BERKNER HIGH SCHOOL RICHARDSON, TEXAS JOB #15031502

			INDEX OF	DRAWING	S		
DRAWING	RELEASE B C	REVISION	DRAWING DESCRIPTION	DRAWING	RELEASE B C	REVISION	DRAWING DESCRIPTION
15031502-00A		/BC	TITLE PAGE / DRAWING INDEX (PAGE 2 OF 2)	15031502-12		Α	ELTS2 PHYSICAL EMERGENCY LIGHTING TRANSFER SYSTEM PHYSICAL
15031502-01		A	PROJECT NOTES	15031502-13		А	ELTS2 - ELECTRICAL EMERGENCY LIGHTING TRANSFER SYSTEM -
15031502-02		В	SYSTEM RISER	15031502-14		Α	ELTS REMOTE _ PHYSICAL & ELECTRICAL .
15031502-03		Α	DISTRIBUTION RISER	15031502-15		А	EMERGENCY _ PHYSICAL & ELECTRICAL
15031502-04		В	DMX & UNISON CONTROL WIRING DIAGRAMS	15031502-16		Α	DMX EMERGENCY _ PHYSICAL & ELECTRICAL
15031502-05		В	ETCNet, PANIC & ELTS CONTROL WIRING DIAGRAMS	15031502-17		Α	PB - PHYSICAL PIGTAIL BOX
15031502-06		А	SENSOR3 SR3-12 - PHYSICAL WALL-MOUNTED DIMMER RACK - PHYSICAL	15031502-18		Α	WB - PHYSICAL
15031502-07		А	SENSOR3 SR3-12 - ELECTRICAL WALL-MOUNTED DIMMER RACK - ELECTRICAL	15031502-19		Α	9710 - PHYSICAL GRIDIRON JUNCTION BOX
15031502-08		А	SENSOR3 (BILL-OF-MATERIALS) - PHYSICAL	15031502-20		А	CABLE DETAIL - PHYSICAL FOR GRIDIRON JUNCTION BOX
15031502-08A		А	UNISON DRd6 (ORTHOGRAPHIC VIEWS) - PHYSICAL WALL-MOUNTED DIMMER RACK	15031502-21		В	DB _ PHYSICAL & ELECTRICAL
15031502-08B		A	UNISON DRd6 (MODULES REMOVED) - PHYSICAL WALL-MOUNTED DIMMER RACK	15031502-22			DRAWING DELETED
15031502-08C		A	UNISON DRd6 - ELECTRICAL WALL-MOUNTED DIMMER RACK	15031502-23			DRAWING DELETED
15031502-08D		А	UNISON (BILL-OF-MATERIALS) - PHYSICAL WALL-MOUNTED DIMMER RACK	15031502-24		А	24-PORT - PHYSICAL NETWORK PATCH PANEL
15031502-09		AB	DR-1 LOAD SCHEDULE	15031502-25		Α	BRUSH PANEL 1U - PHYSICAL
15031502-10		NB	DR-2 LOAD SCHEDULE	15031502-26		A	24-PORT - PHYSICAL ETHERNET SWITCH WITH POE
15031502-11		AB	DR-3 LOAD SCHEDULE	15031502-27		Α	CISCO - PHYSICAL REDUNDANT POWER SYSTEM 2300

IMPORTANT:

PLEASE NOTE THE FOLLOWING INFORMATION:

THE PROJECT MANAGER FOR THIS SYSTEM IS ERIC OSTLUND.

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.

HIGH SCHOOL AUDITORIUM RICHARDSON, TEXAS (AS SCENIC COMPANY SPECTRUM LIGHTING INDEX (PAGE 1 OF 2) INDEX.DWG	HIGH SCHOOL AUDITORIUM IICHARDSON, TEXAS AS SCENIC COMPANY SPECTRUM LIGHTING NDEX (PAGE 1 OF 2) INDEX.DWG	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		UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.
HICH SCHOOL AUDITORIUM RICHARDSON, TEXAS (AS SCENIC COMPANY SPECTRUM LIGHTING INDEX (PAGE 1 OF 2)	BERKNER HIGH SCHOOL AUDITORIUM RICHARDSON, TEXAS FRACT WITH: TEXAS SCENIC COMPANY SPECTRUM LIGHTING TILE PAGE / DRAWING INDEX (PAGE 1 OF 2)		``\ 	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			:	
	BERKNER RI TRACT WITH: TEX. IESENTATIVE: SI :: TILE PAGE / DRAWING IN						FILE NAM	INDEX.DWG
	TRACI	. =		TEXAS SCENIC COMPANY		SPECTRUM LIGHTING		/ DRAWING INDEX (PAGE 1 OF 2)
EO/HB EO/HB APPD.				9/12/14	5/1/14	DATE	,	00-
A PP CO A PP C	9/12/14 5/1/14 DATE			В	MAB	ВУ		1502-
9/12/14 EO/H 5/1/14 EO/H DATE APPE 2-00 BEV	BL 9/12/14 MAB 5/1/14 BY DATE 1502-00			REVISION B	SUBMITTAL	DWG. STATUS	RAWING:	

BERKNER HIGH SCHOOL RICHARDSON, TEXAS JOB #15031502

				<i>/</i> /	NDEX OF I	DRAWING	S		4		
DRAWING	RELE B	ASE C	REVISION	DRAWING DESCRIPT	TION	DRAWING	REL B	EASE C	REVISION	DRAWING DESCRIPT	TION
15031502-28			A	Net3 4PORT GATEWAY	- PHYSICAL	15031502-39			Α	ETCNet GRIDIRON JUNCTION BOX	- PHYSICAL
15031502-29			Α	32-WAY DEMULTIPLEXER PANEL	- PHYSICAL	15031502-40			В	NET/NET PLUG-IN STATION	_ PHYSICAL & ELECTRICAL
15031502-30			. А	32-WAY DEMULTIPLEXER PANEL	- ELECTRICAL	15031502-41			Α	CRS PLUG-IN STATION	_ PHYSICAL & ELECTRICAL
15031502-31			A _.	UNINTERRUPTIBLE POWER SUPPLY	- PHYSICAL	15031502-42			Α	FDP FLOOR POCKET	_ PHYSICAL & ELECTRICAL
15031502-32			Α	HL PRESET STATION	_ PHYSICAL & ELECTRICAL	15031502-43			AB	ETCNet LAMICOID LABEL	- PHYSICAL
15031502-33			Α	HL (PRESET) PRESET STATION	_ PHYSICAL & ELECTRICAL	15031502-44			Α	ION 2000 CONTROL CONSOLE	- PHYSICAL
15031502-34			Α	HL KEYSWITCH STATION	_ PHYSICAL & ELECTRICAL	15031502-45			Α	UNIVERSAL 2x20 FADER WING	- PHYSICAL
5031502-35			В	HL LCD PARADIGM TOUCHSCREEN	_ PHYSICAL & ELECTRICAL	15031502-46			Α	Net3 RFR RADIO FOCUS REMOTE	- PHYSICAL
15031502-36			Α	UNISON P-LCD-P PORTABLE PARADIGM TOUCHSCREEN	- PHYSICAL	15031502-47			Α	NET3 2-PORT OUTPUT TOURING GATEWAY	- PHYSICAL
15031502-37			- A	NET PLUG-IN STATION	_ PHYSICAL & ELECTRICAL	15031502-48			Α	NET3 2-PORT INPUT TOURING GATEWAY	- PHYSICAL
15031502-38			Α	NET (PIPE-MOUNT) PLUG-IN STATION	_ PHYSICAL & ELECTRICAL						

	Electronic Theatre Controls		3031 Pleasant View Rd	PO Box 620979	B / SO ZOCK IAA INDIBINIA	16 608 831 4716	Fax 608 836 1736	www.etcconnect.com	UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.	
					•			FILE NAME:	INDEX.DWG	
	BERKNER HIGH SCHOOL AUDITORIUM	RICHARDSON, TEXAS		TEXAS SCENIC COMPANY			SPECTRUM LIGHTING		HILE PAGE / DRAWING INDEX (PAGE 2 OF 2)	
	JOB: LOCATION:			CONTRACT WILL		REPRESENTATIVE:		TITLE	IIILE PAGE /	
1	D	1		Ео/нв		E0/HB	APPD.	REV.	cap (K
	•			9/12/14		5/1/14	DATE	, ,	NON	
				BL	П	МАВ	BĄ	, , ,	15051502-00A	
				REVISION B		SUBMITTAL	DWG. STATUS	DRAWING: 15071	ICOCI	

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: 608-836-1736

PROJECT MANAGER:

Eric Ostlund
Direct Tel: 888-908-2173
E-mail: eric.ostlund@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:	
Alpha 6076C (6 pair) Carol CO912 ProPlex PC248T	
West Penn DA2404S	

Belden 9729: Carol CO910 ProPlex PC244T

West Penn DA2402

Belden 8471:
Alpha 1899C
Belden 5200UE
Carol C2405
West Penn 225

Comm Scope 5504 West Penn 4245 Cat 5 or better

Plenum Versions (when required)

lden 89728	i Belden 89729
inhattan M42893	Belden 82729
	West Penn DA252402
	Manhattan M42891

Belden 6200UE Belden 1585A West Penn 254245

- 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/Ø Max.
- H.) Line Feeds to be determined by others
- I.) Primary Feed Terminations are provided as follows:

Sensor : Sensor :	SR3-12 SR3-24		Sing Dual Dual Dual	250 MCM - 350 MCM -	- 6 AWG. - 6 AWG.
Unison I Unison I Unison I Unison I Unison I Unison I	DRd12 (3P) DRd12 (1P) AX6 (1P,3P AX12 (1P) v AX12 (3P) v AX12X (1P,3	with MCB with 400A. M with 200AM SP) with Mair	Sing Sing Sing Sing Sing Sing Sing Sing	gle 350 MCN gle 350 MCM jle 350 MCM il 400 MCM - gle 350 MCM al 500 MCM	M — 6 AWG. I — 6 AWG. — 8 AWG. – 2/Ø — 8 AWG. — 4 AWG.

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.

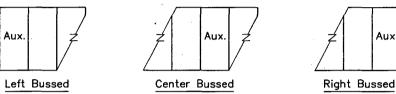
- J.) GFI Load Wiring Requirements:
 - Type XHHW wiring recommended
 - Up to 125' (38.1 meters) load wiring length
 - · Load and neutral wires for each circuit installed in same conduit
 - No ganging of neutral (return) wires at any point
- K.) ETC recommends that all flourescent lamps be pre-burned 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. E	Bay Configuration:	Wire Max. Size Per Phase:	Wire Max. Size For Neutral:
Main Lugs	800A. Max. (19" and 30")	2 Conductors 600MCM Max.	2 Conductors 600MCM Max.
	1000—2000A. (30" only)	6 Conductors 600MCM Max.	6 Conductors 600MCM Max.
65K AIC MCB	300-400A. (19" only)	2 Conductors 500MCM Max.	2 Conductors 600MCM Max.
	600A. (19" and 30")	3 Conductors 500MCM Max.	2 Conductors 600MCM Max.
	800A. (19" and 30")	4 Conductors 500MCM 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:

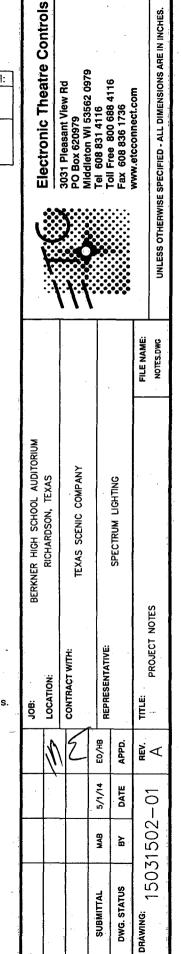
- 1.) Please notify ETC Project Management three weeks prior to needing a system energization.
- 2.) No part of this system shall be energized without the knowledge of Electronic Theatre Controls, Inc.

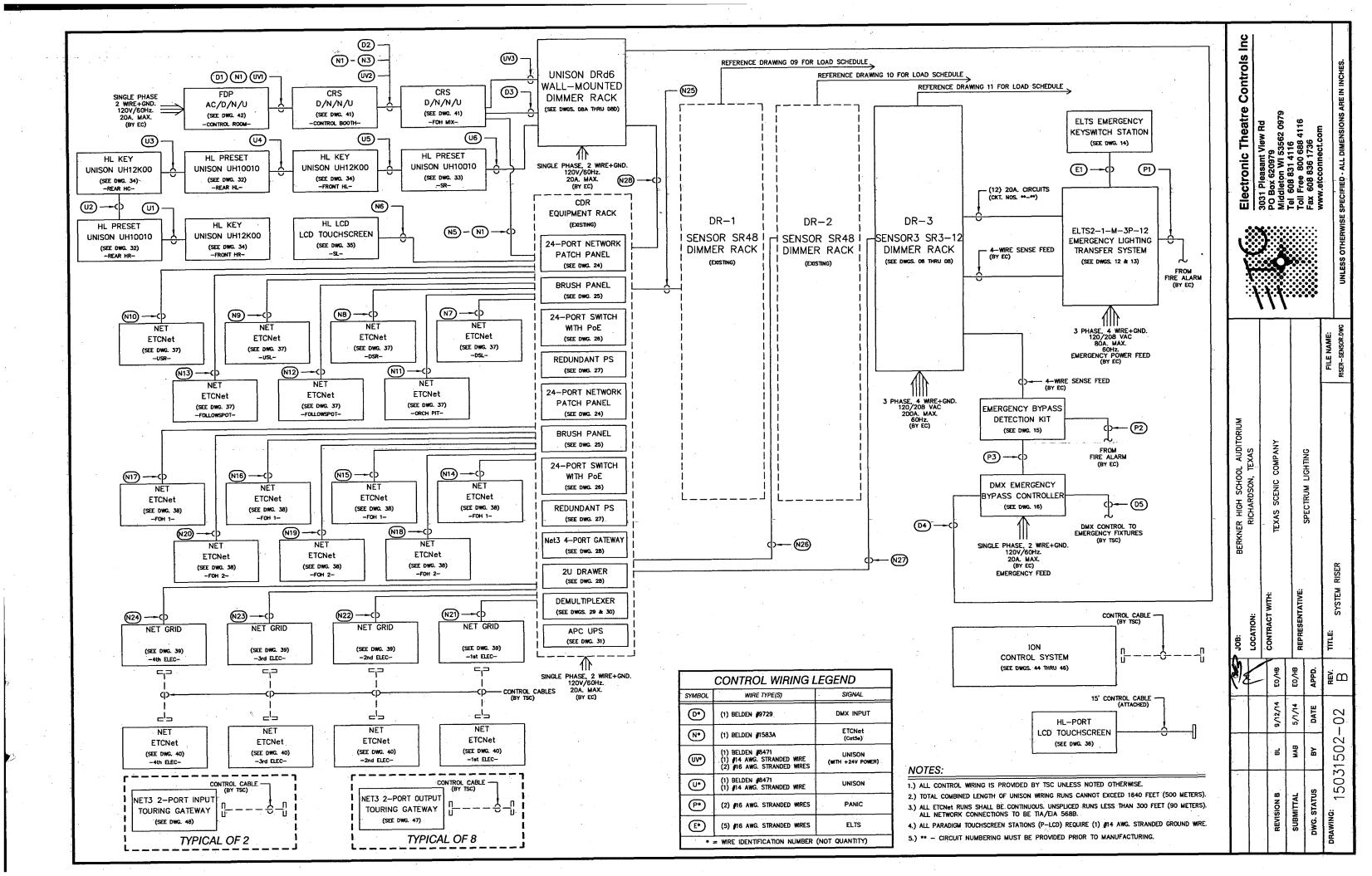
ETC CONTRACTOR CHECKLIST:

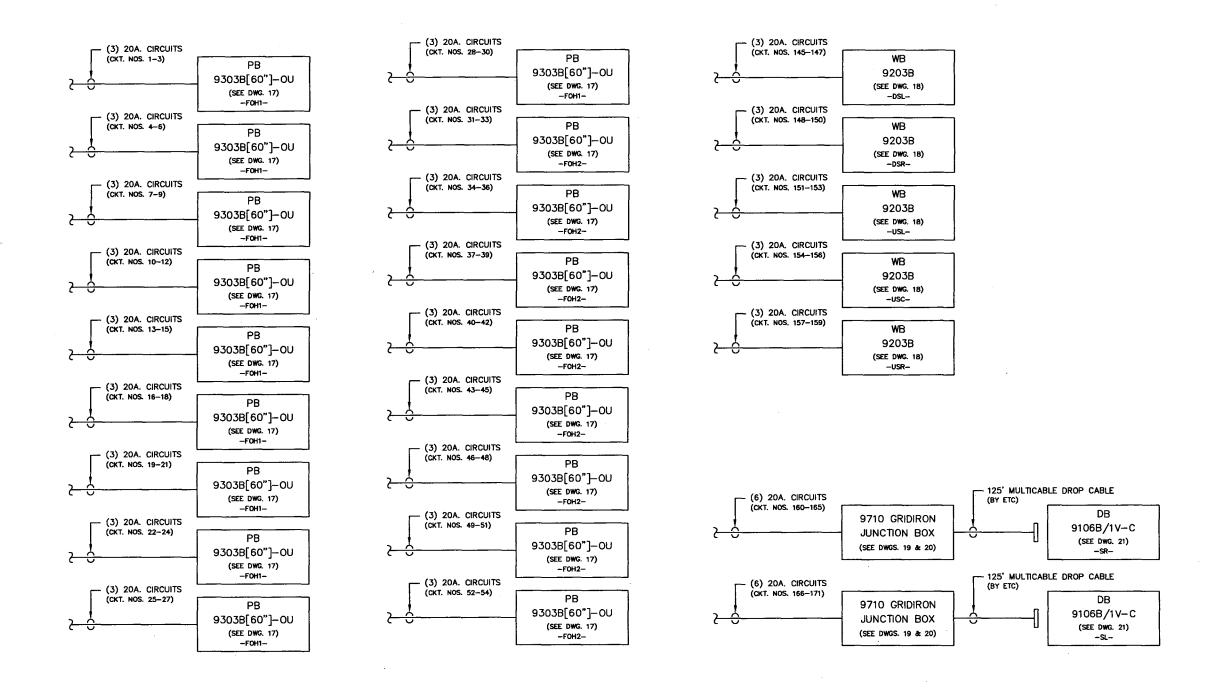
If a System Energization is included with the purchase of the system, the following checklist notes the conditions that must be met before the Field Service Technician can commission the system. Please review the checklist with the Installing Contractor.

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.



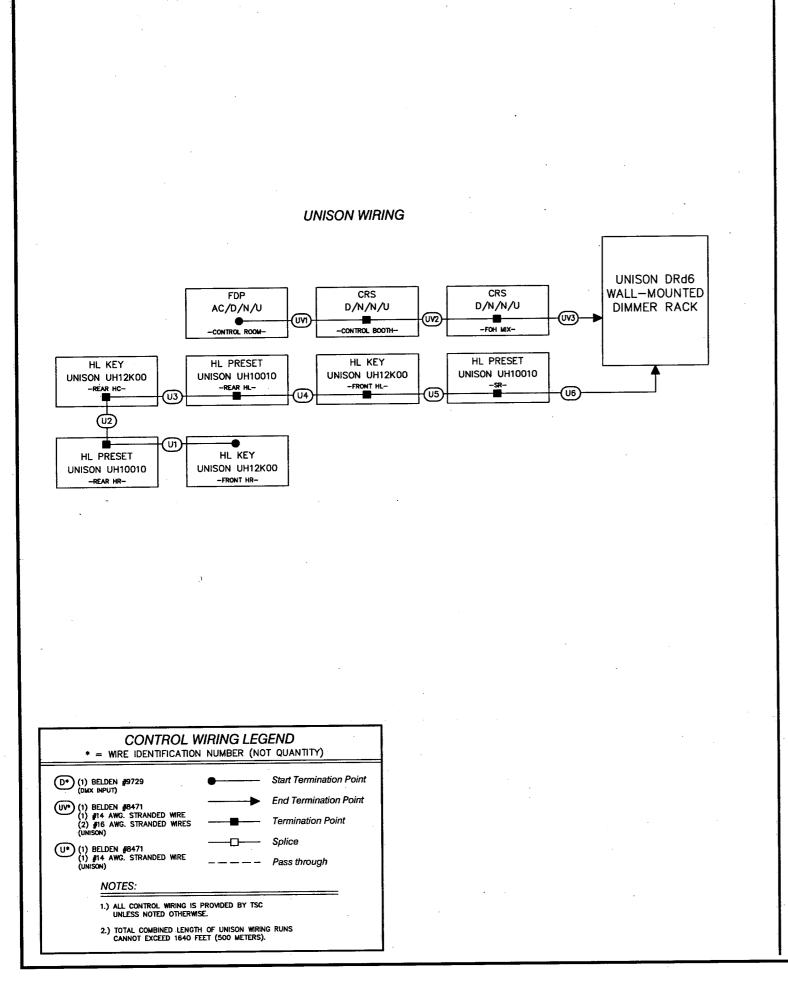




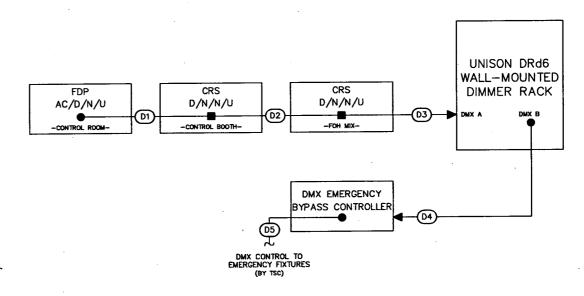
NOTES:

1.) ? - INDICATES FROM EXISTING DIMMER RACKS (SEE DWG. 02).

