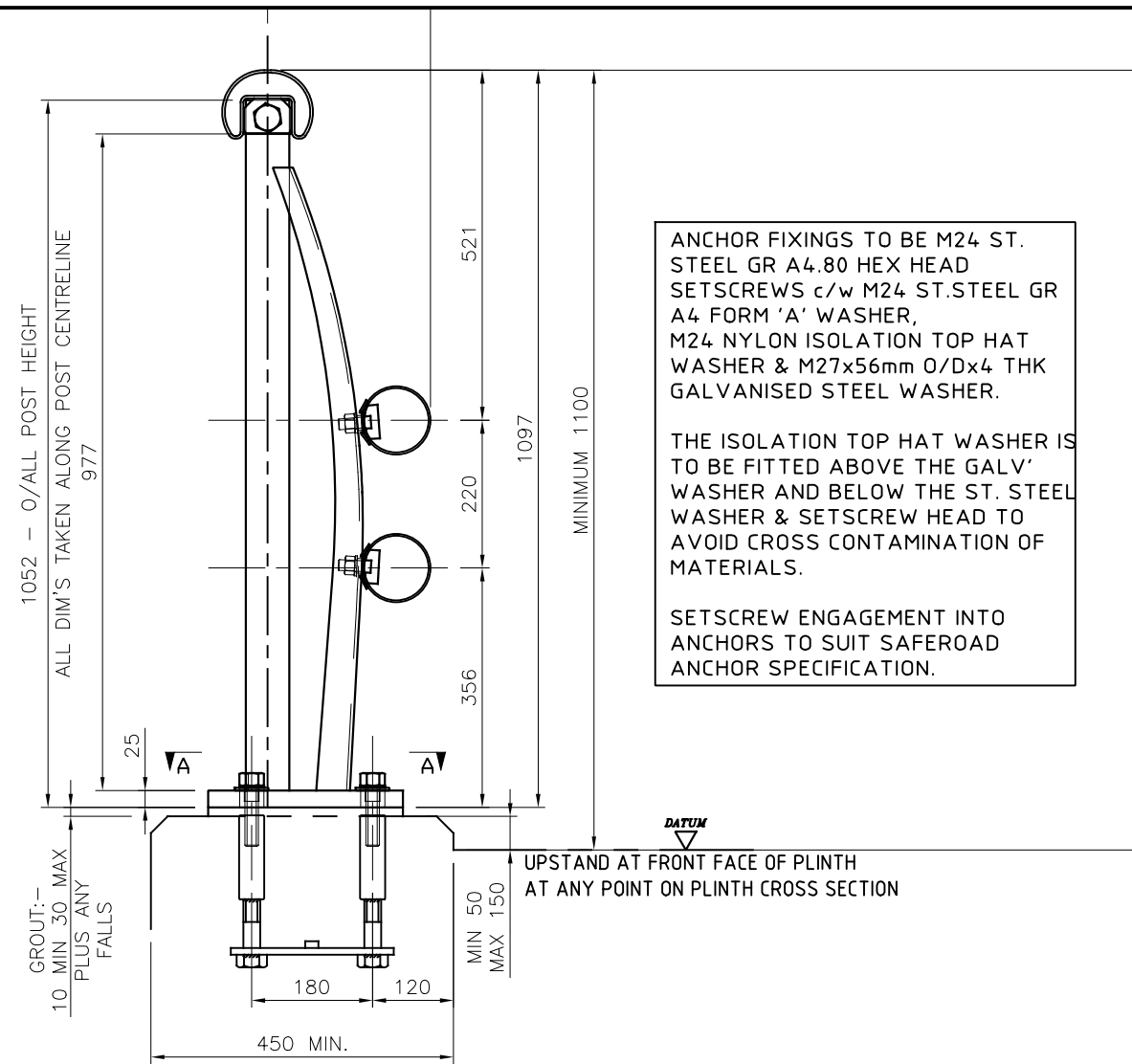


IF IN DOUBT ASK.

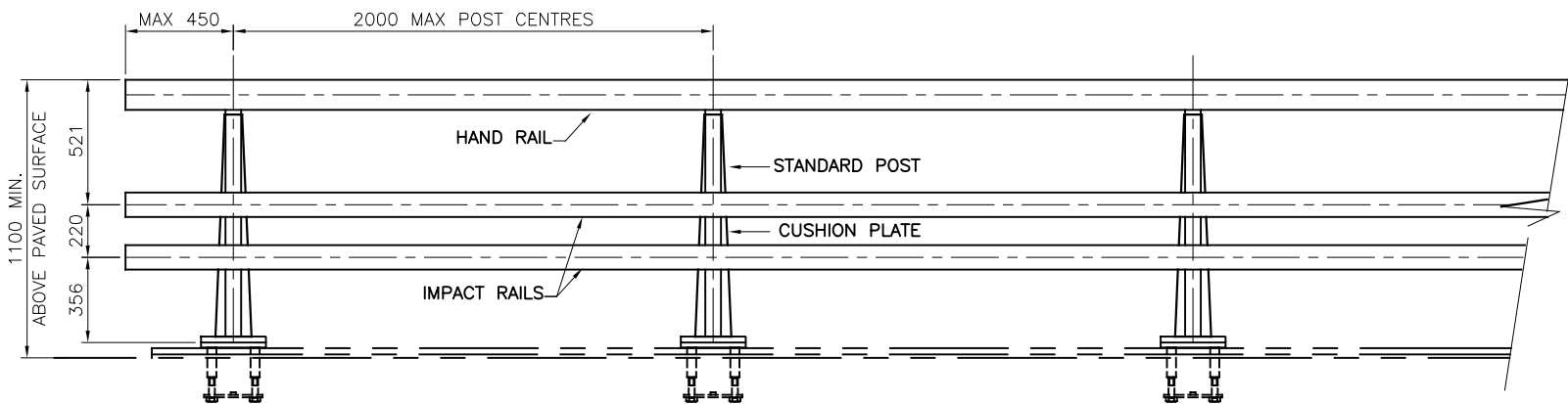
DRAWING NOT TO BE SCALED.



