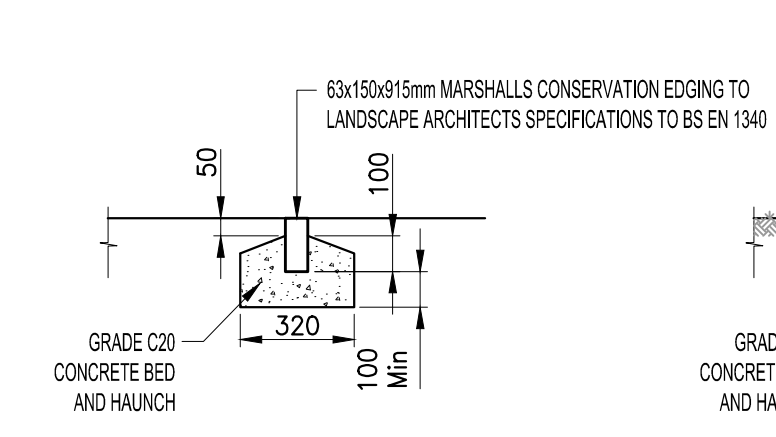
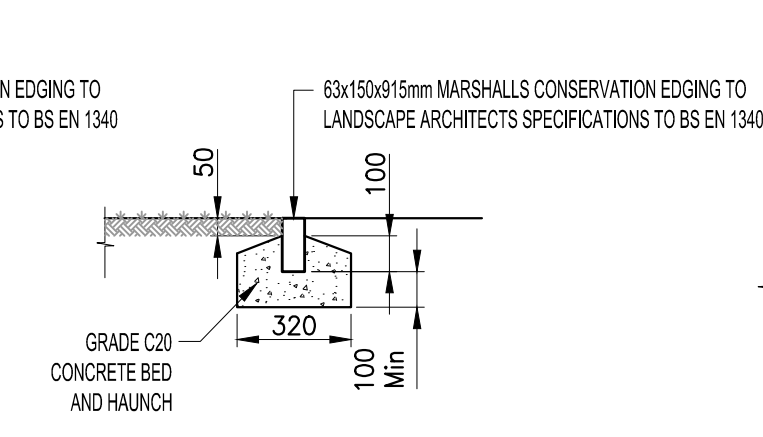


GENERAL NOTES:

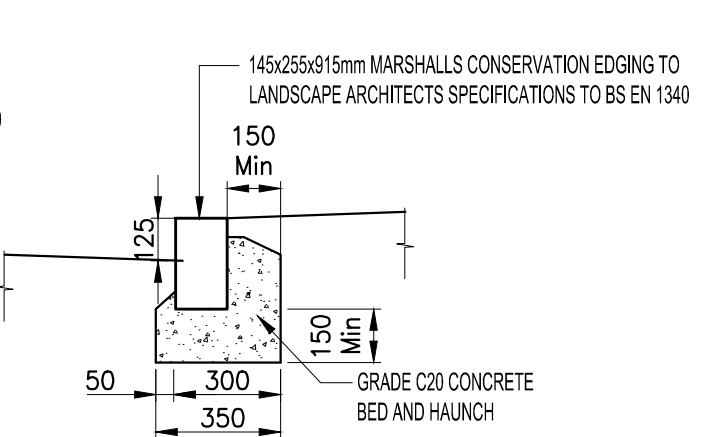
- This drawing is to be read in conjunction with all relevant Architects and Engineers drawings and specifications.
- Do not scale from this drawing. All details and dimensions and levels are to be checked by the contractor prior to commencement of construction. Any discrepancies are to be reported to the Engineer.
- All levels are in meters & dimensions in millimeters unless noted otherwise.
- Design based on topographical survey information available at the time of design. All existing sewers, connections, pipe sizes and invert levels to be confirmed by contractor prior to commencement of works to ensure connectivity. Any variance from the information shown should be reported to the engineer for review.
- Where existing drainage is being used, allowances should be made to remediate this drainage.
- Where there is no requirement to keep existing drainage, allowances should be made to abandon this in line with Curtins drainage specification.
- Any new gully and external surface water inlet positions and associated falls to them are shown indicatively and to be designed set out by the Landscape Architect.
- Cover levels should be confirmed against Landscape Architects level design. Any discrepancy should be raised and coordinated to the engineer ASAP.
- All internal drainage points are shown indicatively and are to be designed and set out by the M&E engineer.
- Any drainage runs and their connections damaged through construction works should be replaced to sufficient standard.
- Curtins accept no responsibility for defects or inadequacies of existing drainage systems. Failure of site drainage due to an issue with these networks are outside of our remit unless specifically instructed otherwise.
- Diversion and abandonment of services associated with these designs by others.
- Soakage devices not considered suitable for this design.
- Lateral connections from internal drain points should be sized to match above ground designs, with minimum size of 1000.
- Drainage details only indicative. To be confirmed at detailed design stage.



