



# CARROLL COUNTY PUBLIC LIBRARY

*Infinite Possibilities*

## ADMINISTRATIVE OFFICES

1100 Green Valley Road  
New Windsor, MD 21776

410.386.4500 tel.

[library.carr.org](http://library.carr.org)

## Audio Visual Equipment and Installation for Exploration Commons at 50 East

### GENERAL INFORMATION FOR BIDDERS

- A. This request solicits proposals to furnish Carroll County Public Library (CCPL) with audio visual equipment and automation for Exploration Commons at 50 East, located at 50 East Main Street, Westminster, MD 21157.

**OPENING DATE:** **Wednesday, November 25, 2020 at 1:00 PM EST**  
Carroll County Public Library  
1100 Green Valley Road  
New Windsor, MD 21776

**BID:** **Audio Visual Equipment for Exploration Commons**

- B. To be considered, a proposal must be delivered by email to Bob Kuntz, Director of Operations and Innovation, at [rkuntz@carr.org](mailto:rkuntz@carr.org) no later than November 25, 2020 at 12:00 PM EST. ALL bids received after that date and time will not be considered. Use subject line: "CCPL Audio Visual Equipment for Exploration Commons from (company name)". Proposals may also be mailed via certified mail by sending three (3) printed copies to: CCPL, Attn: Bob Kuntz, 1100 Green Valley Road, New Windsor, MD 21776, and must also be received no later than November 25, 2020 at 12:00 PM EST. Please note that faxed copies will not be accepted as bid proposals.
- C. Changes in phraseology, additions or limiting provisions not meeting the attached or noted specifications may cause the rejection of the bid.
- D. In case of doubt as to the meaning or intent of anything shown in the specifications, inquiry should be made to Bob Kuntz, Director of Operations and Innovation, at [rkuntz@carr.org](mailto:rkuntz@carr.org) no later than November 13, 2020 at 4:00 PM EST. Use subject line: "Audio Visual Equipment for Exploration Commons from (company name)". The submission of a proposal shall indicate the bidder thoroughly understands the terms of the specifications.
- E. CCPL reserves the right to reject any and all proposals submitted. Proposals submitted will be evaluated by Exploration Commons staff.

### 1. AWARD OF AGREEMENTS

- A. CCPL will award a contract to the lowest responsible bidder who submits a responsive bid which is most advantageous to Carroll County Public Library.

- B. Trade Discounts on Terms of Payment for prompt payment may be considered in determining the award at the sole discretion of CCPL.
- C. Any other considerations for the award will be stated on the specifications and proposal.
- D. CCPL will send written notice of its award via email to the successful bidder. Said notice shall constitute acceptance of the successful bidder's proposal.
- E. CCPL will notify all unsuccessful bidders via email after the award of the bid.
- F. CCPL reserves the right to reject the bid of the apparent low bidder where the available evidence or information does not satisfy CCPL that the bidder is qualified to carry out properly the terms of the contract.

## 2. RESERVATIONS

- A. CCPL reserves the right to waive any informalities in bidding and to reject any or all bids.
- B. CCPL reserves the right to award agreements or place orders on a lump sum or individual item basis, or such combination as shall, in its judgement, be in the best interest of CCPL.
- C. CCPL shall have the right to take such steps as it deems necessary to determine the ability of the bidder to perform the work; the apparent low bidder, upon request, shall furnish all such information and data for this purpose.

## 3. DELIVERY

Bidders shall guarantee delivery of materials in accordance with the delivery schedule provided in the specifications and proposal.

## 4. COMPETITION

To better ensure fair competition and to permit determination of the lowest bidder:

- A. Bids which show any omission, irregularity, alteration of form, additions not called for, conditional or unconditional unresponsive bids, or bids obviously unbalanced may be rejected.
- B. All bids must be accompanied by such descriptive literature as may be called for by the specifications or proposal.
- C. Specifications provided are based on Library needs and uses, estimated costs of operation and maintenance, and other significant and/or limiting factors to meet Library requirements and consistent with Library policies. Minimum specifications, and maximum specifications where included, are not established arbitrarily to limit competition or to exclude otherwise competitive bidders.

## 5. APPROVED EQUALS

Any request for an approved equal exception to the specifications or protest of the specifications must be fully supported with technical data, test results, or other pertinent information as evidence that the substitute offered is equal to or better than the specification requirement.

## 6. DISPUTES

In cases of disputes as to whether or not an item or service quoted or delivered meets specifications, the decision of the Director of Operations and Innovation or his authorized representatives, shall be final and binding on both parties.

## 7. ERRORS IN EXTENSION

Where the unit price and the extension price are at variance, the unit price will prevail.

## 8. PAYMENT

If the Bidder proceeds properly to perform and complete the terms and conditions of the specifications and contract, CCPL may, at its discretion, from time to time as services are rendered, grant to the bidder an estimate of the amount already earned.

## 9. INSURANCE

The successful bidder shall protect, hold free and harmless, defend and indemnify CCPL, including its officers, agents and employees, free from all liability, penalties, costs, law suits, damages, expenses, death of any person or damage to property of any kind, which injury, death or damage arises out of, or is any way connected with the performance of the work under this contract.

## 10. SPECIFICS

The bidding requirements that are stated in the detailed specifications, the proposal form, or the special provisions will have precedence over the General Information to Bidders.

## 11. ETHICS IN GOVERNMENT

By submitting a bid in response hereto, the bidder acknowledges that it is familiar with the Carroll County Ethics Ordinance (Chapter No. 18 ETHICS, Carroll County Maryland Code of Public Local Laws and Ordinances) and certifies that it has no knowledge of any violation of that ordinance; that it has no knowledge of any conflict of interest which may be caused if it is awarded a contract under the Ethics Ordinance; and that it has not given as a gift (as that term is defined in the Carroll County Ethics Ordinance) to anyone who has or may participate in the awarding of this contract. The requirements of this paragraph should be deemed met by the bidder if a disclosure of any fact which might require disqualification hereunder has been made

to the Carroll County Ethics Commission prior to submission of the bid. Contact the (Carroll) County Attorney's Office if additional information is required.

## 12. BID AWARD PROTEST PROCEDURES

- A. Protests of bid awards must be received by the Director of Operations and Innovation in writing by certified mail not later than seven (7) working days after all potential bidders have been notified of the contract award.

Protests must be fully supported with adequate technical data, test results, or other pertinent information to support the protest. At a minimum, this must include the name and address of the protestor; identification of the project for which the protest is being filed; a statement of the reasons for the protest; supporting exhibits, evidence or documents to substantiate the protest; and a statement of the ruling desired from CCPL.

- B. The decision of CCPL shall be final except in instances of:

- Violations of federal law or regulations; and/or
- Violations of CCPL's protest procedure or the failure of CCPL to review a complaint or protest.

The successful bidder covenants to save, defend, keep harmless and indemnify CCPL and all of its agents and employees (collectively the "Library") from costs and attorney's fees, charge, liability or exposure, however caused, resulting from or arising out of or in any way connected with the Contractor's performance or non-performance of the terms of the Contract Documents or its obligations under the Contract. This indemnification shall continue in full force and effect until the Contractor completes all of the work required under the Contract, except the indemnification shall continue for all claims, including latent defects or completed operations after final acceptance of the work by CCPL for which CCPL gives notice to the Contractor after CCPL's final acceptance of the work.

## **NONDISCRIMINATION IN EMPLOYMENT**

(Contract Provisions)

During the performance of this agreement, the contractor or vendor agrees as follows:

- A. The Contractor or vendor will not discriminate against any employee or applicant for employment because of race, creed, color or national origin. The contractor or vendor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, creed, color, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion or transfer; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor or vendor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contractor or vendor setting forth the provisions of this nondiscrimination clause.

- B. The contractor or vendor shall, in all solicitations or advertisements for employees placed by or on behalf of the contractor or vendor, state that all qualified applicants will receive consideration for employment without regard to race, creed, color or national origin.
- C. The contractor or vendor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding a notice advising the said labor union or workers' representative of the contractor's or vendor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- D. The contractor or vendor shall furnish, if requested by CCPL, a compliance report concerning his employment practices and policies in order for CCPL to ascertain compliance with the special provisions of this agreement concerning nondiscrimination in employment.
- E. In the event of the contractors or vendors noncompliance with the nondiscrimination clause of this agreement, this agreement may be cancelled, terminated, or suspended in whole or in part and the contractor or vendor may be declared ineligible for further Library work.
- F. The contractor or vendor shall include the special provisions outlined herein pertaining to nondiscrimination in employment in every subcontract or purchase order utilized by him in order to carry out the terms and conditions of this agreement so that such nondiscrimination in employment provisions shall be binding on each subcontractor or vendor.

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# **Request for Proposal Detailed Specifications Audio Visual Equipment for Exploration Commons at 50 East**

## **A. Introduction**

Carroll County Public Library (CCPL) is a six-branch system with a separate administrative office and three outreach vehicles serving a community of approximately 170,000 residents in north central Maryland. In fiscal year 2020, CCPL circulated more than 32.6 million items and handled more than 140,000 information/reader assistance requests, utilizing a collection of approximately 701,000 volumes and online databases. CCPL also offers an extensive array of downloadable and streaming audio/video products (movies, television shows, music and audiobooks). Daily operations are performed by a staff of 165 full-time equivalents.

## **B. Purpose**

The purpose of this RFP is to solicit proposals from qualified vendors or resellers to supply audio visual equipment and automation for Exploration Commons at 50 East.

All materials, documents, processes, reports, data, and information generated from this project are the property of CCPL.

## **C. Submission of Proposal**

Bidders are requested to submit their original proposals by **12:00 PM EST, November 25, 2020**. Any proposal not received by the listed bid closing date and time will not be considered.

To be considered, a proposal must be delivered by email to Bob Kuntz, Director of Operations and Innovation, at [rkuntz@carr.org](mailto:rkuntz@carr.org) no later than November 25, 2020 at 12:00 PM EST. Proposals may also be mailed via certified mail by sending three (3) printed copies to: CCPL, Attn: Bob Kuntz, 1100 Green Valley Road, New Windsor, MD 21776.

Any questions requiring clarification of bid submission should be directed to Bob Kuntz in writing, via email ([rkuntz@carr.org](mailto:rkuntz@carr.org)).

The deadline for the submission of questions is November 13, 2020 at 4:00 PM EST. Any questions received after this date will not be answered.

The submission of a proposal shall indicate the bidder thoroughly understands the terms of the specifications.

Any conditions which the bidder wishes to stipulate other than those included in this RFP must be specifically stated in writing in the bidder's cover letter. If the bidder cannot accept a provision of the RFP, it must so state. Any supporting literature that the bidder wants to include should be placed in an appendix.

## **D. Schedule**

Ordering and payment will be scheduled with CCPL, delivery and installation of the equipment will be scheduled with CCPL and the project's General Contractor (Lewis Contractors) during the construction process and with CCPL after Use and Occupancy is received.

## **E. Scope of Services**

Provide itemized pricing for the purchase, delivery, installation, programming, basic maintenance/tech support, and monitoring for the equipment listed below. The design for the space is to ensure flexibility in sources, switching, control and automation.

Floorplans are included at the end of this document that show locations, electrical connections, and elevations for where the size of the equipment is to be considered so it fits within the constructed space.

Substitutions may be considered but must be explained and must be comparable in performance and specifications. The equipment is listed by room as shown on the attached floorplans.

### **Core System Infrastructure**

- 2 CRESTRON 3-SERIES PROFESSIONAL CONTROL SYSTEM PROCESSOR
- 1 CRESTRON IR/SERIAL XPAND CARD
- 1 Racks MID ATLANTIC 42U AV RACK KIT (LARGE MEETING ROOM/ENTRANCE)
- 2 Racks MID ATLANTIC 18U AV RACK KIT (KITCHEN) (CLASSROOM)
- 1 AV Pro Edge AVPRO EDGE 8x8 MATRIX SWITCH
- 1 RACK WIRING, MISC PARTS, CABLING & INSTALLATION ITEMS
- 3 Furman PANAMAX BLUEBOLT 15A CONTROL
- 2 LUXUL 26P/24POE MANAGED SWITCH
- 1 LUXUL MULTI-WAN ROUTER
- 3 LUXUL AC3100 DUAL BAND WAP

### **Large Meeting Room 005**

- 4 LG Electronics LG 86" 4K HDR UHD TV FULL ARRAY BACKLIGHTING
- 4 SECURA TILTING 65"-100"+ MOUNT
- 1 CRESTRON DM 4K PRESENTATION SYSTEM
- 1 CRESTRON 7" TOUCHSCREEN WHITE
- 1 PTZOptics 1080P 30X Zoom PTZ Camera
- 1 CRESTRON 100W X 2 70V AMPLIFIER
- 1 BSS 12x8 CONFERENCING PROCESSOR
- 4 AVPRO EDGE HDBaseT EXTENDER KIT
- 4 Crestron Active HDMI Wall Plate
- 12 Crestron Saros Express 6.5" 2-Way In-Ceiling Speaker w. mounting kit
- 2 SHURE HANDHELD SYSTEM WITH MIC
- 1 SHURE PASSIVE ANTENNA KIT
- 2 SHURE 100' EXTENSION KIT

2 SHURE IN LINE ADAPTER  
2 SHURE MOUNTABLE ANTENNA  
1 CRESTRON AIR MEDIA PRESENTATION SYSTEM  
1 SONY 4K BLU-RAY PLAYER

### **Small Meeting Room 023**

1 LG 6090 Series 4K Display  
1 CRESTRON VIDEO CONFERENCE SOUND BAR  
1 Secura SECURA ADVANCED TILT MOUNT  
1 Crestron HDMI Wall Plate

### **Small Meeting Room 031**

1 LG 6090 Series 4K Display  
1 CRESTRON VIDEO CONFERENCE SOUND BAR  
1 Secura SECURA ADVANCED TILT MOUNT  
1 Crestron HDMI Wall Plate

### **Admin 020**

1 Crestron CRESTRON 10.1" TOUCHSCREEN WHT

### **Gallery/Entrance 004**

6 Planar Systems Clarity Matrix G3 LX55X 55 in. 1920x1080, 500 nit 1.7mm LCD video wall system.  
Includes 1 LCD module, necessary power supply modules, standard video controller electronics  
and EasyAxis mount. Landscape Only  
1 Planar Systems PLANAR PRIMARY POWER CABLE 100'/ FRAME & FREIGHT  
2 BrightSign Digital Signage Player

