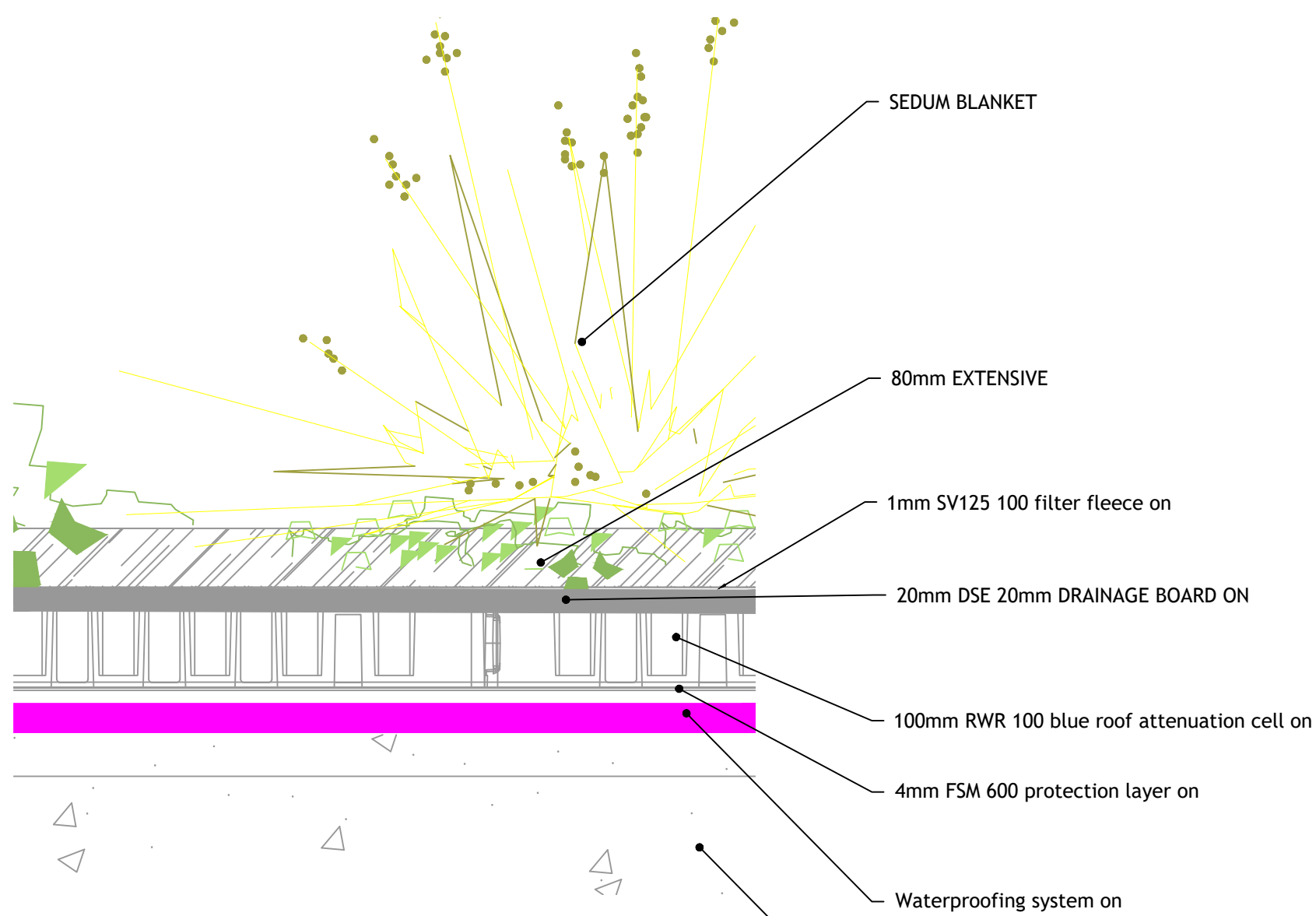
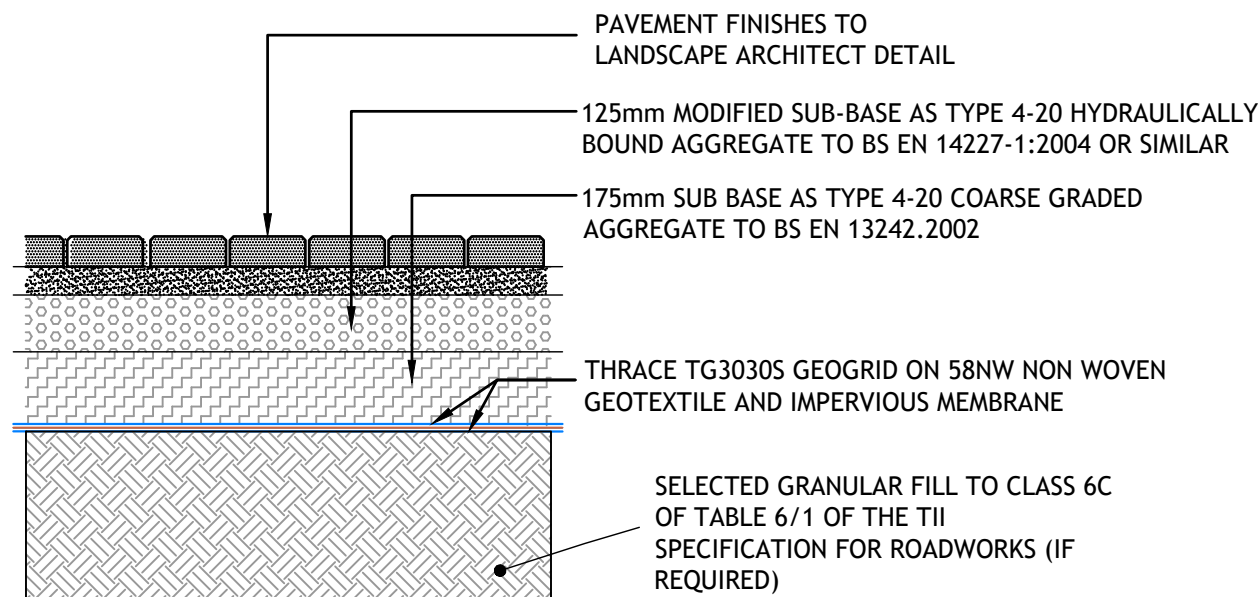
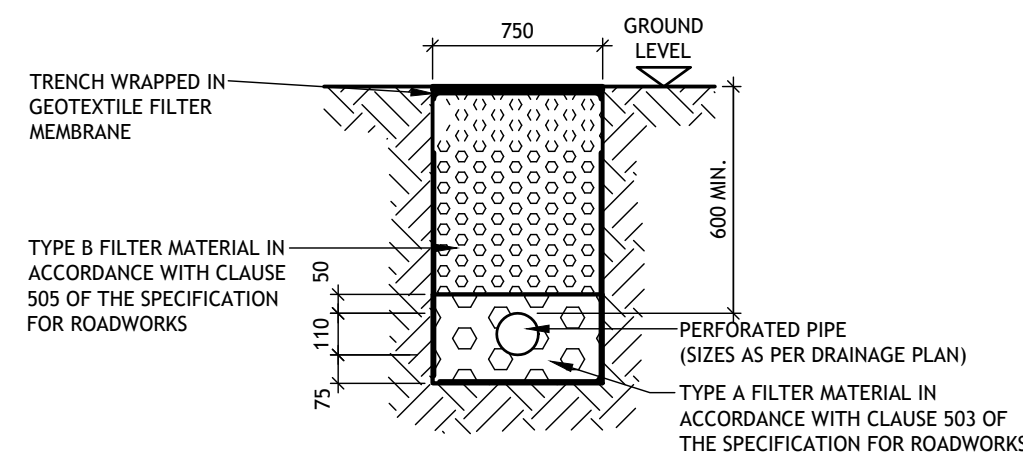




