

DRAWING INDEX

CONFERENCE FACILITY RENOVATIONS

ARCHITECTURAL

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PROJECT DATA

NAME : CONFERENCE FACILITY RENOVATIONS
DANVILLE, VA

OWNER : INSTITUTE FOR ADVANCED LEARNING AND RESEARCH

CURRENT BUILDING OCCUPANCY : A-3 ASSEMBLY
B BUSINESS

RENOVATED OCCUPANCY : UNCHANGED

GROSS BUILDING AREA
ALL FLOORS: 93,143 SF (56,719 SF FIRST FLOOR & 36,424 SF SECOND FLOOR)
RENOVATED AREA: 12,429 SF (10,958 SF FIRST FLOOR & 1,471 SF SECOND FLOOR)

FIRE SAFETY PLAN SUPPORTING DATA

APPLICABLE CODE : 2012 VRC VIRGINIA REHABILITATION CODE 301.1.1 PRESCRIPTIVE COMPLIANCE METHOD,
2010 AMERICANS WITH DISABILITIES ACT GUIDELINES,
2014 NEC, 2019 NFPA 13, 2016 NFPA 14, 2019 NFPA 20

602.1 TYPE OF CONSTRUCTION : 2C UNPROTECTED
PERMITTED UNDER 1996 VUSBC VIRGINIA UNIFORM STATEWIDE BUILDING CODE.
ORIGINAL CONSTRUCTION DATE: 2002

1004.1 BUILDING OCCUPANCY LOAD FACTORS
BUSINESS 1 PERSON/ 100 SF
ASSEMBLY 1 PERSON/ 7 SF

TOTAL OCCUPANCY LOAD (UNCHANGED - RENOVATIONS DO NOT AFFECT BUILDING OCCUPANCY)
BUILDING TOTAL: FIRST FLOOR: 1,676 PEOPLE (460 BUSINESS + 1,216 ASSEMBLY)
+ SECOND FLOOR: 348 PEOPLE BUSINESS
2,024 PEOPLE TOTAL

RENOVATED AREA: FIRST FLOOR: 1,242 PEOPLE (26 BUSINESS + 1,216 ASSEMBLY)
+ SECOND FLOOR: 15 PEOPLE BUSINESS
1,257 PEOPLE TOTAL

1016.1 MAXIMUM LENGTH OF EXIT ACCESS TRAVEL
NON-PROTECTED 300 FEET

LIFE SAFETY SYSTEMS:
EXIT SIGNS, SMOKE DETECTORS, FIRE ALARM, SPRINKLER SYSTEM, AND EMERGENCY LIGHTING

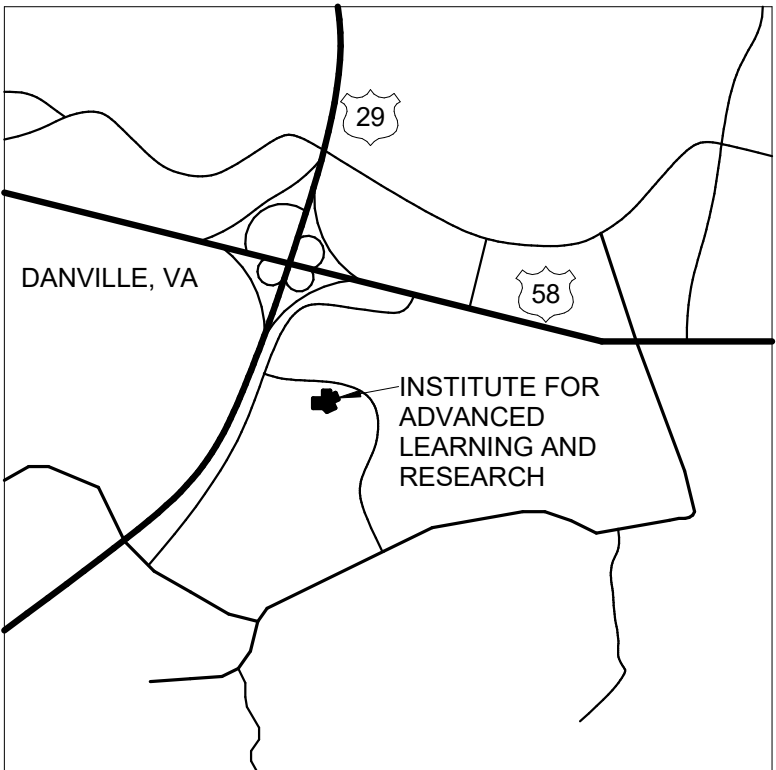
2902.1 MINIMUM NUMBER OF FIXTURES: NO NEW FIXTURES REQUIRED DUE TO UNCHANGED BUILDING OCCUPANT LOAD.

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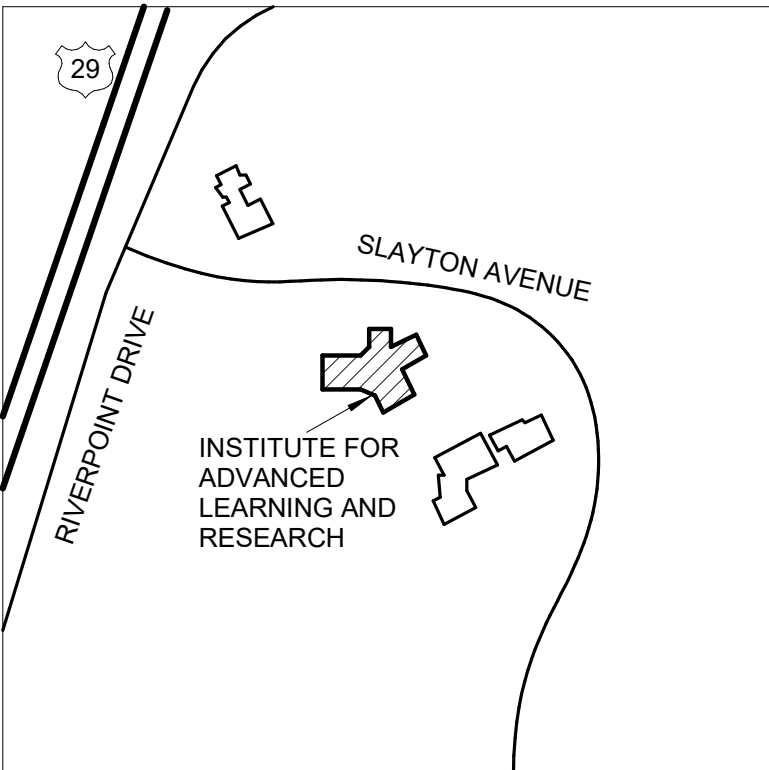
CONFERENCE FACILITY RENOVATIONS

PROJECT NO. 885-18321-000

150 SLAYTON AVENUE
DANVILLE, VIRGINIA 24540



LOCATION MAP



VICINITY MAP

100% DESIGN SUBMITTAL

PROJECT INFORMATION

OWNER

OWNER: INSTITUTE FOR ADVANCED LEARNING AND RESEARCH
ADDRESS: 150 SLAYTON AVENUE, DANVILLE, VA 24540
TEL NO: 434.797.4497
EMAIL: ROBIN.BARKER@IALR.ORG
CONTACT: ROBIN BARKER, GRANT & CONTRACT MANAGER

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DANVILLE, VA 24540
TEL: 434.797.4497
FAX: 434.797.4341

ENGINEERS

DEWBERRY ENGINEERS, INC. (RALEIGH)
2610 WYCLIFF ROAD, SUITE 410
RALEIGH, NC 27607
TEL: 919.881.9939
FAX: 919.851.9923
ELECTRICAL: WILLIAM A. KEMP, P.E.

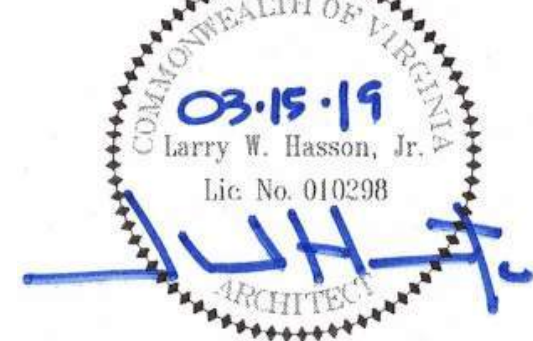
March 15, 2019



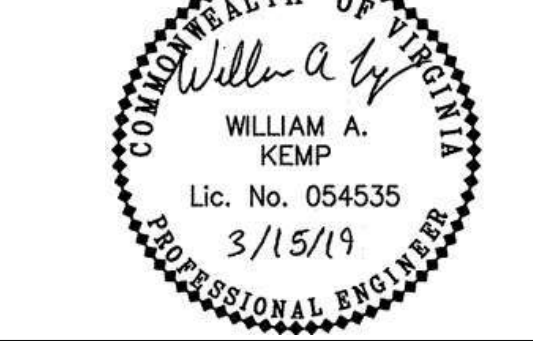
551 Piney Forest Road
Danville, VA 24540
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ARCHITECT



ELECTRICAL

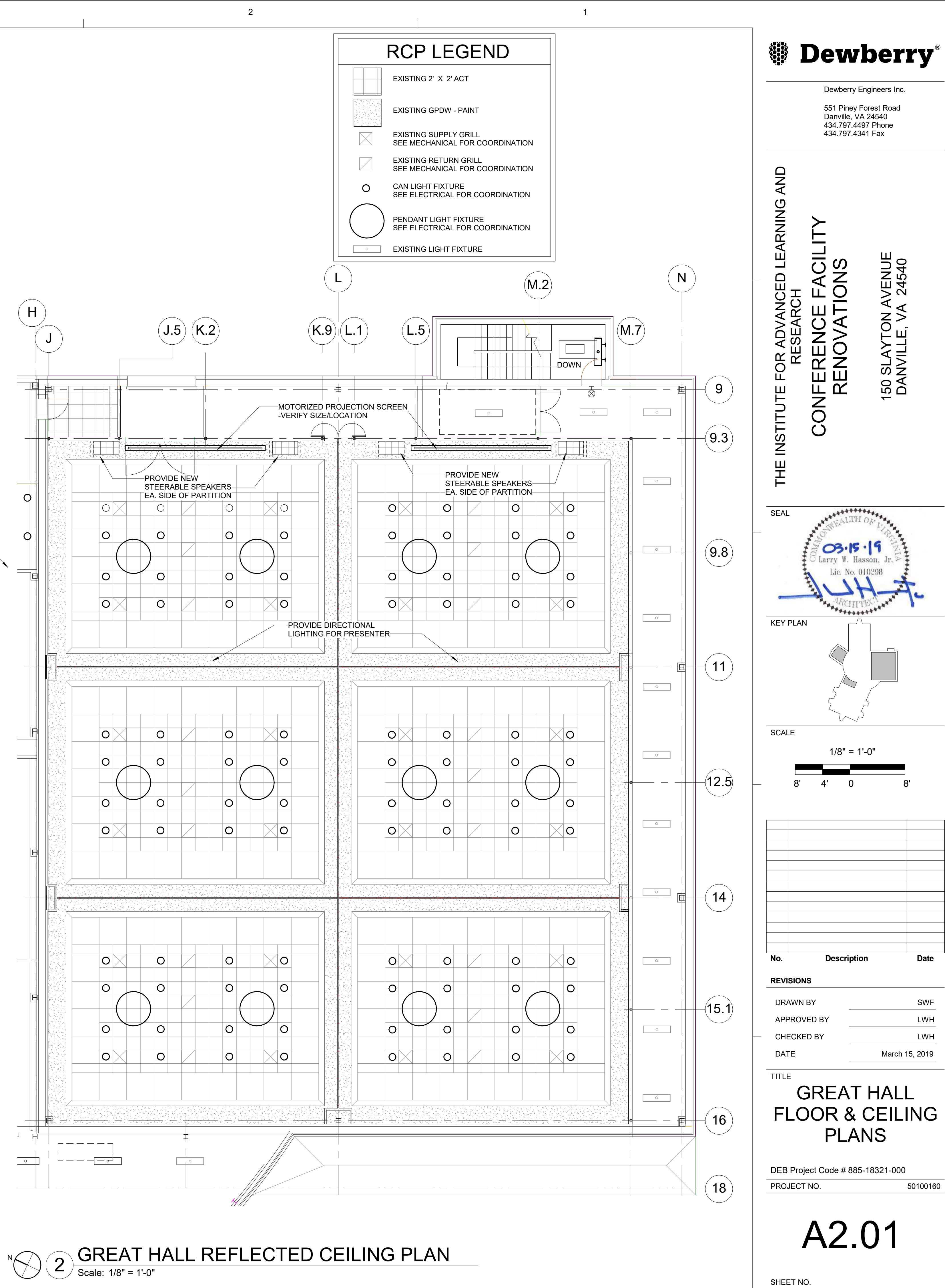
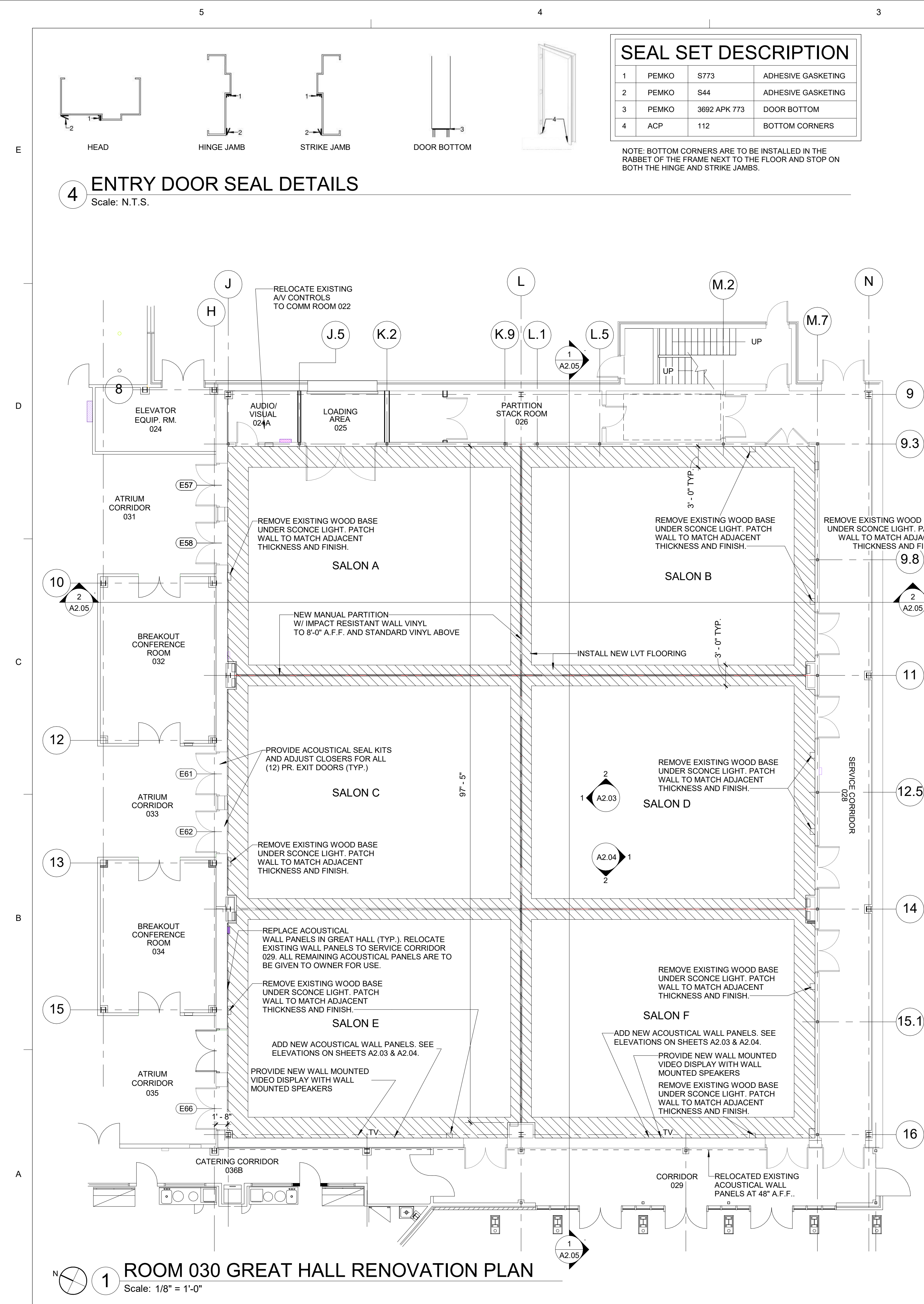


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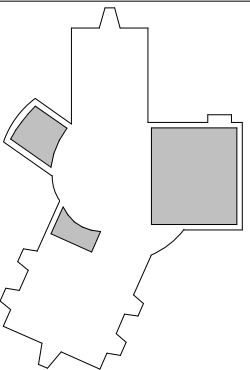
Project No. 50100160

March 15, 2019

SUBMISSION DATE



150 SLAYTON AVENUE
DANVILLE, VA 24540

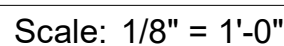


8' 4' 0 8

DATE March 15, 2019

PROJECT NO.	50100160
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SHEET NO.



FABRIC ACOUSTICAL PANELS:
 PANEL FABRIC 1:
 MANUFACTURER: EYKON
 PATTERN NAME: ZOETIC
 COLOR: NIMBLE CLOUD
 PATTERN NUMBER: UHV-ZC-01
 PANEL FABRIC 2:
 MANUFACTURER: DESIGN TEX
 PATTERN NAME: LINEN LIKE
 COLOR: COOL GREY
 PATTERN NUMBER: 3928-802

Scale: 1/8" = 1'-0"

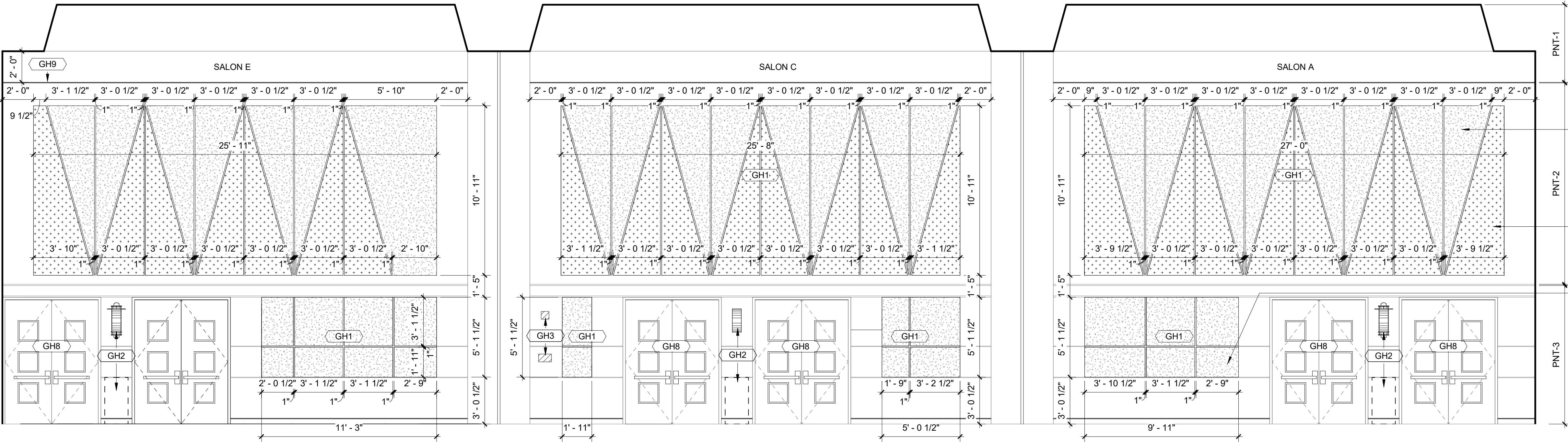
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D

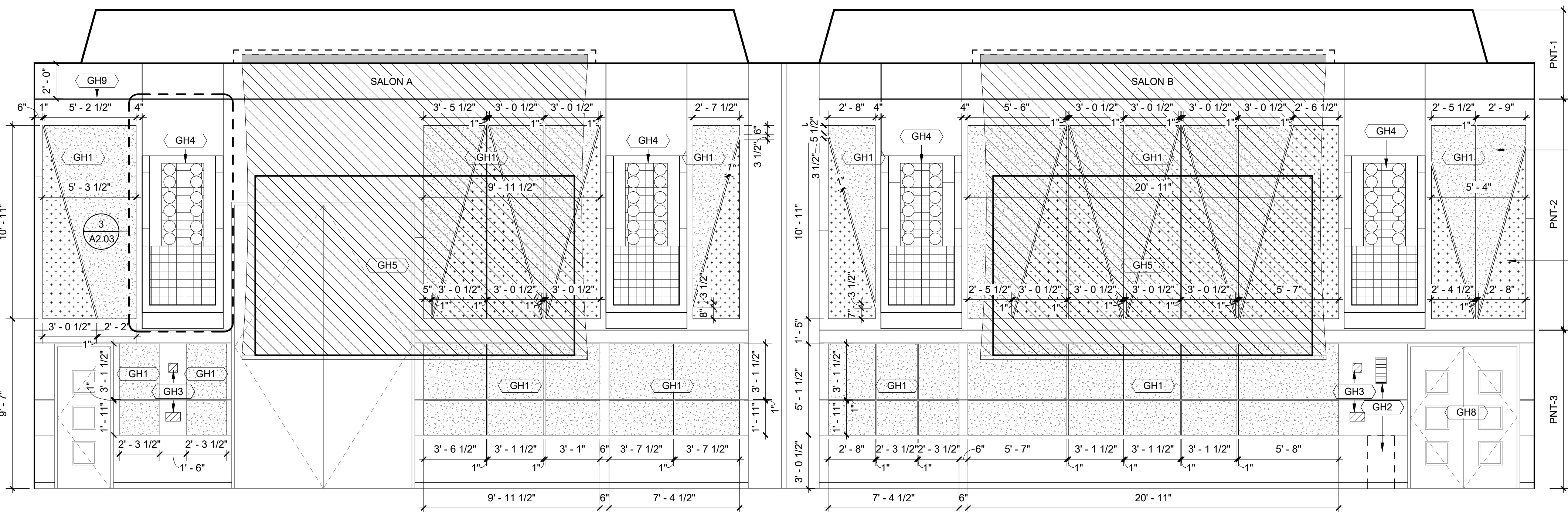
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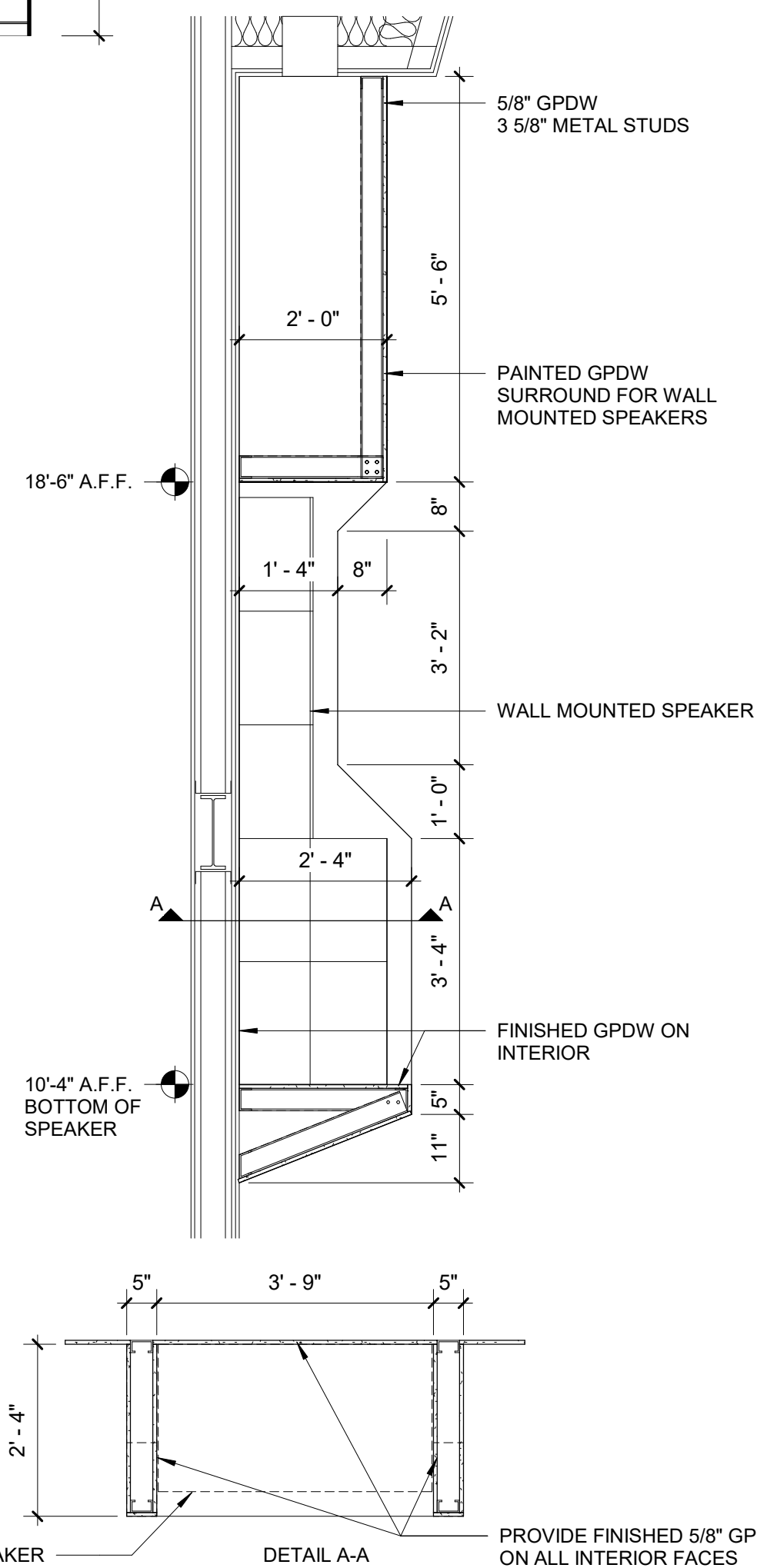
A



1 GREAT HALL NORTH ELEVATION
Scale: 1/4" = 1'-0"



2 GREAT HALL EAST ELEVATION
Scale: 1/4" = 1'-0"



3 SPEAKER ENCLOSURE DETAIL
Scale: 1/2" = 1'-0"

KEYNOTES PER SHEET	
NOTE	DESCRIPTION
GH1	2" ACOUSTICAL WALL PANEL
GH2	WALL-MOUNTED SCONCE LIGHT. COORDINATE W/ ELECTRICAL. DEMO EXISTING WOOD PEDESTAL. PATCH, PREP & PAINT WALL TO MATCH ADJACENT THICKNESS AND FINISH.
GH3	WALL-MOUNTED CAMERA & TOUCHSCREEN. COORDINATE W/ AV DRAWINGS.
GH4	WALL-MOUNTED SPEAKERS. COORDINATE W/ AV DRAWINGS.
GH5	CEILING-MOUNTED PROJECTOR SCREEN. COORDINATE W/ AV DRAWINGS.
GH8	PROVIDE NEW ACOUSTIC DOOR SEAL KIT.
GH9	1/2" REVEAL AROUND ENTIRE PERIMETER OF ROOM.



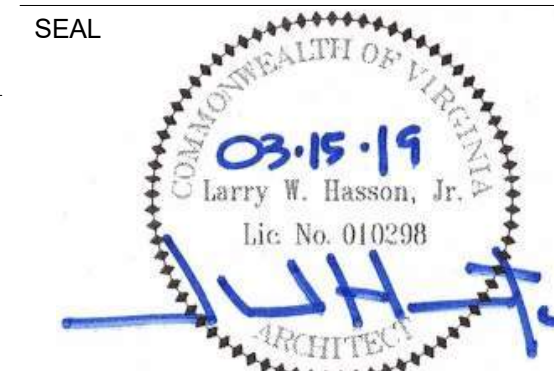
Dewberry Engineers Inc.

551 Piney Forest Road
Danville, VA 24540
434.797.4497 Phone
434.797.4341 Fax

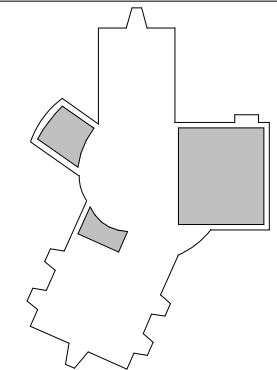
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DANVILLE, VA 24540

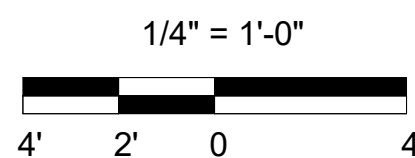
SEAL



KEY PLAN



SCALE



No.	Description	Date

REVISIONS

DRAWN BY	SWF
APPROVED BY	LWH
CHECKED BY	SWF
DATE	March 15, 2019

TITLE

GREAT HALL
ELEVATIONS

DEB Project Code # 885-18321-000

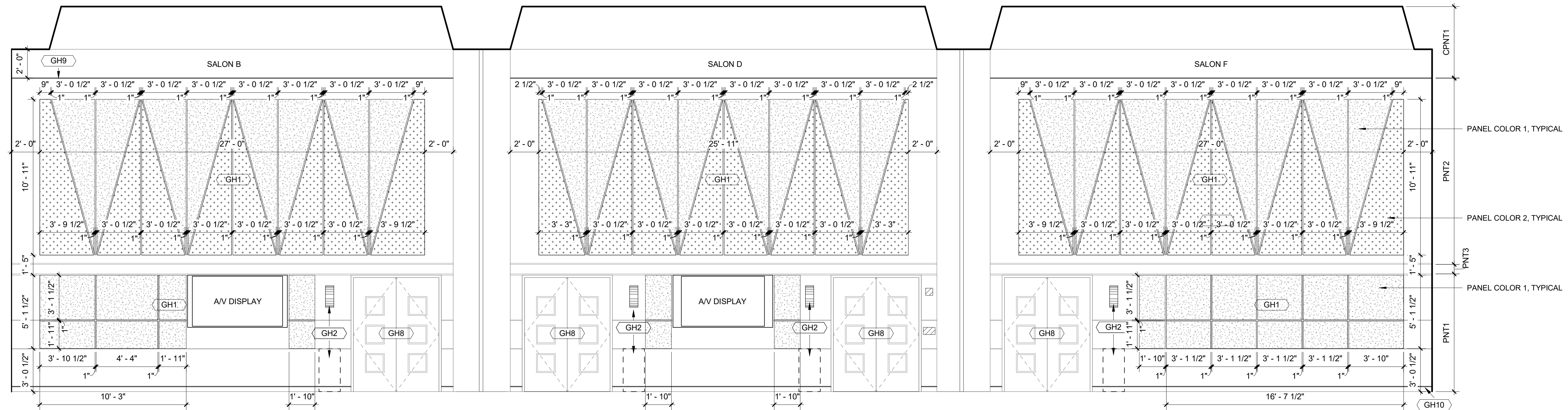
PROJECT NO.

50100160

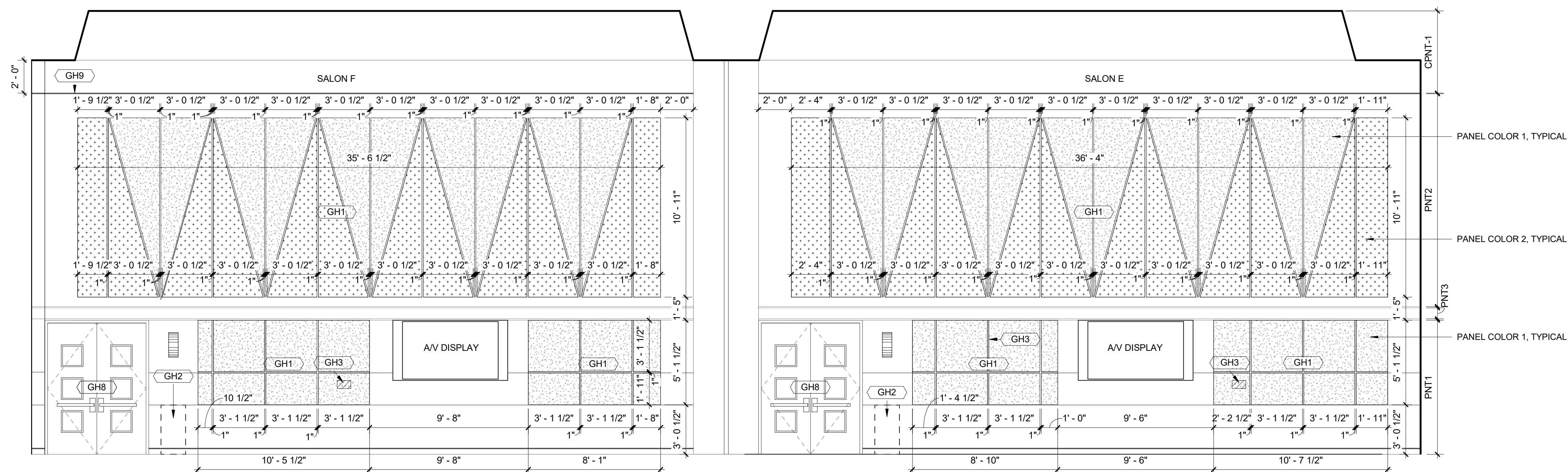
SHEET NO.

A2.03

KEYNOTES PER SHEET	
NOTE	DESCRIPTION
GH1	2" ACOUSTICAL WALL PANEL
GH2	WALL-MOUNTED SCONCE LIGHT. COORDINATE W/ ELECTRICAL. DEMO EXISTING WOOD PEDESTAL. PATCH, PREP & PAINT WALL TO MATCH ADJACENT THICKNESS AND FINISH.
GH3	WALL-MOUNTED CAMERA & TOUCHSCREEN. COORDINATE W/ A/V DRAWINGS.
GH8	PROVIDE NEW ACOUSTIC DOOR SEAL KIT.
GH9	1/2" REVEAL AROUND ENTIRE PERIMETER OF ROOM.
GH10	NEW RUBBER BASE. TYPICAL.



1 GREAT HALL SOUTH ELEVATION



2 GREAT HALL WEST ELEVATION



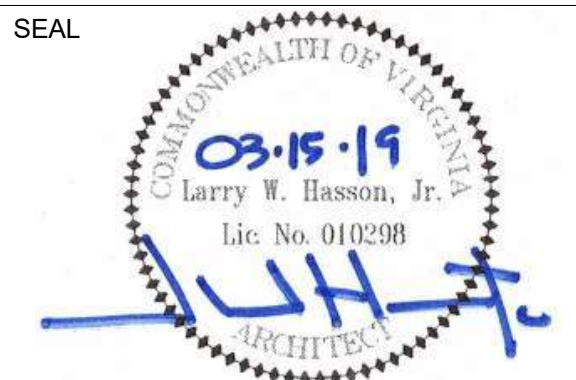
Dewberry Engineers Inc.

551 Piney Forest Road
Danville, VA 24540
434.797.4497 Phone
434.797.4341 Fax

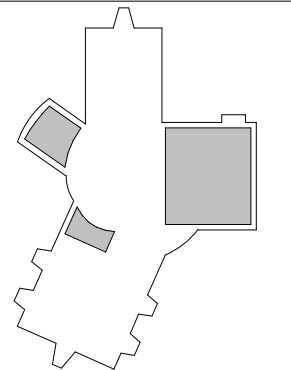
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RENOVATIONS

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DANVILLE, VA 24540

SEAL



KEY PLAN



SCALE

$$1/4" = 1'-0"$$
[illegible]

No.	Description	Date
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REVISIONS

DRAWN BY SWF

APPROVED BY LWH

CHECKED BY SWF

DATE March 15, 2019

TITLE

GREAT HALL ELEVATIONS

DEB Project Code # 885-18321-000

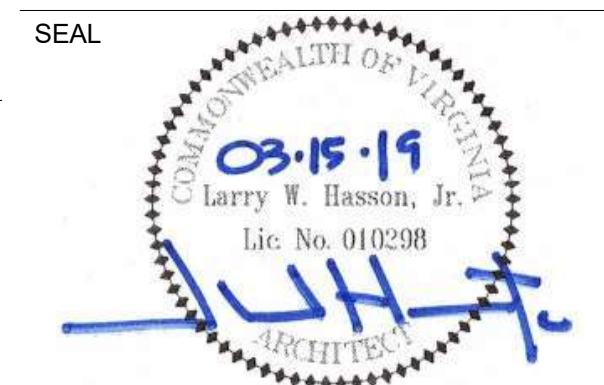
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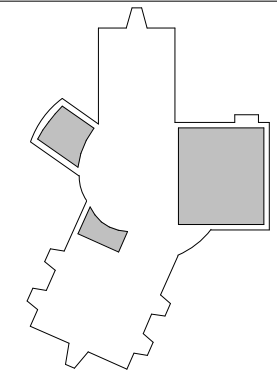
SHEET NO.

THE INSTITUTE FOR ADVANCED LEARNING AND
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RENOVATIONS

150 SLAYTON AVENUE
DANVILLE, VA 24540



KEY PLAN



SCALE

As indicated

[illegible]

No.	Description	Date
REVISIONS		
DRAWN BY		Author
APPROVED BY		Approver
CHECKED BY		Checker
DATE		March 15, 2019

TITLE

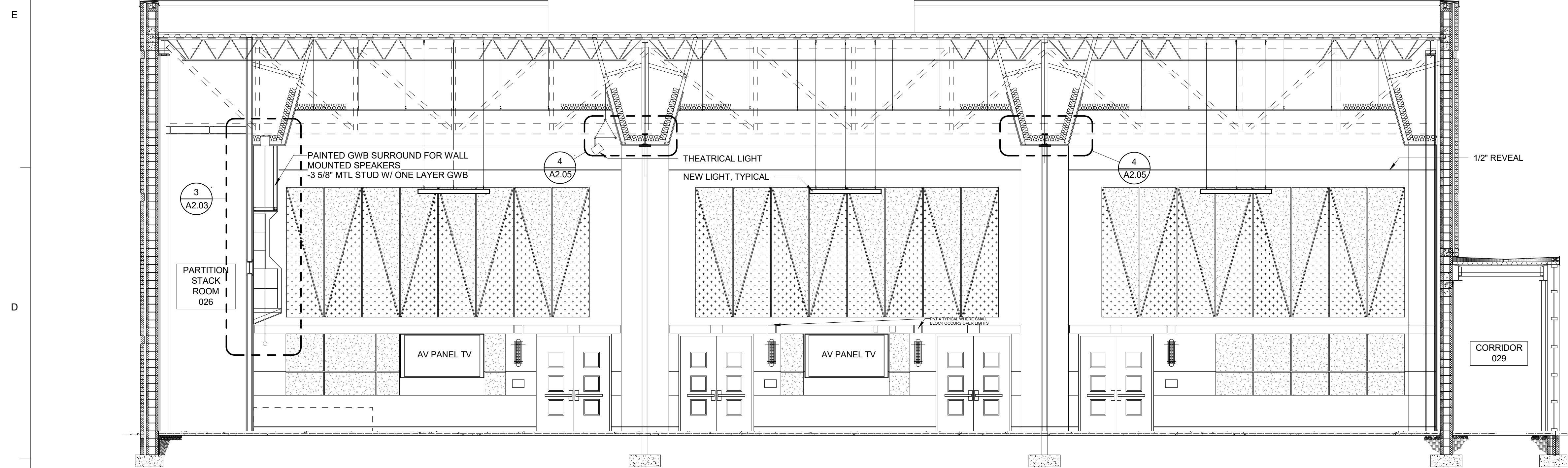
GREAT HALL SECTIONS

DEB Project Code # 885-18321-000

PROJECT NO. 50100160

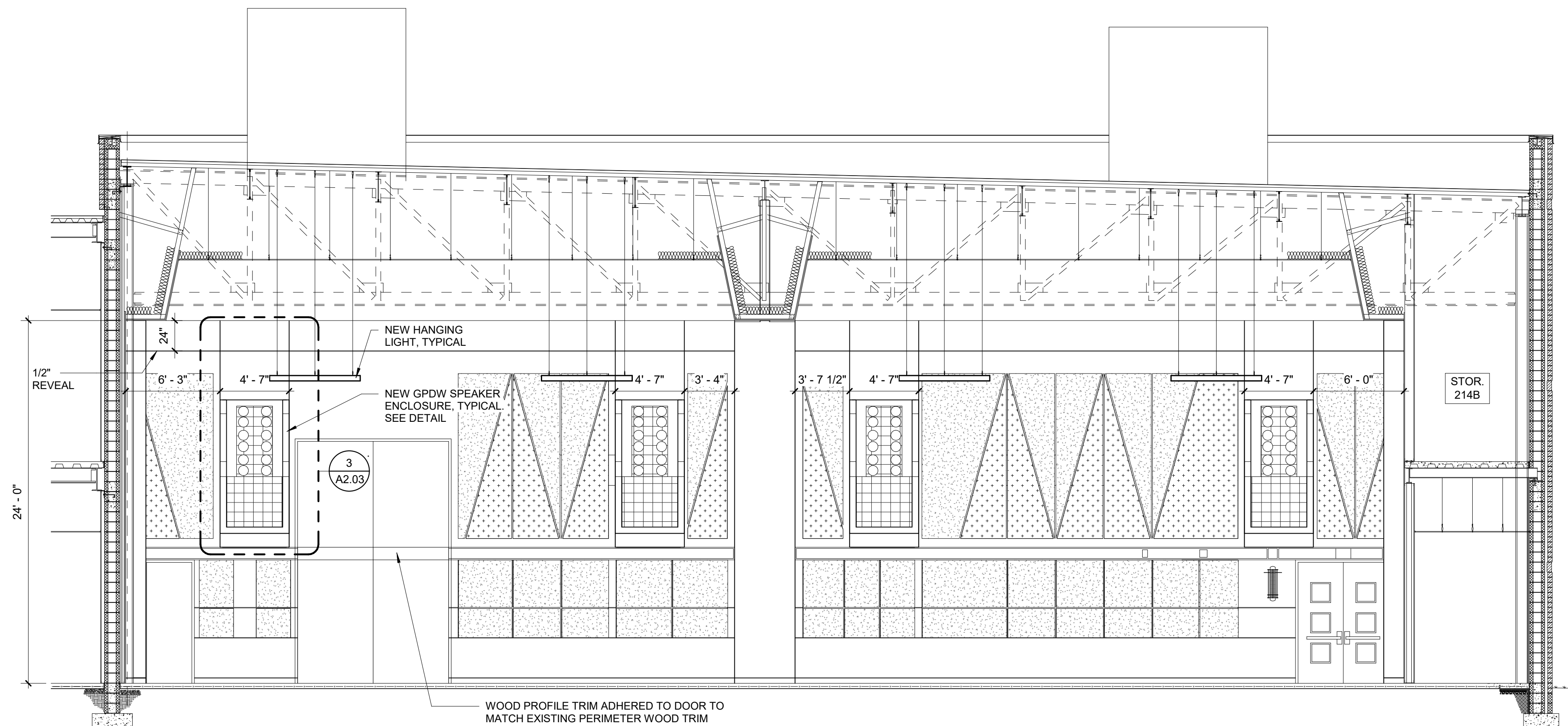
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SHEET NO.



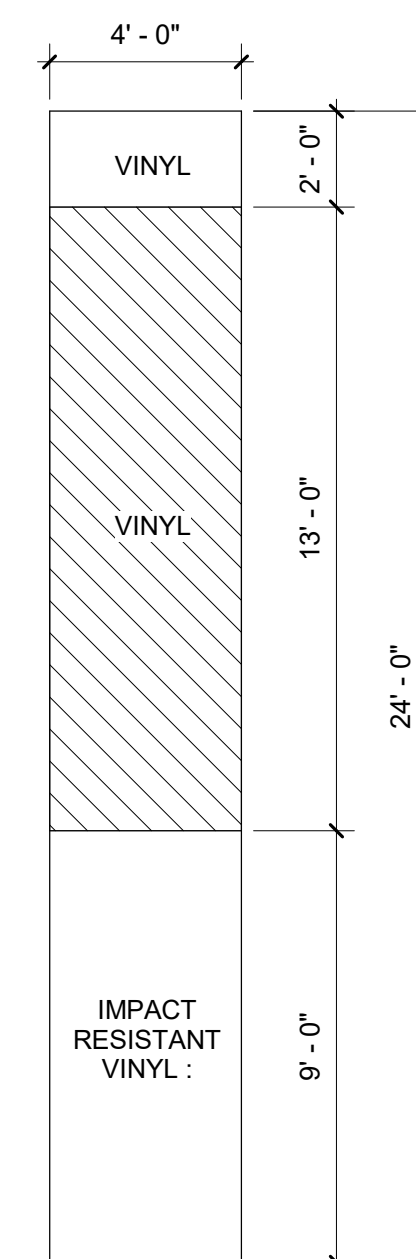
1 GREAT HALL LONGITUDINAL SECTION

Scale: 3/16" = 1'-0"



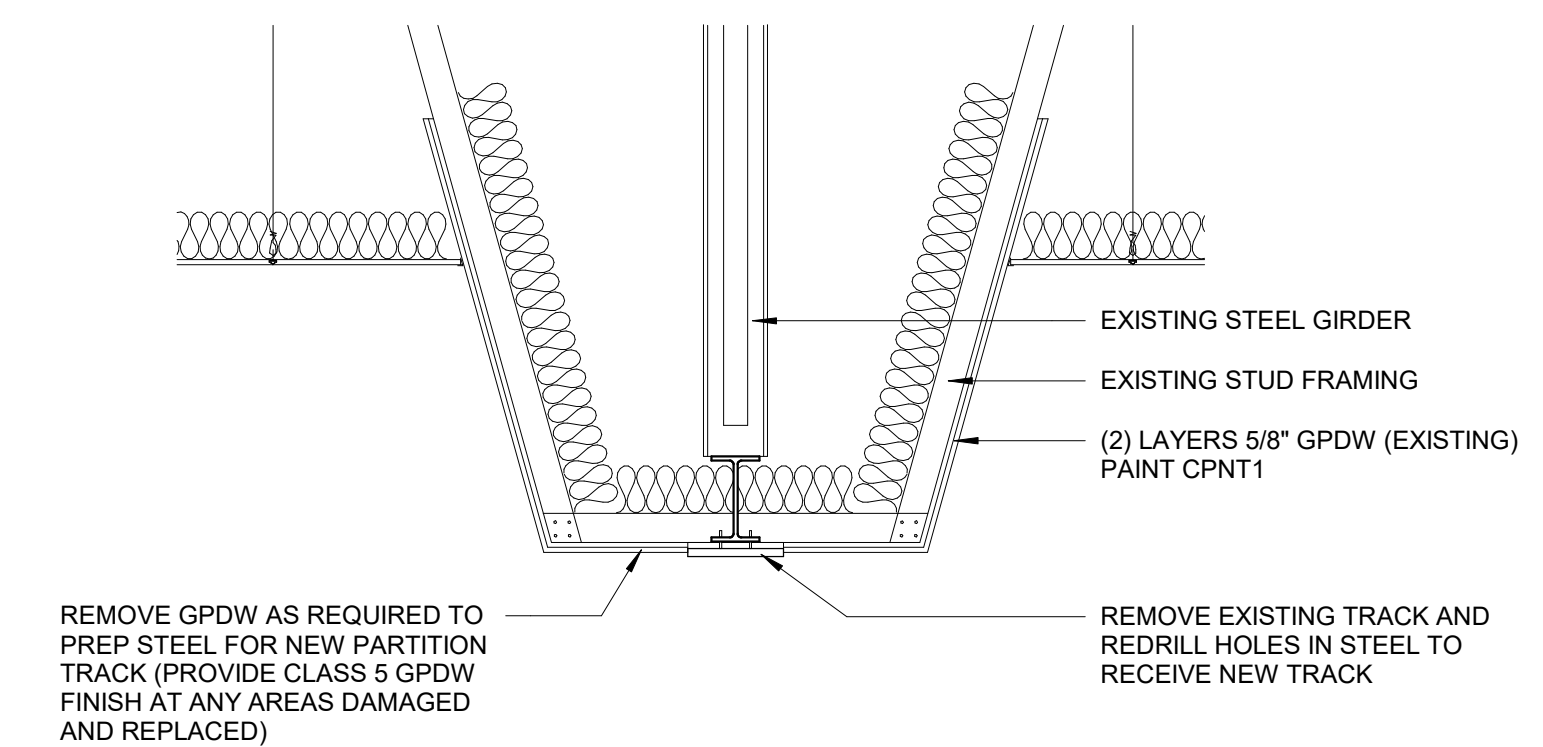
2 GREAT HALL TRANSVERSE SECTION

Scale: 3/16" = 1'-0"



SEE FINISH LIST SHEET A2.02

3 TYPICAL MOVEABLE PARTITION PROFILE

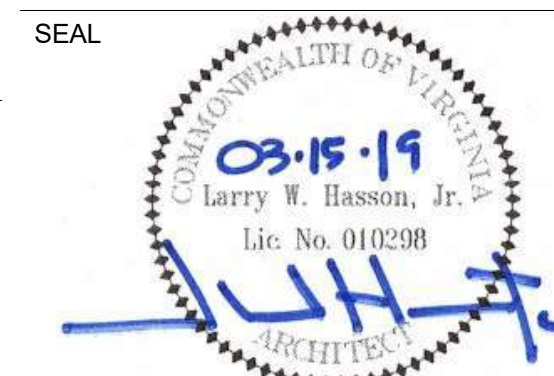


4 PARTITION TRACK DETAIL

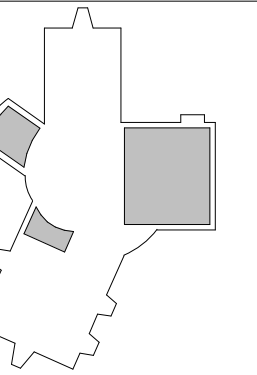
Scale: 1/2" = 1'-0"

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RENOVATIONS

150 SLAYTON AVENUE
DANVILLE, VA 24540



KEY PLAN



SCALE

as indicated

[illegible]

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CHECKED BY		SWF
DATE	March 15, 2019	

TITLE

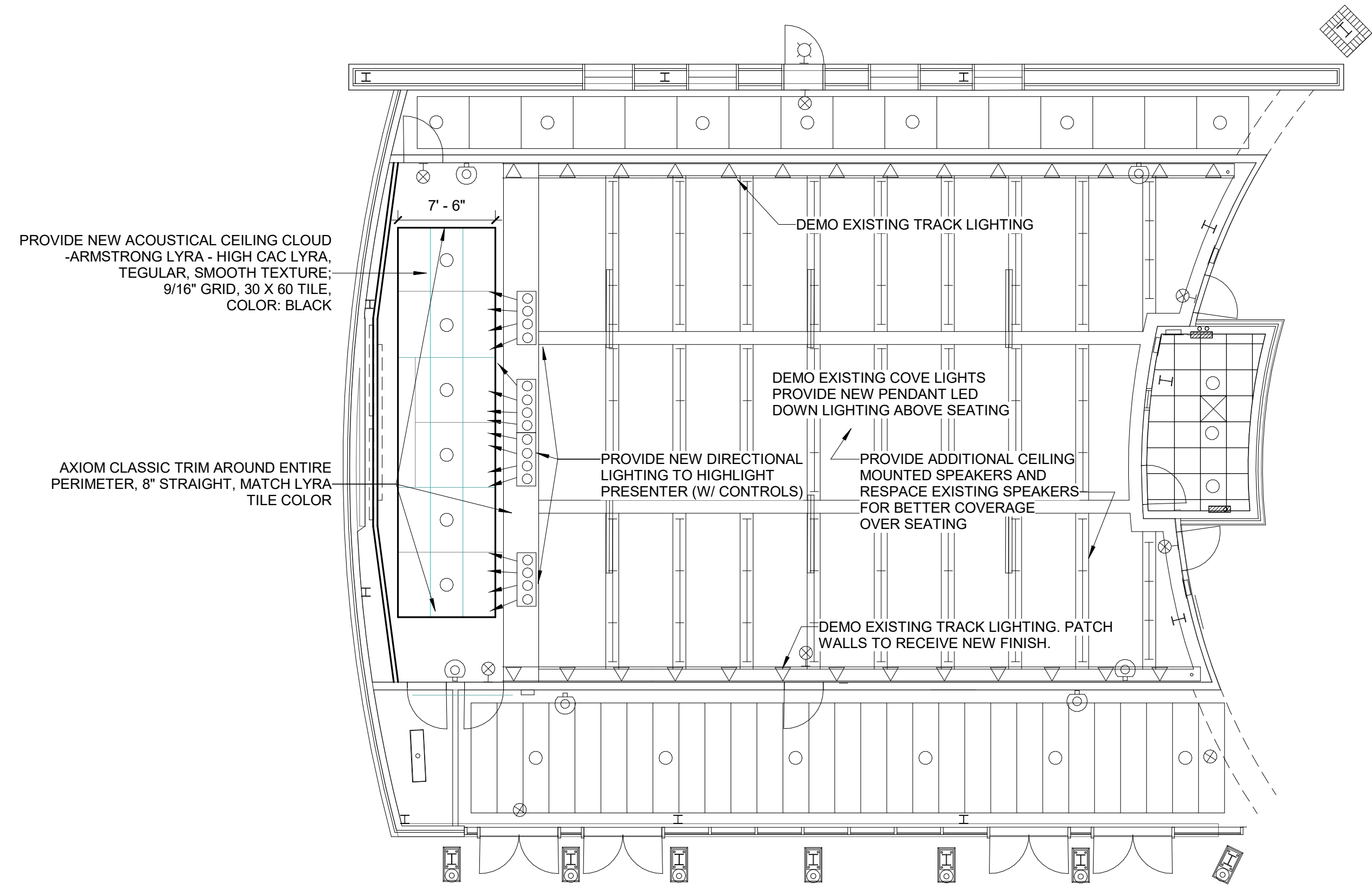
EXECUTIVE AUDITORIUM RENOVATION PLANS

DEB Project Code # 885-18321-000

PROJECT NO.	50100160
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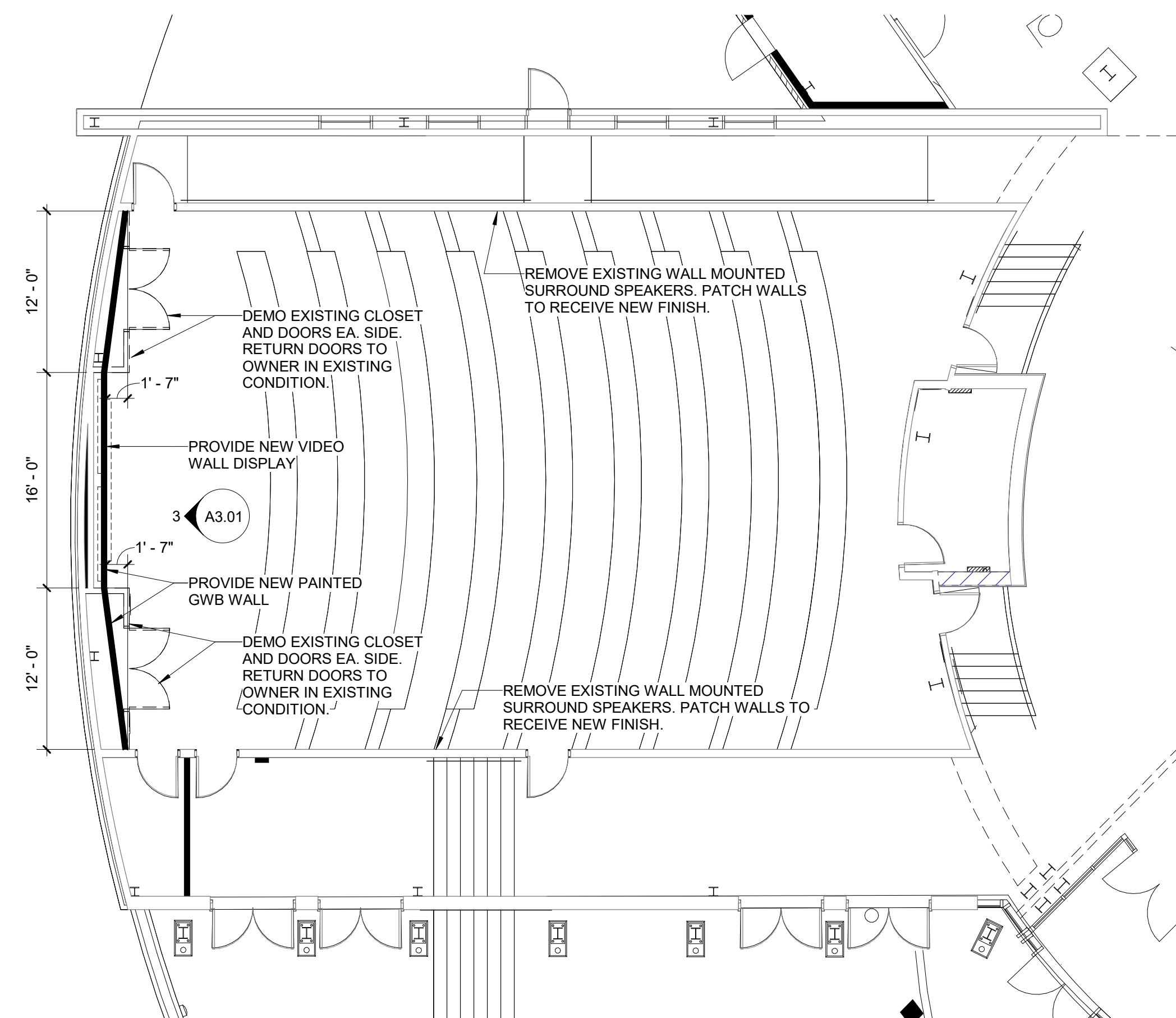
A3.01

SHEET NO.

