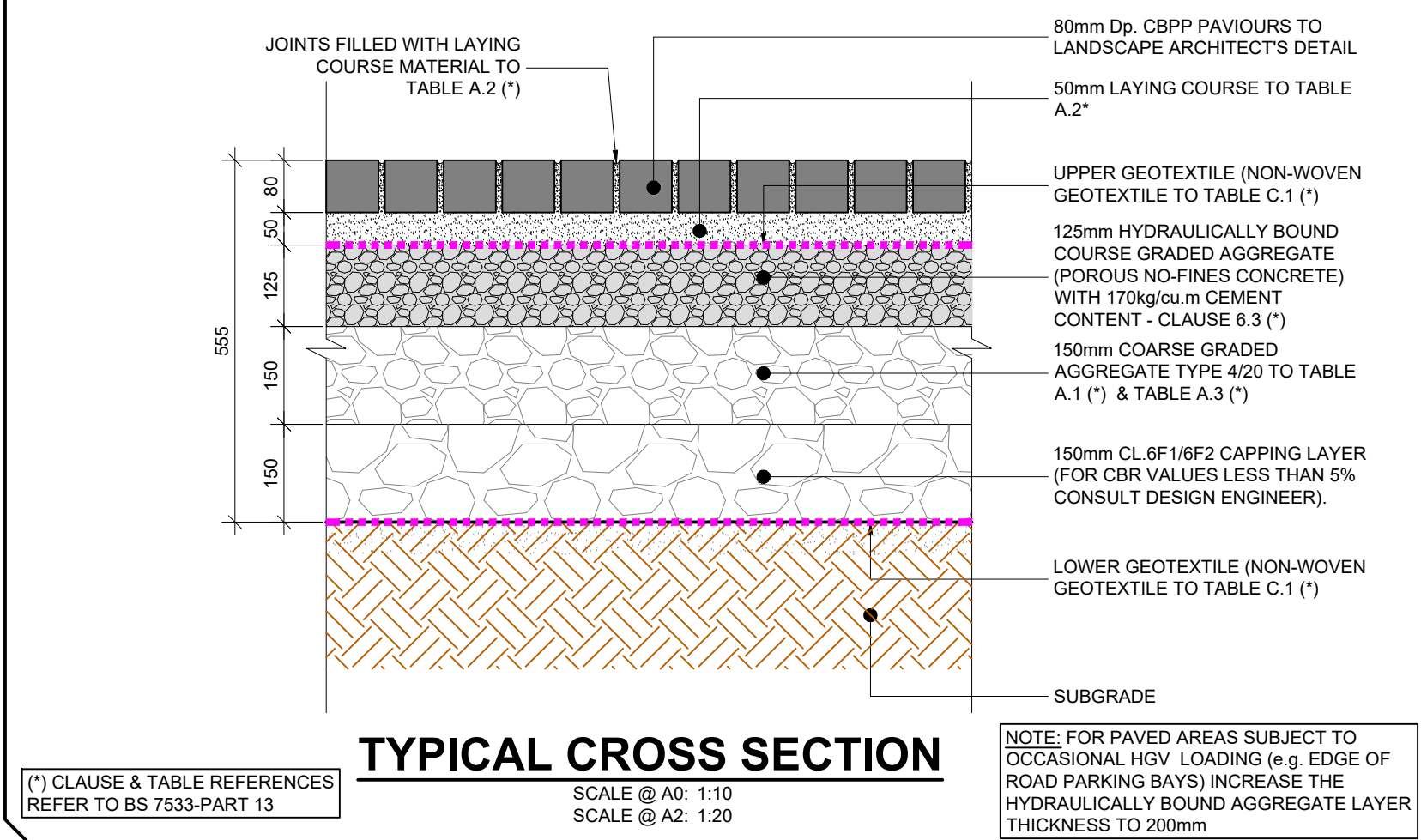
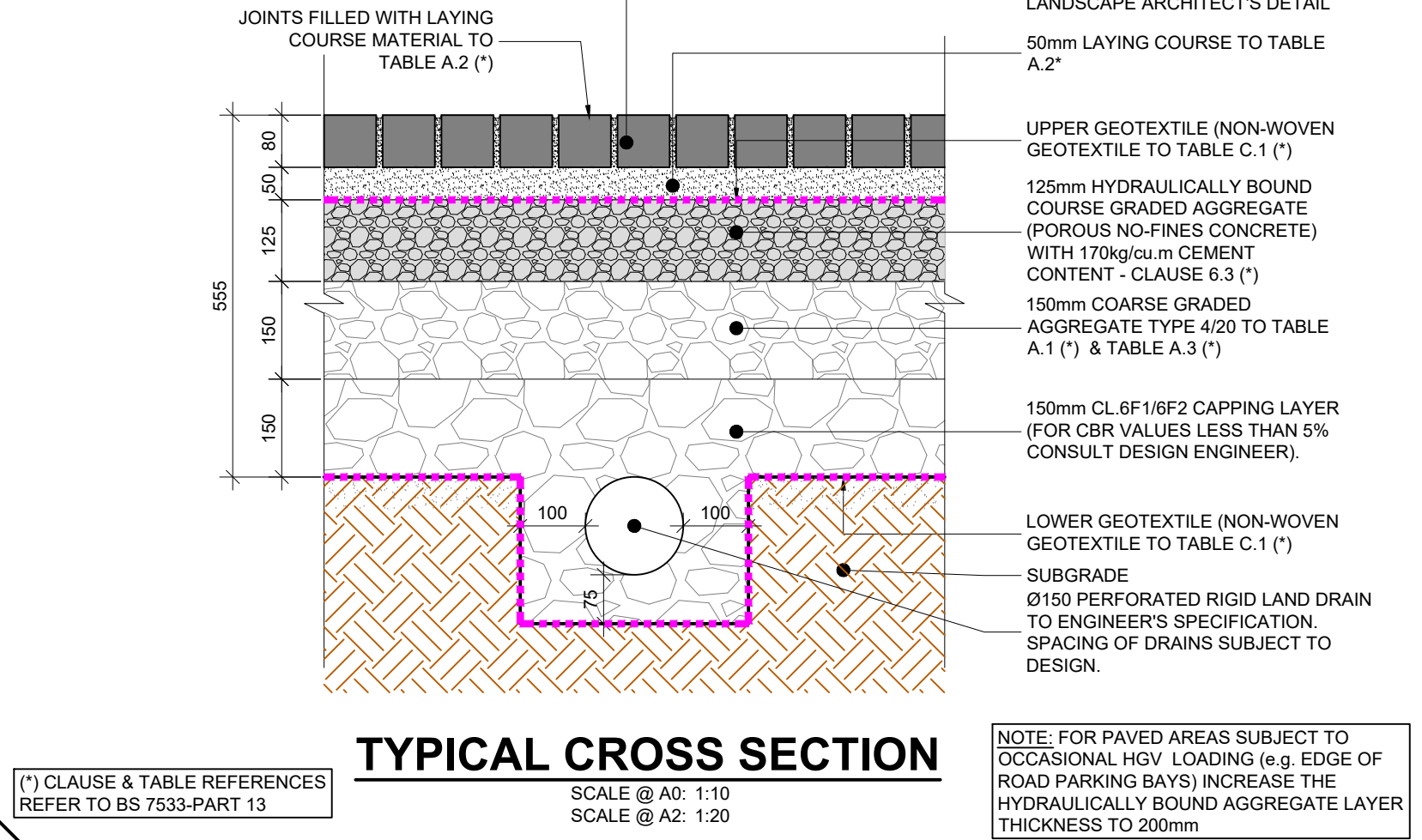


