

# LEVY RESIDENCE

## LIGHTING LAYOUT & SPECIFICATIONS

May 1, 2025

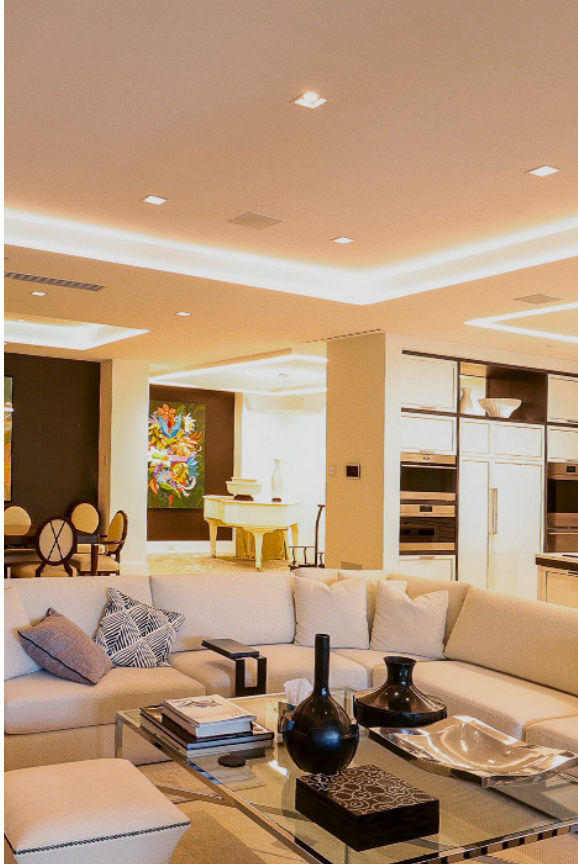
## RESIDENTIAL PROJECT

PROJECT SIZE: First Floor 6244.49 sq/ft

### PROJECT SCOPE:

1. Lighting design layout interior spaces
2. Provide fixture specifications for:
  - Recessed Downlights, Adjustables, Wallwashers
  - Surface Mounted Downlights
3. (Not Included: Decorative fixtures)
4. Photometric Studies
5. Details (As needed)

ART4D - General Illumination



ART2A - Accentlighting



DRD5 - Surface Mounted



ART05L - Linear



CONCEPT IMAGES



# OVERALL FIRST FLOOR LIGHTING PLAN

LEVY RESIDENCE  
May 1, 2025



## DRAWING NOTES

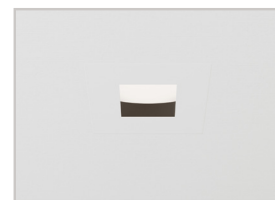
- 1 RECOMMEND ADDING DECORATIVE SCUNCES, SMALL PENDANTS OR INCORPORATED MIRROR LIGHT FOR VERTICAL ILLUMINATION TO AVOID SHADOWS ON USERS FACIAL FEATURES.
- 2 DECORATIVE PENDANT (DP), DECORATIVE SCNCE (DS), DECORATIVE ART LIGHT (DL) TO BE PROVIDED BY OTHERS.



ART4A- (Adjustable)  
A1,A2



ART2A- (Adjustable)  
A3,A5,A7



ART2A- (Pinhole)  
A4,A6



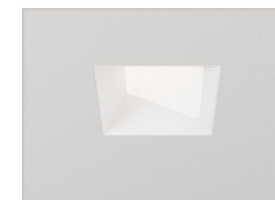
ART4D- (Downlight)  
D1,D2



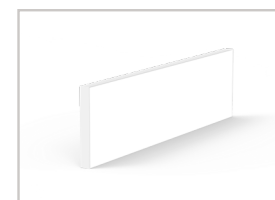
ART4D- (Pinhole)  
D3



ART4D- (Downlight)  
D4,D5,D6,D8



ART2D- (Wallwasher)  
D7



DRD5 18"- (Downlight)  
S1



DRD5 4"- (Downlight)  
S2



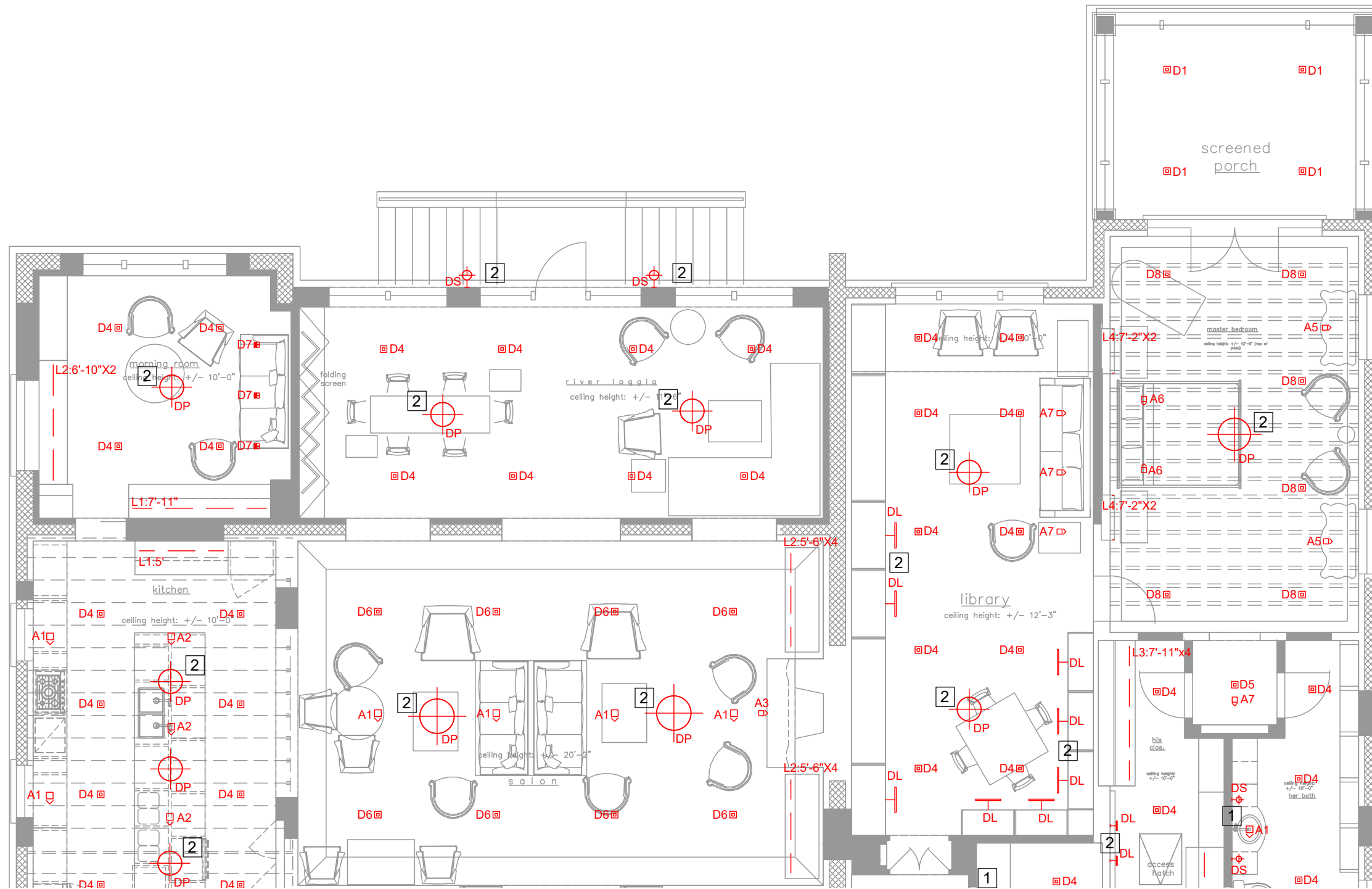
ART05L (Linear)-  
L1-L4

# ENLARGE FIRST FLOOR LIGHTING PLAN

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## DRAWING NOTES

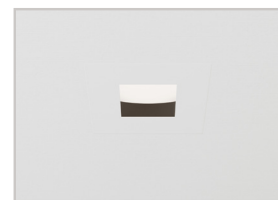
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A1,A2



