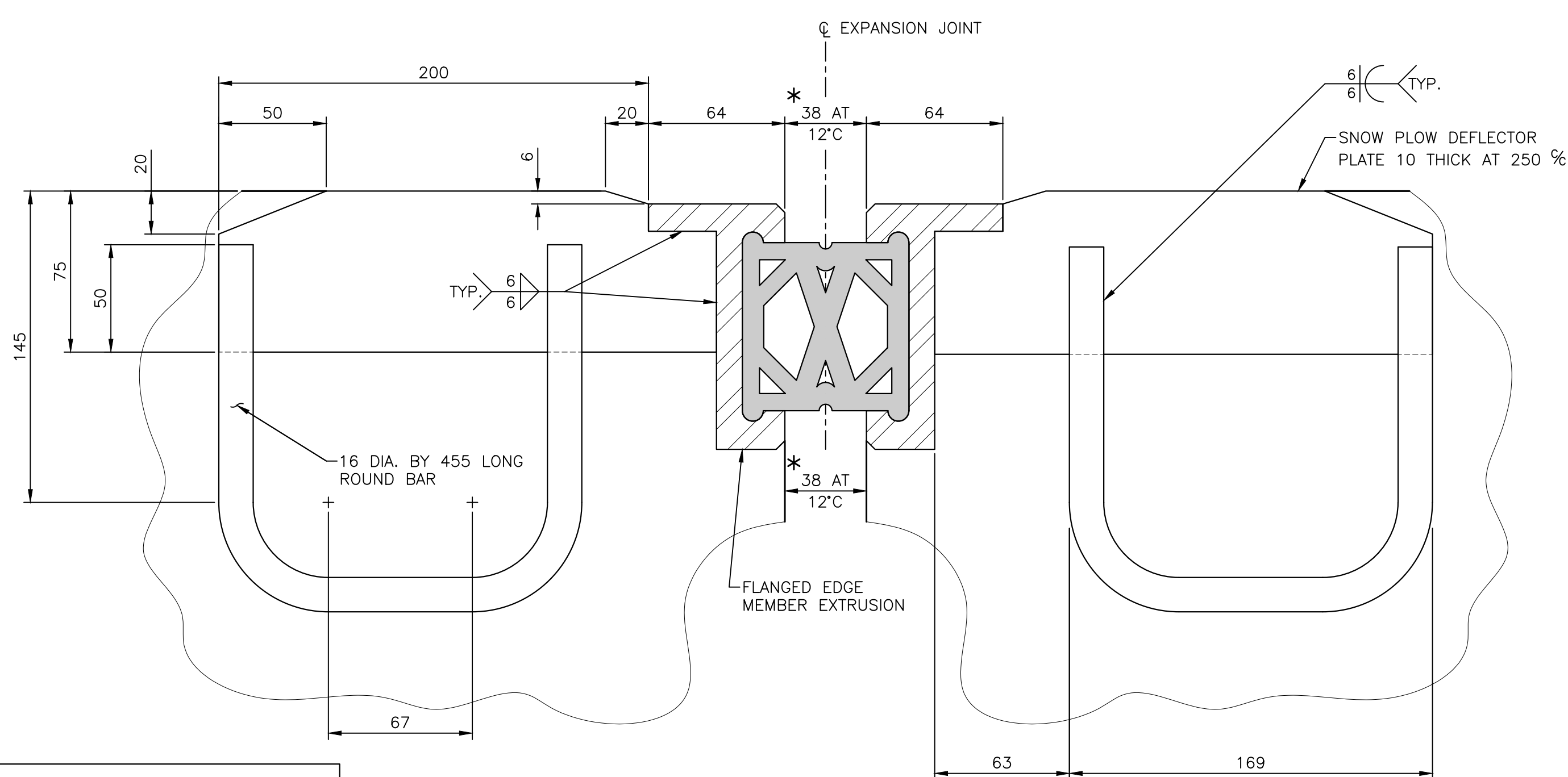


TYPICAL EXPANSION JOINT PLAN A
SCALE : 1:10

*MEASUREMENTS BASED ON 12°C TEMPERATURE. DECREASE THESE MEASUREMENTS 1.0mm FOR EVERY 6°C RISE IN TEMPERATURE. INCREASE THESE MEASUREMENTS 1.0mm FOR EVERY 6°C FALL IN TEMPERATURE.

