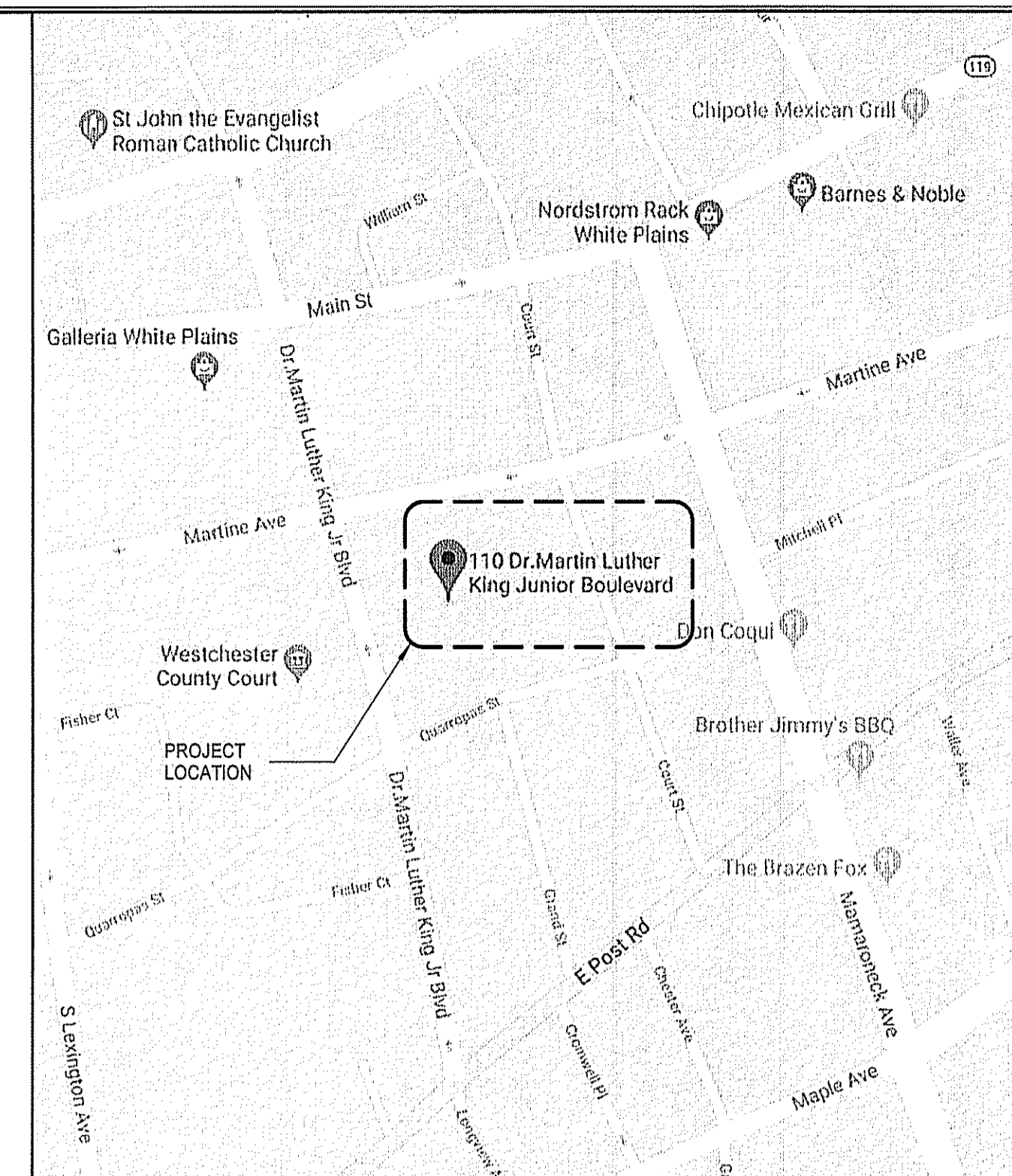


WESTCHESTER COUNTY

# WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

## CONTRACT No. 20-502 LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING JR. BOULEVARD WHITE PLAINS, NEW YORK



SCALE: N.T.S.

LOCATION  
MAP

**ASBESTOS NOTE:**

- A. IF ANY SUSPECT ASBESTOS CONTAINING MATERIAL (ACM) IS FOUND DURING CONSTRUCTION, ALL WORK IN THAT AREA SHALL CEASE AND THE OWNER & ARCHITECT SHALL BE NOTIFIED IMMEDIATELY. THE MATERIAL SHALL BE SAMPLED AND ANALYZED BY A LICENSED FIRM AND CERTIFIED PERSONNEL IN ACCORDANCE WITH STATE REGULATIONS. ALL RESULTS SHALL BE SUBMITTED TO THE OWNER & ARCHITECT UPON RECEIPT. IF IT IS DETERMINED THAT THE MATERIAL DOES NOT CONTAIN ASBESTOS, THE AREA WILL BE ISOLATED WITH ASBESTOS WARNING TAPE AND AN ABATEMENT PLAN SHALL BE SUBMITTED TO THE OWNER & ARCHITECT.

**ALL WOOD TO BE FIRE TREATED**

**BALANCING REPORT TO BE REQUIRED  
PRIOR TO PROJECT CLOSE-OUT**

	<b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989										
	<table border="1"> <tr> <td>REVISION NUMBER</td> <td>DATE</td> <td>MADE BY</td> <td>APP'D BY</td> <td>REVISION</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION				
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION							
<p align="center"><b>RECORD DRAWING CERTIFICATION</b></p> <input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES											
<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____									
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK TITLE SHEET		CONTRACT NUMBER <b>20-502</b> SHEET NO. 1 OF 133 SHEET NUMBER <b>T-001</b> SCALE: 12" = 1'-0" DATE: 01-19-2024 Issue Date DPW FILE NO. 52-11-T-1813-0 REV. NO.									

RECOMMENDED FOR CONSTRUCTION  ADAM KAPLINSKI, R.A. PRINCIPAL ARCHITECT DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION	1-16-24 DATE	RECOMMENDED FOR CONSTRUCTION  GAYLE KATZMAN, P.E. FIRST DEPUTY COMMISSIONER DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION	1-16-2024 DATE	APPROVED FOR CONSTRUCTION  HUGH J. GREECHAN, JR., P.E. COMMISSIONER DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION	1/16/24 DATE
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# DRAWING LIST:

## ARCHITECTURE

No	SHEET No	SHEET NAME	DPW FILE No
1	T-001	TITLE SHEET	52-11-T-1813-0
2	T-002	DRAWING LIST	52-11-G-1814-0
3	G-001	CODE ANALYSIS	52-11-G-1815-0
4	G-002	EGRESS AND FIRE RATING PLAN	52-11-G-1816-0
5	G-003	PHASING PLAN - PHASE I & II	52-11-G-1817-0
6	G-004	1ST FLOOR NORTH WING - TEMPORARY TAX OFFICE	52-11-G-1818-0
7	DM-001	PARTIAL DEMOLITION PLAN - 1ST FLOOR CENTRAL WING	52-11-G-1819-0
8	DM-002	PARTIAL DEMOLITION PLAN - 1ST FLOOR NORTH WING	52-11-G-1820-0
9	DM-003	PARTIAL DEMOLITION PLAN - 2ND FLOOR CENTRAL WING	52-11-G-1821-0
10	DM-004	PARTIAL DEMOLITION PLAN - 2ND FLOOR NORTH WING	52-11-G-1822-0
11	DM-005	PARTIAL DEMOLITION CEILING PLAN - 1ST FLOOR CENTRAL WING	52-11-G-1823-0
12	DM-006	PARTIAL DEMOLITION REFLECTED CEILING PLAN - 1ST FLOOR NORTH WING	52-11-G-1824-0
13	DM-007	PARTIAL DEMOLITION REFLECTED CEILING PLAN - 2ND FLOOR CENTRAL WING	52-11-G-1825-0
14	DM-008	PARTIAL DEMOLITION REFLECTED CEILING PLAN - 2ND FLOOR NORTH WING	52-11-G-1826-0
15	DM-009	DETAIL DEMOLITION PLANS - RESTROOMS	52-11-G-1827-0
16	A-101	CONSTRUCTION PLAN - 1ST FLOOR CENTRAL WING	52-11-A-1828-0
17	A-102	CONSTRUCTION PLAN - 1ST FLOOR NORTH WING	52-11-A-1829-0
18	A-103	CONSTRUCTION PLAN - 2ND FLOOR CENTRAL WING	52-11-A-1830-0
19	A-104	CONSTRUCTION PLAN - 2ND FLOOR NORTH WING	52-11-A-1831-0
20	A-105	REFLECTED CEILING PLAN - 1ST FLOOR CENTRAL WING	52-11-A-1832-0
21	A-106	REFLECTED CEILING PLAN - 1ST FLOOR NORTH WING	52-11-A-1833-0
22	A-107	REFLECTED CEILING PLAN - 2ND FLOOR CENTRAL WING	52-11-A-1834-0
23	A-108	REFLECTED CEILING PLAN - 2ND FLOOR NORTH WING	52-11-A-1835-0
24	A-109	REFLECTED CEILING PLAN - GARAGE LEVEL B2 - CENTRAL WING	52-11-A-1836-0
25	A-110	REFLECTED CEILING PLAN - GARAGE LEVEL B2 - NORTH WING	52-11-A-1837-0
26	A-111	FINISH PLAN - 1ST FLOOR CENTRAL WING	52-11-A-1838-0
27	A-112	FINISH PLAN - 1ST FLOOR NORTH WING	52-11-A-1839-0
28	A-113	FINISH PLAN - 2ND FLOOR CENTRAL WING	52-11-A-1840-0
29	A-114	FINISH PLAN - 2ND FLOOR NORTH WING	52-11-A-1841-0
30	A-120	PLUMBING PLAN & FIXTURE SCHEDULE	52-11-A-1842-0
31	A-121	POWER & COMMUNICATION PLAN - RESTROOMS	52-11-A-1843-0
32	A-130	PARTIAL B3 PLAN - ELEVATOR MACHINE RMS - 110 MLK BLVD	52-11-A-1844-0
33	A-131	PARTIAL ROOF PLAN - ELEVATOR HOISTWAY - 110 MLK BLVD	52-11-A-1845-0
34	A-132	PARTIAL EXTERIOR ELEVATION - 110 MLK BLVD	52-11-A-1846-0
35	A-133	PARTIAL 1ST FLOOR PLAN - JUDGE ELEVATOR - 111 MLK BLVD	52-11-A-1847-0
36	A-134	ROOF PLAN - ELEVATOR MACHINE ROOM - 111 MLK BLVD	52-11-A-1848-0
37	A-135	PARTIAL ELEVATIONS & SECTIONS - 111 MLK BLVD	52-11-A-1849-0
38	A-136	EXISTING BASEMENT PLAN - ELEVATOR - 143 GRAND STREET	52-11-A-1850-0
39	A-137	PARTIAL 3RD FLOOR & LOW ROOF PALN - 143 GRAND STREET	52-11-A-1851-0
40	A-140	ELEVATOR #09 & #10 CAB PLANS & ELEVATIONS - 110 MLK BLVD	52-11-A-1852-0
41	A-141	JUDGE ELEVATOR CAB PLANS & ELEVATIONS - 111 MLK BLVD	52-11-A-1853-0
42	A-142	BOARD OF ELECTION ELEVATOR CAB PLANS & ELEVATIONS - 143 GRAND STREET	52-11-A-1854-0
43	A-201	INTERIOR ELEVATIONS - 1ST FLOOR - CENTRAL WING	52-11-A-1855-0
44	A-202	INTERIOR ELEVATIONS - 1ST FLOOR - NORTH WING	52-11-A-1856-0
45	A-203	INTERIOR ELEVATIONS - 2ND FLOOR - CENTRAL WING	52-11-A-1857-0
46	A-204	INTERIOR ELEVATIONS - 2ND FLOOR - NORTH WING	52-11-A-1858-0
47	A-205	INTERIOR ELEVATIONS - 1ST FLOOR - RESTROOMS	52-11-A-1859-0
48	A-206	INTERIOR ELEVATIONS - 2ND FLOOR - RESTROOMS	52-11-A-1860-0
49	A-300	DETAILS	52-11-A-1861-0
50	A-301	CEILING DETAILS	52-11-A-1862-0
51	A-302	FIRESTOPPING DETAILS	52-11-A-1863-0
52	A-303	SIGN SCHEDULE & DETAILS	52-11-A-1864-0
53	A-304	LIGHT FIXTURE & FINISH SCHEDULES	52-11-A-1865-0