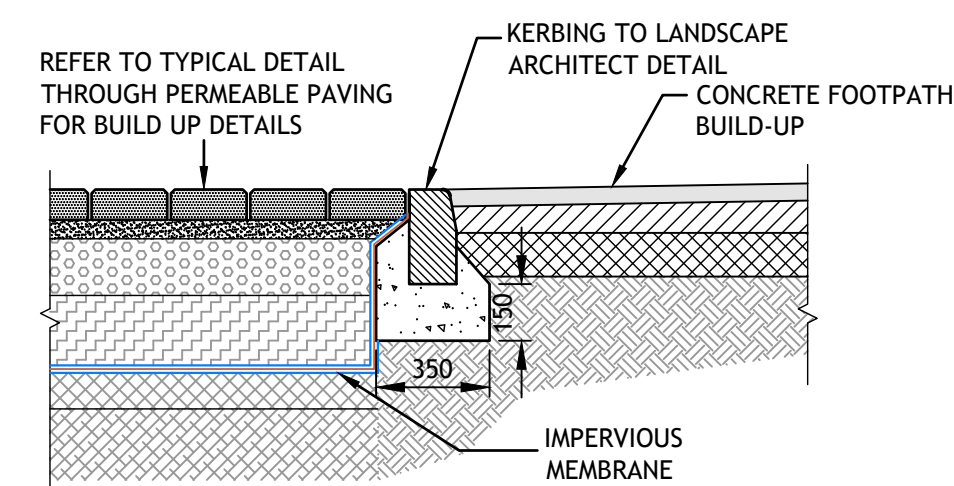
**SEDUM GREEN ROOF 230mm THICK OVER BLUE ROOF SYSTEM - TYPICAL SECTION**  
SCALE 1:10



