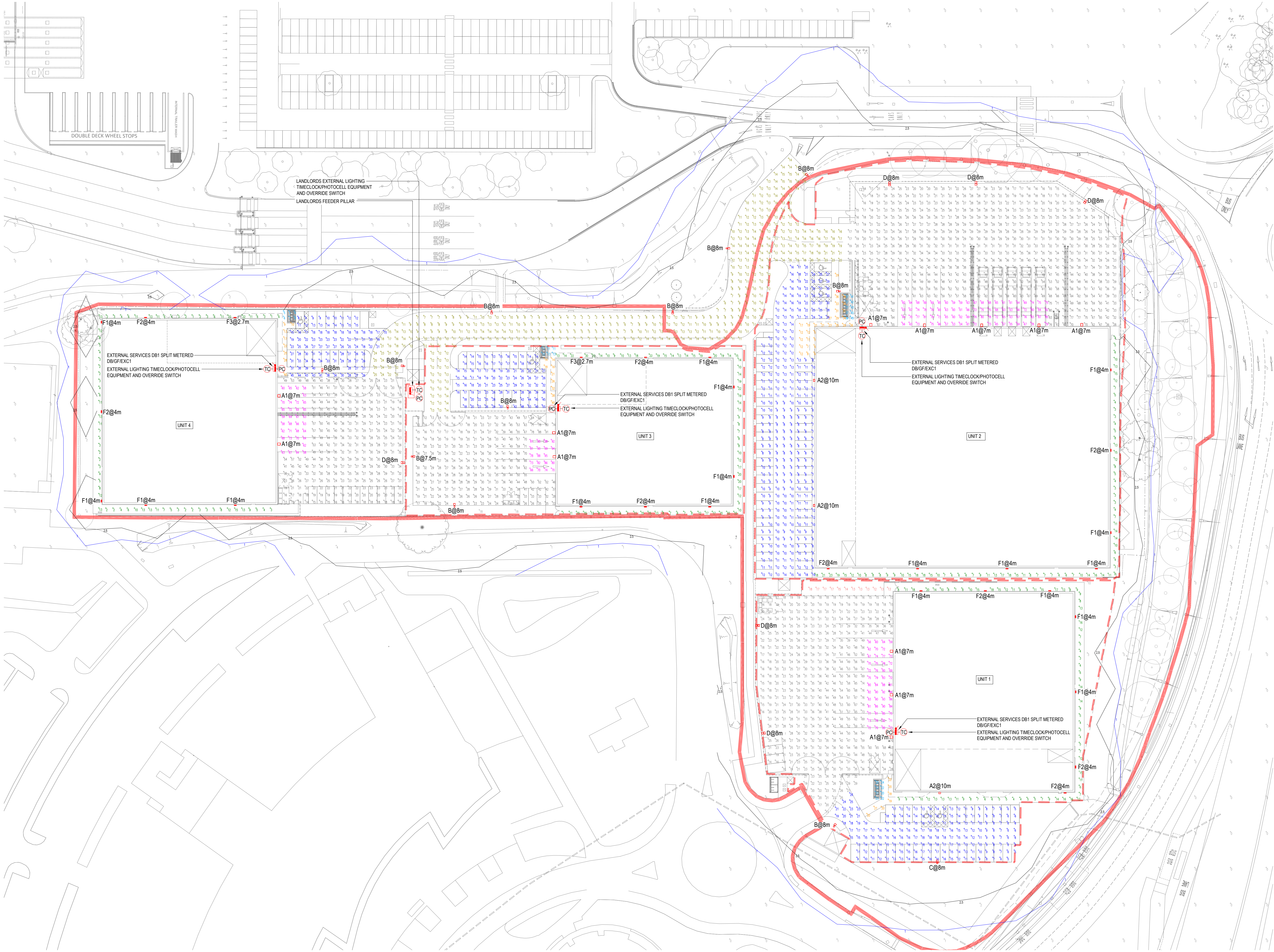
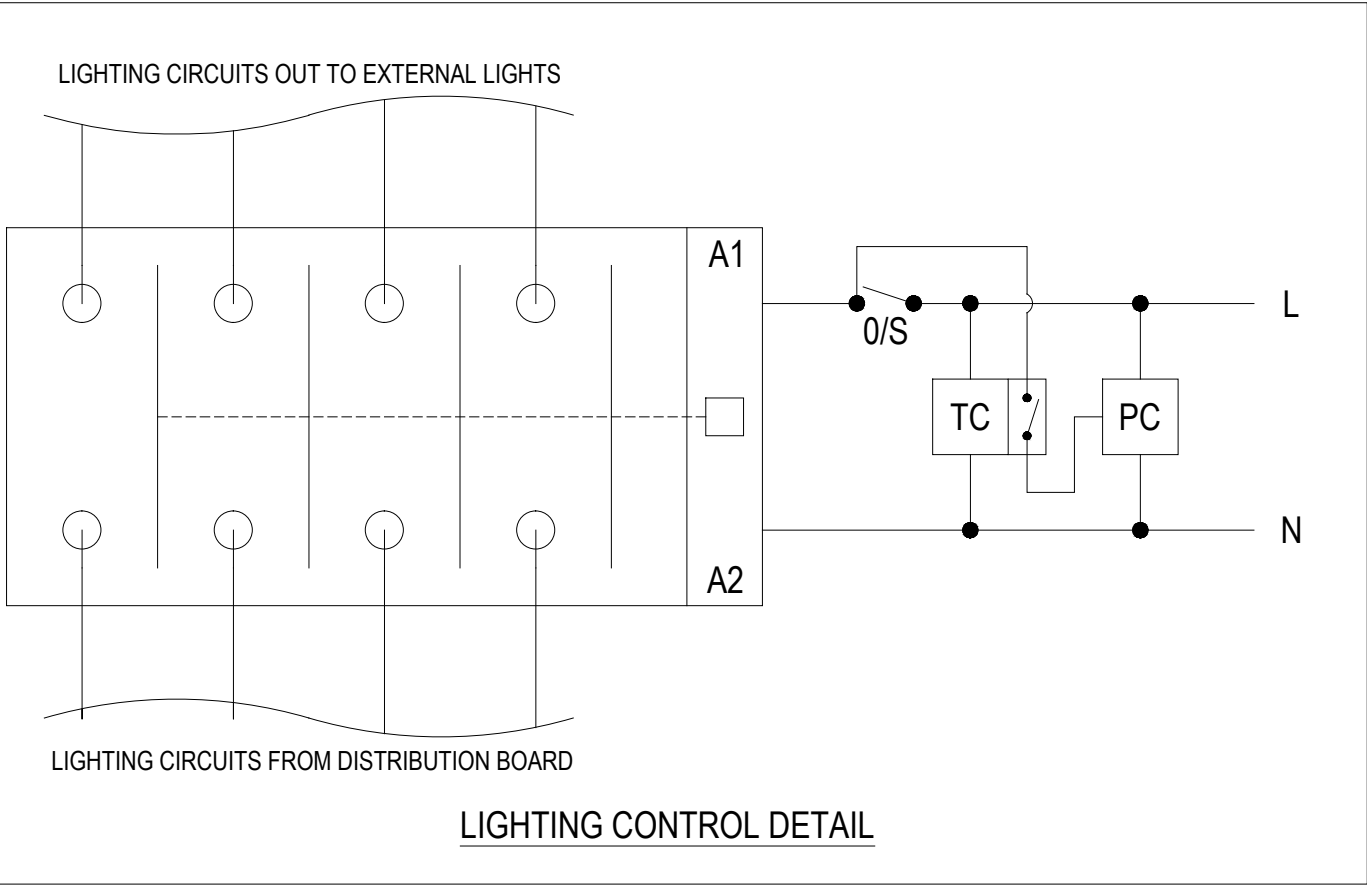
