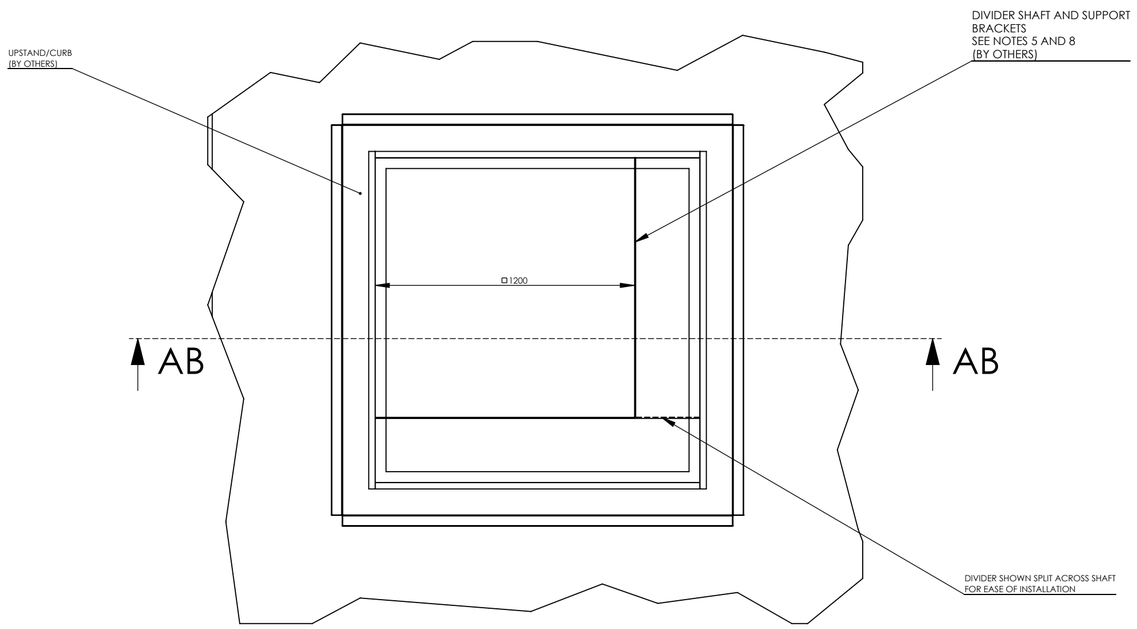
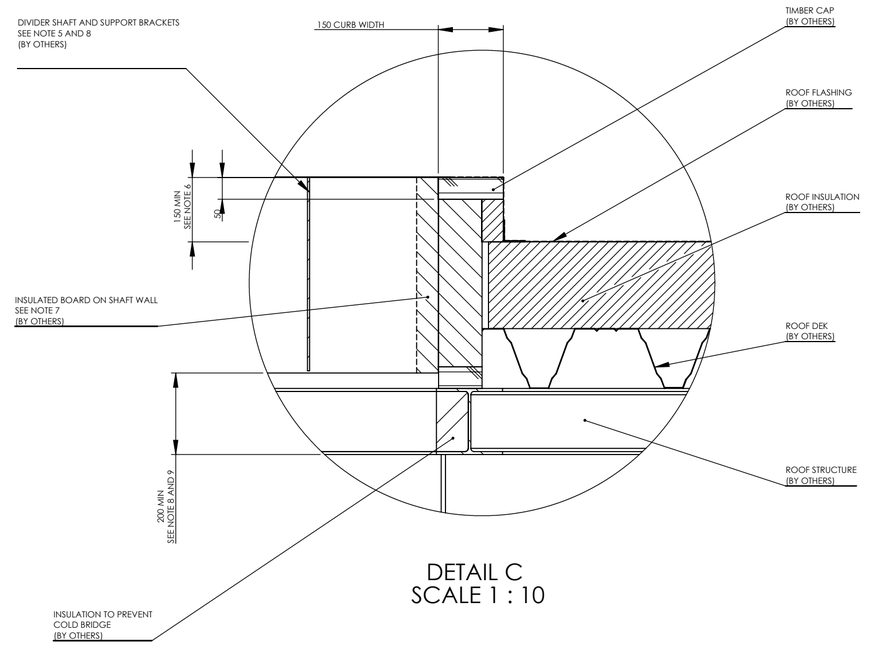
IF IN DOUBT ASK

