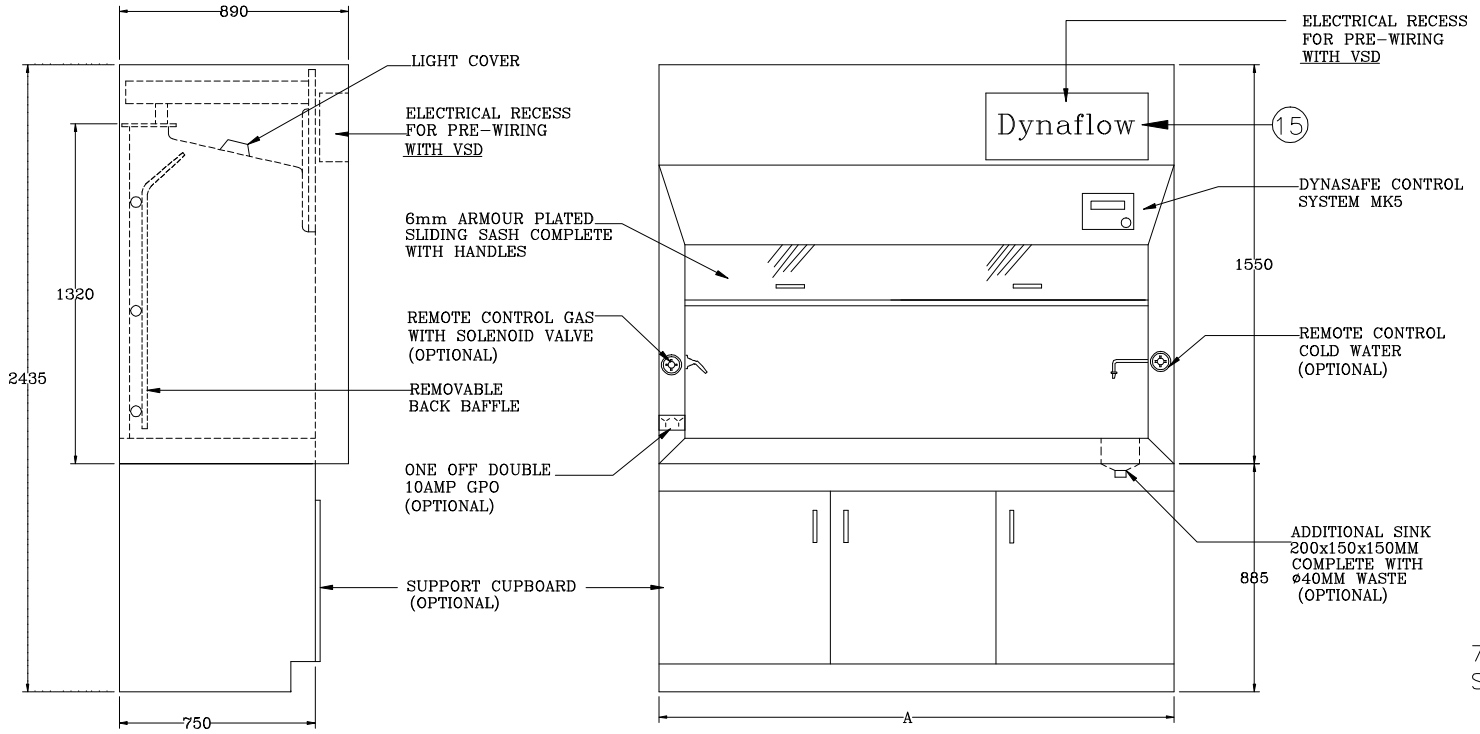


SIDE ELEVATION

FRONT ELEVATION

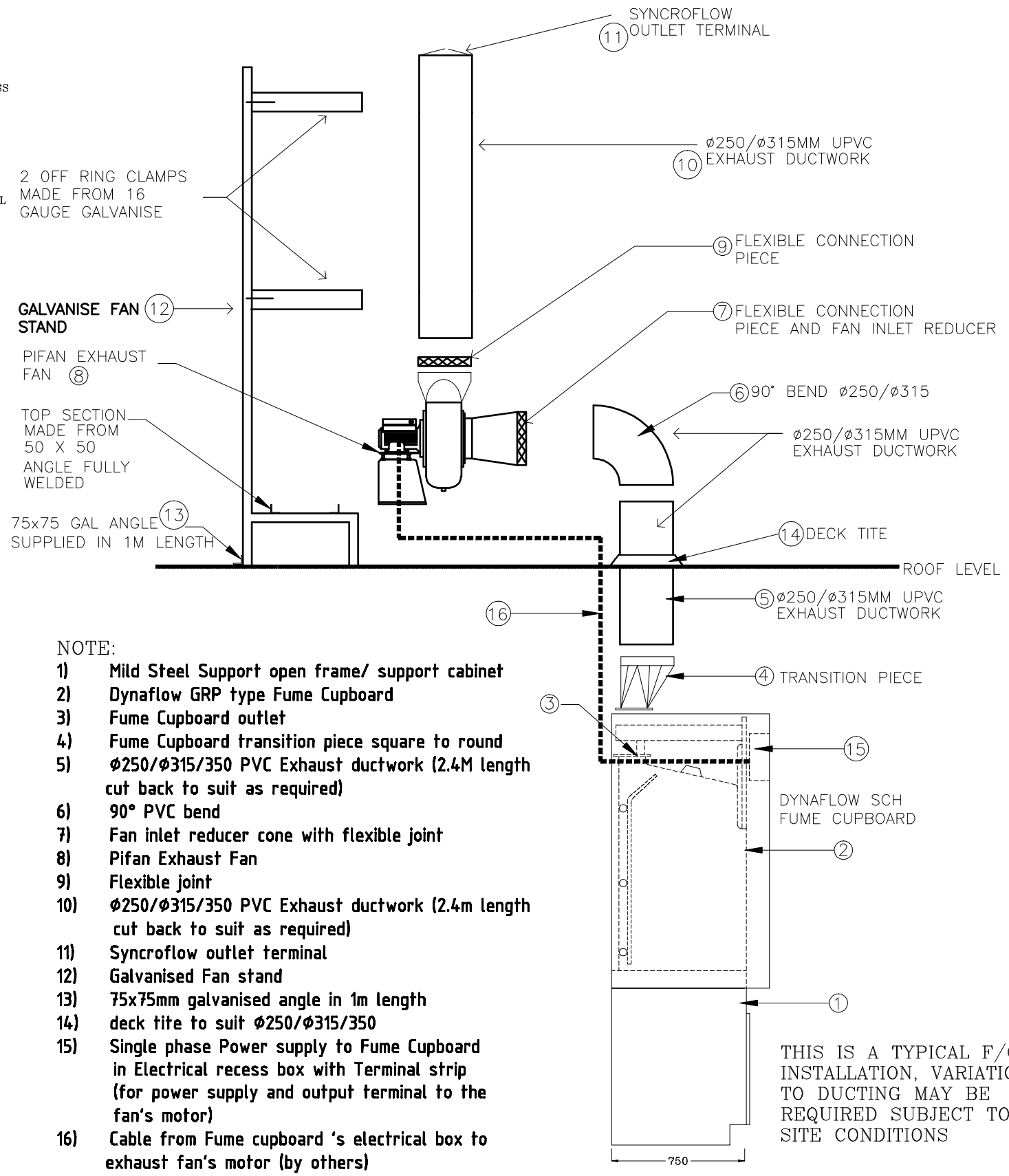
DYNAFLOW GRP FUME CUPBOARD

MODEL (A)	DIMENSION (MM)	SASH OPENING (MM)	AIR QUANTITY (L/S) F/C WITH SYNCROFLOW OPTION SASH OPENING 50MM	250MM	625MM	DISCHARGE TRANSITION PIECE SQUARE TO ROUND
1200	1200x890x1550	995x625	50	124	311	TRANSITION TO ø250
1500	1500x890x1550	1295x625	65	162	405	TRANSITION TO ø315
1800	1800x890x1550	1595x625	80	200	498	TRANSITION TO ø315
2000	2000x890x1550	1795x625	90	224	561	TRANSITION TO ø315
2400	2400x890x1550	2195x625	110	274	685	TRANSITION TO ø350

PIFAN EXHAUST FAN DETAIL

MODEL	STANDARD FAN ASSEMBLY	MOTOR SIZE (KW)	INPUT MOTOR POWER(V)	FLA (A)
1200	225/P/4	0.55	3ø 415V 4POLE	1.4
1500	305/P/4	0.75	3ø 415V 4POLE	1.9
1800	305/P/4	1.5	3ø 415V 4POLE	3.4
2000	305/P/4	1.5	3ø 415V 4POLE	3.4
2400	355/P/4	1.5	3ø 415V 4POLE	3.4

Note:
-Fan connection terminals located within electrical box, top RHS
-Interconnecting terminal to all supplied according to AS3000 complete with weatherproof isolator adjacent to fan



SIDE VIEW

NOTE:

1) Mild Steel Support open frame/ support cabinet
2) Dynaflow GRP type Fume Cupboard
3) Fume Cupboard outlet
4) Fume Cupboard transition piece square to round
5) ø250/ø315/350 PVC Exhaust ductwork (2.4M length cut back to suit as required)
6) 90° PVC bend