ART2A- (Adjustable)  
A3,A5,A7



ART2A- (Pinhole)  
A4,A6



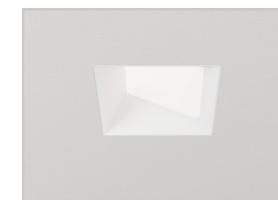
ART4D- (Downlight)  
D1,D2



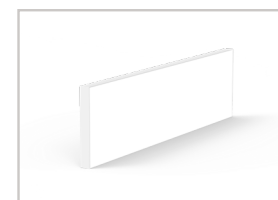
ART4D- (Pinhole)  
D3



ART4D- (Downlight)  
D4,D5,D6,D8



ART2D- (Wallwasher)  
D7



DRD5 18''- (Downlight)  
S1



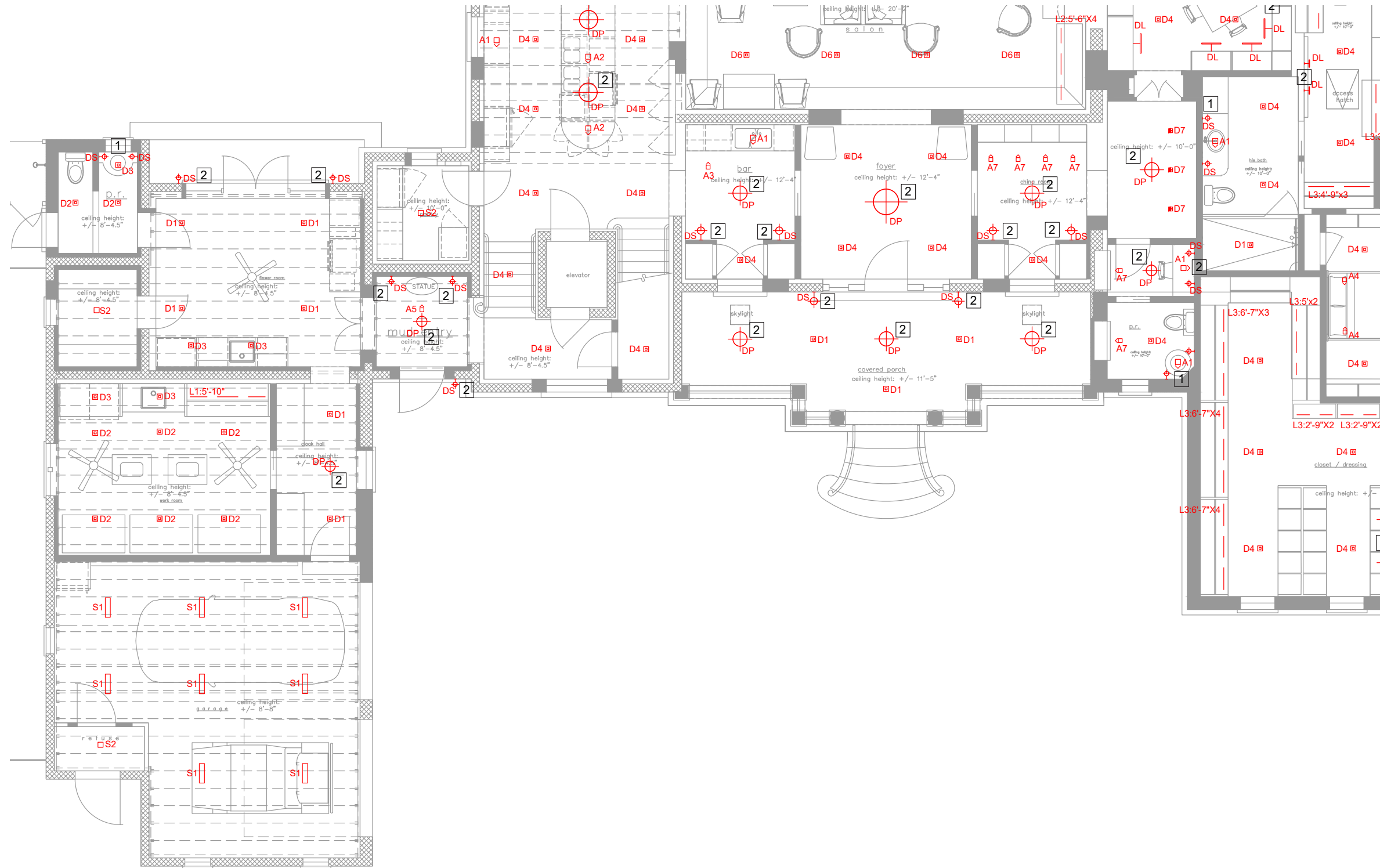
DRD5 4''- (Downlight)  
S2



ART05L (Linear)-  
L1-L4

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A1,A2



ART2A- (Adjustable)  
A3,A5,A7



ART2A- (Pinhole)  
A4,A6



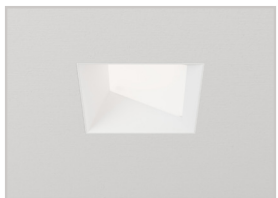
ART4D- (Downlight)  
D1,D2



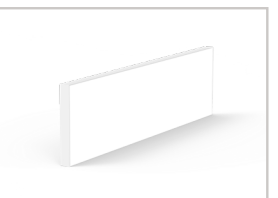
ART4D- (Pinhole)  
D3



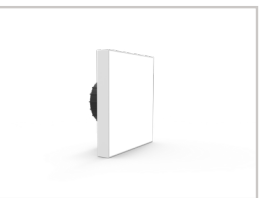
ART4D- (Downlight)  
D4,D5,D6,D8



ART2D- (Wallwasher)  
D7



DRD5 18\"/>



DRD5 4\"/>

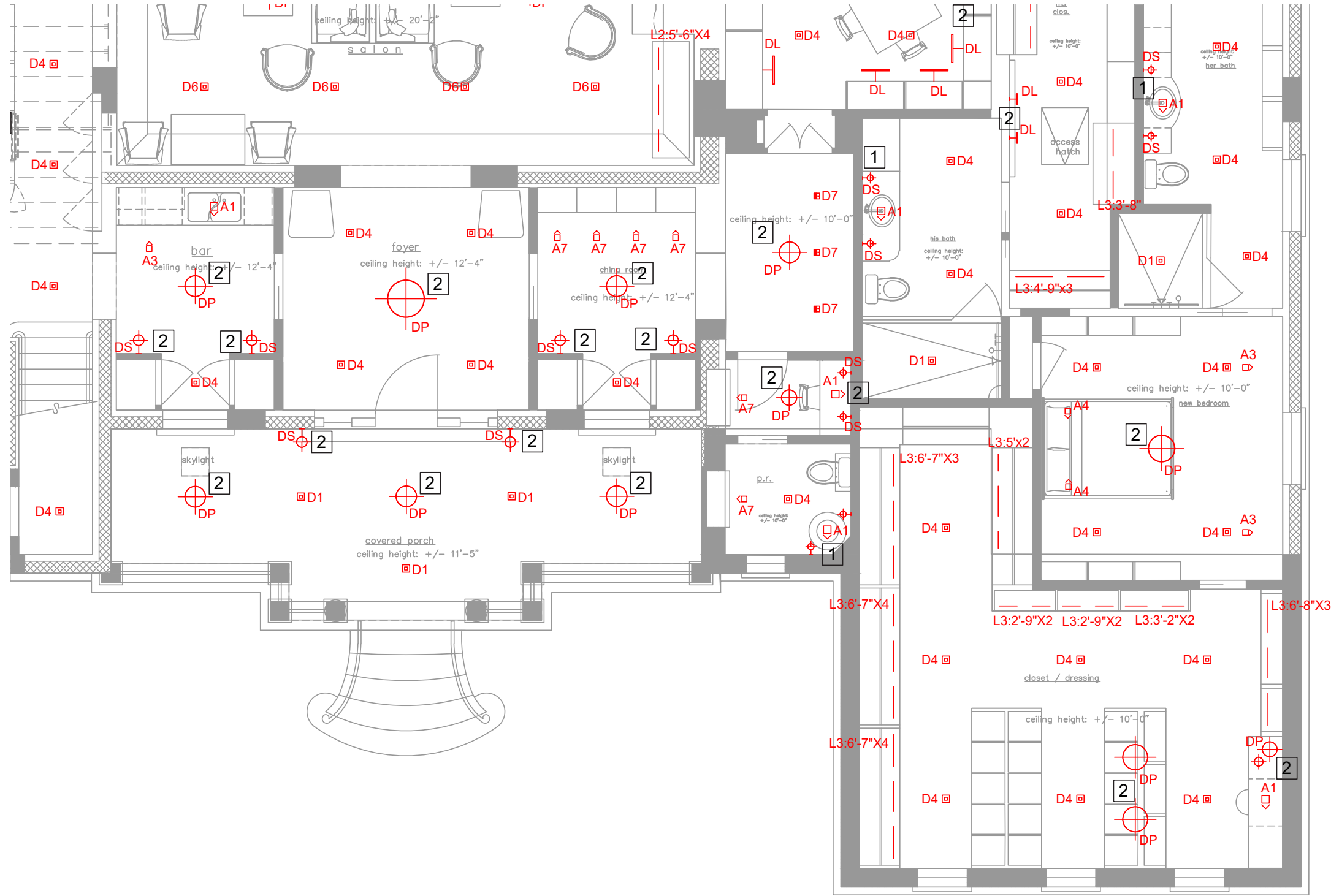


ART05L (Linear)-  
L1-L4



# ENLARGE FIRST FLOOR LIGHTING PLAN

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ART2A- (Adjustable)  
A3,A5,A7