ANCHOR FIXINGS TO BE M24 ST. STEEL GR A4.80 HEX HEAD SETSCREWS c/w M24 ST. STEEL GR A4 FORM 'A' WASHER, M24 NYLON ISOLATION TOP HAT WASHER & M27x56mm O/Dx4 THK GALVANISED STEEL WASHER.

THE ISOLATION TOP HAT WASHER IS TO BE FITTED ABOVE THE GALV' WASHER AND BELOW THE ST. STEEL WASHER & SETSCREW HEAD TO AVOID CROSS CONTAMINATION OF MATERIALS.

SETSCREW ENGAGEMENT INTO ANCHORS TO SUIT SAFEROAD ANCHOR SPECIFICATION.

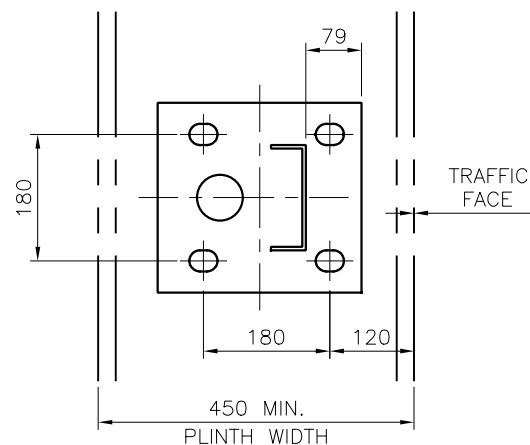


ELEVATION ON TRAFFIC FACE OF 1.100m HIGH SICURO PARAPET

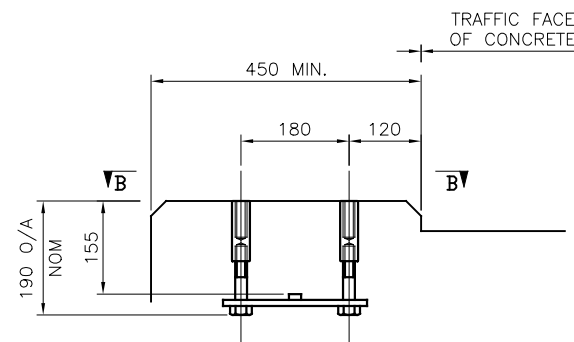
POST CENTRES AND RAIL LENGTHS MAY VARY DUE TO SITE CONDITIONS. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH SITE SPECIFIC DRAWINGS.

SECTION THROUGH PARAPET

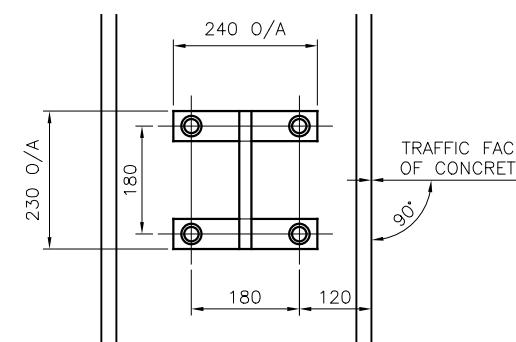
ULTIMATE PLASTIC MOMENT OF RESISTANCE:- 33.1kNm.
CO-EXISTANT SHEAR:- 79.90kN.



SECTION A-A



SECTION THROUGH UPSTAND



SECTION B-B
PLAN VIEW ON UPSTAND

ANCHOR CRADLE DETAIL

CAST-IN ANCHOR CRADLE MAY BE REPLACED WITH CHEMICAL ANCHORS OF REQUIRED SIZE & LOAD CAPACITY DETERMINED BY SITE CONDITIONS & SAFEROAD. EXISTING ANCHORS - IF PRESENT - ARE TO BE TESTED PRIOR FITTING OF PARAPET POSTS AND REPLACED IF UNSUITABLE.

GENERAL NOTES:

- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
- PARAPET HEIGHT DETERMINED FROM ADJACENT GROUND LEVEL.
- STEEL TO BE HOT DIP GALVANISED TO BS EN ISO 1461.
- HOLDING DOWN SETSCREWS TO BE TO BS 3692 AND BE ST. STEEL TO BS EN ISO 3506-1 GRADE A4 CLASS 80.
- PARAPET PERFORMANCE IS TO BS EN 1317.
CONTAINMENT LEVEL:- H2
WORKING WIDTH:- W2 (0.7m)
IMPACT SEVERITY LEVEL:- CLASS B
- POSTS TO BE IN A VERTICAL POSITION.
- GROUT BEDDING UNDER BASEPLATE 10mm MIN - 30mm MAX.
- FOR MATERIAL WEIGHTS REFER TO COMPONENT DRAWINGS.

