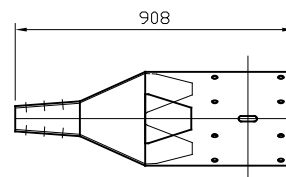


**WHERE CHEVRON DECAL AFFIXED,
CHEVRONS SHOULD BE POINTED
DOWNSWARDS TOWARDS THE ROAD**



DETAIL 'C'
(SAFE-END CONNECTOR)
SCALE: 1:25

- GENERAL NOTES:
1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. FOR INSTALLATION PROCEDURES REFER TO SAFEROAD MANUAL.
 3. SEE SYSTEM PROGRESSION CHART FOR CONNECTION DETAILS.

06	19.02.25	DRAWING UPDATED	H.B
05	08.12.21	NOTE ADDED TO PLAN	A.D
04	08.10.21	NOTE ADDED	A.D
03	23.07.21	DETAILS REVISED	A.D
02	09.11.20	DETAILS REVISED	M.T
01	20.04.17	REVISED TO COMMENTS	M.T
00	25.01.17	DRG. SUPERSEDES UK 19506	M.T
REVn	DATE	DETAILS	INITIAL

Safe-End P4

TO MEGARAIL
GENERAL ARRANGEMENT
& DETAIL



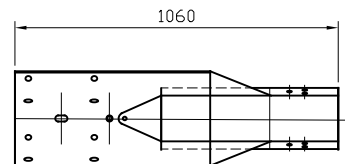
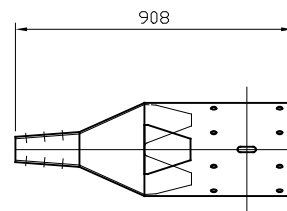
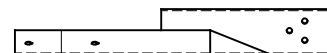
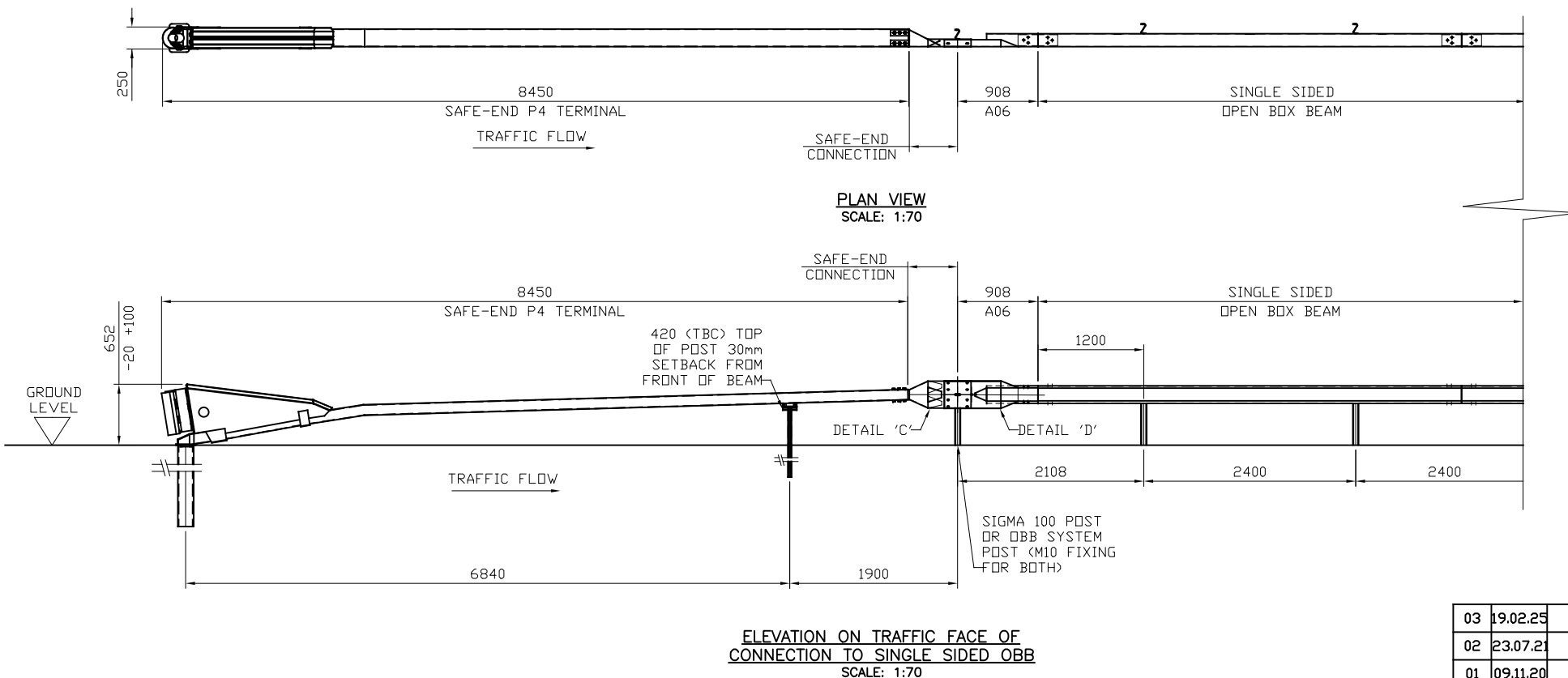
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
t: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:

P4-GA-01

REVn:

06



DETAIL 'C'
(SAFE-END CONNECTOR)
SCALE: 1:25

DETAIL 'D'
(ITEM A06)
SCALE: 1:25

- GENERAL NOTES:**
1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. FOR INSTALLATION PROCEDURES REFER TO SAFEROAD MANUAL.

