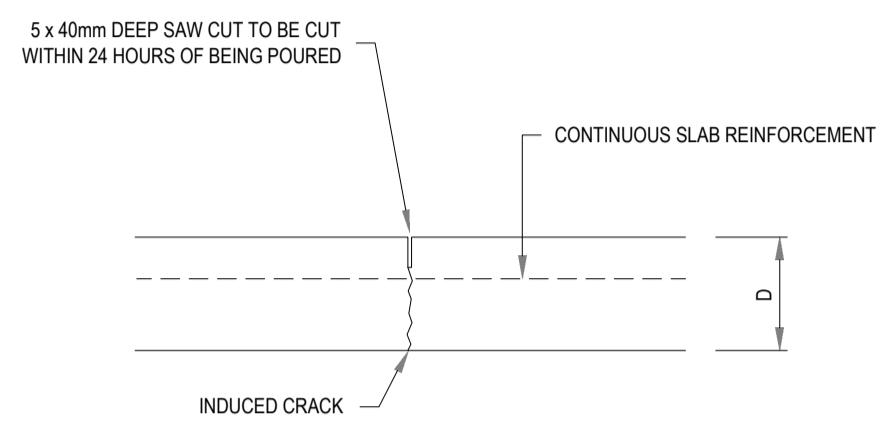
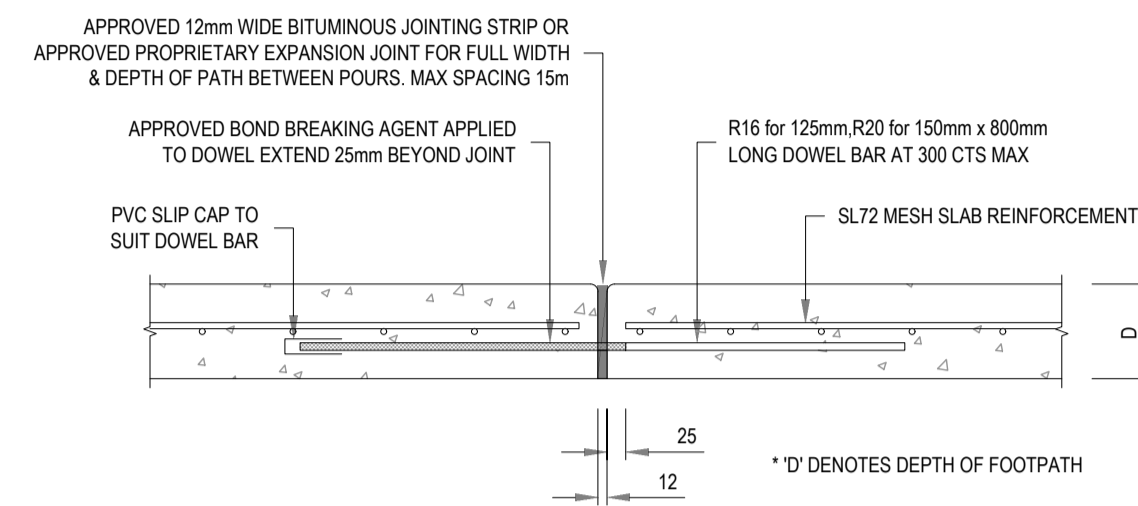


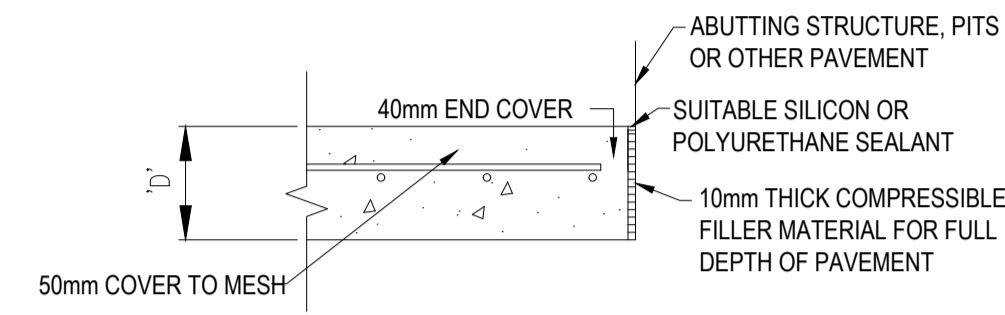
THESE PLANS ARE TO BE READ AND INTERPERETED IN CONJUNCTION WITH THE IDM AND AS3600-2018



