



DASNY

ANDREW M. CUOMO
Governor

ALFONSO L. CARNEY, JR.
Chair

REUBEN R. MCDANIEL, III
President & CEO

SECTION A

ALBANY (HEADQUARTERS): 515 Broadway, Albany, NY 12207 | 518-257-3000

NEW YORK CITY: One Penn Plaza, 52nd Floor, New York, NY 10119 | 212-273-5000

BUFFALO: 539 Franklin Street, Buffalo, NY 14202 | 716-566-4400

ROCHESTER: 3495 Winton Place, Building C, Suite 1, Rochester, NY 14623 | 585-461-8400

DORMITORY AUTHORITY STATE OF NEW YORK

**WE FINANCE, DESIGN & BUILD
NEW YORK'S FUTURE.**

www.dasny.org

BID NO.: 698

PROJECT NAME & LOCATION:

Queens College – Louis Armstrong Center
34-49 107th Street
Corona, NY 11368

Description: Furnish, Deliver and Install Audio Visual Equipment

Bid Open Location: DASNY

515 Broadway, Albany, NY 12207

Bid Open Date: May 17, 2021

Contact: Stacie Craft
scraft@dasny.org

Bid Open Time: 2:30 p.m.

NOTICE TO BIDDERS

MAIL BIDS EARLY

Sealed bids will be received by DASNY at the above address for the items listed in the attached Bid Breakdown and Schedule. When submitting your bid you must:

1. Prepare your bid on the attached Bid Breakdown and Schedule. Return one signed original of the Bid Breakdown and Schedule
2. If your bid deviates from Specifications, explain such deviations or qualifications on your letterhead, setting forth therein such explanations, and attach them to the Bid Breakdown and Schedule.
3. Submission of a bid constitutes full knowledge and acceptance of all provisions of the Notice to Bidders, all information referenced in the Purchasing General Conditions, Supplemental and Detailed Specifications, the Bid Submission and any Supplemental General Requirements contained herein, as well as any addenda issued in relation to the Invitation for Bids.

4. Each bid shall bear on the outside of the envelope the name of the bidder, address, telephone number and designated as a bid for the following:
DASNY Bid No. 698 - Furnish, Deliver & Install Audio Visual Equipment
Bid Opening Date: May 17, 2021 @ 2:30PM
Return to:
DASNY
Attn: Purchasing Unit
515 Broadway
Albany, NY 12207-2964



Bid No.: 698

When a sealed bid is placed inside another delivery jacket, the bid delivery jacket must be clearly marked on the outside **"BID ENCLOSED"** and **"ATTENTION: PURCHASING UNIT"**. The Dormitory Authority will not be responsible for receipt of bids which do not comply with these instructions.

5. Mail bid responses early in order for them to be received before the time of the bid opening. **Late bids will be automatically rejected.** Individuals submitting bids in person or by private delivery services should allow sufficient time for processing through building security to assure that the bids are received prior to the deadline for submitting bids. All individuals who plan to attend bid openings will be required to present government-issued picture identification to building security officials and obtain a visitor's pass prior to attending the bid opening.
6. In accordance with State Finance Law § 139-j and 139-k, this solicitation includes and imposes certain restrictions on communications between Dormitory Authority personnel and an Offerer during this procurement process. Designated contact for this solicitation is: Stacie Craft, at Dormitory Authority – State of New York, 515 Broadway, Albany, NY 12207, (518) 257-3085. Contacts made to other Dormitory Authority Personnel regarding this procurement may disqualify the Offerer and affect future procurements with governmental entities in the State of New York. Please refer to the Authority's website www.dasny.org for Authority policy and procedures regarding this law, or the NYS office of General Services website www.ogs.ny.gov/BU/PC/ for more information about this law.



Bid No.: 698

If you are not submitting a bid it is requested that you complete and return the lower portion of this form

(Please check all that apply and provide comments in the space provided, if necessary)

- | | |
|---|--|
| <input type="checkbox"/> We are not Submitting a bid. | <input type="checkbox"/> We Request removal of our name from the mailing list. |
| <input type="checkbox"/> Location of the job site. | <input type="checkbox"/> Commodity is not carried by our company. |
| <input type="checkbox"/> Scope is too large. | |

Other/Additional Explanation: _____

NAME OF BIDDER: _____

ADDRESS : _____

Street
Telephone

City

State

Zip

Signature of Bidder

Official Title

CLAUSES PURSUANT TO THE OMNIBUS PROCUREMENT ACT OF 1992

It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority and woman-owned business enterprises as bidders, subcontractors and suppliers on its procurement contracts.

Information on the availability of New York subcontractors and supplies is available from:

Empire State Development
Small Business Division
30 South Pearl Street, 7th Floor
Albany, NY 12207
Phone: (800) 782-8369

A directory of minority and woman-owned business enterprises is available from:

Empire State Development
Division of Minority and Women Business Development
30 South Pearl Street
Albany, NY 12207
Phone: (518) 292-5250

Online Directory: <https://ny.newnycontracts.com/FrontEnd/VendorSearchPublic.asp>

DASNY maintains a directory of minority and women-owned business enterprises:
<http://www.dasny.org/construc/mwsbereg/index.php>

The contractor acknowledges notice that New York State may seek to obtain offset credits from foreign countries as a result of this contract and agrees to cooperate with the State in these efforts.

DASNY encourages the use of recycled Materials in the manufacturing process. To that end, the recycled product must meet the same codes, specifications and standards the non-recycled materials do, including requirements for cost, installation, aesthetics, availability and maintenance.

The Omnibus Procurement Act of 1992 and § 2879 of the NYS Public Authorities Law require that by signing this bid, contractors certify that whenever the total bid amount is greater than \$1 million:

1. The contractor has made reasonable efforts to encourage the participation of New York State Business Enterprises as suppliers and Subcontractors on this project, and has retained the documentation of these efforts to be provided upon request to the State. If the contractor determines that NYS business enterprises are not available to participate on the contract as subcontractors or suppliers, the contractor shall provide a statement indicating the method by which such determination was made. If the contractor does not intend to use subcontractors, contractor shall provide a statement verifying such;
2. The contractor has complied with the Federal Equal Opportunity Act of 1972 (PL 92-261), as amended; and
3. The contractor agrees to make reasonable efforts to provide notification to New York State residents of employment opportunities on this project through listing any such positions with the Job Service Division of the New York State Department of Labor, or providing such notification in such manner as is consistent with existing collective bargaining contracts or agreements. The contractor agrees to document these efforts and to provide said documentation to the State upon request.

DASNY is required by law to notify the NYS Department of Economic Development of any procurement contract for one million dollars or more that is to be awarded to an out-of-state vendor. This notice must be done simultaneous to the notification of award provided to the vendor. A purchase order or contract cannot be issued until fifteen (15) days after such notification is provided.

GENERAL SPECIFICATIONS

- (1) The enclosed Purchasing General Conditions are hereby incorporated by reference. Submission of a bid response shall constitute acceptance of such conditions. Any exceptions/clarifications/qualifications to these conditions or other specifications and/or requirements contained herein must be clearly stated in the bid response and, depending upon the nature of such, may be grounds for rejection of your bid.
- (2) Bids must be submitted in the bidder's full legal name, or the bidder's full legal name plus a registered assumed name, if any.
- (3) All NYS bidders are required to be registered to do business with the NYS Department of State or their local County Clerk, whichever is applicable.
- (4) All out-of-state bidders will be required to provide proof of registration to do business in their state. All out-of-state bidders that "do business in New York State" **MUST BE REGISTERED WITH THE NYS DEPARTMENT OF STATE**. Please contact the NYS Department of State at (518) 473-2492. Information is available at the DOS website: www.dos.ny.gov
- (5) DASNY is required by law to notify the Empire State Development of any procurement contract for one million dollars or more that is to be awarded to an out-of-state vendor. This notice must be done simultaneous to the notification of award provided to the vendor. A purchase order or contract cannot be issued until fifteen (15) days after such notification is provided.
- (6) Empire State Development is required by law to identify states and other jurisdictions that impose preferences or other penalties against New York bidders. DASNY is precluded from soliciting bids or entering into procurement contracts with companies that have their principal place of business located in one of the listed jurisdictions, unless the procurement is for a product that is substantially manufactured in New York State or the services are to be performed in New York State. Currently, this list of jurisdictions includes the states of Alaska, Hawaii, Louisiana, South Carolina, West Virginia and Wyoming.
- (7) Unless otherwise indicated, any reference to brands or model numbers is intended to establish a standard. Items of all manufacturers will be considered, provided the item is determined to meet or exceed the required specification. DASNY's decision as to whether a substitute item meets specification will be final. Your attention is directed to Article II-7, Page 5 of the General Conditions. In order to evaluate substitute items, detailed specifications must be submitted for any product that is other than the one(s) specified in the bid.

