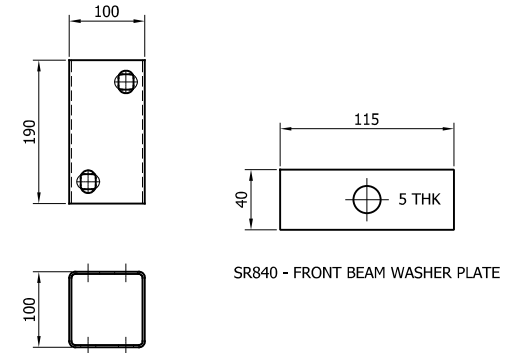
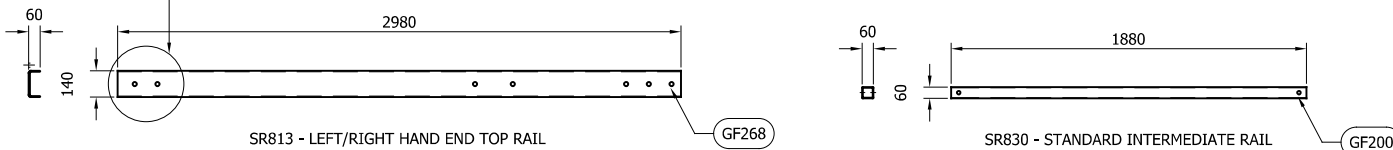
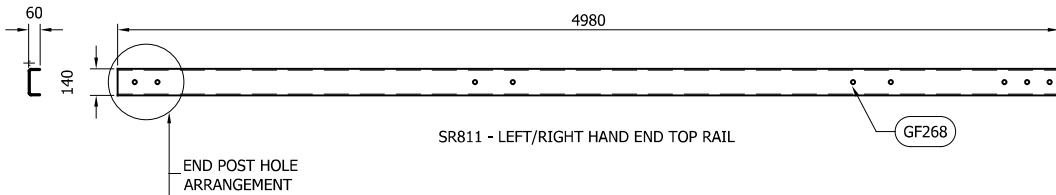
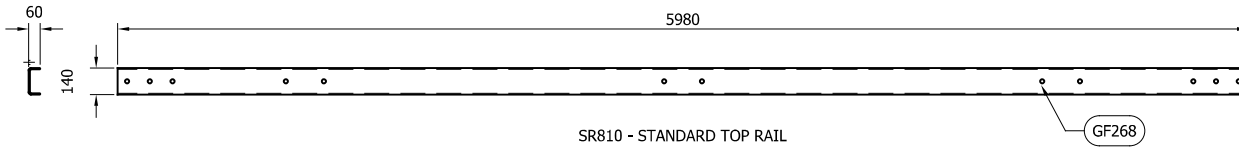
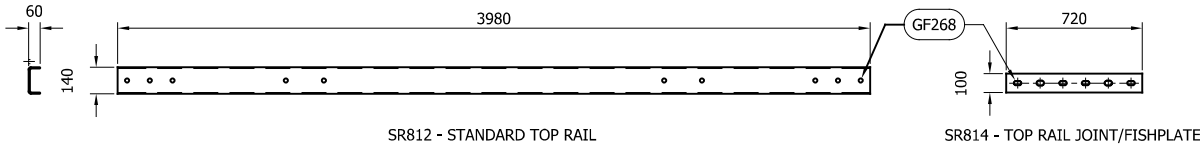
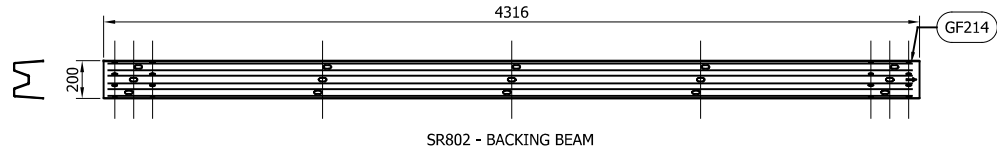
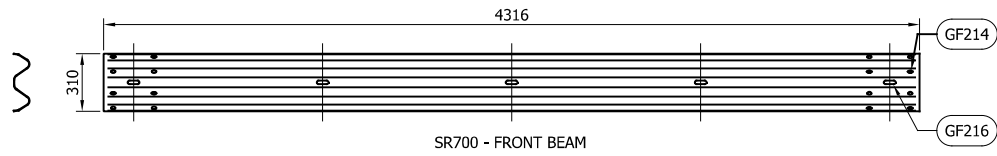




SCHEDULE OF FASTENERS								
REF.	SIZE	TYPE	LENGTH (mm)	GRADE	NUT, No OFF & GRADE	WASHERS, No AND FORM	TORQUE (Nm)	FINISH
GF214	M16	SETSCREW	35	8.8	GF174	GF163 FORM 'C'	70-140	SPUN GALVANISED
GF216	M16	SETSCREW	65	8.8	GF174	GF163 FORM 'C'	70-140	SPUN GALVANISED
GF268	M20	SETSCREW	50	8.8	GF243	2 x GF233 FORM 'A'	100-120	SPUN GALVANISED
GF200	M16	SETSCREW	100	8.8	GF174	GF163 FORM 'C'	70-140	SPUN GALVANISED

07	29.11.24	LOGO UPDATED	H.B
06	12.01.22	TITLE BLOCK REVISED	A.D
05	26.08.21	TORQUE VALUES REVISED	M.T
04	26.07.21	DESCRIPTION BOX CHANGED	A.D
03	17.10.18	DETAILS ADDED	M.T
02	30.01.17	DETAILS REVISED	M.T
1.4	18.01.17	PRODUCT CODES REVISED	L.L
REVn	DATE	DETAILS	INITIAL

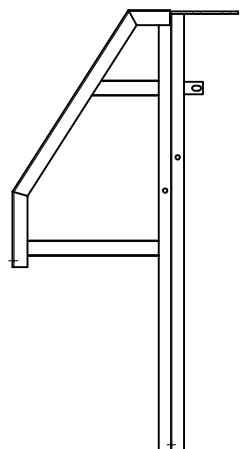
MegaGuard

H2 W1 VI 3

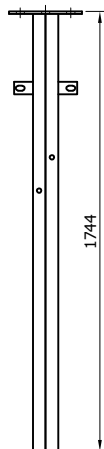
COMPONENTS_SCHEMATIC



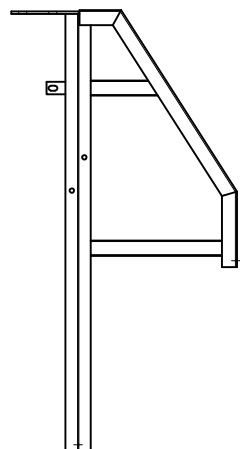
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk



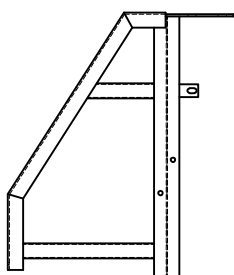
SR820
LEFT HAND END POST



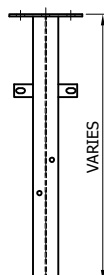
SR822
STANDARD POST



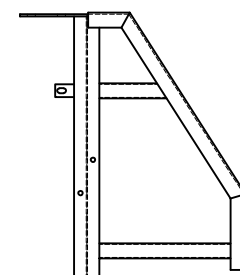
SR821
RIGHT HAND END POST



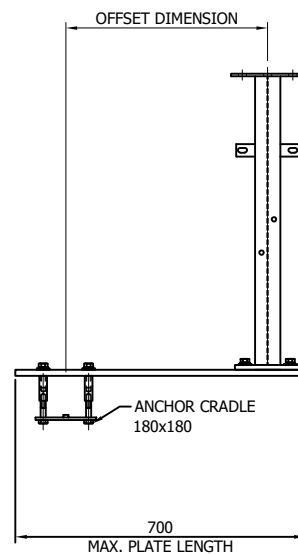
LEFT HAND
BASEPLATED END POST



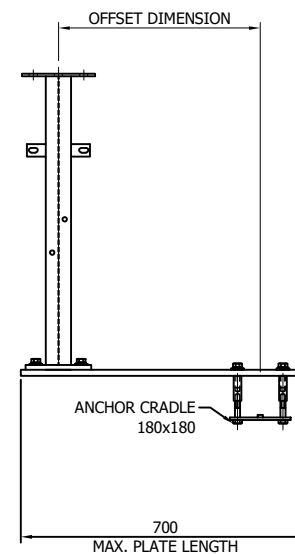
STANDARD
BASEPLATED POST



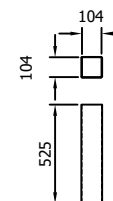
RIGHT HAND BASEPLATED
END POST



APPROACH
OFFSET POST



DEPARTURE
OFFSET POST



SR825 - POST SOCKET

SURFACE MOUNTED POST LOADINGS				
SHEAR FORCE AT BASE OF POST	TENSILE LOAD PER BOLT	MAXIMUM TENSILE LOAD	CO-EXISTENT SHEAR PER BOLT	CO-EXISTENT SHEAR PER POST
29.5kN	49kN	98kN	12.5kN	50kN

07	11.02.26	POST INFORMATION ADDED	H.B
06	29.11.24	LOGO UPDATED	H.B
05	27.07.21	DETAILS REVISED	M.T
04	27.05.21	DETAILS REVISED	M.T
03	10.03.17	CRADLE DETAIL REVISED	M.T
02	30.01.17	DETAILS REVISED	M.T
1.4	18.01.17	PRODUCT CODES REVISED	L.L
REVn	DATE	DETAILS	INITIAL

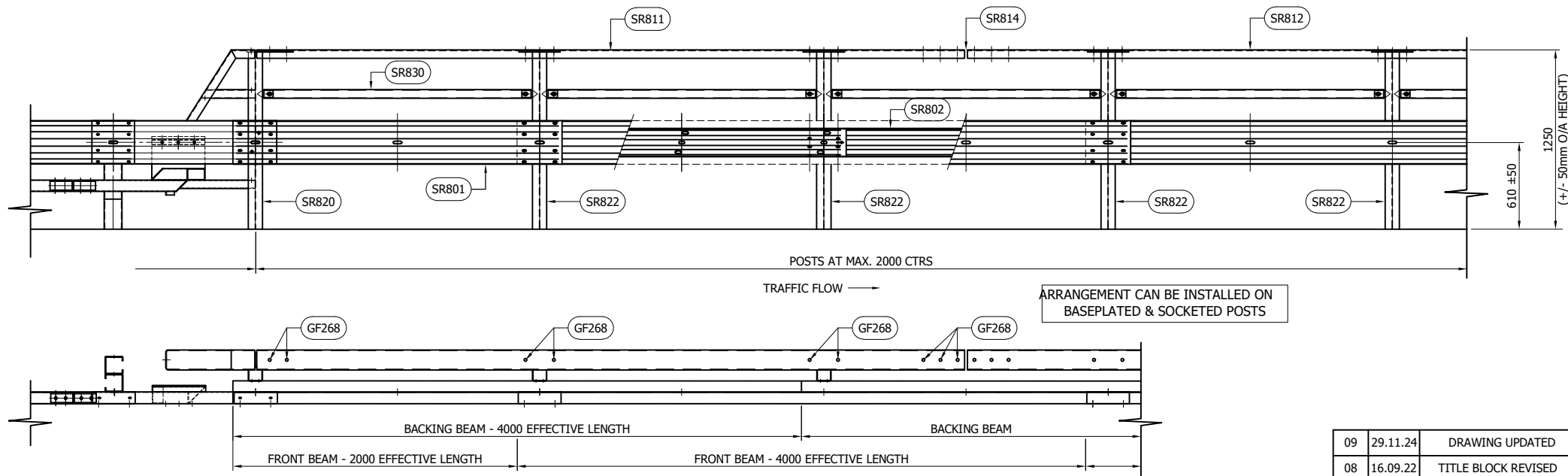
MegaGuard H2 W1 VI 3

AVAILABLE POST TYPES



CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
H2W1-GA-01	07



SYSTEM COMPONENT SCHEDULE - QUANTITIES / 4m BEAM		
SAFEROAD UK PART NUMBER	DESCRIPTION	QUANTITY
SR822	STANDARD POST	2
SR820	LEFT HAND END POST	0 (+1)
SR821	RIGHT HAND END POST	0 (+1)
SR700	FRONT BEAM	1 (+2)
SR802	BACKING BEAM	1 (+2)
SR831	POST SPACER BRACKET	2 (+1)
SR812	STANDARD TOP RAIL	1
SR811	END POST TOP RAIL	0 (+1)
SR814	TOP RAIL FISH PLATE	1 (+1)
SR830	STANDARD INTERMEDIATE RAIL	2
SR840	FRONT BEAM WASHER PLATE	2 (+1)

GENERAL NOTES:

- THIS SYSTEM IS NOT SUITABLE FOR INSTALLATIONS OF A RADIUS LESS THAN 80m.
- FOR FURTHER DETAILS ON CONNECTION TO SAFEFLEX TRANSITION, PLEASE SEE H2W1-GA-22 & 23

09	29.11.24	DRAWING UPDATED	H.B
08	16.09.22	TITLE BLOCK REVISED	A.D
07	12.08.22	TEXT REMOVED	A.D
06	23.09.21	TOLERANCE HEIGHT OF BEAM CHANGED FROM +/-30 TO +/-50	A.D
05	26.07.21	HEIGHT NOTE REVISED	A.D
04	30.08.19	DRG. REF REMOVED	M.T
03	10.03.17	FIXING CODES CORRECTED	M.T
02	30.01.17	DETAILS REVISED	M.T
1.3	18.01.17	PRODUCT CODES REVISED	L.L
REVn	DATE	DETAILS	INITIAL