**SAWCUT JOINT (SCJ)**  
PLACE AT MAX 4m INTERVALS  
SCALE : N.T.S.

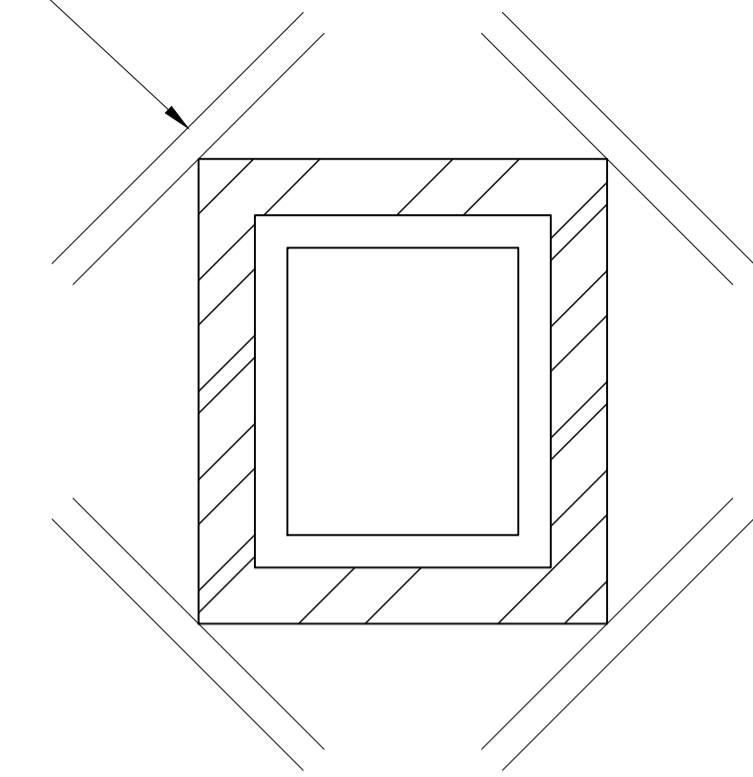


**DOWELLED EXPANSION JOINT (DEJ)**  
PLACE AT MAX 12m INTERVALS  
SCALE : N.T.S.

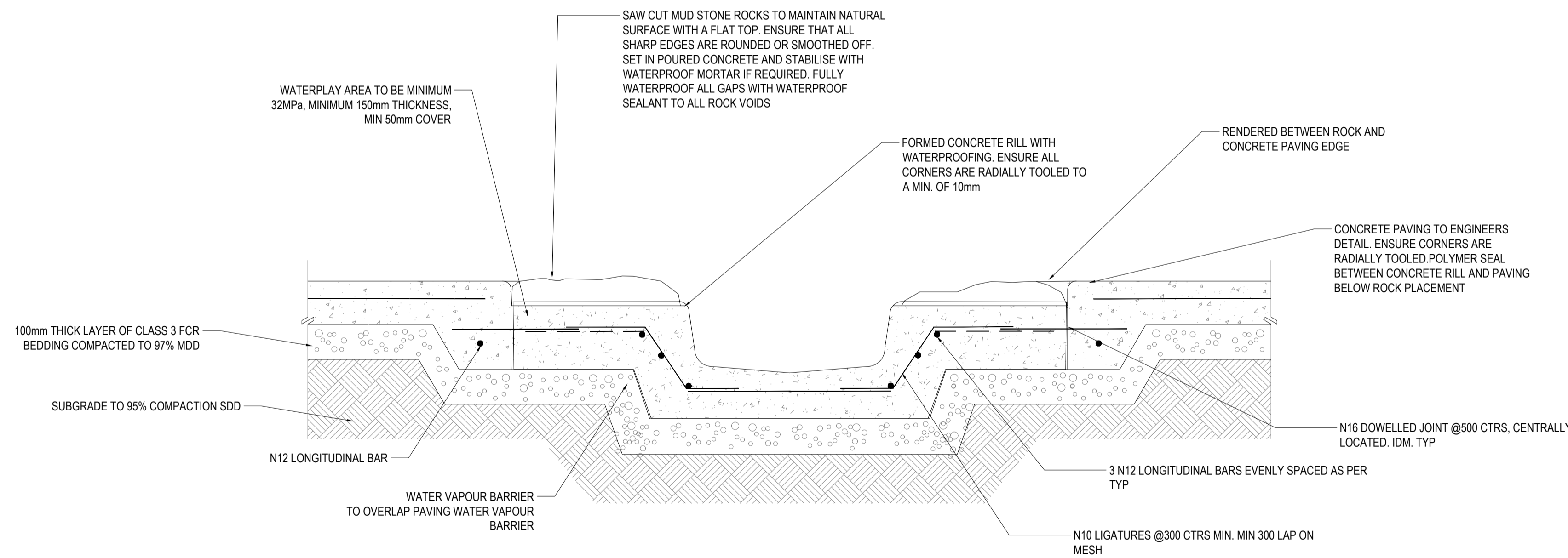


**ISOLATION JOINT (IJ)**  
SCALE : N.T.S.

TYPICAL TRIMMER RE-ENTRANT BARS 2-N12 OR 3-L111TM, 1200 LONG TYPICAL.



