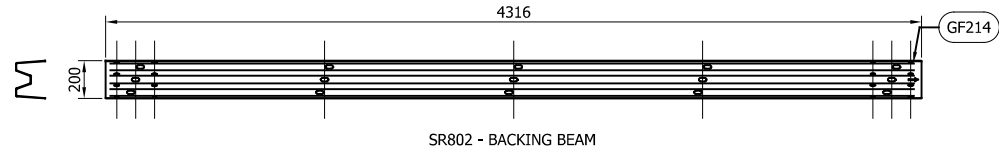
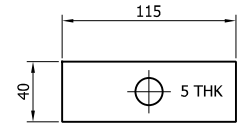
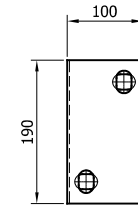


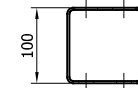
SR700 - FRONT BEAM



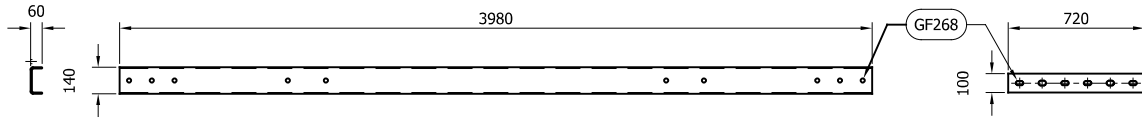
SR802 - BACKING BEAM



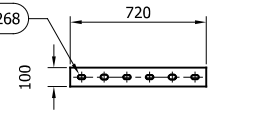
SR840 - FRONT BEAM WASHER PLATE



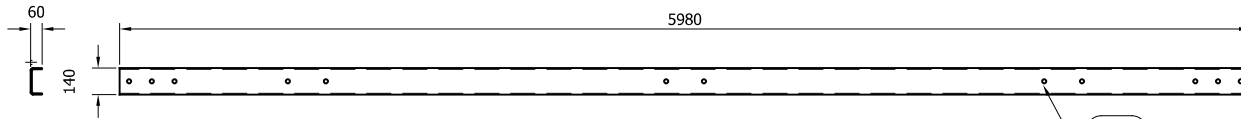
SR831 - POST SPACER BRACKET



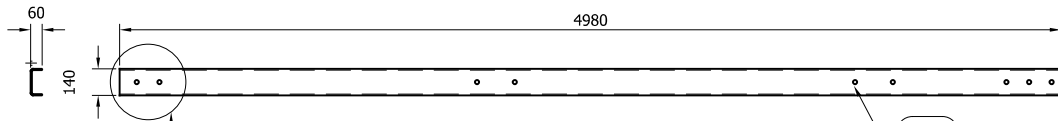
SR812 - STANDARD TOP RAIL



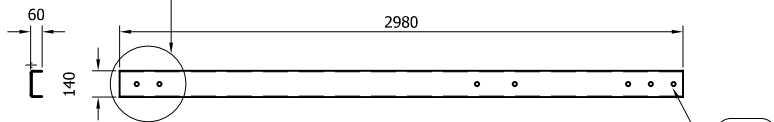
SR814 - TOP RAIL JOINT/FISHPLATE



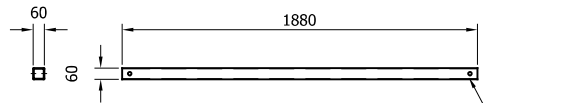
SR810 - STANDARD TOP RAIL



SR811 - LEFT/RIGHT HAND END TOP RAIL



SR813 - LEFT/RIGHT HAND END TOP RAIL



SR830 - STANDARD INTERMEDIATE RAIL

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

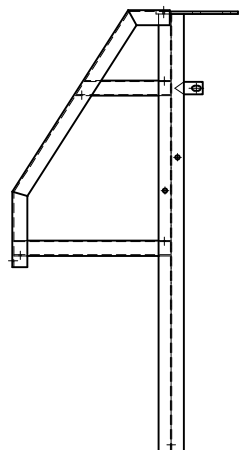
H2 W1 VI 3

COMPONENTS_SCHEMATIC

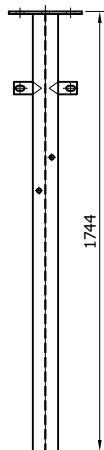


CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

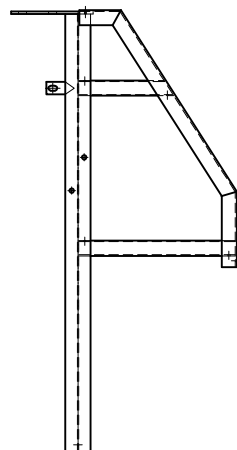
DRAWING NUMBER:	REVn:
H2W1-GA-00	07



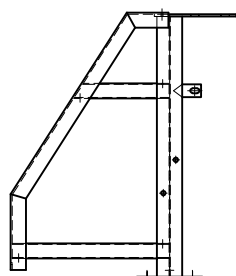
SR820
LEFT HAND END POST



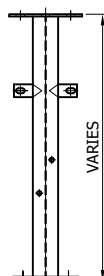
SR822
STANDARD POST



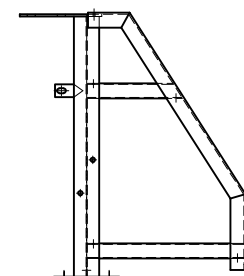
SR821
RIGHT HAND END POST



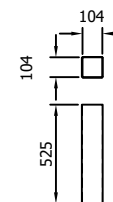
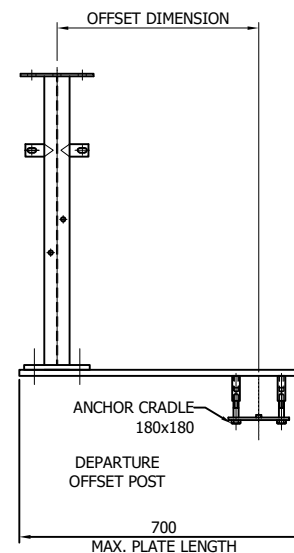
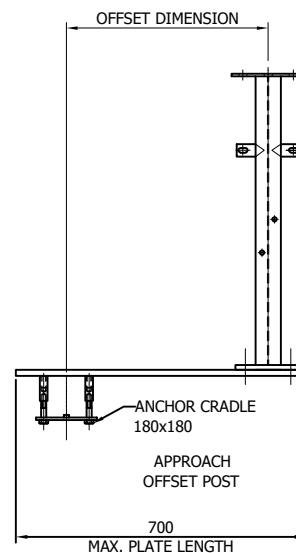
LEFT HAND
BASEPLATED END POST



STANDARD
BASEPLATED POST



RIGHT HAND BASEPLATED
END POST



SR825 - POST SOCKET

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

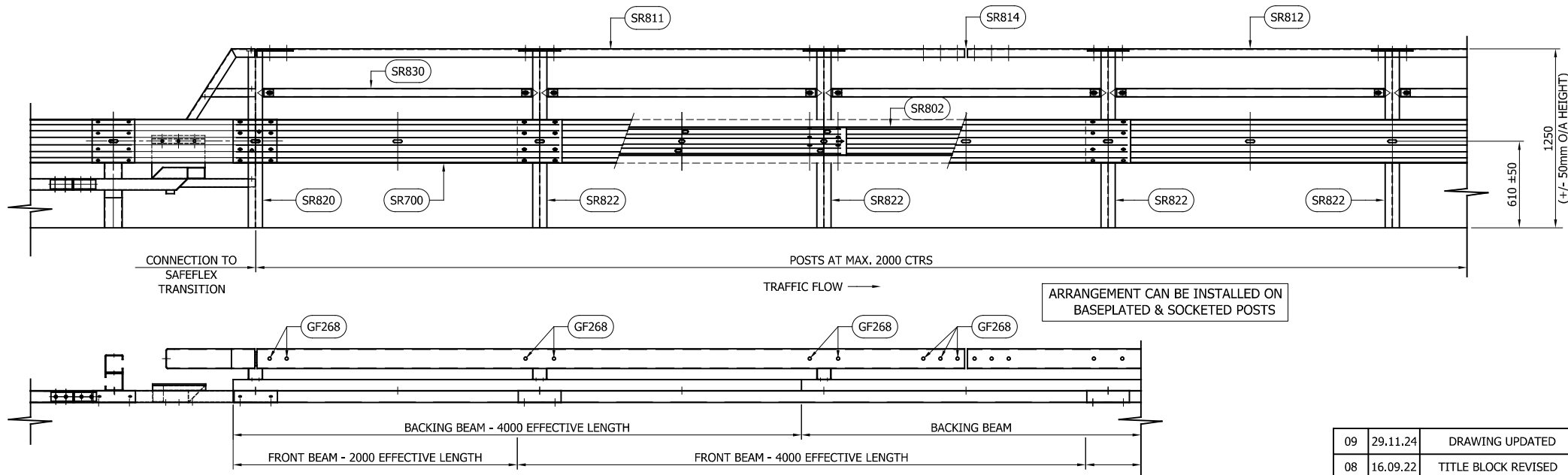
MegaGuard H2 W1 VI 3

ALTERNATIVE 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	06



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



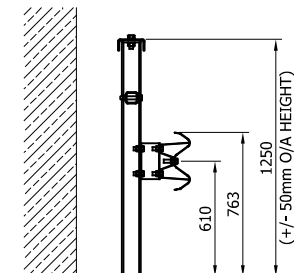
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

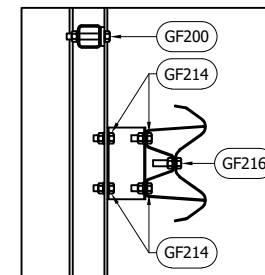
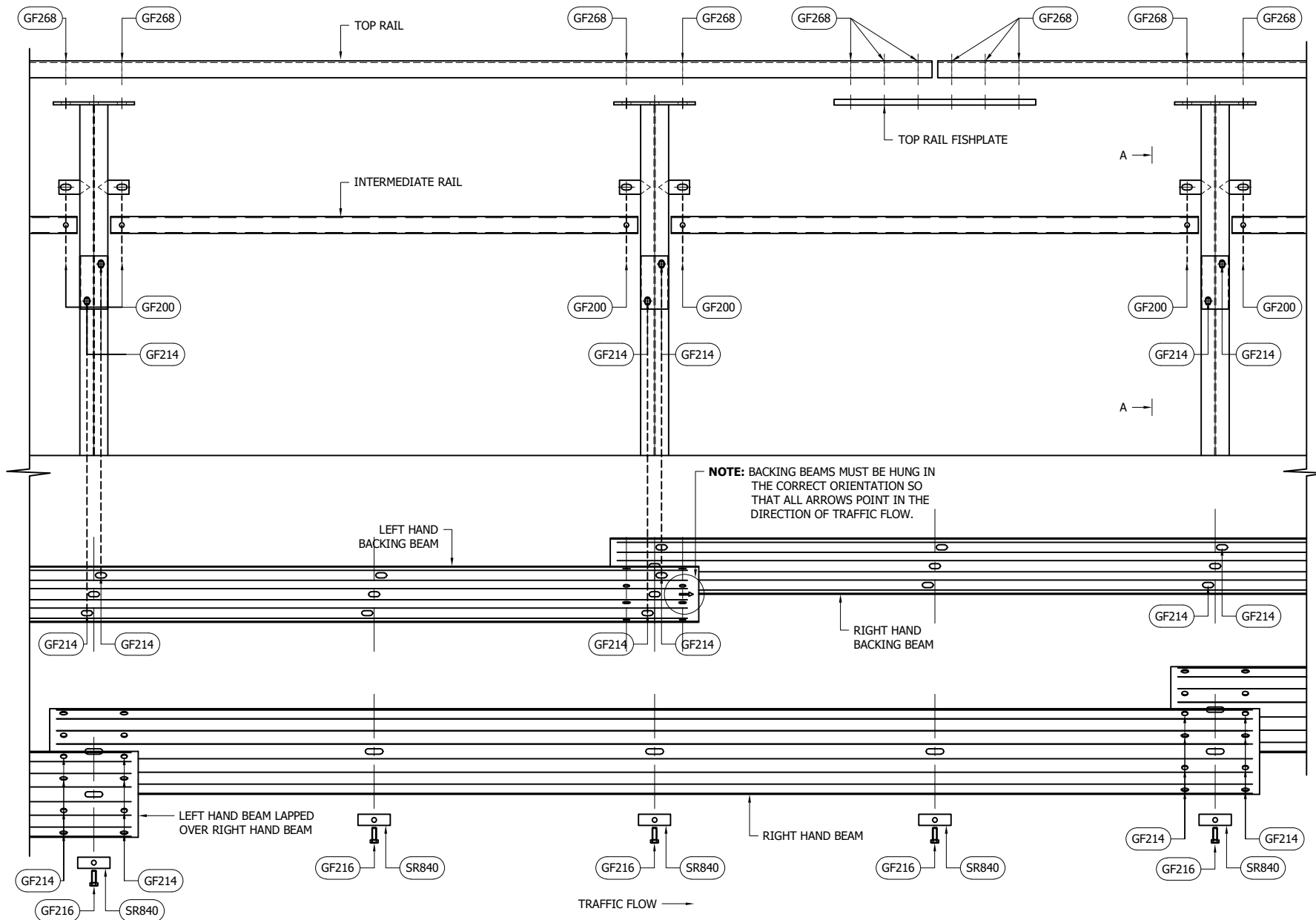
DRAWING NUMBER:

H2W1-GA-02

REVn:

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

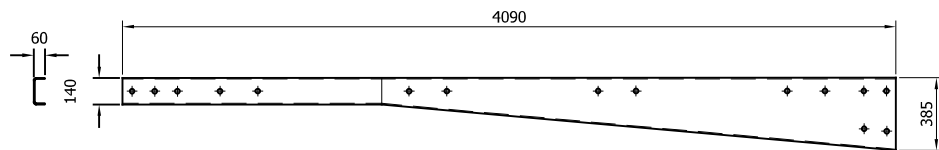


CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

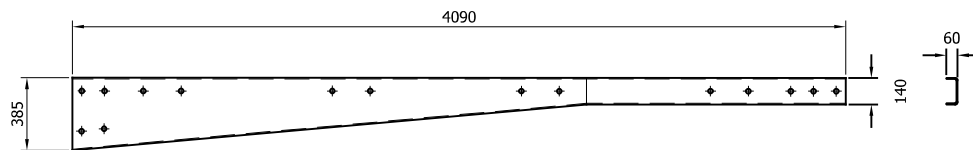
DRAWING NUMBER:	REVn:
H2W1-GA-03	06

SCHEDULE OF FASTENERS

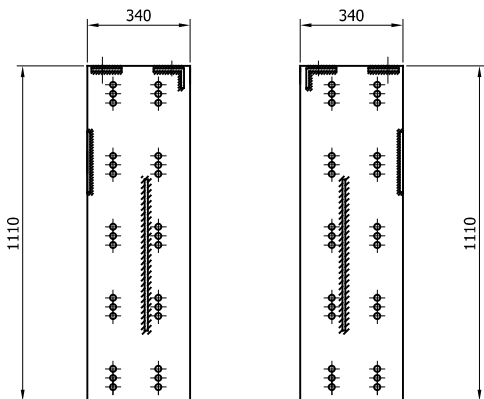
REF.	SIZE	TYPE	LENGTH (mm)	GRADE	NUT, No OFF & GRADE	WASHERS, No AND FORM	TORQUE (Nm)	FINISH
GF214	M16	SETSCREW	35	8.8	GF174	GF163 FORM 'C'	70-140	SPUN GALVANISED
GF216	M16	SETSCREW	65	8.8	GF174	GF163 FORM 'C'	70-140	SPUN GALVANISED
GF268	M20	SETSCREW	50	8.8	GF243	2 x GF233 FORM 'A'	100-120	SPUN GALVANISED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



SR523 - CONNECTION TO CONCRETE
TOP RAIL APPROACH

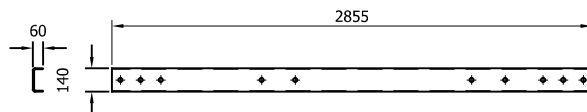


SR522 - CONNECTION TO CONCRETE TOP
RAIL DEPARTURE

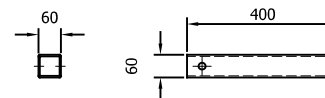


SR502 - REACTION BRACKET
APPROACH (1250)

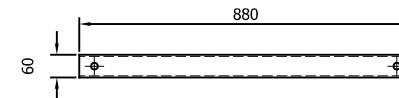
SR503 - REACTION BRACKET
DEPARTURE (1250)



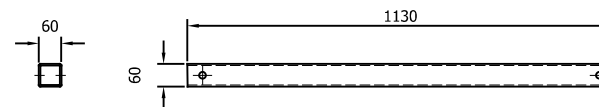
SR526 - SPECIAL TOP RAIL



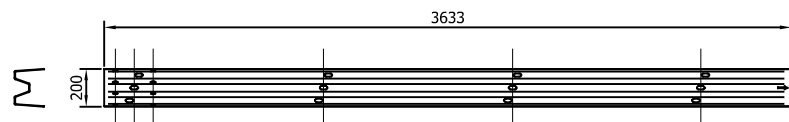
SR508 - END INTERMEDIATE RAIL



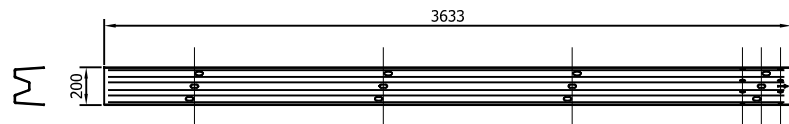
SR509 - 1000 BAY INTERMEDIATE RAIL



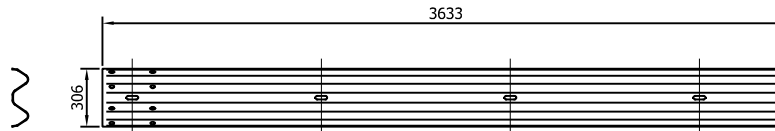
SR510 - 1250 BAY INTERMEDIATE RAIL



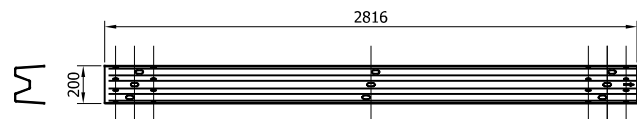
SR524 - END BACKING BEAM APPROACH



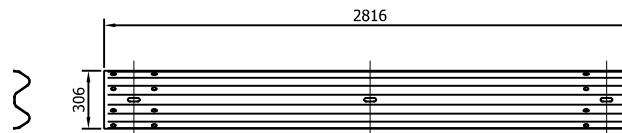
SR525 - END BACKING BEAM DEPARTURE



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



SR527 - 2.5m BACKING BEAM



SR520 - 2.5m FRONT BEAM

07	29.11.24	LOGO UPDATED	H.B
06	12.10.21	TITLE BLOCK CHANGED	A.D
05	27.07.21	DETAILS REVISED	M.T
04	22.02.21	REACTION BRACKET REVISED	M.T
03	01.05.20	DETAILS UPDATED	M.T
02	06.02.19	1250 COMPONENTS ADDED	M.T
01	17.10.18	2m BACK BEAM ADDED	M.T
00	01.02.17	DRAWING CREATED	M.T
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

CONNECTION TO CONCRETE
STRUCTURE
COMPONENT SCHEMATIC



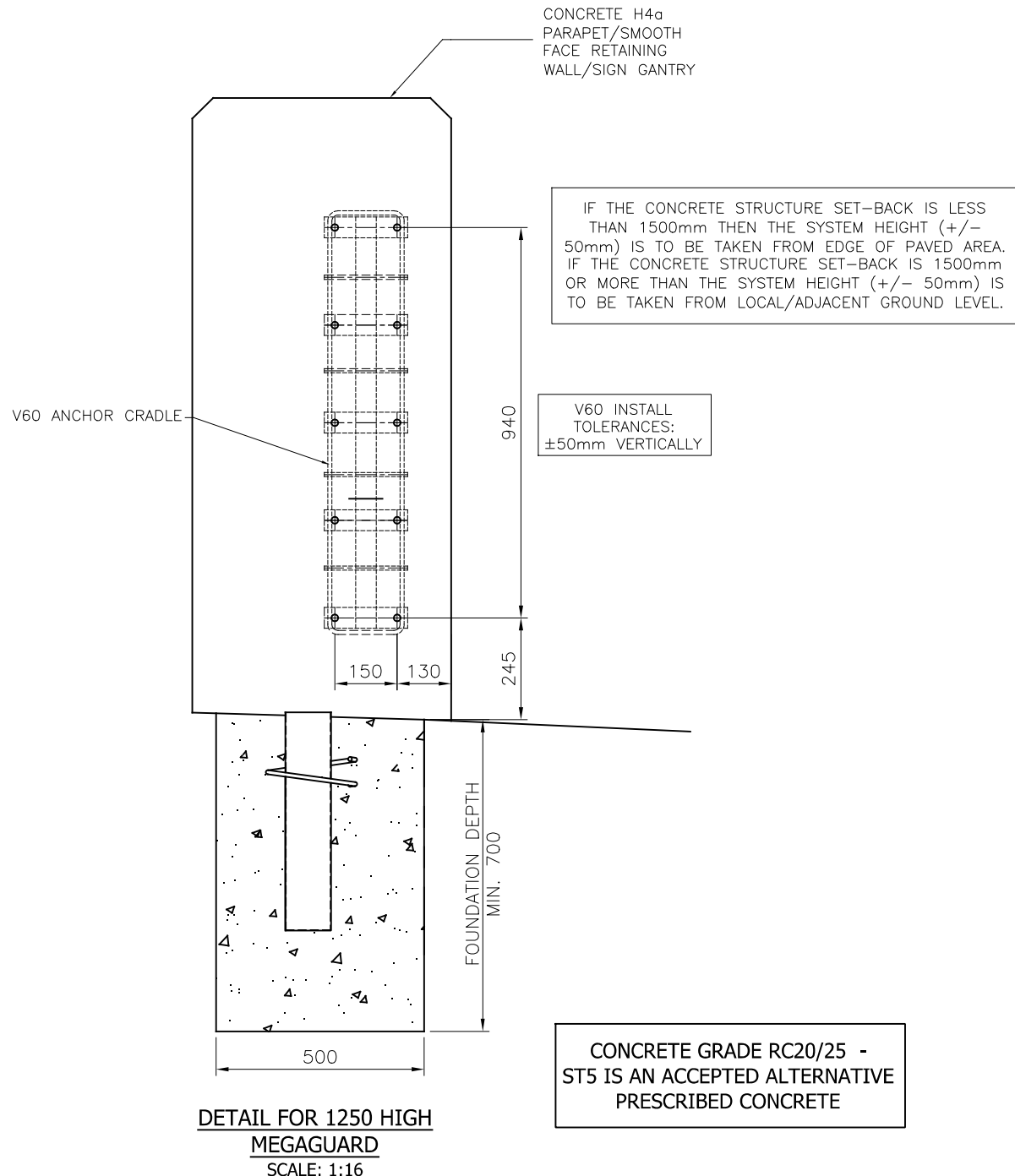
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:

H2W1-GA-04

REVn:

07



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 CD 377.
5. MINIMUM LENGTH OF FOUNDATION 6.3m. MEGAGUARD AT STANDARD 2.0 METRE POST SPACINGS OR PERMISSABLE DEVIATIONS CAN BE INSTALLED ON SINGULAR CONCRETE FOUNDATIONS - SIZE & TYPE DETERMINED BY FOLLOWING THE FOUNDATION TESTING PROCEDURE.