GENERAL SPECIFICATIONS CONTINUED

- (8) Unless otherwise noted, guarantee on all items is to be one year as detailed in Article XVI of the General Conditions
- (9) All upholstered furniture and drapery panels and lining must meet strict flammability requirements. Standards applicable to this bid, if any, will be delineated in the Detailed Specifications.
- (10) **LABOR/TRADES** - Any labor, materials or means whose employment, or utilization during the course of this contract, shall not in any way cause or result in strike, work stoppages, delays, suspension of work; or similar troubles by workers employed by this contractor or his subcontractors, or by any of the trades working in or about the buildings and premises where work is being performed. Any violation by the contractor of this requirement may in the sole judgment of DASNY be considered as proper and sufficient cause for declaring the contractor to be in default, and for the owner to take action against him as set forth in the Purchasing General Conditions, Article VIII, "Termination", or such other action as DASNY may deem proper.
- (11) Bid results are available on the DASNY website (www.DASNY.org). Bid results will not be given over the phone.
- (12) If you are a NYS Certified Minority or Women Owned Business, please include a copy of your certification with the bid.



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SUPPLEMENTAL SPECIFICATIONS

The following items are attached for informational purposes. Referenced documents need not be returned with the proposal. These documents are only applicable to the successful bidder and the ensuing procurement contract. Documents are only applicable to the successful bidder and the ensuing procurement contract. Documents applicable to the procurement that will result from this Invitation for Bids are designated by a check box (☒). Unless otherwise indicated, the referenced documents are located at the end of this Invitation for Bids.

- ☒ **Purchasing General Conditions** – The DASNY Purchasing General Conditions contains terms and conditions of purchases made by DASNY. It is recommended that this document be reviewed fully.
- ☒ **M/WBE Utilization Plan and Request for Waiver** - Minority and Women-Owned Business Enterprise (M/WBE) goals for this project are 18% and 12%, respectively. The successful bidder shall be required to complete a Utilization Plan or Request for Waiver, to be approved by DASNY's Opportunity Programs Group. Reference Purchasing General Conditions, Article XIX, Affirmative Action for Contracts Mr. Michael Clay, DASNY Opportunity Programs Group at (518) 257-3464, is available to assist all bidders in attaining these goals. *Reference the enclosed "Good Faith Efforts Guidelines".*
- ☒ **Supplemental General Requirements** – Attached (if applicable) are the Supplemental General Requirements (SGRs) which provide important logistical information and additional conditions which govern this procurement. Please read these SGRs carefully.
- ☒ **Form of DASNY Contract** – The procurement resulting from the Invitation for Bids will be executed through a DASNY purchase order and a related contract. The contract executed with the successful bidder will be in the same substantial form as the attached "Form of Contract". Note that this Invitation for Bids and any response to such will be annexed as binding terms of the purchase agreement.
- ☒ **Certificate of Insurance** (*sample enclosed*) – The successful bidder will be required to provide a Certificate of Insurance pursuant to Article XIV of the enclosed Purchasing General Conditions. The certificate shall name DASNY and other designated parties as additional insureds.

SUPPLEMENTAL SPECIFICATIONS CONTINUED

- ☒ **Worker's Compensation / Disability Insurance** – The successful proposer will be required to provide specific documentation with respect to Worker's Compensation and Disability Insurance pursuant to Article XIV of the enclosed Purchasing General Conditions. Requirements are detailed in the enclosed "Workers' Compensation and Disability Benefits Requirements" document.
- ☒ **Prevailing Wage Schedule** – NYS Labor Law requires all wages paid by contractors and subcontractors on public work projects be paid at the prevailing wage rates. Enclosed is the current rate schedule for the appropriate county. Contractors and Subcontractors are responsible for obtaining current rates throughout the course of the project. The NYS Department of Labor (NYS DOL) updates these rates on July 1st of each year. Current rates can be obtained on the NYS DOL website (www.labor.state.ny.us) or by fax at (518) 485-1870. Note that an executed Contractor and Subcontractor Certification and certified payrolls, which include the hours and days worked by each workman, laborer or mechanic, the occupation at which he worked, the hourly wage rate paid and the supplements paid or provided, must be submitted with each and every payment requisition. **DASNY will not process an invoice without this information.** Forms are available on the DASNY website:
<http://www.dasny.org/construc/forms2/vendors.php>
- ☒ **Labor and Material Payment Bond** – The successful bidder must be prepared to provide surety bonds prior to award in accordance with Article XIV of the DASNY Purchasing General Conditions. The costs of these bonds are to be separately stated in the total bid price as indicated on the Bid Breakdown and Schedule.
- ☒ **Performance Bond** – The Successful bidder must be prepared to provide surety bonds prior to award in accordance with Article XIV of DASNY Purchasing General Conditions. The costs of these bonds are to be separately stated in the total bid price as indicated on the Bid Breakdown and Schedule.
- ☒ **Standard Vendor Responsibility Questionnaire (SVRQ)** – The successful proposer, in accordance with Article XXII of DASNY Purchasing General Conditions, will be required to complete the enclosed SVRQ. The award of a contract will be subject to a review of the information contained in these forms.

SUPPLEMENTAL SPECIFICATIONS CONTINUED

- ☐ **NYS Uniform Contracting Questionnaire (UCQ)** – The successful proposer will be required to complete the enclosed UCQ. The award of a contract will be subject to a review of the information contained in these forms.

- ☐ **DASNY Contractor and Consultant Questionnaire (CCQ)** – The successful proposer will be required to complete the enclosed CCQ. The award of a contract will be subject to a review of the information contained in these



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SUPPLEMENTAL GENERAL REQUIREMENTS

REQUESTS FOR INFORMATION “RFI’S”

All RFI’s shall be submitted to scraft@dasny.org. RFI’S are due by COB May 5, 2021. Responses to RFI’s will be posted to DASNY’s website no later than May 10, 2021.

SITE VISIT:

A Site Visit is scheduled for Monday, May 3, 2021 @ 10:00 a.m. Please meet Esteban Flores, DASNY Sr. Field Representative outside of the Queens College - Louis Armstrong Center at 34-49 107th Street, Corona, NY 11368. There is no on-site parking available at the Center, street parking is available.

DASNY Contact Information: Esteban Flores, (518) 461-4153 , EFlores@dasny.org

If you plan to attend the site visit, please send a confirmation email to Stacie Craft scraft@dasny.org and Esteban Flores at EFlores@dasny.org. Upon receipt of the confirmation, we will send you all site visit protocol.



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SCOPE OF WORK

Queens College - Louis Armstrong Center is seeking vendors to furnish, deliver and install audio visual equipment. All equipment furnished should be per the Detailed Specifications included in this Bid. All equipment should be fully integrated, installed and made ready for use. Training end users is included as part of this Bid.

Delivery and installation is anticipated to start June 2021 with an anticipated scheduled completion of June 30, 2021.



