



Proposal



CLARK

RFP 25-RFP01060/CT

With 27+ years of satisfied clients, our audio, video & lighting systems have a lower total cost of ownership and proven results.

Prepared for:
FL 5th Circuit, Hernando County

Brooksville, FL

Prepared by:
Clark
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(770) 888-5088

Proposal Issued:

September 22, 2025
P-10382

Project Pricing Statement:
Clark is not responsible for changes due to raw material shortages, logistical delays, or vendor price increases. Pricing is subject to adjustment based on these factors. Additionally, any fluctuations in U.S. import tariffs will be added to the total cost and will be the customer's responsibility. The pricing in this proposal is guaranteed for 30 days from the date above, excluding any tariff-related adjustments.

Statement of Confidentiality
This proposal and supporting materials contain confidential and proprietary intellectual property of Clark.
It is not to be shared with other parties.

Table of Contents

Table of Contents

<i>TITLE PAGE.....</i>	<i>1</i>
<i>Table of Contents</i>	<i>2</i>
<i>Introduction.....</i>	<i>3</i>
<i>Section 1.0 – Ability, Capacity and Skill of Firm</i>	<i>4</i>
Local Labor and Materials Market.....	4
Key Team Personnel: Credentials and Qualifications	4
Planning and Resource Management	6
<i>Section 2.0 – Proposer’s Methodology, Technical Ability and Approach</i>	<i>7</i>
Approach and Value Engineering	7
Quality Control and Maintenance	7
Technical Approach and Methodology	8
Typical Schedule	9
Clark Typical Project Phases	10
Equipment List	18
<i>Section 3.0 – Relevant Experience.....</i>	<i>28</i>
Past Projects of Similar Scope and Complexity	28
References.....	30
Pictures of our Work	32

Introduction

Clark Productions, Inc. (Clark) has a deep understanding of the scope of this RFP and the resources required to design and implement what the RFP requires. Clark has worked with the 5th Judicial Circuit of Florida for over 5 years to successfully design and implement the requirements of this RFP in over 20 courtrooms. Most recently Clark designed (in collaboration with the 5th Judicial Circuit of Florida), installed, programmed, and commissioned the upgrade to the courtrooms recently renovated in the Hernando County Courthouse. Even though those four courtrooms were completed in the past year, Clark will still use our process of meeting with the County and the 5th Judicial Circuit of Florida to ensure the design meets the latest requirements of the RFP and the latest industry standard technology. Even though Clark is intimately familiar with the design, Clark will ensure that Hernando County gets the least expensive right solution that ensures quality over quantity.

Clark has a dedicated project manager that lives in Central Florida and installation crews that are local to Central Florida ensuring Clark can deliver a fair price for the project and continue to support the systems installed after the project is completed.

In sections 1 -3, Clark has provided additional details as requested by the RFP. Please reach out with any additional questions.

Representative and Negotiator for Clark Productions, Inc:

- (1) Brian Morrison
 - a. Business Development
 - b. 1095 Windward Ridge Parkway, Suite 200 Alpharetta, GA 30005
 - c. 334-414-4000
 - d. Brian.morrison@clark.is

Corporate Officers capable of binding Clark Productions, Inc. are specified in the Corporate Affidavit.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Morrison", with a long horizontal flourish extending to the right.

Section 1.0 – Ability, Capacity and Skill of Firm

Clark Productions, Inc. has the ability, capacity, and skill to fulfill the requirements of this RFP. Clark has a robust team of experienced and knowledgeable professionals for projects of this type. Clark's experience and qualification is very relevant for this specific project. The AV system that is being requested to be installed was designed by the Clark team in collaboration with the 5th Judicial Circuit. In addition, the Clark team recently installed this very system in the Hernando County Courthouse during the renovation project managed by the Manhattan Construction company. There was a total of four (4) courtrooms that received upgrades. The Clark team that design/installed/programmed/commissioned the four (4) courtrooms will be the same team doing future projects at Hernando County.

Local Labor and Materials Market

Over the past five (5) years, Clark has developed a local installation crew that meets the installation standards that Clark demands of its team. This team is based in Central Florida, which reduces travel costs. Clark has a full-time project manager based in Central Florida that leads and manages these projects.

Clark is a national company with large buying power. Clark's buying power provides our clients with an opportunity to make their budget go further. In addition, the relationship our team builds with our vendors helps to ensure our clients are taken care of when issues arise.

Key Team Personnel: Credentials and Qualifications

- (1) Project Principal – Brian Morrison, 5+ years of selling AV systems for the judicial market.
 - a. Role - Client Relations
- (2) Senior Project Manager – Brandon Byrd, 10+ years of managing AV projects including judicial projects.
 - a. Role – Project Integration with Company Objectives
 - b. PMP Certification
- (3) Junior Project Manager – Jeff Harrison, 30+ years of experience in the AV world. 10+ years in project management. (Local to Central Florida)
 - a. Role – Project Manager who is the one point of contact for the project
- (4) Senior Solutions Architect – Kyle Goyer, 20+ years of AV experience.

- a. ***Lead Designer who worked with the 5th Judicial Circuit 5 years ago to develop the scope of work presented in this RFP.*
- b. Role – Finalizes the onsite programming and workflow.
- c. Crestron Certified Master Programmer (MCP)
- d. Crestron Certified DM-NVX Engineer
- e. Crestron Digital Media Certified Engineer – 4K
- f. Crestron Master Technology Architect (MTA)
- g. Q-Sys Level 2
- h. Q-Sys Control 201
- i. Dante Master Technician

(5) Lead Programmer – Micah

- a. Role – Final development and documentation of programming before onsite deployment.
- b. Crestron Certified Master Programmer (MCP) - Gold
- c. Crestron Certified DM-NVX Engineer
- d. Crestron Digital Media Certified Engineer – 4K
- e. Crestron Master Technology Architect (MTA)
- f. Q-Sys Level 2
- g. Q-Sys Control 201
- h. Dante Master Technician

(6) Solutions Engineer – Kyle Rogers

- a. Role – Final Technical Details
- b. Develops the installation documents for each project.
- c. Coordinates the infrastructure requirements for the project.
- d. Delivers the as-builts and close-out documents for each project.
- e. Has worked on all of Clark’s judicial projects except for Marion County.

(7) Lead Commissioner – Christian Vang

- a. Role – Compliance of equipment to Networking Standards
- b. Certified Network Engineer
- c. Leads the team in bringing the network online according to the specifications of the county.

(8) Lead Installation Team – Andrew Ayers, Stage Culture, lead installer with 15+ years of AV experience. (Local to Central Florida)

- a. Role – Leads the Onsite Team and Ensures Client satisfaction during installation process.
- b. Has done several judicial projects with Clark.
- c. Andrew's team did the installation of the four (4) new court rooms at the Hernando County Courthouse.

Planning and Resource Management

Clark utilizes a sprint methodology to develop priorities and establish schedules. Clark is agile enough to move crews and resources around to meet demanding timelines. Clark's goal is to work with the county to develop a schedule that works with the judge's schedule while protecting the quality of the product to be delivered to the county. Clark understands that time is of the essence when courtrooms are down and always works towards minimizing interruptions.

Section 2.0 – Proposer’s Methodology, Technical Ability and Approach

Approach and Value Engineering

Clark’s approach to meet the County’s needs and objectives is to always start with a conversation about what is working and is not working with current systems to ensure the right features are carried forward in future projects. Even though Clark has been working with the 5th Judicial Circuit of Florida for the past five (5) years, Clark still sits down with the 5th Judicial team and reviews the scope and equipment list of each project before finalizing the design. This approach has helped control costs, improve workflows, ensure reliability, and help with the maintenance of the equipment.

For example, as manufacturers develop new technology, Clark has implemented new technical workflows that simplifies system designs and reduce project costs. Even being able to save \$5k-\$10k in improved design efficiencies translate to significant savings over 5 to 10 courtrooms. However, Clark does not sacrifice quality, reliability, and longevity to save costs. Most courtrooms are upgraded once every 10-15 years and these systems must support the courts well during this period.

Quality Control and Maintenance

Clark’s approach to quality control is to first start with a dependable design that has been well thought through and thoroughly discussed with the client. Next, is to specify quality products from manufacturers with a proven track record for reliability and support post installation. Third, Clark builds all AV systems off-site in our shop before being deployed onsite. In this environment, the team ensures that all equipment is racked properly, cabled properly, operates properly from the factory, and begins initial commissioning and programming. This step is crucial because it minimizes onsite time, streamlines final programming and helps narrow down issues that do pop-up. Clark has a dedicated shop manager that oversees the quality of the builds that happen in the shop. The final step in the quality control process is onsite verification. Our lead commissioner for the project will ensure that all field cables pass the appropriate tests, all equipment operates as specified in the design documents and will walk the project with the client to ensure all technical punch list items are resolved.

Clark’s methodology for a maintenance schedule is based on the expectations and support budgets of the client. Because our system designs are built using quality components the

maintenance requirements are reduced significantly. In general, it is a good practice to test most systems once a quarter, however, most of the equipment is designed to operate 24/7 and operates well without needing to be tested. To reduce downtime when issues do arise, our team recommends having a few spare essential components.

Clark does have support agreements available that can work with most client's budgets. However, even without a support agreement, the Clark team will always jump in and assist one of our clients when requested.

Technical Approach and Methodology

Clarks' design philosophy is to build dependable systems that elevate quality over quantity, which delivers the least expensive solution for your needs and objectives. Our team looks to specify products that are built well and where the manufacturer has a robust post installation support team to ensure the longevity of the investment.

The workflow decides the system design, which decides the manufacturer choices. Our team always starts with the end-user workflow and then builds simply and reliable systems to support that workflow. In addition to the system design, our team works hard to develop user interfaces (UI) on a touch panel that are simply to understand using language and symbols that make sense to the end-user not an engineer.

Specifically, the systems in this RFP are built around a workflow that puts the controls of the AV in the hands of the judge or the judge's clerk. The judge must have a user interface that is simple to initiate a video conference call, or call the jail for first appearances, or control the evidence presentation so as not to prejudice a jury or have a sidebar that protects the privacy of the conversation. In addition, the system design must support the integration of 4 PTZ cameras without showing the jury for video calls, support remote video interpretation for defendants, provide video and audio content to the ECR, and provide feeds to a media pedestal and these functionalities must be automated.

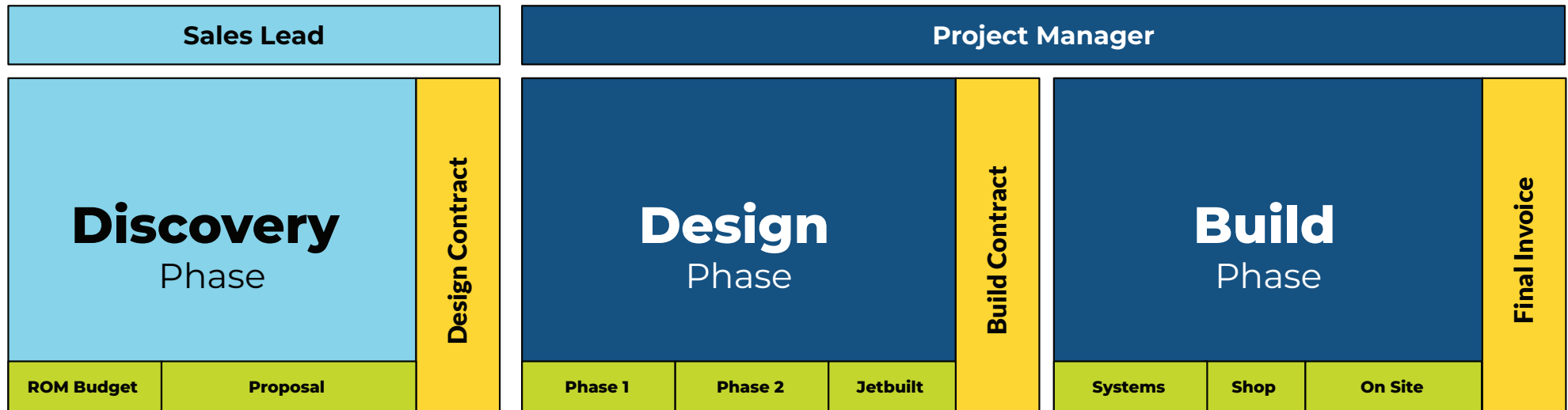
The other issue to consider in this project is downtime. Our team looks to schedule the onsite work several weeks in advance (typically 6-8) allowing for the court admin to plan resources in a timely manner or for our team to plan accordingly based on the judge's schedule.

Typical Schedule

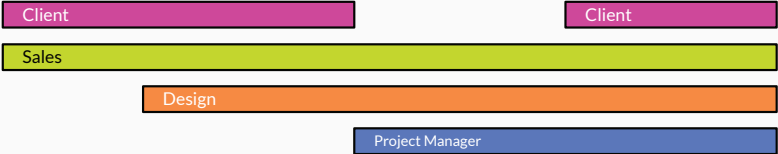
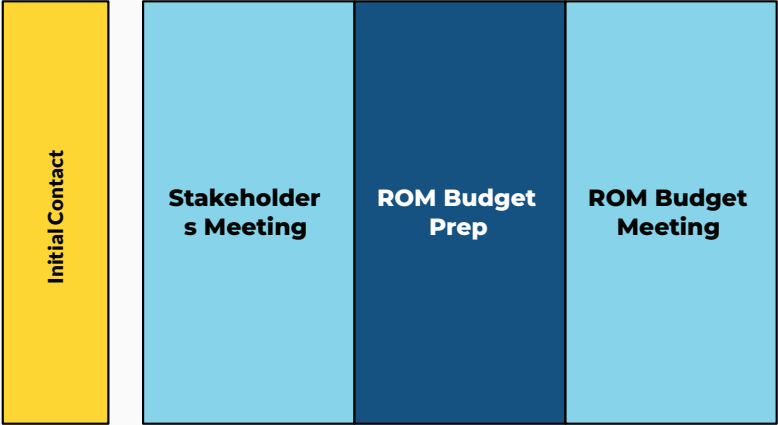
This is a typical schedule for a judicial project, which is subject to change based on the requirements of the project and equipment lead times.

