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General Notes

- 1.00 THE CONTRACTOR SHALL BE RESPONSIBLE FOR CO-ORDINATION, DESIGN OF BRACKETS, SUPPORT WORK AND BUILDERSWORK
- 2.00 INSTALL AND CERTIFY THE WORKS IN ACCORDANCE WITH INDUSTRY STANDARD HEALTH & SAFETY & BUILDING CONTROL REQUIREMENTS
- 3.00 THE MECHANICAL CONTRACTOR SHALL SET TO WORK THE WHOLE OF THE INSTALLATIONS, FULLY COMMISSION THE SYSTEMS, IN ACCORDANCE WITH ALL INDUSTRY STANDARDS, BUILDING CONTROL, CLIENT REQUIREMENTS AND GOOD PRACTICE
- 4.00 THE CONTRACTOR SHALL SUBMIT RISK ASSESSMENTS AND METHOD STATEMENTS TO PROJECT MANAGER FOR ALL ELEMENTS OF THE WORKS PRIOR TO WORKS TAKING PLACE
- 5.00 THE CONTRACTOR SHALL SUBMIT DIMENSIONED WORKING DRAWINGS & TECHNICAL SUBMISSIONS FOR APPROVAL TO THE PROJECT MANAGER FOR ALL ELEMENTS OF THE WORKS PRIOR TO PROCUREMENT AND INSTALLATION OF THE WORKS

Contractors' Coordination Responsibility

THE INFORMATION ON THIS DRAWING IS FOR ACE LEVEL ABRIDGED DESIGN DUTY PURPOSES ONLY.

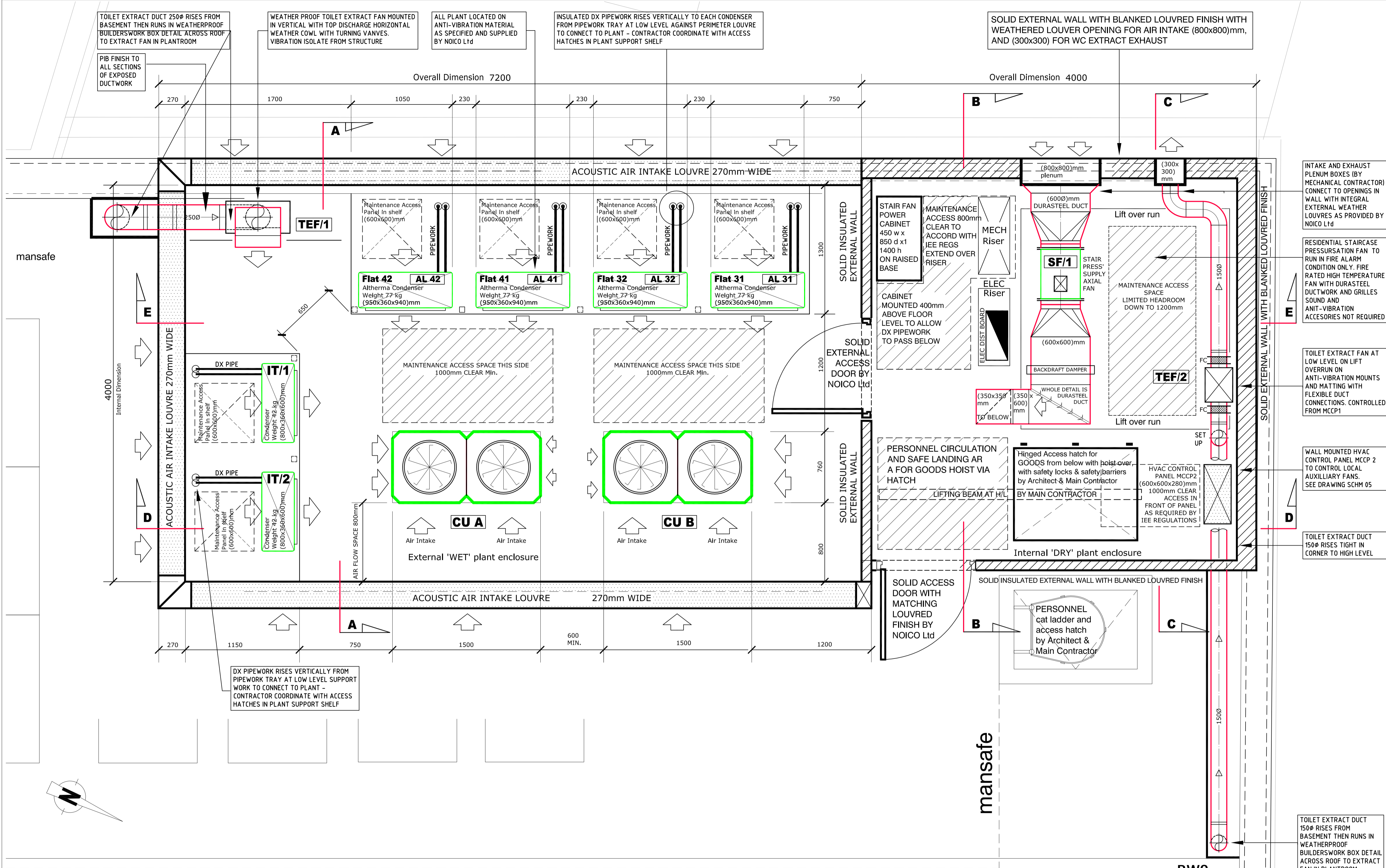
THE CONTRACTOR SHALL PREPARE & SUBMIT DIMENSIONED & FULLY COORDINATED WORKING INSTALLATION DRAWINGS FOR APPROVAL PRIOR TO PROCUREMENT.