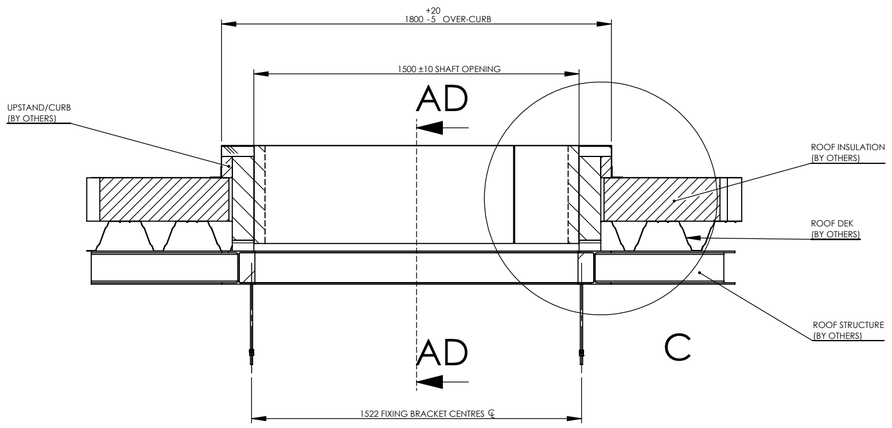
PLAN VIEW



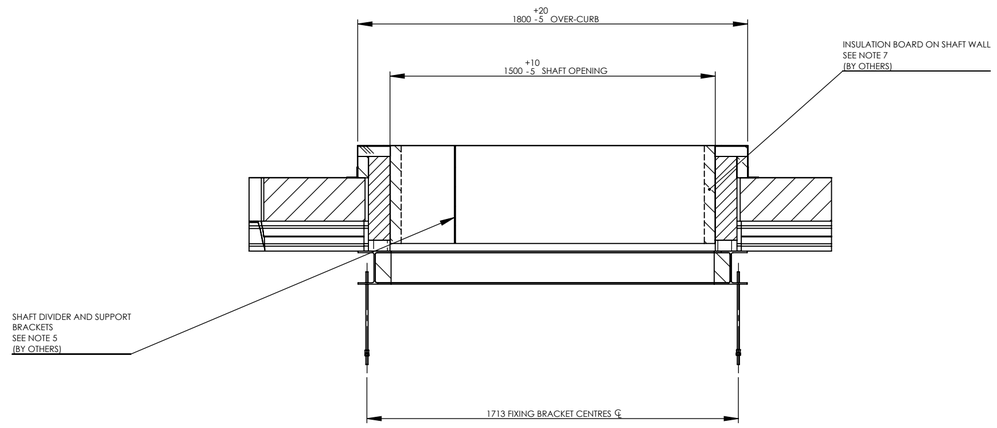


DETAIL C
SCALE 1 : 10

SECTION AB-AB



SECTION AD-AD



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. E-STACK UNIT SUPPLIED WITH FIXING BRACKETS.
4. ROOF PROFILES AND STRUCTURE ARE INDICATIVE.
5. SHAFT DIVIDER MATERIAL TYPICALLY GALV. STEEL BUT OTHER MATERIALS MAY BE USED - DOES NOT NEED TO BE INSULATED - (BY OTHERS).
6. MINIMUM HEIGHT OF CURB TO MINIMISE RAIN BOUNCE-BACK.
7. 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.
8. MINIMUM HEIGHT BETWEEN SHAFT DIVIDER AND E-STACK
9. DIVIDER SHAFT CANNOT BE SUPPORTED ON TOP OF E-STACK DAMPER.