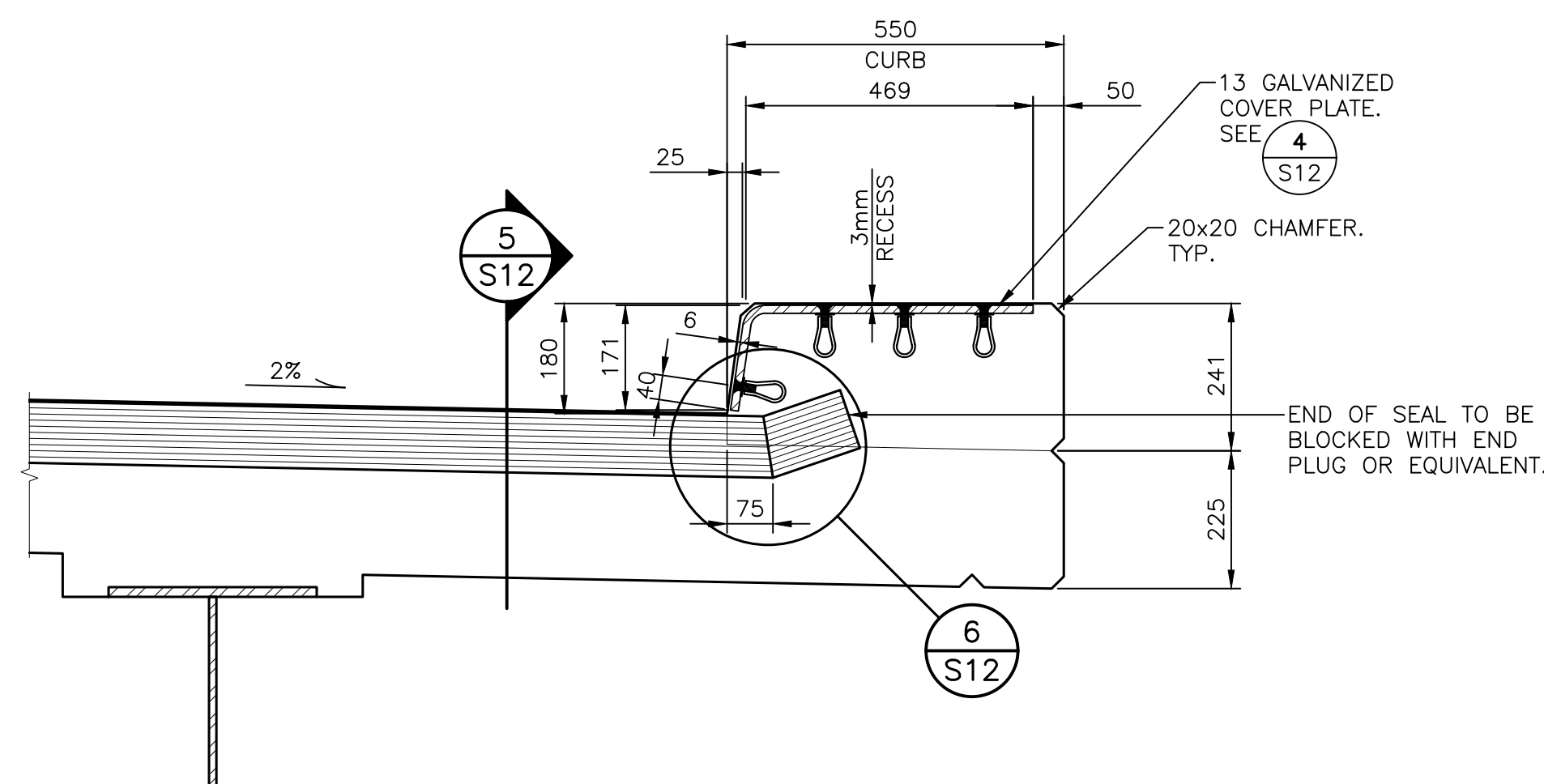


TYPICAL SECTION THRU EXPANSION JOINT 1
SCALE : 1:2