### **Classroom 019**

2 LG Electronics LG 86" 4K HDR UHD TV FULL ARRAY BACKLIGHTING  
1 Secura SECURA TILTING 65"-100"+ MOUNT  
1 CRESTRON AIR MEDIA PRESENTATION SYSTEM  
1 CRESTRON 7" TOUCHSCREEN WHITE  
1 Key Digital KEY DIGITAL MATRIX SWITCHER  
1 Furman PANAMAX BLUEBOLT 15A CONTROL

### **AV 012**

1 LG Electronics LG 65" 4K UHD TV  
1 SECURA ADVANCED TILT MOUNT  
1 SnapAV AV HDMI WALL PLATE

## **LAB 009**

1 LG Electronics LG 65" 4K UHD TV  
1 SECURA ADVANCED TILT MOUNT  
1 SnapAV AV HDMI WALL PLATE

## **VR 011**

1 LG Electronics LG 65" 4K UHD TV  
1 SECURA ADVANCED TILT MOUNT  
1 SnapAV AV HDMI WALL PLATE

## **Makerspace 006**

1 LG Electronics LG 86" 4K HDR UHD TV FULL ARRAY BACKLIGHTING  
1 Secura SECURA TILTING 65"-100"+ MOUNT

## **Kitchen 013**

2 LG 43" FLAT 4K UHD TV  
1 LG 86" 4K HDR UHD TV FULL ARRAY BACKLIGHTING  
2 SANUS CEILING TV MOUNT BLACK  
1 SECURA TILTING 65"-100"+ MOUNT  
1 CRESTRON 7" TOUCHSCREEN WHITE  
2 LOGITECH PTZ PRO 2 CAMERA  
1 CRESTRON AIR MEDIA PRESENTATION SYSTEM  
1 CRESTRON DM 4K PRESENTATION SYSTEM  
1 Sennheiser SR300IEM G3 rack-mountable stereo transmitter with GA3 rack kit  
1 Sennheiser Lavalier set with (1) ME2-II clip-on lapel mic, (1) XSW-D MINI JACK TX (3.5mm), (1) XSW-D XLR MALE RX, (1) beltpack clip and (1) USB charging cable  
6 CRESTRON 6.5" IN-CEILING SPKR

## **Installation, Warranty and Maintenance**

Provide itemized installation, programming, warranty, permitting, maintenance, and monitoring costs for each section listed above.

## **F. Evaluation and Selection Criteria**

### **F.1 Evaluation Committee**

CCPL has established an evaluation committee who will review each proposal and score them independently using the criteria in Section F.2. The Evaluation Committee will consist of the Director of Operations and Innovation, Emerging and Digital Technologies Manager, Executive Director.

## **F.2 Evaluation Criteria**

A complete proposal is considered a submission in which:

- all information as requested by CCPL has been supplied
- any additional areas requiring a signature have been acknowledged
- itemized pricing has been submitted
- the proposal has been submitted per the terms of this RFP and all requested information has been submitted in a complete and satisfactory manner
- addendum, if created, acknowledged

The Evaluation Committee will score each proposal based on the four (4) categories below. Scores will be totaled and averaged based on the scores of the three (3) committee members.

Should a tie occur, award will be made to the firm offering the lowest price. Should a tie occur in that occasion, award will be made to the firm geographically closest to CCPL.

CCPL reserves the right to award all or part of the project based solely on the best interest of CCPL as determined by CCPL's Executive Director.

## **F.3. Proposals will be scored based on the criteria below**

### **Price (40 points)**

Pricing should include an itemized list of all expenses relating to equipment, labor, travel and any additional expenses required to complete the installation. The highest score will be awarded to the company who shows a complete, accurate and responsible proposal.

### **Adherence to technical specification (30 points)**

If proposing equivalent products to those specified in the Scope of Services, a chart comparing all technical specifications of each equipment type must be included within the proposal.

### **Understanding the Project (20 points)**

Proposer shall state, in a concise manner, its interpretation and understanding of the project and include a sample of a like project.

### **Local Vendor (10 points)**

Consideration will be granted to any business whose home office is based in the Baltimore/Washington metropolitan area.

## **G. Information Required in Proposal Submission**

To be considered as a complete proposal all submissions must contain the following:

- Each vendor must submit an original proposal.
- A brief transmittal letter signed by an officer authorized to bind the firm to its proposal.
- All areas requiring the signature, acknowledgment or notarization requested must be completed accurately.
- Vendors are to submit their proposal to:  
Bob Kuntz, Director of Operations and Innovation  
rkuntz@carr.org  
Use subject line: "Audio Visual Equipment for Exploration Commons Proposal from (company name)".
- Proposals may also be mailed via certified mail by sending three (3) printed copies to: CCPL, Attn: Bob Kuntz 1100 Green Valley Road, New Windsor, MD 21776.

## **H. Basis of Award**

The vendor who submits a complete and responsible proposal and receives the highest total score of all submissions will be recommended for an award of contract.

CCPL reserves the right to cancel this RFP at any time after issuance, to reject, in whole or in part, any and all offers received, to waive minor technicalities in proposals, and to negotiate with responsible offers in any manner necessary to serve its best interests.

Proposals should be prepared simply and economically, providing a straightforward, concise description of the offeror's ability to satisfy the requirements of this RFP.

Offerors are responsible for proposal preparation and submission costs.

By submitting a proposal in response to this RFP, the offeror accepts the terms and conditions set forth herein, unless stated otherwise.

CCPL may require offerors to submit additional information regarding financial responsibility, technical expertise, and other qualifications, and may consider any information otherwise available concerning those qualifications. CCPL may make such investigation as it deems necessary to determine the offeror's qualifications.

CCPL reserves the right to accept the best written proposal without further discussions, and may do so; thus, offerors should ensure that the initial proposals are both complete and competitively priced.

The offeror shall identify any actual or potential conflicts of interest that exist, or which may arise if the offeror is recommended for award and propose how such conflicts might be resolved. The laws of Carroll County and the State of Maryland, and where applicable, federal laws and regulations, will govern the contract awarded pursuant to this RFP.

The selected firm is required to perform all services in accordance with generally accepted standards of professional practice, and in accordance with all applicable Federal, State and local codes.

## **I. Proposal Terms and Conditions**

CCPL reserves the right to retain all proposals submitted and to use any ideas in a proposal regardless of whether that proposal is selected.

Submission of a proposal indicates acceptance by the vendor of the conditions contained in this request for proposal and the selected vendor's bid will be incorporated into the contract.

An affirmative statement should be included indicating that the vendor and all assigned key professional staff are properly licensed to conduct business in the State of Maryland.

It is anticipated that the selection of a vendor will be completed by December 11, 2020.

Following notification of the selected firm, it is expected that a contract will be executed by both parties within 30 days.

No charge will be allowed for Federal, State or Municipal Sales and Excise Taxes from which CCPL is exempt. The proposal price shall be net and shall not include the amount of any such tax. Exemption certificates, if required, will be furnished.

The following numbers are applicable on this proposal:

FEDERAL TAX IDENTIFICATION NUMBER: 52-6015705  
STATE OF MARYLAND TAX EXEMPTION: 30001144

All invoices will be paid within thirty (30) days unless any item thereon is questioned, in which event payment will be withheld pending verification of the amount claimed and the validity of the claim.

A Certificate of Insurance will be requested by CCPL as needed.

## **J. Receipt and Opening of Proposals**

Proposals for service as required by CCPL will be opened and publicly read at CCPL Headquarters, 1100 Green Valley Road, New Windsor, Maryland 21776, unless otherwise noted, on November 25, 2020 at 1:00 PM. The person, firm or corporation making such proposal shall submit it at the place herein mentioned on or before the hour and day stated herein. CCPL reserves the right to reject any and/or all proposals to consider informal all proposals not prepared in accordance with instructions, or to waive any such informalities. Any proposal may be withdrawn and resubmitted prior to the opening of proposals. All proposals submitted shall be valid for a minimum period of ninety (90) calendar days following the date established for opening.

Proposals received prior to the time of opening will be securely kept. No proposal received after 12:00 PM EST, Wednesday, November 25, 2020 will be considered. CCPL assumes no responsibility for the timely deliverance of emailed or mailed proposals.

SCHEDULE - EQUIPMENT							
MARK	DESCRIPTION	MANUFACTURER	BOD MODEL	OWNER FURNISH AND INSTALL	OWNER FURNISH CONTRACTOR INSTALL	CONTRACTOR FURNISH AND INSTALL	COMMENTS
A-01	ACCESS DOOR FOR WALLS		DRYWALL ACCESS DOOR 10X10				
A-02	THREE COMPARTMENT SINK	EAGLE GROUP	FN2860-3-24-14/3				
A-03	MOP SHELF		1315-3				
A-04	36" x 60" CLARUS BOARD	CLARUS	FLOAT				
A-05	PHENOLIC LOCKERS	STORAGE LOGIC	HAMILTON CASEWORK LOCKERS				
A-06	48" x 72" CLARUS BOARD		FLOAT				
A-08	ACOUSTICAL CEILING BAFFLE 96"	TURF	RIDGE BAFFLE				
A-09	ACOUSTICAL CEILING BAFFLE 119"	TURF	RIDGE BAFFLE				
A-10	ACOUSTICAL WALL PANEL 66"	TURF	DESIGN #10				
A-11	ACOUSTICAL WALL PANEL 44"	TURF	DESIGN #10				
A-12	PODIUM	HAWORTH	SMART PODIUM				
A-13	ACCESS DOOR FOR WALLS	ELMDOR/STONEMAN	DRYWALL ACCESS DOOR 24"x48"				
A-14	COAT HOOK		B-7671				
A-15	ACCESS PANEL FOR CEILING	BAUCO	PLUS II SERIES ACCESS PANEL 24"X 24"				
A-16	ACCESS DOOR FOR WALLS	ELMDOR/STONEMAN	2-HOUR FIRE RATED ACCESS DOOR 22" x 30"				
E-01	NURSING BENCH	PRESSALIT CARE	R8402				
E-02	65" TELEVISION & LOW PROFILE VESA MOUNT	SAMSUNG	UN65NU8000				
E-03	VENDING MACHINE						
E-04	36" GRIDDLE	VULCAN	VCRG36-T				
E-05	COMMERCIAL INDUCTION COOKTOP	GARLAND	GI-SH/DU/CL				
E-06	36" COOKTOP - 6 BURNER	VULCAN	VHP636				
E-07	36" SALAMANDER BROILER	VULCAN	36RB				
E-08	COMMERCIAL MICROWAVE		180MWH018				

SCHEDULE - EQUIPMENT							
MARK	DESCRIPTION	MANUFACTURER	BOD MODEL	OWNER FURNISH AND INSTALL	OWNER FURNISH CONTRACTOR INSTALL	CONTRACTOR FURNISH AND INSTALL	COMMENTS
E-09	DOUBLE-DECK CONVECTION OVEN	VULCAN	VC55GD				
E-10	GAS FLOOR FRYER	AVANTCO	FF300				
E-11	UNDERCOUNTER DISHWASHER	JACKSON WWS	DISHSTAR HT-E-SEER				
E-12	ICE MACHINE	MANITOWOC	NEO 140				
E-13	40" TELEVISION	SAMSUNG					
E-14	REACH IN REFRIGERATOR	BEVERAGE AIR	HBRF49-1-A				
E-15	55" DISPLAY WALL MONITOR	MITSUBISHI	LM55P4				
E-16	3D PRINTER	LUZBOT	TAZ 6				
E-17	WATER COOLER	BRIO & MAGIC MOUNTAIN					
E-18	DRINKING FOUNTAIN	ELKAY	VRCTLRBWSK				
E-19	MINI FRIDGE	SUMMIT	CT663BBIADA				
E-20	LASER CUTTER	EPILOG	FUSION M2 40				
E-21	CNC ROUTER	ICONIC	I2015XM				
E-22	82" TELEVISION & LOW PROFILE VESA MOUNT	SAMSUNG	UN82NU8000				
E-23	PRINTER/COPIER	SAVIN	MP C2003				
E-24	VINYL CUTTER	ROLAND	GS-24 CAMM				
E-25	PLOTTER	HP	DESIGNJET T830 36 INCH				
E-26	3D PRINTER		ABS 3D PRINTER				
E-27	PEDESTAL WITH ADA DOOR OPENER PUSH PLATE & CARD READER	WIKK INDUSTRIES, INC.	BPS 1G CS 32D				
E-28	EXHAUST HOOD	CAPTIVEAIRE	SEE DRAWINGS				SEE SHEET FS-1.0
E-29	EXHAUST HOOD	CAPTIVEAIRE	SEE DRAWINGS				SEE SHEET FS-1.0
E-30	MOTORIZED TV CEILING MOUNT	DISPLAYS2GO	LMCEM042				
E-31	LASER CUTTER	EPILOG	ZING 24				
E-32	EXHAUST HOOD	CAPTIVEAIRE	SEE DRAWINGS				SEE SHEET FS-1.0
E-33	ADA DOOR OPENER WALL BUTTON	STANLEY	CL4163 SQUARE				

GENERAL FFE NOTES	
NOTE #	NOTE
1	FURNITURE TO BE OWNER FURNISHED/OWNER INSTALLED, UNLESS OTHERWISE NOTED. FINAL LOCATIONS MAY CHANGE. ITEMS TO BE INSTALLED IN RELATION TO FURNITURE SHALL BE COORDINATED WITH THE OWNER PRIOR TO ROUGH-IN OR BLOCKING IS INSTALLED.
2	CONTRACTOR SHALL PROVIDE BLOCKING AND NAILERS AS REQUIRED TO SUPPORT ALL NEW WORK, INCLUDING ITEMS TO BE PROVIDED AND/OR INSTALLED BY OWNER. WHERE REQUIRED, BLOCKING SHALL BE FRIT.
3	REFER TO ENLARGED PLANS, ELEVATIONS, & DETAILS FOR FURTHER INFORMATION.
4	NOT ALL ITEMS SHOWN IN SCHEDULE MAY BE DISPLAYED ON THIS SHEET.
5	ALL TELEVISIONS ARE TO BE WALL MOUNTED. AT STUD WALLS, PROVIDE 3/4" X 3/4" THICK PLYWOOD BLOCKING. COORDINATE WITH OWNER FOR MOUNTING HEIGHT.
6	GC SHALL COORDINATE ALL ELECTRICAL, PLUMBING, MECHANICAL, & TELECOM REQUIRED FOR EQUIPMENT WITH MEP DRAWINGS & MANUFACTURER REQUIREMENTS.
7	GC SHALL INSTALL MINI 3/4" PLYWOOD BLOCKING FOR ALL G/WB WALL HUNG ITEMS SHOWN IN DRAWINGS, INCLUDING BUT NOT LIMITED TO ITEMS N.I.C. OR PROVIDED BY OWNER.
8	ALL MAKERSPACE EQUIPMENT SHALL BE PROVIDED & INSTALLED BY OWNER.
9	ALL KITCHEN EQUIPMENT SHALL BE PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR UNLESS OTHERWISE NOTED.

