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NOTICE TO ALL FIRMS

Date: July 7, 2023

To: All Prospective Bidders

From: Sam Li

Deputy Director of Purchasing

Re: Addendum Number 4

IFB # C1576 - D442 Classroom Renovation

Notes:

Attached is the revised lighting plan, E-100, the information on this electrical drawing now matches the information shown on the revised A-400, which was issued to the Contractors in addendum 3. Also included in the attached are the Energy Drawings which will be part of the DOB filing set.

As these drawings do not change the scope of work, but are rather a clarification, we are not extending the bid due date. The bid due date will remain 7/11/2023, 12:00 PM. The bid must be emailed to purchasingbids@fitnyc.edu on or before 7/11/2023, 12:00 PM.

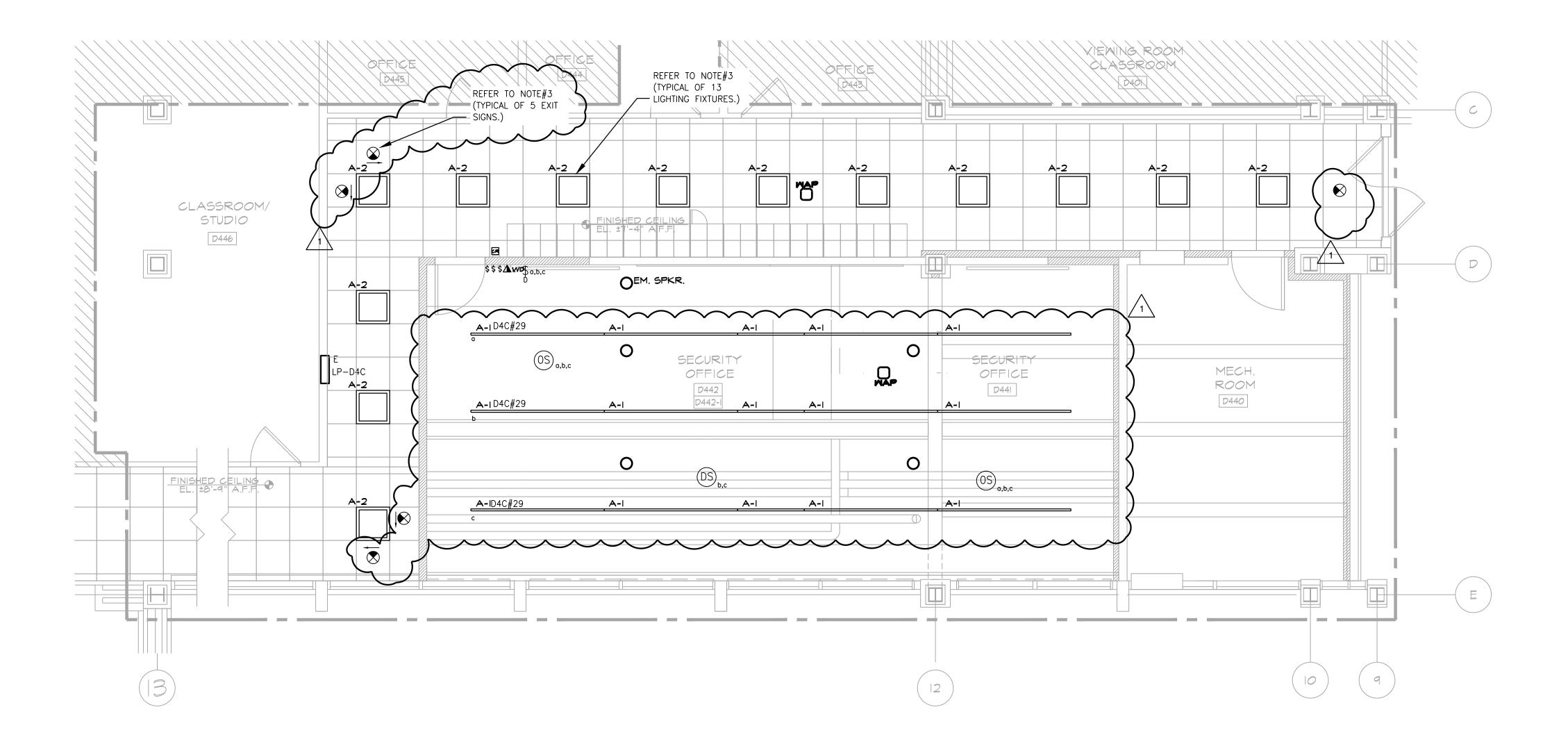
THIS ADDENDUM IS PART OF THE CONTRACT DOCUMENT AND SHALL BE INCLUDED WITH YOUR REQUEST FOR PROPOSAL SUBMITTAL. YOUR SIGNATURE BELOW WARRANTS THAT YOU UNDERSTAND THIS ADDENDUM AND THAT YOU HAVE MADE THE APPRORIATE ADJUSTMENTS IN YOUR PROPOSAL AND CALCULATIONS.