**DRAINAGE PIT - RE-ENTRANT BAR DETAIL**  
SCALE : N.T.S.



**WATER PLAY PARK RILL WITH ROCKS**  
SCALE 1:10

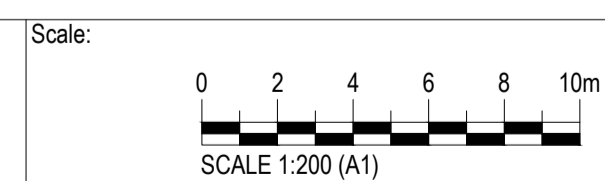
**CONCRETE PAVEMENT JOINT LAYOUT AND SPACING GUIDELINES**

JOINT TYPE	PURPOSE	RECOMMENDED INTERVAL	PLACEMENT/NOTES
SAW-CUT/CONTRACTION JOINT (TRANSVERSE)	CONTROLS SHRINKAGE CRACKS AS CONCRETE CURES.	EVERY 3 TO 4.5 METRES ALONG THE LENGTH OF THE PAVEMENT	PLACE PERPENDICULAR TO THE PAVEMENT'S DIRECTION AT 4m INTERVALS TO CONTROL CRACKING.
LONGITUDINAL JOINT	CONTROLS CRACKING ACROSS THE WIDTH OF WIDER SLABS.	TYPICALLY USED WHEN SLAB WIDTH EXCEEDS 4-4.5 METRES.	NOT NEEDED FOR 3.5M WIDTH UNLESS CRACKING CONCERNS ARISE. ADD ALONG THE CENTRE IF NECESSARY.
ISOLATION JOINT	SEPARATES THE SLAB FROM FIXED STRUCTURES (E.G., DRAINAGE PIT, WALLS).	AROUND FIXED STRUCTURES. NO SPECIFIC INTERVAL.	PLACE AROUND DRAINAGE PIT OR ANY FIXED STRUCTURES TO ALLOW INDEPENDENT MOVEMENT.
DOWELLED EXPANSION JOINT	ALLOWS FOR THERMAL EXPANSION AND CONTRACTION.	EVERY 10-15 METRES FOR LONGER SLABS.	PLACE AT 12M INTERVALS MAXIMUM
CONSTRUCTION JOINT	JOINS SEPARATE CONCRETE POURS (USED WHEN THE POUR IS STOPPED).	WHERE THE POUR STOPS (E.G., AT THE END OF A DAY'S WORK).	ALIGN WITH OTHER JOINTS (E.G., SAW-CUT) TO ENSURE CONTINUOUS CRACK CONTROL.

**NOTES:**

- ALL CONCRETE STRUCTURES MUST BE CONSTRUCTED IN ACCORDANCE WITH AS3600-2018, AND THE INFRASTRUCTURE DESIGN MANUAL WHERE RELEVANT
- SUBGRADE BENEATH CONCRETE STRUCTURES TO COMPRISE OF IN SITU MATERIAL COMPACTED TO ACHIEVE 97% MDD, TO THE SATISFACTION OF THE CONSTRUCTION ENGINEER UNLESS OTHERWISE NOTED
- WATER VAPOUR BARRIER TO BE INSTALLED ON ABOVE GRANULAR LAYER/SUBGRADE ON ALL CONCRETE STRUCTURES.
- SAW CUT TO BE MADE WITHIN 12 HOURS OF CONCRETE POUR.

Rev.	Description	Approved	Date
A	CONCEPT	JF	25/03/26



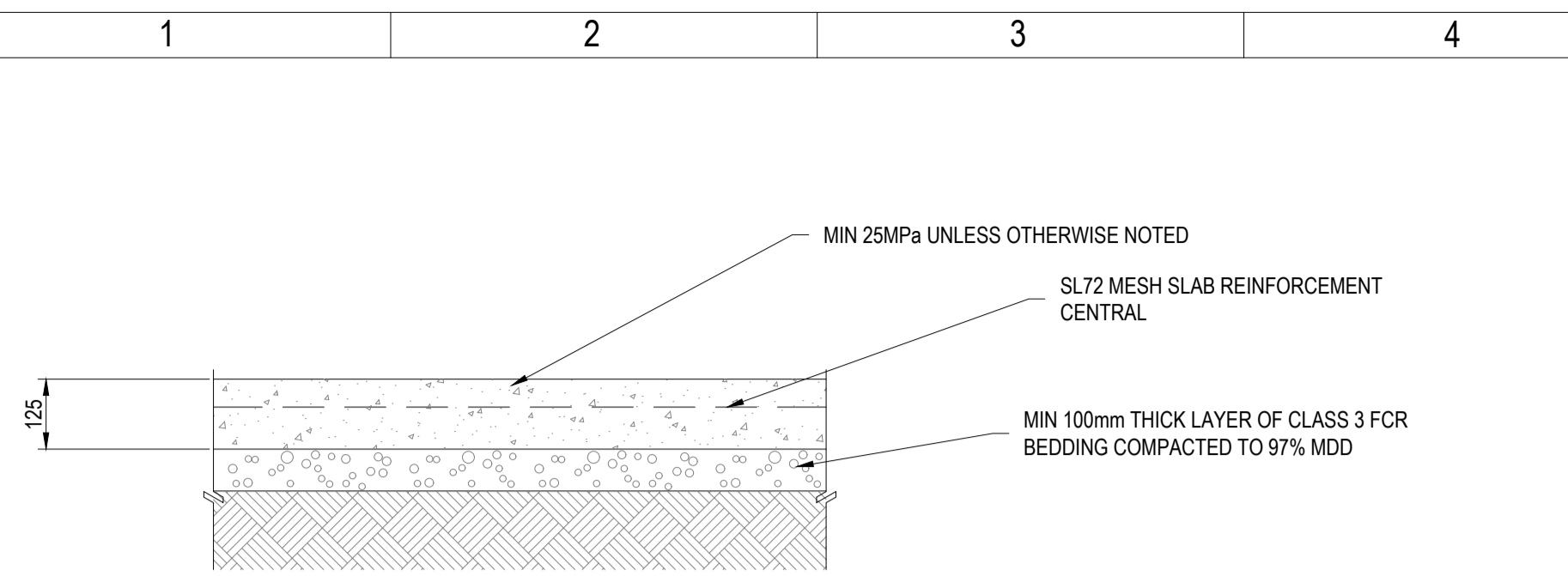
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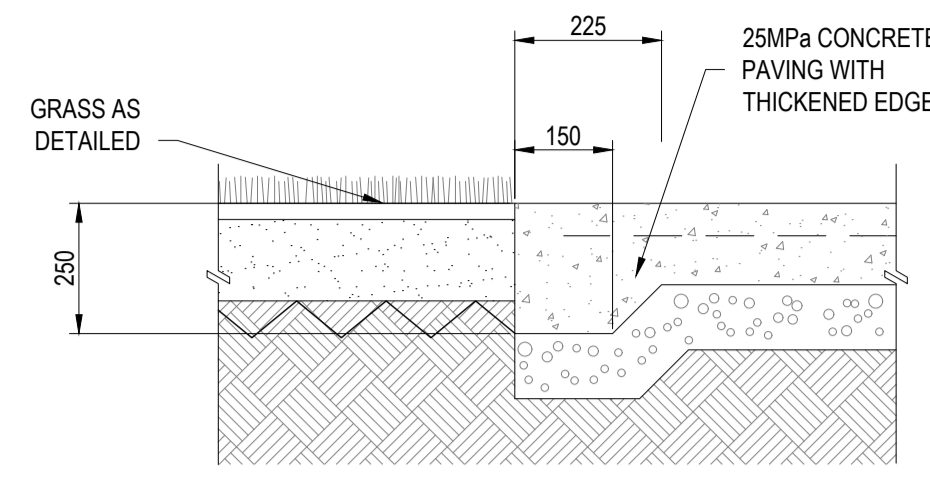
North :   
Drawing Status : **PRELIMINARY ISSUE (NOT FOR CONSTRUCTION)**

