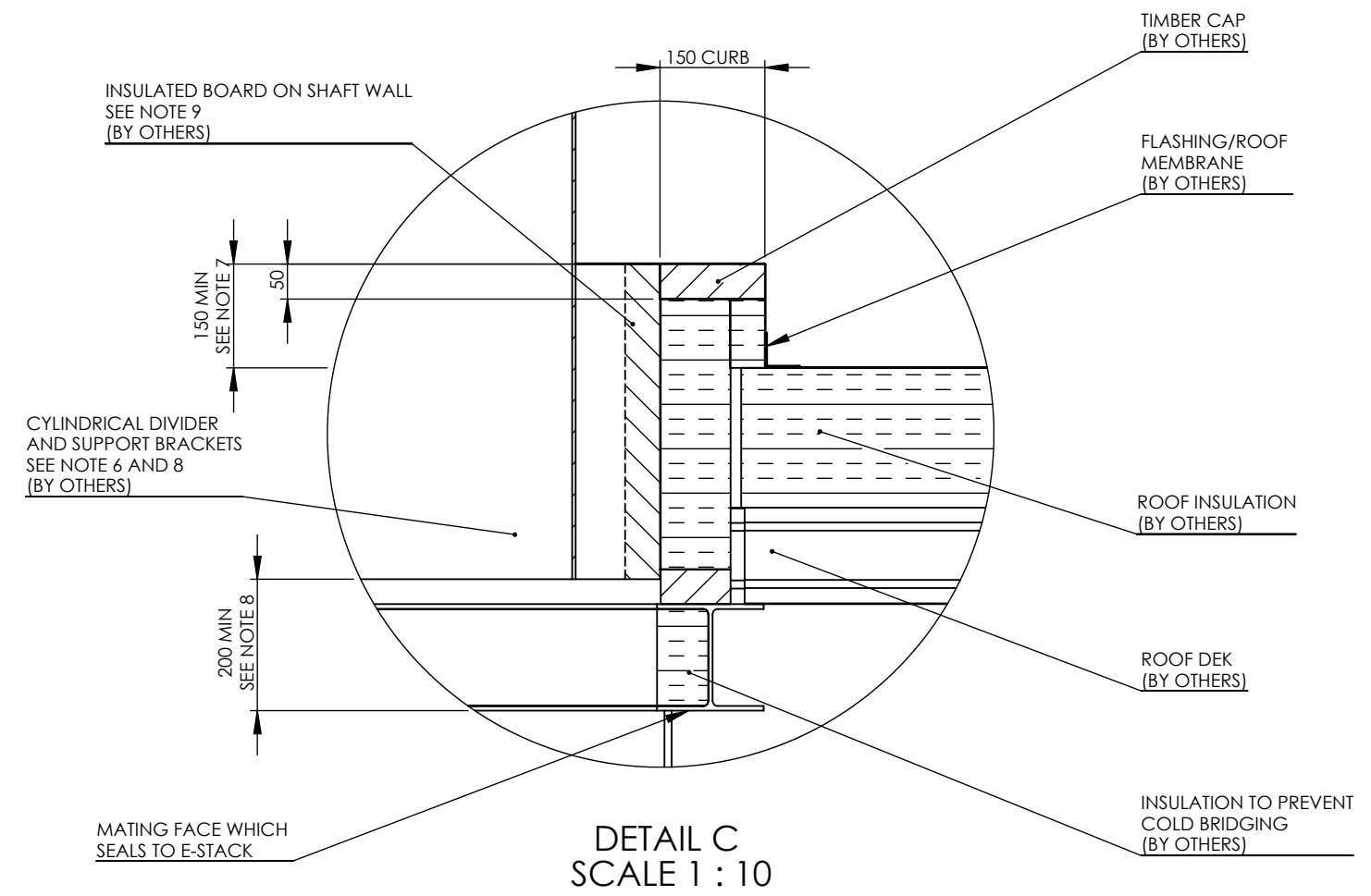
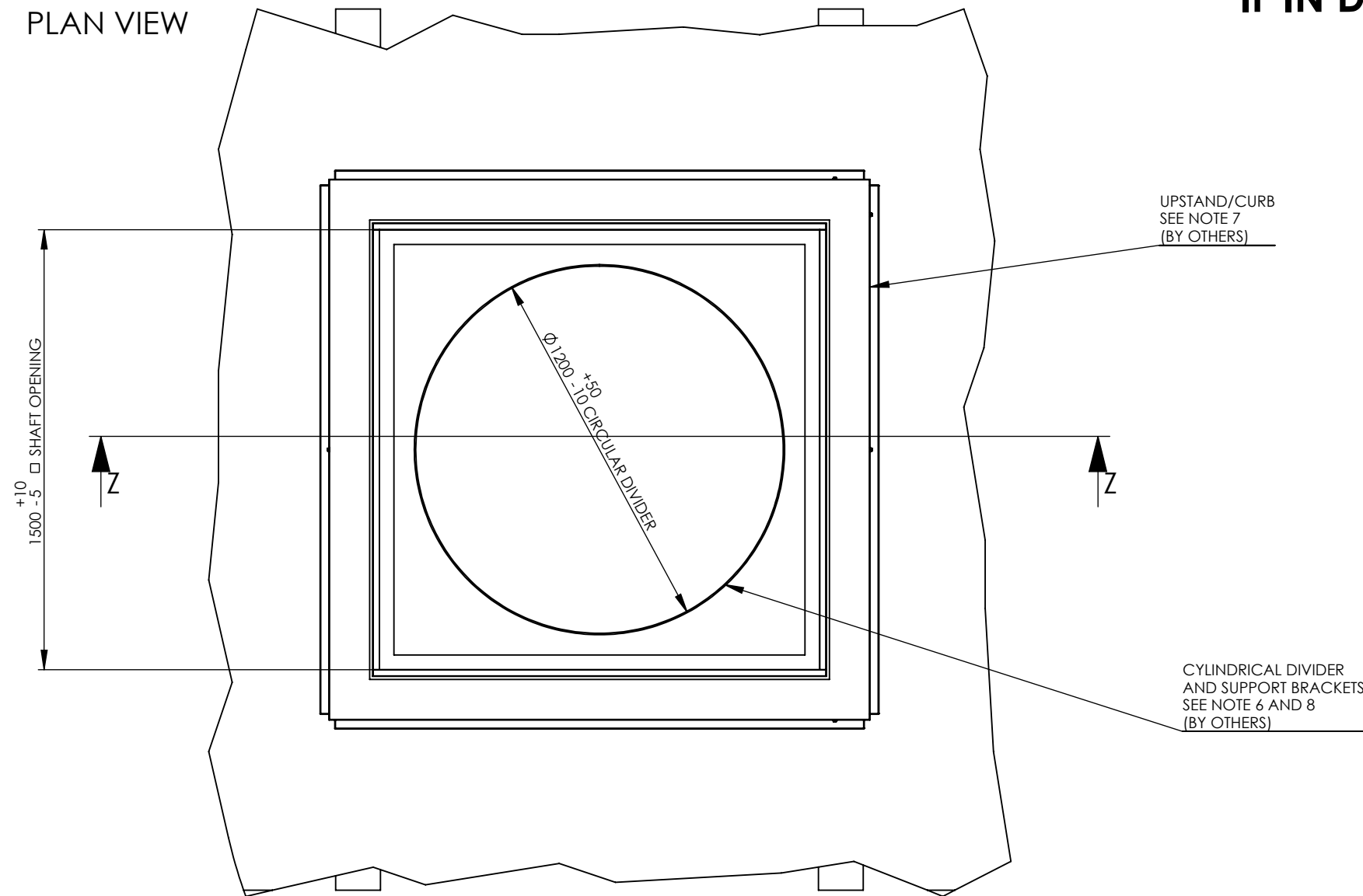
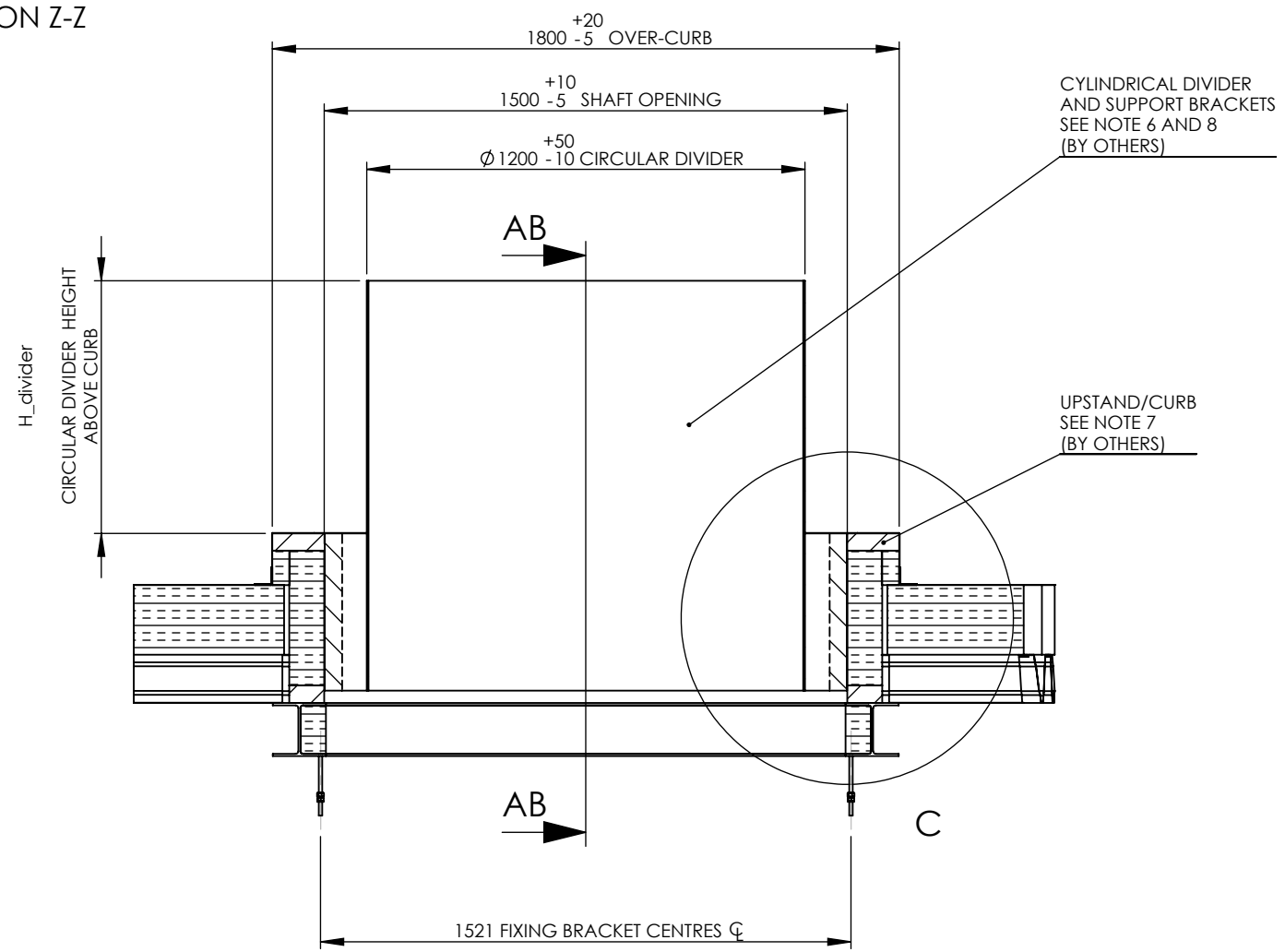