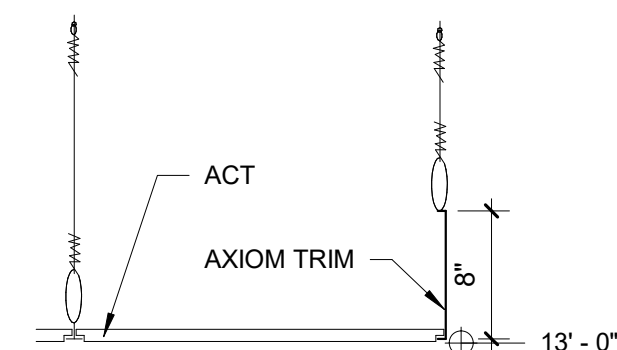




EXECUTIVE AUDITORIUM - REFLECTED CEILING PLAN
 Scale: 1/8" = 1'-0"

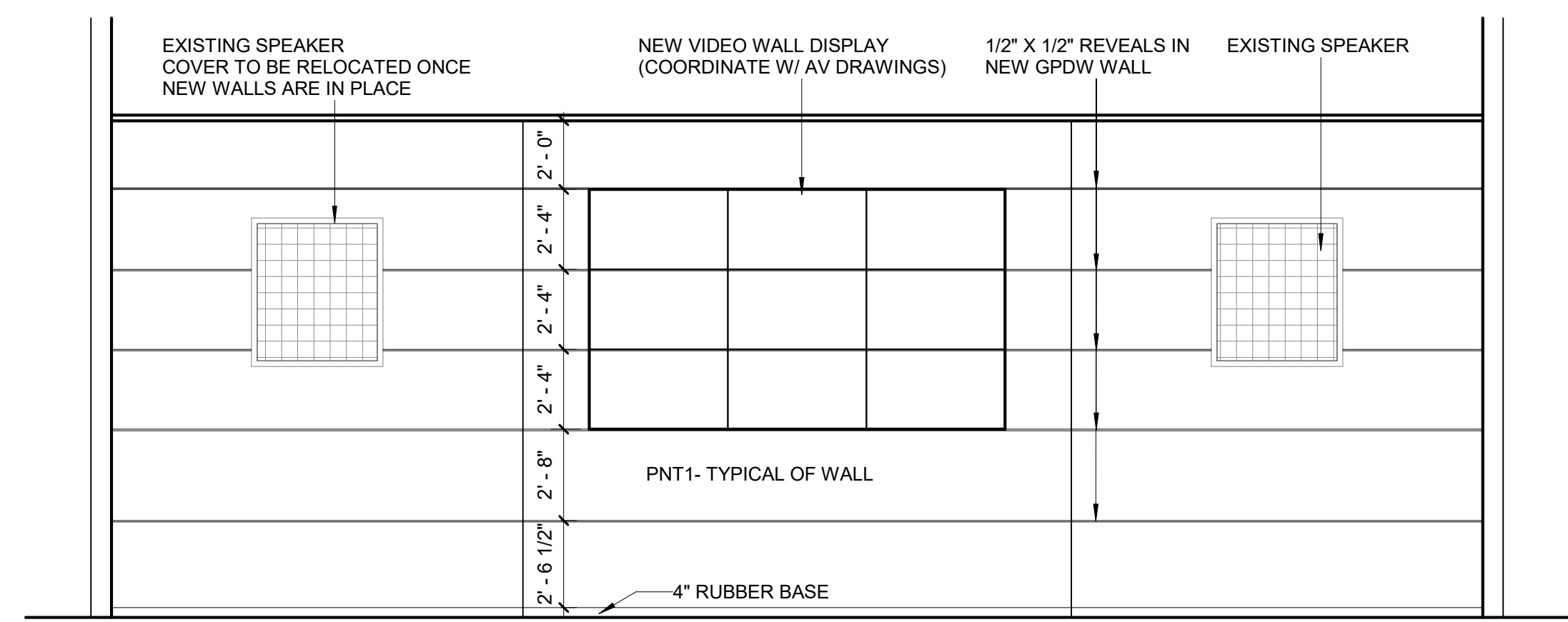


 **1** EXECUTIVE AUDITORIUM PLAN
Scale: 1/8" = 1'-0"



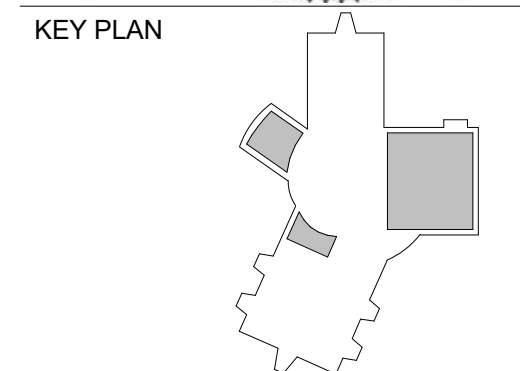
4 AXIOM TRIM DETAIL

Scale: 1" = 1'-0"



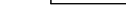
3 EXECUTIVE AUDITORIUM - ELEVATION

Scale: 1/4" = 1'-0"



SCALE

$\frac{1}{4}" = 1'-0"$



A horizontal scale bar with alternating black and white segments. The segments are labeled from left to right as 4', 2', 0, and 4'. The total length of the bar represents 8 feet.

[illegible]

No.	Description	Date
REVISIONS		
DRAWN BY		ANS
APPROVED BY		LWH
CHECKED BY		SWF
DATE	March 15, 2019	

TITLE

EXECUTIVE
AUDITORIUM
SECTIONS

DEB Project Code # 885-18321-000

PROJECT NO. 50100160

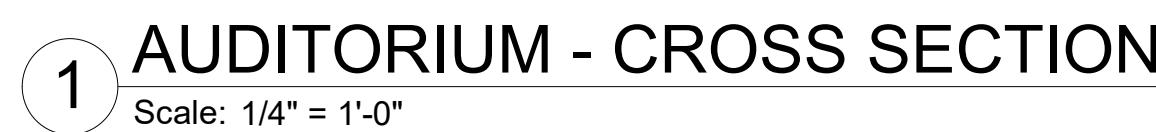
A3.02

SHEET NO.



FABRIC ACOUSTICAL PANELS:
PANEL FABRIC: EYKON- INTREPID UHM-IT-05

EXECUTIVE AUDITORIUM FINISH FLOOR
3'-8" BELOW FINISH FLOOR



ELECTRICAL LEGEND

FLOOR MOUNTED	WALL MOUNTED	CEILING MOUNTED	ITEM DESCRIPTION
			LIGHT FIXTURES (USE LETTER DESIGNATION ADJACENT TO LIGHT FIXTURE AND LIGHT FIXTURE SCHEDULE TO DETERMINE THE EXACT TYPE OF FIXTURE AND OTHER CHARACTERISTICS)
			LIGHT FIXTURE WITH EMERGENCY BATTERY PACK
			SIMPLEX RECEPTACLE (SEE NOTE #1)
			DUPLEX RECEPTACLE (SEE NOTE #1)
			QUADRAPLEX RECEPTACLE (SEE NOTE #1)
			PROVIDE A GFI WEATHER RESISTANT TYPE DUPLEX DUPLEX RECEPTACLE WITH AN IN-USE WEATHER PROOF COVER (SEE NOTE #1)
			0-10V SLIDE DIMMER WALL SWITCH (SEE NOTE #2) BASIS OF DESIGN: LUTRON #NTSTV-DV
			0-10V DIMMABLE WALL VACANCY SENSOR (SEE NOTE #2) BASIS OF DESIGN: WATTSTOPPER #CD-250
			LOW VOLTAGE MOMENTARY PUSHBUTTON FOR MANUAL ON CONTROL OF LIGHTING IN CONJUNCTION WITH USE OF CEILING VACANCY SENSOR FOR AUTOMATIC OFF CONTROL OF LIGHTING (SEE NOTE #2) BASIS OF DESIGN: HUBBELL #LVSM1NP (REFER TO DETAIL ON SHEET E4.03)
			SINGLE-POLE WALL SWITCH (SEE NOTE #2)
			THREE-WAY WALL SWITCH (SEE NOTE #2)
			FOUR-WAY WALL SWITCH (SEE NOTE #2)
			LINE VOLTAGE OCCUPANCY SENSOR WALL SWITCH (SEE NOTE #2)
			LOW VOLTAGE CEILING MOUNTED OCCUPANCY SENSOR (REFER TO SPECIFICATION SECTION 260923)
			LOW VOLTAGE CEILING MOUNTED VACANCY SENSOR (REFER TO DETAIL ON SHEET E4.03)
			120/208V SURFACE MOUNTED PANELBOARD
			JUNCTION BOX
			EQUIPMENT CONNECTION
			ELECTRIC MOTOR, FAN, ETC.
			30A, 3P, 600V FUSED DISCONNECT SWITCH (PROVIDED BY DIV. 26). PROVIDE WITH 20A FUSED OVERCURRENT PROTECTION.
			SWITCHED CIRCUITS
			UNSWITCHED CIRCUITS
			LOW-VOLTAGE CONTROL WIRING (SEE SPECIFICATION SECTION 16752)
			ARROWHEADS INDICATE HOMERUN CIRCUITS UNLESS OTHERWISE NOTED ON THE DRAWINGS

LEGEND NOTES

1. MOUNT AT 20" AFF TO TOP -U.O.N.- ADJUST TO MATCH MASONRY COURSES IF APPLICABLE. MOUNT ALL BOXES TRUE AND PLUMB.
2. MOUNT AT 48" AFF TO TOP - ADJUST TO MATCH MASONRY COURSES IF APPLICABLE. MOUNT ALL BOXES TRUE AND PLUMB.
3. MOUNT ALL PULL STATIONS 48" AFF TO TOP. MOUNT ALL HORN/STROBES, STROBES, AND REMOTE ALARM INDICATORS 84" AFF TO BOTTOM. ADJUST ALL MOUNTING HEIGHTS TO MATCH MASONRY COURSES IF APPLICABLE. MOUNT ALL BOXES TRUE AND PLUMB.

ABBREVIATIONS

AMPS	JB	JUNCTION BOX
ACT ACOUSTICAL CEILING TILE	KW	KILOWATT
AFF ABOVE FINISHED FLOOR	KVA	KILOVOLT AMP
BAS BUILDING AUTOMATION SYSTEM	MC/HC	MECH./HVAC CONTRACTOR (DIV. 23)
C CONDUIT	MCB	MAIN CIRCUIT BREAKER
CB CIRCUIT BREAKER	MDP	MAIN DISTRIBUTION PANEL
CKT CIRCUIT	MLO	MAIN LUGS ONLY
DDC DIRECT DIGITAL CONTROL (HVAC)	NEC	NATIONAL ELECTRIC CODE
EC ELECTRICAL CONTRACTOR (DIV. 26)	NEMA	NATIONAL ELECTRICAL MANUF. ASSOC.
ECB ENCLOSED CIRCUIT BREAKER	NACP	NOTIFICATION APPLIANCE CIRCUIT PANEL
EF EXHAUST FAN	N	NEUTRAL
EM EMERGENCY	NF	NON-FUSED
E EXISTING	NTS	NOT TO SCALE
FACP FIRE ALARM CONTROL PANEL	PC	PLUMBING CONTRACTOR (DIV. 22)
FAAP FIRE ALARM ANNUNCIATOR PANEL	PMP	PUMP
FATC FIRE ALARM TERMINAL CABINET	R	RECEPTACLE
FCU FAN COIL UNIT	RGS	RIGID GALVANIZED STEEL
G GROUNDING CONDUCTOR	REL	RELOCATE(D) EQUIPMENT
GC GENERAL CONTRACTOR	R	REMOVE(D) EQUIPMENT
GN GROUNDED NEUTRAL	TU	TERMINAL UNIT
GFCI GROUND FAULT CIRCUIT INTERRUPTER	UH	UNIT HEATER
GND GROUND	UON	UNLESS OTHERWISE NOTED
HP HORSEPOWER	UV	UNIT VENTILATOR

GENERAL DEMOLITION NOTES

1. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE PRE-EXISTING CONDITIONS PRIOR TO SUBMISSION OF BID.
2. ITEMS SCHEDULED FOR DEMOLITION ARE IDENTIFIED BY A HEAVY CONTINUOUS LINE TYPES ON DEMOLITION PLANS. ITEMS SCHEDULED TO REMAIN ARE IDENTIFIED BY A THIN CONTINUOUS LINE TYPE.
3. ALL EXISTING SYSTEMS ARE OPERATIONAL AT THE START OF CONSTRUCTION. CONTRACTOR SHALL REFER TO THE SEQUENCE OF CONSTRUCTION TO DETERMINE THE EXTENT OF DEMOLITION REQUIRED FOR EACH PHASE OF THE PROJECT.
4. CONTRACTOR SHALL PROTECT ALL EXISTING ELECTRICAL, FIRE ALARM, SECURITY, AND TELECOMMUNICATIONS EQUIPMENT AND INSTALLATIONS NOT ASSOCIATED WITH THIS PROJECT. IF DAMAGED OR DISTURBED IN THE COURSE OF THE WORK, REMOVE DAMAGED PORTIONS AND INSTALL NEW PRODUCTS OF EQUAL CAPACITY, QUALITY AND FUNCTIONALITY.
5. CONTRACTOR SHALL REMOVE LIGHTING FIXTURES ALONG WITH ASSOCIATED RACEWAYS AND CONDUCTORS BACK TO PREVIOUS DEVICE OR JUNCTION BOX UNLESS OTHERWISE NOTED. CONTRACTOR SHALL REUSE EXISTING RACEWAY AND BOXES IN PLACE WHERE APPLICABLE FOR NEW CONSTRUCTION. CONTRACTOR SHALL PROVIDE UPSTREAM AND DOWNSTREAM CONDUCTORS AND EXTEND RACEWAYS AS REQUIRED TO MAINTAIN SERVICE TO EXISTING LIGHTS NOT ASSOCIATED WITH THIS PROJECT. DAMAGED LIGHT FIXTURES SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
6. CONTRACTOR SHALL REMOVE HVAC EQUIPMENT DISCONNECTS, STARTERS, DEVICES, AND CONTROLS ALONG WITH ASSOCIATED RACEWAYS AND CONDUCTORS BACK TO PREVIOUS DEVICE OR JUNCTION BOX UNLESS OTHERWISE NOTED. CONTRACTOR SHALL PROVIDE UPSTREAM AND DOWNSTREAM CONDUCTORS AND EXTEND RACEWAYS AS REQUIRED TO MAINTAIN SERVICE TO EXISTING HVAC EQUIPMENT NOT ASSOCIATED WITH THIS PROJECT. REFER TO DRAWINGS FOR HVAC ITEMS THAT SHALL BE REMOVED.
7. PRIOR TO ANY PROJECT DEMOLITION OR ABATEMENT FOR EACH PHASE, CONTRACTOR SHALL VERIFY NORMAL OPERATION OF THE CURRENT FIRE ALARM SYSTEM, PROVIDE SENSITIVITY REPORT FOR ALL EXISTING DEVICES, PROVIDE COMPLETE ADDRESS LISTING FOR ALL DEVICES, AND PROVIDE AIR TIGHT PROTECTIVE MEASURES TO PROTECT THE EXISTING DEVICES THAT ARE INDICATED TO REMAIN. REFER TO DRAWINGS FOR ITEMS THAT SHALL REMAIN. REFER TO MANUFACTURER FOR METHOD OF AIR TIGHT PROTECTION (I.E. LATEX GLOVE, CLEAR WRAP, ETC.) CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY DEFICIENCIES IN THE FIRE ALARM SYSTEM.
8. CONTRACTOR SHALL CUT OFF OUT OF SIGHT, CAP, AND ABANDON IN PLACE ALL UNUSED DEMOLISHED CONDUITS THAT CANNOT BE REMOVED.
9. CONTRACTOR IS RESPONSIBLE FOR REMOVING DEMO MATERIAL FROM PROJECT SITE AND DISPOSING OF PROPERLY. THE CONTRACTOR SHALL TURN OVER TO OWNER AFTER REMOVAL ANY EQUIPMENT THAT THE OWNER REQUEST TO SALVAGE.

GENERAL PLAN NOTES

1. ALL ELECTRICAL WORK SHALL COMPLY WITH APPLICABLE CODES AND THE GOVERNMENTAL AUTHORITIES HAVING JURISDICTION. COORDINATE ALL WORK OTHER OWNER.
2. VERIFY LOCATION AND DIMENSIONS OF ALL EQUIPMENT AND COORDINATE ALL WORK PRIOR TO THE START OF CONSTRUCTION.
3. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE PRE-EXISTING CONDITIONS PRIOR TO SUBMISSION OF BID.
4. CONTRACTOR SHALL PROVIDE CONDUCTORS AND EXTEND RACEWAYS AS REQUIRED FOR CONNECTION TO NEW LIGHTING FIXTURES. REFER TO DRAWINGS FOR LIGHTING FIXTURE LOCATIONS, CIRCUIT DESTINATIONS, AND SWITCHING LOCATIONS.
5. CONTRACTOR SHALL PROVIDE CONDUCTORS AND RACEWAYS AS REQUIRED FOR CONNECTION TO NEW WIRING DEVICES. REFER TO DRAWINGS FOR NEW DEVICE LOCATIONS AND CIRCUIT DESTINATIONS.
6. CONTRACTOR SHALL PROVIDE BLANK STAINLESS STEEL COVER PLATES FOR ALL EXISTING OUTLET BOXES THAT ARE NOT REUSED.
7. CIRCUITS ARE 2#12, 1#12G, IN 3/4" UNLESS OTHERWISE NOTED.
8. BEFORE INSTALLING EQUIPMENT, CONTRACTOR SHALL MAKE FIELD MEASUREMENTS TO INSURE THAT ALL ITEMS OF EQUIPMENT FURNISHED WILL FIT INTO THE SPACE AS SHOWN ON THE DRAWINGS. WHERE EQUIPMENT WILL NOT FIT AS SHOWN ON THE DRAWINGS, PROVIDE A DRAWING TO THE ENGINEER FOR APPROVAL WITH A PROPOSED REVISED ARRANGEMENT BEFORE INSTALLING THE EQUIPMENT.
9. WHERE THE CONDUCTOR LENGTH FROM THE PANEL TO THE FIRST DEVICE ON A 120V BRANCH CIRCUIT EXCEEDS 50 FEET, BRANCH CIRCUIT CONDUCTORS SHALL NOT BE SMALLER THAN #10 AWG TO THE FIRST DEVICE OR LIGHT FIXTURE.
10. ALL BRANCH CIRCUITS SHALL CONTAIN AN EQUIPMENT GROUNDING CONDUCTOR. ALL EQUIPMENT SHALL BE GROUNDED PER THE NEC.
11. PROVIDE DEDICATED NEUTRAL FOR ALL SINGLE-POLE BRANCH CIRCUITS, UNLESS OTHERWISE NOTED ON PLANS.

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	SIZE	MOUNTING	MANUFACTURER	LAMP	# OF BALLASTS	NOTES	VOLTAGE	VA
A	6" OPEN LED DOWNLIGHT, DMX WITH RDM, SELF-FLANGED SEMI-SPECULAR REFLECTOR, CLEAR TRIM, LENSED LIGHT ENGINE & DRIVER ACCESSIBLE FROM BELOW	13" WIDE 16" LONG 8" HIGH (MAX)	RECESSED IN CEILING	GOTHAM EVO #30/80-6AR-WD-LSS-EDXB THE LIGHT SOURCE #RL SERIES OR APPROVED EQUAL	INTEGRAL LED, 3000K, 80 CRI 8247 DELIVERED LUMENS, 110 LPW	N/A	N/A	120/277	75
B	LED OPEN CIRCULAR DIRECT PENDANT ALUMINUM HOUSING, LENSED DIFFUSER 0-10V DIMMING TO 1%	72" DIA OPEN 4 1/4" HIGH 3 1/4" WIDE	SUSPEND FIXTURES AT 20-40" TO BOTTOM OF FIXTURES	OCL #SL1-P1EM-72-MW-BAL-LED1-30K-DM1 LIGHTART SLR RINGS #LA2 SERIES OR APPROVED EQUAL	INTEGRAL LED, 3000K, 80 CRI 11700 DELIVERED LUMENS, 85 LPW	N/A	N/A	120/277	180
B1	LED OPEN CIRCULAR DIRECT PENDANT ALUMINUM HOUSING, LENSED DIFFUSER 0-10V DIMMING TO 1%	48" DIA OPEN 4 1/4" HIGH 3 1/4" WIDE	SUSPEND FIXTURES AT 8-0" TO BOTTOM OF FIXTURES	OCL #SL1-P1EM-48-MW-BAL-LED1-30K-DM1 LIGHTART SLR RINGS #LA2 SERIES OR APPROVED EQUAL	INTEGRAL LED, 3000K, 80 CRI 7700 DELIVERED LUMENS, 64 LPW	N/A	N/A	120/277	120
C	RECESSED LINEAR LED WALL WASH FIXTURE, DMX, T-BAR HOUSING, 90X90 SPREAD LENS, LEADER CABLES DMX CONTROLLER BY OWNER	6" WIDE 23 3/4" WIDE 5" HIGH	RECESSED IN CEILING	PHILIPS 12NC-172-000072-02, 123-000072-00, 120-000072-08, 108-000072-04 OR APPROVED EQUAL	INTEGRAL LED, 4000K, 88 CRI 1813 DELIVERED LUMENS, 32 LPW	N/A	N/A	120	66
D	LINEAR PENDANT DIRECT LIGHT FIXTURE NARROW EXTRUDED ALUMINUM HOUSING, FROSTED ACRYLIC LENS, 0-10V DIMMING TO 1%	4" WIDE 4-3/4" HIGH 10 LONG	SUSPEND FIXTURES WITH 12" PENDANT	FOCAL POINT #FSM4LS-LF-62SLF-35K-1C-L11-WH-10 OR APPROVED EQUAL	INTEGRAL LED, 3500K, 80 CRI 7025 DELIVERED LUMENS, 108 LPW	N/A	1	120/277	65
E	LED WALL WASH TRACK HEAD MOUNTED TO SINGLE CIRCUIT TRACK, ALUMINUM HOUSING, LOUVER COMPATIBLE WITH 0-10V TO 10% TRACK DIMMERS	13 1/2" LONG 6 1/2" HIGH 4" DEEP	CEILING MOUNTED, PROVIDE ALL REQUIRED ACCESSORIES AND MOUNTING OPTIONS FOR A FULLY FUNCTIONAL SYSTEM	CREE #S-CT-WW-25L-35K-WH (HEAD) HST SERIES #HSC-CT-OUVSHORT-WH (LOUVER) OR APPROVED EQUAL	INTEGRAL LED, 3500K, 80 CRI 2500 DELIVERED LUMENS, 85 LPW	N/A	N/A	120	30
F	6" OPEN LED DOWNLIGHT, 0-10V DIMMING TO 1%, SELF-FLANGED SEMI-SPECULAR REFLECTOR, CLEAR TRIM, LENSED LIGHT ENGINE & DRIVER ACCESSIBLE FROM BELOW	13" WIDE 16" LONG 8" HIGH (MAX)	RECESSED IN CEILING	GOTHAM EVO #35/35-6AR-WD-LSS-EZ1 OR APPROVED EQUAL	INTEGRAL LED, 3500K, 80 CRI 3665 DELIVERED LUMENS, 87 LPW	N/A	N/A	120/277	42
G	LED LINEAR PENDANT DIRECT LIGHT FIXTURE NARROW EXTRUDED ALUMINUM HOUSING, FROSTED ACRYLIC LENS, 0-10V DIMMING TO 1%	2" WIDE 4" HIGH 6" LONG	SUSPEND FIXTURES WITH 24" PENDANT	LUMENPULSE #LL2P RG-D-SU6-DHO 35K-WFL-DIM-ACC50-WH OR APPROVED EQUAL	INTEGRAL LED, 3500K, 80 CRI 7025 DELIVERED LUMENS, 108 LPW	N/A	1	120	72
H	LED RECESSED WALL WASH SLOT FIXTURE, 0-10V DIMMING TO 1%, FLUSH ACRYLIC LENS, INTEGRAL DRIVER & POWER SUPPLY	4" WIDE 5" HIGH 4" LONG	RECESSED IN CEILING	FOCAL POINT #FSM4AL-FL-87SLF-35K-1C-L11-WH-4 OR APPROVED EQUAL	INTEGRAL LED, 3500K, 82 CRI 3500 DELIVERED LUMENS, 71 LPW	N/A	1	120/277	49
J	6" OPEN LED ADJUSTABLE DOWNLIGHT, 0-10V DIMMING TO 1%, SELF-FLANGED SEMI-SPECULAR REFLECTOR, CLEAR TRIM, LENSED LIGHT ENGINE & DRIVER ACCESSIBLE FROM BELOW	22" WIDE 20 9/16" LONG 10 7/8" HIGH	RECESSED IN CEILING	GOTHAM ICO #35930-6AR-LSS-EZ1 OR APPROVED EQUAL	INTEGRAL LED, 3500K, 80 CRI 3000 DELIVERED LUMENS, 115 LPW	N/A	N/A	120/277	26
K	LED DIMMABLE SCONCE MATTIE WHITE DIFFUSER, BRUSHED ALUMINUM FINISH	18 HIGH 4" DEEP	WALL, SURFACE	OCL #FX1-S1SA-18-MW-BAL-LED-120-DML OR APPROVED EQUAL	INTEGRAL LED, 3500K, 80 CRI 800 DELIVERED LUMENS, 115 LPW	N/A	N/A	120	10
L	LINEAR LED COVE LIGHT, 0-10V DIMMING 50 DEGREE ADJUSTABLE AIM POLYCARBONATE HOUSING & LENS	1.6" WIDE 1.2" HIGH 48" LONG	WALL, SURFACE (COVE)	SCD-M-48-30-MULT; LDCM-PL-1227-010V-GR OR APPROVED EQUAL	LED, 3000K, 80 CRI 470 LM/FT (1880 DELIVERED LUMENS) 118 LM/W	N/A	4	120-277	16

GENERAL NOTES

1. FIXTURES SHALL BE DESIGN LIGHTS CONSORTIUM (DLC) QUALIFIED PRODUCT.
2. CONTRACTOR SHALL COORDINATE FIXTURE MOUNTING STYLE (GRID VERSUS GYP-BOARD) WITH ARCHITECTURAL REFLECTED CEILING PLANS.
3. ALL RECESSED DOWNLIGHTS WHERE INSTALLED IN ACCOUSTICAL CEILING TILE SHALL BE PROVIDED WITH 24" GRID BAR HANGERS.
4. VERIFY FIXTURE CONTROL WIRING REQUIREMENTS PRIOR TO ORDERING FIXTURES TO INSURE EXISTING CONTROL WIRING IS COMPATIBLE WITH 0-10V ADAPTER.

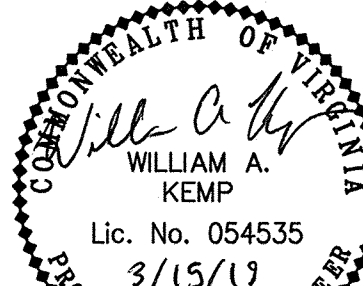


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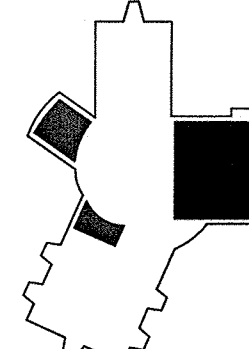
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SEA



KEY PLAN



SCAI

As indicated

1	Schem / Design Dev Submission	07.01.18
No	Description	Date

REVISION

DRAWN BY	ELF
APPROVED BY	WA
CHECKED BY	WA
DATE	JANUARY 15, 2019

TITL

ELECTRICAL LEGEND

DEB Project Code # 885-18321-000

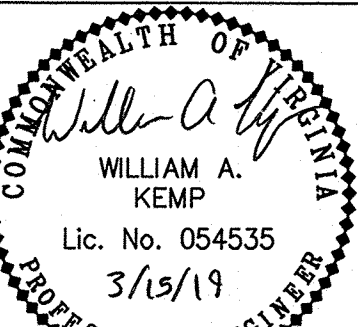
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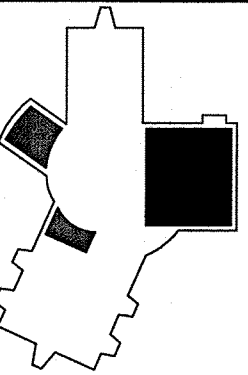
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SEAL



KEY PLAN



SCALE

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1	Schem / Design Dev Submission	07.01.18
No.	Description	Date

REVISIONS

DRAWN BY	ELP
APPROVED BY	WAK
CHECKED BY	WAK
DATE	JANUARY 15, 2019

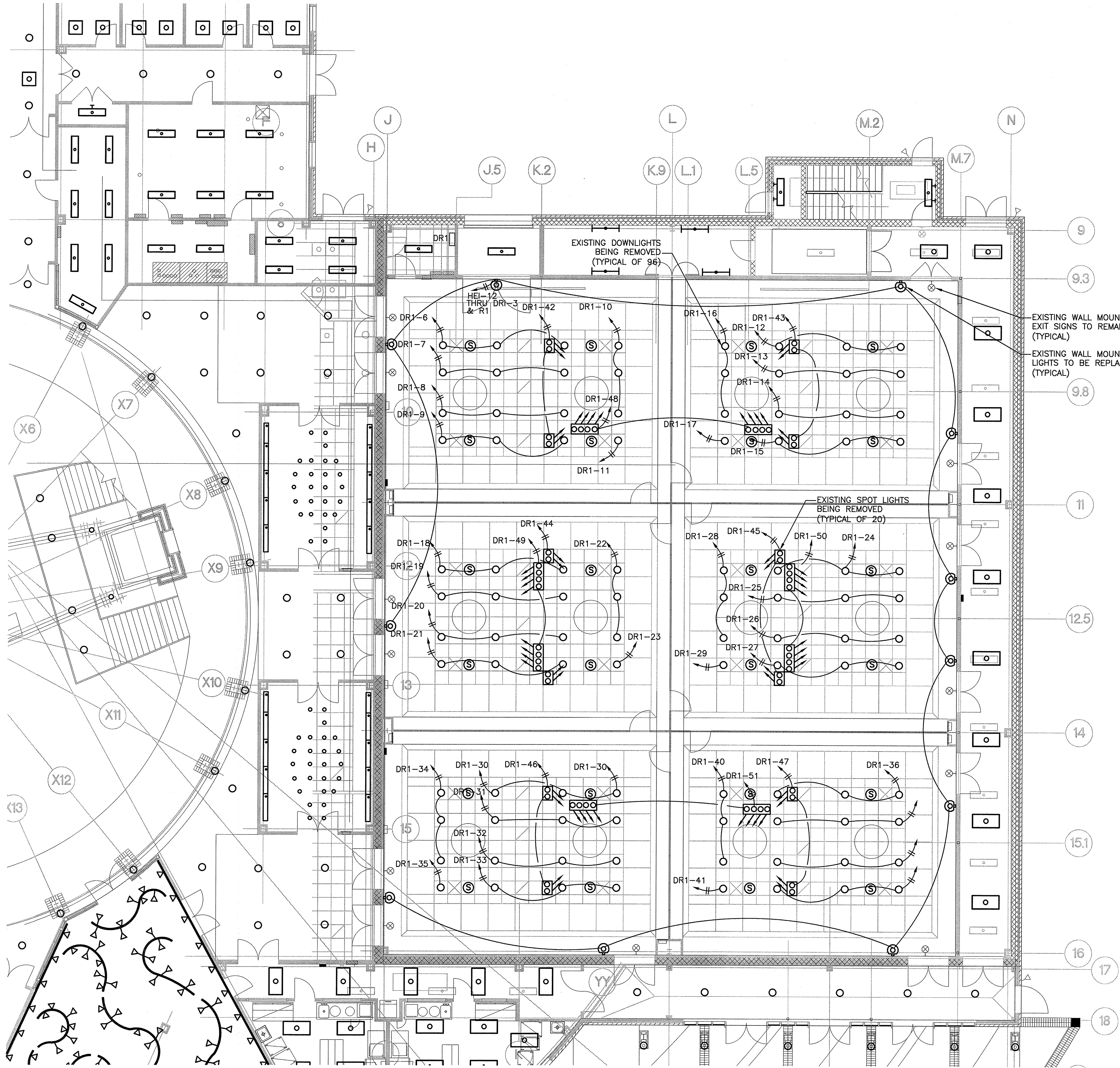
TITLE

**GREAT HALL
DEMO WORK
LIGHTING PLAN**

DEB Project Code # 885-18321-000
PROJECT NO. 50100160

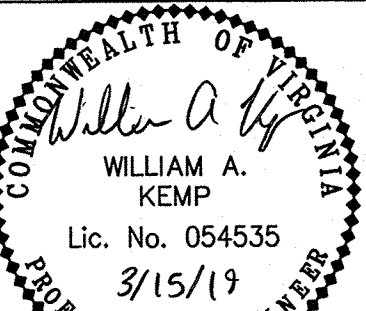
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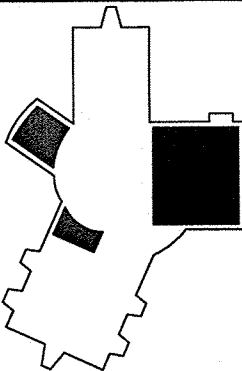


1 ENLARGED GREAT HALL DEMO WORK FLOOR PLAN - LIGHTING
Scale: 1/8" = 1'-0"

SEAL



KEY PLAN



SCALE

As indicated

No.	Description	Date
2	Schem / Design Dev Submission	01.10.18
1	Schem / Design Dev Submission	07.01.18

REVISIONS

DRAWN BY	ELP
APPROVED BY	WAK
CHECKED BY	WAK
DATE	JANUARY 15, 2019

TITLE

GREAT HALL
NEW WORK
LIGHTING PLAN

DEB Project Code # 885-18321-000
PROJECT NO. 50100160

E1.01

SHEET NO.

GENERAL NOTES

1. THE FOLLOWING CIRCUITS FROM DIMMING PANEL DR1 SHALL BE ABANDONED AND LABELED AS SPARE: 9, 10, 11, 42, 48, 13, 14, 15, 43, 21, 22, 23, 44, 49, 24, 26, 27, 45, 30, 32, 33, 46, 36, 38, 39, 47 AND 51.

KEYED NOTES:

1. EXTEND EMERGENCY LIGHTING CIRCUIT 'HE1'-12, VIA DR1-3 AND REM-1 FROM EXISTING WALL SCONCE TO NEW LIGHT FIXTURES RECESSED IN CEILING. (1) NORMAL/EMERGENCY CIRCUIT #1 TO SENSOR IQ PANEL ROUTED THROUGH BOELTS. (1) RUN NORMAL/EMERG. DMX TO DATA RACK ROUTED THROUGH EDMX.
2. EXTEND EXISTING LIGHTING CIRCUIT DR1-6 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW DOWNLIGHTS IN THIS AREA. (1) NORMAL CIRCUIT #2 TO IQ SENSOR IQ PANEL. (1) RUN NORMAL DMX TO DATA RACK.
3. EXTEND EXISTING LIGHTING CIRCUIT DR1-16 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW DOWNLIGHTS IN THIS AREA. (1) NORMAL CIRCUIT #3 TO IQ SENSOR IQ PANEL. (1) RUN NORMAL DMX TO DATA RACK.
4. EXTEND EXISTING LIGHTING CIRCUIT DR1-18 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW DOWNLIGHTS IN THIS AREA. (1) NORMAL CIRCUIT #4 TO IQ SENSOR IQ PANEL. (1) RUN NORMAL DMX TO DATA RACK.
5. EXTEND EXISTING LIGHTING CIRCUIT DR1-28 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW DOWNLIGHTS IN THIS AREA. (1) NORMAL CIRCUIT #5 TO IQ SENSOR IQ PANEL. (1) RUN NORMAL DMX TO DATA RACK.
6. EXTEND EXISTING LIGHTING CIRCUIT DR1-34 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW DOWNLIGHTS IN THIS AREA. (1) NORMAL CIRCUIT #6 TO IQ SENSOR IQ PANEL. (1) RUN NORMAL DMX TO DATA RACK.
7. EXTEND EXISTING LIGHTING CIRCUIT DR1-40 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW DOWNLIGHTS IN THIS AREA. (1) NORMAL CIRCUIT #7 TO IQ SENSOR IQ PANEL. (1) RUN NORMAL DMX TO DATA RACK.
8. EXTEND EXISTING LIGHTING CIRCUIT DR1-7 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW PENDANT FIXTURES IN THIS AREA. (1) NORMAL CIRCUIT #8 WITH 0-10V TO IQ SENSOR IQ PANEL.
9. EXTEND EXISTING LIGHTING CIRCUIT DR1-17 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW PENDANT FIXTURES IN THIS AREA. (1) NORMAL CIRCUIT #9 WITH 0-10V TO IQ SENSOR IQ PANEL.
10. EXTEND EXISTING LIGHTING CIRCUIT DR1-19 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW PENDANT FIXTURES IN THIS AREA. (1) NORMAL CIRCUIT #10 WITH 0-10V TO IQ SENSOR IQ PANEL.
11. EXTEND EXISTING LIGHTING CIRCUIT DR1-29 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW PENDANT FIXTURES IN THIS AREA. (1) NORMAL CIRCUIT #11 WITH 0-10V TO IQ SENSOR IQ PANEL.
12. EXTEND EXISTING LIGHTING CIRCUIT DR1-35 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW PENDANT FIXTURES IN THIS AREA. (1) NORMAL CIRCUIT #12 WITH 0-10V TO IQ SENSOR IQ PANEL.
13. EXTEND EXISTING LIGHTING CIRCUIT DR1-41 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW PENDANT FIXTURES IN THIS AREA. (1) NORMAL CIRCUIT #13 WITH 0-10V TO IQ SENSOR IQ PANEL.
14. EXTEND EXISTING LIGHTING CIRCUIT DR1-8 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW RECESSED WALL WASH FIXTURES IN THIS AREA. (1) NORMAL CIRCUIT #14 TO IQ SENSOR IQ PANEL. (1) RUN NORMAL DMX TO DATA RACK.
15. EXTEND EXISTING LIGHTING CIRCUIT DR1-12 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW RECESSED WALL WASH FIXTURES IN THIS AREA. (1) NORMAL CIRCUIT #15 TO IQ SENSOR IQ PANEL. (1) RUN NORMAL DMX TO DATA RACK.
16. EXTEND EXISTING LIGHTING CIRCUIT DR1-20 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW RECESSED WALL WASH FIXTURES IN THIS AREA. (1) NORMAL CIRCUIT #16 TO IQ SENSOR IQ PANEL. (1) RUN NORMAL DMX TO DATA RACK.
17. EXTEND EXISTING LIGHTING CIRCUIT DR1-25 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW RECESSED WALL WASH FIXTURES IN THIS AREA. (1) NORMAL CIRCUIT #17 TO IQ SENSOR IQ PANEL. (1) RUN NORMAL DMX TO DATA RACK.
18. EXTEND EXISTING LIGHTING CIRCUIT DR1-31 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW RECESSED WALL WASH FIXTURES IN THIS AREA. (1) NORMAL CIRCUIT #18 TO IQ SENSOR IQ PANEL. (1) RUN NORMAL DMX TO DATA RACK.
19. EXTEND EXISTING LIGHTING CIRCUIT DR1-37 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW RECESSED WALL WASH FIXTURES IN THIS AREA. (1) NORMAL CIRCUIT #19 TO IQ SENSOR IQ PANEL. (1) RUN NORMAL DMX TO DATA RACK.

1 ENLARGED GREAT HALL NEW WORK FLOOR PLAN - LIGHTING
Scale: 1/8" = 1'-0"

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COMMONWEALTH OF VIRGINIA
William A. Kemp
 WILLIAM A.
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 Lic. No. 054535
 3/15/19
 PROFESSIONAL ENGINEER

As indicated

1	Schem / Design Dev Submission	07.01.18
No.	Description	Date

DRAWN BY	ELP
APPROVED BY	WAK
CHECKED BY	WAK
DATE	JANUARY 15, 2019

EXECUTIVE AUDITORIUM LIGHTING PLANS

PROJECT NO. 5010016

SHEET NO.

Scale: $1/8" = 1'-0"$

Scale: 1/8" = 1'-0"

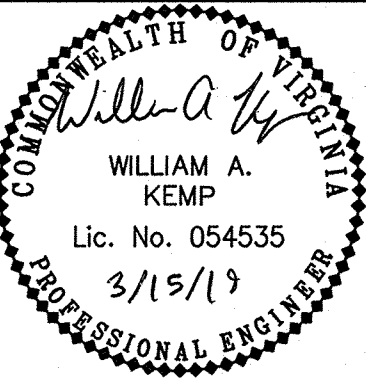
1. THE FOLLOWING CIRCUITS FROM DIMMING PANEL DR2 SHALL BE ABANDONED AND LABELED AS SPARE: 5.
2. THE EXISTING LUTRON DIMMING SYSTEM SHALL CONTROL THE NEW AND EXISTING LIGHTS IN THE EXECUTIVE AUDITORIUM.
3. FIELD COORDINATE THE LOCATIONS OF LIGHT FIXTURE TYPE D PENDANTS WITH EXISTING ELEMENTS TO REMAIN IN THE EXISTING CEILINGS.

- (1) EXTEND EMERGENCY LIGHTING CIRCUIT 'H1'-2, VIA DR2-6 AND REM2 FROM EXISTING WALL SCONCE TO NEW LINEAR PENDANT LIGHT FIXTURES.
- (2) EXTEND EXISTING LIGHTING CIRCUIT 'H1'-11, VIA DR2-25 FROM LOCATION OF EXISTING COVE LIGHT TO NEW LINEAR PENDANT LIGHTS. PROVIDE LUTRON #GRX-TV1 0-10V INTERFACE MODULE FOR COMPATIBILITY OF NEW LED LIGHT FIXTURES TO EXISTING DIMMING SYSTEM.
- (3) EXTEND EXISTING LIGHTING CIRCUIT DR2-1 FROM LOCATION OF EXISTING DOWNLIGHT TO NEW DOWNLIGHTS. PROVIDE LUTRON #GRX-TV1 0-10V INTERFACE MODULE FOR COMPATIBILITY OF NEW LED LIGHT FIXTURES TO EXISTING DIMMING SYSTEM.
- (4) EXTEND EXISTING LIGHTING CIRCUIT DR2-3 FROM LOCATION OF EXISTING SPOTLIGHTS TO NEW SPOTLIGHTS. PROVIDE LUTRON #GRX-TV1 0-10V INTERFACE MODULE FOR COMPATIBILITY OF NEW LED LIGHT FIXTURES TO EXISTING DIMMING SYSTEM.
- (5) EXTEND EXISTING LIGHTING CIRCUIT DR2-4 FROM LOCATION OF EXISTING SPOTLIGHTS TO NEW SPOTLIGHTS. PROVIDE LUTRON #GRX-TV1 0-10V INTERFACE MODULE FOR COMPATIBILITY OF NEW LED LIGHT FIXTURES TO EXISTING DIMMING SYSTEM.

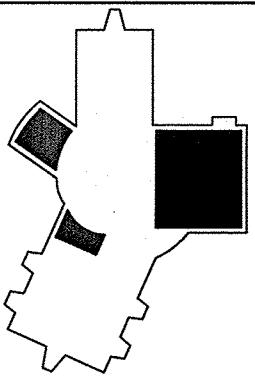
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SEAL



KEY PLAN



SCALE

As indicated

GENERAL NOTES

1. THE FOLLOWING CIRCUITS FROM DIMMING PANEL DR3 SHALL BE ABANDONED AND LABELED AS SPARE: 2, 3, 4, 18, 19, 21 AND 22.
2. THE EXISTING LUTRON DIMMING SYSTEM SHALL CONTROL THE NEW AND EXISTING LIGHTS IN THE EXECUTIVE CONFERENCE ROOM.

KEYED NOTES:

- ① EXTEND EXISTING LIGHTING CIRCUIT DR3-1 FROM LOCATION OF EXISTING RECESSED SPOTLIGHT TO NEW LINEAR PENDANT LIGHTS. PROVIDE LUTRON #GRX-TVI 0-10V INTERFACE MODULE FOR COMPATIBILITY OF NEW LED LIGHT FIXTURES TO EXISTING DIMMING SYSTEM.
- ② EXTEND EXISTING LIGHTING CIRCUIT DR3-20 FROM LOCATION OF EXISTING TRACKLIGHT TO NEW RECESSED ADJUSTABLE DOWNLIGHTS. PROVIDE LUTRON #GRX-TVI 0-10V INTERFACE MODULE FOR COMPATIBILITY OF NEW LED LIGHT FIXTURES TO EXISTING DIMMING SYSTEM.
- ③ EXTEND EXISTING LIGHTING CIRCUIT DR3-17 FROM LOCATION OF EXISTING TRACKLIGHT TO NEW RECESSED LINEAR WALL WASH FIXTURES. PROVIDE LUTRON #GRX-TVI 0-10V INTERFACE MODULE FOR COMPATIBILITY OF NEW LED LIGHT FIXTURES TO EXISTING DIMMING SYSTEM.
- ④ SWAP OUT EXISTING CONCEALED FLUORESCENT TUBES TO CONCEALED LED STRIPS. VERIFY FIXTURE CONTROL WIRING REQUIREMENTS PRIOR TO ORDERING FIXTURES TO INSURE EXISTING CONTROL WIRING IS COMPATIBLE WITH 0-10V ADAPTER.

2	Schem / Design Dev Submission	01.10.18
1	Schem / Design Dev Submission	07.01.18
No.	Description	Date

REVISIONS

DRAWN BY	ELP
APPROVED BY	WAK
CHECKED BY	WAK
DATE	JANUARY 15, 2019

TITLE

EXECUTIVE CONF. ROOM LIGHTING PLANS

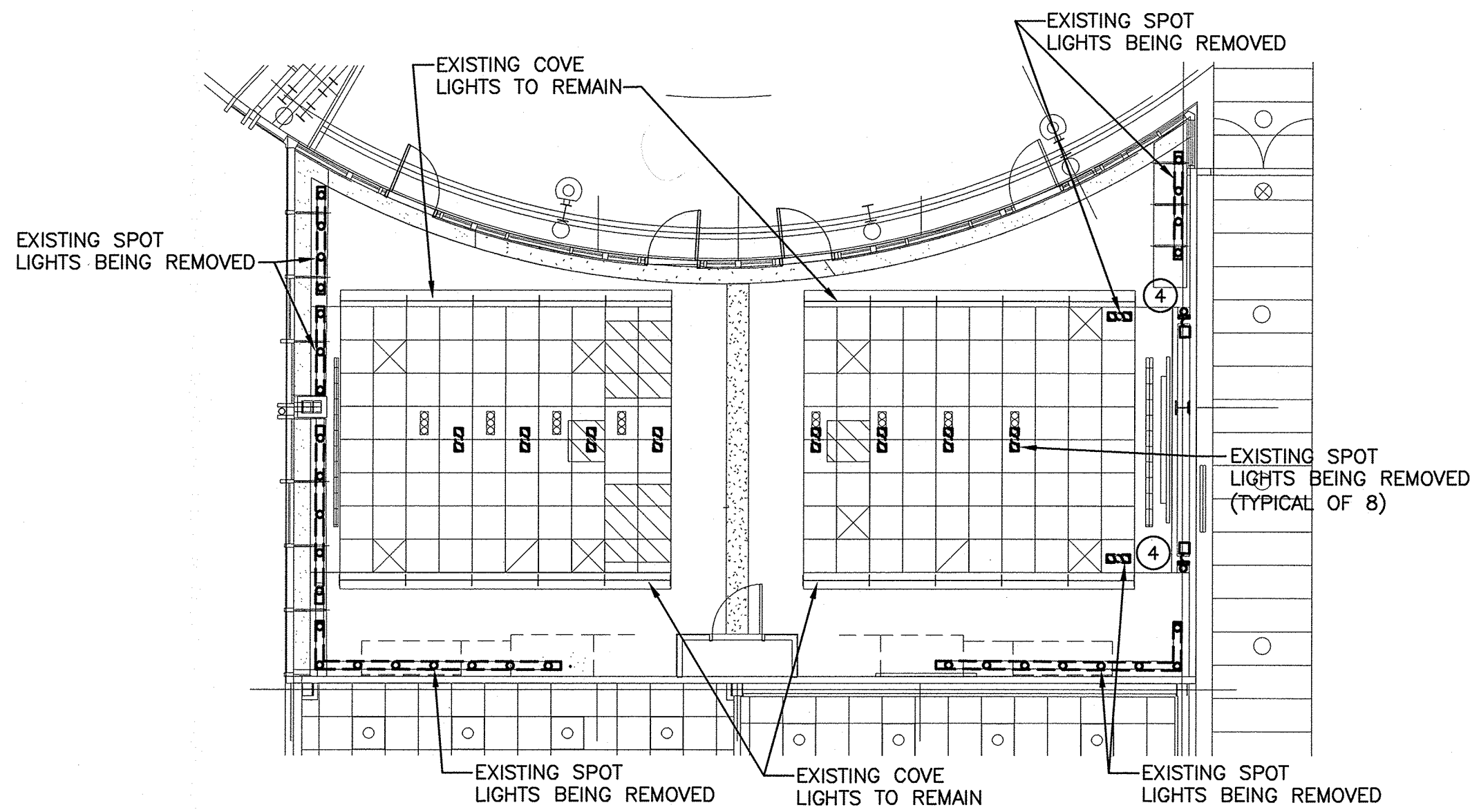
DEB Project Code # 885-18321-000

PROJECT NO. 50100160

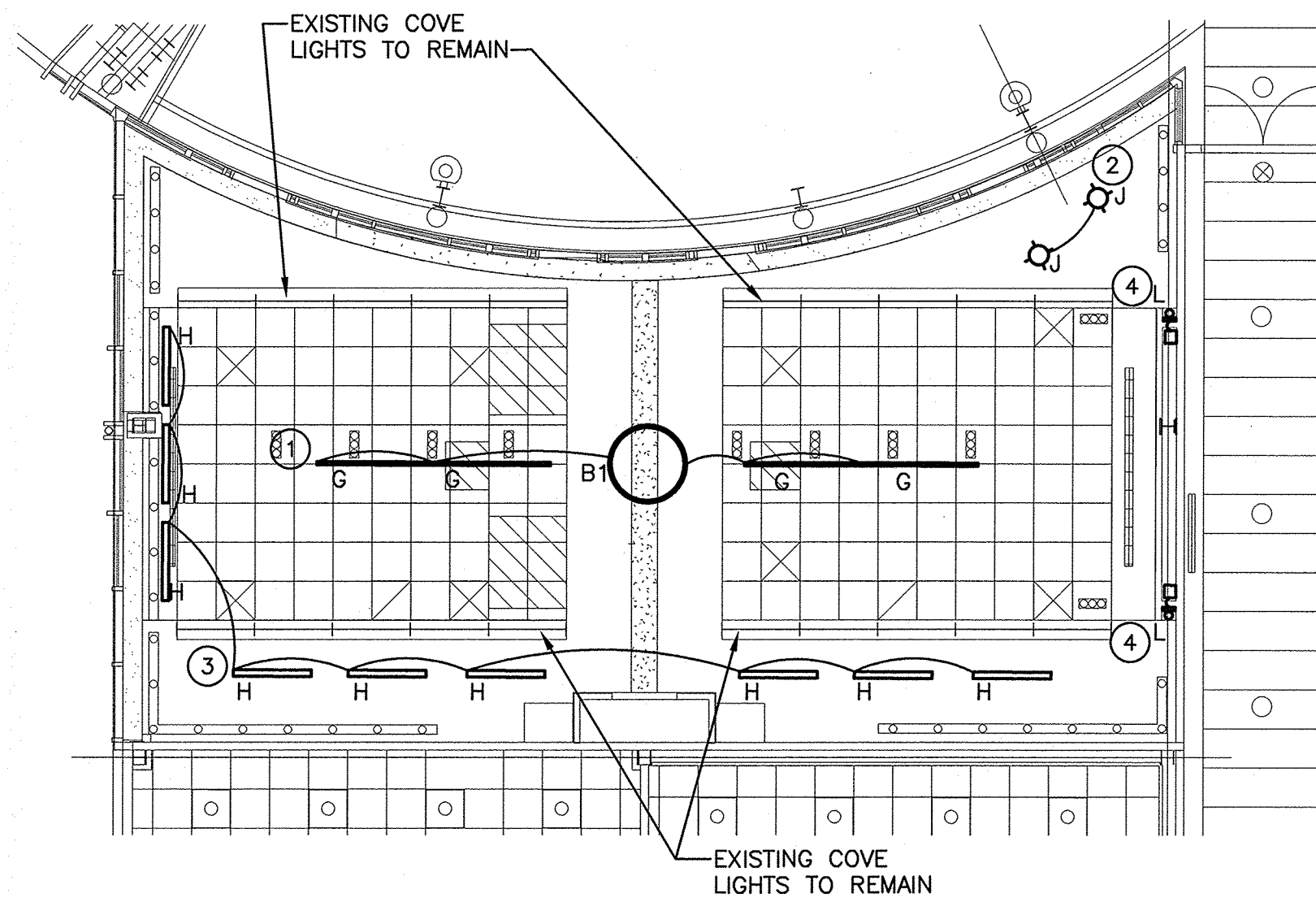
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SHEET NO.