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Detailed Specifications

Louis Armstrong House Museum
 Audiovisual Equipment List
 L1 - Lobby Base Building

System	Location	Qty	Description	Make	Model
Level 1 - Lobby Base Building	Cellar [012]	2	Audiovisual Equipment Rack; 45RU x 27" Deep; Provide	Middle Atlantic	BGR-4527
Level 1 - Lobby Base Building	Cellar [012]	1	Custom DJ/AUX Input Wall Plate mounted on AV	Custom	By AV Contractor
Level 1 - Lobby Base Building	Cellar [012]	1	Audio DSP Mainframe	QSC	Core 110F
Level 1 - Lobby Base Building	Cellar [012]	2	Audio Amplifier; 100 Watts/ch (Configurable) x 4	QSC	SPA4-100
Level 1 - Lobby Base Building	Cellar [012]	1	3-Series Control System Room Media Controller	Crestron	RMCM3
Level 1 - Lobby Base Building	Lobby [101]	1	Network Audio Wireless Microphone Transceiver	Shure	MXWAPT4
Level 1 - Lobby Base Building	Lobby [101]	6	[S1] Ceiling Loudspeaker; 6.5" w/Transformer & Integrated Enclosure	JBL	Control 47 C/T
Level 1 - Lobby Base Building	Lobby [101]	1	[SW] Ceiling Subwoofer; 8" w/Transformer & Integrated Enclosure	JBL	Control 40CS/T
Level 1 - Lobby Base Building	Lobby [101]	1	[CP] 7" Touch Screen Control Surface (Mounted on Reception Desk) *Verify Color with Architect	Crestron	TSW-760
Level 1 - Lobby Base Building	Lobby [101]	2	[FB3] Network Audio Multi-I/O Audio Wall Plate	Atterotech	unD6IO
Level 1 - Lobby Base Building	East Lobby [101-4]	4	[S1] Ceiling Loudspeaker; 6.5" w/Transformer &	JBL	Control 47 C/T
Level 1 - Lobby Base Building	East Lobby [101-4]	1	[SW] Ceiling Subwoofer; 8" w/Transformer & Integrated Enclosure	JBL	Control 40CS/T

Louis Armstrong House Museum
Audiovisual Equipment List
L1 - Jazz Room [106]

System	Location	Qty	Description	Make	Model
Level 1 - Jazz Room	Jazz Room Control	1	Audiovisual Equipment Rack; 45RU x 27" Deep; Provide	Middle Atlantic	BGR-4527
Level 1 - Jazz Room	Jazz Room [106]	1	Custom Projector Mount from Pipe Grid	Custom	By AV Contractor
Level 1 - Jazz Room	Jazz Room [106]	1	133" [65" x 116"] 16.9 Motorized Projection Screen	Draper	Access FIT E P/N:139032QU
Level 1 - Jazz Room	Jazz Room [106]	3	[S3] Program Audio Loudspeaker 12" LF + 3" HF (verify	L'Acoustics	X12
Level 1 - Jazz Room	Jazz Room [106]	1	[SW2] Compact Program Audio Subwoofer 15"	L'Acoustics	SB15M
Level 1 - Jazz Room	Jazz Room Control Area [106-2]	1	Rack Mounted Amplified controller 4x1000W / 8 ohms	L'Acoustics	LA4X US
Level 1 - Jazz Room	Jazz Room Control Area [106-2]	1	Audio DSP Mainframe	QSC	Core 510i
Level 1 - Jazz Room	Jazz Room Control Area [106-2]	1	Dante Bridge Card; 64x64	QSC	CDN64
Level 1 - Jazz Room	Jazz Room Control Area [106-2]	2	Audio DSP Input Card 4-CH	QSC	CIML4-HP
Level 1 - Jazz Room	Jazz Room Control Area [106-2]	1	Audio DSP Output Card 4-CH	QSC	COL4
Level 1 - Jazz Room	Jazz Room Control Area [106-2]	1	Digital Mixing Console w/X-Dante Card	Behringer	X32
Level 1 - Jazz Room	Jazz Room [106]	1	16 input x 8 output Analog to Dante audio Stage Box	Yamaha	Rio1608-D2
Level 1 - Jazz Room	Jazz Room Control Area [106-2]	1	Quad-Channel Digital Wireless Microphone Receiver	Shure	ULXD4Q
Level 1 - Jazz Room	Jazz Room [106]	4	Digital Handheld microphone transmitter w/Beta 58A	Shure	ULXD2/KSM9
Level 1 - Jazz Room	Jazz Room [106]	1	[P2] 4K 6000lm Laser Projector	Canon	Realis 4K6020Z
Level 1 - Jazz Room	Jazz Room [106]	1	[P2] 4K 6000lm Laser Projector - Long Zoom Lens 2.19 -	Canon	RS-SL02LZ
Level 1 - Jazz Room	Jazz Room Control Area [106-1]	2	Mini Broadcast deck w/Unlimited duration Recording (SDI in/HDMI out)	Blackmagic	HyperDeck Studio Mini
Level 1 - Jazz Room	Jazz Room [106]	2	[FB2] Network Audio 2in/2out XLR Audio Plate	Atterotech	unDX2IO+
Level 1 - Jazz Room	Jazz Room [106]	1	[W1] Network Audio Multi-IO Audio Wall Plate	Atterotech	unD6IO
Level 1 - Jazz Room	Jazz Room Control Area [106-1]	1	Compact Remote Camera Controller	Panasonic	AW-RP50
Level 1 - Jazz Room	Jazz Room [106]	1	[C1] Pan-Tilt-Zoom Wall Mounted Camera with HDMI Output (Verify Color with Architect)	Panasonic	AW-HE130
Level 1 - Jazz Room	Jazz Room [106]	1	[C1] 4K HDMI over HDBaseT extender (Tx & Rx)	Crestron	HD-EXT4-C System
Level 1 - Jazz Room	Jazz Room Control Area [106-1]	1	[R2] Rolling 16RU AV Equipment Rack 28" Deep	Middle Atlantic	RFR-1628
Level 1 - Jazz Room	Jazz Room Control Area [106-1]	1	Custom DJ/AUX Input Wall Plate mounted on AV Equipment Rack	Custom	By AV Contractor
Level 1 - Jazz Room	Jazz Room Control Area [106-1]	1	Video Presentation matrix switcher	Crestron	DMPS3-4K-100
Level 1 - Jazz Room	Jazz Room Control Area [106-1]	1	Digital Media Matrix Switcher; 8x8	Crestron	DM-MD8x8-CPU3
Level 1 - Jazz Room	Jazz Room Control Area [106-1]	2	HDMI 4K Input Card	Crestron	DMC-4KZ-HD-DSP
Level 1 - Jazz Room	Jazz Room Control Area [106-1]	2	HDBT 4K Input Card	Crestron	DMC-4KZ-C-DSP
Level 1 - Jazz Room	Jazz Room Control Area [106-1]	2	HDMI 4k Output Card - 2CH	Crestron	DMC-4KZ-HDO
Level 1 - Jazz Room	Jazz Room Control Area [106-1]	2	HDBT 4k Output Card - 2CH	Crestron	DMC-4KZ-CO-HD
Level 1 - Jazz Room	Jazz Room Control Area [106-1]	1	[W1] Wall Plate 4K DM 8G+ Transmitter 100	Crestron	DM-TX-4K-100-C-
Level 1 - Jazz Room	Jazz Room Control Area [106-1]	1	[D2] 27" HDCP 2.2 4K Monitor (VESA 100)	Samsung	UE570
Level 1 - Jazz Room	Jazz Room Control Area [106-1]	1	10" Touch Screen Control Surface (Mounted on Control Room Desk) *Verify Color with Architect	Crestron	TSW-1060
Level 1 - Jazz Room	Jazz Room Control Area [106-1]	1	Control System Processor	Crestron	CP3N

Louis Armstrong House Museum
Audiovisual Equipment List
L1 - Green Area [107]

System	Location	Qty	Description	Make	Model
Level 1 - Green Area [107]	Green Area [107]	1	40" Direct-Lit LED Flat Panel Display	Samsung	DC40E
Level 1 - Green Area [107]	Green Area [107]	1	[D1] Small Thinstall Single Swing Arm Wall Display	Chief	TS110SU
Level 1 - Green Area [107]	Green Area [107]	1	Wall Plate Receiver & Room Controller	Crestron	DM-RMC-4K-100-C-

