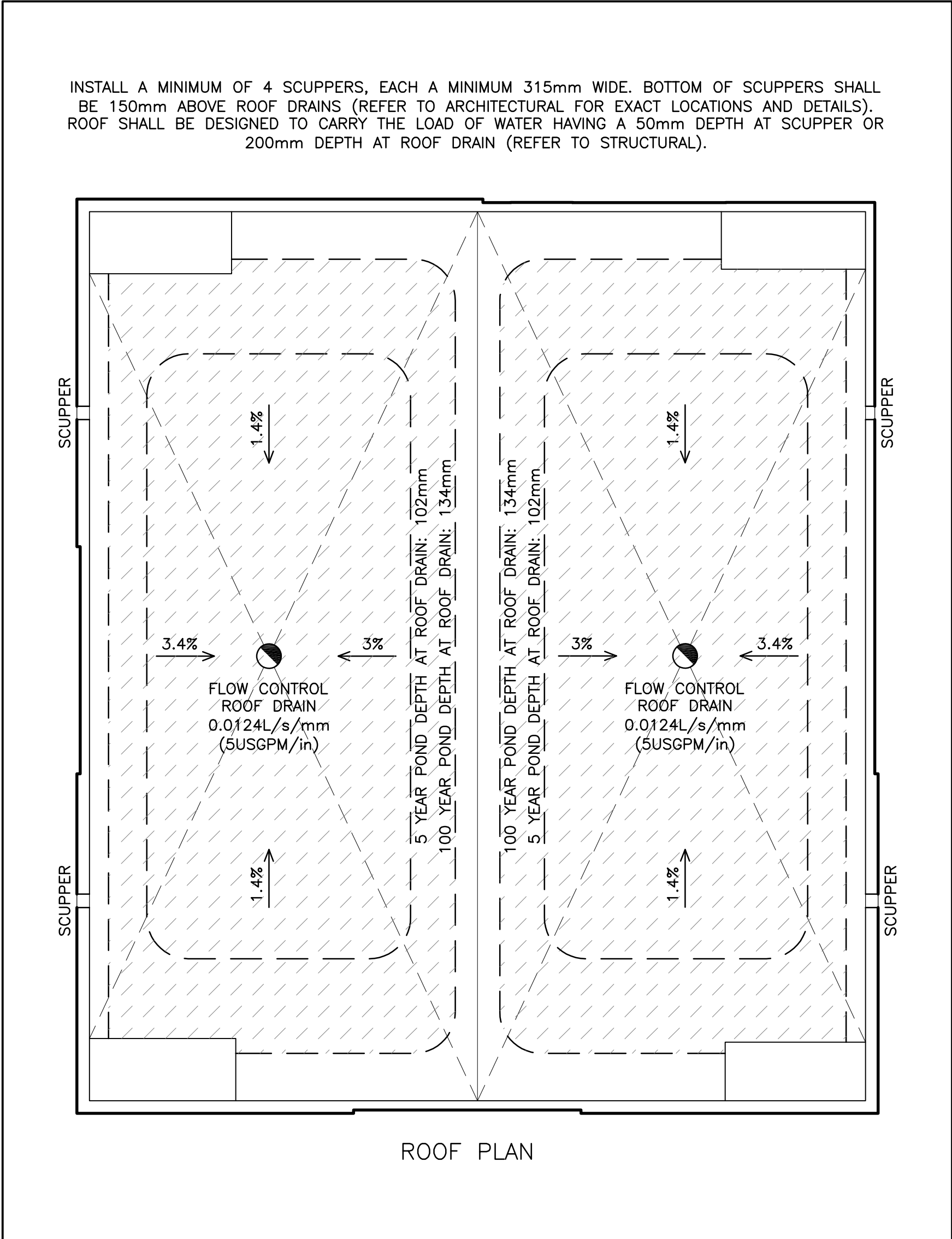
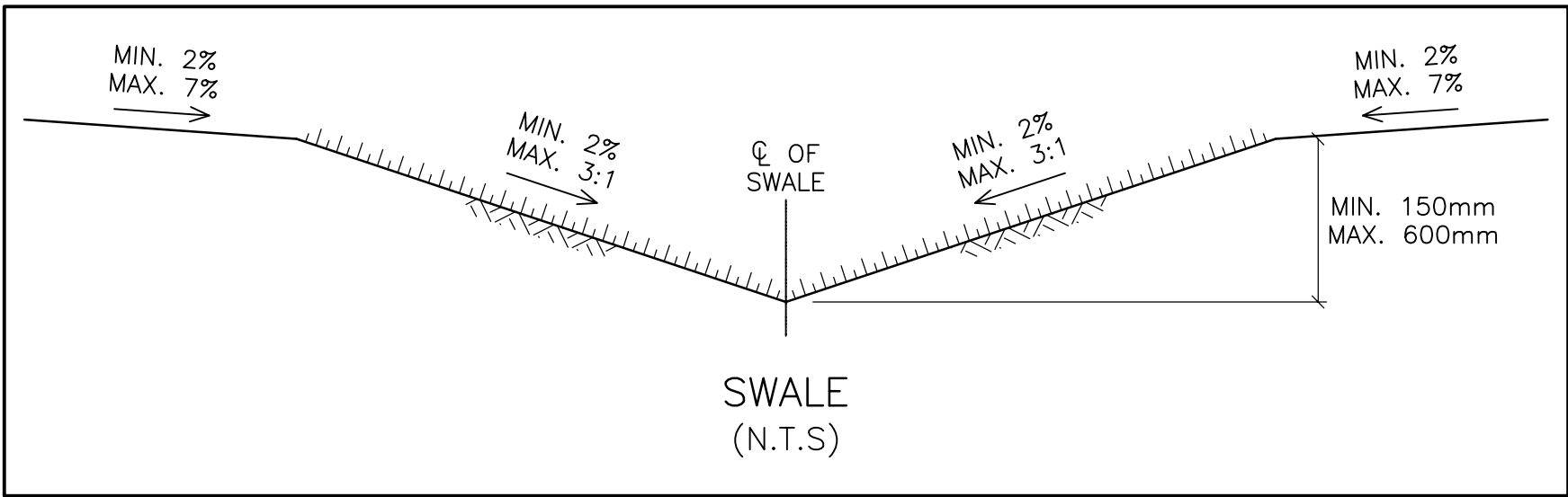