**WODONGA CREEK ACTIVATION LANDSCAPING DETAILS COCNRTE TYPICAL SECTIONS 1**

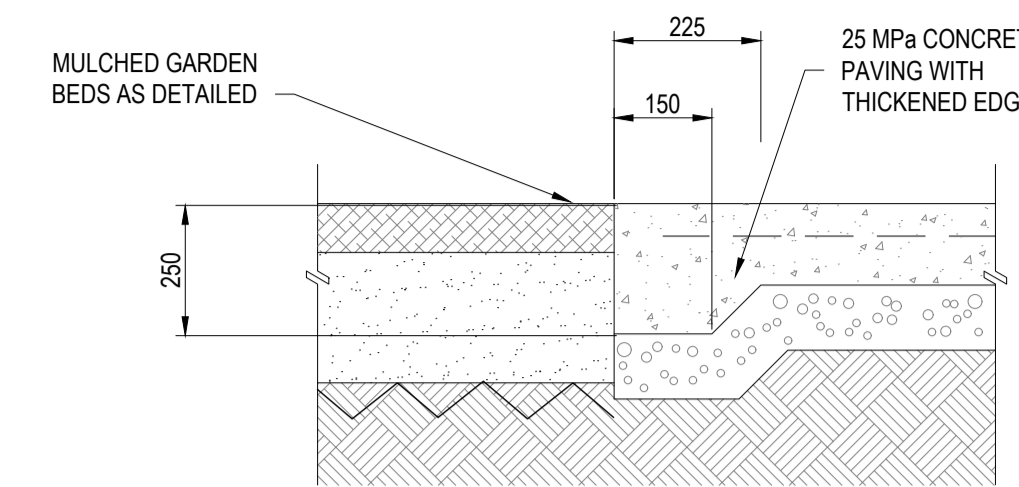
Designed : J.D.F	Date : 17/01/26
Authorised : S.H.W	Checked : S.H.W
Drawing No. : W023022 - TYP C 1	Revision : A



