



Luminaire Schedule

Symbol	Qty	Label	LLF	Description	Lum. Watts	Lum. Lumens
□	128	L1	0.900	AXCS3A-W	26.8	2989
□	6	L2	0.900	AXCS2A-W	20.7	2164
□	11	L3	0.900	GLEON-SA2B-730-U-SL3	85	10650
□	11	L4	0.900	GLEON-SA2B-730-U-T4W	85	10573
□	5	L5	0.900	GLEON-SA3B-730-U-5WQ	124	16736
□	5	L6	0.900	GLEON-SA2B-730-U-5WQ	85	11217
□	8	L7	0.900	GLEON-SA3B-730-U-SL4	124	15096
□	6	L8	0.900	GLEON-SA2B-730-U-SL2-HSS	85	8819
□	1	L9	0.900	GLEON-SA2B-730-U-SL3-HSS	85	9098
□	2	L10	0.900	GLEON-SA2B-730-U-SL2	85	10430
□	15	L11	0.900	GLEON-SA3C-730-U-5WQ	166	20714
○	4	L12	0.900	LXS-B2-LED-D1-T4-C	48	4818
○	6	L13	0.900	HC615D010-HM612830-61MDH	14	1189

NOTE

- THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF LAYOUT TO EXISTING/FUTURE FIELD CONDITIONS AND ALL MANDATORY BUILDING AND LIFE SAFETY CODES AND COMPLIANCE.
- LIGHTING LEVEL REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS/LEDS, AND OTHER VARIABLE FIELD CONDITIONS.
- MOUNTING HEIGHTS INDICATED ARE FROM GRADE AND/OR FLOOR UP.
- CLARUS DOES NOT ACT AS THE ELECTRICAL, CIVIL, OR STRUCTURAL ENGINEER AND DOES NOT DETERMINE BASE REQUIREMENTS AND APPLICABLE CODE COMPLIANCE. CLARUS IS NOT LIABLE FOR ANY CODE COMPLIANCE DISCREPANCY.
- THESE LIGHTING CALCULATIONS ARE NOT A SUBSTITUTE FOR INDEPENDENT ENGINEERING ANALYSIS OF LIGHTING SYSTEM SUITABILITY AND SAFETY. THE ENGINEER AND/OR ARCHITECT OF RECORD IS RESPONSIBLE FOR CODE COMPLIANCE, INCLUDING AND NOT LIMITED TO - NFPA 101 LIFE SAFETY CODE, MICHIGAN ENERGY CODE, MICHIGAN BUILDING CODE AND/OR IECG CODE AND LIGHTING QUALITY COMPLIANCE.

Calculation Summary

Label	Units	Avg	Max	Min	Max/Min	Avg/Min
Bldg 1 & 2 Shared Garage Entranc	Fc	4.13	8.5	1.0	8.50	4.13
Bldg 7 & 8 Shared Garage Entranc	Fc	4.71	8.0	0.9	8.89	5.23
Building 1 Entrances	Fc	4.73	10.2	0.8	12.75	5.91
Building 1 Garage Entrances	Fc	3.58	9.1	0.7	13.00	5.11
Building 1 Walkway	Fc	1.31	5.4	0.4	13.50	3.28
Building 10 Entrances	Fc	7.43	11.7	3.0	3.90	2.48
Building 10 Walkway	Fc	1.47	5.3	0.3	17.67	4.90
Building 11 Entrances	Fc	5.85	9.2	2.2	4.18	2.66
Building 11 Garage Entrances	Fc	3.37	7.9	0.8	9.88	4.21
Building 11 Walkway	Fc	1.39	4.9	0.4	12.25	3.48
Building 12 Entrances	Fc	5.67	11.0	1.7	6.47	3.34
Building 12 Garage Entrances	Fc	3.26	10.5	0.5	21.00	6.52
Building 12 Walkway	Fc	1.33	4.6	0.4	11.50	3.33
Building 13 Entrances	Fc	7.52	11.8	3.0	3.93	2.51
Building 13 Walkway	Fc	0.65	1.4	0.2	7.00	3.25
Building 2 Entrances	Fc	4.80	9.9	0.8	12.38	6.00
Building 2 Garage Entrance	Fc	3.52	10.3	0.8	12.88	4.40
Building 2 Walkway	Fc	1.28	3.9	0.3	13.00	4.27
Building 3 Entrances	Fc	7.17	11.9	1.5	7.93	4.78
Building 3 Walkway	Fc	0.84	1.5	0.3	5.00	2.80
Building 4 Entrances	Fc	7.29	11.8	1.6	7.38	4.56
Building 4 Walkway	Fc	0.75	1.3	0.2	6.50	3.75
Building 5 Entrances	Fc	5.02	10.1	1.0	10.10	5.02
Building 5 Garage Entrances	Fc	3.43	10.9	0.7	15.57	4.90
Building 5 Walkway	Fc	1.37	4.7	0.5	9.40	2.74
Building 6 Entrances	Fc	5.18	10.5	1.3	8.08	3.98
Building 6 Garage Entrances	Fc	3.46	8.8	0.5	17.60	6.92
Building 6 Walkway	Fc	1.35	4.7	0.4	11.75	3.38
Building 7 Entrances	Fc	4.56	10.7	0.6	17.83	7.60
Building 7 Garage Entrance	Fc	3.21	9.3	0.4	23.25	8.03
Building 7 Walkway	Fc	0.90	2.2	0.4	5.50	2.25
Building 8 Entrances	Fc	4.44	8.9	0.7	12.71	6.34
Building 8 Garage Entrance	Fc	3.14	8.4	0.7	12.00	4.49
Building 8 Walkway	Fc	1.37	5.8	0.4	14.50	3.43
Building 9 Entrances	Fc	6.35	11.9	2.0	5.95	3.18
Building 9 Walkway	Fc	0.83	1.8	0.3	6.00	2.77
Community Center Drive	Fc	1.99	3.7	0.5	7.40	3.98
Community Center Entrance	Fc	4.08	10.3	0.8	12.88	5.10
Community Center Pool Entrance	Fc	8.28	10.6	5.3	2.00	1.56
Community Center Walkways	Fc	0.99	1.9	0.3	6.33	3.30
Garbage Recycling Road & Walkway	Fc	1.67	3.7	0.7	5.29	2.39
Pool Deck	Fc	2.02	4.7	0.5	9.40	4.04
Property Line	Fc	0.06	2.4	0.0	N.A.	N.A.
Property Line thru Road L	Fc	1.41	2.4	0.2	12.00	7.05
Property Line thru Vetter Road	Fc	0.85	1.3	0.3	4.33	2.83
Road A	Fc	1.66	3.9	0.7	5.57	2.37
Road A Walkways	Fc	1.82	6.3	0.6	10.50	3.03
Road B Parking	Fc	2.04	7.4	0.3	24.67	6.80
Road C	Fc	1.49	3.4	0.4	8.50	3.73
Road C Parking	Fc	1.62	5.8	0.4	14.50	4.05
Road D and Parking	Fc	2.08	6.8	0.4	17.00	5.20
Road E and Parking	Fc	2.10	7.0	0.4	17.50	5.25
Road F and Parking	Fc	2.26	7.3	0.5	14.60	4.52
Road G and Parking	Fc	1.72	7.2	0.4	18.00	4.30
Road H & Parking	Fc	2.04	6.9	0.4	17.25	5.10
Road I	Fc	1.30	2.8	0.5	5.60	2.60
Road L	Fc	1.26	2.5	0.5	5.00	2.52
Road L Walkways	Fc	1.07	3.0	0.4	7.50	2.68
Vetter & WA305 T-Intersection	Fc	0.84	2.7	0.1	27.00	8.40
Vetter Road	Fc	1.28	4.1	0.1	41.00	12.80
Vetter Road Walkways	Fc	1.10	6.3	0.2	31.50	5.50
VikingWay @ Road L Intersection	Fc	0.69	2.3	0.1	23.00	6.90