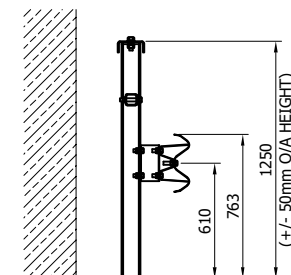
MegaGuard H2 W1 VI 3

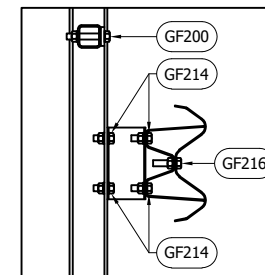
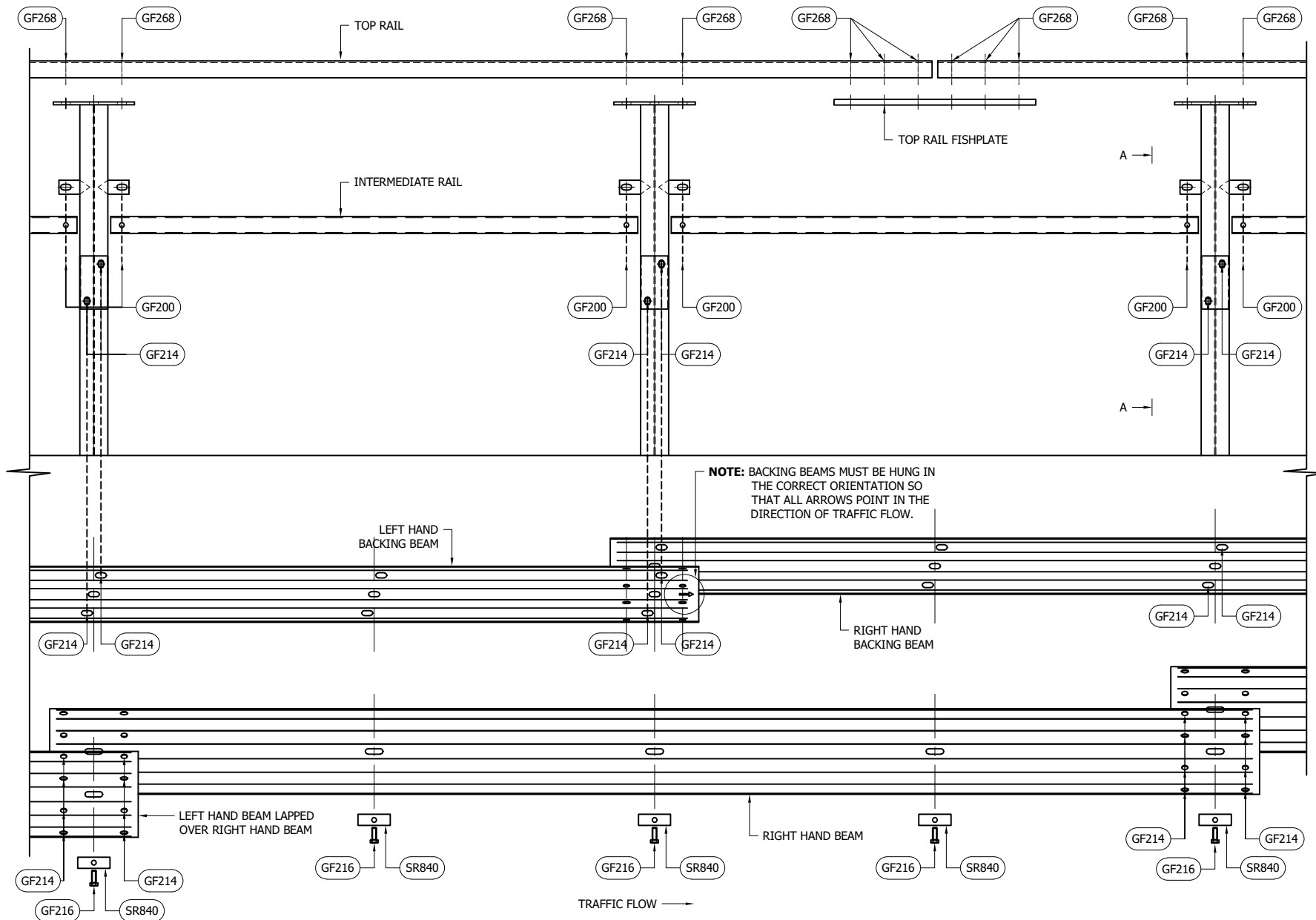
SETTING OUT GENERAL
ARRANGEMENT - LEFT HAND END
SHOWN



CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
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DRAWING NUMBER:	REVn:
H2W1-GA-02	09





SECTION A-A
AS ASSEMBLED
(SCALE 1:20)

06	29.11.24	DRAWING UPDATED	H.B
05	23.09.21	CERTAIN TORQUE VALUES CHANGED	A.D
04	27.07.21	DETAILS REVISED	M.T
03	10.03.17	FIXING CODES CORRECTED	M.T
02	30.01.17	DETAILS REVISED	M.T
1.2	18.01.17	PRODUCT CODES REVISED	L.L
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 3

GENERAL LAPPING AND BOLTING
ARRANGEMENT

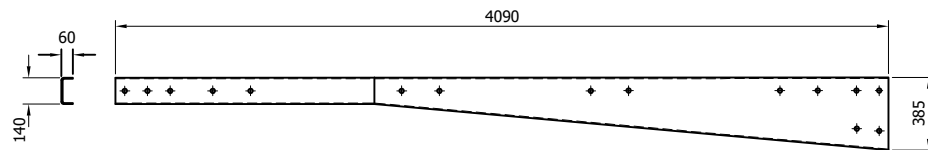


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FOR TECHNICAL ASSISTANCE CONTACT
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DRAWING NUMBER:	REVn:
H2W1-GA-03	06

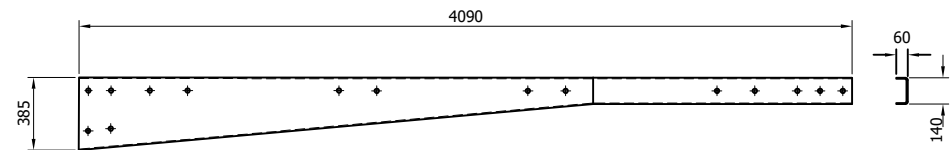
SCHEDULE OF FASTENERS

REF.	SIZE	TYPE	LENGTH (mm)	GRADE	NUT, No OFF & GRADE	WASHERS, No AND FORM	TORQUE (Nm)	FINISH
GF214	M16	SETSCREW	35	8.8	GF174	GF163 FORM 'C'	70-140	SPUN GALVANISED
GF216	M16	SETSCREW	65	8.8	GF174	GF163 FORM 'C'	70-140	SPUN GALVANISED
GF268	M20	SETSCREW	50	8.8	GF243	2 x GF233 FORM 'A'	100-120	SPUN GALVANISED
GF200	M16	SETSCREW	100	8.8	GF174	GF163 FORM 'C'	70-140	SPUN GALVANISED



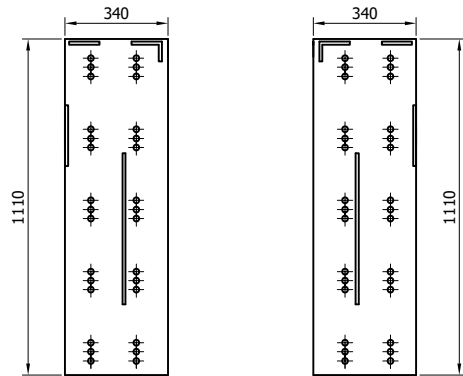
SR523 - APPROACH TAPERED TOP RAIL

SCALE: 1:40



SR522 - DEPARTURE TAPERED TOP RAIL

SCALE: 1:40

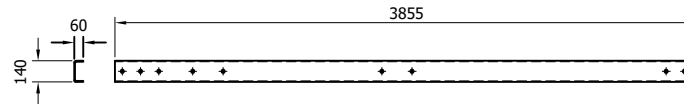


SR502 - 1.25M HIGH APPROACH
REACTION BRACKET

SCALE: 1:25

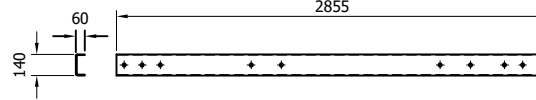
SR503 - 1.25M HIGH DEPARTURE
REACTION BRACKET

SCALE: 1:25



SR800 - TRANSITION TOP RAIL

SCALE: 1:50

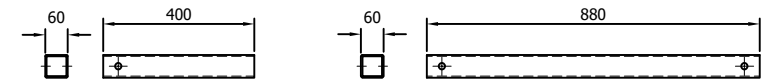


SR526 - TRANSITION TOP RAIL

SCALE: 1:50

SR800 - USED FOR CONNECTIONS TO SAFEFLX TRANSITION/SYSTEM PROGRESSION

SR526 - USED FOR CONTINUATION OF MEGAGUARD FOLLOWING TRANSITION TO CONCRETE

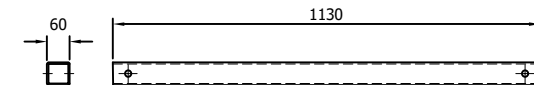


SR508 - END INTERMEDIATE RAIL

SCALE: 1:20

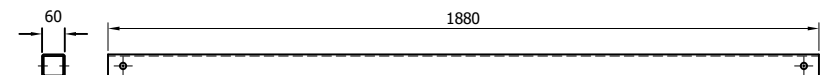
SR509 - 1M BAY INTERMEDIATE RAIL

SCALE: 1:20



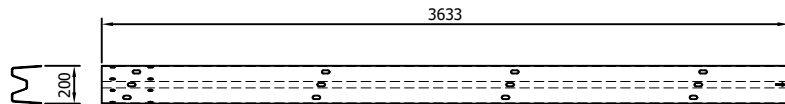
SR510 - 1.25M BAY INTERMEDIATE RAIL

SCALE: 1:20



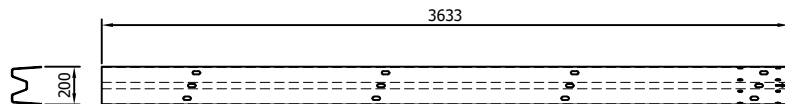
SR830 - 2M BAY INTERMEDIATE RAIL

SCALE: 1:20



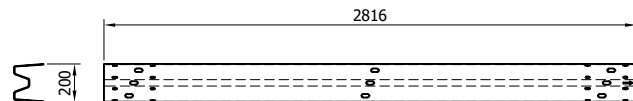
SR524 - APPROACH END BACKING BEAM

SCALE: 1:40



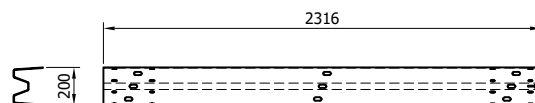
SR525 - DEPARTURE END BACKING BEAM

SCALE: 1:40



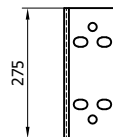
SR527 - TRANSITION BACKING BEAM

SCALE: 1:40



SR852 - HALF BACKING BEAM BEAM

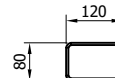
SCALE: 1:40



SR169 - UNIVERSAL TRANSITION BRACKET

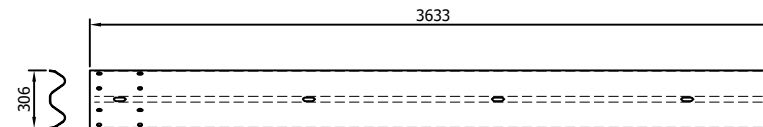
(SEE H2W1-GA-50 & 51)

SCALE: 1:16



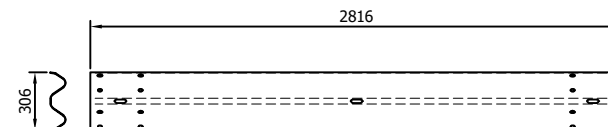
SR801 - HALF FRONT BEAM

SCALE: 1:40



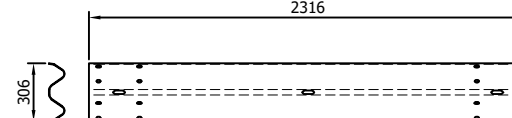
SR521 - END FRONT BEAM
(APPLICABLE TO APPROACH & DEPARTURE)

