

Do not scale from this drawing. All dimensions to be confirmed on site before commencing work.

GENERAL NOTES

- DO NOT SCALE FROM THIS DRAWING.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT SPECIFICATIONS AND ALL OTHER RELEVANT PROJECT DOCUMENTATION
- THE EXTERNAL LIGHTING IS TO BE PHOTOCELL AND TIME CLOCKED CONTROLLED. FINAL TIMING TO BE CONFIRMED BY END USER.
- THE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADDITION OF THE IET WIRING REGULATIONS BS7671, INCLUDING ANY AMENDMENTS.
- FINAL LIGHTING SCHEME AND CONTROL WILL REQUIRE APPROVAL FROM THE CLIENT, BUILDING CONTROL AND PLANNING.
- THE EXTERNAL LIGHTING SCHEME HAS BEEN DESIGNED IN LINE WITH CIBSE L06, AN AVERAGE 20 LUX TO CAR PARKS WITH 0.25 UNIFORMITY & WALKWAYS TO MIN 5 LUX & 0.25 UNIFORMITY.
- ALL EXTERNAL LIGHTING (EXCEPT FOR SAFETY AND SECURITY LIGHTING) CAN BE AUTOMATICALLY SWITCHED OFF BETWEEN 23:00 AND 07:00.
- 40W TUBULAR HEATER WITH INTEGRAL THERMOSTAT TO BE PROVIDED TO GRP ENCLOSURE TO AVOID FROST DAMAGE.
- ACCESS CONTROL & CCTV INFRASTRUCTURE TO BE CONFIRMED WITH SPECIALIST.
- ALL GREY SERVICES/ EQUIPMENT ARE EXISTING.