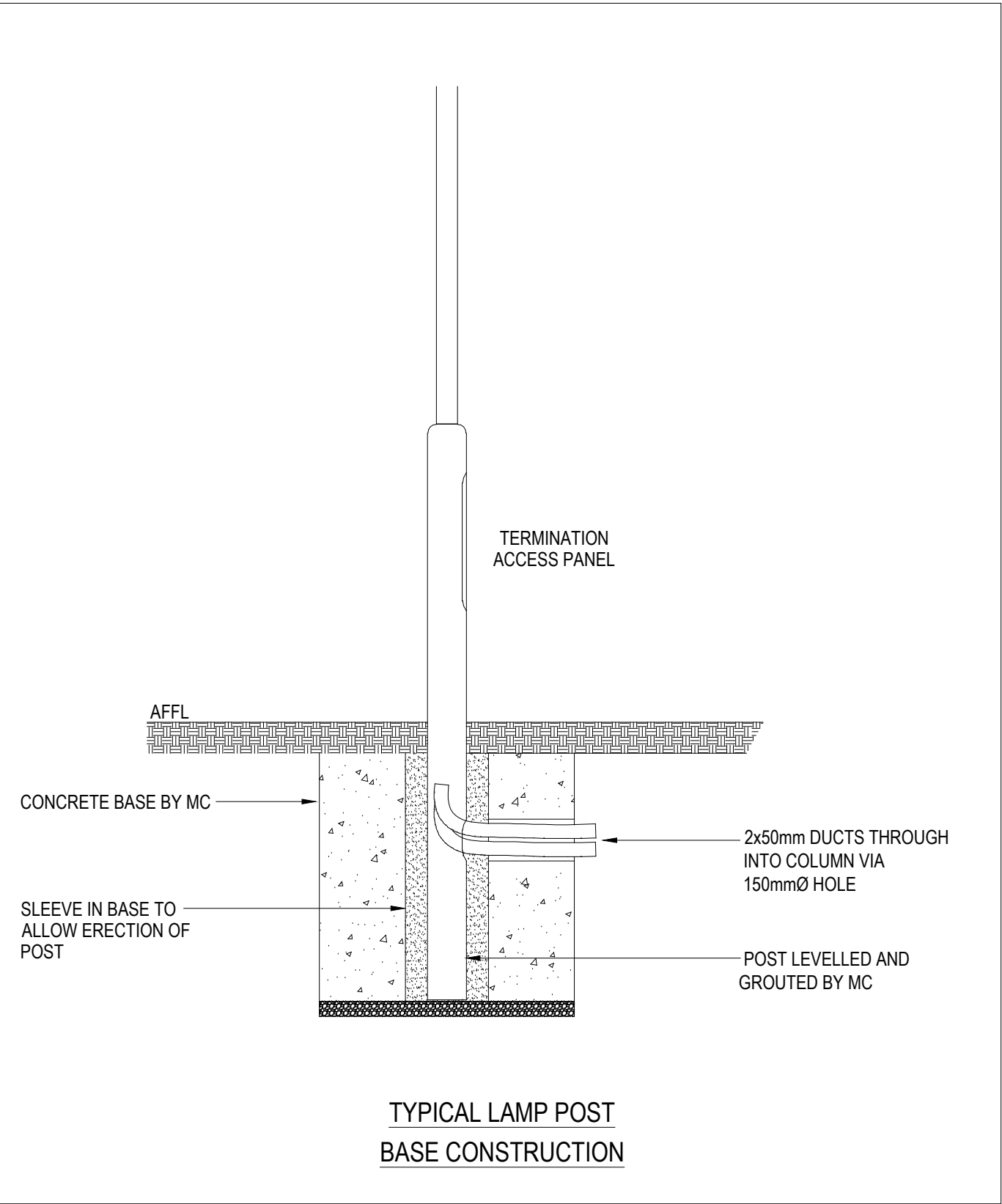


