

RICHARDSON HIGH SCHOOL

RICHARDSON, TEXAS

JOB #15027855

INDEX OF DRAWINGS

DRAWING	RELEASE B C	REVISION	DRAWING DESCRIPTION	DRAWING	RELEASE B C	REVISION	DRAWING DESCRIPTION
15027855-00A	<input type="checkbox"/> <input type="checkbox"/>	C	TITLE PAGE / DRAWING INDEX (PAGE 2 OF 2)	15027855-16	<input type="checkbox"/> <input type="checkbox"/>	B	ETCNet GRIDIRON JUNCTION BOX - PHYSICAL
15027855-01	<input type="checkbox"/> <input type="checkbox"/>	A	PROJECT NOTES	15027855-17	<input type="checkbox"/> <input type="checkbox"/>	B	1st THRU 4th ELECTRIC CONNECTOR STRIP - PHYSICAL
15027855-02	<input type="checkbox"/> <input type="checkbox"/>	C	SYSTEM RISER	15027855-18	<input type="checkbox"/> <input type="checkbox"/>	B	ETCNet DATA PANEL - PHYSICAL & ELECTRICAL
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15027855-04	<input type="checkbox"/> <input type="checkbox"/>	C	DMX & UNISON CONTROL WIRING DIAGRAMS	15027855-20	<input type="checkbox"/> <input type="checkbox"/>	B	8503B/1A FLOOR POCKET - PHYSICAL
15027855-05	<input type="checkbox"/> <input type="checkbox"/>	C	ETCNet CONTROL WIRING DIAGRAM	15027855-21	<input type="checkbox"/> <input type="checkbox"/>	--	DRAWING DELETED
15027855-06	<input type="checkbox"/> <input type="checkbox"/>	A	SENSOR3 SR3-48 (FRONT/SIDE VIEWS) - PHYSICAL DIMMER BANK	15027855-22	<input type="checkbox"/> <input type="checkbox"/>	A	WALL-MOUNTABLE EQUIPMENT RACK - PHYSICAL
15027855-07	<input type="checkbox"/> <input type="checkbox"/>	A	SENSOR3 SR3-48 (MODULES REMOVED) - PHYSICAL DIMMER BANK	15027855-23	<input type="checkbox"/> <input type="checkbox"/>	B	WALL-MOUNTABLE EQUIPMENT RACK - ELECTRICAL
15027855-08	<input type="checkbox"/> <input type="checkbox"/>	A	SENSOR3 SR3-48 DIMMER RACK - ELECTRICAL	15027855-24	<input type="checkbox"/> <input type="checkbox"/>	A	RETRACTABLE LIGHT PANEL - PHYSICAL
15027855-09	<input type="checkbox"/> <input type="checkbox"/>	A	SENSOR3 SR3-12 WALL-MOUNTED DIMMER RACK - PHYSICAL	15027855-25	<input type="checkbox"/> <input type="checkbox"/>	A	UNISON ERn2 ARCHITECTURAL CONTROL UNIT - PHYSICAL
15027855-10	<input type="checkbox"/> <input type="checkbox"/>	A	SENSOR3 SR3-12 WALL-MOUNTED DIMMER RACK - ELECTRICAL	15027855-26	<input type="checkbox"/> <input type="checkbox"/>	A	UNISON ERn2 ARCHITECTURAL CONTROL UNIT - ELECTRICAL
15027855-11	<input type="checkbox"/> <input type="checkbox"/>	B	SENSOR3 (BILL-OF-MATERIALS) DIMMER RACK - PHYSICAL	15027855-27	<input type="checkbox"/> <input type="checkbox"/>	A	24-PORT ETHERNET PATCH PANEL - PHYSICAL
15027855-12	<input type="checkbox"/> <input type="checkbox"/>	B	DR-1 LOAD SCHEDULE	15027855-28	<input type="checkbox"/> <input type="checkbox"/>	A	FLOOR POCKET LED POWER SUPPLY - PHYSICAL & ELECTRICAL
15027855-13	<input type="checkbox"/> <input type="checkbox"/>	B	DR-2 LOAD SCHEDULE	15027855-29	<input type="checkbox"/> <input type="checkbox"/>	A	BRUSH PANEL 2U - PHYSICAL
15027855-14	<input type="checkbox"/> <input type="checkbox"/>	A	DR-3 LOAD SCHEDULE	15027855-30	<input type="checkbox"/> <input type="checkbox"/>	A	24-PORT ETHERNET SWITCH WITH PoE - PHYSICAL
15027855-15	<input type="checkbox"/> <input type="checkbox"/>	B	9735 GRIDIRON JUNCTION BOX - PHYSICAL	15027855-31	<input type="checkbox"/> <input type="checkbox"/>	A	CISCO REDUNDANT POWER SYSTEM 2300 - PHYSICAL

IMPORTANT:

PLEASE NOTE THE FOLLOWING INFORMATION:

THE PROJECT MANAGER FOR THIS SYSTEM IS **TOM JELLINGS**.

ANY QUESTIONS CONCERNING THIS SYSTEM SHOULD BE DIRECTED TO THE PROJECT MANAGER WHO CAN BE REACHED AT OUR FACTORY:

THE TOLL FREE NUMBER IS: **1-800-688-4116**

THE FACTORY NUMBER IS: **608-831-4116**

THE FAX NUMBER IS: **608-836-1736**

FOR SYSTEM ENERGIZATION, CONTACT THE PROJECT MANAGER AT LEAST THREE WEEKS PRIOR TO YOUR REQUESTED DATE.

Electronic Theatre Controls Inc	
3031 Pleasant View Rd PO Box 620979 Middleton WI 53562-0979 Tel 608 831 4116 Toll Free 800 688 4116 Fax 608 836 1736 www.etcconnect.com	
UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.	

AS - BUILT	TW	12/9/13	TJ/MP	JOB: LOCATION:
REVISION C	TW	12/9/13	TJ/MP	CONTRACT WITH:
REVISION B	CA	7/24/13	TJ/MP	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:
DWG. STATUS	BY	DATE	APP'D.	SPECTRUM LIGHTING
DRAWING: 15027855-00	REV. C	TITLE: TITLE PAGE / DRAWING INDEX (PAGE 1 OF 2)	FILE NAME: INDEX.DWG	

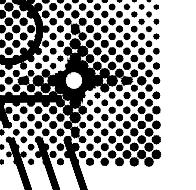
RICHARDSON HIGH SCHOOL

RICHARDSON, TEXAS

JOB #15027855

INDEX OF DRAWINGS

DRAWING	RELEASE B C	REVISION	DRAWING DESCRIPTION
15027855-32	<input type="checkbox"/> <input type="checkbox"/>	A	Net3 4-PORT GATEWAY - PHYSICAL
15027855-33	<input type="checkbox"/> <input type="checkbox"/>	A	DEMULITPLEXER/ OPTO PANEL - PHYSICAL
15027855-34	<input type="checkbox"/> <input type="checkbox"/>	A	DEMULITPLEXER/ OPTO PANEL - ELECTRICAL
15027855-35	<input type="checkbox"/> <input type="checkbox"/>	A	UNINTERRUPTIBLE POWER SUPPLY - PHYSICAL
15027855-36	<input type="checkbox"/> <input type="checkbox"/>	A	SMP EQUIPMENT RACK - PHYSICAL
15027855-37	<input type="checkbox"/> <input type="checkbox"/>	A	SMP EQUIPMENT RACK - ELECTRICAL
15027855-38	<input type="checkbox"/> <input type="checkbox"/>	A	RETRACTABLE LIGHT PANEL - PHYSICAL
15027855-39	<input type="checkbox"/> <input type="checkbox"/>	A	PLCD/Net PARADIGM TOUCHSCREEN - PHYSICAL & ELECTRICAL
15027855-40	<input type="checkbox"/> <input type="checkbox"/>	A	UNINTERRUPTIBLE POWER SUPPLY - PHYSICAL
15027855-41	<input type="checkbox"/> <input type="checkbox"/>	B	IDX CONTROL STATION - PHYSICAL & ELECTRICAL
15027855-42	<input type="checkbox"/> <input type="checkbox"/>	A	UNISON UH10010 PRESET STATION - PHYSICAL & ELECTRICAL
15027855-43	<input type="checkbox"/> <input type="checkbox"/>	A	UNISON P-LCD-P PORTABLE PARADIGM TOUCHSCREEN - PHYSICAL
15027855-44	<input type="checkbox"/> <input type="checkbox"/>	B	ECPB-ETCNet PLUG-IN STATION - PHYSICAL & ELECTRICAL
15027855-45	<input type="checkbox"/> <input type="checkbox"/>	B	CRS PLUG-IN STATION - PHYSICAL & ELECTRICAL
15027855-46	<input type="checkbox"/> <input type="checkbox"/>	B	DIRECTOR'S FLOOR POCKET - PHYSICAL & ELECTRICAL
15027855-47	<input type="checkbox"/> <input type="checkbox"/>	B	ETCNet LAMICOID LABEL - PHYSICAL
15027855-48	<input type="checkbox"/> <input type="checkbox"/>	A	ION 2000 CONTROL CONSOLE - PHYSICAL
15027855-49	<input type="checkbox"/> <input type="checkbox"/>	A	UNIVERSAL 2x20 FADER WING - PHYSICAL
15027855-50	<input type="checkbox"/> <input type="checkbox"/>	A	Net3 RFR RADIO FOCUS REMOTE - PHYSICAL
15027855-51	<input type="checkbox"/> <input type="checkbox"/>	A	NET3 2-PORT OUTPUT TOURING GATEWAY - PHYSICAL
15027855-52	<input type="checkbox"/> <input type="checkbox"/>	A	NET3 2-PORT INPUT TOURING GATEWAY - PHYSICAL

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AS - BUILT	TW	12/9/13	TJ/NP
REVISION C	TW	12/9/13	TJ/NP
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DWG. STATUS	BY	DATE	APP'D.
DRAWING:	15027855-00A	REV. C	TITLE: TITLE PAGE / DRAWING INDEX (PAGE 2 OF 2)
			FILE NAME: INDEX.DWG

PROJECT NOTES

SECTION 1 - CONTACTS:

CONTRACT WITH:

Texas Scenic Company
5423 Jackwood Drive
San Antonio, Texas 78238
Tel: 800-292-7490
Fax: 210-684-4557

REPRESENTATIVE:

Spectrum Lighting
7810 Jones Maltsberger Road
San Antonio, Texas 78216
Tel: 210-822-6140
Fax: 210-822-5367

CONSULTANT:

Wrightson, Johnson, Haddon & Williams
12500 Network Boulevard Suite 402
San Antonio, Texas 78249
Tel: 210-561-9800
Fax: 210-561-9810

DIMMING MANUFACTURER:

Electronic Theatre Controls, Inc.
3031 Pleasant View Road
P.O. Box 620979
Middleton, Wisconsin, U.S.A. 53562
Tel: 800-688-4116
Fax: 608-636-1736

PROJECT MANAGER:
Tom Jellings
Direct Tel: 888-908-2143
E-mail: tom.jellings@etcconnect.com

SECTION 2 - GENERAL NOTES:

A.) Dimmer Rack generates approximately 4% of connected load as heat output. Dimmer Room must have climate control. Maintain between 32 degrees Fahrenheit (0 degrees Centigrade) to 104 degrees Fahrenheit (40 degrees Centigrade), humidity between 30%–95%, non-condensing and an altitude below 6500 feet (2000 meters). Consult ETC for installations above 6500 feet (2000 meters).

B.) Dimmer Rack requires a minimum of 10" top clearance for proper air ventilation. The Dimmer System also requires a minimum of 6" clearance on the left side to allow door-swing for proper module insertion/removal.

C.) Only the following Control Wiring substitutions may be used:
(All network connections to be terminated per TIA/EIA 568B standards.)

Belden 9728:	Belden 9729:	Belden 8471:	Belden 1583A:
Alpha 6076C (6 pair) Carol C0912 ProPlex PC248T West Penn DA2404S	Carol C0910 ProPlex PC244T West Penn DA2402	Alpha 1899C Belden 5200UE Carol C2405 West Penn 225	Comm Scope 5504 West Penn 4245 Cat 5 or better

Plenum Versions (when required)

Belden 89728 Manhattan M42893	Belden 89729 Belden 82729 West Penn DA252402 Manhattan M42891	Belden 6200UE West Penn DA252402 Manhattan M42891	Belden 1585A West Penn 254245
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D.) Please contact Electronic Theatre Controls, Inc. if deviations from the control riser are necessary.

E.) ETC, Inc. Distribution Equipment Wire Range:

All data connection terminals : 22 – 10 AWG.
All 20A terminal blocks : 22 – 8 AWG.

F.) Load circuit wiring shall have individual neutrals.

G.) Sensor and Unison Dimming Rack Load Terminations are provided as follows:

50A, 20A, 15A, 10A . . . 4 AWG. Max.
100A 2/0 Max.

H.) Line Feeds to be determined by others.

I.) Primary Feed Terminations are provided as follows:

Sensor SR3-6 Single 2/0 – 14 AWG.
Sensor SR3-12 Dual 250 MCM – 6 AWG.
Sensor SR3-24 Dual 350 MCM – 6 AWG.
Sensor SR3-48 Dual 600 MCM – 2 AWG.

Unison DRd6 (1P,3P) Single 2/0 – 14 AWG.
Unison DRd12 (3P) Single 350 MCM – 6 AWG.
Unison DRd12 (1P) Single 350 MCM – 6 AWG.
Unison AX6 (1P,3P) with MCB Single 350 MCM – 8 AWG.
Unison AX12 (1P) with 400A. MCB Dual 400 MCM – 2/0
Unison AX12 (3P) with 200A. MCB Single 350 MCM – 8 AWG.
Unison AX12X (1P,3P) with Main Lugs Dual 500 MCM – 4 AWG.
Unison AX12X (1P,3P) with MCB Dual 400 MCM – 2/0

All feeder and branch circuit conductors terminating in Sensor dimmer racks must be copper. Utilize 90°C stranded conductors at 75°C ampacity limits specified by the National Electrical Code. For conductor sizing and conduit fill, all branch circuit and feeder neutrals shall be considered current carrying conductors.

J.) GFI Load Wiring Requirements:

- Type XHHW wiring recommended
- Up to 125' (38.1 meters) load wiring length
- Load and neutral wires for each circuit installed in same conduit
- No ganging of neutral (return) wires at any point

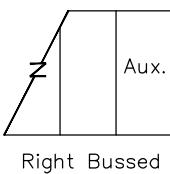
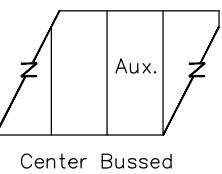
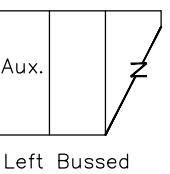
K.) ETC recommends that all fluorescent lamps be pre-burned for 100 hours at full. It is our experience that fluorescent lamps will dim correctly and perform for longer hours if this is followed. Shorter periods of burn in may reduce dimming effectiveness and increase the lamp failure rate.

L.) Sensor Auxiliary Rack Feed Terminations are as follows:

Aux. Bay Configuration:		Wire Max. Size Per Phase:	Wire Max. Size For Neutral:
Main Lugs	800A. Max. (19" and 30") 1000-2000A. (30" only)	2 Conductors 600MCM Max. 6 Conductors 600MCM Max.	2 Conductors 600MCM Max. 6 Conductors 600MCM Max.
65K AIC MCB	300-400A. (19" only) 600A. (19" and 30") 800A. (19" and 30")	2 Conductors 500MCM Max. 3 Conductors 500MCM Max. 4 Conductors 500MCM Max.	2 Conductors 600MCM Max. 2 Conductors 600MCM Max. 2 Conductors 600MCM Max.

(MCB = Main Circuit Breaker AIC = Amps Interrupt Current)

Please contact Electronic Theatre Controls, Inc. if requirements vary from above listing.



SECTION 3 - SYSTEM ENERGIZATION

NOTIFICATION:

- 1.) Please notify ETC Project Management three weeks prior to needing a system energization.
- 2.) No part of this system shall be energized without the knowledge of Electronic Theatre Controls, Inc.

ETC CONTRACTOR CHECKLIST:

If a System Energization is included with the purchase of the system, the following checklist notes the conditions that must be met before the Field Service Technician can commission the system. Please review the checklist with the Installing Contractor.

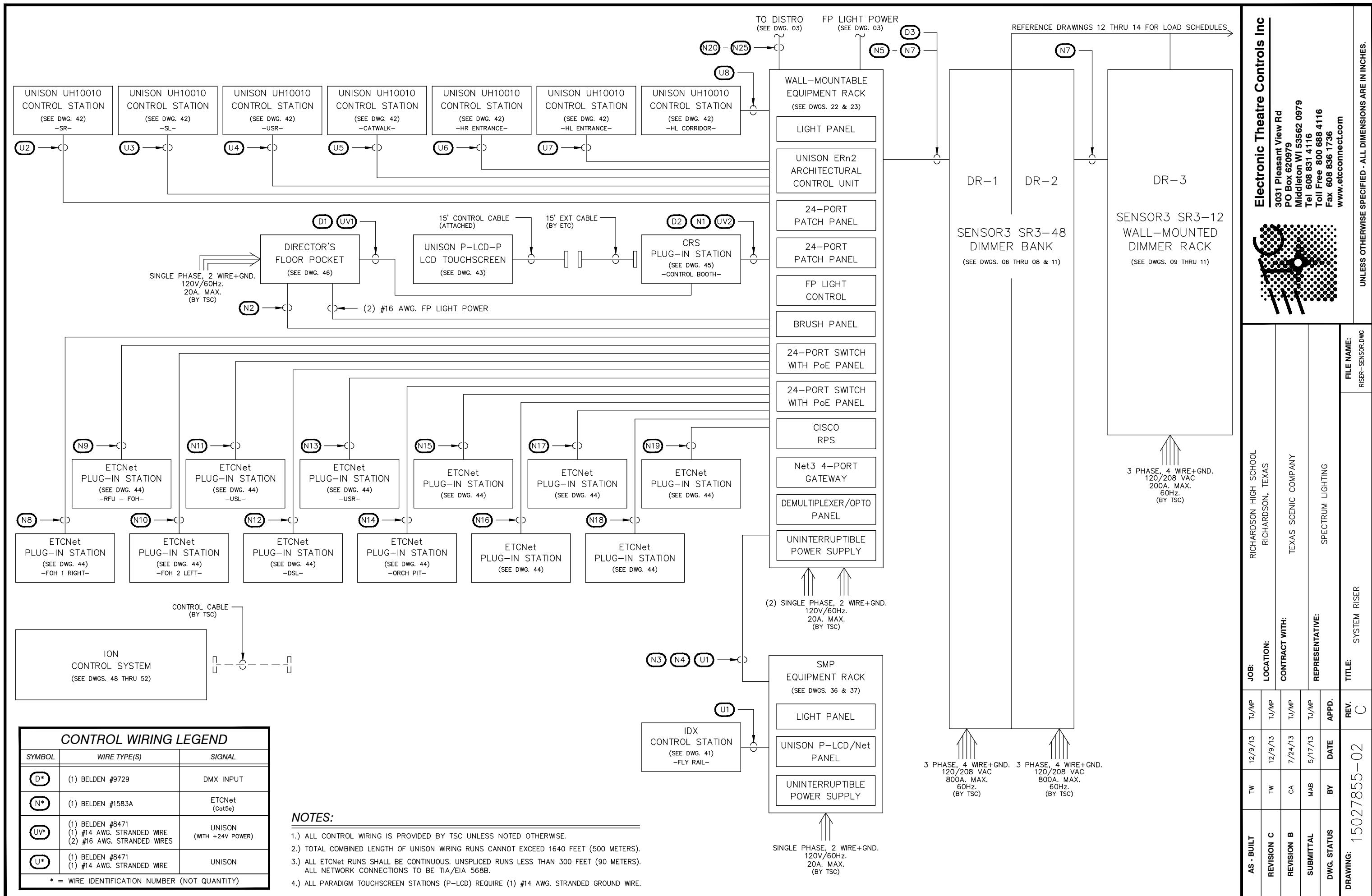
These items MUST be completed before the ETC Field Service Technician arrives at the site !

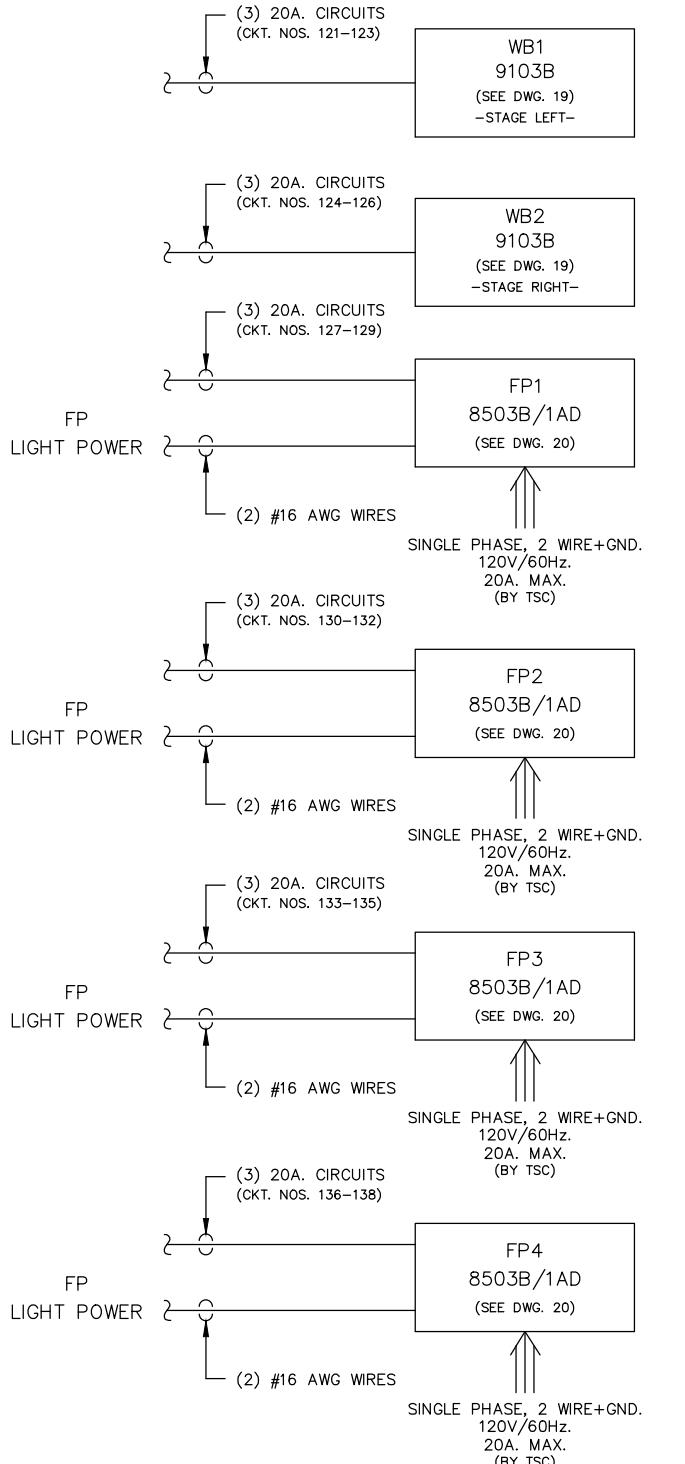
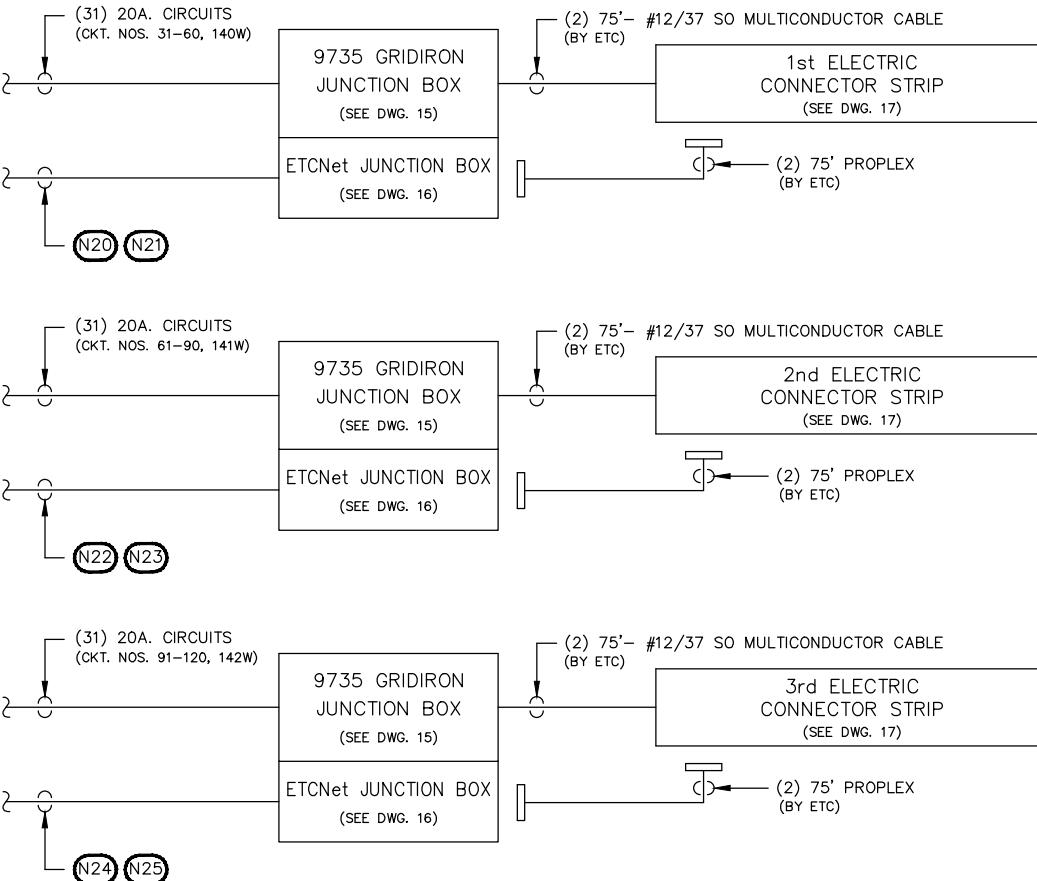
- Feeder cable is terminated and enter through the top or bottom of dimmer rack(s).
- Dimmer rack(s) have sufficient access to the front and left for door clearance.
- Dimmer rack(s) have ten inches of unobstructed clearance above the fan(s).
- Dimmer rack(s) are rigidly attached to the mounting surface.
- All air gaps in the dimmer rack(s) around feeder, load wiring, and between racks are sealed, (e.g. – duct seal or foam) making each dimmer rack section an air-tight enclosure.
- All branched circuits originating from the dimmer(s) are installed and terminated on both ends.
- All branched circuits are installed in back boxes as specified in drawings.
- If system was sold as 'Contractor Termination' all data terminations should be completed.
- All back boxes are mounted and supplied with specified data cable "tails" at least 3 feet in length.
- Control cable is proper type as specified on ETC's installation drawings.
- When using CAT5 for DMX, the cable must be run through grounded conduit.
- All control wiring runs are installed as specified on ETC's installation drawings.
- All control cable is labeled at BOTH ends as specified on the ETC drawings.
- All appropriate personnel are scheduled and available for training.
- All loads have separate neutrals.

AS - BUILT	TW	12/9/13	TJ/MP	JOB:	RICHARDSON HIGH SCHOOL	FILE NAME:
				LOCATION:	TEXAS SCENIC COMPANY	NOTES/DWG
				CONTRACT WITH:		
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:		
DWG. STATUS	BY	DATE	APP'D.	TITLE:	PROJECT NOTES	
DRAWING:	15027855-01			REV. A		

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Middleton WI 53562-0979
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Toll Free 800-688-4116
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CONTROL WIRING LEGEND

SYMBOL	WIRE TYPE(S)	SIGNAL
(N*)	(1) BELDEN #1583A	ETCNet (Cat5e)
* = WIRE IDENTIFICATION NUMBER (NOT QUANTITY)		

NOTES

- 1.) ALL CONTROL WIRING IS PROVIDED BY TSC UNLESS NOTED OTHERWISE.
 - 2.) ALL ETCNet RUNS SHALL BE CONTINUOUS. UNSPLICED RUNS LESS THAN 300 FEET (90 METERS).
ALL NETWORK CONNECTIONS TO BE TIA/EIA 568B.
 - 3.) { - INDICATES TO CONTROL RISER (SEE DWG. 02) UNLESS NOTED OTHERWISE.

An illustration of a person's head and shoulders, facing right. The person is wearing a dark cap and a jacket with a repeating dot pattern. The background consists of a large grid of black dots on a white background.

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Middleton WI 53562 0979

Tel 608 831 4116

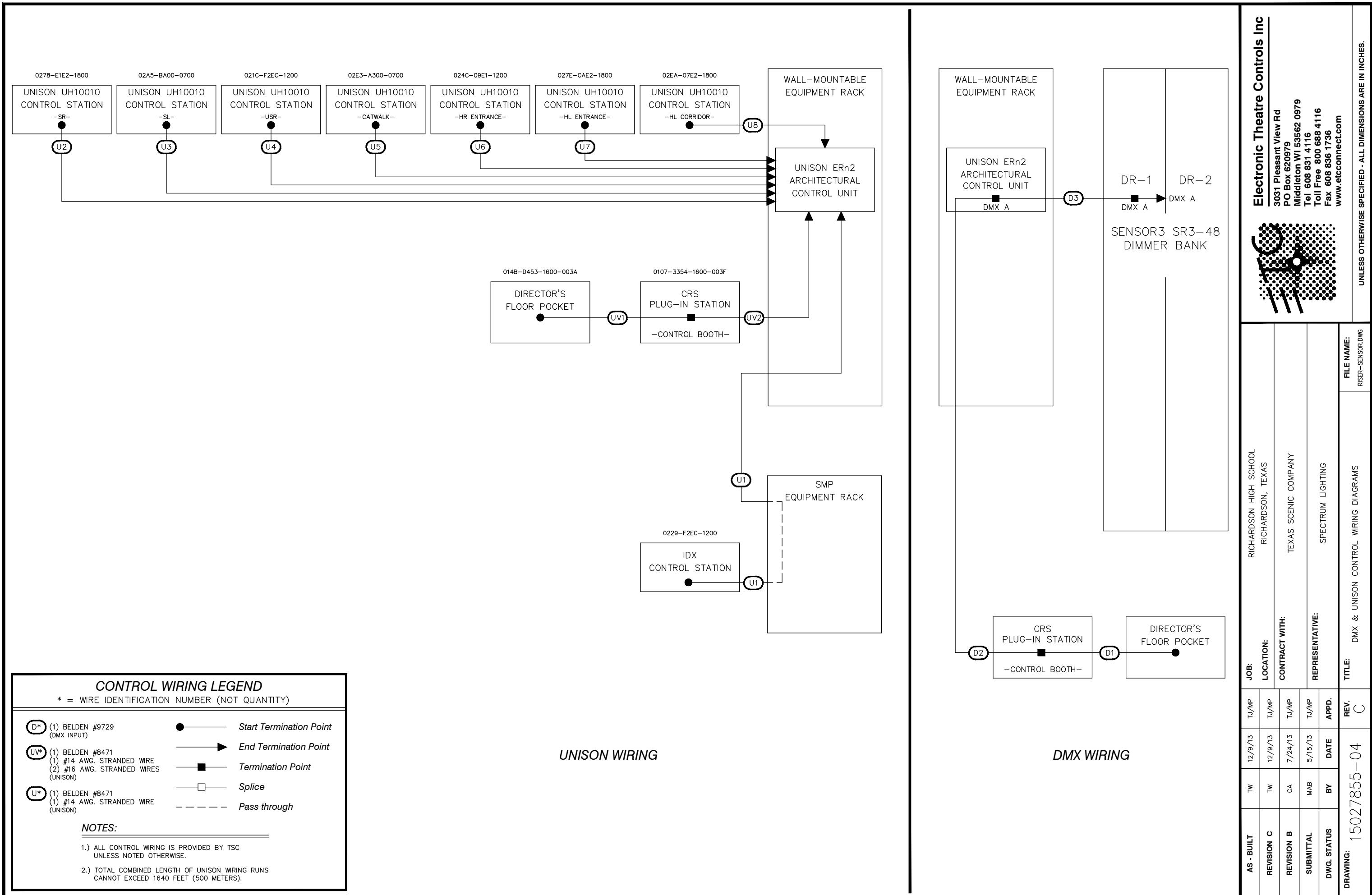
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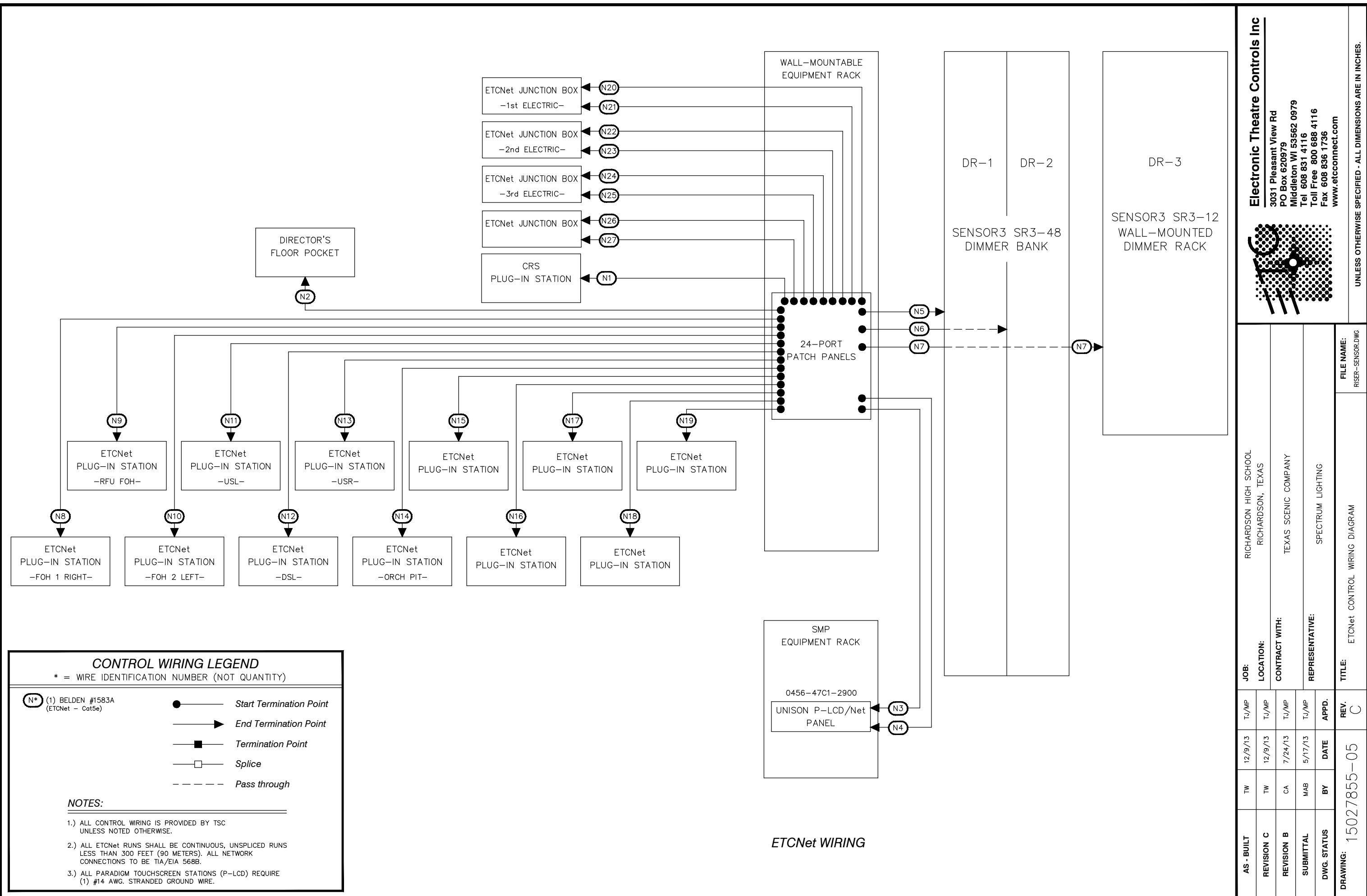
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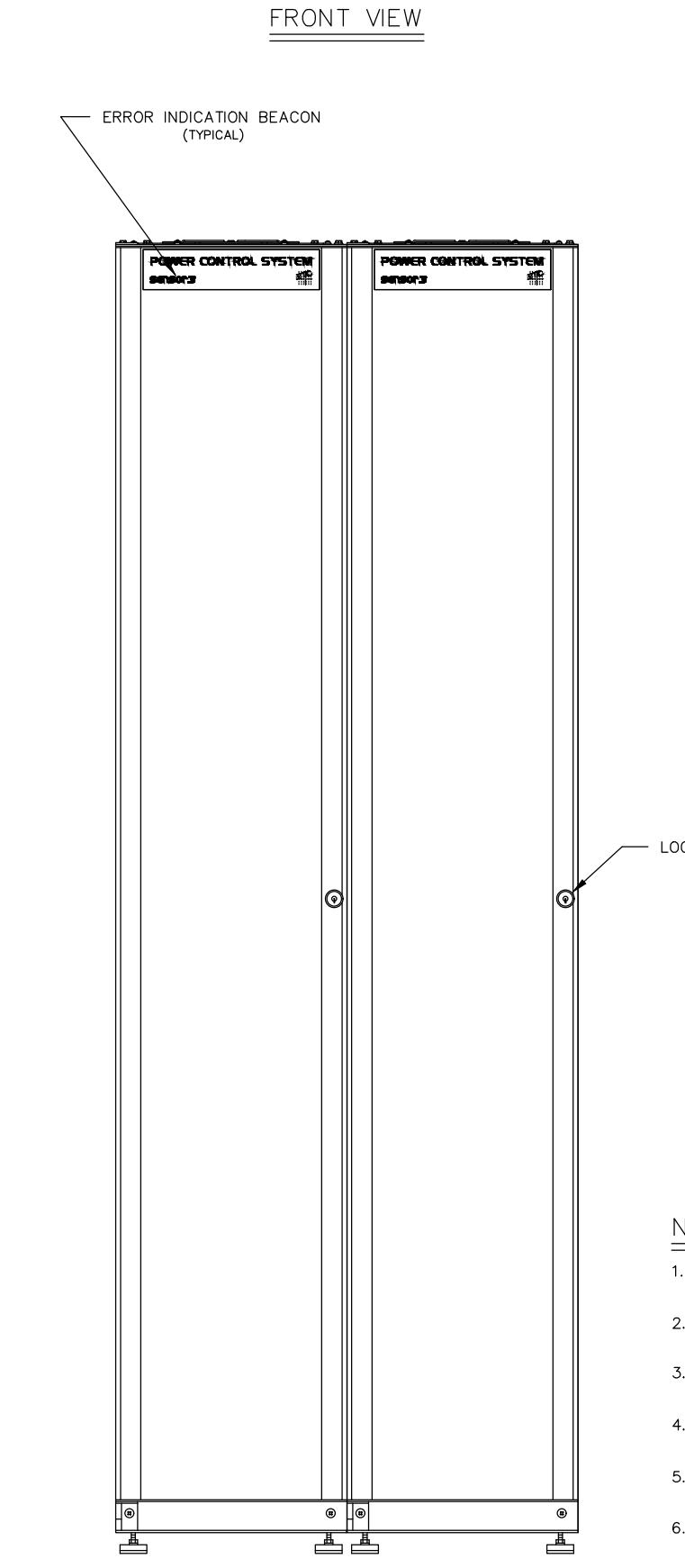
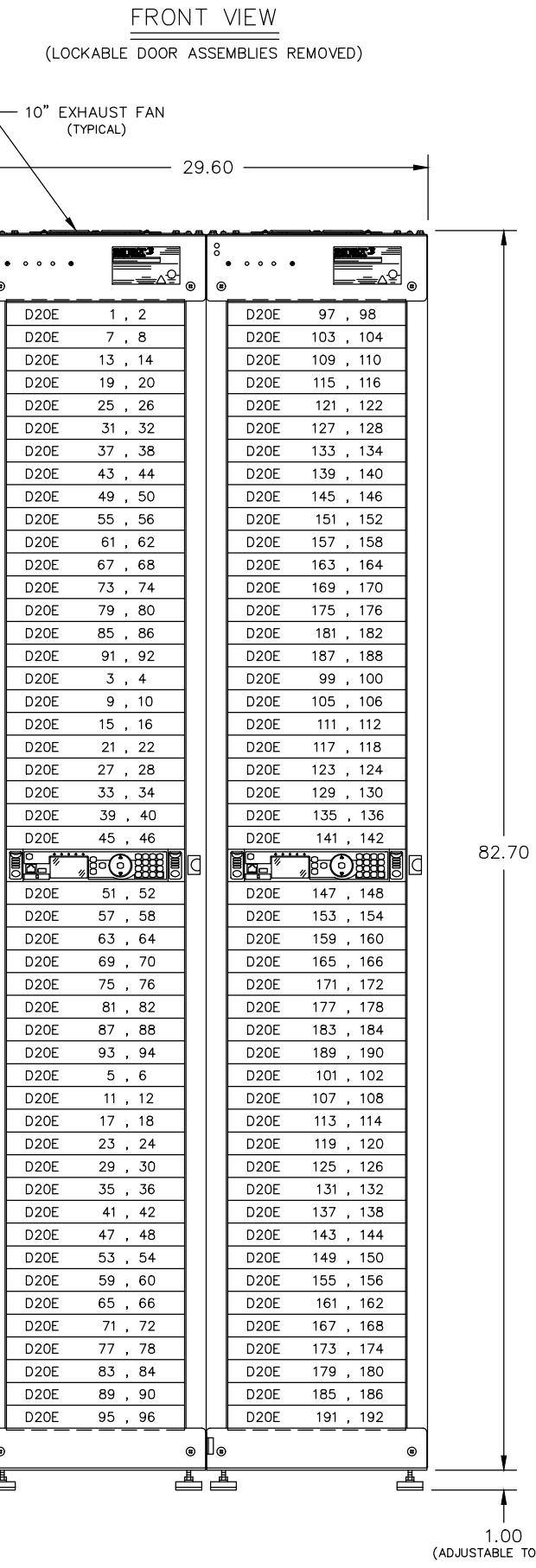
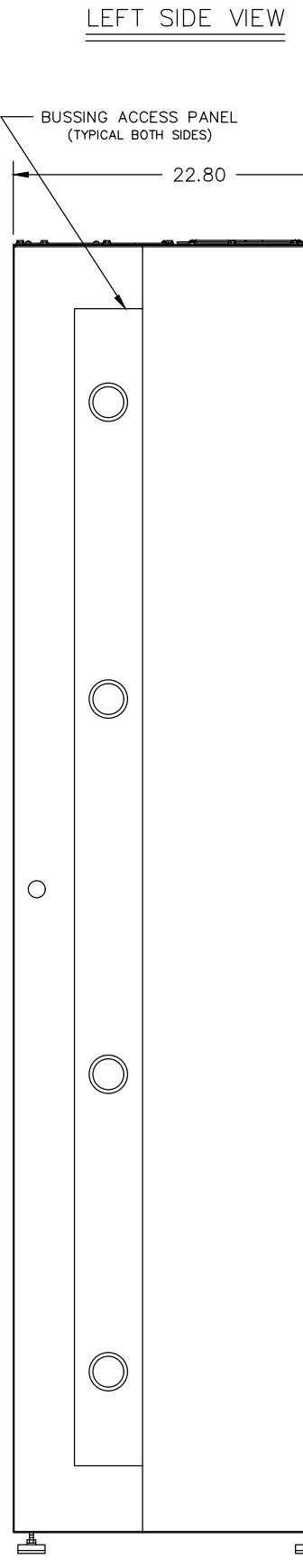
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AS - BUILT	IW	12/9/13	IJ/MP	JOB:	RICHARDSON HIGH SCHOOL
				LOCATION:	RICHARDSON, TEXAS
REVISION B	CA	7/24/13	TJ/MP	CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APPD.	REV.	TITLE: DISTRIBUTION RISER
DRAWING:	15027855-03			B	FILE NAME: RISER-SENSOR.DWG







NOTES:

- 1.) DIMMER RACK ENCLOSURE IS 16 GA. FORMED STEEL FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.
- 2.) DIMMER RACK IS DESIGNED FOR FRONT ACCESS LOAD WIRING AND TOP OR BOTTOM FEED WIRING.
- 3.) 10" MINIMUM CLEARANCE REQUIRED ABOVE FAN FOR EXHAUST FROM DIMMER RACK.
- 4.) 6" MINIMUM CLEARANCE REQUIRED ON LEFT SIDE OF RACK FOR DOOR SWING & MODULE INSERTION/REMOVAL.
- 5.) DIMMER RACK SHORT CIRCUIT CURRENT RATING (SCCR) IS 100,000 AMPS.
- 6.) DIMMER RACK IS  LISTED.

