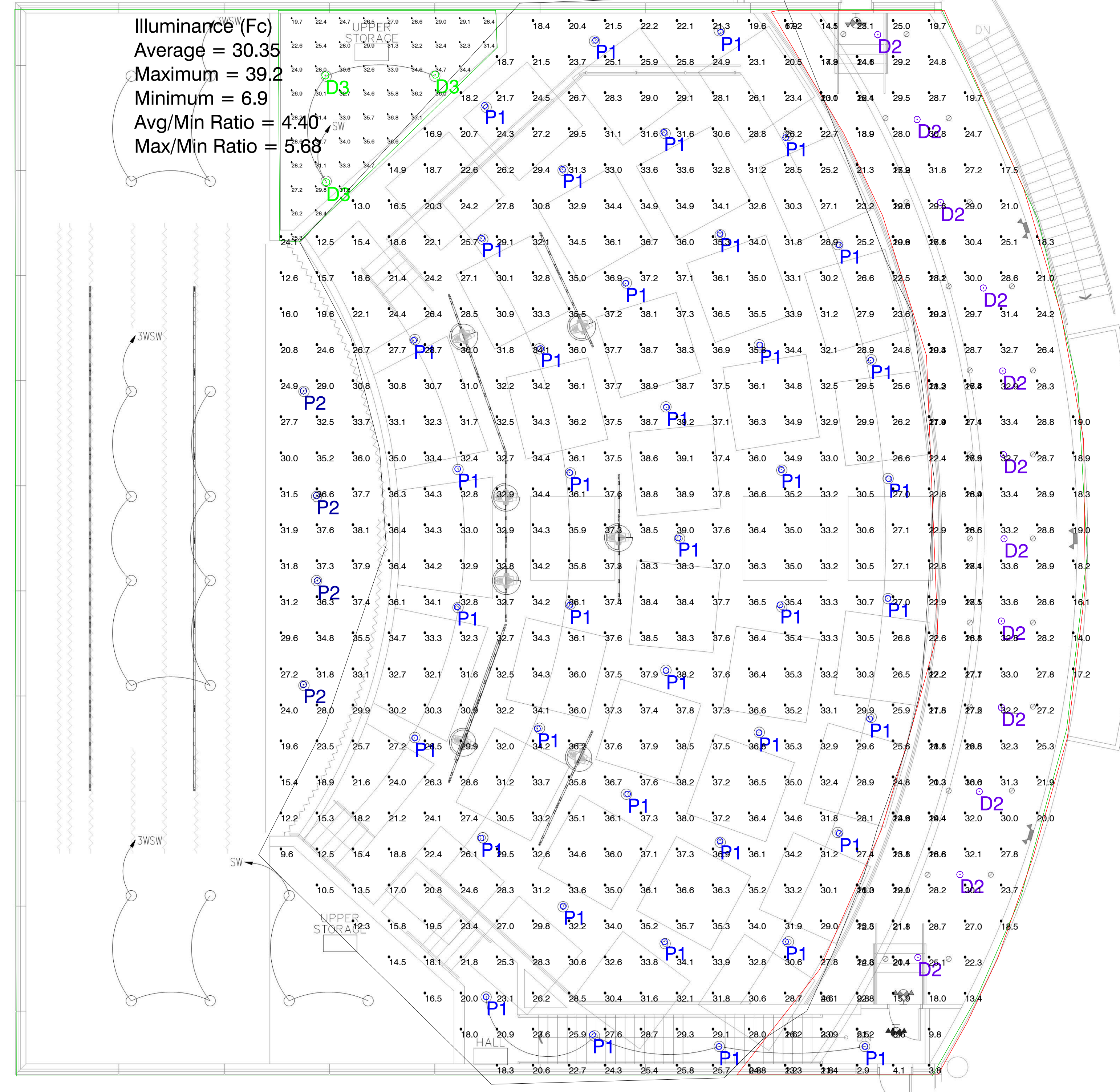


HOUSE

Illuminance (Fc)
 Average = 30.35
 Maximum = 39.2
 Minimum = 6.9
 Avg/Min Ratio = 4.40
 Max/Min Ratio = 5.68