C1 PERMEABLE PAVING TO TRAFFICKED AREAS

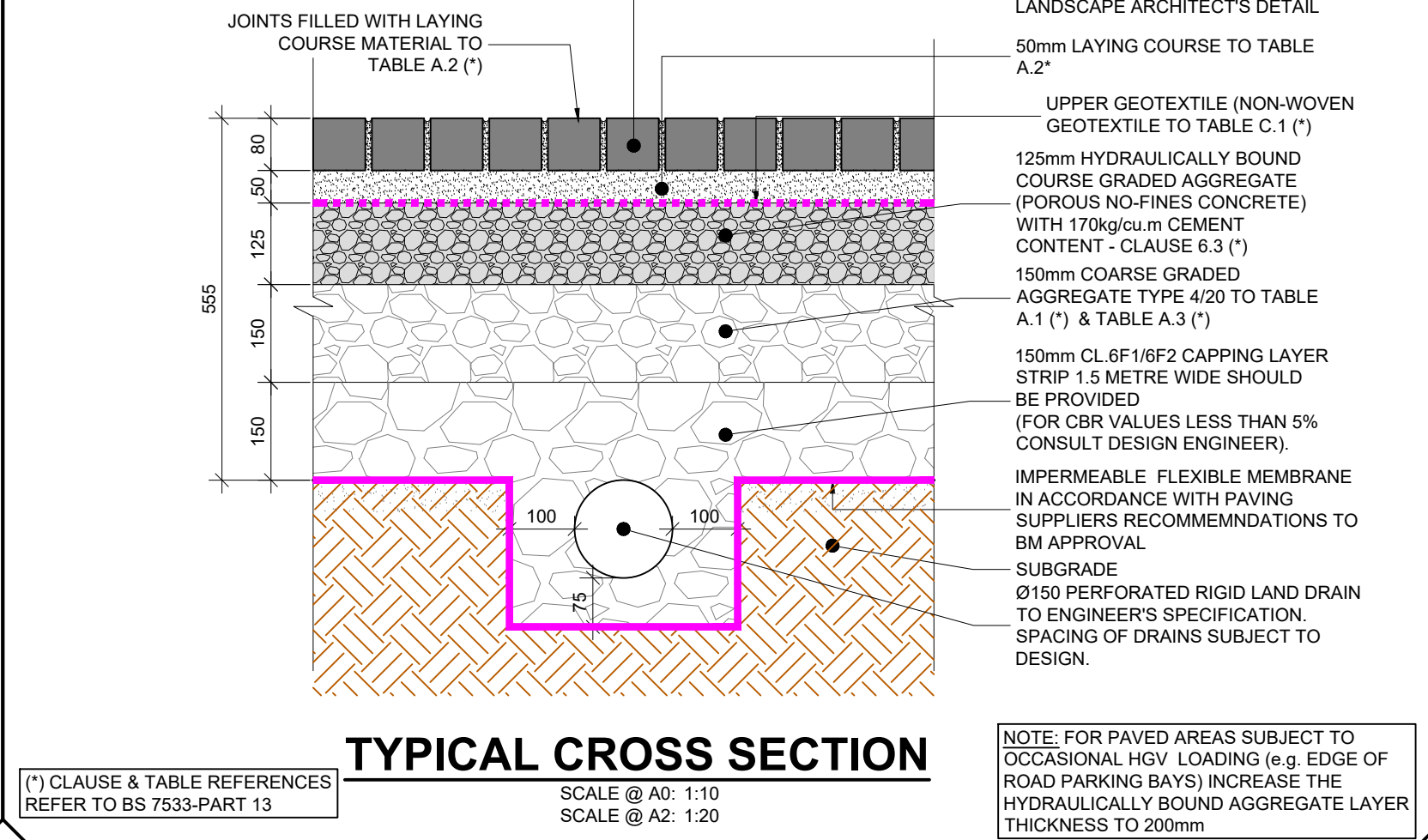
C1.1 SYSTEM 'A' PERMEABLE PAVING TO TRAFFICKED AREAS (FULL INFILTRATION)



