



City of Wheeling

REQUEST FOR PROPOSAL

**POLICE AND FIRE DEPARTMENT'S  
AUDIO/VISUAL**

Send to:

City of Wheeling

RFP # 2022-AV-01

Michael A. Lloyd, Director of Information Technology

1500 Chapline Street, Suite 115

Wheeling, WV 26003

[mlloyd@wheelingwv.gov](mailto:mlloyd@wheelingwv.gov)

Submission Due Date for Proposal:

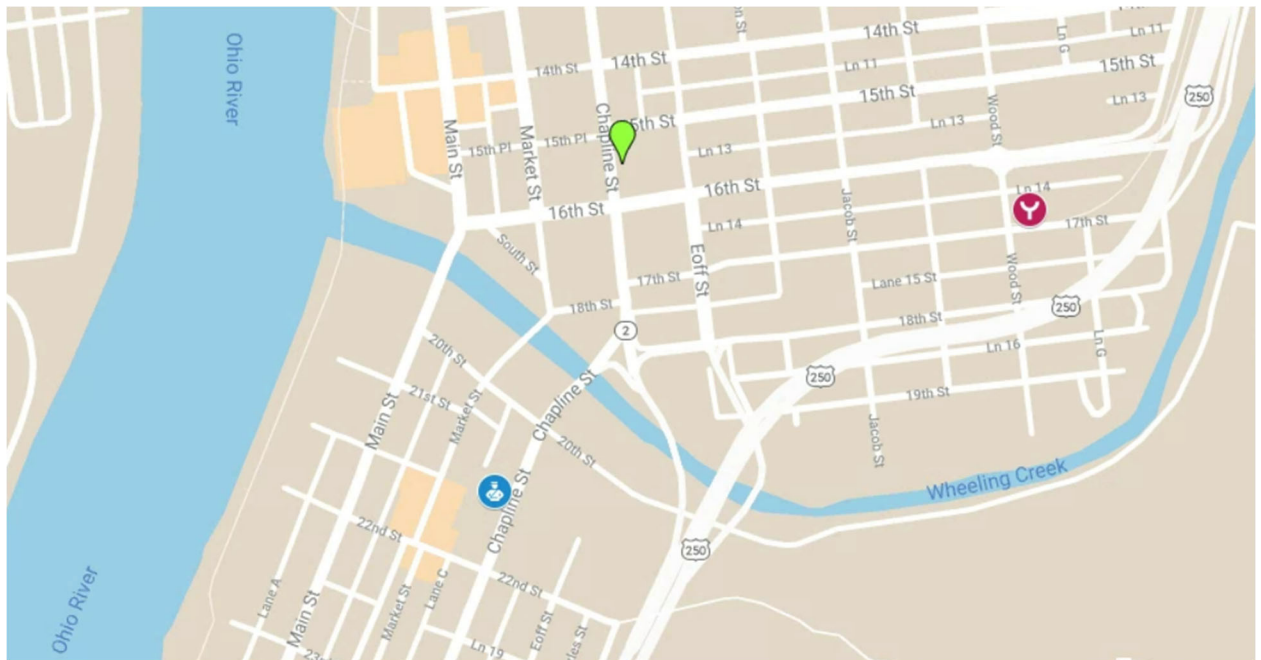
**Bids will only be accepted through and no later than 12:00 P.M. on Friday, February 11, 2022**

## I. About the City of Wheeling

See Appendix A

## II. Background

The City of Wheeling, green marker below, West Virginia (“City”) is renovating a structure for the City Police Department (“WPD”), blue marker, located at 2115 Chapline St, Wheeling, WV 26003 and commonly referred to as the “VPC Building”. Similarly, the City is building a new facility for the City Fire Department headquarters (“WFD”), red marker, at Wood and 17th St aka 167 17<sup>th</sup> St, Wheeling, WV 26003.



## III. Project Description

Both structures will require an Audio and Visual (A/V) design throughout the structures providing the means to be more efficient in meetings, daily jobs duties, security, and training.

The WPD is a four-story building. The WFD is campus-style building.

The WPD construction is tentatively due for completion in August 2022 while the WFD construction is due for completion in December 2022.

Each location will have dedicated internet access of 100 Mbps with the ability to increase, if necessary. Cat6a data points will be provided.

The solution must be designed to be easy to use and operate, meet current and future needs, and be highly reliable.

#### IV. General Requirements

- A. With the exception of any price decreases, all proposals will remain in effect through completion of project.
- B. Refurbished equipment is not acceptable. All equipment must be new and from an authorized reseller of the manufacturer.
- C. Partial or incomplete bids will not be accepted.
- D. When providing equipment quotes, service provider must have at least one (1) certified engineer or equivalent on staff for hardware quoted. Proof must be provided in bid package to be accepted. If bidder is subcontracting or outsourcing this function, then certifications from subcontractor must be provided.
- E. All proposals must include shipping as separate line items.
- F. Three (3) references describing bidder's portfolio experience with comparable projects must be provided in proposal.
- G. Any licensing or subscriptions to support A/V, if required, and hardware warranties shall be a minimum of three (3) years.
  - 1. Warranties shall be a minimum of next business day.
  - 2. Software upgrades shall be included.
  - 3. During the warranty period and any subsequent maintenance agreement period, any defective components shall be repaired or replaced within a timely manner at no cost to the City provided that equipment is covered in any agreement. Manufacturer warranty shall not be less than one (1) year from the installation date of each location. Shipping costs on warranty items shall be the expense of the manufacturer or vendor. Hardware requiring replacement during the warranty period shall be replaced based upon criticality. For example, hardware that is not functioning properly shall be advanced RMA'd within one (1) business day and replacement product installed upon receipt within 48 hours. Non-critical hardware may be shipped within a reasonable period of time.
  - 4. Each warranty year is to include Quarterly Preventive Maintenance Calls.
- H. Proposal must include all hardware (A/V computers, televisions, switching devices, microphones, etc.), software, subscriptions, licensing, materials, labor, etc. to ensure a fully functional deployment and configuration enabling each department to go-live. This includes consideration for unforeseen, yet reasonable, configurations. Anything excluded from winning proposal will be provided at bidder's expense.

- I. An itemized spreadsheet shall be provided listing, at a minimum, Manufacturer, Manufacturer Part #, Part Description, Quantity, Price Per Unit, Total Cost. Separate by room. Include: Software, Subscriptions, and Licenses; Hardware; Supplies and Materials; Service and Support; Installation and Labor; and, Additional Items.
- J. Any and all login credentials shall be provided in an encrypted, electronic form to the Director of Information Technology following completion of installation and testing. All default credentials will be changed or removed before completing installation. Vendor will communicate with the Director to identify what credentials should be used.
- K. All source code will be provided to the Director of Information Technology at the complete of the project and ownership retained by the City of Wheeling.
- L. The A/V system will be configured to be fully functional by the service provider of the awarded bidder.
- M. A Project Manager shall be listed in the proposal identifying qualifications or a resume and the contact information (address, office phone, mobile phone, hours, etc.). The Project Manager shall be separate from installers or technicians.
- N. Service provider is responsible for setup, staging, configuration, installation, testing, coordination, identifying entire scope of work and sign off, and cleanup.
- O. A solution demonstration, remote or in-person, may be requested by the Director of Information Technology prior to final selection. Demonstration shall include devices similar to what will be included in proposal. Demonstration shall be no more than one hour in length. Failure to provide a demonstration will prevent consideration of proposal.
- P. Service provider will provide a 90-day and 180-day follow-up meeting for any necessary fine-tuning for the installed solution and perform any necessary configurations as part of the proposal.
- Q. Service provider must commit that the solution they provide will be viable, maintained, and supported for a minimum period of seven (7) years from the date of the first installation.
- R. Previous Multimedia experience with The City of Wheeling is preferred.
- S. A separate quote must be prepared for the WPD and WFD.

## V. Selection Criteria

#	Factor	Description	Points
1	Solution Provided	A key component is the solution the vendor supplies. The solution must be 100% complete and provide a detailed listing of necessary equipment. Vendor is expected to determine if a network can support the solution prior to implementation. What is the best solution for the City now and for any future growth or changes? What is both secure and easy to manage?	30
2	Vendor experience and vision	Can the vendor provide a complete solution that meets the requirements of this proposal? Is the vendor experienced to install and support their provided solution? Does the vendor have sufficient resources to support the installation and maintenance? Does vendor have properly certified technicians?	15
3	Vendor references	Who has a comparable system as proposed? Who has the vendor sent proposals but wasn't the chosen vendor?	15
4	Vendor support and service	Can the vendor support the proposed system remotely or locally and at all current and future locations?	15
5	Technology	Is proposed system technologically advanced and continuing to be enhanced and maintained or is it a legacy system? What is the expected supported lifespan of the proposed system?	20
6	Scalability	Will the system grow as the City does? Can the system handle future upgrades? At what point does the system need upgraded or replaced?	15
7	Pricing structure	Is the pricing competitive and comprehensive?	25
Total Points			135

## VI. Bid Information

### A. Timelines

It is the sole responsibility of the bidder to see that the proposal is received before the date and time listed. Postmarks will not be considered as an indication of successful submission.

### B. Bid Main Contact

Michael A. Lloyd, Director of Information Technology, 1500 Chapline Street, Suite 115, Wheeling, WV 26003, [mlloyd@wheelingwv.gov](mailto:mlloyd@wheelingwv.gov), 304-234-3719

### C. Questions Related to the RFP

All requests for information related to this RFP must be made in writing via email to the Bid Main Contact. Subject line must be RFP2022-AV-01. All questions and answers will be posted publicly at <http://www.wheelingwv.gov/RFP2022AV01>. All bidders will be responsible for checking this site for updated questions and answers during the bidding period. No questions will be accepted after February 4, 2022.

### D. Hardcopy Required

All proposals must be submitted in hardcopy in ink. No pencil marks or notations will be accepted.

### E. Costs

All costs must be included in the bidder's proposal. Any expected shipping costs must be included in the proposal.

F. Taxes

The City is exempt from sales taxes. Applicable municipal Business & Occupational Licensure and taxes shall apply to the vendor.

G. Payments

Payment for any equipment would be paid in full 30-days following award and invoice receipt.

Thirty percent (30%) of Services will be paid 30-days after project kickoff. The remaining 70% will be paid upon project completion and final signoff of project and agreed completion by the Director of Information Technology or City Manager.

H. Deadline

WPD = August 1, 2022

WFD = December 1, 2022

I. Performance

By signing below, bidder agrees to perform all work by the established Deadline unless an extension is provided in writing by the Director of Information Technology. If Deadline is not met, a \$1,500.00 penalty will be assessed for each day project is not complete. This includes necessary cleanup, punch list completion, and completion of outstanding issues.

J. Signatures

Each proposal must be signed in the name of the bidder and must contain a written signature of the person authorized by the bidding enterprise to submit proposals on its behalf. A typed spelling of the signature and the position of the signor must be included with the signature.

K. Withdrawals and Errors

The bidder may withdraw any proposal between the submission date and the date and time of bid opening. The request for withdrawal must be made in writing and can be emailed to the Bid Main Contact. A bidder withdrawing a proposal will not be allowed to submit a new proposal. Proposals cannot be withdrawn after the February 16, 2022, 2:00pm opening date and time without the approval of the Director of Information Technology. Once opened, responding bidders will be responsible for any additional costs incurred due to pricing errors in the proposal if their bid is awarded a contract.

L. Evidence of Responsibility

The City reserves the right to request evidence from each respondent showing the bidder's financial stability, technical expertise, and staffing ability to fulfill the contract.

