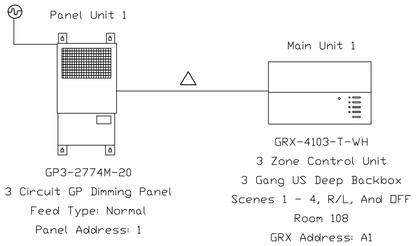
Lutron cable GRX-CBL-46L (Non-Plenum) or GRX-PCBL-46L (Plenum rated). Otherwise use 2 #12AWG (2.5mm2), 1 Belden #9461 (or equivalent), and between panels add 1 #18AWG (1.0mm2) for emergency sensing.

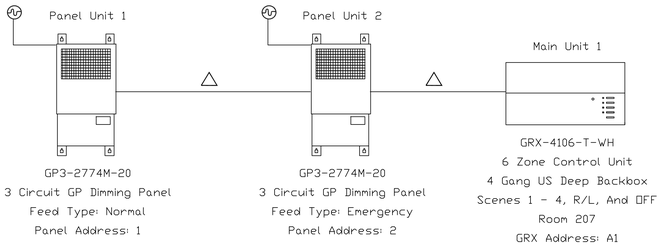
Main Feed



CONFERENCE ROOM #108

Lutron cable GRX-CBL-46L (Non-Plenum) or GRX-PCBL-46L (Plenum rated). Otherwise use 2 #12AWG (2.5mm2), 1 Belden #9461 (or equivalent), and between panels add 1 #18AWG (1.0mm2) for emergency sensing.

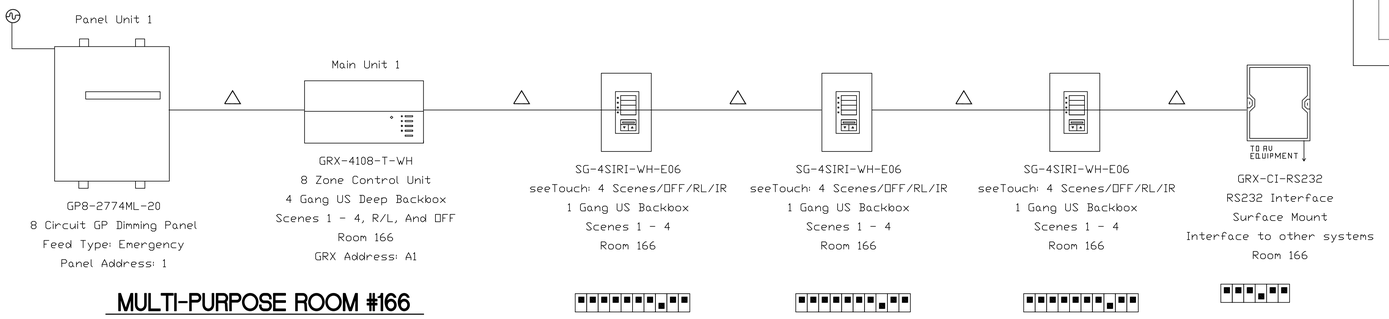
Main Feed



CONFERENCE ROOM #207

Lutron cable GRX-CBL-46L (Non-Plenum) or GRX-PCBL-46L (Plenum rated). Otherwise use 2 #12AWG (2.5mm2), 1 Belden #9461 (or equivalent), and between panels add 1 #18AWG (1.0mm2) for emergency sensing.

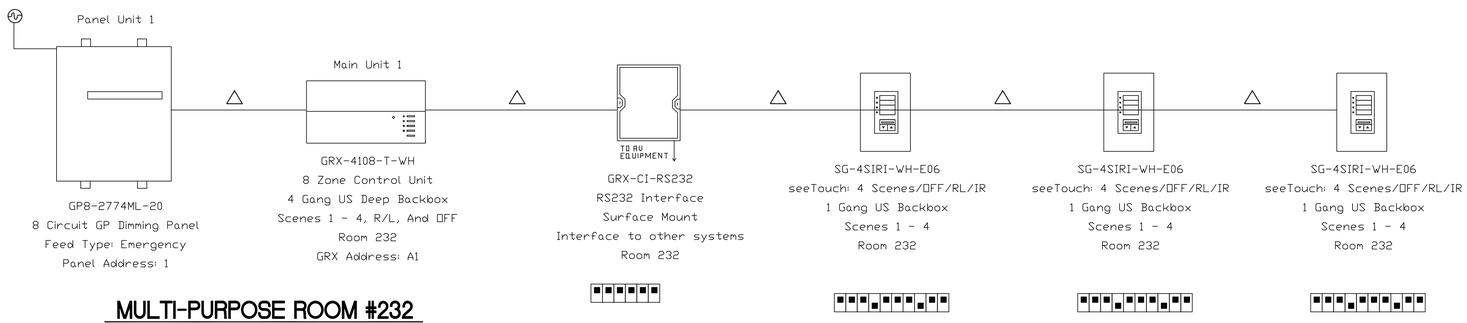
Main Feed



MULTI-PURPOSE ROOM #166

Lutron cable GRX-CBL-46L (Non-Plenum) or GRX-PCBL-46L (Plenum rated). Otherwise use 2 #12AWG (2.5mm2), 1 Belden #9461 (or equivalent), and between panels add 1 #18AWG (1.0mm2) for emergency sensing.

