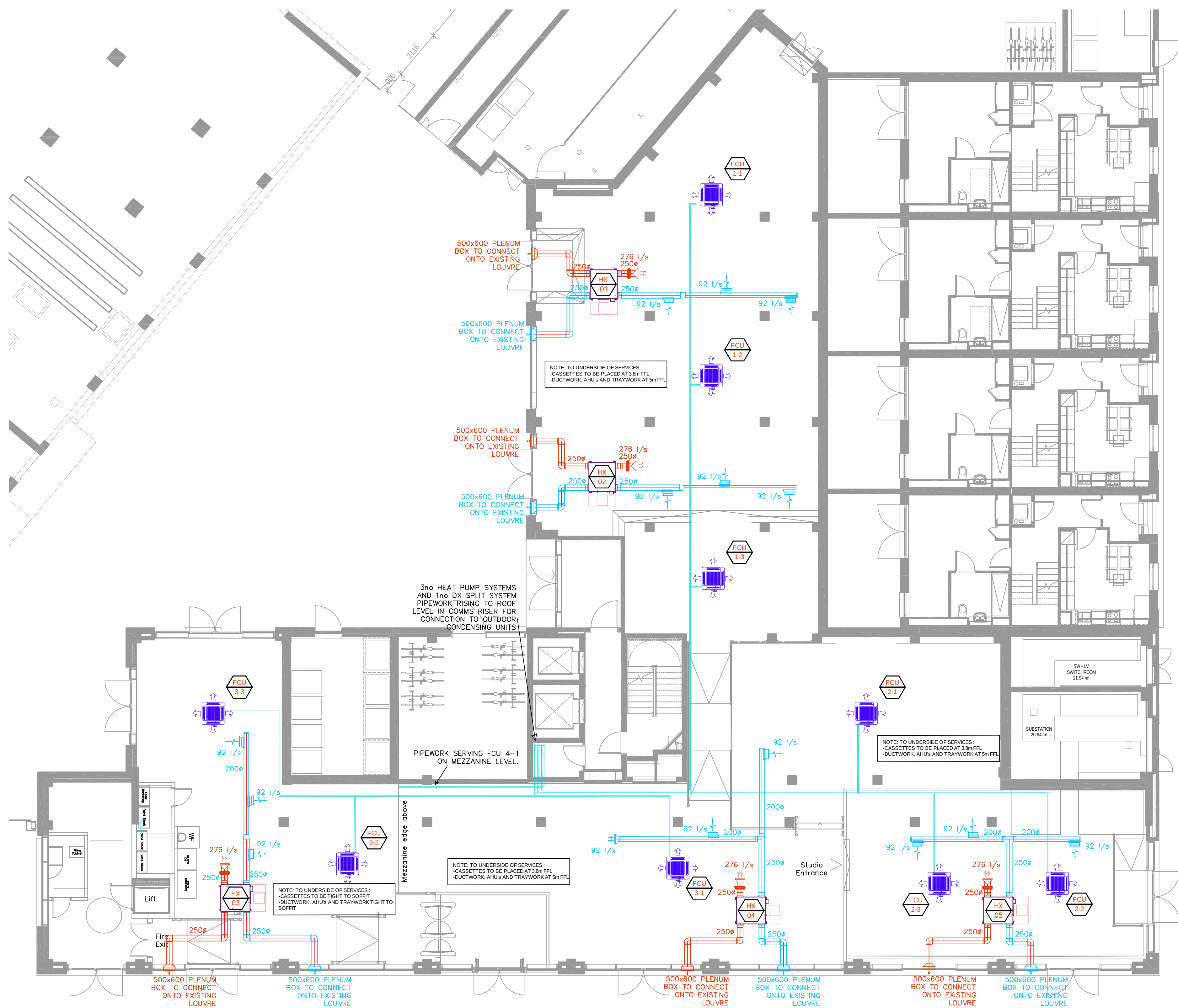


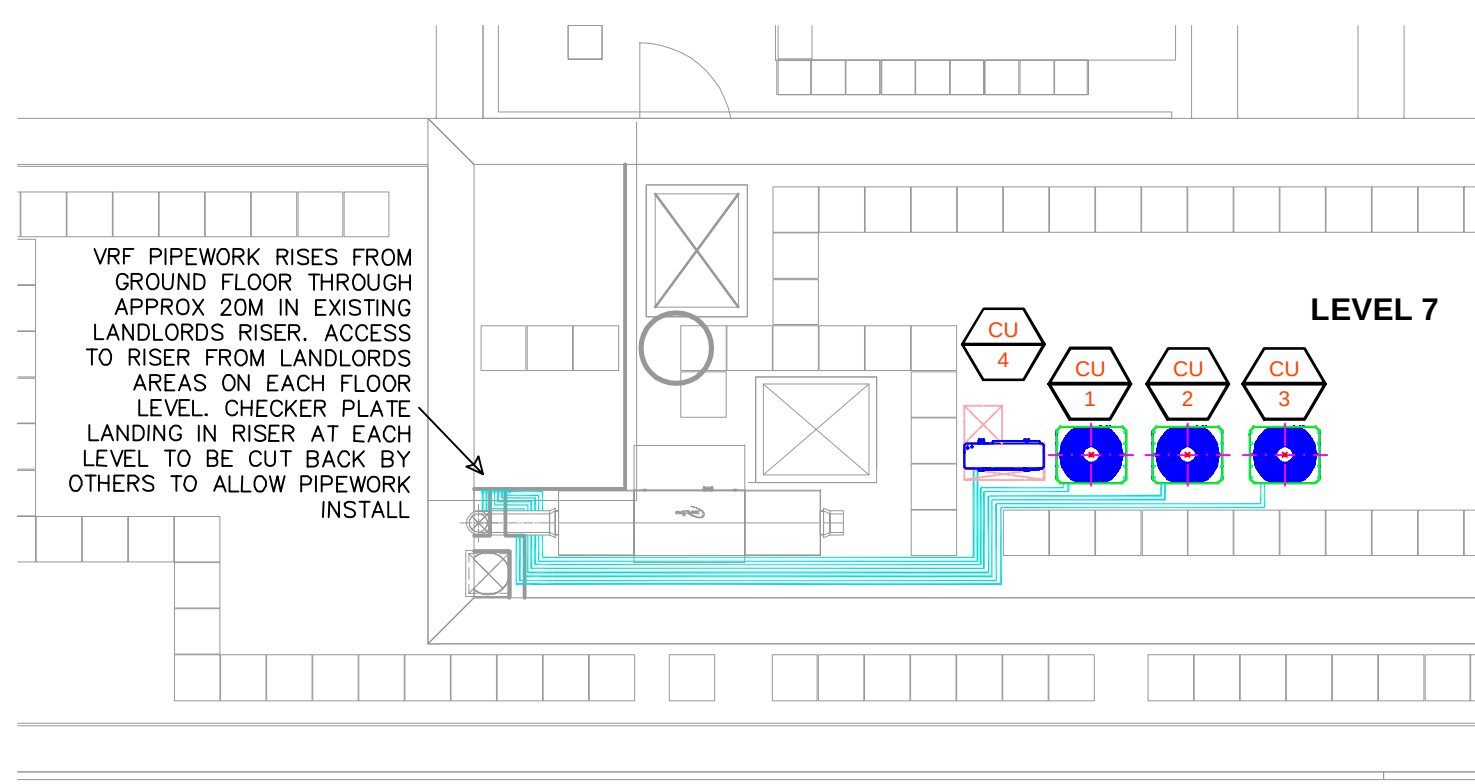


Proposed Ground Floor layout (1:100 @ A1)