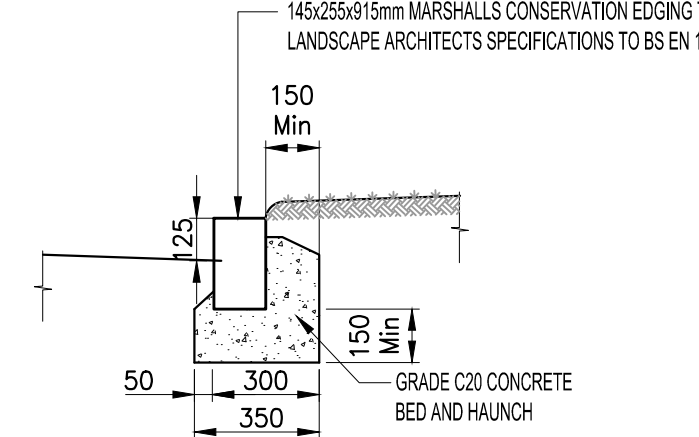
EDGING KERB
(HARD LANDSCAPING TO HARD LANDSCAPING)



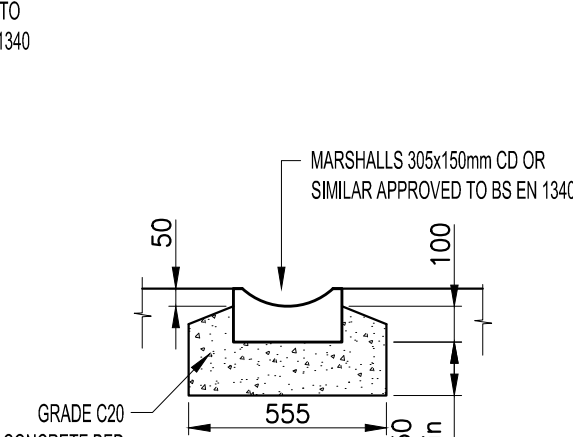
EDGING KERB
(SOFT LANDSCAPING TO HARD LANDSCAPING)



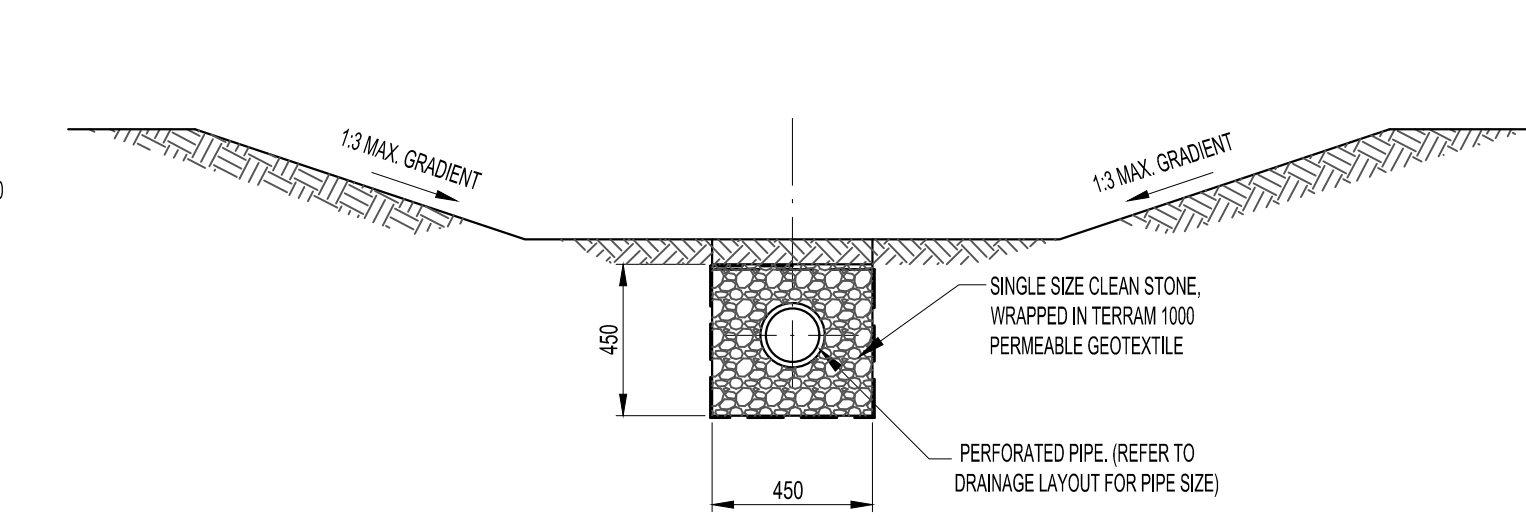
ROAD EDGE KERB
(HARD LANDSCAPING TO HARD LANDSCAPING)



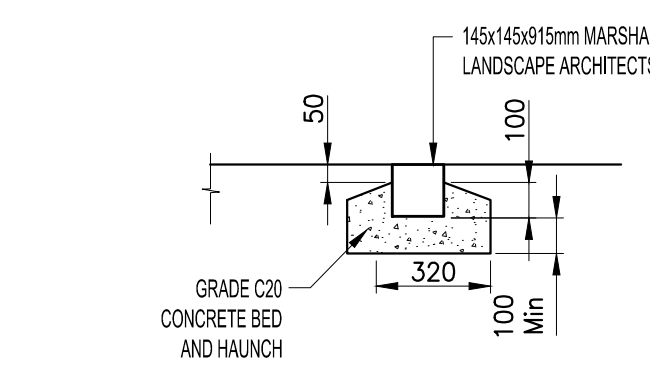
ROAD EDGE KERB
(HARD LANDSCAPING TO SOFT LANDSCAPING)



