

THE CITY OF NEW YORK
DEPARTMENT OF DESIGN AND CONSTRUCTION

DIVISION OF PUBLIC BUILDINGS

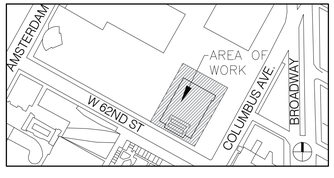
NEW YORK CITY BALLET ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY - 10023

ISSUED FOR BID
MARCH 20TH, 2026

SCOPE OF WORK

THIS PROJECT CONSISTS OF A ROOF RECOVERY AND CONSISTS OF A NEW ROOF MEMBRANE, PARTIAL REPLACEMENT OF ASSEMBLY BELOW THE ROOF MEMBRANE, ROOF DRAINS, TWO NEW RTUS TO REPLACE THE EXISTING OUTDATED ONES IN KIND, GUARDRAILS TO REPLACE THE CURRENT RUSTED PERIMETER GUARDRAIL, AND THE INSTALLATION OF NEW SOLAR PANELS ON THE MAIN AND PENTHOUSE ROOF LEVELS. THE SCOPE WILL REQUIRE ADDITIONAL ELECTRICAL, STRUCTURAL, AND MECHANICAL WORK TO SUPPORT THE GUARDRAILS, RTUS, AND PV ARRAYS.



FMS ID Number	PV475ROOF
Project Title	NYC Ballet Roof Replacement
Project Location	20 Lincoln Center Plaza New York, NY 10023
Borough	Manhattan
Sponsor Agency	Department of Cultural Affairs (DCLA)
Sponsor Agency	Department of Citywide Administrative Services (DCAS)

Accepted for bid purposes:

Deputy Commissioner of Public Buildings: Signature 03/20/26 Date

Program Director: Signature 03/20/26 Date

ARCHITECT:

NANDINEE PHOOKAN ARCHITECTS PC

45 MAIN STREET, SUITE #620,
BROOKLYN, NY 11201
P: 718 643 9500

REGISTERED ARCHITECT NANDINEE PHOOKAN 025226 STATE OF NEW YORK

ARCHITECTURAL:

T-001.00	COVER SHEET
G-001.00	GENERAL INFORMATION
EX-100.00	EXISTING SUB-CELLAR MEZZANINE PLAN, FIFTH FLOOR PLAN, & PHOTOGRAPHS
EX-101.00	EXISTING ROOF PLAN & PHOTOGRAPHS
DM-101.00	MAIN ROOF DEMOLITION PLAN
DM-102.00	PENTHOUSE ROOF DEMOLITION PLAN
DM-103.00	STAGE HOUSE DEMOLITION ROOF PLAN
A-001.00	SITE PLAN
A-101.00	PROPOSED MAIN ROOF PLAN
A-102.00	PROPOSED PENTHOUSE ROOF PLAN
A-103.00	PROPOSED STAGE HOUSE ROOF PLAN
A-111.00	PROPOSED MAIN ROOF- PV ARRAY
A-112.00	PROPOSED PENTHOUSE ROOF- PV ARRAY
A-201.00	ROOF SECTIONS
A-301.00	DETAILS & ROOF SECTIONS
A-302.00	DETAILS & ROOF SECTIONS
A-401.00	DETAILS & SCHEDULES

STRUCTURAL ENGINEER:

DRPILLA CONSULTING ENGINEERS

143 MAIN ST
NYACK, NEW YORK 10960
P: 845 727 7793

STRUCTURAL ENGINEERING:

S-001.00	TITLE SHEET
S-002.00	GENERAL NOTES AND DESIGN CRITERIA
S-100.00	MAIN PROPOSED ROOF PLAN
S-101.00	PENTHOUSE PROPOSED ROOF PLAN
S-102.00	STAGE HOUSE PROPOSED ROOF PLAN
S-201.00	RAILING DETAILS

HVAC ENGINEER:

AXON ENGINEERING SERVICES, LLC

222 OUTWATER LN, SUITE 3A
GARFIELD, NJ 07026
P: 917 509 6031

MECHANICAL ENGINEER:

M-001.00	MECHANICAL SYMBOLS, NOTES, ABBREVIATIONS, & SCHEDULES
M-002.00	MECHANICAL NOTES
DM-102.00	ROOF DEMOLITION PLAN - MECHANICAL
M-102.00	PROPOSED ROOF PLAN - MECHANICAL

PLUMBING/ELECTRICAL ENGINEER:

DOSE ENGINEERING, PLLC

15 W 38TH ST 4TH FLOOR, SUITE 736
NEW YORK, NY 10018
P: 646 715 2096

PLUMBING/ ELECTRICAL ENGINEERING:

P-001.00	PLUMBING SET COVER PAGE, DRAWING LIST, NOTES, SYMBOLS & ABBREVIATIONS
PD-101.00	PLUMBING MAIN ROOF DEMOLITION PLAN
PD-102.00	PLUMBING PENTHOUSE ROOF DEMOLITION PLAN
PD-103.00	PLUMBING STAGE HOUSE ROOF DEMOLITION PLAN
P-101.00	PLUMBING PROPOSED MAIN ROOF PLAN
P-102.00	PLUMBING PROPOSED PENTHOUSE ROOF PLAN
P-103.00	PLUMBING PROPOSED STAGE HOUSE ROOF PLAN
P-201.00	PLUMBING RISER DIAGRAM
P-601.00	PLUMBING DETAILS & SCHEDULE
E-001.00	ELECTRICAL SYMBOLS NOTES AND ABBREVIATIONS
DE-101.00	ELECTRICAL MAIN ROOF DEMOLITION PLAN
DE-102.00	ELECTRICAL PENTHOUSE ROOF DEMOLITION PLAN
E-101.00	ELECTRICAL SUB-CELLAR MEZZANINE PLAN
E-102.00	ELECTRICAL MAIN ROOF PLAN
E-103.00	ELECTRICAL PENTHOUSE ROOF PLAN
E-400.00	ELECTRICAL RISER DIAGRAM
E-500.00	ELECTRICAL DETAILS

ASBESTOS ABATEMENT:

WSP

250 W 34TH ST 4TH FLOOR
NEW YORK, NY 10119
P: 212 621 7900

ASBESTOS ABATEMENT:

H-001.00	ASBESTOS ABATEMENT GENERAL NOTES
H-002.00	ASBESTOS ABATEMENT ROOF PLAN

SYMBOL LEGEND

- WINDOW TYPE
- DOOR TYPE
- KEY NOTE
- APPLIANCE SYMBOL
- PARTITION TYPE
- WALL FIXTURE TYPE
- GRID REFERENCE
- EXTERIOR ELEVATION
- INTERIOR ELEVATION
- BUILDING SECTION
- WALL SECTION
- DETAIL SECTION
- DETAIL CALLOUT
- NORTH TO PART OF OR WHOLE OF THE DRAWING
- SCALE TO PART OF OR WHOLE OF THE DRAWING
- ELEVATION DATUM LINE
- DATUM POINT
- PLATE / PROPERTY LINE
- CENTER LINE
- DIMENSION TO FACE
- DIMENSION TO CENTER
- ALIGN
- CUT LINE
- (E) EXISTING
- REVISION TO PART OF OR WHOLE OF THE DRAWING
- SP WORKING POINT / STARTING POINT
- PROPERTY LINE
- SETBACK OR BOUNDARY LINES
- CENTER LINE / EXTERIOR ELEVATION
- HIDDEN, FUTURE, OR EXISTING CONST TO BE DEMOLISHED

RCP LEGEND

- ACOUSTICAL CEILING TILE
- GYPSUM BOARD CEILING OR SOFFIT
- AD ACCESS DOOR
- CONCEALED SPRINKLER HEAD
- RECESEED RETURN AIR GRILLE
- RECESSED SUPPLY AIR DIFFUSER
- 0'-00" FINISH CEILING HEIGHT
- WALL MOUNTED TELEVISION, PROVIDE BLOCKING AS REQUIRED
- LD SLOT LINEAR DIFFUSER (SEE MEP)
- WS WINDOW SHADE
- EXIT SIGN - CEILING MOUNTED
- EXIT SIGN - WALL MOUNTED
- SP CEILING FINISH START POINT
- CHANGE IN CEILING HEIGHT
- CEILING MTD SECURITY CAMERA
- MS RECESSED PROJECTION SCREEN
- S RECESSED SPEAKER
- SD SMOKE DETECTOR
- SD CO_2 COMBO SMOKE & CARBON MONOXIDE DETECTOR
- H HEAT SENSOR

MATERIAL LEGEND

- GWB
- INSULATION, BATT
- INSULATION, RIGID
- CONCRETE
- NEW CONSTRUCTION
- EXISTING TO REMAIN (NIC)
- PLYWOOD
- WOOD, BLOCKING
- STEEL
- ACOUSTICAL TILE

ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
ALUM	ALUMINUM
APPROX	APPROXIMATE, APPROXIMATELY
B	BALCONY
BD	BOARD
BDR	BEDROOM
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BO	BOTTOM OF
BOT	BOTTOM
BR	BROOM CLOSET
CJ	CONTROL JOINT
CL	CLOSET
CL	CENTERLINE
CPT	CARPET
CAB	CABINET (S), CABINETRY
CLG	CEILING
CLO	CLOSET
CLR	CLEAR
CFL	COMPACT FLOURESCENT LIGHT
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CTRL	CONTROL
CT	CERAMIC TILE
DEPT	DEPARTMENT
DTL	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIFF	DIFFUSER(S)
DIM	DIMENSION(S)
DIST	DISTANCE
DN	DOWN
DO	DOOR OPENING
DR	DOOR
DSP	DRY STAND PIPE
DWG	DRAWINGS
ELEC	ELECTRICAL
ENCL	ENCLOSURE
EQ	EQUAL
ELEV	ELEVATION
EP	ELECTRICAL PANEL
EMERG	EMERGENCY
EXP JT	EXPANSION JOINT
EXST	EXISTING
EXT	EXTERIOR
FF	FINISH FLOOR
FEC	FIRE EXTINGUISHER CABINET
FIN	FINISH, FINISHED
FIXT	FIXTURE
FLR	FLOOR
FO	FACE OF
FT	FIRE TREATED
FT	FOOT, FEET
FURN	FURNISHED
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GL	GLASS
GWB	GYPSUM WALL BOARD
HDG	HOT-DIPPED GALVANIZED
HDWR	HARDWARE
HM	HOLLOW METAL
HO	HOLD OPEN DEVICE
HORIZ	HORIZONTAL
HT	HEIGHT
HWT	HOT WATER TANK
HR	HOUR
HRD	HANG ROD
HVAC	HEATING, VENTILATION & AC
IN	INCH
INST	INSTALLED
J-BOX	JUNCTION BOX
JC	JANITORS CLOSET
JT	JOINT(S)
K	KITCHEN
KD	KNOCK DOWN
LAM	LAMINATE
LIN	LINEN CLOSET
LVL	LEVEL
LOC	LOCATION(S)
LT	LIGHT
MANUF	MANUFACTURER
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MEP	MECHANICAL/ELECTRICAL/PLUMBING
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MR	MOISTURE RESISTANT
MTD	MOUNTED
MT	METAL
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OD	OVERFLOW DRAIN
OH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
PART	PARTITION
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PT	POINT
PTD	PAINTED
RAD	RADIUS
RB	RUBBER BASE
RD	ROOF DRAIN
REF	REFERENCE
REINF	REINFORCED, REINFORCING
RELOC	RELOCATED
REQ'D	REQUIRED
REV	REVISED, REVISION
RM	ROOM
RO	ROUGH OPENING
RP	RECESSED PANEL
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE FOOT
SHT	SHEET
SIM	SIMILAR
SP	SCRIBED PANEL
SQ	SQUARE
SSK	SERVICE SINK
SS	STAINLESS STEEL
STL.	STEEL
STOR	STORAGE
STRUCT	STRUCTURE, STRUCTURAL
SUSP	SUSPENDED
STD	STANDARD
SV	SHEET VINYL
TBD	TO BE DETERMINED
TEL	TELEPHONE
THK	THICK
TO	TOP OF
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VB	VINYL BASE
VCT	VINYL COMPOSITION TILES
VIF	VERIFY IN FIELD
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD

FEMA MAP

THE SITE IS NOT IN A FLOOD ZONE. IT IS LOCATED IN ZONE X "AREA DETERMINED TO BE OUTSIDE FHT 0.2% ANNUAL CHANCE FLOOD PLAIN"





BLDG. DEPT. NOTES

1. ALL REFERENCES TO THE "BUILDING CODE" OR "THE CODE" SHALL REFER TO THE BUILDING CODE OF THE CITY OF NEW YORK LATEST EDITION UNLESS OTHERWISE STATED.
2. COMPLY WITH ALL REQUIREMENTS OF NEW YORK CITY BUILDING CODES, STATE LABOR LAW, AND ALL REGULATIONS OF NEW YORK CITY AND STATE. ALL PERMITS SHALL BE PROPERLY DISPLAYED.
3. MEANS OF EGRESS SHALL BE KEPT UNOBSTRUCTED AT ALL TIMES.
4. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE NEW YORK CITY BUILDING CODE. ALL ASSEMBLIES AND EQUIPMENT TO BE AS ACCEPTED BY THE N.Y.C. BOARD OF STANDARD AND APPEALS. MECHANICAL EQUIPMENT TO BE MEA APPROVED.
5. MATERIALS, ASSEMBLIES, FORMS AND METHODS OF CONSTRUCTION - CODE TEST METHOD. WHENEVER THE BUILDING CODE PRESCRIBES A METHOD FOR TESTING ANY MATERIAL, THE MATERIAL SHALL BE TESTED (A) UNDER THE DIRECTION OF AN ARCHITECT OR ENGINEER, OR (B) BY A TESTING SERVICE OR LABORATORY ACCEPTABLE TO THE COMMISSIONER.
6. DOORS AND ASSEMBLIES SHALL HAVE FIRE-RESISTIVE RATINGS PER NYC BUILDING CODE. ALL FIRE RATED DOORS SHALL BEAR A LABEL INDICATING SAME TYPE AS APPROVED BY BOARD OF STANDARD AND APPEALS OR M.E.A.
7. ALL FIRE STOPPING AT PENETRATIONS IN FIRE RATED FLOOR AND WALL SEPARATIONS SHALL BE THERMAFIBER (U.S. GYPSUM) MINERAL FIBER RATED AT ONE (1), TWO (2), OR THREE (3) HOURS (AS REQUIRED). BSA CAL #39-74 SM OR APPROVED EQUIVALENT.
8. PROJECT SHALL COMPLY WITH LOCAL LAW 58/87 AND ADA ACCESSIBILITY GUIDELINES.
9. EGRESS PROVISIONS TO COMPLY WITH CHAPTER 10 OF THE NYC BUILDING CODE.
10. ALL HARDWARE SHALL CONFORM WITH CHAPTER 11 OF THE NYC BUILDING CODE AND THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.
11. ALL COLUMNS, BEAMS, AND UNDERSIDE OF METAL DECKING TO BE PROVIDED WITH EQUAL OR GREATER THAN 1 HOUR SPRAY-ON FIREPROOFING UNO.
12. NO CHANGE IN USE OR OCCUPANCY OR EGRESS.
13. ALL CONSTRUCTION WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW YORK CITY BUILDING CODE EFFECTIVE DECEMBER 6, 1968 AS AMENDED AND ALL OTHER APPLICABLE LAWS.
14. THE PROVISIONS OF THE NEW YORK CITY BUILDING CODE SHALL GOVERN THE CONDUCT OF ALL CONSTRUCTION AND DEMOLITION OPERATIONS WITH REGARD TO THE SAFETY OF THE PUBLIC AND PROPERTY.
15. ALL INTERIOR FINISHES SHALL HAVE A FLAME SPREAD RATING AND SMOKE DEVELOPED RATING NOT GREATER THAN THAT NOTED IN CHAPTER 7 OF THE BUILDING CODE NOR BE MORE TOXIC THAN THAT DESCRIBED THEREIN.
16. VERIFY ALL CONDITIONS AND DIMENSIONS SHOWN ON THE PLAN AT THE JOB SITE BEFORE COMMENCING ANY WORK.
17. NO WORK AT SITE TO COMMENCE UNTIL PLAN HAS BEEN APPROVED AND PERMIT ISSUED BY THE DEPARTMENT OF BUILDINGS.

GENERAL NOTES

1. ALL WORK AND MATERIALS FURNISHED SHALL COMPLY WITH THE CITY OF NEW YORK BUILDING CODE, THE CITY OF NEW YORK FIRE CODE, THE STATE OF NEW YORK REGULATIONS, THE REGULATIONS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS, NATIONAL FIRE PROTECTIVE ASSOCIATION REQUIREMENTS AND THE FEDERAL, STATE AND MUNICIPAL AUTHORITIES HAVING JURISDICTION OVER THE WORK.
2. THE BUILDING PERMIT SHALL BE SECURED AND POSTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, AS SHALL ALL OTHER PERMITS AND APPROVALS AS REQUIRED BY LAW FOR THE COMPLETION OF THE WORK.
3. PERFORM A CAREFUL AND THOROUGH EXAMINATION OF THE PREMISES FOR LABOR, MATERIALS OR EQUIPMENT REQUIRED OR FOR DIFFICULTIES ENCOUNTERED. CHECK AND VERIFY ALL QUANTITIES, WORK AND MATERIALS INVOLVED .
4. BEFORE ORDERING ANY MATERIALS OR DOING ANY WORK, EACH TRADE SHALL VERIFY ALL MEASUREMENTS AT THE BUILDING AND SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF SAME, NO EXTRA CHARGE OR COMPENSATION WILL BE ALLOWED ON ACCOUNT OF DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND THE MEASUREMENTS INDICATED ON THE DRAWINGS: ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS WHICH MAY BE FOUND SHALL BE SUBMITTED TO THE COMMISSIONER FOR CONSIDERATION AND CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
5. ALL OF THE DRAWINGS AND CONSTRUCTION NOTES ARE COMPLEMENTARY AND WHAT IS CALLED FOR BY EITHER WILL BE BINDING AS IS CALLED FOR BY ALL: ANY WORK SHOWN OR REFERRED TO ON ANY ONE DRAWING SHALL BE PROVIDED AS THOUGH SHOWN ON ALL DRAWINGS, WHENEVER AN ITEM IS SPECIFIED AND / OR SHOWN ON THE DRAWINGS BY DETAIL OR REFERENCE IT SHALL BE CONSIDERED TYPICAL FOR OTHER ITEMS WHICH ARE OBVIOUSLY INTENDED TO BE THE SAME EVEN THOUGH NOT SO DESIGNATED OR SPECIFICALLY NAMED BUT DO SERVE THE SAME FUNCTION.
6. THE WORK TO BE PERFORMED CONSISTS OF FURNISHING ALL LABOR EQUIPMENT, TOOLS, TRANSPORTATION, SUPPLIES, FEES, MATERIALS, AND SERVICES IN ACCORDANCE WITH THESE NOTES AND DRAWINGS AND PERFORMING ALL OPERATIONS NECESSARY TO CONSTRUCT AND INSTALL COMPLETE AND IN SATISFACTORY CONDITION THE VARIOUS MATERIALS AND EQUIPMENT AT THE LOCATIONS SHOWN, AND IN CONFORMITY WITH THE DIMENSIONS, DESIGN AND DETAILS SHOWN. IT IS INTENDED THAT THE DRAWINGS INCLUDE EVERYTHING REQUISITE AND NECESSARY TO FINISH THE ENTIRE WORK PROPERLY, NOTWITHSTANDING THE FACT THAT EVERY ITEM NECESSARILY INVOLVED MAY NOT BE SPECIFICALLY MENTIONED OR SHOWN. ANY ITEM WHICH MAY BE REASONABLY CONSTRUED AS INCIDENTAL TO THE PROPER AND SATISFACTORY COMPLETION OF THE WORK IN ACCORDANCE WITH THE INTENT OF THESE NOTES AND DRAWINGS IS HEREBY INCLUDED.
7. ABIDE BY AND COMPLY WITH TRUE INTENT AND MEANING OF THE DRAWINGS AND NOTES TAKEN AS A WHOLE. SHOULD ANY ERROR OR DISCREPANCY APPEAR OR ANY DOUBT ARISE AS TO THE TRUE MEANING OF THE DRAWINGS OR NOTES, THE ITEMS SHALL BE BROUGHT TO THE ATTENTION OF THE COMMISSIONER BEFORE SUBMISSION OF PROPOSAL FOR EXPLANATION OR CORRECTION OF SAME, AFTER THE SUBMISSION OF PROPOSAL.
8. THE STANDARD SPECIFICATIONS OF THE MANUFACTURES APPROVED FOR USE IN THE PROJECT ARE HEREBY MADE A PART OF THESE NOTES WITH THE SAME FORCE AND EFFECT AS THOUGH HEREIN WRITTEN OUT IN FULL, EXCEPT THAT WHEREVER THE DRAWINGS REQUIRE HEAVIER MEMBERS, BETTER QUALITY MATERIALS OR ARE OTHERWISE MORE STRINGENT, THERE MORE STRINGENT REQUIREMENTS SHALL GOVERN.
9. COORDINATE AND SUPERVISE THE WORK AND PROVIDE PLANS OR DETAILS AS MAY BE REQUIRED FOR THE PROPER INSTALLATION AND COMPLETION OF THE WORK. ALL MATERIALS SHALL BE ORDERED SUFFICIENTLY AHEAD OF TIME SO THAT WORK CAN PROCEED IN SCHEDULE. NO SUBSTITUTIONS WILL BE ACCEPTED BECAUSE OF FAILURE TO DO SO.
10. SUBMIT ALL FABRICATION SHOP DRAWINGS, SAMPLES, AND FIXTURE CUTS FOR THE COMMISSIONER'S REVIEW AS REQUIRED AND/OR INDICATED ON THE DRAWINGS. COORDINATE ALL TRADES AND TO CHECK QUANTITIES AND DIMENSIONS AGAINST CONDITIONS IN THE FIELD.
11. ALL MATERIALS REQUIRED FOR THE PERFORMANCE OF THIS CONTRACT SHALL BE NEW AND OF THE BEST QUALITY OF KINDS SPECIFIED, ALL SUBJECT TO THE APPROVAL OF THE COMMISSIONER. MATERIALS SHALL BE USED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
12. FOR THE EXECUTION OF THE WORK TO BE PERFORMED UNDER THIS CONTRACT AND FOR THE MANUFACTURE OR TRANSPORTATION OF ANY OF THE MATERIALS OR APPLIANCES TO BE USED OR INSTALLED, EMPLOY ONLY SUCH LABOR THROUGHOUT AS WILL NOT INTERFERE WITH THE SPEEDY AND UNINTERRUPTED COMPLETION OF THE PROJECT. ALL WORK SHALL BE DONE BY MECHANICS SKILLED IN THEIR TRADE AND SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER IN ACCORDANCE WITH THE BEST TRADE PRACTICES.
13. ANY MATERIALS DELIVERED, OR WORK PERFORMED, CONTRARY TO THE DRAWINGS AND SPECIFICATIONS AND APPROVED SHOP DRAWINGS SHALL BE REMOVED AND THE SAME SHALL BE REPLACED WITH OTHER MATERIALS OR WORK SATISFACTORY TO THE COMMISSIONER.
14. PROPERLY AND ACCURATELY LAYING OUT THE WORK FOR THE LINES AND MEASUREMENTS HEREIN, THERE SHALL BE ESTABLISHED NECESSARY REFERENCE LINES AND PERMANENT BENCH MARKS FROM WHICH BUILDING LINES AND ELEVATIONS, HEIGHTS OF ALL WORK CALLED FOR (A.F.S.) INCLUDING BUT NOT LIMITED TO SOFFITS, CEILINGS, DOORS AND FRAMES SHALL BE TRUE AND LEVEL WITHIN A MAXIMUM TOLERANCE OF 1/8" INCH OVERALL.
15. THE PREMISES AND THE JOB SITE SHALL BE MAINTAINED IN REASONABLY NEAT AND ORDERLY CONDITION AND KEPT FREE FROM ACCUMULATIONS OF WASTE MATERIALS AND RUBBISH DURING THE ENTIRE CONSTRUCTION PERIOD. REMOVE CRATES, CARTONS AND OTHER FLAMMABLE WASTE MATERIALS OR TRASH FROM THE WORK AREA AT THE END OF EACH WORKING DAY.
16. ELECTRICAL CLOSETS, PIPE AND DUCT SHAFTS, CHASES, FURRED SPACES AND SIMILAR SPACES WHICH ARE GENERALLY UNFINISHED SHALL BE CLEANED AND LEFT FREE FROM RUBBISH, LOOSE PLASTER, MORTAR DROPPINGS, EXTRANEOUS CONSTRUCTION MATERIALS, DIRT AND DUST.
17. CARE SHALL TAKE BY WORKERS NOT TO MARK, SOIL OR OTHERWISE DEFACE FINISHED SURFACES, IN THE EVENT THAT FURNISHED SURFACES BECOME DEFACED, CLEAN AND RESTORE SUCH SURFACES TO THEIR ORIGINAL CONDITION.
18. CLEAN UP IMMEDIATELY UPON COMPLETION OF EACH TRADE'S WORK.
19. CLEAN AREAS OF THE BUILDING IN WHICH PAINTING AND FINISHING WORK IS TO BE PERFORMED JUST PRIOR TO THE START OF THE WORK AND MAINTAIN THESE AREAS IN SATISFACTORY CONDITION FOR PAINTING AND FINISHING.
20. DO ALL OTHER CLEANING AS REQUIRED TO TURN THE PREMISES OVER TO THE CITY OF NEW YORK IN A SPOTLESS AND ORDERLY CONDITION.
21. KEEP THE COMMISSIONER INFORMED OF THE PROGRESS OF HIS WORK. NO WORK SHALL BE CLOSED OR COVERED UNTIL IT HAS BEEN DULY INSPECTED AND APPROVED. SHOULD UNINSPECTED WORK BE COVERED , UNCOVER ALL SUCH WORK SO THAT IT CAN BE PROPERLY INSPECTED AND AFTER SUCH INSPECTION PROPERLY REPAIR AND REPLACE ALL WORK INTERFERED WITH.
22. ALL WORK SHALL BE SUBJECT TO FINAL INSPECTION BY COMMISSIONER AND ACCEPTANCE BY THE CITY OF NEW YORK.
23. ALL SUCH MATERIALS OR PROCEDURES DESIGNATED FOR "CONTROLLED INSPECTIONS", SHALL BE INSPECTED BY THE COMMISSIONER RETAINED BY THE CITY OF NEW YORK. THIS COMMISSIONER SHALL FILE COPIES OF ALL REQUIRED INSPECTIONS TOGETHER WITH HIS SIGNED STATEMENT THAT THE WORK COMPLIES AS REQUIRED.

OCCUPANCY PROTECTION PLAN

PREPARE AND IMPLEMENT AN OCCUPANT PROTECTION PLAN (OPP) IN ACCORDANCE WITH THE NEW YORK CITY BUILDING CODE, 2022 EDITION, CHAPTER 33 – SAFEGUARDS DURING CONSTRUCTION OR DEMOLITION, SECTION 3303.10 – OPERATIONS IN OCCUPIED BUILDINGS, AS WELL AS ALL OTHER APPLICABLE LOCAL LAWS AND REGULATIONS.
A COPY OF THE OPP MUST BE AVAILABLE ON-SITE FOR REVIEW BY AUTHORIZED PERSONNEL AND NYC DOB INSPECTORS. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED IN THE PROJECT SHALL BE RESPONSIBLE FOR ADHERING TO THE REQUIREMENTS OUTLINED IN THE OCCUPANT PROTECTION PLAN.

DRAWING INDEX
ARCHITECTURAL

		SD/DD	75% CD	DOB FILING	100% CD		
T-001.00	COVER SHEET	○	●	●	●	○	○
G-001.00	GENERAL INFORMATION	○	●	●	●	○	○
EX-100.00	EXISTING SUB-CELLAR MEZZANINE PLAN, FIFTH FLOOR PLAN, & PHOTOGRAPHS	○	○	○	●	○	○
EX-101.00	EXISTING ROOF PLAN & PHOTOS	●	●	●	●	○	○
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DM-102.00	PENTHOUSE ROOF DEMOLITION PLAN	●	●	●	●	○	○
DM-103.00	STAGE HOUSE DEMOLITION ROOF PLAN	●	●	●	●	○	○
A-001.00	SITE PLAN	●	●	●	●	○	○
A-101.00	PROPOSED MAIN ROOF PLAN	●	●	●	●	○	○
A-102.00	PROPOSED PENTHOUSE ROOF PLAN	●	●	●	●	○	○
A-103.00	PROPOSED STAGE HOUSE ROOF PLAN	●	●	●	●	○	○
A-111.00	PROPOSED MAIN ROOF- PV ARRAY	○	●	●	●	○	○
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A-301.00	DETAILS & ROOF SECTIONS	●	●	●	●	○	○
A-302.00	DETAILS & ROOF SECTIONS	●	●	●	●	○	○
A-401.00	DETAILS & SCHEDULES	○	●	●	●	○	○
TOTAL		10	16	16	17		

ZONING AND BUILDING INFORMATION

APPLICABLE CODES AND REGULATIONS:

• BUILDING CODE:	2022 NYC BUILDING CODE; 1968 NYC BUILDING CODE
• ENERGY CODE:	2020 NYC ENERGY CONSERVATION CODE
• FIRE CODE:	2022 FIRE CODE OF NYC

BUILDING DATA SUMMARY:

BLOCK:	1134
LOT:	5
ZONING DISTRICT:	C4-7/ SPECIAL LINCOLN SQUARE DISTRICT
ZONING MAP:	8C
COMMUNITY BOARD:	MANHATTAN COMMUNITY DISTRICT 7
LOT AREA:	58,204 SF
BUILDING AREA:	260,453 SF
NO OF STORIES:	6 STORIES
BUILDING HEIGHT:	112'-0"
OCCUPANCY CLASSIFICATION:	PUBLIC BUILDING (OLD CODE)
CONSTRUCTION CLASSIFICATION:	CLASS 1 FIREPROOF
FLOOD ZONE:	NOT IN A FLOOD ZONE
LANDMARK STATUS:	ELIGIBLE
C/O STATUS:	1973 C OF O

SCOPE OF WORK

THIS PROJECT CONSISTS OF A ROOF RECOVERY AND CONSISTS OF A NEW ROOF MEMBRANE, PARTIAL REPLACEMENT OF ASSEMBLY BELOW THE ROOF MEMBRANE, ROOF DRAINS, TWO NEW RTUS TO REPLACE THE EXISTING OUTDATED ONES IN KIND, GUARDRAILS TO REPLACE THE CURRENT RUSTED PERIMETER GUARDRAIL, AND THE INSTALLATION OF NEW SOLAR PANELS ON THE MAIN AND PENTHOUSE ROOF LEVELS. THE SCOPE WILL REQUIRE ADDITIONAL ELECTRICAL, STRUCTURAL, AND MECHANICAL WORK TO SUPPORT THE GUARDRAILS, RTUS, AND PV ARRAYS.

SPECIAL AND PROGRESS INSPECTIONS

SPECIAL INSPECTIONS

1705.14	SPRAYED FIRE-RESISTANT MATERIALS
1705.17	FIRE-RESISTANT PENETRATIONS AND JOINTS
1705.37	POST-INSTALLED ANCHORS

PROGRESS INSPECTIONS

110.3.4	FIRE-RESISTANCE RATED CONSTRUCTION
110.5	FINAL

RELATED APPLICATIONS

GC:	M01206784-I1
MECHANICAL:	M01206784-S1
PLUMBING:	M01206784-S2
STRUCTURAL:	M01206784-S3
SOLAR:	TBD

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
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20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
NEW YORK, NY 10007
NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
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30-30 THOMSON AVENUE
LONG ISLAND CITY, NY 11101

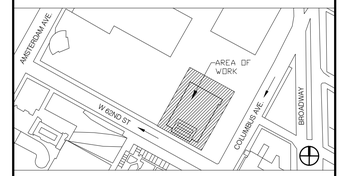
ARCHITECT:
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BROOKLYN NY 11201

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NYC DDC **Department of Design and Construction**

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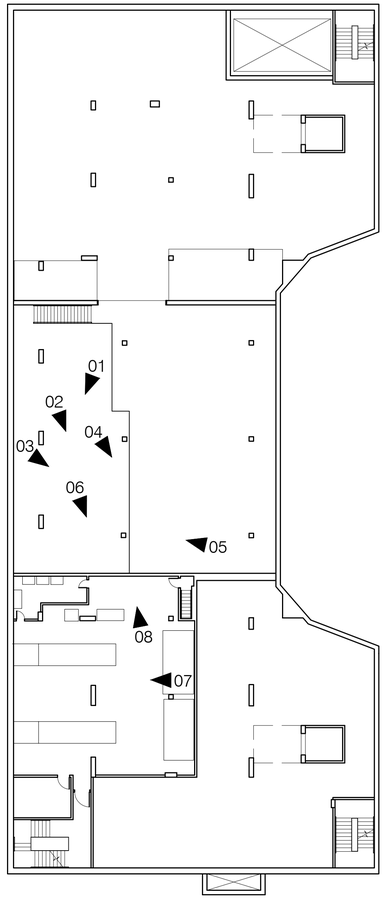
DOB NOW Application: M01206784-I1

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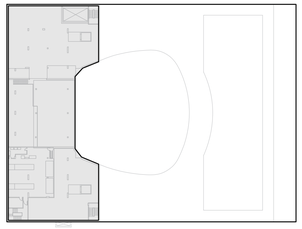
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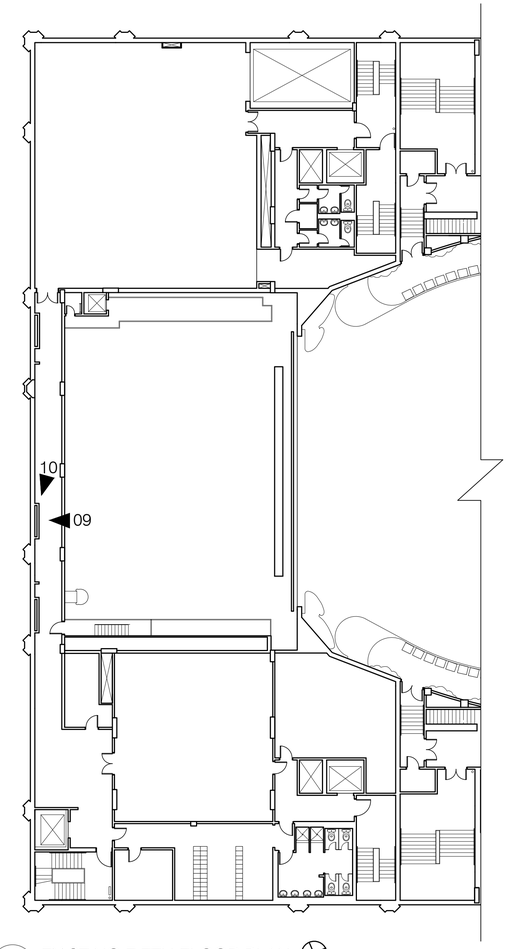
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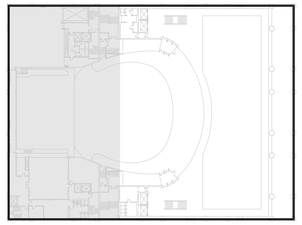
SUBCELLAR MEZZANINE

01 EXISTING SUB-CELLAR MEZZANINE PLAN

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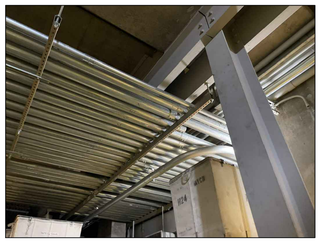
KEY PLAN



FIFTH FLOOR

02 EXISTING FIFTH FLOOR PLAN

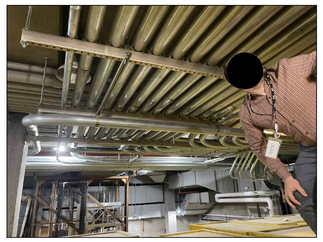
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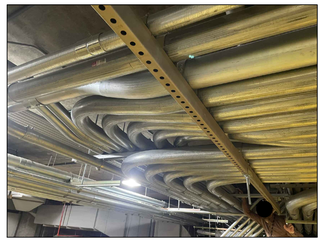
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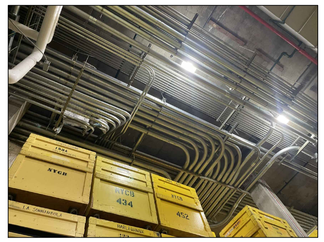
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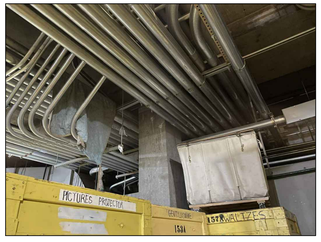
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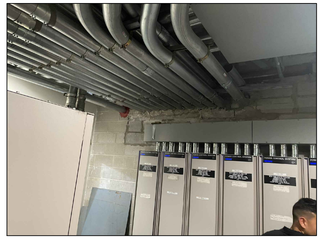
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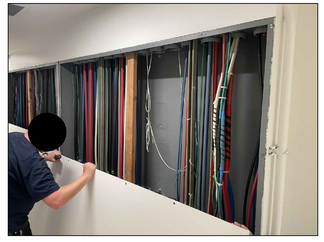
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03 EXISTING SUB-CELLAR & FIFTH FLOOR PHOTOS

SCALE: NTS

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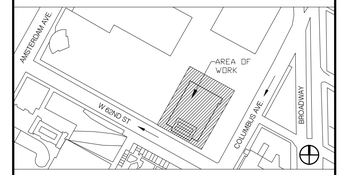
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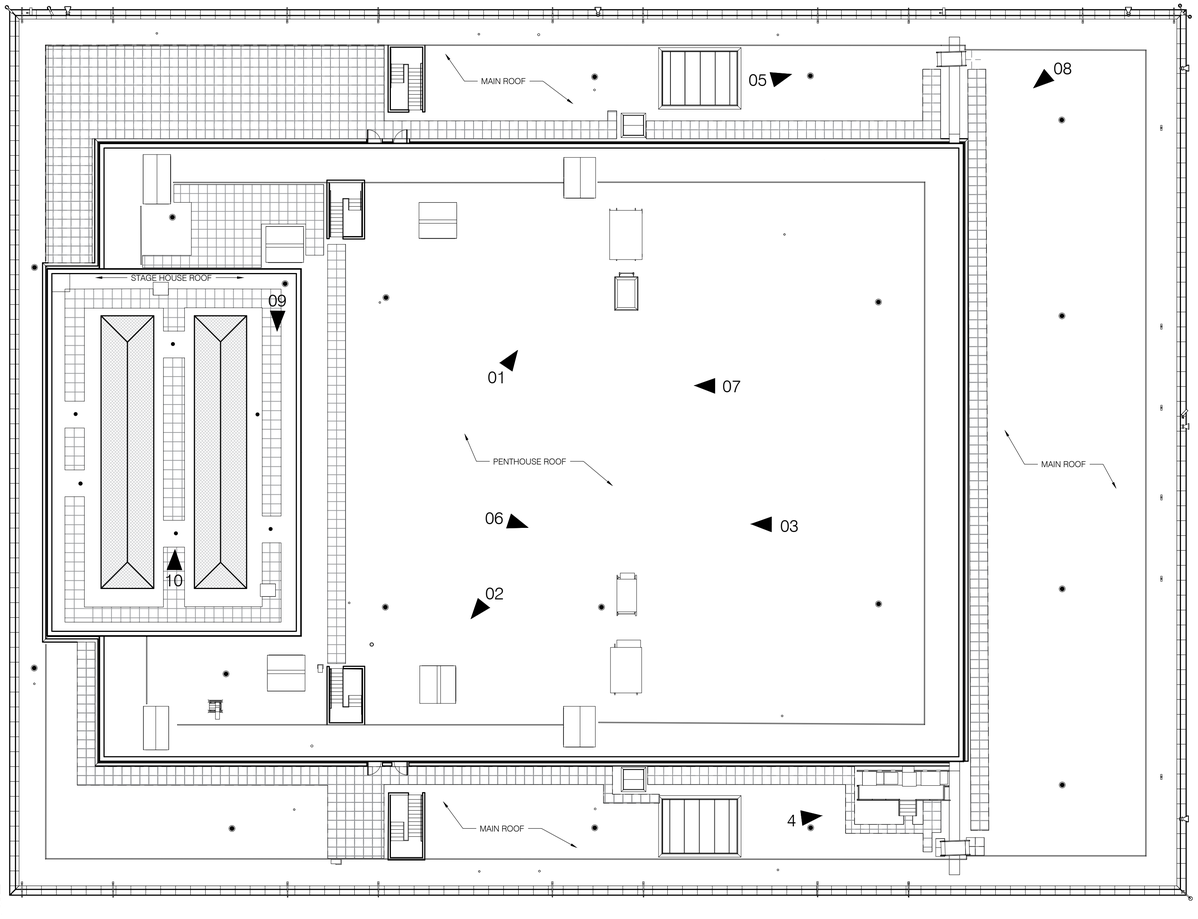
DOB NOW Application: M01206784-I1

DRAWING TITLE:
EXISTING SUB-CELLAR MEZZANINE, FIFTH FLOOR PLAN, & PHOTOGRAPHS

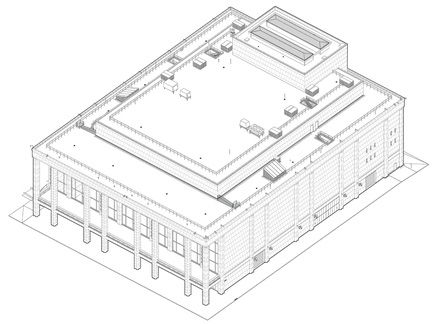
SEAL & SIGNATURE

REGISTERED ARCHITECT NANDINEE PHOOKAN 025226 STATE OF NEW YORK

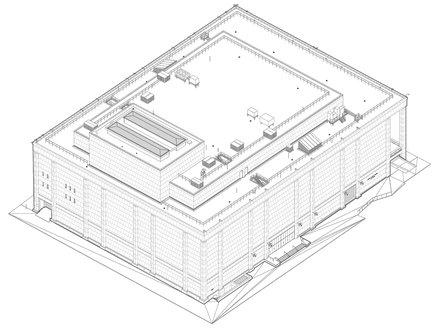
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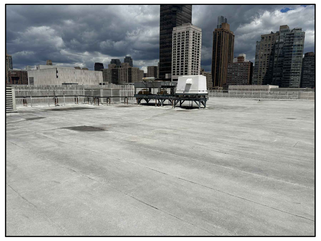
01 EXISTING ROOF PLAN
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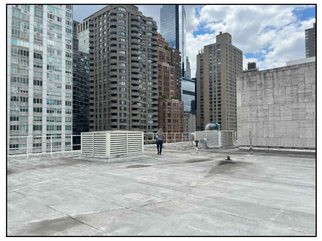
02 NORTHEAST ISOMETRIC
SCALE: NTS



03 SOUTHWEST ISOMETRIC
SCALE: NTS



01



02



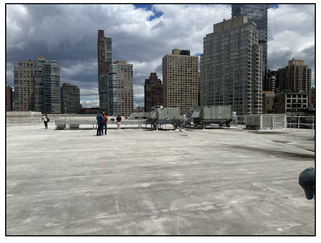
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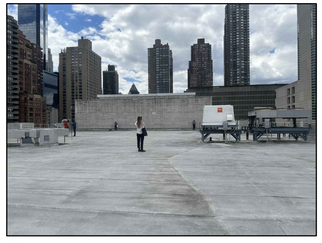
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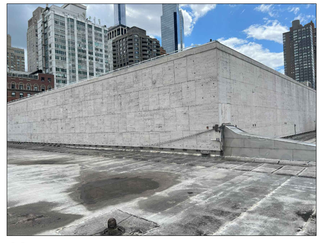
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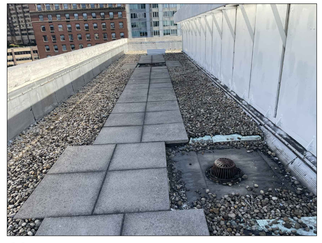
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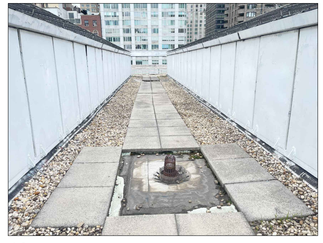
07



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04 EXISTING ROOF PHOTOS
SCALE: NTS

DOB APPROVAL STAMP

NEW YORK CITY BALLET
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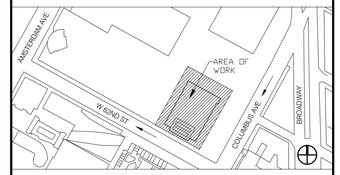
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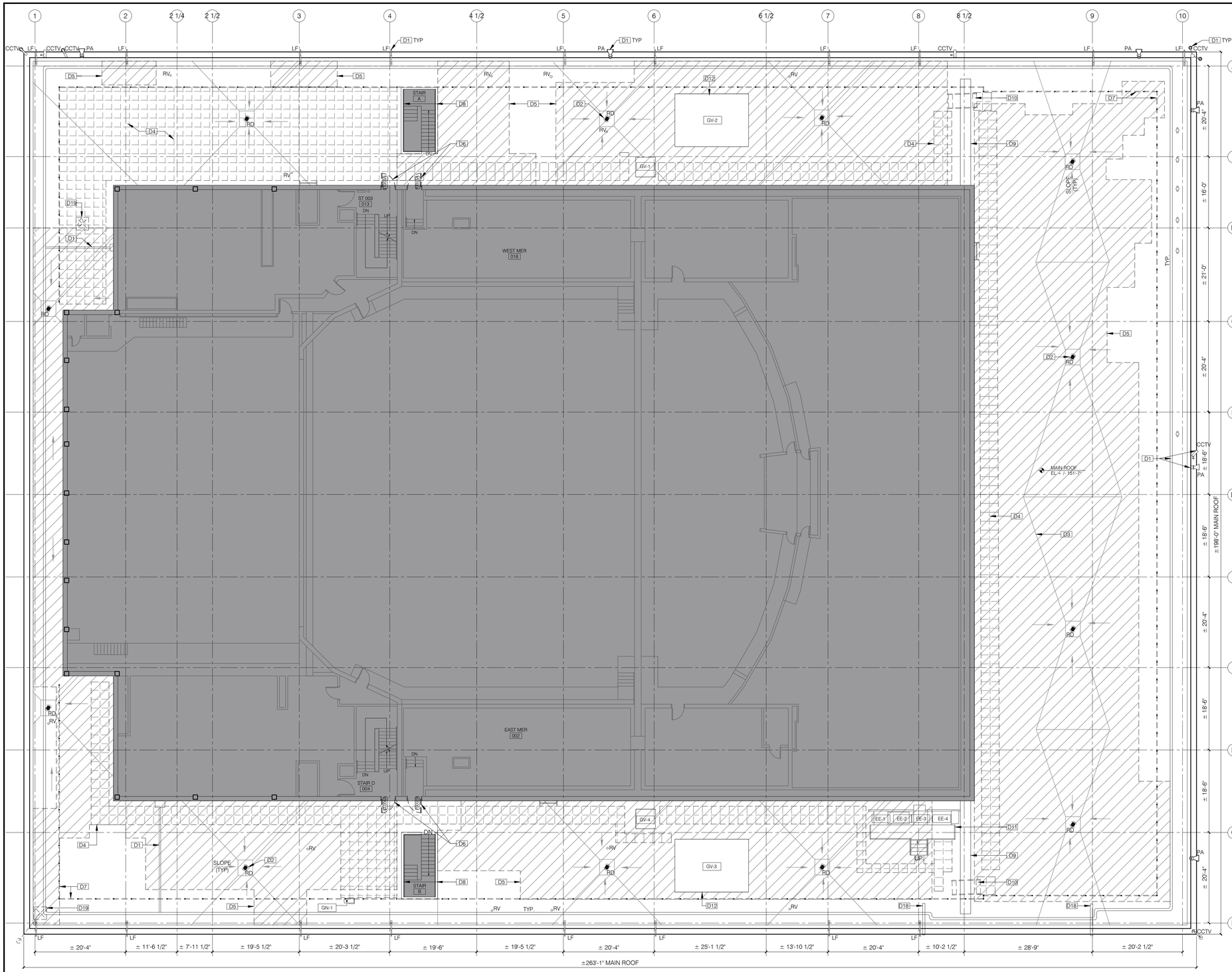
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CADO FILE No:	00 OF 00



01 MAIN ROOF DEMOLITION PLAN
SCALE: 3/32"=1'-0"

DEMOLITION LEGEND

- NOT IN SCOPE
- EXISTING PARTITION TO REMAIN, (FIELD VERIFY EXACT LOCATION)
- WALLS TO BE DEMOLISHED
- EXISTING DOOR TO BE REMOVED AND REPLACED- SEE NOTES ON THIS DWG
- EXISTING ROOF DRAIN TO BE REMOVED AND REPLACED- SEE NOTES ON THIS DWG
- EXISTING ROOF PAVERS TO BE REMOVED AND STORED- SEE NOTES ON THIS DWG
- ESTIMATED AREA OF ROOF ASSEMBLY TO REMOVE AND REPLACE- SEE 070150 MAINTENANCE OF MEMBRANE ROOFING SPECIFICATIONS

DEMOLITION KEY NOTES

D1 EXISTING LIGHT FIXTURES, PUBLIC ADDRESS SYSTEM, SECURITY CAMERAS EQUIPMENT AND WIRING/CONDUITS TO REMAIN (TYP. UNLESS OTHERWISE NOTED). GC TO COORDINATE WITH COMMISSIONER AND LINCOLN CENTER FOR THE PERFORMING ARTS FOR SCHEDULE, OPERATION PROTOCOL AND TEMPORARY RELOCATION (IF NECESSARY) TO REMAIN OPERATIONAL THROUGHOUT THE DURATION OF CONSTRUCTION. SEE ELECTRICAL DRAWINGS

D2 EXISTING ROOF DRAIN TO BE REMOVED AND REPLACED (TYP.)

D3 EXISTING ROOF SLOPES TO BE MAINTAINED (TYP.)

D4 EXISTING CONCRETE PAVERS TO BE SALVAGED (TYP.) GC TO CONSULT PROPOSED PLANS FOR AREAS REQUIRING INSTALLATION OF SALVAGED PAVERS. EXCESS PAVERS TO BE REMOVED.

D5 INSPECT ENTIRE EXISTING ROOF ASSEMBLY FOR MOISTURE BELOW THE MEMBRANE. REMOVE WET AREAS, SEE 'ROOF ELEMENT' NOTE BELOW AND DETAIL 8/A-301 FOR ADDITIONAL INFORMATION

D6 REMOVE EXISTING DOOR AND FRAME. SALVAGE EXISTING HARDWARE- SEE HARDWARE SCHEDULE.

D7 EXISTING GUARDRAIL TO BE REMOVED DOWN TO THE BASE PLATE. PLATE AND ANCHORS TO REMAIN. SEE DETAIL 7/A-302

D8 GUARDRAIL AND INSIDE METAL FASCIA AT STAIR PIT TO REMAIN AND BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION.

D9 EXISTING STAINLESS STEEL CLADDING AT TRUSS TO REMAIN AND BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION.

D10 EXISTING CROSSOVER STAIR OVER TRUSS BULKHEAD (QTY: 2) IS TO BE SALVAGED, STORED AND PROTECTED BY CONTRACTOR FOR REINSTALLATION. CONTRACTOR IS TO SALVAGE 4 CONCRETE PAVERS FOR EACH EXISTING STAIR TO SERVE AS SUPPORT FOR THE REINSTALLED STAIRS.

D11 ALL EXISTING DUNNAGE STEEL, INCLUDING DUCT SUPPORT, PLATFORMS AND STAIRS TO BE PROTECTED IN PLACE.

D12 ALL EXISTING MECHANICAL EQUIPMENT, UNLESS OTHERWISE NOTED (SEE D13), IS TO BE PROTECTED IN PLACE AND REMAIN OPERATIONAL FOR THE DURATION OF CONSTRUCTION. SEE MECHANICAL DRAWINGS

D13 EXISTING RTU 1 AND RTU 2 TO BE REMOVED AND REPLACED WITH NEW RTUS SIMILAR IN SIZE AND CAPACITY. SEE MECHANICAL DRAWINGS.

D14 DUCTWORK INSULATION AND WEATHERPROOF JACKET TO BE REMOVED AND REPLACED. PREPARE STEEL SUPPORTS FOR NEW ROOF MEMBRANE FLASHING.

D15 EXISTING ROOF HATCH- SEE DETAIL 03/ A-302 FOR NOTES ON PREPARATION.

D16 REMOVE GRAVEL BALLAST AND LOOSE LAID RIGID INSULATION ABOVE EXISTING ROOF MEMBRANE. TYPICAL AT STAGE HOUSE ROOF LEVEL.

D17 EXISTING SKYLIGHT, PROTECT DURING DEMOLITION AND CONSTRUCTION.

D18 REMOVE EXISTING FLASHING AND CLEAN EXISTING STEEL ARMATURES.

D19 EXISTING COMMUNICATION EQUIPMENT ON BALLASTED MOUNTING. REMOVE EXISTING MOUNTINGS. EQUIPMENT TO REMAIN OPERATIONAL DURING CONSTRUCTION. SEE PROPOSED PLAN AND CONSTRUCTION NOTE A16 FOR PERMANENT MOUNTING.

GENERAL NOTE: CONTRACTOR TO RETAIN A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK TO CONFIRM ALL MATERIALS TEMPORARILY STORED ON THE ROOF DO NOT EXCEED ACCEPTABLE LOAD LIMITS AS PER 2022 NYC BUILDING CODE CHAPTER 33.

