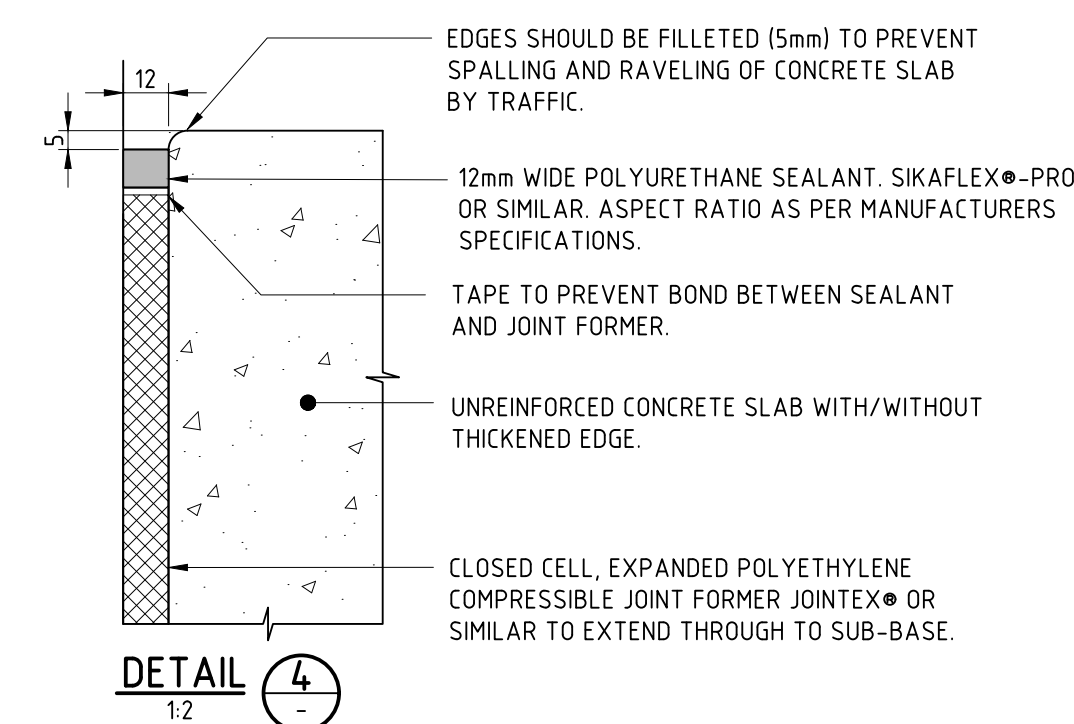
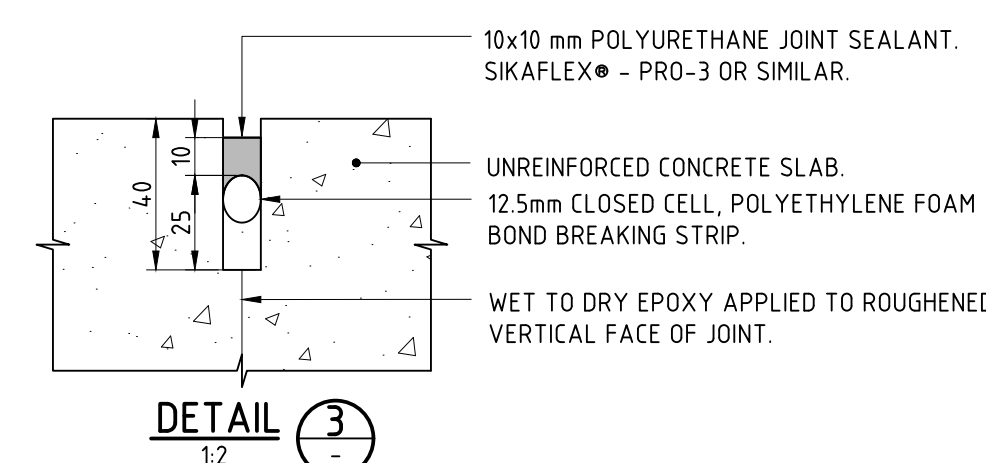
