


LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	A	9	CPSP8 PS	CP SPECIFICATION PREMIUM T8 TROFFER 2'X4' 2 LP T8 #A12125 LENS ELEC 120 VOLT	TWO 32-WATT T8 LINEAR FLUORESCENT.	LTL7525.IES	3100	0.98	73.3

STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
1-Student Desk Light Level	+	59 fc	67 fc	40 fc	1.7:1	1.5:1
2-Teacher Desk Horizontal	◇	49 fc	54 fc	42 fc	1.3:1	1.2:1
3-Whiteboard	■	20 fc	23 fc	16 fc	1.4:1	1.3:1
4-Side Wall	□	26 fc	34 fc	13 fc	2.6:1	2.0:1
5-Back Wall	✕	19 fc	23 fc	15 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 AcuityBrands 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 SP8 232 PS
Instructional activity
Lighting Analysis

Designer
Wayne Palmer, LC

Date
Feb. 3, 2008

Scale
See plan view

Drawing No.
99903608A9

1 of 3



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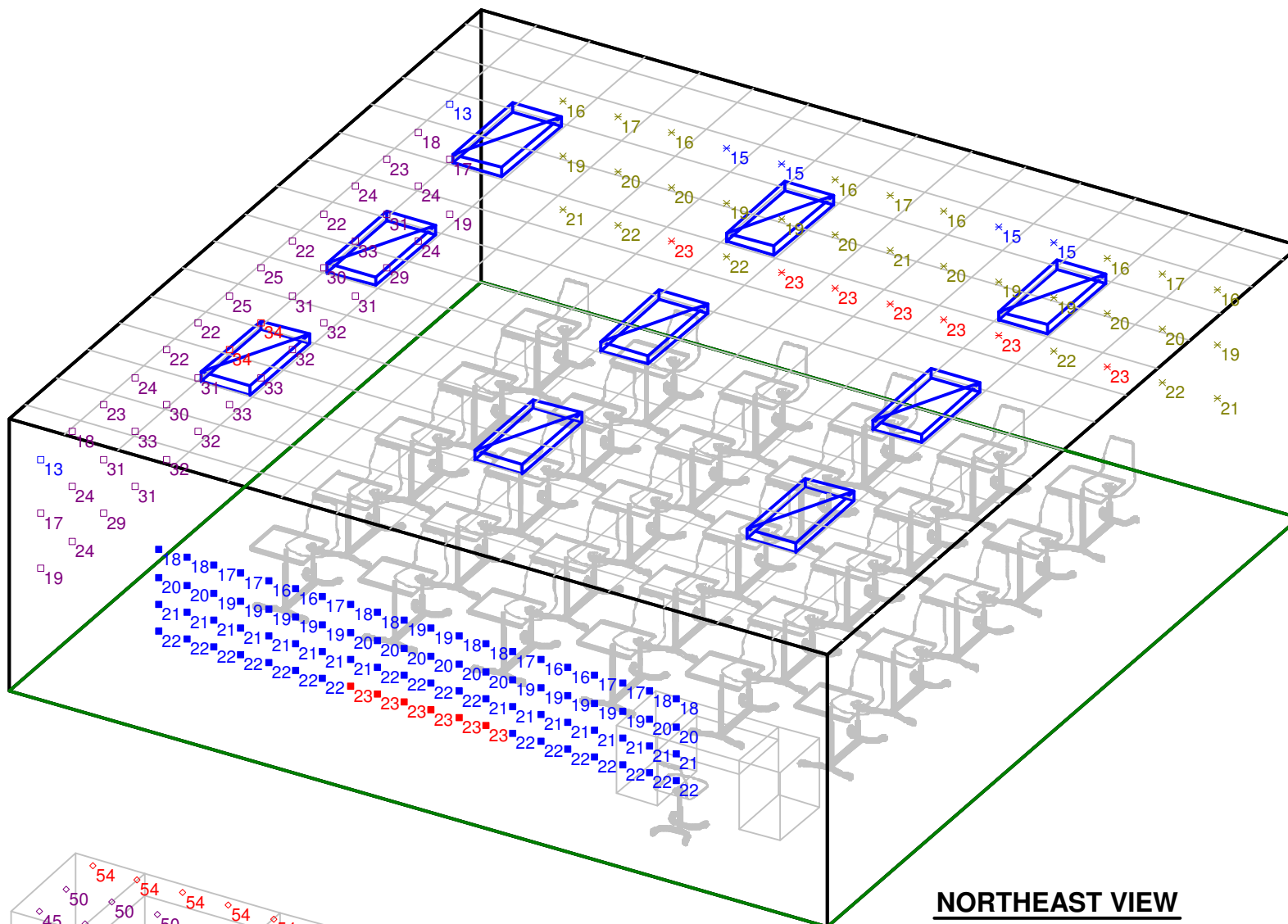
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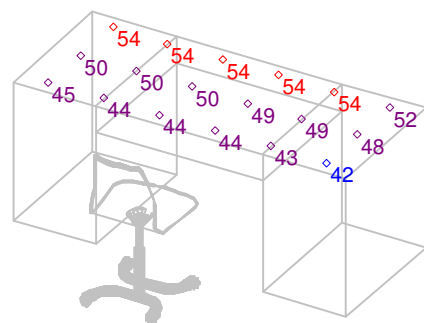
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NORTHEAST VIEW