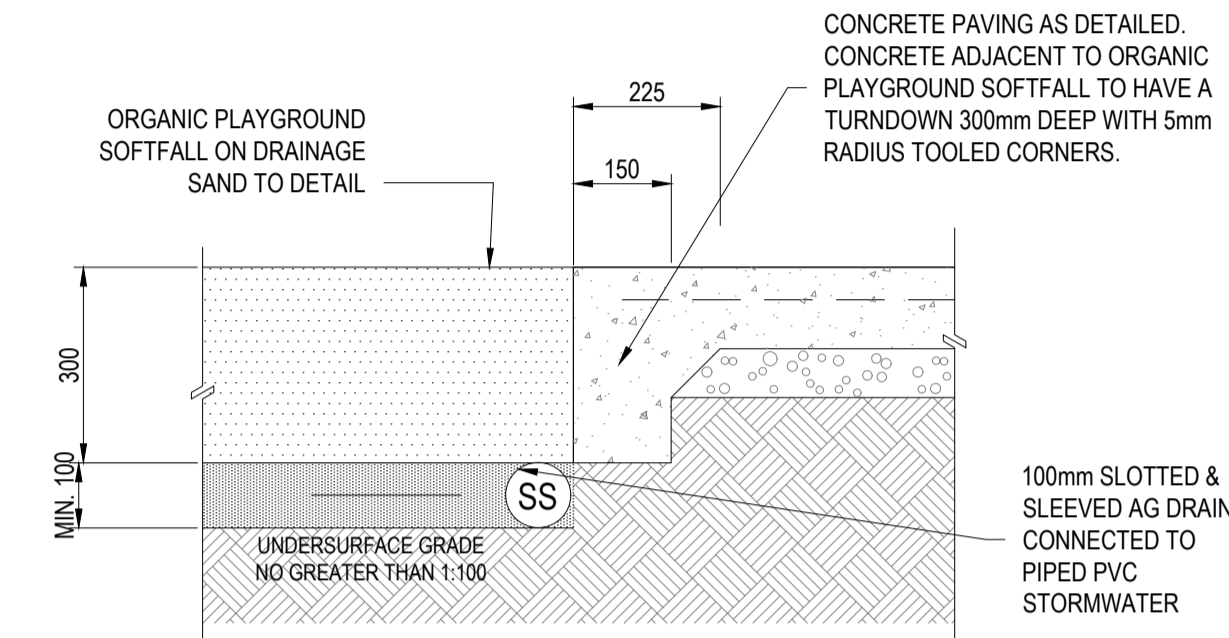
**STD CONCRETE PAVING**  
SCALE 1:10



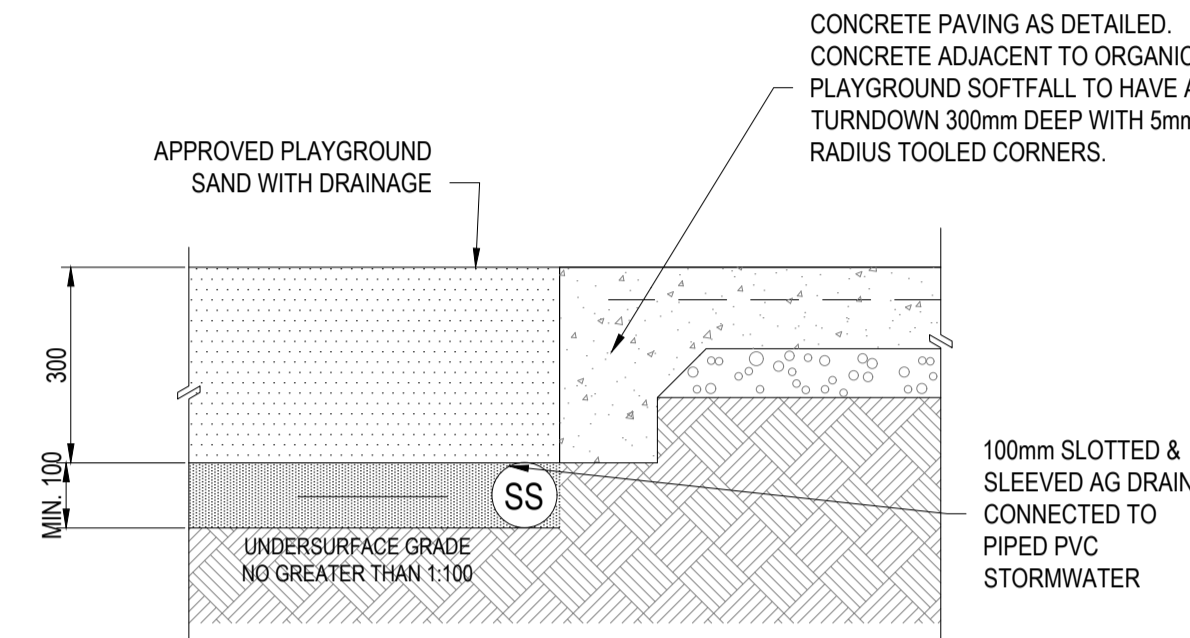
**CONCRETE PAVING TO GRASS**  
SCALE 1:10