C1.2 SYSTEM 'B' PERMEABLE PAVING TO TRAFFICKED AREAS (PARTIAL INFILTRATION)



C1.3 SYSTEM 'C' PERMEABLE PAVING TO TRAFFICKED AREAS (NO INFILTRATION)



MAINTENANCE REQUIREMENTS FOR PERMEABLE PAVEMENTS

REGULAR MAINTENANCE
BRUSHING AND VACUUMING (STANDARD COSMETIC SWEEP OVER WHOLE SURFACE) - ONCE A YEAR, AFTER AUTUMN LEAF FALL, OR REDUCED FREQUENCY AS REQUIRED, BASED ON SITE-SPECIFIC OBSERVATIONS OF CLOGGING OR MANUFACTURER'S RECOMMENDATIONS - PAY PARTICULAR ATTENTION TO AREAS WHERE WATER RUNS ONTO PREVIOUS SURFACE FROM ADJACENT IMPERMEABLE AREAS AS THIS AREA IS MOST LIKELY TO COLLECT THE MOST SEDIMENT
STABILISE AND MOW CONTRIBUTING AND ADJACENT AREAS. FREQUENCY - AS REQUIRED
REMOVAL OF WEEDS OR MANAGEMENT USING GLYPHOSATE APPLIED DIRECTLY INTO THE WEEDS BY AN APPLICATOR RATHER THAN SPRAYING. FREQUENCY - AS REQUIRED - ONCE PER YEAR ON LESS FREQUENTLY USED PAVEMENTS