CONSULTANT:

SEAL:

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER: #15505 EXPIRATION DATE: 8-18-2020

**MANN'S WOODWARD STUDIOS**  
 ARCHITECTURE | INTERIORS | MASTER PLANNING  
 10839-D PHILADELPHIA RD WWW.MWSARCH.COM  
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FFE PLAN - BASEMENT FLOOR  
 THE COMMISSIONERS OF CARROLL COUNTY  
 WESTMINSTER LIBRARY RENOVATION  
 50 EAST MAIN STREET, WESTMINSTER  
 MARYLAND 21157

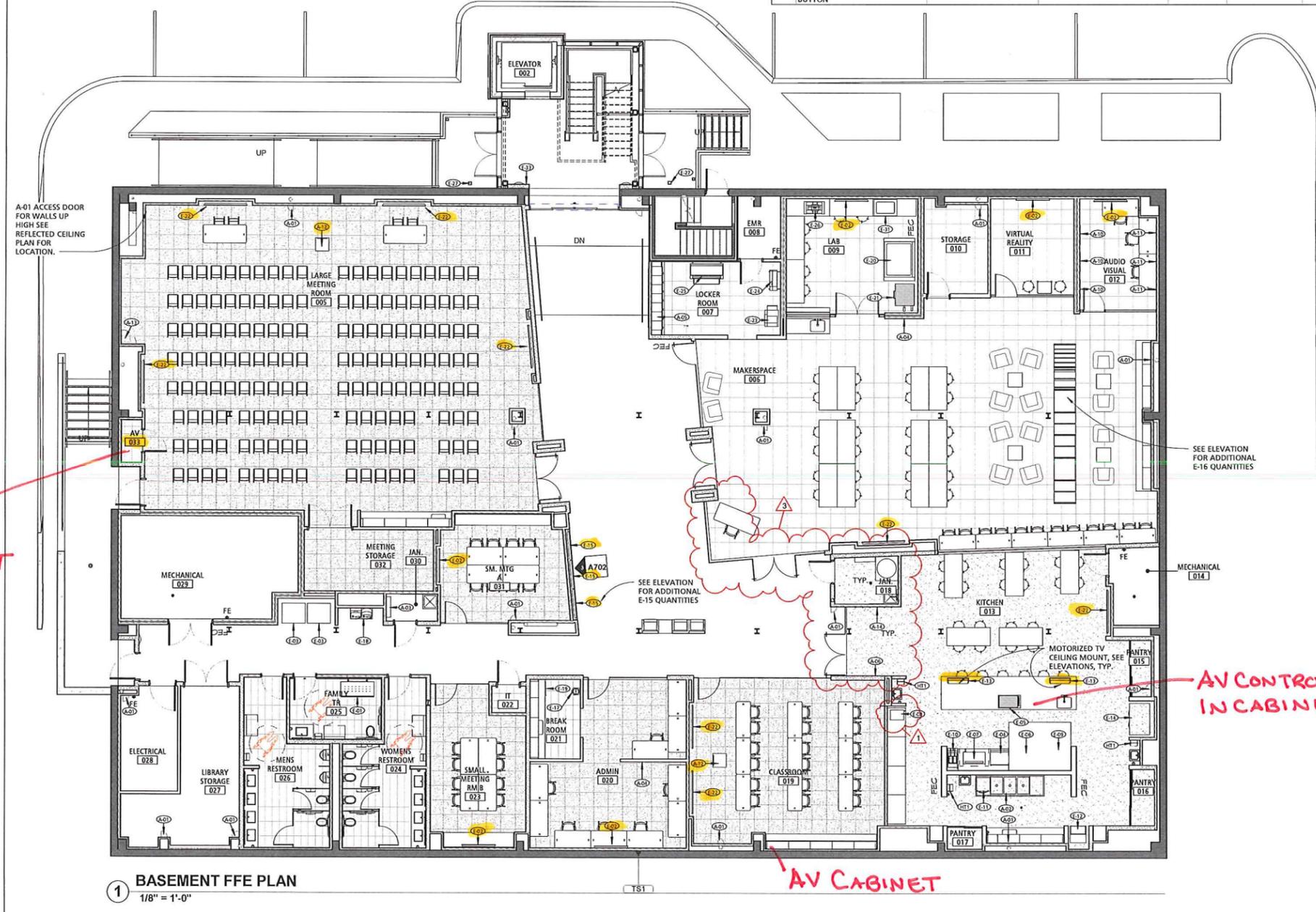
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1	Permit Rev. #1	11/05/19
3	Permit Rev. #3	01/23/20
5	Revision #1	06/17/20

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 PROJECT SET:  
REVISION #1  
 DATE ISSUED:  
06/17/2020

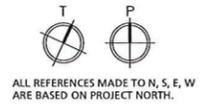
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FFE PLAN - BASEMENT FLOOR

SHEET NUMBER:  
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1 BASEMENT FFE PLAN  
 1/8" = 1'-0"



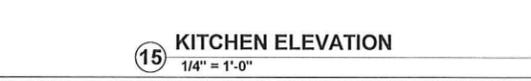
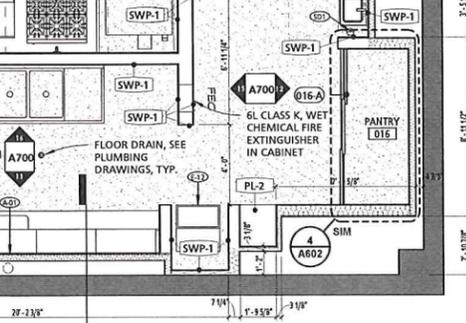
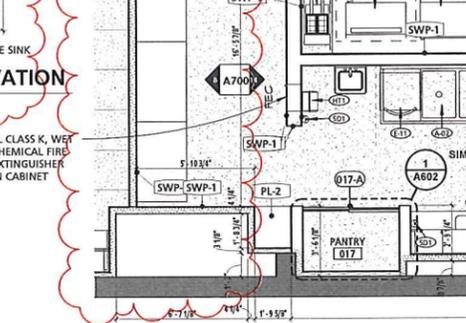
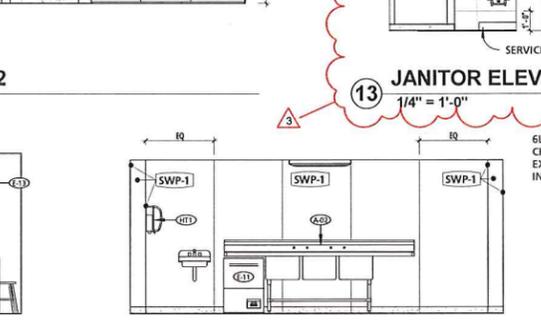
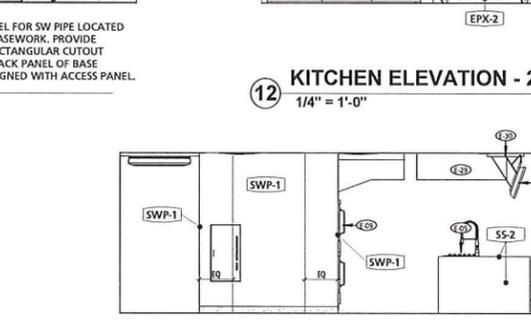
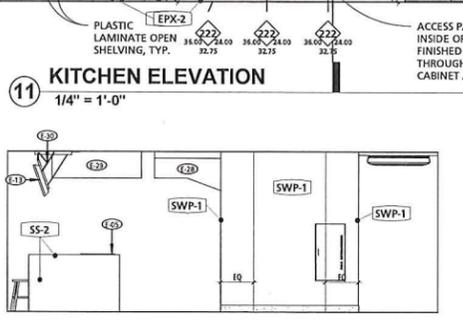
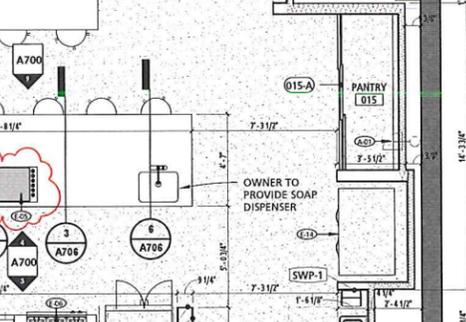
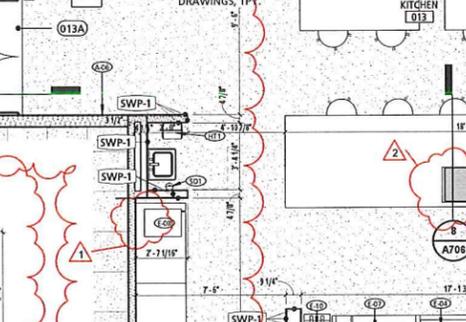
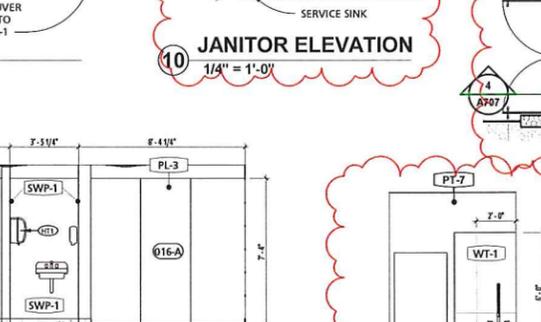
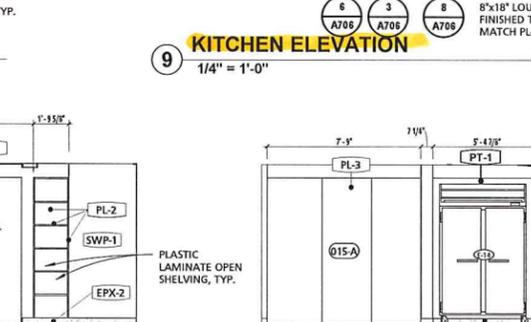
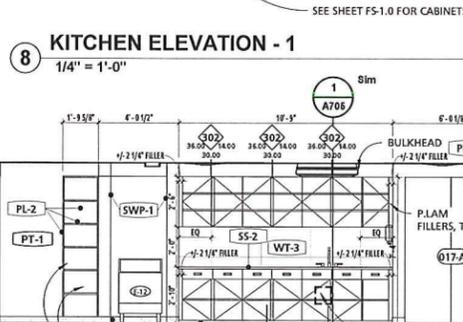
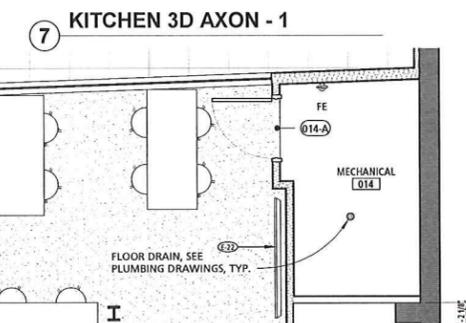
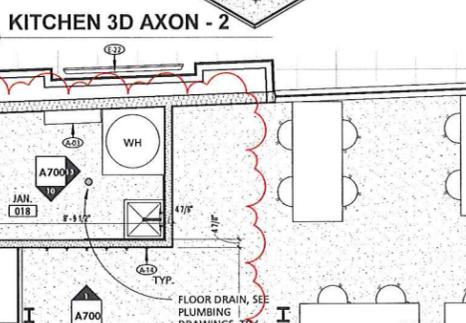
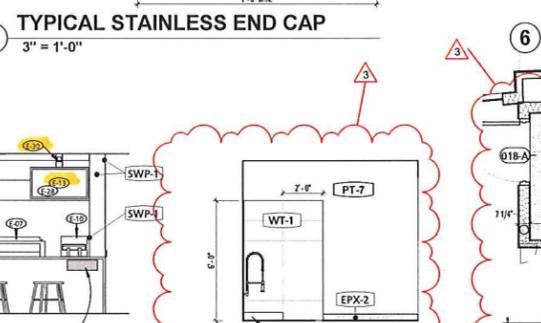
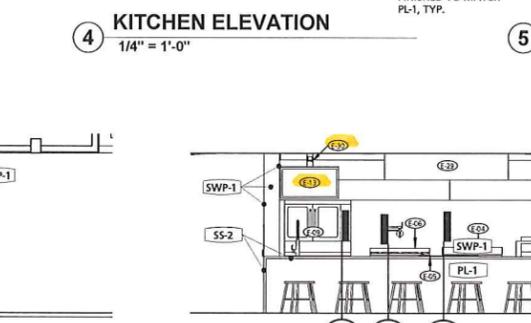
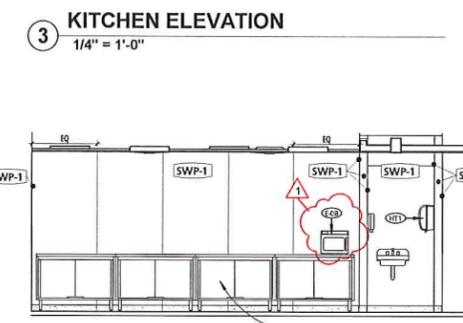
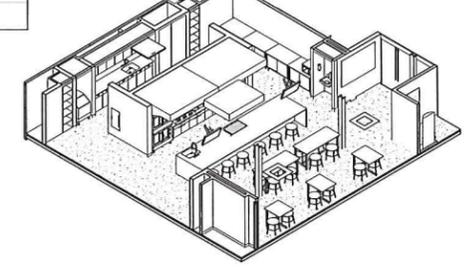
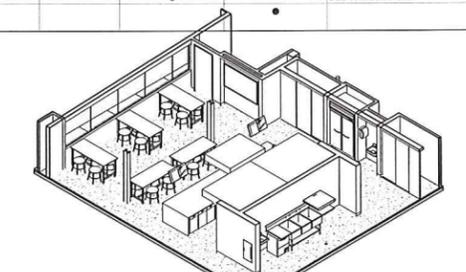
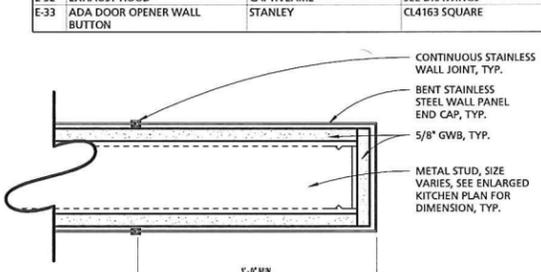
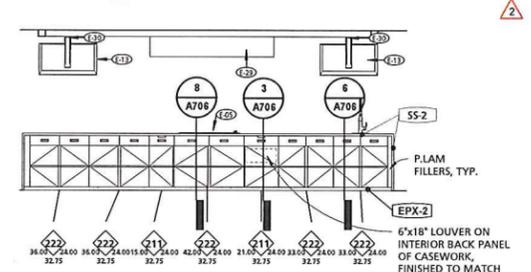
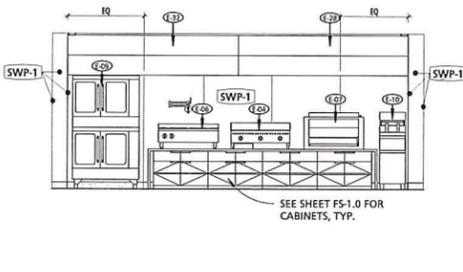
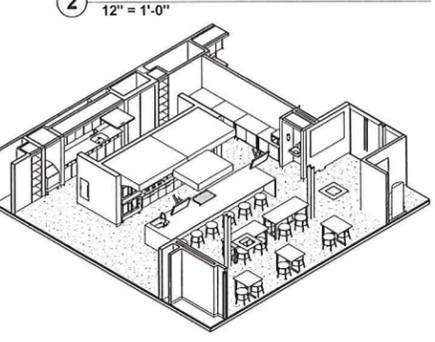
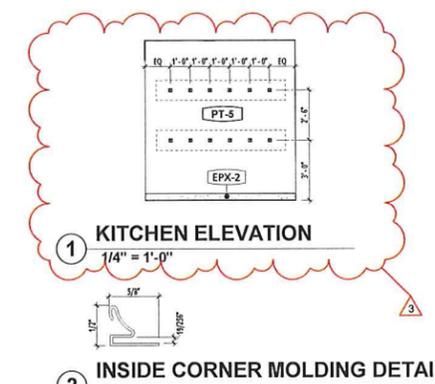
ALL REFERENCES MADE TO N, S, E, W ARE BASED ON PROJECT NORTH.

