

NOTES

- ALL DIMENSIONS IN MILLIMETRES, UNLESS OTHERWISE STATED.
- DO NOT SCALE FROM THIS DRAWING.
- ALL EXISTING SERVICES INFORMATION SHOWN ON THIS DRAWING IS INDICATIVE ONLY. REFER TO STATUTORY RECORD DRAWINGS FOR MORE SPECIFIC PLANT ROUTES & LOCATIONS.
- ALL COLUMNS ARE TO HAVE A HINGED BASE FOR EASE OF MAINTENANCE.
- SEPARATE LIGHTING CIRCUITS TO BE INDIVIDUALLY CONTROLLED AS SHOWN. EXTERNAL LIGHTING TO BE CONTROLLED VIA TIMECLOCK AND PHOTOCELL ARRANGEMENT.

ARCHITECTS' EXTERNAL DRAWINGS USED AS X-REFS
DRAWING REFERENCE: OCM-GDA-VV-ZZ-DR-A-05_20-3002 - P05

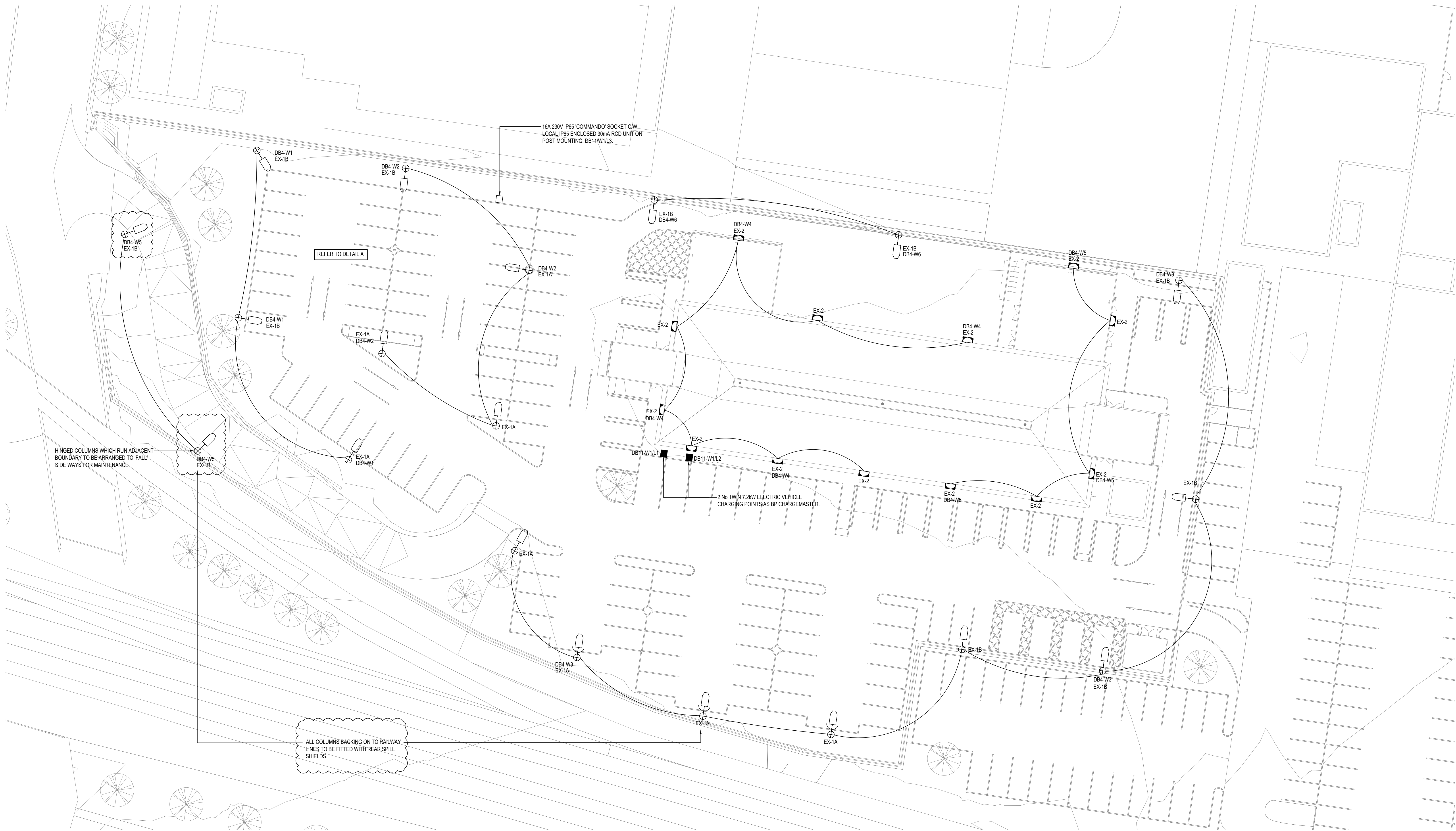
AREA	E _{av}	E _{min}	E _{max}	UNIFORMITY
FRONT CAR PARK	13	3	28	0.22
MAIN CAR PARK	18	7	32	0.41
REAR COURTYARD	12	3	24	0.26