ART2A- (Pinhole)  
A4,A6



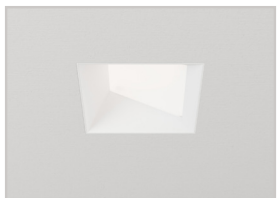
ART4D- (Downlight)  
D1,D2



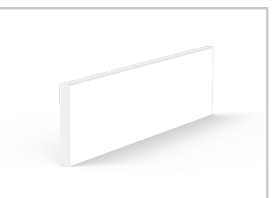
ART4D- (Pinhole)  
D3



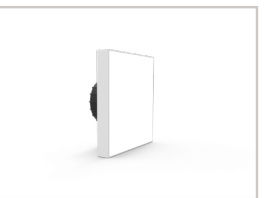
ART4D- (Downlight)  
D4,D5,D6,D8



ART2D- (Wallwasher)  
D7



DRD5 18"- (Downlight)  
S1

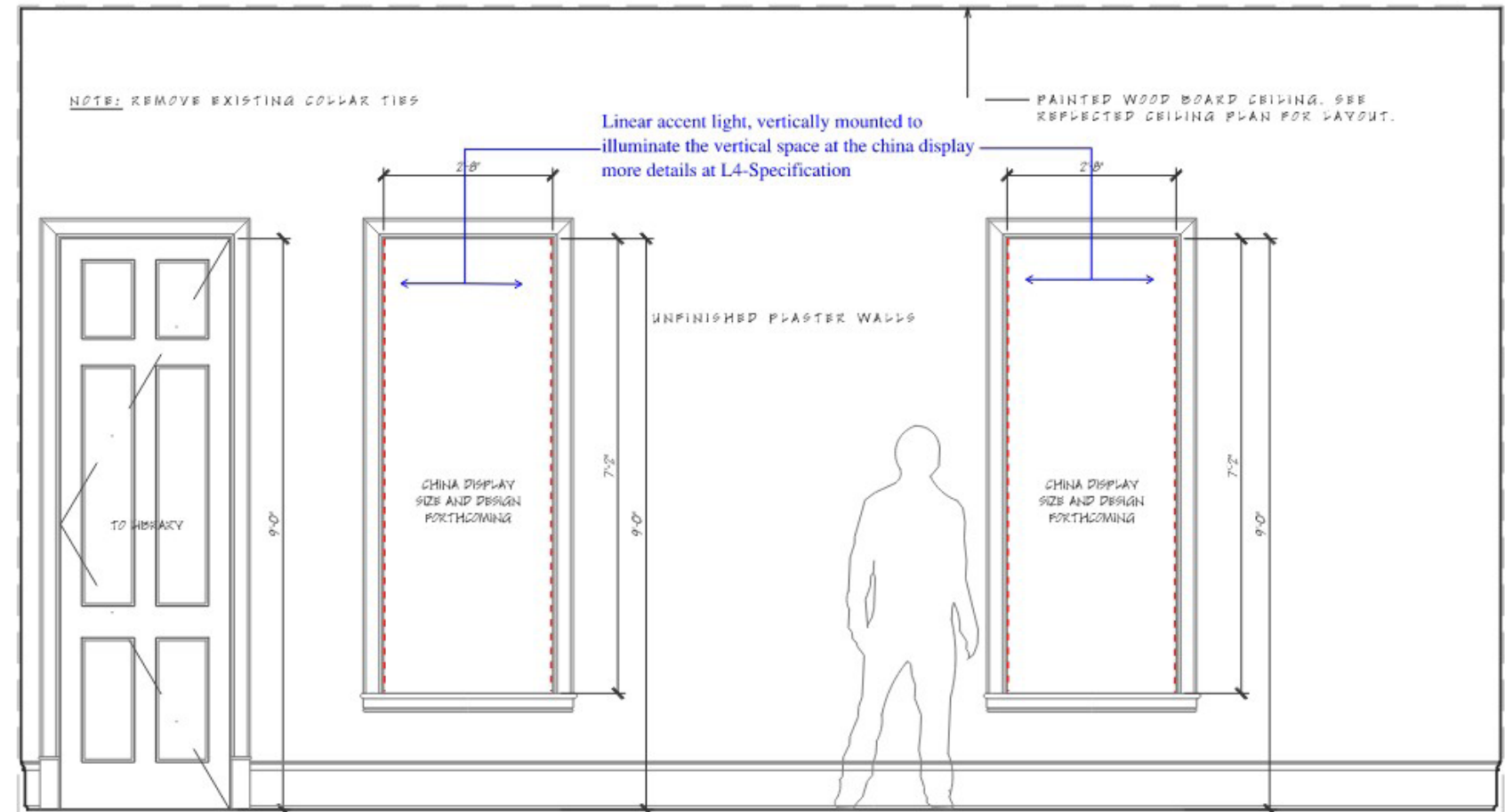
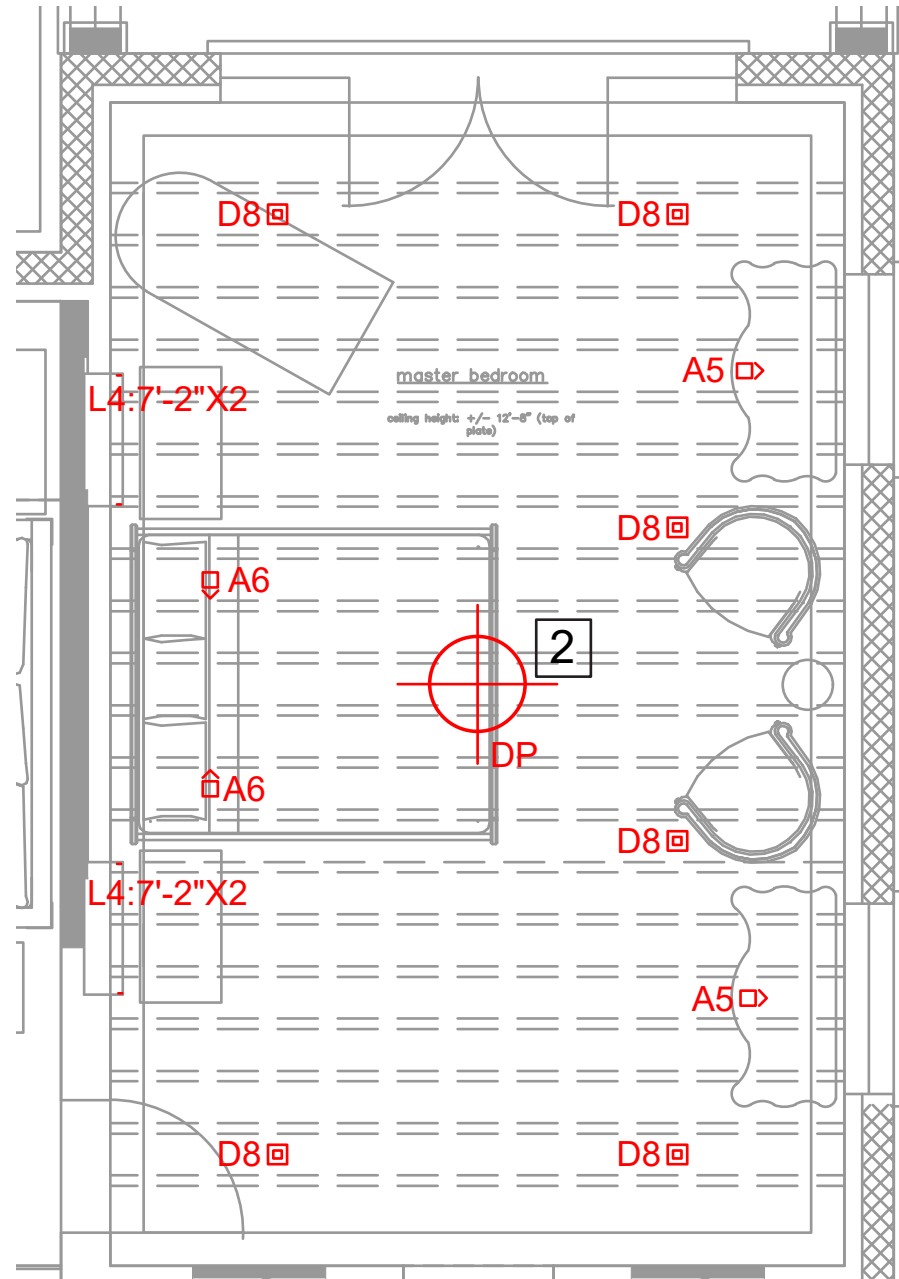


DRD5 4"- (Downlight)  
S2



ART05L (Linear)-  
L1-L4





2 MASTER BEDROOM  
SCALE 1/2" = 1'-0"

# LIGHTING FIXTURE SCHEDULE

TYPE	QUANTITY	DESCRIPTION	CATALOG NUMBER	Notes
A1	12	4" Flangeless Square Adjustable- Spot Optics (25deg), 1000lm, Warm Dim, Round on Square Trim, White Finish	Housing: M4NCSS Module: ART4A10T3WSPWT Trim: M4TSQWHFL Mudplate: M4XSMUD	Finish to be confirmed Color Temperature to be confirmed prior to procurement
A2	4	4" Flangeless Square Adjustable- Flood Optics (40deg), 1000lm, Warm Dim, Round on Square Trim, White Finish	Housing: M4NCSS Module: ART4A10T3WFLWT Trim: M4TSQWHFL Mudplate: M4XSMUD	Finish to be confirmed Color Temperature to be confirmed prior to procurement
A3	4	2" Flangeless Square Adjustable- Spot Optics (30deg), 1000lm, Warm Dim, Standard Trim, White Finish	Housing: X2NCS Module: ART2A10T3WSPT Trim: X2TSASWHFL Mudplate: X2KSMUD	Finish to be confirmed Color Temperature to be confirmed prior to procurement
A4	2	2" Flangeless Square Adjustable- Narrow Spot Optics (20deg), 750Lm, 2700K, Pinhole Trim, White Finish	Housing: X2NCS Module: ART2A07T27NST Trim: X2TSAPWHFL Mudplate: X2KSMUD	Finish to be confirmed Color Temperature to be confirmed prior to procurement
A5	3	2" Flangeless Square Adjustable- Spot Optics (30deg), 1000lm, Warm Dim, Standard Trim, White Finish, <b>WOOD CEILING.</b>	Housing: X2NCS Module: ART2A10T3WSPT Trim: X2TSASWHFL Wood Kit: X2KSWOOD	Finish to be confirmed Color Temperature to be confirmed prior to procurement
A6	2	2" Flangeless Square Adjustable- Narrow Spot Optics (20deg), 750Lm, 2700K, Pinhole Trim, White Finish, <b>WOOD CEILING.</b>	Housing: X2NCS Module: ART2A07T27NST Trim: X2TSAPWHFL Wood Kit: X2KSWOOD	Finish to be confirmed Color Temperature to be confirmed prior to procurement
A7	10	2" Flangeless Square Adjustable- Flood Optics (40deg), 1000lm, Warm Dim, Standard Trim, White Finish	Housing: X2NCS Module: ART2A10T3WFLT Trim: X2TSASWHFL Mudplate: X2KSMUD	Finish to be confirmed Color Temperature to be confirmed prior to procurement
D1	15	4" Square General Downlight - General Ambient Optics (90deg), 1000lm, Warm Dim, Standard Trim, White Finish	Housing: M4NCSS Module: ART4D10T3WGAT Trim: M4TSSWH	Finish to be confirmed Color Temperature to be confirmed prior to procurement
D2	8	4" Square General Downlight -Wide Flood Optics (60deg), 1000lm, Warm Dim, Standard Trim, White Finish	Housing: M4NCSS Module: ART4D10T3WWFT Trim: M4TSSWH	Finish to be confirmed Color Temperature to be confirmed prior to procurement
D3	5	4" Square General Downlight - Spot Optics (25deg), 1000lm, Warm Dim, Pinhole Trim, White Finish	Housing: M4NCSS Module: ART4D10T3WSPT Trim: M4TSPWH	Finish to be confirmed Color Temperature to be confirmed prior to procurement
D4	62	4" Flangeless Square General Downlight - General Ambient Optics (90deg), 1000lm, Warm Dim, Standard Trim, White Finish	Housing: M4NCSS Module: ART4D10T3WGAT Trim: M4TSSWHFL Mudplate: M4XSMUD	Finish to be confirmed Color Temperature to be confirmed prior to procurement