IF IN DOUBT ASK

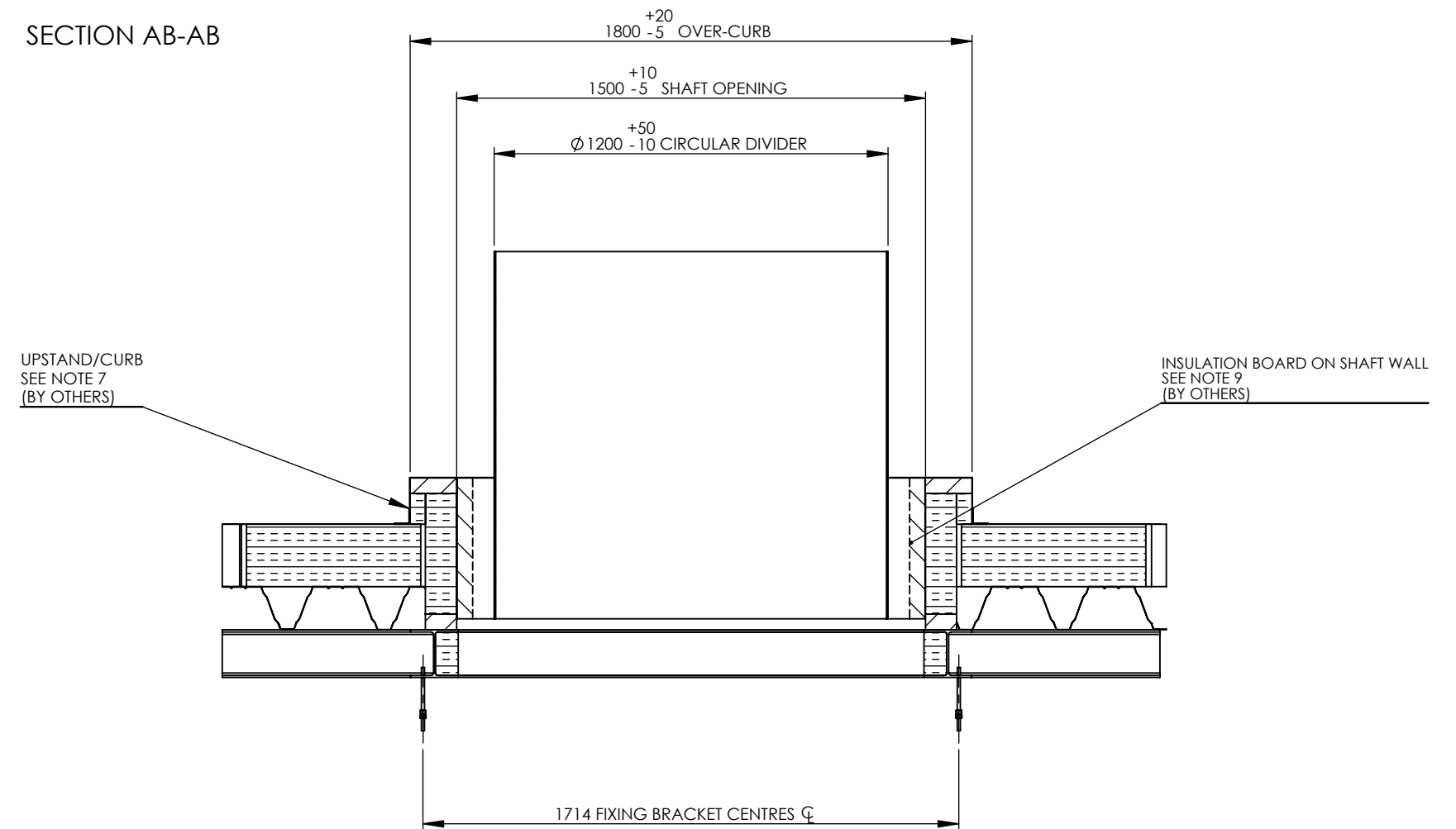
PLAN VIEW



SECTION Z-Z



SECTION AB-AB



NOTES:

1. TYPICAL SHAFT AND CURB INTERFACES ON A STEEL PROFILE ROOF.
2. THE SIZING AND DETAILED DESIGN OF THE LOAD-BEARING SUPPORTS MUST BE SPECIFIED AND SIGNED OFF BY THE STRUCTURAL ENGINEER FOR THE PROJECT.
3. ROOF PROFILES AND STRUCTURE ARE INDICATIVE
4. SHAFT TO BE INSULATED.
5. CYLINDRICAL DIVIDER MATERIAL TYPICALLY GALV. STEEL BUT OTHER MATERIALS MAY BE USED - DOES NOT NEED TO BE INSULATED.
6. CYLINDRICAL DIVIDER TYPICALLY ROLLED FROM SHEET OF 48 INCH SPIRAL DUCTWORK.
7. MINIMUM HEIGHT 150MM OF CURB TO MINIMISE RAIN BOUNCE-BACK FROM ROOF.
8. MINIMUM HEIGHT OF CIRCULAR DIVIDER ABOVE CURB. DIVIDER CANNOT BE SUPPORTED ON TOP OF E-STACK.
9. IF CONSTRUCTION OF SHAFT WALL DOES NOT INCLUDE INSULATION, THEN TO PREVENT COLD BRIDGING, ROOF INSULATION MUST BE JOINED TO NEAR E-STACK DAMPER. THIS CAN BE ACHIEVED USING INSULATION BOARD TYPICALLY 50MM THICK TO INTERIOR FACE OF SHAFT.

CIRCULAR DIVIDER HEIGHT ABOVE CURB FOR DIFFERENT MODEL ROOF TERMINATIONS

ID	LOUVRE TYPE	H_divider	H_louvre SEE SHEET 2	H_upstand SEE SHEET 2
G	W60C2	600	1000	1147
H		725	1250	1397
I	W60C3	600	1000	1147
J		725	1250	1397



DEBUR AND BREAK SHARP EDGES AND HOLES. ITEM MUST BE FREE FROM SCRATCHES, DENTS AND OTHER BLEMISHES
MATERIAL: N/A
FINISH: N/A

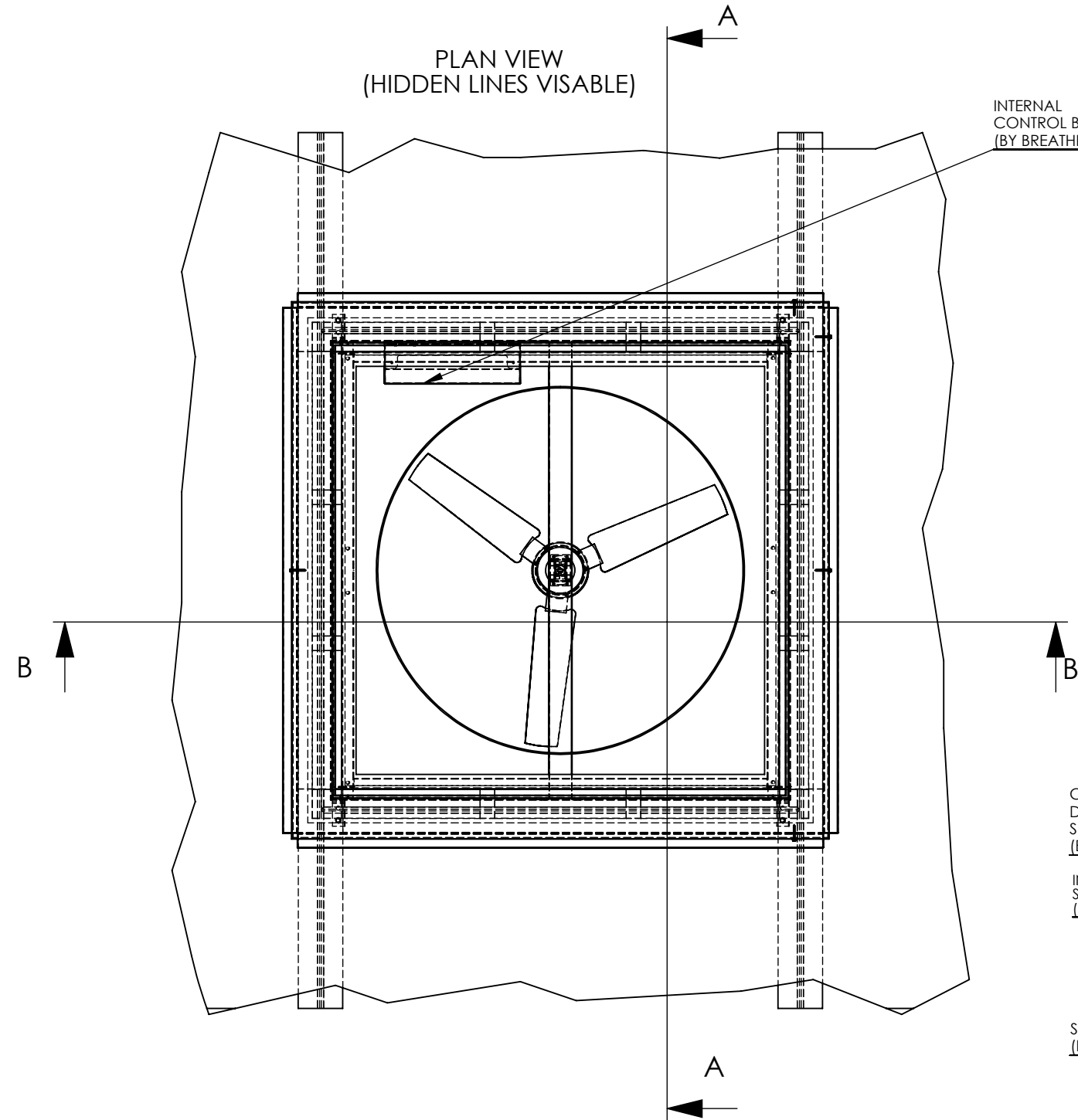
TITLE: S1500 LOUVRE ROOF TERMINAL WITH S1500 CLASSIC E-STACK UNIT ON A STEEL PROFILE ROOF