ALL CALCULATION POINTS TAKEN AT GRADE LEVEL.

CALCULATION POINTS SPACED @ 10'-0" x 10'-0".

MOUNTING HEIGHTS INDICATED ADJACENT TO FIXTURES (MH:XX).

05-20-21

REVISION
REVISION NO. 1

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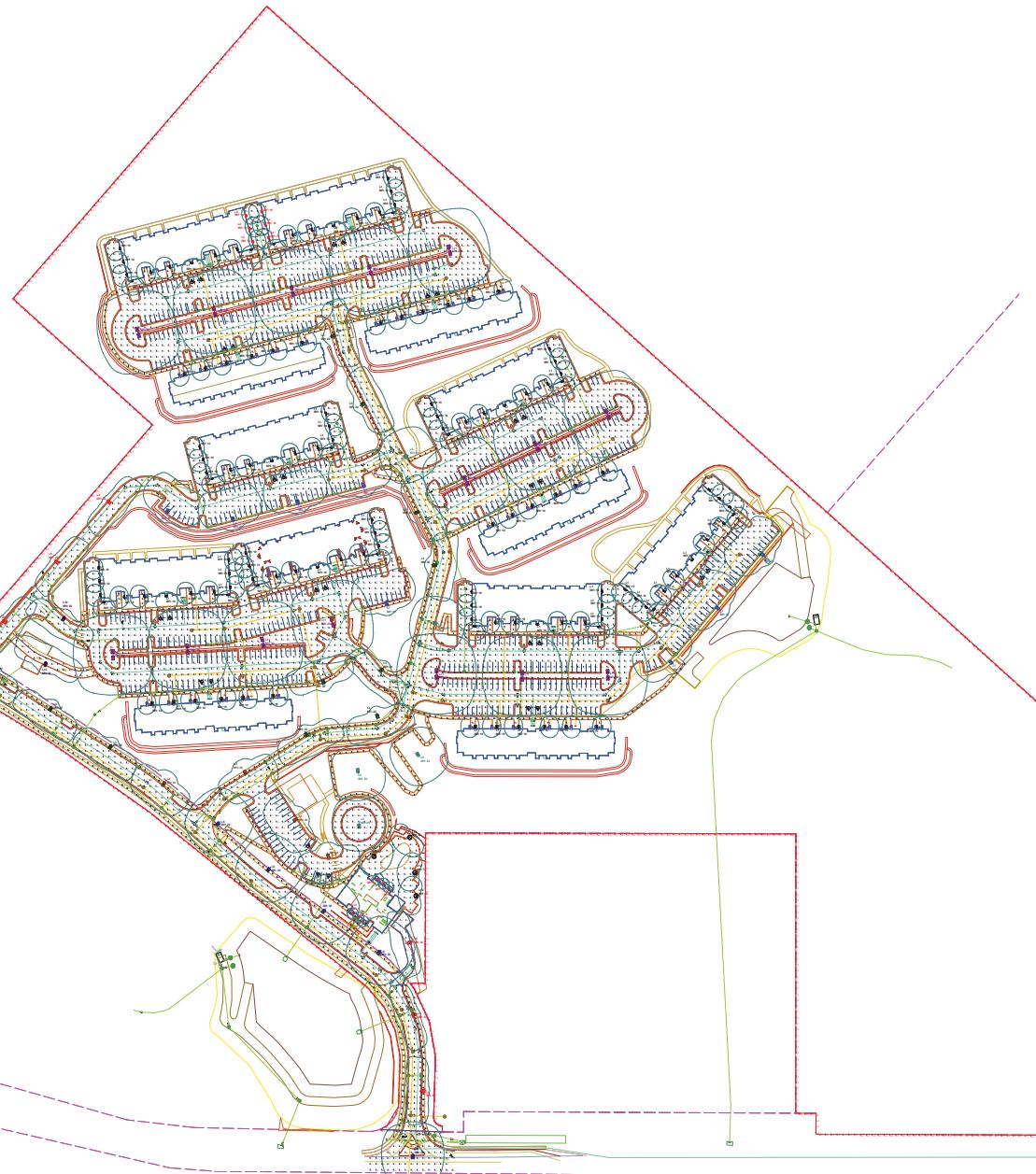
PROJECT TITLE
OSLO BAY APARTMENTS
POULSBY, WASHINGTON