# LIGHTING FIXTURE SCHEDULE

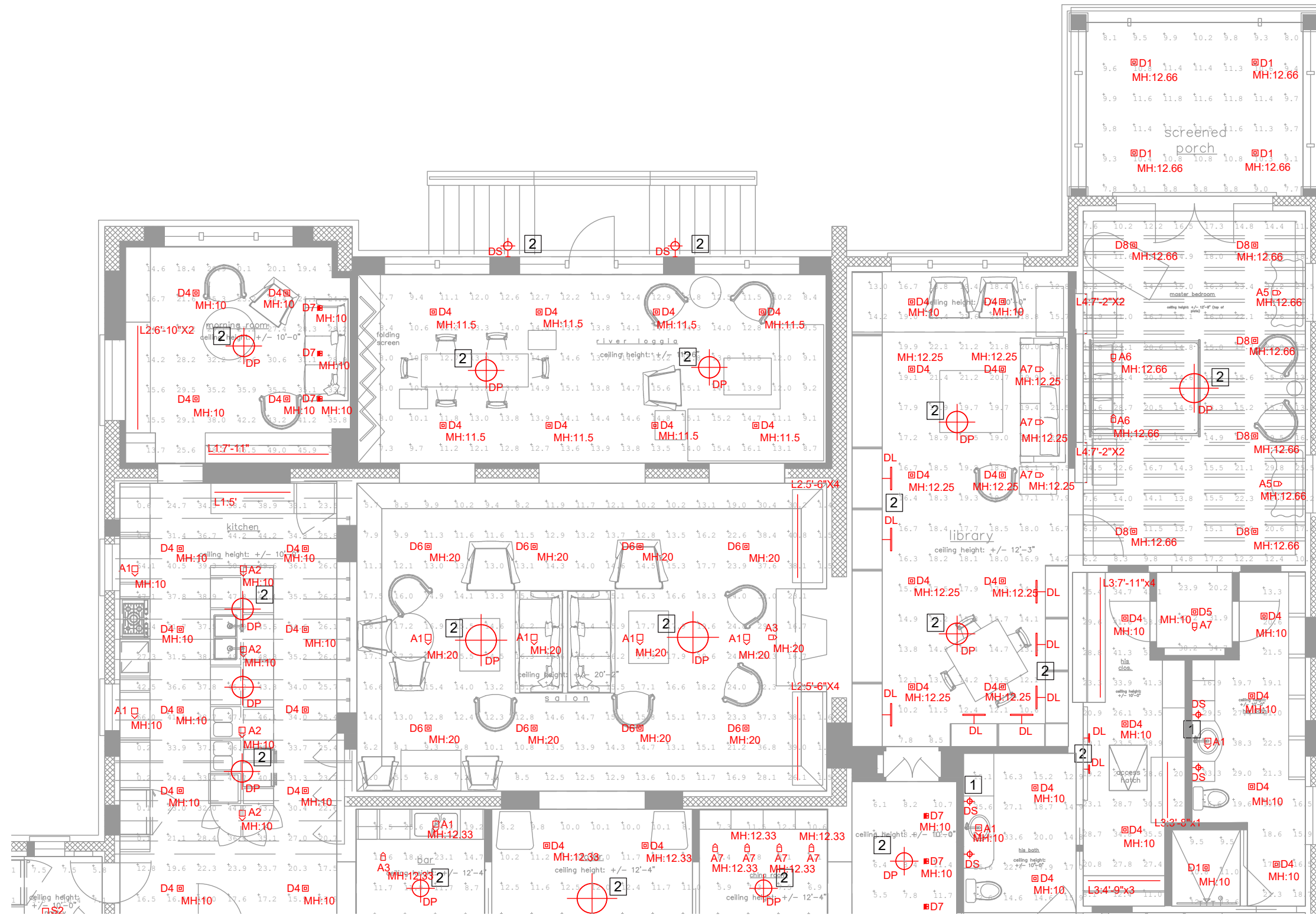
TYPE	QUANTITY	DESCRIPTION	CATALOG NUMBER	Notes
D5	1	4" Flangeless Square General Downlight - Flood Optics (40deg), 1000lm, Warm Dim, Standard Trim, White Finish	Housing: M4NCSS Module: ART4D10T3WFLT Trim: M4TSSWHFL Mudplate: M4XSMUD	Finish to be confirmed Color Temperature to be confirmed prior to procurement
D6	8	4" Flangeless Square General Downlight - Spot Optics (25deg), 1000lm, Warm Dim, Standard Trim, White Finish	Housing: M4NCSS Module: ART4D10T3WSPT Trim: M4TSSWHFL Mudplate: M4XSMUD	Finish to be confirmed Color Temperature to be confirmed prior to procurement
D7	6	2" Flangeless Square General Downlight - Wide Flood Optics (50deg), 1000lm, Warm Dim, Wall Wash Trim, White Finish	Housing: X2NCS Module: ART2D10T3WWFT Trim: X2TSDWWHFL Mudplate: X2KSMUD	Finish to be confirmed Color Temperature to be confirmed prior to procurement
D8	6	4" Flangeless Square General Downlight - General Ambient Optics (90deg), 1000lm, Warm Dim, Standard Trim, White Finish, <b>WOOD CEILING.</b>	Housing: M4NCSS Module: ART4D10T3WGAT Trim: M4TSSWHFL Wood Kit: M4KSTEMPLATE	Finish to be confirmed Color Temperature to be confirmed prior to procurement
L1	18'-9"	Linear undercounter, straight channel, Wide optics (114deg), 360lm/ft, warm dim(3000k-1800k), damp listed, 4w/ft, black anodize finish with remote driver	ART05L-1203WD01 (12" segment with middle connector as needed) ART05L-0203WD10 (2" segment 10-pack as needed) ART05L-0103WD10 (1" segment 10-pack as needed) ART05L-PF10 (input connector as needed) ARTP-4896T1 (driver as needed) ART05L-FL03 (Flat mounting track (3) 48" segments, as needed) ART05L-DE10 (end cover 10 pack, as needed) ART05L-JN10 (middle connector 10 pack, as needed)	Minimum 3ft per driver or 20ft maximum. Quantity of drivers to be confirmed per zone, provided by others Warm Dim, user select ability to change on site to 2000k, 2700k or 3000k
L2	57'-8"	Linear shelf accentlight, recessed in notch or concealed behind lip. straight channel, Wide optics (114deg), 360lm/ft, warm dim(3000k-1800k), damp listed, 4w/ft, black anodize finish with remote driver	ART05L-1203WD01 (12" segment with middle connector as needed) ART05L-0203WD10 (2" segment 10-pack as needed) ART05L-0103WD10 (1" segment 10-pack as needed) ART05L-PF10 (input connector as needed) ARTP-4896T1 (driver as needed) ART05L-FL03 (Flat mounting track (3) 48" segments, as needed) ART05L-DE10 (end cover 10 pack, as needed) ART05L-JN10 (middle connector 10 pack, as needed)	Minimum 3ft per driver or 20ft maximum. Quantity of drivers to be confirmed per zone, provided by others Warm Dim, user select ability to change on site to 2000k, 2700k or 3000k
L3	169'-4"	Linear shelf accentlight at closet to light clothig or display items below, recessed in notch or concealed behind lip. 45deg channel, Wide optics (114deg), 360lm/ft, warm dim(3000k-1800k), damp listed, 4w/ft, black anodize finish with remote driver	ART05L-1203WD01 (12" segment with middle connector as needed) ART05L-0203WD10 (2" segment 10-pack as needed) ART05L-0103WD10 (1" segment 10-pack as needed) ART05L-PF10 (input connector as needed) ARTP-4896T1 (driver as needed) ART05L-4503 (45deg mounting track (3) 48" segments, as needed) ART05L-DE10 (end cover 10 pack, as needed) ART05L-JN10 (middle connector 10 pack, as needed)	Minimum 3ft per driver or 20ft maximum. Quantity of drivers to be confirmed per zone, provided by others Warm Dim, user select ability to change on site to 2000k, 2700k or 3000k
L4	28'-8"	Linear shelf accentlight, recessed vertical mounted in notch or concealed behind lip. 45deg channel, Wide optics (114deg), 360lm/ft, warm dim(3000k-1800k), damp listed, 4w/ft, black anodize finish with remote driver	ART05L-1203WD01 (12" segment with middle connector as needed) ART05L-0203WD10 (2" segment 10-pack as needed) ART05L-0103WD10 (1" segment 10-pack as needed) ART05L-PF10 (input connector as needed) ARTP-4896T1 (driver as needed) ART05L-FL03 (Flat mounting track (3) 48" segments, as needed) ART05L-DE10 (end cover 10 pack, as needed) ART05L-JN10 (middle connector 10 pack, as needed)	Minimum 3ft per driver or 20ft maximum. Quantity of drivers to be confirmed per zone, provided by others Warm Dim, user select ability to change on site to 2000k, 2700k or 3000k
S1	8	Surface Mounted Downlight, 1500lm, 3000K, Linear 18"	Housing: F4NC Module: DRD5S4L15930	Finish to be confirmed Color Temperature to be confirmed prior to procurement
S2	3	Surface Mounted Downlight, 1000lm, 3000K, Square 4"	Housing: F4NC Module: DRD5S4S10930T	Finish to be confirmed Color Temperature to be confirmed prior to procurement