- M. [Acceptance or Rejection of Proposals](#)  
The City reserves the right to reject any and all proposals, or any or all items of any proposal, or waive any irregularity of any proposal.
- N. [Contract](#)  
The awarded bidder will be required to enter into a written contract with the City. These bid specifications and the bidder's proposal will be attached to, and become part of, the final contract documents.
- O. [Award of Contract](#)  
No contract will be awarded without the review by the City of Wheeling Legal Department and final approval of the City of Wheeling Council.
- P. [Brands](#)  
The City has provided manufacturer preference but is willing to accept proposals featuring other equipment that is functionally equivalent or superior. Functional equivalence must be proven through documentation provided by the bidder, and product sheets or links to online product sheets must be included in the bid response. When bidding an alternative, bidder must ensure that any additional components or licensing costs required to integrate into the existing City network are included in the bid.
- Q. [Right to Reject Any Proposal](#)  
The City reserves the right to reject any or all quotation submittals and to waive any informalities or regularities. The service provider's submission is recognition of this right. In addition, the City reserves the right to award for some, all, or none of the products and services sought herein.
- R. [Prevailing Law](#)  
In the event of any conflicts or ambiguities between these specifications and state or federal laws, regulations, or rules, then the latter will prevail.
- S. [Federal and State Regulations](#)  
The bidder's proposal and any contract entered into are subject to all applicable statutes of the United States and the State of West Virginia and all applicable regulations and orders of the Federal or State governments now in effect or which shall be in effect during the period of the contract.

## VII. Responsibilities

### A. Audiovisual Contractor Responsibilities

1. Provide points of contact (POC) for all project-related issues, job roles and escalation procedures.
2. Provide on-staff CTS Certified Installers, qualified to accomplish all work promptly and satisfactorily.
3. Provide an on-staff certified equipment programmer and on-staff Certified DSP Configurator.
4. Provide 8-hours of programming time for any future modifications.
5. Submit work change orders for any tasks outside of this SOW to City of Wheeling Bid Main Contact prior to performance.
6. Provide all necessary cables, connectors, mounts, and hardware.
7. Support office must be located within a two (2) hour radius of Wheeling for onsite support purposes.
8. Provide all PC's, Laptops, Tablets, and Wireless Keyboard/Mouse Combos as required for A/V integration.

### B. Customer Responsibilities

1. Provide POC for all project related issues, their job roles, and escalation procedures.
2. Provide access to all locations and any escorts as may be required to complete the scope of work.

### C. Exclusions

1. 110V AC power and Network/IT as required for vendor supplied and/or owner furnished devices.
2. Any additional work not specifically included above.

## VIII. Technical Requirements

Bidders must provide a narrative description of your product's ability to comply with each item in this section as appropriate. Each description should refer to the section and item number/letter being addressed.

### A. Police Department Specifications

#### 1. Lobby (room 101)

The first floor Lobby will be equipped with one (1) wall-mounted 55-inch UHD 4K Commercial Display receiving a feed from a customer provided CATV (Cable TV) service.



2. [Training Room \(room 107\)](#)

The first floor Training Room will be a single room seating 46 people. The space can be operated as one large room for meetings/events. The training room will be equipped with four (4) wall-mounted 75-inch UHD 4K Commercial Display, two on each side of training room, and a Smart Interactive Pen Display Tablet will be mounted at the Podium located on the West wall, allowing for annotation on PC screen- viewed on all displays. Sources to be displayed include A Small Form Factor PC meeting these minimum requirements; Intel NUC small form factor with 6 core i7 processor, 64gb DDR4 RAM, Thunderbolt 3, 4K support, 500gb SSD, will be installed along with a Wireless Keyboard/Mouse at rack.

Wireless Presentation. The sources will be fed to a 6 In x 6 Out Matrix Switcher. Sources will be transmitted to the switcher by HDMI over CAT Transmitters.

A standup Podium will be provided for the space. The podium will include a connection point for a laptop or PC, AC power, an articulating monitor mount for smart panel, and a Podium Microphone. Control of the source switching, and audio calling will be through an 8-inch Touch Panel residing at the lectern. Two (2) Shure Lavalier microphones will be installed for voice reinforcement.

This solution is for local presentation only, does not include web or audio conferencing.

A 25-Unit Equipment Rack will be provided for housing equipment.

3. [Breakrooms \(room 200\)](#)

The second floor Breakroom will be equipped with two (2) wall-mounted 55-inch UHD 4K Commercial Display receiving a feed from a customer provided CATV (Cable TV) service.

4. [Investigation Conference Room \(room 202\)](#)

The second floor Investigation Conference Room will be supplied with a wall-mounted 75-inch 4K Interactive Display. A Small Form Factor PC meeting these minimum requirements; Intel NUC small form factor with 6 core i7 processor, 64gb DDR4 RAM, Thunderbolt 3, 4K support, 500gb SSD, will be installed along with a Wireless Keyboard/Mouse

Audio will come from the Display.

No other audio or video is included.

5. [Command Staff Conference Room \(room 210\)](#)

The second floor Command Staff Conference Room will be equipped with a wall-mounted 75-inch 4K Interactive Display and a Poly X50 Video 323/SIP

Conferencing System containing a 5x Zoom PTZ camera with 120-degree FOV and UHD 4K Resolution, Automatic Group Framing, Automatic speaker Tracking, microphone, and stereo speakers. Control of the camera system will be via an 8-inch Touch Panel. A Small Form Factor PC meeting these minimum requirements; Intel NUC small form factor with 6 core i7 processor, 64gb DDR4 RAM, Thunderbolt 3, 4K support, 500gb SSD, will be installed along with a Wireless Keyboard/Mouse for initiating web-based video conferencing. A Poly IP Conferencing Phone will be installed.

6. [Roll Call Room \(room 212\)](#)

The second floor Roll Call Room will be equipped with a wall-mounted 75-inch 4K Interactive Display. A Small Form Factor PC meeting these minimum requirements; Intel NUC small form factor with 6 core i7 processor, 64gb DDR4 RAM, Thunderbolt 3, 4K support, 500gb SSD, will be installed along with a Wireless Keyboard/Mouse.

7. [Patrol Bullpen \(room 216\)](#)

The second floor Bullpen will be equipped with a wall-mounted 65-inch UHD 4K Commercial Display for viewing Client provided CATV (Cable TV) service and digital signage provided by customer.

8. [Gymnasium \(room 309\)](#)

The third floor Gymnasium will be equipped with a wall-mounted 65-inch UHD 4K Commercial Display receiving a feed from a customer provided CATV service.

9. [Chiefs Conference Room \(room 330\)](#)

The third floor Chiefs Conference Room will be equipped with a wall-mounted 65-inch 4K Interactive Display and a Poly X50 Video 323/SIP Conferencing System containing a 5x Zoom PTZ camera with 120-degree FOV and UHD 4K Resolution, Automatic Group Framing, Automatic speaker Tracking, microphone, and stereo speakers. Control of the camera system will be via an 8-inch Touch Panel. A Small Form Factor PC meeting these minimum requirements; Intel NUC small form factor with 6 core i7 processor, 64gb DDR4 RAM, Thunderbolt 3, 4K support, 500gb SSD, will be installed along with a Wireless Keyboard/Mouse for initiating web-based video conferencing. An HDMI over CAT Transmitter/Receiver will be supplied to connect a second source to the display. A Poly IP Conferencing Phone will be installed.

10. [Itemized Equipment Lists](#)

Equipment may be replaced with an equivalent part. Describe in detail the reason for replacement and how it is an equivalent model.

See detailed list in tables below.

### Training Room

	<i>Qty</i>	<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	1	Interactive Pen Display Tablet	Smart	sp624p
2	4	75-inch UHD 4K Commercial Display	LG	75US340C0UD
3	4	Wall-mount	Chief	XTM1U
4	1	6 x 6 HDMI to HDBaseT 4K Matrix Switcher	Atlona	AT-UHD-PRO3-66M
5	4	HDMI Receiver w/IR and RS232	Atlona	AT-UHD-EX-70C-RX
6	2	Host Side USB to IP Adapter	Atlona	AT-OMNI-311
7	2	HDBaseT Transmitter with	Atlona	AT-OME-EX-TX
8	2	HDMI Over HDBaseT Receiver	Atlona	AT-OME-EX-RX
9	9	Ceiling Speaker	Crestron	SAROS IC6T-W-T-EACH
10	1	120W Amplifier	Atlona	AT-GAIN-120
11	10	LinkConnect 1 Meter HDMI to HDMI Cable	Atlona	AT-LC-H2H-1M
12	1	Black 8-inch Velocity Control Touch Panel	Atlona	AT-VTP-800-BL
13	1	Atlona Velocity Gateway for 3 Rooms	Atlona	AT-VGW-HW-3
14	1	Wireless Presentation Receiver	Atlona	AT-WAVE-101
15	1	Tabletop Kit	Atlona	AT-VTP-TMK
16	1	12-Port DSP with Phone and AEC	BiAmp	TesiraFORTÉ AVB VT
17	1	24 Port PoE Switch	Netgear	GSM4230PX
18	1	PM-400 Pedestal Lectern	Exact	PM-400
19	1	25U Locking AV Equipment Rack	MA	BGR-25SA27MDK-EA
20	2	Surge Protection Horizontal Power Strip	MA	PD-915R-SP
21	1	Intel Nuc i7 core 4.7mghz	Intel	NUC10i7FNH1
22	2	Wireless Lapel Microphone	Shure	SLXD14/93-J52

### Investigation Conference Room

	<i>Qty</i>	<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	1	75-inch 4K Interactive Display	Promethean	AP7E-U75-NA-1
2	1	Intel Nuc i7 core 4.7mghz	Intel	NUC10i7FNH1
3	1	Trio C60 IP Phone	Poly	2200-86240-025
4	1	Power Supply	Poly	2200-86680-001

### Command Staff Conference Room

	<i>Qty</i>	<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	1	75-inch 4K Interactive Display	Promethean	AP7E-U75-NA-1
2	1	Poly X50 Conferencing Bar with Touch	Poly	2200-86270-001
3	1	Intel Nuc i7 core 4.7mghz	Intel	NUC10i7FNH1
4	1	Wireless Keyboard/Mouse	Logitech	9SIAX90DX57177

### Roll Call Conference Room

	<i>Qty</i>	<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	1	75-inch 4K Interactive Display	Promethean	AP7E-U75-NA-1
2	1	Intel Nuc i7 core 4.7mghz	Intel	NUC10i7FNH1
3	1	Wireless Keyboard/Mouse	Logitech	9SIAX90DX57177

**Patrol Bullpen**

<i>Qty</i>		<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	1	65-inch UHD 4K Commercial Display	LG	65UR340C9UD
2	1	Wall-mount	Chief	LTM1U

**Chiefs Conference Room**

<i>Qty</i>		<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	1	65-inch UHD 4K Commercial Display	LG	65UR340C9UD
2	1	Wall-mount	Chief	LTM1U
3	1	Poly X50 Conferencing with Touch screen	Poly	2200-86270-001
4	1	Intel Nuc i7 core 4.7mghz	Intel	NUC10i7FNH1
5	1	Wireless Keyboard/Mouse	Logitech	9SIAX90DX57177
6	1	Trio C60 IP Phone	Poly	2200-86240-025
7	1	Power Supply	Poly	2200-86680-001

**Crime Analyst/PIO Room**

<i>Qty</i>		<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	2	43-inch UHD 4K Commercial Display	LG	43UR340C9UD
2	2	Wall-mount	Chief	MTM1U

**Gymnasium**

<i>Qty</i>		<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	1	65-inch UHD 4K Commercial Display	LG	65UR340C9UD
2	1	Wall-mount	Chief	LTM1U

**Breakroom**

<i>Qty</i>		<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	2	55-inch UHD 4K Commercial Display	LG	55UR340C9UD
2	2	Wall-mount	Chief	MTM1U

**Lobby**

<i>Qty</i>		<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	1	55-inch UHD 4K Commercial Display	LG	55UR340C9UD
2	1	Wall-mount	Chief	MTM1U

**Support**

<i>Qty</i>		<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	1	Warranty/Support, Year 1		<i>Included</i>
1	1	Warranty/Support, Year 2		<i>Option 1</i>
1	1	Warranty/Support, Year 3		<i>Option 2</i>

## B. Fire Department Specifications

### 1. Lobby (room 101)

The Lobby Area will be equipped with one (1) wall-mounted 55-inch UHD 4K Commercial Displays with HDMI over CAT Transmitter/Receiver will be supplied to connect a source to the display.