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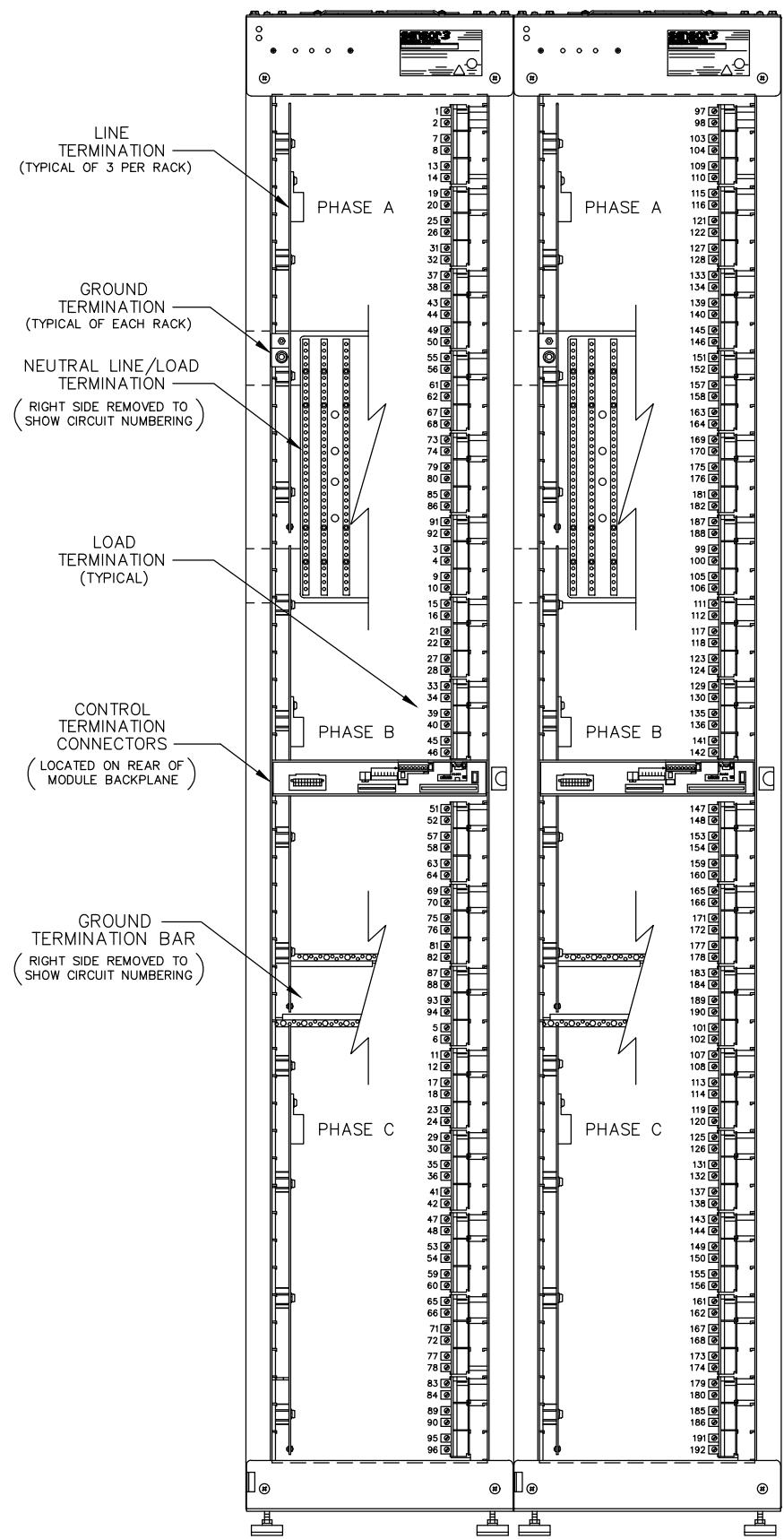
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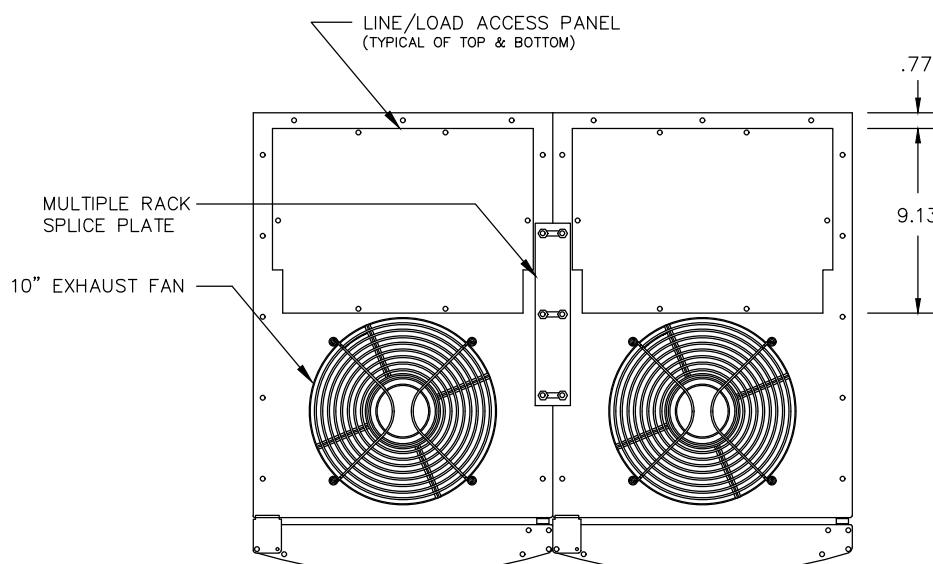
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FRONT VIEW

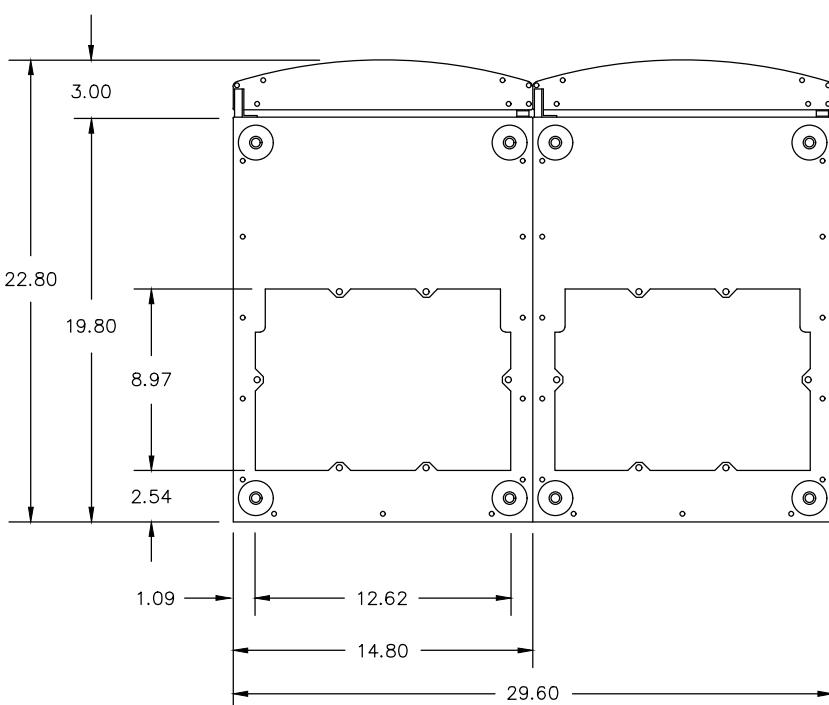
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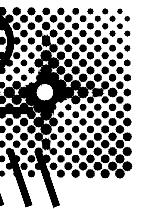
TOP VIEW



BOTTOM VIEW

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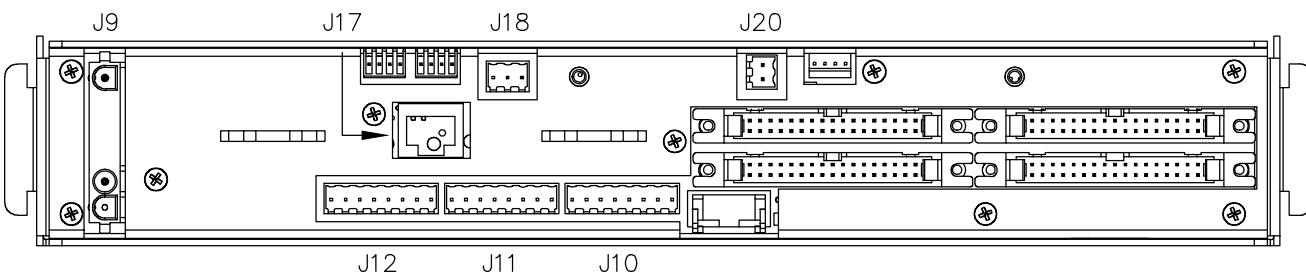
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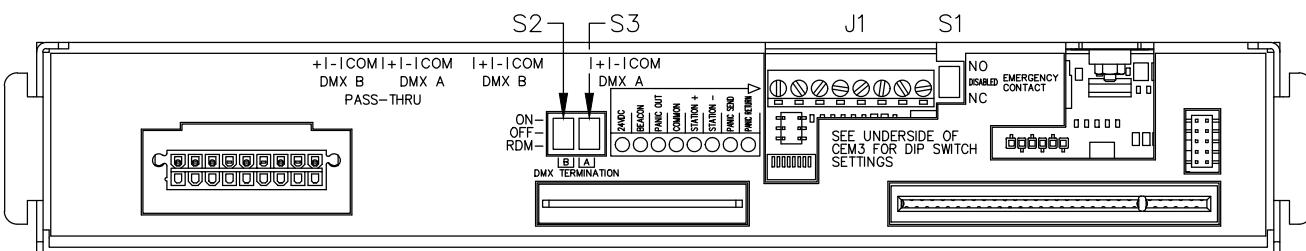
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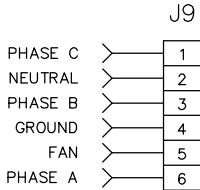
REAR OF ELECTRONICS MODULE BACKPLANE



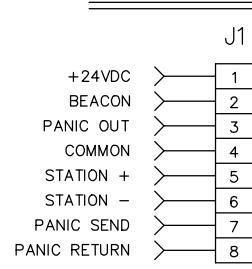
FRONT OF ELECTRONICS MODULE BACKPLANE



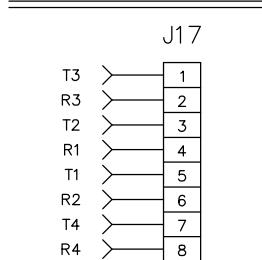
POWER CONNECTOR



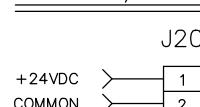
STATION/PANIC



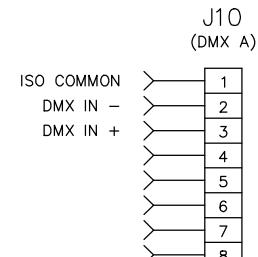
NETWORK CONNECTOR



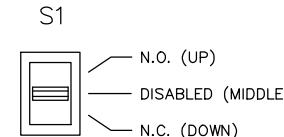
BATTERY/RIDE-THRU



DMX CONNECTORS



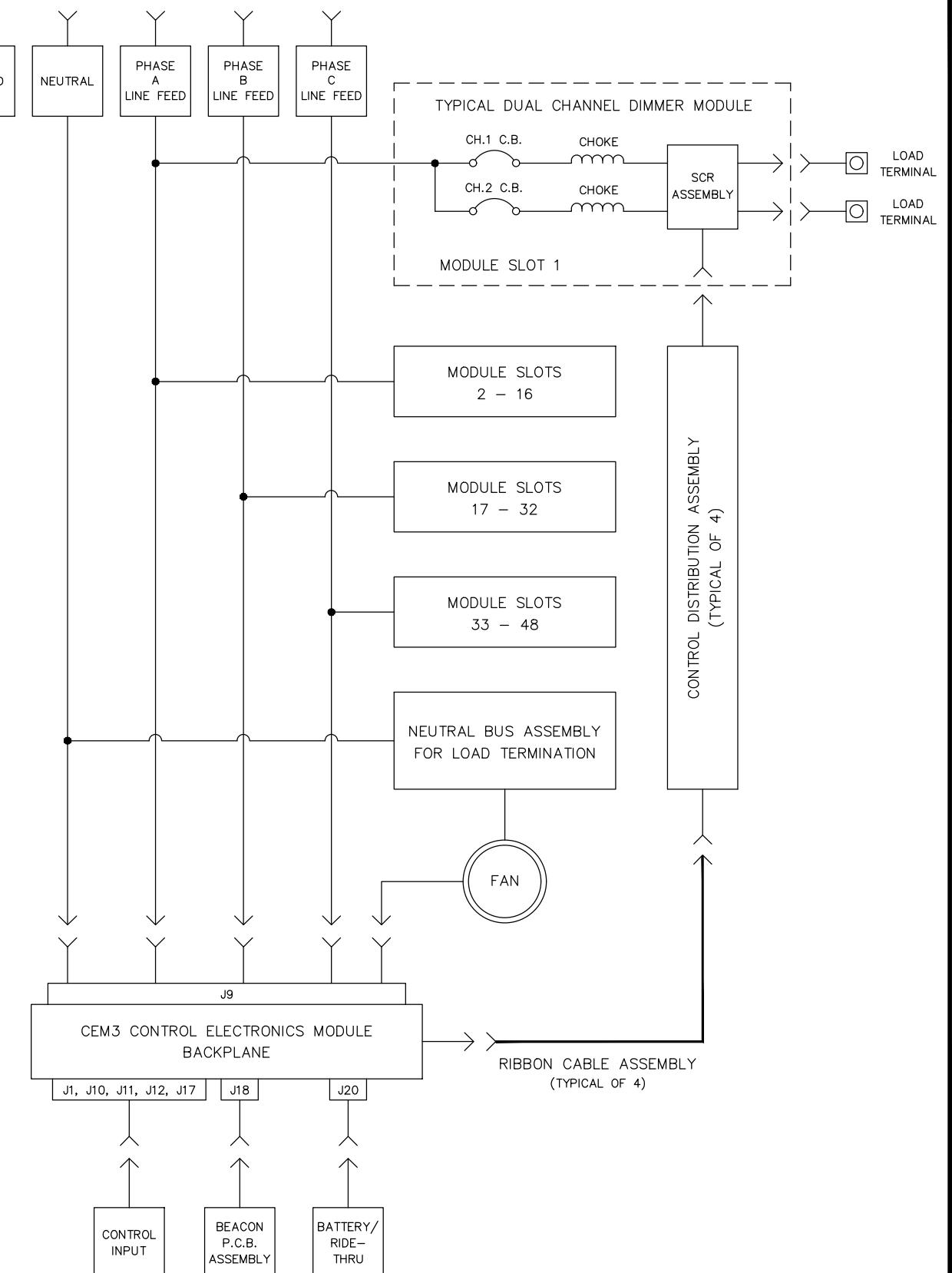
EMERGENCY CONTACT



DMX TERMINATION CHART

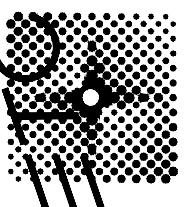
DMX SWITCH SETTING		
RACK	DMX B	DMX A
1	ON	OFF
2	ON	ON

SENSOR3 RACK ELECTRICAL DIAGRAM



Electronic Theatre Controls Inc

3031 Pleasant View Rd
PO Box 620979
Middleton WI 53562-0979
Tel 608 831 4116
Toll Free 800 688 4116
Fax 608 836 1736
www.eccconnect.com



UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

FILE NAME:

SR3-48-E.DWG

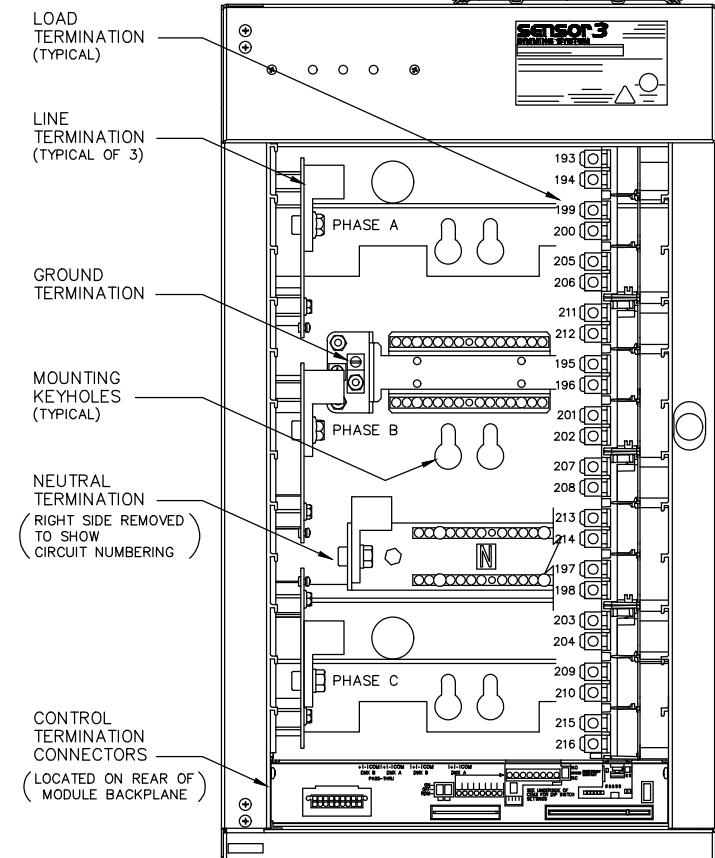
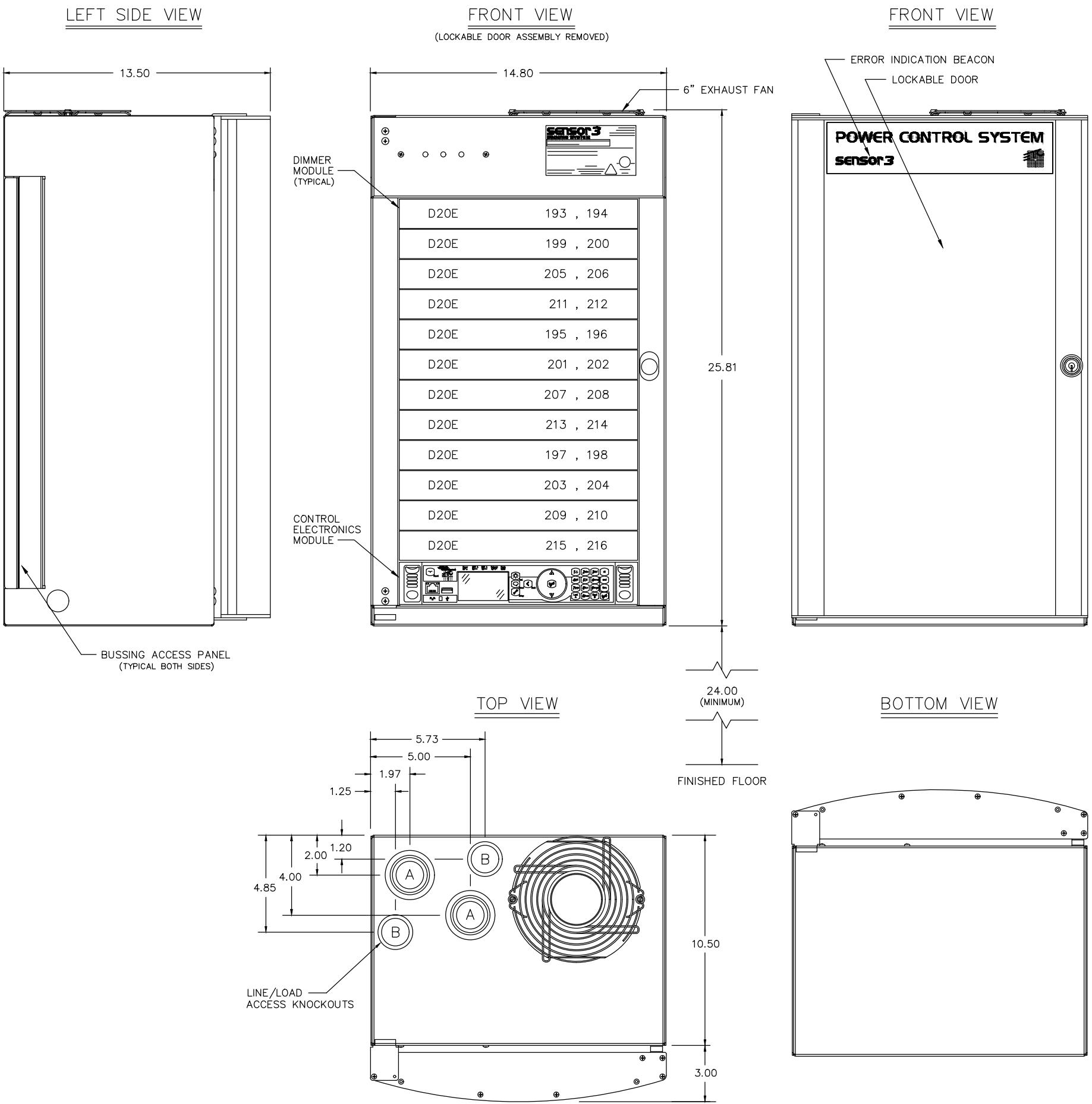
DRAWING: 15027855-08 REV. A TITLE: SENSOR3 SR3-48
DIMMER RACK - ELECTRICAL

AS - BUILT TW 12/9/13 TJ/NP JOB:
CONTRACT WITH: RICHARDSON HIGH SCHOOL
LOCATION: RICHARDSON, TEXAS

SUBMITTAL MAB 5/17/13 TJ/NP
REPRESENTATIVE: TEXAS SCENIC COMPANY

DWG. STATUS BY DATE APP'D.
DWG. 15027855-08 BY DATE APP'D.

REV. A TITLE: SENSOR3 SR3-48
DIMMER RACK - ELECTRICAL



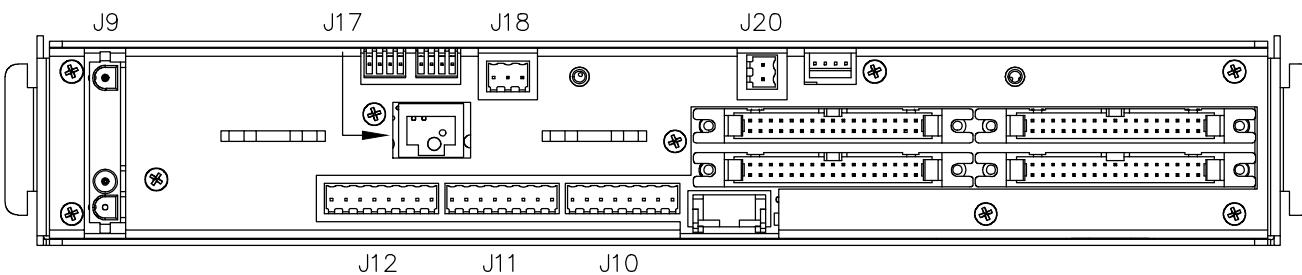
CONDUIT KNOCKOUT SIZES		
TYPE	CONDUIT RANGE	CLEARANCE RANGE
A	1", 1.25", 1.50", 2"	1.375", 1.75", 2", 2.50"
B	1", 1.25"	1.375", 1.75"

NOTES:

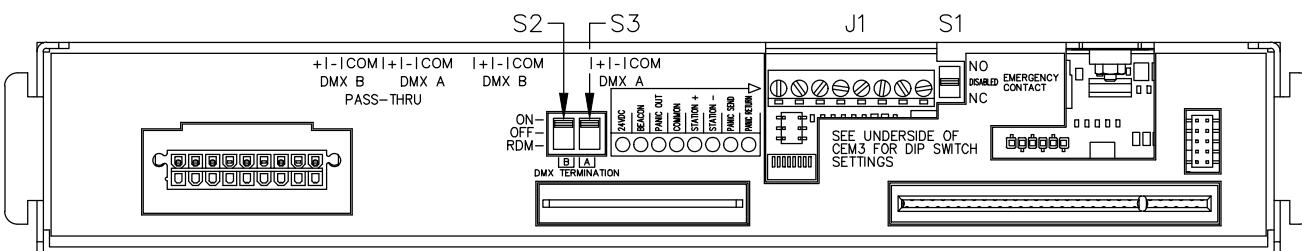
- 1.) DIMMER RACK ENCLOSURE IS 16 GA. FORMED STEEL FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.
- 2.) DIMMER RACK IS DESIGNED FOR FRONT ACCESS LOAD WIRING AND TOP OR BOTTOM FEED WIRING.
- 3.) 10" MINIMUM CLEARANCE REQUIRED ABOVE FAN FOR EXHAUST FROM DIMMER RACK.
- 4.) 6" MINIMUM CLEARANCE REQUIRED ON LEFT SIDE OF RACK FOR DOOR SWING & MODULE INSERTION/REMOVAL.
- 5.) BOTTOM OF DIMMER RACK MUST BE MOUNTED NO LESS THAN 24" ABOVE FINISHED FLOOR.
- 6.) DIMMER RACK SHORT CIRCUIT CURRENT RATING (SCCR) IS 100,000 AMPS.
- 7.) DIMMER RACK IS LISTED.

Electronic Theatre Controls Inc		3031 Pleasant View Rd PO Box 620979 Middleton WI 53562-0979 Tel 608 831 4116 Toll Free 800 688 4116 Fax 608 836 1736 www.etconnect.com	
		UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.	
AS - BUILT	TW	12/9/13	TJ/MP
CONTRACT WITH:	TEXAS SCENIC COMPANY	JOB:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS
SUBMITTAL	MAB	5/17/13	TJ/MP
DWG. STATUS	BY	DATE	REPRESENTATIVE: SPECTRUM LIGHTING
DRAWING:	15027855-09	REV. A	FILE NAME: SR3-12.DWG
TITLE: SENSOR3 SR3-12 WALL-MOUNTED DIMMER RACK - PHYSICAL			

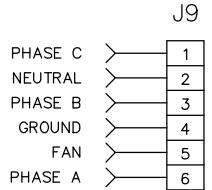
REAR OF ELECTRONICS MODULE BACKPLANE



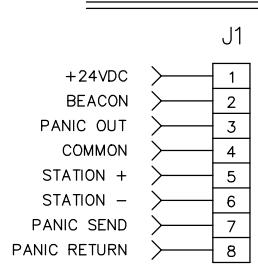
FRONT OF ELECTRONICS MODULE BACKPLANE



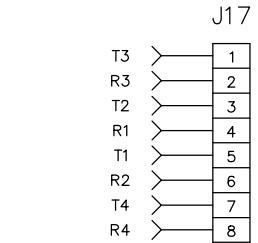
POWER CONNECTOR



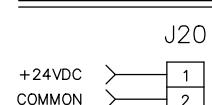
STATION/PANIC



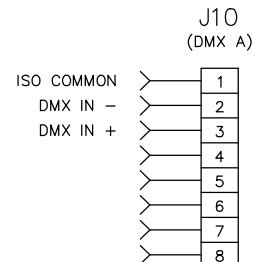
NETWORK CONNECTOR



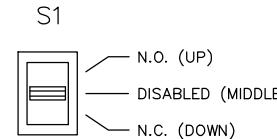
BATTERY/RIDE-THRU



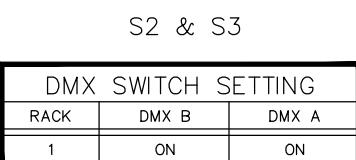
DMX CONNECTORS



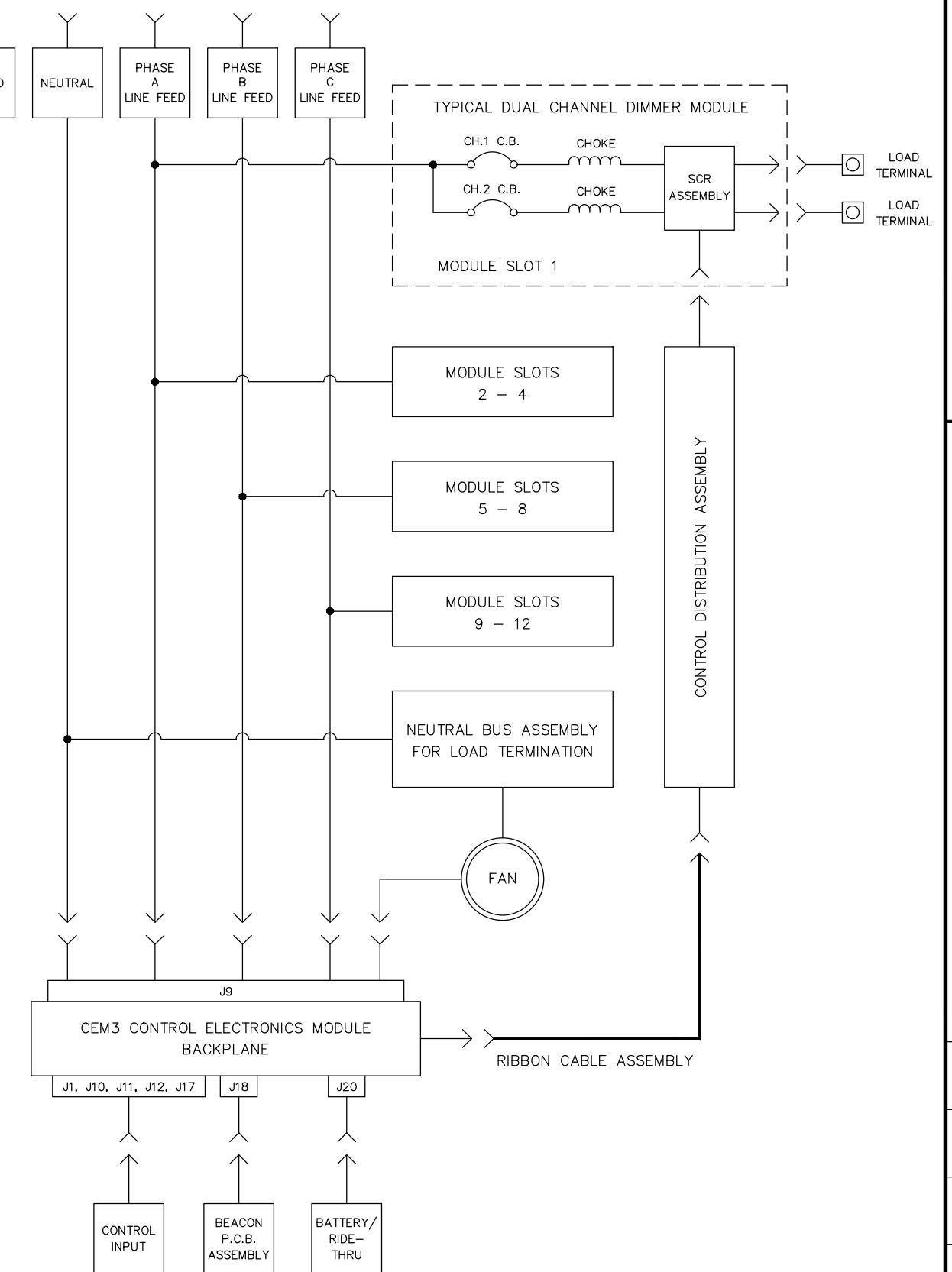
EMERGENCY CONTACT



DMX TERMINATION CHART

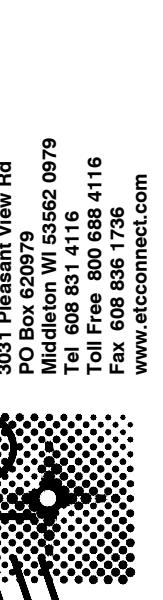


SENSOR3 RACK ELECTRICAL DIAGRAM



Electronic Theatre Controls Inc

3031 Pleasant View Rd
PO Box 620979
Middleton WI 53562-0979
Tel 608 831 4116
Toll Free 800 688 4116
Fax 608 836 1736
www.etcconnect.com



UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

FILE NAME:

SR3-12-E.DWG

RICHARDSON HIGH SCHOOL
RICHARDSON, TEXAS

CONTRACT WITH:

TEXAS SCENIC COMPANY

REPRESENTATIVE:

SPECTRUM LIGHTING

AS - BUILT TW 12/9/13 TJ/NP JOB:
LOCATION:

CONTRACT WITH:

TEXAS SCENIC COMPANY

REPRESENTATIVE:

SPECTRUM LIGHTING

SUBMITTAL MAB 5/17/13 TJ/NP

REPRESENTATIVE:

SPECTRUM LIGHTING

REPRESENTATIVE:

SPECTRUM LIGHTING

DRAWING:

15027855-10

REV.

A

BY

DATE

APP'D.

TITLE:

SENSOR3 SR3-12
WALL-MOUNTED DIMMER RACK - ELECTRICAL

PARTS LIST

ITEM	QTY.	DESCRIPTION	DESIGNATION	PART NUMBER
A	1	SENSOR3 SR3-12 WALL-MOUNTED DIMMER RACK, BLACK		7141A1001-4
B	2	SENSOR3 SR3-48 DIMMER RACK, BLACK		7141A1005-4
C	1	SENSOR3 SR12 DIMMER RACK DOOR ASSEMBLY, BLACK		7141A2004-4
D	2	SENSOR3 SR48 DIMMER RACK DOOR ASSEMBLY, BLACK		7141A2006-4
E	4	SENSOR3 CEM3 CONTROL ELECTRONICS MODULE	(1 SPARE)	7140A1001
F	112	SENSOR D20E DUAL 20A. (2.4 kW) DIMMER MODULE	(4 SPARE)	7050A1031
G	3	SENSOR3 CEM3 RIDE THRU POWER KIT		7140K1001
H	1	SENSOR SR48 MULTIPLE RACK SPLICE PLATE KIT, BLACK		7151K1001

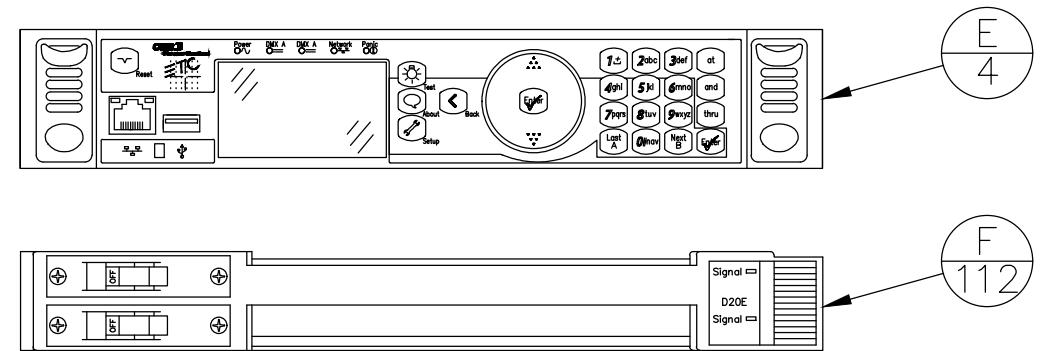
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UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

SENSOR MODULES

(FRONT VIEWS)

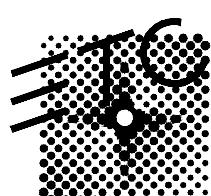


SENSOR CEM3
CONTROL ELECTRONICS MODULE

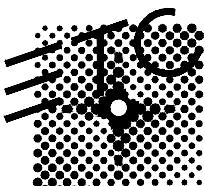
SENSOR D20E
DUAL 20A. (2.4 kW) DIMMER MODULE

AS - BUILT	TW	12/9/13	TJ/NP	JOB:	RICHARDSON HIGH SCHOOL
REVISION	CA	7/24/13	TJ/NP	LOCATION:	RICHARDSON, TEXAS
SUBMITTAL	MAB	5/17/13	TJ/NP	CONTRACT WITH:	TEXAS SCENIC COMPANY
DWG. STATUS	BY	DATE	APP'D.	REPRESENTATIVE:	SPECTRUM LIGHTING
DRAWING: 15027855-11	REV. B	12/9/13	TJ/NP	TITLE: SENSOR3 (BILL-OF-MATERIALS)	FILE NAME: SR3-BOM.DWG
					SENSOR3 (BILL-OF-MATERIALS) DIMMER RACK - PHYSICAL

DIMMER RACK DR-1							
DIMMER	CIRCUIT	CAPACITY	AREA SERVED	LOCATION	DEVICE	LOAD	FIXED/TEMP
1	1	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
2	2	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
3	3	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
4	4	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
5	5	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
6	6	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
7	7	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
8	8	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
9	9	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
10	10	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
11	11	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
12	12	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
13	13	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
14	14	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
15	15	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
16	16	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
17	17	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
18	18	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
19	19	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
20	20	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
21	21	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
22	22	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
23	23	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
24	24	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
25	25	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
26	26	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
27	27	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
28	28	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
29	29	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
30	30	2400watts	Stage Lighting	FOH 1	Dimmer	1150w	Temporary
31	31	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
32	32	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
33	33	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
34	34	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
35	35	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
36	36	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
37	37	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
38	38	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
39	39	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
40	40	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
41	41	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
42	42	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
43	43	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
44	44	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
45	45	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
46	46	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
47	47	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
48	48	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
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50	50	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
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57	57	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
58	58	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
59	59	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
60	60	2400watts	Stage Lighting	1st ELEC	Dimmer	1150w	Temporary
61	61	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
62	62	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
63	63	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
64	64	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
65	65	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
66	66	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
67	67	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
68	68	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
69	69	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
70	70	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
71	71	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
72	72	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
73	73	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
74	74	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
75	75	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
76	76	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
77	77	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
78	78	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
79	79	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
80	80	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
81	81	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
82	82	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
83	83	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
84	84	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
85	85	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
86	86	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
87	87	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
88	88	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
89	89	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
90	90	2400watts	Stage Lighting	2nd ELEC	Dimmer	1150w	Temporary
91	91	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w	Temporary
92	92	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w	Temporary
93	93	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w	Temporary
94	94	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w	Temporary
95	95	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w	Temporary
96	96	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w	Temporary

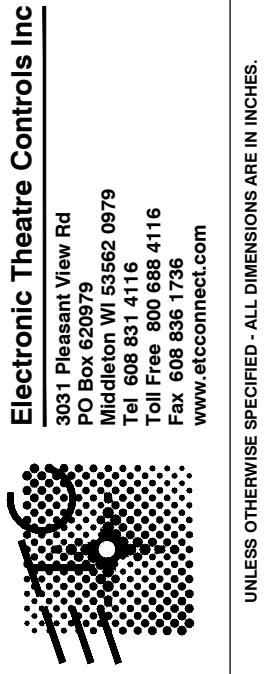
AS - BUILT	TW	12/9/13	TJ/MP	JOB: RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS	 <p>Electronic Theatre Controls Inc</p> <p>3031 Pleasant View Rd PO Box 620979 Middleton WI 53562 0979 Tel 608 831 4116 Toll Free 800 688 4116 Fax 608 836 1736 www.etccompany.com</p>
REVISION B	CA	7/24/13	TJ/MP	CONTRACT WITH: TEXAS SCENIC COMPANY	
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE: SPECTRUM LIGHTING	
DWG. STATUS	BY	DATE	APPD.	FILE NAME: DIMMER- SCHEDULE-VERT.DWG	
DRAWING: 15027855-12				REV. B TITLE: DR-1 LOAD SCHEDULE UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.	

DIMMER RACK DR-2						
DIMMER	CIRCUIT	CAPACITY	AREA SERVED	LOCATION	DEVICE	LOAD
1	97	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
2	98	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
3	99	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
4	100	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
5	101	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
6	102	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
7	103	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
8	104	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
9	105	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
10	106	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
11	107	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
12	108	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
13	109	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
14	110	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
15	111	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
16	112	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
17	113	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
18	114	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
19	115	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
20	116	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
21	117	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
22	118	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
23	119	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
24	120	2400watts	Stage Lighting	3rd ELEC	Dimmer	1150w Temporary
25	121	2400watts	Stage Lighting	Wall Box	Dimmer	1150w Temporary
26	122	2400watts	Stage Lighting	Wall Box	Dimmer	1150w Temporary
27	123	2400watts	Stage Lighting	Wall Box	Dimmer	1150w Temporary
28	124	2400watts	Stage Lighting	Wall Box	Dimmer	1150w Temporary
29	125	2400watts	Stage Lighting	Wall Box	Dimmer	1150w Temporary
30	126	2400watts	Stage Lighting	Wall Box	Dimmer	1150w Temporary
31	127	2400watts	Stage Lighting	Floor Pocket	Dimmer	1150w Temporary
32	128	2400watts	Stage Lighting	Floor Pocket	Dimmer	1150w Temporary
33	129	2400watts	Stage Lighting	Floor Pocket	Dimmer	1150w Temporary
34	130	2400watts	Stage Lighting	Floor Pocket	Dimmer	1150w Temporary
35	131	2400watts	Stage Lighting	Floor Pocket	Dimmer	1150w Temporary
36	132	2400watts	Stage Lighting	Floor Pocket	Dimmer	1150w Temporary
37	133	2400watts	Stage Lighting	Floor Pocket	Dimmer	1150w Temporary
38	134	2400watts	Stage Lighting	Floor Pocket	Dimmer	1150w Temporary
39	135	2400watts	Stage Lighting	Floor Pocket	Dimmer	1150w Temporary
40	136	2400watts	Stage Lighting	Floor Pocket	Dimmer	1150w Temporary
41	137	2400watts	Stage Lighting	Floor Pocket	Dimmer	1150w Temporary
42	138	2400watts	Stage Lighting	Floor Pocket	Dimmer	1150w Temporary
43	139	2400watts	Stage Lighting	Catwalk Running	Dimmer	1150w Temporary
44	140	2400watts	Stage Lighting	1st ELEC WL	Dimmer	1150w Temporary
45	141	2400watts	Stage Lighting	2nd ELEC WL	Dimmer	1150w Temporary
46	142	2400watts	Stage Lighting	3rd ELEC WL	Dimmer	1150w Temporary
47	143	2400watts	Stage Lighting	Stage Running	Dimmer	1150w Temporary
48	144	2400watts	Stage Lighting	Stage Running	Dimmer	1150w Temporary
49	145	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
50	146	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
51	147	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
52	148	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
53	149	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
54	150	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
55	151	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
56	152	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
57	153	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
58	154	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
59	155	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
60	156	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
61	157	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
62	158	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
63	159	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
64	160	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
65	161	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
66	162	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
67	163	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
68	164	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
69	165	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
70	166	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
71	167	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
72	168	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
73	169	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
74	170	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
75	171	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
76	172	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
77	173	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
78	174	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
79	175	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
80	176	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
81	177	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
82	178	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
83	179	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
84	180	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
85	181	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
86	182	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
87	183	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
88	184	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
89	185	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
90	186	2400watts	Reserved for Architectural Lighting		Dimmer	1150w Temporary
91	187	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D. Permanent
92	188	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D. Permanent
93	189	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D. Permanent
94	190	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D. Permanent
95	191	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D. Permanent
96	192	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D. Permanent

AS - BUILT	TW	12/9/13	TJ/MP	JOB: RICHARDSON HIGH SCHOOL LOCATION: RICHARDSON, TEXAS	 <p>Electronic Theatre Controls Inc 3031 Pleasant View Rd PO Box 620979 Middleton WI 53562 0979 Tel 608 831 4116 Toll Free 800 688 4116 Fax 608 836 1736 www.etccompany.com</p>
REVISION B	CA	7/24/13	TJ/MP	CONTRACT WITH: TEXAS SCENIC COMPANY	
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE: SPECTRUM LIGHTING	
DWG. STATUS	BY	DATE	APPD.	FILE NAME: DIMMER— SCHEDULE—VERT.DWG	
DRAWING:	15027855-13	REV. B	TITLE: DR-2 LOAD SCHEDULE	UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.	

DIMMER RACK DR-3

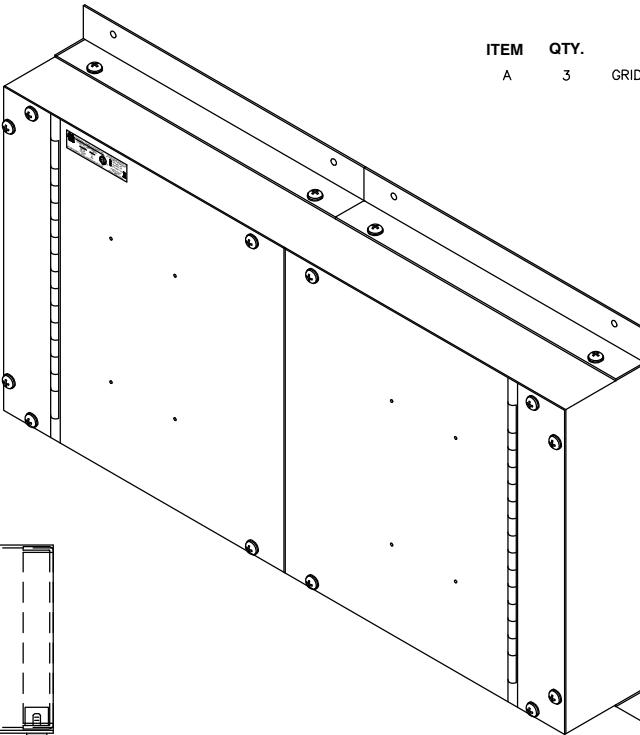
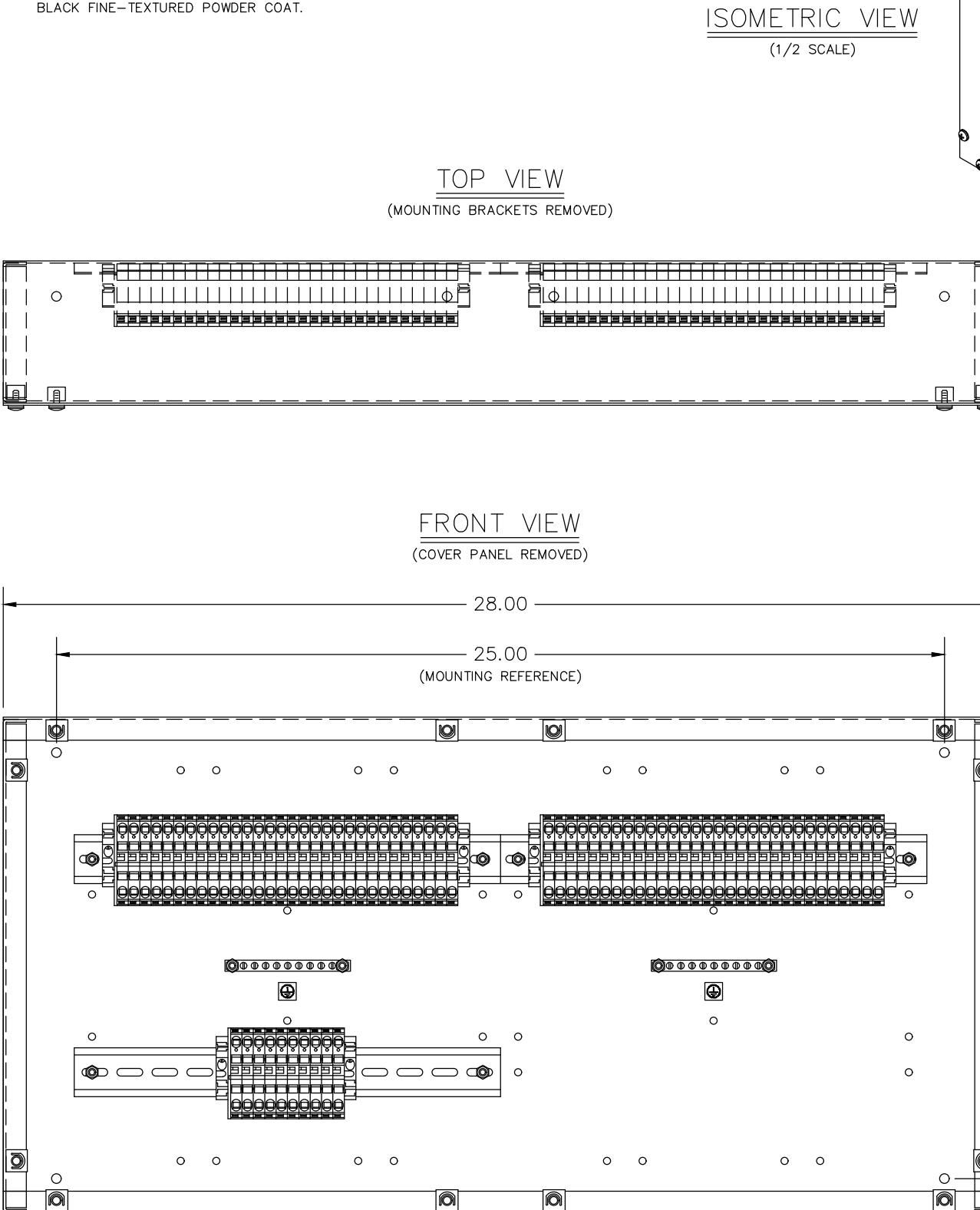
DIMMER	CIRCUIT	CAPACITY	AREA SERVED	LOCATION	DEVICE	LOAD	FIXED/TEMP
1	193	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
2	194	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
3	195	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
4	196	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
5	197	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
6	198	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
7	199	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
8	200	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
9	201	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
10	202	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
11	203	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
12	204	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
13	205	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
14	206	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
15	207	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
16	208	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
17	209	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
18	210	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
19	211	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
20	212	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
21	213	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
22	214	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
23	215	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent
24	216	2400watts	Reserved for Architectural Lighting		Dimmer	T.B.D.	Permanent



AS - BUILT	TW	12/9/13	TJ/MP	JOB: LOCATION:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS	CONTRACT WITH: TEXAS SCENIC COMPANY	REPRESENTATIVE: SPECTRUM LIGHTING	FILE NAME: DIMMER- SCHEDULE-REF.DWG
SUBMITTAL	MAB	5/17/13	TJ/MP					
DWG. STATUS	BY	DATE	APP'D.	REV.	TITLE: DR-3 LOAD SCHEDULE			
DRAWING:	15027855-14			A				

NOTES:

- 1.) GRIDIRON JUNCTION BOX IS  LISTED.
- 2.) GRIDIRON JUNCTION BOX SHELL AND COVER PANEL ARE 16 GA. STEEL. END CAPS ARE 14 GA. STEEL. ALL ARE FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.