## FIRE PROTECTION

No	SHEET No	SHEET NAME	DPW FILE No
1	SP-010	SYMBOLS, ABBREVIATIONS, NOTES, SCHEDULES AND DETAILS	52-11-SP-1866-0
2	SP-030	COMBINATION SPRINKLER/STANDPIPE RISER DIAGRAM	52-11-SP-1867-0
3	SP-102	SPRINKLER PLAN - 1ST FLOOR CENTRAL WING	52-11-SP-1868-0
4	SP-103	SPRINKLER PLAN - 1ST FLOOR NORTH WING	52-11-SP-1869-0
5	SP-104	SPRINKLER PLAN - 2ND FLOOR CENTRAL WING	52-11-SP-1870-0
6	SP-105	SPRINKLER PLAN - 2ND FLOOR NORTH WING	52-11-SP-1871-0

## PLUMBING

No	SHEET No	SHEET NAME	DPW FILE No
1	P-010	SYMBOLS, ABBREVIATIONS AND SCHEDULES	52-11-P-1872-0
2	P-020	DETAILS	52-11-P-1873-0
3	P-030	SANITARY RISER DIAGRAMS	52-11-P-1874-0
4	P-031	DOMESTIC WATER RISER DIAGRAMS	52-11-P-1875-0
5	P-103	PLUMBING PLAN - 1ST FLOOR NORTH WING	52-11-P-1876-0
6	P-104	PLUMBING PLAN - 2ND FLOOR CENTRAL WING	52-11-P-1877-0
7	P-105	PLUMBING PLAN - 2ND FLOOR NORTH WING	52-11-P-1878-0
8	P-130	PARTIAL BASEMENT PLUMBING PLAN - 110 MLK BLVD	52-11-P-1879-0
9	P-133	PARTIAL 1ST FLOOR PLUMBING PLAN - 111 MLK BLVD	52-11-P-1880-0
10	P-137	PARTIAL BASEMNT PLUMBING PLAN - 143 GRAND ST	52-11-P-1881-0

## ENERGY COMPLIANCE

No	SHEET No	SHEET NAME	DPW FILE No
1	EN-010	ENERGY COMPLIANCE	52-11-EN-1882-0
2	EN-011	ENERGY COMPLIANCE	52-11-EN-1883-0
3	EN-012	ENERGY COMPLIANCE	52-11-EN-1884-0

## MECHANICAL

No	SHEET No	SHEET NAME	DPW FILE No
1	M-010	SYMBOLS, ABBREVIATIONS, SCHEDULES, AND NOTES	52-11-M-1885-0
2	M-011	SCHEDULES	52-11-M-1886-0
3	M-020	DETAILS	52-11-M-1887-0
4	M-021	DETAILS	52-11-M-1888-0
5	M-039	CHILLER ROOM MECHANICAL DEMOLITION PLAN	52-11-M-1889-0
6	M-042	1ST FLOOR CENTRAL WING MECHANICAL DEMOLITION PLAN	52-11-M-1890-0
7	M-043	1ST FLOOR NORTH WING MECHANICAL DEMOLITION PLAN	52-11-M-1891-0
8	M-044	2ND FLOOR CENTRAL WING MECHANICAL DEMOLITION PLAN	52-11-M-1892-0
9	M-045	2ND FLOOR NORTH WING MECHANICAL DEMOLITION PLAN	52-11-M-1893-0
10	M-052	1ST FLOOR CENTRAL WING MECHANICAL PIPING DEMOLITION PLAN	52-11-M-1894-0
11	M-053	1ST FLOOR NORTH WING MECHANICAL PIPING DEMOLITION PLAN	52-11-M-1895-0
12	M-054	2ND FLOOR CENTRAL WING MECHANICAL PIPING DEMOLITION PLAN	52-11-M-1896-0
13	M-055	2ND FLOOR NORTH WING MECHANICAL PIPING DEMOLITION PLAN	52-11-M-1897-0
14	M-098	BOILER ROOM MECHANICAL PLAN	52-11-M-1898-0
15	M-099	CHILLER ROOM MECHANICAL PLAN	52-11-M-1899-0
16	M-101	2ND SUBGRADE GARAGE MECHANICAL PLAN	52-11-M-1900-0
17	M-102	1ST FLOOR CENTRAL WING MECHANICAL PLAN	52-11-M-1901-0
18	M-103	1ST FLOOR NORTH WING MECHANICAL PLAN	52-11-M-1902-0
19	M-104	2ND FLOOR CENTRAL WING MECHANICAL PLAN	52-11-M-1903-0
20	M-105	2ND FLOOR NORTH WING MECHANICAL PLAN	52-11-M-1904-0
21	M-106	3RD FLOOR & ROOF MECHANICAL PART PLAN	52-11-M-1905-0
22	M-130	PARTIAL BASEMENT MECHANICAL PLAN - 110 MLK BLVD	52-11-M-1906-0
23	M-131	PARTIAL ROOF MECHANICAL PLAN - ELEVATOR HOISTWAY - 110 MLK BLVD	52-11-M-1907-0
24	M-134	ROOF MECHANICAL PLAN - ELEVATOR MACHINE ROOM - 111 MLK BLVD	52-11-M-1908-0
25	M-136	BASEMENT MECHANICAL PLAN - ELEVATOR - 143 GRAND ST	52-11-M-1909-0
26	M-137	3RD FLOOR & ROOF MECHANICAL PLAN - 143 GRAND ST	52-11-M-1910-0
27	M-202	1ST FLOOR CENTRAL WING MECHANICAL PIPING PLAN	52-11-M-1911-0
28	M-203	1ST FLOOR NORTH WING MECHANICAL PIPING PLAN	52-11-M-1912-0
29	M-204	2ND FLOOR CENTRAL WING MECHANICAL PIPING PLAN	52-11-M-1913-0
30	M-205	2ND FLOOR NORTH WING MECHANICAL PIPING PLAN	52-11-M-1914-0

## ELECTRICAL

No	SHEET No	SHEET NAME	DPW FILE No
1	E-010	SYMBOLS, ABBREVIATIONS, SCHEDULES AND NOTES	52-11-E-1915-0
2	E-020	DETAILS	52-11-E-1916-0
3	E-030	PANEL SCHEDULE AND RISER DIAGRAM	52-11-E-1917-0
4	E-098	ELECTRICAL PLAN - BOILER ROOM	52-11-E-1918-0
5	E-099	ELECTRICAL PLAN - CHILLER PLANT	52-11-E-1919-0
6	E-102	ELECTRICAL PLAN - 1ST FLOOR CENTRAL WING	52-11-E-1920-0
7	E-103	ELECTRICAL PLAN - 1ST FLOOR NORTH WING	52-11-E-1921-0
8	E-104	ELECTRICAL PLAN - 2ND FLOOR CENTRAL WING	52-11-E-1922-0
9	E-105	ELECTRICAL PLAN - 2ND FLOOR NORTH WING	52-11-E-1923-0
10	E-106	ELECTRICAL PLAN - ROOF	52-11-E-1924-0
11	E-130	ELECTRICAL PLAN - BASEMENT L3 ELEVATOR - 110 MLK BLVD	52-11-E-1925-0
12	E-133	ELECTRICAL PLAN - COURT HOUSE JUDGE'S ELEVATOR - 111 MLK BLVD	52-11-E-1926-0
13	E-135	ELECTRICAL PLAN - COURT HOUSE ROOF - 111 MLK BLVD	52-11-E-1927-0
14	E-137	ELECTRICAL PLAN - 143 GRAND STREET BASEMENT	52-11-E-1928-0
15	E-138	ELECTRICAL PLAN - 143 GRAND ST 3RD FLOOR & LOW ROOF	52-11-E-1929-0
16	E-202	ELECTRICAL LIGHTING PLAN - 1ST FLOOR CENTRAL WING	52-11-E-1930-0
17	E-203	ELECTRICAL LIGHTING PLAN - 1ST FLOOR NORTH WING	52-11-E-1931-0
18	E-204	ELECTRICAL LIGHTING PLAN - 2ND FLOOR CENTRAL WING	52-11-E-1932-0
19	E-205	ELECTRICAL LIGHTING PLAN - 2ND FLOOR NORTH WING	52-11-E-1933-0

## FIRE ALARM

No	SHEET No	SHEET NAME	DPW FILE No
1	FA-010	FIRE ALARM SYMBOLS, ABBREVIATIONS, SCHEDULES & NOTES	52-11-FA-1934-0
2	FA-102	FIRE ALARM PLAN - 1ST FLOOR CENTRAL WING	52-11-FA-1935-0
3	FA-104	FIRE ALARM PLAN - 2ND FLOOR CENTRAL WING	52-11-FA-1936-0
4	FA-105	FIRE ALARM PLAN - 2ND FLOOR NORTH WING	52-11-FA-1937-0
5	FA-130	FIRE ALARM PLAN - BASEMENT L3 CENTRAL WING ELEVATOR	52-11-FA-1938-0
6	FA-131	FIRE ALARM PLAN - ROOF PLAN - 110 MLK BLVD	52-11-FA-1939-0
7	FA-135	FIRE ALARM PLAN - COURT HOUSE ROOF PLAN - 111 MLK BLVD	52-11-FA-1940-0
8	FA-137	FIRE ALARM PLAN - 143 GRAND STREET BASEMENT	52-11-FA-1941-0
9	FA-138	FIRE ALARM PLAN - 143 GRAND ST 3RD FLOOR AND LOW ROOF	52-11-FA-1942-0

## ASBESTOS ABATEMENT/ENVIRONMENTAL

No	SHEET No	SHEET NAME	DPW FILE No
1	AA-001	WORK PROCEDURES, ABATEMENT SCHEDULE & DETAIL	52-11-AB-1943-0
2	AA-002	FIRST FLOOR ASBESTOS ABATEMENT PLAN	52-11-AB-1944-0
3	AA-003	SECOND FLOOR ASBESTOS ABATEMENT PLAN	52-11-AB-1945-0

	CONSULTANT INFORMATION <b>Graff &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989		
	REVISION NUMBER    DATE    MADE BY    APP'D BY    REVISION		
RECORD DRAWING CERTIFICATION <input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR BOULEVARD WHITE PLAINS, NEW YORK			CONTRACT NUMBER <b>20-502</b> SHEET NO.    2    OF 133 SHEET NUMBER <b>T-002</b> SCALE: DATE: 01-19-2024    Issue Date DPW FILE NO.    REV NO. 52-11-G-1814-0
DRAWING LIST			

**2020 EXISTING BUILDING CODE OF NEW YORK STATE - ANALYSIS**

**CHAPTER 3 PROVISIONS FOR ALL COMPLIANCE METHODS**

**SECTION 301 ADMINISTRATION**

**301.1 GENERAL**

**301.1.2 WORK AREA COMPLIANCE METHOD**

REPAIRS, ALTERATIONS, ADDITIONS, CHANGES IN OCCUPANCY AND RELOCATED BUILDINGS COMPLYING WITH THE APPLICABLE REQUIREMENTS OF CHAPTERS 5 THROUGH 13 OF THIS CODE SHALL BE CONSIDERED IN COMPLIANCE WITH THE PROVISIONS OF THIS CODE.