	NAME	SIGNATURE	DATE
DRAWN	CC		14/05/2013
CHECKED	DP		14/05/2013
APPROVED			
MFG			
Q.A			

Tolerances unless otherwise stated
xxx = +/- 0.05
x = +/- 0.5
angles +/- 0.5°
Surface texture to be umRa or better
Dimension in mm
Third Angle Projection

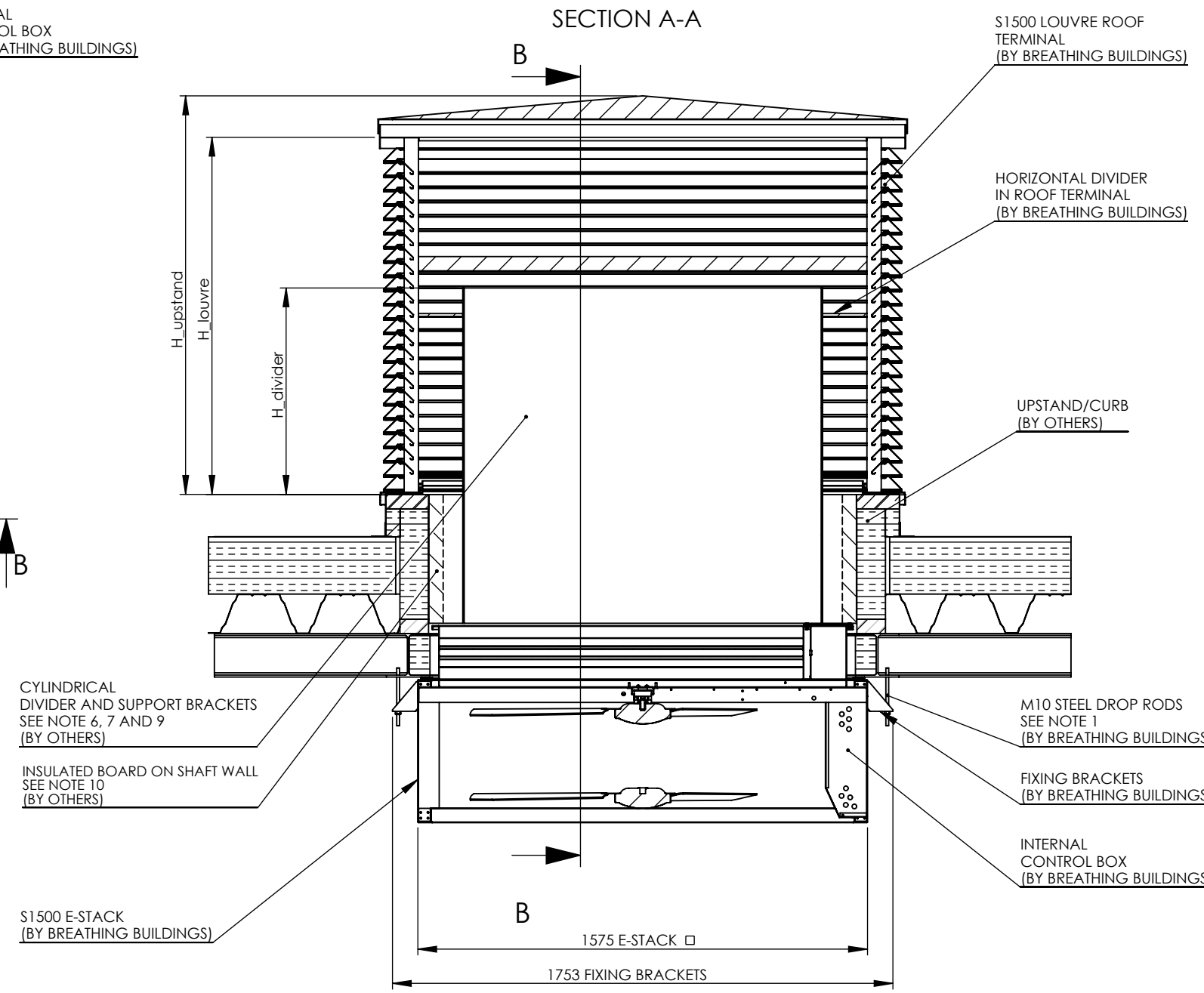
DWG NO.	1318_9101_01	Revision	1
A2	SCALE 1:20	SHEET 1 OF 3	

PLAN VIEW
(HIDDEN LINES VISABLE)