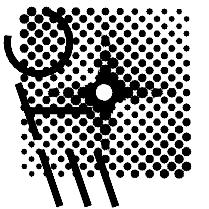


PARTS LIST

ITEM	QTY.	DESCRIPTION	DESIGNATION	PART NUMBER
A	3	GRIDIRON JUNCTION BOX; 35-CIRCUIT, 9735		7099A1735

Electronic Theatre Controls Inc

3031 Pleasant View Rd
PO Box 620979
Middleton WI 53562-0979
Tel 608 831 4116
Toll Free 800 688 4116
Fax 608 836 1736
www.etconnect.com



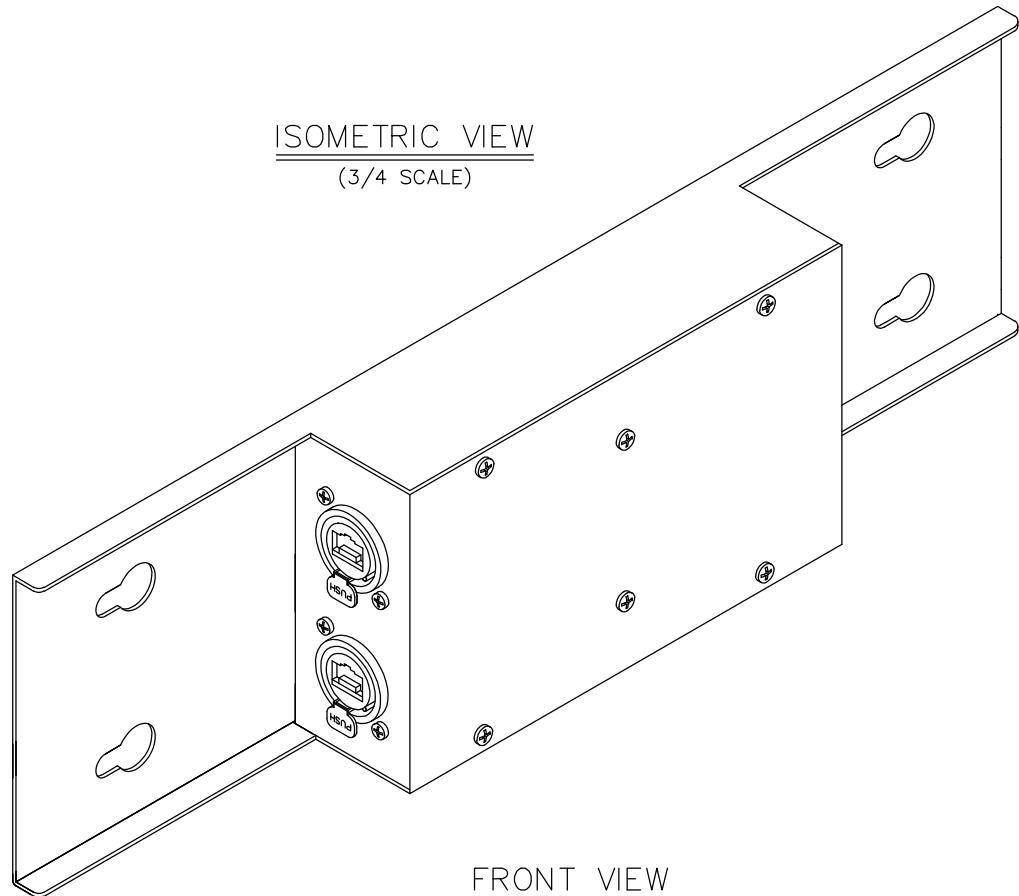
UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

9735.DWG

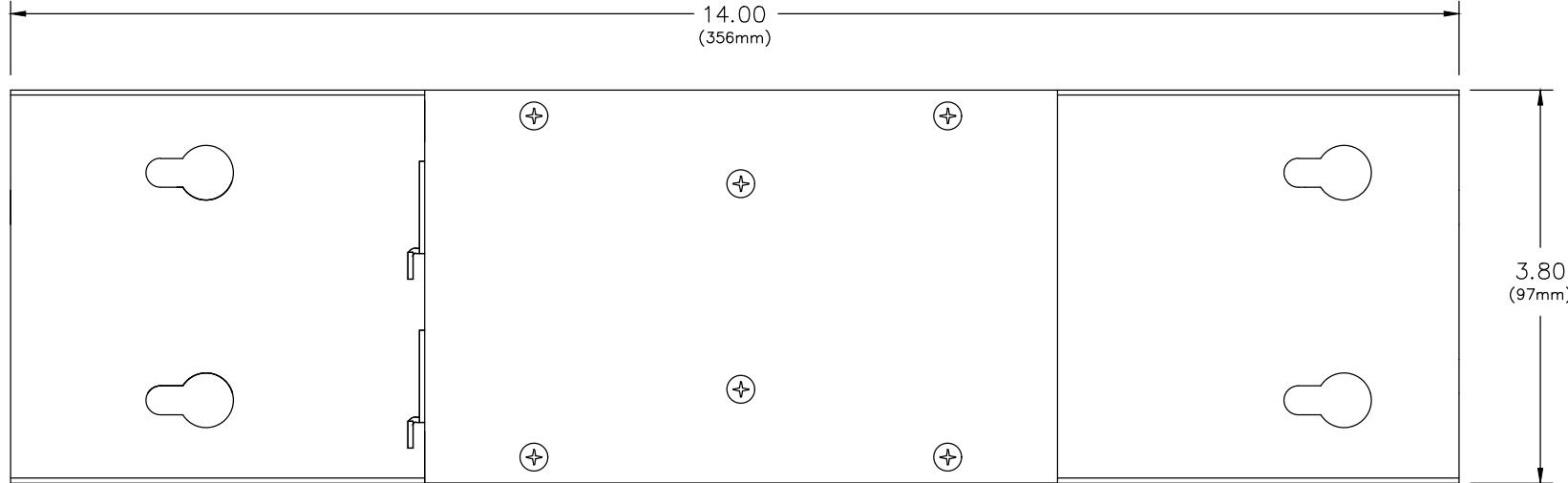
CIRCUIT DESIGNATION				
TERMINAL	AMPERAGE	1st ELEC CIRCUIT #	2nd ELEC CIRCUIT #	3rd ELEC CIRCUIT #
1	20	43	73	103
	20	44	74	104
	20	45	75	105
	20	46	76	106
	20	47	77	107
	20	48	78	108
	20	49	79	109
	20	50	80	110
	20	51	81	111
	20	52	82	112
	20	53	83	113
	20	54	84	114
	20	55	85	115
	20	56	86	116
	20	57	87	117
31	20	58	88	118
	20	59	89	119
	20	60	90	120
	20	61	91	121
	20	62	92	122
	20	63	93	123
	20	64	94	124
	20	65	95	125
	20	66	96	126
	20	67	97	127
	20	68	98	128
	20	69	99	129
	20	70	100	130
	20	71	101	131
	20	72	102	132
61	20	140W	141W	142W
	20	-	-	-
	20	-	-	-
	20	-	-	-
	20	-	-	-
70	20	-	-	-

AS - BUILT	TW	12/9/13	TJ/MP	JOB:	LOCATION:
REVISION B	CA	7/24/13	TJ/MP	CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APP'D.	FILE NAME:	9735
DRAWING:	15027855-15	REV. B	DATE	TITLE:	GRIDIRON JUNCTION BOX - PHYSICAL

ISOMETRIC VIEW
(3/4 SCALE)



FRONT VIEW



BOTTOM VIEW



PARTS LIST

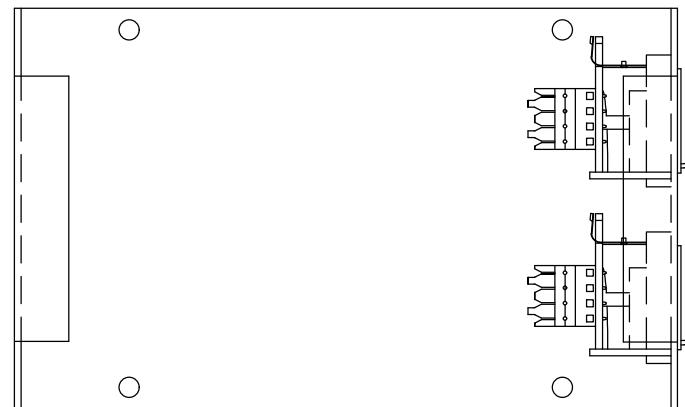
ITEM	QTY.	DESCRIPTION
A	3	ETCNet GRIDBOX 2NET/2SR

DESIGNATION
(CONDUIT READY)
PART NUMBER
7099A1703-2

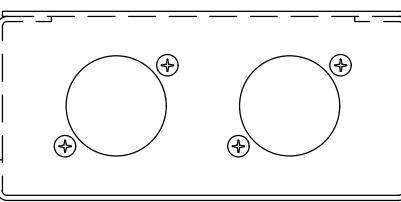
NOTES:

- 1.) ETCNet GRIDIRON JUNCTION BOX IS CONSTRUCTED OF 16 GA. (.06) STEEL AND IS FINISHED IN A BLACK FINE-TEXTURED BAKED POWDER COAT.
- 2.) CONVENIENT MOUNTING KEYHOLES HAVE BEEN PROVIDED FOR EASE OF ATTACHMENT TO GRIDIRON JUNCTION BOX. (CAN ALSO BE MOUNTED INDEPENDENTLY ON WALL.)

REAR VIEW OF COVER



SIDE VIEW



Electronic Theatre Controls Inc

3031 Pleasant View Rd
PO Box 620979
Middleton WI 53562-0979
Tel 608 831 4116
Toll Free 800 688 4116
Fax 608 836 1736
www.etcconnect.com

RICHARDSON HIGH SCHOOL
RICHARDSON, TEXAS
CONTRACT WITH:
TEXAS SCENIC COMPANY

REPRESENTATIVE:
SPECTRUM LIGHTING

UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

FILE NAME:
9700 ETCNET.DWG

DRAWING: 15027855-16 REV. B TITLE: ETCNet GRIDIRON JUNCTION BOX - PHYSICAL

AS - BUILT TW 12/9/13 TJ/NP JOB: RICHARDSON HIGH SCHOOL
LOCATION: RICHARDSON, TEXAS

REVISION B CA 7/24/13 TJ/NP CONTRACT WITH: TEXAS SCENIC COMPANY

REPRESENTATIVE:
SPECTRUM LIGHTING

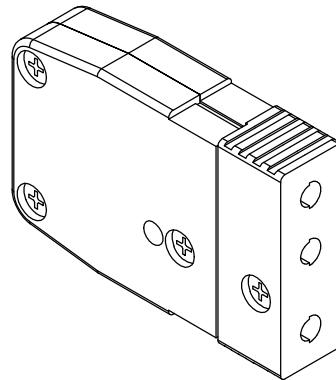
SUBMITTAL MAB 5/17/13 TJ/NP

FILE NAME:
9700 ETCNET.DWG

DWG. STATUS BY DATE APPD.

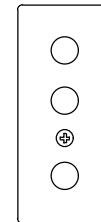
GROUNDED PIN CONNECTOR (GPC)

(SCALE 28:1)



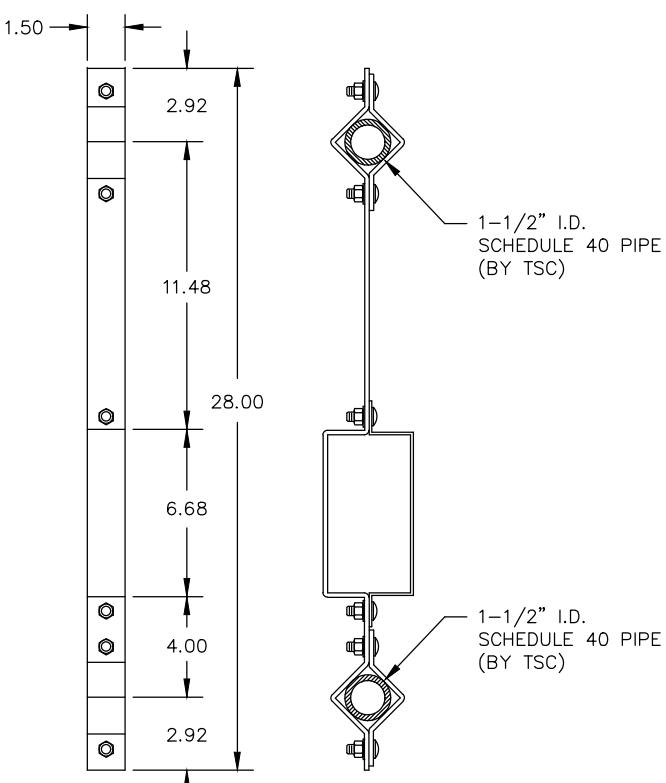
GROUNDED PIN CONNECTOR (GPC)

(SCALE 28:1)



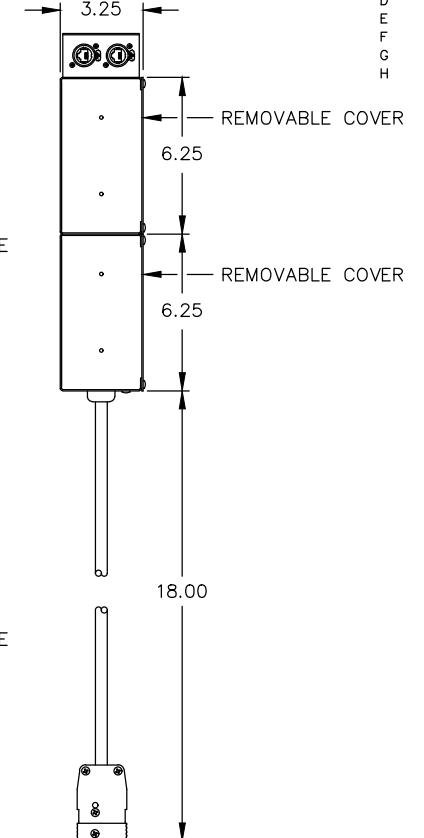
HANGER BRACKET

(SCALE 7:1)



LEFT SIDE VIEW

(SCALE 7:1)



PARTS LIST

ITEM	QTY.	DESCRIPTION
A	3	15027855-17-A 1ST THRU 3RD ELEC
B	39	DOUBLE-PIPE HANGER BRACKET ASSEMBLY
C	3	DOUBLE-PIPE TERMINAL BOX HANGER BRACKET
D	450'	CABLE 12/37 SO
E	12	CABLE CRADLE, UNIVERSAL
F	6	CABLE SUPPORT GRIP SINGLE EYE
G	12	STRAIN RELIEF 1.50 TO 1.70 DIA
H	6	CBL 75' TWISTED PAIR

DESIGNATION
(TYPE 22)
(NOT SHOWN)
(2 RUNS @ 75')
(NOT SHOWN)
(NOT SHOWN)
(NOT SHOWN)
(NOT SHOWN)

PART NUMBER
TL27855-DIST1
7099A1022
7099A1023
W717
PSE8804
HW6204
HW637
N4030

NOTES:

- 1.) CONNECTOR STRIP TROUGH AND COVER ARE 18 GA. STEEL. END CAPS ARE 14 GA. STEEL. ALL ARE FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.
- 2.) HANGER BRACKETS ARE 7 GA. STEEL FINISHED IN A BLACK FINE-TEXTURED POWDER COAT. INDICATED QUANTITY OF BRACKETS SHALL BE PLACED NO GREATER THAN 5'-0" APART ALONG THE LENGTH OF THE CONNECTOR STRIP.
- 3.) CIRCUITS ARE DESIGNATED WITH 2.00" BLACK LEXAN LABELS WITH WHITE TEXT.
- 4.) CONNECTOR STRIP IS LISTED.

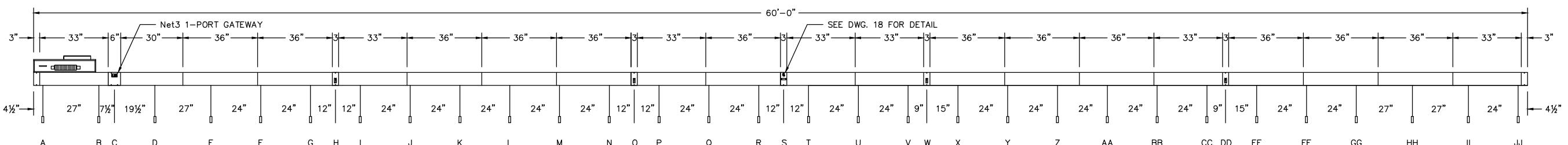
Electronic Theatre Controls Inc

3031 Pleasant View Rd
PO Box 620979
Middleton WI 53562-0979
Tel 608 831 4116
Toll Free 800 688 4116
Fax 608 836 1736
www.eccconnect.com

UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

MODEL #9960-(30BP/30)(4BO/1)(1N31G)(1N)-L

COVER VIEW



CIRCUIT DESIGNATION

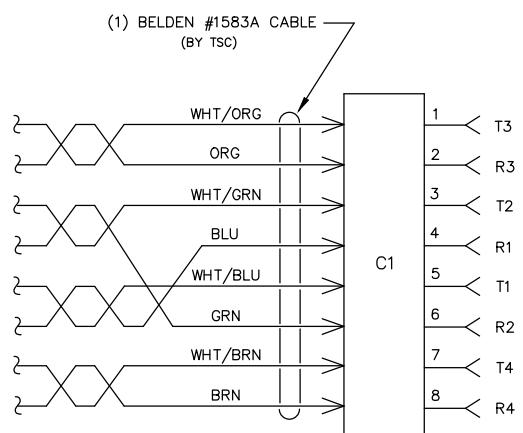
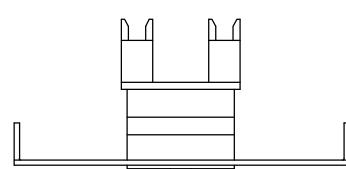
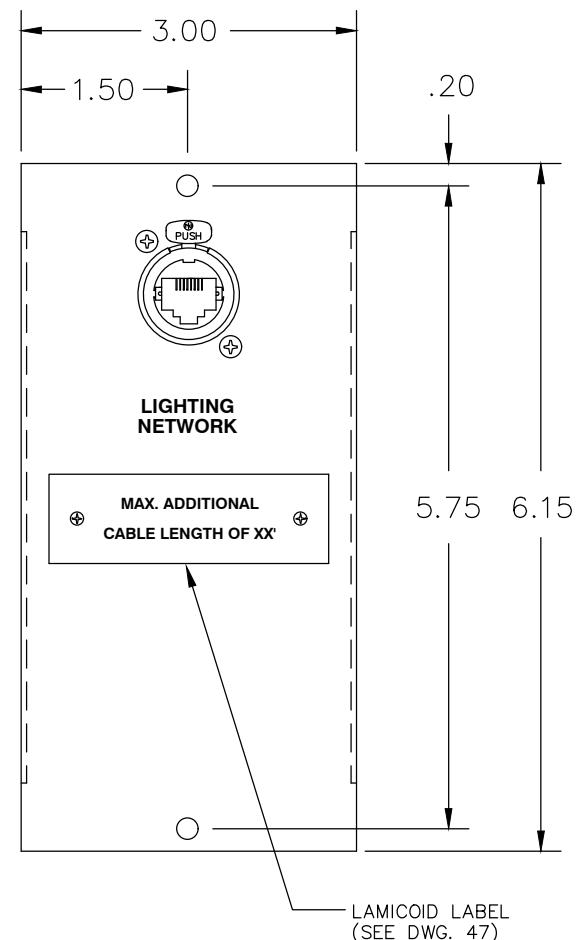
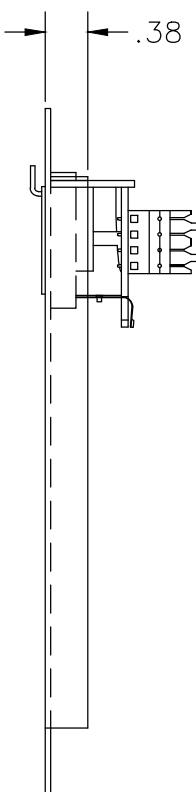
OUTLET DESIGNATION

CONNECTOR STRIP #	LOCATION	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)	(BB)	(CC)	(DD)	(EE)	(FF)	(GG)	(HH)	(II)	(JJ)
(1)	1st ELECTRIC	31	32	N31G	33	34	35	36	140W	37	38	39	40	41	42	140W	43	44	45	NET	34	35	36	140W	49	50	51	52	53	54	140W	55	56	57	58	59	60
(2)	2nd ELECTRIC	61	62	N31G	63	64	65	66	141W	67	68	69	70	71	72	141W	73	74	75	NET	76	77	78	141W	79	80	81	82	83	84	141W	85	86	87	88	89	90
(3)	3rd ELECTRIC	91	92	N31G	93	94	95	96	142W	97	98	99	100	101	102	142W	103	104	105	NET	106	107	108	142W	109	110	111	112	113	114	142W	115	116	117	118	119	120

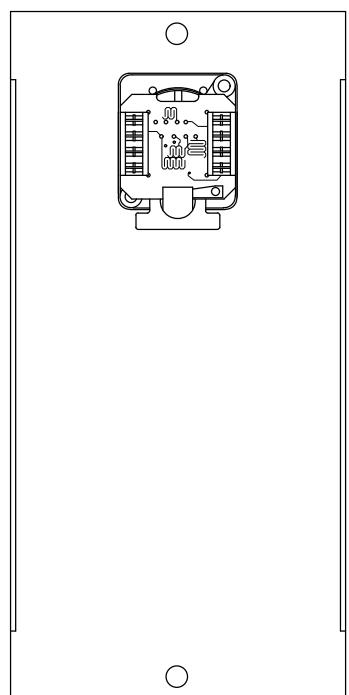
AS - BUILT	TW	12/9/13	TJ/MP	JOB:	RICHARDSON HIGH SCHOOL
REVISION B	CA	7/24/13	TJ/MP	LOCATION:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MP	CONTRACT WITH:	
DWG. STATUS	BY	DATE	APP'D.	REPRESENTATIVE:	SPECTRUM LIGHTING
DRAWING: 15027855-17	REV. B	12/9/13	TJ/MP	TITLE: 1st THRU 3rd ELECTRIC CONNECTOR STRIP - PHYSICAL	FILE NAME: 9960-P.DWG

PARTS LIST

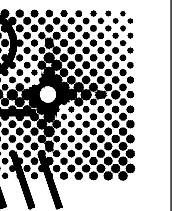
ITEM	QTY.	DESCRIPTION	DESIGNATION	PART NUMBER
*	3	15027855-18-A1 ETCNet DATA PANEL	(INSTALLED ON STRIP)	TL27855-DIST1A1

ELECTRICAL DIAGRAMTOP VIEWFRONT VIEWSIDE VIEWNOTES:

- 1.) PANEL IS CONSTRUCTED OF 18 GA. (.048) STEEL AND IS FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.
- 2.) ALL NOMENCLATURE IS ENGRAVED IN WHITE.
- 3.) ETCNet LAMICOID LABEL IS SHOWN FOR REFERENCE ONLY. LAMICOID LABEL DOES NOT SHIP ATTACHED TO PANEL.

REAR VIEWElectronic Theatre Controls Inc

3031 Pleasant View Rd
PO Box 620979
Middleton WI 53562-0979
Tel 608 831 4116
Toll Free 800 688 4116
Fax 608 836 1736
www.etcconnect.com

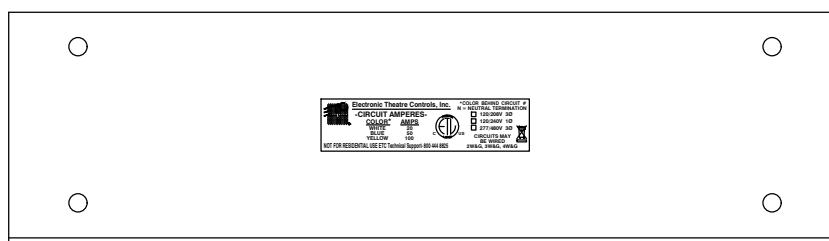
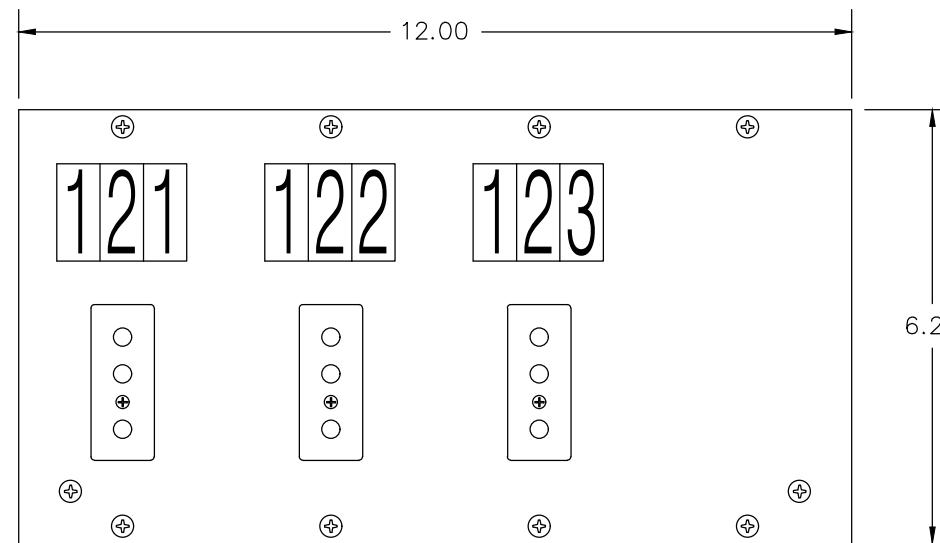
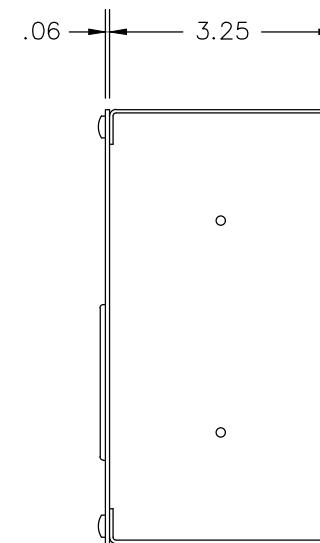


UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

AS - BUILT	TW	12/9/13	TJ/NP	JOB: LOCATION:
				CONTRACT WITH: RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS
REVISION B	CA	7/24/13	TJ/NP	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/NP	REPRESENTATIVE: SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APPD.	FILE NAME: 9900 ETCNET.DWG
DRAWING: 15027855-18	REV. B	TITLE: ETCNet DATA PANEL	— PHYSICAL & ELECTRICAL	

PARTS LIST

ITEM	QTY.	DESCRIPTION	DESIGNATION	PART NUMBER
A	2	OUTLET BOX; SURFACE-MOUNT, 9103B, GPC		7099A1103B

TOP VIEWMODEL #9103BFRONT VIEWSIDE VIEWNOTES:

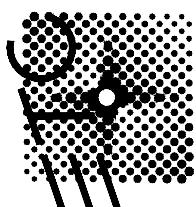
- 1.) OUTLET BOX IS  LISTED.
- 2.) OUTLET BOX SHELL IS 18 GA. STEEL.
END CAPS ARE 14 GA. STEEL AND COVER
PANEL IS 16 GA. STEEL. ALL ARE FINISHED
IN A BLACK FINE-TEXTURED POWDER COAT.
- 3.) CIRCUITS ARE DESIGNATED WITH 1.40" BLACK
LEXAN LABELS WITH 1.25" WHITE TEXT.

CIRCUIT DESIGNATION

BOX #	LOCATION	OUTLET #		
		(1)	(2)	(3)
WB1	STAGE LEFT	121	122	123
WB2	STAGE RIGHT	124	125	126

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UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

AS - BUILT	TW	12/9/13	TJ/MF	JOB: LOCATION:
REVISION B	CA	7/24/13	TJ/MF	CONTRACT WITH: TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MF	REPRESENTATIVE: SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APP'D.	FILE NAME: 9103.DWG
DRAWING:	15027855-19	REV. B	TITLE: 9103B OUTLET BOX - PHYSICAL	

TOP VIEW
(HINGED DOOR SHOWN CLOSED)

MODEL #8503B/1A

PARTS LIST				
ITEM	QTY.	DESCRIPTION	DESIGNATION	PART NUMBER
A	4	FLOOR POCKET WELDMENT (HOUSING)	_____	PSD8519
B	4	HINGED FLOOR PLATE (COVER)	_____	PSD8518
C	4	15027855-20-C 8503B/1AD FP INSERT	_____	TL27855-DIST2

NOTES:

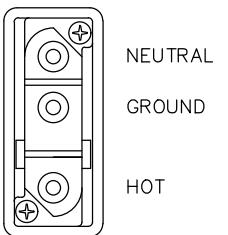
- 1.) FLOOR POCKET IS  LISTED.
 - 2.) FLOOR POCKET CONSISTS OF ONE 16 GA. STEEL HOUSING AND ONE 3/8" GRADE 30 CAST IRON HINGED FLOOR PLATE (COVER). FLOOR PLATE HAS A SKID-PROOF SURFACE AND FOUR CABLE ACCESS HOLES AS SHOWN. FLOOR PLATE ATTACHES TO THE FLOOR WITH FOUR WOOD SCREWS (PROVIDED BY OTHERS). FLOOR POCKET HOUSING AND FLOOR PLATE ARE FINISHED IN A BLACK LOW-GLOSS COAT.
 - 3.) FLOOR POCKET CONTAINS ONE RECEPTACLE INSERT PLATE AND ONE RECEPTACLE MOUNTING PLATE. BOTH ARE CONSTRUCTED OF 16 GA. STEEL AND ARE FINISHED IN A BLACK FINE-TEXTURED BAKED POWDER COAT.
 - 4.) CIRCUITS ARE DESIGNATED WITH 3/4" BLACK LEXAN LABELS WITH 9/16" WHITE TEXT.

CIRCUIT DESIGNATION

FLOOR POCKET #	LOCATION	OUTLET #			
		(1)	(2)	(3)	(4)
FP1	-----	127	128	129	
FP2	-----	130	131	132	
FP3	-----	133	134	135	
FP4	-----	136	137	138	

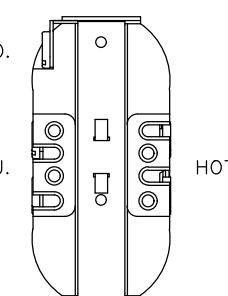
GROUNDED PIN CONNECTOR

(REAR VIEW - SCALE 2:1)



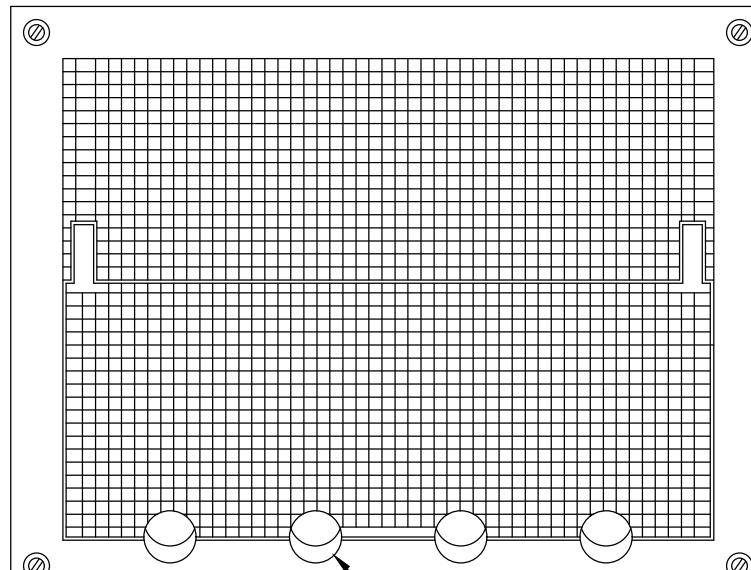
EDISON DUPLEX (PBG) CONNECTOR

(REAR VIEW = SCALE 2:1)

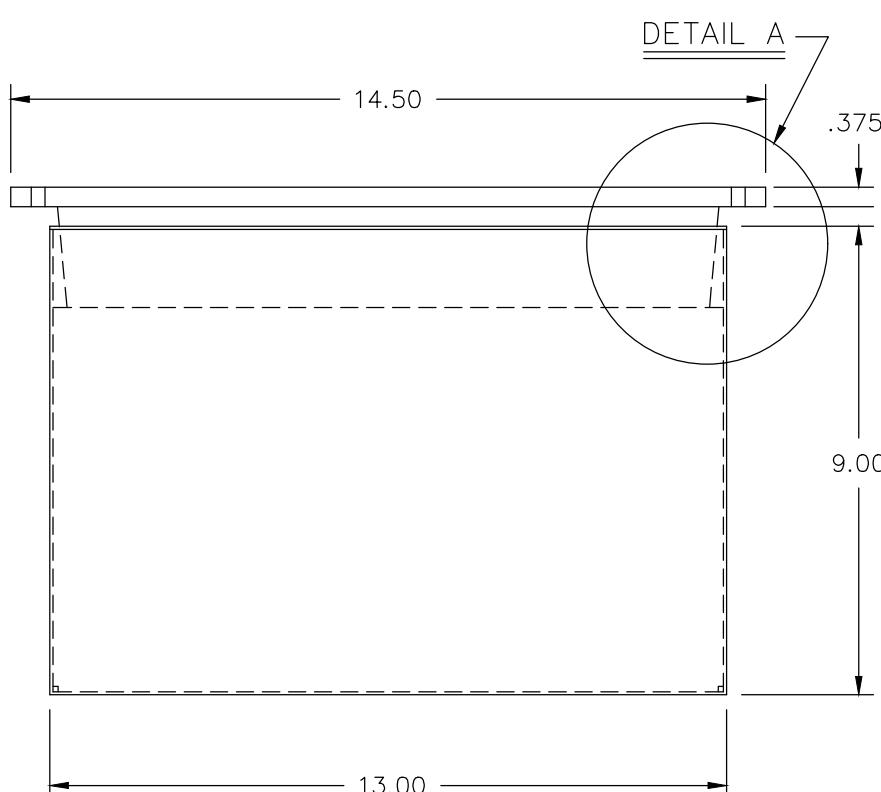


FRONT VIEW
HINGED DOOR SHOWN CLOSED)

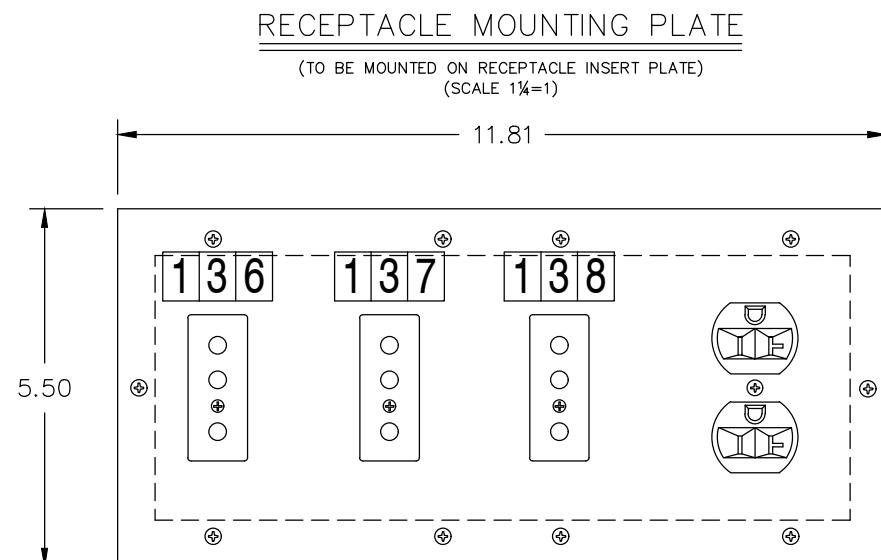
SIDE VIEW



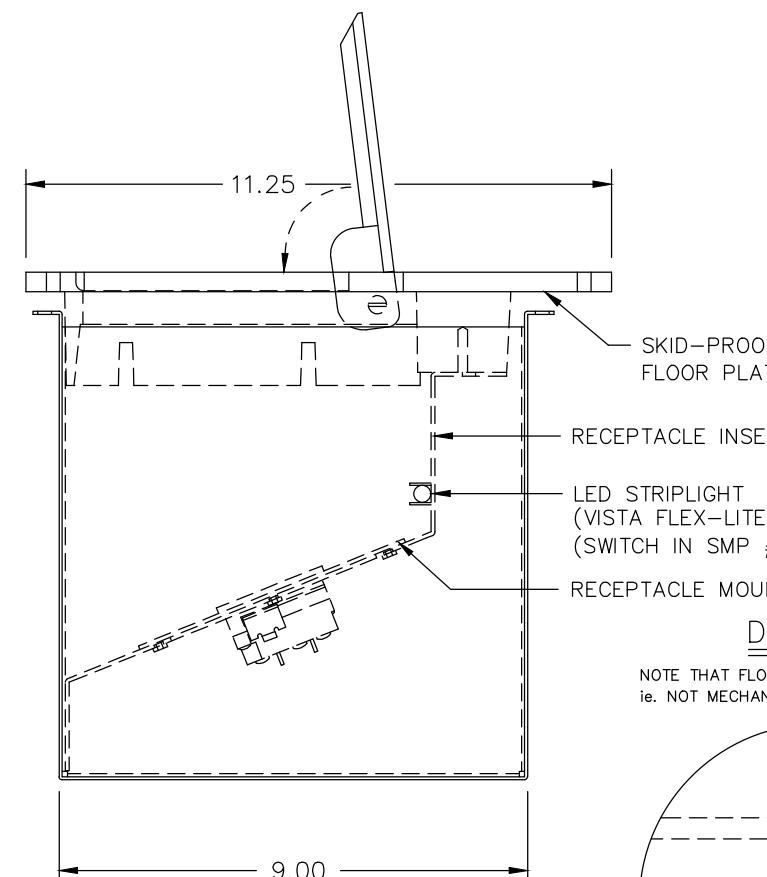
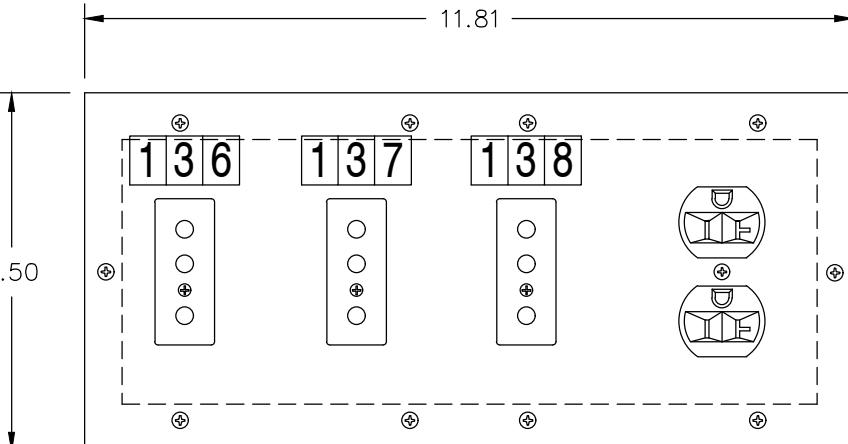
CABLE ACCESS HOLES



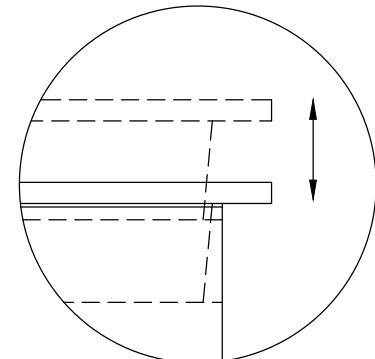
FRONT VIEW
HINGED DOOR SHOWN CLOSED)



11 81



DETAIL A



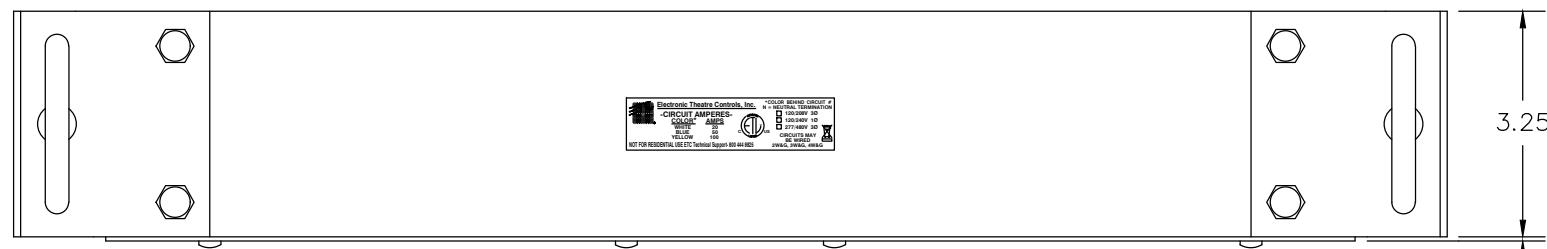
AS - BUILT	REV B	SUBMITTAL	DWG. STATUS	LOCATION:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS
				CONTRACT WITH:	TEXAS SCENIC COMPANY
	CA	MAB	BY	APPD.	REPRESENTATIVE: SPECTRUM LIGHTING
	7/24/13	5/17/13	DATE		
	TJ/MP	TJ/MP			
JOB:					
12/9/13					

Electronic Theatre Controls Inc

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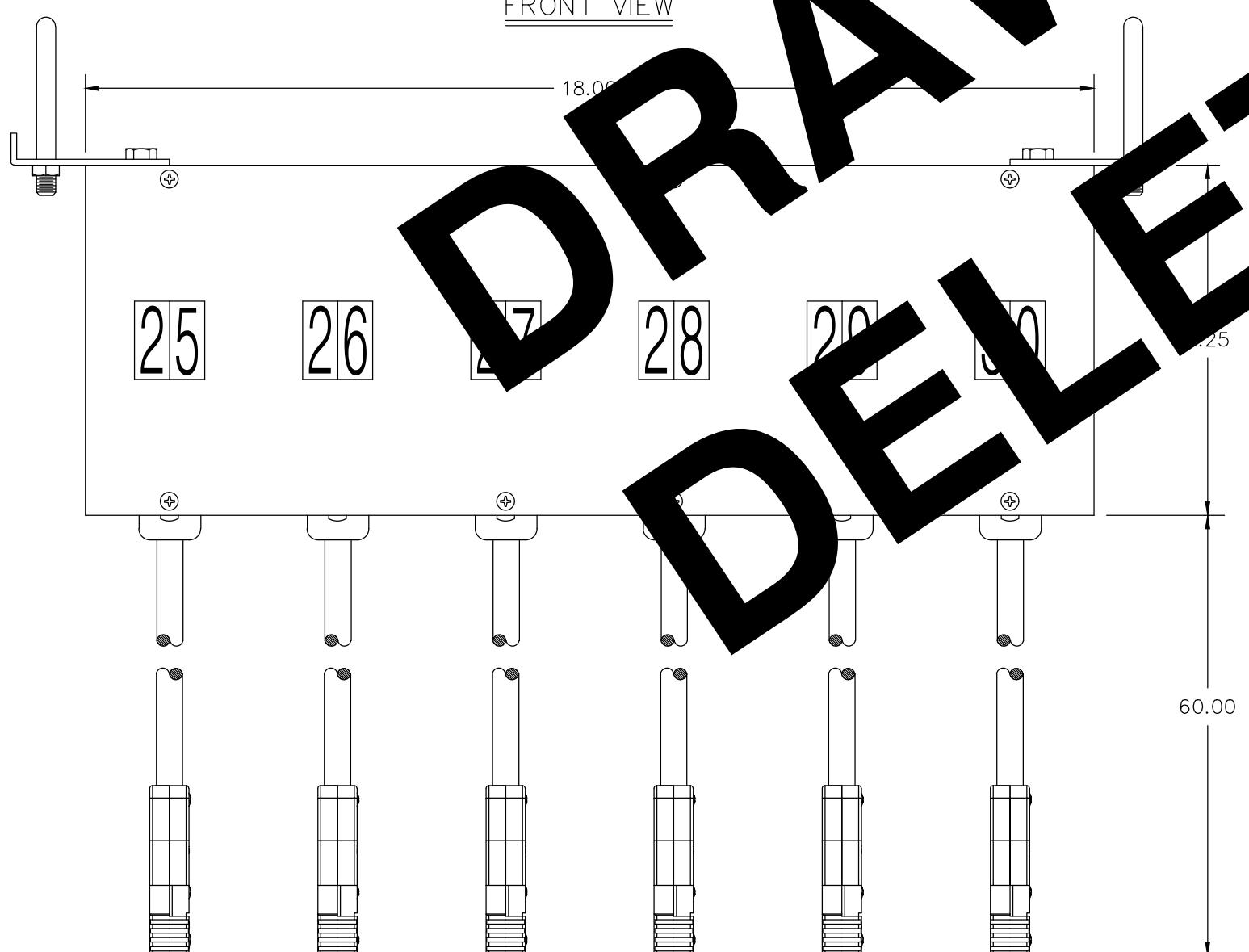


UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.



