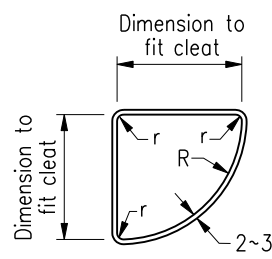


CLEAT

18 Dia. holes for M16 bolts

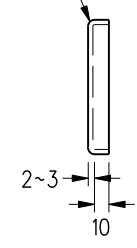
View A



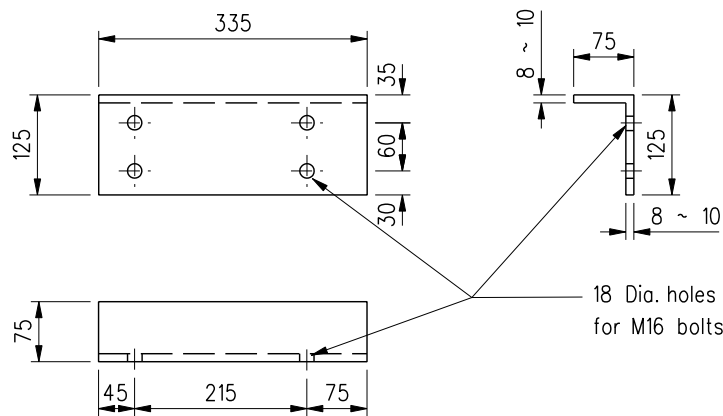
STEEL CAP FOR CLEAT

1:5

External edge of cap to be rounded to a radius not less than 1mm



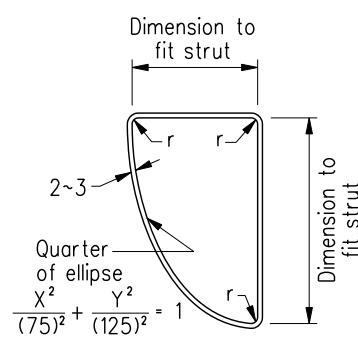
VIEW A



STRUT FOR BLOCK-OUT SINGLE MOUNTING

18 Dia. holes for M16 bolts

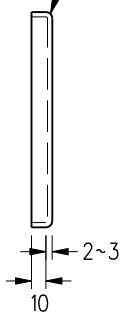
View B



STEEL CAP FOR STRUT

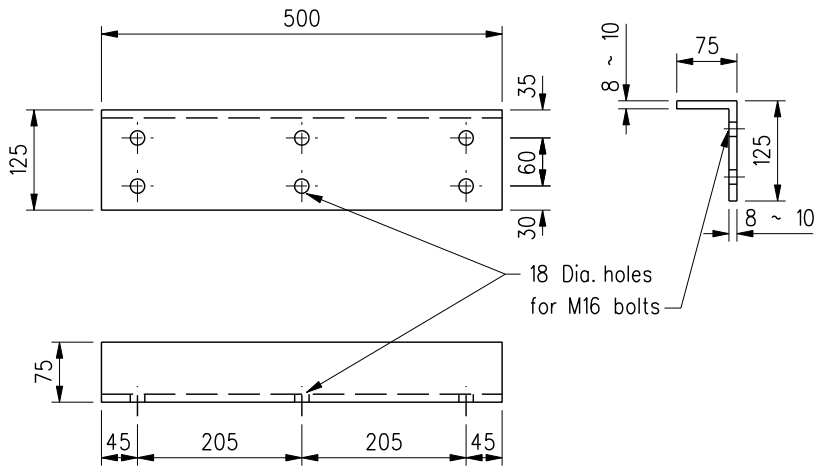
1:5

External edge of cap to be rounded to a radius not less than 1mm



VIEW B

(Details to the mirror image of the above may be required to suit actual orientation of strut)



STRUT FOR BLOCK-OUT DOUBLE MOUNTING

18 Dia. holes for M16 bolts

Notes:

1. Dimensions are in millimetres.
2. Cleats and struts shall be fabricated from angle sections to B.S. 4 of weldable structural steel complying with B.S. 4360, grade 43A.
3. After fabrication cleats and struts shall be hot dip galvanized to BS EN ISO 1461 : 1999.
4. Top end of cleat to be capped with steel. The steel cap shall be firmly fixed to the cleat by not less than 4 spot welds evenly spaced.
5. End of strut not connected to cleat to be capped with steel. The steel cap shall be firmly fixed to the strut by not less than 4 spot welds evenly spaced.
6. R = 71 ~ 76 to suit exact dimension of cleat
 $r = 4 \sim 6$
7. Steel caps shall be hot dip galvanized to BS EN ISO 1461 : 1999.
8. All spot welds if applied after hot dip galvanizing shall be covered with zinc rich painting.

B	Capping details for cleat / strut angles and Notes 4 to 8 added.		Nov 07
A	Note 3 updated		Sep 07
	Former Drg. No. H2015 with general revision		Jun 94
REF.	REVISION	SIGNATURE	DATE

BEAM BARRIER -
CLEATS AND STRUTS

HIGHWAYS DEPARTMENT

REFERENCE	DRAWING No.	CAD
SCALE	H 2125B	
1 : 10 or as shown		