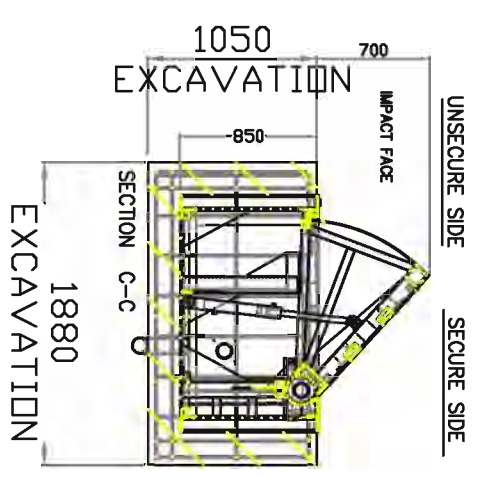
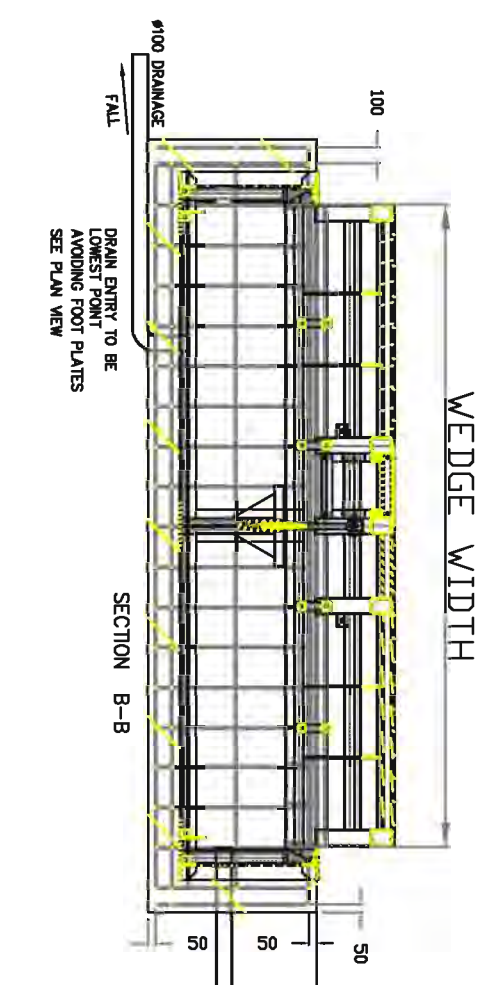
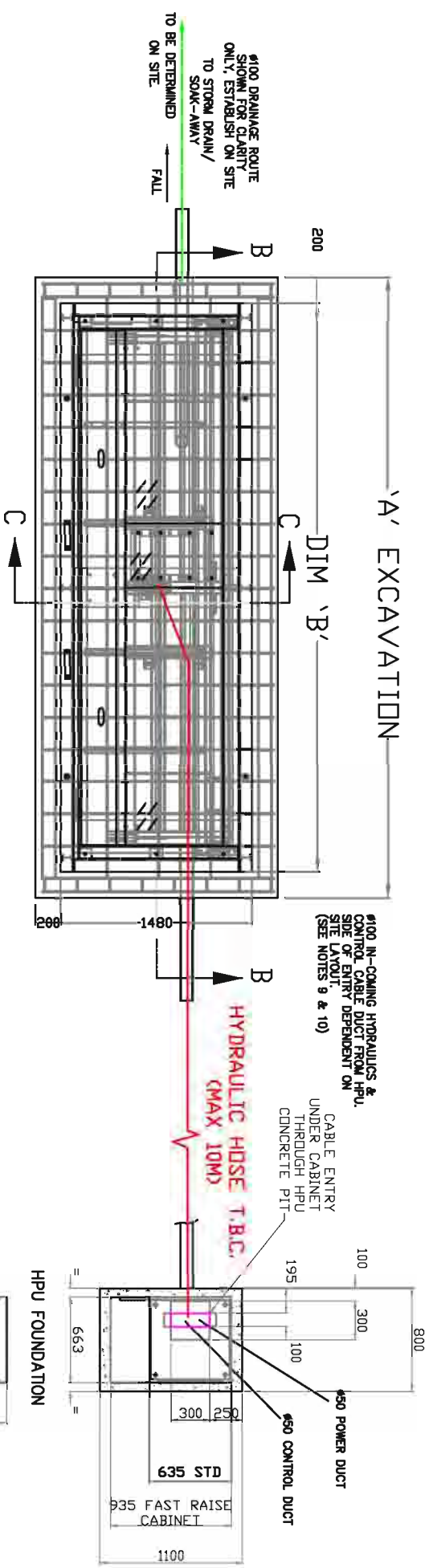


