CLIENT :
LUCY & YAK

PROJECT :
EXTERNAL SIGNAGE

SITE REFERENCE :
BARNSLEY

PRODUCT TYPE/DOCUMENT TITLE :
HALO ILLUM LETTERS - 1800

MERSON GROUP

DRAWING / DOCUMENT No :
CD-LUC-MSM26235-2

REV : A

DATE : 15.02.23

DESIGN STATUS :
FOR CONSTRUCTION

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DESIGN REGISTER

Our design information is issued as a multi-page document. Each document has a unique number and each drawing or page a sequential number of that. Individual drawings/pages within a document have a revision status marked by a letter and a red rev' cloud on the drawing. Each document issue is marked by a number, the table below provides a history of this document.

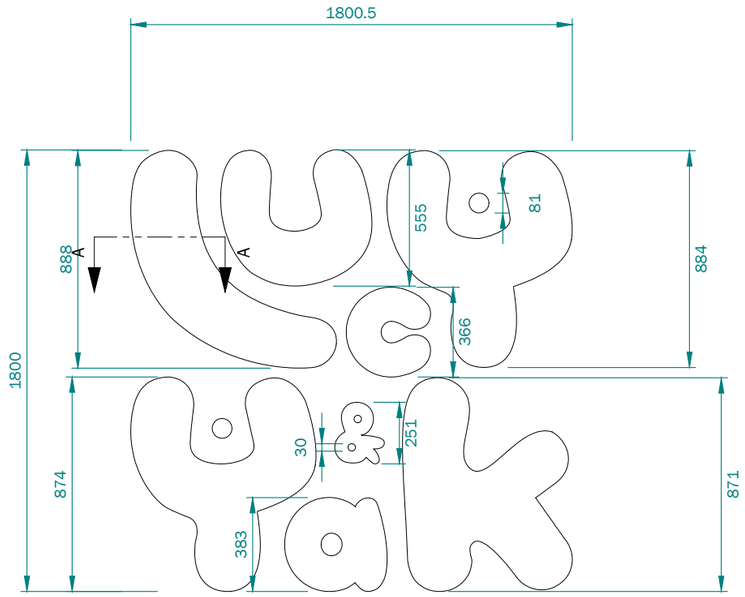
REV :	DATE :	DESIGNER :	CHECKED :	APPROVED :	DESIGN STATUS :	SUMMARY OF ISSUE :
A	15.02.23	JAM	GJ	HW	FOR CONSTRUCTION	DRAWING FIRST ISSUED.

