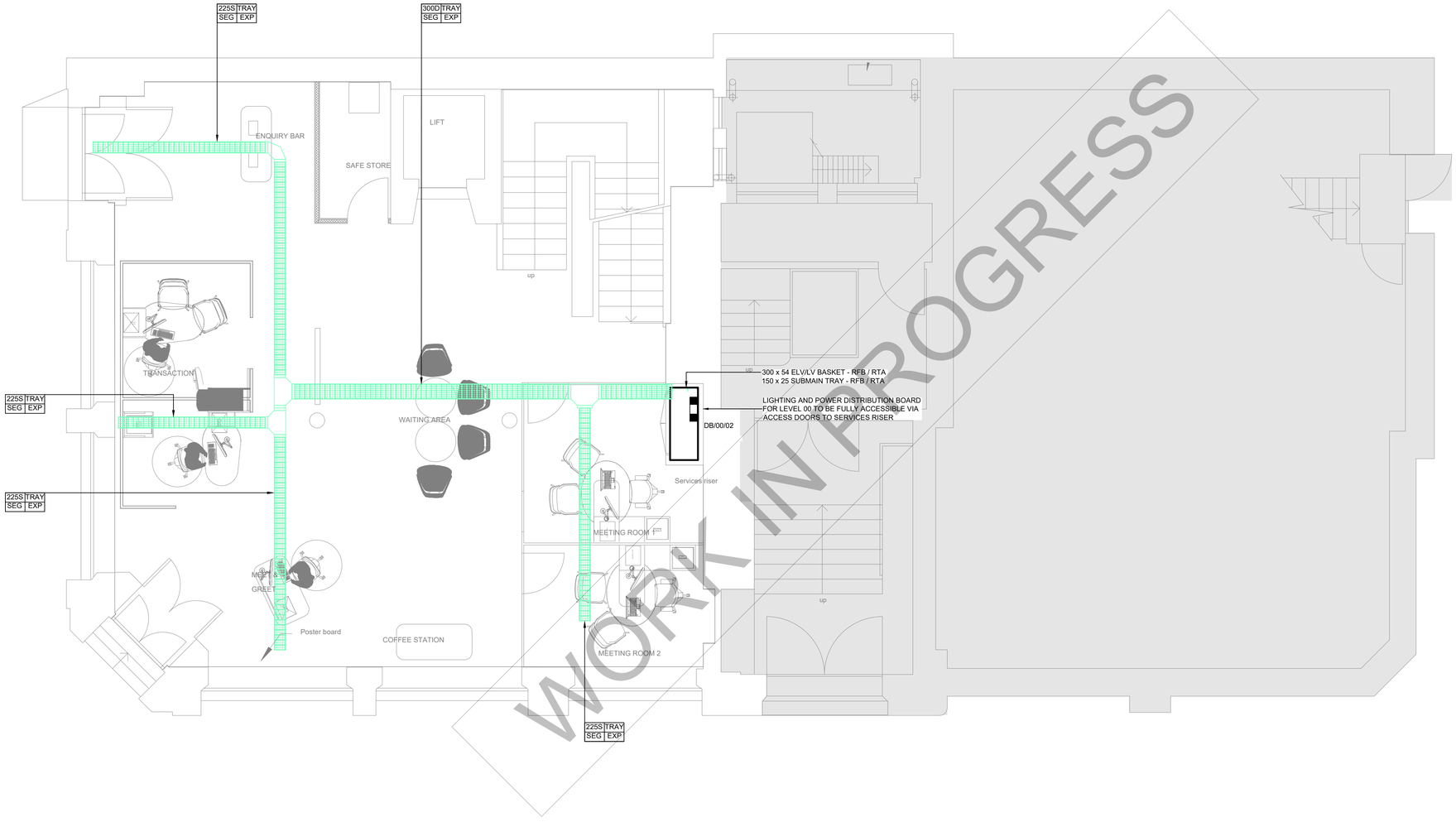
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DO NOT SCALE FROM THIS DRAWING.
CHECK ON SITE AND REPORT ALL DISCREPANCIES TO CLARK DEGNAN LIMITED.