Louis Armstrong House Museum
Audiovisual Equipment List
L1 - Green Room [109]

System	Location	Qty	Description	Make	Model
Level 1 - Green Room [109]	Green Room [109]	1	49" Edge-Lit LED Flat Panel Display	Samsung	DC49H
Level 1 - Green Room [109]	Green Room [109]	1	[D1] Small Thinstall Single Swing Arm Wall Display	Chief	TS110SU
Level 1 - Green Room [109]	Green Room [109]	1	Wall Plate Receiver & Room Controller	Crestron	DM-RMC-4K-100-C-
Level 1 - Lobby Base Building	Green Room [109]	2	[S1] Ceiling Loudspeaker; 6.5" w/Transformer &	JBL	Control 47 C/T
Level 1 - Lobby Base Building	Green Room [109]	1	[D1] Audio Amplifier; 60 Watts/ch (Configurable) x 2	QSC	SPA2-60

Louis Armstrong House Museum
Audiovisual Equipment List
L2 - Reading Room [206]

System	Location	Qty	Description	Make	Model
Level 2 - Reading Room [206]	Reading Room [206]	1	49" Edge-Lit LED Flat Panel Display	Samsung	DC49H
Level 2 - Reading Room [206]	Reading Room [206]	1	[D1] Medium Thinstall Single Swing Arm Wall Display	Chief	TS110SU
Level 2 - Reading Room [206]	Reading Room [206]	1	Powered loudspeaker below Flat Panel Display	Innovox	FP-H2P
Level 2 - Reading Room [206]	Reading Room [206]	1	[W1] 4K HDMI over HDBaseT extender (Tx & Rx)	Crestron	HD-EXT4-C System
Level 2 - Reading Room [206]	Reading Room [206]	1	Wall Mounted Media Presentation Controller	Crestron	MPC3-102

Louis Armstrong House Museum
Audiovisual Equipment List
L2 - Office [204]

System	Location	Qty	Description	Make	Model
Level 2 - Office [204]	Office [204]	1	49" Edge-Lit LED Flat Panel Display	Samsung	DC49H
Level 2 - Office [204]	Office [204]	1	[D1] Medium Thinstall Single Swing Arm Wall Display	Chief	TS110SU
Level 2 - Office [204]	Office [204]	1	Powered loudspeaker below Flat Panel Display	Innovox	FP-H2P
Level 2 - Office [204]	Office [204]	1	[W1] 4K HDMI over HDBaseT extender (Tx & Rx)	Crestron	HD-EXT4-C System
Level 2 - Office [204]	Office [204]	1	Wall Mounted Media Presentation Controller	Crestron	MPC3-102



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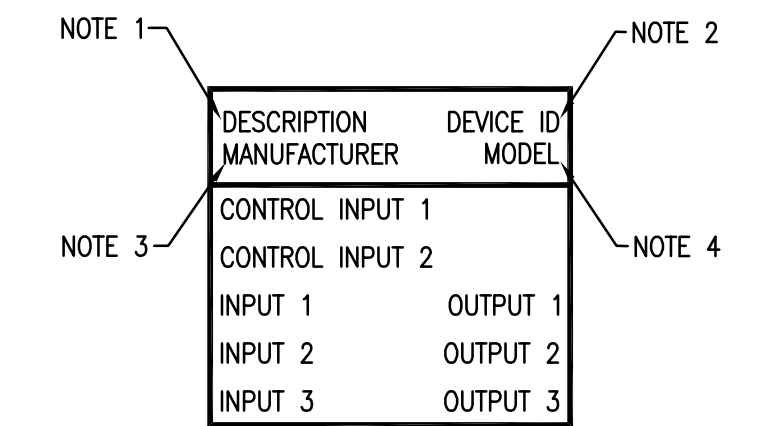
Drawings/Plans

See attached

AUDIOVISUAL GENERAL NOTES

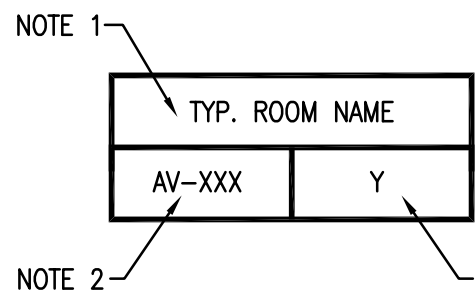
1. VERIFY SIZES, DIMENSIONS, AND LOCATIONS WITH ARCHITECTURAL AND INTERIORS DRAWINGS. WHERE CONFLICTS OCCUR, ARCHITECTURAL DRAWINGS TAKE PRECEDENCE.
2. ALL AUDIOVISUAL SYSTEM EQUIPMENT IS FOR REFERENCE ONLY. SUCH EQUIPMENT WILL BE PROVIDED AND INSTALLED BY THE AUDIOVISUAL CONTRACTOR, NOT THE GENERAL CONTRACTOR. ALL OTHER CONSTRUCTION WORK SHOWN ON THESE DRAWINGS IS BY THE GENERAL CONTRACTOR, COMMUNICATIONS CONTRACTOR, OR ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED.
3. WHERE METAL OR PLASTIC LOUDSPEAKER GRILLES ARE SHOWN INSTALLED IN PAINTED CEILING OR WALL SURFACES, THE GENERAL CONTRACTOR SHALL PAINT THE GRILLES TO MATCH THE ADJACENT SURFACE PRIOR TO ASSEMBLY AND INSTALLATION. SOUND SYSTEM CONTROL ROOM WALLS, FLOORS, CEILINGS, MILLWORK, EXPOSED STRUCTURAL ELEMENTS, AND FIXTURES SHALL BE FINISHED IN FLAT BLACK TO CONTROL LIGHT REFLECTIONS.
4. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NATIONAL, LOCAL, AND OTHER APPLICABLE CODES.
5. WHERE POWER, COMMUNICATION, OR AUDIOVISUAL JUNCTION BOXES MUST COORDINATE WITH FIXED MILLWORK OR ARCHITECTURAL FEATURES, REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS AND DETAILS.
6. WHERE POWER, COMMUNICATION, AND AUDIOVISUAL JUNCTION BOXES ARE GROUPED TOGETHER AT THE SAME LOCATION AND ELEVATION, INSTALL AS CLOSE TOGETHER AS PHYSICALLY POSSIBLE WITH SUFFICIENT SEPARATION FOR INDIVIDUAL DEVICE COVER PLATES.
7. POWER RECEPTACLES SHOWN ON THESE DRAWINGS ARE DEDICATED FOR USE WITH SPECIFIC AUDIOVISUAL DATA AND COMMUNICATIONS EQUIPMENT. ADDITIONAL UTILITY POWER RECEPTACLES MAY BE INDICATED ON ARCHITECTURAL DRAWINGS OR REQUIRED BY CODE.
8. ALL AUDIOVISUAL SYSTEM POWER CIRCUITS SHALL HAVE ISOLATED GROUNDS AND SHALL BE PROTECTED BY 20 AMPERE BREAKERS UNLESS OTHERWISE NOTED.
9. WHERE DUPLEX AND 4-PLY POWER RECEPTACLES ARE SHOWN ON THESE DRAWINGS WITHOUT REFERENCE TO A SPECIFIC CIRCUIT, PANEL OR ISOLATED GROUND, THESE RECEPTACLES MAY BE POWERED FROM STANDARD BUILDING POWER PANELS (NON-ISOLATED GROUND CIRCUITS) AND MAY BE COMBINED WITH OTHER CIRCUITS AND CONVENIENCE RECEPTACLES AS CODES AND GOOD ENGINEERING PRACTICE ALLOW.
10. WHERE POWER CIRCUITS ARE SHOWN TERMINATING IN JUNCTION BOXES WITHOUT RECEPTACLES, THE WIRES SHALL BE TAPED AND THE BOXES COVERED. THESE WILL BE CONNECTED BY THE ELECTRICAL CONTRACTOR DURING THE INSTALLATION OF SPECIAL AUDIOVISUAL EQUIPMENT, TO BE COORDINATED WITH THE AUDIOVISUAL CONTRACTOR.
11. AUDIOVISUAL SYSTEM POWER CIRCUITS SHALL BE KEPT ISOLATED FROM LIGHT DIMMERS, LARGE MOTORIZED EQUIPMENT, AND OTHER INDUCTIVE OR 'NOISY' ELECTRICAL LOADS.
12. EMPTY CONDUIT RUNS SHOWN ON THESE DRAWINGS SHOW ONLY INTERCONNECTIONS BETWEEN TERMINATION POINTS. THE EXACT PATH OF THE CONDUIT IS TO BE COORDINATED ON SITE.
13. WHERE POSSIBLE, EMPTY CONDUIT RUNS FOR AUDIOVISUAL SIGNAL CIRCUITS SHALL BE KEPT FOUR FEET FROM PARALLEL POWER CIRCUITS, AND TWO FEET FROM PERPENDICULAR POWER CIRCUIT CROSSINGS. EMPTY CONDUIT FOR AUDIOVISUAL SIGNAL CIRCUITS SHALL NOT RUN PARALLEL TO POWER CIRCUITS CLOSER THAN FOUR FEET FOR DISTANCES EXCEEDING 20 FEET.
14. ALL EMPTY CONDUIT SHALL BE 1" UNLESS OTHERWISE NOTED. ALL CONDUIT SHALL BE DEBURRED, CLEANED, CAPPED, TAGGED, AND FURNISHED WITH PULL STRINGS.
15. THERE SHALL BE A MINIMUM OF ONE PULL BOX FOR EVERY 100 FEET OF STRAIGHT EMPTY CONDUIT AND EXTRA PULL BOXES FOR EVERY TWO 90 DEGREE BENDS IN A CONDUIT RUN.
16. THE METHOD OF INSTALLATION OF BOXES AND THE PASSAGE OF CONDUIT THROUGH ACOUSTICALLY SENSITIVE WALLS SHALL BE COORDINATED WITH THE ACOUSTICAL CONSULTANT. ELECTRICAL JUNCTION BOXES RECESSED INTO ACOUSTICALLY SENSITIVE WALLS SHALL HAVE THEIR BACKS SEALED WITH ARTIHOIT ADHESIVE OUTLET PADS. JUNCTION BOXES PLACED BACK-TO-BACK ON ACOUSTICALLY SENSITIVE WALLS SHALL NOT SHARE THE SAME STUD CAVITY.