RISK ELEMENTS

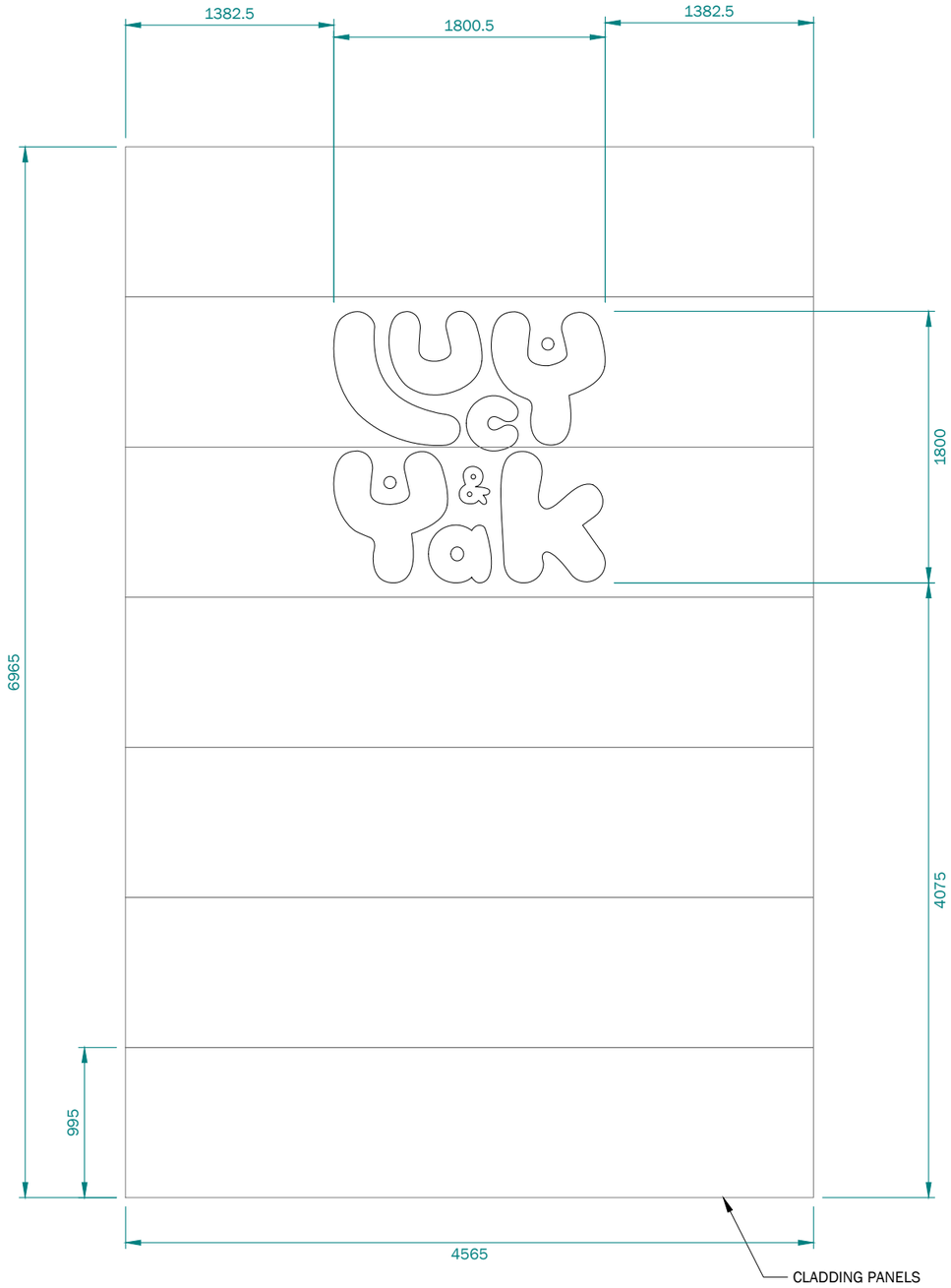
During design development risks are identified on drawings/pages using a bold red dashed box. This could be information or detail yet to be confirmed leading to risk in proceeding or ones that remain in the design but highlighted to reduce risk to construction, safety, health or the environment. The table below shows numbered risks and how these have been managed.

RISK No :	DESCRIPTION OF RISK :	RESOLUTION AGREED :
R1	INSTALL MANAGER TO SPECIFY CORRECT FIXING/S TO SUBSTRATE BACKGROUND	
R2	LEDS TO BE TRIALLED AND TESTED TO ENSURE EVEN ILLUMINATION WITH NO DARK AREAS	
INDICATED BY:	----------	

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LETTERS - FRONT ELEVATION
SCALE 1:25



IN SITU - FRONT ELEVATION
SCALE 1:40

SERVICE YARD ELEVATION

LINEAR DIMENSION / TOLERANCE :
≤1000 / ±1.0
>1000 / ±2.0

CLIENT :
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BARNSLEY

PRODUCT TYPE :
HALO ILLUM LETTERS - 1800

PAGE TITLE :
OVERVIEW

DRAWING NO :
CD-LUC-MSM26235-2

PAGE :
1/4

DESIGN STATUS :
FOR CONSTRUCTION

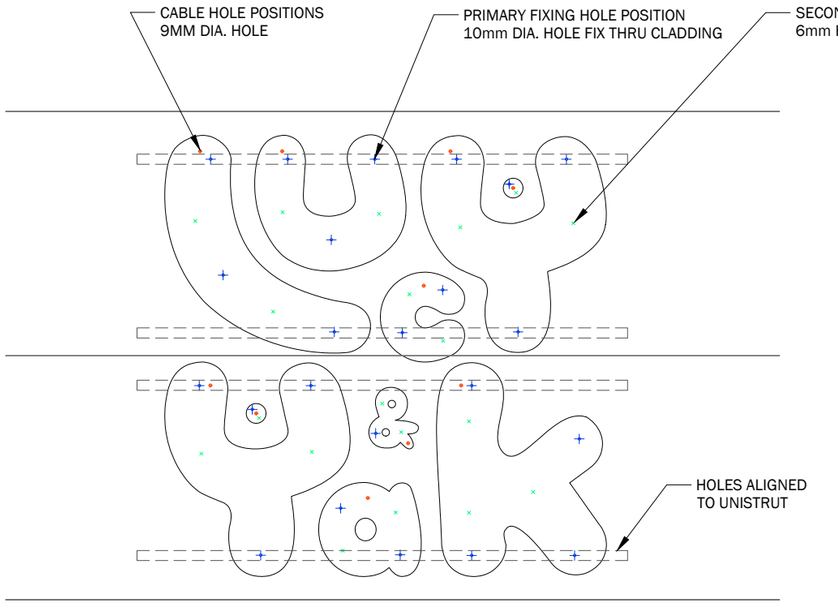
BY:
JAMAS SHOWN

SCALE @ A3 :

