

ALL GREYED ITEMS ARE OUTSIDE THE SCOPE OF THIS DRAWING

FOR ANY SIZE OF DUCT, THE TENSILE STRESS IN THE STEEL HANGERS MUST NOT EXCEED THE MAXIMUM PERMITTED STRESS FOR EACH FIRE RESISTANCE PERIOD BASED ON BS 5950: PART 8: 2003. IF THESE STRESS LEVELS ARE EXCEEDED, THEN THE SIZE OF THE HANGER RODS MUST BE INCREASED, THE CENTRES OF THE HANGERS REDUCED OR THE HANGERS PROTECTED. THE PENETRATION OF THE HANGER FIXINGS INTO ANY CONCRETE SOFFIT SHOULD BE A MINIMUM OF 50MM FOR 120 MINUTES RATINGS OR 65MM FOR 240 MINUTES RATINGS.

EXPECTED 150x150mm DURASTEEL DUCT FOR 50mm CABLE TRAY TO ALLOW CLEARANCE AROUND THE CABLE TRAY








- DETAIL OF EXACT ENTRY POINT INTO LIFT SHAFT TO PROVIDE POWER TO BE CONFIRMED
- EXISTING BWHS TO BE REPURPOSED.
- FIRE SEALED AT THIS POINT
- TRAY TO BE PROTECTED VIA DURASTEEL OR SIMILAR
- LOCATION OF 1No. NEW ISOLATOR DEDICATED FOR LIFT SUPPLY PROTECTED WITHIN FIRE PROOF ENCLOSURE
- AUTOMATIC TRANSFER SWITCH FOR THE LIFT
- TRAY TO BE PROTECTED VIA DURASTEEL OR SIMILAR
- MAIN BUSBAR (EXISTING)
- DB-RAMP
- POSITION OF EXISTING BUSBAR. REFER TO THE LV SCHEMATIC FOR CONNECTION DETAILS.

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.
- THIS IS NOT A CONSTRUCTION DRAWING.
- DRAWING TO BE READ IN CONJUNCTION WITH SPECIFICATION, DOCUMENTATION, DRAWINGS & ALL RELEVANT BRITISH STANDARD DOCUMENTS
- THE WORKS COMPRISE MANUFACTURING, FACTORY TESTING, SUPPLY, DELIVERING TO SITE, MANEUVERING INTO POSITION, ERECTION, CONNECTING UP, TESTING, COMMISSIONING, PERFORMANCE TESTING AND HANDING OVER IN WORKING ORDER THE COMPLETE ELECTRICAL INSTALLATION.
- CONTAINMENT SYSTEMS AND ASSOCIATED FITTINGS SHALL BE MANUFACTURED IN ACCORDANCE WITH THE REQUIREMENTS OF BS EN 61537.
- MANUFACTURER'S BENDS, TEES, REDUCERS ETC. SHALL BE USED THROUGHOUT AND SIZED TO SUIT THE BENDING RADIUS.
- CONTAINMENT SHALL BE SIZED TO INCLUDE THE SPARE CAPACITY PERCENT AS REQUESTED IN THE SPECIFICATION.
- CONTAINMENT SHALL BE COORDINATED WITH THE BUILDING STRUCTURE AND OTHER SERVICES WITHIN THE BUILDING.
- WHERE SERVICES PASS THROUGH A FIRE RATED COMPARTMENT THE OPENINGS SHALL BE CORRECTLY SEALED AS TO MAINTAIN THE FIRE INTEGRITY OF THE ENCLOSURE.
- THE CONTRACTOR MUST TAKE THE UTMOST CARE WHEN INSTALLING THE CONTAINMENT AND DRILLING NEW HOLES FOR SUPPORTS, THE APPROPRIATE COMMUNICATION MUST BE TAKEN BETWEEN HRP, HAH AND THE ARCHITECT.
- ALL FINAL SETTING OUT BY JFA ARCHITECTS.

LEGEND

-  SUBMAIN CABLE TRAY
-  LV CABLE TRAY
-  ELV CABLE BASKET
-  FIRE ALARM CABLE TRAY
-  LIGHTING AND BLINDS CABLE TRAY
-  DISTRIBUTION BOARD
-  PANEL BOARD

P07	DRAFT TENDER ISSUE	JR	JR	A3	29.10.25
P06	STAGE 4B UPDATE	TG	JR	A3	18.07.25
P05	STAGE 4B ISSUE	TG	JR	A3	13.06.25
P04	STAGE 4A ISSUE	JG	JR	A3	04.04.25
P03	LIFT SUPPLY	JG	JR	A3	13.02.25
P02	STAGE 3 ISSUE	TG	JR	A3	25.11.24
P01	STAGE 3 COORDINATION ISSUE	JG	JR	A3	08.11.24
REV	DESCRIPTION	BY	CHK	APP	DATE

Project Status:

DRAFT TENDER ISSUE



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TOWER OF LONDON
REVELLER

Drawing Title:

MOAT LEVEL
CONTAINMENT LAYOUT

Scale @ A1

1:100

Date

NOV 2024

Engineer

JR

Drawing No.

313293-HAH-01-UB-D-E-06101

Revision

P07