUPPERS, EACH A MINIMUM 315mm WIDE. BOTTOM OF SCUPPERS SHALL BE 150mm ABOVE ROOF DRAINS (REFER TO ARCHITECTURAL FOR EXACT LOCATIONS AND DETAILS). ROOF SHALL BE DESIGNED TO CARRY THE LOAD OF WATER HAVING A 50mm DEPTH AT SCUPPER OR 200mm DEPTH AT ROOF DRAIN (REFER TO STRUCTURAL).



ROOF PLAN

CATCH-BASIN & MANHOLE SCHEDULE

REF	TOP	SIZE	TYPE	INVERT AT INLET	INVERT AT OUTLET	NOTES
STORM SEWER						
CB-1	84.30	600mm x 600mm	PRE-CAST CONCRETE CATCH-BASIN	—	84.48	TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19
CB/MH-2	84.62	1200mm	PRE-CAST CONCRETE CATCH-BASIN/MANHOLE	82.43(NW)	82.43(S)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010
CB/MH-3	84.66	1200mm	PRE-CAST CONCRETE CATCH-BASIN/MANHOLE	82.35(N)	82.35(S)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010 INSTALL ICD IN OUTLET PIPE
MH-4	±84.31	1200mm	PRE-CAST CONCRETE MANHOLE	82.29(N) ±82.25(W)	±82.21(E)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S24.1 OR OPSD 401.010

KEY PLAN



2	JUL 27-21	ISSUED FOR APPROVAL
1	APR 27-21	ISSUED FOR COORDINATION
No.	DATE	REVISION

D. B. GRAY ENGINEERING INC.

Stormwater Management - Grading & Drainage - Storm & Sanitary Sewers - Watermain

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

Project
**PROPOSED
3-STOREY 16-UNIT
APARTMENT BUILDING
1291 SUMMERVILLE STREET
OTTAWA, ONTARIO**

Drawing Title
**DETAILS &
SCHEDULES**

Engineer's Seal

NOT VALID UNLESS
SIGNED & DATED

Drawn D.B.G.
H. Scale
V. Scale
Date FEB 3-21
Job No. 20102

Drawing No.
**C-5
of 6**