SAFEROAD
VRS LTD

Concord House
Bessemer Way
Sourthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 269119 Fax: 01724 261476

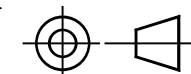
TITLE:-
General Details & Arrangement of H2/W2 VRS Sicuro Parapet
Standard 1.10m High

ORDER No:-

ISSUE DATE:-

MATL:-

PROJECTION:-



DRAWN:-

M. Teal

DATE:-

21.03.12

DRG NO:-

S/GA-01

CHECKED:-

G.S

SCALE:-

Not to Scale

APPROVED:-

SIG.

CHECKED QA:-

M.T

APPROVED:-

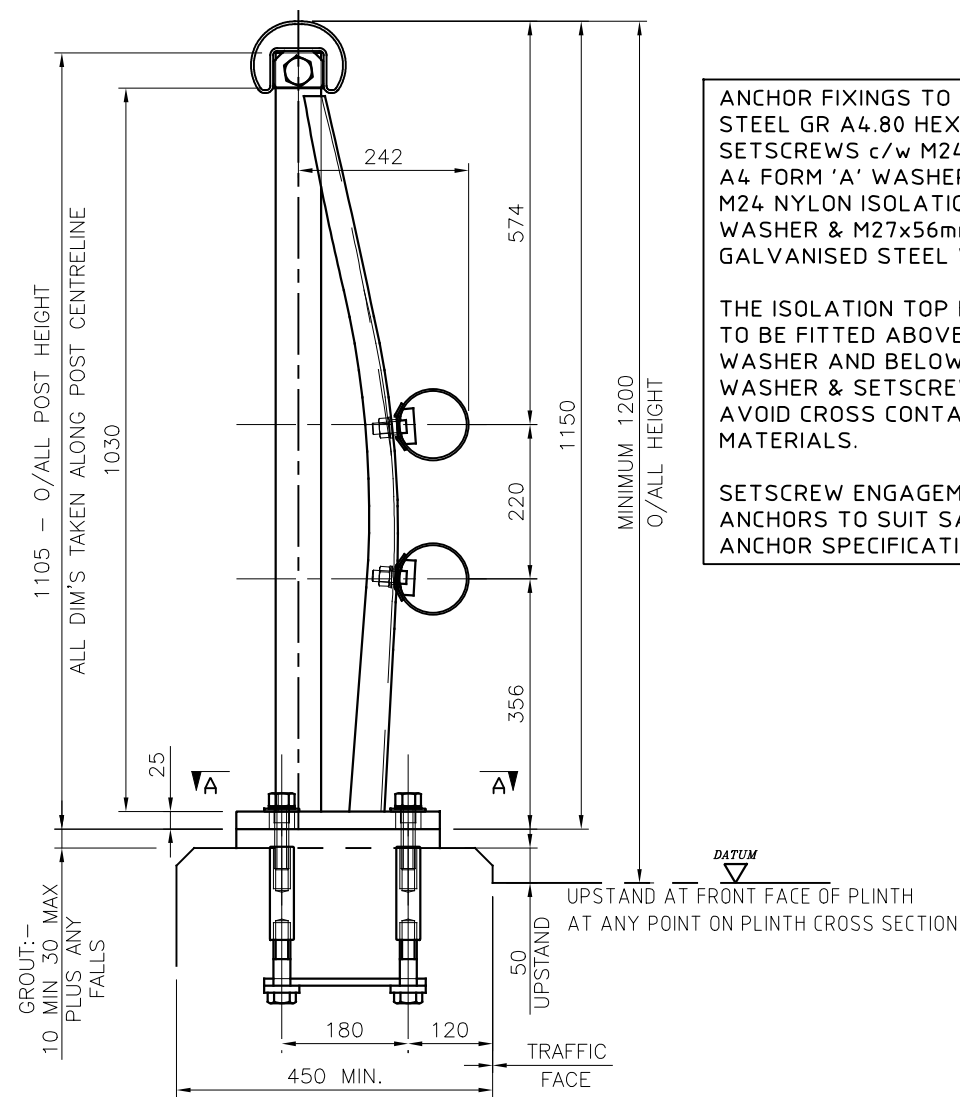
M.T

REV:-

02

IF IN DOUBT ASK.

DRAWING NOT TO BE SCALED.