WEDGE WIDTH	DIM 'A'	DIM 'B'
2M	2810	2410
2.5	3310	2910
3M	3810	3410
3.5	4310	3910
4M	4810	4410
4.5	5310	4910
5M	5810	5410

**NOTES:**

1. ALL CONCRETE TO BE GRADE C35 UNLESS OTHERWISE SPECIFIED. AIR-ENTAINED AT SURFACE.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS AND SPECIFICATIONS.
3. REFER TO METHOD STATEMENT AND BLOCKER INSTALLATION MANUALS FOR FURTHER INFORMATION.
4. ALL OTHER INSTALLATION INFORMATION AS PER AVON BARRIER COMPANY INSTALLATION LITERATURE.
5. ALL CONDUIT/DUCTING #50 UNLESS SPECIFIED OTHERWISE.
6. ALL FOUNDATION LEVELS TO BE ESTABLISHED FROM FULL SITE SURVEY PRIOR TO COMMENCEMENT OF WORKS.
7. DRAINAGE TO BE IN ACCORDANCE WITH PREVAILING PROCEDURES AND INSTALLED TO INTERCEPT SOAKAWAY AS DIMENSIONED. SCUMPER TO BE POSITION AT LOWEST POINT.
8. ALL DUCTS TO BE CONSTRUCTED WITH DRAW ROPES.
9. ALL DUCTS TO BE A MIN. OF 500mm BELOW FINISHED ROAD SURFACE UNLESS OTHERWISE SPECIFIED AND MUST HAVE SMOOTH BENDS.
10. FOUNDATION TOP TO BE SLIGHTLY PROUD TO ALLOW 'RAIN-OFF'.
11. CONCRETE THICKNESS TO BE 800mm.
12. BLOCKER IMPACT FACE TO BE FINISH UNSECURE SIDE.
13. WHERE EXISTING DRAINS / SERVICE DUCTS RUN BENEATH FOUNDATIONS SUITABLE PRECAUTIONS MUST BE TAKEN TO AVOID DAMAGE.
14. HPU POWER SUPPLY 3P\* 415V AC 50HZ 16AMP.
15. HOSE SPECIFICATION SAE 100R2 AT 3/8" DOUBLE BRAIDED.



**AVON BARRIER**  
 Avon Barrier Company Ltd.  
 Honey House  
 165 South Liberty Lane  
 Melton Vale Trading Estate  
 Street SS3 2AD  
 Tel: (44) (0)1773 853 5552  
 Fax: (44) (0)1773 853 5573  
 E-mail: sales@avonbarrier.com

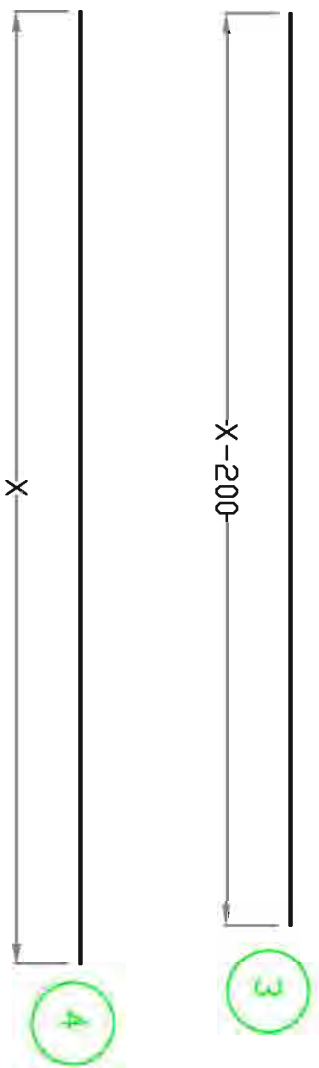
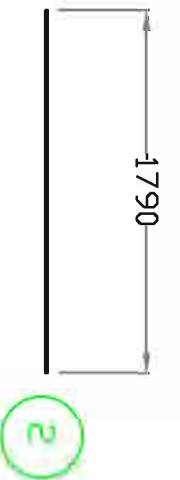
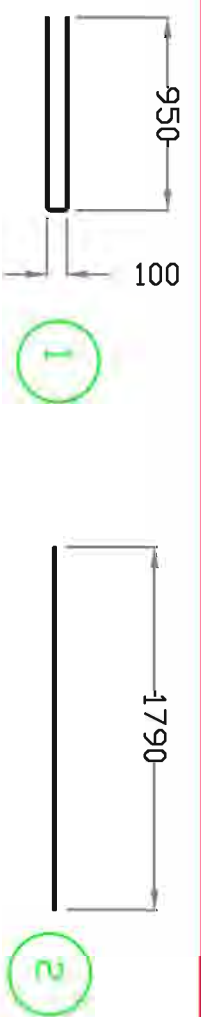
RB700  
ROAD BLOCKER  
GENERAL/FOUNDATION DETAILS