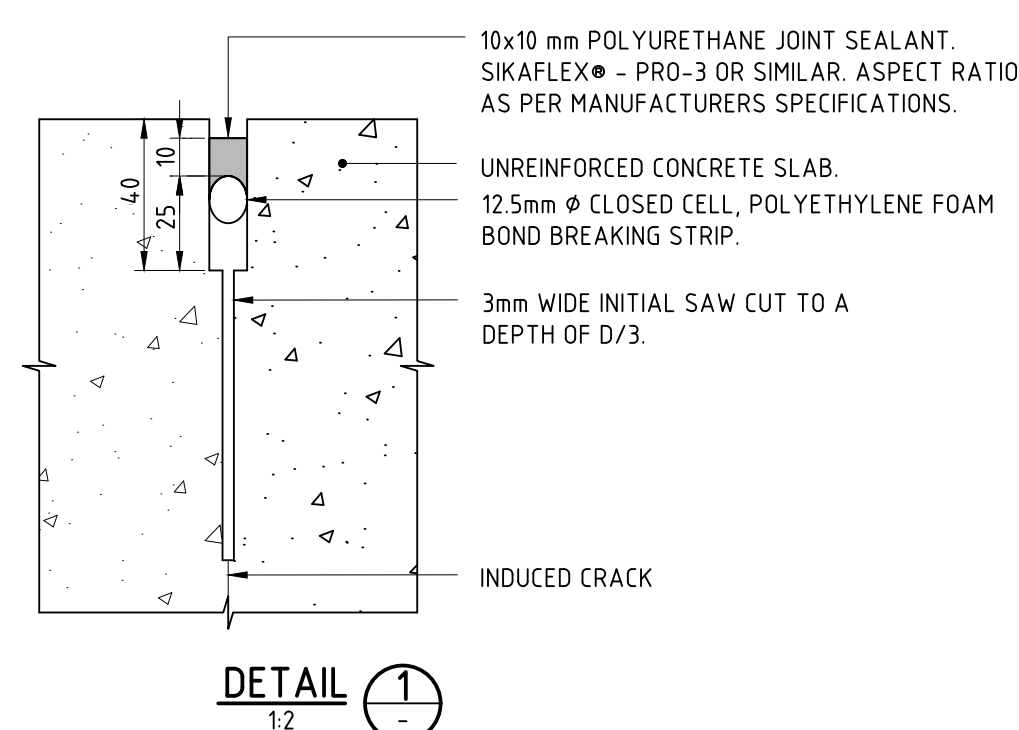
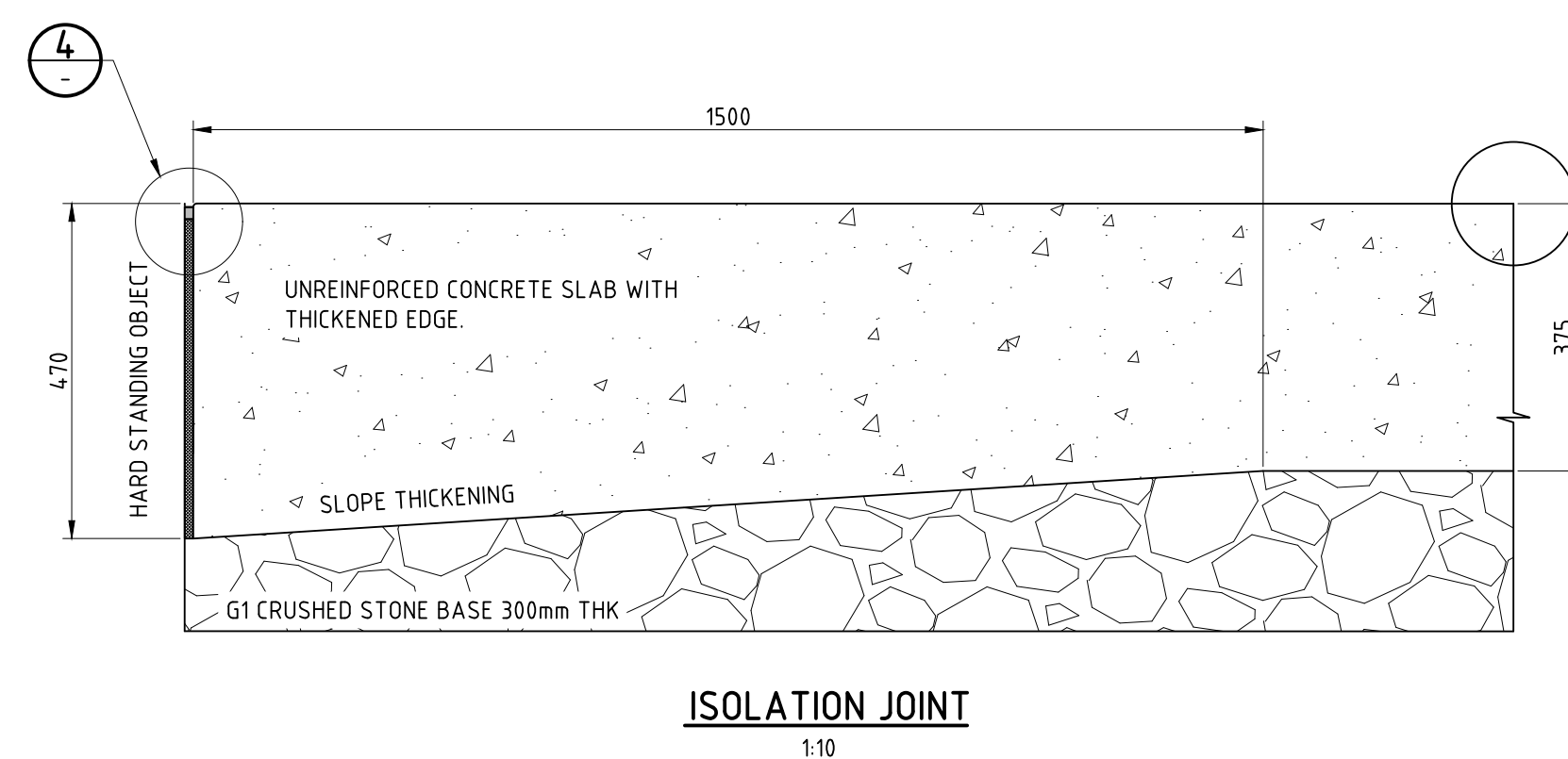
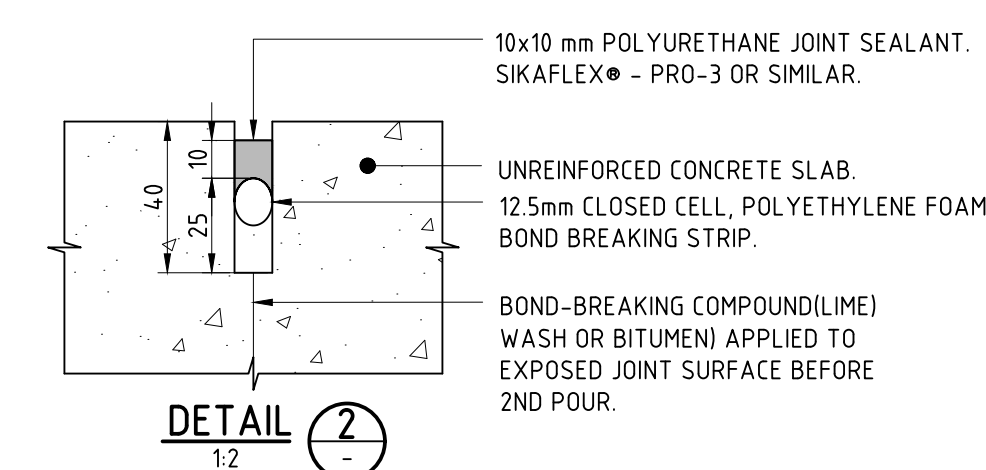
