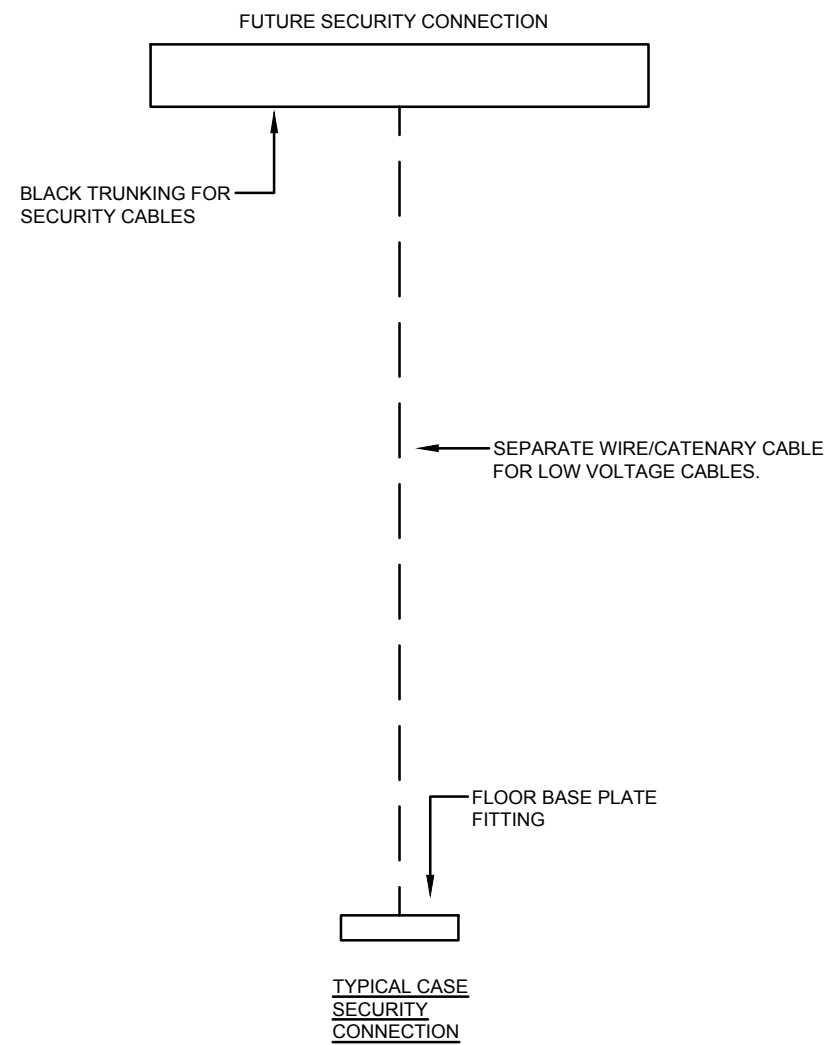
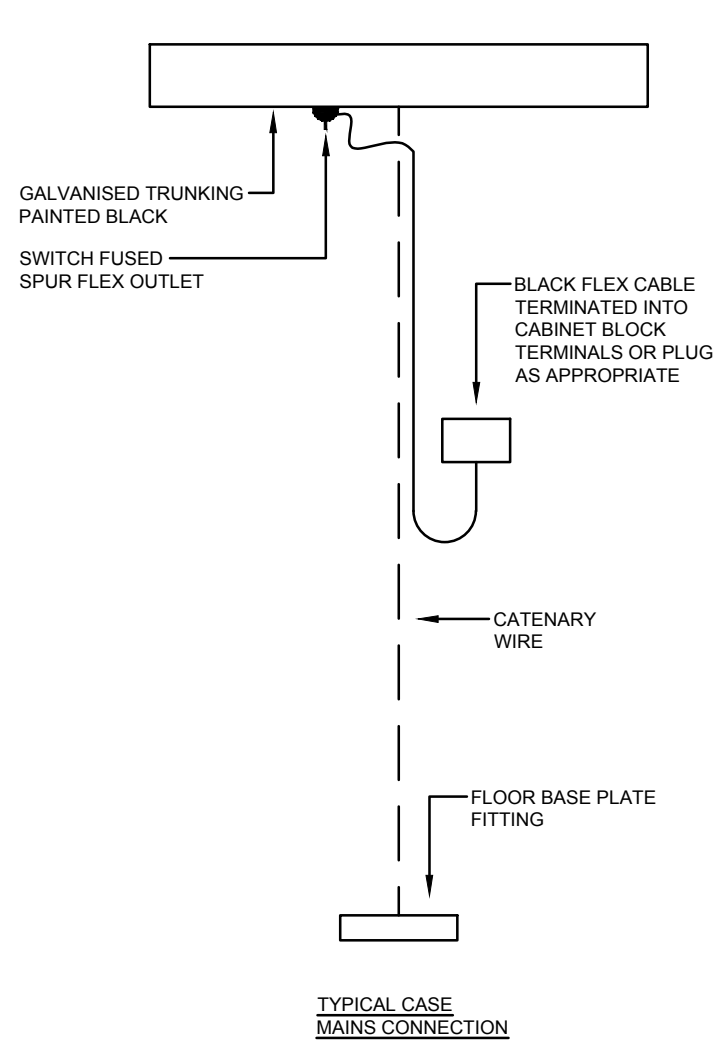


