Fashion Institute of Technology

Seventh Avenue at 27 Street
New York City 10001-5992
www.fitnyc.edu

Purchasing Department
227 West 27th Street
New York, NY 10001
Purchasing Dept. Tel. 212-217-3630
Purchasing Dept. Fax 212-217-3631
Purchasing@fitnyc.edu

NOTICE TO ALL FIRMS

Date: April 21, 2025

To: All Prospective Bidders

From: Sam Li
Director of Procurement Services

Re: Addendum Number 2
IFB # C1585 – Pomerantz New Fire Alarm System

Notes

1) FIT is looking for electrical contractor to be the prime contractor on this project, please see Section II. Bid Terms and Conditions, Subsection III. A. "*Bidder shall have been primarily an electrical contractor in the Electrical and/or Fire Alarm business for a minimum of five (5) years as of the Bid Opening Date. Proof shall be submitted with the Bid.*"

2) Refer to drawing FA107 for additional scope related to existing pull box modification.

3) Mandatory site-visit sign in sheet attached.

4) See updated E, EN, and FA drawings attached.

Questions

Q1. Please advise if a Fulltime non-working Supervision is required for this contract.

A1. Full time supervisor is required.

Q2. Please advise if a fulltime working foreman can act in place of the full-time site supervisor for the duration of this project?

A2. No.

Q3. In relation to your Trade Payment Breakdown Items#12 and 13, please advise what scope of work do we need to coordinate with the Plumbing and kitchen contractor, there is no plumbing in this contract.

12	Coordinate with Plumbing/Fire Prevention	MTLY
13	Coordinate with Kitchen Equipment Contractor	MTLY

A3. Work associated with Fire prevention is required for sprinkler flow switches scope. Work with kitchen contractor is required for modification of kitchen outside of the main lobby area.

Q4. Are there any Hoisting Operations for this project, this is shown in your Trade Payment Breakdown? Please advise.

A4. Hoisting is part of the means and methods for the project and the contractor should list the cost if any under the Trade Payment Breakdown.

Q5. Do we need to have a trailer for this project or can FIT project us with a vacant space for storage of all materials and equipment?

A5. FIT will coordinate space for onsite storage of materials. Trailers are not required.

Q6. In your Trade Payment Breakdown Item#18 Temporary Field Office, is this a Temporary Trailer and if so, where will this be located and where will the power be taken from for this trailer and who is responsible for paying the utility cost for this usage?

A6. Temporary trailers are not required. FIT will coordinate space for onsite office and storage area.

Q7. Trade Payment Breakdown Item#20, please advise what hoisting will be required for this project?

A7. If the item on trade breakdown is not part of work scope, please assign $0.

Q8. Will temporary lighting be required for this project?

A8. No. A full-time supervisor is required

Q9. Please advise if we can use FIT(s) Toilets in lieu of furnishing toilets outside of the facility?

A9. FIT will designate which toilets can be used during construction.

Q10. Are there any asbestos abatement requirements for this project?

A10. Asbestos portion of the project is being handled by FIT on call contractors.

Q11. Are there any M/WBE goals for this bid?

A11. As per Section II. Subsection XII. M/WBE and SDVOB, *"FIT encourages minority and women business enterprise participation in this project by contractors, subcontractors and suppliers, and all bidders are expected to cooperate with that commitment. Also, bidders are encouraged to use Service-Disabled Veteran-Owned Businesses (SDVOB). A directory of New York State Certified Minority and Women's Business Enterprises is available from: Empire State Development Corporation, Minority and Women's Business Development Division at: http://www.esd.ny.gov/mwbe.html to assist potential bidders in locating sources of M/WBE subcontractors and reaching these goals. SDVOBs can be readily identified on the directory of certified businesses at: https://online.ogs.ny.gov/SDVOB/search."*

Q12. Will FIT provide a direct person of contact when working during the night that will provide access to all areas during the construction phase?

A12. Yes. Please note that access requirements will need to be clearly spelled out on each two - week look-ahead schedule in order to properly facilitate access. Failure to do so may result in delayed access.

Q13. What is the duration date for the project and when will this project be rewarded?

A13. Please review general conditions specifications for all project related dates.

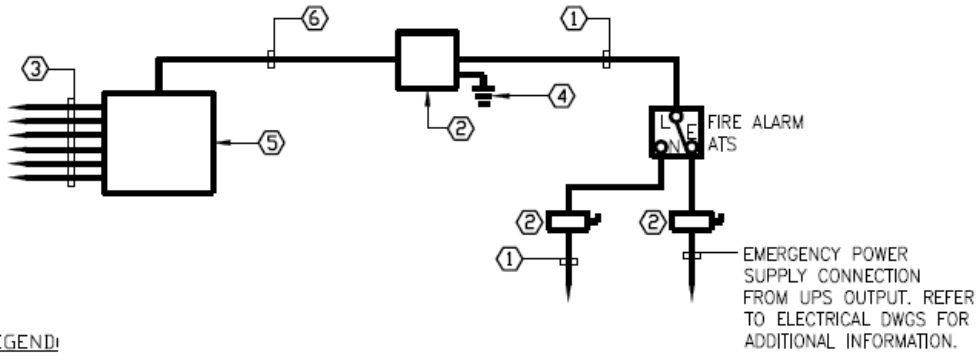
Q14. Please advise for all removal of existing devices and wiring, can we cut and cap all conduits in places, blank cover all existing boxes and remove all wiring back to the nearest point?

A14. Wiring needs to be removed in its entirety. Conducts need to be cut back below the wall surface and the walls patched.

Q15. At this site walk through, we noticed that 700 Wiremold raceway was used for the existing surface mounted devices, please advise if for all the new devices which will be surface mounted can wire mold be used or will Emt conduit be required?

A15. In finished areas a wiremold is acceptable, in unfinished and mechanical areas a conduit raceway is required where exposed.

Q16. Drawing FA-502 Detail of Fire Signaling System Ledgen notes is not in order and note #5 is not correct and note#6 is missing.



LEGEND:

1 EXISTING NORMAL POWER SUPPLY CONNECTION TO REMAIN

2 EXISTING SERVICE FUSED SWITCH TO REMAIN

3 BRANCH CIRCUITS
EACH TO BE TYPE "THWN", "TFFN" OR " TFN WIRES IN -- RGS CONDUIT TO TERMINALS OF THE CENTRAL EQUIPMENT OF FIRE SIGNALING SYSTEMS AND TO OTHER ITEMS AS PER SCHEDULE IN THIS DETAIL.

GROUNDING AND BONDING AS PER BASIC SPECIFICATIONS.
USE #8 AWG CU WIRE FOR GROUNDING CONDUCTOR.

4 LIFE SAFETY FUSE CUT-OUT PANEL
PAINTED RED, 100A, POLES AS REQUIRED, GROUNDED AND BONDED, WITH FIRE DEPARTMENT KEYED LOCK

5
4#2, #8G TYPE "THWN", "TFFN" OR "TFN" IN 1 1/2" RGS CONDUIT.

6

A16. This is a graphical issue. The notes will be moved to clear the misprint. The detail will be modified.

Q17. Drawing FA-601.00 shows to Provide Vita link Cabling from the existing FA Fused Cutout to the new FCS, please advise what size cabling is required drawings are not clear. Also drawing E-501 Electrical detail drawing shows the Existing FA Fuse cutout feeding the new FCS with ¾"C 4#10 wire, please advise which feeder will be required, Vita link or ¾" C?

A17. The detail was updated and the revised drawing is attached to this addendum

Q18. Are there any liquidated damages for this job?

A18. There are no liquidated damages.

Q19. Is there a contract budget for this job?

A19. FIT has a cost estimate but has opted not to share this information.

Q20. Are there any MWBE requirements for this job?

A20. Please see answer to Q11.

Q21. Does the original bid bond need to be mailed to arrive on the bid date or does it only need to be mailed if awarded the job?

A21. The original bid bond does not need to arrive by the bid due date but you MUST send us an image of the bid security with your bid to purchasingbids@fitnyc.edu by the bid due date/time. The bid security must either be a 2% certified check or 10% bid bond of your total bid price.

Q22. We do not see any specific bid bond form, is an AIA Bid Bond sufficient?

A22. We don't provide bid bond forms, it's something that you'll need to get from your bonding company. Each bonding company might use a different form. In the past, some bidders submitted a Document A310 with their bid from their bonding company.

Q23. Is Railroad Protective insurance required by the electrical contractor?

A23. The building is located next to MTA station. Previous projects required railroad insurance.

Q24. Please confirm there are no specified M/WBE Goals on this project.

A24. Please see answer to Q11.

Q25. Please provide sign-in sheet from the mandatory Pre-Bid walk-through meeting.

A25. See attached.

Q26. During the walk-through, it was mentioned that the Prime contractor must be of the electrical background. Please confirm the contractor is also required to hold a New York Department of State Division of Licensing Services - Fire Alarm Installers License.

A26. Fire Alarm installers license is required. The prime contractor may be an Electrical contractor or a Fire Alarm system installer.

Q27. Please confirm all hours on this project shall be subject to Graveyard Shift Rate of pay per the Prevailing Wage Schedule.

A27. The hours for the project are 10PM to 6AM. Coordination with facilities is required.

Q28. Specifications call for 10% Retainage to be held on partial payments. Typically, standard Retainage on our city projects is 5%, can the retainage be reduced to 5%? Why is so much retainage being held?

A28. 10% retainage is standard for FIT projects.

Q29. Are there survivability requirements for the Emergency Feeds from the Generator to the ATS? Is encasement / 2-hour rating required for the assembly?

A29. Two (2) hour rated assembly is required.

Q30. Within the asbestos survey report it indicated that "Confirmed asbestos containing materials will not be impacted by the installation of the new fire alarm components.", however it doesn't go on to indicate how a contractor would be compensated if ACM is encountered during the course of construction. Will contractors receive a Change Order to remove the ACM?

A30. No. asbestos abatement and containment will be provided by FIT.

Q31. There are different quantities of devices shown on the Floor Plans Vs. the Riser Drawing. Please advise.

A31. The device counts were reviewed and adjusted. In the event of other inconsistencies, the contractor to carry the greater quantity between the two.

Q32. Drawing FA-601.00 calls for a Smoke Detector in Tele Closet. DC24. Drawing FA-100.00 doesn't call for a device in this room. Please advise.

A32. This smoke detector is existing to remain. The new smoke detector shown in Tele Closet DC24 on the riser diagram is removed.

Q33. The Smoke Detector located in Machine Room GHC16 on drawing FA-100.00 isn't called for on drawing FA-601.00. Please advise.

A33. Drawing FA-601 has been amended to include this smoke detector.

Q34. Drawing FA-100.00 is missing the numbers in the Key Notes.

A34. The key notes were provided on the amended drawings.

Q35. Drawing FA-001 Project Phasing notes, it is not clearly shown on the drawings which areas are Phase 1,2 &3, please help us to identify these Phases.

A35. The Project Phasing Notes table is a reference to what the scope of work needs to be by area. Each area is labeled on the fire alarm floorplans. Under the Scope of Work column, the scope is broken out in steps.

Q36. Please advise if the existing junction boxes to be reused for the new Speaker/Horn devices is deep enough to accommodate the new speaker device?

A36. The bid should carry cost for box replacement.

Q37. In the Fire Alarm Spec Section 28-31-13. 1.03B Related Work Items# 5 & 6 makes mention of working with the Elevator Vendor in relations to fire alarm tie-ins, please provide us the contact information for the existing Elevator Vendor.

B. RELATED WORK

1. The Contractor shall coordinate work in this Section with all related trades. Work and/or equipment provided in other Sections and related to the fire alarm system shall include, but not be limited to:
2. Duct smoke sensors to be installed, wired and connected to the fire alarm system by the Contractor.
3. Air handling system and smoke damper control circuits and fan status contacts are existing. They shall be wired and connected to the fire alarm system by the Contractor.
4. Sprinkler water flow alarm and valve tamper switches are existing. They shall be wired and connected to the fire alarm system by the Contractor.
5. Elevator communications circuit wiring (trail cables) and installation of alarm notification devices to be provided by the Elevator Vendor. Contractor to coordinate and reimburse Vendor.
6. Elevator recall control circuits to be provided by the elevator equipment Vendor. They shall be wired and connected to the fire alarm system by the Contractor. Contractor to coordinate and reimburse Vendor.
7. Coordinate and furnish labor and assistance of other trades for the mounting of and/or interfacing with any and all other fire alarm system related devices.

A37. Contact Frank Caputo of Kone elevators. <frank.caputo@kone.com>

THIS ADDENDUM IS PART OF THE CONTRACT DOCUMENT AND SHALL BE INCLUDED WITH YOUR REQUEST FOR PROPOSAL SUBMITTAL. YOUR SIGNATURE BELOW WARRANTS THAT YOU UNDERSTAND THIS ADDENDUM AND THAT YOU HAVE MADE THE APPRORIATE ADJUSTMENTS IN YOUR PROPOSAL AND CALCULATIONS.

_____
Signature

_____
Print Name and Title of Authorized Representative

_____
Print Name of Company/Partnership/Individual

_____
Date

IFB C1585 Pomerantz Fire Alarm System Walkthrough
April 15, 2025 - 11:00am

Bid Proposal #:	Name:	Company:	Telephone#: ###-###-####	Prime/Sub	State Certified	City Certified	Email Address:
C1585 Pomerantz New Fire Alarm System - 11:00am	Dmitri Samuylov	LoVolta	347-631-9489	Prime	MBE	MBE	dmitri@lovolta.com
C1585 Pomerantz New Fire Alarm System - 11:00am	Raoul Rambert	Interphase Electric Corp	516-256-5515	Prime, Sub			rrambert@interphaseelec.com
C1585 Pomerantz New Fire Alarm System - 11:00am	Nick Delfico	Everon	914 4032697	Prime			nicholasdelfico@everonsolutions.com
C1585 Pomerantz New Fire Alarm System - 11:00am	Jack Kelly	Kleanix	(484) 620-9550	Prime	MBE	MBE	jkelly@kleanix.com
C1585 Pomerantz New Fire Alarm System - 11:00am	Timothy Mulvihill	Barbara Electric Co., Inc	(201) 457-0844	Prime			tmulvihill@barbaroelectric.com
C1585 Pomerantz New Fire Alarm System - 11:00am	Jonathan Landau	Polaris Electrical	516 369 3654	Prime			jonathan@polariselectrical.net
C1585 Pomerantz New Fire Alarm System - 11:00am	Joseph Barbaro	Barbaro Electric Co., Inc.	(201) 457-0844	Prime			joebarbaro@barbaroelectric.com
C1585 Pomerantz New Fire Alarm System - 11:00am	Chris Fairbairn	Harland Electric	347-587-0069	Sub			chris@harrandelectric.com
C1585 Pomerantz New Fire Alarm System - 11:00am	Joseph bonomo	High Rise Fire	(718) 369-3434	Prime			jbonomo@gmail.com
C1585 Pomerantz New Fire Alarm System - 11:00am	Henil Patel	Cube construction services llc	(908) 331-4869	Prime	MBE	MBE	henil.p@cubecsllc.com

ELECTRICAL - SYMBOLS

OR	PANELBOARD
	DISTRIBUTION OR POWER PANELBOARD.
WP	3-POLE UNFUSED DISCONNECT (SAFETY) SWITCH. NUMERAL INDICATES AMPACITY, 'WP' DENOTES WEATHERPROOF ENCLOSURE. NO NUMBER INDICATES 30A OR LESS.
WP	3-POLE FUSED DISCONNECT (SAFETY) SWITCH. NUMERAL INDICATES SWITCH AMPACITY/FUSE SIZE, 'WP' DENOTES WEATHERPROOF ENCLOSURE. NO NUMBER INDICATES 30A OR LESS.
	CIRCUIT BREAKER
	FUSIBLE SWITCH
J	WALL-MOUNTED JUNCTION BOX
	DUPLEX RECEPTACLE
	QUAD RECEPTACLE
$	MANUAL ON/OFF SWITCH

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE TO VISIT AND INSPECT SITE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. CONTRACTOR'S INSPECTION SHALL BE CONDUCTED PRIOR TO FINAL BID, AND ANY ADDITIONAL WORK REQUIRED DUE TO FAILURE TO VISIT SITE OR INADEQUATE INSPECTION SHALL NOT BE CONSIDERED FOR COMPENSATION.
2. THE CONTRACTOR SHALL VERIFY ELECTRICAL AND GROUNDING REQUIREMENTS OF ALL NEW AND EXISTING EQUIPMENT TO BE USED.
3. CIRCUIT NUMBERS ARE FOR GUIDANCE ONLY. CONTRACTOR SHALL BE RESPONSIBLE TO BALANCE PHASES. REFER TO PANEL SCHEDULES FOR BRANCH CIRCUIT REQUIREMENTS.
4. CIRCUIT WIRE SIZES OTHER THAN 2 #12-3/4"C ARE INDICATED ON PLAN. REFER TO PANEL SCHEDULES FOR BRANCH CIRCUIT BREAKERS OTHER THAN 1 POLE, 20 AMP. ALL CIRCUITS AND FEEDERS SHALL HAVE A FULL SIZE INSULATED GREEN GROUND CONDUCTOR AND BE CONNECTED TO GROUND BUS IN RESPECTIVE PANEL. MINIMUM SIZE CONDUCTOR AND CONDUIT IS #12 THHN CU, 3/4"C (EMT).
5. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND PROVIDING THE ACTUAL NUMBER OF CONDUCTORS REQUIRED FOR ALL BRANCH CIRCUIT WIRING TO SERVE THE INTENDED FUNCTION.
6. ALL DEVICE PLATE FINISHES/COLORS SHALL BE AS REQUIRED BY OWNERSHIP.
7. THIS CONTRACTOR IS TO NOTIFY ENGINEER OF ANY CONTRADICTIONS FOUND ON THE DESIGN DOCUMENTS AND BASE THE BID ON THE MORE "STRINGENT & EXPENSIVE" CONDITIONS.
8. ELECTRONIC AS-BUILT DRAWINGS, SHOWING CONDUIT RUNS AND CIRCUITING MUST BE GIVEN TO ARCHITECT, ENGINEER AND OWNER AT THE COMPLETION OF THE JOB.
9. THE CONTRACTOR SHALL REMOVE AND/OR RELOCATE ALL EXISTING ELECTRICAL WORK WHICH INTERFERES WITH THE NEW ELECTRICAL LAYOUTS. ALL WORK WHICH IS NO LONGER REQUIRED TO FUNCTION SHALL BE DE-ENERGIZED AND DISCONNECTED AT THE SOURCE OF POWER SUPPLY.
10. PANEL DIRECTORIES SHALL BE MODIFIED AND COMPLETELY FILLED IN AT COMPLETION OF JOB.
11. ANY EXISTING WORK NOT STATED FOR REMOVAL AND DAMAGED AS A RESULT OF PERFORMING THE WORK OF THIS CONTRACT SHALL BE REPAIRED OR REPLACED AS REQUIRED. MATERIAL AND FINISH TO MATCH EXISTING TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
12. CONNECT NEW WORK TO EXISTING WORK IN A NEAT AND ACCEPTABLE MANNER.
13. DISPOSE OF REMOVED RACEWAYS, WIRE, PANELS, ETC., AS DIRECTED BY OWNERSHIP.
14. ALL ELECTRICAL WORK IN ADJOINING AREAS WHICH IS REQUIRED TO FUNCTION BUT IS AFFECTED BY THIS WORK SHALL BE RECONNECTED AND RESTORED TO ITS PRESENT FUNCTION AS PART OF THE ELECTRICAL SYSTEM OF THE BUILDING(S).
15. ALL RACEWAYS WHICH BECOME EXPOSED BEYOND FINISHED SURFACES BECAUSE OF THE ALTERATION WORK SHALL BE REMOVED AND RE-ROUTED BEHIND THE FINISHED SURFACES.
16. ANY FIRE SAFETY EQUIPMENT AND THIS ASSOCIATED CONDUIT AND WIRING SYSTEM SHALL NOT BE HARMED DURING DEMOLITION AND/OR CONSTRUCTION AND SHALL BE PROTECTED FROM ANY PHYSICAL DAMAGE.
17. ALL HOLES IN SLABS OR WALLS SHALL BE FIRE STOPPED VIA LISTED FIRE-STOPPING ASSEMBLIES. SUBMIT TO ENGINEER FOR APPROVAL.
18. CONTRACTOR TO DE-RATE CONDUCTORS IN ACCORDANCE WITH APPLICABLE ELECTRICAL CODES WHEN INSTALLING MORE THAN THREE (3) CIRCUITS IN A 3/4"C HOMERUN AND OTHERWISE REQUIRED.
19. REFER TO PROJECT 'BOOK' SPECIFICATIONS FOR ADDITIONAL, IMPORTANT REQUIREMENTS.
20. THE CONTRACTOR SHALL NOTIFY OWNERSHIP OF ANY ELECTRICAL SHUTDOWNS REQUIRED FOR AREAS OUTSIDE OF THE SCOPE AREA A MINIMUM OF 1 WEEK IN ADVANCE.

POWER NOTES

1. EXACT LOCATION AND MOUNTING HEIGHT OF ALL POWER AND MECHANICAL EQUIPMENT SHALL BE COORDINATED WITH ALL TRADES.
2. ALL BRANCH CIRCUIT WIRING SHALL BE RUN CONCEALED IN WALLS AND ABOVE HUNG CEILING, UNLESS OTHERWISE NOTED.
3. No. 12 AWG (THHN) WIRING SHALL BE THE MINIMUM SIZE AND MUST BE USED FOR ALL 15A & 20A BRANCH CIRCUIT WIRING, UNLESS OTHERWISE NOTED. CONTRACTOR SHALL ADJUST SIZE FOR VOLTAGE DROP AND OTHER DE-RATING FACTORS AS PER CODE REQUIREMENTS.
4. 3/4" CONDUIT SHALL BE THE MINIMUM TRADE SIZE OF CONDUIT.
5. CIRCUITS ARE DESIGNATED BY THE NUMBER SHOWN ADJACENT TO EACH DEVICE. PROVIDE CONDUITS, WIRES, ARMORED CABLES AND BOXES REQUIRED TO ENERGIZE THE EQUIPMENT AS SHOWN.
6. ALL COMMUNICATIONS, SECURITY WORKS ARE A SEPARATE CONTRACT, UON. EC TO PROVIDE ALL CONDUIT, RACEWAY, BACK-BOXES.
7. CONDUIT RUNS THAT ARE SHOWN ARE DIAGRAMMATICAL AND SHOW POTENTIAL ROUTING OF CONDUITS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE RUNS WITH ALL TRADES.

VOLTAGE DROP REQUIREMENTS

NOTE: FEEDERS ARE SIZED TO MEET 3% MAXIMUM VOLTAGE DROP FROM THE SEB TO THE LAST OCPD. CONTRACTOR MUST PROVIDE FEEDERS AS SIZED HERE AS A MINIMUM. IF CONTRACTOR FEEDER ROUTING INCREASES THEIR LENGTH, OR INCREASES VOLTAGE DROP FOR ANY OTHER REASON, CONTRACTOR SHALL INCREASE FEEDER SIZE AND/OR QUANTITY TO MEET 3% MAXIMUM FEEDER VOLTAGE DROP REQUIREMENTS. THE FEEDER VOLTAGE DROP IS THE SUM OF ALL FEEDER VOLTAGE DROPS FROM THE SERVICE POINT (SEB) TO THE FINAL OVER-CURRENT PROTECTIVE DEVICE OF A CIRCUIT. MAXIMUM BRANCH CIRCUIT VOLTAGE DROP IS 2%. REFER TO ADDITIONAL BRANCH CIRCUIT VOLTAGE DROP REQUIREMENTS IF SHOWN IN DETAIL ON E-500 SERIES DRAWING. ANY CHANGE REQUESTS SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL IN WRITING. CONTRACTOR SHALL MEASURE FEEDER LENGTHS AS FEEDERS ARE INSTALLED AND SUBMIT THIS DATA TO ENGINEER. INCLUDE TABLE OF FEEDER LENGTHS AND TABLE OF CALCULATED BRANCH CIRCUIT VOLTAGE DROPS (AS MAY BE REQUIRED PER E-500 SERIES DETAIL) IN CONTRACTOR'S AS-BUILT DRAWINGS.

LEGEND

———	NEW WORK
— — —	EXISTING
— x - x - x -	DEMO

EXISTING CONDITION & RELOCATION NOTES

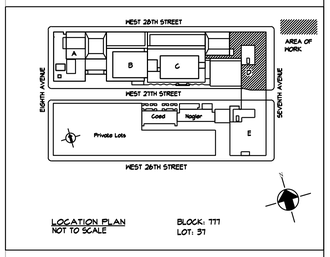
1. GENERALLY, IN AREAS SCHEDULED FOR DEMOLITION AND REMODELING REMOVE EXPOSED PORTIONS OF THE BRANCH AND SIGNAL CIRCUIT WIRING AND CONDUITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CONTINUITY OF EXISTING CIRCUITS FEEDING DEVICES THAT ARE TO REMAIN. MAINTAIN THE CONTINUITY OF EXISTING CIRCUITS SERVING OTHER SPACES BUT PASSING THROUGH THE AREA OF RENOVATION.
2. IN SUCH CASES, WHERE NEW CONDUITS ARE TO BE INSTALLED IN EXISTING WALLS, IN FURNISHED ROOMS, THEY SHALL BE CONCEALED BY CUTTING AND PATCHING THE WALLS FOR THE CONDUITS UNLESS OTHERWISE NOTED.
3. CONDUITS OR SLEEVES, THAT ARE NO LONGER REQUIRED, WHICH ARE PROTRUDING THROUGH THE FLOOR SLAB, SHALL BE CUT BACK AND CAPPED. ALL FEEDERS TO BE REMOVED BACK TO PANEL BOARD.
4. ELECTRICAL EQUIPMENT REMOVED SHALL BE RETURNED TO OWNER OR DISCARDED PER OWNER DIRECTIVE.
5. THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF EXISTING TO REMAIN SYSTEM CIRCUITS FOR FIRE ALARM, POWER AND TELE COMMUNICATIONS, ETC., DURING DEMOLITION.
6. THE ELECTRICAL CONTRACTOR SHALL REMOVE ALL ABANDONED WIRING/CABLING NO LONGER IN USE BACK TO SOURCE.
7. UTILIZE, WHENEVER POSSIBLE, PRACTICAL, AND APPROVED BY THE ENGINEER, EXISTING OUTLET BOXES, AND RACEWAYS, ETC., COMPATIBLE WITH THE MATERIAL SPECIFIED FOR INSTALLATION IN THE NEW CONSTRUCTION AREAS. IN SUCH CASES, ALL ASSOCIATED CONDUITS AND WIRING SHALL BE ARRANGED TO ACCOMMODATE THE NEW CIRCUITING AS SHOWN ON THE DRAWING.
8. THE ELECTRICAL DEMOLITION PLANS INDICATE GENERAL INTENT AND ARE NOT INTENDED TO SHOW ALL COMPONENTS AND ITEMS TO BE REMOVED OR RETAINED. DEVICES AND EQUIPMENT LOCATED ON THE WALLS AND OR CEILINGS DESIGNATED TO BE REMOVED SHALL BE REMOVED/RELOCATED. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND ENGINEER OF ANY UNANTICIPATED OR HIDDEN CONDITIONS ENCOUNTERED DURING DEMOLITION.
9. THE CONTRACTOR SHALL CIRCUIT TRACE AND LABEL ALL EXISTING BRANCH AND FEEDERS WITHIN OR ASSOCIATED WITH DEMOLITION SCOPE PRIOR TO DEENERGIZING AND DISCONNECTION. ALL CIRCUITS WITHIN PANELBOARDS, LOAD CENTERS, MOTOR CONTROL CENTERS AND SWITCHBOARDS, IDENTIFIED FOR REMOVAL SHALL BE TRACED AND FIELD LABELED TO ENSURE THAT NO AREA OUTSIDE THE SCOPE IS AFFECTED.
10. CONTRACTOR SHALL OPEN EXISTING CEILINGS AS REQUIRED FOR INSTALLATION OF NEW WORK OR REMOVAL/MODIFICATION OF EXISTING SYSTEMS AND EQUIPMENT. CEILINGS TO BE CLOSED UPON COMPLETION OF WORK.

ELECTRICAL ABBREVIATIONS

A	-AMPS	KW	- KILOWATT
AC	- AIR CONDITIONING	KWH	- KILOWATT HOURS
ARCH	- ARCHITECTURAL	M	- MAIN
APPROX	- APPROXIMATELY	MACH	- MACHINE
ATS	- AUTOMATIC TRANSFER SWITCH	MCC	- MOTOR CONTROL CENTER
AUTO	- AUTOMATIC	MECH	- MECHANICAL
AWG	- AMERICAN WIRE GAUGE	MH	- MAN-HOLE
BLDG	- BUILDING	MTD	- MOUNTED
BPS	- BOLTED PRESSURE SWITCH	MTR	- MOTOR
CDT	- CONDUIT	N	- NEUTRAL
CKT	- CIRCUIT	NEC	- NATIONAL ELECTRIC CODE
CLG	- CEILING	NEMA	- NATIONAL ELECTRICAL MANUFACTURERS
COL	- COLUMN	NIC	- NOT IN CONTRACT
CONC	- CONCRETE	NTS	- NOT TO SCALE
CONST	- CONSTRUCTION	OCPD	- OVER-CURRENT PROTECTIVE DEVICE
COORD	- COORDINATE	OL	- OVERLOAD
CT	- CURRENT TRANSFORMER	O/H, OH	- OVER-HEAD
CTRL	- CONTROL	P	- POLES
CTRLR	- CONTROLLER	PB	- PULL BOX
CU	- COPPER	PF	- POWER FACTOR
DGP	- DATA GATHERING PANEL	PH	- PHASE
DISC	- DISCONNECT	PNL	- PANEL
DN	- DOWN	PP	- POWER PANEL
DP	- DISTRIBUTION PANEL	PWR	- POWER
DWG	- DRAWING	R	- RELOCATED
E	- EXISTING	RM	- ROOM
ERPL	- EXISTING TO BE REPLACED WITH NEW	SB	- SPLICE BOX
ELEC	- ELECTRICAL	SP	- SPARE
ELEV	- ELEVATOR	SPECS	- SPECIFICATIONS
EQPMT	- EQUIPMENT	STD	- STANDARD
ER	- EXISTING TO REMAIN	SURF	- SURFACE
ERL	- EXISTING TO RELOCATE	SW	- SWITCH
EXIST	- EXISTING	SWBD	- SWITCHBOARD
FA	- FIRE ALARM	SWGR	- SWITCHGEAR
FBO	- FURNISHED BY OTHERS	TELCO	- TELEPHONE COMPANY
FCO	- FUSE CUT-OUT	TV	- TELEVISION
FCS	- FIRE COMMAND STATION	TYP	- TYPICAL
FDS	- FUSED DISC. SWITCH (FIRE ALARM)	U/G, UG	- UNDER-GROUND
FT	- FEET	UF	- UNFUSED
G	- GROUND	UPS	- UNINTERRUPTIBLE POWER SUPPLY
GND	- GROUND	U.O.N., UON	- UNLESS OTHERWISE NOTED
HC	- HUNG CEILING	V	- VOLTS
HH	- HAND-HOLE	VA	- VOLT AMPERE
HP	- HORSEPOWER	VIF	-VERIFIED IN FIELD
HT	- HEIGHT	W	- WATTS
HTG	- HEATING	W/	- WITH
HVAC	- HEATING VENTILATING AND AIR CONDITIONING	XFMR	- TRANSFORMER
HZ	- HERTZ	1/C,2/C,3/C	- Q'TY OF CONDUCTORS
IC	- INTERRUPTING CAPACITY	C/B, BKR	- CIRCUIT BREAKER
IG	- ISOLATED GROUND	CT, C/T	- CURRENT TRANSFORMER
IN	- INCHES	Ø	- PHASE
JB	- JUNCTION BOX		
KVA	- KILOVOLT AMPERES		

ELECTRICAL DRAWING LIST

DWG No.	DRAWING TITLE
E-001.00	ELECTRICAL SYMBOL LIST, ABBREVIATIONS, AND NOTES
E-101.00	SUB-CELLAR AND CELLAR FLOOR ELECTRICAL POWER PART PLANS
E-102.00	1ST, 2ND, 3RD, & 6TH FLOOR ELECTRICAL POWER PART PLANS
E-201.00	ELECTRICAL CONDUIT ROUTING PART PLANS I
E-202.00	ELECTRICAL CONDUIT ROUTING PART PLANS II
E-501.00	ELECTRICAL DETAILS I
E-502.00	ELECTRICAL DETAILS II
2 E-601.00	ELECTRICAL ONE-LINE DIAGRAMS
E-900.00	CELLAR ELECTRICAL DEMOLITION PLAN



LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 37

LIGHTING FIXTURE SCHEDULE

TYPE	FIXTURE DESCRIPTION	MANUFACTURER	LAMP QUANT.	LAMP WATTS	LAMP	TOTAL WATTS	VOLTAGE	COMMENTS
AV1	METALUX - 2VT2/LD5/3/DR/UNV/VT-REM-EL/L835/WL/SSL /U/VT2-SS-MBK	METALUX	2	22W	LED 3500K	44W	120/277V	WALL MOUNTED VAPORPROOF, GASKETED, LIGHT FIXTURE. FIXTURE TO BE NOMINALLY 7" WIDE X 6" HIGH X 2' LONG. FIXTURE TO CONTAIN A PRISMATIC LENS. FIXTURE TO BE SUITABLE FOR WET LOCATION. EM DENOTES FIXTURES TO CONTAIN 10 WATT EMERGENCY INTEGRAL BATTERY DRIVER SUITABLE FOR 90 MINUTES AND MINIMUM 1100 DELIVERED LUMENS.
BP	WILLIAMS - BP-24-LS/8CS-EM/10WKITCEC-QS-UNV	WILLIAMS	2	29W	LED 3500K	58W	120/277V	SURFACE MOUNTED BACKLIT FLAT PANEL LIGHT FIXTURE. FIXTURE TO BE NOMINALLY 2' WIDE X 1-3/4" HIGH X 4' LONG. FIXTURE TO CONTAIN A PRISMATIC LENS. EM DENOTES FIXTURES TO CONTAIN 10 WATT EMERGENCY INTEGRAL BATTERY DRIVER SUITABLE FOR 90 MINUTES AND MINIMUM 1100 DELIVERED LUMENS.

NOTES
1. ALL LIGHTING FIXTURES SHALL BE LISTED.
2. CONTRACTOR SHALL SUBMIT ALL LIGHTING FIXTURE CUTS FOR REVIEW AND APPROVAL.
3. CONTRACTOR SHALL NOT MAKE SUBSTITUTIONS WITHOUT PRIOR APPROVAL OF THE ENGINEER AND ARCHITECT.
4. EXACT MOUNTING CONDITION TO BE COORDINATED IN THE FIELD.
5. REFER TO THE ARCHITECTURAL DRAWINGS FOR FINAL LIGHT FIXTURE REQUIREMENTS.
6. MANUFACTURER TO PROVIDE SAME LED BOARDS AND DRIVERS FOR FIXTURES FROM THE SAME MANUFACTURER.