SCALE: 1:40



SR520 - TRANSITION FRONT BEAM

SCALE: 1:40



SR801 - HALF FRONT BEAM

SCALE: 1:40

09	28/05/26	SR169 ADDED	H.B
08	05/02/26	SR800 ADDED	H.B
REVn	DATE	DETAILS	INITIAL

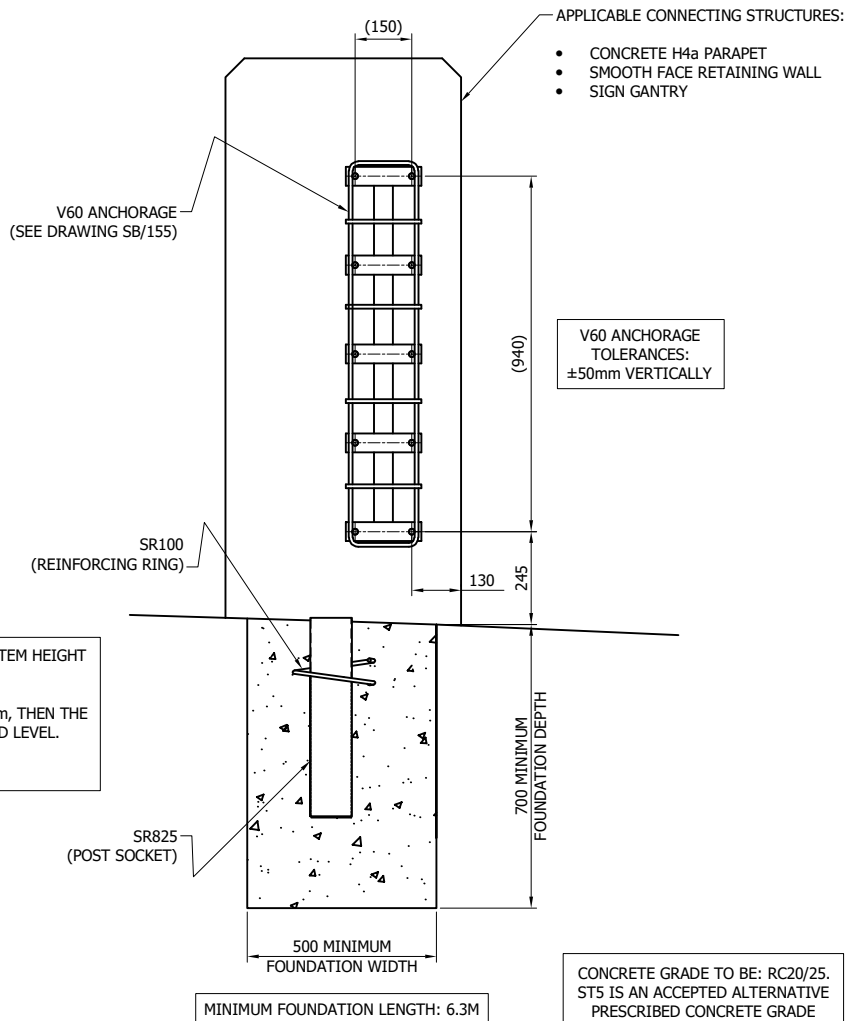
MegaGuard H2 W1 VI 1

TRANSITION TO CONCRETE
COMPONENTS SCHEMATIC

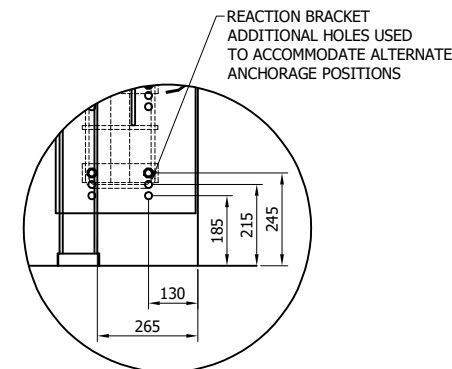


CONCORD HOUSE,
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NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
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e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
H2W1-GA-04	09



MEGAGUARD DETAILED WITH SOCKETED POSTS.
TRANSITION & SYSTEM ALSO AVAILABLE SURFACE MOUNTED



REFERENCE REACTION BRACKET
POSITIONING DETAIL
SCALE: 1:20

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. CONNECTION APPLICABLE TO: CONCRETE H4a PARAPET, SMOOTH FACE RETAINING WALL, SIGN GANTRY OR STRUCTURE.
3. FOR DETAILS OF STRUCTURE ANCHORAGE, ITEM V60, SEE DRG. No. SB/155, EXCEPT MATERIAL TO BE STAINLESS STEEL GRADE 1.4362.
4. TOTAL LENGTH OF BARRIER TO BE AS STATED IN CD 377.
5. MINIMUM LENGTH OF FOUNDATION 6.3m.
MEGAGUARD AT STANDARD 2.0 METRE POST SPACING OR PERMISSIBLE DEVIATIONS CAN BE INSTALLED ON SINGULAR CONCRETE FOUNDATIONS - SIZE & TYPE DETERMINED BY FOLLOWING THE FOUNDATION TESTING PROCEDURE.

09	05/02/26	GENERAL DRAWING UPDATE	H.B
08	19/02/25	GENERAL NOTES UPDATED	H.B
07	29/11/24	LOGO UPDATED	H.B
REVn	DATE	DETAILS	INITIAL

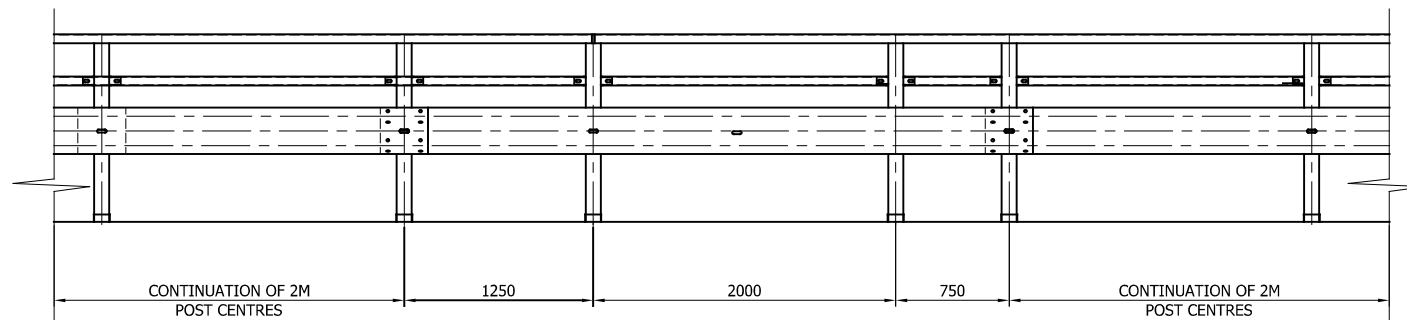
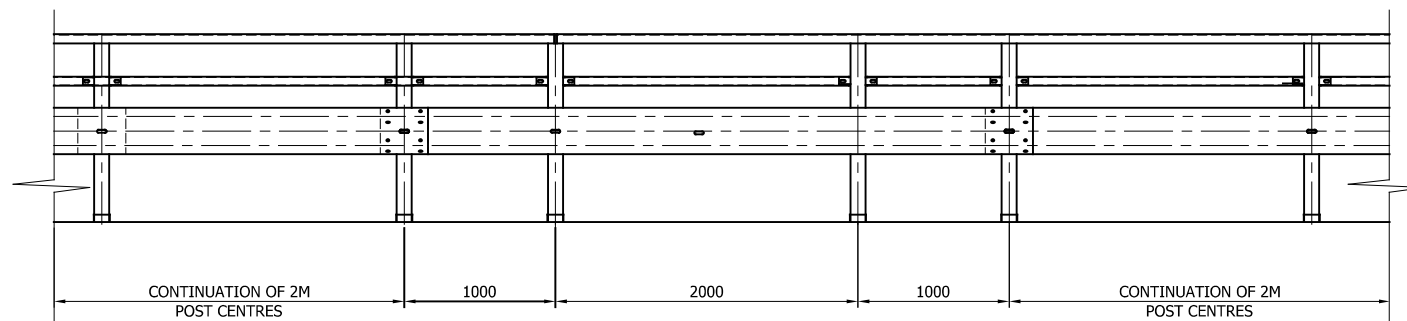
MegaGuard H2 W1 VI 1

POST FOUNDATION & ANCHORAGE
POSITION DETAIL

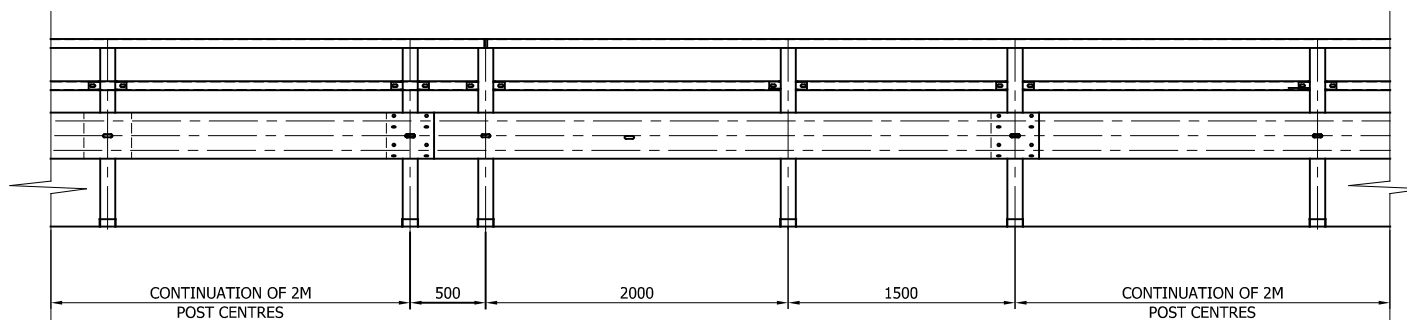


CONCORD HOUSE,
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NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
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DRAWING NUMBER:	REVn:
H2W1-GA-11	09



CAN BE REVERSED TO SUIT SITE REQUIREMENT



CAN BE REVERSED TO SUIT SITE REQUIREMENT

02	29.11.24	LOGO UPDATED	A.D
01	27.06.22	NOTES CHANGED	A.D
00	22.02.22	DRAWING CREATED	M.T
REVn	DATE	DETAILS	INITIAL

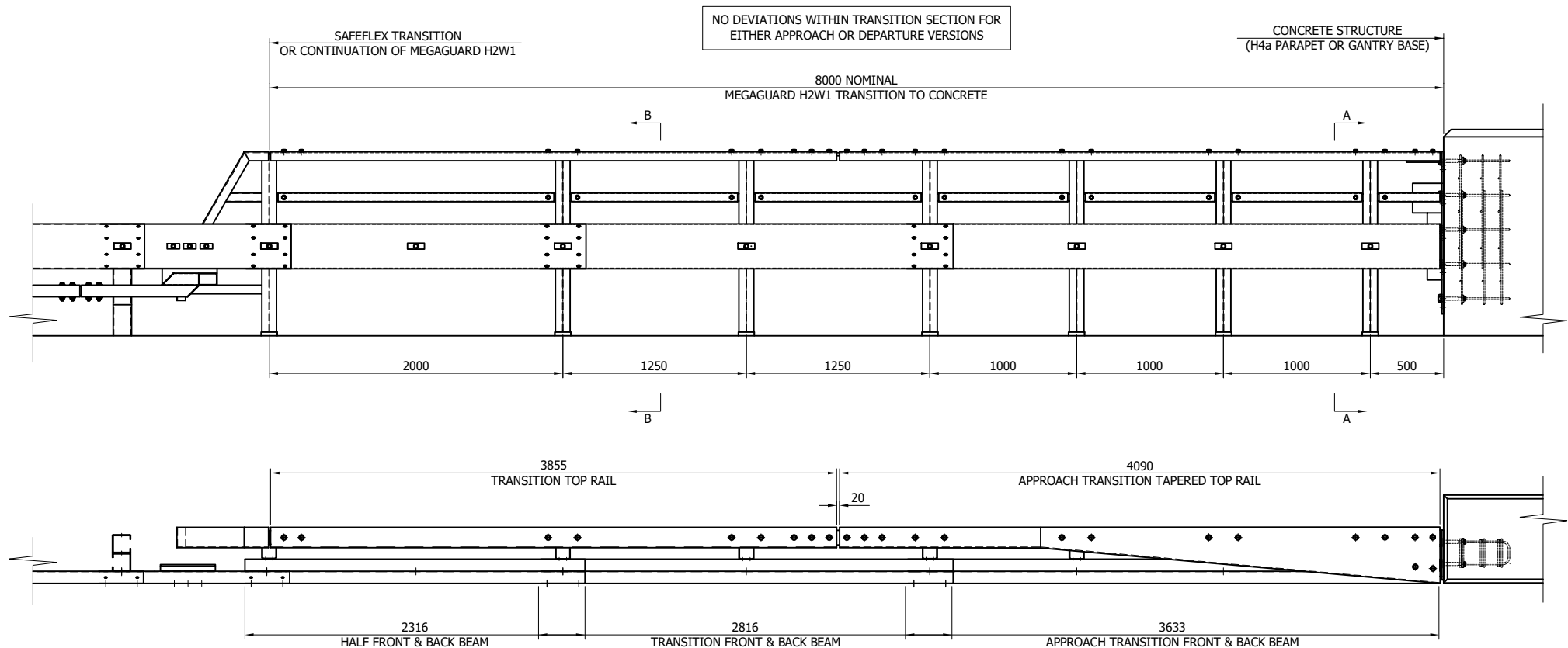
MegaGuard H2 W1 VI 3

POST CENTRE DEVIATIONS
H2/W1 MEGAGUARD



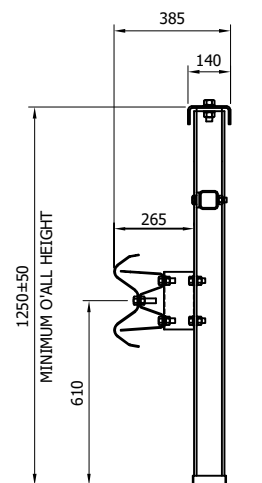
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
H2W1-GA-40	02

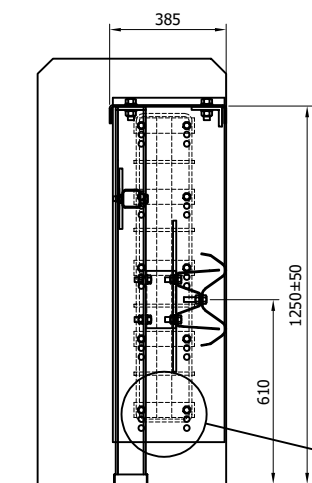


GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. CONNECTION APPLICABLE TO; CONCRETE H4a PARAPET, SMOOTH FACE RETAINING WALL OR SIGN GANTRY.
3. FOR DETAILS OF STRUCTURE ANCHORAGE, ITEM V60, SEE DRG. No. SB/155.
4. FOR FURTHER DETAILS ON CONNECTION OF MEGAGUARD TO SAFEX TRANSITION, PLEASE SEE UK 27460 & UK 27461.
5. V60 ANCHOR CRADLE DETAILED WITHIN DRAWING. ANCHORS CAN ALSO BE DRILL & FIXED, WITH AN EMBEDMENT DEPTH OF 280mm. PULL OUT TEST LOAD TO BE 50kN.

