


LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	A	9	CPRT8 PS	RT8B, Volumetric Lighting, 2 x 4, 2 lamp, F32T8.	TWO 32-WATT LINEAR FLUORESCENT T8 , HORZ POS.	2RT8B_232.ies	3100	0.98	73.3

STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
1-Student Desk Light Level	+	55 fc	66 fc	39 fc	1.7:1	1.4:1
2-Teacher Desk Horizontal	◇	46 fc	53 fc	40 fc	1.3:1	1.2:1
3-Whiteboard	■	23 fc	26 fc	20 fc	1.3:1	1.2:1
4-Side Wall	□	29 fc	36 fc	16 fc	2.3:1	1.8:1
5-Back Wall	✕	22 fc	26 fc	17 fc	1.5:1	1.3:1

POWER DENSITY STATISTICS

Name	# Luminaires	Total Watts	Area	Density
Classroom	9	659.70 W	900.00 ft ²	0.73 W/ft ²

NOTES

- Levels shown are maintained footcandles, based on mean LLD of .94 and LDD of .91.
- Ballast factor 1.15
- Horizontal task planes are 2.5' AFF.



**LITHONIA
LIGHTING**

An Acuity Brands Company

**LIGHTING
TECHNOLOGY**

lighting.tech@lithonia.com

One Lithonia Way
Conyers, GA 30012

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

Typical Classroom layout
ClassPack RT8 232 PS
Instructional activity
Lighting Analysis

