


Draft - please update the latest back ground to suit



KEY		NORTH CORE DESCRIPTION		KEY		SOUTH CORE DESCRIPTION	
1	APPROVED FOR CONSTRUCTION	18/12/15		7	CENTRE ZONE 2 SUPPLY AIR RISER	21	SMOKE EXHAUST RISER
2	APPROVED FOR CONSTRUCTION	9/11/15		8	NORTH ZONE SUPPLY AIR RISER	22	SMOKE EXHAUST RISER
3	APPROVED FOR CONSTRUCTION	23/09/15		9	STAIR PRESSURISATION RISER	23	SUPPLEMENTARY EXHAUST AIR RISER
4	ISSUED FOR TENDER	07/09/15		10	TOILET EXHAUST AIR RISER	24	EAST ZONE RISER
5	APPROVED FOR CONSTRUCTION	24/09/15		11	KITCHEN EXHAUST RISER	25	TOILET EXHAUST RISER
6	PRELIMINARY - ISSUED FOR INFORMATION	23/07/15		12	KITCHEN EXHAUST RISER	26	STAIR PRESSURISATION RISER
7	PRELIMINARY - ISSUED FOR INFORMATION	23/07/15		13	CENTRE ZONE 1 SOUTH RISER	27	CENTRE ZONE 2 SOUTH RISER
8	APPROVED FOR CONSTRUCTION	15/06/15		14		28	Retail Kitchen EXHAUST AIR RISER
9	APPROVED FOR CONSTRUCTION	15/06/15		15		29	
10	APPROVED FOR CONSTRUCTION	15/06/15		16		30	
11	APPROVED FOR CONSTRUCTION	15/06/15		17		31	
12	APPROVED FOR CONSTRUCTION	15/06/15		18			
13	APPROVED FOR CONSTRUCTION	15/06/15		19			
14	APPROVED FOR CONSTRUCTION	15/06/15		20			
15	APPROVED FOR CONSTRUCTION	15/06/15		21			
16	APPROVED FOR CONSTRUCTION	15/06/15		22			
17	APPROVED FOR CONSTRUCTION	15/06/15		23			
18	APPROVED FOR CONSTRUCTION	15/06/15		24			
19	APPROVED FOR CONSTRUCTION	15/06/15		25			
20	APPROVED FOR CONSTRUCTION	15/06/15		26			
21	APPROVED FOR CONSTRUCTION	15/06/15		27			
22	APPROVED FOR CONSTRUCTION	15/06/15		28			
23	APPROVED FOR CONSTRUCTION	15/06/15		29			
24	APPROVED FOR CONSTRUCTION	15/06/15		30			
25	APPROVED FOR CONSTRUCTION	15/06/15					
26	APPROVED FOR CONSTRUCTION	15/06/15					
27	APPROVED FOR CONSTRUCTION	15/06/15					
28	APPROVED FOR CONSTRUCTION	15/06/15					
29	APPROVED FOR CONSTRUCTION	15/06/15					
30	APPROVED FOR CONSTRUCTION	15/06/15					
31	APPROVED FOR CONSTRUCTION	15/06/15					

Key Plan
Rev 1
Key Plan Revision Description Date
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5 FINAL CONNECTION OF CHILLED BEAM TO MAIN PIPING CIRCUIT via 600mm LONG CHW RETURN PIPEWORK TO BE INSTALLED WITH MINIMUM SET-UPS OR SET-DOWN.
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 RT 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.
8. ALL COCKPIT ROOMS SHALL HAVE MINIMUM 20mm DOOR UNDER-CUT.
9. ON PIPEWORK, LOCAL BRANCHES, SERVING CHILLED BEAMS TO BE CONFIGURED AS REVERSE RETURN.
10. REFER TO THE ACoustIC REPORT PREPARED BY ARUP FOR TREATMENT AROUND Duct PENETRATIONS THROUGH MEETING ROOMS & FULL HEIGHT WALLS.

Developer: **lendlease**
Land Lease: **LEND LEASE**
Project Management & Construction: **lendlease**
Design: **Woods Bagot**
Architect: Sarah Kay - Principal Architect | Reg #0285
Structural Engineer: Woods Bagot
Mechanical, Electrical, Hydraulic, Fire Services Engineering: Woods Bagot
Sustainability: Woods Bagot
Project: **North West Plot Darling Harbour Live**
Project Number: 252260 Drawing Number: MB3120100 Revision: B

MECHANICAL SERVICES LEVEL 12
Scale (A0): 1:100
Drawn: LL Checked: Approved: Drawing Status: CONSTRUCTION
Project Number: 252260 Drawing Number: MB3120100 Revision: B