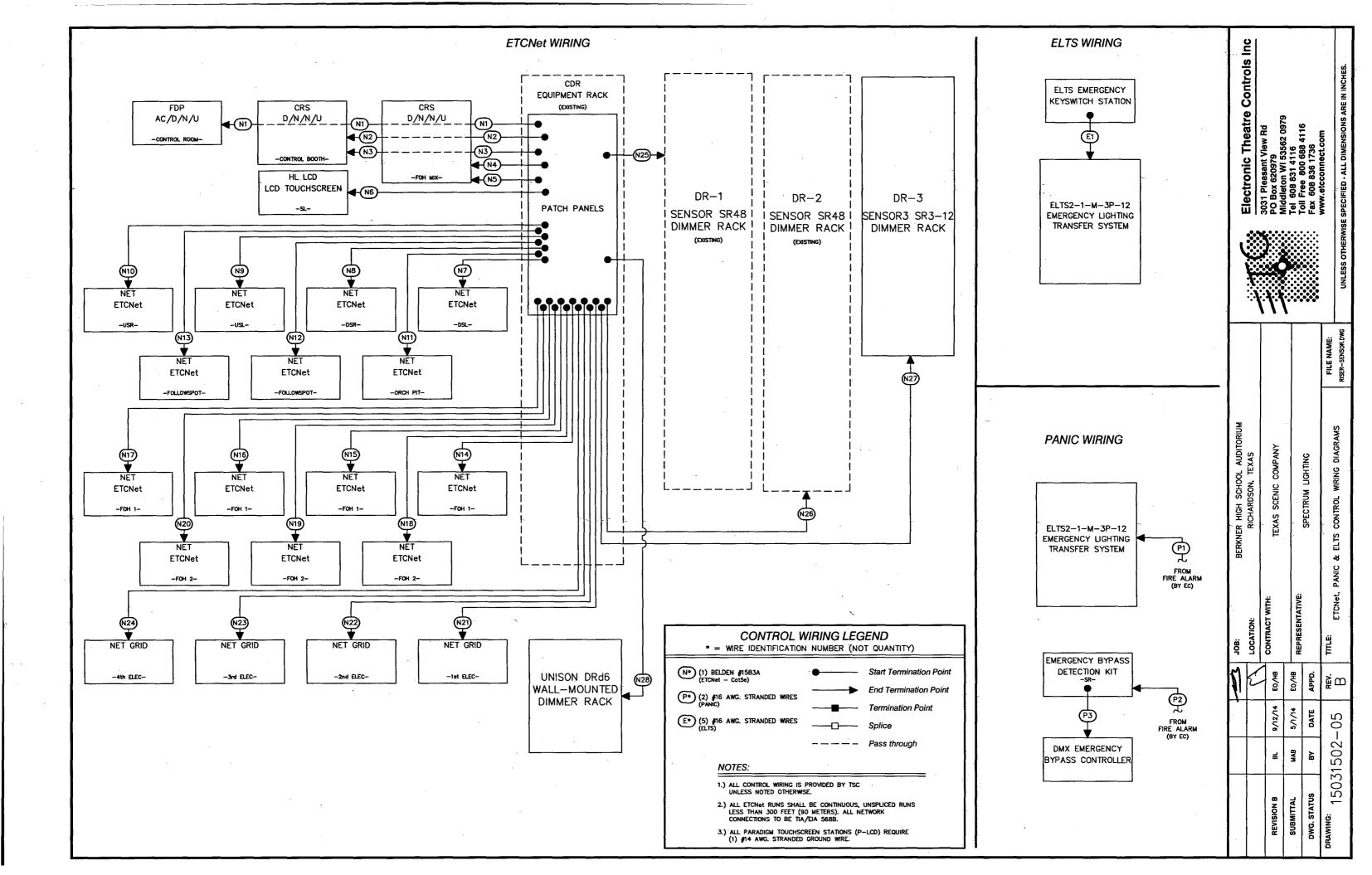
Electronic Theatre Controls Inc	3031 Pleasant View Rd PO Box 620979 Middleton WI 53562 0979	Tel 608 831 4116	Fax 608 836 1736	www.etcconnect.com	UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.
				FILE NAME:	RISER-SENSOR,DWG
BERKNER HIGH SCHOOL AUDITORIUM RICHARDSON, TEXAS	H: TEXAS SCENIC COMPANY		SPECTRUM LIGHTING		DISTRIBUTION RISER
JOB: LOCATION:	CONTRACT WITH:	REPRESENTATIVE:		TITLE	DISTR
h	2	E0/HB	APPD.	REV.	∢:
		5/1/14	DATE	1	-US
		MAB	АВ	1.	15051502-05
		TTAL	TATUS	7 7	150,

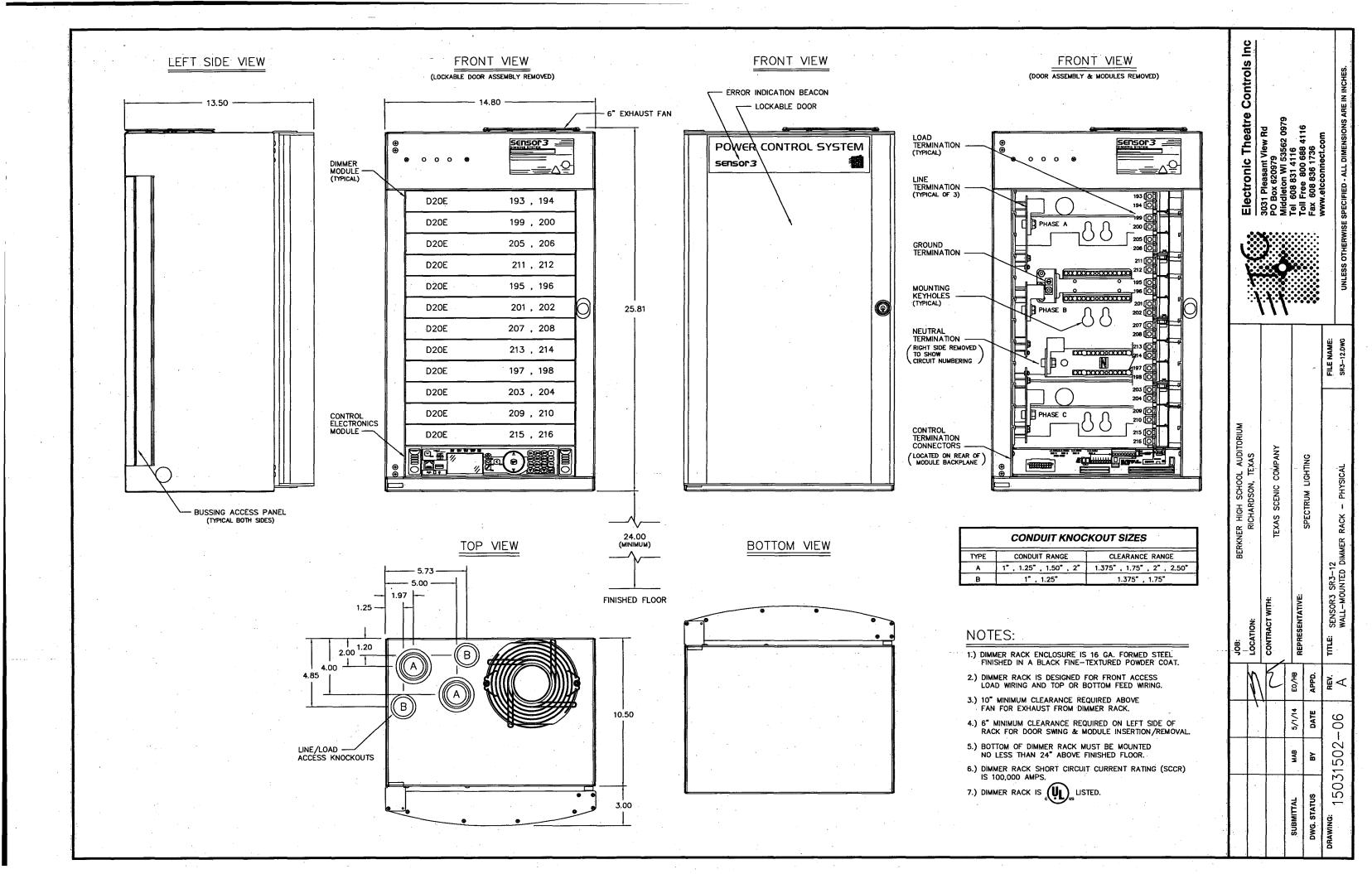


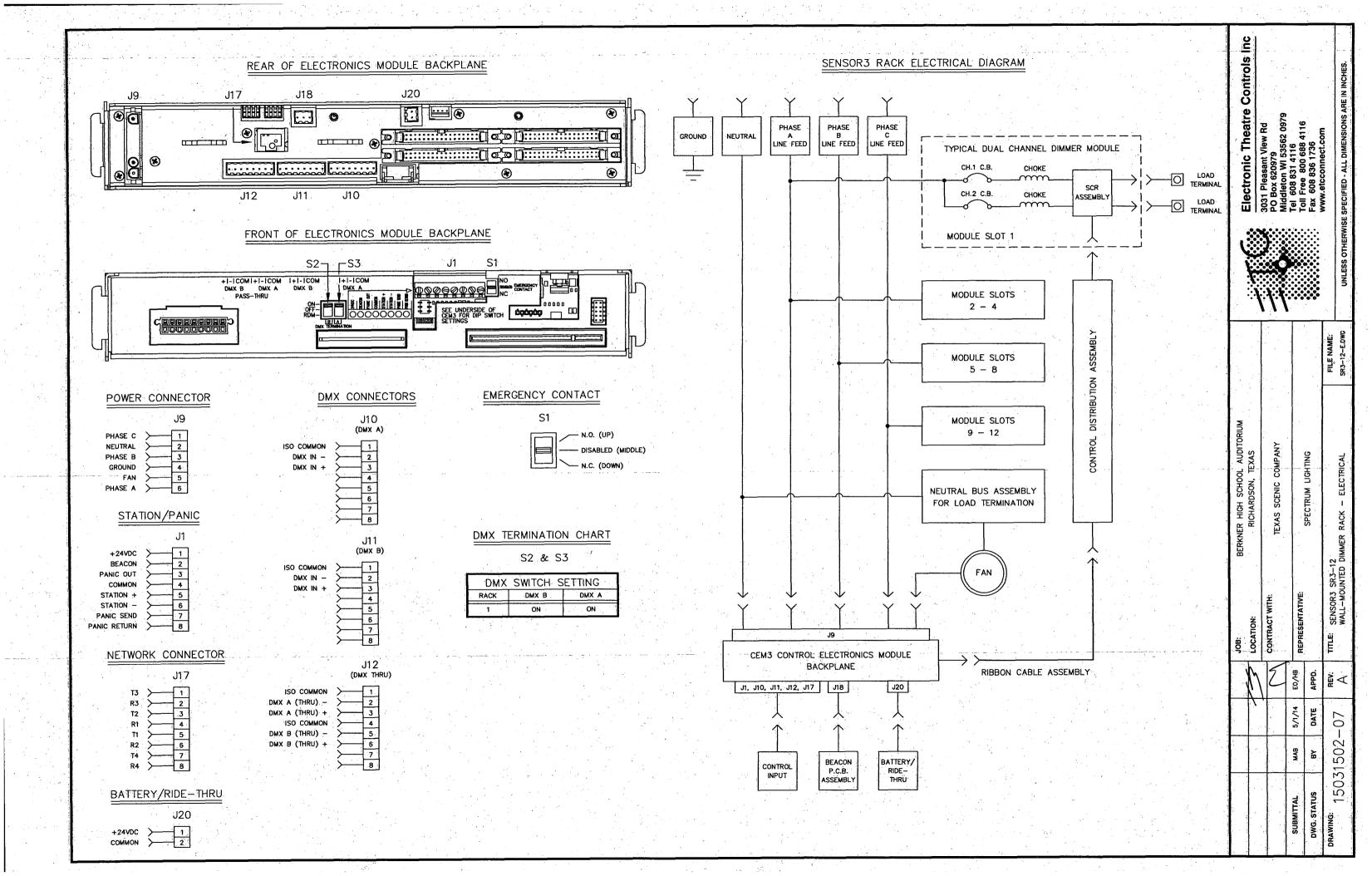
DMX WIRING



TORIUM Y FILE NAME: RISER-SENSOR.DWG	BERKNER HIGH SCHOOL AUDITORIUM RACT WITH: TEXAS SCENIC COMPANY ESENTATIVE: SPECTRUM LIGHTING DMX & UNISON CONTROL WIRING DIAGRAMS RISER-SENSOR.DWG	Electronic Theatre Controls I	3031 Pleasant View Hd PO Box 620979 Middleton WI 53562 0979	Tel 608 831 4116 Toll Free 800 688 4116	Fax 608 836 1736		UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.
TORIUM	BERKNER HICH SCHOOL AUDITORIUM RICHARDSON, TEXAS RACT WITH: TEXAS SCENIC COMPANY ESENTATIVE: SPECTRUM LIGHTING DMX & UNISON CONTROL WIRING DIAGRAMS						
BERKNER HICH SCHOOL AUDITORIUM RICHARDSON, TEXAS TEXAS SCENIC COMPANY SPECTRUM LIGHTING AISON CONTROL WRING DIAGRAMS	RACT WITH: ESENTATIVE: DMX & UNISON					FILE NAME:	RISER-SENSOR.DW
	TION FRAC	BERKNER HIGH SCHOOL AUDITORIUM RICHARDSON, TEXAS	TEXAS SCENIC COMPANY		SPECTRUM LIGHTING		VISON CONTROL WIRING DIAGRAMS
EO/HB REPR APPD. TITLE			9/12/14	5/1/14	DATE		_04
4 4 "	9/12/14 5/1/14 DATE		8.	MAB	ВУ		51502
9/12/14 5/1/14 DATE	BL 9/12/14 MAB 5/1/14 BY DATE		REVISION B	SUBMITTAL	DWG. STATUS	DRAWING:	







		FARIS-LIST		
EM	QTY.	DESCRIPTION	DESIGNATION	PART NUMI
A	1	SENSOR3 SR3-12 WALL-MOUNTED DIMMER RACK, BLACK		7141A1001-
В	1	SENSOR3 SR12 DIMMER RACK DOOR ASSEMBLY, BLACK		7141A2004-
c	3	SENSOR3 CEM3 CONTROL ELECTRONICS MODULE		7140A1003
D	12	SENSOR D20E DUAL 20A. (2.4 kW) DIMMER MODULE		7050A1031
E	1	SENSOR3 PHASE BAR FUSE TAP KIT		7141K1002
F	2	UNIVERSAL CEM CLASSIC TO CEM3 UPGRADE KIT		7141K1001

SENSOR MODULES

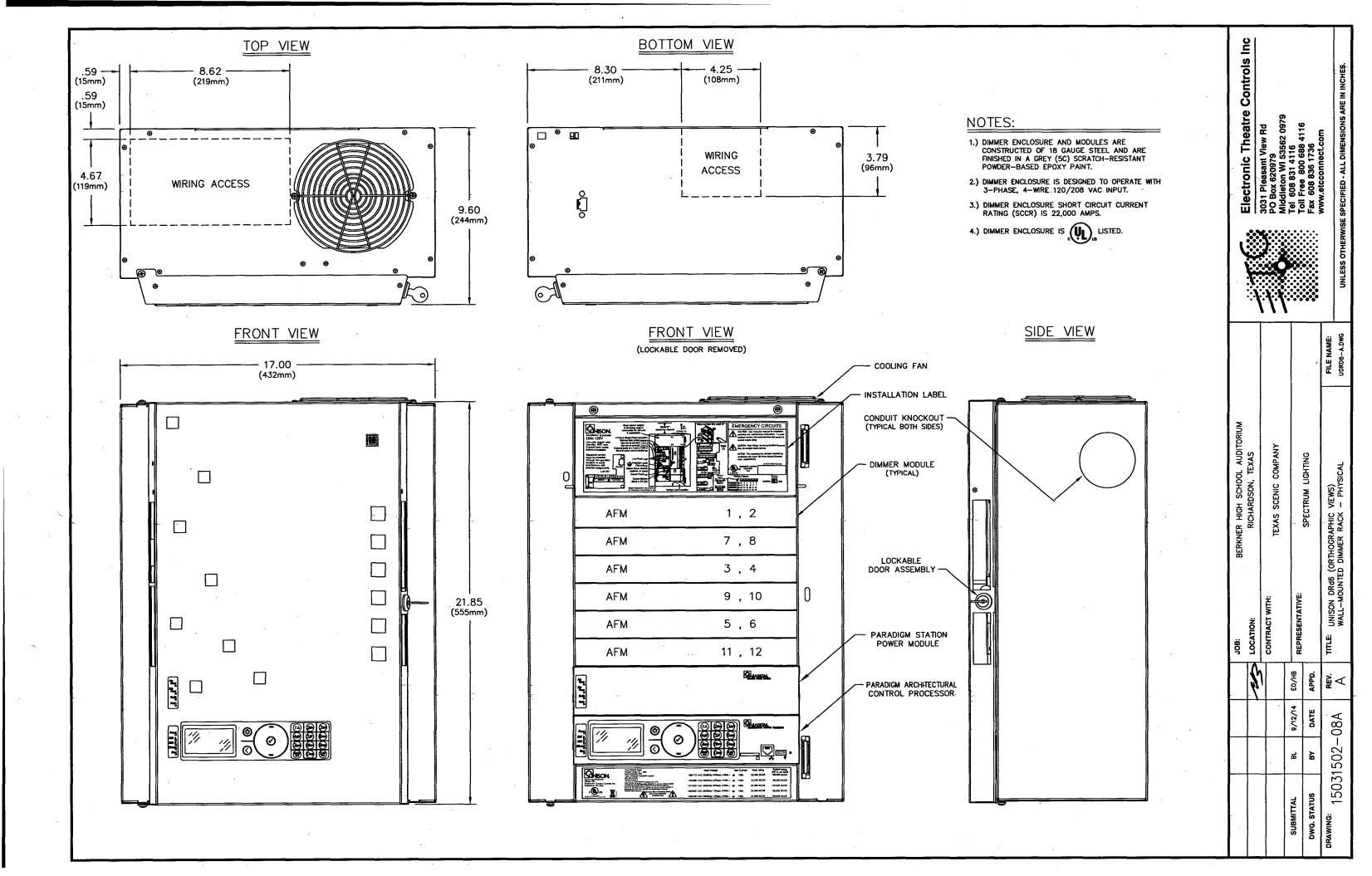
(FRONT VIEWS)

