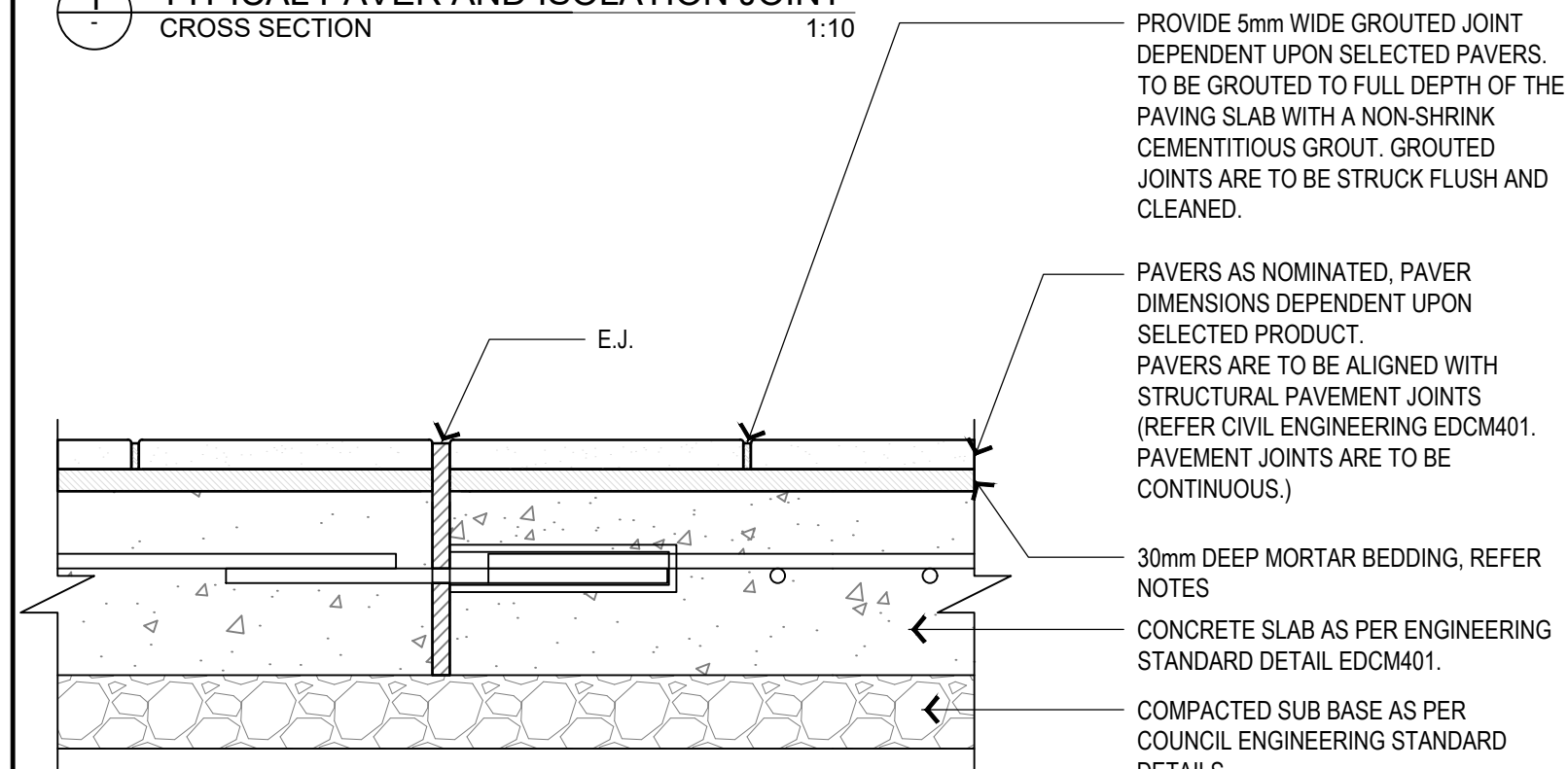


1 TYPICAL PAVER AND ISOLATION JOINT
CROSS SECTION 1:10



2 TYPICAL PAVER INSTALLATION
CROSS SECTION 1:10

SEALANT ISOLATION JOINTS, BUILDING LINES & BACK OF KERB SHALL BE 'THC 901' BY TREMCO (COLOUR TO MATCH PAVERS) OR APPROVED EQUIVALENT. APPLICATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.

15MM THICK RESIN BONDED CORK STRIP FULL DEPTH OF CONCRETE OR APPROVED EXPANSION MATERIAL AND SEALANT.

CONCRETE SLAB AS PER ENGINEERING STANDARD DETAIL EDCM401.

PROVIDE 5mm WIDE GROUTED JOINT DEPENDENT UPON SELECTED PAVERS. TO BE GROUTED TO FULL DEPTH OF THE PAVING SLAB WITH A NON-SHRINK CEMENTITIOUS GROUT. GROUTED JOINTS ARE TO BE STRUCK FLUSH AND CLEANED.

PAVERS AS NOMINATED, PAVER DIMENSIONS DEPENDENT UPON SELECTED PRODUCT. PAVERS ARE TO BE ALIGNED WITH STRUCTURAL PAVEMENT JOINTS (REFER CIVIL ENGINEERING EDCM401. PAVEMENT JOINTS ARE TO BE CONTINUOUS.)