MAIN ROOF ELEMENTS (NOTE: CONTRACTOR TO VERIFY ALL QUANTITIES SHOWN ON DRAWINGS)

ABREV.	NAME	QTY.	REMAIN/ REPLACE/ NEW	REFERENCE
MECHANICAL EQUIPMENT- SEE DEMOLITION NOTE #12 & #13				
GN	GOOSENECK VENT	1	REMAIN	
GV	GRAVITY VENTILATOR	4	REMAIN	SEE DETAIL 5- A302
EE	ELECTRICAL EQUIPMENT	4	REMAIN	SEE DETAIL 10- A302
WP	WALK PAD	2,302 SF	NEW	
ELECTRICAL EQUIPMENT				
CCTV	CAMERA	7	REMAIN	
LF	LIGHTING FIXTURE	18	REMAIN	
PA	PUBLIC ADDRESS SPEAKER	6	REMAIN	

ABREV.	NAME	QTY.	REMAIN/ REPLACE/ NEW	REFERENCE
PLUMBING EQUIPMENT				
RD	ROOF DRAIN	12	REPLACE	SEE DETAIL 4- A302
RV	ROOF VENT	12	REMAIN	SEE DETAIL 8- A302
APPROXIMATE QUANTITY OF ROOF ASSEMBLY REMOVAL PER KEYNOTE D5- 16,000 sq ft				
EXISTING GUARDRAIL POST- QTY 193. ASSUME 5% OF EXISTING GUARDRAIL BASE PLATES REQUIRE REINFORCEMENT. SEE STRUCTURAL DRAWINGS				
ANY EXISTING ROOF PENETRATIONS TO REMAIN- SEE DETAIL 8/A-302				

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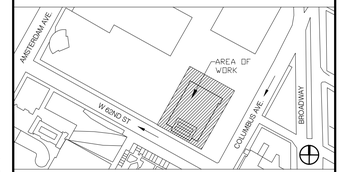
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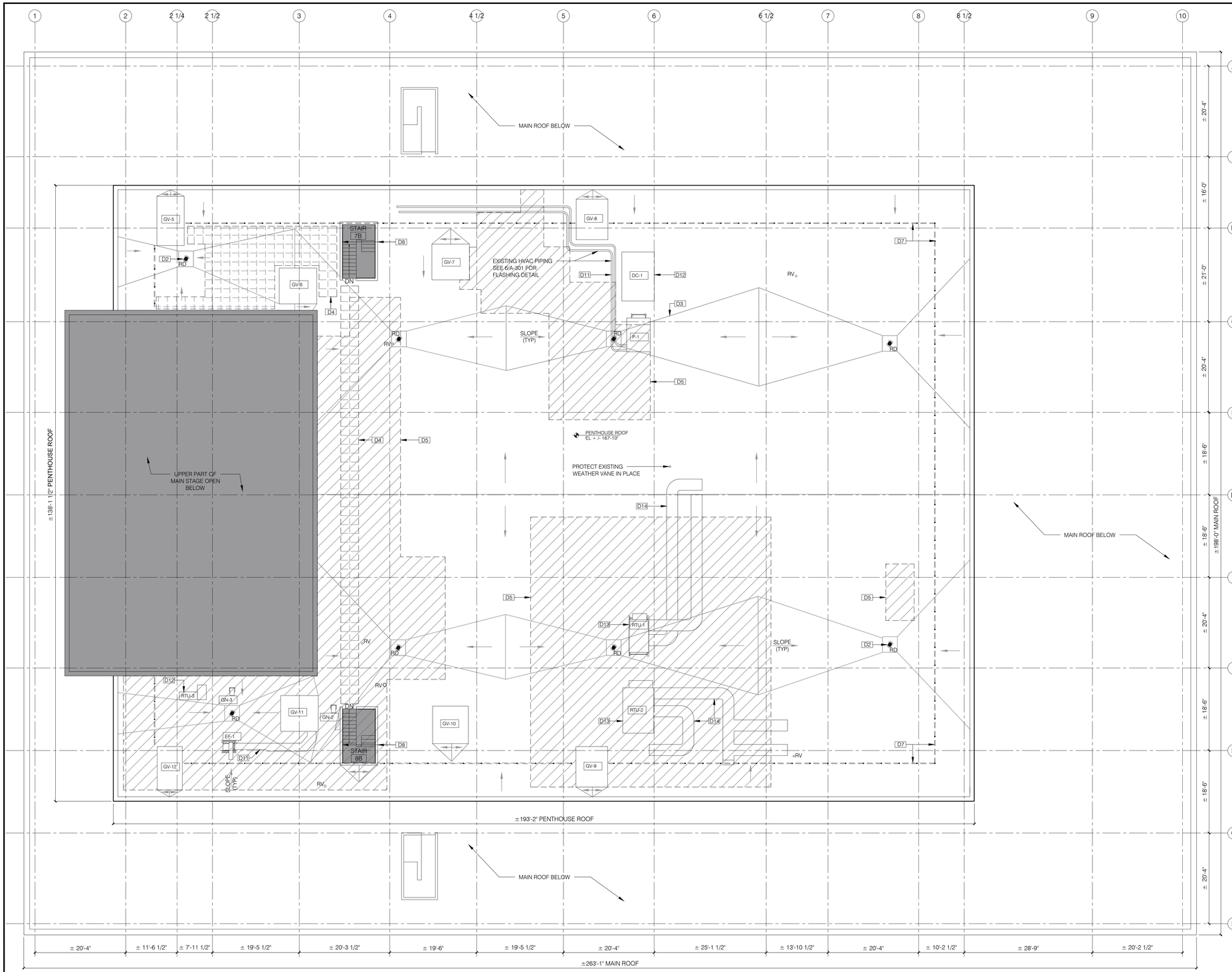
DOB NOW Application: M01206784-I1

DRAWING TITLE:
MAIN ROOF DEMOLITION PLAN

SEAL & SIGNATURE

REGISTERED ARCHITECT NANDINEE PHOOKAN 025226 STATE OF NEW YORK

DATE:	
PROJECT NO:	
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DRAWING NUMBER:	DM-101.00
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01 PENTHOUSE ROOF DEMOLITION PLAN
SCALE: 3/32" = 1'-0"

DEMOLITION LEGEND

- NOT IN SCOPE
- EXISTING PARTITION TO REMAIN, (FIELD VERIFY EXACT LOCATION)
- WALLS TO BE DEMOLISHED
- EXISTING DOOR TO BE REMOVED AND REPLACED- SEE NOTES ON THIS DWG
- EXISTING ROOF DRAIN TO BE REMOVED AND REPLACED- SEE NOTES ON THIS DWG
- EXISTING ROOF PAVERS TO BE REMOVED AND STORED- SEE NOTES ON THIS DWG
- ESTIMATED AREA OF ROOF ASSEMBLY TO REMOVE AND REPLACE- SEE 070150 MAINTENANCE OF MEMBRANE ROOFING SPECIFICATIONS

DEMOLITION KEY NOTES

D1 EXISTING LIGHT FIXTURES, PUBLIC ADDRESS SYSTEM, SECURITY CAMERAS EQUIPMENT AND WIRING/CONDUITS TO REMAIN (TYP. UNLESS OTHERWISE NOTED). GC TO COORDINATE WITH COMMISSIONER AND LINCOLN CENTER FOR THE PERFORMING ARTS FOR SCHEDULE, OPERATION PROTOCOL AND TEMPORARY RELOCATION (IF NECESSARY) TO REMAIN OPERATIONAL THROUGHOUT THE DURATION OF CONSTRUCTION.
SEE ELECTRICAL DRAWINGS

D2 EXISTING ROOF DRAIN TO BE REMOVED AND REPLACED (TYP.)

D3 EXISTING ROOF SLOPES TO BE MAINTAINED (TYP.)

D4 EXISTING CONCRETE PAVERS TO BE SALVAGED (TYP.)
GC TO CONSULT PROPOSED PLANS FOR AREAS REQUIRING INSTALLATION OF SALVAGED PAVERS. EXCESS PAVERS TO BE REMOVED.

D5 INSPECT ENTIRE EXISTING ROOF ASSEMBLY FOR MOISTURE BELOW THE MEMBRANE. REMOVE WET AREAS.
SEE 'ROOF ELEMENT' NOTE BELOW AND DETAIL 8/A-301 FOR ADDITIONAL INFORMATION

D6 REMOVE EXISTING DOOR AND FRAME. SALVAGE EXISTING HARDWARE- SEE HARDWARE SCHEDULE.

D7 EXISTING GUARDRAIL TO BE REMOVED DOWN TO THE BASE PLATE. PLATE AND ANCHORS TO REMAIN.
SEE DETAIL 7/A-302

D8 GUARDRAIL AND INSIDE METAL FASCIA AT STAIR PIT TO REMAIN AND BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION.

D9 EXISTING STAINLESS STEEL CLADDING AT TRUSS TO REMAIN AND BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION.

D10 EXISTING CROSSOVER STAIR OVER TRUSS BULKHEAD (QTY: 2) IS TO BE SALVAGED, STORED AND PROTECTED BY CONTRACTOR FOR REINSTALLATION. CONTRACTOR IS TO SALVAGE 4 CONCRETE PAVERS FOR EACH EXISTING STAIR TO SERVE AS SUPPORT FOR THE REINSTALLED STAIRS.

D11 ALL EXISTING DUNNAGE STEEL, INCLUDING DUCT SUPPORT, PLATFORMS AND STAIRS TO BE PROTECTED IN PLACE.

D12 ALL EXISTING MECHANICAL EQUIPMENT, UNLESS OTHERWISE NOTED (SEE D13), IS TO BE PROTECTED IN PLACE AND REMAIN OPERATIONAL FOR THE DURATION OF CONSTRUCTION.
SEE MECHANICAL DRAWINGS

D13 EXISTING RTU 1 AND RTU 2 TO BE REMOVED AND REPLACED WITH NEW RTUS SIMILAR IN SIZE AND CAPACITY.
SEE MECHANICAL DRAWINGS.

D14 DUCTWORK INSULATION AND WEATHERPROOF JACKET TO BE REMOVED AND REPLACED. PREPARE STEEL SUPPORTS FOR NEW ROOF MEMBRANE FLASHING.

D15 EXISTING ROOF HATCH- SEE DETAIL 03/ A-302 FOR NOTES ON PREPARATION.

D16 REMOVE GRAVEL BALLAST AND LOOSE LAID RIGID INSULATION ABOVE EXISTING ROOF MEMBRANE, TYPICAL AT STAGE HOUSE ROOF LEVEL.

D17 EXISTING SKYLIGHT, PROTECT DURING DEMOLITION AND CONSTRUCTION.

D18 REMOVE EXISTING FLASHING AND CLEAN EXISTING STEEL ARMATURES.

D19 EXISTING COMMUNICATION EQUIPMENT ON BALLASTED MOUNTING. REMOVE EXISTING MOUNTINGS. EQUIPMENT TO REMAIN OPERATIONAL DURING CONSTRUCTION. SEE PROPOSED PLAN AND CONSTRUCTION NOTE A16 FOR PERMANENT MOUNTING.

GENERAL NOTE: CONTRACTOR TO RETAIN A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK TO CONFIRM ALL MATERIALS TEMPORARILY STORED ON THE ROOF DO NOT EXCEED ACCEPTABLE LOAD LIMITS AS PER 2022 NYC BUILDING CODE CHAPTER 33.

PENTHOUSE ROOF ELEMENTS (NOTE: CONTRACTOR TO VERIFY ALL QUANTITIES SHOWN ON DRAWINGS)

ABREV.	NAME	QTY.	REMAIN/ REPLACE/ NEW	REFERENCE
MECHANICAL EQUIPMENT- SEE DEMOLITION NOTE #12 & #13				
GN	GOOSENECK VENT	3	REMAIN	
GV	GRAVITY VENTILATOR	8	REMAIN	SEE DETAIL 5- A302
EF	EXHAUST FAN	1	REMAIN	SEE DETAIL 6- A301
P	PUMP SKID	1	REMAIN	SEE DETAIL 6- A301
DC	DRY COOLER	1	REMAIN	SEE DETAIL 6- A301
RTU	ROOFTOP UNIT	3	SEE PLAN	SEE DETAIL 6- A301
WP	WALK PAD	1,748 SF	NEW	

ABREV.	NAME	QTY.	REMAIN/ REPLACE/ NEW	REFERENCE
PLUMBING EQUIPMENT				
RD	ROOF DRAIN	8	REPLACE	SEE DETAIL 4- A302
RV	ROOF VENT	6	REMAIN	SEE DETAIL 8- A302
APPROXIMATE QUANTITY OF ROOF ASSEMBLY REMOVAL PER KEYNOTE D5 - 8,500 sq ft				
EXISTING GUARDRAIL POST- QTY 116. ASSUME 5% OF EXISTING GUARDRAIL BASE PLATES REQUIRE REINFORCEMENT, SEE STRUCTURAL DRAWINGS				
ANY EXISTING ROOF PENETRATIONS TO REMAIN- SEE DETAIL 8/A-302				

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
NEW YORK, NY 10007
NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
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NEW YORK, NY 10007

MANAGING AGENCY :
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30-30 THOMSON AVENUE
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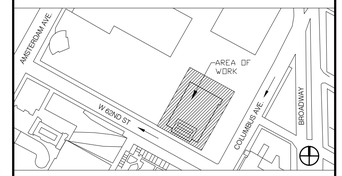
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45 MAIN STREET SUITE #620
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143 MAIN STREET
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ELECTRICAL/ PLUMBING ENGINEER:
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15 W 38TH STREET, 4TH FLOOR
NEW YORK, NY 10018

HVAC ENGINEER:
AXON ENGINEERING SERVICES, LLC
222 OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF
PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

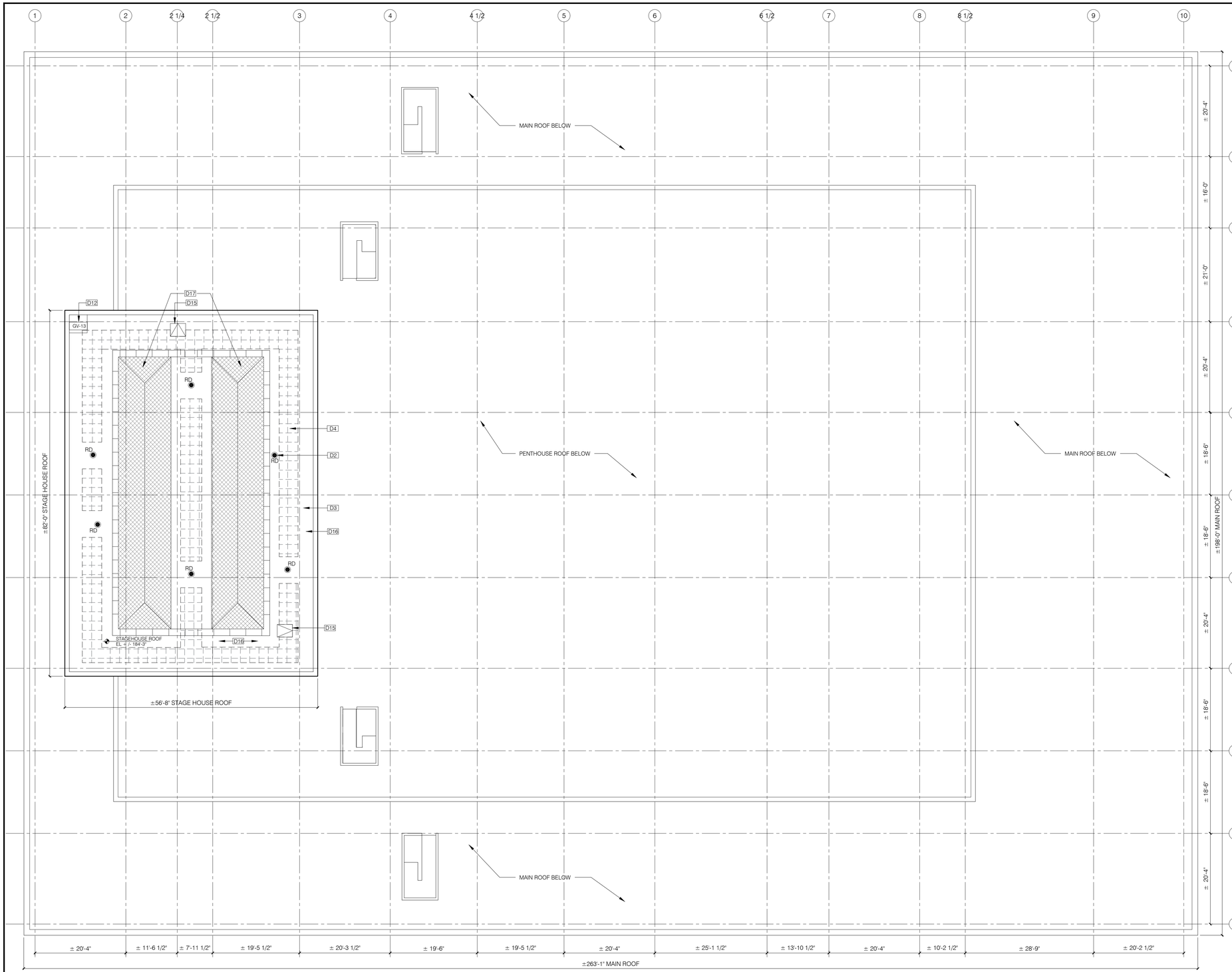
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01 STAGE HOUSE DEMOLITION ROOF PLAN
SCALE: 3/32" = 1'-0"

DEMOLITION LEGEND

- NOT IN SCOPE
- EXISTING PARTITION TO REMAIN. (FIELD VERIFY EXACT LOCATION)
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- EXISTING DOOR TO BE REMOVED AND REPLACED- SEE NOTES ON THIS DWG
- EXISTING ROOF DRAIN TO BE REMOVED AND REPLACED- SEE NOTES ON THIS DWG
- EXISTING ROOF PAVERS TO BE REMOVED AND STORED- SEE NOTES ON THIS DWG

DEMOLITION KEY NOTES

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D2 EXISTING ROOF DRAIN TO BE REMOVED AND REPLACED (TYP.)

D3 EXISTING ROOF SLOPES TO BE MAINTAINED (TYP.)

D4 EXISTING CONCRETE PAVERS TO BE SALVAGED (TYP.)
GC TO CONSULT PROPOSED PLANS FOR AREAS REQUIRING INSTALLATION OF SALVAGED PAVERS. EXCESS PAVERS TO BE REMOVED.

D5 INSPECT ENTIRE EXISTING ROOF ASSEMBLY FOR MOISTURE BELOW THE MEMBRANE. REMOVE WET AREAS. SEE 'ROOF ELEMENT' NOTE BELOW AND DETAIL 8/A-301 FOR ADDITIONAL INFORMATION

D6 REMOVE EXISTING DOOR AND FRAME. SALVAGE EXISTING HARDWARE- SEE HARDWARE SCHEDULE.

D7 EXISTING GUARDRAIL TO BE REMOVED DOWN TO THE BASE PLATE. PLATE AND ANCHORS TO REMAIN. SEE DETAIL 7/A-302

D8 GUARDRAIL AND INSIDE METAL FASCIA AT STAIR PIT TO REMAIN AND BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION.

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D16 REMOVE GRAVEL BALLAST AND LOOSE LAID RIGID INSULATION ABOVE EXISTING ROOF MEMBRANE, TYPICAL AT STAGE HOUSE ROOF LEVEL.

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STAGE HOUSE ROOF ELEMENTS (NOTE: CONTRACTOR TO VERIFY ALL QUANTITIES SHOWN ON DRAWINGS)

ABREV.	NAME	QTY.	REMAIN/ REPLACE/ NEW	REFERENCE
MECHANICAL EQUIPMENT- SEE DEMOLITION NOTE #12 & #13				
GV	GRAVITY VENTILATOR	1	REMAIN	SEE DETAIL 5- A302
WP	WALK PAD	716 SF	NEW	
PLUMBING EQUIPMENT				
RD	ROOF DRAIN	6	REPLACE	SEE DETAIL 4- A302
APPROXIMATE QUANTITY OF ROOF INSULATION AND GRAVEL REMOVAL - 4,400 sq ft				

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
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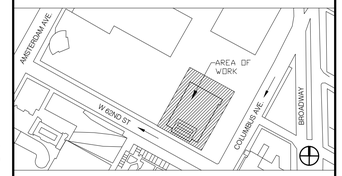
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HVAC ENGINEER:
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222 OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF
PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DOB NOW Application: M01206784-I1

DRAWING TITLE:
STAGE HOUSE DEMOLITION ROOF PLAN

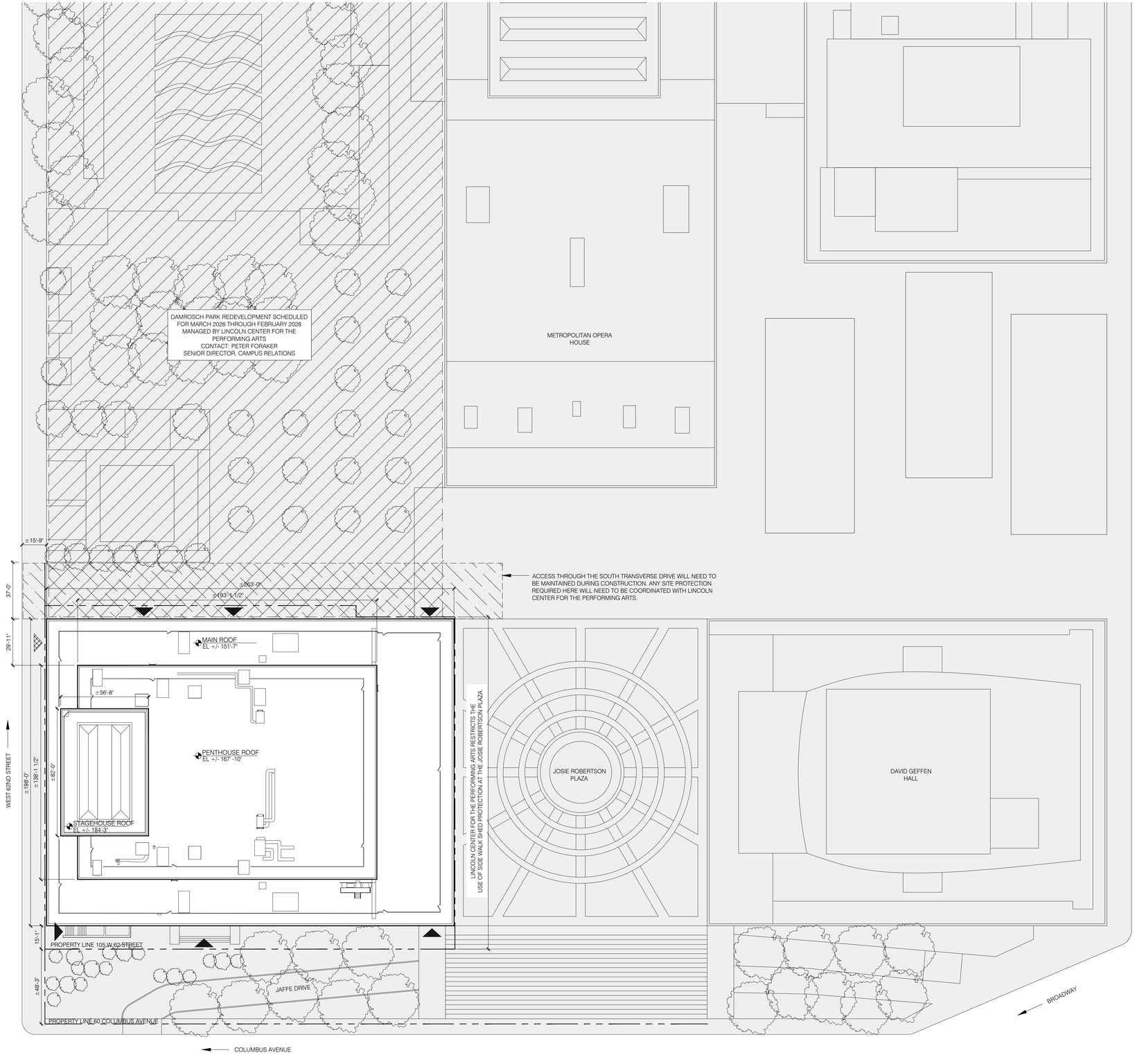
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SITE PLAN LEGEND

- EGRESS DOOR/ PATH AT GROUND LEVEL. ACCESS TO BE MAINTAINED DURING CONSTRUCTION
- ACTIVE LOADING DOCK FOR DHK THEATER- MAINTAIN ACCESS DURING CONSTRUCTION
- SOUTH TRANVERSE ACCESS FROM W 62ND ST TO PLAZA- MAINTAIN ACCESS THROUGH TRANSVERSE DURING CONSTRUCTION. COORDINATE WITH LCPA
- DAMROSCH PARK REDEVELOPMENT SCHEDULED FOR MARCH 2026 - FEBRUARY 2028



01 SITE PLAN
SCALE: 1/32"=1'-0"

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
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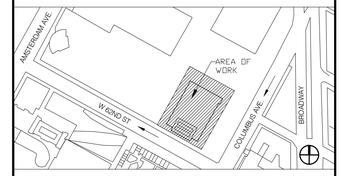
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KEY PLAN:



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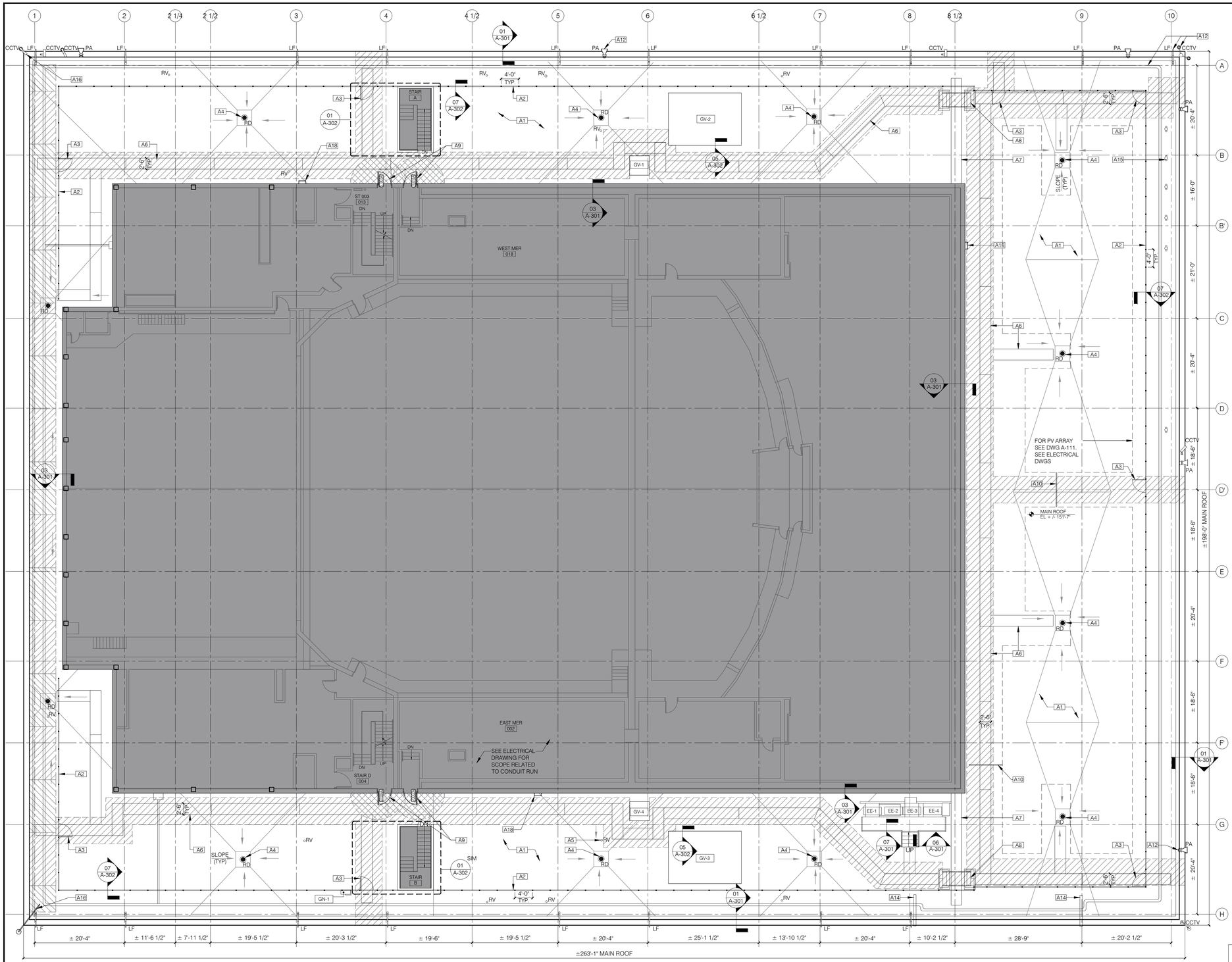
DOB NOW Application: M01206784-I1

DRAWING TITLE:
SITE PLAN

SEAL & SIGNATURE

REGISTERED ARCHITECT NANDINEE PHOOKAN 025226 STATE OF NEW YORK

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01 MAIN ROOF PROPOSED PLAN
SCALE: 3/32"=1'-0"

CONSTRUCTION LEGEND

- NOT IN SCOPE
- EXISTING WALL/ PARTITION TO REMAIN
- NEW DOOR- SEE NOTES ON DWG
- NEW SWING GATE- SEE NOTES ON DWG
- NEW FIXED GUARDRAIL AT EXISTING POST LOCATIONS- SEE NOTES ON DWG
- NEW WALK PADS- SEE ROOF ELEMENT LEGEND ON DWG

CONSTRUCTION KEY NOTES

A1 NEW LIQUID APPLIED WATERPROOFING SYSTEM.
FOR EXISTING INSULATION REPLACEMENT (WHERE REQUIRED) SEE NOTE D5 ON DEMO DRAWINGS.
SEE DETAIL 8/A-301

A2 NEW 42" HDG GUARDRAIL.
LOCATE AT EXISTING POST LOCATIONS.
SEE DETAIL 7/A-302.

A3 NEW SWING GATE.
PART OF HDG GUARDRAIL SYSTEM.
SELF CLOSING. MIN. 3'-0" WIDE.
SEE DETAIL 11/A-302

A4 NEW ROOF DRAIN.
PREPARE EXISTING SUBSTRATE TO RECEIVE NEW WATERPROOFING SYSTEM AS PER MANUFACTURERS SPECIFICATIONS.
SEE DETAIL 4/A-302
SEE PLUMBING DRAWINGS.

A5 EXISTING ROOF VENTS TO REMAIN.
SEE DETAIL 8/A-302

A6 NEW WALK PADS.

A7 EXISTING TRUSS BULKHEAD.
AT CONNECTIONS WITH DUNNAGE STEEL STRUCTURE, WATERPROOF MEMBERS WITH COLD LIQUID APPLIED SYSTEM AS PER MANUFACTURERS SPECIFICATIONS.
SEE DETAIL 7/A-401

A8 REINSTALL EXISTING CROSSOVER STAIR.
INSTALL OVER SALVAGED CONCRETE PAVERS AND DRAINAGE MAT.
SEE DEMO NOTE D10

A9 INSTALL NEW DOORS AND FRAME OVER NEW FLASHING.
SEE DEMO NOTE D6
SEE DETAILS 3-4-5-8/A-401

A10 NEW CONDUIT PATH FOR PV SYSTEM.
CONDUIT AND SUPPORT TO BE LESS THAN 12" TALL AND LESS THAN 24" WIDE AS PER FIRE CODE REQS FOR CLEAR PATH.
SEE DETAILS 10/A-302 + 09/A-401
SEE PV DRAWINGS

A11 NEW SAFETY SWITCH FOR PV INVERTER
SEE PV DRAWINGS.

A12 EXISTING LIGHT FIXTURES, PUBLIC ADDRESS SYSTEM, SECURITY CAMERAS EQUIPMENT AND WIRING/CONDUITS.
SEE DEMO NOTE D1
FOR NEW SUPPORT FOR EXISTING CONDUIT SEE DETAIL 10/A-302

A13 NEW FIXED PARAPET SIDE MOUNTED GUARDRAIL.
SEE DETAIL 2/A-301

A14 REPAINT AND FLASH EXISTING STEEL ARMATURES.
SEE DETAIL 6/A-301

A15 EXISTING PIPE PENETRATION TO REMAIN.
SEE DETAIL 8/A-302

A16 NEW FIXED MOUNTING FOR EXISTING COMMUNICATION EQUIPMENT.
SEE DEMO NOTE D19
SEE DETAIL 6/A-401

A17 INSTALL SALVAGED PAVERS- TRIM AS NECESSARY TO MINIMIZE GAPS AT PARAPET AND SKYLIGHT.

A18 STEEL ACCESS LADDER ANCHORED TO EXTERIOR WALL.
SEE DETAIL 03/A-201

FDNY LEGEND:

- FDNY CLEAR PATH (6' WIDE)
- FDNY LANDING (6x12' TYPICAL)
- FDNY CLEARANCE AT DOOR/ HATCH/ SKYLIGHT (3' WIDE)

MAIN ROOF ELEMENTS (NOTE: CONTRACTOR TO VERIFY ALL QUANTITIES SHOWN ON DRAWINGS)

ABREV.	NAME	QTY.	REMAIN/ REPLACE/ NEW	REFERENCE
MECHANICAL EQUIPMENT- SEE DEMOLITION NOTE #12 & #13				
GN	GOOSENECK VENT	1	REMAIN	
GV	GRAVITY VENTILATOR	4	REMAIN	SEE DETAIL 5- A302
EE	ELECTRICAL EQUIPMENT	4	REMAIN	SEE DETAIL 10- A302
WP	WALK PAD	2,302 SF	NEW	
ELECTRICAL EQUIPMENT				
CCTV	CAMERA	7	REMAIN	
LF	LIGHTING FIXTURE	18	REMAIN	
PA	PUBLIC ADDRESS SPEAKER	6	REMAIN	

ABREV.	NAME	QTY.	REMAIN/ REPLACE/ NEW	REFERENCE
PLUMBING EQUIPMENT				
RD	ROOF DRAIN	12	REPLACE	SEE DETAIL 4- A302
RV	ROOF VENT	12	REMAIN	SEE DETAIL 8- A302
APPROXIMATE LENGTH OF PROPOSED CONDUIT- 44'-0" (SEE KEYNOTE A10)				
PHOTOVOLTAIC EQUIPMENT- SEE PLANS A-111 AND A-112 FOR PV BASIS OF DESIGN				

DOB APPROVAL STAMP

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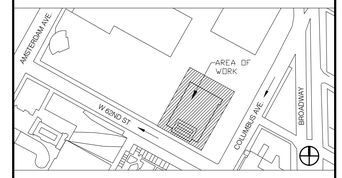
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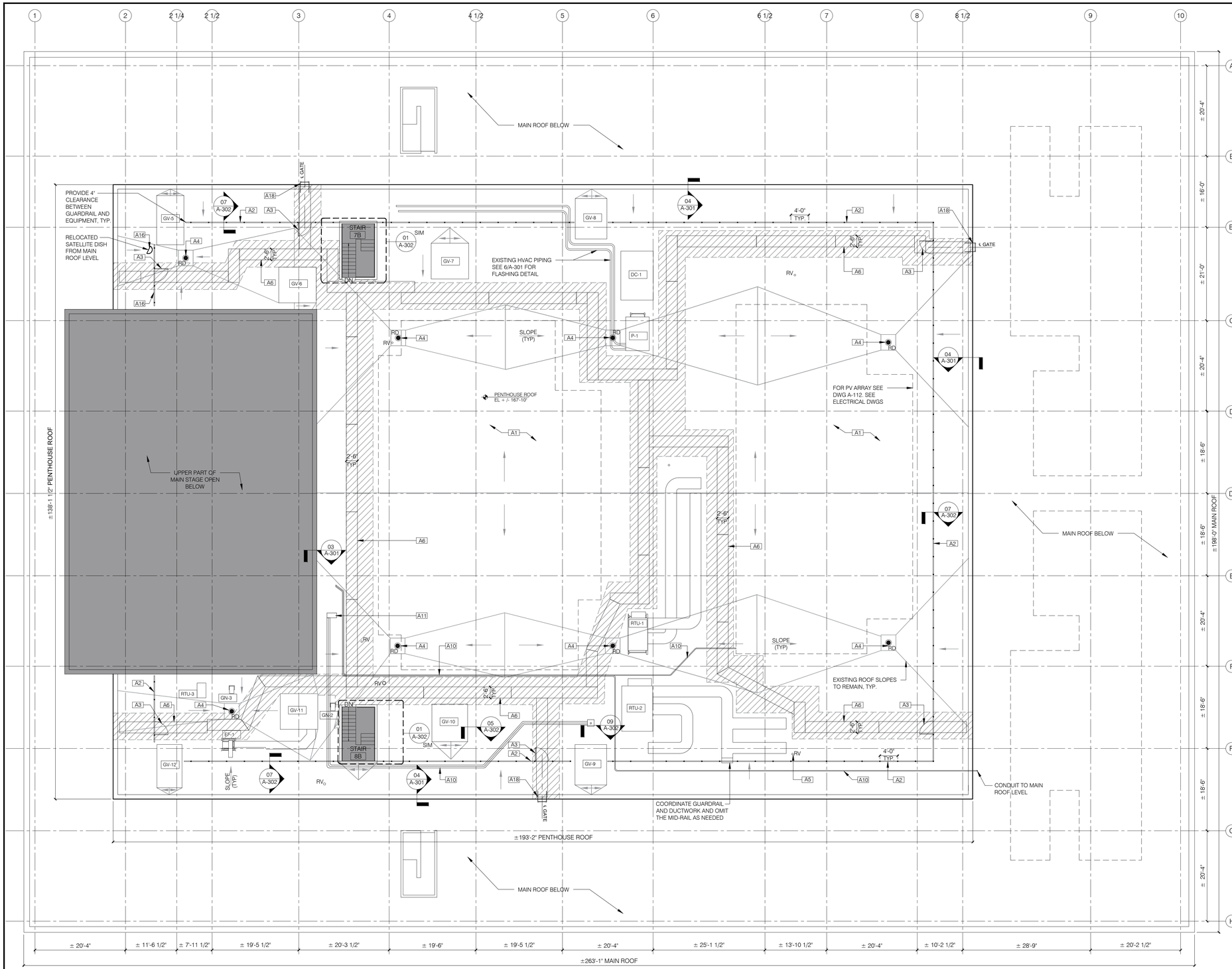
DOB NOW Application: M01206784-I1

DRAWING TITLE:
PROPOSED MAIN ROOF PLAN

SEAL & SIGNATURE

REGISTERED ARCHITECT
NANDINEE PHOOKAN
025226
STATE OF NEW YORK

DATE:	
PROJECT NO:	
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DRAWING NUMBER:	A-101.00
CADO FILE No:	
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01 PENTHOUSE PROPOSED ROOF PLAN
SCALE: 3/32"=1'-0"

CONSTRUCTION LEGEND

- NOT IN SCOPE
- EXISTING WALL/ PARTITION TO REMAIN
- NEW DOOR- SEE NOTES ON DWG
- NEW SWING GATE- SEE NOTES ON DWG
- NEW FIXED GUARDRAIL AT EXISTING POST LOCATIONS- SEE NOTES ON DWG
- NEW WALK PADS- SEE ROOF ELEMENT LEGEND ON DWG

CONSTRUCTION KEY NOTES

A1 NEW LIQUID APPLIED WATERPROOFING SYSTEM.
FOR EXISTING INSULATION REPLACEMENT (WHERE REQUIRED) SEE NOTE D5 ON DEMO DRAWINGS.
SEE DETAIL 8/A-301

A2 NEW 42" HDG GUARDRAIL.
LOCATE AT EXISTING POST LOCATIONS.
SEE DETAIL 7/A-302.

A3 NEW SWING GATE.
PART OF HDG GUARDRAIL SYSTEM.
SELF CLOSING. MIN. 3'-0" WIDE.
SEE DETAIL 11/A-302

A4 NEW ROOF DRAIN.
PREPARE EXISTING SUBSTRATE TO RECEIVE NEW WATERPROOFING SYSTEM AS PER MANUFACTURERS SPECIFICATIONS.
SEE DETAIL 4/A-302
SEE PLUMBING DRAWINGS.

A5 EXISTING ROOF VENTS TO REMAIN.
SEE DETAIL 8/A-302

A6 NEW WALK PADS.

A7 EXISTING TRUSS BULKHEAD.
AT CONNECTIONS WITH DUNNAGE STEEL STRUCTURE, WATERPROOF MEMBERS WITH COLD LIQUID APPLIED SYSTEM AS PER MANUFACTURERS SPECIFICATIONS.
SEE DETAIL 7/A-401

A8 REINSTALL EXISTING CROSSOVER STAIR.
INSTALL OVER SALVAGED CONCRETE PAVERS AND DRAINAGE MAT.
SEE DEMO NOTE D10

A9 INSTALL NEW DOORS AND FRAME OVER NEW FLASHING.
SEE DEMO NOTE D6
SEE DETAILS 3-4-5-8/A-401

A10 NEW CONDUIT PATH FOR PV SYSTEM. CONDUIT AND SUPPORT TO BE LESS THAN 12" TALL AND LESS THAN 24" WIDE AS PER FIRE CODE REQS FOR CLEAR PATH.
SEE DETAILS 10/A-302 + 09/A-401
SEE PV DRAWINGS

A11 NEW SAFETY SWITCH FOR PV INVERTER
SEE PV DRAWINGS.

A12 EXISTING LIGHT FIXTURES, PUBLIC ADDRESS SYSTEM, SECURITY CAMERAS EQUIPMENT AND WIRING/CONDUITS.
SEE DEMO NOTE D1
FOR NEW SUPPORT FOR EXISTING CONDUIT SEE DETAIL 10/A-302

A13 NEW FIXED PARAPET SIDE MOUNTED GUARDRAIL.
SEE DETAIL 2/A-301

A14 REPAINT AND FLASH EXISTING STEEL ARMATURES.
SEE DETAIL 6/A-301

A15 EXISTING PIPE PENETRATION TO REMAIN.
SEE DETAIL 8/A-302

A16 NEW FIXED MOUNTING FOR EXISTING COMMUNICATION EQUIPMENT.
SEE DEMO NOTE D19
SEE DETAIL 6/A-401

A17 INSTALL SALVAGED PAVERS- TRIM AS NECESSARY TO MINIMIZE GAPS AT PARAPET AND SKYLIGHT.

A18 STEEL ACCESS LADDER ANCHORED TO EXTERIOR WALL.
SEE DETAIL 03/A-201

FDNY LEGEND:

- FDNY CLEAR PATH (6' WIDE)
- FDNY LANDING (6x12 TYPICAL)
- FDNY CLEARANCE AT DOOR/ HATCH/ SKYLIGHT (3' WIDE)

PENTHOUSE ROOF ELEMENTS (NOTE: CONTRACTOR TO VERIFY ALL QUANTITIES SHOWN ON DRAWINGS)

ABREV.	NAME	QTY.	REMAIN/ REPLACE/ NEW	REFERENCE
MECHANICAL EQUIPMENT- SEE DEMOLITION NOTE #12 & #13				
GN	GOOSENECK VENT	3	REMAIN	
GV	GRAVITY VENTILATOR	8	REMAIN	SEE DETAIL 5- A302
EF	EXHAUST FAN	1	REMAIN	SEE DETAIL 6- A301
P	PUMP SKID	1	REMAIN	SEE DETAIL 6- A301
DC	DRY COOLER	1	REMAIN	SEE DETAIL 6- A301
RTU	ROOFTOP UNIT	3	SEE PLAN	SEE DETAIL 6- A301
WP	WALK PAD	1,748 SF	NEW	

ABREV.	NAME	QTY.	REMAIN/ REPLACE/ NEW	REFERENCE
PLUMBING EQUIPMENT				
RD	ROOF DRAIN	8	REPLACE	SEE DETAIL 4- A302
RV	ROOF VENT	6	REMAIN	SEE DETAIL 8- A302
APPROXIMATE LENGTH OF PROPOSED CONDUIT- 170'-0" (SEE KEYNOTE A10)				
PHOTOVOLTAIC EQUIPMENT- SEE PLANS A-111 AND A-112 FOR PV BASIS OF DESIGN				

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
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ONE CENTRE STREET, 17TH FLOOR SOUTH
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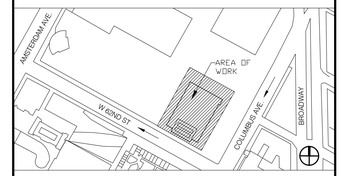
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NYACK, NY, 10960

ELECTRICAL/ PLUMBING ENGINEER:
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15 W 38TH STREET, 4TH FLOOR
NEW YORK, NY 10018

HVAC ENGINEER:
AXON ENGINEERING SERVICES, LLC
222 OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
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NYC DDC Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF

PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

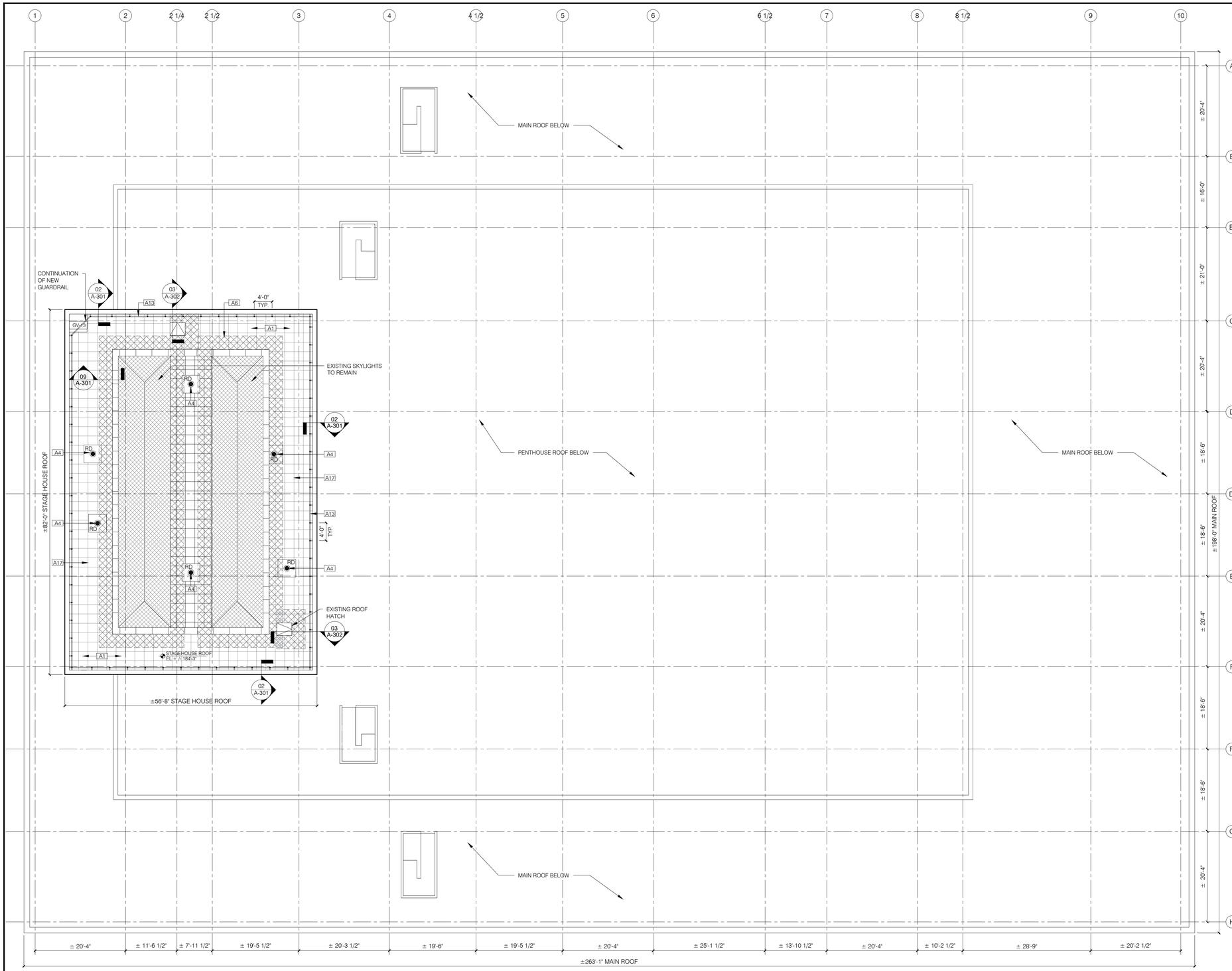
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PROPOSED PENTHOUSE ROOF PLAN

SEAL & SIGNATURE

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01 STAGE HOUSE PROPOSED ROOF PLAN
SCALE: 3/32"=1'-0"

CONSTRUCTION LEGEND

- NOT IN SCOPE
- EXISTING WALL/ PARTITION TO REMAIN
- NEW DOOR- SEE NOTES ON DWG
- NEW SWING GATE- SEE NOTES ON DWG
- NEW FIXED GUARDRAIL AT EXISTING POST LOCATIONS- SEE NOTES ON DWG
- NEW WALK PADS- SEE ROOF ELEMENT LEGEND ON DWG

CONSTRUCTION KEY NOTES

A1 NEW LIQUID APPLIED WATERPROOFING SYSTEM.
FOR EXISTING INSULATION REPLACEMENT (WHERE REQUIRED) SEE NOTE D5 ON DEMO DRAWINGS.
SEE DETAIL 8/A-301

A2 NEW 42" HDG GUARDRAIL.
LOCATE AT EXISTING POST LOCATIONS.
SEE DETAIL 7/A-302.

A3 NEW SWING GATE.
PART OF HDG GUARDRAIL SYSTEM.
SELF CLOSING. MIN. 3'-0" WIDE.
SEE DETAIL 11/A-302

A4 NEW ROOF DRAIN.
PREPARE EXISTING SUBSTRATE TO RECEIVE NEW WATERPROOFING SYSTEM AS PER MANUFACTURERS SPECIFICATIONS.
SEE DETAIL 4/A-302
SEE PLUMBING DRAWINGS.

A5 EXISTING ROOF VENTS TO REMAIN.
SEE DETAIL 8/A-302

A6 NEW WALK PADS.

A7 EXISTING TRUSS BULKHEAD.
AT CONNECTIONS WITH DUNNAGE STEEL STRUCTURE, WATERPROOF MEMBERS WITH COLD LIQUID APPLIED SYSTEM AS PER MANUFACTURERS SPECIFICATIONS.
SEE DETAIL 7/A-401

A8 REINSTALL EXISTING CROSSOVER STAIR.
INSTALL OVER SALVAGED CONCRETE PAVERS AND DRAINAGE MAT.
SEE DEMO NOTE D10

A9 INSTALL NEW DOORS AND FRAME OVER NEW FLASHING.
SEE DEMO NOTE D6
SEE DETAILS 3-4-5-8/A-401

A10 NEW CONDUIT PATH FOR PV SYSTEM. CONDUIT AND SUPPORT TO BE LESS THAN 12" TALL AND LESS THAN 24" WIDE AS PER FIRE CODE REQS FOR CLEAR PATH.
SEE DETAILS 10/A-302 + 09/A-401
SEE PV DRAWINGS

A11 NEW SAFETY SWITCH FOR PV INVERTER
SEE PV DRAWINGS.

A12 EXISTING LIGHT FIXTURES, PUBLIC ADDRESS SYSTEM, SECURITY CAMERAS EQUIPMENT AND WIRING/CONDUITS.
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FOR NEW SUPPORT FOR EXISTING CONDUIT SEE DETAIL 10/A-302

A13 NEW FIXED PARAPET SIDE MOUNTED GUARDRAIL.
SEE DETAIL 2/A-301

A14 REPAINT AND FLASH EXISTING STEEL ARMATURES.
SEE DETAIL 6/A-301

A15 EXISTING PIPE PENETRATION TO REMAIN.
SEE DETAIL 8/A-302

A16 NEW FIXED MOUNTING FOR EXISTING COMMUNICATION EQUIPMENT.
SEE DEMO NOTE D19
SEE DETAIL 6/A-401

A17 INSTALL SALVAGED PAVERS- TRIM AS NECESSARY TO MINIMIZE GAPS AT PARAPET AND SKYLIGHT.

