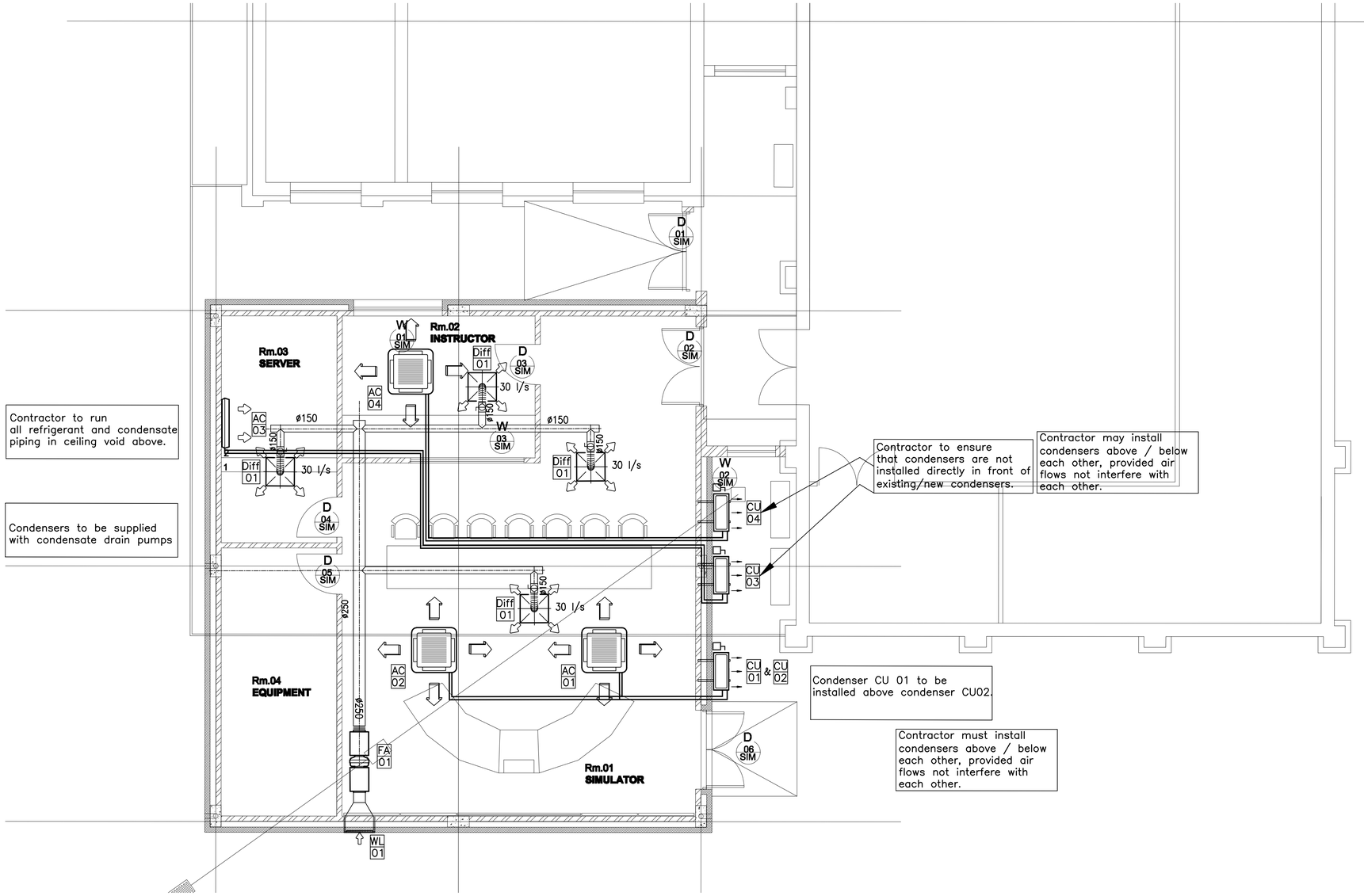

SIMULATOR ROOM - HVAC

Equipment Schedule

Diffusers

Item No.	No. Of	Size/Description	Flow l/s	OBD	Remarks
Dif 01	4	595x595 square plate ø150 neck.	30 each	NO	Brian Rickard CCD or similar approved

Grilles

Item No.	No. Of	Size/Description	Air Flow l/s	OBD	Remarks
DG 01	7	450x250 Door Grille	Varies	No	V-section

Weather Louvres

Item No.	No. Of	Size/Description	Air Flow l/s	OBD	Remarks
WL 01	1	525 x 250	Varies	No	Supply with insect screen

Fans

Item No.	No. Of	Size/Description	Air Flow l/s	RPM	S.P. Pa	Power Requirements
Fan 01	1	In line fan Expelair KX0200 or sim. appr. C/W 2 sound atten.	120	1440	130	220V~1PH 50Hz~0.4kW

Note:
Fan01 to be AMS or sim. approved.

	Description	Total Cool. kW	Sen. Cool. kW	Heat. kW	Air l/s	F.A. l/s	Pa	Power Req.
AC 01	Cassette c/w removable washable filter	8.25 design	6.6 design	Heat pump	416 design	30 design	–	220V~1PH 50Hz~–kW
AC 02	Cassette c/w removable washable filter	8.25 design	6.6 design	Heat pump	416 design	30 design	–	220V~1PH 50Hz~–kW
AC 03	Mid-wall Split	7.5 design	6.0 design	Cooling Only	144 design	30 design	–	220V~1PH 50Hz~–kW
AC 04	Cassette c/w removable washable filter	2.7 design	2.16 design	Heat pump	154 design	30 design	–	220V~1PH 50Hz~–kW

Notes:
1 Fan static pressures have been indicated as a guide for tendering purposes only. Actual pressures are to be calculated by the subcontractor to suit the equipment selections offered & are to be submitted for approval prior to ordering equipment.
2 Performance specifications are for site altitude. Equipment selected must be rated accordingly.
3 All ac units to high static type.

Rev. Hers.	Description Beskrywing	Date Datum	Ckd. Nag.
2	ISSUED FOR CONSTRUCTION	20.05.08	
1	ISSUED FOR CONSTRUCTION	19.03.08	

PROJECT:
MATLA POWER STATION

ARCITECT:
MASHABANE ROSE ASSOCIATES

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TITLE
TITEL
HVAC INSTALLATION
SIMULATOR ROOM
HVAC LAYOUT

Design by Ontwerp deur	L.L.L.	TEKENING/DRAWING STATUS			Comments Aanmerkings
Drawn by Geteken deur	D.C.	1	Proposal Konsep		
Checked Nagesien	L.L.L.	2	Design Ontwerp		
Approved Gekeur	L.L.L.	3	Tender		
Control Beheer		4	Construction Konstruksie	●	
Date Datum	12.03.08	5	As Built Soos Gebou		
Scale Skaal	1:50	6	CAD No.		
Drg. Tek. No	U0386/71/04			Rev. Hers.	2