EQUIPMENT BLOCK DETAIL



- NOTES:
1. DESCRIPTION: THIS FIELD OF THE EQUIPMENT BLOCK IS A DESCRIPTION OF THE EQUIPMENT DEPICTED.
2. DEVICE ID: THIS FIELD OF THE EQUIPMENT BLOCK HEADER REPRESENTS A SPECIFIC EQUIPMENT ID TYPE ASSIGNED TO THE PARTICULAR TYPE OF DEVICE.
3. MANUFACTURER: THIS FIELD OF THE EQUIPMENT BLOCK HEADER REPRESENTS THE BASIS OF DESIGN EQUIPMENT MANUFACTURER.
4. MODEL: THIS FIELD OF THE EQUIPMENT BLOCK HEADER INDICATES THE BASIS OF DESIGN EQUIPMENT MODEL NUMBER.

TYPICAL ROOM TAG



- NOTES:
1. TYPICAL ROOM NAME
2. REFERENCE SHEET FOR ENLARGED PLAN OF TYPICAL ROOM PLAN.
3. REFERENCE DETAIL NUMBER OF TYPICAL ROOM PLAN

AUDIOVISUAL SYMBOLS AND LEGEND

- CONNECTOR ASSEMBLY. 'XX' INDICATES TYPE. REFERENCE WALL CONNECTOR ASSEMBLY SCHEDULE FOR ADDITIONAL INFORMATION.
- AUDIOVISUAL FLOORBOX, 'XX' INDICATES TYPE
- CEILING SPEAKER, 'XX' INDICATES TYPE
- AUDIOVISUAL CABLE CUBBY, 'XX' INDICATES TYPE
- EQUIPMENT RACK, 'RK-XX' INDICATES RACK TYPE
- CEILING MICROPHONE 'XX' INDICATES TYPE
- TABLE MICROPHONE 'XX' INDICATES TYPE
- CONTROL TOUCH PANEL, 'TP-XX' INDICATES TYPE
- FLAT SCREEN DISPLAY, 'DS-XX' INDICATES TYPE

ABBREVIATIONS		POWER/VOICE/DATA	
AFF	ABOVE FINISHED FLOOR	SYMBOL	DESCRIPTION
AFC	ABOVE FINISHED CEILING		ANNOTATION FOR RECEPTACLE WIRING DEVICES: - GF1 DENOTES GROUND FAULT TYPE - SS DENOTES SURGE SUPPRESSION TYPE - IG DENOTES ISOLATED GROUND TYPE - EM EMERGENCY TYPE
ATS	ABOVE TABLE SURFACE		QUAD RECEPTACLE WALL MOUNTED
AWG	AMERICAN WIRE GAUGE		DUPLEX RECEPTACLE CEILING MOUNTED
BFC	BELOW FINISHED CEILING		QUAD RECEPTACLE CEILING MOUNTED
dB	DECIBEL		DUPLEX RECEPTACLE FLUSH FLOOR MOUNTED
DSL	DIGITAL SUBSCRIBER LINE		QUAD RECEPTACLE FLUSH FLOOR MOUNTED
E/W	EQUIPPED WITH		RECESSED CEILING MOUNTED JUNCTION BOX
HDMI	HIGH DEFINITION MULTIMEDIA INTERFACE		FLUSH FLOOR MOUNTED JUNCTION BOX
IR	INFRARED		WALL MOUNTED DATA OUTLET BOX
ISDN	INTEGRATED SERVICES DIGITAL NETWORK		WALL MOUNTED VOICE/DATA OUTLET BOX
LAN	LOCAL AREA NETWORK		CEILING MOUNTED DATA OUTLET BOX
MATV	MASTER ANTENNA TELEVISION		FLOOR MOUNTED DATA OUTLET BOX
NIC	NOT IN CONTRACT	MISCELLANEOUS	
NTS	NOT TO SCALE	SYMBOL	DESCRIPTION
OEM	ORIGINAL EQUIPMENT MANUFACTURER		REFERENCE NOTE
OCFI	OWNER-FURNISHED CONTRACTOR INSTALLED		DETAIL REFERENCE.
OFE	OWNER-FURNISHED EQUIPMENT		- DETAIL DESIGNATION
RCP	REFLECTED CEILING PLAN		- SHEET NUMBER REFERENCE
PTZ	PAN, TILT, ZOOM		
RU	RACK UNIT (1.75")		
SPL	SOUND PRESSURE LEVEL		
TV	TELEVISION		
UON	UNLESS OTHERWISE NOTED		

SIGNAL TYPES			
— M —	MICROPHONE SIGNAL	— C —	PROPRIETARY CONTROL NETWORK SIGNAL
— L —	LINE LEVEL AUDIO SIGNAL	— RS-232 —	RS-232 CONTROL SIGNAL
— L/R —	STEREO LINE LEVEL AUDIO SIGNAL	— RS-422 —	RS-422 CONTROL SIGNAL
— AES —	AES/EBU DIGITAL AUDIO SIGNAL	— RS-485 —	RS-485 CONTROL SIGNAL
— SPK —	SPEAKER LEVEL AUDIO SIGNAL	— IRS —	INFRA RED SERIAL CONTROL SIGNAL
— 70V —	70 VOLT AUDIO SIGNAL	— REL —	RELAY / CONTACT CLOSURE
		— I/O —	LOGIC CONTROL SIGNAL
— V —	COMPOSITE VIDEO SIGNAL	— BUS —	PROPRIETARY COMMUNICATIONS BUS SIGNAL
— Y/C —	S-VIDEO SIGNAL	— TEL —	ANALOG TELEPHONE SIGNAL
— RGB —	COMPONENT VIDEO SIGNAL	— F —	FIBER OPTIC SIGNAL
— RGBHV —	RGBHV VIDEO SIGNAL	— UTP —	UNSHIELDED TWISTED PAIR
— SDI —	SDI VIDEO SIGNAL	— STP —	SHIELDED TWISTED PAIR
— HDSDI —	HDSDI VIDEO SIGNAL		
— RF —	MATV/CATV SIGNAL	— ENET —	ETHERNET SIGNAL
— ANT —	ANTENNA SIGNAL	— HDBT —	HD-BASE-T SIGNAL
— HDMI —	HDMI VIDEO SIGNAL		
— DP —	DISPLAY PORT VIDEO SIGNAL		