LEGEND

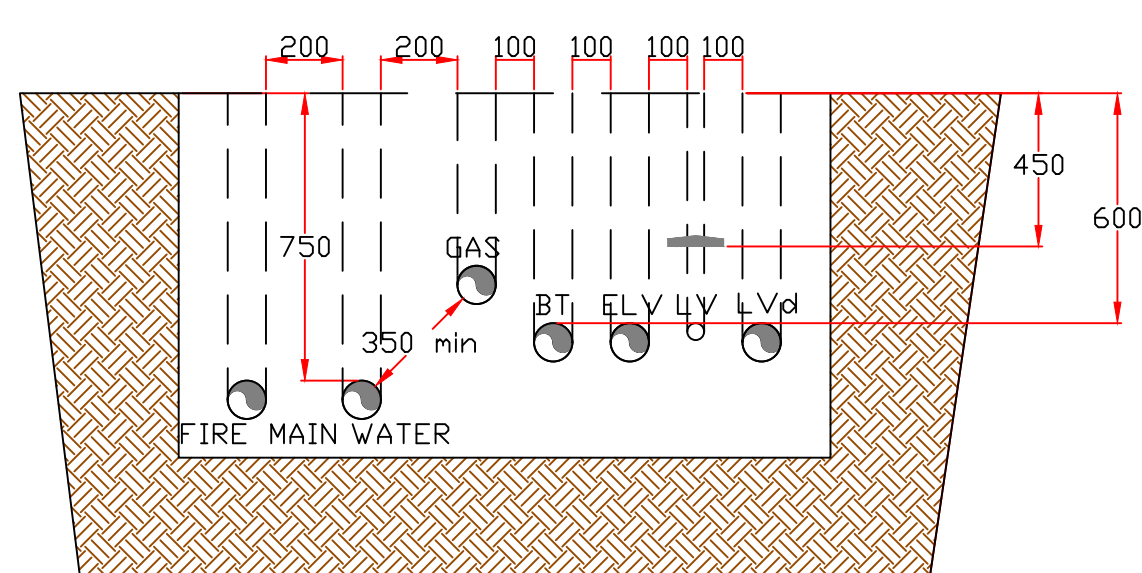
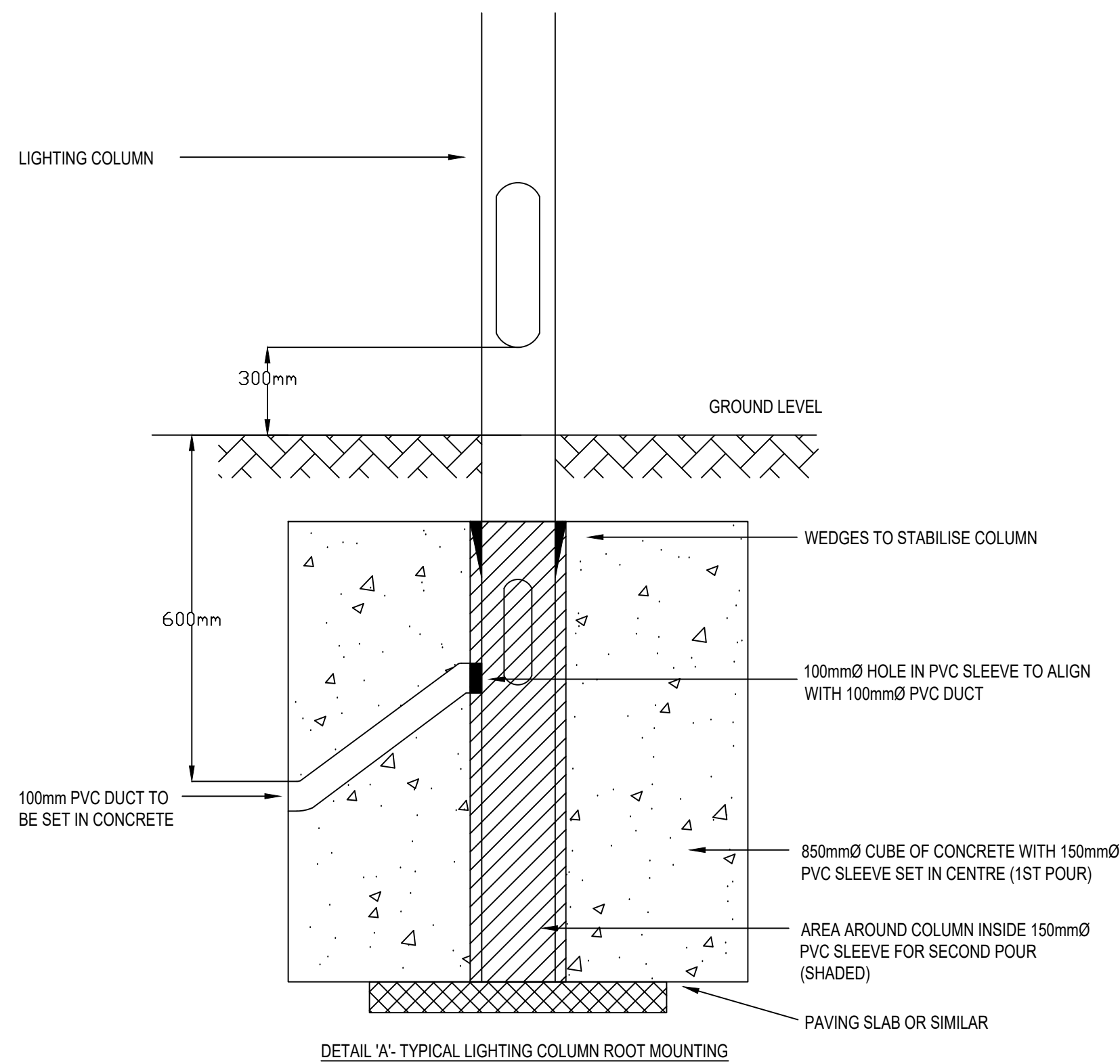
- ⊕ LIGHTING COLUMN
- ⊕ LIGHTING COLUMN CW REAR BAFFLE
- WALL MOUNTED LUMINAIRE