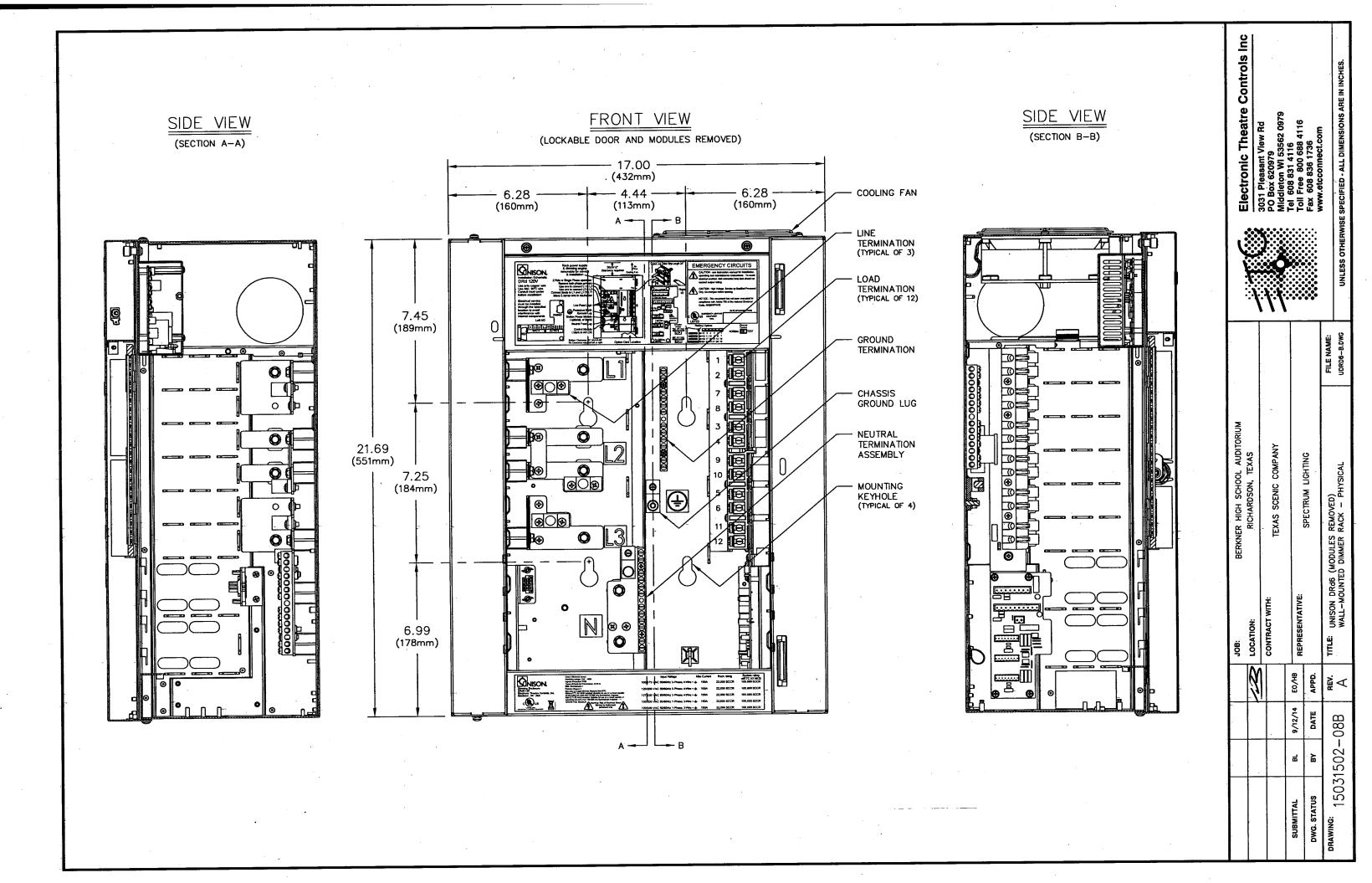
SENSOR CEM3

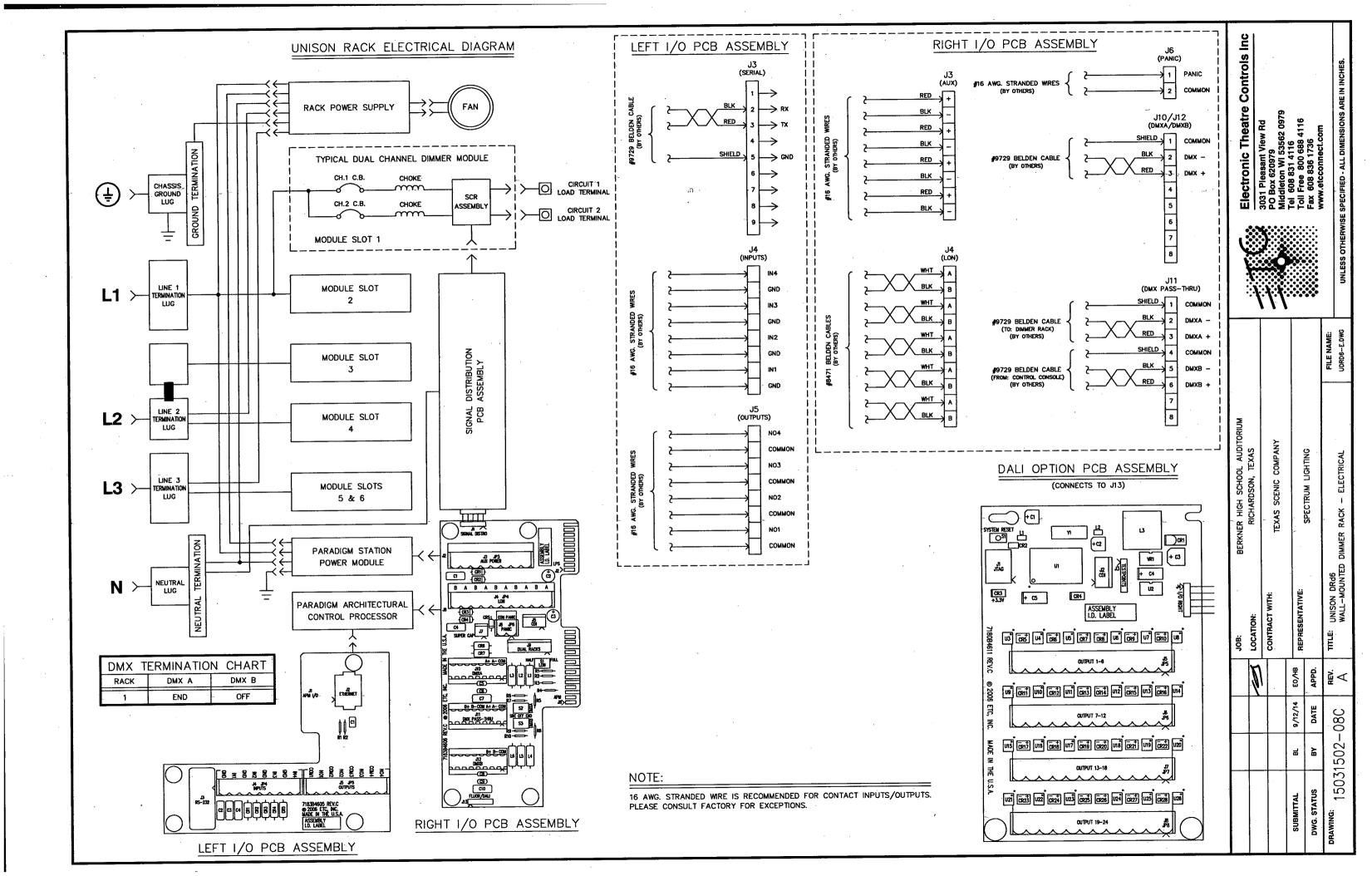
CONTROL ELECTRONICS MODULE

DUAL 20A. (2.4 kW) DIMMER MODULE

Electronic Theatre Controls Inc		3031 Pleasant View Hd	PO Box 620979 Middleton WI 53562 0979	T-1 600 031 416		Fax 608 836 1736		UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.	
•	••		11				FILE NAME:	SR3-BOM.DWG	
BERKNER HIGH SCHOOL AUDITORIUM	RICHARDSON, JEXAS		TEXAS SCENIC COMPANY			SPECTRUM LIGHTING	SENSOR3 (BILL - DE-MATERIALS)	DIMMER RACK - PHYSICAL	
JOB:	CONTRACT WITH:				REPRESENTATIVE:		TITLE: SFNSOR3 (B)	DIMMER RAC	
	1		1		EO/HB	APPD.	REV.	⋖	
	١				5/1/14	DATE		 80-	
,				٠	MAB	ВУ		15031502-08	
					SUBMITTAL	DWG. STATUS	DRAWING:		







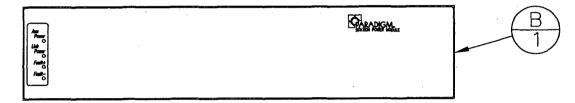
	PARTOLIST		
QTY.	DESCRIPTION	DESIGNATION	PART NUMBE
1	UNISON DRd6 DIMMER RACK ENCLOSURE: 100-120V	 .	7183A1005
1	UNISON P-SPM PARADIGM STATION POWER MODULE		7182A1001
1 .	UNISON P-ACP PARADIGM ARCH, CONTROL PROCESSOR		7180A1009
1	UNISON DRd-DALI DIGITAL ADDRESS LTG. INT. OPTION KIT		7183A1070
6	UNISON AFM BLANK AIR-FLOW MODULE		7083A1072
	DADADICM D. DOALTY TEDMINATION KIT		718041007

UNISON MODULES

(FRONT VIEWS)

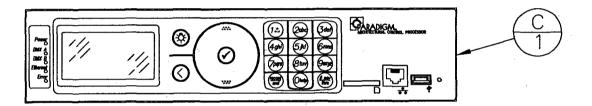


PARADIGM STATION POWER MODULE



UNISON P-ACP

PARADIGM ARCHITECTURAL CONTROL PROCESSOR



UNISON AFM
BLANK AIR-FLOW MODULE



Electronic Theatre Controls Inc

E0/HB

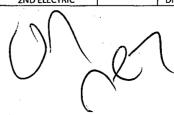
9/12/14

DHAWING: 15031502-08D

SUBMITTAL DWG. STATUS

									-	•		·										, 1
AUDITO	RIUM 1	20V DIN	1MER RA	CK "DR-1"		-		-												·		
	1	CIRCUIT						LOAD					CIRCUIT						LOAD		T	
SLOT#	DIMMER	NUMBER	CAPACITY	AREA SERVED	LOCATION	DEVICE	TYPE	(CONNECTED)	FIXED/TEMP	PHASE	SLOT#	DIMMER	NUMBER	CAPACITY	AREA SERVED	LOCATION	DEVICE	TYPE	(CONNECTED)	FIXED/TEMP	PHASE	1
1	1	1	2400W	STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY	T .	17	49	49	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	Α	
2	2	2	2400W	STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY	1 A	18	50	50	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	7 ^	
33	3	3.	2400W	STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY		49	51	51	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	В	
34	4	4	2400W	STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY	1 "	50	52	52	2400W	STAGE LIGHTING	FOH 2	· PB	DIMMER	1150W	TEMPORARY] B	
65	5	5	2400W	STAGE LIGHTING	FOH 1	РВ	DIMMER	1150W	TEMPORARY		81	53	53	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	С	
66	6	6	2400W	STAGE LIGHTING	FOH 1	РВ	DIMMER	1150W	TEMPORARY	1 0	82	54	54	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	1 '	
3	7	7	2400W	STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY		19	- 55	55	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY		
4	8	8	2400W	STAGE LIGHTING	FOH 1	РВ	DIMMER	1150W	TEMPORARY	† A	20	56	56	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY	A	
35	9	9	2400W	STAGE LIGHTING	FOH 1	РВ	DIMMER	1150W	TEMPORARY		51	57	57	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY	T	
36	10	10	2400W	STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY	1 B	52	58	58	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY	В	
67	11	11	2400W	STAGE LIGHTING	FOH 1	РВ	DIMMER	1150W	TEMPORARY		83	59 .	59	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY		
68	12	12	2400W	STAGE LIGHTING	FOH 1	РВ	DIMMER	1150W	TEMPORARY	C	84	60	60	2400W	STAGE LIGHTING	1ST ELECTRIC	<u> </u>	DIMMER	1150W	TEMPORARY	C	
5	13	13	2400W	STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY		21	61	61	2400W	STAGE LIGHTING	1ST ELECTRIC	1	DIMMER	1150W	TEMPORARY		
6	14	14	2400W	STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY	1 A :	22	62	62	2400W	STAGE LIGHTING	1ST ELECTRIC	1	DIMMER	1150W	TEMPORARY	Α .	
37	15	15	2400W	STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY		53	63	63	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY		
38	16	16	2400W	STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY	В	54	64	64	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY	В	
69	17	17	2400W	STAGE LIGHTING	FOH1	PB	DIMMER	1150W	TEMPORARY	 	85	65	65	2400W	STAGE LIGHTING	1ST ELECTRIC	· · · · · · · · · · · · · · · · · · ·	DIMMER	1150W	TEMPORARY		
70	18	18	2400W	STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY	C	86	66	66	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY	C	1
70	19	19	2400W	STAGE LIGHTING	FOH1	PB	DIMMER	1150W	TEMPORARY		23	67	67	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY		
8	20	20	2400W	STAGE LIGHTING	FOH1	PB	DIMMER	1150W	TEMPORARY	Α .	24	68	68	2400W	STAGE LIGHTING	1ST ELECTRIC	<u> </u>	DIMMER	1150W	TEMPORARY	A	
39	21	21	2400W	STAGE LIGHTING	FOH 1	PB.	DIMMER	1150W	TEMPORARY	-	55	69	69	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY		
40	22	22	2400W	STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY	В	56	70	70	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY	В	
		23	2400W	STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY	-	87	71	71	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY		ı I
71	23		 	STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY	C	88	72	72	2400W	STAGE LIGHTING	1ST ELECTRIC	 	DIMMER	1150W	TEMPORARY	c	(1
72	24	24	2400W	STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY		25	73	73	2400W	STAGE LIGHTING	1ST ELECTRIC	ļ	DIMMER	1150W	TEMPORARY		
9	25				FOH 1	PB PB	DIMMER	1150W	TEMPORARY	Α .	26	74	74	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY	Α	H
10	26	26	2400W	STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY	 	57	75	75	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY		
41	27	27	2400W	STAGE LIGHTING STAGE LIGHTING	FOH 1	PB	DIMMER	1150W	TEMPORARY	В:	58	76	76	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY	В	П
42	28				FOH1	PB	DIMMER	1150W	TEMPORARY		89	77	77	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY	· · · · · · · · · · · · · · · · · · ·	П
73	29	29	2400W	STAGE LIGHTING		PB PB	DIMMER	1150W	TEMPORARY	C .	90	78	78	2400W	STAGE LIGHTING	1ST ELECTRIC	-	DIMMER	1150W	TEMPORARY	C	
74	30	30	2400W	STAGE LIGHTING	FOH1	PB PB	DIMMER	1150W	TEMPORARY	 	27	79	79	2400W	STAGE LIGHTING	1ST ELECTRIC	 	DIMMER	1150W	TEMPORARY		ιI
11	31	31	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	A	28	80	80	2400W	STAGE LIGHTING	1ST ELECTRIC	 	DIMMER	1150W	TEMPORARY	Α	
12	32	32	2400W	STAGE LIGHTING			DIMMER	1150W	TEMPORARY		59	81	81	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY		
43	33	33	2400W	STAGE LIGHTING	FOH 2	PB PB	DIMMER	1150W	TEMPORARY	В	60	82	82	2400W	STAGE LIGHTING	1ST ELECTRIC	 	DIMMER	1150W	TEMPORARY	В	
44	34	34	2400W	STAGE LIGHTING	FOH 2	PB PB	DIMMER	1150W		 	91	83	83	2400W	STAGE LIGHTING	1ST ELECTRIC		DIMMER	1150W	TEMPORARY		
75	35	35	2400W	STAGE LIGHTING	FOH 2		+		TEMPORARY	- C	92	84	84	2400W	STAGE LIGHTING	1ST ELECTRIC	<u> </u>	DIMMER	1150W	TEMPORARY	C	
76	36	36	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	 		+	85			 	 	DIMMER			_	
13	37	37	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	Α .	29	85	-	2400W	STAGE LIGHTING	2ND ELECTRIC	ļ		1150W	TEMPORARY TEMPORARY	Α.	
14	38	38	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	<u> </u>	30	86	86	2400W	STAGE LIGHTING	2ND ELECTRIC	ļ	DIMMER	1150W		-	
45	. 39	39	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	В	· 61	87	87	2400W	STAGE LIGHTING	2ND ELECTRIC	 -	DIMMER	1150W	TEMPORARY	В	ı I
46	40	40	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY		62	88	88	2400W	STAGE LIGHTING	2ND ELECTRIC	ļ	DIMMER	1150W	TEMPORARY	-	
77	41	41	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	- c	93	89	89	2400W	STAGE LIGHTING	2ND ELECTRIC		DIMMER	1150W	TEMPORARY	c	
78	42	42	2400W	STAGE LIGHTING	FOH 2	PB.	DIMMER	1150W	TEMPORARY		94	90	90	2400W	STAGE LIGHTING	2ND ELECTRIC		DIMMER	1150W	TEMPORARY	-	
15	43	43	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	A	31	91	91	2400W	STAGE LIGHTING	2ND ELECTRIC		DIMMER	1150W	TEMPORARY	A	ΙŢ
16	44	44	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	<u> </u>	32	92	92	2400W	STAGE LIGHTING	2ND ELECTRIC	-	DIMMER	1150W	TEMPORARY	<u> </u>	
47	45	45	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	В	63	.93	93	2400W	STAGE LIGHTING	2ND ELECTRIC	-	DIMMER	1150W	TEMPORARY	В	
48	46	46	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	<u> </u>	64	94	94	2400W	STAGE LIGHTING	2ND ELECTRIC		DIMMER	1150W	TEMPORARY	ļ	(†
79	47	47	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	- c .	95	95	95	2400W	STAGE LIGHTING	2ND ELECTRIC		DIMMER	1150W	TEMPORARY	c	
80	48	48	2400W	STAGE LIGHTING	FOH 2	PB	DIMMER	1150W	TEMPORARY	1	96	96	96	2400W	STAGE LIGHTING	2ND ELECTRIC	1	DIMMER	1150W	TEMPORARY		ιI

SCHEDULE PER DRAWING TL-06 DATED 11/15/13



DEKKNEK	LOCATION: RICHARDSON, TEXAS	CONTRACT WITH: TEXAS SCENIC COMPANY 3031 Pleasant View Rd TEXAS SCENIC COMPANY MICHIBERRA WI 5352 0070	MAB 5/1/14 EO/HB REPRESENTATIVE: Tell 608 831 416	SPECTRUM LIGHTING	REV. TITLE:	15U5I5UZ—U9 A DR-1 LOAD SCHEDULE SCEDULE-REF.DWG UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.	B
`						02-09	
			SUBMITTAL	DWG. STATUS B	DRAWING: 7 F C 7 7 F	15051	

2.0			•	** · · · · · · · · · · · · · · · · · ·													·					:1
AUDITO	RIUM 1	20V DIN	MFR RA	CK "DR-1"																		
AODITO		CIRCUIT			,	ŀ	T	LOAD		1			CIRCUIT	, 1			[LOAD			
SLOT#	DIMMER	NUMBER	CADACITY	AREA SERVED	LOCATION	DEVICE	TYPE	(CONNECTED)	FIXED/TEMP	PHASE	SLOT#	DIMMER	NUMBER	CAPACITY	AREA SERVED	LOCATION	DEVICE	TYPE	(CONNECTED)	FIXED/TEMP	PHASE	1
SLOT#	1	97	2400W	STAGE LIGHTING	2ND ELECTRIC	BEVICE	DIMMER	1150W	TEMPORARY		17	49	145	2400W	STAGE LIGHTING	DSL	WB	DIMMER	1150W	TEMPORARY		
1	2	98	2400W	STAGE LIGHTING	2ND ELECTRIC		DIMMER	1150W	TEMPORARY	Α .	18	50	146	2400W	STAGE LIGHTING	DSL	WB	DIMMER	1150W	TEMPORARY	Α	
33	3	99	2400W	STAGE LIGHTING	2ND ELECTRIC	1	DIMMER	1150W	TEMPORARY		49	51	147	2400W	STAGE LIGHTING	DSL	WB	DIMMER	1150W	TEMPORARY		
			2400W	STAGE LIGHTING	2ND ELECTRIC		DIMMER	1150W	TEMPORARY	В	50	52	148	2400W	STAGE LIGHTING	DSR	WB	DIMMER	1150W	TEMPORARY	B	
34	<u>4</u> 5	100	2400W	STAGE LIGHTING	2ND ELECTRIC	 	DIMMER	1150W	TEMPORARY		81	53	149	2400W	STAGE LIGHTING	DSR	WB	DIMMER	1150W	TEMPORARY		
65	6	101	2400W	STAGE LIGHTING	2ND ELECTRIC		DIMMER	1150W	TEMPORARY	C	82	54	150	2400W	STAGE LIGHTING	DSR	WB	DIMMER	1150W	TEMPORARY	C	
66	7	102	2400W	STAGE LIGHTING	2ND ELECTRIC		DIMMER	1150W	TEMPORARY	:	19	55	151	2400W	STAGE LIGHTING	USL	WB	DIMMER	1150W	TEMPORARY		
4	8	103	2400W	STAGE LIGHTING	2ND ELECTRIC		DIMMER	1150W	TEMPORARY	A .	20	56	152	2400W	STAGE LIGHTING	USL	WB	DIMMER	1150W	TEMPORARY	A	
	9	104	2400W	STAGE LIGHTING	3RD ELECTRIC		DIMMER	1150W	TEMPORARY		51	57	153	2400W	STAGE LIGHTING	USL	WB	DIMMER	1150W	TEMPORARY		
35 36	10	106	2400W	STAGE LIGHTING	3RD ELECTRIC		DIMMER	1150W	TEMPORARY	- В	52	58	154	2400W	STAGE LIGHTING	USC	WB	DIMMER	1150W	TEMPORARY	В	1
	11	106	2400W	STAGE LIGHTING	3RD ELECTRIC		DIMMER	1150W	TEMPORARY		83	59	155	2400W	STAGE LIGHTING	USC	WB	DIMMER	1150W	TEMPORARY		
67	12	107	2400W	STAGE LIGHTING	3RD ELECTRIC		DIMMER	1150W	TEMPORARY	C	84	60	156	2400W	STAGE LIGHTING	USC	WB	DIMMER	1150W	TEMPORARY	C	4
68	13	109	2400W	STAGE LIGHTING	3RD ELECTRIC	 	DIMMER	1150W	TEMPORARY		21	61	157	2400W	STAGE LIGHTING	USR	WB	DIMMER	1150W	TEMPORARY		
5	14	110	2400W	STAGE LIGHTING	3RD ELECTRIC		DIMMER	1150W	TEMPORARY	Α :	22	62	158	2400W	STAGE LIGHTING	USR	WB	DIMMER	1150W	TEMPORARY	A	
	15	111	2400W	STAGE LIGHTING	3RD ELECTRIC	-	DIMMER	1150W	TEMPORARY	†	53	63	159	2400W	STAGE LIGHTING	USR	WB	DIMMER	1150W	TEMPORARY		
37	16	1112	2400W	STAGE LIGHTING	3RD ELECTRIC	 	DIMMER	1150W	TEMPORARY	B B	54	64	160	2400W	STAGE LIGHTING	SR	DB	DIMMER	1150W	TEMPORARY	В	
-			2400W	STAGE LIGHTING	3RD ELECTRIC	 	DIMMER	1150W	TEMPORARY		85	65	161	2400W	STAGE LIGHTING	SR	DB	DIMMER	1150W	TEMPORARY		
69	17	113	2400W	STAGE LIGHTING	3RD ELECTRIC		DIMMER	1150W	TEMPORARY	- C .	86	66	162	2400W	STAGE LIGHTING	SR	DB	DIMMER	1150W	TEMPORARY	C	
70	18	114	2400W	STAGE LIGHTING	3RD ELECTRIC		DIMMER	1150W	TEMPORARY	·	23	67	163	2400W	STAGE LIGHTING	SR	DB	DIMMER	1150W	TEMPORARY		
<u> </u>	19			STAGE LIGHTING	3RD ELECTRIC	 	DIMMER	1150W	TEMPORARY	- A	24	68	164	2400W	STAGE LIGHTING	SR	DB	DIMMER	1150W	TEMPORARY	Α	
8	20	116	2400W	STAGE LIGHTING	3RD ELECTRIC		DIMMER	1150W	TEMPORARY		55	69	165	2400W	STAGE LIGHTING	SR	DB	DIMMER	1150W	TEMPORARY		
39	21	117			3RD ELECTRIC	 	DIMMER	1150W	TEMPORARY	- В	56	70	166	2400W	STAGE LIGHTING	SL	DB	DIMMER	1150W	TEMPORARY	В	
40	22	118	2400W	STAGE LIGHTING	3RD ELECTRIC	ļ	DIMMER	1150W	TEMPORARY	 	87	71	167	2400W	STAGE LIGHTING	SL	DB	DIMMER	1150W	TEMPORARY		
71	23	119	2400W	STAGE LIGHTING	3RD ELECTRIC		DIMMER	1150W	TEMPORARY	- C :	88	72	168	2400W	STAGE LIGHTING	SL	DB	DIMMER	1150W	TEMPORARY	C	9
72	24	120	2400W	STAGE LIGHTING	3RD ELECTRIC	 	DIMMER	1150W	TEMPORARY		25	73	169	2400W	STAGE LIGHTING	SL	DB	DIMMER	1150W	TEMPORARY		. []
9	25	121	2400W	STAGE LIGHTING	3RD ELECTRIC		DIMMER	1150W	TEMPORARY	- A :	26	74	170	2400W	STAGE LIGHTING	. SL	DB	DIMMER	1150W	TEMPORARY	Α	3
10	26	122	2400W	STAGE LIGHTING	3RD ELECTRIC	 	DIMMER	1150W	TEMPORARY		57	75	171	2400W	STAGE LIGHTING	SL	DB	DIMMER	1150W	TEMPORARY		
41	27	123	2400W	STAGE LIGHTING STAGE LIGHTING	3RD ELECTRIC	1	DIMMER	1150W	TEMPORARY	В	58	76	172	2400W	STAGE LIGHTING	CATWALK RUNNING	-	DIMMER	1150W	PERMANENT	В	1
42	28	124	2400W 2400W	STAGE LIGHTING	3RD ELECTRIC		DIMMER	1150W	TEMPORARY		89	77	173	2400W	STAGE LIGHTING	CATWALK RUNNING	-	DIMMER	1150W	PERMANENT		9
73	29	125		STAGE LIGHTING	3RD ELECTRIC	 	DIMMER	1150W	TEMPORARY	- C	90	78	174	2400W	STAGE LIGHTING	STAGE RUNNING	_	DIMMER	1150W	TEMPORARY	С	
74	30	126 127	2400W 2400W	STAGE LIGHTING	4TH ELECTRIC		DIMMER	1150W	TEMPORARY		27	79	175	2400W	STAGE LIGHTING	STAGE RUNNING	-	DIMMER	1150W	TEMPORARY		
11	32	128	2400W	STAGE LIGHTING	4TH ELECTRIC		DIMMER	1150W	TEMPORARY	- A	28	80	176		RESERVED FOR ARCHITE	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	Α	
12			2400W	STAGE LIGHTING	4TH ELECTRIC	<u> </u>	DIMMER	1150W	TEMPORARY	·	59	81	177	1	RESERVED FOR ARCHITE			DIMMER	T.B.D.	PERMANENT		1
43	33 34	129 130	2400W	STAGE LIGHTING	4TH ELECTRIC		DIMMER	1150W	TEMPORARY	- B	60	82	178		RESERVED FOR ARCHITE			DIMMER	T.B.D.	PERMANENT	B	
44	35	131	2400W	STAGE LIGHTING	4TH ELECTRIC		DIMMER	1150W	TEMPORARY	—	91	83	179		RESERVED FOR ARCHITE			DIMMER	T.B.D.	PERMANENT		
75	36	132	2400W	STAGE LIGHTING	4TH ELECTRIC	-	DIMMER	1150W	TEMPORARY	- C	92	84	180		RESERVED FOR ARCHITE			DIMMER	T.B.D.	PERMANENT	С	
76	37	133	2400W	STAGE LIGHTING	4TH ELECTRIC		DIMMER	1150W	TEMPORARY		29	85	181		RESERVED FOR ARCHITE		***************************************	DIMMER	T.B.D.	PERMANENT		
13	38	134	2400W	STAGE LIGHTING	4TH ELECTRIC		DIMMER	1150W	TEMPORARY	- A	30	86	182		RESERVED FOR ARCHITE			DIMMER	T.B.D.	PERMANENT	Α	
14 45	39	135	2400W	STAGE LIGHTING	4TH ELECTRIC		DIMMER	1150W	TEMPORARY		61	87	183		RESERVED FOR ARCHITE		ju in	DIMMER	T.B.D.	PERMANENT		•
-	40	136	2400W	STAGE LIGHTING	4TH ELECTRIC	 	DIMMER	1150W	TEMPORARY	- В	62	88	184	-	RESERVED FOR ARCHITE			DIMMER	T.B.D.	PERMANENT	В	1.
46		137	2400W	STAGE LIGHTING	4TH ELECTRIC	 	DIMMER	1150W	TEMPORARY		93	89	185		RESERVED FOR ARCHITE		in a second	DIMMER	T.B.D.	PERMANENT		8
77	41	137	2400W	STAGE LIGHTING	4TH ELECTRIC		DIMMER	1150W	TEMPORARY	- c	94	90	186		RESERVED FOR ARCHITE			DIMMER	T.B.D.	PERMANENT	С	-
78			2400W	STAGE LIGHTING STAGE LIGHTING	4TH ELECTRIC	1	DIMMER	1150W	TEMPORARY		31	91	187	+	RESERVED FOR ARCHITE			DIMMER	T.B.D.	PERMANENT		
15	43	139 140	2400W	STAGE LIGHTING STAGE LIGHTING	4TH ELECTRIC	1	DIMMER	1150W	TEMPORARY	- A	32	92	188	2400W	RESERVED FOR ARCHITE			DIMMER	T.B.D.	PERMANENT	Α	
16			2400W	STAGE LIGHTING	4TH ELECTRIC		DIMMER	1150W	TEMPORARY	-	63	93	189		RESERVED FOR ARCHITE			DIMMER	T.B.D.	PERMANENT		
47	45 46	141	2400W	STAGE LIGHTING	4TH ELECTRIC		DIMMER	1150W	TEMPORARY	– В	64	94	190	2400W	RESERVED FOR ARCHITE			DIMMER	T.B.D.	PERMANENT	В	1
48	46	142	2400W	STAGE LIGHTING	4TH ELECTRIC	 	DIMMER	1150W	TEMPORARY	1	95	95	191		RESERVED FOR ARCHITE	·		DIMMER	T.B.D.	PERMANENT		
79	47	143	2400W	STAGE LIGHTING STAGE LIGHTING	4TH ELECTRIC	77.	DIMMER	1150W	TEMPORARY	- c	96	96	192		RESERVED FOR ARCHITE			DIMMER	T.B.D.	PERMANENT	C	
	1 48	1 144	1 240000	JAGE LIGHTING	4111 CLLCINIC		CHAMAICIA	1 110000	1 121111 0127111	4		1			· · · - · · · · · · · · · · · ·	<u> </u>	124					F 1