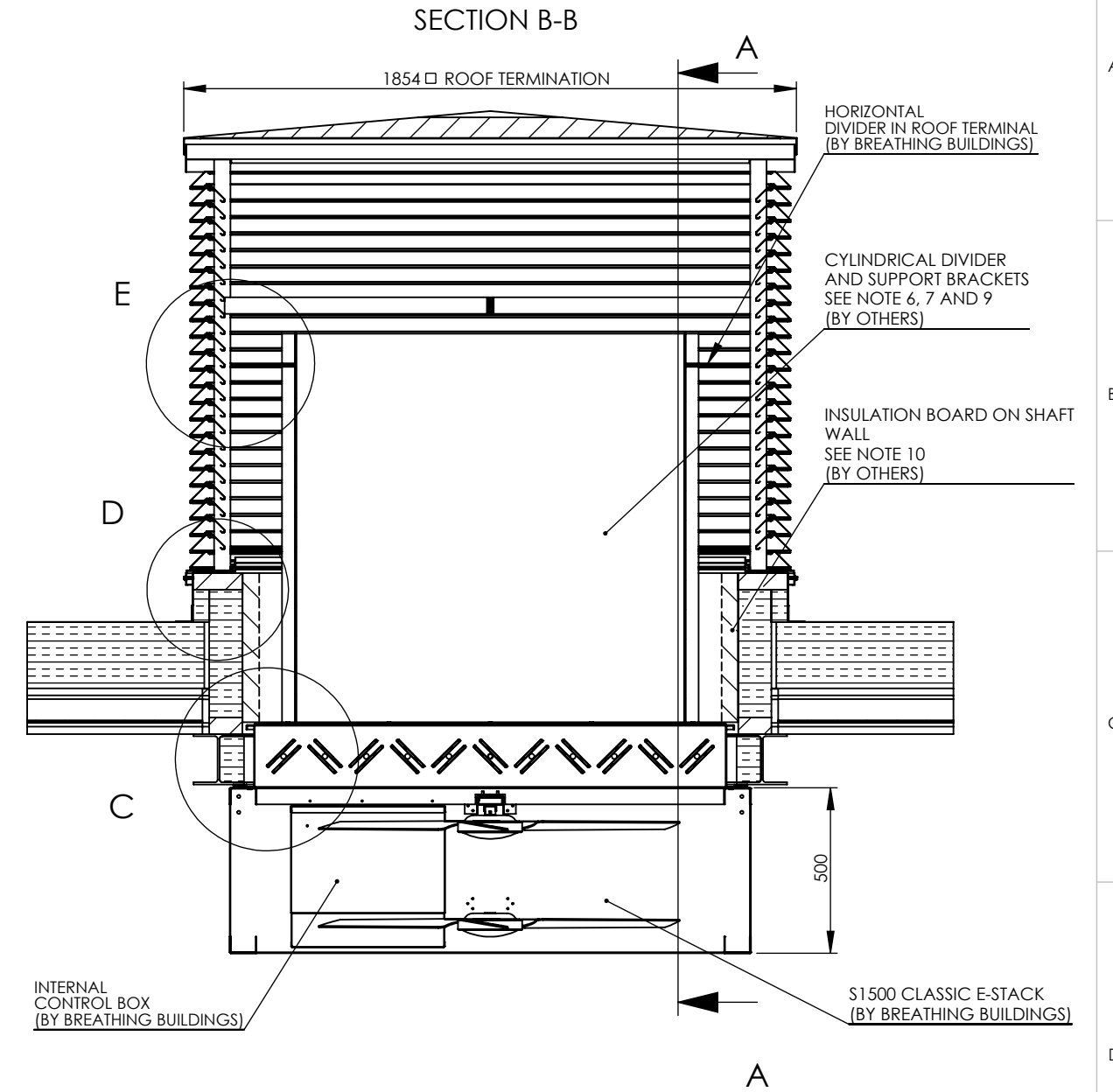


IF IN DOUBT ASK

SECTION A-A

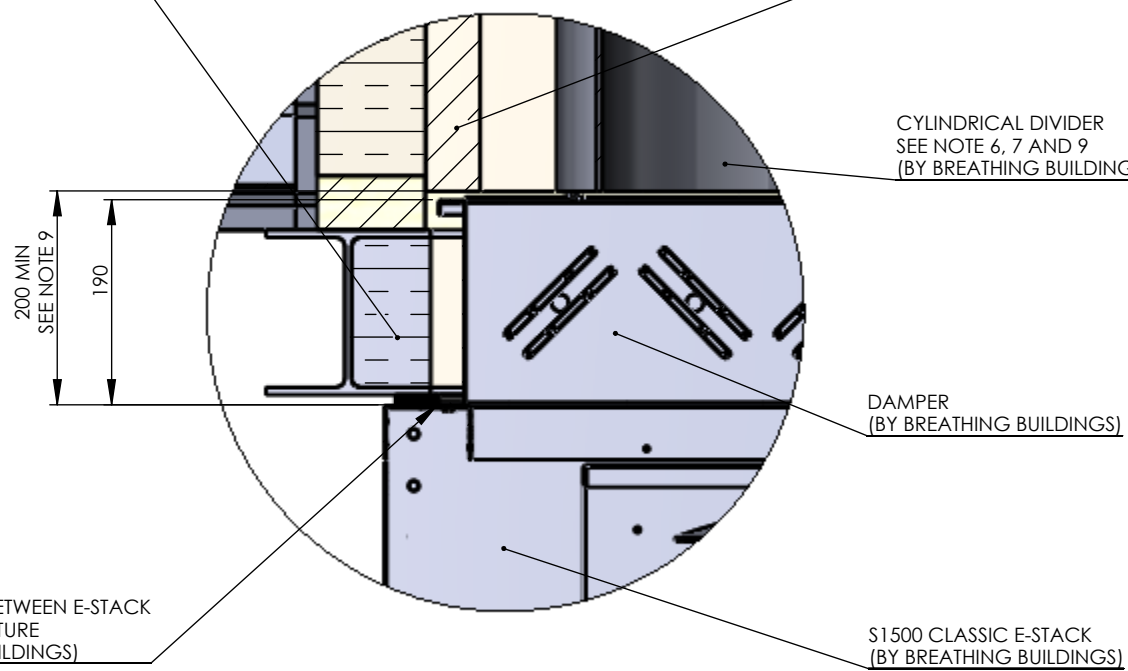


SECTION B-B



INSULATION TO PREVENT COLD BRIDGING (BY OTHERS)