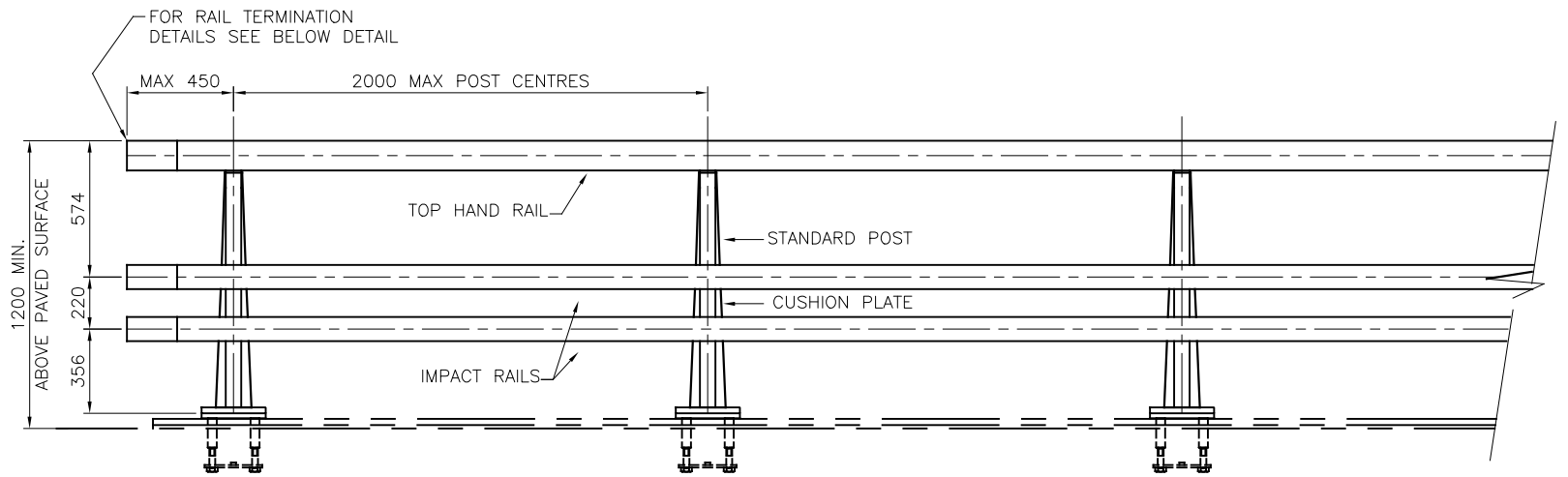


ANCHOR FIXINGS TO BE M24 ST. STEEL GR A4.80 HEX HEAD SETSCREWS c/w M24 ST. STEEL GR A4 FORM 'A' WASHER, M24 NYLON ISOLATION TOP HAT WASHER & M27x56mm O/Dx4 THK GALVANISED STEEL WASHER.

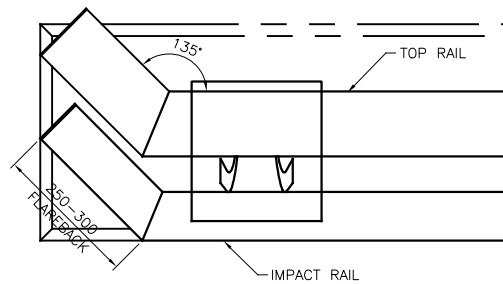
THE ISOLATION TOP HAT WASHER IS TO BE FITTED ABOVE THE GALV' WASHER AND BELOW THE ST. STEEL WASHER & SETSCREW HEAD TO AVOID CROSS CONTAMINATION OF MATERIALS.

SETSCREW ENGAGEMENT INTO ANCHORS TO SUIT SAFEROAD ANCHOR SPECIFICATION.

POST CENTRES AND RAIL LENGTHS MAY VARY DUE TO SITE CONDITIONS. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH SITE SPECIFIC DRAWINGS.



ELEVATION ON TRAFFIC FACE OF 1.200m HIGH SICURO PARAPET

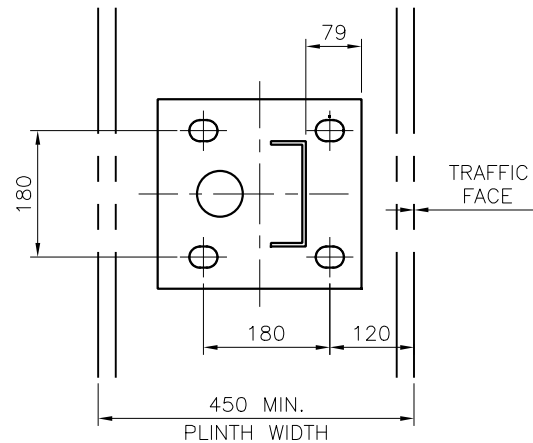


RAIL FLARE BACK DETAIL

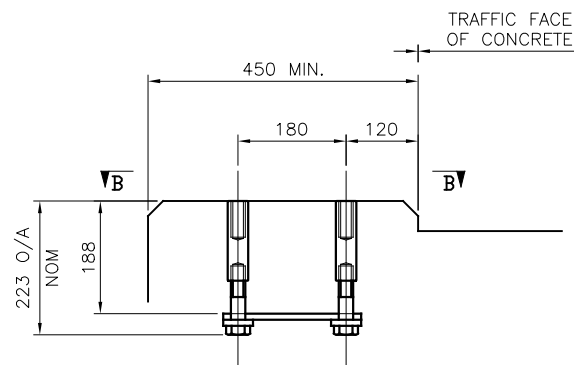
FOR CONNECTION INTO MEGAFLEX TRANSITION SEE DRG. No. UK 18154

SECTION THROUGH PARAPET

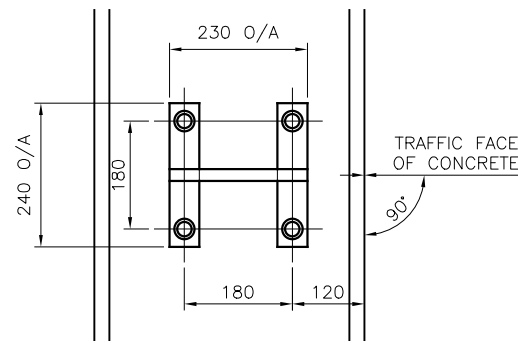
ULTIMATE PLASTIC MOMENT OF RESISTANCE:- 33.1kNm.
CO-EXISTANT SHEAR:- 79.90kN.