Breathing Buildings

DEBUR AND BREAK SHARP EDGES AND HOLES, ITEM MUST BE FREE FROM SCRATCHES, DENTS AND OTHER BLEMISHES

MATERIAL: N/A

FINISH: N/A

	NAME	SIGNATURE	DATE
DRAWN	CC		16/05/2013
CHECKED	DP		16/05/2013
APPROVED			
MFG			
Q.A			

Tolerances unless otherwise stated
x.xx = +/- 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

TITLE:
S1500L MUSHROOM ROOF TERMINAL WITH S1500L E-STACK UNIT ON A STEEL PROFILE ROOF

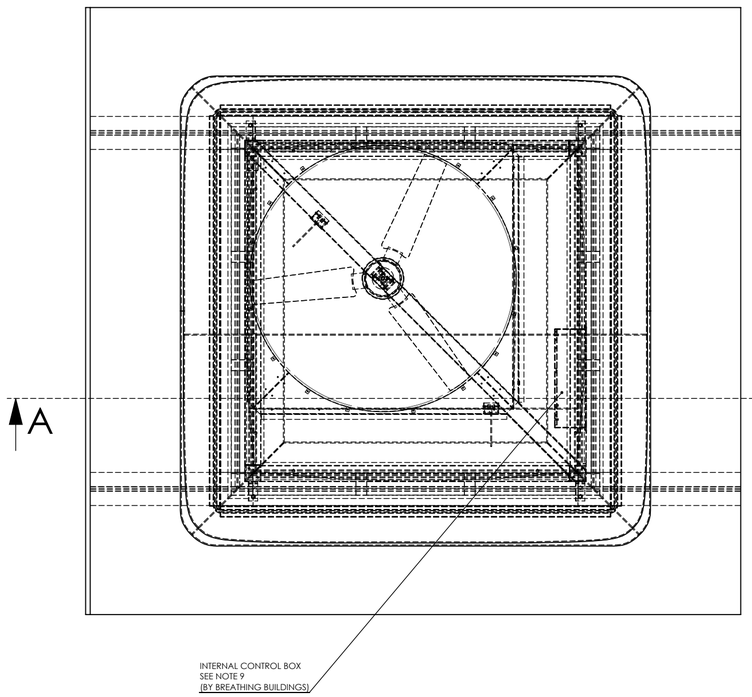
DWG NO. 1301_9101_01

Revision 1

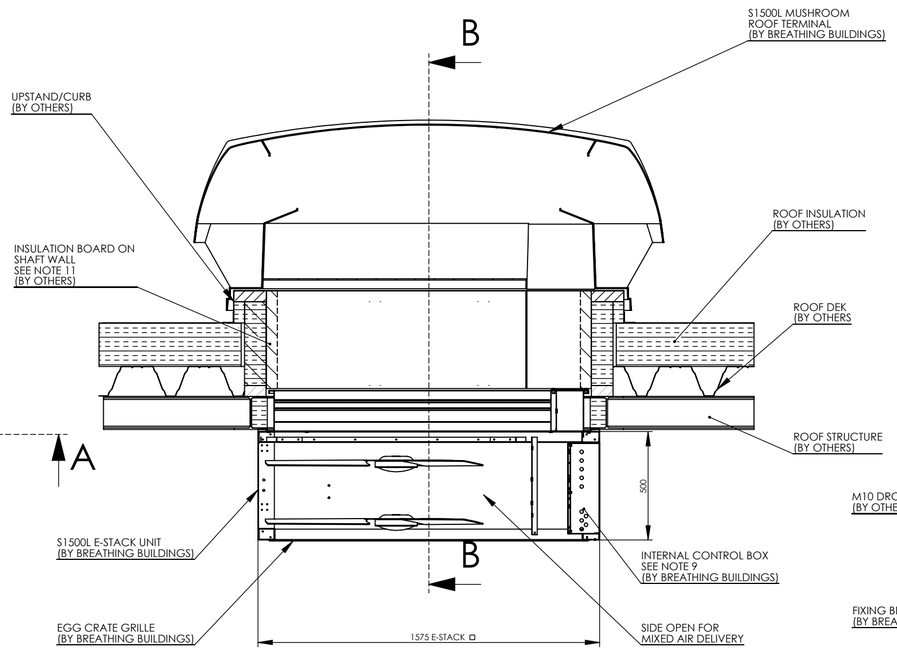
A2 | SCALE 1:20 | SHEET 1 OF 3

IF IN DOUBT ASK

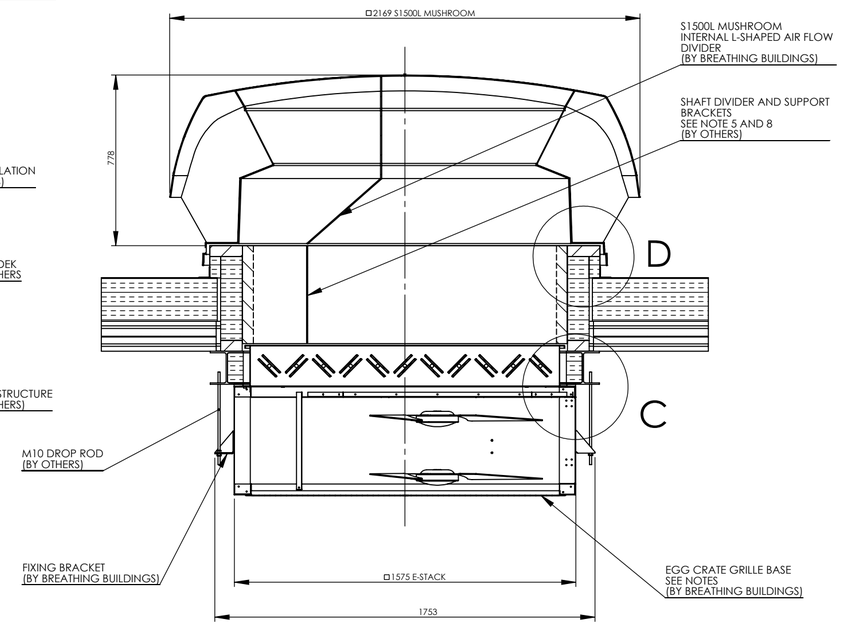
PLAN VIEW
(HIDDEN LINES VISABLE)