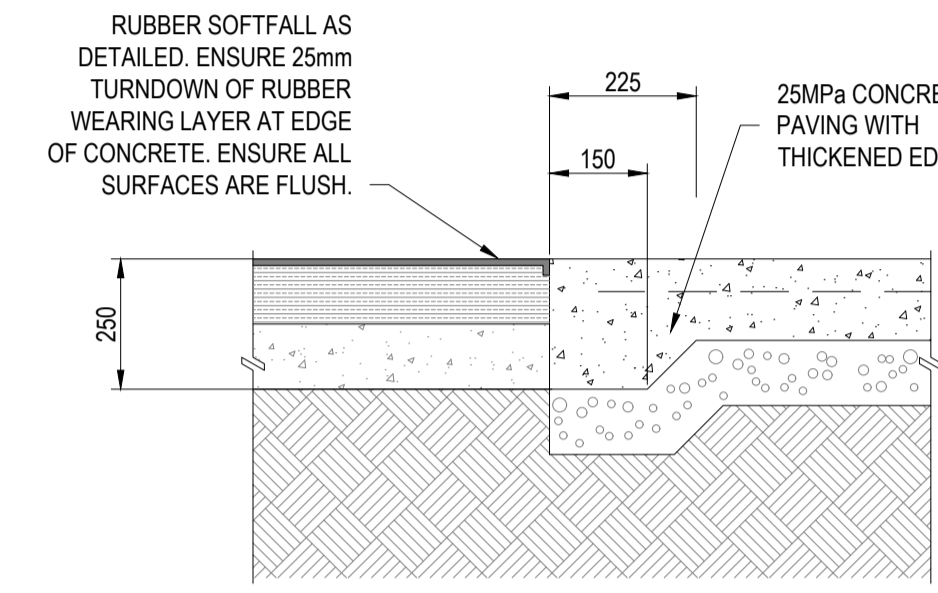
**CONCRETE PAVING TO MULCHED GARDEN BEDS**  
SCALE 1:10



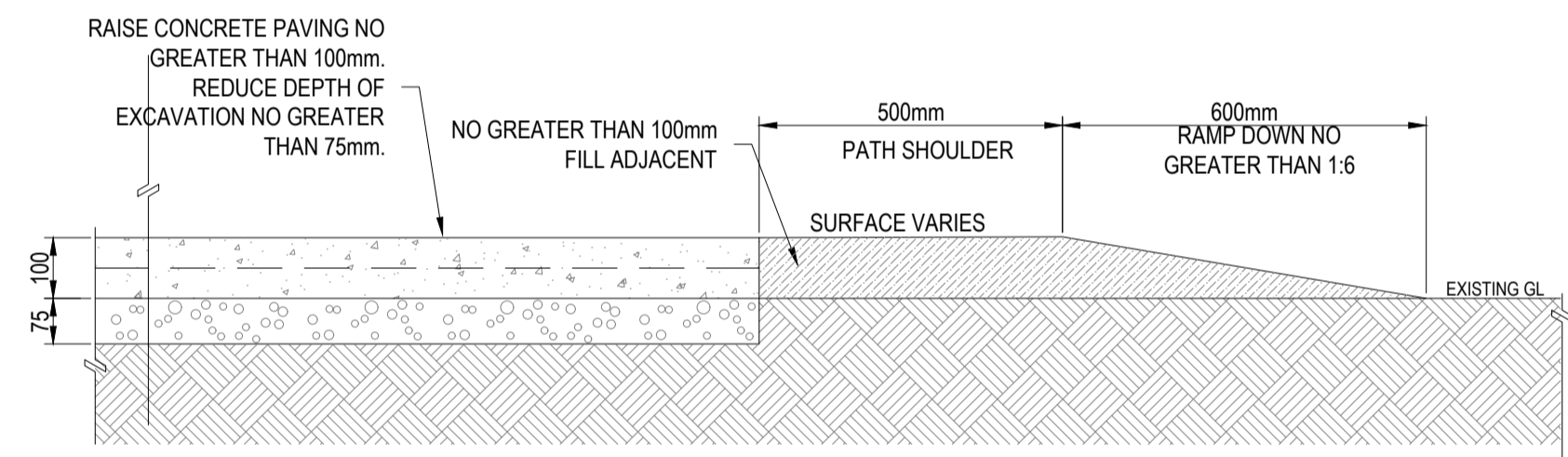
**CONCRETE TURNDOWN TO ORGANIC SOFTFALL**  
SCALE 1:10



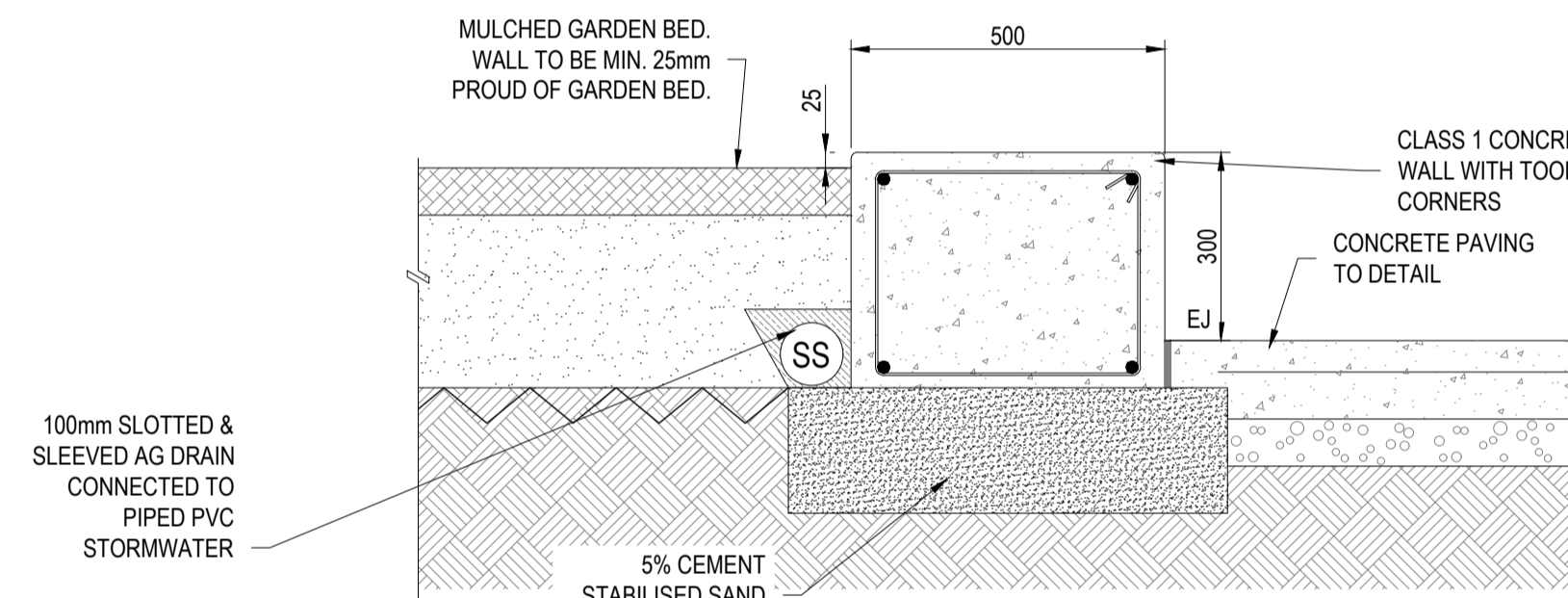
**CONCRETE TURNDOWN TO SAND**  
SCALE 1:10