A18 STEEL ACCESS LADDER ANCHORED TO EXTERIOR WALL.
SEE DETAIL 03/A-201

FDNY LEGEND:

- FDNY CLEAR PATH (6' WIDE)
- FDNY LANDING (6x12' TYPICAL)
- FDNY CLEARANCE AT DOOR/ HATCH/ SKYLIGHT (3' WIDE)

STAGE HOUSE ROOF ELEMENTS (NOTE: CONTRACTOR TO VERIFY ALL QUANTITIES SHOWN ON DRAWINGS)

ABREV.	NAME	QTY.	REMAIN/ REPLACE/ NEW	REFERENCE
MECHANICAL EQUIPMENT- SEE DEMOLITION NOTE #12 & #13				
GV	GRAVITY VENTILATOR	1	REMAIN	SEE DETAIL 5- A302
WP	WALK PAD	716 SF	NEW	
PLUMBING EQUIPMENT				
RD	ROOF DRAIN	6	REPLACE	SEE DETAIL 4- A302
APPROXIMATE QUANTITY OF ROOF INSULATION AND GRAVEL REMOVAL - 4,400 sq ft				

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
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ONE CENTRE STREET, 17TH FLOOR SOUTH
NEW YORK, NY 10007

MANAGING AGENCY :
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30-30 THOMSON AVENUE
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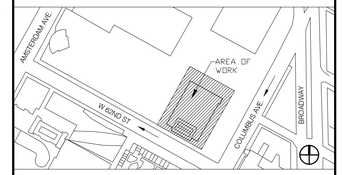
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HVAC ENGINEER:
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222 OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
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Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

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PV475ROOF

PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DOB NOW Application: M01206784-I1

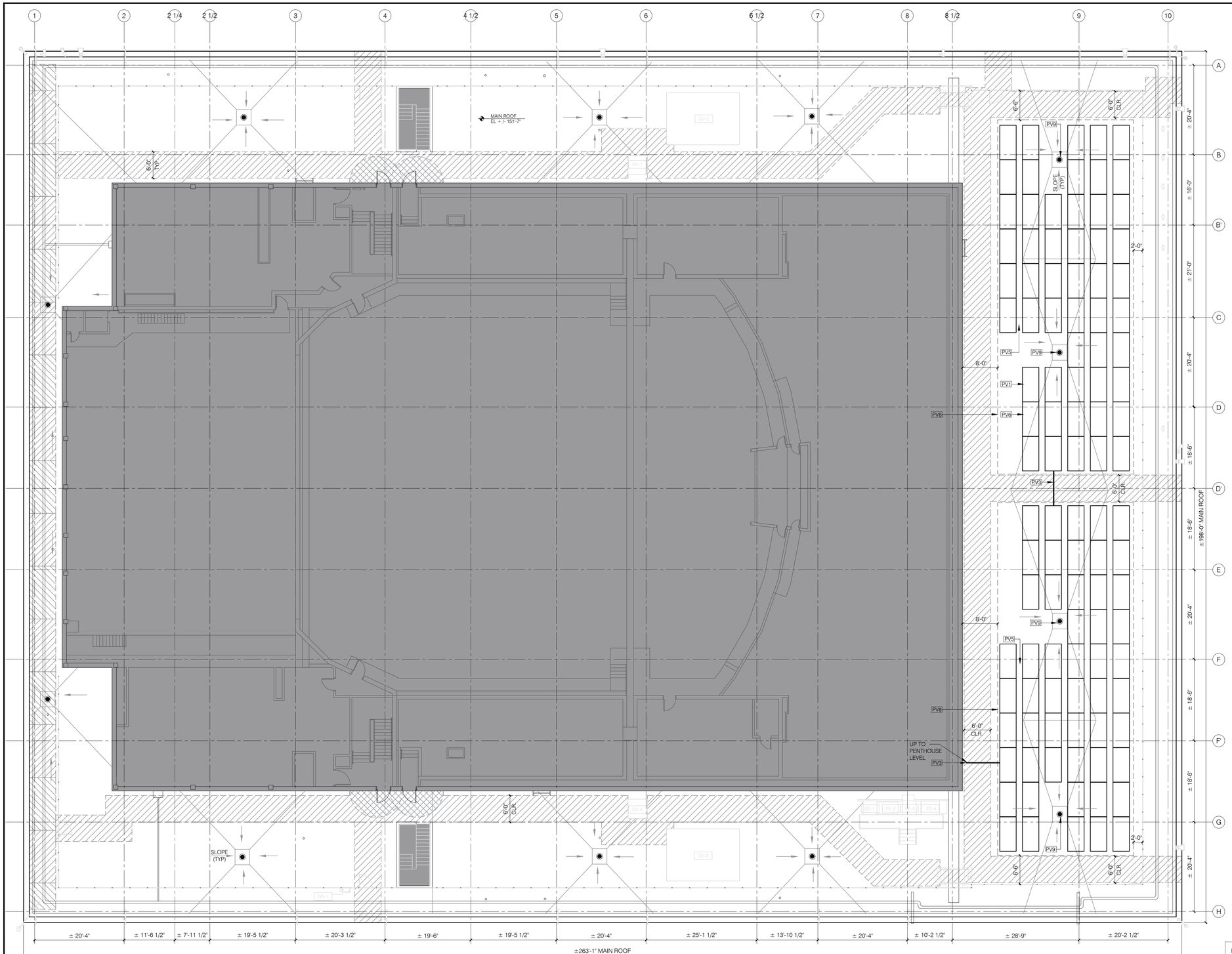
DRAWING TITLE:
PROPOSED STAGE HOUSE ROOF PLAN

DOB APPROVAL STAMP

SEAL & SIGNATURE

REGISTERED ARCHITECT NANDINEE PHOOKAN 025226 STATE OF NEW YORK

DATE:	
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CHECKED BY:	NP/AA
DRAWING NUMBER:	A-103.00
CADO FILE No:	00 OF 00



01 MAIN ROOF PROPOSED PV PLAN
SCALE: 3/32"=1'-0"

PV SYSTEM KEY NOTES

PV1 PV SYSTEM ARRAY SEE 'BASIS OF DESIGN' NOTES ON THIS DRAWING. CONTRACTOR TO PROVIDE FINAL SELECTION AND LAYOUT OF PV MODULES AND RELATED EQUIPMENT. PROVIDE BALLASTED MOUNTING WITH ROOF MEMBRANE PROTECTION.
SEE SPEC 263100 FOR ADDITIONAL INFORMATION.
SEE DETAIL 05/A301 FOR PV MOUNTING

PV2 PV SYSTEM INVERTERS SEE 'BASIS OF DESIGN' NOTES ON THIS DRAWING. CONTRACTOR TO PROVIDE FINAL SELECTION. PROVIDE BALLASTED MOUNTING WITH ROOF MEMBRANE PROTECTION.
SEE DETAIL 05/A301.
SEE SPEC 263100 FOR ADDITIONAL INFORMATION.

PV3 PV SYSTEM CONDUIT (DC) CONTRACTOR TO DETERMINE FINAL CONDUIT ROUTING AS REQUIRED FOR PV SYSTEM.
SEE 10/A302 AND 09/A401 FOR SUPPORT DETAIL.

PV4 PV SYSTEM CONDUIT (AC) CONTRACTOR TO PROVIDE CONDUIT AND WIRING FROM SWITCHGEAR ROOM IN SUBCELLAR MEZZANINE TO PANELBOARD AT PENTHOUSE LEVEL ROOF.
SEE 10/A302 FOR SUPPORT DETAIL.

PV5 MAINTAIN A 1'-6" MAINTENANCE CLEARANCE BETWEEN ROWS OF MODULES AT PV ARRAY.

PV6 REFER TO STRUCTURAL DWG FOR MAXIMUM GLOBAL LOAD ALLOWED FOR BALLASTED MOUNTING SYSTEM ON EXISTING ROOF STRUCTURE.

PV7 PV CONDUIT PENETRATION.
SEE DETAIL 09/A-302

PV8 PROPOSED BOUNDARY OF PV EQUIPMENT. MAINTAIN 2' FROM GUARDRAILS, 6' CLEAR PATHS FOR FDNY, AND ACCESS TO ROOF DRAINS AS INDICATED IN P3.

PV9 PROVIDE AND MAINTAIN 2' WIDE CLEAR PATH ACCESS TO ROOF DRAINS LOCATED WITHIN OR NEAR THE PV SYSTEM.

FDNY LEGEND:

- FDNY CLEAR PATH (6' WIDE)
- FDNY LANDING (6x12' TYPICAL)
- FDNY CLEARANCE AT DOOR/ HATCH/ SKYLIGHT (3' WIDE)

MAIN ROOF PHOTOVOLTAIC SYSTEM BASIS OF DESIGN (NOTE: SEE SPECIFICATIONS SECTION 263100 PHOTOVOLTAIC COLLECTORS FOR ADDITIONAL INFORMATION AND REQUIREMENTS

KEYNOTE	EQUIPMENT	MANUFACTURER	MODEL	QTY (MAIN ROOF)	NOTE
PV1	PHOTOVOLTAIC MODULE	TRINA SOLAR	TSM-NEG19RC.20	104	585W CAPACITY PER MODULE
	POWER OPTIMIZER	SOLAR EDGE	S1201	104	RAPID SHUTDOWN OF PV SYSTEM
	BALLASTED MOUNTING SYSTEM	KB RACKING	AERO GRID L	4,190 SF	FULL BALLASTED- NO ROOF ATTACHMENTS

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
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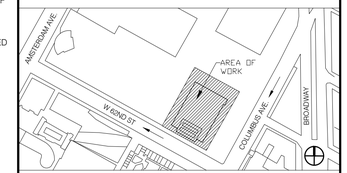
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GARFIELD, NJ 07026

KEY PLAN:



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NYC DDC Department of Design and Construction

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NYC BALLET ROOF REPLACEMENT
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FOR THE:
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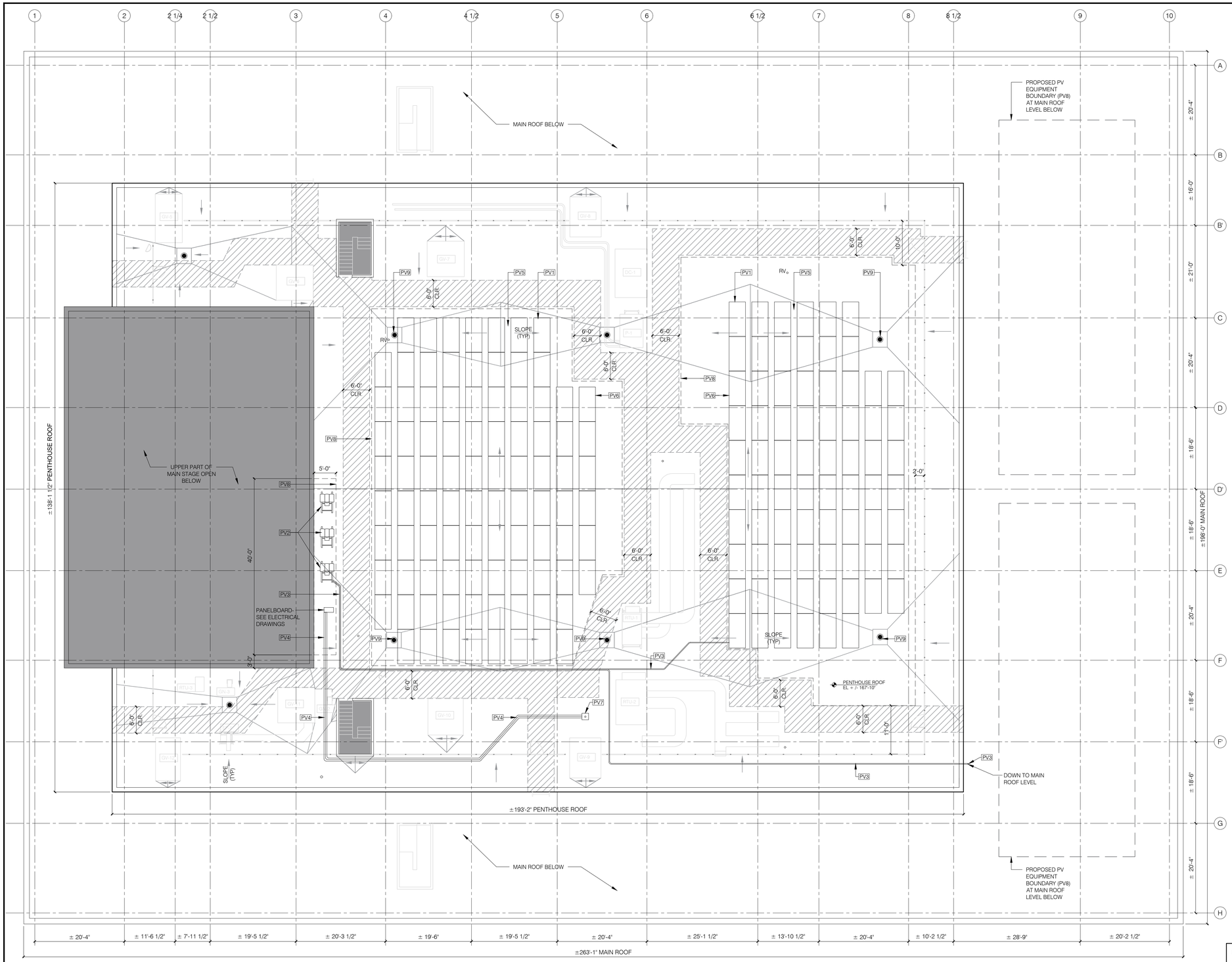
DOB NOW Application: M01206784-I1

DRAWING TITLE:
PROPOSED MAIN ROOF- PV ARRAY

SEAL & SIGNATURE

REGISTERED ARCHITECT NANDINEE PHOOKAN 025226 STATE OF NEW YORK

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01 PENTHOUSE PROPOSED PV ROOF PLAN
SCALE: 3/32"=1'-0"

PV SYSTEM KEY NOTES

PV1 PV SYSTEM ARRAY SEE 'BASIS OF DESIGN' NOTES ON THIS DRAWING. CONTRACTOR TO PROVIDE FINAL SELECTION AND LAYOUT OF PV MODULES AND RELATED EQUIPMENT. PROVIDE BALLASTED MOUNTING WITH ROOF MEMBRANE PROTECTION.
SEE SPEC 263100 FOR ADDITIONAL INFORMATION.
SEE DETAIL 05/A301 FOR PV MOUNTING

PV2 PV SYSTEM INVERTERS SEE 'BASIS OF DESIGN' NOTES ON THIS DRAWING. CONTRACTOR TO PROVIDE FINAL SELECTION. PROVIDE BALLASTED MOUNTING WITH ROOF MEMBRANE PROTECTION.
SEE DETAIL 05/A301.
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PV3 PV SYSTEM CONDUIT (DC) CONTRACTOR TO DETERMINE FINAL CONDUIT ROUTING AS REQUIRED FOR PV SYSTEM.
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PV5 MAINTAIN A 1'-6" MAINTENANCE CLEARANCE BETWEEN ROWS OF MODULES AT PV ARRAY.

PV6 REFER TO STRUCTURAL DWG FOR MAXIMUM GLOBAL LOAD ALLOWED FOR BALLASTED MOUNTING SYSTEM ON EXISTING ROOF STRUCTURE.

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FDNY LEGEND:

- FDNY CLEAR PATH (6' WIDE)
- FDNY LANDING (6x12' TYPICAL)
- FDNY CLEARANCE AT DOOR/ HATCH/ SKYLIGHT (3' WIDE)

PENTHOUSE ROOF PHOTOVOLTAIC SYSTEM BASIS OF DESIGN (NOTE: SEE SPECIFICATIONS SECTION 263100 PHOTOVOLTAIC COLLECTORS FOR ADDITIONAL INFORMATION AND REQUIREMENTS

KEYNOTE	EQUIPMENT	MANUFACTURER	MODEL	QTY (MAIN ROOF)	NOTE
PV1	PHOTOVOLTAIC MODULE	TRINA SOLAR	TSM-NEG19RC.20	166	585W CAPACITY PER MODULE
	POWER OPTIMIZER	SOLAR EDGE	S1201	166	RAPID SHUTDOWN OF PV SYSTEM
	BALLASTED MOUNTING SYSTEM	KB RACKING	AERO GRID L	6,690 SF	FULL BALLASTED- NO ROOF ATTACHMENTS
PV2	PHOTOVOLTAIC INVERTER	SOLAR EDGE	SE50KUS	3	RAPID SHUTDOWN OF PV SYSTEM
	INVERTER MOUNTING	BENTEK CORPORATION	IPR-AL1 INVERTER POWERBACK	3	FULL BALLASTED- NO ROOF ATTACHMENTS

NEW YORK CITY BALLET
ROOF REPLACEMENT

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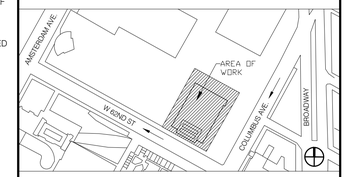
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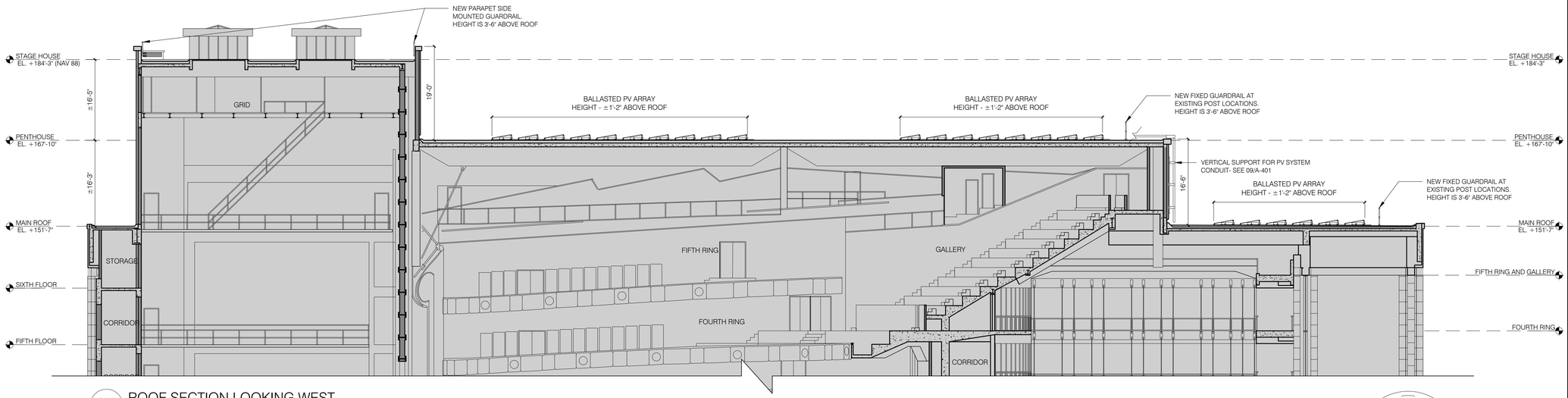
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PROPOSED PENTHOUSE ROOF- PV ARRAY

DOB APPROVAL STAMP

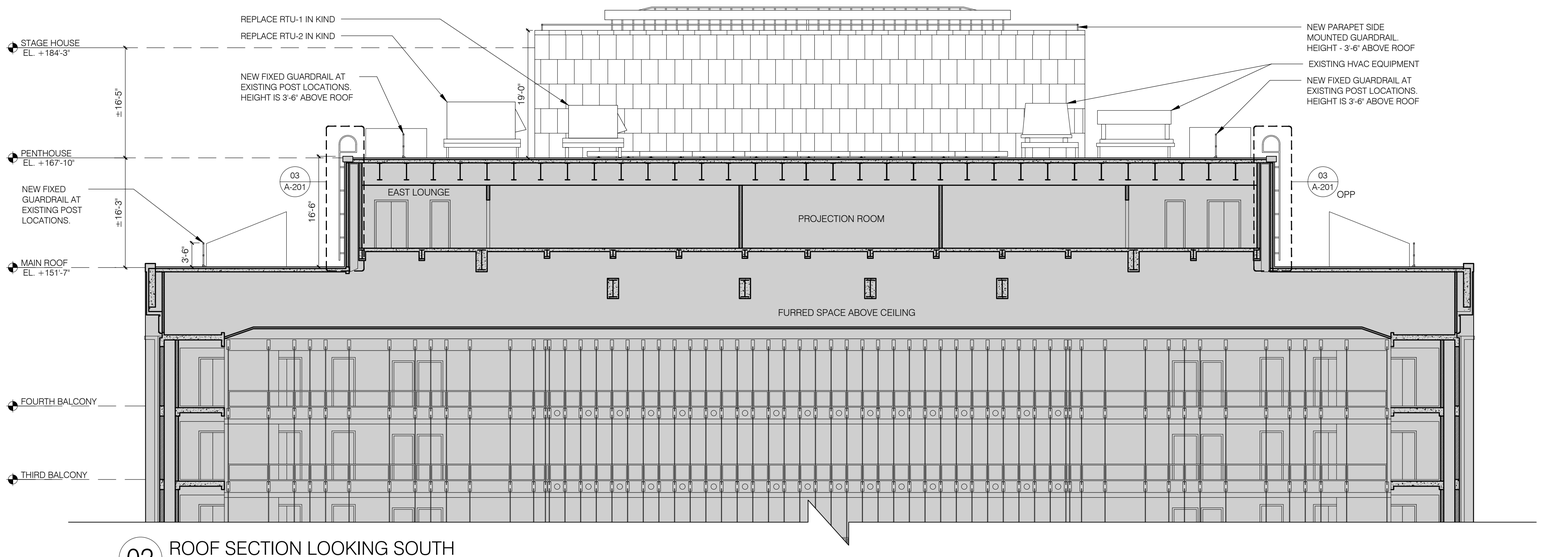
SEAL & SIGNATURE

REGISTERED ARCHITECT NANDINEE PHOOKAN 025226 STATE OF NEW YORK

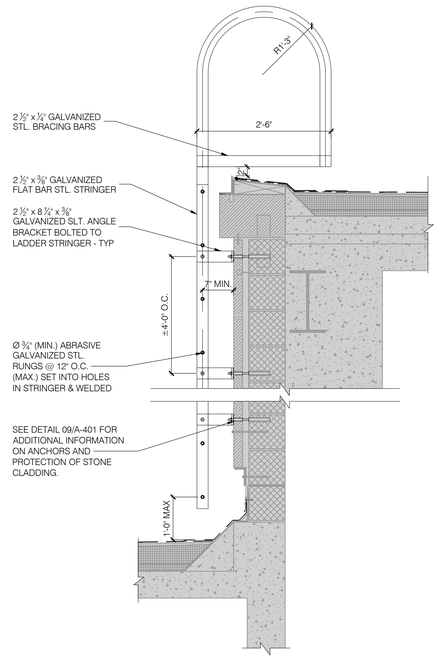
DATE:	
PROJECT NO:	
DRAWN BY:	OD/AD
CHECKED BY:	NP/AA
DRAWING NUMBER:	A-112.00
CADO FILE No:	OF



01 ROOF SECTION LOOKING WEST
SCALE: 3/32"=1'-0"



02 ROOF SECTION LOOKING SOUTH
SCALE: 3/32"=1'-0"



03 FDNY ACCESS LADDER
SCALE: 3/4"=1'-0"

LEGEND:

	EXISTING TO REMAIN
	EXISTING TO REMAIN

DOB APPROVAL STAMP

NEW YORK CITY BALLET

ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
NEW YORK, NY 10007
NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
ONE CENTRE STREET, 17TH FLOOR SOUTH
NEW YORK, NY 10007

MANAGING AGENCY :
NYC DEPARTMENT OF DESIGN & CONSTRUCTION (DDC)
30-30 THOMSON AVENUE
LONG ISLAND CITY, NY 11101

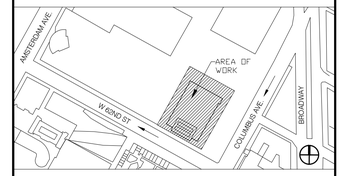
ARCHITECT:
NANDINEE PHOOKAN ARCHITECTS PC
45 MAIN STREET SUITE #620
BROOKLYN NY 11201

STRUCTURAL ENGINEER:
DRPILLA CONSULTING ENGINEERS
143 MAIN STREET
NYACK, NY, 10960

ELECTRICAL/ PLUMBING ENGINEER:
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15 W 38TH STREET, 4TH FLOOR
NEW YORK, NY 10018

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222 OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF
PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA, NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DOB NOW Application: M01206784-I1

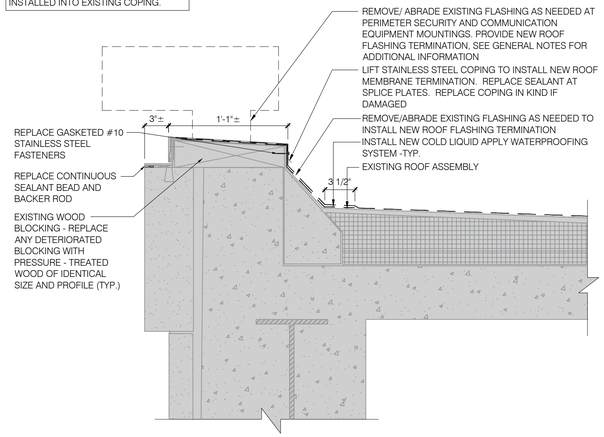
DRAWING TITLE:
ROOF SECTIONS

SEAL & SIGNATURE

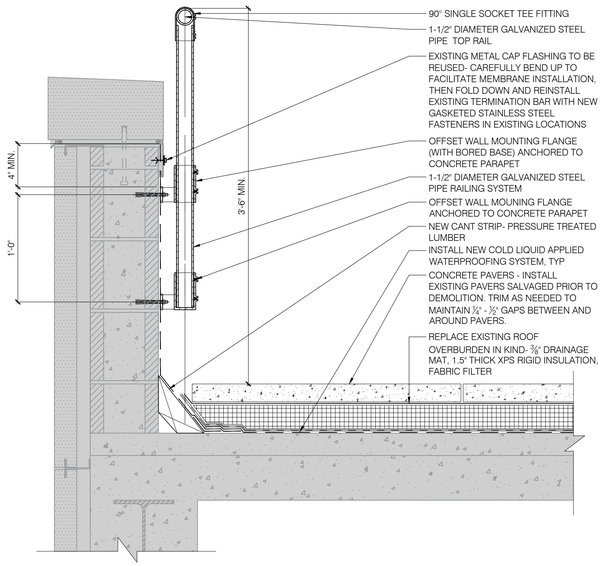
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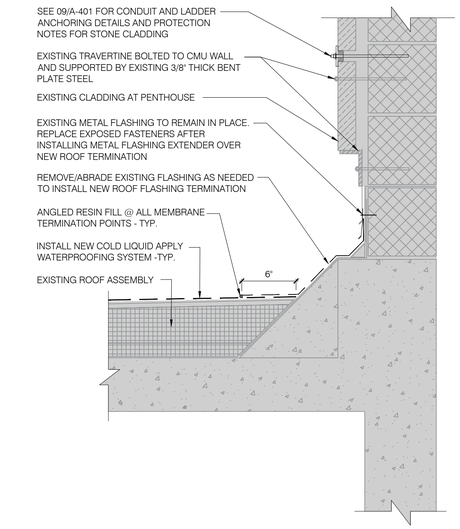
SECURITY AND COMMUNICATION EQUIPMENT NOTE:
REPLACE EXISTING FASTENERS IN KIND. PROVIDE GASKETS FOR ALL REPLACEMENT FASTENERS ENGAGING THE COPING. NO HOLES ARE TO BE INSTALLED INTO EXISTING COPING.



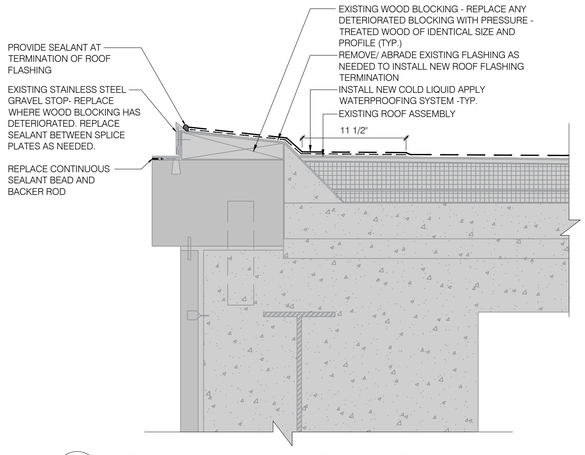
01 TYP. PARAPET AT MAIN ROOF
SCALE: 1-1/2"=1'-0"



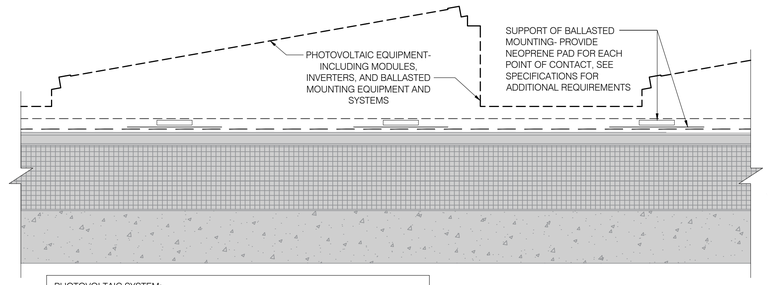
02 TYP. PARAPET AT STAGEHOUSE ROOF
SCALE: 1-1/2"=1'-0"



03 TYP. FLASHING AGAINST PENTHOUSE/ STAGE HOUSE WALLS
SCALE: 1-1/2"=1'-0"

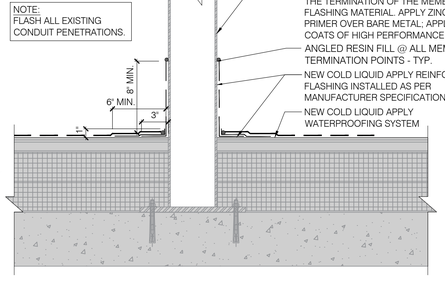


04 TYP. PARAPET AT PENTHOUSE ROOF
SCALE: 1-1/2"=1'-0"

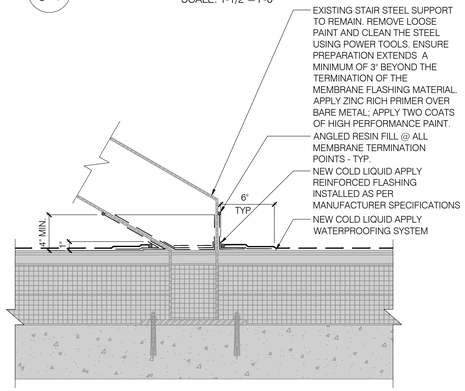


PHOTOVOLTAIC SYSTEM:
SEE A-111 AND A-112 FOR THE PV SYSTEM BASIS OF DESIGN, INCLUDING EQUIPMENT, QUANTITIES, AND LAYOUTS. FINAL PV DESIGN IS THE RESPONSIBILITY OF THE CONTRACTOR. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
SEE 263100 PHOTOVOLTAIC SYSTEM DESIGN FOR ADDITIONAL REQUIREMENTS.

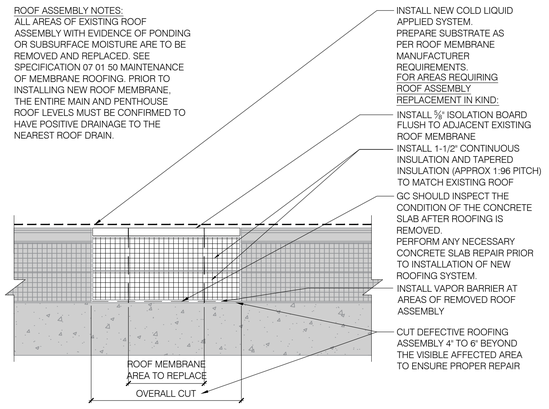
05 ROOF SECTION @ BALLASTED PV ARRAY
SCALE: 1-1/2"=1'-0"



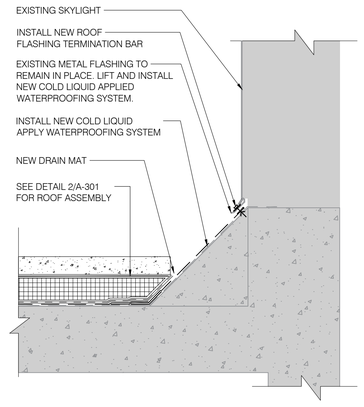
06 DETAIL @ STEEL SUPPORT
SCALE: 1 1/2"=1'-0"



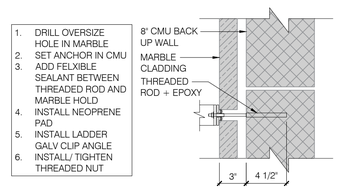
07 DETAIL @ STEEL DUNNAGE STAIR CONNECTION
SCALE: 1 1/2"=1'-0"



08 MAIN AND PENTHOUSE ROOF ASSEMBLY REPLACEMENT
SCALE: 1 1/2"=1'-0"



09 FLASHING AT SKYLIGHT
SCALE: 1-1/2"=1'-0"



10 STONE ANCHORING DETAIL
SCALE: 1-1/2"=1'-0"

GENERAL NOTES:

1. CONTRACTOR SHALL INSPECT THE ROOF PERIMETER AND EXISTING COPING AT ALL ROOF LEVELS PRIOR TO THE INSTALLATION OF THE ROOF MEMBRANE. IDENTIFY AND ALL AREAS WHERE EXISTING ROOF COPING AND PRESSURE TREATED BLOCKING REQUIRE IN-KIND REPLACEMENT.
2. REMOVE AND REPLACE IN-KIND ALL AREAS OF THE EXISTING ROOF ASSEMBLY SYSTEM (INCLUDING MEMBRANE, PROTECTION BOARD, INSULATION, VAPOR BARRIER) WHERE MOISTURE IS DETECTED OR WHERE EVIDENCE OF PONDING IS VISIBLE. SEE 070150 FOR INFRARED SCAN REQUIREMENTS TO CONFIRM THE PRESENCE OF MOISTURE WITHIN THE EXISTING ROOF ASSEMBLY. PRIOR TO INSTALLING THE NEW ROOF MEMBRANE, CONFIRM THAT THE ENTIRE SUBSTRATE AT THE MAIN AND PENTHOUSE ROOFS PROVIDE POSITIVE DRAINAGE.
3. AT THE MAIN AND PENTHOUSE ROOF LEVELS EXISTING STEEL SUPPORTS PENETRATE THE CURRENT ROOF MEMBRANE, INCLUDING W-SECTIONS, C-CHANNELS, ANGLES, ROUND OR SQUARE TUBES. REFER TO DETAIL 07/A-301 FOR REQUIREMENTS RELATED TO STEEL SURFACE PREPARATION, PAINTING, AND FLASHING INTEGRATION WITH THE NEW ROOF MEMBRANE SYSTEM.
4. PROVIDE NEW STAINLESS STEEL TERMINATION BARS AND GASKETED STAINLESS STEEL FASTENERS AT ALL EXISTING LOCATIONS.
5. FINAL CONFIGURATION OF THE PHOTOVOLTAIC (PV) SYSTEM IS THE RESPONSIBILITY OF THE CONTRACTOR. SEE 26 31 00 PHOTOVOLTAIC SYSTEM DESIGN.

LEGEND:

EXISTING TO REMAIN

EXISTING TO REMAIN

DOB APPROVAL STAMP

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ROOF REPLACEMENT

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NEW YORK, NY 10023

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NEW YORK, NY 10023

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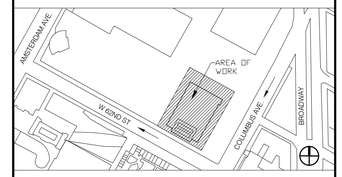
ARCHITECT:
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45 MAIN STREET SUITE #620
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KEY PLAN:



NUMBER	DESCRIPTION	DATE
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Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
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PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

FOR THE:
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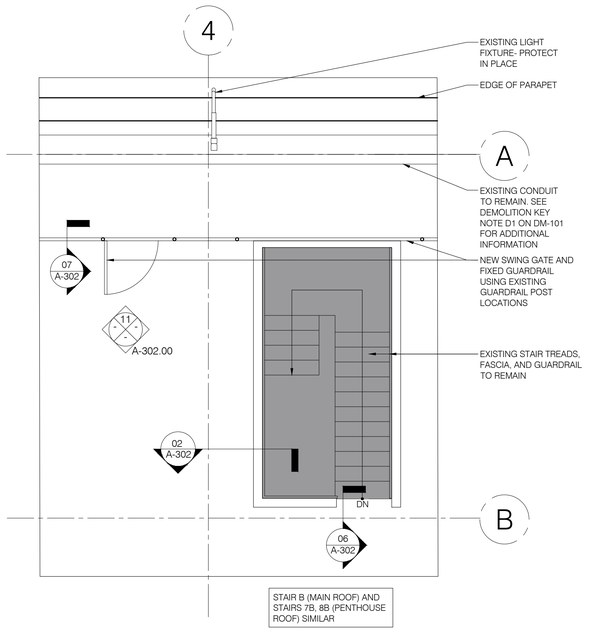
DOB NOW Application: M01206784-I1

DRAWING TITLE:
DETAILS & ROOF SECTIONS

SEAL & SIGNATURE

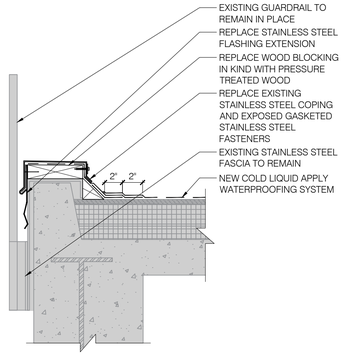
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STATE OF NEW YORK

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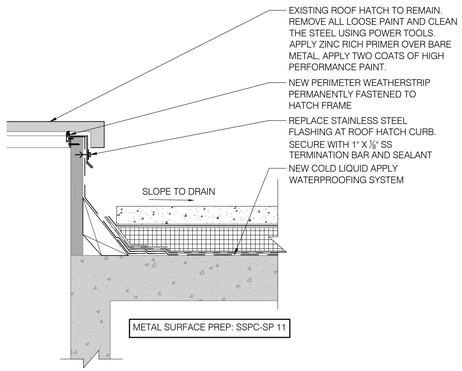
01 ENLARDGED PLAN @ STAIR A

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



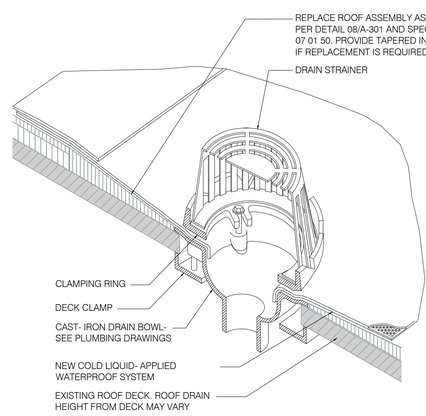
02 STAIRWAY EDGE CONDITION

SCALE: 1 1/2"=1'-0"



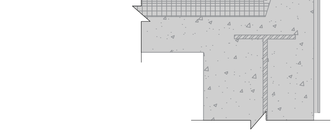
03 HATCH CURB DETAIL

SCALE: 1 1/2"=1'-0"



04 ROOF DRAIN DETAIL

SCALE: 1 1/2"=1'-0"



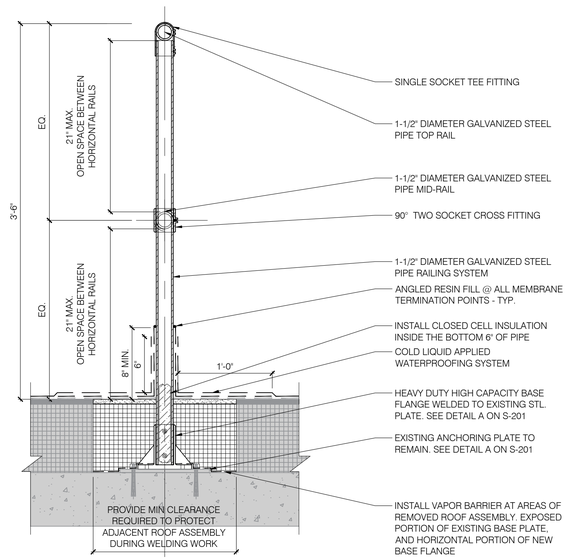
05 VENTILATOR BULKHEAD

SCALE: 1 1/2"=1'-0"



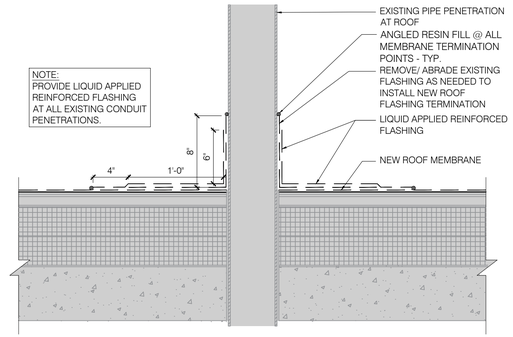
06 DETAIL @ TOP OF STAIR

SCALE: 1 1/2"=1'-0"



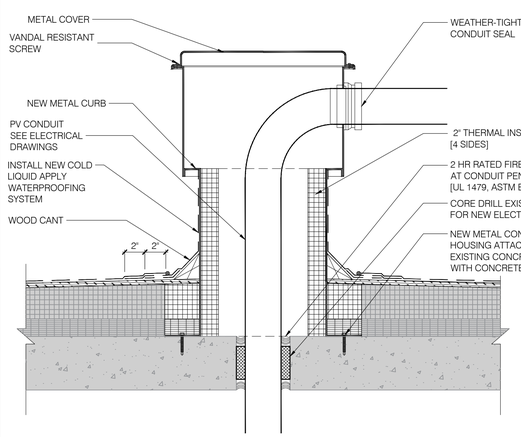
07 FIXED GUARDRAIL @ PERIMETER OF MAIN AND PENTHOUSE ROOF

SCALE: 1 1/2"=1'-0"



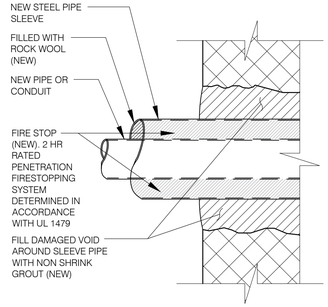
08 EXISTING PIPE VENT DETAIL

SCALE: 1 1/2"=1'-0"



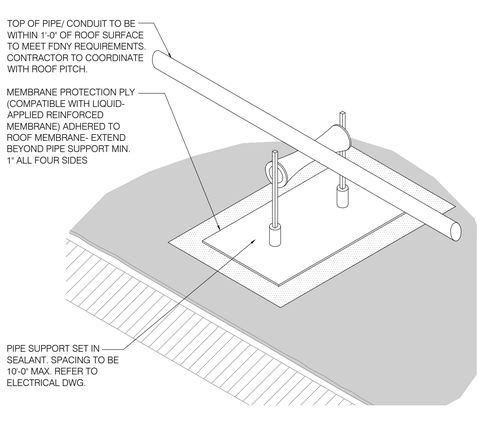
09 PV CONDUIT PENETRATION DETAIL

SCALE: 1 1/2"=1'-0"



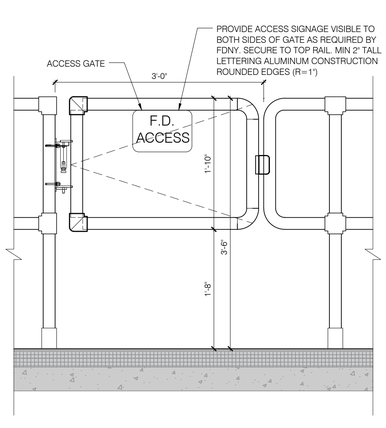
9B CONDUIT PENETRATION

SCALE: N.T.S.



10 ROOF CONDUIT SUPPORT DETAIL

SCALE: N.T.S.



11 SWING GATE DETAIL

SCALE: 1"=1'-0"

GENERAL NOTES:

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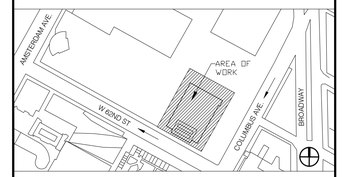
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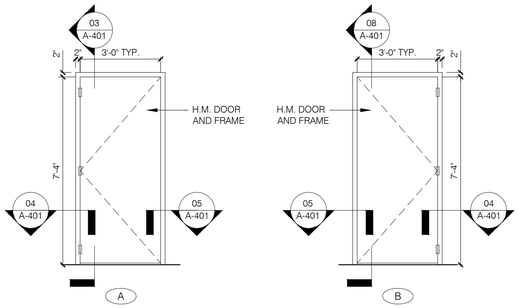
DRAWING TITLE:
DETAILS & ROOF SECTIONS

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DATE:	
PROJECT NO:	
DRAWN BY:	OD/AD
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CADO FILE No:	OF

DOOR TYPES



DOOR SCHEDULE

NO.	LOCATION	FIN. OPENING W. H. TH.	DOOR TYPE	DOOR MAT'L FIN.	FRAME MAT'L FIN.	HW SET	FIRE RATING	REMARKS
ST004A	MAIN ROOF/ STAIR DOOR	3'-0" X 7'-4" X 1 3/4"	A	HM	HM	1	90 MIN	EXISTING EXTERIOR DOOR AND FRAME TO BE REMOVED & REPLACED
70002A	MAIN ROOF/ MER DOOR	3'-0" X 7'-4" X 1 3/4"	B	HM	HM	2	90 MIN	EXISTING EXTERIOR DOOR AND FRAME TO BE REMOVED & REPLACED
ST003A	MAIN ROOF/ STAIR DOOR	3'-0" X 7'-4" X 1 3/4"	A	HM	HM	1	90 MIN	EXISTING EXTERIOR DOOR AND FRAME TO BE REMOVED & REPLACED
70018A	MAIN ROOF/ MER DOOR	3'-0" X 7'-4" X 1 3/4"	B	HM	HM	2	90 MIN	EXISTING EXTERIOR DOOR AND FRAME TO BE REMOVED & REPLACED

NOTE: DOOR OPENING SIZES TO BE VERIFIED IN FIELD.

HARDWARE SCHEDULE

QTY (EA)	DESCRIPTION	MODEL	MANUFACTURER	FINISH	COMMENTS
SET #1- SINGLE [EXTERIOR] : #ST004A/ #ST003A					
1 EA	THRESHOLD	566	ZERO	ALUMINUM	
1 EA	PERIMETER WEATHERSTRIP	475	ZERO	AA	
1 EA	DOOR SWEEP	EXISTING	EXISTING	EXISTING	RE-USE FROM EXISTING DOOR.
1 EA	CONTINUOUS HINGE	EXISTING	EXISTING	EXISTING	RE-USE FROM EXISTING DOOR.
1 EA	CLOSER	EXISTING	EXISTING	EXISTING	RE-USE FROM EXISTING DOOR.
1 EA	PANIC BAR	EXISTING	EXISTING	EXISTING	RE-USE FROM EXISTING DOOR.
1 EA	ENTRANCE LOCKSET	EXISTING	EXISTING	EXISTING	RE-USE FROM EXISTING DOOR. LEVER ON PULL SIDE.
SET #2- SINGLE [EXTERIOR] : #70002A/ #70018A					
1 EA	THRESHOLD	6710/ 68 (X2)	ZERO	ALUMINUM	
1 EA	PERIMETER WEATHERSTRIP	475	ZERO	AA	
1 EA	DOOR SWEEP	EXISTING	EXISTING	EXISTING	RE-USE FROM EXISTING DOOR.
1 EA	CONTINUOUS HINGE	EXISTING	EXISTING	EXISTING	RE-USE FROM EXISTING DOOR.
1 EA	CLOSER	EXISTING	EXISTING	EXISTING	RE-USE FROM EXISTING DOOR.
1 EA	PANIC BAR	EXISTING	EXISTING	EXISTING	RE-USE FROM EXISTING DOOR.
1 EA	ENTRANCE LOCKSET	EXISTING	EXISTING	EXISTING	RE-USE FROM EXISTING DOOR. LEVER ON PULL SIDE.

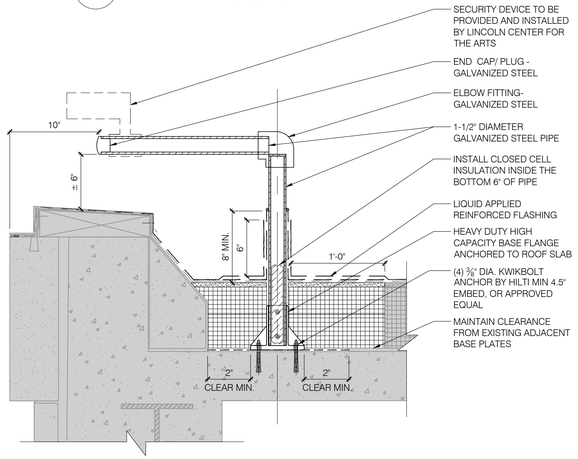
NOTE: RE-USE HARDWARE SALVAGED FROM EXISTING DOOR. COORDINATE ACCESS CONTROLS WITH DHK THEATER VENDOR.

01 DOOR HARDWARE SCHEDULE
SCALE: NTS

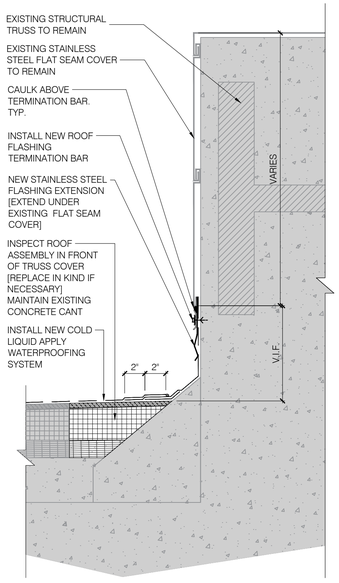
EXTERIOR FINISH SCHEDULE

PLAN LEVEL	ELEMENT	FINISH
MAIN/ PENTHOUSE ROOF	STEEL DUNNAGE	PRIMER AND TWO FINISH COATS, SEE SPECIFICATIONS.
STAGE HOUSE ROOF	HATCH	PRIMER AND TWO FINISH COATS, SEE SPECIFICATIONS.
MAIN ROOF	EXTERIOR DOORS	SHOP PRIMED, PRIMER AND FINISH COAT, SEE SPECIFICATIONS.
MAIN/ PENTHOUSE ROOF	GUARDRAILS	HOT DIPPED GALVANIZED, SEE SPECIFICATIONS.
MAIN/ PENTHOUSE ROOF	ACCESS LADDER	SHOP PRIMED, PRIMER AND FINISH COAT, SEE SPECIFICATIONS.

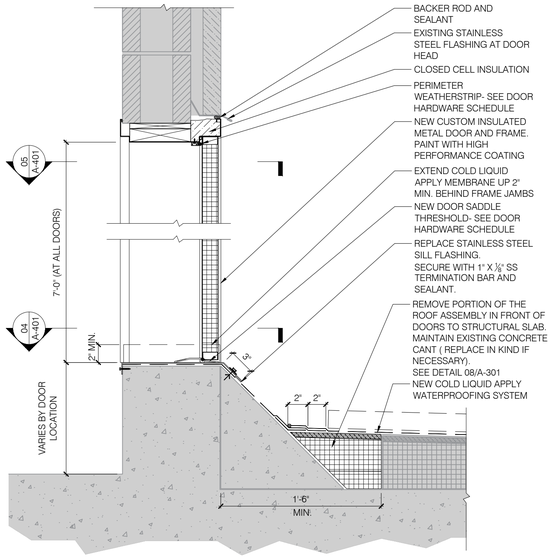
02 EXTERIOR FINISH SCHEDULE
SCALE: NTS



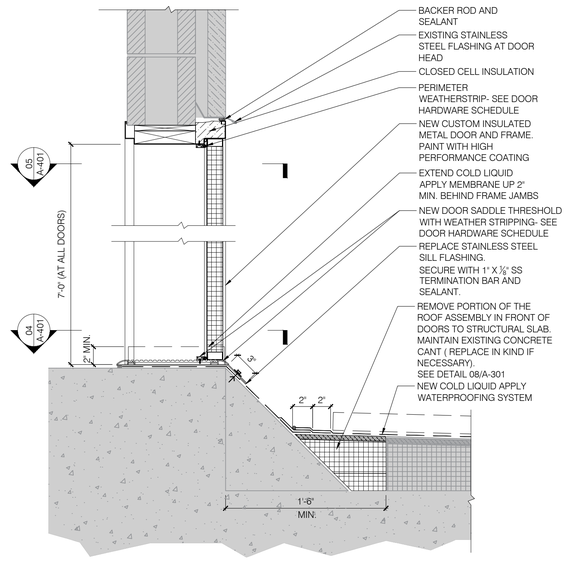
06 MOUNTING DETAIL FOR OWNER'S DEVICES
SCALE: 1 1/2"=1'-0"



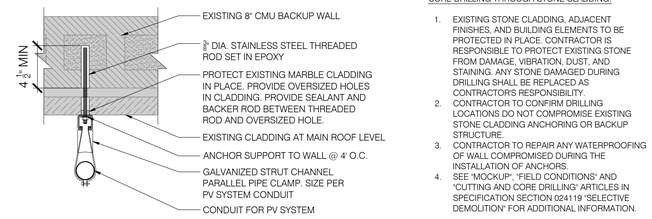
07 TRUSS BULKHEAD COVER DETAIL
SCALE: 1 1/2"=1'-0"



03 SILL AND HEAD DETAIL- AT STEPPED ENTRANCE
SCALE: 1 1/2"=1'-0"



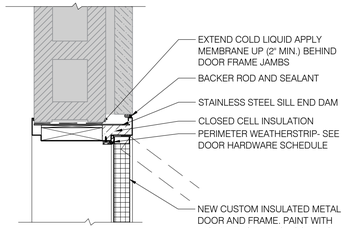
08 SILL AND HEAD DETAIL- AT FLUSHED ENTRANCE
SCALE: 1 1/2"=1'-0"



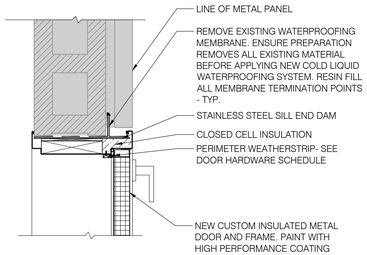
09 PV CONDUIT VERTICAL BRACING DETAIL
SCALE: 1 1/2"=1'-0"

CORE DRILLING THROUGH STONE CLADDING:

1. EXISTING STONE CLADDING, ADJACENT FINISHES, AND BUILDING ELEMENTS TO BE PROTECTED IN PLACE. CONTRACTOR IS RESPONSIBLE TO PROTECT EXISTING STONE FROM DAMAGE, VIBRATION, DUST, AND STAINING. ANY STONE DAMAGED DURING DRILLING SHALL BE REPLACED AS CONTRACTORS RESPONSIBILITY.
2. CONTRACTOR TO CONFIRM DRILLING LOCATIONS DO NOT COMPROMISE EXISTING STONE CLADDING ANCHORING OR BACKUP STRUCTURE.
3. CONTRACTOR TO REPAIR ANY WATERPROOFING OF WALL COMPROMISED DURING THE INSTALLATION OF ANCHORS.
4. SEE "MOCKUP", "FIELD CONDITIONS" AND "CUTTING AND CORE DRILLING" ARTICLES IN SPECIFICATION SECTION 024119 "SELECTIVE DEMOLITION" FOR ADDITIONAL INFORMATION.



04 JAMB DETAIL- AT STONE CLADDING
SCALE: 1 1/2"=1'-0"



05 JAMB DETAIL- AT METAL PANEL
SCALE: 1 1/2"=1'-0"

GENERAL NOTES:

1. CONTRACTOR SHALL INSPECT THE ROOF PERIMETER AND EXISTING COPING AT ALL ROOF LEVELS PRIOR TO THE INSTALLATION OF THE ROOF MEMBRANE. IDENTIFY AND ALL AREAS WHERE EXISTING ROOF COPING AND PRESSURE TREATED BLOCKING REQUIRE IN-KIND REPLACEMENT.
2. REMOVE AND REPLACE IN-KIND ALL AREAS OF THE EXISTING ROOF ASSEMBLY SYSTEM (INCLUDING MEMBRANE, PROTECTION BOARD, INSULATION, VAPOR BARRIER) WHERE MOISTURE IS DETECTED OR WHERE EVIDENCE OF PONDING IS VISIBLE. SEE 070150 FOR INFRARED SCAN REQUIREMENTS TO CONFIRM THE PRESENCE OF MOISTURE WITHIN THE EXISTING ROOF ASSEMBLY. PRIOR TO INSTALLING THE NEW ROOF MEMBRANE, CONFIRM THAT THE ENTIRE SUBSTRATE AT THE MAIN AND PENTHOUSE ROOFS PROVIDE POSITIVE DRAINAGE.
3. AT THE MAIN AND PENTHOUSE ROOF LEVELS EXISTING STEEL SUPPORTS PENETRATE THE CURRENT ROOF MEMBRANE, INCLUDING W-SECTIONS, C-CHANNELS, ANGLES, ROUND OR SQUARE TUBES. REFER TO DETAIL 07/A-301 FOR REQUIREMENTS RELATED TO STEEL SURFACE PREPARATION, PAINTING, AND FLASHING INTEGRATION WITH THE NEW ROOF MEMBRANE SYSTEM.
4. PROVIDE NEW STAINLESS STEEL TERMINATION BARS AND GASKETED STAINLESS STEEL FASTENERS AT ALL EXISTING LOCATIONS.
5. FINAL CONFIGURATION OF THE PHOTOVOLTAIC (PV) SYSTEM IS THE RESPONSIBILITY OF THE CONTRACTOR. SEE 26 31 00 PHOTOVOLTAIC SYSTEM DESIGN.