REV	DATE	BY	CHKD	DESCRIPTION
D	7/30/11	M.J.		700 WAS 980
C	25/2/10	M.J.		WORDS ADDED
B	27/5/09	M.J.		DUCTS & HPU ADDED
A				ISSUE

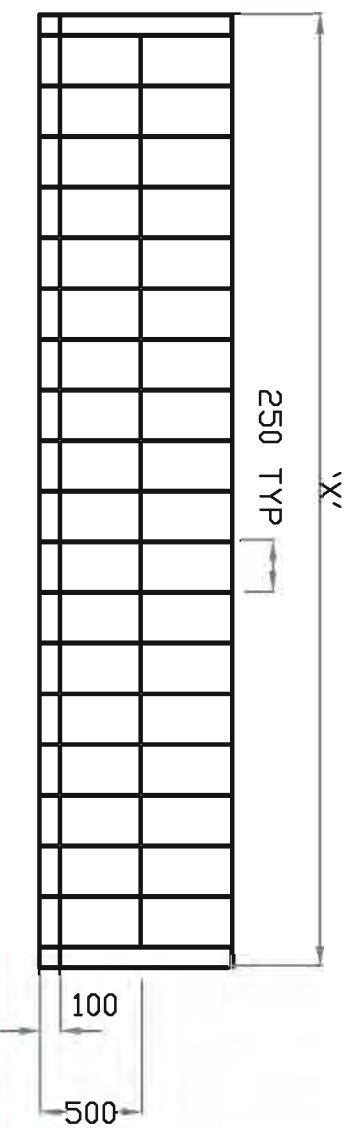
