



THIS DRAWING IS INDICATIVE AND REPRESENTS ONLY THE DESIGN INTENT, THE CONTRACTOR MUST PRODUCE FULLY CO-ORDINATED WORKING / INSTALLATION DRAWINGS AS REFERRED TO IN THE CONTRACT DOCUMENTATION

NOTES

- DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS INDICATED ARE IN MILLIMETRES
- DRAWING TO BE READ IN CONJUNCTION WITH SPECIFICATION, DOCUMENTATION, DRAWINGS & ALL RELEVANT BRITISH STANDARD DOCUMENTS
- ALL ELECTRICAL WORKS SHALL COMPLY WITH 18TH EDITION IEE WIRING REGS BS7671:2018+A2:2022, INCLUDING ALL CURRENT AMENDMENTS AND GUIDANCE NOTES AND THE CURRENT BUILDING STANDARDS REGULATIONS
- THE INSTALLATION SHALL ONLY BE CERTIFIED BY A PERSON OR A COMPANY HAVING MEMBERSHIP TO S.E.L.E.C.T. OR N.I.C.E.I.C. OR SIMILAR ELECTRICAL SCHEMES
- THE FIRE ALARM SYSTEM SHALL BE DESIGNED AND INSTALLED TO MEET THE REQUIREMENTS OF AN L1 M1 SYSTEM AS DEFINED IN BS5839-6:2019+A1:2020 AND BS5839-4:2017. INFORMATION ON THIS DRAWING DENOTES DESIGN INTENT ONLY. FINAL DETAILED DESIGN TO BE COMPLETED BY FIRE ALARM SPECIALIST
- FIRE ALARM SYSTEM TO BE FULLY TESTED AND COMMISSIONED UPON COMPLETION OF WORKS PRIOR TO HANDOVER
- THE FIRE ALARM PANEL SHALL BE PROVIDED WITH AN ISOLATION KEY SWITCH MOUNTED ON THE PANEL TO ALLOW TESTING OF THE FULL SYSTEM WITHOUT EFFECTING THE PREDEFINED INTERFACE UNITS
- DETECTORS SHALL GENERALLY BE PROGRAMMABLE COMBINED SMOKE/HEAT, PROGRAMMED AS DETAILED. ALL DETECTORS TO BE LOOP POWERED
- ALL CLEAR VOIDS OVER 800mm SHALL BE FITTED WITH VOID DETECTION IN COMPLIANCE WITH BS 5839-1
- INDICATIVE DEVICES SHOWN ON LOOP TO PROVIDE DESIGN INTENT. FINAL DESIGN TO TAKE IN TO ACCOUNT NUMBER OF DEVICES ON LOOP
- FIRE ALARM INTERFACE MODULES SHALL BE INSTALLED AT SUITABLE LOCATIONS THROUGHOUT THE BUILDING FOR APPLICABLE EQUIPMENTS AND FOR PLANT SHUTDOWN.
- ALL WIRING ASSOCIATED WITH THE FIRE ALARM SYSTEM TO BE FIRE RESISTANT LSOH CABLES. FIRE RESISTANCE SHALL BE BY MEANS OF COPPER CONDUCTORS SRI INSULATED TO BS6889 LONGITUDINALLY FOLDED LSOH COATED ALUMINIUM FOIL STRIP WITH LSOH. THE CABLES ARE TO BE 300/500V TO BS7629
- ALL WALLS PENETRATED BY SERVICES TO HAVE HOLES SEALED WITH INTUMESCENT FOAM AND PILLOWS WHERE NECESSARY TO PROVIDE FIRE RESISTANCE TO MATCH WALL
- EVERY SERVICE, FITTING AND PIECE OF EQUIPMENT IS PROVIDED SO AS TO SERVE A PURPOSE OF THE BUILDING REGULATIONS AND IS TO BE DESIGNED, INSTALLED AND COMMISSIONED IN SUCH A WAY TO FULFIL THOSE PURPOSES
- TFS TO REVIEW SMOKE DETECTION AND ALARM REQUIREMENTS.
- TFS RESPONSIBLE FOR COMMISSIONING OF THE SYSTEM
- ALL FINAL SETTING OUT BY JFA ARCHITECTS.
- REFER TO HRP 'Guidance: Fire Strategy' FOR FURTHER GUIDANCE.

P04	DRAFT TENDER ISSUE	TG	JR	A3	29.10.25
P03	STAGE 4B UPDATE	JG	JR	A3	18.07.25
P02	STAGE 4B ISSUE	JG	JR	A3	13.06.25
P01	STAGE 4A ISSUE	JG	JR	A3	04.04.25

REV	DESCRIPTION	BY	CHK	APP	DATE
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Project Status:  
**DRAFT TENDER ISSUE**



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BUILDING THE FUTURE

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Project: 313293  
**TOWER OF LONDON  
REVELLER**

Drawing Title:  
**FIRE ALARM SCHEMATIC**

Scale @ A1 NTS	Date APR 2025	Engineer JR	Revision P04
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