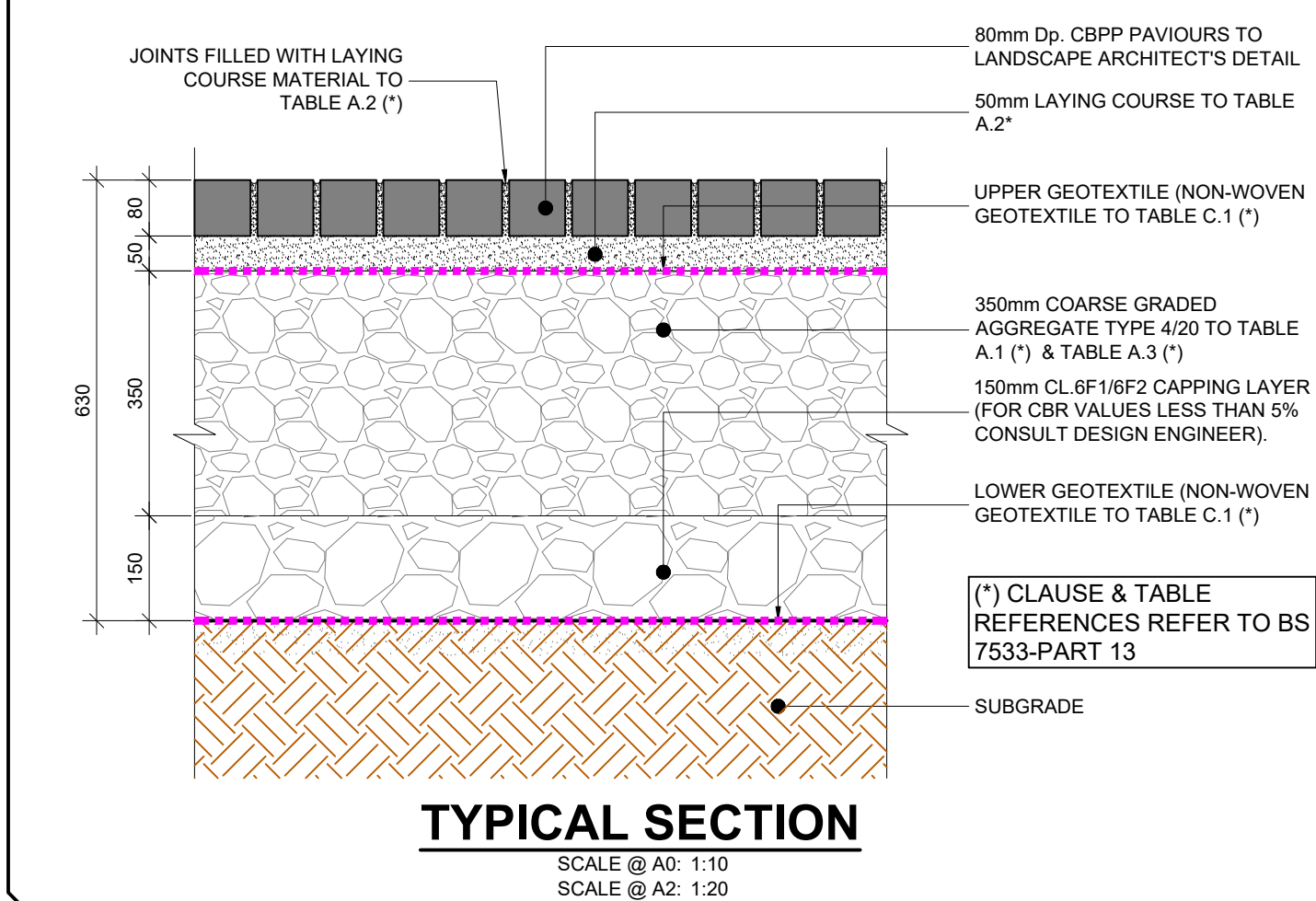
REMEDIAL ACTIONS
REMEDIAL ANY LANDSCAPING WHICH, THROUGH VEGETATION MAINTENANCE OR SOIL SLIP, HAS BEEN RAISED TO WITHIN 50mm OF THE LEVEL OF THE PAVING. FREQUENCY - AS REQUIRED
REMEDIAL WORK TO ANY DEPRESSIONS, RUTTING AND CRACKED OR BROKEN BLOCKS CONSIDERED DETRIMENTAL TO THE STRUCTURAL PERFORMANCE OR A HAZARD TO USERS, AND REPLACEMENT OF LOST JOINTING MATERIAL. FREQUENCY - AS REQUIRED
REHABILITATION OF SURFACE AND UPPER SUBSTRUCTURE BY REMEDIAL SWEEPING. FREQUENCY - EVERY 10 TO 15 YEARS OR AS REQUIRED (IF INFILTRATION PERFORMANCE IS REDUCED DUE TO SIGNIFICANT CLOGGING)

MONITORING
INITIAL INSPECTION: MONTHLY FOR THREE MONTHS AFTER INSTALLATION. INSPECT FOR EVIDENCE OF POOR OPERATION AND/OR WEED GROWTH AND IF REQUIRED, TAKE REMEDIAL ACTION
THREE-MONTHLY, 48 H AFTER LARGE STORMS IN FIRST SIX MONTHS: INSPECT SILT ACCUMULATION RATES AND ESTABLISH APPROPRIATE BRUSHING FREQUENCIES.
MONITOR INSPECTION CHAMBERS ANNUALLY