PROJECT:	National Museums Liverpool Sea Galleries	PROJECT REF: 5003	SHEET NO: 1 of 1
----------	---	----------------------	---------------------

DISTRIBUTION LIST P – PAPER D – DISC E – E-MAIL	DAY	29							
	MONTH	07							
	YEAR	19							
National Museums Liverpool	E								
PURPOSE OF ISSUE:	TN								

Page 1



Notes :

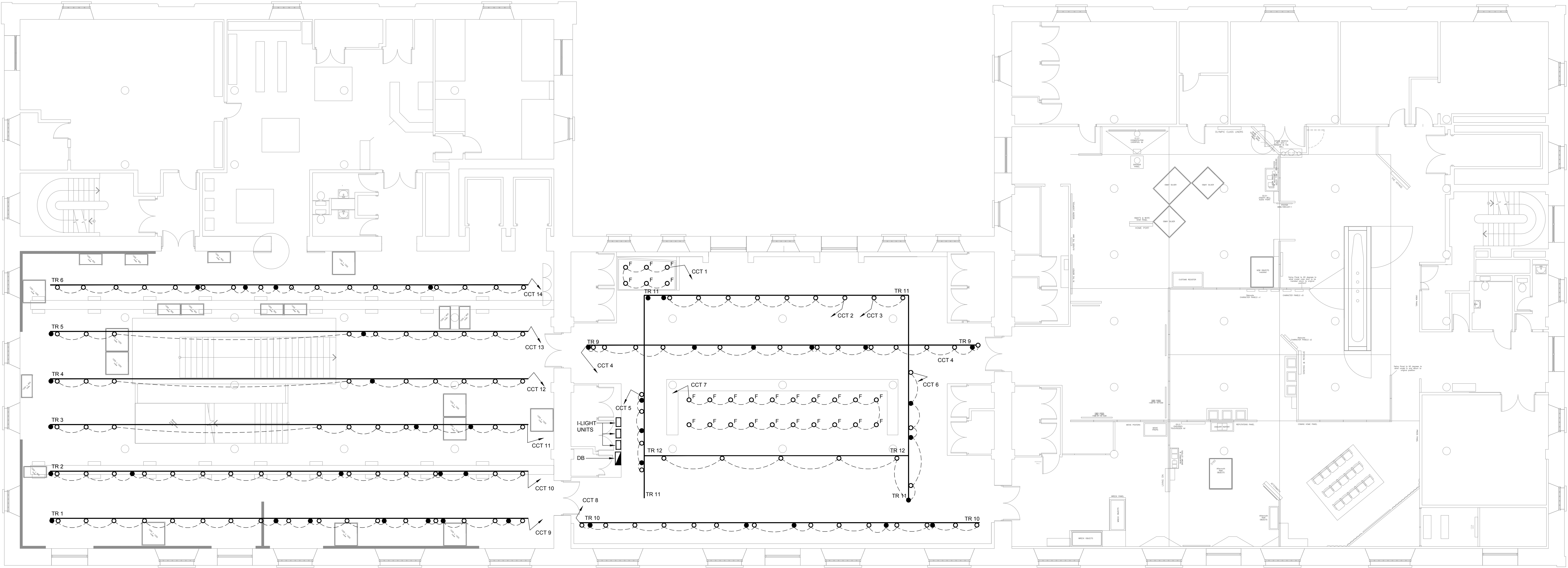
Revision	Date	Description
Project - Maritime Museum Liverpool Sea Galleries		
Title - Case Mains Connection and Security Connection Details		
Scale - nts @ A3		Design by - MD
Date - 26.07.19		Cad by - JEC
Drawing No. - 5003-KGA-00-XX-DR-E-200		Revision - -

