Luminaire Schedule

Symbol	Qty	Label	Sap Code	Arrangement	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts	Mounting Height
A	14	A	96666256	Single	PIAZZA II LED 1690-840 HF ANT	0.790	1844	15	210	3
B	2	B	96679076	Single	CN B 8L35 830 RSC CL1 MPL ANT	0.790	918	11	22	1
C	10	C	92902972	Single	IP 12L70-740 EWR BP 3550 CL1 M76 GY-S	0.790	3785	28	280	6
C C	3	C Twin	2 x 92917102	Back-Back	2 x IP 12L70-740 EWR BP 3550 CL1 M42 GY-S	0.790	3785	28	168	6
D	20	D	92980486	Single	IP 24L70-740 ES BP 3550 CL1 M76 GY-S	0.790	7433	53	1060	8
E	9	E	96630753	Single	AQFPRO S LED2900-840 PC MB HF	0.800	3134	22	198	4.6
F WALL	6	FWall	96644710	Single	AFP S 24L35-740 A4 BS 3550 CL1 GY	0.790	4275	28	168	6
G	3	G	96644992	Single	AFP M 72L70-740 A6 BS 3550 CL1 GY	0.790	23002	150	450	8
G G G TWIN	2	G Twin	2 x 96644992	2 @ 90 degrees	2 x AFP M 72L70-740 A6 BS 3550 CL1 GY	0.790	23002	150	600	8
G WALL	11	GWall	96644992	Single	AFP M 72L70-740 A6 BS 3550 CL1 GY	0.790	23002	150	1650	8

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Min/Avg
(01) Access Road	Illuminance	Lux	29.25	126	12	0.41
(02) Units 1-6 Car Parking	Illuminance	Lux	35.74	65	16	0.45
(03) Bld Perimeter Units 1-3	Illuminance	Lux	25.41	35	11	0.43
(04) Bld Perimeter Units 4-6	Illuminance	Lux	14.41	21	3	0.21
(05) Customer Parking	Illuminance	Lux	15.18	35	8	0.53
(06) Staff Parking	Illuminance	Lux	22.36	49	14	0.63
(07) Main building entrance	Illuminance	Lux	31.77	94	10	0.31
(08) Lower Yard	Illuminance	Lux	55.87	117	25	0.45
(09) Upper Yard	Illuminance	Lux	56.79	152	20	0.35
(10) Main building Under Canopy	Illuminance	Lux	48.94	56	36	0.74
(11) Surround Spill Light	Illuminance	Lux	0.48	13	0	0.00

UWLR Area Summary

Label	Total Watts	UWLR	%
Upward Waste Light Ratio	4806	0.005	0.5

Columns & brackets

Ref C	6m Steel Stepped column	96632557	
Ref C Twin	6m Steel Stepped column	96632557 + Twin Bracket	96632567
Ref D	8m Steel Stepped column	96632559 + Spigot	96632571
Ref G	8m Steel Stepped column	96632559 + Single FL Bracket	96632568
Ref G Twin	8m Steel Stepped column	96632559 + Twin FL Bracket	96632569

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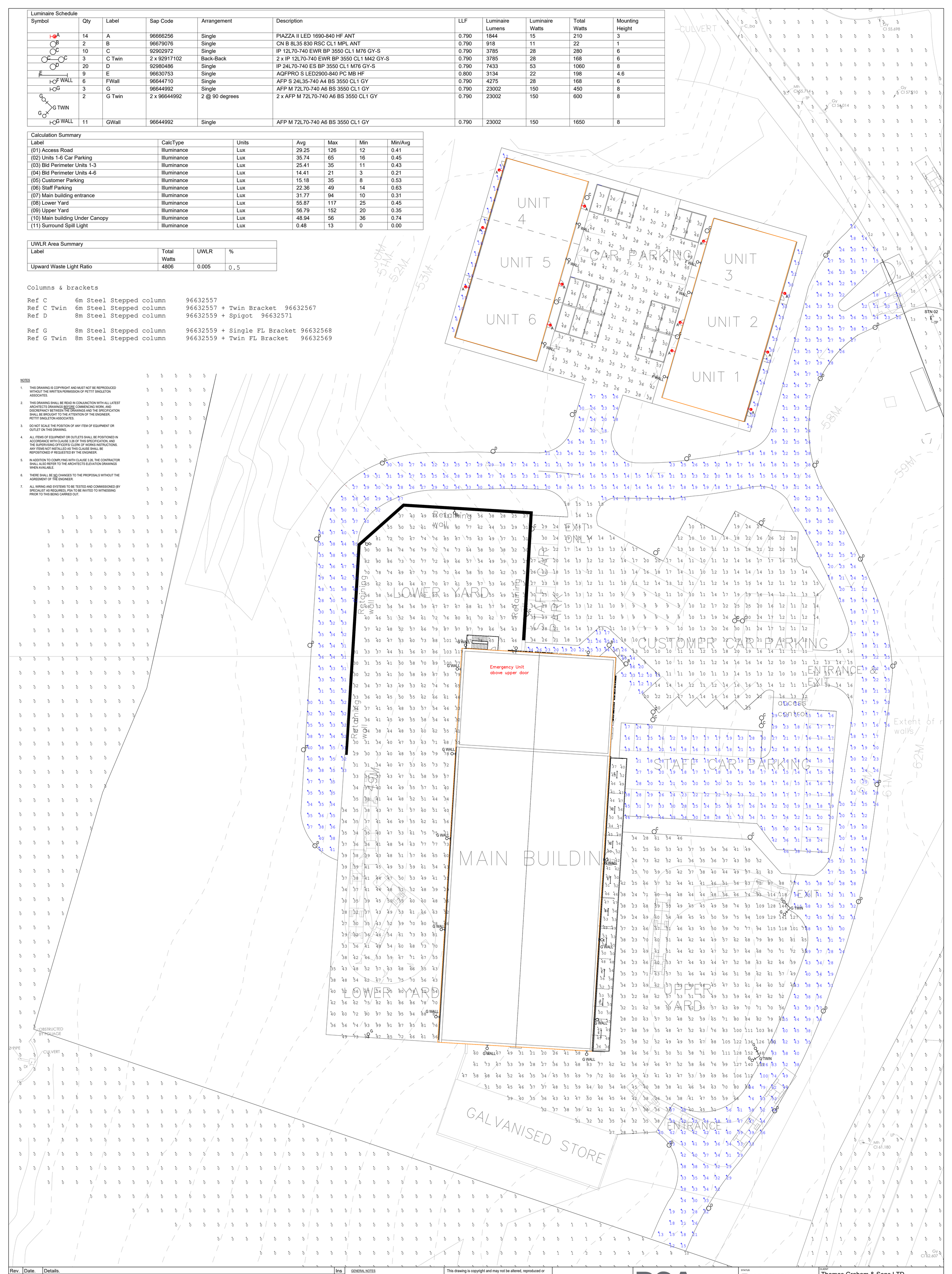

Rev.	Date.	Details.	Ins
P1	18 Apr 23	Planning Issue	JC
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PSA
PETTIT SINGLETON ASSOCIATES
CHARTERED BUILDING SERVICES ENGINEERS

STATUS
☒ PRELIMINARY
☐ APPROVAL/COMMENT
☐ TENDER
☐ CONSTRUCTION

DATE APRIL 23 | SCALE 1:200 @ A0
DRAWN JC | CHECKED JS

CLIENT
Thomas Graham & Sons LTD

PROJECT
Thomas Graham Egremont

TITLE
Electrical Services
External Lighting and Light Spill
All Lighting On

DWG No 8303 - Sk1 | REV P1