03	19.02.25	DRAWING UPDATED	H.B
02	23.07.21	DETAILS REVISED	A.D
01	09.11.20	DETAILS REVISED	M.T
00	25.01.17	DRG. SUPERSEDES UK 19507	M.T
REVn	DATE	DETAILS	INITIAL

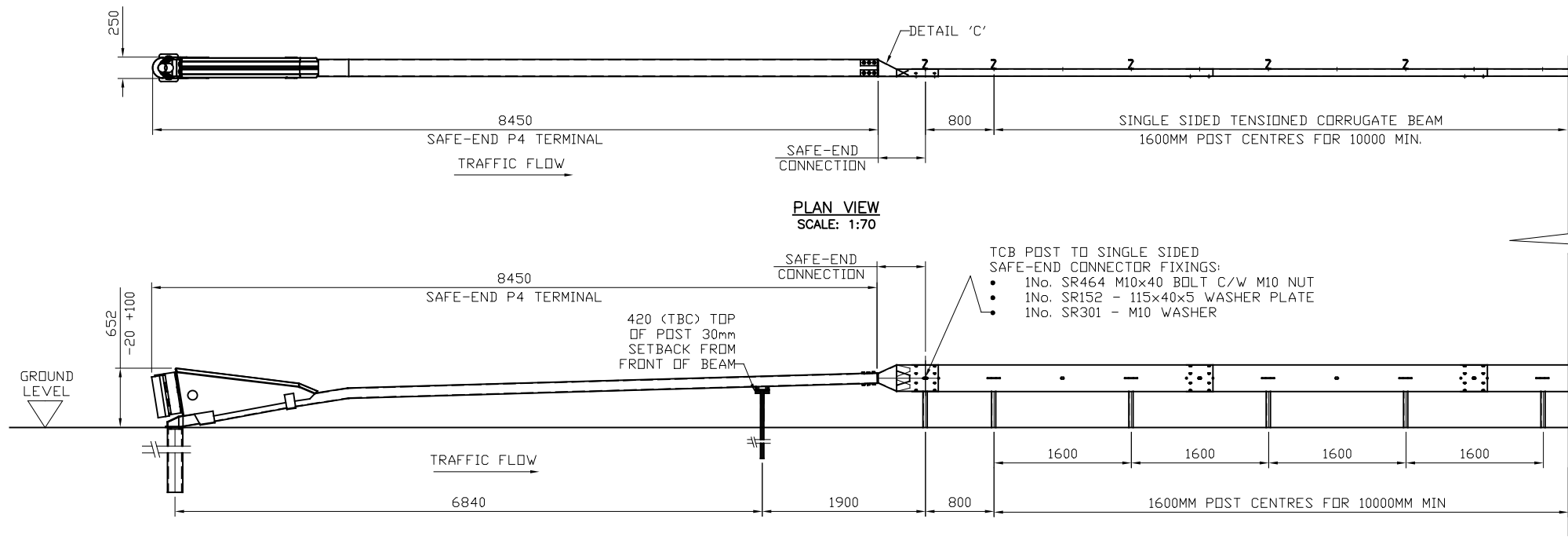
Safe-End P4

TO SINGLE SIDED OPEN BOX
BEAM (OBB)
GENERAL ARRANGEMENT
& DETAIL

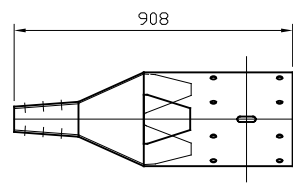
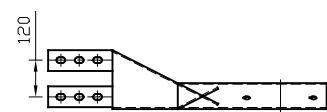


CONCORD HOUSE,
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DRAWING NUMBER:	REVn
P4-GA-02	03



**ELEVATION ON TRAFFIC FACE OF
CONNECTION TO SINGLE SIDED TCB**
SCALE: 1:70



DETAIL 'C'
(SAFE-END CONNECTOR)
SCALE: 1:25

GENERAL NOTES:
1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. FOR INSTALLATION PROCEDURES REFER TO SAFEROAD MANUAL.

