


LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	A	9	CPRT8 IS	RT8B, Volumetric Lighting, 2 x 4, 2 lamp, F32T8.	TWO 32-WATT LINEAR FLUORESCENT T8 , HORZ POS.	2RT8B_232.ies	3100	1.01	73.7

STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
1-Student Desk Light Level	+	57 fc	68 fc	40 fc	1.7:1	1.4:1
2-Teacher Desk Horizontal	◇	47 fc	54 fc	41 fc	1.3:1	1.1:1
3-Whiteboard	■	24 fc	27 fc	20 fc	1.4:1	1.2:1
4-Side Wall	□	30 fc	37 fc	17 fc	2.2:1	1.8:1
5-Back Wall	✕	22 fc	27 fc	17 fc	1.6:1	1.3:1

POWER DENSITY STATISTICS

Name	# Luminaires	Total Watts	Area	Density
Classroom	9	663.30 W	900.00 ft ²	0.74 W/ft ²

NOTES

- Levels shown are maintained footcandles, based on mean LLD of .94 and LDD of .91.
- Ballast factor 1.18
- Horizontal task planes are 2.5' AFF.



**LITHONIA
LIGHTING**

An Acuity Brands Company

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lighting.tech@lithonia.com

One Lithonia Way
Conyers, GA 30012

P: (800) 279-8043
F: (770) 929-3625

Typical Classroom layout
ClassPack RT8 232 IS
Instructional activity
Lighting Analysis

Designer
Wayne Palmer, LC

Date
Jan 20, 2008

Scale
See plan view

Drawing No.
99903608A13

1 of 3



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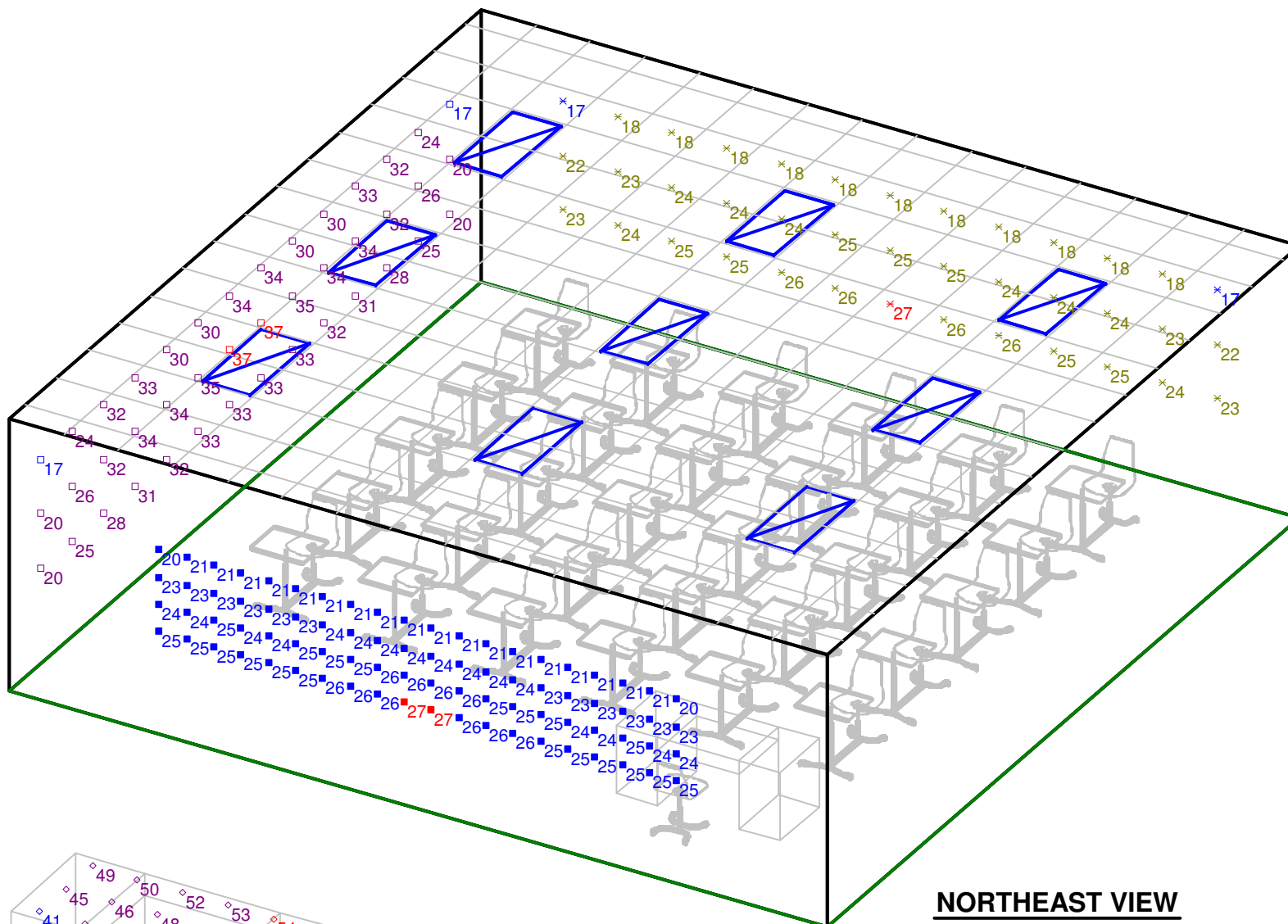
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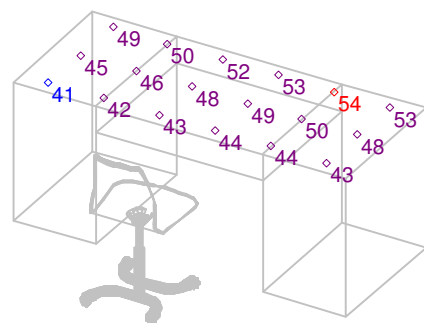
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NORTHEAST VIEW