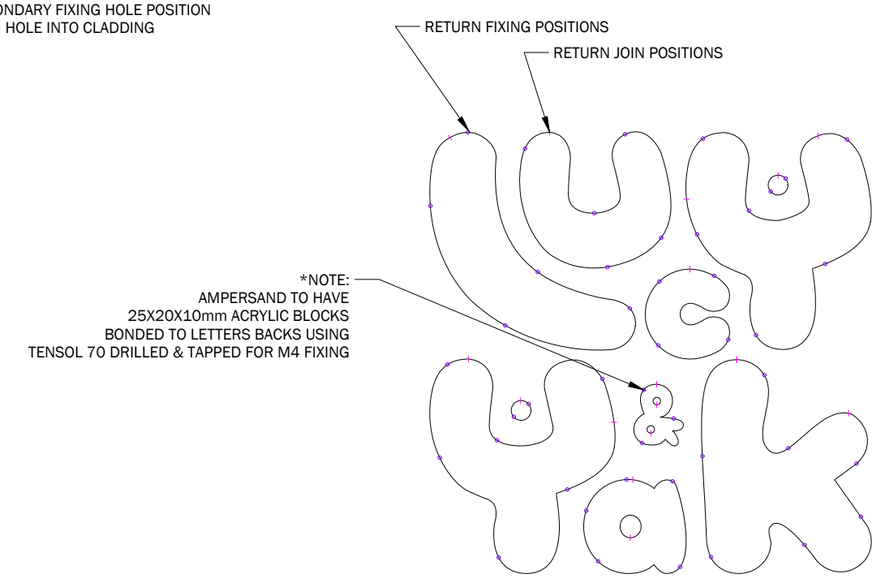
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DATE :
15.02.23

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FIXING HOLES & CABLE HOLES - FRONT ELEVATION
SCALE 1:25



RETURN FIXINGS & RETURN JOINS - FRONT ELEVATION
SCALE 1:25

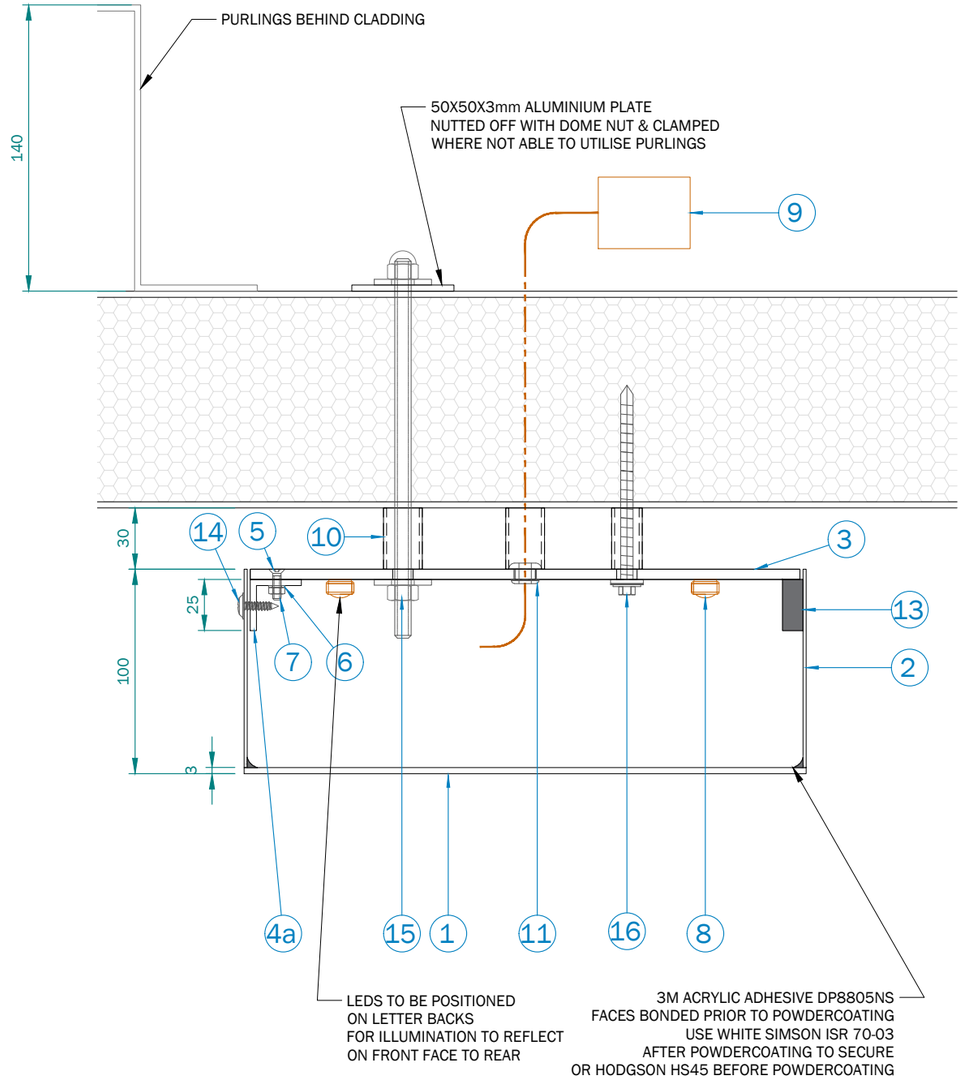
LINEAR DIMENSION / TOLERANCE :
≤1000 / ±1.0
>1000 / ±2.0