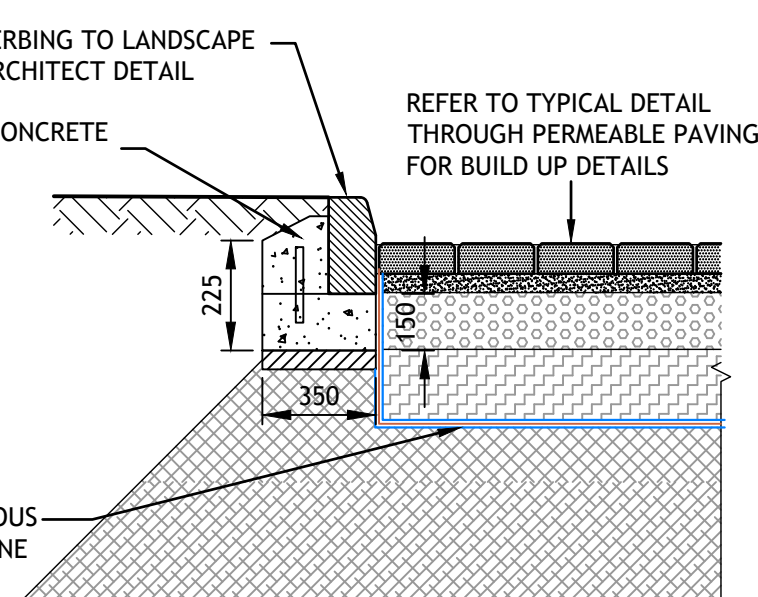
**PERMEABLE PAVING BUILD UP**  
SCALE 1:20