SHEET TITLE
PHOTOMETRIC CALCULATIONS
SITE LIGHTING

DATE
05-20-21
PROJECT No.
CLC20-74026
SHEET No.

L201

Scale: 1 inch= 80 Ft.



05-20-21

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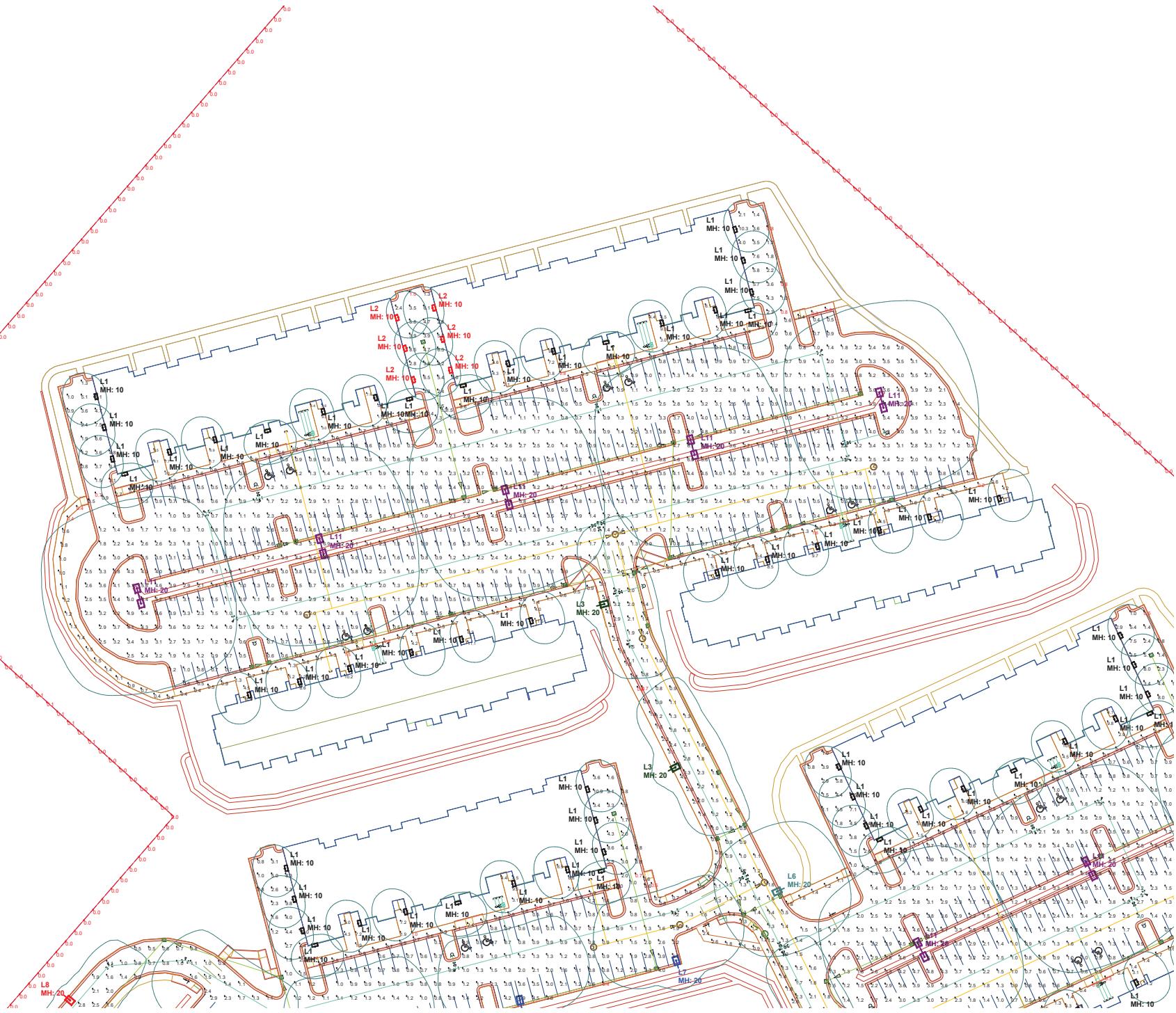
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OSLO BAY APARTMENTS
POULSBØ, WASHINGTON

SHEET TITLE
PHOTOMETRIC CALCULATIONS
SITE LIGHTING - ENLARGED PLAN
BUILDINGS 1, 2, 3 AND 4

DATE
05-20-21
PROJECT No.
CLC20-74026
SHEET No.