LEGEND

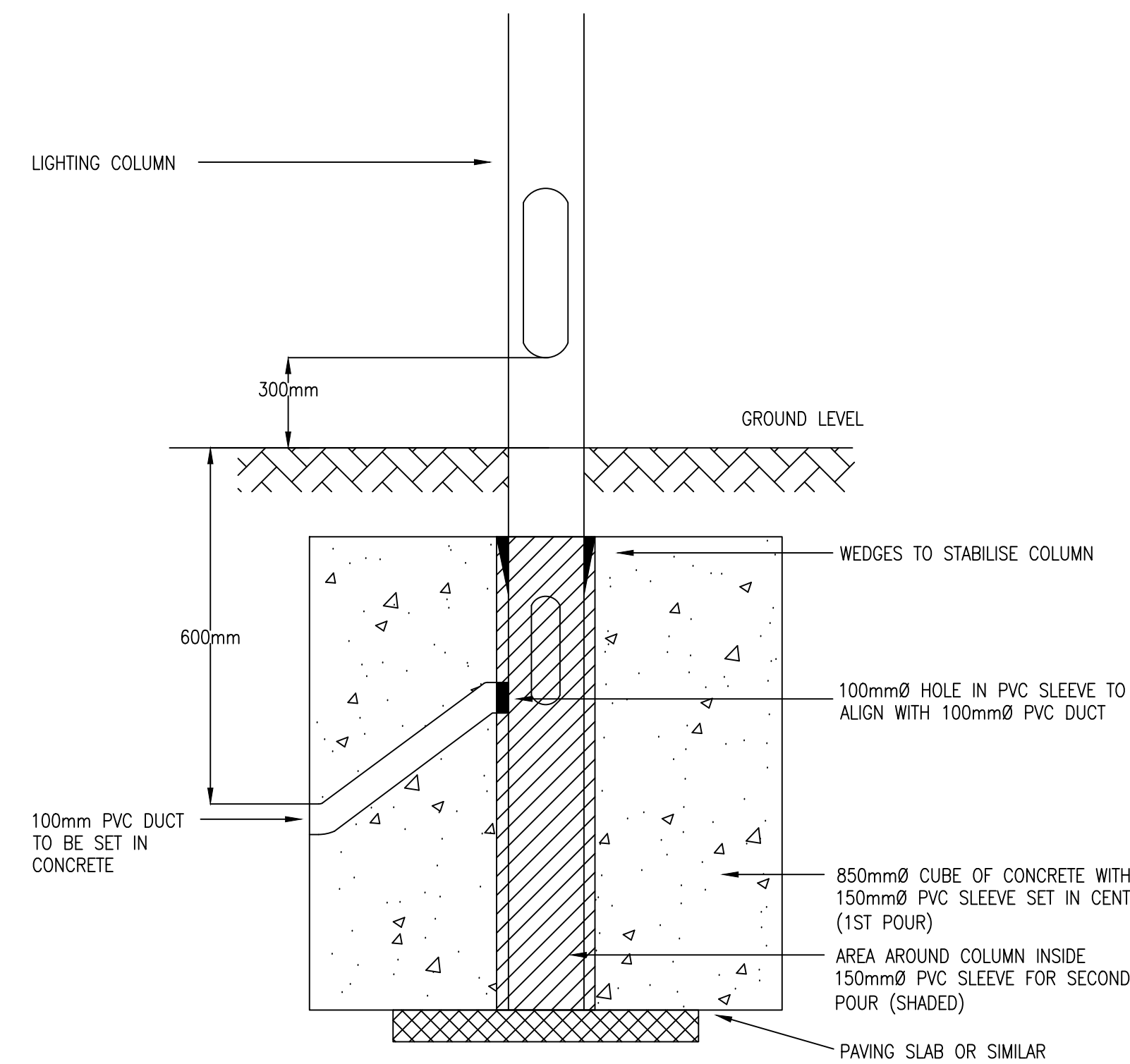
- CCTV COLUMN MOUNTED FIXED CCTV CAMERA WITH INTEGRAL POE SWITCH, INDICATIVE IMAGE BELOW. CAMERA MOUNTED AT 4.5m
- XXA SPN ISOLATOR, XXA DENOTES SIZE
- FR PHOTOCELL
- FR ACCESS FOR READER
- MG MAG LOCK
- DR PUSH BUTTON DOOR RELEASE
- 14 WAY SPN DISTRIBUTION BOARD
- 13A TWIN SOCKET OUTLET
- 13A SWITCHED FUSED CONNECTION UNIT, TH FOR TUBULAR HEATER, CCTV FOR CCTV SYSTEM AND AC FOR ACCESS CONTROL
- INT TWO WAY AUDIO & VISUAL INTERCOM
- WT WIRELESS ACCESS CONTROL TRANSMITTER