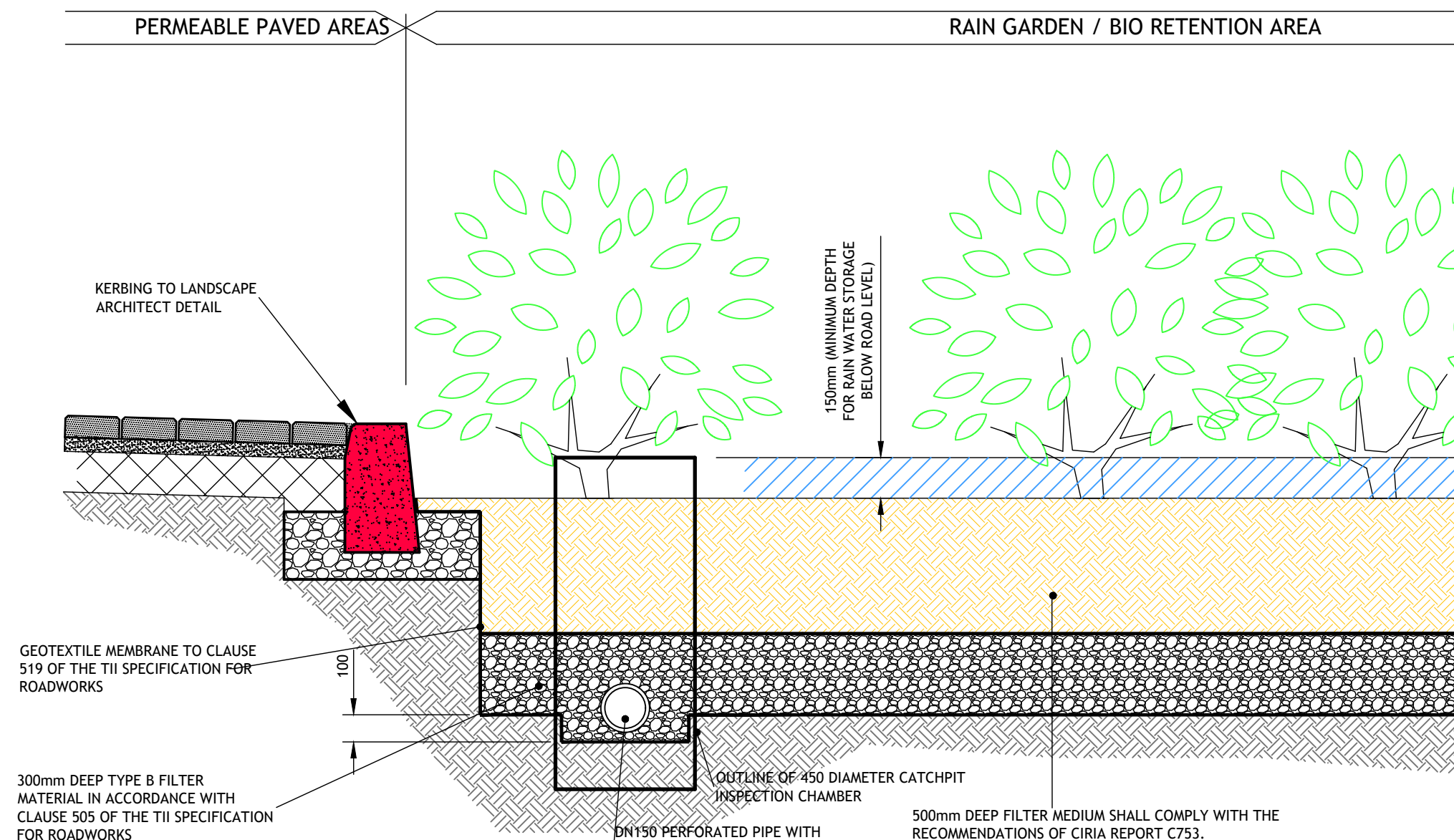
**GRAVEL FILTER DRAIN**  
NOT TO SCALE



**TYPICAL DETAIL AT INTERFACE BETWEEN PERMEABLE PAVING AND FOOTPATH AREA**  
SCALE 1:20



**TYPICAL DETAIL AT INTERFACE BETWEEN PERMEABLE PAVING AND SOFT LANDSCAPING**  
SCALE 1:20



**RAIN GARDEN / BIO RETENTION AREA DETAIL**  
SCALE 1:20

**WEARING COURSE:**  
40mm HOT ROLLED ASPHALT SURFACE COURSE: SHALL COMPLY WITH THE REQUIREMENT OF NRA SRW CLAUSES 911, 910 AND 943. IT SHALL BE LAID AND COMPACTED TO CLAUSE 903.  
OR 40mm POLYMER MODIFIED STONE MASTIC ASPHALT SURFACE COURSE: SHALL COMPLY WITH THE REQUIREMENTS OF NRA SRW CLAUSE 942. IT SHALL BE LAID AND COMPACTED TO CLAUSE 903.