08	19.02.25	GENERAL NOTES UPDATED	H.B
07	29.11.24	LOGO UPDATED	H.B
06	28.09.22	CONCRETE NOTES REVISED	A.D
05	20.09.22	CONCRETE NOTES REVISED	A.D
04	22.03.22	FOUNDATIONS NOTES REVISED	A.D
03	19.10.21	TITLE BLOCK REVISED	A.D
02	26.07.21	NOTE ADDED	A.D
01	21.04.21	DETAILS REVISED	M.T
00	31.10.17	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

CONNECTION TO CONCRETE
FOUNDATION DETAIL



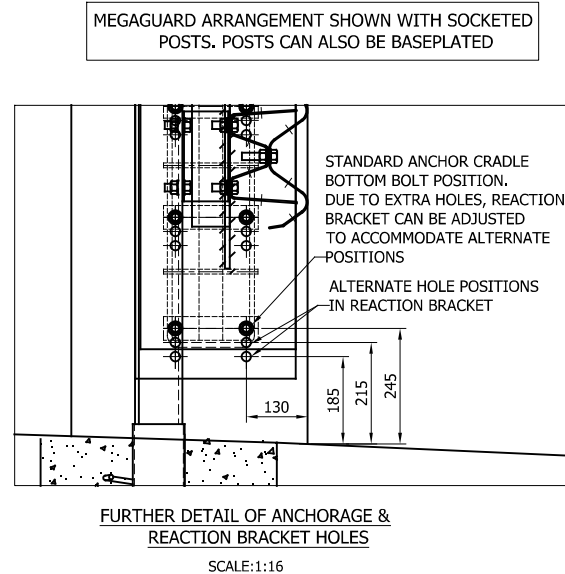
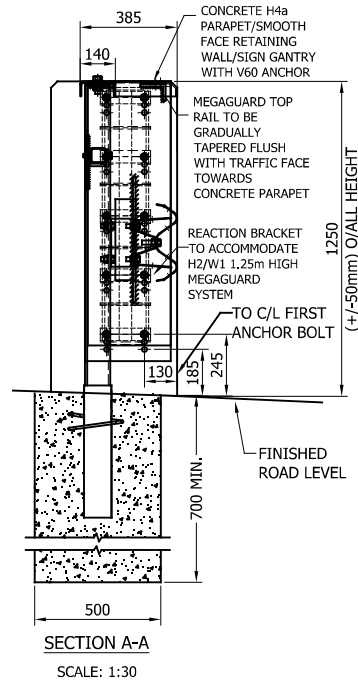
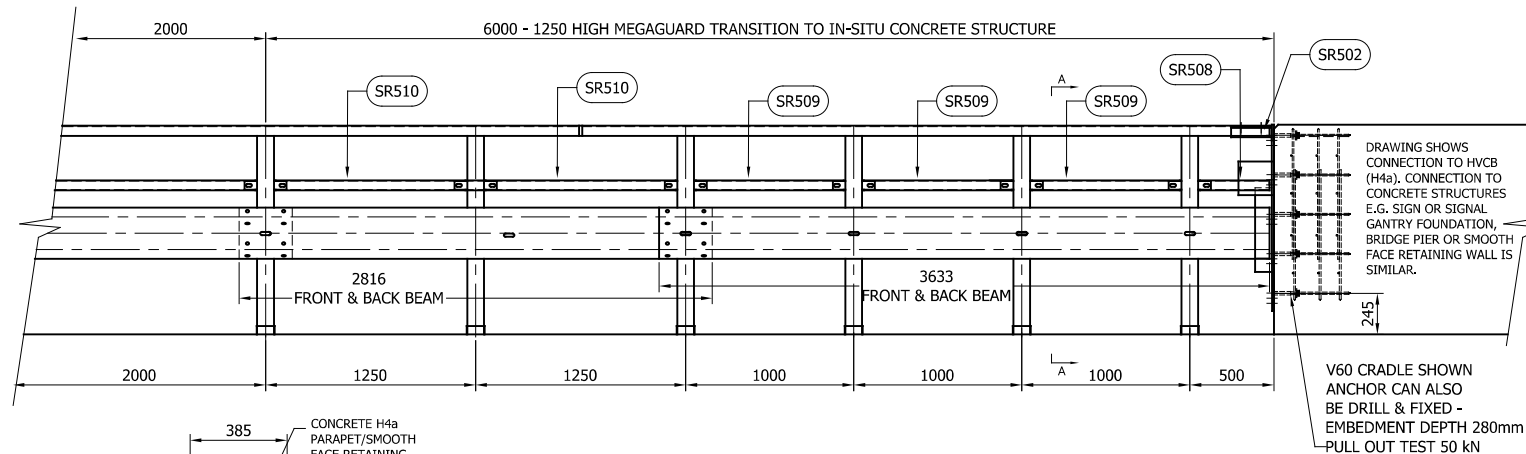
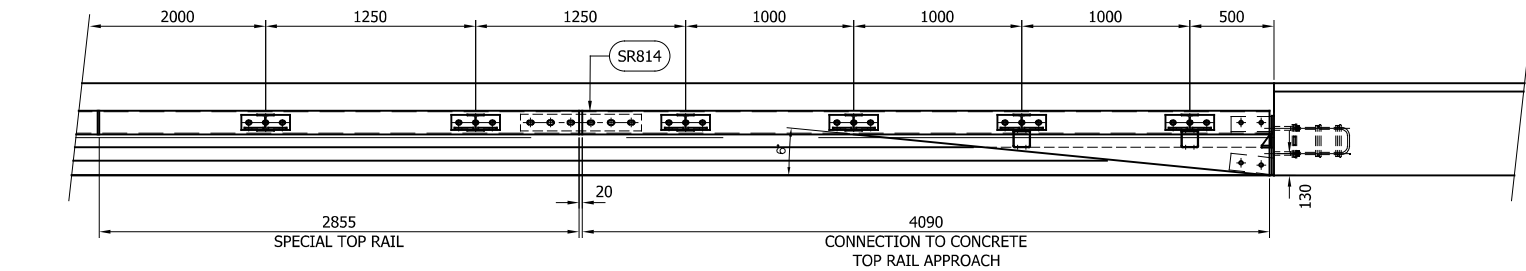
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:

H2W1-GA-11

REVn:

08



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, EXCEPT MATERIAL TO BE STAINLESS STEEL GRADE 1.4362.
4. MEGAGUARD TOP RAIL TO BE TAPERED TO BE FLUSH WITH TRAFFIC FACE AT END OF MEGAGUARD & CONCRETE PARAPET. DESIGN TBD.
5. TOTAL LENGTH OF BARRIER TO BE AS CD377 & LENGTH OF NEED DRAWING MR-GA-043.
6. ARRANGEMENT & REACTION BRACKET SUITABLE FOR 1.25m MIN. O/ALL HEIGHT MEGAGUARD SYSTEM.

08	21.01.25	ANCHOR DEPTH UPDATED	H.B
07	29.11.24	LOGO UPDATED	H.B
06	13.07.22	SECTION A-A NOTE CHANGED	A.D
05	22.02.22	NOTES ADDED	M.T
04	26.07.21	SECTION A-A & DESCRIPTION BOX REVISED	A.D
03	25.05.21	DETAILS REVISED	M.T
02	22.02.21	REACTION BRACKET REVISED	M.T
01	30.04.20	REVISED TO NEW POST CRS	M.T
00	06.02.19	DRAWING CREATED	M.T
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

1.25m CONNECTION TO CONCRETE STRUCTURE (V60 CRADLE)
APPROACH / LEFT HAND
SOCKETED GENERAL ARRANGEMENT



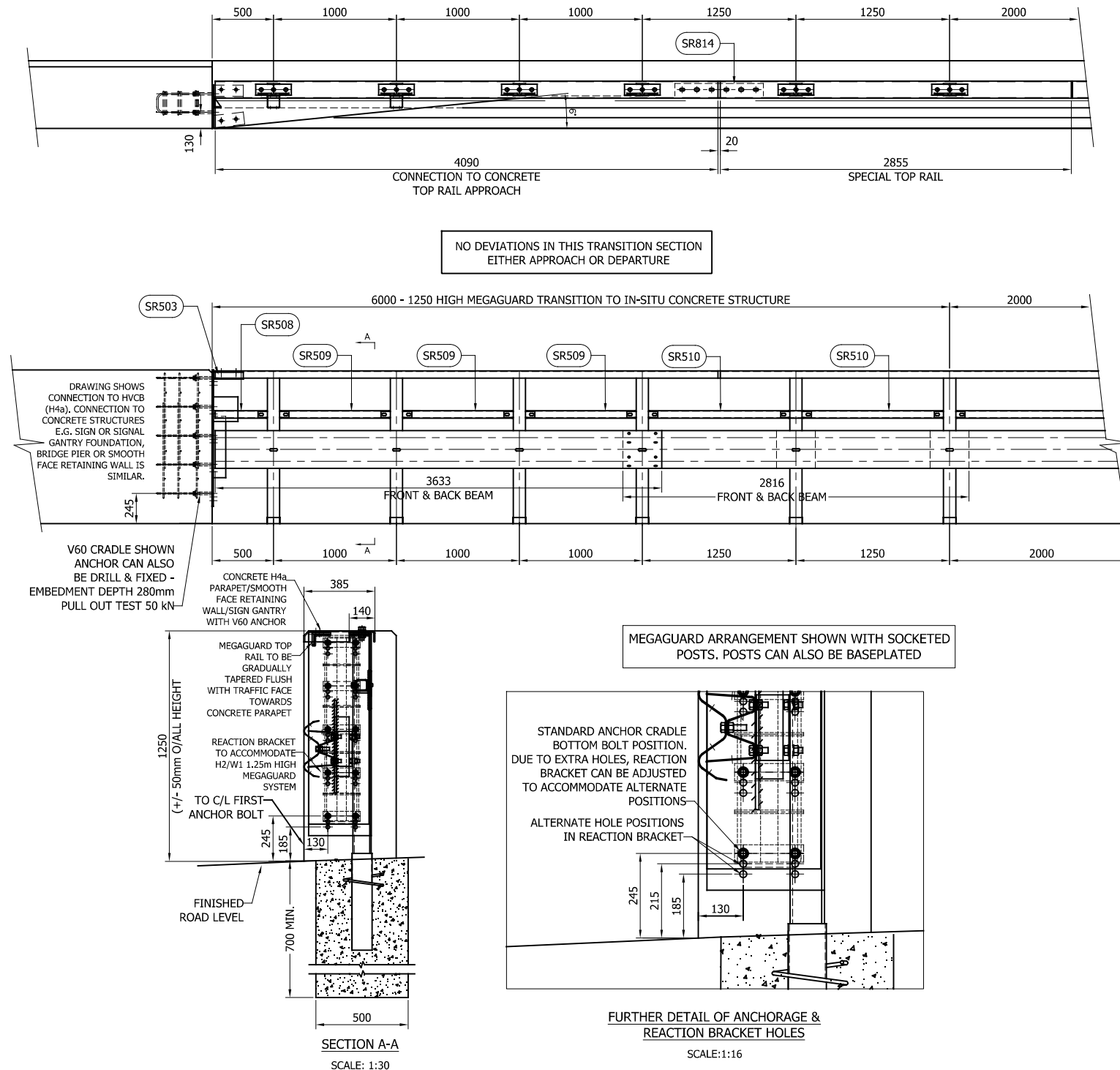
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:

H2W1-GA-14

REVn:

08



GENERAL NOTES:

- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
- CONNECTION APPLICABLE TO; CONCRETE H4a PARAPET, SMOOTH FACE RETAINING WALL OR SIGN GANTRY.
- FOR DETAILS OF STRUCTURE ANCHORAGE, ITEM V60, SEE DRG. No. SB/155, EXCEPT MATERIAL TO BE STAINLESS STEEL GRADE 1.4362.
- MEGAGUARD TOP RAIL TO BE TAPERED TO BE FLUSH WITH TRAFFIC FACE AT END OF MEGAGUARD & CONCRETE PARAPET. DESIGN TBD.
- TOTAL LENGTH OF BARRIER TO BE AS CD377 & LENGTH OF NEED DRAWING MR-GA-043.
- ARRANGEMENT & REACTION BRACKET SUITABLE FOR 1.25m MIN. O/ALL HEIGHT MEGAGUARD SYSTEM.