SECTION A-A



SECTION THROUGH UPSTAND



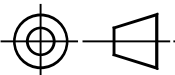
SECTION B-B
PLAN VIEW ON UPSTAND

ANCHOR CRADLE DETAIL

CAST-IN ANCHOR CRADLE MAY BE REPLACED WITH CHEMICAL ANCHORS OF REQUIRED SIZE & LOAD CAPACITY DETERMINED BY SITE CONDITIONS & SAFEROAD. EXISTING ANCHORS - IF PRESENT - ARE TO BE TESTED PRIOR FITTING OF PARAPET POSTS AND REPLACED IF UNSUITABLE.

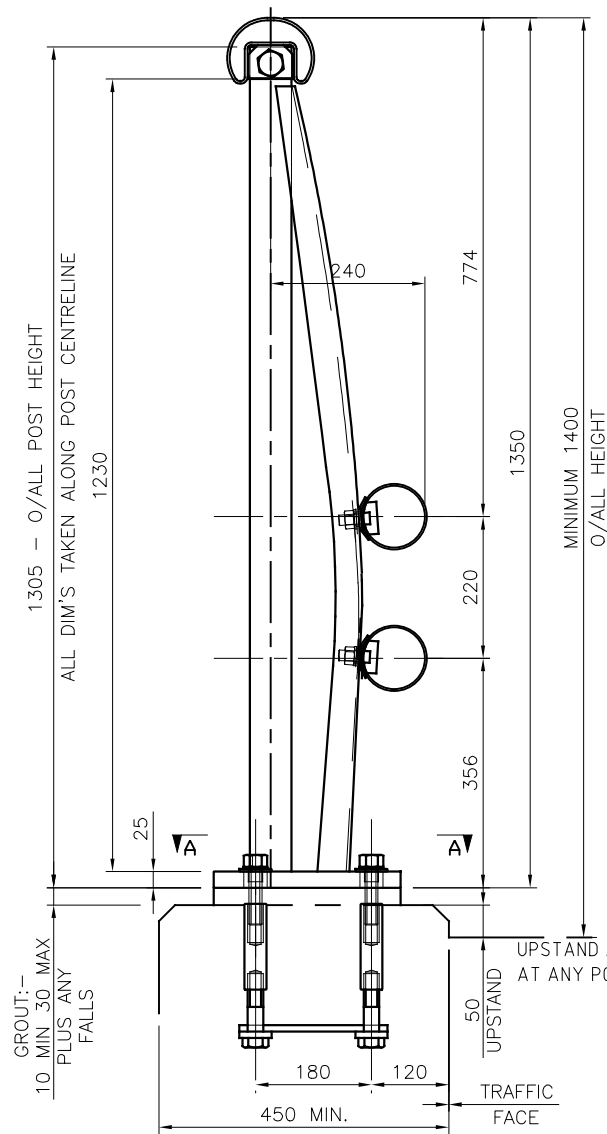
GENERAL NOTES:

- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
- PARAPET HEIGHT DETERMINED FROM ADJACENT GROUND LEVEL.
- STEEL TO BE HOT DIP GALVANISED TO BS EN ISO 1461.
- HOLDING DOWN SETSCREWS TO BE TO BS 3692 AND BE ST. STEEL TO BS EN ISO 3506-1 GRADE A4 CLASS 80.
- PARAPET PERFORMANCE IS TO BS EN 1317.
CONTAINMENT LEVEL:- H2
WORKING WIDTH:- W2 (0.8m)
IMPACT SEVERITY LEVEL:- CLASS B
- POSTS TO BE IN A VERTICAL POSITION.
- GROUT BEDDING UNDER BASEPLATE 10mm MIN - 30mm MAX.
- FOR MATERIAL WEIGHTS REFER TO COMPONENT DRAWINGS.



IF IN DOUBT ASK.

DRAWING NOT TO BE SCALED.



ANCHOR FIXINGS TO BE M24 ST. STEEL GR A4.80 HEX HEAD SETSCREWS c/w M24 ST. STEEL GR A4 FORM 'A' WASHER, M24 NYLON ISOLATION TOP HAT WASHER & M27x56mm O/Dx4 THK GALVANISED STEEL WASHER.

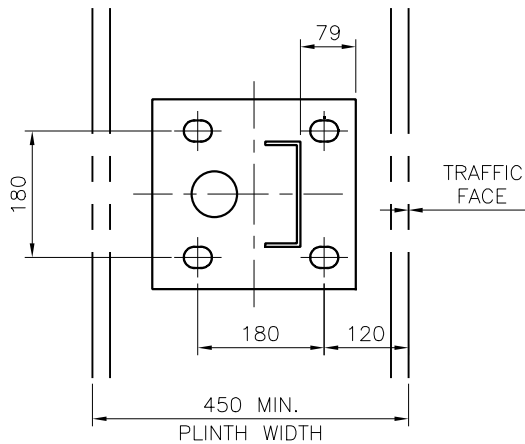
THE ISOLATION TOP HAT WASHER IS TO BE FITTED ABOVE THE GALV' WASHER AND BELOW THE ST. STEEL WASHER & SETSCREW HEAD TO AVOID CROSS CONTAMINATION OF MATERIALS.

SETSCREW ENGAGEMENT INTO ANCHORS TO SUIT SAFEROAD ANCHOR SPECIFICATION.