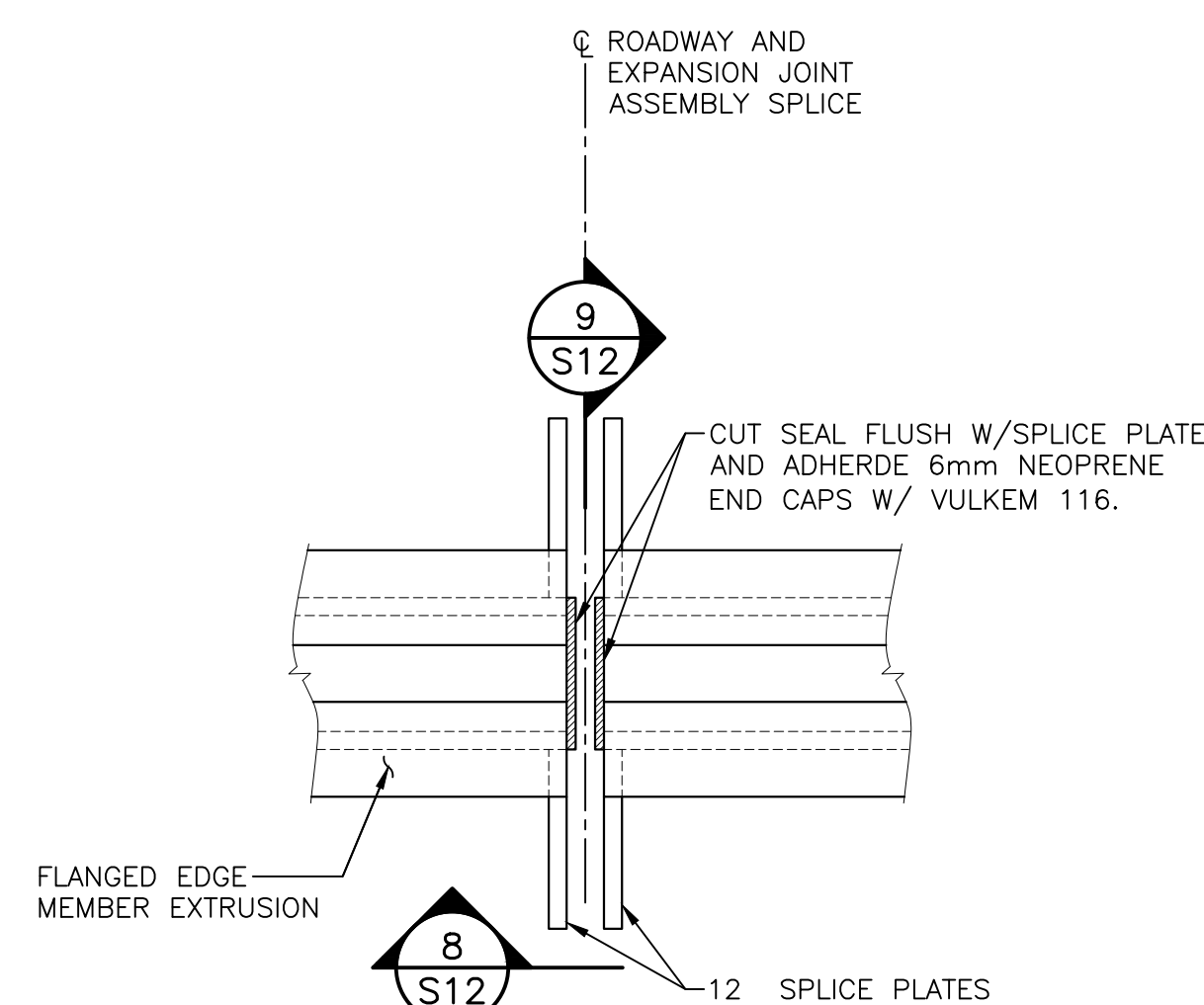
- LIST OF APPROVED EXPANSION JOINTS:
1. ARROW LOCK - SEAL - LS 300
 2. ONFLEX MD-30