LEGEND:

EXISTING TO REMAIN

EXISTING TO REMAIN

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
NEW YORK, NY 10007
NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
ONE CENTRE STREET, 17TH FLOOR SOUTH
NEW YORK, NY 10007

MANAGING AGENCY :
NYC DEPARTMENT OF DESIGN & CONSTRUCTION (DDC)
30-30 THOMSON AVENUE
LONG ISLAND CITY, NY 11101

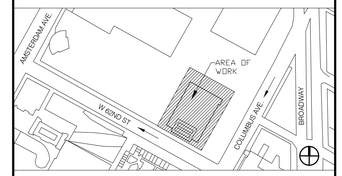
ARCHITECT:
NANDINEE PHOOKAN ARCHITECTS PC
45 MAIN STREET SUITE #620
BROOKLYN NY 11201

STRUCTURAL ENGINEER:
DRPILLA CONSULTING ENGINEERS
143 MAIN STREET
NYACK, NY, 10960

ELECTRICAL/ PLUMBING ENGINEER:
DOSE ENGINEERING, PLLC
15 W 38TH STREET, 4TH FLOOR
NEW YORK, NY 10018

HVAC ENGINEER:
AXON ENGINEERING SERVICES, LLC
222 OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF
PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DOB NOW Application: M01206784-I1

DRAWING TITLE:
DETAILS & SCHEDULES

SEAL & SIGNATURE

REGISTERED ARCHITECT NANDINEE PHOOKAN 025226 STATE OF NEW YORK

DATE:
PROJECT NO:
DRAWN BY: OD/AD
CHECKED BY: NP/AA
DRAWING NUMBER:
A-401.00
CADO FILE No:
OF

PROJECT NAME: 20 LINCOLN CENTER PLAZA

PROJECT ARCHITECT: NANDINEE PHOOKAN ARCHITECTS
PROJECT ENGINEER: DOMINICK R.PILLA ASSOCIATES PC

PROJECT ADDRESS: 20 LINCOLN CENTER PLAZA, NEW YORK, NY 10023

ISSUED: FOR BID

STRUCTURAL PLANS

DATE: 01/29/2026

INDEX OF DRAWINGS

PAGE #	SHEET #	REVISION #	SHEET TITLE
1	S-001	00	TITLE SHEET
2	S-002	00	GENERAL NOTES AND DESIGN CRITERIA
3	S-100	00	MAIN PROPOSED ROOF PLAN
4	S-101	00	PENTHOUSE PROPOSED ROOF PLAN
5	S-102	00	STAGE HOUSE PROPOSED ROOF PLAN
6	S-201	00	RAILING DETAILS

SITE CHARACTERISTICS / ZONING INFORMATION

ADDRESS: 20 LINCOLN CENTER PLAZA, NEW YORK, NY 10023
ZONING DISTRICT: C4-7
ZONING MAP: 8C
BLOCK: 1134
LOT: 5
LOT SIZE: 264.58' X 221.75'
LOT AREA: 58, 204 SQ. FT.
COMMUNITY BOARD:

EXISTING BUILDING CHARACTERISTICS

BUILDING CLASS: P1
YEAR BUILT: 1964
BUILDING HEIGHT: +/- 60' - 0"
HIGHEST OCCUPIED FLOOR:
NUMBER OF STORIES: 6

DOBNOW APPLICATION NUMBERS

GC ALT-CO DOBNOW APPLICATION #: M01260784-I1
MH DOBNOW APPLICATION #:
PL DOBNOW APPLICATION #:
SP DOBNOW APPLICATION #:

FLOOD ZONE STATEMENT

THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA PER EFFECTIVE FIRM PANEL 3604970204F (9/5/2007).

ENERGY CONSERVATION STATEMENT

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE NEW YORK CITY ENERGY CONSERVATION CODE 2020 (NYCECC) APPENDIX 6A (ASHRAE 90.1 2013).

NOISE CONTROL NOTE

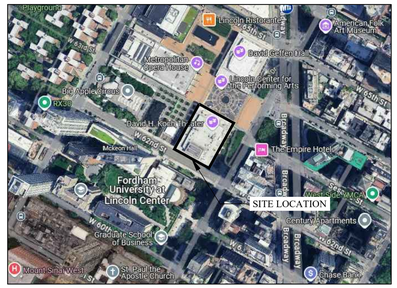
THE CONTRACTOR SHALL COMPLY WITH TITLE 15 RCNY, CHAPTER 28: CONSTRUCTION NOISE MITIGATION, AND THE NYC NOISE CODE AS APPLICABLE.

PUBLIC SAFETY NOTE

PUBLIC SAFETY SHALL BE PROTECTED DURING CONSTRUCTION. SIDEWALK SHED AND SCAFFOLDING WILL PROVIDE FOR PUBLIC SAFETY DURING DEMOLITION AND CONSTRUCTION.

SCOPE OF WORK

INSTALLATION OF NEW RAILING ON TOP OF EXISTING ROOF
INSTALLATION OF SOLAR PANEL ARRAY


Lincoln Restaurant
American Folk Art Museum
David Geffen Hall
Metropolitan Opera House
Juilliard School
Revson Fountain
Big Apple Circus
RXR
David H. Koch Theater
Metropolitan Opera
The Empire Hotel
Fordham University at Lincoln Center
SITE LOCATION
Century Apartments
Josie Robertson Plaza
Guggenheim Bandshell
Gerald W. Lynch Theater
Alice Tully Hall
Damrosch Park
Lincoln Center Plaza
Grand Promenade
Vivian Beaumont Theater
Mitzi E. Newhouse Theater
Walter Reade Theater
Amsterdam Avenue
Broadway
West 62 Street
West 65 Street
W 64th St
W 65th St
W 66th St
Columbus Avenue
Lincoln Center for the Performing Arts
Juilliard
Fordham University Graduate School of Business
Metropolitan Museum of Art
St Paul the Apostle Church
Tennis Center
Lincoln Center Theater
Lincoln Center Library for the Performing Arts
Lincoln Center Fountain
Lincoln Center Reflecting Pool
Lincoln Center Plaza

GENERAL NOTES

UNLESS OTHERWISE NOTED OR SHOWN ON THE STRUCTURAL DRAWINGS, THE FOLLOWING REQUIREMENTS, TOGETHER WITH THE PROJECT PLANS AND SPECIFICATIONS APPLY TO THE STRUCTURES IN THIS CONTRACT.

1. CONSTRUCTION IS TO COMPLY WITH THE REQUIREMENTS OF THE GOVERNING BUILDING CODE AND ALL OTHER APPLICABLE FEDERAL, STATE, AND LOCAL CODES, STANDARDS, REGULATIONS AND LAWS.

2. THE STRUCTURAL DOCUMENTS SHALL BE USED IN CONJUNCTION WITH AND COORDINATED WITH THE ARCHITECTURAL, CIVIL AND MEP CONTRACT DOCUMENTS AS WELL AS ANY OTHER TRADES. IF A CONFLICT EXISTS, CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER AND OBTAIN CLARIFICATION PRIOR TO BIDDING AND PROCEEDING WITH WORK

3. THE GENERAL CONTRACTOR SHALL COORDINATE ALL CONTRACT DOCUMENTS WITH FIELD CONDITIONS, DIMENSIONS, ELEVATIONS AND PROJECT SHOP DRAWINGS PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS; USE ONLY PRINTED DIMENSIONS. REPORT ANY DISCREPANCIES IN WRITING TO THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH WORK. DO NOT CHANGE SIZE OR LOCATION OF STRUCTURAL MEMBERS WITHOUT WRITTEN INSTRUCTIONS FROM THE STRUCTURAL ENGINEER OF RECORD.

4. THE DESIGN AT THE EXISTING PART OF THE BUILDING, WHICH WILL REMAIN, IS BASED ON INCOMPLETE INFORMATION ABOUT THE EXISTING STRUCTURE, THE SIZE AND DEPTH OF EXISTING FOUNDATION. AS THE WORK PROGRESS, THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH FIELD INFORMATION ABOUT THE EXISTING FOUNDATION AND OTHER STRUCTURAL MEMBERS AND FOLLOW ANY CHANGES IN DESIGN THAT WILL BE REQUIRED BY THE ENGINEER DUE TO UNANTICIPATED FIELD CONDITIONS.

5. OPENINGS SHOWN ON STRUCTURAL DRAWINGS ARE ONLY PICTORIAL. SEE THE ARCHITECTURAL AND M.E.P. DRAWINGS FOR THE SIZE AND LOCATION OF OPENINGS IN THE STRUCTURE.

6. CONTRACTORS WHO DISCOVER DISCREPANCIES, OMISSIONS OR VARIATIONS IN THE CONTRACT DOCUMENTS DURING BIDDING SHALL IMMEDIATELY NOTIFY THE ARCHITECT. THE ARCHITECT WILL RESOLVE THE CONDITION AND ISSUE A WRITTEN CLARIFICATION.

7. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTY, HIS OWN WORK AND THE PUBLIC FROM HARM. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, AND JOBSITE SAFETY INCLUDING ALL OSHA REQUIREMENTS.

8. SEE PROJECT SPECIFICATIONS FOR TESTING. SEE THE STRUCTURAL SPECIAL INSPECTION NOTES FOR INSPECTION REQUIREMENTS.

9. DETAILS LABELED "TYPICAL" APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED, WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION. QUESTIONS REGARDING THE APPLICABILITY OF TYPICAL DETAILS SHALL BE RESOLVED BY THE ARCHITECT.

10. THE STRUCTURE IS DESIGNED TO BE STRUCTURALLY SOUND WHEN COMPLETED. PRIOR TO COMPLETION, THE CONTRACTOR IS RESPONSIBLE FOR STABILITY AND TEMPORARY BRACING, INCLUDING, BUT NOT LIMITED TO, MASONRY WALLS. THE CONTRACTOR SHALL VERIFY THAT CONSTRUCTION LOADS DO NOT EXCEED THE CAPACITY OF THE STRUCTURE AT THE TIME THE LOAD IS APPLIED. WHENEVER THE CONTRACTOR IS UNSURE OF THESE REQUIREMENTS, THE CONTRACTOR SHALL RETAIN A NEW YORK STATE LICENSED ENGINEER TO DESIGN AND INSPECT THE TEMPORARY BRACING AND STABILITY OF THE STRUCTURE.

CODES AND SPECIFICATIONS

THE DESIGN SHOWN ON THESE DRAWINGS IS BASED ON THE FOLLOWING CODES, SPECIFICATIONS AND STANDARDS:

1. NEW YORK CITY BUILDING CODE 2022 EDITION
   ASCE 7-16: "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES."
   "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE," ACI 318-2014
   "SPECIFICATIONS FOR STRUCTURAL CONCRETE," ACI 301-2010.
   "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS," AISC 360-16

DESIGN CRITERIA

1. GRAVITY LOADS:

ROOF DEAD LOAD	71 PSF
ROOF LIVE LOAD	20 PSF

2. DESIGN SNOW LOAD

FLAT ROOF SNOW LOAD	P_f	=	22 PSF
GROUND SNOW LOAD	P_g	=	25 PSF
SNOW EXPOSURE FACTOR	C_e	=	0.9
SNOW LOAD IMPORTANCE FACTOR	I_s	=	1.1
THERMAL FACTOR	C_t	=	1.0

3. DESIGN WIND LOADS

BASIC WIND SPEED	V	=	127 MPH
RISK CATEGORY			III
WIND IMPORTANCE FACTOR	I	=	1.15
DIRECTIONALITY FACTOR	K_D	=	0.85
EXPOSURE - MWFRS, C&C			B
INTERNAL PRESSURE COEFFICIENT	GC_{pi}	=	±0.18
MEAN ROOF HEIGHT	H	=	107 FT

4. DESIGN SEISMIC CRITERIA:

RISK CATEGORY			III
SEISMIC IMPORTANCE FACTOR	I	=	1.25
SPECTRAL RESPONSE ACCELERATION	S/S	=	0.28
SPECTRAL RESPONSE ACCELERATION	S/1	=	0.05
SITE CLASS			D
SHORT PERIOD SITE COEFFICIENT	F/a	=	1.57
LONG PERIOD SITE COEFFICIENT	F/v	=	2.4
SPECTRAL RESPONSE COEFFICIENT	S/DS	=	0.293
SPECTRAL RESPONSE COEFFICIENT	S/D1	=	0.08
SEISMIC DESIGN CRITERIA			B

SHOP DRAWINGS AND OTHER SUBMITTALS

1. INCOMPLETE SUBMITTALS WILL BE RETURNED WITHOUT REVIEW.

2. ON FIRST SUBMITTAL, CLEARLY FLAG AND CLOUD ALL DIFFERENCES FROM THE CONTRACT DOCUMENTS. ON RE-SUBMITTALS, FLAG AND CLOUD ALL CHANGES AND ADDITIONS TO PREVIOUS SUBMITTAL. ONLY CLOUDED ITEMS WILL BE REVIEWED.

3. SUBMITTALS FOR SPECIAL STRUCTURAL, LOAD-CARRYING ITEMS INCLUDING SOLAR PANEL BALLASTED ARRAY THAT ARE REQUIRED BY CODES OR STANDARDS TO RESIST FORCES MUST BE PREPARED BY, OR UNDER THE DIRECT SUPERVISION OF CONTRACTORS "ENGINEERING SERVICES"

4. ENGINEERING SERVICES IS DEFINED AS A NEW YORK STATE LICENSED ENGINEER WHO SPECIALIZES IN AND UNDERTAKES THE DESIGN OF STRUCTURAL COMPONENTS OR STRUCTURAL SYSTEMS INCLUDED IN A SPECIFIC SUBMITTAL PREPARED FOR THIS PROJECT AND IS AN EMPLOYEE OR OFFICER OF, OR CONSULTANT TO, THE CONTRACTOR OR FABRICATOR RESPONSIBLE FOR THE SUBMITTAL. THE CONTRACTORS ENGINEER WHO PERFORMED ENGINEERING SERVICES SHALL SIGN, SEAL AND DATE THE SUBMITTAL, INCLUDING CALCULATIONS AND DRAWINGS. ALL CALCULATION PACKAGES, DRAWINGS AND DETAILS SHALL BE PROVIDED TO ENGINEER OF RECORD FOR THEIR REVIEW AND APPROVAL.

5. THE TRADE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT THE JOB SITES, FOR TOLERANCES, CLEARANCES, QUANTITIES, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THE WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

6. THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL REVIEW AND APPROVE SUBMITTALS AND SHALL SIGN AND DATE EACH DRAWING PRIOR TO SUBMITTING TO THE ARCHITECT. THIS APPROVAL IS TO CONFIRM THAT THE SUBMITTAL IS COMPLETE, COMPLIES WITH THE SUBMITTAL REQUIREMENTS AND IS COORDINATED WITH FIELD DIMENSIONS, OTHER TRADES, ERECTION SEQUENCING AND CONSTRUCTABILITY.

7. THE STRUCTURAL ENGINEER REVIEWS SUBMITTALS TO CONFIRM THAT THE SUBMITTAL IS IN GENERAL CONFORMANCE WITH THE DESIGN CONCEPT PRESENTED IN THE CONTRACT DOCUMENTS. QUANTITIES AND DIMENSIONS ARE NOT CHECKED. NOTATIONS ON SUBMITTALS DO NOT AUTHORIZE CHANGES TO THE CONTRACT SUM. CHECKING OF THE SUBMITTAL BY THE STRUCTURAL ENGINEER SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR DEVIATIONS FROM THE CONTRACT DOCUMENTS AND FROM ERRORS OR OMISSIONS IN THE SUBMITTAL.

8. IN ADDITION TO THE ABOVE, THE STRUCTURAL ENGINEER'S REVIEW OF ENGINEERING SERVICES PROVIDED BY CONTRACTORS ENGINEER SUBMITTALS IS LIMITED TO VERIFYING THAT THE SPECIFIED STRUCTURAL SUBMITTAL HAS BEEN FURNISHED, SIGNED AND SEALED BY THE CONTRACTORS ENGINEER AND THAT THE CONTRACTORS ENGINEER HAS UNDERSTOOD THE DESIGN INTENT AND USED THE SPECIFIED STRUCTURAL CRITERIA. NO DETAILED CHECK OF CALCULATIONS WILL BE MADE. THE CONTRACTORS ENGINEER IS SOLELY RESPONSIBLE FOR HIS/HER DESIGN, INCLUDING BUT NOT LIMITED TO THE ACCURACY OF HIS/HER CALCULATIONS AND COMPLIANCE WITH THE APPLICABLE CODES AND STANDARDS.

9. CAD FILES OF STRUCTURAL DRAWINGS MAY BE USED AS AN AID IN PREPARING SHOP DRAWINGS ONLY UPON THE CONTRACTOR SIGNING AN AGREEMENT. WHEN CAD FILES OR COPIES OF THE STRUCTURAL DRAWINGS ARE MADE AVAILABLE, IT IS UNDER THE FOLLOWING CONDITIONS:

   a. ALL INFORMATION CONTAINED IN THE CAD FILES OR COPIES OF THE STRUCTURAL DRAWINGS ARE INSTRUMENTS OF SERVICE OF THE ARCHITECT/ENGINEER AND SHALL NOT BE USED FOR OTHER PROJECTS, ADDITIONS TO THE PROJECT OR THE COMPLETION OF THE PROJECT BY OTHERS. CAD FILES AND COPIES OF THE STRUCTURAL DRAWINGS REMAIN THE PROPERTY OF DOMINICK R. PILLA ASSOCIATES AND IN NO CASE SHALL THEIR TRANSFER BE CONSIDERED A SALE.

   b. CAD FILES OR COPIES OF THE STRUCTURAL DRAWINGS ARE NOT CONTRACT DOCUMENTS. IN THE EVENT OF A CONFLICT, THE STRUCTURAL DRAWINGS SHALL GOVERN.

   c. THE USE OF CAD FILES OR COPIES OF THE STRUCTURAL DRAWINGS SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR PROPER CHECKING AND COORDINATION OF DIMENSIONS, DETAILS, SIZES AND QUANTITIES OF MATERIALS AS REQUIRED FOR THE PREPARATION OF COMPLETE AND ACCURATE SHOP DRAWINGS.

   d. THE CONTRACTOR SHALL REVISE ALL REFERENCES TO CONTRACT DOCUMENT SHEET NUMBERS AND SECTION MARKS AND SHALL REMOVE INFORMATION THAT IS NOT REQUIRED FOR THEIR WORK FROM THE CAD FILES OR COPIES OF THE STRUCTURAL DRAWINGS, INCLUDING THE TITLE BLOCK; AND

   e. DIMENSIONS IN THE CAD FILES MAY NOT BE PRECISE AND, IN SOME CASES, HAVE BEEN INTENTIONALLY ALTERED FOR PRESENTATION PURPOSES. DO NOT SCALE DIMENSIONS ELECTRONICALLY OR OTHERWISE.

WELDING

1. ALL SHOP AND FIELD WELDING SHALL CONFORM TO THE AWS D1.1. STRUCTURAL WELDING CODE.

2. WELDING ELECTRODES SHALL CONFORM TO E70XX.

3. WHERE NECESSARY, REMOVE GALVANIZING OR PRIMER PRIOR TO WELDING.

4. ALL WELDERS SHALL BE LICENSED AND CERTIFIED TO AWS STANDARDS OR THOSE REQUIRED BY APPLICABLE BUILDING CODES.

5. ALL WELDS SHALL BE VISUALLY INSPECTED. ALL GROOVE WELDS SHALL RECEIVE RADIOGRAPHIC OR ULTRASONIC TESTING. MAGNETIC PARTICLE TEST 20 PERCENT OF ALL FILLET WELDS.

6. WELDING SHALL PROGRESS IN A MANNER THAT BALANCES THE STRESSES IN THE MEMBER, IN ACCORDANCE WITH AWS.

7. FOLLOW PREHEAT REQUIREMENTS FOR BASE METAL PER AWS GUIDELINES.

SPECIAL STRUCTURAL INSPECTIONS

1. ALL WORKS SHALL BE SUBJECT TO SPECIAL INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF NEW YORK CITY BUILDING CODE. SPECIAL INSPECTORS SHALL MEET THE QUALIFICATIONS OUTLINED IN THE RULES OF THE CITY OF NEW YORK SECTION 101-06

2. SEE COVER SHEET FOR REQUIRED SPECIAL INSPECTIONS.

SOLAR PANEL ARRAY DESIGN LOADS FOR UPLIFT

ARRAY ID	LOCATION	AREA OF ARRAY (SF)	CALCULATED TOTAL UPLIFT (PSF)
1	MAIN ROOF	1964.98	16.00
2	MAIN ROOF	2155.80	16.00
3	PENTHOUSE	2981.32	16.00
4	PENTHOUSE	3706.51	16.00

SOLAR PANEL DESIGN CRITERIA NOTES:

1. UPLIFT LOADS FOR EACH SOLAR PANEL ARRAY CALCULATED ACCORDING TO THE ASCE 7-16 CHAPTER 29 BY USING FULL ARRAY SURFACE AREA OF EACH ARRAY AS EFFECTIVE AREA FOR THE WIND PRESSURE. REDUCED UPLIFT FORCE CALCULATED ACCORDING TO ASCE CHAPTER 31 IS ACCEPTABLE.
2. THE MANUFACTURER OF THE SOLAR PANEL ARRAY SHALL SUBMIT CALCULATION PACKAGE INCLUDING WIND TUNNEL STUDY AND BALLAST LAYOUT FOR THE REVIEW AND APPROVAL OF THE COMMISSIONER.

DOB APPROVAL STAMP

NEW YORK CITY BALLET

ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:

NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :

NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
NEW YORK, NY 10007

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ONE CENTRE STREET, 17TH FLOOR SOUTH
NEW YORK, NY 10007

MANAGING AGENCY :

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30-30 THOMSON AVENUE
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ARCHITECT:

NANDINEE PHOOKAN ARCHITECTS PC
45 MAIN STREET SUITE #620
BROOKLYN NY 11201

STRUCTURAL ENGINEER:

DRPILLA CONSULTING ENGINEERS
143 MAIN STREET
NYACK, NY, 10960

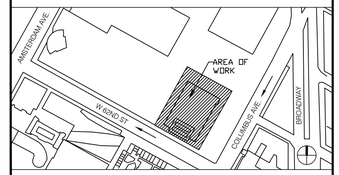
ELECTRICAL/ PLUMBING ENGINEER:

DOSE ENGINEERING, PLLC
15 W 38TH STREET, 4TH FLOOR
NEW YORK, NY 10018

HVAC ENGINEER:

AXON ENGINEERING SERVICES, LLC
OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

NYC DDC **Department of Design and Construction**

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF

PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

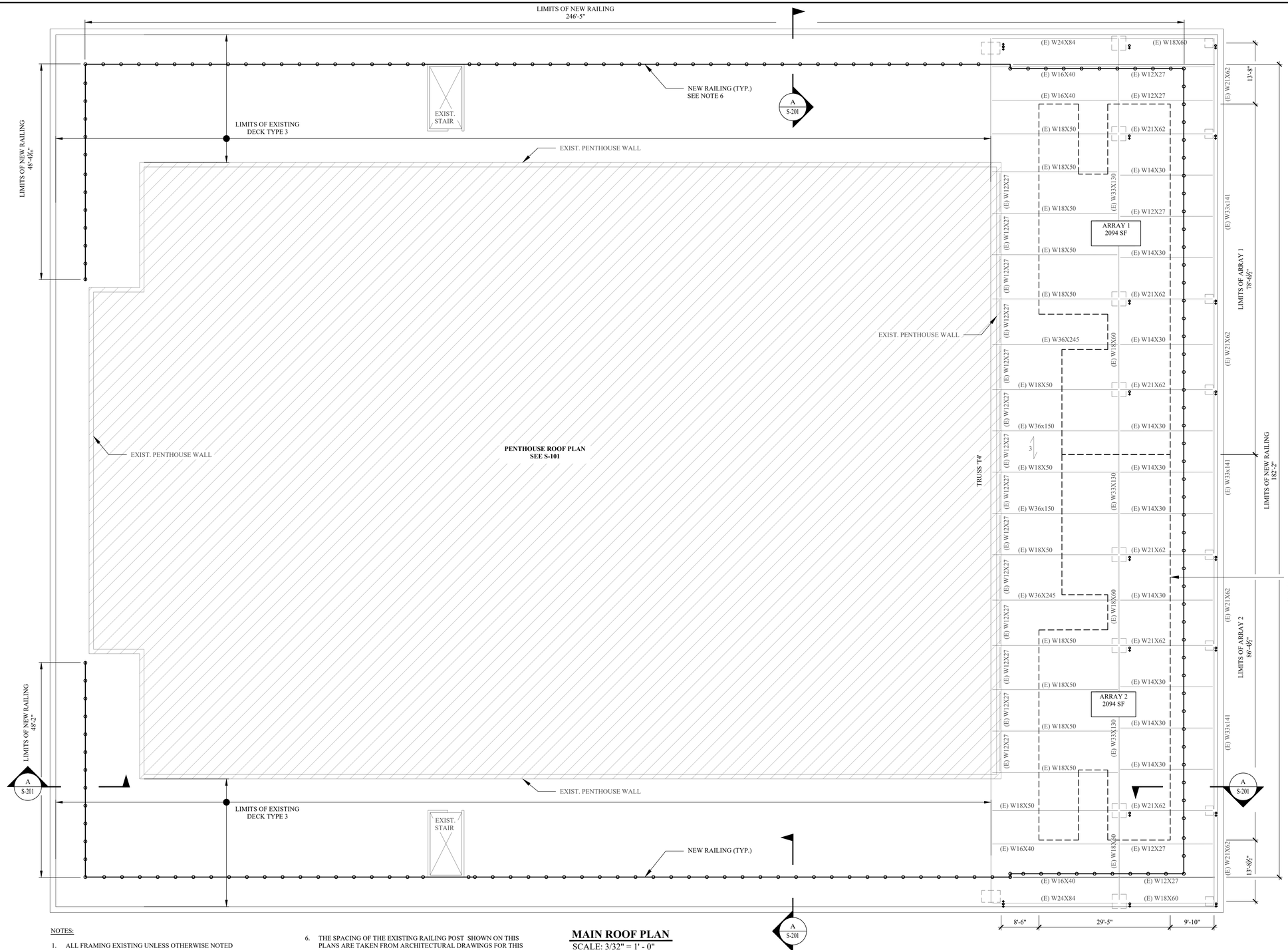
DRAWING TITLE:

GENERAL NOTES AND DESIGN CRITERIA

SEAL & SIGNATURE

STATE OF NEW YORK · DOMINICK RICHARD PILLA · 074213 · LICENSED PROFESSIONAL ENGINEER

DATE:	01/29/2026
PROJECT NO:	24-012
DRAWN BY:	SM
CHECKED BY:	GF
DRAWING NUMBER:	S-002.00
CADO FILE No:	



NOTES:

1. ALL FRAMING EXISTING UNLESS OTHERWISE NOTED
2. ALL EXISTING LOWER ROOF FRAMING IS ASSUMED IN GOOD CONDITION. NOTIFY E.O.R. IN CASE OF ANY DISCREPANCIES FROM THE ASSUMED CONDITIONS AROUND THE SCOPE OF WORK AREA.
3. ALL BALLASTS SHALL BE PLACED AS PER SOLAR PANEL DESIGNER. BALLASTS SHALL BE EVENLY SPACED ON BOTTOM LAYER WITH EQUAL SPACES BETWEEN EACH.
4. SOLAR PANEL SUPPORT FRAMES AND BALLASTS ARE DESIGNED BY THE MANUFACTURER TO RESIST APPLICABLE WIND FORCES. THE EXISTING ROOF SYSTEM IS CAPABLE OF SUPPORTING THE LOADS IMPOSED BY THE NEW SOLAR PHOTOVOLTAIC SYSTEM AND BALLASTS.
5. CONTRACTOR SHALL COORDINATE WITH RACKING MANUFACTURER FOR ALL EQUIPMENT SPECIFICATIONS, METHODS, INSTALLATION PROCEDURES, ETC.
6. THE SPACING OF THE EXISTING RAILING POST SHOWN ON THIS PLANS ARE TAKEN FROM ARCHITECTURAL DRAWINGS FOR THIS PROJECT. THE CONTRACTOR SHALL COORDINATE EXACT LOCATION OF THE RAILING POST WITH EXISTING CONDITIONS AND WITH ARCHITECTURAL DRAWINGS.

SCOPE OF WORK:
1. INSTALLATION OF BALLASTED SOLAR PANEL ARRAY
2. REPLACEMENT OF EXISTING RAILING WITH NEW RAILING IN KIND

MAIN ROOF PLAN
SCALE: 3/32" = 1' - 0"

LEGEND

(E) EXISTING STEEL BEAM	EXIST. WALL
(E) EXISTING STEEL JOIST	EXIST. WALL BELOW
(E) EXISTING STEEL TRUSS	AREA NOT IN SCOPE
WF COLUMN PER PLAN	1 EXIST. 2-3/4" PRECAST PLANK
SOLAR PANEL ARRAY ON TOP OF ROOF	2 EXIST. 5" CAST IN PLACE SLAB
	3 EXIST. 4" CAST IN PLACE SLAB

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
NEW YORK, NY 10007
NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
ONE CENTRE STREET, 17TH FLOOR SOUTH
NEW YORK, NY 10007

MANAGING AGENCY :
NYC DEPARTMENT OF DESIGN & CONSTRUCTION (DDC)
30-30 THOMSON AVENUE
LONG ISLAND CITY, NY 11101

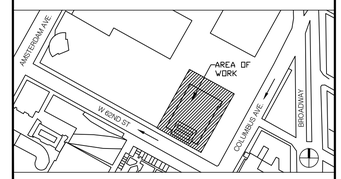
ARCHITECT:
NANDINEE PHOOKAN ARCHITECTS PC
45 MAIN STREET SUITE #620
BROOKLYN NY 11201

STRUCTURAL ENGINEER:
DRPILLA CONSULTING ENGINEERS
143 MAIN STREET
NYACK, NY, 10960

ELECTRICAL/ PLUMBING ENGINEER:
DOSE ENGINEERING, PLLC
15 W 38TH STREET, 4TH FLOOR
NEW YORK, NY 10018

HVAC ENGINEER:
AXON ENGINEERING SERVICES, LLC
OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF
PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

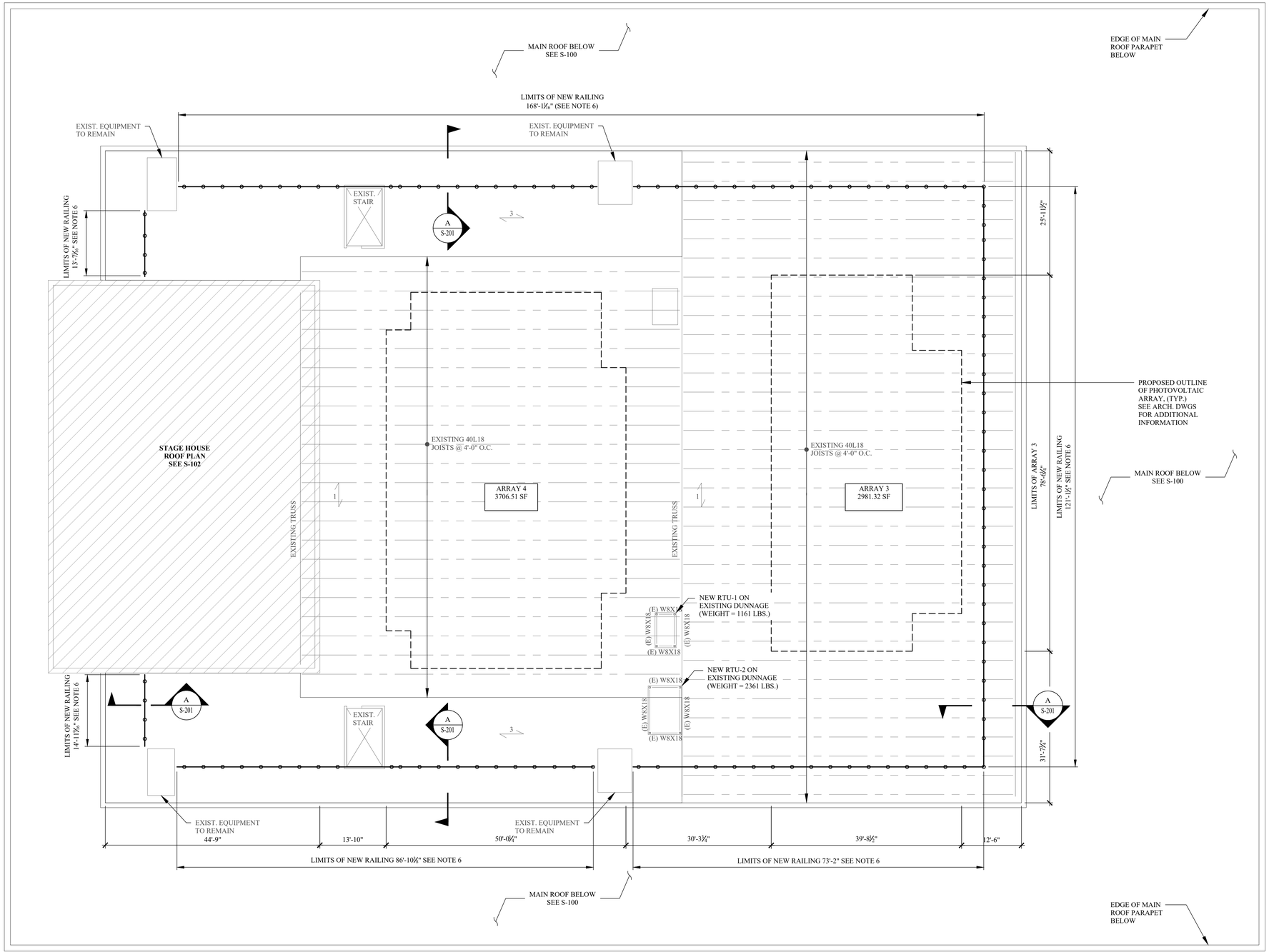
FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DRAWING TITLE:
MAIN PROPOSED ROOF PLAN

SEAL & SIGNATURE

STATE OF NEW YORK
DOMINICK RICHARD PILLA
074213
LICENSED PROFESSIONAL ENGINEER

DATE:	01/29/2026
PROJECT NO:	24-012
DRAWN BY:	SM
CHECKED BY:	GF
DRAWING NUMBER:	S-100.00
CADO FILE No:	



NOTES:

1. ALL FRAMING EXISTING UNLESS OTHERWISE NOTED
2. ALL EXISTING LOWER ROOF FRAMING IS ASSUMED IN GOOD CONDITION. NOTIFY E.O.R. IN CASE OF ANY DISCREPANCIES FROM THE ASSUMED CONDITIONS AROUND THE SCOPE OF WORK AREA.
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SCOPE OF WORK:
1. INSTALLATION OF BALLASTED SOLAR PANEL ARRAY
2. REPLACEMENT OF EXISTING RAILING WITH NEW RAILING IN KIND

PENTHOUSE ROOF PLAN

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

LEGEND

(E) EXISTING STEEL BEAM	EXIST. WALL
(E) EXISTING STEEL JOIST	EXIST. WALL BELOW
(E) EXISTING STEEL TRUSS	AREA NOT IN SCOPE
WF COLUMN PER PLAN	
SOLAR PANEL ARRAY ON TOP OF ROOF	

1	EXIST. 2-3/4" PRECAST PLANK
2	EXIST. 5" CAST IN PLACE SLAB
3	EXIST. 4" CAST IN PLACE SLAB

DOB APPROVAL STAMP

NEW YORK CITY BALLET

ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
NEW YORK, NY 10007
NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
ONE CENTRE STREET, 17TH FLOOR SOUTH
NEW YORK, NY 10007

MANAGING AGENCY :
NYC DEPARTMENT OF DESIGN & CONSTRUCTION (DDC)
30-30 THOMSON AVENUE
LONG ISLAND CITY, NY 11101

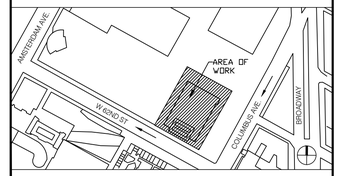
ARCHITECT:
NANDINEE PHOOKAN ARCHITECTS PC
45 MAIN STREET SUITE #620
BROOKLYN NY 11201

STRUCTURAL ENGINEER:
DRPILLA CONSULTING ENGINEERS
143 MAIN STREET
NYACK, NY, 10960

ELECTRICAL/ PLUMBING ENGINEER:
DOSE ENGINEERING, PLLC
15 W 38TH STREET, 4TH FLOOR
NEW YORK, NY 10018

HVAC ENGINEER:
AXON ENGINEERING SERVICES, LLC
OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF
PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023
FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

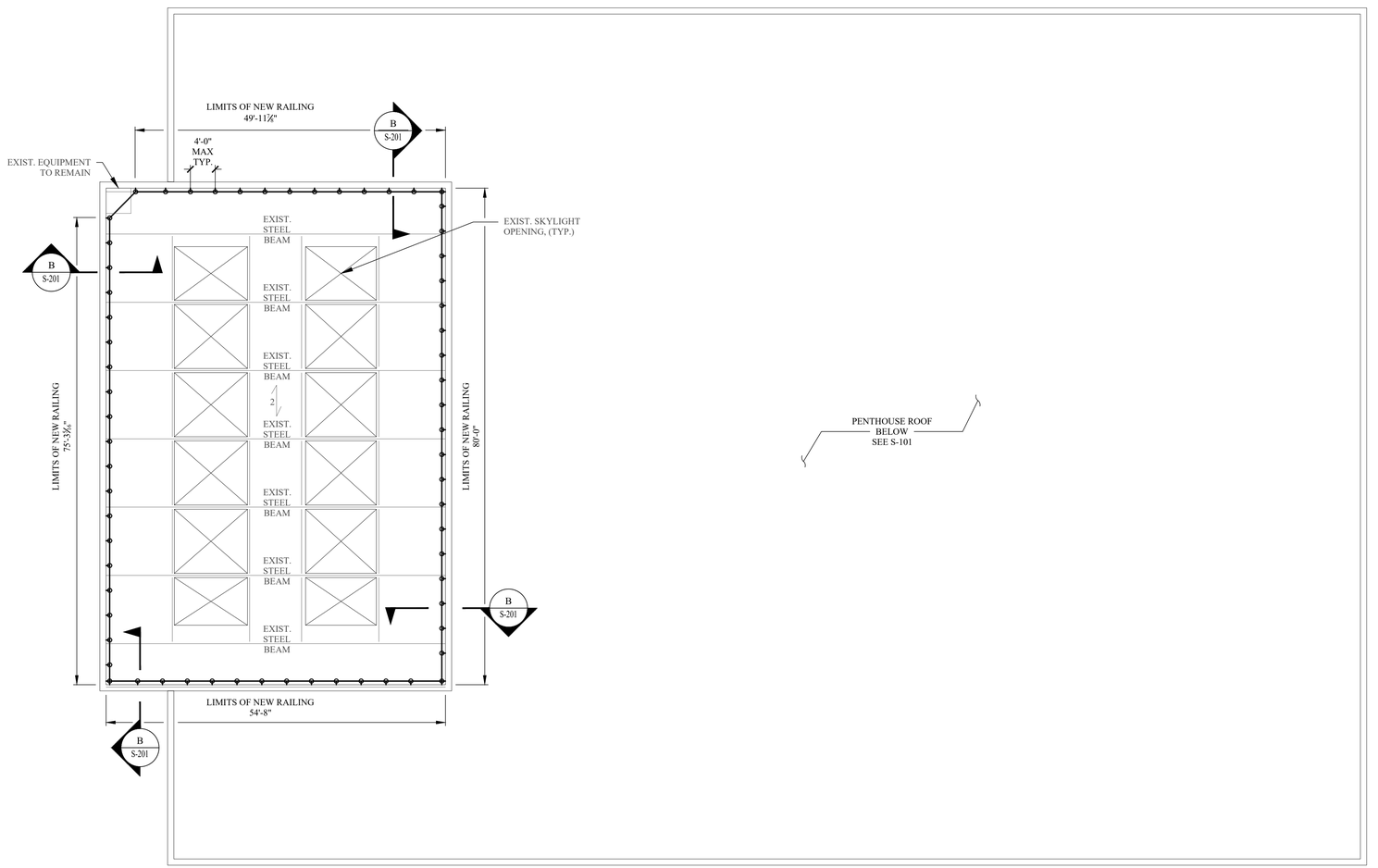
DRAWING TITLE:

PENTHOUSE PROPOSED ROOF PLAN

SEAL & SIGNATURE

STATE OF NEW YORK
FITZPATRICK, RICHARD PAUL
074213
LICENSED PROFESSIONAL ENGINEER

DATE:	01/29/2026
PROJECT NO:	24-012
DRAWN BY:	SM
CHECKED BY:	GF
DRAWING NUMBER:	S-101.00
CADO FILE No:	



STAGE HOUSE ROOF PLAN
SCALE: 3/32" = 1' - 0"

NOTES:

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5. CONTRACTOR SHALL COORDINATE WITH RACKING MANUFACTURER FOR ALL EQUIPMENT SPECIFICATIONS, METHODS, INSTALLATION PROCEDURES, ETC.

SCOPE OF WORK:
INSTALLATION OF NEW RAILING ON TOP OF EXISTING PARAPET
INSTALLATION OF BALLASTED SOLAR PANEL ARRAY

LEGEND

- (E) EXISTING STEEL BEAM
- (E) EXISTING STEEL JOIST
- (E) EXISTING STEEL TRUSS
- WF COLUMN PER PLAN
- SOLAR PANEL ARRAY ON TOP OF ROOF
- EXIST. WALL
- EXIST. WALL BELOW
- AREA NOT IN SCOPE
- 1 EXIST. 2-3/4" PRECAST PLANK
- 2 EXIST. 5" CAST IN PLACE SLAB
- 3 EXIST. 4" CAST IN PLACE SLAB

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
NEW YORK, NY 10007
NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
ONE CENTRE STREET, 17TH FLOOR SOUTH
NEW YORK, NY 10007

MANAGING AGENCY :
NYC DEPARTMENT OF DESIGN & CONSTRUCTION (DDC)
30-30 THOMSON AVENUE
LONG ISLAND CITY, NY 11101

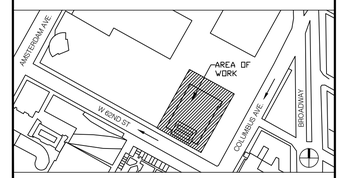
ARCHITECT:
NANDINEE PHOOKAN ARCHITECTS PC
45 MAIN STREET SUITE #620
BROOKLYN NY 11201

STRUCTURAL ENGINEER:
DRPILLA CONSULTING ENGINEERS
143 MAIN STREET
NYACK, NY, 10960

ELECTRICAL/ PLUMBING ENGINEER:
DOSE ENGINEERING, PLLC
15 W 38TH STREET, 4TH FLOOR
NEW YORK, NY 10018

HVAC ENGINEER:
AXON ENGINEERING SERVICES, LLC
OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF
PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

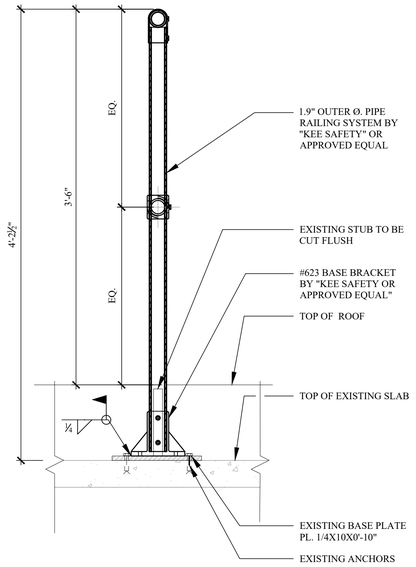
DRAWING TITLE:
STAGE HOUSE
PROPOSED ROOF PLAN

DOB APPROVAL STAMP

SEAL & SIGNATURE

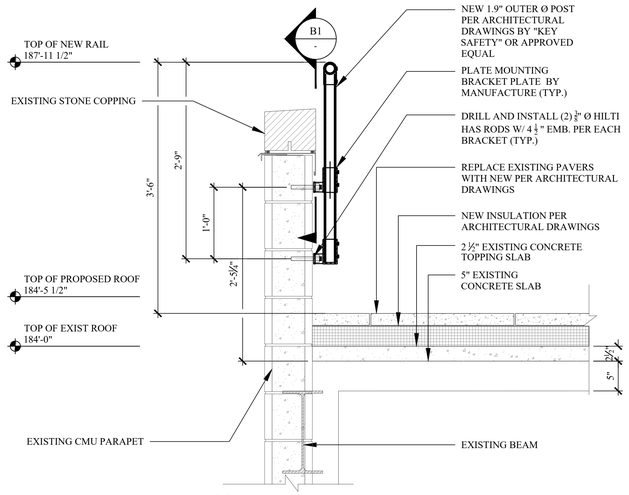
STATE OF NEW YORK
DOMINICK RICHARD PILLA
074213
LICENSED PROFESSIONAL ENGINEER

DATE:	01/29/2026
PROJECT NO:	24-012
DRAWN BY:	SM
CHECKED BY:	GF
DRAWING NUMBER:	S-102.00
CADO FILE No:	5 OF 6

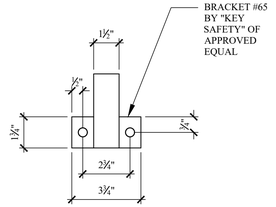


APPLIES AT EXISTING LOWER AT UPPER ROOFS (SEE ARCHITECTURAL DRAWINGS FOR THE BALANCE OF INFORMATION

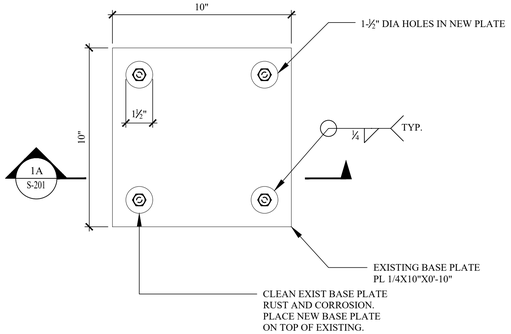
A
-
RAILING SECTION
RAILING ON TOP OF EXISTING STUB
SCALE: 1 1/2" = 1'-0"



B
-
SECTION - PROPOSED RAILING
AT STAGE HOUSE ROOF PARAPET
SCALE: 1" = 1'-0"



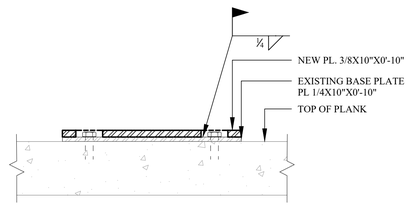
B1
-
SECTION -B1
SCALE: 1 1/2" = 1'-0"



PLAN

NOTE: USE THIS DETAIL FOR UNIT PRICE FOR ESTIMATING PURPOSES ONLY. ACTUAL REPAIR DETAIL MAY CHANGE BASED ON THE ACTUAL BASEPLATE CONDITION

1
-
DETAIL 1
REPAIR PLATE DETAIL
SCALE: 3" = 1'-0"



1A
-
SECTION 1A
SCALE: 3" = 1'-0"

NOTES:

GUARDRAILS SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF 3308.7.2. PLEASE REFER TO DOBNOW ARCHITECTURAL FILING M01260784-I1
FOR ADDITIONAL DETAILED INFORMATION ON THE LAYOUT OF THE RAILING COMPONENTS.

DOB APPROVAL STAMP

NEW YORK CITY BALLET

ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:

NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :

NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
NEW YORK, NY 10007

NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
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NEW YORK, NY 10007

MANAGING AGENCY :

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30-30 THOMSON AVENUE
LONG ISLAND CITY, NY 11101

ARCHITECT:

NANDINEE PHOOKAN ARCHITECTS PC
45 MAIN STREET SUITE #620
BROOKLYN NY 11201

STRUCTURAL ENGINEER:

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143 MAIN STREET
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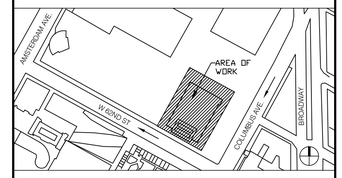
ELECTRICAL/ PLUMBING ENGINEER:

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15 W 38TH STREET, 4TH FLOOR
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HVAC ENGINEER:

AXON ENGINEERING SERVICES, LLC
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GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF

PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA, NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DRAWING TITLE:

RAILING DETAILS

SEAL & SIGNATURE



DATE:	01/29/2026
PROJECT NO:	24-012
DRAWN BY:	SM
CHECKED BY:	GF

DRAWING NUMBER:
S-201.00

CADO FILE No:

ABBREVIATIONS

ABBR.	DESCRIPTION
ABV	ABOVE
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AL	ACOUSTICAL LINING
ALD	AUTOMATIC LOUVERED DAMPER
ATC	AUTOMATIC TEMPERATURE CONTROL
BDD	BACK DRAFT DAMPER
BG	BOTTOM GRILLE
BR	BOTTOM REGISTER
BTU	BRITISH THERMAL UNIT
CC	COOLING COIL
CD	CEILING DIFFUSER
CFM	CUBIC FEET PER MINUTE
CG	CEILING GRILLE
CO	CLEAN OUT
CR	CEILING REGISTER
CWS	CONDENSER WATER SUPPLY
CWR	CONDENSER WATER RETURN
DB	DRY BULB
DN	DOWN
DR	DROP
EAT	ENTERING AIR TEMPERATURE
EF	EXHAUST FAN
ES	EQUAL SPLIT
EWT	ENTERING WATER TEMPERATURE
FC	FLEXIBLE CONNECTION
FD	FUSIBLE LINK FIRE DAMPER W/ DUCT ACCESS DOOR
FL	FLOOR
FLA	FULL LOAD AMPS
GPM	GALLONS PER MINUTE
HP	HORSE POWER
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LD	LINEAR DIFFUSER (CEILING, WALL, SILL, OR FLOOR)
LRA	LOCK ROTOR AMPS
LWT	LEAVING WATER TEMPERATURE
MAT	MIXED AIR TEMPERATURE
MBH	THOUSAND BTU PER HOUR
MIN	MINIMUM
MLO	MANUAL LOUVER DAMPER
MO (WO)	MASONRY OPENING (WALL OPENING)
NC	NORMALLY CLOSED
NFA	NET FREE AREA
NIC	NOT IN THIS CONTRACT
NK	NECK
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OAI	OUTSIDE AIR INTAKE
OBD	OPPOSED BLADE DAMPER
PSI (G)	POUNDS PER SQUARE INCH (GAUGE)
RA	RETURN AIR
RPM	REVOLUTIONS PER MINUTE
SA	SOUND ATTENUATOR
SMK	SMOKE EXHAUST
TG	TOP GRILLE
TR	TOP REGISTER
TRG	TRANSFER GRILLE
UON	UNLESS OTHERWISE NOTED
VD	VOLUME DAMPER
WB	WET BULB
WMS	WIRE MESH SCREEN
(300)	300 CUBIC FEET OF AIR PER MINUTE
(T)	THERMOSTAT
T/H	THERMOSTAT & HUMIDIFIER

DUCTWORK LEGEND

SYMBOL	DESCRIPTION
(T)	TEMPERATURE CONTROLLER WITH AUTOMATIC SETBACK
SD	DUCT SMOKE DETECTOR
	FIRE-SMOKE DAMPER
	FIRE DAMPER
	TEST STATION WITH AUDIBLE/VISIBLE ALARM
	SUPPLY DUCT UP
	SUPPLY DUCT DOWN
	RETURN OR EXHAUST DUCT UP
	RETURN OR EXHAUST DUCT DOWN
R	SLOPING RISE IN DUCTWORK
D	SLOPING DROP IN DUCTWORK
AD	ACCESS DOOR IN DUCT
18x12	DUCT SIZE (CLEAR INSIDE DIMENSION) FIRST FIGURE INDICATES PLAN SIZE
18ø	ROUND DUCT DIAMETER SIZE
	ACOUSTIC LINING IN DUCT (SIZE NOTED INDICATES INSIDE DIMENSIONS)
	FLEXIBLE CONNECTION
VD	VOLUME DAMPER
	AUTOMATIC LOUVER DAMPER
	FUSIBLE LINK FIRE DAMPER W/ ACCESS DOOR
	ELBOW WITH TURNING VANES
SD	DUCT SPLIT W/VOLUME DAMPER
	BRANCH TAKEOFF WTIH VOLUME DAMPER
	RADIUS ELBOW
	SLOT DIFFUSER
S L	RECTANGULAR DUCT CAPPED & SEALED W/ VOLUME DAMPER
	NEW DUCTWORK
	EXISTING DUCTWORK TO REMAIN
	EXISTING DUCTWORK TO BE REMOVED
	SOUND ATTENUATOR (SA)
	CEILING DIFFUSER (4-WAY)
	CEILING DIFFUSER (3-WAY)
	CEILING DIFFUSER (2-WAY)
	CEILING DIFFUSER (1-WAY)
	CEILING ALCAN DIFFUSER
	RETURN REGEISTER OR GRILLE
T.G.	TRANSFER GRILLE ON BOTH SIDES OF PARTITION WALL
	FLEXIBLE DUCT
	WALL OPENING IN WALL ABOVE HUNG CEILING (SIZE)
EF-1	EQUIPMENT SYMBOL AND NUMBER

NOTE:
SYMBOL/ABBREVIATION LIST SHOWN IS FOR GENERAL REFERENCE ONLY. THE PRESENCE OF A SYMBOL/ABBREVIATION DOES NOT IMPLY ITS USE ON THIS PROJECT. REFER TO DRAWINGS FOR SPECIFIC SYMBOLS USED.