ISOLUX LUX LEVELS

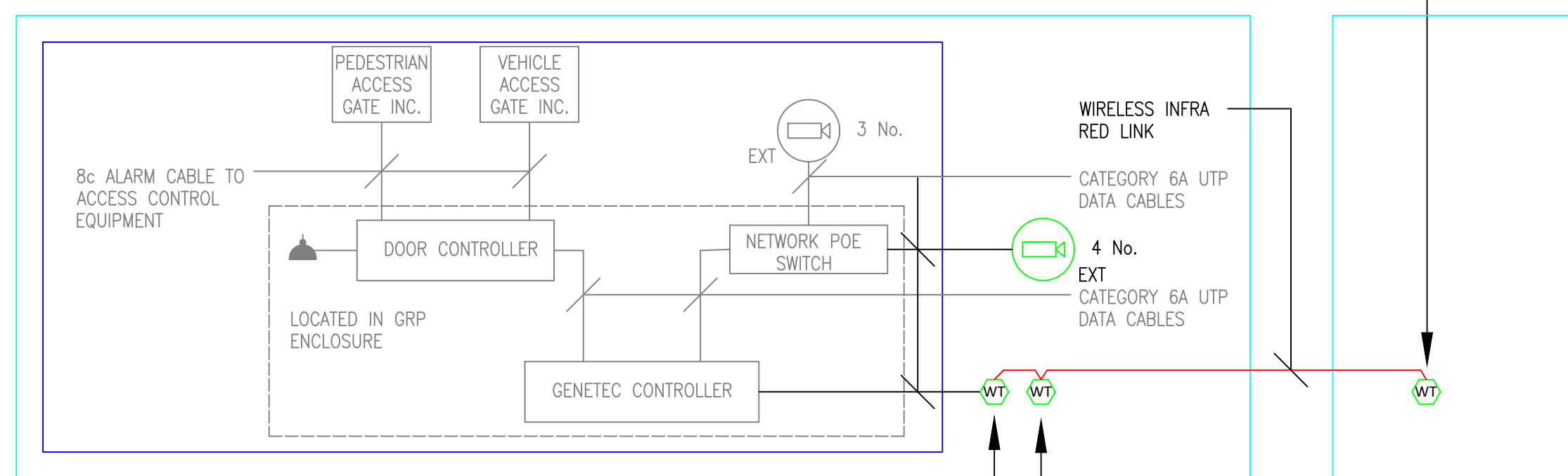