- | | |
|---|-------------|
| (1) Finalization of Design and Scope – | 2 - 3 weeks |
| (2) Procurement of Equipment – | 6 – 8 weeks |
| (3) Shop Builds and Initial Commissioning | 3 – 5 weeks |
| (4) Onsite Installation – | 1 week |
| (5) Final Commissioning and Hand-off – | 1 week |

Project Phases



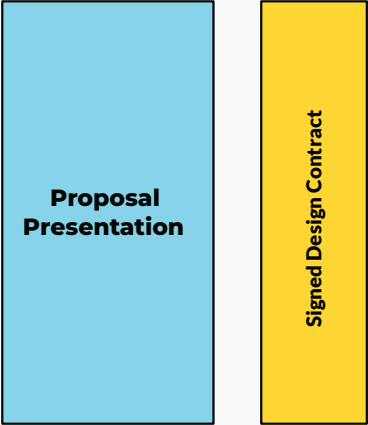
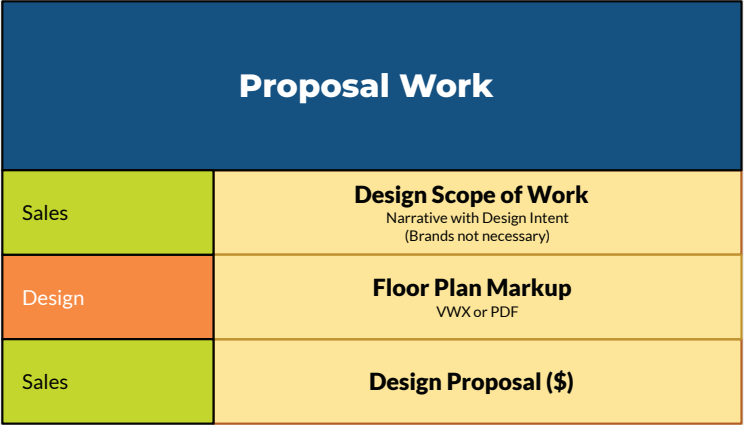
Discovery Phase



High Level Discussion

Goal is to fill out the ROM ahead of meeting with the client and review any drawings.

Ex. PA, Labor, Design Fee



Design Phase

Invoice
Deposit

Internal
Kickoff

Detailed
Programming
With Client

Client

PM

Client

Project Manager

Engineering

Design

Sales

Meeting Goals

Outline internal timelines and key deadlines

Review project scope and estimated budgets

Identify needed subject matter experts

Define clear communication channels

Confirm the team members for Detailed Programming meeting

Project Manager

Introduce project launch

Review billing, hours, and milestones

Confirm communication channels

Set schedule and timeline expectations

Define project scope in writing

Clarify Design Development (DD) phase

Designer

Gather design details for Technical SoW

Infrastructure
Design Work
Phase 1

Internal Review

Client Review

Invoice
Progress

Client

Project Manager

Engineering

Design

Sales

Develop Design to 50% Completion

Create a Technical SoW and Responsibility Matrix from the Sales SoW

Design 50% VWX Infrastructure:

- General Notes
- Generic Details: (Subs, Display Mounting, Rigging, Power IG)
- Floor Plan Equipment Layouts
- Ceiling Plan Equipment Layouts

Define division of duties

Develop design workbook

Create control workbook

Meeting Goals

Review and sign off on 50% infrastructure set

Project Manager

Email meeting notes to client

Infrastructure
Design Work
Phase 2

Invoice
Progress

Client

PM

Project Manager

Engineering

Design

Advance design to 90% completion

Finalize VWX equipment layout

Add general notes and specific details (Subs, Display Mounting, Rigging, Power)

Confirm final division of duties

Calculate weight and heat loads

Develop conduit and J-Box schedules

Detail power loads and panel schedules

Update floor plans and RCPs

BoM
Team Based

Internal Review

Client Review

Invoice
Final

Client

Project Manager

Engineering

Design

Sales

SalesOps

Sales Ops

Enter design into Jetbuilt for quoting

Request quotes from manufacturers

Register project with manufacturers when possible

Sales Team

Verify registration status

Confirm accuracy of BOM items in Jetbuilt

Review pricing and availability updates

Final Deliverables

Budget from Jetbuilt

Scope of Work

Permit Infrastructure

Meeting Goals

Confirm client approval of deliverables

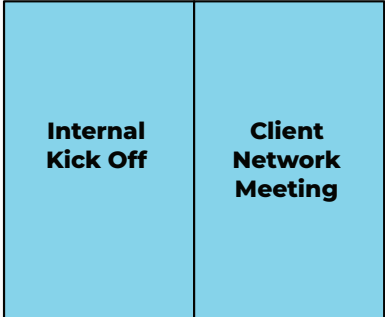
Email meeting notes and review summary to client

Obtain sign-off from all teams and client

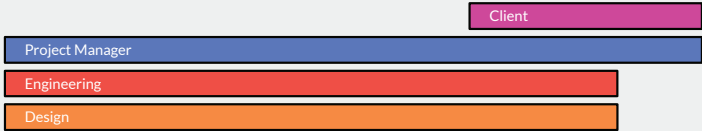
Build Phase

Invoice
Deposit

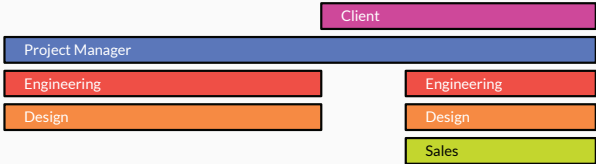
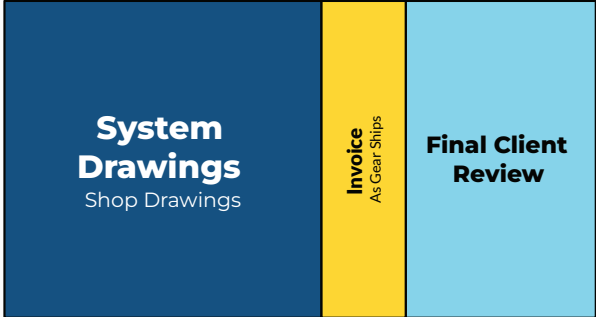
Client
PM



- Meeting Goals**
Assign team roles and responsibilities
Establish internal project schedules
 - Define engineering timeline
 - Set commissioning schedule
 - Plan manufacturer commissioning
 - Schedule training and handoffArrange client network meeting
Validate existing infrastructure drawings
Identify any necessary changes
- Meeting Goals**
Review IP/network coordination needs for deployment
Set expectations for commissioning and required information
Clarify communication structure for system drawings and updates
Define control system requirements and functionality
Review and Sign Off
Email meeting notes to client



- System Line Drawings**
 - Reference design workbook
 - Insert symbols
 - Connect equipment (excludes cable labels, patchbay labeling, pinouts, and schedules)**Rack Elevations**
Commissioning Paperwork
 - IP schedules
 - Audio input list
 - Multiview layout
 - Switcher layout
 - Intercom layout
- Review and Sign Off**
Email meeting notes to client



- Design Refinements**
 - Incorporate updates from review feedback
 - Finalize layout and configuration
 - Specify custom plates, looms, and fabrication requirements**Detailed Labeling and Documentation**
 - Cable labels
 - Patchbay labeling
 - Pinouts
 - Schedules**Materials and Parts (MWS)**
Patch Cables:
 - HDMI, Ethernet, Audio, PowerConnectors:
 - Video, AudioHardware:
 - Rack components
 - Blanks and accessories
- Review and Sign Off**
Email meeting notes to client

Build (Shop) Phase

Team Meeting

Internal Kick Off
with Kirk

Project Manager

Engineering

Design

Commissioners

Shop

Document and Plan Verification

Confirm all drawings, scope, and plans are up-to-date

Commissioning Preparation

Review and confirm initial steps for the commissioning plan

Build Phase Planning

Outline next steps and key milestones for the build phase

Team Alignment

Sync up with the fabrication team on build expectations

Technical Review

Review equipment rack assembly and wiring requirements

Rack Build

Shop Commissioning

Project Coordinator

Project Manager

Commissioners

Shop

Project Coordinator

Network Setup

- Set up network switches and configure IPs
- Install and test patch cables
- Confirm and verify all patch connections

Equipment and System Verification

- Verify equipment functionality and readiness
- Conduct initial system testing

Programming and Commissioning

- Complete preliminary programming tasks
- Coordinate any manufacturer commissioning needs

Preparation and Packing

- Palletize equipment for shipment and prepare job boxes

Inventory and Materials Management

- Review MWS; address backorders and availability

Field Support and Setup

- Set up project work app with field tasks
- Coordinate field support and additional needs

Administrative Tasks

- Manage permitting and miscellaneous tasks

Logistics and Closeout

- Oversee shipping, project return, and closeout

Invoice Mobilization

Client

PM

Build (Shop) Phase

Internal Review

Installers

Project Manager

Engineering

Design

Commissioners

Project Planning and Schedule

- Review schedule and prerequisites
- Discuss any potential delays
- Address change orders

Risk and Issue Management

- Review issue log
- Plan for risks and responses

Installation Coordination

- Plan installation approach as a team
- Confirm scope of work (SOVs)

Project Closeout

- Review closeout form and requirements

Assemble Install Documents

Project Manager

Wiring and Connections

- Cable pull plan
- Rack and field termination guides

Rigging and Mounting

- Rigging documentation
- PA installation details
- LED wall setup instructions
- Lighting hang plan

Commissioning and Handover

- Test and verification checklist
- Commissioning checklist
- Cutover procedure
- Training materials
- Internal punch list (with PM on-site leadership)

Create Install Milestones

Site Condition Walkthrough

Installers

Project Manager

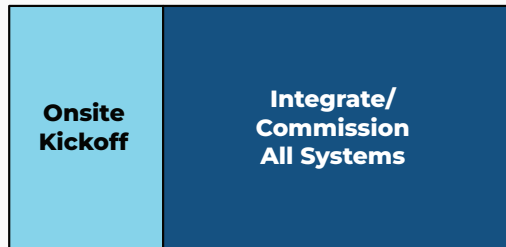
Commissioners

Pre-Mobilization PM Tasks: Installation Milestones

Communicate prerequisites to the General Contractor (GC) to ensure readiness for installation

Document and verify current site conditions

Build (On-Site) Phase



Introductions

- Introduce client and GC teams

Project Overview

- Review schedule and key milestones
- Communicate prerequisites to the GC for installation readiness
- Document current site conditions

Communication Plan

- Define communication flow between site lead and project manager

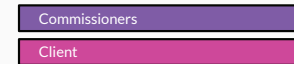
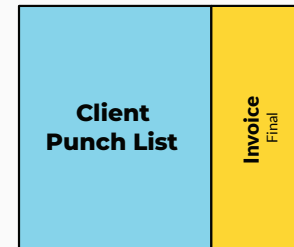


Project manager

- Assign a team members to create a list for audio, video, lighting, and control systems

On-site System Check

- Each department to perform a thorough system check and build punch lists



Formal Review and Documentation

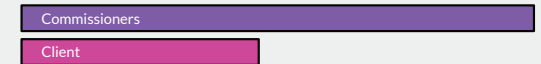
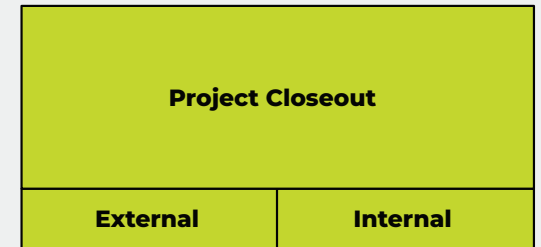
- Conduct a formal review of completed work with the client
- Identify and document any outstanding issues for the client-side punch list
- Ensure each department (audio, video, lighting, control) reviews their scope with the client

Quality and Functionality Verification

- Confirm functionality and quality meet client expectations
- Clarify next steps for addressing punch list items

Sign-Off Preparation

- Obtain client's preliminary approval towards substantial completion sign-off
- Outline final steps for achieving full project sign-off



Prepare and Deliver Final Documentation

- As-built drawings
- Design Workbook: IP schedules, usernames/passwords, DSP and backup files

Finalize Project Sign-Off

- Schedule final client meeting to review deliverables
- Obtain client's signature on completion form

Communicate Warranty and Support Information

- Provide warranty details, coverage, and duration
- Outline support resources and contact information

Conduct Lessons Learned Review

- Hold a team meeting to review project outcomes and challenges
- Document key lessons and improvements for future projects (format TBD)

Discuss RMA Process

- Identify any return material authorizations (RMAs) needed
- Discuss steps taken and areas for improvement in the RMA process

Archive Project Documentation

- Organize and archive all project files and communications (e.g., Basecamp, Fieldwire)

Project Phases

Sales Lead

DISCOVERY PHASE

ROM Budgeting

Proposal Creation

Design Contract

Project Manager

BUILD PHASE

Phase 1

Phase 2

Jetbuilt Budget

Build Contract

BUILD PHASE

Systems

Shop Prep

On Site Build

Final Invoice



Courtroom

Audio DSP

QTY	Description
1	Audio DSP - QSC Qsys Core 24f Qsys Core 24f DSP - includes UCI and Scripting Licenses
1	QSC CORE 24f Q-SYS Core Processor with 24 local audio I/O channels, 160x160 total network I/O channels with 8x8 Software-based Dante license included, USB AV bridging, dual Ethernet ports for network redundancy plus two auxiliary Ethernet ports, two RS232 ports, 8x8 GPIO, 24 next-generation AEC processors, 1RU. Includes Scripting/UCI functionality.
1	QSC SLDAN-32-P Q-SYS Software-based Dante 32x32 Channel License, Perpetual
1	Defendant Headset Output
1	RDL AV-NH1 Network to Stereo Headphone Amplifier - Dante
1	Court Report Headset Output
1	RDL AV-NH1 Network to Stereo Headphone Amplifier - Dante
1	Interpreter Interface
1	Focusrite RedNet X2P 2 Channel 24/96 Mic Pre, Headphone/Line Out Dante I/O Interface with PoE
1	Shure BRH440M Dual-Sided Broadcast Headset
1	Shure BCASCA-NXLR3QI Detachable cable with Neutrik 3 Pin XLR Male connector and 1/4" stereo plug
1	Pro Co Sound DURACAT-50NB45 Solid Core CAT6 UTP Cables

Microphones

QTY	Description
1	Paging System Microphone
1	Shure MX412D/C Cardioid-12" Desktop Gooseneck Condenser Microphone, Attached 10' XLR Cable, Logic Functions, Programmable Switch and LED Indicator, Attached Desktop Base
2	Attorney Table Mic Mute Buttons
1	Shure MXA-NMB NETWORK MUTE BUTTON
1	Ceiling Array Microphone