### 2. AB Training Room (room 108)

The Training Room will be a divisible room and can be operated as one large room or two (2) separate rooms with simultaneous meetings/events. Each half will be equipped with two (2) wall-mounted 75-inch UHD 4K Commercial Displays and a Smart Interactive Pen Display Tablet. Sources to be displayed include a room PC, Laptop PC, four (4) wall-mounted Professional USB 2.0 PTZ Cameras (Black), and Wireless Presentation. The four (4) cameras will feed an IP to USB Adapter. The sources will be fed to a 6 In x 6 Out Matrix Switcher. Sources will be transmitted to the switcher by HDMI over CAT Transmitters four (4) Beamforming Ceiling Pendant Microphones will be supplied and installed in each half of the space, and all eight (8) microphones will be connected to a Digital Signal Processor for web conferencing and audio calls.

Two (2) stand up Podiums will be provided, one for each half of the space. The podiums will include a connection point for a laptop or PC and a podium Microphone. Control of the source switching and audio calling will be through an 8-inch Touch Panel residing at the podium. Two (2) wireless lavalier microphones will be installed for voice reinforcement and web conferencing.

A 25 Rack Unit Equipment Rack will be provided for housing equipment.

Two (2) small form factor PCs will be installed at rack. These PCs will meet the following minimum requirements: 6 core i7 processor, 64gb DDR4 RAM, Thunderbolt 3, 4K support, 500gb SSD, wireless keyboard and mouse for initiating web-based video conferencing,

### 3. Simulator Training

The Simulator Training Room will be supplied with a wall-mounted HD Camera to send signal to the Training Room. An HDMI and USB Transmitter will be provided to send camera signal to the Training Room. An HDBase T Receiver will be provided to accept signal from the Training Room, for overflow situations, and reside behind the display. A microphone will be installed for audio back to training room.

### 4. Chiefs Conference Room (room 114)

The Chiefs Conference Room will be equipped with a wall-mounted 65-inch 4K Interactive Display and a Video Bar Kit containing a 5x Zoom PTZ camera with 120-degree FOV and UHD 4K Resolution, microphone, and stereo speakers. A small form factor PC will be provided meeting the following minimum requirements: 6 core i7 processor, 64gb DDR4 RAM, Thunderbolt 3, 4K support,

500gb SSD, wireless keyboard and mouse for initiating web-based video conferencing,

5. [Chiefs Office \(room 115\)](#)  
The Chiefs office will be equipped with one (1) 55-inch wall-mounted 55-inch UHD 4K Commercial Display for receiving a feed from a client provided CATV (Cable TV) service.
6. [Interview Room \(room 119\)](#)  
The Interview Room will be equipped with a Recording Interview System. The main components of the Recording Interview System include an IP Camera, Microphone, Amplified Speaker, and Digital Recorder.
7. [Fitness Area \(room 129\)](#)  
The Fitness Area will be equipped with two (2) wall-mounted 55-inch UHD 4K Commercial Displays for receiving a feed from a client provided CATV (Cable TV) service.
8. [Dining \(room 130\)](#)  
The Dining area will be equipped with two (2) wall-mounted 65-inch UHD 4K Commercial Display and installed for receiving a feed from a client provided CATV (Cable TV) service.
9. [Captains Office and Duty Chief \(rooms 152, 155, 158\)](#)  
The Captains Office and Assistant Chief office will each be equipped with one (1) 43-inch UHD Display wall-mounted for client provided CATV (Cable TV) service. A total of three (3) 43-inch Displays.
10. [Low Bay Area \(room 176\)](#)  
The Low Bay Area will be equipped with a wall-mounted 86-inch UHD 4K Commercial Display for receiving a feed from a client provided CATV (Cable TV) service.
11. [Itemized Equipment Lists](#)  
Equipment may be replaced with an equivalent part. Describe in detail the reason for replacement and how it is an equivalent model.

See detailed list in tables below.

#### Lobby

Qty		Description	Mfg.	Model/Part
1	1	55-inch UDH 4K Commercial Display-	LG	55UR340C9UD
2	1	Wall Mount	Chief	MTM1U
3	1	Cable Connectors Hardware	vendor	vendor
4	1	HDMI TX over HDbt	Atlona	AT-UHD-EX-70C-TX
5	1	HDMI RX over HDbt	Atlona	AT-UHD-EX-70C-RX

### AB Training

	<i>Qty</i>	<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	2	Interactive Pen Display Tablet	Smart	sp624p
2	4	75-inch UHD 4K Commercial Display	LG	75US340C0UD
3	4	Wall Mount	Chief	XTM1U
4	1	6 x 6 HDMI to HDBaseT 4K Matrix Switcher	Atlona	AT-UHD-PRO3-66M
5	4	HDMI Receiver w/IR and RS232	Atlona	AT-UHD-EX-70C-RX
6	2	Host Side USB to IP Adapter	Atlona	AT-OMNI-311
7	2	Device Side IP to USB Adapter	Atlona	AT-OMNI-324
8	4	HDBaseT Transmitter with USB,HDMI,232/POE	Atlona	AT-OME-EX-TX
9	4	HDMI Over HDBaseT Receiver	Atlona	AT-OME-EX-RX
10	4	Professional USB 2.0 PTZ Camera - Black	Atlona	AT-HDVS-CAM
11	2	120W Amplifier	Atlona	AT-GAIN-120
12	10	LinkConnect 1 Meter HDMI to HDMI Cable	Atlona	AT-LC-H2H-1M
13	2	Black 8-inch Velocity Control Touch Panel	Atlona	AT-VTP-800-BL
14	1	Atlona Velocity Gateway for 3 Rooms	Atlona	AT-VGW-HW-3
15	2	Wireless Presentation Receiver	Atlona	AT-WAVE-101
16	2	Tabletop Kit	Atlona	AT-VTP-TMK
17	2	12-Pport DSP with Phone and AEC	BiAmp	TesiraFORTÉ DAN VT
18	4	2x2 Microphone-Ceiling beamforming	Shure	MXA910W-US
19	12	6.5-inch Ceiling Speaker	Crestron	SAROS IC6T-W-T-EACH
20	1	24 port POE AV Switch	Netgear	GSM4230PX
21	2	Stand-up Lectern with Mic and Articulating	Exact	PM-400
22	2	Lectern Microphone	Shure	MX418D/C
23	1	25U Locking AV Equipment Rack	MA	BGR-25SA27MDK-EA
24	2	Surge Protection Horizontal Power Strip	MA	PD-915R-SP
25	2	Intel Nuc i7 core 4.7mghz	Intel	NUC10i7FNH1
26	2	Wireless lavalier microphones	Shure	SLXD14/93-J52

### Simulator Training

	<i>Qty</i>	<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	1	Compact 4K Camera with HDMI Output	Marshall	CV380-CS
2	1	Lens 3.8-16mm lens	Marshall	CS-3816-8MP
3	1	HDMI and USB Transmitter	Atlona	AT-OME-SW21-TX-WPC
4	1	HDMI and USB Receiver	Atlona	AT-OME-EX-RX
5	1	HDMI Cable-3-foot	Crestron	CBL-HD-3
6	1	Beamtracking Pendant Microphone-Ceiling	Biamp	Parle TCM-1

### Chief's Conference Room

	<i>Qty</i>	<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	1	65-inch 4K Interactive Display	Promethean	AP7E-U65-NA-1
2	1	Poly X50 Conferencing with Touch screen	Poly	2200-86270-001
3	1	Intel Nuc i7 core 4.7mghz	Intel	NUC10i7FNH1
4	1	Wireless Keyboard/Mouse	Logitech	9SIAX90DX57177
5	1	HDMI Cable-3-foot	Crestron	CBL-HD-3

### Interview Room

<i>Qty</i>	<i>Description</i>	<i>Mfg.</i>
1	Recording Interview System, containing:	Alibi Security
2	1 ALI-QVR5116H Alibi 5000 Series 16 Channel 1080p/960H HD-	Alibi Security
3	1 HDD2SHP 2TB SATA Hard Disk Drive (pre-installed in recorder)	
4	1 24LGLED Alibi 24 Inch 1080p Full-HD Widescreen Security-	
5	1 AVSI-SW Activation switch for interview room recording	
6	1 AVSI-KIT Kit includes Interview Room audio system and cables	
7	1 ALI-TS2112VR Alibi 2.0 Megapixel HD-TVI 130-foot IR WDR	
8	2 DC12-1000R 12 Vdc 1A regulated power adapter	
9	1 EXT100 100 f t Video/Audio/Power extension cable	
10	1 UPS-1000 1000 VA Uninterruptible Power Supply	Tripplite
11	2 AVSI-SPEAKER Powered stereo speaker se	
12	1 UPS-1000 1000 VA Uninterruptible Power Supply	Tripplite

### Dining

<i>Qty</i>	<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	2 65-inch UHD 4K Commercial Display	LG	65UR340C9UD
2	2 Wall Mount	Chief	LTM1U
3	2 HDMI Cable-3-foot	Crestron	CBL-HD-3

### Chief's office

<i>Qty</i>	<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	1 55-inch UDH 4K Commercial Display-	LG	55UR340C9UD
2	1 Wall Mount	Chief	MTM1U
3	1 Cable Connectors Hardware	vendor	

### Low Bay Area

<i>Qty</i>	<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	1 86-inch UHD 4K Commercial Display	LG	86UR340C9UD
2	1 Wall Mount	Chief	XTM1U
3	1 HDMI Cable-3-foot	Crestron	CBL-HD-3

### Fitness

<i>Qty</i>	<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	2 55-inch UHD Monitor for fitness area	LG	55UR340C9UD
2	2 Wall Mount	Chief	MTM1U

### Captains Office and Duty Chief Office

<i>Qty</i>	<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	3 43-inch UHD 4K Commercial Display	LG	43UR340C9UD
2	3 Wall Mount	Chief	MTM1U



### Support

	<i>Qty</i>	<i>Description</i>	<i>Mfg.</i>	<i>Model/Part</i>
1	1	Warranty/Support, Year 1		<i>Included</i>
2	1	Warranty/Support, Year 2		<i>Option 1</i>
3	1	Warranty/Support, Year 3		<i>Option 2</i>

## IX. Warranty and Customer Service

### A. Support

Describe the support structure, including specific process and procedures. Include the following, both product details and cost method (per hour, per day, included with contract, etc.). Indicate the roles of the manufacturer and reseller in each item.

- i. Support availability, hours, phone or web-based, SLA response time, etc.
- ii. Procedure or process for escalating support issues.
- iii. Options available for onsite support, SLA for appearance or resolution, location of nearest support technicians.
- iv. Options for remote assistance.
- v. Number of employees on staff with expertise in Audio Visual design? Additional staff who can assist, when needed?
- vi. If outside the City of Wheeling, describe in detail how service provider will support the City from afar or onsite, when necessary.
- vii. Describe the process for dealing with failures related to faulty units and system maintenance. What would be expected of District personnel as far as specialized skill required or training for component replacement, etc.?
- viii. Describe the warranty period. Include any annual or recurring fees for maintenance support including firmware, software revisions, new versions of OS, etc.
  - a. Warranties shall take affect at the date of project final completion, which is the date the final punch list is accepted.
- ix. Specify options and requirements for hardware licensing/maintenance, software upgrades, and technical support in 1 year, 3 year and 5-year increments, including any guaranteed pricing models.
  - a. Describe whether each proposed licensing/maintenance agreement is for a named group of devices or for a pool of devices.
  - b. Maintenance & Support shall begin on the date the equipment is installed, not the date it is delivered. Vendor to verify that manufacturer will comply with this requirement.

## X. Application Submission Procedure

- 1. Completed and Signed Application Form (See Attached)**
- 2. Project Descriptions** – Provide a brief overview of the project. (Not to exceed two pages)

3. **Supporting Materials** – These materials should convey the work to be performed in detail listing the labor, shipping and makes, models, parts, supplies of the materials included in the project. Also include all related costs.
4. **Work Plan** – Provide a brief outline of the steps involved in the proposed project with time requirements included. **Project Must Be Completed by stated Deadline.**
5. **Bio or Resume** – Provide any information on the vendor’s support team who will be involved on the project.
6. **References** – Please provide references of at least three (3) current customers and three (3) business that are no longer a customer.
7. **RFP** – All questions contained within this RFP are answered in detail

## XI. Drawings

- A. See Appendix B.