1 EXECUTIVE CONFERENCE ROOM DEMO WORK FLOOR PLAN - LIGHTING
Scale: 1/8" = 1'-0"



2 EXECUTIVE CONFERENCE ROOM NEW WORK FLOOR PLAN - LIGHTING
Scale: 1/8" = 1'-0"



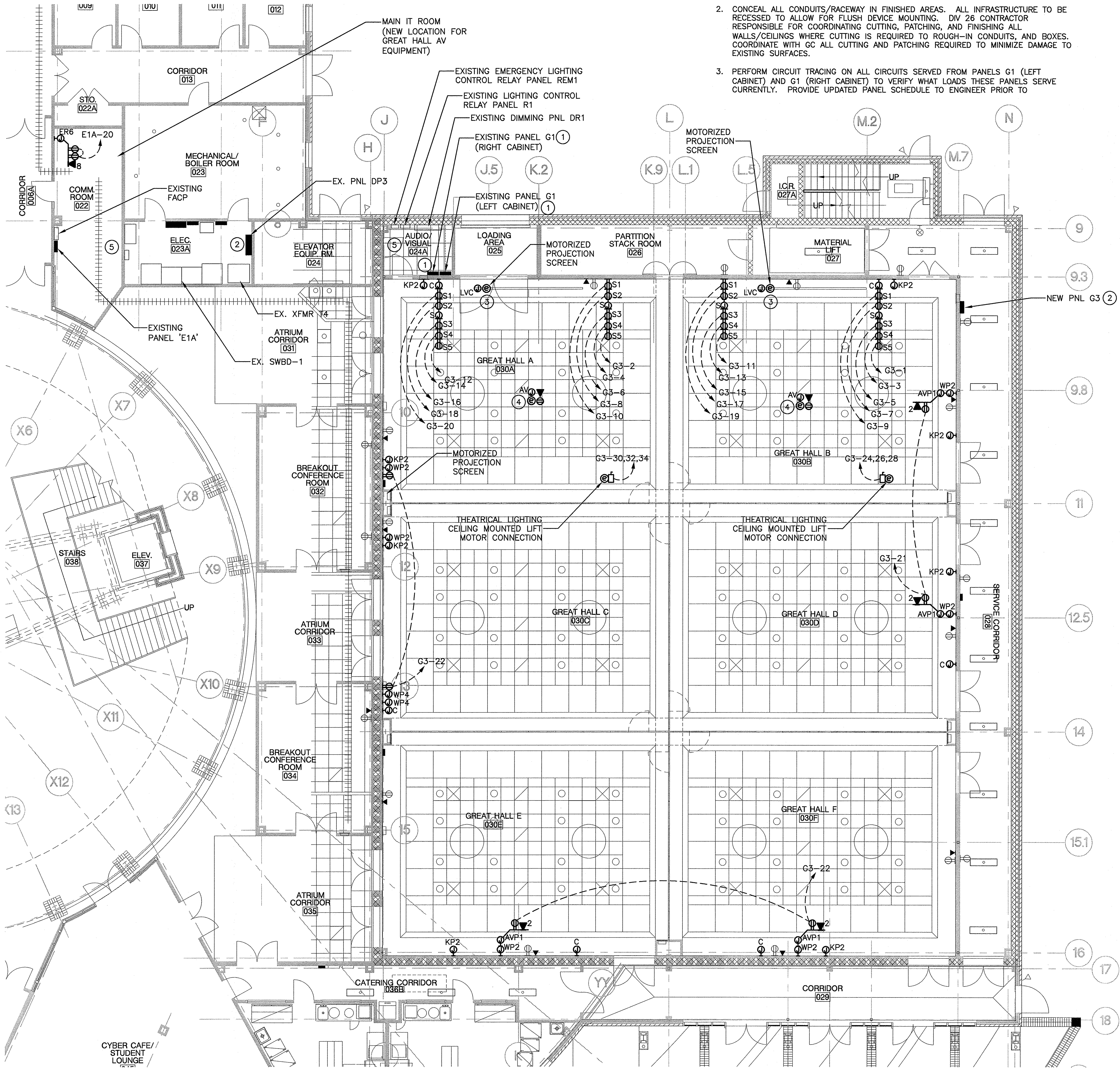
KEYED NOTES:

- 1 PERFORM CIRCUIT TRACING ON ALL CIRCUITS SERVED FROM PANELS 'G1-LEFT' AND 'G1-RIGHT' TO VERIFY EXISTING LOADS SERVED FROM THESE PANELS. THIS SHOULD BE DONE PRIOR TO CONSTRUCTION. PROVIDE AN UPDATED PANEL SCHEDULE TO ENGINEER AND MARKUP OF THE ELECTRICAL DRAWING INDICATING WHERE THESE CIRCUITS ARE LOCATED.
- 2 FEEDER THAT SERVES NEW PANEL 'G3' TO BE ROUTED FROM MAIN ELECTRICAL ROOM THROUGH COMM. ROOM AND VERTICALLY UP TO SECOND FLOOR COMM. ROOM. FROM THIS ROOM ROUTE FEEDER HORIZONTALLY ABOVE ACCESSIBLE CEILINGS TO THE SECOND FLOOR SERVICE CORRIDOR. CONDUIT TO TURN DOWN VERTICALLY UNTIL IT REACHES THE FIRST FLOOR SERVICE CORRIDOR WHERE NEW PANEL 'G3' IS TO BE INSTALLED.
- 3 SERVE NEW MOTORIZED PROJECTOR SCREEN FROM EXISTING BRANCH CIRCUIT WIRING THAT SERVED THE ORIGINAL MOTORIZED PROJECTOR SCREEN REMOVED DURING DEMOLITION. EXTEND 2#12, #12G WIRING AND 3/4" CONDUIT AS NECESSARY TO SERVE THE NEW MOTOR CONNECTION.
- 4 SERVE NEW PROJECTOR LIFT FROM EXISTING BRANCH CIRCUIT WIRING THAT SERVED THE ORIGINAL PROJECTOR LIFT REMOVED DURING DEMOLITION. EXTEND 2#12, #12G WIRING AND 3/4" CONDUIT AS NECESSARY TO SERVE THE NEW MOTOR CONNECTION. COORDINATE LOCATION OF NEW DUPLEX RECEPTACLE AND DATA OUTLET SO THEY ARE MOUNTED ON LIFT TO ALLOW FOR PROJECTOR TO REMAIN CONNECTED EVEN WHEN LIFT IS FULLY EXTENDED. SERVE NEW RECEPTACLE FROM THE EXISTING CIRCUIT THAT CURRENTLY SERVES THE PROJECTOR RECEPTACLE. EXTEND DATA AND A/V INFRASTRUCTURE AS NECESSARY TO SERVE PROJECTOR ON NEW LIFT. PROJECTOR LIFT FURNISHED BY A/V CONTRACTOR AND INSTALLED BY DIV 26 CONTRACTOR.
- 5 PROVIDE (3)2"C FROM CURRENT GREAT HALL A/V ROOM ABOVE CEILING TO THE MAIN COMMUNICATION ROOM FOR NETWORKING OF A/V EQUIPMENT. CONDUITS TO BE ROUTED TO 2ND FLOOR AND ABOVE CEILING TO THE COMMUNICATIONS ROOM TO END IN THE MAIN IT ROOM ON THE FIRST FLOOR.

GENERAL NOTES:

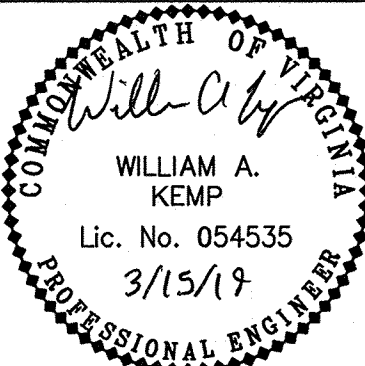
1. COORDINATE EXACT LOCATION OF DEVICES PRIOR TO ROUGH-IN WITH AV CONTRACTOR.
2. CONCEAL ALL CONDUITS/RACEWAY IN FINISHED AREAS. ALL INFRASTRUCTURE TO BE RECESSED TO ALLOW FOR FLUSH DEVICE MOUNTING. DIV 26 CONTRACTOR RESPONSIBLE FOR COORDINATING CUTTING, PATCHING, AND FINISHING ALL WALLS/CEILINGS WHERE CUTTING IS REQUIRED TO ROUGH-IN CONDUITS, AND BOXES. COORDINATE WITH GC ALL CUTTING AND PATCHING REQUIRED TO MINIMIZE DAMAGE TO EXISTING SURFACES.
3. PERFORM CIRCUIT TRACING ON ALL CIRCUITS SERVED FROM PANELS G1 (LEFT CABINET) AND G1 (RIGHT CABINET) TO VERIFY WHAT LOADS THESE PANELS SERVE CURRENTLY. PROVIDE UPDATED PANEL SCHEDULE TO ENGINEER PRIOR TO

ELECTRICAL DEVICES AND INFRASTRUCTURE LEGEND			
SYMBOL	DESCRIPTION	MOUNTING HEIGHT	INFRASTRUCTURE PROVISIONS
	RECESSED WALL MOUNTED DUPLEX RECEPTACLE (FOR *SUBWOOFER)	9'-9" AFF TO CENTER OF BOX	3/4"C FROM SOURCE TO DEVICE
	RECESSED WALL MOUNTED DUPLEX RECEPTACLE (FOR *SUBWOOFER)	11'-3" AFF TO CENTER OF BOX	3/4"C FROM SOURCE TO DEVICE
	RECESSED WALL MOUNTED DUPLEX RECEPTACLE (FOR *SPEAKERS)	12'-10" AFF TO CENTER OF BOX	3/4"C FROM SOURCE TO DEVICE
	RECESSED WALL MOUNTED DUPLEX RECEPTACLE (FOR *SPEAKERS)	14'-7" AFF TO CENTER OF BOX	3/4"C FROM SOURCE TO DEVICE
	RECESSED WALL MOUNTED DUPLEX RECEPTACLE (FOR *SPEAKERS)	16'-4" AFF TO CENTER OF BOX	3/4"C FROM SOURCE TO DEVICE
	DIRECT WIRED EQUIPMENT ELECTRICAL CONNECTION	COORDINATE WITH EQUIPMENT	3/4"C FROM SOURCE TO DEVICE
	RECESSED CHIEF PAC526 BACK BOX (FURNISHED BY AV CONTRACTOR, INSTALLED BY DIV 26)	6'-9" AFF TO CENTER OF BOX	1-1/4"C IN WALL STUBBED ABOVE ACCESSIBLE CEILING
	RECESSED 2-GANG JUNCTION BOX (FOR *CAMERA)	6'-9" AFF TO CENTER OF BOX	1-1/4"C IN WALL STUBBED ABOVE ACCESSIBLE CEILING
	RECESSED CRESTRON BACK BOX (FURNISHED BY AV CONTRACTOR, INSTALLED BY DIV 26)	4'-3" AFF TO CENTER OF BOX	1-1/4"C FROM SOURCE TO DEVICE
	1-GANG JUNCTION BOX ABOVE CEILING (FOR *LOW VOLTAGE CONTROLS OF PROJECTOR SCREEN)	MOUNTED TO THE SIDE OF THE PROJECTOR SCREEN HOUSING	1-1/4"C FROM CORRESPONDING 'KP2' JUNCTION BOX TO THIS BOX.
	RECESSED 2-GANG JUNCTION BOX (FOR *SPEAKER CLUSTER)	12'-10" AFF TO CENTER OF BOX	1-1/2"C IN WALL STUBBED ABOVE ACCESSIBLE CEILING
	RECESSED 2-GANG JUNCTION BOX (FOR *AV WALL PLATE)	1'-6" AFF TO CENTER OF BOX	1-1/4"C IN WALL STUBBED ABOVE ACCESSIBLE CEILING
	RECESSED 4-GANG JUNCTION BOX (FOR *AV WALL PLATE)	1'-6" AFF TO CENTER OF BOX	1-1/4"C IN WALL STUBBED ABOVE ACCESSIBLE CEILING
	RECESSED CHIEF PAC526 BACK BOX (FURNISHED BY AV CONTRACTOR, INSTALLED BY DIV 26). DUPLEX RECEPTACLE AND 2-GANG BOX FOR DATA OUTLET RECESSED IN BACKBOX (PROVIDED BY DIV 26). DATA OUTLET FACEPLATE PROVIDED BY AV CONTRACTOR.	6'-4" AFF TO CENTER OF BACK BOX. RECEPTACLE RECESSED IN TOP OF BOX.	PROVIDE 3/4"C FROM SOURCE TO RECEPTACLE. PROVIDE 1 1/4"C TO NETWORK EQUIPMENT IN IDF ROOM. PROVIDE 1 1/4"C TO AV BACK BOX.
	SURFACE MOUNTED 12"x12" JUNCTION BOX (PROVIDED BY DIV 26). DUPLEX RECEPTABLES AND 2-GANG BOX FOR DATA OUTLET RECESSED IN JUNCTION BOX.	6'-4" AFF TO CENTER OF JUNCTION BOX. RECEPTACLE AND DATA OUTLET RECESSED IN TOP OF BOX.	PROVIDE (1) 3/4"C FROM SOURCE TO SERVE RECEPTABLES. PROVIDE 2"C FROM ABOVE ACCESSIBLE CEILING TO DATA OUTLET. PROVIDE 1 1/4"C TO AV BACK BOX.
	STANDARD FLUSH MOUNT DATA OUTLET IN 2-GANG BACK BOX. (FACEPLATE AND CABLES PROVIDED BY AV CONTRACTOR)	1'-6" AFF TO CENTER OF BOX	1 1/4"C IN WALL STUBBED ABOVE ACCESSIBLE CEILING.

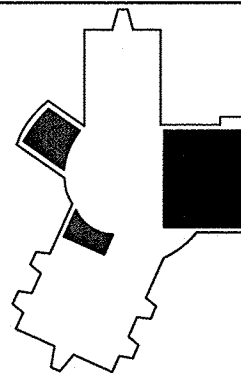


1 ENLARGED GREAT HALL FLOOR PLAN - POWER AND LOW VOLTAGE PLAN
Scale: 1/8" = 1'-0"

SEAL



KEY PLAN



SCALE

As indicated

No.	Description	Date
1	Schem / Design Dev Submission	07.01.18

REVISIONS

DRAWN BY	ELP
APPROVED BY	WAK
CHECKED BY	WAK
DATE	JANUARY 15, 2019

TITLE

GREAT HALL
POWER AND LOW
VOLTAGE PLAN

DEB Project Code # 885-18321-000
PROJECT NO. 50100160

E

D

C

B

A

GENERAL NOTES:

- COORDINATE EXACT LOCATION OF DEVICES PRIOR TO ROUGH-IN WITH AV CONTRACTOR.
- CONCEAL ALL CONDUITS/RACEWAY IN FINISHED AREAS. ALL INFRASTRUCTURE TO BE RECESSED TO ALLOW FOR FLUSH DEVICE MOUNTING. DIV 26 CONTRACTOR RESPONSIBLE FOR COORDINATING CUTTING, PATCHING, AND FINISHING ALL WALLS/CEILINGS WHERE CUTTING IS REQUIRED TO ROUGH-IN CONDUITS, AND BOXES. COORDINATE WITH GC ALL CUTTING AND PATCHING REQUIRED TO MINIMIZE DAMAGE TO EXISTING SURFACES.
- PANEL 'CF' IS LOCATED IN STORAGE ROOM 022 ON THE FIRST FLOOR AT THE BACK OF THE BOOKSTORE. PANEL 'CF' CURRENTLY SERVES EXISTING CIRCUITS INSIDE THE BOARDROOM.

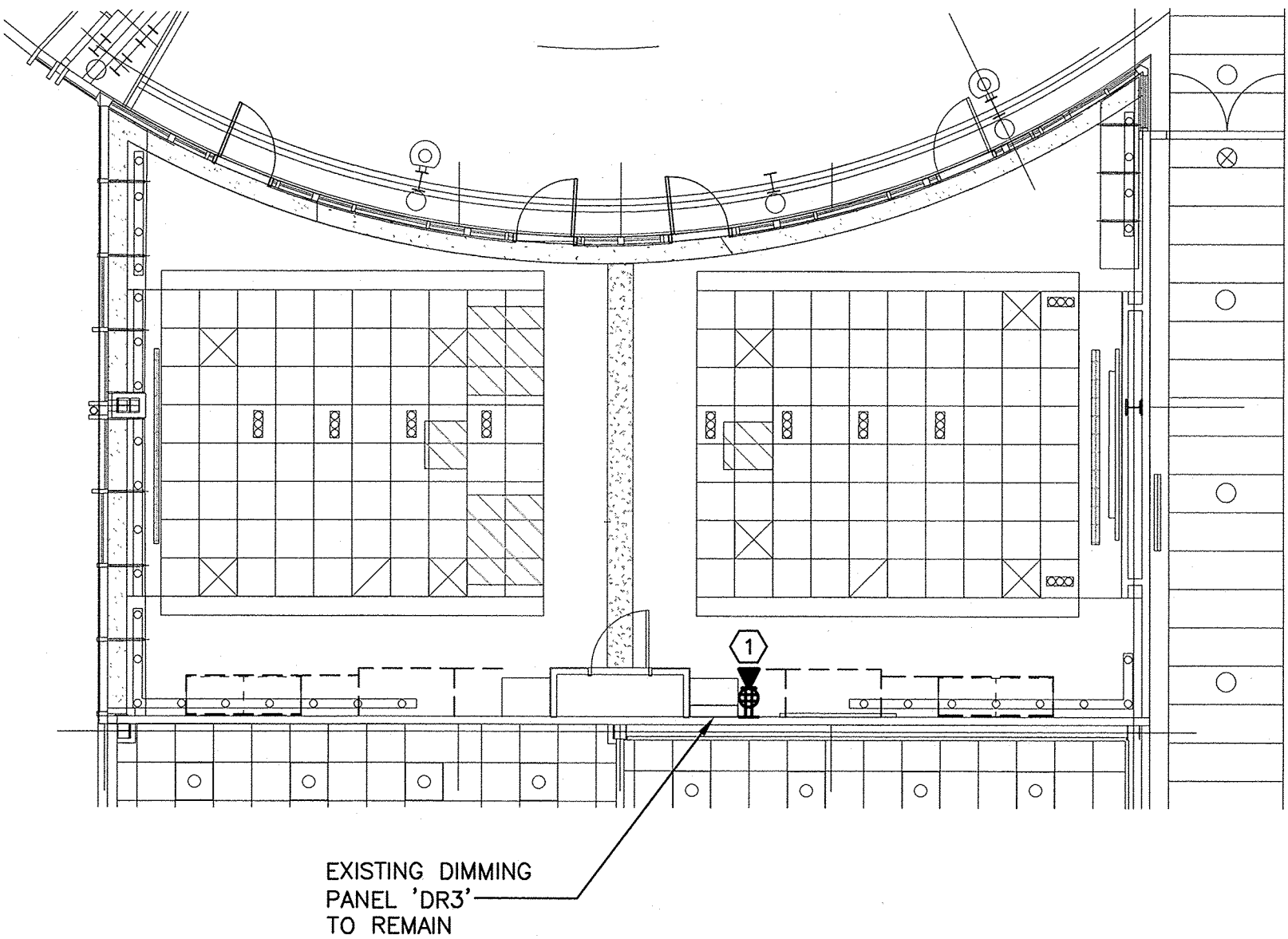
ELECTRICAL DEVICES AND INFRASTRUCTURE LEGEND			
SYMBOL	DESCRIPTION	MOUNTING HEIGHT	INFRASTRUCTURE PROVISIONS
⊙	DIRECT WIRED EQUIPMENT ELECTRICAL CONNECTION	COORDINATE WITH EQUIPMENT	3/4"C FROM SOURCE TO DEVICE
⊙ _C	RECESSED 2-GANG JUNCTION BOX (FOR *CAMERA)	6'-9" AFF TO CENTER OF BOX	1-1/4"C IN WALL STUBBED ABOVE ACCESSIBLE CEILING
⊙ _{AV2}	RECESSED 2-GANG JUNCTION BOX (FOR *TV WALL)	5'-10" AFF TO CENTER OF BOX	1-1/4"C IN WALL STUBBED ABOVE ACCESSIBLE CEILING
⊙ _{AVP1}	RECESSED CHIEF PAC526 BACK BOX (FURNISHED BY AV CONTRACTOR, INSTALLED BY DIV 26). DUPLEX RECEPTACLE RECESSED IN BACKBOX (PROVIDED BY DIV 26).	5'-5-3/4" AFF TO CENTER OF BACK BOX. RECEPTACLE RECESSED IN TOP OF BOX.	PROVIDE 3/4"C FROM SOURCE TO RECEPTACLE. PROVIDE 1-1/4"C TO AV BACK BOX.
⊙ _{ER6}	SURFACE MOUNTED 12"x12" JUNCTION BOX (PROVIDED BY DIV 26). DUPLEX RECEPTACLES AND 8-PORT DATA OUTLET RECESSED IN JUNCTION BOX.	6'-4" AFF TO CENTER OF JUNCTION BOX. RECEPTACLE AND DATA OUTLET RECESSED IN TOP OF BOX.	PROVIDE (1) 3/4"C FROM SOURCE TO SERVE RECEPTACLES. PROVIDE 2"C FROM ABOVE ACCESSIBLE CEILING TO DATA OUTLET. AND 1-1/4"C TO AV BACK BOX.
⊙ _X	STANDARD FLUSH MOUNT DATA OUTLET IN 2-GANG BACK BOX. 'X' SUBSCRIPT INDICATES NUMBER OF DATA PORTS. NO SUBSCRIPT INDICATES 2 PORT DATA OUTLET.	1'-6" AFF TO CENTER OF BOX	1-1/4"C IN WALL STUBBED ABOVE ACCESSIBLE CEILING.

DEMO WORK KEYED NOTES:

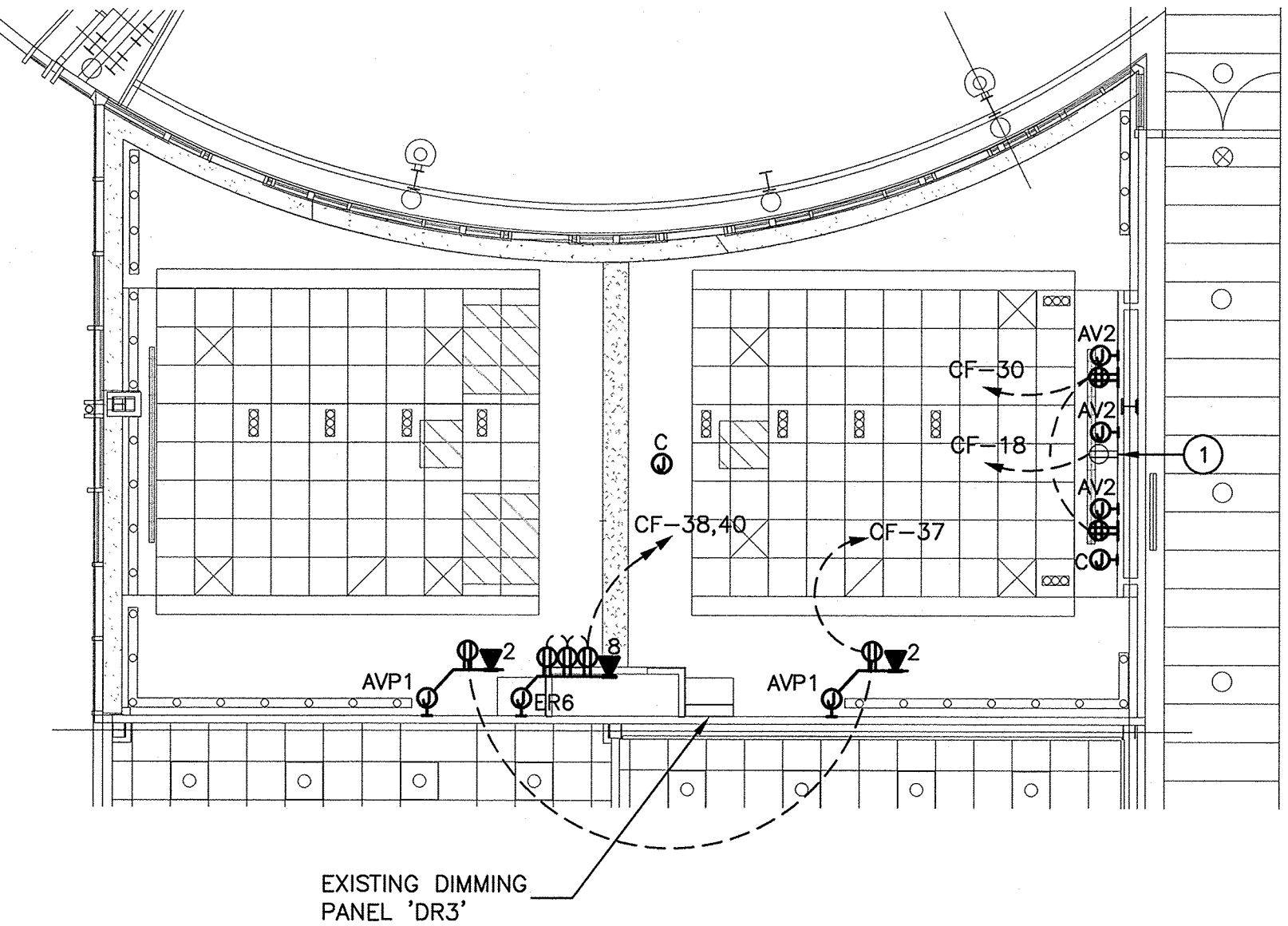
- REMOVE EXISTING QUAD RECEPTACLE AND DATA OUTLET LOCATED AT EXISTING A/V RACK. REMOVE BRANCH CIRCUIT WIRING AND CONDUIT BACK TO NEAREST JUNCTION BOX ABOVE ACCESSIBLE CEILING. REMOVE DATA CABLING AND CONDUIT IN ITS ENTIRETY. UPDATE PANEL SCHEDULE IN PANEL 'CF' TO INDICATE CIRCUIT IS NO LONGER IN USE.

KEYED NOTES:

- EXISTING DUPLEX RECEPTACLE UTILIZED TO SERVE LED TV WALL. RECEPTACLE MADE AVAILABLE UPON REMOVAL OF EXISTING TV.

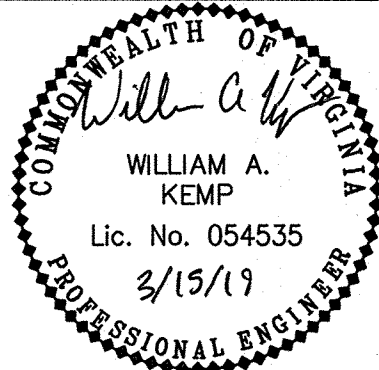


1 EXECUTIVE CONFERENCE ROOM DEMO WORK FLOOR PLAN - POWER
Scale: 1/8" = 1'-0"

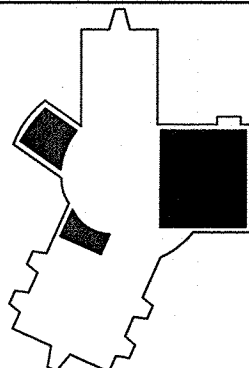


2 EXECUTIVE CONFERENCE ROOM NEW WORK FLOOR PLAN - POWER
Scale: 1/8" = 1'-0"

SEAL



KEY PLAN



SCALE

As indicated

No.	Description	Date
1	Schem / Design Dev Submission	07.01.18

REVISIONS

DRAWN BY	ELP
APPROVED BY	WAK
CHECKED BY	WAK
DATE	JANUARY 15, 2019

TITLE

EXECUTIVE
CONF. ROOM
POWER PLANS

DEB Project Code # 885-18321-000
PROJECT NO. 50100160

E2.03

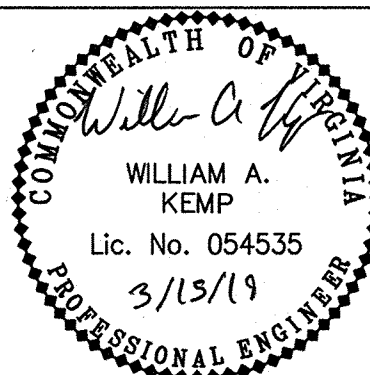
SHEET NO.

THE INSTITUTE FOR ADVANCED LEARNING AND
RESEARCH

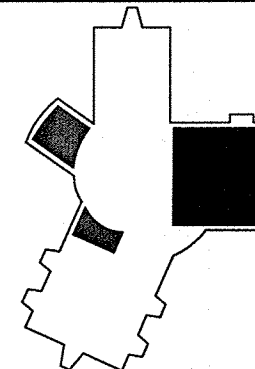
CONFERENCE FACILITY
IMPROVEMENTS

150 SLAYTON AVENUE
DANVILLE, VA 24540

SEAL



KEY PLAN



SCALE

As indicated

[illegible]

No.	Description	Date
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REVISIONS

DRAWN BY ELP

APPROVED BY _____ WAK

CHECKED BY WAK

DATE JANUARY 15, 2019

TITLE

ELECTRICAL RISER

DEB Project Code # 885-18321-000

PROJECT NO. 50100160

E3.00

SHEET NO.

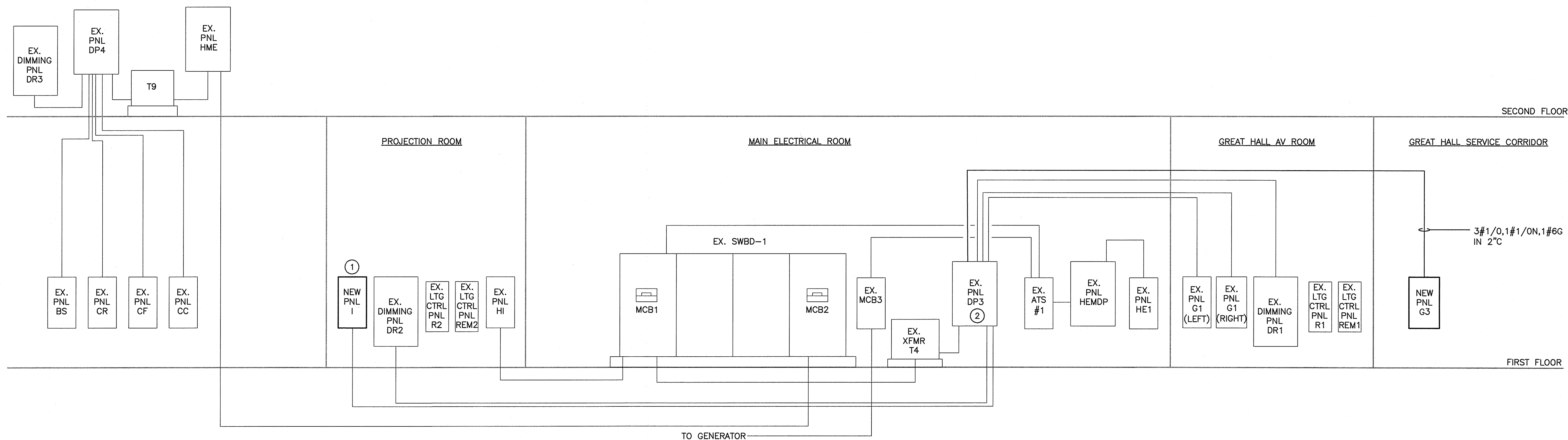
KEYED NOTES:

- ① EXISTING 42 CIRCUIT PANEL '1' TO BE REPLACED WITH A 54 CIRCUIT PANELBOARD TO SUPPORT ADDITIONAL AV CIRCUITS. EXISTING FEEDER THAT SERVES PANEL AS WELL AS BRANCH CIRCUITS SERVED FROM PANEL TO BE RECONNECTED TO NEW PANEL.
- ② EXISTING PANEL 'DP3' SERVES POWER TO THE GREAT HALL AND EXECUTIVE AUDITORIUM AS WELL AS OTHER AREAS SUCH AS THE LOBBY. INSTALLATION OF NEW BREAKER IN EXISTING PANEL 'DP3' WILL REQUIRE THIS DISTRIBUTION PANEL BE SHUT DOWN. VENDOR MUST BUILDING OWNER PRIOR TO SHUTDOWN TO VERIFY THERE ARE NO UNEXPECTED INTERRUPTIONS OF POWER TO THE ESSENTIAL SPACES OF THE FACILITY WHEN THEY ARE IN USE.

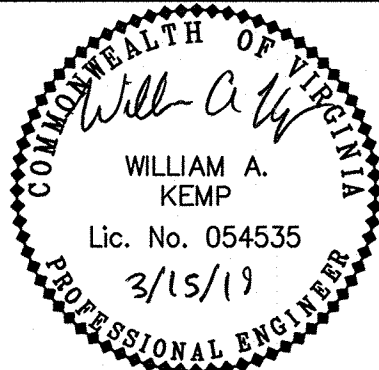
LOAD SUMMARY PANEL DR1	
DESCRIPTION	DEMAND LOAD
EXISTING LOAD REMOVED	-50.6 kVA
LOAD ADDED	10.72 kVA
NET CHANGE =	-39.88 kVA
SOURCE CAPACITY @ 208V	400.0 A

LOAD SUMMARY PANEL DR2	
DESCRIPTION	DEMAND LOAD
EXISTING LOAD REMOVED	-9.65 kVA
LOAD ADDED	2.25 kVA
NET CHANGE =	-7.40 kVA
SOURCE CAPACITY @ 208V	200.0 A

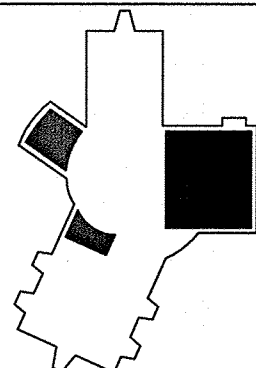
LOAD SUMMARY PANEL DR3	
DESCRIPTION	DEMAND LOAD
EXISTING LOAD REMOVED	-3.17 kVA
LOAD ADDED	0.71 kVA
NET CHANGE =	-2.46 kVA
SOURCE CAPACITY @ 208V	100.0 A



SEAL



KEY PLAN



SCALE

As indicated

No.	Description	Date
1	Schem / Design Dev Submission	07.01.18

REVISIONS

DRAWN BY	ELP
APPROVED BY	WAK
CHECKED BY	WAK
DATE	JANUARY 15, 2019

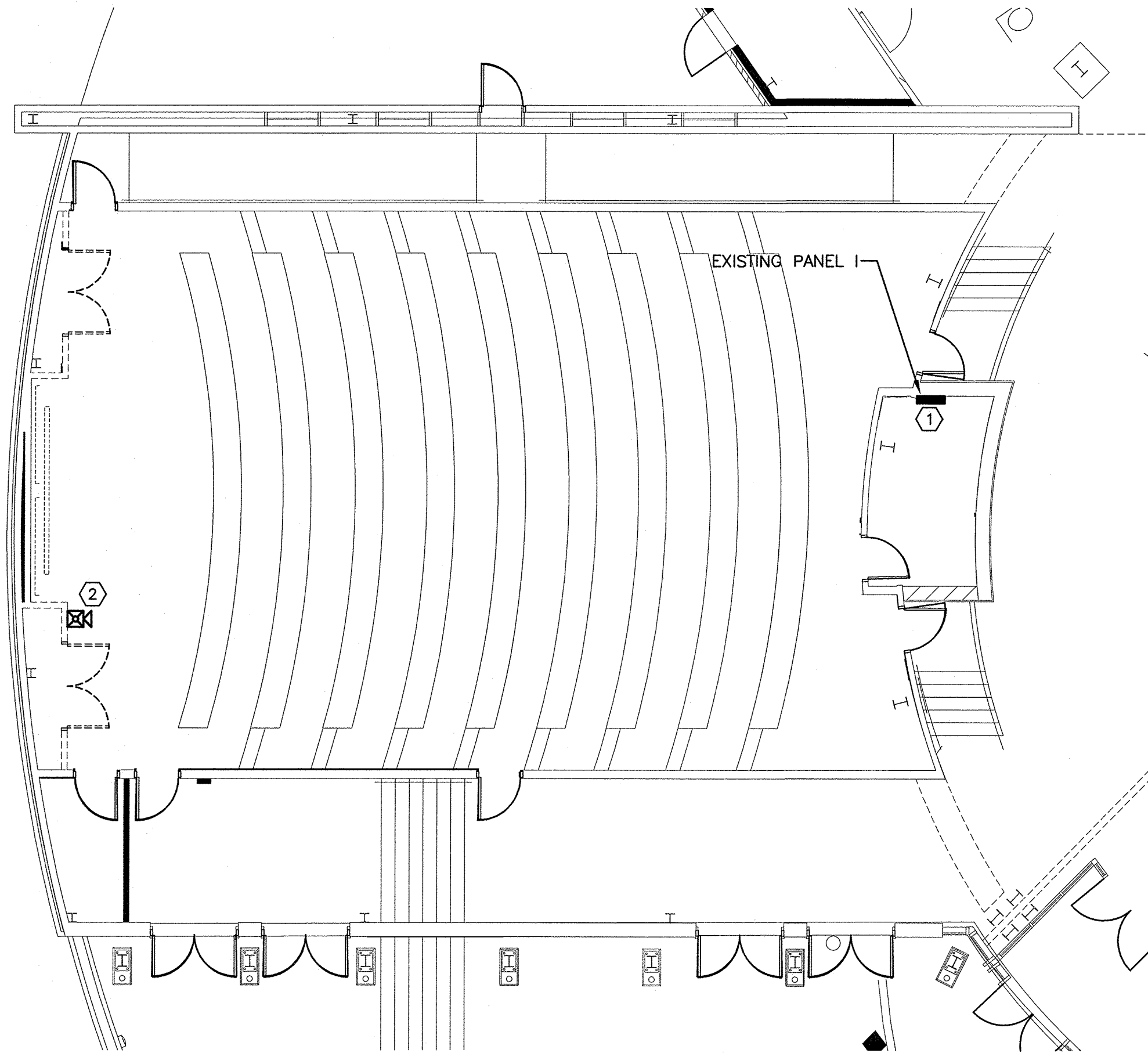
TITLE

EXECUTIVE
AUDITORIUM
POWER PLANS

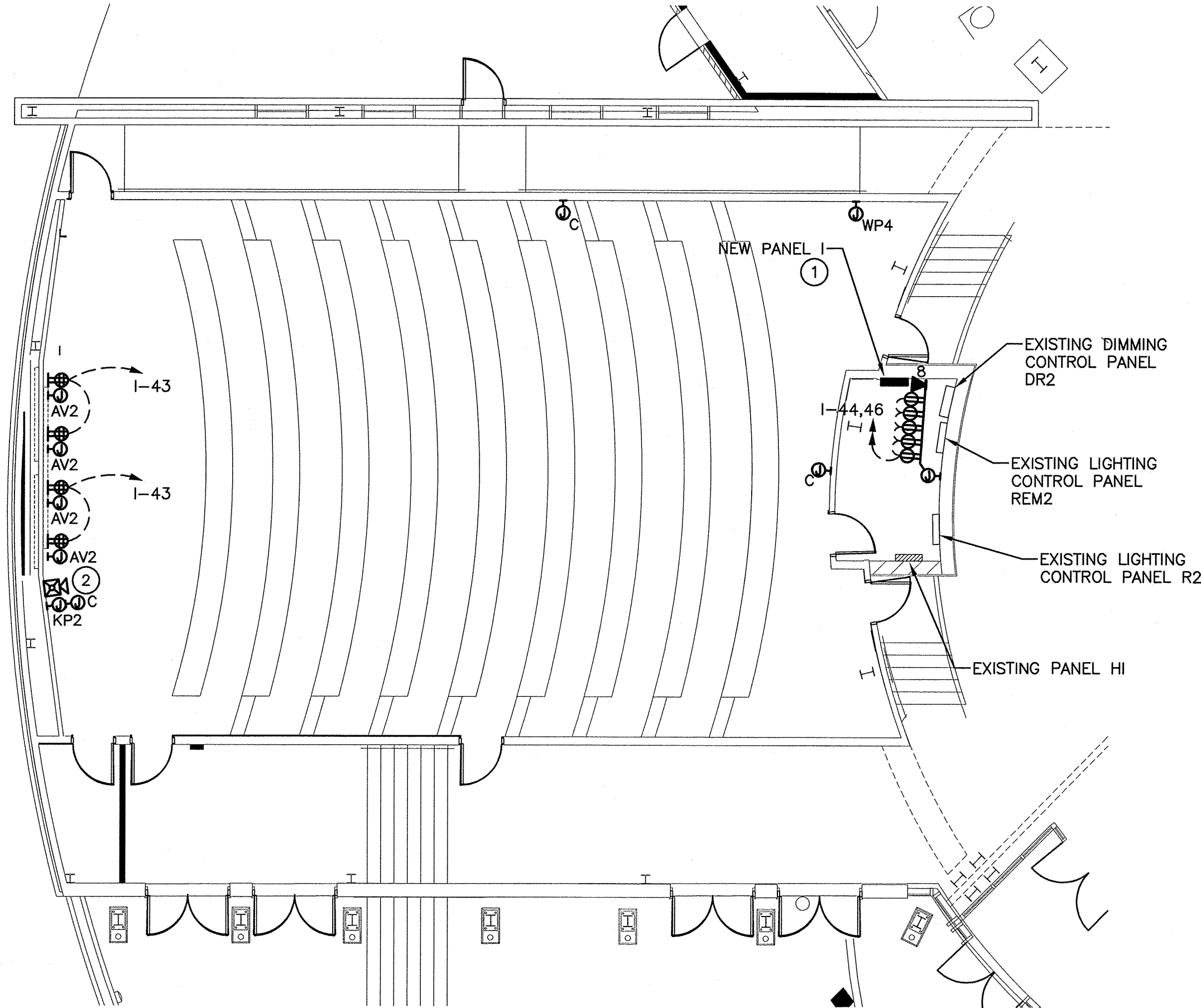
DEB Project Code # 885-18321-000
PROJECT NO. 50100160

E3.02

SHEET NO.



1 EXECUTIVE AUDITORIUM DEMO WORK FLOOR PLAN - POWER
Scale: 1/8" = 1'-0"



2 EXECUTIVE AUDITORIUM NEW WORK FLOOR PLAN - POWER
Scale: 1/8" = 1'-0"

DEMO WORK KEYED NOTES:

- REMOVE EXISTING SHEET METAL SKIRT AND EXISTING 42 CIRCUIT PANEL 'I'. EXISTING BRANCH CIRCUIT CONDUITS SERVED FROM THIS PANEL ARE TO BE REMOVED ENOUGH TO FACILITATE DEMOLITION OF THIS PANEL CAN AND INTERIOR.
- REMOVE EXISTING FIRE ALARM COMBINATION HORN & STROBE DEVICE TO BE RELOCATED.

ELECTRICAL DEVICES AND INFRASTRUCTURE LEGEND			
SYMBOL	DESCRIPTION	MOUNTING HEIGHT	INFRASTRUCTURE PROVISIONS
⊙	DIRECT WIRED EQUIPMENT ELECTRICAL CONNECTION	COORDINATE WITH EQUIPMENT	3/4"C FROM SOURCE TO DEVICE
⊙ _{AV2}	RECESSED 2-GANG JUNCTION BOX (FOR *VIDEO WALL)	9' AFF TO CENTER OF BOX	1 1/4"C IN WALL STUBBED ABOVE ACCESSIBLE CEILING
⊙ _C	RECESSED 2-GANG JUNCTION BOX (FOR *CAMERA)	6'-9" AFF TO CENTER OF BOX	1 1/4"C IN WALL STUBBED ABOVE ACCESSIBLE CEILING
⊙ _{KP2}	RECESSED CRESTRON BACK BOX (FURNISHED BY AV CONTRACTOR, INSTALLED BY DIV 26)	4'-3" AFF TO CENTER OF BOX	1 1/4"C FROM SOURCE TO DEVICE
⊙ _S	RECESSED 2-GANG JUNCTION BOX (FOR *SPEAKER CLUSTER)	12'-10" AFF TO CENTER OF BOX	1 1/4"C IN WALL STUBBED ABOVE ACCESSIBLE CEILING
⊙ _{WP4}	RECESSED 4-GANG JUNCTION BOX (FOR *AV WALL PLATE)	1'-6" AFF TO CENTER OF BOX	1 1/4"C IN WALL STUBBED ABOVE ACCESSIBLE CEILING
⊙ _{ER6}	SURFACE MOUNTED 12"x12" JUNCTION BOX (PROVIDED BY DIV 26). DUPLEX RECEPTACLES AND 8-PORT DATA OUTLET RECESSED IN JUNCTION BOX.	6'-4" AFF TO CENTER OF JUNCTION BOX. RECEPTACLE AND DATA OUTLET RECESSED IN TOP OF BOX.	PROVIDE (1) 3/4"C FROM SOURCE TO SERVE RECEPTACLES. PROVIDE 2"C FROM ABOVE ACCESSIBLE CEILING TO DATA OUTLET. PROVIDE 1 1/4"C TO AV BACK BOX.
⊙ _X	STANDARD FLUSH MOUNT DATA OUTLET IN 2-GANG BACK BOX. 'X' SUBSCRIPT INDICATES NUMBER OF DATA PORTS. NO SUBSCRIPT INDICATES 2 PORT DATA OUTLET.	1'-6" AFF TO CENTER OF BOX	1 1/4"C IN WALL STUBBED ABOVE ACCESSIBLE CEILING. PROVIDE (2) CAT6A CABLES FROM IDF ROOM TO DATA OUTLETS.

KEYED NOTES:

- PROVIDE NEW 54 CIRCUIT PANEL 'I' WITH SHEET METAL SKIRT. COORDINATE INSTALLATION OF PANEL CAN AND INTERIOR WITH EXISTING PANEL 'I' FEEDER TO VERIFY LENGTH OF FEEDER IS LONG ENOUGH TO CONNECT TO THE NEW PANEL LUGS.
- RELOCATED FIRE ALARM COMBINATION HORN AND STROBE DEVICE. COORDINATE FIRE ALARM SHUTDOWN WITH OWNER PRIOR TO WORK TO ENSURE MINIMAL INTERRUPTION OF MONITORING.

PANEL NOTES:									NEW PANEL G3																	
									3P-200A MCB								BREAKER INTERRUPT RATING: 10,000 A.I.C.						3 Ø - 4 WIRE - 120/208 VOLT 200 AMP BUS DEMAND AMPS: 112			
CONDUIT SIZE	WIRE SIZE	SERVING	KVA AØ	KVA BØ	KVA CØ	CKT BKR	CKT NO	LOAD TYPE	LOAD TYPE	CKT NO	CKT BKR	KVA AØ	KVA BØ	KVA CØ	SERVING	WIRE SIZE	CONDUIT SIZE									
3/4"	2#12	SPEAKER ARRAY	2.00			1P-20	1	R	R	2	1P-20	2.00			SPEAKER ARRAY	2#12	3/4"									
3/4"	2#12	SPEAKER ARRAY		2.00		1P-20	3	R	R	4	1P-20		2.00		SPEAKER ARRAY	2#12	3/4"									
3/4"	2#12	SPEAKER ARRAY			2.00	1P-20	5	R	R	6	1P-20			2.00	SPEAKER ARRAY	2#12	3/4"									
3/4"	2#12	SUBWOOFER	1.56			1P-20	7	R	R	8	1P-20	1.56			SUBWOOFER	2#12	3/4"									
3/4"	2#12	SUBWOOFER		1.56		1P-20	9	R	R	10	1P-20		1.56		SUBWOOFER	2#12	3/4"									
3/4"	2#12	SPEAKER ARRAY			2.00	1P-20	11	R	R	12	1P-20			2.00	SPEAKER ARRAY	2#12	3/4"									
3/4"	2#12	SPEAKER ARRAY	2.00			1P-20	13	R	R	14	1P-20	2.00			SPEAKER ARRAY	2#12	3/4"									
3/4"	2#12	SPEAKER ARRAY		2.00		1P-20	15	R	R	16	1P-20		2.00		SPEAKER ARRAY	2#12	3/4"									
3/4"	2#12	SUBWOOFER			1.56	1P-20	17	R	R	18	1P-20			1.56	SUBWOOFER	2#12	3/4"									
3/4"	2#12	SUBWOOFER	1.56			1P-20	19	R	R	20	1P-20	1.56			SUBWOOFER	2#12	3/4"									
3/4"	2#12	B&D RECPTS FOR PORT. TV		0.69		1P-20	21	R	R	22	1P-20		0.69		A&C RECPTS FOR PORT. TV	2#12	3/4"									
3/4"	2#12	E&F RECPTS FOR WALL TVS			0.69	1P-20	23	R	LM	24	3P-20			2.40	STAGE LIGHTING LIFT MOTOR	3#10	3/4"									
		SPARE				1P-20	25		LM	26	3P-30	2.40														
		SPARE				1P-20	27		LM	28			2.40													
		SPARE				1P-20	29	NC	30		3P-30			2.40	STAGE LIGHTING LIFT MOTOR	3#10	3/4"									
		SPARE				1P-20	31	NC	32			2.40														
		SPARE				1P-20	33	NC	34				2.40													
		SPARE				1P-20	35		36	1P-20					SPARE											
		SPACE					37		38	1P-20					SPARE											
		SPACE					39		40	1P-20					SPARE											
		SPACE					41		42	1P-20					SPARE											
CONTINUOUS LOADS (C)			0.00			125%			DEMAND (KVA)			0.00			FED THRU LUGS		FED FROM:		AØ = 19 KVA							
NON-CONTINUOUS LOADS (NC)			7.20			100%						7.20			AØ BØ CØ		DP3		BØ = 17.3 KVA							
RECEPTACLES LOADS (R)			38.55			10KVA + 50%						24.28							CØ = 16.6 KVA							
KITCHEN LOADS (K)			0.00			100%						0.00							G3 TOTAL 53 KVA							
LARGEST MOTOR (LM)			7.20			125% OF LARGEST						9.00							TOTAL CONNECTED = 53 KVA							
ELEVATOR (EL)			0.00			100%						0.00							TOTAL DEMAND = 40 KVA							
-SUB-PANEL LOADS ARE INCLUDED IN THE CONNECTED AND DEMAND CALCULATIONS.																										
-THE LOAD DESCRIPTION IN THE PANEL DIRECTORY CARD FOR EACH CIRCUIT SHALL HAVE DETAIL TO ALLOW EACH CIRCUIT TO BE DISTINGUISHABLE FROM ALL OTHERS.																										
-THE PANEL SHALL BE MARKED TO INDICATE THE DEVICE OR EQUIPMENT WHERE THE POWER SUPPLY ORIGINATES.																										
-THE PANEL SHALL BE LEGIBLY MARKED WITH THE MAXIMUM AVAILABLE FAULT CURRENT, INCLUDING THE DATE THE CALCULATION WAS PERFORMED.																										

PANEL NOTES:

EXISTING G.E. SPECTRA SERIES PANEL CAT #AQF3241MTX, #AXB7

*PROVIDE NEW CIRCUIT BREAKER

EXISTING PANEL E1A

M.L.O.

BREAKER INTERRUPT RATING:
10,000 A.I.C.

3 Ø - 4 WIRE - 120/208 VOLT
DEMAND AMPS: 72

125 AMP BUS

CONDUIT SIZE	WIRE SIZE	(GRAY IS EXISTING) SERVING	KVA AØ	KVA BØ	KVA CØ	CKT BKR	CKT NO	LOAD TYPE	LOAD TYPE	CKT NO	CKT BKR	KVA AØ	KVA BØ	KVA CØ	(GRAY IS EXISTING) SERVING	WIRE SIZE	CONDUIT SIZE			
		TELECOM BOARD	0.36			1P-20	(1)	R		R 2	(1)	1P-20	0.36		TELECOM BOARD					
		RECEPT Q22		0.36		1P-20	(3)	R		R 4	(1)	1P-20	0.54		RECEPT Q22					
		CRCU Q22 IDU			2.81	2P-45	(5)	R		R 6	(1)	1P-20		1.92	UNLABELED					
							(7)	R		R 8	(1)	1P-20	1.92		UNLABELED					
		FACP		0.25		1P-20	(9)	R		R 10	(1)	1P-20		1.92	UNLABELED					
		CRCU Q22 ODU			1.02	2P-20	(11)	R		R 12	(1)	1P-20		1.92	UNLABELED					
							(13)	R		R 14	(1)	1P-20	0.20		TV IN HALL					
		UNLABELED		1.92		1P-20	(15)	R		R 16	(1)	1P-20	1.92		UNLABELED					
		UNLABELED			2.50	2P-30	(17)	R		R 18	(1)	1P-20		1.92	UNLABELED					
							(19)	R		R 20	(2)	2P-30	2.50		DATA CABINET					
		DATA CABINET		2.50		2P-30	(21)	R		R 22	(1)		2.50		208 RECEPT					
		208V RECEPT			2.50		(23)	R		R 24	(1)	1P-20		1.92	LUMOS RECEPT					
3/4"	2#12	*AV RACK	1.92			1P-20	(25)	R							SPACE					
		SPACE					(27)	R							SPACE					
		SPACE					(29)	R							SPACE					
CONNECTED KVA			NEC DEMAND FACTOR			DEMAND (KVA)			FEED THRU LUGS			FED FROM:			AØ = 13.6 KVA BØ = 11.9 KVA CØ = 16.5 KVA					
CONTINUOUS LOADS (C)			0.00			125%														
NON-CONTINUOUS LOADS (NC)			0.00			100%						AØ BØ CØ			DP3					
RECEPTACLES LOADS (R)			42.01			10KVA + 50%			26.00			E1A TOTAL 42 KVA								
KITCHEN LOADS (K)			0.00			100%			0.00											
LARGEST MOTOR (LM)			0.00			125% OF LARGEST			0.00											
ELEVATOR (EL)			0.00			100%			0.00											
-SUB-PANEL LOADS ARE INCLUDED IN THE CONNECTED AND DEMAND CALCULATIONS.																				
-THE LOAD DESCRIPTION IN THE PANEL DIRECTORY CARD FOR EACH CIRCUIT SHALL HAVE DETAIL TO ALLOW EACH CIRCUIT TO BE DISTINGUISHABLE FROM ALL OTHERS.																				