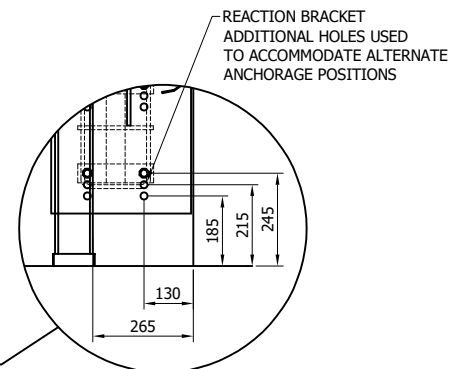


SECTION B-B
SCALE: 1:25



SECTION A-A
SCALE: 1:25

MEGAGUARD DETAILED WITH SOCKETED POSTS.
TRANSITION & SYSTEM ALSO AVAILABLE SURFACE MOUNTED



REACTION BRACKET
POSITIONING DETAIL
SCALE: 1:20

00	09/01/26	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

8M APPROACH TRANSITION TO
CONCRETE SCHEMATIC

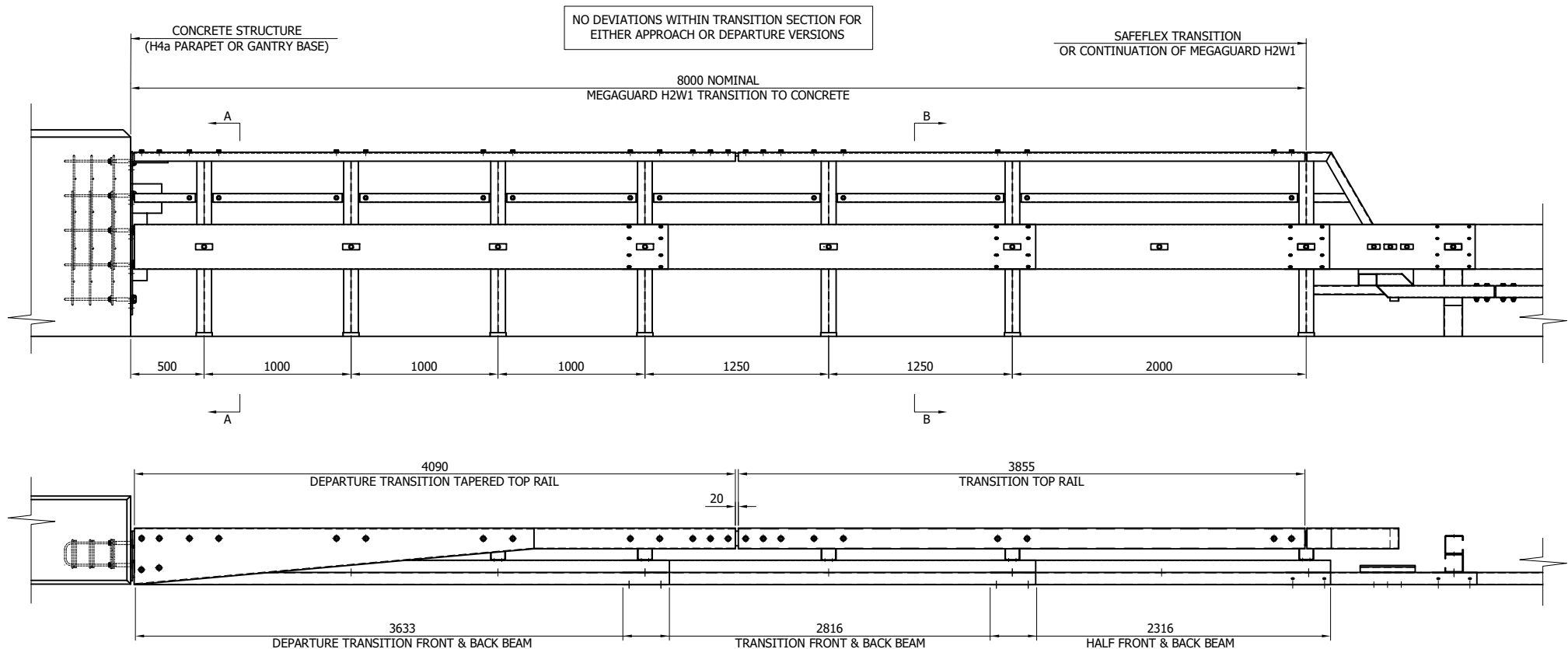
SAFEROAD

CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
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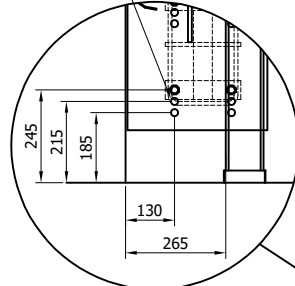
H2W1-GA-41

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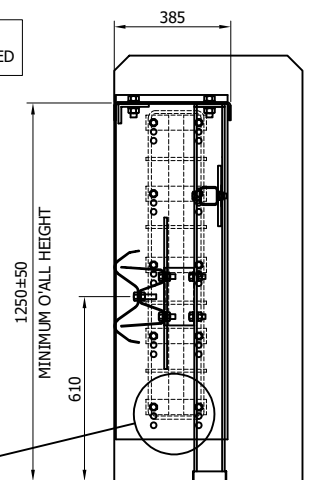


MEGAGUARD DETAILED WITH SOCKETED POSTS.
TRANSITION & SYSTEM ALSO AVAILABLE SURFACE MOUNTED

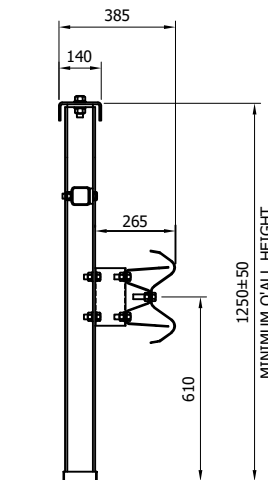
REACTION BRACKET
ADDITIONAL HOLES USED
TO ACCOMMODATE ALTERNATE
ANCHORAGE POSITIONS



**REACTION BRACKET
POSITIONING DETAIL**
SCALE: 1:20



SECTION A-A
SCALE: 1:25



SECTION B-B
SCALE: 1:25

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. CONNECTION APPLICABLE TO; CONCRETE H4a PARAPET, SMOOTH FACE RETAINING WALL OR SIGN GANTRY.
3. FOR DETAILS OF STRUCTURE ANCHORAGE, ITEM V60, SEE DRG. No. SB/155.
4. FOR FURTHER DETAILS ON CONNECTION OF MEGAGUARD TO SAFEFLEX TRANSITION, PLEASE SEE UK 27460 & UK 27461.
5. V60 ANCHOR CRADLE DETAILED WITHIN DRAWING. ANCHORS CAN ALSO BE DRILL & FIXED, WITH AN EMBEDMENT DEPTH OF 280mm. PULL OUT TEST LOAD TO BE 50kN.

00	12/01/26	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

8M DEPARTURE TRANSITION TO
CONCRETE SCHEMATIC



CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
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H2W1-GA-42

00

TAPERED TOP RAIL CONNECTION FIXINGS:
(PER TAPERED TOP RAIL)

4No. M20x50 SET SCREW 8.8
8No. M20 FORM 'A' WASHERS
4No. M20 HEX NUTS
(ALL FIXINGS GALVANISED)

STANDARD MEGAGUARD TRANSITION FIXINGS
(SEE SYSTEM GA DRAWINGS & MANUAL)

X4 FIXING SET
FOR TAPERED TOP RAIL
(FIXED TO REACTION BRACKET)

TRANSITION FRONT BEAM
OMITTED FOR CLARITY

SECTION A-A
(PLAN VIEW ON TAPERED TOP
RAIL CONNECTION AREA)
SCALE: 1:20

REACTION BRACKET ANCHOR FIXINGS:
(PER REACTION BRACKET)

10No. M16x65 ST/ST SET SCREW
10No. M16 ST/ST FORM 'A' WASHERS
10No. M16 NYLON WASHERS
10No. M16 GALV LARGE WASHERS

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. CONNECTION APPLICABLE TO; CONCRETE H4a PARAPET, SMOOTH FACE RETAINING WALL OR SIGN GANTRY.
3. FOR DETAILS OF STRUCTURE ANCHORAGE, ITEM V60, SEE DRG. No. SB/155.
4. V60 ANCHOR CRADLE DETAILED WITHIN DRAWING. ANCHORS CAN ALSO BE DRILL & FIXED, WITH AN EMBEDMENT DEPTH OF 280mm. PULL OUT TEST LOAD TO BE 50kN.
5. FOR FIXING DETAILS OUTSIDE OF CONNECTION AREA DETAILED WITHIN THIS DRAWING, PLEASE SEE MEGAGUARD MANUAL
6. FIXING SCHEMATIC APPLICABLE TO BOTH APPROACH & DEPARTURE TRANSITIONS

00	12/01/26	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

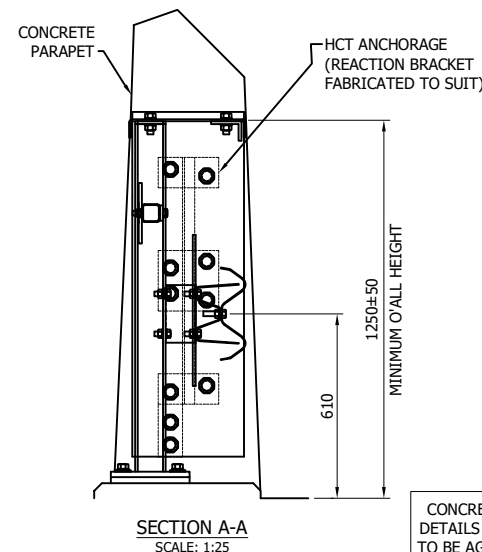
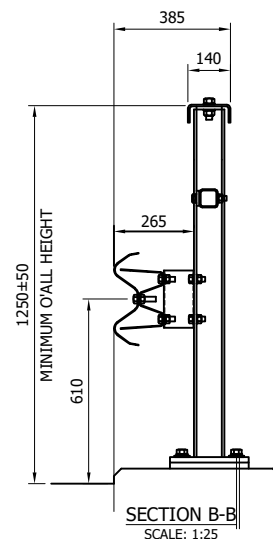
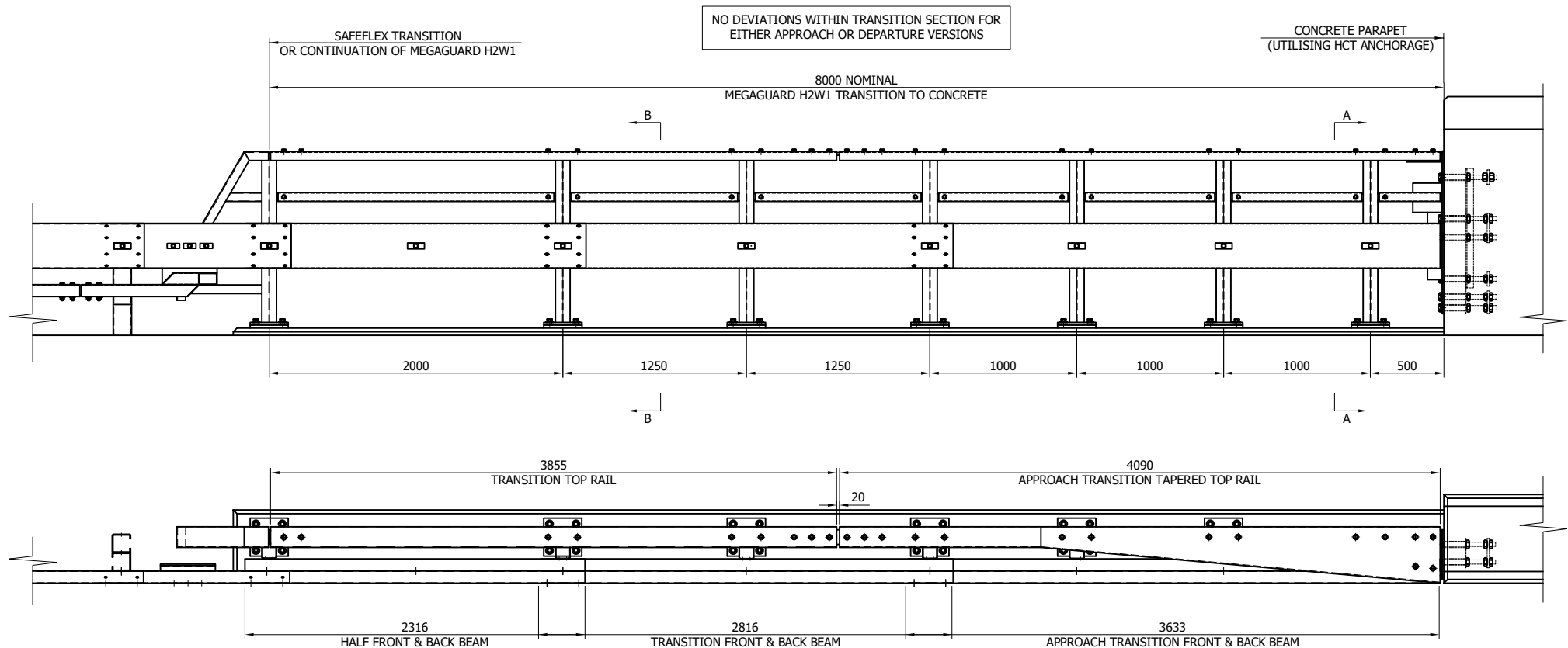
MegaGuard H2 W1 VI 1