L202

REVISION
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05-20-21

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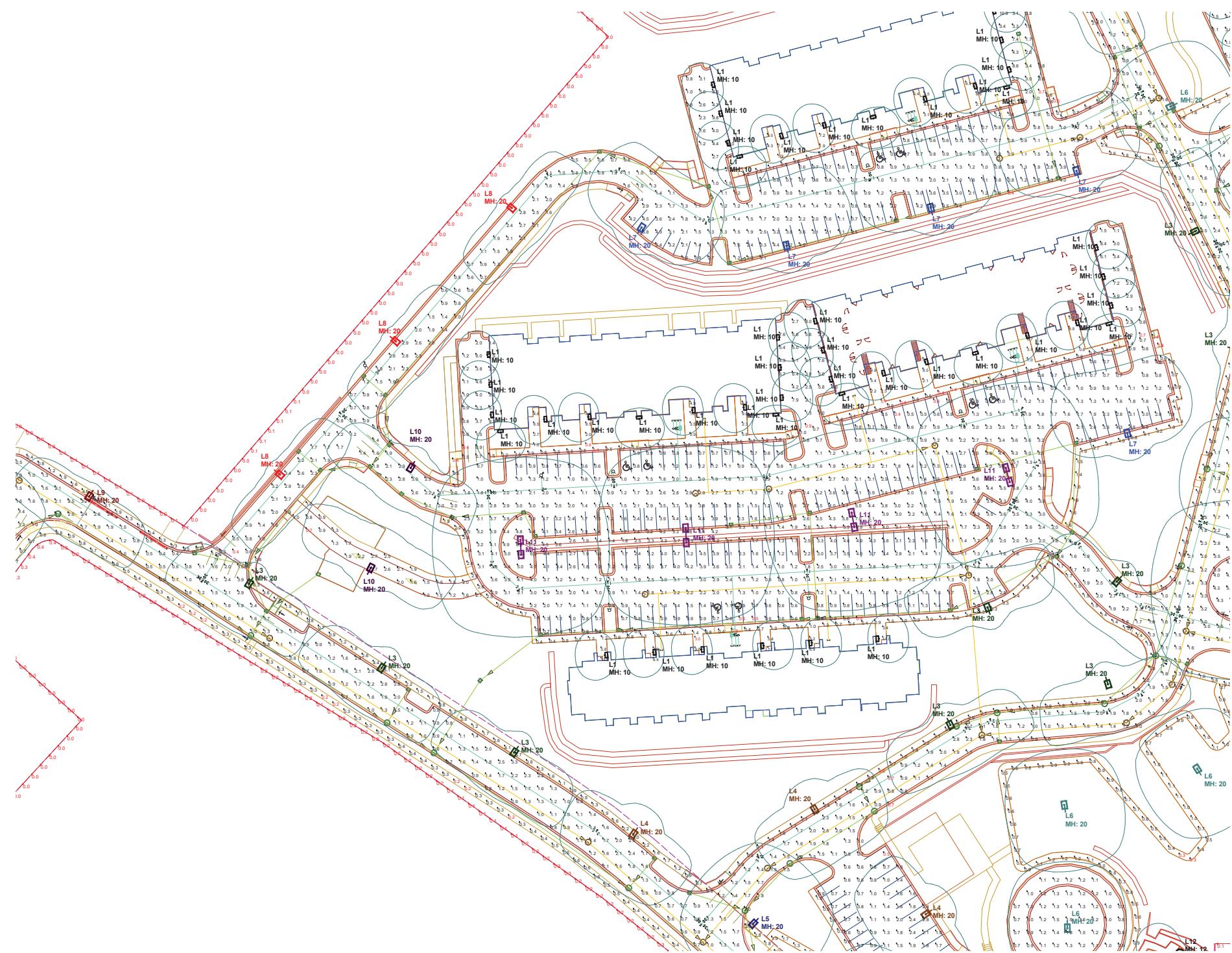


