



**BELKA ENGINEERING
ASSOCIATES, INC.**

ADDENDUM NO. 1

UNIVERSITY OF SOUTH CAROLINA BEAUFORT CENTER FOR THE ARTS RENOVATION STATE PROJECT NO. H36-9518

June 8, 2017

TO: ALL BIDDERS OF RECORD, CONSULTANTS, OWNER:

The following items shall take precedence over the drawings and specifications for the above-referenced project and shall become a part of the contract documents. Where any item called for in the specifications, or indicated on the drawings, is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided or superseded hereby, the provisions of such item not specifically amended, voided or superseded shall remain in effect.

I. GENERAL CLARIFICATIONS:

- A. Attached is the sign in schedule from the non-mandatory pre-bid meeting conducted on June 7, 2017 at 10 a.m. in Classroom 101 of USCB Center of the Arts.
- B. Prior approvals shall be submitted by Friday, June 9, 2017 at 5 p.m.
- C. Bid document questions shall be submitted by Wednesday, June 14, 2017 at 5 p.m.
- D. Last addendum shall be transmitted before Friday, June 16, 2017 at 2 p.m.
- E. If additional visits to site are required by Contractors, they shall contact Dwight Jones with USCB at (404) 915-5413.
- F. The end user anticipates using the renovated space on September 29, 2017 for event. And would like to request to use the space for auditions on September 12 and 13, 2017.

II. THEATRICAL SPECIFICATION CLARIFICATIONS:

- A. Performance Lighting 116161

BELKA ENGINEERING ASSOCIATES, INC.

7 Clusters Court, Suite 201 | Columbia, SC | 29210 | (803) 731-0650 p | (803) 731-2880 f

PAGE 1 of 4

1. 1.6.E.8 Replace Paragraph with
“Provide three (3) password protected editable soft copies of initial system configuration with a password to provide full access to make future changes to the configuration.”
2. Add the following paragraphs:
 - a. 116161
 - i. 1.9.N Campus Media Services
 - ii. 1.9.N.1 Campus Media Services will assign IP, Subnet and VLans for systems
 - ii. Changes
 1. TPL30
 - a. Clarified the Fire Alarm interface point to the Emergency Bypass Detection Kit

B. Performance Sound Video & Communications 116170

1. Add the following paragraphs
 - a. 116170
 - i. 1.1.E.4 Campus Media Services
 - ii. 1.1.E.4.1 Campus Media Services will assign IP, Subnet and VLans for systems
 - iii. 1.5.C.1.c.1 “Provide (2) password protected editable electronic copies of the configuration and programming of all electronic devices.”
 - iv. 1.5.C.1.c.2 “Provide full access passwords for all devices and code.”
 - v. 1.5.C.1.c.3 “Upon acceptance the code becomes the property of the owner. “
 - b. 116170.70
 - i. 1.2.A.2.i Runs an audience recall chime.
 - ii. 3.1.B.12 Chime Generator
 - iii. 3.1.D.3.b.5 Recall Chime
 - iv. 3.1.D.3.b.5.a Runs the lobby recall chime for 1 cycle.
2. Delete the following paragraphs:
 - a. 116170.15
 - i. 2.2.B.4.a.1.c
 - b. 116170.60
 - i. 1.1.B.2
 - ii. 1.1.B.3
 - iii. 1.1.B.4
 - iv. 1.1.B.5
 - v. 1.1.B.6

- vi. 1.1.B.7
 - vii. 1.1.B.10
 - viii. 1.3.A.3 and sub paragraphs
 - ix. 2.1.B and sub paragraphs
 - x. 2.1.D and sub paragraphs
 - xi. 2.2.A and sub paragraphs
 - xii. 2.2.E.2.a
 - xiii. 2.2.E.2.b
 - xiv. 2.2.E.2.c
 - xv. 2.2.E.3 and sub paragraphs
3. Change the following paragraphs
- a. 116170.15
 - i. 2.2.B.4.a.1.a SoundNet – **Yellow**
 - ii. 2.2.B.4.a.1.d Digital Media (STP) - **Purple.**
 - b. 116170.60
 - i. 2.2.E.1.b **Existing Furnished** Flown Screen
 - c. Drawing 116170.99
 - i. Item 12 (SOC-4) quantity to **5**
 - ii. Item 28 CP3 to **CP3N**
 - iii. Item 41 “Crestron AM-101 Airmedia Interface”
 - iv. Item 45 **DM16x16**
 - v. Item 47 (DM HDMI CARD) quantity: **6**
 - vi. Item 54 Rack Panel quantity to **3**

III. THEATRICAL DRAWING CLARIFICATIONS:

A. Drawing TPS2.0

- 1. Change video jacks to purple.
- 2. Change Soundnet jacks to yellow.

B. Drawing TPS3.0

- 1. Noted that critical patches use red patch cords.
- 2. Changed PC label to read “Media PC”
- 3. Changed Wireless presentation interface to AM-101
- 4. Deleted ClickShare Dongles
- 5. Add (2) Satellite receivers (Existing)
- 6. Add (1) Blue Ray Player (Existing)
- 7. Add (3) DM HDMI input cards
- 8. Change Matrix Switcher to **DM-16x16**
- 9. Add existing preview monitor
- 10. Added an ethernet link to the campus network
- 11. Added (1) SOC-4 with output LOBBY
- 12. Labeled RK1
- 13. Added RK2 with (2) XLR jacks fed from mixer outputs 15 & 16
- 14. Change CP3 to **CP3N**

15. Added 8 inputs
16. Added 2nd net jack

C. Drawing TPS3.1

1. Added (1) SOC-4 with output LOBBY ran output to amplifier E2:2
2. Noted amplifier output 2 feeds existing lobby speakers.
3. Labeled RK3

D. Drawing TPS3.2

1. Added chime input, feeding the sense side of a ducker. The ducker input is from the aligned relay feed. The ducker outputs to a parametric equalizer and then a delay before it terminates at the lobby output.

E. Drawing TPS4.0

1. Project Images
 - a. Add (2) Satellite receivers
 - b. Add (1) Blue Ray Player
 - c. Change Click Share to **Air Media**

F. User Control

1. Added Lobby Mute button
2. Added recall chime button

IV. QUESTIONS AND ANSWERS:

- A. Question: Is Lab Gruppen amps acceptable substitute for Crown.
Answer: Yes.
- B. Question: Is QSC Q-Sys acceptable substitute for BiAmp Tesira.
Answer: Yes.
- C. Question: Is Symmetrix acceptable substitute for BiAmp Tesira.
Answer: No.
- D. Question: Is Extron acceptable substitute for Crestron.
Answer: No.
- E. The existing project screen is shown on the drawings behind the main (front) curtain but is presently in front of the main curtain. Is it to be relocated.
Answer: No. Existing project screen remains in place.

V. ATTACHMENTS:

- A. Pre-Bid Conference Sign In List.
- B. Revised Drawings TPS2.0, TPS3.0, TPS3.1, TPS3.2, and TPS4.0.

END OF ADDENDUM NO. 1

University of South Carolina -Beaufort Campus

Pre Bid Sign In Sheet

Beaufort, South Carolina

Project Name: USC Beaufort Center for the Arts Renovation
Project Number: H36-9518
Pre Bid Date & Time: June 7, 2017, 10:00 AM

SWMBE?	Name	Company Name	Address	Phone #	Email
Yes No	Juaquana Brooks	USC	743 Greene St, Columbia, SC 29223	803.777.3596	jbrookin@fmc.sc.edu
Yes No	Lee Miller	USC	743 Greene St, Columbia, SC 29223	803 777.2834	mlle979@mailbox.sc.edu
Yes No	CLIFF STRINGFIELD	BEA	7 CLUSTERS CT. COLUMBIA SC 29210	803 731-0650	cstringfield@bea-consulting.com
Yes No	TOM STUMPF	RONCO	944 College Park Summerville, SC	843 695 2970	tstumpf@ronco.net
Yes No	Scott Aubrey	Construct South	302 McIv St St. George SC	843 224-1132	Mconstructsouth@BellSouth.net
Yes No	Jim Breibner	Productions Unlimited Inc	870 ANDERSON RIDGE GREER SC 29651	864-675-6146	Jim6@Productionsunlimitedinc.com
Yes No	Brian Phillips	Productions Unlimited, Inc.	"	"	kriang@productionsunlimitedinc.com
Yes No	Robert Cole	Productions Unlimited Inc	"	"	RobertCole@HUGHES.NET
Yes No	JAY ENSER	STAGE SOUND	2240 SHENANDOAH AVE, NW	540 342-3040	JAYE@STAGESOUND.COM

***By signing this sheet you agree to receive information electronically.

ROBERT COLE, Vt 2/10/17

University of South Carolina -Beaufort Campus

Pre Bid Sign In Sheet

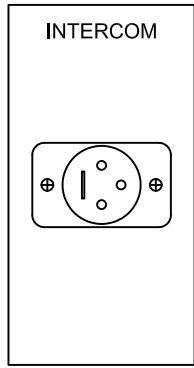
Beaufort, South Carolina

Project Name: USC Beaufort Center for the Arts Renovation
Project Number: H36-9518
Pre Bid Date & Time: June 7, 2017, 10:00 AM

SWMBE?	Name	Company Name	Address	Phone #	Email
Yes No	Richard Huss	Huss Inc	PO BOX 12339 Charleston SC 29422	843-937 0023	Richard Huss E Huss Inc. com
Yes No	Kasefany CURTIS	TCC	519 Park St 27604 Raleigh, NC	919 546-0288	CKasefany@ theatrecc.com
Yes No	Sannee Haugkore	USCB Center for the Arts		843- 521-4145	bhararav@uscb.edu
Yes No	Dwight Jones	USCB			dhjones@uscb.edu
Yes No	Charlie Mitchell	Mitchell Brothers Inc	23 John Meeks Wing Seabrook SC	843 441 6183	charlie@mitchellbrothersinc.com
Yes No					
Yes No					
Yes No					
Yes No					

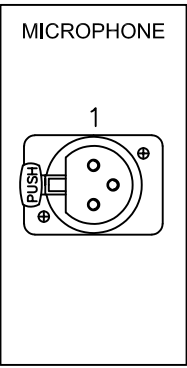
***By signing this sheet you agree to receive information electronically.