QTY	Description
1	Shure MXA920W-S Ceiling Array Microphone, Square, White, 24 inch
1	Shure A910-HCM MXA910 HARD CEILING MOUNT, WHITE
1	Shure A900-CM Ceiling Mount for MXA920
1	Judge Mic
1	Shure MX412D/C Cardioid-12" Desktop Gooseneck Condenser Microphone, Attached 10' XLR Cable, Logic Functions, Programmable Switch and LED Indicator, Attached Desktop Base
4	Attorney Mics
1	Shure MX412D/C Cardioid-12" Desktop Gooseneck Condenser Microphone, Attached 10' XLR Cable, Logic Functions, Programmable Switch and LED Indicator, Attached Desktop Base
1	Podium Mic
1	Shure MX412/C Cardioid-12" Gooseneck Condenser Microphone, Attached Preamp with XLR Shock Mount Flange, Mount Snap-Fit Foam Windscreen
1	Witness Mic
1	Shure MX412/C Cardioid-12" Gooseneck Condenser Microphone, Attached Preamp with XLR Shock Mount Flange, Mount Snap-Fit Foam Windscreen
2	Jury Mics
1	Audix M40W12 MIC, COND, CARD, CEILING, HANGING GNECK,
2	Gallery Mics
1	Audix M40W12 MIC, COND, CARD, CEILING, HANGING GNECK,
1	Clerk Mic
1	Shure MX412D/C Cardioid-12" Desktop Gooseneck Condenser Microphone, Attached 10' XLR Cable, Logic Functions, Programmable Switch and LED Indicator, Attached Desktop Base
1	Sidebar Mic
1	Shure MX395B/O Black Low Profile Boundary Mic, Omni, 3-pin XLR

Speakers / Amplifiers



QTY	Description
1	Paging Speakers for Lobby (207) Area
4	Crestron SAROS IC6T-W-T-EACH Saros 6.5" 2-Way In-Ceiling Speaker, White Textured, Single (must be ordered in multiples of 2)
1	Paging Speakers for Child Waiting (227) Area
1	Crestron SAROS IC6T-W-T-EACH Saros 6.5" 2-Way In-Ceiling Speaker, White Textured, Single (must be ordered in multiples of 2)
1	Paging Speakers for Family Waiting (226) Area
2	Crestron SAROS IC6T-W-T-EACH Saros 6.5" 2-Way In-Ceiling Speaker, White Textured, Single (must be ordered in multiples of 2)
3	Judge Zone Speakers
1	Crestron SAROS IC6T-W-T-EACH (Judge Zone) Saros 6.5" 2-Way In-Ceiling Speaker, White Textured, Single (must be ordered in multiples of 2)
2	Jury Zone Speakers
1	Crestron SAROS IC6T-W-T-EACH (Jury Zone) Saros 6.5" 2-Way In-Ceiling Speaker, White Textured, Single (must be ordered in multiples of 2)
2	Well Zone Speakers
1	Crestron SAROS IC6T-W-T-EACH (Well Zone) Saros 6.5" 2-Way In-Ceiling Speaker, White Textured, Single (must be ordered in multiples of 2)
3	Gallery Zone Speakers
1	Crestron SAROS IC6T-W-T-EACH (Gallery Zone) Saros 6.5" 2-Way In-Ceiling Speaker, White Textured, Single (must be ordered in multiples of 2)
1	Amplifier
1	QSC MP-A40V 800W FlexAmp technology Hi-Z / Lo-Z amplifier, 4 x 200W into 4Ω, 8Ω, 70V and 100V, Highpass filter per channel, GPIO for Remote Standby and Amp Status

Assisted Listening

QTY	Description
1	Assisted Listening System
1	Williams AV IR M1 D IR + Infrared Modulator / Wi-Fi Server with Dante input supporting 2 channels. Includes TFP 065 power supply and WLC 004 line cord.
1	Williams AV IR E4 IR + Infrared Emitter includes (1) BKT 024 omnidirectional wall/ceiling mount. Replaces WIR TX9 DC - NOT Compatible with existing MOD 232 or WIR TX9 DC systems



QTY	Description
5	Williams AV IR RX20 Stethoscope stereo 2.3 / stereo / 2.8 Infrared receiver. Includes 1 internal LiPo battery, optional 3.5mm jack included for headphone, earphone or neckloop. Use with CHG 520 charger.
5	Williams AV IR RX20 Stethoscope stereo 2.3 / stereo / 2.8 Infrared receiver. Includes 1 internal LiPo battery, optional 3.5mm jack included for headphone, earphone or neckloop. Use with CHG 520 charger.
1	Williams AV CHG 520 Five-bay, drop-in charger for IR RX20 infrared receivers. Universal Power Supply Included. Replaces CHG 518. Compatible with IR RX20 and not WIR RX18
1	Williams AV BKT 024 Omnidirectional wall/ceiling mount for use with IR E4 and WIR TX9 DC emitters, WIR TX90 DC and IR T2 transmitters.
1	Williams AV IDP 008 ADA wall plaque.

AV Sources

QTY	Description
2	Attorney Table Encoders
1	Crestron DM-NVX-363 DM NVX 4K60 4:4:4 HDR Network AV Encoder/Decoder with Downmixing and Dante Audio
1	Podium Encoder
1	Crestron DM-NVX-363 DM NVX 4K60 4:4:4 HDR Network AV Encoder/Decoder with Downmixing and Dante Audio
1	Crestron HD-MD4X1-4KZ-E 4x1 4K60 4:4:4 HDR AV Switcher
1	Cynap Core Pro
1	Custom Custom Item Cynap Core Pro
1	Custom Custom Item Cynap Core Rackshelf
1	Doc Cam
1	WolfVision 102026 Visualizer VZ-8.UHD - Version A (HDMI)
1	Bluray Player
1	Denon Professional DN-500BDMKII Blu-ray, DVD & CD/SD/USB Player

Video Conferencing



QTY	Description
1	New Poly G7500 w/ 1 Year Poly+ Support
1	Polycom 487P-85860-160 Partner Poly+, One Year, Poly G7500 4k Base Unit: G7500 UHD 4k video CODEC and Wireless Presentation System
1	Poly 7200-85860-001 G7500 UHD 4k video codec and Wireless Presentation System - 7200-85860-001
1	Crestron DM-NVX-363C DM NVX 4K60 4:4:4 HDR Network AV Encoder/Decoder Card with Downmixing and Dante Audio

Video Routing & Processing

QTY	Description
1	Cobalt Digital OGX-FR-CN-P Bundle
1	Cobalt Digital OGX-FR-CN-P openGear Frame w/ Networking
1	Cobalt Digital PS-OGX OGX Power Supply
1	VTC Multiview
4	Crestron DM-NVX-D30C DigitalMedia 4K60 4:4:4 HDR Network AV Decoder Card
1	Crestron DM-NVX-360C DM NVX 4K60 4:4:4 HDR Network AV Encoder/Decoder Card
1	Crestron HD-WP-4K-401-C 4K Multi-Window Video Processor with HDBaseT & HDMI Outputs
1	ECR Multiview
4	Crestron DM-NVX-D30C DigitalMedia 4K60 4:4:4 HDR Network AV Decoder Card
1	Crestron DM-NVX-360C DM NVX 4K60 4:4:4 HDR Network AV Encoder/Decoder Card
1	Crestron HD-WP-4K-401-C 4K Multi-Window Video Processor with HDBaseT & HDMI Outputs
2	NVX Card Frame
1	Crestron DMF-CI-8 DigitalMedia Card Chassis for DM-NVX-C & DMCF, 8 Slots

Video Displays

QTY	Description
3	Room Displays



QTY	Description
1	Sony FW75BZ30J 75-inch LED, 4K HDR, Professional Displa
1	Clark Allowance Display Mounting Hardware Allowance
1	Crestron DM-NVX-D30 DigitalMedia 4K60 4:4:4 HDR Network AV Decoder
1	Judge Conf Display
1	Planar Systems PXN2400 24in wide black FHD IPS LED LCD, narrow bezel, VGA, HDMI, DP, speakers
1	Ergotron 45-243-026 LX Wall Mount LCD Arm
1	Crestron DM-NVX-D30 DigitalMedia 4K60 4:4:4 HDR Network AV Decoder
1	Display Cart Decoder
1	Crestron DM-NVX-D30 DigitalMedia 4K60 4:4:4 HDR Network AV Decoder

Camera Systems

QTY	Description
4	Birddog PTZ Cameras
1	BirdDog BDP120W BirdDog P120. 1080P PTZ Camera with 20x Zoom, OLED screen, 360° Mohawk Tally, Video Scopes, Sony Exmor R sensor, NDI, SDI, HDMI, USB Webcam, PoE, SRT, NDI HX2, NDI HX3, H.264, FreeD, Full Colour Matrix, Kelvin Control, and exceptional lowlight performance. Add Auto-Tracking with free Cam Control software
1	Vaddio 535-2000-206 SUSPENDED CEILING PTZ CAMERA MOUNT
1	Crestron HD-TX-101-C-1G-E-W-T DM Lite - HDMI over CATx Transmitter, Wall Plate, White Textured
1	Crestron DM-NVX-E760C DM NVX 4K60 4:4:4 HDR Network AV Encoder Card with DM Input

Recording

QTY	Description
1	DVS License
1	Custom Custom Item Dante Virtual Soundcard License
1	ECR H.264 Encoder



QTY	Description
1	Crestron DM-TXRX-100-STR HD Streaming Transmitter/Receiver

Media Feed

QTY	Description
1	Analog Audio over Fiber Converters (Audio to Pedestal)
1	Sescom SES-X-FA4LXT01 Sescom SES-X-FA4LXT01 Audio over Fiber EXTENDER: 4 CH Balanced XLR Line Level Audio and ST Fiber Connection
1	Media Feed Output
1	Crestron DM-NVX-363C DM NVX 4K60 4:4:4 HDR Network AV Encoder/Decoder Card with Downmixing and Dante Audio
1	AJA Video Systems OG-HA5-4K 4K HDMI to 4K 4x 3G-SDI, also supports HD-HDMI to HD SDI, DashBoard Support
1	Media Feed Converters
2	AJA Video Systems OG-FIDO-2T 2-Channel 3G-SDI to Single Mode LC Fiber Transmitter, DashBoard Support
2	AJA Video Systems OG-FIDO-2R 2-Channel Single Mode LC Fiber to 3G-SDI Receiver, DashBoard Support
1	AJA Video Systems OG-FIDO-2R 2-Channel Single Mode LC Fiber to 3G-SDI Receiver, DashBoard Support
1	AJA Video Systems OG-3G-AMA 3G-SDI 4-Ch Analog Audio Embedder/Disembedder, balance XLR, DashBoard Support
1	Fiber Patch Panels and Cable
1	Corning CCH-02U 2RU Closet Connector Housing
4	Corning CCH-CP12-A9 Corning CCH Plate
1	Termination Allowance for Terminations Allowance for Fiber Optic Terminations
4	Clark Allowance Plenum Fiber, Connectors, and Termination

Control Processing

QTY	Description
1	Control Processor
1	Crestron CP4N 4-Series Control System



QTY	Description
1	3 Year XIO Cloud Subscription
36	Crestron SW-XIOC-EM XiO Cloud® Provisioning and Management Service, Endpoint Management License for one room
36	Crestron SW-XIOC-S XiO Cloud Provisioning and Management Service, Support License for one room

Control Interfaces

QTY	Description
1	Podium Touchpanel
1	Crestron TSW-1070-B-S 10.1 in. Wall Mount Touch Screen, Black Smooth
1	Judge Touchpanel
1	Crestron TS-1070-B-S 10.1 in. Tabletop Touch Screen, Black Smooth

Hardware

QTY	Description
1	Podium Bundle
1	Middle Atlantic UPS-1000R-8IP 1000VA UPS,IND.OUT W/NIC
1	Manufacturer Quote Custom Design: Millers Radius Series Lectern
1	Crestron TT-100-B-T Crestron Connect It Cable Caddy w/120V Outlet, No Cables, Black Textured
3	RDL D-XLR2F Dual XLR 3-pin Female Jacks on D Plate - Terminal block connections
3	Middle Atlantic BR1 1SP PANEL W/BRUSH GROMMET
1	Neutrik NF2C-B/2 Neutrik PROFI RCA Cable Mount (m)
4	Custom Custom Item Leviton 41642-W 2 Port Decora Insert White
1	Clark Allowance Allowance for HDMI, Cat6 Patch, Fiber, USBC Cables and Keystone Connectors
1	Attorney Table Flip Top Boxes
2	Crestron FT2-500-ELEC-PTL-B FlipTop™ FT2 Series Cable Management System, 500 Size, Mechanical, Pass-Through Lid, Black



QTY	Description
2	Crestron FT2A-CBLR-1T-HD One-Touch Cable Retractor for FT2 ELEC Series, HDMI® to HDMI, 10.2 Gbps
2	Crestron FT2A-CBLR-1T-4K-USBC-HD One-Touch Cable Retractor for FT2 ELEC Series, USB-C™ to HDMI®, 18 Gbps
2	Crestron FT2A-PWR-US-2 AC Power Outlet Module for FT2 Series, Dual, US NEMA 5, Type B, w/2 Under-Table Outlets & Cord
2	Crestron FT2A-CHGR-USBA/C USB Rapid Charging Module for FT2 ELEC Series, USB Type-C & Type-A High Power Charging Ports, Bus Powered
3	AVP Network Patch bay Bundle
1	AVP Broadcast WK-YL124E1-Z-B41 1 RU, 1x24
1	Leviton 61110-BE6 Cat6 Connector Quickpack 25pk Black
25	Monoprice 13508-Slimrun Black .5' Slimrun Network Patch Cable - black - .5ft
1	Clark Custom Metalwork & Interconnect Systems Metalwork for Media Plates and Podium and Podium Snake
1	Clark Allowance Allowance for Rack Equipment Management
1	Clark Allowance Bulk Cabling / Connectors / Installation Supplies
1	Rackshelves
2	Middle Atlantic VSA-1626 16"-26"D TELES.SHLF,1.5H
1	Equipment Rack
1	Middle Atlantic MRK-4436 44SP/36D MULTIBAY MRK
1	Middle Atlantic MV-RR44 44SP,PR,MRK/VRK ADDL.RAIL
1	Middle Atlantic CBS-MRK-36 CASTER BASE FOR MRK 36DP
1	Middle Atlantic LACE-44-OWP 77"H,4-3/4"W SLOT LACER
2	Middle Atlantic PDT-2015C-M-NS 20 OUT,15A,METER,CORDED
1	Middle Atlantic UPS-2200R-8IP 2200VA UPS,IND.OUT W/NIC
1	Middle Atlantic SPN-44-36 PR BLK 44SP, 36DP SIDE PANELS



QTY	Description
1	Middle Atlantic CC-44-36 CABLE CHASE FOR 44SP, 36DP
1	Middle Atlantic LF-HD HEAVY DUTY LEVELING FEET
1	Keystones / Plates
1	Custom Custom Item Leviton 41296-MMW Fiber Surface Mount Box
1	Custom Custom Item Leviton 41086-MLW Quickport LC Duplex Keystone Jack
3	Leviton 41291-2QW ADAPTOR INSERT
2	Custom Custom Item Leviton 41291-1BW Blank MOS Module White

Network

QTY	Description
1	Network Switches Courtroom 3A
1	Netgear GSM4212PX-100NAS M4250-10G2XF-POE+8X1G POE
2	Netgear GSM4352-100NES 52PT M4350-48G4XF MANAGED SWITCH
2	Netgear APS920W-100NES 920W 100-240VAC MODULAR PSU

Section 3.0 – Relevant Experience

Over the past five (5) years Clark has completed numerous courtrooms projects in the State of Florida and specifically with the 5th and 7th Judicial Circuits. Clark has completed approximately 36 full courtroom upgrades that are either the exact same scope as this RFP or very similar. Clark has in progress an additional six (6) courtrooms of similar scope with Lake County (Contract with GSB Construction) and two (2) courtrooms with Marion County (Contract with Dinkins Construction).