# PHOTOMETRIC STUDIES

# OVERALL FIRST FLOOR PHOTOMETRIC STUDY

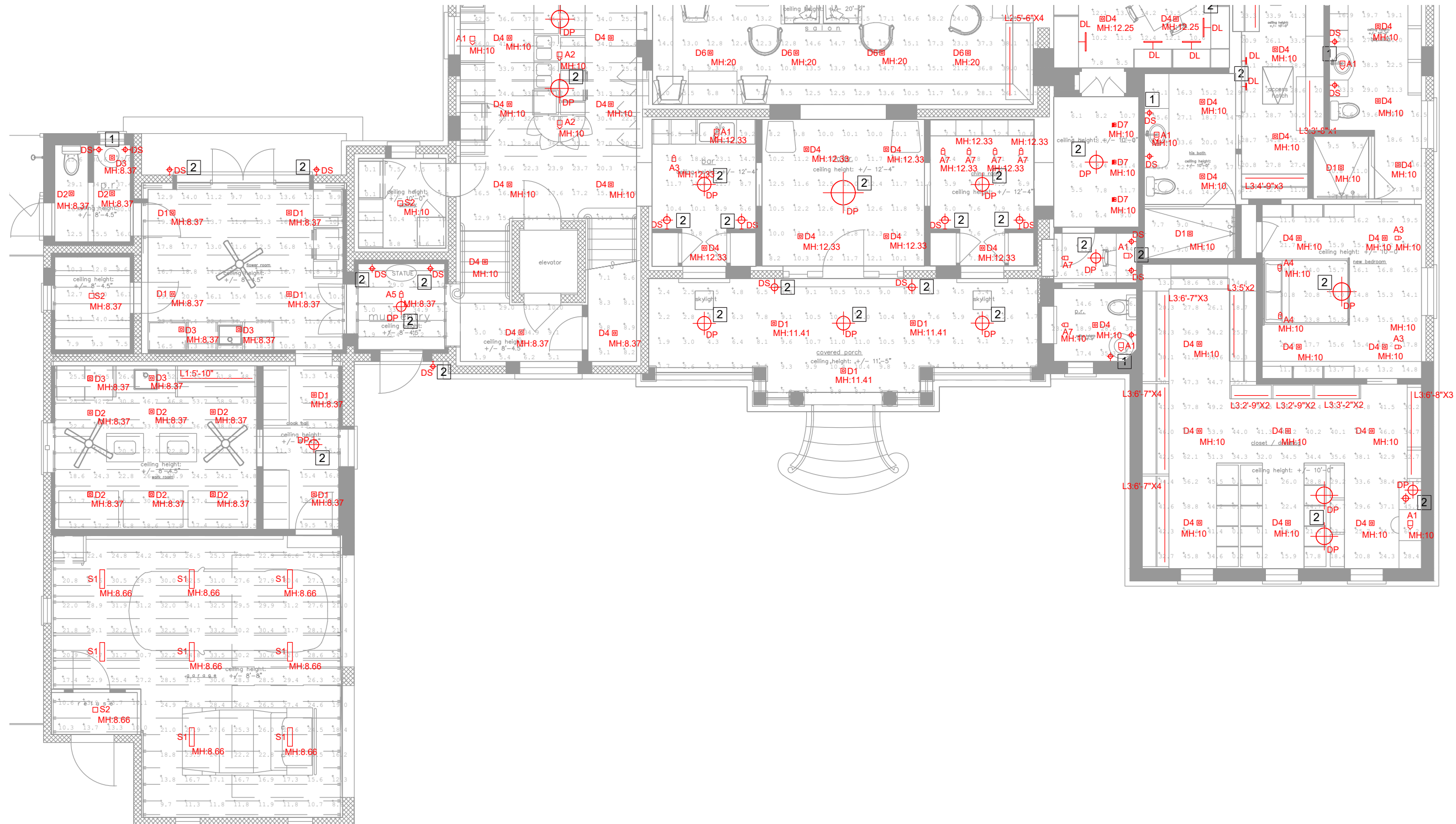
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# ENLARGE FIRST FLOOR PHOTOMETRIC STUDY