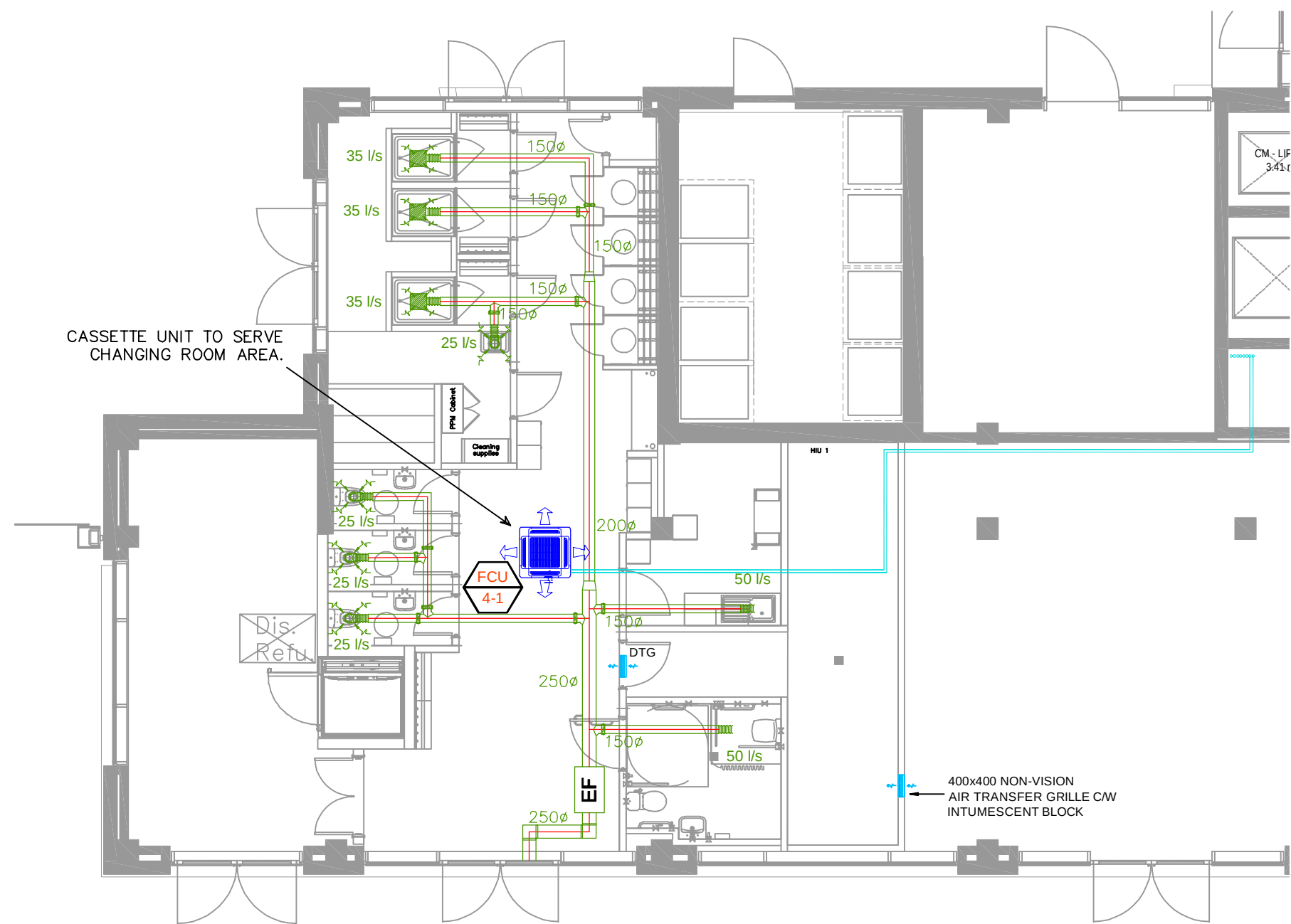
AIR HANDLING UNIT SCHEDULE													Rev:	A
REF	LOCATION	TYPE	MAKE	UNIT MODEL	HEAT EXCHANGE EFFICIENCY (%)	DUTY AIRFLOW (l/s)	DUCT SIZE (mm)	SPL (dBA)	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	WEIGHT (kg)	FUSE RATING (A)	
HX 01	LIFTING ZONE	AHU	mitsubishi	LGH100RVX-E	80-89	278.00	250.00	18-37	404	1144	1004	54	6	
HX 02	FREE WEIGHTS	AHU	mitsubishi	LGH100RVX-E	80-89	278.00	250.00	18-37	404	1144	1004	54	6	
HX 03	ENTRANCE	AHU	mitsubishi	LGH100RVX-E	80-89	278.00	250.00	18-37	404	1144	1004	54	6	
HX 04	GYM FLOOR	AHU	mitsubishi	LGH100RVX-E	80-89	278.00	250.00	18-37	404	1144	1004	54	6	
HX 05	STUDIO	AHU	mitsubishi	LGH100RVX-E	80-89	278.00	250.00	18-37	404	1144	1004	54	6	

AC OUTDOOR UNIT SCHEDULE											Rev:	A
REF	LOCATION	TYPE	MAKE	MODEL	HEATING (kW)	COOLING (kW)	SPL (dBA)	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	WEIGHT (kg)	FUSE RATING (A)
OU 01	ROOF LEVEL	CONDENSER UNIT	MITSUBISHI	PUHY-P300YNW-A1	30.00	29.00	76	1858	740	920	226	25
OU 02	ROOF LEVEL	CONDENSER UNIT	MITSUBISHI	PUHY-P300YNW-A1	30.00	29.00	76	1858	740	920	226	25
OU 03	ROOF LEVEL	CONDENSER UNIT	MITSUBISHI	PUHY-P300YNW-A1	30.00	29.00	76	1858	740	920	226	25
OU 04	ROOF LEVEL	CONDENSER UNIT	MITSUBISHI	PUZ-ZM50VKA2	5.10	4.60	46	630	809	300	46	19