**SECTION 305 ACCESSIBILITY FOR EXISTING BUILDINGS**

**305.1 SCOPE**

THE PROVISIONS OF SECTIONS 305.1 THROUGH 305.9 APPLY TO MAINTENANCE, CHANGE OF OCCUPANCY, ADDITIONS AND ALTERATIONS TO EXISTING BUILDINGS, INCLUDING THOSE IDENTIFIED AS HISTORIC BUILDINGS.

**NO CHANGE TO USE, EGRESS AND OCCUPANCY**  
**PROJECT INCLUDES PROVIDING NEW FLOOR, WALL, AND CEILING FINISHES AND REPLACING PLUMBING FIXTURES AND ACCESSORIES AND LIGHTING FIXTURES.**

**305.7 ALTERATIONS AFFECTING AN AREA CONTAINING A PRIMARY FUNCTION**

WHERE AN ALTERATION AFFECTS THE ACCESSIBILITY TO, OR CONTAINS AN AREA OF PRIMARY FUNCTIONS, THE ROUTE TO THE PRIMARY FUNCTION AREA SHALL BE ACCESSIBLE. THE ACCESSIBLE ROUTE TO THE PRIMARY FUNCTION AREA SHALL INCLUDE TOILET FACILITIES AND DRINKING FOUNTAINS SERVING THE AREA OF PRIMARY FUNCTION.

**NO CHANGE TO PRIMARY FUNCTIONS.**

**CHAPTER 6: CLASSIFICATION OF WORK**

**SECTION 601 GENERAL**

**601.2 WORK AREA**

LOW RISE BUILDING PARTIAL 1ST & 2ND FLOOR RENOVATION  
WORK AREA 1ST FLOOR = 12,130 S.F.  
WORK AREA 2ND FLOOR = 13,650 S.F.

**SECTION 602 ALTERATION - LEVEL 1**

**602.1 SCOPE**

LEVEL 1 ALTERATIONS INCLUDE THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES USING NEW MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES THAT SERVE THE SAME PURPOSE.

**PROJECT INCLUDES REPLACING CEILING, WALL, AND FLOOR FINISHES, PLUMBING FIXTURES, AND LIGHTING FIXTURES.**  
**ALTERATION LEVEL 1 APPLIES**

**SECTION 603 ALTERATION - LEVEL 2**

**603.1 SCOPE**

LEVEL 2 ALTERATIONS INCLUDE THE RECONFIGURATION OF SPACE, THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW THE RECONFIGURATION OR EXTENSION OF ANY SYSTEM, OR THE INSTALLATION OF ANY ADDITIONAL EQUIPMENT

**PROJECT INCLUDES INSTALLING NEW VAV BOXES AND PROVIDING A SPRINKLER SYSTEM.**  
**NO CHANGE TO WALL LAYOUT, DOORS OR WINDOWS.**  
**ALTERATION LEVEL 2 APPLIES**  
**ALTERATION LEVEL 3 DO NOT APPLY**

**CHAPTER 7: ALTERATIONS - LEVEL 1**

**SECTION 701 GENERAL**

**701.1 SCOPE**

LEVEL 1 ALTERATION AS DESCRIBED IN SECTION 602 SHALL COMPLY WITH THE REQUIREMENTS OF THIS CHAPTER.

**SECTION 702 BUILDING ELEMENTS AND MATERIALS**

**702.1 INTERIOR FINISHES**

NEWLY INSTALLED INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE BUILDING CODE OF NEW YORK STATE.

**PROJECT INCLUDES PROVIDING NEW CEILING FINISHES OF ENTIRE FIRST AND SECOND FLOOR AND PORTION OF WALL FINISHES AS PER THE CONSTRUCTION DOCUMENTS AND SHALL COMPLY WITH CHAPTER 8.**

**702.2 INTERIOR FLOOR FINISH**

NEW INTERIOR FLOOR FINISH, INCLUDING NEW CARPETING USED AS AN INTERIOR FLOOR FINISH MATERIAL, SHALL COMPLY WITH SECTION 804 OF THE BUILDING CODE OF NEW YORK STATE.

**PROJECT INCLUDES PROVIDING NEW FLOOR FINISHES AS PER THE CONSTRUCTION DOCUMENTS AND SHALL COMPLY WITH SECTION 804.**

**SECTION 703 FIRE PROTECTION**

**703.1 GENERAL**

ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF FIRE PROTECTION PROVIDED.

**PROJECT INCLUDES NEW AUTOMATIC SPRINKLER SYSTEM INSTALLATION.**

**SECTION 704 MEANS OF EGRESS**

**704.1 GENERAL**

ALTERATION SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF PROTECTION PROVIDED FOR THE MEANS OF EGRESS.

**NO CHANGE TO USE, EGRESS AND OCCUPANCY.**

**[NY] SECTION 708 PLUMBING**

**708.1 WATER CLOSET REPLACEMENT**

WHEN ANY WATER CLOSET IS REPLACED, THE REPLACEMENT WATER CLOSET SHALL COMPLY WITH SECTION 604.4 OF THE PLUMBING CODE OF NEW YORK STATE.

**PROJECT INCLUDES REPLACING WATER CLOSETS AND SHALL COMPLY WITH SECTION 604.4.**

**CHAPTER 8: ALTERATIONS - LEVEL 2**

**SECTION 801 GENERAL**

**801.1 SCOPE**

LEVEL 2 ALTERATIONS AS DESCRIBED IN SECTION 603 SHALL COMPLY WITH THE REQUIREMENTS OF THIS CHAPTER.

**801.2 ALTERATION LEVEL 1 COMPLIANCE**

IN ADDITION TO THE REQUIREMENTS OF THIS CHAPTER, ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 7.

**801.3 COMPLIANCE**

NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE.

EXCEPTIONS:  
4. THE MINIMUM CEILING HEIGHT OF THE NEWLY CREATED HABITABLE AND OCCUPIABLE SPACES AND CORRIDORS SHALL BE 7 FEET.  
**ACTUAL MINIMUM CEILING HEIGHT IS 8 FEET - COMPLIES**

**SECTION 802 BUILDING ELEMENTS AND MATERIALS**

**802.1 SCOPE**

THE REQUIREMENTS OF THIS SECTION ARE LIMITED TO WORK AREAS IN WHICH LEVEL 2 ALTERATIONS ARE BEING PERFORMED AND SHALL APPLY BEYOND THE WORK AREA WHERE SPECIFIED.

**802.2 VERTICAL OPENINGS**

EXISTING VERTICAL OPENINGS SHALL COMPLY WITH THE PROVISIONS OF SECTIONS 802.2.1.

**802.2.1 EXISTING VERTICAL OPENINGS**

EXISTING INTERIOR VERTICAL OPENINGS CONNECTING TWO OR MORE FLOORS SHALL BE ENCLOSED WITH APPROVED ASSEMBLIES HAVING A FIRE-RESISTANCE RATING OF NOT LESS THAN 1 HOUR WITH APPROVED OPENING PROTECTIVES.

**NEW ELEVATION SMOKE VENTS MAINTAIN 1 HOUR FIRE RESISTANCE.**

**802.4 INTERIOR FINISH**

THE INTERIOR FINISH OF WALLS AND CEILINGS IN EXITS AND CORRIDORS IN ANY WORK AREA SHALL COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE.

**NEW INTERIOR FINISH OF FLOORS, WALLS AND CEILING WILL BE INSTALLED AS PER THE CONSTRUCTION DOCUMENTS AND IN COMPLIANCE WITH NYS BUILDING CODE.**

**SECTION 803 FIRE PROTECTION**

**803.1 SCOPE**

THE REQUIREMENTS OF THIS SECTION SHALL BE LIMITED TO WORK AREAS IN WHICH LEVEL 2 ALTERATIONS ARE BEING PERFORMED, AND WHERE SPECIFIED THEY SHALL APPLY THROUGHOUT THE FLOOR ON WHICH THE WORK AREAS ARE LOCATED OR OTHERWISE BEYOND THE WORK AREA.

**803.2 AUTOMATIC SPRINKLER SYSTEMS**

AUTOMATIC SPRINKLER SYSTEMS SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 803.2.1 THROUGH 803.2.4. INSTALLATION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE BUILDING CODE OF NEW YORK STATE.

**NEW SPRINKLER SYSTEM IS PROVIDED IN ACCORDANCE WITH SECTIONS 803.2.1 THROUGH 803.2.4.**

**803.2.2 GROUP B**

IN BUILDING IN OCCUPANCY GROUP 'B', WORK AREAS THAT HAVE EXITS OR CORRIDORS SHARED BY MORE THAN ONE TENANT OR THAT HAVE EXITS OR CORRIDORS SERVING AN OCCUPANT LOAD GREATER THAN 30 SHALL BE PROVIDED WITH AUTOMATIC SPRINKLER PROTECTIONS WHERE BOTH OF THE FOLLOWING CONDITIONS OCCUR:

1. THE WORK AREA IS REQUIRED TO BE PROVIDED WITH AUTOMATIC SPRINKLER PROTECTION IN ACCORDANCE WITH THE BUILDING CODE OF NEW YORK STATE AS APPLICABLE TO NEW CONSTRUCTION
2. THE WORK AREA EXCEEDS 50% OF THE FLOOR AREA

**PROJECT INCLUDES NEW AUTOMATIC SPRINKLER SYSTEM THROUGHOUT THE ENTIRE FIRST AND SECOND FLOOR.**

**803.4 FIRE ALARM AND DETECTION**

AN APPROVED FIRE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH SECTIONS 803.4.1 THROUGH 803.4.3. WHERE AUTOMATIC SPRINKLER PROTECTION IS PROVIDED IN ACCORDANCE WITH SECTION 803.2 AND IS CONNECTED TO THE BUILDING FIRE ALARM SYSTEM, AUTOMATIC HEAT DETECTION SHALL NOTE BE REQUIRED.

