


LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	A	9	CPES8 PS	PREMIUM, ENERGY SAVING T8, 2'X4' RECESSED 12-CELL, 2-LAMP FIXTURE	TWO 32-WATT T8 LINEAR FLUORESCENT	2ES8P_2_32.ies	3100	0.98	73.3

STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
1-Student Desk Light Level	+	57 fc	68 fc	39 fc	1.7:1	1.5:1
2-Teacher Desk Horizontal	◇	47 fc	53 fc	41 fc	1.3:1	1.1:1
3-Whiteboard	■	23 fc	26 fc	20 fc	1.3:1	1.2:1
4-Side Wall	□	29 fc	40 fc	15 fc	2.7:1	1.9:1
5-Back Wall	✕	21 fc	26 fc	16 fc	1.6:1	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**

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One Lithonia Way
Conyers, GA 30012

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

Typical Classroom layout
ClassPack ES8 232 PS
Instructional activity
Lighting Analysis

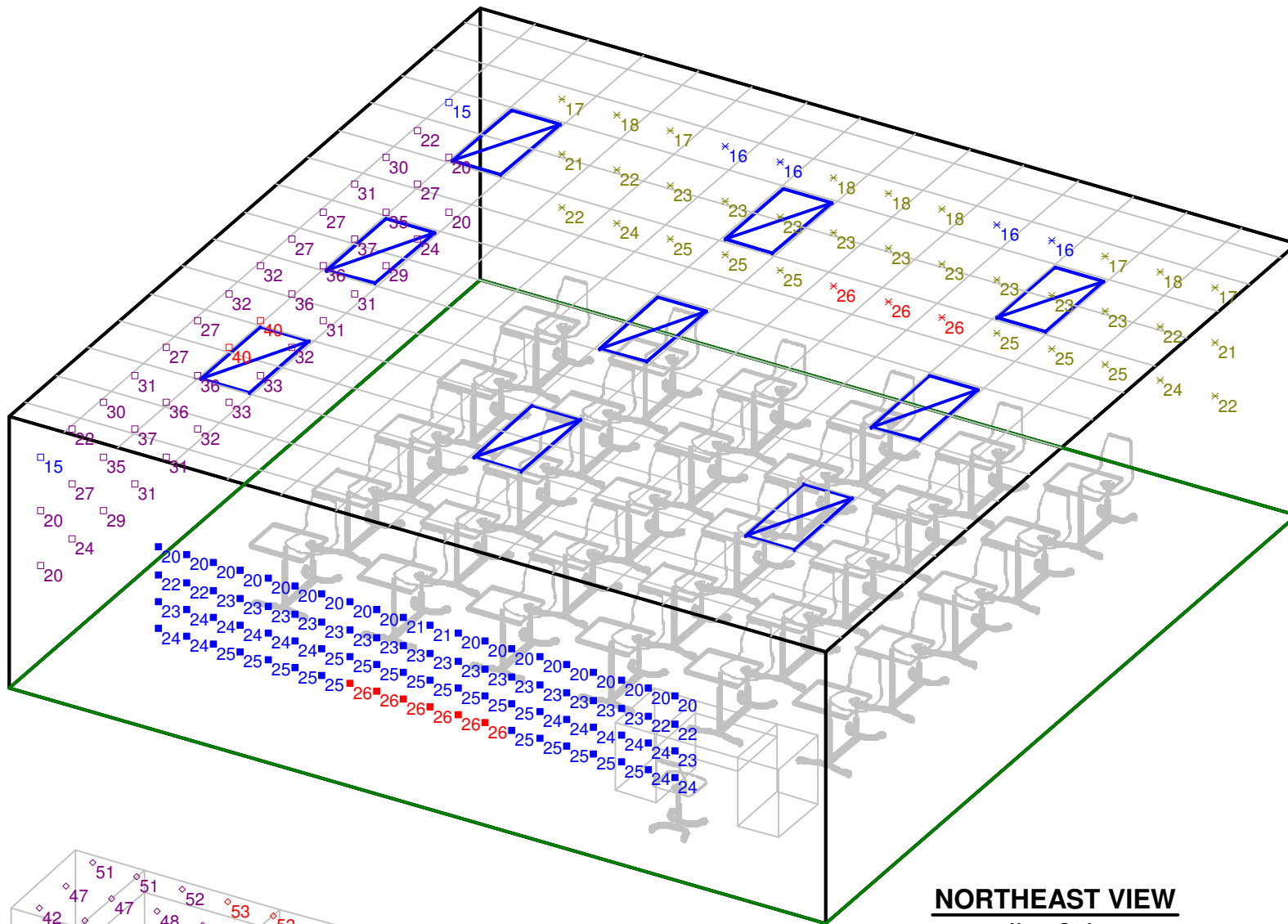
Designer
Wayne Palmer, LC

Date
FEB 24 2009

Scale
See plan view

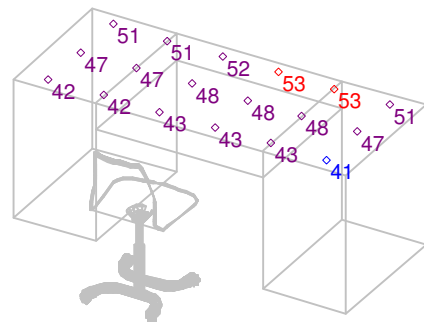
Drawing No.
99903608A19

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NORTHEAST VIEW

Not to Scale



Teacher Desk Horizontal

Not to Scale



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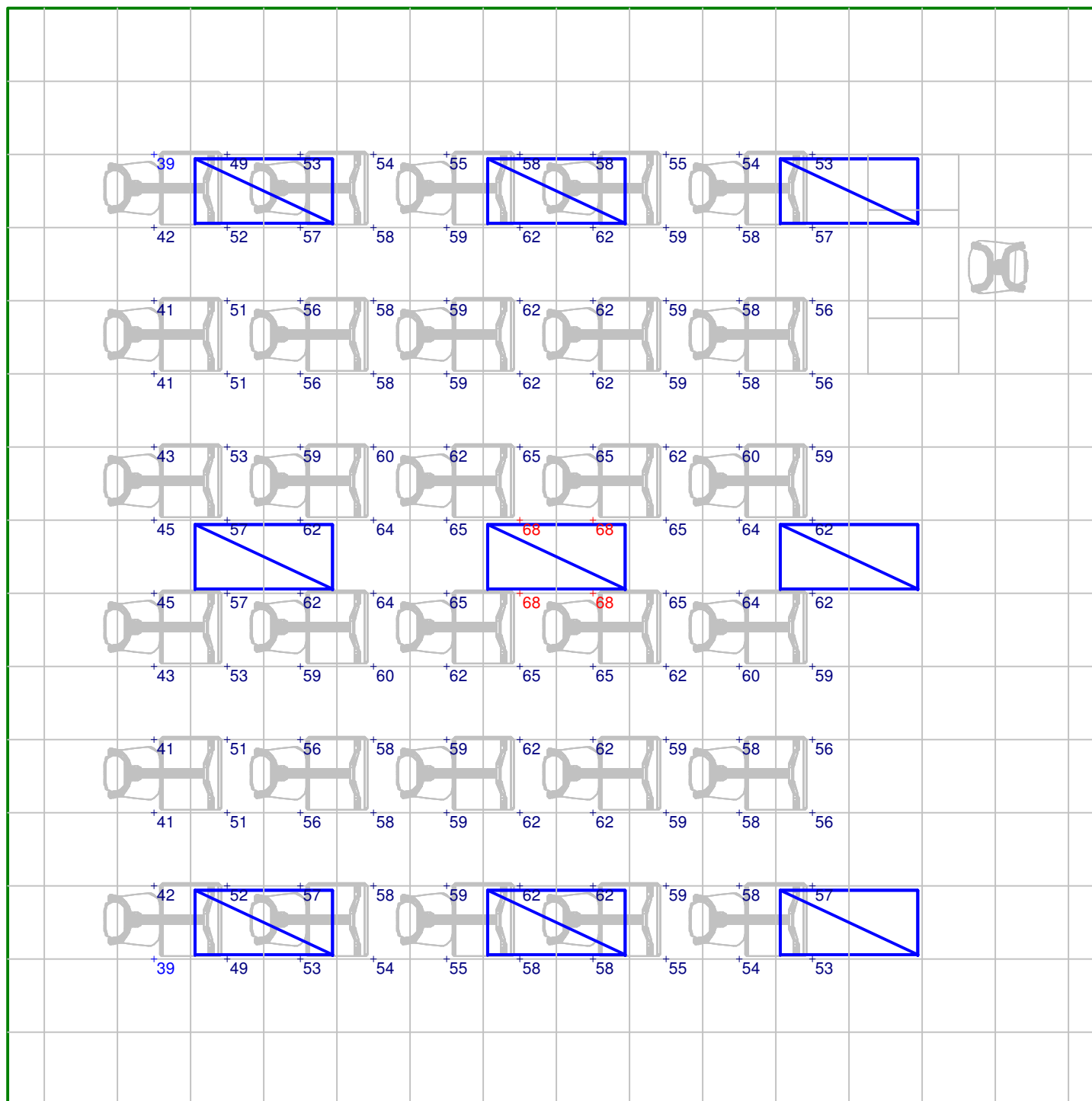
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PLAN VIEW

Scale 1" = 4'

Calculated values include direct and interreflected components.