Main Feed



MULTI-PURPOSE ROOM #232

Bill Of Materials

Room 108

Item	Lutron Model No.	Description	Qty
1)	GP3-2774M-20	277V GP Dimming Panel containing 1 20A-1Pole branch breaker rated at 14,000AIC for each of the 3 dimming circuits. Max input feed = 20A (3Ø-4 Wire), 60A (1Ø-2 Wire)	1
2)	GRX-8IT-WH	Lutron Infrared Transmitter. Allows for selection of 8 scenes, off, and raise/lower. Used with GRAFIK Systems products.	1
3)	GRX-4103-T-WH	3 Zone GRAFIK Eye 4000 Control Unit with Translucent Top Cover. For use with Lutron GP, LP, and XP Power Panels. 3 Gang US Backbox.	1
4)	-	All electrical devices should match system controls. Use Lutron NovaT® dimmers, switches, receptacles, jacks and faceplates as required.	0

Room 207

Item	Lutron Model No.	Description	Qty
1)	GP3-2774M-20	277V GP Dimming Panel containing 1 20A-1Pole branch breaker rated at 14,000AIC for each of the 3 dimming circuits. Max input feed = 20A (3Ø-4 Wire), 60A (1Ø-2 Wire)	2
2)	GRX-8IT-WH	Lutron Infrared Transmitter. Allows for selection of 8 scenes, off, and raise/lower. Used with GRAFIK Systems products.	1
3)	GRX-4106-T-WH	6 Zone GRAFIK Eye 4000 Control Unit with Translucent Top Cover. For use with Lutron GP, LP, and XP Power Panels. 4 Gang US Backbox.	1
4)	-	All electrical devices should match system controls. Use Lutron NovaT® dimmers, switches, receptacles, jacks and faceplates as required.	0

Room 166

Item	Lutron Model No.	Description	Qty
1)	GP8-2774ML-20	277/480V, 3Ø-4 Wire Main Lugs GP Dimming Panel containing 1 20A-1Pole branch breaker rated at 14,000AIC for each of the 8 dimming circuits. Max input feed = 60A	1
2)	SG-4SIRI-WH-E06	seeTouch series GRAFIK Eye wallstation. Recalls preset light levels for up to 4 scenes plus off. IR receiver operates with a GRX-IT or GRX-8IT remote control (ordered separately). Insert Version; Optional Backlighting. 1 Gang US Backbox.	1
3)	GRX-8IT-WH	Lutron Infrared Transmitter. Allows for selection of 8 scenes, off, and raise/lower. Used with GRAFIK Systems products.	1
4)	GRX-CI-RS232	RS232 Interface. Used to interface GRAFIK Eye systems with touchscreens or other intelligent systems. Surface mount.	1
5)	GRX-4108-T-WH	8 Zone GRAFIK Eye 4000 Control Unit with Translucent Top Cover. For use with Lutron GP, LP, and XP Power Panels. 4 Gang US Backbox.	1
6)	-	All electrical devices should match system controls. Use Lutron NovaT® dimmers, switches, receptacles, jacks and faceplates as required.	0

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Toll Free: 800 523 9466

Project Name: New Project
Location: Houston, TX
Design By: Beth Taliaferro
Project #:
Project Filename: Lutron for Kevin.gdf
GRAFIK Eye Designer 7.1.124
Date: 29-May-2009
Page: 1 of 2

Bill Of Materials

Room 232

Item	Lutron Model No.	Description	Qty
1)	GP8-2774ML-20	277/480V, 3Ø-4 Wire Main Lugs GP Dimming Panel containing 1 20A-1Pole branch breaker rated at 14,000AIC for each of the 8 dimming circuits. Max input feed = 60A	1
2)	GRX-CI-RS232	RS232 Interface. Used to interface GRAFIK Eye systems with touchscreens or other intelligent systems. Surface mount.	1
3)	SG-4SIRI-WH-E06	seeTouch series GRAFIK Eye wallstation. Recalls preset light levels for up to 4 scenes plus off. IR receiver operates with a GRX-IT or GRX-8IT remote control (ordered separately). Insert Version; Optional Backlighting. 1 Gang US Backbox.	1
4)	GRX-8IT-WH	Lutron Infrared Transmitter. Allows for selection of 8 scenes, off, and raise/lower. Used with GRAFIK Systems products.	1
5)	GRX-4108-T-WH	8 Zone GRAFIK Eye 4000 Control Unit with Translucent Top Cover. For use with Lutron GP, LP, and XP Power Panels. 4 Gang US Backbox.	1
6)	-	All electrical devices should match system controls. Use Lutron NovaT® dimmers, switches, receptacles, jacks and faceplates as required.	0

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Project Name: New Project
Location: Houston, TX
Design By: Beth Taliaferro
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GRAFIK Eye Designer 7.1.124
Date: 29-May-2009
Page: 2 of 2

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BOWIE CAMPUS

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HOUSTON, TX 77012

CITY OF HOUSTON
PROJECT # 09044674

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STATE OF TEXAS
R. ROSS ALEMAN
98427
REGISTERED
PROFESSIONAL ENGINEER
6/3/09

PROJECT MGR:

DRAWN BY:	CHKD. BY:
AYS	AYS

ISSUE DATES:

△	date	issue
	06.5.09	Permit Set

LIGHTING CONTROLS ONE-LINE DIAGRAM

E6.2

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