THE CONTRACTOR IS RESPONSIBLE FOR FULL COORDINATION & SHALL COORDINATE MECHANICAL, ELECTRICAL, STRUCTURAL, REFLECTED CEILING PLAN & ARCHITECTURAL ELEMENTS OF THE PROJECT.

Important Specification Note

READ ALL NOTES, SCHEDULES & INSTALLATION INSTRUCTIONS ON THIS DRAWING.

NOTES, SCHEDULES AND INSTRUCTIONS FORM PART OF THE SPECIFICATION FOR THE WORKS, AND MAY NOT BE REPEATED IN THE WRITTEN SPECIFICATION.



AC Condenser Plant Schedule SUPPLIED / INSTALLED WITH PIPEWORK TWINNING KIT

REF	SYSTEM	OUTDOOR UNIT MODEL	ELECTRICAL DATA (Amps)				DIMS (mm)			WEIGHT kg	SOUND dBA	AIRFLOW l/s	CoP/EEER
			PH	SC	RC	FUSE	L	D	Ht				
CU A	FIRST & SECOND	REY Q 16 PB	3ph	4.0	21.6	4.0	1300	680	1680	339	62	3000/3000	2.8/3.9
CU B	BASEMENT & GROUND	REY AQ 16 P	3ph	4.0	32.8	4.0	1300	765	1680	339	62	3000/3000	2.8/3.9

IT Room Condenser Plant Schedule

REF	SYSTEM	OUTDOOR UNIT MODEL	Ph	ELECTRICAL DETAILS				DIMS (mm)			WEIGHT kg	SOUND dBA	CHARGE	CONTROLLER
				SC	RC	FUSE	CABLE	L	D	Ht				
CON IT/1	COMMS ROOM 1	RK260G	1Ph 240 V	8.8 A	9.4 A	20A	3c-EARTH	(825x735x300)	47	kg				
CON IT/2	COMMS ROOM 2	RK260G	1Ph 240 V	8.8 A	9.4 A	20A	3c-EARTH	(825x735x300)	47	kg				