# Application Form

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State, ZIP: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Website: \_\_\_\_\_

**To assure that your application is complete, please check the following:**

- This application is completed and signed
- Project Description is enclosed
- Supporting materials enclosed
- Time Frame/Work Plan is enclosed
- Bios or Resumes
- References
- All questions are answered, in detail, and complete

## **Certification**

I certify that all statements made in this application are true and complete.

Applicant Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## APPENDIX A

## CITY OF WHEELING AND OHIO COUNTY (WEST VIRGINIA) ECONOMIC AND DEMOGRAPHIC DATA



### City of Wheeling:

The City of Wheeling is the County Seat of Ohio County, West Virginia. The City is located in the Northern Panhandle of West Virginia and is 128 miles from the City of Charleston (West Virginia State Capitol), 55 miles from Pittsburgh, Pennsylvania, 120 miles from Columbus, Ohio, and 130 miles from Cleveland, Ohio. Interstate 70 and 470 run through the City east-west. U.S. Route 40, WV Route 2 and U.S. Route 250 also run through the City.



Wheeling is the birthplace of West Virginia, served as the first state capitol and, with the arrival of National Road in 1818, was the primary gateway to early western expansion in the United States.

Completed in 1856, the first suspension bridge of its kind in the world was constructed in Wheeling and, until the completion of the Brooklyn Bridge, was the longest in the country. Today, it is the oldest suspension bridge still in use, though limited, and is a National Landmark. The Historic American Engineering Record has called the Wheeling Suspension Bridge "the most important extant antebellum civil engineering structure in North America."

With a rich history spanning more than 250 years, our city blends decades of architectural design with beautiful West Virginia scenery. Did you know that Wheeling has more Victorian-style buildings than any other city in the United States? The Wheeling Metro Area continually ranks among the safest and most affordable places to live in America.

The City of Wheeling is situated along Interstate 70 in the northern panhandle of West Virginia, less than an hour's drive from the Pittsburgh International Airport, making travel easy and convenient.

Recent years have seen a number of positive projects and developments occur. Downtown living has multiplied with the Boury Lofts and Stone Center Lofts projects, with future development of former Wheeling Pitt Building into loft apartments, new investment in the Health Plan's new headquarters, project expansions at Williams Lea, Centre Market, Orrick, Wheeling Hospital, LaBelle Greene, and WesBanco, to name a few, have created hundreds of new jobs and millions of private sector investment. The City has also invested in its own facilities with the construction of a new Water Treatment Plant, completion of the City's Civic Arena/WesBanco Arena renovation and expansion, numerous park and playground improvements, several sewer and water system improvements, bridge re-construction, a major downtown streetscape project and the upcoming new Fire Department Headquarters Building and the Police Department Building renovation project. The Ohio County Board of Education is currently in the midst of over \$70 million in capital investments into every school in the Ohio County School District. All of these efforts, as well as many others, shows the community commitment for continuing to strive to make Wheeling the best City possible.

Known as the Friendly City, Wheeling has a lot to offer in the way of attractions, restaurants, culture, sports and entertainment – there is truly something for everyone.

City Council:       Rosemary Ketchum  
                          Chad Thalman  
                          Ben Seidler  
                          Jerry Sklavounakis  
                          Ty Thorngate  
                          Dave Palmer

City Mayor:         Glenn Elliott

**Wheeling MSA:**   The City of Wheeling is the largest city in the Wheeling-Belmont County (Ohio) Metropolitan Statistical Area that includes Ohio and Marshall Counties, WV, and Belmont County, OH. Greater Wheeling is generally considered part of the Pittsburgh Tri-State area.

**Ohio County:**

The Ohio County Commission is comprised of three elected commissioners and five independently elected county officials that work together to oversee the fiscal affairs, record keeping, annual budget, levying of real estate taxes, enforcement of state code, and emergency response procedures for the residents of Ohio County.



Commissioners:    Randy Wharton, President  
                          Don Nickerson  
                          Zachary T Abraham

Administrator:     Randy Russell

Population					
Year	City of Wheeling	Wheeling MSA	Ohio County	West Virginia	United States
2015	27,502	144,157	42,969	1,842,050	320,635,163
2016	27,287	142,955	42,629	1,831,023	322,941,311
2017	26,863	141,255	42,001	1,817,004	324,985,539
2018	26,650	140,059	41,705	1,804,291	326,687,501
2019	26,430	138,948	41,411	1,792,147	328,239,523

Source: U.S. Census Bureau

Per Capita Personal Income (\$)				
Year	Ohio County	Wheeling MSA	West Virginia	United States
2015	48,902	40,420	37,036	49,019
2016	53,562	41,503	37,070	50,015
2017	61,380	45,940	38,891	52,118
2018	64,115	49,171	41,154	54,606
2019	64,461	49,301	42,242	56,490

Source: U.S. Department of Commerce, Bureau of Economic Analysis

Average Annual Unemployment Rates (%) - Not Seasonally Adjusted				
Year	Ohio County	Wheeling MSA	West Virginia	United States
2016	5.5	6.9	6.1	5.3
2017	4.7	5.7	5.3	4.8
2018	4.5	5.2	5.2	4.4
2019	4.5	5.4	4.9	3.9
2020	8.4	9.5	8.3	3.6

Source: U.S. Department of Labor, Bureau of Labor Statistics

Average Employment		
	2016	2020
Wheeling MSA	61,100	56,900
Ohio County	19,480	18,720
West Virginia	734,500	726,000

Source: WORKFORCE West Virginia

Largest Employers Ohio County
March 2020
1. WVU Medicine
2. Ohio County Board of Education
3. Williams Lea, Inc.
4. Wesbanco Bank, Inc.
5. Cabela's Wholesale, LLC
6. Tunnel Ridge, LLC
7. Wheeling Park Commission
8. Wheeling Island Gaming, Inc
9. City of Wheeling
10. West Liberty State College

Source: WORKFORCE West Virginia

**Average Annual Employment for Ohio County by Industry**

<b>Average Annual Employment by Industry (2019)</b>	
<b>Industry</b>	<b>Employment</b>
Construction	720
Manufacturing	1,152
Trade, Transportation, and Utilities	5,271
Information	308
Financial Activities	1,566
Professional and Business Services	3,756
Education and Health Services	6,898
Leisure and Hospitality	3,700
Other	1,138
Government	3,351

Source: WORKFORCE West Virginia

<b>Average Weekly Wage (\$)</b>		
	<b>2016</b>	<b>2019</b>
Ohio County	769.86	841.79
West Virginia	799.90	893.05

Source: WORKFORCE West Virginia

<b>Wage per Industry (\$) (2019)</b>		
<b>Industry</b>	<b>Total Wages</b>	<b>Average Weekly Wage</b>
Construction	48,328,021	1,290.81
Manufacturing	60,854,483	1,015.87
Trade, Transportation, and Utilities	194,020,163	707.87
Information	11,013,953	687.68
Financial Activities	90,336,593	1,109.35
Professional and Business Services	192,924,406	987.78
Education and Health Services	335,003,211	933.95
Leisure and Hospitality	73,981,501	384.52
Other	37,091,991	626.81
Government	149,346,131	857.07

Source: WORKFORCE West Virginia

<b>Total Wages (\$)</b>		
<b>Year</b>	<b>Ohio County</b>	<b>West Virginia</b>
2015	1,161,496,340	29,063,859,298
2016	1,161,063,828	28,560,707,319
2017	1,217,266,619	29,626,307,630
2018	1,233,227,414	31,965,019,645
2019	1,240,885,018	32,052,477,697

Source: WORKFORCE West Virginia



## Selected Demographic Information

**Education:** Public and Private Schools:

Ohio County Schools  
Wheeling Catholic Central  
Linsly School

Higher Education Institutions:

West Virginia Business College  
West Virginia Northern Community College  
West Liberty University  
Wheeling University  
Bethany College

**Transportation:** Ohio Valley Regional Transportation Authority  
East Ohio Regional Transportation Authority

**Healthcare:** Doctor's Urgent Care  
East Seals West Virginia  
MedExpress  
Ohio Valley Medical Center  
Peterson Rehabilitation Hospital and Geriatric Center  
Wheeling Hospital  
Wheeling Clinic

**Community:** Ohio County Public Library  
WesBancoArena.com  
CapitolTheatreWheeling.com  
WheelingCVB.com  
WheelingSymphony.org  
Oglebay Institute  
Oglebay-Resort.com  
Children's Museum of the Ohio Valley  
Centre Market  
Wheeling Nailers (East Coast Hockey League)

Source: City of Wheeling

## APPENDIX B

*\* Drawings are solely used for reference and may still have minor changes. Vendor selected will need to coordinate with the general contractor for the latest floor plans.*



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DRAWING STATUS	
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RELEASED FOR:	
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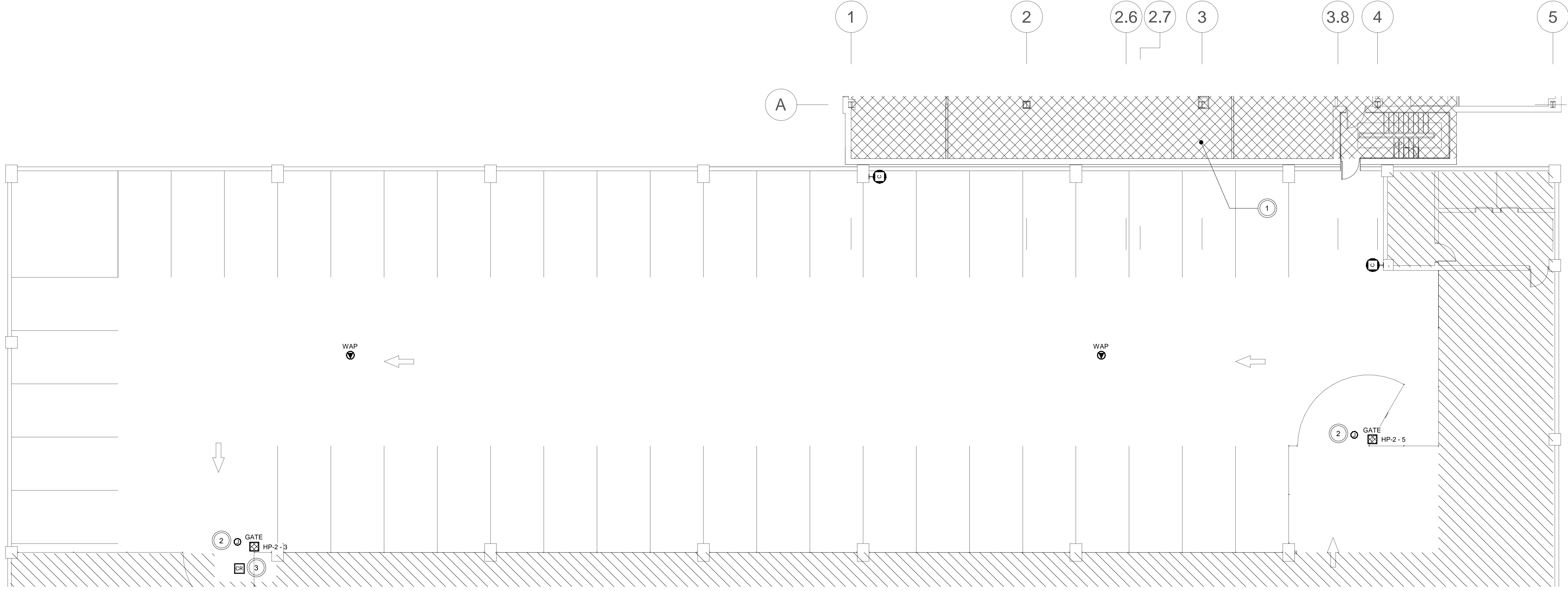
CITY OF WHEELING  
**W.P.D. - VPC RENOVATION**  
 2115 CHAPLINE STREET, WHEELING, WV 26003  
**POWER/SYSTEMS - SECOND AND THIRD FLOOR PARKING DECK - ELECTRICAL**