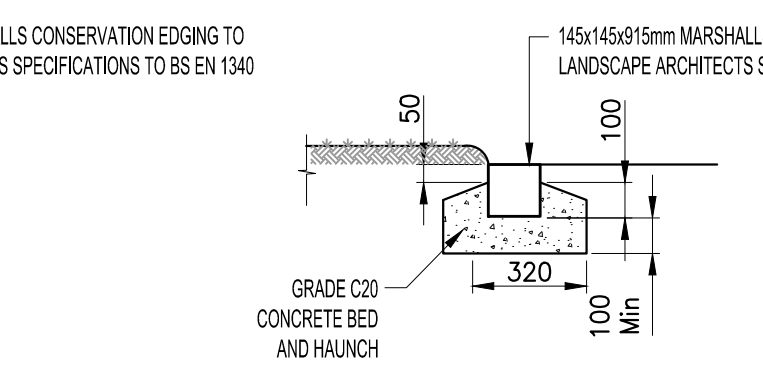
CONCRETE CHANNEL DETAIL



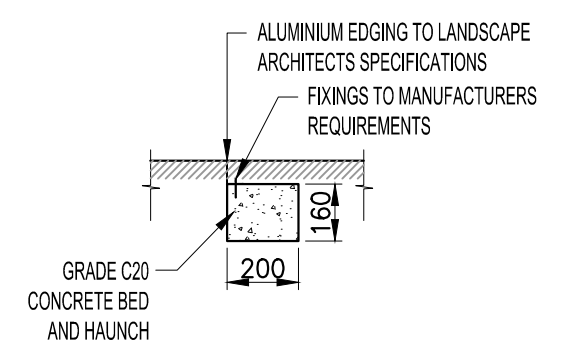
TYPICAL ATTENUATION POND DETAIL



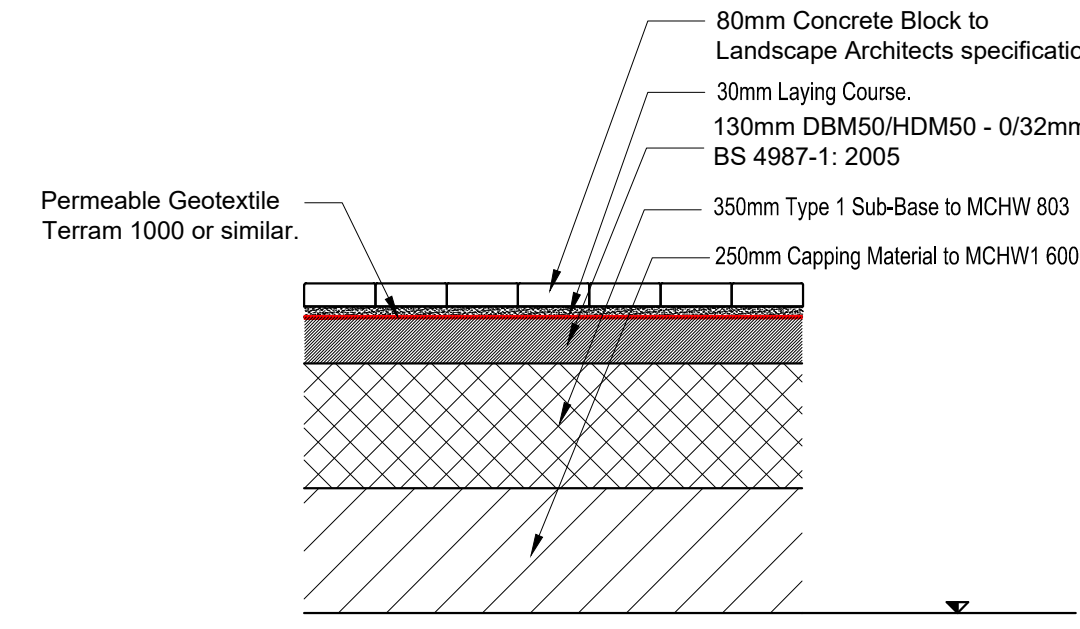
FLUSH KERB
(HARD LANDSCAPING TO HARD LANDSCAPING)



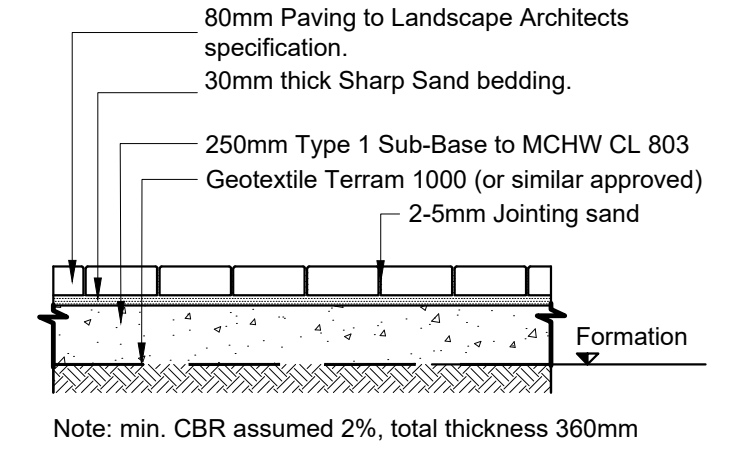
FLUSH KERB
(SOFT LANDSCAPING TO HARD LANDSCAPING)