KGA (UK) Ltd
Chartered Building Services
Consulting Engineers
Trinity Chambers
10 Ivy Street
Birkenhead
Merseyside
CH41 5EF

T : 0151 647 5021
E : eng@kga.co.uk

F : 0151 647 6955
W : www.kga.co.uk





NOTES:

1. SEE QUOTATION FROM ILLUMA FOR LUMINAIRE DETAILS.
2. SEE PLOTS FOR AIM POINTS AND LUX LEVELS REQUIRED.
3. ALL FITTINGS TO BE SET UP INDIVIDUALLY WITH THE CLIENT IN ATTENDANCE.
4. SOME FLOODLIGHTS ARE ALREADY INSTALLED. ADDITIONAL 100 FLOODLIGHTS REQUIRED.

LIGHTING LEGEND

- ^F ILLUMA RECESSED LED GIMBAL CASE LIGHT
- ILLUMA BLACK DIMMABLE SPOT
- ILLUMA BLACK PROJECTOR
- DISTRIBUTION BOARD

Revision	Date	Description
----------	------	-------------

Project -
**Maritime Museum
Liverpool
Sea Galleries**

Title -
**Electrical Services
Proposed Lighting**

Scale - 1:100 @ A1
Design by - MD

Date - 26.07.19
Cad by - JEC

Drawing No. -	Revision -
5003-KGA-00-02-DR-E-400	-

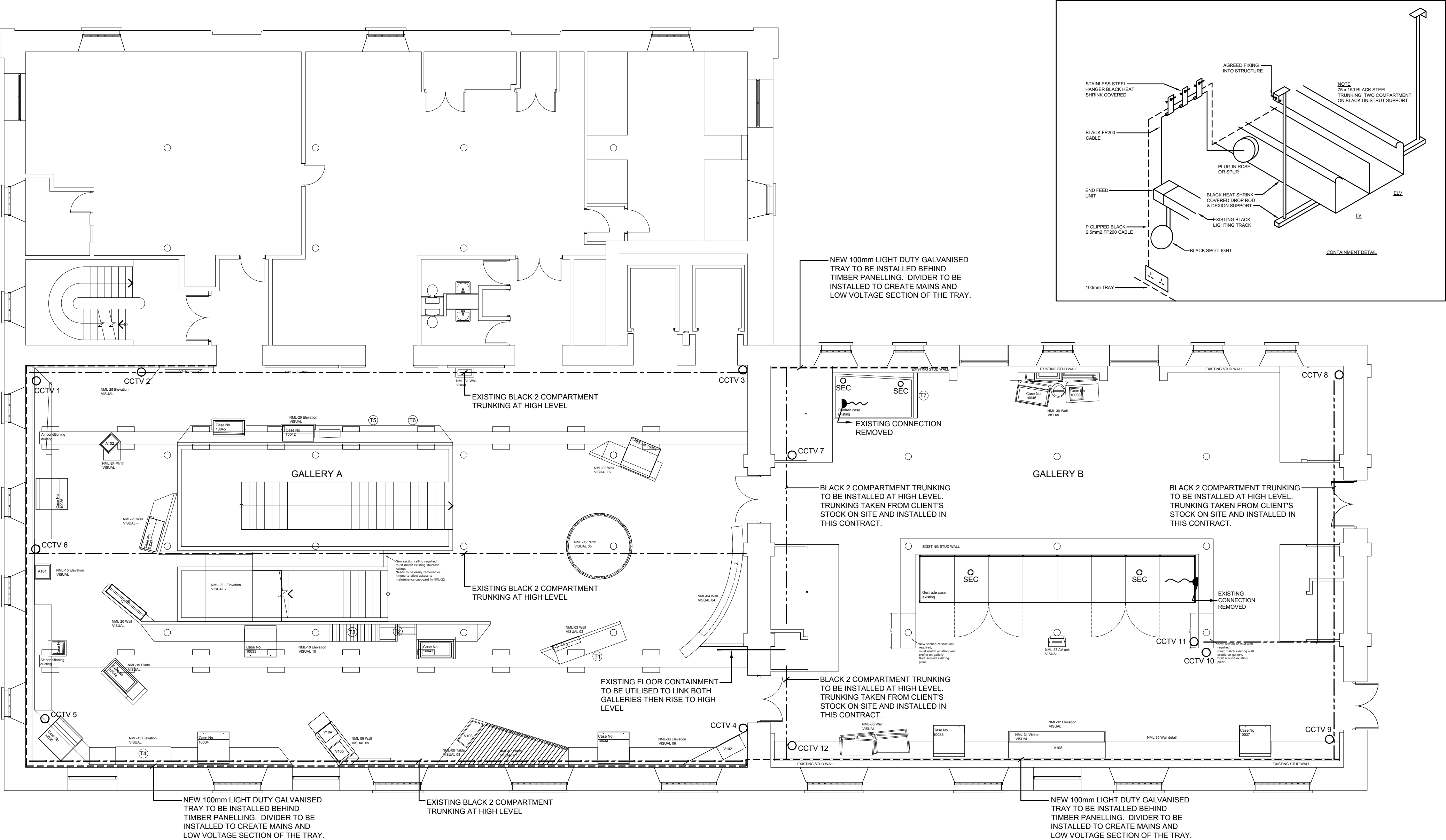
KGA (UK) Ltd
*Chartered Building Services
Consulting Engineers*