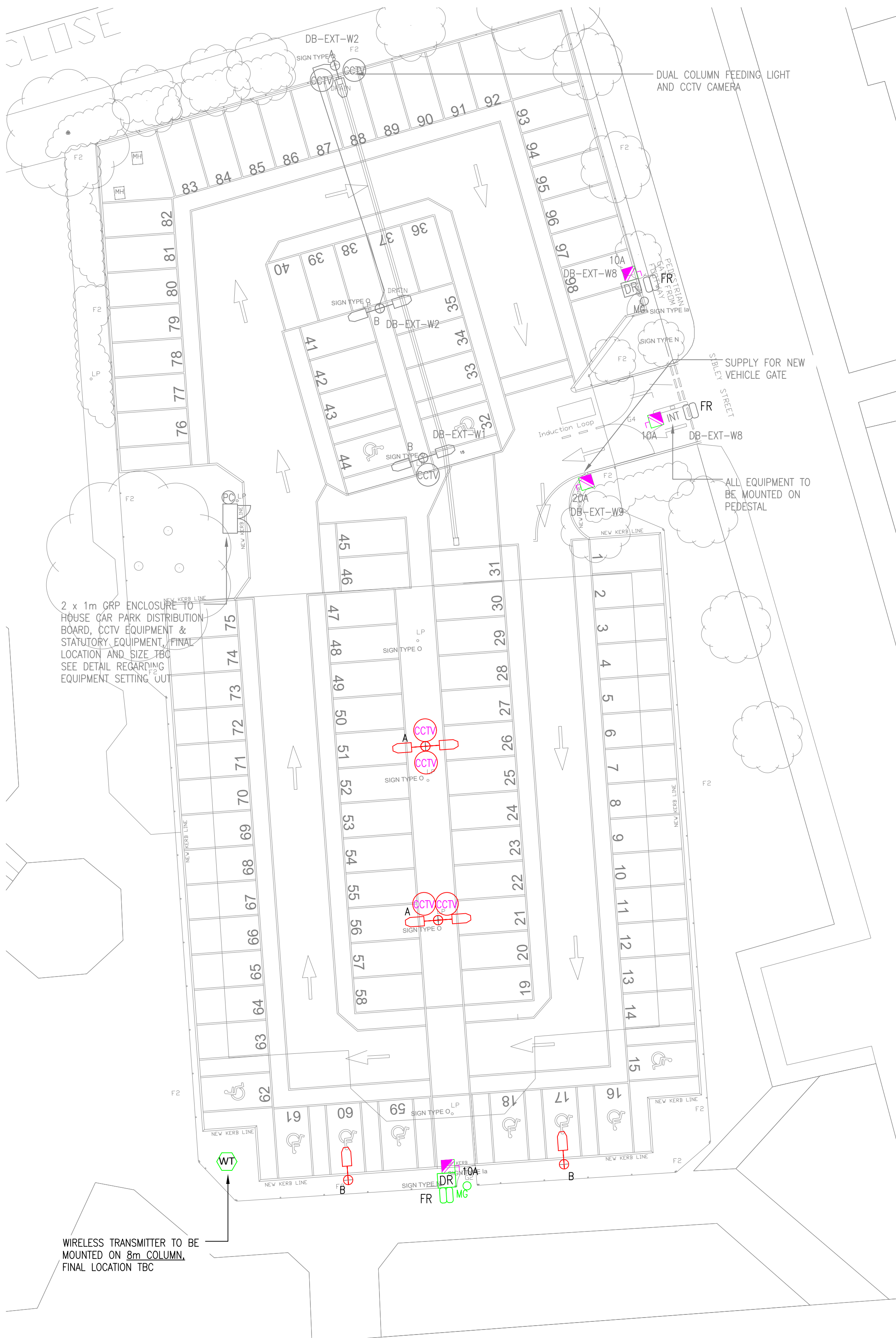
- 1.0 lx
- 10.0 lx
- 15.0 lx
- 20.0 lx
- 30.0 lx