IMPORTANT DUCT LINER NOTES

DUCT LINER: ALL NEW AIR CONDITIONING SYSTEMS WITH EXPOSED DUCTWORK SHALL BE INTERNALLY LINED TO PREVENT ANY CHANCE OF CONDENSATION. DUCT SIZES SHOWN ON THE DESIGN DRAWINGS ARE THE MINIMUM CLEAR INSIDE AREAS REQUIRED AND DO NOT TAKE INTO ACCOUNT LINERS OF ANY TYPE. WHERE DUCTWORK IS INDICATED TO BE LINED, THE CONTRACTOR SHALL ADJUST THE DUCT SIZES ACCORDINGLY. LINE ONLY NEW INSTALLED DUCTWORK. ALL THE EXISTING DUCTWORK SHALL REMAIN THE SAME.

RECTANGULAR FIBER GLASS DUCT LINER:	COMPLY WITH NFPA 90A OR NFPA 90B AND WITH NAIMA AH124.
MANUFACTURERS:	JOHNS MANVILLE CORPORATION OR APPROVED EQUALS BY: CERTAINTEED CORP.; INSULATION GROUP. KNAUF FIBER GLASS. OWENS CORNING.
MATERIALS:	SIMILAR TO JOHNS MANVILLE LINACOUSTIC XG, GLASS FIBERS BONDED WITH A FORMALDEHYDE-FREE RESIN WITH AIR SURFACE COATED WITH ACRYLIC COATING WITH A FLEXIBLE GLASS CLOTH REINFORCEMENT. THE LINING SHALL HAVE AN EPA REGISTERED ANTI-MICROBIAL AGENT PROVEN TO RESIST MICROBIAL GROWTH AS DETERMINED BY ASTM G 21 AND G 22. LINER SHALL MEET THE REQUIREMENTS OF ASTM C 1071.
THICKNESS:	1 INCH.
THERMAL CONDUCTIVITY (K-VALUE):	0.23 AT 75 DEG F MEAN TEMPERATURE AS PER ASTM C 518. THE R-VALUE IS 4.3 AT 75 DEG F MEAN TEMPERATURE AS PER ASTM C 518.
MAXIMUM VELOCITY:	6,000 FEET PER MINUTE.
MAXIMUM SERVICE TEMPERATURE:	250 DEGREES F.
FIRE-HAZARD CLASSIFICATION:	MAXIMUM FLAME-SPREAD INDEX OF 25 AND SMOKE-DEVELOPED INDEX OF 50 WHEN TESTED ACCORDING TO ASTM E 84.
LINER ADHESIVE:	COMPLY WITH NFPA 90A OR NFPA 90B AND WITH ASTM C 916.
HOT SURFACE PERFORMANCE:	DUCT LININGS, FASTENERS, ADHESIVES, ETC. SHALL NOT FLAME, GLOW, SMOLDER, OR SMOKE WHEN TESTED AT THEIR RATED TEMPERATURES IN ACCORDANCE WITH ASTM 411. THE TEMPERATURE OF THE TEST SHALL NOT BE LESS THAN 250 DEGREES F.
MECHANICAL FASTENERS:	GALVANIZED STEEL SUITABLE FOR ADHESIVE ATTACHMENT, MECHANICAL ATTACHMENT, OR WELDING ATTACHMENT TO DUCT WITHOUT DAMAGING LINER WHEN APPLIED AS RECOMMENDED BY MANUFACTURER AND WITHOUT CAUSING LEAKAGE IN DUCT.
TENSILE STRENGTH:	INDEFINITELY SUSTAIN A 50-LB TENSILE, DEAD-LOAD TEST PERPENDICULAR TO DUCT WALL.
FASTENER PIN LENGTH:	AS REQUIRED FOR THICKNESS OF INSULATION AND WITHOUT PROJECTING MORE THAN 1/8 INCH INTO AIRSTREAM.
ADHESIVE TO ATTACH MECHANICAL FASTENERS:	COMPLY WITH FIRE-HAZARD CLASSIFICATION OF DUCT LINER SYSTEM.

PROJECT MECHANICAL NOTES

HVAC CONTRACTOR TO VERIFY AND COORDINATE ALL EQUIPMENT, PROVIDE DUCT WORK FROM AC UNITS TO ROOMS AS INDICATED, PROVIDE DIGITAL THERMOSTATS IN EACH ZONE, AND TOUCH SCREEN CONTROL PANEL AS INDICATED.
PROVIDE SHOP DRAWINGS FOR REVIEW BY OWNER AND ARCHITECT PRIOR TO CONSTRUCTION. COORDINATE SYSTEM WITH ARCHITECTURAL DRAWINGS, STRUCTURAL DRAWINGS AND GC PRIOR TO CONSTRUCTION AND INSTALLATION OF ANY DUCTWORK.

THEATER FPM REQUIREMENTS:
MAIN TRUNK DUCTWORK: SIZE PER 800 FPM
BRANCH TRUNK DUCTWORK: SIZE PER 600 FPM
SUPPLY/RETURN DIFFUSERS & REGISTERS: SIZE PER 250 FPM

ROOF OPENING NOTE:
ALL ROOFING WORK - HVAC CURBS, TOILET EXHAUST FANS AND VENTS - MUST BE PERFORMED BY TO MAINTAIN THE NEW ROOF WARRANTY AS REQUIRED AS PER THE OWNERS ROOF WARRANTY COMPANY.

SPECIAL INSPECTIONS:

SPECIAL INSPECTIONS REQUIRED IN ACCORDANCE WITH CHAPTER 17 OF THE 2022 NYC BUILDING CODE AND THE APPLICABLE SECTIONS OF THE NYC CONSTRUCTION CODE ARE LISTED IN THE FOLLOWING TABLES:

THE CONTRACTOR MUST NOTIFY THE ARCHITECT OR ENGINEER FOR SPECIAL INSPECTIONS AT LEAST 72 HRS BEFORE THE SPECIFIC WORK COMMENCES.

THE "AUTHORITY" SHALL BE RESPONSIBLE FOR THE FOLLOWING SPECIAL INSPECTIONS:	
MECHANICAL SYSTEMS	BC 1704.16
THE "AUTHORITY" SHALL BE RESPONSIBLE FOR THE FOLLOWING PROGRESS INSPECTIONS:	
FINAL	BC 110.5, 28-116.2.4.2

NOTE: REQUIRED INSPECTIONS AND TESTS OF MATERIALS DESIGNATED FOR SPECIAL INSPECTION BY THE "CONTRACTOR" SHALL BE MADE UNDER THE DIRECT SUPERVISION OF A LICENSED ARCHITECT OR ENGINEER RETAINED BY NYCSCA.

MECHANICAL DRAWINGS LIST

DWG. NO.	DESCRIPTION
MECHANICAL	
M001	MECHANICAL SYMBOLS, NOTES, ABBREVIATIONS & SCHEDULES
M002	MECHANICAL NOTES
DM102	ROOF DEMOLITION PLAN - MECHANICAL
M102	PROPOSED ROOF PLAN - MECHANICAL

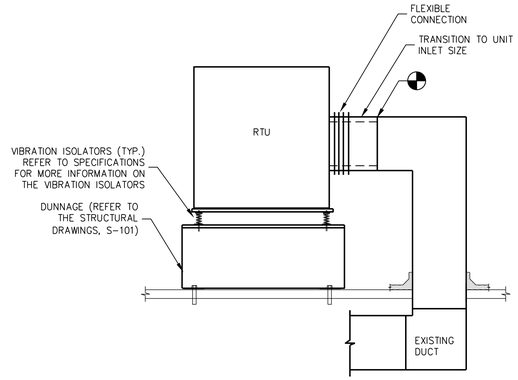
SUMMARY OF WORK

REMOVAL

1. DEMOLISH THE EXISTING ROOF TOP UNITS

INSTALLATION

1. INSTALL NEW ROOF TOP UNITS AS SHOWN.
2. THE EXISTING RTU CONTROLS SYSTEM SHALL REMAIN. THE NEW ROOF TOP UNITS SHALL BE REPLACED AND INSTALLED IN KIND.
3. EXISTING RTU CONTROLS TO BE REPLACED IN KIND. CONTRACTOR SHALL PROVIDE REPORTS OF THE EXISTING RTU CONTROLS AND POINT LIST PRIOR TO THE DEMOLITION WORK FOR RECORD.



1 ROOFTOP UNIT INSTALLATION DETAIL
N.T.S.

ROOFTOP UNIT SCHEDULE (R-454B)

TAG	LOCATION	SUPPLY AIR (CFM)	OUTSIDE AIR (CFM)	SUPPLY FAN		TON	TOTAL COOLING CAPACITY (BTUH)	COMPRESSORS NO. TYPE	HEATING			FILTERS		ELECTRICAL					EFFICIENCIES		UNIT WEIGHT (LBS)	BASIS OF DESIGN		NOTES
				EX. S.P. (IN. WG)	HP				TYPE	CAPACITY (MBH)	KW	PRE	FINAL	VOLTS	PHASE	Hz	MCA	MOP	EER	IEER		MANUFACTURER	MODEL NO.	
RTU-1	ROOF	4,000	800	1.0	2.0	10	123,800	2/SCROLL	ELECTRIC	61.5	18	MERV 8	MERV 13	208	3	60	61	80	11.7	16	1,151	TRANE	THK120A3S0G-H3C0A1B100A	SEE BELOW
RTU-2	ROOF	8,000	1,500	1.0	3.0	20	248,080	2/SCROLL	ELECTRIC	122.9	36	MERV 8	MERV 13	208	3	60	108	150	11.2	16.5	2,361	TRANE	THK240A3S00-H2C0A1B100A	SEE BELOW

NOTES;

1. PROVIDE VFD FOR THE SUPPLY FAN
2. PROVIDE UL LISTED DISCONNECT SWITCH
3. THE UNIT SHALL BE SINGLE ZONE VARIABLE SPEED TYPE.
4. FIELD VERIFY AND ENSURE ALL THE POINT LIST OF THE EXISTING SYSTEM IS CONNECTED TO THE NEW UNIT. PROVIDE REPORTS OF THE EXISTING RTU CONTROLS AND POINT LIST PRIOR TO THE DEMOLITION WORK.
5. PROVIDE DEDICATED THERMOSTATS IN THE SPACES FOR EACH UNIT. COORDINATE THE LOCATION WITH THE EXISTING ONES TO MATCH. SET THERMOSTAT TO 72F/68F IN COOLING/HEATING MODE.
6. PROVIDE OUTSIDE AIR SECTION WITH ECONOMIZER/WEATHER HOOD.
7. PROVIDE SMOKE DETECTORS, PRE-BUILT BY THE MANUFACTURER INSIDE THE UNIT.
8. PROVIDE INTERNAL REFRIGERANT LEAK DETECTION.

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
NEW YORK, NY 10007
NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
ONE CENTRE STREET, 17TH FLOOR SOUTH
NEW YORK, NY 10007

MANAGING AGENCY :
NYC DEPARTMENT OF DESIGN & CONSTRUCTION (DDC)
30-30 THOMSON AVENUE
LONG ISLAND CITY, NY 11101

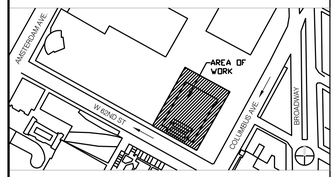
ARCHITECT:
NANDINEE PHOOKAN ARCHITECTS PC
45 MAIN STREET SUITE #620
BROOKLYN NY 11201

STRUCTURAL ENGINEER:
DRPILLA CONSULTING ENGINEERS
143 MAIN STREET
NYACK, NY, 10960

ELECTRICAL/ PLUMBING ENGINEER:
DOSE ENGINEERING, PLLC
15 W 38TH STREET, 4TH FLOOR
NEW YORK, NY 10018

HVAC ENGINEER:
AXON ENGINEERING SERVICES, LLC
222 OUTWATER LN, SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

NYC DDC **Department of Design and Construction**

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF
PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DRAWING TITLE:
MECHANICAL SYMBOLS, NOTES, ABBREVIATIONS & SCHEDULES

SEAL & SIGNATURE

STATE OF NEW YORK · ALEXANDER ORLIK · 091798 · LICENSED PROFESSIONAL ENGINEER

DATE:	31 JAN, 2025
PROJECT NO:	2016-00
DRAWN BY:	MR
CHECKED BY:	AO
DRAWING NUMBER:	M001.00
CADO FILE No:	01 OF 04

GENERAL NOTES:

1. IN GENERAL, PLANS AND DIAGRAMS ARE SCHEMATIC ONLY AND SHOULD NOT BE SCALED. THE MECHANICAL CONTRACTOR SHALL VERIFY BUILDING CONDITIONS PRIOR TO BIDDING, ORDERING, FABRICATION AND/OR INSTALLATION OF EQUIPMENT OR MATERIAL. MECHANICAL CONTRACTOR SHALL NOTIFY ARCHITECT AND ENGINEER IN WRITING OF ANY DISCREPANCIES.
2. ALL MECHANICAL WORK SHALL MEET ALL THE REQUIREMENTS OF THE NEW YORK CITY BUILDING CODE 2024, AND ALL APPLICABLE CODES AND STANDARDS
3. IT IS THE INTENT OF THE PLANS AND GENERAL NOTES TO PROVIDE A COMPLETE AND OPERATING INSTALLATION INCLUDING ALL NECESSARY ITEMS REQUIRED, EVEN THOUGH ITEMS ARE NOT INDICATED ON THE DRAWINGS OR IN THE NOTES. WORK CONSIDERED NECESSARY FOR THE COMPLETION OF THE WORK IN PROPER MANNER NOT SHOWN ON THE PLANS OR NOTES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER IN WRITING PRIOR TO BIDS OTHERWISE WORK SHALL NOT BE ADDITIONALLY CHARGED AFTER BID IS AWARDED.
4. ALL MATERIALS SHALL BE NEW AND ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, ENERGY CODE, PRODUCT APPROVAL, RULES AND ORDINANCES, ANY DAMAGED EQUIPMENT SHALL BE REPLACED OR RESTORED TO ORIGINAL CONDITION.
5. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, ACCESS PANELS, CONTROL SYSTEMS, DEVICES, PERMITS AND SERVICES NECESSARY FOR FURNISHING AND INSTALLING OF A COMPLETE SERVICEABLE MECHANICAL SYSTEM.
6. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL TRADES INSTALLATION SCHEDULES. FIXED WORK SUCH AS DUCTWORK AND PLUMBING SHALL BE INSTALLED PRIOR TO ANY TRADE WORK THAT CAN BE EASILY RELOCATED OR OFFSET SUCH AS ELECTRICAL CONDUITS AND SMALL WATER LINES. THE CONTRACTOR SHALL VISIT SITE AND VERIFY ALL CLEARANCES BEFORE FABRICATION OF DUCTWORK. PROVIDE OFFSETS AND CHANGES IN DUCT SIZES TO MEET FIELD CONDITIONS. DUCT AND PIPING OFFSETS, BENDS AND TRANSITIONS OF EQUIVALENT SIZE SHALL BE REQUIRED TO PROVIDE AND INSTALL A COMPLETE FUNCTIONAL SYSTEM AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST.
7. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL INSTALLATION INSPECTIONS, FEES, AND PERMITS REQUIRED FOR CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, ACCESS PANELS, CONTROLS, AND DEVICES, AND SERVICES NECESSARY FOR FURNISHING AND INSTALLING A COMPLETE OPERATIONAL MECHANICAL SYSTEM. ALL MATERIAL AND EQUIPMENT SHALL BE NEW. OBTAIN ALL NECESSARY PERMITS.
8. SHOP DRAWING SUBMITTALS: PRIOR TO FABRICATION OR DELIVERY OF ANY MATERIAL OR EQUIPMENT TO THE JOB SITE, SUBMIT 4 INDEXED COPIES OF EQUIPMENT AND MATERIAL TO BE USED. SUBMIT ITEMS AT ONE TIME IN A NEAT AND ORDERLY MANNER WITHIN THE NUMBER OF DAYS AS DIRECTED BY THE ARCHITECT. REVIEW OF EQUIPMENT AND MATERIAL SUBMITTAL SHALL IN NO WAY RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO COMPLY WITH PLANS, SPECIFICATIONS, AND LOCAL CODES. SUBMIT THE FOLLOWING ITEMS FOR APPROVAL OR REVIEW: AIR CONDITIONING/HEAT PUMPS UNITS, AIR DEVICES, FANS, TOWERS, PUMPS, CONTROLS, FIRE DAMPERS, VOLUME DAMPERS, FITTING.
9. PROVIDE TWO SETS OF SUBMITTALS & OPERATION AND MAINTENANCE MANUALS TO THE OWNER PRIOR TO CERTIFICATION OF OCCUPANCY IN A BOUND AND INDEXED BOOK FOR THE OWNER.
10. GUARANTEE FOR ONE YEAR AFTER ACCEPTANCE BY THE OWNER, ALL EQUIPMENT, MATERIALS, AND WORKMANSHIP TO BE FREE FROM DEFECT. PROVIDE FIVE YEAR AIR CONDITIONER COMPRESSOR WARRANTY.
11. CONTRACTOR SHALL PROVIDE ALL SUPPLEMENTARY STEEL REQUIRED TO SUSPEND MECHANICAL EQUIPMENT AND MECHANICAL WORK.
12. ALL CUTTING, PATCHING, STRUCTURAL STEEL. WEATHERPROOFING, PAINTING, AND WALL OPENINGS SHALL BE BY THE GENERAL CONTRACTOR. ALL AIR DEVICES, PIPING, ETC. SHALL BE PAINTED TO MATCH SURROUNDING COLOR AS REQUIRED BY THE ARCHITECT. PAINT BARE EXTERIOR MECHANICAL PIPING AND EQUIPMENT WITH EPOXY ENAMEL.
13. ALL OPENINGS IN BUILDING STRUCTURE, FOR DUCTWORK, PIPING, ETC. TO BE 1/2" LARGER (ON ALL SIDES) OR AS REQUIRED FOR FIRESTOPPING THEN THE OUTSIDE DIMENSIONS. FILL VOIDS WITH FLAME RETARDANT SILICONE FOAM (I.E. CHASE-FOAM CTC PR-855 BY CHASE TECHNOLOGY CORP.), VSG THERMOFIRER SAFING SYSTEM OR 3M-FIREPROOFING PRODUCTS.
14. NO COMBUSTIBLE MATERIALS ARE ALLOWED IN RETURN AIR PLENUMS OR ABOVE CEILINGS USED FOR RETURN AIR OR ENCLOSED PARKING GARAGES, UNLESS SUCH MATERIALS ARE ENCLOSED WITHIN PLENUM RATED/ AIR-TIGHT CONDUITS
15. HVAC CONTRACTOR WILL WARRANTY COMPRESSORS FOR FIVE YEARS AND ALL MECHANICAL SYSTEMS, DUCTWORK, THERMOSTATS, AND ALL OTHER EQUIPMENT PARTS AND LABOR UNDER THESE DRAWINGS AND SPECIFICATIONS FOR A PERIOD OF ONE (1) YEAR AFTER C.O. OF BUILDING. ANY REPAIRS REQUIRING SYSTEM SHUT DOWN WILL BE DONE DURING NON OPERATIONAL PERIODS.
16. VERIFY VOLTAGE WITH ELECTRICAL CONTRACTOR BEFORE ORDERING ANY EQUIPMENT. CONTRACTOR IS RESPONSIBLE FOR ANY ADDED ELECTRICAL COSTS WHICH MAY RESULT FROM SUBSTITUTED EQUIPMENT. PROVIDE SINGLE POINT ELECTRICAL CONNECTIONS FOR ALL HVAC EQUIPMENT UNLESS OTHERWISE SPECIFIED. PROVIDE TRANSFORMERS AS REQUIRED TO OPERATE FIRESTATS, THERMOSTATS, CONDENSATE PUMPS, AND ANY OTHER EQUIPMENT IN THE MECHANICAL DRAWINGS.
17. IDENTIFY ALL EQUIPMENT WITH 4" STENCILED LETTERS.
18. MAINTAIN A COMPLETE SET OF MECHANICAL PRINTS FOR INDICATING ALL CHANGES. USE COLORED PENCIL TO MAKE CHANGES AT THE TIME OF EXECUTION. PROVIDE A COMPLETE SET OF AS-BUILT DRAWINGS TO THE ENGINEER. CHANGES FROM THE CONTRACT DOCUMENTS REQUIRED FOR A CERTIFICATE OF OCCUPANCY NOT APPROVED BY THE ARCHITECT AND ENGINEER IN WRITING SHALL BE REVIEWED BY THE ENGINEER AT THE CONTRACTORS EXPENSE. DELIVER THE SET TO THE ARCHITECT PRIOR TO ISSUANCE OF FINAL PAYMENT.
19. FILTERS:
    A. PROVIDE MIN. OF TWO SETS OF TEMPORARY FIBERGLASS FILTERS OF THE SAME THICKNESS AS FINAL FILTERS FOR USE DURING CONSTRUCTION.
    B. PROVIDE MIN. OF TWO SETS OF FINAL FILTERS.
20. PROVIDE A MIN. OF 3' CLEARANCE IN FRONT OF ALL 120-240 VOLT PANELS AND 4' CLEARANCE IN FRONT OF ANY 480 VOLT PANEL.
21. INDOOR AIR QUALITY PRECAUTIONS:
    A. THE CONTRACTOR SHALL ALLOW FOR NECESSARY VENTILATION DURING CONSTRUCTION TO AVOID INDOOR AIR POLLUTION.
    B. THE CONTRACTOR SHALL PREPARE WRITTEN DIRECTION BY WHICH THE BUILDING OWNER OR ITS REPRESENTATIVE WILL BE ABLE TO OPERATE THE VENTILATION SYSTEMS AT ITS OPTIMAL LEVEL.

MATERIALS AND INSTALLATION NOTES:

1. ALL MECHANICAL EQUIPMENT SHALL BE ARI & U.L. LISTED WHERE APPLICABLE AND RATED FOR THE REQUIRED SERVICE, PRESSURES, TEMPERATURES, AND SHALL BE PROVIDED WITH ALL NECESSARY TRANSFORMERS, SEALS, VALVES, CONTROLS, CONNECTIONS, GAUGES, ETC. TO FUNCTION PROPERLY.
2. PROVIDE SMOKE DETECTORS IN SUPPLY DUCT OF ALL UNITS 2000 CFM OR OVER. PROVIDE SMOKE DETECTOR & SMOKE DAMPERS IN SUPPLY AND RETURN AIR DUCTS FOR UNITS OF 15,000 CFM OR OVER. ALL SMOKE DETECTORS SHALL BE BY ONE MANUFACTURER. COORDINATE VOLTAGE, ETC. WITH ELECTRICAL CONTRACTOR AND FIRE ALARM SYSTEM BEFORE ORDERING. UPON DETECTION, SMOKE DETECTORS FOR AIR HANDLING UNIT SHALL FOLLOW THE SEQUENCE OF OPERATION AS PER CONTROL DRAWING AND ALL ITS ASSOCIATED MOTORIZED DAMPERS.
3. HVAC CONTRACTOR SHALL TEST AND BALANCE, IN COORDINATION WITH THE CONTROL CONTRACTOR, ALL MECHANICAL EQUIPMENT AND AIR DEVICES. EXTRACTORS, DAMPERS, AHU'S, FANS PUMPS, WATER AND AIR PRSSURES/FLOW RATES, ETC. TO PROVIDE THE DESIGN QUANTITIES FOR AC & LIFE SAFETY MODES OF OPERATION AS SHOWN ON THE PLANS OR SCHEDULES. PROVIDE T & B REPORT IN ACCORDANCE WITH THE AIR BALANCE COUNCIL STANDARDS, SIGNED AND SEALED BY A REGISTERED NEW YORK STATE ENGINEER. PROVIDE FINAL BALANCING FOR ALL SYSTEMS TO SATISFACTION OF OWNER AND ENGINEER. HVAC CONTRACTOR SHALL PROVIDE ALL DAMPERS, VALVES, AIR EXTRACTORS, ADJUSTABLE V-BELT DRIVE, CIRCUIT SETTERS ETC. AS REQUIRED.
4. THERMOSTAT/TEMP. SENSORS LOCATIONS SHALL BE APPROVED BY OWNER AND ENGINEERS BEFORE INSTALLATION. THERMOSTAT SHALL BE MOUNTED AS PER HANDICAP CODE REQUIREMENTS. THERMOSTATS: PROVIDE THERMOSTAT BY SAME MANUFACTURER AS AIR HANDLING EQUIPMENT WHICH SHALL BE COMPATIBLE WITH UNIT; APPROVED EQUAL IS ACCEPTABLE. MOUNT THERMOSTATS AT THE ADA SPECIFIED HEIGHT ABOVE FINISHED FLOOR. LOCATION OF WALL MOUNTED THERMOSTATS SHALL BE COORDINATED WITH OTHER TRADES FOR A NEAT APPEARANCE. EACH T-STAT SHALL BE PROVIDED COMPLETE WITH A SUBBASE AND CLEAR LOCKING COVER. THE HVAC CONTRACTOR SHALL PROVIDE, WIRE, AND INSTALL 24 VOLT T-STATS.
5. ALL PIPING AND DUCTWORK SHALL BE SLEEVED THRU WALLS, BEAMS, SLABS, ETC, AS REQUIRED AND COORDINATED WITH THE STRUCTURAL ENGINEER. REWORK BAR JOIST CROSS BRACING AND PROVIDE NECESSARY TRANSITIONS AS REQUIRED FOR DUCTWORK INSTALLATION.
6. ALL INSULATION WILL HAVE FIRE/SMOKE RATING OF 25/50 OR LESS. NO COMBUSTIBLES ARE ALLOWED IN RETURN AIR PLENUMS.
7. MOTORS:
   PROVIDE U.L. LISTED HIGH EFFICIENCY CAST IRON MOTORS WITH MATCHING MOTOR STARTERS AS FOLLOWS (UNLESS OTHERWISE RECOMMENDED BY MOTOR/EQUIP. MANUFACTURE):
   A. PROVIDE OVERLOAD PROTECTION - 1/3 HP & ABOVE ALL PHASES
   B. PROVIDE REDUCED VOLTAGE STARTING 25 HP AND ABOVE
   C. PROVIDE ACROSS THE LINE VOLTAGE STARTING BELOW 25HP
   D. WHERE SPECIFIED PROVIDE MATCHING MOTORS W/CLASS "H" INSULATION & VARIABLE FREQ. DRIVES AS REQUIRED FOR QUIET OPERATION.
8. FOR ALL BELT DRIVEN AHU'S OR FANS PROVIDE ONE SET OF ADJUSTABLE PULLEY'S FOR PRELIMINARY BALANCE, AND FOR AHU'S REPLACE WITH FIXED PULLEYS AFTER FINAL FAN RPM HAS BEEN SET.
9. ALL EQUIPMENT WIRING TO BE IN ACCORDANCE WITH N.E.C. STANDARDS.
10. PROVIDE BACKDRAFT DAMPERS ON ALL EXHAUST FANS AND/OR INLINE FANS. UNLESS NOTED OTHERWISE ON FAN SCHEDULE.
11. PROVIDE FLEXIBLE DUCT CONNECTOR FOR DUCTWORK CONNECTION TO FANS.
12. AIR HANDLING UNITS, PUMPS, FANS, AIR DISTRIBUTION, AND CONTROLS SHALL BE AS SHOWN ON THE DRAWINGS WITH RESPECT TO CAPACITY, QUALITY PERFORMANCE, ACCESSORIES, ETC. MANUFACTURERS USED FOR THE BASIS OF DESIGN ARE LISTED ON THE DRAWINGS SCHEDULES OR SPECIFIED HEREIN. SUBSTITUTIONS MUST MEET OR EXCEED ALL SPECIFIED REQUIREMENTS. NAMING ACCEPTABLE MANUFACTURERS DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH ALL DESIGN REQUIREMENTS SHOWN ON THE DRAWINGS OR LISTED HEREIN.
13. DUCT HEATERS, WHERE APPLICABLE SHALL BE U.L. LISTED SLIP IN DESIGN AS PER N.E.C., COMPLETE WITH GALVANIZED STEEL FRAME, TOTALLY ENCLOSED TERMINAL BOX, BRANCH FUSES FOR ALL ELEMENTS OVER 48 AMPS, AUTO-RESET THERMAL CUT-OUT, HEAT LIMITERS, FUSED DISCONNECT, AIR FLOW PRESSURE SWITCH, CONTROL TRANSFORMER, 80-20 NICHROME ELEMENT, CERAMIC INSULATORS, MAGNETIC CONTACTORS RATED FOR 100,000 CYCLES. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. BRASCH, WARREN, OR APPROVED EQUAL.
14. ALL FAN DRIVES SHALL BE ADJUSTED TO DELIVER THE SPECIFIED CFM AGAINST THE ACTUAL STATIC PRESSURE OF THE INSTALLATION.
15. ALL OUTSIDE EQUIPMENT SHALL BE SECURED TO WITHSTAND 150 M.P.H. WINDS.
16. VIBRATION ISOLATORS:
    A. PUBLIC AREA AIR HANDLING UNITS SHALL BE PROVIDED WITH FACTORY MOUNTED INTERNAL SPRING VIBRATION ISOLATORS FOR FAN SECTION. MINIMUM STATIC DEFLECTION TO BE 1".
    B. COOLING TOWERS SHALL BE MOUNTED ON HOUSED SPRING VIBRATION ISOLATORS WITH VERTICAL LIMIT STOPS, MIN. DEFLECTION 1", CADMIUM PLATED NUTS AND BOLTS, AND FACTORY RESISTANT COATING.
    C. CONDENSER WATER PIPING INSIDE MECHANICAL ROOM SHALL BE RESILIENTLY SUPPORTED AS SHOWN ON THE DRAWINGS.
    D. ALL EQUIPMENT SHALL BE PROVIDED WITH VIBRATION ISOLATOR INSTALLED AS RECOMMEND BY EQUIPMENT MANUFACTURER.
    E. PUMPS ARE TO BE MOUNTED ON INERTIA PADS WITH SPRING VIBRATION ISOLATORS.
    F. PROVIDE PIPING VIBRATION ISOLATORS ON PIPING @ PUMPS.
    G. PROVIDE PIPE HANGERS WITH VIBRATION ISOLATORS ON PIPING CONNECTED TO PUMPS UP TO 25'-0" FROM PUMP AND AIR HANDLING UNITS.
17. PROVIDE A TRAP IN ALL CONDENSATE PIPING LOCATED AT THE AIR HANDLING UNIT. INTERIOR CONDENSATE LINES SHALL BE COPPER WITH CLOSED CELL FOAM INSULATION. SEE PLUMBING DRAWINGS FOR ROUTING AND DETAILS.
18. PROVIDE TYPE "B" FIRE DAMPERS IN ALL DUCTS OR OPENINGS PENETRATING FIRE RATED WALLS OR FLOORS (SEE ARCHITECTURAL DRAWINGS FOR RATING). PROVIDE RADIATION DAMPERS REQUIRED BY CODE IN FIRE RATED CEILINGS.
19. BUILDING ATTACHMENTS: CONCRETE INSERTS OR STRUCTURAL STEEL FASTENERS APPROPRIATE FOR BUILDING MATERIAL SHALL BE USED.
20. ROOF SUPPORTS: EQUIPMENT MOUNTED ON THE ROOF SHALL BE FURNISHED WITH A FACTORY COMPATIBLE ROOF CURB. EQUIPMENT NOT REQUIRING A CURB SHALL BE SUPPORTED BY EQUIPMENT RAILS EQUAL TO PATE TYPE RAILS OR THYCURB. SEE STRUCTURAL PLANS FOR REQUIRED SUPPORT, OR SUBMIT MANUFACTURER'S METHOD OF ATTACHMENT OF MECHANICAL EQUIPMENT TO THE ROOF TO THE ARCHITECT FOR APPROVAL. PROVIDE HURRICANE TIE-DOWNS AS REQUIRED.
21. PACKAGE ROOFTOP UNITS: RTU'S SHALL BE U.L. LISTED AND DESIGNED FOR OUTDOOR INSTALLATION. EXPOSED CASING SHALL BE GALVANIZED STEEL WITH BAKED ENAMEL FINISH. COILS SHALL BE SEAMLESS COPPER TUBING WITH ALUMINUM FINS MECHANICALLY BONDED TO COIL. COIL SHALL BE MANUFACTURER TESTED. UNIT SHALL HAVE MULTIPLE HERMETIC COMPRESSORS AND COMPLETE WITH INTEGRAL VIBRATION ISOLATION. INDOOR FAN SHALL BE FORWARD-CURVED CENTRIFUGAL TYPE WITH BELT DRIVE AND ADJUSTABLE PITCH PULLEY. OUTDOOR FAN SHALL BE DIRECT-DRIVEN PROPELLER TYPE. FAN BEARINGS SHALL BE SEALED AND PERMANENTLY LUBRICATED. UNIT SHALL BE FURNISHED COMPLETE WITH DISCONNECT, LOW-PRESSURE SWITCH, HIGH-PRESSURE SWITCH, ANTI-SHORT CYCLE PROTECTION, ELECTRIC HEAT, SINGLE-POINT ELECTRICAL CONNECTION, THRU BOTTOM ELECTRICAL SERVICE CONNECTIONS, REFRIGERANT FILTER STRAINER AND ACCUMULATOR, TXV, REFRIGERANT, FILTERS, HOT GAS REHEAT, TEMPERATURE SENSOR AND HUMIDSTAT, ACCESS PANELS, AND CRANKCASE HEATER. REFERENCE EQUIPMENT SCHEDULE FOR ADDITIONAL REQUIREMENTS.

TESTING AND BALANCING NOTES:

1. CONTRACTOR SHALL EMPLOY AND PAY FOR SERVICES OF AN AABC OR NEBB CERTIFIED INDEPENDENT BALANCING AGENCY TO PERFORM SPECIFIED TESTING AND BALANCING. SUBMIT REPORT TO ENGINEER FOR REVIEW.
2. MECHANICAL CONTRACTOR SHALL INFORM THE BALANCING AGENCY OF DEVIATIONS FROM CONTRACT DOCUMENTS MADE TO SYSTEMS DURING CONSTRUCTION AND PROVIDE A COMPLETE SET OF RECORD DOCUMENTS FOR AGENCY USE.
3. MECHANICAL CONTRACTOR SHALL PROVIDE SUPPORT SERVICES FROM THE EQUIPMENT MANUFACTURER AND FROM OTHER SOURCES AS REQUIRED DURING TESTING AND BALANCING.
4. BALANCING CONTRACTOR SHALL COORDINATE AND ASSIST BAS CONTRACTOR IN CALIBRATION OF ALL FLOW MEASURING DEVICES.
5. BALANCING CONTRACTOR SHALL REPORT ANY DEFECTS OR DEFICIENCIES NOTED DURING PERFORMANCE OF SERVICES TO THE ENGINEER.
6. BALANCING CONTRACTOR SHALL LEAK TEST ALL DUCT SYSTEMS THAT ARE PART OF A SUPPLY, RETURN, OUTSIDE, OR EXHAUST AIR SYSTEM, EQUAL OR GREATER THAN 25 FEET IN LENGTH, AND DIRECTLY OR INDIRECTLY CONNECTED TO A FAN.
7. INSTALLATION TOLERANCES:
   A. ADJUST AIR SYSTEMS TO PLUS OR MINUS 5%, MAXIMUMS AND MINIMUMS, FROM FIGURES INDICATED.
   B. ADJUST AIR TERMINAL DEVICES (OUTLETS AND INLETS) TO PLUS OR MINUS 5%, BETWEEN ROOMS EXCEPT THAT MULTIPLE DEVICES ON THE SAME SYSTEM BRANCH WITHIN EACH ROOM MAY BE ADJUSTED TO PLUS OR MINUS 10%.
8. ADJUSTING:
   A. RECORDED DATA SHALL REPRESENT ACTUALLY MEASURED, OR OBSERVED CONDITION.
   B. PERMANENTLY MARK SETTINGS OF VALVES, DAMPERS AND OTHER ADJUSTMENT DEVICES ALLOWING SETTINGS TO BE RESTORED. SET AND LOCK MEMORY STOPS.
   C. AFTER ADJUSTMENT, TAKE MEASUREMENTS TO VERIFY BALANCE HAS NOT BEEN DISRUPTED OR THAT SUCH DISRUPTION HAS BEEN RECTIFIED.
   D. LEAVE SYSTEM IN PROPER WORKING ORDER, REPLACE BELT GUARDS, CLOSING ACCESS DOORS, CLOSING DOORS TO ELECTRICAL SWITCH BOXES AND RESTORE THERMOSTATS TO SPECIFIED SETTINGS.
   E. RECORD HEATING DISCHARGE TEMPERATURE FROM TERMINAL DEVICES WHEN SET TO HEATING MODE.
   F. RECORD COOLING AND HEATING DISCHARGE TEMPERATURE FROM AIR HANDLING UNIT SYSTEMS.
9. CALIBRATION:
   A. CALIBRATE TEMPERATURE TRANSMITTERS IN AHUS.
   B. CALIBRATE HUMIDITY TRANSMITTERS IN RTUS.
   C. CALIBRATE PRESSURE TRANSMITTERS IN AHUS.
10. AIR SYSTEM PROCEDURE:
    A. ADJUST AIR HANDLING AND AIR DISTRIBUTION SYSTEMS TO PROVIDE DESIGN SUPPLY, RETURN AND EXHAUST AIR QUANTITIES.
    B. MAKE AIR QUANTITY MEASUREMENTS INDICATED BY PILOT TUBE TRAVERSE OF ENTIRE CROSS SECTIONAL AREAS OF DUCT.
    C. ONLY BALANCE THE MAIN ROOF TOP UNITS AS PART OF THE SCOPE OF WORK ON THIS PROJECT.
    D. MEASURE STATIC AIR PRESSURE CONDITIONS ON AIR HANDLING UNITS, INCLUDING FILTER, COIL AND OTHER COMPONENT PRESSURE DROPS, AND TOTAL PRESSURE ACROSS THE FAN. (MAKE ALLOWANCES FOR 100% LOADING (INITIAL VERSUS CHANGE PRESSURE DROP) OF FILTERS.
11. FINAL PUNCH LIST:
    A. BALANCING CONTRACTOR SHALL ALLOW FOR 4 HOURS OF SPOT CHECKING OF AIR BALANCING DURING THE ENGINEER'S FINAL PUNCH LIST. IF SPOT CHECKS REVEAL THAT BALANCING REPORT WAS NOT ACCURATE, THE SYSTEM WILL BE RE-BALANCED. THE BALANCING CONTRACTOR WILL BARE THE COSTS OF RE-BALANCING.
12. SHEAVE CHANGES:
    A. BALANCING CONTRACTOR SHALL PROVIDE SHEAVE CHANGES AS NEEDED TO PROPERLY BALANCE SYSTEM. BALANCING CONTRACTOR SHALL NOT USE ATC CONTROL DEVICES (CONTROL DAMPERS, VFDS ETC) TO BALANCE SYSTEM. ON VFD DRIVEN EQUIPMENT SHEAVES SHALL BE SET TO ALLOW MOTOR TO OPERATE ACROSS THE LINE WHILE MEETING DESIGN CAPACITY.
13. REPORT:
    A. SUBMIT BALANCE AND TESTING REPORT FOR ENGINEER REVIEW AND APPROVAL. PROVIDE REPORT ON NEBB OR AABC FORMS. CLEARLY INDICATE INITIAL VERSE FINAL READING. DESIGN VERSE FIELD VALUES. INDICATE ANY SYSTEM DEFICIENCIES.

COORDINATION NOTES:

1. HVAC CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE HIS WORK/EQUIPMENT FOR SIZE, LOCATION, CLEARANCE, ACCESS AND ELECTRICAL CHARACTERISTICS WITH ALL OTHER TRADES AND TO PROVIDE SHOP DRAWINGS TO THE ENGINEER FOR REVIEW BEFORE INSTALLATION OF DUCTWORK OR EQUIPMENT. SHOP DRAWING WILL INCLUDE BEAM OR STRUCTURE ELEVATION & REQUIRED EQUIPMENT ACCESS AREAS. CONTRACTOR SHALL INFORM ENGINEER OF ANY CLEARANCE PROBLEMS WITH OTHER TRADES BEFORE INSTALLATION.
2. WALL, ROOF, AND CEILING OPENINGS INDICATED ON CONTRACT DRAWINGS ARE NOMINAL DIMENSIONS ONLY AND ALL DUCT, PIPE OR EQUIPMENT PENETRATIONS SHALL BE SLEEVED AND FIRE RATED AS REQUIRED, ADJUST OPENINGS FOR STRUCTURE.
3. COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES, REGISTERS AND DUCTS IN THE FIELD WITH LIGHTS, SPRINKLERS AND ARCHITECTURAL/STRUCTURAL ELEMENTS.
4. COORDINATE LOCATION OF THE EQUIPMENT AND ACCESS SPACE, THERMOSTATS, FANS AND DUCTWORK WITH BUILDING STRUCTURE AND OTHER TRADES SO THAT NO INTERFERENCES OCCUR.
5. MECHANICAL PLANS IN GENERAL, ARE DIAGRAMMATIC IN NATURE, AND ARE TO BE READ IN CONJUNCTION WITH ARCH., PLUMBING, ELECTRICAL AND STRUCTURAL PLANS. DUCT AND PIPING OFFSETS, BENDS AND TRANSITIONS OF EQUIVALENT SIZE WILL BE REQUIRED TO PROVIDE AND INSTALL A COMPLETE FUNCTIONAL SYSTEM AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST.

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
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NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
ONE CENTRE STREET, 17TH FLOOR SOUTH
NEW YORK, NY 10007

MANAGING AGENCY :
NYC DEPARTMENT OF DESIGN & CONSTRUCTION (DDC)
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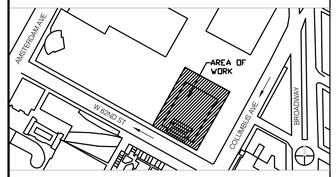
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HVAC ENGINEER:
AXON ENGINEERING SERVICES, LLC
222 OUTWATER LN, SUITE 3A
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KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

NYC DDC Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF
PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

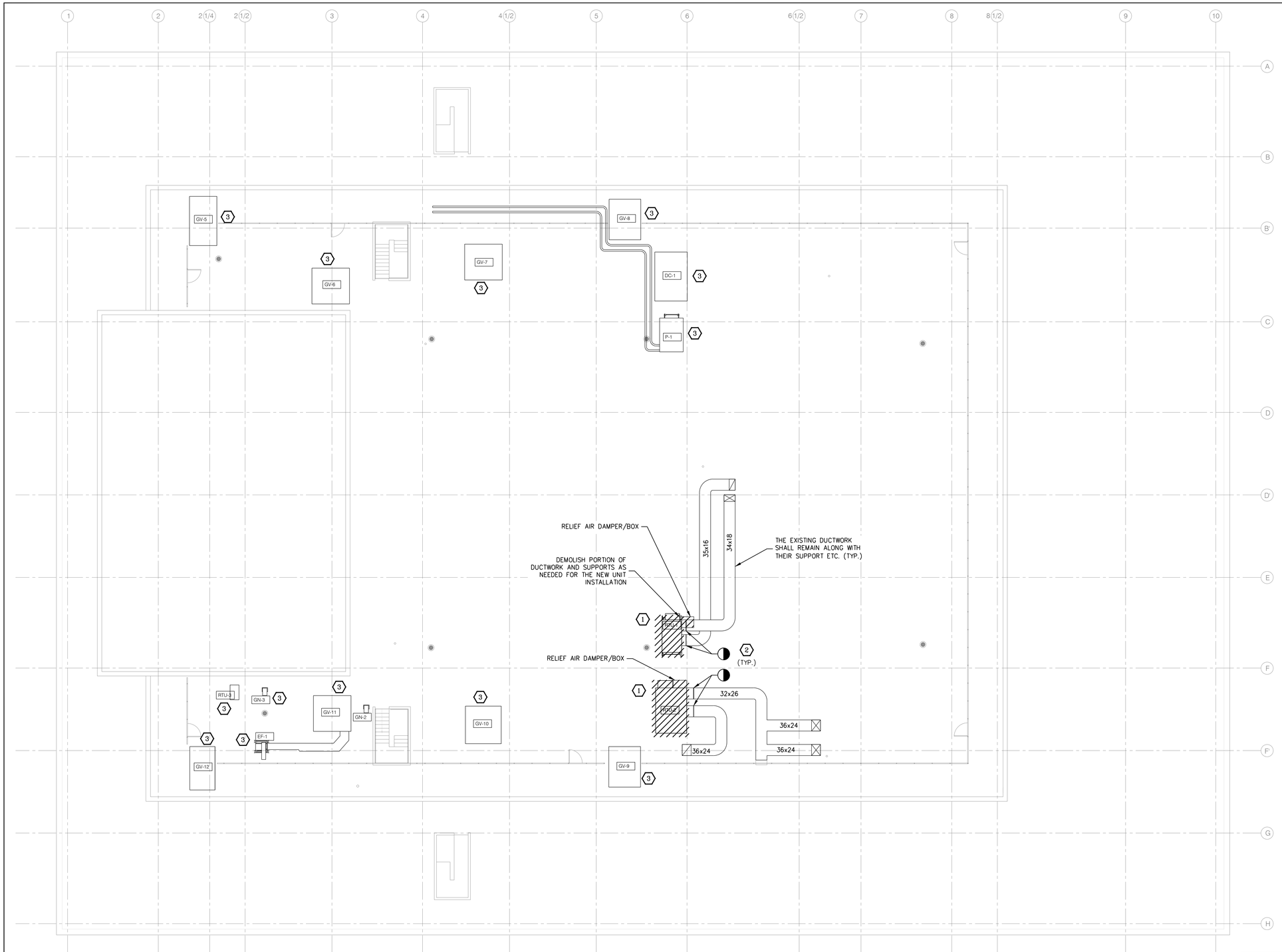
FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DRAWING TITLE:
MECHANICAL NOTES

SEAL & SIGNATURE

STATE OF NEW YORK · ALEXANDER BATH · LICENSED PROFESSIONAL ENGINEER · 087798

DATE:	31 JAN, 2025
PROJECT NO:	2016-00
DRAWN BY:	MR
CHECKED BY:	AO
DRAWING NUMBER:	M002.00
CADD FILE No:	02 OF 04



1 ROOF DEMOLITION PLAN – MECHANICAL
SCALE: 3/32"=1'-0"

PLAN NOTES:

1. REFER TO DRAWING M-001 FOR MECHANICAL SYMBOLS, ABBREVIATIONS AND NOTES.
2. CONTRACTOR TO CONFORM TO THE EXISTING SEQUENCE OF OPERATION FOR ALL EQUIPMENT THAT ARE TO BE DISTURBED.
3. ALL WORK SHALL BE COORDINATED WITH ALL APPLICABLE TRADES TO FACILITATE THE REMOVAL AND INSTALLATION OF THE NEW ROOFING SYSTEM.
4. ALL EXISTING EQUIPMENT SHOWN IN THE DRAWING SHALL REMAIN THE SAME, UNLESS OTHERWISE NOTED.

KEY NOTES:

1. DEMOLISH THE EXISTING PACKAGED ROOF TOP UNITS. COORDINATE THE WORK WITH ALL TRADES AND EXISTING CONDITIONS.
2. DEMOLISH THE PORTION OF DUCTWORK REQUIRED FOR THE INSTALLATION OF THE NEW ROOF TOP UNITS. COORDINATE THE EQUIPMENT/DUCTWORK SUPPORT REMOVAL, IF REQUIRED, BY ALL OTHER TRADES.
3. EXISTING EQUIPMENT TO REMAIN.

DOB APPROVAL STAMP

NEW YORK CITY BALLET

ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
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NEW YORK, NY 10023

SPONSOR AGENCY :
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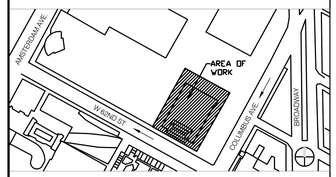
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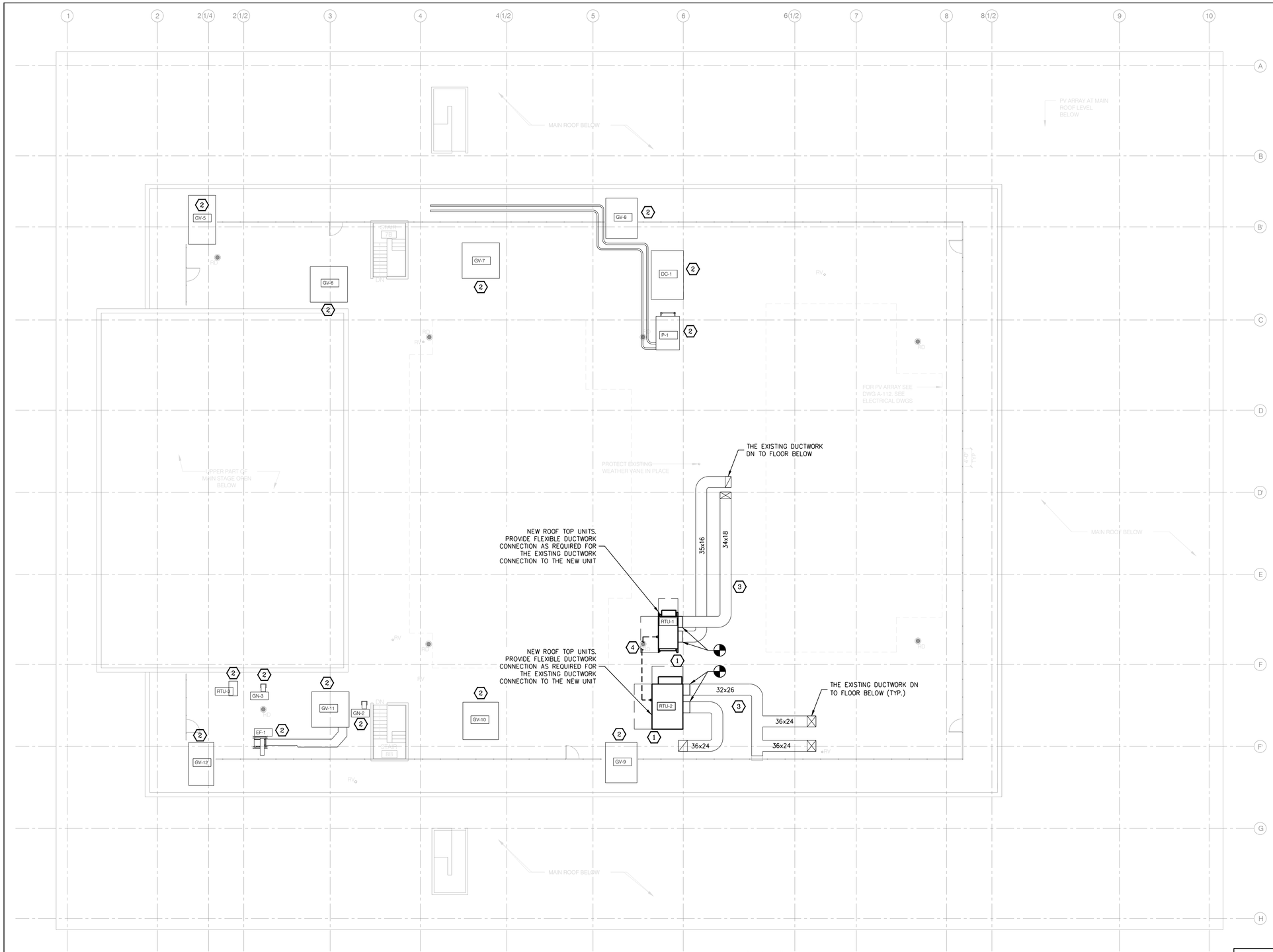
FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DRAWING TITLE:
ROOF DEMOLITION PLAN - MECHANICAL

SEAL & SIGNATURE

STATE OF NEW YORK · ALEXANDER ORAY · 091795 · LICENSED PROFESSIONAL ENGINEER

DATE:	31 JAN, 2025
PROJECT NO:	2016-00
DRAWN BY:	MR
CHECKED BY:	AO
DRAWING NUMBER:	DM102.00
CADO FILE No:	03 OF 04



1 ROOF PLAN – MECHANICAL
SCALE: 3/32"=1'-0"

PLAN NOTES:

1. REFER TO DRAWING M-001 FOR MECHANICAL SYMBOLS, ABBREVIATIONS, NOTES AND SCHEDULE.
2. CONTRACTOR TO CONFORM TO THE EXISTING SEQUENCE OF OPERATION FOR ALL EQUIPMENT THAT ARE TO BE DISTURBED.
3. ALL WORK SHALL BE COORDINATED WITH ALL APPLICABLE TRADES TO FACILITATE THE REMOVAL AND INSTALLATION OF THE NEW ROOFING SYSTEM.
4. ALL EXISTING EQUIPMENT SHOWN IN THE DRAWING SHALL REMAIN THE SAME, UNLESS OTHERWISE NOTED.

KEY NOTES:

1. COORDINATE THE NEW ROOF TOP UNIT INSTALLATION WITH ALL OTHER TRADES. REFER TO THE STRUCTURAL DRAWINGS FOR DUNNAGE SCOPE OF WORK AND ANY MODIFICATIONS REQUIRED.
2. THE EXISTING UNITS SHALL REMAIN.
3. TEST AND BALANCE THE RTUs FOR THE REQUIRED AIRFLOW NOTED IN THE EQUIPMENT SCHEDULES
4. PROVIDE 1-1/4" CONDENSATE DRAIN LINE WITH SPLASH BLOCK. DISCHARGE TO THE NEAREST ROOF DRAIN.