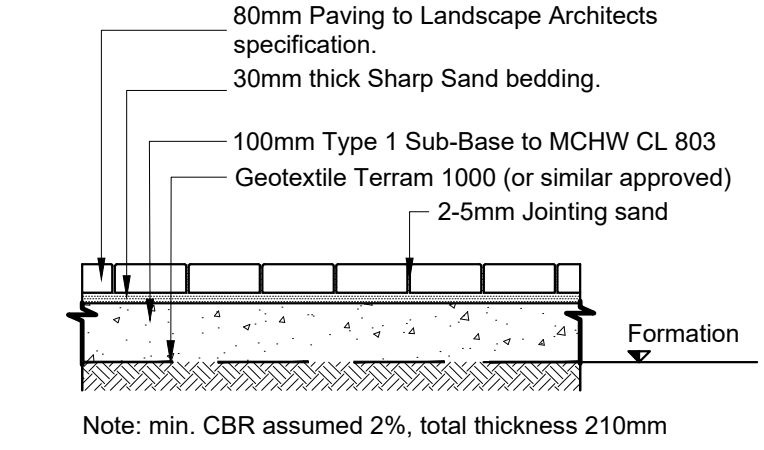
ALUMINIUM EDGING
(HARD LANDSCAPING TO HARD LANDSCAPING)