SCHEDULE PER DRAWING TL-06 DATED 11/15/13



PHASE A B C A B	entropian mengali menganan menganan dan kalangan penganan sebagai penganan sebagai penganan sebagai penganan p	Electronic Theatre Controls		3031 Pleasant View Rd	PO Box 620979 Middleton WI 53562 0979	Tel 608 831 4116	Fig. 100 Fig. 100 Fig. 100 B36 Fig. 100	WW.elcolliect.com	UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.	
C A B			f					FILE NAME:	DIMMER- SCEDULE-REF.DWG	
С				ŀ					<u> </u>	
Α		-								
В		BERKNER HIGH SCHOOL AUDITORIUM			> -			,		
c		AUDI	RICHARDSON, TEXAS		TEXAS SCENIC COMPANY		TING			
Α		된 당	⊢ No		00 01		/ LIGH			
В		SH Si	HARDS		SCEN		SPECTRUM LIGHTING			
С		ER H			TEXAS		SPE			
, A		BERKI							EDUL	
В						,			. SC	
С			· .		Ï	Ä.			DR-2 LOAD SCHEDULE	
Α .			ż		CT WIT	NTATI	,		DR-	
В		JOB:	OCATION:	-	CONTRACT WITH:	REPRESENTATIVE		TITLE:		
С		옥	2	Ŀ	8	- "		F		
Α			11	-		EO/HB	APPD.	REV.	*	3
В	1	7	Ι,	ļ					\ '	
с						5/1/14	DATE	,		
						MAB	à	(15031502—10	
			h.			2		1	3 اک	
	and the second					SUBMITTAL	WG. STATUS	WING:	0GT	

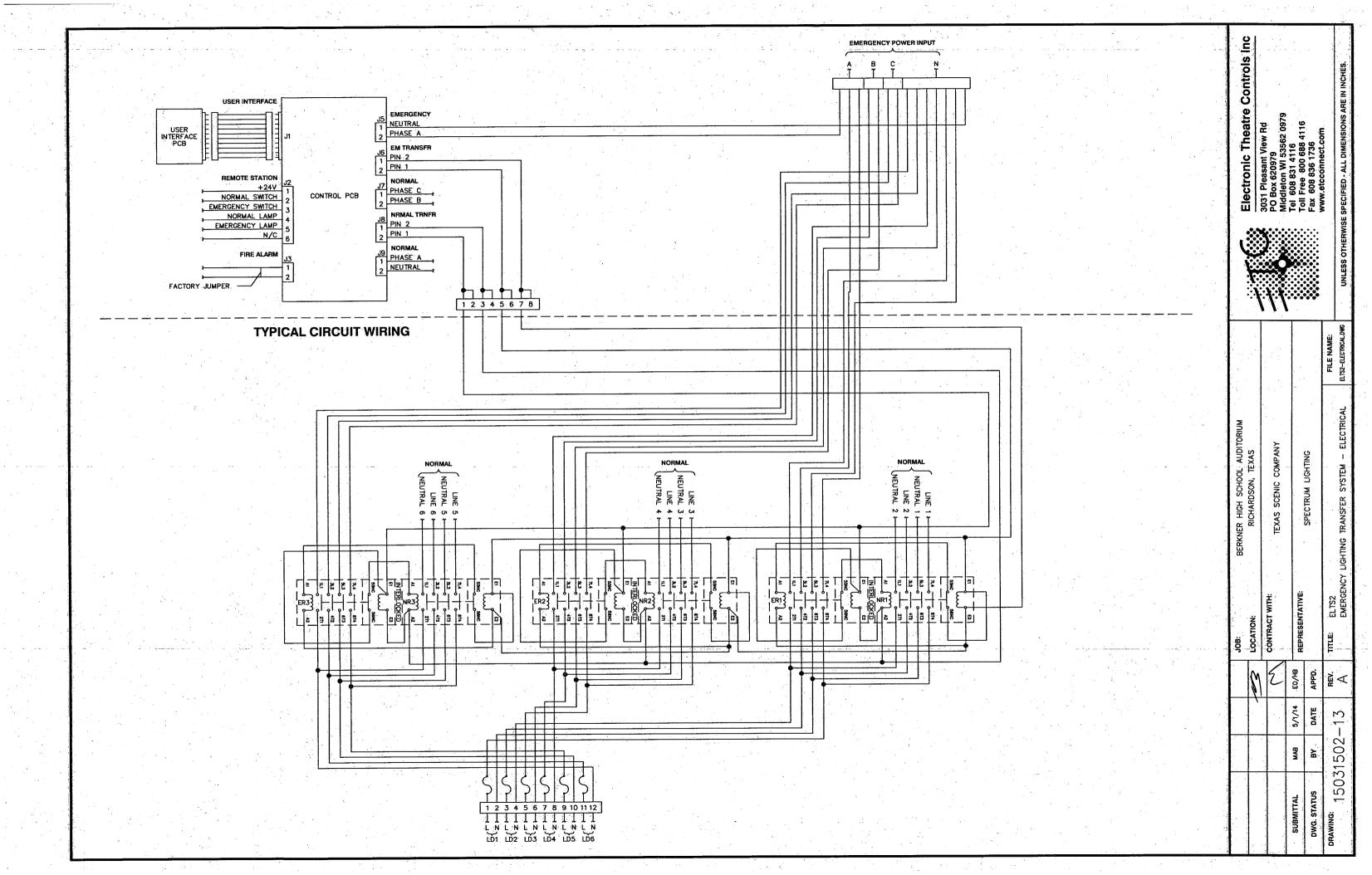
AUDITO	RIUM 2	77V DIN	1MER RA	ACK "DR-3"						
		CIRCUIT						LOAD		
SLOT#	DIMMER	NUMBER	CAPACITY	AREA SERVED	LOCATION	DEVICE	TYPE	(CONNECTED)	FIXED/TEMP	PHASE
1	1	193	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	Λ
2	2	194	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	Α
7	3	195	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	В
8	4	196	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	Đ
13	5	197	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	С
14	6	198	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	Ü
19	7	199	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	Λ
20	8	200	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	Α
3	9	201	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	В
4	10	202	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	Ь
9	11	203	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	,
10	12	204	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	
- 15	13	205	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	,
16	14	206	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	
21	15	207	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	
22	16	208	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING	X 1	DIMMER	T.B.D.	PERMANENT	
5	17	209	2400W	RESERVED FOR ARCHITEC	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	С
6	18	210	2400W	RESERVED FOR ARCHITE	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	
11	19	211	2400W	RESERVED FOR ARCHITE	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	
12	20	212	2400W	RESERVED FOR ARCHITE	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	
17	21	213	2400W	RESERVED FOR ARCHITE	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	
18	22	214	2400W	RESERVED FOR ARCHITE	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	
23	23	215	2400W	RESERVED FOR ARCHITE	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	
24	24	216	2400W	RESERVED FOR ARCHITE	CTURAL LIGHTING		DIMMER	T.B.D.	PERMANENT	

SCHEDULE PER DRAWING TL-06 DATED 11/15/13

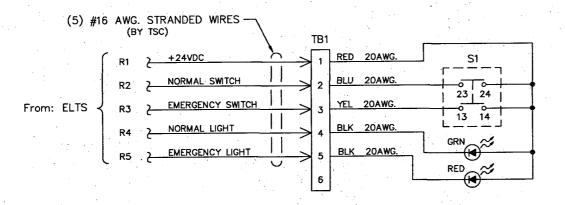


			\$	JOB: BERKNER HIGH SCHOOL AUDITORIUM LOCATION: RICHARDSON, TEXAS	Electronic Theatre Controls Inc
			E	CONTRACT WITH: TEXAS SCENIC COMPANY	3031 Pleasant View Rd PO Box 620979
SUBMITTAL	MAB	5/1/14	E0/HB	REPRESENTATIVE:	Migaleton VI 35362 0978 Fel 608 831 4114 Tel 500 600 600 4146
DWG. STATUS	λe	DATE	APPD.	SPECTRUM LIGHTING	Fax 608 836 1736
DRAWING:			REV.	TITLE:	www.etcconnect.com
150,	15051502-11	<u>-</u> -1	£	DR-3 LOAD SCHEDULE SCEDULE-REF.DWG	UNLESS OTHERWISE SPECIFIED - ALL DIMENSIONS ARE IN INCHES.
			ß		

Controls Inc PARTS LIST PART NUMBER ITEM QTY. DESCRIPTION DESIGNATION NOTES: 1096A1012 ELTS2-1-M-3P-12 TOP VIEW 1.) ENCLOSURE SHALL BE WALL-MOUNTABLE, NEMA-1 MADE FROM CODE GAUGE STEEL. 2.) ENCLOSURE SHALL BE FINISHED, INSIDE AND OUT, WITH A WARM GRAY (5C) MEDIUM TEXTURED BAKED POWDER. **Electronic Theatre** 3.) ENCLOSURE SHALL INCLUDE A PIANO-HINGED LOCKABLE DOOR WITH INSIDE DRAWING HOLDER. 4.) ENCLOSURE SHALL BE RATED: 80A.(Max.), 120/208VAC, 3-PHASE, 4 WIRE, 60Hz. 5.) ENCLOSURE SHORT CIRCUIT CURRENT RATING (SCCR) IS 65,000 AMPS RMS SYMMETRICAL. 6.) ELTS 20A. CIRCUITS ARE RATED FOR A CONTINUOUS LOAD OF 1920 WATTS PER CIRCUIT. 7.) ENCLOSURE IS (UL) LISTED. SIDE VIEW FRONT VIEW FRONT VIEW 10.26 (DOOR ASSEMBLY SHOWN OPEN) - 24.42 8.71 [V]8 0 0 **=** 6 EMERGENCY FEED Q A B C N NER HIGH SCHOOL AUDI RICHARDSON, TEXAS 37.56 MOUNTING REFERENCE 36.35 0 38.81 5/1/14 DATE • 🔞 • 502 00 15031 M DWG. STATUS SUBMITTAL (MOUNTING REFERENCE)



ELECTRICAL DIAGRAM



SIDE VIEW FRONT VIEW .05 X 45 BEVEL .08 --- 2.50 (TYP. TOP & BOTTOM) - 1.81 -- 1.38 -.61 **HOUSELIGHTS** 0 **AUTO EMERGENCY** NORMAL 3.75 3.28 4.50 **((**

PARTS LIST

1.) FACE PANEL IS .08 ALUMINUM FINISHED IN A BLACK SMOOTH MATTE POWDER COAT.

3.) BACK BOX SHALL BE DOUBLE GANG 2.50" DEEP RACO #691 (OR EQUIVALENT), AND IS SUPPLIED BY OTHERS. GANGABLE BACK BOX IS NOT ACCEPTABLE.

2.) ALL NOMENCLATURE IS SILKSCREENED WITH A WHITE EPOXY INK.

DESCRIPTION

ELTS REMOTE EMERGENCY KEYSWITCH STATION,

NOTES:

ITEM QTY.