10	21.01.25	ANCHOR DEPTH UPDATED	H.B
09	29.11.24	LOGO UPDATED	H.B
08	21.07.22	DIMENSION CHANGED	A.D
07	13.07.22	SECTION A-A NOTE CHANGED	A.D
06	22.02.22	NOTES ADDED	M.T
05	26.07.21	SECTION A-A REVISED	A.D
04	11.06.21	DETAILS REVISED	M.T
03	25.05.21	DETAILS REVISED	M.T
02	22.02.21	REACTION BRACKET REVISED	M.T
01	30.04.20	REVISED TO NEW POST CRS	M.T
00	06.02.19	DRAWING CREATED	M.T
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

1.25m CONNECTION TO CONCRETE
STRUCTURE (V60 CRADLE)
DEPARTURE / RIGHT HAND
SOCKETED GENERAL ARRANGEMENT



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

DRAWING NUMBER:

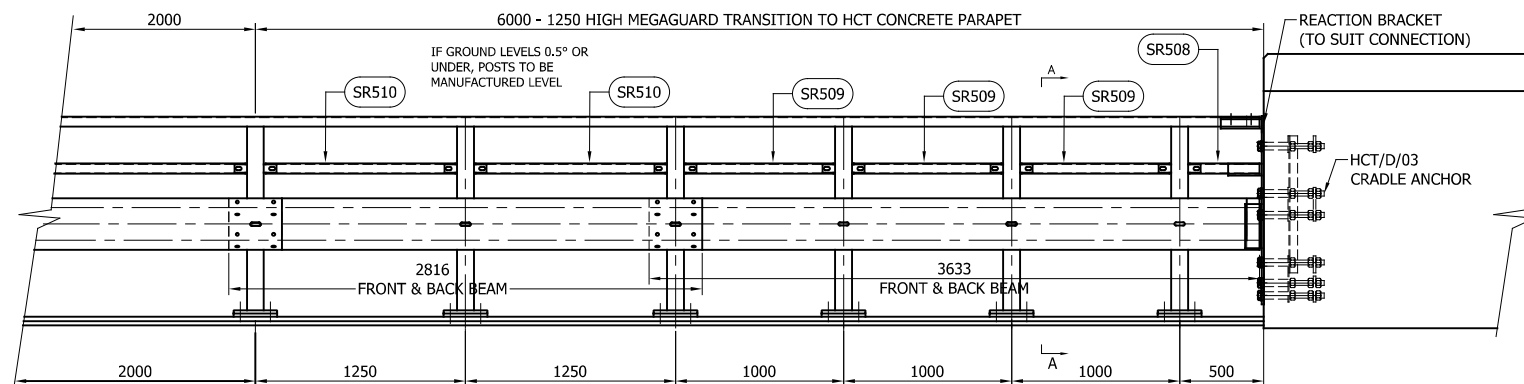
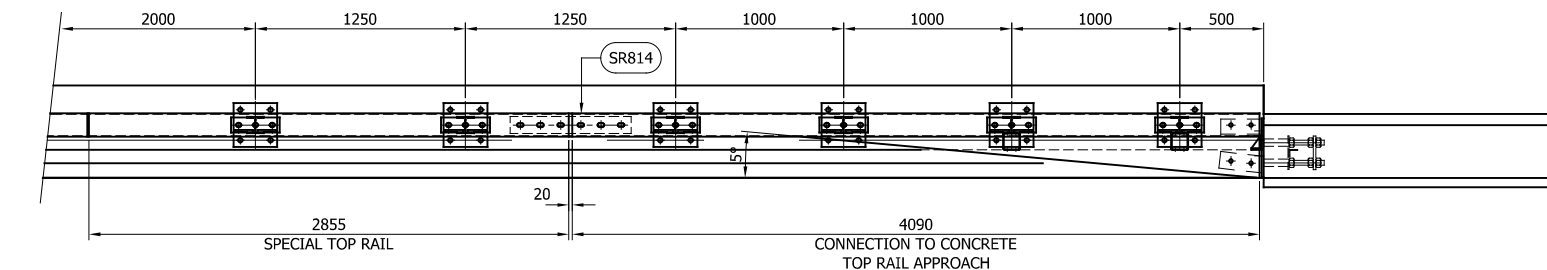
H2W1-GA-15

REVn:

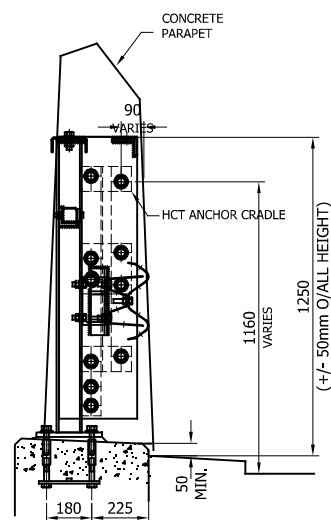
10

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. CONNECTION APPLICABLE TO CONCRETE PARAPET.
3. FOR DETAILS OF STRUCTURE ANCHORAGE SEE DRG. No. HCT/D/03.
4. MEGAGUARD TOP RAIL TO BE TAPERED TO BE FLUSH WITH TRAFFIC FACE AT END OF MEGAGUARD & CONCRETE PARAPET.
5. REACTION BRACKET TO ACCOMMODATE H2/W1 MEGAGUARD SYSTEM.
6. TOTAL LENGTH OF BARRIER TO BE AS CD377 & LENGTH OF NEED DRAWING MR-GA-043.
7. HEIGHT OF MEGAGUARD SHOWN AS 1250mm HIGH. CAN ALSO BE A MAXIMUM OF 1500mm.



MEGAGUARD ARRANGEMENT SHOWN WITH BASEPLATED POSTS. POSTS CAN ALSO BE SOCKETED



SECTION A-A
SCALE: 1:30

06	29.11.24	LOGO UPDATED	H.B
05	12.08.22	NOTE 6 CHANGED	A.D
04	22.02.22	NOTES ADDED	M.T
03	19.10.21	TITLE BLOCK REVISED	A.D
02	23.09.21	TEXT BOX REMOVED	A.D
01	26.07.21	SECTION A-A REVISED	A.D
00	25.09.19	DRAWING CREATED	M.T
REVn	DATE	DETAILS	INITIAL

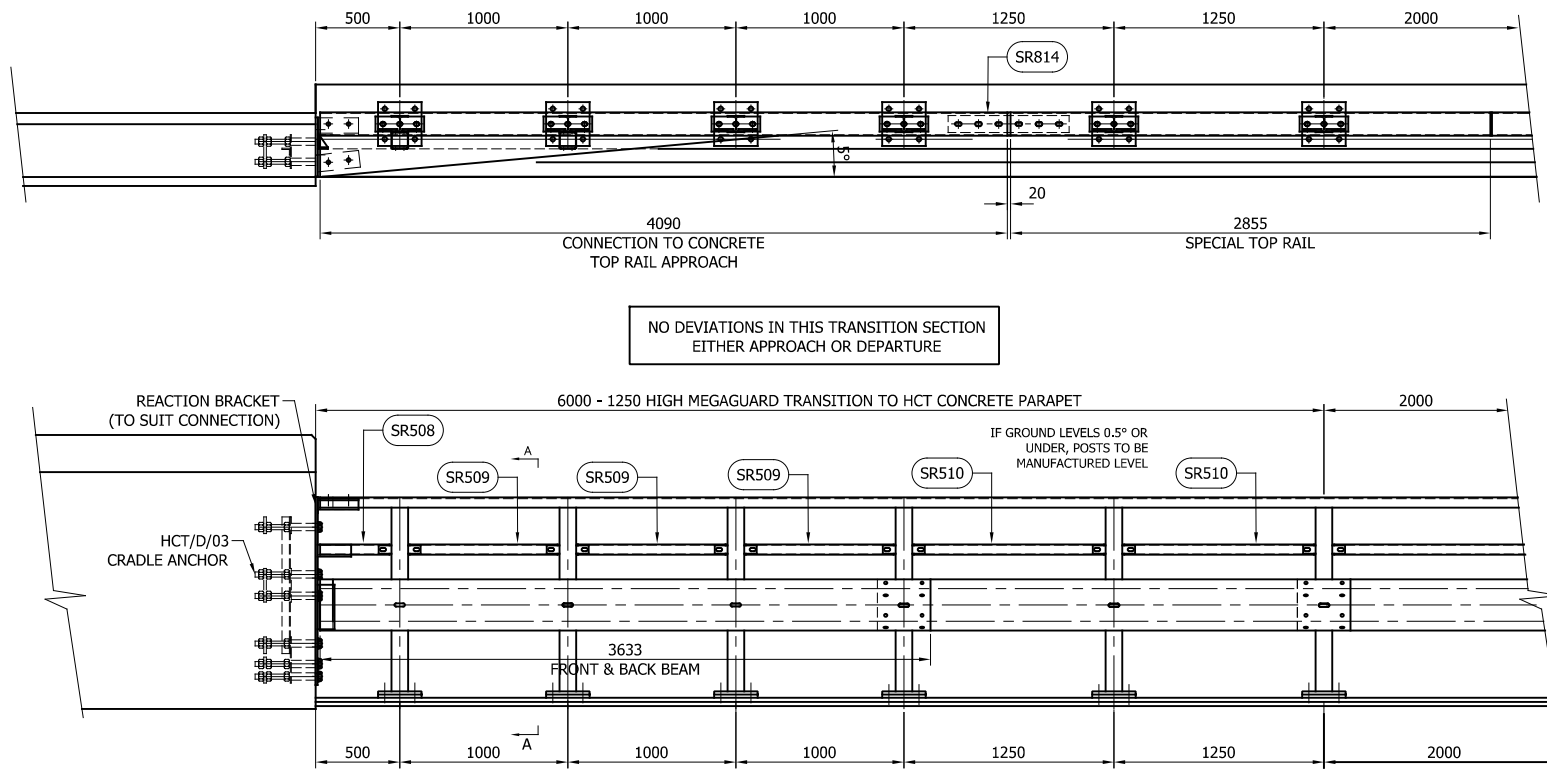
MegaGuard H2 W1 VI 1

CONNECTION TO CONCRETE
PARAPET (HCT ANCHORAGE)
APPROACH / LEFT HAND
GENERAL ARRANGEMENT

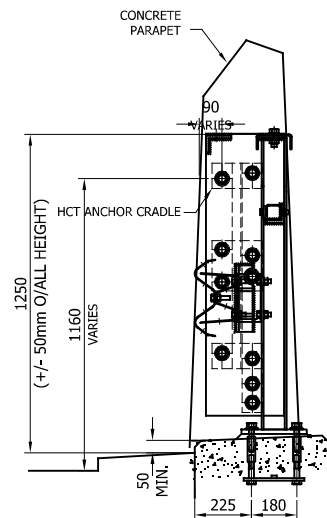


CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
H2W1-GA-18	06



MEGAGUARD ARRANGEMENT SHOWN WITH BASEPLATED POSTS, POSTS CAN ALSO BE SOCKETED



SECTION A-A
SCALE: 1:30

GENERAL NOTES;

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. CONNECTION APPLICABLE TO CONCRETE PARAPET.
3. FOR DETAILS OF STRUCTURE ANCHORAGE SEE DRG. No. HCT/D/03.
4. MEGAGUARD TOP RAIL TO BE TAPERED TO BE FLUSH WITH TRAFFIC FACE AT END OF MEGAGUARD & CONCRETE PARAPET.
5. REACTION BRACKET TO ACCOMMODATE H2/W1 MEGAGUARD SYSTEM.
6. TOTAL LENGTH OF BARRIER TO BE AS CD377 & LENGTH OF NEED DRAWING MR-GA-043.
7. HEIGHT OF MEGAGUARD SHOWN AS 1250mm HIGH. CAN ALSO BE A MAXIMUM OF 1500mm.

06	29.11.24	LOGO UPDATED	H.B
05	12.08.22	NOTE 6 CHANGED	A,D
04	22.02.22	NOTES ADDED	M,T
03	19.10.21	TITLE BOX REVISED	A,D
02	23.09.21	TEXT BOX REMOVED	A,D
01	26.07.21	SECTION A-A REVISED	A,D
00	25.09.19	DRAWING CREATED	M,T
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

CONNECTION TO CONCRETE
PARAPET (HCT ANCHORAGE)
DEPARTURE / RIGHT HAND
GENERAL ARRANGEMENT



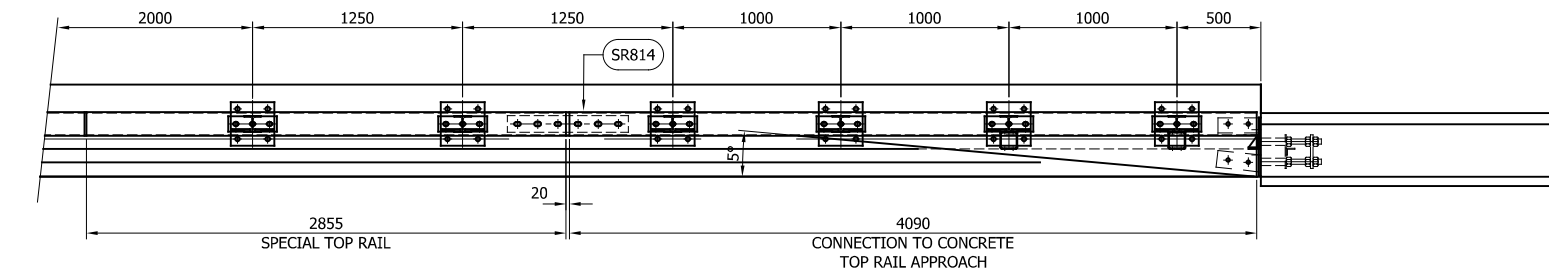
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:

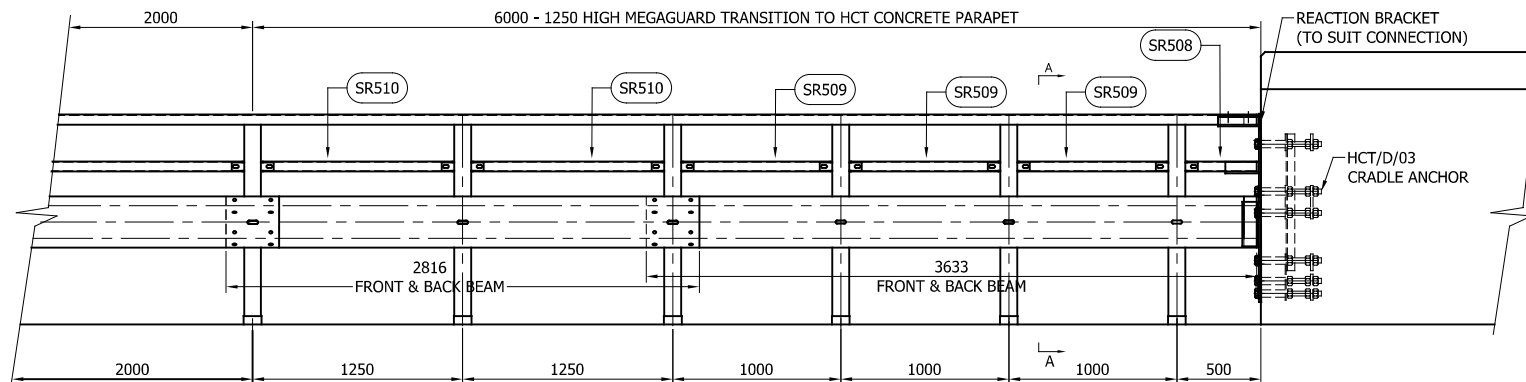
H2W1-GA-19

REVn:

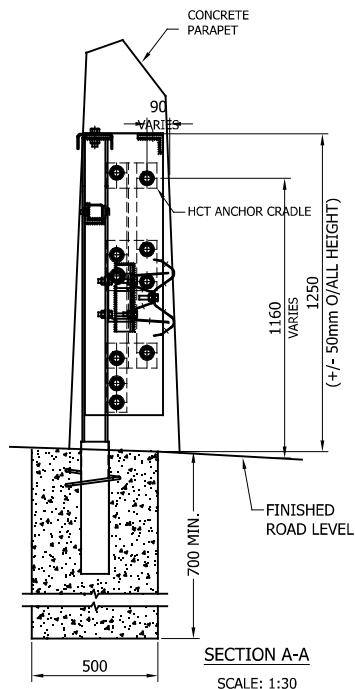
06



NO DEVIATIONS IN THIS TRANSITION SECTION
EITHER APPROACH OR DEPARTURE



MEGAGUARD ARRANGEMENT SHOWN WITH SOCKETED
POSTS. POSTS CAN ALSO BE BASEPLATED



GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. CONNECTION APPLICABLE TO CONCRETE PARAPET.
3. FOR DETAILS OF STRUCTURE ANCHORAGE SEE DRG. No. HCT/D/03.
4. MEGAGUARD TOP RAIL TO BE TAPERED TO BE FLUSH WITH TRAFFIC FACE AT END OF MEGAGUARD & CONCRETE PARAPET.
5. REACTION BRACKET TO ACCOMMODATE H2/W1 MEGAGUARD SYSTEM.
6. TOTAL LENGTH OF BARRIER TO BE AS CD377 & LENGTH OF NEED DRAWING MR-GA-043.
7. HEIGHT OF MEGAGUARD SHOWN AS 1250mm HIGH. CAN ALSO BE A MAXIMUM OF 1500mm.

04	29.11.24	LOGO UPDATED	H.B
03	22.02.22	NOTES ADDED	M.T
02	26.07.21	SECTION A-A REVISED	A.D
01	25.05.21	DETAILS REVISED	M.T
00	03.10.19	DRAWING CREATED	M.T
REVn	DATE	DETAILS	INITIAL

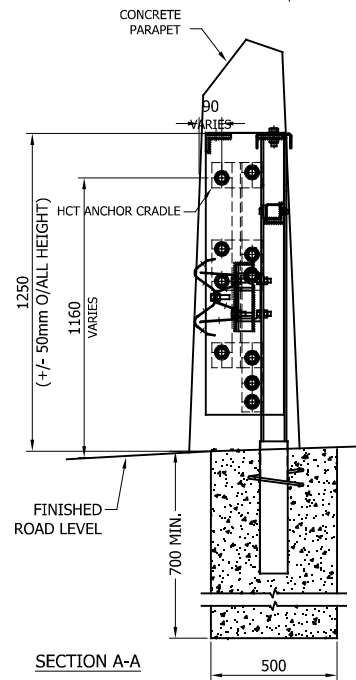
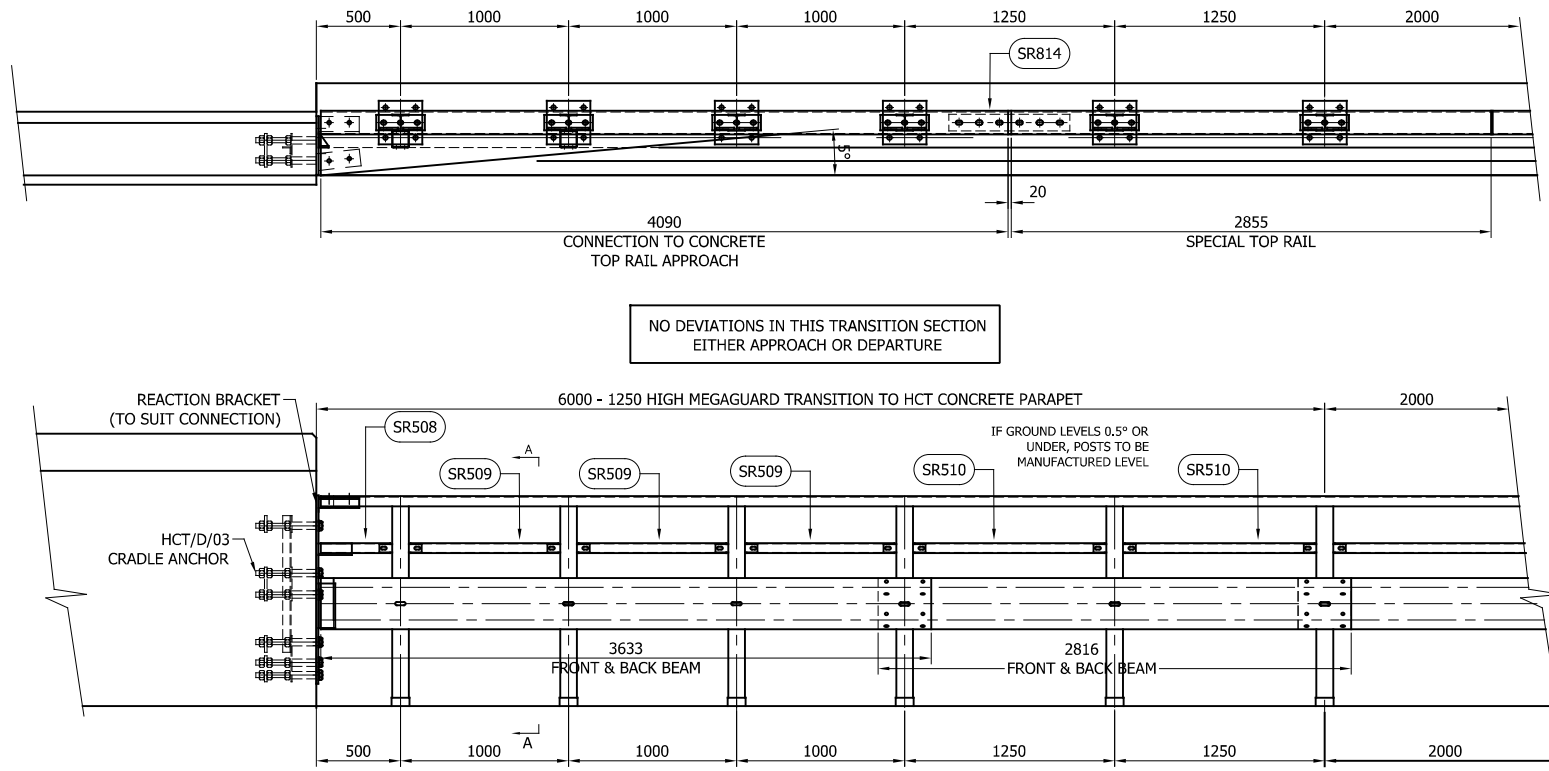
MegaGuard H2 W1 VI 1

CONNECTION TO CONCRETE
PARAPET (HCT ANCHORAGE)
APPROACH / LEFT HAND
SOCKETED GENERAL ARRANGEMENT



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-20	04



GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. CONNECTION APPLICABLE TO CONCRETE PARAPET.
3. FOR DETAILS OF STRUCTURE ANCHORAGE SEE DRG. No. HCT/D/03.
4. MEGAGUARD TOP RAIL TO BE TAPERED TO BE FLUSH WITH TRAFFIC FACE AT END OF MEGAGUARD & CONCRETE PARAPET.
5. REACTION BRACKET TO ACCOMMODATE H2/W1 MEGAGUARD SYSTEM.
6. TOTAL LENGTH OF BARRIER TO BE AS CD377 & LENGTH OF NEED DRAWING MR-GA-043.
7. HEIGHT OF MEGAGUARD SHOWN AS 1250mm HIGH. CAN ALSO BE A MAXIMUM OF 1500mm.

04	29.11.24	LOGO UPDATED	H.B
03	22.02.22	NOTES ADDED	M.T
02	26.07.21	SECTION A-A REVISED	A.D
01	25.05.21	DETAILS REVISED	M.T
00	03.10.19	DRAWING CREATED	M.T
REVn	DATE	DETAILS	INITIAL

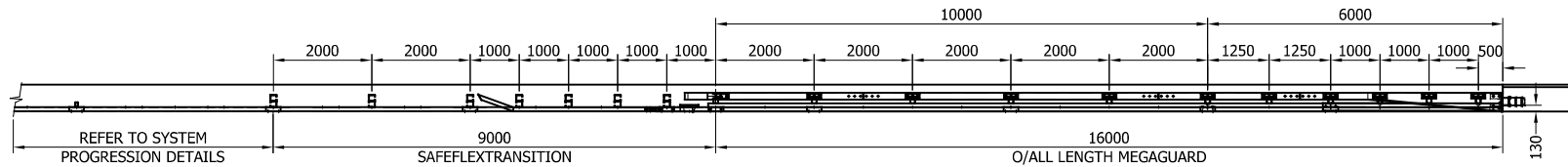
MegaGuard H2 W1 VI 1

CONNECTION TO CONCRETE
PARAPET (HCT ANCHORAGE)
DEPARTURE / RIGHT HAND
SOCKETED GENERAL ARRANGEMENT



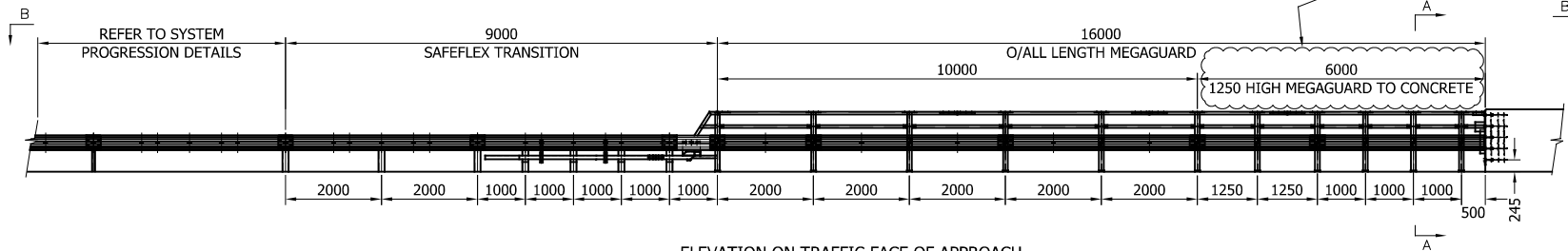
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
H2W1-GA-21	04



SECTION B-B
(PLAN VIEW ON CONNECTION TO SAFEFLEX TRANSITION)