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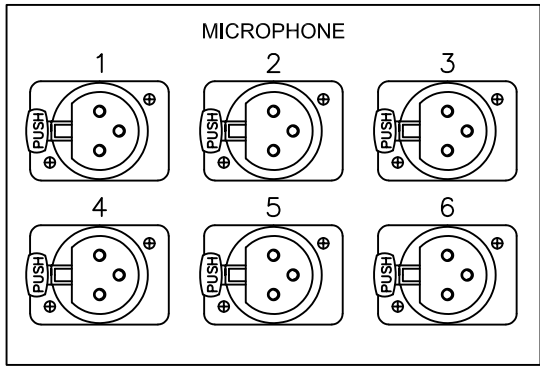
FACEPLATE I1
BACKBOX: 1 GANG
Box = Labels

Mounting: Flush
Finish: Black anodized, horizontally brushed aluminum
Backbox: 1 Gang Provided By EC
300



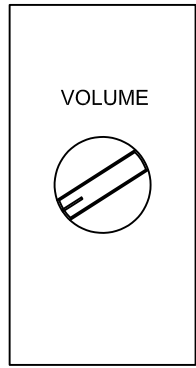
FACEPLATE M1
BACKBOX: 1 GANG
Box = Labels

Mounting: Surface
Finish: Black anodized, horizontally brushed aluminum
Backbox: 1 Gang Provided By EC
306 = Location: MON
Mic: 1
332 = Location: MON
Mic: 2



FACEPLATE M6
BACKBOX: 3 GANG
Box = Labels

Mounting: Surface
Finish: Black anodized, horizontally brushed aluminum
Backbox: 3 Gang Provided By EC
331 = Location: CHOIR
Mic: 1-6



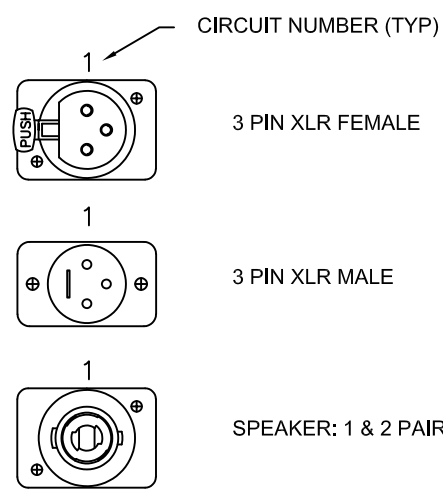
VOLUME CONTROL
SEE EQUIPMENT AND COMPONENTS SCHEDULE

FACEPLATE PV
BACKBOX: 1 GANG
Box = Labels

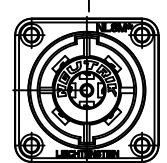
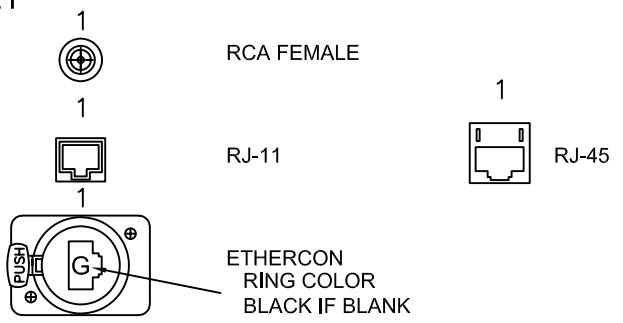
Mounting: Surface
Finish: Black anodized, horizontally brushed aluminum
Backbox: 1 Gang Furnished to EC
325
327

FACEPLATE PW
BACKBOX: QUAM SYSTEM 2
Box = Labels

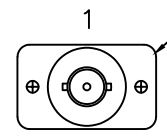
Mounting: Surface
Finish: Black anodized, horizontally brushed aluminum
Backbox: 2 Gang Furnished to EC
325
328
329



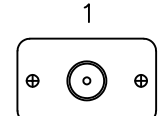
FACEPLATE KEY



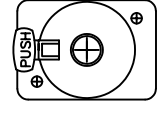
SPEAKER: 3 & 4 PAIR



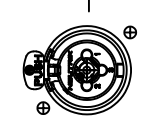
A NOTATION OF 50 SIGNIFIES A 50 OHM BNC CONNECTOR



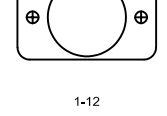
F CONNECTOR



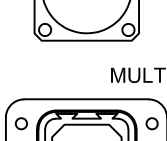
1/4" PHONE FEMALE



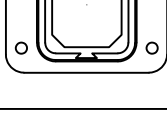
NEUTRIK COMBO WIRE TRS AND XLR IN PARALLEL



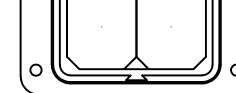
TYPE AS NOTED



MULTIPIN MASS CONNECTOR CHANNELS AS NOTED



MULTIPIN G SERIES CONNECTORS



KEY TO COLORS:
B - BLACK
C - CYAN
G - GREEN
M - MAGENTA
O - ORANGE
R - RED
W - WHITE
Y - YELLOW
L - BLUE
P - PURPLE

NOTES:

- FACEPLATE MATERIAL: 1/8" ALUMINUM
- FINISH: 120 GRIT HORIZONTALLY BRUSHED BLACK ANODIZED ALUMINUM UNLESS OTHERWISE NOTED
- BOX TITLE/LOCATION NAME CHARACTERS: 1/4" HIGH
- BOX NUMBER CHARACTERS: 1/8" HIGH
- OTHER CHARACTERS: 3/16" HIGH
- CIRCUIT NUMBERS AS PER FACEPLATE LABELING SCHEDULES
- ALL DIMENSIONS ARE EXPRESSED IN INCHES
- FACEPLATE SCREWS ARE NOT SHOWN. CONTRACTOR TO LOCATE TO COORDINATE WITH BACK BOXES
- SCREWS TO BE COUNTER SUNK PHILLIPS HEAD SCREWS IN SLOTTED HOLES
- ON DARK COLORED FACEPLATES LEAVE ENGRAVING NATURAL OR USE NON-YELLOWING WHITE FILL.
- ON LIGHT COLORED FACEPLATES USE BLACK FILL.