DESIGNATION

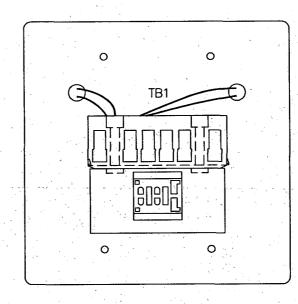
PART NUMBER 1093A1007

Electronic Theatre
3031 Pleasant View Rd
PO Box 620979
Middleton WI 53562 0979

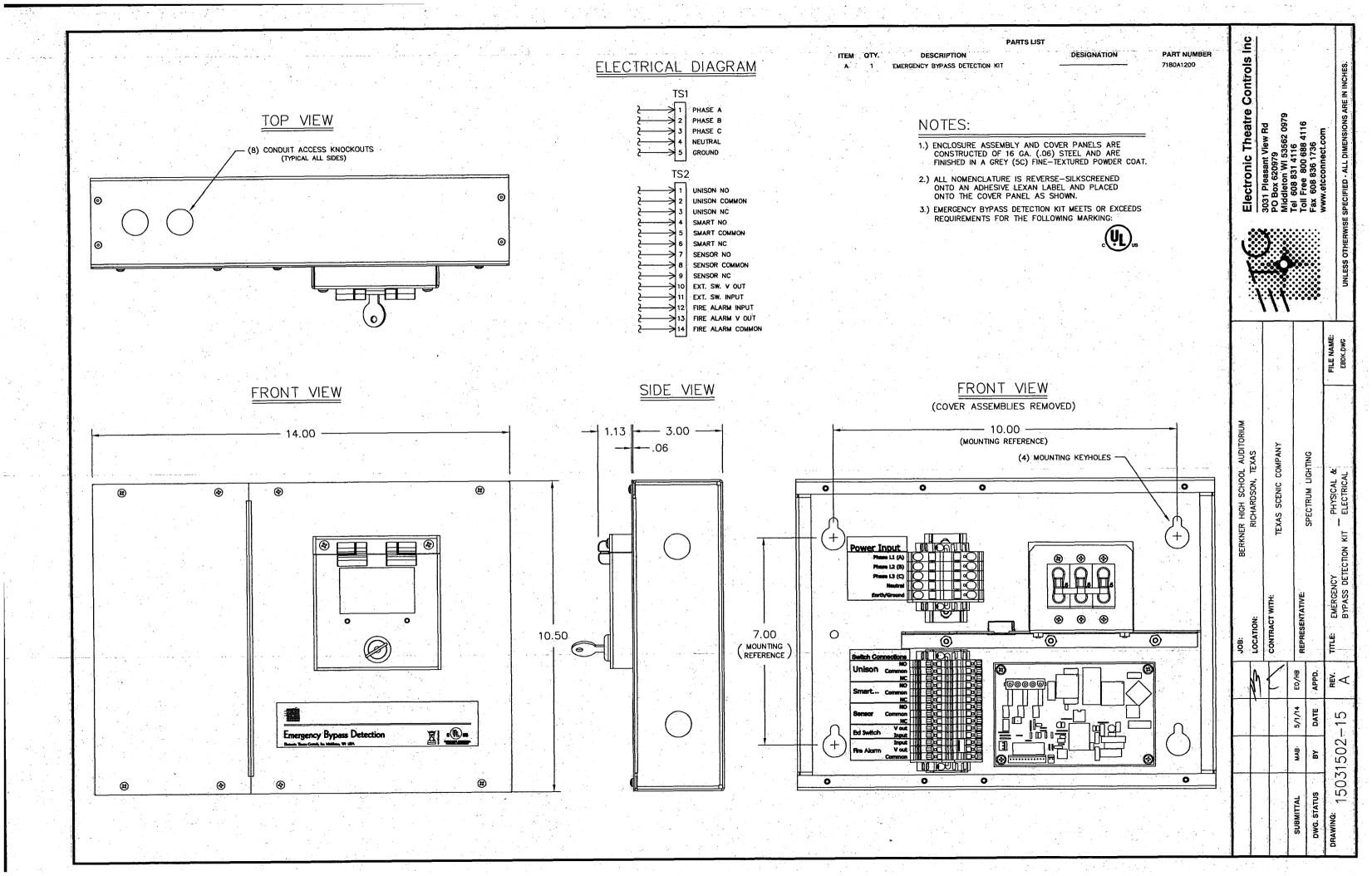
Nid O Sign

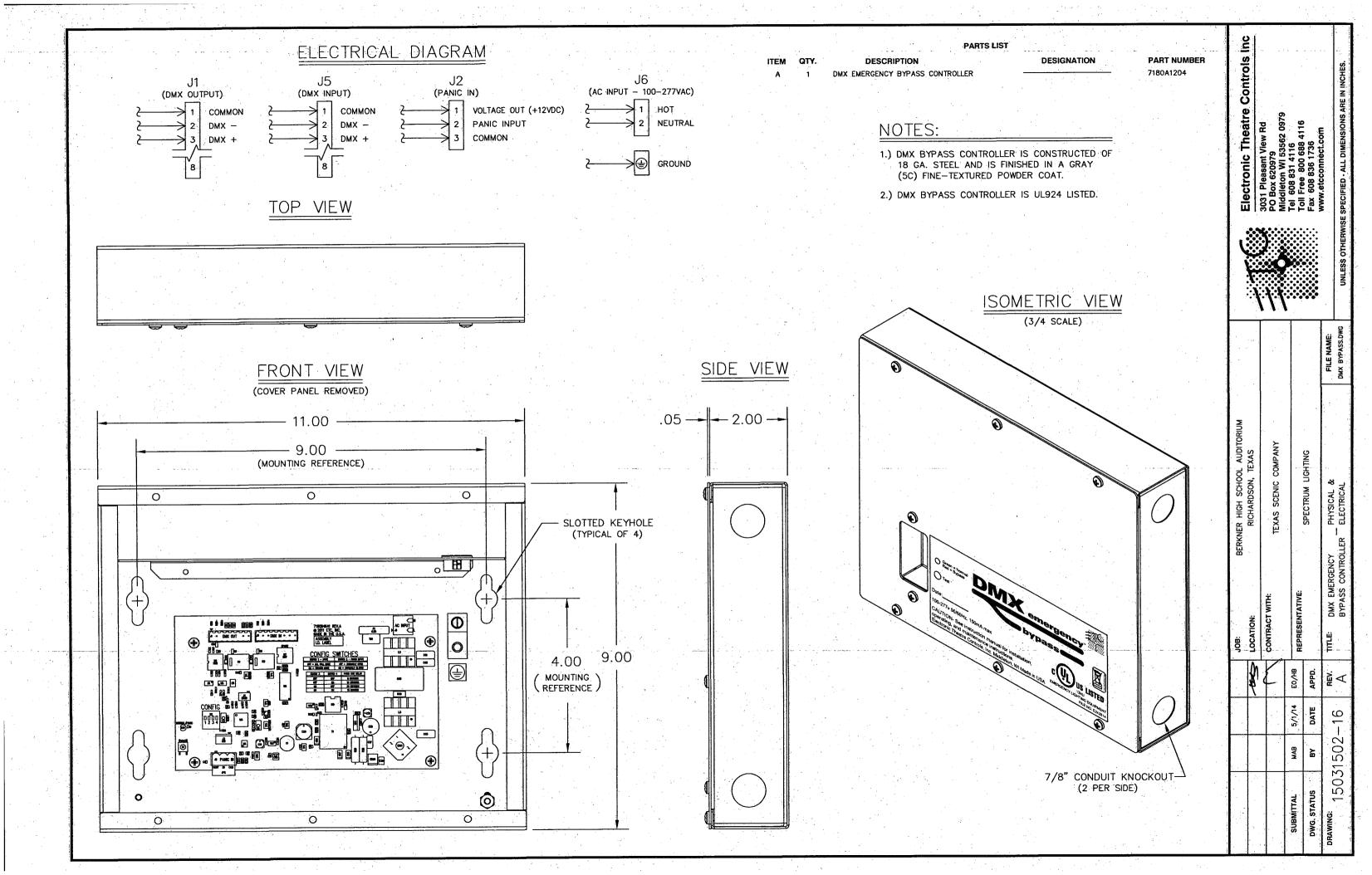
Controls Inc

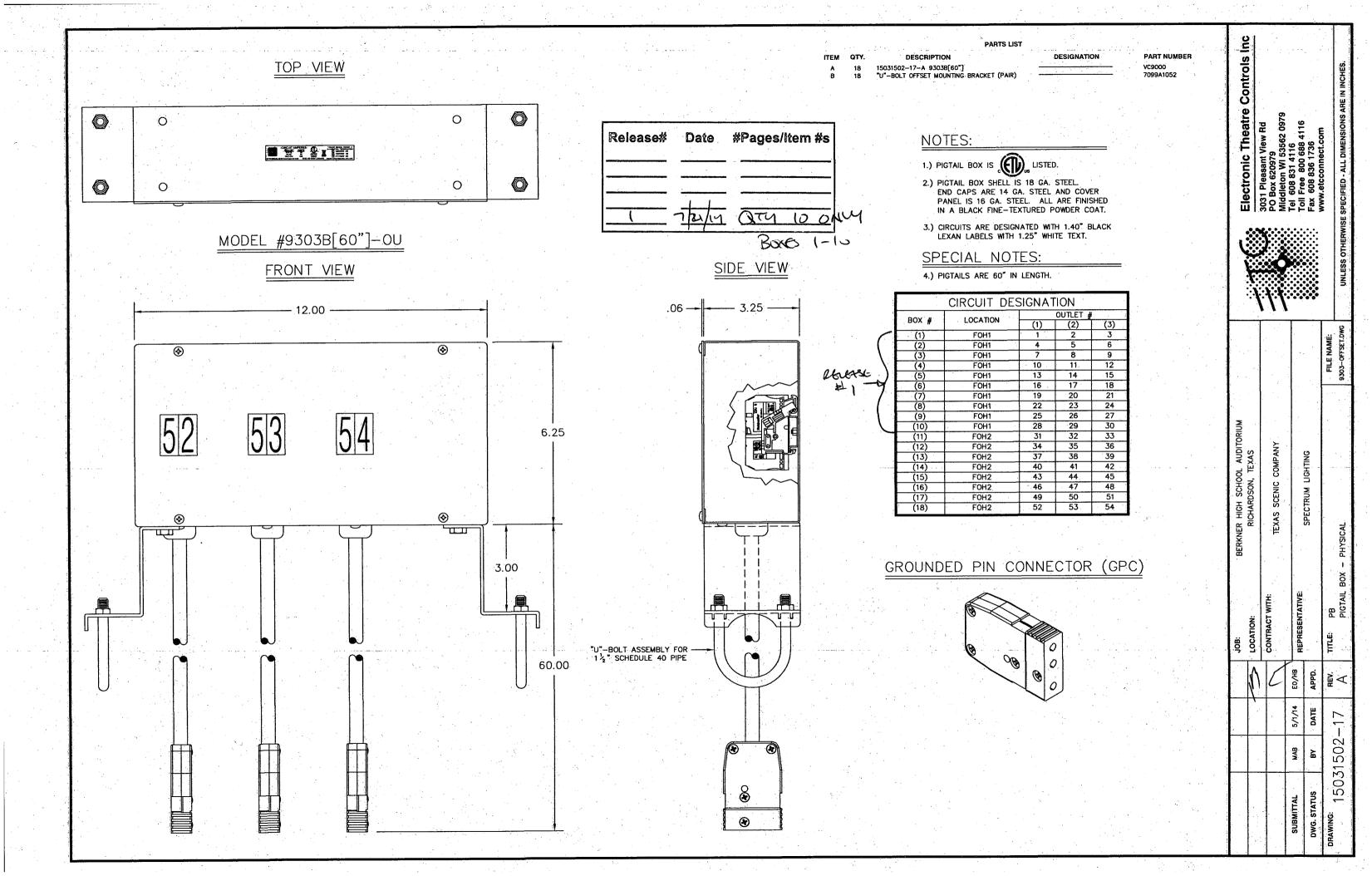
REAR VIEW (BACK BOX REMOVED)

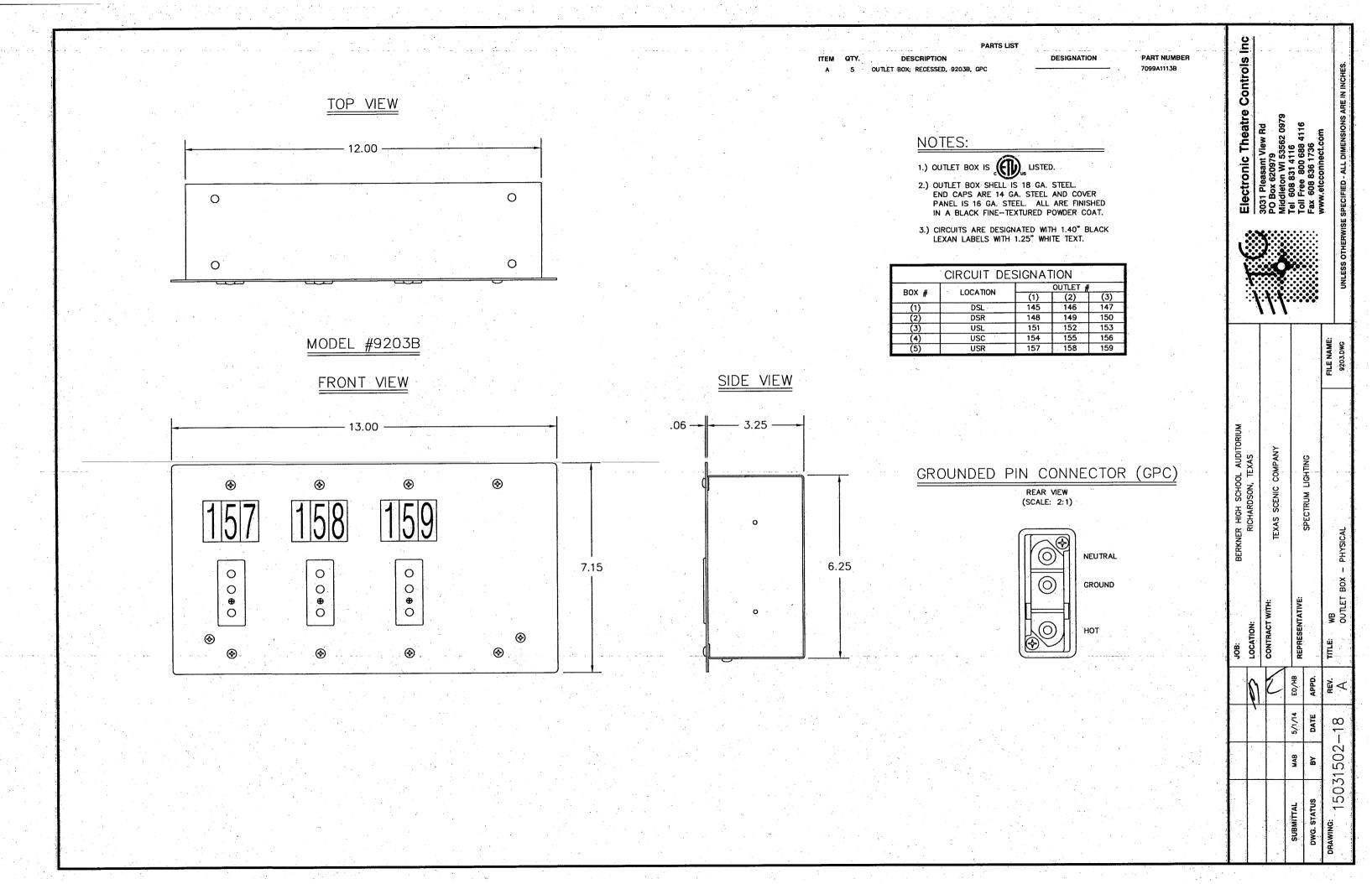


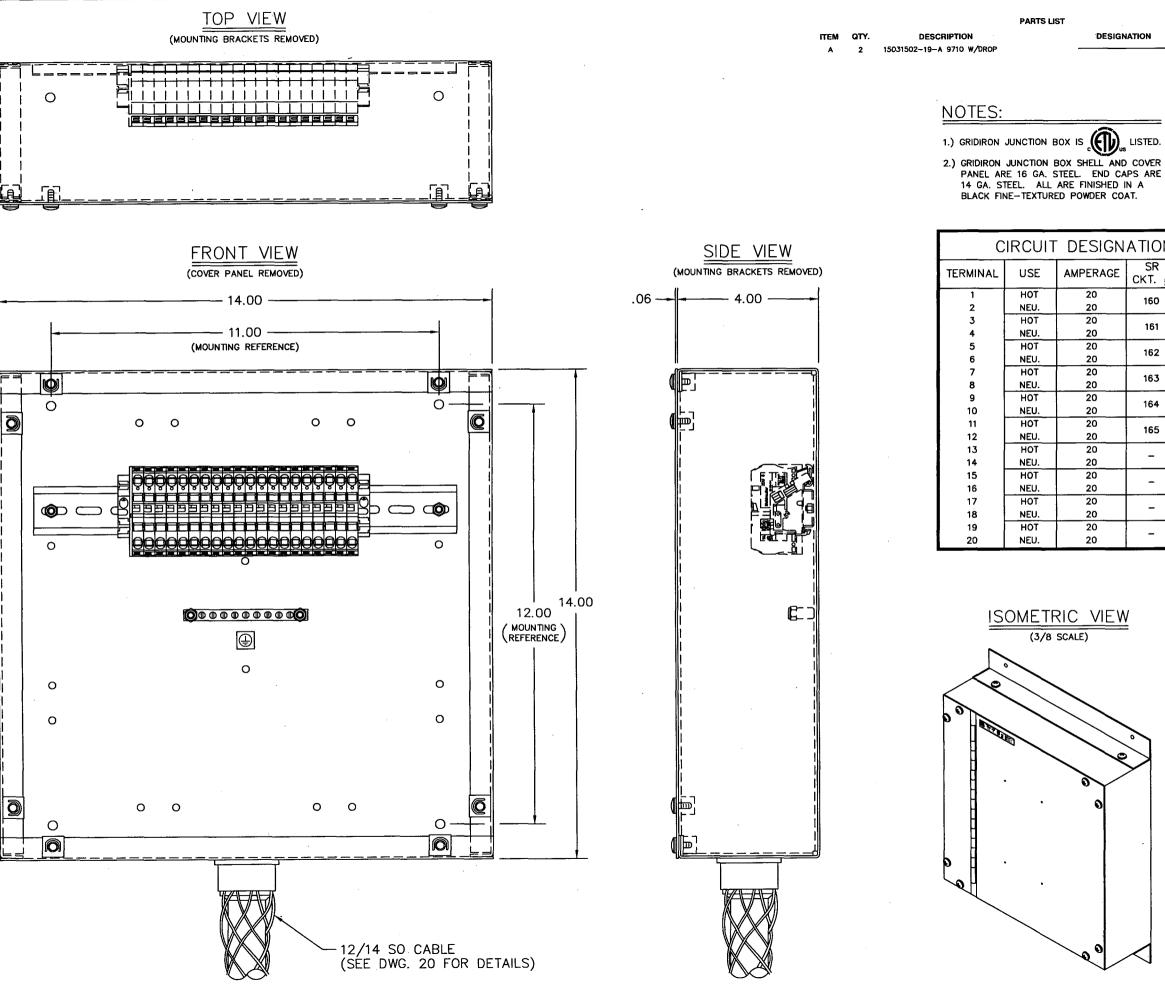
		:-	1	•	::: \				
A company of the comp		•						FILE NAME:	ELTS-KS.DWG
	BERKNER HIGH SCHOOL AUDITORIUM	RICHARDSON, TEXAS		TEXAS SCENIC COMPANY			SPECTRUM LIGHTING	PHYSICAL &	EMERGENCY KEYSWITCH STATION ELECTRICAL
	JOB:	LOCATION:	CONTRACT WITH:			REPRESENTATIVE:		TITLE: FITS REMOTE	EMERGENCY KEY
		M	1		EO/HB		APPD.	REV.	⋖
					5/1/14		DATE	,	<u> </u>
			, ,		MAB		┢	T (51502-14
i	_	+	+		_	-		1	2







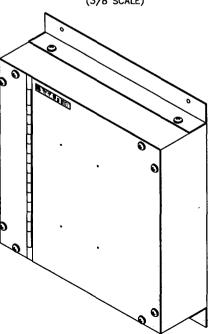




PART NUMBER

TL31502-DIST2

C	IRCUIT	DESIGN	ATION	i
TERMINAL	USE	AMPERAGE	SR CKT. #	SL CKT. #
1	нот	20	160	166
2	NEU.	20	100	100
3	нот	20	161	167
4	NEU.	20	101	107
5	HOT	20	162	168
6	NEU.	20	102	100
7	нот	20	163	169
8	NEU.	20	163	. 109
9	нот	20	164	170
10	NEU.	20	104	170
11	нот	20	165	171
12	NEU.	20	165	1/1
13	нот	20		_ ``
14	NEU.	20		
15	нот	20	_	
16	NEU.	20		_
17	HOT	20	_	_
18	NEU.	20		
19	нот	20		
20	NEU.	20	_	_



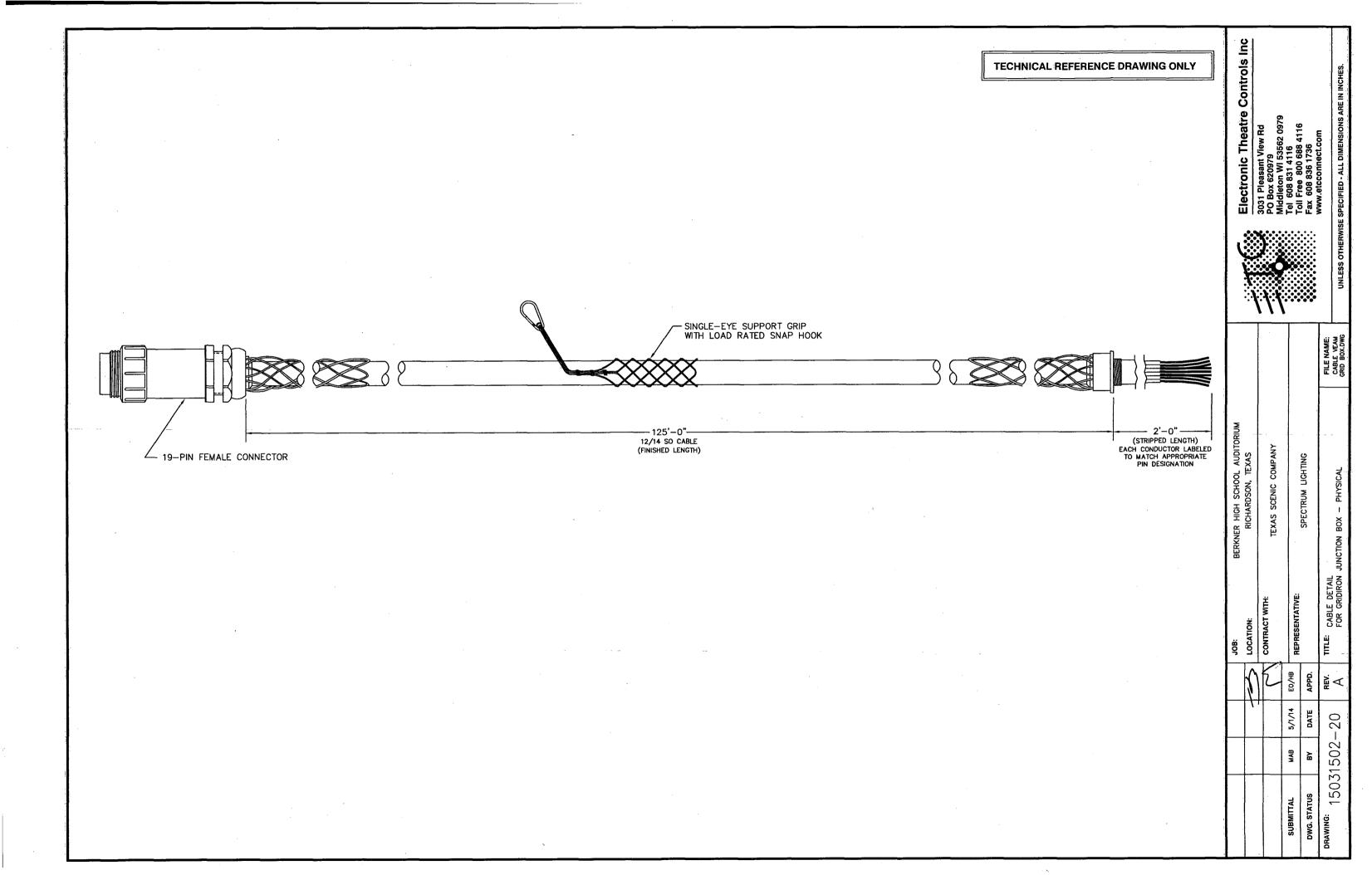
Middleton WI 53562 0979	PO Box 620979	Electronic Ineatre Control
PO Box 620979		