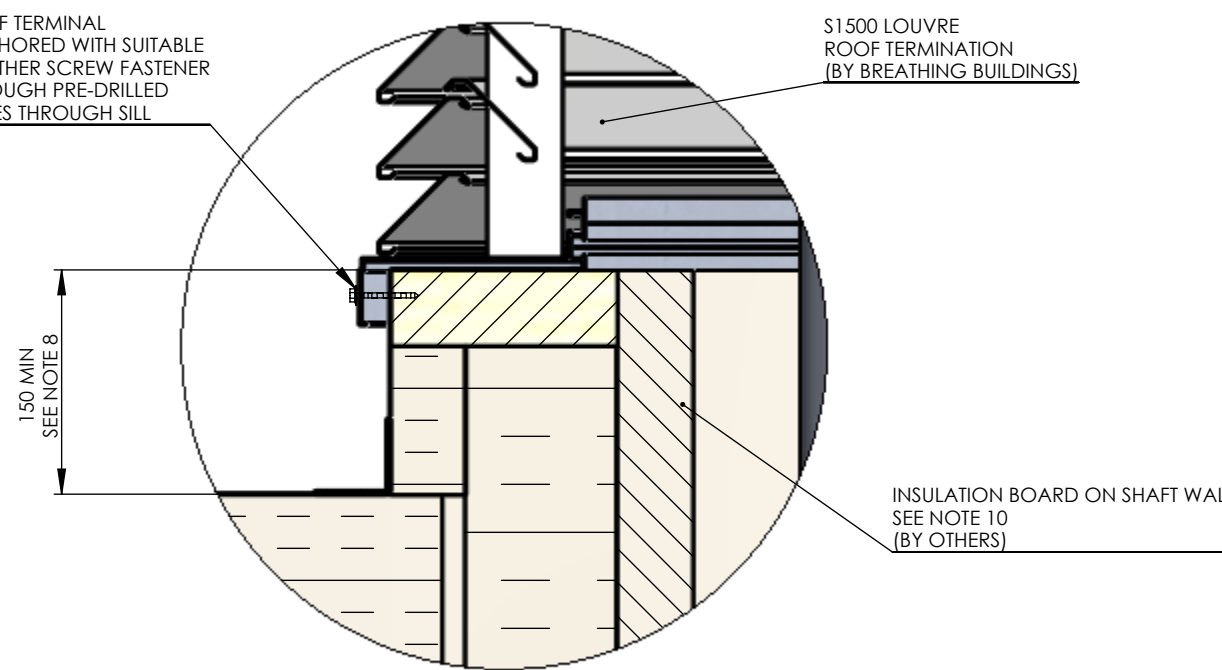
INSULATION BOARD ON SHAFT WALL SEE NOTE (BY OTHERS)



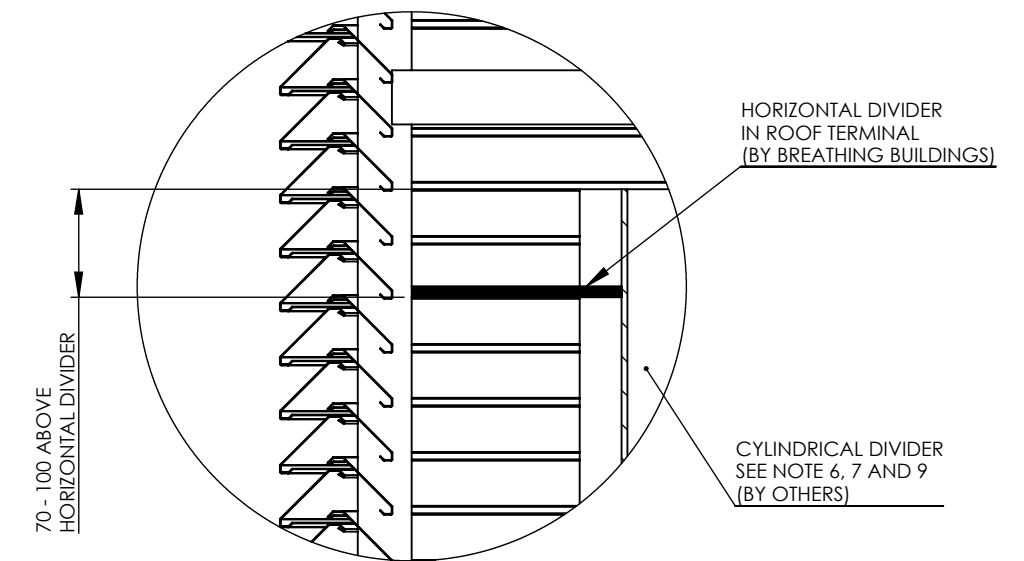
BASE OF SHAFT
DETAIL C
SCALE 1 : 7

ROOF TERMINAL ANCHORED WITH SUITABLE WEATHER SCREW FASTENER THROUGH PRE-DRILLED HOLES THROUGH SILL

S1500 LOUVRE ROOF TERMINATION (BY BREATHING BUILDINGS)



TOP OF CURB
DETAIL D
SCALE 1 : 5



ROOF TERMINAL
DETAIL E
SCALE 1 : 7

NOTES:

- E-STACK POSITIONED WITH M10 STEEL DROP-RODS THROUGH FIXING BRACKETS. ALTERNATIVELY, MOUNT USING UNI-STRUT CRADLE (BY OTHERS).
- THE SIZING AND DETAILED DESIGN OF THE LOAD-BEARING SUPPORTS MUST BE SPECIFIED AND SIGNED OFF BY THE STRUCTURAL ENGINEER FOR THE PROJECT.
- E-STACK SUPPLIED WITH FIXING BRACKETS.
- ROOF PROFILES AND STRUCTURE ARE INDICATIVE
- SHAFT TO BE INSULATED.
- CYLINDRICAL DIVIDER MATERIAL TYPICALLY GALV. STEEL BUT OTHER MATERIALS MAY BE USED. DOES NOT NEED TO BE INSULATED.
- CYLINDRICAL DIVIDER TYPICALLY ROLLED FROM SHEET OF 48 INCH SPIRAL DUCTWORK.
- MINIMUM HEIGHT OF CURB TO MINIMISE RAIN BOUNCE-BACK FROM ROOF.
- MINIMUM HEIGHT OF CIRCULAR DIVIDER ABOVE DAMPER. DIVIDER CANNOT BE SUPPORTED ON TOP OF E-STACK.
- IF CONSTRUCTION OF SHAFT WALL DOES NOT INCLUDE INSULATION, THEN TO PREVENT COLD BRIDGING, ROOF INSULATION MUST BE JOINED TO NEAR E-STACK DAMPER. THIS CAN BE ACHIEVED USING INSULATION BOARD TYPICALLY 50MM THICK TO INTERIOR FACE OF SHAFT.

CIRCULAR DIVIDER HEIGHT ABOVE CURB FOR DIFFERENT MODEL ROOF TERMINATIONS

ID	LOUVRE TYPE	H_divider	H_louvre	H_upstand
G	W60C2	600	1000	1147
H		725	1250	1397
I	W60C3	600	1000	1147
J		725	1250	1397



DEBUR AND BREAK SHARP EDGES AND HOLES. ITEM MUST BE FREE FROM SCRATCHES, DENTS AND OTHER BLEMISHES
MATERIAL: N/A
FINISH: N/A