06	28.05.25	DRAWING UPDATED	H.B
05	19.02.25	DRAWING UPDATED	H.B
04	30.01.24	DETAILS REVISED	H.B
03	23.07.21	DETAILS REVISED	A.D
02	09.11.20	DETAILS REVISED	M.T
REVn	DATE	DETAILS	INITIAL

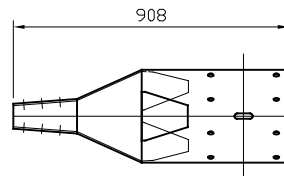
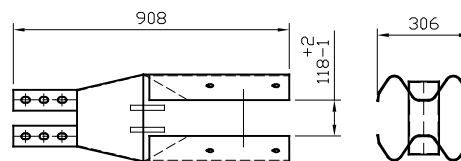
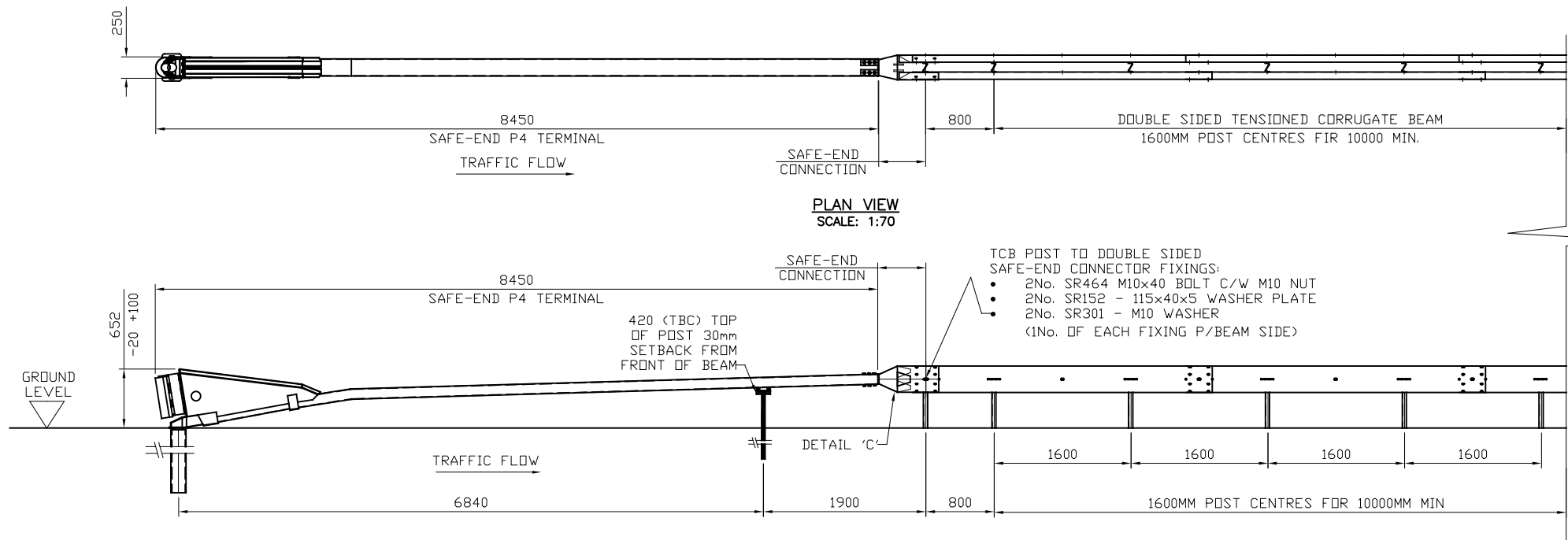
Safe-End P4

TO SINGLE SIDED TENSIONED
CORRUGATE BEAM (TCB)
GENERAL ARRANGEMENT
& DETAIL



CONCORD HOUSE,
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e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
P4-GA-04	06



DETAIL 'C'
(SAFE-END CONNECTOR)
SCALE: 1:25

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. FOR INSTALLATION PROCEDURES REFER TO SAFEROAD MANUAL.

07	28.05.25	DRAWING UPDATED	H.B
06	19.02.25	DRAWING UPDATED	H.B
05	30.01.24	DETAILS REVISED	H.B
04	26.07.21	PLAN & ELEVATION REVISED	A.D
03	09.11.20	DETAILS REVISED	M.T
REVn	DATE	DETAILS	INITIAL