**CONCRETE PAVING TO RUBBER SOFTFALL**  
SCALE 1:10



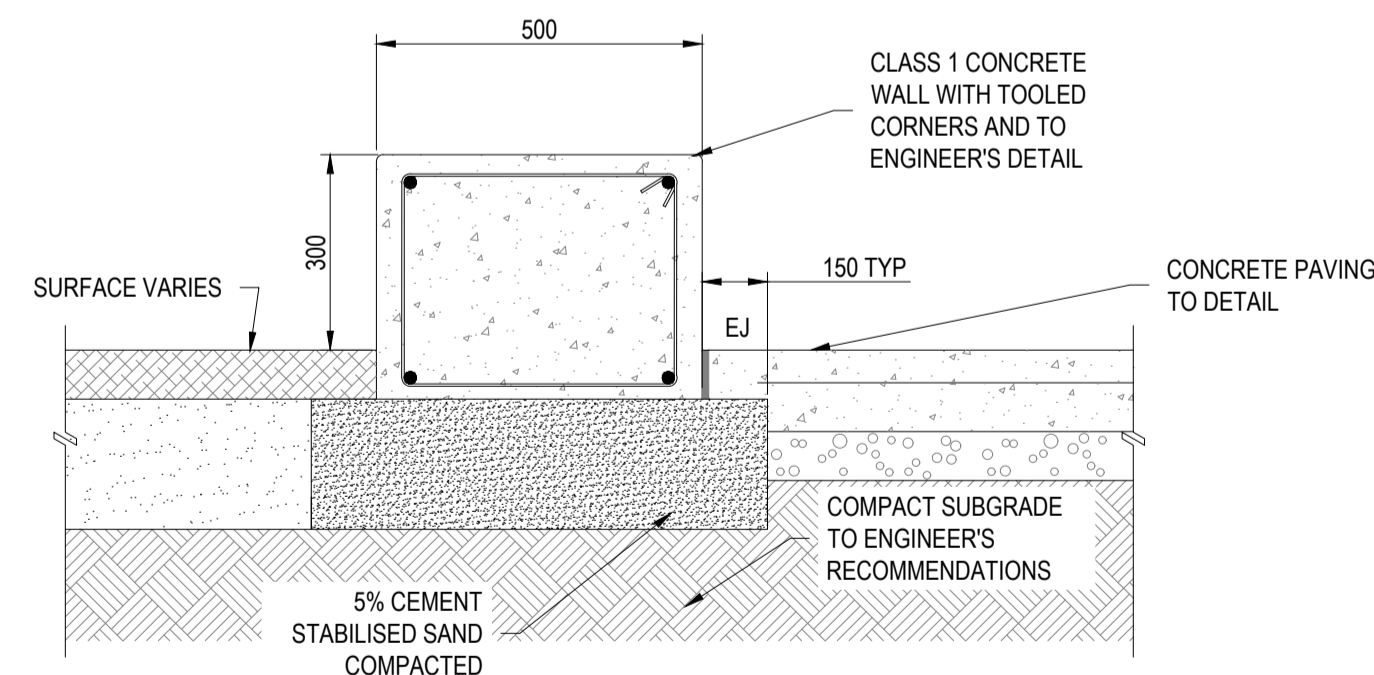
**CONCRETE PAVING WITHIN TPZs**  
SCALE 1:10