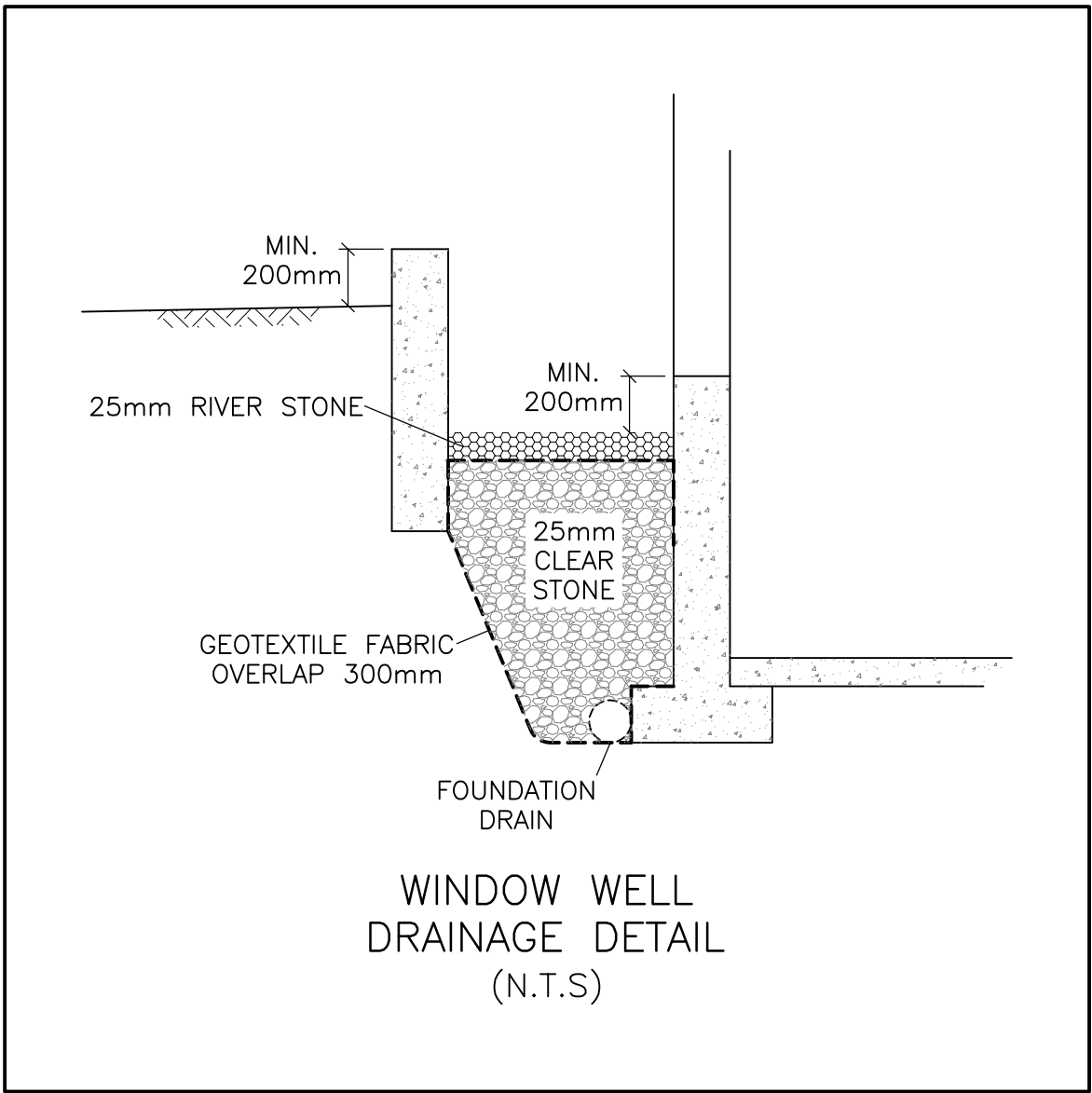
