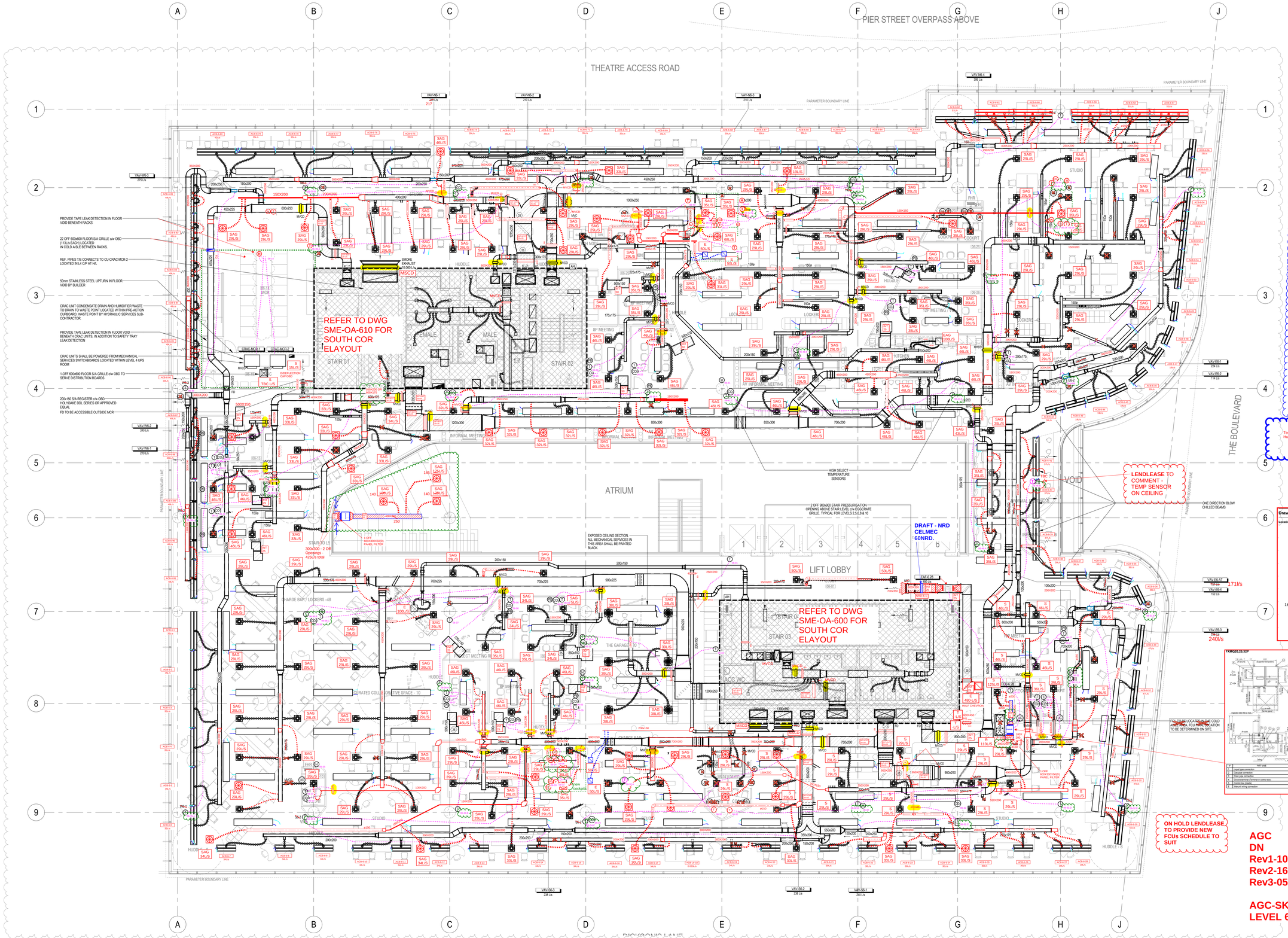


NOTES FOR DRAFTING TEAM

1. TYPICAL ALLOW 100MM BETWEEN BD AND MVCD. MOVE TO SUIT
2. Insulation: Typical 50mm insulation unless stated otherwise
3. TYPICAL - GRILLES CHANGE THE FOLLOWINGS: "SAG" OR "S" TO "SA" "EAG" OR "E" TO "EA"
4. Typical - FLEXIBLE DUCT 150ø UNLESS STATED OTHERWISE. 3000mm LONG MAXIMUM.
5. KEEP THE DUCT HEIGH TO THE INCREMENT OF 50MM (EG.150,200, 250 ETC) - 25MM IS ALSO EXCEPTABLE BUT NOT PREFERED. WHERE MARK-UP 200/250MM HIGH NOT SUITABLE FOR CO-ORDINATION THAN CHANGE TO 175/225MM AND ADJUST THE WIDTH TO SUIT.
6. Condensate water line to the nearest tun-dish - co-ordinate with hydraulic services
7. EQUIPMENT ARE INDICATIVE SIZES ONLY FOR CO-ORDINAITON. IF NO EQUIPMENT SIZES ARE PROVIDED, PLEASE USE THE MODELLED EQUPMENT FOR CO-ORDINATION
8. Where shown this, it indicates that there is a 25mm internal insulation with 25mm external insulation