REF	MANUF.	CATALOGUE/PRODUCT NO.	PRODUCT DESCRIPTION	IMAGE
EX-1A	THORLUX LIGHTING	EX-1A - SB17554LF	POST TOP LED LUMINAIRE, MOUNTED ON 8M HINGED LIGHTING COLUMN, AS PER STARBEAM LED STREET LIGHT, EQUAL OR APPROVED.	
EX-1B	THORLUX LIGHTING	EX-1B - SB17554LF	POST TOP LED LUMINAIRE, MOUNTED ON 6M HINGED LIGHTING COLUMN, AS PER STARBEAM LED STREET LIGHT, EQUAL OR APPROVED.	
EX-2	THORLUX LIGHTING	EX-2 - CT19015LF	WALL MOUNTED CIRCULAR LED LUMINAIRE WITH EYELID COVER AS PER COBALT LED, EQUAL OR APPROVED.	

LUMINAIRE SCHEDULE

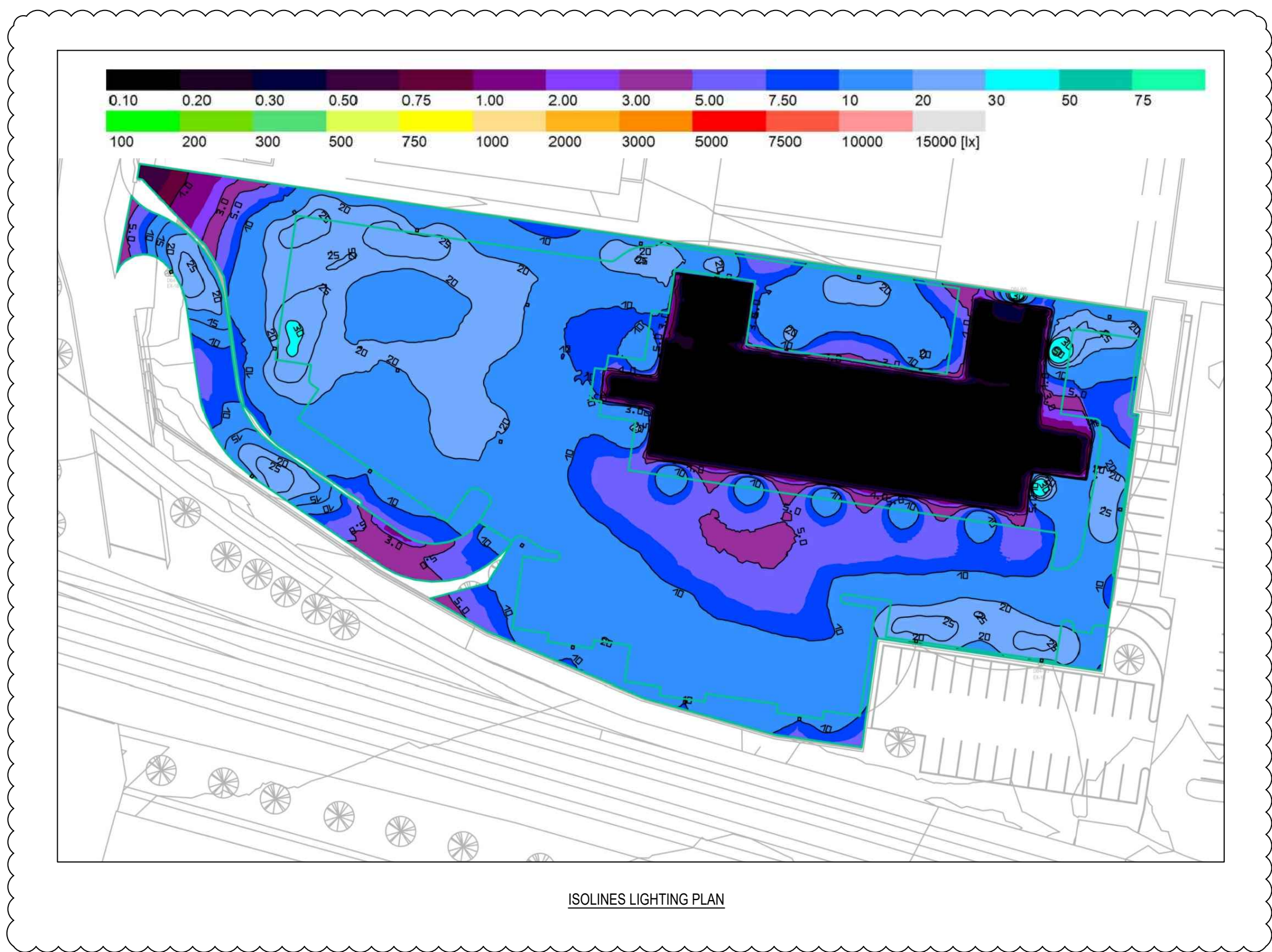


EXTERNAL LIGHTING PLAN @ 1:200



DIRECT DISTANCE BETWEEN GAS AND WATER SHALL NOT BE LESS THAN 300mm

DETAIL B: TYPICAL LAYOUT OF SERVICES BELOW GROUND



C3	EVC DETAILS ADDED. ADDITIONAL COLUMN ADDED ON RAMP	28.07.20	JJ	MK