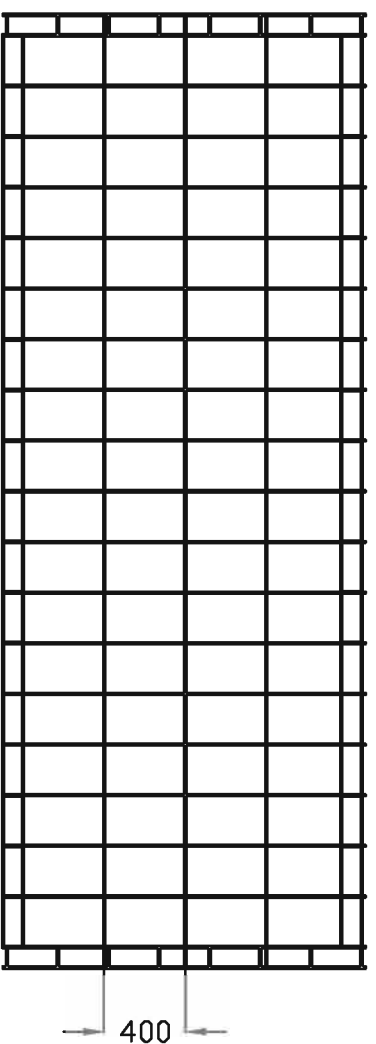
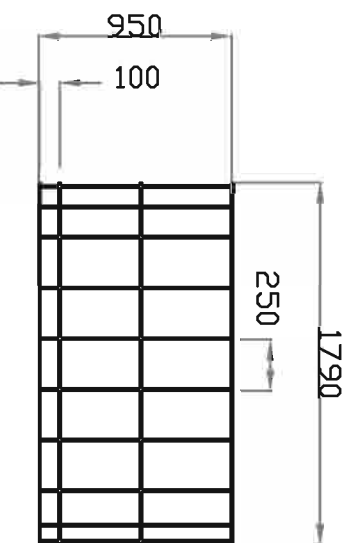
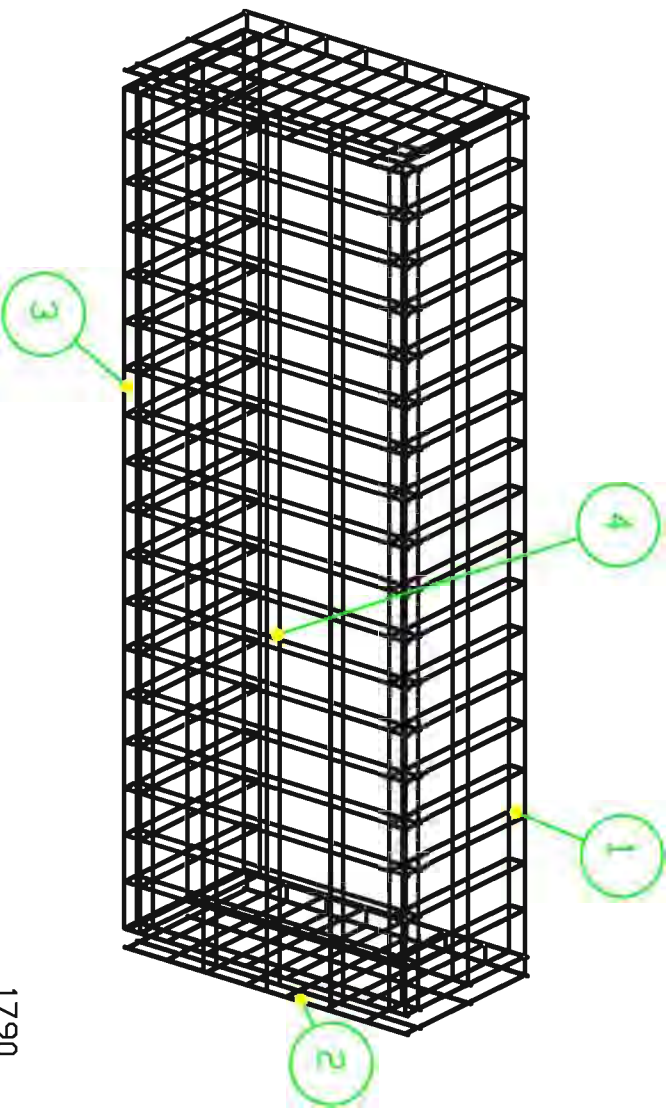
IF IN DOUBT ASK  
 COMPUTER GENERATED  
 DO NOT ALTER BY HAND