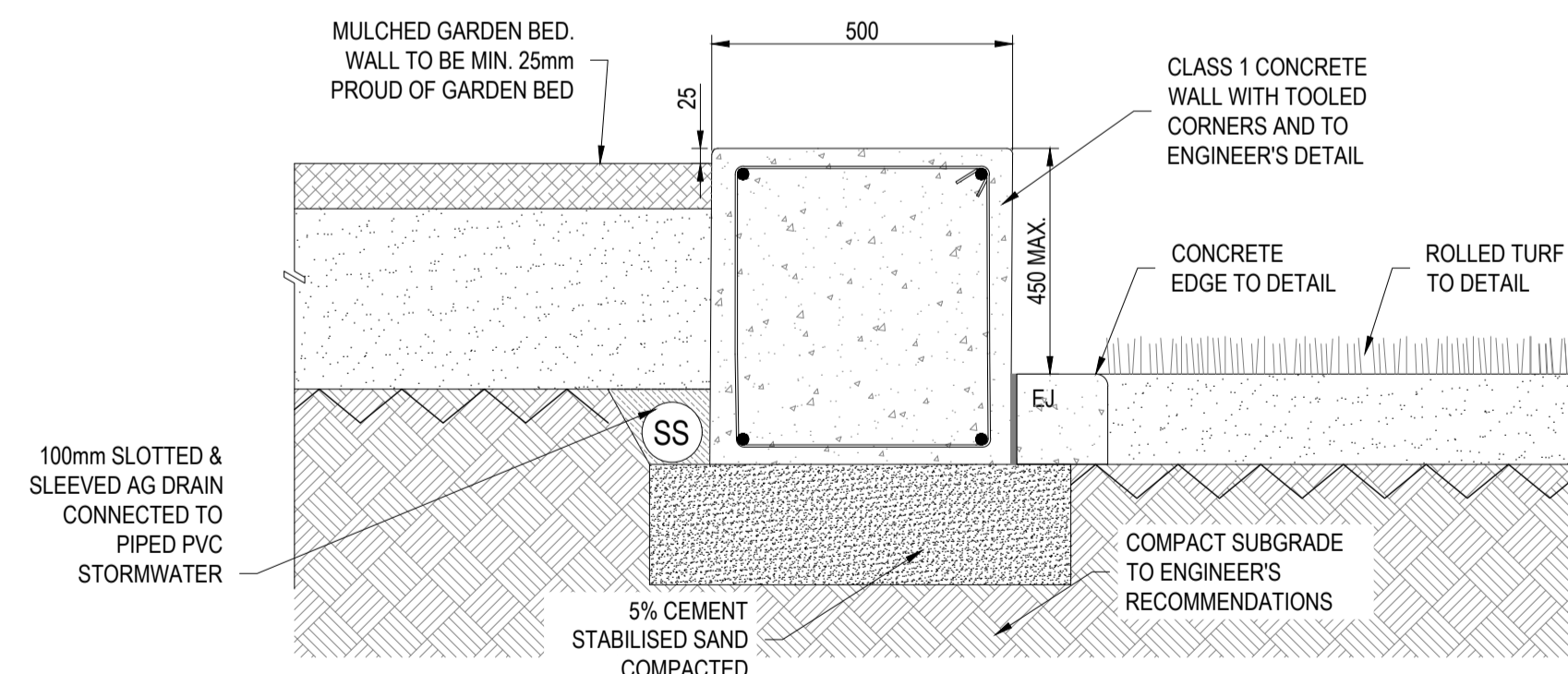
**RETAINING CONCRETE WALL TO PAVING**  
SCALE 1:10

- NOTES:  
1- ALL CONCRETE STRUCTURES MUST BE CONSTRUCTED IN ACCORDANCE WITH AS3600-2018, AND THE INFRASTRUCTURE DESIGN MANUAL WHERE RELEVANT  
2- SUBGRADE BENEATH CONCRETE STRUCTURES TO COMPRISE OF IN SITU MATERIAL COMPACTED TO IDM SPECIFICATION, TO THE SATISFACTION OF THE CONSTRUCTION ENGINEER UNLESS OTHERWISE NOTED  
3- WATER VAPOUR BARRIER TO BE INSTALLED ON ABOVE GRANULAR LAYER/SUBGRADE ON ALL CONCRETE STRUCTURES.

**THESE PLANS ARE TO BE READ AND INTERPERETED IN CONJUNCTION WITH THE IDM AND AS3600-2018**



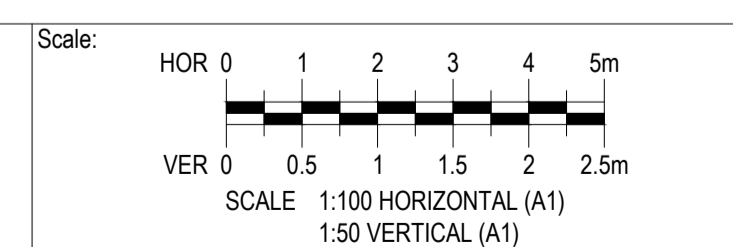
**FREESTANDING CONCRETE WALL**  
SCALE 1:10



**RETAINING CONCRETE WALL TO GRASS**  
SCALE 1:10

**WARNING**  
BEWARE OF UNDERGROUND/OVERHEAD SERVICES  
THE LOCATION OF SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. SPECIAL CONSIDERATION SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES.

Rev.	Description	Approved	Date
A	CONCEPT	JF	25/03/26



Scale:  
HOR 0 1 2 3 4 5m  
VER 0 0.5 1 1.5 2 2.5m  
SCALE 1:100 HORIZONTAL (A1)  
1:50 VERTICAL (A1)

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North:

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**WODONGA CREEK ACTIVATION LANDSCAPING DETAILS CONCRETE TYPICAL SECTIONS PARK**

Designed : J.D.F	Date : 17/01/26
Authorised : S.H.W	Checked : S.H.W
Drawing No. : W023022 -TYP C 2	Revision : A