Not to Scale



Teacher Desk Horizontal

Not to Scale

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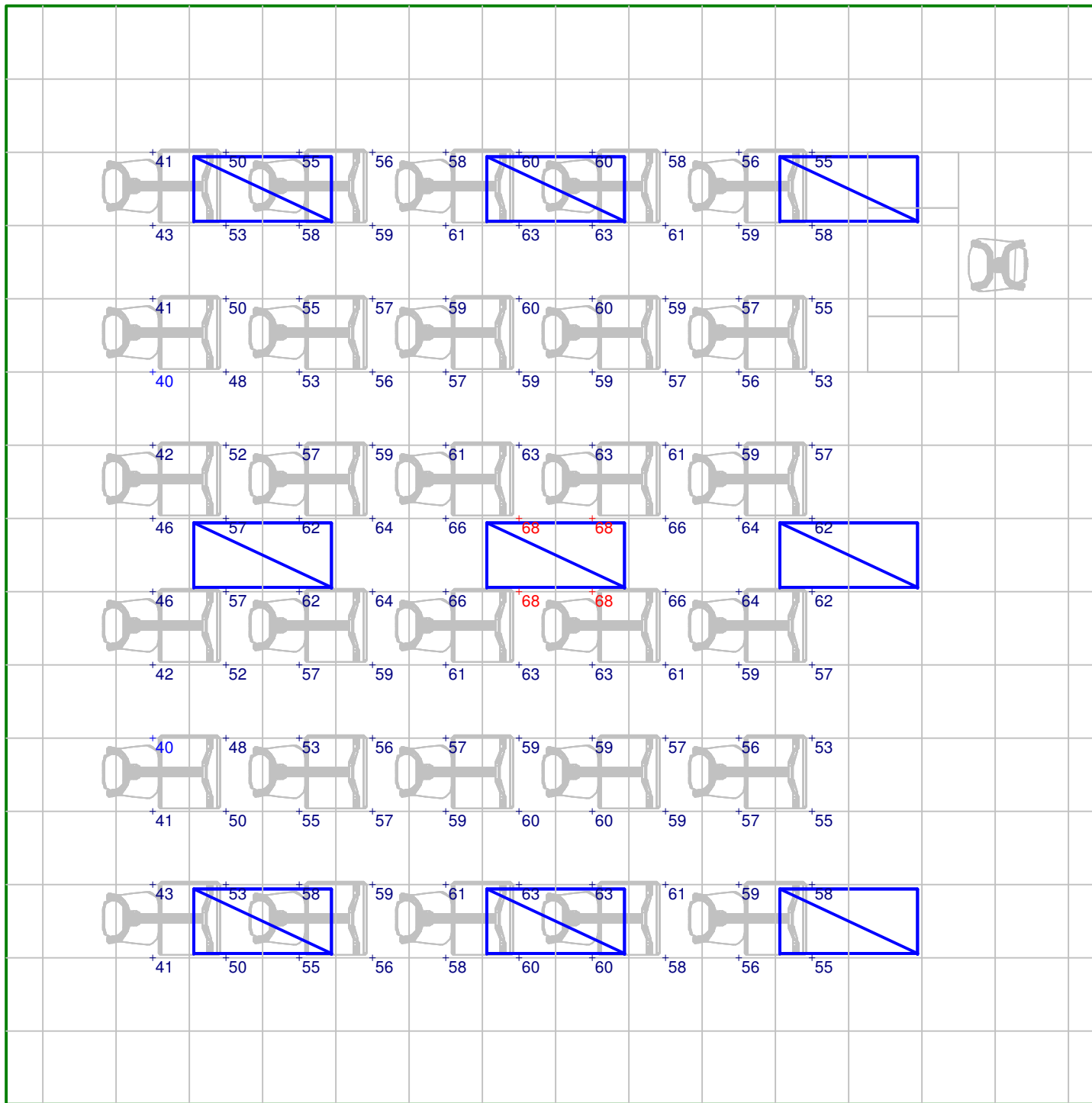
Designer
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Drawing No.
 99903608A13

2 of 3



PLAN VIEW

Scale 1" = 4'

Calculated values include direct and interreflected components.



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