WORK IN PROGRESS

NOTES - GENERAL

1. DO NOT SCALE FROM THIS DRAWING.
2. THIS IS NOT AN INSTALLATION DRAWING.
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE MECHANICAL AND ELECTRICAL TENDER SPECIFICATIONS, AND ALL ACCOMPANYING TENDER DRAWINGS AND SPECIFICATIONS, INCLUDING ARCHITECTURAL, STRUCTURAL ENGINEERING, CIVIL ENGINEERING, MEP AND OTHER THIRD PARTY DESIGNERS.
4. ALL SERVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE RELEVANT STANDARDS AND WORKMANSHIP CLAUSES DETAILED WITHIN THE ACCOMPANYING SPECIFICATION (WHERE PROVIDED).
5. THE DESIGN AND INSTALLATION SHALL COMPLY WITH THE BUILDING REGULATIONS, BRITISH STANDARDS, EU LEGISLATION, STATUTE, CIBSE GUIDES, CIBSE COMMISSIONING CODES, B&ES, H&S GUIDANCE AND ACOP'S, THE GAS REGULATIONS AND ALL OTHER APPLICABLE REGULATIONS.
6. THE CONTRACTOR SHALL ALLOW FOR SPECIALIST COMMISSIONING OF ALL ELECTRICAL SYSTEMS BY THE MANUFACTURER OR MANUFACTURERS APPOINTED AGENT.
7. FOLLOWING COMPLETION OF THE INSTALLATION, THE SYSTEMS SHALL BE TESTED AND COMMISSIONED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
8. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
9. PRIOR TO INSTALLATION, THE CONTRACTOR SHALL SEEK CONFIRMATION OF ACCEPTANCE OF THE PROPOSALS BY THE BUILDING CONTROL OFFICER.
10. THE ELECTRICAL INSTALLATIONS SHALL BE COMPLIANT WITH THE REQUIREMENTS OF BS 7671:2018. THE CONTRACTOR SHALL CARRY OUT ALL TESTING AND INSPECTION WORKS IN STRICT ACCORDANCE WITH BS 7671.
11. APPLIANCES AND EQUIPMENT FUSED CONNECTION UNITS AND ISOLATORS SHALL BE ENGRAVED TO INDICATE THE EQUIPMENT THEY SERVE.
12. ACCESS PANELS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR TO ALLOW ELECTRICAL, ISOLATORS, CONTROLLERS, ETC. TO BE EASILY ACCESSED AND MAINTAINED.
13. ALL ELECTRICAL ACCESSORIES LOCATED IN SERVICE RISERS, PLANT/SWITCH ROOMS SHALL BE OF THE METAL CLAD TYPE. CABLING TO THESE ACCESSORIES SHALL BE BY GALVANISED STEEL TRUNKING OR CONDUIT.
14. CONTAINMENT, BUSBARS AND ELECTRICAL ACCESSORIES PASSING THROUGH FIRE COMPARTMENTS SHALL BE SUITABLY FIRE SEALED/STOPPED.

NOTES - CONTAINMENT

1. CONTAINMENT, ELECTRICAL ACCESSORIES, ETC. PASSING THROUGH FIRE COMPARTMENTS SHALL BE SUITABLY FIRE SEALED.
2. ACCESS PANELS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR TO ALLOW ELECTRICAL, ISOLATORS, CONTROLLERS, ETC. TO BE EASILY ACCESSED AND MAINTAINED.
3. WHERE DIFFERENT CABLE CATEGORIES ARE INSTALLED ON/IN COMMON CONTAINMENT, SUITABLE METAL SEGREGATION STRIPS SHALL BE INSTALLED.
4. ALL CABLE CONTAINMENT SHALL BE CONCEALED IN CEILING VOIDS, FLOOR VOIDS, RISERS, ETC. VISIBLE CONTAINMENT WILL ONLY BE PERMITTED IN PLANT ROOMS.
5. ALL CABLE TRAY INSTALLED SHALL AS A MINIMUM BE MEDIUM DUTY.

LEGEND

DB/XX/XX — TPN DISTRIBUTION BOARD

THREE PHASE DNO CUT OUT AND METER ASSEMBLY

COMBINER LV/ELV CABLE TRAY WITH SEGREGATION

SUBMAIN CABLE TRAY

A	B
C	D

ELECTRICAL CONTAINMENT SIZE/TYPE SUMMARY

A - CONTAINMENT SIZE (MM)
B - CONTAINMENT TYPE
- BSKT - CABLE BASKET
- TRAY - CABLE TRAY
- LDR - CABLE LADDER

C - CIRCUIT CATEGORY
- SU/LV - SUBMAIN & LOW VOLTAGE
- D/ELV - DATA & EXTRA LOW VOLTAGE
- LV - LOW VOLTAGE
- FA - FIRE ALARM
- SEG - LV/ELV/FA WITH SEGREGATION

D - INSTALLATION LOCATION
- CV - CEILING VOID
- FV - FLOOR VOID
- HL - HIGH LEVEL
- LL - LOW LEVEL
- EXP - EXPOSED

SUFFIX 'S' DENOTES CABLE BASKET HAS A DEPTH OF 54mm
SUFFIX 'D' DENOTES CABLE BASKET HAS A DEPTH OF 105mm
EXAMPLE:

150S	BSKT
D/ELV	CV

150mm X 54mm BASKET

150D	BSKT
D/ELV	CV

150mm X 105mm BASKET

ALL CONTAINMENT TRAY TO BE SUSPENDED 50mm BELOW DOWNSTANDS/BEAMS

Rev	Amendment	Date	By
00	COMMENT ISSUE	30.08.24	CC
01	COMMENT ISSUE	23.09.24	CC
T1	TENDER ISSUE	03.10.24	CC

ACTIVITY	RESIDUAL RISKS	CONTROL MECHANISM & COMMUNICATION
SITE DELIVERY OF MATERIALS, E.G. SWITCHGEAR, CONTAINMENT, LUMINAIRES	- VEHICLE TO PERSON COLLISIONS - MANUAL HANDLING	NOTIFY ALL PARTIES CONCERNED OF DELIVERY DATES AND TIMES. ENSURE ALL PARTIES ARE FULLY AWARE OF SITE LIMITS AND ACCOUNTED FOR RESTRICTED LOAD/UNLOAD AND RESTRICTED ACCESS TIMES.
TEMPORARY ELECTRICAL SERVICE INSTALLATIONS TO SITE AND SITE COMPOUNDS	- ELECTRIC SHOCK	ENSURE ALL SUPPLIES ARE INSTALLED IN ACCORDANCE WITH BS 7671:2018 AND ARE LOCATED IN SECURE LOCATIONS THAT ARE ONLY ACCESIBLE FOR QUALIFIED AND SUITABLY TRAINED STAFF.
EXTERNAL WORKS AND POSSIBLE PRESENCE OF EXISTING UNDERGROUND SUPPLIES	- DAMAGE TO EXISTING SUPPLIES/ELECTRIC SHOCK	OBTAIN DETAILS OF LOCAL UNDERGROUND SERVICES. CONFIRM LOCATIONS OF SERVICES BY CAREFUL HAND SURVEY OF THE PROPOSED ROUTES. SURVEY PROPOSED ROUTES NOTING OBSTRUCTIONS. HAND DIG ANY AREAS IDENTIFIED AS CONTAINING UNKNOWN ELEMENTS.
ON SITE USE OF TEMPORARY ELECTRICITY SUPPLIES TO PORTABLE EQUIPMENT	- TRIPPING FROM TRAILING LEADS	MINIMISE THE LENGTH OF TRAILING LEADS. LEADS TO BE ROUTED AND CLIPPED TO WALLS AT HIGH LEVEL WHERE POSSIBLE. PREFERRED ROUTES TO BE IDENTIFIED ON PLANS AND HELD BY THE MAIN CONTRACTOR.
DRILLING/CHASING OF WALLS FOR CONTAINMENT FIXINGS.	- DUST INJURY TO EYES - INHALATION OF DUST	APPROPRIATE PPE TO BE USED, E.G. EYE PROTECTION AND DUST MASKS.
HANDLING OF HEAVY EQUIPMENT	- INJURY - MUSCLE STRAIN - BONE FRACTURE	ENSURE ADEQUATE LABOUR/MECHANICAL HANDLING EQUIPMENT IS AVAILABLE. ADHERE TO GOOD PROCEDURES AND WORKING PRACTICES FOR LIFTING OPERATIONS.
GENERAL WORKING	- INJURY TO SITE PERSONNEL AND VISITORS	SITE ACCESS TO BE RESTRICTED AND CONTROLLED. ALL SITE PERSONNEL AND VISITORS TO BE INDUCTED BY THE MAIN CONTRACTOR. ALL APPROPRIATE WORKING ON OR ADJACENT TO THE PUBLIC HIGHWAY TO BE CONTROLLED. ENVIRONMENT THEY ENTER OR PASS THROUGH.

TENDER

ARCHITECT'S DRAWING REFERENCE	REVISION
24003-07	N/A

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Client: NEWCASTLE BUILDING SOCIETY

Project Title: 74 KING STREET MANCHESTER

Drawing Title: ELECTRICAL SERVICES PROPOSED LV DISTRIBUTION & PRIMARY CONTAINMENT LAYOUT - LEVEL 00

Drawn By	Checked By	Approved By
GDC	EWR	CD

Contract No.	Date	Scale @ A1
24427	06.08.24	1:50@A1

Status: TENDER

Drawing Number: **24427-CDL-XX-00-DR-E-6102**

Rev: **T1**

Suitability: **TE**