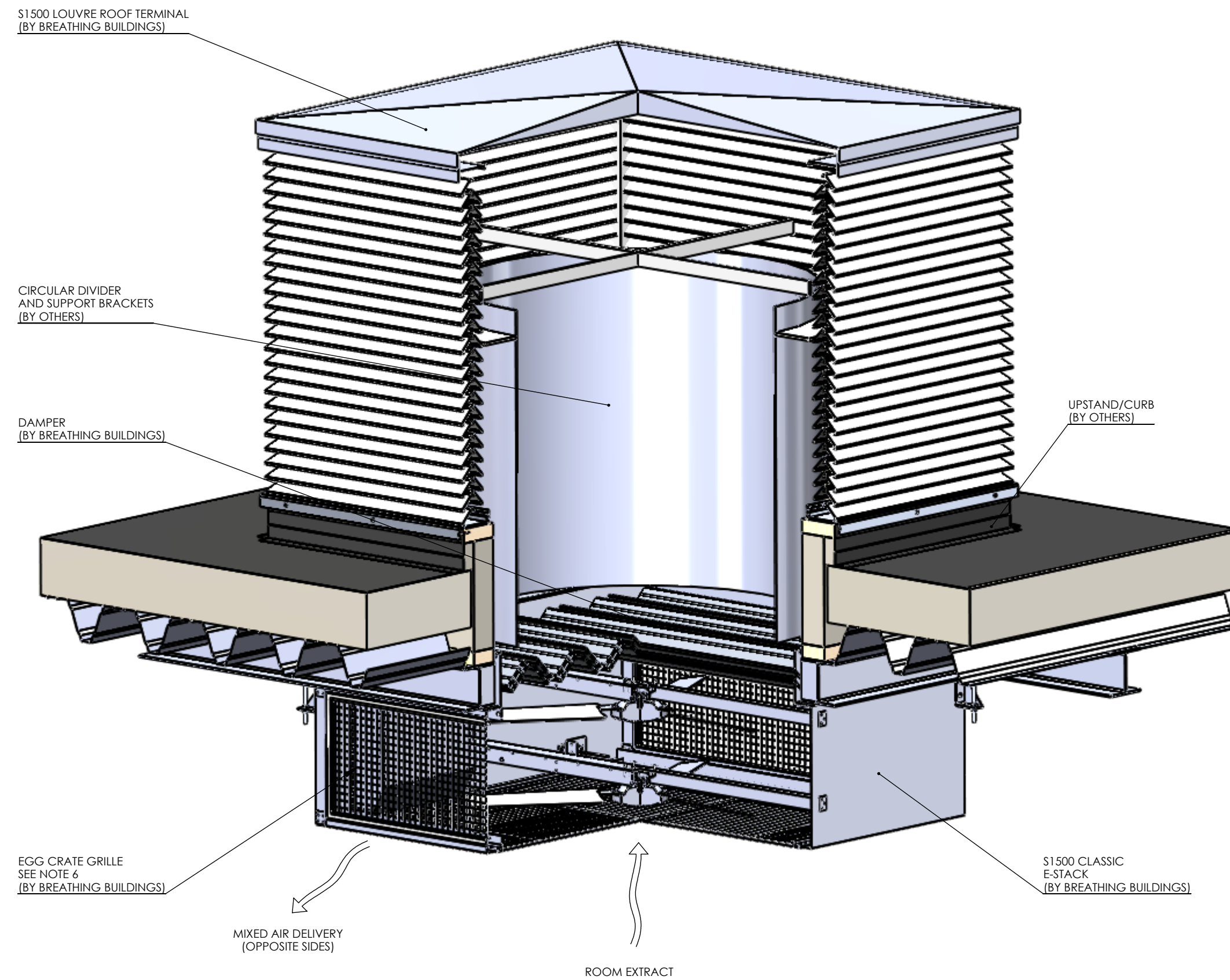
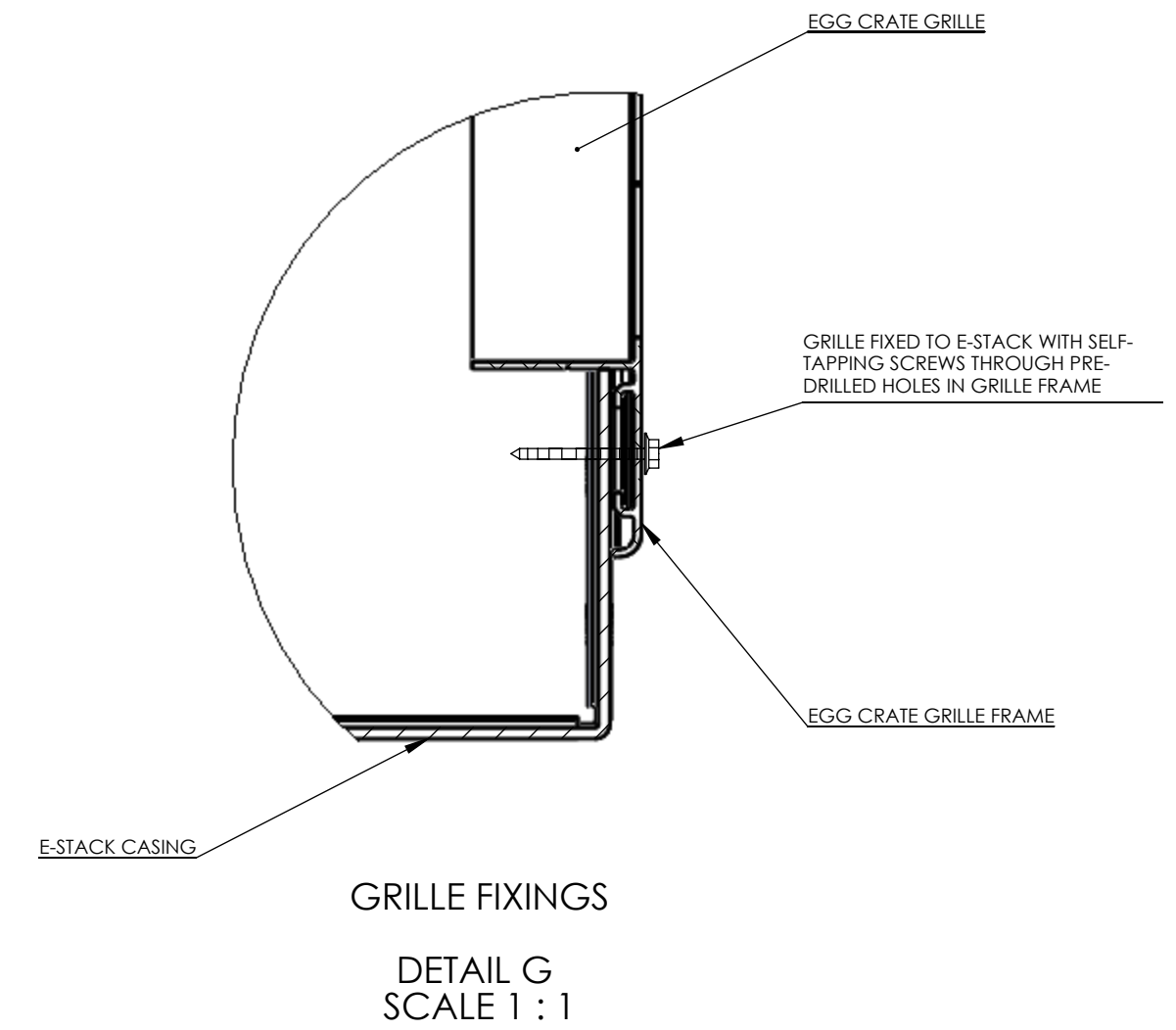
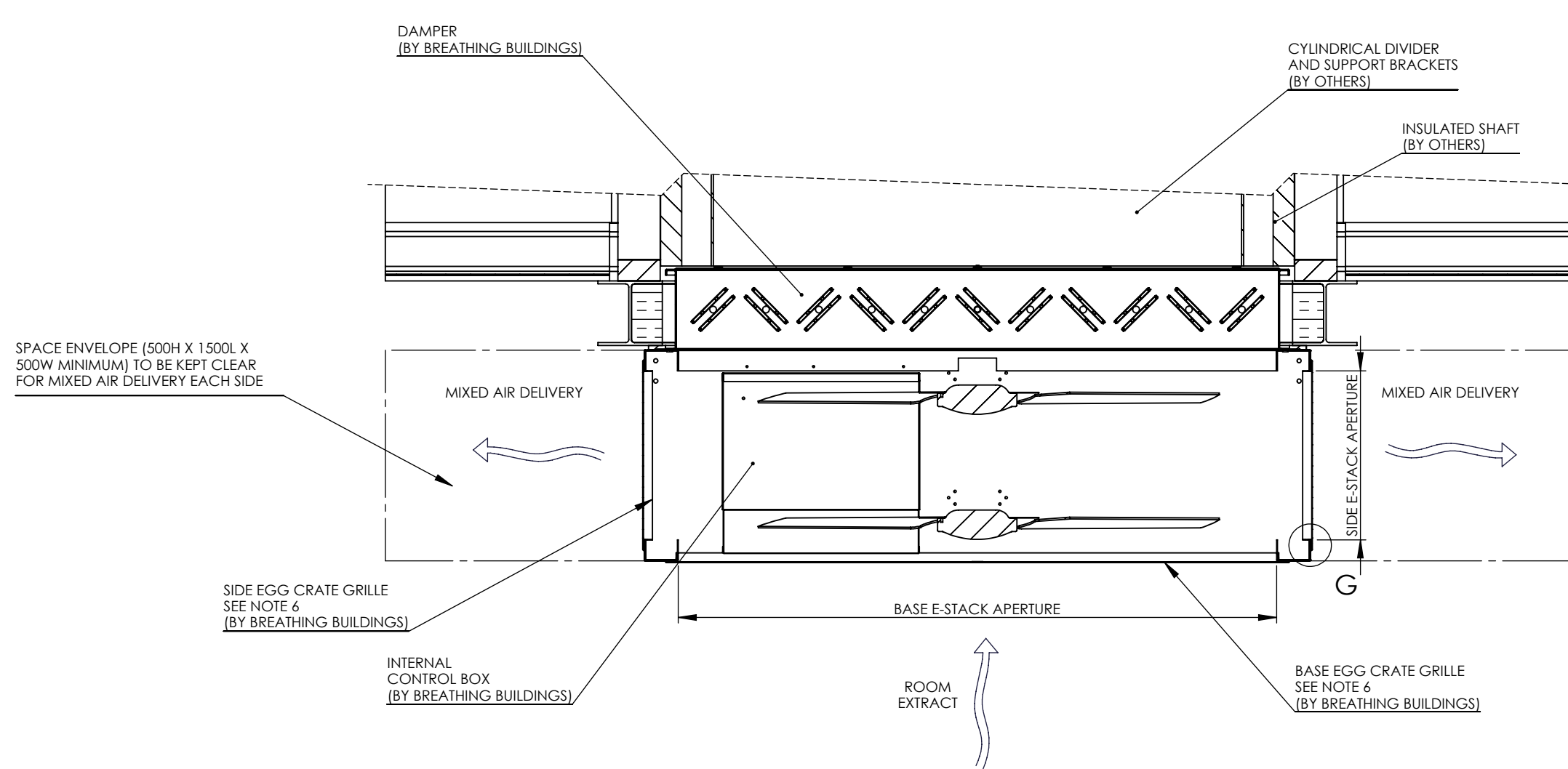
TITLE: S1500 LOUVRE ROOF TERMINAL WITH S1500 CLASSIC E-STACK UNIT ON A STEEL PROFILE ROOF

