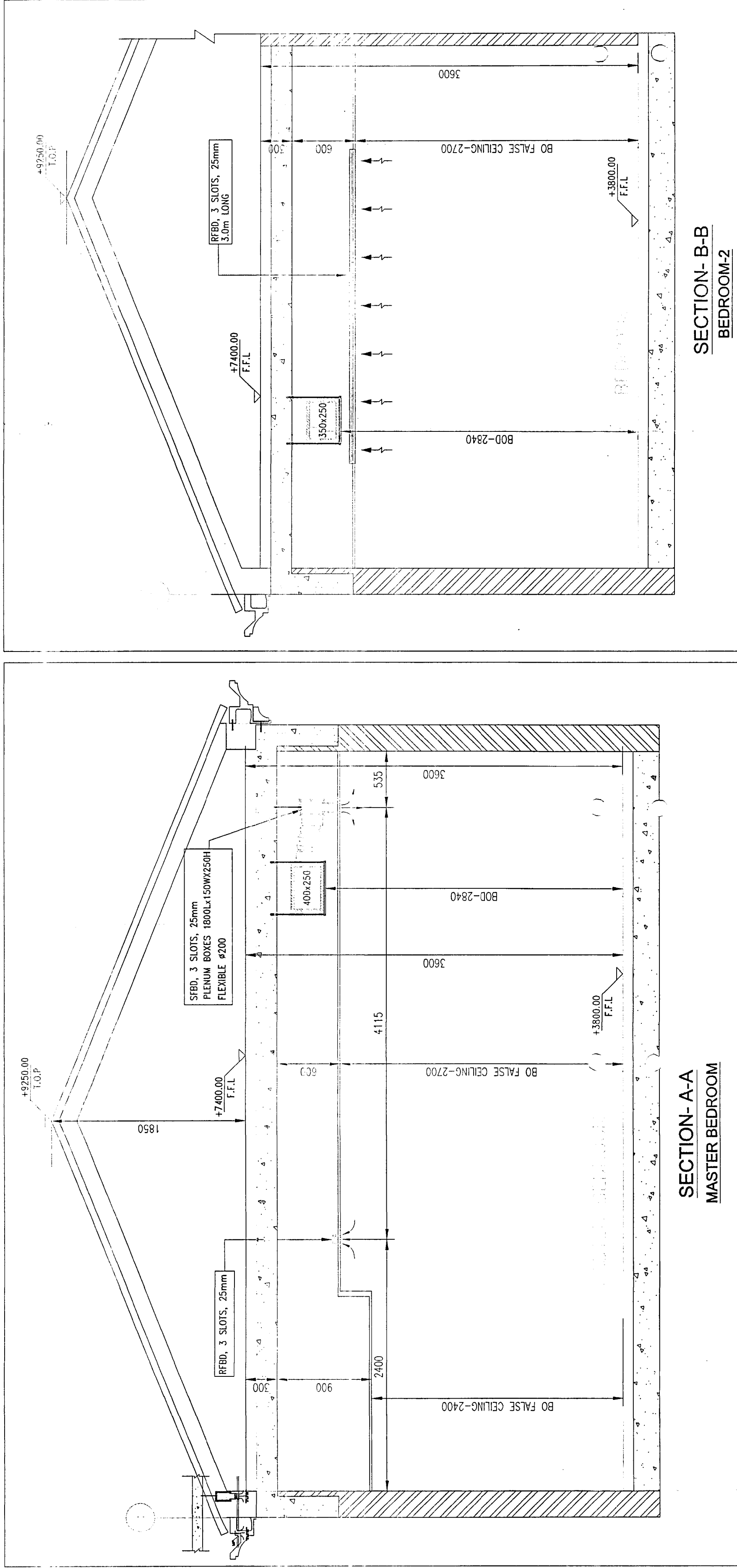


SCHEDULE OF VOLUME CONTROL DAMPERS			
S/N	UNIT REFERENCE	AREA SERVED	UNIT QUANTITY
1.	AVG-SSAC-1	MASTER BED ROOM	2000
2.	AVG-SSAC-2	BED ROOM-2	2000
3.	AVG-SSAC-3	BED ROOM-3	2000
4.	AVG-SSAC-7	FIRST FLOOR CORRIDOR	2000