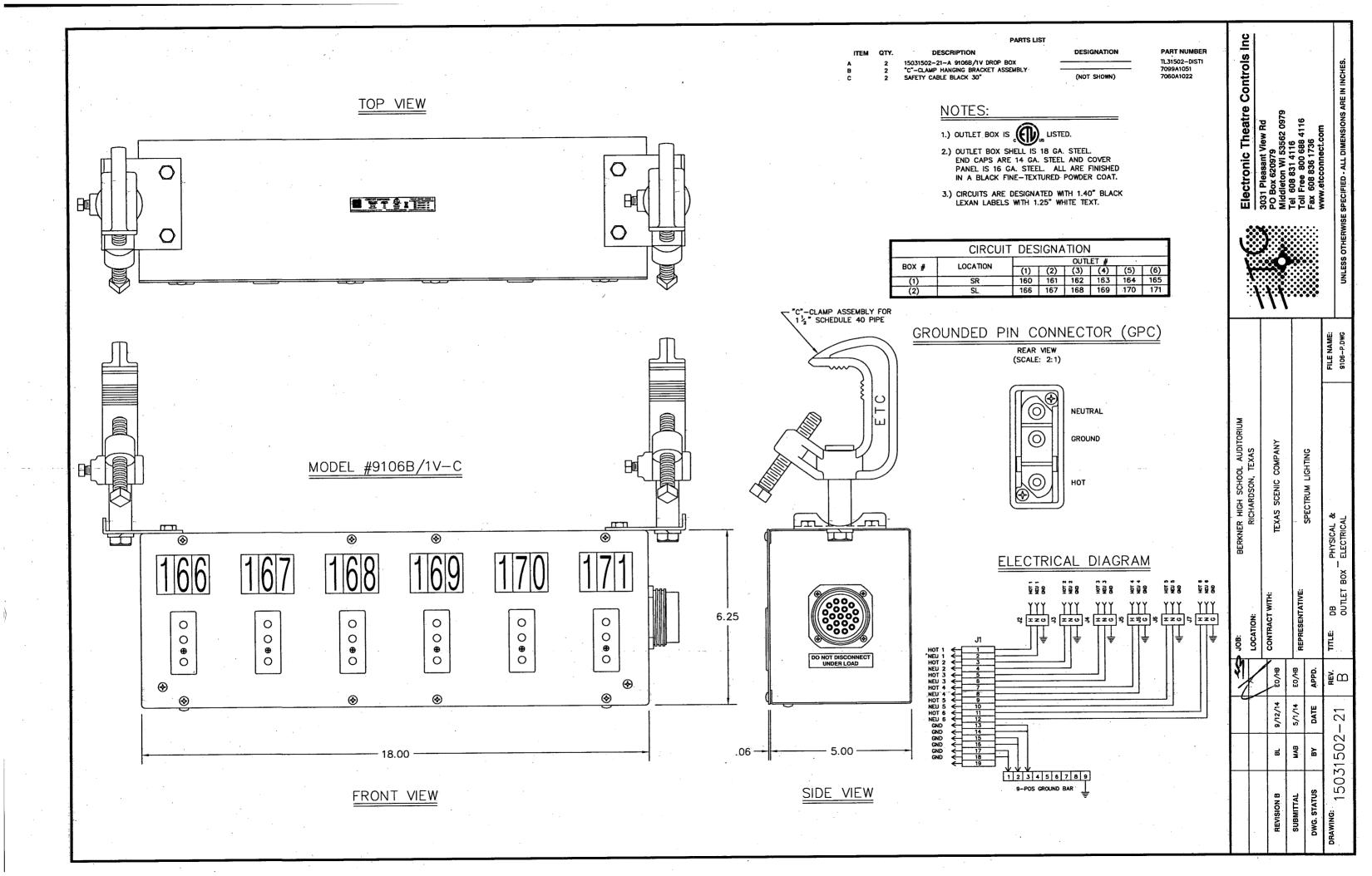


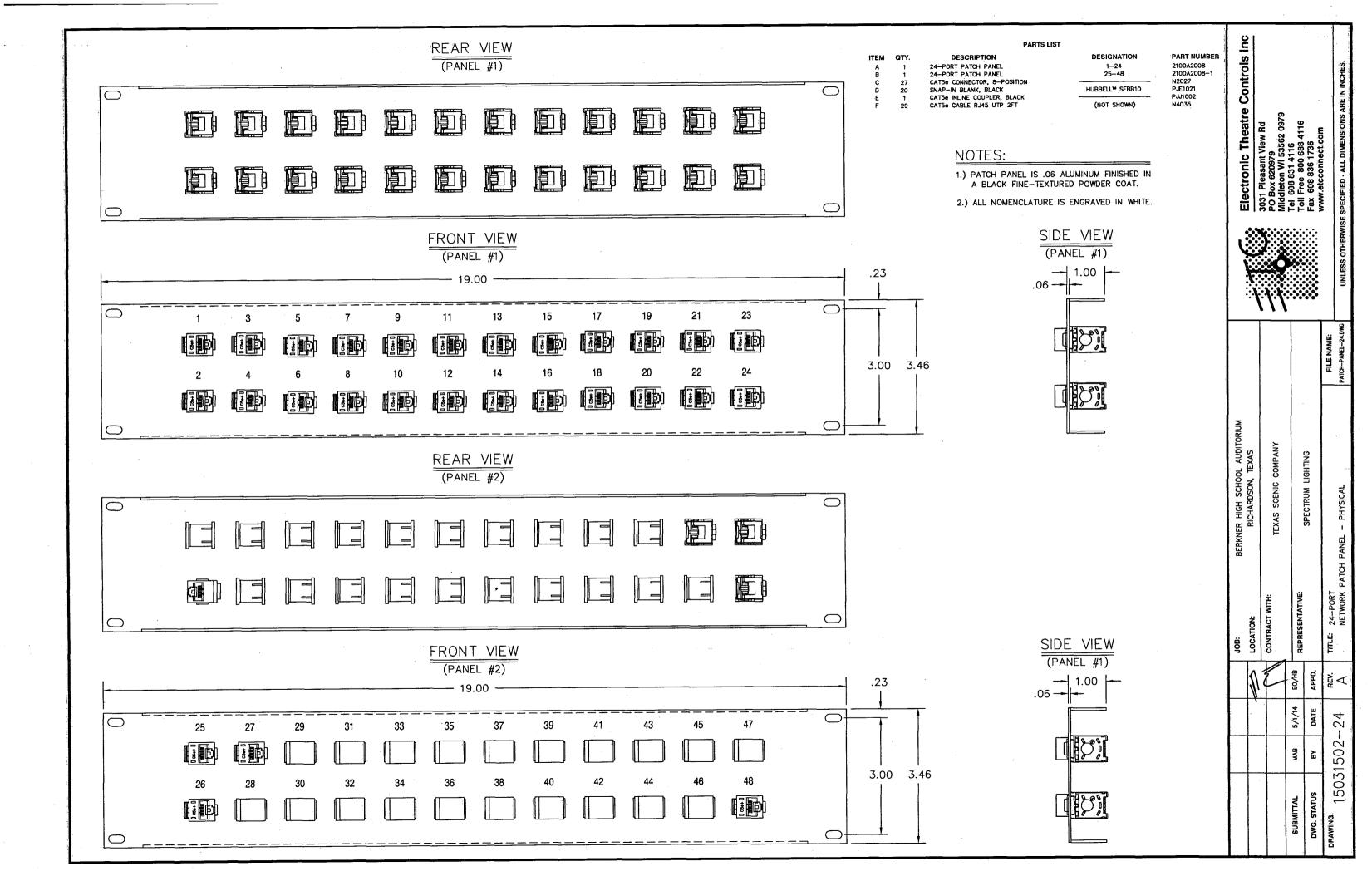
11	\	••••••••••••••••••••••••••••••••••••••		
			FILE NAME:	9710.DWG
TEXAS SCENIC COMPANY		SPECTRUM LIGHTING		GRIDIRON JUNCTION BOX - PHYSICAL
CONTRACT WITH:	REPRESENTATIVE		TITLE: 9710	GRIDIRON
2	E0/HB	APPD.	REV. T	⋖ .

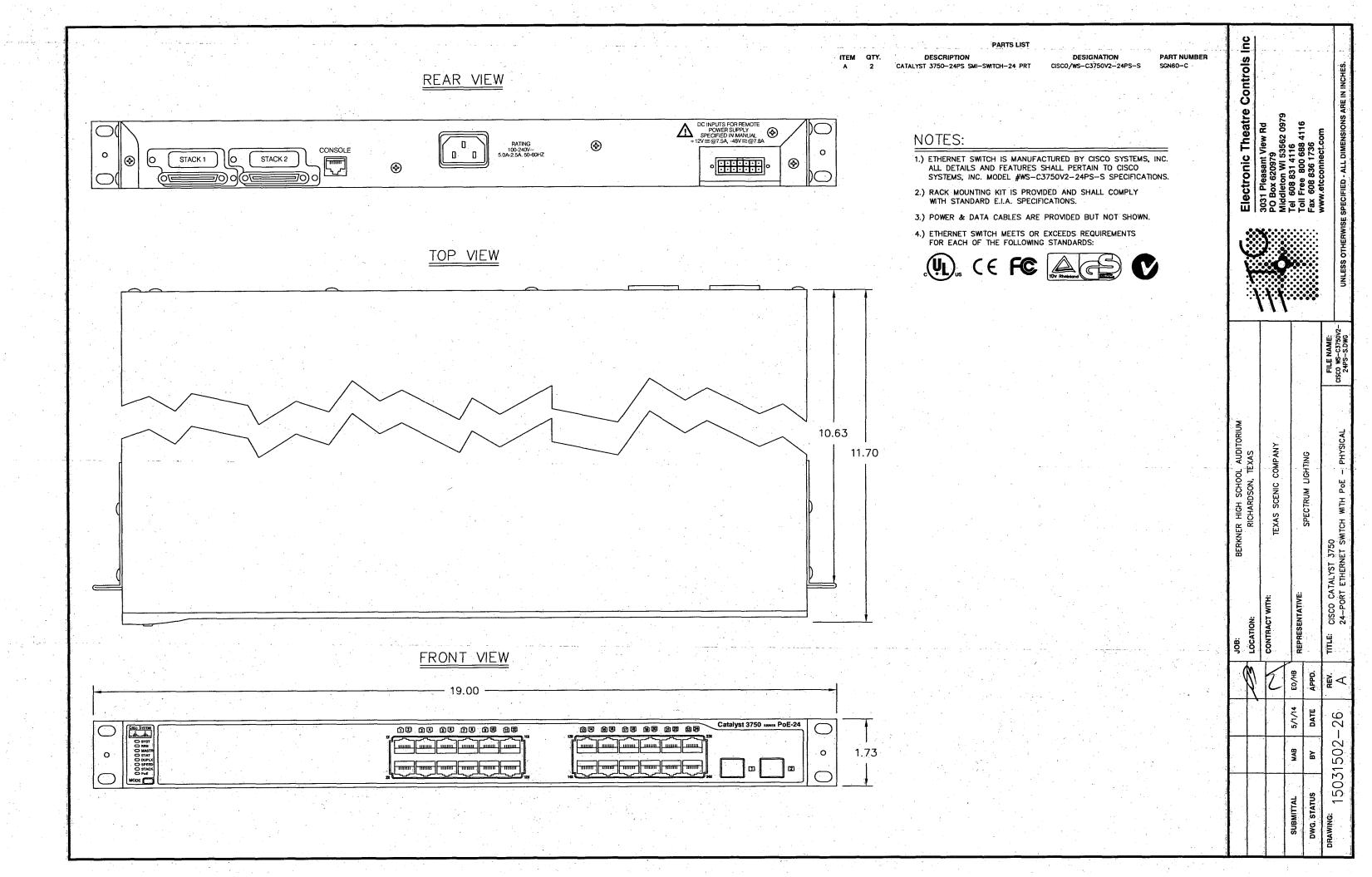
DATE

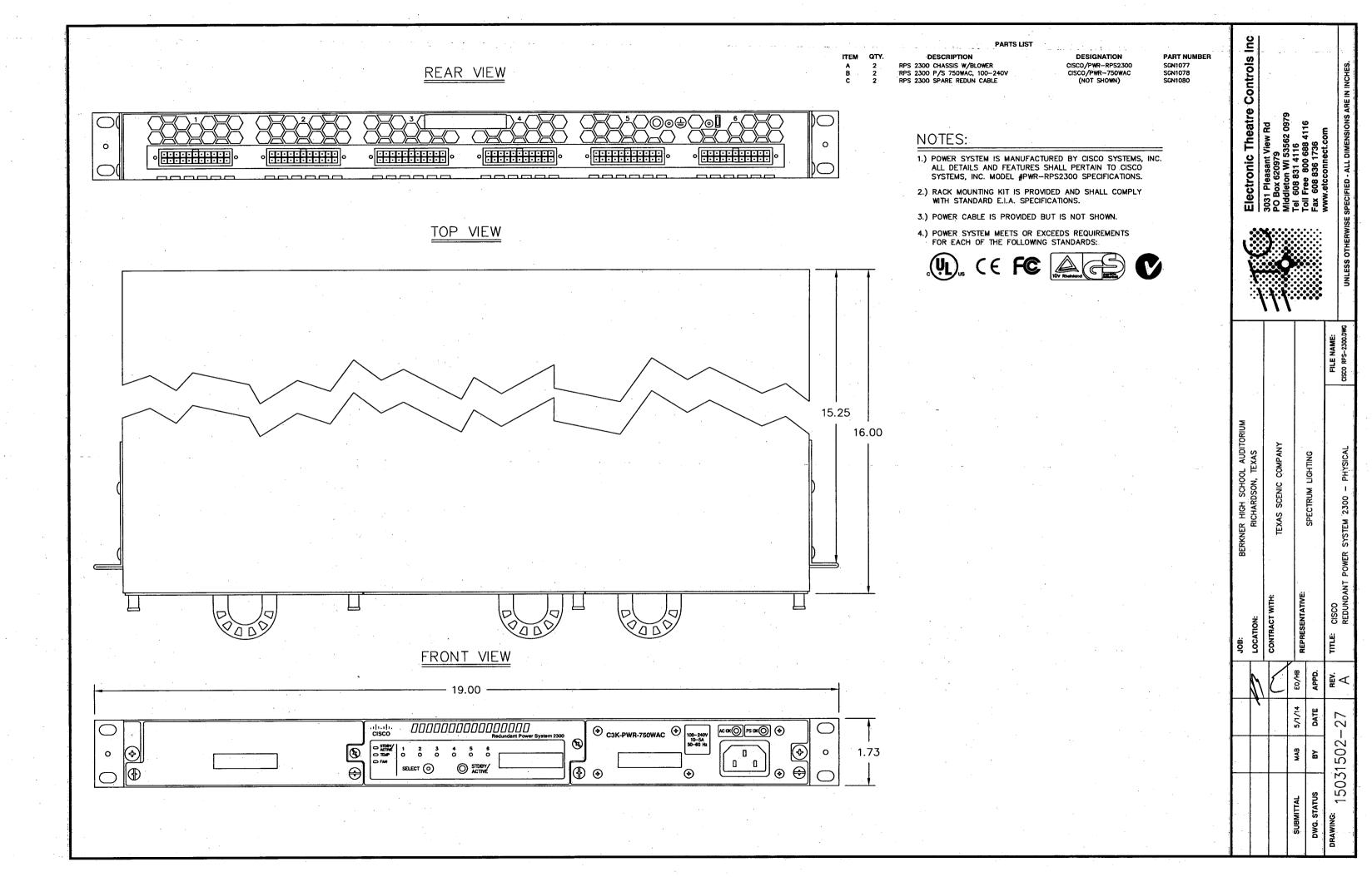
15031502-

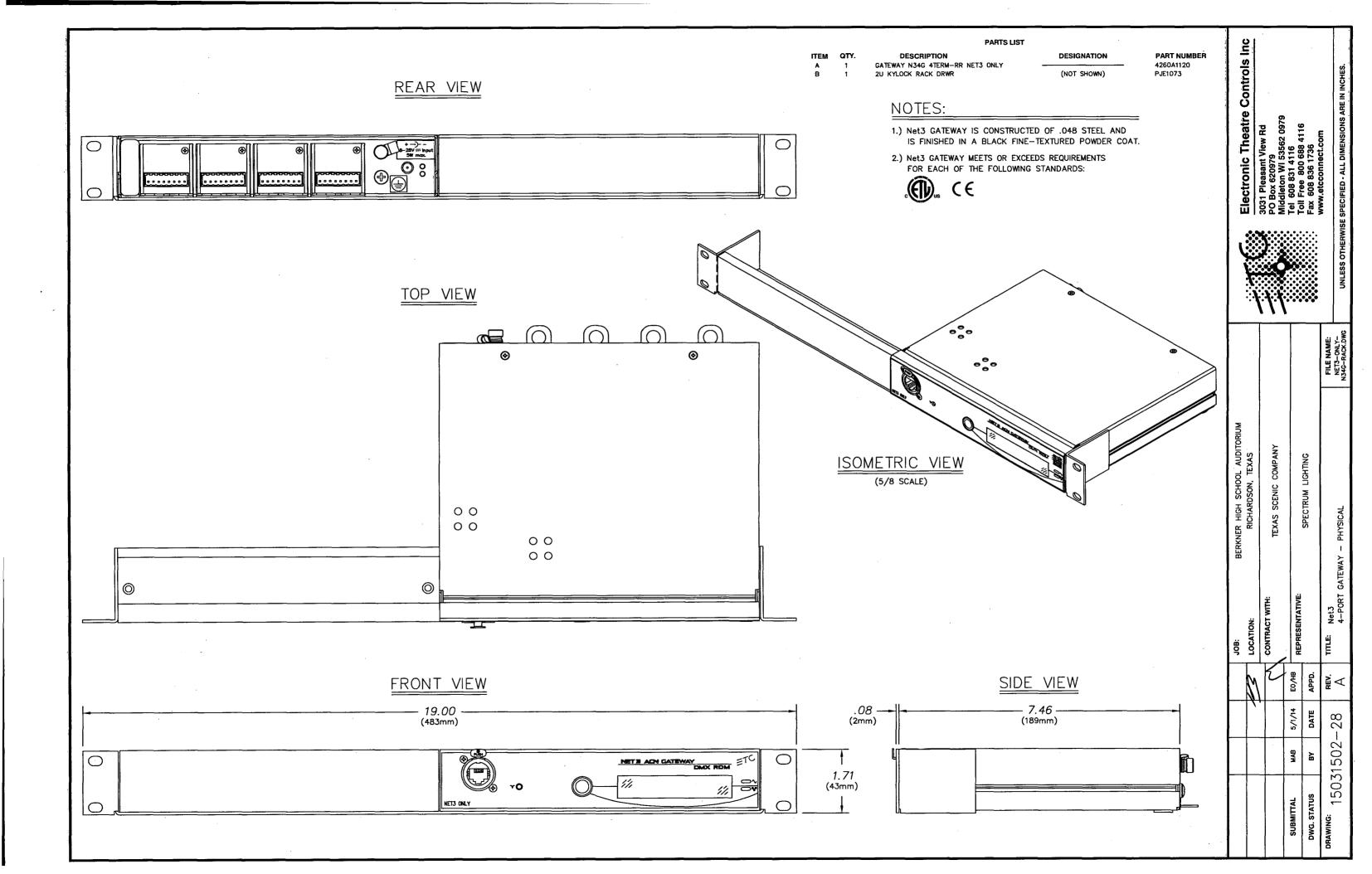


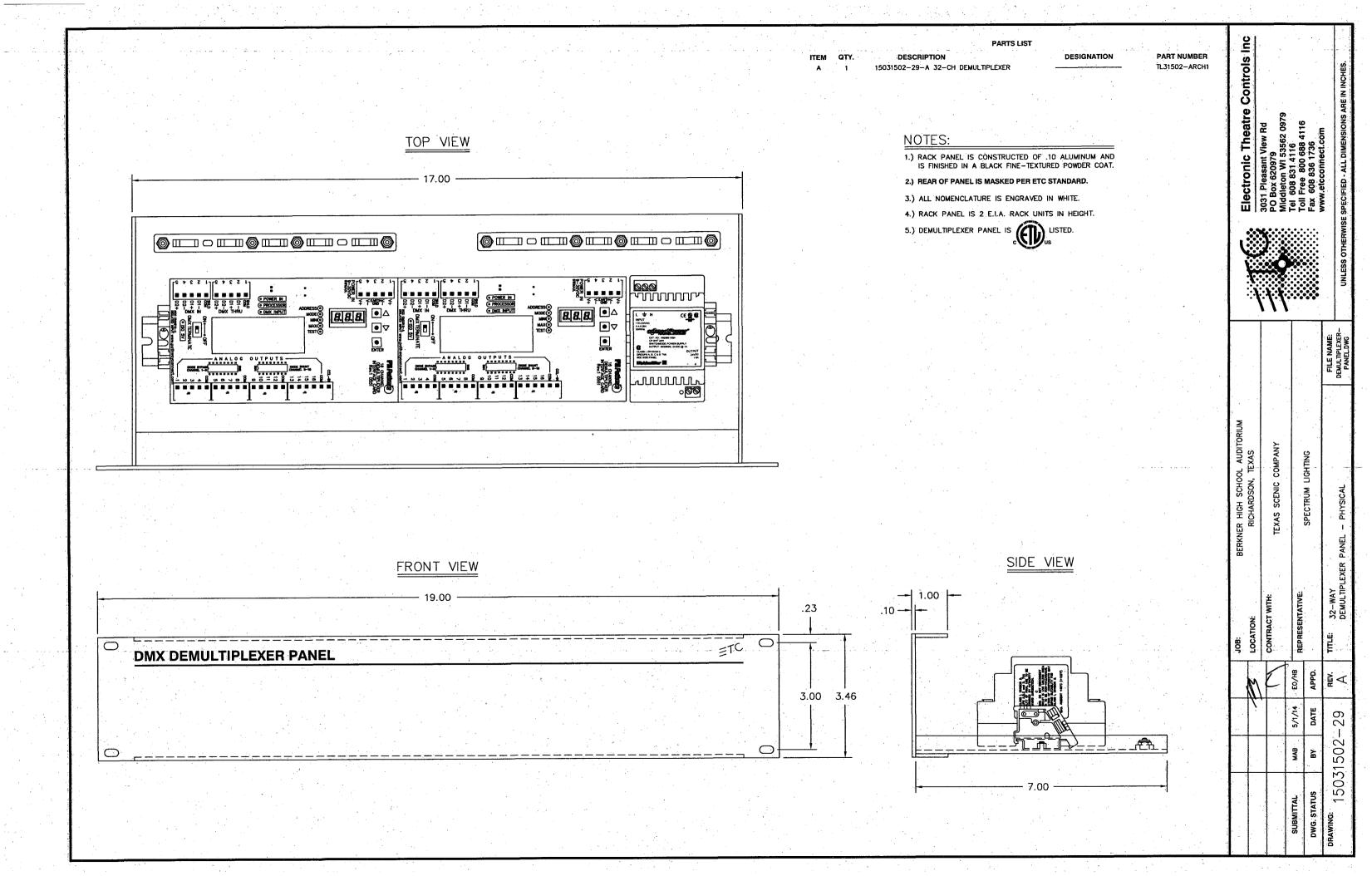


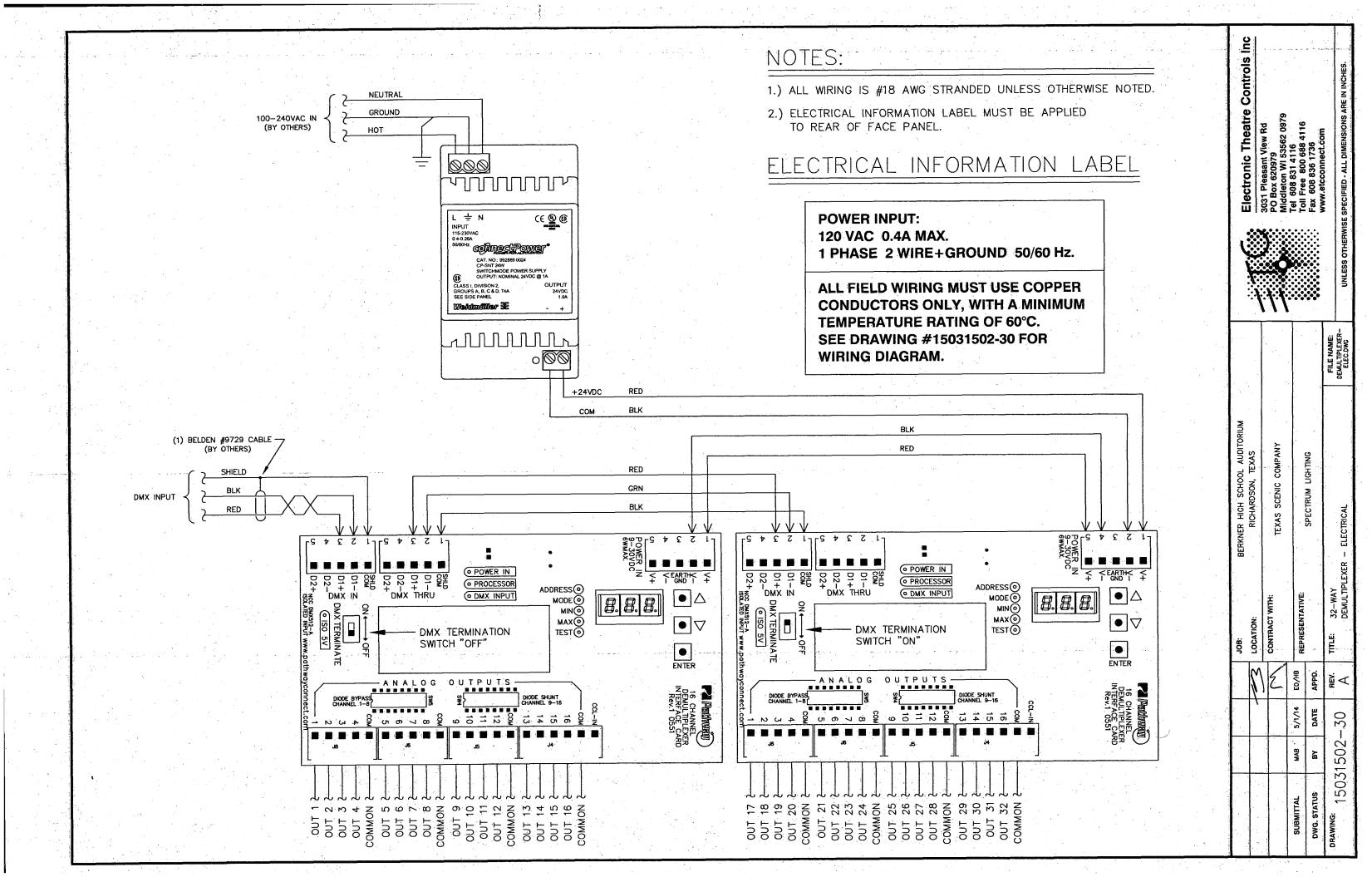




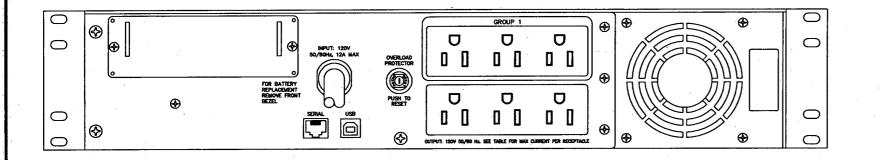












PARTS LIST

ITEM QTY.