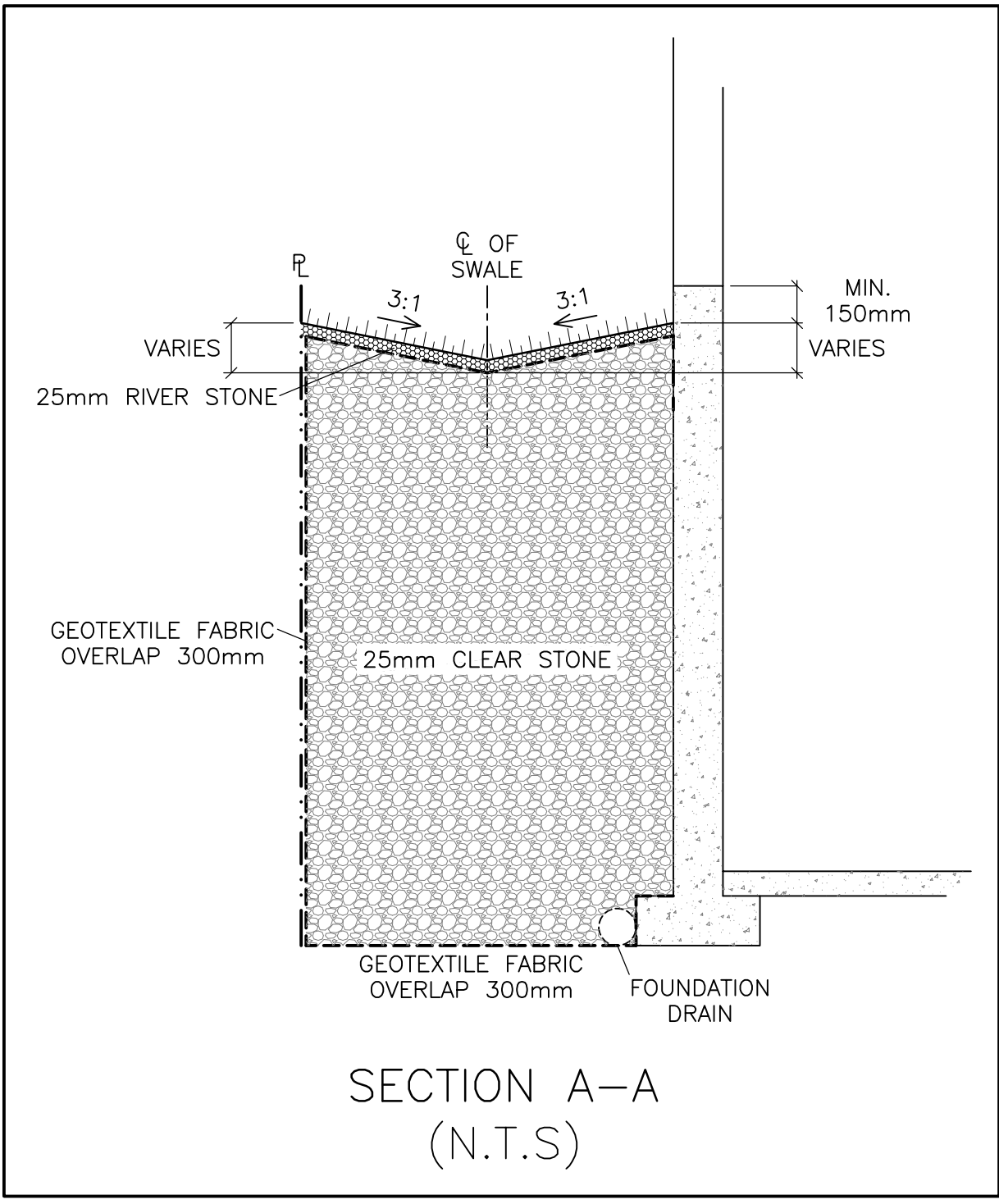
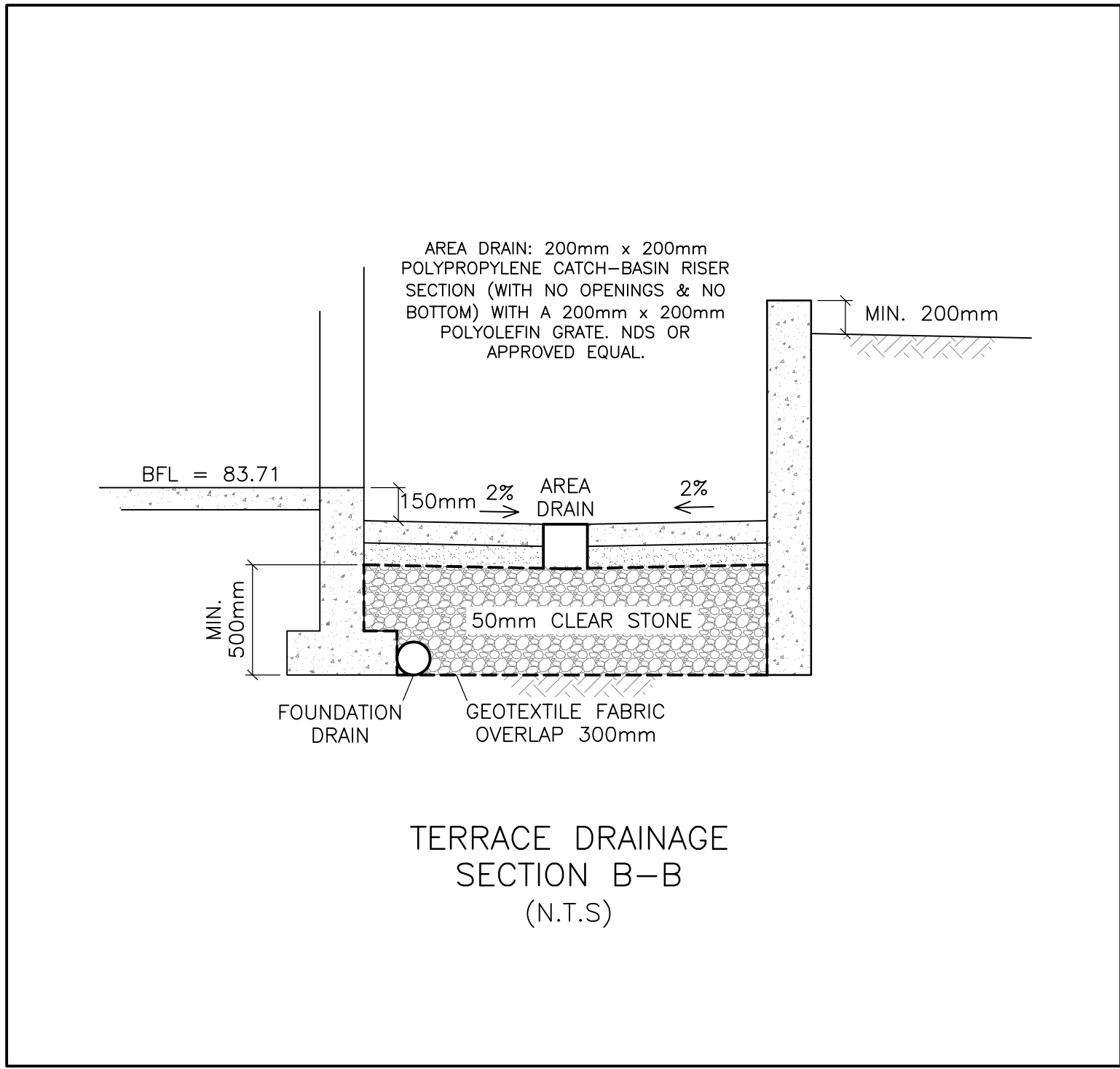