REVISION	

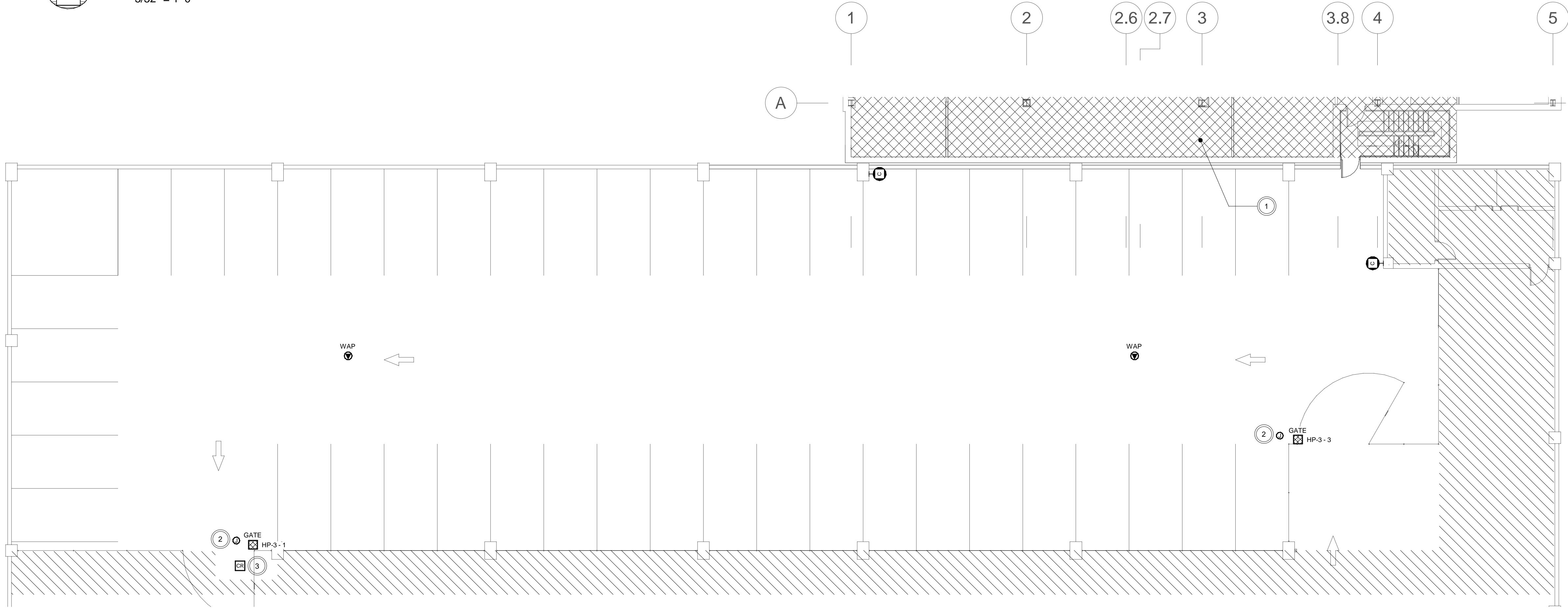
DRAWN BY: CAK	CHECKED BY: JEE
PROJECT NO. 20-108A	
SCALE: AS NOTED	DATE: 05/25/2021

SHEET  
**E3.5**

- | PLAN NOTES  |
|---|
| A. COORDINATE INSTALLATION OF ALL PARKING DECK EQUIPMENT WITH EXISTING LIGHTING, PIPING, ETC. FIELD VERIFY. |
| CODED NOTES   |
| 1. REFER TO OTHER FLOOR PLANS FOR WORK REQUIRED IN CROSS-HATCHED AREA.                                      |
| 2. JUNCTION BOX FOR GATE CONTROL WIRING. PROVIDE 1" CONDUIT BACK TO ACCESSIBLE CEILING SPACE.               |
| 3. CARDREADER FOR GATE ACCESS. EXACT LOCATION SHALL BE DETERMINED IN THE FIELD WITH THE ARCHITECT.          |



**POWER/SYSTEMS - SECOND FLOOR PLAN PARKING DECK - ELECTRICAL**  
3/32" = 1'-0"



**POWER/SYSTEMS - THIRD FLOOR PLAN PARKING DECK - ELECTRICAL**  
3/32" = 1'-0"

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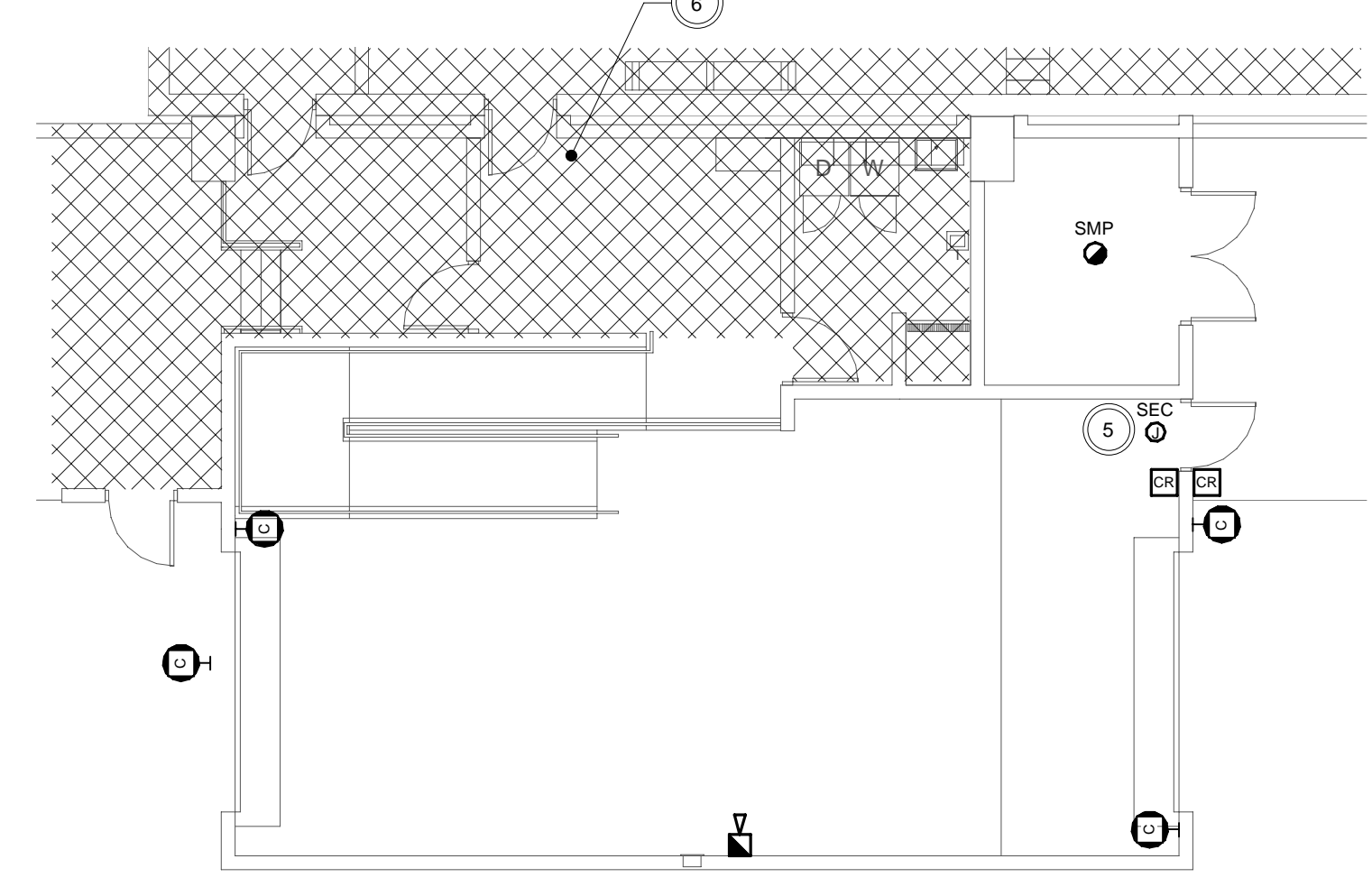
**CODED NOTES**

1. DATA OUTLET INSIDE ELEVATOR CONTROL PANEL. EXTEND 1" CONDUIT FROM CONTROL PANEL TO ACCESSIBLE CEILING SPACE.
2. DATA OUTLET INSIDE FIRE ALARM CONTROL PANEL. EXTEND 1" CONDUIT FROM CONTROL PANEL TO ACCESSIBLE CEILING SPACE.
3. FIRE ALARM DEVICE SHALL BE LOCATED IN SAME LOCATION AS DEMOLISHED DEVICE.
4. MOUNTED AT LOWER LEVEL BY EXIT DOOR (NOT SHOWN).
5. CIRCUIT SHALL MATCH THE BASE BID PLAN.
6. REFER TO BASE BID PLAN FOR WORK IN CROSS-HATCH AREA.
7. DATA OUTLET INSIDE MAIN LIGHTING CONTROLLER. EXTEND 1" CONDUIT FROM CONTROL PANEL TO ACCESSIBLE CEILING SPACE.
8. JUNCTION BOX FOR GATE CONTROL WIRING. PROVIDE 1" CONDUIT BACK TO ACCESSIBLE CEILING SPACE.
9. CARD READER LOCATED ON PEDESTAL. PROVIDE 1" CONDUIT BACK TO ACCESSIBLE CEILING SPACE. COORDINATE CONDUIT ROUTE WITH ARCHITECT.
10. 12" WIDE X 4" DEEP CABLE TRAY.
11. 18" WIDE X 4" DEEP CABLE TRAY.
12. ACTUATORS FOR AUTOMATIC DOOR. COORDINATE FINAL LOCATION WITH ARCHITECT.