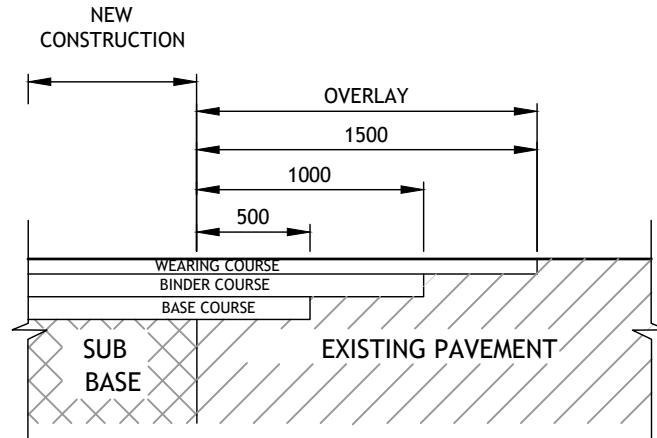
120mm BINDER COURSE SHALL COMPLY WITH THE REQUIREMENTS OF NRA SRW CLAUSES 929, 930, 937 AND 943. IT SHALL BE LAID AND COMPACTED TO CLAUSE 903.

200mm SUBBASE MATERIAL SHOULD COMPRISE TYPE B GRANULAR MATERIAL, IN ACCORDANCE WITH NRA SRW CLAUSE 808 AND COMPACTED IN COMPLIANCE WITH CLAUSE 802.

600mm CAPPING MATERIAL TO COMPRISE OF CLASS 6F2 MATERIAL, IN ACCORDANCE WITH NRA SRW CLAUSE 613 AND COMPACTED IN COMPLIANCE WITH CLAUSE 612. REFER TO GENERAL NOTES.