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
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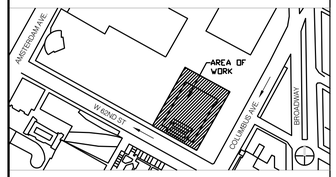
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Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

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PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DRAWING TITLE:
PROPOSED ROOF PLAN - MECHANICAL

SEAL & SIGNATURE

STATE OF NEW YORK · ALEXANDER PAPA · 091799 · LICENSED PROFESSIONAL ENGINEER

DATE:	31 JAN, 2025
PROJECT NO:	2016-00
DRAWN BY:	MR
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CADO FILE No:	
	04 OF 04

1 SYMBOLS

V — VENT (V)	CO — CLEANOUT (CO)
EX. V — VENT (V) EXISTING	FCO — FLOOR CLEANOUT (FCO)
VENT (V) DEMO	P-TRAP
	WALL CLEANOUT (CO)
ST — STORM (ST)	BOTTOM DROP
EX. ST — STORM (ST) EXISTING	ELBOW DOWN
STORM (ST) DEMO	ELBOW UP
	RISE OR DROP
PIPE GUIDE	POINT OF DISCONNECTION (EXISTING TO DEMO)
PIPE ANCHOR	POINT OF CONNECTION (NEW TO EXISTING)
SLEEVE	KEYNOTE SYMBOL
ROOF DRAIN (RD)	
FLOOR DRAIN (FD)	

2 N.Y.C. BUILDING DEPARTMENT NOTES

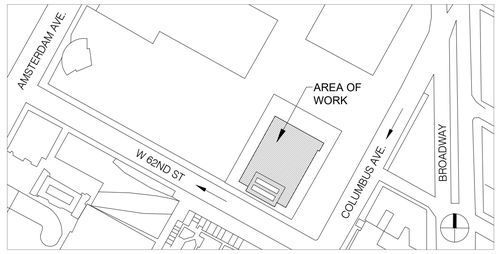
1. ALL PLUMBING SYSTEMS (STORM DRAINAGE SYSTEM) AND ALL ASSOCIATED EQUIPMENT WILL BE INSTALLED, OPERATED AND MAINTAINED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2022 NYC PLUMBING CODE, (NYC PC), & REFERENCED STANDARDS.
2. THE STORM DRAINAGE PIPING SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 11, SECTIONS PC 1101 THROUGH 1113. PER PC 1101.5, SIZE OF A DRAINAGE PIPE CANNOT BE REDUCED IN THE DIRECTION OF FLOW.
3. PLUMBING TO BE INSTALLED IN ACCORDANCE WITH PC 304, SECTIONS PC 304.2 AND 304.4 TO PREVENT RODENTS FROM ENTERING STRUCTURE.
4. MATERIALS USED IN PLUMBING STORM DRAINAGE SYSTEMS SHALL BE IN WITH THE REQUIREMENTS OF SECTION PC 303, PC 702, AND IN ACCORDANCE WITH PC 1102.
5. ROOF DRAIN CONNECTIONS AND JOINING OF PIPING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 11, SECTION PC 1104 AND PC 1105. PER SECTION 1101.6: ALL CONNECTIONS AND CHANGES IN DIRECTION OF THE STORM DRAINAGE SYSTEM SHALL BE MADE WITH APPROVED DRAINAGE-TYPE FITTINGS IN ACCORDANCE WITH TABLE 706.3. THE FITTINGS SHALL NOT OBSTRUCT OR RETARD FLOW IN THE SYSTEM. JOINTS AT THE ROOF AND AROUND ROOF DRAINS MUST BE MADE WATERTIGHT USING APPROVED MATERIALS AND FLASHING.
6. DRAINAGE PIPE CLEANOUTS AS PER SECTION PC 1101.8. CLEANOUTS SHALL BE INSTALLED IN THE STORM DRAINAGE SYSTEM AND SHALL COMPLY WITH THE PROVISIONS OF THIS CODE FOR SANITARY DRAINAGE PIPE CLEANOUTS
7. ALL STORM DRAINAGE PIPING TO BE ADEQUATELY SUPPORTED BOTH VERTICALLY AND HORIZONTALLY IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTERS 3, SECTION PC 308.
8. ROOF DRAINS SHALL CONFORM TO ASME A112.6.4 OR ASME A112.3, AS PER SECTION 1102.6 ROOF DRAINS; SIZED AND INSTALLED AS PER SECTION 1105 .
9. THROUGH-PENETRATIONS AND MEMBRANE-PENETRATIONS OF HORIZONTAL ASSEMBLIES AND FIRE-RESISTANCE-RATED WALL OR A ROOF/CEILING ASSEMBLIES SHALL BE PROTECTED AS PER THE PROVISIONS OF BC 714.
10. SPECIAL INSPECTION REQUIRED FOR FIRE- RESISTANCE PENETRATION AND JOINTS BC 1705.17 (TR1 FORM 1704.27)
11. INSPECTION AND TESTING OF PLUMBING SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION PC 108, PC 1101.4 & PC 312.

3 ABBREVIATIONS

AP	ACCESS PANEL
AD	AREA DRAIN
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ARCH	ARCHITECTURE
ATM	ATMOSPHERE
AUTO	AUTOMATIC
AUX	AUXILLARY
B/S	BELOW SLAB
BFV	BUTTERFLY VALVE
BLDG	BUILDING
BOB	BOTTOM OF BEAM
BOP	BOTTOM OF PIPE
BSMT	BASEMENT
BV	BALL VALVE
CAP	CAPACITY
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CFS	CUBIC FEET PER SECOND
CG	COMPOUND GAUGE
CI	CAST IRON
CLG	CEILING
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CONN.	CONNECTION
CONT.	CONTINUED
CONTR	CONTRACTOR
CV	CHECK VALVE
CW	COLD WATER
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DR	DRAIN
DS	DOWNSPOUT OR RAIN LEADER DESIGNATION
DT	DRAIN TILE
DV	DRAIN VALVE
DWG	DRAWING
ETR	EXISTING TO REMAIN
EFF	EFFICIENCY
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
ELEV.	ELEVATION
EQUIP	EQUIPMENT
ET	EXPANSION TANK
EX/EXIST	EXISTING
EXP	EXPANSION
F	FAHRENHEIT
FBO	FURNISHED BY OTHERS
FCO	FLOOR CLEANOUT
FD 1,2,3...	FLOOR DRAIN
FIN	FINISH
FF	FINISHED FLOOR
FIXT	FIXTURE
FLR	FLOOR
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FT	FOOT/FEET
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GCO	GRADE OR GROUND CLEANOUT
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GTV	GATE VALVE
HB	HOSE BIBB
HD	HEAD OR HUB DRAIN
HP	HORSEPOWER OR HIGH POINT
HR	HOUR
HS	HOSE STATION
HYD	HYDRAULIC
ID	INDIRECT DRAIN
INSUL	INSULATION
IN	INCHES
INV. ELEV.	INVERT ELEVATION
IW	INDIRECT WASTE
IWH	INTERIOR WALL HYDRANT
LBS	POUNDS
LPT	LOW POINT
MAX	MAXIMUM
MD	MAIN DRAIN
MER	MECHANICAL EQUIPMENT ROOM
MEZZ	MEZZANINE
MFR	MANUFACTURER
MTD	MOUNTED
NA	NOT APPLICABLE
N&C	NIPPLE AND CAP
N.C.	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO.	NUMBER
N.O.	NORMALLY OPEN
NTS	NOT TO SCALE
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
OFD	OVERFLOW DRAIN
OS&Y	OUTSIDE SCREW AND YOKE
PBV	PRESSURE BALANCING VALVE
PC	PLUMBING CONTRACTOR
PD	PUMP DISCHARGE
PG	PRESSURE GAUGE
PH	PENTHOUSE OR PHASE
PITCH	PITCHES UP OR DOWN
PLBG	PLUMBING
POC	POINT OF CONNECTION
PRESS	PRESSURE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
QTY	QUANTITY
RD	ROOF DRAIN
RN	RISER NIPPLE
RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE ZONE
SB	SETTLING BASIN
S.F.	SQUARE FOOT
SL	SLOPE
SP	STANDPIPE
SQ	SQUARE
ST	STORM SEWER (OR STORM RISER)
STK	STACK
STR	STACK THRU ROOF
SUB-CONTR.	SUB CONTRACTOR
SYS	SYSTEM
T&P	TEMPERATURE AND PRESSURE
TD	TRENCH DRAIN
TEMP	TEMPERATURE
TH	THERMOMETER
TYP	TYPICAL
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
V	VENT
VB	VACUUM BREAKER
VEL	VELOCITY
VERT	VERTICAL
VIF	VERIFY IN FIELD
VTR	VENT THRU ROOF
W/	WITH
WC	WATER CLOSET
WCO	WALL CLEANOUT
WR	WATER RISER

4 DEMOLITION NOTES

1. DEMOLITION INFORMATION SHOWN ON THE DRAWINGS IS BASED ON EXIST DRAWINGS AND A REVIEW OF THE EXIST CONDITIONS.
2. PERFORM ALL WORK OF A DEMOLITION NATURE THAT MAY BE REQUIRED OR NECESSARY FOR A FULL AND COMPLETE EXECUTION OF THE WORK, WHETHER OR NOT SHOWN OR SPECIFIED. THE EXACT EXTENT OF DEMOLITION MAY NOT BE FULLY INDICATED BY THE DRAWINGS. DETERMINE THE NATURE AND EXTENT OF DEMOLITION THAT WILL BE NECESSARY BY COMPARING THE CONTRACT DOCUMENTS WITH THE FIELD CONDITIONS PRIOR TO BIDS.
3. MATERIALS AND EQUIPMENT TO BE SALVAGED OR REUSED SHALL BE IDENTIFIED BY THE OWNER. THESE ITEMS ARE THE PROPERTY OF THE OWNER AND SHALL BE RETURNED TO THE OWNERS DESIGNATED STORAGE AREA. WHERE REMOVAL IS REQUIRED THE CONTRACTOR SHALL BE RESPONSIBLE FOR CARE TAKEN DURING THE HANDLING OF THESE ITEMS. EXISTING AND NEW ROOF DRAINS TO BE PROTECTED THROUGHOUT CONSTRUCTION.
4. DEMOLISHED MATERIALS AND EQUIPMENT NOT BEING SALVAGED OR REUSED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE SITE AND LEGALLY DISPOSED OF.
5. WHERE EXISTING FIXTURES ARE INDICATED TO BE DEMOLISHED: THIS SHALL INCLUDE ALL CONNECTED PIPING, CARRIERS, SUPPORTS, SLEEVES, HANGERS, FITTINGS, AND OTHER ACCESSORIES. PIPING SHALL BE REMOVED TO A LOCATION ABOVE THE CEILING OR BEHIND WALLS AND CAPPED. INACTIVE BRANCHES OR DEAD END ARE NOT ALLOWED. CONTRACTOR SHALL REMOVE PIPING AS REQUIRED.
6. WHERE DEMOLITION OF FIXTURE AND REMOVAL OF PIPING OR OTHER ACCESSORY LEAVES AN OPENING IN THE FLOOR, WALL, OR CEILING, SAME SHALL BE PATCHED TO MATCH EXISTING ADJACENT FINISH.



SITE PLAN

SCOPE OF WORK – ROOF DRAIN INSTALLATION

THIS SCOPE OF WORK FOR THE NYC BALLET PROJECT CONSISTS OF REPLACING ALL ROOF DRAINS AND ANY ASSOCIATED PIPING AS PART OF THE ROOFING PROJECT FOR A NEW FLAT ROOF MEMBRANE OVER EXITING CONCRETE DECK . ALL WORK IS TO BE IN FULL COMPLIANCE WITH APPLICABLE BUILDING CODES AND INDUSTRY-STANDARD WATERPROOFING PRACTICES.

5 GENERAL NOTES

1. DO NOT SUPPORT PLUMBING PIPING FROM METAL DECK.
2. COORDINATE SCHEDULE FOR HOOK-UPS TO EXISTING SYSTEMS AND EQUIPMENT REMOVAL OR RELOCATIONS WITH THE OWNER AND PERFORM THIS WORK AT SUCH TIMES TO ENSURE THAT PERIODS OF SHUTDOWN WILL BE ACCEPTABLE TO THE OWNER.
3. VERIFY EXACT LOCATION OF CONNECTION POINTS (NEW TO EXISTING) IN FIELD PRIOR TO CONSTRUCTION.
4. COORDINATE INSTALLATION OF NEW PIPING WITH EXISTING BUILDING STRUCTURE, DUCTWORK, PIPING, ELECTRICAL CONDUIT, LIGHTING, ETC.
5. RELOCATE EXISTING PIPING IN EXISTING CEILING SPACES TO ACCOMMODATE ALL RENOVATIONS AND ADDITIONS AS NEEDED.
6. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF MECHANICAL HVAC UNITS TO BE REPLACED AS PART OF THE PROJECT.
7. THIS PLAN IS APPROVED FOR WORK INDICATED PER THE APPLICABLE DRAWINGS AND SPECIFICATIONS ONLY. ALL OTHER AREAS SHOWN ARE FOR REFERENCE ONLY AND SHALL NOT BE CONSIDERED OR APPROVED TO BE IN ACCORDANCE WITH APPLICABLE CODES OR AUTHORITY HAVING JURISDICTION.
8. NOT ALL PIPING AND SIZES ARE SHOWN ON THE DRAWINGS FOR CLARITY. REFER TO STORM RISER DIAGRAM, FOR ADDITIONAL PIPING AND SIZES.
9. CUT, PATCH AND MATCH EXISTING CEILINGS, WALLS AND FLOORS AS REQUIRED PER INSTALLATION OF PLUMBING PIPING.
10. ALL EXISTING BUILDING UTILITIES HAVE BEEN DOCUMENTED FROM AVAILABLE DRAWINGS, RECORDS AND FIELD SURVEY AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION AND SIZE OF ALL EXISTING UTILITIES BEFORE BEGINNING WORK.
11. DRAWING CONTAINS A LIST OF ABBREVIATIONS AND SYMBOLS ON THIS SHEET.
12. THE SPACE ABOVE THE CEILING IS LIMITED AND THE INSTALLATION OF WORK WILL BE TIGHT. DUE TO THIS, IT IS IMPORTANT THAT THE TRADE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THEIR WORK WITH THE CEILING SYSTEM HEIGHT AND CONSTRUCTION, THE STRUCTURAL SYSTEM, THE LIGHTING FIXTURES, THE SPRINKLER HEADS / MAINS AND THE PLUMBING PIPES. ROUTE PIPING AS HIGH AS POSSIBLE. MAINTAIN PROPER SERVICE ACCESS CLEARANCE. ACCURATE SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL, PRIOR TO FIELD INSTALLATION.
13. DO NOT INSTALL ANY NEW WORK DIRECTLY ABOVE ANY ELECTRICAL PANELS AND TRANSFORMERS.
14. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND MAY NOT SHOW EXACT ROUTING OR ALL REQUIRED OFFSETS, ACCESSORIES OR APPURTENANCES. CONTRACTOR SHALL PROVIDE AS REQUIRED TO INSTALL A COMPLETE AND COORDINATED JOB, INCLUDING ANY ADDITIONAL ITEMS REQUIRED TO MEET ACTUAL FIELD CONDITIONS AND ACTUAL EQUIPMENT SELECTED.
15. FOR EXACT LOCATION OF EQUIPMENT AND FIXTURES, SEE ARCHITECTURAL DRAWINGS.
16. NO EQUIPMENT OR DEVICE REQUIRING REGULAR ACCESS OR MAINTENANCE SHALL BE INSTALLED IN AN INACCESSIBLE CEILING CAVITY. LOCATE SUCH ITEMS ABOVE ACOUSTIC TILE CEILINGS WHEREVER POSSIBLE. IF ANY SUCH ITEMS ARE REQUIRED TO BE INSTALLED ABOVE DRYWALL CEILINGS, PROVIDE AN ACCESS PANEL OR PANELS SIZED AND LOCATED TO PROVIDE SUFFICIENT ACCESS FOR EQUIPMENT SERVICE. SUBMIT LAYOUT OF ALL REQUIRED ACCESS PANELS FOR ARCHITECTS REVIEW AND APPROVAL PRIOR TO THE ONSET OF INSTALLATION.

6 SCOPE OF WORK

SCOPE OF WORK INVOLVES REPLACEMENT OF EXISTING ROOF DRAINS AND INSPECTION OF ROOF DRAIN PIPING. BELOW IS AN ABBREVIATED SCOPE OF WORK. REFER TO DESIGN DRAWING P-601 DETAIL #1 FOR ADDITIONAL SCOPE OF WORK & PROJECT SPECIFICATIONS FOR ROOF DRAIN INSTALLATION

1. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT, AND SERVICES NECESSARY TO COMPLETE THE ROOF DRAIN INSTALLATION AS SPECIFIED HEREIN. ALL WORK SHALL COMPLY WITH APPLICABLE BUILDING CODES, INDUSTRY STANDARDS, AND PROJECT-SPECIFIC REQUIREMENTS.
   - 1.1. REMOVE AND REPLACE EXISTING ROOF DRAINS WITH NEW DRAINS. INSTALL NEW 4" OR 5" DIAMETER ROOF DRAINS AT THE SAME LOCATIONS AS THE EXISTING DRAINS, ENSURING THE SAME FORM, FIT AND FUNCTION OF THE CURRENT ROOF STRUCTURE AND SYSTEM REQUIREMENTS.
   - 1.2. COORDINATE AND FACILITATE PROPER CONNECTION BETWEEN THE PIPING AND THE NEW ROOF DRAINS.
   - 1.3. CONTRACTOR SHALL INSPECT AND ENSURE PROPER FUNCTION OF THE EXISTING STORM DRAINAGE SYSTEM AS REQUIRED, INCLUDING ALL STORM PIPING SERVING THE ROOF DRAINS IMMEDIATELY BELOW THE ROOF.
   - 1.4. CONTRACTOR SHALL REMOVE AND REPLACE UP TO 5 LINEAR FEET OF HORIZONTAL AND VERTICAL PIPING INSULATION AS NECESSARY TO FACILITATE THE INSTALLATION OF NEW ROOF DRAINS.
2. CONTRACTOR TO ENSURE ALL EXISTING PIPING BELOW THE ROOF DRAINS REMAINS INTACT. INSPECT PIPING FOR CORROSION, SCALING, BLOCKAGES AND PIPING SUPPORTS. CONTRACTOR TO ENSURE THAT THE DRAINAGE SYSTEM FUNCTIONS CORRECTLY UPON COMPLETION OF CONSTRUCTION.
   - 2.1. IF INSPECTION REVEALS THAT STORM PIPING BELOW THE ROOF IS COMPROMISED, AND UNFORESEEN FIELD CONDITIONS ARE ENCOUNTERED, THE CONTRACTOR SHALL:
     - 2.1.1. NOTIFY THE COMMISSIONER'S REPRESENTATIVE FOR INSTRUCTIONS REGARDING REPAIR AND/OR REPLACEMENT OF THE COMPROMISED PIPING.
3. REFER TO DESIGN DRAWING P-601/ ITEM #1 FOR ADDITIONAL SCOPE OF WORK & PROJECT SPECIFICATIONS – ROOF DRAIN INSTALLATION.
4. ALL EXISTING AND NEW ROOF DRAINS TO BE PROTECTED THROUGHOUT CONSTRUCTION.
5. ALL STORM DRAIN PIPES TO BE CLEANED OUT AT THE COMPLETION OF CONSTRUCTION AND SHOULD BE CLEANED/CLEARED UP TO 10'.
   - 5.1. CONSULT PROJECT SPECIFICATIONS APPENDIX FOR CONTRACTORS CURRENT REPORT WITH CCTV FOOTAGE AND ANALYSIS OF BLOCKAGE LOCATIONS AND CONDITIONS
6. CONTRACTOR TO DO CCTV INSPECTION OF EXISTING STORM DRAIN PIPING FROM ROOF DRAIN TO STORM RISER AFTER CONSTRUCTION IS COMPLETED TO ENSURE ALL STORM DRAIN PIPING FOR ROOF DRAINS ARE IN ACCEPTABLE CONDITIONS AFTER CONSTRUCTION IS COMPLETED. CONTRACTOR TO PROVIDE REPORT ON FINDINGS.
   - 6.1. IF INSPECTION REVEALS AN EXTENSIVE AMOUNT OF PIPING IS COMPROMISED & REQUIRES REPLACEMENT; THE STORM PIPING TO BE THOROUGHLY INSPECTED AND DOCUMENTED FOR FUTURE REPLACEMENT OF STORM DRAIN PIPING. AS NECESSARY, INCORPORATING THE REMOVAL OF BLOCKAGES USING APPROPRIATE METHODS (DRAIN SNAKING, HYDRO-JETTING), AND PIPING AND INSULATION REPLACEMENT

PLUMBING DRAWING LIST

SHEET NUMBER	SHEET NAME
P-001.00	PLUMBING SET COVER PAGE, DRAWING LIST, NOTES, SYMBOLS & ABBREVIATIONS
PD-101.00	PLUMBING MAIN ROOF DEMOLITION PLAN
PD-102.00	PLUMBING PENTHOUSE ROOF DEMOLITION PLAN
PD-103.00	PLUMBING STAGE HOUSE ROOF DEMOLITION PLAN
P-101.00	PLUMBING PROPOSED MAIN ROOF PLAN
P-102.00	PLUMBING PROPOSED PENTHOUSE ROOF PLAN
P-103.00	PLUMBING PROPOSED STAGE HOUSE ROOF PLAN
P-201.00	PLUMBING RISER DIAGRAM
P-601.00	PLUMBING DETAILS & SCHEDULE

NYC SPECIAL & PROGRESS INSPECTIONS

TR-1 INSPECTIONS:-

1. POST INSTALLED ANCHORS	BC 1705.32 (TR1 FORM 1704.32)
2. FIRE- RESISTANCE PENETRATION AND JOINTS	BC 1705.17 (TR1 FORM 1704.27)
3. SPRAYED FIRE RESISTANT MATERIALS	BC 1705.14 (TR1 FORM 1704.11)

NOTE:
- NO CHANGE TO USE, EGRESS OR OCCUPANCY

FEMA NOTE:
- PROPERTY NOT IN A SPECIAL FLOOD HAZARD AREA.

COMPLIANCE WITH NYCECC CODE

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2022 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK CITY.

DOB APPROVAL STAMP

NEW YORK CITY BALLET

ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:

NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :

NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
NEW YORK, NY 10007

NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
ONE CENTRE STREET, 17TH FLOOR SOUTH
NEW YORK, NY 10007

MANAGING AGENCY :

NYC DEPARTMENT OF DESIGN & CONSTRUCTION (DDC)
30-30 THOMSON AVENUE
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ARCHITECT:

NANDINEE PHOOKAN ARCHITECTS
45 MAIN STREET SUITE #620
BROOKLYN NY 11201

STRUCTURAL ENGINEER:

DRPILLA
143 MAIN STREET
NYACK, NY, 10960

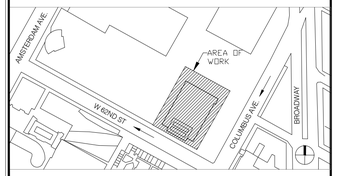
ELECTRICAL/ PLUMBING ENGINEER:

DOSE ENGINEERS
15 W 38TH STREET, 4TH FLOOR
NEW YORK, NY 10018

HVAC ENGINEER:

AXON ENGINEERING
OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF

PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DOB NOW Application: M01206784-I1

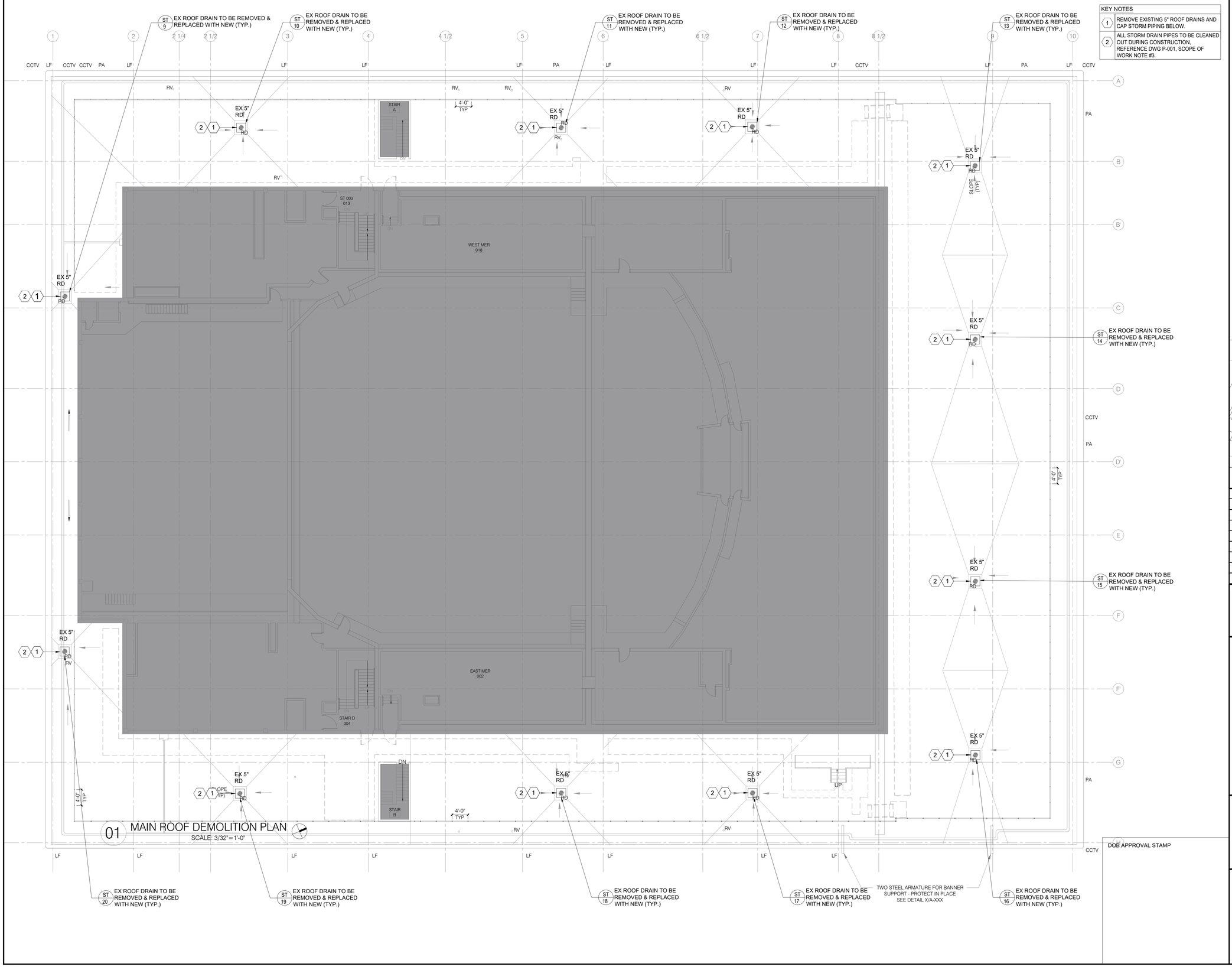
DRAWING TITLE:

PLUMBING SET COVER PAGE DRAWING LIST, NOTES, SYMBOLS & ABBREVIATIONS

SEAL & SIGNATURE

STATE OF NEW YORK ★ ANDSTERE JEAN ★ 085551 ★ LICENSED PROFESSIONAL ENGINEER

DATE:	10/24/25
PROJECT NO:	24010
DRAWN BY:	J.C.
CHECKED BY:	A.J
DRAWING NUMBER:	P-001.00
CADO FILE No:	01 OF 09



NEW YORK CITY BALLET

ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:

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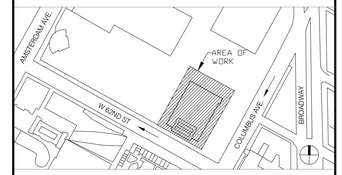
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Department of Citywide Administrative Services (DCAS)

DOB NOW Application: M01206784-I1

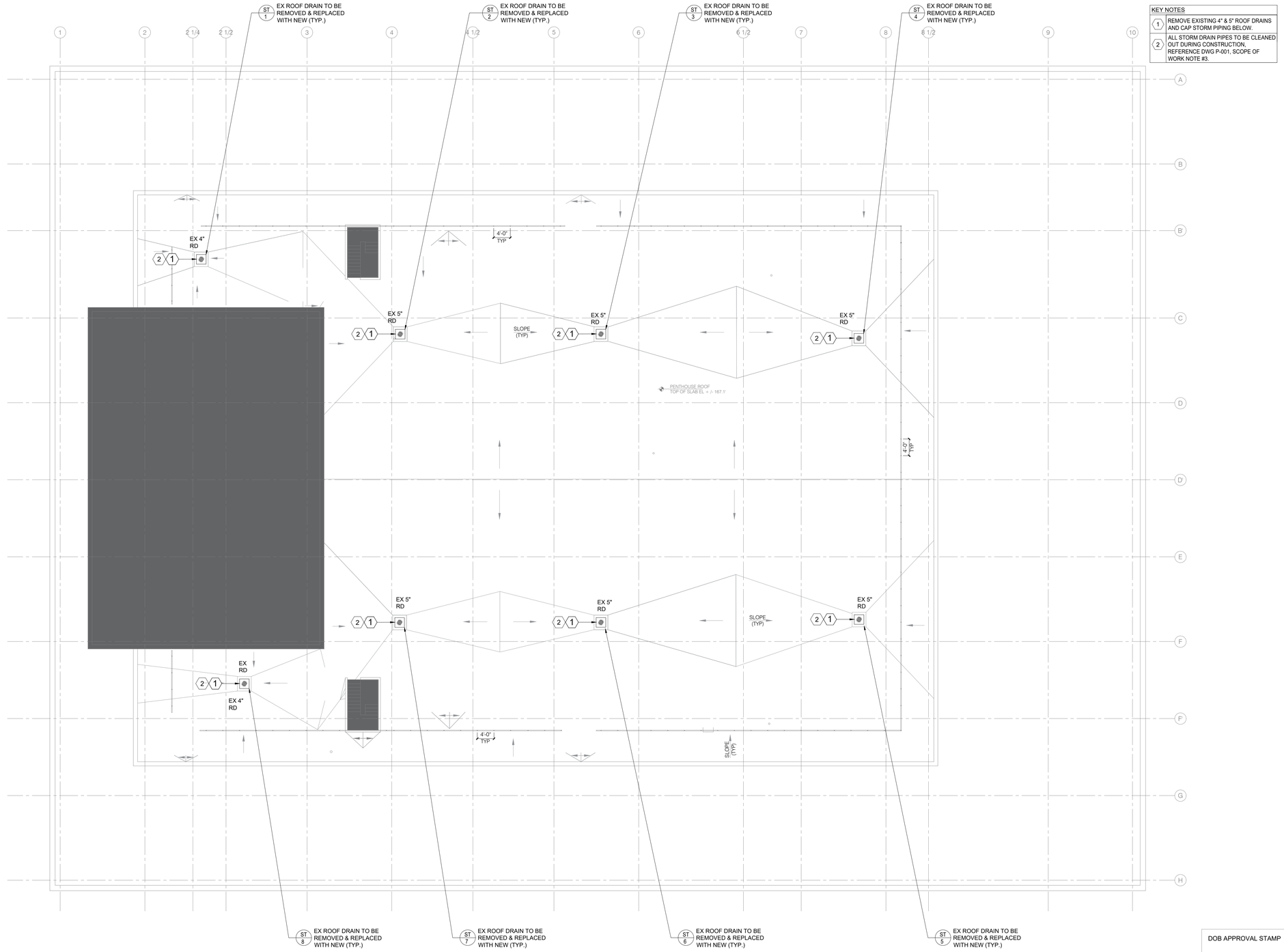
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PLUMBING MAIN ROOF DEMOLITION PLAN

SEAL & SIGNATURE

STATE OF NEW YORK · ANDISTERE JEAN · 085551 · LICENSED PROFESSIONAL ENGINEER

DATE:	10/24/25
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DRAWN BY:	J.C.
CHECKED BY:	A.J
DRAWING NUMBER:	PD-101.00
CADO FILE No:	02 OF 09



KEY NOTES

1	REMOVE EXISTING 4" & 5" ROOF DRAINS AND CAP STORM PIPING BELOW.
2	ALL STORM DRAIN PIPES TO BE CLEANED OUT DURING CONSTRUCTION. REFERENCE DWG P-001, SCOPE OF WORK NOTE #3.

01 PENTHOUSE DEMOLITION ROOF PLAN
SCALE: 3/32" = 1'-0"

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
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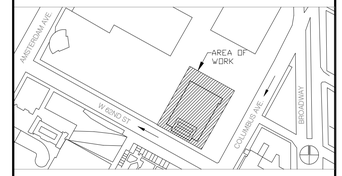
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HVAC ENGINEER:
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OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
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FOR THE:
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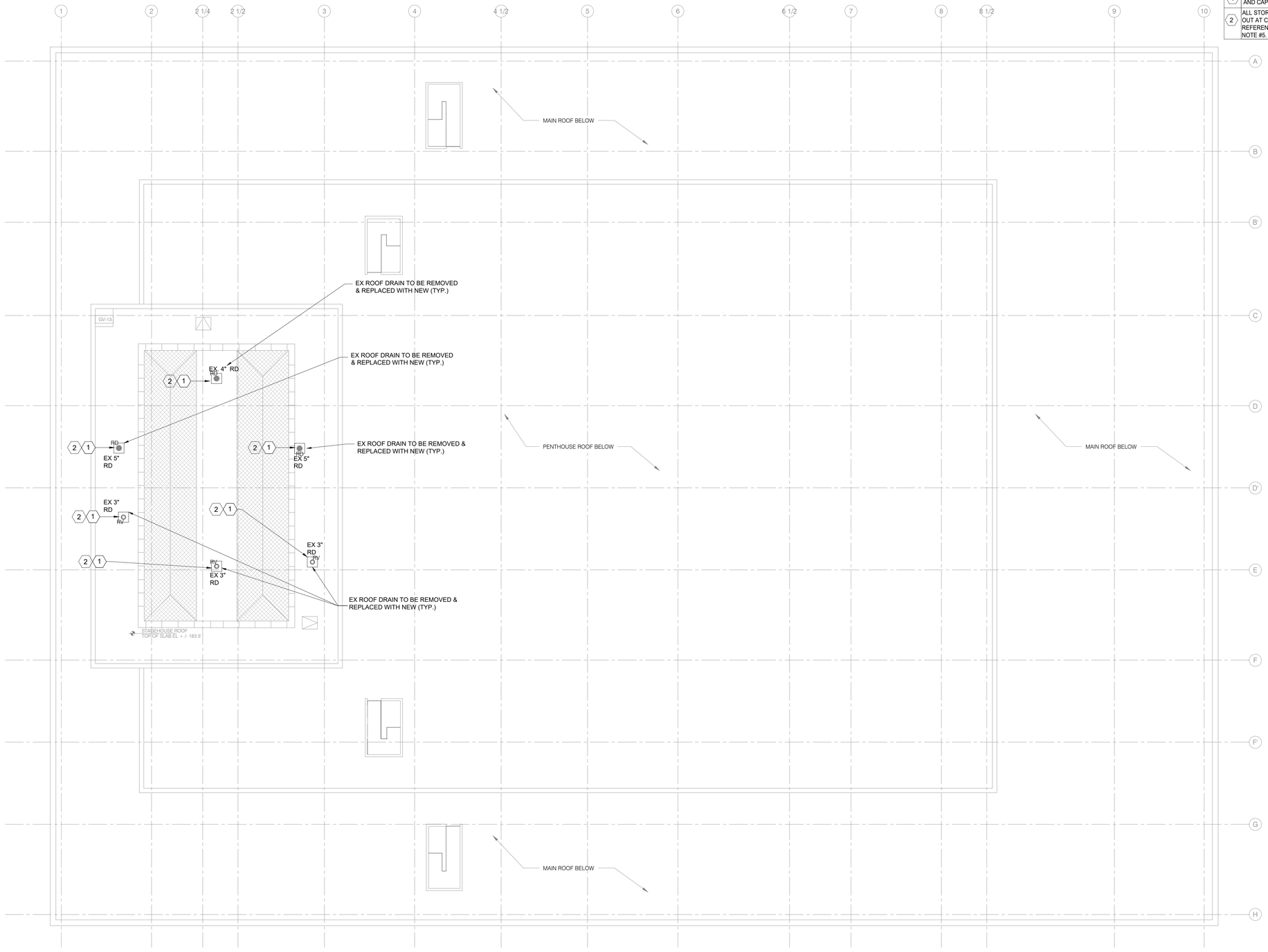
DOB NOW Application: M01206784-I1

DRAWING TITLE:
PLUMBING PENTHOUSE ROOF DEMOLITION PLAN

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DATE:	10/24/25
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CADO FILE No:	03 OF 09



01 STAGE HOUSE DEMOLITION ROOF PLAN
SCALE: 3/32"=1'-0"

KEY NOTES	
1	REMOVE EXISTING 4" & 5" ROOF DRAINS AND CAP STORM PIPING BELOW.
2	ALL STORM DRAIN PIPES TO BE CLEANED OUT AT COMPLETION OF CONSTRUCTION, REFERENCE DWG P-001, SCOPE OF WORK NOTE #5.

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
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NEW YORK, NY 10023

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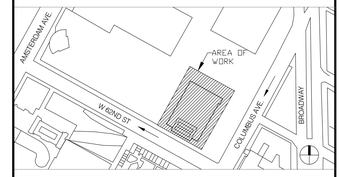
ARCHITECT:
NANDINEE PHOOKAN ARCHITECTS
45 MAIN STREET SUITE #620
BROOKLYN NY 11201

STRUCTURAL ENGINEER:
DRPILLA
143 MAIN STREET
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ELECTRICAL/ PLUMBING ENGINEER:
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NEW YORK, NY 10018

HVAC ENGINEER:
AXON ENGINEERING
OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
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Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF
PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
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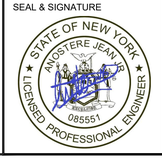
FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DOB NOW Application: M01206784-I1

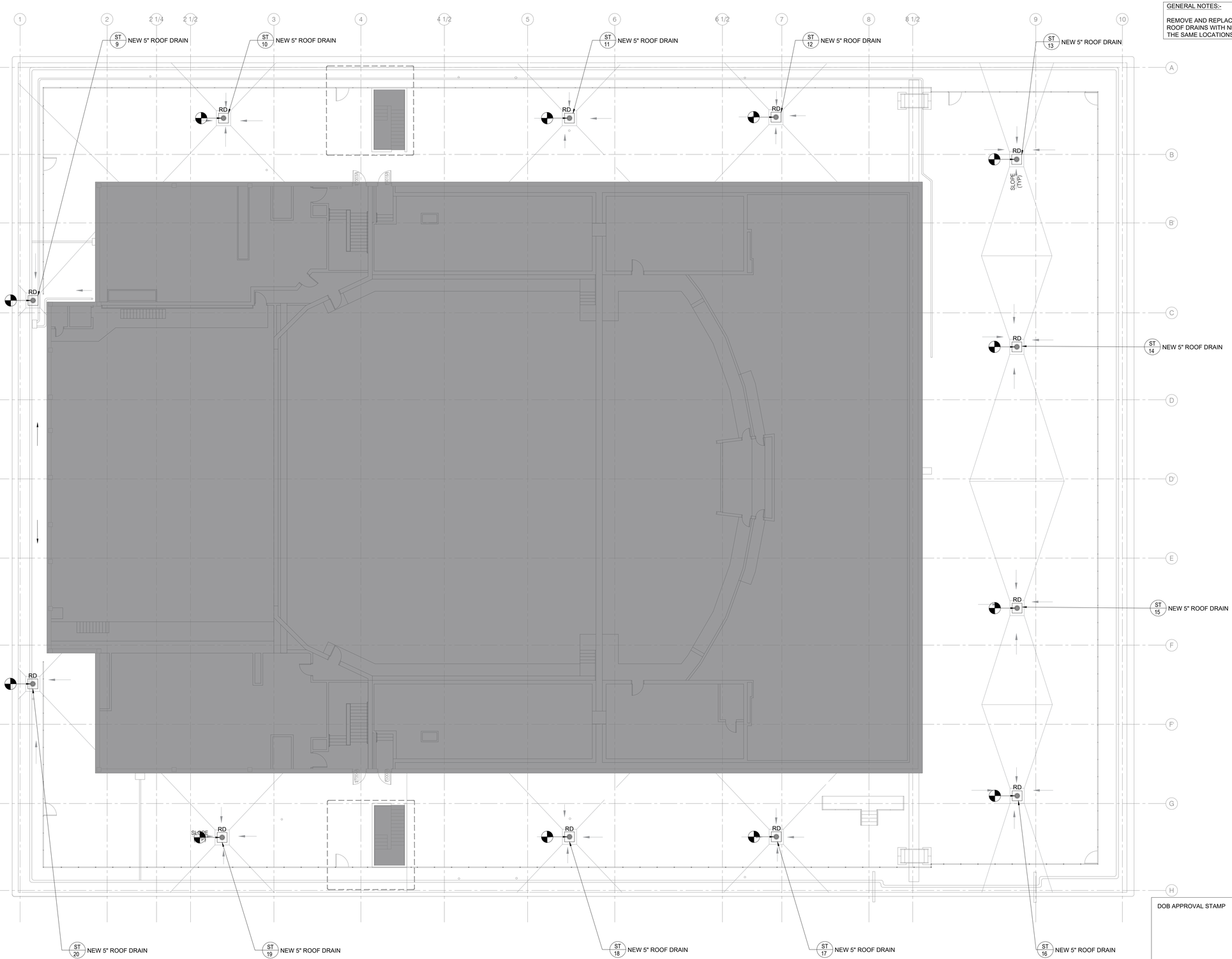
DRAWING TITLE:

PLUMBING STAGE HOUSE ROOF DEMOLITION PLAN

SEAL & SIGNATURE



DATE:	10/24/25
PROJECT NO:	24010
DRAWN BY:	J.C.
CHECKED BY:	A.J
DRAWING NUMBER:	PD-103.00
CADO FILE No:	04 OF 09



01 MAIN ROOF PROPOSED PLAN
SCALE: 3/32" = 1'-0"

GENERAL NOTES:-

REMOVE AND REPLACE EXISTING ROOF DRAINS WITH NEW DRAINS AT THE SAME LOCATIONS.

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
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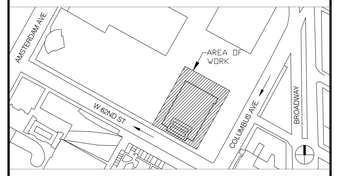
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HVAC ENGINEER:
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OUTWATER LN SUITE 3A
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KEY PLAN:



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DIVISION OF PUBLIC BUILDINGS

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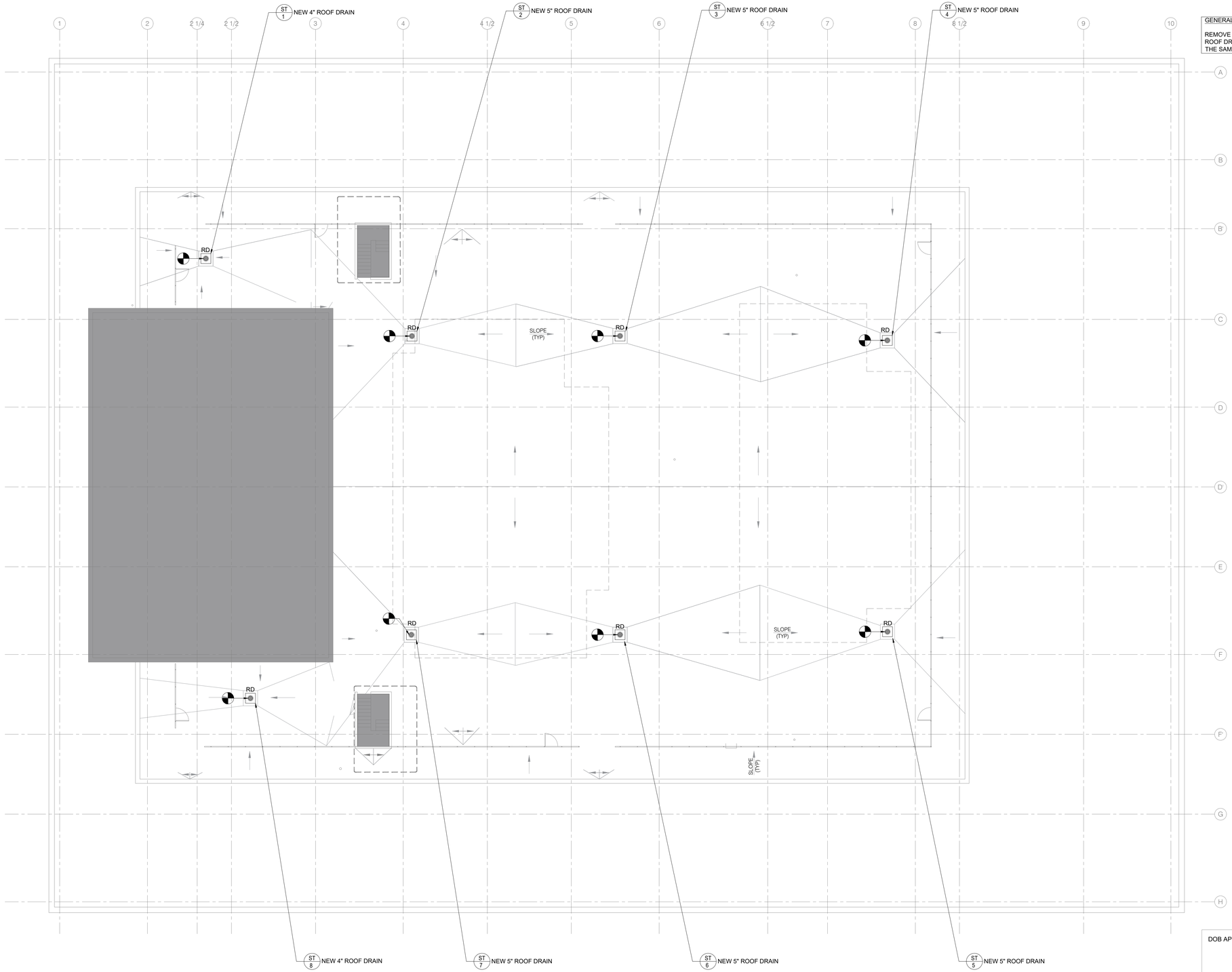
DOB NOW Application: M01206784-I1

DRAWING TITLE:
PLUMBING
PROPOSED MAIN ROOF PLAN

SEAL & SIGNATURE

STATE OF NEW YORK
ANDSTERE JEAN
085551
LICENSED PROFESSIONAL ENGINEER

DATE: 10/24/25
PROJECT NO: 24010
DRAWN BY: J.C.
CHECKED BY: A.J
DRAWING NUMBER:
P-101.00
CADD FILE No:



GENERAL NOTES:-

REMOVE AND REPLACE EXISTING ROOF DRAINS WITH NEW DRAINS AT THE SAME LOCATIONS.

01 PENTHOUSE PROPOSED ROOF PLAN
SCALE: 3/32"=1'-0"

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
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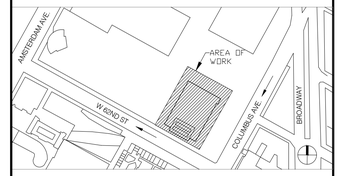
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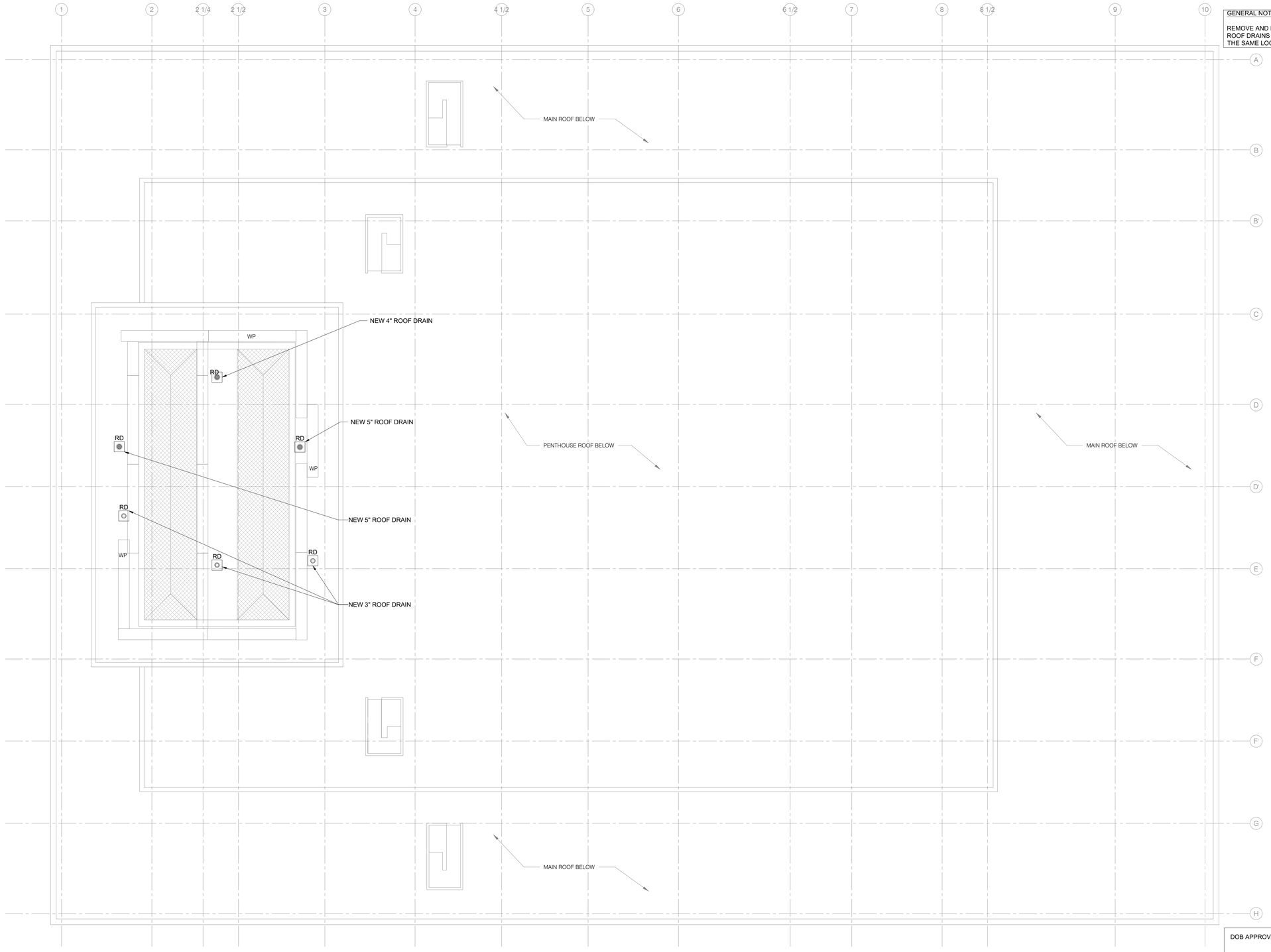
DRAWING TITLE:
PLUMBING PROPOSED PENTHOUSE ROOF PLAN

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P-102.00

CADO FILE No:



GENERAL NOTES:-

REMOVE AND REPLACE EXISTING ROOF DRAINS WITH NEW DRAINS AT THE SAME LOCATIONS.