NOTES:

1. SEALED EXPANSION JOINT ASSEMBLIES TO BE INSTALLED PARALLEL TO FINISHED GRADE.
2. COVER PLATES FOR CURB TO BE ANCHORED ON THE APPROACHING TRAFFIC SIDE OF THE JOINT.
3. MATERIALS AND CONSTRUCTION SHALL MEET THE REQUIREMENTS FOR SEALED EXPANSION JOINT ASSEMBLIES, AS OUTLINED UNDER NEWFOUNDLAND LABRADOR DEPARTMENT OF TRANSPORTATION AND WORKS STANDARD SPECIFICATIONS.
4. ANCHORS FOR COVER PLATES SHALL BE NCA-ACROW INSERTS TYPE SLFW-12 (CLOSED FERRULE AND 70mm LONG) 5/8" M12 BY 28mm LONG STAINLESS STEEL FLAT HEAD SOCKET CAP SCREWS.
5. EXPANSION JOINT PLACEMENT SETTING SHOULD BE BASED ON THE MEAN AMBIENT TEMPERATURE OVER THE PREVIOUS 48 HOURS FOR CONCRETE SUPERSTRUCTURES.
6. 2 EXPANSION JOINT ASSEMBLIES REQUIRED. EXPANSION JOINT ASSEMBLIES LOCATED AT BOTH BRIDGE ABUTMENTS.
7. ALL DIMENSIONS ARE IN MILLIMETRES.



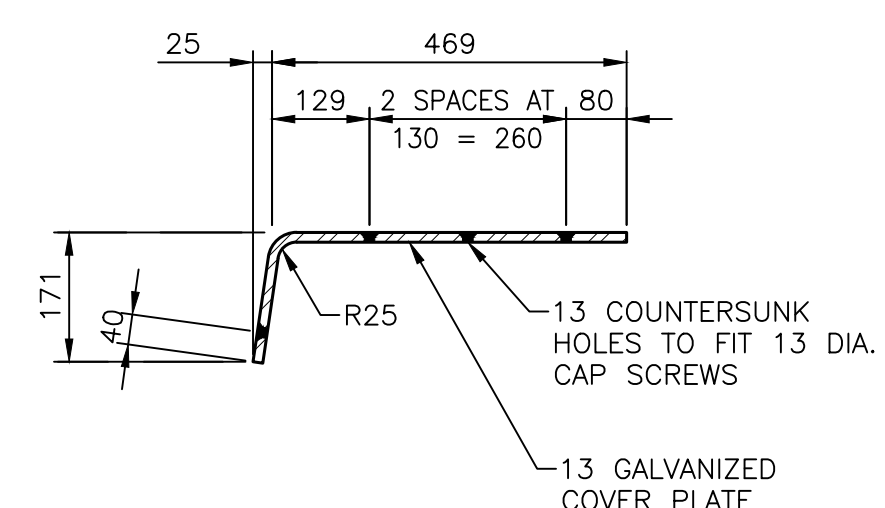
TYPICAL SECTION THRU EXPANSION JOINT 2
SCALE : 1:10