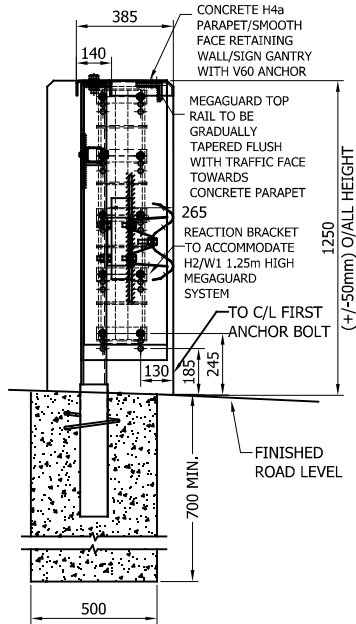
SCALE: 1:150



ELEVATION ON TRAFFIC FACE OF APPROACH
CONNECTION TO SAFEFLEX TRANSITION

SCALE: 1:150

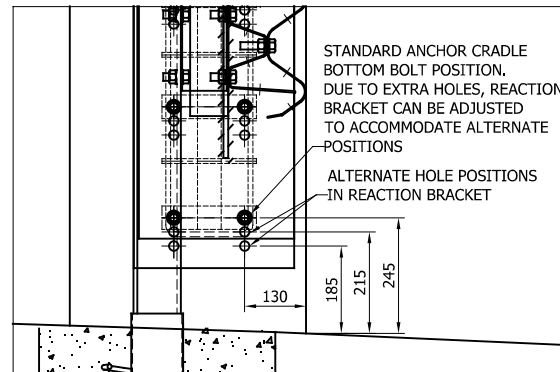
SEE UK 27460 & UK 27461 FOR FURTHER DETAILS
OF MEGAGUARD CONNECTION TO SAFEFLEX TRANSITION



SECTION A-A

SCALE: 1:30

MEGAGUARD ARRANGEMENT SHOWN WITH
SOCKETED POSTS. CAN ALSO BE BASEPLATED



FURTHER DETAIL OF ANCHORAGE &
REACTION BRACKET HOLES

SCALE: 1:16

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. MEGAGUARD TOP RAIL TO BE TAPERED TO BE FLUSH WITH TRAFFIC FACE AT END OF MEGAGUARD & CONCRETE PARAPET. DESIGN TBD.
5. ARRANGEMENT & REACTION BRACKET SUITABLE FOR 1.25m MIN. O/ALL HEIGHT MEGAGUARD SYSTEM.
6. FOR FURTHER DETAILS ON CONNECTION OF MEGAGUARD TO SAFEFLEX TRANSITION, PLEASE SEE UK 27460 & UK 27461

06	25.11.24	TRANSITION UPGRADED TO SAFEFLEX	H.B
05	19.07.22	SECTION A-A NOTE CHANGED	A.D
04	22.02.22	NOTES ADDED	M.T
03	12.01.22	TITLE BLOCK REVISED	A.D
02	23.07.21	SECTION C-C & D-D ARROWS MOVED	A.D
01	22.02.21	REACTION BRACKET REVISED	M.T
00	07.05.20	DRAWING CREATED	M.T
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1

1.25m CONNECTION TO CONCRETE
INTO SAFEFLEX TRANSITION
APPROACH / LEFT HAND
SOCKETED GENERAL ARRANGEMENT



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

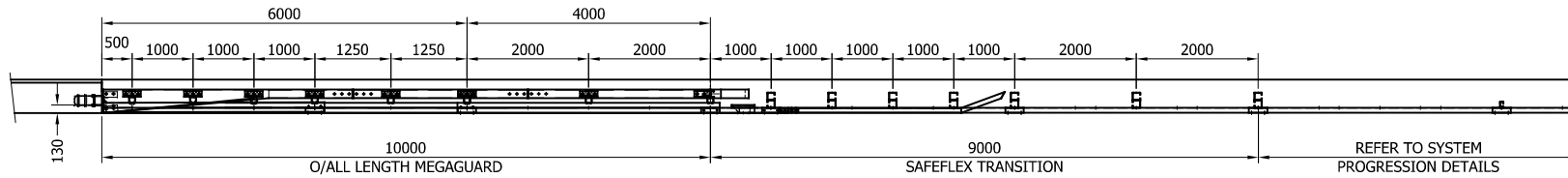
DRAWING NUMBER:

H2W1-GA-22

REVn:

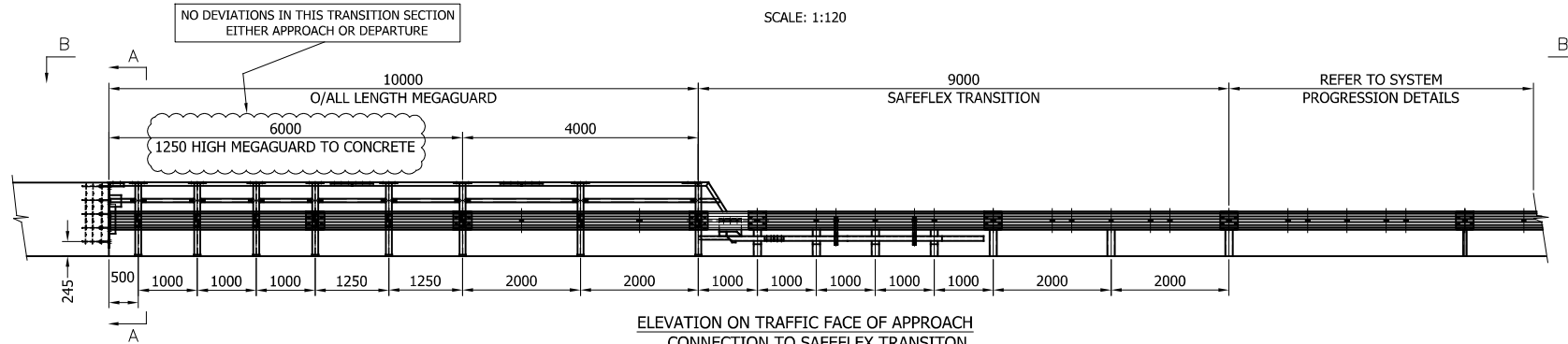
06

MINIMUM DEPARTURE LENGTH = 8.0m
10.0m SHOWN TO ACCOMMODATE USE OF
STANDARD COMPONENTS



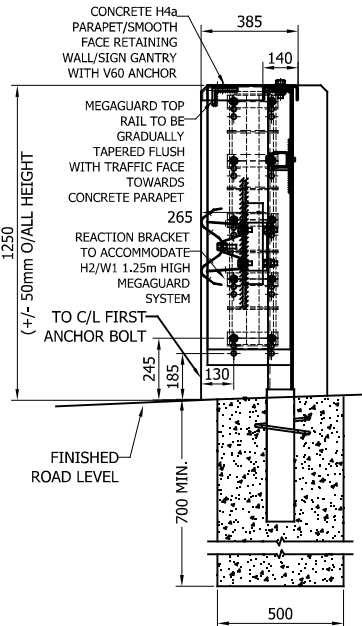
SECTION B-B
(PLAN VIEW ON CONNECTION TO SAFEFLEX TRANSITION)

SCALE: 1:120



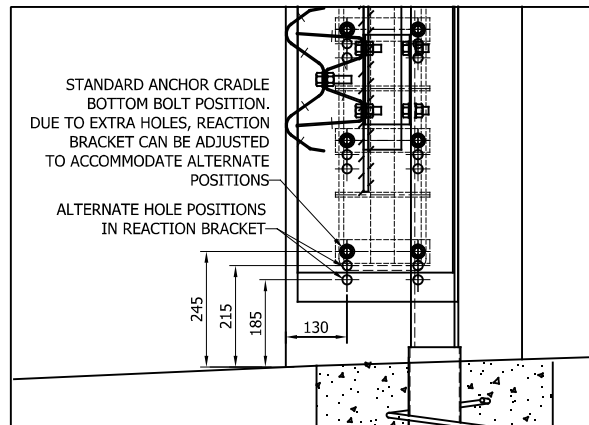
ELEVATION ON TRAFFIC FACE OF APPROACH
CONNECTION TO SAFEFLEX TRANSITION

SCALE: 1:120



SECTION A-A
SCALE: 1:30

MEGAGUARD ARRANGEMENT SHOWN WITH
SOCKETED POSTS. CAN ALSO BE BASEPLATED



FURTHER DETAIL OF ANCHORAGE &
REACTION BRACKET HOLES

SCALE: 1:16

SEE UK 27460 & UK 27461 FOR FURTHER DETAILS
OF MEGAGUARD CONNECTION TO SAFEFLEX TRANSITION

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. MEGAGUARD TOP RAIL TO BE TAPERED TO BE FLUSH WITH TRAFFIC FACE AT END OF MEGAGUARD & CONCRETE PARAPET. DESIGN TBD.
5. ARRANGEMENT & REACTION BRACKET SUITABLE FOR 1.25m MIN. O/ALL HEIGHT MEGAGUARD SYSTEM.
6. FOR FURTHER DETAILS ON CONNECTION OF MEGAGUARD TO SAFEFLEX TRANSITION, PLEASE SEE UK 27460 & UK 27461

08	25.11.24	TRANSITION UPGRADED TO SAFEFLEX	H.B
07	19.07.22	SECTION A-A NOTE CHANGED	A.D
06	22.03.22	MEGAGUARD LENGTH REVISED	M.T
05	22.02.22	NOTES ADDED	M.T
04	12.01.22	TITLE BLOCK REVISED	A.D
03	23.07.21	POST SPACING REVISED	A.D
02	25.05.21	DETAILS REVISED	M.T
01	22.02.21	REACTION BRACKET REVISED	M.T
00	07.05.20	DRAWING CREATED	M.T
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1

1.25m CONNECTION TO CONCRETE
INTO SAFEFLEX TRANSITION
DEPARTURE / RIGHT HAND
SOCKETED GENERAL ARRANGEMENT



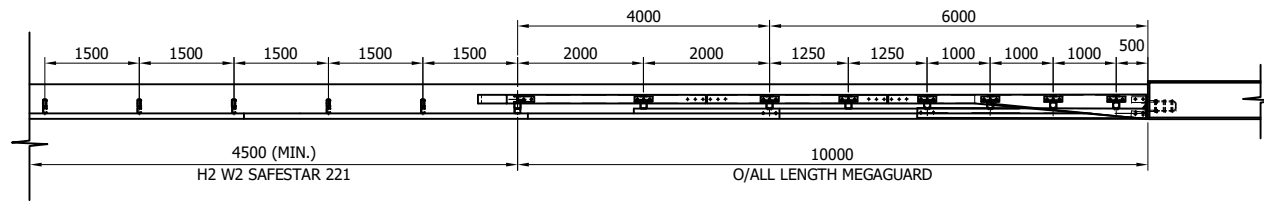
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:

H2W1-GA-23

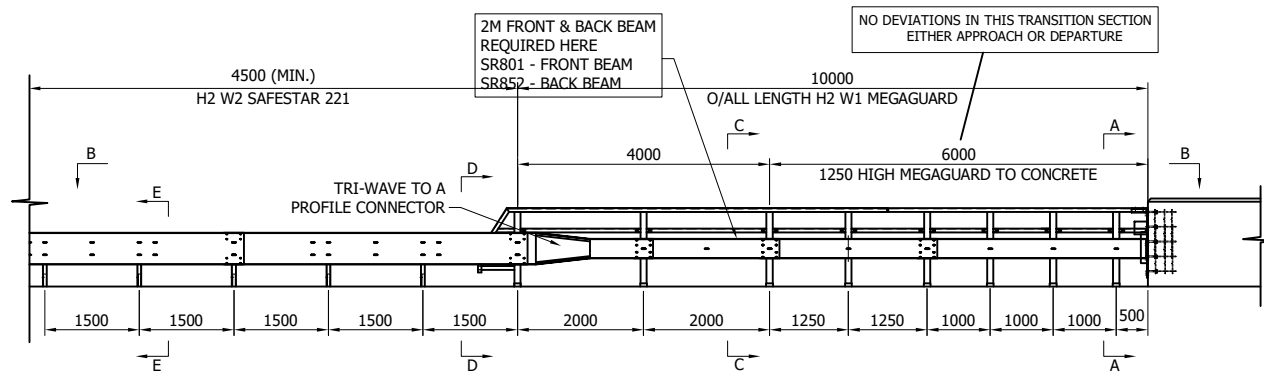
REVn:

08



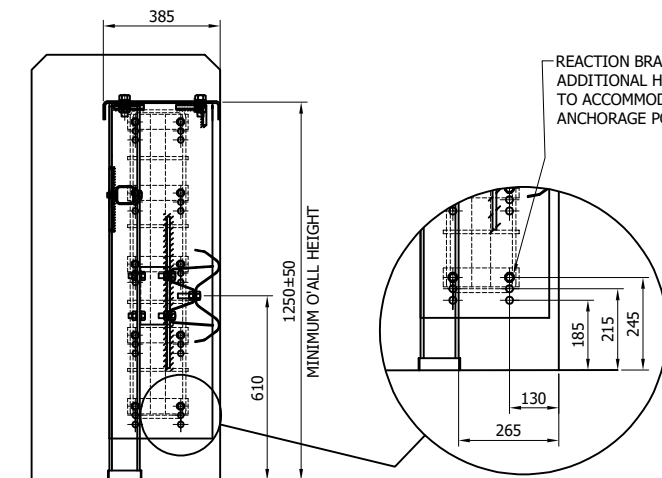
SECTION B-B

SCALE: 1:120



ELEVATION ON TRAFFIC FACE
APPROACH CONNECTION

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

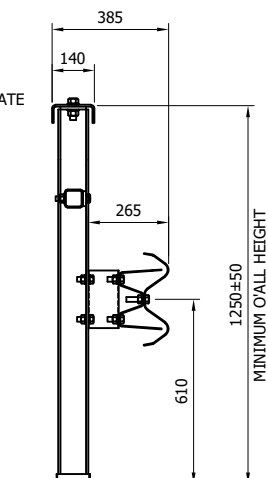


SECTION A-A

SCALE: 1:25

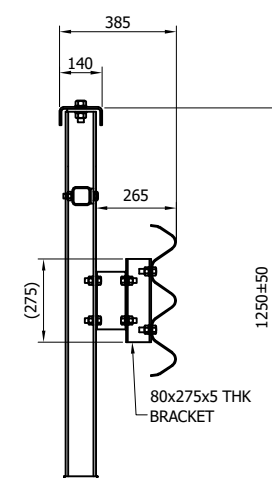
REACTION BRACKET
POSITIONING DETAIL

SCALE: 1:20



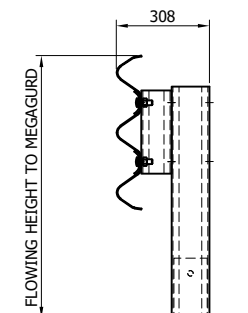
SECTION C-C

SCALE: 1:25



SECTION D-D

SCALE: 1:25



SECTION E-E

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. MEGAGUARD TOP RAIL TO BE TAPERED TO BE FLUSH WITH TRAFFIC FACE AT END OF MEGAGUARD & CONCRETE PARAPET. DESIGN TBD.
5. ARRANGEMENT & REACTION BRACKET SUITABLE FOR 1.25m (+/-50mm) O/ALL HEIGHT MEGAGUARD SYSTEM.
6. FOR GENERAL DETAILS OF H2W2 SAFESTAR 221, SEE SYSTEM MANUAL
7. SAFESTAR 221 BEAMS TO BE INSTALLED AT FLOWING HEIGHT TO MEGAGUARD BEAMS, GRADUALLY RETURNING TO SET SYSTEM HEIGHT

08	15.01.26	DRAWING UPDATED	H.B
07	17.06.24	LENGTH OF MEGAGUARD REDUCED	H.B
06	29.11.22	DIMENSION ADDED TO SECTION E-E	A.D
05	19.07.22	SECTION A-A NOTE CHANGED	A.D
04	22.02.22	NOTES ADDED	M.T
03	12.01.22	TITLE BLOCK REVISED	A.D
02	19.10.21	SECTIONS C-C, D-D ALTERED	A.D
01	08.10.21	SECTIONS A-A, B-B & C-C ALTERED	A.D
00	14.06.21	DRAWING CREATED	M.T
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1

1.25m CONNECTION TO CONCRETE
INTO SYSTEM PROGRESSION FROM
H2W1 TO H2W2 SAFESTAR 221



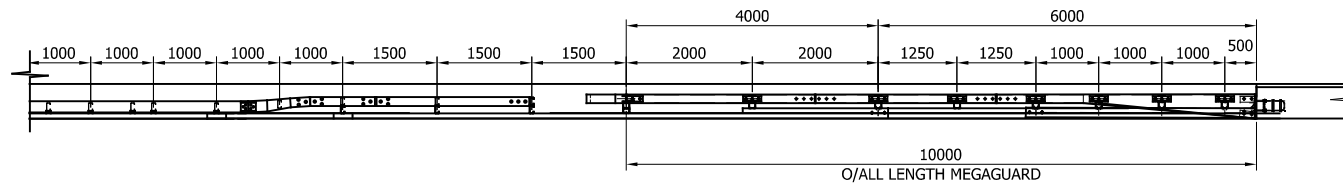
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:

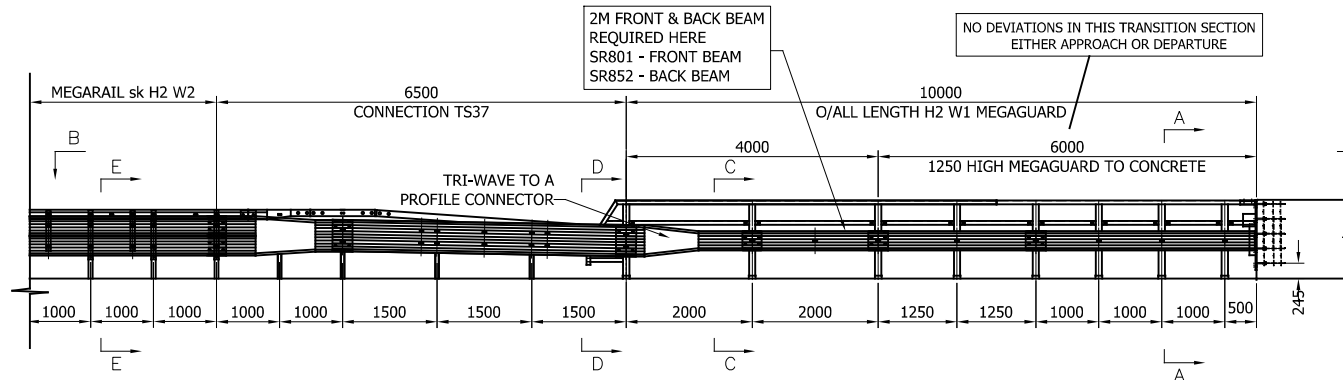
H2W1-GA-25

REVn:

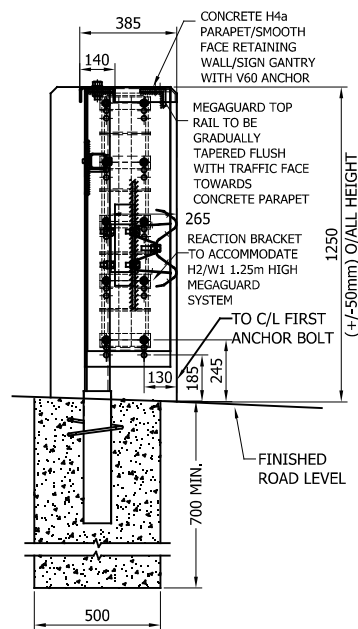
08



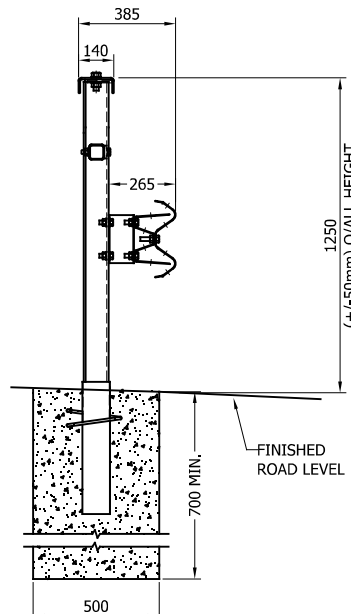
PLAN VIEW



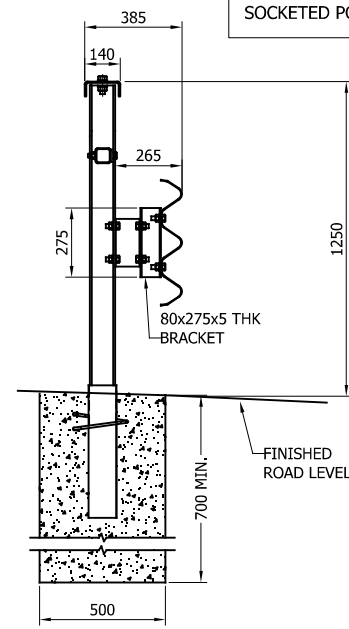
ELEVATION ON TRAFFIC FACE
APPROACH CONNECTION



SECTION A-A

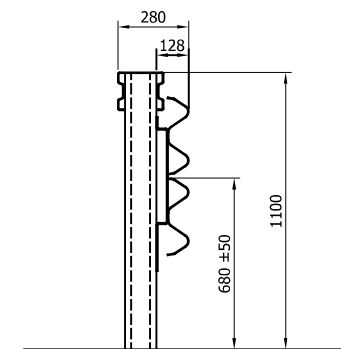


SECTION C-C



SECTION D-D

MEGAGUARD ARRANGEMENT SHOWN WITH
SOCKETED POSTS. CAN ALSO BE BASEPLATED



SECTION E-E

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. MEGAGUARD TOP RAIL TO BE TAPERED TO BE FLUSH WITH TRAFFIC FACE AT END OF MEGAGUARD & CONCRETE PARAPET. DESIGN TBD.
5. ARRANGEMENT & REACTION BRACKET SUITABLE FOR 1.25m (+/-50mm) O/ALL HEIGHT MEGAGUARD SYSTEM.
6. FOR GENERAL DETAILS OF H2 W2 MEGARAIL sk SEE DRG. No. H2W2-GA-01.

07	17.06.24	LENGTH OF MEGAGUARD REDUCED	H.B
06	29.11.22	DIMENSION ADDED TO SECTION E-E	A.D
05	19.07.22	SECTION A-A NOTE CHANGED	A.D
04	22.02.22	NOTES ADDED	M.T
03	12.01.22	TITLE BLOCK REVISED	A.D
02	19.10.21	SECTIONS C-C & D-D ALTERED	A.D
01	08.10.21	SECTIONS A-A, B-B & C-C ALTERED	A.D
00	14.06.21	DRAWING CREATED	M.T
REVn	DATE	DETAILS	INITIAL