LEVY RESIDENCE  
May 1, 2025

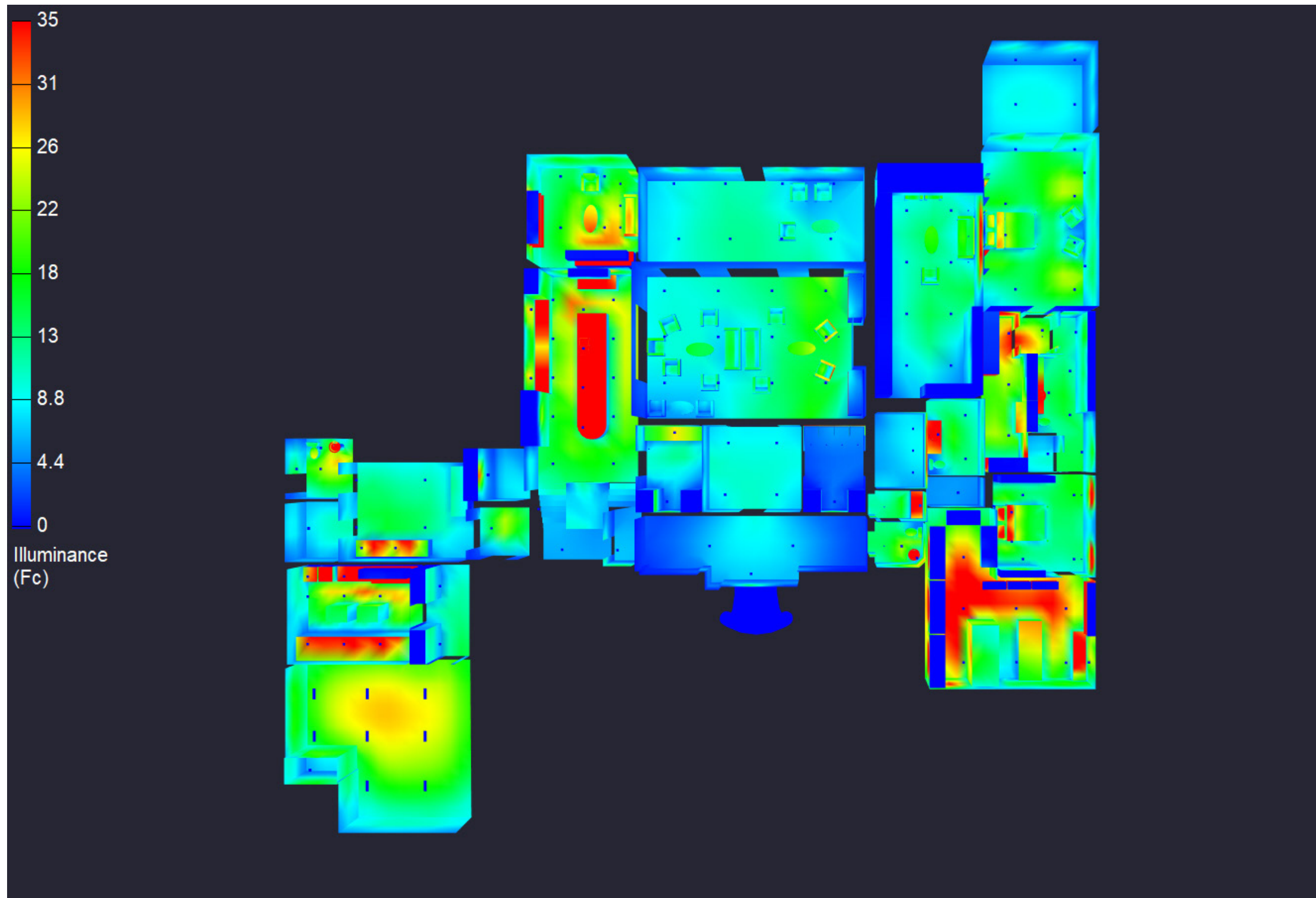


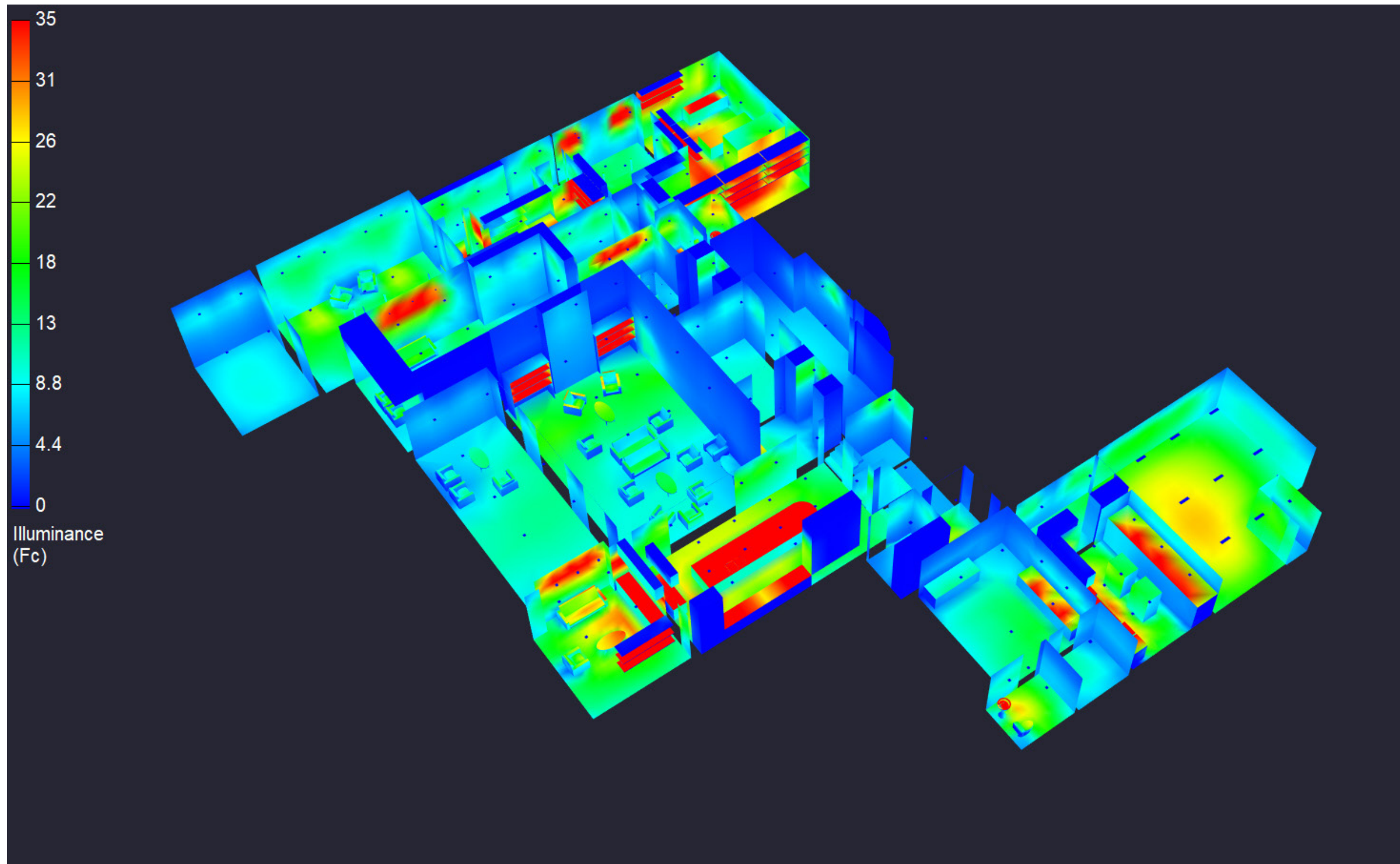
# ENLARGE FIRST FLOOR PHOTOMETRIC STUDY

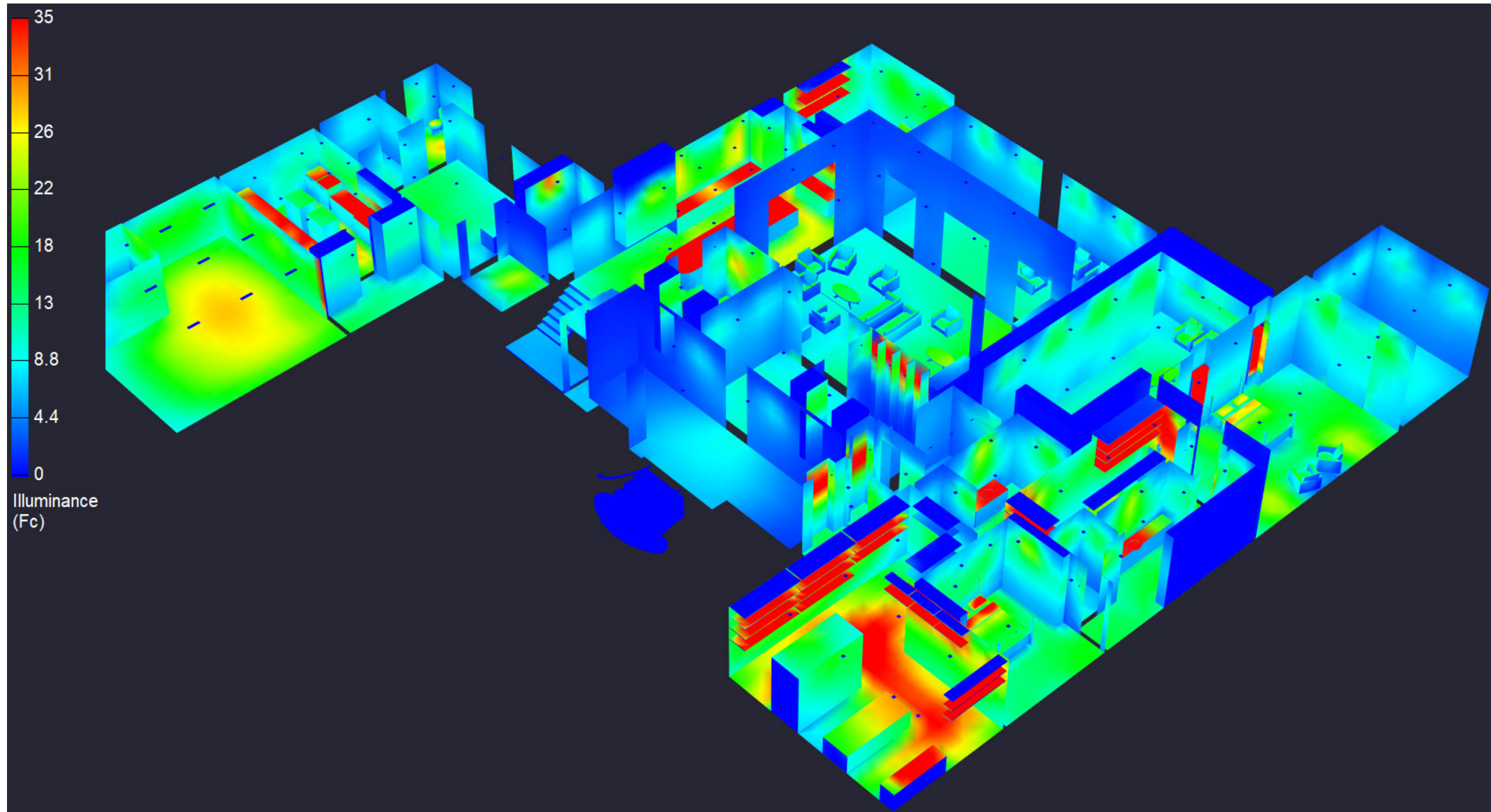
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May 1, 2025