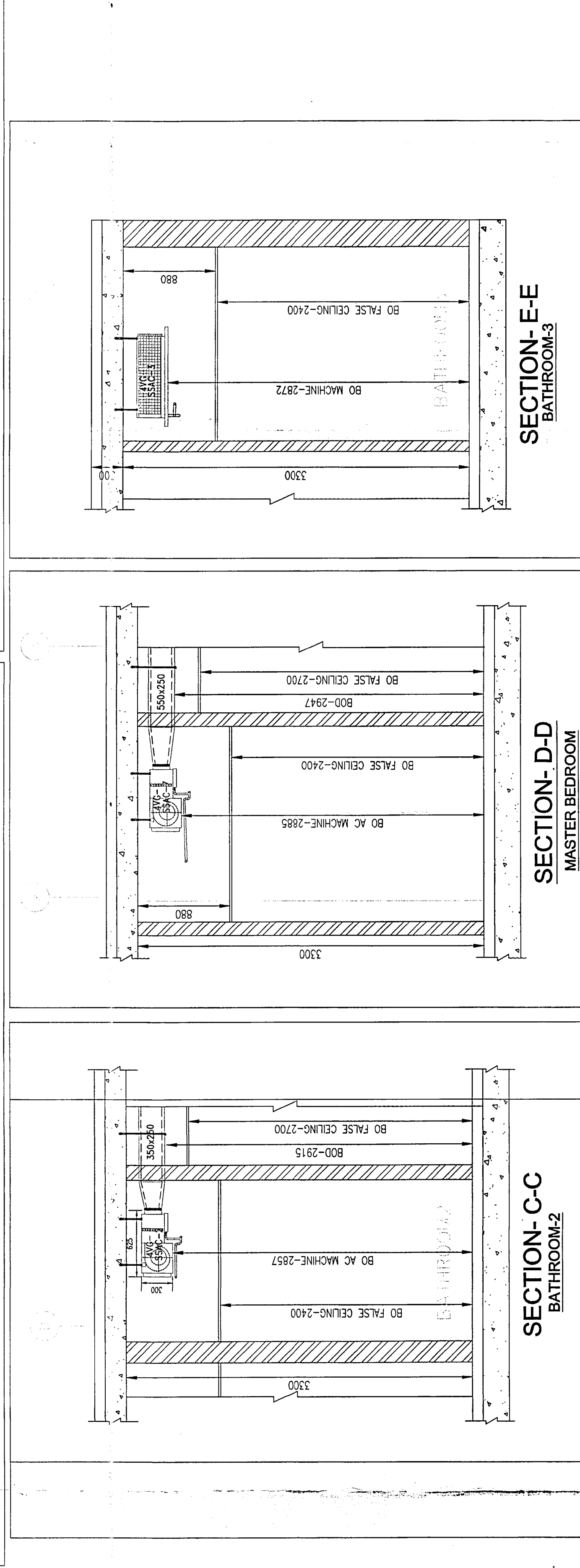


FIRST FLOOR PLAN

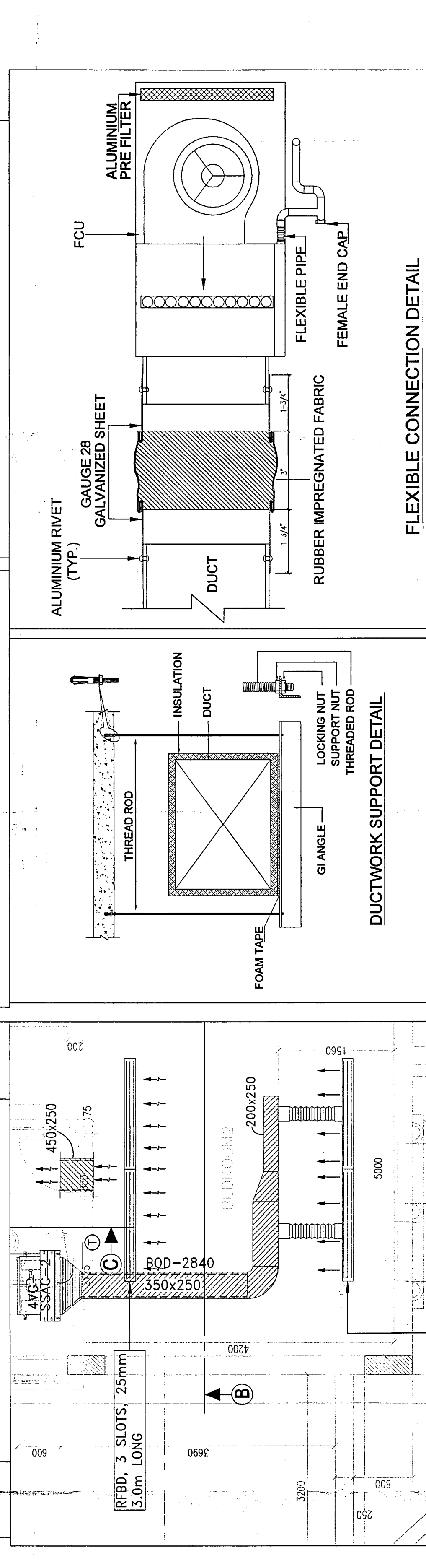
PACKAGE - 2 CLUSTER-2 TO 6 WITH BFD (BUTTERFLY DAMPER)