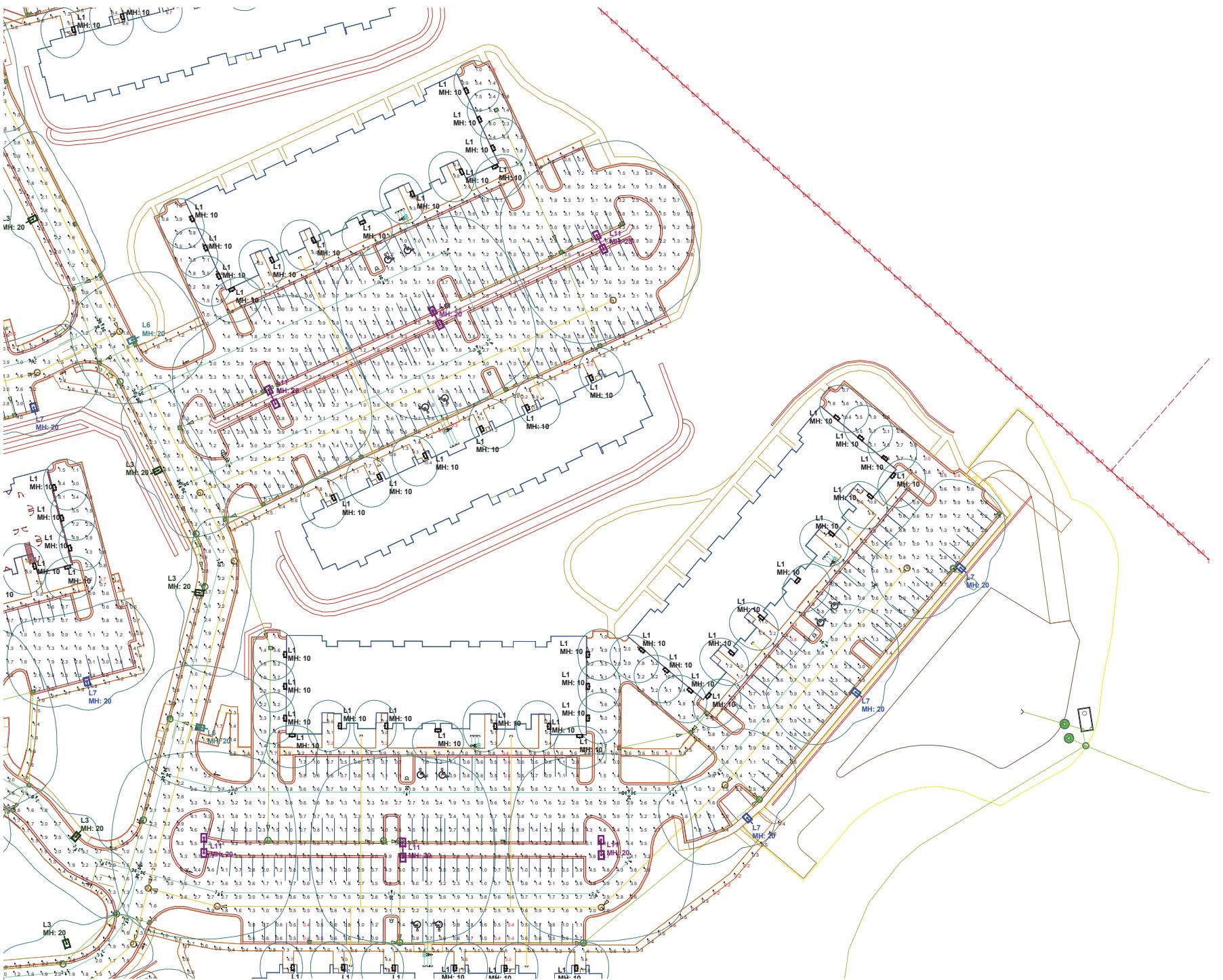
PROJECT TITLE
OSLO BAY APARTMENTS
POULSBY, WASHINGTON

SHEET TITLE
PHOTOMETRIC CALCULATIONS
SITE LIGHTING - ENLARGED PLAN
BUILDINGS 5, 7, 8 AND 10

DATE
05-20-21
PROJECT No.
CLC20-74026
SHEET No.

L203





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LIGHTING & CONTROLS

PROJECT TITLE
OSLO BAY APARTMENTS
POULSBØ, WASHINGTON

SHEET TITLE PHOTOMETRIC CALCULATIONS
SITE LIGHTING - ENLARGED PLAN
BUILDINGS 6, 11 AND 12

DATE
05-20-21
PROJECT No.
CLC20-74026
SHEET No.