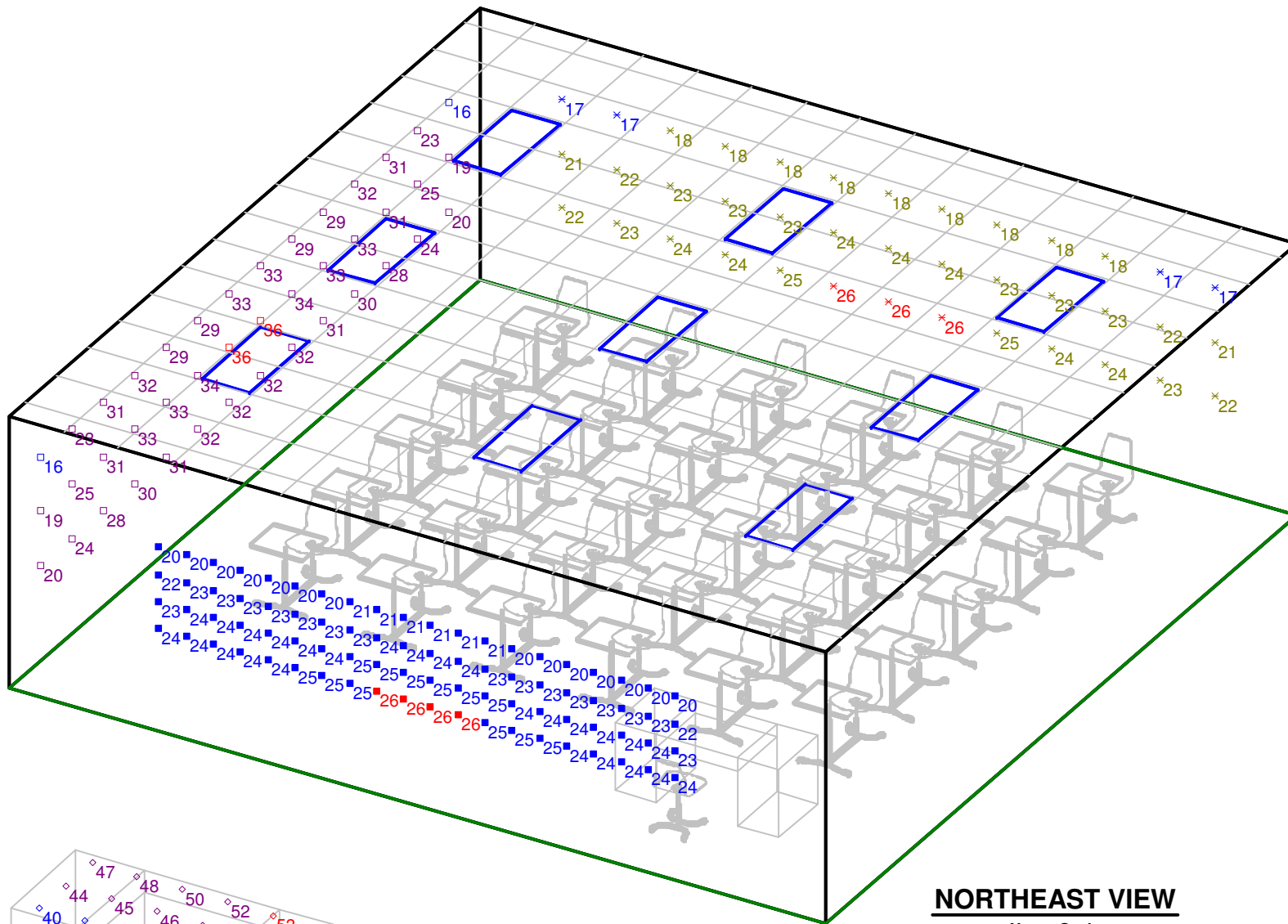
Designer
Wayne Palmer, LC

Date
Jan 20, 2008

Scale
See plan view

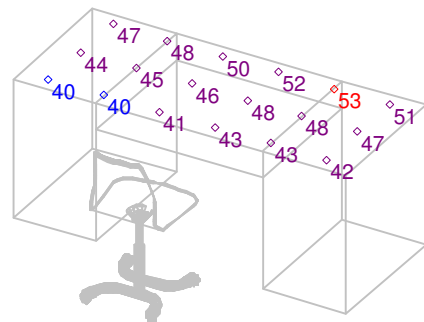
Drawing No.
99903608A15

1 of 3



NORTHEAST VIEW

Not to Scale



Teacher Desk Horizontal

Not to Scale



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2 of 3



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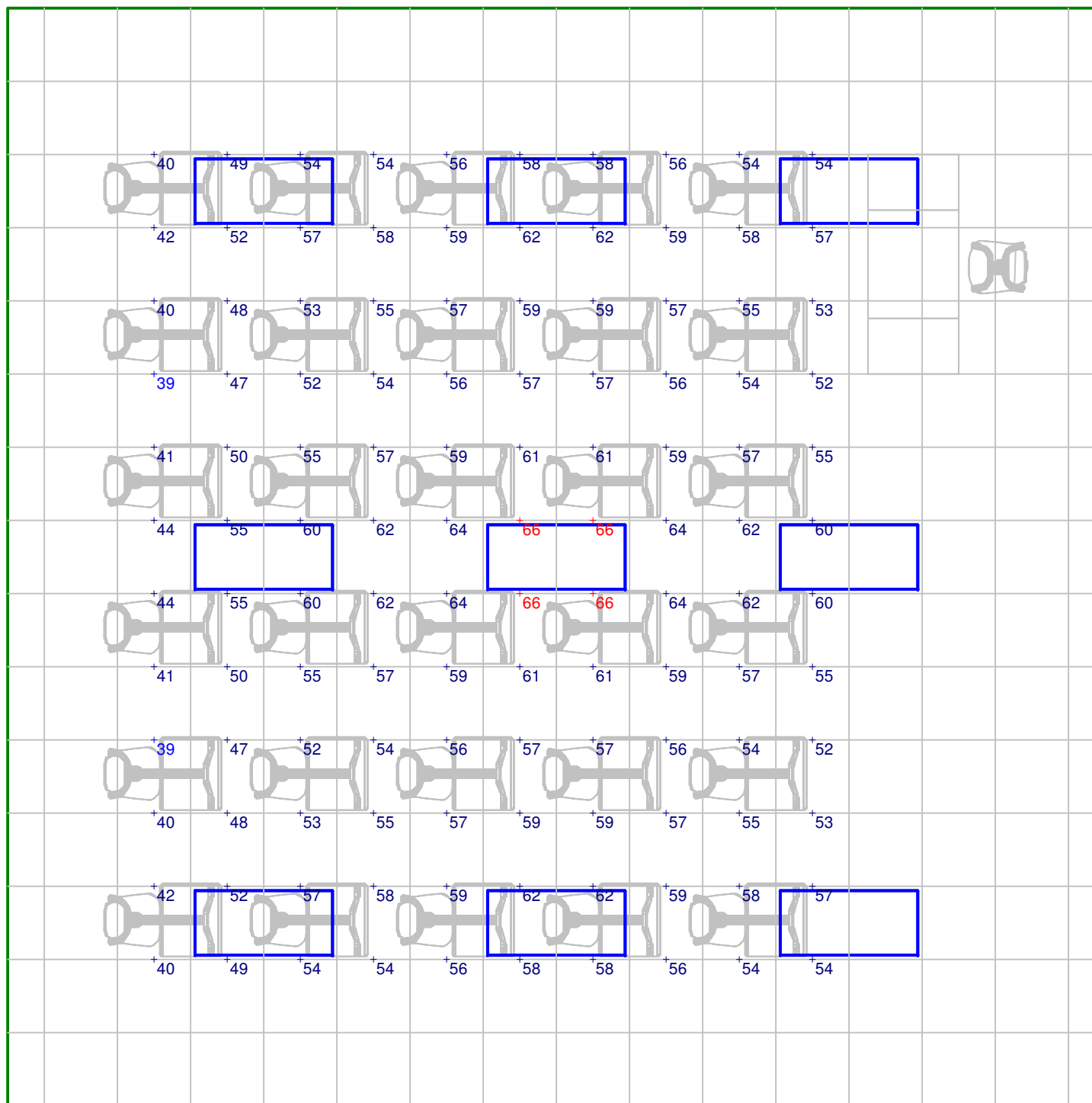
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PLAN VIEW

Scale 1" = 4'

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See plan view

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