Flats Condenser Plant Schedule

REF	SYSTEM	OUTDOOR UNIT MODEL	DUTY kW	ELECTRICAL DATA (Amps)				DIMS (mm)			WEIGHT kg	SOUND dBA	AIRFLOW l/s	CoP/EEER
				PH	SC	RC	FUSE	L	D	Ht				
ECO 31	FLAT 31	ERH Q008 BV3	8.0	1ph				950	360	940	77	42	900	4.18/3.50
ECO 32	FLAT 32	ERH Q008 BV3	8.0	1ph				950	360	940	77	42	900	4.18/3.50
ECO 41	FLAT 41	ERH Q008 BV3	8.0	1ph				950	360	940	77	42	900	4.18/3.50
ECO 42	FLAT 42	ERH Q008 BV3	8.0	1ph				950	360	940	77	42	900	4.18/3.50

Acoustic Roof Enclosure - Specification and division of responsibility

- 1.0 THE ACOSUTIC ROOF ENCLOSURE SHALL COMPRISE THE WHOLE OF THE 'WET' AND 'DRY' PLANTROOM WALLS AND ROOF SECTIONS. THE ENCLOSURE COMPRISES ACOUSTIC INTAKE LOUVRES, ACOUSTIC ROOF BEAMS, WEATHERPROOF AND INSULATED INTERNAL PLANT AREA WITH FALSE EXTERNAL LOUVRES, AND ALL ACCESS DOORS SHOWN. ROOF ACCESS HATCH AND HOISTING TRAPDOOR BY ARCHITECT AND MAIN CONTRACTOR
- 2.0 THE ACOUSTIC ROOF ENCLOSURE SHALL BE DESIGNED, FABRICATED, SUPPLIED (DELIVERED) TO SITE IN MANAGABLE 'FLAT PACK' SECTIONS SIZES TO SUIT SITE CONSIITONS, AND ERRECTED BY NOICO Ltd.
- 3.0 THE MAIN CONTRACTOR SHALL PROVIDE ALL NECESSARY ACCESS FOR DELIVERY TO ROOF AND ACCESS FOR ERRECTION - INCLUDING ALL SCAFFOLDING, HOISTING, CRANAGE AND SAFETY PROVISION. THE MAIN CONTRACTOR SHALL PROVIDE ALL NECESSARY SITE SUPERVISION ATTENDANCE FOR THE NOICO Ltd INSTALLATION WORKS.
- 4.0 THE DESIGN SHALL ACCORD WITH THE ARCHITECTS, STRUCTURAL ENGINEERS AND CLIENT REQUIREMENTS

Auxilliary Fan Plant Schedule

REF	SYSTEM	SUPPLIER	MODEL	TYPE	DESIGN DUTY l/s @ Pa	ELECTRICAL DATA (Amps)			DIMS (mm)			WEIGHT kg	SOUND dBA
						PH	MOTOR	RC	FUSE	L	D		
TEF / 1	OFFICES SOUTH	SYSTEMAIR Ltd	KVK DUO 315 M	OUTDOOR UNIT	270 @ 200	1ph	-	-	-	-	-	-	-
TEF / 2	OFFICES NORTH	SYSTEMAIR Ltd	KVK DUO 200	INDOOR UNIT	125 @ 150	1ph	-	-	-	-	-	-	-
SF / 1	STAIRCASE PRESSURISATION	SYSTEMAIR Ltd	AXC 450-718-2 SMOKE RATED	INDOOR UNIT	800 @ 150	3ph	0.55 kW	1.4	-	500	400ø	21	75

Roof Plant Layout - HIGH LEVEL
Scale 1:20 @ A1

C	CONTRACT ISSUE	1/11/2012
T	TENDER ISSUE	13/06/2011
Rev	Description	Date

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Drawing Title
MECHANICAL SERVICES
ROOF LEVEL PLANT AREA
PLANT LAYOUT - HIGH LEVEL

Scale	1:20 @ A1	Drawn	AK
Date	JUNE 2011	Checked	AK

Drawing Number MK/703/SAMPLE
Revision C

Drawing Status CONTRACT ISSUE