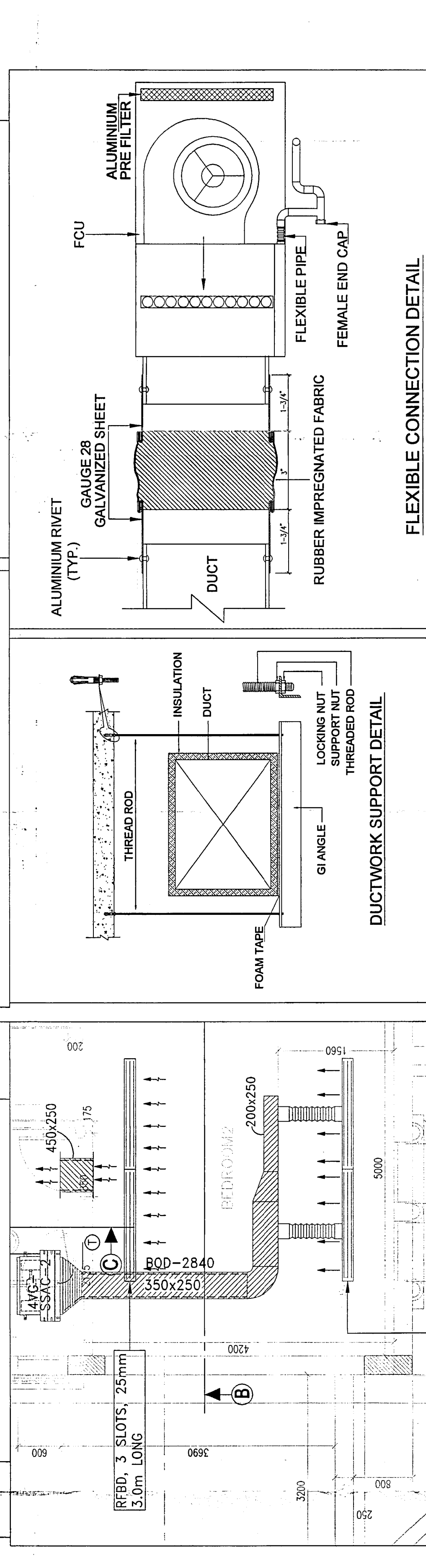
SECTION-A-A
MASTER BEDROOM



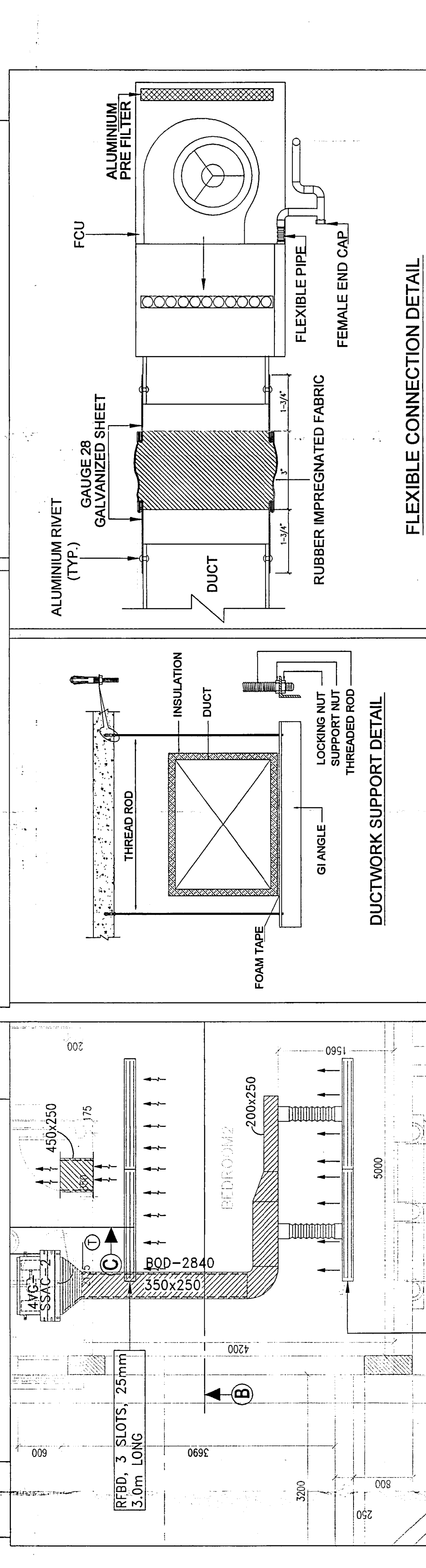
SECTION-B-B
BEDROOM-2



SECTION-C-C
BATHROOM-2



SECTION-D-D
MASTER BEDROOM



SECTION-E-E
BATHROOM-3

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. AC DUCT WORK - FRICTION LOSS - 0.05" w/100FT OF DUCT LENGTH.
3. AT LEAST 3 METER LENGTH IS USED AS RETURN PLENUM CHAMBER.
4. ABOVE FALSE CEILING IS USED AS RETURN PLENUM CHAMBER.
5. AIR OUTLET CHAMBER LOCATIONS IS ACCORDING TO APPROVED ARCHITECTURAL DRAWING.
6. DUCT WORK WALL PENETRATIONS WITH GI SHEET SLEEVES.
7. SUPPLY AND RETURN AIR DUCT IS NOT DIPPED GALVANIZED SHEET.
8. ALL PLENUM BOX WITH ACoustIC LINER.
9. FLEXIBLE DUCT WITH INSULATION THICKNESS-MM AND STEEL WIRE.
10. ALL FCU METERING DEVICE IS ORIFICE/CAPILLARY TUBE TYPE.

LEGEND:-

- SSAC SPLIT SYSTEM AIR CONDITIONER
- SCD SUPPLY CEILING DIFFUSER
- RCD RETURN CEILING DIFFUSER
- SR SUPPLY REGISTER
- SFBD SUPPLY FLOW BAR DIFFUSER
- RFBD RETURN FLOW BAR DIFFUSER
- RDO RETURN DUCT OPENING
- BOD BOTTOM OF DUCT
- AC DUCT WITH ACOUSTIC LINER