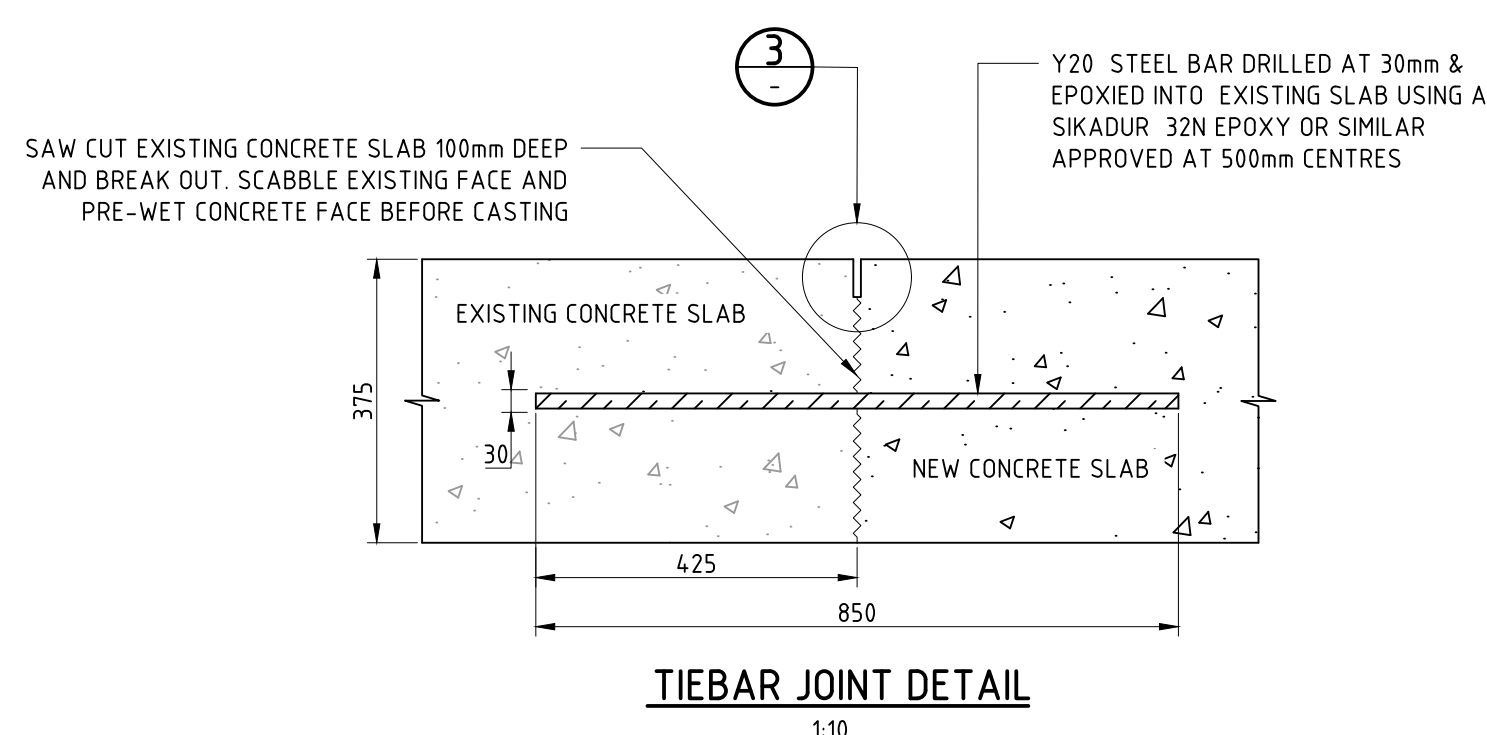


1. CONCRETE TO HAVE A MINIMUM 28 DAY COMPRESSIVE CUBE STRENGTH OF 30 MPa AND A MINIMUM MODULUS OF RUPTURE STRENGTH (FLEXURAL STRENGTH) OF 4 MPa.
