

Seventh Avenue at 27 Street New York City 10001-5992 www.fitnyc.edu Purchasing Department 227 West 27<sup>th</sup> Street New York, NY 10001 Purchasing Dept. Tel. 212-217-3630 Purchasingbids@fitnyc.edu

#### **NOTICE TO ALL FIRMS**

Date: July 21, 2025

To: All Prospective Bidders

From: Candida Poinsette

Assoc. Director, Procurement Services

Re: Addendum Number 1

RFP C1672 - Feldman Center Waterside Economizer

Below, you will find answers to corresponding questions received during the RFI period for the project. Also, attached are modified drawings for: M-701.00, E-100.00, and E-601.00 Please acknowledge receipt of this addendum and include it with your proposal submission.

#### Questions/Answers

1. Who will move/replace the furniture in the classrooms and sewing machines on the eighth floor for the piping overhead work.

A: FIT staff will move all furniture/items on the eighth floor. The contractor is responsible for covering and protecting the furniture during construction.

2. The ceilings in the closets on 9,8th floor for the new pipe shaft are concealed, has it been confirmed that there is room for the new piping and insulation.

A: The contractor is responsible for removing the ceiling and reinstalling a new ceiling for all closets from the cellar to the 9<sup>th</sup> floor for the piping and electrical risers.

3. Does a structural scan need to be performed prior to making the core drilling or has it been performed already?

A: A structural scan has not been already performed. The contractor is responsible for structural scans prior to core drilling.

- 4. Will the concealed spline ceilings in the closet be removed? And who will demo and replace? A: See response on question #2.
- 5. What are the liquidated damages amount for this bid?

A: There are no liquidated damages

6. Is there a specific bid bond form required? If so, please forward

A: We do not provide a bid bond form. This is 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 document A310 with their bid from their bonding company.

7. Please confirm we can work normal work hours on weekends.

A: Refer to contact document Section III: Contract Terms and Conditions paragraph "Work Hours".

8. Is a project sign required?

A: Daily sign in is required for all workers. Refer to contract documents.

- 9. There is specification 230580 on Flow Meters yet none are shown please confirm none are required A: No flow meters are required for the project.
- 10. Are we replacing all the Glycol in the existing system? A: No.
- 11. We assume that the existing Glycol can be disposed down the house drains please confirm. A: The existing glycol should not be disposed; it should be recovered and stored to be reused.
- 12. Is there a warranty on the roof if so, please provide manufacturers name and type of roof. A: There is no warranty on the roof. Contractor is responsible for providing waterproof installation.
- 13. Drawing M102 does not indicate we are removing concrete Pads please confirm or clarify. A: See drawing M012 for demolition work. M102 is for new work.
- 14. On Drawing M701 the Dry Cooler Schedule some of the Notes are not applicable please update all the notes so there is no confusion.

A: See addendum for applicable dry cooler schedule notes.

15. I did not see a specification on the Dry Coolers please provide.

A: Dry coolers should meet all performances from the dry cooler schedule.

16. Are we responsible to remove the steel platform indicated on M012 for the existing Pumps and Filter Tank.

A: Yes, the contractor should remove everything as per drawing M012.

17. Please provide "P drawings or the plumbing scope available" A: No plumbing scope.

YOUR SIGNATURE BELOW WARRANTS THAT YOU UNDERSTAND THIS ADDENDUM AND THAT YOU HAVE MADE THE APPROPRIATE ADJUSTMENTS IN YOUR PROPOSAL AND CALCULATIONS.

Signature
Print Name and Title of Authorized Representative
Print Name of Company/Partnership/Individual
Date

					(	OUTDOOF	R UNIT - D	RY COOL	ER SCHE	DULE			LIEBERT AS	STANDARD	)					
GENE	ERAL DATA						5	SELECTION	DATA							ELE	CTRICAL D	ATA		
UNIT NO.	LOCATION	MODEL	MAX FLOW RATE (GPM)	WPD (FT-WT)	TOTAL HEAT REJECTION (MBH)	FANS QTY	EWT (F)	LWT (F)	EAT(F)	LAT (F)	TOTAL WEIGHT (LBS)	OPERATING CHARGE (GALLONS)	SUPPORT (LOCATION/ TYPE)	DIMENSION WxDxH (IN)	kW	FLA	MCA	MFS	V/PH/HZ	REMARKS
DC-2B & DC-3B	ROOF SEE DWGS	DNT 150Y68	150	41.9	1543.7	10	57	47.3	45	51	3797	65.67	FLOOR MTD ON ROOF	216x86x94	18	72	66.7	70	208/3/60	40% PROPYLENE GYLCOL
NOTES:																				

1 PROVIDE DIRECT DRIVE SUPPLY FAN

2 ALL SYSTEMS SHALL BE 40% PROPLYENE GLYCOL SOLUTION

3 PROVIDE DISCONNECT SWITCH PER DRY COOLER

				GLY	COL I	PUMP	SCHEE	DULE				"BELL AND GO	SSETT" AS	STANDARD
TAG No. SERVICE	LOCATION	WATER	TDH		MOTO	OR DATA		TYPE	EFFICIENCY	IMPELLER	NPSHR	MODEL NUMBER	OPERATING	REMARKS
TAG NO. SERVICE	LOCATION	FLOW	FT.	BHP	HP	RPM	V/PH/HZ	TIFL	%	SIZE	FT	WODEL NOWBER	WEIGHT	INLIVIATING
P-19B DC-2B&3B	10TH FLOOR MER	300	85	10.3	15	3600	208/3/60	BASE MOUNTED END	64.5	6.625	21.4	BG-E1510-2AD-SS-215T-S	341	PERFORMANCES
1-190 00-20000	TOTTI LOOK WILK	300	00	10.5	10	3000	200/3/00	SUCTION PUMP	04.5	0.020	21.7	BG-E 1310-2AB-33-2131-3	341	BASED ON PG 40%
P-20B DC-2B&3B	10TH FLOOR MER	300	85	10.3	15	3600	208/3/60	BASE MOUNTED END	64.5	6.625	21.4	BG-E1510-2AD-SS-215T-S	341	PERFORMANCES
1-20D   DC-2D&3D	TOTTI LOOK WILK	500	03	10.5	13	3000	200/3/00	SUCTION PUMP	04.5	0.023	۷1. <del>4</del>	DO-L 1310-2AD-33-2131-3	541	BASED ON PG 40%

NOTES

1. PROVIDE VFD FOR EACH PUMP.

2. PROVIDE PUMP SEQUENCER.

3. PROVIDE INERTIA BASE, 4"H CONCRETE PAD.

4. PROVIDE PIPING HOOK-UP AS PER DETAILS.

					CHIL	LED '	WATE	R PUMI	P SCHE	DULE				"BELL AND GO	DSSETT" AS	STANDARD
			WATER	TDH		N	/IOTOR D	ATA			EFFICIENCY	IMPELLER	NPSHR		OPERATING	
TAG No	SERVICE	LOCATION	FLOW	FT.	<sub>BHP</sub>	HP	RPM	V/PH/HZ	HOUSE	TYPE	%	SIZE	FT	MODEL NUMBER	WEIGHT	REMARKS
			GPM				1 (1 14)	<b>V</b> /// 1 /// 12	FRAME		,,,	DIAMETER			LBS	
P-17B	HX-7B	10TH FLOOR MER	230	60	5.21	7.5	3600	208/3/60	254T	CLOSE COUPLED END SUCTION PUMP	66.5	5.375	9.75	BG-E1531-200AD-184-SS	236	
P-18B	HX-8B	10TH FLOOR MER	230	60	5.21	7.5	3600	208/3/60	254T	CLOSE COUPLED END SUCTION PUMP	66.5	5.375	9.75	BG-E1531-200AD-184-SS	236	STAND-BY

NOTES:

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2. PROVIDE PUMP SEQUENCER.

3. PROVIDE INERTIA BASE, 4"H CONCRETE PAD.

4. PROVIDE PIPING HOOK-UP AS PER DETAILS.

					CLOS	ED EXPA	NSION TAI	NK SCHEI	DULE		BE	ELL & GOSS	ETT AS S	TANDARD				
UNIT NO.	LOCATION	SERVICE	SYSTEM	MODEL	HEIGHT [INCHES]	DIAMETER [INCHES]	ACTUAL TANK VOLUME [GALLONS]			MIN OPERATING TEMPERATURE [DEG F]	I DERAING	MAXIMUM WORKING TEMPERATURE [DEG F]	MIN OPERATING PRESSURE [PSIG]		MAX WORKING PRESSURE [PSIG]	TYPE OF MEMBRANE	SHIPPING WEIGHT [LBS]	REMARKS
ET-2B	10TH FLOOR MER	P-19B&20B	40% PG WATER	B50	24	14	240	4.44	11.03	40	90	240	12	30	125	BLADDER HEAVY DUTY BUTYL RUBBER	50	PRE CHARGED AT 12 PSIG

NOTES

1 PROVIDE SIGHT- GLASS

2 PROVIDE DESIGN AND CONSTRUCTION PER ASME, SECTION VIII, DIVISION 1

3 PROVIDE HEAVY DUTY BUTYL REPLACEABLE BLADDER.

4 PROVIDE TANK WITH RING BASE, LIFTING RINGS, AND NPT SYSTEM CONNECTION.

5 PROVIDE AN AIR CHARGING VALVE (STANDARD TYRE VALVE) TO ALLOW FOR ADJUSTING THE PRESSURE. 6 PROVIDE INTEGRATED BLADDER INTEGRITY MONITOR.

FOR WORKING HOURS AND SCHEDULE OF THE PROJECT REFER TO SECTION III CONTRACT TERMS AND CONDITIONS PARAGRAPH WORK HOURS AND PROJECT SCHEDULE. ALL WORK SHOULD BE COORDINATED WITH FIT AND THE CONTRACTOR SHALL SUBMIT EVERY WEEK THE TWO WEEKS LOOK AHEAD OF SCHEDULE TO FIT AND ENGINEER.

NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE

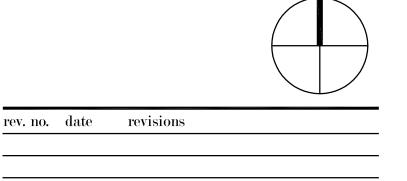
THIS PLAN IS APPROVED ONLY FOR WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON, OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

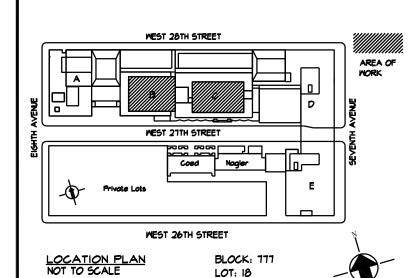
NEW YORK CITY ENERGY CONSERVATION CODE

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 NEW

YORK CITY ENERGY CONSERVATION CODE.







# Fashion Institute of Technology

BIN: 1014251

227 West 27th Street New York, NY 10001

MEP Consultants



Environmental Consultants **EPM, Inc.** 

983 Marcus Ave. Suite 109 Lake Success, NY 11042 / (516) 328-1194

Structural Consultants

Darius Toraby Architects P.C.

236 West 27th Street 1401 New York, NY 10001 / (212) 242-2955

PROJECT:

227 WEST 27TH STREET
NEW YORK, NY 10001
NEW WATERSIDE ECONOMIZER

C1672

DRAWING TITLE:

MECHANICAL SCHEDULES 1

DOB NOW JOB•

SEAL & SIGNATURE:

DATE: 06/16/2025

PROJECT No: 8969.63

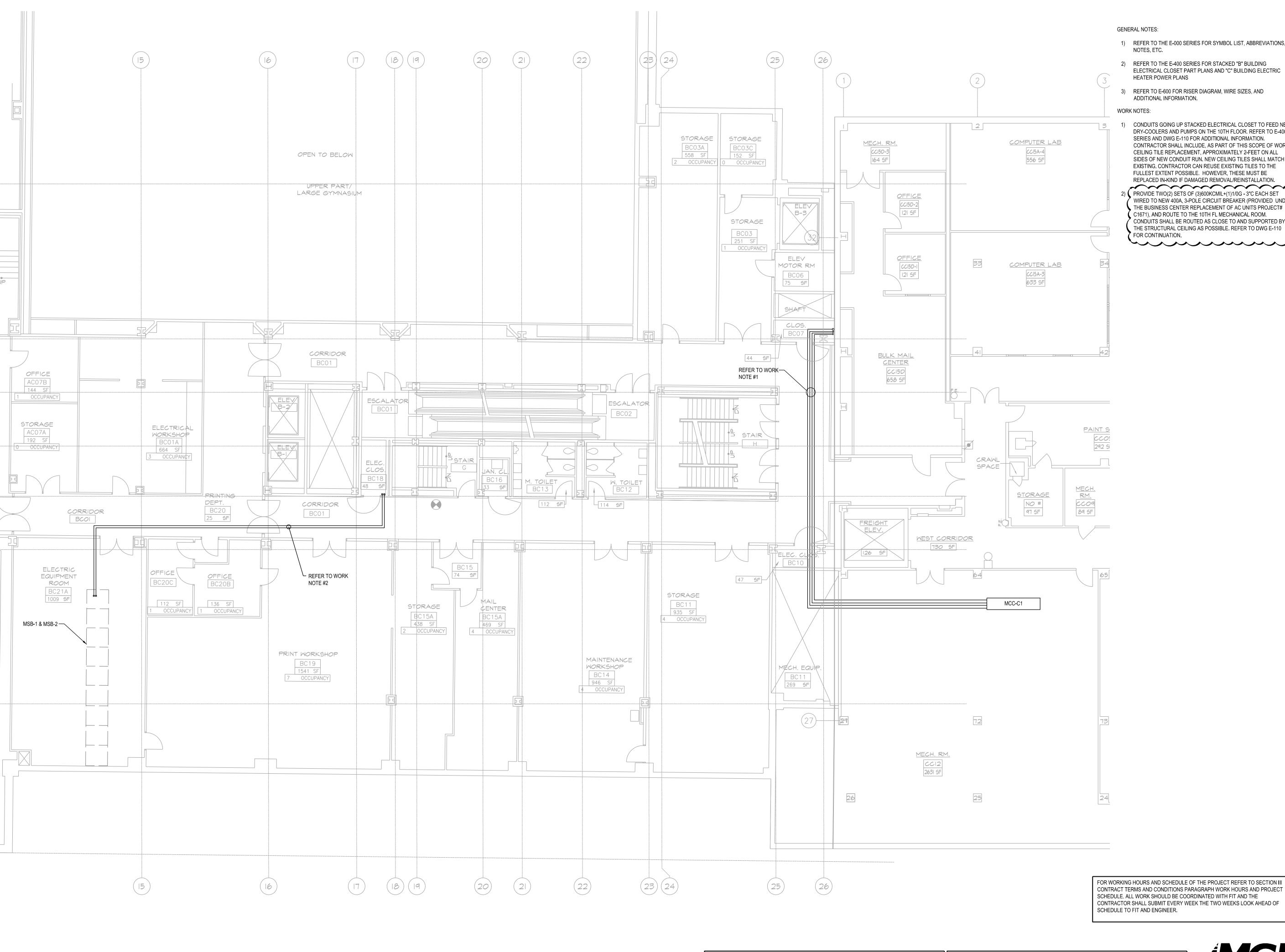
DRAWING BY: ASB

CHK BY: DNE

DWG No:

M-701.00

SCALE: NTS

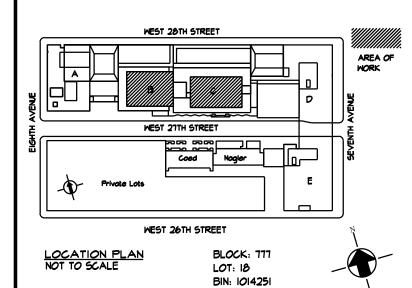


SCALE: 1/8" = 1'-0"

- 1) REFER TO THE E-000 SERIES FOR SYMBOL LIST, ABBREVIATIONS,
- 2) REFER TO THE E-400 SERIES FOR STACKED "B" BUILDING ELECTRICAL CLOSET PART PLANS AND "C" BUILDING ELECTRIC
- 3) REFER TO E-600 FOR RISER DIAGRAM, WIRE SIZES, AND
- CONDUITS GOING UP STACKED ELECTRICAL CLOSET TO FEED NEW DRY-COOLERS AND PUMPS ON THE 10TH FLOOR. REFER TO E-400 SERIES AND DWG E-110 FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL INCLUDE, AS PART OF THIS SCOPE OF WORK, CEILING TILE REPLACEMENT, APPROXIMATELY 2-FEET ON ALL SIDES OF NEW CONDUIT RUN. NEW CEILING TILES SHALL MATCH EXISTING. CONTRACTOR CAN REUSE EXISTING TILES TO THE FULLEST EXTENT POSSIBLE. HOWEVER, THESE MUST BE REPLACED IN-KIND IF DAMAGED REMOVAL/REINSTALLATION.  $\sim\sim\sim\sim\sim$
- PROVIDE TWO(2) SETS OF (3)600KCMIL+(1)1/0G 3"C EACH SET WIRED TO NEW 400A, 3-POLE CIRCUIT BREAKER (PROVIDED UNDER THE BUSINESS CENTER REPLACEMENT OF AC UNITS PROJECT# C1671), AND ROUTE TO THE 10TH FL MECHANICAL ROOM. CONDUITS SHALL BE ROUTED AS CLOSE TO AND SUPPORTED BY THE STRUCTURAL CEILING AS POSSIBLE. REFER TO DWG E-110

rev. no. date revisions

07/16/2025	ADDENDUM #1	



06/16/2025 ISSUED FOR BID

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Structural Consultants

Darius Toraby Architects P.C. 236 West 27th Street 1401 New York, NY 10001 / (212) 242-2955

PROJECT:

227 WEST 27TH STREET NEW YORK, NY 10001 NEW WATERSIDE ECONOMIZER

C1672

DRAWING TITLE:

CELLAR ELECTRICAL POWER PLAN

DOB NOW JOB.

SEAL & SIGNATURE:

06/16/2025 DATE: PROJECT No: 8969.63 DRAWING BY: DG CHK BY: WMA DWG No:

SCALE:1/8" = 1' - 0" | 3 OF 11

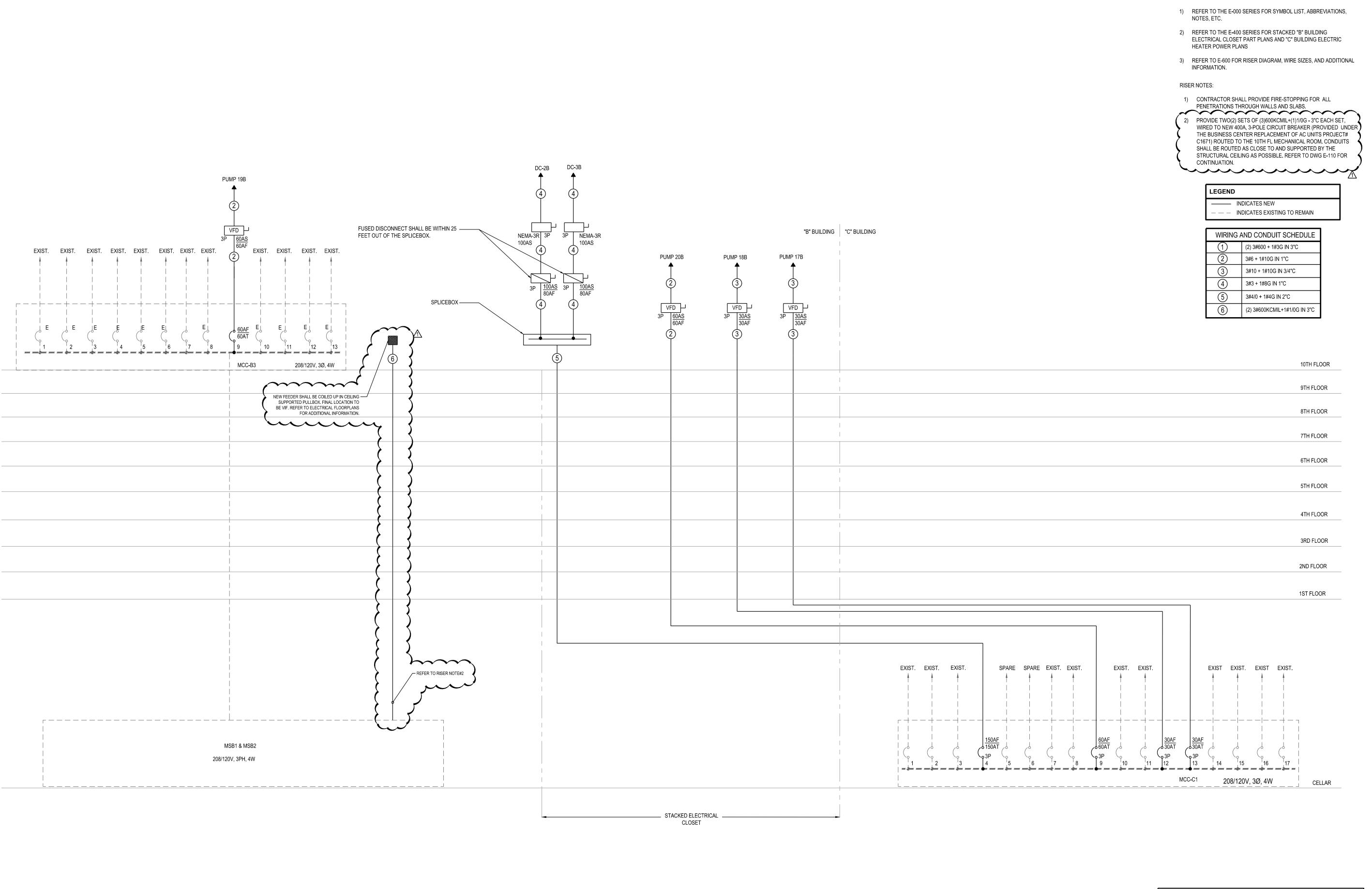
**NEW YORK CITY ENERGY CONSERVATION CODE NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE** THIS PLAN IS APPROVED ONLY FOR WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED

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WITH APPLICABLE CODES.

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 NEW YORK CITY ENERGY CONSERVATION CODE.

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



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GENERAL NOTES:

NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE

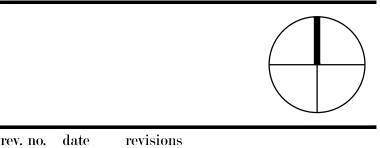
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NEW YORK CITY ENERGY CONSERVATION CODE

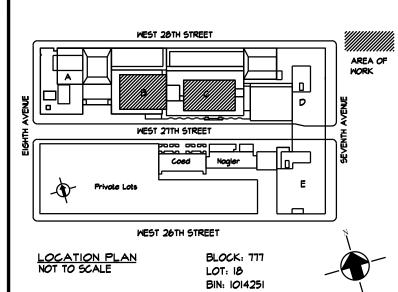
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06/16/2025 ISSUED FOR BID



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New York, NY 10001



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### Structural Consultants

Darius Toraby Architects P.C. 236 West 27th Street 1401 New York, NY 10001 / (212) 242-2955

PROJECT:

227 WEST 27TH STREET
NEW YORK, NY 10001
NEW WATERSIDE ECONOMIZER

## C1672

DRAWING TITLE:

ELECTRICAL RISER DIAGRAM

DOB NOW JOB:

SEAL & SIGNATURE:

DATE: 06/16/2025
PROJECT No: 8969.63
DRAWING BY: DG
CHK BY: WMA
DWG No:

E-601.00

SCALE:N.T.S