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

				L	AMP					
YPE	FIXTURE DESCRIPTION	MANUFACTURER	LAMP QUANT	MATTS	LAMP TYPE	TOTAL WATTS	VOLTAGE	CONTROL	MTG HEIGHT	COMMENTS
						\				
AI	HBeam 1.25 nb1.25XS	AML	15	7W/ linear foot	LED 3500K	756	UNV	0-10V DIM	8'-0" AFF	DIMMABLE, UP/DOWN LIGHT FEATURE INDIVIDUALLY CONTROLLED, 4 PRE-SET SETTINGS, SUSPENDED, WHITE FINISH, 8' & 4' LENGTHS HBI.25XS-S-36'-LOW-80-3500K -0/IOV/S-EXT-N-LOW-80-3500K- 0/IOV/S-EXT-SW-UNV-COMBO + EM AS NEEDED
A2	EZPAN LOW-PROFILE LED PANEL 2'X2' EDGE-LIT PANELS.	RAB	13	17W/ fixture	LED 4000K	204	120V 50/60Hz	0-10V DIM	+/- 7'-4" AFF	DIMMABLE, RECESSED DRYWALL MOUNTED, MATCH EXIST.
\otimes	UNO EDGELIT EXIT SIGN	ENCORE LIGHTING	5	2M/ fixture	LED	10	UNV		+/- 8'-2" AFF	CLG MOUNTED SINGLE FACE CLEAR

POWER NOTES:

- 1. REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL WIRING DEVICES.
- 2. CIRCUIT NUMBERS ARE INDICTED FOR GROUPING INTENT ONLY. THE ELECTRICAL CONTRACTOR SHALL REUSE EXISTING CIRCUIT BRANCH WIRING PREVIOUSLY FEEDING LIGHTING FIXTURES IN THE AREA.. ALL BRANCH CIRCUIT WIRING ORIGINATES IN A NEW 20A/1P CIRCUIT BREAKER IN PANEL INDICATED U.O.N. PROVIDE 2# 12 & 1# 12G-3/4"C. UON FOR BRANCH WIRING FEEDERS U.O.N. SPARE BRANCH CIRCUITS WILL BE PRODUCE FROM THE SCOPE OF THIS PROJECT. CONTRACTOR MAY UTILIZE EXISTING BRANCH CIRCUIT WIRING FOR INDICATED WORK WHERE FEASIBLE
- 3. CONTRACTOR SHALL UTILIZE EXISTING CONDUCTORS PRESENTLY ENERGIZING CORRIDOR LIGHTING. CONTRACTOR SHALL EXTEND EXISTING CONDUCTORS TO NEW LIGHTING FIXTURES. PROVIDE CONDUIT AND WIRE AS REQUIRED.



FOURTH FLOOR PART LIGHTING PLAN

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



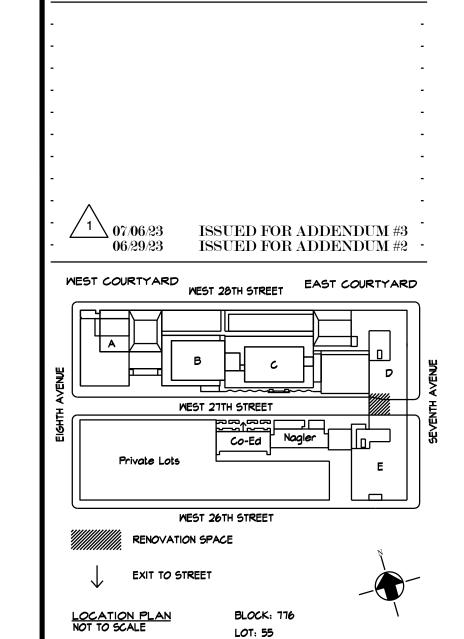
NEW YORK CITY BUILDING DEPARTMENT APPROVAL NOTE

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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.





rev. no. date revisions

Environmental Consultants EPM, Inc.