8M TRANSITION CONNECTION AREA
FIXING SCHEMATIC



CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
H2W1-GA-43	00



CONCRETE PARAPET DIMENSIONS VARY. DETAILS OF PARAPET & CRADLE POSITION TO BE AGREED PRIOR TO COMMENCEMENT OF REACTION BRACKET FABRICATION

GENERAL NOTES:

- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
- CONNECTION APPLICABLE TO CONCRETE PARAPET UTILISING THE HCT/D/03 CRADLE ANCHOR
- FOR DETAILS OF STRUCTURE ANCHORAGE, SEE DRAWING HCT/D/03
- FOR FURTHER DETAILS ON CONNECTION OF MEGAGUARD TO SAFEFLEX TRANSITION, PLEASE SEE UK 27460 & UK 27461.
- IF GROUND LEVEL IS 0.5° OR UNDER, POSTS ARE TO BE FABRICATED LEVEL

00	06/02/26	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

8M APPROACH TRANSITION TO CONCRETE (HCT ANCHORAGE) WITH SURFACE MOUNTED POSTS



CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119

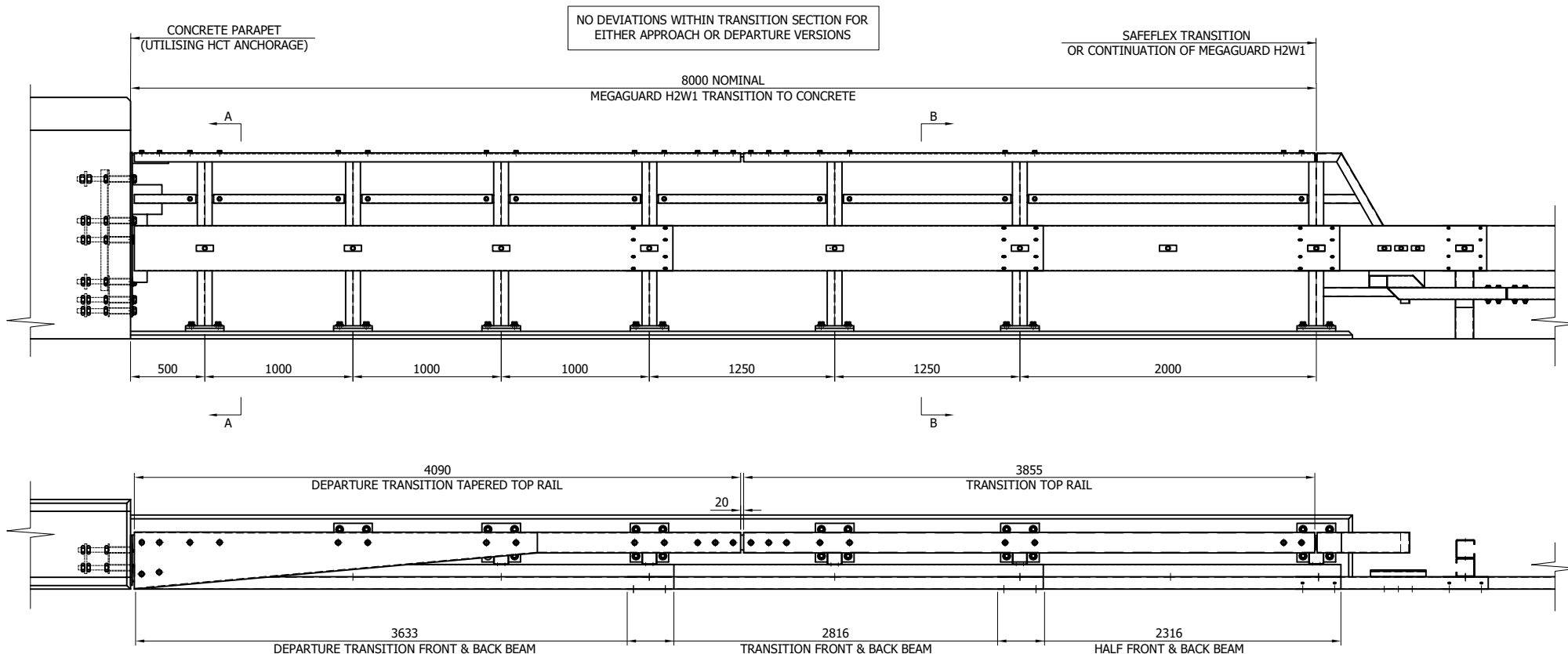
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:

H2W1-GA-44

REVn:

00



GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. CONNECTION APPLICABLE TO CONCRETE PARAPET UTILISING THE HCT/D/03 CRADLE ANCHOR
3. FOR DETAILS OF STRUCTURE ANCHORAGE, SEE DRAWING HCT/D/03
4. FOR FURTHER DETAILS ON CONNECTION OF MEGAGUARD TO SAFEFLEX TRANSITION, PLEASE SEE UK 27460 & UK 27461.
5. IF GROUND LEVEL IS 0.5° OR UNDER, POSTS ARE TO BE FABRICATED LEVEL

HCT ANCHORAGE
(REACTION BRACKET
FABRICATED TO SUIT)

CONCRETE
PARAPET

1250±50
MINIMUM O'ALL HEIGHT

610

SECTION A-A
SCALE: 1:25

CONCRETE PARAPET DIMENSIONS VARY.
DETAILS OF PARAPET & CRADLE POSITION
TO BE AGREED PRIOR TO COMMENCEMENT
OF REACTION BRACKET FABRICATION

385

140

265

1250±50
MINIMUM O'ALL HEIGHT

SECTION B-B
SCALE: 1:25

00	06/02/26	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

8M DEPARTURE TRANSITION TO
CONCRETE (HCT ANCHORAGE) WITH
SURFACE MOUNTED POSTS



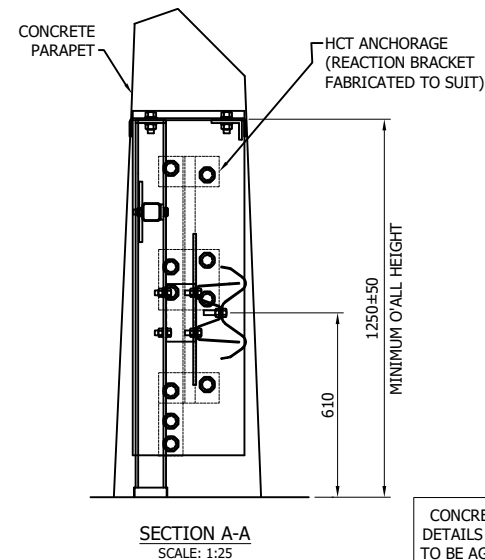
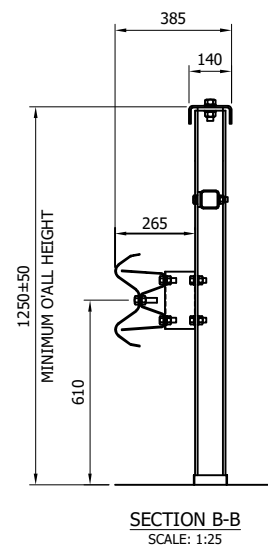
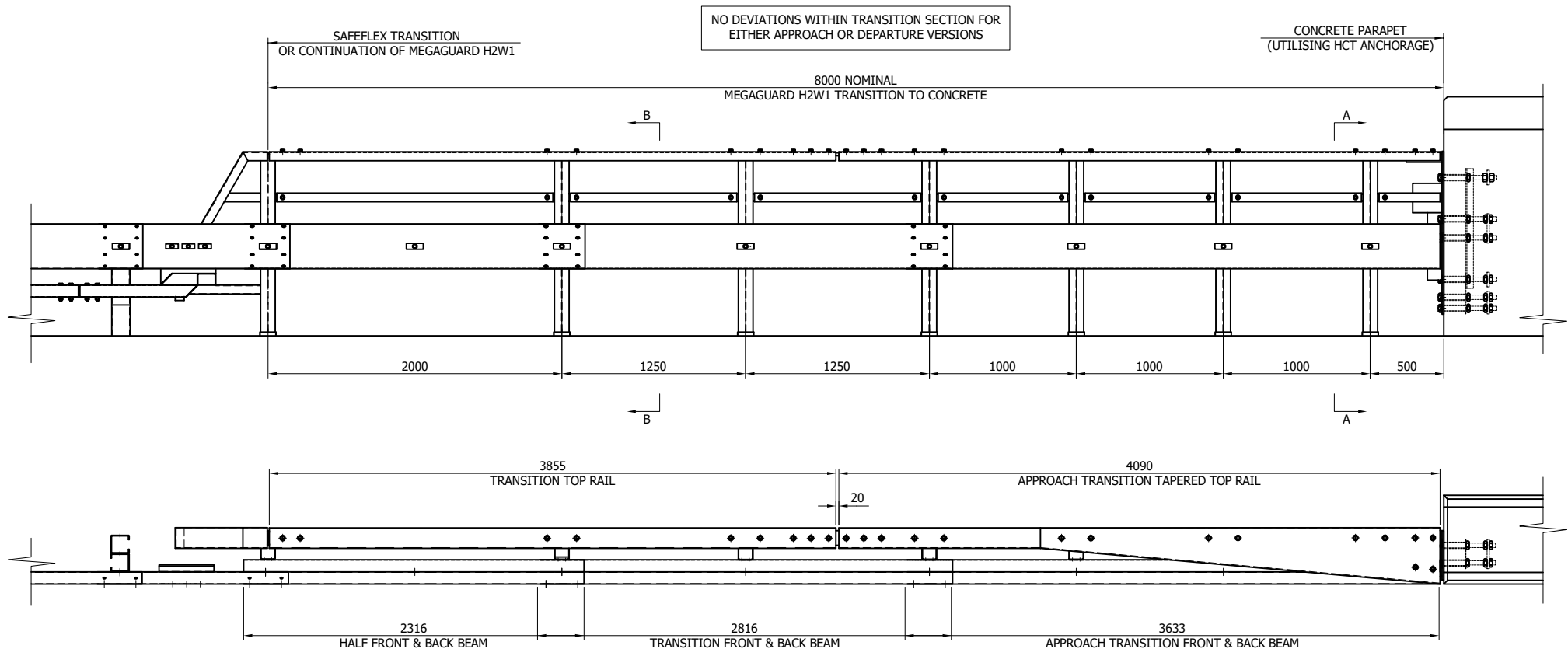
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:

H2W1-GA-45

REVn:

00



CONCRETE PARAPET DIMENSIONS VARY.
DETAILS OF PARAPET & CRADLE POSITION
TO BE AGREED PRIOR TO COMMENCEMENT
OF REACTION BRACKET FABRICATION

GENERAL NOTES:

- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
- CONNECTION APPLICABLE TO CONCRETE PARAPET UTILISING THE HCT/D/03 CRADLE ANCHOR
- FOR DETAILS OF STRUCTURE ANCHORAGE, SEE DRAWING HCT/D/03
- FOR FURTHER DETAILS ON CONNECTION OF MEGAGUARD TO SAFEFLEX TRANSITION, PLEASE SEE UK 27460 & UK 27461.
- IF GROUND LEVEL IS 0.5° OR UNDER, POSTS ARE TO BE FABRICATED LEVEL

00	09/02/26	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

8M APPROACH TRANSITION TO
CONCRETE (HCT ANCHORAGE) WITH
CONCRETE FOUNDATION

SAFEROAD

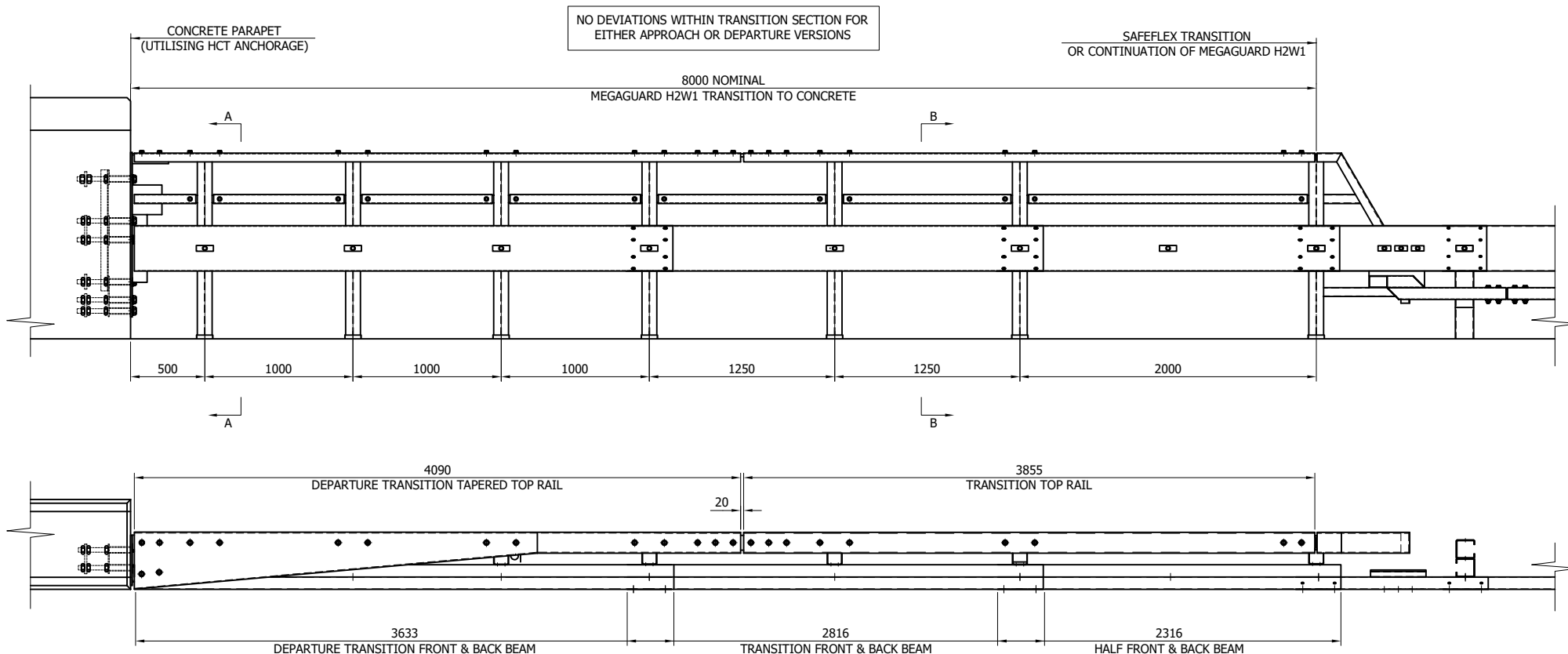
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:

H2W1-GA-46

REVn:

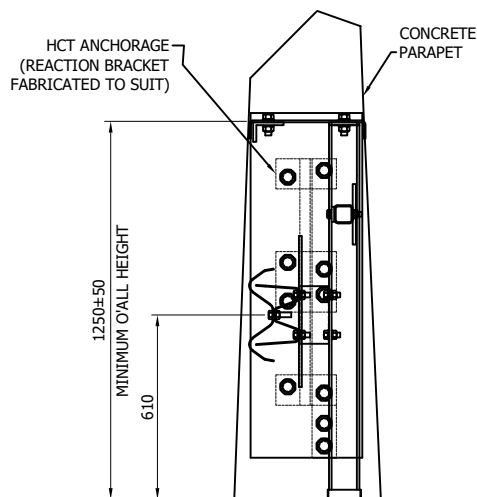
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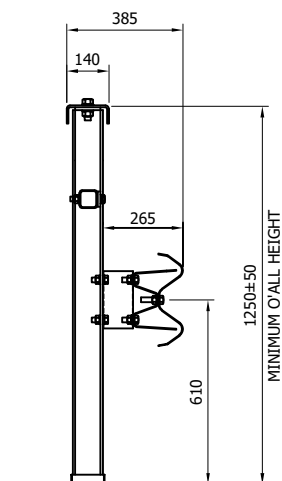
GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. CONNECTION APPLICABLE TO CONCRETE PARAPET UTILISING THE HCT/D/03 CRADLE ANCHOR
3. FOR DETAILS OF STRUCTURE ANCHORAGE, SEE DRAWING HCT/D/03
4. FOR FURTHER DETAILS ON CONNECTION OF MEGAGUARD TO SAFEFLEX TRANSITION, PLEASE SEE UK 27460 & UK 27461.
5. IF GROUND LEVEL IS 0.5° OR UNDER, POSTS ARE TO BE FABRICATED LEVEL

CONCRETE PARAPET DIMENSIONS VARY.
DETAILS OF PARAPET & CRADLE POSITION
TO BE AGREED PRIOR TO COMMENCEMENT
OF REACTION BRACKET FABRICATION



SECTION A-A
SCALE: 1:25



SECTION B-B
SCALE: 1:25

00	09/02/26	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

8M DEPARTURE TRANSITION TO
CONCRETE (HCT ANCHORAGE) WITH
CONCRETE FOUNDATIONS



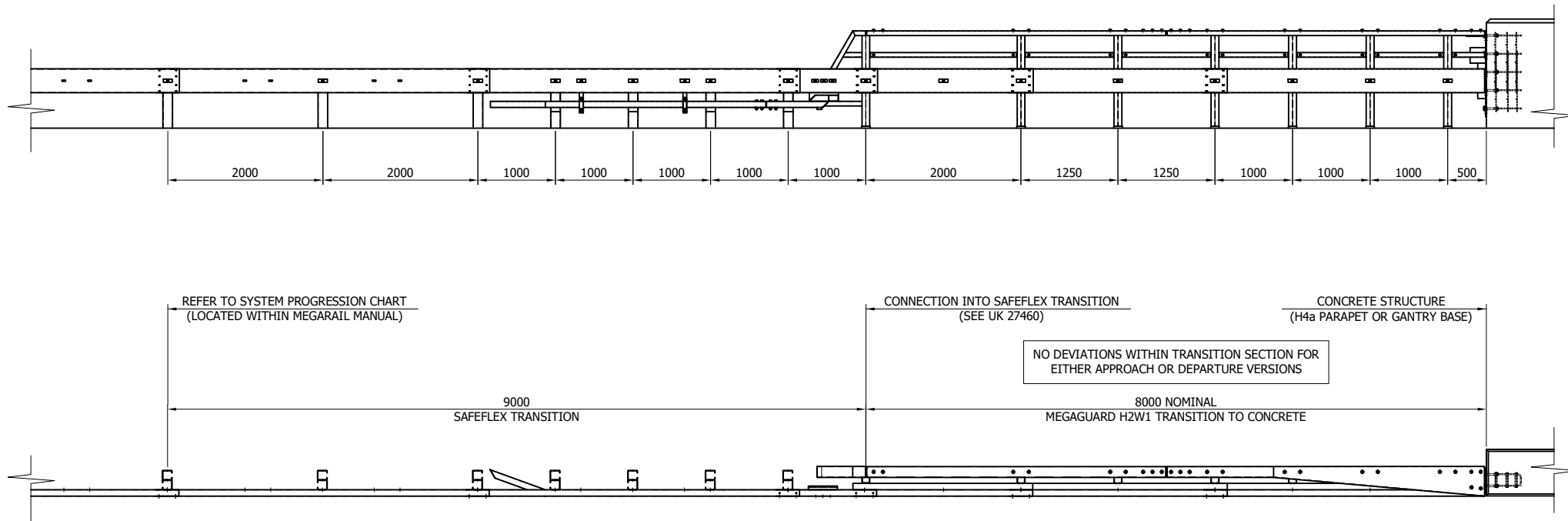
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:

H2W1-GA-47

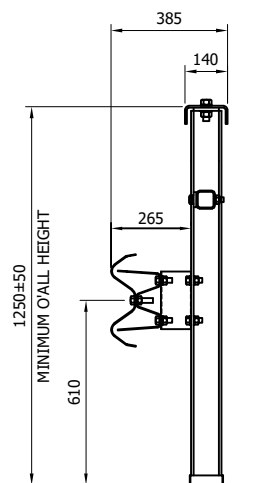
REVn:

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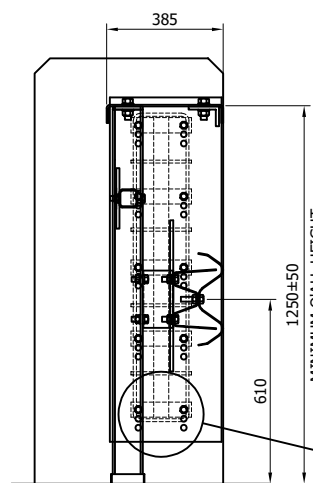


GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. CONNECTION APPLICABLE TO; CONCRETE H4a PARAPET, SMOOTH FACE RETAINING WALL OR SIGN GANTRY.
3. FOR DETAILS OF STRUCTURE ANCHORAGE, ITEM V60, SEE DRG. No. SB/155.
4. FOR FURTHER DETAILS ON CONNECTION OF MEGAGUARD TO SAFEFLEX TRANSITION, PLEASE SEE UK 27460 & UK 27461.
5. V60 ANCHOR CRADLE DETAILED WITHIN DRAWING. ANCHORS CAN ALSO BE DRILL & FIXED, WITH AN EMBEDMENT DEPTH OF 280mm. PULL OUT TEST LOAD TO BE 50kN.

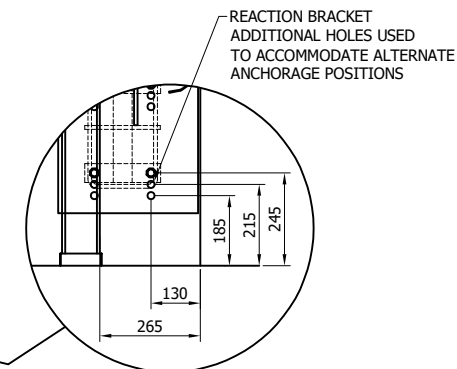


SECTION B-B
SCALE: 1:25



SECTION A-A
SCALE: 1:25

MEGAGUARD DETAILED WITH SOCKETED POSTS.
TRANSITION & SYSTEM ALSO AVAILABLE SURFACE MOUNTED



REACTION BRACKET
POSITIONING DETAIL
SCALE: 1:20

00	09/02/26	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

8M APPROACH TRANSITION TO
CONCRETE CONNECTION INTO
SAFEFLEX TRANSITION

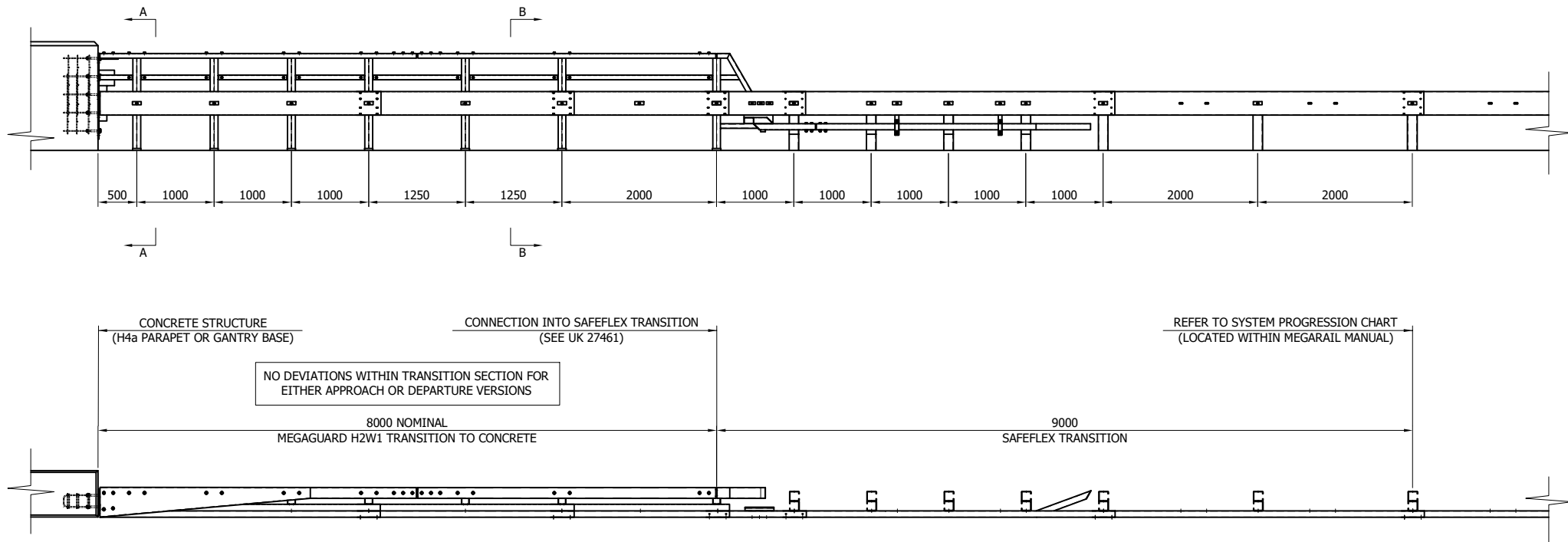


CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
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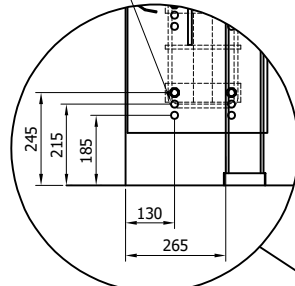
H2W1-GA-48

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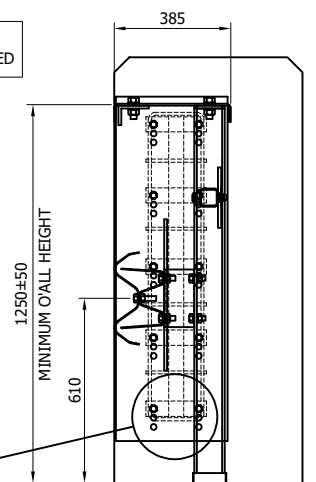


MEGAGUARD DETAILED WITH SOCKETED POSTS. TRANSITION & SYSTEM ALSO AVAILABLE SURFACE MOUNTED

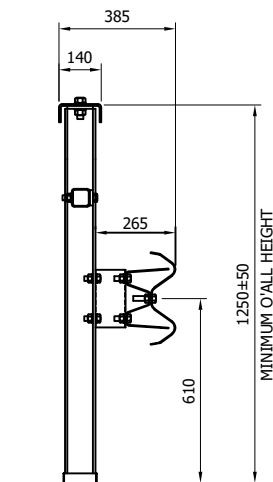
REACTION BRACKET
ADDITIONAL HOLES USED
TO ACCOMMODATE ALTERNATE
ANCHORAGE POSITIONS



REACTION BRACKET
POSITIONING DETAIL
SCALE: 1:20



SECTION A-A
SCALE: 1:25



SECTION B-B
SCALE: 1:25

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. CONNECTION APPLICABLE TO; CONCRETE H4a PARAPET, SMOOTH FACE RETAINING WALL OR SIGN GANTRY.
3. FOR DETAILS OF STRUCTURE ANCHORAGE, ITEM V60, SEE DRG. No. SB/155.
4. FOR FURTHER DETAILS ON CONNECTION OF MEGAGUARD TO SAFEFLEX TRANSITION, PLEASE SEE UK 27460 & UK 27461.
5. V60 ANCHOR CRADLE DETAILED WITHIN DRAWING. ANCHORS CAN ALSO BE DRILL & FIXED, WITH AN EMBEDMENT DEPTH OF 280mm. PULL OUT TEST LOAD TO BE 50kN.