DRAWN	CHECKED	APPROVED	MFG	NAME	SIGNATURE	DATE
CC	DP					16/05/2013
QA						16/05/2013

Tolerances unless otherwise stated
xxx = +/- 0.05
x° = +/- 0.5
angles +/- 0.5°
Surface texture to be umRa or better
Dimension in mm
Third Angle Projection
Do not scale drawing

DWG NO.	Revision
1318_9101_01	1

IF IN DOUBT ASK



GRILLE DIMENSIONS			
POSITION	QTY	E-STACK APERTURE	GRILLE NECK FOR CLEARANCE
BASE	1	1477X1412	NOMINAL LESS 5MM
SIDE	2	1425X400	

GRILLE OPTIONS - SEE NOTE 6		
G1	EGG CRATE	SUITABLE FOR MOST INSTALLATIONS
G2	"BALL PROOF"	FOR USE IN SPORTS HALLS WHERE THERE IS RISK OF DAMAGE TO EGG CRATE GRILLES
G3	"ANTI-FINGER TRAP"	FOR SPACES WHERE THE BASE OF THE E-STACK IS < 2.7M ABOVE GROUND

NOTES:

- E-STACK SUPPLIED WITH FIXING BRACKETS.
- E-STACK POSITIONED WITH M10 STEEL DROP-RODS THROUGH FIXING BRACKETS. ALTERNATIVELY, MOUNT USING UNI-STRUT CRADLE (BY OTHERS).
- ROOF PROFILES AND STRUCTURE ARE INDICATIVE.
- CIRCULAR DIVIDER MATERIAL TYPICALLY GALV. BUT OTHER MATERIALS CAN BE USED - DOES NOT NEED TO BE INSULATED.
- THE SIZING AND DETAILED DESIGN OF THE LOAD BEARING SUPPORTS MUST BE SPECIFIED AND SIGNED OFF BY THE STRUCTURAL ENGINEER FOR THE PROJECT.
- GRILLES SHOWN HERE ARE OPTIONAL EXTRAS AT ADDITIONAL COST.



DEBUR AND BREAK SHARP EDGES AND HOLES. ITEM MUST BE FREE FROM SCRATCHES, DENTS AND OTHER BLEMISHES.
MATERIAL: N/A
FINISH: N/A

TITLE: S1500 LOUVRE ROOF TERMINAL WITH S1500 CLASSIC E-STACK UNIT ON A STEEL PROFILE ROOF

	NAME	SIGNATURE	DATE
DRAWN	CC		16/05/2013
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