REV	DATE	BY	CHKD	DESCRIPTION
1		M.J.		5/09 INTS
1				RB700-101
0				

AT ENGINEERING BLANK © COPYRIGHT OF THE AVON BARRIER COMPANY LTD.



BLOCKER WIDTH		DIM 'X'
2M	2700	
2.5	3200	
3M	3700	
3.5	4200	
4M	4700	
4.5	5200	
5M	5700	



ITEM	SIZE	QUANTITY	SHAPE	LENGTH	A	B	C
4M							
4	T12	6	00	4700	4700		
3	T12	16	00	4500	4500		
2	T12	50	00	1790	1790		
1	T12	54	21	1960	950	100	

ITEM	SIZE	QUANTITY	SHAPE	LENGTH	A	B	C
3M							
4	T12	6	00	4700	3700		
3	T12	16	00	4500	3500		
2	T12	42	00	1790	1790		
1	T12	46	21	1960	950	100	



RB700  
REBAR  
SCHEDULE

REV	DESCRIPTION	DATE	SIG
B	3M ADDED	25/2/10	M.J.
A	NEW	27/5/09	M.J.
ISSUE	REVISION	DATE	SIG

±2mm

RB700\_102

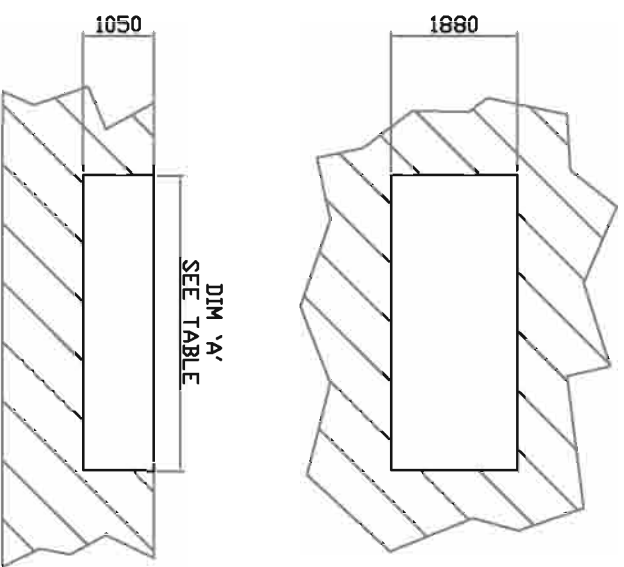
IF IN DOUBT ASK  
COMPUTER GENERATED  
DO NOT ALTER BY HAND

SEE TABLE

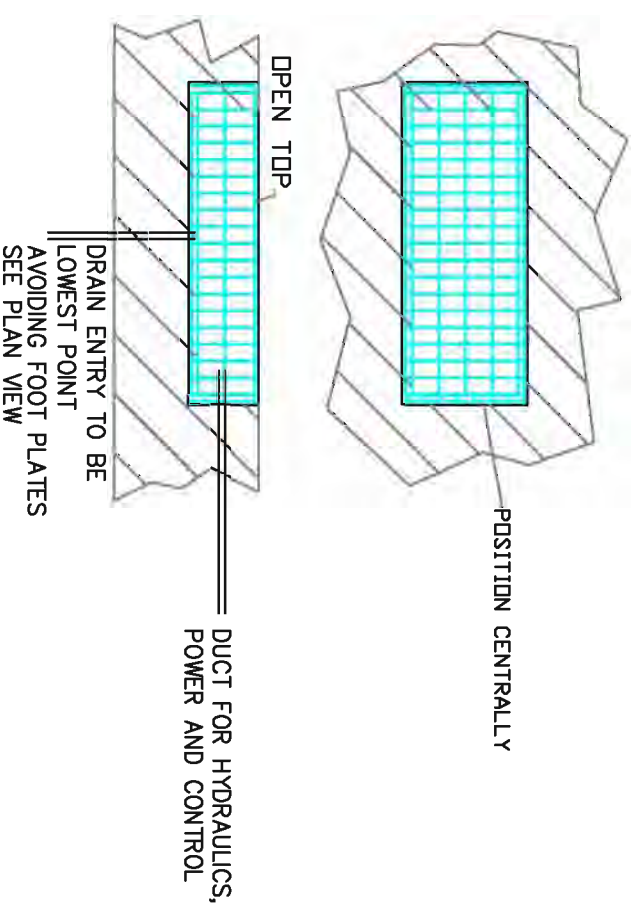
NONE

1 1 B

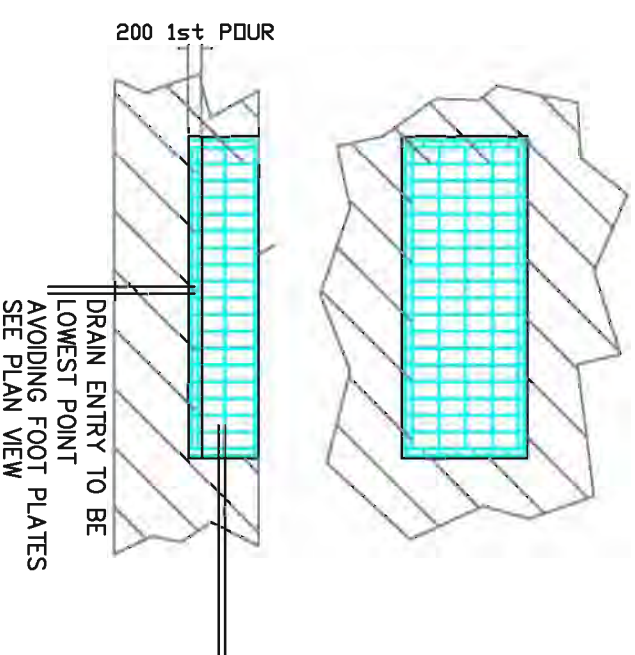
STAGE 1  
EXCAVATE TO THE SIZES SHOWN  
ON FOUNDATION DRAWING  
RB700-101  
COMPACT AND LEVEL BASE.