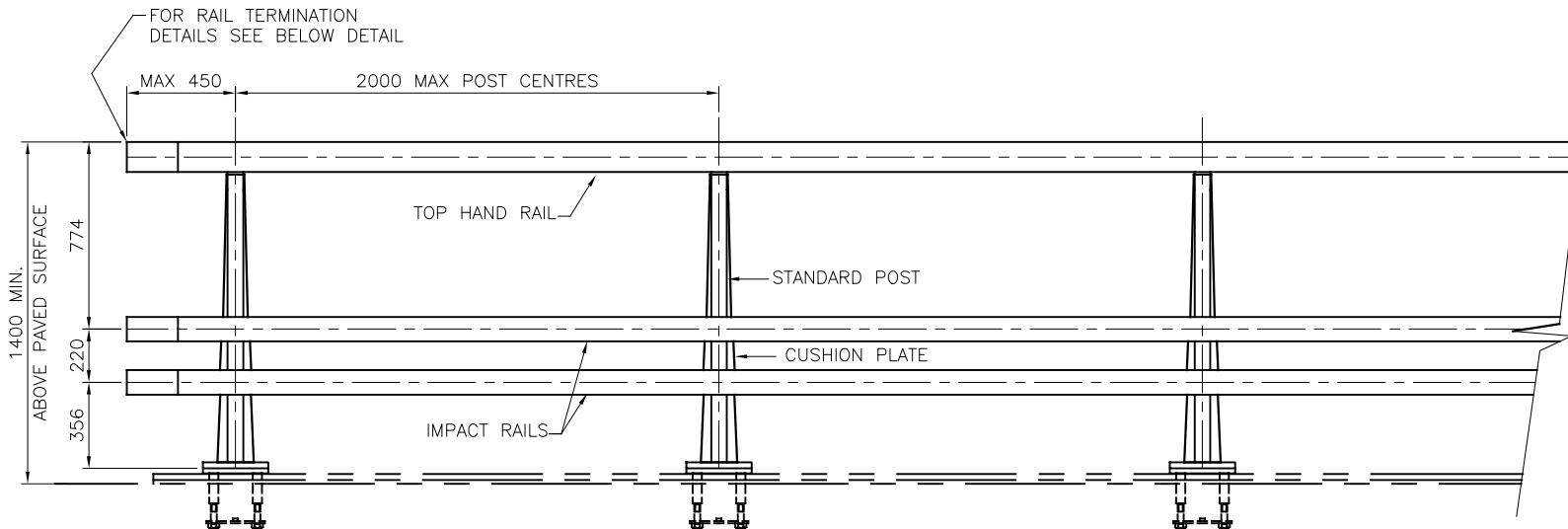
UPSTAND AT FRONT FACE OF PLINTH AT ANY POINT ON PLINTH CROSS SECTION

SECTION THROUGH PARAPET

ULTIMATE PLASTIC MOMENT OF RESISTANCE:- 33.1kNm.
CO-EXISTANT SHEAR:- 79.90kN.



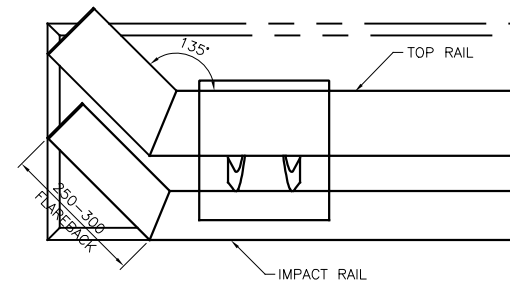
SECTION A-A



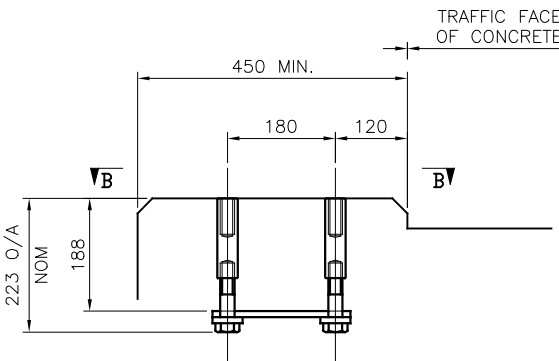
ELEVATION ON TRAFFIC FACE OF 1.400m HIGH SICURO PARAPET

POST CENTRES AND RAIL LENGTHS MAY VARY DUE TO SITE CONDITIONS. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH SITE SPECIFIC DRAWINGS.

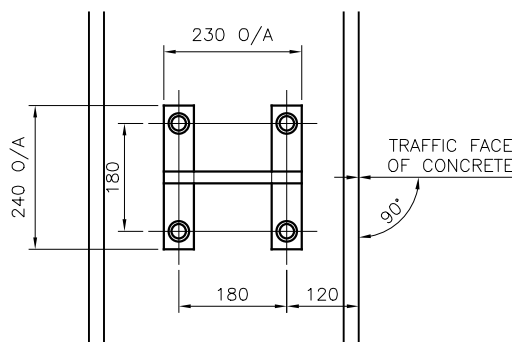
FOR CONNECTION INTO MEGAFLEX TRANSITION SEE DRG. No. UK 18154



RAIL FLARE BACK DETAIL



SECTION THROUGH UPSTAND



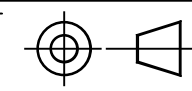
SECTION B-B
PLAN VIEW ON UPSTAND

ANCHOR CRADLE DETAIL

CAST-IN ANCHOR CRADLE MAY BE REPLACED WITH CHEMICAL ANCHORS OF REQUIRED SIZE & LOAD CAPACITY DETERMINED BY SITE CONDITIONS & SAFEROAD. EXISTING ANCHORS - IF PRESENT - ARE TO BE TESTED PRIOR FITTING OF PARAPET POSTS AND REPLACED IF UNSUITABLE.