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D442 CLASSROOM RENOVATION POMERANTZ 300 7TH AVE NEW YORK NY 10001

DRAWING TITLE: ELECTRICAL 4TH FLOOR PART LIGHTING PLAN

DEPARTMENT OF BUILDING JOB #

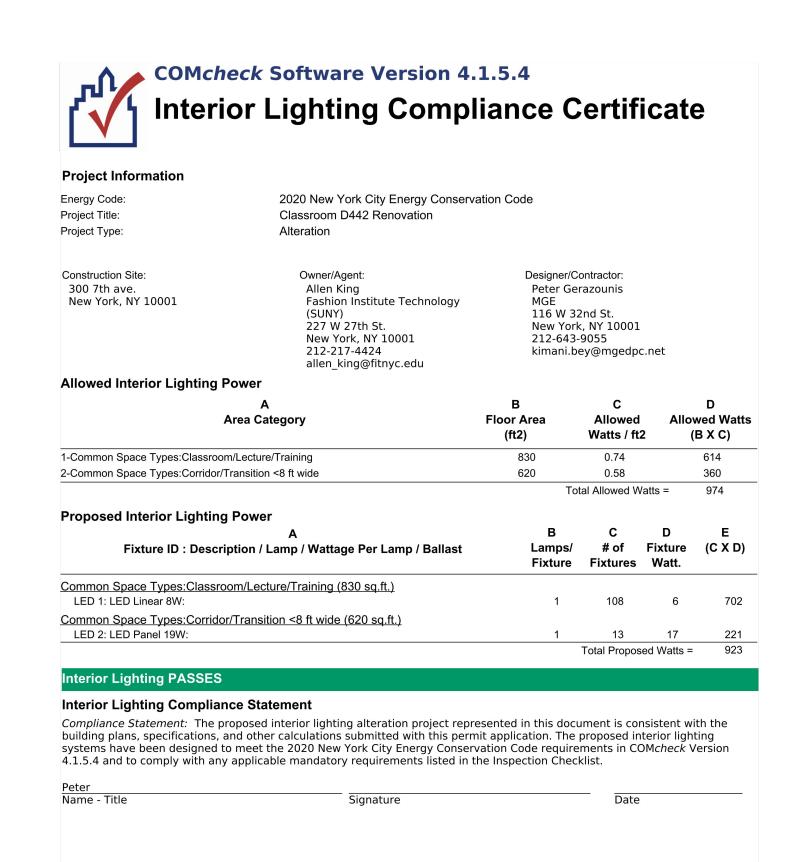
SEAL & SIGNATURE:

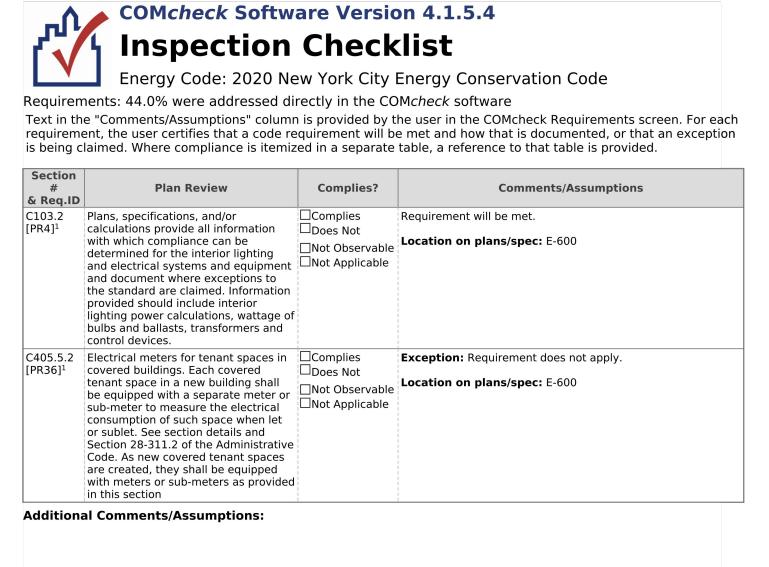
DATE: 06.07.2023 PROJECT No: 22320.3 DRAWING BY: AB