REF	
	EF 01



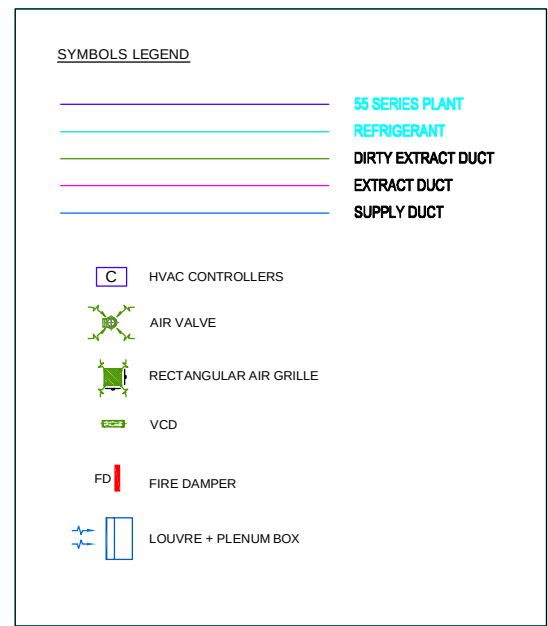
Proposed Roof Level layout (1:100 @ A1)



Proposed Mezzanine Floor layout (1:100 @ A1)

AC INDOOR UNIT SCHEDULE											Rev:	A
REF	OU REF	LOCATION	TYPE	MAKE	MODEL	HEATING (kW)	COOLING (kW)	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	WEIGHT (kg)	FUSE RATING (A)
FCU 1-1	CU1	LIFTING ZONE	CASSETTE UNIT	MITSUBISHI	PLFY-M125VEM-E	12.50	11.50	298	840	840	24	6
FCU 1-2	CU1	FREE WEIGHTS	CASSETTE UNIT	MITSUBISHI	PLFY-M125VEM-E	12.50	11.50	298	840	840	24	6
FCU 1-3	CU1	FREE WEIGHTS	CASSETTE UNIT	MITSUBISHI	PLFY-M125VEM-E	12.50	11.50	298	840	840	24	6
FCU 2-1	CU2	FUNCTIONAL	CASSETTE UNIT	MITSUBISHI	PLFY-M125VEM-E	12.50	11.50	298	840	840	24	6
FCU 2-2	CU2	STUDIO	CASSETTE UNIT	MITSUBISHI	PLFY-M125VEM-E	12.50	11.50	298	840	840	24	6
FCU 2-3	CU2	STUDIO	CASSETTE UNIT	MITSUBISHI	PLFY-M125VEM-E	12.50	11.50	298	840	840	24	6
FCU 3-1	CU3	GYM FLOOR	CASSETTE UNIT	MITSUBISHI	PLFY-M125VEM-E	12.50	11.50	298	840	840	24	6
FCU 3-2	CU3	GYM FLOOR	CASSETTE UNIT	MITSUBISHI	PLFY-M125VEM-E	12.50	11.50	298	840	840	24	6
FCU 3-3	CU3	GYM FLOOR	CASSETTE UNIT	MITSUBISHI	PLFY-M125VEM-E	12.50	11.50	298	840	840	24	6
FCU 4-1	CU4	MEZZANINE CHANGING	CASSETTE UNIT	MITSUBISHI	PLA-ZM50EA2	5.10	4.60	298	840	840	24	6

FAN SCHEDULE											Rev:	A	
REF	LOCATION	TYPE	MAKE	MODEL	DUTY (m3/s)	Resistance (Pa)	DUCT SIZE (mm)	SPL (dBA)	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	WEIGHT (kg)	FUSE RATING (A)
EF 01	SERVICE CORRIDOR	EC CENTRIFUGAL	HELIOS	SVR EC 315B	0.40	125	315	43	456	639	671	34	16 - SPN



15/01/2023

MEZZANINE AC SYSTEM ALTERATION

14/12/22

PROPOSED LAYOUT

Date

Revisions

PROPOSED LAYOUT

MECHANICAL SERVICES
GROUND & MEZZANINE FLOOR
AIR CONDITIONING AND VENTILATION

Job Title

PUREGYM
SEVEN SISTERS

TaylorGrace

PACKETTING REPEATER STATION
COVENTRY RD, MENDEN
WEST MIDLANDS
CV7 7HJ
Tel 01676 522 901 Fax 01676 522 902
Email: office@taylorgrace.co.uk

Scale

1:100

Size

A1

Date

14/12/22

Drawn

JIO

DWG No.

1GAC-4968-M-55-GF&MZ

Rev.

B