AV SYSTEM DESIGNED & ENGINEERED FOR:
HLWW HIGH SCHOOL
 8700 COUNTY RD 6 SW
 HOWARD LAKE, MN
 55349

- PROPOSAL INTEGRATION
- SUBMITTAL AS BUILT
- PRELIMINARY OTHER:

REVISIONS

NO	DATE	DESCRIPTION
1	07/23/21	PRO DESIGN

NOTES:

THIS DRAWING AND ITS CONTENTS ARE THE ORIGINAL AND UNPUBLISHED WORK OF AVI SYSTEMS AND MAY NOT BE DUPLICATED, COPIED OR REPRODUCED IN ANY MANNER OR USED FOR THE INSTALLATION, SERVICE OR MAINTENANCE OF THE SYSTEM OR EQUIPMENT WITHOUT PRIOR WRITTEN CONSENT. IF THE PROPOSED SYSTEM IS NOT PURCHASED THIS DRAWING MUST BE RETURNED TO AVI SYSTEMS.

ISSUE: SUBMITTAL
 CLIENT: CUSTOMER NAME
 PROJECT #: 963043
 ENGINEER: ALUPCHURCH
 DRAFTER: ALUPCHURCH
 AVI PM: TBD
 CHECKED BY:
 SCALE: 1/4" = 1'-0"
 SYSTEM ID #:
 FILE SAVE AS: 963043 - HLWW - 19JUL
 PROJECT NAME:
 AUDITORIUM LIGHTING
 SHEET TITLE:
 AUDITORIUM HOUSE LIGHTS (EXISTING)
 DWG NUMBER:
AV101

Not to Scale

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
BALCONY_Top	Illuminance	Fc	22.54	33.6	0.8	28.18	42.00
HOUSE_Workplane	Illuminance	Fc	29.36	39.2	9.6	3.06	4.08
ORCHESTRA PIT_Workplane	Illuminance	Fc	30.62	37.1	19.7	1.55	1.88
HOUSE	Illuminance	Fc	30.35	39.2	6.9	4.40	5.68

Symbol	Qty	Label	Manufacturer	Description	Arrangement	Lum. Lumens	Lum. Watts	LLF
⊙	40	P1		Atria 6 Series 60W 3000K(C)	SINGLE	4843	59.4	0.800
⊖	12	D2		6 inch REV series 40W 3000	SINGLE	3070	36.9	0.950
⊙	4	P2		Atria 6 Series W+RGB 100W	SINGLE	3719	100	0.950
⊖	3	D3		6 inch REV series W+RGB_100	SINGLE	3246	50	0.950

1. Lighting Reflectance of 80/50/20 used unless noted otherwise
2. Interior calc points shown at 30" A.F.F. unless noted otherwise
3. Exterior calc points shown at grade unless noted otherwise
4. Emergency egress calc points shown at 0" A.F.F.
5. Photometric drawings are for Design purposes only, not for Construction documents