Statistics				
Description	Symbol	Avg	Min	Min/Avg
Access Road	+	12 lux	3 lux	0.25
Spill	+	1 lux	0 lux	0.00
Unit 1 Car Park	+	13 lux	5 lux	0.38
Unit 1 Cycles	+	23 lux	20 lux	0.87
Unit 1 Front Paving	+	20 lux	18 lux	0.90
Unit 1 Link Path	+	15 lux	12 lux	0.80
Unit 1 Loading Bays	+	77 lux	56 lux	0.73
Unit 1 Perimeter	+	10 lux	3 lux	0.30
Unit 1 Service Yard	+	32 lux	12 lux	0.38
Unit 2 Car Park	+	12 lux	7 lux	0.58
Unit 2 Cycles	+	40 lux	36 lux	0.90
Unit 2 Front Paving	+	22 lux	5 lux	0.23
Unit 2 Loading Bays	+	69 lux	53 lux	0.77
Unit 2 Perimeter	+	10 lux	3 lux	0.30
Unit 2 Service Yard	+	36 lux	14 lux	0.39
Unit 3 Car Park	+	24 lux	12 lux	0.50
Unit 3 Cycles	+	12 lux	11 lux	0.92
Unit 3 Front Paving	+	28 lux	14 lux	0.50
Unit 3 Loading Bays	+	84 lux	66 lux	0.79
Unit 3 Perimeter	+	14 lux	6 lux	0.43
Unit 3 Service Yard	+	32 lux	12 lux	0.38
Unit 4 Car Park	+	24 lux	8 lux	0.33
Unit 4 Cycles	+	6 lux	5 lux	0.83
Unit 4 Front Paving	+	22 lux	9 lux	0.41
Unit 4 Loading Bays	+	66 lux	58 lux	0.88
Unit 4 Perimeter	+	7 lux	1 lux	0.14
Unit 4 Service Yard	+	30 lux	13 lux	0.43