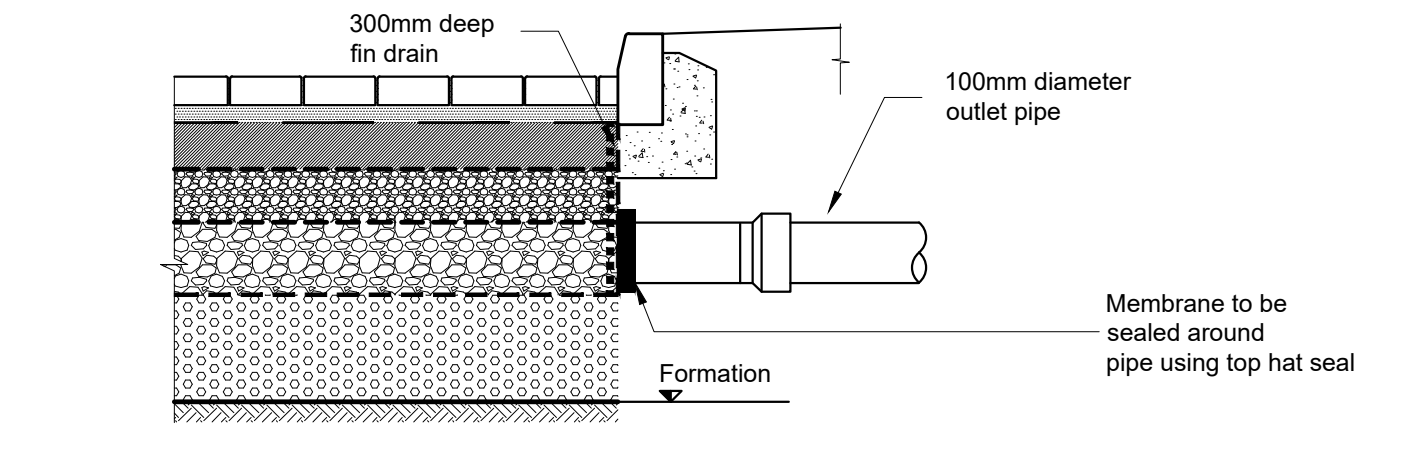
**BLOCK PAVING TO ROADS/
SETT PAVING TO ROAD ENTRANCE POINTS**



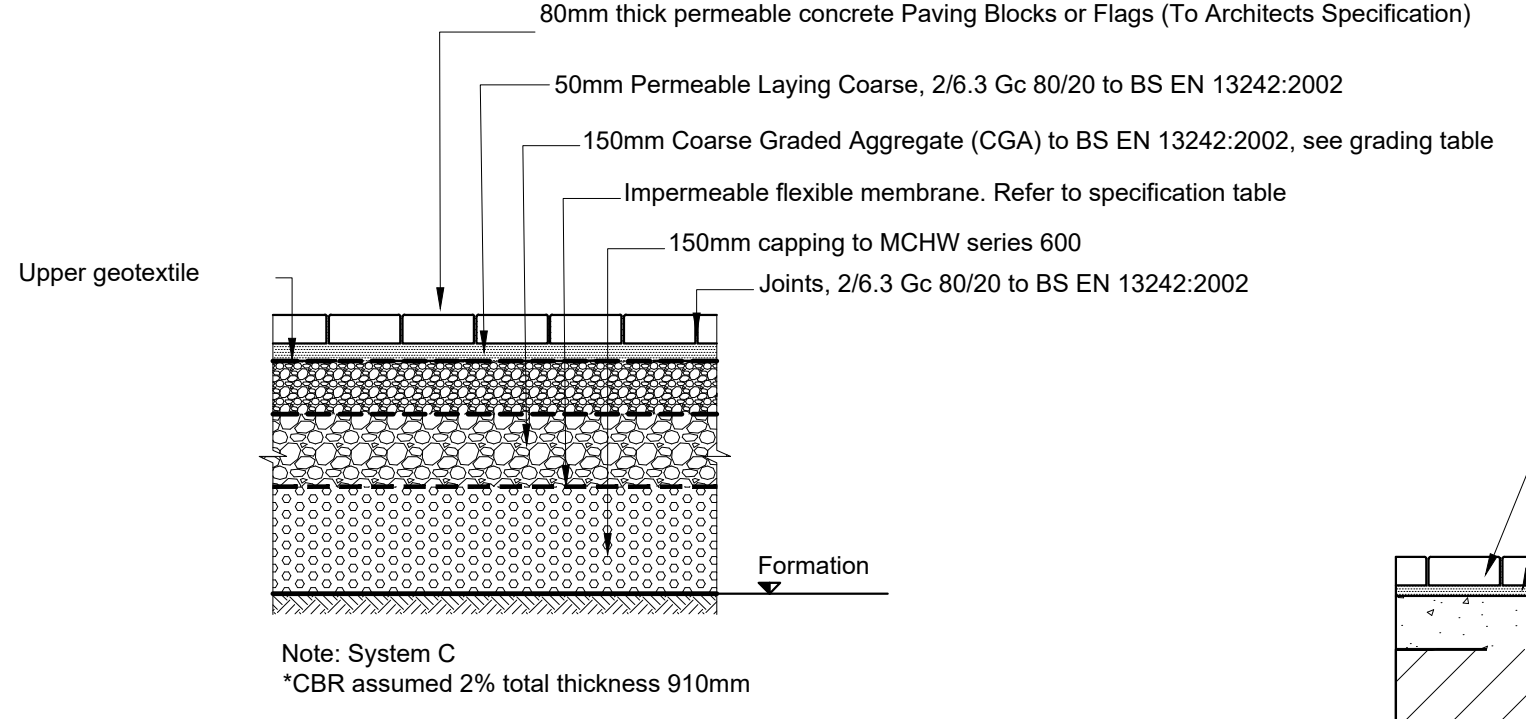
**FOOTWAY PAVEMENT (P2)
LIGHT VEHICLE OVERRUN ALLOWED**



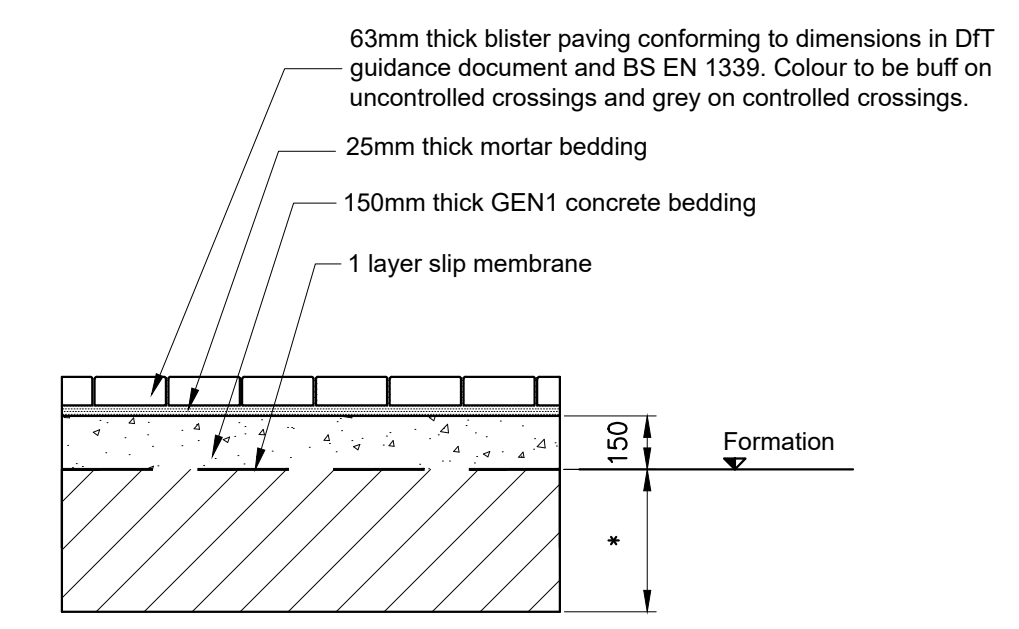
FLAG PAVING TO PRIVATE TERRACES



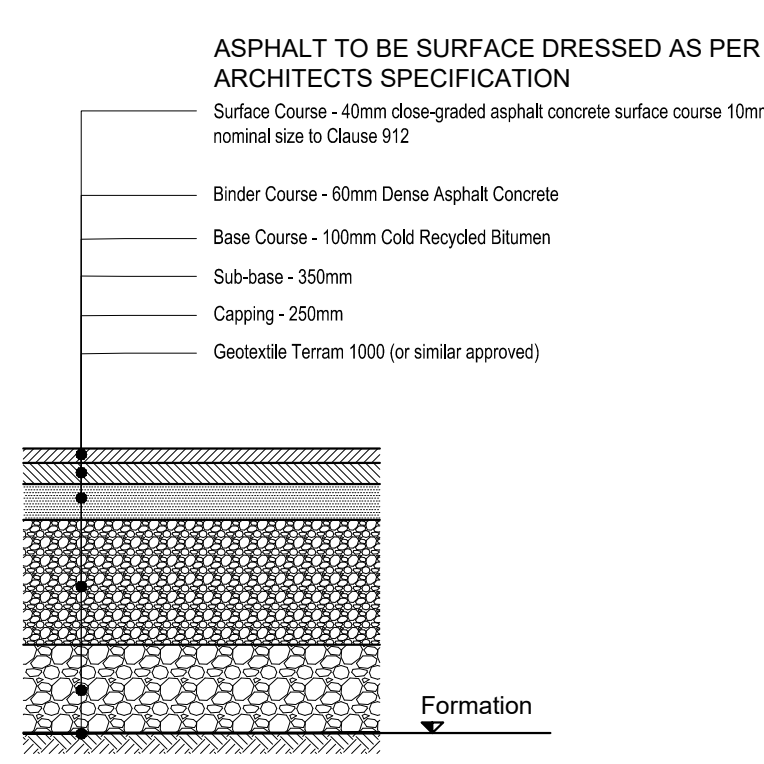
OUTLET DETAIL



**PERMEABLE BLOCK PAVING TO FOOTPATHS/
PERMEABLE FLAG PAVING TO BUILDING ENTRANCE AREAS**