In August of 2020 Clark won the bid for the Marion County Courthouse upgrades. Clark collaborated with the 5th Judicial Circuit team to design the AV system for those courtrooms. The design and scope for the 2020 Marion County project is the basis for the design and scope of this RFP and the four (4) courtrooms that were completed in Hernando County in the Spring/Summer of 2024.

Clark has the same team that designed and implemented the Hernando County upgrades available to do the upgrades related to this RFP.

Since the 2020 Marion County Project, Clark has added additional key team members who strategically work on judicial projects. The same judicial account manager, lead designer, lead programmer, and lead project manager have been involved with every courtroom project for the past 5 years.

Past Projects of Similar Scope and Complexity

(1) Hernando County Courthouse – AV Courtroom Upgrades

- a. Completed Spring/Summer of 2024
- b. Contract with Manhattan Construction
 - i. ~\$1M
- c. Upgrade of 4 Courtrooms, 1H, 2I, 2J, 2K
- d. Scope is the same as the scope of this RFP.
- e. Contact – John Kidd – 5th Judicial Circuit of Florida
 - i. jkidd@circuit5.org

(2) Marion County Courthouse – AV Courtroom Upgrades

- a. Completed December of 2020
- b. Contract with Dinkins Construction
 - i. ~\$3M
- c. Upgrade of 18 Courtrooms and 6 Hearing Rooms
- d. Scope is the same as the scope of this RFP.
- e. Contact – Andy Nelson – 5th Judicial Circuit of Florida
 - i. anelson@circuit5.org

(3) Volusia County Courthouse, Daytona – AV Courtroom Upgrades

- a. Completed Fall of 2024
- b. Contract Direct with County
 - i. ~\$670k
- c. Upgrade of 6 Courtrooms, 1,2,3,4,5,6
- d. Scope is the same as the scope of this RFP.
- e. Contact – Sarwar Siddiqui – 7th Judicial Circuit of Florida
 - i. ssiddiqui@circuit7.org

(4) Volusia County Courthouse, Deland – AV Courtroom Upgrades

- a. Completed Fall of 2023
- b. Contract Direct with the County
 - i. ~\$440k
- c. Upgrade of 4 Courtrooms, 2A, 2B, 3A, 3B
- d. Scope is the same as the scope of this RFP.
- e. Contact – Sarwar Siddiqui – 7th Judicial Circuit of Florida
 - i. ssiddiqui@circuit7.org

(5) Volusia County Courthouse, Deland – AV Courtroom Upgrades

- a. Completed Fall of 2022
- b. Contract Direct with the County
 - i. ~\$410k
- c. Upgrade of 4 Courtrooms, 1, 4A, 4B, 4C
- d. Scope is the same as the scope of this RFP.
- e. Contact – Sarwar Siddiqui – 7th Judicial Circuit of Florida
 - i. ssiddiqui@circuit7.org

(6) Volusia County Courthouse, Deland – AV Courtroom Upgrades

- a. Completed in 2023
- b. Contract with Giles Electric

- i. ~\$250k
- c. Upgrade of 1 Courtroom and a Conference Room
- d. Scope is the same as the scope of this RFP.
- e. Contact – Sarwar Siddiqui – 7th Judicial Circuit of Florida
 - i. ssiddiqui@circuit7.org

References

(1) John Kidd

- a. User Support Analyst
- b. 5th Judicial Circuit of Florida
- c. 352-754-4748
- d. jkidd@circuit5.org

(2) Andy Nelson

- a. Court Technology
- b. 5th Judicial Circuit of Florida
- c. 352-789-4575
- d. anelson@circuit5.org

(3) Sarwar Siddiqui

- a. Court Technology Officer
- b. 7th Judicial Court of Florida
- c. 386-943-7057
- d. ssiddiqui@circuit7.org

(4) Chap Dinkins

- a. Owner
- b. Dinkins Construction
- c. 352-368-2299
- d. Chap@dinkinsconstruction.com
- e. See Reference Letter Below



August 30, 2021

Clark Productions, Inc.
1095 Windward Ridge Pkwy, STE 200
Alpharetta, GA 30005

Clark Productions, Inc. is one of the very best AV contractors I have ever worked with. They recently completed ON TIME an installation of video conferencing equipment in the Marion County Courthouse. They were awarded the project not based upon price but based upon their unique solution and design advice. They installed over 68 miles of cable, over 200 microphones, 84 cameras, and 62 tv's in a fully functioning courthouse working around difficult schedules and constraints. They delivered it flawlessly within 90 days which was ahead of schedule.

I highly recommend them. They have earned my trust and confidence and they will work for me again.

May God Bless,

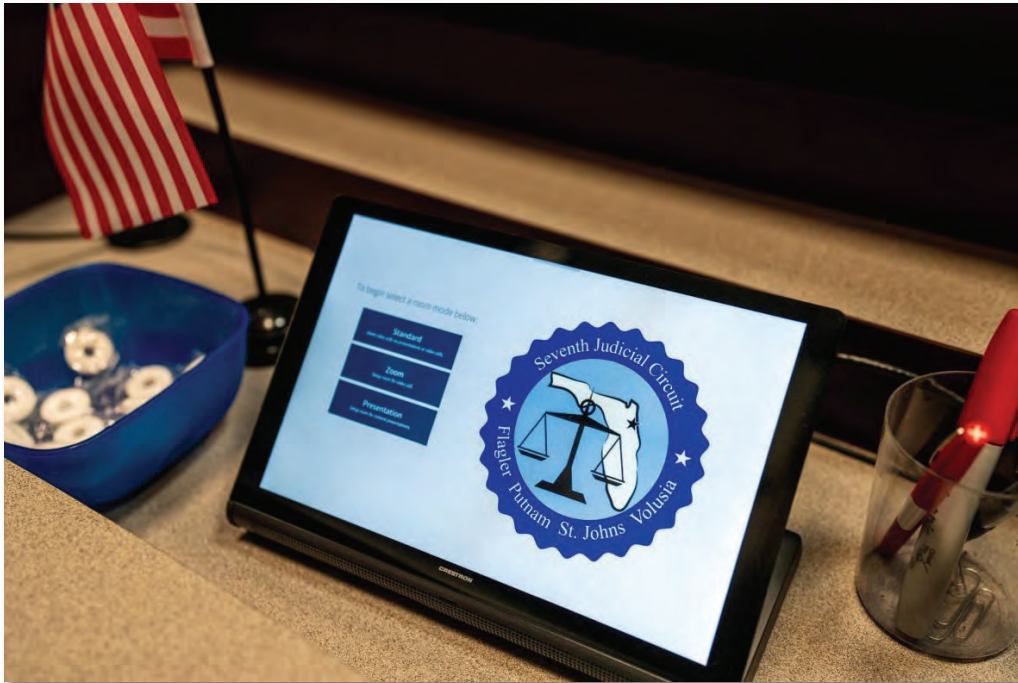
A handwritten signature in blue ink that reads "John Dinkins".

John Dinkins
CGC-1519358

DINKINSCONSTRUCTION.com

Dinkins Construction, LLC • CGC 151-9358 • 2831 SE 17th Street, Ocala, FL 34471 • 352-368-2299 • 352-368-2294 Fax

Pictures of our Work











22-0484 - VICTORY CHURCH -MAIN AUDITORIUM UPGRADE-

AVL SYSTEMS PACKAGE -AS BUILT-

AVL DEVICE ABBREVIATION KEY

ADA	- AUDIO DISTRIBUTION AMPLIFIER	MLE	- MISCELLANEOUS LOOSE EQUIPMENT
ALS	- ASSISTED LISTENING SYSTEM	MSE	- STAND-ALONE MOUSE
AMP	- AUDIO AMPLIFIER	NET	- NETWORK SWITCH
ANT	- ANTENNA	NPB	- NETWORK PATCHBAY
APB	- AUDIO PATCH BAY	OGF	- OPEN GEAR FRAME
		OPM	- OUTPUT MODULE
ART	- ARTNET	PRJ	- VIDEO PROJECTOR
ASP	- AUDIO SIGNAL PROCESSOR	PTZ	- PAN / TILT / ZOOM CONTROLLER
ASW	- AUDIO SWITCH	PWR	- POWER RELATED COMPONENTS
AVR	- AUDIO/VIDEO RACK	RCV	- IR / RF RECEIVER
BLN	- AUDIO OR VIDEO BALUN	REM	- REMOTE CONTROL
CAM	- VIDEO CAMERA	RLY	- RELAY
CDP	- CD PLAYER	SCR	- PROJECTION SCREEN
CNV	- MEDIA SIGNAL CONVERTER	SPK	- SPEAKER
COM	- INTERCOM SYSTEM COMPONENT		
CON	- AUDIO / VIDEO / CONTROL CONSOLE	SRK	- STAGE RACK
CPU	- GENERAL PURPOSE OR ADMINISTRATIVE PC	TBL	- TERMINAL BLOCK ASSEMBLY
CTL	- CONTROL SYSTEM DEVICE / COMPONENT	TJB	- TERMINAL JUNCTION BOX
CTP	- CONTROL PANEL	TSC	- INTERACTIVE KIOSK TOUCHSCREEN
DAP	- DIGITAL AUDIO PLAYER		
DMX	- DMX512 INTERFACE EQUIPMENT	UHF	- WIRELESS AUDIO RECEIVER
DSP	- DIGITAL SIGNAL PROCESSOR	UPS	- UNINTERRUPTIBLE POWER SUPPLY
DVD	- DVD PLAYER	VDA	- VIDEO DISTRIBUTION AMPLIFIER
EXR	- AUDIO / VIDEO / CONTROL EXTENDER - RX		
EXT	- AUDIO / VIDEO / CONTROL EXTENDER - TX	VPB	- VIDEO PATCH BAY
FAN	- EQUIPMENT COOLING FAN	VRC	- VIDEO RECORDER
FPB	- FIBER OPTIC PATCH BAY		
GEN	- SYNC GENERATOR	VRT	- VIDEO ROUTER
ICP	- INTERCONNECT PANEL	VSP	- VIDEO SOURCE PLAYER
IM	- IN-EAR MONITOR	VSU	- VIDEO SWITCH
IPM	- INPUT MODULE		
JBX	- JUNCTION BOX		
		UTC	- VIDEO CONFERENCE CODEC
LCD	- LCD FLAT-PANEL DISPLAY	XTR	- IR / RF TRANSMITTER
LED	- LED COMPONENT		
MIC	- MICROPHONE		
MD	- MIDI INTERFACE		
MIX	- AUDIO / VIDEO MIXER		

AVL CONNECTOR ABBREVIATION KEY

BNC	50 OHM FOR ANTENNA, 75 OHM FOR VIDEO
DB12M	DB CONNECTOR - # OF PINS - SEX
DB9F	DB CONNECTOR - # OF PINS - SEX
DN	MINI DIN 1.023 CONNECTOR
ED90F	EDAC - # OF PINS - SEX
FUW	LEMO - CABLE MOUNT PLUG CONNECTOR (SOURCE/CAMERA END)
PJW	LEMO - CABLE MOUNT SOCKET CONNECTOR (DESTINATION/CCU END)
FWH	LEMO - CHASSIS PLUG CONNECTOR - NO STRAIN RELIEF (SOURCE/PANEL END)
EDW	LEMO - CHASSIS SOCKET CONNECTOR - NO STRAIN RELIEF (DESTINATION/PATCHBAY END)
HD8NC	MINI BNC - TRY NOT TO USE
HDMI	CONNECTOR OR JACK
HDMI	MICRO HDMI
HDMI	MINI HDMI
LC	FIBER - SIMPLEX
LC2	FIBER - DUPLEX
NL4F	SPEAKER - CABLE CONNECTOR
NL4M	SPEAKER - PANEL MOUNT OR ON DEVICE
NL8F	SPEAKER
NL8M	SPEAKER
OPTC	OPTICAL CON DUO CABLE
OPTP	OPTICAL CON DUO PANEL
PH02F	PHONE - # OF POLES - SEX - 1/4" UNBALANCED JACK OR CONNECTOR
PH03M	PHONE - # OF POLES - SEX - 1/4" BALANCED JACK OR CONNECTOR
PH03	PHOENIX CONNECTOR OR JACK - NUMBER OF CONDUCTORS
RC4F	JACK OR CONNECTOR
RC4M	JACK OR CONNECTOR
RJ45	CAT4, CONNECTOR OR CABLE
RJ45S	CAT4, SHIELDED CONNECTOR OR CABLE
RJ45SG	CAT4, SHIELDED - G-GRAY IN PATCHBAYS (POSSIBLE W-WHITE OR B-BLACK IN THE FIELD)
RJ45H	CAT4, (W-WHITE, B-BLACK) PUNCH DOWN JACK ON A PANEL
SC	FIBER
TB2	THUNDERBOLT - # FOR TB2 OR TB3
USB-A	RECTANGLE
USB-B	SQUARE-ISH
USB3A	RECTANGLE
USB3B	SQUARE-ISH
USBC	CONNECTOR OR JACK
USBM	USB MICRO
USBMN	USB MINI
XR1P	XLR - # OF PINS - SEX
XR3M	XLR - # OF PINS - SEX