□ DEPICTS AREA OF WORK

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SCHEDULE - EQUIPMENT							
MARK	DESCRIPTION	MANUFACTURER	BOD MODEL	OWNER FURNISH AND INSTALL	OWNER FURNISH CONTRACTOR INSTALL	CONTRACTOR FURNISH AND INSTALL	COMMENTS
A-01	ACCESS DOOR FOR WALLS		DRYWALL ACCESS DOOR 10X10				
A-02	THREE COMPARTMENT SINK	EAGLE GROUP	FN2860-324-14/3				
A-03	180" SHELF		1315-3				
A-04	36" x 60" CLARUS BOARD	CLARUS	FLOAT				
A-05	PHENOLIC LOCKERS	STORAGE LOGIC	HAMILTON CASEWORK LOCKERS				
A-06	48" x 72" CLARUS BOARD		FLOAT				
A-08	ACOUSTICAL CEILING BAFFLE 96"	TURF	RIDGE BAFFLE				
A-09	ACOUSTICAL CEILING BAFFLE 119"	TURF	RIDGE BAFFLE				
A-10	ACOUSTICAL WALL PANEL 66"	TURF	DESIGN #10				
A-11	ACOUSTICAL WALL PANEL 44"	TURF	DESIGN #10				
A-12	PODIUM	HAWORTH	SMART PODIUM				
A-13	ACCESS DOOR FOR WALLS	ELMDOR/STONEMAN	DRYWALL ACCESS DOOR 24"x48"				
A-14	COAT HOOK		B-7671				
A-15	ACCESS PANEL FOR CEILING	BAUCO	PLUS II SERIES ACCESS PANEL 24"x24"				
A-16	ACCESS DOOR FOR WALLS	ELMDOR/STONEMAN	2-HOUR FIRE RATED ACCESS DOOR 22" x 30"				
E-01	NURSING BENCH	PRESSALT CARE	R8402				
E-02	65" TELEVISION & LOW PROFILE VESA MOUNT	SAMSUNG	UN65NU8000				
E-03	VENDING MACHINE						
E-04	36" GRIDDLE	VULCAN	VCRG36P				
E-05	COMMERCIAL INDUCTION COOKTOP	GARLAND	GI-SH/DU/CL				
E-06	36" COOKTOP - 6 BURNER	VULCAN	VHP636				
E-07	36" SALAMANDER BROILER	VULCAN	36RB				
E-08	COMMERCIAL MICROWAVE		180MWHD18				

SCHEDULE - EQUIPMENT							
MARK	DESCRIPTION	MANUFACTURER	BOD MODEL	OWNER FURNISH AND INSTALL	OWNER FURNISH CONTRACTOR INSTALL	CONTRACTOR FURNISH AND INSTALL	COMMENTS
E-09	DOUBLE DECK CONVECTION OVEN	VULCAN	VC55GD				
E-10	GAS FLOOR FRYER	AVANTCO	FF300				
E-11	UNDERCOUNTER DISHWASHER	JACKSON WHIS	DISHSTAR HT-E-SEER				
E-12	ICE MACHINE	MANITOWOC	NEO 140				
E-13	40" TELEVISION	SAMSUNG					
E-14	REACH IN REFRIGERATOR	BEVERAGE AIR	HBRF49-1-A				
E-15	55" DISPLAY WALL MONITOR	MITSUBISHI	LM55P4				
E-16	3D PRINTER	LUBZBOT	TAZ 6				
E-17	WATER COOLER	BRIO & MAGIC MOUNTAIN					
E-18	DRINKING FOUNTAIN	ELKAY	VRCLR8WSK				
E-19	MINI FRIDGE	SUMMIT	CT663BBIADA				
E-20	LASER CUTTER	EPILOG	FUSION M2 40				
E-21	CNC ROUTER	ICONIC	I2015XM				
E-22	82" TELEVISION & LOW PROFILE VESA MOUNT	SAMSUNG	UN82NU8000				
E-23	PRINTER/COPIER	SAVIN	MP C2003				
E-24	VINYL CUTTER	ROLAND	GS-24 CMM				
E-25	PLOTTER	HP	DESIGNJET T830 36 INCH				
E-26	3D PRINTER		ABS 3D PRINTER				
E-27	PEDESTAL WITH ADA DOOR OPENER PUSH PLATE & CARD READER	WIKK INDUSTRIES, INC.	BPS IG CS 32D				
E-28	EXHAUST HOOD	CAPTIVEAIRE	SEE DRAWINGS				SEE SHEET FS-1.0
E-29	EXHAUST HOOD	CAPTIVEAIRE	SEE DRAWINGS				SEE SHEET FS-1.0
E-30	MOTORIZED TV CEILING MOUNT	DISPLAYS2GO	LMCEMOT42				
E-31	LASER CUTTER	EPILOG	ZING 24				
E-32	EXHAUST HOOD	CAPTIVEAIRE	SEE DRAWINGS				SEE SHEET FS-1.0
E-33	ADA DOOR OPENER WALL BUTTON	STANLEY	CL163 SQUARE				



CONSULTANT:  
SEAL:  
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10839-D PHILADELPHIA RD WWW.MWSARCH.COM  
WHITE MARSH, MD 21162 (P) 410-344-1460 (F) 443-403-2460

ENLARGED PLANS & INT. ELEVATIONS  
THE COMMISSIONERS OF CARROLL COUNTY  
WESTMINSTER LIBRARY RENOVATION  
50 EAST MAIN STREET, WESTMINSTER  
MARYLAND 21157

NO.	DESCRIPTION	DATE
1	Permit Rev. #1	11/05/19
2	Permit Rev. #2	12/20/19
3	Permit Rev. #3	01/23/20
5	Revision #1	06/17/20

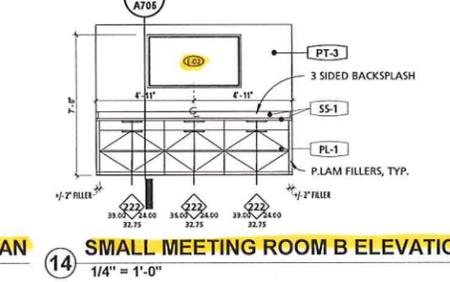
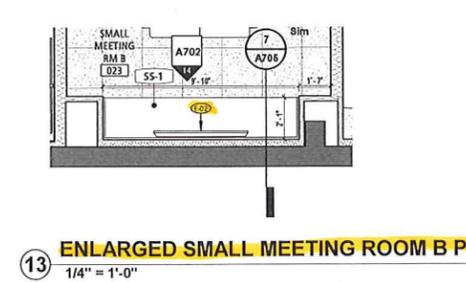
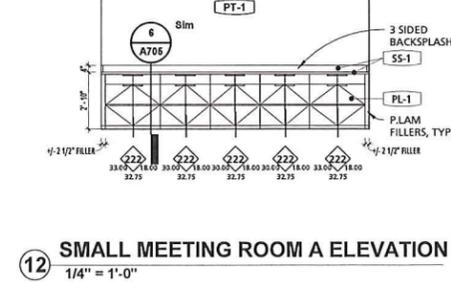
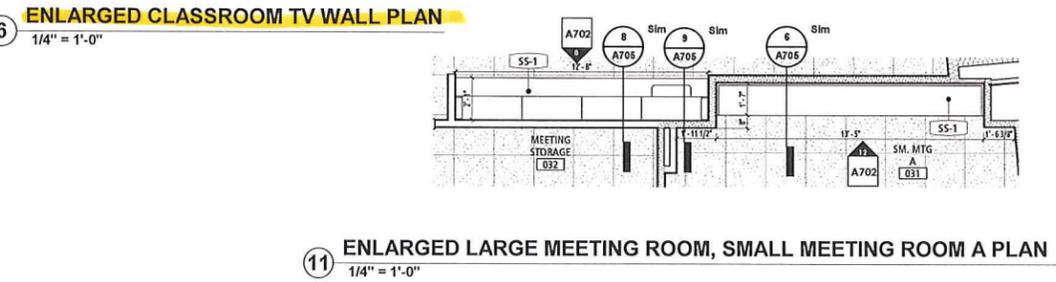
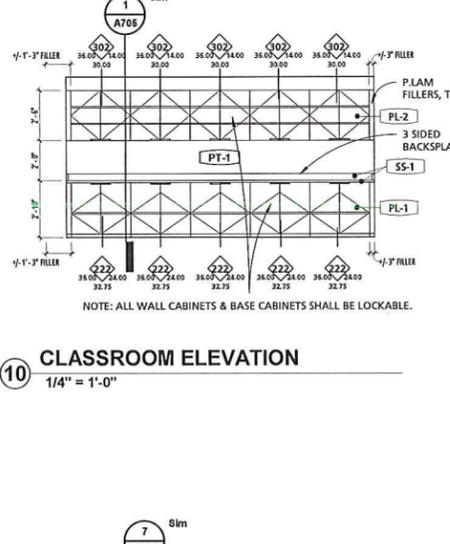
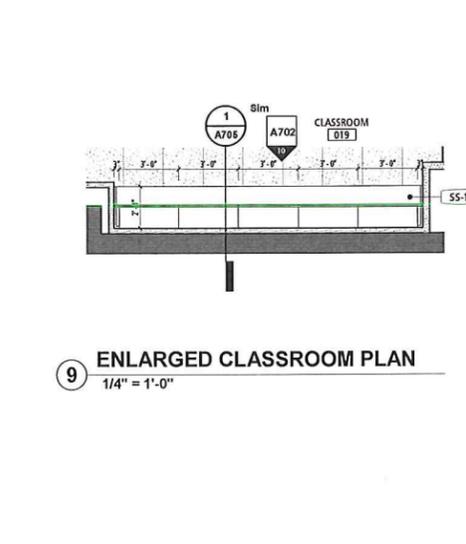
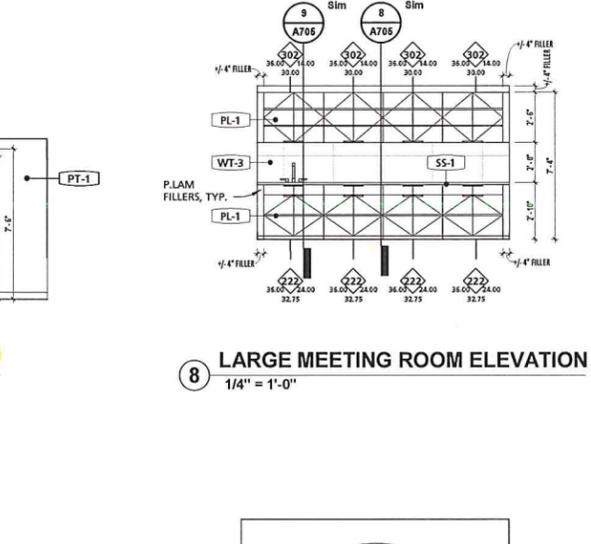
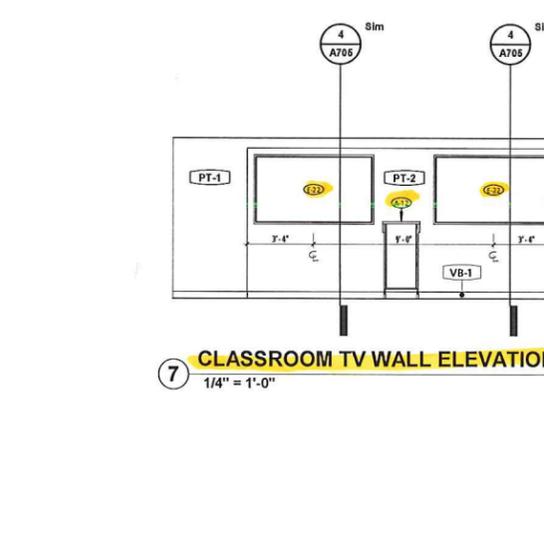
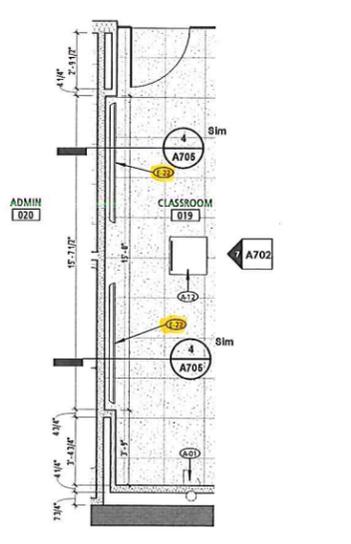
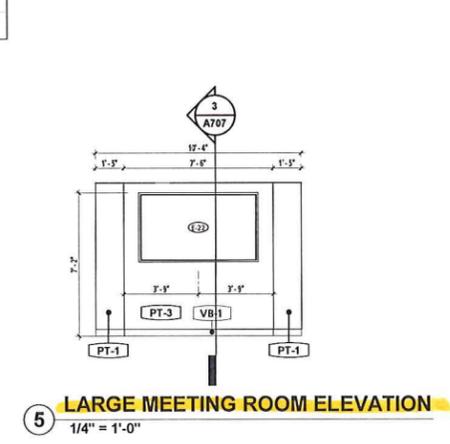
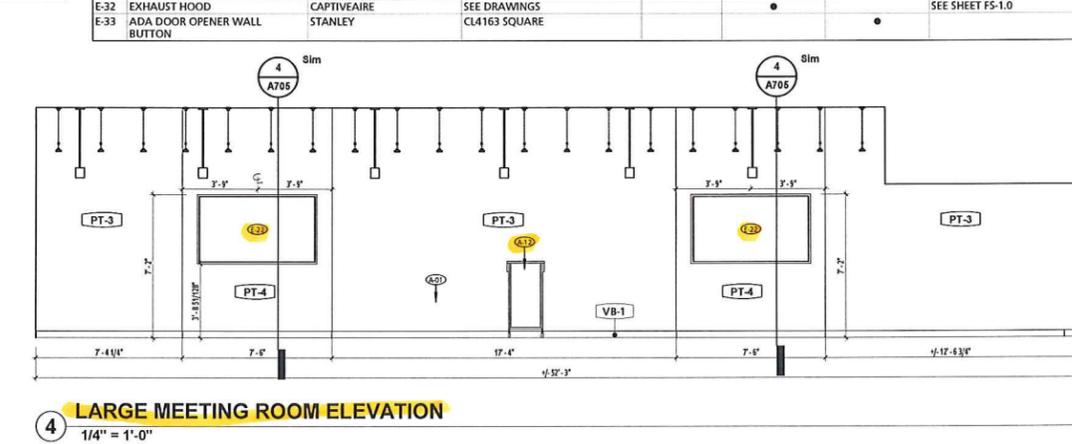
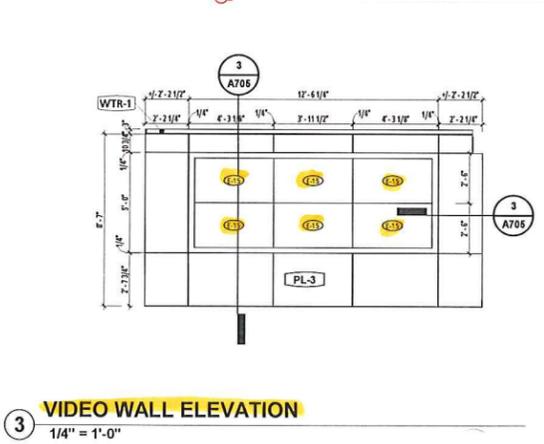
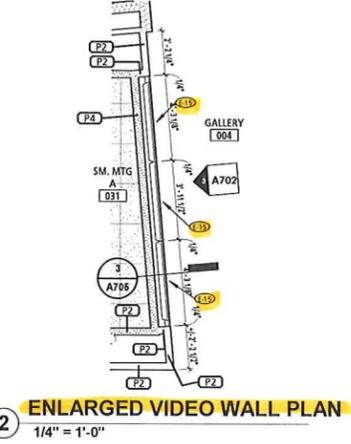
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18-037  
PROJECT SET:  
REVISION #1  
DATE ISSUED:  
06/17/2020