01 STAGE HOUSE PROPOSED ROOF PLAN
SCALE: 3/32"=1'-0"

DOB APPROVAL STAMP

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NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
ONE CENTRE STREET, 17TH FLOOR SOUTH
NEW YORK, NY 10007

MANAGING AGENCY :
NYC DEPARTMENT OF DESIGN & CONSTRUCTION (DDC)
30-30 THOMSON AVENUE
LONG ISLAND CITY, NY 11101

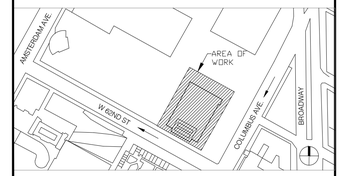
ARCHITECT:
NANDINEE PHOOKAN ARCHITECTS
45 MAIN STREET SUITE #620
BROOKLYN NY 11201

STRUCTURAL ENGINEER:
DRPILLA
143 MAIN STREET
NYACK, NY, 10960

ELECTRICAL/ PLUMBING ENGINEER:
DOSE ENGINEERS
15 W 38TH STREET, 4TH FLOOR
NEW YORK, NY 10018

HVAC ENGINEER:
AXON ENGINEERING
OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

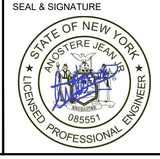
CAPITAL PROJECT NUMBER:
PV475ROOF
PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

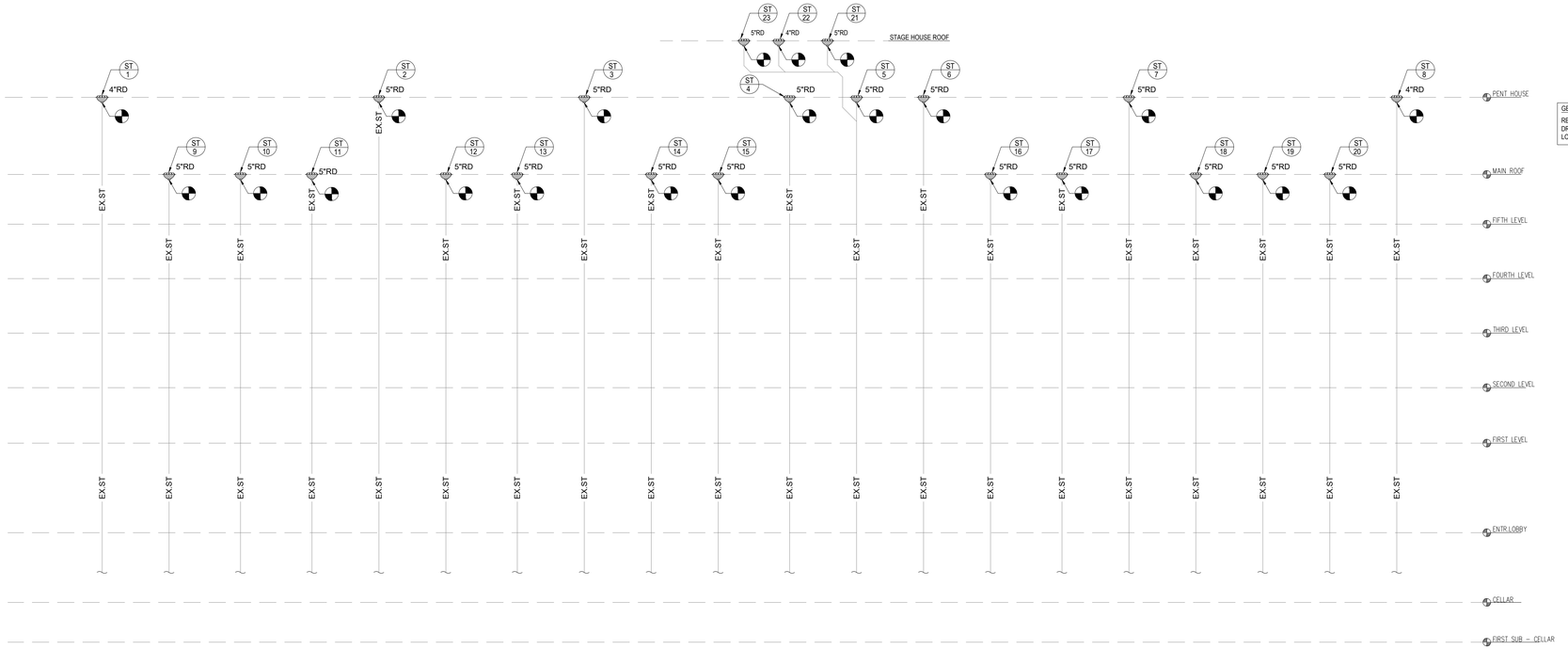
DOB NOW Application: M01206784-I1

DRAWING TITLE:
PLUMBING
PROPOSED STAGE
HOUSE ROOF PLAN

SEAL & SIGNATURE



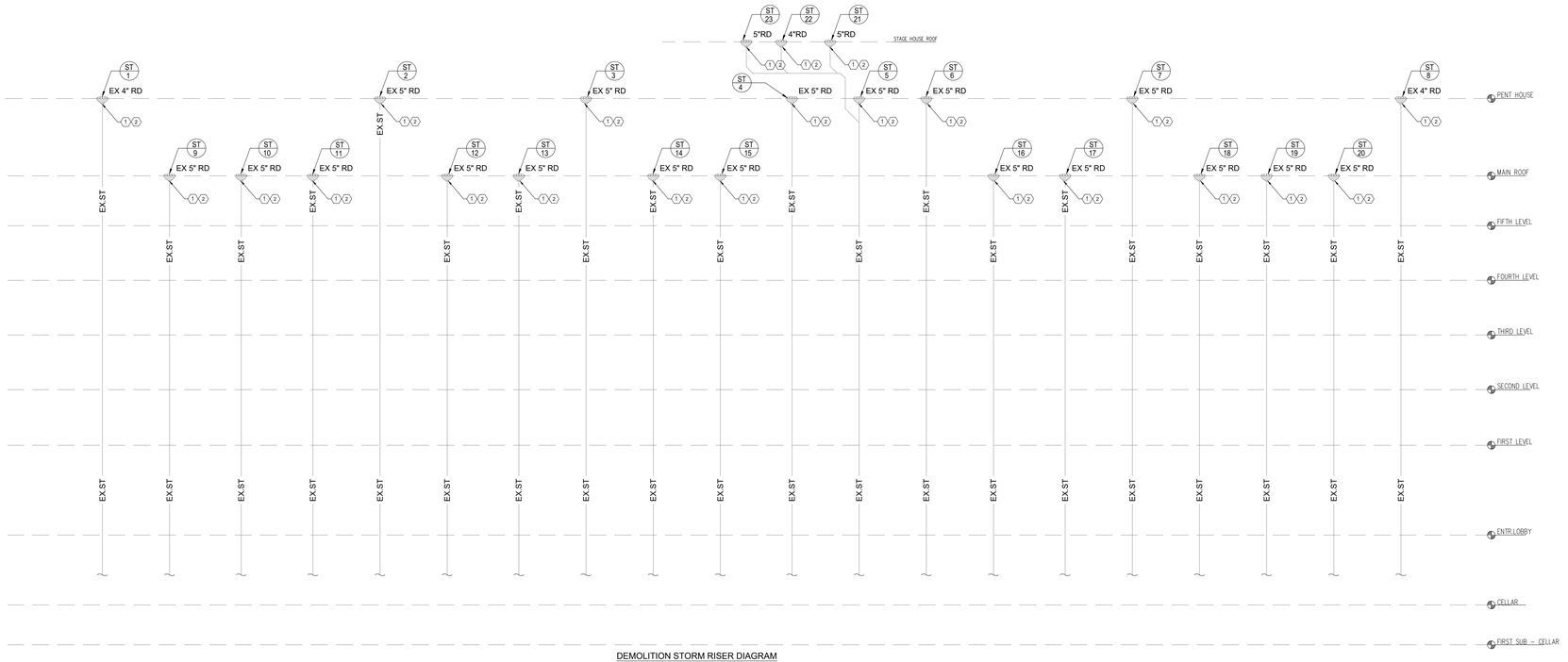
DATE:	10/24/25
PROJECT NO:	24010
DRAWN BY:	J.C.
CHECKED BY:	A.J
DRAWING NUMBER:	P-103.00
CADO FILE No:	



NEW STORM RISER DIAGRAM
N.T.S.

GENERAL NOTES:-

REMOVE AND REPLACE EXISTING ROOF DRAINS WITH NEW DRAINS AT THE SAME LOCATIONS.



DEMOLITION STORM RISER DIAGRAM
N.T.S.

KEY NOTES

1	REMOVE EXISTING 4" & 5" ROOF DRAINS & CAP STORM PIPING BELOW.
2	ALL STORM DRAIN PIPES TO BE CLEANED OUT DURING CONSTRUCTION, REFERENCE DWG P-001, SCOPE OF WORK NOTE #3.

DOB APPROVAL STAMP

NEW YORK CITY BALLET

ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:

NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :

NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
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NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
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MANAGING AGENCY :

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STRUCTURAL ENGINEER:

DRPILLA
143 MAIN STREET
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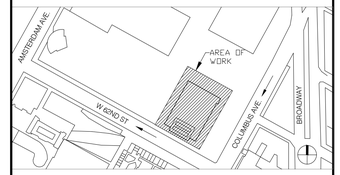
ELECTRICAL/ PLUMBING ENGINEER:

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NUMBER	DESCRIPTION	DATE
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Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

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PV475ROOF

PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DOB NOW Application: M01206784-I1

DRAWING TITLE:
PLUMBING
RISER DIAGRAM

SEAL & SIGNATURE

STATE OF NEW YORK
ANDSTERE JEAN
085551
LICENSED PROFESSIONAL ENGINEER

DATE:	10/24/25
PROJECT NO:	24010
DRAWN BY:	J.C.
CHECKED BY:	A.J
DRAWING NUMBER:	P-201.00
CADO FILE No:	

SCOPE OF WORK & PROJECT SPECIFICATIONS – ROOF DRAIN INSTALLATION

1. GENERAL REQUIREMENTS

THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT, AND SERVICES NECESSARY TO COMPLETE THE ROOF DRAIN INSTALLATION AS SPECIFIED HEREIN AND THE WRITTEN SPECIFICATIONS ASSOCIATED WITH PROJECT. ALL WORK SHALL COMPLY WITH APPLICABLE BUILDING CODES, INDUSTRY STANDARDS, AND PROJECT-SPECIFIC REQUIREMENTS.

2. MATERIALS

- **ROOF DRAINS**: CAST IRON BODY WITH DOME STRAINER, COMPATIBLE WITH FLUID-APPLIED POLYURETHANE ROOF MEMBRANE ROOFING SYSTEMS.
- **EXISTING PIPING**: CAST IRON, AS DETERMINED BY EXISTING CONDITIONS.
- **COUPLINGS**: COMPRESSION GASKET, CAULKED JOINT, OR HUBLESS COUPLING AS APPROPRIATE.
- **SEALANTS AND ADHESIVES**: COMPATIBLE WITH FLUID-APPLIED POLYURETHANE ROOF MEMBRANE.

3. EXECUTION

INSTALLATION SHALL FOLLOW THE PROCEDURES OUTLINED IN THE CONTRACTOR SCOPE OF WORK. THE CONTRACTOR SHALL COORDINATE WITH OTHER TRADES TO ENSURE PROPER SEQUENCING AND INTEGRATION OF WORK. ALL PENETRATIONS SHALL BE SEALED AND WATERPROOFED PER MANUFACTURER INSTRUCTIONS.

4. CONTRACTOR SCOPE OF WORK - ROOF DRAIN INSTALLATION

THIS SCOPE OF WORK OUTLINES THE REQUIRED PROCEDURES FOR INSTALLING ROOF DRAINS AS PART OF THE ROOFING PROJECT FOR A NEW FLAT ROOF MEMBRANE OVER AN EXISTING CONCRETE DECK. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING FULL COMPLIANCE WITH APPLICABLE BUILDING CODES AND INDUSTRY-STANDARD WATERPROOFING PRACTICES.

PREPARATION:

- VERIFY ROOF DRAIN LOCATIONS AS INDICATED ON THE APPROVED CONSTRUCTION DRAWINGS.
- ENSURE THE NEW FLUID-APPLIED POLYURETHANE ROOF MEMBRANE IS INSTALLED WITH PROPER SLOPE DIRECTING WATER TOWARD THE DESIGNATED DRAIN LOCATIONS.
- INSPECT THE CONCRETE DECK IN THE VICINITY OF EACH ROOF DRAIN FOR CRACKS, SPALLING, OR DEBRIS. PLUMBING CONTRACTOR TO REFER ANY NECESSARY REPAIRS TO THE ROOFING CONTRACTOR TO RESTORE THE INTEGRITY OF THE DECK.
- REMOVE EXISTING INSULATION (UP TO 5 L.F.) FROM DRAIN PIPING BELOW THE CONCRETE ROOF DECK TO EXPOSE THE PIPING FOR INSPECTION. DETERMINE THE TYPE OF PIPING, PIPING CONDITION, AND TYPE OF EXISTING PIPING CONNECTION. REFERENCE THE ASBESTOS REPORT FOR EXISTING CONDITIONS BEFORE DISTURBING ANY INSULATION.
- IDENTIFY THE TYPE OF EXISTING PIPING AND CONNECTION METHOD TO ENSURE COMPATIBILITY WITH THE NEW ROOF DRAIN INSTALLATION. BASED ON THE EXISTING CONDITIONS, USE ONE OF THE FOLLOWING INDUSTRY-STANDARD METHODS FOR JOINING CAST IRON DRAIN TO DRAINAGE PIPE:

a. **HUB AND SPIGOT CAST IRON PIPE**: JOIN USING EITHER A COMPRESSION GASKET OR A CAULKED JOINT. (SEE P-601/#3)

b. **HUBLESS CAST IRON OR STEEL PIPE**: JOIN USING A HUBLESS COUPLING. (SEE P-601/#3)

QUALITY ASSURANCE

- ALL WORK SHALL BE PERFORMED BY QUALIFIED PERSONNEL EXPERIENCED IN ROOF DRAIN INSTALLATION.
- INSPECTIONS SHALL BE CONDUCTED AT EACH PHASE OF INSTALLATION.
- WATER TESTING SHALL BE PERFORMED TO VERIFY DRAINAGE AND WATERPROOFING INTEGRITY.
- DOCUMENTATION INCLUDING PHOTOS AND INSPECTION REPORTS SHALL BE SUBMITTED UPON COMPLETION.

DETAILED INSTALLATION PROCEDURES

a. **REMOVE THE OLD ROOF DRAINS**

- REMOVE THE OLD DRAIN ASSEMBLY AND ANY ASSOCIATED FLASHING.
- REMOVE EXISTING DRAIN PIPING INSULATION, AS NECESSARY TO FACILITATE INSPECTION AND EXPOSE PIPING FOR NEW ROOF DRAIN INSTALLATION. REMOVE UP TO 5 LINEAR FEET OF DRAIN PIPE INSULATION FOR INSPECTION, DAMAGE, OR WET CONDITIONS.
- INSPECT PIPING FOR CORROSION, SCALING AND BLOCKAGES. REMOVE BLOCKAGES USING APPROPRIATE METHODS (DRAIN SNAKING, HYDRO-JETTING). AS NECESSARY, IF UNFORESEEN FIELD CONDITIONS ARE ENCOUNTERED, CONTRACTOR SHALL NOTIFY THE COMMISSIONERS REPRESENTATIVE FOR REPAIR AND/OR REPLACEMENT OF UP TO 5 LINEAR FEET OF COMPROMISED PIPING TO ENSURE PROPER FUNCTION OF DRAINAGE SYSTEM & FACILITATE PROPER CONNECTION BETWEEN PIPING AND NEW ROOF DRAINS
- CONFIRM OPENING PROPERLY SIZED FOR NEW DRAIN BODY, ADJUST AS NECESSARY.

b. **NEW DRAIN INSTALLATION**

- INSTALL SUMP RECEIVER IF REQUIRED OR SPECIFIED.
- INSTALL AND SECURE THE ROOF DRAIN BODY INTO THE SUBSURFACE ROOF STRUCTURE AS REQUIRED TO PREVENT ANY VERTICAL OR HORIZONTAL MOVEMENT.
- ENSURE THE FLANGE OF THE DRAIN BODY IS INSTALLED NO HIGHER THAN THE ROOF MEMBRANE AND NO LOWER THAN APPROVED BY ROOFING PRODUCT SPECIFICATIONS. IF NECESSARY, INSTALL STATIC OR ADJUSTABLE EXTENSION TO PROPERLY MATCH DIMENSIONS OF NEW ROOF ASSEMBLY HEIGHTS.
- INSTALL THE NEW DRAIN BODY, ENSURING THE FLANGE SITS ON THE PREPARED INSULATION.
- INSTALL THE FLASHING OR CLAMPING RING AROUND THE DRAIN TO CREATE A WATERTIGHT SEAL WITH THE ROOFING MEMBRANE.
- APPLY SEALANT IN THE CLAMPING RING AREA ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
- CONNECT DRAIN BODY TO STORM LEADER PIPE, USING COMPRESSION GASKET, CAULKED JOINT OR HUBLESS COUPLING AND MANUFACTURERS SPECIFICATIONS.
- SECURE DRAIN BODY TO CONCRETE DECK WITH DECK CLAMP & APPROVED FASTENERS.

c. **INSULATION, WATERPROOFING AND FLASHING**

- PROVIDE NEW INSULATION OR REPLACE ANY INSULATION REMOVED DURING CONSTRUCTION WITH MATERIALS MATCHING THE EXISTING TYPE, 1" THICKNESS, AND PERFORMANCE CHARACTERISTICS. ENSURE FULL COVERAGE AND CONTINUITY OF INSULATION TO MAINTAIN THERMAL INTEGRITY AND PREVENT CONDENSATION. SEE P-601, DETAIL #7 FOR ADDITIONAL INFORMATION ON REQ. THICKNESS.
- APPLY PRIMER AND VAPOR BARRIER IF REQUIRED.
- INSTALL FLASHING FLANGE INTEGRATED WITH ROOFING MEMBRANE.
- SEAL ALL PENETRATIONS WITH SEALANTS COMPATIBLE TO MEMBRANE MATERIAL.
- ENSURE WATERTIGHT CONNECTION BETWEEN MEMBRANE AND DRAIN.

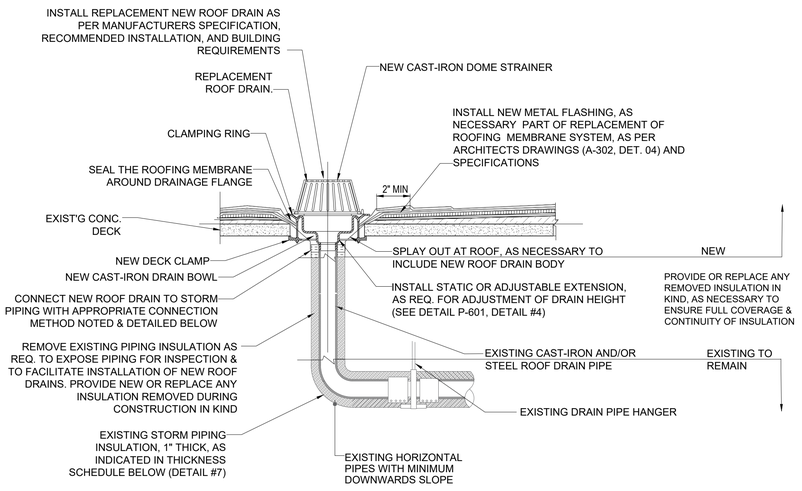
d. **FINAL COMPONENTS**

- INSTALL DRAIN DOME STRAINER SECURELY, ENSURE DOME SITS FLUSH WITH ROOF SURFACE.
- VERIFY NO OBSTRUCTIONS IN DRAIN OPENING.

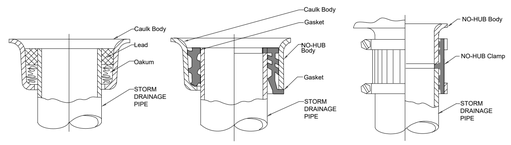
e. **INSPECTION AND TESTING**

- CONDUCT WATER TEST TO VERIFY DRAINAGE AND SEAL INTEGRITY.
- INSPECT ALL CONNECTIONS AND MEMBRANE SEAMS.
- CONFIRM PROPER SLOPE AND ABSENCE OF PONDING.
- DOCUMENT INSTALLATION WITH PHOTOS AND INSPECTION REPORT.

1 P-601 SCALE: N.T.S — SCOPE OF WORK & PROJECT SPECIFICATIONS – ROOF DRAIN INSTALLATION



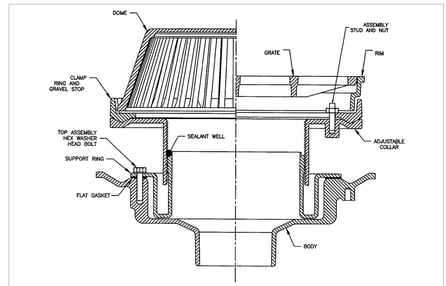
2 P-601 SCALE: N.T.S — TYPICAL DETAILS OF ROOF DRAIN AND PIPING



INSIDE CAULK OUTLET — GASKET OUTLET — NO-HUB CONNECTION

3 P-601 SCALE: N.T.S — INDUSTRY-STANDARD METHODS FOR JOINING CAST IRON ROOF DRAIN TO DRAINAGE PIPE

NTS



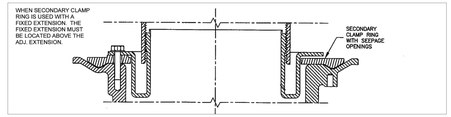
INSTALLATION INSTRUCTIONS

1.) PLACE FLAT GASKET WITH HOLES ALIGNED ON DRAIN BODY
2.) SECURE SUPPORT RING ON TOP OF GASKET WITH 3/8" WASHER HEAD BOLTS.
3.) ATTACH NEW CLAMP RING TO ADJUSTABLE COLLAR WITH 3/8" STUDS, SECURE CLAMP RING DOWN WITH 3/8" NUTS AND WASHERS

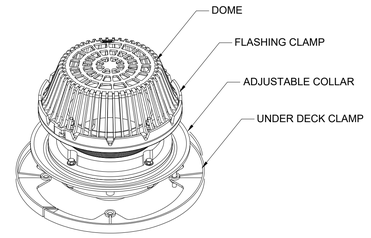
SEALING INSTRUCTIONS

1.) SURFACES MUST BE CLEAN AND DRY
2.) COMPLETELY FILL THE SEALANT WELL BETWEEN ADJUSTABLE EXTENSION AND THE SUPPORT RING TO FORM WATERPROOF SEAL.
3.) SEALANT SKINS IN 5 MINUTES, CURES TO TOUCH IN 1 HOUR CURES & BONDS IN 24 HOURS

FAILURE TO FOLLOW INSTRUCTIONS MAY RESULT IN LEAKAGE



4 P-601 SCALE: N.T.S — TYPICAL ROOF DRAIN STANDARD ADJUSTABLE EXTENSION



5 P-601 SCALE: N.T.S — TYPICAL ISOMETRIC DETAIL OF ROOF DRAIN PARTS

NTS

PLUMBING DRAIN SCHEDULE

| BODY | | |

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AIC	AMPERE INTERRUPTING CAPACITY
AV	AUDIO/VIDEO
AWG	AMERICAN WIRE GAUGE
BMS	BUILDING MANAGEMENT SYSTEM
BOTT	BOTTOM
BCM	BRANCH CIRCUIT MONITORING
BPS	BOLTED PRESURE SWITCH
BSA	BUILDING STANDARDS APPROVAL
CB	CIRCUIT BREAKER
C	CONDUIT
COMM	COMMUNICATION
CONC	CONCRETE
DD	DUCT MOUNTED SMOKE DETECTOR
DED	DEDICATED
DISC	DISCONNECT SWITCH
DIST	DISTRIBUTION
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EOL	END OF LINE
EPO	EMERGENCY POWER OFF
E ,(E)	EXISTING TO REMAIN
ER	EXISTING TO BE RELOCATED
EX	EXISTING TO BE REMOVED
FACP	FIRE ALARM CONTROL PANEL
FCO	FUSE CUT–OUT
FBO	FURNISHED BY OWNER
FDR	FEEDER
FIN	FINISHED
FMC	FLEXIBLE METALLIC CONDUIT
FUT	FUTURE
GEC	GROUNDING ELECTRODE CONDUCTOR
G, GND	GROUND
IG	ISOLATED GROUND
ISO	ISOLATED
JB	JUNCTION BOX
kVA	KILOVOLT–AMPERES
kW	KILOWATTS
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MEA	MATERIAL EQUIPMENT ACCEPTANCE
MFU	MAIN FUSE
MIN	MINIMUM
MLO	MAIN LUGS ONLY
MTD.	MOUNTED
N.C.	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
N.O.	NORMALLY OPEN
N.T.S.	NOT TO SCALE
N/A	NOT APPLICABLE
N	NEW
PF	POWER FACTOR
PH	PHASE
QTY	QUANTITY
REL	RELOCATE
REV	REVISION
RECEPT	RECEPTACLE
RGS	RIGID GALVANIZED STEEL
SW	SWITCH
SD	CEILING MOUNTED SMOKE DETECTOR
TBD	TO BE DETERMINED
TYP	TYPICAL
UMP	UNIVERSAL MONITORING PANEL
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
VAC	VOLTS–AC
VDC	VOLTS–DC
VFD	VARIABLE FREQUENCY DRIVE
WP	WEATHERPROOF ENCLOSURE
XFMR	TRANSFORMER

GENERAL ELECTRICAL NOTES

1. ALL WORK SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS AND GOVERNING AGENCIES. THESE INCLUDE BUT ARE NOT NECESSARILY LIMITED TO THE FOLLOWING:
   A. NEW YORK CITY 2011 ELECTRICAL CODE
   B. 2022 BUILDING CODE OF THE CITY OF NEW YORK
   C. APPLICABLE REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
   D. 2010 ADA STANDARDS OF ACCESSIBLE DESIGN.
2. ALL EQUIPMENT AND MATERIALS SHALL BE LISTED BY UDERWRITERS LABORATORIES (UL) AND APPROVED BY THE LOCAL AUTHORITIES HAVING JURISDICTION.
3. REFERENCES: INSTALLATION SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING ORGANIZATIONS, AS REFERENCED HEREIN:
   A. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
   B. NATIONAL EQUIPMENT MANUFACTURERS ASSOCIATION (NEMA)
   C. NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA)
   D. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
   E. INTERNATIONAL ELECTRICAL TESTING ASSOCIATION (NETA)
4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVALS AND PERMITS FROM GOVERNING AUTHORITIES. THE CONTRACTOR SHALL PAY FEES AND PERFORM FILING AS REQUIRED.
5. THE CONTRACTOR AND ALL HIS SUBCONTRACTORS SHALL MAINTAIN A SAFE JOB SITE AND PERFORM ALL WORK IN ACCORDANCE WITH APPLICABLE SAFETY REGULATIONS OF GOVERNING AGENCIES.
6. NO ELECTRICAL WORK SHALL BE PERFORMED ON, AND NO CONNECTIONS SHALL BE MADE TO, ENERGIZED EQUIPMENT. BEFORE WORK PROCEEDS ON A PIECE OF EQUIPMENT, THE CONTRACTOR SHALL VERIFY THAT IT IS DE–ENERGIZED USING AN APPROPRIATE VOLTAGE MEASUREMENT DEVICE.
7. UNLESS OTHERWISE SPECIFIED THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL EQUIPMENT SHOWN ON THE DRAWINGS.
8. PROVIDE LABOR, MATERIALS, EQUIPMENT AND SERVICES FOR COMPLETE ELECTRICAL SYSTEMS AS SHOWN ON THESE DRAWINGS, AND AS REQUIRED BY ALL APPLICABLE CITY, STATE AND FEDERAL CODES, INCLUDING OSHA. INCLUDE ALL TEMPORARY LIGHT AND POWER DURING CONSTRUCTION.
9. CONTRACT DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL LOCATIONS AND ARRANGEMENTS OF EQUIPMENT AND SYSTEMS. THE CONTRACTOR SHALL DEVELOP COMPLETE PROPOSED LAYOUT DRAWINGS IN ACCORDANCE WITH THE CONTRACT DRAWINGS, INCLUDING SECTIONS AND DETAILS SHOWING EQUIPMENT LOCATIONS, ELEVATIONS, CLEARANCES, ETC. CONTRACTOR'S LAYOUT DRAWINGS SHALL BE SUBMITTED FOR ENGINEER'S APPROVAL.
10. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO CALL FOR AN INSTALLATION THAT IS COMPLETE IN EVERY ASPECT. IT IS NOT THE INTENT TO GIVE EVERY DETAIL ON THE DRAWINGS AND IN THE SPECIFICATIONS. IF AN ITEM OF WORK IS SHOWN ON THE DRAWINGS, IT SHALL BE CONSIDERED SUFFICIENT FOR INCLUSION IN THE CONTRACT. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIAL AND EQUIPMENT USUALLY FURNISHED OR NEEDED TO MAKE A COMPLETE INSTALLATION, WHETHER SPECIFICALLY MENTIONED OR NOT. THE DRAWINGS FOR ELECTRICAL WORK UTILIZE SYMBOLS AND SCHEMATIC DIAGRAMS WHICH HAVE NO DIMENSIONAL SIGNIFICANCE. THE WORK SHALL, THEREFORE, BE INSTALLED TO FULFILL THE DIAGRAMMATIC INTENT EXPRESSED ON THE ELECTRICAL DRAWINGS, BUT IN CONFORMITY WITH THE DIMENSIONS INDICATED ON THE FINAL WORKING DRAWINGS, FIELD LAYOUTS AND SHOP DRAWINGS OF ALL TRADES.
11. THE CONTRACTOR SHALL DETERMINE EXISTING CONDITIONS BEFORE PROCEEDING WITH WORK. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND CONSTRUCTION MANAGER IMMEDIATELY OF ANY CONFLICTS BETWEEN FIELD CONDITIONS AND THE CONTRACT DRAWINGS OR SPECIFICATIONS, PRIOR TO THE START OF WORK. ANY EXTRA WORK ASSOCIATED WITH SUCH CONFLICTS WHICH IS PERFORMED PRIOR TO NOTIFICATION SHALL BE AT THE EXPENSE OF THE CONTRACTOR.
12. ALL EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN A NEAT AND WORKMAN–LIKE MANNER.
13. ALL MATERIAL AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
14. ALL MATERIALS SHALL BE OF THE BEST QUALITY FOR THE PURPOSE INTENDED. TRADE NAMES AND CATALOG NUMBERS ARE INTENDED TO INDICATE THIS GRADE AND QUALITY. CONTRACTOR SHALL SUBMIT ITEMS FOR ENGINEER APPROVAL IN ACCORDANCE WITH THE RELEVANT SPECIFICATION SECTION. OBTAIN WRITTEN APPROVAL FOR ANY SUBSTITIONS AFTER SUBMISSION OF COMPLETE DATA ON ITEM SUBMITTED.
15. ALL WORK SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER AND ANY OTHER TRADES WORKING IN THE SAME AREA. PRIOR NOTICE SHALL BE PROVIDED FOR ALL WORK INVOLVING SHUTDOWNS OF EXISTING SERVICES OR IMPACTING ACCESS TO FACILITY AREAS OR EQUIPMENT. SUCH WORK SHALL ONLY BE PERFORMED WITH THE EXPLICIT APPROVAL OF FACILITY MANAGEMENT AND IN ACCORDANCE WITH THEIR SCHEDULE REQUIREMENTS, INCLUDING AFTER HOURS WORK IF NECESSARY.
16. THE CONTRACTOR SHALL SUBMIT AS–BUILT CAD DRAWINGS OF ALL INSTALLED WORK FOR REVIEW AND APPROVAL BY THE ENGINEER. THE CONTRACTOR SHALL SUBMIT THREE (3) COPIES OF THE AS–BUILT DRAWINGS FOR REVIEW. AFTER INCORPORATING ALL COMMENTS FROM THE ENGINEER AND RECEIVING FINAL APPROVAL, THE CONTRACTOR SHALL SUBMIT SIX (6) COPIES OF THE AS–BUILT DRAWINGS AND THE ASSOCIATED ELECTRONIC FILES IN AUTOCAD FORMAT.
17. ON ACCEPTANCE OF CONTRACT, CONTRACTOR AGREES TO GUARANTEE ALL HIS WORK AND EQUIPMENT FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF INITIAL OPERATION. MANUFACTURED EQUIPMENT SHALL CARRY FULL PERIOD OF MANUFACTURER'S GUARANTEE, AND SHALL NOT BE LESS THAN ONE (1) YEAR.
18. THE GENERAL CONTRACTOR SHALL DO ALL CUTTING NECESSARY FOR THE PROPER INSTALLATION OF ELECTRICAL WORK. THE CONTRACTOR SHALL REPAIR ANY DAMAGE DONE BY HIMSELF OR HIS WORKMEN, AND SHALL COORDINATE HIS WORK WITH THAT OF OTHER CRAFTS.
19. ALL PENETRATIONS OF BUILDING WALLS AND FLOORS SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER AND LANDLORD.
20. RESTORE TO ORIGINAL CONDITION ANY, APPARATUS OR EQUIPMENT DAMAGED PRIOR TO FINAL ACCEPTANCE, INCLUDING RESTORATION OF DAMAGED SHOP COATS OF PAINT.
21. RESTORE TO ORIGINAL CONDITION ANY FIXTURES, APPARATUS OR EQUIPMENT DAMAGED PRIOR TO FINAL ACCEPTANCE, INCLUDING RESTORATION OF DAMAGED SHOP COATS OF PAINT.
22. EQUIPMENT SHALL BE DELIVERED AND STORED AT SITE, PROPERLY PACKED AND CRATED, UNTIL FINALLY INSTALLED.
23. FOR EXACT LOCATIONS OF LIGHTING FIXTURES, RECEPTACLES, DATA, AND ALL OTHER ELECTRICAL DEVICES WHERE APPLICABLE, REFER TO THE ARCHITECTURAL DRAWINGS.
24. INSTALL NEW WORK AND CONNECT TO EXISTING WORK WITH MINIMUM INTERFERENCE TO EXISTING FACILITIES.
25. EXTEND EXISTING INSTALLATIONS USING MATERIALS AND METHODS COMPATIBLE WITH EXISTING ELECTRICAL INSTALLATIONS.
26. SUPPORTING SYSTEMS: SUPPORT OF NEW ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH BEST INDUSTRY PRACTICES. DO NOT FASTEN SUPPORTS TO PIPING, DUCTWORK, MECHANICAL EQUIPMENT, OR CONDUIT.
27. THE CONTRACTOR SHALL VISIT THE JOB SITE AND CAREFULLY EXAMINE ALL EXISTING AREAS, FACILITIES AND EQUIPMENT WITHIN THE SCOPE OF WORK. THE CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING CONDITIONS AND POTENTIAL DIFFICULTIES ASSOCIATED WITH THE PERFORMANCE OF WORK INCLUDED IN THE CONTRACT DOCUMENTS, PRIOR TO SUBMITTAL OF BID.
28. THE CONTRACTOR SHALL PROVIDE TEMPORARY LIGHT AND POWER REQUIRED FOR PERFORMANCE OF THE WORK, AS WELL AS TO MAINTAIN FACILITY OPERATIONS, IN ACCORDANCE WITH THE REQUIREMENTS OF FACILITY MANAGEMENT.
29. ALL EXISTING EQUIPMENT AND MATERIAL TO BE REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR. ANY EQUIPMENT DESIRED BY FACILITY MANAGEMENT SHALL BE DELIVERED AS DIRECTED.
30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INSTALLED OR STORED EQUIPMENT AND MATERIALS UNTIL FINAL ACCEPTANCE. ALL EQUIPMENT AND MATERIALS SHALL BE STORED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND PROTECTED FROM DIRT, MOISTURE, PHYSICAL DAMAGE, ETC.
31. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, DATA SHEETS AND ALL OTHER REQUIRED DOCUMENTATION, IN ACCORDANCE WITH THE SPECIFICATIONS. ANY MATERIAL OR EQUIPMENT PURCHASED OR INSTALLED PRIOR TO SUBMITTAL AND APPROVAL BY THE ENGINEER SHALL BE AT THE CONTRACTOR'S RISK.
32. EQUIPMENT SHALL BE INSTALLED, TESTED AND STARTED UP UNDER THE SUPERVISION OF REPRESENTATIVES OF THE MANUFACTURER, AS REQUIRED BY THE ASSOCIATED SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE SITE SUPPORT AS REQUIRED FOR ALL TESTING STARTUP AND COMMISSIONING ACTIVITIES.
33. THE CONTRACTOR SHALL PROVIDE LABOR, MATERIALS, INSTRUMENTS AND SUPPLIES AS REQUIRED FOR SPECIFIED TESTING AND SPECIAL INSPECTIONS, INCLUDING SITE ACCEPTANCE TESTING AND COMMISSIONING OF OWNER FURNISHED EQUIPMENT. THE CONTRACTOR SHALL CORRECT ALL DEFECTS IDENTIFIED DURING TESTING, AS APPROPRIATE AND PER DIRECTION OF THE ENGINEER. TESTING SHALL BE REPEATED AFTER CORRECTIVE MEASURES ARE TAKEN TO VERIFY ACCEPTABILITY.
34. NO PIPING, DUCTS OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN THE DEDICATED SPACE FOR ELECTRICAL EQUIPMENT.

DEMOLITION NOTES

1. THE CONTRACTOR SHALL THOROUGHLY INSPECT THE WORKSITE PRIOR TO THE BEGINNING OF DEMOLITION, TO CLEARLY DETERMINE THE EXTENT OF THE WORK AND TO ASSURE THAT ONLY INACTIVE SYSTEMS ARE REMOVED. BASED ON THIS INSPECTION, CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT TO ACCOMPLISH ANY DEMOLITION OR REMOVAL WORK.
2. DURING REMOVAL OF ITEMS SO INDICATED, CAUTION SHALL BE USED TO ELIMINATE DAMAGE TO EQUIPMENT HAVING SALVAGE VALUE. PROVIDE AND MAINTAIN TEMPORARY PARTITIONS OR DUST BARRIERS ADEQUATE TO KEEP DIRT, DUST, NOISE, AND OTHER PARTICLES FROM BEING TRANSFERRED TO ADJACENT AREAS.
3. ANY EQUIPMENT, SPECIFIED TO REMAIN, THAT IS DAMAGED IN THE COURSE OF THE DEMOLITION WORK SHALL BE REPAIRED AND RESTORED TO NORMAL OPERATION BY THE CONTRACTOR AT NO COST TO THE OWNER.
4. WHERE EQUIPMENT IS INDICATED TO BE REMOVED, CONTRACTOR SHALL DISCONNECT AND REMOVE EQUIPMENT AND ASSOCIATED WIRING, CONDUIT, HARDWARE, ETC., UNLESS OTHERWISE NOTED.
5. DEMOLITION MATERIALS, CONSTRUCTION DEBRIS, AND OTHER EQUIPMENT PERMANENTLY REMOVED, WHICH THE OWNER DOES NOT WANT TO RETAIN, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PREMISES AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL DELIVER ANY ITEMS RETAINED BY THE OWNER TO ANY LOCATION WITHIN THE BUILDING AS INDICATED BY THE OWNER.
6. AREAS IN WHICH DEMOLITION OR SALVAGE WORK IS BEING DONE SHALL BE CLEANED DAILY. ALL DIRT, DUST, DEBRIS, UNSALVAGEABLE AND UNREUSABLE ITEMS SHALL BE TOTALLY REMOVED FROM THE PROJECT SITE ON A DAILY BASIS. REFUSE SHALL NOT BE ALLOWED TO COLLECT FOR LONGER PERIODS. BLOCK OR OTHERWISE IMPAIR CIRCULATION IN CORRIDORS, STAIRS, OR OTHER TRAFFIC AREAS.
7. VERIFY THAT ABANDONED WIRING AND EQUIPMENT SERVE ONLY ABANDONED FACILITIES.
8. BEGINNING OF DEMOLITION MEANS INSTALLER ACCEPTS EXISTING CONDITIONS.
9. IF NECESSARY, PROVIDE TEMPORARY WIRING AND CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION.
10. REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY, OR FIRST JUNCTION BOX IF WIRING IS TO BE REUSED FOR NEW DEVICES.
13. COORDINATE ALL WORK, PARTICULARLY WORK INVOLVING SHUTDOWN OF EQUIPMENT, WITH FACILITY MANAGEMENT.

LEGEND - POWER

SYMBOL	ITEM
EX E N WP/GFI ER	DUPLEX RECEPTACLE OUTLET "EX" DENOTES EXISTING TO BE REMOVED "E" DENOTES EXISTING TO REMAIN "N" DENOTES NEW RECEPTACLE "GFCI" DENOTES GROUND FAULT INTERRUPTER "WP" DENOTES WATERPROOF "ER" DENOTES EXISTING TO BE RELOCATED
#AS / #AF — #P — J 3R	208V DISCONNECT SWITCH #P - INDICATES NUMBER OF POLES #AS - INDICATES SWITCH RATING #AF - INDICATES FUSE AMPERE RATING 3R - WEATHERPROOF TYPE NEMA 3R (NEMA 12 IF NONE INDICATED) MOUNT TO MAINTAIN 3' FRONT WORKING CLEARANCE
#AT / #AF — #P — 3R	208V CIRCUIT BREAKER #P - INDICATES NUMBER OF POLES #AT - INDICATES AMPS CIRCUIT BREAKER TRIP #AF - INDICATES FRAME AMPERE RATING 3R - WEATHERPROOF TYPE NEMA 3R (NEMA 12 IF NONE INDICATED) MOUNT TO MAINTAIN 3' FRONT WORKING CLEARANCE
●	CONDUIT ROOF PENETRATION (MAINTAIN AND PROTECT DURING ROOF WORK)
N	PHOTOVOLTIC SYSTEM INVERTER. (SEE ARCHITECTURAL DRAWINGS AND PHOTOVOLTAIC SPECIFICATIONS FOR ADDITIONAL INFORMATION) N=NEW EQUIPMENT
E	EXISTING TO REMAIN CLOSE CIRCUIT TV CAMERAS E=EXISTING.
E	EXISTING TO REMAIN PERIMETER LIGHTING FIXTURE
E	EXISTING TO REMAIN PERIMETER LIGHTING FIXTURE
	CONDUIT LINE TYPE LEGEND
≡≡≡	EXISTING CONDUITS THAT RUN ALONG ROOF PERIMETER
———	NEW ELECTRICAL CONDUIT
– – – – E	EXISTING ELECTRICAL CONDUIT

	DRAWING LIST
E-001.00	ELECTRICAL SYMBOLS NOTES AND ABBREVIATIONS
DE-101.00	ELECTRICAL MAIN ROOF DEMOLITION PLAN
DE-102.00	ELECTRICAL PENTHOUSE ROOF DEMOLITION PLAN
E-101.00	ELECTRICAL SUB-CELLAR MEZZANINE PLAN
E-102.00	ELECTRICAL MAIN ROOF PLAN
E-103.00	ELECTRICAL PENTHOUSE ROOF PLAN
E-400.00	ELECTRICAL RISER DIAGRAM
E-500.00	ELECTRICAL DETAILS

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
NEW YORK, NY 10007
NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
ONE CENTRE STREET, 17TH FLOOR SOUTH
NEW YORK, NY 10007

MANAGING AGENCY :
NYC DEPARTMENT OF DESIGN & CONSTRUCTION (DDC)
30-30 THOMSON AVENUE
LONG ISLAND CITY, NY 11101

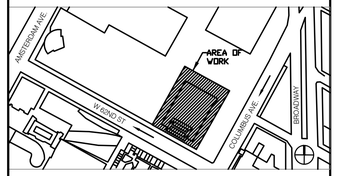
ARCHITECT:
NANDINEE PHOOKAN ARCHITECTS
45 MAIN STREET SUITE #620
BROOKLYN NY 11201

STRUCTURAL ENGINEER:
DRPILLA
143 MAIN STREET
NYACK, NY, 10960

ELECTRICAL/ PLUMBING ENGINEER:
DOSE ENGINEERS
15 W 38TH STREET, 4TH FLOOR
NEW YORK, NY 10018

HVAC ENGINEER:
AXON ENGINEERING
OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF
PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

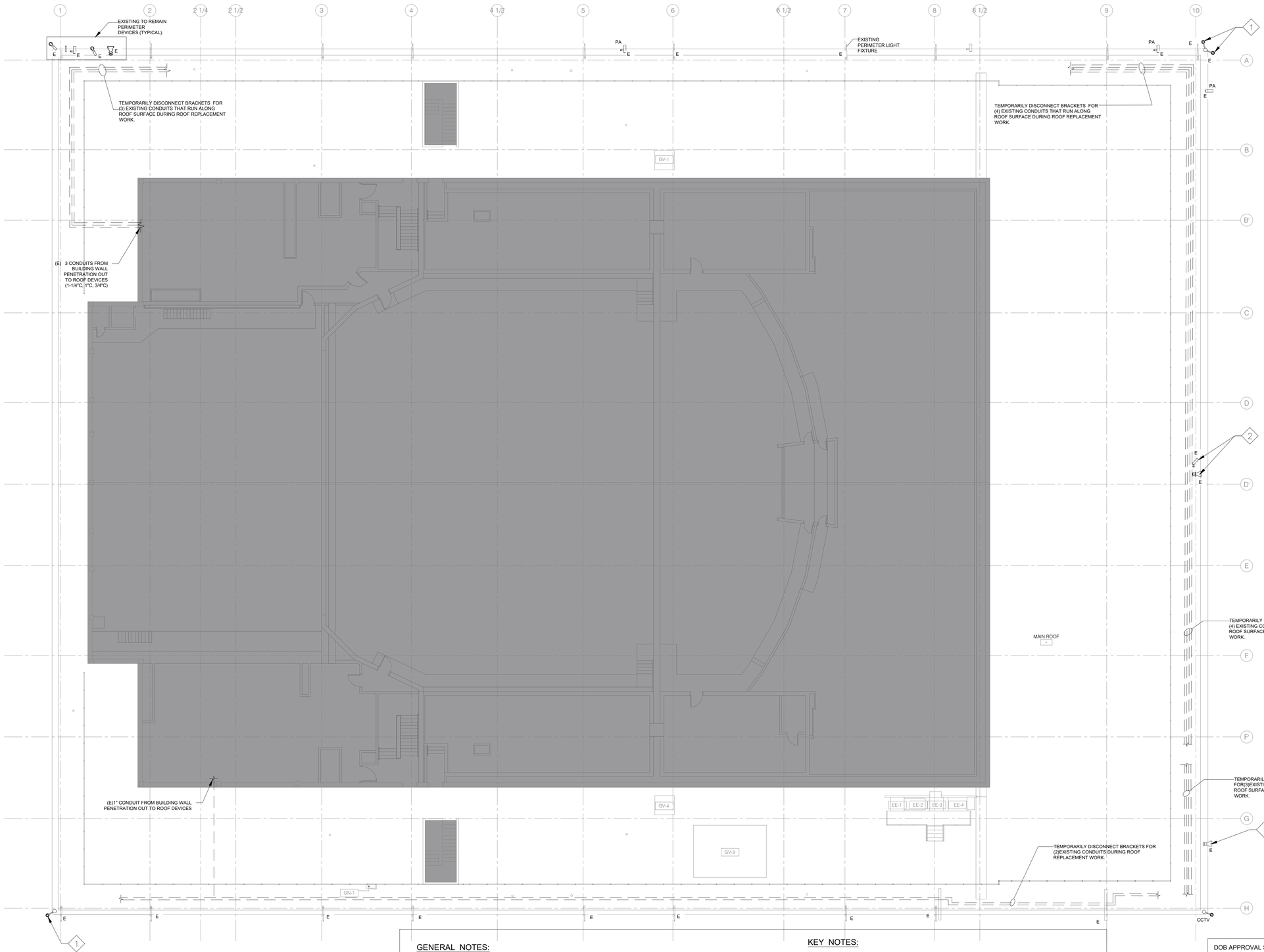
FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DOB NOW Application: M01206784-I1

DRAWING TITLE:
ELECTRICAL SYMBOLS NOTES AND ABBREVIATIONS

SEAL & SIGNATURE

DATE:	10/24/25
PROJECT NO:	24010
DRAWN BY:	E.R
CHECKED BY:	A.J
DRAWING NUMBER:	E-001.00
CADO FILE No:	01 OF 08



01 MAIN ROOF DEMOLITION PLAN
SCALE: 3/32"=1'-0"

GENERAL NOTES:

1. SEE DRAWING E-001 FOR ELECTRICAL NOTES, SYMBOLS, AND ABBREVIATIONS.
2. TEMPORARILY DISCONNECT AND REMOVE BRACKETS FOR CONDUITS ATTACHED TO THE ROOF FLOOR DURING DEMOLITION WORK AND STORE IN A SAFE LOCATION FOR RE-USE.
3. FOR ANY EQUIPMENT WHICH WIRING REQUIRE DISCONNECTING IN THE COURSE OF THE ROOF WORK, COORDINATE WITH FACILITY MANAGEMENT AND CIRCUIT TRACE THE WIRING TO THE SOURCE PANEL PRIOR TO ANY EQUIPMENT DISCONNECTION.

KEY NOTES:

1 EXISTING ROOF PERIMETER SECURITY DEVICES TO REMAIN. PROTECT DURING THE COURSE OF THE ROOF WORK (TYPICAL).

DOB APPROVAL STAMP

NEW YORK CITY BALLET
ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
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31 CHAMBERS STREET
NEW YORK, NY 10007
NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
ONE CENTRE STREET, 17TH FLOOR SOUTH
NEW YORK, NY 10007

MANAGING AGENCY :
NYC DEPARTMENT OF DESIGN & CONSTRUCTION (DDC)
30-30 THOMSON AVENUE
LONG ISLAND CITY, NY 11101

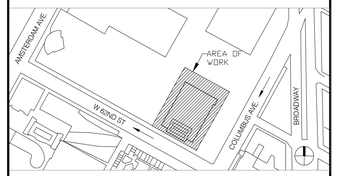
ARCHITECT:
NANDINEE PHOOKAN ARCHITECTS
45 MAIN STREET SUITE #620
BROOKLYN NY 11201

STRUCTURAL ENGINEER:
DRPILLA
143 MAIN STREET
NYACK, NY, 10960

ELECTRICAL/ PLUMBING ENGINEER:
DOSE ENGINEERS
15 W 38TH STREET, 4TH FLOOR
NEW YORK, NY 10018

HVAC ENGINEER:
AXON ENGINEERING
OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF
PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

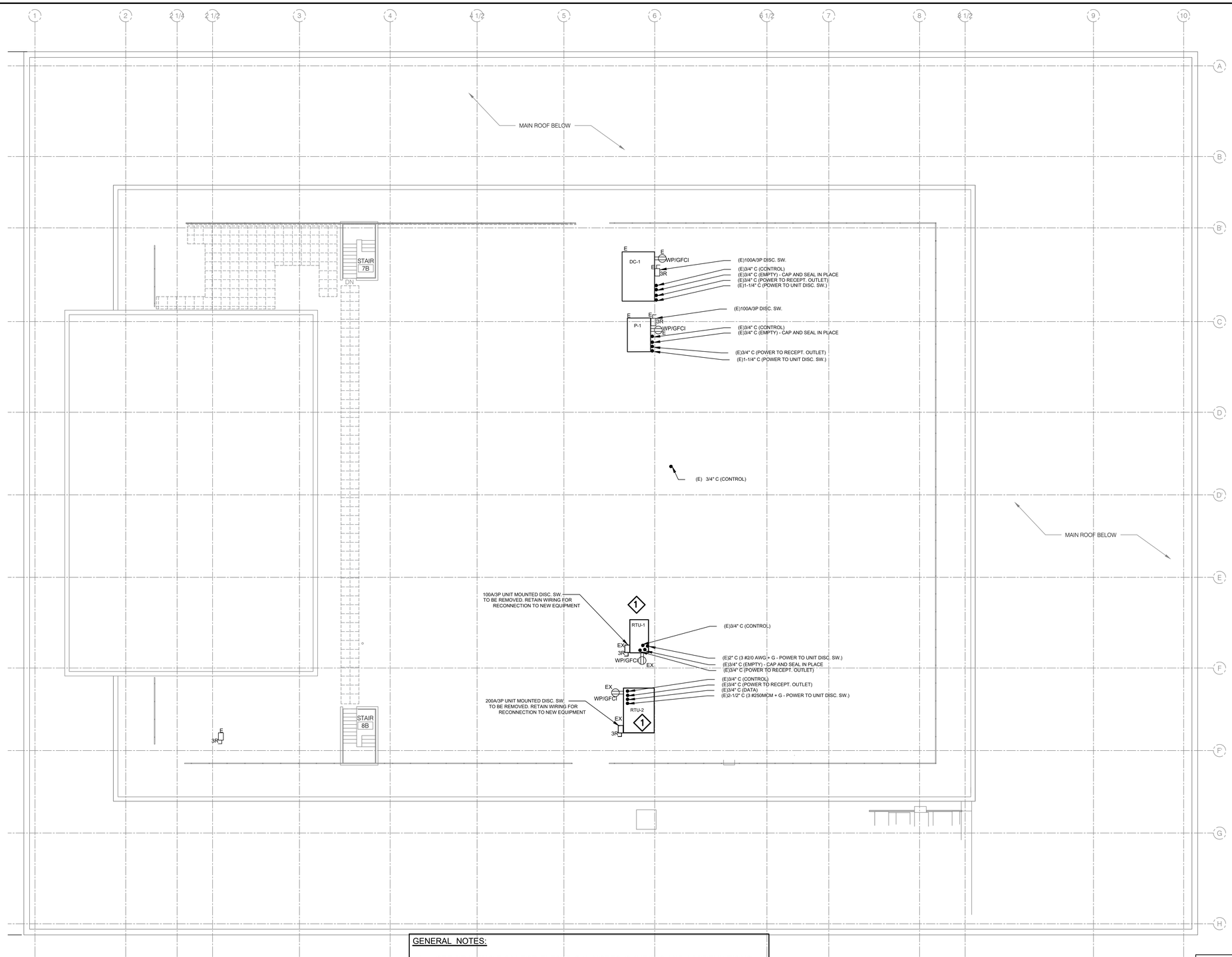
FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DOB NOW Application: M01206784-I1

DRAWING TITLE:
ELECTRICAL MAIN ROOF DEMOLITION PLAN

SEAL & SIGNATURE

DATE:	10/24/25
PROJECT NO:	24010
DRAWN BY:	E.R
CHECKED BY:	A.J
DRAWING NUMBER:	DE-101.00
CADO FILE No:	02 OF 08



01 PENTHOUSE DEMOLITION POWER PLAN
SCALE: 3/32"=1'-0"

GENERAL NOTES:

1. SEE DRAWING E-001 FOR ELECTRICAL NOTES, SYMBOLS AND ABBREVIATIONS.
2. TEMPORARILY DISCONNECT AND REMOVE BRACKETS FOR CONDUITS ATTACHED TO THE ROOF FLOOR DURING DEMOLITION WORK AND STORE IN A SAFE LOCATION FOR RE-USE.
3. FOR ANY EQUIPMENT WHICH WIRING REQUIRES DISCONNECTING IN THE COURSE OF THE ROOF WORK, COORDINATE WITH FACILITY MANAGEMENT AND CIRCUIT TRACE THE WIRING TO THE SOURCE PANEL TURN OVER CURRENT PROTECTION IN THE OFF POSITION AND PROVIDE A LOCK IN TYPE OF BREAKER PRIOR TO ANY EQUIPMENT DISCONNECTION LOCK IT ,AND TURN OFF OVER CURRENT PROTECTION DEVICE AT SOURCE PANEL. PROVIDE LOCKABLE TYPE CIRCUIT BREAKER/DISC AND LOCK OFF DURING ROOF REPLACEMENT WORK.

KEY NOTES:

1. DISCONNECT AND REMOVE DISCONNECT SWITCH AND RECEPTACLES ASSOCIATED WITH THE EQUIPMENT BEING REPLACED. RETAIN EXISTING WIRING FOR RECONNECTION TO THE NEW DEVICES. RTU-1 & 2 IS BEING REPLACE IN KIND, SAME OCPD AND WIRING TO BE USE AND CONNECTION TO EXISTING PANEL TO REMAIN.

DOB APPROVAL STAMP

NEW YORK CITY BALLET

ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:

NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :

NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
NEW YORK, NY 10007

NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
ONE CENTRE STREET, 17TH FLOOR SOUTH
NEW YORK, NY 10007

MANAGING AGENCY :

NYC DEPARTMENT OF DESIGN & CONSTRUCTION (DDC)
30-30 THOMSON AVENUE
LONG ISLAND CITY, NY 11101

ARCHITECT:

NANDINEE PHOOKAN ARCHITECTS
45 MAIN STREET SUITE #620
BROOKLYN NY 11201

STRUCTURAL ENGINEER:

DRPILLA
143 MAIN STREET
NYACK, NY, 10960

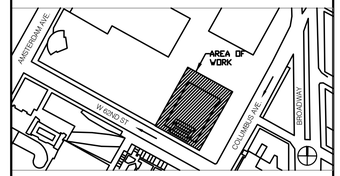
ELECTRICAL/ PLUMBING ENGINEER:

DOSE ENGINEERS
15 W 38TH STREET, 4TH FLOOR
NEW YORK, NY 10018

HVAC ENGINEER:

AXON ENGINEERING
OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

NYC DDC Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF

PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

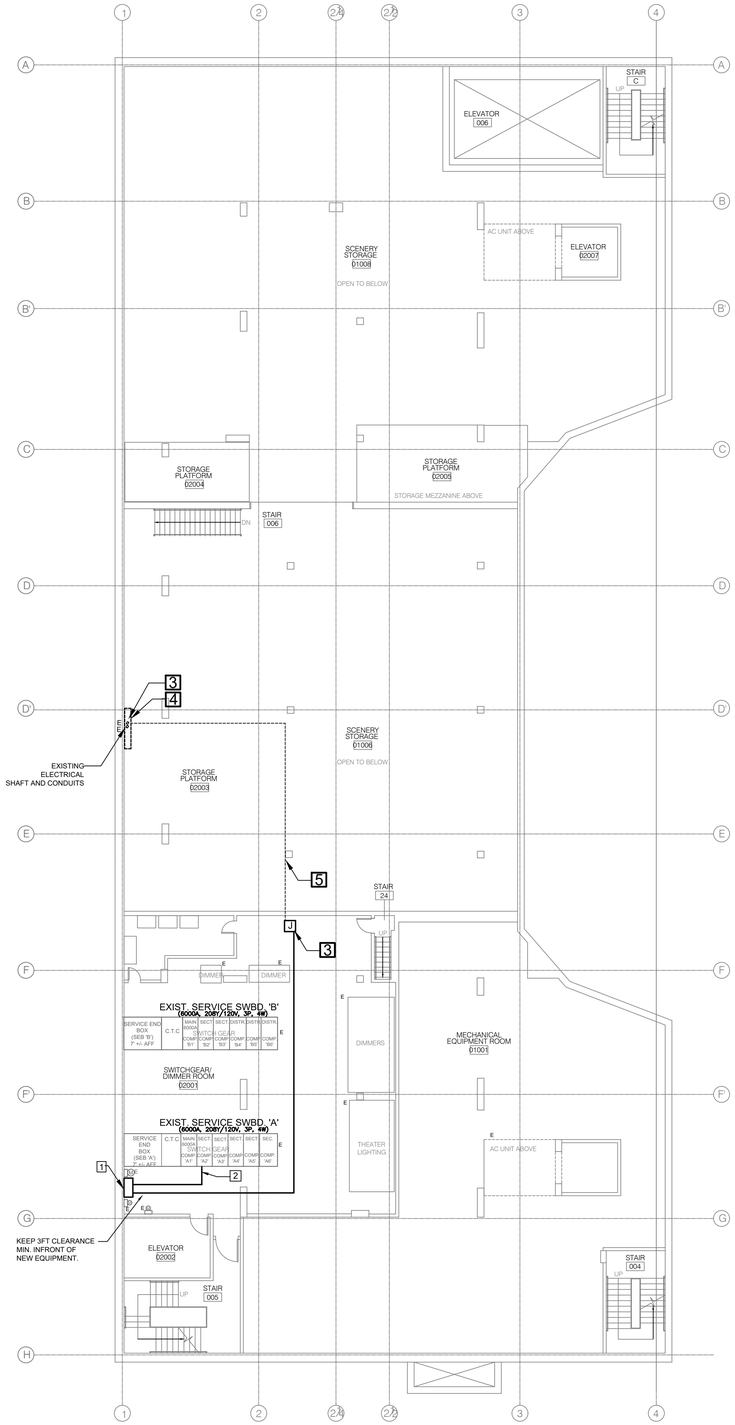
FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DOB NOW Application: M01206784-I1

DRAWING TITLE:
ELECTRICAL PENTHOUSE ROOF DEMOLITION PLAN

SEAL & SIGNATURE

DATE:	10/24/25
PROJECT NO:	24010
DRAWN BY:	E.R
CHECKED BY:	A.J
DRAWING NUMBER:	DE-102.00
CADO FILE No:	
	03 OF 08



01 EXISTING SUB-CELLAR MEZZANINE PLAN

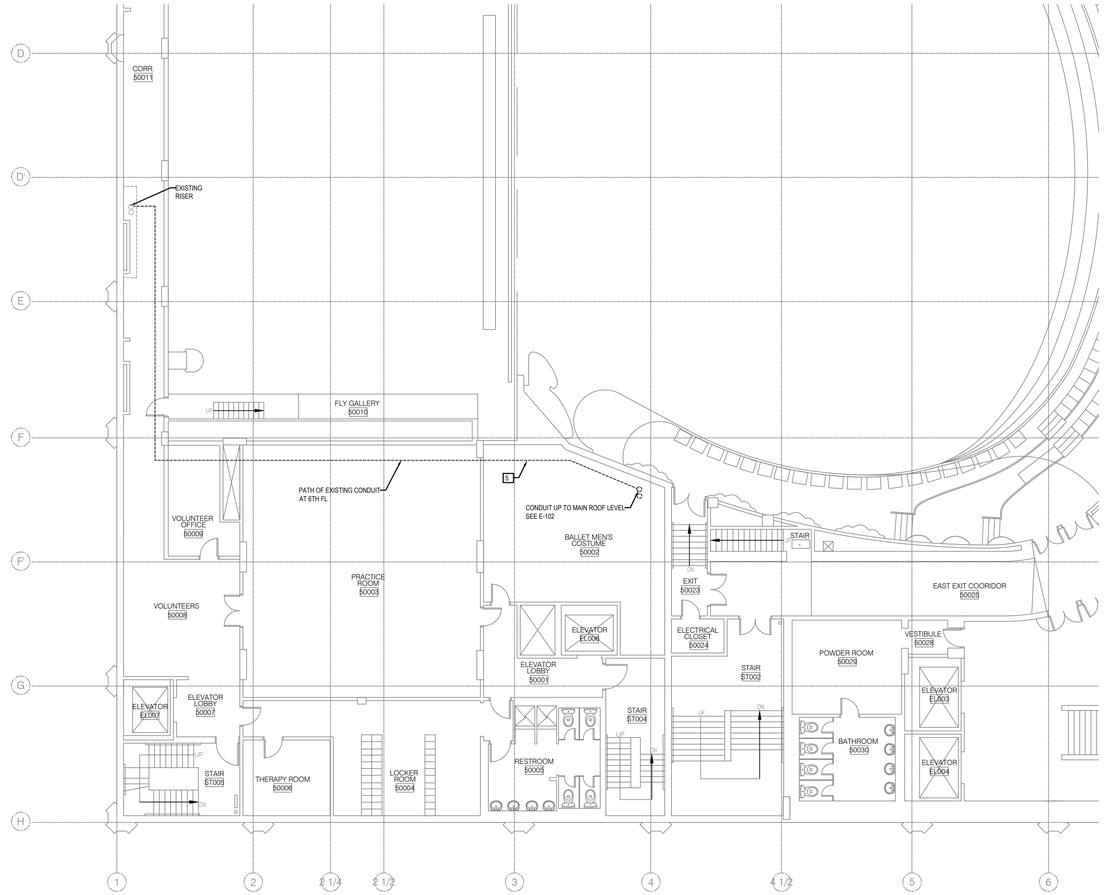
SCALE: 3/32"=1'-0"

GENERAL NOTES:

1. SEE DRAWING E-001 FOR ELECTRICAL NOTES, SYMBOLS AND ABBREVIATIONS.
2. EQUIPMENT SHOWN WITH "E" IN THIS ROOM ARE EXISTING TO REMAIN, SHOWN FOR INFORMATION ONLY, UNLESS OTHERWISE INDICATED.

KEY NOTES:

1. SEE KEY NOTES ON RISER DIAGRAM
2. TERMINATE AND CAP CONDUIT WITH CABLE SAFE-OFF ABOVE SWITCHGEAR FOR FUTURE CONNECTION FROM NEW 800A SOLAR BREAKER. PROVIDE ENOUGH SLACK FOR CABLE EXTENSION INTO THE SWITCHGEAR, PROVIDE NEW TAP LUGS IN BUS BAR TO FEED NEW CIRCUIT BREAKER ON THE WALL,COORDINATE ALL SHUT DOWNS WITH BUILDING . ENGINEER.
3. 32"X32"X32" JUNCTION BOX AT CEILING LEVEL,EVERY (3) 90 DEGREE TURN, EXACT LOCATION TO BE DETERMINED ON SITE.
4. (2) 4"C PENETRATION UP TO ROOF INVERTERS DISCONNECTS VIA EXISTING SPARE CONDUIT IN ELECTRICAL SHAFT AND RISER. RENAME PULL BOX AS FOLLOWING; "ELEC-PULL BOX-PV FEEDERS".
5. NEW WIRING IN EXISTING CONDUIT UP TO 6TH FLOOR (SEE RISER DIAGRAM).



02 EXISTING 6TH FLOOR PLAN (PARTIAL)

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

DOB APPROVAL STAMP

SEAL & SIGNATURE

NEW YORK CITY BALLET

ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:

NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :

NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
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NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
ONE CENTRE STREET, 17TH FLOOR SOUTH
NEW YORK, NY 10007

MANAGING AGENCY :

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ARCHITECT:

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45 MAIN STREET SUITE #620
BROOKLYN NY 11201

STRUCTURAL ENGINEER:

DRPILLA
143 MAIN STREET
NYACK, NY, 10960

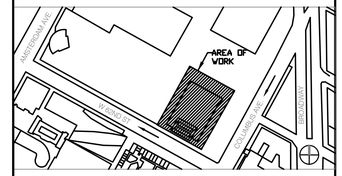
ELECTRICAL/ PLUMBING ENGINEER:

DOSE ENGINEERS
15 W 38TH STREET, 4TH FLOOR
NEW YORK, NY 10018

HVAC ENGINEER:

AXON ENGINEERING
OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF

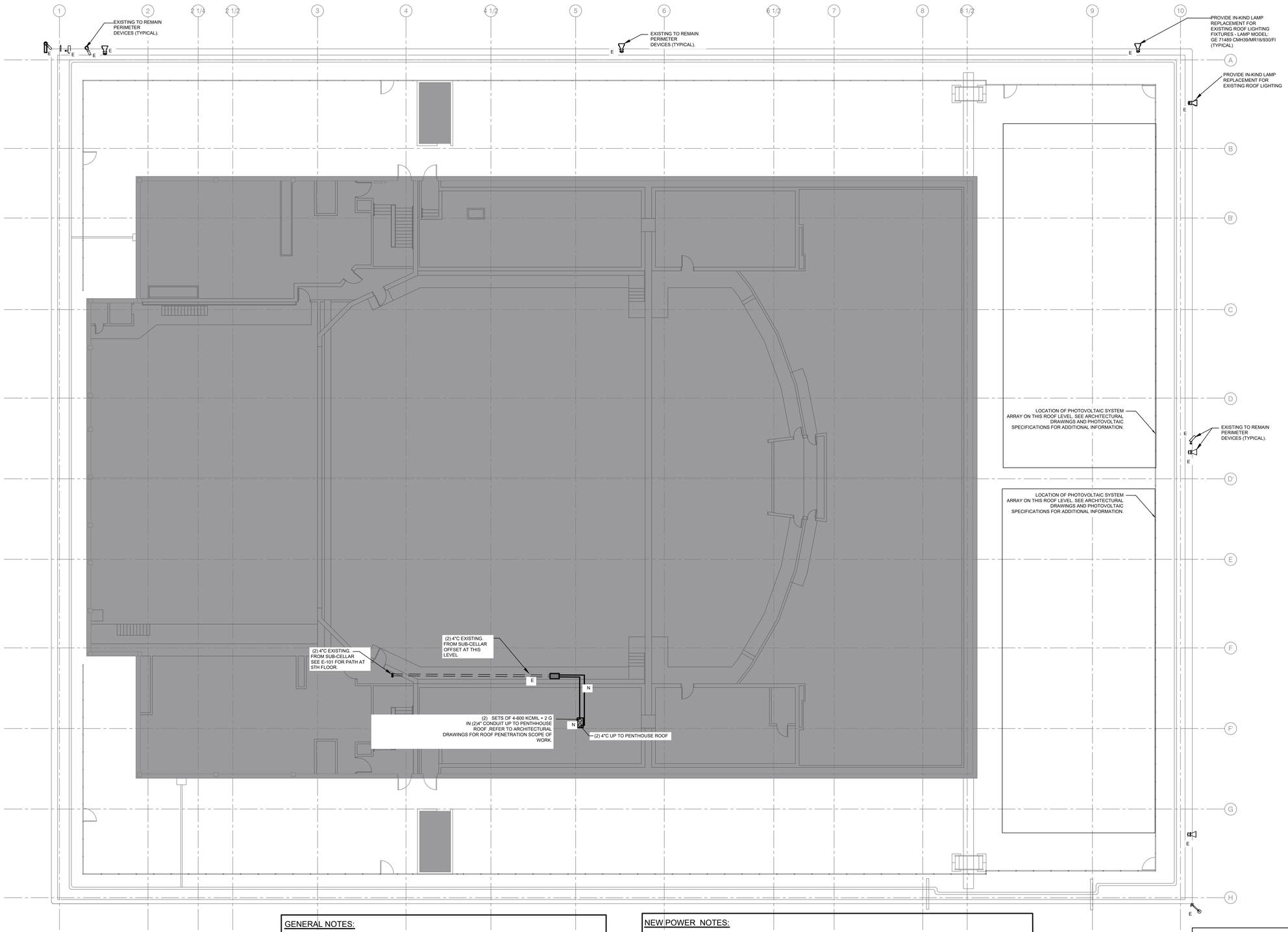
PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DOB NOW Application: M01206784-I1

DRAWING TITLE:
ELECTRICAL SUB-CELLAR MEZZANINE PLAN

DATE:	10/24/25
PROJECT NO:	24010
DRAWN BY:	E.R
CHECKED BY:	A.J
DRAWING NUMBER:	E-101.00
CADO FILE No:	04 OF 08



01 MAIN ROOF PROPOSED PLAN

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

GENERAL NOTES:

1. FOR SYMBOLS, NOTES AND ABBREVIATIONS , REFER TO DRAWING E-001.00
2. ALL EQUIPMENT SHOWN THIS DRAWING ARE EXISTING TO REMAIN, SHOWN FOR INFORMATION ONLY, UNLESS OTHERWISE INDICATED.
3. REFER TO ARCHITECTURAL DRAWINGS A-111 AND A-112 FOR THE PHOTOVOALTIC SYSTEM BASIS OF DESIGN. SEE SPECIFICATION SECTION 263100 PHTOVOALTIC COLLECTORS FOR ADDITIONAL INFORMATION. FINAL PV SYSTEM REQUIRES ENGINEERING SERVICES TO BE PROVIDED BY THE CONTRACTOR.

NEW POWER NOTES:

1. PROVIDE NEMA 3R FOR ALL DISCONNECT SWITCHES, PULL BOXES ON THE ROOF .
2. ALL NEW ROOF AND WALL PENETRATIONS SHALL BE FIRE-PROOF AFTER INSTALLATION.
3. ALL EQUIPMENT TEMPORARILY SUPPORTED DURING ROOF REPLACEMENT SHALL BE REINSTALLED IN ITS ORIGINAL LOCATION. ALL WIRING SIZE FOR EXISTING EQUIPMENT SHALL REMAIN.

DOB APPROVAL STAMP

SEAL & SIGNATURE

NEW YORK CITY BALLET

ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:

NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :

NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
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MANAGING AGENCY :

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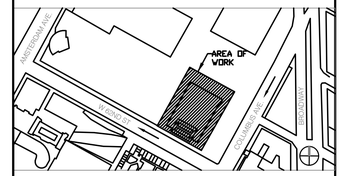
ELECTRICAL/ PLUMBING ENGINEER:

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NEW YORK, NY 10018

HVAC ENGINEER:

AXON ENGINEERING
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KEY PLAN:



NUMBER	DESCRIPTION	DATE
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DIVISION OF PUBLIC BUILDINGS

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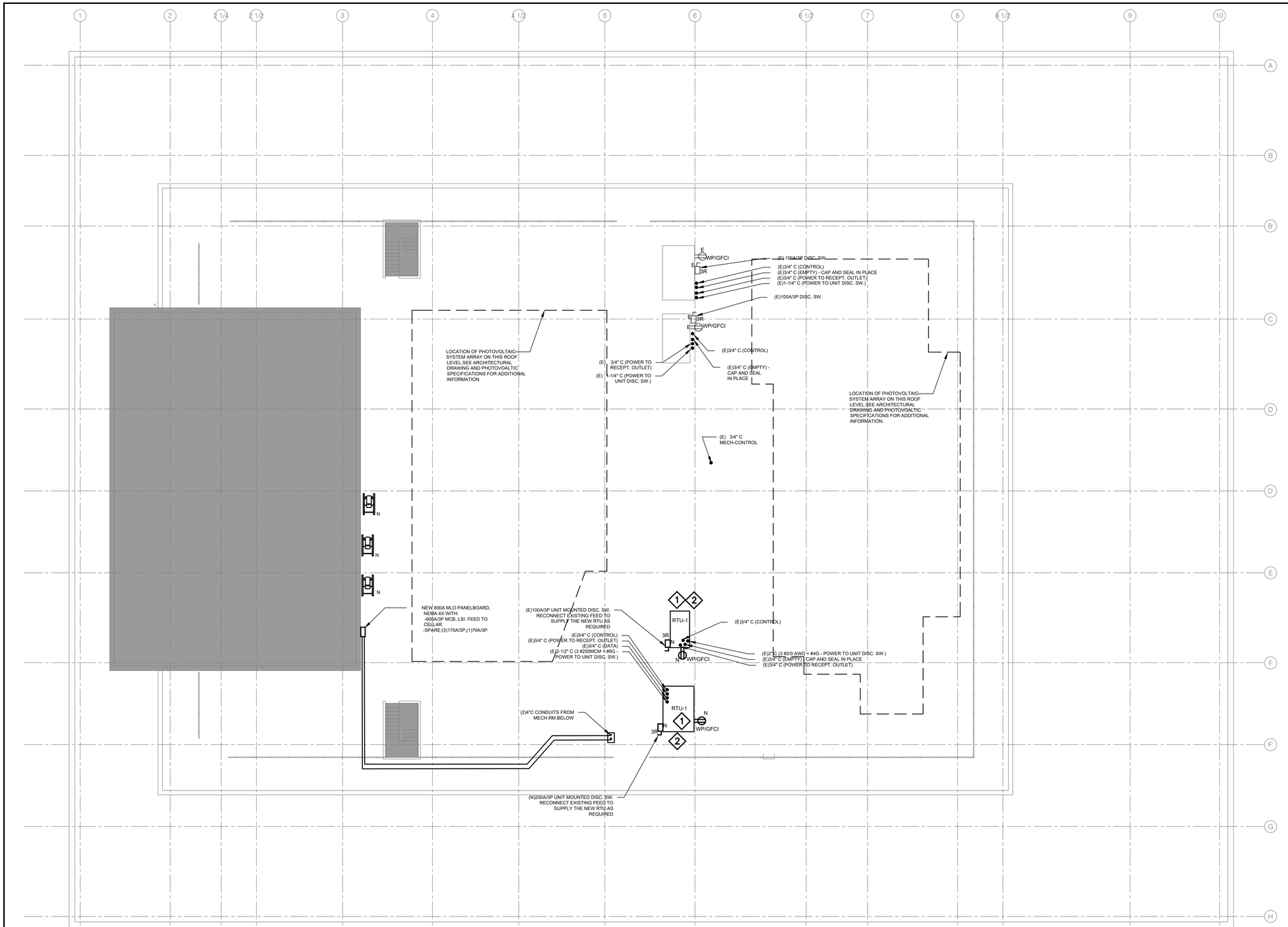
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FOR THE:
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DOB NOW Application: M01206784-I1

DRAWING TITLE:
ELECTRICAL MAIN ROOF PLAN

DATE:	10/24/25
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DRAWN BY:	E.R
CHECKED BY:	A.J
DRAWING NUMBER:	E-102.00
CADO FILE No:	



KEY NOTES:

1. EXISTING ELECTRICAL DISCONNECT SWITCH AND RECEPTACLES ASSOCIATED WITH THESE RTU EQUIPMENT.SHALL BE REPLACE WITH NEW AS SHOWN ON PLAN (N), EXISTING WIRING AND CONDUIT TO BE RE-INSTALL TO THIS NEW DISCONNECT SWITCH, EXTEND WIRING/CONDUIT AS REQUIERED, SIZE TO MATCH EXISTING.
2. DISCONNECT AND REMOVE EXISTING RTU DUCT DETECTORS AND RE-USE EXISTING WIRING AND CONDUIT TO CONNECT NEW DUCT DETECTOR THAT WILL BE PROVIDED WITH NEW RTU.

GENERAL NOTES:

1. FOR SYMBOLS NOTES AND ABBREVIATIONS , REFER TO DRAWING E-001.00
2. ALL EQUIPMENT SHOWN THIS DRAWING ARE EXISTING TO REMAIN, SHOWN FOR INFORMATION ONLY, UNLESS OTHERWISE INDICATED.
3. ALL SOLAR PV EQUIPMENT SHOWN THIS DRAWING, OTHER THAN THE DISCONNECT AND LOAD CONDUIT, ARE FOR PV WORK BY OTHERS SHOWN FOR INFORMATION ONLY. FINAL CONNECTION TO PV EQUIPMENT TO BE DONE BY PV SYSTEM ELECTRICIAN.

NEW POWER NOTES:

1. PROVIDE NEMA 3R FOR ALL DISCONNECT SWITCHES, PULL BOXES ON THE ROOF .
2. ALL NEW ROOF AND WALL PENETRATIONS SHALL BE FIRE-PROOF AFTER INSTALLATION.
3. ALL EQUIPMENT TEMPORARILY SUPPORTED DURING ROOF REPLACEMENT SHALL BE REINSTALLED IN ITS ORIGINAL LOCATION. RUN NEW CONDUITS ALONG PERIMETER OF THE ROOF AREA AVOIDING ANY CONFLICTS WITH RESERVED LOCATION FOR FUTURE PV PANELS.
4. ALL WIRING SIZE FOR EXISTING EQUIPMENT SHALL REMAIN; RECONNECT AND EXTEND TO NEW EQUIPMENT BEING REPLACED.

01 PENTHOUSE PROPOSED ROOF PLAN
SCALE: 3/32"=1'-0"

DOB APPROVAL STAMP

SEAL & SIGNATURE

NEW YORK CITY BALLET

ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

SPONSOR AGENCY :
NYC DEPARTMENT OF CULTURAL AFFAIRS (DCLA)
31 CHAMBERS STREET
NEW YORK, NY 10007
NYC DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES (DCAS)
ONE CENTRE STREET, 17TH FLOOR SOUTH
NEW YORK, NY 10007

MANAGING AGENCY :
NYC DEPARTMENT OF DESIGN & CONSTRUCTION (DDC)
30-30 THOMSON AVENUE
LONG ISLAND CITY, NY 11101

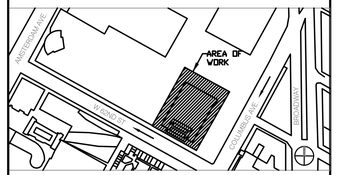
ARCHITECT:
NANDINEE PHOOKAN ARCHITECTS
45 MAIN STREET SUITE #620
BROOKLYN NY 11201

STRUCTURAL ENGINEER:
DRPILLA
143 MAIN STREET
NYACK, NY, 10960

ELECTRICAL/ PLUMBING ENGINEER:
DOSE ENGINEERS
15 W 38TH STREET, 4TH FLOOR
NEW YORK, NY 10018

HVAC ENGINEER:
AXON ENGINEERING
OUTWATER LN SUITE 3A
GARFIELD, NJ 07026

KEY PLAN:



NUMBER	DESCRIPTION	DATE
	ISSUED FOR BID	03-20-2026

Department of Design and Construction

DIVISION OF PUBLIC BUILDINGS

CAPITAL PROJECT NUMBER:
PV475ROOF

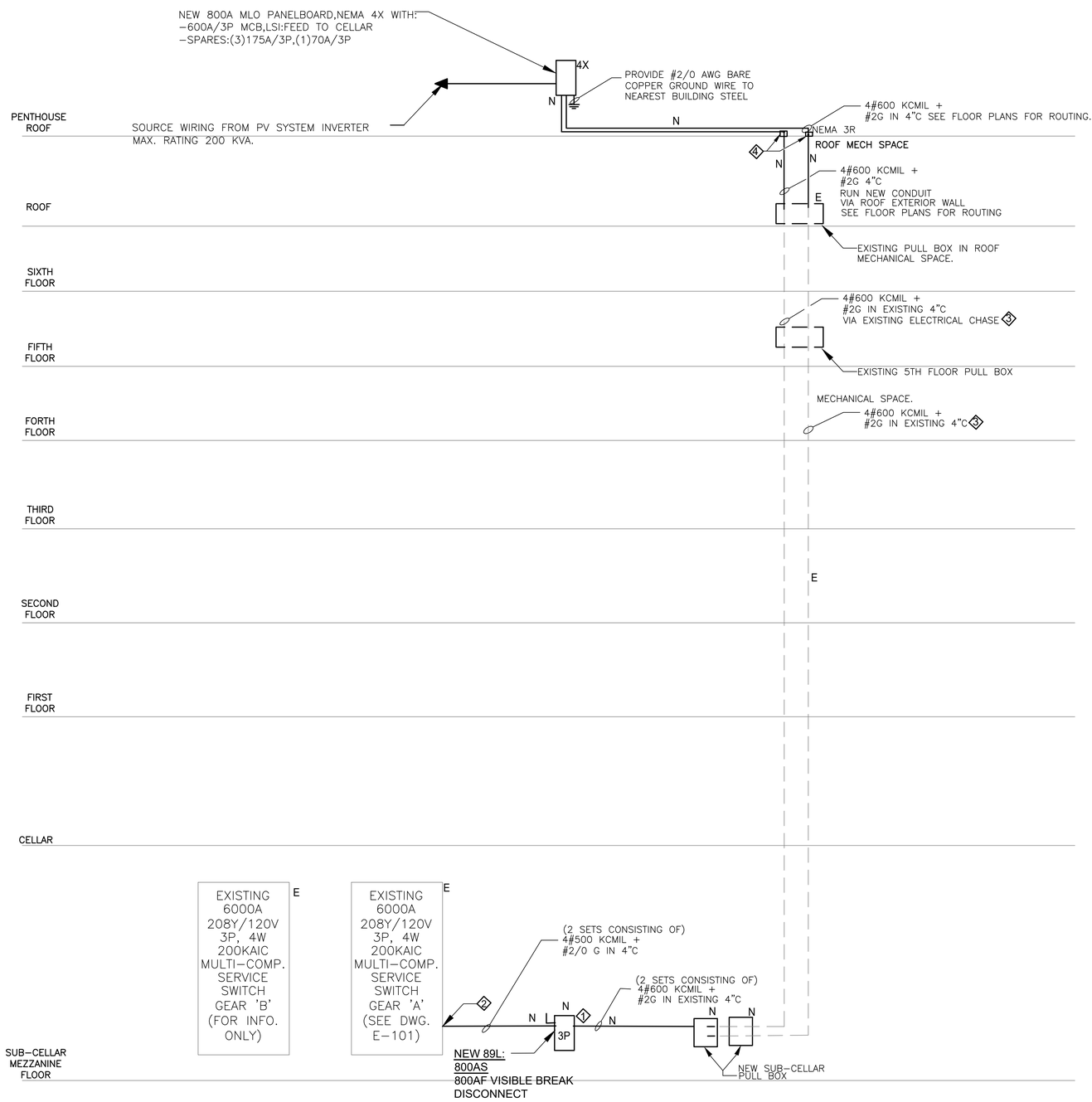
PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DOB NOW Application: M01206784-I1

DRAWING TITLE:
ELECTRICAL PENTHOUSE ROOF PLAN

DATE:	10/24/25
PROJECT NO:	24010
DRAWN BY:	E.R
CHECKED BY:	A.J
DRAWING NUMBER:	E-103.00
CADO FILE No:	06 OF 08



GENERAL NOTES:

SEE ARCHITECTURAL DRAWINGS A-111 AND A-112 FOR THE PHOTOVOLTAIC SYSTEM BASIS OF DESIGN. SEE SPECIFICATION SECTION 263100 PHOTOVOLTAIC COLLECTORS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
FINAL PV SYSTEM REQUIRES ENGINEERING SERVICES TO BE PROVIDED BY THE CONTRACTOR.

KEY NOTES:

1. FURNISH AND INSTALL,PV DEDICATED DISCONECT SWITCH.
2. ELECTRICAL CONTRACTOR SHALL UTILIZED EXISTING (2) 4"C IN EXISTING ELECTRICAL SHAFT FROM CELLAR TO ROOF MECH SPACE, THESE (2)4"C SPARES WERE PREVIOUSLY INSTALLED FOR FUTURE USE.
3. ELECTRICAL CONTRACTOR SHALL DO A SITE VISIT TO IDENTIFY & CONFIRM THE SPARE CONDUIT LOCATION FROM SWITCHGEAR ROOM TO CONDUIT TERMINATION BELOW THE PENTHOUSE ROOF LEVEL.
4. FURNISH AND INSTALL A NEMA 3R PULL BOX AT THE POINT OF EXIT TO OUTDOORS, TRANSITION TO THHW-N WIRING AND TO RGS CONDUIT OUTDOORS PROVIDE W.P FITTINGS, GASKETS, AND SEALS TO CREATE WATER TIGHT ENCLOSURE.

DOB APPROVAL STAMP

NEW YORK CITY BALLET

ROOF REPLACEMENT

20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

CLIENT:
NEW YORK CITY BALLET
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NEW YORK, NY 10023

SPONSOR AGENCY :
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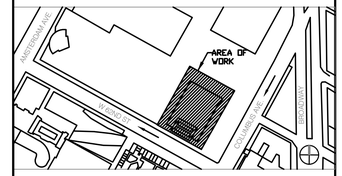
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PROJECT
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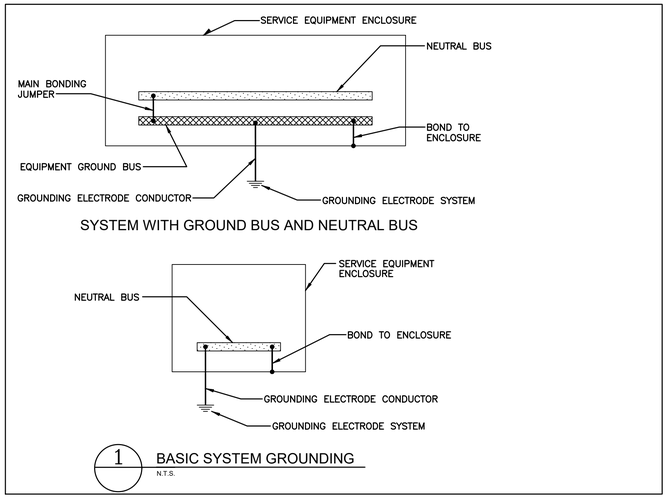
FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DOB NOW Application: M01206784-I1

DRAWING TITLE:
ELECTRICAL RISER DIAGRAM

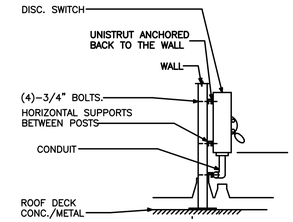
SEAL & SIGNATURE

DATE: 10/24/25
PROJECT NO: 24010
DRAWN BY: E.R
CHECKED BY: A.J
DRAWING NUMBER:
E-400.00
CADO FILE No:
07 OF 08



1 BASIC SYSTEM GROUNDING
N.T.S.

FOR ROOF PENETRATION AND PARAPETH DEVICES MOUNTING DETAILS REFER TO ARCHITECTURAL DRAWINGS. A–302 & A–401



2 ROOF MOUNTED DISCONNECT SWITCHES – TYPICAL DETAIL
NOT TO SCALE

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ROOF REPLACEMENT

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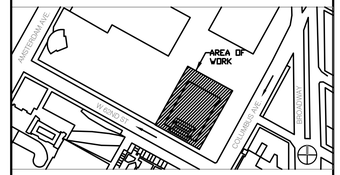
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GARFIELD, NJ 07026

KEY PLAN:



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DIVISION OF PUBLIC BUILDINGS

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PROJECT
NYC BALLET ROOF REPLACEMENT
20 LINCOLN CENTER PLAZA,
NEW YORK, NY 10023

FOR THE:
Department of Cultural Affairs (DCLA)
Department of Citywide Administrative Services (DCAS)

DOB NOW Application: M01206784-I1

DRAWING TITLE:
ELECTRICAL DETAILS

DOB APPROVAL STAMP

SEAL & SIGNATURE

DATE: 10/24/25
PROJECT NO: 24010
DRAWN BY: E.R
CHECKED BY: A.J
DRAWING NUMBER:
E-500.00
CADO FILE No:
08 OF 08

ASBESTOS ABATEMENT
NEW YORK CITY BALLET
ROOF RECOVERY
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

ASBESTOS ABATEMENT GENERAL NOTES

1. ALL ASBESTOS REMOVAL SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAW, GUIDELINES, REGULATIONS, ORDERS AND DIRECTIVES, INCLUDING WITHOUT LIMITATIONS, THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA), AND U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH (NIOSH), NEW YORK CITY LOCAL LAW TITLE 16, CHAPTER 1 RCNY, AND THE NEW YORK STATE DEPARTMENT OF LABOR (NYSDOL).

2. ASBESTOS ABATEMENT CONTRACTOR SHALL FURNISH ALL LABOR MATERIAL, EQUIPMENT, SERVICES, ETC., NECESSARY FOR TO PERFORM THE WORK REQUIRED FOR ASBESTOS ABATEMENT IN ACCORDANCE WITH CONTRACT DOCUMENTS AND ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

3. ASBESTOS ABATEMENT SHALL DEVELOP AND IMPLEMENT A WRITTEN STANDARD PROCEDURE FOR ABATEMENT WORK TO ENSURE MAXIMUM PROTECTION AND SAFEGUARD FROM ASBESTOS EXPOSURE OF THE WORKERS, VISITORS, EMPLOYEES, GENERAL PUBLIC, AND THE ENVIRONMENT.

4. ASBESTOS ABATEMENT CONTRACTOR SHALL PROVIDE SIGNS, LABELS, WARNINGS, AND POST INSTRUCTIONS THAT ARE NECESSARY TO PROTECT, INFORM AND WARN PEOPLE OF THE HAZARD FROM ASBESTOS EXPOSURE. POST IN A PROMINENT AND CONVENIENT PLACE FOR THE WORKERS A COPY OF THE LATEST APPLICABLE REGULATIONS FOR OSHA, EPA NIOSH, AND NYSDOL.

5. CITY TO NOTIFY ASBESTOS ABATEMENT CONTRACTOR OF ITEMS THAT CANNOT BE REMOVED OR REQUIRES SPECIAL ATTENTION, ASBESTOS ABATEMENT CONTRACTOR SHALL PROVIDE PROPER PROTECTION AS WELL AS DECONTAMINATION OF ALL ITEMS REMAINING IN THE WORK AREA.

6. ASBESTOS ABATEMENT CONTRACTOR SHALL HEPA VACUUM AND WET WIPE ALL PORTABLE ITEMS WITHIN THE WORK AREA, CITY IS TO INDICATE ALL ITEMS THAT MAY REQUIRE SPECIAL ATTENTION (I.E. COMPUTERS, ELECTRICAL EQUIPMENT, ETC.)

7. THE ASBESTOS ABATEMENT CONTRACTOR SHALL PROVIDE ALL ELECTRICAL, WATER AND WASTE CONNECTIONS, TIE-INS, EXTENSIONS, CONSTRUCTION MATERIALS, SUPPLIES, ETC., AS REQUIRED TO FACILITATE ASBESTOS REMOVAL.

8. ASBESTOS ABATEMENT CONTRACTOR SHALL PROVIDE TEMPORARY ELECTRIC AND LIGHT THROUGHOUT THE WORK AREAS AS REQUIRED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND CODES.

9. ASBESTOS ABATEMENT CONTRACTOR SHALL PROVIDE PORTABLE SMOKE/HEAT DETECTORS THROUGHOUT EACH WORK AREA.

10. ASBESTOS ABATEMENT CONTRACTOR SHALL PROPERLY PROTECT ALL CONTROLS, TUBING, ELECTRICAL PANELS, EQUIPMENT, ETC. WITHIN THE WORK AREA.

11. ASBESTOS ABATEMENT CONTRACTOR SHALL ISOLATE AND PROTECT ALL MECHANICAL EQUIPMENT REMAINING IN THE WORK AREA. ALL EQUIPMENT TO REMAIN SHALL BE HEPA VACUUMED AND WET WIPED PRIOR TO PLASTICIZING AND UPON THE COMPLETION OF THE PROJECT. ASBESTOS ABATEMENT CONTRACTOR SHALL PROVIDE WOOD BOX ENCLOSURES AND ADEQUATE VENTILATION FOR ANY EQUIPMENT THAT WILL REMAIN IN OPERATION DURING ASBESTOS ABATEMENT. ASBESTOS ABATEMENT CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS WITH CONSULTANT AND CITY.

12. ASBESTOS ABATEMENT CONTRACTOR SHALL EXERCISE EXTREME CARE AND CAUTION DURING ANDY AND ALL DEMOLITION AND ABATEMENT OPERATIONS. ASBESTOS ABATEMENT CONTRACTOR SHALL CONDUCT REMOVAL OF ALL MATERIALS FROM THE SITE WITH THE MINIMUM DISTURBANCE; PROVIDE PROPER PROTECTION AND REGULAR MAINTENANCE OF ALL BUILDING PREMISES DIRECTLY OR INDIRECTLY ASSOCIATED WITH ABATEMENT OPERATIONS.

13. ASBESTOS ABATEMENT CONTRACTOR SHALL COMPLETELY ISOLATE WORK AREA AS DESCRIBED IN CONTRACT DOCUMENTS. ALL ISOLATION BARRIERS, PERSONAL/WASTE DECONTAMINATION ENCLOSURE SYSTEM (P.W.D.E.S), PLASTIC SHEETING, AIR FILTRATION DEVICES (AFD), AUXILIARY MAKE-UP AIR MANIFOLDS, ETC., SHALL BE IN PLACE AND APPROVED BY THE CITY PRIOR TO THE BEGINNING OF ASBESTOS REMOVAL.

14. ASBESTOS ABATEMENT CONTRACTOR SHALL LOCATE AND SEAL ALL PENETRATIONS THROUGH WALLS BETWEEN THE WORK AREA AND ADJACENT AREAS, INCLUDING, BUT NOT LIMITED TO PIPE, DUCT, CONDUIT, CHASES, AND OPENINGS IN FIRE WALLS OR DECKS BETWEEN FLOORS AS REQUIRED BY THE FIELD CONDITION.

15. ASBESTOS ABATEMENT CONTRACTOR SHALL CONSTRUCT ISOLATION BARRIERS IN ORDER TO PROVIDE COMPLETE AND TOTAL ISOLATION OF THE ABATEMENT SITE FROM ALL ADJACENT AREAS. ALL ISOLATION BARRIERS SHALL BE OF WOOD; 2 " X 4" AT 16" O.C. WITH 1/2" PLYWOOD SHEATHING, SEALED ON BOTH SIDES WITH TWO LAYERS OF 6 MIL PLASTIC SHEETING, CAULK AND SEAL ALL JOINTS AT THE PERIMETER, ALL MATERIALS SHALL BE FIRE RETARDANT . ASBESTOS ABATEMENT CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS, CONSTRUCTION BARRIERS SHALL BE CONDUCTED UNDER STRICT ASBESTOS ABATEMENT SCHEDULE.

16. ASBESTOS ABATEMENT CONTRACTOR SHALL PROVIDE EMERGENCY EXIT (EMCB) AS REQUIRED.

17. ASBESTOS ABATEMENT CONTRACTOR SHALL COORDINATE WITH CONSTRUCTION PROJECT MANAGER AND BUILDING ENGINEER HVAC SHUTDOWN AS REQUIRED

18. ASBESTOS ABATEMENT CONTRACTOR SHALL SEPARATE AND BLANK-OFF WITH SHEET METAL AND CAP ALL RETURN AND LOW PRESSURE DUCT SYSTEMS WHICH ENTER AND EXIT THE WORK AREA AS REQUIRED, SEAL ALL CONNECTING JOINTS AIR TIGHT WITH TAPE AND PLASTIC SHEETING. COORDINATE ALL WORK WITH THE FACILITY MANAGER AND THE CONSTRUCTION PROJECT MANAGER.

19. ASBESTOS ABATEMENT CONTRACTOR SHALL CONSTRUCT PERSONAL/WASTE DECONTAMINATION ENCLOSURE SYSTEM (P.W.E.S.) AS INDICATES, IT SHALL BE OF SUFFICIENT SIZE TO ACCOMMODATE STORAGE OF MATERIALS, EQUIPMENT, ETC., WHILE ALLOWING FOR THE PASSAGE OF LABORERS AND THEIR EQUIPMENT (SCAFFOLDING) BETWEEN CLEAN AND CONTAMINATED AREAS.

20. SHOWER AND WASTEWATER MUST BE FILTERED AND DISPOSED OF IN THE BUILDING'S SANITARY SYSTEM, REFER TO CONTRACT SPECIFICATIONS.

21. ASBESTOS ABATEMENT CONTRACTOR SHALL PROVIDE PORTABLE CABINET-MOUNTED AIR FILTRATION DEVICES (AFD) EQUIPPED WITH HEPA FILTERS AT 99.97% EFFICIENCY, TO .3 MICRONS. THE NUMBER OF UNITS SHALL BE SUFFICIENT TO ENSURE A MINIMUM OF FOUR (4) COMPLETE AIR CHANGES PER HOUR AND MAINTAIN A NEGATIVE PRESSURE DIFFERENTIAL OF .02 INCHES OF WATER.

22 ASBESTOS ABATEMENT CONTRACTOR SHALL PROVIDE SECURITY SUCH THAT ALL BUILDING EMPLOYEES AND OR VISITORS ARE PROHIBITED FROM ENTERING THE WORK AREA. ASBESTOS ABATEMENT CONTRACTOR SHALL BE ALSO RESPONSIBLE FOR THE FIRE WATCH DURING ALL ABATEMENT OPERATIONS.

23. ASBESTOS ABATEMENT CONTRACTOR SHALL INSTALL AFD EXHAUST MANIFOLD AS REQUIRED FOR ADEQUATE AIRFLOW. REFER TO CONTRACT SPECIFICATIONS FOR DESCRIPTION, COORDINATE ALL LOCATIONS WITH CONSTRUCTION PROJECT MANAGER.

24. ASBESTOS ABATEMENT CONTRACTOR SHALL SUPPLY ALL NECESSARY CONNECTIONS, FASTENERS, FLEXIBLE DUCTS, MANIFOLDS, SUPPORTS, ETC., ANY AND ALL INSTALLATIONS SHALL COMPLY WITH CONTRACT DOCUMENTS AND MANUFACTURER'S REQUIREMENTS.

25. ASBESTOS ABATEMENT CONTRACTOR SHALL HEPA VACUUM AND WET WIPE ALL SURFACES WITHIN THE WORK AREA UPON THE COMPLETION OF ASBESTOS ABATEMENT. REFER TO CONTRACT SPECIFICATIONS..

26. ASBESTOS ABATEMENT CONTRACTOR MAY ENCOUNTER EXTENSIVE CONDUIT WIRING, DUCTS, ETC. ABOVE THE CEILING. ALL ITEMS SHALL BE PROPERLY PROTECTED PRIOR TO ABATEMENT AND THOROUGHLY DECONTAMINATION UPON COMPLETION OF ASBESTOS REMOVAL. REFER TO CONTRACT SPECIFICATIONS..

27. DEBRIS RESULTING FROM ANY DEMOLITION AND/OR DURING THE ASBESTOS ABATEMENT ACTIVITIES SHALL BE DISPOSED OF AS INDICATED IN CONTRACT DOCUMENTS OR DIRECTED BY THE CONSTRUCTION MANAGER.

28. ALL ROUTES THROUGH THE BUILDING TO BE USED DURING THE ASBESTOS ABATEMENT OPERATIONS SHALL BE COORDINATED WITH FACILITY MANAGER AND CONSTRUCTION PROJECT MANAGER. ASBESTOS ABATEMENT CONTRACTOR SHALL UTILIZE ENCLOSED MOBILE CONTAINER FOR TRANSPORTATION OF ALL WASTE MATERIALS. ALL EGRESS ROUTES SHALL BE PROPERLY PROTECTED AND SUFFICIENTLY MAINTAINED BY THE ASBESTOS ABATEMENT CONTRACTOR.

29. UNLESS OTHERWISE NOTED, ALL WORKERS AND WASTE DECONTAMINATION FACILITIES BOTH CONTIGUOUS AND REMOTE FROM THE WORK AREA SHALL BE CONSTRUCTED WITH A SOLID OUTER SHELL. THE OUTER SHELL SHALL BE FRAMED 2" x 4" STUDDING 16" O.C. WITH A SOLID SHEATHING MATERIAL OF AT LEAST 3/8" MIN. THICKNESS

30. LOCATION OF ANY REMOTE DECONTAMINATION FACILITIES SHALL BE COORDINATED AND APPROVED BY THE CITY AND THE CONSTRUCTION PROJECT MANAGER PRIOR TO THE START OF WORK

31. AIR FILTRATION DEVICE (AFD) EXHAUST LOCATIONS WILL BE COORDINATED WITH THE FACILITIES MANAGER AND THE CONSTRUCTION PROJECT MANAGER.

32. CONTRACT DRAWINGS WERE PREPARED FROM EXISTING DRAWING SUPPLIES BY THE CITY AND PROVIDED FOR INFORMATION PURPOSES ONLY. THE CONSULTANT MAKES NO CLAIMS AS TO THEIR ACCURACY OR ANY INFORMATION DERIVED THROUGH THEIR USE.

33. ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE TO COORDINATE AND CONFIRM THE EXACT SCOPE OF WORK FOR EACH PHASE OF ABATEMENT WITH THE GENERAL CONTRACTOR AND OTHER TRADES.

34. ASBESTOS ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE JOB SITE AND DETERMINING ALL QUANTITIES, MEASUREMENTS, AND ANY ANY OTHER CONDITIONS RELATIVE TO THE ENTIRE PROJECT. THE DRAWINGS ARE ONLY A DIAGRAMMATICAL REPRESENTATION OF THE WORK AREAS AND MAY NOT CONSTITUTE THE ACTUAL QUANTITIES OF THE MATERIAL. ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR THE CONFIRMATION OF THE ACTUAL TOTAL QUANTITIES OF THE WORK PRIOR TO BIDDING, NO EXTRA COMPENSATION WILL BE ALLOWED ON ACCOUNT OF DIFFERENCES BETWEEN THE ACTUAL CONDITIONS AND THOSE INDICATED ON THE DRAWINGS. IT IS THE CITY INTENT TO REMOVE ALL ASBESTOS-CONTAINING MATERIAL SCHEDULED TO BE DISTURBED WITHIN THE WORK AREA. THE ASBESTOS ABATEMENT CONTRACTOR SHALL PROMPTLY NOTIFY THE CITY SHOULD ADDITIONAL SUSPECT ACM BE DISTURBED WITHIN THE WORK AREAS. THE ASBESTOS ABATEMENT CONTRACTOR SHALL PROMPTLY NOTIFY THE CITY SHOULD ADDITIONAL SUSPECT ACM BE ENCOUNTERED DURING ABATEMENT ACTIVITIES.

35. ASBESTOS ABATEMENT CONTRACTOR SHALL PROVIDE ALL SCAFFOLDING PLATFORM INSTALLATION, EQUIPMENT, TOOLS, TRANSPORTATION AND ANY OTHER EQUIPMENT REQUIRED AND OR NECESSARY TO COMPLETE ALL WORK DESCRIBED IN THE CONTRACT DOCUMENTS.

DRAWING	DRAW
H001.00	ASBESTOS ABATEMENT - G
H002.00	ASBESTOS ABATEMENT - P

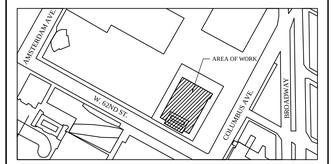
NUMBER	DESCRIPTION	DATE
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One Penn Plaza
250 W 34th Street, 4th Floor, New York, New York 10119
TEL. 212.612.7900 WWW WSP.COM

INSPECTOR(S) / INVESTOGATOR(S):

NAME	NYS DOL #:	NYC DEP #:
LEONID ABRAMOV	25-61FJC-SHAB	149529
JORDAN WONG	26-6IHNK-SHAB	151162

KEY PLAN



NYC DDC Department of Design and Construction

REVISIONS:

NUMBER	DESCRIPTION	DATE
1	ISSUED FOR BID	03-20-2026
2		
3		
4		

CAPITAL PROJECT NUMBER: PV475ROOF

NEW YORK CITY BALLET
ROOF RECOVERY
20 LINCOLN CENTER PLAZA
NEW YORK, NY 10023

DRAWING TITLE:

ASBESTOS ABATEMENT GENERAL NOTES

DRAWN BY: J. GARCIA
CHECKED BY: PRAKASH SAHA
SCALE: SEE BAR SCALE
DATE: 03/03/2026
DRAWING NUMBER: **H001.00**
DRAWING NUMBER: 1 OF 2

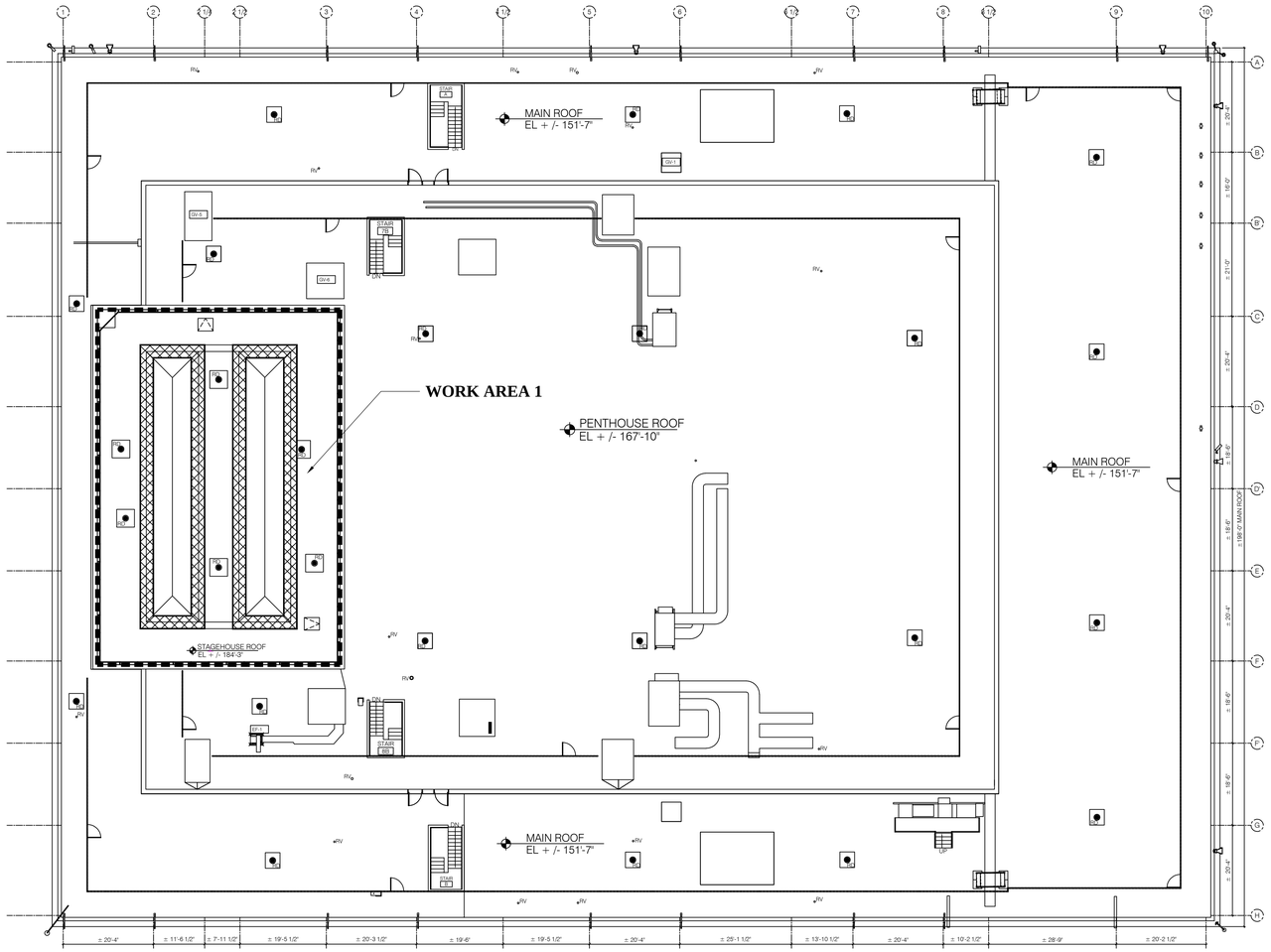
CONSULTANTS PROJECT #: US0023336.5006D

N

LEGEND

LOCATION OF ASBESTOS CONTAINING SKYLIGHT FLASHING (BLACK) - 1,500 SF.

WORK AREA BOUNDARY.



1 H002.00 ROOF PLAN

0' 6' 12' 24'

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

WORK AREA	REMOVAL PROCEDURES	APPROXIMATE SQUARE FEET (SQ. FT.)	APPROXIMATE LINEAR FEET LN. FT.)
1	NYCDEP SECTION § 1-107 FOAM PROCEDURE FOR ROOF REMOVAL	1,500 SQ. FT. OF SKYLIGHT FLASHING (BLACK)	———

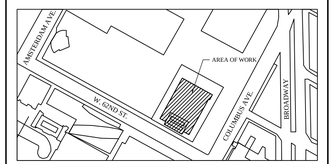
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KEY PLAN



NYC DDC Department of Design and Construction

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NEW YORK, NY 10023

DRAWING TITLE:

ASBESTOS ABATEMENT ROOF PLAN

DRAWN BY: J. GARCIA
CHECKED BY: PRAKASH SAHA
SCALE: SEE BAR SCALE
DATE: 03/03/2026
DRAWING NUMBER: **H002.00**
DRAWING NUMBER: 2 OF 2

CONSULTANTS PROJECT #: US0023336.5006D