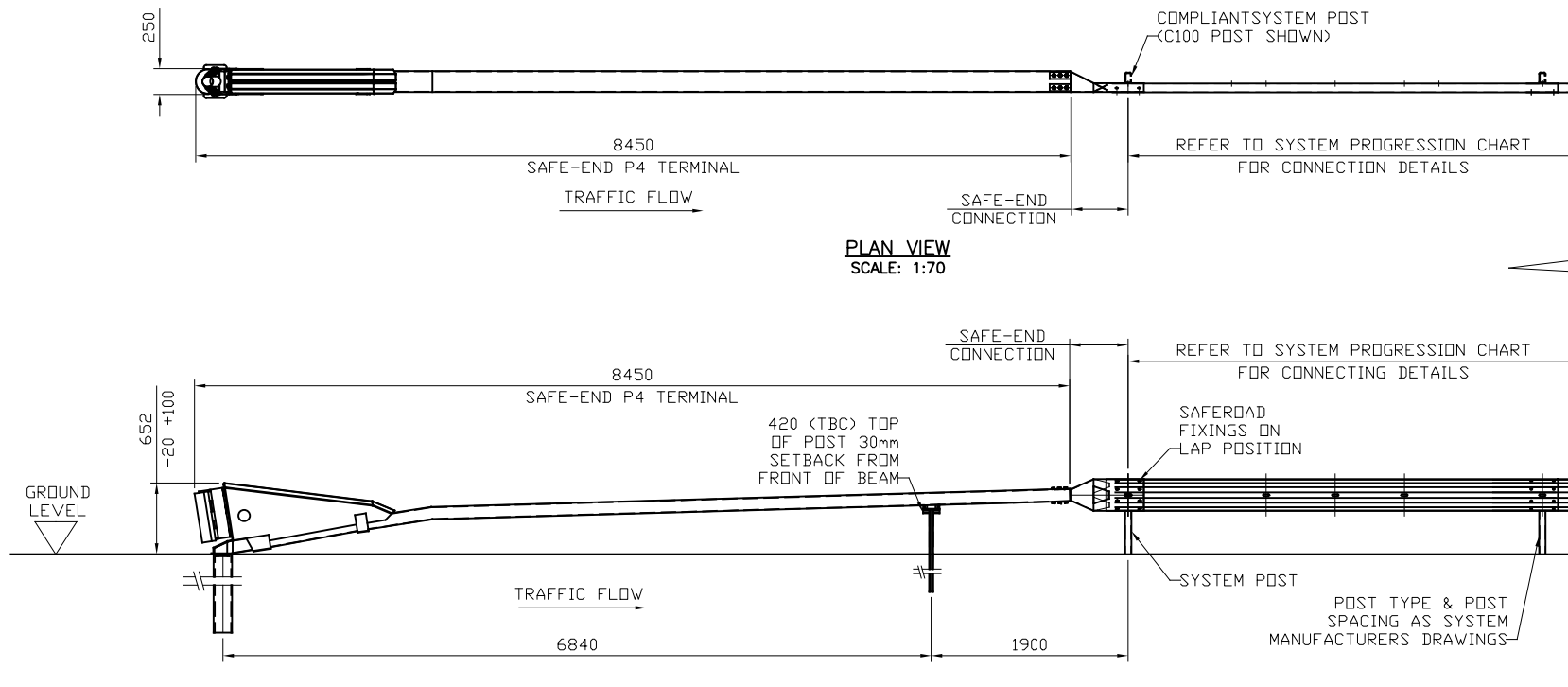
Safe-End P4

TO DOUBLE SIDED TENSIONED CORRUGATE BEAM (TCB)
GENERAL ARRANGEMENT
& DETAIL

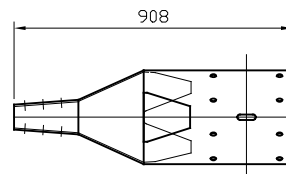


CONCORD HOUSE,
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DRAWING NUMBER:	REVn:
P4-GA-05	07



**ELEVATION ON TRAFFIC FACE OF
CONNECTION TO EN 1317 TESTED VRS SYSTEM**
SCALE: 1:70



**DETAIL 'C'
(SAFE-END CONNECTOR)**
SCALE: 1:25

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. FOR INSTALLATION PROCEDURES REFER TO SAFEROAD MANUAL.

03	19.02.25	DRAWING UPDATED	H.B
02	23.07.21	DETAILS REVISED	A.D
01	09.11.20	DETAILS REVISED	M.T
00	04.03.20	DRAWING CREATED	M.T
REVn	DATE	DETAILS	INITIAL