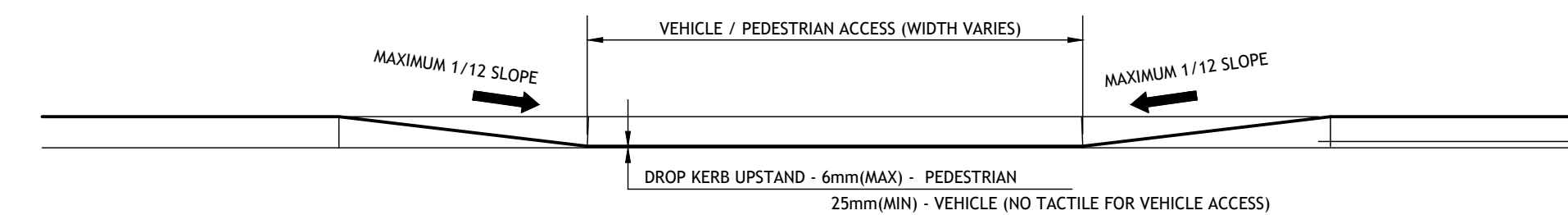
GEOTEXTILE SUBGRADE

**PAVEMENT TYPE 2: ASPHALT ROAD RESIDENTIAL DEVELOPMENT (< 10 HOUSES) OR CYCLEWAY**  
SCALE: 1:20

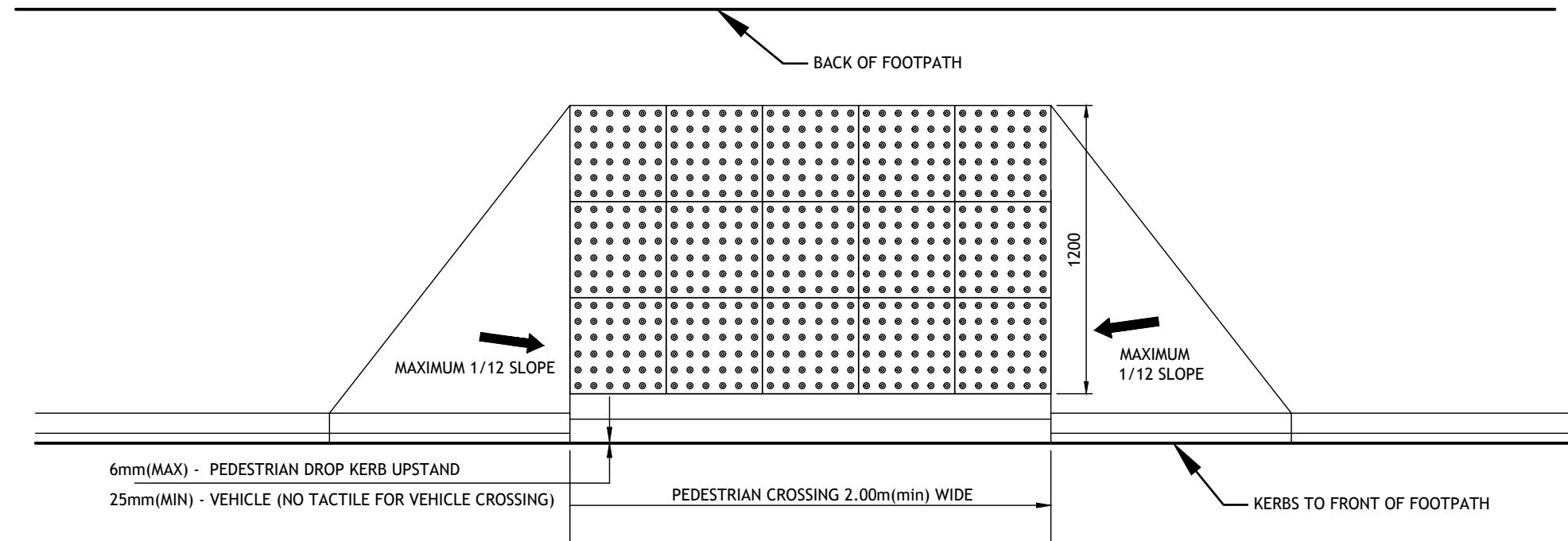


NOTE 100°C HOT BITUMEN BINDER 50 PEN OR COLD THHOTROPIC BITUMEN 50-70 PEN TO BE APPLIED TO ALL VERTICAL CUTS IN ACCORDANCE WITH BS 594 PRIOR TO THE APPLICATION OF BITUMEN MACADAM. JOINTS TO BE SEALED WITH HOT BITUMEN. THE BITUMEN SEALANT SHALL NOT EXCEED 3mm DEPTH AND A WIDTH OF 40mm.