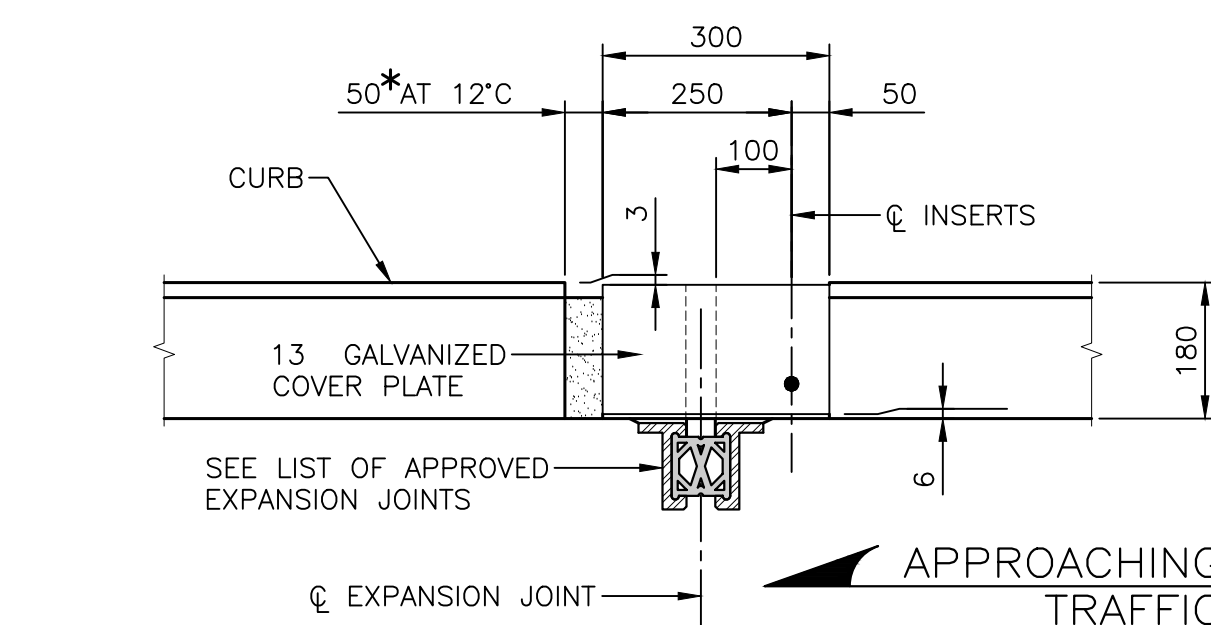
TYPICAL EXPANSION JOINT SPLICE DETAIL 3
SCALE : 1:5

SPLICE NOTES:

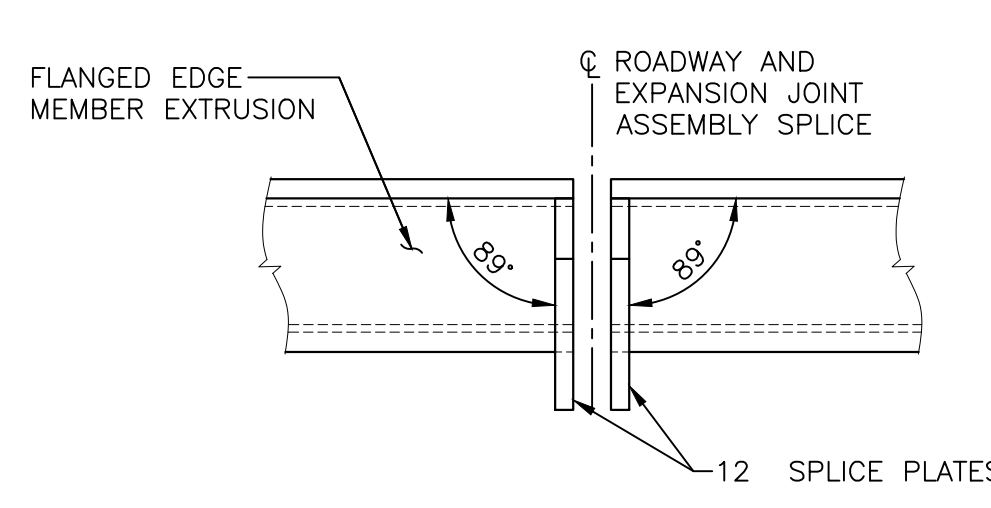
- AT THE TIME OF PLACING THE SECOND HALF OF THE SEALED EXPANSION JOINT ASSEMBLY, THE GIVEN PROCEDURE SHALL BE FOLLOWED:
1. THE ENTIRE END OF EACH EXPANSION JOINT TO BE COVERED WITH A THIN LAYER OF "VULKEM 116 BLACK".
 2. A PIECE OF 6mm NEOPRENE SPONGE SHALL BE PLACED OVER THE BOLTS OF THE EXISTING JOINT.
 3. THE SECOND HALF OF THE JOINT SHALL BE PUT INTO PLACE AND NUTS TIGHTENED TO SECURELY SQUEEZE THE SPLICE TOGETHER.
 4. THE EXPANSION GAP ON THE SECOND HALF OF THE JOINT SHALL BE ADJUSTED TO MATCH THE FIRST.