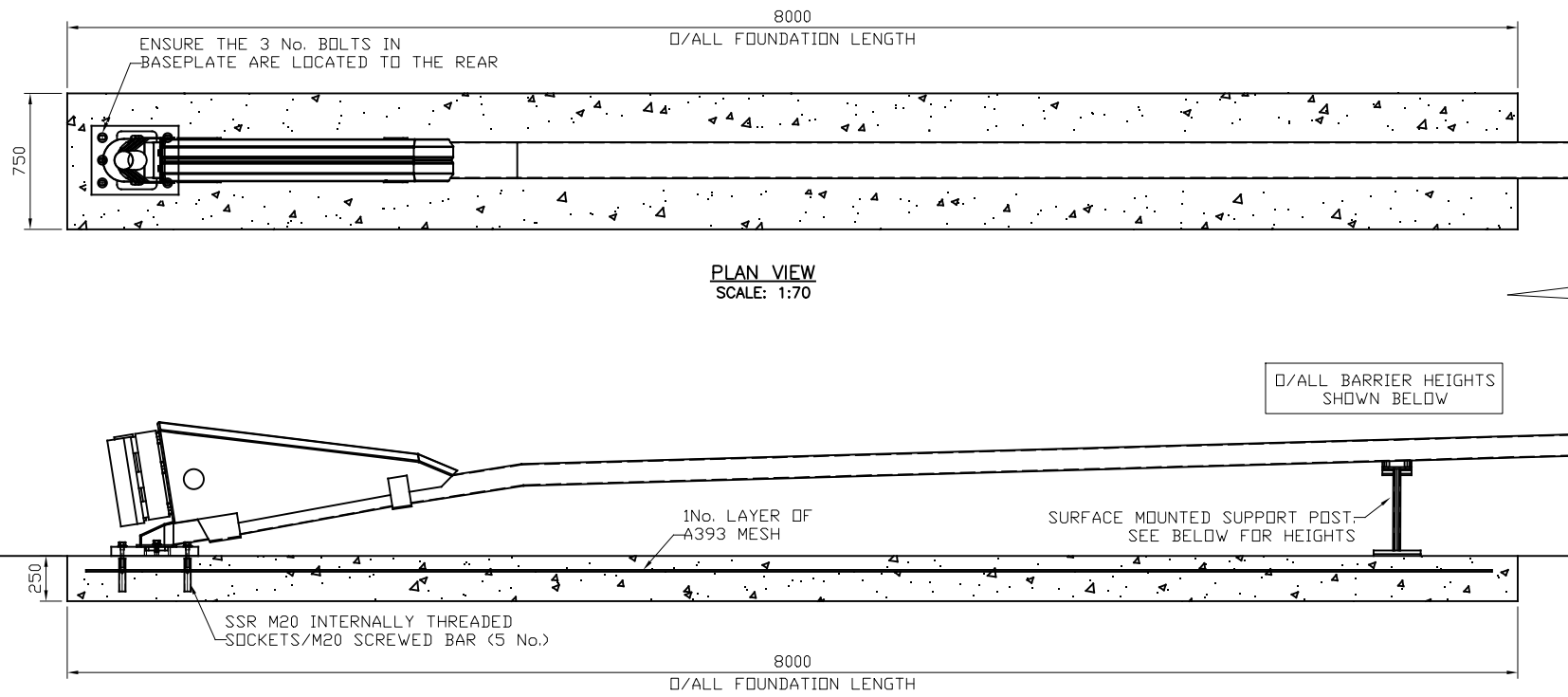
Safe-End P4

TO EN 1317 TESTED VRS
SYSTEMS
GENERAL ARRANGEMENT
& DETAIL

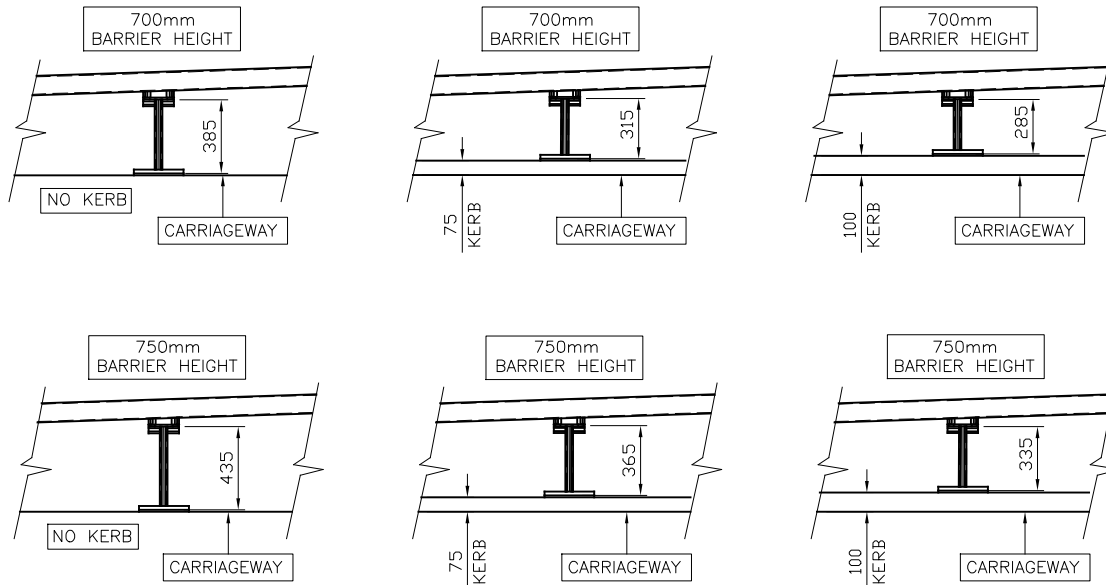


CONCORD HOUSE,
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DRAWING NUMBER:	REVn:
P4-GA-06	03



**ELEVATION ON SURFACE MOUNTED
SAFE-END P4 FOUNDATION DETAIL**
SCALE: 1:70



ALL POSTS TO BE GROUTED
BETWEEN 10-30MM. POST HEIGHTS
BELOW SHOWN WITH 10MM
GROUT BED

SURFACE MOUNTED SUPPORT POST HEIGHTS
BASED ON CONNECTING TO
700mm BARRIER HEIGHT

TEST LOAD FOR
GROUND ANCHORAGES:-80kN

SURFACE MOUNTED SUPPORT POST HEIGHTS
BASED ON CONNECTING TO
750mm BARRIER HEIGHT

- GENERAL NOTES:**
1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. FOR INSTALLATION PROCEDURES REFER TO SAFEROAD MANUAL.
 3. THIS FOUNDATION DETAIL IS APPLICABLE TO THE SURFACE MOUNTED ARRANGEMENT OF SAFE-END P4.
 4. FOUNDATION SIZE: 750mm WIDE x 250mm DEEP x 8000mm LONG.
 5. WHEN POSITIONING THE SURFACE MOUNTED BASEPLATE ENSURE THE ANCHOR BOLT HOLES ARE POSITIONED TO THE REAR OF THE SAFE-END AS SHOWN IN THIS DETAIL.