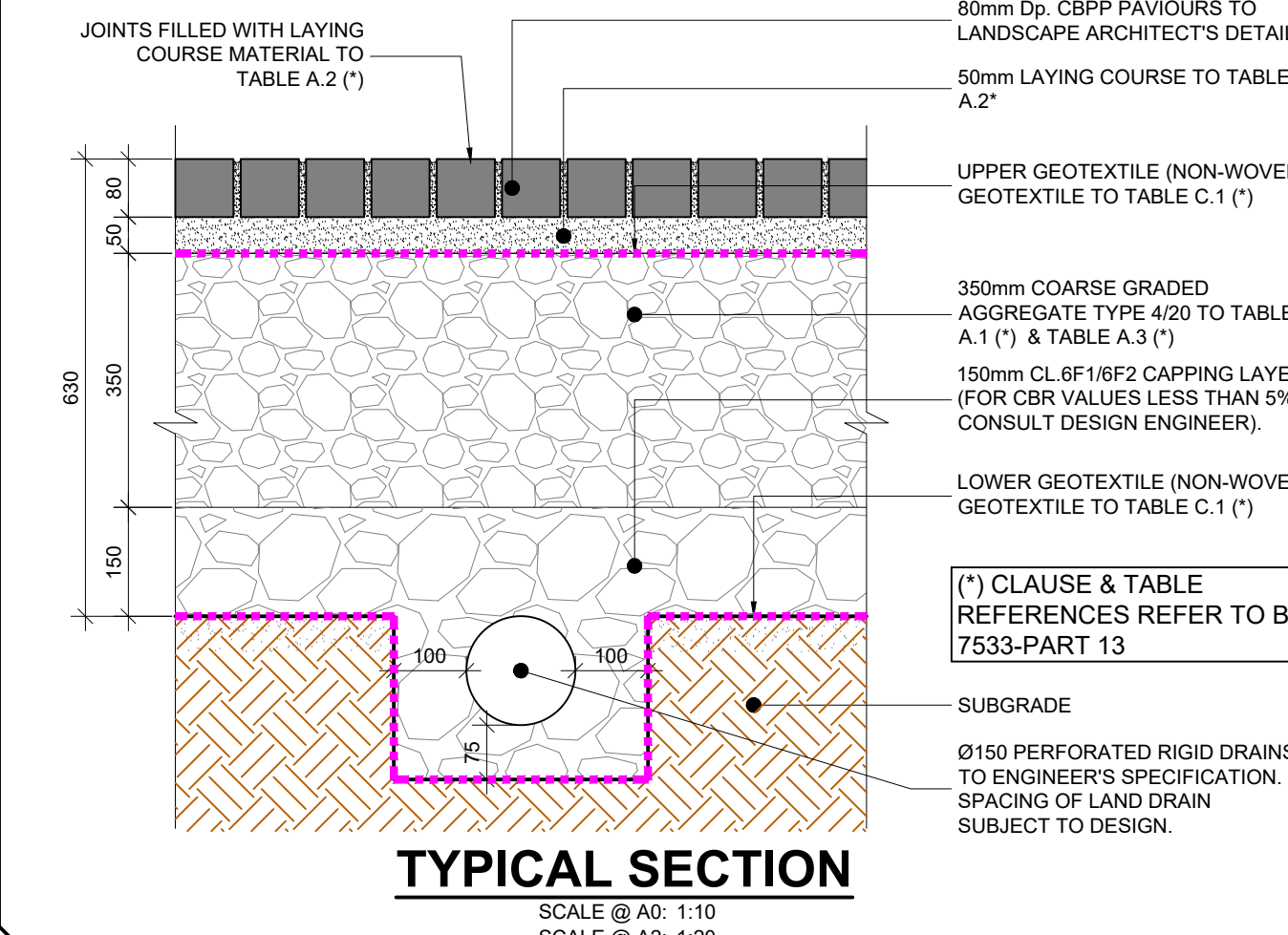
NOTE:
FOR PERMEABLE PAVED AREAS WITHIN 1.5m OF BUILDING FOUNDATIONS OR 1.5 METRES OF THE SITE BOUNDARY, AN IMPERMEABLE MEMBRANE STRIP 1.5m WIDE SHOULD BE PROVIDED IE. TYPE B1 OR B2 DETAILS WILL APPLY LOCALLY.

C2 C2 PERMEABLE PAVING TO PEDESTRIAN AREAS

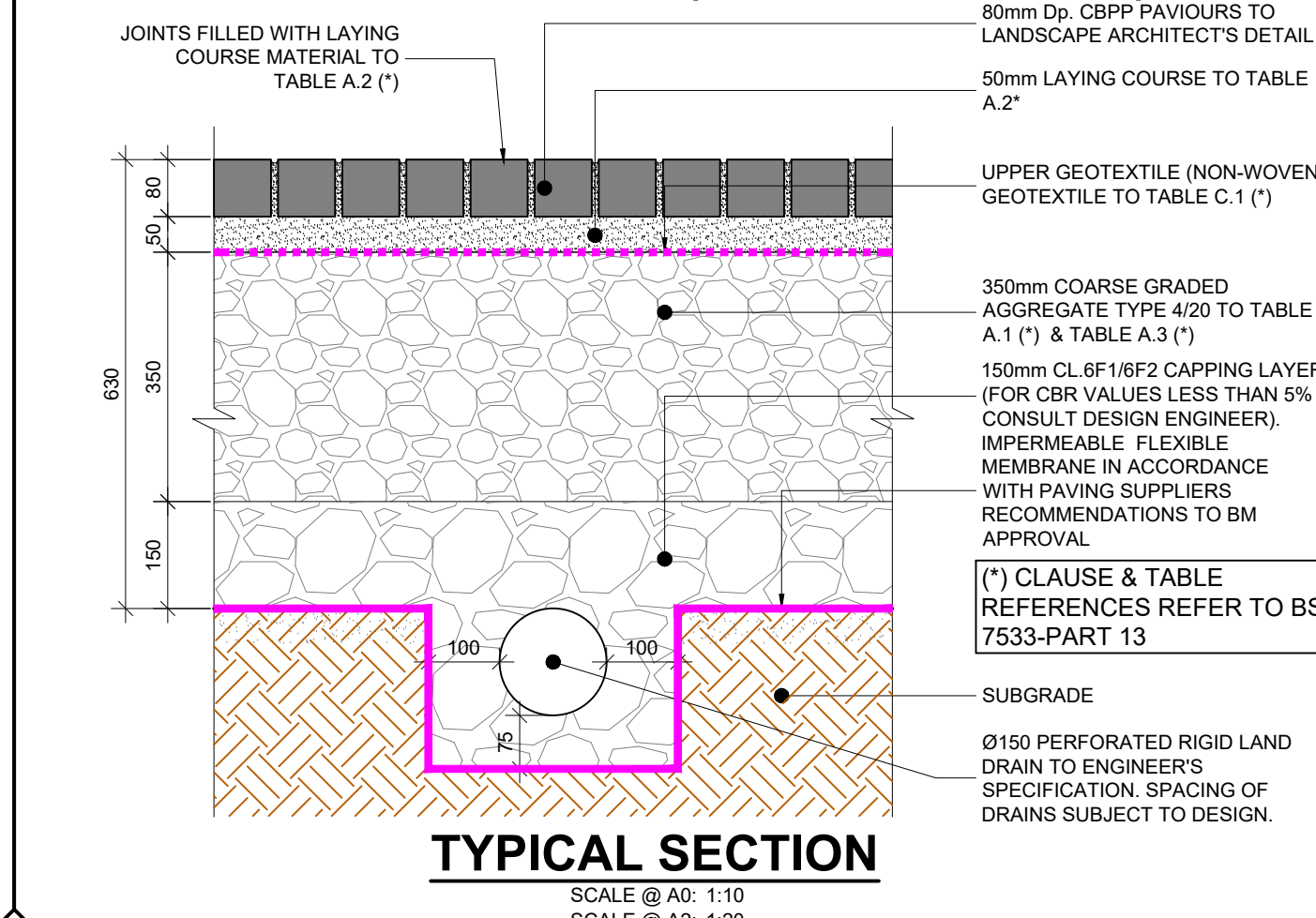
C2.1 SYSTEM 'A' PERMEABLE PAVING TO PEDESTRIAN AREAS (FULL INFILTRATION)