- AC DUCT WITH INSULATION
- FLEXIBLE DUCT
- SUPPLY CEILING DIFFUSER
- RETURN CEILING DIFFUSER
- THERMOSTAT ELECTRIC
- CONDENSATE DRAIN PIPE
- VOLUME CONTROL DAMPER
- BUTTERFLY DAMPER

DESIGNED BY	APPROVED BY
CHECKED BY	DATE
PROJECT	DATE

AS BUILT DRAWING

REV	DRAWN	DATE	CHECKED	DESCRIPTION
ASB	JOHANN	31/07/12	SUBRAMANIAM	AS BUILT DRAWING
ASB	JOHANN	26/05/12	SUBRAMANIAM	AS BUILT DRAWING
ASB	RATHEESH	12/04/12	SUBRAMANIAM	AS BUILT DRAWING
ASB	RATHEESH	10/03/11	RAVINDRA	AS BUILT DRAWING

EMPLOYER

NAKHEEL
NAKHEEL TIMERS
P.O. BOX - 17777
DUBAI - UAE
TEL : (04-393388
FAX : (04-393333

CONSULTANT

dar al-handasah
shair and partners
DUBAI
RAJAHMUNDRAM
PAULIN, Middle East Co. L.L.C.

MAIN CONTRACTOR

Paulin, Middle East Co. L.L.C.
PAULIN, Middle East Co. L.L.C.
PAULIN, Middle East Co. L.L.C.

PACKAGE

PACKAGE - 2 & 2A
LEGACY

MEP CONTRACTOR

POWER POINTS
P.O. Box 31377, Dubai, U.A.E
Tel: 3966771 Fax: 3966772

DRAWING TITLE

FIRST FLOOR PLAN
AIR CONDITIONING LAYOUT

SCALE	DATE	DRAWN BY	CHECKED BY
1:50	10/05/08	RATHEESH	MEETVAS
JOB NO.	REV	DATE	REV
PP/V81/L/AC-03	ASB		