**PLAN NOTES**

A. REFER TO SECURED DOOR DETAIL AND DOOR HARDWARE SCHEDULE FOR ACCESS CONTROL ROUGH-IN INFORMATION.

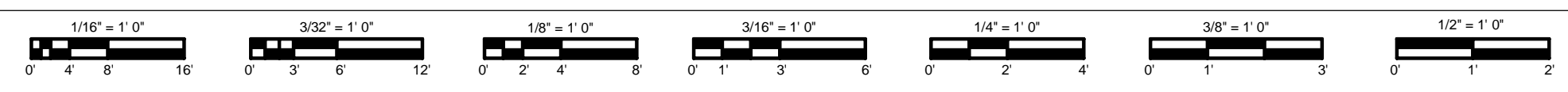
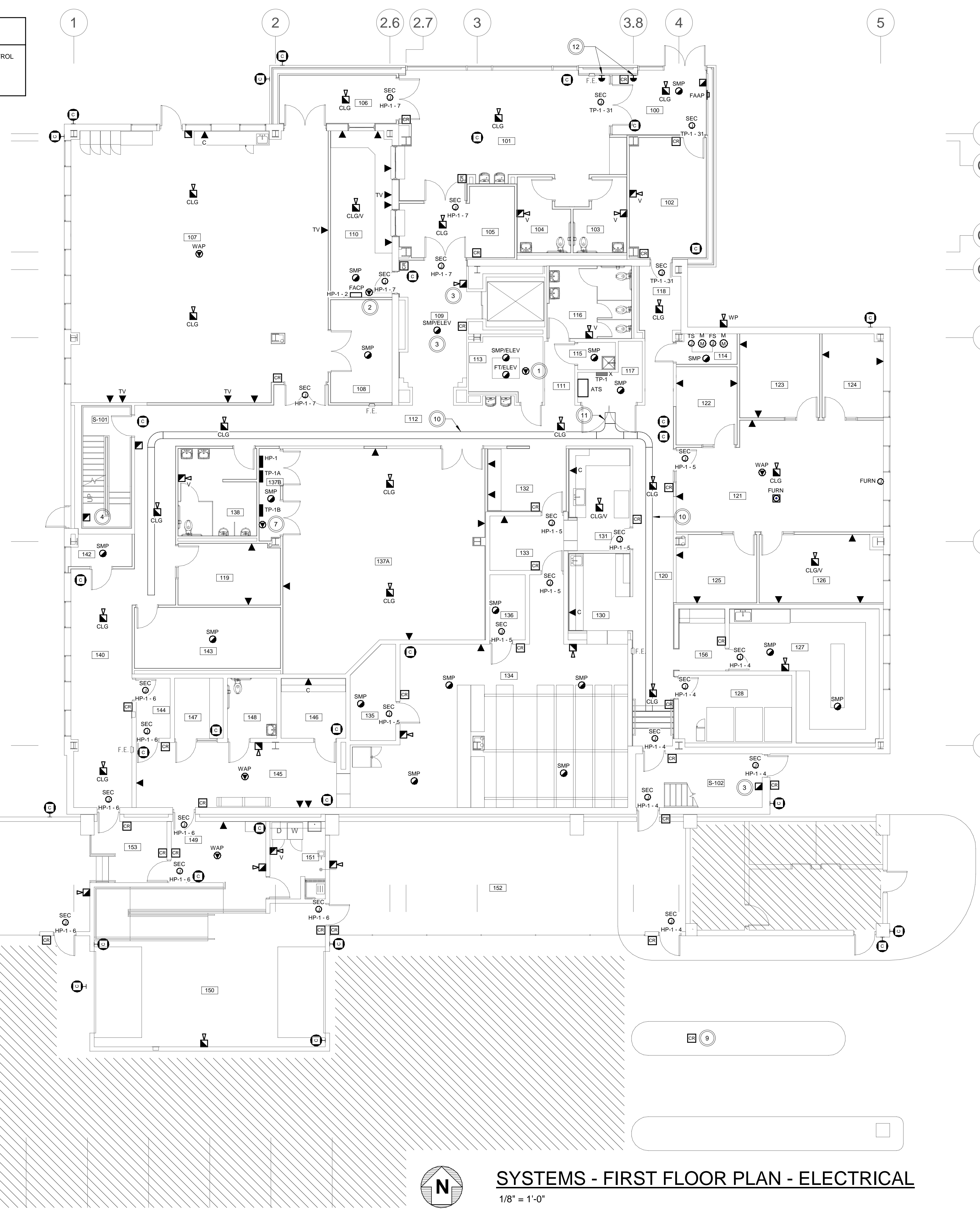
B. COORDINATE FINAL CABLE TRAY LOCATIONS TO AVOID DUCTWORK, PIPING, ETC. AND MAINTAIN ACCESS TO CABLE TRAY.



**ALTERNATE - SYSTEMS - FIRST FLOOR PLAN - ELECTRICAL**  
 1/8" = 1'-0"

**ROOM LEGEND**

100	VESTIBULE
101	HARD LOBBY
102	SAFE ROOM/CONFER.
103	RESTROOM
104	RESTROOM
105	SOFT LOBBY
106	VESTIBULE
107	TRAINING/COMMUNITY ROOM
108	STORAGE
109	ELEVATOR LOBBY
110	RECEPTION
111	CORRIDOR
112	CORRIDOR
113	UTILITY
114	UTILITY
115	JANITOR
116	WOMENS RESTROOM
117	UTILITY
118	CORRIDOR
119	TRAINING OFFICE
120	CORRIDOR
121	CIVILIAN OPEN OFFICE
122	VIC. ADV. OFFICE
123	VIC. ADV. INTERVIEW
124	VIC. ADV. OFFICE
125	HOMELESS LIASON OFFICE
126	HWY SAFETY COORD. OFFICE
127	ARMORY
128	KENNEL
130	BAG & TAG
131	EVIDENCE PROCESSING
132	REPORT WRITING
133	PROPERTY CLERK
134	PROPERTY ROOM
135	WEAPONS CAGE
136	DRUG STORAGE
137A	TRAINING SIMULATION
137B	ELECTRICAL CLOSET
138	MENS RESTROOM
140	CORRIDOR
142	IDF
143	CITIZEN PATROL STORAGE
144	SECURE VEST.
145	PROCESSING
146	INTERVIEW/DUI TESTING
147	TEMP. HOLDING
148	UNISEX RESTROOM
149	SALLY PORT
150	SALLY PORT
151	DECON
152	SECURE AREA
153	STAIR
156	GLN CLEANING
S-101	EXISTING STAIR
S-102	EXISTING STAIR



**SYSTEMS - FIRST FLOOR PLAN - ELECTRICAL**  
 1/8" = 1'-0"

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**PLAN NOTES**

A. REFER TO SECURED DOOR DETAIL AND DOOR HARDWARE SCHEDULE FOR ACCESS CONTROL ROUGH-IN INFORMATION.

B. COORDINATE FINAL CABLE TRAY LOCATIONS TO AVOID DUCTWORK, PIPING, ETC. AND MAINTAIN ACCESS TO CABLE TRAY.

**CODED NOTES**

1. FIRE ALARM DEVICE SHALL BE LOCATED IN SAME LOCATION AS DEMOLISHED DEVICE. CONNECT TO NEW FIRE ALARM WIRING.

2. WIREMOLD TO BE INSTALLED ABOVE COUNTER AT 8" TO CENTERLINE.

3. SERVER ROOM. LINE ALL WALLS WITH FIRE TREATED, 3/4" PLYWOOD COVERED IN LIGHT GRAY PAINT FROM 24" AFF TO 120" AFF. PROVIDE TELECOMMUNICATIONS GROUND BAR PER DETAIL. PROVIDE CONDUIT STUBS AS REQUIRED FOR CABLE ACCESS INTO ROOM - COORDINATE LOCATIONS WITH TELECOM CONTRACTOR.

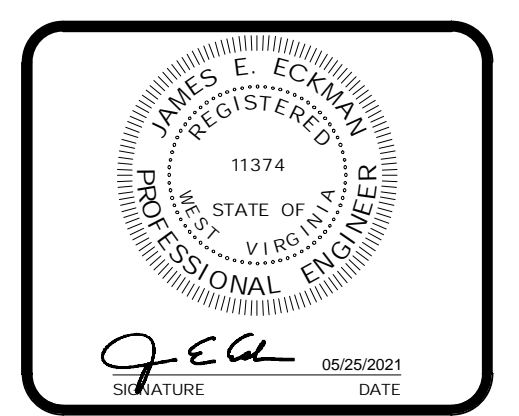
4. 12" WIDE X 4" DEEP CABLE TRAY.

5. 18" WIDE X 4" DEEP CABLE TRAY.

6. REFER TO DRAWING E3.5 FOR WORK IN THE PARKING GARAGE.



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**DRAWING STATUS**

DESIGN STAGE:

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- CONSTRUCTION DRAWINGS

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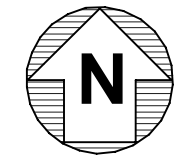
- REVIEW
- BIDDING
- CONSTRUCTION

**CITY OF WHEELING**  
**W.P.D. - VPC RENOVATION**  
 2115 CHAPLINE STREET, WHEELING, WV 26003  
**SYSTEMS - SECOND FLOOR PLAN - ELECTRICAL**

**ROOM LEGEND**

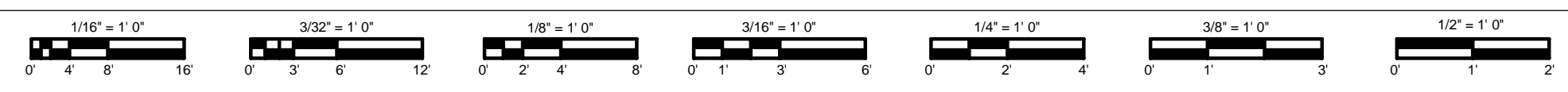
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201	ELEVATOR LOBBY
202	CORRIDOR
203	CORRIDOR
204	UTILITY
205	RESTROOM
206	UTILITY
207	UTILITY
208	CORRIDOR
209	RESTROOM
210	CONFERENCE
211	CORRIDOR
212	ROLL CALL BRIEFING
213	SEC. FILE STORAGE
214	MAIL/COPY ROOM
216	PATROL BULLPEN
217	SUP. OFFICE
218	PATROL STORAGE
219	MEETING ROOM
220	STAFF SGT. OFFICE
221	STORAGE
222	CMDR. OFFICE
223	CMDR. OFFICE
224	CMDR. OFFICE
225	PATROL STORAGE
226	DUTY LOCKERS
227	SERVER R.T.
228	SWAT STORAGE
229	STORAGE/UTILITY
231	INVEST. BULLPEN
232	CONFERENCE
233	ICAC OFFICE
234	CMDR. OFFICE
235	DEP. CHIEF OFFICE
236	INTERVIEW
237	BACKGROUND CHECK
238	INTERVIEW
S-201	EXISTING STAIR
S-202	EXISTING STAIR

**SYSTEMS - SECOND FLOOR PLAN - ELECTRICAL**  
 1/8" = 1'-0"



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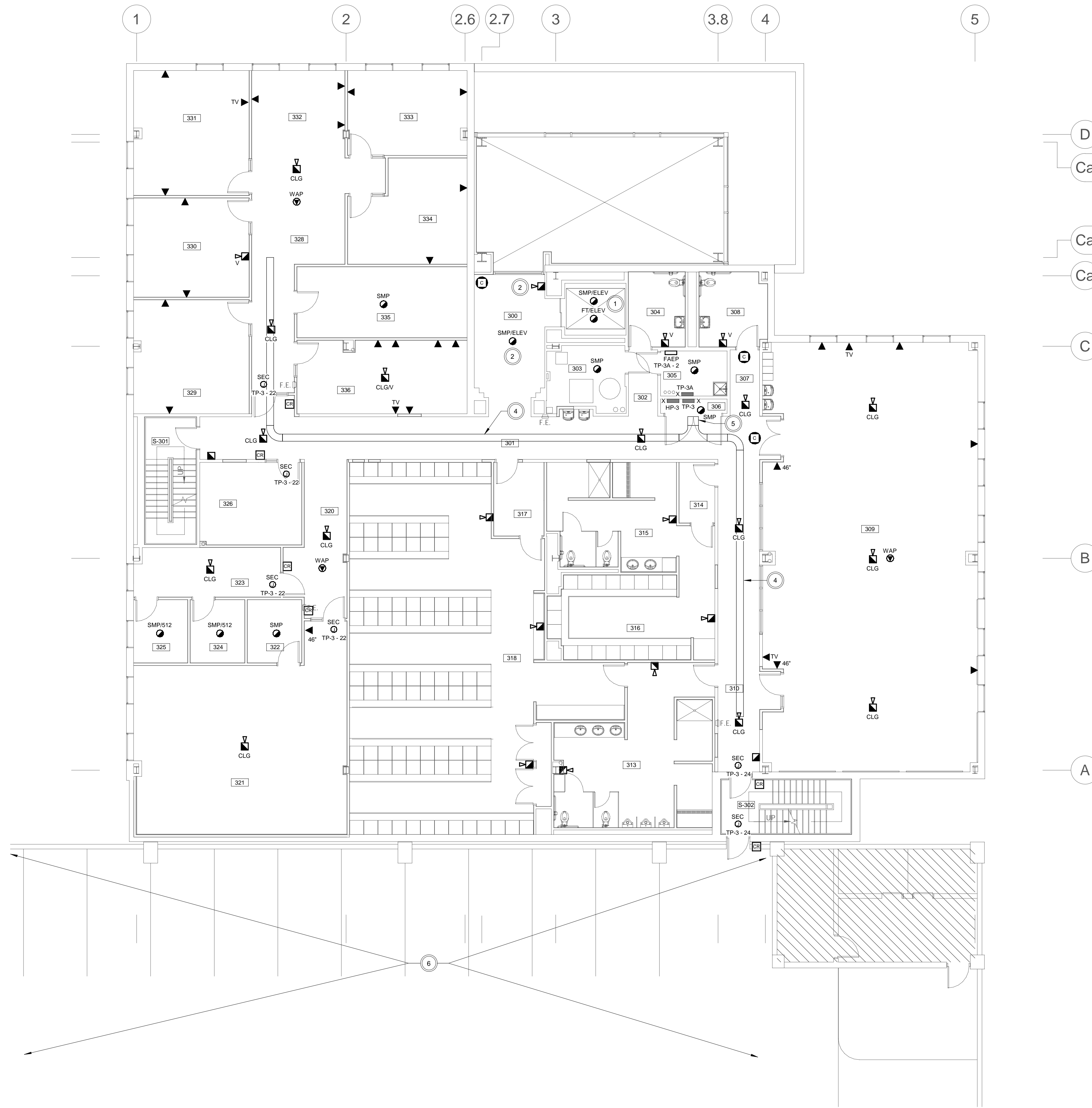
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**REVISION**