04	16.05.25	DRAWING UPDATED	H.B
03	19.02.25	DRAWING UPDATED	H.B
02	14.11.23	NOTE ADDED	H.B
01	13.05.22	SURFACE MOUNTED POST BASE CHANGED	A.D
00	17.04.20	DRAWING CREATED	M.T
REVn	DATE	DETAILS	INITIAL

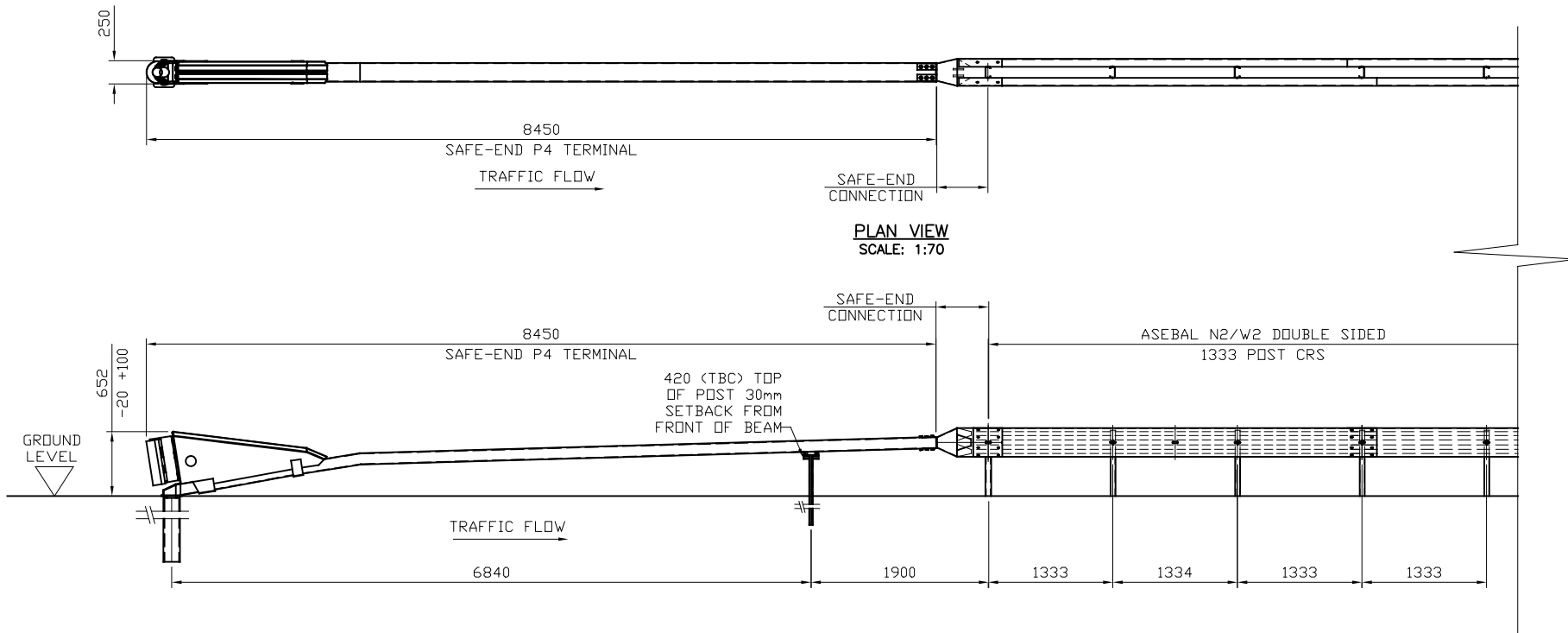
Safe-End P4

FOUNDATION DETAIL FOR
SURFACE MOUNTED SAFE-
END P4

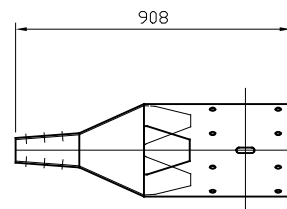
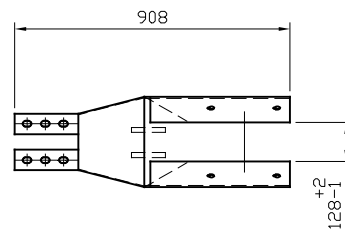


CONCORD HOUSE,
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DRAWING NUMBER:	REVn:
P4-GA-07	04



**ELEVATION ON TRAFFIC FACE OF
CONNECTION TO ASEBAL N2W2 DOUBLE SIDED SYSTEM**
SCALE: 1:70



DETAIL 'C'
(DOUBLE SIDED ASEBAL CONNECTOR)
SCALE: 1:25

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. FOR INSTALLATION PROCEDURES REFER TO SAFEROAD MANUAL.