WALL CONNECTOR ASSEMBLY SCHEDULE

TYPE	DEVICE DESCRIPTION	INFRASTRUCTURE BOX	MOUNTING HEIGHT	MOUNTING TYPE
	FLAT PANEL DISPLAY BOX LOCATION	FSR INC., MODEL PWB-250	REFERENCE EXHIBIT DESIGN ELEVATIONS AND DETAILS FOR EXACT MOUNTING HEIGHT. COORDINATE EXACT LOCATION WITH ARCHITECTURAL	FLUSH MOUNTED
	CONTROL ROOM VIDEO MONITOR DISPLAY LOCATION	1-GANG JUNCTION BOX	18" ABOVE TABLE SURFACE	FLUSH MOUNTED
	AUDIOVISUAL INPUT LOCATION	4 GANG JUNCTION BOX	6" ABOVE TABLE SURFACE	FLUSH MOUNTED
	AUDIOVISUAL INPUT LOCATION	2-GANG JUNCTION BOX	18" AFF	FLUSH MOUNTED
	AUDIOVISUAL EQUIPMENT RACK LOCATION	8" X 24" X 6" PULL BOX	84" AFF	SURFACE MOUNTED
	AUDIOVISUAL PORTABLE EQUIPMENT RACK LOCATION	8" X 24" X 6" PULL BOX	24" AFF	FLUSH MOUNTED
	AUDIOVISUAL CONTROL PANEL INTEGRATED INTO RECEPTION DESK	GROMMET HOLE IN RECEPTION DESK SURFACE	REFERENCE ELEVATIONS AND DETAILS FOR EXACT MOUNTING HEIGHT. COORDINATE EXACT LOCATION WITH ARCHITECTURAL	FURNITURE MOUNTED
	WALL MOUNTED AUDIOVISUAL CONTROL PANEL	2-GANG BOX	BUILDING SWITCH HEIGHT	FLUSH MOUNTED
	JAZZ ROOM CAMERA LOCATION	2-GANG BOX	96" AFF	FLUSH MOUNTED
	INFRASTRUCTURE FOR FUTURE FLAT PANEL DISPLAY	3-GANG BOX	REFERENCE ELEVATIONS AND DETAILS FOR EXACT MOUNTING HEIGHT. COORDINATE EXACT LOCATION WITH ARCHITECTURAL	FLUSH MOUNTED
	INFRASTRUCTURE FOR FUTURE AUDIOVISUAL INPUT LOCATION	2-GANG BOX	REFERENCE ELEVATIONS AND DETAILS FOR EXACT MOUNTING HEIGHT. COORDINATE EXACT LOCATION WITH ARCHITECTURAL	FLUSH MOUNTED

TABLE & FLOOR CONNECTOR ASSEMBLY SCHEDULE

TYPE	DEVICE DESCRIPTION	INFRASTRUCTURE BOX	INFRASTRUCTURE CONDUIT
	FLOOR BOX WITH AV, POWER, & DATA	FLOOR BOX: FSR FL-500P-4	REFER TO SHEET NOTES FOR SIZING

CEILING CONNECTOR ASSEMBLY SCHEDULE

TYPE	DEVICE DESCRIPTION	INFRASTRUCTURE BOX	MOUNTING TYPE
	JAZZ ROOM PROJECTOR LOCATION	2-GANG BOX	MOUNTED TO JAZZ ROOM TECHNICAL PIPE GRID
	JUNCTION BOX TOUCH TABLE PROJECTORS	2-GANG BOX	SURFACE
	JUNCTION BOX FOR MOTORIZED PROJECTION SCREEN LOW VOLTAGE CONTROLLER	1-GANG BOX	FLUSH
	JUNCTION BOX FOR WIRELESS MICROPHONE ANTENNA	2-GANG BOX	FLUSH

SPEAKER SCHEDULE

TYPE	MAKE & MODEL	DEVICE DESCRIPTION	INFRASTRUCTURE BOX	MOUNTING TYPE
		RECESSED CEILING LOUDSPEAKER	BACKBOX INTEGRAL TO LOUDSPEAKER	FLUSH
		RECESSED CEILING SUBWOOFER	BACKBOX INTEGRAL TO LOUDSPEAKER	FLUSH
		JAZZ ROOM PROGRAM SUBWOOFER (RIGGED FROM CEILING)	2-GANG BOX	FLUSH
		JAZZ ROOM PROGRAM LOUDSPEAKERS (RIGGED FROM CEILING)	2-GANG BOX	FLUSH
	VERIFY WITH EXHIBIT DESIGNER	TOUCH TABLE EXHIBIT CEILING LOUDSPEAKERS	2-GANG BOX	FLUSH

AUDIOVISUAL DRAWING LIST

DRAWING NUMBER	SHEET TITLE	SCALE	SIZE	ISSUE RECORD					
				2019-08-12	INFRASTRUCTURE				
AV-000	AUDIO VISUAL SYMBOLS, ABBREVIATIONS & GENERAL NOTES	NTS	42 x 30	X					
AV-120	EXHIBIT AUDIO VISUAL INFRASTRUCTURE PLAN - CELLAR	1/4" = 1'-0"	42 x 30	X					
AV-121	EXHIBIT AUDIO VISUAL INFRASTRUCTURE PLAN - FIRST FLOOR	1/4" = 1'-0"	42 x 30	X					
AV-122	EXHIBIT AUDIO VISUAL INFRASTRUCTURE PLAN - SECOND FLOOR	1/4" = 1'-0"	42 x 30	X					
AV-131	EXHIBIT AUDIO VISUAL INFRASTRUCTURE CEILING PLAN - FIRST FLOOR	1/4" = 1'-0"	42 x 30	X					
				0					
				0					

DASNY

DORMITORY AUTHORITY STATE OF NEW YORK
515 BROADWAY
ALBANY, NEW YORK

12207-2964

DASNY PROJECT 275560

1	27 SEPT 2019	BULLETIN NO. 9
NO.	DATE	DESCRIPTION

REVISIONS

CONFORMED SET

31 JULY 2017

Louis Armstrong House Museum Education Center

34-49 107th Street
Corona, New York 11368
Block 1749, Lot 66

Architect:
Caples Jefferson Architects PC
37-18 Northern Boulevard, Suite 319
Long Island City, New York 11101
p: 212.779.9772 f: 212.202.6945

Structural Engineers:
Severud Associates
488 Seventh Avenue, Suite 800
New York, New York 10018
p: 212.986.3700 f: 212.687.6467

MEP and Security Engineers:
WSP
One Penn Plaza, 2nd Floor
New York, New York 10119
p: 212.552.8600 f: 212.686.7489

Lighting/AV/Acoustical Consultant:
Arrip
77 Water Street
New York, New York 10005
p: 212.896.3000

Theatrical Lighting Consultant:
Fisher Dachs Associates
22 West 19th Street
New York, NY 10011
p: 212.691.3020 f: 212.633.1644

Sustainable Design Consultant:
Steven Winter Associates
50 Washington Street, 6th Floor
Norwalk, Connecticut 06854
p: 203.657.0200 f: 203.652.0741

Sitework Consultant:
Cragg Richmond Landscape Architecture
2 Green Street, Suite 2W
Huntington, NY 11743
p: 516.232.3568