L204

05-20-21

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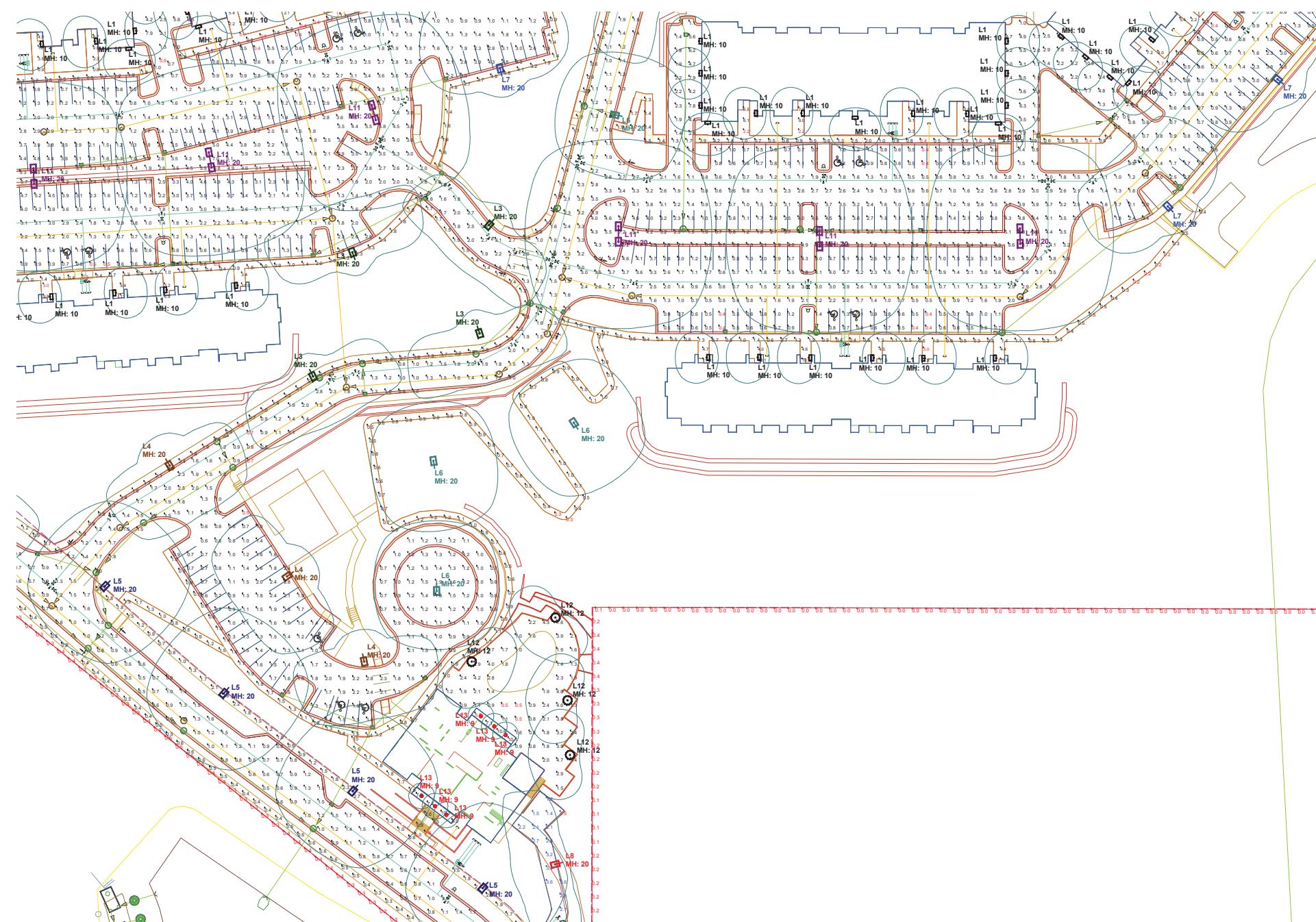


PROJECT TITLE
OSLO BAY APARTMENTS
POULSBY, WASHINGTON

SHEET TITLE
PHOTOMETRIC CALCULATIONS
SITE LIGHTING - ENLARGED PLAN
BUILDINGS 13 AND PARTIAL
COMMUNITY CENTER

DATE
05-20-21
PROJECT No.
CLC20-74026
SHEET No.

L205



05-20-21

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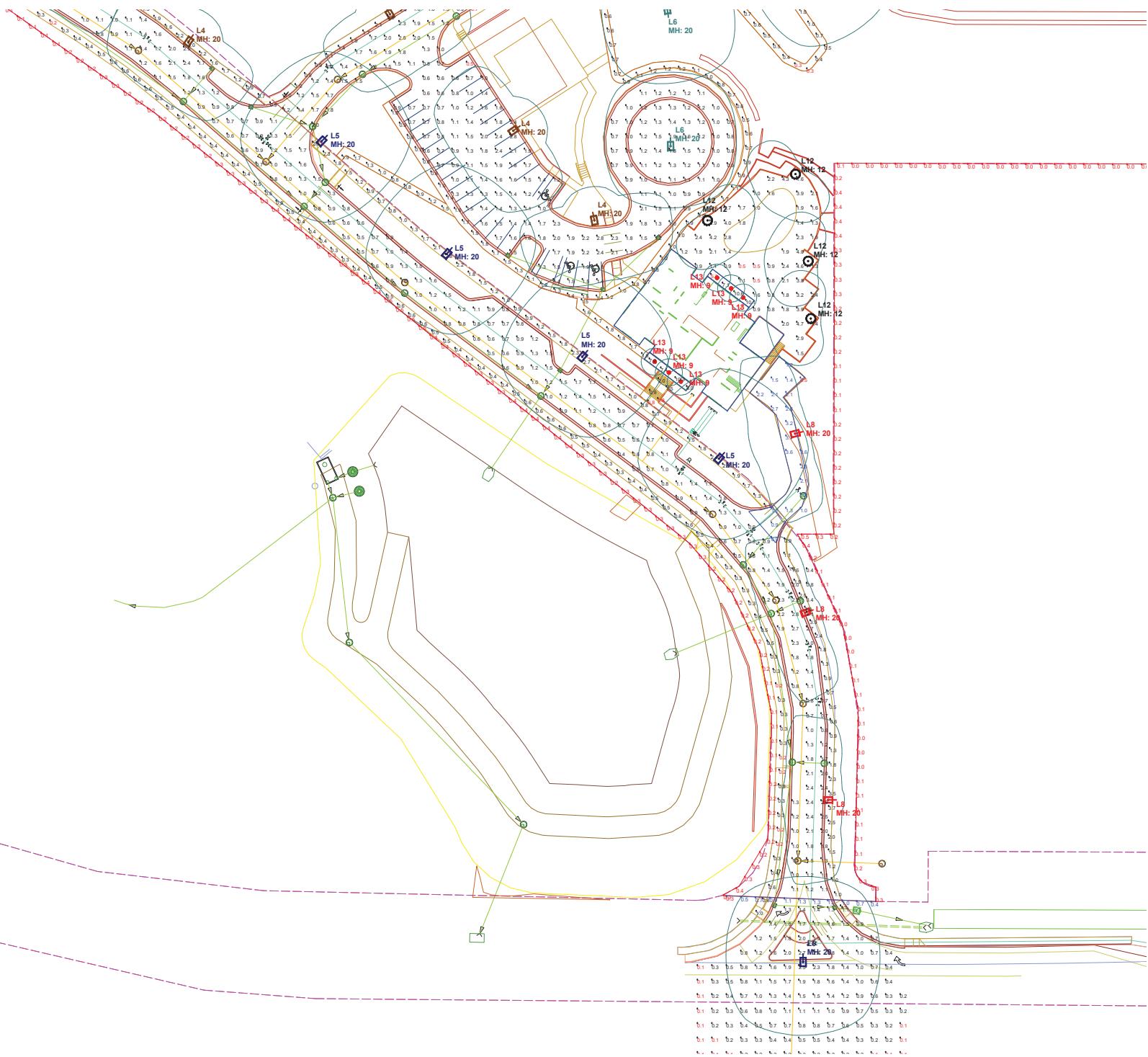