AN APPROVED AUTOMATIC FIRE DETECTION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THIS CODE AND NFPA 72. DEVICES, COMBINATIONS OF DEVICES, APPLIANCES, AND EQUIPMENT SHALL BE APPROVED. THE AUTOMATIC FIRE DETECTORS SHALL BE SMOKE DETECTORS, EXCEPT THAT AN APPROVED ALTERNATIVE TYPE OF DETECTOR SHALL BE INSTALLED IN SPACES SUCH AS BOILER ROOMS, WHERE PRODUCTS OF COMBUSTION ARE PRESENT DURING NORMAL OPERATION IN SUFFICIENT QUANTITY TO ACTUATE A SMOKE DETECTOR.

**EXISTING FIRE ALARM SYSTEM PROVIDED.**

**SECTION 805 MEANS OF EGRESS**

**805.1 SCOPE**

THE REQUIREMENTS OF THIS SECTION SHALL BE LIMITED TO WORK AREAS THAT INCLUDE EXITS OR CORRIDORS SHARED BY MORE THAN ONE TENANT WITHIN THE WORK AREA IN WHICH LEVEL 2 ALTERATIONS ARE BEING PERFORMED, AND WHERE SPECIFIED THEY SHALL APPLY THROUGHOUT THE FLOOR ON WHICH THE WORK AREAS ARE LOCATED OR OTHERWISE BEYOND THE WORK AREA.

**NOT APPLICABLE - PROJECT DOES NOT INCLUDE THE RECONFIGURATION OF SPACE, THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW.**

**SECTION 807 ELECTRICAL**

**807.1 NEW INSTALLATIONS**

NEWLY INSTALLED ELECTRICAL EQUIPMENT AND WIRING RELATING TO WORK DONE IN ANY WORK AREA SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF NFPA 70 EXCEPT AS PROVIDED FOR IN SECTION 807.3.

**NEW ELECTRICAL WORK COMPLIES WITH SECTION 807.3.**

**SECTION 808 MECHANICAL**

**808.2 ALTERED EXISTING SYSTEMS**

IN MECHANICALLY VENTILATED SPACES, EXISTING MECHANICAL VENTILATION SYSTEMS THAT ARE ALTERED, RECONFIGURED, OR EXTENDED SHALL PROVIDE NOT LESS THAN 5 CUBIC FEET PER MINUTE (CFM) (0.0024 M3/S) PER PERSON OF OUTDOOR AIR AND NOT LESS THAN 15 CFM (0.0071 M3/S) OF VENTILATION AIR PER PERSON; OR NOT LESS THAN THE AMOUNT OF VENTILATION AIR DETERMINED BY THE INDOOR AIR QUALITY PROCEDURE OF ASHRAE 62.1.

**NEW MECHANICAL WORK COMPLIES WITH ASHRAE 62.1.**

**SECTION 809 PLUMBING**

**809.1 MINIMUM FIXTURES**

WHERE THE OCCUPANT LOAD OF THE STORY IS INCREASED BY MORE THAN 20 PERCENT, PLUMBING FIXTURES FOR THE STORY SHALL BE PROVIDED IN QUANTITIES SPECIFIED IN THE PLUMBING CODE OF NEW YORK STATE BASED ON THE INCREASED OCCUPANT LOAD.

**NO CHANGE IN OCCUPANT LOAD.**  
**PROJECT INCLUDES REPLACING PLUMBING FIXTURES.**  
**PLUMBING FIXTURES HAVE BEEN PROVIDED AS PER THE REQUIREMENTS OF THE NEW YORK STATE PLUMBING CODE.**  
**SEE CALCULATIONS AND TOTAL NUMBER OF FIXTURES ON THIS SHEET.**

**SECTION 810 ENERGY CONSERVATION**

**810.1 MINIMUM REQUIREMENTS**

LEVEL 2 ALTERATIONS OF EXISTING BUILDINGS OR STRUCTURES ARE PERMITTED WITHOUT REQUIRING THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE AS THEY RELATE TO NEW CONSTRUCTION ONLY.

**NEW INSULATION AT GARAGE CEILING COMPLIES WITH ASHRAE 90.1.2016 FOR NON RESIDENTIAL MASS FLOORS.**

**2020 BUILDING CODE OF NEW YORK STATE - ANALYSIS**

**CHAPTER 3 USE AND OCCUPANCY CLASSIFICATION**

**304.1 BUSINESS GROUP B:**

CIVIC ADMINISTRATION - WESTCHESTER COUNTY CLERK OFFICES

**CHAPTER 10: MEANS OF EGRESS**

**SECTION 1003 GENERAL MEANS OF EGRESS**

**1003.2 CEILING HEIGHT**

THE MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7 FEET 6 INCHES ABOVE THE FINISHED FLOOR.

**ACTUAL MINIMUM CEILING HEIGHT: 8 FEET - COMPLIES**

**1003.3.1 HEADROOM**

PROTRUDING OBJECTS ARE PERMITTED TO EXTEND BELOW THE MINIMUM CEILING HEIGHT REQUIRED BY SECTION 1003.2 WHERE A MINIMUM HEADROOM OF 80 INCHES (2032 MM) IS PROVIDED OVER ANY WALKING SURFACE, INCLUDING WALKS, CORRIDORS, AISLES AND PASSAGEWAYS, NOT MORE THAN 50 PERCENT OF THE CEILING AREA OF A MEANS OF EGRESS SHALL BE REDUCED IN HEIGHT BY PROTRUDING OBJECTS.

**ACTUAL LIGHT FIXTURE MIN. HEIGHT = 8 FEET - COMPLIES**

**1003.3.3 HORIZONTAL PROJECTIONS**

OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES (685 MM) AND NOT MORE THAN 80 INCHES (2030 MM) ABOVE THE FLOOR SHALL NOT PROJECT HORIZONTALLY MORE THAN 4 INCHES (102 MM) INTO THE CIRCULATION PATH.

**1004.1.2 AREAS WITHOUT FIXED SEATING**

THE NUMBER OF OCCUPANTS SHALL BE COMPUTED AT THE RATE OF ONE OCCUPANT PER UNIT OF AREA AS PRESCRIBED IN TABLE 1004.5.

**BUSINESS - 150SF GROSS**  
**1ST FLOOR 12,780 SF ÷ 150 = 85.2 PEOPLE**  
**TOTAL OCCUPANCY = 86**  
**NO CHANGE IN USE EGRESS & OCCUPANCY**

**BUSINESS - 150SF GROSS**  
**2ST FLOOR 14,600 SF ÷ 150 = 97.3 PEOPLE**  
**TOTAL OCCUPANCY = 98**  
**NO CHANGE IN USE EGRESS & OCCUPANCY**

**1005.3.2 OTHER EGRESS COMPONENTS**

THE CAPACITY, IN INCHES, OF MEANS OF EGRESS COMPONENTS OTHER THAN STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH COMPONENT BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.3 INCHES PER OCCUPANT.

**SEE DIAGRAM 1 & 2 / G-002**

**1005.5 DISTRIBUTION OF MINIMUM WIDTH AND REQUIRED CAPACITY**

WHERE MORE THAN ONE EXIT, OR ACCESS TO MORE THAN ONE EXIT, IS REQUIRED, THE MEANS OF EGRESS SHALL BE CONFIGURED SUCH THAT THE LOSS OF ANY ONE EXIT, OR ACCESS TO ONE EXIT, SHALL NOT REDUCE THE AVAILABLE CAPACITY OR WIDTH TO LESS THAN 50 PERCENT OF THE REQUIRED CAPACITY OR WIDTH.

**FOUR EXISTING EXITS DISTRIBUTED PROPORTIONALLY ALONG THE FLOOR = 25% EACH - COMPLIES**

**1006.2.1 EGRESS BASED ON OCCUPANT LOAD AND COMMON PATH OF EGRESS TRAVEL DISTANCE**

TWO EXITS OR EXIT ACCESS DOORWAYS FROM ANY SPACE SHALL BE PROVIDED WHERE THE DESIGN OCCUPANT LOAD OR THE COMMON PATH OF EGRESS TRAVEL DISTANCE EXCEEDS THE VALUES LISTED IN TABLE 1006.2.1.

**TABLE 106.2.1 SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY**  
**B - MAX. OCCUPANCY WITH ONE EXIT = 49**  
**ACTUAL MAX. OCCUPANCY WITH ONE EXIT = 10 - COMPLIES**  
**MAX. COMMON TRAVEL DISTANCE = 100' IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM**  
**THE VALUES OF TABLE 1006.2.1 ARE NOT EXCEEDED. SEE DIAGRAM 1 / G-002**

**1009.1 ACCESSIBLE MEANS OF EGRESS**

PER EXCEPTION 1: ACCESSIBLE MEANS OF EGRESS ARE NOT REQUIRED TO BE PROVIDED IN EXISTING BUILDINGS.

**1010.1.1 SIZE OF DOORS**

THE REQUIRED CAPACITY OF EACH DOOR OPENING SHALL BE SUFFICIENT FOR THE OCCUPANT LOAD THEREOF AND SHALL PROVIDE A MINIMUM CLEAR WIDTH OF 32 INCHES (813 MM), CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES (1.57 RAD), WHERE THIS SECTION REQUIRES A MINIMUM CLEAR WIDTH OF 32 INCHES (813 MM) AND A DOOR OPENING INCLUDES TWO DOOR LEAVES WITHOUT A MULLION, ONE LEAF SHALL PROVIDE A CLEAR OPENING WIDTH OF 32 INCHES (813 MM).

**SEE DIAGRAM 1 & 2 / G-002**

**SECTION 1013 - EXIT SIGNS**

**1013.1 WHERE REQUIRED**

EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. THE PATH OF EGRESS TRAVEL TO EXITS AND WITHIN EXITS SHALL BE MARKED BY READILY VISIBLE EXIT SIGNS TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL IN CASES WHERE THE EXIT OR THE PATH OF EGRESS TRAVEL IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS. INTERVENING MEANS OF EGRESS DOORS WITHIN EXITS SHALL BE MARKED BY EXIT SIGNS. EXIT SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN AN EXIT ACCESS CORRIDOR OR EXIT PASSAGEWAY IS MORE THAN 100 FEET (30 480 MM) OR THE LISTED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN.

