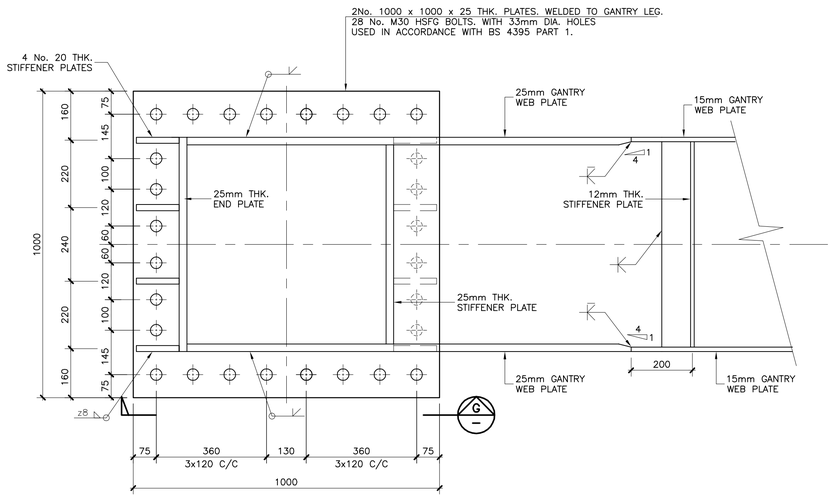
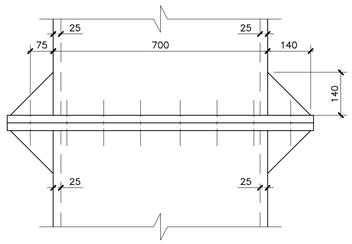
NOTES

1) REFER TO DRAWING 501 FOR GENERAL NOTES.



SECTION C
SCALE 1:10
501



ELEVATION G
SCALE 1:10
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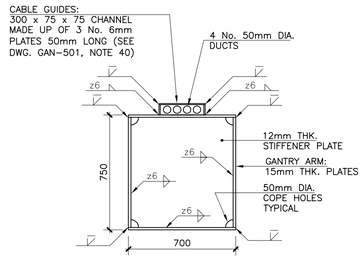
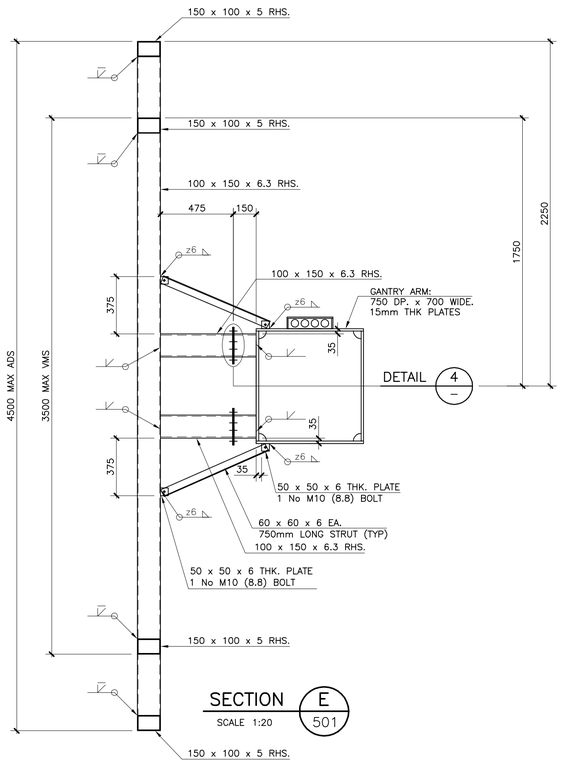
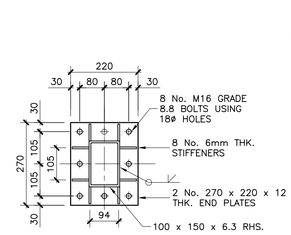


SECTION D
SCALE 1:20
501



SECTION E
SCALE 1:20
501



SECTION F
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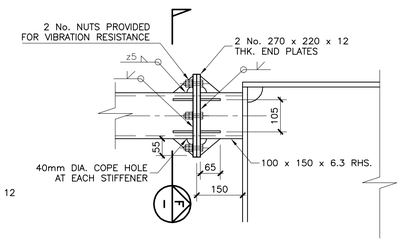