PROJECT TITLE
OSLO BAY APARTMENTS
POULSBY, WASHINGTON

SHEET TITLE
PHOTOMETRIC CALCULATIONS
SITE LIGHTING - ENLARGED PLAN
COMMUNITY CENTER AND PARTIAL
VETTER ROAD

DATE
05-20-21
PROJECT No.
CLC20-74026
SHEET No.

L207



05-20-21

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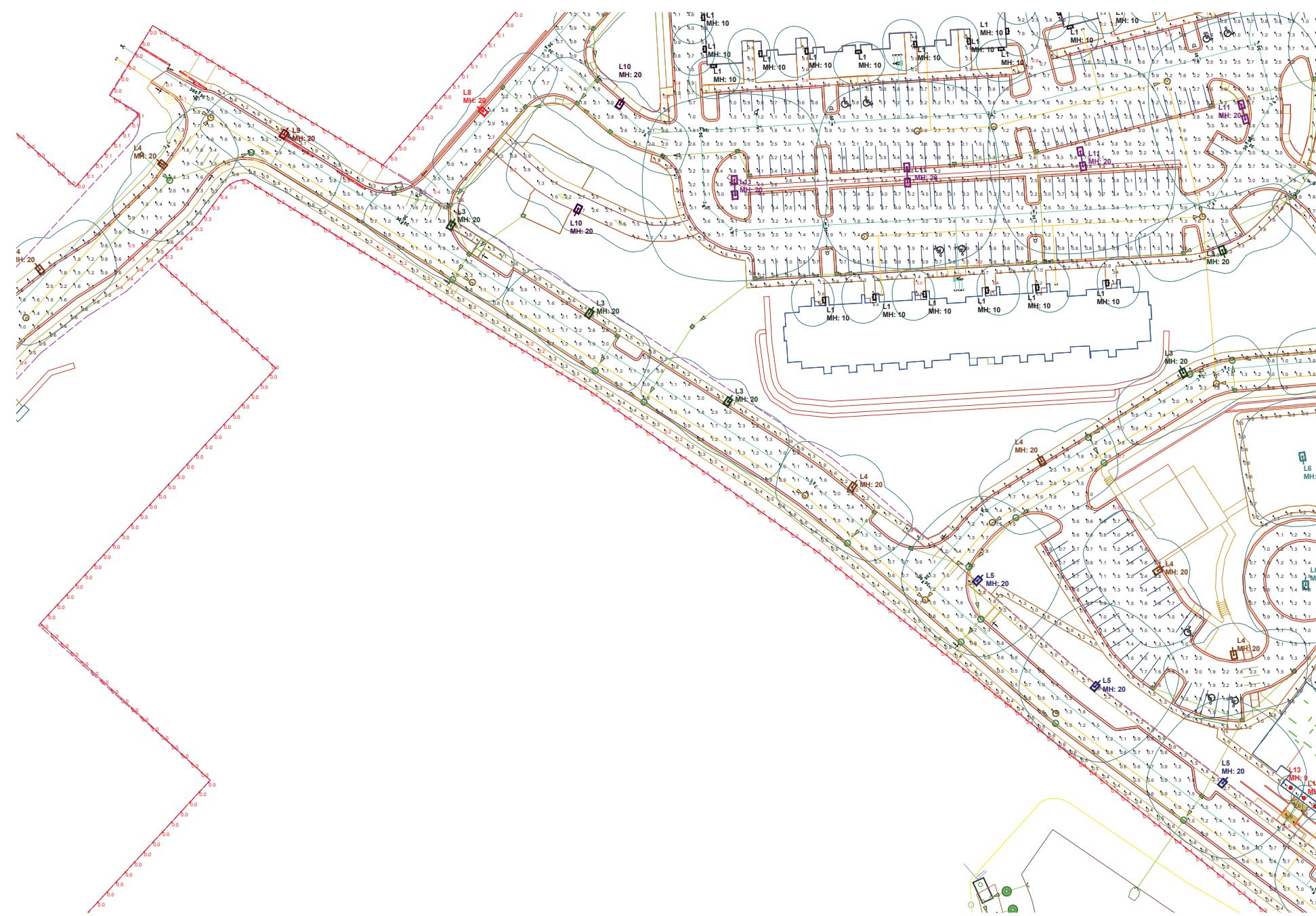