Sheet List Table	
Sheet Number	Sheet Title
AVL500	TITLE SHEET
AVL501	AUDIO RACK ROOM - AVR02-01 (1 of 1)
AVL504	AUDIO RACK ROOM - AVR02-02 (1 of 2)
AVL506	AUDIO RACK ROOM - AVR02-02 (2 of 2)
AVL507	AUDIO RACK ROOM - AVR02-03 (1 of 1)
AVL510	AUDIO RACK ROOM - AVR02-04 (1 of 1)
AVL512	ROOM 302 & ROOM 303A DEVICES
AVL513	PLATFORM WIRELESS RACK - AVR03-01
AVL515	VIDEO RACK ROOM - AVR01-11 (1 of 1)
AVL518	VIDEO RACK ROOM - AVR01-12 (1 of 1)
AVL521	VIDEO RACK ROOM - AVR01-13 (1 of 1)
AVL524	VIDEO RACK ROOM - AVR01-14 (1 of 2)
AVL526	VIDEO RACK ROOM - AVR01-14 (2 of 2)
AVL527	VIDEO RACK ROOM - AVR01-15 (1 of 2)
AVL528	VIDEO RACK ROOM - AVR01-15 (2 of 2)
AVL530	VIDEO RACK ROOM - AVR01-16 (1 of 2)
AVL531	VIDEO RACK ROOM - AVR01-16 (2 of 2)
AVL541	VIDEO CONTROL - FRONT ROW DESK
AVL542	VIDEO CONTROL - REAR ROW DESK
AVL543	VIDEO CONTROL & DISTRIBUTED DISPLAYS

AVL564	FIELD - GATWALK PANELS & LED WALLS
AVL571	FIELD - GELING - SPEAKERS
AVL572	FIELD - LOBBY & CLASSROOMS
AVL573	LOOSE GEAR
AVL601	RACK ELEVATION - AVR02-01 DETAIL
AVL602	RACK ELEVATION - AVR02-02 DETAIL
AVL603	RACK ELEVATION - AVR02-03 DETAIL
AVL604	RACK ELEVATION - AVR02-04 DETAIL
AVL606	RACK ELEVATION - AVR03-01 DETAIL
AVL608	RACK ELEVATION - AVR11-01 TO 04 DETAIL
AVL607	RACK ELEVATION - AVR11-01 & 32
AVL609	RACK ELEVATION - AVR11-41
AVL611	RACK ELEVATION - AVR01-11 DETAIL
AVL612	RACK ELEVATION - AVR01-12 DETAIL
AVL613	RACK ELEVATION - AVR01-13 DETAIL
AVL614	RACK ELEVATION - AVR01-14 DETAIL
AVL615	RACK ELEVATION - AVR01-15 DETAIL
AVL616	RACK ELEVATION - AVR01-16 DETAIL
AVL617	VIDEO CONTROL ROOM - DISPLAY WALL DETAIL
AVL618	VIDEO CONTROL ROOM - FRONT ROW DETAIL
AVL619	VIDEO CONTROL ROOM - REAR ROW DETAIL
AVL620	FOH BOOTH OVERVIEW
AVL621	RACK ELEVATION - AUDIO & LIGHTING OVERVIEW
AVL622	RACK ELEVATION - VIDEO RACKS OVERVIEW
AVL701	WP01 - UPSTAGE RIGHT PANEL
AVL702	WP02 - UPSTAGE LEFT PANEL
AVL703	WP03 - WP04 - MIDSTAGE RIGHT AND LEFT
AVL704	FP01 - FP02 - DOWNSTAGE PANELS
AVL706	FP03 - FP04 - FP05 - FRONT ROW - GUEST MIX
AVL706	CP001 to CP011 - CAMERA FLOOR POCKETS
AVL707	FOH01 - FOH02 - FOH PANELS
AVL708	CP01 to CP08 - CATWALK PANELS
AVL709	WP11 - WP12 - WP15 - BAPTISTERY, VIDEO RACK, AUDIO MIX
AVL710	WP13 - WP14 - AUDIO STUDIO
AVL712	TLP01 - SPK01 - SPK02 - RACK PANELS
AVL713	8x SNAKE BOXES for WP1 & WP2
AVL714	LWP01 - LOBBY WELCOME CENTER
AVL751	WP01 - Custom Snake Details (1 of 2)
AVL752	WP01 - Custom Snake Details (2 of 2)
AVL753	WP02 - Custom Snake Details (1 of 2)
AVL754	WP02 - Custom Snake Details (2 of 2)
AVL755	WP01 to WP04 - Custom Return Snakes
AVL756	ITEM-SNK01 - ITEM-SNK02 - Custom IEM Snakes
AVL757	8x SNAKE CABLES for WP1 & WP2
AVL901	AUDITORIUM LED WALLS - CONCEPT
AVL902	AUDITORIUM LED WALLS - LAYOUT
AVL903	AUDITORIUM LED WALLS - IMAG SCREENS DETAILS
AVL904	AUDITORIUM LED WALLS - SCENIC SCREENS DETAILS
AVL906	LOBBY LED WALL

Clark Project Manager: Eric Rizner
Clark Lead Engineer: Adam Bien

SYSTEMS SYMBOL LEGEND

SYMBOL	DESCRIPTION
<div>EQUIPMENT ID CLARK CUSTOM DESC</div>	DEVICE BLOCK
LOCATION	
MODEL DIVID	FOUND IN DEVICE BLOCK. REPRESENTS INPUT OR OUTPUT CARD.
DEVID MODEL	FOUND IN DEVICE BLOCK. REPRESENTS CARD WITH INPUT AND OUTPUT.
XX XX XX	FOUND IN DEVICE BLOCK. REPRESENTS THROUGH CONNECTION.
1 5 RED +	WY 1 FOUND IN DEVICE BLOCK. REPRESENTS TERMINAL BLOCK.
XXX CONN CABLE WIRE#	REPRESENTS CONNECTOR
XXX CONN CABLE WIRE#	REPRESENTS CONNECTION WITH NO CONNECTOR
XXX CONN CABLE WIRE#	REPRESENTS CONNECTOR ON PANEL OR RECEPTACLE
AMP01-01 CH A AVL101	OFF PAGE FLAG
AMP01-01 CH A AA	ON PAGE FLAG
LINE 1 LINE 2	AREAGROUP DESIGNATOR
CABLE NOTE 12	CABLE/PART CALLOUT
RACK ID	RACK CALLOUT
CONTROL INTERCOM NETWORK AUDIO VIDEO LIGHTING	RED ORANGE GREEN BLUE PURPLE BROWN
TAP TIA MANF MOUNT	CEILING SPEAKER, PASSIVE
TAPW TIA MANF MOUNT	CEILING SPEAKER, 70V
TAP TIA MANF MOUNT TYPE	SPEAKER, ACTIVE (ALSO INCLUDES PASSIVE AND 70V OPTIONS)
A0001 - AUDIO C0001 - INTERCOM D0001 - DMX L0001 - LIGHTING NETWORK N0001 - NETWORK R0001 - REFERENCE S0001 - SPEAKER U0001 - ANTENNA V0001 - VIDEO	CABLE NUMBER NOMENCLATURE





888.309.8086 | 770.888.5086
www.clark.a | @clarkswet
THIS DRAWING IS A CONSTRUCTION DRAWING.
PROVIDING THE SCOPE AND SEQUENCE OF THE
WORK, THE LAYOUT AND THE STRUCTURE OF THE
COORDINATE PHYSICAL, AND THE
GENERAL ARRANGEMENTS OF THE APPLIANCES
AND EQUIPMENT NECESSARY TO INSTALL THE
SYSTEMS OF THE PROJECT. IT IS NOT TO BE
USED FOR THE PURPOSE OF ANY OTHER USE AND
ANY INFORMATION CONTAINED HEREIN IS TO BE
USED IN CONNECTION WITH THE PROJECT.
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DRAWINGS ARE NOT FOR PERMIT CHECK
UNLESS INDICATED.

LAKELAND CHURCH AUDITORIUM AVL UPGRADE

1401 GRIFFIN ROAD
LAKELAND, FL 33810

CARD 1

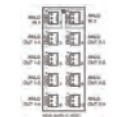
CARD 2

SELECT PAGES

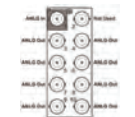
Table 9: GPI/LTC port - connector pin assignments

Pin #	Function	AVL cable	Pin #
1	GPI out 1	Red BNC	1
2	GPI out 2	Green BNC	2
3	GPI out 3 / Present select 3	Blue BNC	3
4	Present select 1		
5	LTC 4 negative		
6	Ground	Ground	
7	LTC 3 negative		
8	LTC 2 negative		
9	Ground		
10	LTC 1 negative		
11	Present select 2		
12	LTC 3 positive		
13	LTC 2 positive	H BNC	
14	LTC 1 positive	V BNC	
15	LTC 4 positive		

TDA01
TIME CODE DA



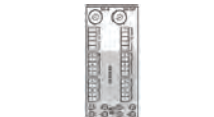
RDA01
REFERENCE DA



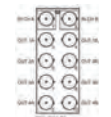
WDA01
WORD CLOCK DA



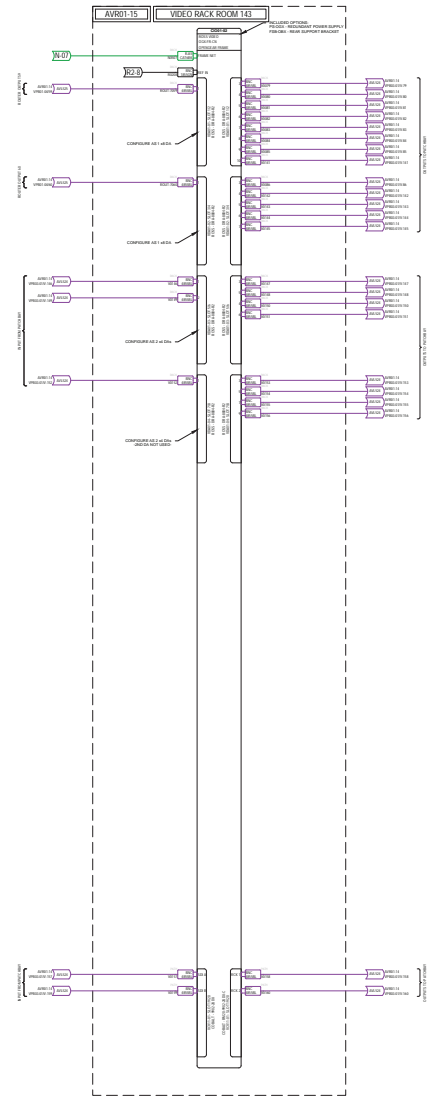
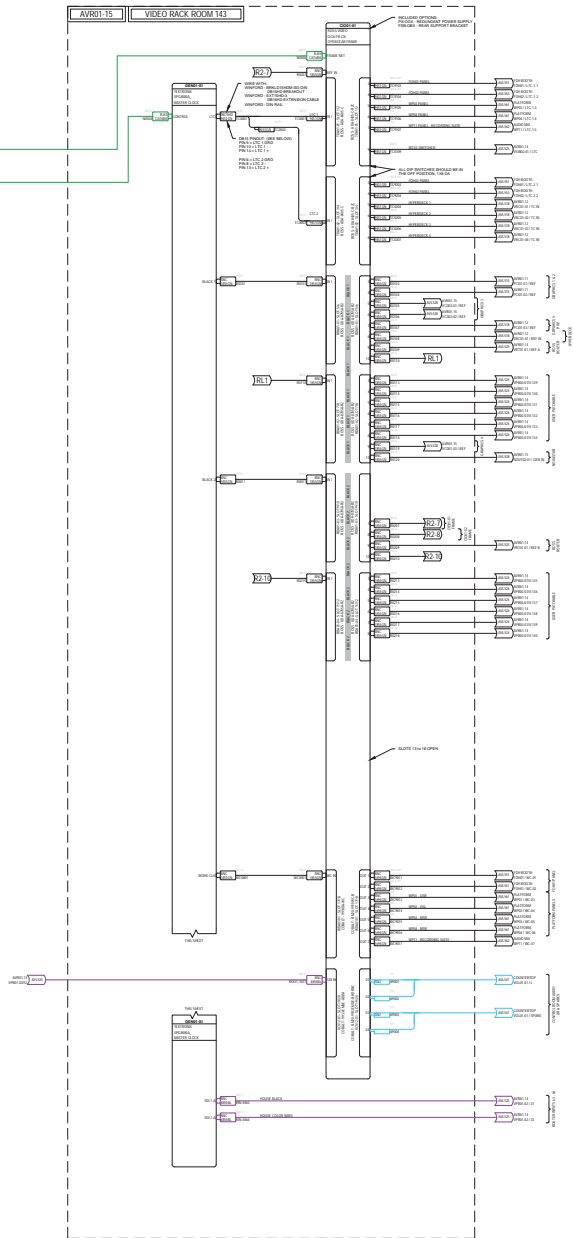
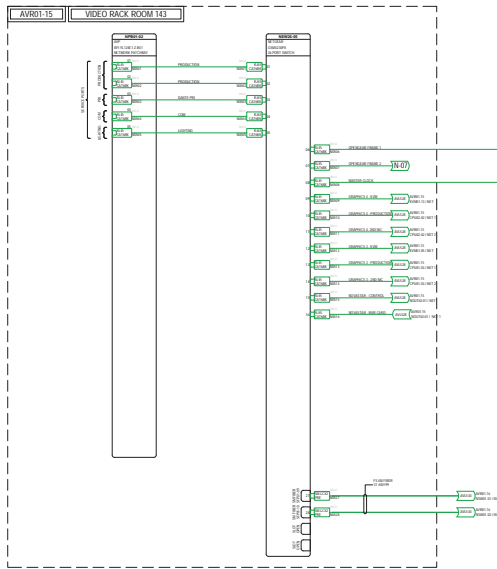
VCV12
AUDIO
EMBEDDER/DE-EMBEDDER



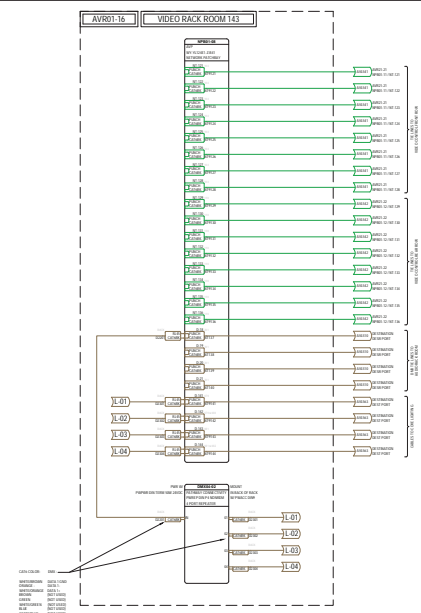
VDA01
3G VIDEO DA



VCV11
VIDEO UTILITY CARD



AVL527



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LAKELAND CHURCH
AUDITORIUM AVL UPGRADE
1401 GRIFFIN ROAD
LAKELAND, FL 33810

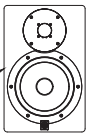
REV	DATE	DESCRIPTION

PROJECT # 22-0044 DRAWN BY: JCS
MILESTONE/PHASE: 08/24/22
PLOT BY: ADAM BROWN
PLOT DATE: 08/24/22
SHEET TITLE:
VIDEO CONTROL ROOM - DISPLAY WALL DETAIL

SHEET NUMBER:

AVL617

SPK08-01
YAMAHA - HS8



MOUNT OPTIONS:
- MOUNT-IT - MI-SB37
- K&M - SPEAKER MOUNT/PLATE

LCD43-01
SONY
FW-43BZ30J

MOUNT WITH:
-CHIEF RMB400
-LOW PROFILE STRUT

LCD43-02
SONY
FW-43BZ30J

MOUNT WITH:
-CHIEF RMB400
-LOW PROFILE STRUT

LCD43-03
SONY
FW-43BZ30J

MOUNT WITH:
-CHIEF RMB400
-LOW PROFILE STRUT

LCD43-04
SONY
FW-43BZ30J

MOUNT WITH:
-CHIEF RMB400
-LOW PROFILE STRUT

SPK08-02
YAMAHA - HS8



MOUNT OPTIONS:
- MOUNT-IT - MI-SB37
- K&M - SPEAKER MOUNT/PLATE

LCD75-01
SONY
FW-75BZ30J

MOUNT WITH:
-CHIEF LVXSU
-LOW PROFILE STRUT

LCD75-02
SONY
FW-75BZ30J

MOUNT WITH:
-CHIEF LVXSU
-LOW PROFILE STRUT

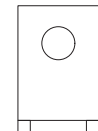
LCD75-03
SONY
FW-75BZ30J

MOUNT WITH:
-CHIEF LVXSU
-LOW PROFILE STRUT

SEE AVL617 FOR FRONT ROW DETAILS

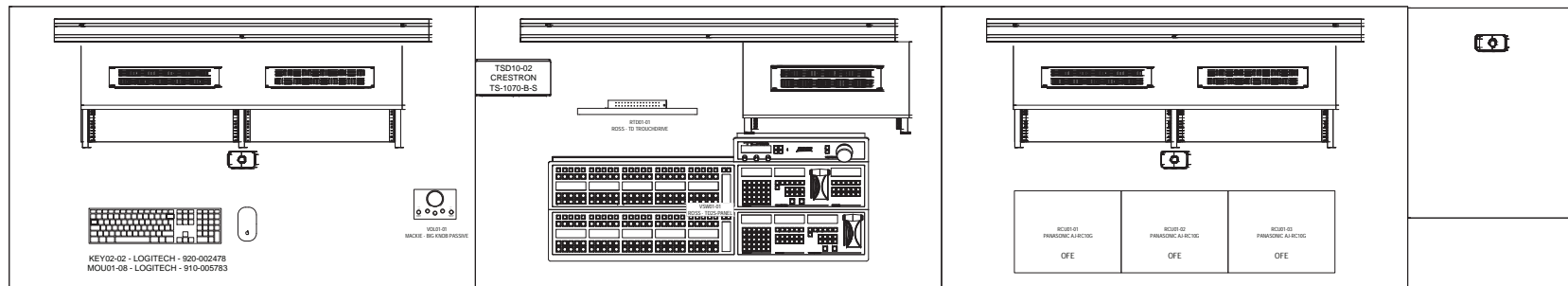
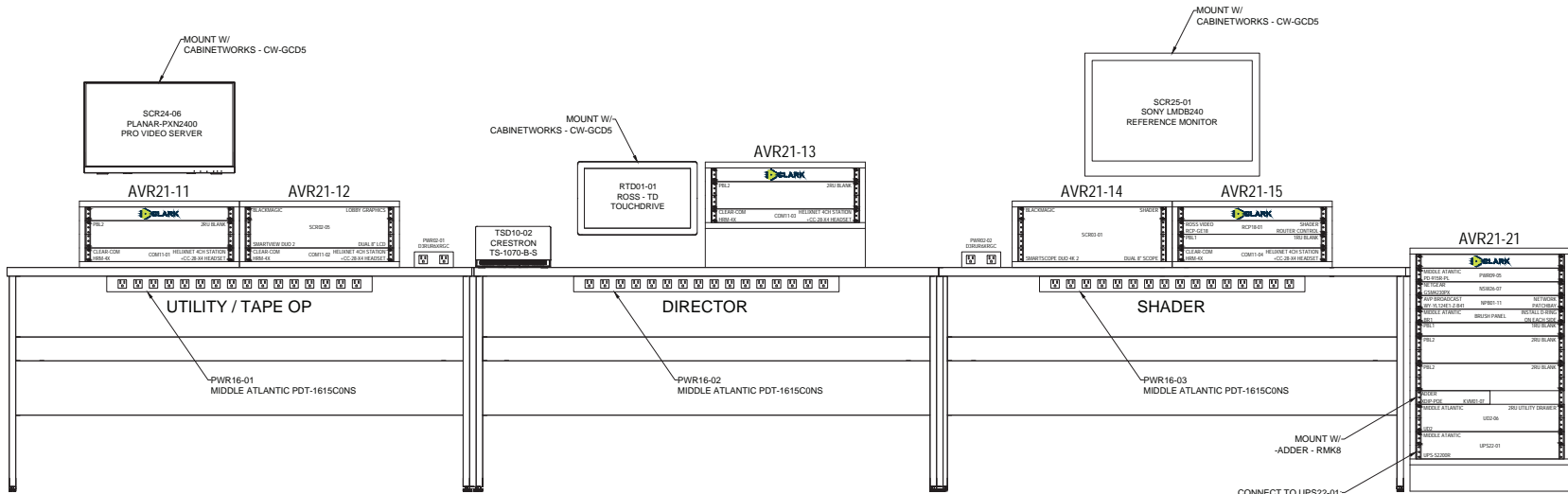
SEE AVL618 FOR REAR ROW DETAILS

SPK09-01
YAMAHA - HS8S



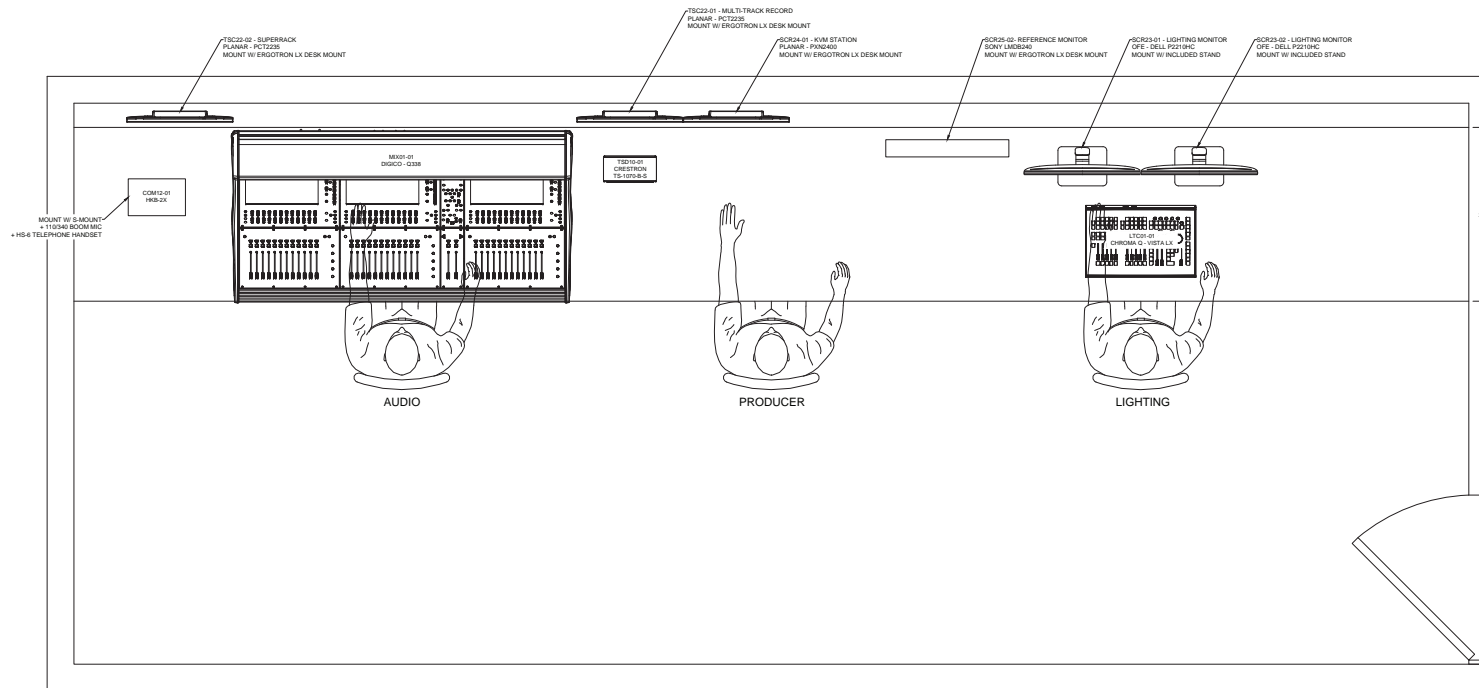
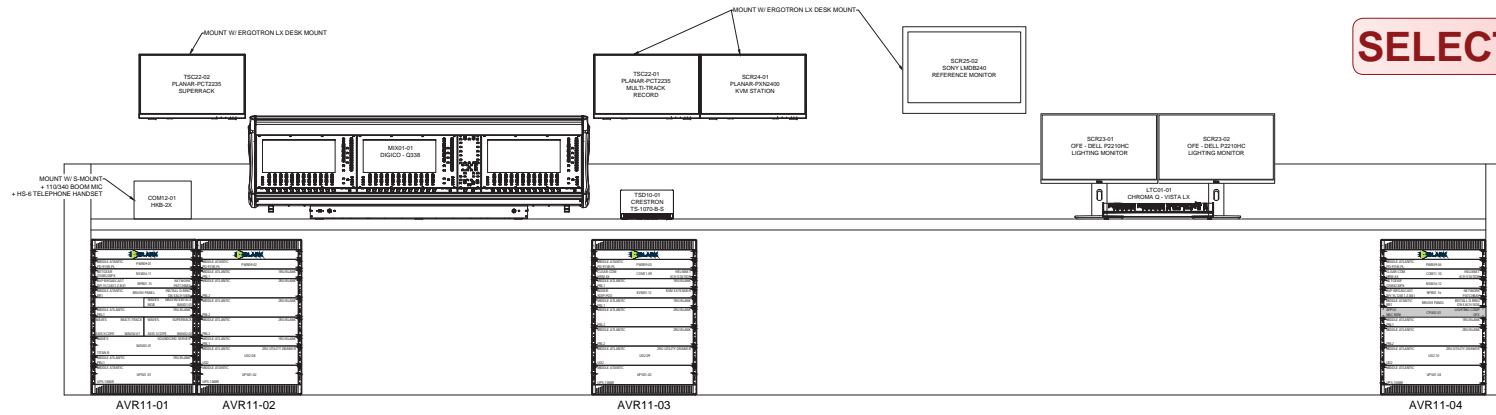
REV	DATE	DESCRIPTION

PROJECT # 22-004 DRAWN BY: JCS
 MILESTONE/PHASE: 10/16/22
 PLOT BY: ADMIN/ADMIN
 PLOT DATE: 10/16/2024
 SHEET TITLE:
 VIDEO CONTROL ROOM - FRONT ROW DETAIL
 SHEET NUMBER:



SELECT PAGES

SELECT PAGES



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

LAKELAND CHURCH
AUDITORIUM AVL UPGRADE
1401 GRIFFIN ROAD
LAKELAND, FL 33810

REV	DATE	DESCRIPTION

PROJECT # 22-004 DRAWN BY: JCS
MILESTONE/PHASE: 10/16/20
PLOT BY: ADMIN
PLOT DATE: 10/16/2024
SHEET TITLE:

FOR BOOTH OVERVIEW

SHEET NUMBER

AVL620

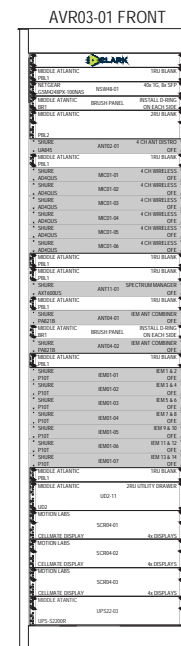
WIRELESS RACK
- REAR WALL OF PLATFORM -



**RACK ELEVATION -
AUDIO & LIGHTING
OVERVIEW**

SHEET NUMBER:

AVL621

[illegible]

LAKELAND CHURCH
AUDITORIUM AVL UPGRADE

The diagram is a detailed architectural floor plan of the 1st floor, organized into six main sections: AVR01-11 FRONT, AVR01-12 FRONT, AVR01-13 FRONT, AVR01-14 FRONT, AVR01-15 FRONT, and AVR03-16 FRONT. Each section contains a grid of rooms, each with a specific name, room number, and details. The plan also includes a legend for room types and a scale bar.