02	19.02.25	DRAWING UPDATED	H.B
01	16.08.21	POSTS IN PLAN ROTATED	A.D
00	05.01.21	DRAWING CREATED	M.T
REVn	DATE	DETAILS	INITIAL

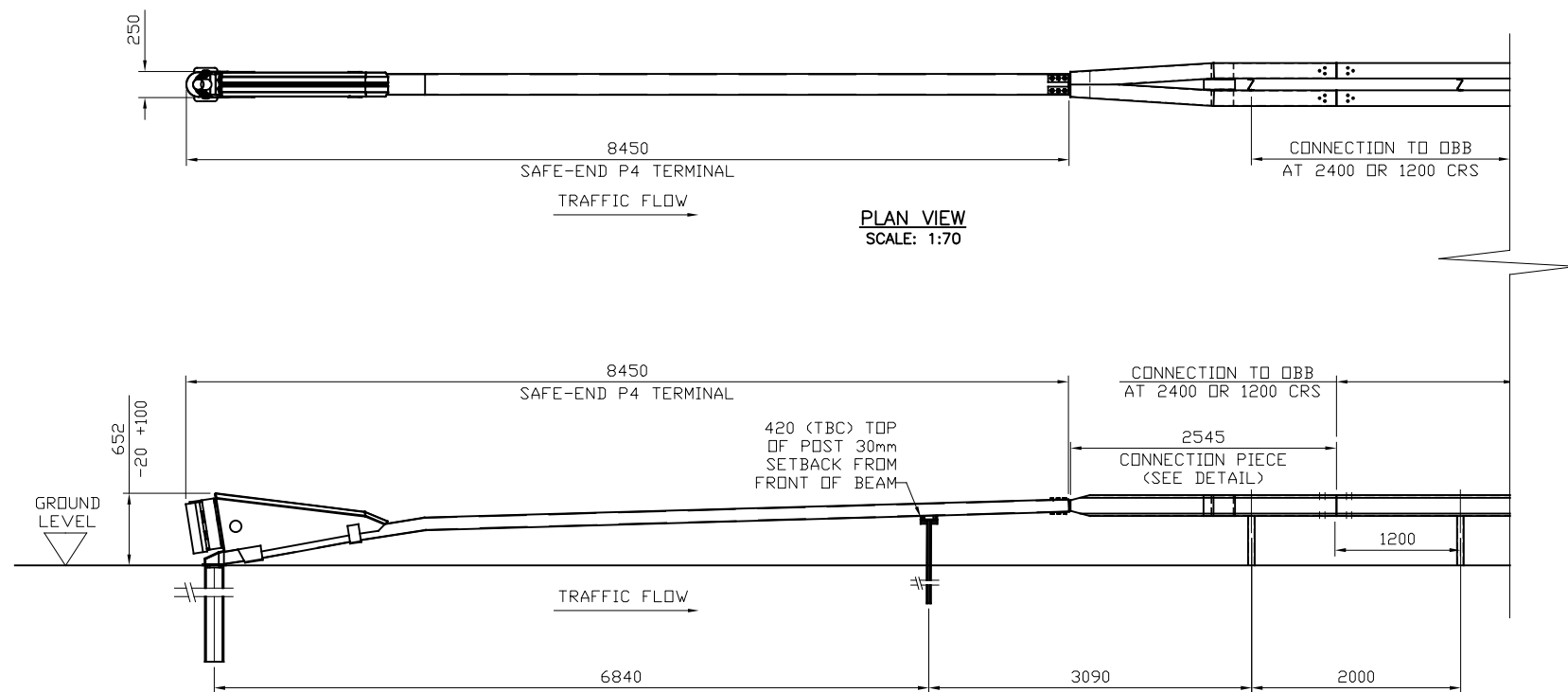
Safe-End P4

TO ASEBAL N2/W2 DOUBLE
SIDED
GENERAL ARRANGEMENT
& DETAIL

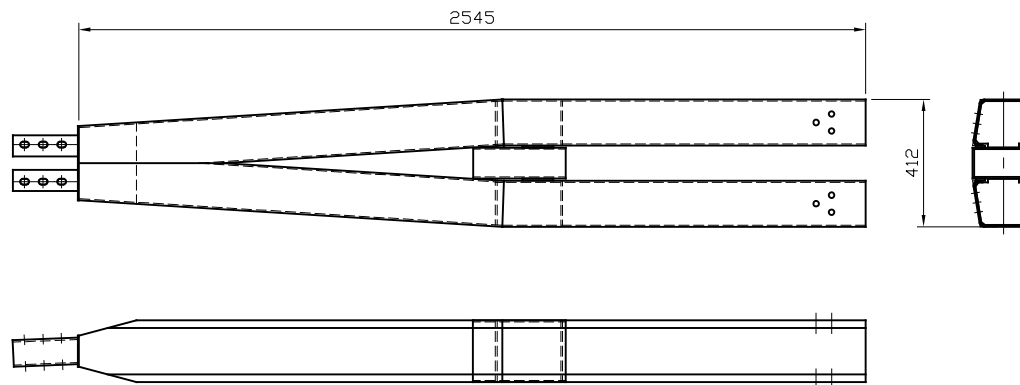


CONCORD HOUSE,
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DRAWING NUMBER:	REVn:
P4-GA-08	02



ELEVATION ON TRAFFIC FACE OF
CONNECTION TO DOUBLE SIDED OBB
SCALE: 1:70



CONNECTION DETAIL
SCALE: 1:25

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. FOR INSTALLATION PROCEDURES REFER TO SAFEROAD MANUAL.