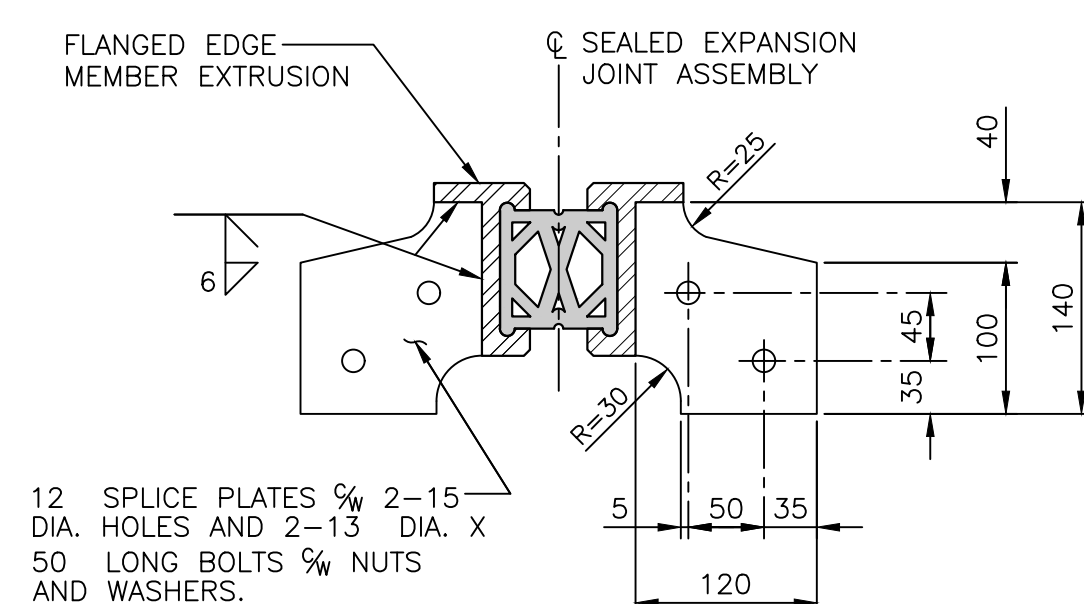
COVER PLATE DETAIL 4
SCALE : 1:10



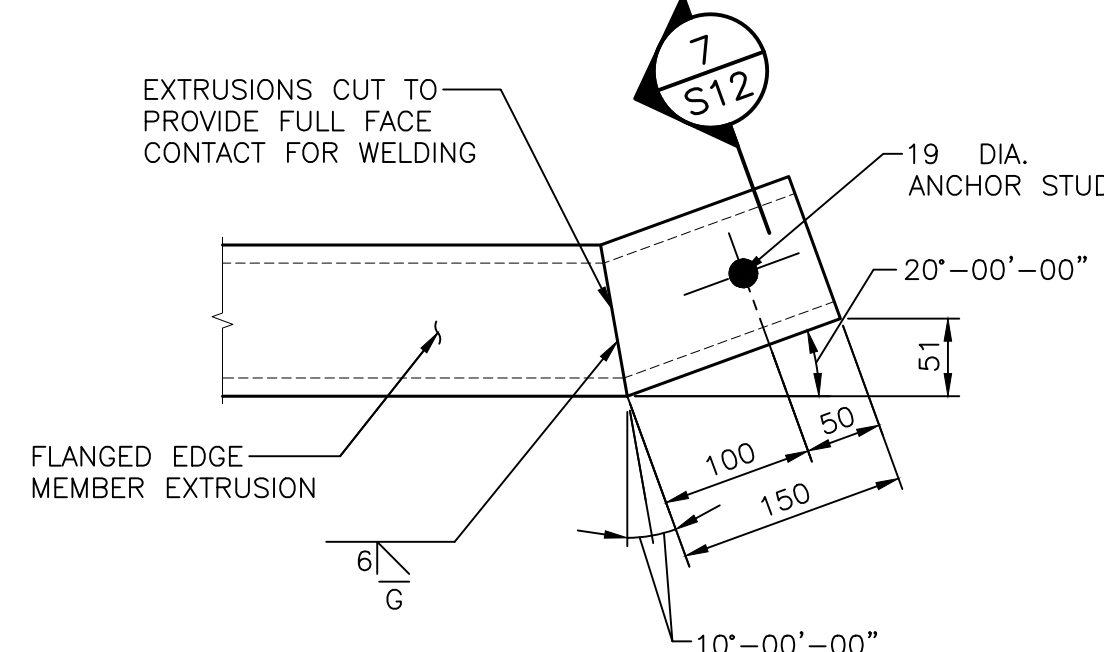
TYPICAL SECTION SHOWING BENT COVER PLATE 5
SCALE : 1:10



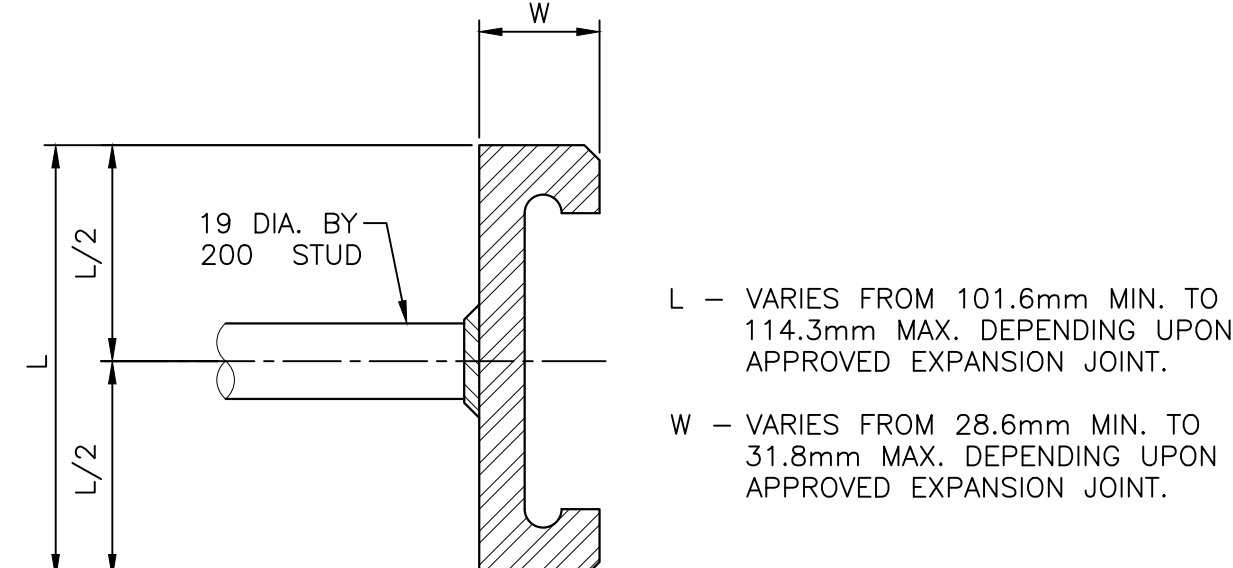
SECTION 8
SCALE: 1:5



SECTION 9
SCALE: 1:5



DETAIL OF END EXTRUSION 6
SCALE: 1:5



SECTION 7
SCALE : 1:2

L - VARIES FROM 101.6mm MIN. TO 114.3mm MAX. DEPENDING UPON APPROVED EXPANSION JOINT.
W - VARIES FROM 28.6mm MIN. TO 31.8mm MAX. DEPENDING UPON APPROVED EXPANSION JOINT.