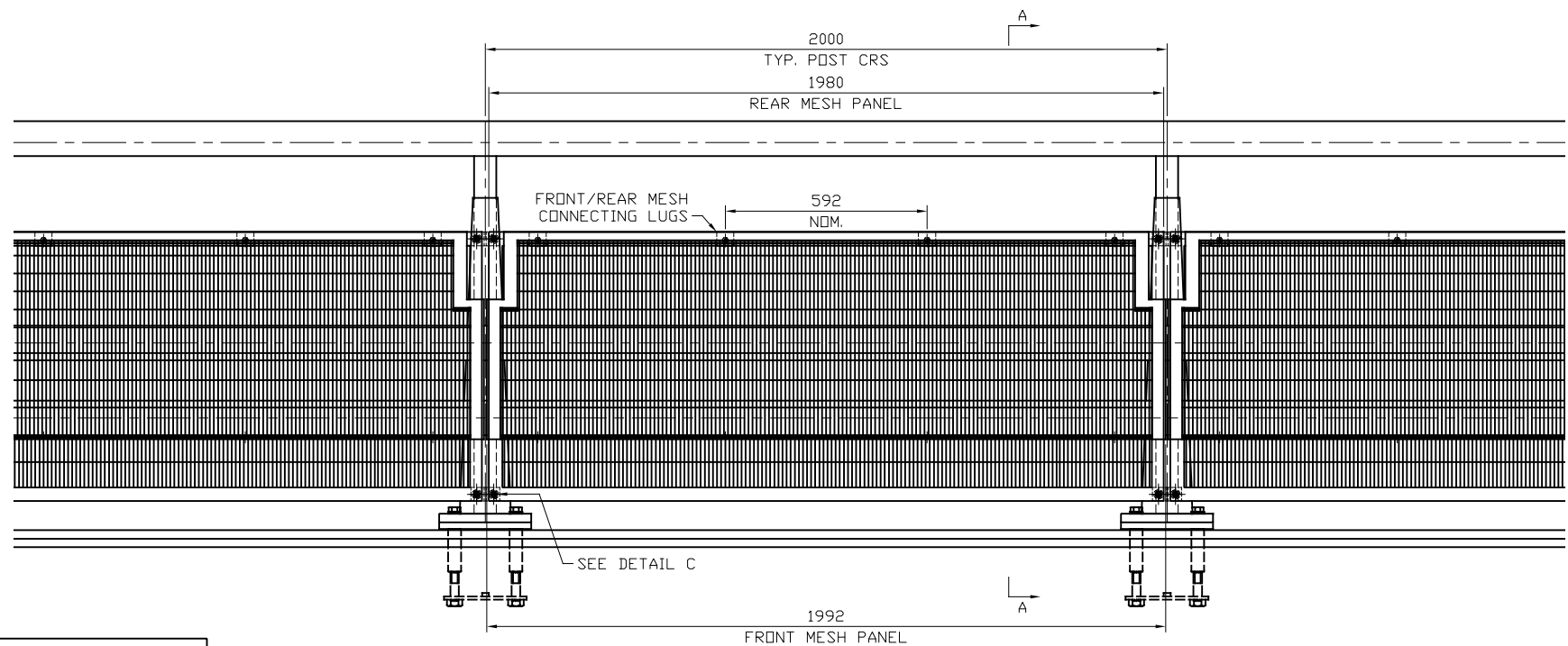
GENERAL NOTES:

- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
- PARAPET HEIGHT DETERMINED FROM ADJACENT GROUND LEVEL.
- STEEL TO BE HOT DIP GALVANISED TO BS EN ISO 1461.
- HOLDING DOWN SETSCREWS TO BE TO BS 3692 AND BE ST. STEEL TO BS EN ISO 3506-1 GRADE A4 CLASS 80.
- PARAPET PERFORMANCE IS TO BS EN 1317.
CONTAINMENT LEVEL:- H2
WORKING WIDTH:- W2 (0.8m)
IMPACT SEVERITY LEVEL:- CLASS B
- POSTS TO BE IN A VERTICAL POSITION.
- GROUT BEDDING UNDER BASEPLATE 10mm MIN - 30mm MAX.
- FOR MATERIAL WEIGHTS REFER TO COMPONENT DRAWINGS.



IF IN DOUBT ASK.

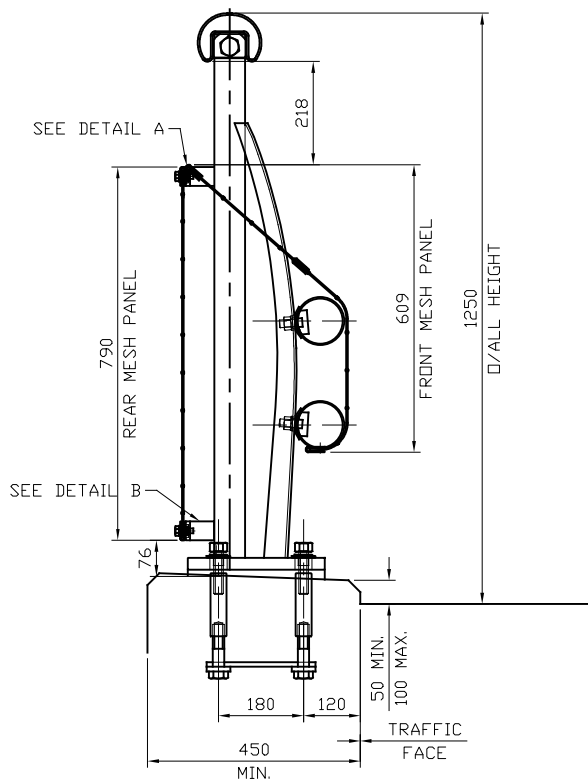
DRAWING NOT TO BE SCALED.