**TACTILE PAVING SLABS TO PEDESTRIAN CROSSING
POINTS**



TOP DRESSED ASPHALT SURFACE

CONSTRUCTION CBR VALUES

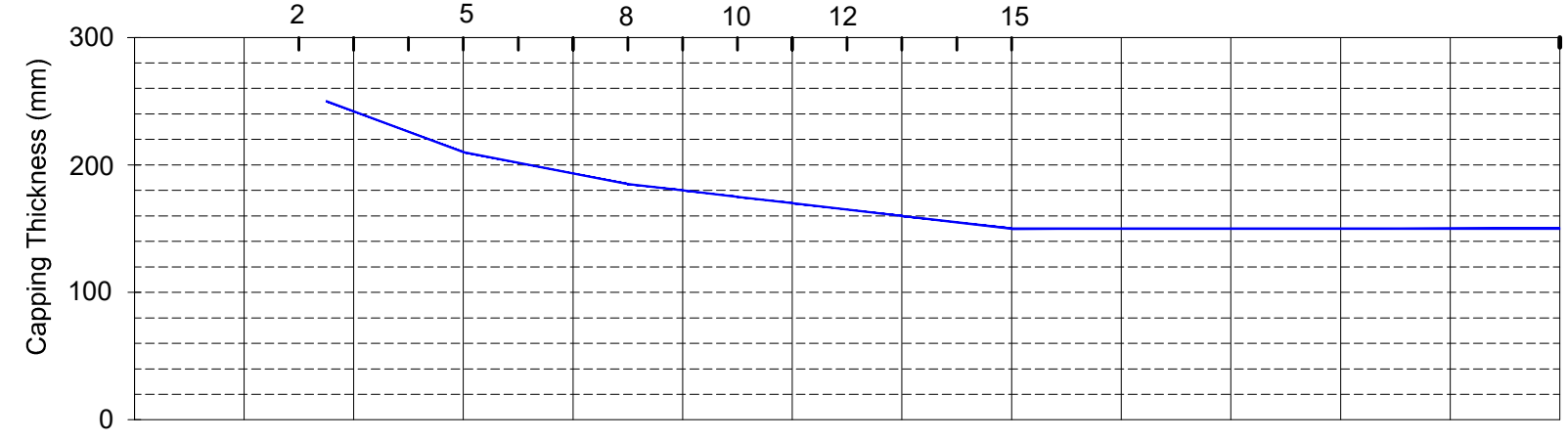
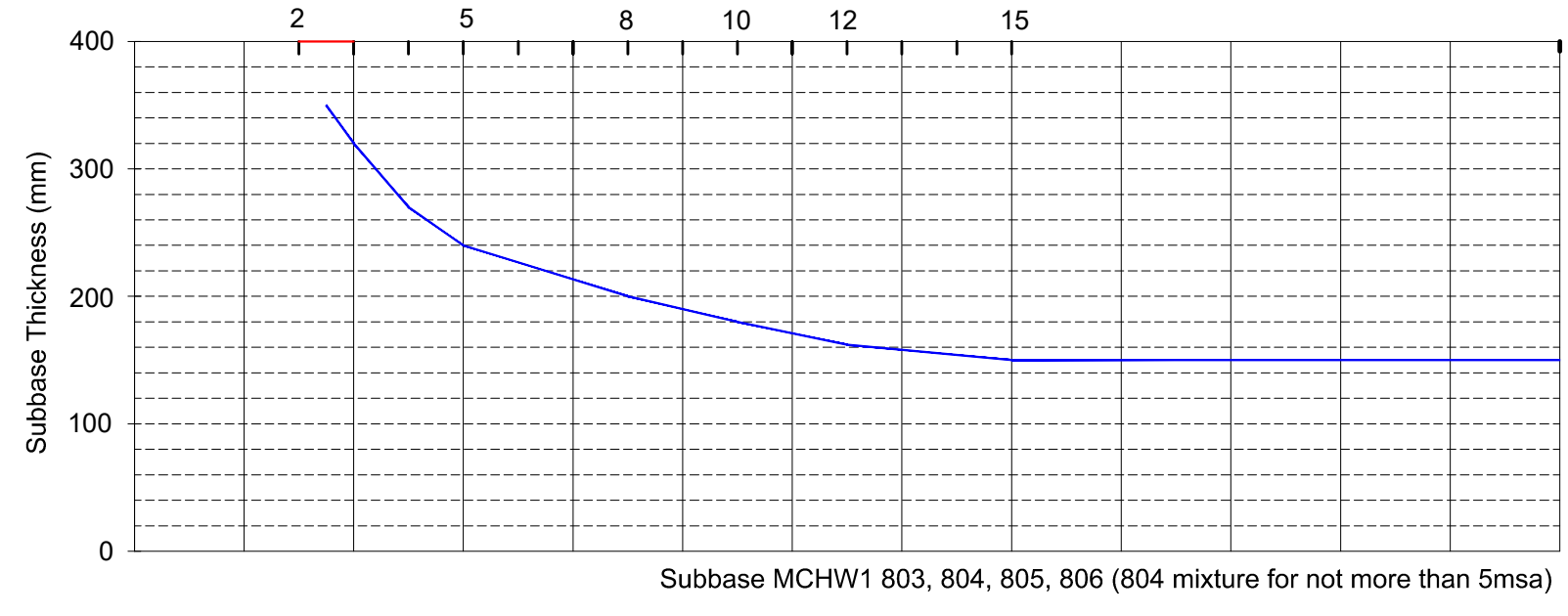
Revise foundation accordingly if CBR is > 2%. Where uplift material is required below formation level, to achieve finished formation levels, 6F2 capping material to MCHW1 Series 600 is to be used.