C2	CONSTRUCTION - REVISED IN LINE WITH LATEST LAYOUTS	23.08.19	JJ	SJB
C1	CONSTRUCTION	07.01.18	GF	PG
T2	TENDER - CHANGES TO EXTERNAL AREAS	14.08.18	GF	PG
T1	TENDER	19.02.18	DS	PG
P2	REVISED TO SUIT UPDATED SITE PLAN	31.01.18	SL	DS
P1	PRELIMINARY	21.12.17	DS	PG
REV	DESCRIPTION	DATE	DRAWN	APPROVED

CONSTRUCTION



PROJECT
GREATER MANCHESTER POLICE
S.O.C.H. BUILDING OPENSHAW COMPLEX

DRAWING TITLE
PROPOSED EXTERNAL LIGHTING LAYOUT

ENGINEERING SERVICES DESIGN LIMITED

MECHANICAL & ELECTRICAL
CONSULTING ENGINEERS

No. 3, BROOKLANDS PLACE

BROOKLANDS ROAD

SALE, M33 3SD.

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DRAWN	GO	DATE	22.01.18
CHECKED	DS	DATE	22.01.18
APPROVED	PG	DATE	22.01.18
DRAWING NO.	OCM_ESD_XX_XX_DR_E_9000	SCALE	1:200@A0
REV	C3		