DRAWING TITLE:  
ENLARGED PLANS & INT. ELEVATIONS  
SHEET NUMBER:  
**A700**

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SCHEDULE - EQUIPMENT							
MARK	DESCRIPTION	MANUFACTURER	BOD MODEL	OWNER FURNISH AND INSTALL	OWNER FURNISH CONTRACTOR INSTALL	CONTRACTOR FURNISH AND INSTALL	COMMENTS
A-01	ACCESS DOOR FOR WALLS		DRYWALL ACCESS DOOR 10X10				
A-02	THREE COMPARTMENT SINK	EAGLE GROUP	FN2860-3-24-14/3				
A-03	MOP SHELF		1315-3				
A-04	36" x 60" CLARUS BOARD	CLARUS	FLOAT				
A-05	PHENOLIC LOCKERS	STORAGE LOGIC	HAMILTON CASEWORK LOCKERS				
A-06	48" x 72" CLARUS BOARD		FLOAT				
A-08	ACOUSTICAL CEILING BAFFLE 96"	TURF	RIDGE BAFFLE				
A-09	ACOUSTICAL CEILING BAFFLE 119"	TURF	RIDGE BAFFLE				
A-10	ACOUSTICAL WALL PANEL 66"	TURF	DESIGN #10				
A-11	ACOUSTICAL WALL PANEL 44"	TURF	DESIGN #10				
A-12	PODIUM	HAWORTH	SMART PODIUM				
A-13	ACCESS DOOR FOR WALLS	ELMDOR/STONEMAN	DRYWALL ACCESS DOOR 24"x48"				
A-14	COAT HOOK		B-7671				
A-15	ACCESS PANEL FOR CEILING	BAUCO	PLUS II SERIES ACCESS PANEL 24"x24"				
A-16	ACCESS DOOR FOR WALLS	ELMDOR/STONEMAN	2-HOUR FIRE RATED ACCESS DOOR 22" x 30"				
E-01	NURSING BENCH	PRESSALIT CARE	RB402				
E-02	65" TELEVISION & LOW PROFILE VESA MOUNT	SAMSUNG	UN65NU8000				
E-03	VENDING MACHINE						
E-04	36" GRIDDLE	VULCAN	VCRG36-T				
E-05	COMMERCIAL INDUCTION COOKTOP	GARLAND	GSH/DU/CL				
E-06	36" COOKTOP - 6 BURNER	VULCAN	VHP636				
E-07	36" SALAMANDER BROILER	VULCAN	36RB				
E-08	COMMERCIAL MICROWAVE		180MWH18				

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E-13	40" TELEVISION	SAMSUNG					
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E-15	55" DISPLAY WALL MONITOR	MITSUBISHI	LM55P4				
E-16	3D PRINTER	LUZBOT	TAZ 6				
E-17	WATER COOLER	BRIO & MAGIC MOUNTAIN					
E-18	DRINKING FOUNTAIN	ELKAY	VRCLR8WSK				
E-19	MINI FRIDGE	SUMMIT	CT663BBIADA				
E-20	LASER CUTTER	EPILOG	FUSION M2 40				
E-21	CNC ROUTER	ICONIC	i2015XM				
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E-23	PRINTER/COPIER	SAVIN	MP C2003				
E-24	VINYL CUTTER	ROLAND	GS-24 CAMM				
E-25	PLOTTER	HP	DESIGNJET T830 36 INCH				
E-26	3D PRINTER		ABS 3D PRINTER				
E-27	PEDESTAL WITH ADA DOOR OPENER PUSH PLATE & CARD READER	WIKK INDUSTRIES, INC.	BPS IG CS 32D				
E-28	EXHAUST HOOD	CAPTIVEAIRE	SEE DRAWINGS				SEE SHEET FS-1.0
E-29	EXHAUST HOOD	CAPTIVEAIRE	SEE DRAWINGS				SEE SHEET FS-1.0
E-30	MOTORIZED TV CEILING MOUNT	DISPLAYS2GO	LMCEMOT42				
E-31	LASER CUTTER	EPILOG	ZING 24				
E-32	EXHAUST HOOD	CAPTIVEAIRE	SEE DRAWINGS				SEE SHEET FS-1.0
E-33	ADA DOOR OPENER WALL BUTTON	STANLEY	CL1463 SQUARE				



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CONFORMANCE DRAWINGS - ISSUED 6-17-20

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**MANNIS WOODWARD STUDIOS**  
ARCHITECTURE | INTERIORS | MASTER PLANNING  
10839-D PHILADELPHIA RD WWW.MWWSARCH.COM  
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THE COMMISSIONERS OF CARROLL COUNTY  
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NO.	DESCRIPTION	DATE
5	Revision #1	06/17/20

PROJECT NUMBER: 18-037  
PROJECT SET: REVISION #1  
DATE ISSUED: 06/17/2020

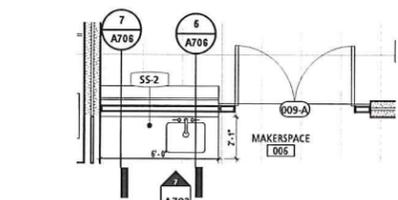
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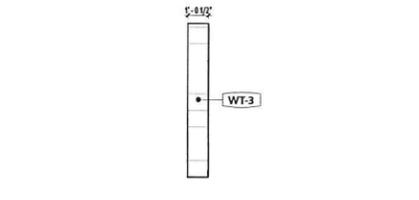
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SCHEDULE - EQUIPMENT							
MARK	DESCRIPTION	MANUFACTURER	BOD MODEL	OWNER FURNISH AND INSTALL	OWNER FURNISH CONTRACTOR INSTALL	CONTRACTOR FURNISH AND INSTALL	COMMENTS
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A-02	THREE COMPARTMENT SINK	EAGLE GROUP	FN2860-3-24-14/3				
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A-14	COAT HOOK		B-7671				
A-15	ACCESS PANEL FOR CEILING	BAUCO	PLUS II SERIES ACCESS PANEL 24"X 24"				
A-16	ACCESS DOOR FOR WALLS	ELMDOR/STONEMAN	2-HOUR FIRE RATED ACCESS DOOR 22" x 30"				
E-01	NURSING BENCH	PRESSALIT CARE	R8402				
E-02	65" TELEVISION & LOW PROFILE VESA MOUNT	SAMSUNG	UN65NU8000				
E-03	VENDING MACHINE						
E-04	36" GRIDDLE	VULCAN	VCRG36-T				
E-05	COMMERCIAL INDUCTION COOKTOP	GARLAND	GI-SH/DU/CL				
E-06	36" COOKTOP - 6 BURNER	VULCAN	VHP636				
E-07	36" SALAMANDER BROILER	VULCAN	36RB				
E-08	COMMERCIAL MICROWAVE		180MWH18				

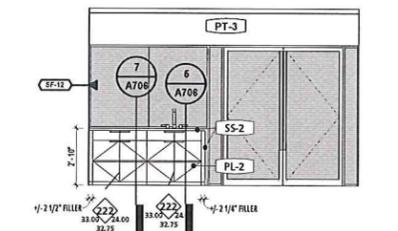
SCHEDULE - EQUIPMENT							
MARK	DESCRIPTION	MANUFACTURER	BOD MODEL	OWNER FURNISH AND INSTALL	OWNER FURNISH CONTRACTOR INSTALL	CONTRACTOR FURNISH AND INSTALL	COMMENTS
E-09	DOUBLE-DECK CONVECTION OVEN	VULCAN	VC55GD				
E-10	GAS FLOOR FRYER	AVANTCO	FF300				
E-11	UNDERCOUNTER DISHWASHER	JACKSON WWS	DISHSTAR HT-E-SEER				
E-12	ICE MACHINE	MANITOWOC	NEO 140				
E-13	40" TELEVISION	SAMSUNG					
E-14	REACH IN REFRIGERATOR	BEVERAGE AIR	HBRF49-1-A				
E-15	55" DISPLAY WALL MONITOR	MITSUBISHI	LM55P4				
E-16	3D PRINTER	LUZBOT	TAZ 6				
E-17	WATER COOLER	BRIO & MAGIC MOUNTAIN					
E-18	DRINKING FOUNTAIN	ELKAY	VRCLR8WSK				
E-19	MINI FRIDGE	SUMMIT	CT663BIADA				
E-20	LASER CUTTER	EPILOG	FUSION M2 40				
E-21	CNC ROUTER	ICONIC	i2015XM				
E-22	82" TELEVISION & LOW PROFILE VESA MOUNT	SAMSUNG	UN82NU8000				
E-23	PRINTER/COPIER	SAVIN	MP C2003				
E-24	VINYL CUTTER	ROLAND	GS-24 CAMM				
E-25	PLOTTER	HP	DESIGNJET T830 36 INCH				
E-26	3D PRINTER		ABS 3D PRINTER				
E-27	PEDESTAL WITH ADA DOOR OPENER PUSH PLATE & CARD READER	WIKK INDUSTRIES, INC.	BPS 1G CS 32D				
E-28	EXHAUST HOOD	CAPTIVEAIRE	SEE DRAWINGS				SEE SHEET FS-1.0
E-29	EXHAUST HOOD	CAPTIVEAIRE	SEE DRAWINGS				SEE SHEET FS-1.0
E-30	MOTORIZED TV CEILING MOUNT	DISPLAYS2GO	LMCKEMOT42				
E-31	LASER CUTTER	EPILOG	ZING 24				
E-32	EXHAUST HOOD	CAPTIVEAIRE	SEE DRAWINGS				SEE SHEET FS-1.0
E-33	ADA DOOR OPENER WALL BUTTON	STANLEY	CL4163 SQUARE				



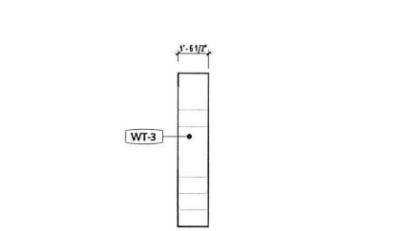
2 ENLARGED MAKERSPACE CASEWORK  
1/4" = 1'-0"



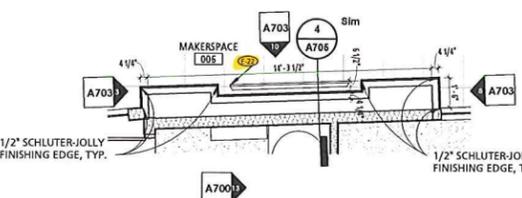
3 MAKERSPACE TV WALL ELEVATION  
1/4" = 1'-0"



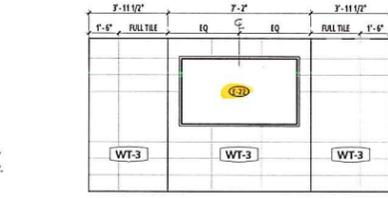
7 MAKERSPACE CASEWORK ELEVATION  
1/4" = 1'-0"