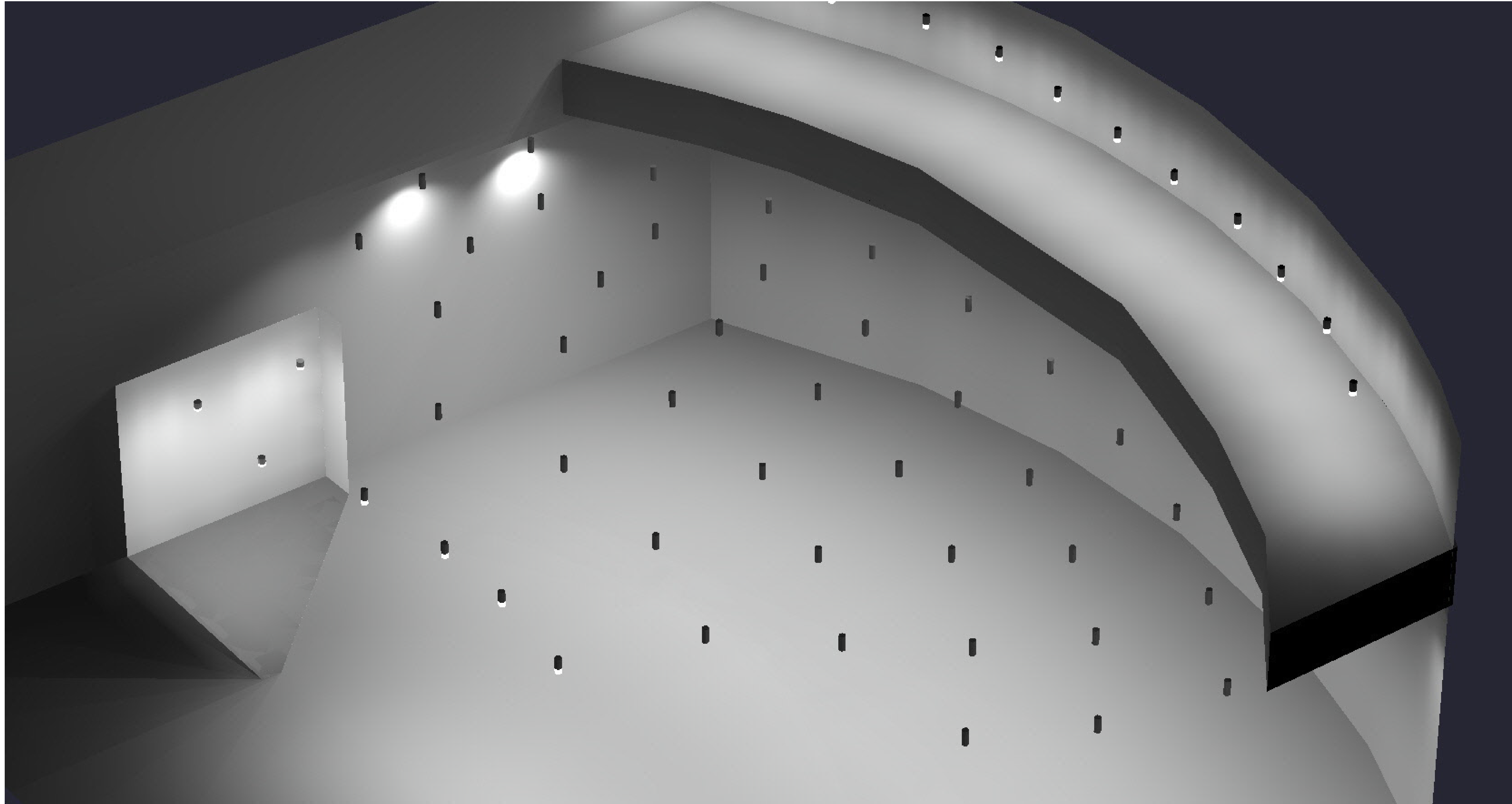
MN, ND, SD, WI, WY
 6885 146TH ST W
 APPLE VALLEY, MN 55124
 952.223.6900
 WWW.JTHLIGHTING.COM



Calculated light levels shown are estimates based on information available at time of layout request. Due to unknown site conditions JTH Lighting assumes no responsibility for installed light levels.

Project #:
 Date: 7/29/2021
 Paper Size: ARCH D - 24X36"

HOWARD LAKE AUDITORIUM



Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
BALCONY_Top	Illuminance	Fc	22.54	33.6	0.8	28.18	42.00
HOUSE_Workplane	Illuminance	Fc	29.36	39.2	9.6	3.06	4.08
ORCHESTRA PIT_Workplane	Illuminance	Fc	30.62	37.1	19.7	1.55	1.88
HOUSE	Illuminance	Fc	30.35	39.2	6.9	4.40	5.68

Luminaire Schedule

Symbol	Qty	Label	Manufacturer	Description	Arrangement	Lum. Lumens	Lum. Watts	LLF
⊙	40	P1		Atria 6 Series_60W_3000K(C)	SINGLE	4843	59.4	0.800
⊙	12	D2		6 inch REV series_40W_3000	SINGLE	3070	36.9	0.950
⊙	4	P2		Atria 6 Series W+RGB_100W	SINGLE	3719	100	0.950
⊙	3	D3		6 inch REV series W+RGB_100	SINGLE	3246	50	0.950

1. Lighting Reflectance of 80/50/20 used unless noted otherwise
2. Interior calc points shown at 30" A.F.F. unless noted otherwise
3. Exterior calc points shown at grade unless noted otherwise
4. Emergency egress calc points shown at 0" A.F.F.
5. Photometric drawings are for Design purposes only, not for Construction documents

HOWARD LAKE AUDITORIUM

Project #:
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