*PANEL NOTES:											EXISTING PANEL DP3														
*PROVIDE NEW CIRCUIT BREAKER																									
-PANEL IS A GE SPECTRA SERIES ORDER #178PP87185, DATE CODE MIM306																									
											3P-800A MCB			BREAKER INTERRUPT RATING: 42,000 A.I.C.			3 Ø - 4 WIRE - 120/208 VOLT DEMAND AMPS: 761 800 AMP BUS								
CONDUIT SIZE	WIRE SIZE	(GRAY IS EXISTING) SERVING	KVA AØ	KVA BØ	KVA CØ	CKT BKR	CKT NO	CKT NO	LOAD TYPE	LOAD TYPE	CKT NO	CKT BKR	KVA AØ	KVA BØ	KVA CØ	(GRAY IS EXISTING) SERVING	WIRE SIZE	CONDUIT SIZE							
		UNLABELLED	21.62			3P-225	()	1	NC		P 2	()	3P-200	19.04											
			21.62				()	3	NC		P 4	()		17.30			SEE	SEE							
				21.62			()	5	NC		P 6	()			16.61		RISER	RISER							
		PNL I	18.50			3P-200	()	7	P		NC 8	()	3P-225	2.05											
				20.35			()	9	P		NC 10	()		2.40											
				17.26			()	11	P		NC 12	()			4.16										
		PNL J	9.60			3P-100	()	13	NC			14	()				SPACE								
				9.60			()	15	NC			16	()												
					9.60		()	17	NC			18	()												
		PNL G	5.04			3P-225	()	19	NC		NC 20	()	3P-225	21.62											
				5.65			()	21	NC		NC 22	()		21.62											
					4.07		()	23	NC		NC 24	()			21.62										
							()	25			NC 26	()	3P-400	5.95											
							()	27			NC 28	()		5.68											
							()	29			NC 30	()			8.46										
											CONNECTED KVA NEC DEMAND FACTOR			DEMAND (KVA)			FED THRU LUGS			FED FROM:			A Ø = 103.4 KVA B Ø = 104.2 KVA C Ø = 103.4 KVA		
CONTINUOUS LOADS (C)											0.00			125%			0.00			DP3					
NON-CONTINUOUS LOADS (NC)											216.38			100%			216.38								
RECEPTACLES LOADS (R)											87.18			10KVA + 50%			48.59						DP3 EXCLUDING FTL & SUB-PANELS = 202 KVA		
KITCHEN LOADS (K)											0.00			100%			0.00						G3 DR2 DR1 G J L G1-RIGHT G1-LEFT = 109.1 KVA		
LARGEST MOTOR (LM)											7.49			125% OF LARGEST			9.36						TOTAL CONNECTED = 311 KVA		
ELEVATOR (EL)											0.00			100%			0.00						TOTAL DEMAND = 274 KVA		
-SUB-PANEL LOADS ARE INCLUDED IN THE CONNECTED AND DEMAND CALCULATIONS.																									
-THE LOAD DESCRIPTION IN THE PANEL DIRECTORY CARD FOR EACH CIRCUIT SHALL HAVE DETAIL TO ALLOW EACH CIRCUIT TO BE DISTINGUISHABLE FROM ALL OTHERS.																									
-NOTE TO REVIEWER: LOADS FROM EXISTING SUB-FED PANELS WERE OBTAINED VIA AS-BUILTS OR BY INCLUDING 80% OF THE FEEDER BREAKER CAPACITY.																									

PANEL NOTES:										NEW PANEL I									
**EXISTING CIRCUIT CONNECTED TO NEW BREAKER										M.L.O. BREAKER INTERRUPT RATING: 10,000 A.I.C. 3Ø - 4 WIRE - 120/208 VOLT DEMAND AMPS: 111 225 AMP BUS									
CONDUIT SIZE	WIRE SIZE	SERVING	KVA AØ	KVA BØ	KVA CØ	CKT BKR	CKT NO	LOAD TYPE	LOAD TYPE	CKT NO	CKT BKR	KVA AØ	KVA BØ	KVA CØ	SERVING	WIRE SIZE	CONDUIT SIZE		
		**AIR CONDITIONING	3.74			2P-45	1	LM	R 2	1P-20	0.54				**TEACHER RECEPT.				
			3.74				3	LM	R 4	1P-20	0.54				**TEACHER RECEPT.				
		**STORAGE RECEPT.		0.18		1P-20	5	R	R 6	1P-20		0.54			**TEACHER RECEPT.				
		**AUDIT. COMP. RECEPT.	1.44			1P-20	7	R	R 8	1P-20	1.44				**AUDIT. COMP. RECEPT.				
		**AUDIT. COMP. RECEPT.		1.44		1P-20	9	R	R 10	1P-20		1.44		0.54	**AUDIT. COMP. RECEPT.				
		**AUDIT. COMP. RECEPT.			1.44	1P-20	11	R	R 12	1P-20			1.44		**AUDIT. COMP. RECEPT.				
		**AUDIT. COMP. RECEPT.	1.44			1P-20	13	R	R 14	1P-20	1.44				**AUDIT. COMP. RECEPT.				
		**AUDIT. COMP. RECEPT.		1.44		1P-20	15	R	R 16	1P-20		1.44			**AUDIT. COMP. RECEPT.				
		**AUDIT. COMP. RECEPT.			1.44	1P-20	17	R	R 18	1P-20			1.44		**AUDIT. COMP. RECEPT.				
		**AUDIT. COMP. RECEPT.	1.44			1P-20	19	R	R 20	1P-20	1.44				**AUDIT. COMP. RECEPT.				
		**AUDIT. COMP. RECEPT.		1.44		1P-20	21	R	R 22	1P-20		1.44			**AUDIT. COMP. RECEPT.				
		**AUDIT. COMP. RECEPT.			1.44	1P-20	23	R	R 24	1P-20			1.44		**AUDIT. COMP. RECEPT.				
		**AUDIT. COMP. RECEPT.	1.44			1P-20	25	R	R 26	1P-20	1.44				**AUDIT. COMP. RECEPT.				
		**AUDIT. COMP. RECEPT.		1.44		1P-20	27	R	R 28	1P-20		1.44			**AUDIT. COMP. RECEPT.				
		**AUDIT. COMP. RECEPT.			1.44	1P-20	29	R	R 30	1P-20			1.44		**AUDIT. COMP. RECEPT.				
		**AUDIT. COMP. RECEPT.	1.44			1P-20	31	R	R 32	1P-20	0.72				**RECEPT. CORR. 016				
		**AUDIT. COMP. RECEPT.		1.44		1P-20	33	R	R 34	1P-20		0.72			**RECEPT. CORR. 019				
		**AUDIT. COMP. RECEPT.			1.44	1P-20	35	R	R 36	1P-20			1.92		**SOUND RACK				
		**SPARE				1P-20	37		R 38	1P-20	0.54				**RECEPT. PROJ. BOOTH				
		**LOBBY RECEPTACLES		0.72		1P-20	39	R	R 40	1P-20		1.66			**PROJECTOR 208V				
		**SPARE				1P-20	41		R 42	1P-20			1.66						
3/4"	2#12	LED TV VIDEO WALL	1.76			1P-20	43	R	R 44	1P-20	1.38				AV RACK RECEPTS.				
3/4"	2#12	LED TV VIDEO WALL		1.76		1P-20	45	R	R 46	1P-20		1.38			AV RACK RECEPTS.				
		SPARE				1P-20	47		R 48	1P-20					SPARE				
		SPARE				1P-20	49		R 50	1P-20					SPARE				
		SPARE				1P-20	51		R 52	1P-20					SPARE				
		SPARE				1P-20	53		R 54	1P-20					SPARE				
CONTINUOUS LOADS (C)			0.00	125%			DEMAND (KVA)			0.00			FEED THRU LUGS		FED FROM:		AØ = 18.5 KVA BØ = 20.3 KVA CØ = 17.3 KVA I TOTAL 56.1 KVA		
NON-CONTINUOUS LOADS (NC)			0.00	100%						0.00			AØ BØ CØ		DP3				
RECEPTACLES LOADS (R)			51.25	10KVA + 50%			30.63												
RECEPTACLES LOADS (R)			0.00	100%			0.00												
LARGEST MOTOR (LM)			7.49	125% OF LARGEST			9.36										TOTAL CONNECTED = 56 KVA		
ELEVATOR (EL)			0.00	100%			0.00										TOTAL DEMAND = 40 KVA		
-SUB-PANEL LOADS ARE INCLUDED IN THE CONNECTED AND DEMAND CALCULATIONS.																			
-THE LOAD DESCRIPTION IN THE PANEL DIRECTORY CARD FOR EACH CIRCUIT SHALL HAVE DETAIL TO ALLOW EACH CIRCUIT TO BE DISTINGUISHABLE FROM ALL OTHERS.																			
-THE PANEL SHALL BE MARKED TO INDICATE THE DEVICE OR EQUIPMENT WHERE THE POWER SUPPLY ORIGINATES.																			
-THE PANEL SHALL BE LEGIBLY MARKED WITH THE MAXIMUM AVAILABLE FAULT CURRENT, INCLUDING THE DATE THE CALCULATION WAS PERFORMED.																			

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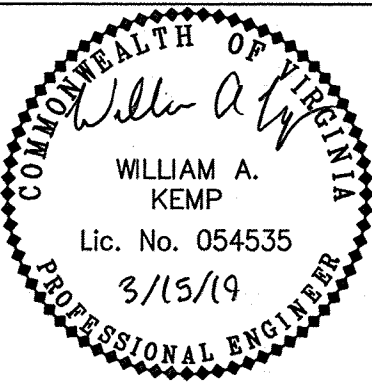

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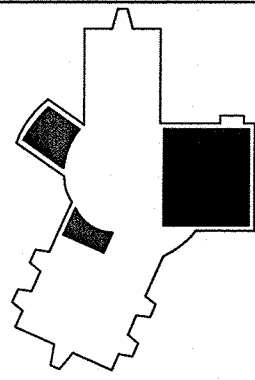
INSTITUTE FOR ADVANCED LEARNING AND
RESEARCH
CONFERENCE FACILITY
IMPROVEMENTS

150 SLAYTON AVENUE
DANVILLE, VA 24540

SEAL



KEY PLAN



SCALE

As indicated

1	Schem / Design Dev Submission	07.01.18
No.	Description	Date

REVISIONS

DRAWN BY ELP

APPROVED BY _____ WAK

CHECKED BY : WAK

DATE JANUARY 15, 2019

TITLE

PANEL SCHEDULES

DEB Project Code # 885-18321-000

PROJECT NO.	50100160
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E4.00

SHEET NO.

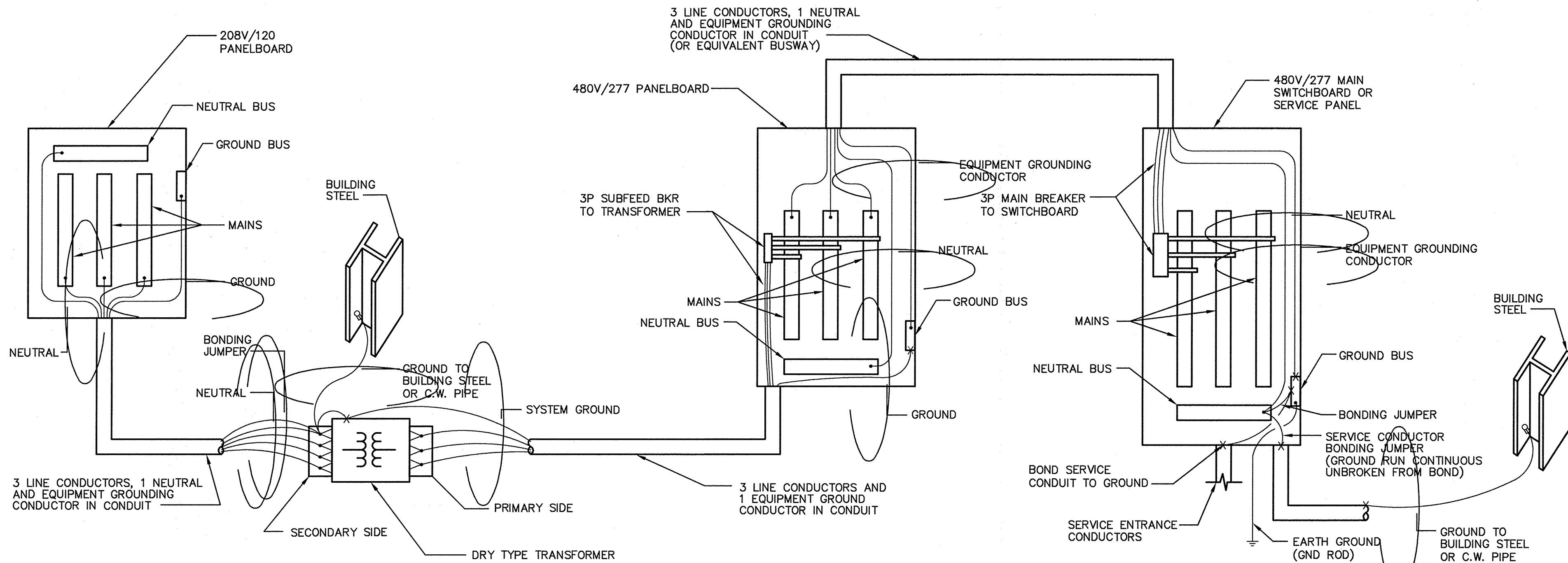
E

D

C

B

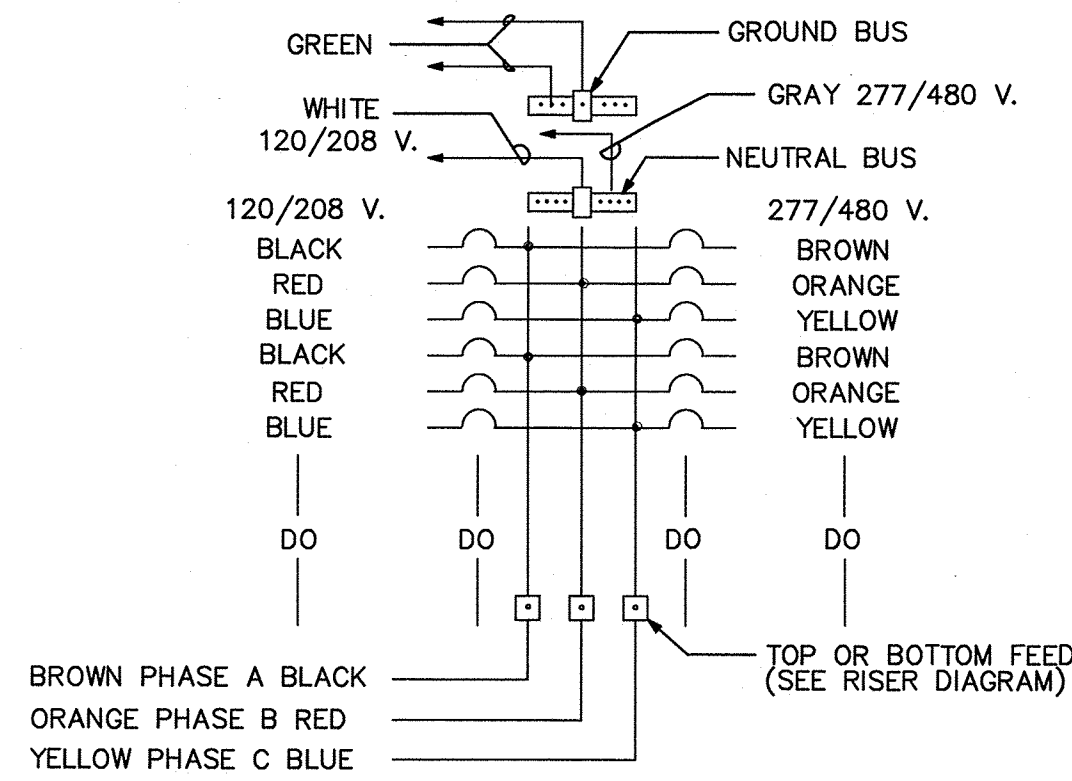
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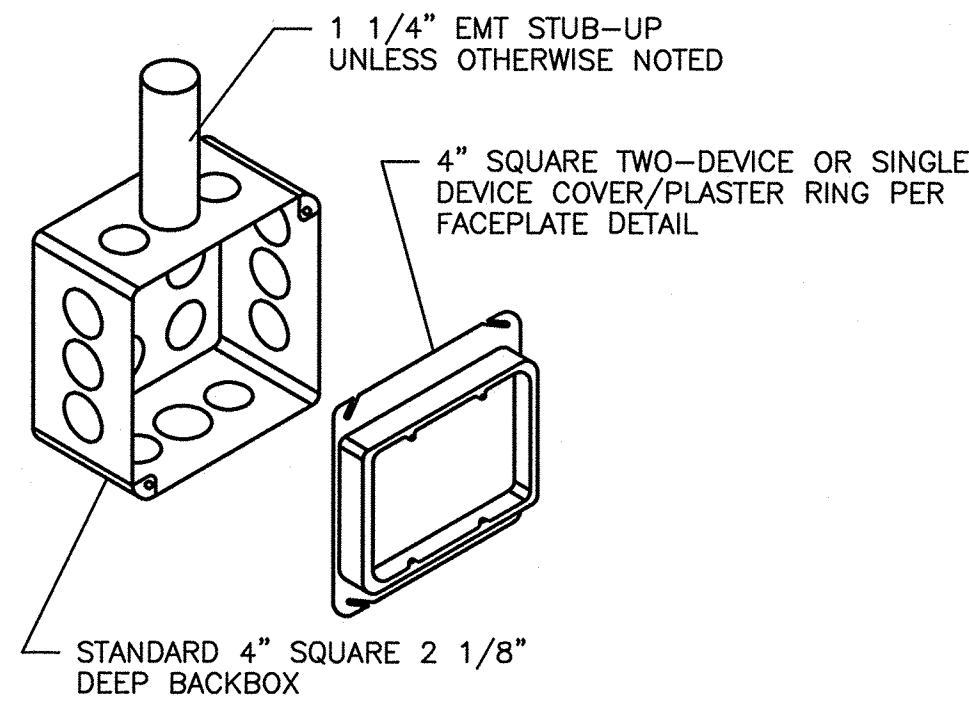
NOTES:

1. ALL CONDUCTORS, NEUTRALS, GROUNDS AND CONDUITS AS SIZED ON RISER AND PANEL SCHEDULES.
2. SYSTEM GROUND CONDUCTOR SHALL BE CONTINUOUS (UNBROKEN) AND SHALL BE RUN DIRECTLY FROM CONNECTION.

1 TYPICAL BONDING AND GROUNDING DIAGRAM
E5.00 NOT TO SCALE

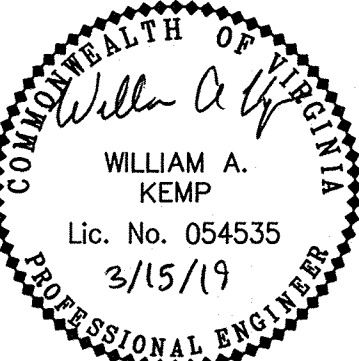


2 WIRE COLOR CODING
E5.00 NOT TO SCALE

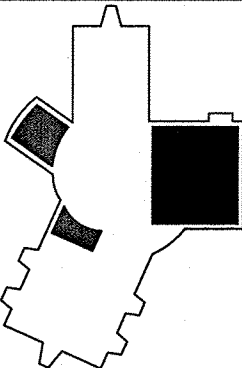


3 AV BOX DETAIL
E5.00 NOT TO SCALE

SEAL



KEY PLAN



SCALE

As indicated

No.	Description	Date
1	Schem / Design Dev Submission	07.01.18

REVISIONS

DRAWN BY	ELP
APPROVED BY	WAK
CHECKED BY	WAK
DATE	JANUARY 15, 2019

TITLE

**ELECTRICAL
DETAILS**

150 SLAYTON AVENUE
DANVILLE, VA 24540

COMMONWEALTH OF VIRGINIA
William A. Kemp
 WILLIAM A. KEMP
 Lic. No. 054535
 3/15/19
 PROFESSIONAL ENGINEER

As indicated

1	Schem / Design Dev Submission	07.01.18
No.	Description	Date

DRAWN BY	ELP
APPROVED BY	WAK
CHECKED BY	WAK
DATE	JANUARY 15, 2019

GREAT HALL LIGHTING DIAGRAMS

PROJECT NO. 50100160

E5.01

NO.



NOTES:

- 1) ALL CONTROL WIRING IS PROVIDED BY LIGHTING CONTROL SYSTEMS INTEGRATOR.
- 2) TOTAL COMBINED LENGTH OF C HOIST CONTROL AND ES (EMERGENCY STOP) WIRING RUNS CANNOT EXCEED 500 FEET (150 METERS).
- 3) A MAXIMUM OF 3 EMERGENCY STOP STATIONS PER SYSTEM.
- 4) ALL C AND ES RUNS SHALL BE CONTINUOUS UNSPLICED RUNS.
- 5) PHASE SEQUENCING FOR 3-PHASE POWER MUST BE OBSERVED AND BE CONSISTENT.
- 6) HOIST CONTROL AND EMERGENCY STOP WIRING MUST BE IN GROUNDING METAL CONDUIT UNLESS SHIELDED CABLE (CAT5E STP) IS USED.



IALR
150 SLAYON AV
DANVILLE, VA 24540

AUDIOVISUAL SYSTEMS DRAWINGS

DRAWING INDEX															
		0	1												
		ISSUE FOR REVIEW	ISSUE FOR COORDINATION												
		10/25/2018	1/8/2019												
TA00-000	AUDIOVISUAL DRAWING INDEX	0	1												
TA00-001	AUDIOVISUAL NOTES AND RESONSIBILITIES	0													
TA01-101	GREAT HALL - AUDIOVISUAL FLOOR FACILITIES PLANS	0	1												
TA01-111	GREAT HALL - AUDIOVISUAL CEILING FACILITIES PLANS	0													
TA01-131	GREAT HALL - SALON A & B - AUDIOVISUAL SCREEN EQUIPMENT ELEVATION	0	1												
TA01-132	GREAT HALL - SALON A & B - AUDIOVISUAL SCREEN ELECTRICAL ELEVATION	0	1												
TA01-133	GREAT HALL - SALON A & C - AUDIOVISUAL DISPLAY ELEVATIONS	0	1												
TA01-134	GREAT HALL - SALON E & F - AUDIOVISUAL DISPLAY ELEVATIONS		1												
TA01-135	GREAT HALL - SALON B & D - AUDIOVISUAL DISPLAY ELEVATIONS		1												
TA01-201	GREAT HALL - AUDIOVISUAL FLOOR ELECTRICAL PLANS	0	1												
TA01-211	GREAT HALL - AUDIOVISUAL CEILING ELECTRICAL PLANS	0	1												
TA01-231	GREAT HALL - AUDIOVISUAL RISER DIAGRAMS	0	1												
TA01-232	GREAT HALL - AUDIOVISUAL RISER DIAGRAMS		1												
TA02-101	AUDITORIUM - AUDIOVISUAL FACILITIES PLANS	0	1												
TA02-131	AUDITORIUM - AUDIOVISUAL VIDEO WALL ELEVATION	0	1												
TA02-201	AUDITORIUM - AUDIOVISUAL ELECTRICAL PLANS	0	1												
TA02-231	AUDITORIUM - AUDIOVISUAL RISER DIAGRAMS	0	1												
TA03-101	EXECUTIVE BOARDROOM - AUDIOVISUAL FACILITIES PLANS	0	1												
TA03-131	EXECUTIVE BOARDROOM - AUDIOVISUAL VIDEO WALL ELEVATION	0	1												
TA03-201	EXECUTIVE BOARDROOM - AUDIOVISUAL ELECTRICAL PLANS	0	1												
TA03-231	EXECUTIVE BOARDROOM - AUDIOVISUAL RISER DIAGRAMS	0	1												



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150 SLAYTON AV
DANVILLE, VA 24540

The client has reviewed this drawing and asks that the following actions be taken:

☐ Approved, No Exceptions Taken
☐ Make Corrections Noted.
☐ No Resubmission Required
☐ Rejected, Revise & Resubmit

Reviewed By: _____
Date: _____

1	01/08/2019	ISSUE FOR COORDINATION
0	10/25/2018	ISSUE FOR REVIEW
REV	DATE	DESCRIPTION

DATE: 10/25/2018
SCALE: AS NOTED
DRAWN: B.HOAGE
ENG BY: S. O'DONNELL

SHEET SIZE ARCH D 36 X 24

IALR
COVER PAGE
AND INDEX



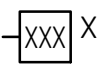













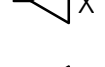






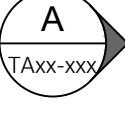
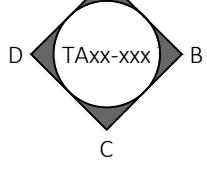

DRAWING NO.
TA00-000

PROJECT NO.
L06877

SCHEDULE OF RESPONSIBILITIES																											
		SUPPLIED BY:					INSTALLED BY:							SUPPLIED BY:					INSTALLED BY:								
		GC	BEC	SCC	AVC	OWNER	OTHER	GC	BEC	SCC	AVC			OWNER	OTHER	N/A	GC	BEC	SCC	AVC	OWNER	OTHER	N/A				
CEILING MOUNTED EQUIPMENT														MISC. FURNITURE													
PROJECTION SCREENS					●						●			LECTERN					●						●		
PROJECTION SCREEN CONTROLLERS AND SWITCHES					●						●			LECTERN AV EQUIPMENT					●						●		
VIDEO PROJECTORS AND LENSES					●						●			LECTERN AV CABLE TERMINATIONS					●								
VIDEO PROJECTOR FIXED MOUNTS													●	CUTOUTS IN LECTERN FOR AV EQUIPMENT					●						●		
VIDEO PROJECTOR MOTORIZED MOUNTS					●						●			CUTOUTS IN LECTERN FOR EQUIPMENT VENTILATION					●						●		
HANGING MONITORS					●						●			CREDENZA/CABINET					●							●	
HANGING MONITOR MOUNTS					●						●			CREDENZA/CABINET AV EQUIPMENT					●						●		
CEILING MOUNTED CAMERAS													●	CREDENZA/CABINET AV CABLE TERMINATIONS					●						●		
STOCK CEILING CAMERA MOUNTS OR ENCLOSURES													●	CUTOUTS IN CREDENZA/CABINET FOR AV EQUIPMENT					●						●		
CUSTOM CEILING CAMERA MOUNTS OR ENCLOSURES													●	CUTOUTS IN CREDENZA/CABINET FOR VENTILLATION					●						●		
CEILING SPEAKERS					●						●																
CEILING MICROPHONES													●	ELECTRICAL INFRASTRUCTURE FOR AV SYSTEMS													
CEILING WIRELESS AV ANTENNA					●						●			POWER OUTLETS			●										
STRUCTURAL ATTACHMENTS FOR ANY CEILING DEVICES					●						●			JUNCTION AND PULL BOXES			●					●					
ALL CEILING PENETRATIONS AND CUT OUTS			●						●					CONDUITS WITH PULL STRINGS			●					●					
POWER FOR ANY CEILING DEVICES			●						●					LADDER RACK OR CABLE TRAY			●					●					
LAN DROPS FOR ANY CEILING DEVICES											●			LOW VOLTAGE AV SIGNAL CABLE					●						●		
														AV SIGNAL CONNECTORS AND TERMINATIONS					●								
														WALL BACKBOXES			●					●					
FRONT PROJECTION SCREENS													●	FLOOR BOXES			●					●					
PROJECTION SCREEN CONTROLLERS AND SWITCHES													●	FLOOR BOX POWER OUTLETS			●					●					
REAR PROJECTION SCREENS														FLOOR BOX TELE/DATA OUTLETS AND PLATES												●	
REAR PROJECTION MIRROR ASSEMBLY													●	AV CONNECTOR PLATES FOR WALL OR FLOOR BOXES					●						●		
WALL MOUNTED CAMERAS					●						●																
STOCK CAMERA MOUNTS AND ENCLOSURES													●														
CUSTOM CAMERA MOUNTS AND ENCLOSURES					●						●			ROOM ENVIRONMENT SYSTEMS													
INTERACTIVE WHITEBOARDS					●						●			DIMMING SYSTEM EQUIPMENT							●						●
WALL MOUNTED MONITORS					●						●			DIMMING SYSTEM PROGRAMMING							●						●
WALL MOUNTED WIRELESS AV ANTENNA													●	DIMMING SYSTEM AV CONTROL INTERFACE					●						●		
WALL MOUNTED SPEAKERS					●						●			AV CONNECTION TO DIMMING SYSTEM INTERFACE					●						●		
STOCK MONITOR AND SPEAKER MOUNTS													●	MOTORIZED WINDOW SHADES AND DRAPES							●					●	
CUSTOM MONITOR AND SPEAKER MOUNTS					●						●			MOTORIZED SHADES CONTROL SWITCHES/BUTTONS							●				●		
BLOCKING AND STRUCTURAL SUPPORTS IN ANY WALL			●						●					MOTORIZED SHADES LOW VOLTAGE CONTROL INTERFACE							●					●	
RECESSED WALL OPENINGS, TRIMS AND FINISHES			●						●					AV CONNECTION TO SHADES CONTROL INTERFACE					●								
CONTROL PANELS													●	MOVABLE PARTITION SENSING INTERFACE													●
NON STANDARD CONTROL PANEL BACKBOXES			●						●					AV CONNECTION TO PARTITION SENSING INTERFACE													●
STANDARD BACKBOXES FOR ANY WALL DEVICES			●						●					TELEPHONE AND DATA (TEL/DATA)													
POWER FOR ANY WALL DEVICES			●						●																		
LAN DROPS FOR ANY WALL DEVICES											●			ANALOG TELEPHONE (POTS) DISTRIBUTION													●
														DATA NETWORK (LAN) SERVICES													
														DATA NETWORK (LAN) SWITCHES AND ROUTERS							●					●	
MICROPHONES					●						●			LAN CABLING							●					●	
MICROPHONE TERMINATIONS					●						●			LAN OUTLETS AND PLATES							●				●		
HOLES IN TABLE FOR MICROPHONES							●						●	LAN CONNECTORS AND TERMINATIONS							●				●		
TABLE BOXES							●						●	IP ADDRESS ASSIGNMENTS FOR ALL AV DEVICES							●				●		
TABLE BOX AV TERMINATIONS							●						●														
TABLE BOX POWER TERMINATIONS							●						●	CABLE OR SATELLITE TELEVISION (CATV/SATV)													
TABLE BOX LAN TERMINATIONS							●						●	CABLE/SATELLITE/PTV TUNERS													●
CUTOUTS IN TABLE FOR TABLE BOXES							●						●	CABLE/SATELLITE TV CABLING													●
POWER FOR ANY UNDER TABLE DEVICES							●						●	CABLE/SATELLITE TV OUTLET PLATES													●
LAN DROPS FOR ANY UNDER TABLE DEVICES							●						●	CABLE/SATELLITE TV CONNECTORS AND TERMINATIONS													●
														SATELLITE TV DISH													●

PROJECT NOTES

GENERAL:		LIGHTING:		ROOM ACOUSTICS:		ELECTRICAL:	
1.	THESE DRAWINGS PROVIDE ADVICE AND INFORMATION TO THE PROJECT OWNER, ARCHITECT AND ENGINEERS. THESE DRAWINGS ARE NOT INTENDED AS CONSTRUCTION DOCUMENTS, AND SHOULD NOT BE USED AS SUCH, ONCE ACCEPTED BY THE PROJECT OWNER, THE INFORMATION INCLUDED IN THESE DRAWINGS SHOULD BE INCORPORATED INTO THE PROJECT CONSTRUCTION DOCUMENTS AS ISSUED BY THE ARCHITECT AND/OR ENGINEERS.	1.	THE TOTAL NUMBER OF CONTROLLABLE ZONES IS DEPENDENT UPON ROOM SIZE AND FUNCTION. REFER TO AV REFLECTED CEILING DRAWINGS FOR SUGGESTED LIGHTING ZONES.	1.	ROOM AMBIENT NOISE NOT TO EXCEED 40dB A-WEIGHTED.	1.	ELECTRICAL POWER CIRCUITS AND OUTLETS SHOWN ON THESE DRAWINGS ARE FOR THE EXCLUSIVE USE OF THE AUDIOVISUAL SYSTEMS. CIRCUITS AND OUTLETS FOR OTHER PURPOSES ARE SPECIFIED ELSEWHERE.
2.	ANY DISCREPANCIES BETWEEN THESE DOCUMENTS AND CONSTRUCTION DOCUMENTS ARE TO BE REFERRED TO THE ARCHITECT FOR RESOLUTION.	2.	LIGHT ON DISPLAYS OR SCREENS MUST BE LESS THAN 15 FC. ANY FIXTURE THAT CASTS DIRECT LIGHT ON A DISPLAY OR SCREEN MUST BE PLACED IN AN INDEPENDENT ZONE.	2.	AN NC-30 NOISE CRITERIA RATING SHOULD BE MAINTAINED.	2.	ALL AV SYSTEM OUTLETS SHALL BE ISOLATED GROUND STYLE OUTLETS. ALL CIRCUITS SHALL BE PROVIDED WITH DEDICATED INSULATED GROUNDS RUN BACK TO THE PANEL. IN EACH ROOM ALL CIRCUITS SHALL BE FED FROM THE SAME PHASE AND PANEL.
3.	THE FINAL LOCATION OF ALL INDICATED DEVICES SHALL BE COORDINATED BY THE ARCHITECT.	3.	INDIRECT FLORESCENT LIGHTING FIXTURES, CAPABLE OF PROVIDING EVEN ILLUMINATION WITHOUT SHADOWS, ARE SUGGESTED IN ROOMS WITHOUT VIDEO TELECONFERENCING.	3.	MAXIMUM REVERBERATION TIME SHOULD NOT EXCEED 600ms FOR ALL ROOMS.	3.	POWER CIRCUITS FOR MOTORIZED PROJECTION SCREENS AND LIFTS SHALL NOT BE FED FROM THE SAME PHASE AS OTHER AUDIOVISUAL EQUIPMENT.
FURNITURE:		ENVIRONMENT:		TEL/DATA/TV:			
1.	THE CABINETS CONTAINING AUDIOVISUAL EQUIPMENT MUST PROVIDE FOR THE CIRCULATION OF AIR TO REMOVE HEAT GENERATED BY AV EQUIPMENT. VENTS MUST BE PROVIDED AT FRONT/BOTTOM AND TOP/REAR OF CABINET. FAILURE TO DO SO MAY RESULT IN DAMAGE TO THE AUDIOVISUAL EQUIPMENT.	1.	LIGHT THROUGH EXTERIOR OR INTERIOR WINDOWS MAY CAUSE ISSUES IN ROOMS WITH VIDEO TELECONFERENCING BY ALLOWING A "MIX" OF LIGHTING COLOR TEMPERATURES.	1.	UNLESS OTHERWISE NOTED, THIS DRAWING ONLY REFLECTS THE MINIMUM TEL/DATA REQUIREMENTS NEEDED FOR THE USE OF THE AUDIO VISUAL EQUIPMENT AND SYSTEMS.	4.	THE SIZE OF ALL WIREWAYS, BACK BOXES, AND CONDUITS SHOWN ON THESE DRAWINGS MUST BE CONFIRMED BY THE ARCHITECT AND ELECTRICAL ENGINEER. THE SIZES SHOWN ARE RECOMMENDATIONS TO THE ELECTRICAL ENGINEER ONLY.
2.	THE DOORS ON THE SECTIONS CONTAINING THE EQUIPMENT RACKS MUST BE REMOVABLE OR HINGED TO PERMIT 180° SWING TO ALLOW FOR SERVICING OF THE EQUIPMENT.	2.	BLACKOUT SHADES ARE REQUIRED ON ALL WINDOWS IN ROOMS WITH VIDEO TELECONFERENCING, AND ON ALL EXTERIOR WINDOWS IN ANY ROOM WITH A DISPLAY OR SCREEN. IT IS RECOMMENDED THAT THESE SHADES BE MOTORIZED, WITH LOW VOLTAGE CONTROL INTERFACES.	2.	ALL INDICATED LAN, TELEPHONE, CATV, MATV, AND DSS DROPS SHALL BE PROVIDED AND INSTALLED BY THE STRUCTURED CABLING CONTRACTOR.	5.	ALL CONDUIT, PULL BOXES, TROUGH, WIRE WAYS, RACEWAYS, LADDER RACK AND OTHER INFRASTRUCTURE TO PROVIDE CABLE PATHWAYS FOR AUDIOVISUAL CABLING SHALL BE PROVIDED AND INSTALLED BY BASE ELECTRICAL CONTRACTOR.
		3.	TO THE FULLEST EXTENT POSSIBLE ALL FINISHES IN VIDEO TELECONFERENCE ROOMS SHOULD BE OF A NEUTRAL COLOR, LIGHT GRAY TO LIGHT BLUE IS RECOMMENDED.	3.		6.	ALL CONDUIT SHALL BE CLEAN, DRY AND DEBURRED, WITH PULL STRINGS LEFT INSIDE.
						7.	AUDIOVISUAL CONDUIT RUNS SHOULD BE KEPT FURTHER THAN 12 INCHES FROM ALL POWER AND LIGHTING CONDUITS. AV CONDUITS MUST NOT BE RUN PARALLEL TO POWER OR LIGHTING CONDUITS. WHERE AV CONDUITS MUST CROSS POWER OR LIGHTING CONDUITS, THEY MUST DO SO AT RIGHT ANGLES.
						8.	MOTORIZED SHADE AND DRAPE SYSTEMS SHOULD BE OUTFITTED WITH LOW VOLTAGE CONTROLLERS FOR INTERFACING WITH THE AUDIOVISUAL CONTROL SYSTEM. COORDINATE THESE CONTROLLERS WITH AUDIOVISUAL CONTRACTOR PRIOR TO PURCHASE OR INSTALLATION.

SYMBOL LEGEND		ABBREVIATIONS	
AUDIOVISUAL DEVICE OR JUNCTION BOX:			
STANDARD WALL BOX 		CEILING DEVICE 	
SPECIALIZED WALL BOX 		FLOOR BOX 	
"XXX" DENOTES DEVICE OR BOX TYPE. 'Y' IS BOX OR DEVICE NUMBER, WHEN MORE THAN ONE IS USED. REFER TO DETAILED JUNCTION BOX AND DEVICE SCHEDULE FOR MORE INFORMATION.			
POWER OUTLETS:			
WALL MT		CLNG MT	
CLOCK 	X		X
DUPLEX 	X		X
QUAD 	X		X
TWIST-LOCK 	X		X
POWER WHIP 	X		X
BUILDING STANDARD POWER OUTLETS, ALL TO BE 120V/20A UNLESS NOTED OTHERWISE. "X" DENOTES SPECIAL TYPES, AS FOLLOWS:			
30A	208V/30A CIRCUIT		
240V	240V CIRCUIT		
CL	CLOCK STYLE, RECESSED OUTLET 120V/20A		
DED	DEDICATED CIRCUIT		
IG	ISOLATED GROUND		
UPS	UNINTERRUPTIBLE POWER SUPPLIED CIRCUIT		
PW	POWER WHIP TERMINATION 120V, 20A		
TEL/DATA AND TV OUTLETS:			
WALL MT		CLNG MT	
LAN/V.OIP 	X		X
LAN 	X		X
PHONE 	X		X
CATV OR SATV 	X		X
BUILDING STANDARD COMMUNICATION OUTLETS OF INDICATED TYPE, WHERE 'X' DENOTES NUMBER OF CIRCUITS REQUIRED WHEN GREATER THAN ONE.			
DRAWING INDICATORS:			
		DETAIL INDICATOR: REFER TO INDICATED DETAIL AND DRAWING NUMBER FOR ADDITIONAL DETAIL FOR INDICATED ITEM. WHERE "a" DENOTES DETAIL NUMBER OR LETTER AND "Avn-nn" DENOTES DRAWING NUMBER	
		ELEVATION INDICATOR, SINGLE VIEW: REFER TO INDICATED DETAIL AND DRAWING NUMBER FOR ELEVATION VIEW FROM INDICATED PERSPECTIVE. WHERE "a" DENOTES DETAIL NUMBER OR LETTER AND "Avn-nn" DENOTES DRAWING NUMBER	
		ELEVATION INDICATOR, MULTIPLE VIEWS: REFER TO INDICATED DETAIL AND DRAWING NUMBERS FOR ELEVATION VIEW FROM INDICATED PERSPECTIVES. WHERE "a", "b", "c" OR "d" DENOTES DETAIL NUMBER OR LETTER AND "Avn-nn" DENOTES DRAWING NUMBER	
		SECTION INDICATOR: REFER TO INDICATED DETAIL AND DRAWING NUMBER FOR SECTIONAL VIEW ALONG INDICATED LINE AND PERSPECTIVE. WHERE "a" DENOTES DETAIL NUMBER OR LETTER AND "Avn-nn" DENOTES DRAWING NUMBER	
		A AMPERE	
		ABAN ABANDON	
		ABS ABSOLUTE	
		AC ALTERNATING CURRENT	
		ACC ACCESSIBLE	
		ACT ACOUSTICAL CEILING TILE	
		ACR AUDIO CASSETTE RECORDER	
		ACU AUDIO CONFERENCE UNIT	
		ADA AMERICANS WITH DISABILITIES ACT	
		ADDL ADDITIONAL	
		ADDM ADDITIONUM	
		ADJ ADJUSTABLE	
		AFF ABOVE FINISHED FLOOR	
		AFC ABOVE FINISHED CEILING	
		AIA AMERICAN INSTITUTE OF ARCHITECTS	
		AMP AMPLIFIER	
		ANSI AMERICAN NATIONAL STANDARDS	
		APROX APPROXIMATE	
		ARCH ARCHITECT	
		ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS	
		ATSC ADVANCED TELEVISION STANDARDS COMMITTEE	
		AUX AUXILIARY	
		AV AUDIOVISUAL	
		AVC AUDIOVISUAL CONTRACTOR	
		AVG AVERAGE	
		AVWG AMERICAN WIRE GUAGE	
		AWT ACOUSTICAL WALL TREATMENT	
		BEC BUILDING ELECTRICAL CONTRACTOR	
		BFC BELOW FINISHED CEILING	
		BRF BELOW FINISHED FLOOR	
		BTU BRITISH THERMAL UNIT	
		BTU/HR BRITISH THERMAL UNIT PER HOUR	
		BTWN BETWEEN	
		CAB CONDUIT	
		CAC CEILING ATTENUATION CLASS	
		CALC CALCULATE	
		CAP CAPACITY	
		CATV COMMUNITY ANTENNA TELEVISION	
		CCTV CLOSED CIRCUIT TELEVISION	
		cd CANDELA	
		CD CONSTRUCTION DOCUMENTS	
		CKT CIRCUIT	
		CKT BKR CIRCUIT BREAKER	
		CL CENTER LINE	
		CLG CEILING	
		CLG HT CEILING HEIGHT	
		CMPTR COMPUTER	
		COAX COAXIAL CABLE	
		CONF CONFERENCE	
		CONT CONTINUE	
		CP CONTROL PANEL	
		CTR CENTER	
		CTRL CONTROL	
		D DEPTH	
		dB DECIBEL	
		dBa SOUND PRESSURE LEVEL, A-WEIGHTED	
		dBm POWER LEVEL, REFERENCED TO 1mw	
		dBV VOLTAGE LEVEL, REFERENCED TO 1V	
		DC DIRECT CURRENT	
		DEG DEGREE	
		DET DETAIL	
		DIA DIAMETER	
		DN DIGITAL MEDIA	
		DPDT DOUBLE POLE, DOUBLE THROW	
		DPST DOUBLE POLE, SINGLE THROW	
		DVD DIGITAL VERSATILE (VIDEO) DISC	
		DVI DIGITAL VIDEO INTERFACE	
		E EAST	
		EA EACH	
		EAC ELECTRICAL CONTRACTOR	
		ECT ET CETERA	
		EIA ELECTRONIC INDUSTRY ALLIANCE	
		EL ELEVATION	
		EQ EQUAL	
		EQUIP EQUIPMENT	
		ER EQUIPMENT ROOM	
		F FAHRENHEIT	
		FB FLOOR BOX	
		FC FOOT-CANDLE	
		FL FOOT-LAMBERT	
		FO FLOOR PLAN	
		FP FINISHED OPENING	
		FREQ FREQUENCY	
		FT FOOT OR FEET	
		G GROUND	
		GC GENERAL CONTRACTOR	
		GEN GENERAL	
		GND GROUND	
		HD HIGH	
		HD HIGH DEFINITION	
		HDMI HIGH DEFINITION MULTIMEDIA INTERFACE	
		HDTV HIGH DEFINITION TELEVISION	
		HF HIGH FREQUENCY	
		HR HOUR	
		HT HEIGHT	
		HV HIGH VOLTAGE	
		Hz HERTZ	
		I/O INPUT/OUTPUT	
		ID INSIDE DIAMETER	
		IDF INTERMEDIATE DISTRIBUTION FRAME	
		INCH INCH	
		INFRARED INFRARED	
		ISO INTERNATIONAL STANDARDS ORG.	
		ITU INTERNATIONAL TELECOMMUNICATIONS UNION	
		J-BOX JUNCTION BOX	
		kHz KILOHERTZ	
		L LENGTH	
		LBS POUND	
		LCD LIQUID CRSTAL DISPLAY	
		LUM LUMEN	
		LV LOW VOLTAGE	
		LVC LOW VOLTAGE CONTROL	
		MATV MASTER ANTENNA TELEVISION	
		MAX MAXIMUM	
		MHz MEGAHERTZ	
		MIC MICROPHONE	
		MIN MINIMUM	
		MSC MISCELLANEOUS	
		MIX MIXER	
		MON MONITOR	
		mSEC MILLISECOND	
		MATRIX MATRIX	
		mV MILLIVOLT	
		mW MILLIWATT	
		N NORTH	
		N/A NOT APPLICABLE	
		NC NOISE CRITERIA	
		NC NORMALLY CLOSED	
		NIC NOT IN CONTRACT	
		NO NORMALLY OPEN	
		NPT NATIONAL PIPE THREAD	
		NOT NOT TO SCALE	
		NTSC NATIONAL TELEVISION SYSTEM COMMITTEE	
		NUM NUMBER	
		OD OUTSIDE DIAMETER	
		OFE OWNER FURNISHED EQUIPMENT	
		PAL PHASE ALTERNATING LINE	
		PC PERSONAL COMPUTER	
		PART PART NUMBER	
		QTY QUANTITY	
		R RADIUS	
		RC REMOTE CONTROL	
		RCP REFLECTED CEILING PLAN	
		REC RECESSED	
		RECEPT RECEPTACLE	
		RF RADIO FREQUENCY	
		RM ROOM	
		RMS ROOT MEAN SQUARE	
		S SOUTH	
		SATV SATELLITE TELEVISION	
		SIG STRUCTURED CABLING CONTRACTOR	
		SCRN SCREEN	
		SEC SECOND	
		SECAM SEQUENTIAL COLOR WITH MEMORY	
		SIG SIGNAL	
		SMPTe SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS	
		SPDT SINGLE POLE, DOUBLE THROW	
		SPKR SPEAKER	
		SPL SOUND PRESSURE LEVEL	
		SPST SINGLE POLE, SINGLE THROW	
		STC SOUND TRANSMISSION CLASS	
		SUB SUBWOFFER	
		SW SWITCH	
		TB TABLE BOX	
		TBD TO BE DETERMINED	
		TEL TELEPHONE	
		TEMP TEMPERATURE	
		TIA TELECOMMUNICATIONS INDUSTRY ASSOCIATION	
		TR TELECOMMUNICATIONS ROOM	
		TV TELEVISION	
		TYP TYPICAL	
		UHF ULTRA HIGH FREQUENCY	
		UNFO UNLESS NOTED OTHERWISE	
		UON UNLESS OTHERWISE NOTED	
		UPS UNINTERRUPTIBLE POWER SUPPLY	
		V VOLT	
		V VOLT, ALTERNATING CURRENT	
		VOC VOLT, DIRECT CURRENT	
		VCR VIDEO CASSETTE RECORDER	
		VHF VERY HIGH FREQUENCY	
		VGA VIDEO GRAPHICS ARRAY	
		VOL VOLUME	
		VTC VIDEO TELECONFERENCE	
		W WEST	
		W WATT	
		W/ WITH	
		W/ WITHOUT	
		WT WEIGHT	
		XFMR TRANSFORMER	

IALR
150 SLAYTON AV
DANVILLE, VA 24540

The client has reviewed this drawing and asks that the following actions be taken:

- ☐ Approved, No Exceptions Taken
- ☐ Make Corrections Noted.
- ☐ No Resubmission Required
- ☐ Rejected, Revise & Resubmit

Reviewed By: _____
Date: _____

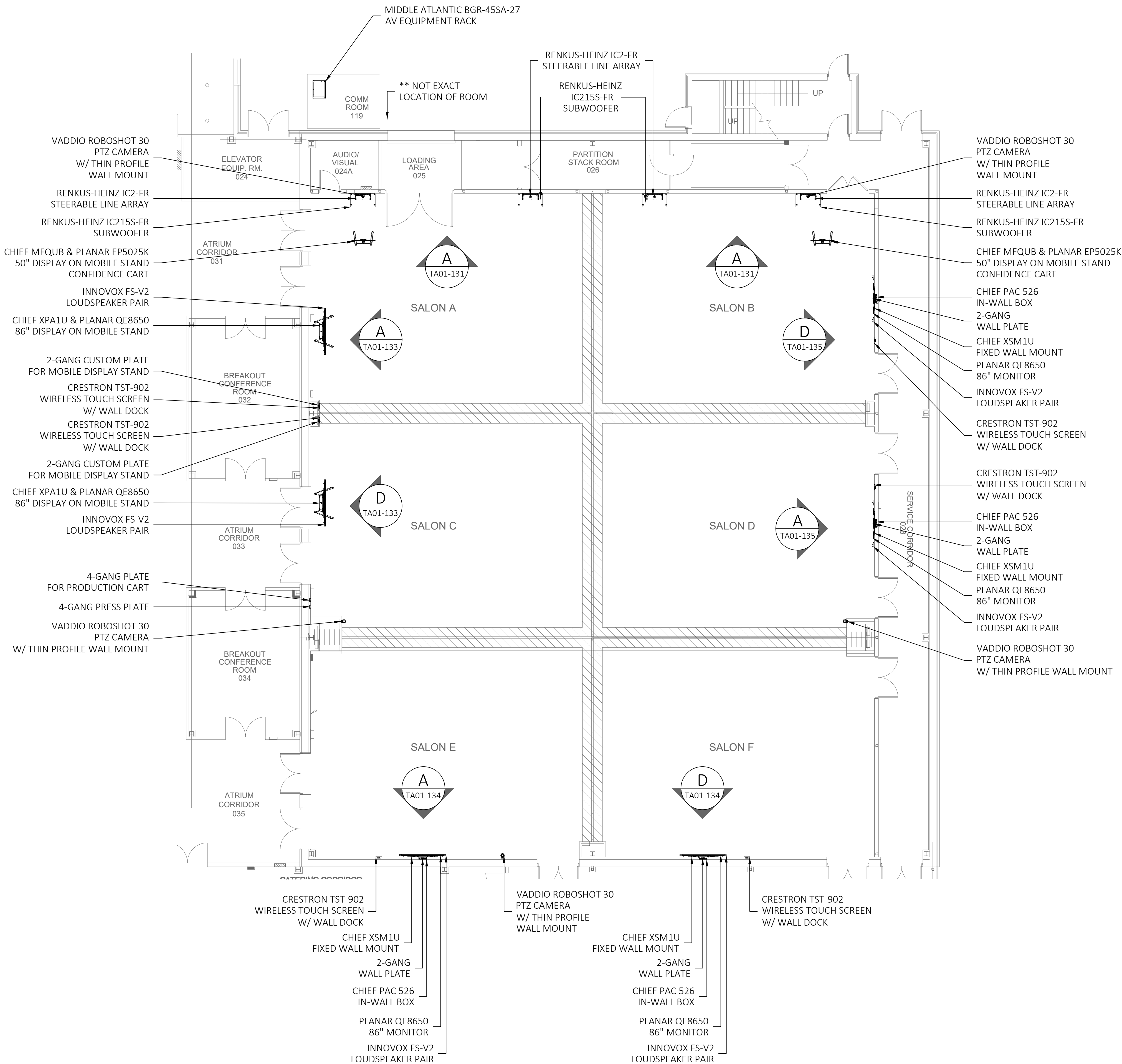
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0	10/25/2018	ISSUE FOR REVIEW
REV	DATE	DESCRIPTION