7) Fan inlet reducer cone with flexible joint
8) Pifan Exhaust Fan
9) Flexible joint
10) ø250/ø315/350 PVC Exhaust ductwork (2.4m length cut back to suit as required)
11) Syncroflow outlet terminal
12) Galvanised Fan stand
13) 75x75mm galvanised angle in 1m length
14) deck tite to suit ø250/ø315/350
15) Single phase Power supply to Fume Cupboard in Electrical recess box with Terminal strip (for power supply and output terminal to the fan's motor)
16) Cable from Fume cupboard 's electrical box to exhaust fan's motor (by others)

THIS IS A TYPICAL F/C INSTALLATION, VARIATION TO DUCTING MAY BE REQUIRED SUBJECT TO SITE CONDITIONS

INSTALLATION SECTION LAYOUT

DYNAFLOW PTY LTD
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ISSUE	DETAILS OF ISSUE	BY	APPR	DATE
A	SCHOOL KIT	CC	DW	30/09/09

Dynaflow Pty Ltd
LABORATORY FUME RISK CONTROL

☐ PRELIMINARY ONLY ☐ APPROVED FOR CONSTRUCTION
☑ SUBMITTED FOR APPROVAL ☐ AS INSTALLED

PER _____ DATE _____

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETRES TOLERANCES ± 1

DRAWN CHAN-CHEA | DATE 16/11/10
DESIGN ROY-ROSARIO | SIZE A3
SHEET 1 OF 1 | SCALE NTS

Dynaflow Pty Ltd
LABORATORY FUME RISK CONTROL
Email: info@dynaflow.com.au Website: www.dynaflow.com.au

PROJECT
DYNAFLOW GRP FUME CUPBOARD DOUBLE SKIN DESIGNED

DRWG NAME.	DWG NO.	REV
GRP FC	GRP-FC INST	A