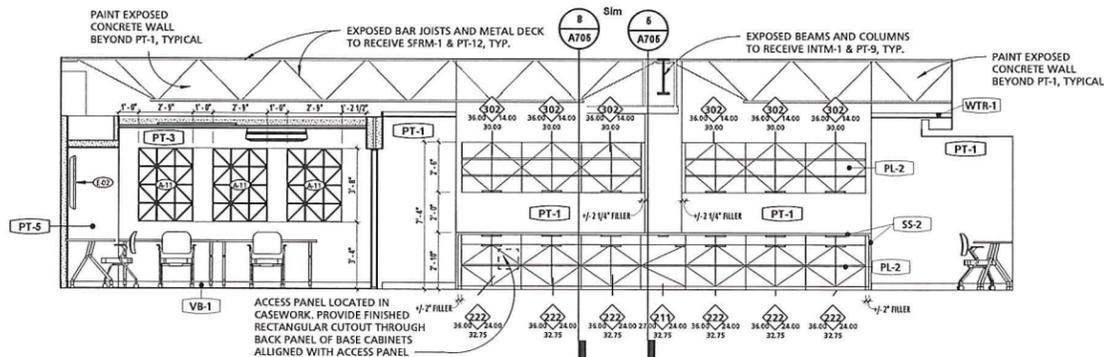
8 MAKERSPACE TV WALL ELEVATION  
1/4" = 1'-0"



9 ENLARGED MAKERSPACE TV WALL PLAN  
1/4" = 1'-0"

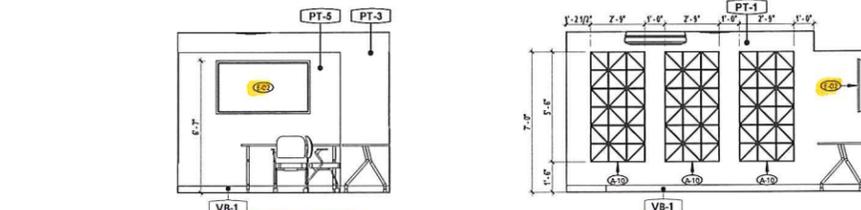


10 MAKERSPACE TV WALL ELEVATION  
1/4" = 1'-0"

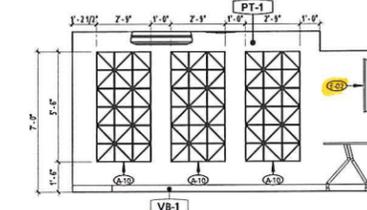


12 MAKERSPACE & AV ELEVATION  
1/4" = 1'-0"

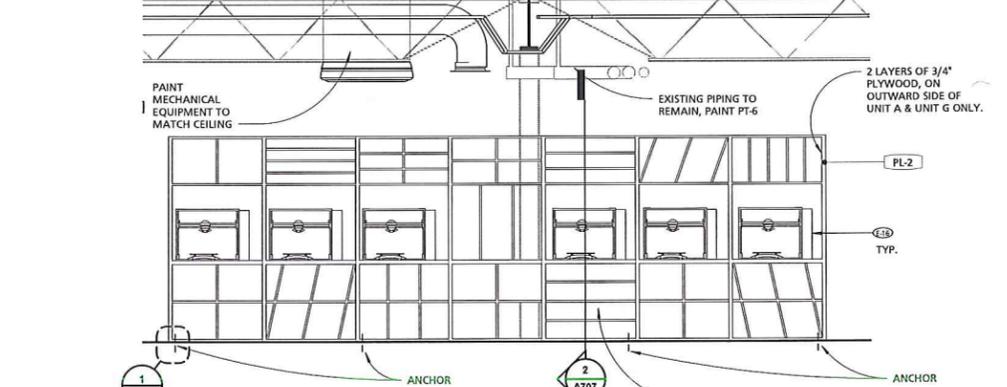
NOTE: ALL WALL CABINETS & BASE CABINETS SHALL BE LOCKABLE.



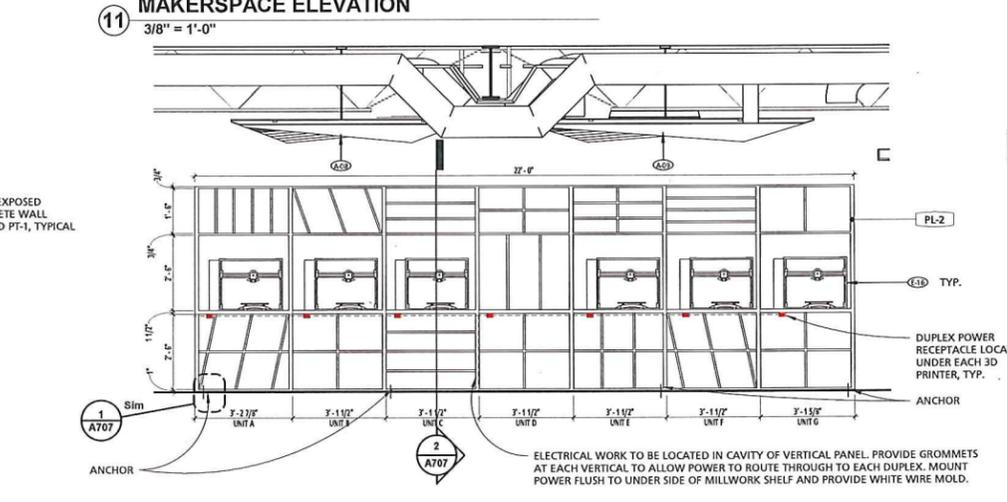
4 AUDIO VISUAL ELEVATION  
1/4" = 1'-0"



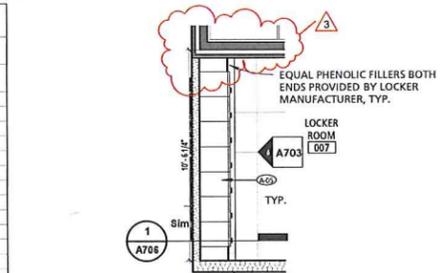
5 AUDIO VISUAL ELEVATION  
1/4" = 1'-0"



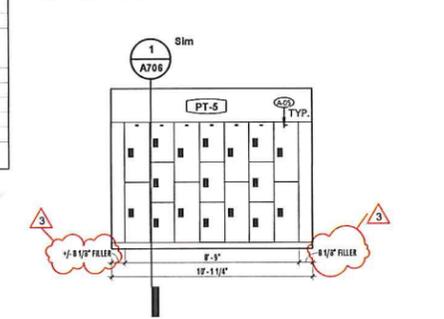
11 MAKERSPACE ELEVATION  
3/8" = 1'-0"



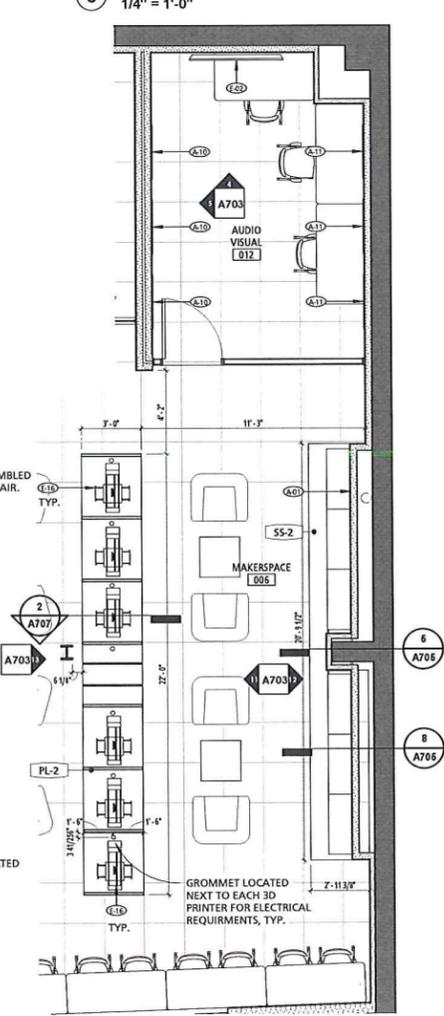
13 MAKERSPACE ELEVATION  
3/8" = 1'-0"



1 ENLARGED LOCKER ROOM PLAN  
1/4" = 1'-0"



6 LOCKER ROOM ELEVATION  
1/4" = 1'-0"



14 ENLARGED MAKERSPACE PLAN  
1/4" = 1'-0"

CONSULTANT:

SEAL:

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER: #15395 EXPIRATION DATE: 8-18-2020

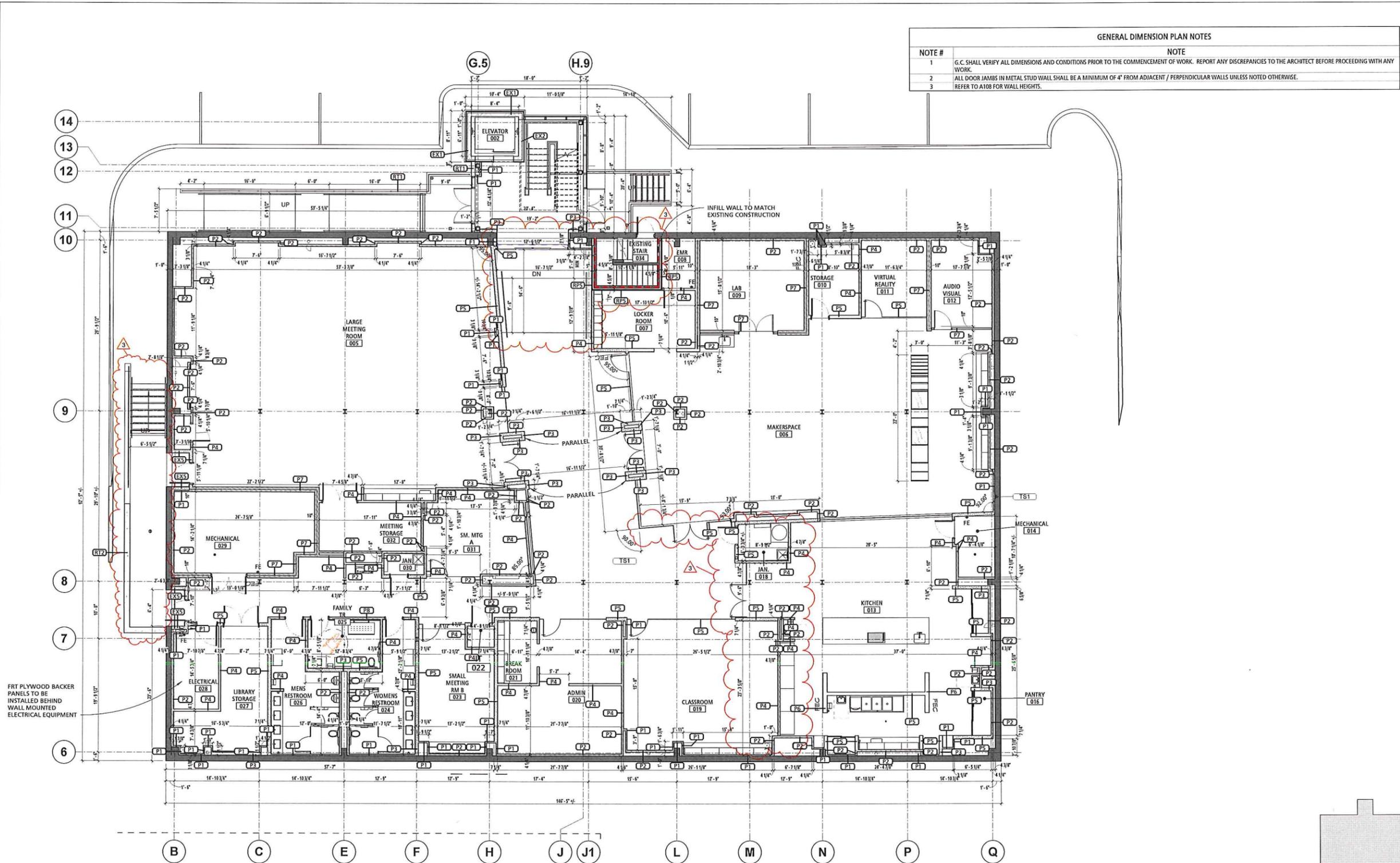
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10839-D PHILADELPHIA RD WWW.MWWSARCH.COM  
WHITE MARSH, MD 21162  
(P) 410-344-1460  
(F) 443-403-2460

ENLARGED PLANS & INT. ELEVATIONS  
THE COMMISSIONERS OF CARROLL COUNTY  
WESTMINSTER LIBRARY RENOVATION  
50 EAST MAIN STREET, WESTMINSTER  
MARYLAND 21157

NO.	DESCRIPTION	DATE
3	Permit Rev. #3	01/23/20
5	Revision #1	06/17/20

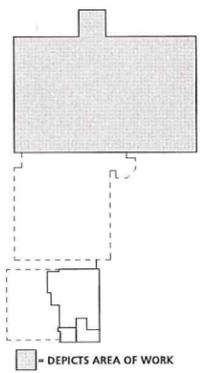
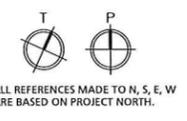
PROJECT NUMBER: 18-037  
PROJECT SET: REVISION #1  
DATE ISSUED: 06/17/2020  
DRAWING TITLE: ENLARGED PLANS & INT. ELEVATIONS  
SHEET NUMBER: **A703**

6/17/2020 1:40:18 PM



NOTE #	NOTE
1	G.C. SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH ANY WORK.
2	ALL DOOR JAMBS IN METAL STUD WALL SHALL BE A MINIMUM OF 4" FROM ADJACENT / PERPENDICULAR WALLS UNLESS NOTED OTHERWISE.
3	REFER TO A108 FOR WALL HEIGHTS.