00	12/01/26	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

8M DEPARTURE TRANSITION TO
CONCRETE CONNECTION INTO
SAFEFLEX TRANSITION



CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

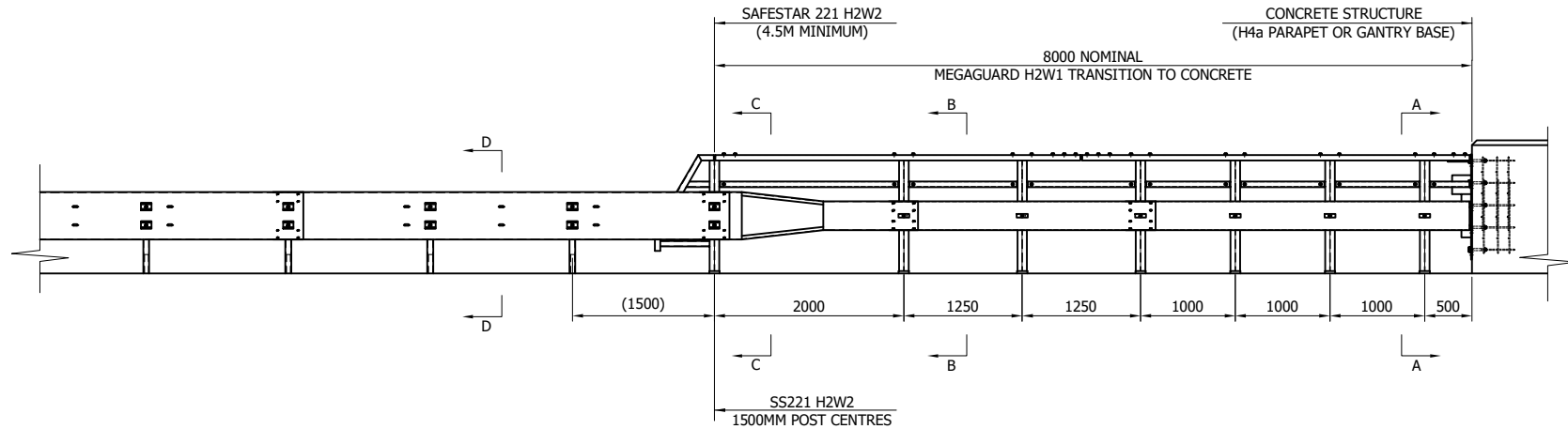
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H2W1-GA-49

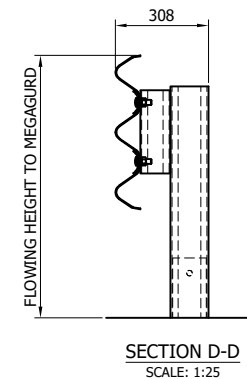
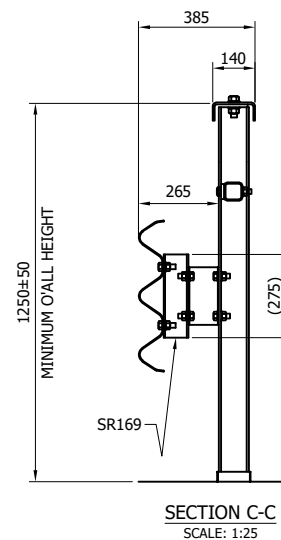
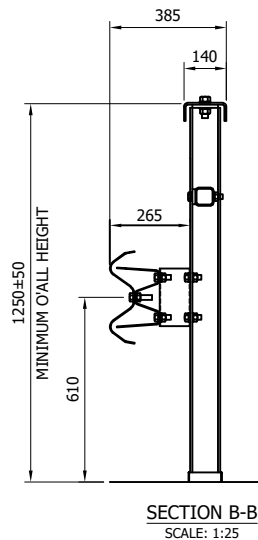
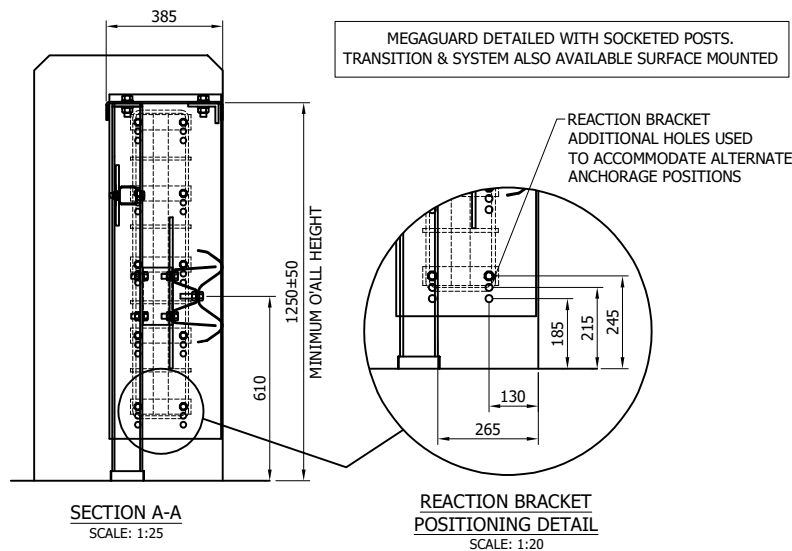
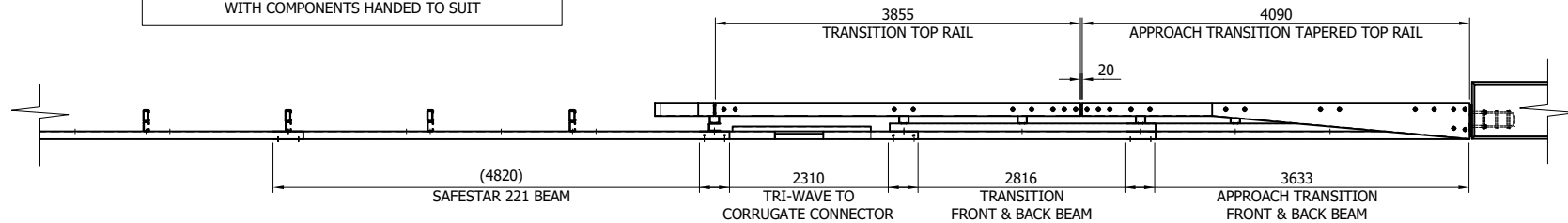
REVn:

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NO DEVIATIONS WITHIN TRANSITION SECTION FOR
EITHER APPROACH OR DEPARTURE VERSIONS



DEPARTURE ARRANGEMENT IDENTICAL IN CONFIGURATION,
WITH COMPONENTS HANDED TO SUIT



GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. CONNECTION APPLICABLE TO; CONCRETE H4a PARAPET, SMOOTH FACE RETAINING WALL OR SIGN GANTRY.
3. FOR DETAILS OF STRUCTURE ANCHORAGE, ITEM V60, SEE DRG. No. SB/155.
4. FOR GENERAL ARRANGEMENT DETAILS OF H2W2 SAFESTAR 221, SEE SYSTEM MANUAL DRAWINGS
5. SAFESTAR 221 BEAMS TO BE INSTALLED AT FLOWING HEIGHT TO MEGAGUARD BEAMS, GRADUALLY RETURNING TO SET SYSTEM HEIGHT

01	28/05/26	SR169 POSITION SHOWN	H.B
00	09/02/26	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

8M APPROACH TRANSITION TO
CONCRETE INTO SYSTEM
PROGRESSION FROM
SAFESTAR 221 (H2W2)



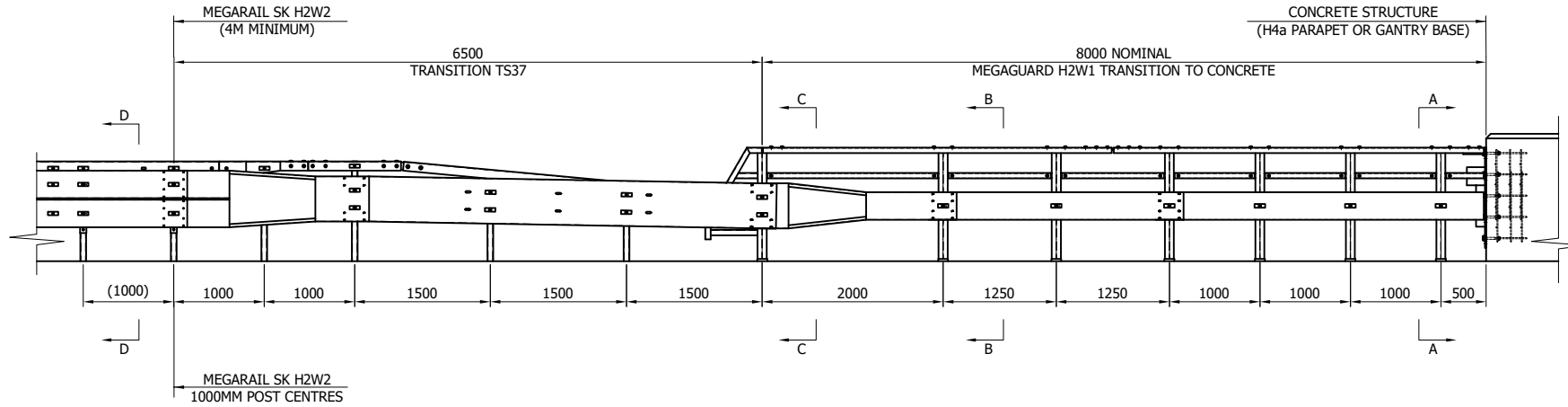
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
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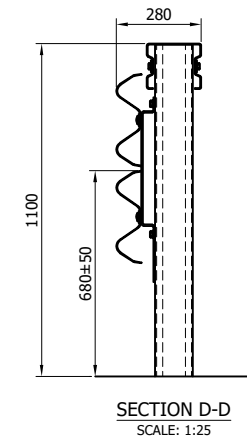
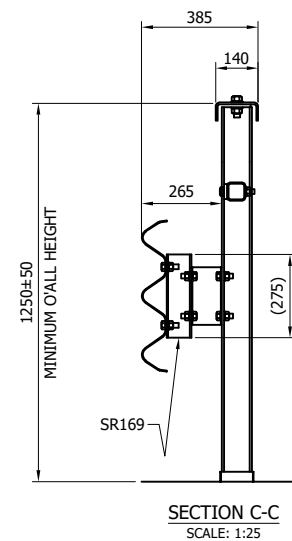
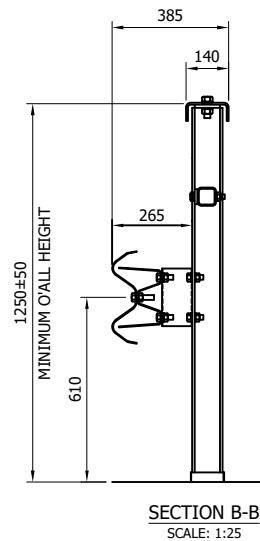
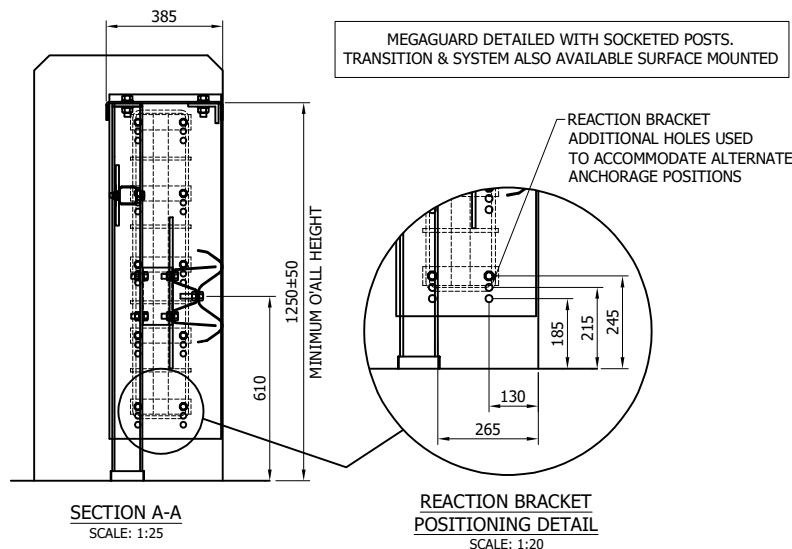
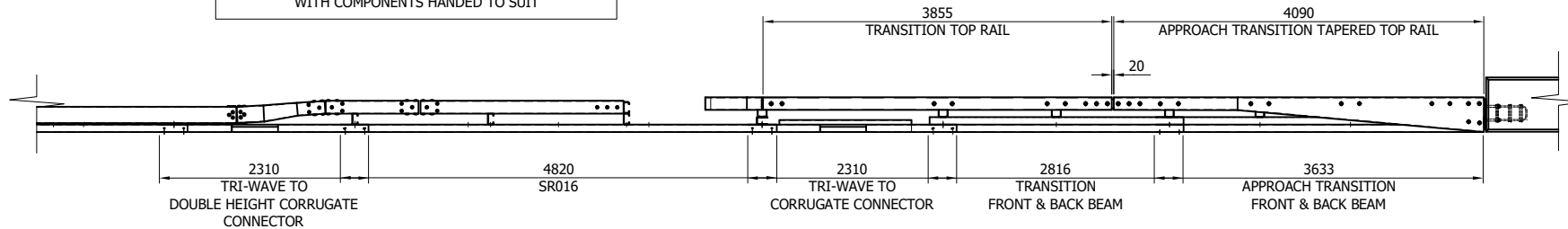
H2W1-GA-50