CHK BY: DN E-100.00

SCALE: NTS

ISSUED FOR ADDENDUM #3 07.06.2023

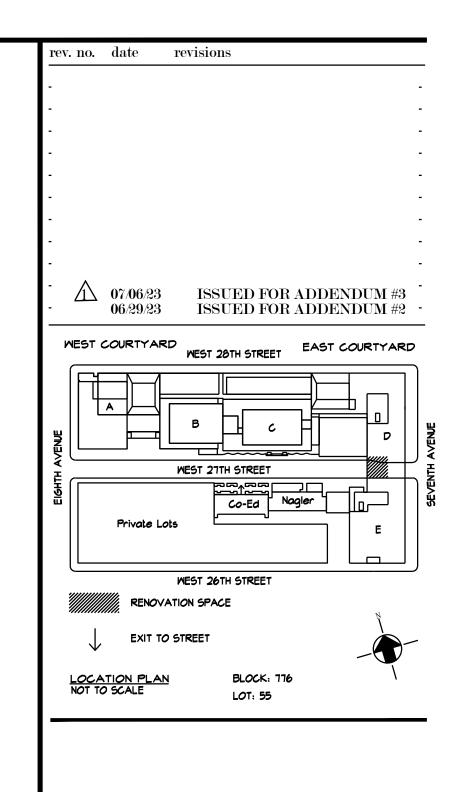




Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3, C405.2.3. 1,	Daylight zones provided with individual controls that control the lights independent of general area lighting within daylight zones in the following spaces: 1. Spaces with a total of more than 100 watts of general lighting within sidelit zones complying with Section C405.2.3.2. General lighting does not include lighting that is required to have specific application control in accordance with Section C405.2.4. 2. Spaces with a total of more than 100 watts of general lighting within toplit zones complying with Section C405.2.3.3. See code section C405.2.3.1 Daylight responsive control function and section	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met. Location on plans/spec: E-100
C405.2.4 Separate lighting control devices for specific uses installed per approved lighting plans.		□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met. Location on plans/spec: E-100
C405.2.4 [EL27] ¹	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met. Location on plans/spec: E-100
C405.1.1 [EL6] ¹	Internally illuminated exit signs do not exceed 5 watts per face.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met. Location on plans/spec: E-100
C405.6 [EL26] ²	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	□Complies □Does Not □Not Observable □Not Applicable	Exception: Requirement does not apply.
C405.7 [EL27] ²	Electric motors meet the minimum efficiency requirements of Tables C405.7(1) through C405.7(4). Efficiency verified through certification under an approved certification program or the equipment efficiency ratings shall be provided by motor manufacturer (where certification programs do not exist).	□Complies □Does Not □Not Observable □Not Applicable	Exception: Requirement does not apply. Location on plans/spec: E-200
C405.8.2, C405.8.2. 1 [EL28] ²			Exception: Requirement does not apply. Location on plans/spec: E-200
C405.9 [EL29] ²	Total voltage drop across the combination of feeders and branch circuits <= 5%.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Requirement will be met. Location on plans/spec: E-100, E-200

# & Req.ID	# Final Inspection Complie		Comments/Assumptions				
C303.3, C408.2.5. 2 [FI17] ³	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	□Complies □Does Not □Not Observable □Not Applicable					
C405.3.1 [FI18] ¹	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	□Complies □Does Not □Not Observable □Not Applicable	See the Interior Lighting fixture schedule for values.				
C408.1.1 [FI57] ¹	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating to owner how building, equipment and systems are intended to be installed, maintained, and operated.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.				
C408.3 [FI33] ¹	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met. Location on plans/spec: E-600				

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.2. 2 [EL22] ¹	Spaces required to have light-reduction controls have a manual control that allows the occupant to reduce the connected lighting load in a reasonably uniform illumination pattern >= 50 percent.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met. Location on plans/spec: E-100
C405.2.1, C405.2.1. 1 [EL18] ¹	Occupancy sensors installed in classrooms/lecture/training rooms, conference/meeting/multipurpose rooms, copy/print rooms, corridor/transition areas, lounges/breakrooms, enclosed offices, open plan office areas, restrooms, storage rooms, locker rooms, warehouse storage areas, janitorial closets, corridors/transition areas, dining areas, and other spaces <= 300 sqft that are enclosed by floor-to-ceiling height partitions. Reference section language C405.2.1.2 for control function in warehouses and section C405.2.1.3 for open plan office spaces, cafeteria dining areas, and fast food dining areas.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met. Location on plans/spec: E-100
C405.2.1. 2 [EL19] ¹	Occupancy sensors control function in warehouses: In warehouses, the lighting in aisleways and open areas is controlled with occupant sensors that automatically reduce lighting power by 50% or more when the areas are unoccupied. The occupant sensors control lighting in each aisleway independently and do not control lighting beyond the aisleway being controlled by the sensor.	□Complies □Does Not □Not Observable □Not Applicable	Exception: Requirement does not apply.
C405.2.1. 3 [EL20] ¹	Occupant sensor control function in open plan office areas: Occupant sensor controls in open office spaces >= 300 sq.ft. have controls 1) configured so that general lighting can be controlled separately in control zones with floor areas <= 600 sq.ft. within the space, 2) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space, 3) are configured so that general lighting power in each control zone is reduced by >= 80% of the full zone general lighting power within 20 minutes of all occupants leaving that control zone, and 4) are configured such that any daylight responsive control will activate space general lighting or control zone general lighting only when occupancy for the same area is detected.	□Complies □Does Not □Not Observable □Not Applicable	Exception: Requirement does not apply. Location on plans/spec: E-100
C405.2.2. 1,	Each area not served by occupancy sensors (per C405.2.1) have timeswitch controls and functions detailed in sections C405.2.2.1 and C405.2.2.2.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met. Location on plans/spec: E-100



