



- ### GENERAL NOTES
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL ASSOCIATED SERVICES DRAWINGS, ARCHITECTS AND STRUCTURAL DRAWINGS TOGETHER WITH THE SCHEMATIC DRAWINGS AND ALL MECHANICAL, ELECTRICAL AND OTHER RELEVANT SPECIFICATIONS.
 2. ALL SERVICES INSTALLATIONS SHALL BE CO-ORDINATED AND FULLY INTEGRATED WITH THE MECHANICAL AND ELECTRICAL SERVICES, ARCHITECTURAL FEATURES, SPECIALIST PLANT AND STRUCTURAL ELEMENTS.
 3. THE SERVICES CONTRACTORS SHALL FAMILIARISE THEMSELVES WITH THE MECHANICAL AND ELECTRICAL SERVICES, ARCHITECTURAL FEATURES, SPECIALIST PLANT AND STRUCTURAL ELEMENTS.
 4. THE INSTALLING SUB-CONTRACTOR SHALL ISSUE FULL 'WORKING DRAWINGS' IN LINE WITH THE SPECIFICATION PROVIDED. THE 'WORKING DRAWINGS' SHALL BE ISSUED TO ALL DESIGN TEAM MEMBERS FOR THEIR COMMENT PRIOR TO INSTALLATION. THE INSTALLATION AND CO-ORDINATION OF SERVICES WITH OTHER SERVICES, THIRD PARTY SUPPLIERS AND THE BUILDING FABRIC IS THE RESPONSIBILITY OF THE INSTALLING SUB-CONTRACTOR.

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SAFETY, HEALTH & ENVIRONMENTAL INFORMATION

Refer to the DDA Ltd project specific risk assessment and design criteria for the M&E services installation. The installing contractor must provide method statements for the installation works and agree all works in advance with the main contractor.

It is assumed that all works associated with this drawing will be carried out by competent operatives working, where appropriate, to an approved method.

NOTES

- PLANT ENCLOSURE c/w ACCESS DOOR BY PROJECT ARCHITECT.
- 700x300 HOLE THROUGH WALL FOR VRF AND DX AC REFRIGERATION PIPEWORK. HOLE TO BE WEATHER SEALED TO ARCHITECTS DETAIL.
- 500x500 FRESH AIR IN LOUVRE SERVING STAFF FACILITIES HEAT RECOVERY UNIT. LOUVRE c/w 50% FREE AREA WITH ANTICIPATED VELOCITY OF 2.5m/s MAXIMUM. REFER TO ELEVATION B, DRAWING NO. M50-EX02.
- 500x500 EXHAUST LOUVRE SERVING STAFF FACILITIES HEAT RECOVERY UNIT. LOUVRE c/w 50% FREE AREA WITH ANTICIPATED VELOCITY OF 2.5m/s MAXIMUM. REFER TO ELEVATION B, DRAWING NO. M50-EX02.
- PLANT ENCLOSURE c/w ACCESS DOOR BY PROJECT ARCHITECT.

NEW GRP GAS KIOSK TO HOUSE GAS METER (U60 METER) TO BE SPECIFIED AND SUPPLIED BY DEVELOPER (MAXIMUM KW PEAK - 300KW / HOUR) - DIMENSIONS TO BE CONFIRMED.
 INCOMING 600 PROTECTA LINE WATER SUPPLY - 1.5% AVERAGE FLOW RATE. WATER METER TO BE FITTED IN PLANT ROOM.

FOR PLANNING

Rev	Date	Description	Eng
C	02/05/2017	MECHANICAL EQUIPMENT REMOVED FROM DRAWING.	AP
B	03/04/2017	XREF UPDATED TO LATEST.	AP
A	01/04/2017	AC CONDENSERS RELOCATED.	AP



Drawing Title: EXTERNAL MECHANICAL SERVICES LAYOUT

Scale at A0: 1:100 Date: 26-03-20

Drawn: A. PARRY	Engineer: A. PARRY
Status: PLANNING	Checked: P. GUEST
Drawing No: 19/3359/M50/EX01	Rev: C