**1 BASEMENT DIMENSION PLAN**  
1/8" = 1'-0"



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DIMENSION PLAN - BASEMENT FLOOR  
THE COMMISSIONERS OF CARROLL COUNTY  
WESTMINSTER LIBRARY RENOVATION  
50 EAST MAIN STREET, WESTMINSTER  
MARYLAND 21157

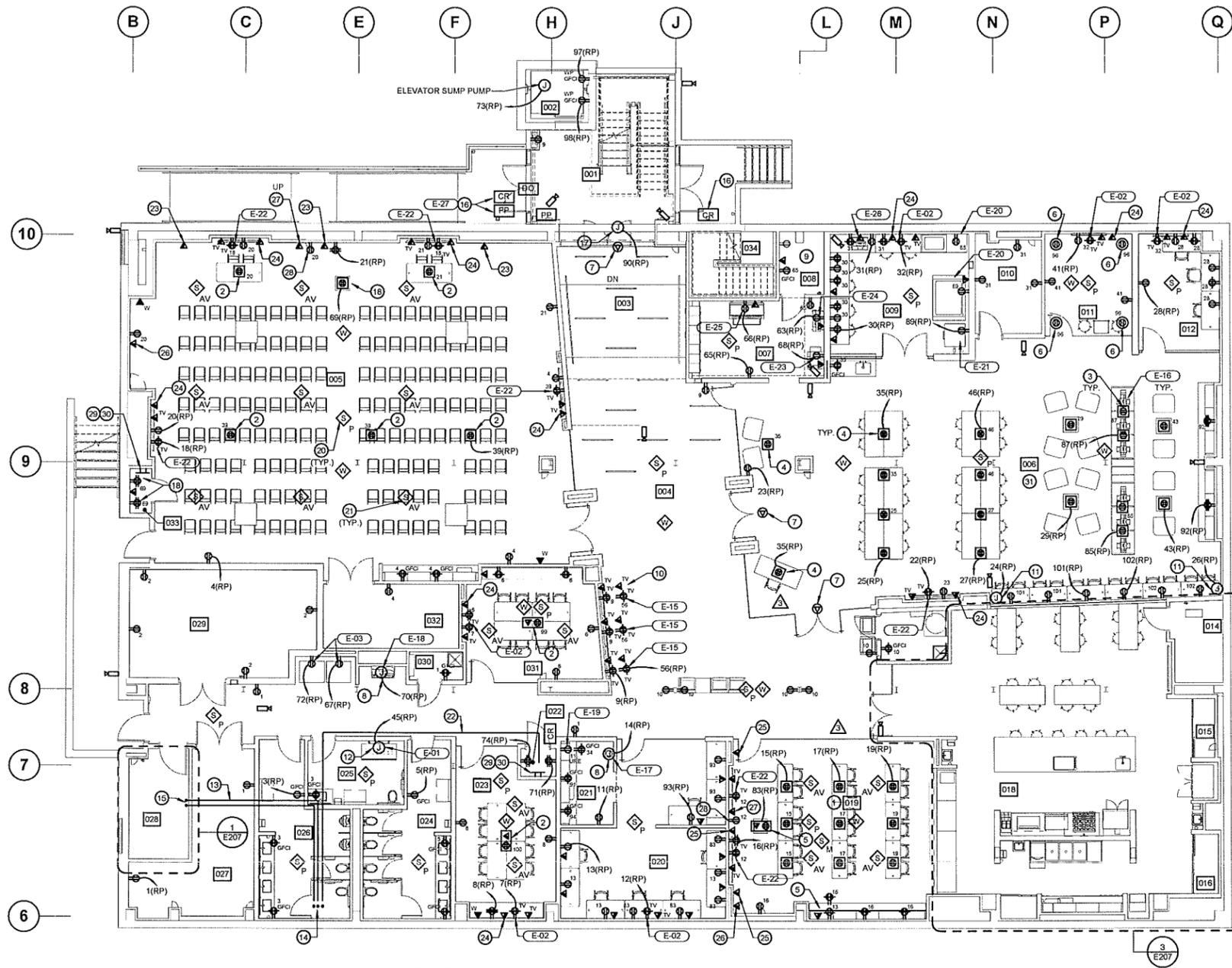
NO.	DESCRIPTION	DATE
3	Permit Rev. #3	01/23/20

PROJECT NUMBER:  
18-037  
PROJECT SET:  
BID DOCUMENTS  
DATE ISSUED:  
03/06/2020

DRAWING TITLE:  
DIMENSION PLAN -  
BASEMENT FLOOR

SHEET NUMBER:  
**A105**

3/4/2020 1:12:45 PM



BASEMENT ROOM LIST NEW	
001	VESTIBULE
002	ELEVATOR
003	LOBBY
004	GALLERY
005	LARGE MEETING ROOM
006	MAKERSPACE
007	LOCKER ROOM
008	EMR
009	LAB
010	STORAGE
011	VIRTUAL REALITY
012	AUDIO VISUAL
014	MECHANICAL
015	PANTRY
016	PANTRY
018	JAN.
019	CLASSROOM
020	ADMIN
021	BREAK ROOM
022	IT
023	SMALL MEETING RM A
024	WOMENS RESTROOM
025	FAMILY TR
026	MENS RESTROOM
027	LIBRARY STORAGE
028(RP)	ELECTRICAL
029	MECHANICAL
030	JAN.
031	SM. MTG A
032	MEETING STORAGE B
033	AV
034	EXISTING STAIR

CONSULTANT:  
**bkm**  
 Burdette, Kobler, Murphy & Associates, Inc.  
 1500 Park Lane, Suite 401 Baltimore, Maryland 21201  
 P: 410.222.1500 www.bkm.com

SEAL:  
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BASEMENT PLN - POWER & SYSTEMS - NEW  
 THE COMMISSIONERS OF CARROLL COUNTY  
 WESTMINSTER LIBRARY RENOVATION  
 50 EAST MAIN STREET, WESTMINSTER MARYLAND 21157

NO.	DESCRIPTION	DATE
3	Permit Rev. #3	01/20/20

PROJECT NUMBER:  
 18-037  
 PROJECT SET:  
 Bid Documents  
 DATE ISSUED:  
 3/6/2020  
 DRAWING TITLE:  
 BASEMENT PLAN  
 NORTH - POWER &  
 SYSTEMS - NEW WORK  
 SHEET NUMBER:  
**E201**

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**1 BASEMENT PLAN - NORTH - POWER & SYSTEMS - NEW WORK**  
 SCALE: 1/8" = 1'-0"

**GENERAL NOTES:**

- REFER TO E001 FOR ELECTRICAL LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- A VOICE EVACUATION/ALARM SYSTEM WILL BE PROVIDED FOR FIRE ALARM NOTIFICATION IN THE ENTIRE AREA OF WORK.
- EMBED CONDUIT FOR ALL FLOOR BOXES AND FLOOR RECEPTACLES IN TOPPING SLAB.
- ALL DEVICES SHOWN ON THIS PLAN SHALL BE CIRCUITED TO PANEL RP UNLESS OTHERWISE NOTED.
- ALL CONDUIT WITHIN THE VESTIBULE ON BOTH BASEMENT AND FIRST FLOOR LEVELS SHALL BE ORGANIZED AND NEATLY RUN ALONG THE UNDERSIDE OF EXPOSED BEAM/Ceilings. ALL CONDUIT SHALL FOLLOW THE PATH OF THE STRUCTURE AS CLOSELY AS POSSIBLE.
- REFER TO E601 FOR ELECTRICAL EQUIPMENT SCHEDULE.
- ALL IT AND AV CABLING IN THE BASEMENT SHALL BE IN CONDUIT UNLESS OTHERWISE NOTED.

**DRAWING NOTES:**

- TYPICAL IN THIS ROOM - SLAB ON GRADE FLOOR BOX WITH (2) DUPLEX RECEPTACLES. WET SAW CUT CONCRETE SLAB AS NECESSARY. BASIS OF DESIGN RFB2 BY LEGRAND.
- SLAB ON GRADE FLOOR BOX WITH (2) DUPLEX RECEPTACLES AND (4) DATA PORTS. WET SAW CUT CONCRETE SLAB AS NECESSARY. BASIS OF DESIGN RFB4 BY LEGRAND.
- RAISED FLOOR BOX RECEPTACLES FOR 3D PRINTERS. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION. BASIS OF DESIGN EFB4 BY LEGRAND. CUT PORTIONS OF SLAB OUT TO ATTAIN HEIGHT NEEDED FOR RAISED FLOOR BOX AS REQUIRED FOR INSTALLATION.
- RAISED FLOOR BOX WITH (2) DUPLEX RECEPTACLES AND (4) DATA PORTS. BASIS OF DESIGN EFB6 BY LEGRAND. CUT PORTIONS OF SLAB OUT TO ATTAIN HEIGHT NEEDED FOR RAISED FLOOR BOX AS REQUIRED FOR INSTALLATION.
- TRENCH FROM CASEWORK TO PODIUM OUTLET FOR AV CABLING. COORDINATE EXACT BOX TYPE WITH CARROLL COUNTY IT/AV.
- PROVIDE CEILING POWER FOR VIRTUAL REALITY SENSORS. COORDINATE EXACT INSTALLATION REQUIREMENTS WITH OWNER.
- PROVIDE CEILING MOUNTED DATA DROP FOR PEOPLE COUNTER (BY OTHERS).
- PROVIDE GFCI CIRCUIT BREAKER.

**DRAWING NOTES (CONTINUED):**

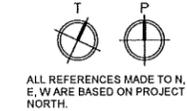
- REFER TO DRAWING E204 FOR ELEVATOR ROOM EQUIPMENT.
- PROVIDE POWER AND HDMI AS SHOWN TO EACH DISPLAY WALL MONITOR (TYP. OF 6 WALL MONITORS TOTAL). COORDINATE MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS. PROVIDE AV WIRING AND CONDUIT FROM AV CLOSET LOCATED IN LARGE MEETING ROOM 005.
- PROVIDE JUNCTION BOX AND POWER WHIP FOR TABLE POWER CONNECTION. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- PROVIDE POWER TO ADULT CHANGING STATION.
- PROVIDE (2) 3" CONDUITS ROUTED ABOVE CEILING FOR FEEDERS BETWEEN PANEL MDP AND PANEL MSDP. PROVIDE JUNCTION BOXES TO ACCOMMODATE CONDUIT BENDS AS REQUIRED PER NEC. PROVIDE NO MORE THAN (3) 90 DEGREE BENDS BETWEEN PULL POINTS. PULL POINTS MUST BE ACCESSIBLE.
- CONDUIT TURN UP.
- CONDUIT TURN DOWN.
- DEVICE MOUNTED ON PEDESTAL.
- PROVIDE POWER TO AUTOMATIC SLIDING DOOR.

**DRAWING NOTES (CONTINUED):**

- PROVIDE FLOOR BOX WITH (2) DUPLEX RECEPTACLES, (4) DATA PORTS, AND MICROPHONE CONNECTION. BASIS OF DESIGN RFB8 BY LEGRAND. RUN NEW CONDUIT IN TOPPING SLAB ON TOP OF EXISTING SLAB. FROM AV CLOSET TO PODIUM OUTLET AT FRONT OF ROOM FOR AV CABLING. PROVIDE TRENCHING FOR NEW BOX AND CONDUIT PENETRATIONS INTO BOX.
- DUPLEX RECEPTACLE MOUNTED TO UNDERSIDE OF CASEWORK. COORDINATE EXACT MOUNTING LOCATIONS AND REQUIREMENTS WITH CASEWORK INSTALLER. (TYP 7). SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.
- SPEAKERS FOR PHONE PAGING SYSTEM TO BE CONNECTED TO AV SYSTEM.
- SPEAKERS FOR AV SYSTEM TO BE CONNECTED TO ROOM BASED SV CONTROL.
- PROVIDE (2) 2" CONDUIT ROUTED ABOVE CEILING FOR IT WIRING BETWEEN FIRST FLOOR IT ROOM AND BASEMENT IT ROOM.
- PROVIDE JUNCTION BOX, CONDUIT, AND PULL STRING FOR CONNECTION FOR MICROPHONE.
- PROVIDE JUNCTION BOX, CONDUIT, AND PULL STRING FOR LAPTOP HDMI. MOUNT AT 18" AFF.
- PROVIDE JUNCTION BOX, CONDUIT, AND PULL STRING FOR CONNECTION FOR MICROPHONE. ROUTE CONDUIT BACK TO AV BASE CABINET LOCATED IN THIS ROOM.

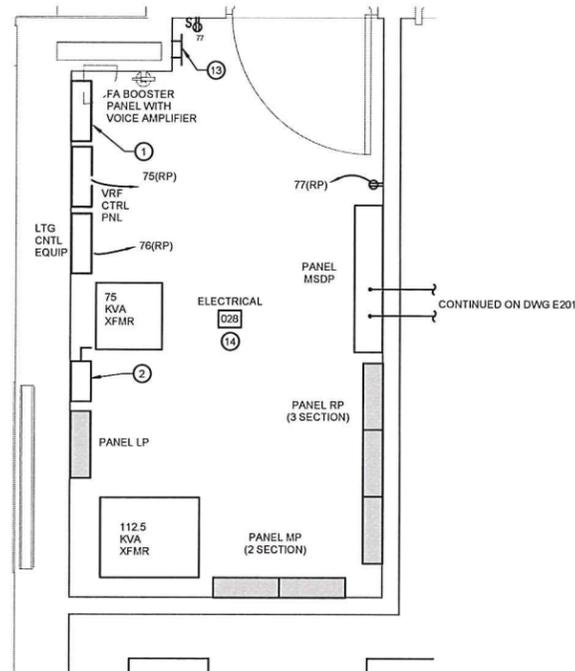
**DRAWING NOTES (CONTINUED):**

- PROVIDE JUNCTION BOX, CONDUIT, AND PULL STRING FOR AV TOUCHSCREEN.
- PROVIDE JUNCTION BOX, CONDUIT, AND PULL STRING FOR VIDEO CONFERENCING CAMERA. CENTER BETWEEN MONITORS. COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS.
- PROVIDE RECEPTACLE FOR VIDEO CONFERENCING CAMERA. CENTER BETWEEN MONITORS. COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS.
- PROVIDE MINIMUM 1/4" THICK, 2" TALL GROUND BUS BAR. SIZE LENGTH AS NEEDED PER QUANTITY OF CONNECTIONS. PROVIDE CONNECTION TO MAIN ELECTRICAL GROUND BAR IN ELECTRICAL ROOM USING #10 COPPER GRD.
- PROVIDE COPPER GROUNDING STRIPS FOR GROUNDING OF STATIC DISSIPATIVE TILES IN ROOMS 022 AND 033. COORDINATE QUANTITY, SIZE, AND INSTALLATION WITH MANUFACTURER REQUIREMENTS. PROVIDE CONNECTION FROM GROUNDING STRIPS TO GROUND BUS BAR IN THIS ROOM.
- FLEXIBLE METAL CONDUIT SHALL BE PERMISSIBLE UNDER RAISED FLOOR IN THIS AREA.