TOP VIEW

MODEL #9306B[60"]-U



**DRAWING
DELETED**

PARTS LIST		
ITEM	QTY.	DESCRIPTION
A	5	15027855-00-A 9306B[60"]-U
B	5	"U"-BOLT HANGING BRACKET ASSEMBLY

DESIGNATION
PART NUMBER
VC9000
7099A1050

NOTES:

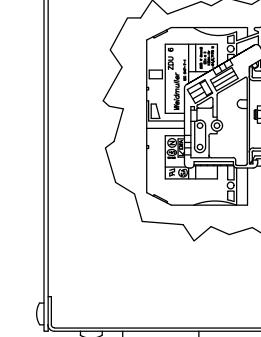
- 1.) PIGTAIL BOX IS  LISTED.
- 2.) PIGTAIL BOX SHELL IS 18 GA. STEEL.
END CAPS ARE 14 GA. STEEL AND COVER
PANEL IS 16 GA. STEEL. ALL ARE FINISHED
IN A BLACK FINE-TEXTURED POWDER COAT.
- 3.) CIRCUITS ARE DESIGNATED WITH 1.40" BLACK
LEXAN LABELS WITH 1.25" WHITE TEXT.

SPECIAL NOTE:

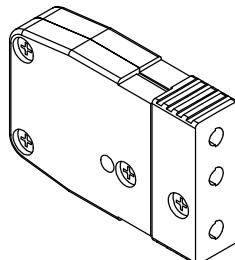
- PIGTAILS ARE 60" IN LENGTH.

SIDE VIEW

CIRCUIT DESIGNATION						
BOX #	LOCATION	OUTLET #				
		(1)	(2)	(3)	(4)	(5)
(1)		1	2	3	4	5
(2)		7	8	9	10	11
(3)		13	14	15	16	17
(4)		19	20	21	22	23
(5)		25	26	27	28	29
(6)						30



GROUNDED PIN CONNECTOR (GPC)

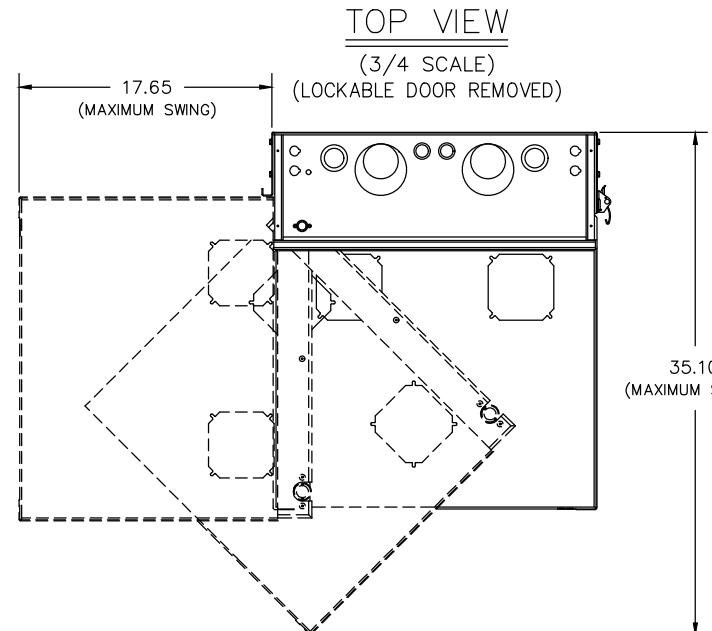
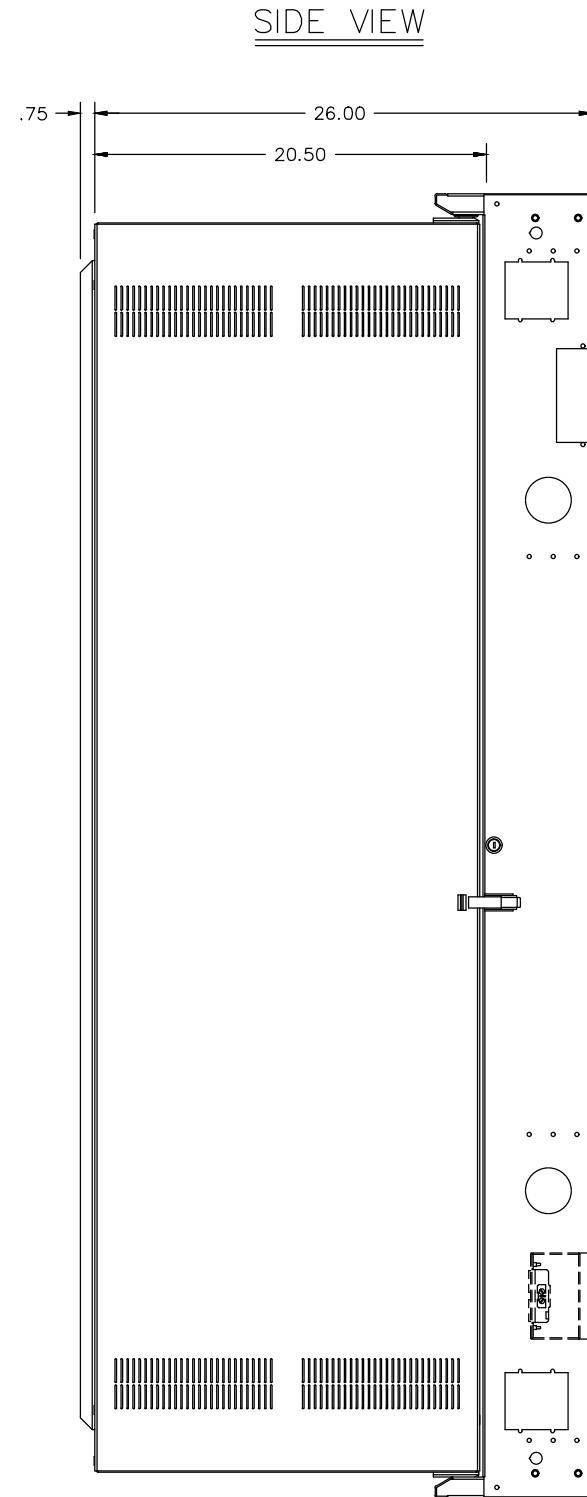
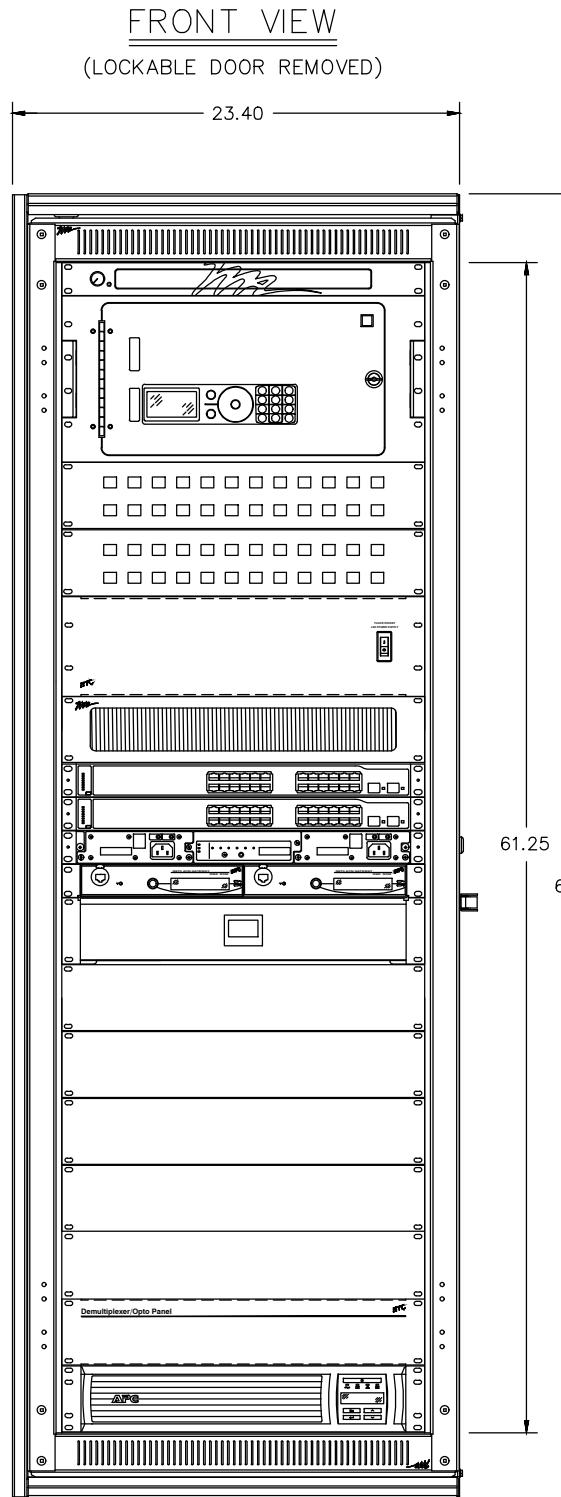


Electronic Theatre Controls Inc	
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UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.	

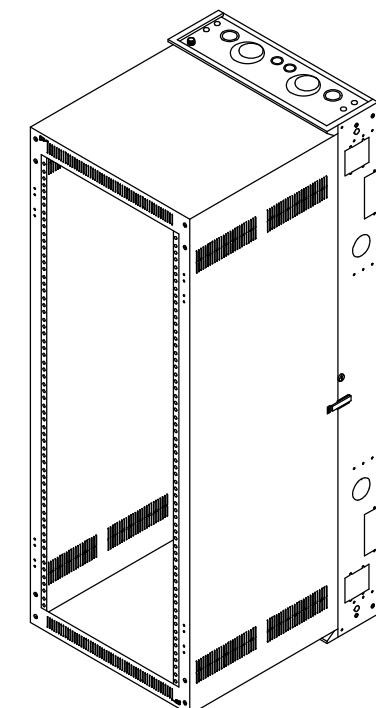
JOB: 	LOCATION: RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS	
CONTRACT WITH: 	TEXAS SCENIC COMPANY	
SUBMITTAL DWG. STATUS	MAB 5/17/13 TITLE: 9306B[60"]-U PIGTAIL BOX - PHYSICAL	REPRESENTATIVE: SPECTRUM LIGHTING
BY REV. APPD.	A	FILE NAME: 9306-B.DWG
DATE		
DRAWING:	15027855-21	

NOTES:

- 1.) EQUIPMENT RACK IS  LISTED.
- 2.) EQUIPMENT RACK IS MANUFACTURED BY MIDDLE ATLANTIC PRODUCTS, INC. AND ALL PHYSICAL SPECIFICATIONS SHALL PERTAIN TO MIDDLE ATLANTIC PRODUCTS, INC. MODEL DWR-35-26.
- 3.) EQUIPMENT RACK IS 16 GA. STEEL FINISHED IN A TEXTURED BLACK BAKED ENAMEL.
- 4.) EQUIPMENT RACK SHALL BE WALL-MOUNTABLE AND SHALL CONTAIN CONDUIT KNOCKOUTS ON ALL SIDES FOR EASY WIRING ACCESS.



ISOMETRIC VIEW
(7/16 SCALE)
(LOCKABLE DOOR AND PANELS REMOVED)

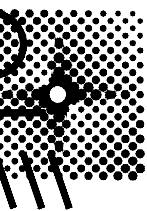


PARTS LIST

ITEM	QTY.	DESCRIPTION	DESIGNATION	PART NUMBER
A	1	35U WALL RACK CENTER SECTION 20.5" USEABLE		PJE1108
B	1	35U WALL RACK, BACK PAN		PJE1109
C	1	15027855-22-C HARDWARE KIT		TL27855-ARCH1
D	1	LOCKABLE FRONT DOOR; 35U, MAP-FD-35		PJE1029
E	1	LIGHT PANEL	(SEE DWG. 24)	
F	1	UNISON ERn2 CONTROL UNIT	(SEE DWG. 25)	
G	2	24-PORT PATCH PANEL	(SEE DWG. 27)	
H	1	FP LED PS	(SEE DWG. 28)	
I	1	BRUSH PANEL 2U	(SEE DWG. 29)	
J	2	24-PORT SWITCH WITH PoE	(SEE DWG. 30)	
K	1	RPS	(SEE DWG. 31)	
L	1	Net3 4-PORT GATEWAY (DUAL)	(SEE DWG. 32)	
M	1	2U RACK DRWR BLK		
N	1	DEMULITPLEXER/OPTO PANEL	(SEE DWG. 33)	
O	1	UPS	(SEE DWG. 35)	

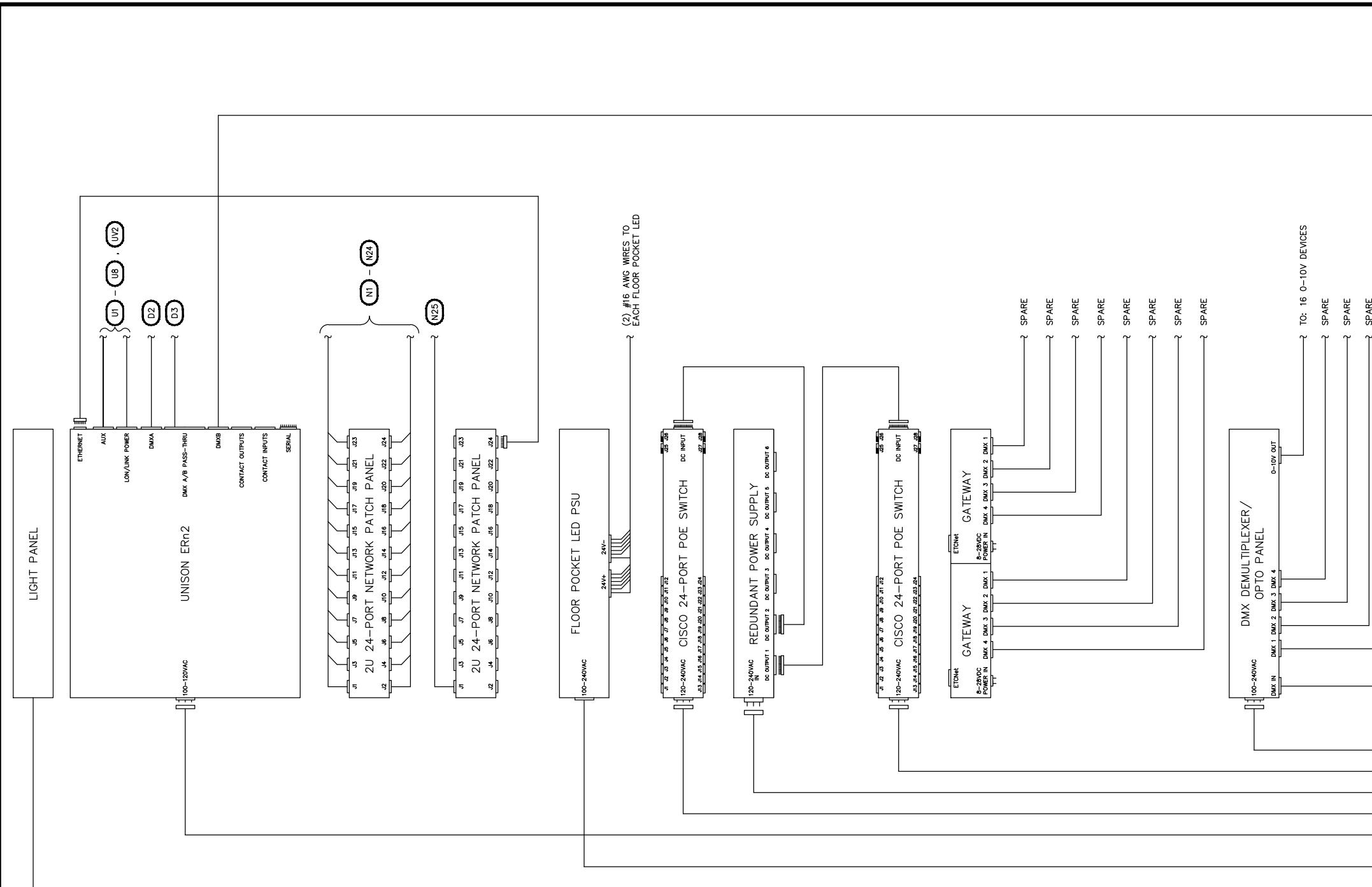
Electronic Theatre Controls Inc

3031 Pleasant View Rd
PO Box 620979
Middleton WI 53562-0979
Tel 608 831 4116
Toll Free 800 688 4116
Fax 608 836 1736
www.etconnect.com

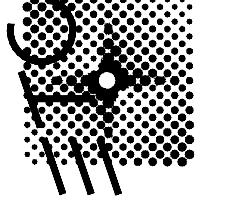


UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

AS - BUILT	TW	12/9/13	TJ/MP	JOB: LOCATION:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS
CONTRACT WITH:				TEXAS SCENIC COMPANY	
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APP'D.		
DRAWING:	15027855-22	REV. A		TITLE: WALL-MOUNTABLE EQUIPMENT RACK - PHYSICAL	FILE NAME: MAP-DWR-35-26.DWG



NOTE: ALL INDUSTRIAL CONTROL PANELS INCLUDING BLANK PANELS SHALL BE GROUNDED
ALONG WITH THE RACK CHASSIS TO THE MAIN GROUNDING POINT IN THE RACK.

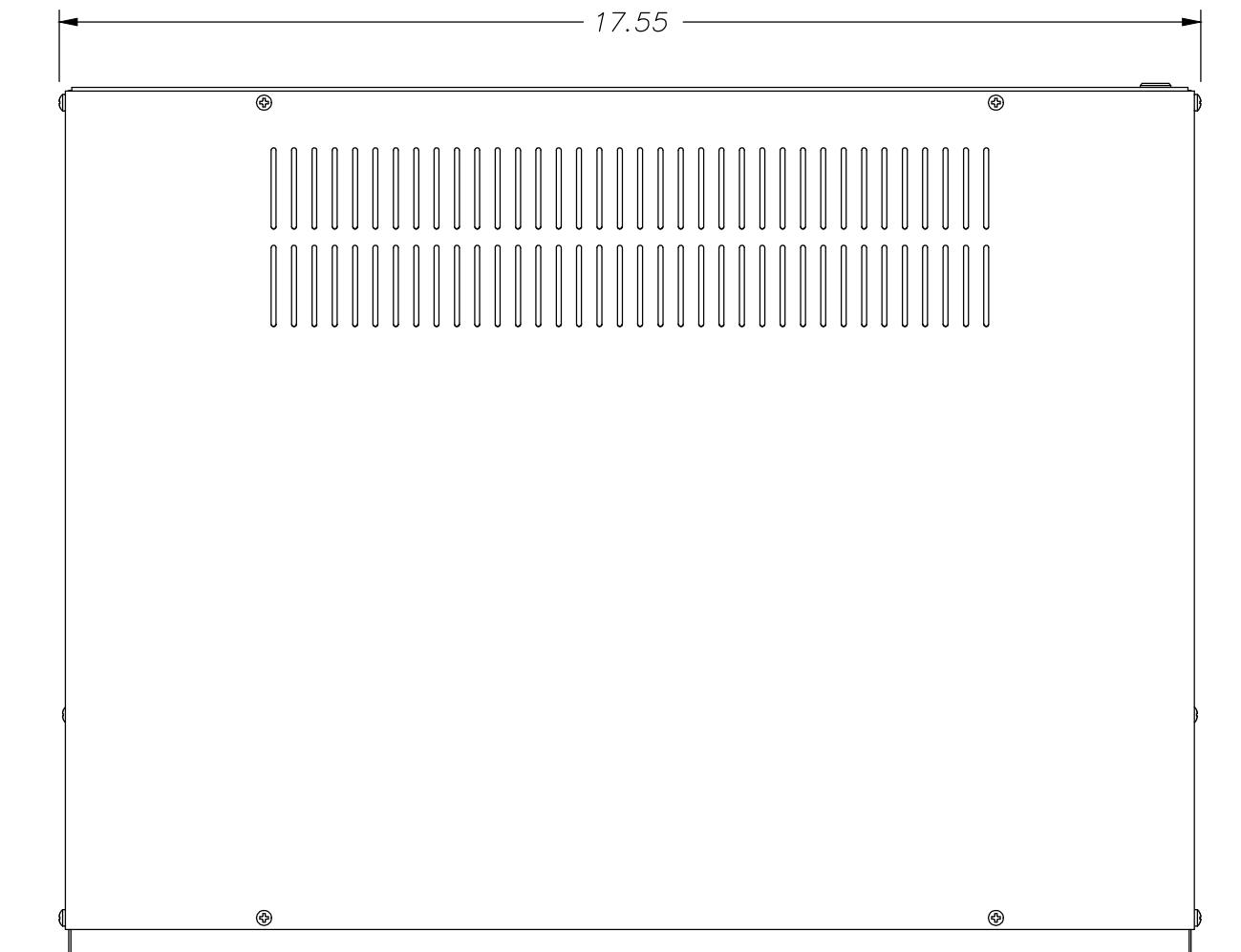
Electronic Theatre Controls Inc					
 3031 Pleasant View Rd PO Box 620979 Middleton WI 53562-0979 Tel 608 831 4116 Toll Free 800 688 4116 Fax 608 836 1736 www.etcconnect.com					
AS - BUILT	TW	12/9/13	TJ/MP	JOB: LOCATION:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS
REVISION B	CA	7/24/13	TJ/MP	CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APPD.	FILE NAME:	TITLE: WALL-MOUNT TABLE EQUIPMENT RACK - ELECTRICAL TITLE.DWG
DRAWING: 15027855-23	REV. B				

UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

REAR VIEW



TOP VIEW (LIGHT SHELF RETRACTED)



FRONT VIEW



PARTS LIST			
ITEM	QTY.	DESCRIPTION	DESIGNATION
A	1	RACK MOUNT LIGHT PANEL	MIDDLE ATLANTIC PRODUCTS/LT-1R
			PART NUMBER SGE1200

NOTES:

- 1.) RACK MOUNT LIGHT PANEL IS MANUFACTURED BY MIDDLE ATLANTIC PRODUCTS, INC. ALL DETAILS AND FEATURES SHALL PERTAIN TO MIDDLE ATLANTIC PRODUCTS MODEL #LT-1R.
- 2.) RACK MOUNT LIGHT PANEL IS PROVIDED WITH A UL LISTED PLUG-IN POWER SUPPLY. 100-240VAC 50-60Hz 2A. INPUT, 5VDC 600mA OUTPUT. (NOT SHOWN)
- 3.) RACK MOUNT LIGHT PANEL MEETS OR EXCEEDS REQUIREMENTS FOR EACH OF THE FOLLOWING STANDARDS:

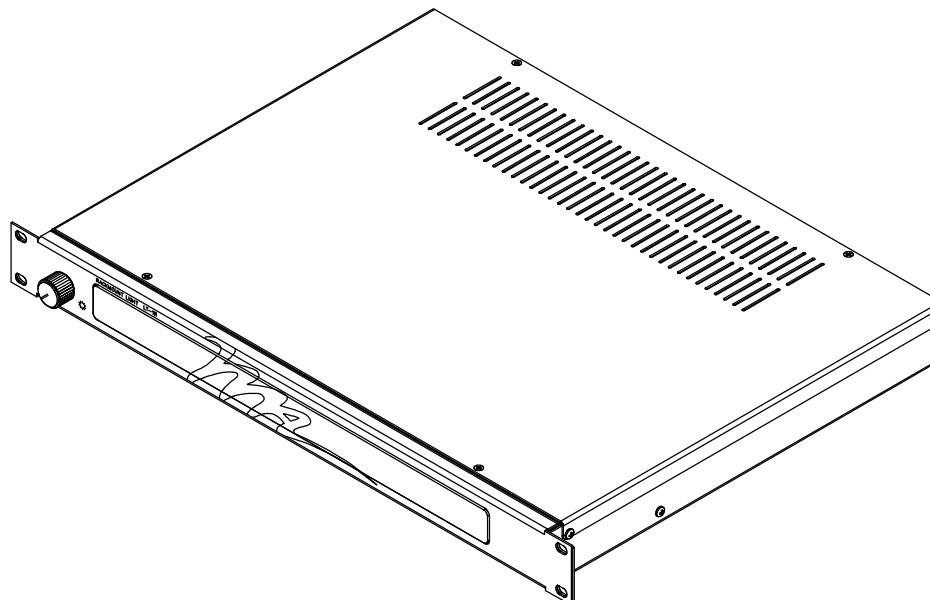


RoHS
2002/95/EC
COMPLIANT



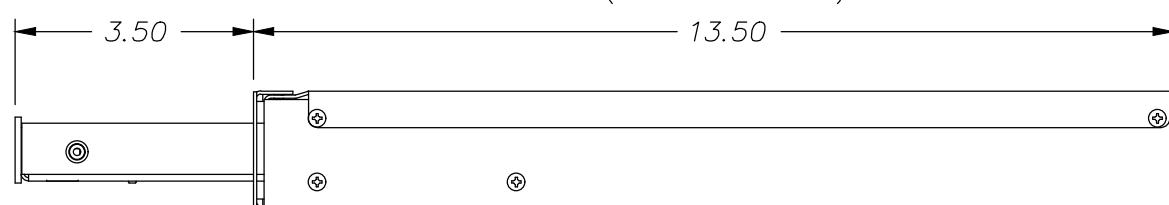
ISOMETRIC VIEW

(SCALE 1/2)



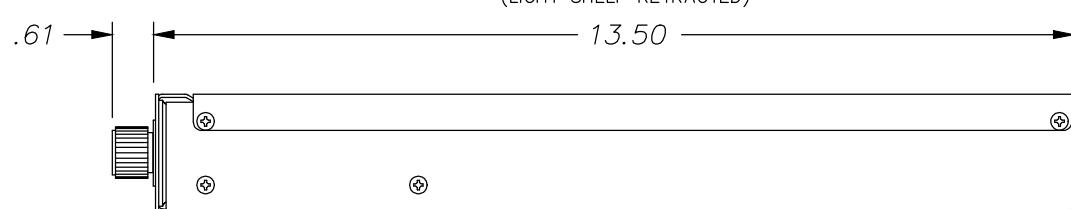
SIDE VIEW

(LIGHT SHELF EXTENDED)

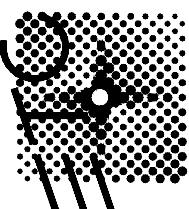


SIDE VIEW

(LIGHT SHELF RETRACTED)



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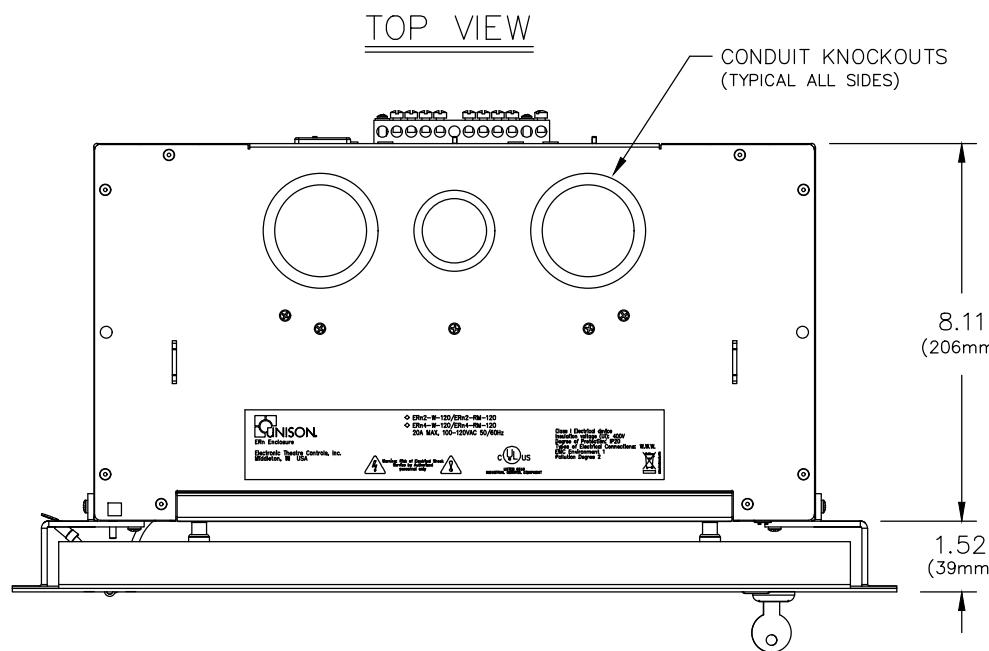


UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

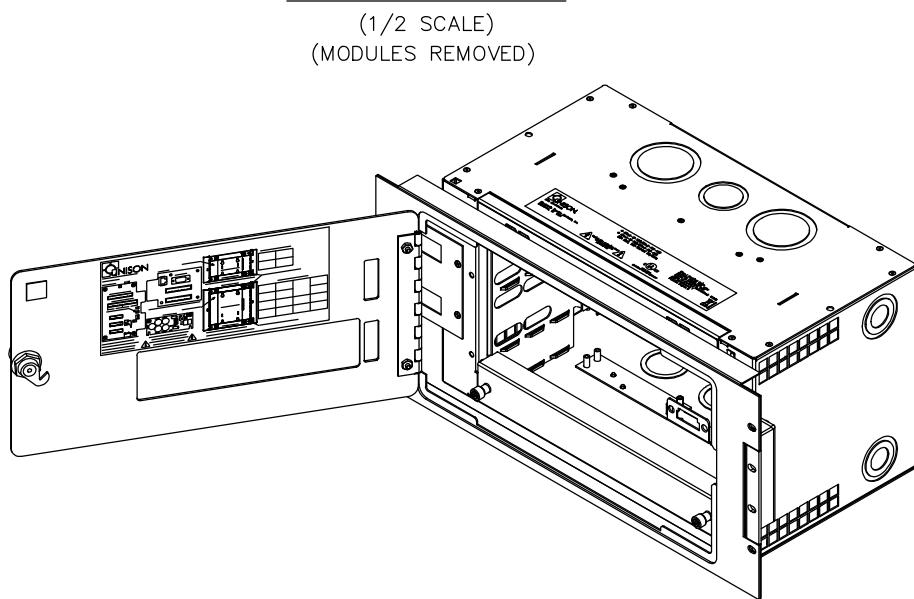
AS - BUILT	TW	12/9/13	TJ/MP	JOB: LOCATION:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS
				CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APPD.		FILE NAME: MAP-LT-1R.DWG
DRAWING:	15027855-24	REV.	A	TITLE:	MIDDLE ATLANTIC PRODUCTS, INC. LT-1R RACK MOUNT RETRACTABLE LIGHT PANEL - PHYSICAL

PARTS LIST

ITEM	QTY.	DESCRIPTION	DESIGNATION	PART NUMBER
A	1	UNISON ERn2 ARCHITECTURAL CONTROL UNIT	100-120VAC	7180A1013
B	2	UNISON P-SPM PARADIGM STATION POWER MODULE	(1 SPARE)	7182A1001
C	2	UNISON P-ACP PARADIGM ARCH. CONTROL PROCESSOR	(1 SPARE)	7180A1001
D	1	UNISON URTO RIDE-THRU OPTION KIT	(NOT SHOWN)	7180A1008

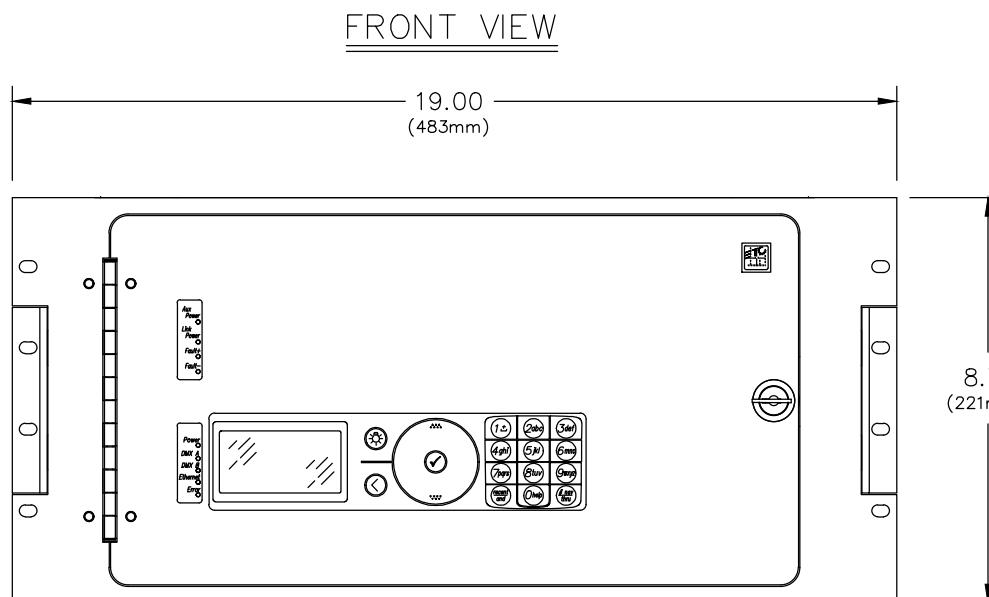


ISOMETRIC VIEW

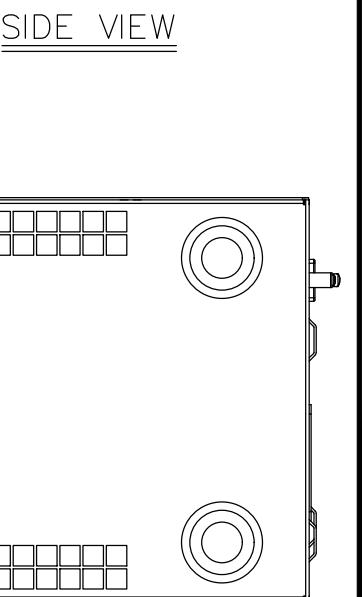
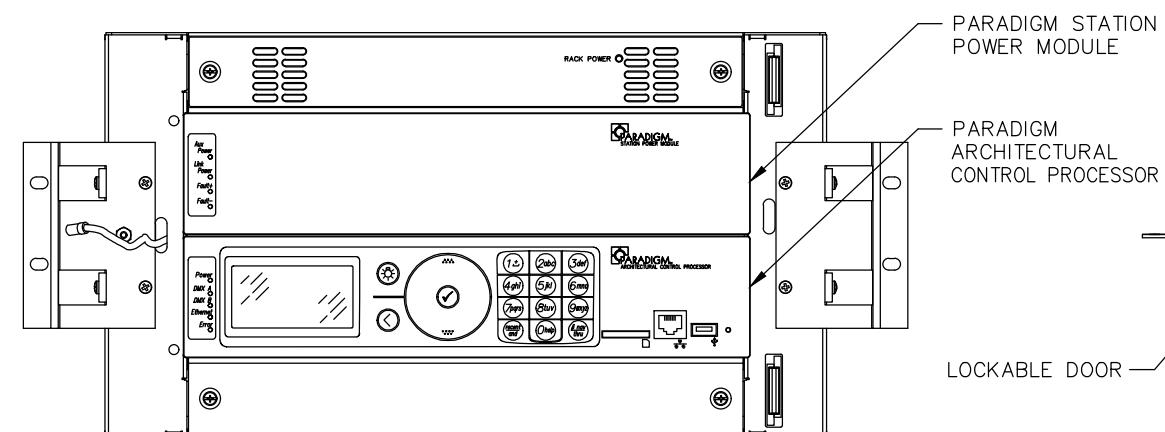


NOTES:

- 1.) RACK MOUNTED CONTROL UNIT ENCLOSURE AND MODULES ARE CONSTRUCTED OF 18 GAUGE STEEL AND ARE FINISHED IN A GREY (5C) SCRATCH-RESISTANT POWDER-BASED EPOXY PAINT.
- 2.) CONTROL UNIT IS DESIGNED TO OPERATE WITH SINGLE-PHASE, 2-WIRE 100-120 VAC INPUT.
- 3.) MOUNTING AND ACCESS PANELS ARE FINISHED IN A BLACK TEXTURED BAKED POLYESTER EPOXY.
- 4.) CONTROL UNIT IS LISTED.



FRONT VIEW
(RACK MOUNTING/LOCKABLE DOOR ASSEMBLY REMOVED)



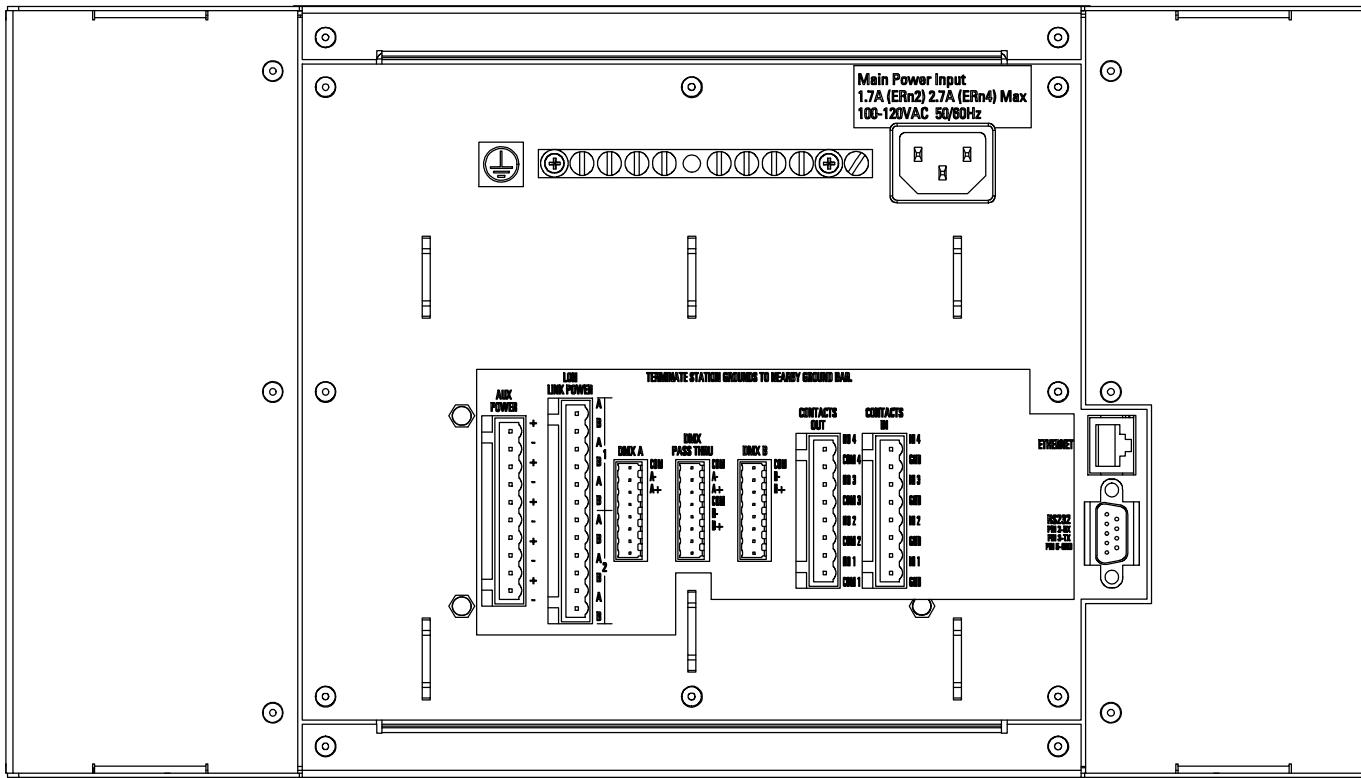
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UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

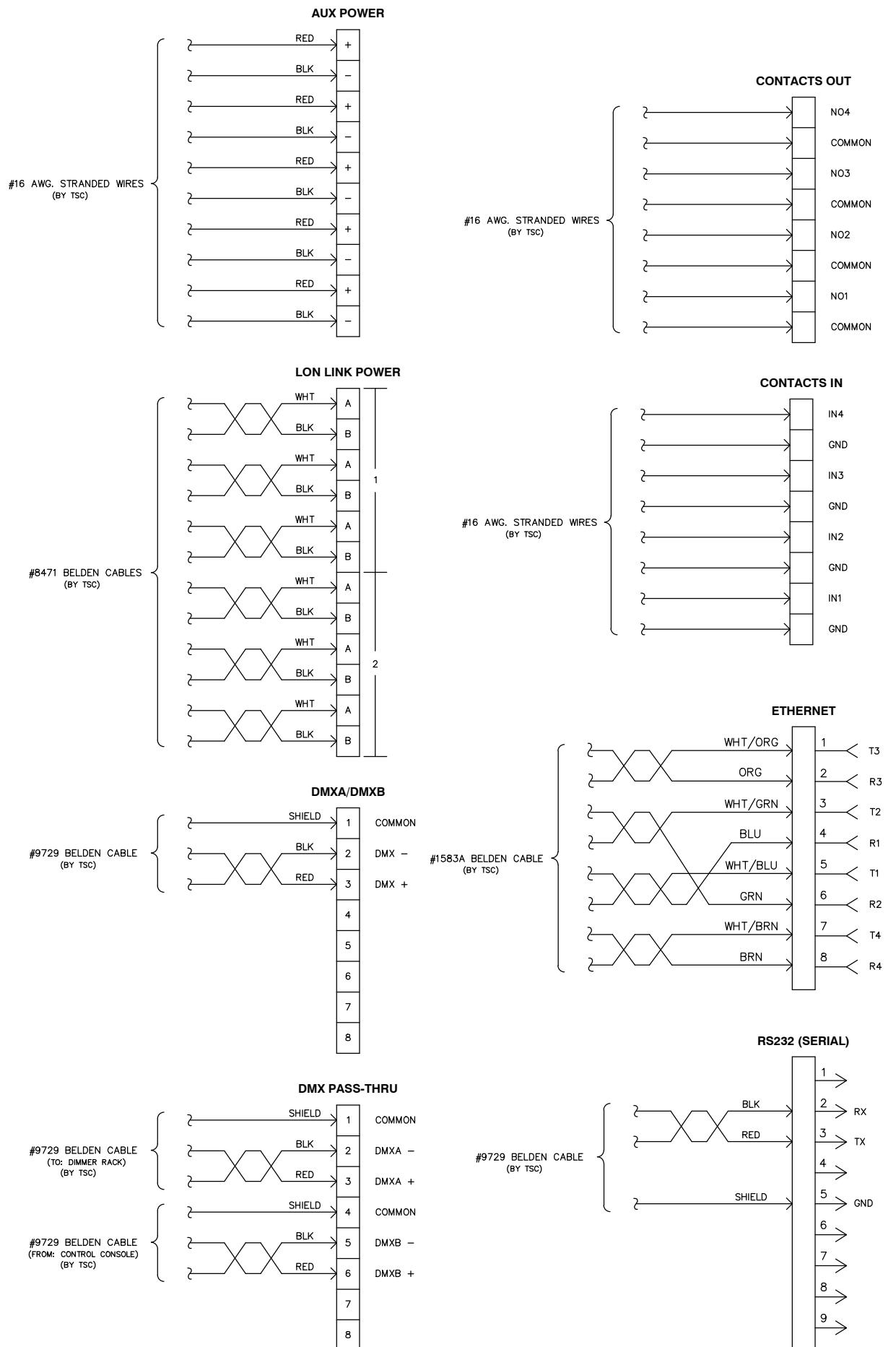
FILE NAME:
USN-ERn2R.DWG

AS - BUILT	TW	12/9/13	TJ/MP	JOB:	RICHARDSON HIGH SCHOOL
				LOCATION:	RICHARDSON, TEXAS
				CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APP'D.		
DRAWING:	15027855-25	REV.	A	TITLE:	UNISON ERn2 RACK MOUNTED ARCHITECTURAL CONTROL UNIT - PHYSICAL

UNISON ERn2 REAR VIEW
(RACK MOUNTING HARDWARE NOT SHOWN)



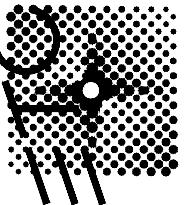
DMX TERMINATION CHART		
RACK	DMX A	DMX B
1	OFF	OFF



UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

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Electronic Heat
30301 Pleasant View Rd
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Toll Free 800 688 4116
Fax 608 836 1736
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UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

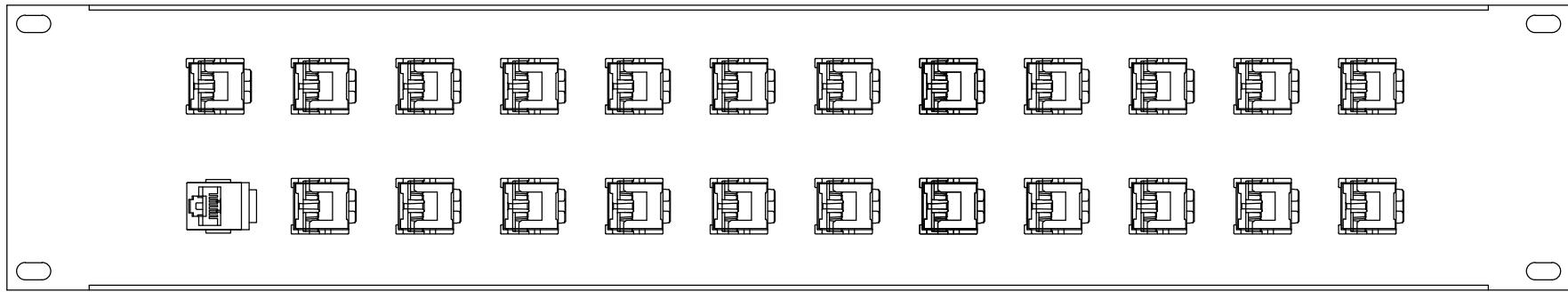
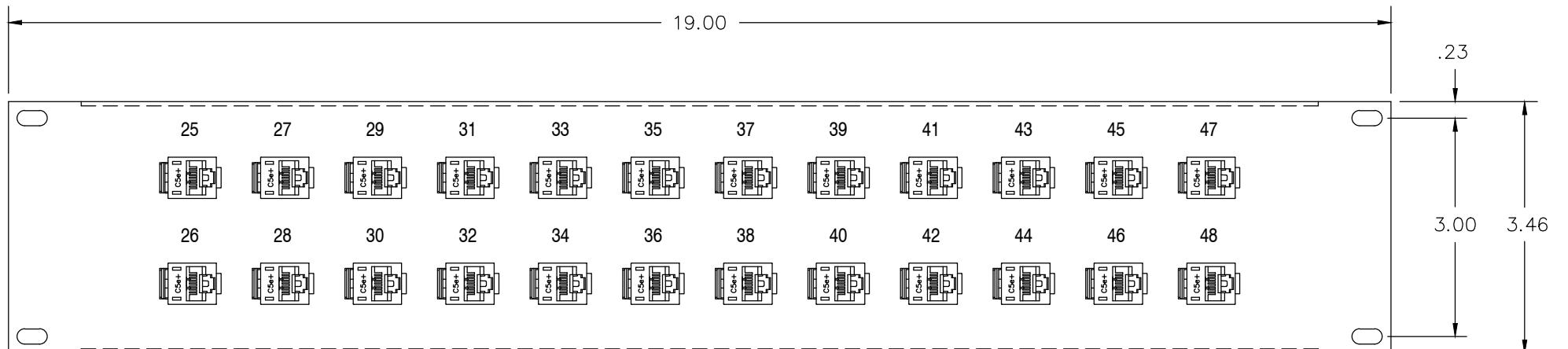
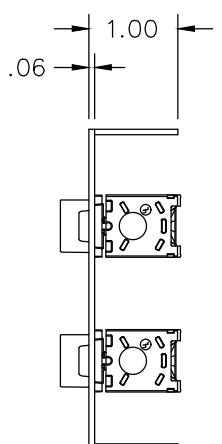
AS - BULLI	IW	12/9/13	IJ/MP	JOB:	RICHARDSON HIGH SCHOOL
				LOCATION:	RICHARDSON, TEXAS
				CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APPD.		
DRAWING:	150027855-26		REV.	TITLE: UNION ERn2 RACK MOUNTED ARCHITECTURAL CONTROL UNIT – ELECTRICAL	

PARTS LIST

ITEM	QTY.	DESCRIPTION	DESIGNATION	PART NUMBER
A	1	24-PORT PATCH PANEL	1-24	2100A2008
B	1	24-PORT PATCH PANEL	25-48	2100A2008-1
C	47	CAT5e CONNECTOR, 8-POSITION		N2027
D	1	CAT5e INLINE COUPLER, BLACK		PJJ1002
E	48	CAT5e CABLE RJ45 UTP 2FT	(NOT SHOWN)	N4035

NOTES:

- 1.) PATCH PANEL IS .06 ALUMINUM FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.
- 2.) ALL NOMENCLATURE IS ENGRAVED IN WHITE.