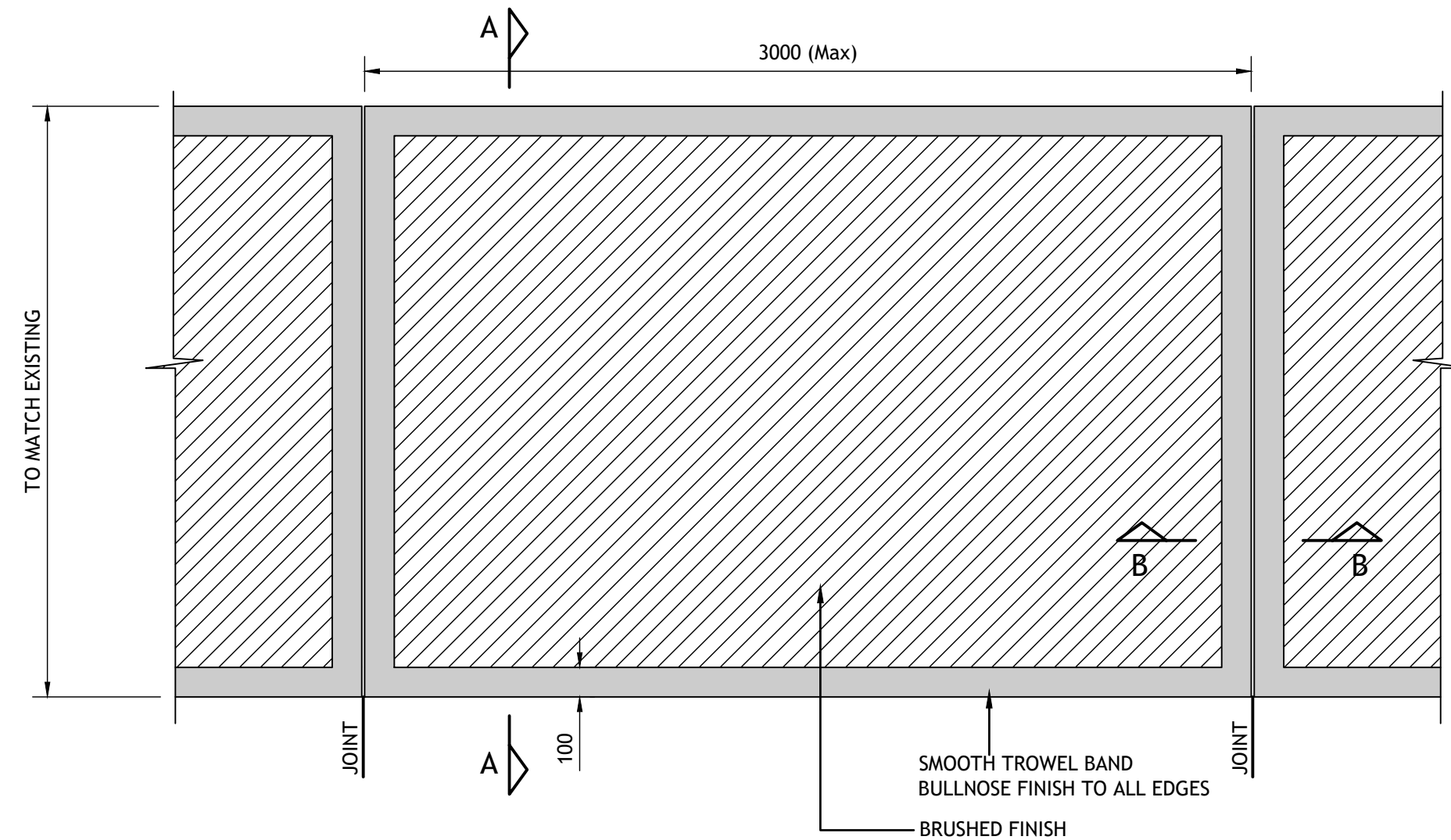
**TRANSITION DETAIL**  
NOT TO SCALE



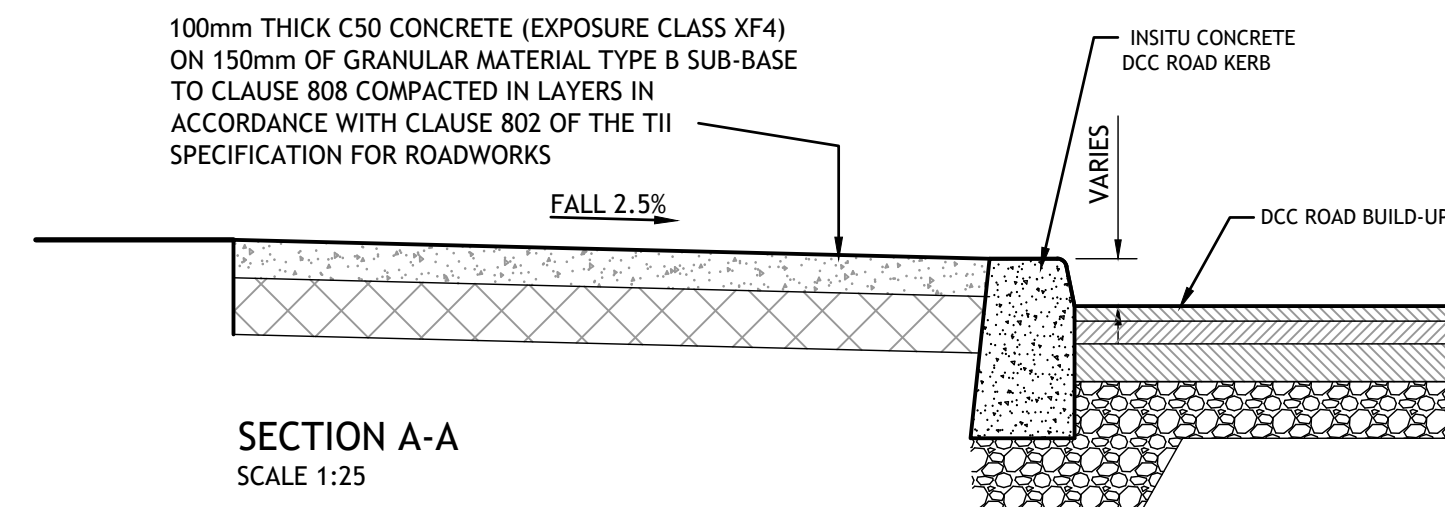
**TYPICAL ELEVATION OF DROPPED KERB (DK)**  
1:20