FIBER ST



FIBER SC



SWITCHCRAFT SL172F



5 PIN DIN



PUSH BUTTON WITH LEGEND



TOGGLE SWITCH



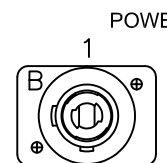
KEY SWITCH



LED ILLUMINATED SWITCH



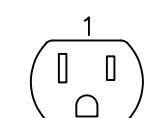
REPLACABLE LED IN LENS



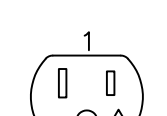
POWER



NEUTRIK POWERCON PROVIDE WITH BLACK HINGED COVER



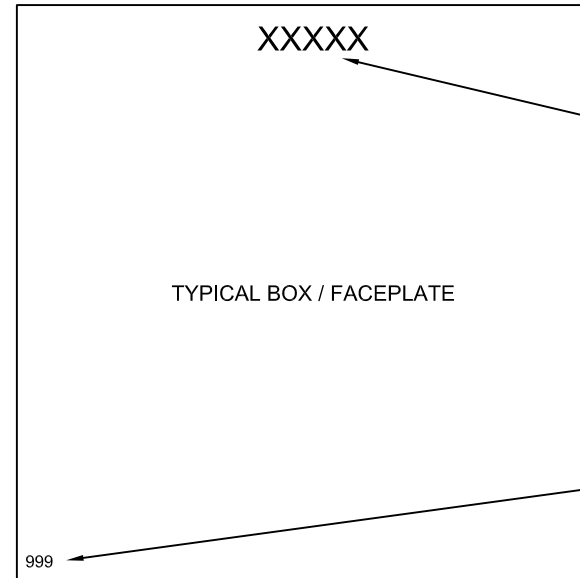
NEUTRIK POWERCON TRUE-1 PROVIDE WITH BLACK HINGED COVER



EDISON L5-15R HOSPITAL GRADE NORMAL GROUND



EDISON L5-15R HOSPITAL GRADE ISOLATED GROUND



XXXXX

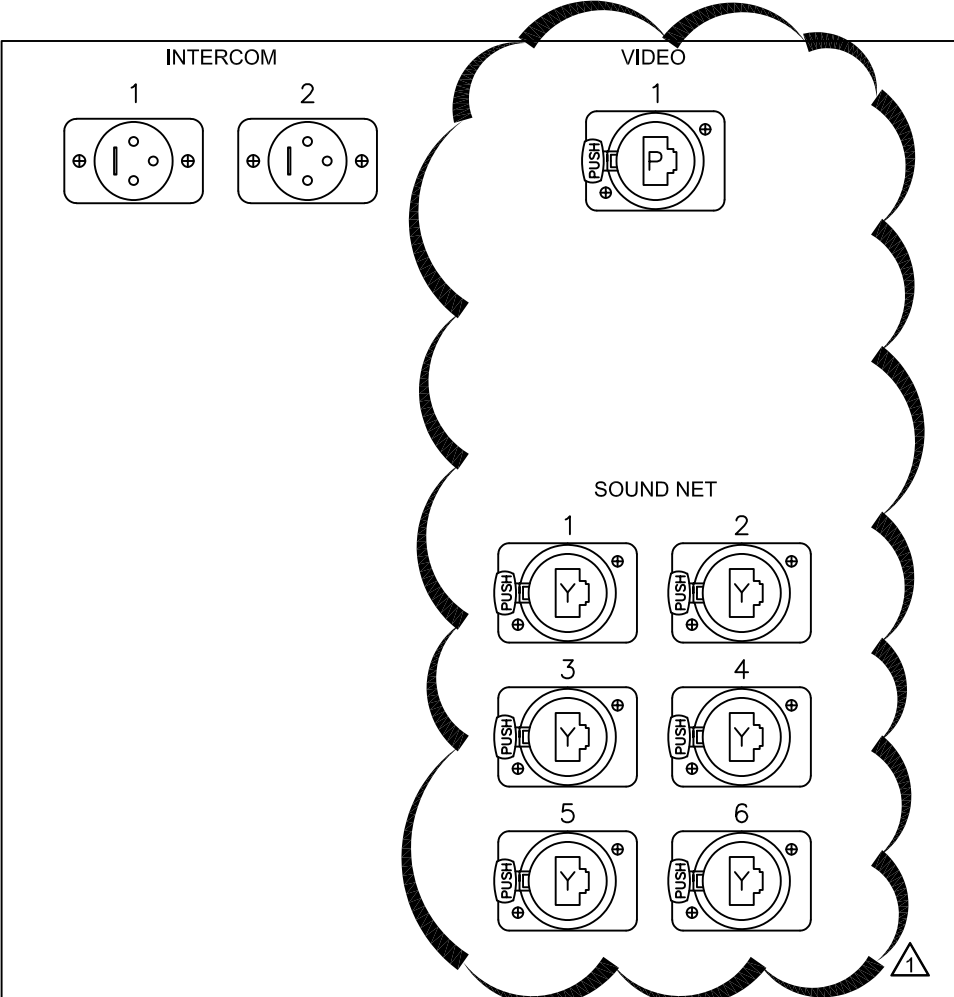
TITLE / LOCATION NAME

TYPICAL BOX / FACEPLATE

BOX NUMBER

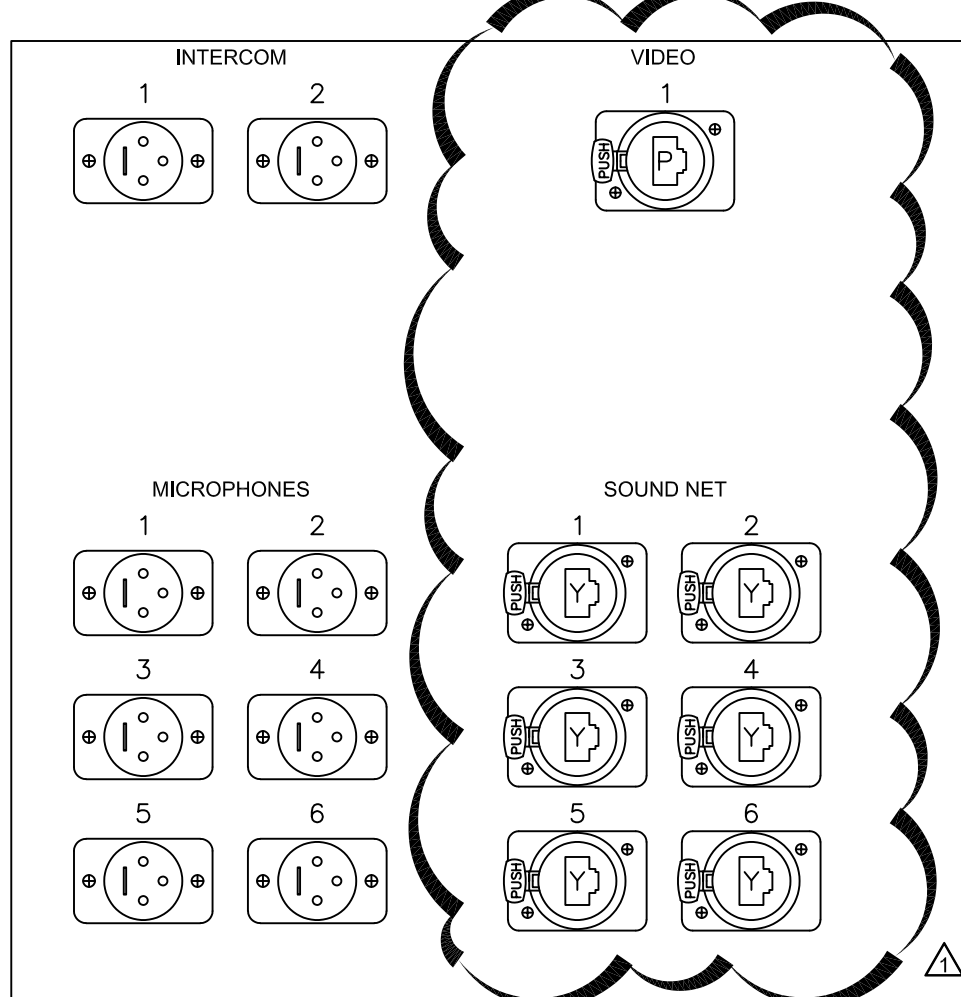
FACEPLATE UAA-C
BACKBOX: 10X10
Box = Labels

Mounting: Flush
Finish: Black anodized, horizontally brushed aluminum
Backbox: 10x10x4 Furnished to EC
303 = Location: HOUSE MI



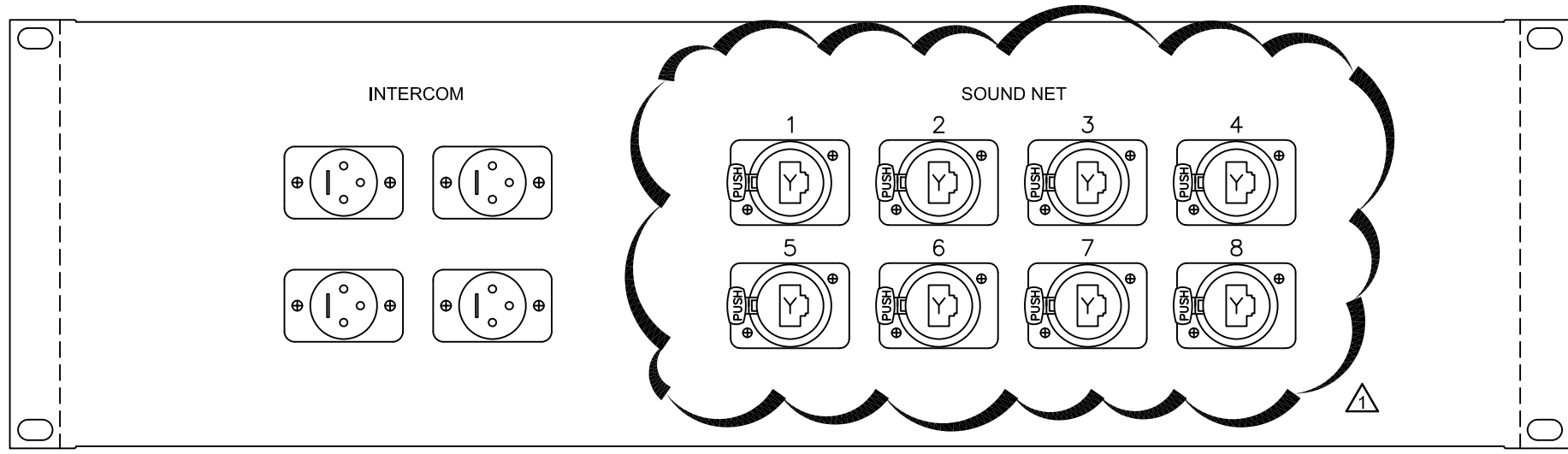
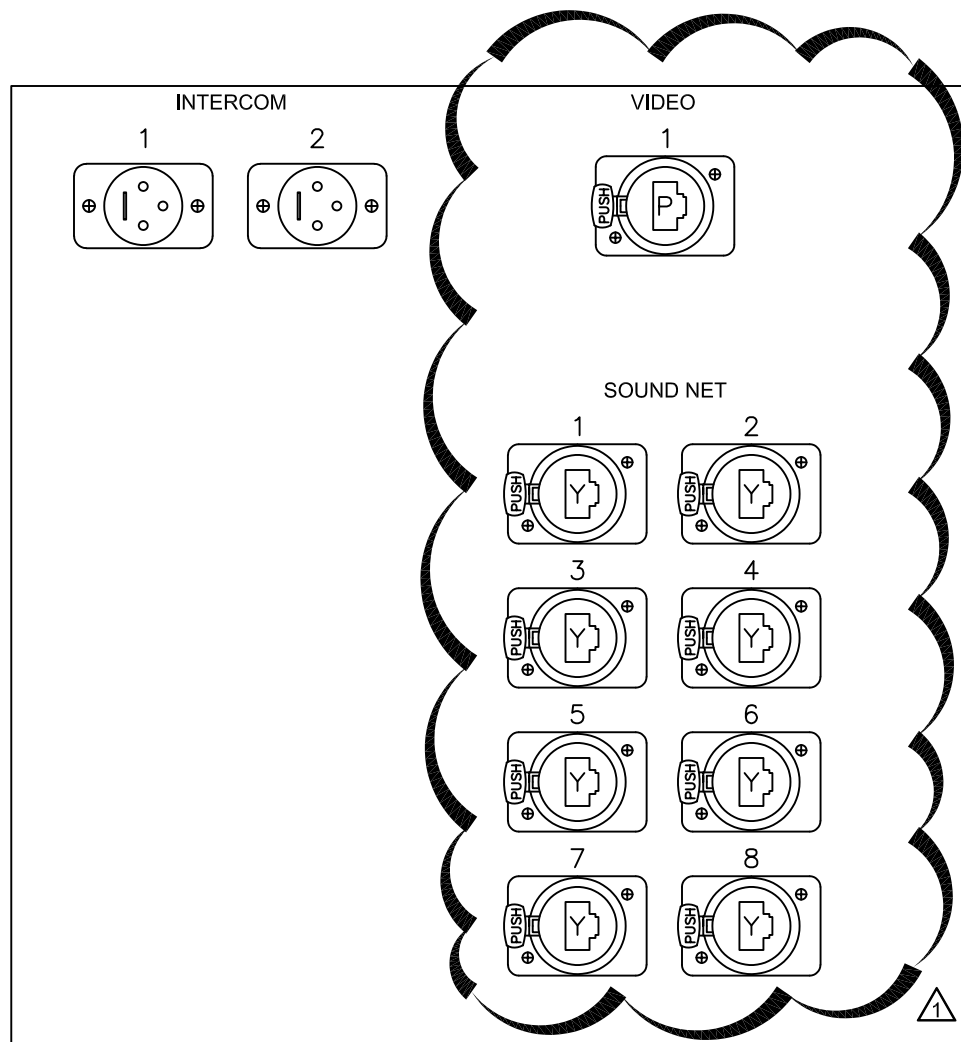
FACEPLATE UAA-A
BACKBOX: 10X10
Box = Labels