DATE: 10/25/2018
SCALE: 1/8" = 1'-0"
DRAWN: B.HOAGE
ENG BY: S.ODONNELL

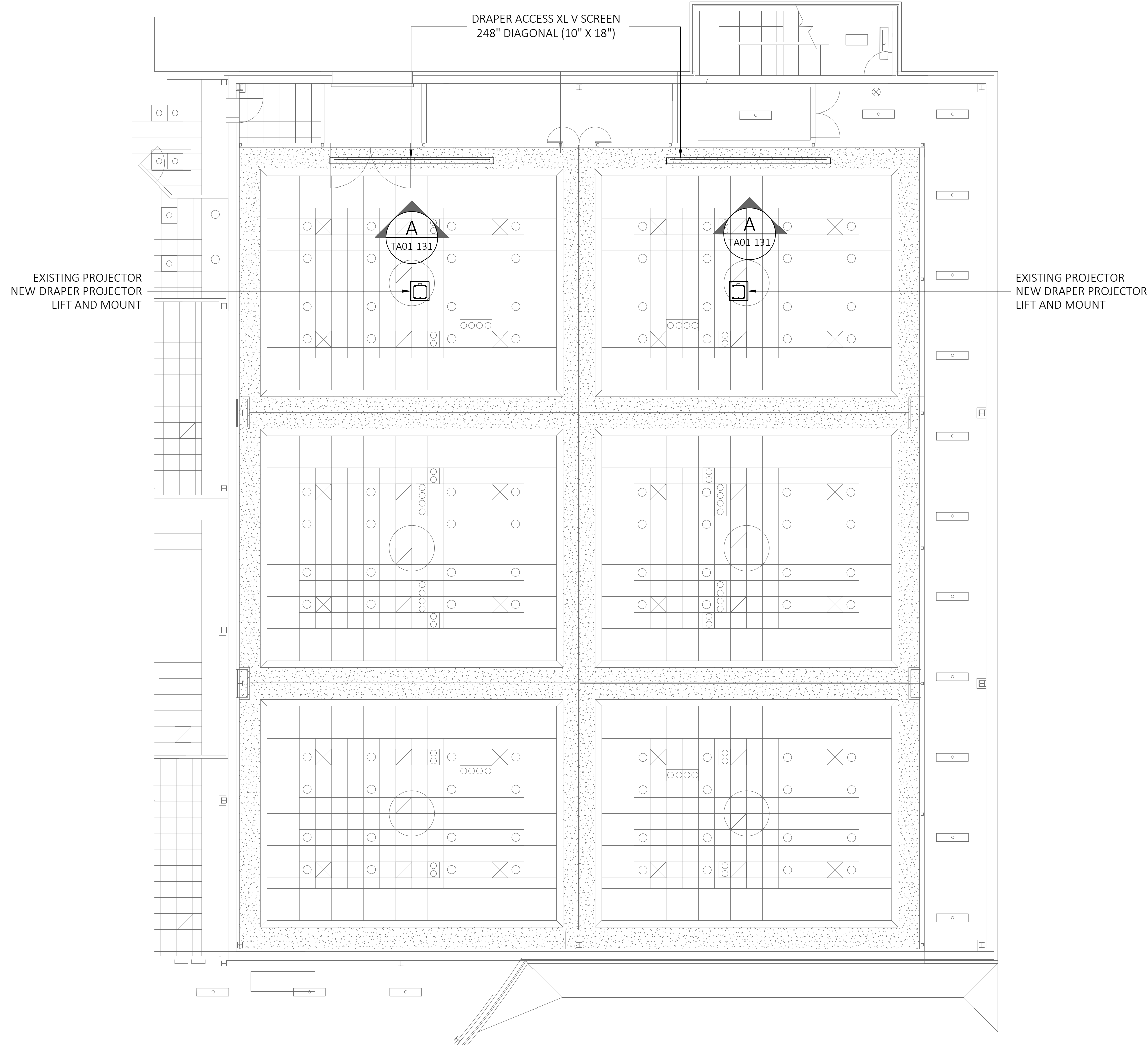
SHEET SIZE ARCH D 36 X 24

GREAT HALL
AUDIOVISUAL
FACILITIES
FLOOR
PLAN

DRAWING NO.
TA01-101
PROJECT NO.
L06877



1 AUDIOVISUAL FACILITIES FLOOR PLAN
SCALE: 1/8"=1'-0" GREAT HALL



1 AUDIOVISUAL FACILITIES CEILING PLAN
SCALE: 1/8"=1'-0" GREAT HALL

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- ☐ No Resubmission Required
- ☐ Rejected, Revise & Resubmit

Reviewed By: _____
Date: _____

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0	10/25/2018	ISSUE FOR REVIEW
REV	DATE	DESCRIPTION

DATE: 10/25/2018
SCALE: 1/8" = 1'-0"
DRAWN: B.HOAGE
ENG BY: S.ODONNELL

SHEET SIZE ARCH D 36 X 24

GREAT HALL
AUDIOVISUAL
FACILITIES
CEILING
PLAN

DRAWING NO.
TA01-111
PROJECT NO.
L06877

The client has reviewed this drawing and asks that the following actions be taken:

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- ☐ No Resubmission Required
- ☐ Rejected, Revise & Resubmit

Reviewed By: _____

Date: _____

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0	10/25/2018	ISSUE FOR REVIEW
REV	DATE	DESCRIPTION

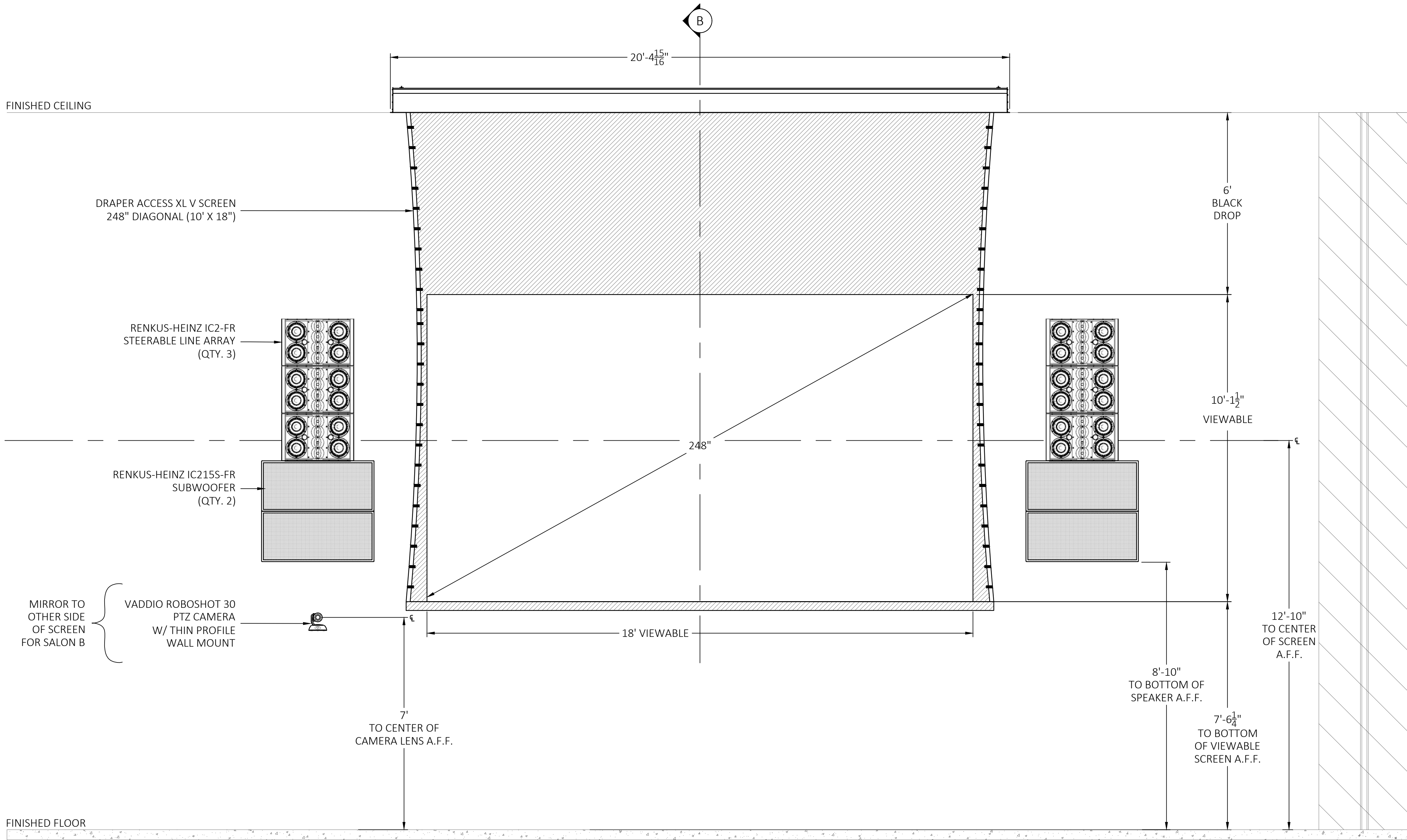
DATE: 10/25/2018
SCALE: 1/2" = 1'-0"
DRAWN: B.HOAGE
ENG BY: S.ODONNELL

SHEET SIZE ARCH D 36 X 24

GREAT HALL
SALON A & B
AUDIOVISUAL
SCREEN
EQUIPMENT
ELEVATION

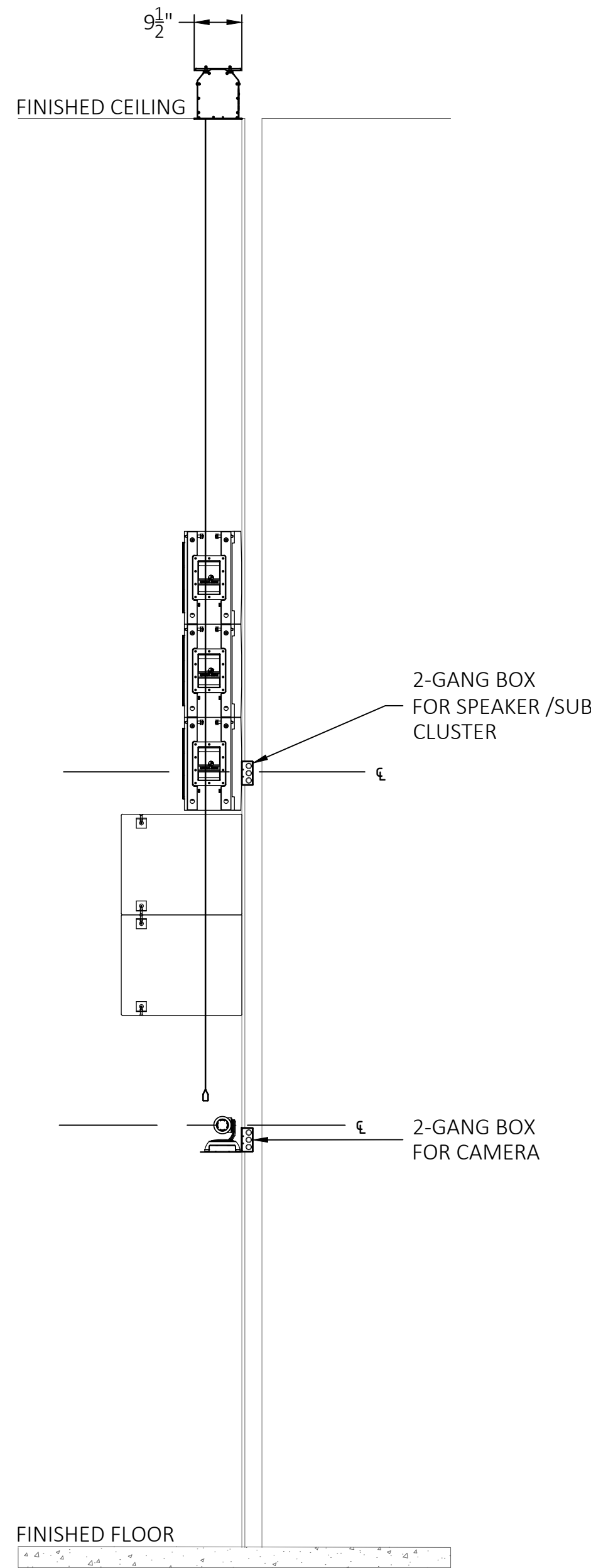
DRAWING NO.
TA01-131

PROJECT NO.
L06877



A AUDIOVISUAL EQUIPMENT ELEVATION
SCALE: 1/2"=1'-0"

GREAT HALL - SALON A & B



B AUDIOVISUAL ELEVATION SECTION
SCALE: 1/2"=1'-0"

GREAT HALL - SALON A & B

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- ☐ Rejected, Revise & Resubmit

Reviewed By: _____

Date: _____

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0	10/25/2018	ISSUE FOR REVIEW
REV	DATE	DESCRIPTION

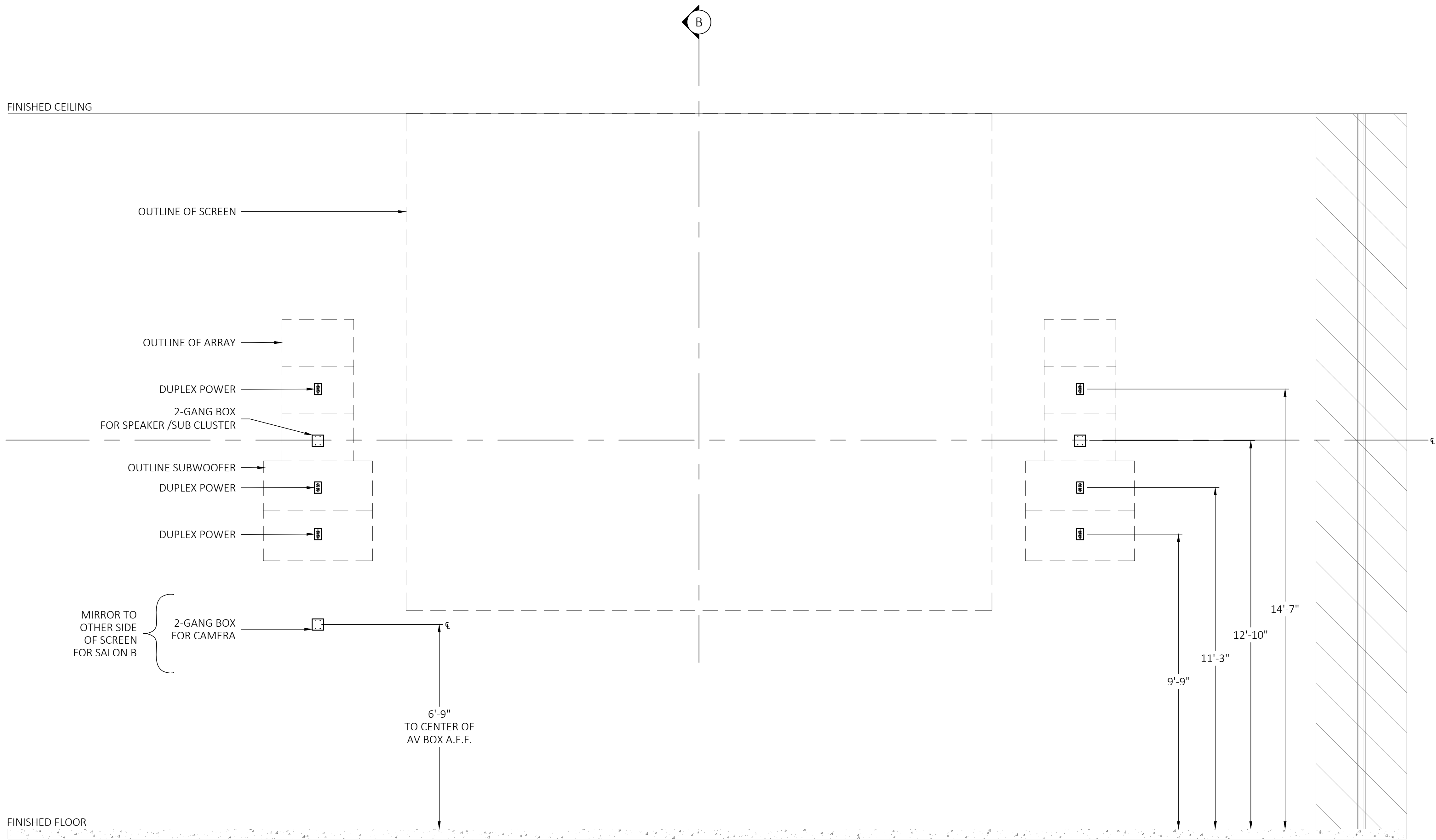
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SCALE: 1/2" = 1'-0"
DRAWN: B.HOAGE
ENG BY: S.ODONNELL

SHEET SIZE ARCH D 36 X 24

GREAT HALL
SALON A & B
AUDIOVISUAL
SCREEN
ELECTRICAL
ELEVATION

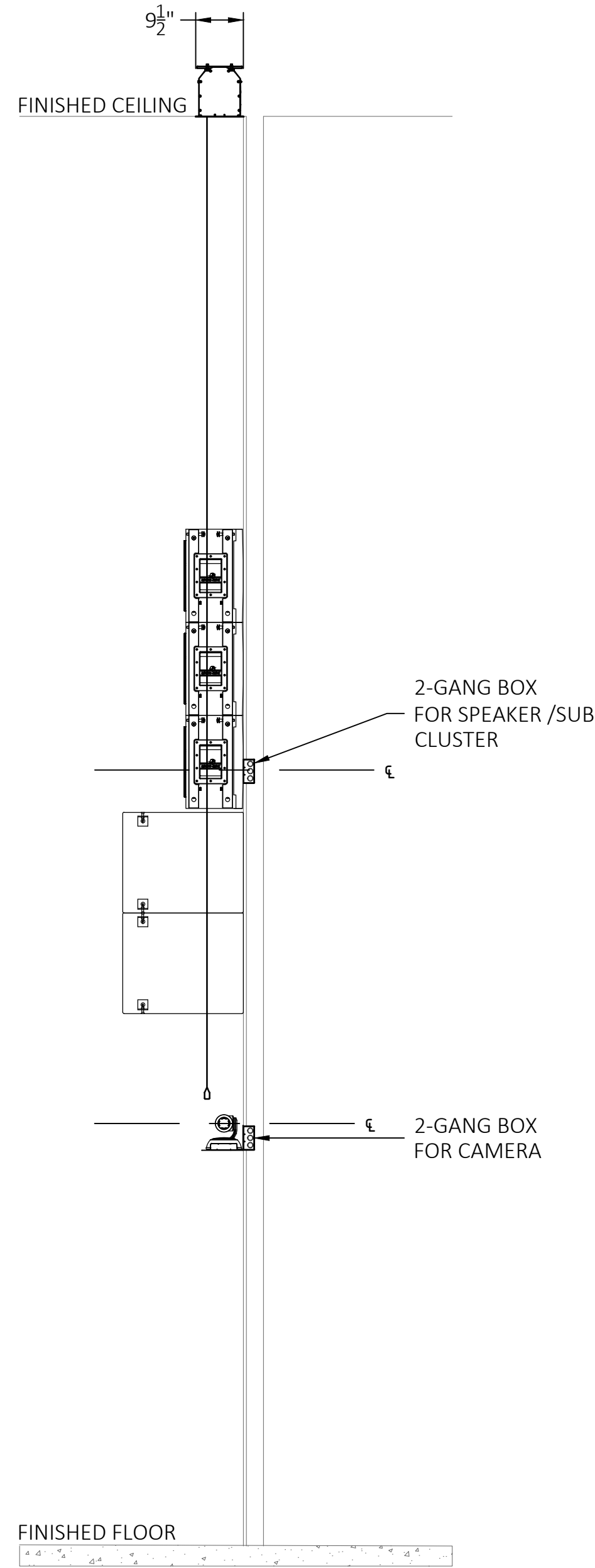
DRAWING NO.
TA01-132

PROJECT NO.
L06877



A AUDIOVISUAL ELECTRICAL ELEVATION
SCALE: 1/2"=1'-0"

GREAT HALL - SALON A & B



B AUDIOVISUAL ELEVATION SECTION
SCALE: 1/2"=1'-0"

GREAT HALL - SALON A & B

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☐ Approved, No Exceptions Taken

☐ Make Corrections Noted.

☐ No Resubmission Required

☐ Rejected, Revise & Resubmit

Reviewed By: _____
Date: _____

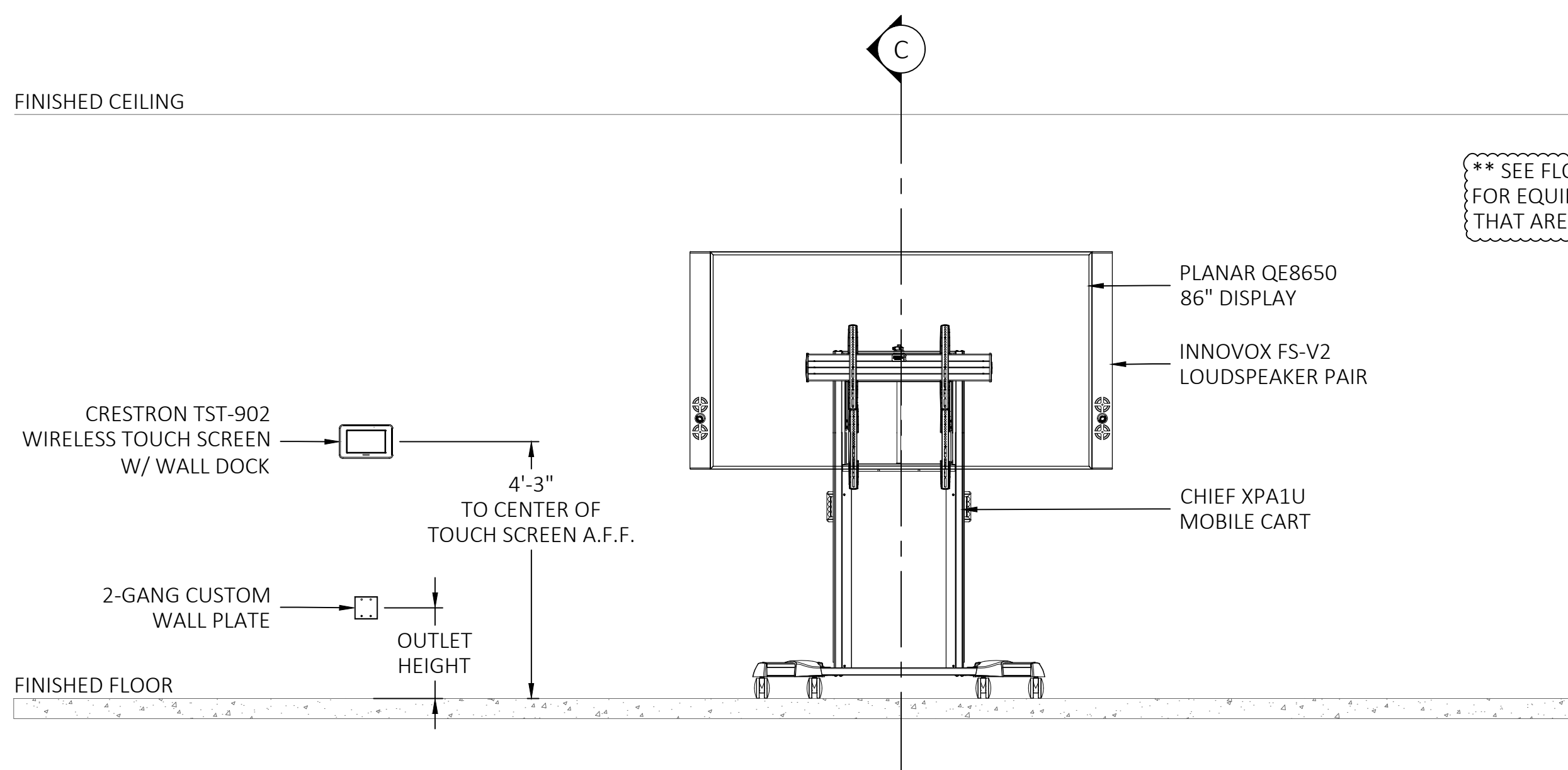
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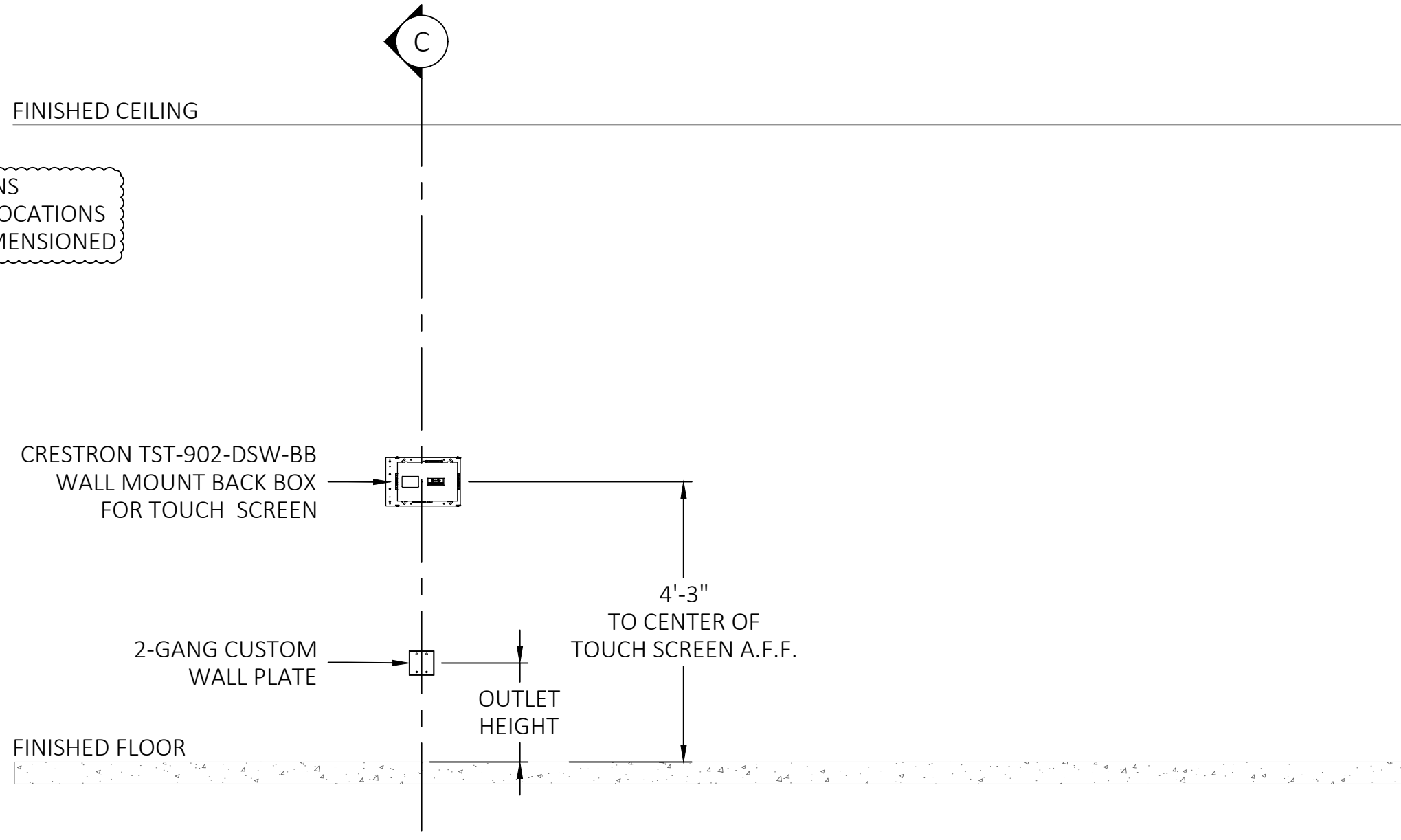
SHEET SIZE ARCH D 36 X 24

GREAT HALL
SALON A & C
AUDIOVISUAL
DISPLAY
ELEVATION

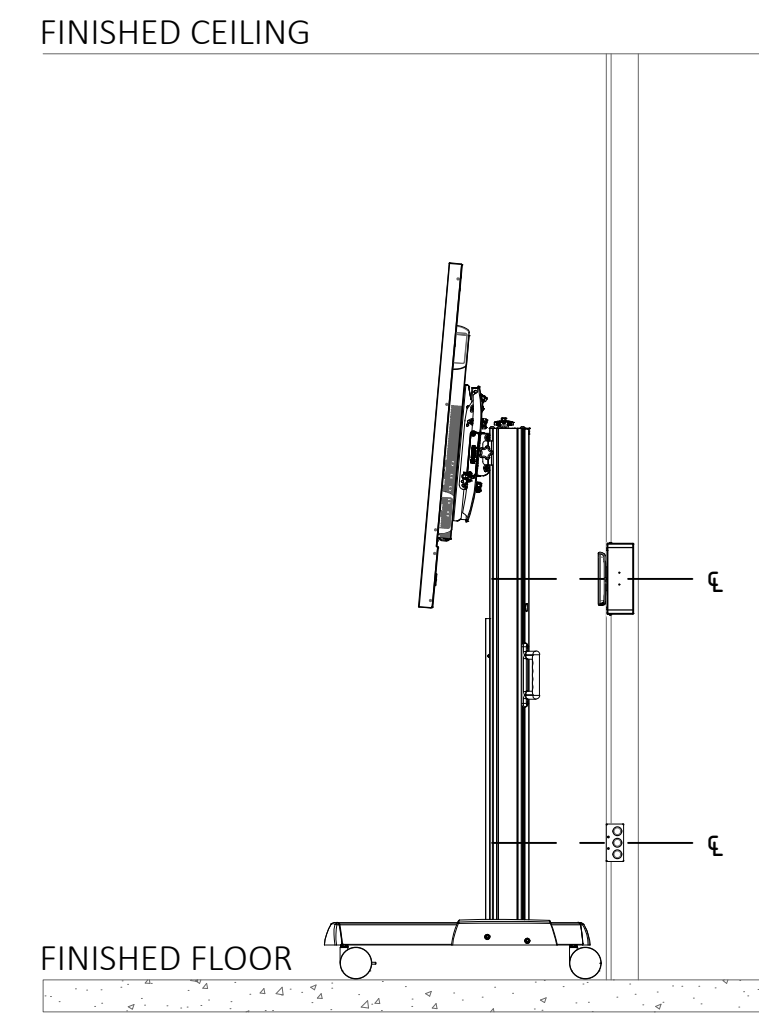
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TA01-133
PROJECT NO.
L06877



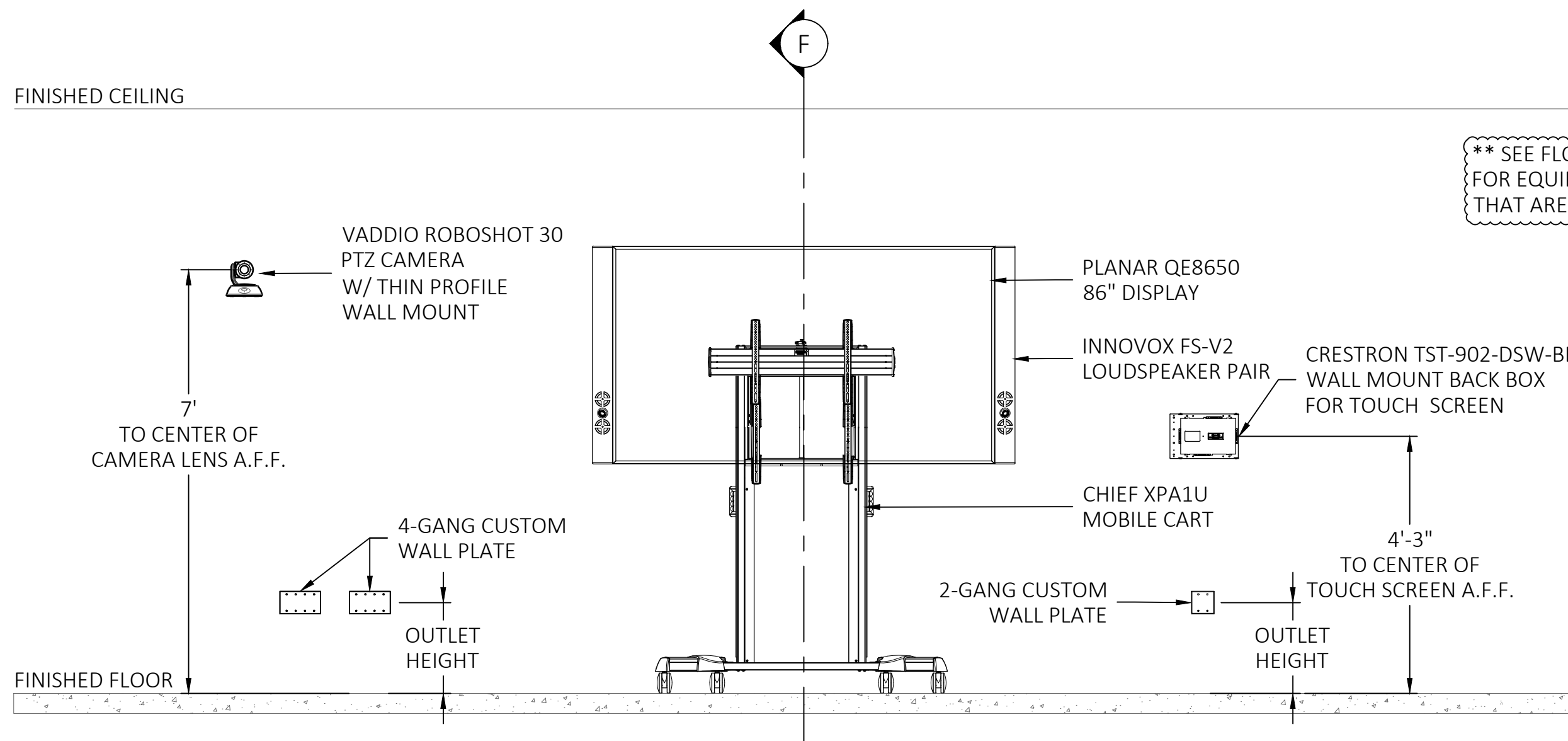
A AUDIOVISUAL DISPALY EQUIPMENT ELEVATION
SCALE: 1/2"=1'-0" GREAT HALL - SALON A



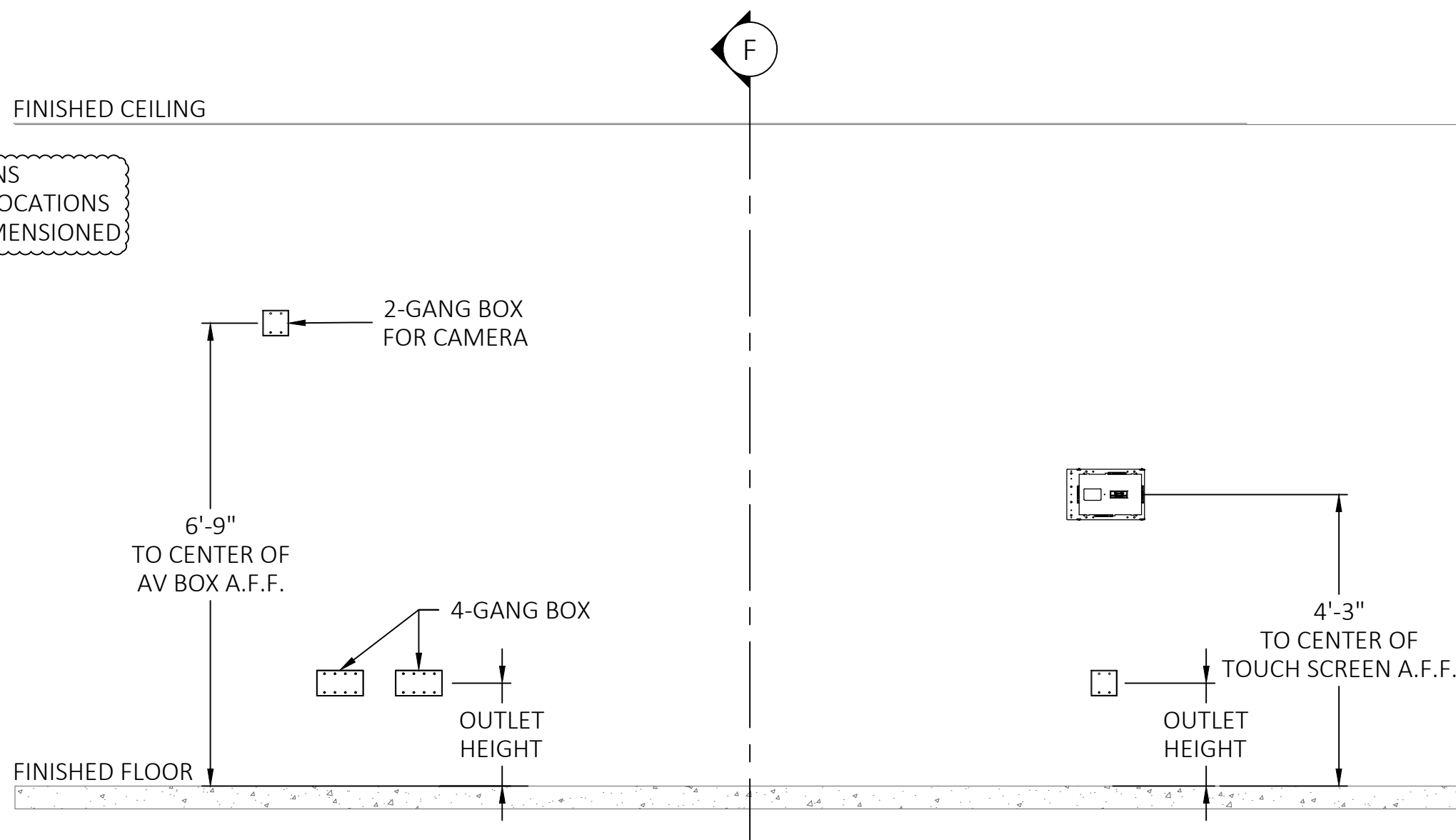
B AUDIOVISUAL DISPALY ELECTRICAL AND MOUNTING ELEVATION
SCALE: 1/2"=1'-0" GREAT HALL - SALON A



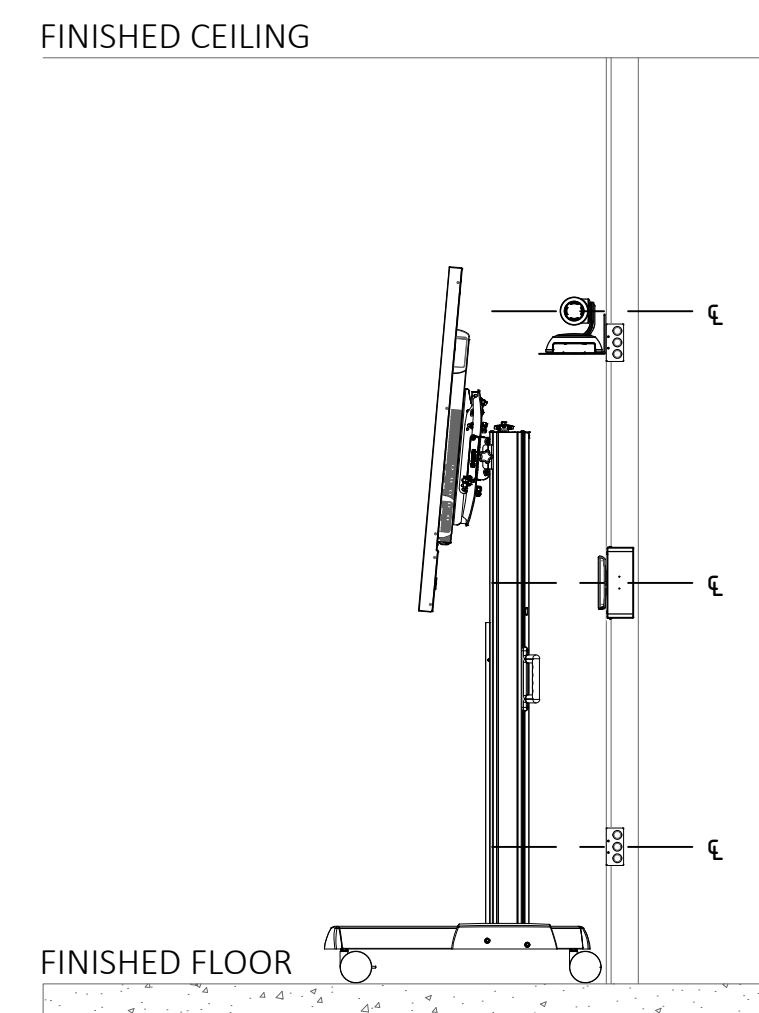
C AUDIOVISUAL DISPALY SECTION
SCALE: 1/2"=1'-0" GREAT HALL - SALON A



D AUDIOVISUAL DISPALY EQUIPMENT ELEVATION
SCALE: 1/2"=1'-0" GREAT HALL - SALON C



E AUDIOVISUAL DISPALY ELECTRICAL AND MOUNTING ELEVATION
SCALE: 1/2"=1'-0" GREAT HALL - SALON C



F AUDIOVISUAL DISPALY SECTION
SCALE: 1/2"=1'-0" GREAT HALL - SALON C

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- ☐ Rejected, Revise & Resubmit

Reviewed By: _____
Date: _____

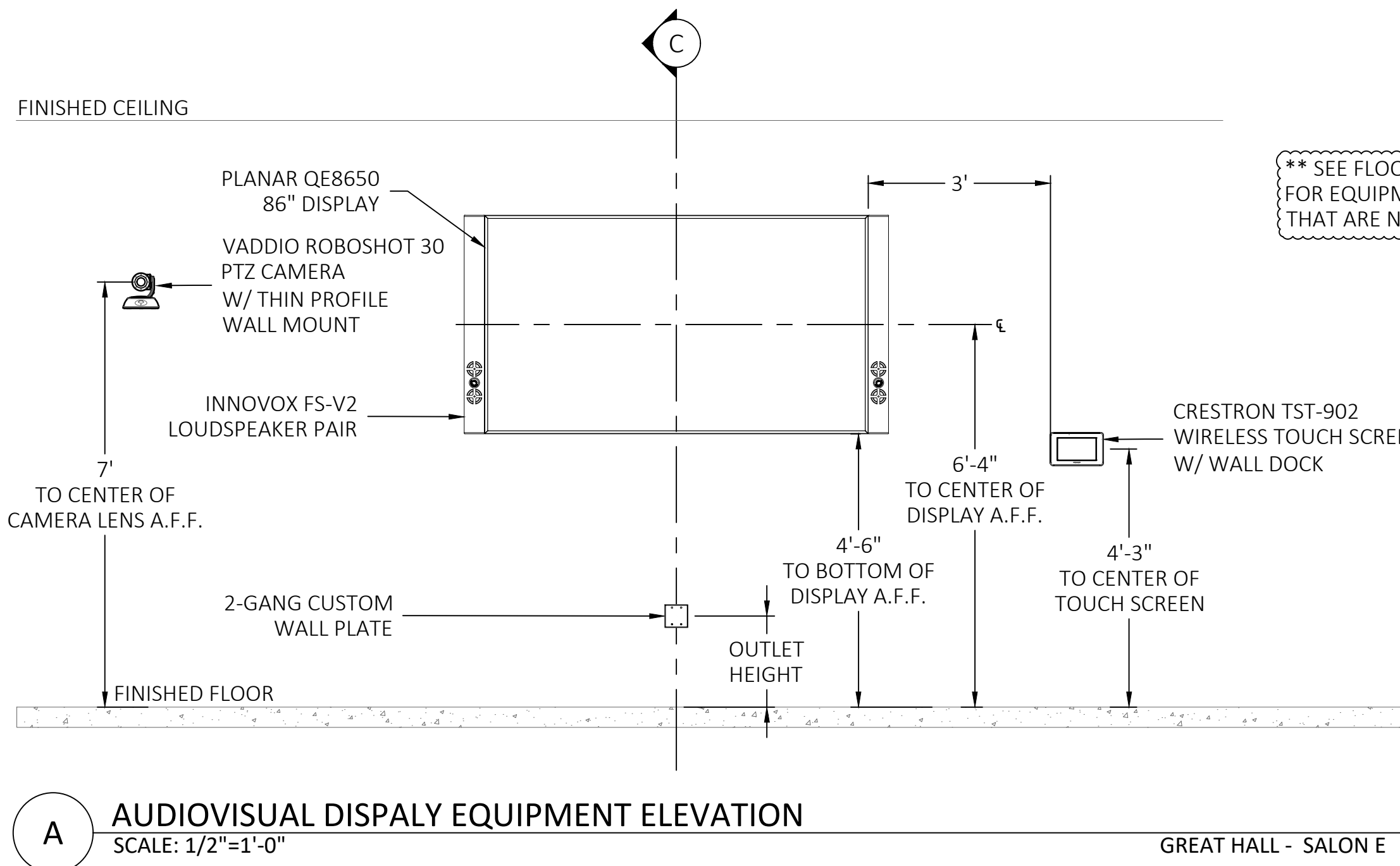
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DRAWN: B.HOAGE
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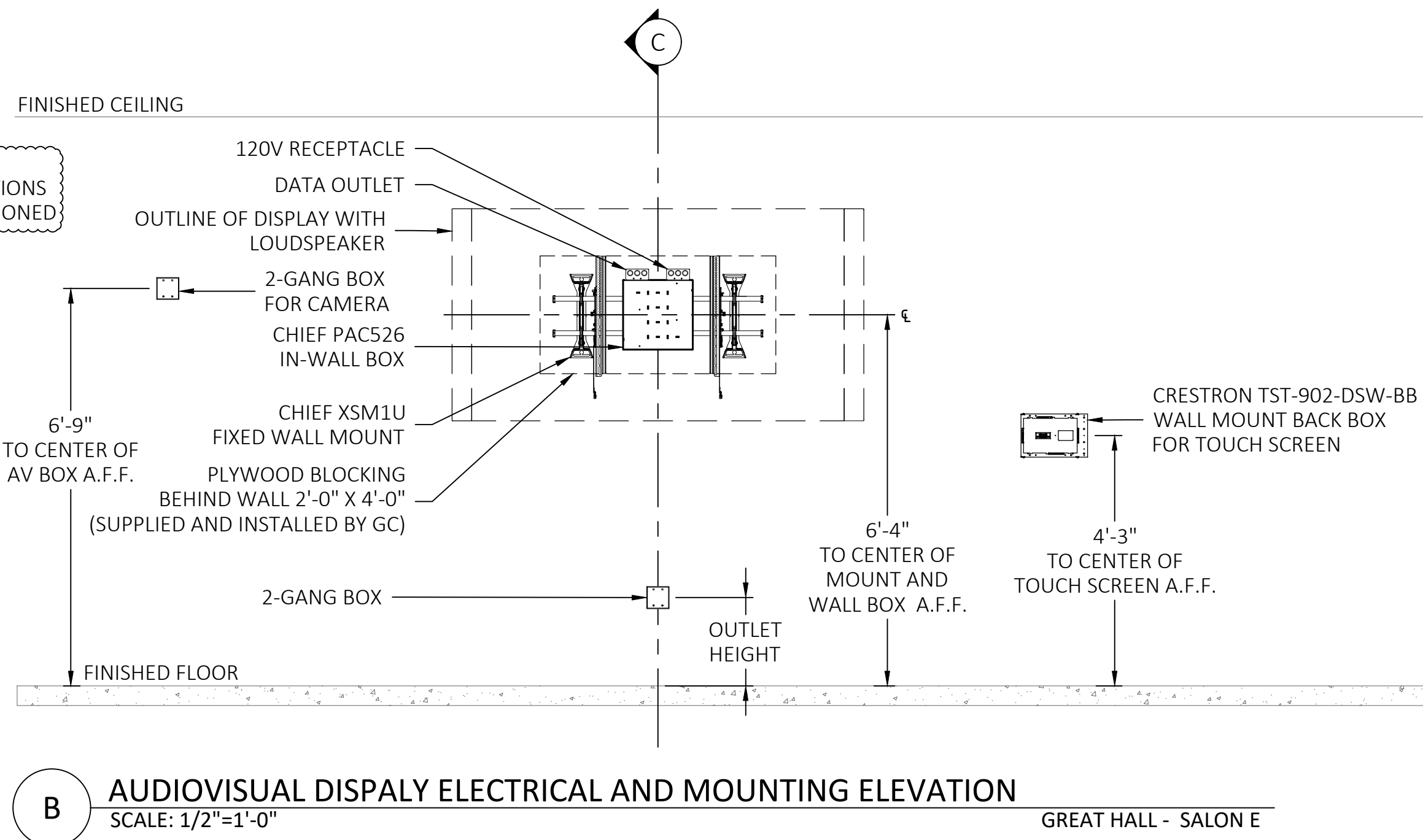
SHEET SIZE ARCH D 36 X 24

GREAT HALL
SALON E & F
AUDIOVISUAL
DISPLAY
ELEVATION

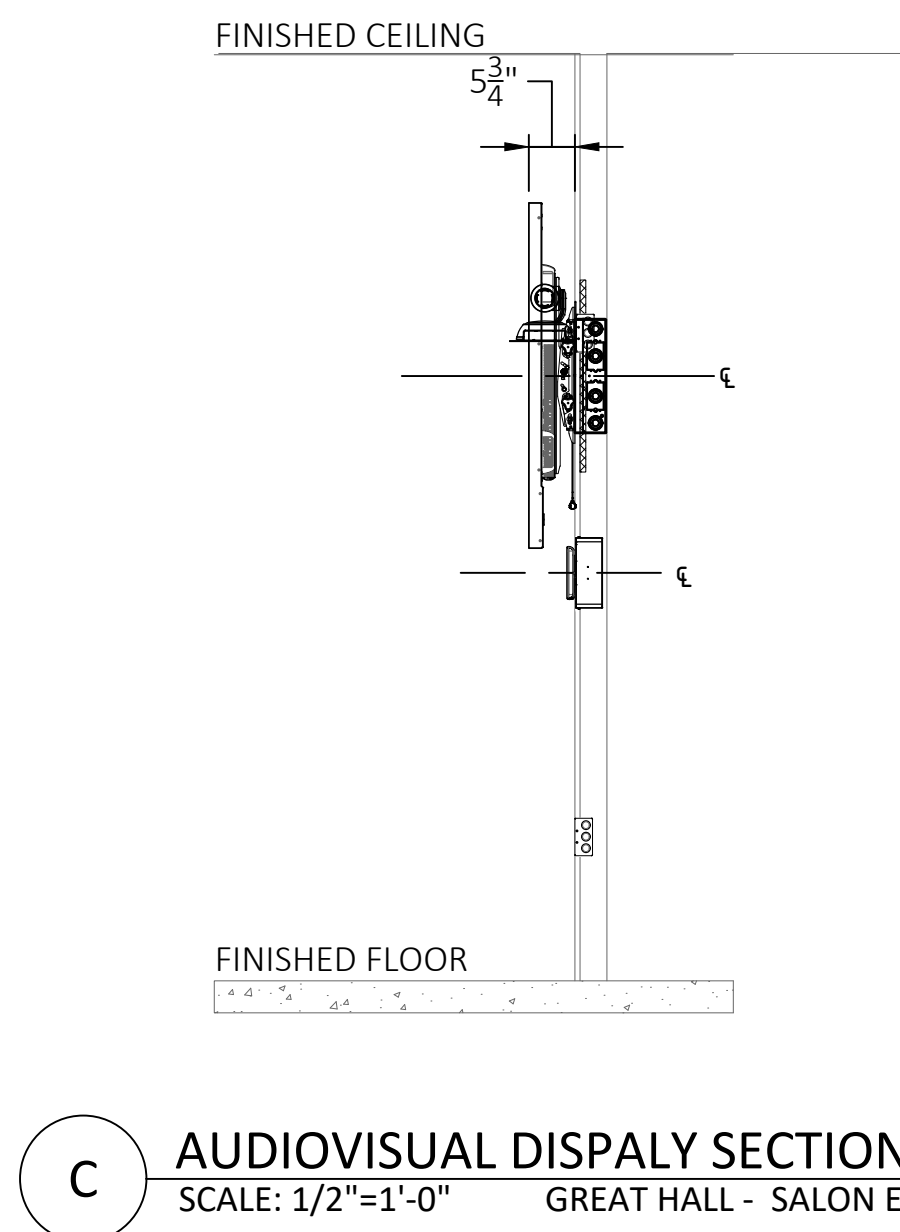
DRAWING NO.
TA01-134
PROJECT NO.
L06877



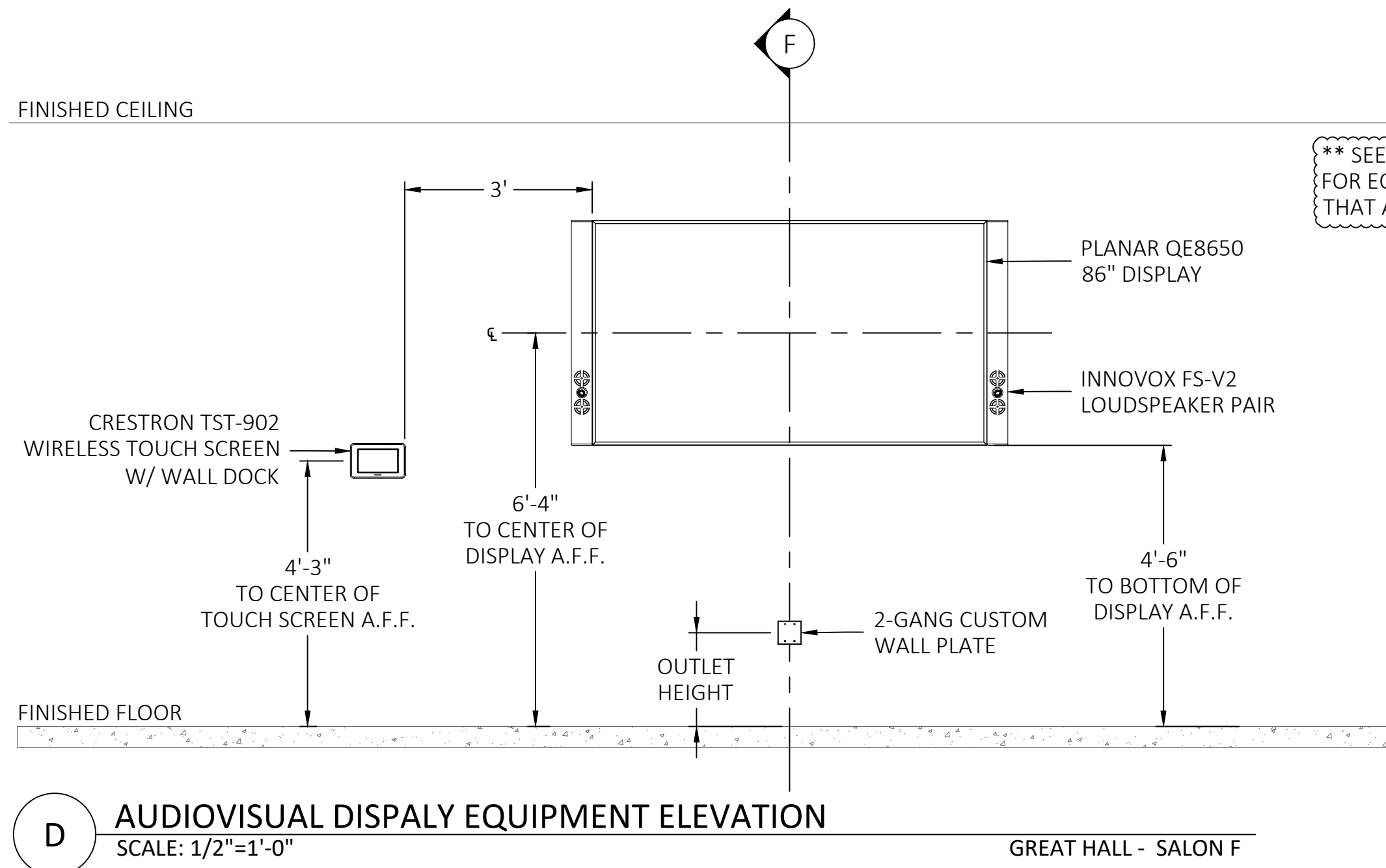
A AUDIOVISUAL DISPALY EQUIPMENT ELEVATION
SCALE: 1/2"=1'-0" GREAT HALL - SALON E