Room Details and Room Numbers:

- AVR01-11 FRONT:**
 - 11.01: 11.01 BLANK
 - 11.02: 11.02 BLANK
 - 11.03: 11.03 BLANK
 - 11.04: 11.04 BLANK
 - 11.05: 11.05 BLANK
 - 11.06: 11.06 BLANK
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 - 11.100: 11.100 BLANK
- AVR01-12 FRONT:**
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 - 12.89:

y	DATE	DESCRIPTION

PROJECT #: 22-0454 DRAWN BY: ACB
ESTONE/PHASE: 100%CD

DT BY: ADAM BIEN
DT DATE: 03/18/2024

HEET TITLE:

RACK ELEVATION - VIDEO RACKS OVERVIEW

SHEET NUMBER: _____

AVL622

22-0238 - VICTORY CHURCH -MAIN AUDITORIUM UPGRADE-

AVL INFRASTRUCTURE PACKAGE - AS BUILT -

Sheet List Table	
Sheet Number	Sheet Title
AVL000	TITLE AND SHEET INDEX
AVL001	GENERAL DIVISION OF DUTIES
AVL002	DRAWINGS LEGEND & HEAT LOADS
AVL003	AVL SYSTEMS ISOLATED GROUNDING REQUIREMENTS
AVL006	TECHNICAL AND THEATRICAL LIGHTING POWER OVERVIEW
AVL110	PLAN - 1ST FLOOR - BUILDING OVERVIEW
AVL111	PLAN - 1ST FLOOR - PLATFORM 102
AVL111D	PLAN - 1ST FLOOR - PLATFORM 102 - DIMENSIONS
AVL112	PLAN - 1ST FLOOR - AUDITORIUM 102
AVL112D	PLAN - 1ST FLOOR - AUDITORIUM 102 - DIMENSIONS
AVL113	PLAN - 1ST FLOOR - SUBWOOFER CAVITY
AVL114	PLAN - 1ST FLOOR - FOH BOOTH AND CAMERA PLATFORM
AVL116	PLAN - 1ST FLOOR - VIDEO CONTROL ROOM 145 AND RACK ROOM 143
AVL117	PLAN - 1ST FLOOR - AUDIO ROOM 147 AND STUDIO ROOM 148A
AVL118	PLAN - 1ST FLOOR - LOBBY
AVL119	PLAN - 1ST FLOOR - LOBBY ADJOINING ROOMS
AVL120	PLAN - 2ND FLOOR - BUILDING OVERVIEW
AVL121	PLAN - 2ND FLOOR - PLATFORM & BAPTISTRY
AVL122	PLAN - 2ND FLOOR - AUDITORIUM BALCONY
AVL123	PLAN - 2ND FLOOR - ROOM 204
AVL130	PLAN - 3RD FLOOR - BUILDING OVERVIEW
AVL131	PLAN - 3RD FLOOR - AUDITORIUM 102 - CURTAIN PIPE DETAIL
AVL132	PLAN - 3RD FLOOR - AUDITORIUM 102 - CATWALK
AVL132S	PLAN - 3RD FLOOR - STRUCTURAL RIGGING DETAILS
AVL132LED	PLAN - 3RD FLOOR - IMAG LED RIGGING
AVL132SPK	PLAN - 3RD FLOOR - SPEAKER RIGGING
AVL218	RCP - 1ST FLOOR - LOBBY
AVL219	RCP - 1ST FLOOR - LOBBY ADJOINING ROOMS
AVL301	SECTION - AUDITORIUM FIXED INSTALL GEAR
AVL401	FOH BOOTH DETAIL
AVL403	SUBWOOFER ENCLOSURE DETAILS
AVL405	MID PLATFORM THROUGH DETAIL
AVL406	DISPLAY MOUNTING DETAIL - BALCONY FACE
AVL407	DISPLAY MOUNTING DETAIL - AUDIO SUITE
AVL408	DISPLAY MOUNTING DETAIL - VIDEO SUITE
AVL409	DISPLAY MOUNTING DETAIL - AUDITORIUM WING WALLS
AVL410	DISPLAY MOUNTING DETAILS - LOBBY ROOMS
AVL411	LOBBY LED WALL DETAIL
AVL417	SPEAKER & LED WALL STRUCTURAL SUPPORT BEAM DETAIL
AVL421	LOBBY SPEAKER DETAILS
AVL449	RACK ROOM 302 - RACK POWER LOCATION DETAIL
AVL451	PANELBOARD SCHEDULE LED1
AVL461	AVL JBOK & CONDUIT SCHEDULES

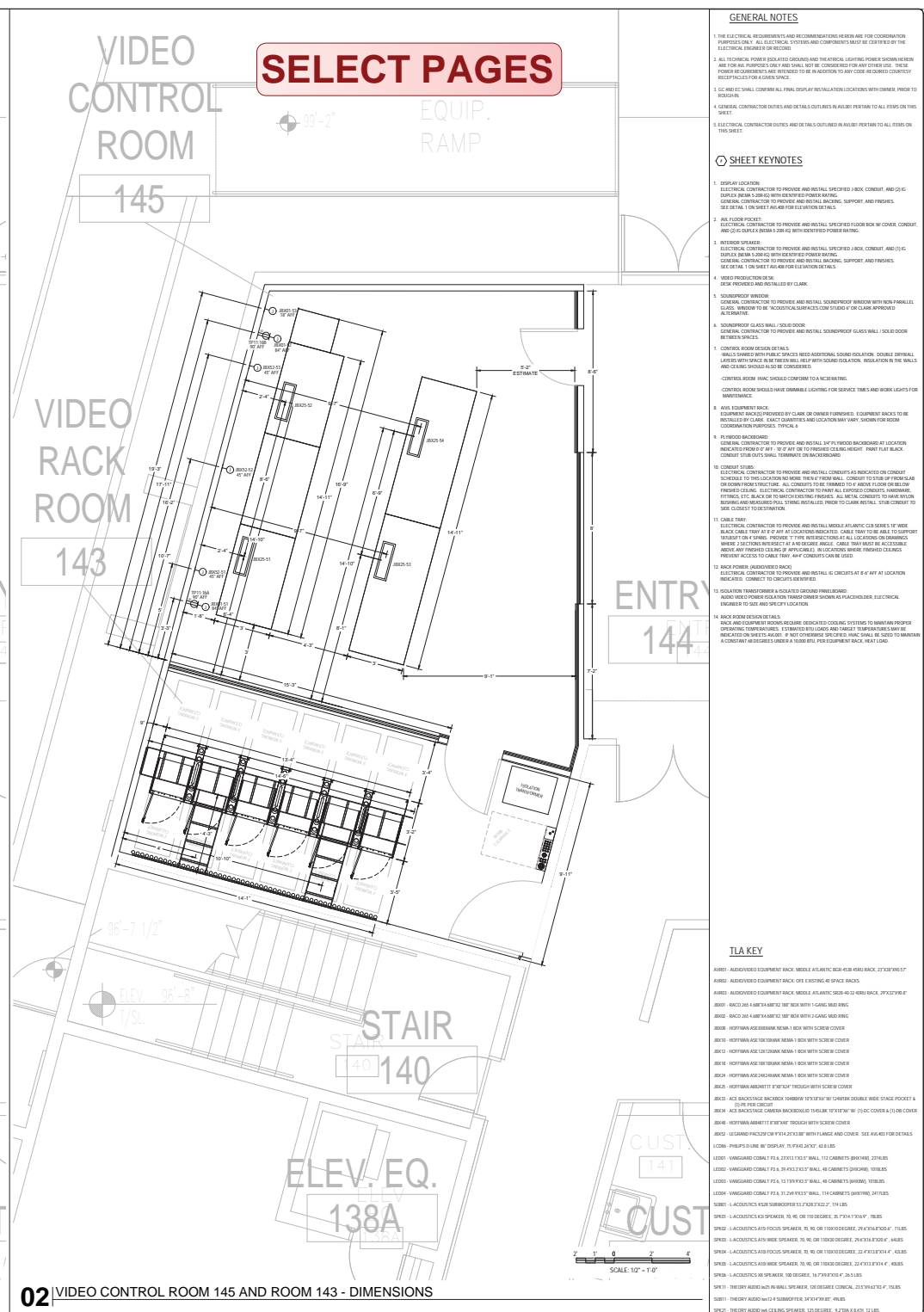
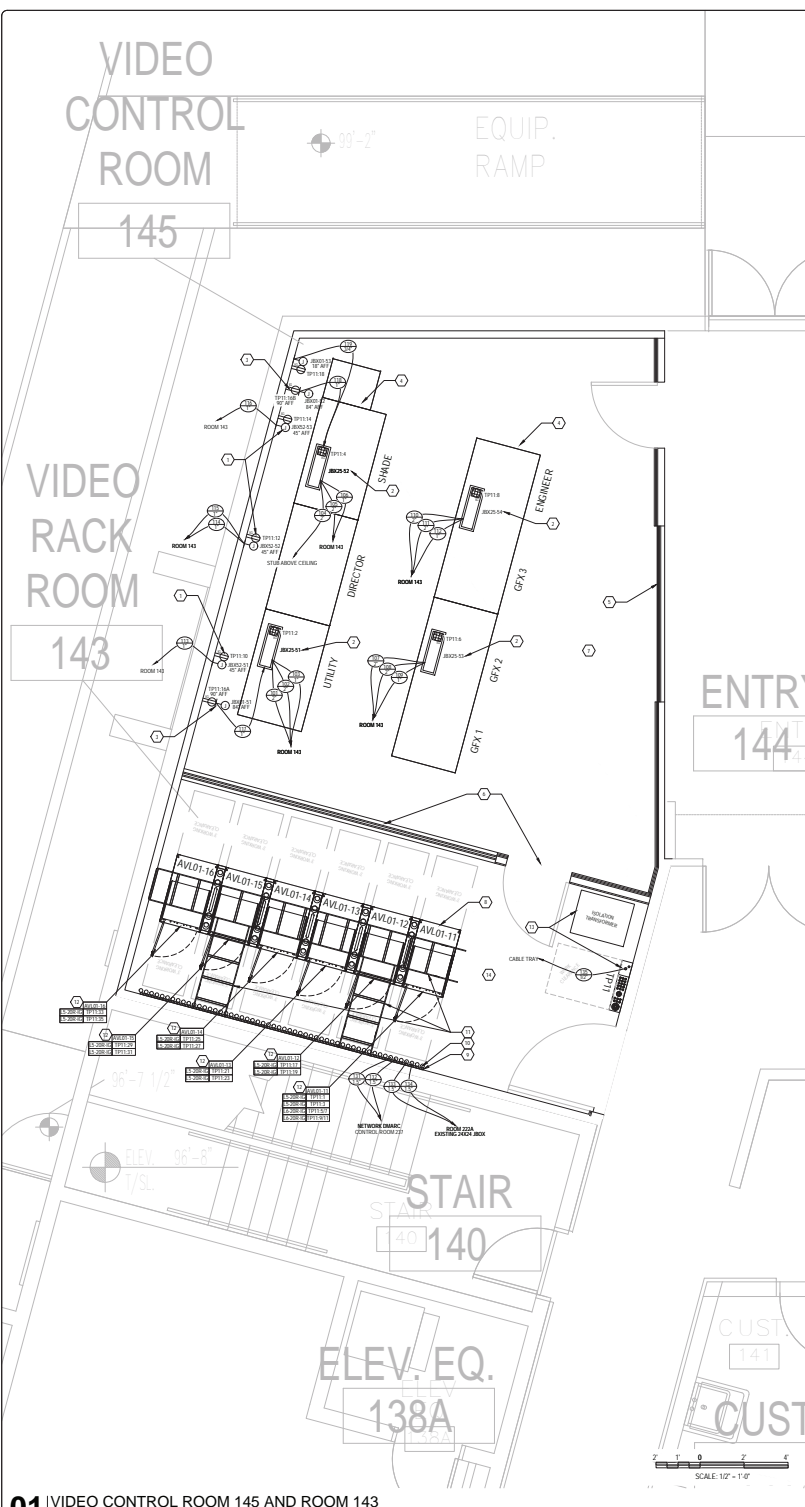
SELECT PAGES

Clark Project Manager: Eric Rizner
Clark Lead Designer: Peter Fitton
Clark Lead Engineer: Adam Bien

LAKELAND CHURCH
AUDITORIUM AVL UPGRADE
1401 GRIFFIN ROAD
LAKELAND, FL 33810

REV	DATE	DESCRIPTION
REV 1	01/20/2024	REVISIONS
REV 2	01/20/2024	LOBBY SPEAKER ADDED
REV 3	01/20/2024	AVL CONNECTIONS
REV 4	01/20/2024	LOBBY ADDED
REV 5	01/20/2024	POWER CONDUIT REDUCTION
REV	DATE	DESCRIPTION

PROJECT #	22-0238	DRAWN BY	JCS
MILESTONE/PHASE	CD	REV	1
PROJECT	LOBBY ADDED		
DATE	01/20/2024		
SHEET TITLE	TITLE AND SHEET INDEX		
SHEET NUMBER	AVL000		



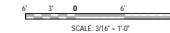
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GENERAL NOTES

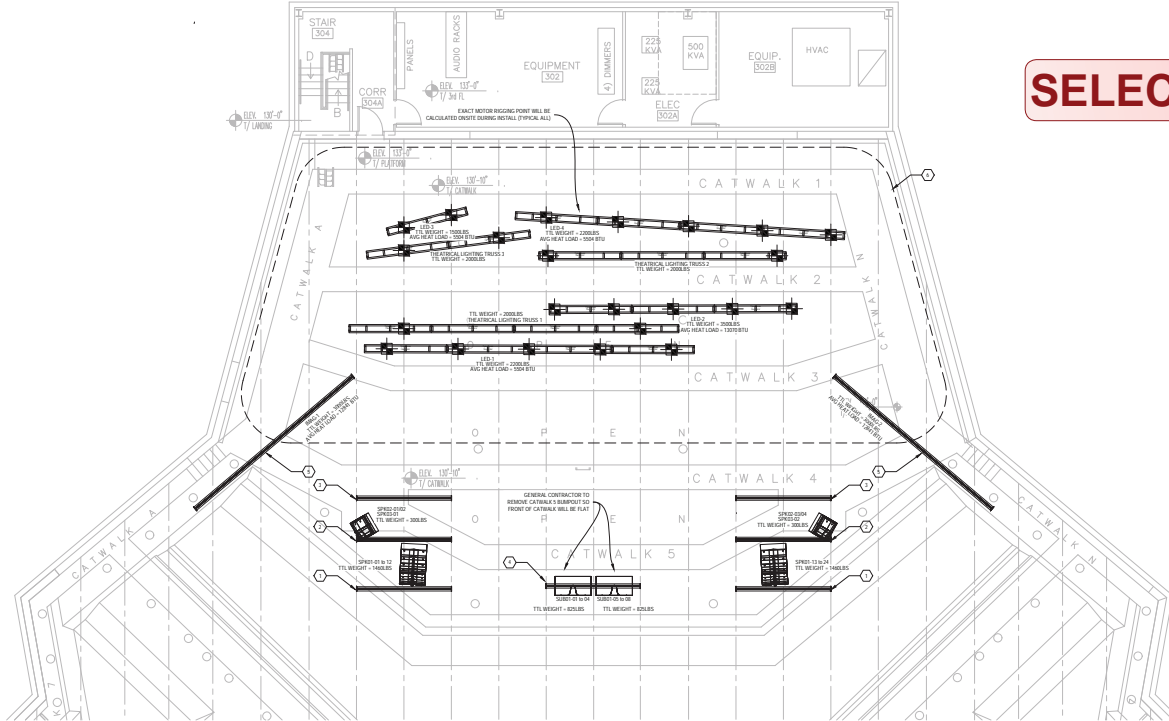
1. ALL SUPPORT BEAMS AND ATTACHMENT TO BE DESIGNED BY PROJECT STRUCTURAL ENGINEER TO SUPPORT INDICATED LOADS. ALL WEIGHTS ARE IN POUNDS.
2. DETAILS SHOWN ARE INTENDED TO GIVE GUIDANCE ON MEMBER SIZES, LOCATION AND USAGE. NOT STRUCTURAL. REFER TO PROJECT STRUCTURAL DRAWINGS FOR ACTUAL STRUCTURAL MEMBERS AND ATTACHMENT METHODS.
3. GENERAL CONTRACTOR TO PROVIDE AND INSTALL ALL SUPPORT BEAMS AT LOCATION INDICATED. ATTACHMENT SHALL BE PERFORMED AND FINISHED TO CLASH WITH ALL EXISTING WALLS, CEILING, OR ALL AISC. ATTACHMENT SHALL PREVENT SWAYING, ROTATING, OR TENSILE LOADS BEING TRANSFERRED TO THE STRUCTURE.
4. WEIGHTS INDICATED ON THE DRAWINGS ARE ACTUAL LOADS. SAFETY FACTOR IS TO BE ACCOUNTED FOR BY THE STRUCTURAL ENGINEER OF RECORD.
5. BEARING CAPACITY OF INDICATED OR SHOWN ARE APPROXIMATED FOR ESTIMATION AND REFLECT THE ASSUMED CONDITION OF THE BEAM. WITHOUT SPECIFIC DIMENSIONAL, ACTUAL BEARING CAPACITY TO BE DETERMINED BY LOCAL AUTHORITY CONDITIONS AND STRUCTURAL ENGINEER.