**1017 TRAVEL DISTANCE**

TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE WITH SPRINKLER SYSTEM = 300'  
**ACTUAL FARTHEST TRAVEL = 206' - COMPLIES**  
**SEE DIAGRAM 1 / G-002**

**1020 CORRIDORS**

1020.1 CONSTRUCTION  
CORRIDORS SHALL BE FIRE-RESISTANCE RATED IN ACCORDANCE WITH TABLE 1020.1.

**TABLE 1020.1**

**FOR 'B' OCCUPANCY WITH OCCUPANT LOAD GREATER THAN 30, WITH SPRINKLER SYSTEM: 0 HOUR FIRE RATING IS REQUIRED.**  
**SEE DIAGRAM 1 / G-002**

**1020.2 WIDTH AND CAPACITY**

THE REQUIRED CAPACITY OF CORRIDORS SHALL BE DETERMINED AS SPECIFIED IN SECTION 1005.1 BUT THE MINIMUM SHALL NOT BE LESS THAN TABLE 1020.2

**TABLE 1020.2**

OCCUPANCY GROUP B : 44 INCHES

**ACTUAL MINIMUM WIDTH IS 54"**  
**SEE DIAGRAM 1 / G-002**

**SECTION 29 PLUMBING SYSTEMS (PER TABLE 2902.1)**

**1ST FLOOR REQUIRED PLUMBING FIXTURES**

**• WATER CLOSET**  
1 PER 25 FOR THE FIRST 50  
1 PER 50 FOR THE REMAINDER  
MALE REQUIRED: 2 = (25+18=43)  
**MALE PROVIDED: 2**  
FEMALE REQUIRED: 2 = (25+18=43)  
**FEMALE PROVIDED: 2**

**• LAVATORIES**  
1 PER 40 FOR THE FIRST 80  
1 PER 80 FOR THE REMAINDER  
MALE REQUIRED: 2 = (40+3=43)  
**MALE PROVIDED: 2**  
FEMALE REQUIRED: 2 = (40+3=43)  
**FEMALE PROVIDED: 2**

**2ND FLOOR REQUIRED PLUMBING FIXTURES**

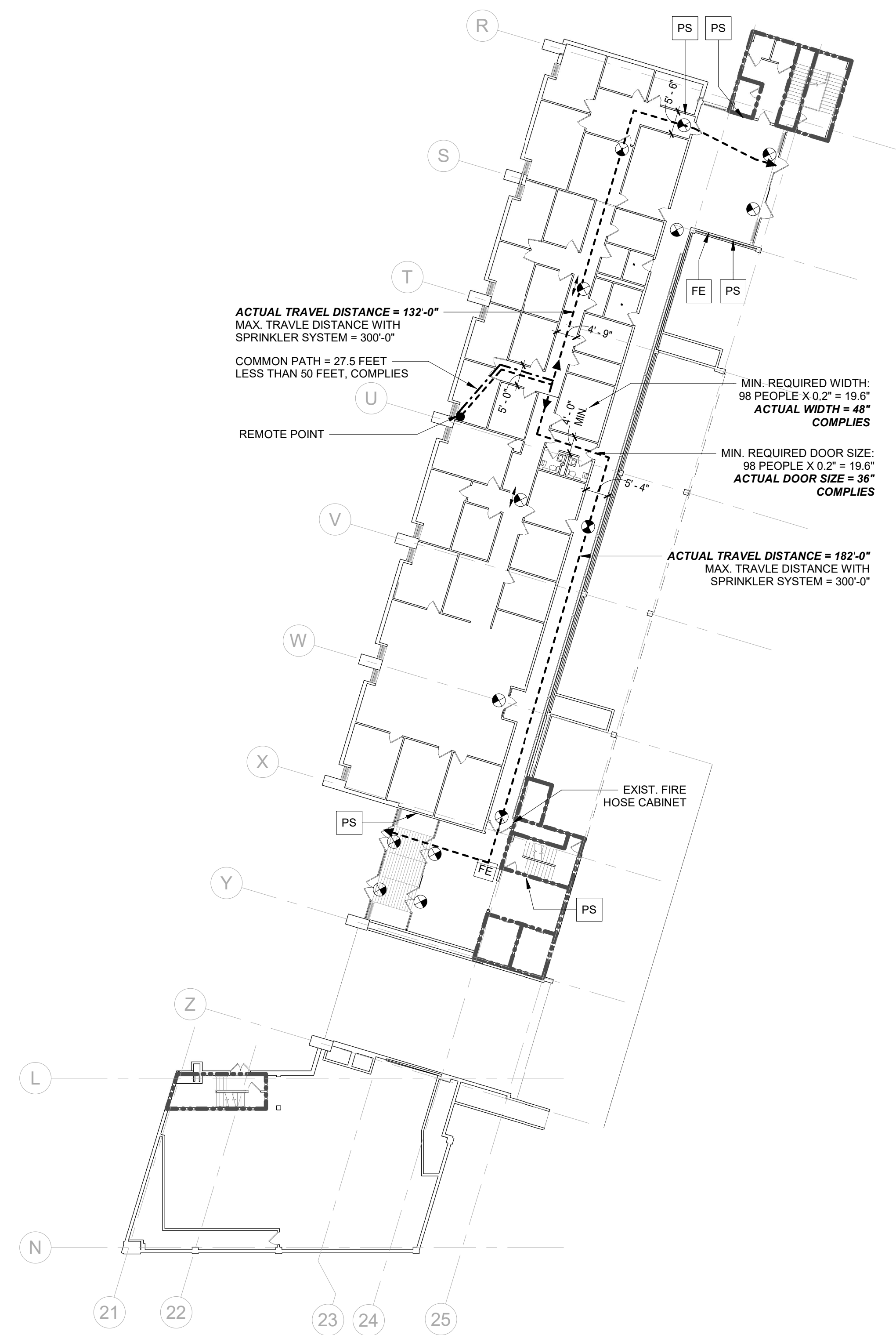
**• WATER CLOSET**  
1 PER 25 FOR THE FIRST 50  
1 PER 50 FOR THE REMAINDER  
MALE REQUIRED: 2 = (25+24=49)  
**MALE PROVIDED: 2**  
FEMALE REQUIRED: 2 = (25+24=49)  
**FEMALE PROVIDED: 3**

**• LAVATORIES**  
1 PER 40 FOR THE FIRST 80  
1 PER 80 FOR THE REMAINDER  
MALE REQUIRED: 2 = (40+3=43)  
**MALE PROVIDED: 3**  
FEMALE REQUIRED: 2 = (40+3=43)  
**FEMALE PROVIDED: 2**

**• PROVIDED UNISEX RESTROOMS = 3**  
**PROVIDED WATER CLOSET: 3**  
**PROVIDED LAVATORIES: 3**

LOCATION	WATER CLOSETS		LAVATORIES	
	REQUIRED	PROVIDED	REQUIRED	PROVIDED
1ST FL MALE	2	2	2	2
1ST FL FEMALE	2	2	2	2
2ND FL MALE	2	2	2	3
2ND FL FEMALE	2	3	2	2
2ND FL UNISEX		3		3

CONSULTANT SEAL 	CONSULTANT INFORMATION <b>Graf &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989			
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<b>RECORD DRAWING CERTIFICATION</b>				
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING				CONTRACT NUMBER 20-502 SHEET NO. 3 OF 133 SHEET NUMBER <b>G-001</b>
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK				SCALE: DATE: 01-19-2024 Issue Date DPW FILE NO. REV NO. 52-11-G-1815-0
<b>CODE ANALYSIS</b>				



**1** EGRESS & FIRE RATING PLAN - 1ST FLOOR  
1" = 20'-0"

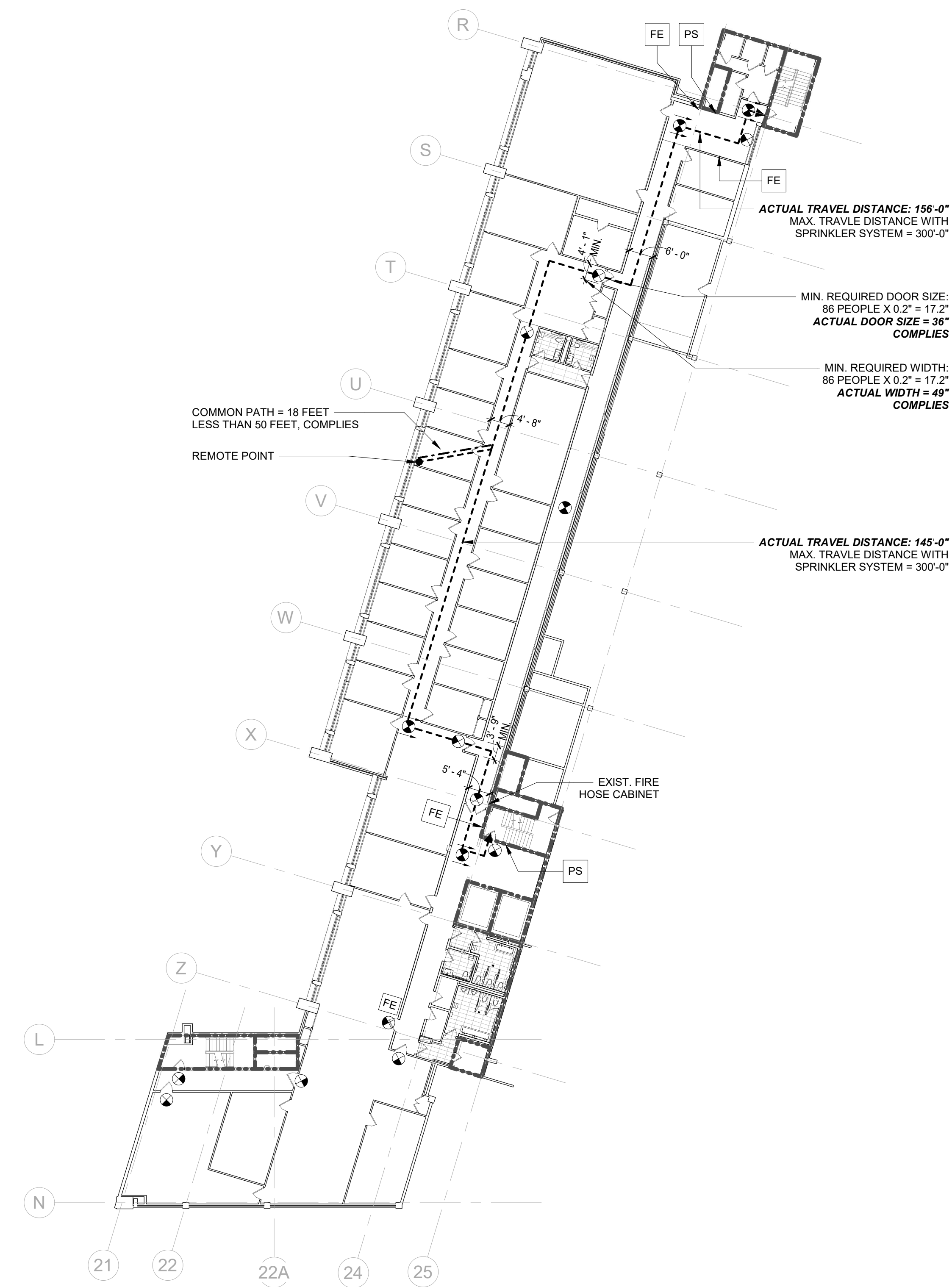
[F]TABLE 906.3(1) FIRE EXTINGUISHERS FOR CLASS A FIRE HAZARDS  
LIGHT (LOW) HAZARD OCCUPANCY

MINIMUM RATED SINGLE EXTINGUISHER 2-AC

MAXIMUM FLOOR AREA PER UNIT OF A 3,000 SQUARE FEET

MAXIMUM FLOOR AREA FOR EXTINGUISHER 11,250 SQUARE FEET

MAXIMUM DISTANCE OF TRAVEL TO EXTINGUISHER 75 FEET



**2** EGRESS & FIRE RATING PLAN - 2ND FLOOR  
1" = 20'-0"

EGRESS PLAN LEGEND	
SYMBOL	DESCRIPTION
-----	PATH OF TRAVEL TO NEAREST EXIT
←-----→	POINT WHERE AN OCCUPANT HAS A CHOICE OF TWO PATHS OF EGRESS TRAVEL TO TWO EXITS
-----	1 HR FIRE RATED WALL
-----	2 HR FIRE RATED WALL
⊙ ⊙ ⊙	EXIT SIGN
FE	FIRE EXTINGUISHER
PS	PULL STATION

**NOTE:**  
MAINTAIN CLEAR ACCESS TO EXITS AS SHOWN & REQUIRED AND MAINTAIN OPERATION OF FIRE ALARM SYSTEM AT ALL TIMES.

	CONSULTANT INFORMATION			
	<p align="center"><b>Graf &amp; Lewent</b> Architects LLP</p> <p align="center">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>			
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER <b>G-002</b>	
DIVISION OF ENGINEERING		SHEET NO. 4	OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: As indicated	DATE: 01-19-2024	Issue Date
EGRESS AND FIRE RATING		DPW FILE NO. 52-11-G-1816-0	REV NO.	

