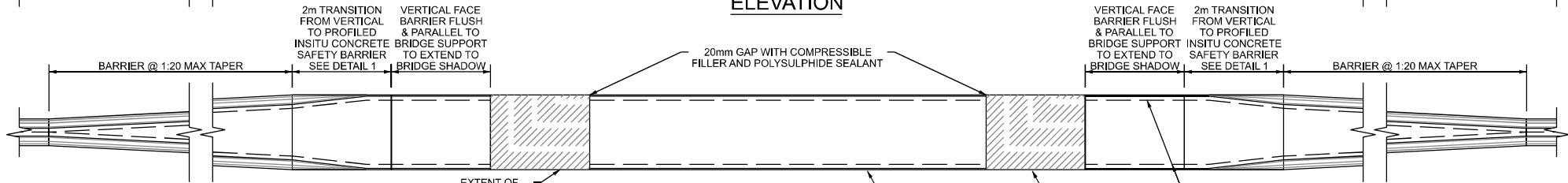
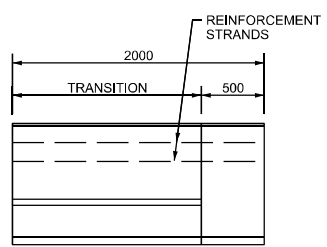


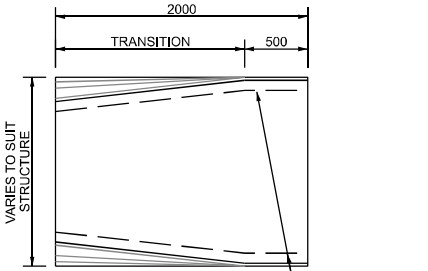
ELEVATION



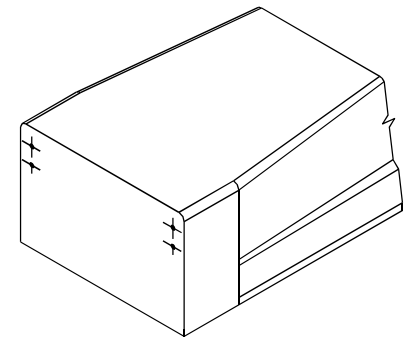
SECTION A-A



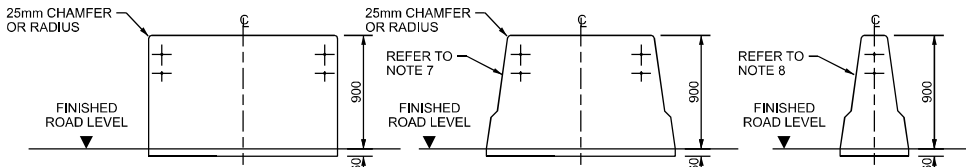
DETAIL 1 ELEVATION



DETAIL 1 PLAN



DETAIL 1 ISOMETRIC VIEW



SECTION B-B

SECTION B-B

SECTION B-B

- NOTES -
- CONSTRUCTION JOINTS SHALL BE TREATED IN ACCORDANCE WITH CC-SPW-01700.
 - BARRIER BIFURCATION TO BE REINFORCED WITH TWO REINFORCEMENT STRANDS IN EACH SIDE. MINIMUM LAP OF 2000mm WITH STRANDS IN ADJACENT BARRIERS. AS AN ALTERNATIVE TO REINFORCEMENT STRAND 20mm DIAMETER GRADE B500B REINFORCEMENT BARS TO BS 4449 MAY BE USED.
 - LENGTH OF BIFURCATION DEPENDENT ON RATE OF CHANGE OF SET-BACK AND WIDTH OF OBSTRUCTION. RATE OF CHANGE TO BE NO STEEPER THAN 1:20
 - THIS SCD SHALL ONLY BE USED IN ASSOCIATION WITH A UNIQUE STRUCTURAL DESIGN FOR THE BESPOKE INTERMEDIATE SECTION BETWEEN THE STRUCTURAL SUPPORTS SO AS TO PROVIDE A H2 VEHICLE CONTAINMENT LEVEL. THE DESIGN SHALL BE CARRIED OUT IN ACCORDANCE WITH EUROCODES AS OUTLINED IN TII PUBLICATIONS.
 - THE INTERMEDIATE SECTION BETWEEN THE STRUCTURAL SUPPORTS SHALL BE DETAILED AS PART OF THE BRIDGE STRUCTURE AND SHALL BE STRUCTURALLY CONTINUOUS WITH EITHER THE ADJACENT PIERS OR STRUCTURAL FOUNDATION, OR BOTH. THE ABOVE GROUND CROSS SECTION SHALL BE SECTION B-B AND SHALL BE DETAILED WITH REINFORCEMENT TO MATCH THE UNIQUE STRUCTURAL DESIGN TO PROVIDE A H2 CONTAINMENT LEVEL.
 - OVER-HANGING SUPERSTRUCTURE TO PROVIDE FULL HEADROOM CLEARANCE AT ALL POINTS OUTSIDE THE FOOTPRINT OF THE SAFETY BARRIERS.
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - PROFILE VARIES AND SHALL BE IN ACCORDANCE WITH THE IN-SITU CONCRETE BARRIER CE MARKING CERTIFICATE FOR THE PROPRIETARY PRODUCT.



PUBLICATION TITLE
INSITU CONCRETE SAFETY BARRIER BIFURCATION AT STRUCTURAL SUPPORT THAT IS DESIGNED FOR VEHICULAR IMPACT LOADING

ACTIVITY
STANDARD CONSTRUCTION DETAIL (SCD)

HISTORICAL REFERENCE	DOCUMENTATION SET	PUBLICATION DATE	PUBLICATION NUMBER		
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