REAR VIEWFRONT VIEWSIDE VIEW

Electronic Theatre Controls Inc					
3031 Pleasant View Rd PO Box 620979 Middleton WI 53562-0979 Tel 608 831 4116 Toll Free 800 688 4116 Fax 608 836 1736 www.etconnect.com					
AS - BUILT	TW	12/9/13	TJ/MP	JOB: LOCATION:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS
SUBMITTAL	MAB	5/17/13	TJ/MP	CONTRACT WITH: REPRESENTATIVE:	TEXAS SCENIC COMPANY SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APPD.	FILE NAME:	PATCH-PANEL-24.DWG
DRAWING:	15027855-27	REV.	A	TITLE:	24-PORT ETHERNET PATCH PANEL - PHYSICAL

UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

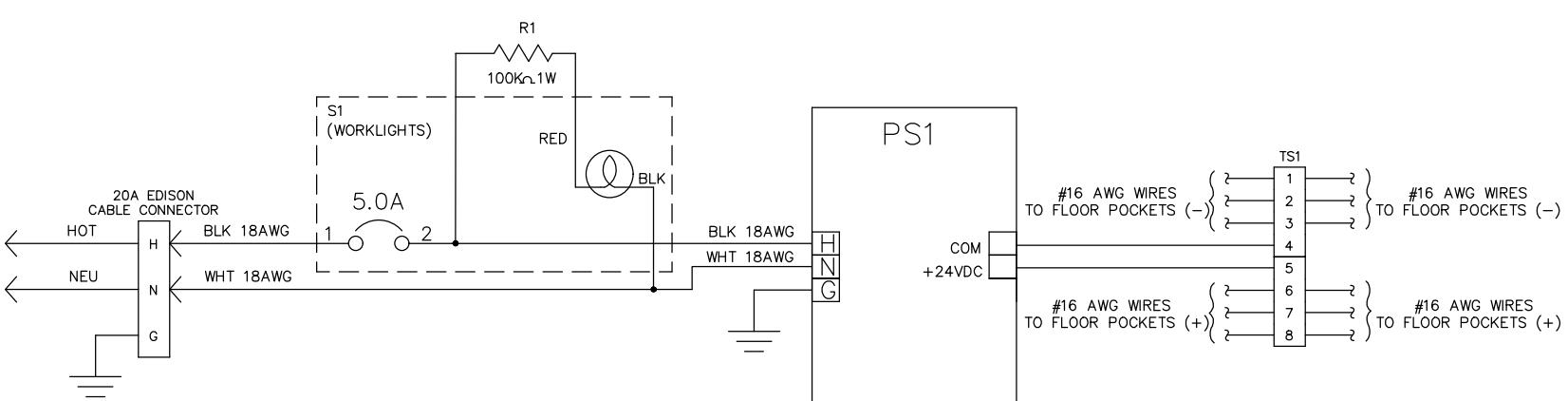
PARTS LIST

ITEM QTY. DESCRIPTION
A 1 15027855-28-A FLOOR POCKET LED PSU

DESIGNATION

PART NUMBER
TL27855-ARCH2

ELECTRICAL DIAGRAM



NOTES:

- 1.) POWER SUPPLY PANEL IS CONSTRUCTED OF .10 ALUMINUM AND IS FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.
- 2.) REAR OF PANEL IS MASKED PER ETC STANDARD.
- 3.) ALL NOMENCLATURE IS ENGRAVED IN WHITE.
- 4.) PANEL IS 3 E.I.A. RACK UNITS IN HEIGHT.
- 5.) ELECTRICAL INFORMATION LABEL SHOULD BE APPLIED TO REAR OF PANEL.
- 6.) DEMULTIPLEXER PANEL IS  LISTED.

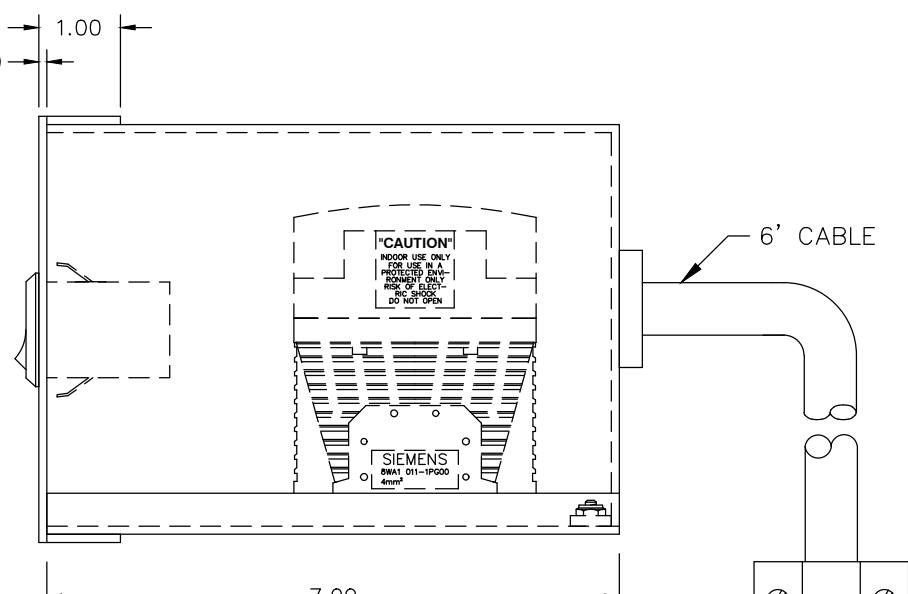
ELECTRICAL INFORMATION LABEL

POWER INPUT: 120VAC 2.5 A MAX. 1 PHASE 2 WIRE+GROUND 50 Hz.
ALL FIELD WIRING MUST USE COPPER CONDUCTORS ONLY, WITH A MINIMUM TEMPERATURE RATING OF 60°C. SEE DRAWING # 15027855-28 FOR WIRING DIAGRAM.
SSCR: 10kA RMS SYMMETRICAL, 120 V MAXIMUM

FRONT VIEW



SIDE VIEW



Electronic Theatre Controls Inc

3031 Pleasant View Rd
PO Box 620979
Middleton WI 53562-0979
Tel 608 831 4116
Toll Free 800 688 4116
Fax 608 836 1736
www.etcconnect.com

UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

AS - BUILT	TW	12/9/13	TJ/MP	JOB: LOCATION:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS
CONTRACT WITH:				TEXAS SCENIC COMPANY	
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APP'D.	FILE NAME:	TITLE.DWG

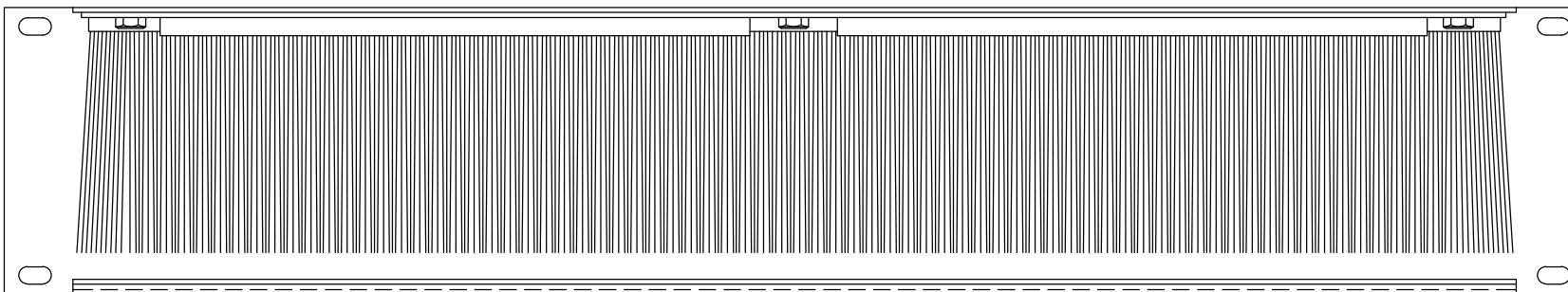
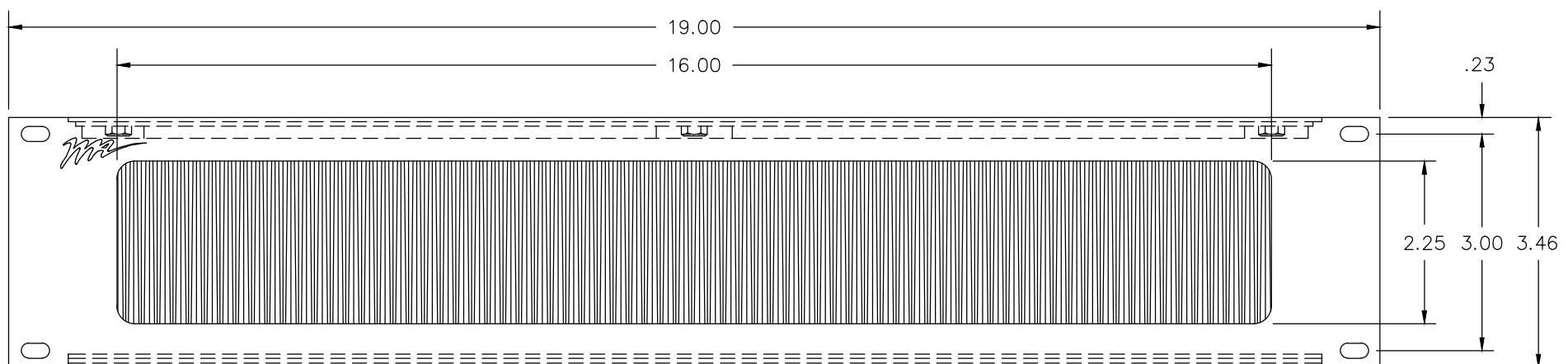
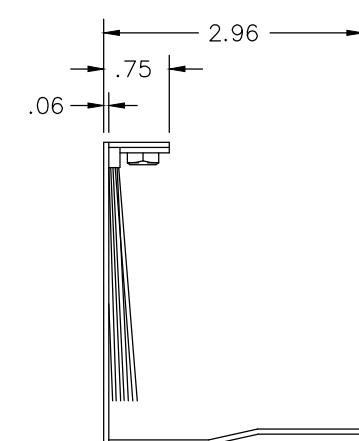
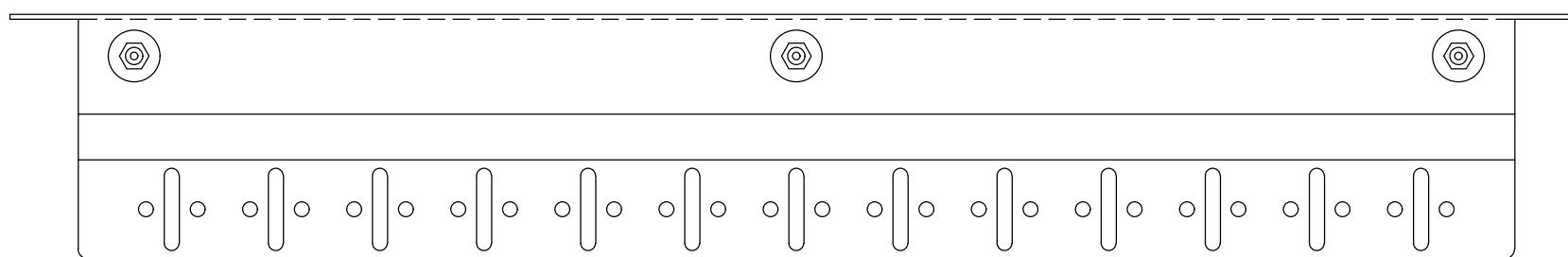
DRAWING: 15027855-28 REV: A TITLE: FLOOR POCKET LED POWER SUPPLY — PHYSICAL & ELECTRICAL

PARTS LIST

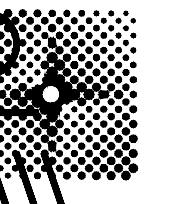
ITEM QTY. DESCRIPTION
A 1 BRUSH PANEL 2U

DESIGNATION
MAP/BR2

PART NUMBER
SGE1062

REAR VIEWFRONT VIEWSIDE VIEWBOTTOM VIEWElectronic Theatre Controls Inc

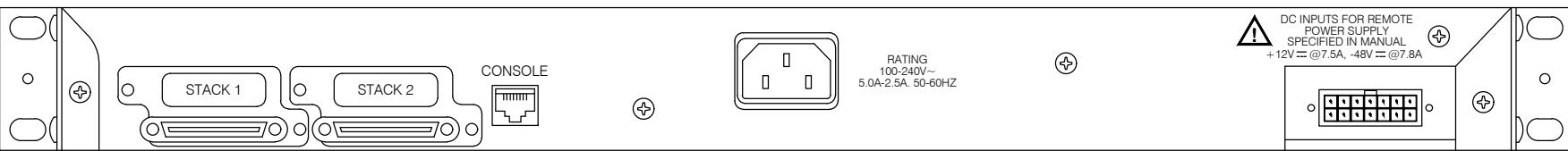
3031 Pleasant View Rd
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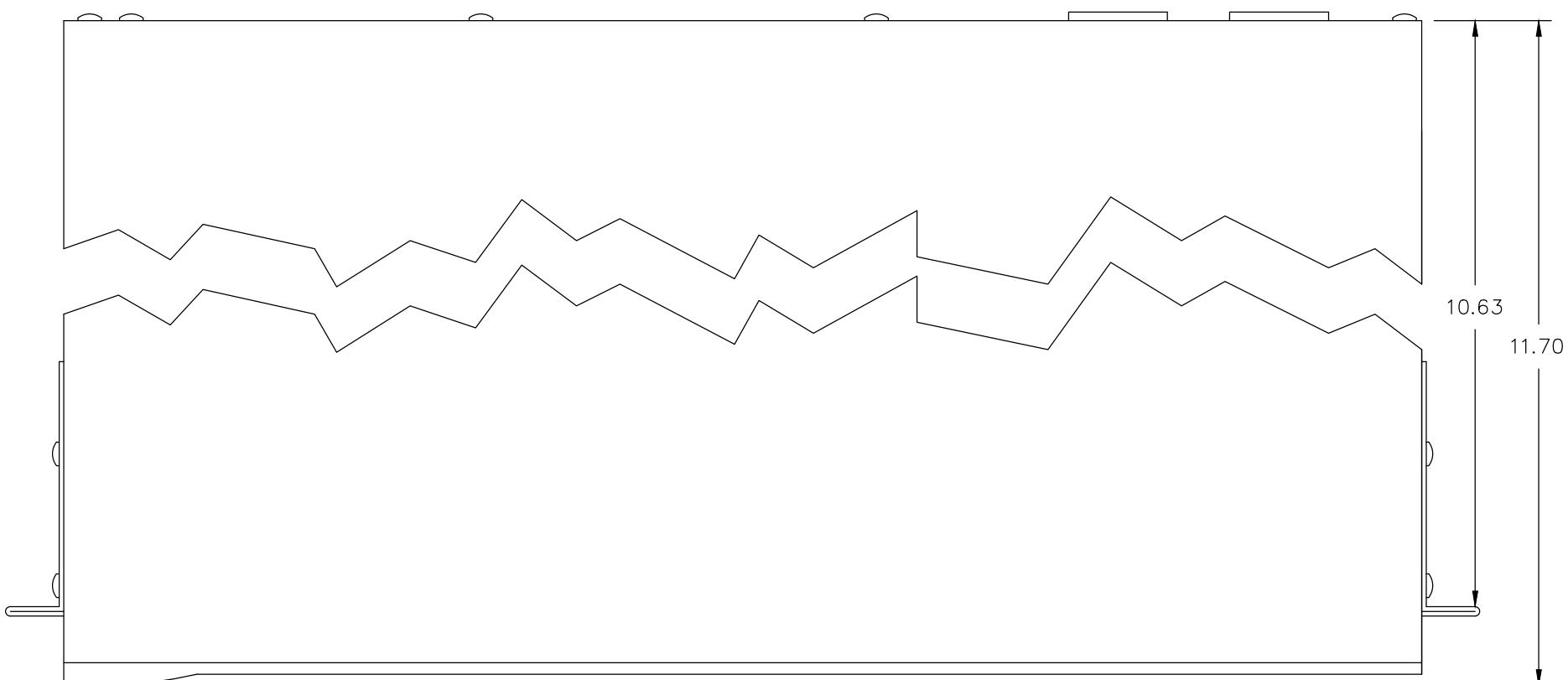
UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

AS - BUILT	TW	12/9/13	TJ/MP	JOB: LOCATION:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS
				CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APP'D.		
DRAWING:	15027855-29	REV.	A	TITLE:	BRUSH PANEL 2U - PHYSICAL
				FILE NAME:	BRUSH-PANEL-2U.DWG

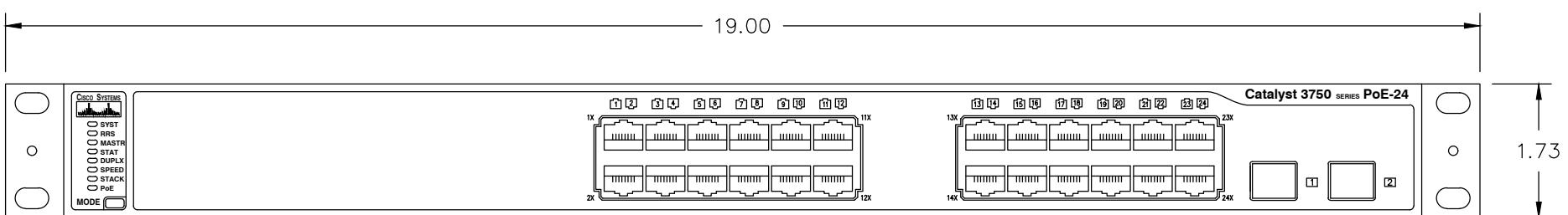
REAR VIEW



TOP VIEW



FRONT VIEW



PARTS LIST

ITEM	QTY.	DESCRIPTION	DESIGNATION	PART NUMBER
A	2	CATALYST 3750-24PS SMI-SWITCH-24 PRT	CISCO/WS-C3750-24PS-S	SGN60-C

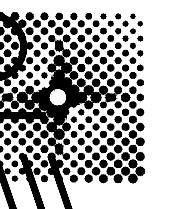
NOTES:

- 1.) ETHERNET SWITCH IS MANUFACTURED BY CISCO SYSTEMS, INC. ALL DETAILS AND FEATURES SHALL PERTAIN TO CISCO SYSTEMS, INC. MODEL #WS-C3750-24PS-S SPECIFICATIONS.
- 2.) RACK MOUNTING KIT IS PROVIDED AND SHALL COMPLY WITH STANDARD E.I.A. SPECIFICATIONS.
- 3.) POWER & DATA CABLES ARE PROVIDED BUT NOT SHOWN.
- 4.) ETHERNET SWITCH MEETS OR EXCEEDS REQUIREMENTS FOR EACH OF THE FOLLOWING STANDARDS:



Electronic Theatre Controls Inc

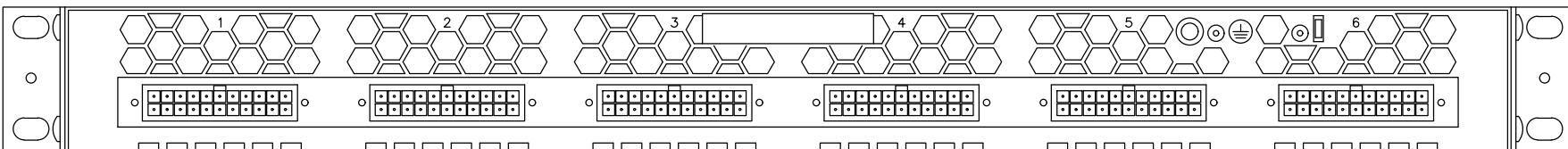
3031 Pleasant View Rd
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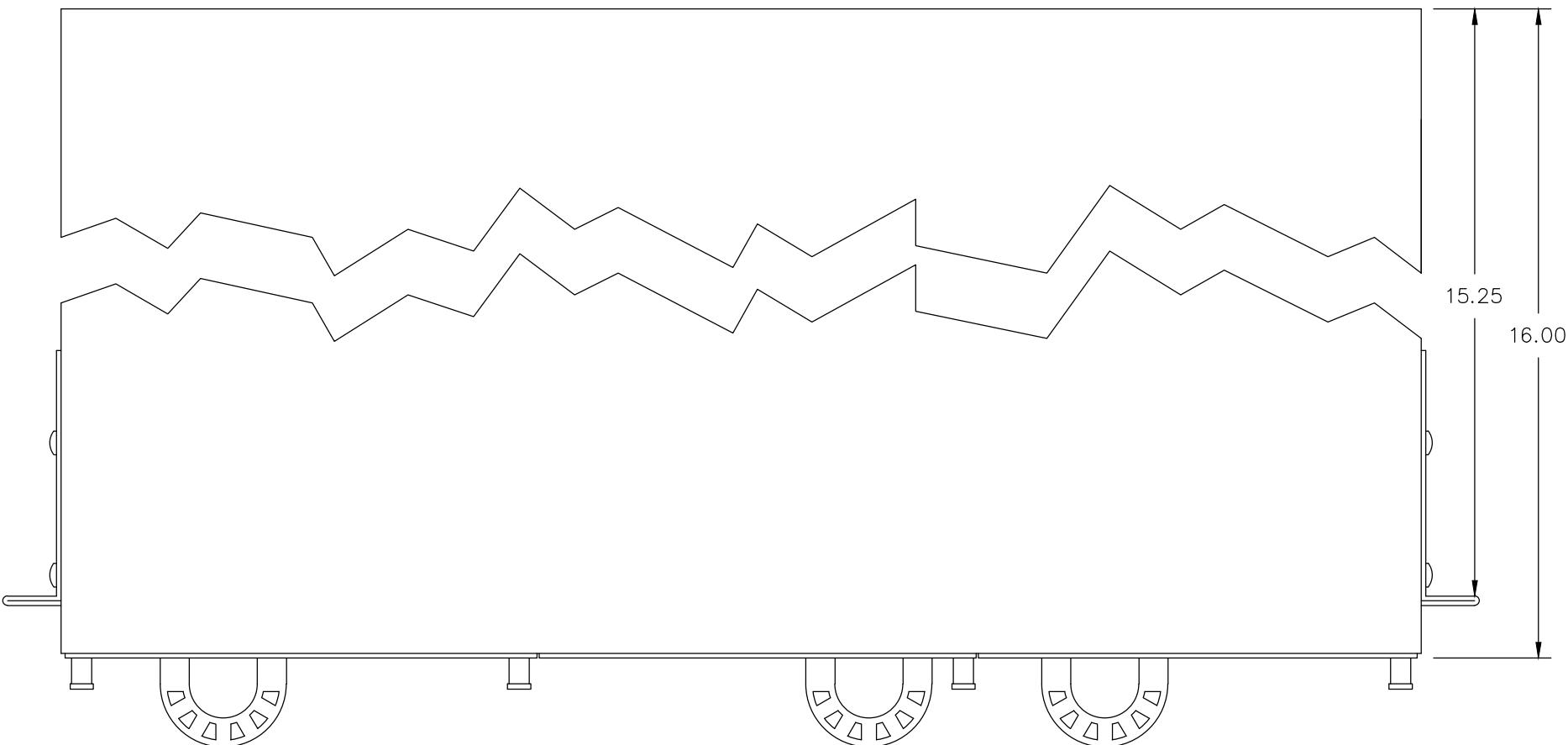
UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

AS - BUILT	TW	12/9/13	TJ/NP	JOB: LOCATION:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS
				CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/NP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APP'D.		
DRAWING:	15027855-30	REV.	A	TITLE:	CISCO CATALYST 3750 24-PORT ETHERNET SWITCH WITH PoE - PHYSICAL
				FILE NAME:	CISCO WS- C3750-24.DWG

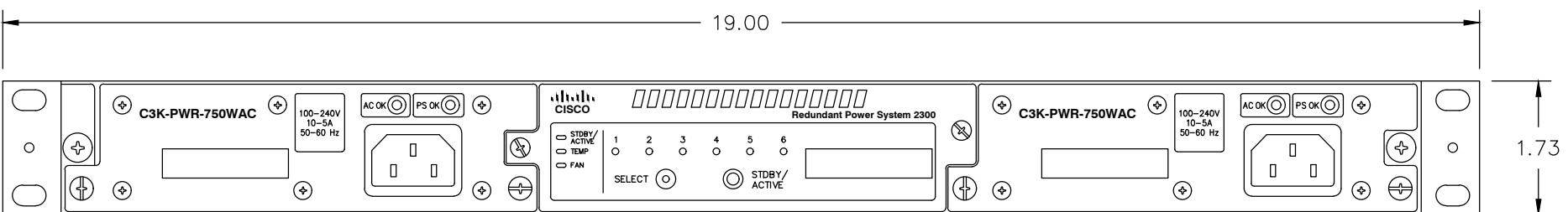
REAR VIEW



TOP VIEW



FRONT VIEW



PARTS LIST

ITEM	QTY.	DESCRIPTION
A	1	RPS 2300 CHASSIS W/BLOWER
B	2	RPS 2300 P/S 750WAC, 100-240V
C	2	RPS 2300 SPARE REDUNDANT CABLE

DESIGNATION
CISCO/PWR-RPS2300
CISCO/PWR-750WAC (NOT SHOWN)

PART NUMBER
SGN1077
SGN1078
SGN1080

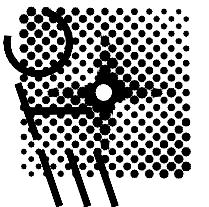
NOTES:

- 1.) POWER SYSTEM IS MANUFACTURED BY CISCO SYSTEMS, INC. ALL DETAILS AND FEATURES SHALL PERTAIN TO CISCO SYSTEMS, INC. MODEL #PWR-RPS2300 SPECIFICATIONS.
- 2.) RACK MOUNTING KIT IS PROVIDED AND SHALL COMPLY WITH STANDARD E.I.A. SPECIFICATIONS.
- 3.) POWER CABLE IS PROVIDED BUT IS NOT SHOWN.
- 4.) POWER SYSTEM MEETS OR EXCEEDS REQUIREMENTS FOR EACH OF THE FOLLOWING STANDARDS:



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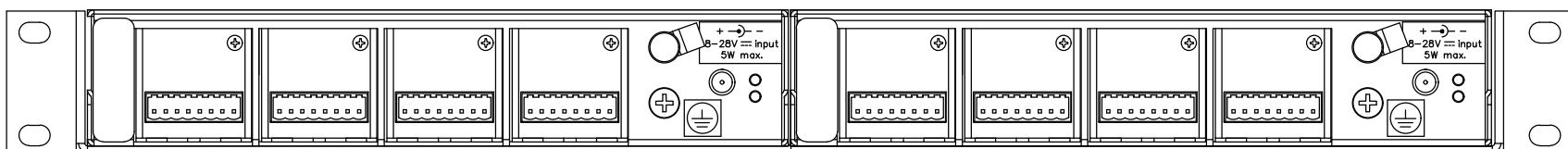
UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

FILE NAME:

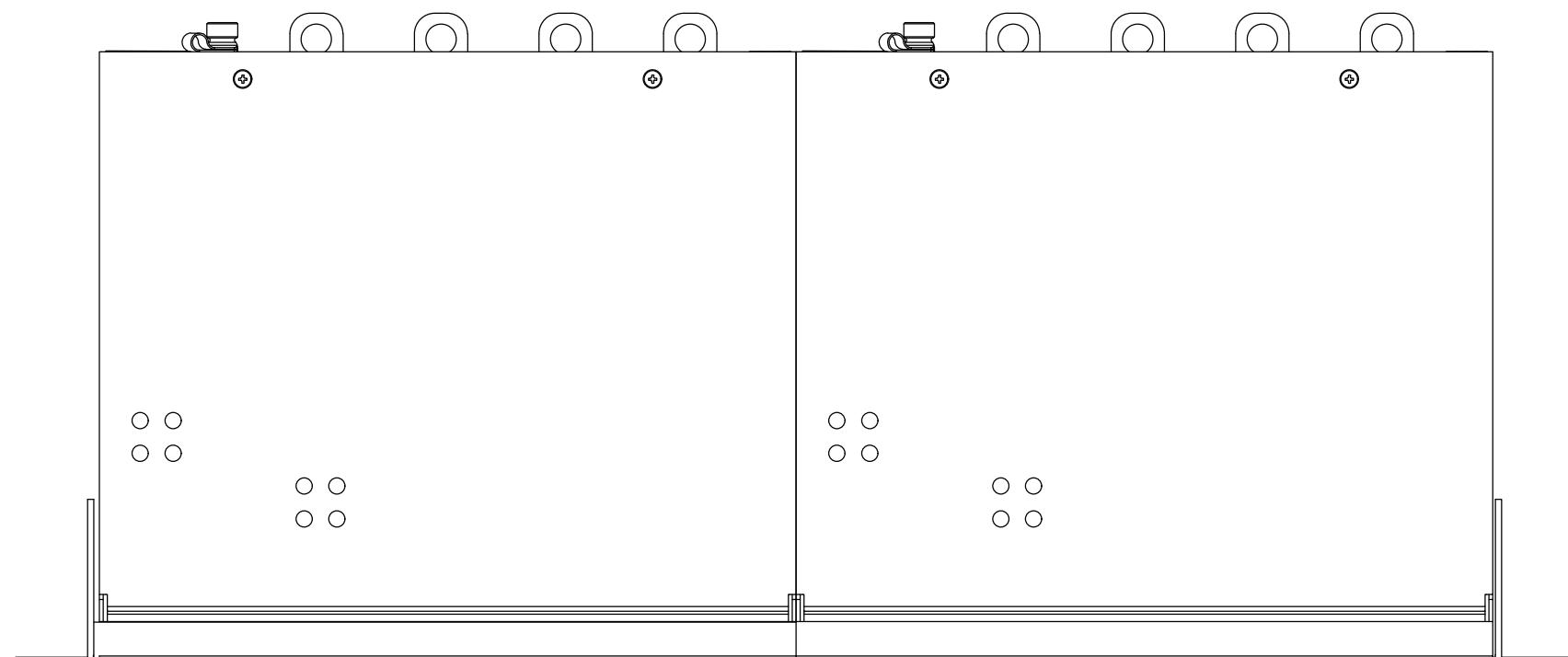
CISCO RPS-2300.DWG

AS - BUILT	TW	12/9/13	TJ/MP	JOB: LOCATION:
				CONTRACT WITH: TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE: SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APP'D.	
DRAWING:	15027855-31	REV. A	TITLE: CISCO REDUNDANT POWER SYSTEM 2300 - PHYSICAL	

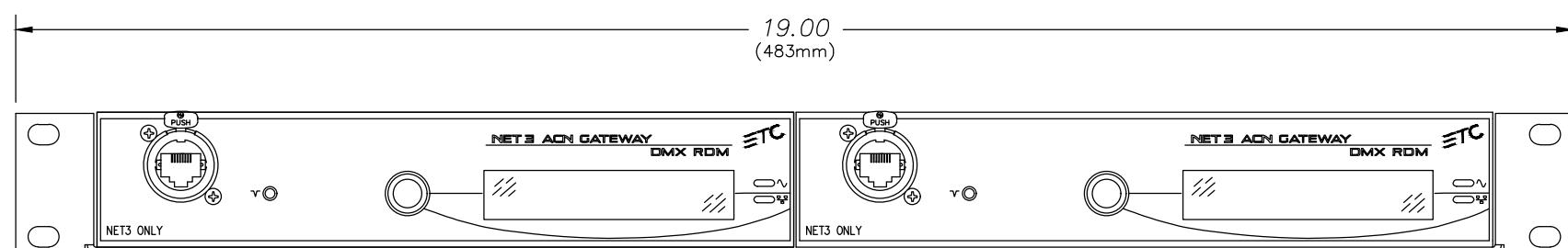
REAR VIEW



TOP VIEW



FRONT VIEW



PARTS LIST

ITEM	QTY.	DESCRIPTION
A	1	GATEWAY N34G 4TERM-RR NET3 ONLY
B	1	GATEWAY N34G 4TERM NET3 ONLY

DESIGNATION	PART NUMBER
	4260A1120
	4260A1119

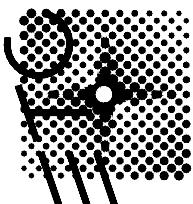
NOTES:

- 1.) Net3 GATEWAY IS CONSTRUCTED OF .048 STEEL AND IS FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.
- 2.) Net3 GATEWAY MEETS OR EXCEEDS REQUIREMENTS FOR EACH OF THE FOLLOWING STANDARDS:

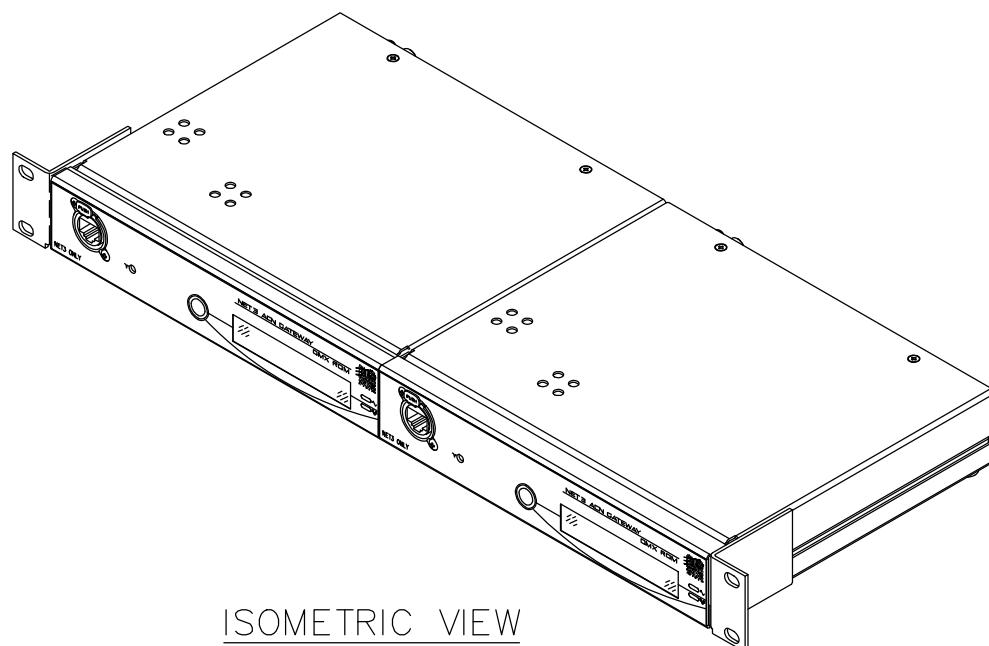


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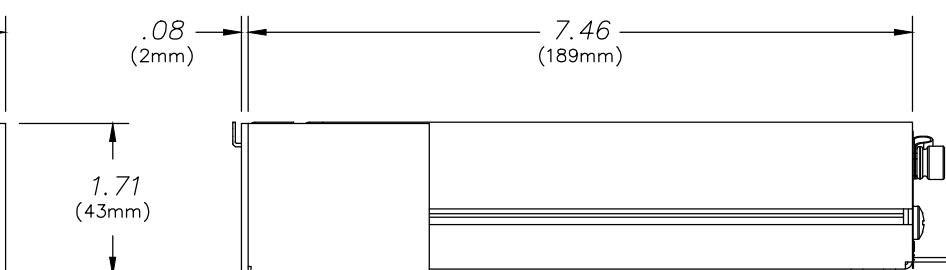


UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.



ISOMETRIC VIEW
(1/2 SCALE)

SIDE VIEW



AS - BUILT	TW	12/9/13	TJ/NP	JOB:	RICHARDSON HIGH SCHOOL
				LOCATION:	RICHARDSON, TEXAS
				CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/NP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APP'D.		
DRAWING:	15027855-32	REV.	A	TITLE:	Net3 4-PORT GATEWAY - PHYSICAL
				FILE NAME:	NET3-ONLY-N34G- RACK-DUAL.DWG

PARTS LIST			
ITEM	QTY.	DESCRIPTION	DESIGNATION
A	1	15027855-33-A DEMULTIPLEXER/OPTO PNL	PART NUMBER TL27855-ARCH3

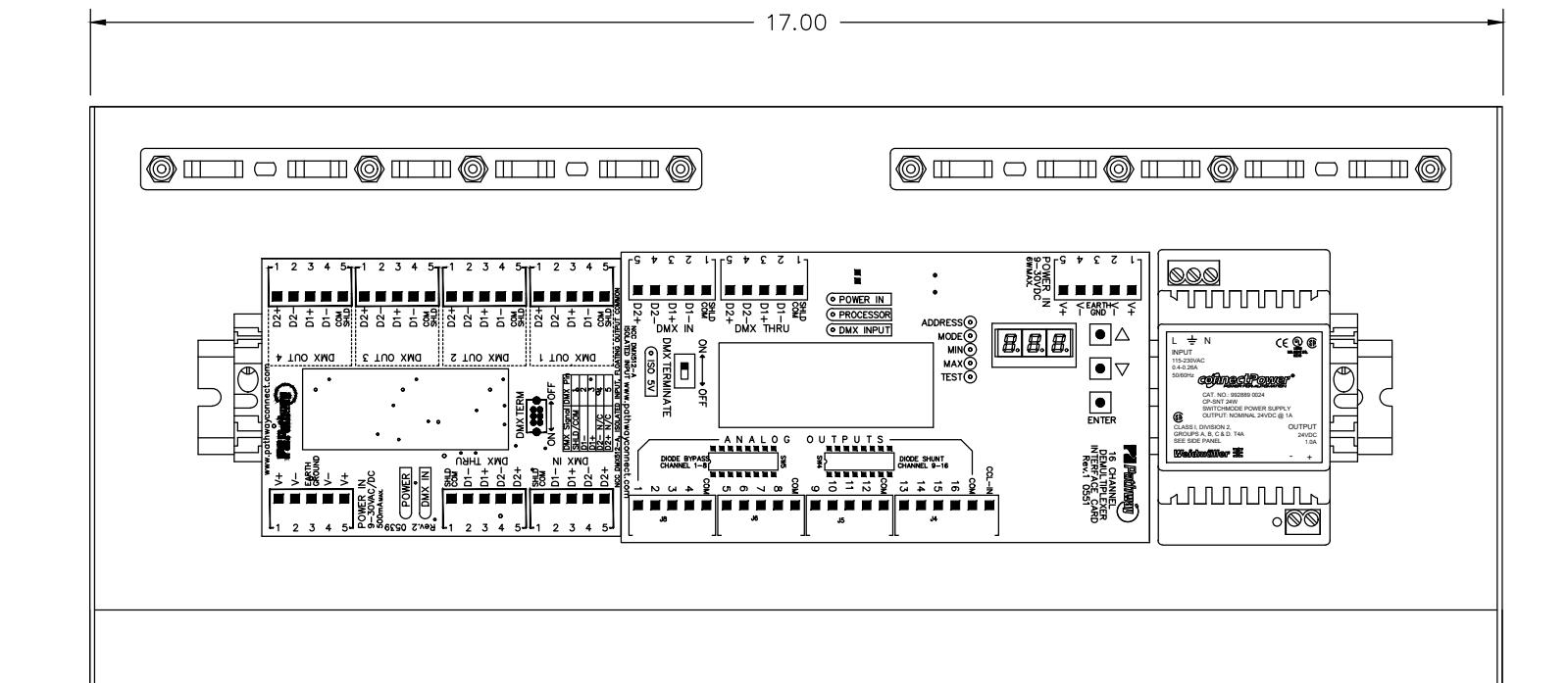
1.) CONTROL PANEL IS CONSTRUCTED OF .10 ALUMINUM AND

NOTES:

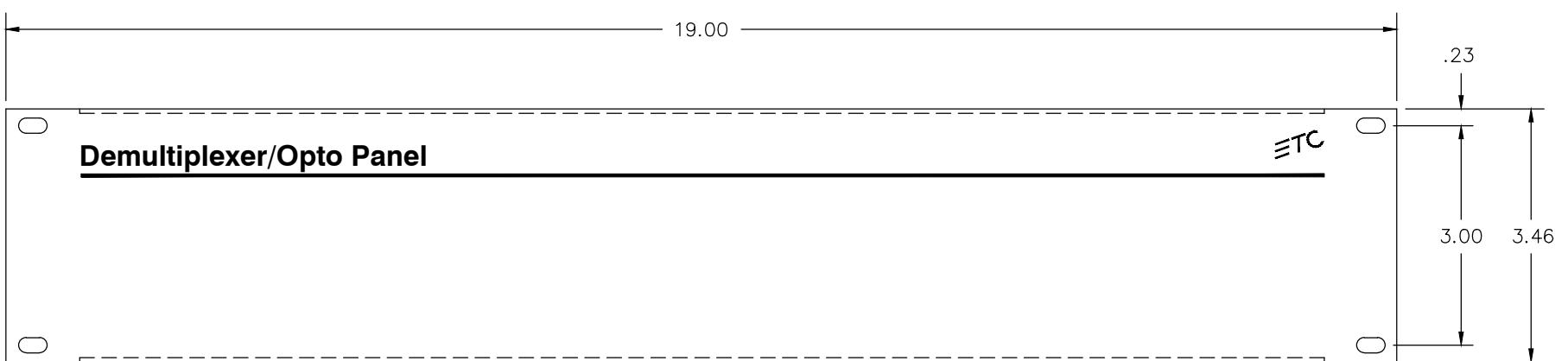
- 1.) RACK PANEL IS CONSTRUCTED OF .10 ALUMINUM AND IS FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.
- 2.) REAR OF PANEL IS MASKED PER ETC STANDARD.
- 3.) ALL NOMENCLATURE IS ENGRAVED IN WHITE.
- 4.) RACK PANEL IS 2 E.I.A. RACK UNITS IN HEIGHT.
- 5.) DEMULTIPLEXER PANEL IS  LISTED.

UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

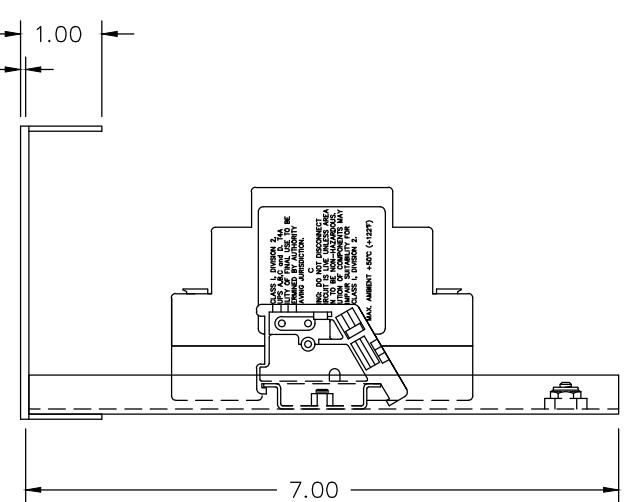
TOP VIEW



FRONT VIEW

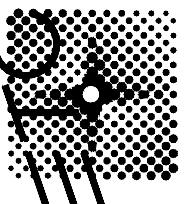


SIDE VIEW



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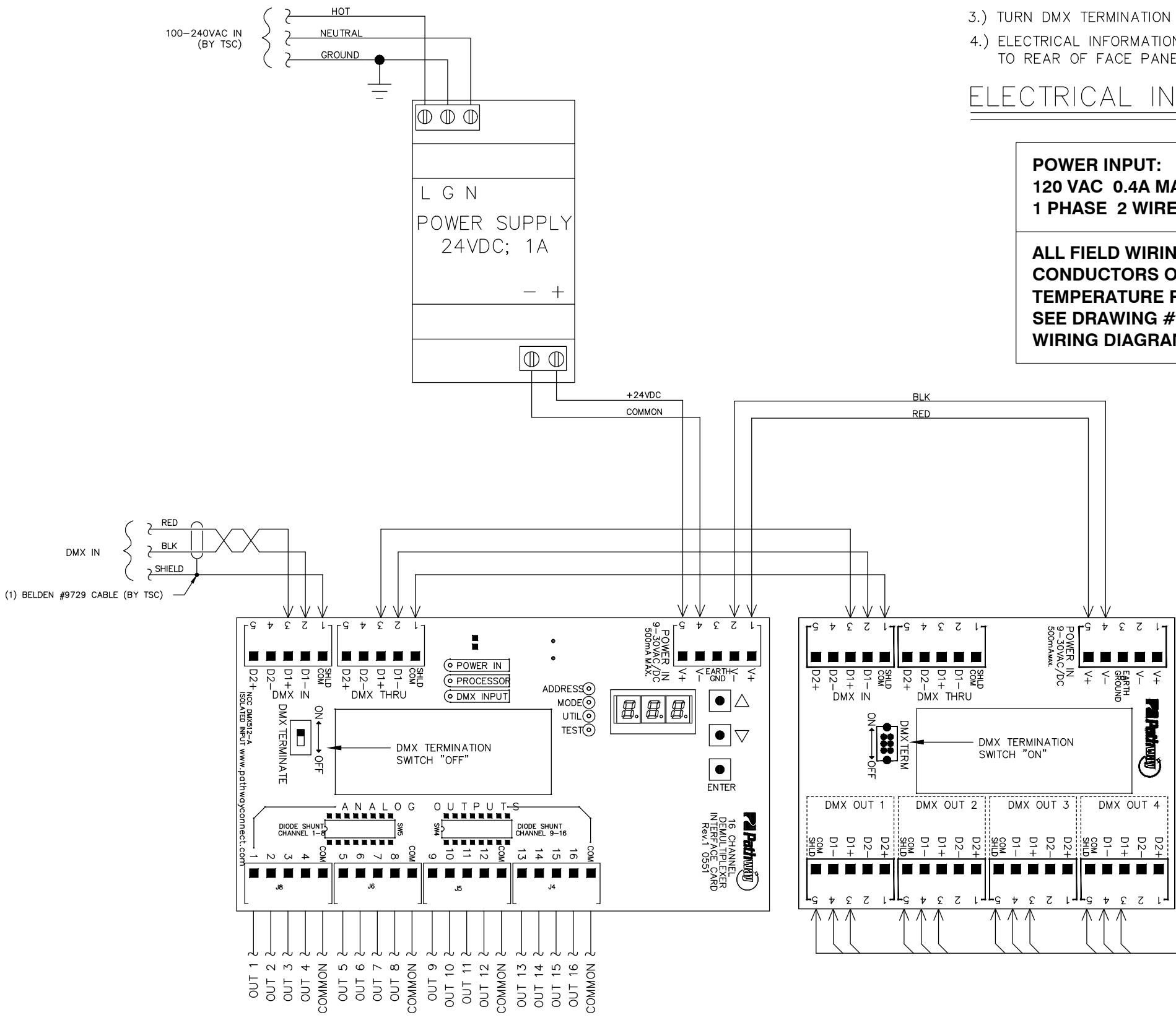
UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

AS - BUILT	TW	12/9/13	TJ/NP	JOB:	RICHARDSON HIGH SCHOOL
				LOCATION:	RICHARDSON, TEXAS
CONTRACT WITH:				TEXAS SCENIC COMPANY	
SUBMITTAL	MAB	5/17/13	TJ/NP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APP'D.		FILE NAME: DEMULITPLEXER/ OPTO PANEL - PHYSICAL
DRAWING:	15027855-33	REV.	A	TITLE:	DEMULITPLEXER/ OPTO PANEL - PHYSICAL

NOTES:

- 1.) ALL WIRING IS #18 AWG STRANDED UNLESS OTHERWISE NOTED.
 - 2.) MUST SET DMX START ADDRESS ON DEMULTIPLEXER.
 - 3.) TURN DMX TERMINATION SWITCH TO "ON" FOR LAST PCB ONLY.
 - 4.) ELECTRICAL INFORMATION LABEL MUST BE APPLIED TO REAR OF FACE PANEL.

ELECTRICAL INFORMATION LABEL



UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

TITLE.DWC

OPTO PANEL - ELECTRICAL

Electronic Theatre Controls Inc

RICHARDSON HIGH SCHOOL
RICHARDSON, TEXAS

LOCATION: _____

PO Box 620979
Middleton WI 53562 0979
Tel 608 831 4116
Toll Free 800 688 4116
Fax 608 832 1736
www.etcconnect.com

PARTS LIST

ITEM	QTY.	DESCRIPTION
A	1	APC 1500VA UNINTERRUPTIBLE POWER SUPPLY
B	2	APC SPARE BATTERY SET

DESIGNATION
(NOT SHOWN)

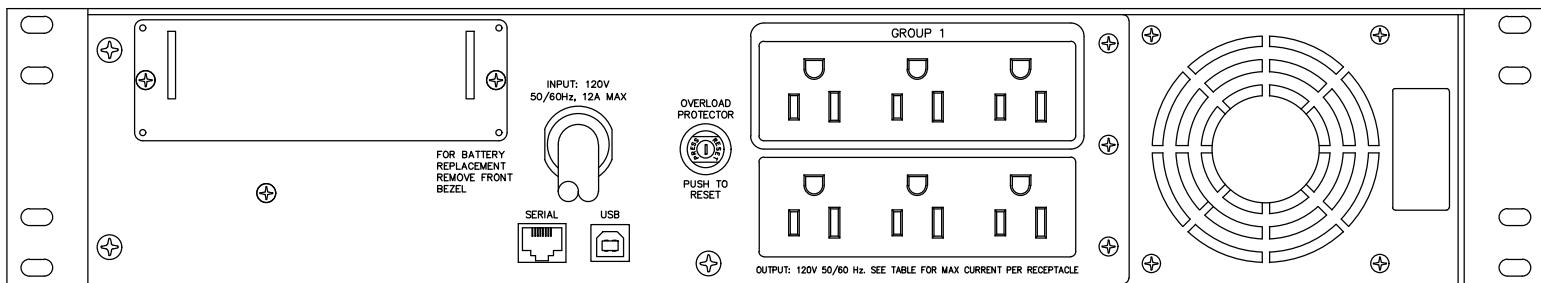
PART NUMBER
SGPS07
SGPS1008

NOTES:

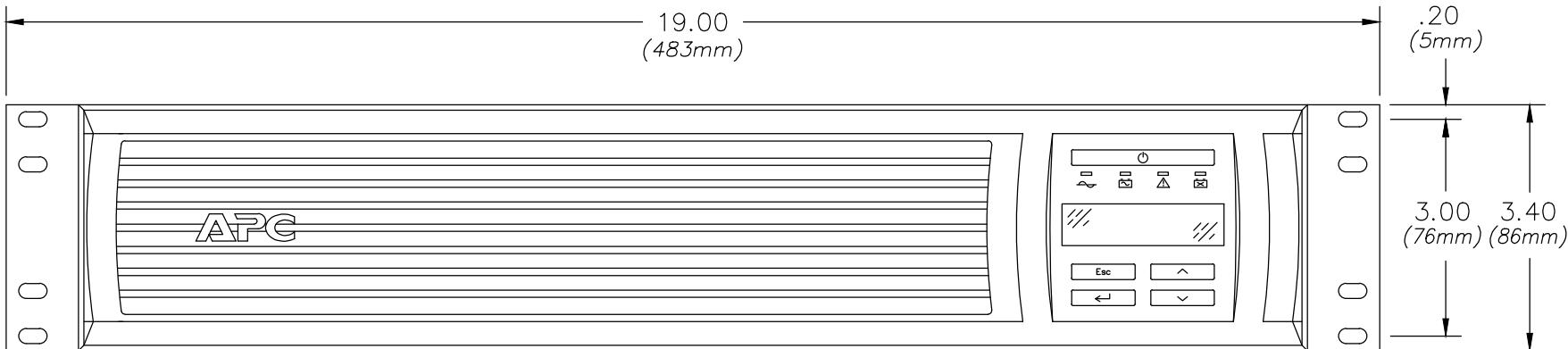
- 1.) UNINTERRUPTIBLE POWER SUPPLY IS MANUFACTURED BY APC. ALL DETAILS AND FEATURES SHALL PERTAIN TO APC SMT1500RM2U SPECIFICATIONS.
- 2.) UNINTERRUPTIBLE POWER SUPPLY IS 2 E.I.A. RACK UNITS IN HEIGHT.
- 3.) UNINTERRUPTIBLE POWER SUPPLY MEETS OR EXCEEDS REQUIREMENTS FOR EACH OF THE FOLLOWING STANDARDS:



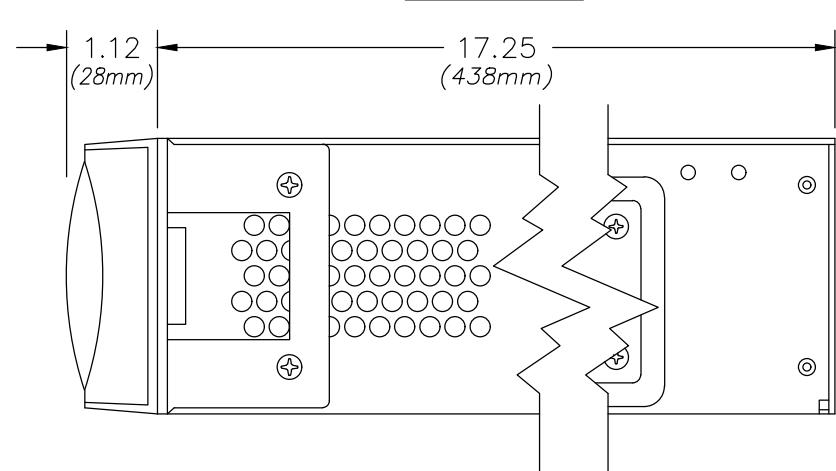
REAR VIEW



FRONT VIEW



SIDE VIEW

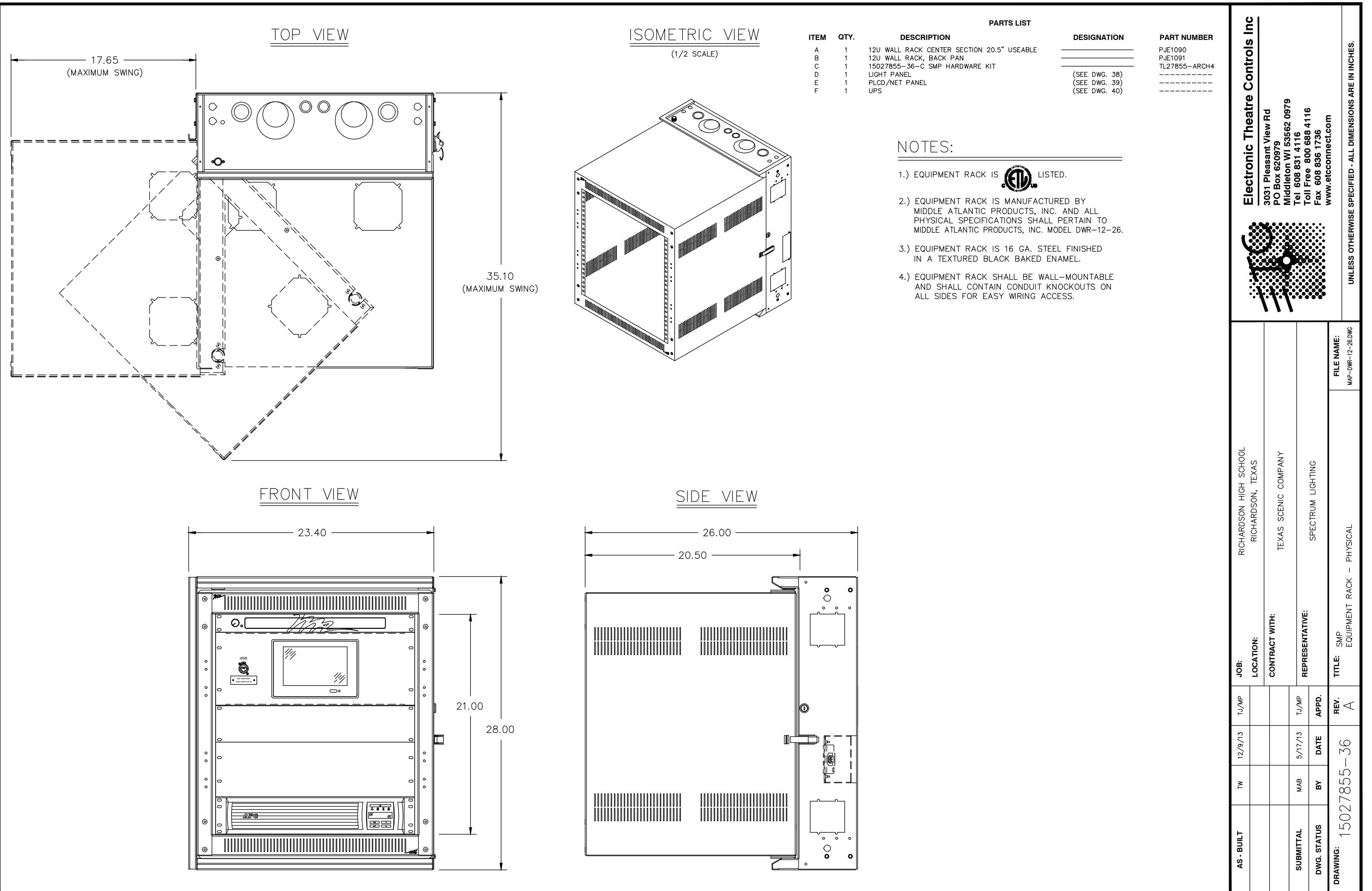


Electronic Theatre Controls Inc

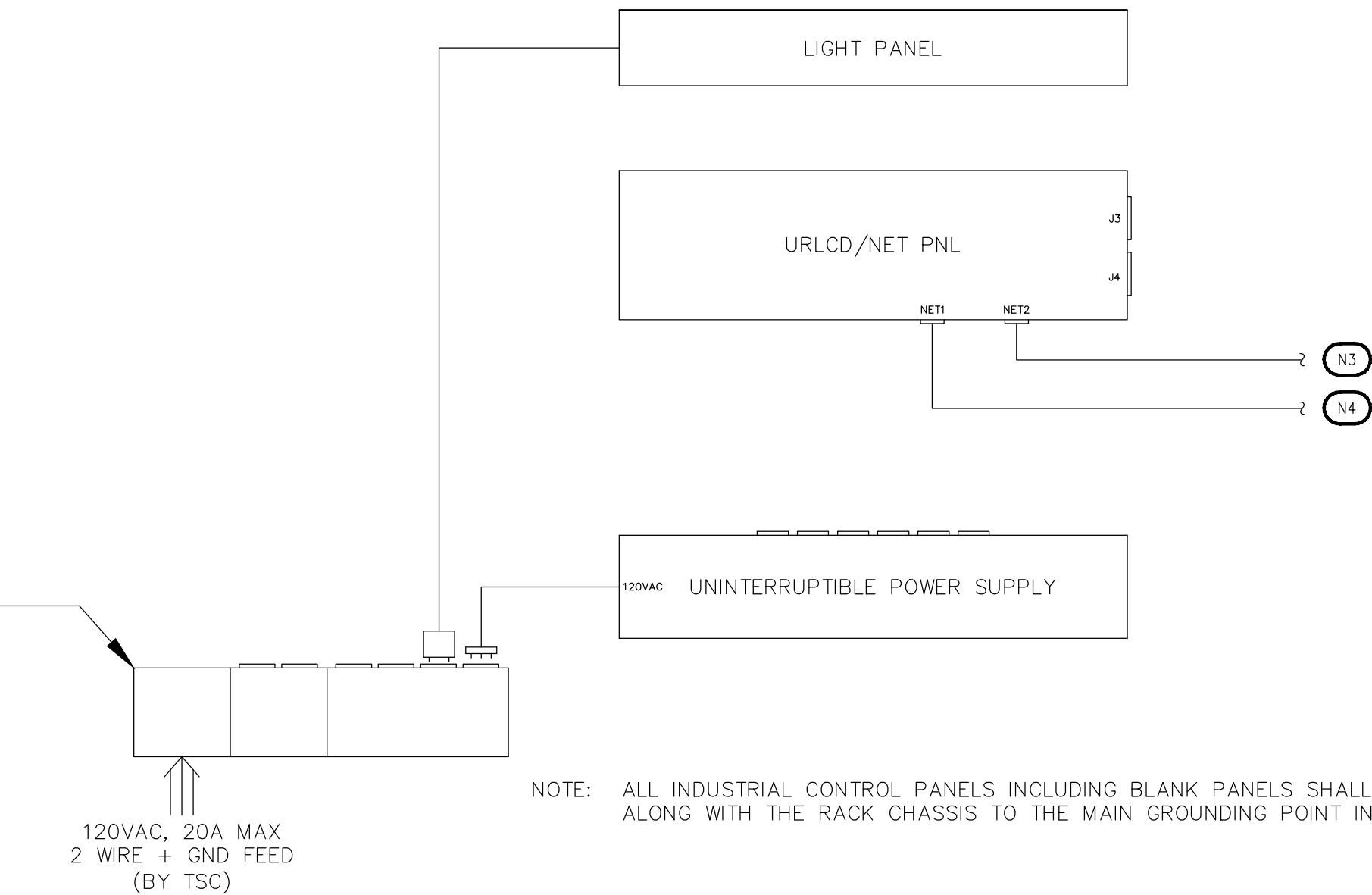
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AS - BUILT	TW	12/9/13	TJ/MP	JOB: LOCATION:
				CONTRACT WITH: TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE: SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APPD.	FILE NAME: APC-UPS-1500.DWG
DRAWING:	15027855-35	REV.	A	TITLE: APC 1500VA RACK-MOUNTED UNINTERRUPTIBLE POWER SUPPLY - PHYSICAL



(3) 4" SQUARE RACO BACK BOXES
& COVERS W/3 EDISON DUPLEXES
MOUNTED IN REAR OF RACK

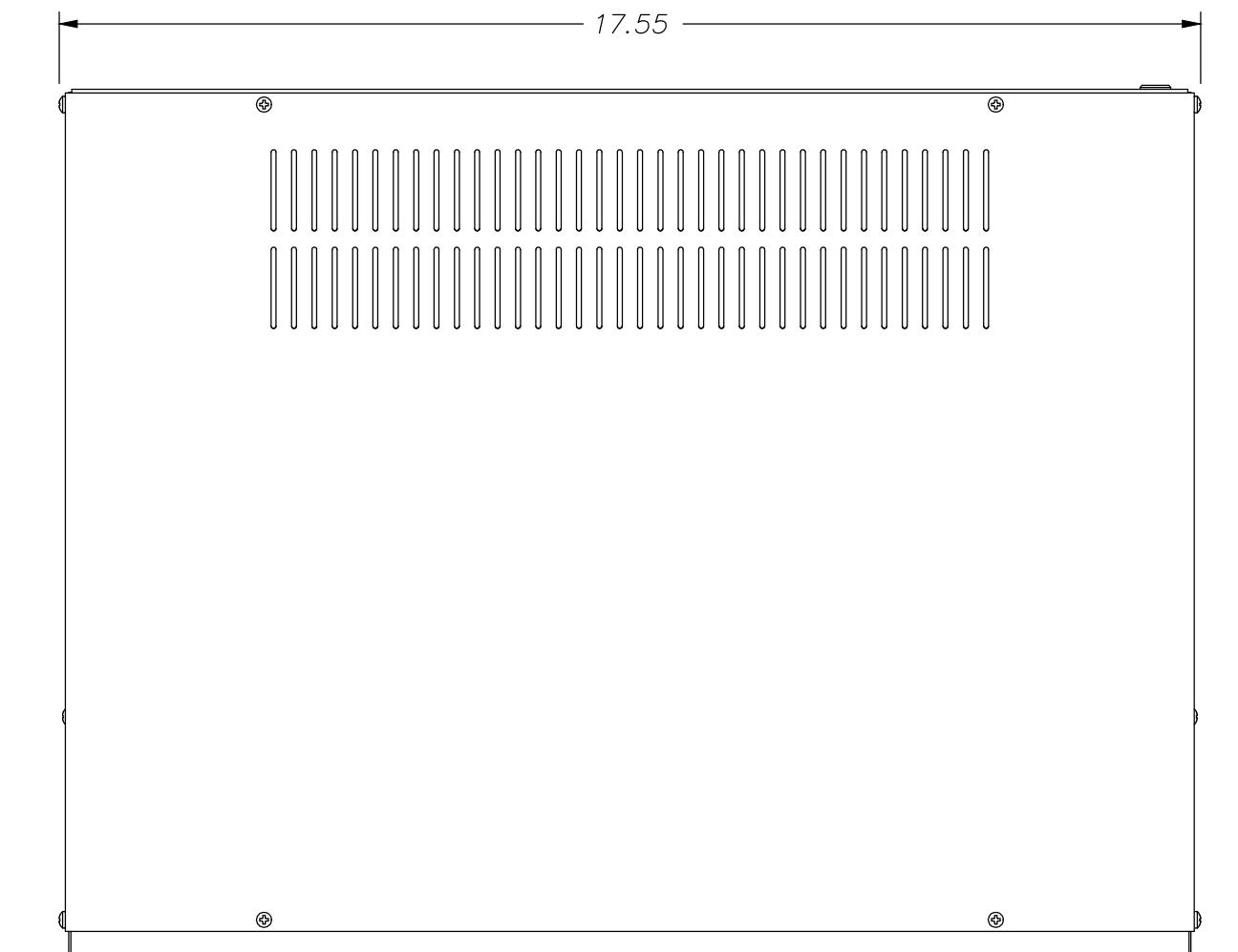


Electronic Theatre Controls Inc																																			
3031 Pleasant View Rd PO Box 620979 Middleton WI 53562-0979 Tel 608 831 4116 Toll Free 800 688 4116 Fax 608 836 1736 www.etconnect.com																																			
UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.																																			
<table border="1"> <tr> <td>AS - BUILT</td><td>TW</td><td>12/9/13</td><td>TJ/MP</td><td>JOB: LOCATION:</td><td>RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS</td></tr> <tr> <td></td><td></td><td></td><td></td><td>CONTRACT WITH:</td><td>TEXAS SCENIC COMPANY</td></tr> <tr> <td>SUBMITTAL</td><td>MAB</td><td>5/17/13</td><td>TJ/MP</td><td>REPRESENTATIVE:</td><td>SPECTRUM LIGHTING</td></tr> <tr> <td>DWG. STATUS</td><td>BY</td><td>DATE</td><td>APP'D.</td><td>FILE NAME:</td><td>TITLE.DWG</td></tr> <tr> <td>DRAWING:</td><td>15027855-37</td><td>REV.</td><td>SMP</td><td colspan="2">TITLE: EQUIPMENT RACK - ELECTRICAL</td></tr> </table>						AS - BUILT	TW	12/9/13	TJ/MP	JOB: LOCATION:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS					CONTRACT WITH:	TEXAS SCENIC COMPANY	SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:	SPECTRUM LIGHTING	DWG. STATUS	BY	DATE	APP'D.	FILE NAME:	TITLE.DWG	DRAWING:	15027855-37	REV.	SMP	TITLE: EQUIPMENT RACK - ELECTRICAL	
AS - BUILT	TW	12/9/13	TJ/MP	JOB: LOCATION:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS																														
				CONTRACT WITH:	TEXAS SCENIC COMPANY																														
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:	SPECTRUM LIGHTING																														
DWG. STATUS	BY	DATE	APP'D.	FILE NAME:	TITLE.DWG																														
DRAWING:	15027855-37	REV.	SMP	TITLE: EQUIPMENT RACK - ELECTRICAL																															

REAR VIEW



TOP VIEW (LIGHT SHELF RETRACTED)



FRONT VIEW



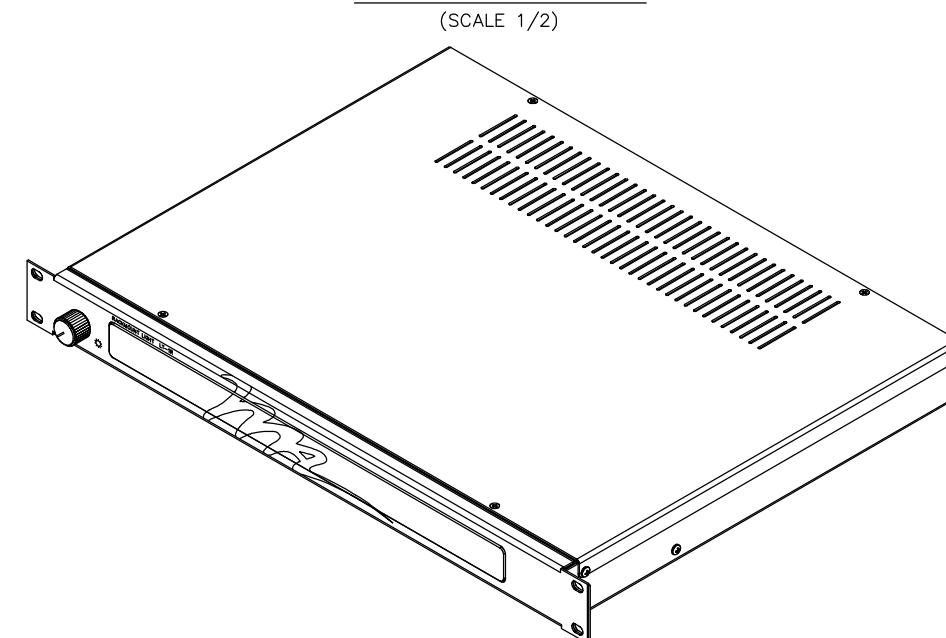
PARTS LIST			
ITEM	QTY.	DESCRIPTION	DESIGNATION
A	1	RACK MOUNT LIGHT PANEL	MIDDLE ATLANTIC PRODUCTS/LT-1R
			PART NUMBER SGE1200

NOTES:

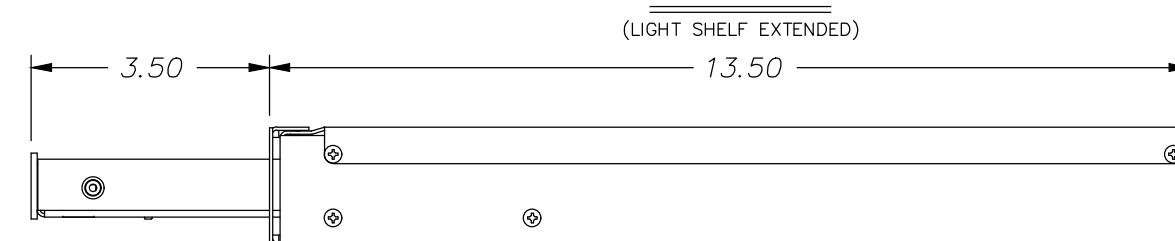
- 1.) RACK MOUNT LIGHT PANEL IS MANUFACTURED BY MIDDLE ATLANTIC PRODUCTS, INC. ALL DETAILS AND FEATURES SHALL PERTAIN TO MIDDLE ATLANTIC PRODUCTS MODEL #LT-1R.
- 2.) RACK MOUNT LIGHT PANEL IS PROVIDED WITH A UL LISTED PLUG-IN POWER SUPPLY. 100-240VAC 50-60Hz 2A. INPUT, 5VDC 600mA OUTPUT. (NOT SHOWN)
- 3.) RACK MOUNT LIGHT PANEL MEETS OR EXCEEDS REQUIREMENTS FOR EACH OF THE FOLLOWING STANDARDS:



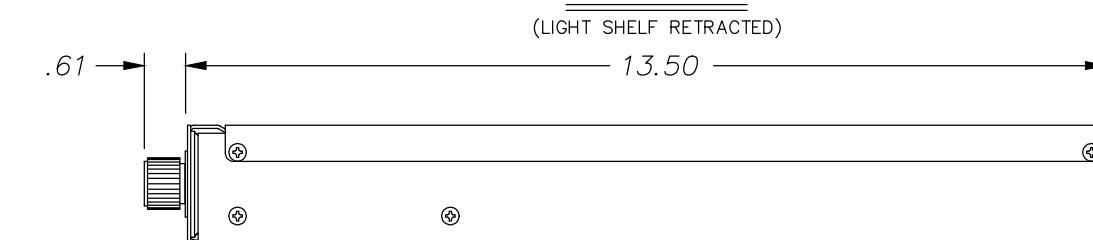
ISOMETRIC VIEW



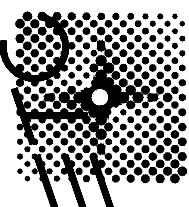
SIDE VIEW



SIDE VIEW



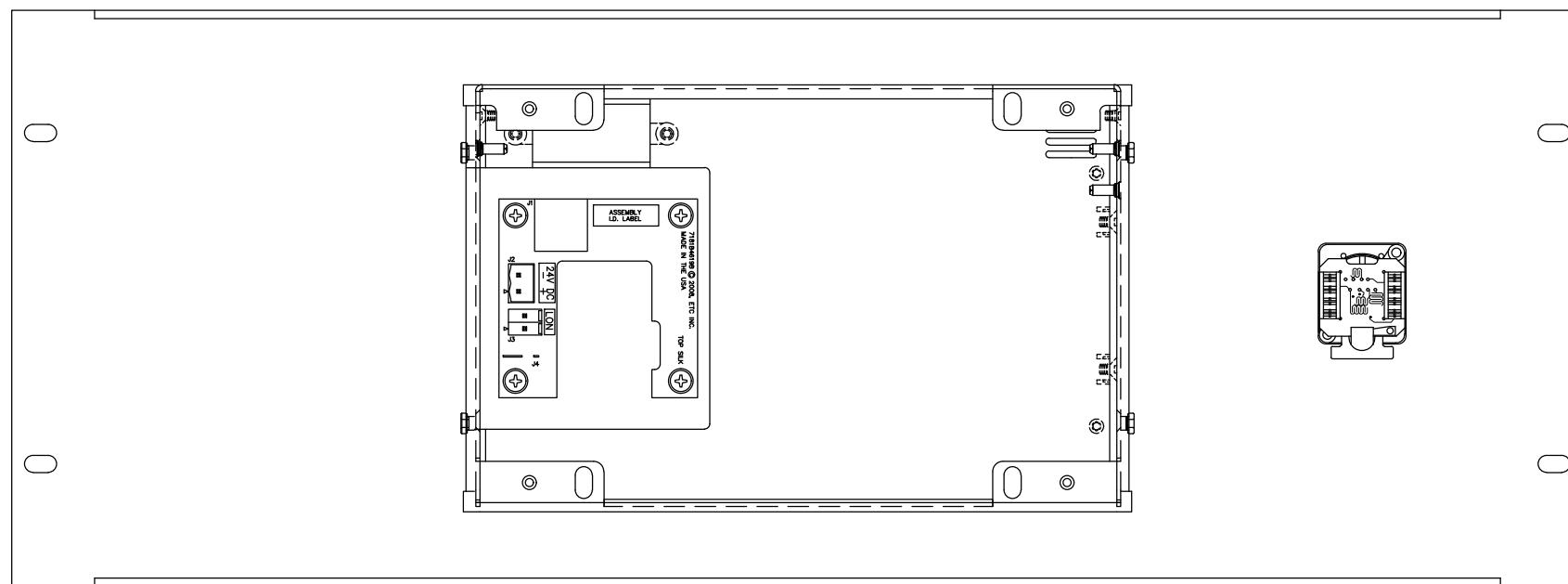
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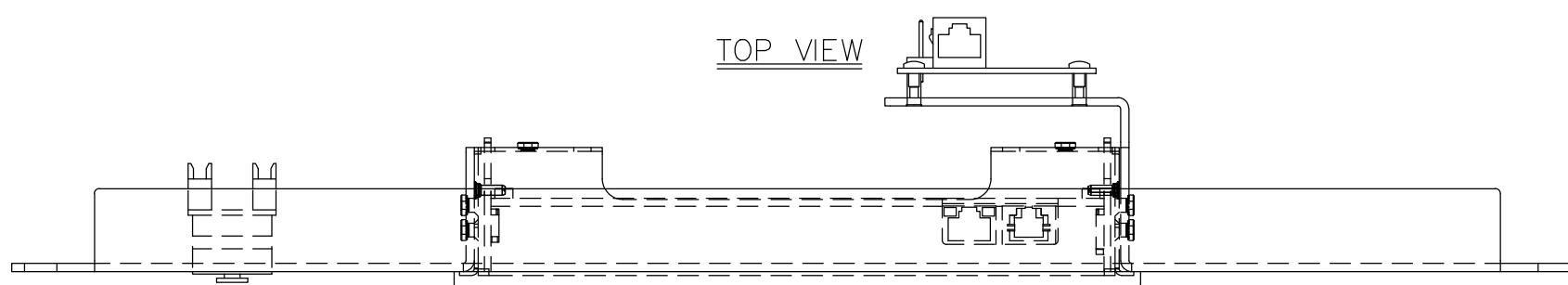
UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

AS - BUILT	TW	12/9/13	TJ/MP	JOB: LOCATION:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS
				CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APPD.		FILE NAME: MAP-LT-1R.DWG
DRAWING:	15027855-38	REV.	A	TITLE:	MIDDLE ATLANTIC PRODUCTS, INC. LT-1R RACK MOUNT RETRACTABLE LIGHT PANEL - PHYSICAL

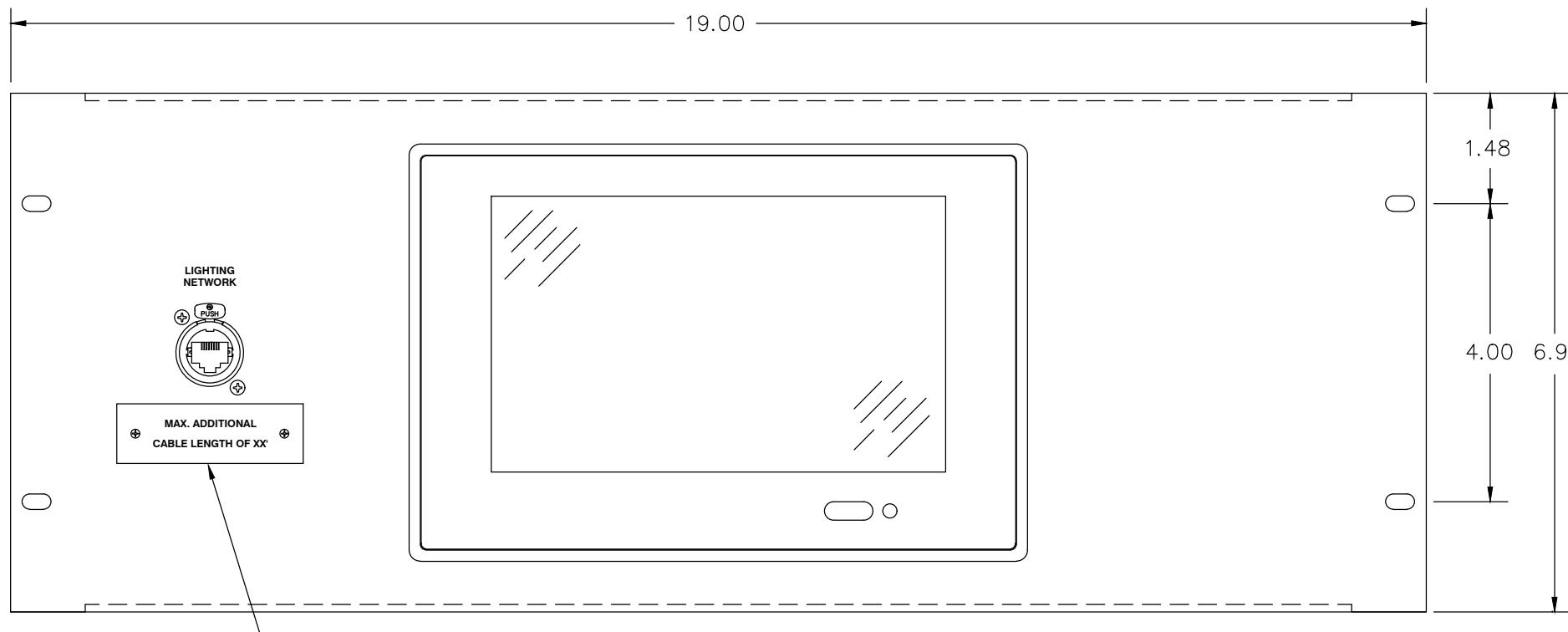
REAR VIEW



TOP VIEW



FRONT VIEW



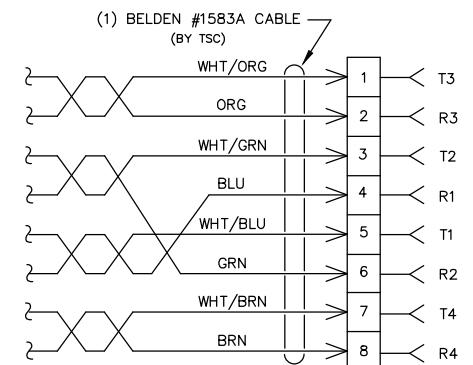
PARTS LIST		
ITEM	QTY.	DESCRIPTION
A	1	15027855-39-A PLCD/NET PNL

DESIGNATION _____
PART NUMBER
TL27855-ARCH5

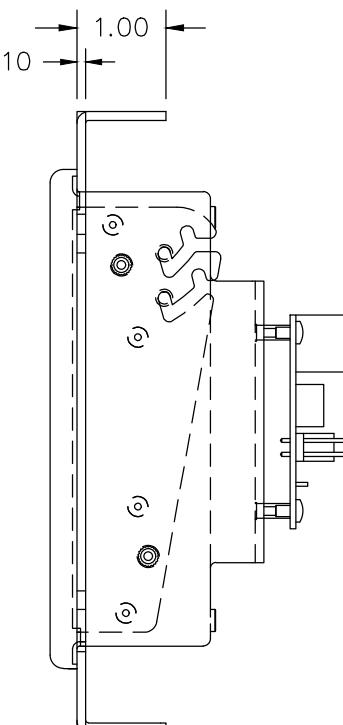
NOTES:

- 1.) RACK PANEL IS CONSTRUCTED OF .10 ALUMINUM AND IS FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.
- 2.) RACK PANEL IS 4 E.I.A. RACK UNITS IN HEIGHT.
- 3.) RACK PANEL IS  LISTED.
- 4.) ETCNet LAMICOID LABEL IS SHOWN FOR REFERENCE ONLY. LAMICOID LABEL DOES NOT SHIP ATTACHED TO PANEL.
- 5.) ALL NOMENCLATURE IS ENGRAVED IN WHITE.

ELECTRICAL DIAGRAM

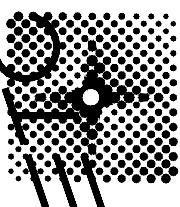


SIDE VIEW



Electronic Theatre Controls Inc

3031 Pleasant View Rd
PO Box 620979
Middleton WI 53562-0979
Tel 608 831 4116
Toll Free 800 688 4116
Fax 608 836 1736
www.etcconnect.com



UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

UPLCD-RM.DWG

FILE NAME:

SPECTRUM LIGHTING

DWG. STATUS BY DATE APPD. REV. TITLE: PLCD/Net PARADIGM TOUCHSCREEN — PHYSICAL & ELECTRICAL

RICHARDSON HIGH SCHOOL
RICHARDSON, TEXAS
CONTRACT WITH:
TEXAS SCENIC COMPANY

AS - BUILT	TW	12/9/13	TJ/NP	JOB: LOCATION:
SUBMITTAL	MAB	5/17/13	TJ/NP	REPRESENTATIVE:
DWG. STATUS	BY	DATE	APPD.	FILE NAME: UPLCD-RM.DWG

15027855-39

A

REV.