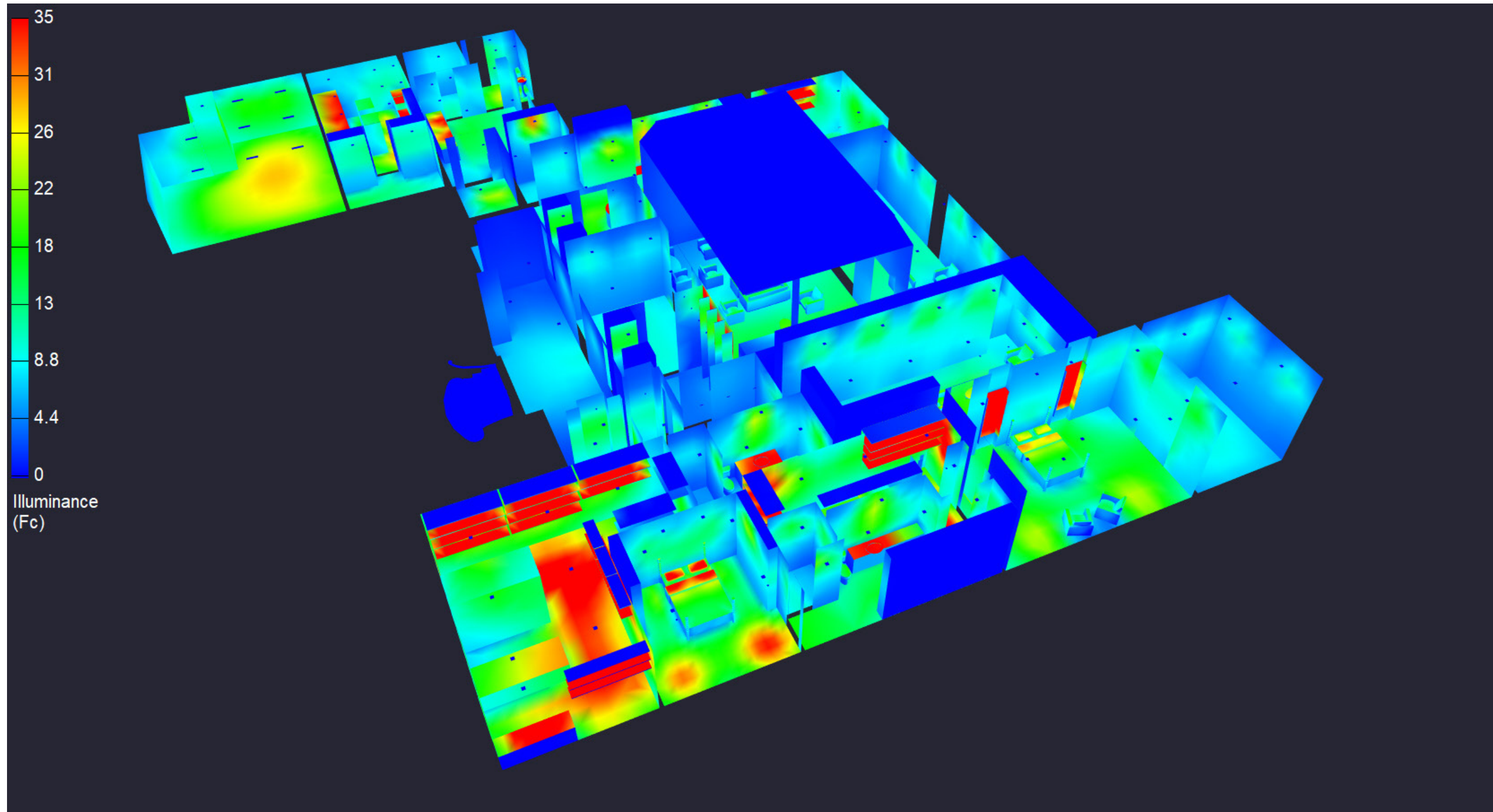
Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Description	LLF	Luminaire Lumens	Luminaire Watts	Total Watts	Mounting Height
☐	12	A1	Single	DMF_M4-(X)_ART4A-10-T3W-SP-(X)_M4TSS-WH-FL	1.000	994	12.5	150	10, 12.33, 20
☐	4	A2	Single	DMF_M4-(X)_ART4A-10-T3W-FL-(X)_M4TSS-WH-FL	1.000	1010	12.5	50	10
☐	4	A3	Single	DMF_X2-(X)_ART2A-10-T3W-SP_X2TSAS-WH-FL	1.000	647	12.3	49.2	10, 12.33, 20
☐	2	A4	Single	DMF_X2-(X)_ART2A-07-T27-NS_X2TSAP-WH-FL	1.000	368	9	18	10
☐	3	A5	Single	DMF_X2-(X)_ART2A-10-T3W-SP_X2TSAS-WH-FL	1.000	647	12.3	36.9	8.37, 12.66
☐	2	A6	Single	DMF_X2-(X)_ART2A-07-T27-NS_X2TSAP-WH-FL	1.000	368	9	18	12.66
☐	10	A7	Single	DMF_X2-(X)_ART2A-10-T3W-FL_X2TSAS-WH-FL	1.000	687	12.3	123	10, 12.25, 12.33
☐	15	D1	Single	DMF_M4-(X)_ART4D-10-T3W-GA_M4TSS-WH-(X)	1.000	801	12.5	187.5	8.37, 10, 11.41, 12.66
☐	8	D2	Single	DMF_M4-(X)_ART4D-10-T3W-WF_M4TSS-WH-(X)	1.000	713	12.5	100	8.37
☐	5	D3	Single	DMF_M4-(X)_ART4D-10-T3W-SP_M4TSP-WH-(X)	1.000	400	12.5	62.5	8.37
☐	62	D4	Single	DMF_M4-(X)_ART4D-10-T3W-GA_M4TSS-WH-FL	1.000	801	12.5	775	8.37, 10, 11.5, 12.25, 12.33
☐	1	D5	Single	DMF_M4-(X)_ART4D-10-T3W-FL_M4TSS-WH-FL	1.000	647	12.5	12.5	10
☐	8	D6	Single	DMF_M4-(X)_ART4D-10-T3W-SP_M4TSP-WH-FL	1.000	400	12.5	100	20
■	6	D7	Single	XMD1093WWF-X2TSDWWH-(FL)(MF)	1.000	554	12.5	75	10
☐	6	D8	Single	DMF_M4-(X)_ART4D-10-T3W-GA_M4TSS-WH-FL	1.000	801	12.5	75	12.66
—	19	L1	Single	ART05L-1203WD	1.000	360	4	76	5.897, 7.52, 7.636
—	29	L2	Single	ART05L-1203WD	1.000	360	4	116	3.526, 5.062, 5.076, 6.598, 6.604, 7.881, 8.053, 9.876
—	79	L3	Single	ART05L-1203WD	1.000	360	4	316	5.271 to 9.9
—	16	L4	Single	ART05L-1203WD	1.000	360	4	64	3.458, 5.146, 6.516, 8.158
	8	S1	Single	DMF_DRD5S4L-15-9-30-(X)	1.000	1657	17	136	8.66
	3	S2	Single	DMF_DRD5S4S-10-9-30-(X)	1.000	1062	12	36	8.37, 8.66, 10

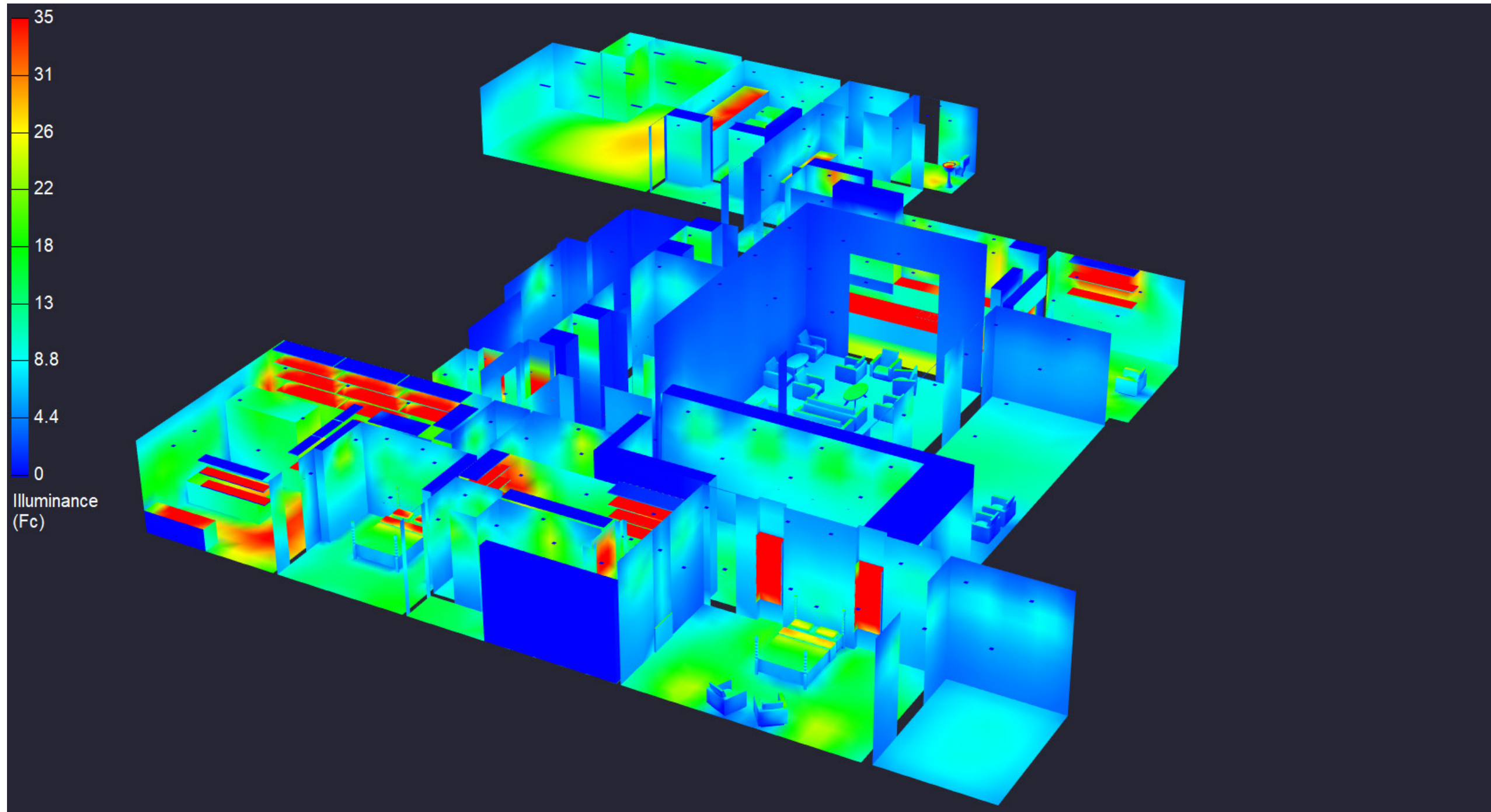
Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Bar_Workplane	Illuminance	Fc	13.84	34.2	6.6	2.10	5.18
CalcPts_1	Illuminance	Fc	9.90	9.9	9.9	1.00	1.00
China Room_Workplane	Illuminance	Fc	7.88	12.5	5.9	1.34	2.12
Cleaning Closet_Workplane	Illuminance	Fc	8.26	9.8	6.6	1.25	1.48
Cloak Hall_Workplane	Illuminance	Fc	16.06	19.5	11.3	1.42	1.73
Closet-Dressing_Workplane	Illuminance	Fc	32.71	65.7	0.1	327.10	657.00
Coverd Porch_Workplane	Illuminance	Fc	6.52	11.0	1.4	4.66	7.86
Electrition Room_Workplane	Illuminance	Fc	11.82	16.1	7.5	1.58	2.15
Flower Room_Workplane	Illuminance	Fc	15.88	42.4	5.4	2.94	7.85
Foyer_Workplane	Illuminance	Fc	11.02	12.8	8.1	1.36	1.58
Garage_Workplane	Illuminance	Fc	24.88	34.8	8.9	2.80	3.91
Her Bath_Shower_Workplane	Illuminance	Fc	11.10	13.6	9.5	1.17	1.43
Her Bath_Workplane	Illuminance	Fc	22.85	57.0	13.3	1.72	4.29
His Bath-Shower_Workplane	Illuminance	Fc	8.15	9.0	7.0	1.16	1.29
His Bathroom_Workplane	Illuminance	Fc	21.00	54.9	12.6	1.67	4.36
His Closet_Workplane	Illuminance	Fc	28.75	53.9	8.1	3.55	6.65
Kitchen_Workplane	Illuminance	Fc	30.47	66.0	0.1	304.70	660.00
Library_Workplane	Illuminance	Fc	17.10	22.1	7.8	2.19	2.83
Master Bath Connection_Workplane	Illuminance	Fc	31.85	42.2	20.2	1.58	2.09
Master Bathroom_Workplane	Illuminance	Fc	17.57	44.5	6.2	2.83	7.18
Morning Room_Workplane	Illuminance	Fc	27.87	49.0	0.1	278.70	490.00
Mud Entry_Workplane	Illuminance	Fc	14.68	34.9	1.9	7.73	18.37
New Bedroom_Workplane	Illuminance	Fc	18.31	48.4	11.6	1.58	4.17
Office Room_Workplane	Illuminance	Fc	22.79	44.9	11.4	2.00	3.94
Office_Workplane	Illuminance	Fc	8.35	12.4	5.5	1.52	2.25
Pantry_Workplane	Illuminance	Fc	6.97	11.5	0.1	69.70	115.00
Powder Room 2_Workplane	Illuminance	Fc	27.07	62.2	14.6	1.85	4.26
Powder Room_Workplane	Illuminance	Fc	27.67	52.0	12.5	2.21	4.16
Refuse_Workplane	Illuminance	Fc	11.95	13.9	10.0	1.20	1.39
River Loggia_Workplane	Illuminance	Fc	12.58	16.1	7.3	1.72	2.21
Salon_Workplane	Illuminance	Fc	15.96	40.8	1.4	11.40	29.14
Screen Porch_Workplane	Illuminance	Fc	10.13	11.8	7.7	1.32	1.53
Work Room_Workplane	Illuminance	Fc	29.29	61.8	10.5	2.79	5.89