30mm DEEP MORTAR BEDDING, REFER NOTES

CONCRETE SLAB AS PER ENGINEERING STANDARD DETAIL EDCM401.

COMPACTED SUB BASE AS PER COUNCIL ENGINEERING STANDARD DETAILS.

NOTES:

1. FINISHED SURFACE SHALL BE STABLE, SAFE, AND MINIMISE POTENTIAL HAZARDS OF TRIPPING OR SLIPPING DUE TO MISALIGNMENT OF JOINTS OR TOO SLIPPERY SURFACES.
2. SLIP RESISTANCE OF PAVERS SHALL MEET ALL RELEVANT AUSTRALIA REQUIREMENTS AND CLASSIFICATIONS, AND SHALL BE INDEPENDENTLY TESTED WITH CERTIFICATE SUBMITTED TO COUNCIL PRIOR TO INSTALLATION.

MORTAR

3. PAVING UNITS SHALL BE FULLY BEDDED IN A SAND / CEMENT MORTAR MIX. ALL CEMENT MORTAR SHALL CONSIST OF:
 - ONE (1) PART CEMENT
 - TWO (2) PARTS SAND, (TO INCLUDE 1/2 PART OF FINE FINISHED SAND)
 - ONE (1) PART SCREENED BLUESTONE DUST OR SIMILAR APPROVED
4. MIXING SHALL BE UNDERTAKEN MECHANICALLY ADDING CONSTITUENTS TO WATER (INITIALLY ONE PART BY VOLUME) MIXING CONTINUOUSLY TO ENSURE A HOMOGENOUS CONSISTENCY FREE OF LUMPS. WATER MAY BE ADDED IN SPECIFIED PROPORTIONS TO GAIN A CONSISTENCY SUCH THAT IT MAY BE LOOSELY HAND SHAPED INTO A 'CRICKET BALL' WHICH WILL REMAIN WHOLE WHEN RELEASED WHILST LEAVING HAND SLIGHTLY MOIST (NOT WET).
5. THE BEDDING COURSE IS TO ACHIEVE AN ADHESIVE STRENGTH GREATER THAN 2N/MM².

LAYING AND SETTING OUT

6. THE GENERAL DESIGN INTENT FOR LAYING AND SETTING OUT OF PAVERS MUST ADHERE TO THE FOLLOWING PRINCIPLES:
 - a. PAVING JOINTS ARE TO ALIGN WITH STRUCTURAL JOINTS WITHIN THE BASE SLAB - AND MUST BE CONTINUOUS THROUGH THE PAVERS
 - b. NARROW 'SLIVERS' OR SMALL PORTIONS OF PAVERS (NOMINALLY LESS THAN 25% OF THE TOTAL) ARE NOT ACCEPTABLE
7. CUT PAVING UNITS NEATLY AND ACCURATELY WITH A MASONRY SAW TO GIVE NEAT JUNCTIONS WITH EDGINGS AND ADJOINING FINISHES. LINES AND LEVELS OF FINISHED SURFACE TO BE SMOOTH AND EVEN WITH REGULAR FALLS TO PREVENT PONDING. FINISHED PAVING TO HAVE AN EVEN OVERALL APPEARANCE WITH EVEN JOINT WIDTHS AND FREE OF MORTAR AND SAND STAINS.
8. ONCE IN POSITION, PAVERS ARE TO BE LEVELED AND CONSOLIDATED USING A RUBBER Mallet, MAUL OR SIMILAR. THE PAVER MUST BE FULLY BEDDED, VERIFIED USING A DIAGONAL ROCK TEST, WHERE DIAGONALLY OPPOSITE CORNERS ARE PUSHED TO SEE IF THERE IS ANY MOVEMENT.
9. PAVING IS TO HAVE A MAXIMUM 'LIP' TOLERANCE (THE MAXIMUM LEVEL DIFFERENCE BETWEEN TWO ADJACENT PAVING UNITS) OF 2MM. WHERE IT IS NECESSARY IN ORDER TO MEET FINISHED SURFACE LEVELS, IT MAY BE PERMITTED TO DIAGONALLY CUT FLAGSTONES TO 'FOLD' THEM AND SO AVOID LIPS. CONFIRM WITH SUPERINTENDENT FOR APPROVAL PRIOR TO CUTTING.

GROUTING

10. THE GROUTING MIX SHALL BE A DRY MIX BAGGED PROPRIETARY BRAND FINE AGGREGATE/ /CEMENT/ADMIXTURES TYPE GROUT (DURABLE OR APPROVED EQUIVALENT) WITH HIGH FLOW AND LOW SHRINKAGE PROPERTIES, NON-STAINING IN THE COURSE OF ITS APPLICATION AND OF A COMPRESSIVE STRENGTH IN EXCESS OF 20 MPA AT 7 DAYS. MIXING SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.

E			
D			
C			
B	M.H.	25/06/25	PUBLISHED REVISION
A	M.H.	30/01/25	PRELIMINARY FOR REVIEW
ISSUE	APPROVED	DATE	DETAILS



ENGINEERING & ASSET SERVICES

**STANDARD DRAWINGS
LANDSCAPE**

DRAWING No.	MCCLA 202	DRAWN	Y.SU	CHECKED	M. HUTCHINSON
DRAWING NAME	SURFACE - STONE PAVER	SCALE	1:10	DATE	25/06/2025
		PAPER	A3	REV	B
		SHEET	1	OF	1