NOT FOR CONSTRUCTION

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116 West 32nd Street, 12th Floor, New York, N.Y. 10001
P 212 643 9055 www.mgedpc.net

NO.	DATE	REVISION
2	04/17/2025	ADDENDUM #2
1	03/21/2025	ISSUED FOR BID

MEP Consultants
MG Engineering D.P.C.
116 West 32nd Street,
New York, NY, 10001

Environmental Consultants
EPM, Inc.
1983 Marcus Ave. Suite 109
Lake Sucess, NY 11042 / (516) 328-1194

Fashion Institute of Technology
227 West 27th Street
New York, NY 10001

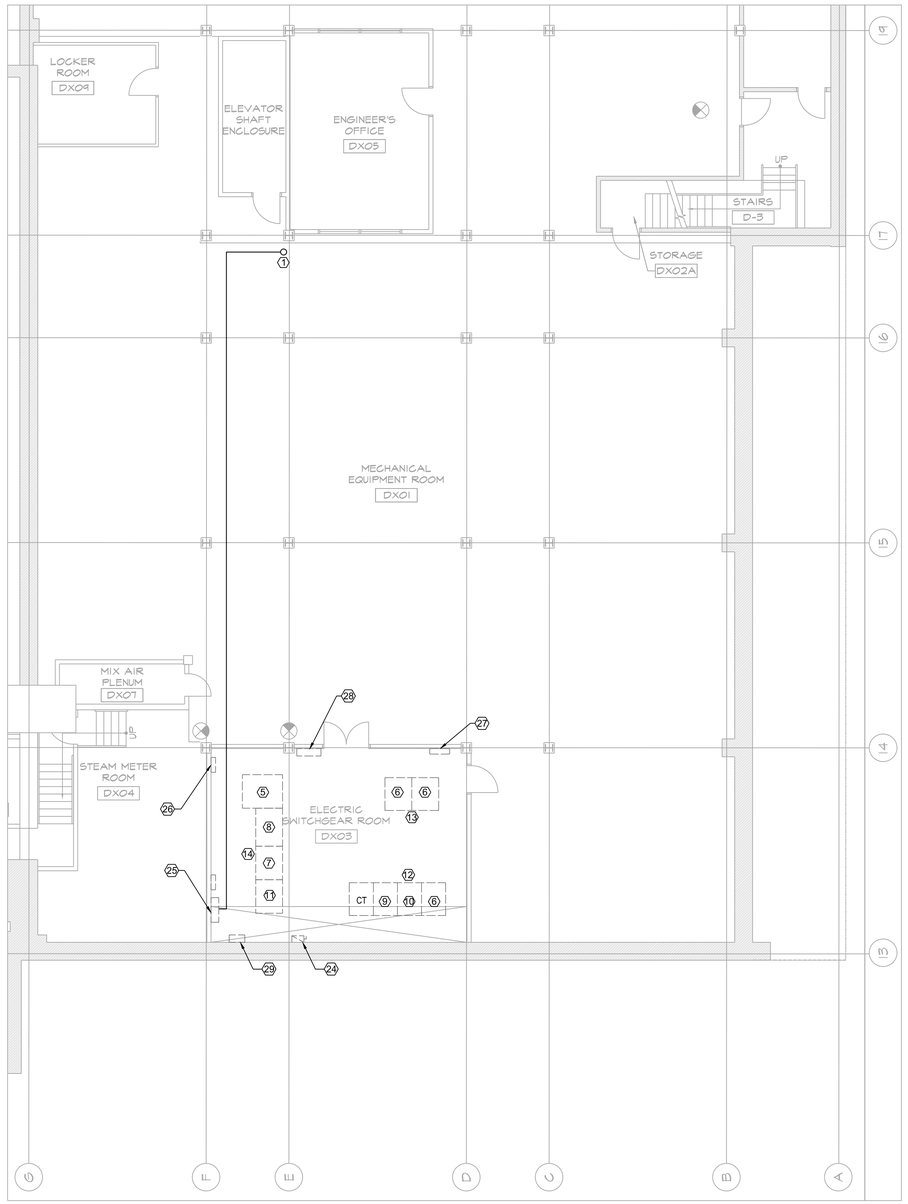
David Smotrich & Partners LLP
Architects/Planers
443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

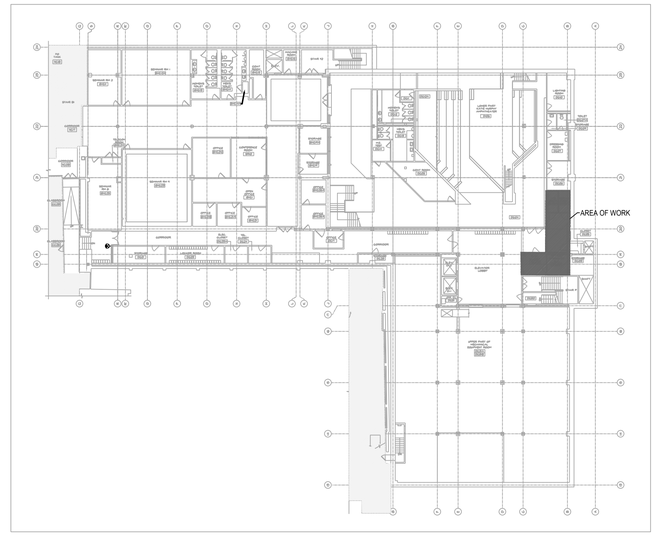
DRAWING TITLE:
ELECTRICAL SYMBOL LIST, ABBREVIATIONS, AND NOTES
DOB NOW JOB#

SEAL & SIGNATURE:

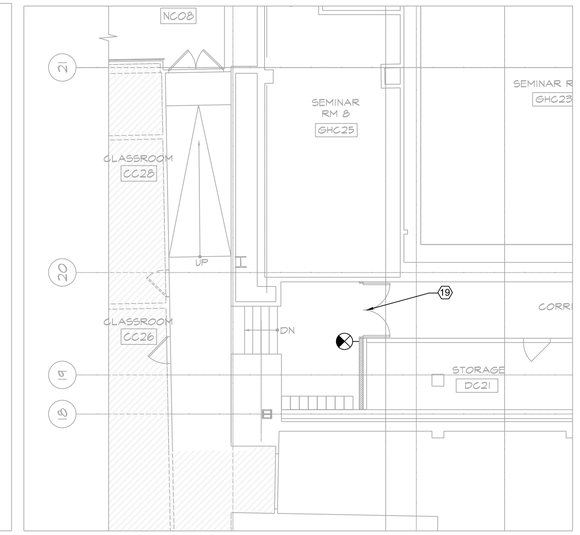
DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	N.T.S
DWG No:	E-001.00
CADD FILE:	DOB page: 1 OF 4



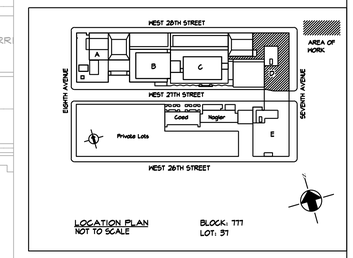
1 SUB-CELLAR ELECTRICAL POWER PART PLAN
SCALE: 1/8" = 1'-0"



2 CELLAR ELECTRICAL AREA OF WORK
SCALE: 1/32" = 1'-0"

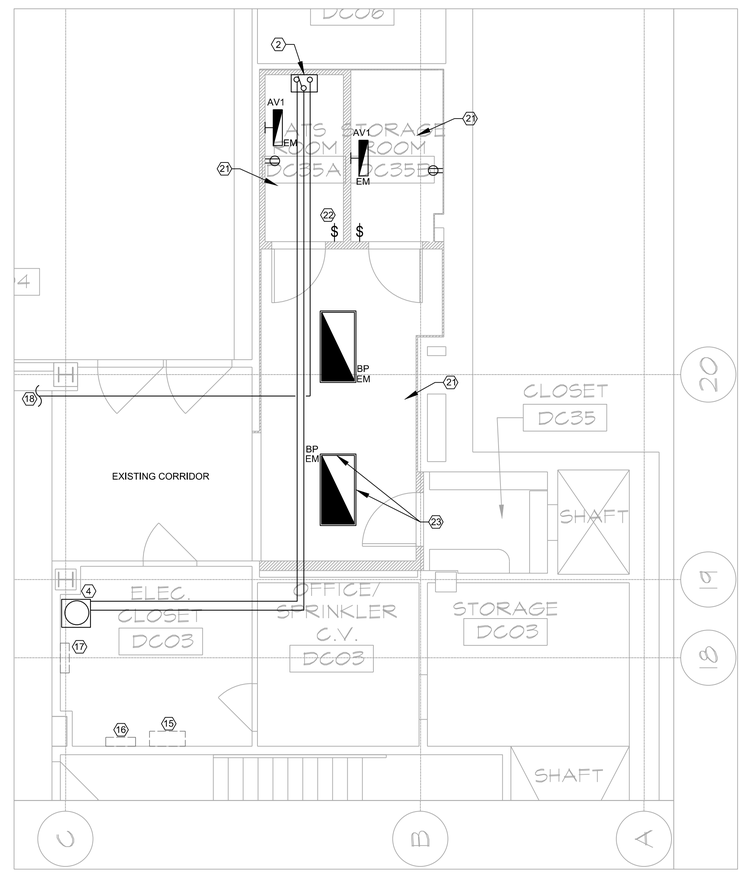


4 CELLAR FLOOR ELECTRICAL POWER PART PLAN
SCALE: 1/8" = 1'-0"



LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 37



3 CELLAR ELECTRICAL POWER PART PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. REFER TO SHEET E-001 FOR SYMBOLS AND ABBREVIATIONS.
2. REFER TO SHEET E-002 FOR NOTES.
3. REFER TO THE E-600 SERIES DRAWINGS FOR ONE-LINE DIAGRAM .
4. ALL CDTS SHOWN SHALL BE SUPPORTED BY STRUCTURAL CEILING AND BE INSTALLED AS HIGH AS POSSIBLE.

KEY NOTES:

1. CONTRACTOR SHALL ROUTE THE CONDUIT & WIRING UP TO THE 1ST FLOOR TO ENERGIZE THE NEW FIRE COMMAND STATION
2. NEW 208V, 3PH, 125A AUTOMATIC TRANSFER SWITCH (ATS-LS-1). LOAD SIDE OF THE ATS IS THE FIRE ALARM FUSED CUT-OUT PANEL IN THE SUB CELLAR. REFER TO E-601 FOR ADDITIONAL INFORMATION.
3. NOT USED.
4. FIRE ALARM RISER FROM THE SUB-CELLAR TO THE 6TH FLOOR.
5. EXISTING MS2-2A IN ELECTRICAL SWITCHGEAR ROOM.
6. EXISTING DISTRIBUTION SWITCHES IN ELECTRICAL SWITCHGEAR ROOM.
7. EXISTING SS#1 (SERVICE 1)
8. EXISTING SS#2 & SS#3 (SERVICE 1)
9. EXISTING SS#1 (SERVICE 2)
10. EXISTING SS#2 (SERVICE 2)
11. EXISTING SERVICE END BOX
12. EXISTING SWITCHBOARD MSD-1
13. EXISTING SWITCHBOARD MSD-2
14. EXISTING SWITCHBOARD MSD-3
15. EXISTING PANELBOARD DP-DCA (MSD-1)
16. EXISTING PANELBOARD LP-DCC
17. EXISTING PANELBOARD AP-DCA.
18. EMERGENCY POWER FEEDING THE ATS COMING FROM THE NEW ACADEMIC BUILDING GENERATOR LOCATED ON THE ROOF. REFER TO E-200 SERIES FOR CONDUIT ROUTING.
19. NOT AN EGRESS FROM POMERANTZ. EXISTING LIGHTING CIRCUITRY AND CONTROL SCHEME, AFFECTED BY THE NEW TRANSITION DOOR, SHALL BE MAINTAINED ON EITHER SIDE.
20. NOT USED
21. ALL ELECTRICAL EQUIPMENT SHALL BE REMOVED IN THIS ROOM (LIGHTING, SWITCHES, RECEPTACLES, ETC.). CONTRACTOR SHALL REUSE EXISTING CIRCUITS, CONDUIT, AND JUNCTION BOXES FOR THE NEW EQUIPMENT. CONTRACTOR SHALL PROVIDE NEW WIRING AND SPLICE AND EXTEND WIRE AND CONDUIT WHERE REQUIRED.
22. CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING LIGHTING, LIGHTING CONTROLS, AND RECEPTACLES BACK TO THE SOURCE. CONTRACTOR SHALL PROVIDE WIRING TO THE NEW EQUIPMENT. (TYP. FOR ALL NEW LIGHTING EQUIPMENT AND RECEPTACLES IN THIS LOCATION)
23. CONTRACTOR SHALL REUSE EXISTING CIRCUITING AND LIGHTING CONTROLS FROM THE EXISTING CORRIDOR LIGHTING TO ENERGIZE AND CONTROL NEW CORRIDOR LIGHTING. CONTRACTOR SHALL SPLICE AND EXTEND WIRING AND CONDUIT AS REQUIRED.
24. EXISTING FIRE ALARM SYSTEM FUSED DISCONNECT SWITCH
25. EXISTING FUSED CUT-OUT PANEL FOR FIRE ALARM SYSTEM
26. EXISTING PANEL LP-D
27. EXISTING PUMP PANEL
28. EXISTING PANEL DP-DSCA
29. EXISTING CON-ED METER

GENERAL NOTES:

1. REFER TO DWG E-001 FOR NOTES ABBREVIATIONS, AND LIGHT FIXTURE SCHEDULE.

NOT FOR CONSTRUCTION

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116 West 32nd Street, 12th Floor, New York, N.Y. 10001
P 212.643.9055
www.mgedpc.net

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1	03/21/2025	ISSUED FOR BID

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MG Engineering D.P.C.
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EPM, Inc.
1983 Marcus Ave. Suite 109
Lake Sucess, NY 11042 / (516) 328-1194

Fashion Institute of Technology
227 West 27th Street
New York, NY 10001

David Smotrich & Partners LLP
Architects/Planers
443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:
SUB-CELLAR & CELLAR FLOOR ELECTRICAL POWER PART PLANS
DOB NOW JOB#

SEAL & SIGNATURE:

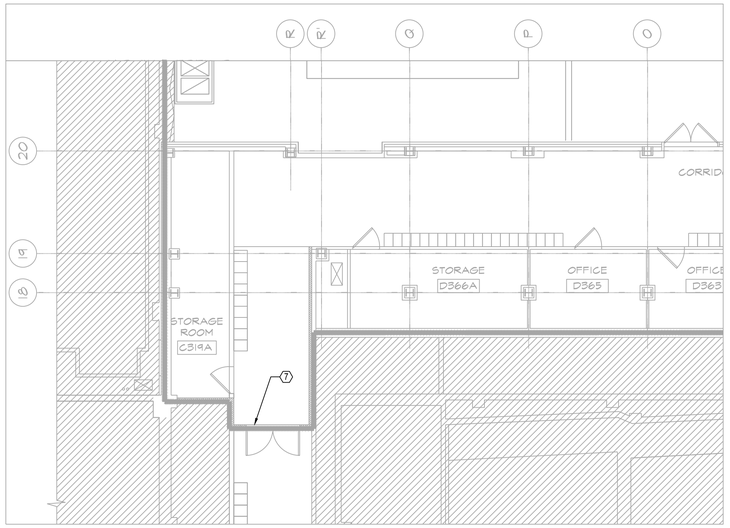
DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	AS NOTED
DWG No:	E-101.00
CADD FILE:	DOB page: 3 OF 4

GENERAL NOTES:

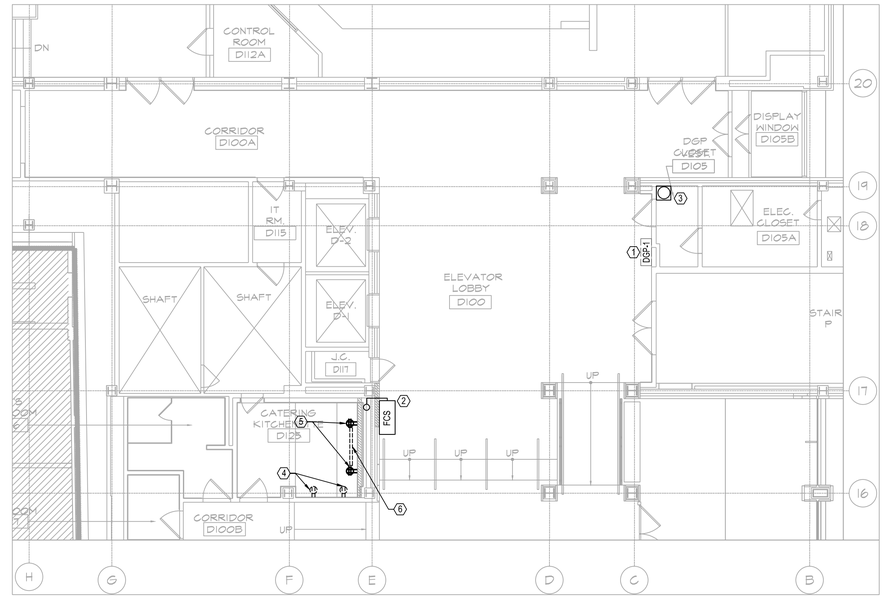
1. REFER TO SHEET E-001 FOR SYMBOLS AND ABBREVIATIONS.
2. REFER TO SHEET E-002 FOR NOTES.
3. REFER TO THE E-600 SERIES DRAWINGS FOR ONE-LINE DIAGRAM .
4. ALL CDTS SHOWN SHALL BE SUPPORTED BY STRUCTURAL CEILING AND BE INSTALLED AS HIGH AS POSSIBLE.

KEY NOTES:

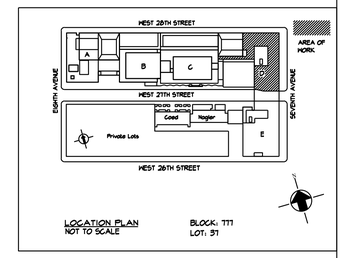
1. EXISTING FIRE ALARM SYSTEM DATA GATHERING PANEL TO REMAIN.
2. CONTRACTOR SHALL ENERGIZE THE FIRE COMMAND STATION FROM THE FIRE ALARM FUSED CUT OUT PANEL IN THE SUB-CELLAR.
3. FIRE ALARM RISER FROM THE SUB-CELLAR TO THE 6TH FLOOR.
4. EXISTING RECEPTACLES TO REMAIN.
5. CONTRACTOR SHALL REPLACE IN-KIND. SPLICE AND EXTEND EXISTING CIRCUITRY (WIRING AND CONDUIT) TO ACCOMMODATE THE NEW RECEPTACLES. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS.
6. RELOCATED EXISTING LIGHT FIXTURE AFFECTED BY THE INSTALLATION OF NEW SHAFT WALL. CONTRACTOR SHALL SPLICE AND EXTEND EXISTING CIRCUITRY (WIRING AND CONDUIT) TO ACCOMMODATE THE NEW LOCATION.
7. NOT AN EGRESS FROM POMERANTZ. EXISTING LIGHTING CIRCUITRY AND CONTROL SCHEME, AFFECTED BY THE NEW TRANSITION DOOR, SHALL BE MAINTAINED ON EITHER SIDE.
8. CDT UP TO THE ELEVATOR MACHINE ROOM ABOVE FOR FIRE ALARM DEVICE WIRING.



4 THIRD FLOOR ELECTRICAL POWER PART PLAN
SCALE: 1/8"=1'-0"

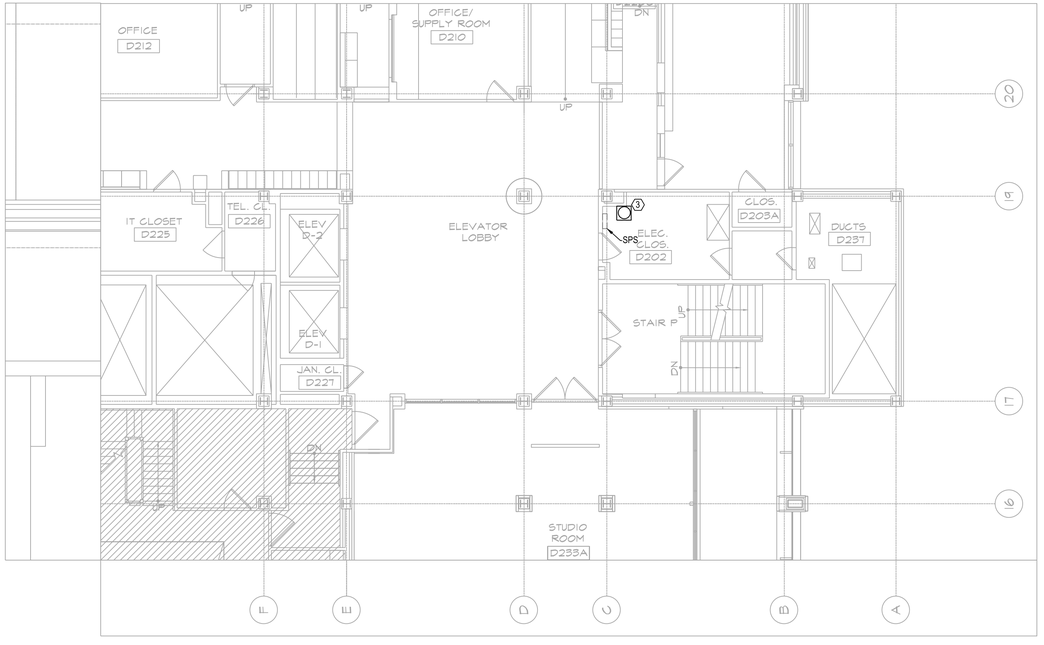


1 FIRST FLOOR ELECTRICAL POWER PART PLAN
SCALE: 1/8"=1'-0"

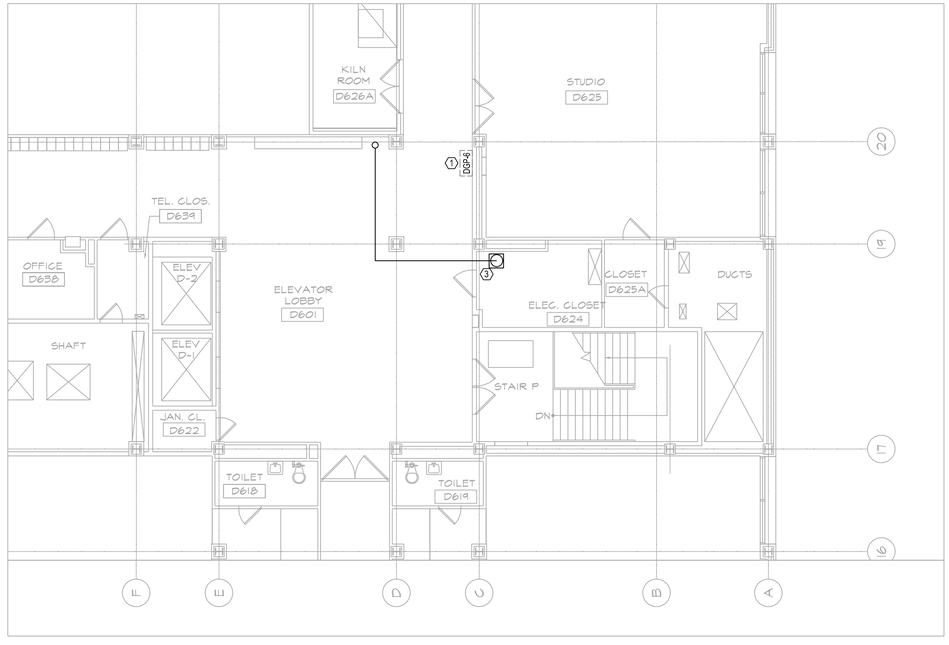


LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31



2 2ND FLOOR ELECTRICAL POWER PART PLAN
SCALE: 1/8"=1'-0"



3 SIXTH FLOOR ELECTRICAL POWER PART PLAN
SCALE: 1/8"=1'-0"

NOT FOR CONSTRUCTION

NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE

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116 West 32nd Street,
New York, NY, 10001

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EPM, Inc.
1983 Marcus Ave. Suite 109
Lake Sucess, NY 11042 / (516) 328-1194

Fashion Institute of Technology
227 West 27th Street
New York, NY 10001

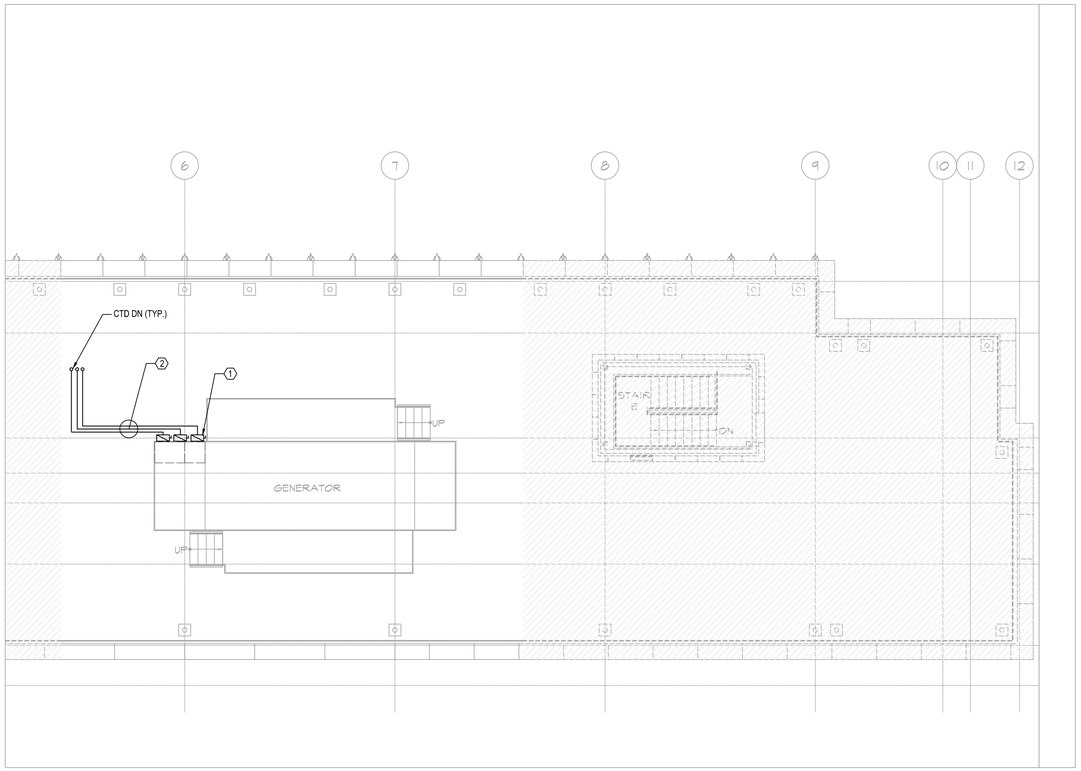
David Smotrich & Partners LLP
Architects/Planers
443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

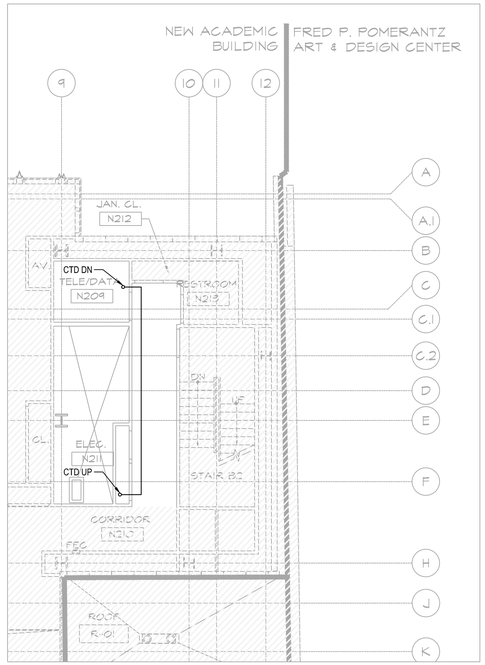
DRAWING TITLE:
1ST, 2ND, 3RD, & 6TH FLOOR ELECTRICAL POWER PART PLANS
DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	N.T.S
DWG No:	E-102.00
CADD FILE:	DOB page: - OF -



1 NEW ACADEMIC BUILDING ROOF CONDUIT ROUTING PART PLAN
SCALE: 1/8"=1'-0"



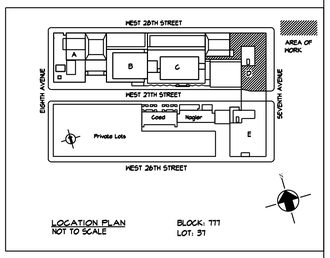
3 NEW ACADEMIC BUILDING 2ND FLOOR CONDUIT ROUTING PART PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES:

1. REFER TO SHEET E-001 FOR SYMBOLS AND ABBREVIATIONS.
2. REFER TO SHEET E-002 FOR NOTES.
3. REFER TO THE E-600 SERIES DRAWINGS FOR ONE-LINE DIAGRAM.
4. ALL CDTS SHOWN SHALL BE SUPPORTED BY STRUCTURAL CEILING AND BE INSTALLED AS HIGH AS POSSIBLE.

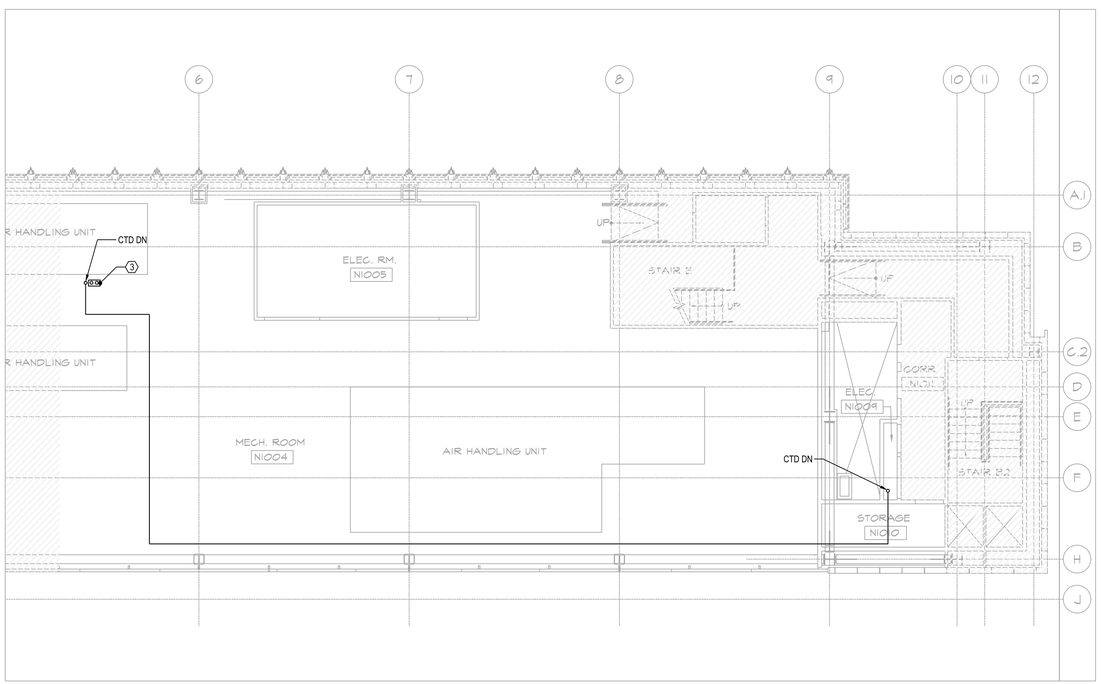
KEY NOTES:

1. TAP AHEAD OF THE MAIN SWITCH IN THE GENERATOR ENCLOSURE AND PROVIDE FOUR 200AS/100AF FDNY RED LOCKABLE IN THE "ON" POSITION DISCONNECT SWITCHES TO FEED THE EMERGENCY SOURCES OF BUILDINGS A/B, D, & E FIRE ALARM SYSTEMS. THE DISCONNECT SWITCHES FOR BUILDINGS A/B AND E CAN BE LOCKED IN THE "OFF" POSITION FOR NOW AS THEY ARE BEING INSTALLED FOR FUTURE USE. CONDUIT AND WIRING FOR BUILDINGS A/B AND E SHALL STUB DOWN INTO THE 10TH FLOOR AND BE CAPPED AND LABELED FOR FUTURE USE AT THE INDICATED LOCATION ON THIS DRAWING. CONDUIT AND WIRING FOR THE BUILDING "D" FIRE ALARM SYSTEM EMERGENCY SOURCE SHALL FOLLOW THE ROUTING SHOWN IN THE E-200 SERIES TO FEED THE EMERGENCY SOURCE OF THE ATS FOR THE BUILDING "D" FIRE ALARM SYSTEM. REFER TO E-600 SERIES FOR A ONE-LINE DIAGRAM AND ADDITIONAL INFORMATION. CONTRACTOR SHALL PROVIDE MEYERS HUBS FOR ALL PENETRATIONS THROUGH THE GENERATOR ENCLOSURE.
2. CONTRACTOR SHALL INSTALL RMC AT A MINIMUM HEIGHT OF 7'-0" ABOVE THE EXISTING ROOFTOP PAVERS, SUPPORTED BY THE STRUCTURAL ROOF, BENEATH THE PAVERS. SUPPORTS SHALL BE SPACED A MAXIMUM OF 10'-0" AND RATED FOR ROOFTOP APPLICATIONS. CONDUIT SUPPORTS SHALL BE WEATHER-RESISTANT, CAPABLE OF WITHSTANDING WIND LOADS, AND DESIGNED TO PREVENT DAMAGE TO THE ROOFTOP SURFACE. ALL CONDUITS SHALL BE SECURELY FASTENED USING UNISTRUT FRAMING. PROVIDE EXPANSION FITTINGS AS REQUIRED. FINAL ROUTING SHALL BE VIF.
3. CONDUIT FROM ROOF GENERATOR FOR FUTURE BUILDINGS 'A/B' AND E FIRE ALARM SYSTEM USE.

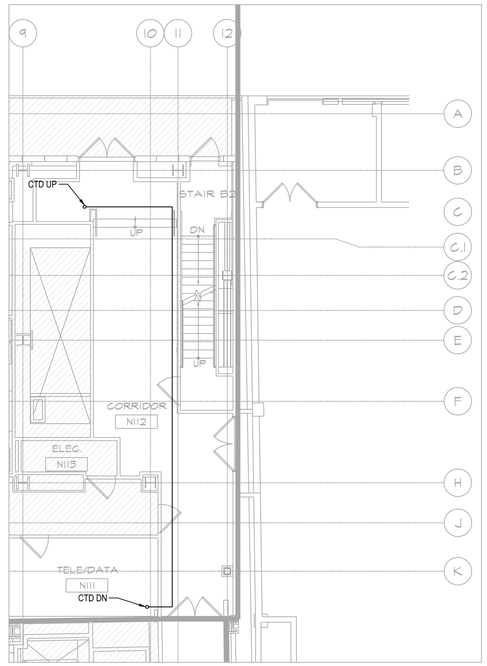


LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 37



2 NEW ACADEMIC BUILDING 10TH FLOOR MECHANICAL ROOM CONDUIT ROUTING PART PLAN
SCALE: 1/8"=1'-0"



4 NEW ACADEMIC BUILDING 1ST FLOOR CONDUIT ROUTING PART PLAN
SCALE: 1/8"=1'-0"

NOT FOR CONSTRUCTION

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227 West 27th Street
New York, NY 10001

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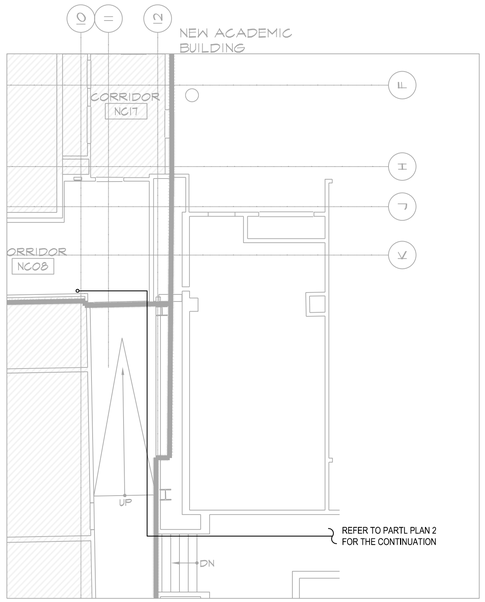
443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:
ELECTRICAL
CONDUIT ROUTING
PART PLANS I
DOB NOW JOB#

SEAL & SIGNATURE:

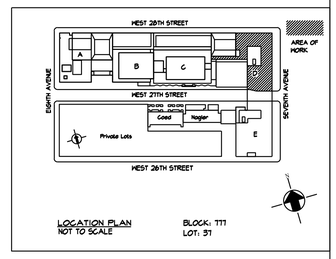
DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	NTS
DWG No:	E-201.00
CADD FILE:	DOB page: 2 OF 4

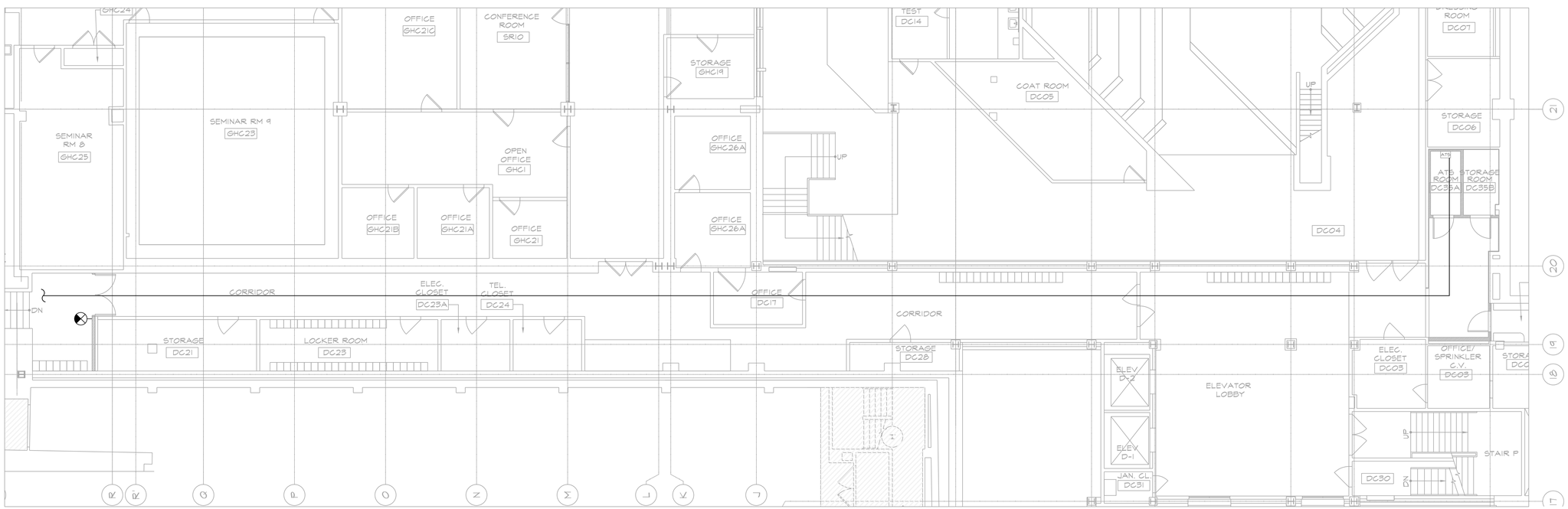


1 NEW ACADEMIC BUILDING CELLAR CONDUIT ROUTING PART PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES:

1. REFER TO DWG E-001 FOR NOTES ABBREVIATIONS, AND LIGHT FIXTURE SCHEDULE.
2. REFER TO THE E-500 SERIES FOR DETAILS, ONE-LINE DIAGRAMS, ETC.





2 POMERANTZ CELLAR CONDUIT ROUTING PART PLAN
SCALE: 1/8"=1'-0"

NO.	DATE	REVISION
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Environmental Consultants
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Lake Sucess, NY 11042 / (516) 328-1194

Fashion Institute of Technology
227 West 27th Street
New York, NY 10001

David Smotrich & Partners LLP
Architects/Planers
443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:
ELECTRICAL
CONDUIT ROUTING
PART PLANS II
DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	NTS
DWG No:	E-202.00
CADD FILE:	DOB page: 2 OF 4

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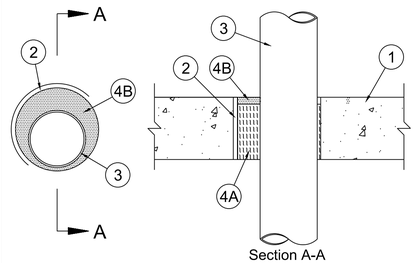
P 212.643.9055 www.mgedpc.net

Guide XHEZ
Through-Penetration Firestop Systems

System No. C-AJ-1319
F-Rating - 3 Hr
T-Rating - 0 Hr

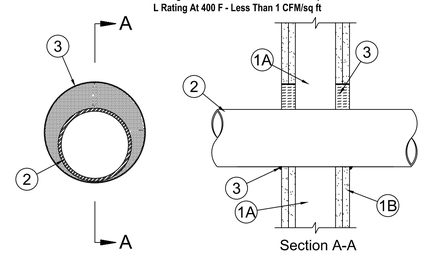


Section A-A

1. Floor or wall assembly -- min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. floor may also be constructed of any ul classified hollow core precast concrete units*. wall may also be constructed of any ul classified concrete blocks*. max diam of opening is 6 in.
see concrete blocks (cazt) and precast concrete units (cftv) categories in the fire resistance directory for names of manufacturers.
2. Nonmetallic sleeve -- (optional) -- nom 6 in. diam (or smaller) schedule 40 polyvinyl chloride pipe sleeve cast or grouted into concrete flush with both surfaces of floor or wall.
3. Through penetrant -- one metallic pipe, conduit or tubing to be installed either concentrically or eccentrically within the firestop system. the annular space between the pipe, conduit or tubing and the periphery of the opening shall be min 1/4 in. to max 1-3/4 in. pipe, conduit or tubing to be rigidly supported on both sides of floor or wall assembly. the following types and sizes of metallic pipes, conduits or tubing may be used:
A. Steel pipe -- nom 4 in. diam (or smaller) schedule 10 (or heavier) steel pipe.
B. Iron pipe -- nom 4 in. diam (or smaller) cast or ductile iron pipe.
C. Conduit -- nom 4 in. diam (or smaller) rigid steel conduit, nom 4 in. diam (or smaller) steel electrical metallic tubing or nom 1 in. diam (or smaller) flexible steel conduit.
D. Copper tubing -- nom 4 in. diam (or smaller) type l (or heavier) copper tubing.
E. Copper pipe -- nom 4 in. diam (or smaller) regular (or heavier) copper pipe.
4. Firestop system -- the firestop system shall consist of the following:
A. Packing material -- min 4 in. thickness of 4 pcf mineral wool batt insulation compressed and firmly packed into opening as permanent form. packing material to be recessed from top surface of floor or from both surfaces of wall as required to accommodate the required thickness of fill material. in floors constructed of hollow-core precast concrete units, mineral wool packing material to extend below exposed cores in precast concrete units.
B. Fill, void or cavity material*--sealant -- min 1/2 in. thickness of fill material applied within the annulus flush with top surface of floor or with both surfaces of wall.
Specified technologies inc -- specseal series sss sealant or specseal lci sealant
*Bearing the ul classification mark

DETAIL 1

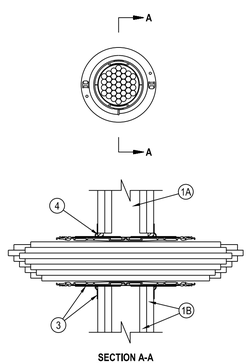
System No. W-L-1079
F Rating - 2 Hr
T Rating - 0 Hr
L Rating At Ambient - Less Than 1 CFM/sq ft
L Rating At 400 F - Less Than 1 CFM/sq ft



Section A-A

1. Wall assembly -- the 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual u300 or u400 series wall or partition design in the ul fire resistance directory and shall include the following construction features:
A. Studs -- wall framing may consist of either wood studs or steel channel studs. wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. oc. steel studs to be min 3-5/8 3-1/2 in. wide and spaced max 24 in. oc. when steel studs are used and the diam of opening exceeds the width of stud cavity, the opening shall be framed on all sides using lengths of steel stud installed between the vertical studs and screw-attached to the steel studs at each end. the framed opening in the wall shall be 4 to 6 in. wider and 4 to 6 in. higher than the diam of the penetrating item such that, when the penetrating item is installed in the opening, a 2 to 3 in. clearance is present between the penetrating item and the framing on all four sides.
B. Gypsum board* -- 5/8 in. thick, 4 ft wide with square or tapered edges. the gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual u300 or u400 series design in the ul fire resistance directory. max diam of opening is 26 in. for steel stud walls. max diam of opening is 14-1/2 in. for wood stud walls.
the hourly f rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.
2. Through penetrant -- one metallic pipe, conduit or tubing to be installed either concentrically or eccentrically within the firestop system. pipe, conduit or tubing may be installed at an angle not greater than 45 degrees from perpendicular. the annular space between pipe, conduit or tubing and periphery of opening shall be min 0 in. (point contact) to max 2 in. pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. the following types and sizes of metallic pipes, conduits or tubing may be used:
A. Steel pipe -- nom 24 in. diam (or smaller) schedule 10 (or heavier) steel pipe.
B. Iron pipe -- nom 24 in. diam (or smaller) cast or ductile iron pipe.
C. Conduit -- nom 4 in. diam (or smaller) steel electrical metallic tubing, nom 6 in. diam (or smaller) steel conduit or nom 1 in. diam (or smaller) flexible steel conduit.
D. Copper tubing -- nom 6 in. diam (or smaller) type l (or heavier) copper tubing.
E. Copper pipe -- nom 6 in. diam (or smaller) regular (or heavier) copper pipe.
3. Fill, void or cavity material* -- sealant -- min 5/8 in. thickness of fill material applied within annulus, flush with both surfaces of wall. at the point contact location between through penetrant and gypsum board, a min 3/8 in. diam bead of fill material shall be applied at the gypsum board/through penetrant interface on both surfaces of wall.
Specified technologies inc -- specseal series sss sealant or specseal lci sealant
*Bearing the ul classification mark

System No. W-L-3334
F Ratings — 1 and 2 Hr (See Item 1)
T Ratings — 0, 1, 1-3/4 and 2 Hr (See Items 2 and 3)
L Ratings at Ambient — Less Than 1 CFM/sq ft, 5 CFM/sq ft and 9 CFM/sq ft (See Item 2)
L Rating at 400F — Less Than 1 CFM/sq ft, 1 CFM/sq ft and 10 CFM/sq ft (See Item 2)



SECTION A-A

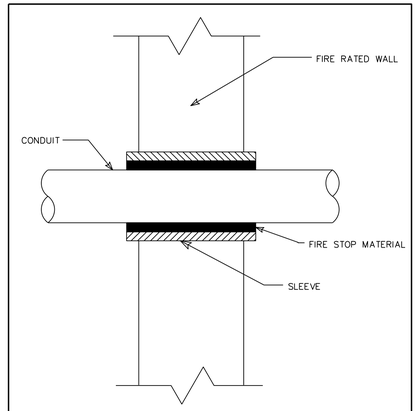
TYPICAL FIRE STOPPING FOR ALL
FIRE RATED GYPSUM WALLS
NO SCALE

1. Wall Assembly -- The 1 or 2 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner described within the individual U300, U400 or V400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall incorporate the following construction features:
A. Studs -- Wall framing shall consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced max 16 in. OC. Steel studs to be min 2-1/2 in. wide and spaced max 24 in. OC.
B. Gypsum Board* -- Nom 5/8 in. thick gypsum board as specified in the individual Wall and Partition Design. Opening in gypsum board to be max 2-1/2 in. diam for 2" device and max 4-1/2 in. diam for 4" device. The hourly F Rating of the firestop system is dependent upon the hourly rating of the wall in which it is installed.
2. Cables -- Within the loading area for each firestop device, the cables may represent a 0 to 100 percent visual fill. Cables to be tightly bundled within the device and rigidly supported on both sides of wall assembly. Any combination of the following types of cables may be used:
A. Max 100 pair No. 24 AWG (or smaller) copper conductor telecommunication cable with polyvinyl chloride (PVC) jacketing and insulation.
B. Max 7/C No. 12 AWG copper conductor control cable with PVC or XLPE jacket and insulation.
C. Max 4/0 AWG Type RHH ground cable.
D. Max 4 pr No. 22 AWG Cat 5 or Cat 6 computer cables.
E. Max RG 6/U coaxial cable with fluorinated ethylene insulation and jackeling.
F. Fiber optic cable with polyvinyl chloride (PVC) or polyethylene (PE) jacket and insulation having a max diam of 1/2 inches.
G. Max 20/C No. 22 AWG shielded printer cable with PVC jacket.
H. Through-Penetrating Product* - Two copper conductors No. 18 AWG (or smaller) Power or Non Power Limited Fire Alarm Cable with or without a jacket under a metal armor.
AFC CABLE SYSTEMS INC
I. Max. 1/4 in. diameter S-Video Cable consisting of 2 max 24 AWG 75 ohm coax or twisted pair cable with PE insulation and PVC jacket .
J. Max 3/C No 12 AWG MC Cable.
K. Through Penetrating Product* -- Any cables, Armored Cable+ or Metal Clad Cable+ currently Classified under the Through Penetrating Product category. See Through Penetrating Product (XHLY) category in the Fire Resistance Directory for names of manufacturers. For openings with cables, when the hourly rating of the wall assembly is 1 hr, the T Rating is 0 hr. For openings with cables, when the hourly rating of the wall assembly is 2 hr, the T Rating is 1-3/4 hr except that when Item 2C, 2G, 2I 2J or 2K is used, the T Rating is 1 hr for 2C, 2 OR 2I and the T Rating is 1/2 hr for 2J or 2 K (see Item 3 also). L Ratings apply only when device flanges and CP 606 or FS-One Sealant is used. For blank (no cables) openings, the L Rating at Ambient and 400F is Less Than 1 CFM/sq ft (or Less Than 1 CFM/Unit). For openings with cables, the L Rating is 9 CFM/sq ft (or 1 CFM/Unit) at Ambient and 10 CFM/sq ft (or 1 CMF/Unit) at 400F. For openings with Cat 5 or 6 cables only (Item 2D), the L Rating is 5 CFM/sq ft (or Less T on 1 CFM/Unit) at Ambient and 1 CFM/sq ft (or Less Than 1 CFM/Unit) at 400F.
3. Firestop Device* -- Firestop device consists of a corrugated steel tube with an inner plastic housing, intumescent material rings and twisted inner fabric smoke seal. Firestop device to be installed in accordance with the accompanying installation instructions. As an option, the inner fabric seal may remain open except that, to attain the L Rating, the inner fabric seal shall be twisted to completely close off the opening within device. Device slid into wall such that ends project an equal distance from the approximate centerline of the wall assembly. The annular space between the device and the periphery of the opening shall be min 0 in. (point contact). Device provided with flanges that are spun clockwise onto device threads, butting tightly to both sides of wall. Device flanges are optional. When the device flanges are not used, the T Rating for the firestop system is 0 hr. For blank openings (no cables), the T Rating for the firestop system equals the F Rating only when the device flanges are used. HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC -- CP 653 2" Speed Sleeve and CP 653 4" Speed Sleeve
4. Fill, Void or Cavity Material* - Sealant -- Min 1/2 in. thickness of fill material applied within the annulus between firestop device and wall, flush with both surfaces of wall, and an additional 1/4 in. bead applied around periphery of device. When device flanges are used, gypsum drywall compound may be used in place of the fill material.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC -- FS-ONE or CP 606 Sealant

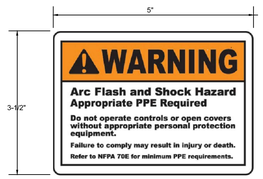
*Bearing the UL Classification Mark

DETAIL 2



CONDUIT PENETRATION
THRU FIRE RATED WALL
NOT TO SCALE

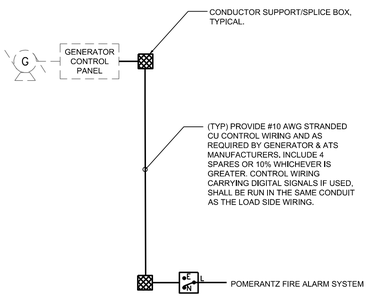
DETAIL 3



NOTES:

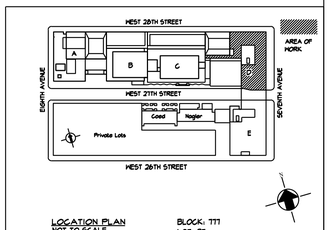
1. PROVIDE GENERIC ARC-FLASH LABELS AS SHOWN ON ALL ELECTRIC LOAD CENTERS, PANELBOARDS, SWITCHBOARDS, SWITCHGEAR, MOTOR CONTROLERS, VFDS, ATS, ENCLOSED SWITCHES AND CIRCUIT BREAKERS, CONTROL PANELS, SPLICE BOXES AND ALL OTHER ELECTRICAL SERVICE & DISTRIBUTION EQUIPMENT.
2. LABELS TO COMPLY WITH NFPA 70, NFPA 70E, 29 CFR 1910.144, 29 CFR 1910.145 (OSHA) AND ANSI Z535 (COLORS, SYMBOLS, ETC.)
3. LABELS SHALL BE SELF-ADHESIVE, POLYESTER OR VINYL FILM LABELS; PREPRINTED, 6-MIL-THICK, FLEXIBLE LABEL LAMINATED WITH A CLEAR, WEATHERPROOF, UV-RESISTANT, CHEMICAL RESISTANT COATING. MINIMUM LETTER HEIGHT SHALL BE 3/8 INCH.
4. INSTALL IDENTIFICATION MATERIALS AND DEVICES AT LOCATIONS FOR MOST CONVENIENT VIEWING WITHOUT INTERFERENCE WITH OPERATION AND MAINTENANCE OF EQUIPMENT. APPLY TO EXTERIOR OF DOOR, COVER, OR OTHER ACCESS.

DETAIL 4



NOTES: 1. ALL CONTROLS ARE NEW WORK.
2. CONTRACTOR SHALL COORDINATE ALL CONTROLS WIRING REQUIREMENTS WITH VENDORS OF ALL EQUIPMENT.
3. CONTRACTOR TO SUBMIT DETAILED, POINT-TO-POINT WIRING DIAGRAM TO ENGINEER FOR REVIEW & APPROVAL.
4. ALL CONTROL WIRING SHALL MEET THE REQUIREMENTS OF NFPA 70, ARTICLE 700.9(D); INCLUDING ROUTING AND PROTECTION REQUIREMENTS.
5. AC POWER TO ALL CONTROLS SHALL BE FROM LOAD SIDE OF EMERGENCY POWER ATS.
6. QUANTITY OF ATS, DESIGNATIONS AND LOADS SERVED ARE TYPICAL, REFER TO ELECTRICAL ONE-LINE / RISER DIAGRAMS AND OTHER CONTRACT DOCUMENTS FOR SPECIFIC INFORMATION.

5 **Typical Generator Controls Wiring Diagram**
Not to Scale



LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31

NO.	DATE	REVISION
1	03/21/2025	ISSUED FOR BID

MEP Consultants
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Lake Sucess, NY 11042 / (516) 328-1194

Fashion Institute of Technology
227 West 27th Street
New York, NY 10001

David Smotrich & Partners LLP
Architects/Planers
443 Park Avenue South — New York, NY 10016
212 889 4045 — Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:
ELECTRICAL
DETAILS I

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	CTD
SCALE:	1/8"=1'-0"
DWG No:	E-501.00
CADD FILE:	DOB page: 4 OF 7

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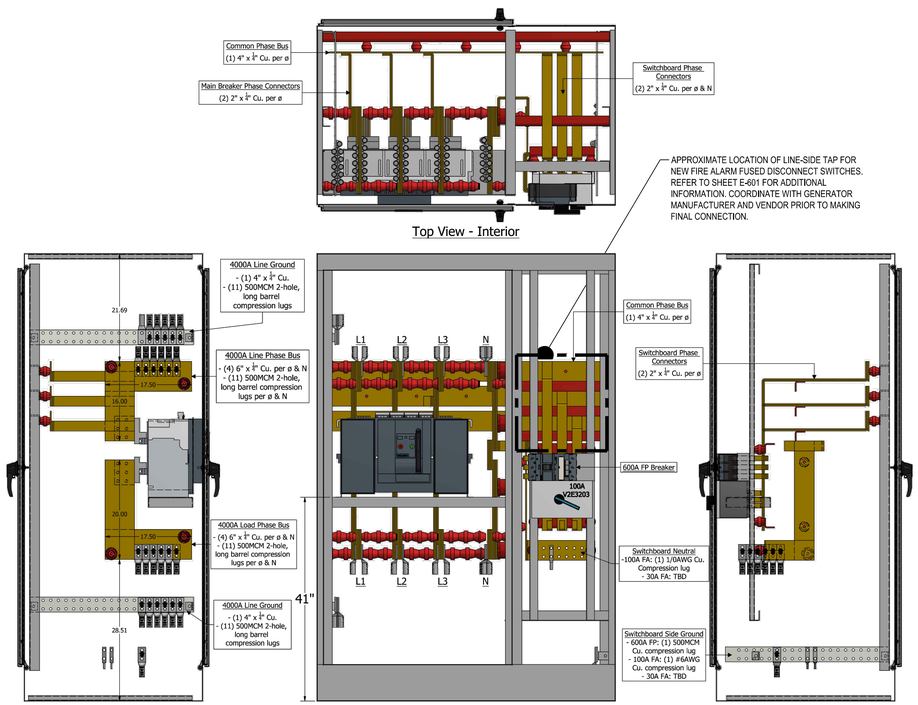

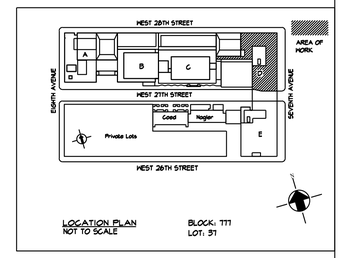

LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 37

NO.	DATE	REVISION
1	03/21/2025	ISSUED FOR BID

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443 Park Avenue South — New York, NY 10016
212 889 4045 — Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:

ELECTRICAL DETAILS II

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	CTD
SCALE:	1/8"=1'-0"
DWG No:	E-502.00
CADD FILE:	DOB page: 4 OF 7

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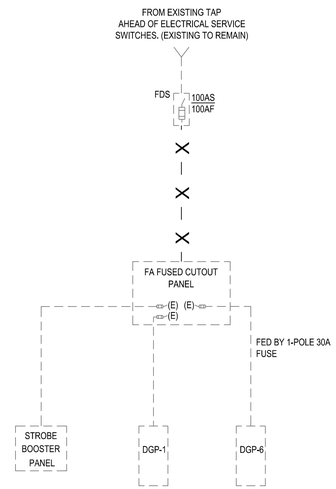
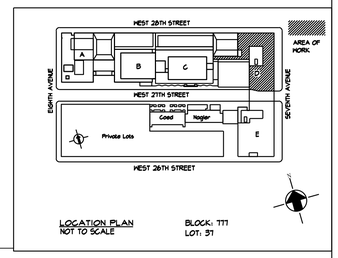
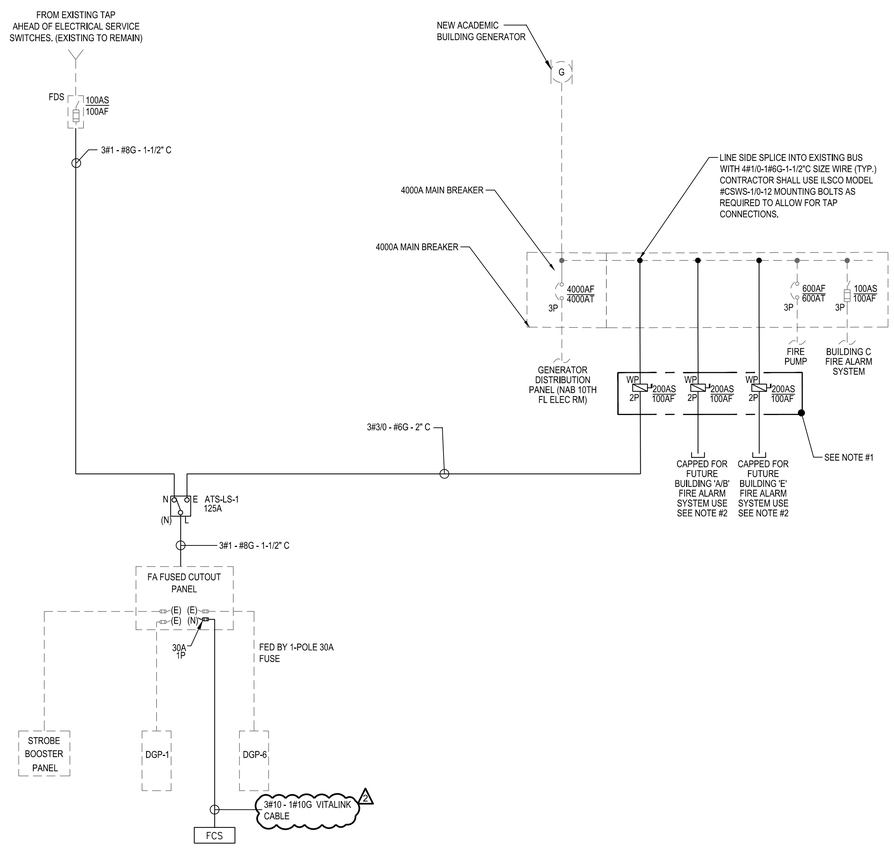
P 212.643.9055 *www.mgedpc.net*



1 ELECTRICAL DEMOLITION ONE-LINE DIAGRAM
N.T.S





NOTES:

1. NEW FIRE ALARM DISCONNECT SWITCHES SHALL BE RED AND LOCKABLE IN THE "ON" POSITION.
2. FOR FUTURE USE. CAP THE CONDUIT AND WIRING FROM EACH SWITCH IN THE 10TH FLOOR AT THE CEILING. SEE E-200 SERIES FOR ADDITIONAL INFO (TYP)

2 NEW CONSTRUCTION ELECTRICAL ONE-LINE DIAGRAM
N.T.S

NO.	DATE	REVISION
2	04/17/2025	ADDENDUM #2
1	03/21/2025	ISSUED FOR BID

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443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:
ELECTRICAL
ONE-LINE DIAGRAMS

NOT FOR CONSTRUCTION

NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE
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DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	CTD
SCALE:	N.T.S
DWG No:	E-601.00
CADD FILE:	DOB page: 4 OF 7

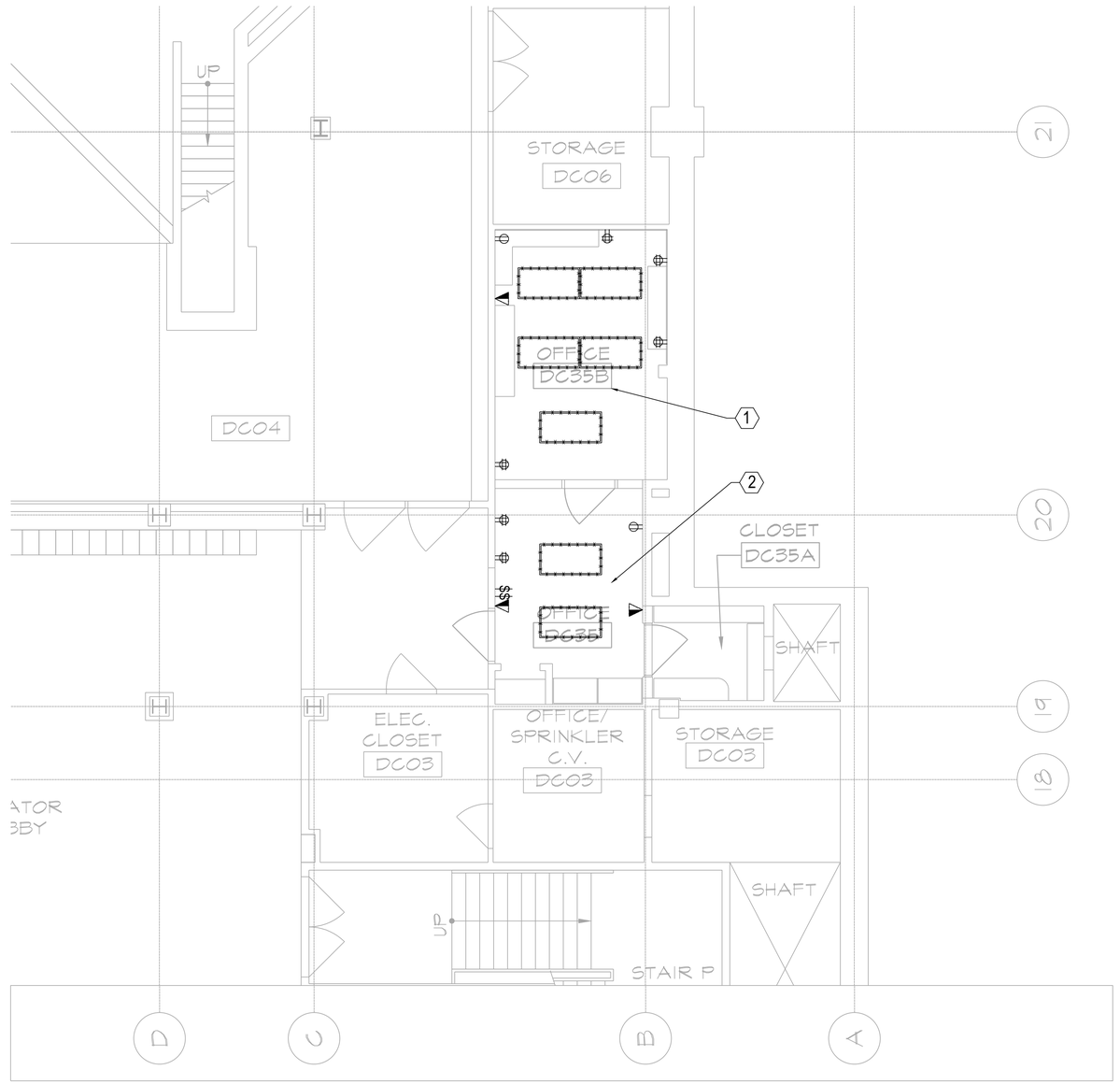
GENERAL NOTES:

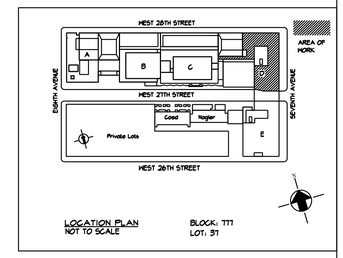
1. REFER TO SHEET E-001 FOR SYMBOLS AND ABBREVIATIONS.
2. REFER TO SHEET E-002 FOR NOTES.
3. REFER TO THE E-600 SERIES DRAWINGS FOR ONE-LINE DIAGRAM .
4. ALL CDTS SHOWN SHALL BE SUPPORTED BY STRUCTURAL CEILING AND BE INSTALLED AS HIGH AS POSSIBLE.

KEY NOTES:

1. ALL WIRING DEVICES IN THIS AREAS (LIGHTING, RECEPTACLES, ETC.) SHALL BE REMOVED. THE ASSOCIATED EXISTING CONDUIT AND WIRING SHALL BE MAINTAINED FOR REUSE BY NEW EQUIPMENT. REFER TO SHEET E-101 FOR ADDITIONAL INFORMATION.

2. CONTRACTOR SHALL REMOVE THE EQUIPMENT BACK TO THE SOURCE IN THIS AREA.





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443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:

CELLAR ELECTRICAL DEMOLITION PLAN

DOB NOW JOB#

0 8' 16' 32'
SCALE: 3/32" = 1'-0"

NOT FOR CONSTRUCTION

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NEW YORK CITY ENERGY CONSERVATION CODE

EXEMPTION WHEN COMPLIANCE WITH FIRE PROTECTION, DETECTION, ALARM AND/OR SUPPRESSION REQUIREMENTS OF TITLE 28 AND/OR THE 2022 NEW YORK CITY CONSTRUCTION CODES CONFLICTS WITH 2020 NYCECC COMPLIANCE, THE TITLE 28 AND/OR 2014 CONSTRUCTION CODES SAFETY PROVISIONS WILL TAKE PRECEDENCE OVER CONFLICTING PROVISIONS IN 2020 NYCECC.

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SEAL & SIGNATURE:

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SCALE:	1/4"=1'-0"
DWG No:	E-900.00
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ENERGY DRAWING LIST

SHEET			DRAWING	DESCRIPTION
1	OF	2	EN-001	ENERGY COVER SHEET
2	OF	2	EN-002	ENERGY ATS AND UPS ROOM PART PLAN

LIGHTING SYMBOLS

$	MANUAL ON/OFF LIGHT SWITCH

NYCECC CODE COMPLIANCE PATH

- [X] NYCECC 2020
- [ ] ASHRAE 90.1 - 2016

TABLE II – PROGRESS INSPECTIONS FOR ENERGY CODE COMPLIANCE – COMMERCIAL BUILDINGS

	Inspection/Test	Periodic (minimum)	Reference Standard (See ECC Chapter C6) or Other Criteria	ECC or Other Citation
IIC	**Electrical Power and Lighting Systems**			
IIC1	**Metering:** The presence and operation of all required meters for monitoring total electrical energy usage and/or total fuel use, system energy usage, tenant energy usage, or electrical energy usage in the building, in individual dwelling units, or in tenant spaces must be verified by visual inspection.	Prior to final electrical and construction inspection	Approved construction documents	C405.5, C405.11, C405.12; ASHRAE 90.1 – 8.4.3, 8.4.5, 8.4.6, 10.4.5
IIC2	**Lighting in dwelling units:** Lamps in permanently installed lighting fixtures must be visually inspected to verify compliance with high-efficacy requirements.	Prior to final electrical and construction inspection	Approved construction documents	C405.1; ASHRAE 90.1 – 9.1.1
IIC3	**Interior lighting power:** Installed lighting must be verified for compliance with the lighting power allowance by visual inspection of fixtures, lamps, ballasts and transformers.	Prior to final electrical and construction inspection	Approved construction documents	C405.3, C406; ASHRAE 90.1 –9.1, 9.2, 9.5, 9.6, 9.7; IRCNY §101-07(c)(3)(v)(C)4, Appendix 1
IIC4	**Exterior lighting power:** Installed lighting must be verified for compliance with source efficacy and/or the lighting power allowance by visual inspection of fixtures, lamps, ballasts and relevant transformers.	Prior to final electrical and construction inspection	Approved construction documents	C405.4; ASHRAE 90.1 –9.4.2; IRCNY §101-07(c)(3)(v)(C)4
IIC5	**Lighting controls:** Each type of required lighting controls, including: • occupant sensors • manual interior lighting controls • light-reduction controls • automatic lighting shut-off • daylight zone controls • sleeping unit controls • exterior lighting controls • egress illumination controls must be verified by visual inspection and tested for functionality and proper operation.	Prior to final electrical and construction inspection	Approved construction documents, including control system narratives	C405.2, C406; ASHRAE 90.1 – 9.4.1, 9.4.3, 9.7, Appendix1
IIC6	**Electric motors and elevators:** Where required by the construction documents for energy code compliance, motor listing or labels be visually inspected to verify that they comply with the respective energy requirements in the construction documents. Elevators and escalators must be inspected for compliance with regenerative drive requirements.	Prior to final electrical and construction inspection	Approved construction documents	C403.8, C405.6, C405.7, C405.8, C405.9; ASHRAE 90.1 – 8.4.4, 10.4, 10.8
IID	**Other**			
IID1	**Maintenance information:** Maintenance manuals for mechanical, service hot water and electrical equipment and systems requiring preventive maintenance must be reviewed for applicability to installed equipment and systems before such manuals are provided to the owner. Labels required for such equipment or systems must be inspected for accuracy and completeness.	Prior to sign-off or issuance of Final Certificate of Occupancy	Approved construction documents, including electrical drawings where applicable; ASHRAE Guideline 4: Preparation of Operating and Maintenance Documentation for Building Systems	C408.11, C408.2.5.2, C408.3.2; ASHRAE 90.1 – 4.2.2.3, 6.7.2.2, 6.7.2.3.5.2, 8.7.2, 9.4.3.2.2, 9.7.2.2

ENERGY CODE COMPLIANCE NYCECC 2020

ELECTRICAL POWER & LIGHTING

ITEM DESCRIPTION	COMPLIANCE & CONTRACTOR REQUIREMENTS
ELECTRICAL ENERGY CONSUMPTION METERS - DWELLING UNITS	CONTRACTOR SHALL PROVIDE ALL DWELLING UNITS WITH SEPARATE METER OR SUB-METER TO MEASURE THE ELECTRICAL CONSUMPTION OF THE SPACE. DWELLING UNIT METERS ARE SHOWN ON ENERGY CODE SUPPORTIVE PLAN DOCUMENTS IN THIS FILING SET. REFER TO REFER TO ELECTRICAL POWER PLANS, DRAWINGS AND SPECIFICATIONS FOR EXACT REQUIREMENTS AND LOCATIONS OF METERS AND METER BANKS.
PERMANENTLY INSTALLED LIGHTING EFFICACY - DWELLING UNITS	90% OF ALL PERMANENTLY INSTALLED LIGHT FIXTURES TO HAVE LAMPS WITH EFFICACY AT LEAST 65 LUMENS PER WATT OR TOTAL LUMINAIRE EFFICACY OF AT LEAST 45 LUMENS PER WATT.
ELECTRICAL ENERGY CONSUMPTION - COMMERCIAL OFFICES	CONTRACTOR SHALL PROVIDE COMMERCIAL TENANT SPACES IN COVERED BUILDINGS INCLUDING OFFICES, RETAIL SPACES, ETC., WITH THEIR OWN SEPARATE METER OR SUB-METER TO MEASURE THE ELECTRICAL CONSUMPTION OF THE SPACE. EXCEPTIONS ARE COMMERCIAL SPACES OF 5,000 SQUARE FEET OR LESS ON SHARED MULTI-TENANT FLOORS WITH COMMON ELECTRICAL DISTRIBUTION. THE CONTRACTOR SHALL PROVIDE THESE COVERED TENANT SPACES WITH EITHER; METERS THAT ARE SHARED WITH OTHER COVERED TENANT SPACES ON THE SAME MULTI-TENANT FLOOR; OR SEPARATE METERS OR SUB-METERS. ALL METERS SHALL MEET BUILDING AND PROJECT SPECIFICATIONS. REFER TO ELECTRICAL POWER PLANS FOR SPECIFIC REQUIREMENTS AND LOCATIONS OF METERS FOR THIS PROJECT.
ELECTRIC MOTORS	MOTORS FOR EACH HVAC SYSTEM INCLUDING ALL SUPPLY FANS, RETURN FANS, EXHAUST FANS, RELIEF FANS AND FAN-POWERED TERMINAL UNITS ASSOCIATED WITH HEATING AND COOLING SYSTEMS, SHALL COMPLY WITH THE 2020 NYCECC SECTION C405.7, FAN MOTOR HORSEPOWER, BRAKE HORSEPOWER AND CONTROLS ARE SHOWN ON THE MECHANICAL HVAC DRAWINGS IN THIS FILING SET.
TRANSFORMERS	LOW-VOLTAGE DRY-TYPE TRANSFORMERS TRANSFORMERS SHALL MEET THE US DEPARTMENT OF ENERGY 2016 ENERGY EFFICIENCY STANDARDS, AS APPLICABLE.
VOLTAGE DROP	VOLTAGE DROPS SHALL MEET THE REQUIREMENTS OF THE 2011 NYC ELECTRICAL CODE. CONTRACTOR MAY NOT MAKE ANY SUBSTITUTIONS IN FEEDER SIZING, QUANTITY, LENGTH, ETC., WITHOUT SUBMITTING SUITABLE VOLTAGE DROP CALCULATIONS FOR THE PROPOSED SUBSTITUTIONS TO THE ENGINEER OF RECORD. CONTRACTOR SHALL SECURE APPROVAL FOR ALL SUBSTITUTIONS IN WRITING FROM THE ENGINEER OF RECORD. CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS SHOWING ALL SUBSTITUTIONS TO THE ENGINEER AND OWNER.
ELEVATOR CABS	ELEVATOR CAB LUMINAIRE TOTAL EFFICACY SHALL NOT BE LESS THAN 35 LUMENS PER WATT. CAB VENTILATION FANS FOR CABS WITHOUT THEIR OWN AIR-CONDITIONING SYSTEM SHALL NOT CONSUME MORE THAN 0.33 WATTS / CFM AT THE MAXIMUM RATED SPEED OF THE FAN. CONTROLS SHALL BE PROVIDED THAT WILL DE-ENERGIZE VENTILATION FANS AND LIGHTING SYSTEMS WHEN THE ELEVATOR IS STOPPED, UNOCCUPIED AND WITH ITS DOORS CLOSED FOR OVER 15 MINUTES.

LIGHTING SYSTEM START-UP

THE CONTRACTOR SHALL PROVIDE START-UP FOR LIGHTING CONTROL EQUIPMENT OF CALIBRATION, ADJUSTMENT, PROGRAMMING AND TESTING UPON COMPLETION OF INSTALLATION, EQUIPMENT SHALL BE COMMISSIONED BY A FACTORY-TRAINED TECHNICIAN. THE TEST REPORT SHALL BE PROVIDED TO THE OWNER. START-UP SHALL BE COMPLETED PRIOR TO FUNCTIONAL TESTING.

PROGRESS INSPECTION & TESTING

NOTES: IN ACCORDANCE WITH ARTICLE 116 OF TITLE 28 AND SECTION BC 110, CONSTRUCTION SHALL BE SCHEDULED TO ALLOW REQUIRED PROGRESS INSPECTIONS TO TAKE PLACE. ROOFS, CEILINGS, EXTERIOR WALLS, INTERIOR WALLS, FLOORS, FOUNDATIONS, BASEMENTS AND ANY OTHER CONSTRUCTION SHALL NOT BE COVERED OR ENCLOSED UNTIL REQUIRED PROGRESS INSPECTIONS ARE COMPLETED OR THE PROGRESS INSPECTOR INDICATES THAT SUCH COVERING OR ENCLOSURE MAY PROCEED, AT EACH STAGE OF CONSTRUCTION, AS APPLICABLE.

IN ACCORDANCE WITH NYC BUILDING CODE SECTION 110.9 AND NYC ENERGY CONSERVATION CODE (NYCECC) SECTION 104.2.3, WHERE AN INSPECTION OR TEST FAILS, THE CONTRACTOR SHALL CORRECT THE CONSTRUCTION AND BE AVAILABLE FOR, AND PROVIDE REINSPECTION AND RE-TESTING BY THE PROGRESS INSPECTOR UNTIL THE SYSTEM / EQUIPMENT PASSES THE INSPECTION OR TEST, AND COMPLIES WITH THE APPLICABLE CODE REQUIREMENTS.

LIGHTING SYSTEM FUNCTIONAL TESTING REQUIREMENTS

THIS PROJECT SHALL COMPLY WITH FUNCTIONAL TESTING REQUIREMENTS OF THE NYC ENERGY CONSERVATION CODE AS DESCRIBED IN NYCECC SECTION C408 AND PER ASHRAE 90.1-2016 9.4.3, LIGHTING CONTROL DEVICES AND CONTROL SYSTEMS SHALL BE TESTED BY AN APPROVED TESTING AGENCY TO ENSURE THAT CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED, TESTED AND IN PROPER WORKING ORDER PER THE CONSTRUCTION DOCUMENTS AND MANUFACTURER'S INSTRUCTIONS. APPROVED TESTING AGENCY TO CERTIFY THAT INSTALLED LIGHTING CONTROLS INCLUDING OCCUPANT SENSORS, TIME-SWITCH CONTROLS, AND DAYLIGHT-RESPONSIVE CONTROLS HAVE BEEN TESTED AND PERFORM AS INTENDED AND PER C408.3 AND 9.7.3.1. THE FOLLOWING PROCEDURES SHALL BE PERFORMED AT A MINIMUM:

1. OCCUPANCY SENSOR CONTROLS (OCCUPANCY AND VACANCY)
   - 1.1. WHERE OCCUPANT SENSOR CONTROLS INCLUDE STATUS INDICATORS, VERIFY CORRECT OPERATION.
   - 1.2. VERIFY THAT CONTROLLED LIGHTS TURN OFF OR DOWN TO PERMITTED LEVEL WITHIN REQUIRED TIME.
   - 1.3. FOR AUTO-ON OCCUPANT SENSOR CONTROLS (OCCUPANCY), VERIFY THAT THE LIGHTS TURN ON TO THE PERMITTED LEVEL WHEN AN OCCUPANT ENTERS THE SPACE.
   - 1.4. FOR MANUAL-ON OCCUPANT SENSOR CONTROLS (VACANCY.) VERIFY THAT TURN LIGHTS ON ONLY WHEN MANUALLY ACTIVATED.
   - 1.5. VERIFY THAT THE LIGHTS ARE NOT INCORRECTLY TURNED ON BY MOVEMENT IN ADJACENT AREAS OR BY HVAC OPERATION.
2. TIME-SWITCH CONTROLS
   - 2.1. CONFIRM THAT THE TIME-SWITCH CONTROL IS PROGRAMMED WITH ACCURATE WEEKDAY, WEEKEND AND HOLIDAY SCHEDULES.
   - 2.2. VERIFY THAT CORRECT TIME AND DATE PROGRAMMED IN TIME SWITCH.
   - 2.3. VERIFY THAT ANY BATTERY BACK-UP IS INSTALLED AND ENERGIZED.
   - 2.4. VERIFY THAT THE OVERRIDE TIME LIMIT IS SET TO NOT MORE THAN 2 HOURS.
   - 2.5. SIMULATE OCCUPIED CONDITION, VERIFY THAT ALL LIGHTS CAN BE TURNED ON AND OFF BY THEIR RESPECTIVE AREA CONTROL SWITCH.
   - 2.6. SIMULATE OCCUPIED CONDITION, VERIFY THAT THE SWITCH ONLY OPERATES LIGHTING IN THE ENCLOSED SPACE IN WHICH THE SWITCH IS LOCATED.
   - 2.7. SIMULATE UNOCCUPIED CONDITION, VERIFY THAT NONEXEMPT LIGHTING TURNS OFF.
   - 2.8. SIMULATE UNOCCUPIED CONDITION, VERIFY THAT THE MANUAL OVERRIDE SWITCH ALLOWS ON THE LIGHTS IN THE ENCLOSED SPACED WHERE THE OVERRIDE SWITCH IS LOCATED TO TURN ON OR REMAIN ON UNTIL THE NEXT SCHEDULED SHUTOFF OCCURS.
3. DAYLIGHT RESPONSIVE CONTROLS
   - 3.1. CONTROL DEVICES HAVE BEEN PROPERLY LOCATED, FIELD CALIBRATED AND SET FOR ACCURATE SETPOINTS AND THRESHOLD LIGHT LEVELS.
   - 3.2. DAYLIGHT CONTROLLED LIGHTING LOADS ADJUST TO LIGHT LEVEL SETPOINTS IN RESPONSE TO AVAILABLE DAYLIGHT.
   - 3.3. THE CALIBRATION ADJUSTMENT EQUIPMENT IS LOCATED FOR READY ACCESS ONLY BY AUTHORIZED PERSONNEL.

DOCUMENTATION SHOULD BE PROVIDED TO BUILDING OWNER WITHIN 90 DAYS OF THE DATE OF RECEIPT OF CERTIFICATE OF OCCUPANCY AND INCLUDE CONSTRUCTION DOCUMENTS, OEPRATING AND MAINTENANCE MANUAL AND REPORT OF TEST RESULTS.

ENERGY CODE PROGRESS INSPECTION

Y	N	PROGRESS INSPECTIONS
☐	☒	PROTECTION OF EXPOSED FOUNDATION INSULATION
☐	☒	INSULATION PLACEMENT AND R-VALUES
☐	☒	FENESTRATION U-FACTOR AND PRODUCT RATINGS
☐	☒	FENESTRATION AIR LEAKAGE
☐	☒	FENESTRATION AREAS
☐	☒	AIR BARRIER - VISUAL INSPECTION
☐	☒	AIR BARRIER - TESTING
☐	☒	AIR BARRIER CONTINUITY PLAN TESTING/INSPECTION
☐	☒	VESTIBULES
☐	☒	FIREPLACES
☐	☒	VENTILATION AND AIR DISTRIBUTION SYSTEM
☐	☒	SHUTOFF DAMPERS
☐	☒	HVAC-R AND SERVICE WATER HEATING EQUIPMENT
☐	☒	HVAC-R AND SERVICE WATER HEATING SYSTEM CONTROLS
☐	☒	HVAC-R AND SERVICE WATER PIPING DESIGN AND INSULATION
☐	☒	DUCT LEAKAGE TESTING, INSULATION AND DESIGN
☐	☒	METERING
☐	☒	LIGHTING IN DWELLING UNITS
☒	☐	INTERIOR LIGHTING POWER
☐	☒	EXTERIOR LIGHTING POWER
☒	☐	LIGHTING CONTROLS
☐	☒	ELECTRICAL MOTORS AND ELEVATORS
☐	☒	MAINTENANCE INFORMATION
☐	☒	PERMANENT CERTIFICATE
☐	☒	ELECTRIC VEHICLE SERVICE EQUIPMENT REQUIREMENTS

COMcheck Software Version 4.1.5.5

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2020 New York City Energy Conservation Code
Project Title: FIT 8969-74 UPS & ATS ROOMS
Project Type: Addition

Construction Site:
227 W 27TH STREET
NEW YORK, NY 10001

Owner/Agent:

Designer/Contractor:
MICHAEL GERAZOUNIS
MG ENGINEERING
116 WEST 32ND STREET
NEW YORK, NY 10001

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Common Space Types:Electrical/Mechanical	74	0.39	29
2-Common Space Types:Electrical/Mechanical	42	0.39	16
		Total Allowed Watts =	45

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Common Space Types:Electrical/Mechanical LED 1: LED Linear 22W;	1	1	22	22
2-Common Space Types:Electrical/Mechanical LED 2: LED Linear 22W;	1	1	22	22
			Total Proposed Watts =	44

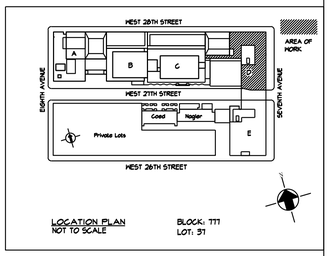
Interior Lighting PASSES: Design 3% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2020 New York City Energy Conservation Code requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title _____ Signature _____ Date _____

Project Title: FIT 8969-74 UPS & ATS ROOMS — Report date: 04/03/24
Data filename: M:\8969-74\calculations\Electrical\FIT FA UPGRADE POMERANTZ UPS & ATS ROOMS.cck — Page: 1 of 7



NO.	DATE	REVISION
1	03/21/2025	ISSUED FOR BID

MEP Consultants
MG Engineering D.P.C.
116 West 32nd Street,
New York, NY, 10001

Environmental Consultants
EPM, Inc.
1983 Marcus Ave. Suite 109
Lake Sucess, NY 11042 / (516) 328-1194

Fashion Institute of Technology
227 West 27th Street
New York, NY 10001

David Smotrich & Partners LLP
Architects/Planers
443 Park Avenue South — New York, NY 10016
212 889 4045 — Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:
ENERGY COVER SHEET

DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	N.T.S
DWG No:	EN-001.00
CADD FILE:	DOB page: 1 OF 3

NOT FOR CONSTRUCTION

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NEW YORK CITY ENERGY CONSERVATION CODE

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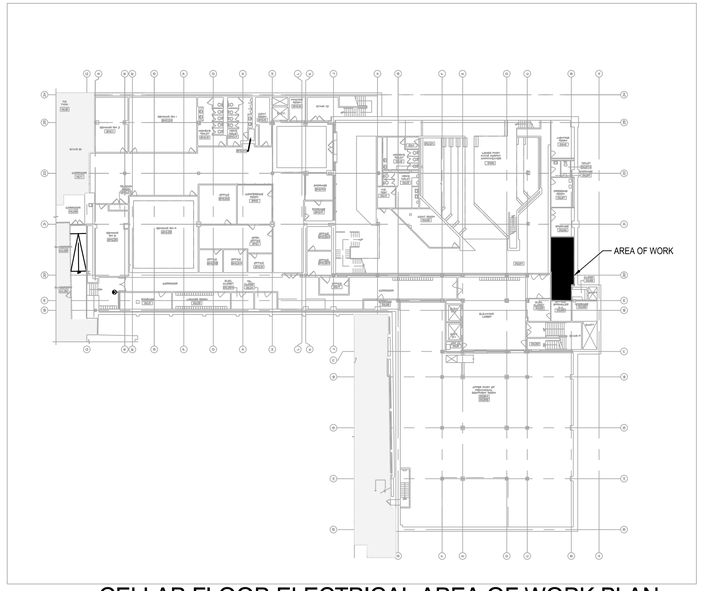
MG Engineering D.P.C. / we engineer success
116 West 32nd Street, 12th Floor, New York, N.Y. 10001
P 212.643.9055 *www.mgedpc.net*



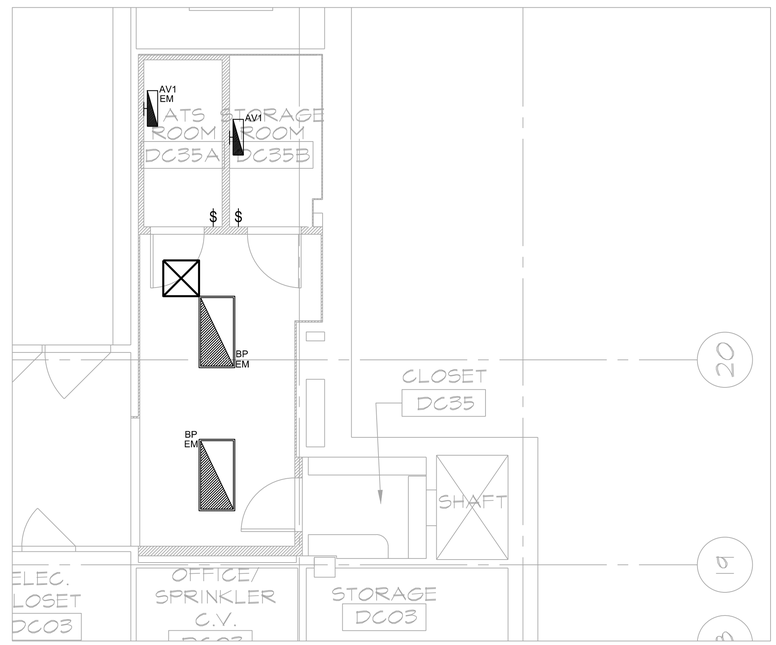
1 CELLAR FLOOR ELECTRICAL AREA OF WORK PLAN
SCALE: 1/32"=1'-0"

GENERAL NOTES:

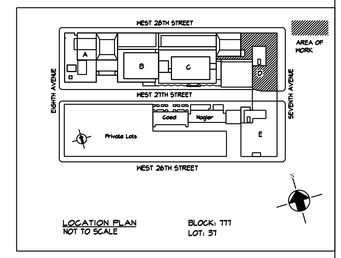
1. REFER TO EN-001 SHEET FOR NOTES, ABBREVIATIONS, ENERGY DRAWINGS LIST, AND SYMBOL LIST.

LIGHTING FIXTURE SCHEDULE

TYPE	FIXTURE DESCRIPTION	MANUFACTURER	LAMP			TOTAL WATTS	VOLTAGE	COMMENTS
			LAMP QUANT.	WATTS				
AV1	METALUX - 2VT2/LD53/DR/UNV/VT-REM-EL/L835/WL/SSL /UVT2-SS-MBK	METALUX	2	22W	LED 3500K	44W	120/277V	WALL MOUNTED VAPORPROOF, GASKETED, LIGHT FIXTURE. FIXTURE TO BE NOMINALLY 7" WIDE X 6" HIGH X 2' LONG. FIXTURE TO CONTAIN A PRISMATIC LENS. FIXTURE TO BE SUITABLE FOR WET LOCATION. EM DENOTES FIXTURES TO CONTAIN 10 WATT EMERGENCY INTEGRAL BATTERY DRIVER SUITABLE FOR 90 MINUTES AND MINIMUM 1100 DELIVERED LUMENS.
BP	WILLIAMS - BP-24-LS/8CS-EM/10WKTCEC-QS-UNV	WILLIAMS	2	29W	LED 3500K	58W	120/277V	SURFACE MOUNTED BACKLIT FLAT PANEL LIGHT FIXTURE. FIXTURE TO BE NOMINALLY 2' WIDE X 1-3/4" HIGH X 4' LONG. FIXTURE TO CONTAIN A PRISMATIC LENS. EM DENOTES FIXTURES TO CONTAIN 10 WATT EMERGENCY INTEGRAL BATTERY DRIVER SUITABLE FOR 90 MINUTES AND MINIMUM 1100 DELIVERED LUMENS.



2 CELLAR FLOOR ENERGY PART PLAN
SCALE: 1/4"=1'-0"



LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31

NO.	DATE	REVISION
1	03/21/2025	ISSUED FOR BID

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MG Engineering D.P.C.
116 West 32nd Street,
New York, NY, 10001

Environmental Consultants
EPM, Inc.
1983 Marcus Ave. Suite 109
Lake Sucess, NY 11042 / (516) 328-1194

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227 West 27th Street
New York, NY 10001

David Smotrich & Partners LLP
Architects/Planers

443 Park Avenue South
212 889 4045

New York, NY 10016
Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:
ENERGY STORAGE & ATS ROOM PART PLAN

DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	AS NOTED
DWG No:	EN-002.00
CADD FILE:	DOB page: 2 OF 3

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NEW YORK CITY ENERGY CONSERVATION CODE

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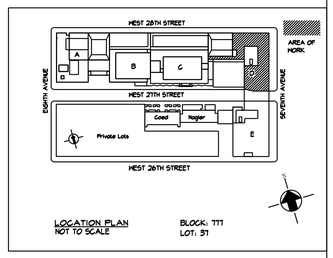
116 West 32nd Street, 12th Floor, New York, N.Y. 10001
P 212.643.9058 www.mgedpc.net

	Provision	Item Description			Supporting Documentation
C403.1.1	**Calculation of heating and cooling loads (Mandatory)**	*Load calculations for HVAC systems*	*Determined in accordance with ANSI/ASHRAE/ACCA Standard 183 HVAC Systems and Equipment Handbook*	*Design loads are determined in accordance with the procedures described in the ANSI/ASHRAE/ACCA Standard183.*	*Signed and sealed statement from Engineer certifying compliance with Energy Code*
C403.2.2	**Ventilation (Mandatory)**	*Ventilation cfm and Outdoor air control*	*Where mechanical ventilation is provided, systems shall be capable of reducing outdoor air to the minimum requirements from Chapter 4 of the NYC MC*	*Motorized dampers shall have ability to operate at minimum required ventilation rates, per requirements - list minimum CFM per space type*	*See mechanical schedule, M-501*
C403.11.2	**Duct Construction (Mandatory)**	*Ductwork*	*Shall be constructed and erected in accordance with the NYCMC*	*Ductwork must be constructed and erected in accordance with the NYCMC*	*See mechanical floorplans*
C403.11.2.1	**Low-Pressure Duct Systems (Mandatory)**	*Low Pressure Ductwork*	*All low pressure ducts, operating at 2" of W.G. or less shall be properly sealed with approved methods*	*All low pressure ducts properly sealed as per requirements*	*See mechanical floorplans*

PROGRESS INSPECTIONS FOR ENERGY CODE COMPLIANCE COMMERCIAL BUILDINGS

	INSPECTION/TEST	PERIODIC (MINIMUM)	REFERENCE STANDARD (SEE ECC CHAPTER 6) OR OTHER CRITERIA	ECC OR OTHER CITATION
IIB MECHANICAL AND SERVICE WATER HEATING INSPECTIONS				
IIB6	DUCT LEAKAGE TESTING, INSULATION AND DESIGN: FOR DUCT SYSTEMS DESIGNED TO OPERATE AT STATIC PRESSURES IN EXCESS OF 3 INCHES W.G. (747 PA), REPRESENTATIVE SECTIONS, AS DETERMINED BY THE PROGRESS INSPECTOR, TOTALING AT LEAST 25% OF THE DUCT AREA, MUST BE TESTED TO VERIFY THAT ACTUAL AIR LEAKAGE IS BELOW ALLOWABLE AMOUNTS. INSTALLED DUCT INSULATION MUST BE VISUALLY INSPECTED TO VERIFY PROPER INSULATION PLACEMENT AND VALUES. JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS AND CONNECTIONS IN DUCTWORK MUST BE VISUALLY INSPECTED FOR PROPER SEALING.	AFTER INSTALLATION AND SEALING AND PRIOR TO CLOSING SHAFTS, CEILINGS AND WALLS.	APPROVED CONSTRUCTION DOCUMENTS; SMACNA HVAC AIR DUCT LEAKAGE TEST MANUAL; SMACNA DUCT CONSTRUCTION STANDARDS, METAL AND FLEXIBLE	C403.11;



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MG Engineering D.P.C.
116 West 32nd Street,
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EPM, Inc.
1983 Marcus Ave. Suite 109
Lake Sucess, NY 11042 / (516) 328-1194

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443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:
MECHANICAL ENERGY COMPLIANCE

DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	ASB
CHK BY:	DNE
SCALE:	NTS
DWG No:	EN-003.00
CADD FILE:	DOB page: 1 OF 3

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NEW YORK CITY ENERGY CONSERVATION CODE

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GENERAL NOTES

SYMBOL LEGEND

FACP	FIRE ALARM CONTROL PANEL
DGP	DATA GATHERING PANEL
SPS	STROBE POWER SUPPLY
FCS	FIRE COMMAND STATION
RAN	REMOTE ANNUNCIATOR
S	AREA SMOKE DETECTOR EL – DENOTES ELEVATOR RELATED DEVICE
H	AREA HEAT DETECTOR
SL	CEILING MOUNTED STROBES
S	DUCT SMOKE DETECTOR; R – RETURN FAN DUCT DETECTOR; S – SUPPLY FAN DUCT DETECTOR
PRC	COMPUTER AND FIRE ALARM EVENT PRINTER
C	FIRE WORKS COMPUTER
F	MANUAL PULL STATION, MOUNTED NOT LESS THAN 42" AND NOT MORE THAN 48" ABOVE FINISH FLOOR.
	BELL
SL	WALL MOUNTED, STROBE ONLY APPLIANCE
XX S	WALL MOUNTED, COMBINATION SPEAKER/STROBE APPLIANCE XX – DENOTES CANDELA RATINGS (TYP.)
XX S	CEILING MOUNTED, COMBINATION SPEAKER/STROBE APPLIANCE XX – DENOTES CANDELA RATINGS (TYP.)
XX H	CEILING MOUNTED, COMBINATION HORN/STROBE APPLIANCE XX – DENOTES CANDELA RATINGS (TYP.)
H	WALL MOUNTED, COMBINATION HORN/STROBE APPLIANCE
R	RELAY
TS	TAMPER SWITCH
WS	WATER FLOW SWITCH
CM	CONTROL MODULE
MM	MONITORING MODULE
UR	UPS RUNNING MONITORING MODULE
UF	UPS FAIL MONITORING MODULE
S	SPEAKER ONLY DEVICE
DH	MAGNETIC DOOR HOLDING DEVICE
	20 WATT SPEAKER
	40 WATT SPEAKER
E	EXISTING TO REMAIN
EL	ASSOCIATED WITH ELEVATOR RECALL
ERL	EXISTING TO BE RELOCATED
FS	FAN SHUTDOWN
N	NEW

ABBREVIATIONS

	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
C	CONDUIT
DGP	DATA GATHERING PANEL
DWG	DRAWING
E	EXISTING TO REMAIN
EC	EMPTY CONDUIT
ELEC	ELECTRICAL
ER	EXISTING TO RELOCATE
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FCO	FUSED CUTOUT
NIC	NOT IN CONTRACT
R	REMOVE
RE	RELOCATED EXISTING DEVICE
FS	FAN SHUTDOWN

1. THE GENERAL NOTES APPLY TO ALL DRAWINGS UNDER THIS CONTRACT. REFER TO INDIVIDUAL DRAWINGS FOR ADDITIONAL NOTES.
2. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. FOLLOW DRAWINGS IN LAYING OUT WORK. MAINTAIN HEADROOM AND SPACE CONDITIONS CONSISTENT WITH PROJECT CRITERIA.
3. JUNCTION AND PULL BOXES SHALL GENERALLY BE LOCATED FOR FLUSH MOUNTING IN FINISHED SPACES. WHERE NECESSARY, CONDUIT SHALL BE REROUTED OR OTHER ARRANGEMENTS SHALL BE MADE FOR CONCEALMENT. PULL BOXES SHALL BE PROVIDED AS INDICATED AND WHEREVER NECESSARY TO FACILITATE PULLING OF WIRE AND COORDINATE LOCATION WITH OTHER TRADES. COVERS OF JUNCTION AND PULL BOXES SHALL BE ACCESSIBLE.
4. ALL SUPPORTS TO BUILDING STRUCTURE SHALL BE SECURED AS NOTED IN THE SPECIFICATIONS. HORIZONTAL RUNS OF METALLIC CONDUIT SHALL BE SUPPORTED AT INTERVALS OF NOT MORE THAN 10 FEET APART. RACEWAY RISERS SHALL BE SUPPORTED AT EACH FLOOR LEVEL. EXPOSED RACEWAYS SHALL RUN PARALLEL WITH OR AT RIGHT ANGLES TO WALLS.
5. JUNCTION BOXES AND PULL BOXES SHALL BE SUPPORTED INDEPENDENTLY TO BUILDING STRUCTURE WITH NO WEIGHT BEARING ON CONDUIT.
6. NO RACEWAYS SHALL BE INSTALLED WITHIN 3 INCHES OF STEAM OR HOT WATER PIPES, OR APPLIANCES, EXCEPT FOR CROSSINGS WHERE RACEWAYS SHALL BE AT LEAST 1 INCH FROM PIPE COVER.
7. CONDUIT ENDS SHALL BE CUT SQUARE AND REAM SMOOTH. MALE THREADS OF FIELD THREADED CONDUIT SHALL BE PAINTED WITH GRAPHITE BASED PIPE COMPOUND AND DRAWN UP TIGHT WITH CONDUIT COUPLINGS.
8. WIRE COLOR CODING SHALL CONFORM TO CODE REQUIREMENTS.
9. IN UNFINISHED PORTIONS OF THE BUILDING, SUCH AS BOILER ROOM, FAN ROOMS, PIPE SPACES, ETC., LOCATIONS OF CONDUIT ARE APPROXIMATE AND SHALL CLEAR PIPING AND ALL OTHER CONSTRUCTION. CONDUITS IN THESE PORTIONS OF THE BUILDING SHALL BE RUN EXPOSED.
10. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL CEILING WORK WITH AND DETERMINE CEILING TYPE PRIOR TO FURNISHING OF SMOKE DETECTORS, OR ANY OTHER CEILING MOUNTED ELECTRICAL ELEMENTS. ELECTRICAL WORK SHALL ALSO BE COORDINATED WITH LOCATION OF DIFFUSERS, SPRINKLERS AND OTHER MECHANICAL WORK.
11. ALL OUTLET BOXES RECEIVING 1–1/4" CONDUIT SHALL BE A MINIMUM OF 2–1/2"DEEP.
12. SUFFICIENTLY LONG WIRE SLACK SHALL BE LEFT IN RUNS TO PERMIT MAKING PROPER FINAL CONNECTIONS. ALL EMPTY CONDUIT SHALL BE PROVIDED WITH #12 AWG STEEL DRAG WIRE.
13. ALL WIRING, POWER, CONDUCTORS, CONDUITS ETC. SHALL MEET THE NYC ELECTRICAL CODE.
14. ALL WORK SHALL BE IN ACCORDANCE WITH THE NYS BUILDING CODE AND NFPA 72.
15. ALL FIRE ALARM EQUIPMENT SHALL BE APPROVED (MEA, BSA OR COA APPROVED).
16. ALL FIRE ALARM CIRCUITS SHALL BE SIZED TO A MAXIMUM OF 80% OF CAPACITY.
17. ALL FIRE ALARM CIRCUITS SHALL BE WIRED NFPA STYLE 4/Y/B (CLASS B) WITH THE EXCEPTION OF THE NETWORK CIRCUIT WHICH SHALL BE NFPA STYLE 7 (CLASS A WITH ISOLATION). DUAL CLASS B NETWORKING IS NOT STYLE 7 AND WILL NOT BE APPROVED. ALL AUDIBLE AND VISUAL CIRCUITS SHALL BE STYLE Y/CLASS B AND SPLIT A/B. SPLIT A/B CIRCUITS SHALL BE WIRED SO THAT EVERY OTHER DEVICE IS WIRED ON AN ALTERNATE CIRCUIT.
18. CONDUITS MAY NOT ENTER THE TOP OF ANY FIRE ALARM EQUIPMENT CABINET.
19. ALL FIRE ALARM EQUIPMENT SHALL BE INSTALLED WITH AESTHETICS IN MIND. CABINETS SHALL BE SEMI FLUSH MOUNTED AND CABLE TRAYS SHALL BE HIDDEN.
20. ALL FIRE ALARM WIRE SHALL BE CLEARLY LABELED IN JUNCTION BOXES AND CABINETS. ALL TERMINALS SHALL BE NUMBERED AND LABELED. ALL CONNECTIONS SHALL BE EITHER SOLDERED, 70DBA APPROVED TERMINAL STRIPS OR SCOTCH LOCKS.
21. ALL LOW VOLTAGE FIRE ALARM CONDUCTORS SHALL BE PROTECTED BY EITHER BUILDING CONSTRUCTION OR CONDUIT TO 8 FEET ABOVE THE FINISHED FLOOR. LOADING DOCKS, GARAGES, SUPPRESSION AND EXTINGUISHING SYSTEM WIRING, MECHANICAL AND ELECTRICAL ROOMS AND OTHER LOCATIONS SUBJECT TO MECHANICAL DAMAGE SHALL BE IN FULL RIGID CONDUIT. IN ALL OTHER AREAS APPROVED WIRE MAY BE RUN WITHOUT CONDUIT ABOVE 8 FT.
   ALL WIRING INSTALLATION EXPOSED IN FINISHED AREAS SHALL BE AS FOLLOWS:
   A) ON WALLS – IN SINGLE PIECE 1/2" SURFACE MOUNTED STEEL RACEWAY.
   B) WHERE CEILING IS NOT ACCESSIBLE – IN SINGLE PIECE SURFACE MOUNTED STEEL RACEWAY.
22. FIRE ALARM CABLES SHALL NOT BE MIXED WITH NON FIRE ALARM CABLING. LOW VOLTAGE FIRE ALARM CABLING SHALL NOT BE MIXED OR WIRED NEAR ANY AC CIRCUIT
23. ALL LOW VOLTAGE WIRING SHALL BE FPLP 150 DEGREE C. ALL NOTIFICATION CIRCUITS SHALL BE A MINIMUM OF 14 AWG AND ALL OTHER LOW VOLTAGE FIRE ALARM CIRCUITS SHALL BE 16 AWG MINIMUM.
24. VERTICAL RISER CABLE FOR ALL SYSTEMS SHALL BE INSTALLED IN A 2 HOUR RATED SHAFT.
25. POLARITY SHALL BE OBSERVED ON ALL CIRCUITS. T–TAPPING SHALL NOT BE ALLOWED ON ANY NOTIFICATION CIRCUITS (HORN, STROBE OR SPEAKER). T–TAPPING SHALL NOT BE PERMITTED ON ADDRESSABLE CIRCUITS.
26. ALL WIRING SHALL BE INSPECTED TO ASSURE THERE ARE NO OPENS, SHORTS OR EARTH GROUNDS.
27. SHIELDED CONDUCTORS OR RUNNING IN SEPARATE RACEWAY SHALL BE AS INSTRUCTED BY THE FIRE ALARM MANUFACTURER'S DOCUMENTATION. ALL NON–POWER LIMITED WIRING SHALL BE RUN IN A SEPARATE RACEWAY.
28. ALL AREA OR DUCT SMOKE DETECTORS SHALL BE PHOTO–ELECTRIC TYPE.
29. SMOKE DETECTORS MUST BE MOUNTED AT LEAST 3 FT AWAY FROM ANY AIR REGISTER.
30. DEVICE LOCATIONS MUST BE READILY ACCESSIBLE TO ALLOW FOR MAINTENANCE AND REPAIR.
31. DUCT MOUNTED SMOKE DETECTORS SHALL BE MOUNTED ON THE DUCTWORK IN STRICT ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. ALL DUCT DETECTORS SHALL BE PROVIDED WITH A REMOTE LED IN AN OBSERVABLE AREA. EACH LED STATION TO BE LABEL PER UNIT AND DEVICE MONITORY.
32. ALL STROBE LIGHTS SHALL BE UL–1971 APPROVED/LISTED. THE MINIMUM CANDELA IS 75 UNLESS OTHERWISE NOTED.
33. NOTIFICATION DEVICES THAT INCLUDE A STROBE SHALL BE MOUNTED 80 INCHES OFF THE FINISHED FLOOR TO THE BOTTOM OF THE STROBE, NOT NECESSARILY THE ELECTRICAL BOX.
34. ALL AUXILIARY RELAYS FOR FAN SHUTDOWN, DOOR RELEASE, DAMPER CONTROL, ELEVATOR CONTROL, ETC. SHALL BE WIRED A MAXIMUM OF 3 FT FROM THE CONTROLLED DEVICE. THE AUXILIARY RELAY SHALL FUNCTION WITHIN THE REQUIRED VOLTAGE AND CURRENT OF THE CONTROLLED DEVICE. SLAVE OR INTERPOSING RELAYS SHALL BE INCLUDED AND POWERED BY THE FIRE ALARM CONTROL PANEL IN A FAIL–SAFE (FIRE FUNCTION) POSITION. POWER TO THE INTERPOSING RELAY SHALL BE MONITORED BY THE FIRE ALARM SYSTEM.
35. OBTAIN APPROVAL OF PLANS BY THE FIRE DEPARTMENT PRIOR TO THE BEGINNING OF ANY WORK.
36. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY AND ALL ABANDONED FIRE ALARM CABINETS, DEVICES, AND WIRE. PAINT, PATCH AND CLEANUP SHALL ALSO BE INCLUDED.
37. PROVIDE AUDIBILITY LEVELS PER NFPA72.
38. COORDINATE WITH FIRE PROTECTION DRAWINGS FOR LOCATION AND CONNECTION OF POWER AND CONTROL TO THE EXISTING AND NEW TAMPER AND FLOW SWITCH DEVICES.
39. COORDINATE WITH MECHANICAL DRAWINGS FOR LOCATION AND CONNECTION OF POWER AND CONTROL TO THE EXISTING AND NEW FSD AND DUCT SMOKE DETECTOR DEVICES.
40. THE CONTRACTOR IS REQUIRED TO COORDINATE THE SCHEDULING OF ALL INSPECTIONS WITH THE NYC FIRE DEPARTMENT WITH:

    High RISE FIRE & SECURITY
    703 3RD AVE
    BROOKLYN, NY 11232

    IN ORDER TO OBTAIN THE FINAL FDNY LETTER OF APPROVAL AND SIGNOFF THE DOB APPLICATION AS PART OF THE SCOPE OF FIRE AND BUILDING CODE SERVICES, INC. AT EACH INSPECTION, A MINIMUM OF TWO FIRE ALARM TECHNICIANS WITH S97 OR S98 CERTIFICATIONS AND ONE ELECTRICIAN SHOULD BE PRESENT.
41. THE CONTRACTORS PRESENCE AT ALL OF THE OWNERS PRE–INSPECTIONS PRIOR TO THE FDNY INSPECTION AND ALL FDNY INSPECTIONS. A MINIMUM OF ONE ELECTRICAL CONTRACTOR AND TWO (2) FIRE ALARM TECHNICIANS SHALL BE PRESENT AT ALL INSPECTIONS.
42. THE CONTRACTOR IS RESPONSIBLE TO PREPARE AND PROVIDE THE AS–BUILT RISER PLAN AND THE APPLICANT OF RECORD IS PETER GERZAOUNIS WHO WILL BE SIGNING AND SEALING THE FUNCTIONALITY STATEMENT IN ACCORDANCE WITH THE REQUIREMENTS OF 3RCNY R105.01(C) (2) (A) (3) AND (4).
43. EXISTING DEVICES AND FIRE ALARM EQUIPMENT SHALL BE PROPERLY PROTECTED DURING DEMOLITION AND CONSTRUCTION.

FIRE ALARM DRAWING LIST

DWG No.	DRAWING TITLE
FA-001.00	FIRE ALARM SYMBOL LIST, ABBREVIATIONS, NOTES, AND MATRIX
FA-099.00	FIRE ALARM SUB-CELLAR PLAN
FA-100.00	FIRE ALARM CELLAR PLAN
FA-101.00	FIRST FLOOR FIRE ALARM PLAN
FA-102.00	SECOND FLOOR FIRE ALARM PLAN
FA-103.00	THIRD FLOOR FIRE ALARM PLAN
FA-104.00	FOURTH FLOOR FIRE ALARM PLAN
FA-105.00	FIFTH FLOOR FIRE ALARM PLAN
FA-106.00	SIXTH FLOOR FIRE ALARM PLAN
FA-107.00	SEVENTH FLOOR FIRE ALARM PLAN
FA-501.00	FIRE ALARM DETAILS
FA-601.00	FIRE ALARM RISER DIAGRAM
FA-602.00	FIRE ALARM NOTES AND SPECIFICATIONS
FA-899.00	FIRE ALARM DEMOLITION SUB-CELLAR PLAN
FA-900.00	FIRE ALARM DEMOLITION CELLAR PLAN
FA-901.00	FIRST FLOOR FIRE ALARM DEMOLITION PLAN
FA-902.00	SECOND FLOOR FIRE ALARM DEMOLITION PLAN
FA-903.00	THIRD FLOOR FIRE ALARM DEMOLITION PLAN
FA-904.00	FOURTH FLOOR FIRE ALARM DEMOLITION PLAN
FA-905.00	FIFTH FLOOR FIRE ALARM DEMOLITION PLAN
FA-906.00	SIXTH FLOOR FIRE ALARM DEMOLITION PLAN
FA-907.00	SEVENTH FLOOR FIRE ALARM DEMOLITION PLAN

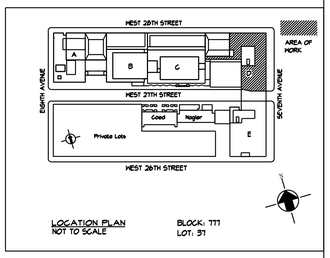
DESIGN NOTES:

1. AUDIBLE DEVICES SHALL PROVIDE ALARM SIGNALS THAT ARE EQUAL TO 15 DECIBELS ABOVE AMBIENT SOUND PRESSURE LEVEL FOR THE OCCUPANCY. BUSINESS OCCUPENCY HAS AMBIENT SOUND PRESSURE LEVEL 55 DECIBELS PER NFPA 72. THEREFORE, AUDIBLE DEVICES SHALL BE 70 DECIBELS OR MORE SOUND PRESSURE LEVEL. MECHANICAL SPACES SHALL PROVIDE MINIMUM SOUND PRESSURE LEVEL OF 90 DECIBELS.
2. ADDRESSABLE DEVICES SHALL BE WIRED CLASS __B__ CIRCUIT & LEVEL __1__ SURVIVABILITY.
   AUDIBLE AND VISUAL DEVICES SHALL BE WIRED CLASS __B__ CIRCUIT & LEVEL __1__ SURVIVABILITY.

THERE ARE NO CO PRODUCING EQUIPMENT LOCATED IN THIS BUILDING

TOTAL BUILDING SQFT = 163,000 SQFT

MARVIN FELDMAN CENTER BIN #1014251
FRED P. POMERANTZ ART AND DESIGN CENTER BIN #1014252
SHIRLEY GOODMAN RESOURCE CENTER BIN #1014236



NO.	DATE	REVISION
1	03/21/2025	ISSUED FOR BID

SEQUENCE OF OPERATION

SYSTEM INPUTS	FIRE COMMAND STATION ANNUNCIATION						NOTIFICATION							FIRE SAFETY CONTROL					
SYSTEM OUTPUTS	ACTUATE COMMON ALARM SIGNAL INDICATOR & LOCAL AUDIBLE ALARM SIGNAL AT THE FIRE COMMAND STATION AND REMOTE ANNUNCIATOR WHERE APPLICABLE	VISUALLY ANNUNCIATE THE DEVICE IN ALARM AT THE FIRE COMMAND STATION AND REMOTE ANNUNCIATOR WHERE APPLICABLE	ACTUATE COMMON TROUBLE SIGNAL INDICATOR & LOCAL AUDIBLE TROUBLE SIGNAL AT THE FIRE COMMAND STATION AND REMOTE ANNUNCIATOR WHERE APPLICABLE	VISUALLY ANNUNCIATE THE DEVICE OR CIRCUIT IN TROUBLE AT THE FIRE COMMAND STATION AND REMOTE ANNUNCIATOR WHERE APPLICABLE	ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR, DISPLAY ON LCD AND REMOTE ANNUNCIATOR WHERE APPLICABLE	ACTUATE LOCAL AUDIBLE SUPERVISORY SIGNAL AND REMOTE ANNUNCIATOR WHERE APPLICABLE	ACTUATE STROBE APPLIANCES ON ALL FLOORS	ACTUATE SPEAKER APPLIANCES TO SOUND EVAC. TONE ON ALL FLOORS IN THE BUILDING.	ACTUATE SPEAKER APPLIANCES TO SOUND INQUIRY TONE ON ALL FLOORS	TRANSMIT ALARM SIGNAL TO CENTRAL STATION	TRANSMIT TROUBLE SIGNAL TO CENTRAL STATION	TRANSMIT SUPERVISORY SIGNAL TO CENTRAL STATION	ACTUATE FLASHING FIRE SIGN AT THE FIRE COMMAND STATION	PRINT EVENTS AT THE FIRE COMMAND STATION	RECALL ELEVATORS TO THE DESIGNATED LEVEL	SHUTDOWN ALL AIR HANDLING UNITS 2000 CFM AND LARGER SERVING THE FLOOR IN ALARM	CLOSE ALL REQUIRED FIRE/SMOKE DAMPERS	OPERATE ALL DOOR STRIKE RELEASE RELAYS TO OPEN LOCKED DOORS	OPERATE ALL DOOR HOLDER RELEASE RELAYS TO ALLOW DOORS TO CLOSE
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1 MANUAL PULL STATION	●	●					●	●	●	●			●	●					
2 AREA SMOKE DETECTOR	●	●					●	●	●	●			●	●		●	●	●	●
3 ELEVATOR RELATED SMOKE DETECTOR	●	●					●	●	●	●			●	●	●	●	●	●	●
4 IN–DUCT SMOKE DETECTOR	●	●					●	●	●	●			●	●		●	●	●	●
5 HEAT DETECTOR	●	●					●	●	●	●			●	●		●	●	●	●
6 WATERFLOW SWITCH	●	●					●	●	●	●			●	●	●	●	●	●	●
7 TAMPER SWITCH					●	●						●		●					
8 TROUBLE CONDITIONS			●	●							●			●					

PROJECT PHASING NOTES

Phase	Area	Scope of Work	Fire Watch Requirements	Special Notes
Phase 1	Throughout Pomerantz	**1a-** Install new fire alarm Fire Command Station (FCS), the Automatic Transfer Switch (ATS), and all associated line voltage circuitry.		
	The Katie Murphy Amphitheater and all areas outside of the Pomerantz Lobby, Great Hall, and Film & Media	**1b-** Install new strobes, combination speaker/strobes, manual pull stations, and smoke detector to existing DGPs while maintaining existing fire bells, manual pull stations, and smoke detectors. Install new wiring and new speakers to new speaker modules within existing DGPs.		
Phase 2	Pomerantz Lobby, Film & Media, and Great Hall	**2a-** Replace existing horn/strobes with new speaker/strobes (reuse backboxes). Provide new wiring, modules, and amplifiers in existing DGPs for new speaker devices.	Fire watch will be required while installing new wiring, modules, and amplifiers for new speaker devices.	WAV file ensures temporary audible coverage until the new system is signed off. The existing FACP in Stair #2 Landing #GH8, adjacent to the Great Hall will remain and be used to provide fire alarm circuitry to new strobes and pull stations.
		2b- New speaker modules shall be programmed to temporarily send a WAV file to new speakers to mimic horn functionality and to maintain fire alarm audible annunciation coverage.		
Phase 3	Throughout Pomerantz	Once the new system is signed off, take existing system offline and demolish the existing devices as required by the demolition drawings. Patch and repair openings as per the architectural drawings.		

NOTES:
1. CONTRACTOR MUST SUBMIT PHASING PLAN AND EXPECTED DURATION OF FIRE WATCH AT THE ONSET OF THE CONTRACT.

NOT FOR CONSTRUCTION

NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE

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NEW YORK CITY ENERGY CONSERVATION CODE

EXEMPTION WHEN COMPLIANCE WITH FIRE PROTECTION, DETECTION, ALARM AND/OR SUPPRESSION REQUIREMENTS OF TITLE 28 AND/OR THE 2022 NEW YORK CITY CONSTRUCTION CODES CONFLICTS WITH 2020 NYCECC COMPLIANCE, THE TITLE 28 AND/OR 2014 CONSTRUCTION CODES SAFETY PROVISIONS WILL TAKE PRECEDENCE OVER CONFLICTING PROVISIONS IN 2020 NYCECC.

MGE
MG Engineering D.P.C. / we engineer success
116 West 32nd Street, 12th Floor, New York, N.Y. 10001
P 212.643.9055 www.mgedpc.net

MEP Consultants
MG Engineering D.P.C.
116 West 32nd Street,
New York, NY, 10001

Environmental Consultants
EPM, Inc.
1983 Marcus Ave. Suite 109
Lake Sucess, NY 11042 / (516) 328-1194

Fashion Institute of Technology
227 West 27th Street
New York, NY 10001

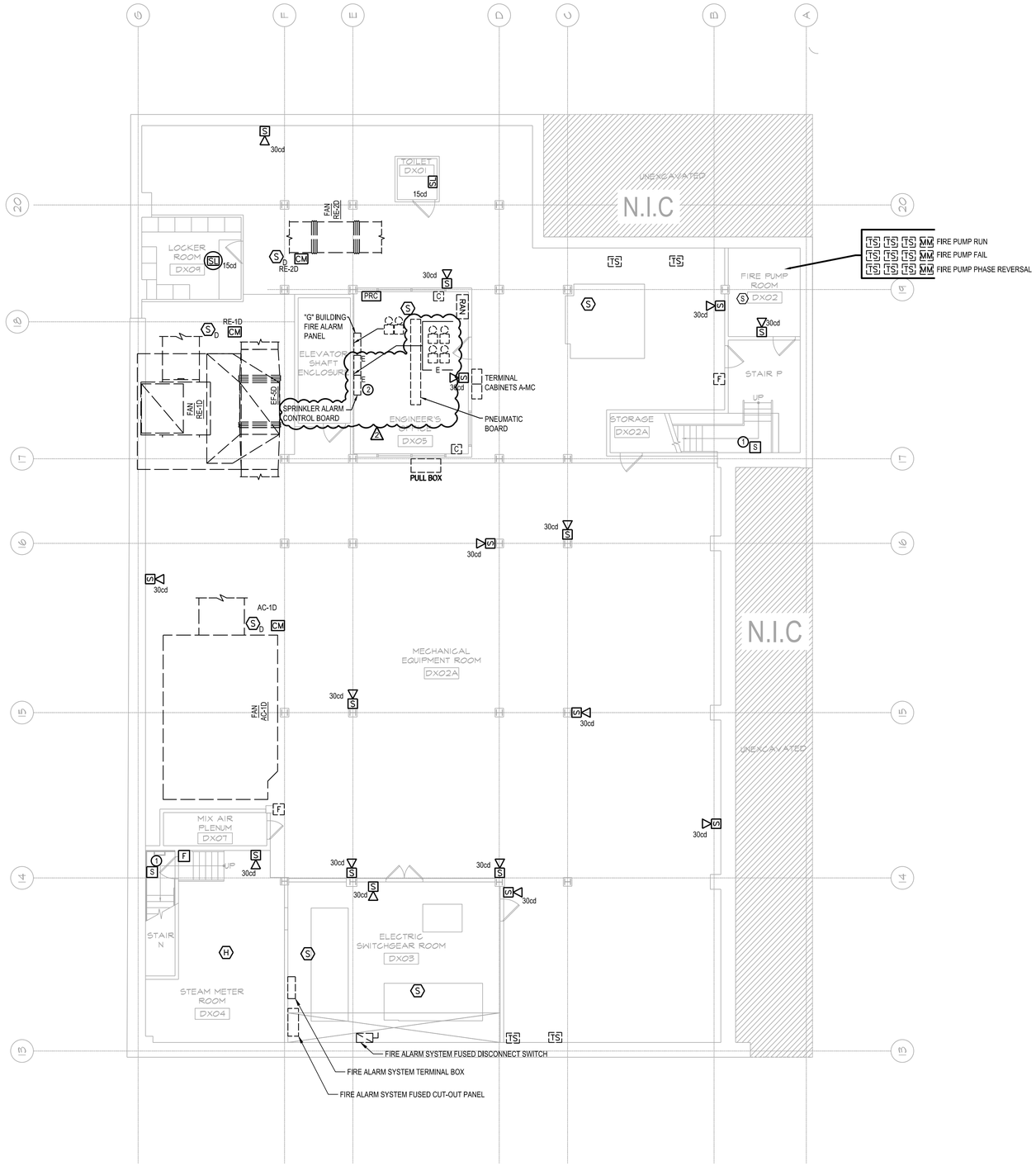
David Smotrich & Partners LLP
Architects/Planers
443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

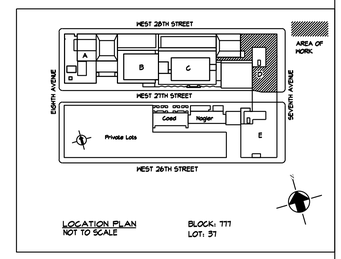
PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:
FIRE ALARM COVER SHEET & NOTES
DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	N.T.S
DWG No:	FA-001.00
CADD FILE:	DOB page: 1 OF 23





LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 37

WORK NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES

1	SPEAKER ONLY DEVICE SHALL BE FED BY STAIRWELL RISER.
2	MAINTAIN POWER FROM FUSED CUT-OUT PANEL. PROVIDE ADDRESSABLE CONTROL MODULE FOR EACH CIRCUIT CURRENTLY CONTROLLED BY FAN CONTROL RELAYS. PROVIDE ADDRESSABLE CONTROL MODULE FOR CONTROL OF EXISTING CIRCUITRY CURRENTLY OPERATED BY MASTER GONG RELAY

LEGEND

———	INDICATES NEW WORK
— —	INDICATES EXISTING TO REMAIN

NO.	DATE	REVISION
2	04/17/2025	ADDENDUM #2
1	03/21/2025	ISSUED FOR BID

MEP Consultants
MG Engineering D.P.C.
116 West 32nd Street,
New York, NY, 10001

Environmental Consultants
EPM, Inc.
1983 Marcus Ave. Suite 109
Lake Sucess, NY 11042 / (516) 328-1194

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Architects/Planers

443 Park Avenue South — New York, NY 10016
212 889 4045 — Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:

SUB-CELLAR FIRE ALARM PLAN

DOB NOW JOB#

0 4' 8' 16'
SCALE: 1/8" = 1'-0"

NOT FOR CONSTRUCTION

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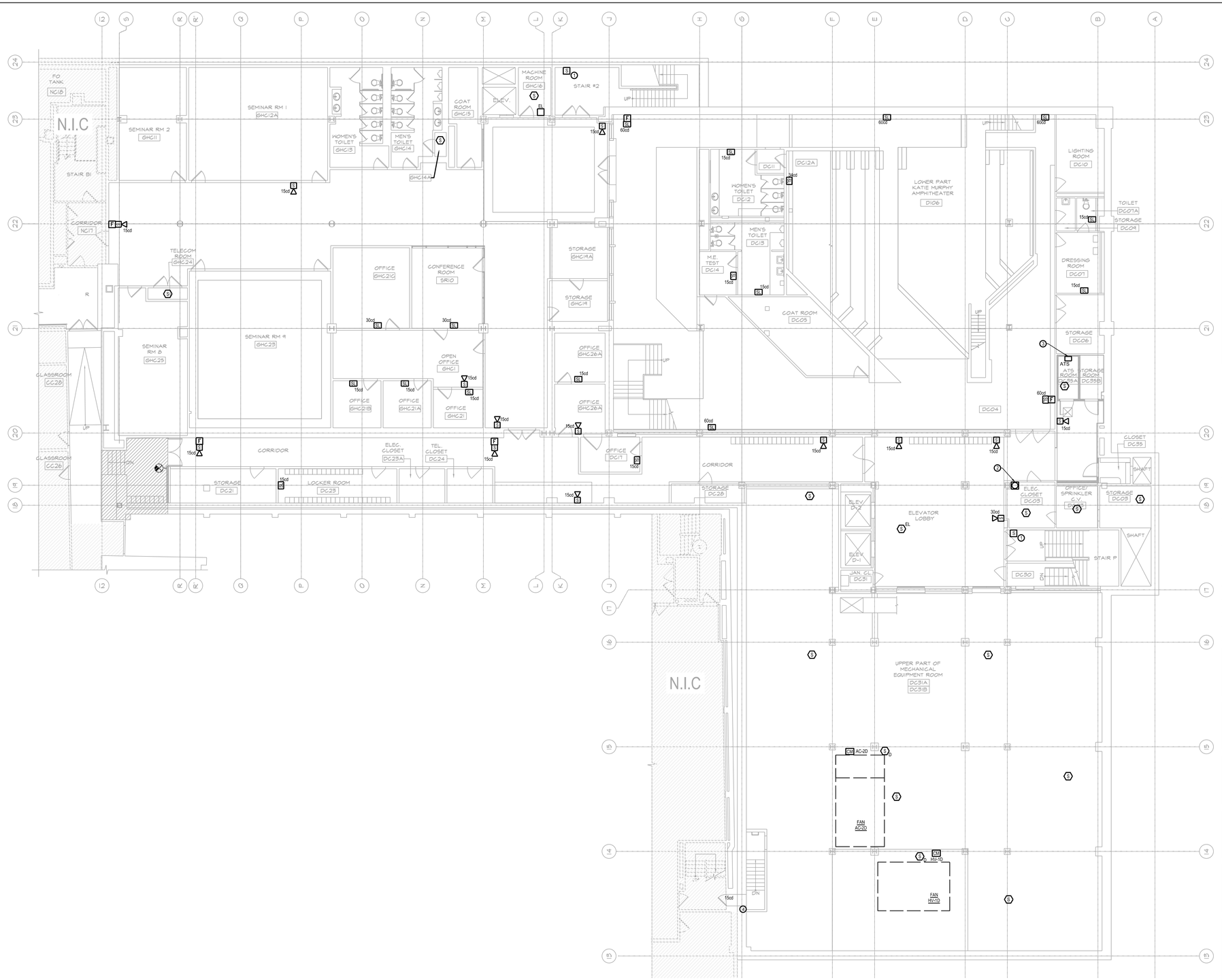
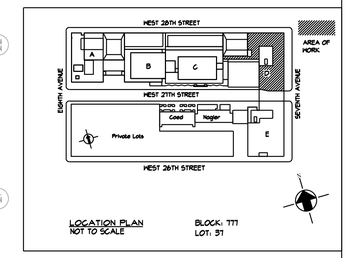
P 212.643.9055 www.mgedpc.net

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	3/32"=1'-0"
DWG No:	FA-099.00
CADD FILE:	DOB page: 2 OF 23





LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 37

WORK NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES

1	SPEAKER ONLY DEVICE SHALL BE FED FROM STAIRWELL RISER.
2	PROVIDE 2-INCH EMPTY RMC WITH PULL-BOX AND PULLSTRING AT THIS LOCATION FROM CELLAR LEVEL THROUGH THE 6TH FLOOR.
3	PROVIDE NEW 208V, 3PH, 125A AUTOMATIC TRANSFER SWITCH ATS-LS-1.
4	EXISTING FELDMAN FIRE ALARM DEVICE LOCATED IN POMERANTZ. CONTRACTOR SHALL PROTECT THESE DEVICES DURING DEMOLITION AND CONSTRUCTION

LEGEND

——	INDICATES NEW WORK

NO.	DATE	REVISION
1	03/21/2025	ISSUED FOR BID

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MG Engineering D.P.C.
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212 889 4045 — Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:

CELLAR FIRE ALARM PLAN

DOB NOW JOB#

0 8' 16' 32'
SCALE: 3/32" = 1'-0"

NOT FOR CONSTRUCTION

NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE

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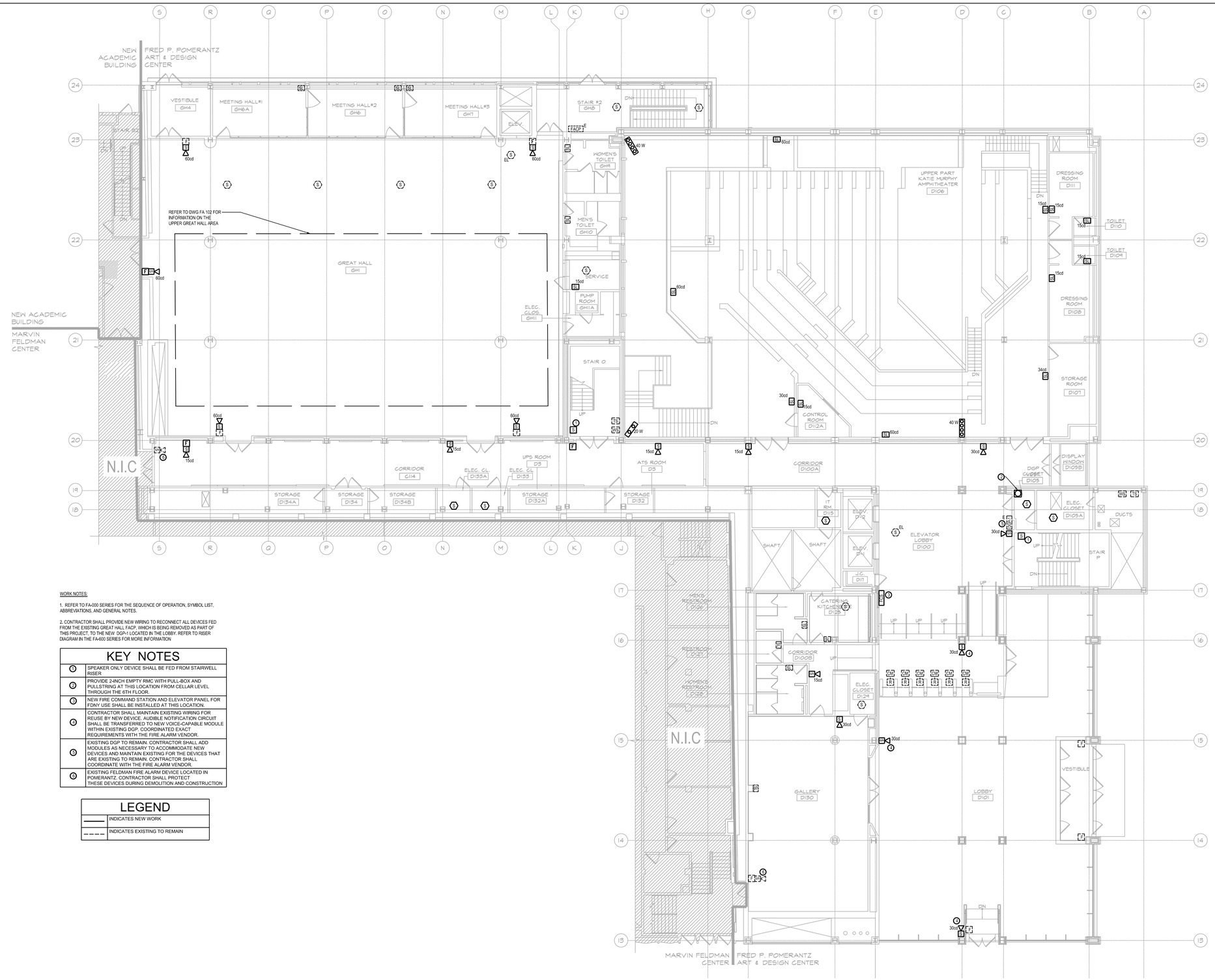
SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	3/32"=1'-0"
DWG No:	FA-100.00
CADD FILE:	DOB page: 3 OF 23



WORK NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

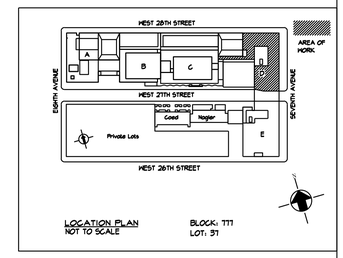
2. CONTRACTOR SHALL PROVIDE NEW WIRING TO RECONNECT ALL DEVICES FED FROM THE EXISTING GREAT HALL FACP, WHICH IS BEING REMOVED AS PART OF THIS PROJECT, TO THE NEW DGP-1 LOCATED IN THE LOBBY. REFER TO RISER DIAGRAM IN THE FA-600 SERIES FOR MORE INFORMATION

KEY NOTES

1	SPEAKER ONLY DEVICE SHALL BE FED FROM STAIRWELL RISER
2	PROVIDE 2-INCH EMPTY RMC WITH PULL-BOX AND PULLSTRING AT THIS LOCATION FROM CELLAR LEVEL THROUGH THE 6TH FLOOR.
3	NEW FIRE COMMAND STATION AND ELEVATOR PANEL FOR FDNY USE SHALL BE INSTALLED AT THIS LOCATION.
4	CONTRACTOR SHALL MAINTAIN EXISTING WIRING FOR REUSE BY NEW DEVICE. AUDIBLE NOTIFICATION CIRCUIT SHALL BE TRANSFERRED TO NEW VOICE-CAPABLE MODULE WITHIN EXISTING DGP. COORDINATED EXACT REQUIREMENTS WITH THE FIRE ALARM VENDOR.
5	EXISTING DGP TO REMAIN. CONTRACTOR SHALL ADD MODULES AS NECESSARY TO ACCOMMODATE NEW DEVICES AND MAINTAIN EXISTING FOR THE DEVICES THAT ARE EXISTING TO REMAIN. CONTRACTOR SHALL COORDINATE WITH THE FIRE ALARM VENDOR.
6	EXISTING FELDMAN FIRE ALARM DEVICE LOCATED IN POMERANTZ. CONTRACTOR SHALL PROTECT THESE DEVICES DURING DEMOLITION AND CONSTRUCTION

LEGEND

———	INDICATES NEW WORK
– – – –	INDICATES EXISTING TO REMAIN



LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31

NO.	DATE	REVISION
1	03/21/2025	ISSUED FOR BID

MEP Consultants
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227 West 27th Street
New York, NY 10001

David Smotrich & Partners LLP
Architects/Planers
443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:

1ST FLOOR FIRE ALARM PLAN

DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	3/32"=1'-0"
DWG No:	FA-101.00
CADD FILE:	DOB page: 4 OF 23

0 8' 16' 32'
SCALE: 3/32" = 1'-0"

NOT FOR CONSTRUCTION

NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE

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EXEMPTION WHEN COMPLIANCE WITH FIRE PROTECTION, DETECTION, ALARM AND/OR SUPPRESSION REQUIREMENTS OF TITLE 28 AND/OR THE 2022 NEW YORK CITY CONSTRUCTION CODES CONFLICTS WITH 2020 NYCECC COMPLIANCE, THE TITLE 28 AND/OR 2014 CONSTRUCTION CODES SAFETY PROVISIONS WILL TAKE PRECEDENCE OVER CONFLICTING PROVISIONS IN 2020 NYCECC.

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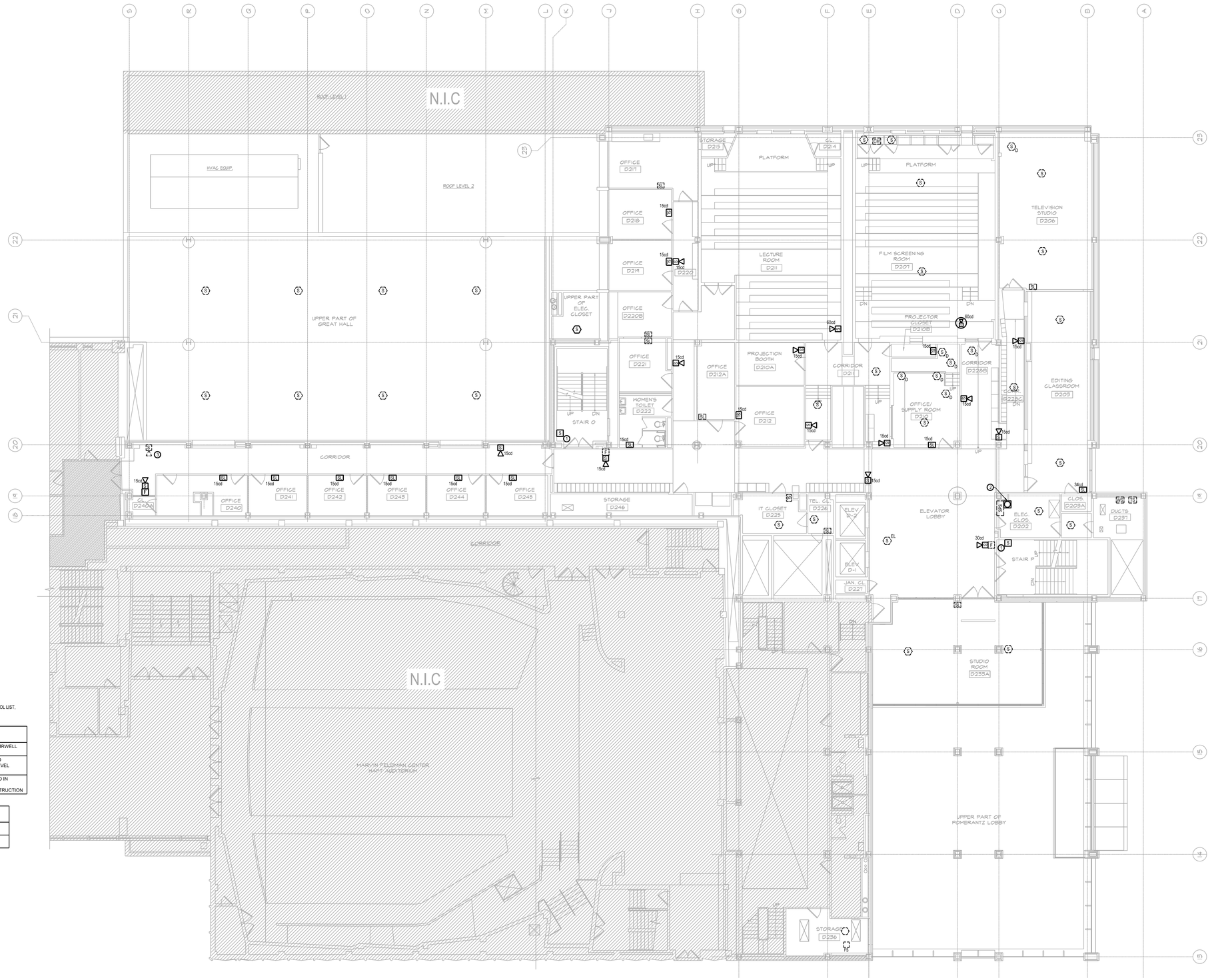

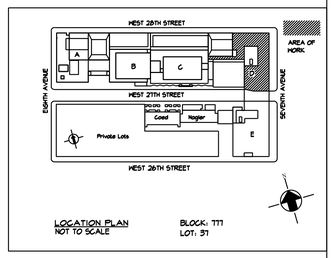

LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31

WORK NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES

1	SPEAKER ONLY DEVICE SHALL BE FED FROM STAIRWELL RISER
2	PROVIDE 2-INCH EMPTY RMC WITH PULL-BOX AND PULLSTRING AT THIS LOCATION FROM CELLAR LEVEL THROUGH THE 6TH FLOOR.
3	EXISTING FELDMAN FIRE ALARM DEVICE LOCATED IN POMERANTZ. CONTRACTOR SHALL PROTECT THESE DEVICES DURING DEMOLITION AND CONSTRUCTION

LEGEND

———	INDICATES NEW WORK
– – –	INDICATES EXISTING TO REMAIN

0 8' 16' 32'

SCALE: 3/32" = 1'-0"

NOT FOR CONSTRUCTION

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227 West 27th Street
New York, NY 10001

David Smotrich & Partners LLP
Architects/Planers
443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

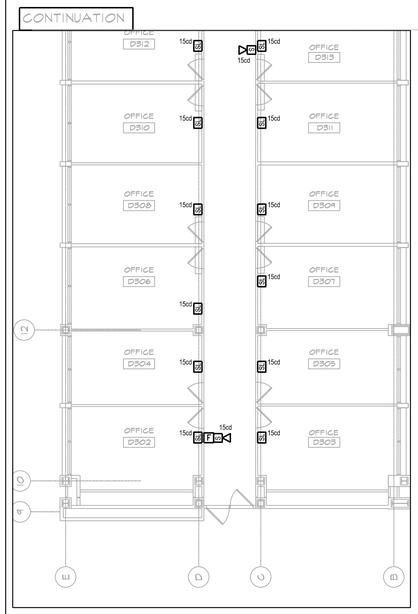
DRAWING TITLE:

2ND FLOOR FIRE ALARM PLAN

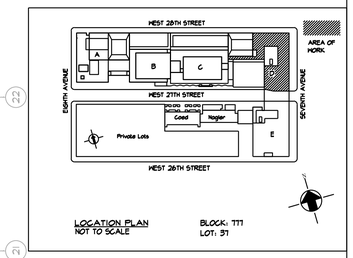
DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	3/32"=1'-0"
DWG No:	FA-102.00
CADD FILE:	DOB page: 5 OF 23



1 3RD FLOOR CONTINUATION PART PLAN



LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31

WORK NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES	
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LEGEND	
———	INDICATES NEW WORK
– – – –	INDICATES EXISTING TO REMAIN

NOT FOR CONSTRUCTION

SCALE: 3/32" = 1'-0"

NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE

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443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

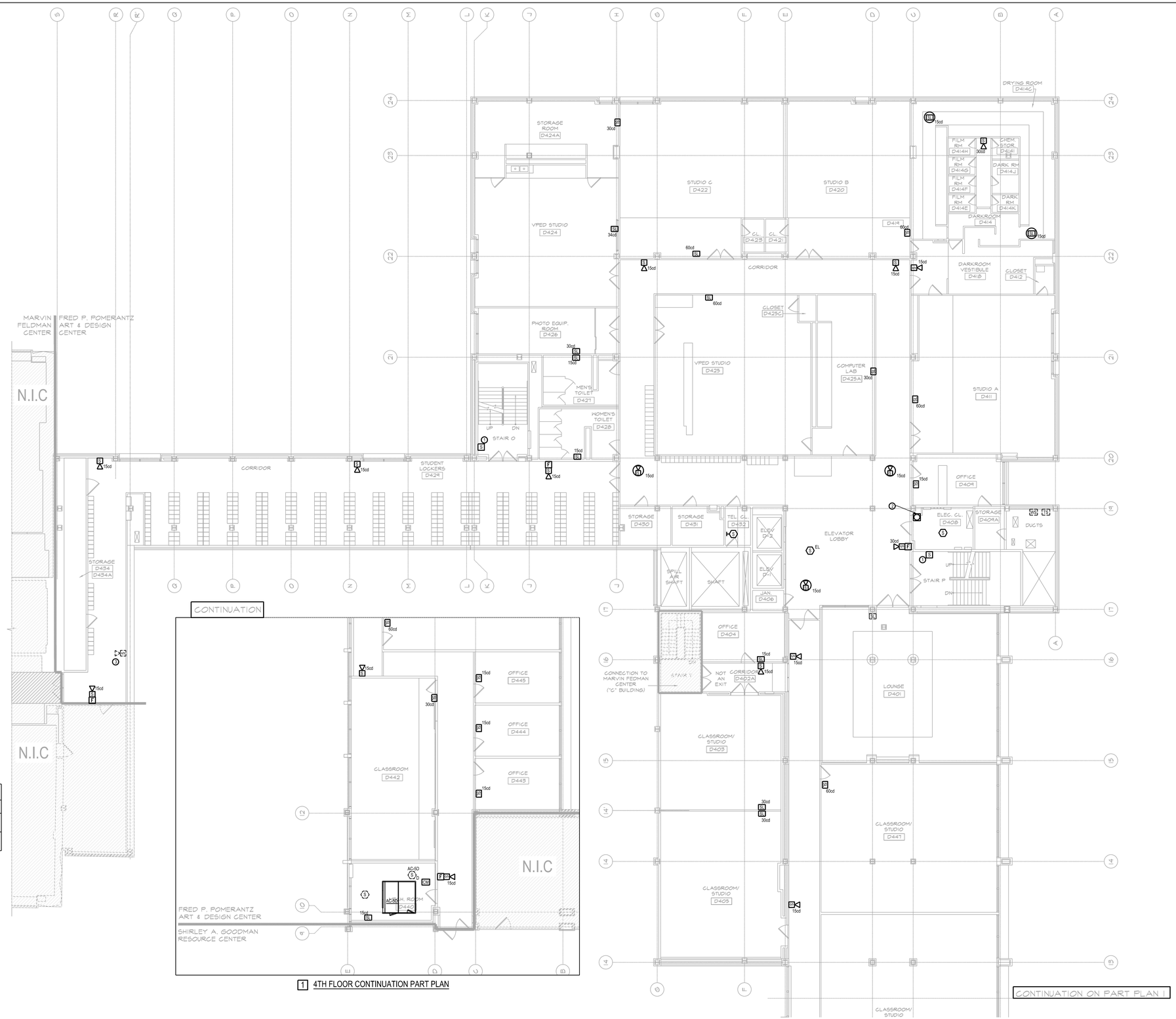
DRAWING TITLE:

3RD FLOOR FIRE ALARM PLAN

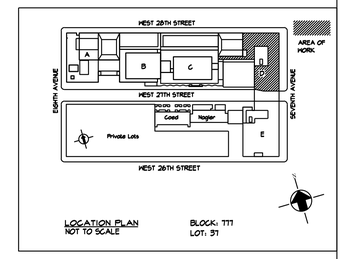
DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	3/32"=1'-0"
DWG No:	FA-103.00
CADD FILE:	DOB page: 6 OF 23



1 4TH FLOOR CONTINUATION PART PLAN



LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31

WORK NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES

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LEGEND

———	INDICATES NEW WORK
– – – –	INDICATES EXISTING TO REMAIN

NOT FOR CONSTRUCTION

SCALE: 3/32" = 1'-0"

NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE

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1	03/21/2025	ISSUED FOR BID

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443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

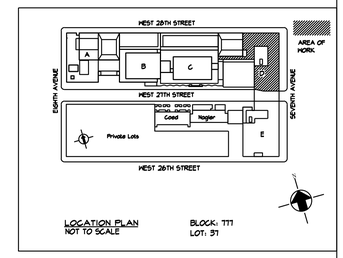
PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:
4TH FLOOR FIRE ALARM PLAN
DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	3/32" = 1'-0"
DWG No:	FA-104.00
CADD FILE:	DOB page: 7 OF 23

1 5THFLOOR CONTINUATION PART PLAN



LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31

WORK NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES

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LEGEND

———	INDICATES NEW WORK
– – – –	INDICATES EXISTING TO REMAIN

NOT FOR CONSTRUCTION

SCALE: 3/32" = 1'-0"

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227 West 27th Street
New York, NY 10001

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Architects/Planers

443 Park Avenue South — New York, NY 10016
212 889 4045 — Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

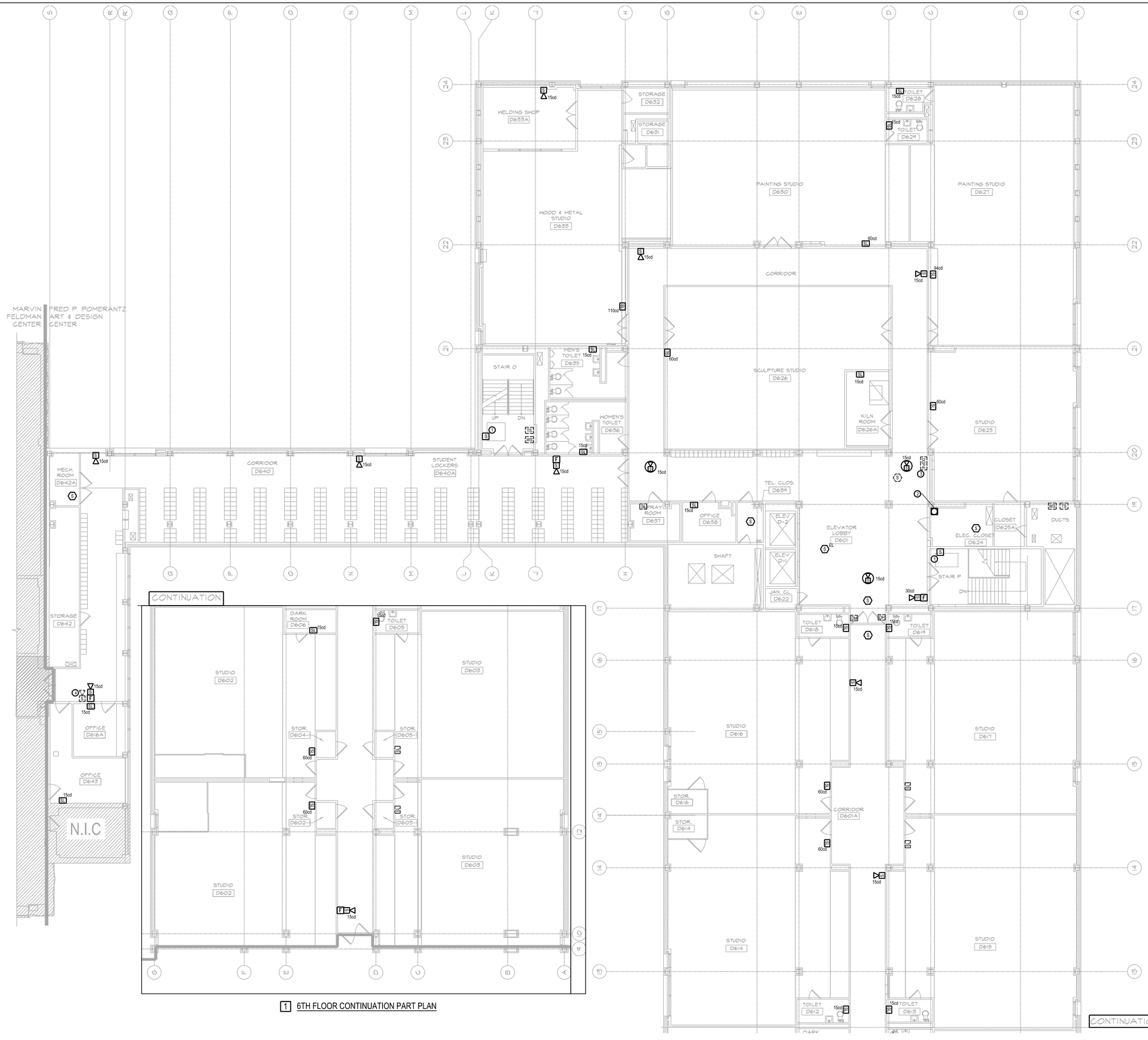
DRAWING TITLE:

5TH FLOOR FIRE ALARM PLAN

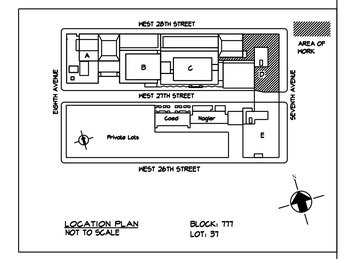
DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	3/32"=1'-0"
DWG No:	FA-105.00
CADD FILE:	DOB page: 8 OF 23



1 6TH FLOOR CONTINUATION PART PLAN



LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31

WORK NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES

1	SPEAKER ONLY DEVICE SHALL BE FED FROM STAIRWELL RISER
2	PROVIDE 2-INCH EMPTY RMC WITH PULL-BOX AND PULLSTRING AT THIS LOCATION FROM CELLAR LEVEL THROUGH THE 6TH FLOOR.
3	EXISTING DGP TO REMAIN. CONTRACTOR SHALL ADD MODULES AS NECESSARY TO ACCOMMODATE NEW DEVICES AND MAINTAIN EXISTING FOR THE DEVICES THAT ARE EXISTING TO REMAIN. CONTRACTOR SHALL COORDINATE WITH THE FIRE ALARM VENDOR.
4	EXISTING FELDMAN FIRE ALARM DEVICE LOCATED IN POMERANTZ. CONTRACTOR SHALL PROTECT THESE DEVICES DURING DEMOLITION AND CONSTRUCTION.

LEGEND

———	INDICATES NEW WORK
– – – –	INDICATES EXISTING TO REMAIN

NOT FOR CONSTRUCTION

SCALE: 3/32" = 1'-0"

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212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:
6TH FLOOR FIRE ALARM PLAN
DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	3/32"= 1'-0"
DWG No:	FA-106.00
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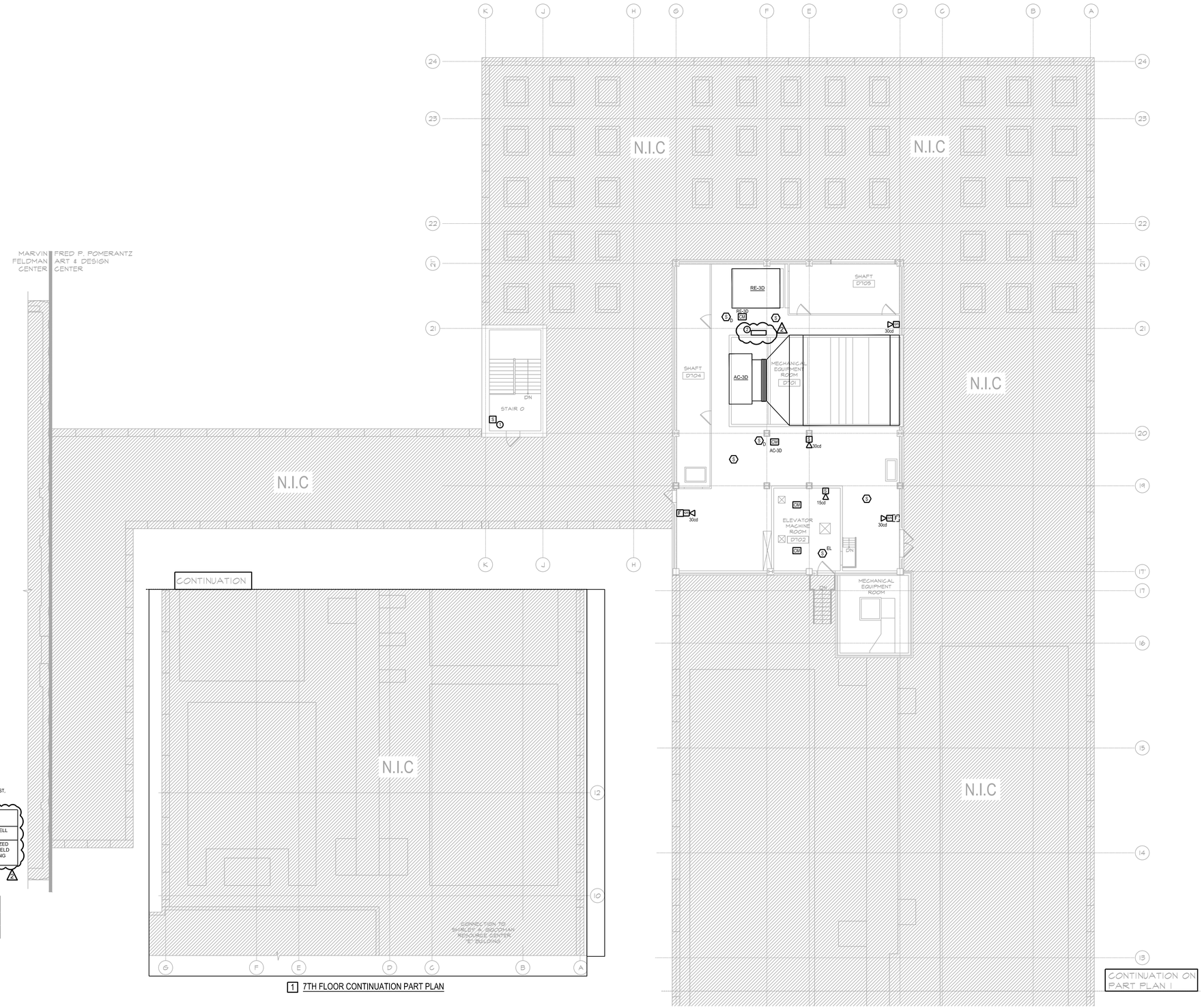


1 7TH FLOOR CONTINUATION PART PLAN

WORK NOTES:

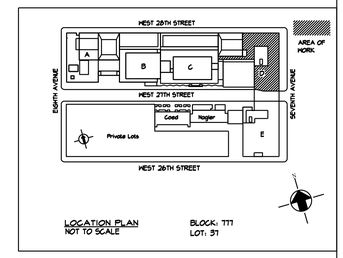
1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES

1	SPEAKER ONLY DEVICE SHALL BE FED FROM STAIRWELL RISER
2	CONTRACTOR SHALL REMOVE THE EXISTING OVERSIZED PULL BOX, AND PROVIDE A NEW CEILING MOUNTED FIELD FABRICATED PULL BOX TO ACCOMODATE THE EXISTING WIRING.

LEGEND

———	INDICATES NEW WORK
– – –	INDICATES EXISTING TO REMAIN



LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31

NO.	DATE	REVISION
2	04/17/2025	ADDENDUM #2
1	03/21/2025	ISSUED FOR BID

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212 889 4045 — Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:

ROOF FLOOR FIRE ALARM PLAN

DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	3/32"=1'-0"
DWG No:	FA-107.00
CADD FILE:	DOB page: 10 OF 23

0 8' 16' 32'
SCALE: 3/32" = 1'-0"

NOT FOR CONSTRUCTION

NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE

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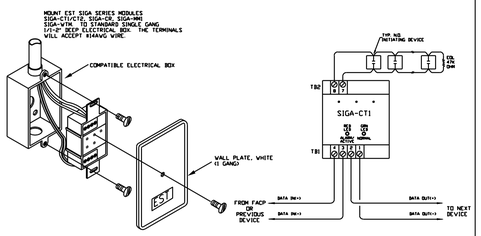
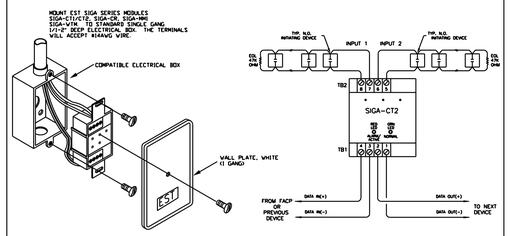


SIGA-CT1
MOUNTING DETAIL
N.T.S.

MM

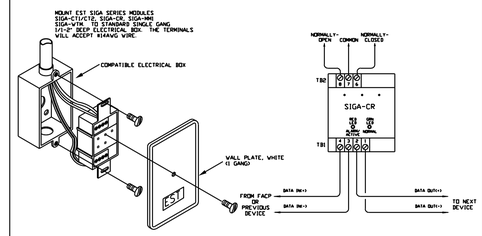
SINGLE INPUT MODULE
WIRING DIAGRAM
N.T.S.



SIGA-CT2
MOUNTING DETAIL
N.T.S.

MM2

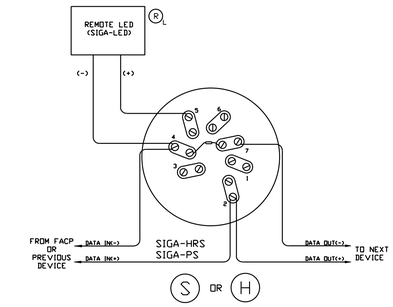
DUAL INPUT MODULE
WIRING DIAGRAM
N.T.S.



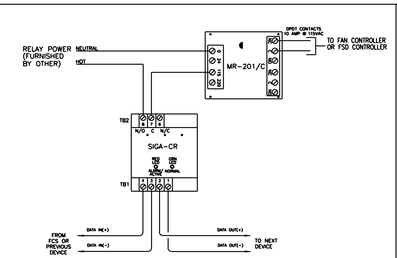
SIGA-CR
MOUNTING DETAIL
N.T.S.

CR

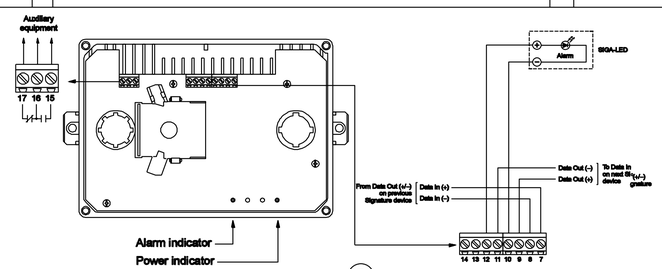
CONTROL RELAY MODULE
WIRING DIAGRAM
N.T.S.



INTELLIGENT SMOKE OR HEAT DETECTOR
BASE WIRING DIAGRAM
N.T.S.

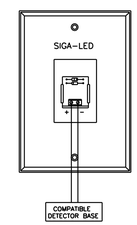


CONTROL RELAY MODULE
WIRING DIAGRAM
N.T.S.
TYPICAL FOR FAN SHUTDOWN OR FIRE SMOKE DAMPER CONTROL

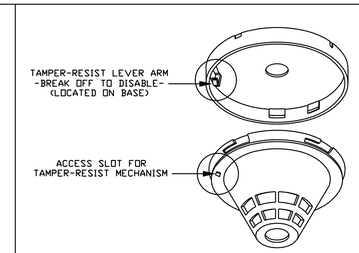


D

SIGA-SD
WIRING DIAGRAM
N.T.S.

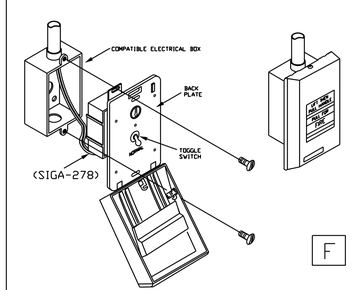


REMOTE LED ALARM INDICATOR
WIRING DIAGRAM
N.T.S.



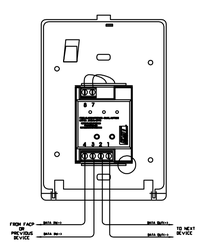
S OR H

SIGA-PS/HRS MOUNTING DETAIL
N.T.S.

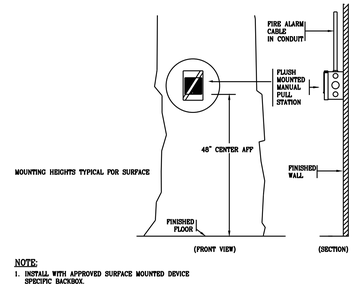


F

SIGA-278
MOUNTING DETAIL
N.T.S.

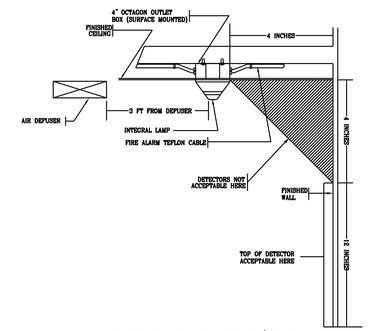


MANUAL PULL STATION
WIRING DIAGRAM
N.T.S.

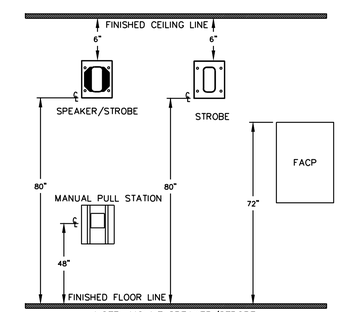


NOTE:
1. INSTALL WITH APPROVED SURFACE MOUNTED DEVICE SPECIFIC BACKBOX.

WALL MOUNT MANUAL PULL STATION
PULL STATION INSTALLATION DETAIL



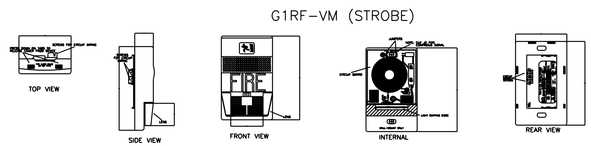
SURFACE MOUNT SMOKE/HEAT
DETECTOR INSTALLATION DETAIL



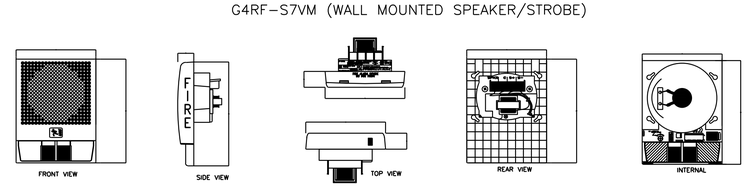
NOTE: MOUNT SPEAKER/STROBE ACCORDING TO LOWEST

DEVICE MOUNTING ELEVATIONS
N.T.S.

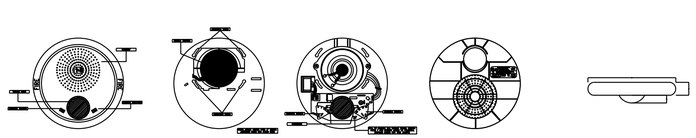
G1RF-VM (STROBE)



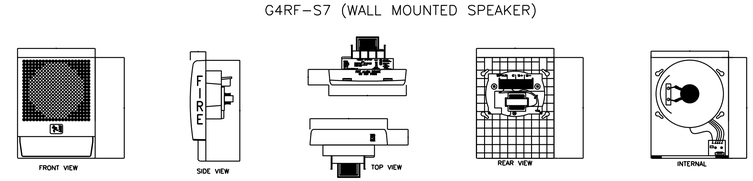
G4RF-S7VM (WALL MOUNTED SPEAKER/STROBE)



GCRF-S7VM (CEILING MOUNTED SPEAKER/STROBE)



G4RF-S7 (WALL MOUNTED SPEAKER)



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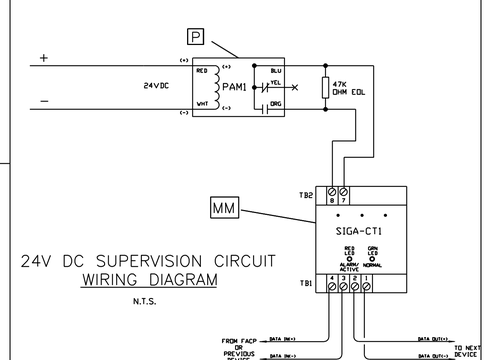

24V DC SUPERVISION CIRCUIT
WIRING DIAGRAM
N.T.S.

NOT FOR CONSTRUCTION

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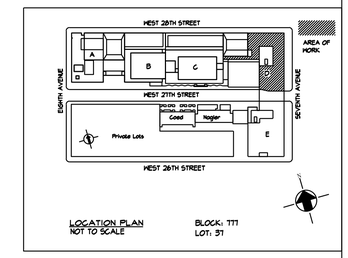

LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31

NO.	DATE	REVISION
1	03/21/2025	ISSUED FOR BID

MEP Consultants
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New York, NY, 10001

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EPM, Inc.
1983 Marcus Ave. Suite 109
Lake Sucess, NY 11042 / (516) 328-1194

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227 West 27th Street
New York, NY 10001

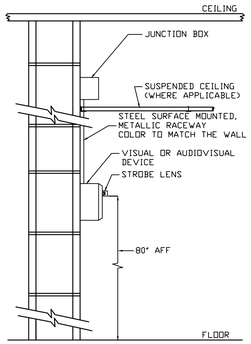
David Smotrich & Partners LLP
Architects/Planers
443 Park Avenue South — New York, NY 10016
212 889 4045 — Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

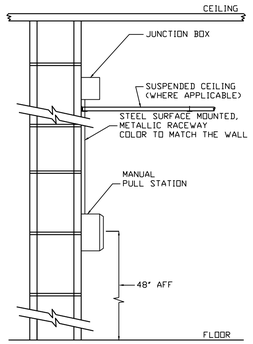
DRAWING TITLE:
FIRE ALARM
DETAILS I

SEAL & SIGNATURE:

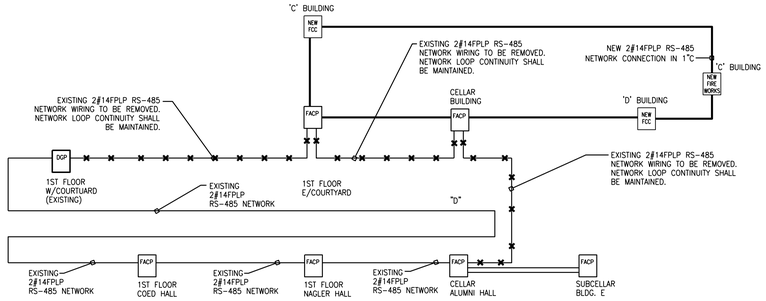
DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	CTD
SCALE:	N.T.S
DWG No:	FA-501.00
CADD FILE:	DOB page: 11 OF 23



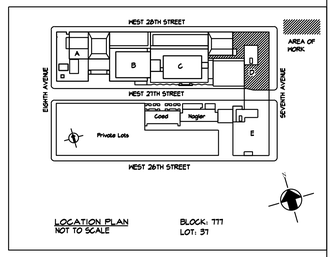
SURFACE MOUNTED FIRE ALARM VISUAL OR AUDIOVISUAL DEVICE INSTALLATION DETAIL



SURFACE MOUNTED MANUAL PULL STATION INSTALLATION DETAIL

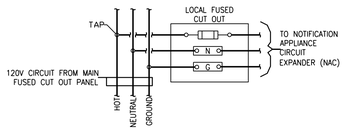


FIRE ALARM EST-4 RS-485 NETWORK RISER



LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31

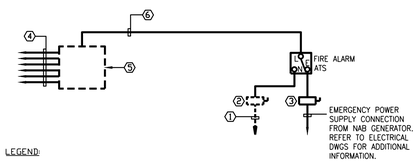


NOTES:
1. THE FA SYSTEM VENDOR SHALL DIRECT ON THE TOTAL QUANTITY OF NACS PERMITTED ON A SINGLE, 20A CIRCUIT.
2. FA POWER CIRCUIT RISER TAPS SHALL BE MADE WITH LISTED DEVICES AND COMPLY WITH NYCEC ARTICLE 240 TAP RULES.
3. ALL FA POWER CIRCUIT CONDUIT SHALL BE RMC AND ALL BOX COVERS SHALL BE RED.
4. FUSE RATING IN CUT OUT SHALL BE LESS THAN THAT SUPPLYING THE RISER.

LEGEND:
- FUSE
- G — GROUND BAR (BONDED TO ENCLOSURE)
- N — NEUTRAL BAR

DETAIL OF LOCAL FUSED CUT OUT (FCO) FOR NOTIFICATION APPLIANCE CIRCUIT EXPANDERS (NAC)

LEGEND OF FUSED CUT OUTS ON PLANS:
- FCO-4 FCO WITH (4) FUSE HOLDERS
- FCO-3 FCO WITH (3) FUSE HOLDERS
- FCO-2 FCO WITH (2) FUSE HOLDERS
- FCO-1 FCO WITH (1) FUSE HOLDERS



LEGEND:
1. EXISTING NORMAL POWER SUPPLY CONNECTION TO REMAIN
2. EXISTING NORMAL POWER SERVICE FUSED SWITCH TO REMAIN
3. NEW EMERGENCY POWER SERVICE FUSED SWITCH ON NAB ROOF
4. BRANCH CIRCUITS
   EACH TO BE TYPE "THWN", "TFFN" OR " TFN WIRES IN RMC CONDUIT TO TERMINALS OF THE CENTRAL EQUIPMENT OF FIRE SIGNALING SYSTEMS AND TO OTHER ITEMS AS PER RISER DIAGRAM ON DWG FA-601.
5. EXISTING RED FUSE CUT-OUT PANEL
6. SEE ELECTRICAL DRAWING E-601 FOR WIRE SIZING (TYP.)

NOTES:
1. EXTERIOR OF ALL ITEMS TO BE PAINTED "FIRE ALARM" RED.

DETAIL OF FIRE SIGNALING SYSTEMS POWER SUPPLY FROM NOMINAL 208/120 VOLT ELECTRIC SERVICE

NO SCALE

2

NO.	DATE	REVISION
2	04/17/2025	ADDENDUM #2
1	03/21/2025	ISSUED FOR BID

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PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:
FIRE ALARM DETAILS I

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	CTD
SCALE:	N.T.S
DWG No:	FA-502.00
CADD FILE:	DOB page: 12 OF 23

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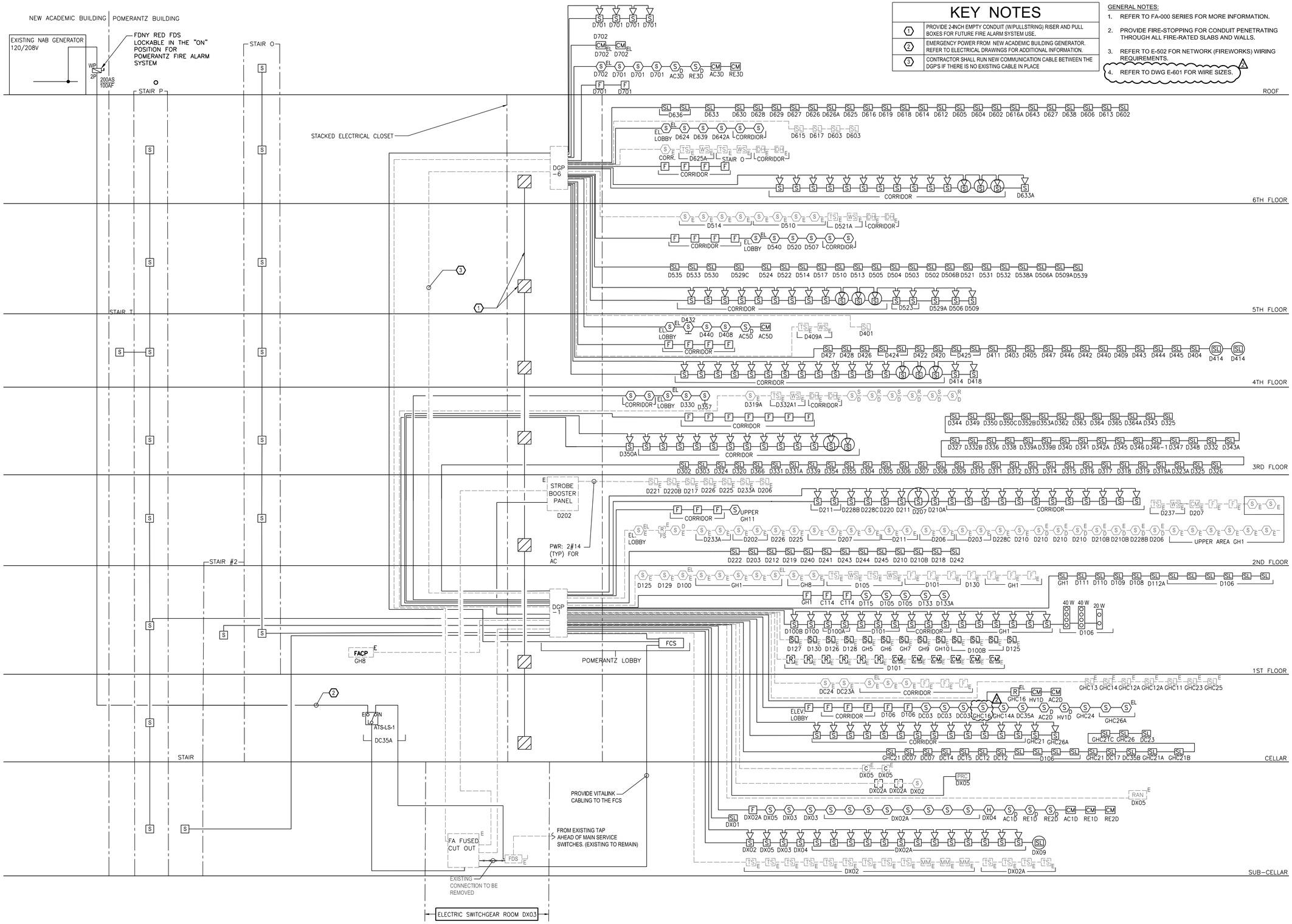
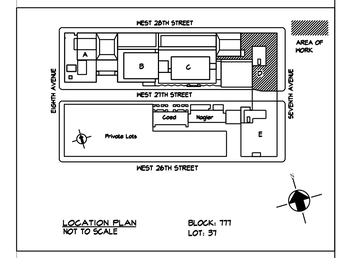


KEY NOTES

1	PROVIDE 2-INCH EMPTY CONDUIT (W/PULLSTRING) RISER AND PULL BOXES FOR FUTURE FIRE ALARM SYSTEM USE.
2	EMERGENCY POWER FROM NEW ACADEMIC BUILDING GENERATOR. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
3	CONTRACTOR SHALL RUN NEW COMMUNICATION CABLE BETWEEN THE DGP'S IF THERE IS NO EXISTING CABLE IN PLACE

GENERAL NOTES:

1. REFER TO FA-000 SERIES FOR MORE INFORMATION.
2. PROVIDE FIRE-STOPPING FOR CONDUIT PENETRATING THROUGH ALL FIRE-RATED SLABS AND WALLS.
3. REFER TO E-502 FOR NETWORK (FIREWORKS) WIRING REQUIREMENTS.
4. REFER TO DWG E-601 FOR WIRE SIZES. (A)



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PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:

FIRE ALARM RISER DIAGRAM

DOB OW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	3/32"=1'-0"
DWG No:	FA-601.00
CADD FILE:	DOB page: 13 OF 23

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EXISTING FIRE ALARM DEVICES NOTES:

THE FOLLOWING SHALL APPLY FOR ALL DEVICES IDENTIFIED AS EXISTING TO REMAIN.

1. EXISTING WIRING SHALL BE PROTECTED DURING DEMOLITION AND CONSTRUCTION SO THAT IT CAN BE REUSED AND RECONNECTED TO MAKE EXISTING DEVICES FULLY OPERATIONAL. EXISTING WIRING THAT HAS BEEN DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.

2. EXISTING MANUAL PULL STATIONS AFFECTED BY THE SCOPE OF WORK AND INDICATED TO BE LOWERED/RELOCATED OR REPLACED SHALL BE LOWERED SO THAT THE HIGHEST OPERABLE PART IS NOT MORE THAN 48" AND SHALL NOT BE LESS THAN 42" ABOVE FINISH FLOOR. EXISTING WIRING MAY BE REUSED ONLY IF IT CAN BE EXTENDED TO THE NEW MOUNTING POSITION WITHOUT SPLICES. IF EXISTING WIRING IS TOO SHORT, FURNISH AND INSTALL NEW WIRING BACK TO THE FIRE ALARM COMMAND STATION, "DGP" OR TERMINAL CABINET.

3. THE ABOVE DESCRIBED WORK SHALL BE INCLUDED IN THE CONTRACT PRICE.

4. EXISTING BASE BUILDING FIRE ALARM EQUIPMENT AND DEVICES OUTSIDE OF THE AREA OF WORK MUST REMAIN IN SERVICE AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION.

FIRE ALARM SYSTEM DIVISION OF WORK IS AS FOLLOWS:

1) FIRE ALARM VENDOR WILL PROVIDE THE FOLLOWING INSTALLATION PACKAGE UNDER THIS CONTRACT:

A) FURNISH A COMPLETE SUBMITTAL PACKAGE INCLUDING CATALOGUE CUT SHEETS, RISER DIAGRAM WITH SEQUENCE OF OPERATIONS, POINT-TO-POINT WIRING DIAGRAM AND TYPICAL HOOK-UP DIAGRAMS.

B) FURNISH ALL DRAWINGS, MATERIAL AND PROGRAM CHANGES.

C) FILE DRAWINGS WITH THE FDNY.

D) COORDINATE INSPECTIONS WITH THE FDNY.

E) PROVIDE BUILDING OWNER WITH A LETTER ATTESTING THAT SAID SYSTEM(S) ARE FULLY OPERATIONAL PRIOR TO TENANT MOVE IN.

2) ELECTRICAL CONTRACTOR SHALL:

A) PURCHASE EQUIPMENT, DRAWINGS AND FILING FROM BUILDING FIRE ALARM VENDOR.

B) INSTALL EQUIPMENT AND WIRE RUNS TO DESIGNATED POINTS PER VENDOR DRAWINGS.

C) FILE THE A-433 FORM FOR HIS WORK WITH THE FDNY.

D) PROVIDE A LETTER OF REQUEST FOR FDNY INSPECTION AND RE-INSPECTIONS AS NECESSARY AND COORDINATE SAME WITH VENDOR, UNTIL A LETTER OF APPROVAL FROM THE FDNY IS OBTAINED.

E) CONTRACTOR SHALL ATTEND ANY FDNY INSPECTION AND RE-INSPECTION(S) /TEST(S) OF SUCH SYSTEMS, AT NO ADDITIONAL COST TO THE CLIENT.

3) THE SYSTEM MUST BE KEPT OPERABLE IN THE AREAS OUTSIDE OF THE AREA OF WORK. THIS MAY REQUIRE A TEMPORARY HOOK-UP DURING CONSTRUCTION.

FIRE ALARM NOTES:

1. PRIOR TO BID, CONTRACTOR SHALL CONTACT THE BUILDING FIRE ALARM MAINTENANCE CONTRACTOR, HIGH RISE FIRE TO OBTAIN PRICING FOR THE EQUIPMENT AND SERVICES LISTED BELOW WHICH MUST BE PROVIDED BY THAT CONTRACTOR. THE FIRE ALARM MANUFACTURER FOR THIS FACILITY IS EDWARDS EST PRODUCTS. ELECTRICAL CONTRACTORS TO CONTACT HIGH RISE FIRE AND SECURITY FOR SITE SPECIFIC INFORMATION.

2. ALL EQUIPMENT FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR AND SHALL BE PURCHASED FROM THE BUILDING FIRE ALARM MAINTENANCE CONTRACTOR TO TO ASSURE COMPATIBILITY WITH EXISTING FIRE ALARM SYSTEM.

3. REPROGRAMMING OF FIRE COMMAND STATION AND FINAL CONNECTIONS AT THE FIRE COMMAND STATION OR DATA GATHERING PANEL ARE BY BUILDING'S FIRE ALARM MAINTENANCE CONTRACTOR. INCLUDE PRICE FOR SAME IN BID PRICE.

4. INSTALL FIRE ALARM EQUIPMENT, FIRE ALARM SPEAKERS AND STROBE LIGHTS (CANDELA TO BE SET AS INDICATED ON THE PLAN) UNITS AT LOCATION INDICATED ON THE PLAN.

5. CONNECT WIRES TO "2 WATT" TAP ON SPEAKER TRANSFORMER OR AS RECOMMENDED BY THE BUILDING'S FIRE ALARM MAINTENANCE CONTRACTOR. OPERATING VOLTAGE OF SPEAKER UNITS SHALL BE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM.

6. FIRE ALARM RECESSED CEILING MOUNTED SPEAKERS AND WALL MOUNTED (PER NFPA 72 OF 2016, THE ENTIRE LENS SHALL NOT BE LESS THAN 80" AND NOT GREATER THAN 96" A.F.F.) STROBE LIGHT UNITS OR COMBINATION SPEAKER/STROBE UNITS SHALL BE BASE BUILDING TYPE.

7. ALL CABLING SHALL BE TEFLON INSULATED RATED AT 150°C AND JACKETED, "NYC CERTIFIED", FIRE PROTECTION SERVICE APPROVED, (1) PAIR #14 AWG FOR STROBES AND "POINTS" WIRING AND #16 AWG FOR SPEAKERS. PROVIDE SHIELD WIRING WHERE REQUIRED.

8. EXISTING BUILDING SYSTEM DEVICES SHOWN ARE TO REMAIN INTACT UNLESS OTHERWISE NOTED.

9. OBTAIN PERMISSION FROM BUILDING MANAGER PRIOR TO RUNNING WIRE FROM NEW FIRE ALARM DEVICES TO EXISTING FIRE COMMAND STATION OR DATA GATHERING PANELS.

10. ALL ROUTING OF CABLES TO FIRE COMMAND STATION SHALL BE DIRECTED AND APPROVED BY BUILDING MANAGER.

11. THE FIRE ALARM RISER DIAGRAM SHOWN IS AN INDICATION OF THE WORK REQUIRED AND SHALL BE USED AS GUIDE FOR DEVELOPING A COMPLETE SCOPE AND IS NOT A POINT-TO-POINT WIRING DIAGRAM. THE CONTRACTOR SHALL OBTAIN A POINT-TO-POINT WIRING DIAGRAM FROM THE BUILDING FIRE ALARM MAINTENANCE CONTRACTOR AND PERFORM ALL WORK IN ACCORDANCE WITH THAT DIAGRAM.

12. THE OPERATION OF THE FIRE ALARM INSTALLATION DOES NOT CONSTITUTE AN ACCEPTANCE OF THE WORK BY THE OWNER. FINAL ACCEPTANCE IS TO BE MADE AFTER THE CONTRACTOR HAS DEMONSTRATED THAT THE WORK FULFILLS THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS AND HAS FURNISHED ALL REQUIRED CERTIFICATES OF APPROVAL FROM THE STATE AUTHORITIES, MUNICIPAL AUTHORITIES AND UNDERWRITERS.

13. INCLUDE ALL FEES FOR FILING APPROVALS, AND REQUESTING FDNY INSPECTION AND RE-INPECTION OF THE FIRE ALARM INSTALLATION.

14. INSULATION OF FIRE ALARM CABLES SHALL BE MINIMUM 150° RATED AND SHALL BE UL APPROVED FOR USE IN N.Y.C..

15. ALL EXISTING FIRE ALARM DEVICES, WHETHER SHOWN ON PLANS OR NOT, SHALL REMAIN ACTIVE DURING DEMOLITION AND CONSTRUCTION.

16. AREA AND ELEVATOR LOBBY SMOKE DETECTOR SHALL BE MOUNTED AT THE HIGHEST POINT ON THE CEILING.

17. INSTALL SMOKE DETECTORS AT LEAST 3 FEET FROM ANY AIR DIFFUSER.

18. THE INSTALLATION SHALL COMPLY WITH 2022 NYC CONSTRUCTION CODES AND NFPA 72 OF 2016. ALL ELECTRICAL WORK SHALL COMPLY WITH 2011 NYC ELECTRICAL CODE ARTICLE 760.

19. ALL EQUIPMENT/DEVICES USED SHALL BE APPROVED MANUFACTURERS THAT ARE LISTED FOR THEIR USE.

20. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED "SPECIAL INSPECTIONS" AND SHALL SUBMIT THE NAME AND QUALIFICATIONS OF THE INSPECTOR TO THE ENGINEER FOR REVIEW.

21. CONTRACTOR SHALL PROVIDE "AS-BUILT" DRAWINGS TO THE ENGINEER AT LEAST TWO WEEKS PRIOR TO FDNY INSPECTION. THESE DRAWINGS SHOULD BE BUBBLED TO INDICATE ALL CHANGES AND VARIATIONS FROM THE APPROVED DRAWINGS. THE ENGINEER SHALL PROVIDE THE REQUIRED AS-BUILT DRAWING FOR THE FDNY INSPECTION. THE FUNCTIONALITY STATEMENT SHALL BE SIGNED BY THE INSTALLING CONTRACTOR PRIOR TO THE ENGINEER SIGNING AND SEALING THE OVERALL DRAWING.

22. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL UNUSED OR ABANDONED FIRE ALARM CABLE, CONDUIT AND DEVICES. REPROGRAM THE SYSTEM FOR DEVICES REMOVED FROM SERVICE.

23. FIRE ALARM PLANS SHALL BE APPROVED BY THE FIRE DEPARTMENT PLAN EXAMINER PRIOR TO ANY INSTALLATION WORK.

24. PRIOR TO FDNY INSPECTION THE ENTIRE INSTALLATION SHALL BE COMPLETELY TESTED BY THE FIRE ALARM VENDOR AND INSTALLING ELECTRICIAN.

25. ALL LINE VOLTAGE ELECTRICAL WORK ASSOCIATED WITH FIRE ALARM SYSTEM (IF APPLICABLE) SHALL BE FILED FOR BY A LICENSED MASTER ELECTRICIAN WITH THE BUREAU OF ELECTRICAL CONTROL (FORM 16A).

26. EXACT LOCATION OF ALL DEVICES TO BE COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION OF ANY ROUGH IN, CONDUIT, WIRING OR DEVICES.

27. 24V POWER ON ALL FIRE ALARM DEVICES (RELAYS, SOUNDER BASES, ETC.) SHALL BE SUPERVISED BY THE FIRE ALARM SYSTEM.

28. PROVIDE REMOTE LED'S FOR FSD'S LOCATED ABOVE HUNG CEILINGS. LED TO BE VISIBLE FROM TENANT SPACE TO INDICATE LOCATION/OPERATION.

29. PROVIDE REMOTE LED'S FOR AREA SMOKE DETECTORS LOCATED IN CONCEALED SPACES. LED TO BE VISIBLE FROM TENANT SPACE TO INDICATE LOCATION/OPERATION.

30. IN OCCUPIED SPACES THAT HAVE NO OR OPEN CEILINGS, FIRE ALARM WIRING SHALL BE IN CONDUIT. COORDINATE WITH ARCHITECT.

31. ALL FIRE ALARM CABLES INSTALLED BELOW HUNG CEILING SHALL BE PROVIDED IN METAL RACEWAY.

32. ALL FIRE ALARM CABLES INSTALLED IN MECHANICAL SPACES, ELEVATOR MACHINE ROOMS AND LOADING DOCKS SHALL BE PROVIDED IN METAL RACEWAY PER NYC ELECTRICAL CODE ARTICLE 760.

33. WHEN RELOCATING FIRE ALARM DEVICE(S) IF EXISTING WIRING DOES NOT REACH NEW LOCATION, PROVIDE NEW WIRING AS REQUIRED. ALL WIRING MUST BE PROPERLY SUPPORTED PER CODE.

34. MAINTAIN CONTINUITY OF CIRCUITS WHEN FIRE ALARM DEVICES ARE REMOVED FROM EXISTING CIRCUITS SERVING OTHER DEVICES. TRACE OUT CIRCUITRY TO DETERMINE ACTIVE CIRCUITS TO REMAIN. PROVIDE TERMINAL BOXES WITH ACCESS AS REQUIRED.

35. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE INSTALLATION IN COMPLIANCE WITH BUILDING REGULATIONS AND STANDARDS.

36. CEILING MOUNTED DEVICES IN AREAS WITH HUNG CEILING ARE TO BE INSTALLED ON THE BOTTOM OF HUNG CEILING, U.O.N.

37. UPON RECEIPT OF A LETTER OF ACCEPTANCE FROM THE FDNY CONTRACTOR, WITH ASSISTANCE FROM THE PROJECT EXPEDITER, MUST OBTAIN PROJECT AUTHORIZATION VIA FDNY BUSINESS PORTAL PRIOR TO COMMENCEMENT OF WORK.

38. ALL REQUIRED FIRE ALARM SYSTEM SHUTDOWNS SHALL BE COORDINATED WITH FIT. CONTRACTOR TO PROVIDE FIRE WATCH FOR THE DURATION OF EACH SHUTDOWN AS REQUIRED.

FIRE ALARM SPECIFICATIONS

I. NEW FIRE ALARM SYSTEM WORK

A. NEW FIRE ALARM STROBE LIGHT SUB-PANEL

1. PROVIDE NEW STROBE LIGHT CONTROL PANEL IN ACCORDANCE WITH THE FOLLOWING:

a. PANEL SHALL BE APPROVED BY THE BUREAU OF ELECTRICAL CONTROL OR APPROVED BY THE BOARD OF STANDARDS AND APPEALS/MEA.

b. PANEL SHALL CAUSE FIRE ALARM SIGNAL RECEIVED FROM BUILDING FIRE ALARM SYSTEM TO ACTIVATE STROBES.

c. PANEL SHALL BE EQUIPPED WITH A BATTERY AND CHARGER CAPABLE OF PROVIDING AT LEAST FIFTEEN (45) MINUTES OF OF FULL SYSTEM ALARM OPERATION FOLLOWING TWENTY-FOUR (24) HOURS OF SUPERVISORY OPERATION.

d. WHEN IT IS NOT PHYSICALLY POSSIBLE FOR THE STROBE LIGHT CONTROL PANEL TO BE RESET FROM THE BUILDING FIRE COMMAND STATION, A TIMER TO SHUT OFF THE STROBES AND RESET THE PANEL FIVE (5) MINUTES AFTER THEY ARE ACTIVATED SHALL BE PROVIDED IN THE PANEL.

e. PANEL SHALL INCORPORATE THE ELECTRICAL SUPERVISION OF THE FOLLOWING:

(1) ALARM CIRCUITRY FOR THE STROBES.

(2) INITIATING CIRCUITRY FROM THE BUILDING FIRE ALARM SYSTEM.

(3) THE 120 VOLT POWER SOURCE AND BATTERY.

f. PANEL SHALL HAVE A TROUBLE CONTACT FOR REPORTING TO THE BUILDING FIRE ALARM AND SIGNAL SYSTEM.

g. THE PANEL SHALL BE CAPABLE OF DISCONNECTING ANY FLASHING OR IN-MOTION LIGHTING THAT MAY MAKE STROBES INEFFECTIVE.

h. PANEL SHALL HAVE AN INDEPENDENT 120V POWER SUPPLY DERIVED FROM A NORMAL OR EMERGENCY SOURCE SUPPLYING THE FLOOR, VIA A SEPARATELY INSTALLED FIRE ALARM FUSED DISCONNECT LOCKABLE IN THE "ON" POSITION CONNECTED TO THE ELECTRICAL SUPPLY IN ACCORDANCE WITH THE REQUIREMENT OF THE ELECTRICAL CODE OF THE STATE OF NEW YORK.

i. PROVIDE SMOKE DETECTOR ABOVE NEW STROBE PANEL IF THERE IS NO EXISTING SMOKE DETECTOR AT LOCATION OF NEW STROBE PANEL.

II. NEW FIRE ALARM SYSTEM WORK

A. STROBE LIGHT: PROVIDE 24VDC, STROBE LIGHTS (CANDELA TO BE SET AS INDICATED ON THE PLANS) TO BE FLUSH WALL MOUNTED AS INDICATED ON THE DRAWINGS. PROVIDE DEVICE WITH WHITE LENS AND THE WORD "FIRE" ENGRAVED IN RED. MOUNT DEVICES PER NFPA 72 OF 2016, THE ENTIRE LENS SHALL NOT BE LESS THAN 80" AND NOT GREATER THAN 96" A.F.F., NEW WALL MOUNTED FIRE ALARM STROBES SHALL MATCH EXISTING BUILDING FIRE ALARM STROBES AND BE WIRED TO THE EXISTING BUILDING FIRE ALARM SYSTEM ANNUNCIATION CIRCUITS IN TYPICAL "A-B" LOOPS. ALL NOTIFICATION CIRCUITS ARE TO BE SUPERVISED.

B. FIRE ALARM SPEAKERS: NEW WALL MOUNTED FIRE ALARM SPEAKERS SHALL MATCH EXISTING BUILDING FIRE ALARM SPEAKERS AND BE WIRED TO THE EXISTING BUILDING FIRE ALARM SYSTEM ANNUNCIATION CIRCUITS IN TYPICAL "A-B" LOOPS. ALL NOTIFICATION CIRCUITS ARE TO BE SUPERVISED.

C. COMBINATION SPEAKER/STROBE LIGHTS: PROVIDE WALL MOUNTED COMBINATION SPEAKER/STROBE LIGHTS IN LOCATION INDICATED ON THE DRAWINGS. PROVIDE DEVICE WITH WHITE LENS AND THE WORD "FIRE" ENGRAVED IN RED. MOUNT DEVICES PER NFPA 72 OF 2016, THE ENTIRE LENS SHALL NOT BE LESS THAN 80" AND NOT GREATER THAN 96" ABOVE FINISH FLOOR. SPEAKERS SHALL BE WIRED FROM THE EXISTING BUILDING FIRE ALARM SYSTEM ANNUNCIATION CIRCUITS IN TYPICAL "A-B" LOOPS. ALL NOTIFICATION CIRCUITS ARE TO BE SUPERVISED.

D. FAN SHUT DOWN: PROVIDE REQUIRED RELAYS FOR FAN SHUTDOWN IN ACCORDANCE WITH 2022 NYC MECHANICAL CODE SECTION 606.4, AND AS INDICATED ON DRAWINGS. COORDINATE RELAY REQUIREMENTS WITH MECHANICAL CONTRACTOR. FANS THAT WERE SHUTDOWN DURING SMOKE/FIRE CONDITION MUST NOT AUTOMATICALLY RE-START OR BE RE-ENERGIZED UPON RESET OF FIRE ALARM CONTROL PANEL. A MANUAL MEANS OF RESTARTING THE FANS OR FAN SYSTEM SHALL FUNCTION INDEPENDENTLY FROM THE MANUAL RESETTING OF EITHER THE AUTOMATIC FIRE DETECTING DEVICE OR FIRE ALARM SYSTEM. ALL DUCT DETECTORS SHALL BE PROVIDED WITH A REMOTE ALARM LED.

E. CONTRACTORS SHALL BE HELD RESPONSIBLE FOR CONTRACTING THE BUILDING FIRE ALARM SYSTEM VENDOR FOR ALL INTERCONNECTIONS OF NEW FIRE ALARM EQUIPMENT TO THE EXISTING BUILDING'S FIRE ALARM SYSTEM FOR REQUIRED MODULES, RELAYS, ADDITIONAL BATTERIES, ETC. NO EXTRAS WILL BE ALLOWED FOR FAILURE TO COORDINATE THE EXTENT OF FIRE ALARM WORK WITH THE BUILDING VENDOR.

F. ALL NEW EQUIPMENT SHALL BE BUILDING STANDARD DEVICES AND BE IN COMPLIANCE WITH ALL LOCAL CODES.

III. EXISTING AND/OR NEW FIRE ALARM SYSTEM WORK

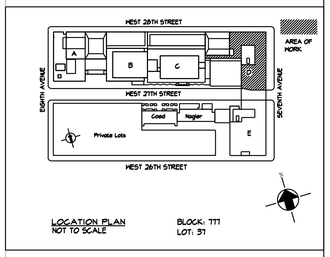
A. WHERE NEW HUNG CEILING INTERFERES WITH EXISTING FIRE ALARM EQUIPMENT OR IS LOCATED ON EXISTING CEILINGS/ WALLS TO BE DEMOLISHED, IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO NOTIFY BUILDING OWNER BEFORE REMOVING SUCH DEVICES AND PROVIDE SUITABLE TEMPORARY SUPPORT AND MAINTAIN CONTINUITY OF SERVICE TO SUCH EQUIPMENT.

B. THE BUILDING MUST BE NOTIFIED WHEN ANY ALARM DEVICE ON A FLOOR IS DISARMED TEMPORARILY FOR CONSTRUCTION OR WHEN DEVICES ARE TEMPORARILY PROTECTED FROM DUST DURING DEMOLITION.

C. ELECTRIC WIRING FOR CLASS "E" SYSTEMS FOR RELOCATION OF SMOKE DETECTORS, SPRINKLER FLOW SWITCHES TAMPER SWITCHES, ETC. SHALL BE APPROVED BY THE FIRE DEPARTMENT. CONTRACTOR MUST FILE FORM A-433 APPLICATION FOR ELECTRICAL INSPECTION WITH THE FIRE DEPARTMENT. A WRITE-OFF MUST BE GIVEN TO THE BUILDING MANAGER AT THE COMPLETION OF THE JOB. NO ADDITIONAL DETECTOR, SWITCHES, ETC. MAY BE INSTALLED, ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL FEES, INCLUDING NEW YORK FIRE DEPARTMENT INSPECTION.

WORKING HOURS NOTE

1. ALL WORK SHALL BE PERFORMED AT NIGHTIME, OR AT AN APPROVED TIME BY THE FIT CONSTRUCTION REPRESENTATIVE, WHILE CLASSES ARE NOT CONDUCTED AND/OR WHEN STUDENTS ARE NOT PRESENT.



LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31

NO.	DATE	REVISION
1	03/21/2025	ISSUED FOR BID

MEP Consultants
MG Engineering D.P.C.
116 West 32nd Street,
New York, NY, 10001

Environmental Consultants
EPM, Inc.
1983 Marcus Ave. Suite 109
Lake Sucess, NY 11042 / (516) 328-1194

Fashion Institute of Technology
227 West 27th Street
New York, NY 10001

David Smotrich & Partners LLP
Architects/Planers
443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:
FIRE ALARM
NOTES &
SPECIFICATIONS SHEET
DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	CTD
CHK BY:	WM
SCALE:	NTS
DWG No:	FA-602.00
CADD FILE:	DOB page: 14 OF 23

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NEW YORK CITY ENERGY CONSERVATION CODE
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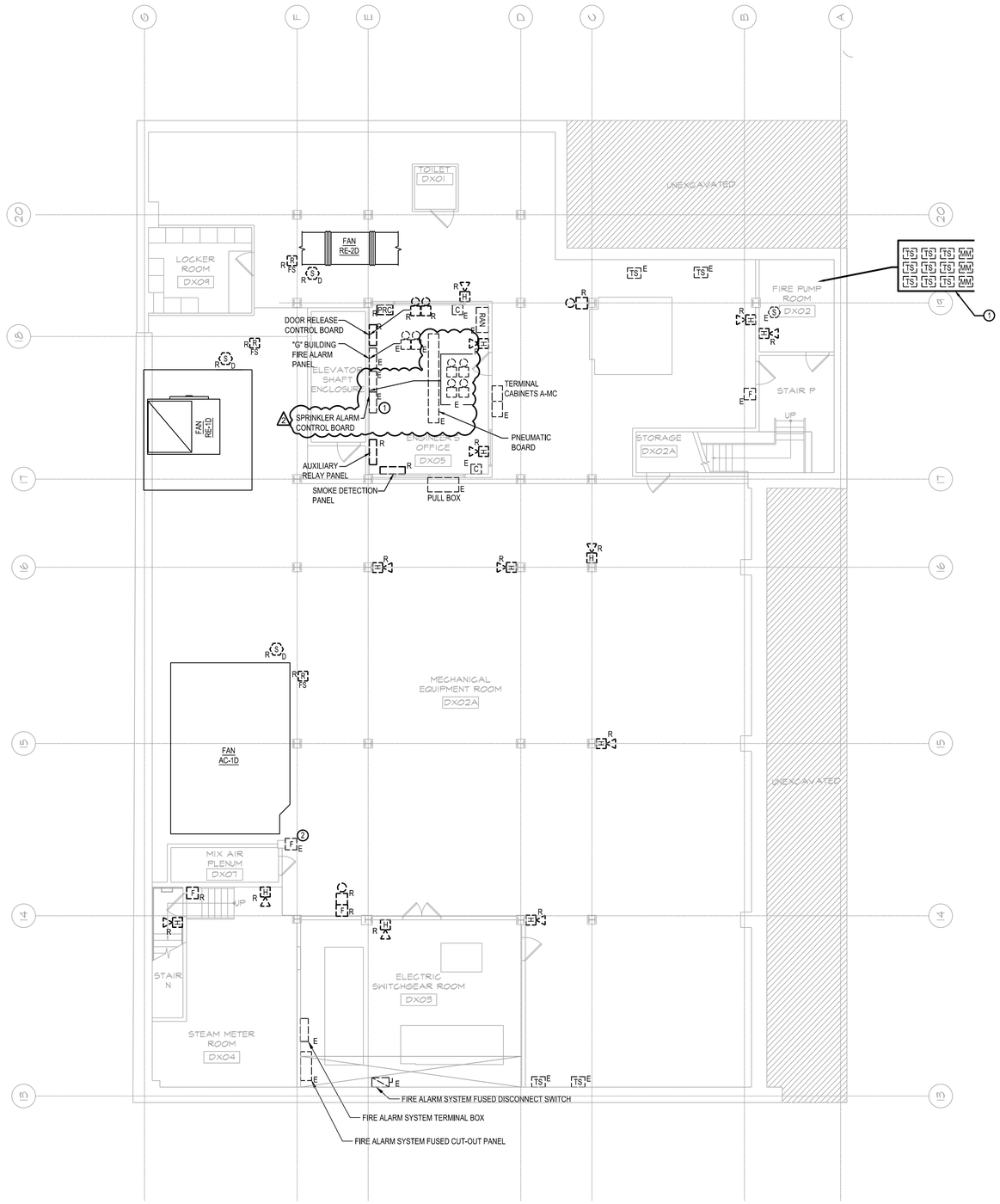

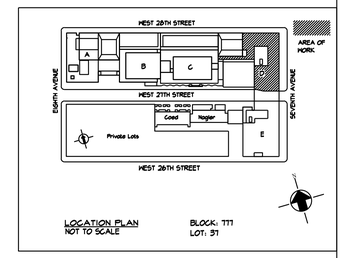

LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31

GENERAL NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES

1	CONTRACTOR TO VERIFY AND MAINTAIN OPERATION OF PNEUMATIC CONTROL SYSTEM. RELAYS AND CONTROLS OPERATING THE EXISTING ELECTRIC PNEUMATIC SWITCHES SHALL BE MAINTAINED AND OPERATED BY THE NEW FIRE ALARM SYSTEM.

NO.	DATE	REVISION
2	04/17/2025	ADDENDUM #2
1	03/21/2025	ISSUED FOR BID

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116 West 32nd Street,
New York, NY, 10001

Environmental Consultants
EPM, Inc.
1983 Marcus Ave. Suite 109
Lake Sucess, NY 11042 / (516) 328-1194

Fashion Institute of Technology
227 West 27th Street
New York, NY 10001

David Smotrich & Partners LLP
Architects/Planers
443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:

SUB-CELLAR FIRE ALARM DEMOLITION PLAN

DOB NOW JOB#

0 4' 8' 16'
SCALE: 1/8" = 1'-0"

NOT FOR CONSTRUCTION

NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE

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P 212.643.9055 www.mgedpc.net

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	3/32" = 1'-0"
DWG No:	FA-899.00
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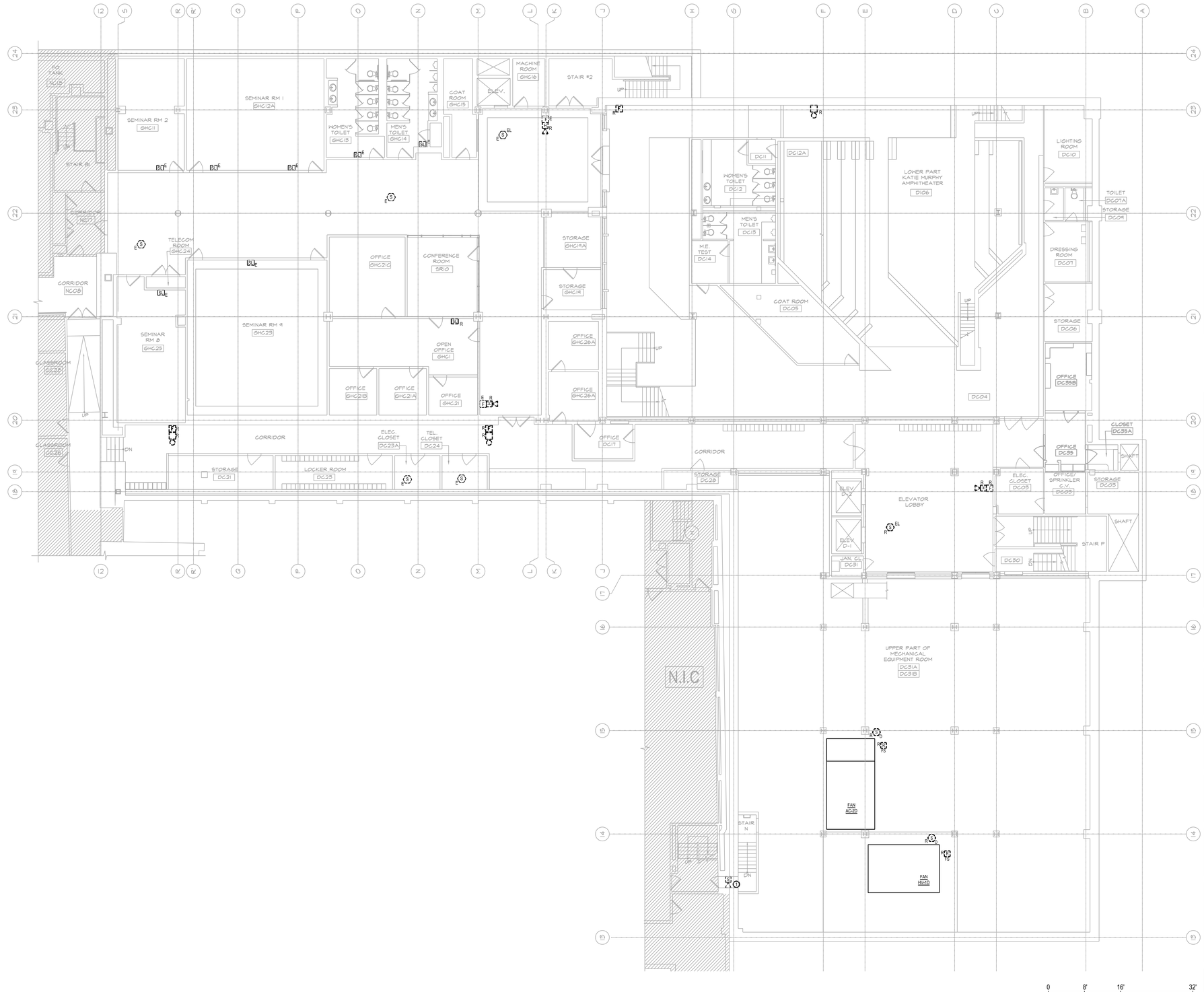

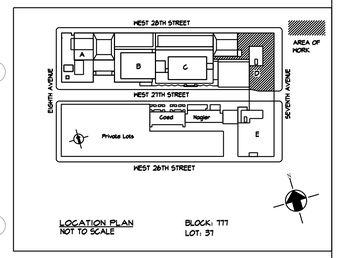

WORK NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES

0	EXISTING FELDMAN FIRE ALARM DEVICE LOCATED IN POMERANTZ. CONTRACTOR SHALL PROTECT THESE DEVICES DURING DEMOLITION AND CONSTRUCTION.

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1	03/21/2025	ISSUED FOR BID

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New York, NY, 10001

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EPM, Inc.
1983 Marcus Ave. Suite 109
Lake Sucess, NY 11042 / (516) 328-1194

Fashion Institute of Technology
227 West 27th Street
New York, NY 10001

David Smotrich & Partners LLP
Architects/Planers

443 Park Avenue South — New York, NY 10016
212 889 4045 — Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:

CELLAR FIRE ALARM DEMOLITION PLAN

DOB NOW JOB#

0 8' 16' 32'
SCALE: 3/32" = 1'-0"

NOT FOR CONSTRUCTION

NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE

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DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	3/32"=1'-0"
DWG No:	FA-900.00
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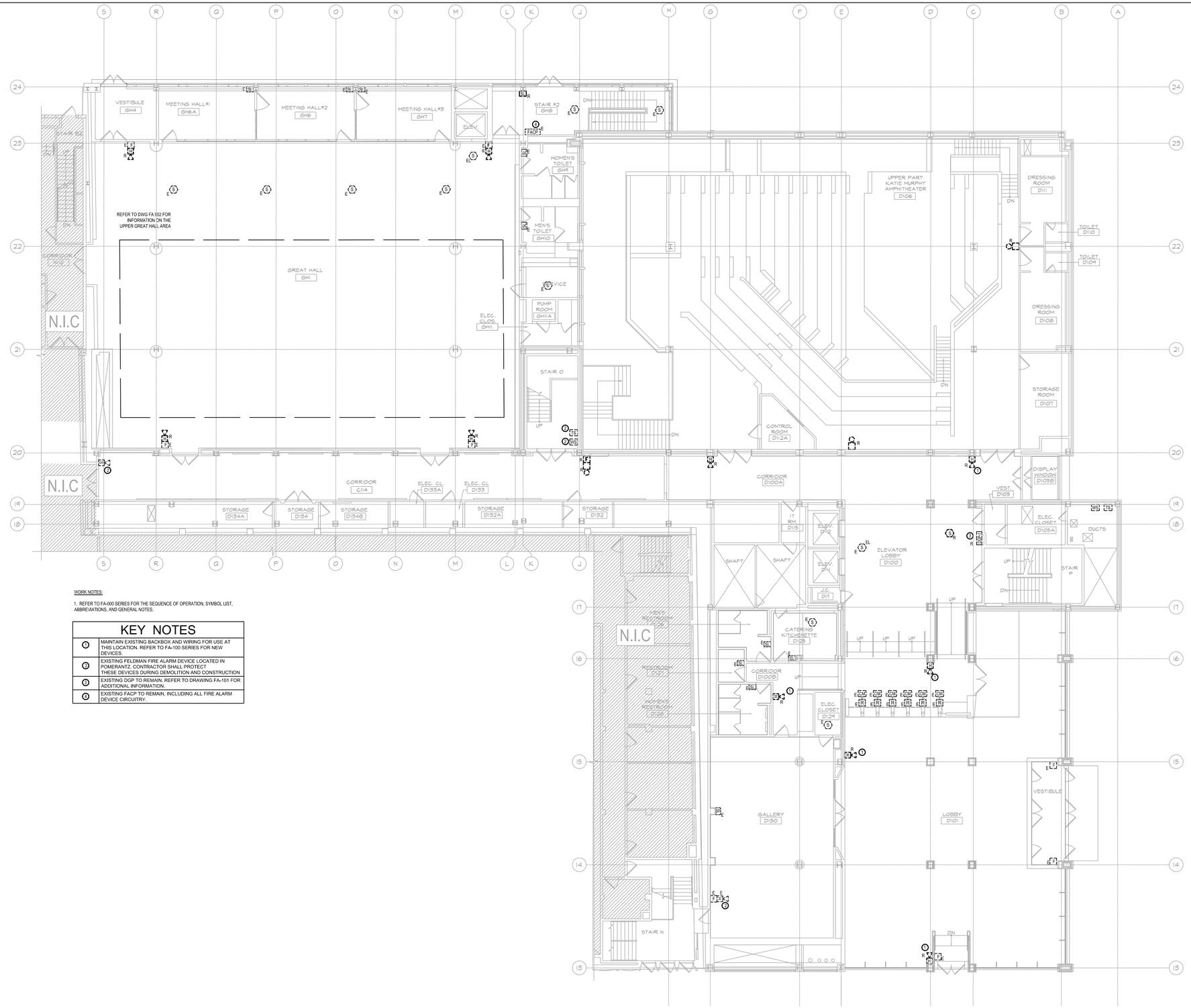
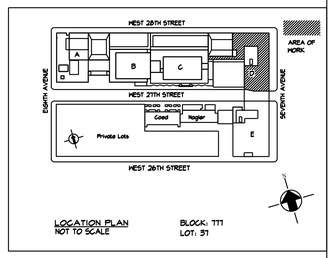


WORK NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES

1	MAINTAIN EXISTING BACKBOX AND WIRING FOR USE AT THIS LOCATION. REFER TO FA-100 SERIES FOR NEW DEVICES.
2	EXISTING FELDMAN FIRE ALARM DEVICE LOCATED IN POMERANTZ. CONTRACTOR SHALL PROTECT THESE DEVICES DURING DEMOLITION AND CONSTRUCTION.
3	EXISTING DGP TO REMAIN. REFER TO DRAWING FA-101 FOR ADDITIONAL INFORMATION.
4	EXISTING FACP TO REMAIN, INCLUDING ALL FIRE ALARM DEVICE CIRCUITRY.



LOCATION PLAN
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BLOCK: 777
LOT: 31

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EPM, Inc.
1983 Marcus Ave. Suite 109
Lake Sucess, NY 11042 / (516) 328-1194

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227 West 27th Street
New York, NY 10001

David Smotrich & Partners LLP
Architects/Planers

443 Park Avenue South — New York, NY 10016
212 889 4045 — Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:

1ST FLOOR FIRE ALARM DEMOLITION PLAN

DOB NOW JOB#

0 8' 16' 32'
SCALE: 3/32" = 1'-0"

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DRAWING BY:	DG
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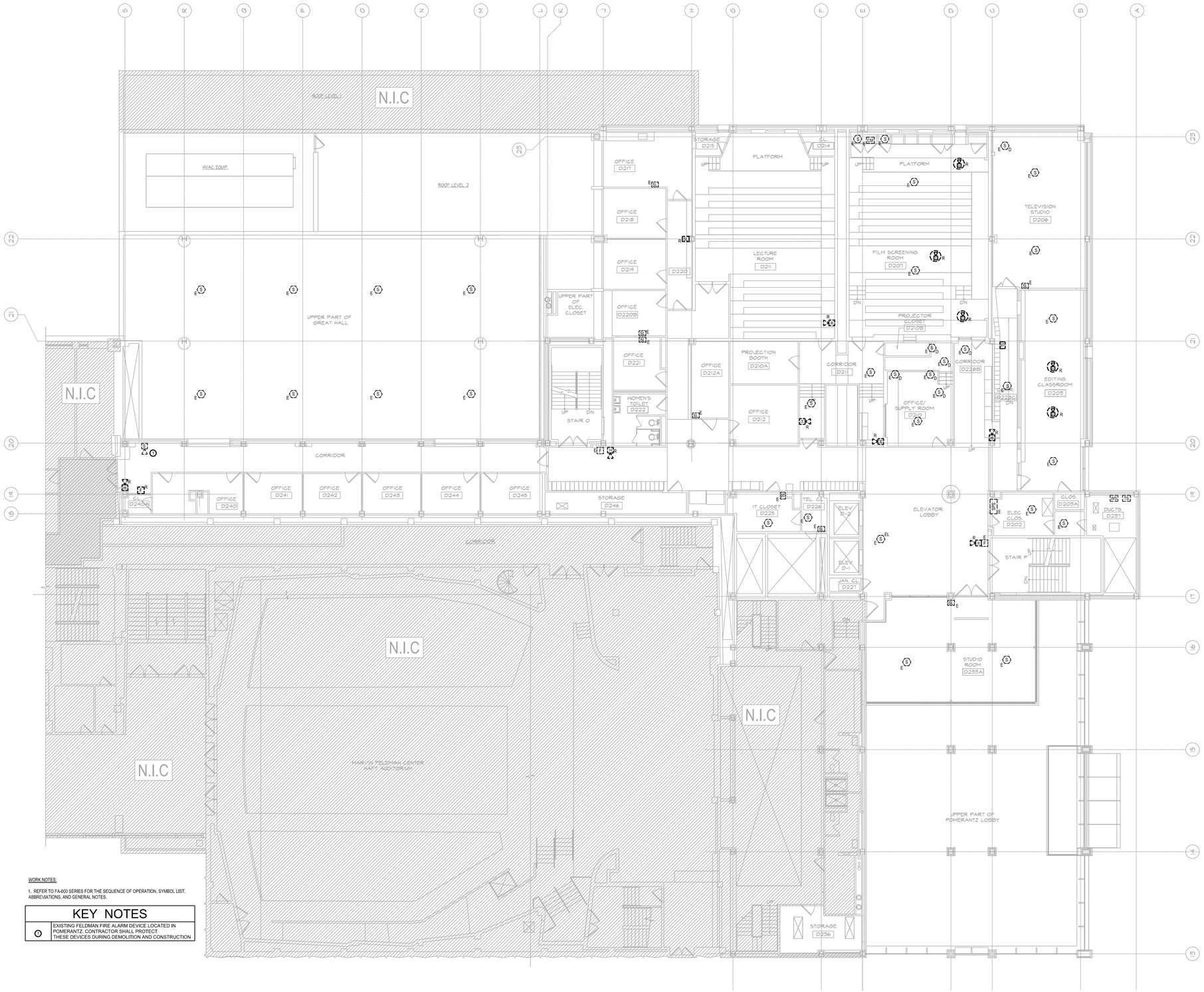
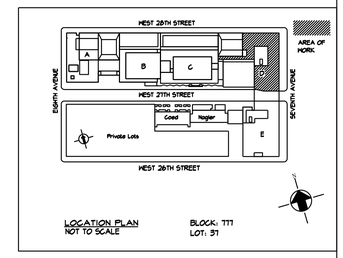
SCALE:	3/32"=1'-0"
DWG No:	FA-901.00
CADD FILE:	DOB page: 17 OF 23





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WORK NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES

1	EXISTING FELDMAN FIRE ALARM DEVICE LOCATED IN POMERANTZ. CONTRACTOR SHALL PROTECT THESE DEVICES DURING DEMOLITION AND CONSTRUCTION.

SCALE: 3/32" = 1'-0"

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116 West 32nd Street,
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Environmental Consultants
EPM, Inc.
1983 Marcus Ave. Suite 109
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PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

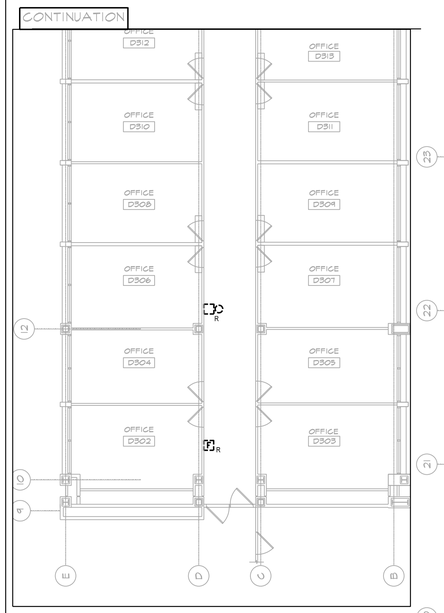
DRAWING TITLE:

2ND FLOOR FIRE ALARM DEMOLITION PLAN

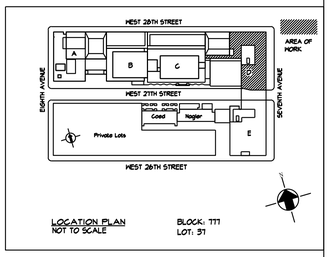
DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	3/32"=1'-0"
DWG No:	FA-902.00
CADD FILE:	DOB page: 18 OF 23



1 3RD FLOOR CONTINUATION PART PLAN



WORK NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES	
1	EXISTING FELDMAN FIRE ALARM DEVICE LOCATED IN POMERANTZ. CONTRACTOR SHALL PROTECT THESE DEVICES DURING DEMOLITION AND CONSTRUCTION

NO.	DATE	REVISION
1	03/21/2025	ISSUED FOR BID

MEP Consultants
MG Engineering D.P.C.
116 West 32nd Street,
New York, NY, 10001

Environmental Consultants
EPM, Inc.
1983 Marcus Ave. Suite 109
Lake Sucess, NY 11042 / (516) 328-1194

Fashion Institute of Technology
227 West 27th Street
New York, NY 10001

David Smotrich & Partners LLP
Architects/Planers
443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:

3RD FLOOR FIRE ALARM DEMOLITION PLAN

DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	3/32"=1'-0"
DWG No:	FA-903.00
CADD FILE:	DOB page: 19 OF 23

NOT FOR CONSTRUCTION

SCALE: 3/32" = 1'-0"

NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE

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NEW YORK CITY ENERGY CONSERVATION CODE

EXEMPTION WHEN COMPLIANCE WITH FIRE PROTECTION, DETECTION, ALARM AND/OR SUPPRESSION REQUIREMENTS OF TITLE 28 AND/OR THE 2022 NEW YORK CITY CONSTRUCTION CODES CONFLICTS WITH 2020 NYCECC COMPLIANCE, THE TITLE 28 AND/OR 2014 CONSTRUCTION CODES SAFETY PROVISIONS WILL TAKE PRECEDENCE OVER CONFLICTING PROVISIONS IN 2020 NYCECC.

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P 212.643.9055
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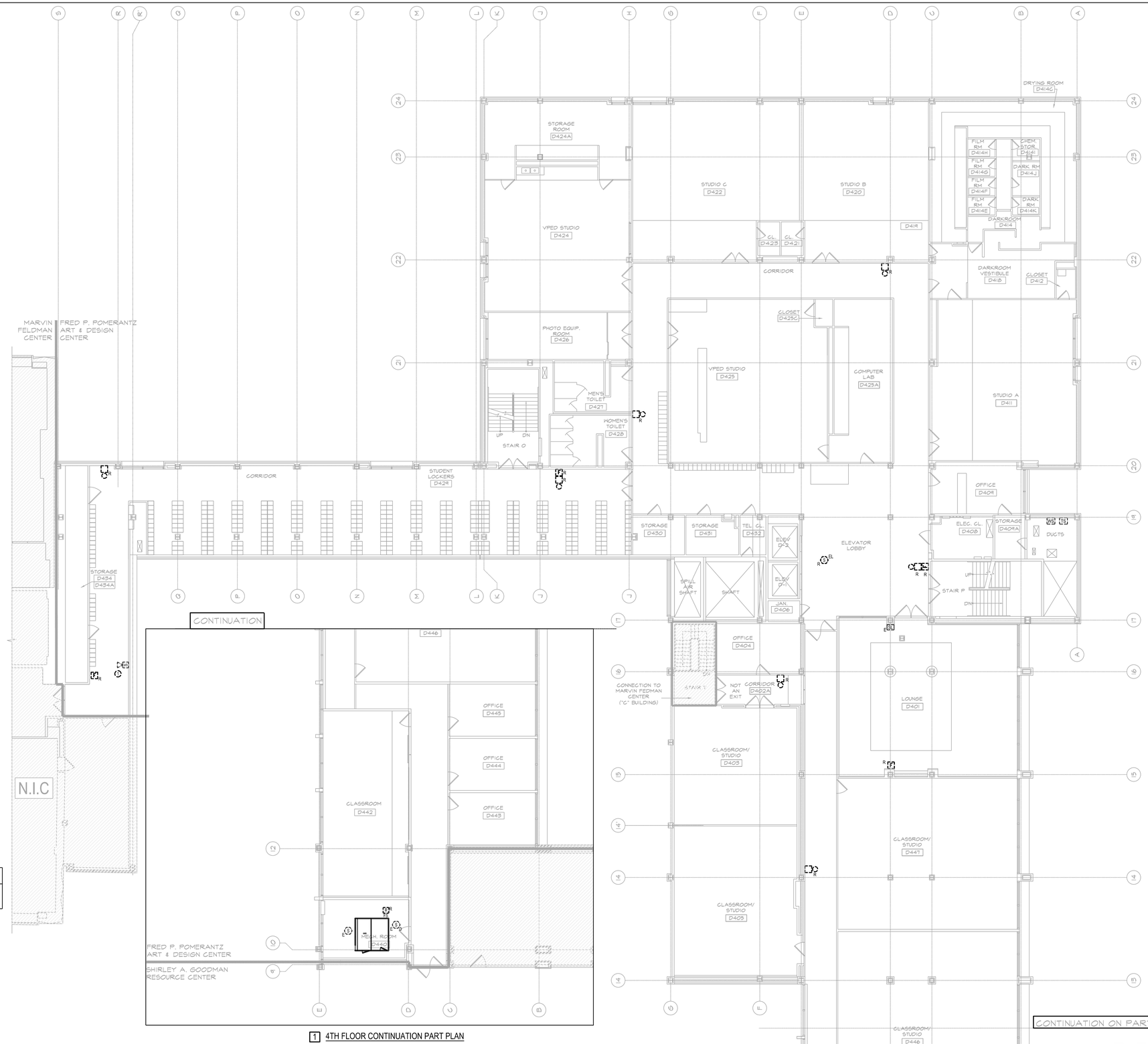
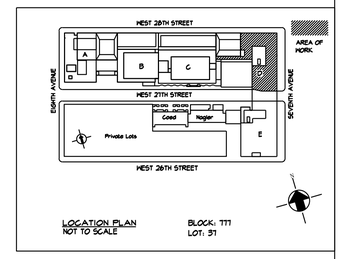


1 4TH FLOOR CONTINUATION PART PLAN



LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 37

WORK NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES	
1	EXISTING FELDMAN FIRE ALARM DEVICE LOCATED IN POMERANTZ. CONTRACTOR SHALL PROTECT THESE DEVICES DURING DEMOLITION AND CONSTRUCTION

0 8' 16' 32'
SCALE: 3/32" = 1'-0"

NOT FOR CONSTRUCTION

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227 West 27th Street
New York, NY 10001

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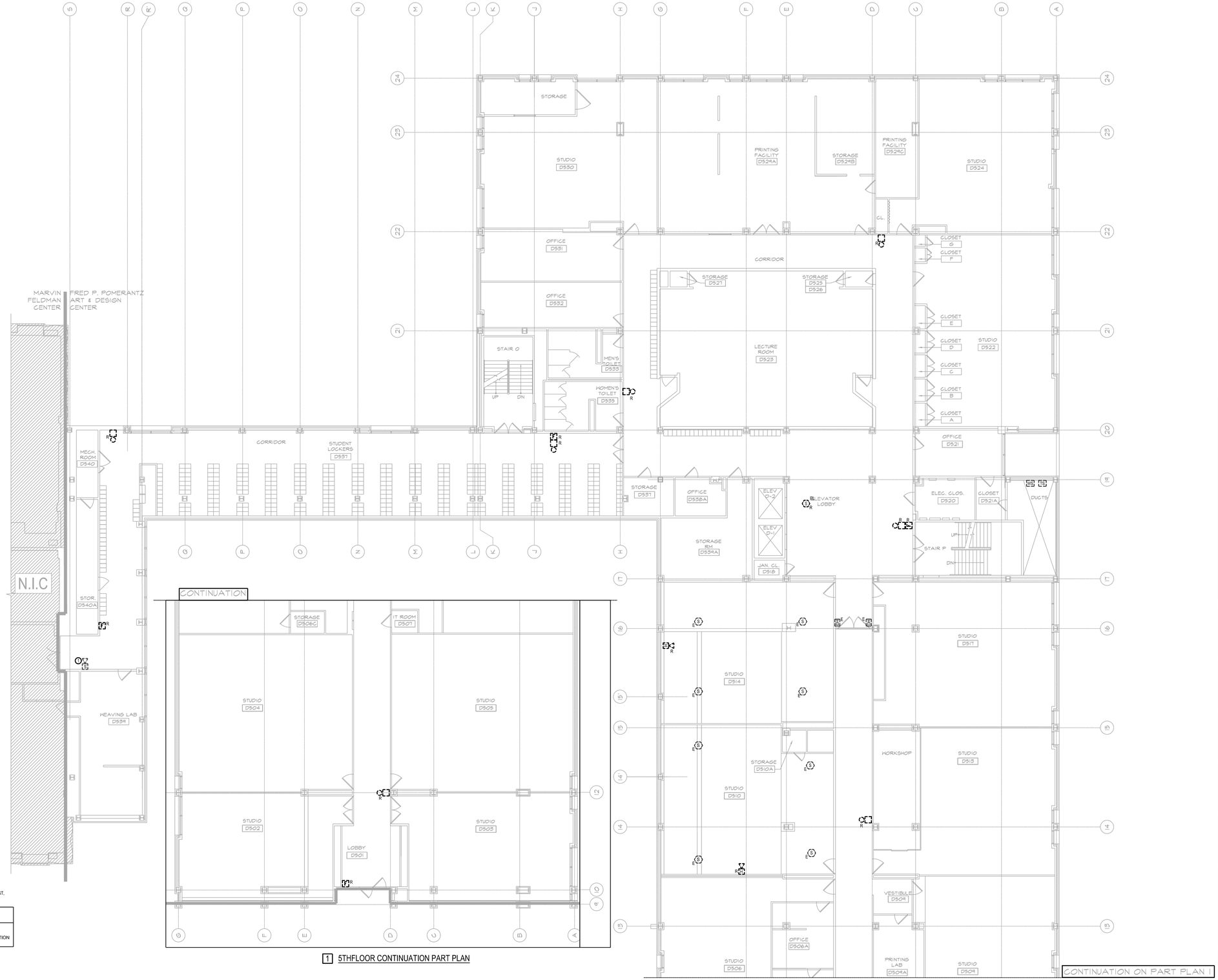
Architects/Planers
443 Park Avenue South New York, NY 10016
212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

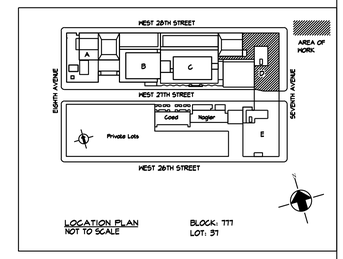
DRAWING TITLE:
4TH FLOOR FIRE ALARM DEMOLITION PLAN
DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	3/32"=1'-0"
DWG No:	FA-904.00
CADD FILE:	DOB page: 20 OF 23



1 5THFLOOR CONTINUATION PART PLAN



LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31

WORK NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES	
0	EXISTING FELDMAN FIRE ALARM DEVICE LOCATED IN POMERANTZ. CONTRACTOR SHALL PROTECT THESE DEVICES DURING DEMOLITION AND CONSTRUCTION

0 8' 16' 32'
SCALE: 3/32" = 1'-0"

NOT FOR CONSTRUCTION

NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE

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212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:
5TH FLOOR FIRE ALARM DEMOLITION PLAN
DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
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DWG No:	FA-905.00
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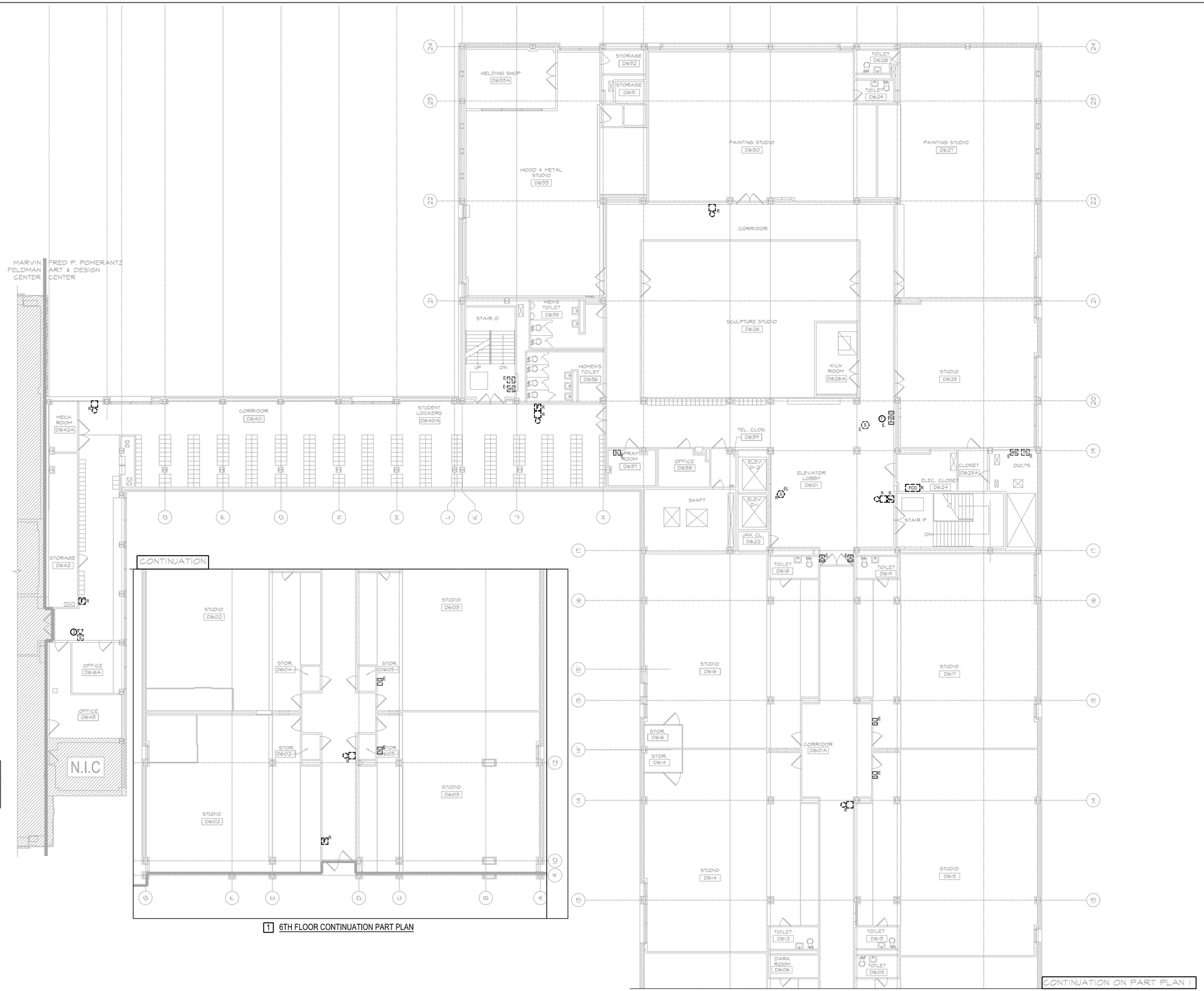
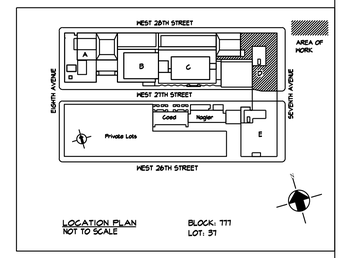


1 6TH FLOOR CONTINUATION PART PLAN



LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31

WORK NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES	
1	EXISTING DGP TO REMAIN. REFER TO DRAWING FA-106 FOR ADDITIONAL INFORMATION.
2	EXISTING FELDMAN FIRE ALARM DEVICE LOCATED IN POMERANTZ. CONTRACTOR SHALL PROTECT THESE DEVICES DURING DEMOLITION AND CONSTRUCTION

0 8' 16' 32'
SCALE: 3/32" = 1'-0"

NOT FOR CONSTRUCTION

NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE

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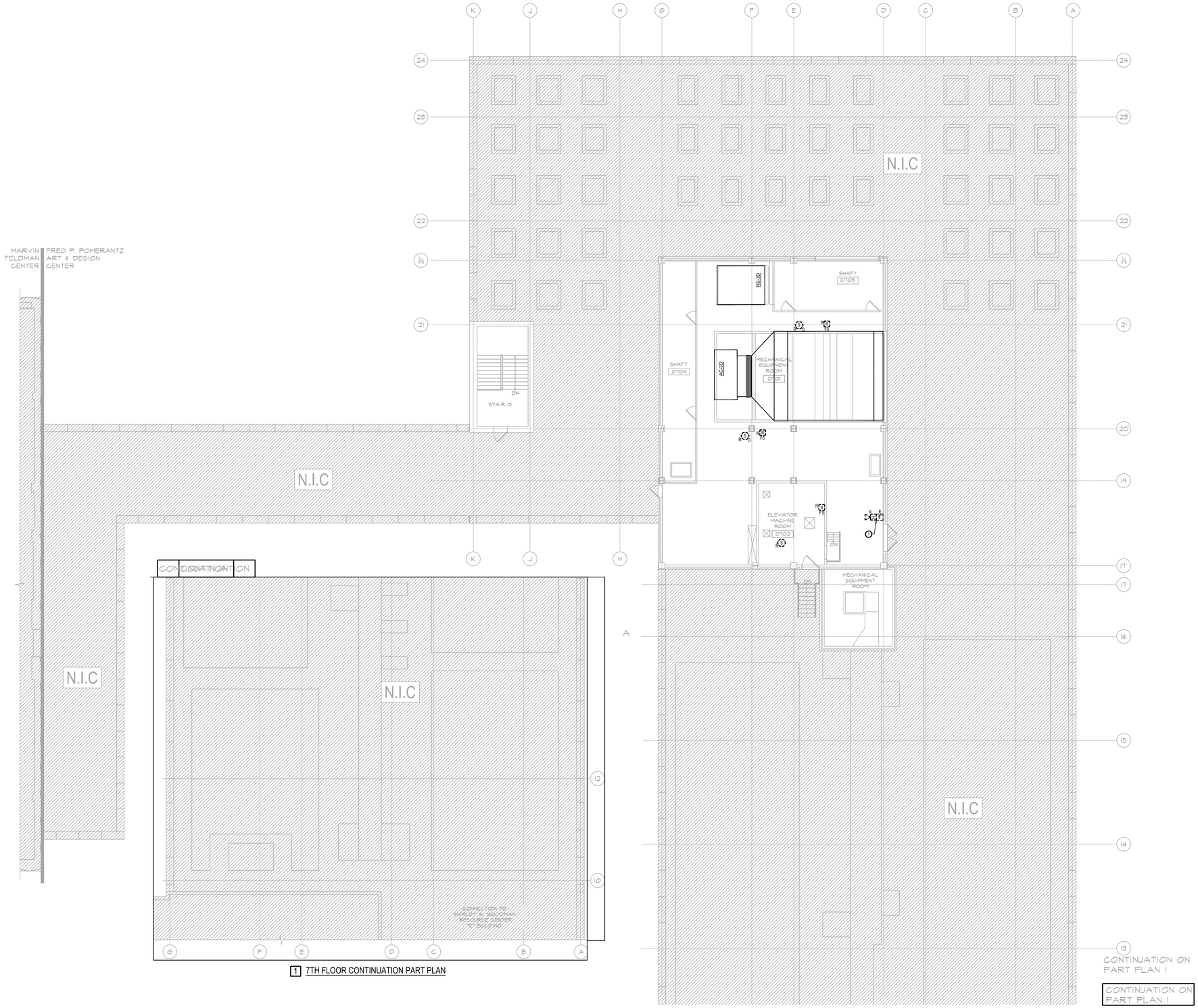
212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

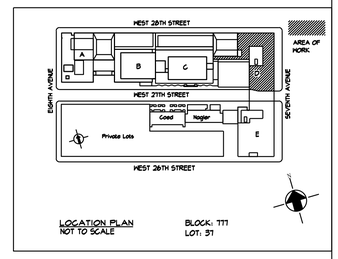
DRAWING TITLE:
6TH FLOOR FIRE ALARM DEMOLITION PLAN
DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
DRAWING BY:	DG
CHK BY:	WM
SCALE:	3/32"=1'-0"
DWG No:	FA-906.00
CADD FILE:	DOB page: 22 OF 23



1 7TH FLOOR CONTINUATION PART PLAN



LOCATION PLAN
NOT TO SCALE

BLOCK: 777
LOT: 31

WORK NOTES:

1. REFER TO FA-000 SERIES FOR THE SEQUENCE OF OPERATION, SYMBOL LIST, ABBREVIATIONS, AND GENERAL NOTES.

KEY NOTES	
1	THESE DEVICES ARE PROVIDED UNDER A SEPARATE SCOPE (FILM AND MEDIA PROJECT). CONTRACTOR SHALL COORDINATE THIS SCOPE OF WORK WITH THAT PROJECT.

0 8' 16' 32'
SCALE: 3/32" = 1'-0"

NOT FOR CONSTRUCTION

NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE

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212 889 4045 Fax 212 889 3672

PROJECT: POMERANTZ DESIGN CENTER
FIRE ALARM SYSTEM
300 7TH AVENUE NEW YORK, NY, 10001

DRAWING TITLE:

ROOF FLOOR FIRE ALARM DEMOLITION PLAN

DOB NOW JOB#

SEAL & SIGNATURE:

DATE:	03.21.2025
PROJECT No:	8969.74
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CADD FILE:	DOB page: 23 OF 23