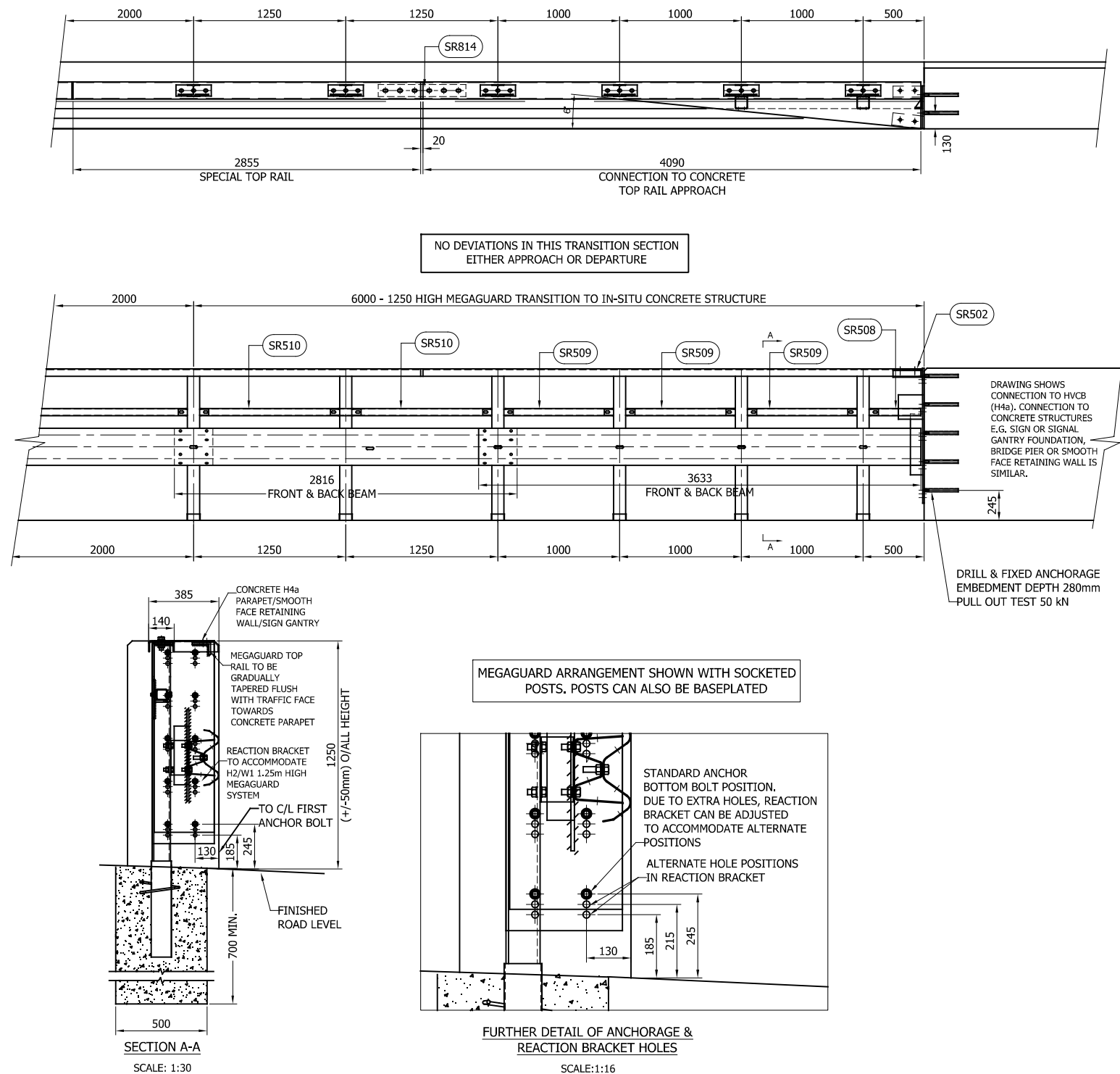
MegaGuard H2 W1

1.25m CONNECTION TO CONCRETE
INTO SYSTEM PROGRESSION FROM
H2-W1 TO H2-W2 MEGARAIL sk



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-26 REVn: 07



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. DRILL & FIX ANCHORS INTO CONCRETE H4a TO BE SSR-VDI M16 x 280 INTERNALLY THREADED CHEMICAL ANCHORS SOCKETS, C/W GLASS RESIN CAPSULES. 28 DIA. x 280 DRILLING DEPTH REQ'D
4. MEGAGUARD TOP RAIL TO BE TAPERED TO BE FLUSH WITH TRAFFIC FACE AT END OF MEGAGUARD & CONCRETE PARAPET. DESIGN TBD.
5. TOTAL LENGTH OF BARRIER TO BE AS CD377 & LENGTH OF NEED DRAWING MR-GA-043.
6. ARRANGEMENT & REACTION BRACKET SUITABLE FOR 1.25m MIN. O/ALL HEIGHT MEGAGUARD SYSTEM.

REVn	DATE	DETAILS	INITIAL
02	21.01.25	ANCHOR DEPTH UPDATED	H.B
01	29.11.24	LOGO UPDATED	H.B
00	29.07.22	DRAWING CREATED	M.T

MegaGuard H2 W1 VI 1

1.25m CONNECTION TO CONCRETE
STRUCTURE (DRILL & FIX)
APPROACH / LEFT HAND
SOCKETED GENERAL ARRANGEMENT



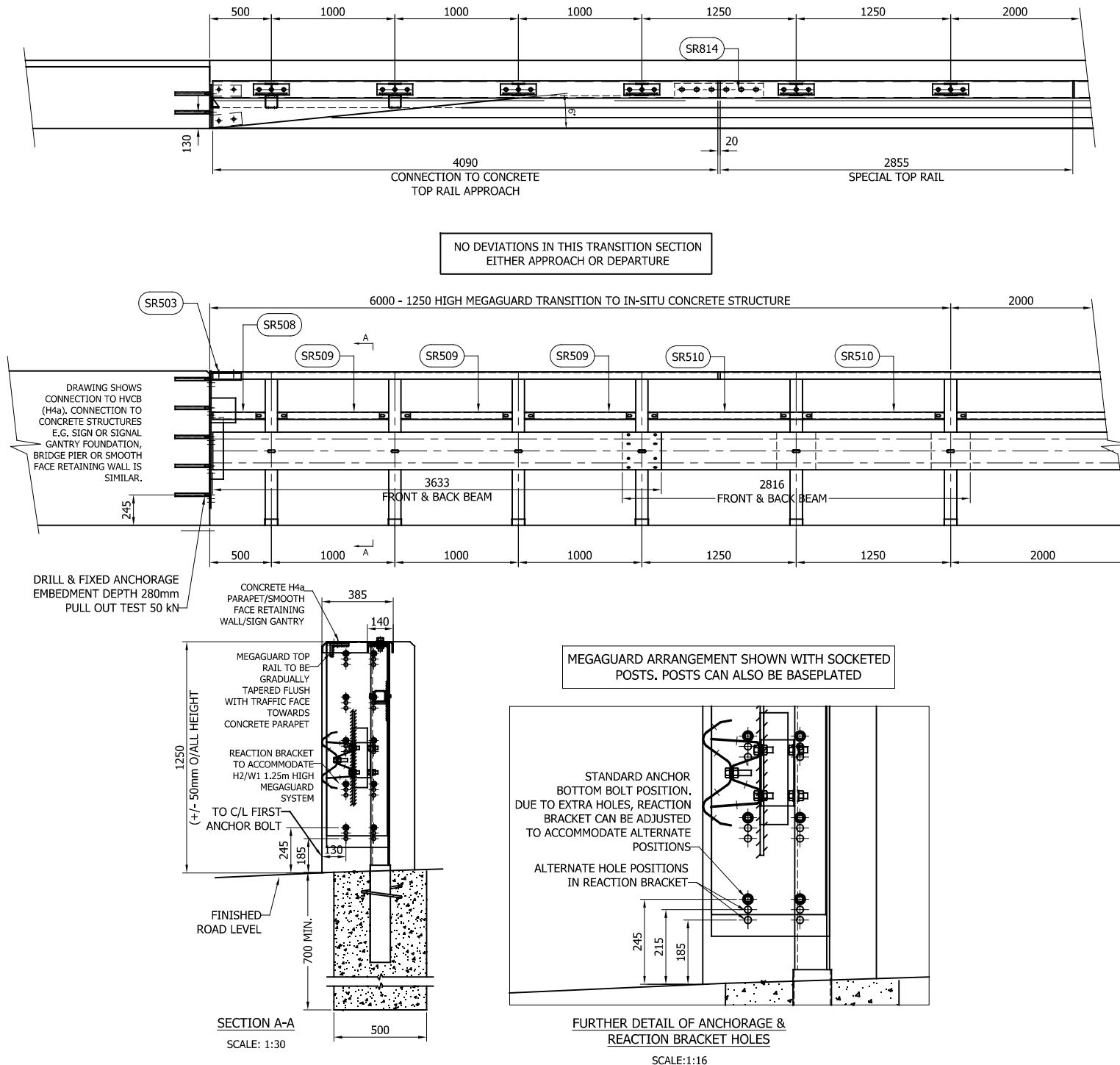
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:

H2W1-GA-27

REVn:

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. DRILL & FIX ANCHORS INTO CONCRETE H4a TO BE SSR-VDI M16 x 280 INTERNALLY THREADED CHEMICAL ANCHORS SOCKETS, C/W GLASS RESIN CAPSULES. 28 DIA. x 280 DRILLING DEPTH REQ'D
4. MEGAGUARD TOP RAIL TO BE TAPERED TO BE FLUSH WITH TRAFFIC FACE AT END OF MEGAGUARD & CONCRETE PARAPET. DESIGN TBD.
5. TOTAL LENGTH OF BARRIER TO BE AS CD377 & LENGTH OF NEED DRAWING MR-GA-043.
6. ARRANGEMENT & REACTION BRACKET SUITABLE FOR 1.25m MIN. O/ALL HEIGHT MEGAGUARD SYSTEM.

02	21.01.25	ANCHOR DEPTH UPDATED	H.B
01	29.11.24	LOGO UPDATED	H.B
00	29.07.22	DRAWING CREATED	M.T
REVn	DATE	DETAILS	INITIAL

MegaGuard H2 W1 VI 1

1.25m CONNECTION TO CONCRETE STRUCTURE (DRILL & FIX)
DEPARTURE / RIGHT HAND
SOCKETED GENERAL ARRANGEMENT



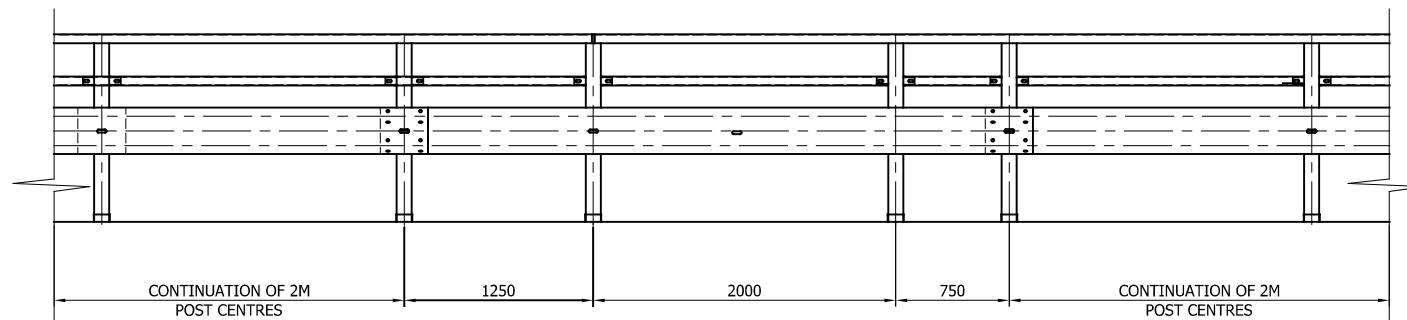
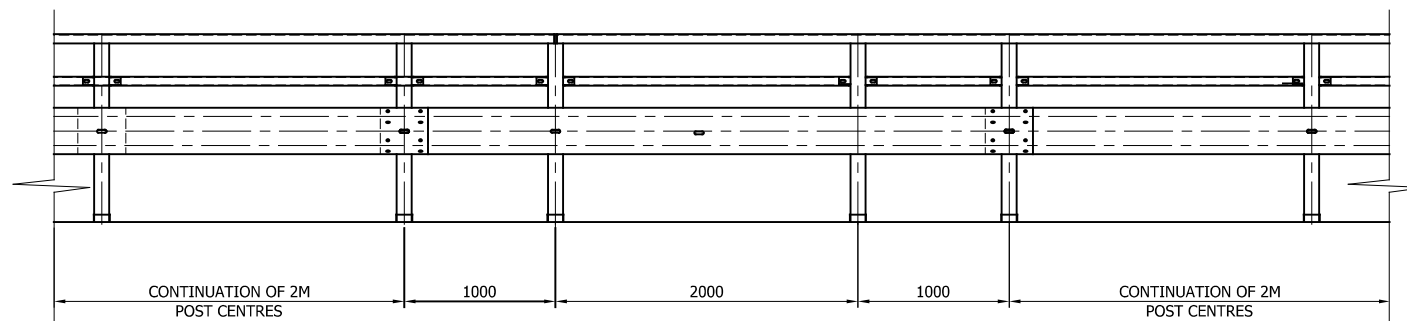
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:

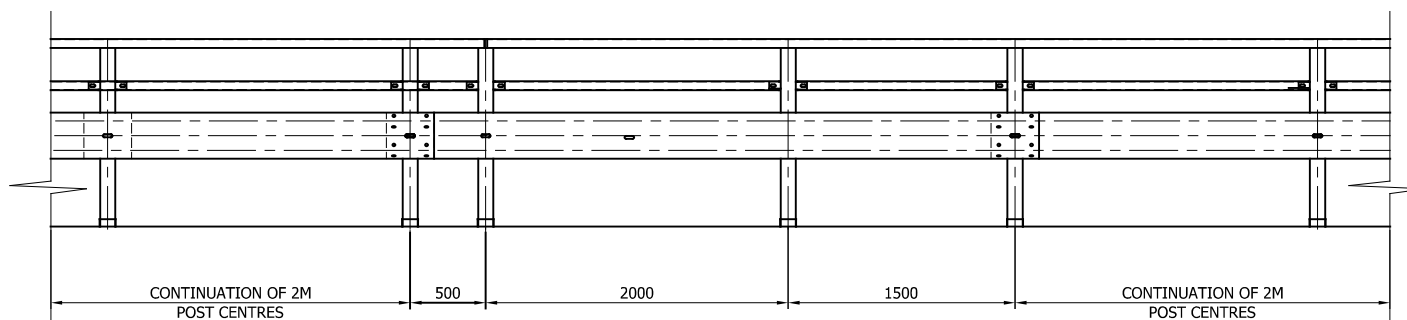
H2W1-GA-28

REVn:

02



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