**CONSTRUCT TEMPORARY TAX ASSESSOR'S OFFICE (SEE DWG. G-004)**

RELOCATE FURNITURE AS DIRECTED BY THE COUNTY TO FIRST FLOOR TEMPORARY TAX OFFICE. REINSTALL ALL FURNITURE AND EQUIPMENT AT 2ND FLOOR AFTER COMPLETION OF 2ND FLOOR WORK.

MAINTAIN ACCESS TO PUBLIC SAFETY FILE ROOM AT ALL TIMES

**1 PHASE I - 2ND FLOOR**  
1/16" = 1'-0"

**ALL WORK AS DESCRIBED IN CONTRACT DOCUMENTS**

PHASING PLAN LEGEND	
SYMBOL	DESCRIPTION
	TEMPORARY PARTITION FOR EGRESS DURING CORRIDOR RENOVATION
	EXIT

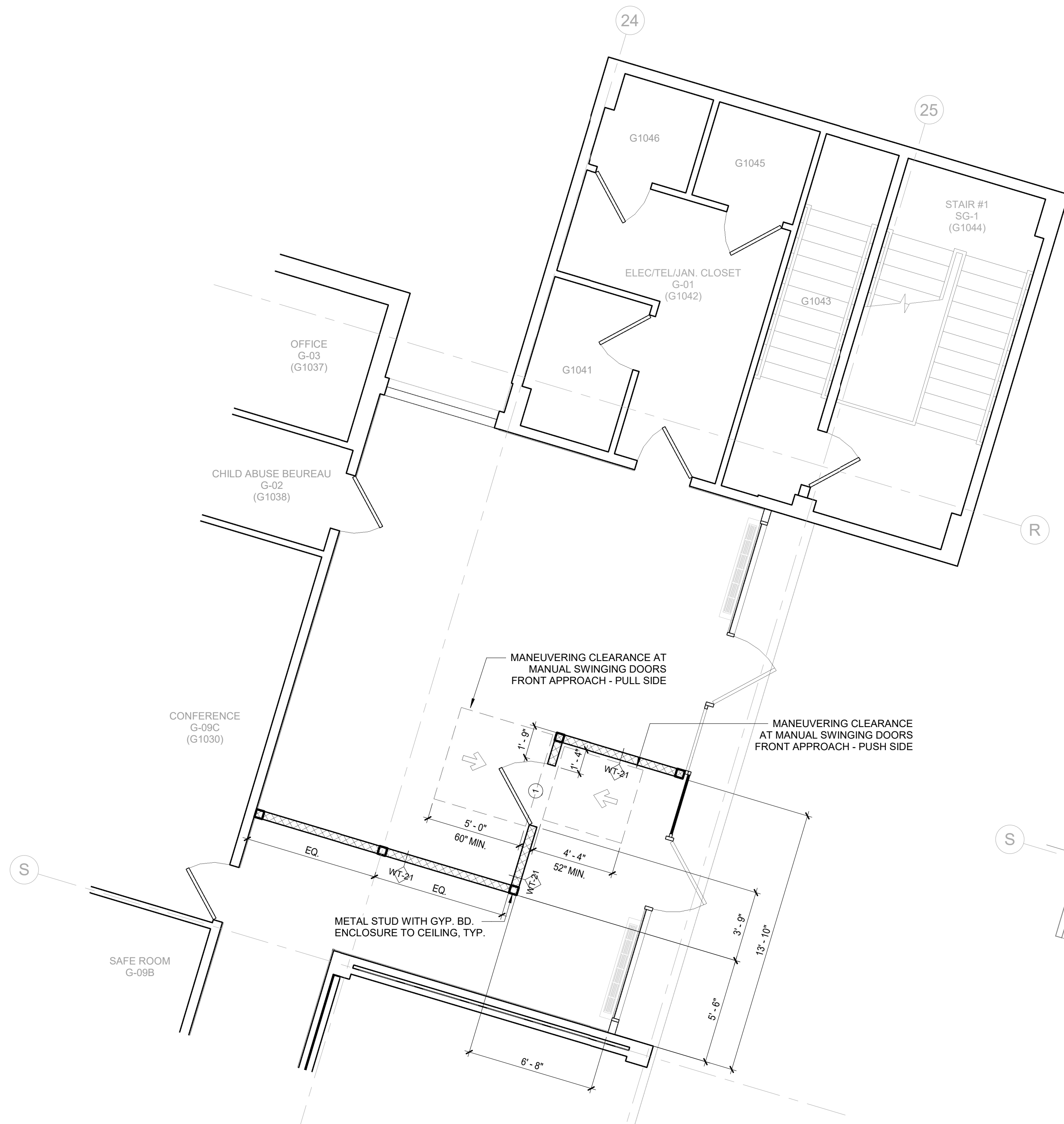
- GENERAL NOTES:
- THE CONTRACTOR PRIOR TO START OF ANY FIELD WORK, SHALL PREPARE LOGISTICS PLAN SHOWING THE FOLLOWING:
    - DUST MITIGATION
    - PROCEDURE FOR NEGATIVE AIR AND HEPA FANS WITH EXTERIOR EXHAUST IN ORDER PREVENT CONTAMINATION OF ADJACENT WORK AREA.
    - INGRESS AND EGRESS PATHS FOR CONSTRUCTION DEBRIS, WORKERS AND MATERIALS.
    - NOISE PLAN IN ORDER TO AVOID DISRUPTION TO ADJACENT OCCUPIED AREAS.
    - CONSTRUCTION WALLS, DOORS AND STICKY MATS AT CONSTRUCTION ENTRANCES.
    - TEMPORARY SIGNAGE TO DIRECT TRAFFIC AND EGRESS.
  - EGRESS PATH TO EXISTING EXITS TO BE MAINTAINED DURING CONSTRUCTION.
  - ABATEMENT OF ASBESTOS CONTAINING FLOORING MATERIAL MUST BE PERFORMED IN ADVANCE OF CONSTRUCTION OF AFFECTED AREAS IN EACH PHASE.
  - RETOUCH ALL REMAINING DAMAGED WORK RESULTING FROM PHASING OF CONSTRUCTION IN ENTIRE FLOOR.
  - CONTRACTOR SHALL ASSUME A 2-WEEK INTERVAL BETWEEN PHASES TO RELOCATE STAFF AND EQUIPMENT.
  - ALL ELEVATOR RENOVATIONS IN 110 MLK, 111 MLK, AND 143 GRAND STREET TO OCCUR CONCURRENTLY WITH PHASE I.
  - SWING SPACE TO BE LOCATED IN BASEMENT, 85 COURT STREET. PROVIDE & MAINTAIN 4 PORTABLE AIR PURIFIERS FOR SWING SPACE DURING THE ENTIRE PROJECT.
  - MAINTAIN ALL HVAC SERVICES TO THE OCCUPIED SECTIONS.
  - ALL WORK REQUIRED IN GARAGE TO BE SCHEDULED WITH THE COUNTY.
  - WORK SHOWN ON ENGINEERING DRAWINGS TO BE COORDINATED WITH THIS PHASING PLAN.

- PHASING PLAN KEY NOTES:
- ONE ELEVATOR TO REMAIN IN OPERATION AT ALL TIMES.

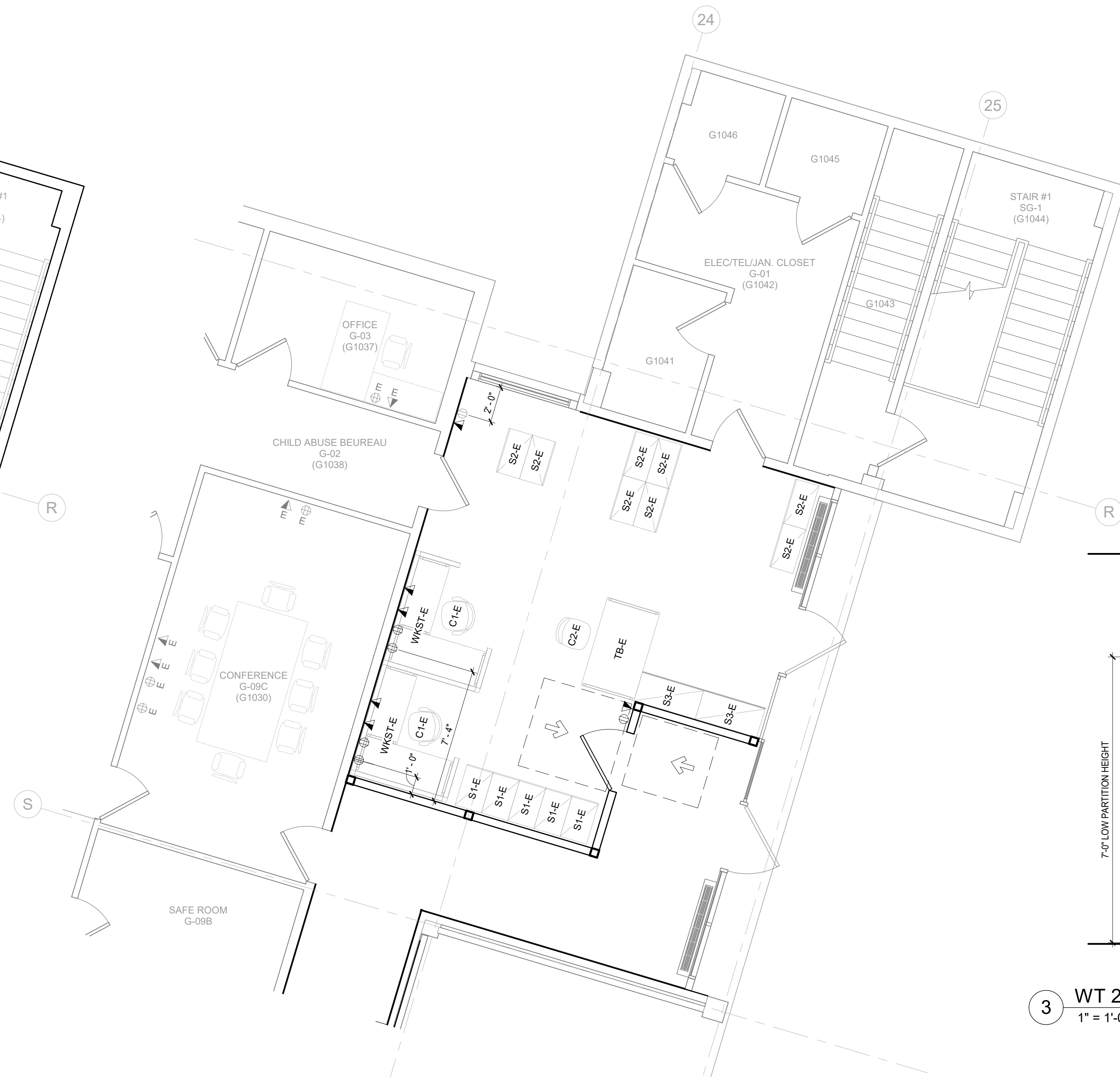
	CONSULTANT INFORMATION	
	<p><b>Graf &amp; Lewent Architects LLP</b></p> <p>90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>	
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502
DIVISION OF ENGINEERING		SHEET NO. 5 OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: 1/16" = 1'-0"
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: 01-19-2024 Issue Date
WHITE PLAINS, NEW YORK		DPW FILE NO.
PHASING PLAN - PHASE I & II		52-11-G-1817-0