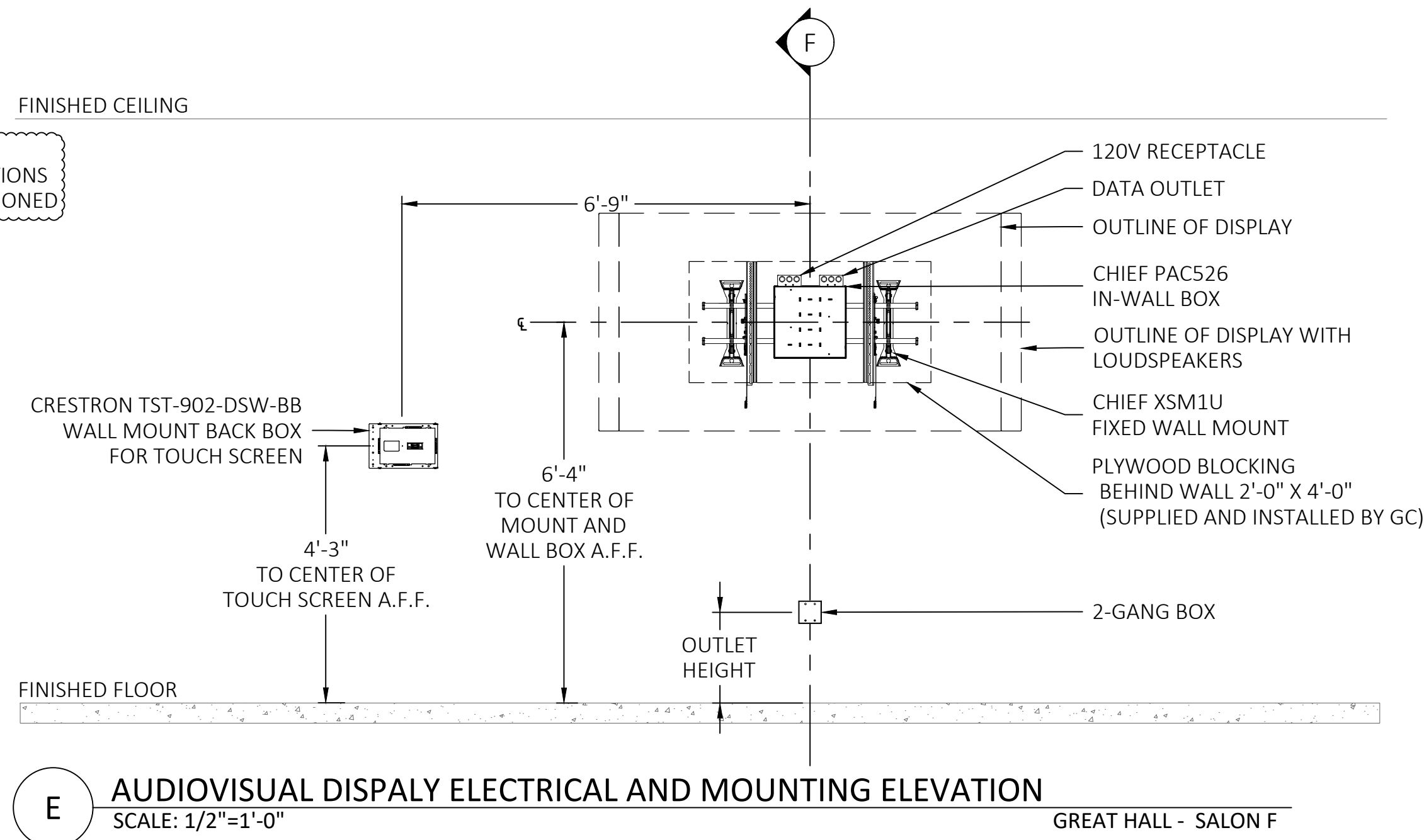
B AUDIOVISUAL DISPALY ELECTRICAL AND MOUNTING ELEVATION
SCALE: 1/2"=1'-0" GREAT HALL - SALON E



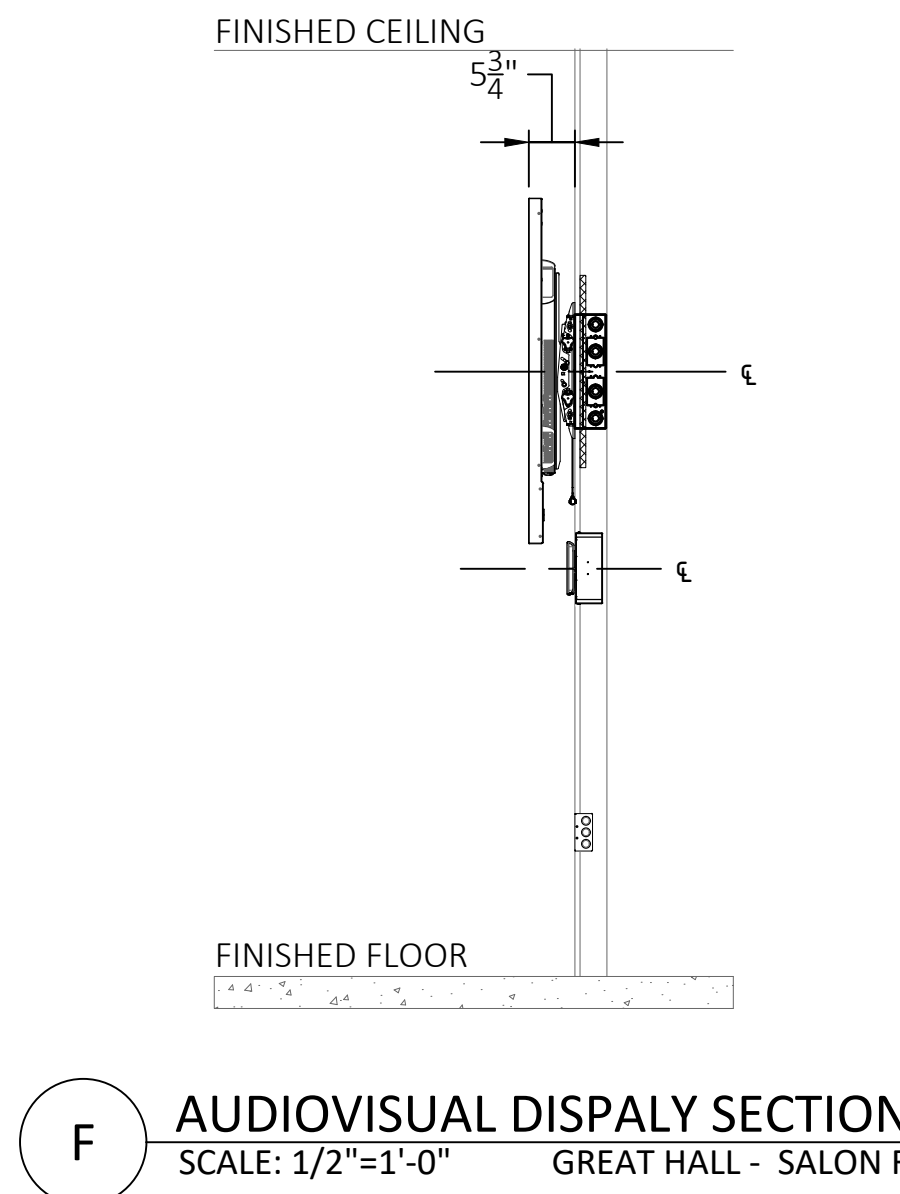
C AUDIOVISUAL DISPALY SECTION
SCALE: 1/2"=1'-0" GREAT HALL - SALON E



D AUDIOVISUAL DISPALY EQUIPMENT ELEVATION
SCALE: 1/2"=1'-0" GREAT HALL - SALON F



E AUDIOVISUAL DISPALY ELECTRICAL AND MOUNTING ELEVATION
SCALE: 1/2"=1'-0" GREAT HALL - SALON F



F AUDIOVISUAL DISPALY SECTION
SCALE: 1/2"=1'-0" GREAT HALL - SALON F

The client has reviewed this drawing and asks that the following actions be taken:

☐ Approved, No Exceptions Taken

☐ Make Corrections Noted.

☐ No Resubmission Required

☐ Rejected, Revise & Resubmit

Reviewed By: _____

Date: _____

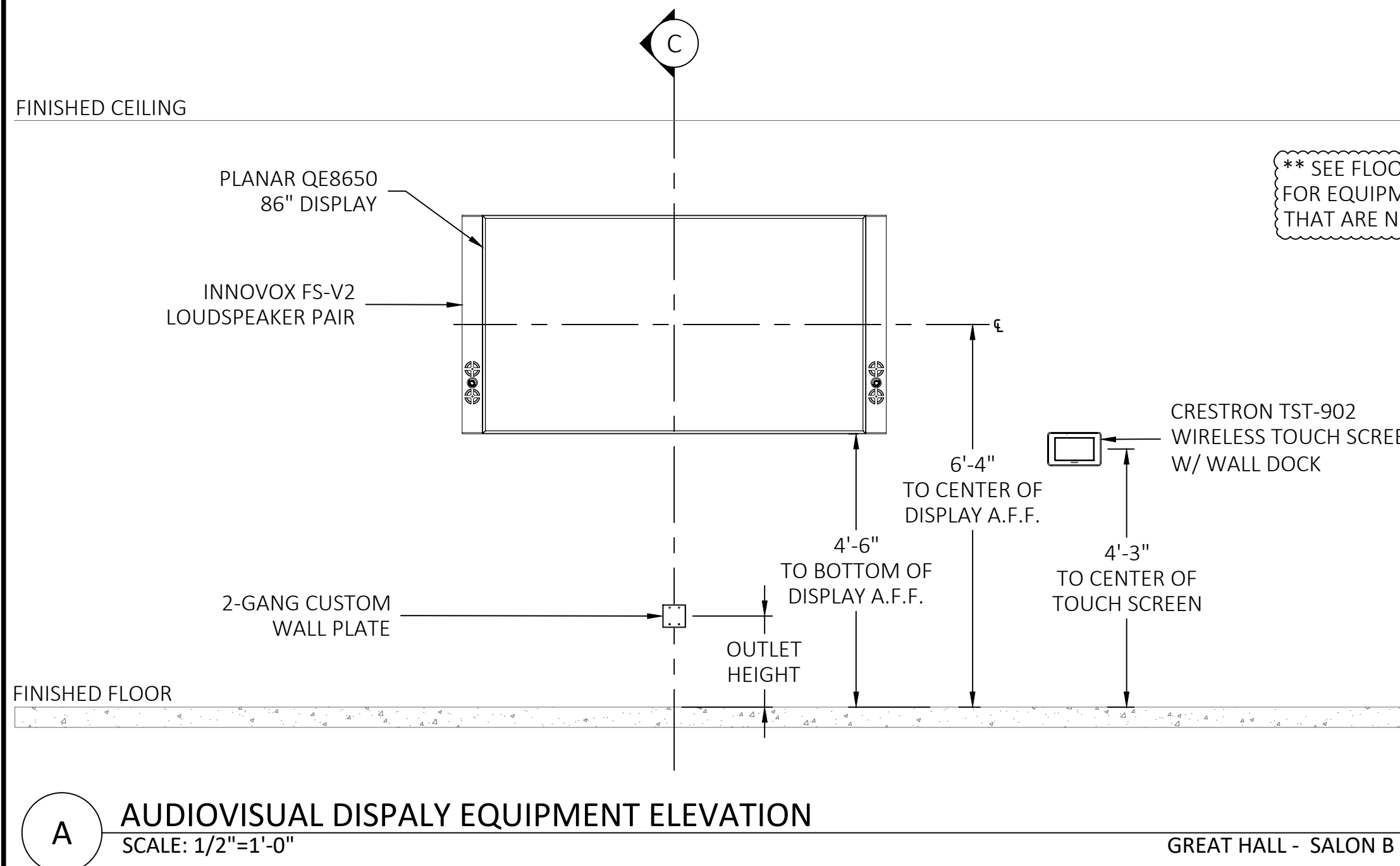
1	01/08/2019	ISSUE FOR COORDINATION
0	10/25/2018	ISSUE FOR REVIEW
REV	DATE	DESCRIPTION

DATE: 10/25/2018
SCALE: 1/2" = 1'-0"
DRAWN: B.HOAGE
ENG BY: S.ODONNELL

SHEET SIZE ARCH D 36 X 24

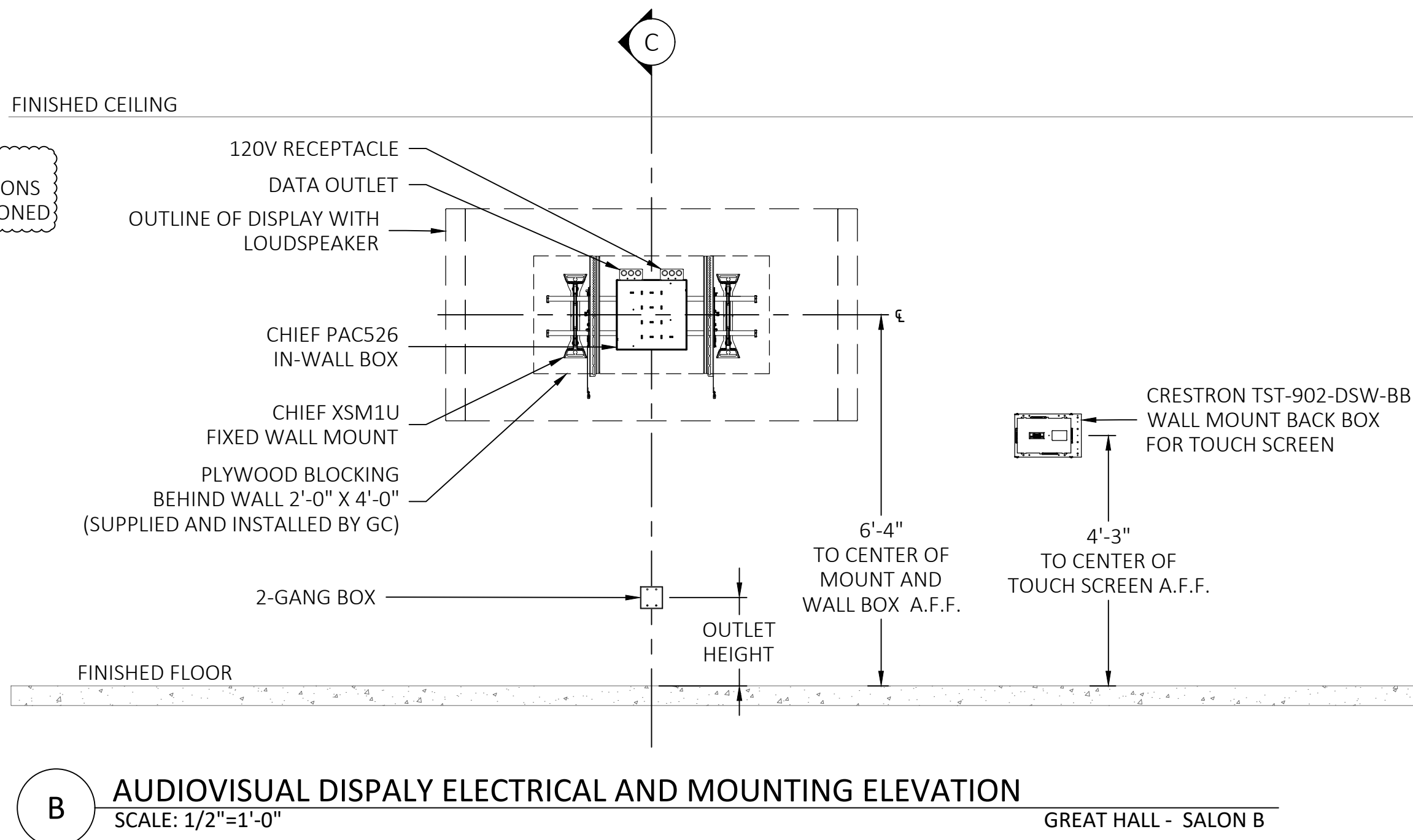
GREAT HALL
SALON B & D
AUDIOVISUAL
DISPLAY
ELEVATION

DRAWING NO.
TA01-135
PROJECT NO.
L06877



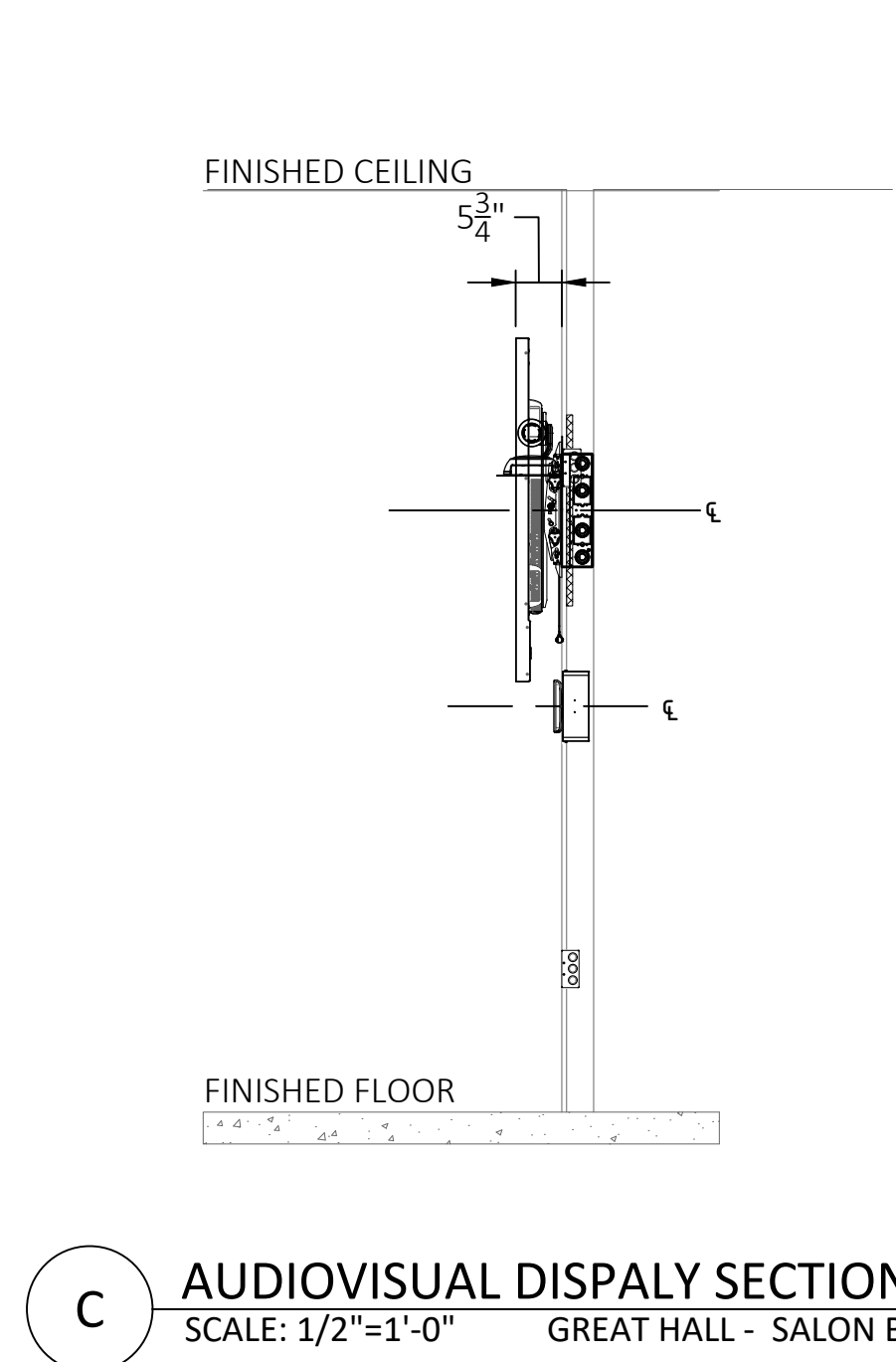
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SCALE: 1/2"=1'-0"

GREAT HALL - SALON B



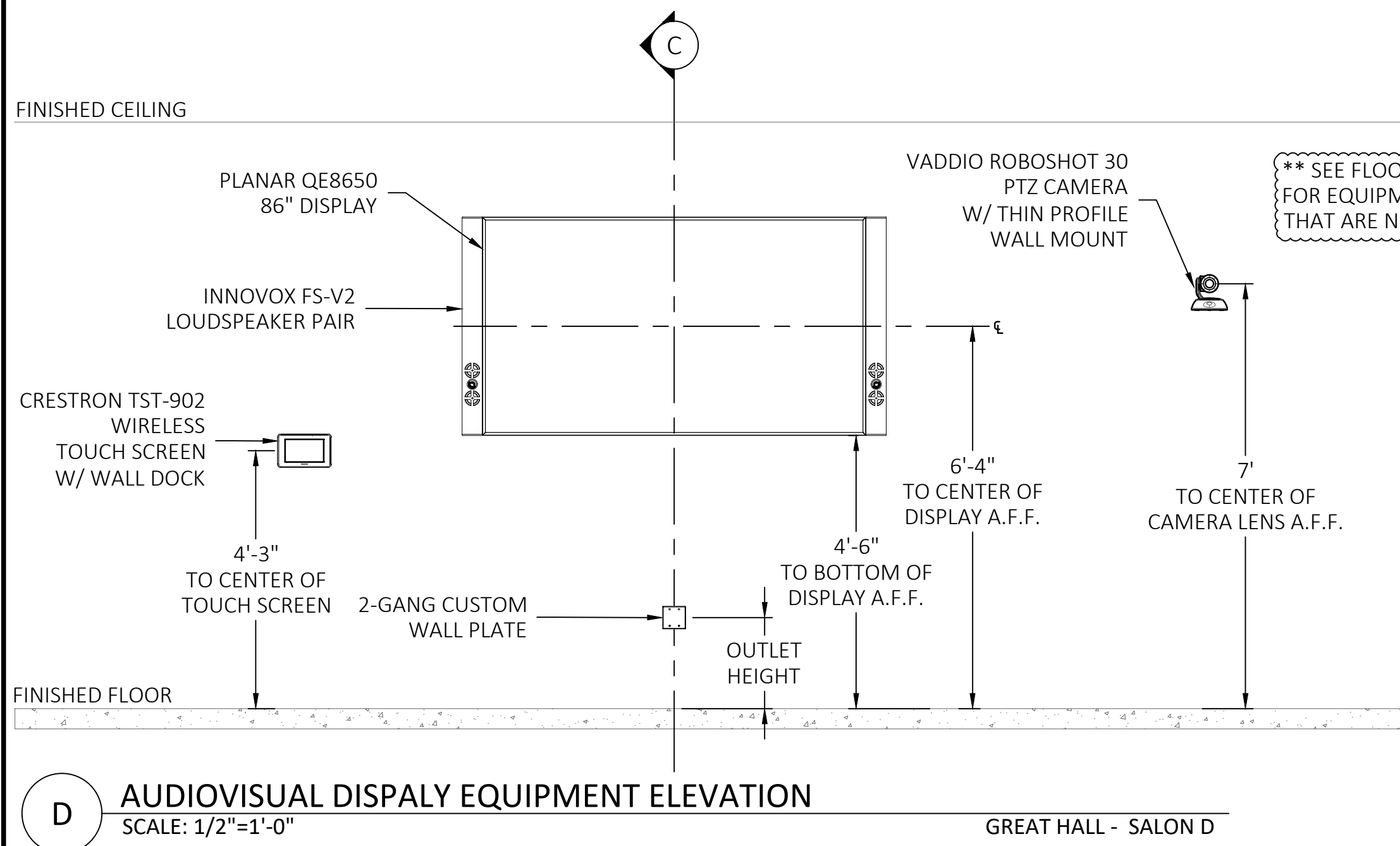
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SCALE: 1/2"=1'-0"

GREAT HALL - SALON B



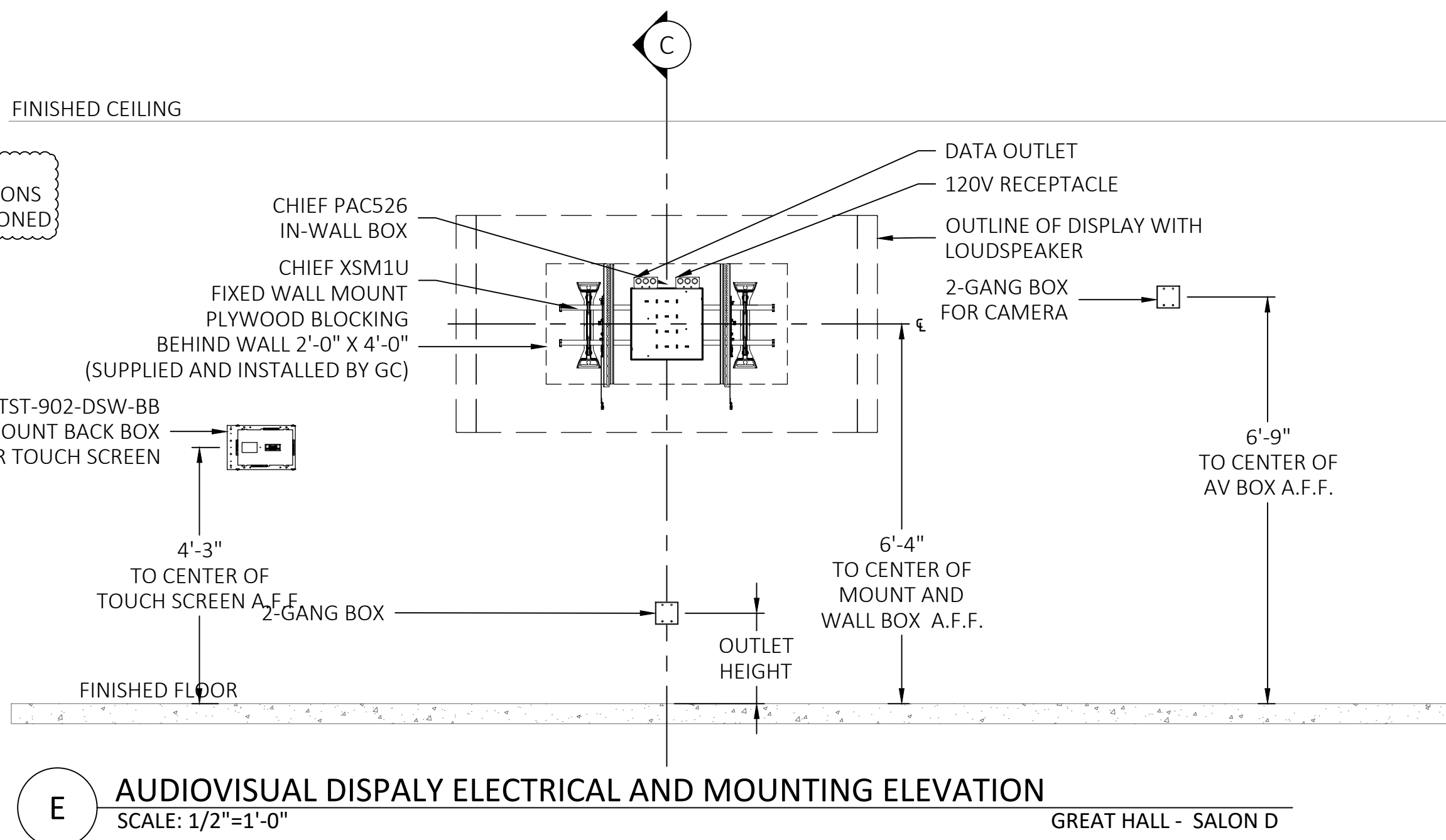
C AUDIOVISUAL DISPALY SECTION
SCALE: 1/2"=1'-0"

GREAT HALL - SALON B



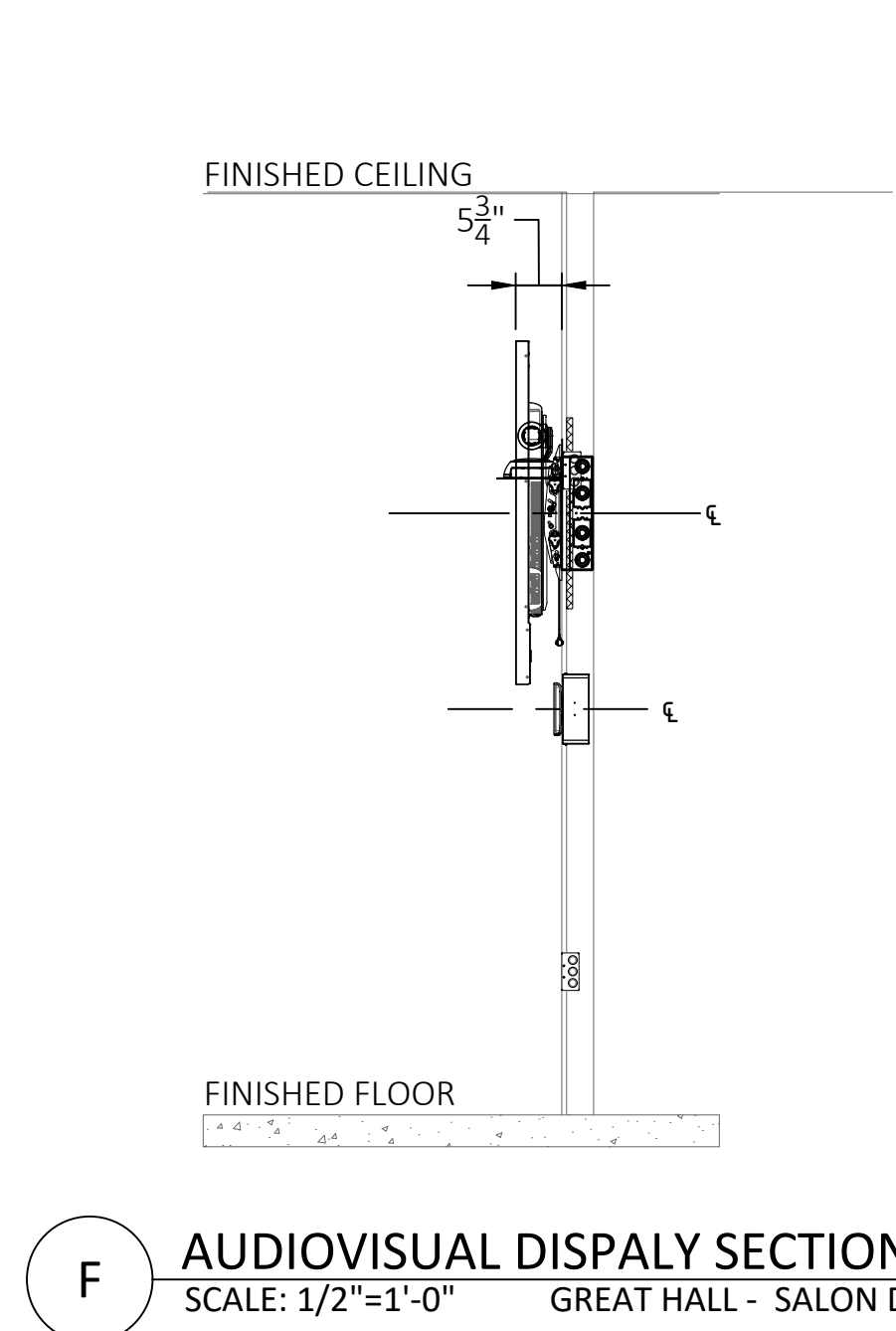
D AUDIOVISUAL DISPALY EQUIPMENT ELEVATION
SCALE: 1/2"=1'-0"

GREAT HALL - SALON D



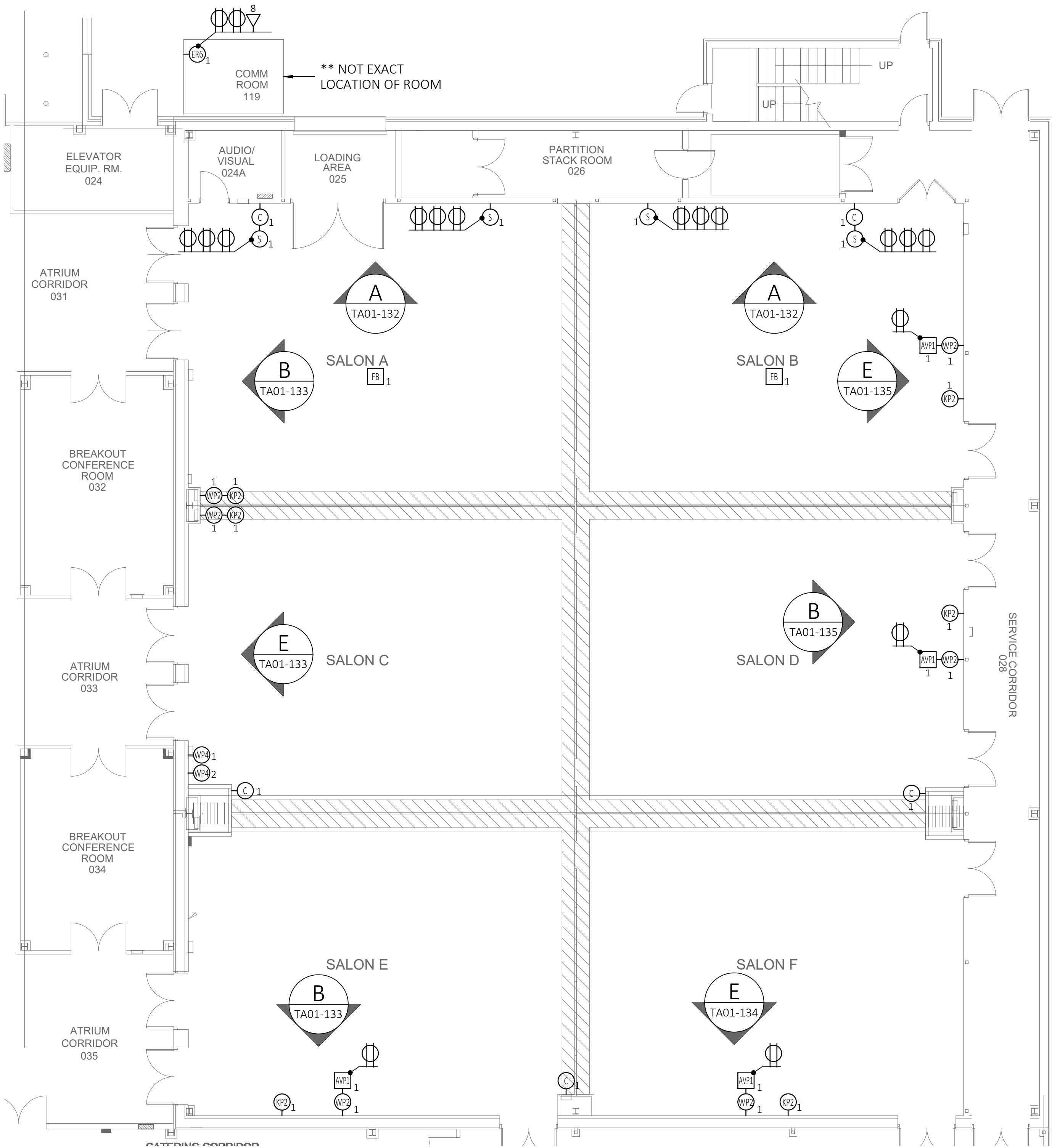
E AUDIOVISUAL DISPALY ELECTRICAL AND MOUNTING ELEVATION
SCALE: 1/2"=1'-0"

GREAT HALL - SALON D



F AUDIOVISUAL DISPALY SECTION
SCALE: 1/2"=1'-0"

GREAT HALL - SALON D



1 AUDIOVISUAL ELECTRICAL FLOOR PLAN
SCALE: 1/8"=1'-0"

GREAT HALL

AV JUNCTION BOX AND DEVICE SCHEDULE			
SYMBOL	FUNCTION	DESCRIPTION	SLACK
AV _x	AV WALL BOX, 'X' = BOX NUMBER	2 GANG RECESS MOUNTED BACK BOX	10'
MP _x	AV WALL BOX, 'X' = BOX NUMBER	CHIEF PAC526 BACK BOX (PROVIDED BY AVC AND INSTALLED BY G.C.)	10'
MP _x	AV WALL CONNECTION PLATE, 'X' = PLATE NUMBER	2 GANG RECESS MOUNTED BACK BOX	10'
MP _x	AV WALL CONNECTION PLATE, 'X' = PLATE NUMBER	4 GANG RECESS MOUNTED BACK BOX	10'
CP _x	AV CONTROL KEYPAD, 'X' = BOX NUMBER	CRESTRON TST-902-DSW-BB BACK BOX	10'
ER _x	EQUIPMENT RACK, 'X' = BOX NUMBER	12 X 12 NEMA JUNCTION BOX	20'
FB _x	EXISTING FLOOR BOX	EXISTING FLOOR BOX	N/A
C _x	VTC CAMERA, 'X' = CAMERA NUMBER	WALL MOUNTED CAMERA, 2 GANG RECESS MOUNT BACK BOX	10'
CC _x	CEILING VTC CAMERA, 'X' = CAMERA NUMBER	CEILING MOUNTED CAMERA	10'
S _x	WALL MOUNTED SPEAKER, 'X' = SPEAKER NUMBER	WALL MOUNTED SPEAKER, 2 GANG RECESS MOUNT BACK BOX	5'
CS _x	CEILING SPEAKER, 'X' = SPEAKER NUMBER	CEILING MOUNTED SPEAKER	10'
CP _x	EXISTING AV CEILING MOUNTED PROJECTOR	EXISTING CEILING MOUNTED PROJECTOR	10'
TP _x	PROJECTION SCREEN INTEGRATED LVC, 'X' = SCREEN NUMBER	1 GANG JUNCTION BOX MOUNTED TO SIDE OF SCREEN HOUSING	5'
TP _x	TABLE MOUNTED TOUCH PANEL, 'X' = TOUCH PANEL NUMBER	TABLETOP MOUNTED TOUCH PANEL	10'
D ₂	2 PORT WALL MOUNTED DATA OUTLET	N/A	N/A
P _{120V, 20A}	120V, 20A, WALL MOUNTED DUPLEX POWER OUTLET	N/A	N/A
P _{120V, 20A}	120V, 20A, CEILING/CABLE TRAY MOUNTED DUPLEX POWER OUTLET	N/A	N/A



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The client has reviewed this drawing and asks that the following actions be taken:

- ☐ Approved, No Exceptions Taken
- ☐ Make Corrections Noted.
- ☐ No Resubmission Required
- ☐ Rejected, Revise & Resubmit

Reviewed By: _____

Date: _____

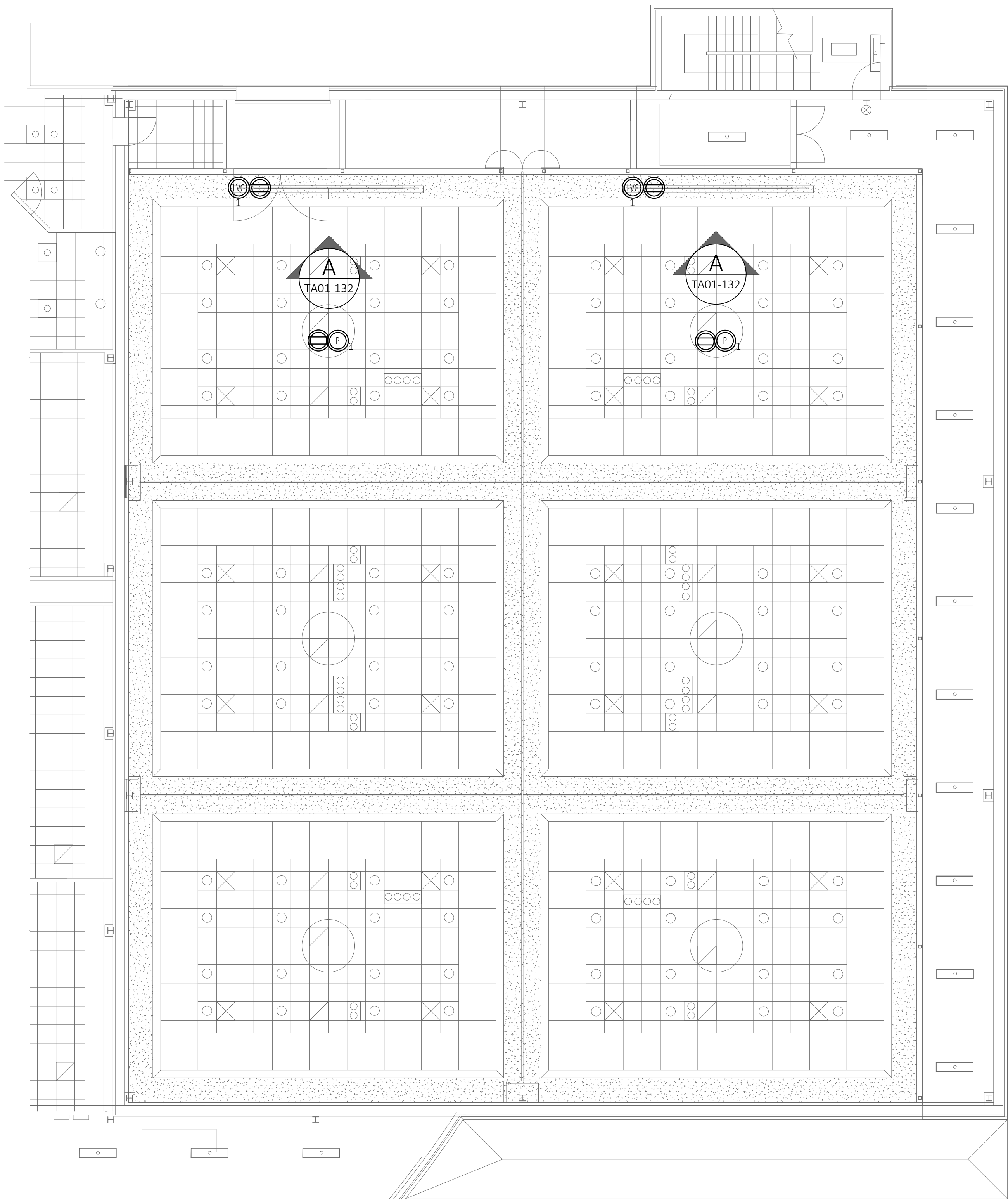
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0	10/25/2018	ISSUE FOR REVIEW
REV	DATE	DESCRIPTION

DATE: 10/25/2018
SCALE: 1/8" = 1'-0"
DRAWN: B.HOAGE
ENG BY: S.ODONNELL

SHEET SIZE ARCH D 36 X 24

GREAT HALL
AUDIOVISUAL
ELECTRICAL
FLOOR
PLAN

DRAWING NO.
TA01-201
PROJECT NO.
L06877



AV JUNCTION BOX AND DEVICE SCHEDULE			
SYMBOL	FUNCTION	DESCRIPTION	SLACK
-AV2 X	AV WALL BOX, 'X' = BOX NUMBER	2 GANG RECESS MOUNTED BACK BOX	10'
-AV1 X	AV WALL BOX, 'X' = BOX NUMBER	CHIEF PAC526 BACK BOX (PROVIDED BY AVC AND INSTALLED BY G.C.)	10'
-AP2 X	AV WALL CONNECTION PLATE, 'X' = PLATE NUMBER	2 GANG RECESS MOUNTED BACK BOX	10'
-AP4 X	AV WALL CONNECTION PLATE, 'X' = PLATE NUMBER	4 GANG RECESS MOUNTED BACK BOX	10'
-CP2 X	AV CONTROL KEYPAD, 'X' = BOX NUMBER	CRESTRON TST-902-DSW-BB BACK BOX	10'
-ER6 X	EQUIPMENT RACK, 'X' = BOX NUMBER	12 X 12 NEMA JUNCTION BOX	20'
FB X	EXISTING FLOOR BOX	EXISTING FLOOR BOX	N/A
-C X	VTC CAMERA, 'X' = CAMERA NUMBER	WALL MOUNTED CAMERA, 2 GANG RECESS MOUNT BACK BOX	10'
C X	CEILING VTC CAMERA, 'X' = CAMERA NUMBER	CEILING MOUNTED CAMERA	10'
-S X	WALL MOUNTED SPEAKER, 'X' = SPEAKER NUMBER	WALL MOUNTED SPEAKER, 2 GANG RECESS MOUNT BACK BOX	5'
S X	CEILING SPEAKER, 'X' = SPEAKER NUMBER	CEILING MOUNTED SPEAKER	10'
C X	EXISTING AV CEILING MOUNTED PROJECTOR	EXISTING CEILING MOUNTED PROJECTOR	10'
-LVC X	PROJECTION SCREEN INTEGRATED LVC, 'X' = SCREEN NUMBER	1 GANG JUNCTION BOX MOUNTED TO SIDE OF SCREEN HOUSING	5'
TP X	TABLE MOUNTED TOUCH PANEL, 'X' = TOUCH PANEL NUMBER	TABLETOP MOUNTED TOUCH PANEL	10'
2	2 PORT WALL MOUNTED DATA OUTLET	N/A	N/A
	120V, 20A, WALL MOUNTED DUPLEX POWER OUTLET	N/A	N/A
	120V, 20A, CEILING/CABLE TRAY MOUNTED DUPLEX POWER OUTLET	N/A	N/A

The client has reviewed this drawing and asks that the following actions be taken:

☐ Approved, No Exceptions Taken

☐ Make Corrections Noted.