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DRAWING TITLE: ENERGY COMPLIANCE 4TH FLOOR LIGHTING

COMPLAINCE REPORT

DEPARTMENT OF BUILDING JOB #

SEAL & SIGNATURE:

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

DATE: 06.07.2023 PROJECT No: 22320.3 DRAWING BY: KB CHK BY: DN EN-001.00

SCALE: NTS

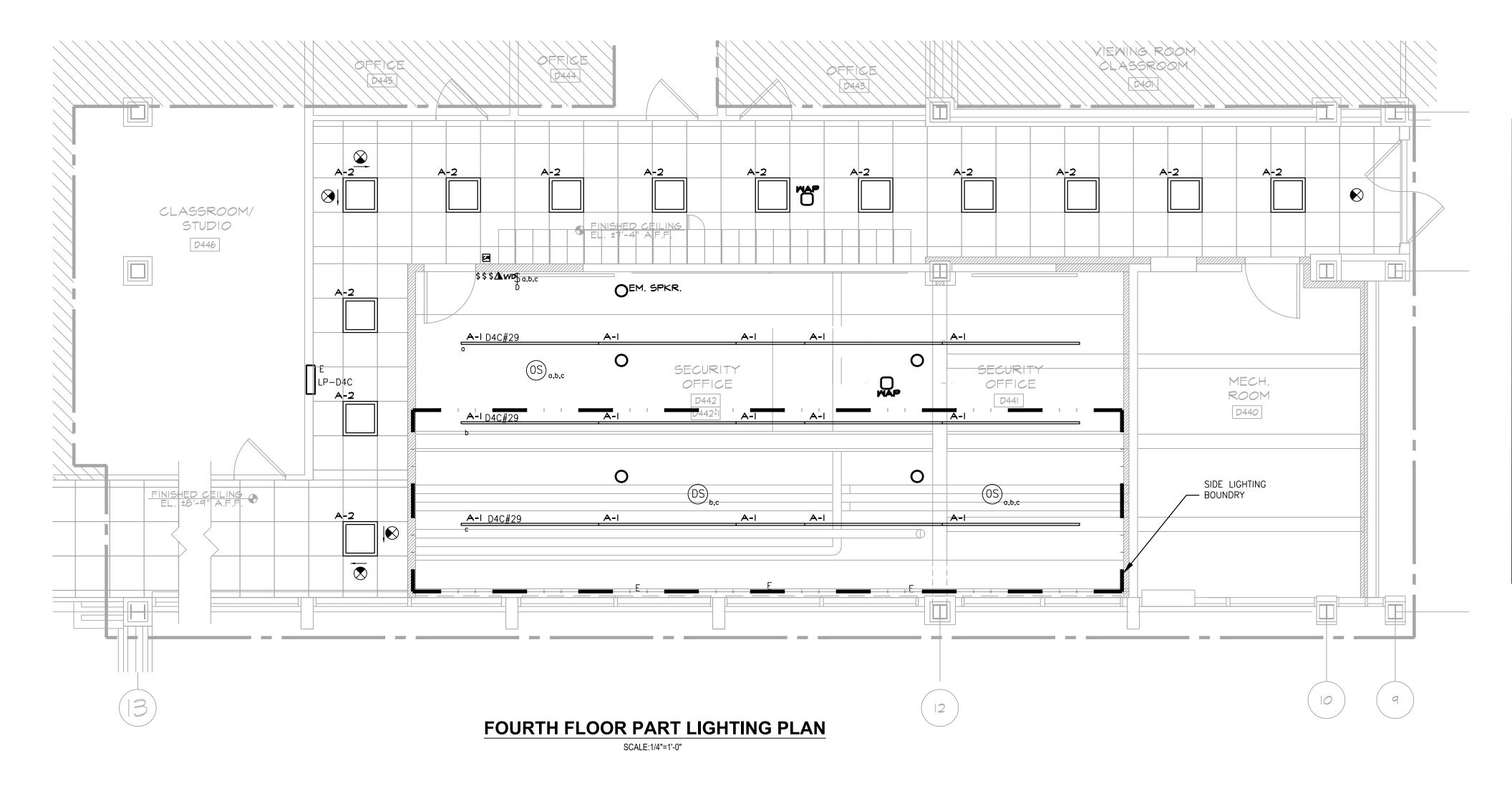
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TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 NEW YORK CITY ENERGY CONSERVATION CODE.