DESCRIPTION APC 1500VA UNINTERRUPTIBLE POWER SUPPLY APC SPARE BATTERY SET DESIGNATION

SIDE VIEW

- 17.25

000000 000000 000000 000000 000000

000 000 000

�

(438mm)

0 0

®

(NOT SHOWN)

PART NUMBER

SGPS07 SGPS1008

Electronic Theatre Controls Inc

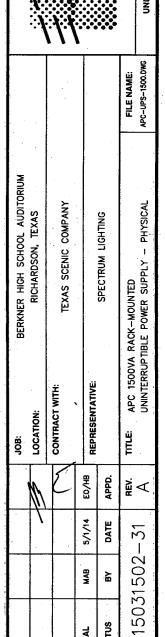
NOTES:

- 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:

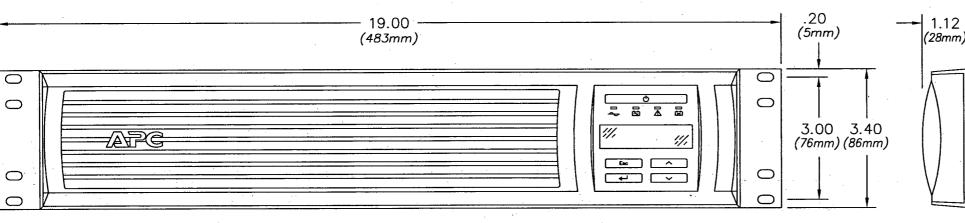








FRONT VIEW

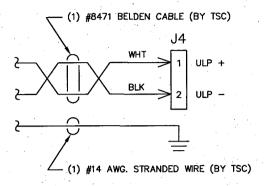


ITEM QTY.

DESCRIPTION FACE PANEL ASSEMBLY; UNISON UH10010 ELECTRONICS ASSEMBLY; UNISON UH10010 DESIGNATION

PART NUMBER 7181A2205-1A 7181B2008

ELECTRICAL DIAGRAM



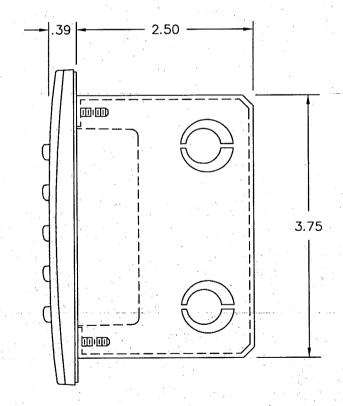
FRONT VIEW

- 2.80 -

Preset 9

4.50

SIDE VIEW



NOTES:

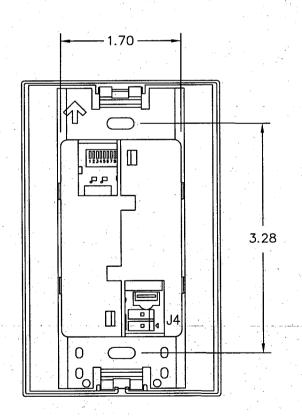
- 1.) FACE PANEL IS A CREAM ABS INJECTION-MOLDED PLASTIC.
- 2.) ALL NOMENCLATURE IS LASER MARKED WITH A CONTRASTING COLOR.
- 3.) BACK BOX SHALL BE SINGLE GANG 2.50" DEEP RACO #690 (OR EQUIVALENT) AND IS SUPPLIED BY OTHERS.
- 4.) STATION MEETS OR EXCEEDS REQUIREMENTS FOR THE FOLLOWING MARKINGS:
- 5.)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

 REAR HR

 REAR HL

REAR VIEW

(BACK BOX REMOVED)



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
Š						•

Electronic Theatre



	_		LOCATION:	RICHARDSON, IEAAS	•
					\
		2	CONTRACT WITH: TEXAS S	TEXAS SCENIC COMPANY	11
				the state of the s	١
SUBMITTAL	5/1/14 E0/HB	ЕО/НВ	REPRESENTATIVE:		
DWG. STATUS BY	DATE	APPD.		SPECTRUM LIGHTING	
RAWING:	1	REV.	TITLE: HI PHYSICAL &	FILE NAME:	
15031502-32	52	Υ	PRESET STATION ELECTRICAL	UH10010 DWG	D

PARTS LIST

ITEM QTY. DESCRIPTION FACE PANEL ASSEMBLY; UNISON UH10010 ELECTRONICS ASSEMBLY; UNISON UH10010

DESIGNATION

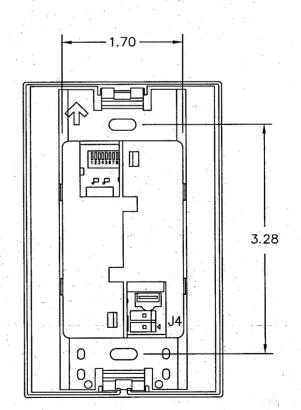
PART NUMBER 7181A2205-4A 7181B2008

NOTES:

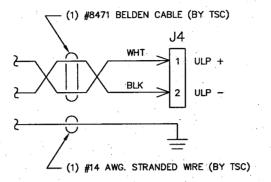
- 3.) BACK BOX SHALL BE SINGLE GANG 2.50" DEEP RACO #690 (OR EQUIVALENT) AND IS SUPPLIED BY OTHERS.
- 5.) STATION LOCATION IS SR.

REAR VIEW

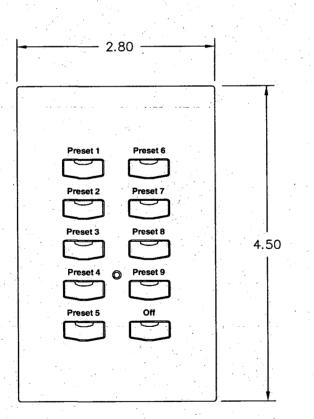
(BACK BOX REMOVED)



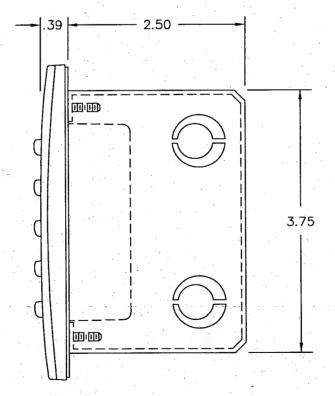
ELECTRICAL DIAGRAM



FRONT VIEW



SIDE VIEW



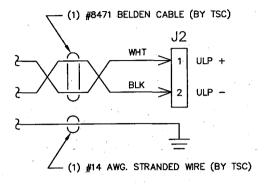
- 1.) FACE PANEL IS A BLACK ABS INJECTION-MOLDED PLASTIC.
- 2.) ALL NOMENCLATURE IS LASER MARKED WITH A CONTRASTING COLOR.
- 4.) STATION MEETS OR EXCEEDS REQUIREMENTS FOR THE FOLLOWING MARKINGS: (((jr)"

7 : :		
		• •
•••(
1.1	***	

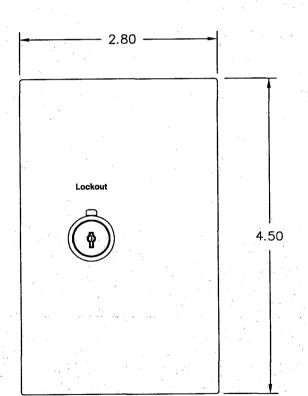
Controls Inc

				DENNIER FISH SCHOOL ACTION	E
		Τ.	M	LOCATION: RICHARDSON, TEXAS	
			2	CONTRACT WITH: TEXAS SCENIC COMPANY	
ITTAL	MAB 5/1/14	5/1/14	E0/HB	REPRESENTATIVE:	
TATUS	АВ	DATE APPD.	APPD.	SPECTRUM LIGHTING	
7 7 7	() ()	1.1	REV.	TITLE: HI (RI ACK) PHYSICAL &	FILE NAME:
150 203	50-705 505	_ 	⋖	PRESET STATION ELECTRICAL	UH10010.DWG
a for news, relationed as	the second of the second	The same of the same		the same many of the same of t	The state of the s

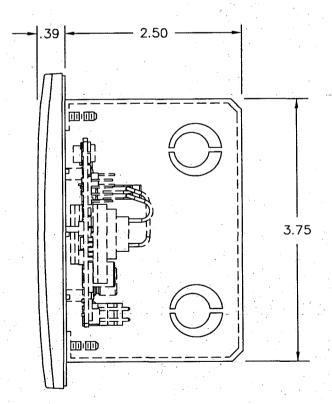
ELECTRICAL DIAGRAM



FRONT VIEW



SIDE VIEW



PARTS LIST

M	QTY.	DESCRIPTION	1 .	
	3	FACE PANEL ASSEMBLY; U	NISON	UH11K00/UH
	3	FLECTRONICS ASSEMBLY: 1	UNISON	UH12K00

DESIGNATION (MOMENTARY)

PART NUMBER 7181A2210-1A 7181B2027

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;

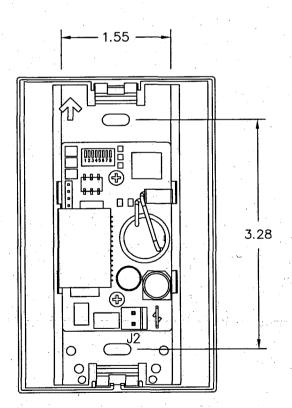
 FRONT HR

 FRONT HC

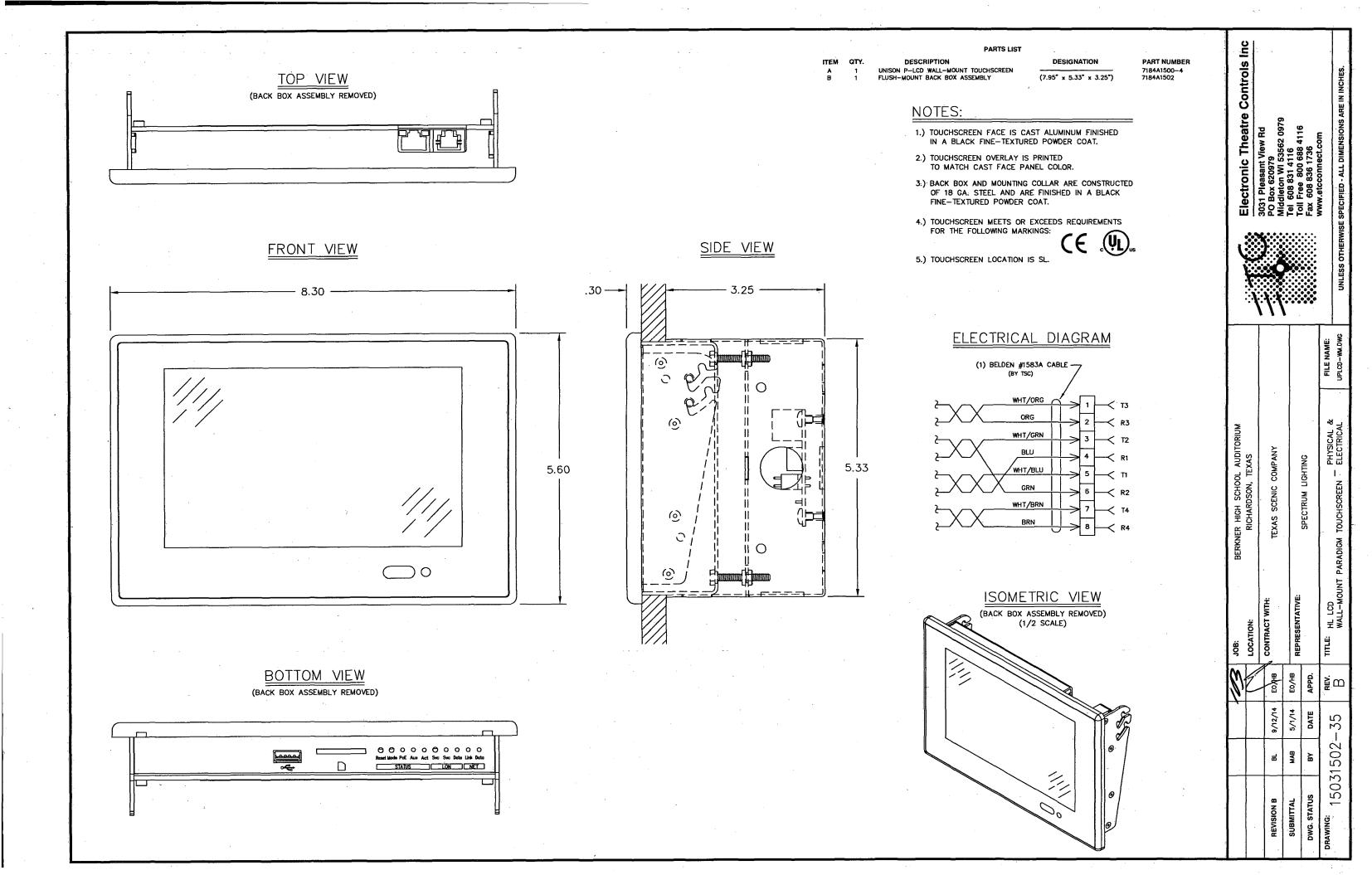
 FRONT HL

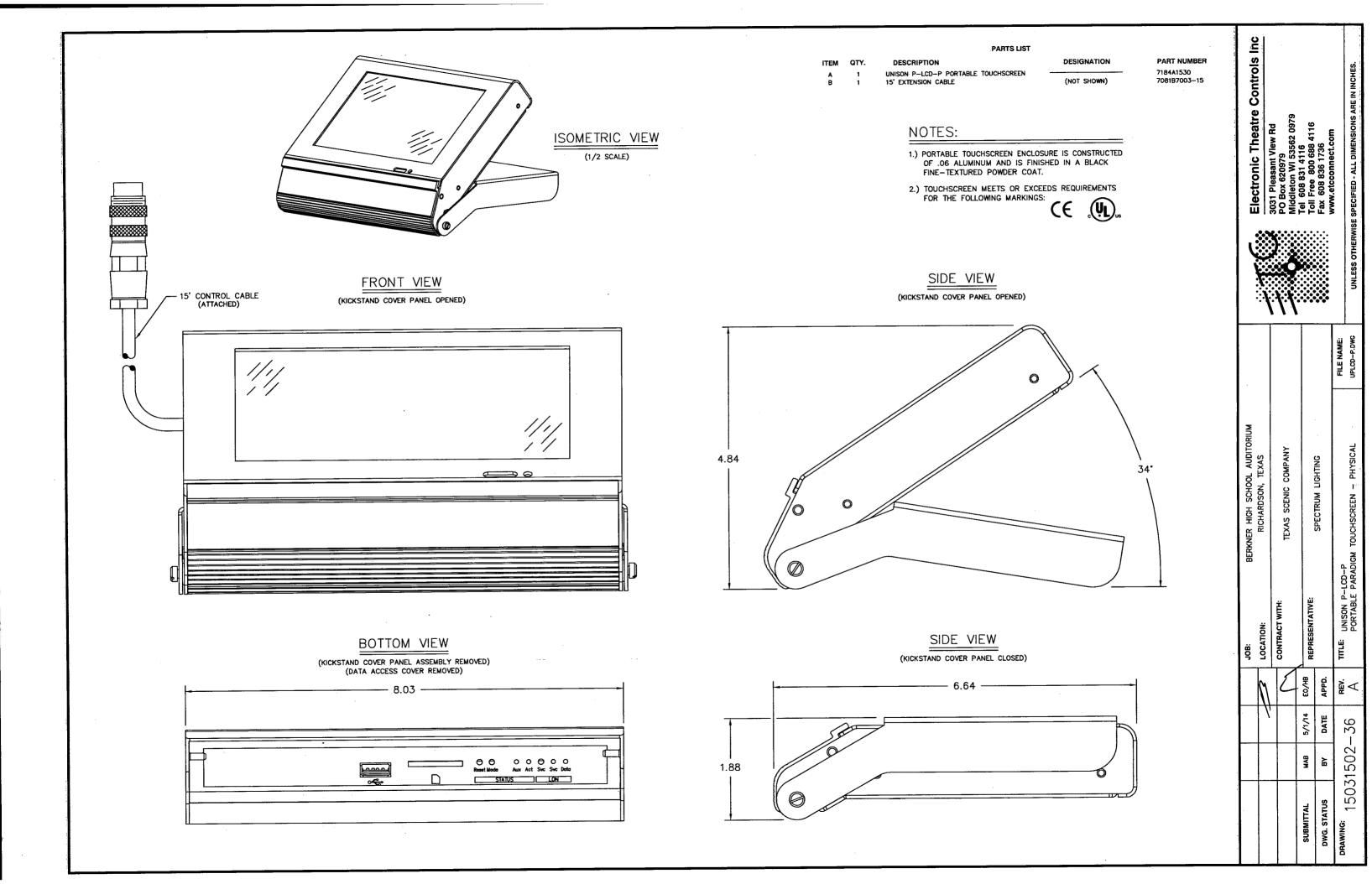
REAR VIEW

(BACK BOX REMOVED)



EXAS	>N ¢ GYN			TING	FILE NAME:	UH12K00.DWG
KICHARUSUN, IEXAS	TEVAS SCENIC COMBANY	ביאים פרניוני		SPECTRUM LIGHTING	PHYSICAL &	KEYSWITCH STATION _ ELECTRICAL
LOCATION:	CONTRACT WITH:		REPRESENTATIVE:		TITLE: HL	KEYSWITCH ST
1	2		Ео∕нв	APPD.	REV.	Α
			5/1/14 E0/HB	DATE	1,	- 54 -
			МАВ	BY	L .	5051502-54
			_	ડ		500





ITÈM QTY.

DESCRIPTION 15031502-37+-A ETCNet STATION DESIGNATION

PART NUMBER TL31502-ARCH2

NOTES:

- 1.) FACE PANEL IS .08 ALUMINUM FINISHED IN A BLACK FINE-TEXTURED POWDER COAT.
- 2.) ALL NOMENCLATURE IS ENGRAVED IN WHITE.
- 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.) STATION LOCATIONS ARE AS FOLLOWS:
-) STATION LOCATIONS

 DSL

 DSR

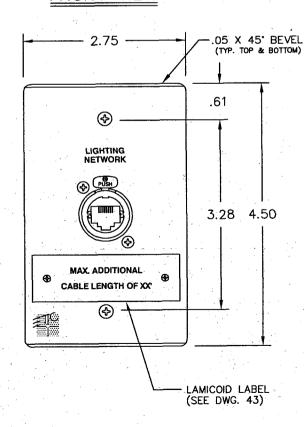
 USL

 USR

 ORCH PIT

 (2) FOLLOWSPOT

FRONT VIEW



SIDE VIEW

ELECTRICAL DIAGRAM

(1) BELDEN #1583A CABLE -(BY TSC)

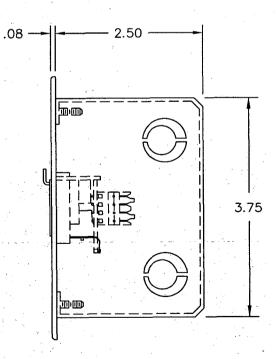
WHT/ORG

ORG WHT/GRN

BLU

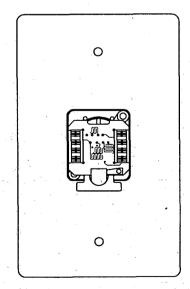
WHT/BLU GRN

WHT/BRN

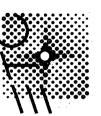


REAR VIEW

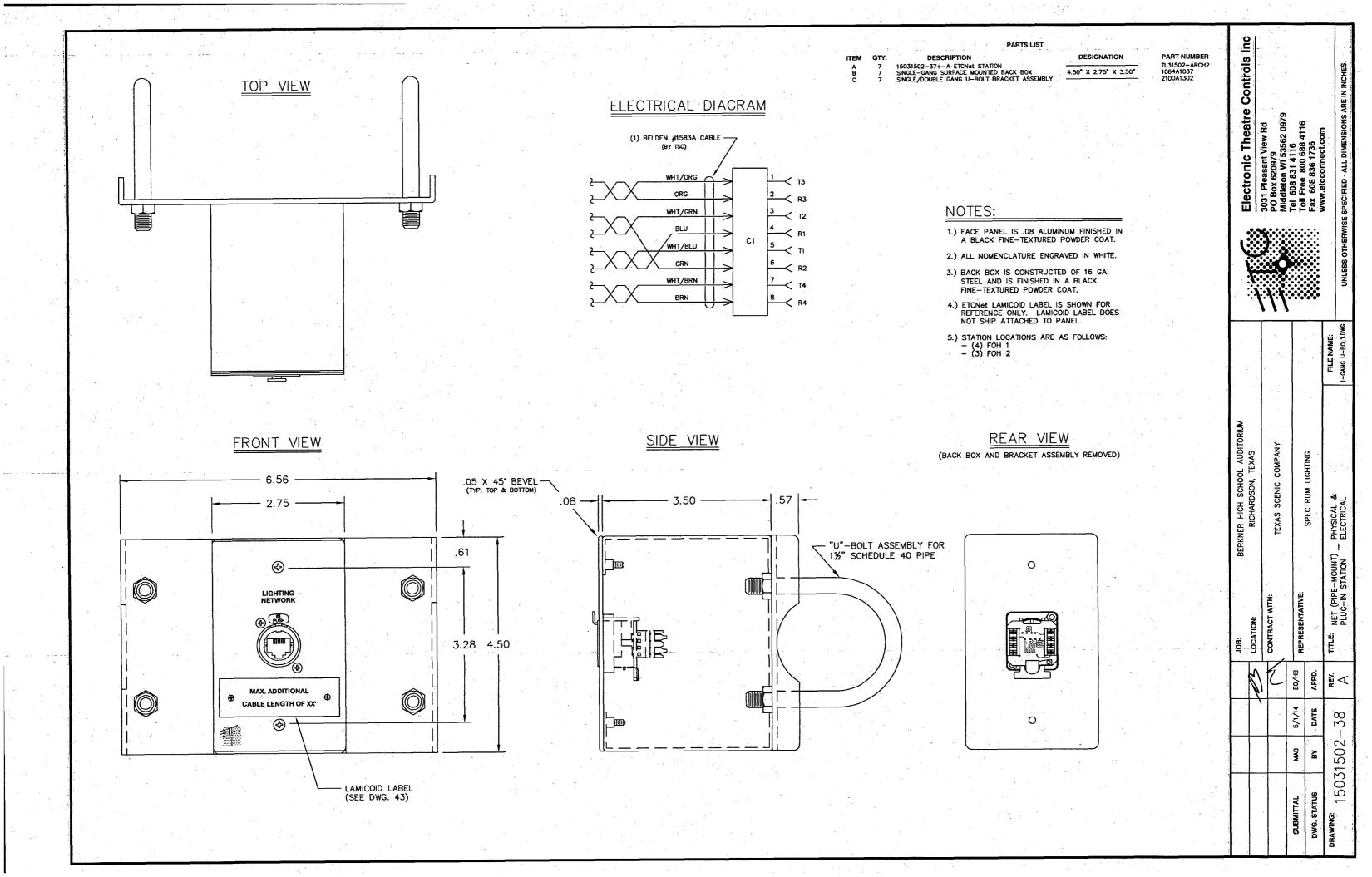
(BACK BOX AND WIRE CONNECTORS REMOVED)