TITLE:

PLCD/Net

PARADIGM TOUCHSCREEN

—

PHYSICAL &

ELECTRICAL

ETCNet LAMICOID LABEL
(SEE DWG. 47)

PARTS LIST

ITEM	QTY.	DESCRIPTION
A	1	APC 1500VA UNINTERRUPTIBLE POWER SUPPLY
B	2	APC SPARE BATTERY SET

DESIGNATION
(NOT SHOWN)

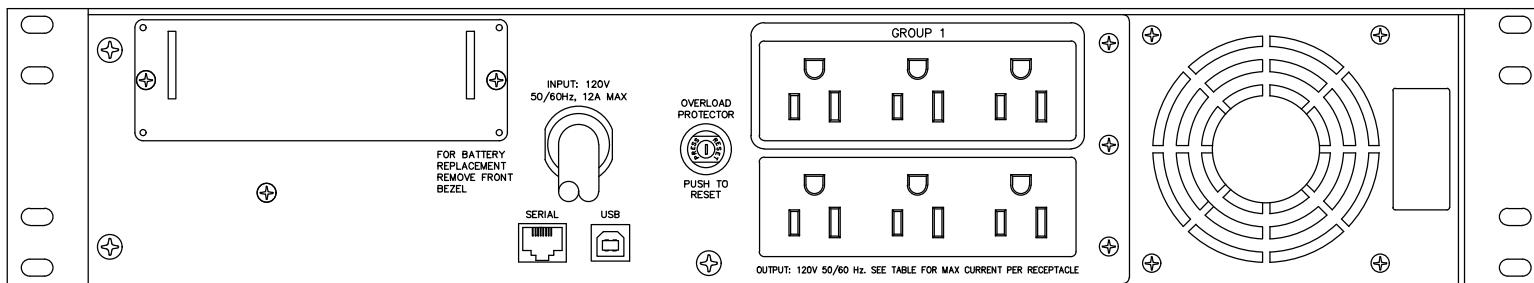
PART NUMBER
SGPS07
SGPS1008

NOTES:

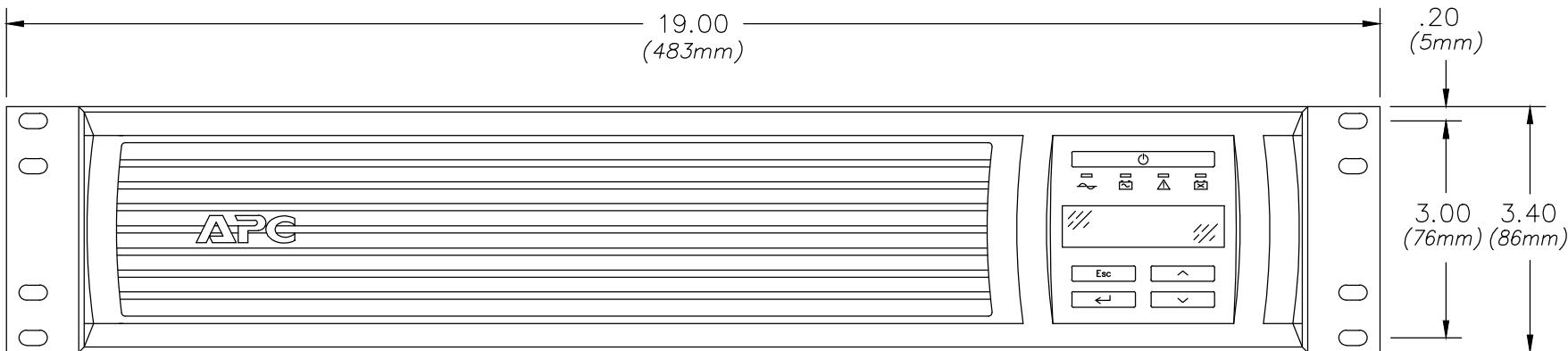
- 1.) UNINTERRUPTIBLE POWER SUPPLY IS MANUFACTURED BY APC. ALL DETAILS AND FEATURES SHALL PERTAIN TO APC SMT1500RM2U SPECIFICATIONS.
- 2.) UNINTERRUPTIBLE POWER SUPPLY IS 2 E.I.A. RACK UNITS IN HEIGHT.
- 3.) UNINTERRUPTIBLE POWER SUPPLY MEETS OR EXCEEDS REQUIREMENTS FOR EACH OF THE FOLLOWING STANDARDS:



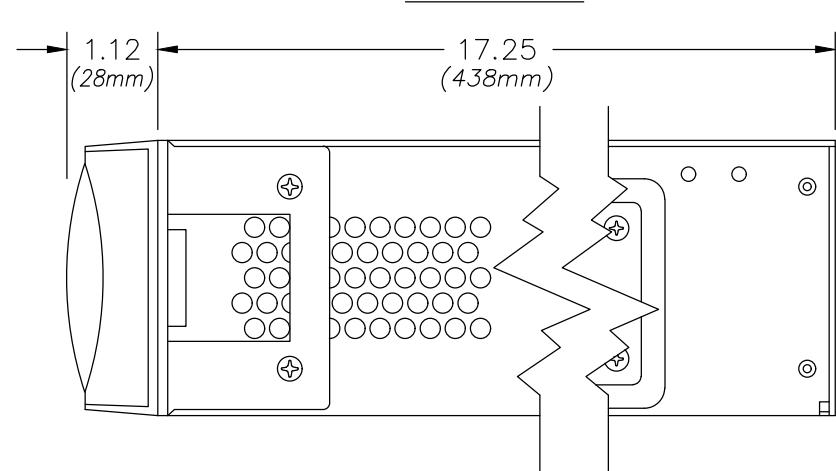
REAR VIEW



FRONT VIEW



SIDE VIEW



Electronic Theatre Controls Inc

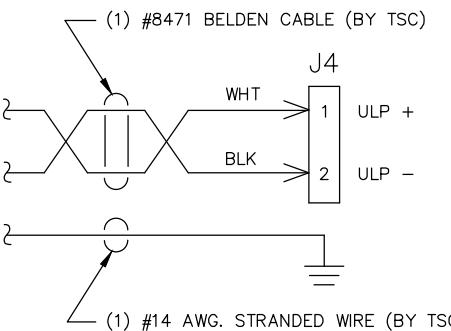
3031 Pleasant View Rd
PO Box 620979
Middleton WI 53562-0979
Tel 608 831 4116
Toll Free 800 688 4116
Fax 608 836 1736
www.etconnect.com

UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

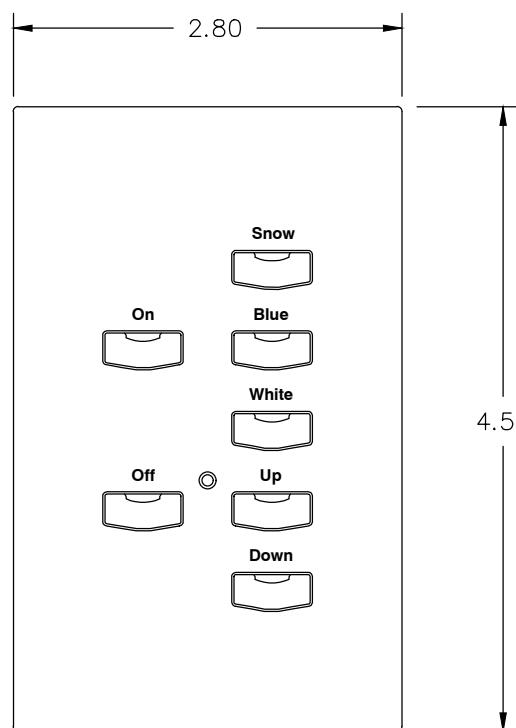
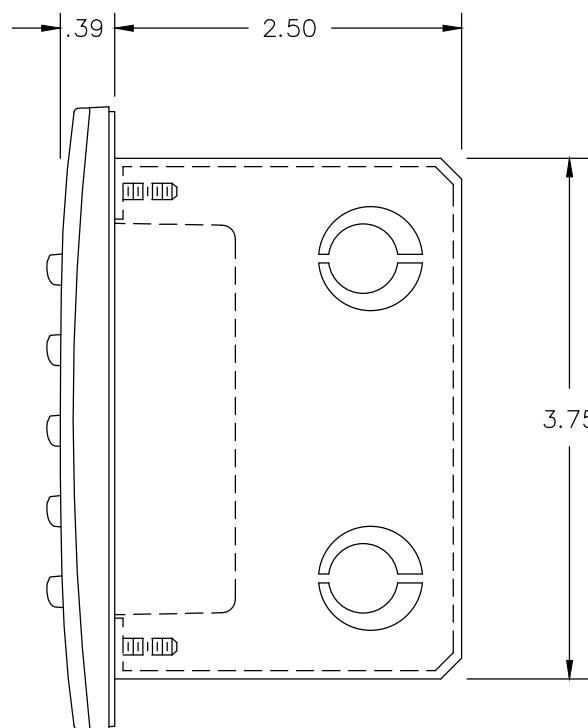
AS - BUILT	TW	12/9/13	TJ/MP	JOB:	RICHARDSON HIGH SCHOOL
				LOCATION:	RICHARDSON, TEXAS
				CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APPD.	FILE NAME:	APC-UPS-1500.DWG
DRAWING:	15027855-40	REV.	A	TITLE:	APC 1500VA RACK-MOUNTED UNINTERRUPTIBLE POWER SUPPLY - PHYSICAL

PARTS LIST

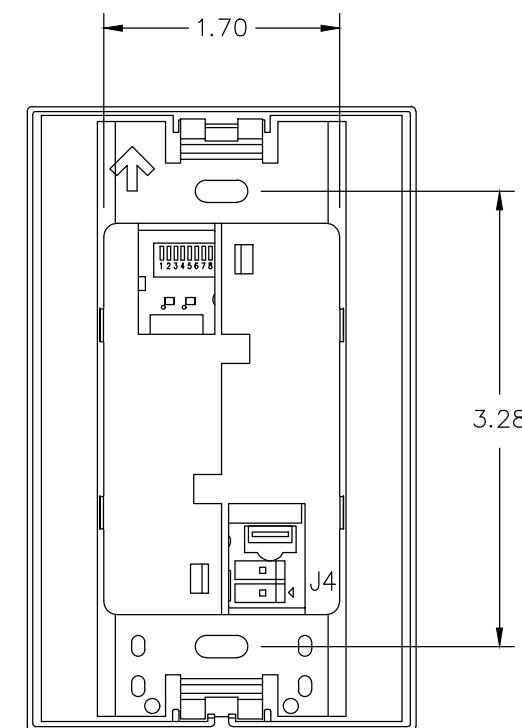
ITEM	QTY.	DESCRIPTION	DESIGNATION	PART NUMBER
A	1	15027855-41-A IDX ELECTRONICS ASSEMBLY; UNISON UH10007		
B	1			TL27855-ARCH6 7181B2007

ELECTRICAL DIAGRAMNOTES:

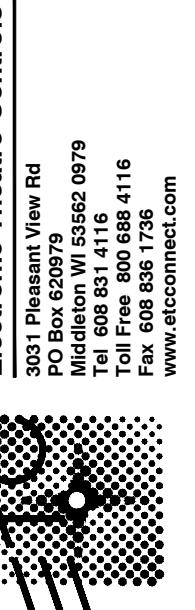
- 1.) FACE PANEL IS A CREAM ABS INJECTION-MOLDED PLASTIC.
- 2.) ALL NOMENCLATURE IS LASER MARKED WITH A CONTRASTING COLOR.
- 3.) BACK BOX SHALL BE SINGLE GANG 2.50" DEEP RACO #690 (OR EQUIVALENT) AND IS SUPPLIED BY OTHERS.
- 4.) STATION MEETS OR EXCEEDS REQUIREMENTS FOR THE FOLLOWING MARKINGS:
- 5.) IDX CONTROL STATIONS ARE LOCATED AS FOLLOWS:
- FLY RAIL

FRONT VIEWSIDE VIEWREAR VIEW

(BACK BOX REMOVED)

Electronic Theatre Controls Inc

3031 Pleasant View Rd
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Fax 608 836 1736
www.etconnect.com



UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

AS - BUILT	TW	12/9/13	TJ/MF	JOB: LOCATION:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS
REVISION B	CA	7/24/13	TJ/MF	CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MF	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APPD.		FILE NAME: UH10007.DWG
DRAWING: 15027855-41	REV. B	TITLE: IDX CONTROL STATION	—	PHYSICAL & ELECTRICAL	

PARTS LIST		
ITEM	QTY.	DESCRIPTION
A	7	FACE PANEL ASSEMBLY; UNISON UH10010
B	7	ELECTRONICS ASSEMBLY; UNISON UH10010

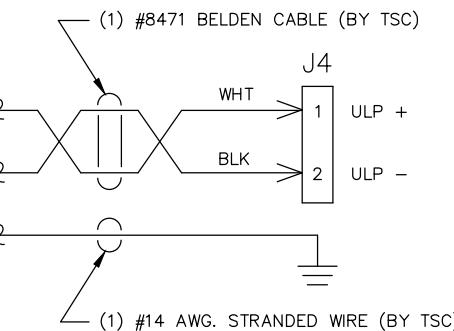
DESIGNATION
PART NUMBER
7181A2205-1A
7181B2008

Electronic Theatre Controls Inc

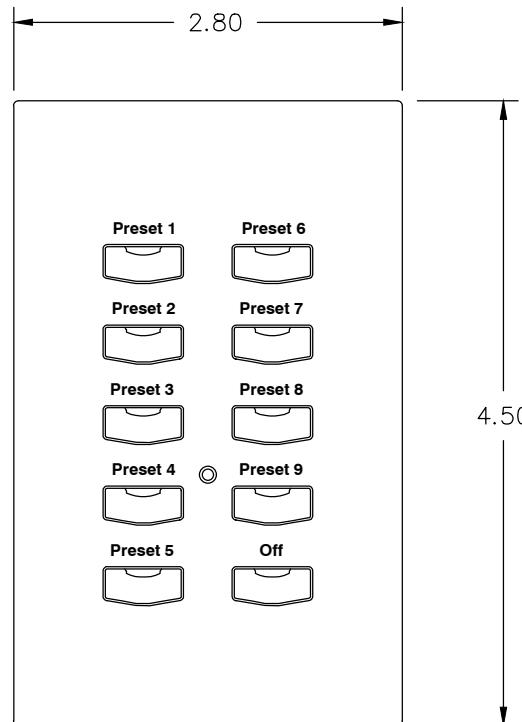
3031 Pleasant View Rd
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Middleton WI 53562-0979
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Toll Free 800 688 4116
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www.etconnect.com

UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

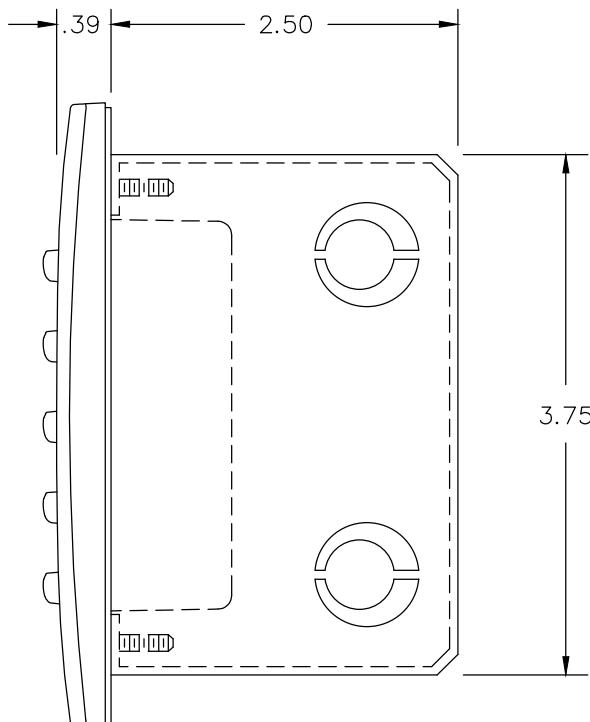
ELECTRICAL DIAGRAM



FRONT VIEW



SIDE VIEW



NOTES:

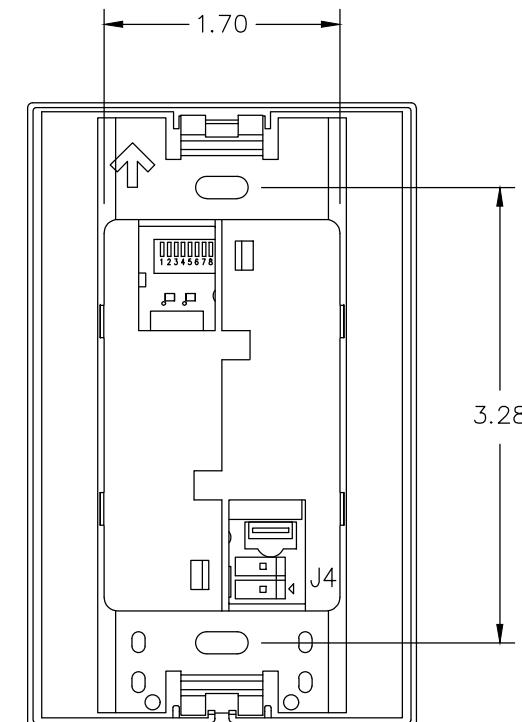
- 1.) FACE PANEL IS A CREAM ABS INJECTION-MOLDED PLASTIC.
- 2.) ALL NOMENCLATURE IS LASER MARKED WITH A CONTRASTING COLOR.
- 3.) BACK BOX SHALL BE SINGLE GANG 2.50" DEEP RACO #690 (OR EQUIVALENT) AND IS SUPPLIED BY OTHERS.
- 4.) STATION MEETS OR EXCEEDS REQUIREMENTS FOR THE FOLLOWING MARKINGS:



- 5.) STATION LOCATIONS ARE AS FOLLOWS;

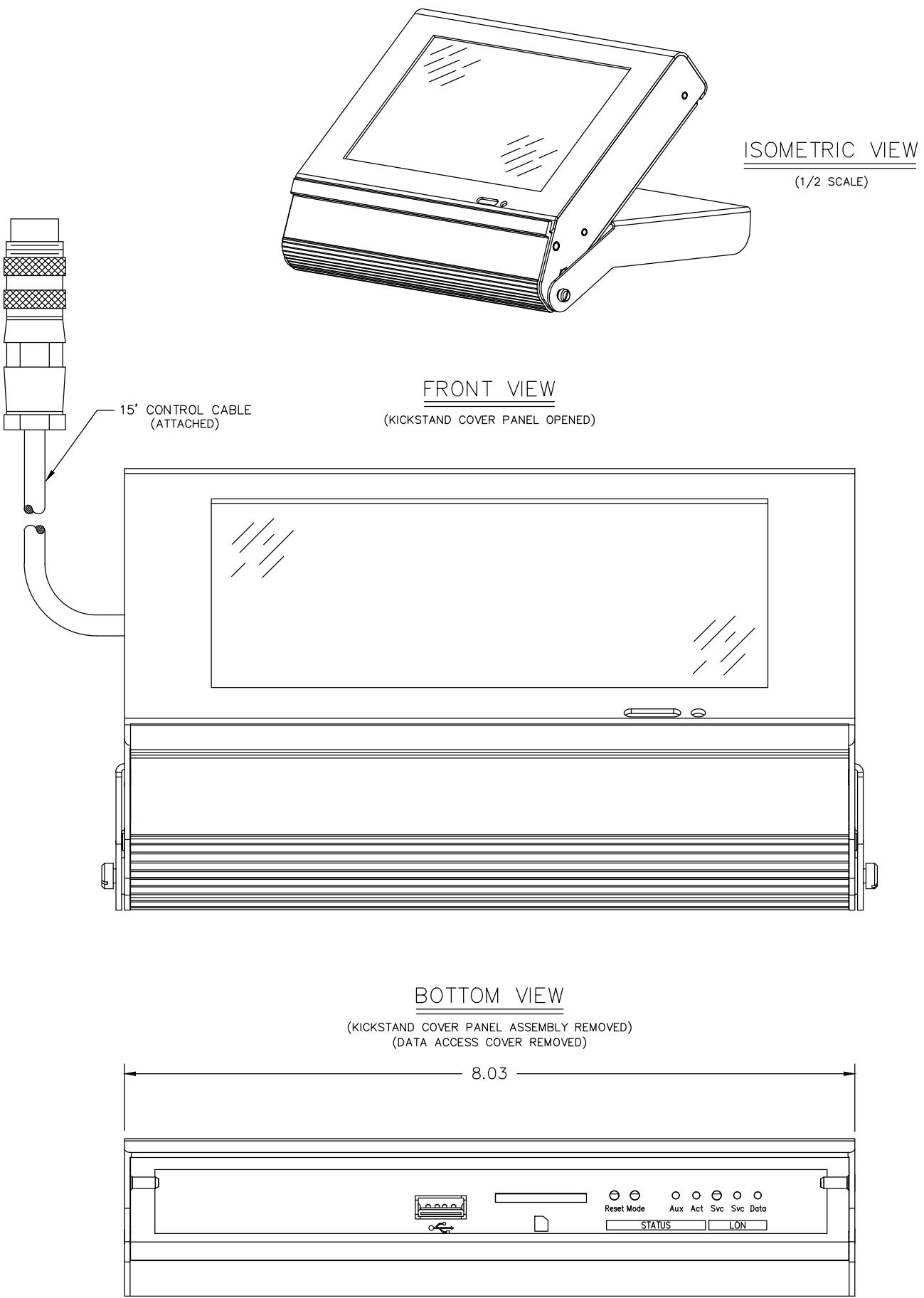
 - SR
 - SL
 - USR
 - CATWALK
 - HR ENTRANCE
 - HL ENTRANCE
 - HL CORRIDOR

REAR VIEW
(BACK BOX REMOVED)



AS - BUILT	TW	12/9/13	TJ/MP	JOB: LOCATION:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS
				CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APP'D.		FILE NAME: UH10010.DWG

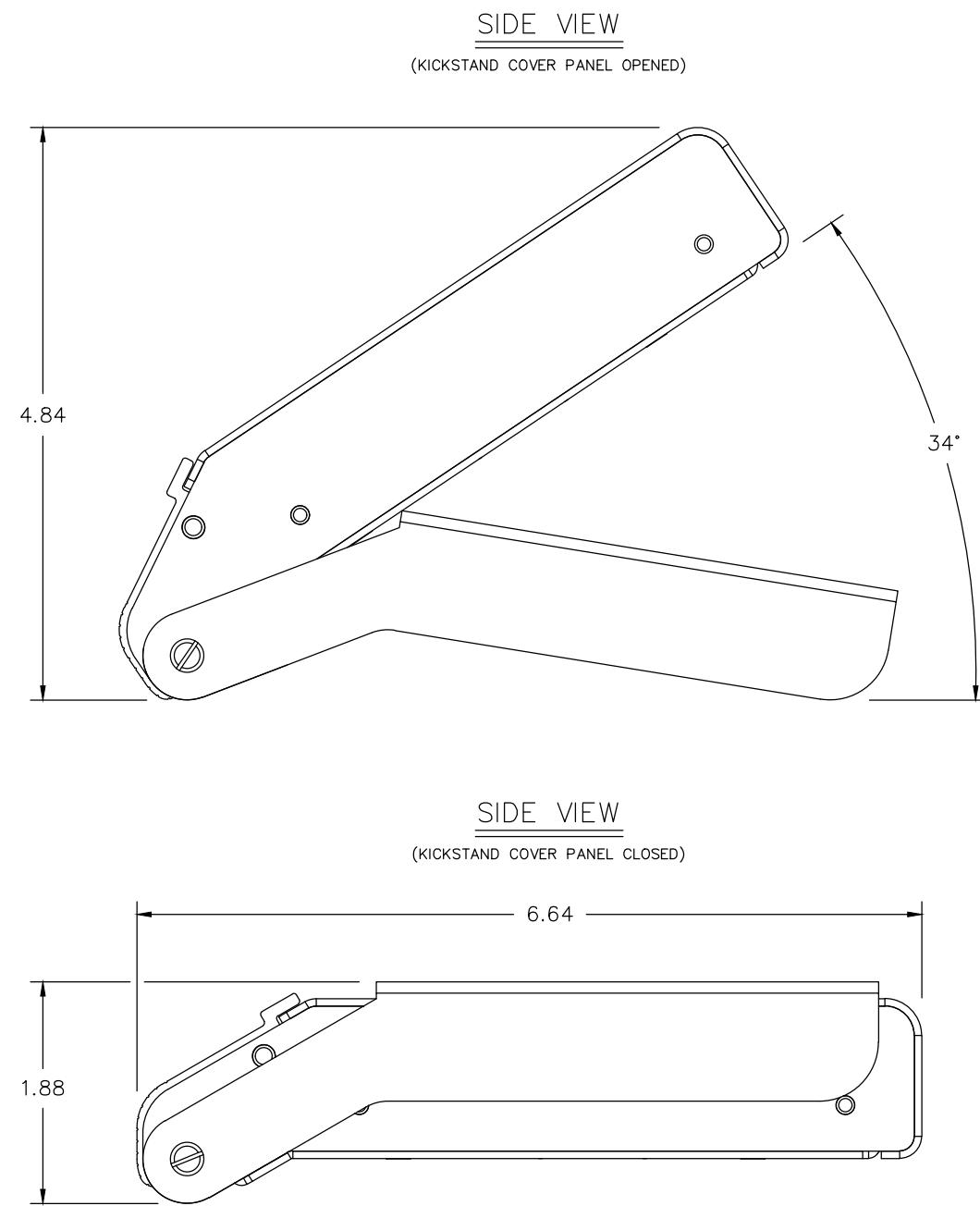
DRAWING: 15027855-42 REV. A TITLE: UNISON UH10010 - PHYSICAL & PRESET STATION - ELECTRICAL



PARTS LIST			
ITEM	QTY.	DESCRIPTION	DESIGNATION
A	1	UNISON P-LCD-P PORTABLE TOUCHSCREEN	
B	1	15' EXTENSION CABLE	(NOT SHOWN)

NOTES:

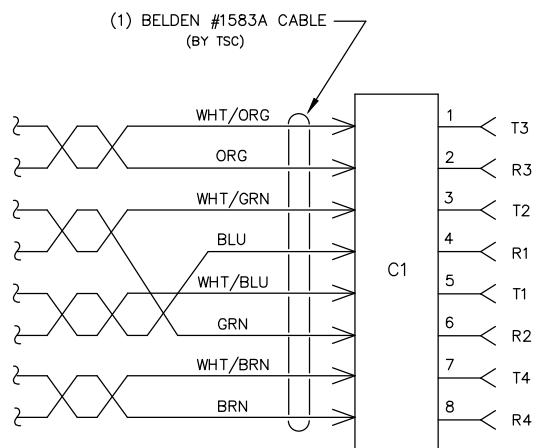
- 1.) PORTABLE TOUCHSCREEN ENCLOSURE IS CONSTRUCTED OF .06 ALUMINUM AND IS FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.
- 2.) TOUCHSCREEN MEETS OR EXCEEDS REQUIREMENTS FOR THE FOLLOWING MARKINGS:



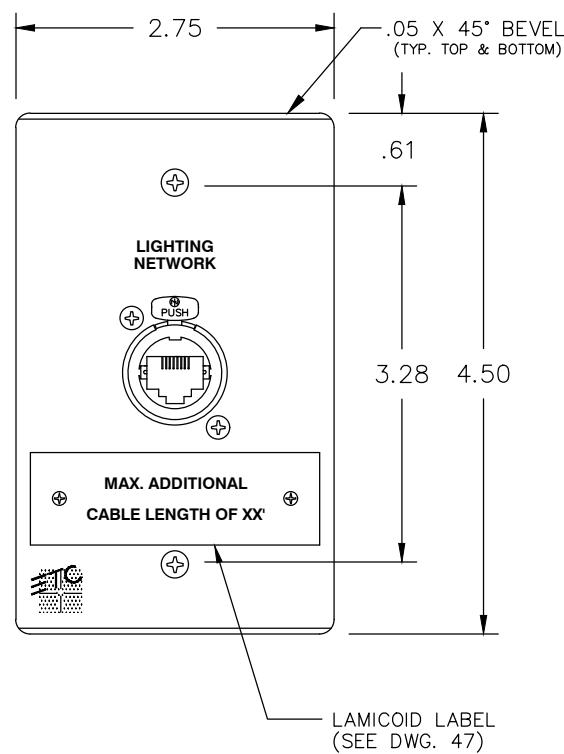
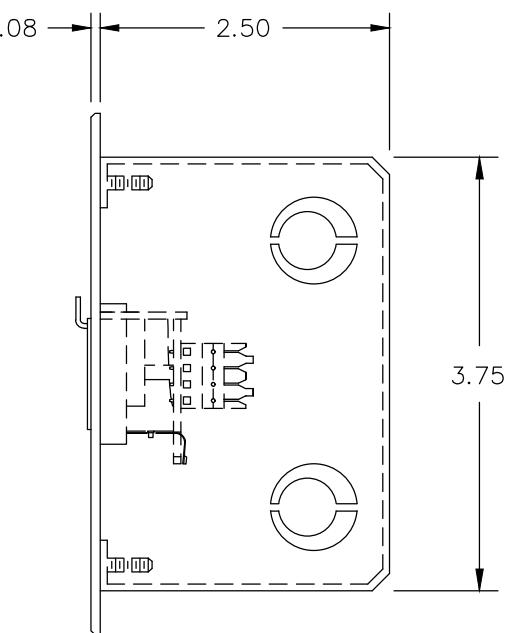
Electronic Theatre Controls Inc	
3031 Pleasant View Rd PO Box 620979 Middleton WI 53562-0979 Tel 608 831 4116 Toll Free 800 688 4116 Fax 608 836 1736 www.etconnect.com	UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.
RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS	
CONTRACT WITH: TEXAS SCENIC COMPANY	
SUBMITTAL MAB 5/17/13	REPRESENTATIVE: SPECTRUM LIGHTING
DWG. STATUS DRAWING: 15027855-43	FILE NAME: UPLCD-P.DWG
AS - BUILT	TW 12/9/13 TJ/NP
	JOB: LOCATION:
REV. A	TITLE: UNISON P-LCD-P PORTABLE PARADIGM TOUCHSCREEN - PHYSICAL
BY	DATE APP'D.

PARTS LIST

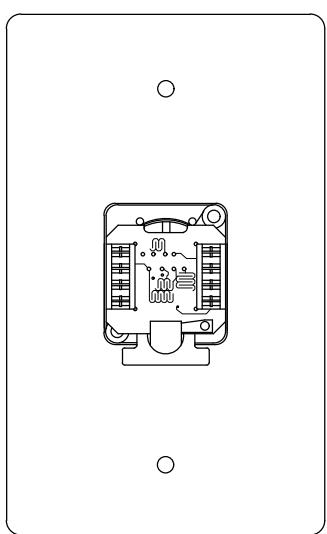
ITEM	QTY.	DESCRIPTION	DESIGNATION	PART NUMBER
A	12	15027855-44-NET STN		
B	12	AAS 1 GANG SURFACE BOX 2.5"		TL27588-ARCH7 1064A1023

ELECTRICAL DIAGRAMNOTES:

- 1.) FACE PANEL IS .08 ALUMINUM FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.
- 2.) ALL NOMENCLATURE IS ENGRAVED IN WHITE.
- 3.) BACK BOX SHALL BE SINGLE GANG 2.50" DEEP RACO #690 (OR EQUIVALENT), AND IS SUPPLIED BY OTHERS. GANGABLE BACK BOX IS NOT ACCEPTABLE.
- 4.) ETCNET LAMICOID LABEL IS SHOWN FOR REFERENCE ONLY. LAMICOID LABEL DOES NOT SHIP ATTACHED TO PANEL.
- 5.) PLUG-IN STATIONS ARE LOCATED AS FOLLOWS:
 - CATWALK/FOH1
 - (2) FOH2
 - DSR
 - USL
 - DSL
 - (2) FOH1
 - ORCH PIT
 - (2) SIDE LIGHTING
 - USR

FRONT VIEWSIDE VIEWREAR VIEW

(BACK BOX AND WIRE CONNECTORS REMOVED)

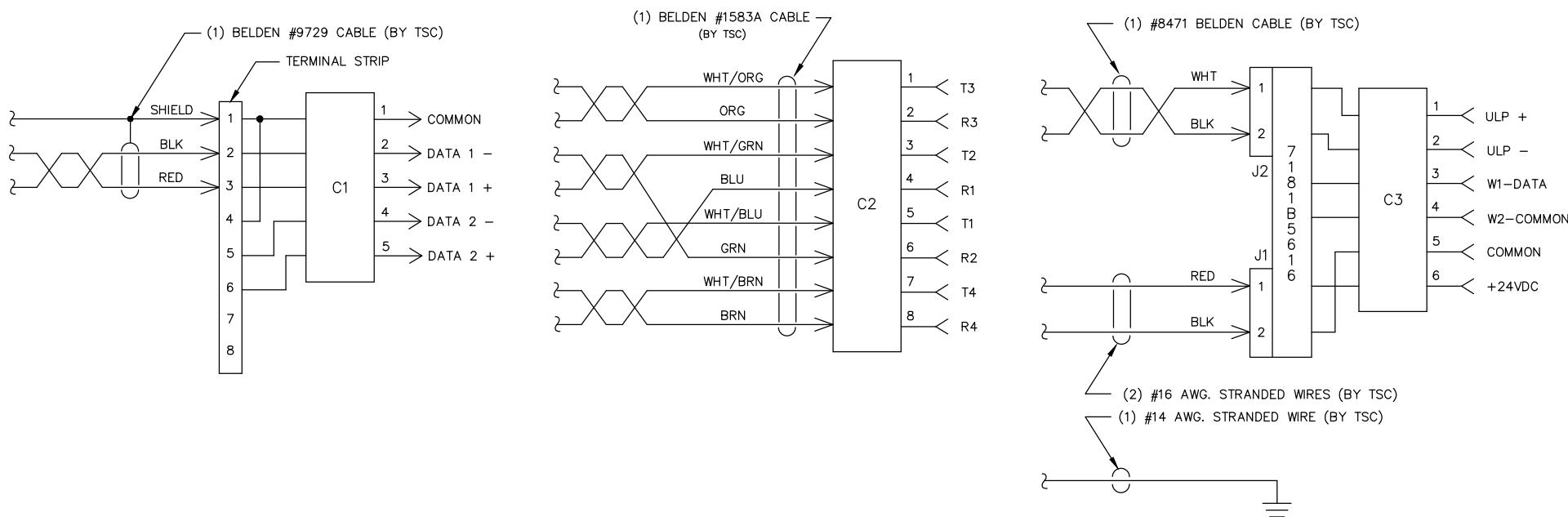
Electronic Theatre Controls Inc

3031 Pleasant View Rd
PO Box 620979
Middleton WI 53562-0979
Tel 608 831 4116
Toll Free 800 688 4116
Fax 608 836 1736
www.etconnect.com

UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

AS - BUILT	TW	12/9/13	TJ/MP	JOB:	RICHARDSON HIGH SCHOOL
REVISION B	CA	7/24/13	TJ/MP	LOCATION:	RICHARDSON, TEXAS
SUBMITTAL	MAB	5/17/13	TJ/MP	CONTRACT WITH:	TEXAS SCENIC COMPANY
DWG. STATUS	BY	DATE	APPD.	REPRESENTATIVE:	SPECTRUM LIGHTING
DRAWING: 15027855-44	REV. B	5/17/13	ECPB-ETCNet PLUG-IN STATION	FILE NAME: ECPB-NET.DWG	PHYSICAL & ELECTRICAL

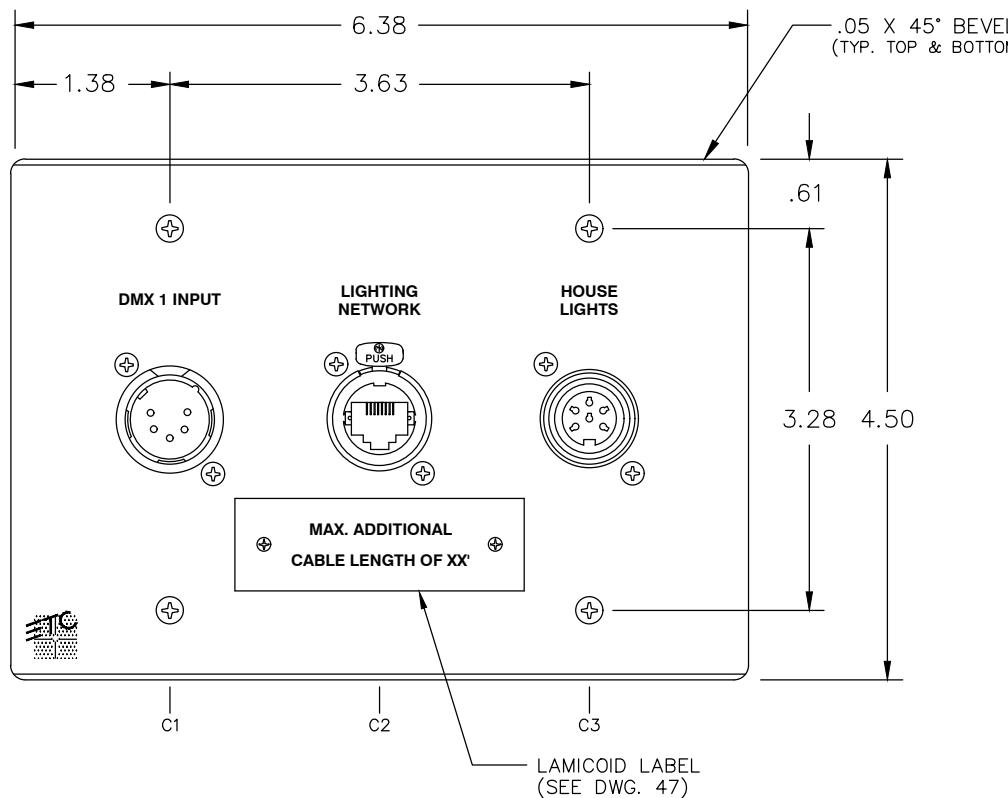
ELECTRICAL DIAGRAM



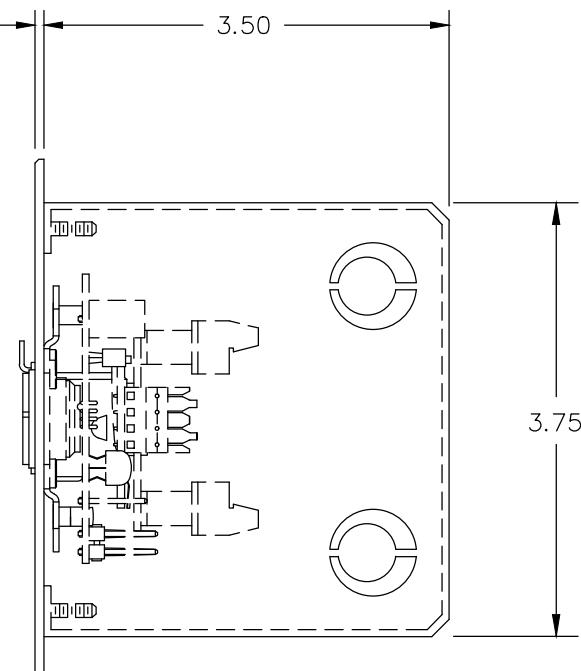
NOTES:

- 1.) FACE PANEL IS .08 ALUMINUM FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.
- 2.) ALL NOMENCLATURE IS ENGRAVED IN WHITE.
- 3.) BACK BOX SHALL BE THREE GANG RACO #697 (OR EQUIVALENT), AND IS SUPPLIED BY OTHERS. GANGABLE BACK BOX IS NOT ACCEPTABLE.
- 4.) ETCNet LAMICOID LABEL IS SHOWN FOR REFERENCE ONLY. LAMICOID LABEL DOES NOT SHIP ATTACHED TO PANEL.
- 5.) PLUG-IN STATION IS LOCATED AS FOLLOWS:
- CONTROL BOOTH

FRONT VIEW

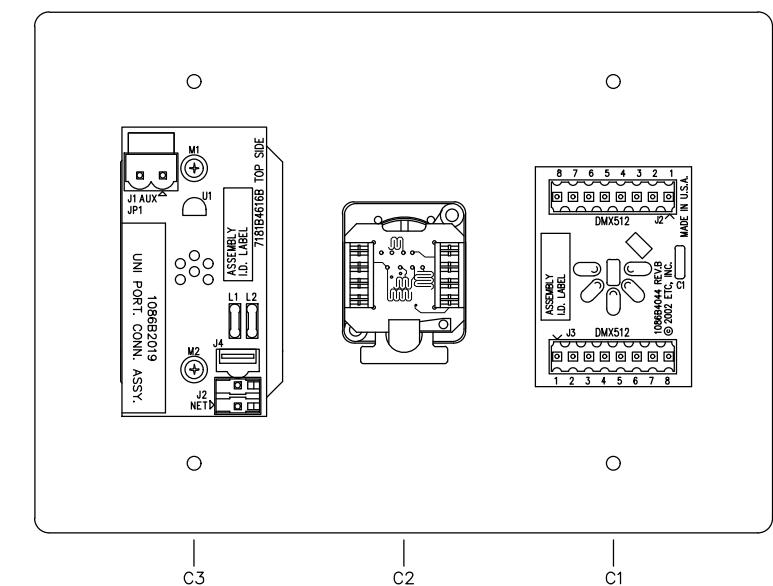


SIDE VIEW



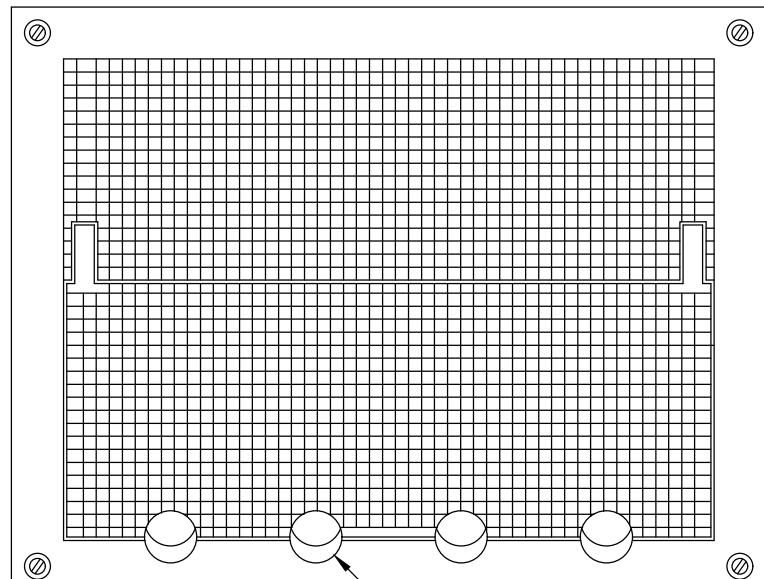
REAR VIEW

(BACK BOX AND WIRE CONNECTORS REMOVED)

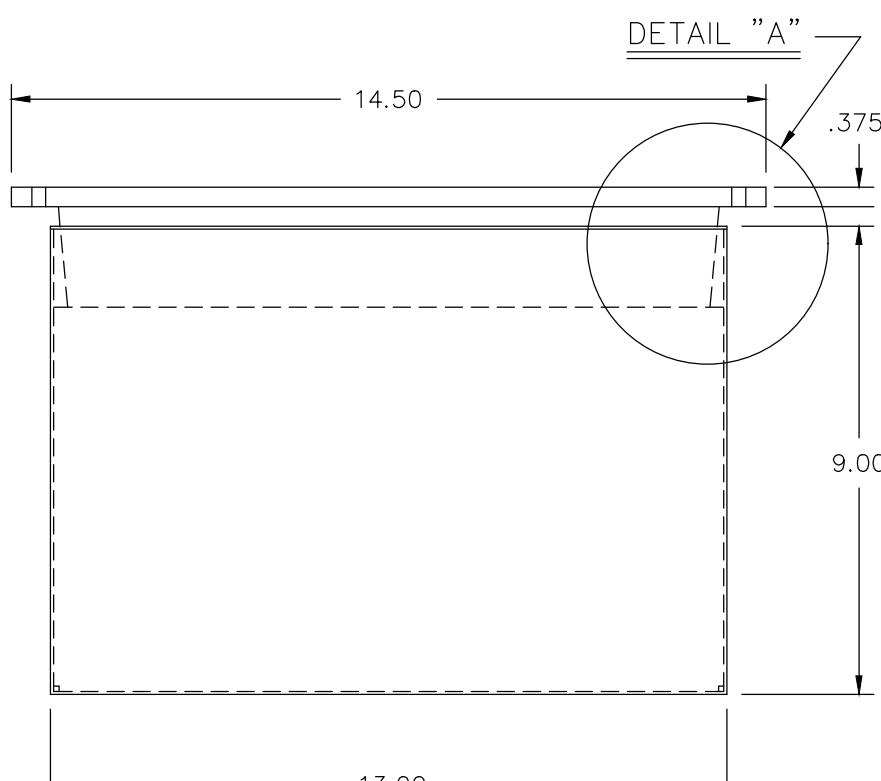


PARTS LIST					
ITEM	QTY.	DESCRIPTION	DESIGNATION	PART NUMBER	
A	1	15027855-45-A CRS			TL27855-ARCH8
Electronic Theatre Controls Inc					
3031 Pleasant View Rd PO Box 620979 Middleton WI 53562-0979 Tel 608 831 4116 Toll Free 800 688 4116 Fax 608 836 1736 www.etcconnect.com					
UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.					
AS - BUILT	TW	12/9/13	TJ/NP	JOB: LOCATION:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS
REVISION B	CA	7/24/13	TJ/NP	CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/NP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APP'D.	FILE NAME:	ECPB-D-N-U.Dwg
DRAWING: 15027855-45		REV. B	TITLE: CRS PLUG-IN STATION	PHYSICAL & ELECTRICAL	

TOP VIEW
(HINGED DOOR SHOWN CLOSED)



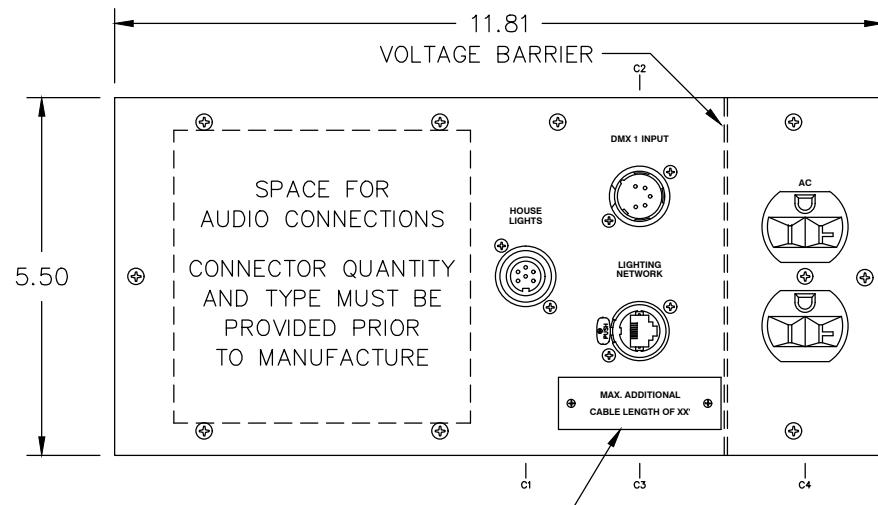
CABLE ACCESS HOLES



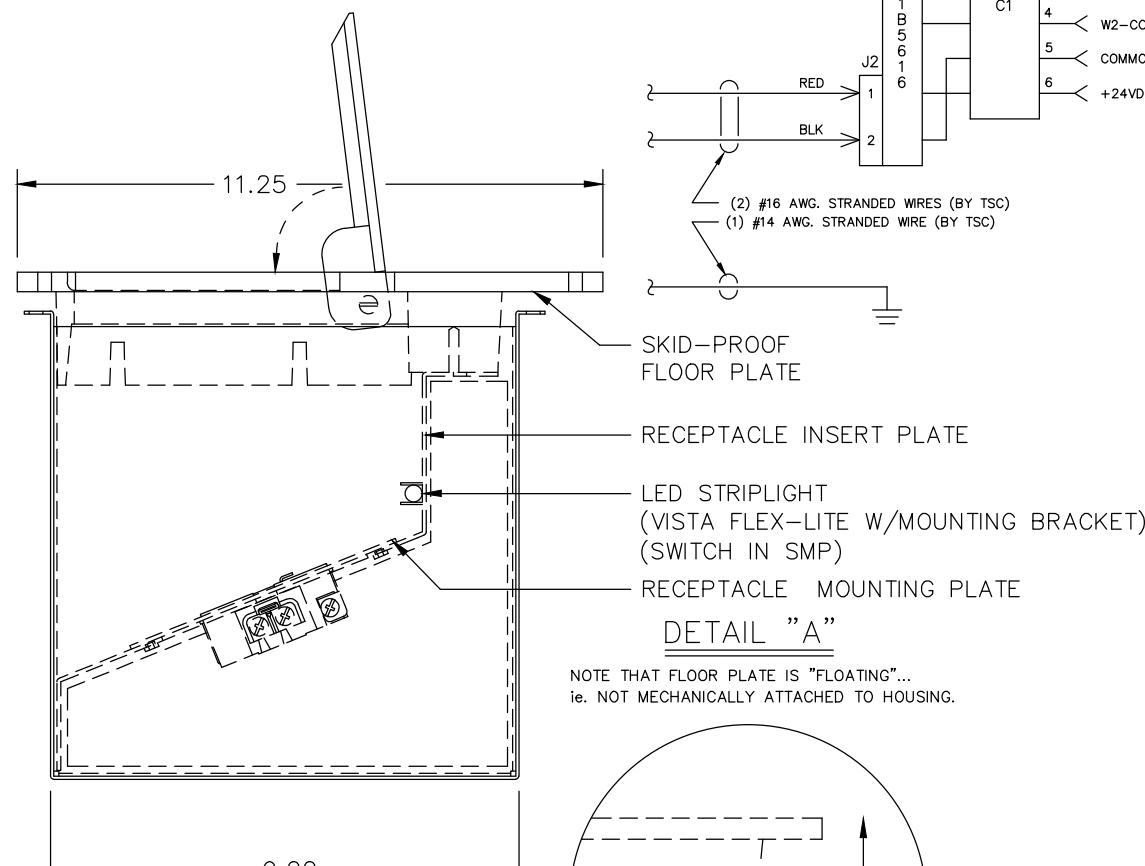
FRONT VIEW
(HINGED DOOR SHOWN CLOSED)

RECEPTACLE MOUNTING PLATE

(TO BE MOUNTED ON RECEPTACLE INSERT PLATE)
(SCALE 1 1/4=1)



LAMICOID LABEL
(SEE DWG. 47)



SIDE VIEW
(HINGED DOOR SHOWN OPEN)

PARTS LIST

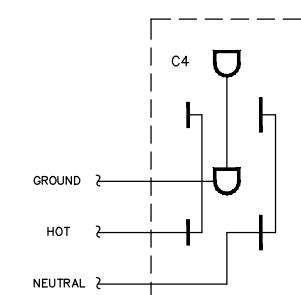
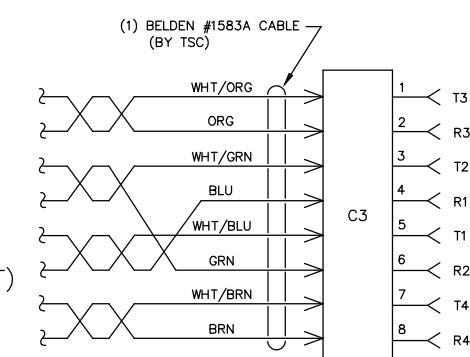
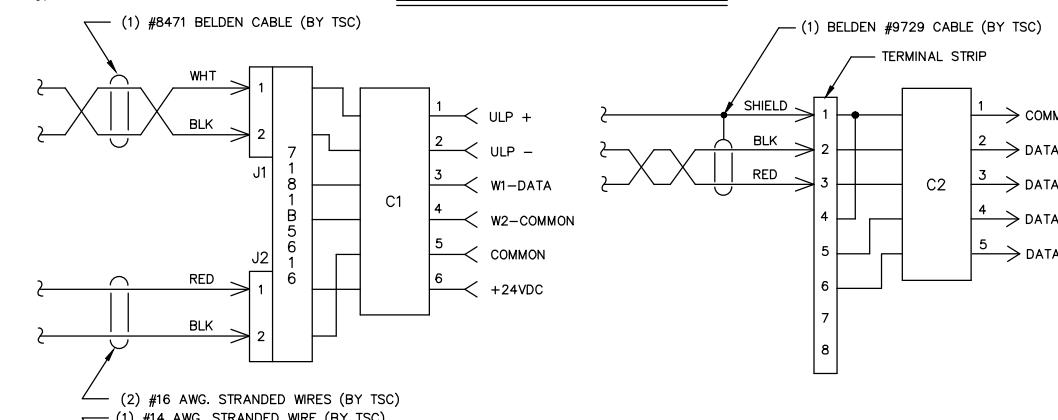
ITEM	QTY.	DESCRIPTION
A	1	FLOOR POCKET WELDMENT (HOUSING)
B	1	HINGED FLOOR PLATE (COVER)
C	1	15027855-46-C 8501AD-D/U/N FP INSERT

DESIGNATION	PART NUMBER
PSD8519	PSD8518
	TL27855-ARCH9

NOTES:

- 1.) FLOOR POCKET IS LISTED.
- 2.) FLOOR POCKET CONSISTS OF ONE 16 GA. STEEL HOUSING AND ONE 3/8" GRADE 30 CAST IRON HINGED FLOOR PLATE (COVER). FLOOR PLATE HAS A SKID-PROOF SURFACE AND FOUR CABLE ACCESS HOLES AS SHOWN. FLOOR PLATE ATTACHES TO THE FLOOR WITH FOUR WOOD SCREWS (PROVIDED BY OTHERS). FLOOR POCKET HOUSING AND FLOOR PLATE ARE FINISHED IN A BLACK LOW-GLOSS COAT.
- 3.) FLOOR POCKET CONTAINS ONE RECEPTACLE INSERT PLATE AND ONE RECEPTACLE MOUNTING PLATE. BOTH ARE CONSTRUCTED OF 16 GA. STEEL AND ARE FINISHED IN A BLACK FINE-TEXTURED BAKED POWDER COAT.
- 4.) ALL NOMENCLATURE IS ENGRAVED IN WHITE.
- 5.) ETCNET LAMICOID LABEL IS SHOWN FOR REFERENCE ONLY. LAMICOID LABEL DOES NOT SHIP ATTACHED TO PANEL.

