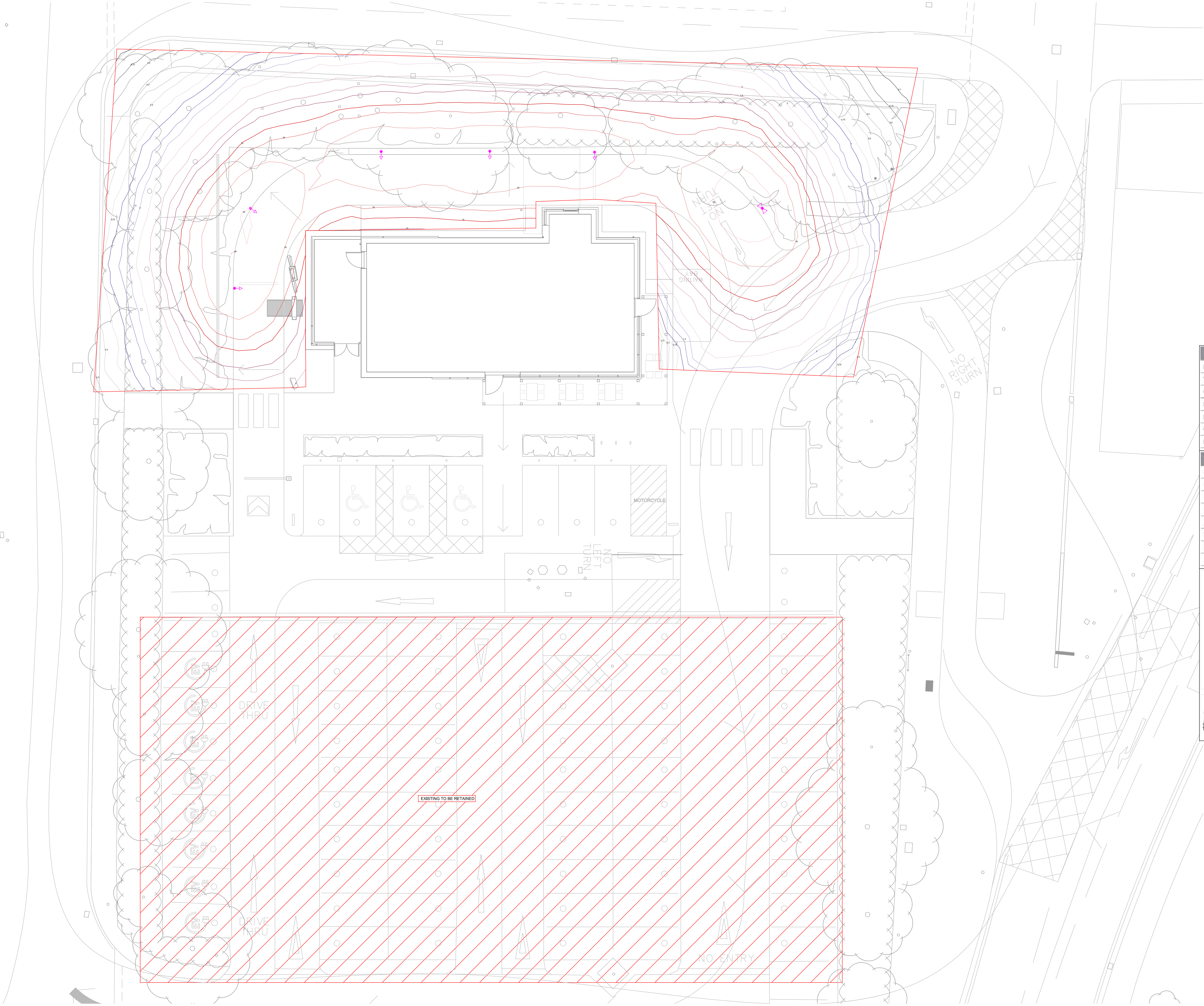




LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	SINGLE LED FLOODLIGHT ON 4m GALVANIZED TUBULAR STEEL LIGHTING COLUMN FIXED AT 0° TILT
	TWIN LED FLOODLIGHT ON 4m GALVANIZED TUBULAR STEEL LIGHTING COLUMN FIXED AT 0° TILT