DETAIL 4
SCALE 1:10
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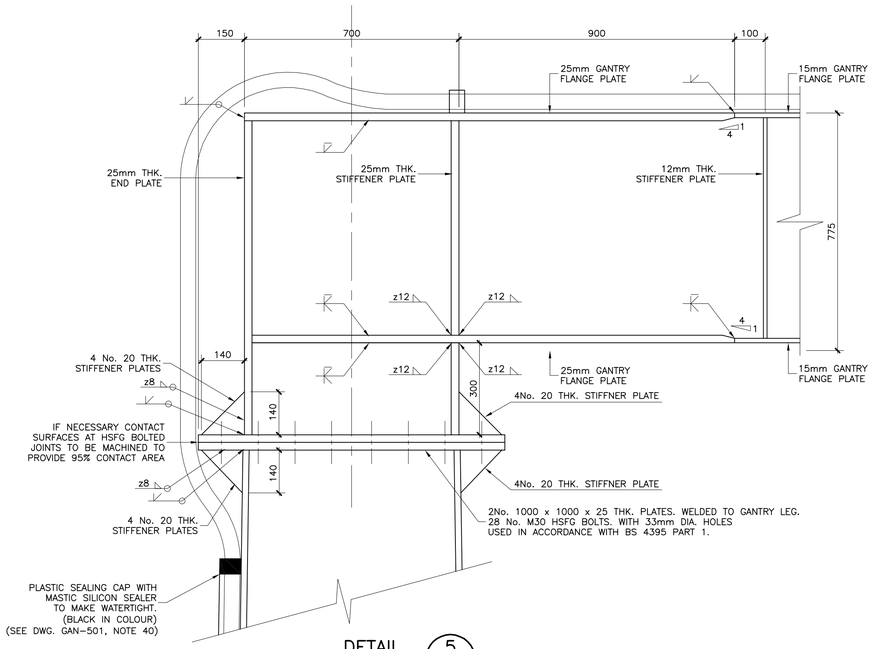


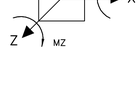
DETAIL 5
SCALE 1:10
501

TABLE 1: GANTRY ARM
UNFACTORED DEFLECTIONS (VERTICAL)
(REFER TO NOTE No. 34)

LOAD TYPE	CANTILEVER TIP DEFLECTION(mm)
DEAD	55
MIN. SUPERDEAD	10
MAX. SUPERDEAD	31
WIND–VERTICAL	15
RESIDUAL PRE–CAMBER OF CANTILEVER TIP	SPAN/150

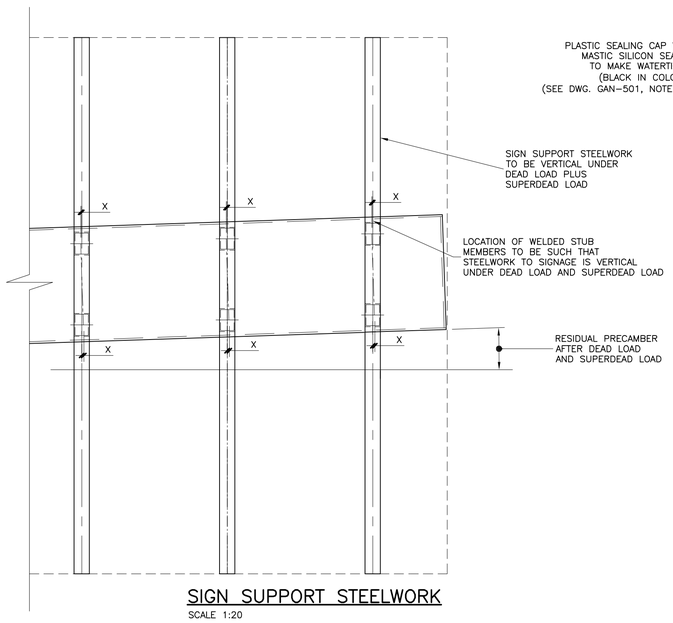
TABLE 2: GANTRY LEGS
UNFACTORED LOAD EFFECTS ON BASE
(REFER TO NOTE No. 7)

LOAD TYPE	Fz AXIAL FORCE (kN)	Mx BENDING (kN.m)	My BENDING (kN.m)	Mz TORSION (kN.m)	Vx SHEAR (kN)	Vy SHEAR (kN)
DEAD	–102	–13	+407	0	0	0
MIN. SUPERDEAD	–7	–8	+70	0	0	0
MAX. SUPERDEAD	–24	–20	+220	0	0	0
WIND–TRANSVERSE	0	±928	0	±792	0	±114
WIND–LONGITUDINAL	0	0	+131	±5	±25	0
WIND–VERTICAL	±15	±5	±107	0	0	0
SNOW	–9	–2	+63	0	0	0
COLLISION *	0	±372	±470	0	±250	±150

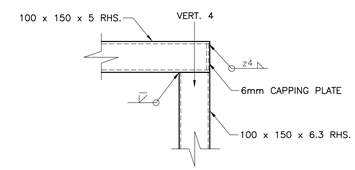


CARRIAGEWAY

* ALL COLLISION LOADS ARE APPLIED CONCURRENTLY



SIGN SUPPORT STEELWORK
SCALE 1:20



DETAIL 6
SCALE 1:10
501

NATIONAL ROADS AUTHORITY	ROAD CONSTRUCTION DETAILS	GANTRY GROUP 5	Issue / Date	GENERAL ARRANGEMENT OF GANTRY GROUP 5 SHEET 2 OF 2	Drawing No. RCD/ 1800/10