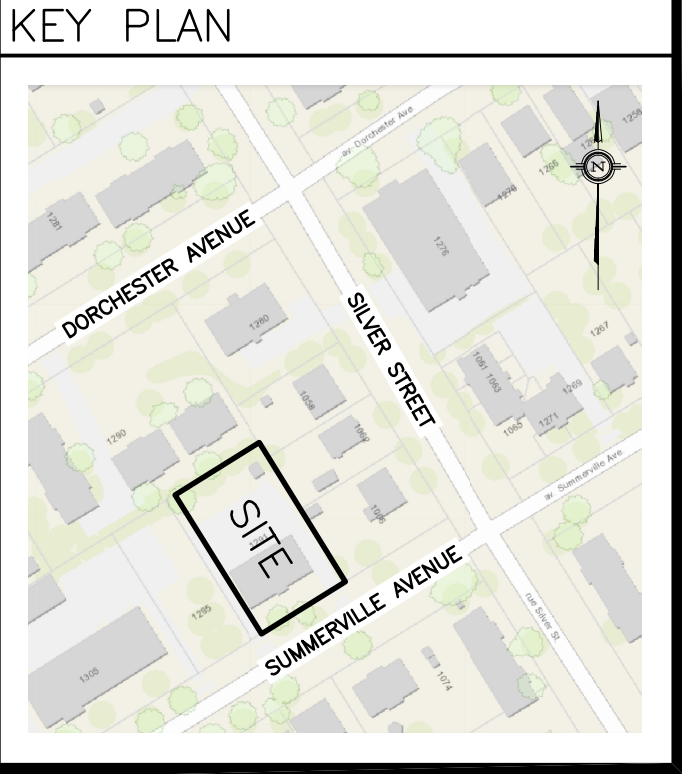