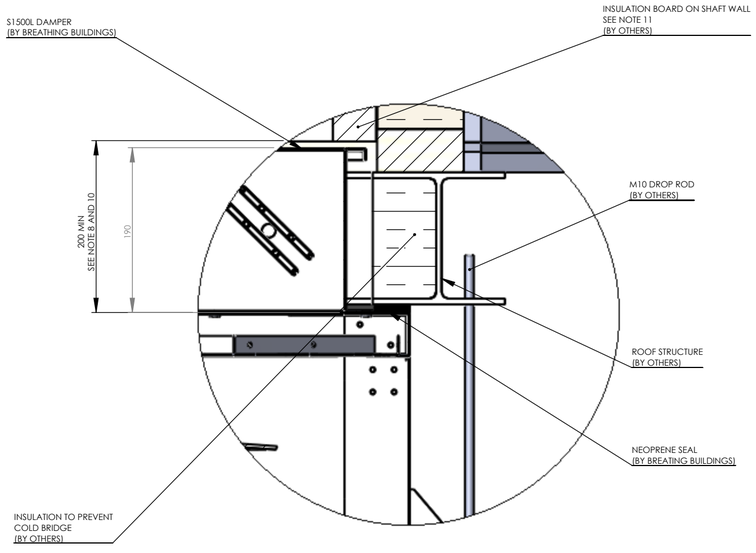


SECTION A-A



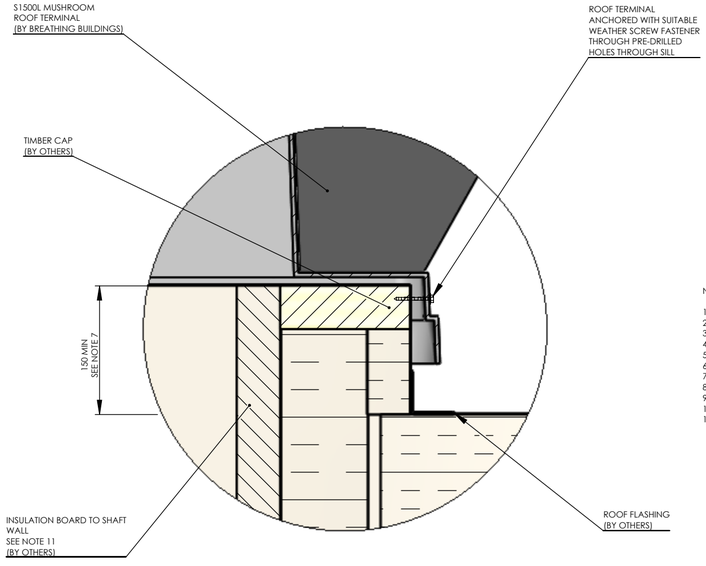
SECTION B-B





BASE OF SHAFT

DETAIL C
SCALE 1 : 5



TOP OF CURB

DETAIL D
SCALE 1 : 5

NOTES:

1. E-STACK POSITIONED WITH M10 STEEL DROP-RODS THROUGH FIXING BRACKETS. ALTERNATIVELY, MOUNT USING UNI-STRUT CRADLE (BY OTHERS).
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. E-STACK SUPPLIED WITH FIXING BRACKETS.
4. ROOF PROFILES AND STRUCTURE ARE INDICATIVE.
5. SHAFT DIVIDER MATERIAL TYPICALLY GALV. STEEL BUT OTHER MATERIALS CAN BE USED - DOES NOT NEED TO BE INSULATED.
6. GRILLES SHOWN HERE ARE OPTIONAL EXTRAS AT ADDITIONAL COST.
7. MINIMUM HEIGHT OF CURB TO MINIMISE RAIN BOUNCE-BACK FROM ROOF.
8. SHAFT DIVIDER CAN NOT BE SUPPORTED ON TOP OF E-STACK DAMPER.
9. ACCESS TO OUTSIDE OF UNIT TO BE PROVIDED FOR MAINTENANCE TO CONTROLLER - RECOMMENDED SPACE ENVELOPE 500H X 500WX 1000L.
10. MINIMUM HEIGHT BETWEEN SHAFT DIVIDER AND E-STACK UNIT.
11. 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.

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CHECKED	DP		16/05/2013
APPROVED			
MFG			
Q.A			