LUX LEVELS	
	50 LUX
	30 LUX
	20 LUX
	15 LUX
	10 LUX
	7.5 LUX
	5 LUX
	3 LUX
	2 LUX
	1.5 LUX
	1 LUX

GENERAL NOTES	
1	THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ECS ELECTRICAL ENGINEERING SPECIFICATIONS.
2	THIS DRAWING IS INDICATIVE AND IS INTENDED TO HIGHLIGHT THE PROPOSED LOCATION FOR ELECTRICAL SERVICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL DETAILED DESIGN AND COORDINATION WITH ARCHITECTURAL, STRUCTURAL AND OTHER SERVICE ELEMENTS ASSOCIATED WITH THE INSTALLATION. ALL DIMENSIONS, CABLE ROUTES AND EQUIPMENT QUANTITIES ARE FOR GUIDANCE ONLY AND MUST BE VALIDATED, FINALISED AND COORDINATED BY THE CONTRACTOR.
3	THE CONTRACTOR SHALL NOTE THIS DRAWING HAS BEEN PRODUCED USING LIMITED SITE SURVEY INFORMATION. THE CONTRACTOR SHALL INCLUDE TO CARRY OUT AN INTRUSIVE SURVEY AND TO PRODUCE DRAWINGS THAT REFLECT THE INSTALLATION.
4	ALL EQUIPMENT SHALL BE INSTALLED & LOCATED TO MAINTAIN SPATIAL REQUIREMENTS TO FACILITATE ACCESS & MAINTENANCE IN LINE WITH MANUFACTURERS RECOMMENDATIONS AND GOOD PRACTICE GUIDES.
5	ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS GUIDELINES.
6	DO NOT SCALE FROM THIS DRAWING.
7	ALL DETAILS ARE APPLICABLE TO EVERY DRAWING UNLESS INDICATED OTHERWISE.