C2.2 SYSTEM 'B' PERMEABLE PAVING TO PEDESTRIAN AREAS (PARTIAL INFILTRATION)

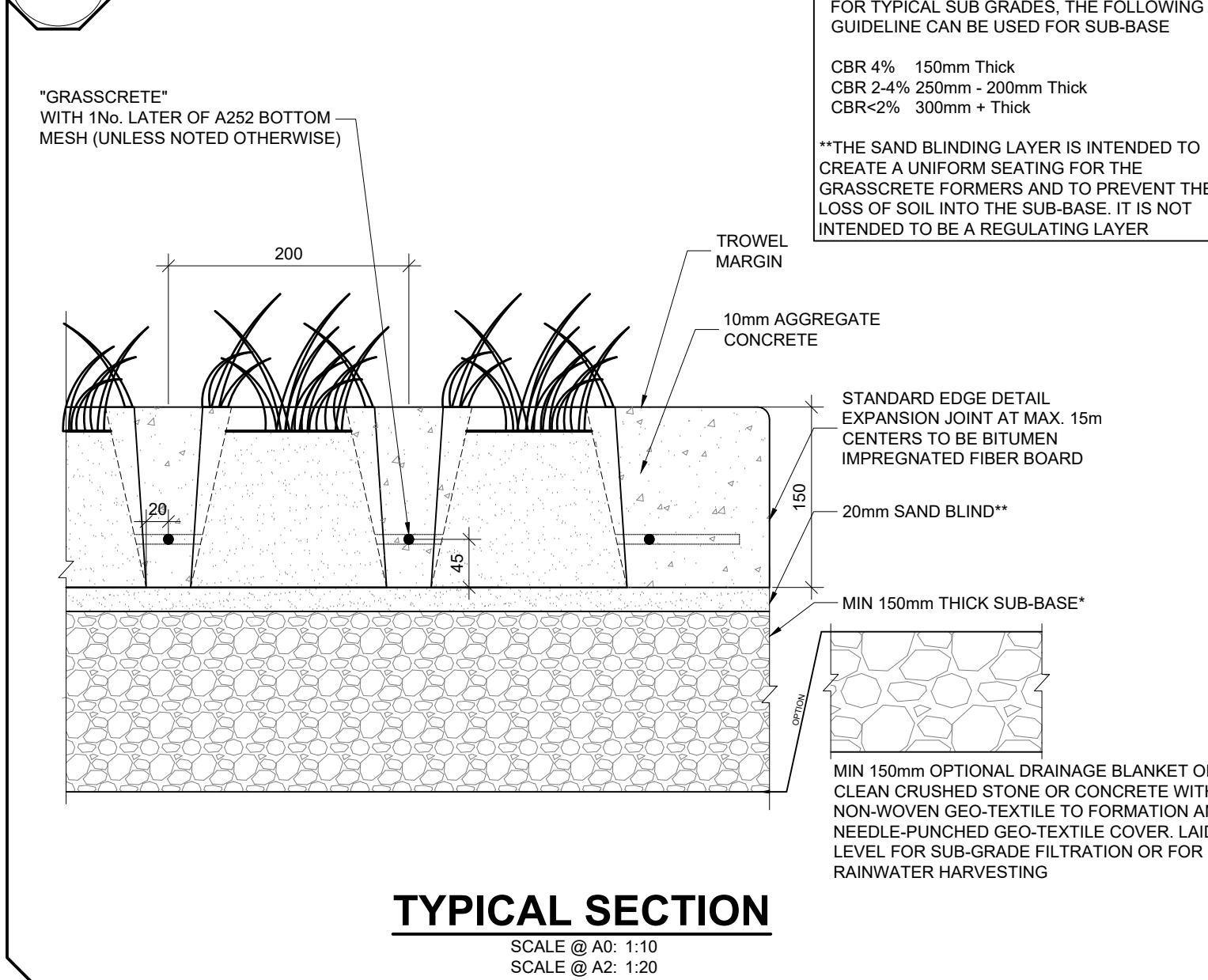


C2.3 SYSTEM 'C' PERMEABLE PAVING TO PEDESTRIAN AREAS (NO INFILTRATION)