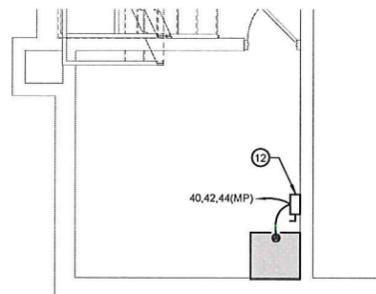


SCALE: 1/8" = 1'-0"

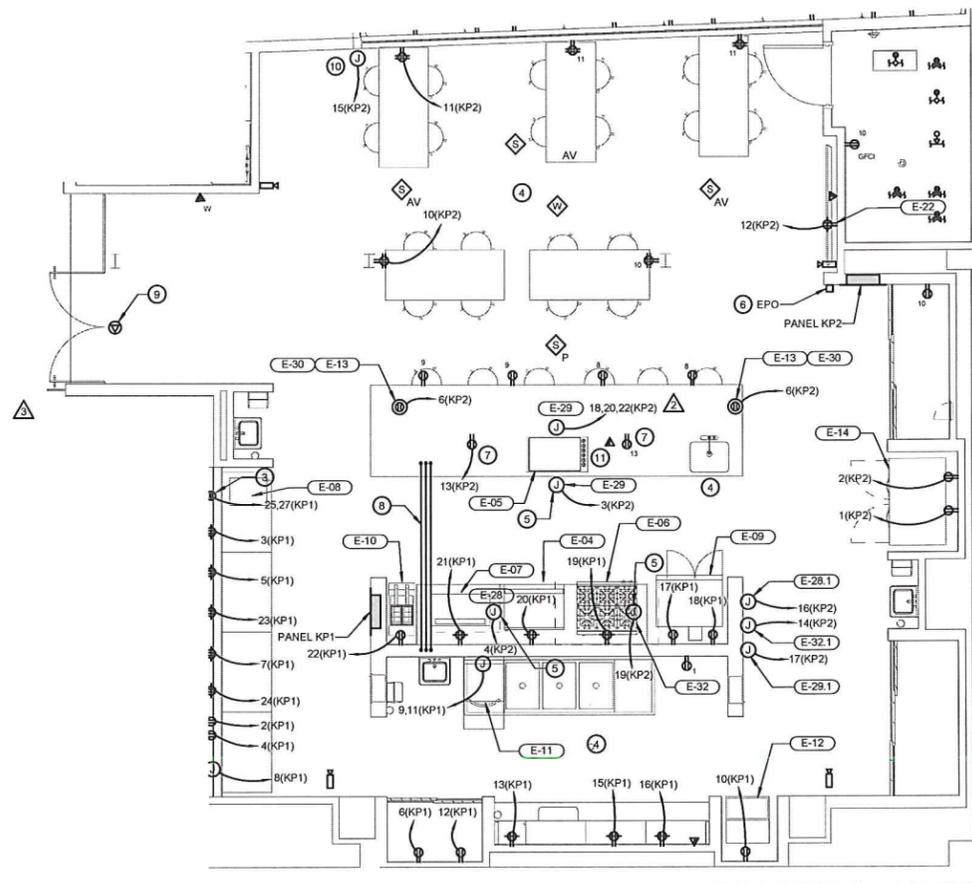
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1 PART BASEMENT PLAN - ELECTRICAL ROOM - NEW WORK  
SCALE: 1/2" = 1'-0"



2 BASEMENT PLAN - SOUTH ELECTRICAL - NEW WORK  
SCALE: 1/4" = 1'-0"



3 PART BASEMENT PLAN - KITCHEN - NEW WORK  
SCALE: 1/4" = 1'-0"

**GENERAL NOTES:**

- REFER TO E001 FOR ELECTRICAL LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- CONNECT NEW VOICE EVACUATION FIRE ALARM PANEL TO EXISTING MAIN FIRE ALARM PANEL LOCATED ON 1ST FLOOR EXISTING MAIN ELEC ROOM.
- PROVIDE NEW 208V, 3Ø, 250A ENCLOSED CIRCUIT BREAKER IN NEMA 1 ENCLOSURE.
- PROVIDE NEMA TYPE 6-20R RECEPTACLE.
- ALL NEMA5-20R RECEPTACLES IN KITCHEN AREAS SHALL BE GFCI TYPE.
- PROVIDE CONNECTION TO EXHAUST HOOD. FIELD COORDINATE EXACT LOCATION.
- PROVIDE EPO SYSTEM TO SHUT DOWN POWER TO ALL EQUIPMENT UNDER THE HOOD AND MAKE UP AIR UNITS. MEET THE REQUIREMENTS OF NFPA 96. COORDINATE FINAL LOCATION WITH FIRE MARSHALL. PROVIDE COORDINATION DRAWINGS IN A SUBMITTAL FOR REVIEW. IF REQUIRED BY AHJ, EPO SHALL ALSO SHUT OFF GAS SOLENOID VALVE.

**DRAWING NOTES:**

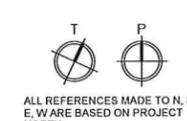
- CONNECT NEW VOICE EVACUATION FIRE ALARM PANEL TO EXISTING MAIN FIRE ALARM PANEL LOCATED ON 1ST FLOOR EXISTING MAIN ELEC ROOM.
- PROVIDE NEW 208V, 3Ø, 250A ENCLOSED CIRCUIT BREAKER IN NEMA 1 ENCLOSURE.
- PROVIDE NEMA TYPE 6-20R RECEPTACLE.
- ALL NEMA5-20R RECEPTACLES IN KITCHEN AREAS SHALL BE GFCI TYPE.
- PROVIDE CONNECTION TO EXHAUST HOOD. FIELD COORDINATE EXACT LOCATION.
- PROVIDE EPO SYSTEM TO SHUT DOWN POWER TO ALL EQUIPMENT UNDER THE HOOD AND MAKE UP AIR UNITS. MEET THE REQUIREMENTS OF NFPA 96. COORDINATE FINAL LOCATION WITH FIRE MARSHALL. PROVIDE COORDINATION DRAWINGS IN A SUBMITTAL FOR REVIEW. IF REQUIRED BY AHJ, EPO SHALL ALSO SHUT OFF GAS SOLENOID VALVE.

**DRAWING NOTES (CONTINUED):**

- PROVIDE RECEPTACLE MOUNTED INSIDE KITCHEN ISLAND DRAWER. COORDINATE INSTALLATION WITH KITCHEN ISLAND INSTALLER. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION. PROVIDE JUNCTION BOX AND MOUNTING HARDWARE AS REQUIRED.
- PROVIDE (3) 2" CONDUITS FROM COOKLINE WALL TO TEACHING ISLAND FOR POWER, DATA, AND AV. COORDINATE INSTALLATION AND TERMINATION WITH KITCHEN ISLAND INSTALLER. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION. TRENCH UNDER THE SLAB, DO NOT EMBED IN THE TOPPING SLAB. DATA + AV MAY SHARE ONE CONDUIT.
- PROVIDE CEILING MOUNTED DATA DROP FOR PEOPLE COUNTER BY OTHERS.
- PROVIDE POWER TO ROLLER SHADES AND WALL MOUNTED ROLLER SHADE CONTROLLER. PROVIDE LOW-VOLTAGE TRANSFORMER PER MANUFACTURER REQUIREMENTS. PROVIDE WIRING AND CONDUIT FOR LOW VOLTAGE CONNECTIONS BETWEEN TRANSFORMER, CONTROLLER, AND SHADES PER MANUFACTURER REQUIREMENTS.
- PROVIDE CONNECTION FOR CAMERA CONTROL SYSTEM. COORDINATE MOUNTING AND INSTALLATION WITHIN TEACHING ISLAND WITH AV INSTALLER.
- PROVIDE 480V, 3Ø, 30A NFSS IN NEMA 1 ENCLOSURE FOR CONNECTION TO GAS BOOSTER. THE CIRCUIT FROM THE DISCONNECT TO THE UNIT AND THE HOMERUN SHALL BE MIN 3/12 & #12 GND IN 3/4" CONDUIT. PROVIDE ALL REQUIRED MOUNTING HARDWARE. ENSURE ALL NEC CLEARANCES ARE MET.
- PROVIDE MINIMUM 1/4" THICK, 2" TALL GROUND BUS BAR. SIZE LENGTH AS NEEDED PER QUANTITY OF CONNECTIONS. PROVIDE CONNECTIONS TO IT CLOSETS AND MAIN ELECTRICAL ROOM GROUND BAR USING #10 COPPER GRD.
- PROVIDE LAYOUT OF THIS ROOM IN A SUBMITTAL FOR REVIEW SHOWING ALL PROPOSED EQUIPMENT.

**KITCHEN/HOOD GENERAL NOTES:**

- ELECTRICAL CONNECTIONS, FIRE ALARM CONNECTIONS, BRANCH CIRCUITS, CIRCUIT BREAKERS, QUANTITIES, AND LOCATIONS OF KITCHEN EQUIPMENT (INCLUDING THE HOODS) ARE BASED ON THE BASIS OF DESIGN KITCHEN EQUIPMENT. IF EQUIPMENT IS SUBMITTED OTHER THAN THE BASIS OF DESIGN, THE CONTRACTOR SHALL BEAR THE RESPONSIBILITY OF COORDINATING ALL EQUIPMENT POWER / CONTROL CONNECTIONS. ALL REQUIRED DESIGN SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- THE ATC CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL HOOD CONTROLS IN THE KITCHEN. CONFIRM THAT ELECTRICAL CONTRACTOR, FIRE ALARM CONTRACTOR, KITCHEN EQUIPMENT CONTRACTOR, MECHANICAL CONTRACTOR, AND ALL OTHER TRADES PROVIDE WHAT IS REQUIRED FOR PROPER HOOD CONTROL OPERATION PER THE DESIGN INTENT AND PER NFPA 96-2017 REQUIREMENTS. ENSURE THAT ALL REQUIRED RELAYS, POWER SUPPLIES, CONTROLS, CONTROL CABINETS, CONDUIT, WIRE, CIRCUIT BREAKERS, ETC. ARE PROVIDED FOR A COMPLETE SYSTEM. PROVIDE ALL REQUIRED LABOR HOURS AS NEEDED TO COORDINATE BETWEEN THE TRADES REQUIRED FOR A COMPLETE HOOD CONTROL SYSTEM. ATC CONTRACTOR SHALL REVIEW ALL PERTINENT SUBMITTALS DURING THE SHOP DRAWING PHASE AND ENSURE THAT ALL REQUIRED COMPONENTS ARE PROVIDED BY THE OTHER TRADES. THE ATC CONTRACTOR SHALL DEVELOP AND PROVIDE A COMPREHENSIVE HOOD CONTROL DIAGRAM AND SEQUENCE OF OPERATIONS BASED ON SUBMITTED EQUIPMENT BY ALL OF THE TRADES. IN THE DIAGRAMS, PROVIDE ALL MECHANICAL AND ELECTRICAL COMPONENTS REQUIRED FOR THE SYSTEMS. SUB SYSTEMS PROVIDED BY OTHER TRADES SHALL BE INCLUDED IN THESE DIAGRAMS. THESE DIAGRAMS AND SEQUENCE WILL BE REVIEWED BY THE MECHANICAL AND ELECTRICAL ENGINEERS OF RECORD. APPROVAL BY THE ENGINEERS OF RECORD SHALL BE REQUIRED PRIOR TO FABRICATION OR INSTALLATION.
- CIRCUITS SHOWN IN KITCHEN ARE CIRCUITED TO PANELS KP1 OR KP2 AS INDICATED. CIRCUIT BREAKERS IN THESE PANELS SHALL SERVE AS THE DISCONNECTING MEANS IN LIEU OF DISCONNECT SWITCHES.
- PROVIDE REQUIRED CONTROL WIRING IN CONDUIT FROM ANSUL SYSTEM MICROSWITCHES TO KP1. MCB AND MAU CIRCUIT BREAKER IN PANEL MP SHUNT COILS. DURING A FIRE SUPPRESSION EVENT, THE ANSUL PANEL SHALL CAUSE THE CIRCUIT BREAKERS IN QUESTION TO TRIP. COORDINATE WITH ELECTRICAL PANEL SUPPLIER AND ANSUL PANEL SUPPLIER. PROVIDE FIRE ALARM MONITORING MODULE AND ALL REQUIRED WIRING IN CONDUIT FOR CONNECTING THE ANSUL PANEL MICROSWITCHES TO THE FIRE ALARM PANEL (FOR MONITORING). ADDITIONALLY, PROVIDE FIRE ALARM MONITORING MODULES AND ALL REQUIRED WIRE IN CONDUIT FOR MONITORING THE POWER SOURCE OF THE ELECTRICAL PANELS' CIRCUIT BREAKERS SHUNT COILS. REPORT SYSTEM TROUBLE UPON LOSS OF SHUNT COIL POWER. PROVIDE 1" CONDUIT AS NEEDED FOR ANSUL SYSTEM PULL STATION AND HEAT DETECTOR FUSIBLE LINK. THESE DEVICES ARE MECHANICAL, NOT ELECTRICAL. THE CONDUIT IS TO HOUSE MECHANICAL CABLES ONLY. PROVIDE ELECTRICAL BOXES AS NEEDED FOR DEVICE MOUNTING AS WELL. COORDINATE ALL WORK WITH THE KITCHEN CONTRACTOR.
- PROVIDE INTERFACE TO FIRE ALARM CONTROL PANEL FOR HOOD CONTROL PANEL. PROVIDE ADDITIONAL 120V CIRCUITS AND FIRE ALARM INTERFACES IF NEEDED FOR MULTIPLE MARVEL PANELS. INTERFACE BETWEEN FIRE ALARM AND MARVEL PANEL SHALL COMMAND HOOD EXHAUST TO RAMP UP DURING ANSUL SYSTEM DISCHARGE EVENT. PROVIDE ADDITIONAL FIRE ALARM INTERFACE TO B.A.S. IF NEEDED. COORDINATE ALL WORK WITH ATC, FIRE ALARM AND KITCHEN EQUIPMENT CONTRACTORS.



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SEAL: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER: 2743 EXPIRATION DATE: 01/15/2021.

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PART FLOOR PLANS - ELEC - NEW WORK  
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NO.	DESCRIPTION	DATE
2	Permit Rev. #2	12/20/19
3	Permit Rev. #3	01/23/20

PROJECT NUMBER: 18-037  
PROJECT SET: Bid Documents  
DATE ISSUED: 3/9/2020  
DRAWING TITLE: PART FLOOR PLANS - ELEC - NEW WORK  
SHEET NUMBER: **E207**

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