☐ No Resubmission Required

☐ Rejected, Revise & Resubmit

Reviewed By: _____
Date: _____

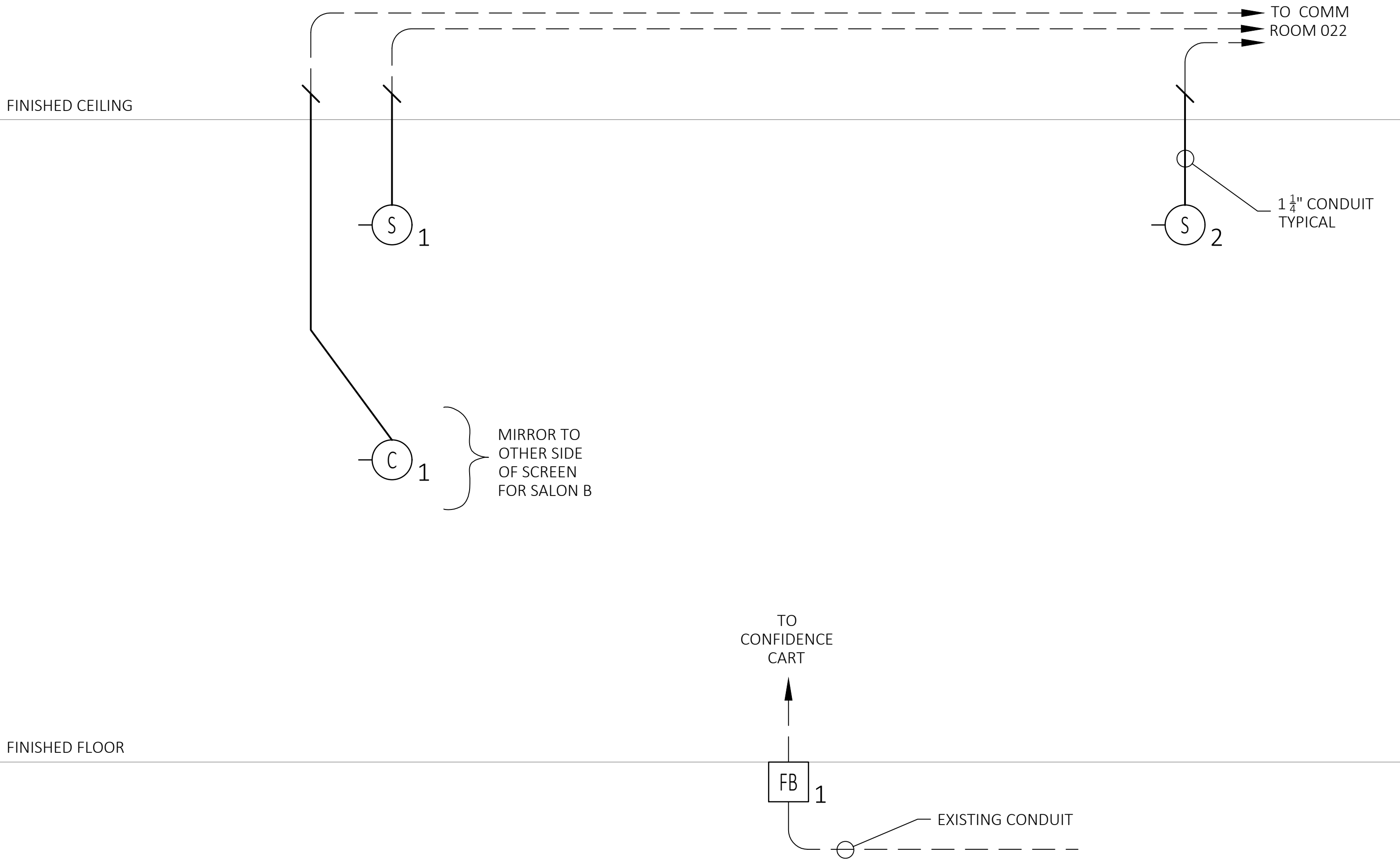
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0	10/25/2018	ISSUE FOR REVIEW
REV	DATE	DESCRIPTION

DATE: 10/25/2018
SCALE: 1/8" = 1'-0"
DRAWN: B.HOAGE
ENG BY: S.ODONNELL

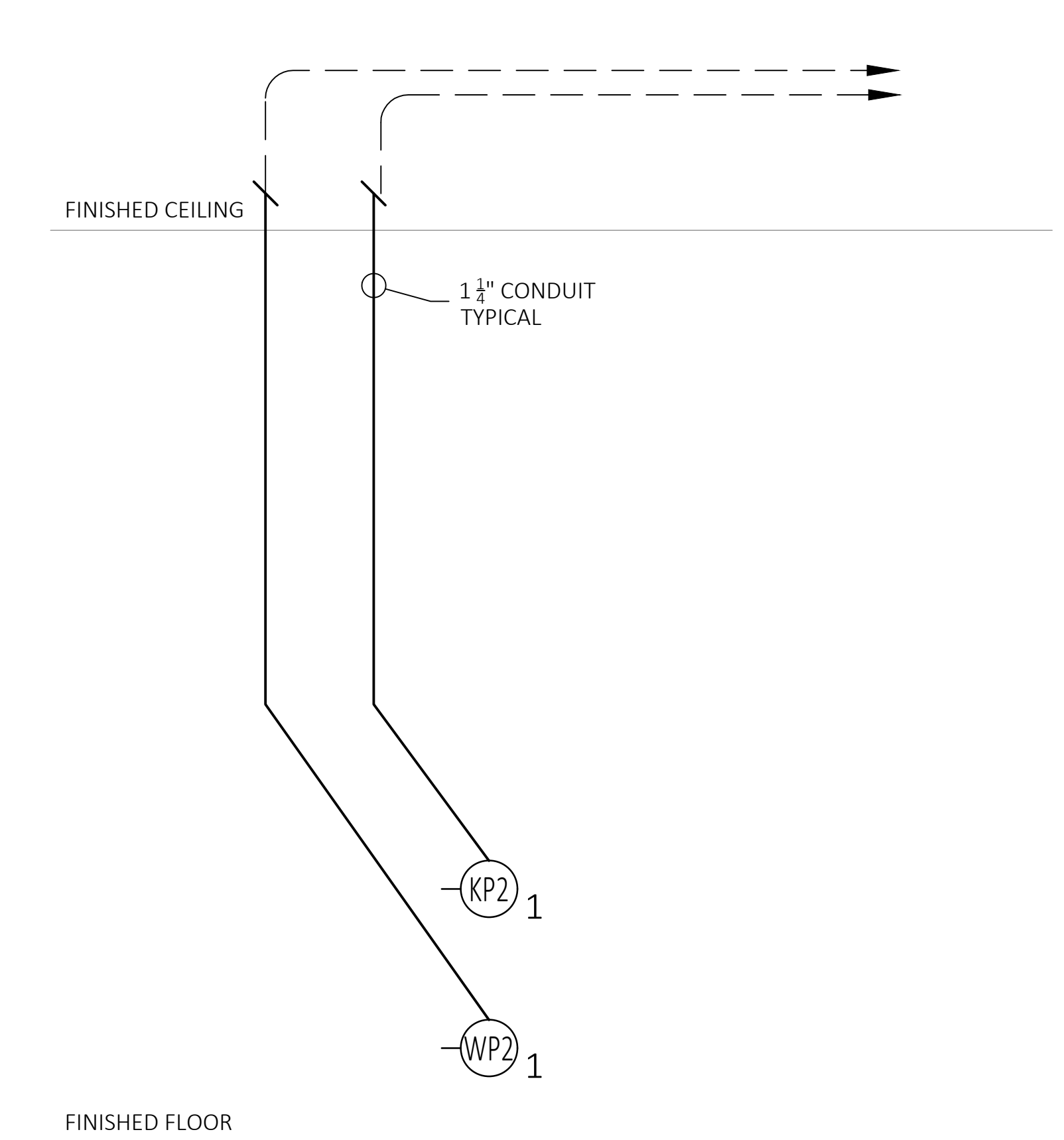
SHEET SIZE ARCH D 36 X 24

GREAT HALL
AUDIOVISUAL
ELECTRICAL
CEILING
PLAN

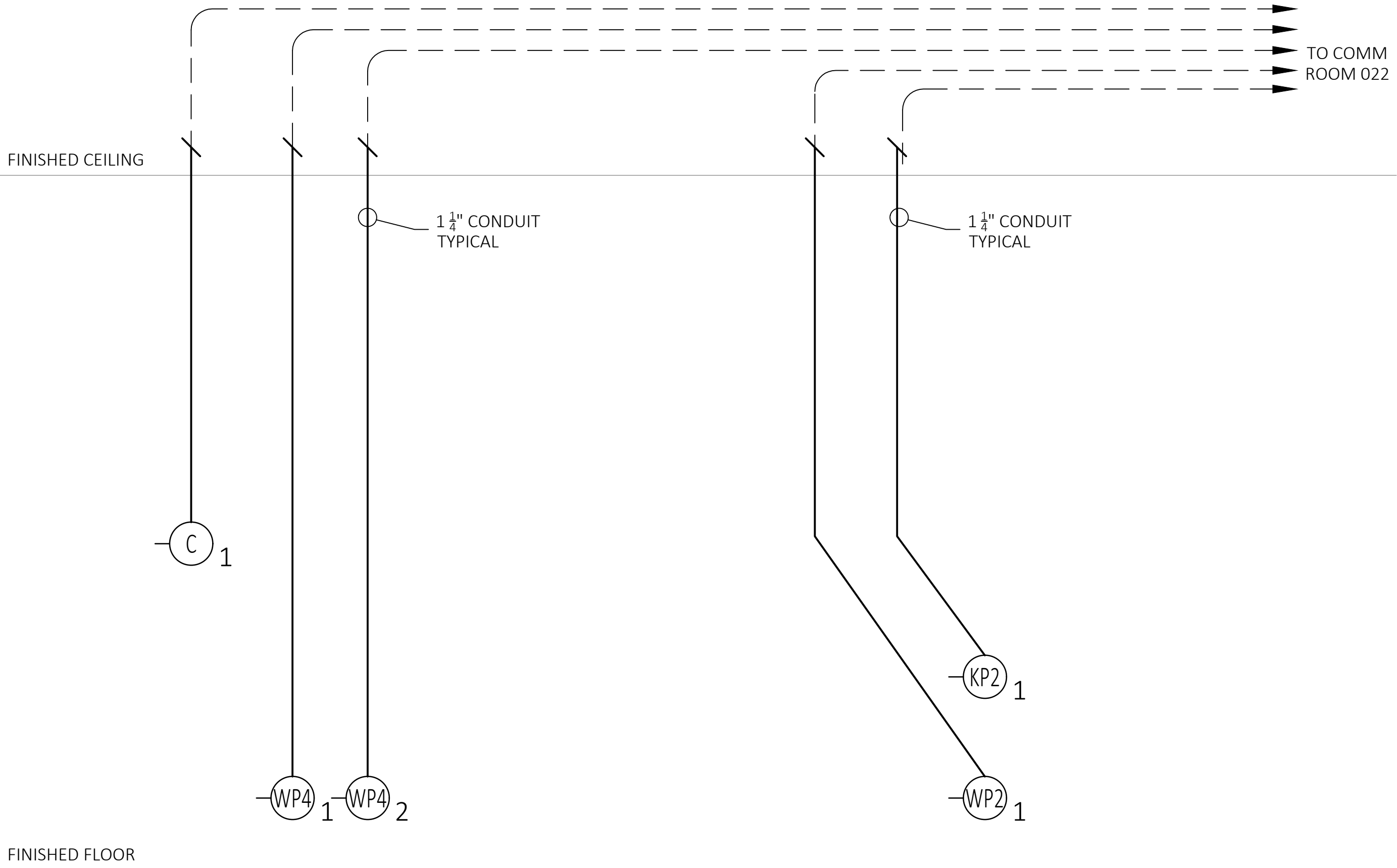
DRAWING NO.
TA01-211
PROJECT NO.
L06877



A AUDIOVISUAL RISER DIAGRAM
SCALE: NTS
GREAT HALL - SALON A & B - NORTH WALL



B AUDIOVISUAL RISER DIAGRAM
SCALE: NTS
GREAT HALL - SALON A - SIDE WALL



C AUDIOVISUAL RISER DIAGRAM
SCALE: NTS
GREAT HALL - SALON C - SIDE WALL

AV JUNCTION BOX AND DEVICE SCHEDULE			
SYMBOL	FUNCTION	DESCRIPTION	SLACK
X	AV WALL BOX, 'X' = BOX NUMBER	2 GANG RECESS MOUNTED BACK BOX	10'
X	AV WALL BOX, 'X' = BOX NUMBER	CHIEF PAC526 BACK BOX (PROVIDED BY AVC AND INSTALLED BY G.C.)	10'
X	AV WALL CONNECTION PLATE, 'X' = PLATE NUMBER	2 GANG RECESS MOUNTED BACK BOX	10'
X	AV WALL CONNECTION PLATE, 'X' = PLATE NUMBER	4 GANG RECESS MOUNTED BACK BOX	10'
X	AV CONTROL KEYPAD, 'X' = BOX NUMBER	CRESTRON TST-902-DSW-BB BACK BOX	10'
X	EQUIPMENT RACK, 'X' = BOX NUMBER	12 X 12 NEMA JUNCTION BOX	20'
X	EXISTING FLOOR BOX	EXISTING FLOOR BOX	N/A
X	VTC CAMERA, 'X' = CAMERA NUMBER	WALL MOUNTED CAMERA, 2 GANG RECESS MOUNT BACK BOX	10'
X	CEILING VTC CAMERA, 'X' = CAMERA NUMBER	CEILING MOUNTED CAMERA	10'
X	WALL MOUNTED SPEAKER, 'X' = SPEAKER NUMBER	WALL MOUNTED SPEAKER, 2 GANG RECESS MOUNT BACK BOX	5'
X	CEILING SPEAKER, 'X' = SPEAKER NUMBER	CEILING MOUNTED SPEAKER	10'
X	EXISTING AV CEILING MOUNTED PROJECTOR	EXISTING CEILING MOUNTED PROJECTOR	10'
X	PROJECTION SCREEN INTEGRATED LVC, 'X' = SCREEN NUMBER	1 GANG JUNCTION BOX MOUNTED TO SIDE OF SCREEN HOUSING	5'
X	TABLE MOUNTED TOUCH PANEL, 'X' = TOUCH PANEL NUMBER	TABLETOP MOUNTED TOUCH PANEL	10'
2	2 PORT WALL MOUNTED DATA OUTLET	N/A	N/A
	120V, 20A, WALL MOUNTED DUPLEX POWER OUTLET	N/A	N/A
	120V, 20A, CEILING/CABLE TRAY MOUNTED DUPLEX POWER OUTLET	N/A	N/A



IMAGINATION ENGINEERED

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 - ☐ Make Corrections Noted.
 - ☐ No Resubmission Required
 - ☐ Rejected, Revise & Resubmit

Reviewed By: _____
Date: _____

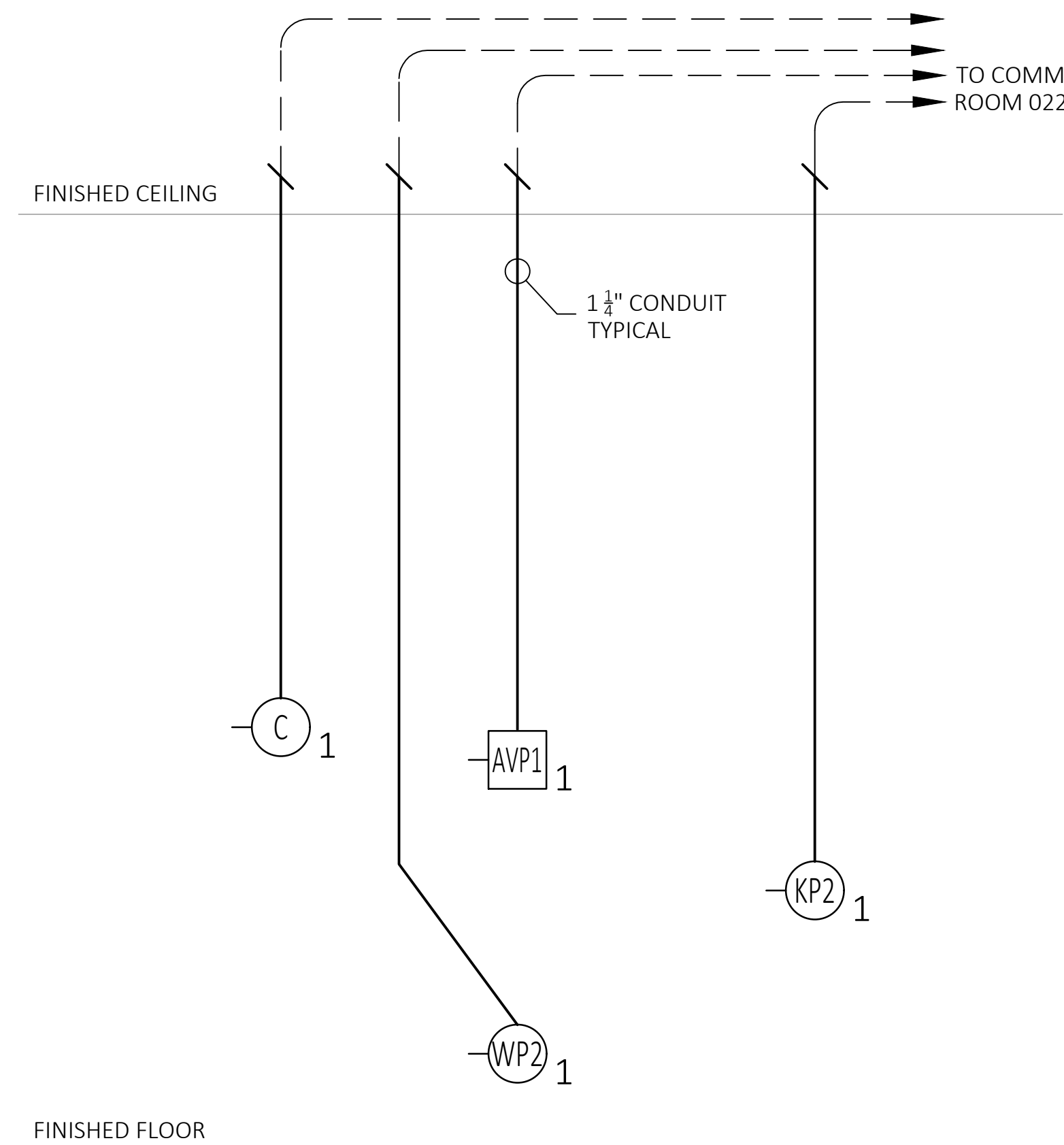
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REV	DATE	DESCRIPTION


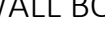
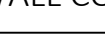
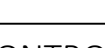
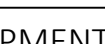


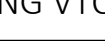
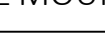
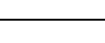



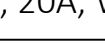
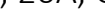


DATE: 10/25/2018
SCALE: NTS
DRAWN: B.HOAGE
ENG BY: S.ODONNELL

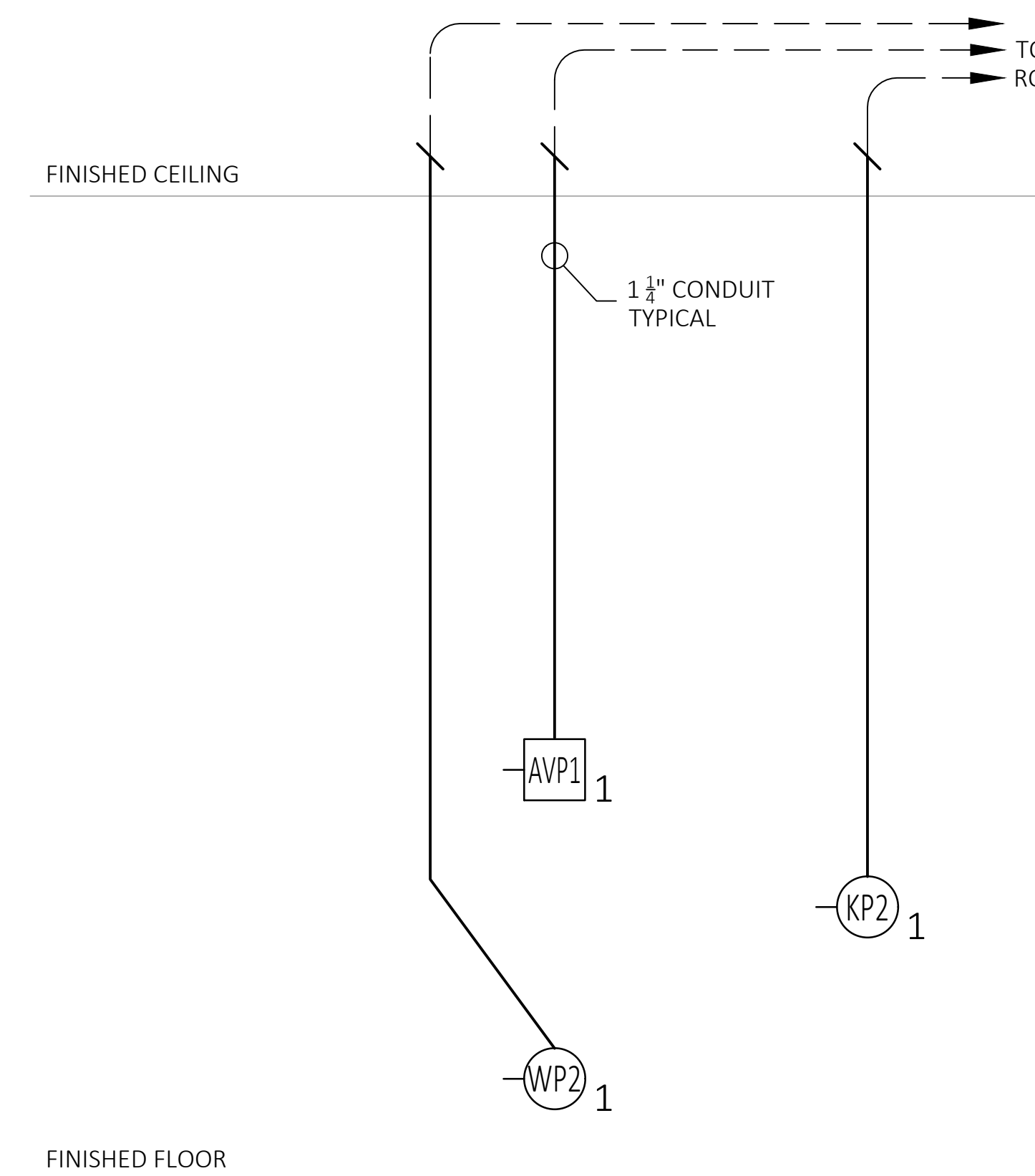
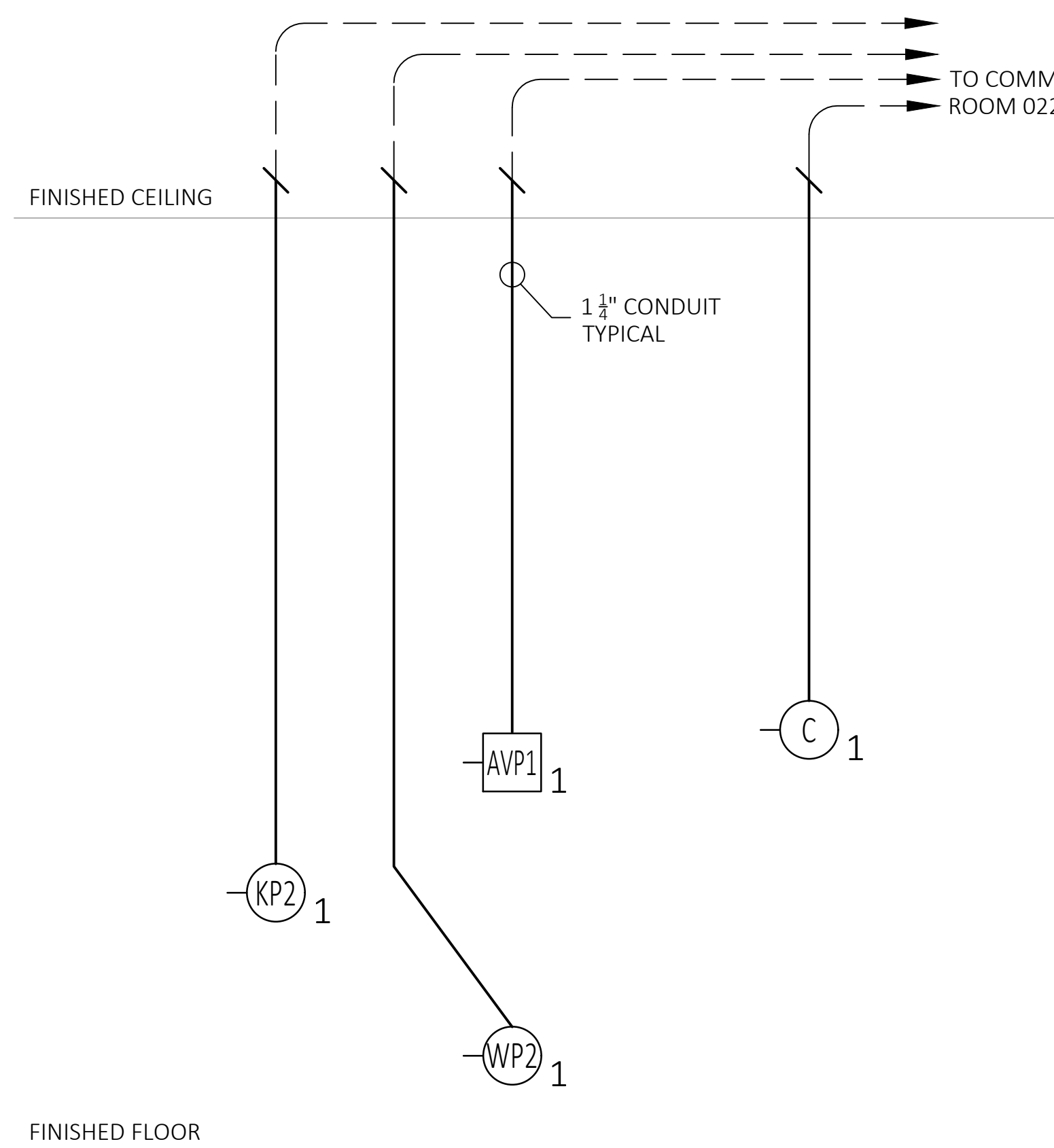
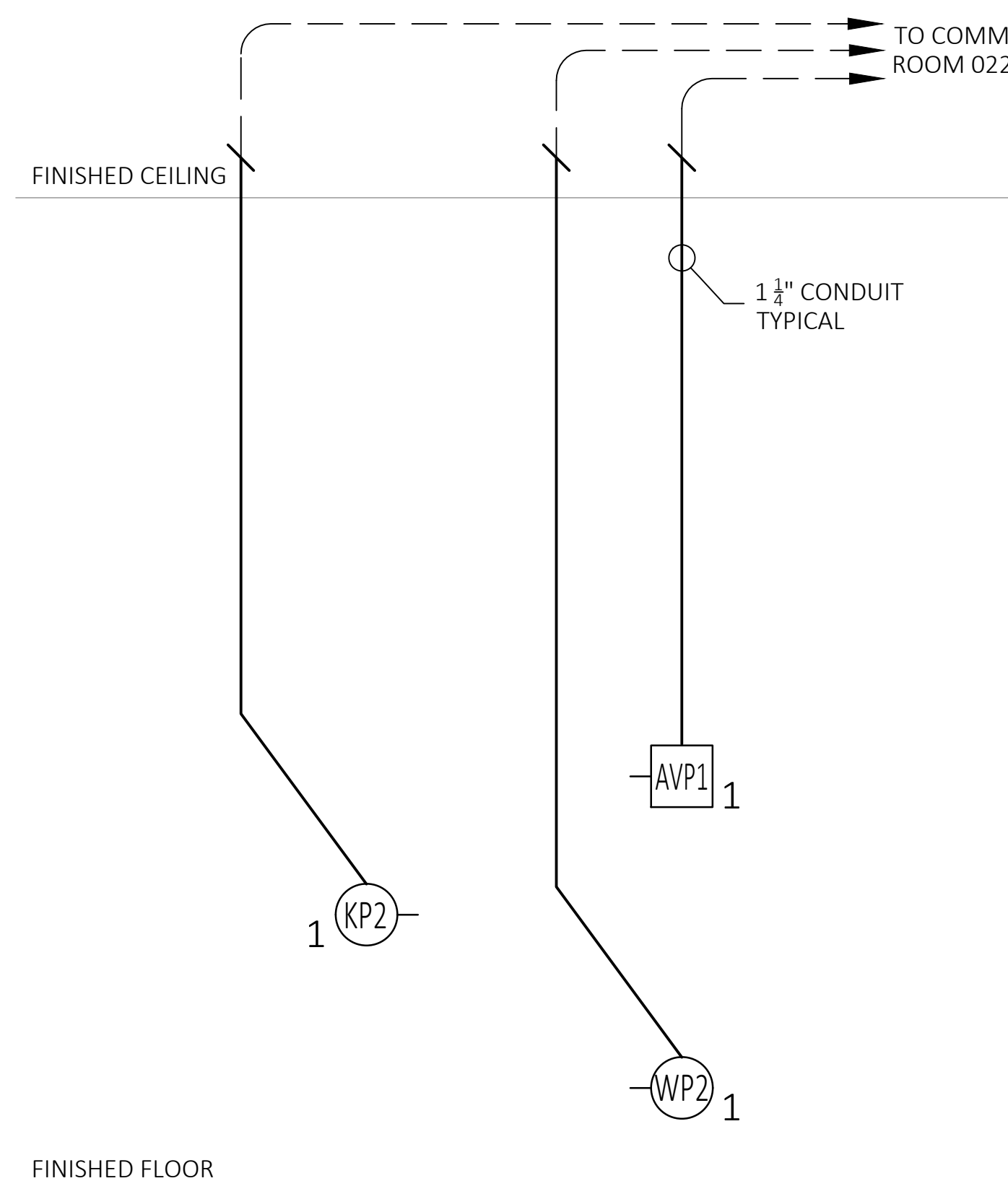
SHEET SIZE ARCH D 36 X 24

GREAT HALL
SALON A, B & C
AUDIOVISUAL
RISER
DIAGRAMS

DRAWING NO.
TA01-231
PROJECT NO.
L06877



AV JUNCTION BOX AND DEVICE SCHEDULE			
SYMBOL	FUNCTION	DESCRIPTION	SLACK
 x	AV WALL BOX, 'X' = BOX NUMBER	2 GANG RECESS MOUNTED BACK BOX	10'
 x	AV WALL BOX, 'X' = BOX NUMBER	CHIEF PAC526 BACK BOX (PROVIDED BY AVC AND INSTALLED BY G.C.)	10'
 x	AV WALL CONNECTION PLATE, 'X' = PLATE NUMBER	2 GANG RECESS MOUNTED BACK BOX	10'
 x	AV WALL CONNECTION PLATE, 'X' = PLATE NUMBER	4 GANG RECESS MOUNTED BACK BOX	10'
 x	AV CONTROL KEYPAD, 'X' = BOX NUMBER	CRESTRON TST-902-DSW-BB BACK BOX	10'
 x	EQUIPMENT RACK, 'X' = BOX NUMBER	12 X 12 NEMA JUNCTION BOX	20'
 x	EXISTING FLOOR BOX	EXISTING FLOOR BOX	N/A
 x	VTC CAMERA, 'X' = CAMERA NUMBER	WALL MOUNTED CAMERA, 2 GANG RECESS MOUNT BACK BOX	10'
 x	CEILING VTC CAMERA, 'X' = CAMERA NUMBER	CEILING MOUNTED CAMERA	10'
 x	WALL MOUNTED SPEAKER, 'X' = SPEAKER NUMBER	WALL MOUNTED SPEAKER, 2 GANG RECESS MOUNT BACK BOX	5'
 x	CEILING SPEAKER, 'X' = SPEAKER NUMBER	CEILING MOUNTED SPEAKER	10'
 x	EXISTING AV CEILING MOUNTED PROJECTOR	EXISTING CEILING MOUNTED PROJECTOR	10'
 x	PROJECTION SCREEN INTEGRATED LVC, 'X' = SCREEN NUMBER	1 GANG JUNCTION BOX MOUNTED TO SIDE OF SCREEN HOUSING	5'
 x	TABLE MOUNTED TOUCH PANEL, 'X' = TOUCH PANEL NUMBER	TABLETOP MOUNTED TOUCH PANEL	10'
 2	2 PORT WALL MOUNTED DATA OUTLET	N/A	N/A
	120V, 20A, WALL MOUNTED DUPLEX POWER OUTLET	N/A	N/A
	120V, 20A, CEILING/CABLE TRAY MOUNTED DUPLEX POWER OUTLET	N/A	N/A



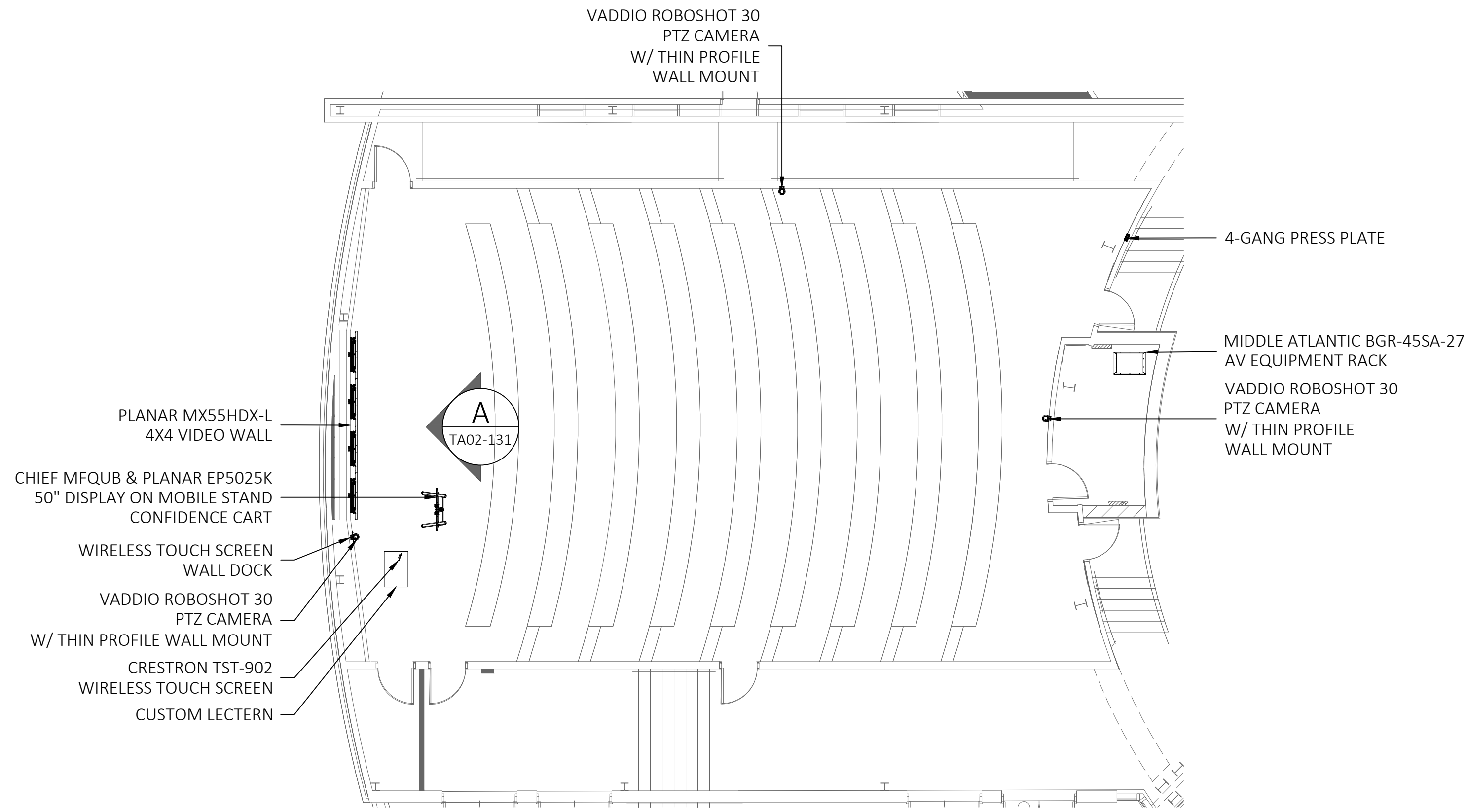
1	01/08/2019	ISSUE FOR COORDINATION
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REV	DATE	DESCRIPTION

DATE: 10/25/2018
SCALE: NTS
DRAWN: B.HOAGE
ENG BY: S.ODONNELL

SHEET SIZE ARCH D 36 X 24

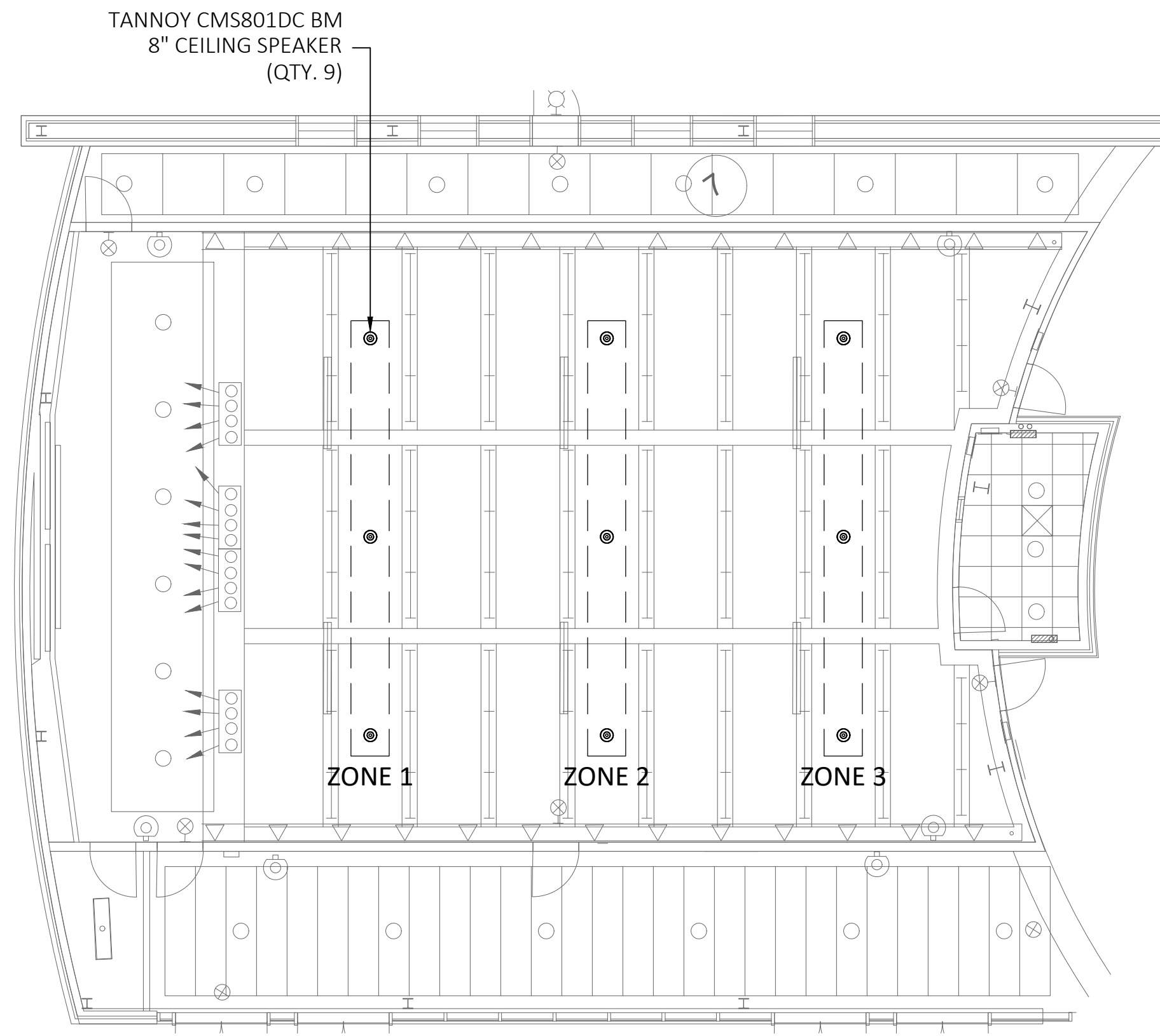
GREAT HALL
SALON B, D, E & F
AUDIOVISUAL
RISER
DIAGRAMS

DRAWING NO.	TA01-232
PROJECT NO.	L06877



1 AUDIOVISUAL FLOOR FACILITIES PLAN
SCALE: 1/8"=1'-0"

AUDITORIUM



2 AUDIOVISUAL CIELING FACILITIES PLAN
SCALE: 1/8"=1'-0"

AUDITORIUM

The client has reviewed this drawing and asks that the following actions be taken:
☐ Approved, No Exceptions Taken
☐ Make Corrections Noted.
☐ No Resubmission Required
☐ Rejected, Revise & Resubmit

Reviewed By: _____
Date: _____

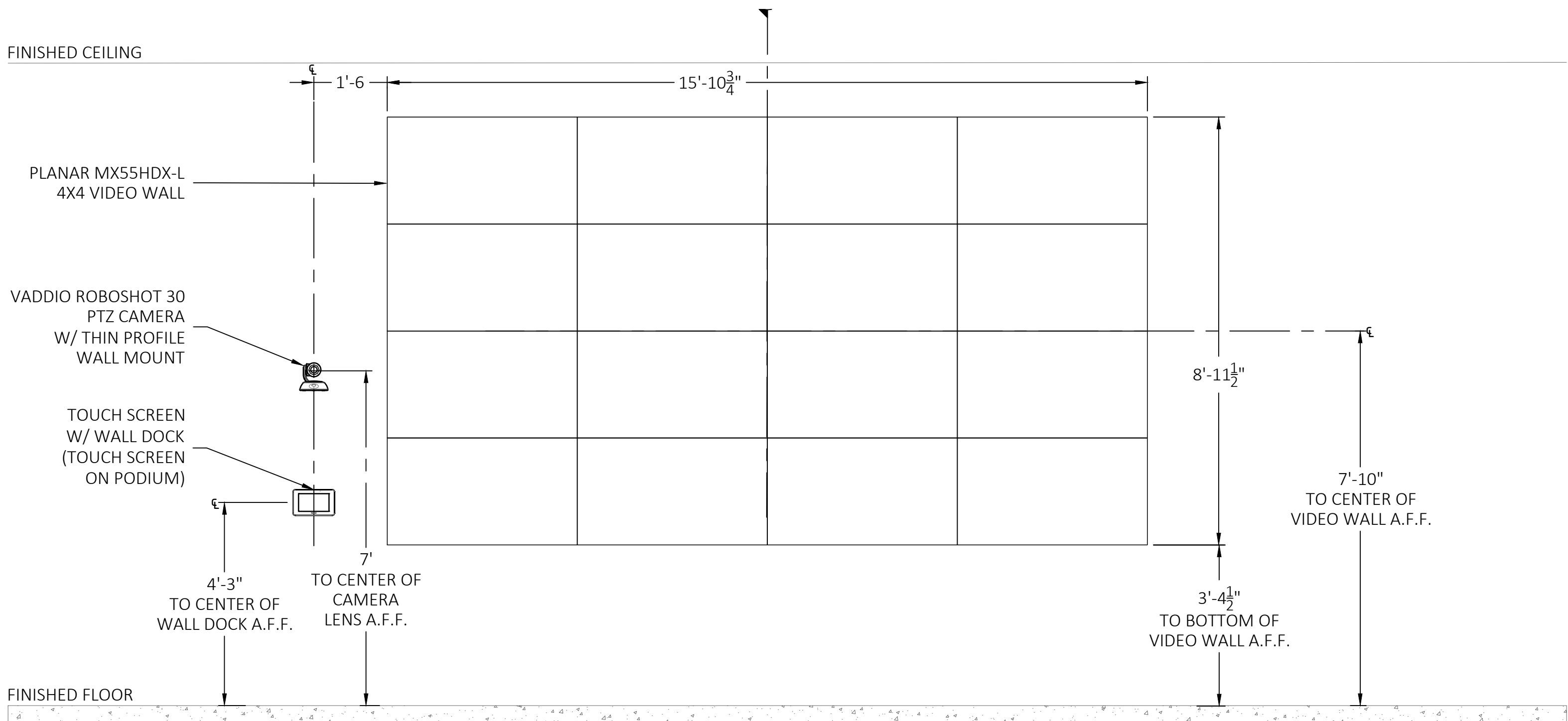
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0	10/25/2018	ISSUE FOR REVIEW
REV	DATE	DESCRIPTION

DATE: 10/25/2018
SCALE: 1/8" = 1'-0"
DRAWN: B.HOAGE
ENG BY: S.ODONNELL

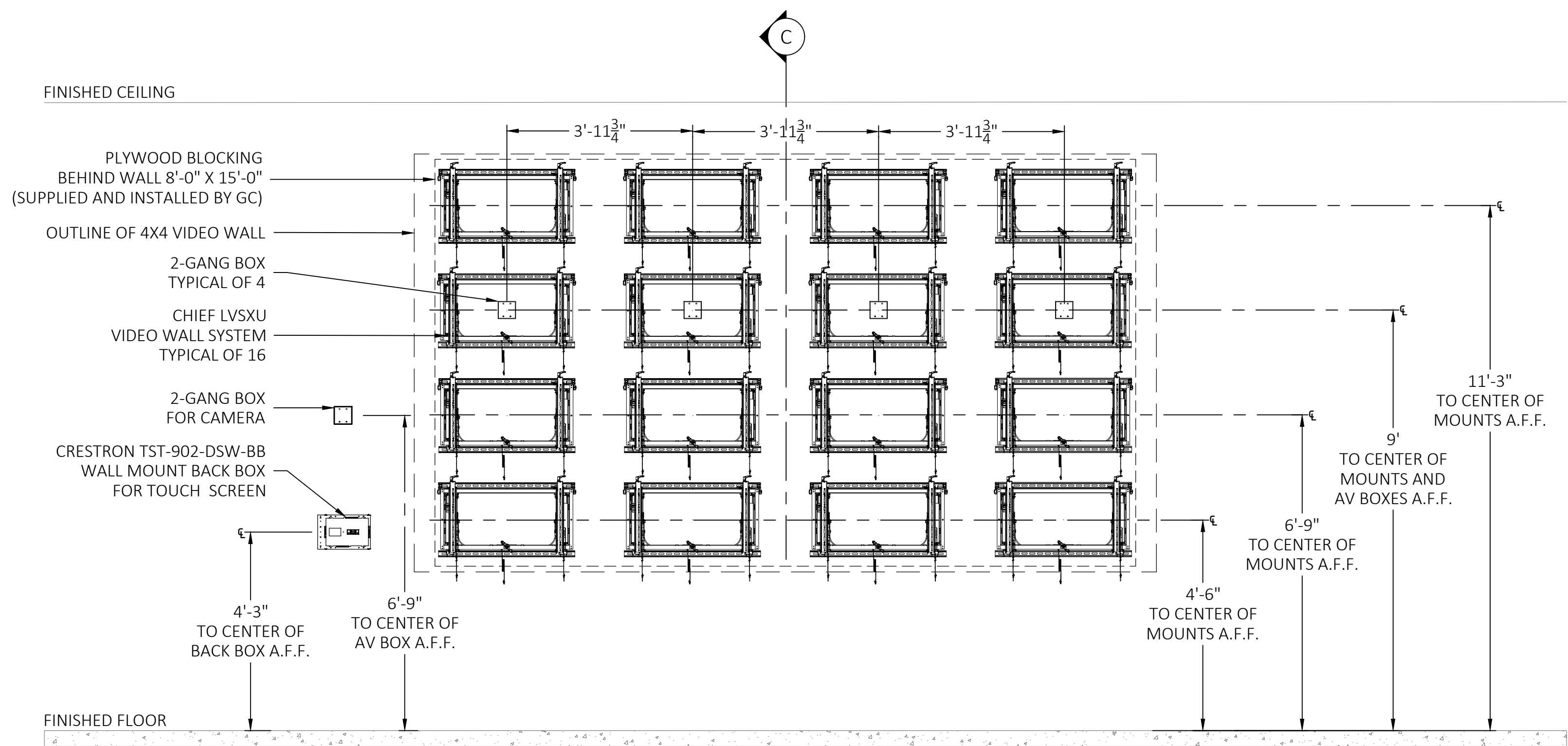
SHEET SIZE ARCH D 36 X 24

AUDITORIUM
AUDIOVISUAL
FACILITIES
PLANS

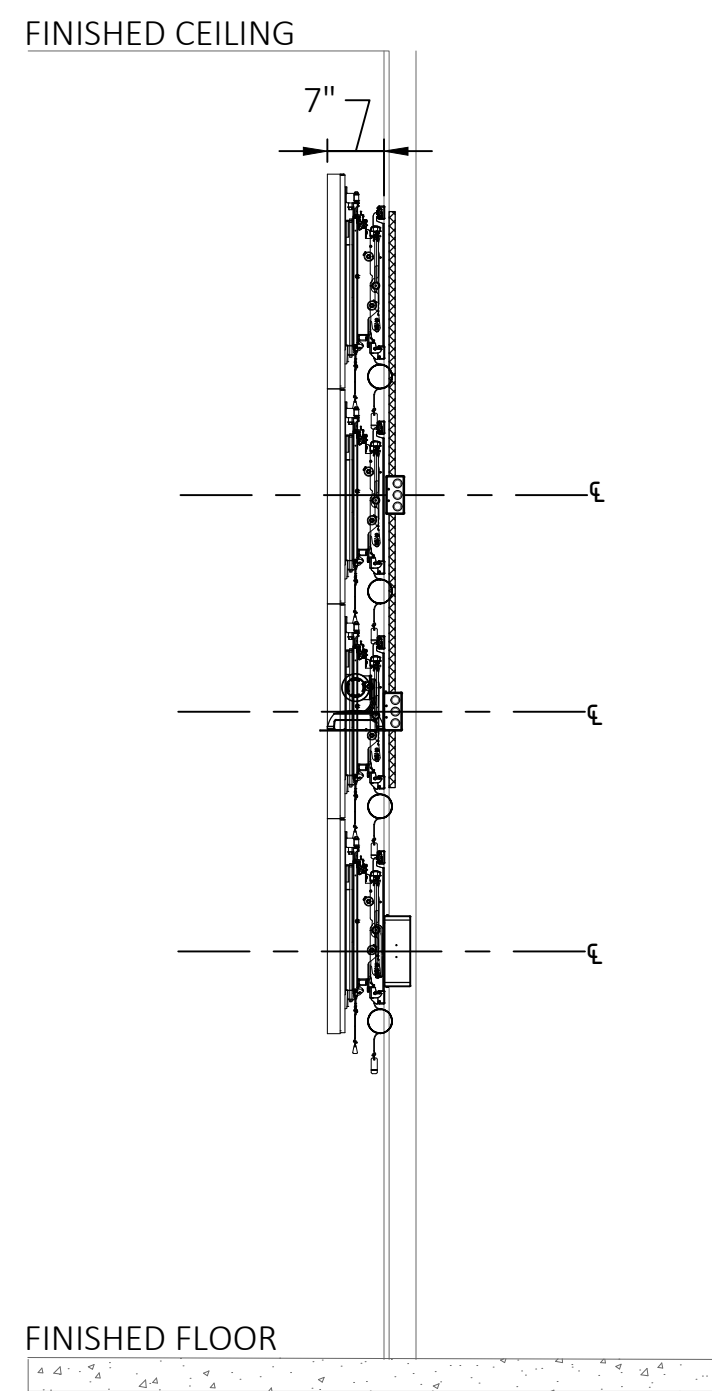
DRAWING NO.
L06877
PROJECT NO.
L06877



A AUDIOVISUAL DISPLAY EQUIPMENT ELEVATION
SCALE: 1/2"=1'-0" AUDITORIUM



B AUDIOVISUAL DISPLAY ELECTRICAL AND MOUNTING ELEVATION
SCALE: 1/2"=1'-0" AUDITORIUM



C AUDIOVISUAL DISPLAY SECTION
SCALE: 1/2"=1'-0" AUDITORIUM

The client has reviewed this drawing and asks that the following actions be taken:

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- ☐ Make Corrections Noted.
- ☐ No Resubmission Required
- ☐ Rejected, Revise & Resubmit

Reviewed By: _____
Date: _____

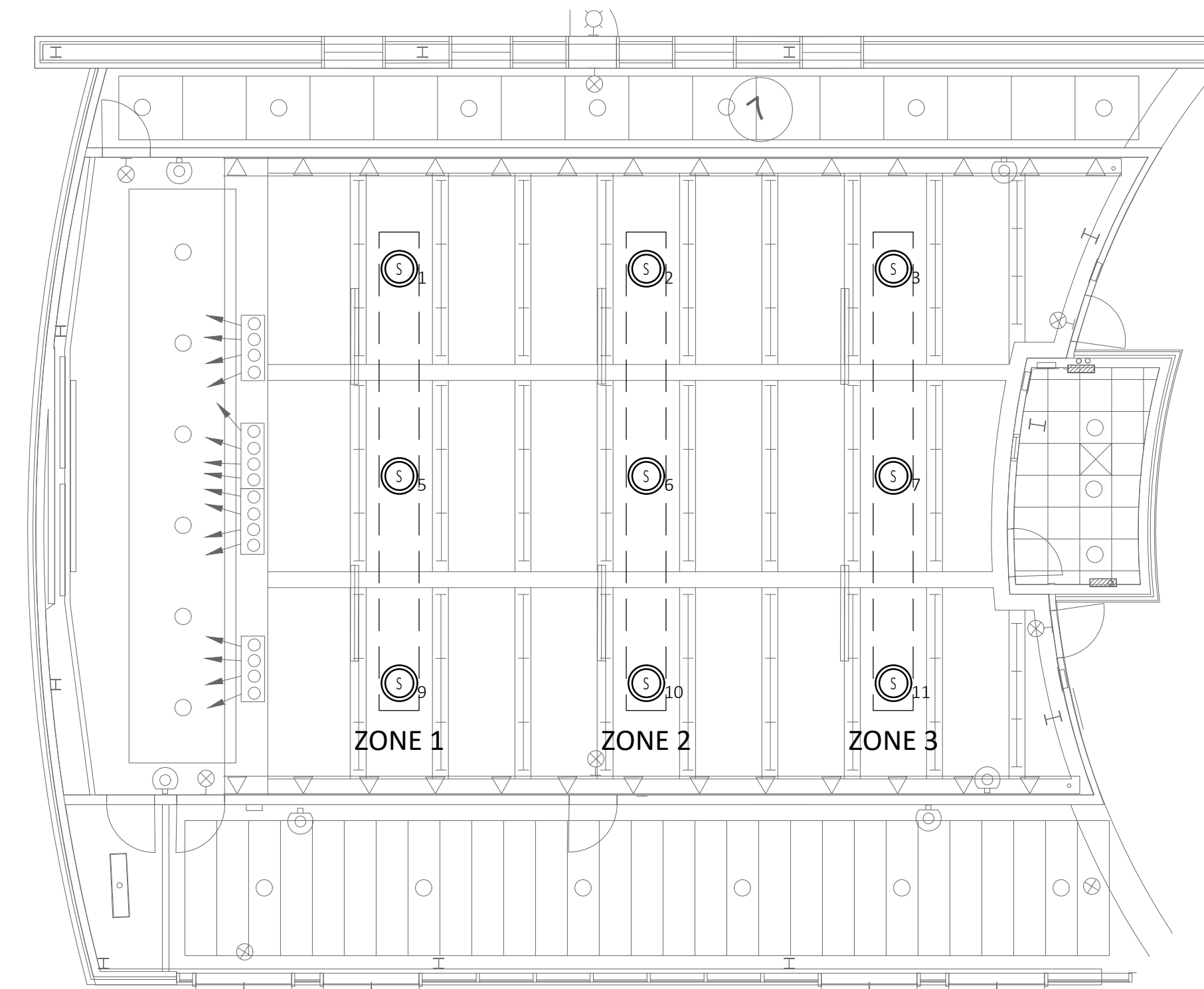
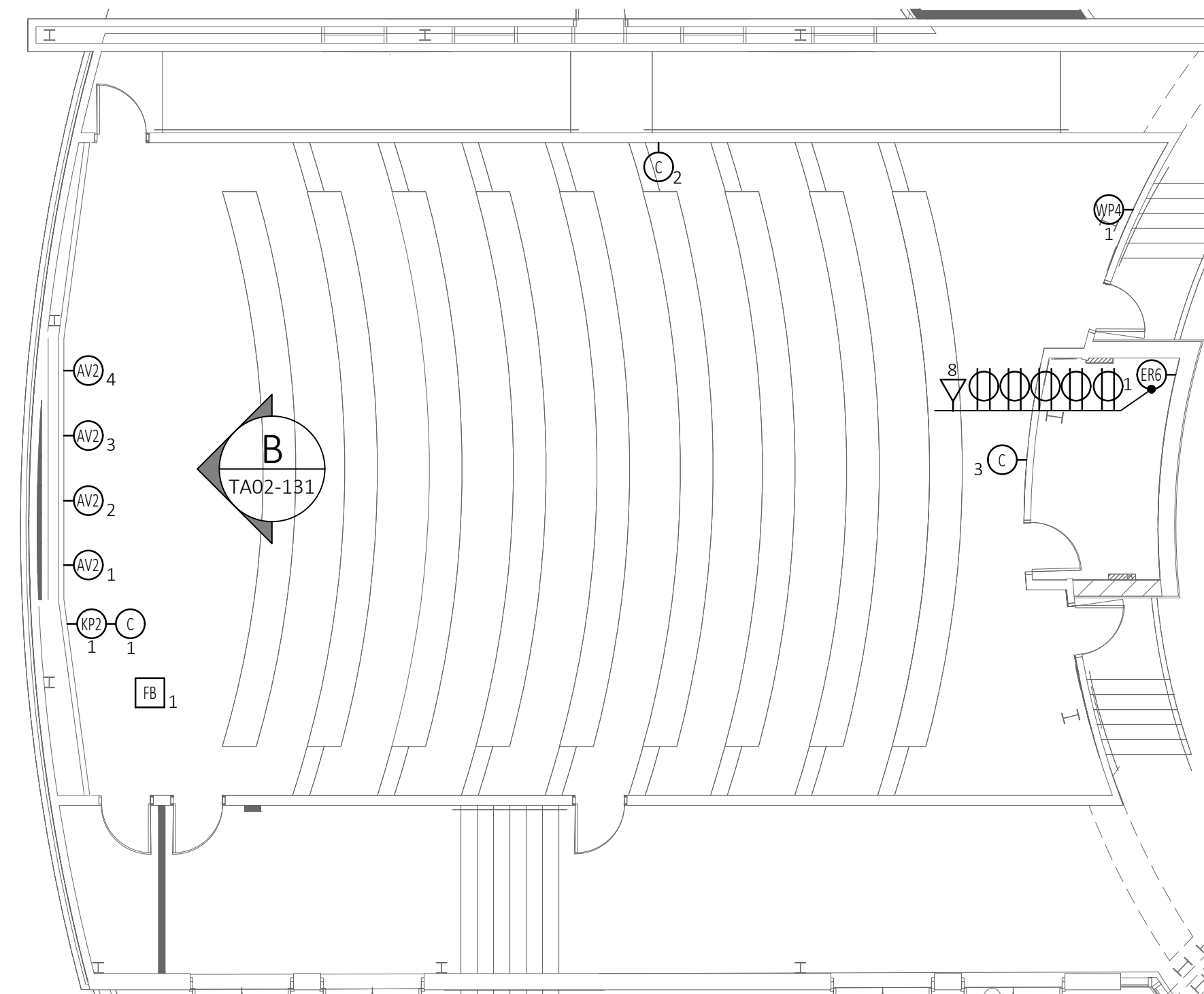
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REV	DATE	DESCRIPTION









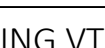
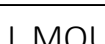

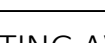
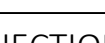
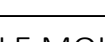
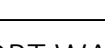
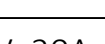
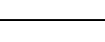
DATE: 10/25/2018
SCALE: 1/2" = 1'-0"
DRAWN: B.HOAGE
ENG BY: S.ODONNELL