REF	MANUFACTURER	SYMBOL	PRODUCT DESCRIPTION	IMAGE
A	DW WINDSOR		KIRIUM ECO M2, EXTERNAL COLUMN MOUNTED, FLOODLIGHT WITH 305 OPTIC, 76W, IP65 RATED, MOUNTED @ 5m AFT. (OR SIMILAR)	
B	DW WINDSOR		AS ABOVE MOUNTED ON DUAL HEAD COLUMN	
C	WHITECROFT		ACL INDUSTRY, SURFACE MOUNTED LINEAR, 28W, IP65 RATED	
EX	WHITECROFT		SURFACE BULKHEAD, NON-MAINTAINED, C/W 3 HOUR EMERGENCY BACK UP	

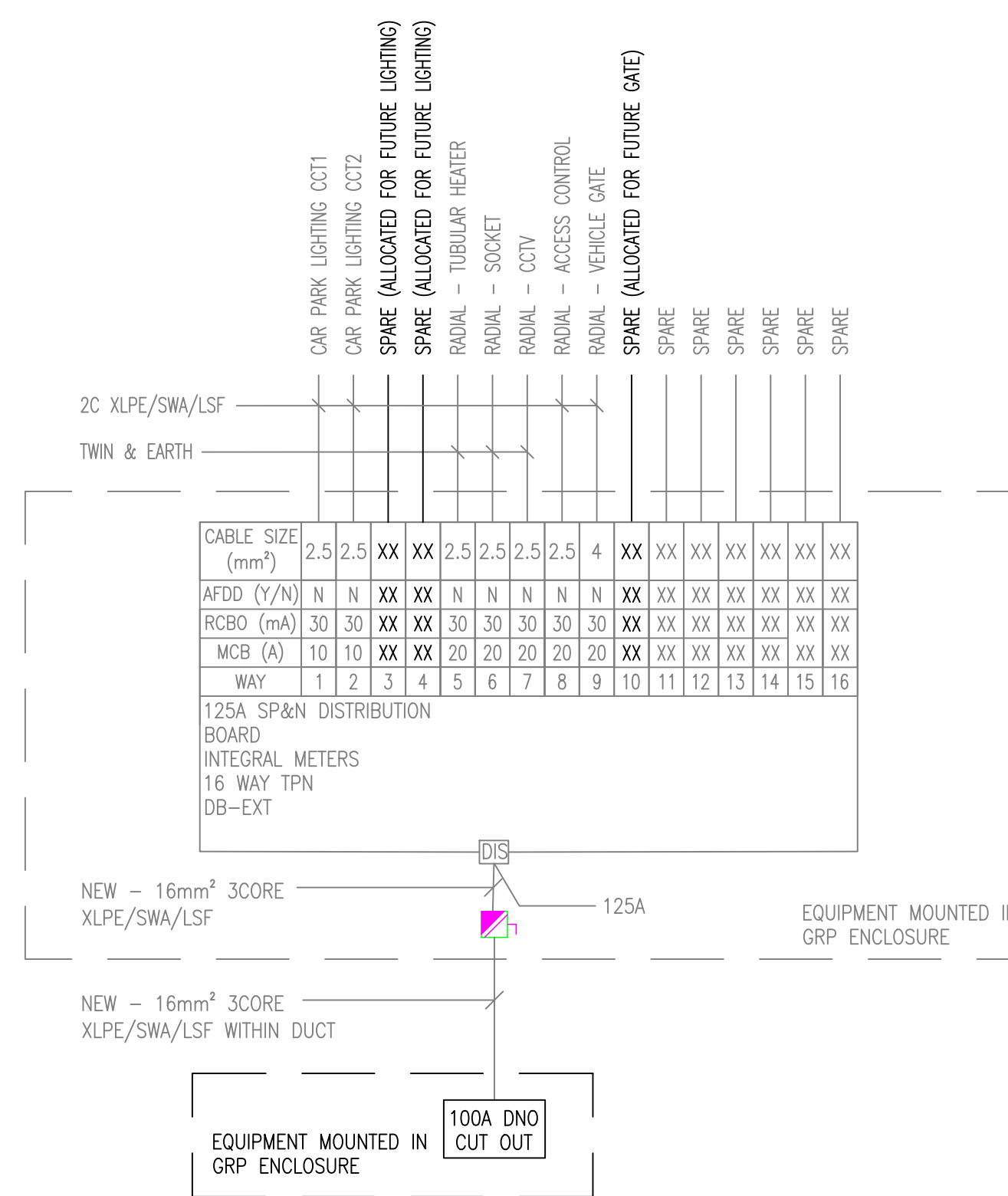
LUMINAIRE SCHEDULE



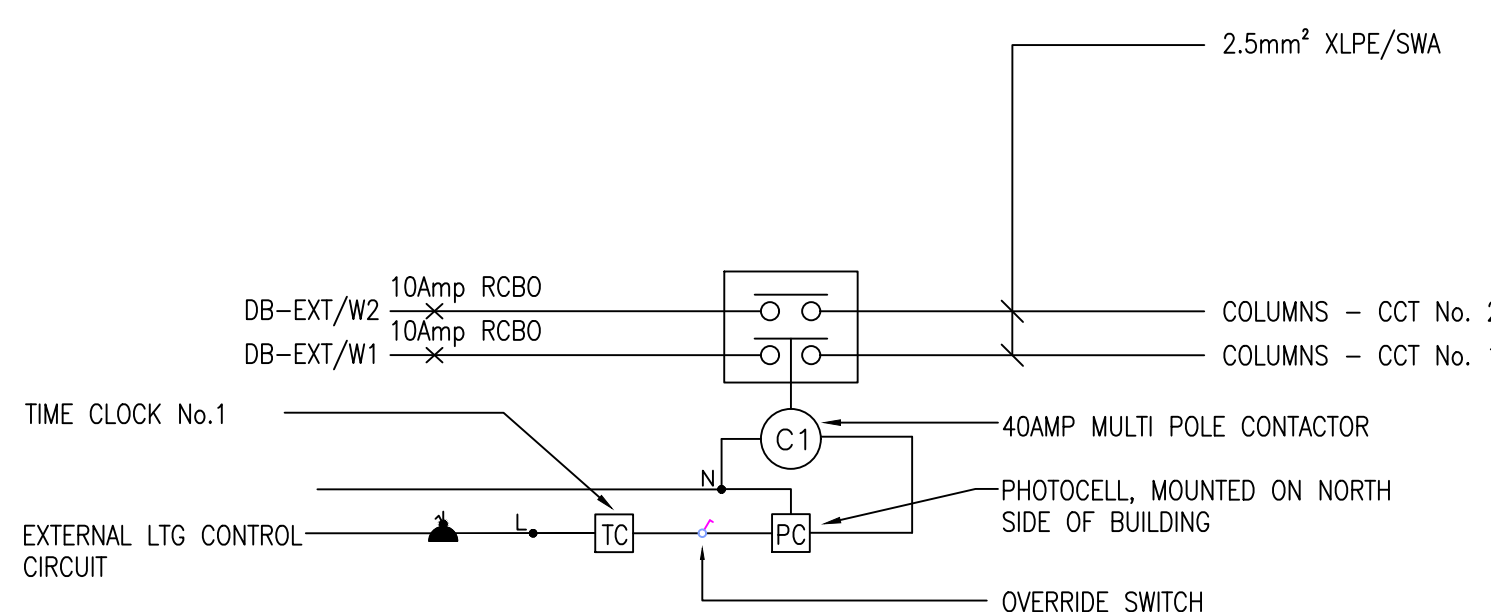
TYPICAL LIGHTING COLUMN ROOT MOUNTING DETAIL



PHASE 2 ACCESS CONTROL & CCTV SYSTEM (TBC)



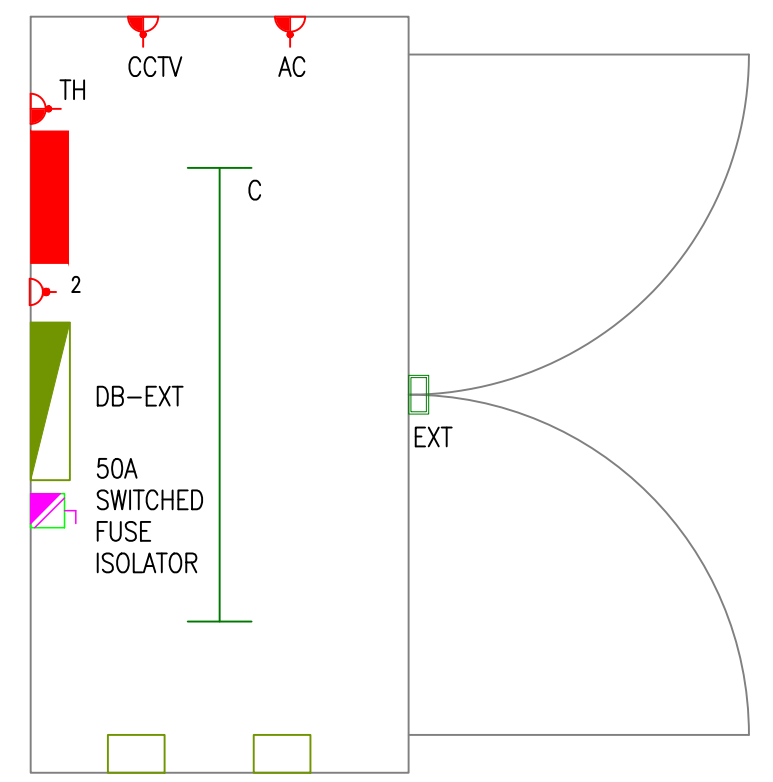
DISTRIBUTION BOARD SCHEDULE



TIMECLOCK No. 1 - SCHEMATIC CONNECTION OF EXTERNAL LIGHTING CONTROL FOR NEW CAR PARK (FROM DB-EXT)

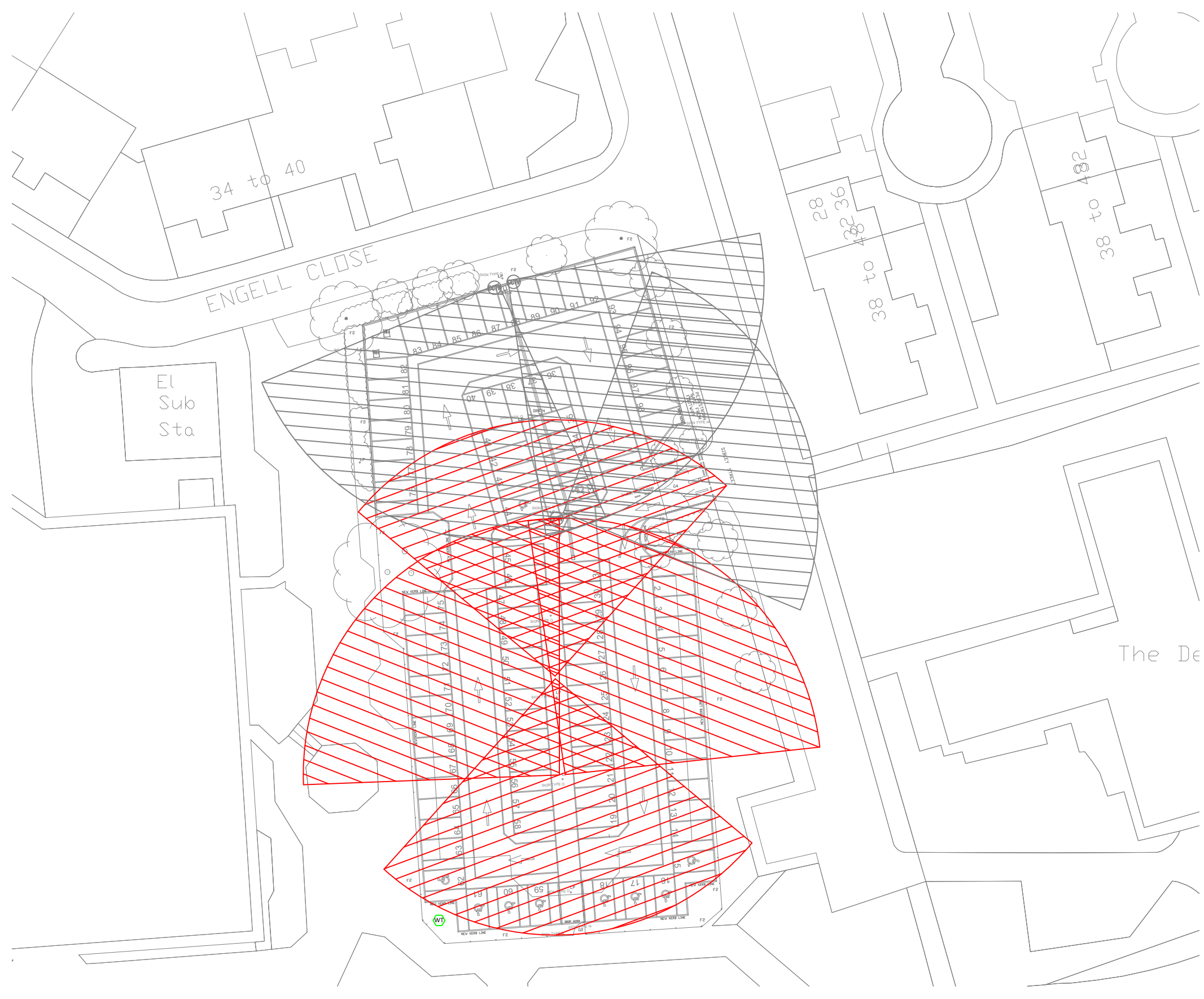


ISOLUX PLOT @ 1:500

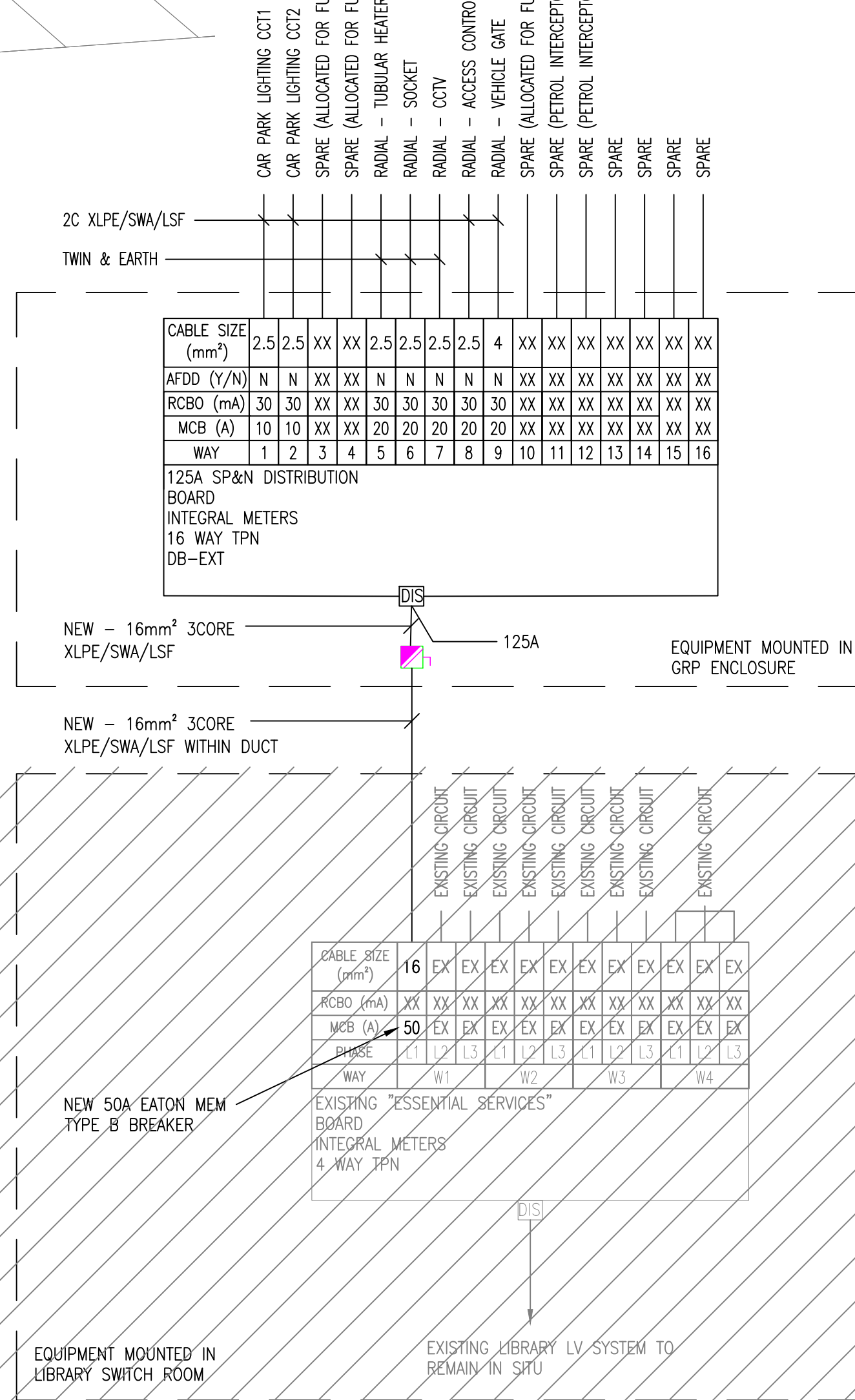


FUTURE INCOMING LV LOCATION, FINAL EQUIPMENT DETAILS REQUIRED

GRP ENCLOSURE SET OUT @ 1:20



CCTV COVERAGE @ 1:200



EXISTING ESSENTIAL SERVICES DB BOARD

PO	PLANNING ISSUE	20.11.23	GO
Client	DESCRIPTION	DATE	ENG
Contract	FUTURESERV		
Design	ENGINEER SUSTAIN		
Client	MORGAN SINDALL		
Job	GORTON LIBRARY CAR PARK		
Drawing	EXTERNAL - PROPOSED ELECTRICAL SERVICES LAYOUT		
Dwg No.	GCH-QUA-XX-XX-DR-N-6302	As	P01
Date	NOV '22	Scale	1:100
Drawn	AD	Engineer	GO
Checked		Reviewed	AM
Feasibility	Tender	Contract	
Design	Construction	As Built	
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