Additional Comments/Assumptions:

LIG	SHTING FIXTURE SCHEDULE									
			LAMP							
TYPE	FIXTURE DESCRIPTION	MANUFACTURER	LAMP QUANT	MATTS	LAMP TYPE	TOTAL WATTS	VOLTAGE	CONTROL	MTG HEIGHT	COMMENTS
Al	HBeam 1.25 nb1.25XS	AML	15	7W/ linear foot	LED 3500K	756	UN✓	0-10V DIM	8'-0" AFF	DIMMABLE, UP/DOWN LIGHT FEATURE INDIVIDUALLY CONTROLLED, 4 PRE-SET SETTINGS, SUSPENDED, WHITE FINISH, 8' & 4' LENGTHS HBI.25XS-S-36'-LOW-80-3500K -0/IOV/S-EXT-N-LOW-80-3500K- 0/IOV/S-EXT-SW-UNV-COMBO + EM AS NEEDED
A2	EZPAN LOW-PROFILE LED PANEL 2'X2' EDGE-LIT PANELS.	RAB	13	17M/ fixture	LED 4000K	221	120V 50/60Hz	0-10V DIM	+/- 7'-4" AFF	DIMMABLE, RECESSED DRYWALL MOUNTED, MATCH EXIST.
\otimes	UNO EDGELIT EXIT SIGN	ENCORE LIGHTING	5	2.2W/ fixture	LED	11	UN✓		+/- 8'-2" AFF	CLG MOUNTED SINGLE FACE CLEAR





SINGLE POLE SWITCH, LOWER CASE LETTER INDENTIFIES OUTLET(S) CONTROLLED, UPPER CASE LETTER AND OR NUMERAL INDICATES:

2 - DOUBLE POLE 3 - THREE WAY

4 - FOUR WAY P - WITH PILOT LIGHT

H - HORSEPOWER RATED WITH HASP FOR LOCK

K - KEY OPERATED D - DIMMER SWITCH

T - TIMER SWITCH

J - DOOR JAM SWITCH L - LOCKING - WITH HASP FOR LOCK

LV - LOW VOLTAGE

TS - THERMAL SWITCH OS - OCCUPANCY SENSOR SWITCH

VS - VACANCY SENSOR SWITCH

SS - SCENE SELECTOR OV - OVER-RIDE SWITCH

CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR

CEILING MOUNTED DUAL TECHNOLOGY VACANCY SENSOR

DAYLIGHT SENSOR

PHOTO-CELL

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MEP Consultant MGENGINEERING

rev. no. date revisions

⚠ 07.06/23 ISSUED FOR ADDENDUM #3 06/29/23 ISSUED FOR ADDENDUM #2

WEST COURTYARD
WEST 28TH STREET
EAST COURTYARD

WEST 26TH STREET

BLOCK: 776 LOT: 55

RENOVATION SPACE

EXIT TO STREET

116 West 32nd Street New York, NY 10001 / (212) 643-9898

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PART PLAN & FIXTURE SCHEDULE

DRAWING TITLE: ENERGY COMPLIANCE 4TH FLOOR LIGHTING

DEPARTMENT OF BUILDING JOB #

SEAL & SIGNATURE:

DATE: 06.07.2023 PROJECT No: 22320.3 DRAWING BY: KB CHK BY: DN

> EN-003.00 2 OF 2 SCALE: NTS

NEW YORK CITY ENERGY CONSERVATION CODE TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT,

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