**3 PHASE II - 1ST FLOOR**  
1/16" = 1'-0"

**ALL WORK AS DESCRIBED IN CONTRACT DOCUMENTS**

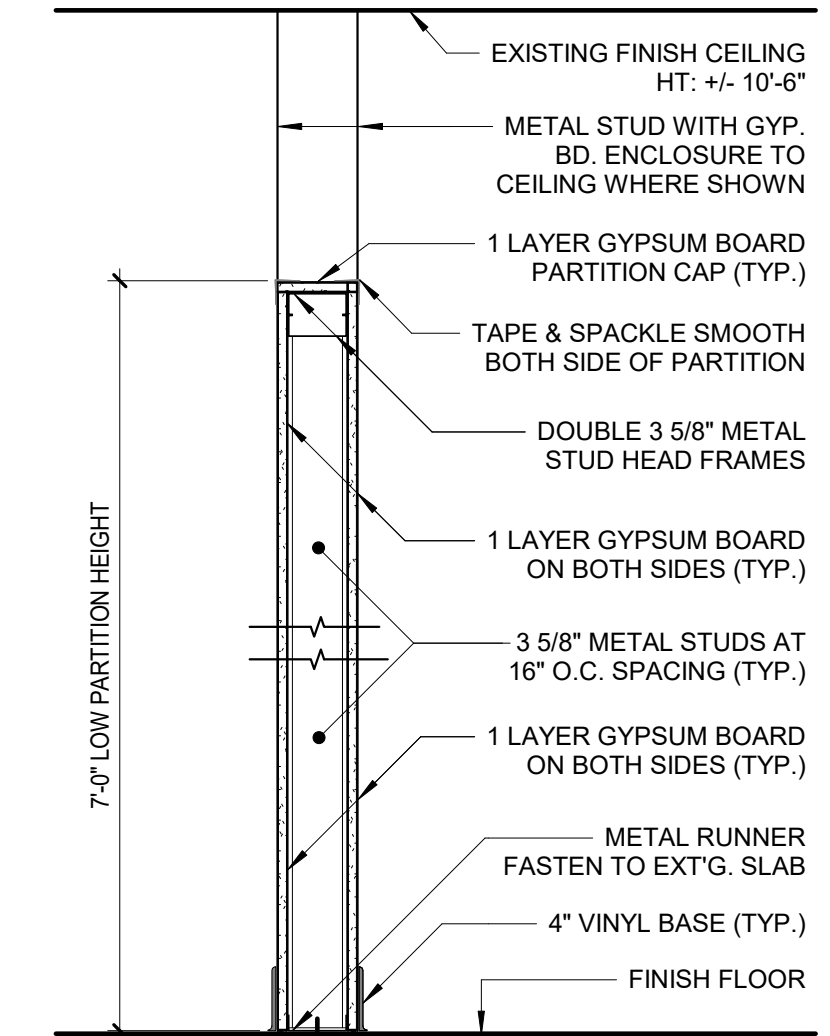


1 CONSTRUCTION PLAN - 1ST FLOOR - TEMPORARY TAX OFFICE  
1/4" = 1'-0"



2 POWER & COMMUNICATIONS PLAN - 1ST FLOOR - TEMPORARY TAX OFFICE  
1/4" = 1'-0"

NOTE: NO CHANGE TO EXISTING CEILING DURING THIS PHASE



3 WT 21 - TEMPORARY LOW PARTITION  
1" = 1'-0"

CONSTRUCTION PLAN LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXISTING COLUMNS TO REMAIN (WITH OR WITHOUT STEEL PROFILE)		TEMPORARY LOW PARTITION PARTITION TYPE: SEE DETAIL ON 3/G-004
	EXISTING PARTITIONS / WALLS		TEMPORARY DOOR AND FRAME DOOR TYPE INDICATION
	EXISTING DOOR & DOOR FRAME TO REMAIN SHALL RECEIVE PAINT FINISH WHERE FACING AREA OF WORK EXCEPT NATURAL WOOD DOOR		<b>WOOD DOOR:</b> 3'-0"W x 6'-8"H, FACTORY FINISH WITH HOLLOW METAL FRAMES PAINT FINISH. <b>HARDWARE:</b> F104 (OFFICE) LOCK SET, 3 BUTT HINGES, FLOOR STOP AND WITHOUT HOLD OPEN CLOSER. <b>NOTE:</b> DOOR SHALL BE OPENABLE FROM OCCUPIED SIDE AT ALL TIMES.
	EXISTING STOREFRONT STSTEM (VIF)		
	EXISTING WALL (VIF)		
	EXISTING RADIATOR (VIF)		

GENERAL NOTES:

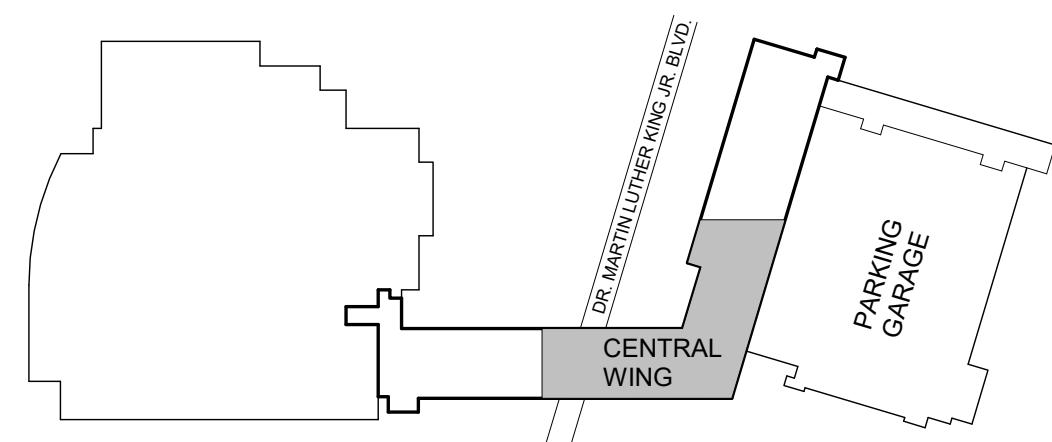
- THIS WORK TO BE PERFORMED AT THE START OF PHASE I
- ALL WORK ON FLOORS BELOW OR ABOVE AND IN ADJACENT AREAS THAT ARE DISTURBED OR DAMAGED DUE TO WORK RELATED TO THIS PROJECT SHALL BE REPAIRED TO MATCH PREVIOUS UNDAAGED CONDITIONS.

POWER & COMMUNICATIONS PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXISTING WALL MOUNTED QUAD OUTLET
	EXISTING WALL MOUNTED DATA AND COMMUNICATIONS OUTLET
	WALL MOUNTED DUPLEX OUTLET
	WALL MOUNTED DATA AND COMMUNICATIONS OUTLET

FURNITURE SCHEDULE - TEMPORARY TAX OFFICE				
TYPE MARK	COUNT	DESCRIPTION	MODEL	COMMENTS
C1-E	2	TASK CHAIR WITH ARMS	-	- EXISTING RELOCATED
C2-E	1	TASK CHAIR WITH NO ARMS	-	- EXISTING RELOCATED
S1-E	5	28" x 18" FILE CABINET	-	- EXISTING RELOCATED
S2-E	8	30" x 16" STORAGE CABINET	-	- EXISTING RELOCATED
S3-E	2	40" x 20" STORAGE CABINET	-	- EXISTING RELOCATED
TB-E	1	60" x 36" TABLE	-	- EXISTING RELOCATED
WKST-E	2	72" x 60" MODULAR WORK STATION	-	- EXISTING RELOCATED

NOTE: ALL FURNITURES ARE EXISTING.

		CONSULTANT INFORMATION <b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APP'D BY
RECORD DRAWING CERTIFICATION			
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 1ST FLOOR NORTH WING - TEMPORARY TAX OFFICE		CONTRACT NUMBER 20-502 SHEET NO. 6 OF 133	SHEET NUMBER <b>G-004</b> SCALE: As indicated DATE: 01-19-2024 Issue Date DPW FILE NO. REV NO. 52-11-G-1818-0