Mounting: Surface
Finish: Black anodized, horizontally brushed aluminum
Backbox: 10x10x4 Furnished to EC
304 = Location: SL



FACEPLATE UAA-B
BACKBOX: 10X10
Box = Labels

Mounting: Surface
Finish: Black anodized, horizontally brushed aluminum
Backbox: 10x10x4 Furnished to EC
305 = Location: SR

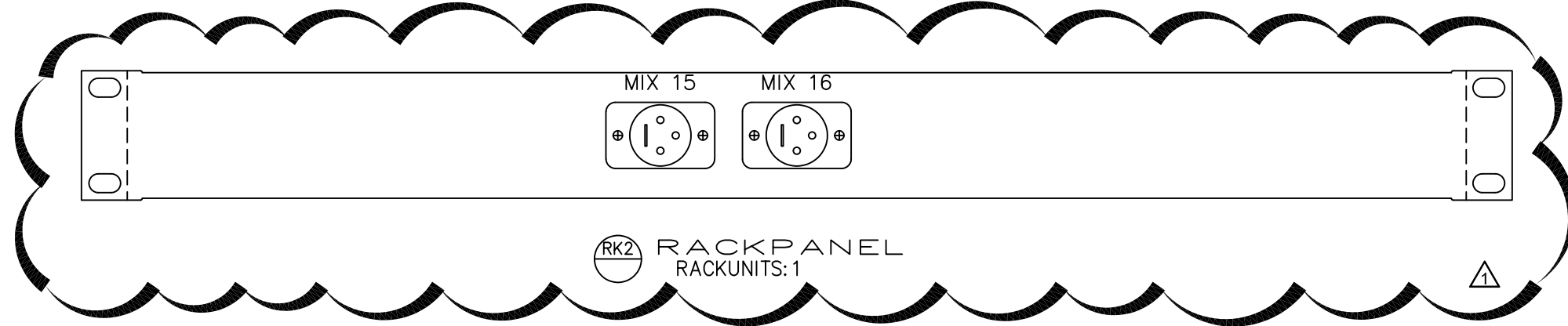


FACEPLATE SO
BACKBOX: NONE
Box = Labels

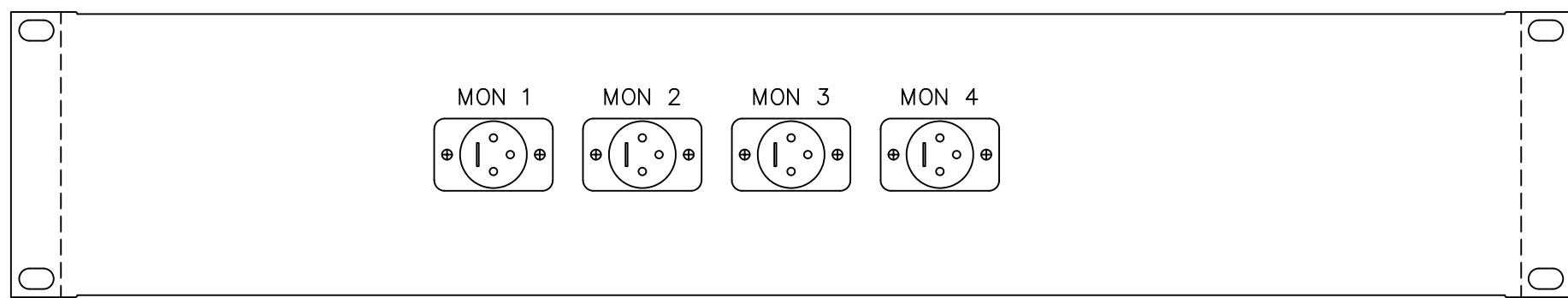
Mounting: Surface
Finish: Not Applicable
Backbox: Stub Out Provided By EC
307 = LS1
308 = LS2
309 = LS3
310 = LS4
311 = LS5
312 = LR1
313 = LR2
314 = LR3
315 = RR3
316 = RR2
317 = RR1
318 = RS5
319 = RS4
320 = RS3
321 = RS2
322 = RS1
323 = CENTER
324 = ALS

RACKPANEL
RACKUNITS: 3
Box = Labels

Mounting: Surface
Finish: Black anodized, horizontally brushed aluminum
Backbox: As Needed Provided By EC
302



RACKPANEL
RACKUNITS: 1



RACKPANEL
RACKUNITS: 2
Box = Labels

Mounting: Surface
Finish: Black anodized, horizontally brushed aluminum
Backbox: As Needed Provided By EC
301

PERFORMANCE SOUND - FACEPLATES
SCALE: 6"=1'-0"



Theatre Consultants Collaborative

ISSUING OFFICE
519 Polk Street
Raleigh, NC 27604
(919) 546-0285
(478) 556-6017 x103
ckasef@theatrecc.com
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North Carolina, Ontario



BELKA ENGINEERING ASSOCIATES, INC.

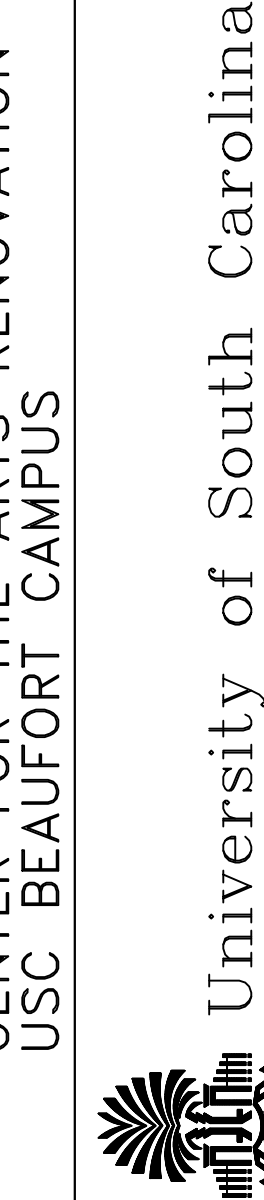
CONTACT: CLIFF STRINGFIELD
7 CLUSTERS COURT, SUITE 201 | COLUMBIA, SC | 29210
(803) 731-0650 p | (803) 731-2880 f
CStringfield@BEA-Consulting.com

STATE PROJECT NO. H27-D231-JM

US21606

PROJECT TITLE: CENTER FOR THE ARTS RENOVATION
USC BEAUFORT CAMPUS

SHEET:



University of South Carolina

TPS2.0

3 OF 8

SHEET IN SET:

OF

SEAL:

CHECKED BY: CES

ORIG BY: DRAWN BY

DATE: 06/09/2017

OK

DRAWN BY: QMS

DATE: 22 MAY 17

DESCRIPTION

50002910-2

REVISION

REVISION

REVISION

REVISION

REVISION

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REVISION

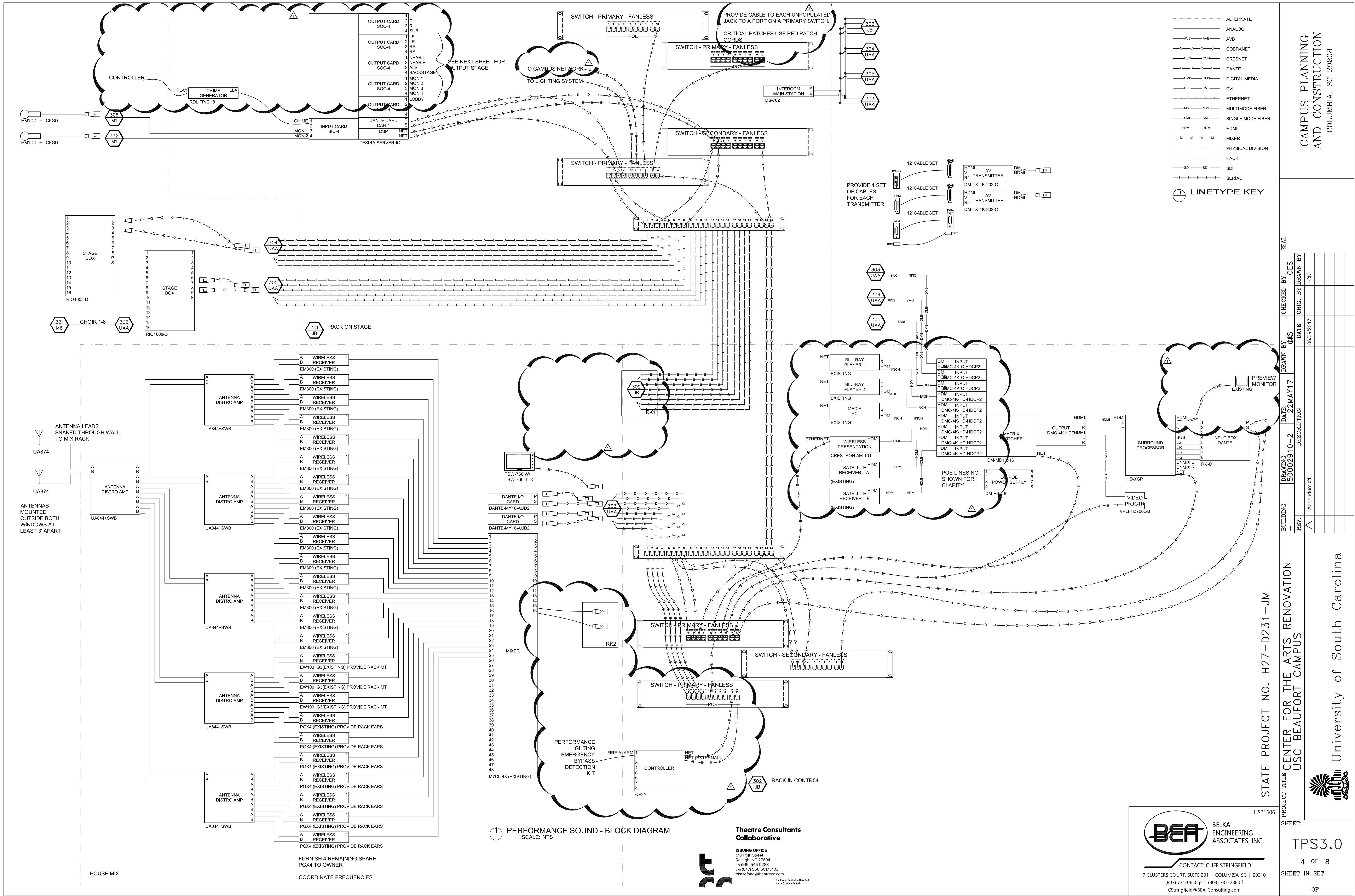
REVISION

REVISION

REVISION

REVISION

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US21606

EET:

5 OF 8

SHEET IN SET:	
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OF

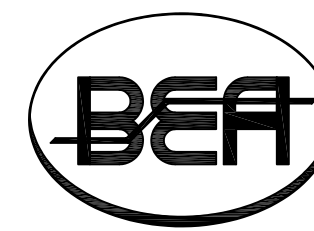
THE DESIGN INTENT IS:
THE SOUND SYSTEM MAY BE SWITCHED ON AND OFF MANY TIMES EACH DAY
THE ANCILLARY SYSTEMS WILL REMAIN ON 24/7 EXCEPT DURING MECHANICAL
SHUTDOWNS AND COMPLETE BUILDING CLOSURE.

E



tcc

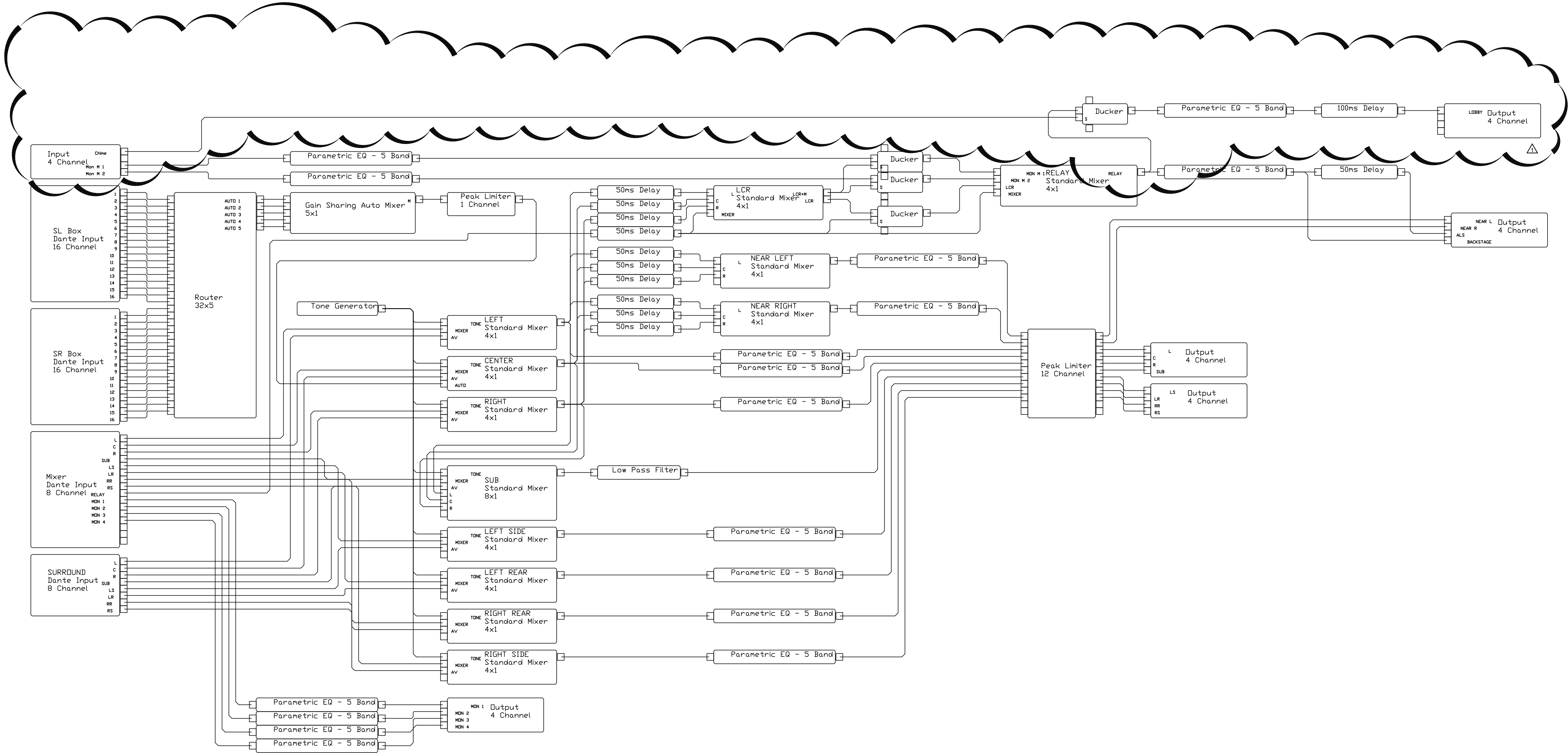
ISSUING OFFICE
519 Polk Street
Raleigh, NC 27604
USA (919) 546 0288
CAN (647) 556 6017 x103
ckasefang@theatrecc.com



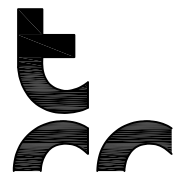
CONTACT: CLIFF STRINGFIELD

7 CLUSTERS COURT, SUITE 201 | COLUMBIA, SC | 29210
(803) 731-0650 p | (803) 731-2880 f
CStringfield@BEA-Consulting.com

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1 PERFORMANCE SOUND - DSP BLOCK DIAGRAM
SCALE: NTS



**Theatre Consultants
Collaborative**

ISSUING OFFICE
519 Polk Street
Raleigh, NC 27604
(919) 546-0285
(647) 556 6017 x103
ckasef@theatrecc.com
Columbia, Kentucky, New York
North Carolina, Ontario



**BELKA
ENGINEERING
ASSOCIATES, INC.**

CONTACT: CLIFF STRINGFIELD
7 CLUSTERS COURT, SUITE 201 | COLUMBIA, SC | 29210
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CStringfield@BEA-Consulting.com

STATE PROJECT NO. H27-D231-JM

PROJECT TITLE: CENTER FOR THE ARTS RENOVATION
USC BEAUFORT CAMPUS

University of South Carolina

CAMPUS PLANNING
AND CONSTRUCTION
COLUMBIA, SC 29208

BUILDING: 150002910-2
DRAWING: 150002910-2
DATE: 22 MAY 17
DRAWN BY: QMS
CHECKED BY: CES
SEAL:

US21606

SHEET:

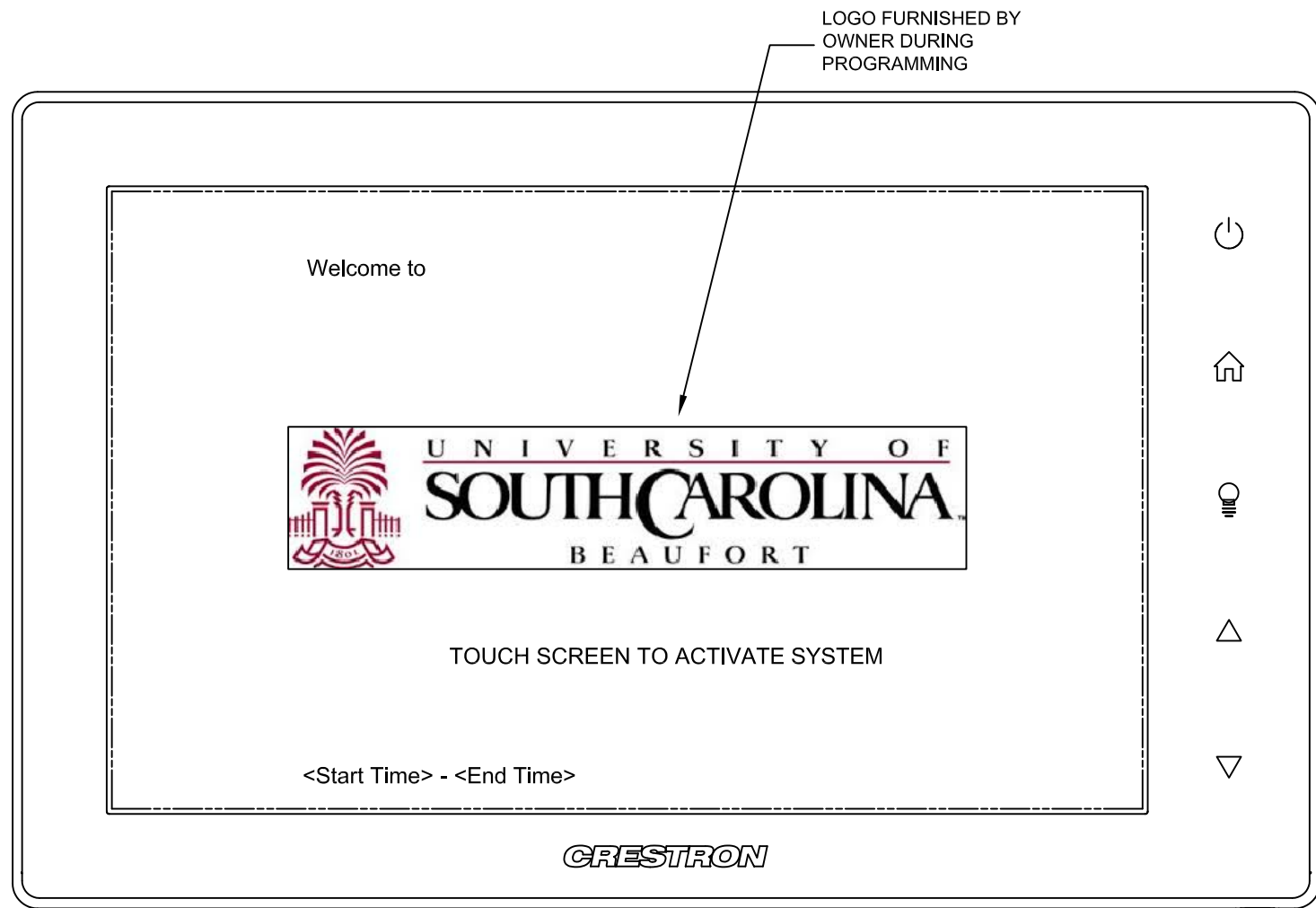
TPS3.2

6 OF 8

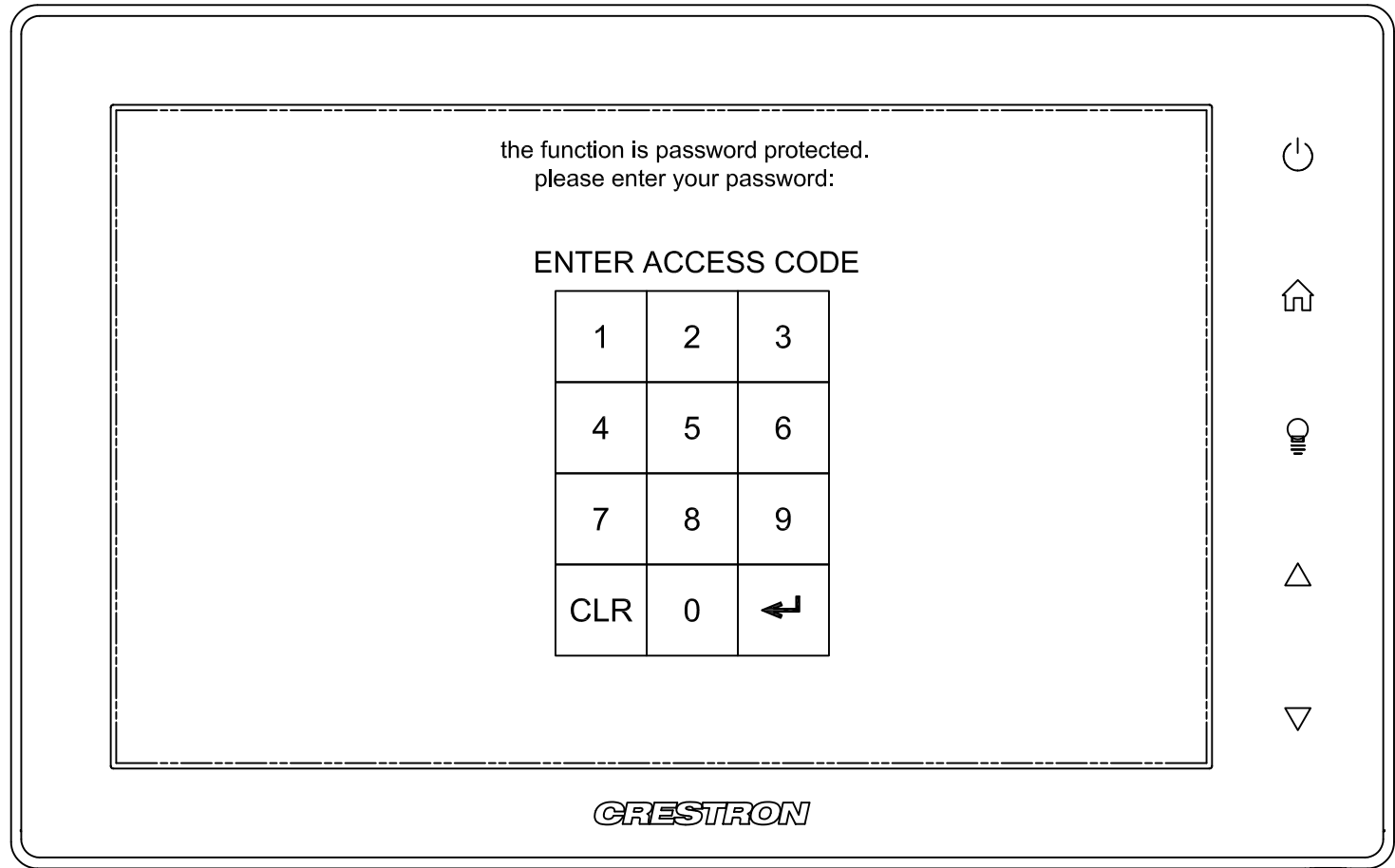
SHEET IN SET:

OF

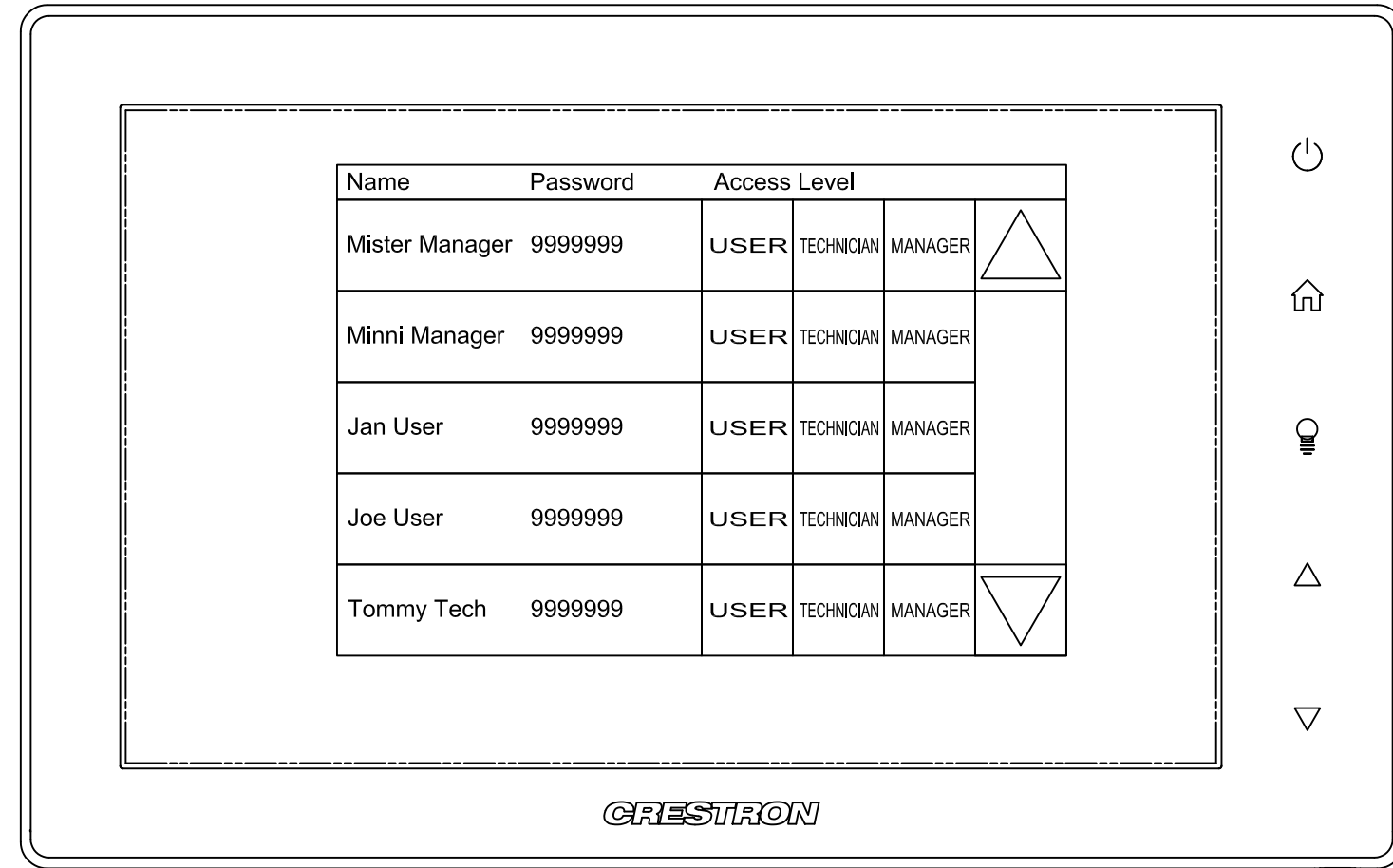
D:\Dropbox (TheatreConsultantsCo)\TCC Projects\USCB-16\Drawings\TPS Faceplate.dwg, TPS40, 5/30/2017 6:50:18 PM