01	19.02.25	DRAWING UPDATED	H.B
00	27.09.22	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

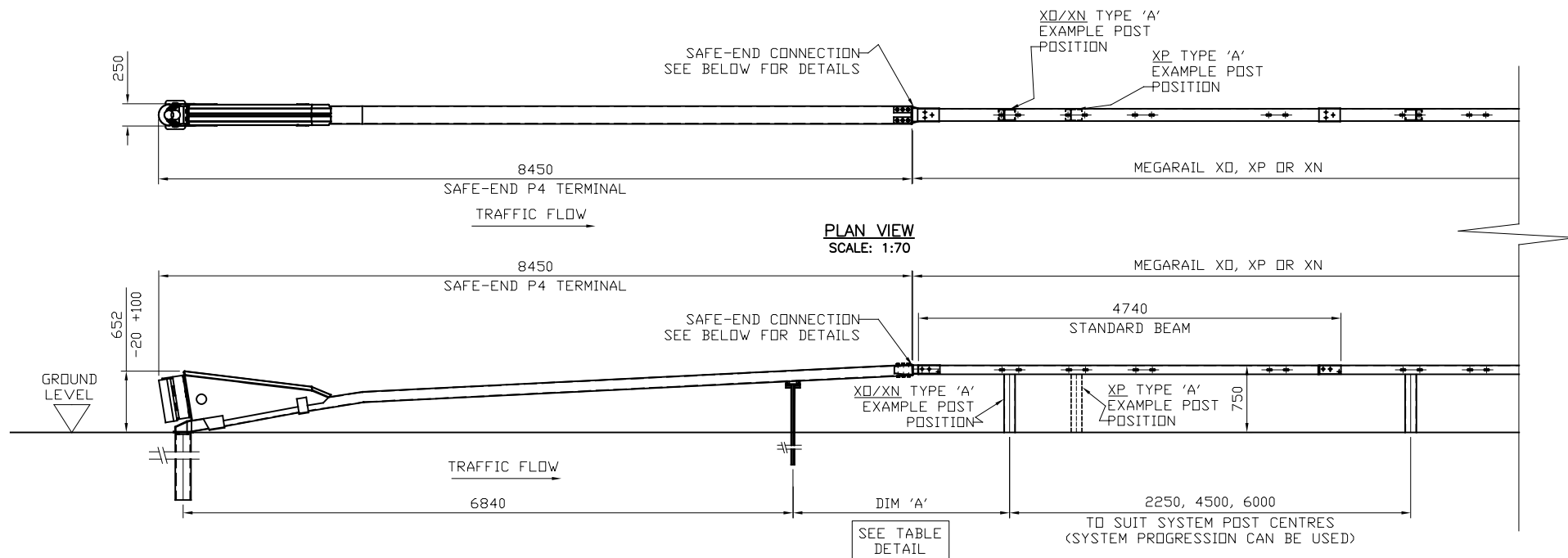
Safe-End P4

TO DOUBLE SIDED OPEN BOX
BEAM (OBB)
GENERAL ARRANGEMENT
& DETAIL



CONCORD HOUSE,
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NORTH LINCOLNSHIRE, DN15 8XE
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FOR TECHNICAL ASSISTANCE CONTACT
e: john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn
P4-GA-09	01



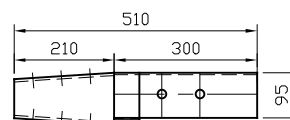
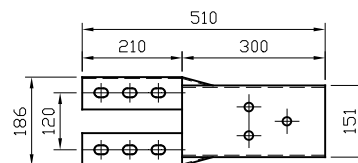
ELEVATION ON TRAFFIC FACE OF
CONNECTION TO MEGARAIL XO, XP OR XN
SCALE: 1:70

MEGARAIL XO & XN ONLY	
CONNECTOR TYPE	DIM 'A'
TYPE 'A'	2450
TYPE 'B'	2115

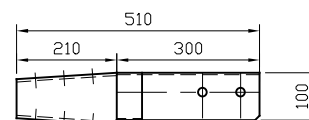
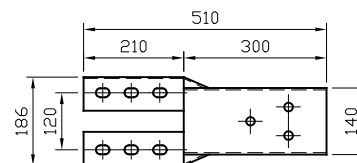
MEGARAIL XP ONLY	
CONNECTOR TYPE	DIM 'A'
TYPE 'A'	3200
TYPE 'B'	2115

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. FOR INSTALLATION PROCEDURES REFER TO SAFEROAD MANUAL
3. FOR DETAILS OF MEGARAIL XO, XP & XN, SEE RELEVANT GA DRAWINGS WITHIN MEGARAIL MANUAL
4. DIMENSION BETWEEN P4 SUPPORT POST & FIRST 'X' SYSTEM POST VARIES DEPEDANT ON CONNECTOR TYPE (DUE TO RAIL ORIENTATION). SEE TABLE FOR FURTHER DETAILS



TYPE 'A'
CONNECTION DETAIL
SCALE: 1:25



TYPE 'B'
CONNECTION DETAIL
SCALE: 1:25

03	16.05.25	DRAWING UPDATED	H.B
02	19.02.25	DRAWING UPDATED	H.B
01	16.05.24	DRAWING UPDATED	H.B
00	03.04.23	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

Safe-End P4

TO MEGARAIL XO, XP OR XN
GENERAL ARRANGEMENT &
DETAIL



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:
P4-GA-10	03