Schedule						
Symbol	Label	Image	Quantity	Catalog Number	Description	Lumens Per Lamp
	A1		12	DSX2.4LA304-FWE-RAL9006-C9	D-Series 2 - Area luminaire Wall Mounted on Bracket @ 7m AFFL	29720
	B		11	DSX0.4LA084-AY-RAL7035-C6	D-Series 0 - Area luminaire Mounted on 8m Column	7755
	C		1	DSX0.4LA084-AY-RAL7035-C6(DS X0.20.ED.BLS)	D-Series 0 - Area luminaire with Back Light Shield Mounted on 8m Column	6723
	D		6	DSX0.4LA134-FW-RAL7035-C6	D-Series 0 - Area luminaire Mounted on 8m Column	12790
	A2		3	DSX0.4LA114-FW-RAL7016	D-Series 0 - Area luminaire Wall Mounted on Bracket @ 8m AFFL	10823
	F1		18	DEW.LA014.CGL.NR.RAL9006-C9	Wall Mounted @ 4m	1326
	F2		9	DEW.LA014.CGL.NR.RAL7016	Wall Mounted @ 4m	1326
	F3		2	DEW.LA014.CGL.NR.RAL8004	Wall Mounted @ 2.7m	1326



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10mSCALE 1:500

Hazard/Incidents/Issues		
NO.	DESCRIPTION OF HAZARD	ACTION BY
1	UNKNOWN BURIED SERVICES AND SERVICES CONFIDENT IN WRONG LOCATION	CONTRACTOR

IDENTIFICATION OF EXISTING BURIED SERVICES TO ENSURE (BASIC UTILITY RECORD) SCANNING OF GROUND. LUMINAIR ERECTION USING SLOT TRENCHES AND CAT SCANNING OF GROUND.

NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERING SERVICES CONSULTANCY LIMITED DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTS.

2. THE EXTERNAL LIGHTING SHALL BE DESIGNED TO ENSURE THAT REQUIRED LIGHTING LEVELS ARE ACHIEVED WHILST MINIMISING GLARE AND LIGHT SPILLAGE TO THE SURROUNDING AREAS AND TO ENSURE THERE IS NO DIRECT CONTRIBUTION TO UPWARD LIGHT POLLUTION.