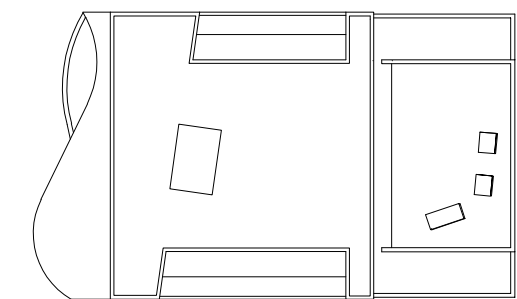
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Berzak/Schoen Consultants
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New York, New York 10007
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KEY



Drawing Title:
AUDIOVISUAL
NOTES & LEGEND
Scale:
NTS

Date:
24 JULY 2019

Drawing Number:

AV-000

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House Museum
Education Center

34-49 107th Street
Corona, New York 11368
Block 1749, Lot 66

Architect:
Caples Jefferson Architects PC
37-18 Northern Boulevard, Suite 319
Long Island City, New York 11101
p: 212.779.9772 f: 212.202.8945

Structural Engineers:
Severud Associates
489 Seventh Avenue, Suite 900
New York, New York 10019
p: 212.986.3700 f: 212.687.6467

MEP and Security Engineers:
WSP
One Penn Plaza, 2nd Floor
New York, New York 10119
p: 212.532.8600 f: 212.689.7489

Lighting/AV/Acoustical Consultant:
Arup
77 Water Street
New York, New York 10005
p: 212.896.3000

Theatrical Lighting Consultant:
Fisher Dachs Associates
22 West 19th Street
New York, NY 10011
p: 212.691.3020 f: 212.633.1644

Sustainable Design Consultant:
Steven Winter Associates
50 Washington Street, 6th Floor
Norwalk, Connecticut 06854
p: 203.657.0200 f: 203.652.0741

Site/Work Consultant:
Cragg Richmond Landscape
Architecture
4 Green Street, Suite 2W
Huntington, NY 11743
p: 516.232.3588

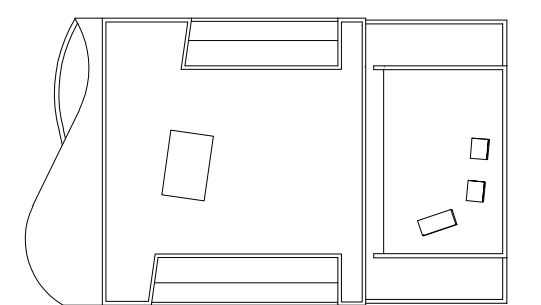
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EXHIBIT AUDIOVISUAL
CELLAR PLAN
Scale:
1/4" = 1'-0"
Date:
24 JULY 2019
Drawing Number:
AV-120

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Louis Armstrong
House Museum
Education Center

34-49 107th Street
Corona, New York 11368
Block 1749, Lot 66

Architect:
Caples Jefferson Architects PC
37-18 Northern Boulevard, Suite 319
Long Island City, New York 11101
p: 212.779.9772 f: 212.202.6045

Structural Engineers:
Severud Associates
489 Seventh Avenue, Suite 300
New York, New York 10018
p: 212.986.3700 f: 212.687.6467

MEP and Security Engineers:
WSP
One Penn Plaza, 2nd Floor
New York, New York 10119
p: 212.532.8600 f: 212.689.7489

Lighting/AV/Acoustical Consultant:
Arup
77 Water Street
New York, New York 10005
p: 212.896.3000

Theatrical Lighting Consultant:
Fisher Dachs Associates
22 West 19th Street
New York, NY 10011
p: 212.691.3020 f: 212.633.1644

Sustainable Design Consultant:
Steven Winter Associates
50 Washington Street, 6th Floor
Norwalk, Connecticut 06854
p: 203.657.0200 f: 203.652.0741

Site/Work Consultant:
Craig Richmond Landscape
Architecture
4 Green Street, Suite 2W
Huntington, NY 11743
p: 516.232.3588

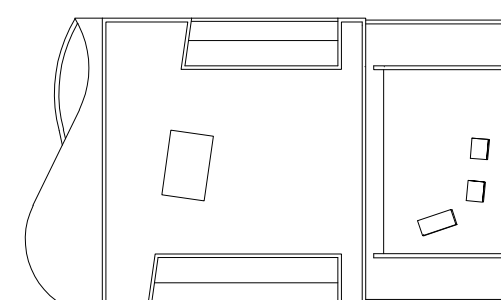
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New York, New York 10007
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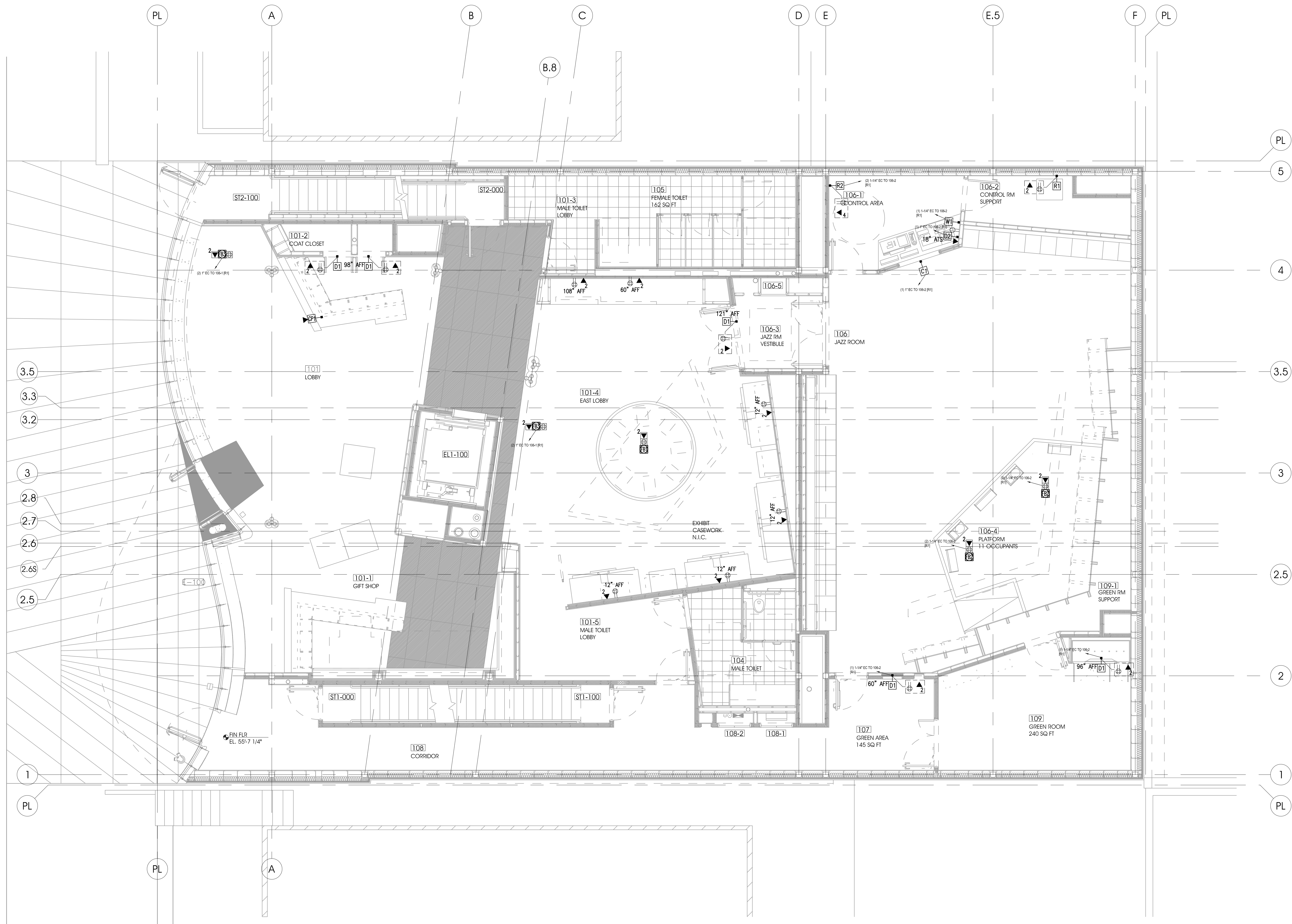
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FIRST FLOOR PLAN