2. EXPOSED EDGES OF ALL CONSTRUCTION JOINTS SHOULD BE ROUNDED TO 3mm RADIUS ON CASTING AND PRIOR TO SAWING. THIS IS TO CLEARLY IDENTIFY JOINT LOCATIONS.
3. ISOLATION JOINT FORMER TO BE CLOSED CELL, EXPANDED POLYETHYLENE WITH TEAR-OFF COVER STRIP, SUCH AS JOINTFOX OR SIMILAR. THE JOINT FILLER IS TO EXTEND THE FULL DEPTH OF THE SLAB AND TERMINATE AT SUB-BASE LEVEL. THE JOINT FILLER SHALL COMPLY TO AASHTO M153 AS PER COLTO 7102 RECOMMENDATION.
4. DOWELS (WHERE APPROPRIATE):
 - 4.1. THE CONTRACTOR IS TO ENSURE THAT DOWELS ARE ALIGNED PARALLEL TO THE FINISHED SURFACE OF THE SLAB, TO EACH OTHER AND PERPENDICULAR TO THE JOINT FACE WITHIN THE TOLERANCES (AND OTHER) SET FORTH BY COLTO 7122.
 - 4.2. DOWELS SHALL BE ROUND 40mm ϕ SMOOTH MILD STEEL BARS WITH A LENGTH OF 500mm WHICH MUST COMPLY TO SABS 920 AND COLTO 6302.
 - 4.3. 2/3 OF THE DOWEL LENGTH TO BE COATED WITH A BOND-BREAKING COATING, UNLESS OTHERWISE SPECIFIED.
 - 4.4. DOWELS TO BE PROTECTED AGAINST CORROSION BY MEANS OF EPOXY OR PLASTIC COATING.
5. CONCRETE PAVEMENT FINISHING: CONCRETE AREAS EXPOSED TO TRAFFIC SHOULD BE BROOM FINISHED.
6. THE SUB-BASE SHOULD BE KEPT CONTINUOUSLY WET FOR A PERIOD OF AT LEAST ONE HOUR BEFORE THE CONCRETE IS PLACED. NO EXCESSIVE POOLING OF WATER IS PERMITTED IN POUR LOCATIONS AND SHOULD BE BROOMED OFF AHEAD OF THE PAVER. ALL DELETERIOUS MATERIALS SHOULD BE REMOVED BEFORE CONCRETE PLACEMENT TO ENSURE A UNIFORM SUPPORTING LAYER.
7. JOINT SAWING
 - 7.1. TRANSVERSE CONTRACTION JOINTS SHALL BE SAWN AS PER COLTO 7118 AND SHALL NOT EXCEED 3mm WIDTH. NO INITIAL SAWING SHALL TAKE PLACE LATER THAN 24 HOURS AFTER THE CONCRETE HAS BEEN PLACED. IF A JOINT IS TO BE SEALED THE TOP PORTION MUST ONLY BE REAMED TO DEPTH NO SOONER THAN 7 DAYS AFTER INITIAL SAWING.
 - 7.2. CONTRACTOR SHALL DETERMINE THE EXACT TIME AND SEQUENCE OF SAWING WITH CONSIDERATION TO THE RISK OF EXCESSIVE SPALLING AND RAVELLING ASSOCIATED WITH EARLY SAWING.
8. EXISTING CAPPING BEAM SURFACE IS TO BE CLEANED FROM DEBRIS PRIOR TO THE PLACING OF THE 25mm THK SEPARATION LAYER. SEPARATION LAYER TO BE MEDIUM CONTINUOUSLY GRADED ASPHALT SURFACING.

[illegible]