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 CHECKED BY: JEE  
 PROJECT NO. 20-108A  
 SCALE: AS NOTED  
 DATE: 05/25/2021

SHEET  
**E4.2**



**PLAN NOTES**

A. REFER TO SECURED DOOR DETAIL AND DOOR HARDWARE SCHEDULE FOR ACCESS CONTROL ROUGH-IN INFORMATION.

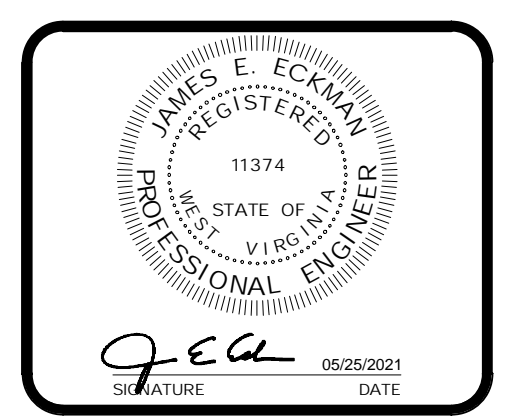
B. COORDINATE FINAL CABLE TRAY LOCATIONS TO AVOID DUCTWORK, PIPING, ETC. AND MAINTAIN ACCESS TO CABLE TRAY.

**CODED NOTES**

1. DEVICES MOUNTED AT TOP OF ELEVATOR SHAFT. HEAT DETECTOR SHALL BE LOCATED WITHIN 24" OF SPRINKLER HEAD.
2. FIRE ALARM DEVICE SHALL BE LOCATED IN SAME LOCATION AS DEMOLISHED DEVICE. CONNECT TO NEW FIRE ALARM WIRING.
3. EXTEND 1" CONDUIT FROM DEVICE TO NEAREST ACCESSIBLE CEILING SPACE.
4. 12" WIDE X 4" DEEP CABLE TRAY.
5. 18" WIDE X 4" DEEP CABLE TRAY.
6. REFER TO DRAWING E3.5 FOR WORK IN THE PARKING GARAGE.



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**DRAWING STATUS**

DESIGN STAGE:

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- CONSTRUCTION DRAWINGS

RELEASED FOR:

- REVIEW
- BIDDING
- CONSTRUCTION

**CITY OF WHEELING**  
**W.P.D. - VPC RENOVATION**  
 2115 CHAPLINE STREET, WHEELING, WV 26003  
**SYSTEMS - THIRD FLOOR PLAN - ELECTRICAL**

**ROOM LEGEND**

300	ELEVATOR LOBBY
301	CORRIDOR
302	CORRIDOR
303	UTILITY
304	RESTROOM
305	UTILITY
306	UTILITY
307	CORRIDOR
308	RESTROOM
309	FITNESS
310	CORRIDOR
313	MEN'S RESTROOM/SHOWERS
314	VESTIBULE
315	WOMEN'S RESTROOM/SHOWERS
316	WOMEN'S LOCKERS
317	VESTIBULE
318	MEN'S LOCKERS
320	CORRIDOR
321	DEFENSIVE TACTICS
322	STORAGE
323	VESTIBULE
324	BUNK
325	BUNK
326	BACKUP DISPATCH
328	WAITING AREA
329	PROF. STANDARD OVERSEER OFFICE
330	CONFERENCE
331	CHIEF OF POLICE
332	CHIEF ADMIN ASSISTANT
333	DEP. CHIEF OFFICE
334	SP. OP CMDR OFFICE
335	SECURE FILE STORAGE
336	PUBLIC INFO/CRIME ANALYST OFFICE
S-301	EXISTING STAIR
S-302	EXISTING STAIR

**REVISION**


DRAWN BY: CAK  
 CHECKED BY: JEE

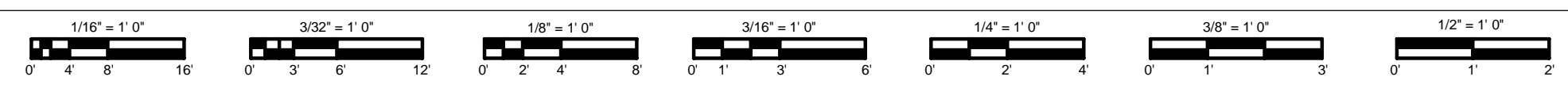
PROJECT NO. 20-108A

SCALE: AS NOTED  
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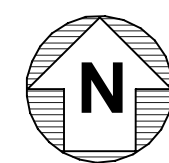
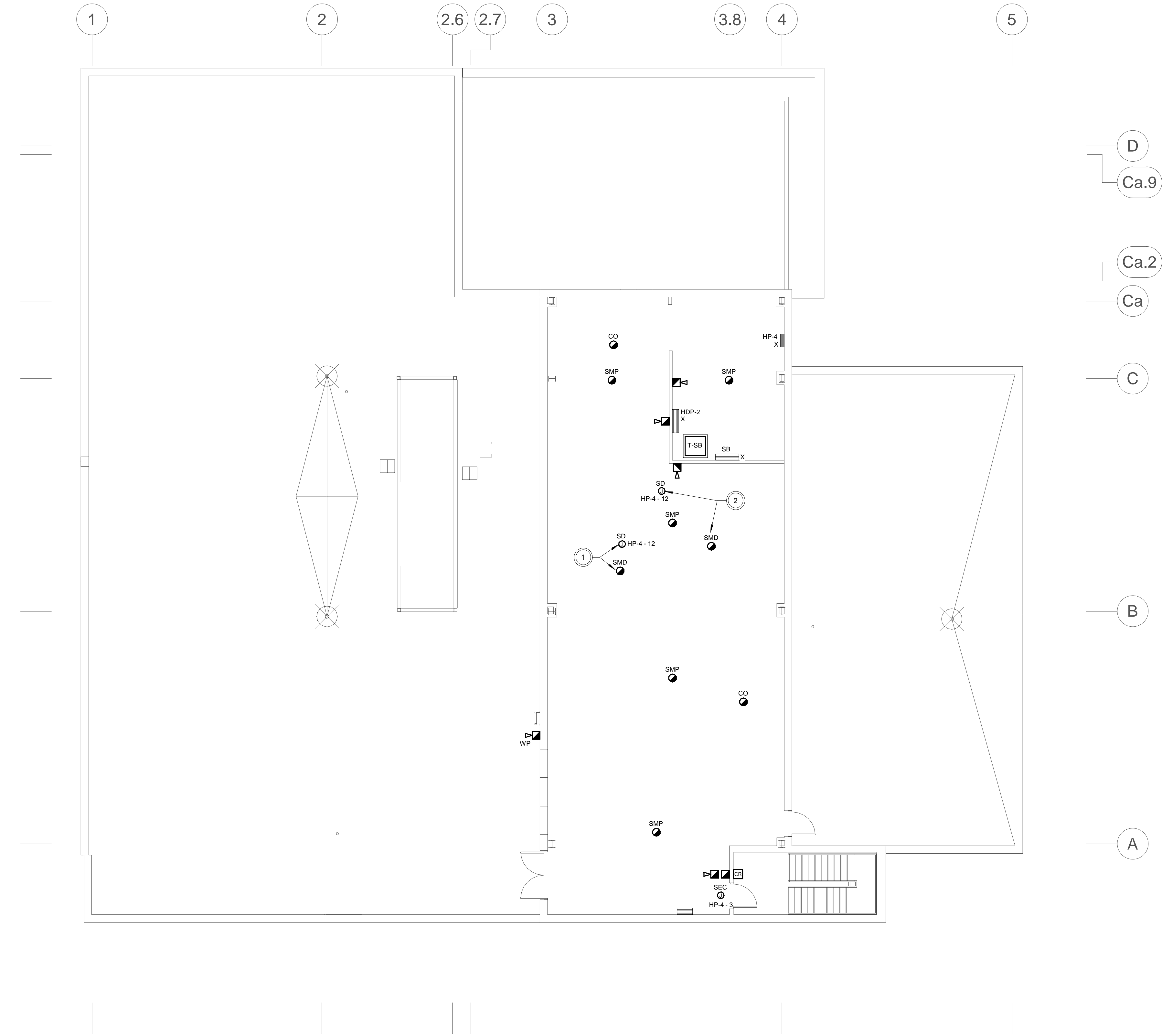
SHEET  
**E4.3**

**SYSTEMS - THIRD FLOOR PLAN - ELECTRICAL**  
 1/8" = 1'-0"

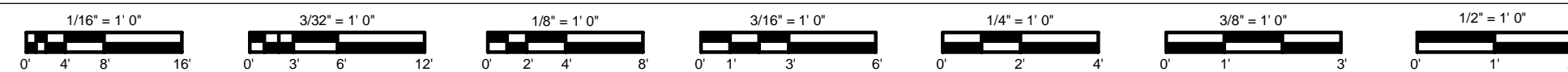
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**SYSTEMS - ROOF PLAN - ELECTRICAL**  
1/8" = 1'-0"



**PLAN NOTES**

A. REFER TO SECURED DOOR DETAIL AND DOOR HARDWARE SCHEDULE FOR ACCESS CONTROL ROUGH-IN INFORMATION.

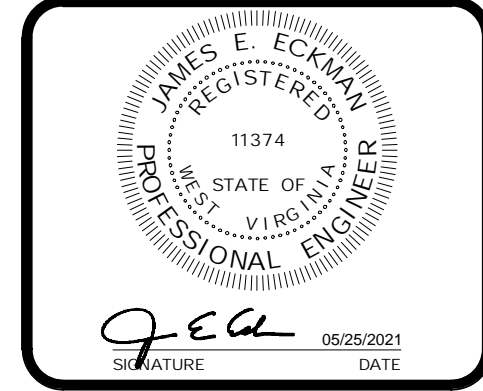
**CODED NOTES**

1. SMOKE DAMPER AND DUCT DETECTOR LOCATED ON AHU-1 MAIN SUPPLY DUCT. COORDINATE LOCATION WITH MC. REFER TO DETAIL.

2. SMOKE DAMPER AND DUCT DETECTOR LOCATED ON RF-1 MAIN RETURN DUCT. COORDINATE LOCATION WITH MC. REFER TO DETAIL.



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**DRAWING STATUS**

DESIGN STAGE:

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- CONSTRUCTION DRAWINGS

RELEASED FOR:

- REVIEW
- BIDDING
- CONSTRUCTION

**CITY OF WHEELING**  
**W.P.D. - VPC RENOVATION**  
2115 CHAPLINE STREET, WHEELING, WV 26003  
**SYSTEMS - ROOF PLAN - ELECTRICAL**

REVISION	

DRAWN BY: CAK	CHECKED BY: JEE
PROJECT NO. 20-108A	
SCALE: AS NOTED	DATE: 05/25/2021

SHEET  
**E4.4**

REVISION	

DRAWN BY: Author	CHECKED BY: Checker
PROJECT NO: 20-108B	
SCALE: AS NOTED	DATE: 09/23/21