3. THE EXTERNAL LIGHTING SCHEME SHALL BE PROVIDED IN ACCORDANCE WITH THE LOCAL PLANNING AUTHORITIES REQUIREMENTS/RESTRICTIONS.

4. WHERE COLUMNS ARE POSITIONED NEAR TO NEIGHBOURING PROPERTIES, OR LOCATED ON THE PERIMETER OF THE SITE, THEY SHALL BE COMPLETE WITH SUITABLE BACK SHIELDS TO PREVENT LIGHT SPILL.

5. ALL COLUMNS SHALL HAVE A FLEXIBLE DUCT PASSING INTO THE BASE, THROUGH THE CONCRETE, TO ENSURE THAT FUTURE REWIRING OF THE CIRCUITS IS POSSIBLE.

6. WHERE LUMINAIRES ARE FIXED DIRECTLY TO THE EXTERNAL BUILDING FABRIC, THE LUMINAIRES SHALL BE THE SAME RAL COLOUR AS THE CLADDING PANELS. ALL LUMINAIRE FIXING BOLTS ETC. SHALL BE THE SAME COLOUR AS THE LUMINAIRE.

7. GENERALLY, THE COLUMNS SHALL BE GALVANISED STEEL CONSTRUCTION. THE ELECTRICAL CONTRACTOR SHALL Liaise WITH THE ARCHITECT TO ASCERTAIN THE RAL COLOUR OF THE COLUMNS. THE COLUMN HEADS SHALL MATCH THE RAL COLOUR OF THE COLUMN.

8. WHERE SERVICES NEED TO BE INSTALLED WITHIN DUCTS / TRENCHES, THE ELECTRICAL CONTRACTOR SHALL SUPPLY THE MAIN CONTRACTOR WITH DETAILS OF REQUIRED DUCT ROUTES AND DRAW PIT LOCATIONS.

9. DURING INSTALLATION OF THE EXTERNAL LIGHTING A DRAIN WIRE SHALL BE PULLED THROUGH WITH THE CABLEING TO PROVIDE A MEANS OF INSTALLING FUTURE SERVICES

LEGEND

EXTERNAL LIGHTING LUMINAIRES (REFER TO LUMINAIRE SCHEDULE FOR MORE INFORMATION)

THIS DRAWING IS FOR INFORMATION ONLY TO DEMONSTRATE DESIGN INTENT AND REPRESENTS THE AGREED SERVICING STRATEGY AND MINIMUM STANDARDS TO BE ACHIEVED. WHERE ADDITIONAL DETAILS HAVE BEEN SHOWN, THIS HAS BEEN PROVIDED IN ORDER TO CONVEY GREATER UNDERSTANDING OF THE CONCEPTUAL REQUIREMENTS AND SHALL NOT BE TAKEN AS DETAILED DESIGN.

IT HAS NOT BEEN PRODUCED TO ACCURATE DESIGN CALCULATIONS AND SHALL NOT BE USED FOR INSTALLATION PURPOSES.

THE CONTRACTOR WILL BE RESPONSIBLE FOR THE DESIGN OF THE ENGINEERING SERVICES IN ACCORDANCE WITH THE DESIGN AND BUILD CONTRACT. PLANT SIZING IS INDICATIVE AND THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE DETAILED DESIGN OF ALL PLANT AND EQUIPMENT.

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL CONTRACT DOCUMENTS, PROJECT SPECIFICATIONS AND DRAWINGS.

P113.04.26Issued for planningAW

Rev. Date Details Initialed

Status

Client

Project

PLANNING ISSUE

GRAFTONGATE

Reading International Logistics Park

Drawing Title		Proposed External Lighting Layout		NMA	
Drawn	SC	Engineer	AW	Approved	CP
Project No.	2092	Date	Apr 2026	Scale @ A0	1:500
Drawing No.	2092-ESC-00-ZZ-DR-E-2101	Revision	P1		

breathing life into buildings

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