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WARNING

DON'T SCALE OFF THIS DRAWING.
VERIFY ALL DIMENSIONS AND STRUCTURAL DETAILS ON SITE.
IF IN DOUBT, ASK BEFORE ACTING.

RELATED DOCUMENTS

READ THIS DRAWING IN CONJUNCTION WITH THE APPROPRIATE SPECIFICATIONS.

CHECKING

THIS DRAWING HAS BEEN GENERATED USING A COMPUTER AIDED DRAWING SYSTEM. AS THE SYSTEM GENERATES A NEW DRAWING AT EACH REVISION ONLY THE LATEST EDITION WILL HAVE BEEN CHECKED.

GENERAL NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, SPECIFICATIONS AND SCHEDULES.
2. ALL EQUIPMENT SHALL BE INDEPENDENTLY SUPPORTED FROM THE SLAB / STRUCTURE AND NOT BE RELIANT ON THE CEILING OR OTHER SERVICES.
3. ALL PENETRATIONS THROUGH WALL SHALL BE FILLED TO SUIT THE ACOUSTIC PERFORMANCE AND / OR THE FIRE REQUIREMENTS AS DETAILED ON THE ARCHITECT'S DRAWINGS.
4. ALL FINAL CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

EXTERNAL LIGHTING NOTES:

1. ALL DIMENSIONS ARE IN mm UNLESS INDICATED OTHERWISE.
2. ALL ELECTRICAL INSTALLATION WORKS TO BE IN ACCORDANCE WITH BS7671 IET WIRING REGULATIONS.
3. FINAL SELECTION OF AND LUMINAIRE FINISHES ARE TO BE CONFIRMED PRIOR TO ORDER PLACEMENT.
4. CABLE ROUTES TO BUILDING MOUNTED LUMINAIRES TO BE INTERNAL.
5. ALL LIGHTING COLUMNS ARE TO BE ROOF MOUNTED WITH BLINDING CONCRETE BACK FILLED FOR ADDITIONAL SUPPORT. ALL CABLEING TO BE VIA BELOW GROUND DUCT NETWORK AND LAD DIRECT IN GROUND WHERE PRACTICABLE I.E. SOFT DIG LANDSCAPE.
6. LIGHTING COLUMNS TO BE COMPLETE WITH LUCY RCD/PROTECTED FUSED CUT-OUT WITHIN THE BASE.
7. ALL DUCTS AND INSPECTION CHAMBERS TO BE SEALED TO PREVENT WATER INGRESS.
8. INSPECTION CHAMBER COVERS TO BE APPROPRIATELY GRADED FOR VEHICULAR TRAFFIC AREAS.
9. EXTERNAL LIGHTING IS DESIGNED TO ACHIEVE THE REQUIREMENTS OF AN EX INSTALLATION AS DETAILED IN TABLES 1 & 2 OF ILL PL GUIDANCE NOTES FOR THE REDUCTION OF OBTRUSIVE LIGHT.
10. ALL EXTERNAL LIGHTING IS TO BE CONTROLLED BY A PHOTOCELL AND TIME SWITCH ARRANGEMENT WITH A MANUAL OVERRIDE SWITCH.
11. THE EXTERNAL LIGHTING TIME SWITCH IS TO BE SET SO THAT ALL EXTERNAL LIGHTING IS TO BE OFF BETWEEN 2300HRS AND 0700HRS.
12. THE EXTENT OF THE EXISTING WATER MAIN IS UNKNOWN. COST FOR THE DECOMMISSIONING AND STRIP OUT OF EXISTING UNKNOWN WATER SERVICES SHALL BE ALLOWED FOR.
13. EXISTING GAS SERVICES SHALL BE STRIPPED OUT TO THE GAS METER AND ISOLATED AND CAPPED.

REFER TO SPECIAL SYMNEORATION FOR PITCH LIGHTING

Statistics				
Symbol	Description	Average	Minimum	Minimum Average
	Calc Zone #5	18 Lux	5 Lux	0.28
	Car Park/Access Road 10 Lux 0.25Lo	11 Lux	3 Lux	0.27
	Footpath 8 Lux 0.25Lo	11 Lux	3 Lux	0.27
	Under Canopy 50 Lux 0.25Lo	56 Lux	15 Lux	0.27
	Building Perimeter 8 Lux 0.25Lo	8 Lux	2 Lux	0.25

Luminaire Schedule					
Symbol	Qty	Label	Catalog Number	Description	Lumens Per Lamp Wattage
	8	A	DWL-1.LA014.HN.W007	Denver ID wall mounted at 3m AFFL	887 6.5
	4	B1	DPL-1.LA124.FW.W087	Denver ID Post top fitting mounted on 8m column	13990 87
	6	C	PHHD.8524368	Aster Medium Pro 1 LED (max 20W - 4000K) Wide - In Max 600mA	2320 20
	5	D1BLS	DPL-1.LA024.AYU.W024 (DPL.BLS1.C9)	Denver ID Post top fitting with external shield 2874 on 3m column	2874 24
	5	E1BLS	DPL-1.LA024.AYU.W024 (DPL.BLS1.C9)	Denver ID Post top fitting with external shield 2874 on 4m column	2874 24
	3	F1BLS	DPL-1.LA124.FWBL.W087	Denver ID Post top fitting with external shield on 8m column	12115 87

THE INFORMATION SHOWN ON THIS DRAWING IS DESIGN INTENT AT THE CURRENT DESIGN STAGE ONLY AND SHALL BE SUBJECT TO DETAILED DESIGN AND SUPPORTING CALCULATIONS BY THE MECHANICAL AND ELECTRICAL SERVICES CONTRACTOR UNDER A DESIGN AND BUILD APPOINTMENT TO REFLECT ANY DEVELOPMENT AND PROCURED PLANT. ROUTES AND SIZES SHOWN HAVE BEEN USED FOR PRELIMINARY COORDINATION PURPOSES ONLY.

P02	LATEST LANDSCAPE LAYOUT INCORPORATED	26/08/25	MPO	TC
P02	ADDITIONAL LUX PLOTS ADDED	25/07/25	MPO	AM
P01	STAGE 3 ISSUE	03/07/25	MPO	AM
REV	DESCRIPTION	DATE	DRAWN	CHECK

STAGE 3

CLIENT



C G P | M E P

PROJECT

WYTHENSHAW PARK SPORTS HUB

DRAWING TITLE

ELECTRICAL SERVICES
SITE PLAN
EXTERNAL LIGHTING LAYOUT
SHEET 2 OF 2

SCALE @ A0

1:250

DATE

JUL '24

DRAWN

MPO

CHECKED

AM

DRAWING N°

15138-CGP-00-ZZ-DR-E-9002

REV

P03