SCREEN LAYOUT
SCREEN: STARTUP



SCREEN LAYOUT
SCREEN: LOGIN



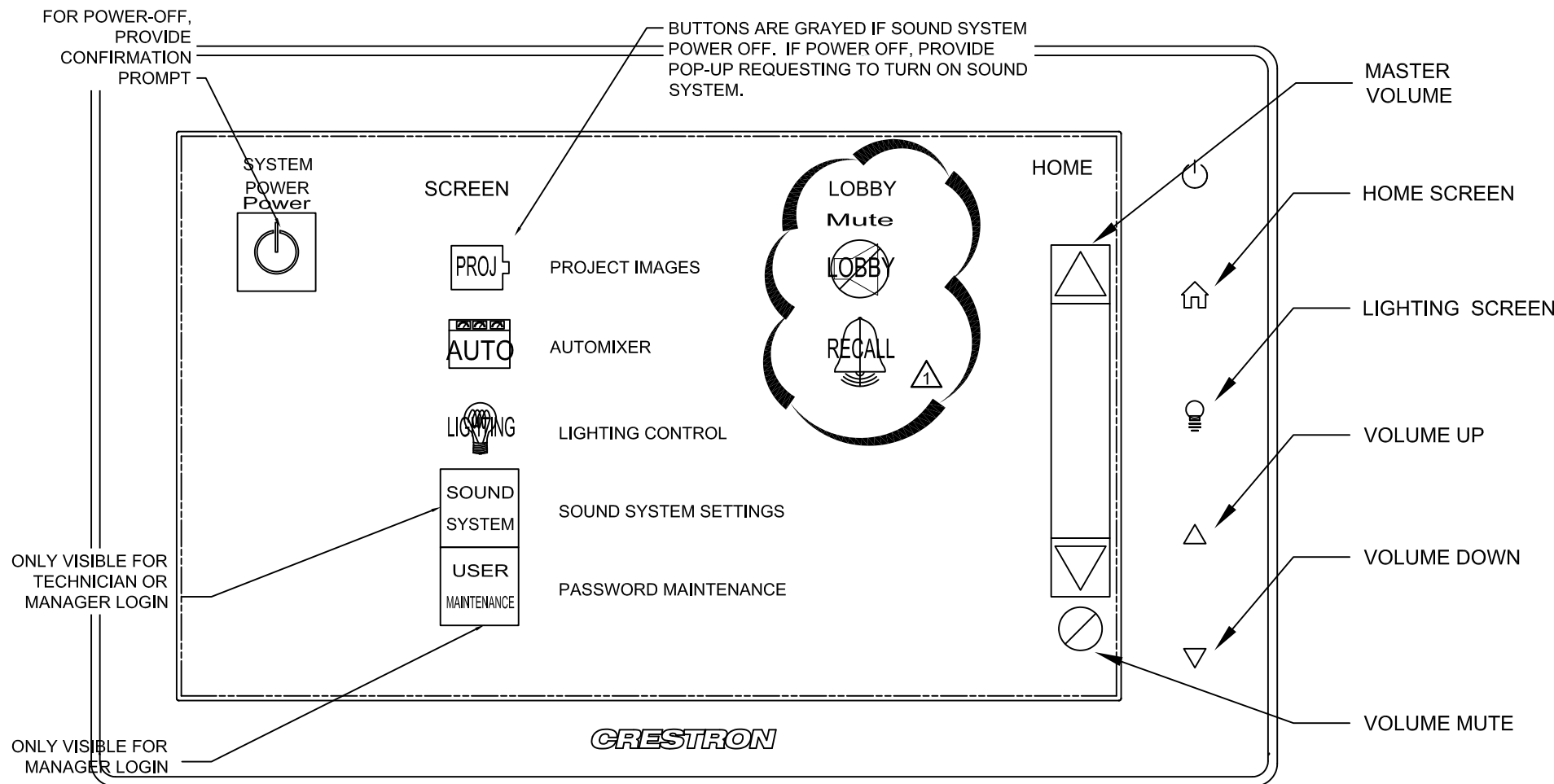
SCREEN LAYOUT
SCREEN: PASSWORD MAINTENANCE

SELECTED / ASSIGNED ACCESS
LEVEL IS HIGHLIGHTED

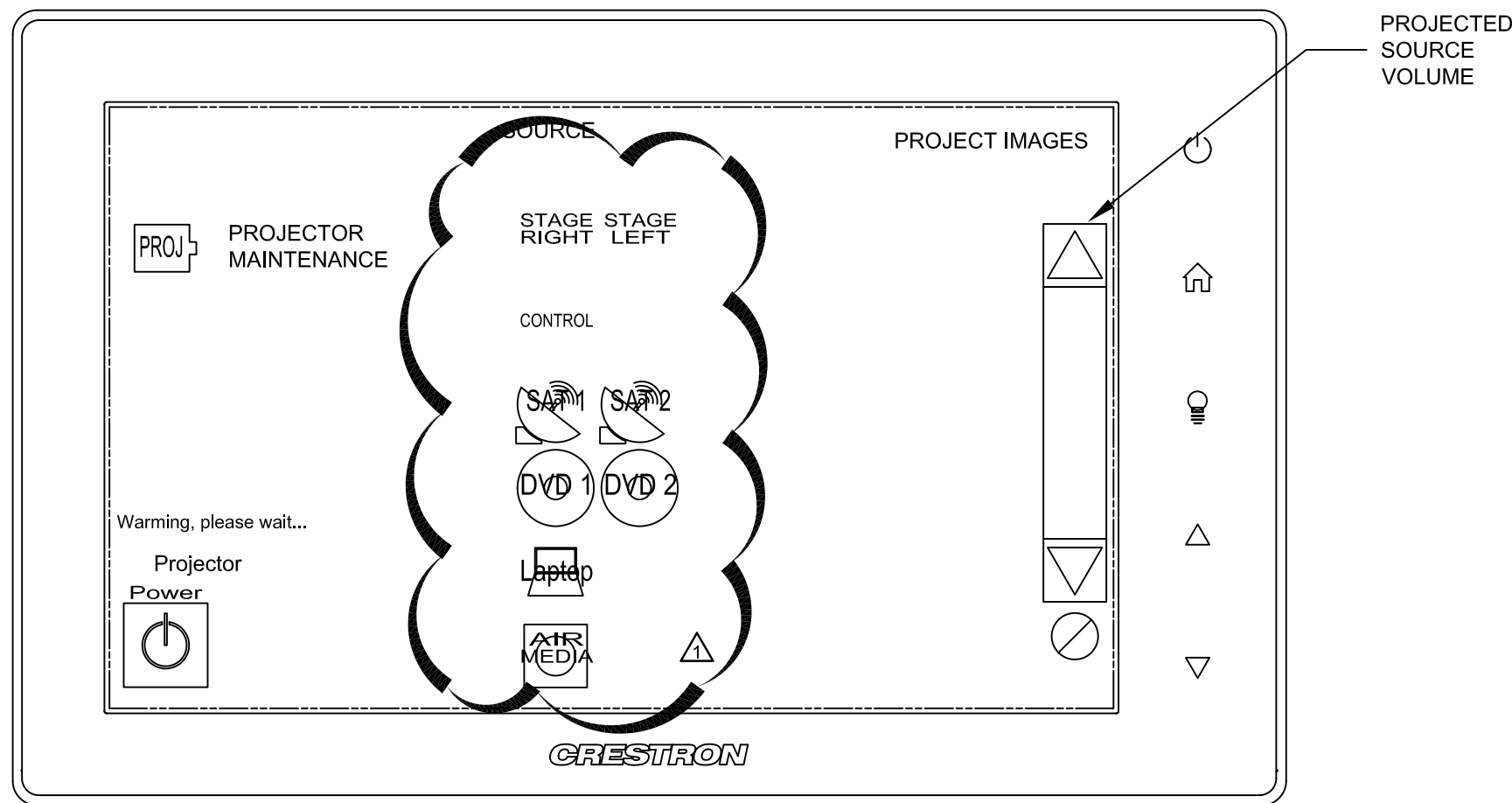
PASSWORDS ARE DISPLAYED AS
***** ONCE ENTERED