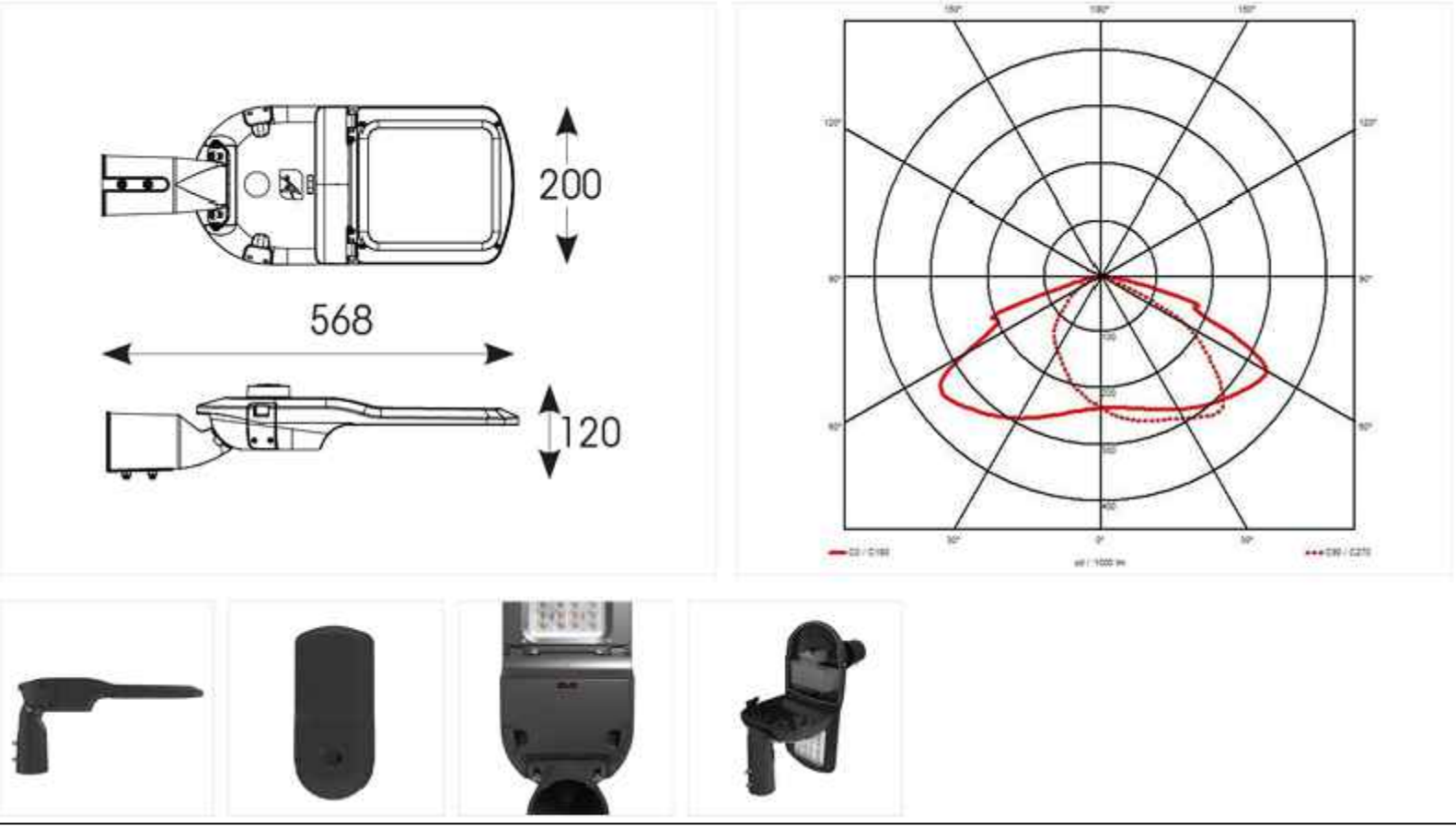
DRAWING NOTES	
SYMBOL	DESCRIPTION
	THE CONTRACTOR SHALL NOTE THE LIGHTING DESIGN IS IN LINE WITH THE IFCO-11 AND BS4889 GUIDELINES SHOWING THE LUX LEVEL DROPPING TO A SUITABLE LEVEL BEFORE REACHING THE SURROUNDING RESIDENTIAL AREA.
	THE CONTRACTOR SHALL NOTE THE LIGHTING DESIGN IS IN LINE WITH BS12464-2

GENERAL INFORMATION

Input	220-240V
Wattage	20W / 40W / 60W
Operating Temp	-20°C - 50°C
Lumens Delivered	3300lm / 6000lm / 9100lm (4000K)
lm/W	151lm/w (4000K)
CCT	3000K/4000K/5000K
Beam Angle	60/120

TECHNICAL INFORMATION

Class Protection	1
Light Source	LED
SDCM (Initial Macadam)	3
CRI	70
Internal / External	External
Surface / Recessed / Suspended	Pole
Power Factor	0.9
L70 @ 25°C	L70 B10 153000h



11	INFORMATION ISSUE.	J.M.	Jun. 2026
Rev.	Description	Revised By	Date

STATUS

INFORMATION



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JOB NO.	DRAWING NO.	COMPUTER FILE	REVISION
28/038	28/038/E/02	28_038_E_02	11
DATE	SCALE	DRAWN	CHECKED
June 2026	1:100 @ A0	J.M.	D.B.

JOB TITLE	Glenbrook, Starbucks, Rochdale
ISSUED TITLE	External Lighting Services