DEBUR AND BREAK SHARP EDGES AND HOLES. ITEM MUST BE FREE FROM SCRATCHES, DENTS AND OTHER BLEMISHES

MATERIAL: N/A

FINISH: N/A

Tolerances unless otherwise stated
x.xx = +/- 0.05
x = +/- 0.5
angles +/- 0.5°

Dimension in mm

Third Angle Projection

Surface texture to be umRa or better

Do not scale drawing

TITLE:
S1500L MUSHROOM ROOF TERMINAL WITH S1500L E-STACK UNIT ON A STEEL PROFILE ROOF

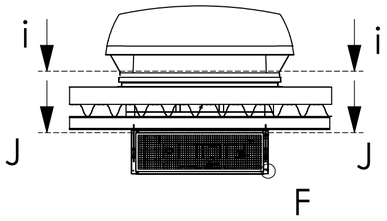
DWG NO.
1301_9101_01

Revision
1

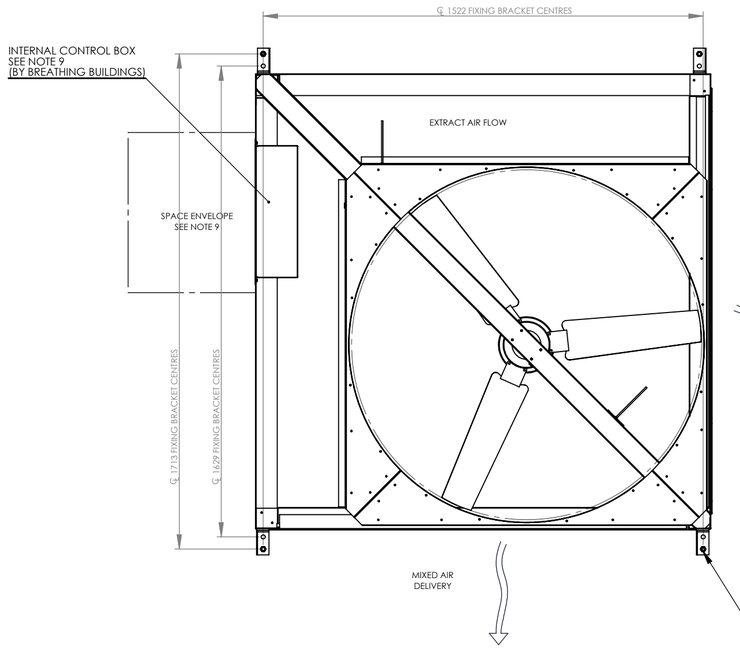
A2 | SCALE 1:20 | SHEET 2 OF 3

IF IN DOUBT ASK

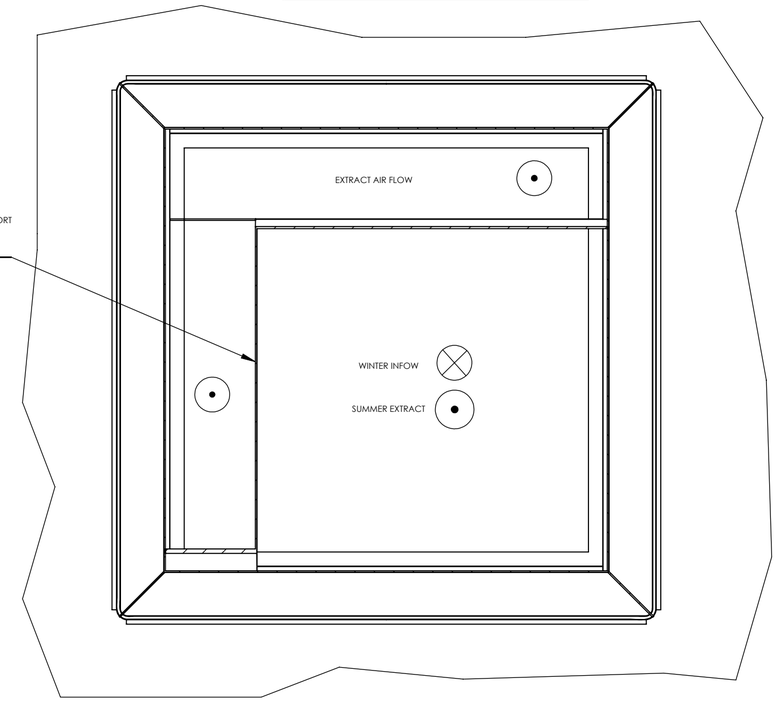
SECTION VIEW DIAGRAM

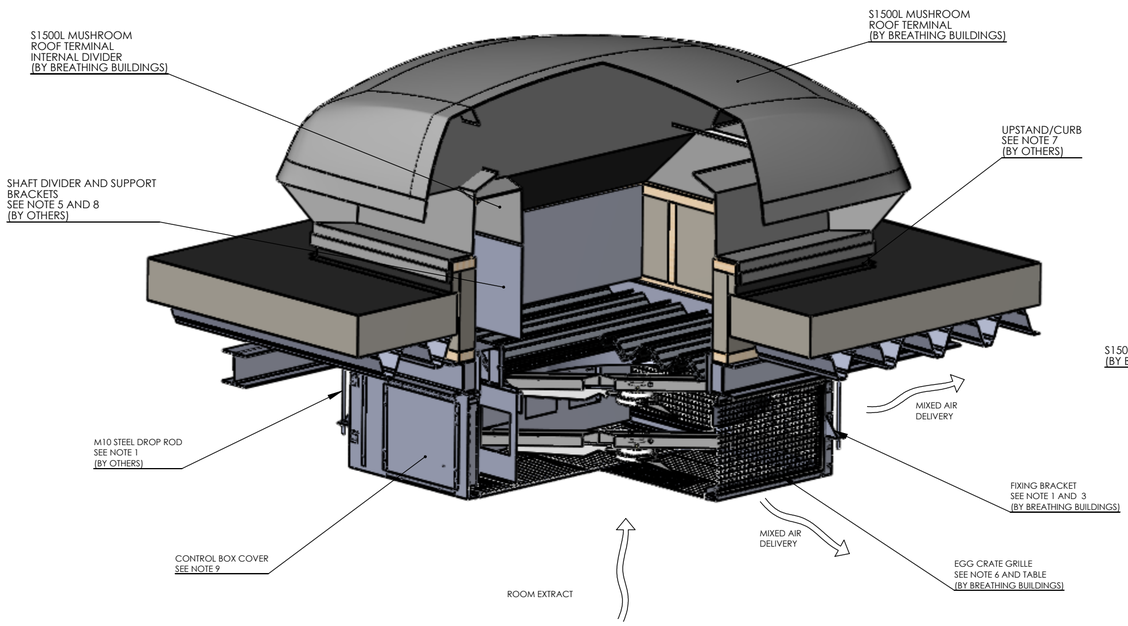


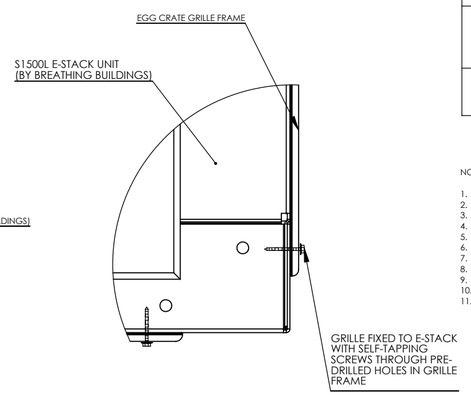
SECTION J-J S1500L E-STACK UNIT



SECTION I-I ROOF TERMINATION AND SHAFT







GRILLE FIXINGS

DETAIL F
SCALE 1 : 2

GRILLE DIMENSIONS			
POSITION	QTY	E-STACK APERTURE	GRILLE NECKFOR CLEARANCE
BASE	1	1425X1425	NOMINAL LESS 5MM
SIDE	2	1425X400	

GRILLE OPTIONS - SEE NOTE 5		
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 THE GROUND

NOTES:

1. E-STACK POSITIONED WITH M10 STEEL DROP-RODS THROUGH FIXING BRACKETS. ALTERNATIVELY, MOUNT USING UNI-STRUT CRADLE (BY OTHERS).
2. THE SIZING AND DETAILED DESIGN OF THE LOAD-BEARING SUPPORTS MUST BE SPECIFIED AND SIGNED OFF BY THE STRUCTURAL ENGINEER FOR THE PROJECT.
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Breathing Buildings

DEBUR AND BREAK SHARP EDGES AND HOLES. ITEM MUST BE FREE FROM SCRATCHES, DENTS AND OTHER BLEMISHES

MATERIAL: N/A

FINISH: N/A

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Tolerances unless otherwise stated x.xx = +/- 0.05 x = +/- 0.5 angles +/- 0.5°

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Dimension in mm

Third Angle Projection

Do not scale drawing

TITLE:

S1500L MUSHROOM ROOF TERMINAL WITH S1500L E-STACK UNIT ON A STEEL PROFILE ROOF

DWG NO. 1301_9101_01

Revision 1

A2 | SCALE 1:20 | SHEET 3 OF 3