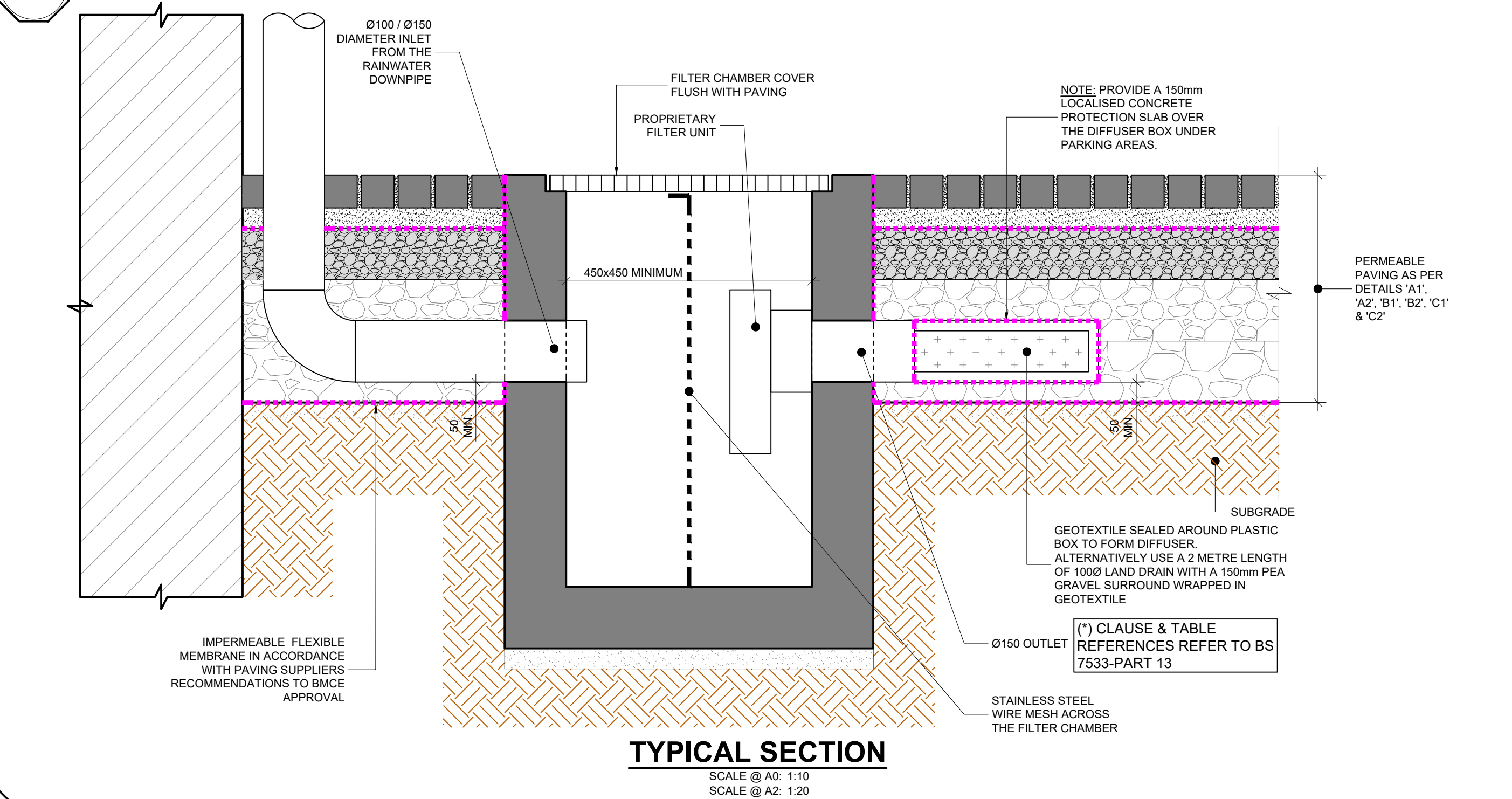


C3 GRASSCRETE

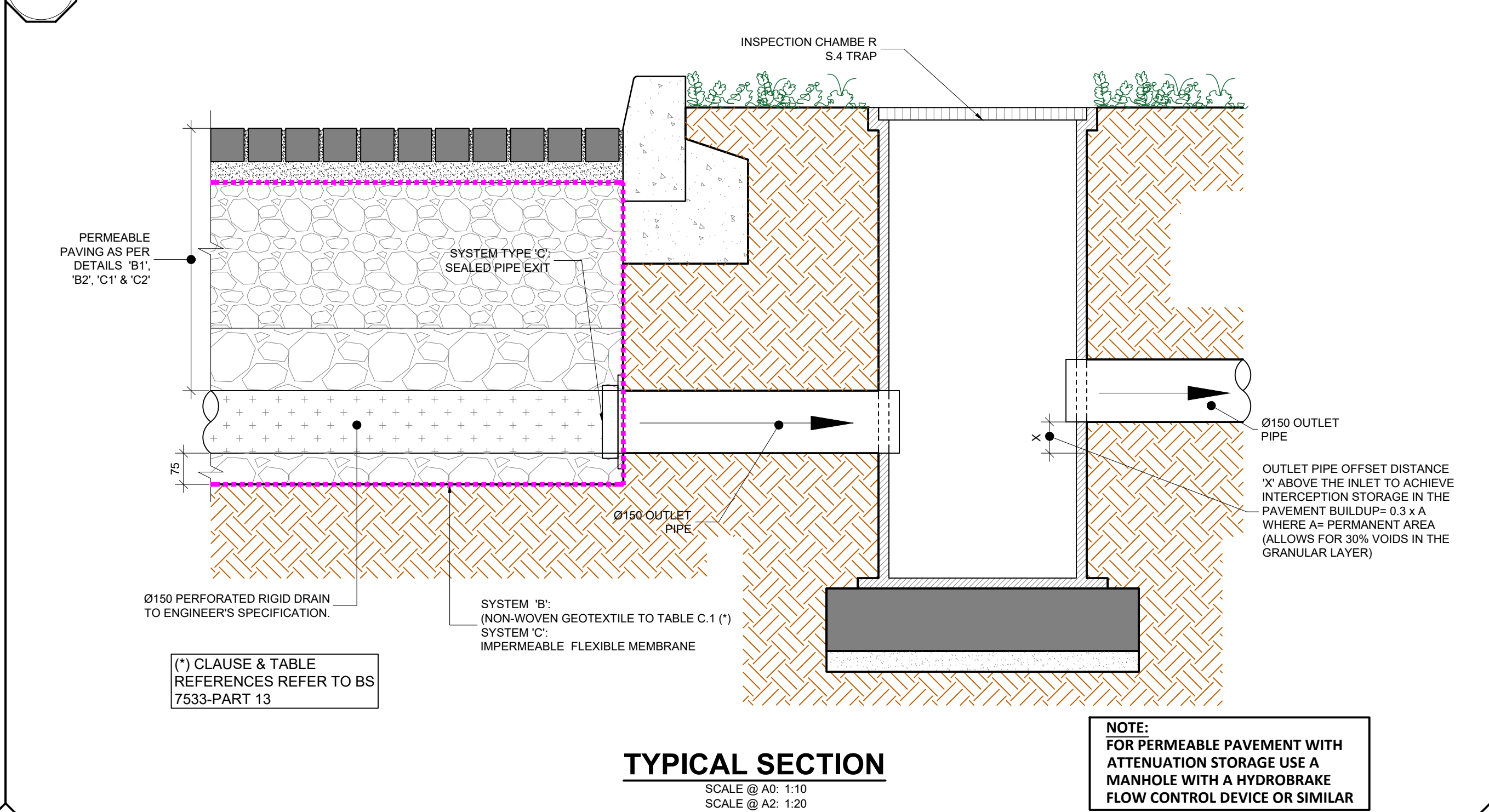
C3.1 150mm GRASSCRETE



CX.1 TYPICAL PERMEABLE PAVING ROOF RAINWATER PIPE INLET, APPLICABLE TO SYSTEMS 'A', 'B' & 'C.'



CX.2 TYPICAL PERMEABLE PAVING OUTLET DETAIL, APPLICABLE TO SYSTEMS 'B' & 'C.'



PERMEABLE PAVING TYPICAL DETAILS

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECT'S DRAWINGS (FOURED DIMENSIONS ONLY NOT SCALING) TO BE USED, WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - ASSE
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

PL2	11.10.20	ISSUED FOR PLANNING	MC
ISSUE	DATE	DESCRIPTION	BY
Project Engineer: JC		Project Director: JC	
BM STAGE			
PLANNING			
BM			
BAURETT MAHONY			
Consulting Engineers, Civil, Structural, Project Management E-mail: bma@bma.co.uk Web: www.bma.co.uk			
The Institution of Structural Engineers			
ACEI			
CLIENT			
MALCLOSE LTD.			
PROJECT TITLE		BM PROJECT No.	
GOWAN HOUSE		22.219	
REFERENCE	SUITABILITY	REVISION	
DRAWING TITLE			
PERMEABLE PAVING STANDARD DETAILS			
DRAWING REFERENCE	STATUS	REVISION	
GW-H-BMD-ZZ-00-DR-C-12300	PL2		