Not to Scale



Teacher Desk Horizontal

Not to Scale

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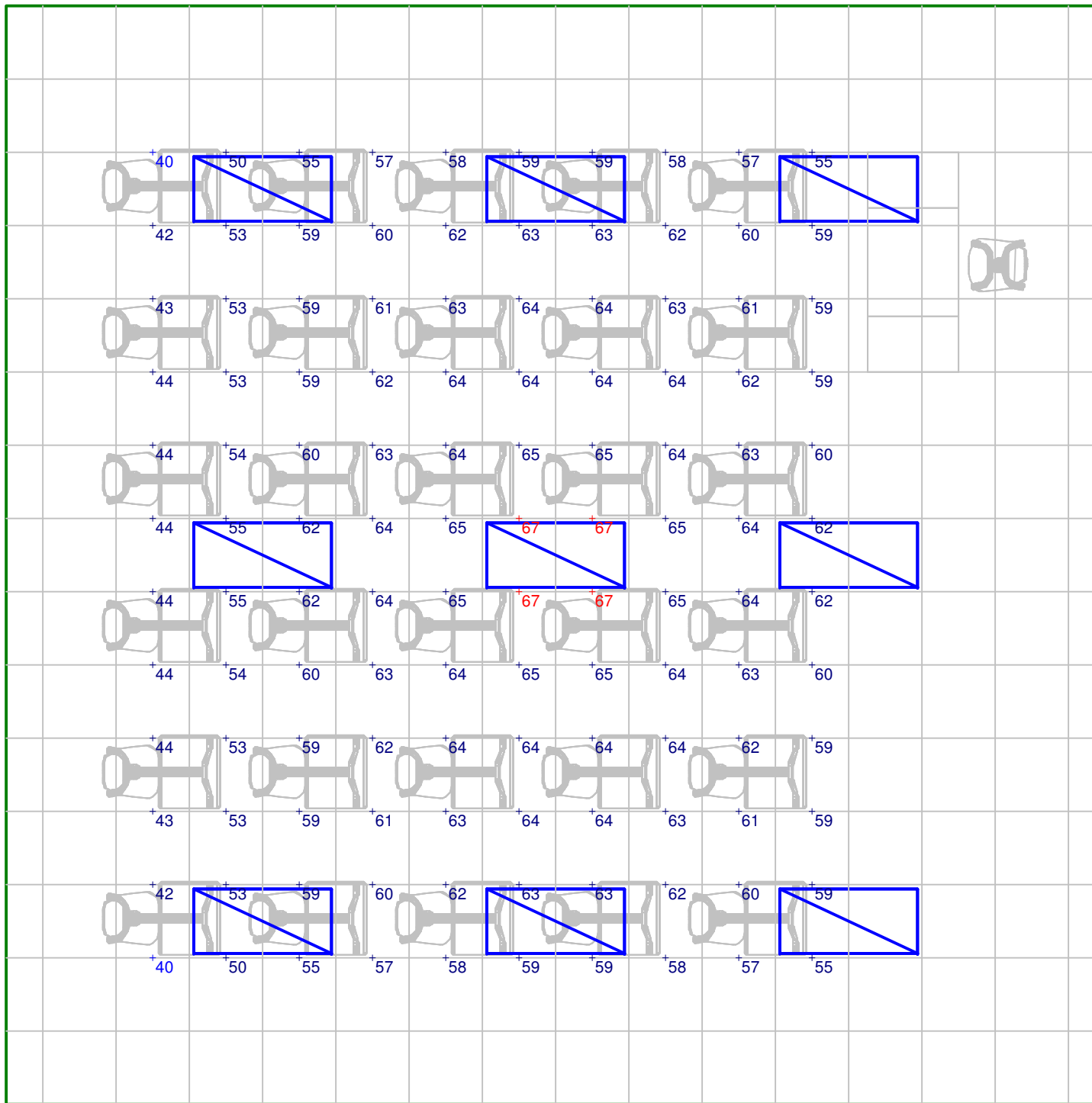
Designer
 Wayne Palmer,LC

Date
 Jan 13, 2008

Scale
 See plan view

Drawing No.
 99903608A3

2 of 3



PLAN VIEW

Scale 1" = 4'

Calculated values include direct and interreflected components.



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