Trinity Chambers
10 Ivy Street
Birkenhead
Merseyside
CH41 5EF

T : 0151 647 5021
E : eng@kga.co.uk

F : 0151 647 6955
W : www.kga.co.uk





LEGEND

- TWIN SOCKET OUTLET
- FUSED SPUR UNIT
- CAT 5E DATA POINT
- CONNECTION TO CASE
- HIGH LEVEL
- LED DRIVER
- CCTV CAMERA
- CASE ALARM CONNECTION
- WIFI POINT

NOTES

- CAMERAS AND CAT 5E CABLE BY UIS VIA A DIRECT CLIENT ORDER.
- CONTAINMENT FOR CABLES IN THIS CONTRACT.
- THE EXISTING DATA CABINET IS LOCATED AT GROUND FLOOR FLOOR AND ALL DATA CONNECTIONS NEED TO LINK TO THIS POSITION.
- SECURITY BY SPECIALIST IS A DIRECT ORDER FROM THE CLIENT. CONTAINMENT TO BE IN THIS CONTRACT.

Revision	Date	Description
----------	------	-------------

Project -	Maritime Museum Liverpool Sea Galleries
Title -	Electrical Services Gallery Containment Routes
Scale -	1:100 @ A2
Date -	26.07.19
Drawing No. -	5003-KGA-00-02-DR-E-500
Design by -	MD
Cad by -	JEC
Revision -	-