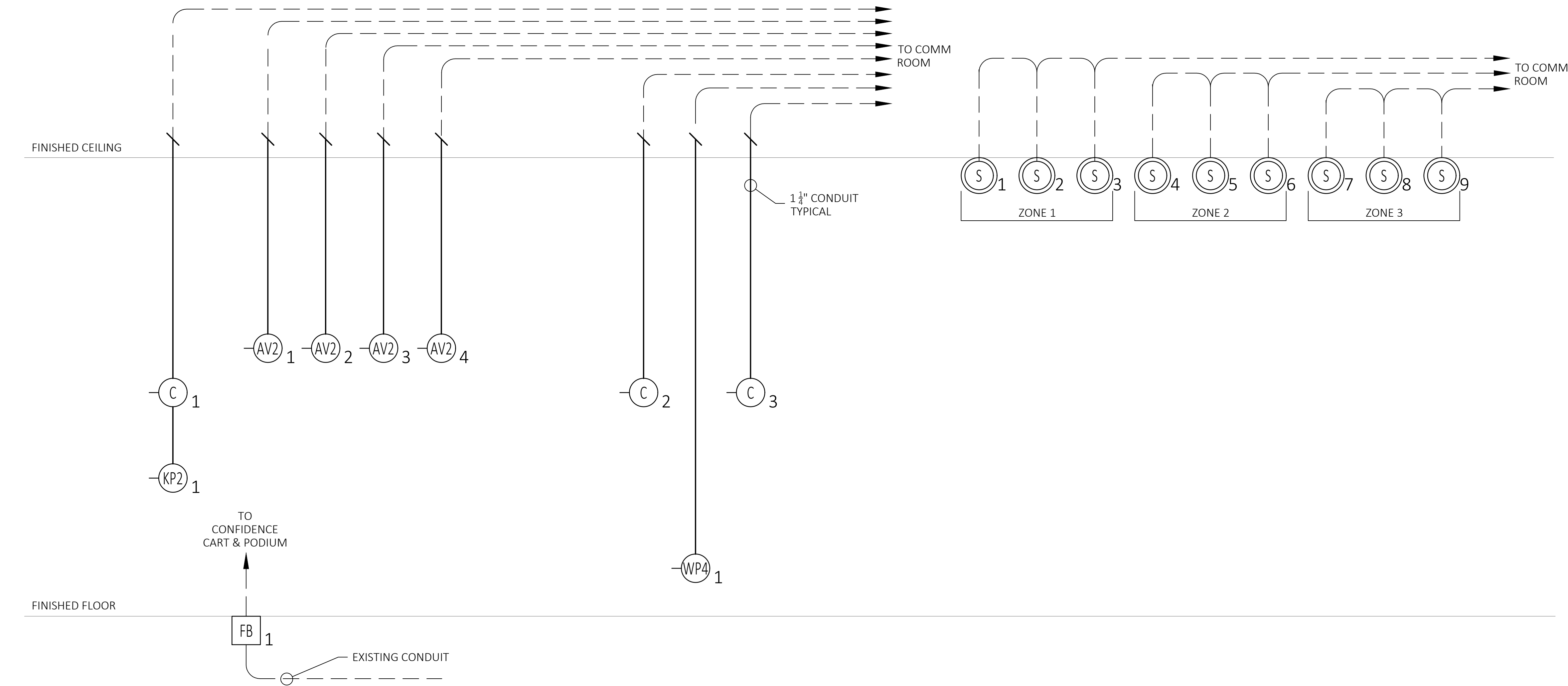
SHEET SIZE ARCH D 36 X 24

AUDITORIUM
AUDIOVISUAL
VIDEO WALL
ELEVATIONS

DRAWING NO.
TA02-131
PROJECT NO.
L06877



AV JUNCTION BOX AND DEVICE SCHEDULE			
SYMBOL	FUNCTION	DESCRIPTION	SLACK
 X	AV WALL BOX, 'X' = BOX NUMBER	2 GANG RECESS MOUNTED BACK BOX	10'
 X	AV WALL BOX, 'X' = BOX NUMBER	CHIEF PAC526 BACK BOX (PROVIDED BY AVC AND INSTALLED BY G.C.)	10'
 X	AV WALL CONNECTION PLATE, 'X' = PLATE NUMBER	2 GANG RECESS MOUNTED BACK BOX	10'
 X	AV WALL CONNECTION PLATE, 'X' = PLATE NUMBER	4 GANG RECESS MOUNTED BACK BOX	10'
 X	AV CONTROL KEYPAD, 'X' = BOX NUMBER	CRESTRON TST-902-DSW-BB BACK BOX	10'
 X	EQUIPMENT RACK, 'X' = BOX NUMBER	12 X 12 NEMA JUNCTION BOX	20'
 X	EXISTING FLOOR BOX	EXISTING FLOOR BOX	N/A
 X	VTC CAMERA , 'X' = CAMERA NUMBER	WALL MOUNTED CAMERA, 2 GANG RECESS MOUNT BACK BOX	10'
 X	CEILING VTC CAMERA , 'X' = CAMERA NUMBER	CEILING MOUNTED CAMERA	10'
 X	WALL MOUNTED SPEAKER , 'X' = SPEAKER NUMBER	WALL MOUNTED SPEAKER, 2 GANG RECESS MOUNT BACK BOX	5'
 X	CEILING SPEAKER , 'X' = SPEAKER NUMBER	CEILING MOUNTED SPEAKER	10'
 X	EXISTING AV CEILING MOUNTED PROJECTOR	EXISTING CEILING MOUNTED PROJECTOR	10'
 X	PROJECTION SCREEN INTEGRATED LVC, 'X' = SCREEN NUMBER	1 GANG JUNCTION BOX MOUNTED TO SIDE OF SCREEN HOUSING	5'
 X	TABLE MOUNTED TOUCH PANEL, 'X' = TOUCH PANEL NUMBER	TABLETOP MOUNTED TOUCH PANEL	10'
 2	2 PORT WALL MOUNTED DATA OUTLET	N/A	N/A
	120V, 20A, WALL MOUNTED DUPLEX POWER OUTLET	N/A	N/A
	120V, 20A, CEILING/CABLE TRAY MOUNTED DUPLEX POWER OUTLET	N/A	N/A



A AUDIOVISUAL RISER DIAGRAM
SCALE: NTS
AUDITORIUM

AV JUNCTION BOX AND DEVICE SCHEDULE			
SYMBOL	FUNCTION	DESCRIPTION	SLACK
X	AV WALL BOX, 'X' = BOX NUMBER	2 GANG RECESS MOUNTED BACK BOX	10'
X	AV WALL BOX, 'X' = BOX NUMBER	CHIEF PAC526 BACK BOX (PROVIDED BY AVC AND INSTALLED BY G.C.)	10'
X	AV WALL CONNECTION PLATE, 'X' = PLATE NUMBER	2 GANG RECESS MOUNTED BACK BOX	10'
X	AV WALL CONNECTION PLATE, 'X' = PLATE NUMBER	4 GANG RECESS MOUNTED BACK BOX	10'
X	AV CONTROL KEYPAD, 'X' = BOX NUMBER	CRESTRON TST-902-DSW-BB BACK BOX	10'
X	EQUIPMENT RACK, 'X' = BOX NUMBER	12 X 12 NEMA JUNCTION BOX	20'
X	EXISTING FLOOR BOX	EXISTING FLOOR BOX	N/A
X	VTC CAMERA , 'X' = CAMERA NUMBER	WALL MOUNTED CAMERA, 2 GANG RECESS MOUNT BACK BOX	10'
X	CEILING VTC CAMERA , 'X' = CAMERA NUMBER	CEILING MOUNTED CAMERA	10'
X	WALL MOUNTED SPEAKER , 'X' = SPEAKER NUMBER	WALL MOUNTED SPEAKER, 2 GANG RECESS MOUNT BACK BOX	5'
X	CEILING SPEAKER , 'X' = SPEAKER NUMBER	CEILING MOUNTED SPEAKER	10'
X	EXISTING AV CEILING MOUNTED PROJECTOR	EXISTING CEILING MOUNTED PROJECTOR	10'
X	PROJECTION SCREEN INTEGRATED LVC, 'X' = SCREEN NUMBER	1 GANG JUNCTION BOX MOUNTED TO SIDE OF SCREEN HOUSING	5'
X	TABLE MOUNTED TOUCH PANEL, 'X' = TOUCH PANEL NUMBER	TABLETOP MOUNTED TOUCH PANEL	10'
2	2 PORT WALL MOUNTED DATA OUTLET	N/A	N/A
	120V, 20A, WALL MOUNTED DUPLEX POWER OUTLET	N/A	N/A
	120V, 20A, CEILING/CABLE TRAY MOUNTED DUPLEX POWER OUTLET	N/A	N/A

The client has reviewed this drawing and asks that the following actions be taken:

- ☐ Approved, No Exceptions Taken
- ☐ Make Corrections Noted.
- ☐ No Resubmission Required
- ☐ Rejected, Revise & Resubmit

Reviewed By: _____
Date: _____

1	01/08/2019	ISSUE FOR COORDINATION
0	10/25/2018	ISSUE FOR REVIEW
REV	DATE	DESCRIPTION

DATE: 10/25/2018
SCALE: NTS
DRAWN: B.HOAGE
ENG BY: S.ODONNELL

SHEET SIZE ARCH D 36 X 24

AUDITORIUM
AUDIOVISUAL
RISER DIAGRAM

DRAWING NO.
TA02-231
PROJECT NO.
L06877

IALR
150 SLAYTON AV
DANVILLE, VA 24540

The client has reviewed this drawing and asks that the following actions be taken:

- ☐ Approved, No Exceptions Taken
- ☐ Make Corrections Noted.
- ☐ No Resubmission Required
- ☐ Rejected, Revise & Resubmit

Reviewed By: _____
Date: _____

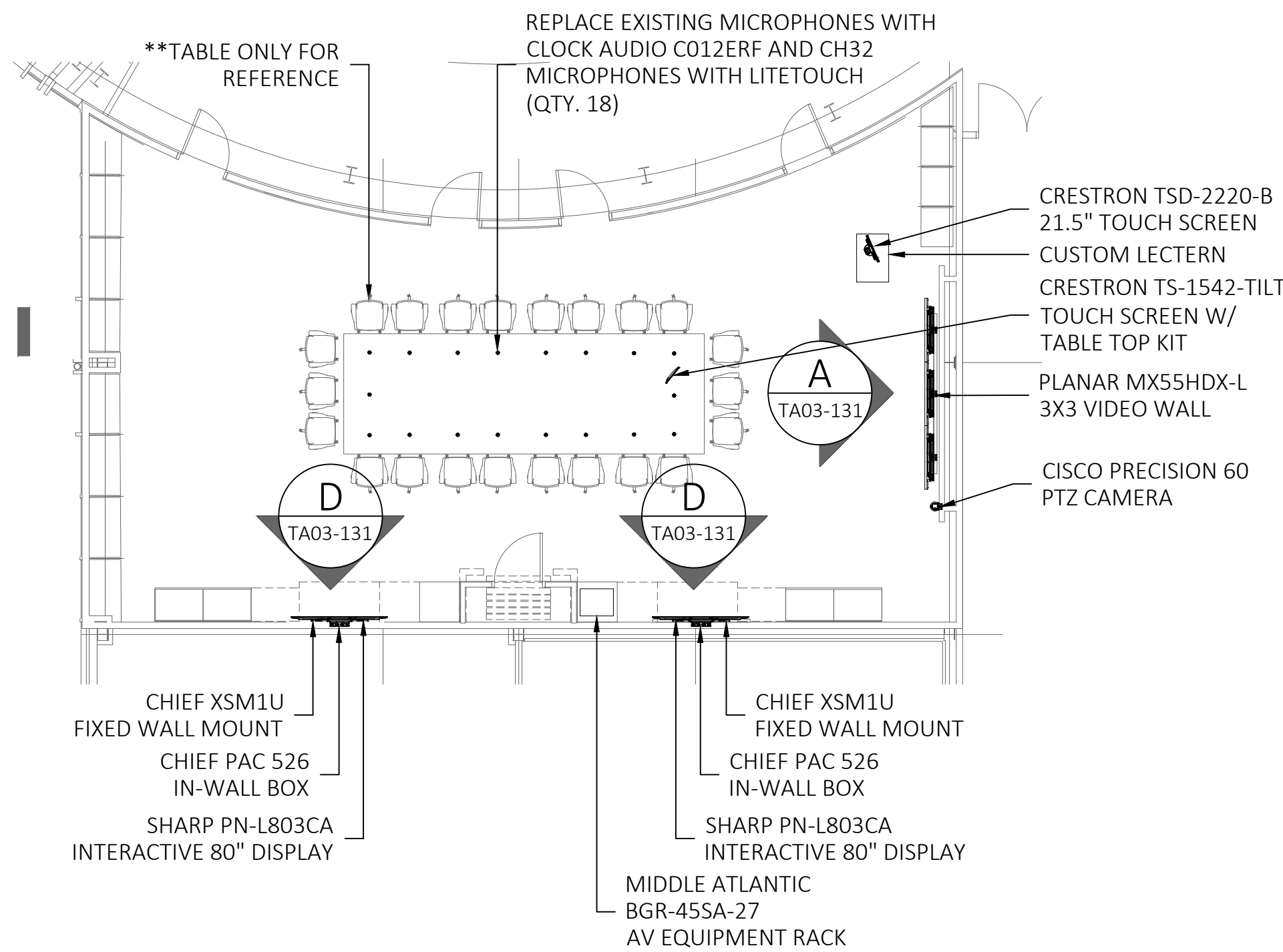
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0	10/25/2018	ISSUE FOR REVIEW
REV	DATE	DESCRIPTION

DATE: 10/25/2018
SCALE: 1/8" = 1'-0"
DRAWN: B.HOAGE
ENG BY: S.ODONNELL

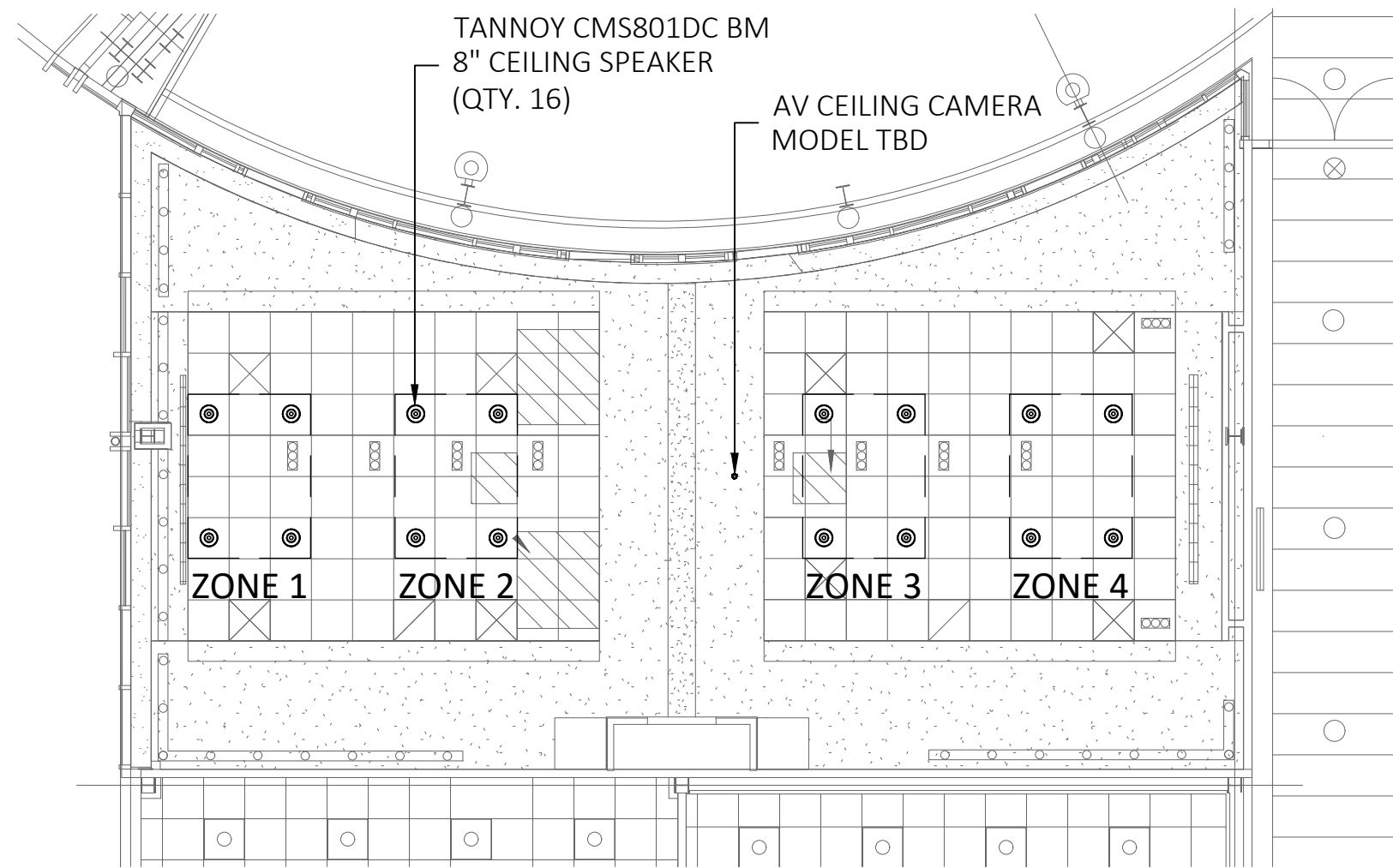
SHEET SIZE ARCH D 36 X 24

BOARDROOM
AUDIOVISUAL
FACILITIES
PLANS

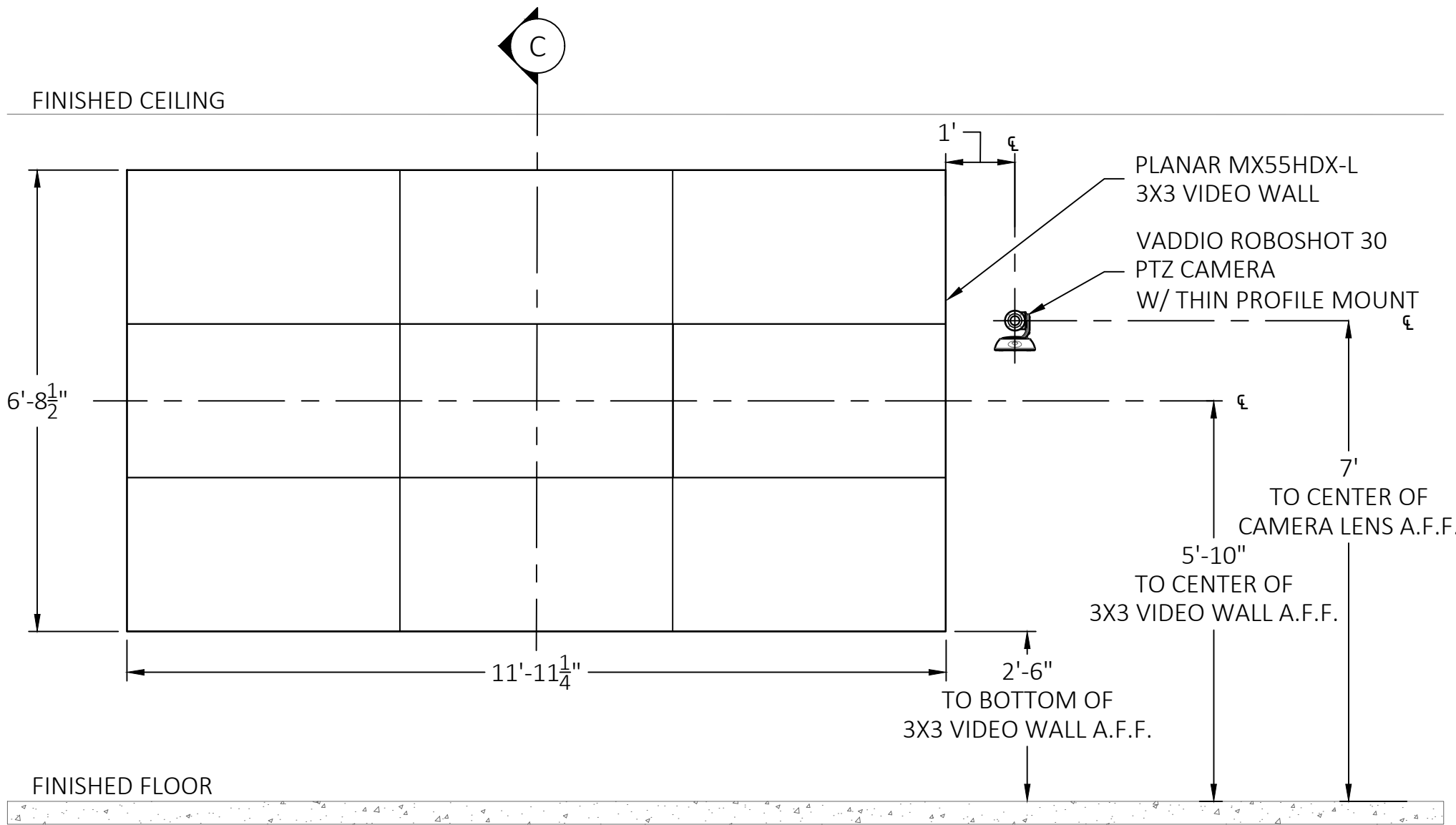
DRAWING NO.
L06877
PROJECT NO.
L06877



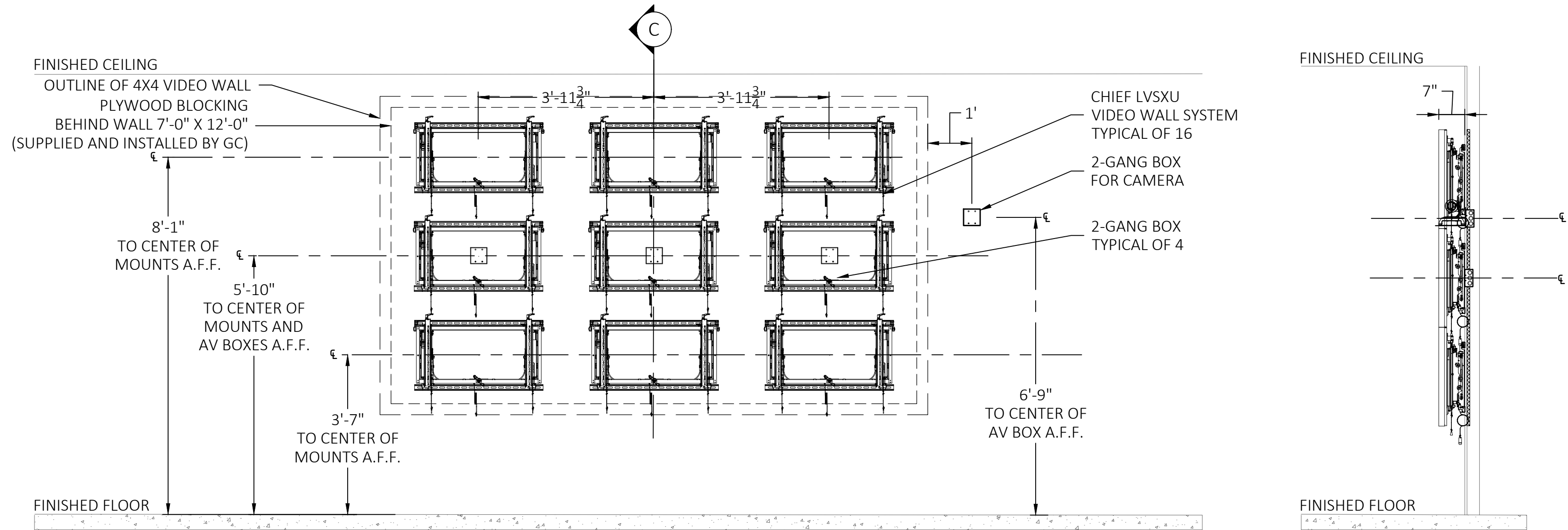
1 AUDIOVISUAL FLOOR FACILITIES PLAN
SCALE: 1/8"=1'-0" BOARDROOM



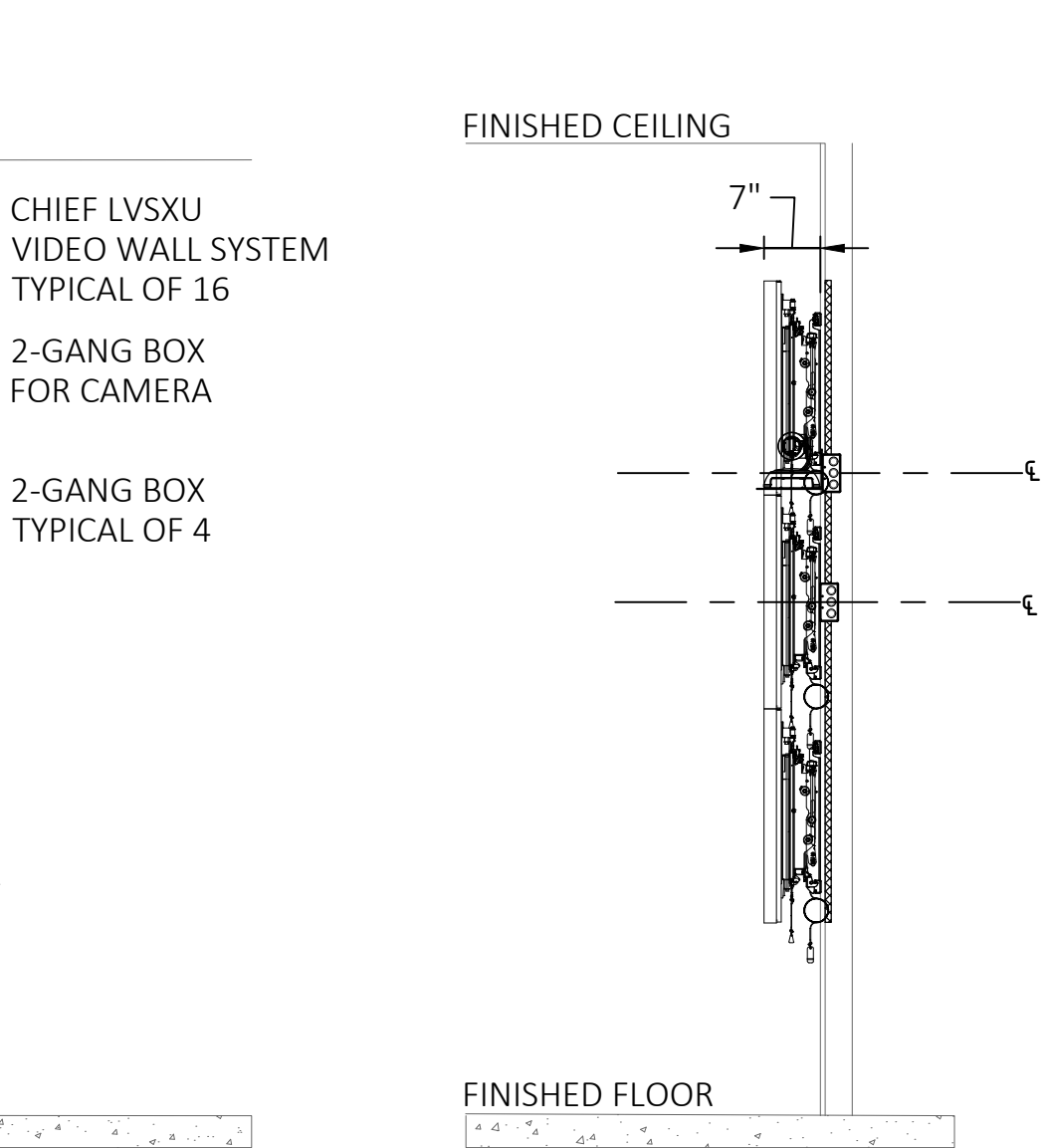
2 AUDIOVISUAL CIELING FACILITIES PLAN
SCALE: 1/8"=1'-0" BOARDROOM



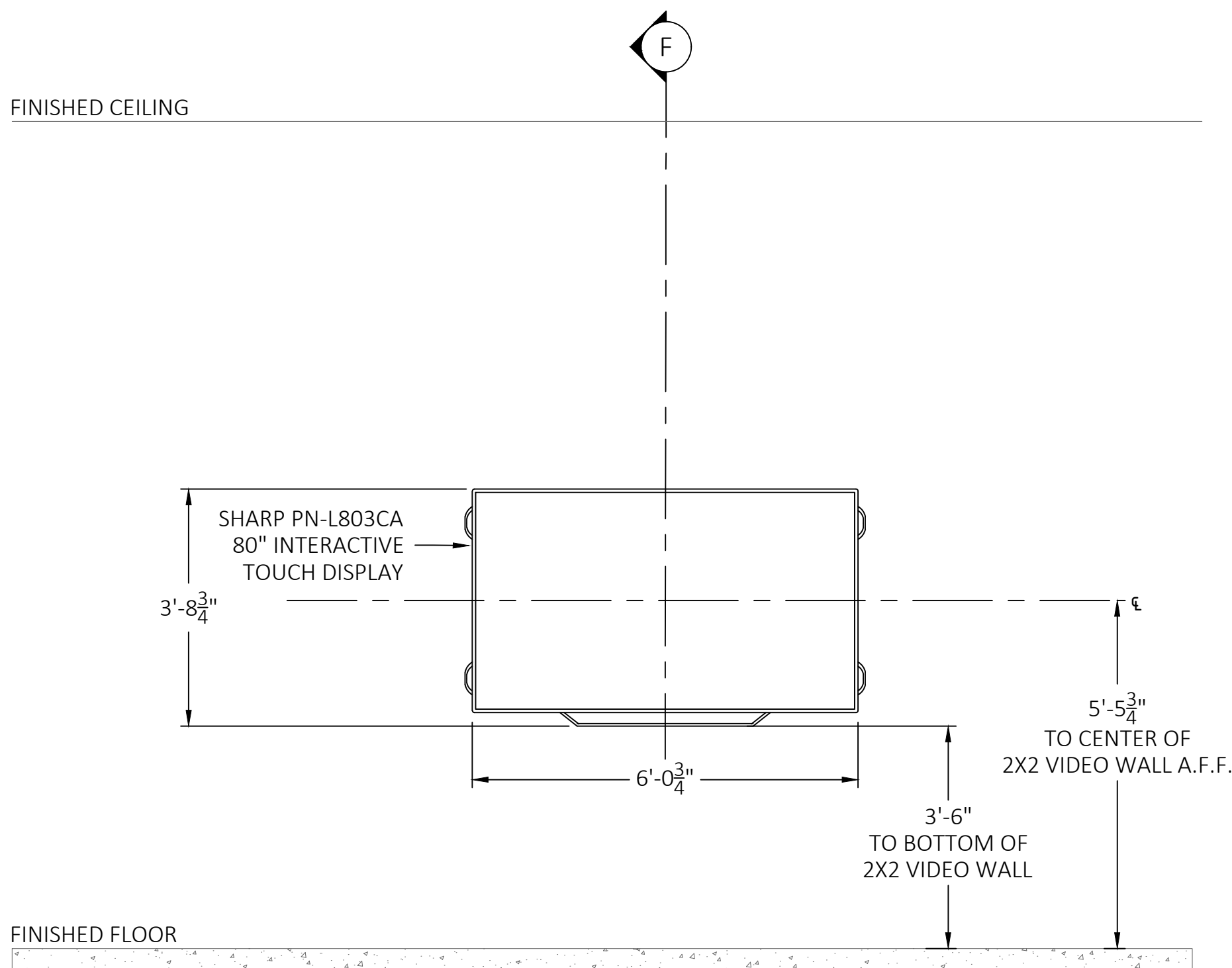
A AUDIOVISUAL DISPLAY EQUIPMENT ELEVATION
SCALE: 1/2"=1'-0" BOARDROOM



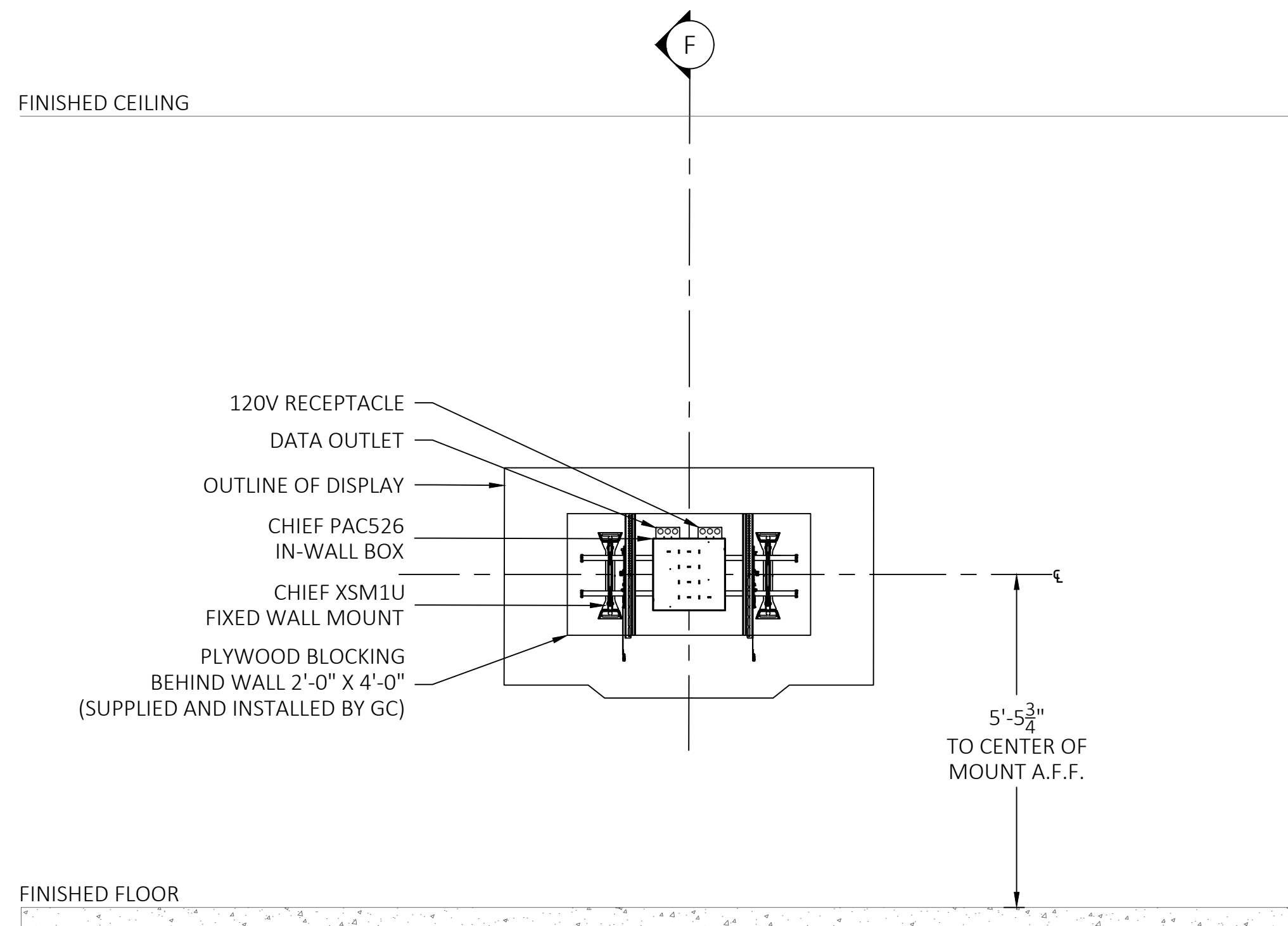
B AUDIOVISUAL DISPLAY ELECTRICAL AND MOUNTING ELEVATION
SCALE: 1/2"=1'-0" BOARDROOM



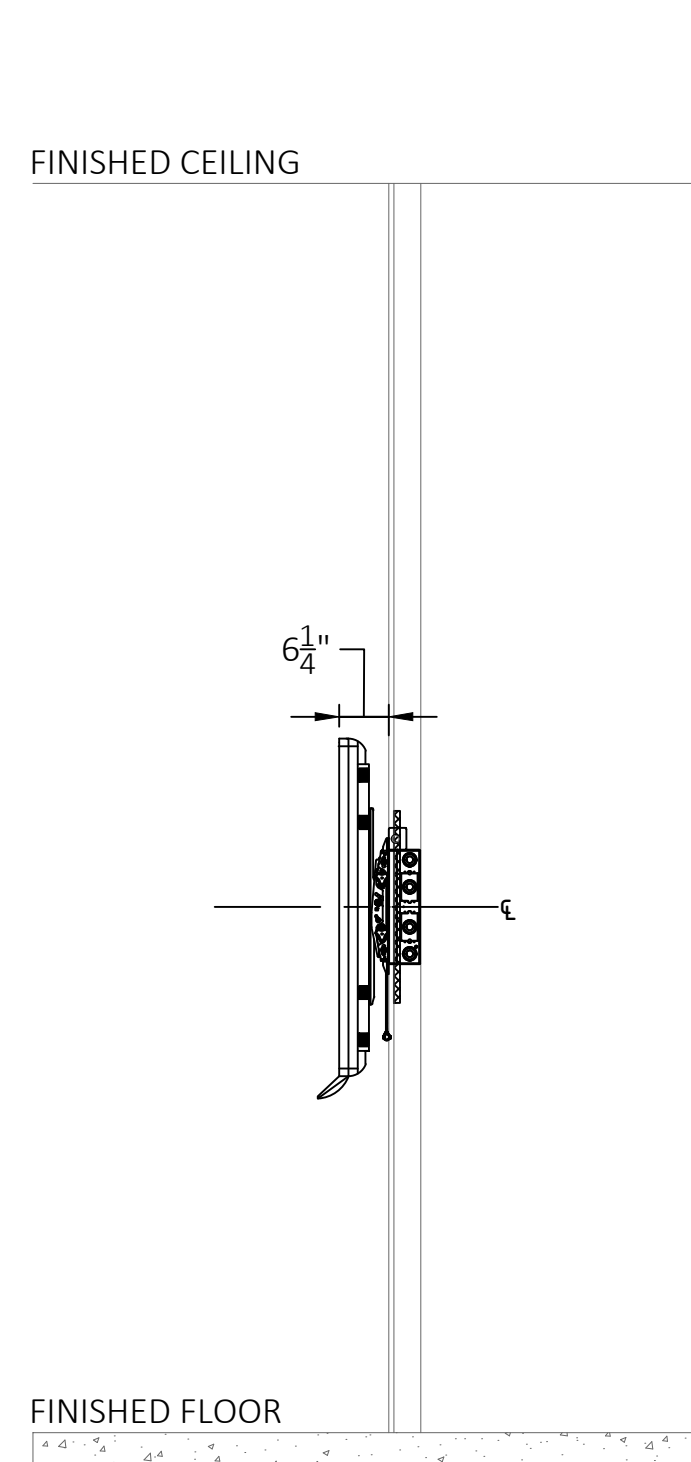
C AUDIOVISUAL DISPLAY SECTION
SCALE: 1/2"=1'-0" BOARDROOM



D AUDIOVISUAL DISPLAY EQUIPMENT ELEVATION
SCALE: 1/2"=1'-0" BOARDROOM



E AUDIOVISUAL DISPLAY ELECTRICAL AND MOUNTING ELEVATION
SCALE: 1/2"=1'-0" BOARDROOM



F AUDIOVISUAL DISPLAY SECTION
SCALE: 1/2"=1'-0" BOARDROOM

The client has reviewed this drawing and asks that the following actions be taken:
☐ Approved, No Exceptions Taken
☐ Make Corrections Noted.
☐ No Resubmission Required
☐ Rejected, Revise & Resubmit

Reviewed By: _____
Date: _____

1	01/08/2019	ISSUE FOR COORDINATION
0	10/25/2018	ISSUE FOR REVIEW
REV	DATE	DESCRIPTION

DATE: 10/25/2018
SCALE: 1/2" = 1'-0"
DRAWN: B.HOAGE
ENG BY: S.ODONNELL

SHEET SIZE ARCH D 36 X 24

**BOARDROOM
AUDIOVISUAL
ELEVATIONS**

DRAWING NO.
TA03-131
PROJECT NO.
L06877

The client has reviewed this drawing and asks that the following actions be taken:

☐ Approved, No Exceptions Taken

☐ Make Corrections Noted.

☐ No Resubmission Required

☐ Rejected, Revise & Resubmit

Reviewed By: _____
Date: _____

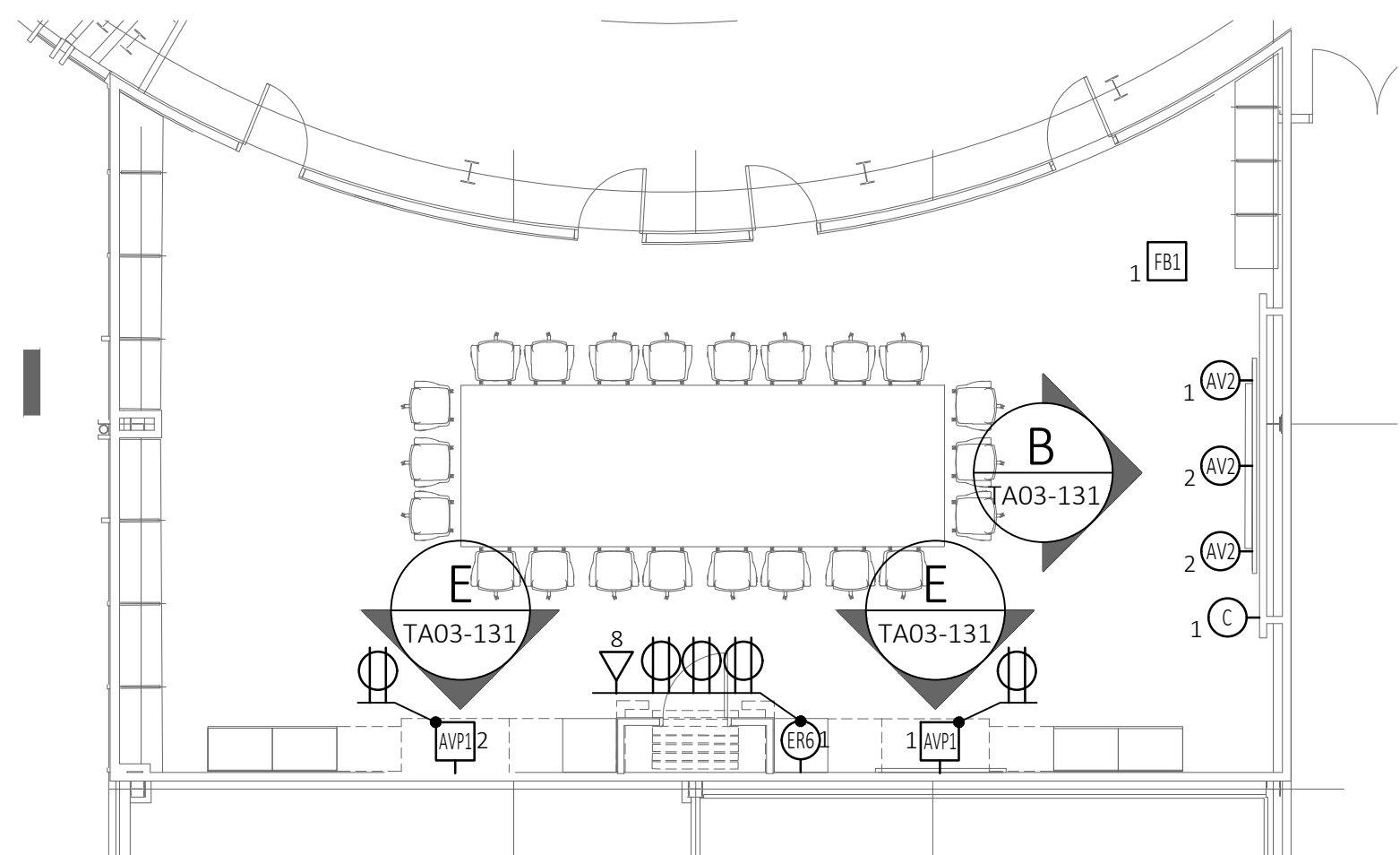
1	01/08/2019	ISSUE FOR COORDINATION
0	10/25/2018	ISSUE FOR REVIEW
REV	DATE	DESCRIPTION

DATE: 10/25/2018
SCALE: 1/8" = 1'-0"
DRAWN: B.HOAGE
ENG BY: S.ODONNELL

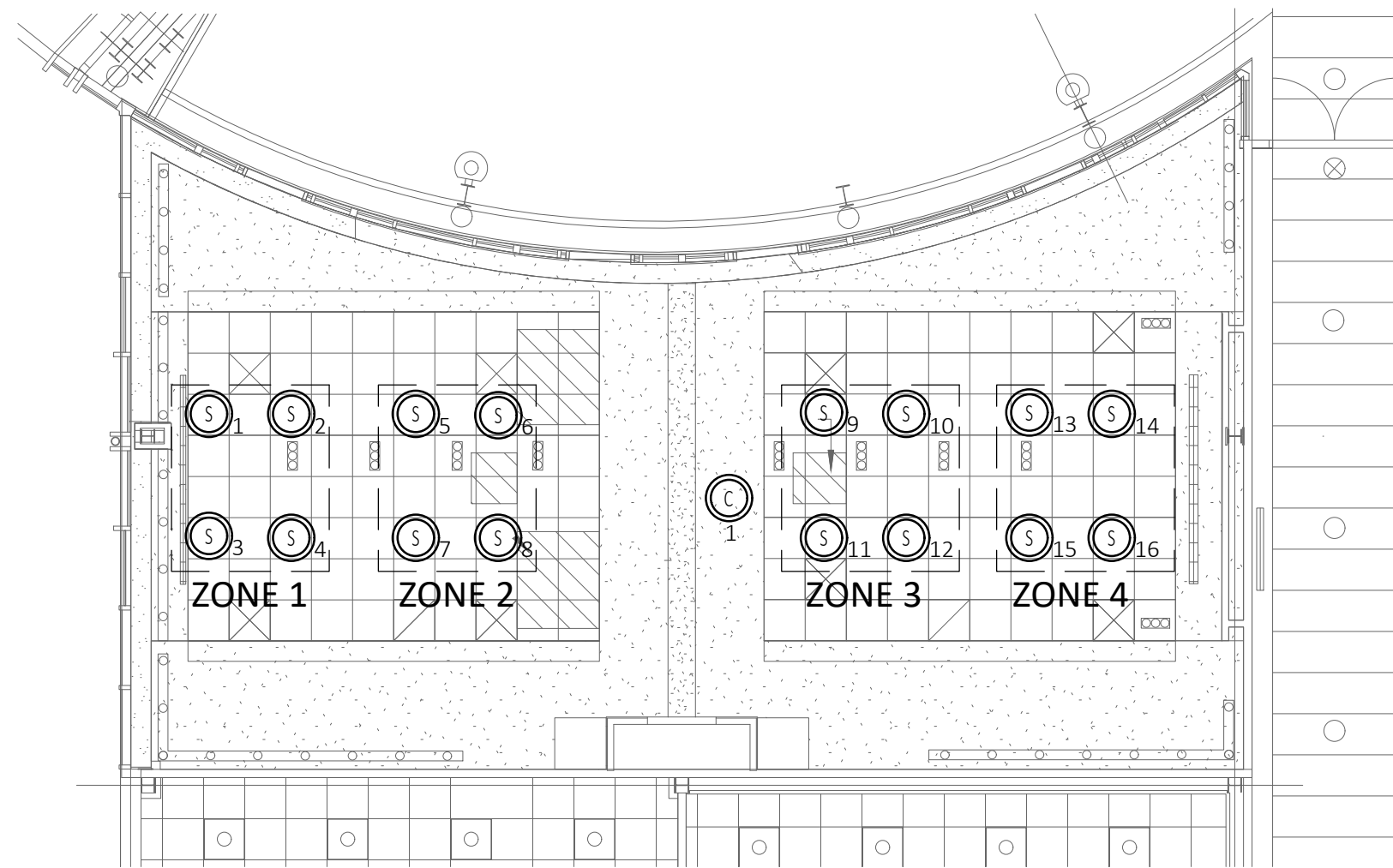
SHEET SIZE ARCH D 36 X 24

BOARDROOM
AUDIOVISUAL
ELECTRICAL
PLANS

DRAWING NO.
TA03-201
PROJECT NO. L06877



1 AUDIOVISUAL FLOOR ELECTRICAL PLAN
SCALE: 1/8"=1'-0" BOARDROOM



2 AUDIOVISUAL CIELING ELECTRICAL PLAN
SCALE: 1/8"=1'-0" BOARDROOM

AV JUNCTION BOX AND DEVICE SCHEDULE			
SYMBOL	FUNCTION	DESCRIPTION	SLACK
AVJ _x	AV WALL BOX, 'X' = BOX NUMBER	2 GANG RECESS MOUNTED BACK BOX	10'
AVW _x	AV WALL BOX, 'X' = BOX NUMBER	CHIEF PAC526 BACK BOX (PROVIDED BY AVC AND INSTALLED BY G.C.)	10'
AVCP _x	AV WALL CONNECTION PLATE, 'X' = PLATE NUMBER	2 GANG RECESS MOUNTED BACK BOX	10'
AVK _x	AV WALL CONNECTION PLATE, 'X' = PLATE NUMBER	4 GANG RECESS MOUNTED BACK BOX	10'
AVR _x	AV CONTROL KEYPAD, 'X' = BOX NUMBER	CRESTRON TST-902-DSW-BB BACK BOX	10'
FB _x	EQUIPMENT RACK, 'X' = BOX NUMBER	12 X 12 NEMA JUNCTION BOX	20'
FB _x	EXISTING FLOOR BOX	EXISTING FLOOR BOX	N/A
VTC _x	VTC CAMERA, 'X' = CAMERA NUMBER	WALL MOUNTED CAMERA, 2 GANG RECESS MOUNT BACK BOX	10'
VTC _x	CEILING VTC CAMERA, 'X' = CAMERA NUMBER	CEILING MOUNTED CAMERA	10'
WMS _x	WALL MOUNTED SPEAKER, 'X' = SPEAKER NUMBER	WALL MOUNTED SPEAKER, 2 GANG RECESS MOUNT BACK BOX	5'
CS _x	CEILING SPEAKER, 'X' = SPEAKER NUMBER	CEILING MOUNTED SPEAKER	10'
EAVP _x	EXISTING AV CEILING MOUNTED PROJECTOR	EXISTING CEILING MOUNTED PROJECTOR	10'
PSL _x	PROJECTION SCREEN INTEGRATED LVC, 'X' = SCREEN NUMBER	1 GANG JUNCTION BOX MOUNTED TO SIDE OF SCREEN HOUSING	5'

The client has reviewed this drawing and asks that the following actions be taken:

☐ Approved, No Exceptions Taken

☐ Make Corrections Noted.

☐ No Resubmission Required

☐ Rejected, Revise & Resubmit

Reviewed By: _____

Date: _____

1	01/08/2019	ISSUE FOR COORDINATION
0	10/25/2018	ISSUE FOR REVIEW
REV	DATE	DESCRIPTION

DATE: 10/25/2018

SCALE: NTS

DRAWN: B.HOAGE

ENG BY: S.ODONNELL

SHEET SIZE

ARCH D 36 X 24

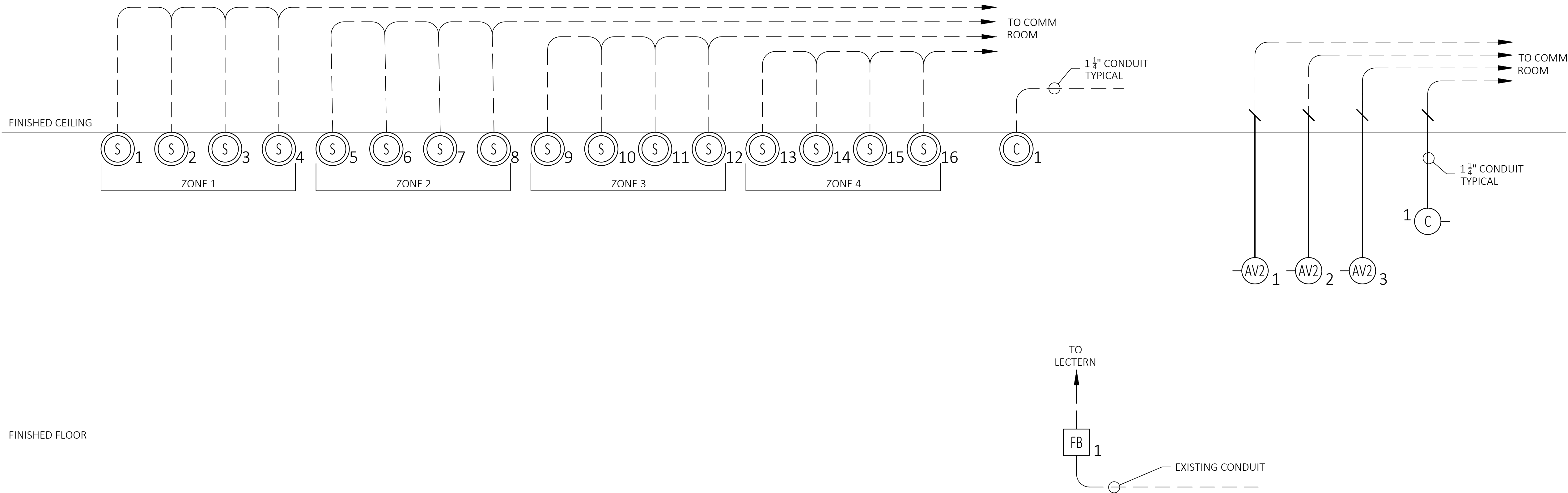
EXECUTIVE
BOARDROOM
AUDIOVISUAL
RISER DIAGRAM

DRAWING NO.

TA03-231

PROJECT NO.

L06877



A

AUDIOVISUAL RISER DIAGRAM

SCALE: NTS

EXECUTIVE BOARDROOM

AV JUNCTION BOX AND DEVICE SCHEDULE			
SYMBOL	FUNCTION	DESCRIPTION	SLACK
X	AV WALL BOX, 'X' = BOX NUMBER	2 GANG RECESS MOUNTED BACK BOX	10'
X	AV WALL BOX, 'X' = BOX NUMBER	CHIEF PAC526 BACK BOX (PROVIDED BY AVC AND INSTALLED BY G.C.)	10'
X	AV WALL CONNECTION PLATE, 'X' = PLATE NUMBER	2 GANG RECESS MOUNTED BACK BOX	10'
X	AV WALL CONNECTION PLATE, 'X' = PLATE NUMBER	4 GANG RECESS MOUNTED BACK BOX	10'
X	AV CONTROL KEYPAD, 'X' = BOX NUMBER	CRESTRON TST-902-DSW-BB BACK BOX	10'
X	EQUIPMENT RACK, 'X' = BOX NUMBER	12 X 12 NEMA JUNCTION BOX	20'
X	EXISTING FLOOR BOX	EXISTING FLOOR BOX	N/A
X	VTC CAMERA, 'X' = CAMERA NUMBER	WALL MOUNTED CAMERA, 2 GANG RECESS MOUNT BACK BOX	10'
X	CEILING VTC CAMERA, 'X' = CAMERA NUMBER	CEILING MOUNTED CAMERA	10'
X	WALL MOUNTED SPEAKER, 'X' = SPEAKER NUMBER	WALL MOUNTED SPEAKER, 2 GANG RECESS MOUNT BACK BOX	5'
X	CEILING SPEAKER, 'X' = SPEAKER NUMBER	CEILING MOUNTED SPEAKER	10'
X	EXISTING AV CEILING MOUNTED PROJECTOR	EXISTING CEILING MOUNTED PROJECTOR	10'
X	PROJECTION SCREEN INTEGRATED LVC, 'X' = SCREEN NUMBER	1 GANG JUNCTION BOX MOUNTED TO SIDE OF SCREEN HOUSING	5'
X	TABLE MOUNTED TOUCH PANEL, 'X' = TOUCH PANEL NUMBER	TABLETOP MOUNTED TOUCH PANEL	10'
2	2 PORT WALL MOUNTED DATA OUTLET	N/A	N/A
	120V, 20A, WALL MOUNTED DUPLEX POWER OUTLET	N/A	N/A
	120V, 20A, CEILING/CABLE TRAY MOUNTED DUPLEX POWER OUTLET	N/A	N/A