ELECTRICAL DIAGRAM



Electronic Theatre Controls Inc

3031 Pleasant View Rd
PO Box 620979
Middleton WI 53562-0979
Tel 608 831 4116
Toll Free 800 688 4116
Fax 608 836 1736
www.etconnect.com

UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

AS - BUILT	TW	12/9/13	TJ/MP	JOB:	LOCATION:	RICHARDSON HIGH SCHOOL RICHARDSON, TEXAS
REVISION B	CA	7/24/13	TJ/MP	CONTRACT WITH:	TEXAS SCENIC COMPANY	
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE:	SPECTRUM LIGHTING	
DWG. STATUS	BY	DATE	APPD.	TITLE:	DIRECTOR'S PHYSICAL & FLOOR POCKET - ELECTRICAL	FILE NAME: 8500B.DWG
DRAWING: 15027855-46	B	REV. B	APPD.			

PARTS LIST

ITEM	QTY.	DESCRIPTION
A	19	CUSTOM LAMICOID LABEL
B	38	SCR #4x3/16 PhPHST TYPE B BO

DESIGNATION

PART NUMBER

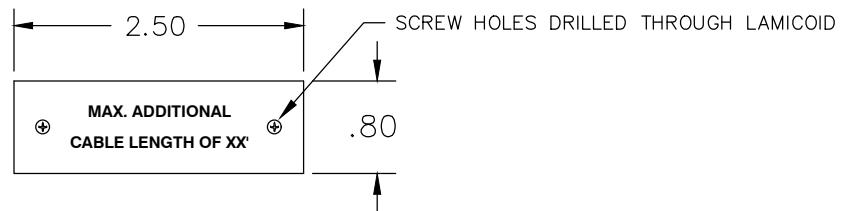
1100A4008
HW1235

NOTES:

- 1.) LABEL IS A BLACK LAMICOID WHICH SHALL BE LASER MARKED WITH .10 HIGH WHITE NOMENCLATURE PER CHART.
- 2.) XX' – MAXIMUM ADDITIONAL CABLE LENGTH TO BE DETERMINED PRIOR TO MANUFACTURING.

LAMICOID LABEL DETAIL

(DIMENSIONS TYPICAL FOR ALL)

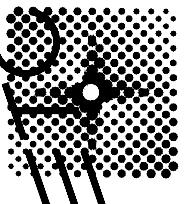


LAMICOID LABEL DESIGNATION CHART

DEVICE I.D.	NET RUN I.D. #	CABLE LENGTH	MAX. ADDITIONAL CABLE LENGTH (XX')	REFERENCE DWG.#
1st ELECTRIC	N20 & N21	249'		18
2nd ELECTRIC	N22 & N23	257'		18
3rd ELECTRIC	N24 & 25	260'		18
4th ELECTRIC	N26 & 27			18
PLCD/Net	N3 & N4	89'		39
ETCNet	N8	226'		44
ETCNet	N9	209'		44
ETCNet	N10	194'		44
ETCNet	N11	220'		44
ETCNet	N12	244'		44
ETCNet	N13	130'		44
ETCNet	N14	124'		44
ETCNet	N15			44
ETCNet	N16			44
ETCNet	N17			44
ETCNet	N18			44
ETCNet	N19			44
DIRECTOR'S FP	N2			46
CRS	N1			45

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UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

AS - BUILT	TW	12/9/13	TJ/NP	JOB: LOCATION:
REVISION B	TW	12/9/13	TJ/NP	CONTRACT WITH: TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/NP	REPRESENTATIVE: SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APP'D.	FILE NAME: NET LAMICOID LABEL.DWG
DRAWING: 15027855-47	REV. B	TITLE: ETCNet LAMICOID LABEL - PHYSICAL		

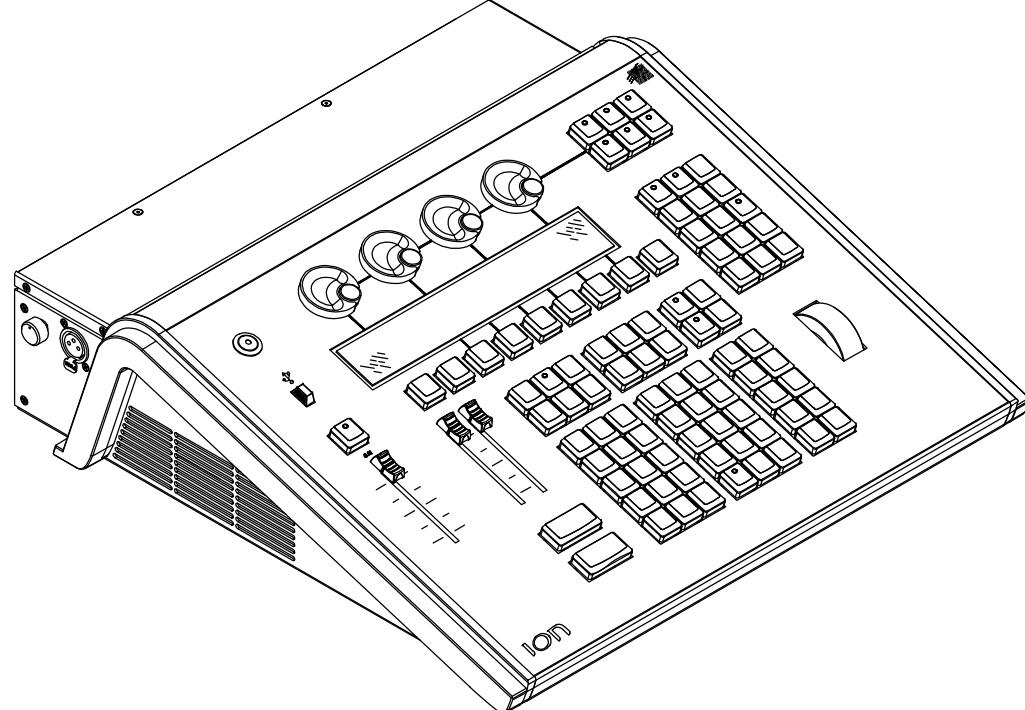
NOTES:

- 1.) CONTROL CONSOLE FACE PANEL IS .075 GALVANIZED STEEL AND CHASSIS IS CONSTRUCTED OF .062 ALUMINUM. BOTH ARE FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.
- 2.) FACE PANEL AND REAR PANEL NOMENCLATURE IS REVERSE-SILKSCREENED ONTO ADHESIVE LEXAN LABELS.
- 3.) APPROXIMATE WEIGHT OF UNIT IS 20.35 lbs. (9.23 kg).
- 4.) CONTROL CONSOLE INCLUDES MOUSE, KEYBOARD, (3) IEC POWER CABLES (US/UK/Schuko), USB FLASH DRIVE AND DUST COVER (NOT SHOWN FOR DRAWING CLARITY).
- 5.) CONTROL CONSOLE MEETS OR EXCEEDS REQUIREMENTS FOR THE FOLLOWING MARKINGS:

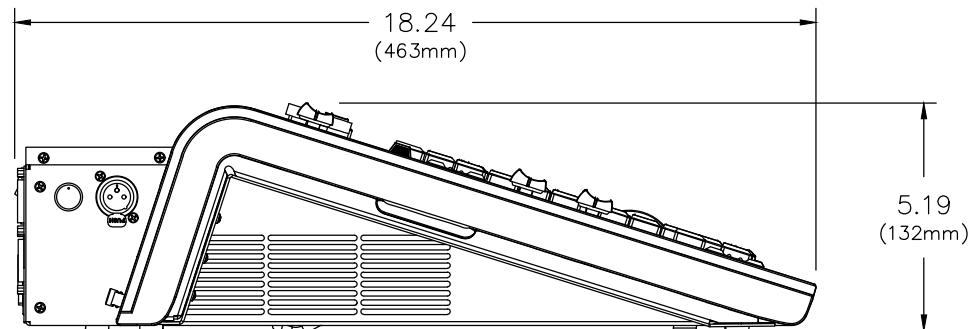


ISOMETRIC VIEW

(3/4 SCALE)



SIDE VIEW



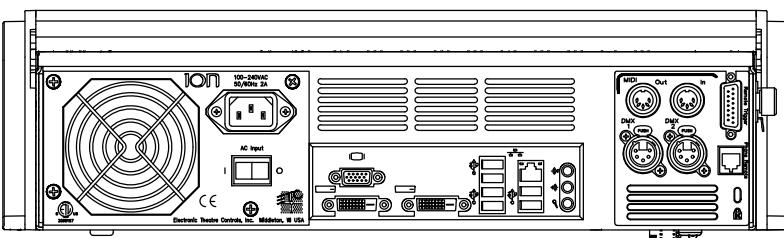
PARTS LIST

ITEM	QTY.	DESCRIPTION
A	1	ION 2000 CONTROL CONSOLE
B	1	EOS CLIENT SOFTWARE KIT

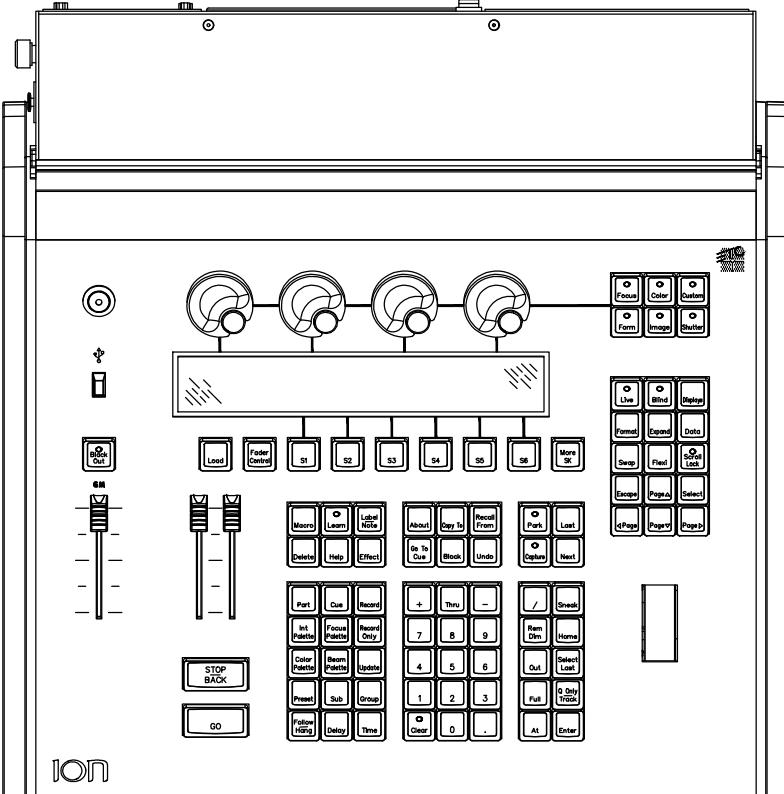
DESIGNATION
(2048 OUTPUTS)
(NOT SHOWN)

PART NUMBER
4310A1014
4250S1001

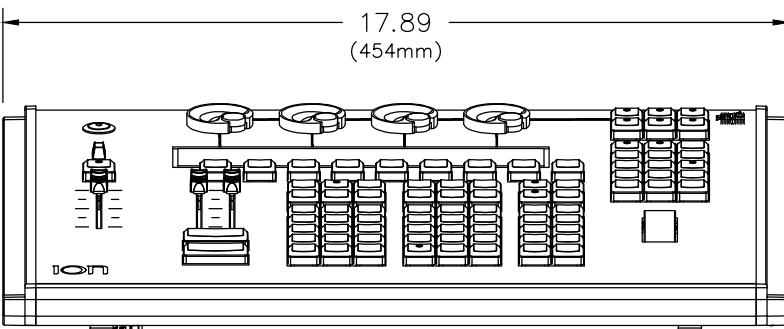
REAR VIEW



TOP VIEW

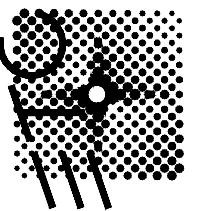


FRONT VIEW



Electronic Theatre Controls Inc

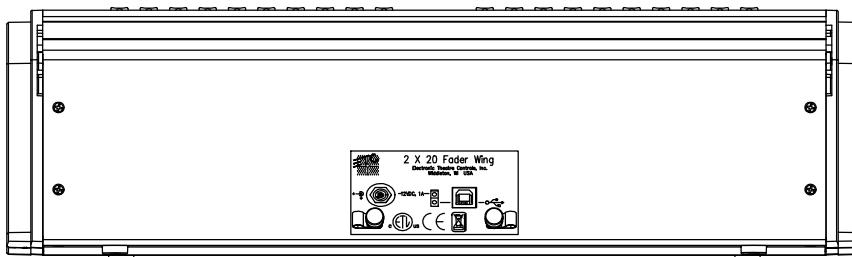
3031 Pleasant View Rd
PO Box 620979
Middleton WI 53562-0979
Tel 608 831 4116
Toll Free 800 688 4116
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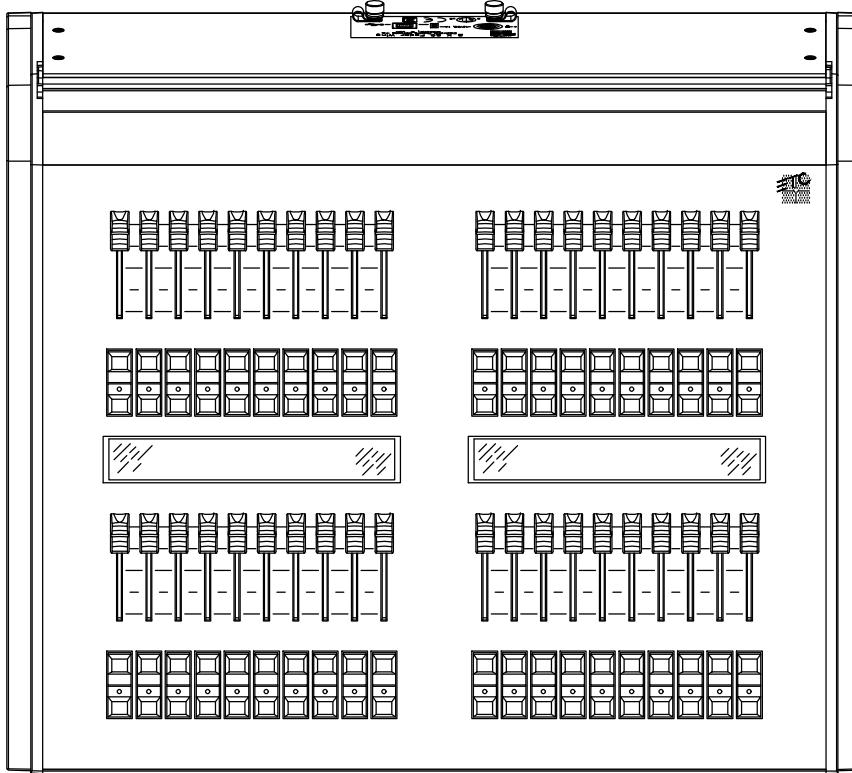
UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

AS - BUILT	TW	12/9/13	TJ/NP	JOB:	RICHARDSON HIGH SCHOOL
				LOCATION:	RICHARDSON, TEXAS
				CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/NP	REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APPD.		
DRAWING:	15027855-48	REV.	A	TITLE:	ION 2000 CONTROL CONSOLE - PHYSICAL
				FILE NAME:	ION.DWG

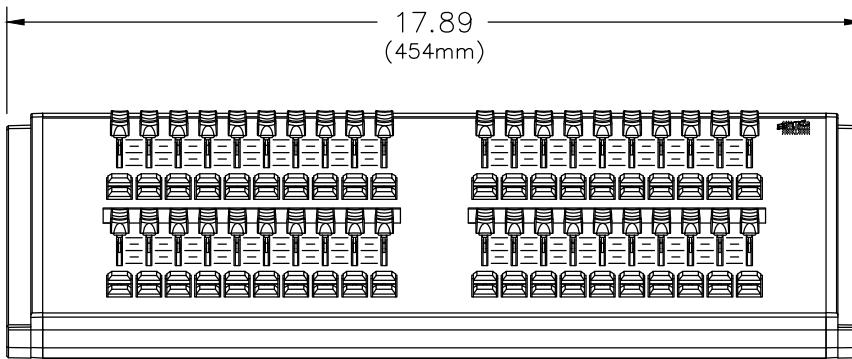
REAR VIEW



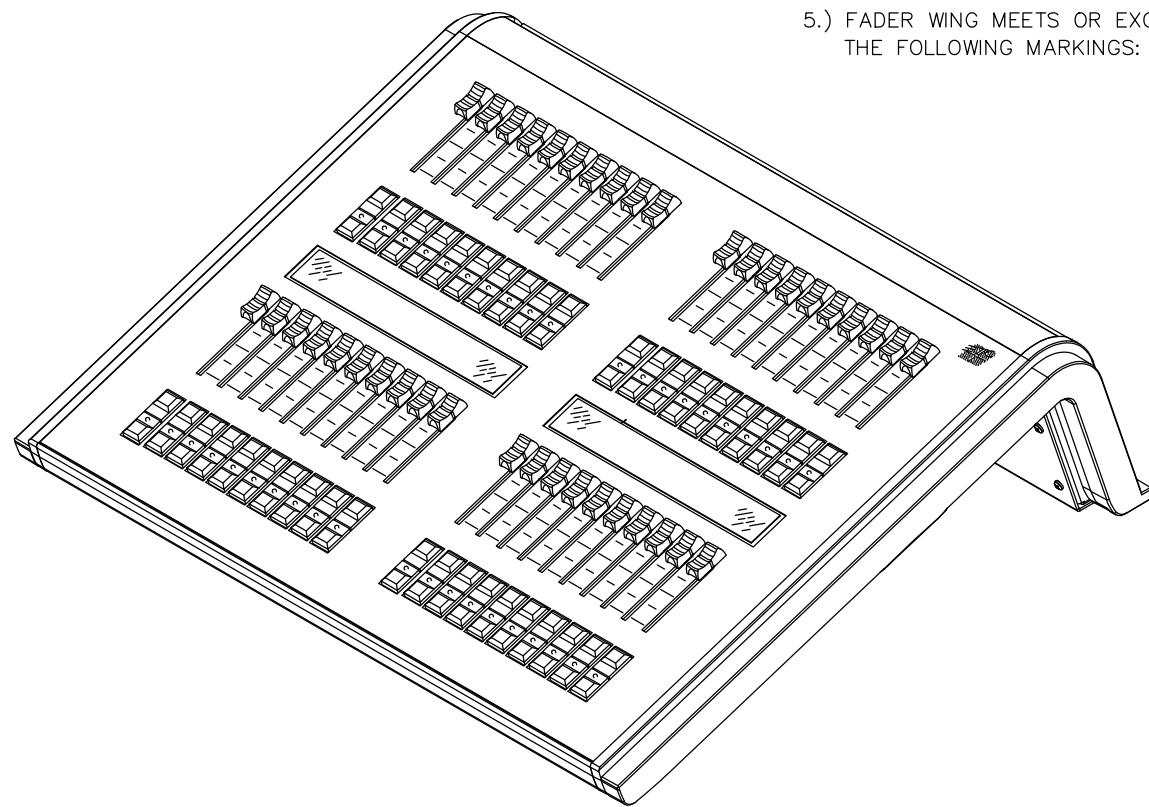
TOP VIEW



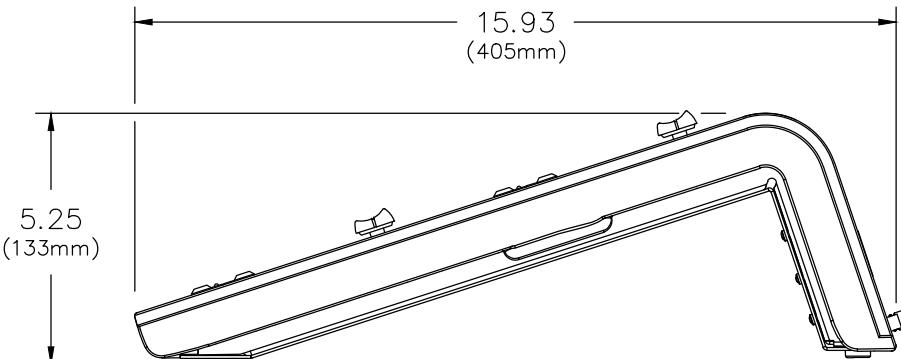
FRONT VIEW



ISOMETRIC VIEW (3/4 SCALE)



SIDE VIEW



PARTS LIST

ITEM	QTY.	DESCRIPTION	DESIGNATION	PART NUMBER
A	1	UNIVERSAL 2x20 FADER WING		4310A1003

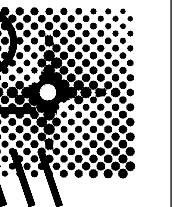
NOTES:

- 1.) FADER WING IS CONSTRUCTED OF .062 ALUMINUM AND IS FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.
- 2.) FACE PANEL AND REAR PANEL NOMENCLATURE ARE REVERSE-SILKSCREENED ONTO ADHESIVE LEXAN LABELS.
- 3.) APPROXIMATE WEIGHT OF UNIT IS 8.0 lbs. (3.7 kg).
- 4.) USB CABLE, POWER CABLE AND DUST COVER ARE INCLUDED BUT NOT SHOWN.
- 5.) FADER WING MEETS OR EXCEEDS REQUIREMENTS FOR THE FOLLOWING MARKINGS:



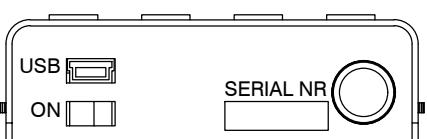
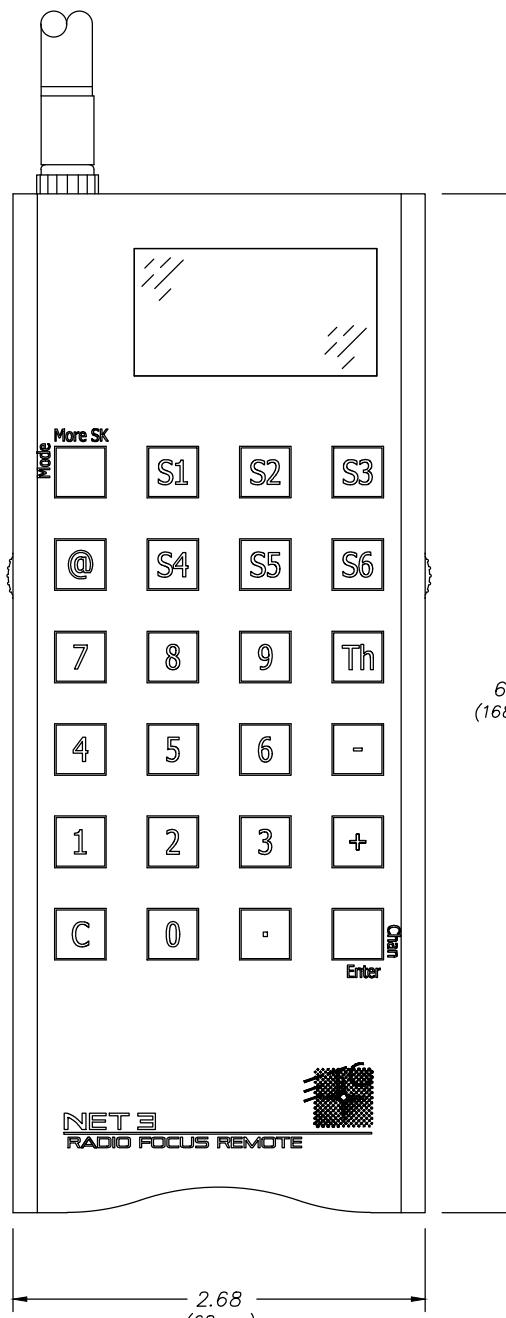
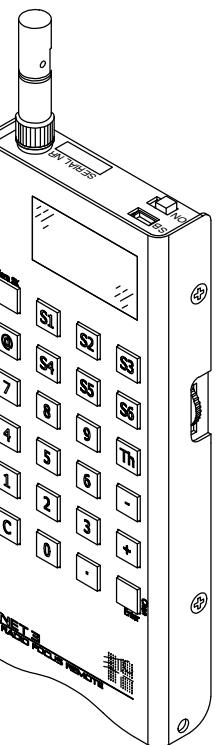
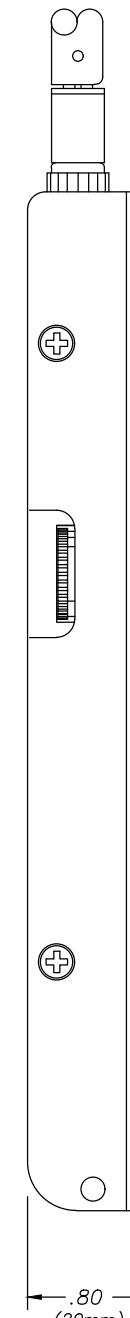
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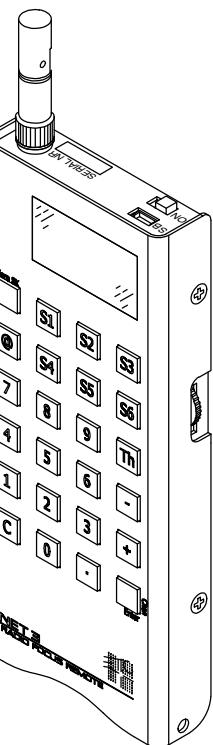
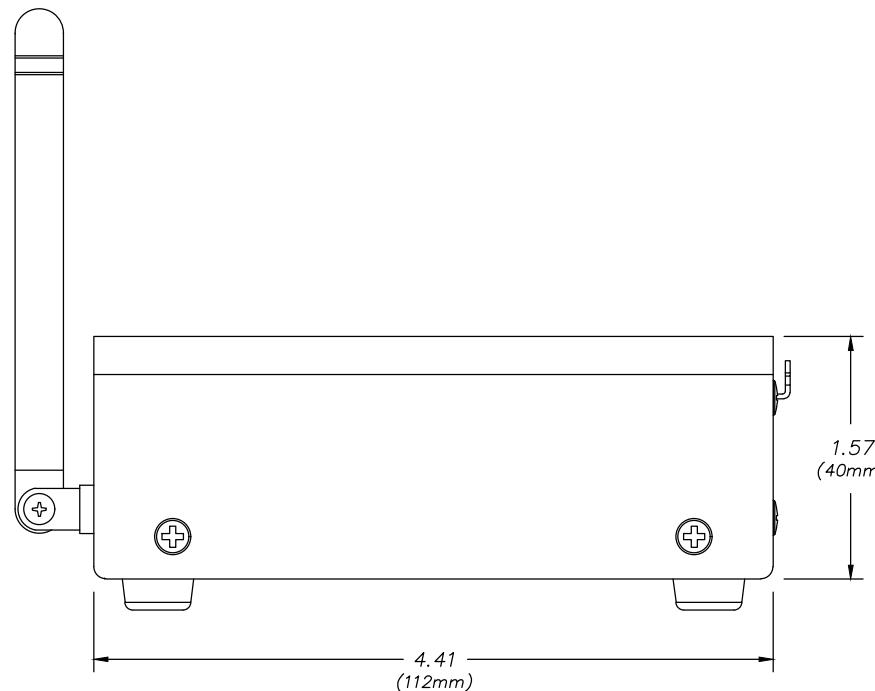
UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.

AS - BUILT	TW	12/9/13	TJ/MP	JOB: RICHARDSON HIGH SCHOOL
				LOCATION: RICHARDSON, TEXAS
CONTRACT WITH:				TEXAS SCENIC COMPANY
SUBMITTAL	MAB	5/17/13	TJ/MP	REPRESENTATIVE: SPECTRUM LIGHTING
DWG. STATUS	BY	DATE	APP'D.	FILE NAME: 2x20- FADER-WING.DWG
DRAWING:	15027855-49	REV.	A	TITLE: UNIVERSAL 2x20 FADER WING - PHYSICAL

TOP VIEWISOMETRIC VIEW
(1/2 SCALE)SIDE VIEWTRANSMITTERREAR LABEL

SPECIAL STARTUP MODES
PRESS AND HOLD THESE BUTTONS
AT BOOT TO ACCESS THESE MODES

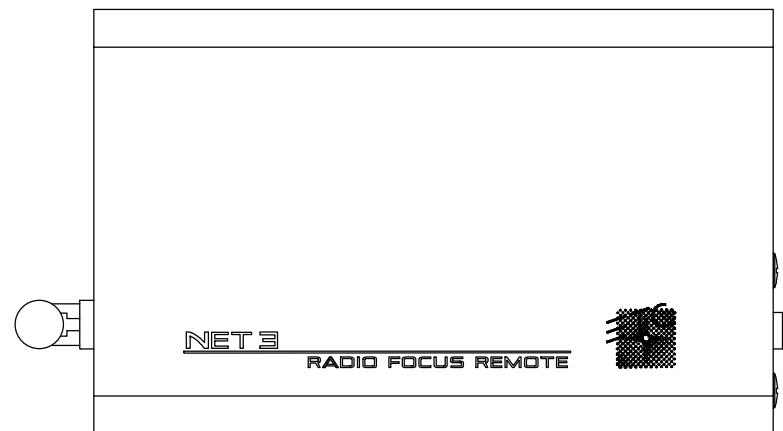
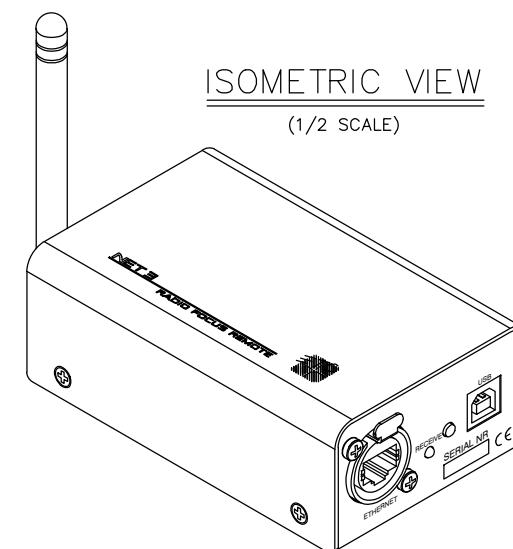
0 RANGE TEST
1 CONSOLE/BASE SELECTION
2 BASE STRENGTH/MODE
3 BATTERY VOLTAGE/CHARGING CURRENT
C CHANGE FREQUENCY/ID
M MODE FIRMWARE UPDATE MODE

SIDE VIEWRECEIVER

PARTS LIST					
ITEM A	QTY. 1	DESCRIPTION Net3 RFR RADIO FOCUS REMOTE	DESIGNATION	PART NUMBER 4250A1022	

NOTES:

- 1.) RADIO FOCUS REMOTE TRANSMITTER IS CONSTRUCTED OF .04 STEEL AND IS FINISHED IN A BLACK FINE-TEXTURED POWDER COAT. ALL NOMENCLATURE IS SILKSCREENED WITH A WHITE EPOXY INK.
- 2.) RADIO FOCUS REMOTE RECEIVER IS CONSTRUCTED OF .05 STEEL AND IS FINISHED IN A BLACK FINE-TEXTURED POWDER COAT. ALL NOMENCLATURE IS SILKSCREENED WITH A WHITE EPOXY INK.
- 3.) RADIO FOCUS REMOTE MEETS OR EXCEEDS REQUIREMENTS FOR EACH OF THE FOLLOWING MARKINGS:

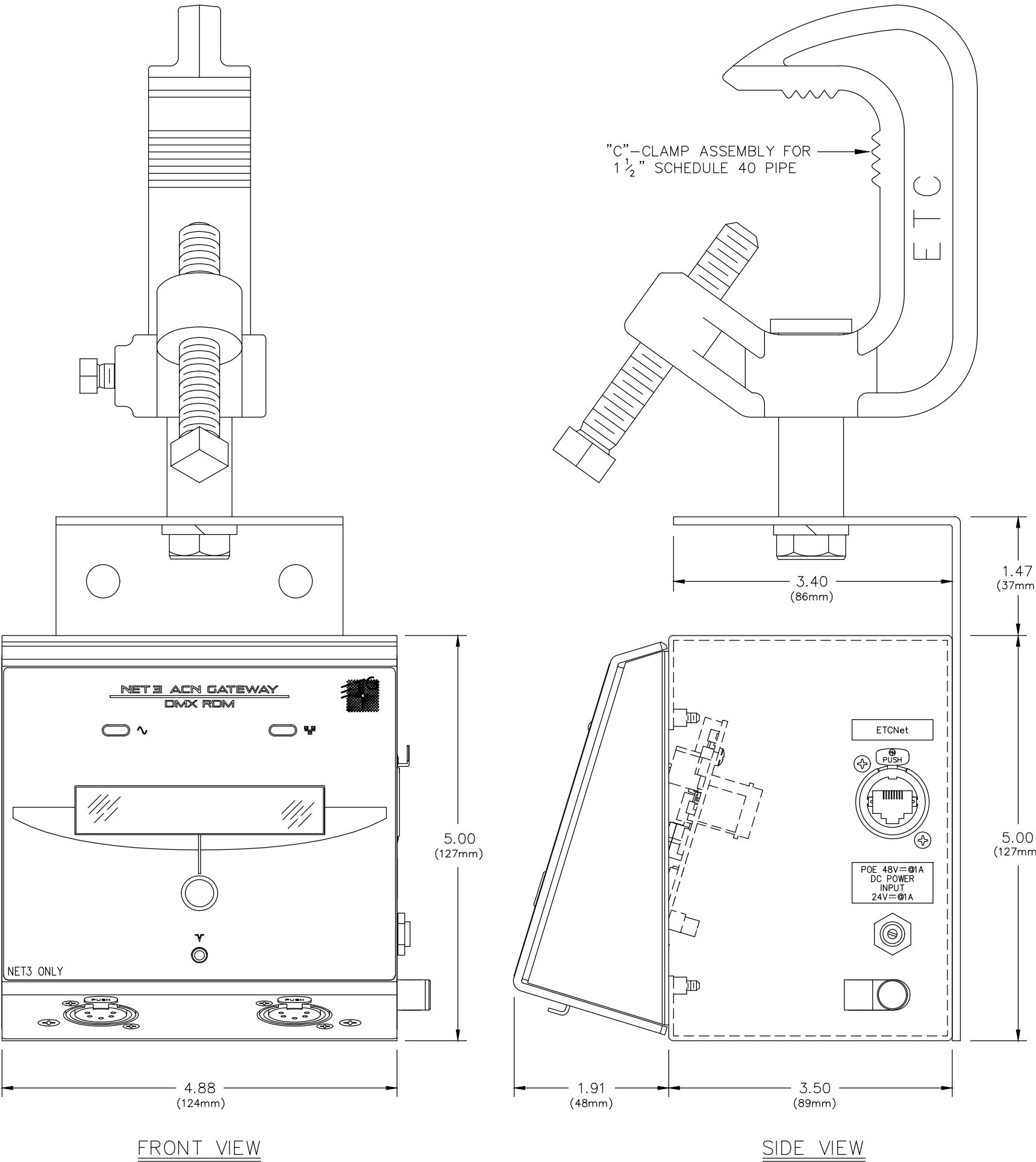
TOP VIEWISOMETRIC VIEW
(1/2 SCALE)

AS - BUILT	TW	12/9/13	TJ/NP	JOB:	RICHARDSON HIGH SCHOOL
				LOCATION:	RICHARDSON, TEXAS
CONTRACT WITH:				REPRESENTATIVE:	TEXAS SCENIC COMPANY
SUBMITTAL MAB	5/17/13	TJ/NP			SPECTRUM LIGHTING
DWG. STATUS BY	DATE APPD.				FILE NAME: NET3-RFR.DWG

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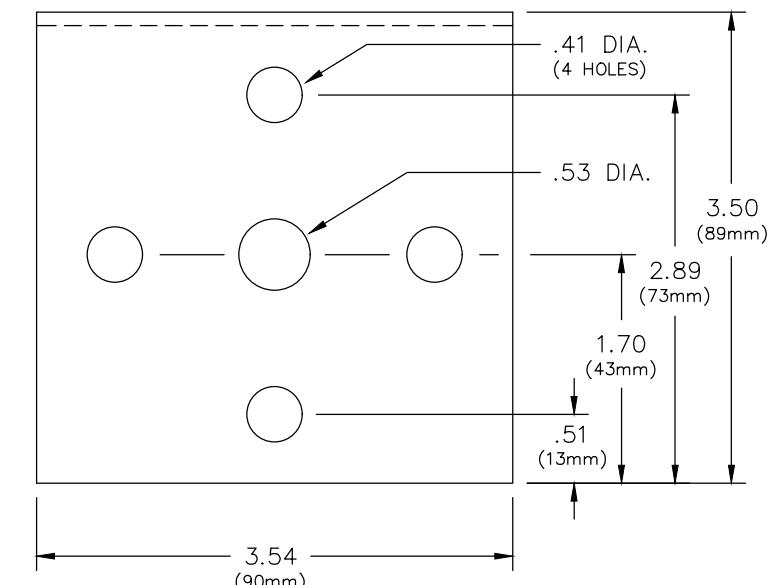
PARTS LIST		
ITEM	QTY.	DESCRIPTION
A	4	GATEWAY N3T2G 2OUT TOUR NET3 ONLY
B	4	"C"-CLAMP ASSEMBLY
C	4	SAFETY CABLE; BLACK, 30"
		(NOT SHOWN)
		DESIGNATION
		PART NUMBER
		4261A1103
		7060A2009
		7060A1022

NOTES:

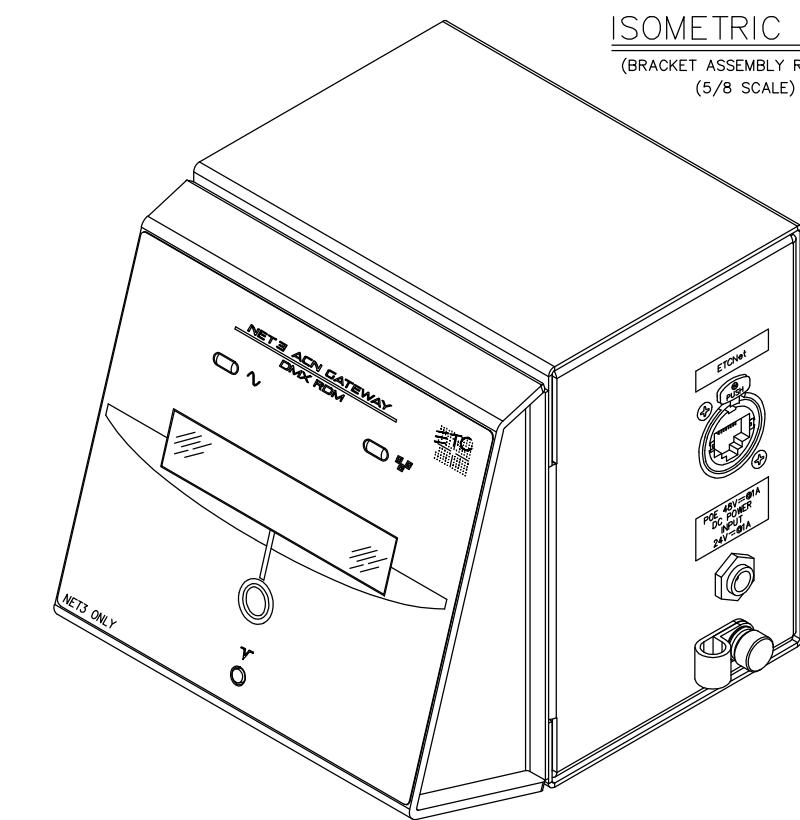
- 1.) NET3 GATEWAY IS CONSTRUCTED OF 12 GA. AND 16 GA. STEEL AND IS FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.
- 2.) ALL NOMENCLATURE SHALL BE REVERSE-SILKSCREENED ONTO 10 MIL. VELVET LEXAN ADHESIVE LABELS PLACED ON UNIT.
- 3.) BACK BOX AND MOUNTING BRACKET ARE 16 GA. STEEL AND ARE FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.

TOP VIEW OF BRACKET

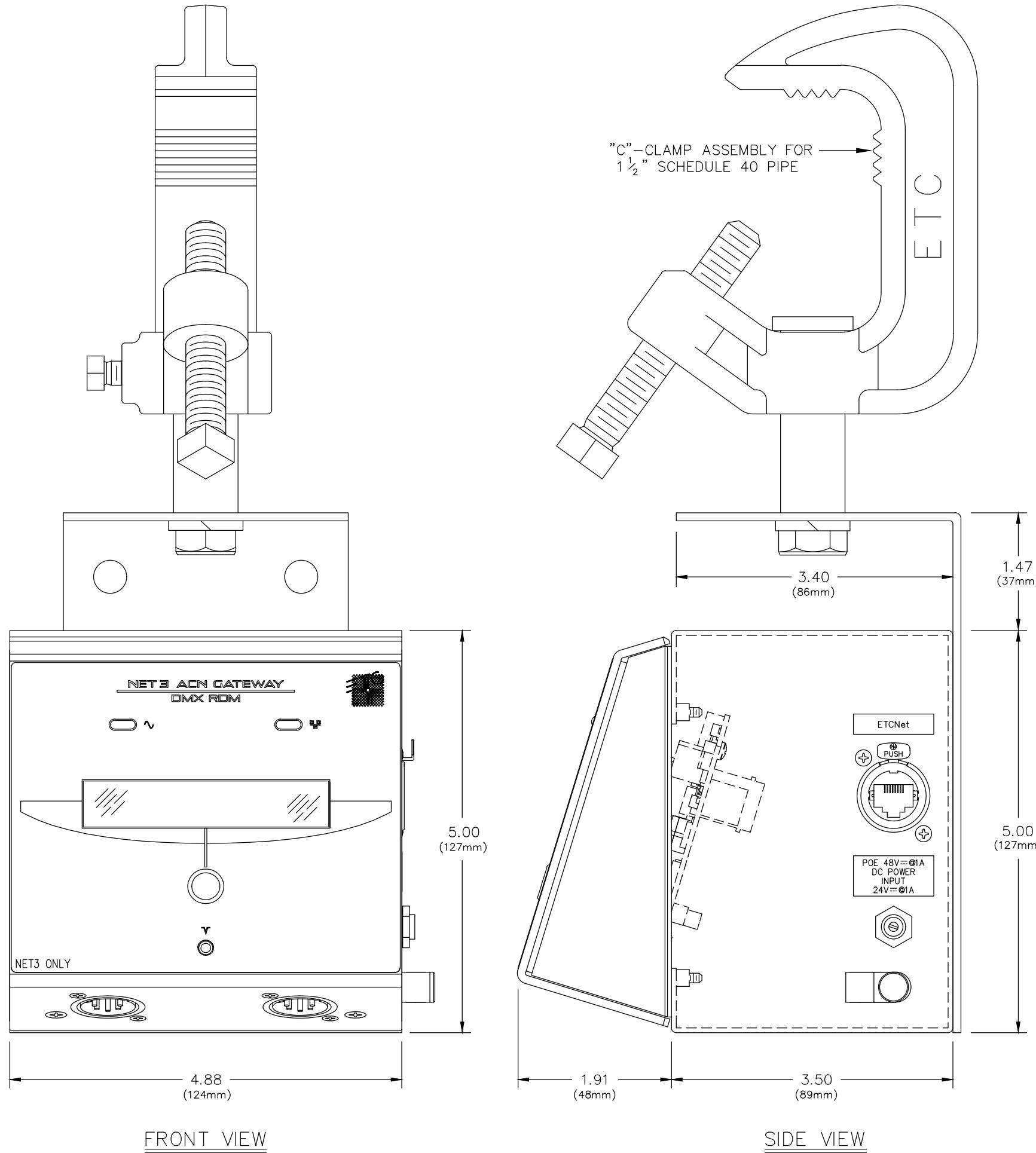
("C"-CLAMP REMOVED)



ISOMETRIC VIEW
(BRACKET ASSEMBLY REMOVED)
(5/8 SCALE)



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AS - BUILT	TW 12/9/13 TJ/NP
	JOB: LOCATION:
CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB 5/17/13 TJ/NP
REPRESENTATIVE:	SPECTRUM LIGHTING
DWG. STATUS	BY DATE APPD.
DRAWING:	TITLE: NET3 2-PORT OUTPUT TOURING GATEWAY - PHYSICAL
	FILE NAME: NET3-ONLY- N3T2G-TOUR.DWG



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	UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.
AS - BUILT	TW 12/9/13 TJ/NP JOB: LOCATION:
CONTRACT WITH:	TEXAS SCENIC COMPANY
SUBMITTAL	MAB 5/17/13 TJ/NP REPRESENTATIVE:
DWG. STATUS	BY DATE APPD.
DRAWING:	15027855-52 REV. A TITLE: NET3 2-PORT INPUT TOURING GATEWAY - PHYSICAL
FILE NAME: NET3-ONLY- N3T2G-TOUR.DWG	