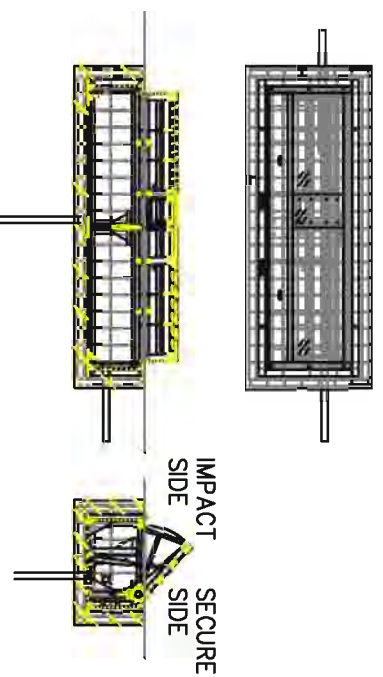
STAGE 2  
PLACE REBAR CAGE INTO POSITION,  
BRING DUCT AND DRAINAGE  
TO THE CORRECT POSITIONS  
SEE REBAR DRAWING 700-102



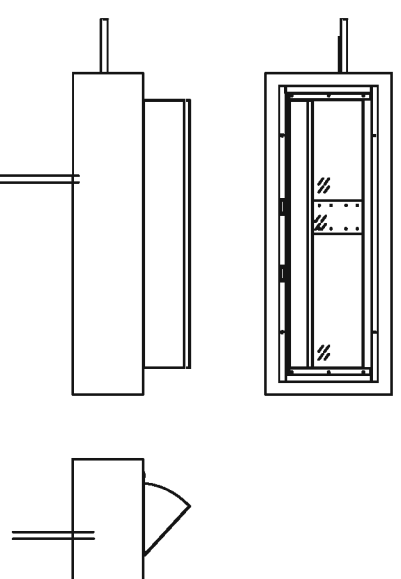
STAGE 3  
FIRST POUR, ENSURE IT IS AT THE  
CORRECT DEPTH FROM FINISHED  
FLOOR LEVEL, TAMP TO REMOVE AIR BUBBLES,  
TROWEL TO A FLAT AND LEVEL FINISH TO SUIT  
CAMBER OF ROAD.



STAGE 4  
ORIENTATE BLOCKER WITH THE FRONT OF  
WEDGE FACING THE REQUIRED DIRECTION.  
(CURVED FACE TO INSECURE / IMPACT SIDE)  
ENSURE THE BLOCKER IS SITTING FLAT AND LEVEL  
AND THAT IT IS PARALLEL TO THE ROAD.  
SECURE USING 6 OFF CHEMICAL ANCHORS.



STAGE 5  
TERMINATE DUCTING INTO BLOCKER AND SEAL OFF.  
POUR CONCRETE AROUND BLOCKER UP TO THE  
UNDERSIDE OF THE TOP FRAME ANGLE  
ENSURE BLOCKER DOES NOT MOVE DURING SECOND POUR.



NOTES  
DRAWING MUST BE READ  
IN CONJUNCTION WITH  
RB700-101  
(FOUNDATION DRAWING)  
AND  
RB700-102 (REBAR DRAWING)

WEDGE WIDTH	DIM 'A'
2M	2410
2.5	2910
3M	3410
3.5	3910
4M	4410
4.5	4910
5M	5410

B DIM A ADDED M.J. 25/2/10

A REFERENCE M.J. 1/6/09

3rd ANGLE PROJECTION

COMPUTER GENERATED DO NOT ALTER BY HAND

IF IN DOUBT ASK

INSTALLATION  
SEQUENCE  
FOR RB700  
ROAD BLOCKERS



A1 ENGINEERING BLANK © COPYRIGHT OF THE AVON BARRIER COMPANY LTD.

Rev	Description	Date	By	Check
1	Issue for production	10/09/09	M.J.	
2	Revised drawing	25/02/10	M.J.	