Details shown for a 2% CBR estimate only. CBR to be confirmed by contractor testing on site and result reported to the engineer.

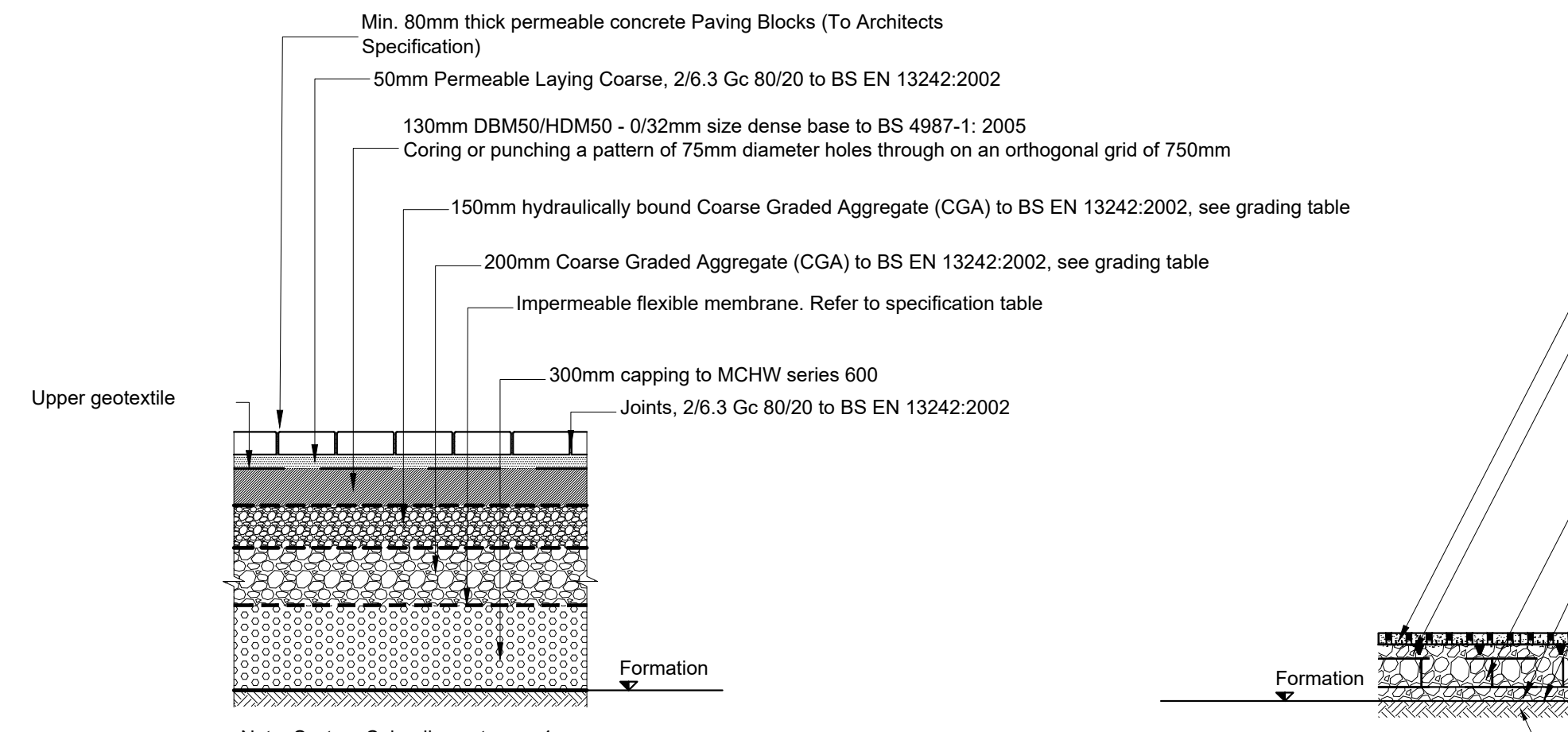
FOOTWAY	
CBR	SUB-BASE
<2%	250mm
2%-5%	200mm
5%+	150mm