SHEET KEYNOTES

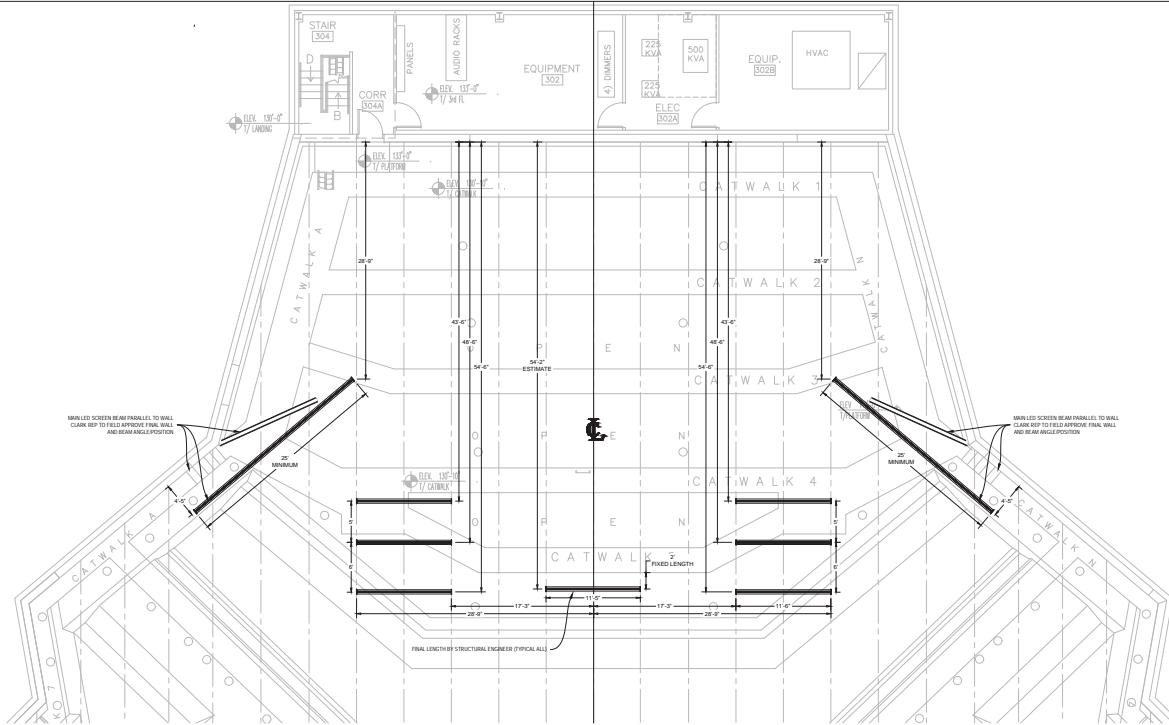
1. SPREADER SUPPORT BEAM (TYPE 1): STRUCTURAL ENGINEER TO DESIGN SUPPORT BEAM AND ATTACHMENT BASED ON EXAMPLE SHOWN ON A441 DETAIL 1. GENERAL CONTRACTOR TO PROVIDE AND INSTALL SUPPORT BEAM. BEAMS TO BE CAPABLE OF HANDLING DYNAMIC POINT LOADS INHERENT ALONG BEAM. MOUNT BEAMS 36" ABOVE PLATFORM TO BOTTOM OF BEAM.
2. SPREADER SUPPORT BEAM (TYPE 2): STRUCTURAL ENGINEER TO DESIGN SUPPORT BEAM AND ATTACHMENT BASED ON EXAMPLE SHOWN ON A441 DETAIL 1. GENERAL CONTRACTOR TO PROVIDE AND INSTALL SUPPORT BEAM. BEAMS TO BE CAPABLE OF 10' HANDED 500 LB. UNIFORM POINT LOAD INHERENT ALONG BEAM. MOUNT BEAMS 36" ABOVE PLATFORM TO BOTTOM OF BEAM.
3. SPREADER SUPPORT BEAM (TYPE 3): STRUCTURAL ENGINEER TO DESIGN SUPPORT BEAM AND ATTACHMENT BASED ON EXAMPLE SHOWN ON A441 DETAIL 1. GENERAL CONTRACTOR TO PROVIDE AND INSTALL SUPPORT BEAM. BEAMS TO BE CAPABLE OF 10' HANDED 500 LB. UNIFORM POINT LOAD INHERENT ALONG BEAM. MOUNT BEAMS 36" ABOVE PLATFORM TO BOTTOM OF BEAM.
4. SPREADER SUPPORT BEAM (TYPE 4): STRUCTURAL ENGINEER TO DESIGN SUPPORT BEAM AND ATTACHMENT BASED ON EXAMPLE SHOWN ON A441 DETAIL 1. GENERAL CONTRACTOR TO PROVIDE AND INSTALL SUPPORT BEAM. BEAMS TO BE CAPABLE OF 10' HANDED 500 LB. UNIFORM POINT LOAD INHERENT ALONG BEAM. MOUNT BEAMS 36" ABOVE PLATFORM TO BOTTOM OF BEAM.
5. USED VIDEO WALL SUPPORT BEAM: STRUCTURAL ENGINEER TO DESIGN SUPPORT BEAM AND ATTACHMENT BASED ON EXAMPLE SHOWN ON A441 DETAIL 1. GENERAL CONTRACTOR TO PROVIDE AND INSTALL SUPPORT BEAM. BEAMS TO BE CAPABLE OF 10' HANDED 500 LB. UNIFORM POINT LOAD INHERENT ALONG BEAM. MOUNT BEAMS 36" ABOVE PLATFORM TO BOTTOM OF BEAM.
6. LIGHTING RIGGING POINT (DYNAMIC PLATFORM BODY): STRUCTURAL ENGINEER TO DESIGN PLATFORM BODY TO ACCOMMODATE 10' HANDED 500 LB. UNIFORM POINT LOADS INHERENT ALONG BEAM. MOUNT BEAMS 36" ABOVE PLATFORM TO BOTTOM OF BEAM.



01 PLAN - 3RD FLOOR - STRUCTURAL RIGGING DETAILS

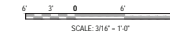


02 PLAN - 3RD FLOOR - STRUCTURAL RIGGING DETAILS - DIMENSIONS



TLA KEY

- AVR1: AUDIO/VIDEO EQUIPMENT RACK, MODEL ATLANTIC RISE 4000 BACK, 12'X10'X6'5"
- AVR2: AUDIO/VIDEO EQUIPMENT RACK, ONE EXISTING 40" SPACE RACKS
- AVR3: AUDIO/VIDEO EQUIPMENT RACK, MODEL ATLANTIC RISE 4000 BACK, 12'X10'X6'5"
- AVR4: AUDIO/VIDEO EQUIPMENT RACK, MODEL ATLANTIC RISE 4000 BACK, 12'X10'X6'5"
- AVR5: AUDIO/VIDEO EQUIPMENT RACK, MODEL ATLANTIC RISE 4000 BACK, 12'X10'X6'5"
- AVR6: AUDIO/VIDEO EQUIPMENT RACK, MODEL ATLANTIC RISE 4000 BACK, 12'X10'X6'5"
- AVR7: AUDIO/VIDEO EQUIPMENT RACK, MODEL ATLANTIC RISE 4000 BACK, 12'X10'X6'5"
- AVR8: AUDIO/VIDEO EQUIPMENT RACK, MODEL ATLANTIC RISE 4000 BACK, 12'X10'X6'5"
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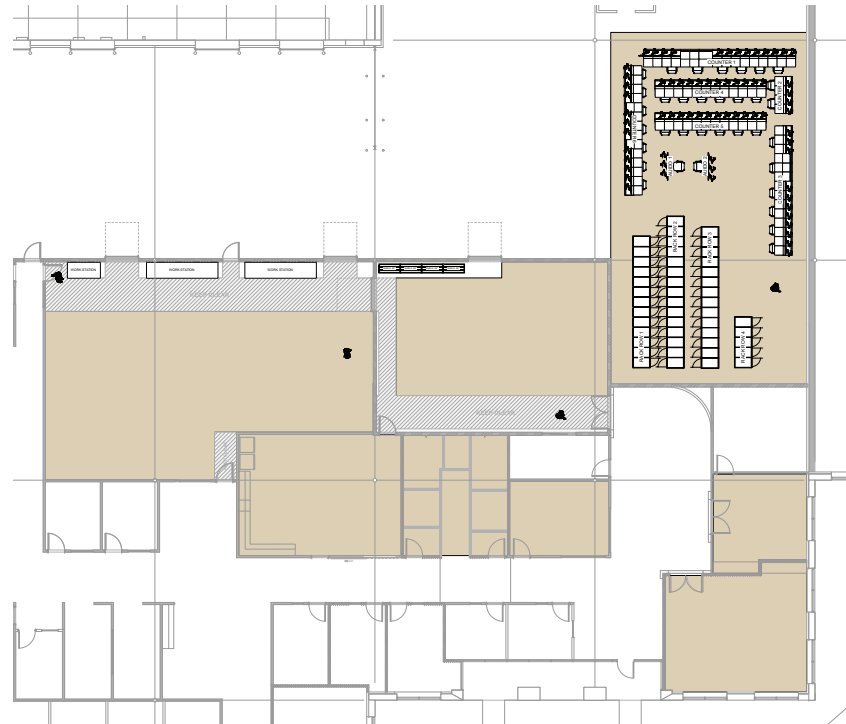
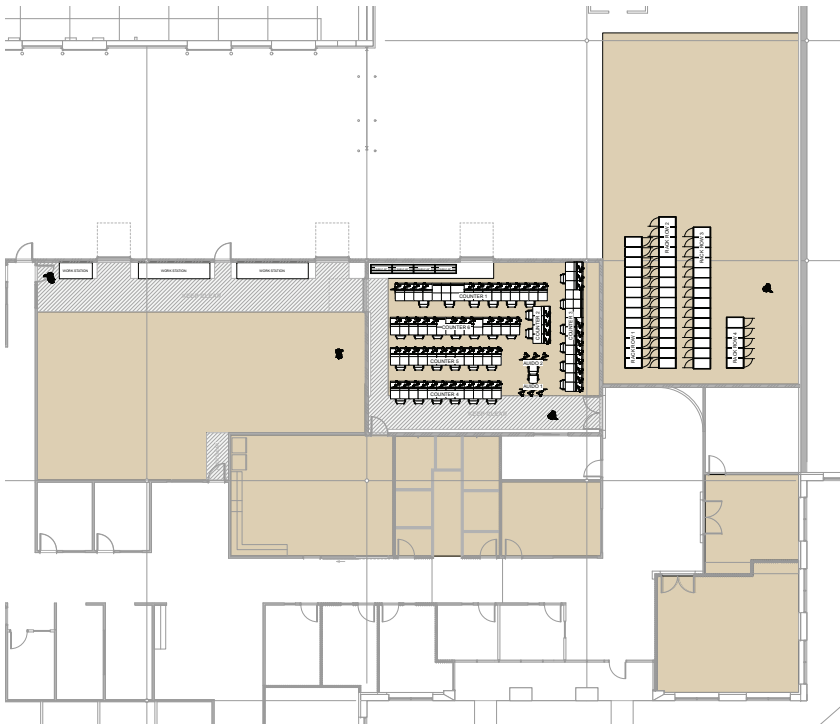
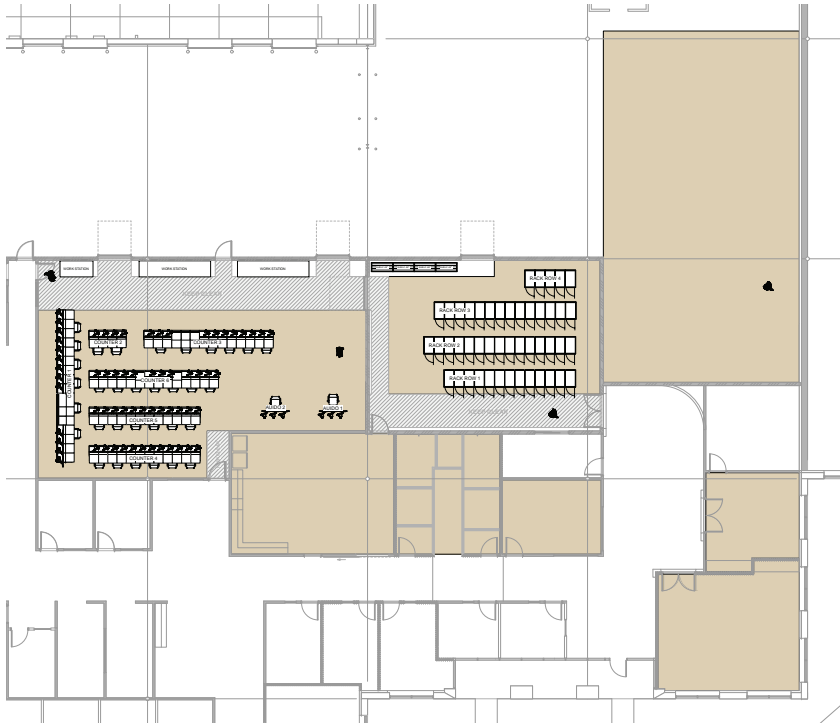


3/7/8204	AS BUILT
9/29/2023	LOBBY SYSTEMS ADDED
09/03/2023	MISC CORRECTIONS
01/09/2023	LOBBY ADDED
06/28/2023	HOUSE CONDUIT REDUCTION
DATE	DESCRIPTION

INELBOARD SCHEDULE LED1

ET NUMBER:224 154AVL451

SELECT PAGES



PROJECT NUMBER

BUILD NUMBER

CLIENT INFORMATION:
SAN FRANCISCO 49ERS
4900 MARIE P. DEBARTOLO WAY SANTA
CLARA, CA 95054-1229

KEY PLAN

REVISION

ISSUE

SHEET TITLE
BUILD OUT FLOOR PLAN

SHEET NUMBER

02

NOT FOR CONSTRUCTION



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