CLIENT : LUCY & YAK
PROJECT : EXTERNAL SIGNAGE
SITE REFERENCE : BARNSLEY

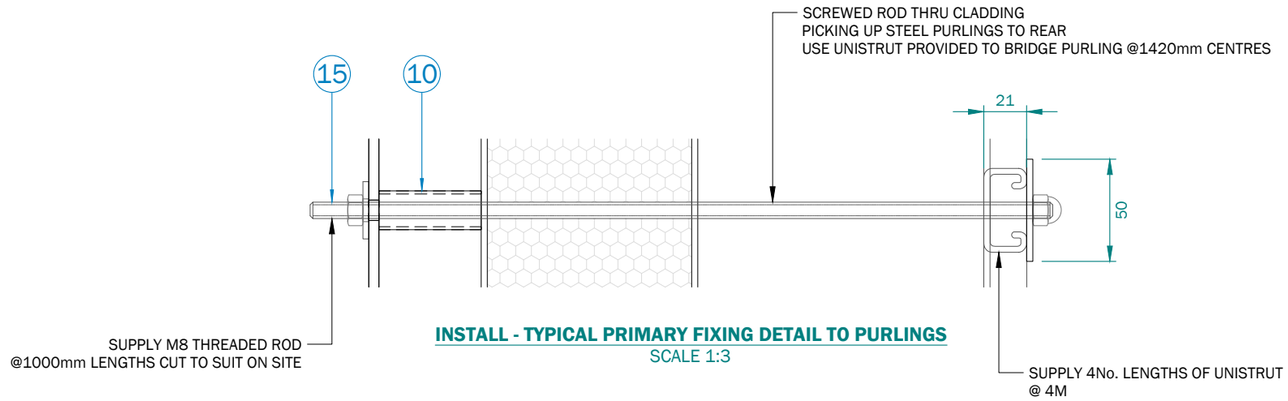
PRODUCT TYPE : HALO ILLUM LETTERS - 1800
PAGE TITLE : GENERAL ARRANGEMENT
DRAWING NO : CD-LUC-MSM26235-2
PAGE : 2/4

DESIGN STATUS : FOR CONSTRUCTION
BY: JAMAS SHOWN
SCALE @ A3 :
REV : A
DATE : 15.02.23

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SECTION A-A
SCALE 1:3



INSTALL - TYPICAL PRIMARY FIXING DETAIL TO PURLINGS
SCALE 1:3

NOTES:

1. EXACT LED DRIVER POSITION TO BE DETERMINED ON SITE

	PART NO.	PART NAME	DESCRIPTION	QTY.	PART MASS (kg)	TOTAL MASS (kg)
	1	LETTER FACE	3mm - 3103-H14 ALUMINIUM - EXTERNALLY POWDERCOATED WHITE RAL 9003 - 30% GLOSS & INTERNALLY COATED WHITE (WHITE LASER FILM)	1		26.17
	2	LETTER RETURNS	1.2mm - 3103-H14 ALUMINIUM - EXTERNALLY POWDERCOATED WHITE RAL 9003 - 30% GLOSS & INTERNALLY COATED WHITE (WHITE LASER FILM) 3mm DIA. DRAIN HOLES TO BOTTOM	1		6.41
	3	LETTER BACKS	5MM MAKROLON OPAL 2150 POLYCARBONATE LT 33%	1		18.97
	4A	ANGLE CLEAT	25X25X3mm X 25mm - ALUMINIUM EQUAL ANGLE	42		-
	4B	ACRYLIC BLOCK	25X20X10mm - CLEAR ACRYLIC BLOCK BONDED USING TENSOL 70 - DRILLED & TAPPED M4	3		-
	5	M4 X 15 SCREW	M4 X 15mm COUNTERSUNK SCREW	45		-
	6	M4 WASHER	M4 WASHER	42		-
	7	M4 NYLOC NUT	M4 NYLOC NUT	42		-
R2	8	LED MODULE	TETRA MINIMAX - GEMM2471-W1 - WHITE 7100K - 24V	146		-
R2	9	LED DRIVER	GE POWER SUPPLY 24V - GEPS24-100U	1		-
	10	SPACER	19.05 X 1.5mm DIA. ALUMINIUM CHS - POWDERCOATED GREY RAL - COLOUR TBC (TO MATCH CLADDING)	48		-
	11	GROMMET	RUBBER OPEN HOLE GROMMET BLACK	8		-
	12	PAPER TEMPLATE	FIXING TEMPLATE WITH HOLES CLEARLY MARKED	1		-
	13	PLASTAZOTE/NEOPRENE STRIP	20 X 5mm - STRIP TO PREVENT LIGHT LEAKAGE	AS REQ		-
	14	No.8 X 16mm SELF TAPPER	No.8 X 16mm FLANGE HEAD SELF TAPPING SCREW	42		-
R1	15	PRIMARY FIXING	M8 THREADED ROD BZP - WITH 50X50X3mm ALUMINIUM PLATE & M8 DOME NUT	AS REQ		-
R1	16	SECONDARY FIXING	M6.3 X 100 FASTFIX DRILLING SCREW - WITH PENNY WASHER	AS REQ		-
				TOTAL MASS (kg) INC. 10% FOS		56.7

LINEAR DIMENSION / TOLERANCE :
≤1000 / ±1.0
>1000 / ±2.0

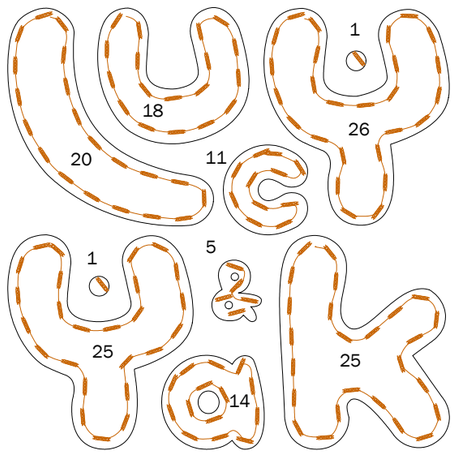
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SITE REFERENCE : BARNSLEY

PRODUCT TYPE : HALO ILLUM LETTERS - 1800
PAGE TITLE : SECTIONS AND DETAILS
DRAWING NO : CD-LUC-MSM26235-2
PAGE : 3/4

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BY: JAMAS
SCALE @ A3 : SHOWN
REV : A
DATE : 15.02.23

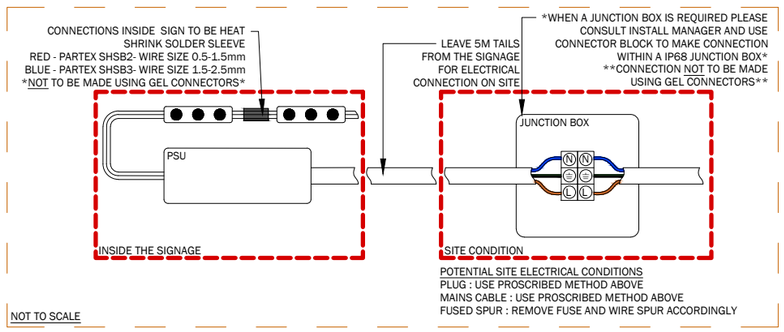
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R2



LED LAYOUT - FRONT ELEVATION
SCALE 1:25

146 MODULES - 0.41 WATT P/M -
59.86 TOTAL WATTS



LINEAR DIMENSION / TOLERANCE :
≤1000 / ±1.0
>1000 / ±2.0

CLIENT :
LUCY & YAK

PROJECT :
EXTERNAL SIGNAGE

SITE REFERENCE :
BARNSLEY

PRODUCT TYPE :
HALO ILLUM LETTERS - 1800

PAGE TITLE :
ELECTRICAL DETAILS

DRAWING NO :
CD-LUC-MSM26235-2

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