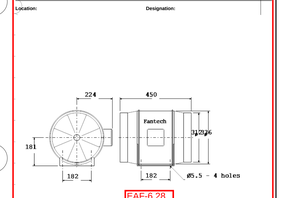
INT+EXT 25+25

9. ALL DUCT ON FLOOR IS LOW PRESSURE SYSTEM - UP TO 500Pa

Temperature Sensor / Humidity Sensor / CO2 Sensor — Room number 06-36

Drawing for Fan Model TD-2000/315

Location: Designation:



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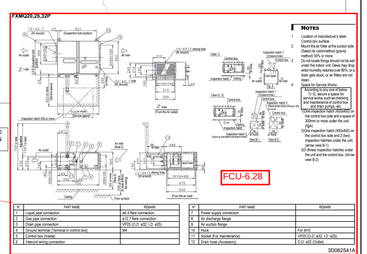

AGC
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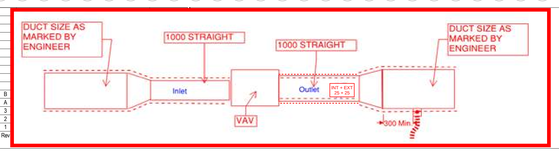
Rev1-10/3/2016
Rev2-16/3/2016
Rev3-05/04/2016

AGC-SK-06.1
LEVEL 6 DUCTWORK LAYOUT

Key Plan



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GENERAL NOTES

1. REFER TO EQUIPMENT SCHEDULE FOR THE PASSIVE AND ACTIVE CHILLED BEAMS LENGTH, AIR VOLUME AND TYPE.
2. ALL CENTRE ZONE SWIRL SUPPLY DIFFUSERS SHALL BE COMPLETE WITH INSULATED PLENUM BOX, PERFORMATED PLATE BEHIND AND FLEXIBLE DUCT CONNECTIONS.
3. A MINIMUM 150mm CLEARANCE MUST BE MAINTAINED ABOVE EACH PASSIVE CHILLED BEAM AT ALL TIMES.
4. REFER TO DETAILS DRAWING FOR TYPICAL CHILLED BEAMS VALVING ARRANGEMENTS.
5. FINAL CONNECTION OF CHILLED BEAM TO MAIN PIPING CIRCUIT via 600mm LONG ø18mm FLEXIBLE HOSE.
6. PROVIDE ADDITIONAL BALANCING DEVICES TO INDIVIDUAL CHILLED BEAMS AS NECESSARY TO BALANCE GROUPS OF CHILLED BEAMS WITH UNEQUAL CHILLED WATER FLOW RATES.
7. ON FLOOR PIPEWORK TO RISE UP AND CONNECT TO FLOW AND RETURN RISERS.
8. MODIFY VALVING ARRANGEMENTS TO SUIT NUMBER OF BEAMS AND LAYOUT. REFER TO EACH LEVEL LAYOUT.
9. CHW PIPEWORK, LOCAL BRANCHES, SERVING CHILLED BEAMS TO BE CONFIGURED AS REVERSE RETURN.
10. ON-FLOOR CHW RETURN PIPEWORK TO BE INSTALLED WITH MINIMUM SET-UPS OR SET-DOWN. CHW RETURN PIPEWORK TO BE INSTALLED AT HIGHER LEVEL RELATIVE TO CHW FLOW PIPES AND THE CHILLED BEAMS.
11. ON-FLOOR HT CHW RETURN PIPEWORK SERVING CHILLED BEAMS IS NOT THERMALLY INSULATED WITH EXCEPTION OF THE PIPE SECTION BETWEEN RISER (RISER IS THERMALLY INSULATED) AND FIRST PIPE BRANCH.
12. ALL COCKPIT ROOMS SHALL HAVE MINIMUM 20mm DOOR UNDER-CUT.
13. FCR FCU CONDENSATE SHALL DRAIN TO TUNDISHES LOCATED WITHIN ADJACENT CORES. TUNDISH BY OTHERS. CO-ORDINATE FINAL LOCATION WITH HYDRAULICS SERVICES SUB-CONTRACTOR.
14. REFER TO THE ACOUSTIC REPORT PREPARED BY ARUP FOR TREATMENT AROUND DUCT PENETRATIONS THROUGH MEETING ROOMS & ALL FULL HEIGHT WALLS.

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Project Management & Construction	Lend Lease
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Client: LEND LEASE

Project: NORTH WEST PLOT DARLING HARBOUR LIVE

Title: MECHANICAL SERVICES LEVEL 6

Scale (A3)			
1 : 100			
Drawn: LL	Checked	Approved	Drawing Status: CONSTRUCTION
Project Number: 252260	Drawing Number: MB3060100		Revision: B

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If this drawing is printed or plotted at a size other than A0 - DO NOT SCALE DIMENSIONS FROM DRAWING
Always take figured dimensions in preference to scaling.