01

NO DEVIATIONS WITHIN TRANSITION SECTION FOR
EITHER APPROACH OR DEPARTURE VERSIONS



DEPARTURE ARRANGEMENT IDENTICAL IN CONFIGURATION,
WITH COMPONENTS HANDED TO SUIT



GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. CONNECTION APPLICABLE TO; CONCRETE H4a PARAPET, SMOOTH FACE RETAINING WALL OR SIGN GANTRY.
3. FOR DETAILS OF STRUCTURE ANCHORAGE, ITEM V60, SEE DRG. No. SB/155.
4. FOR GENERAL ARRANGEMENT DETAILS OF H2W2 MEGARAIL SK, SEE SYSTEM MANUAL DRAWINGS

01	28/05/26	SR169 POSITION SHOWN	H.B
00	10/02/26	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

MegaGuard

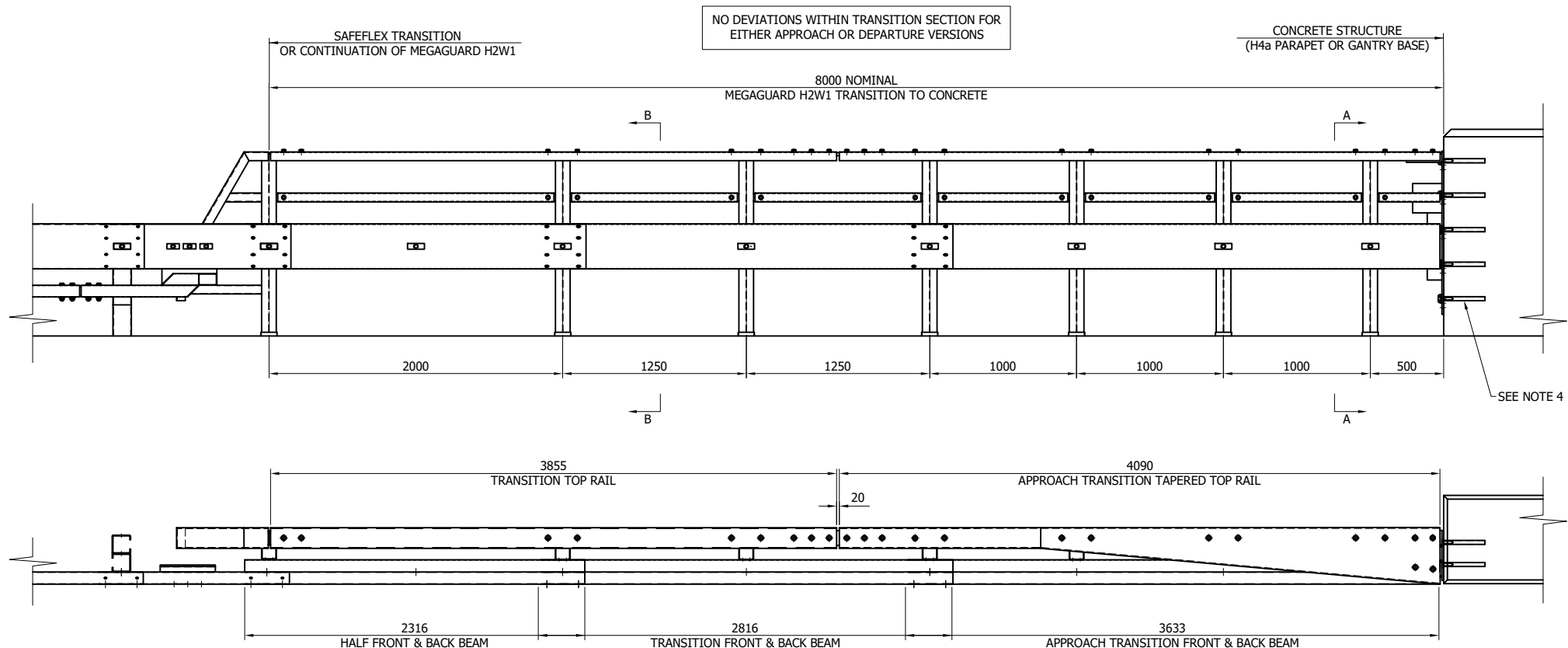
H2 W1 VI 1

8M APPROACH TRANSITION TO
CONCRETE INTO SYSTEM
PROGRESSION FROM
MEGARAIL SK (H2W2)

CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

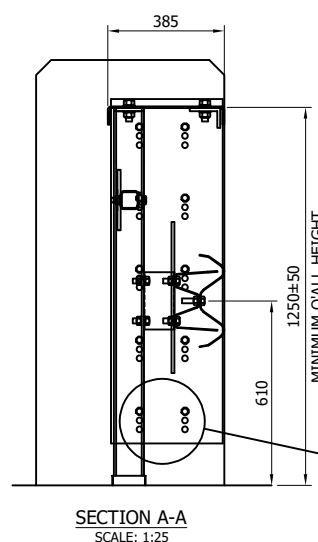
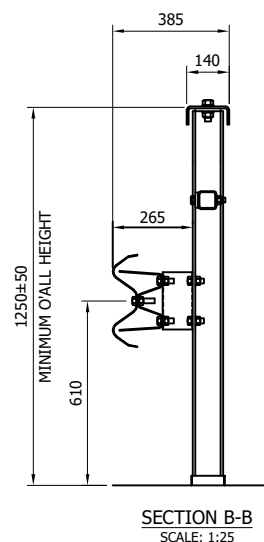
DRAWING NUMBER: H2W1-GA-51

REVn: 01

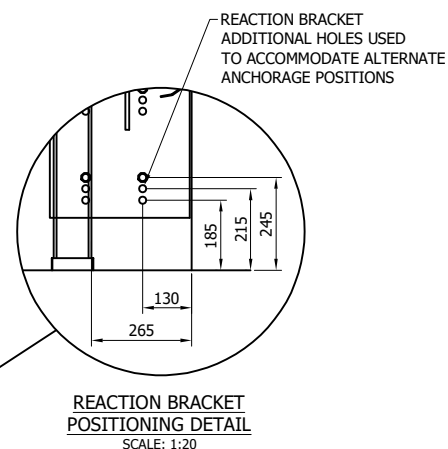


GENERAL NOTES:

- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
- CONNECTION APPLICABLE TO; CONCRETE H4a PARAPET, SMOOTH FACE RETAINING WALL OR SIGN GANTRY.
- FOR FURTHER DETAILS ON CONNECTION OF MEGAGUARD TO SAFEX TRANSITION, PLEASE SEE UK 27460 & UK 27461.
- DRILL & FIX RESIN BONDED ANCHORS INTO CONCRETE H4a TO BE SSR-VDI M16x280 INTERNALLY THREADED CHEMICAL ANCHOR SOCKETS, WITH GLASS RESIN CAPSULES. Ø28 X 280MM DRILLING DEPTH REQUIRED



MEGAGUARD DETAILED WITH SOCKETED POSTS.
TRANSITION & SYSTEM ALSO AVAILABLE SURFACE MOUNTED



00	10/02/26	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

8M APPROACH TRANSITION TO
CONCRETE SCHEMATIC
(DETAILED WITH DRILL & FIX
ANCHORAGES)

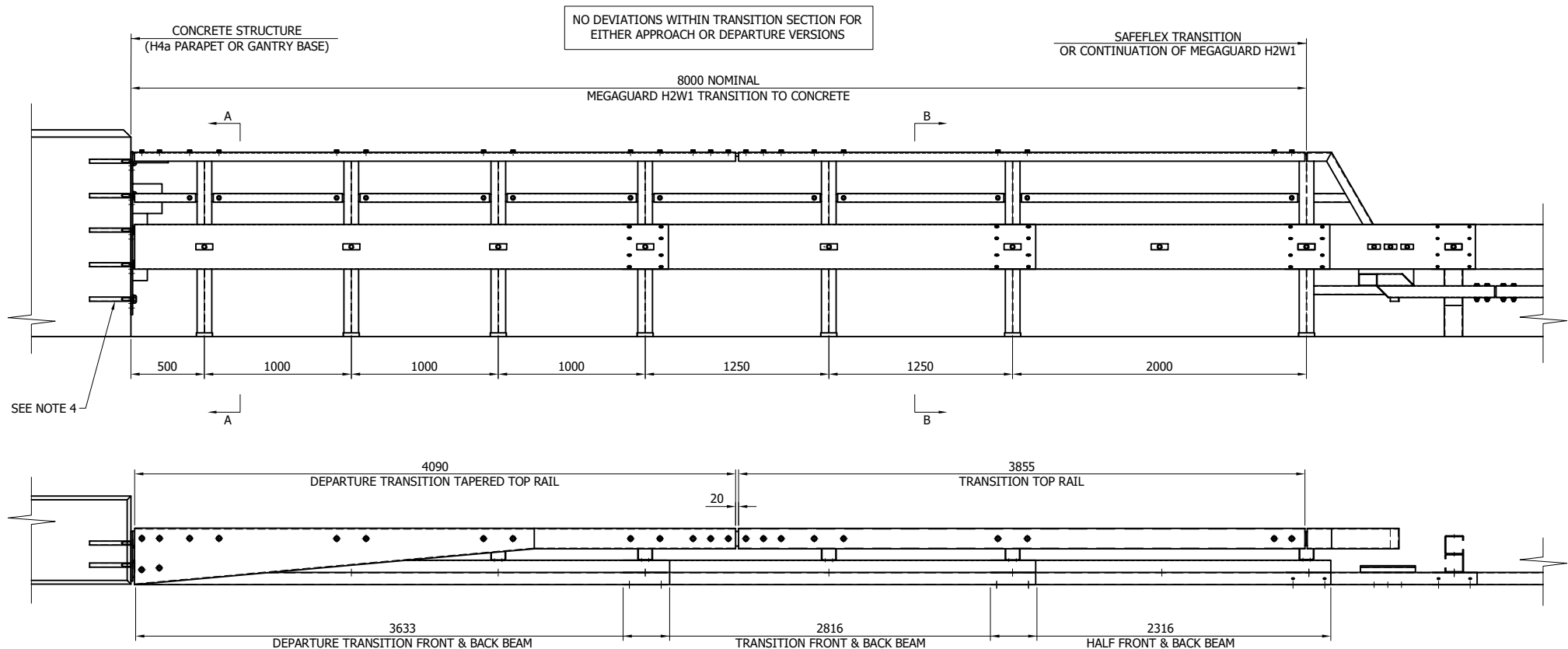
SAFEROAD

CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
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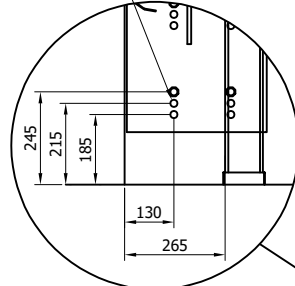
H2W1-GA-52

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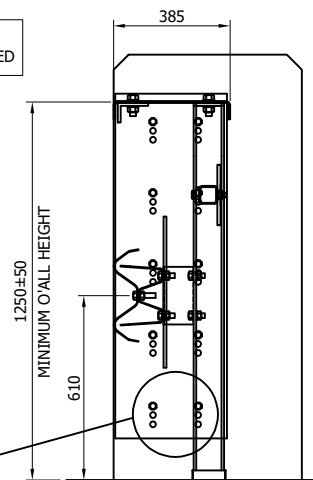


MEGAGUARD DETAILED WITH SOCKETED POSTS.
TRANSITION & SYSTEM ALSO AVAILABLE SURFACE MOUNTED

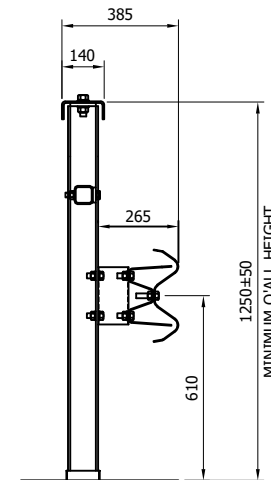
REACTION BRACKET
ADDITIONAL HOLES USED
TO ACCOMMODATE ALTERNATE
ANCHORAGE POSITIONS



**REACTION BRACKET
POSITIONING DETAIL**
SCALE: 1:20



SECTION A-A
SCALE: 1:25



SECTION B-B
SCALE: 1:25

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. CONNECTION APPLICABLE TO; CONCRETE H4a PARAPET, SMOOTH FACE RETAINING WALL OR SIGN GANTRY.
3. FOR FURTHER DETAILS ON CONNECTION OF MEGAGUARD TO SAFEFLEX TRANSITION, PLEASE SEE UK 27460 & UK 27461.
4. DRILL & FIX RESIN BONDED ANCHORS INTO CONCRETE H4a TO BE SSR-VDI M16x280 INTERNALLY THREADED CHEMICAL ANCHOR SOCKETS, WITH GLASS RESIN CAPSULES. Ø28 X 280MM DRILLING DEPTH REQUIRED

00	10/02/26	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

8M DEPARTURE TRANSITION TO
CONCRETE SCHEMATIC
(DETAILED WITH DRILL & FIX
ANCHORAGES)



CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
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H2W1-GA-53

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