SHEET  
**E3.1**

ROOM LEGEND	ROOM LEGEND
100 VESTIBULE	143 SHOWER ROOM
101 LOBBY	144 BUNK ROOM
102 TREATMENT ROOM	145 SHOWER ROOM
103 RECEPTION	146 LAUNDRY ROOM
104 CORRIDOR	147 IT SERVER ROOM
105 UNISEX R.R.	148 INSPECTOR OFFICE
106 UNISEX R.R.	149 STAFF LOCKERS
107 CORRIDOR	150 SHOWER ROOM
108 TRAINING ROOM	151A HONOR GUARD STOR.
109 TRAINING SIMULATION	151B ELECT. CLOSET
110 STORAGE	152 CAPTAIN OFFICE
111 KITCHENETTE	153 BUNK ROOM
112 WAITING AREA/ADMIN. ASSIST.	154 SHOWER ROOM
113 FILE ROOM	155 CAPTAIN OFFICE
114 CONFERENCE ROOM	156 BUNK ROOM
115 CHIEF OFFICE	157 SHOWER ROOM
116 BUNK ROOM	158 CAPTAIN OFFICE
117 SHOWER ROOM	159 BUNK ROOM
118 INVESTIGATOR OFFICE	160 SHOWER ROOM
119 EVIDENCE	161 REPORT WRITING
120 INVESTIGATOR OFFICE	162 VESTIBULE
121 WORK ROOM	163 CORRIDOR
122 INSPECTOR OFFICE	164 CORRIDOR
123 CORRIDOR	165 CORRIDOR
124 UNISEX R.R.	166 CORRIDOR
125 UNISEX R.R.	167A CORRIDOR
126 EMS OFFICE	167B MECH. CLOSET
127 TRAINING OFFICE	167C ELECT. CLOSET
128 CORRIDOR	168 VESTIBULE
129A FITNESS ROOM	169 CORRIDOR
129B FITNESS STORAGE	170A MECHANICAL ROOM
130 KITCHEN/DINING ROOM	170B ELECTRICAL ROOM
131 UNISEX R.R.	171 UNISEX R.R.
132 JANITOR CLOSET	172 EMS STORAGE
133 STOR.	173A CLEAN/DECON
134 BUNK ROOM	173B SHOW. ROOM
135 SHOWER ROOM	174 TOG LAUNDRY
136 BUNK ROOM	175 QUARTERMASTER
137 SHOWER ROOM	176 LOW VEHICLE BAY
138 BUNK ROOM	177 HIGH APPARATUS BAY
139 SHOWER ROOM	178 TOG
140 BUNK ROOM	179 FIRE EQUIP. STOR.
141 SHOWER ROOM	180 WORKSHOP/TOOL STOR.
142 BUNK ROOM	181 TRAINING TOWER

**PLAN NOTES**

A. ALL DEVICES MOUNTED TO PRE-CAST CONCRETE PANELS SHALL BE SURFACE MOUNTED. COORDINATE ALL LOCATIONS WITH ARCHITECTURAL DRAWINGS.

**CODED NOTES**

1. SERVER ROOM. LINE ALL WALLS WITH FIRE-TREATED, 3/4" PLYWOOD COVERED IN LIGHT GREY PAINT FROM 24" AFF TO 120" AFF. PROVIDE TELECOMMUNICATIONS GROUND BAR PER DETAIL. PROVIDE CONDUIT STUBS AS REQUIRED FOR CABLE ACCESS INTO ROOM. COORDINATE LOCATIONS WITH TELECOM CONTRACTOR.

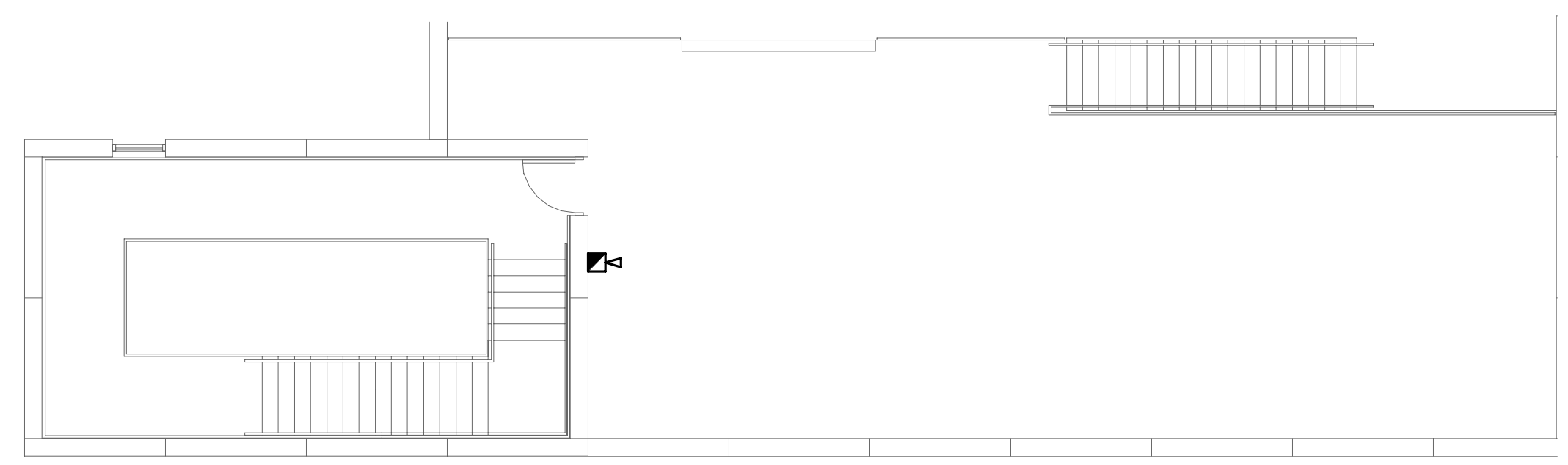
2. DUCT DETECTOR ON RTU-1 RETURN DUCT. COORDINATE LOCATION WITH MC. REMOTE TEST SWITCH TO BE LOCATED ON CEILING.

3. DUCT DETECTOR ON RTU-2 RETURN DUCT. COORDINATE LOCATION WITH MC. REMOTE TEST SWITCH TO BE LOCATED ON CEILING.

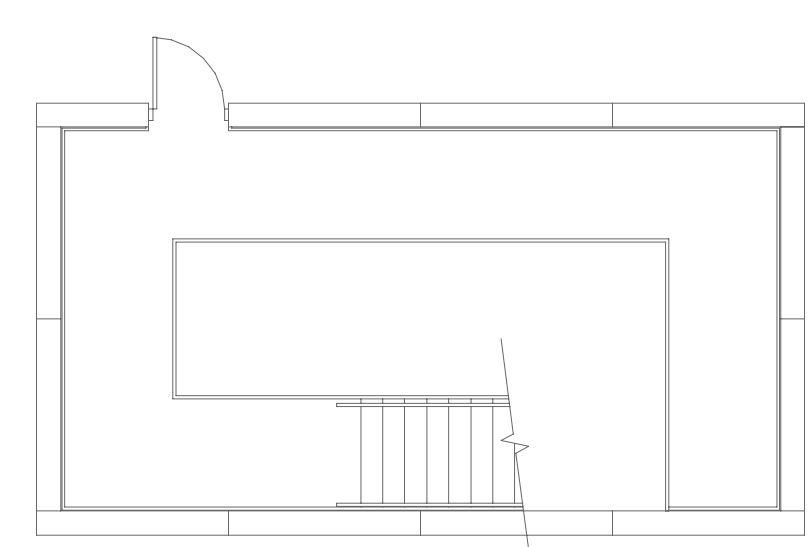
4. TELECOM OUTLET MOUNTED INSIDE FACP. PROVIDE 1" TO ACCESSIBLE CEILING SPACE.

5. TELECOM OUTLET MOUNTED INSIDE LIGHTING CONTROLLER. PROVIDE 1" TO ACCESSIBLE CEILING SPACE.

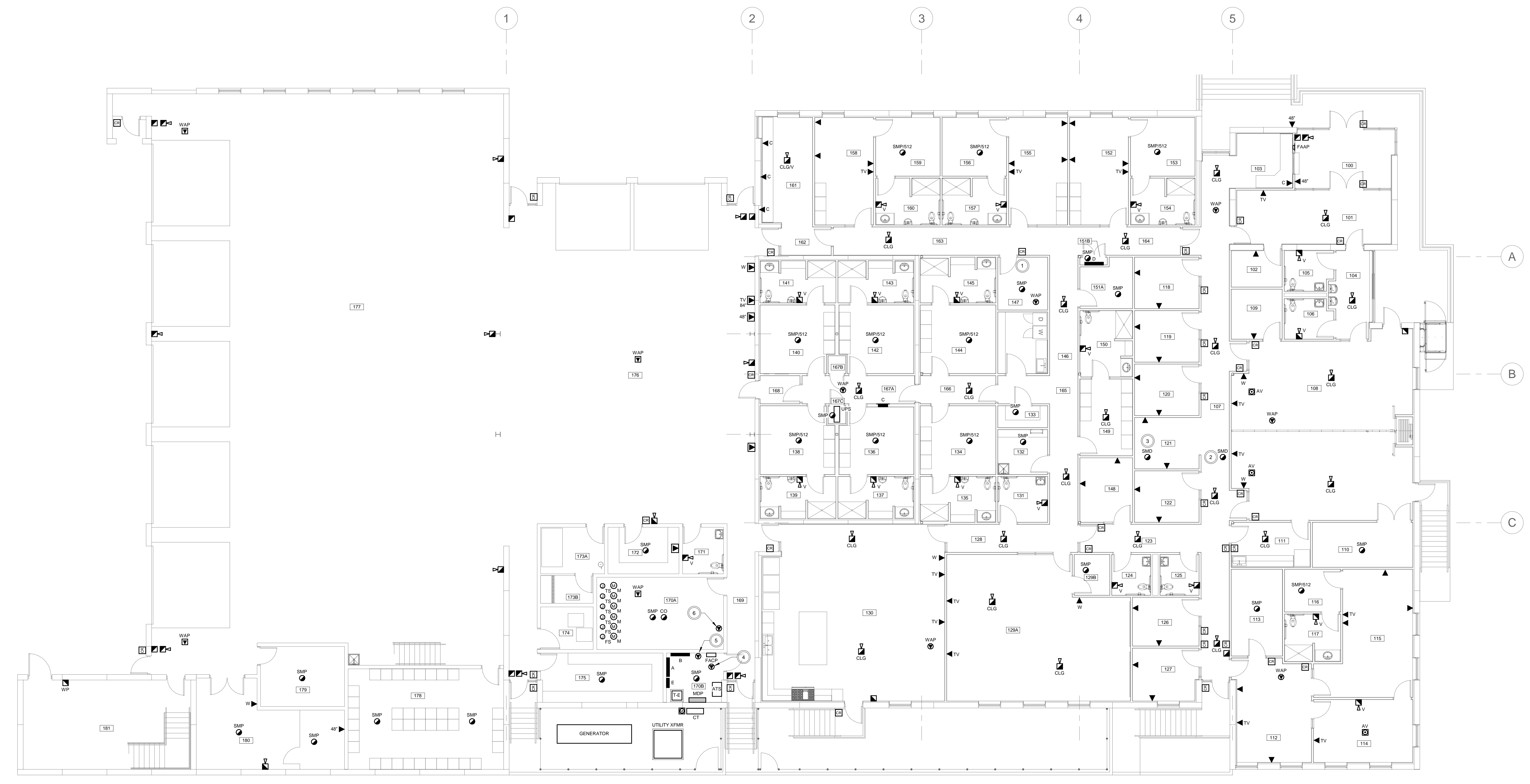
6. TELECOM OUTLET MOUNTED INSIDE TEMPERATURE CONTROL PANEL. PROVIDE 1" TO ACCESSIBLE CEILING.



**SYSTEMS - MEZZANINE FLOOR PLAN - ELECTRICAL**  
 1/8" = 1'-0"



**SYSTEMS - TOWER FLOOR PLAN - ELECTRICAL**  
 1/8" = 1'-0"



**SYSTEMS - FIRST FLOOR PLAN - ELECTRICAL**  
 1/8" = 1'-0"