| WATER SERVICE PROFILE TABLE                    |                                                                                       |                 |             |                |                                                                              |
|------------------------------------------------|---------------------------------------------------------------------------------------|-----------------|-------------|----------------|------------------------------------------------------------------------------|
| MATERIAL:<br>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           |

| 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<br>INSTALL ICD IN OUTLET PIPE |
| MH-4                           | ±84.31 | 1200mm        | PRE-CAST CONCRETE MANHOLE             | 82.29(N)<br>±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                               |



| No. | DATE      | REVISION                |
|-----|-----------|-------------------------|
| 3   | OCT 27-21 | RE-ISSUED FOR APPROVAL  |
| 2   | JUL 27-21 | ISSUED FOR APPROVAL     |
| 1   | APR 27-21 | ISSUED FOR COORDINATION |

D. B. GRAY ENGINEERING INC.

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

700 Long Point Circle  
Ottawa, Ontario

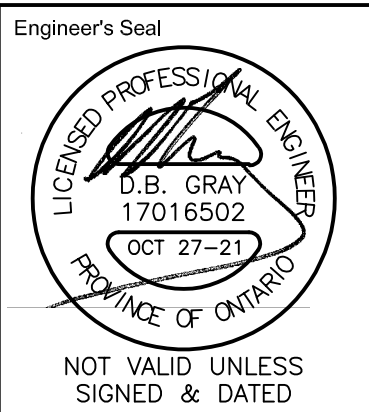
613-425-8044  
d.gray@dbgrayengineering.com

Project

PROPOSED  
3-STOREY 16-UNIT  
APARTMENT BUILDING  
1291 SUMMERVILLE AVENUE  
OTTAWA, ONTARIO

Drawing Title

DETAILS &  
SCHEDULES



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

Drawing No.  
C-5  
of 6

THIS PLAN IS APPROVED BY THE CITY OF OTTAWA UNDER SECTION 41 OF THE PLANNING ACT THIS 24 DAY OF JUNE, 2022.

LILY XU, MCIP, RPP, MANAGER  
DEVELOPMENT REVIEW SOUTH  
PLANNING, INFRASTRUCTURE AND ECONOMIC  
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA