

LEGEND : EXTERNAL LIGHTING ZONES		
TYPE	ZONE	DESCRIPTION
	CAR PARK	COLUMN MOUNTED FITTING 10 LUX AVERAGE, 0.25 UNIFORMITY
	DISABLED BAYS	COLUMN MOUNTED FITTING 20 LUX MAXIMUM
	ROAD WAY	COLUMN MOUNTED FITTING 10 LUX AVERAGE, 0.4 UNIFORMITY
	PEDESTRIAN WALKWAYS	WALL MOUNTED FITTING 5 LUX AVERAGE, 0.25 UNIFORMITY
	CANOPY AND ENTRANCE	WALL MOUNTED FITTING 20 LUX AVERAGE, 0.4 UNIFORMITY
	EXTERNAL PLANT / LOADING AREAS	COLUMN/WALL MOUNTED FITTING 50 LUX AVERAGE, 0.4 UNIFORMITY
	COVERED CYCLE STORE	SURFACE MOUNTED FITTING 10 LUX AVERAGE, 0.25 UNIFORMITY
	EXTERNAL PLANT AREA	SURFACE MOUNTED FITTING 50 LUX, 0.4 UNIFORMITY

LEGEND : EXTERNAL LIGHTING ZONES				
AREA COVERED	MOUNTING	TYPE	DESCRIPTION	IMAGE
TYPICAL CAR PARK	POLE	SIROCCO MIDI	IP66 LED POST TOP LUMINAIRE WITH LIGHTWEIGHT DIE CAST ALUMINIUM BODY	
TYPICAL BUILDING PERIMETER AND EXTERNAL PLANT	WALL	KOLO IP65 HOOD	SURFACE MOUNTED CIRCULAR IP65 LED BULKHEAD LUMINAIRE IN 400mm DIAMETER	
TYPICAL EXTERNAL CANOPY & BIKE STORE	SURFACE	ACL INDUSTRY	IP66 LED ANTI-CORROSIVE LUMINAIRE WITH GRP BODY WITH HIGH IMPACT POLYCARBONATE INJECTION MOULDED OPAL DIFFUSER	
TYPICAL MAIN BUILDING/ CAR PARK	WALL	EUROFLOOD MIDI LED	IP66 SLIMLINE ASYMMETRIC FLOODLIGHT WITH DIE CAST BODY AND 5mm THICK THERMAL SHOCK AND IMPACT RESISTANT GLASS	

● LOCATION OF EXISTING LIGHTING COLUMNS, SEE NOTES 4 AND 7

- NOTES:
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL AND ENGINEERING SERVICES DRAWINGS AND SPECIFICATIONS.
 2. THE EXTERNAL LIGHTING WILL MEET THE REQUIREMENTS OF BS EN 12464-2: OUTDOOR WORK PLACES.
 3. EXTERNAL EMERGENCY LIGHTING SYSTEM WILL BE IN ACCORDANCE WITH BS 5966-1:2016 EMERGENCY LIGHTING.
 4. WHERE POSSIBLE THE EXISTING LIGHTING COLUMNS ARE TO BE RETAINED. THE EXISTING EXTERNAL LIGHTING LUMINAIRES WILL BE REPLACED WITH EFFICIENT LED LUMINAIRES AND EQUIPPED WITH DALI DRIVERS.
 5. THE EXTERNAL LIGHTING WILL DIM DOWN TO PRE-SET ILLUMINANCE LEVEL IF NO VEHICLE OR PERSON IS DETECTED. DAYLIGHT SENSORS WILL BE USED TO TRACK SUNRISE & SUNSET AND AUTOMATICALLY ADJUST SWITCHING TIMES.
 6. CO-ORDINATION WITH EXTERNAL SERVICES WILL BE REQUIRED UPON FINALIZATION OF A DETAILED LANDSCAPE DESIGN.
 7. THE CURRENT CONDITION AND FEASIBILITY OF RETAINING THE EXISTING LIGHTING COLUMNS IS TO BE VERIFIED BY THE CONTRACTOR APPOINTED SPECIALIST.
 8. TO DETERMINE WHAT SUPPLEMENTARY LIGHTING MAY BE REQUIRED TO ACHIEVE THE SPECIFIED PERFORMANCE CRITERIA IS DEPENDANT ON THE OUTCOME OF A DETAILED LIGHTING CALCULATION. THIS IS TO BE CARRIED OUT BY THE CONTRACTOR APPOINTED SPECIALIST AT THE NEXT DESIGN STAGE.



P03	15/12/23	STAGE 3 ISSUE	PV/RW
P02	08/12/23	DRAFT FOR PLANNING	PV/RW
P01	22/09/23	STAGE 2 ISSUE	PV/RW
No.	DATE	DESCRIPTION	APPD.



PROJECT:
THERAPIA LANE VEHICLE DEPOT

DESCRIPTION:
EXTERNAL LIGHTING STRATEGY

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DRAWN:	DESIGN:	SCALE:	PAPER:
PL	CM	1:200	A0
DRAWING NO:	REV:		
TLVD-VZV-XX-00-D-E-5631	P03		