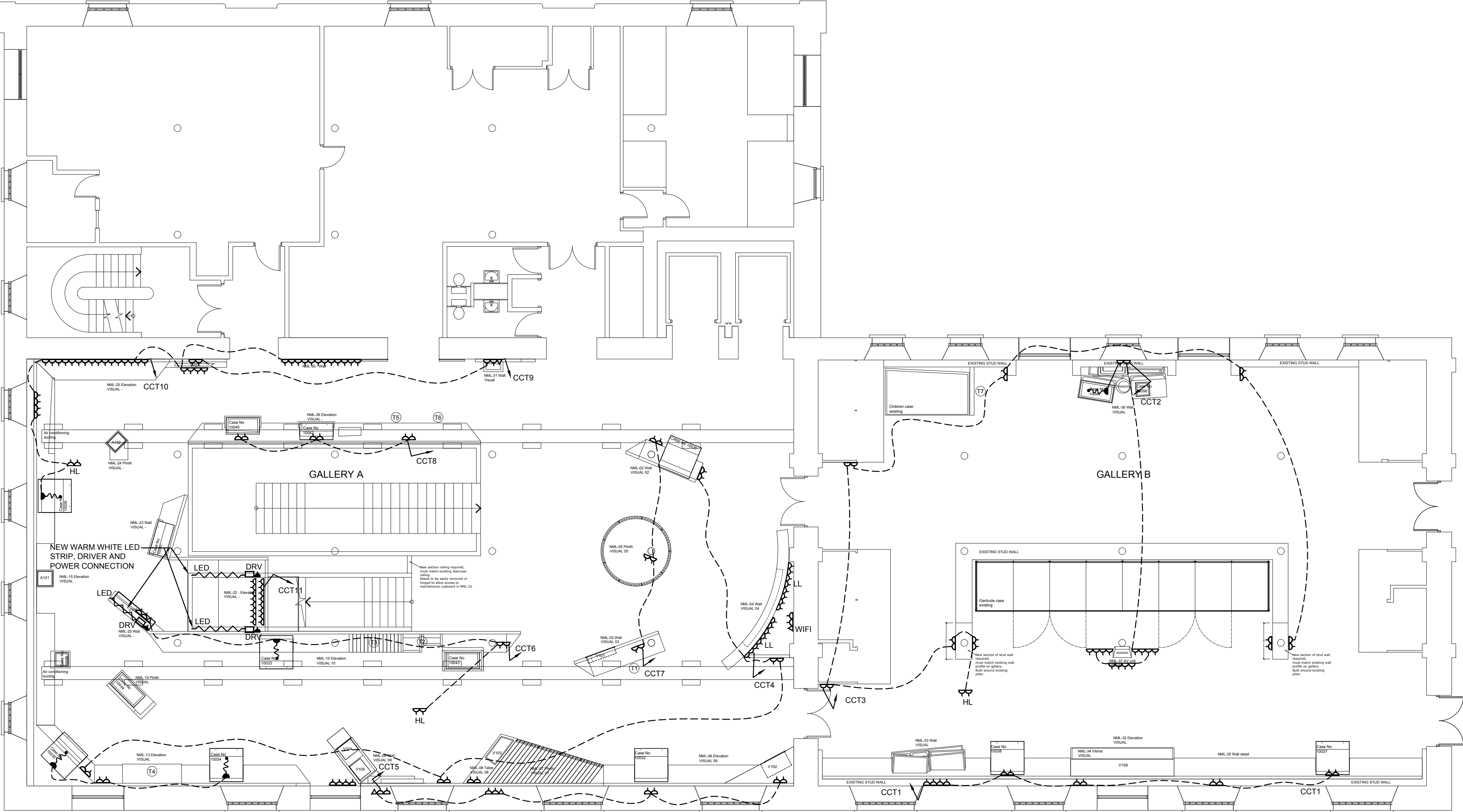
KGA (UK) Ltd
*Chartered Building Services
Consulting Engineers*

Trinity Chambers
10 Ivy Street
Birkenhead
Merseyside
CH41 5EF

T : 0151 647 5021
E : eng@kga.co.uk



F : 0151 647 6955
W : www.kga.co.uk



LEGEND

- TWIN SOCKET OUTLET
- FUSED SPUR UNIT
- CAT 5E DATA POINT
- CONNECTION TO CASE
- HIGH LEVEL
- LED DRIVER
- CCTV CAMERA
- CASE ALARM CONNECTION
- WIFI POINT

Revision	Date	Description
----------	------	-------------

Project - Maritime Museum
Liverpool
Sea Galleries

Title - Electrical Services
Proposed Power

Scale - 1:100 @ A2

Design by - MD

Date - 26.07.19

Cad by - JEC

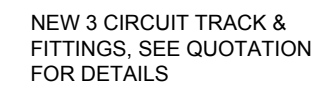
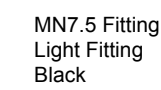
Drawing No - 5003-KGA-00-02-DR-E-501

KGA (UK) Ltd
Chartered Building Services
Consulting Engineers
Trinity Chambers
10 Ivy Street
Birkenhead
Merseyside
CH41 5EF

T : 0151 647 5021
E : eng@kga.co.uk

F : 0151 647 6955
W : www.kga.co.uk





Drawing No. -	Revision -
5003-KGA-00-XX-DR-E-700	-

K
G
A

European Certification Group
ISO 14001
REGISTERED FIRM

Project -	Date	Description
Maritime Museum Liverpool Sea Galleries		
Title -		
Existing Electrical Services		
Scale - 1:100 @ A1	Design by - MD	
Date - 26.07.19	Cad by - JEC	
Drawing No. -	Revision -	
5003-KGA-00-02-DR-701	-	

KGA



ISO 9001
REGISTERED FIRM



Constructionline
Gold Member



ISO 14001
REGISTERED FIRM