LIST ALLOWS 30 USERS

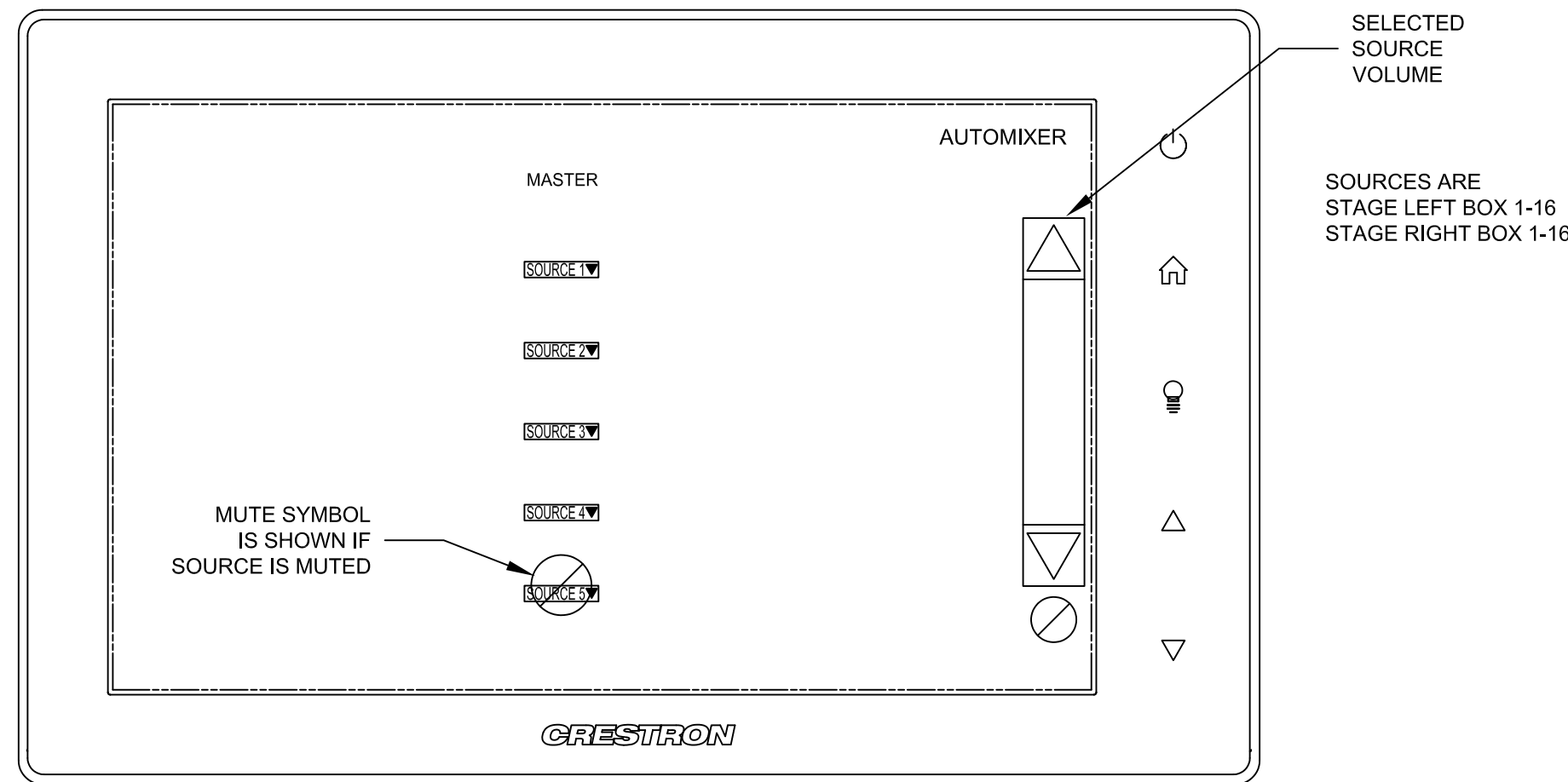
LIST SCROLLS



SCREEN LAYOUT
SCREEN: USER CONTROL - HOME

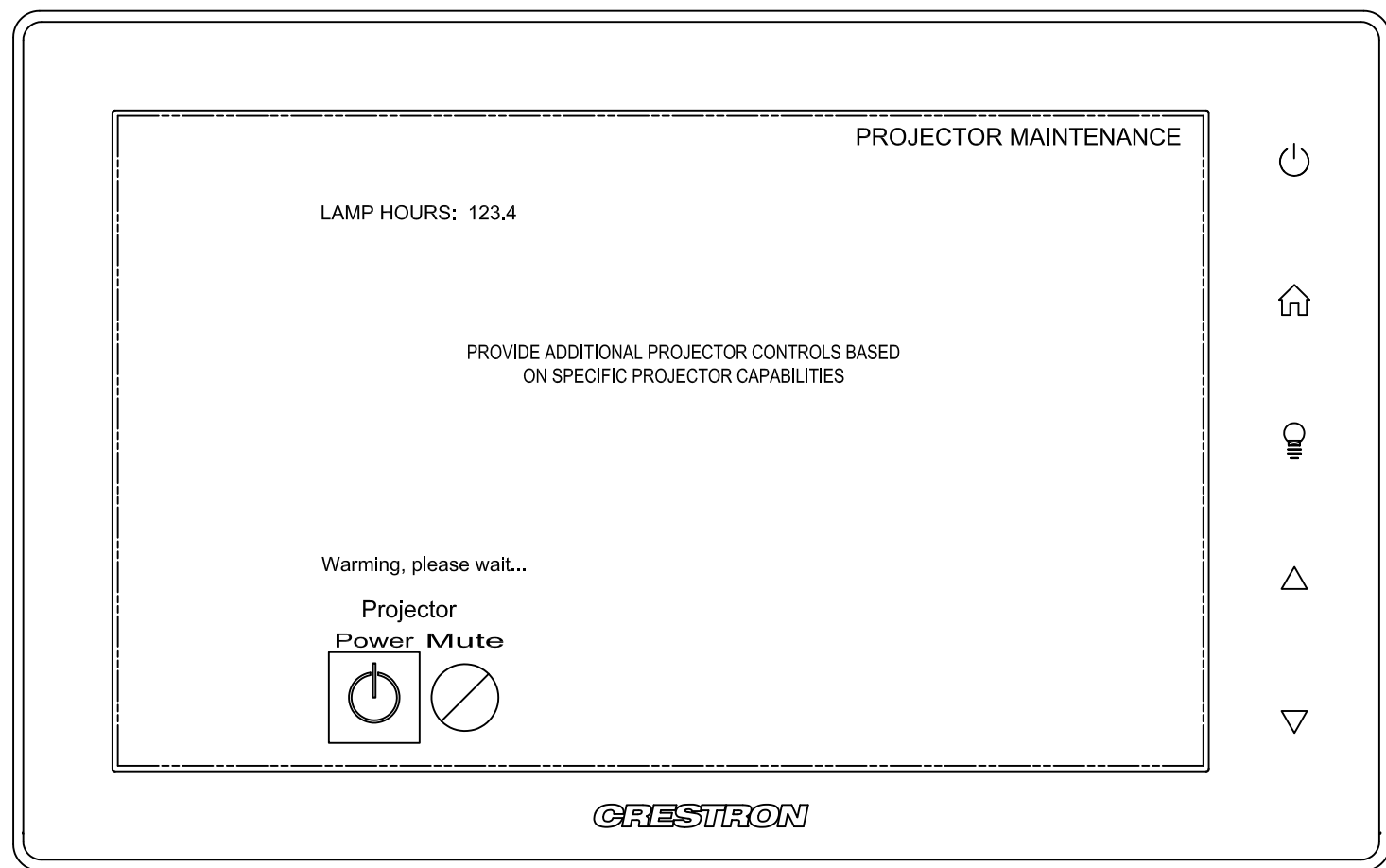


SCREEN LAYOUT
SCREEN: PROJECT IMAGES

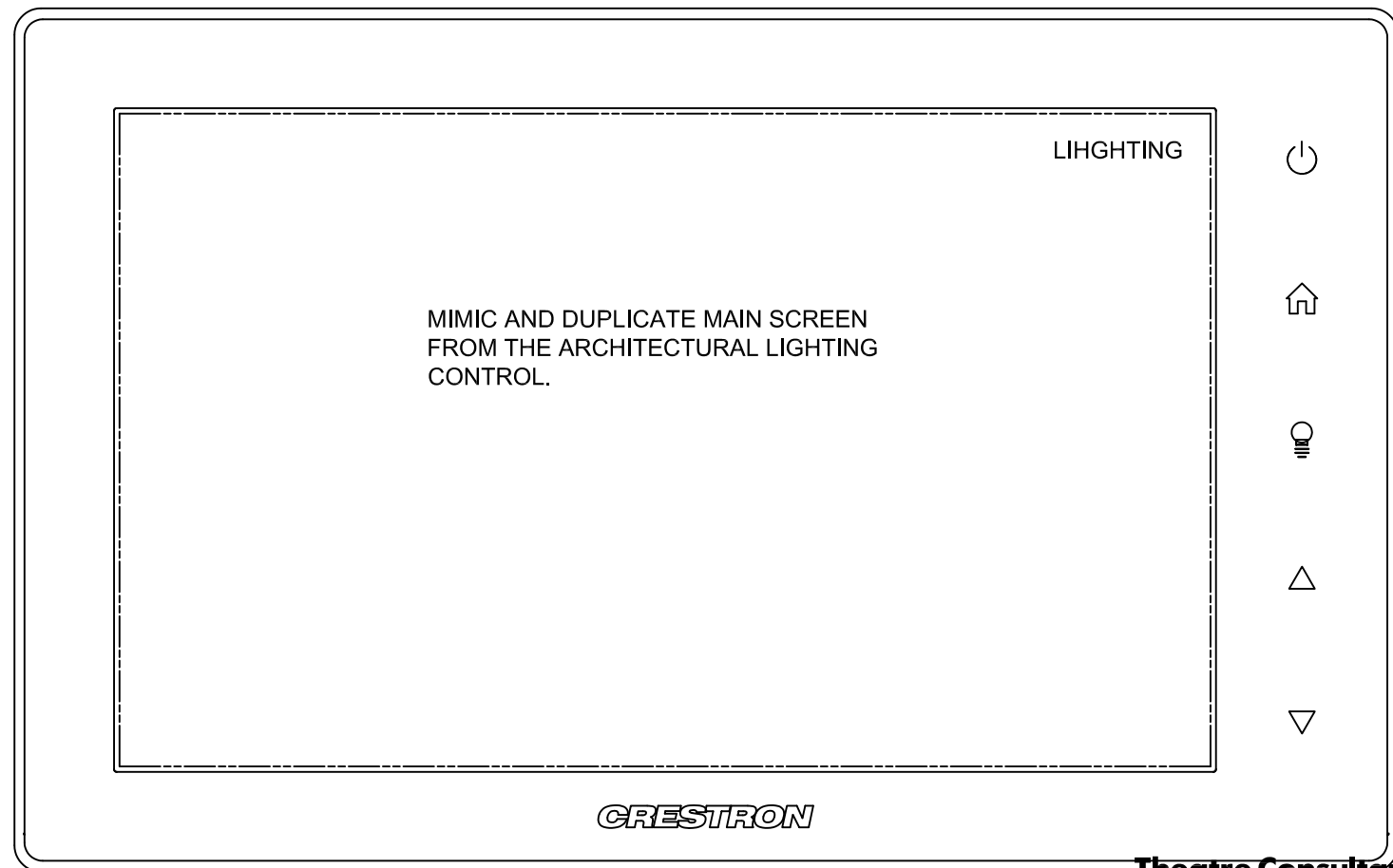


SCREEN LAYOUT
SCREEN: AUTOMIXER

SOURCES ARE
STAGE LEFT BOX 1-16
STAGE RIGHT BOX 1-16



SCREEN LAYOUT
SCREEN: PROJECTOR



SCREEN LAYOUT
SCREEN: LIGHTING

PERFORMANCE SOUND - CONTROL SCREENS
SCALE: NTS

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STATE PROJECT NO. H27-D231-JM

PROJECT TITLE: CENTER FOR THE ARTS RENOVATION
USC BEAUFORT CAMPUS

University of South Carolina

CAMPUS PLANNING
AND CONSTRUCTION
COLUMBIA, SC 29208

BUILDING: 1
REV: A
DRAWING: 50002910-2
DATE: 22 MAY 17
DESCRIPTION
Addendum #1

CHECKED BY: CES
ORIG BY: DRAWN BY: DATE: 06/09/2017
OK

SEAL:

US21606

SHEET:

TPL4.0

7 OF 8

SHEET IN SET:

OF