PROJECT TITLE
OSLO BAY APARTMENTS
POULSBY, WASHINGTON

SHEET TITLE
PHOTOMETRIC CALCULATIONS
SITE LIGHTING - ENLARGED PLAN
BUILDING 10 AND PARTIAL
VETTER ROAD

DATE
05-20-21
PROJECT No.
CLC20-74026
SHEET No.

L208



05-20-21

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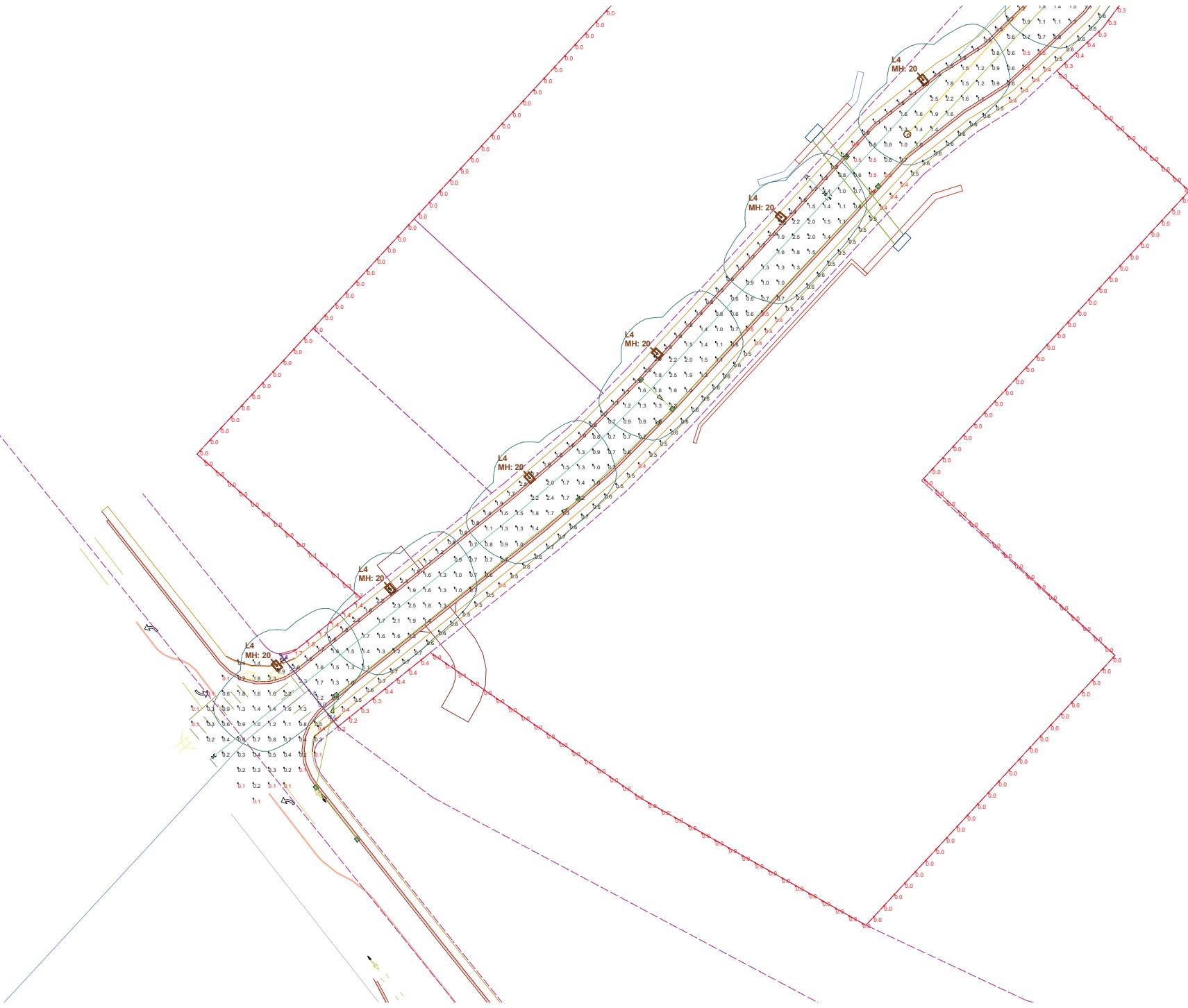
PROJECT TITLE
OSLO BAY APARTMENTS
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SHEET TITLE
PHOTOMETRIC CALCULATIONS
SITE LIGHTING - ENLARGED PLAN
PARTIAL ROAD L

DATE
05-20-21
PROJECT No.
CLC20-74026
SHEET No.

L209





PROJECT TITLE
OSLO BAY APARTMENTS
POULSBY, WASHINGTON

SHEET TITLE
PHOTOMETRIC CALCULATIONS
SITE LIGHTING - ENLARGED PLAN
ROAD L

DATE
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PROJECT No.
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