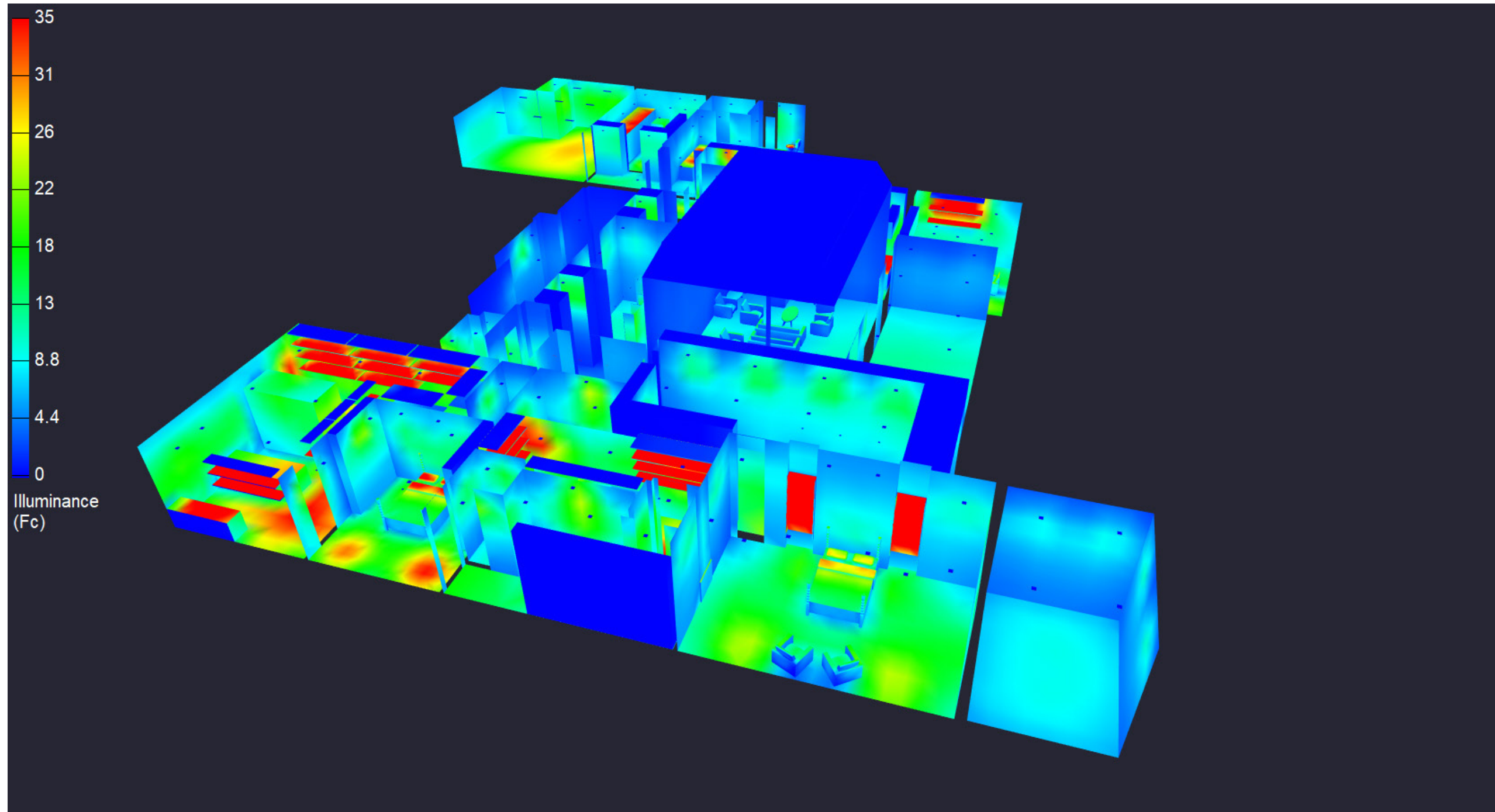


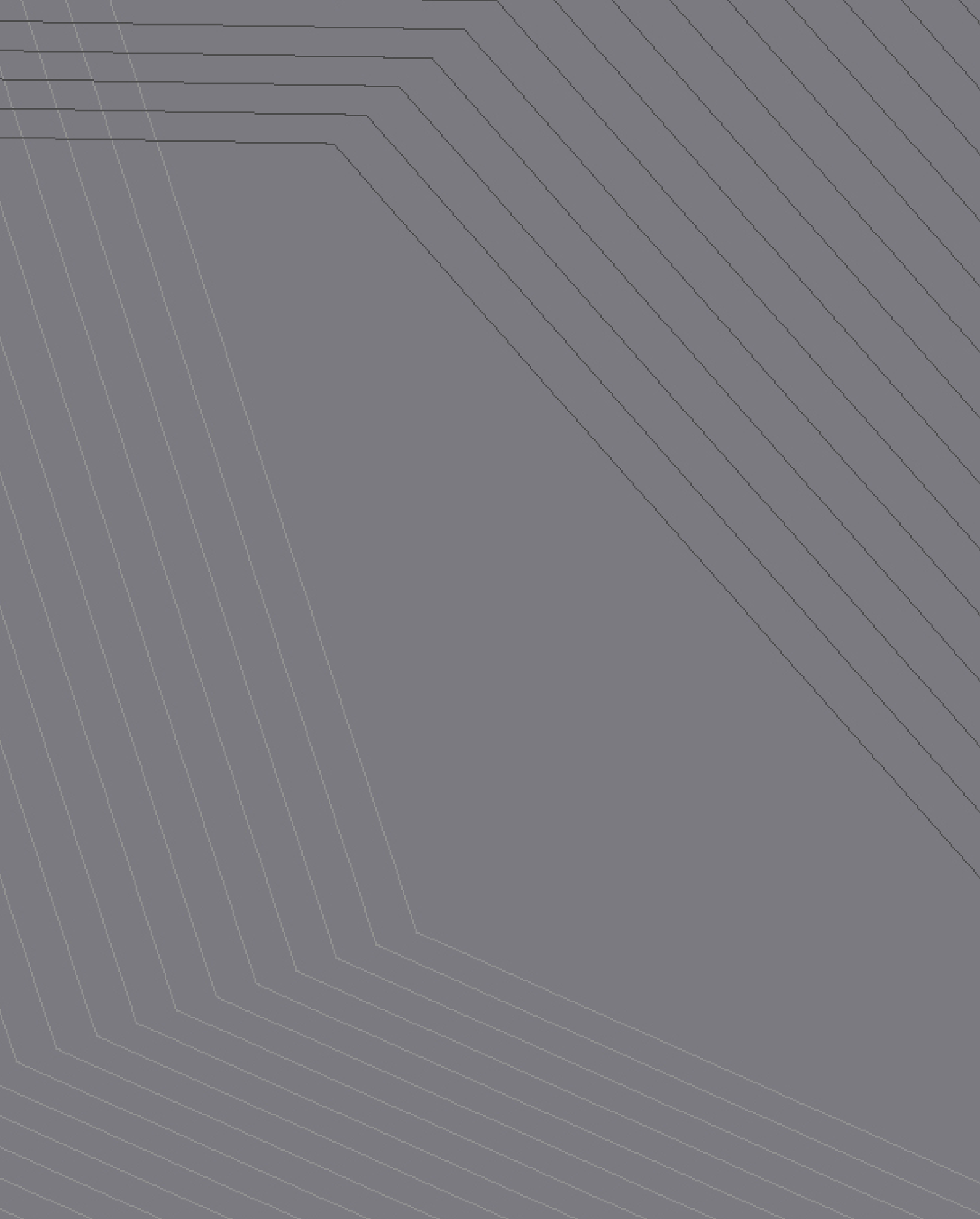












## DMF Lighting

1118 East 223rd Street,  
Carson, California 90745  
323.934.7779  
[dmflighting.com](http://dmflighting.com)