**TYPICAL PLAN OF DROP KERB (DK)**



**PLAN**  
SCALE 1:25

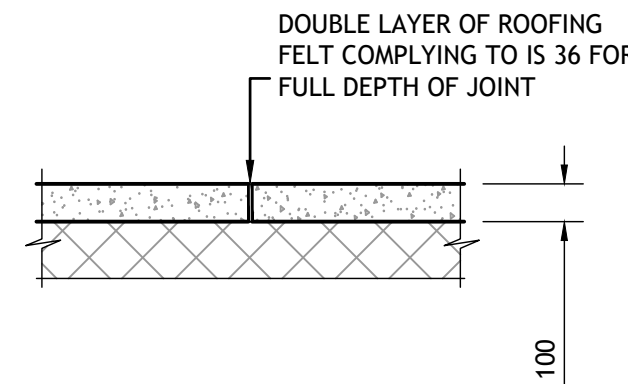


**SECTION A-A**  
SCALE 1:25

**IN-SITU CONCRETE FOOTPATH (CRUMLIN ROAD / RAFTER'S LANE ENTRANCE)**  
SCALE 1:25

**GENERAL NOTES:**

1. PLATE BEARING TESTS TO BE CARRIED OUT BY THE CONTRACTOR 800mm BELOW PROPOSED FINISHED ROAD LEVEL TO CONFIRM CBR VALUE ON SITE. 450x450 PLATE BEARING TESTS TO BE CARRIED OUT AT 20m x20m GRID CENTERS ALONG PROPOSED ROAD. RESULTS TO BE SUBMITTED TO ENGINEER FOR REVIEW PRIOR TO PLACEMENT OF ANY GRANULAR MATERIAL.
2. SOFT SPOTS LESS THAN 2.5% CBR TO BE DUG OUT AND BACKFILLED WITH SELECTED GRANULAR FILL TO CLASS 6C OF TABLE 6/1 OF THE TII SPECIFICATION FOR ROADWORKS.
3. ALL PAVERS AND ASPHALT SURFACES SHALL BE RESTRAINED BY KERBS OF CONCRETE SLABS.



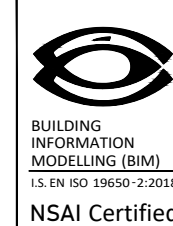
**SECTION B-B (JOINT DETAIL)**  
SCALE 1:25

**NOTES :**

1. AT VEHICULAR ACCESS POINTS CONCRETE SLAB THICKNESS TO BE 150mm REINFORCED WITH A393 MESH TOP & BOTTOM.
2. ALL CONCRETE EDGES AND JOINTS SHALL HAVE BULLNOSED TROWEL FINISH.

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| Rev | Amendment                                        | By | Date       | Rev | Amendment | By | Date | Client: |
|-----|--------------------------------------------------|----|------------|-----|-----------|----|------|---------|
| P01 | PART 8 PLANNING                                  | PF | 14-06-2023 |     |           |    |      |         |
| P02 | SEDUM GREEN ROOF ROOF SYSTEM - MODIFIED TO SEDUM | PF | 16-06-2023 |     |           |    |      |         |
| P03 | RM014 ROADWAY DEATIAL ADDED                      | PF | 28-06-2023 |     |           |    |      |         |
| C01 | PART 8 PLANNING                                  | PF | 01-12-2023 |     |           |    |      |         |



|             |          |                                 |                              |                   |    |                 |              |           |    |
|-------------|----------|---------------------------------|------------------------------|-------------------|----|-----------------|--------------|-----------|----|
| Project:    |          | NEW LIBRARY CRUMLIN ROAD        |                              |                   |    |                 |              |           |    |
| Title:      |          | Standard Details Sheet 03 of 05 |                              |                   |    |                 |              |           |    |
| Drawn:      | PF       | Date drawn:                     | 02-06-2023                   | Technician Check: | NH | Engineer Check: | DT           | Approved: | LB |
| Project No: | 232168   | Model Ref:                      | 232168-PUNCH-XX-XX-M2-0500   |                   |    | Drawing Status: | A0           |           |    |
| Scale @ A1: | AS SHOWN | Document No:                    | 232168-PUNCH-XX-XX-DR-C-0503 |                   |    |                 | Revision No: | P03       |    |