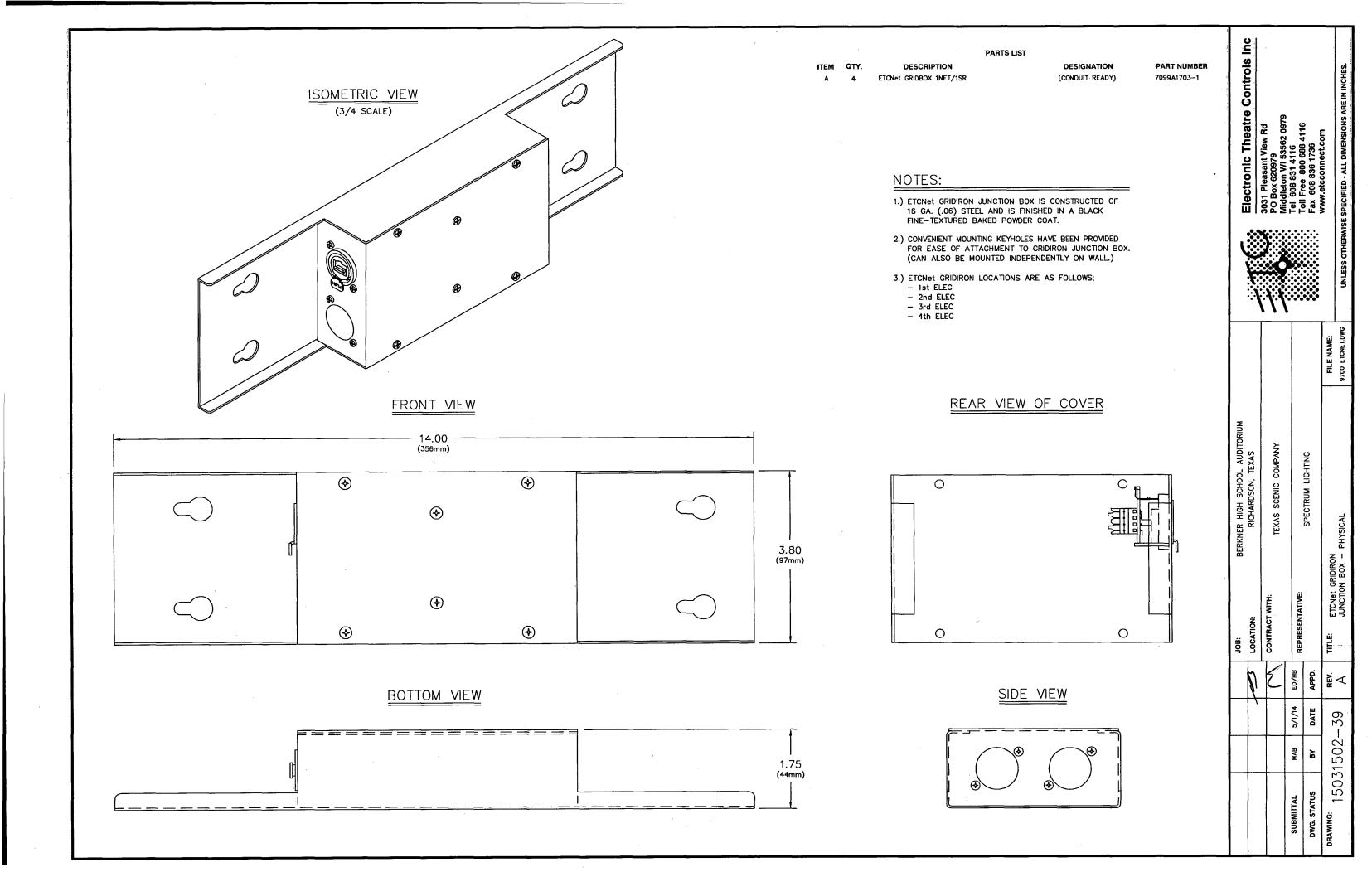


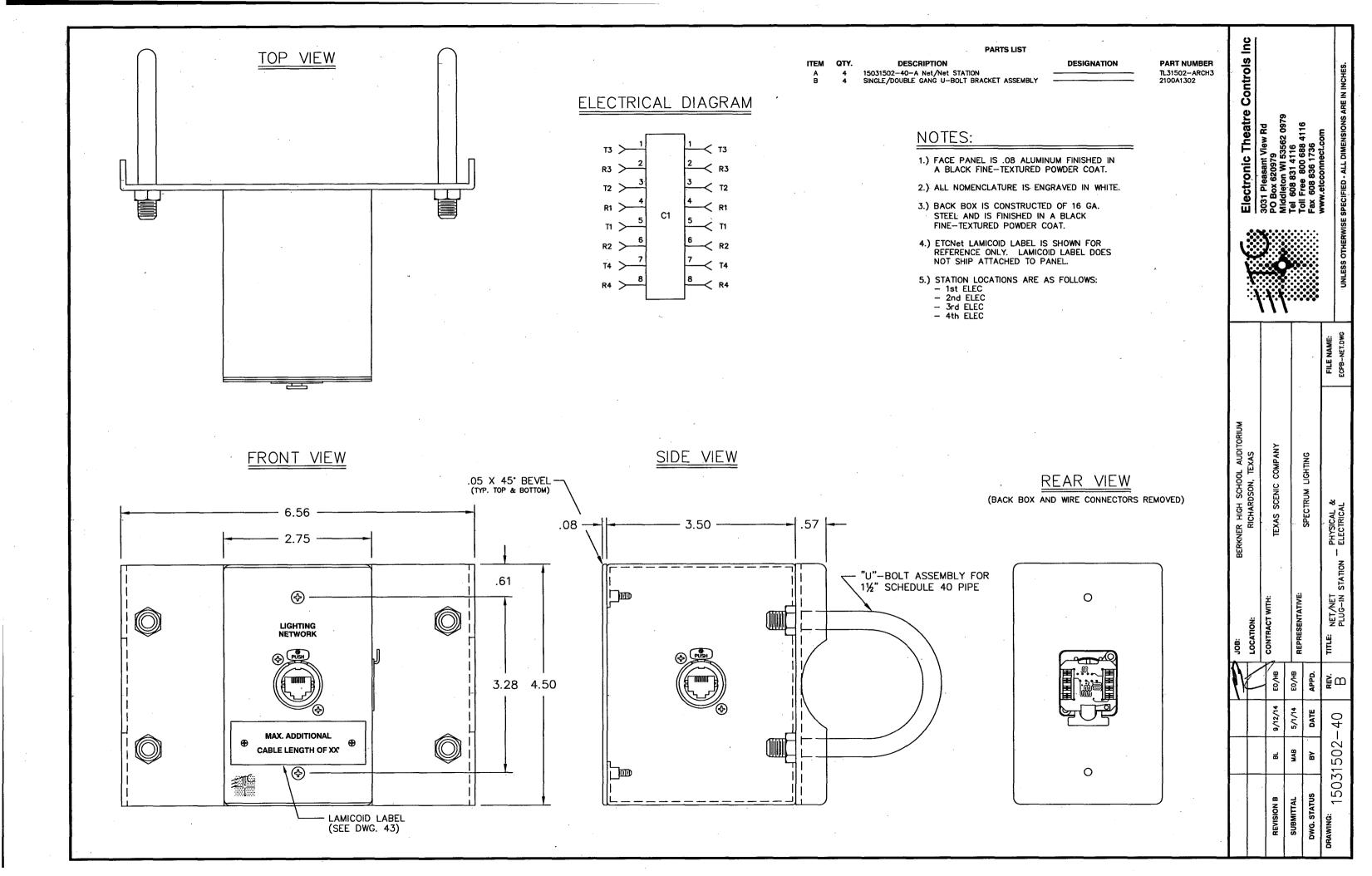
Controls Inc **Electronic Theatre**

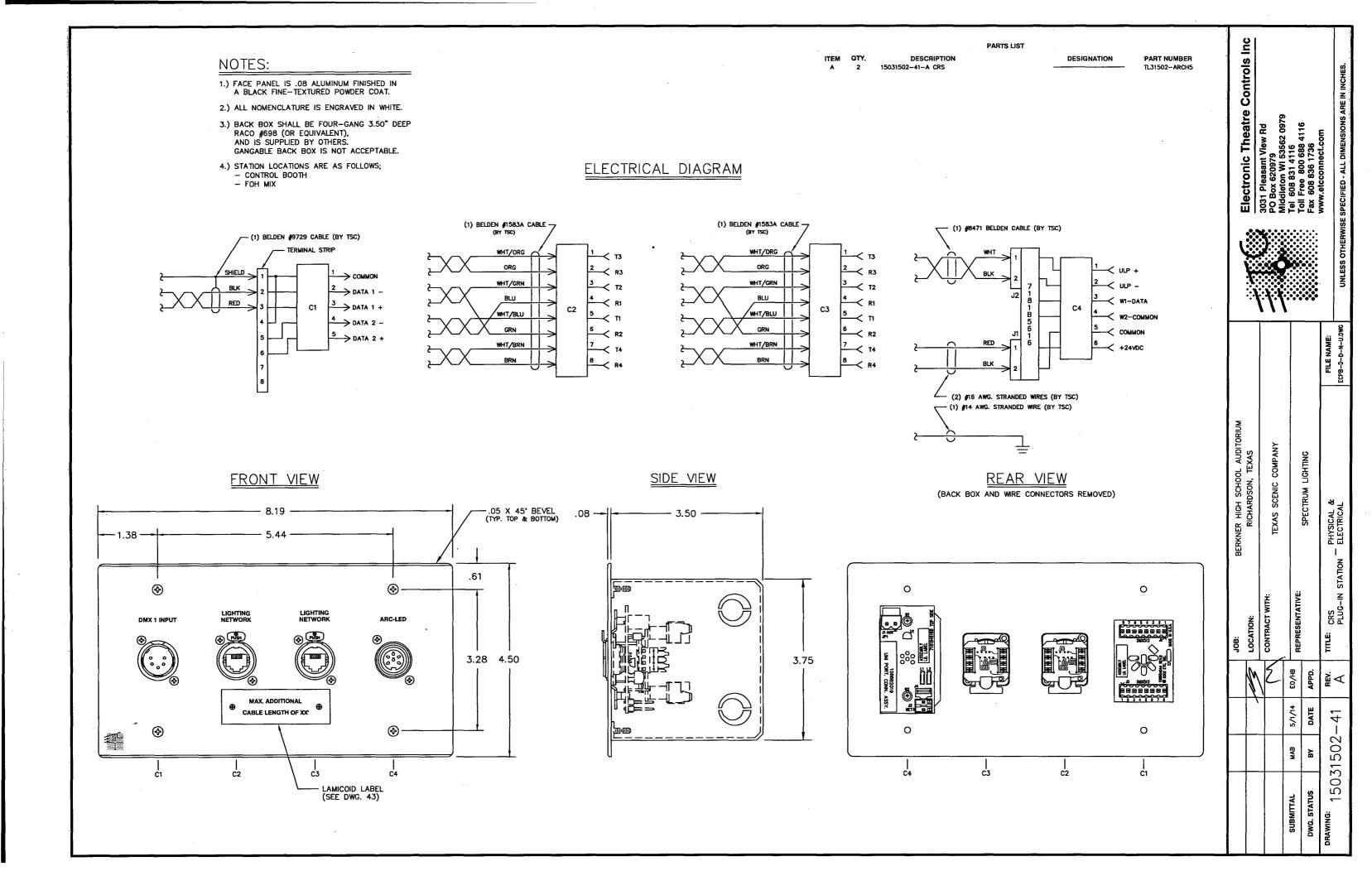


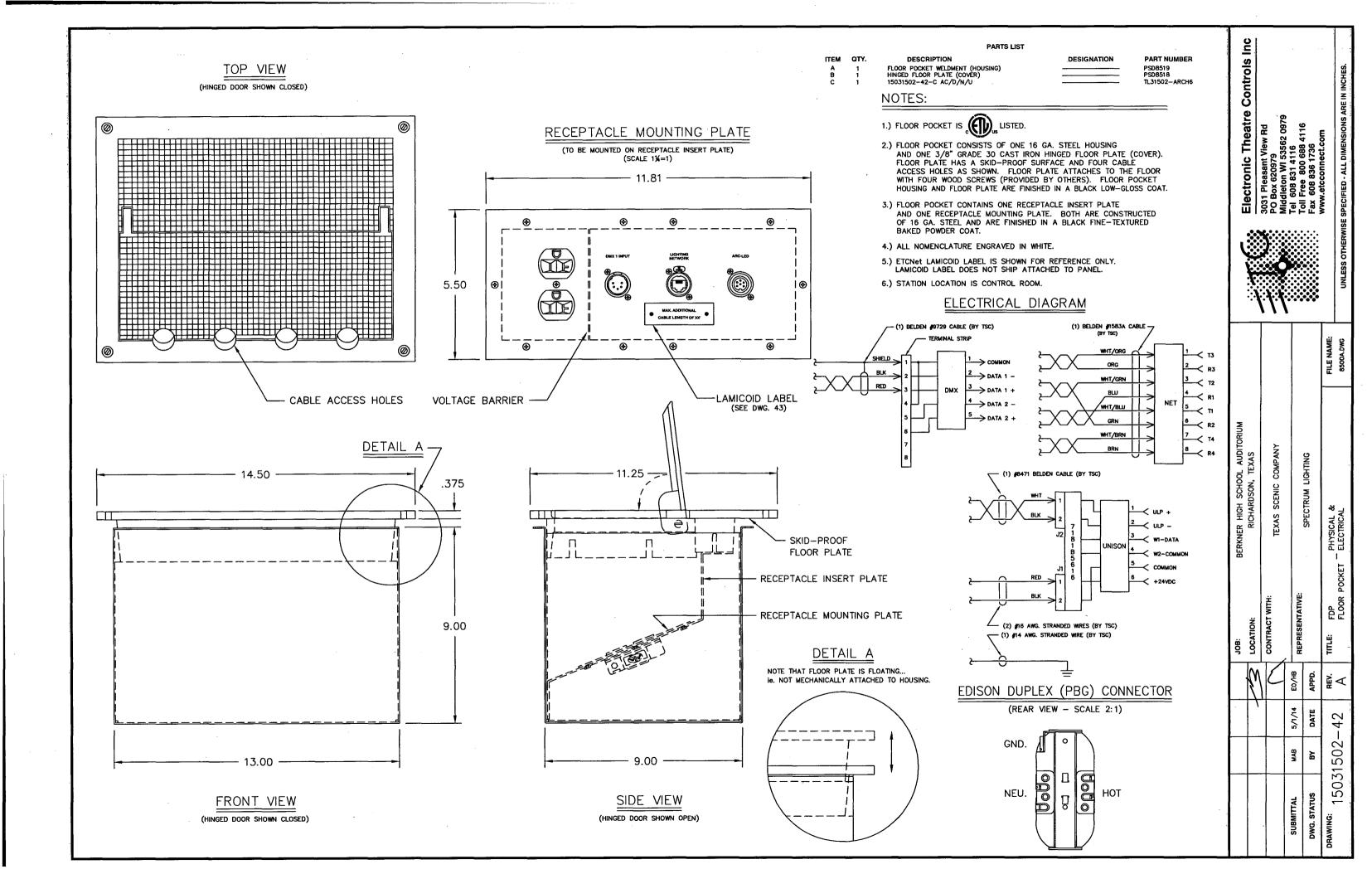
	-			BERKNER HIGH SCHOOL AUDITORIUM	
	\	1	LOCATION:	RICHARDSON, TEXAS	
- 1		\			
		2	CONTRACT WITH:	TEXAS SCENIC COMPANY	
OVA IVILIAN	1470 E /4 /44	an/ou			
	2/1/14	EU/ND	REPRESENTATIVE:		
VG. STATUS BY	DATE	DATE APPD.		SPECTRUM LIGHTING	
VING: 4 F 0 7 4 F 0 C	1	REV.	TITLE: NET	PHYSICAL &	FILE NAME:
15031502-37	75-	≪	PLUG-IN STATION _ ELECTRICAL	I ELECTRICAL	ECPB-NET.DWG











PARTS LIST DESCRIPTION CUSTOM LAMICOID LABEL
SCR #4x3/16 PhPHST TYPE B BO

PART NUMBER DESIGNATION

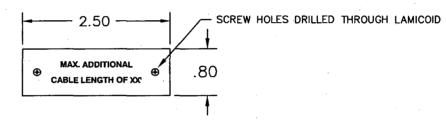
1100A4008 HW1235

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)



	LAMICO	ID LABEL	DESIGNATION CHAR	T
DEVICE I.D.	NET RUN I.D. #	CABLE LENGTH	MAX. ADDITIONAL CABLE LENGTH (XX')	REFERENCE DWG.#
NET	N7			37
NET	N8			37
NET	N9			37
NET	N10			37
NET	N11			37
NET	N12			.37
NET	N13			37
NET	N14	·		38
NET	N15			38
NET	N16			38
NET	N17			38
NET	N18	<u> </u>		38
NET	N19		·	38
NET	N20			38
NET	N21			40
NET	N22			40
NET	N23			40
NET	N24			40
FDP `	N1			42
CRS	N2 & N3			41
CRS	N4 & 45			41

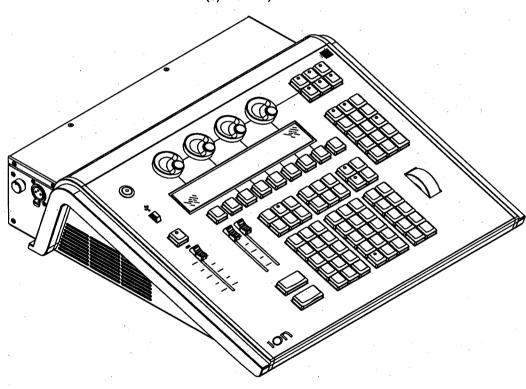
Electronic Theatre Controls Inc
3031 Pleasant View Rd PO Box 620979 Middleton WI 53562 0979 Tel 608 831 4116 Toll Free 800 688 4116 Fax 608 836 1736 www.etcconnect.com
5

•••	(1.1	(•••	••••		
						FILE NAME:	NET LAMICOD LABELLDWG
XAS	***************************************	JPANY .			JNG		
RICHARDSON, TEXAS		TEXAS SCENIC COMPANY		•	SPECTRUM LIGHTING		- PHYSICAL
LOCATION:	OOM TO VOTION			REPRESENTATIVE:		TITLE: ETCNet	LAMICOID LABEL - PHYSICAL
2	_	3		EO/HB RE	APPD.	REV. TII	∀
1				5/1/14	DATE	7.4	-4°
		,	┢	MAB	ВУ	7.4	051502-45
						6	5

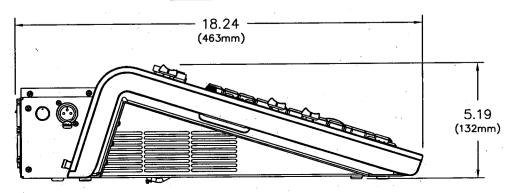
- 1.) CONTROL CONSOLE FACE PANEL IS .075 GALVANIZED STEEL AND CHASSIS IS CONSTRUCTED OF .062 ALUMINUM. BOTH ARE FINISHED IN A BLACK FINE—TEXTURED POWDER COAT.
- 2.) FACE PANEL AND REAR PANEL NOMENCLATURE IS REVERSE-SILKSCREENED ONTO ADHESIVE LEXAN LABELS.
- 3.) APPROXIMATE WEIGHT OF UNIT IS 20.35 lbs. (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

DESCRIPTION

REAR VIEW

TOP VIEW

FRONT VIEW

17.89

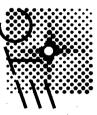
(454mm)

ION 2000 CONTROL CONSOLE

DESIGNATION (2048 OUTPUTS)

PART NUMBER

4310A1014



 11	·····	
		FILE NAME:
Ы		

TEXAS SCENIC CO
OIL MINITEDIAGE

LOCATION:	RICHA
CONTRACT WITH:	TEXAS (
REPRESENTATIVE:	SPEC

LOCATION:	CONTRACTOR CONTRACTOR	CONTRACT WITH:		REPRESENTATIVE:		
W	\			ЕО/НВ	APPD.	
1				5/1/14	DATE	
	1					



15031502