** GROUND STABILISATION REQUIRED FOR AREAS WITH CBR <2.5%

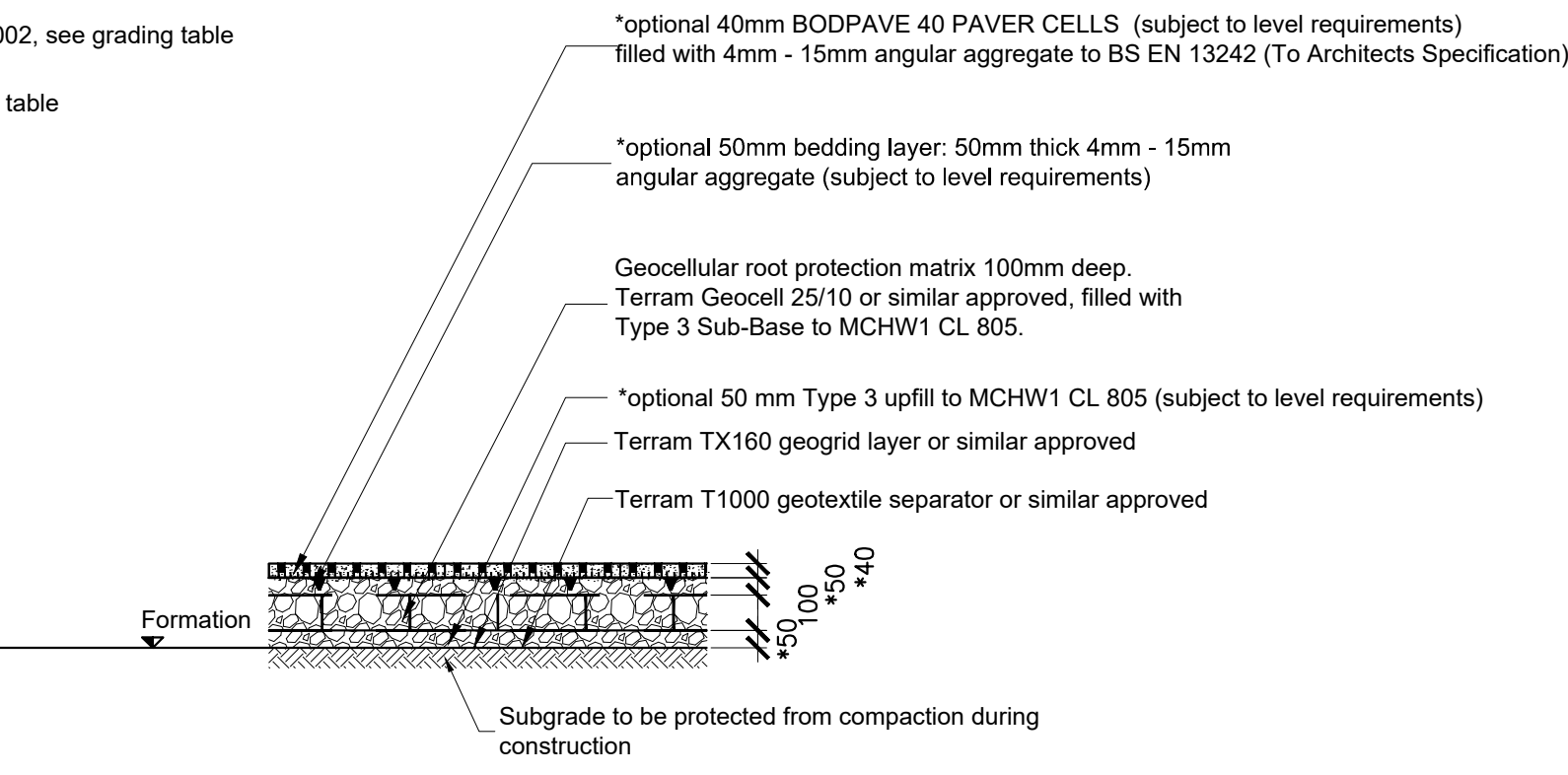
SUB-BASE TO BE TYPE 1 GRANULAR MATERIAL TO DfT SHW CL. 803. THICKNESS MAY BE REDUCED TO 200mm IF SUB-GRADE IS PROVEN TO BE NON-FROST SUSCEPTIBLE.



Capping MCHW1 Series 600




PERMEABLE BLOCK PAVING TO PARKING SPACES



PARKING SPACE SURFACE WITHIN ROOT PROTECTION ZONES

Rev.	Description	Date	By	Chkd.
P05	ATTENUATION POND ADDED	31.10.19	NH	MS
P04	STAGE 4 COMPLETE ISSUE	10.12.18	NH	LG
P03	ASPHALT AND TACTILE PAVEMENT ADDED	22.11.18	FD	LG
P02	TREE ROOT PROTECTION PAVEMENT ADDED	02.11.18	LG	LG
P01	STAGE 4 ISSUE	23.08.18	FD	AS
T01	STAGE 3 ISSUE	20.04.18	DSR	ABS



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Status: **STAGE 4**

Project: **SHREDDED WHEAT, METROPOLITAN**

Dwg Title: **PROPOSED DRAINAGE DETAILS SHEET 3**

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	20/04/2018	D.ROLFE	A.SMITH	R.UPTON
Scale:	NTS			
Project No:	Originator:	Zone:	Level:	Type: Discipline: Category / Number: Rev:
066571 - CUR - 00 - XX - DR - C - 98003				- P05