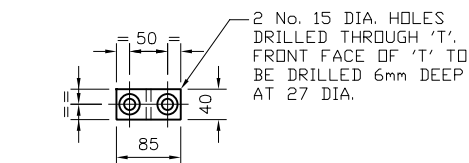
POST CENTRES AND RAIL LENGTHS MAY VARY DUE TO SITE CONDITIONS. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH SITE SPECIFIC DRAWINGS.

DUE TO LOW TOLERANCE OF FITTING MESH SYSTEM, IT IS RECOMMENDED POST/ANCHOR CRS ARE CONFIRMED BY AS-CAST SURVEY PRIOR TO MANUFACTURE OF MESH PANELS

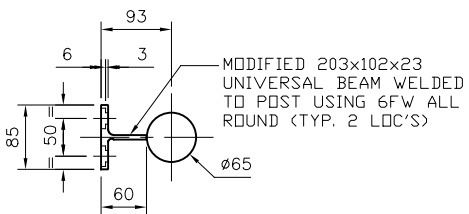
ELEVATION ON TRAFFIC FACE OF SICURO STEEL PARAPET
SCALE: 1:20



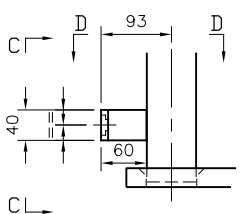
VIEW ON A-A
TYPICAL SECTION THROUGH PARAPET
SCALE: 1:16



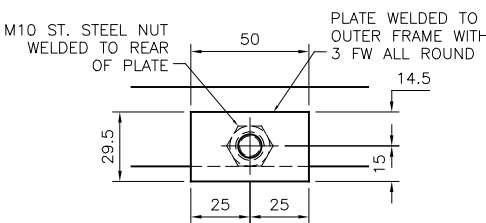
VIEW ON C-C
SCALE: 1:10



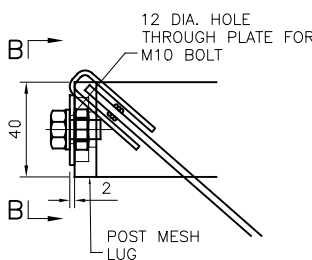
VIEW ON D-D
SCALE: 1:10



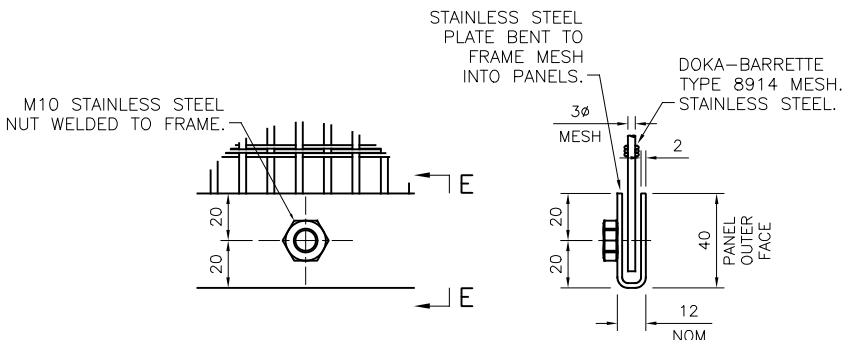
DETAIL B
POST MESH LUG DETAIL
SCALE: 1:10



VIEW ON B-B
SCALE: 1:16



DETAIL A
SCALE: 1:16



DETAIL C
REAR MESH PANEL FIXING
SCALE: 1:16

VIEW ON E-E
SCALE: 1:16

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. FOR GENERAL CONSTRUCTION OF 1.25m HIGH SICURO STEEL PARAPET SEE DRG. S-GA-04.
3. STAINLESS STEEL COMPONENTS TO EN 10088 & EN 10297 AUSTENITIC GRADES 1.4401 (EQUIVALENT TO 316)
4. ALL STAINLESS STEEL SURFACE FINISHES (TOP PLATE, MESH FRAMES & INTERNAL CORE COVER PLATE) TO BE MATT NON-DIRECTIONAL FINE GLOSS BEAD BLASTED FINISH TO PROVIDE A UNIFORM SATIN MATT FINISH. MAXIMUM SURFACE ROUGHNESS OF 0.5µm Ra.

SAFEROAD

VRS LTD
Concord House
Bessamer Way
Southorpe
North Lincolnshire, DN15 8WE
Tel: 01724 269119 Fax: 01724 261478

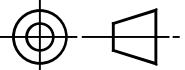
TITLE:-
General Details & Arrangement of H2/W2 VRS Sicuro Parapet
1.25m High c/w Front & Rear Framed Mesh Infill Panels

ORDER No:-

ISSUE DATE:-

MATL:-

PROJECTION:-



DRAWN:-

M. Teal

DATE:-

27.02.18

DRG NO:-

S/GA-06

CHECKED:-

G.S

SCALE:-

Not to Scale

REV:-

00

CHECKED QA:-

APPROVED:-

SIG.