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

Date:
24 JULY 2019

Drawing Number:

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Louis Armstrong
House Museum
Education Center

34-49 107th Street
Corona, New York 11368
Block 1749, Lot 66

Architect:
Caples Jefferson Architects PC
37-18 Northern Boulevard, Suite 319
Long Island City, New York 11101
p: 212.779.9772 f: 212.202.6945

Structural Engineers:
Severud Associates
469 Seventh Avenue, Suite 900
New York, New York 10018
p: 212.986.3700 f: 212.687.6467

MEP and Security Engineers:
WSP
One Penn Plaza, 2nd Floor
New York, New York 10119
p: 212.532.8600 f: 212.699.7489

Lighting/AV/Acoustical Consultant:
Arup
77 Water Street
New York, New York 10005
p: 212.896.3000

Theatrical Lighting Consultant:
Fisher Dachs Associates
22 West 19th Street
New York, NY 10011
p: 212.691.3020 f: 212.633.1644

Sustainable Design Consultant:
Steven Winter Associates
50 Washington Street, 6th Floor
Norwalk, Connecticut 06854
p: 203.857.0200 f: 203.852.0741

Site/Work Consultant:
Craig Richmond Landscape
Architecture
2 Green Street, Suite 2W
Huntington, NY 11743
p: 516.232.3588

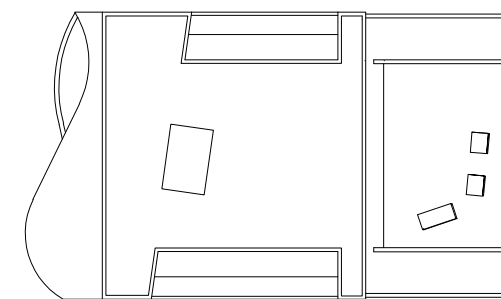
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New York, New York 10007
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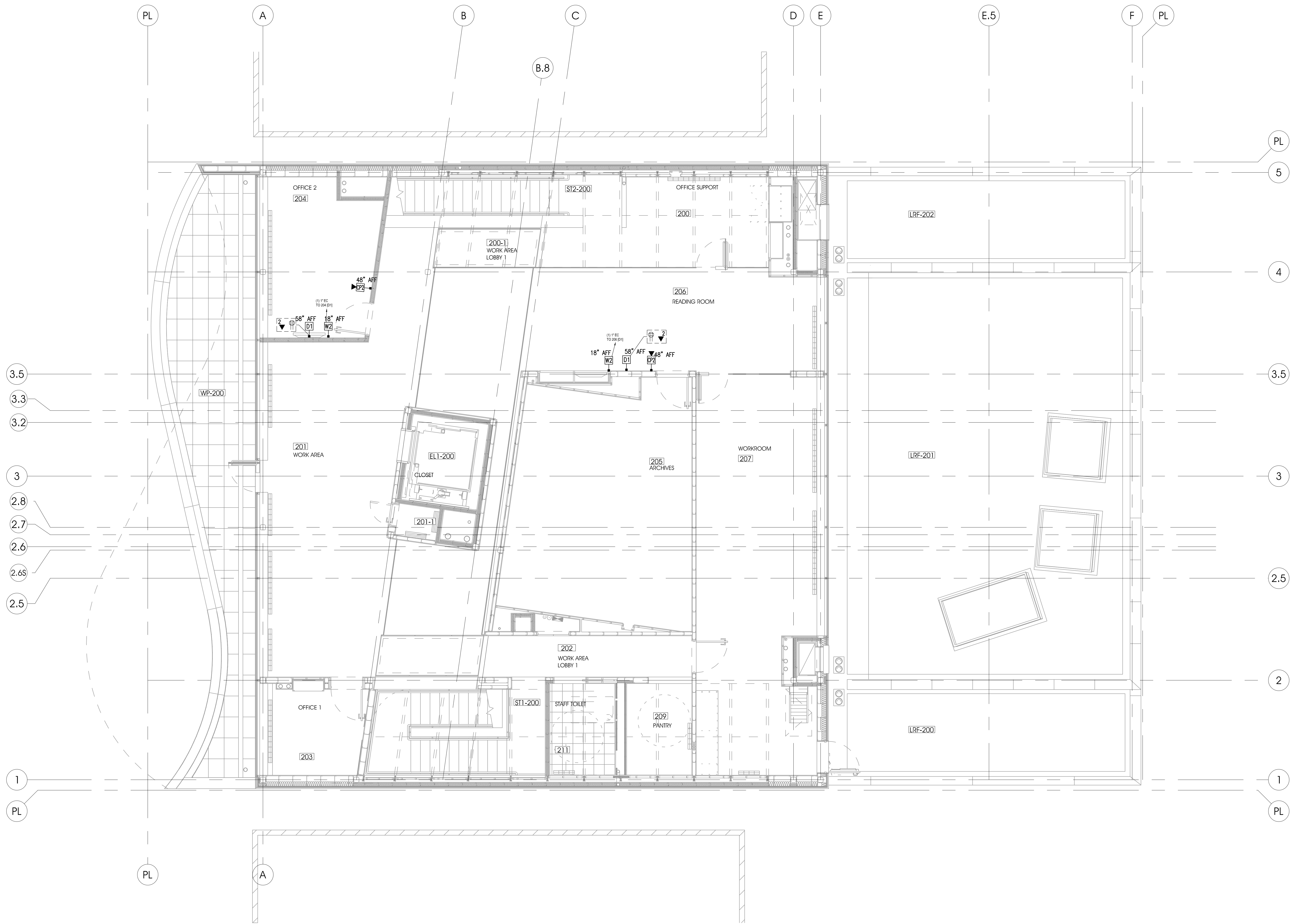
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SECOND FLOOR PLAN

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

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Drawing Number:

AV-122



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Louis Armstrong
House Museum
Education Center

34-49 107th Street
Corona, New York 11368
Block 1749, Lot 66

Architect:
Caples Jefferson Architects PC
37-18 Northern Boulevard, Suite 319
Long Island City, New York 11101
p: 212.779.9772 f: 212.202.6045

Structural Engineers:
Severud Associates
469 Seventh Avenue, Suite 300
New York, New York 10018
p: 212.986.3700 f: 212.667.6467

MEP and Security Engineers:
WSP
One Penn Plaza, 2nd Floor
New York, New York 10119
p: 212.532.8600 f: 212.699.7489

Lighting/AVI/Acoustical Consultant:
Arup
77 Water Street
New York, New York 10005
p: 212.896.3000

Theatrical Lighting Consultant:
Fisher Dachs Associates
22 West 19th Street
New York, NY 10011
p: 212.691.3020 f: 212.633.1644

Sustainable Design Consultant:
Steven Winter Associates
50 Washington Street, 6th Floor
Norwalk, Connecticut 06854
p: 203.857.0200 f: 203.852.0741

Site/Work Consultant:
Craig Richmond Landscape
Architecture
2 Green Street, Suite 2W
Huntington, NY 11743
p: 516.232.3588

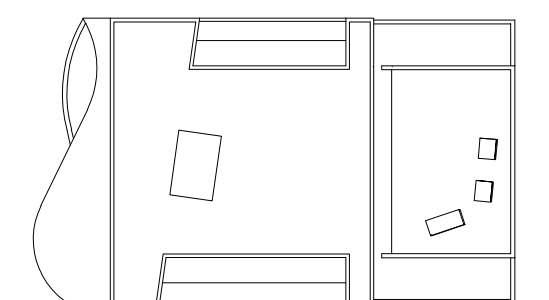
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299 Broadway, Suite 1102
New York, New York 10007
p: 212.243.2434 f: 212.691.2409

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EXHIBIT AUDIOVISUAL
FIRST FLOOR RCP
Scale:
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24 JULY 2019
Drawing Number:
AV-131