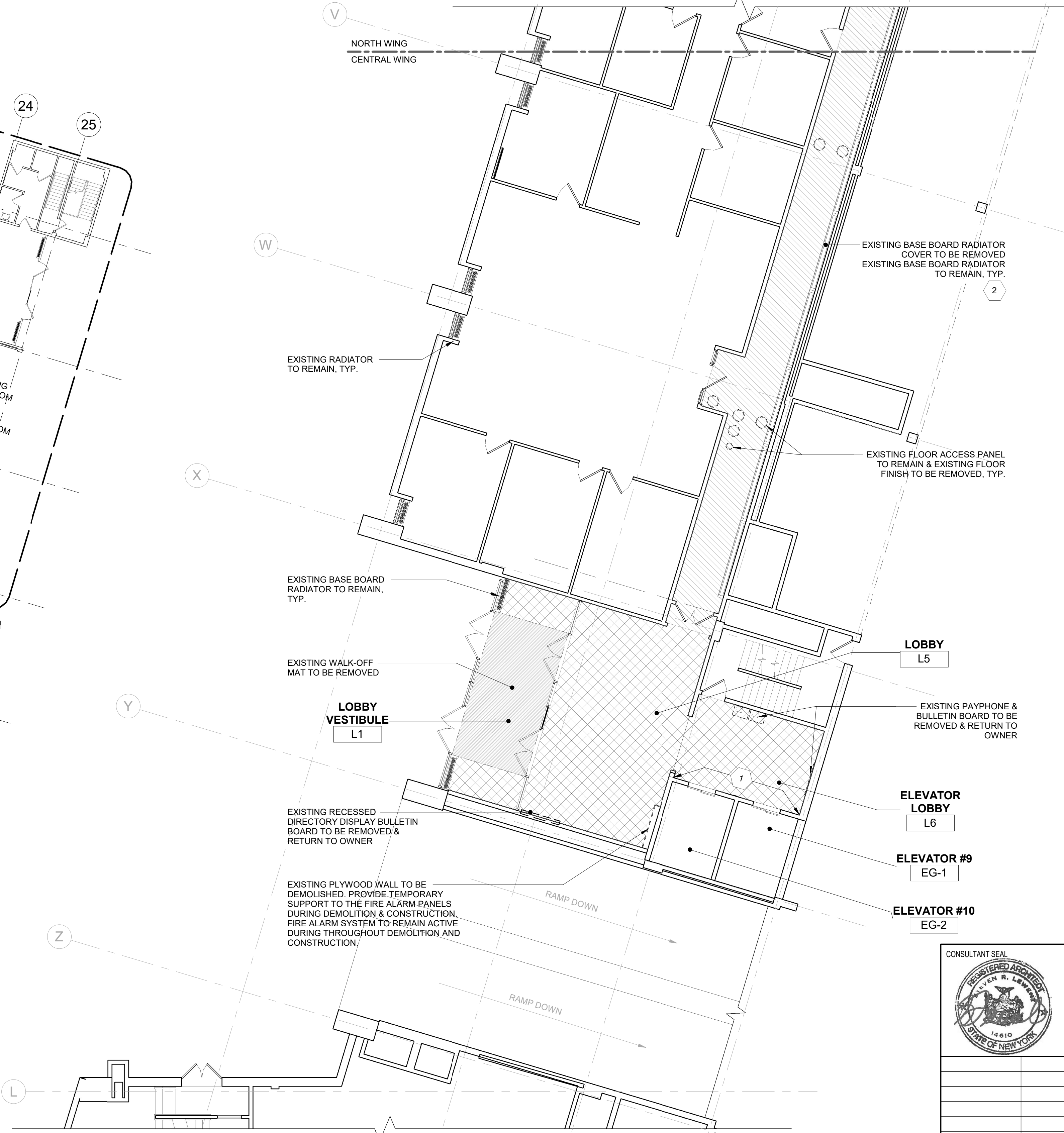


**K** KEY PLAN  
N.T.S.

DEMOLITION PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXIST. WALL/PARTITION TO REMAIN
	EXISTING COLUMN TO REMAIN
	EXISTING DOOR TO REMAIN
	EXISTING SINK, FAUCET, COUNTER, AND CABINETS TO BE REMOVED
	APPROXIMATE AREA OF EXISTING VCT FLOOR, WALL BASE, & RELATED ACCESSORIES TO BE REMOVED TO STRUCTURE SLAB
	APPROXIMATE AREA OF EXISTING FLOOR PAVER, & RELATED ACCESSORIES TO BE REMOVED TO STRUCTURE SLAB
	EXISTING FINISH FLOOR & WALL TILE, & RELATED ACCESSORIES TO BE REMOVED TO STRUCTURE SLAB

- DEMOLITION NOTES:**
- REMOVE ALL FLOOR FINISHES AND ALL EXISTING WALL BASES IN AREA OF WORK, DOWN TO THE CONCRETE FLOOR.
  - ALL ACCESSORY CONSTRUCTION, BLOCKING, CLIPS, TRIM-WORK, AND ALL MISCELLANEOUS ITEMS SHALL BE REMOVED.
  - REMOVE ALL SURFACE MOUNTED OUTLETS, DEVICE, ETC. IN DEMO AREA.
  - ALL EXISTING WALLS, PARTITIONS, FLOORS, AND CEILINGS TO REMAIN THAT ARE DAMAGED DUE TO DEMOLITION WORK ARE TO BE PATCHED AS REQUIRED.
  - CONTRACTOR MUST COORDINATE ALL DEMOLITION WORK WITH ASBESTOS ABATEMENT REQUIREMENTS.
  - SEE ENGINEERING DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.
  - ALL ITEMS INDICATED TO BE REMOVED ARE TO GIVE THE CONTRACTOR A SENSE OF THE QUANTITIES. REMOVE ALL ITEMS REGARDLESS OF THE EXACT QUANTITIES.
  - FLOOR REMOVAL TO BE COORDINATED WITH ASBESTOS ABATEMENT PROCEDURES.
  - EXISTING WALL RECESSED OUTLET TO REMAIN.
  - ALL EXISTING WALL MOUNTED EQUIPMENT, DEVICE, SIGNAGE, MISCELLANEOUS ITEMS, & ETC. TO BE REMOVED AND STORED FOR REINSTALLATION UNLESS OTHERWISE NOTED. COORDINATE WITH THE COUNTY.
  - ALL EXISTING DOOR ACCESS DEVICES TO REMAIN.

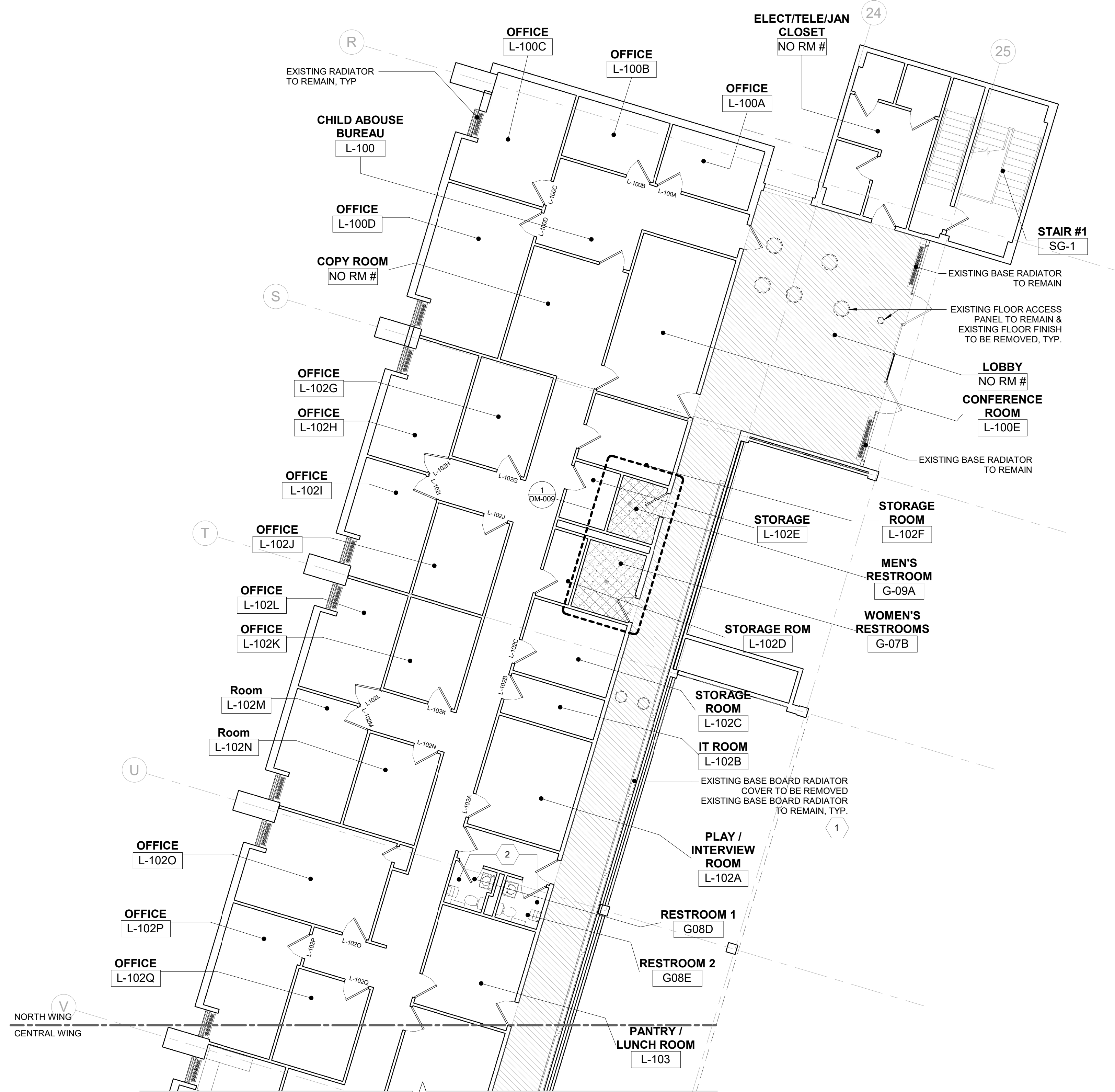
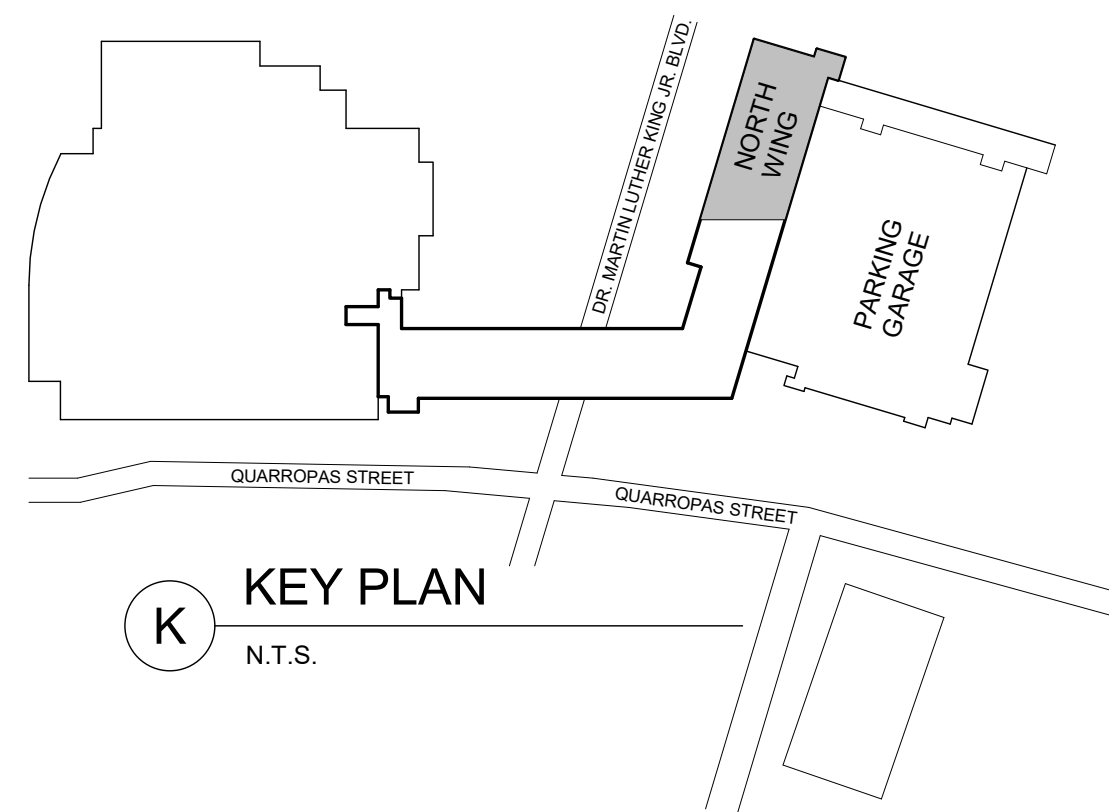
- DEMOLITION PLAN KEY NOTES:**
- 1** EXISTING METAL TRIM AT ELEVATOR TO BE REMOVED.
  - 2** EXISTING RADIATOR COVER SUPPORT TO BE REMOVED AND PROVIDE TEMPORARY SUPPORT FOR BASE BOARD PIPE DURING DEMOLITION & CONSTRUCTION.



**0** DEMOLITION KEY PLAN - 1ST FLOOR OVERALL  
1/16" = 1'-0"

**1** DEMOLITION FLOOR PLAN - 1ST FLOOR CENTRAL WING  
1/8" = 1'-0"

		<b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION			
REVISION NUMBER	DATE	MADE BY	APP'D BY
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES		<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ DATE: _____ TITLE: _____	
<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ DATE: _____ TITLE: _____		<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ DATE: _____ TITLE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER <b>20-502</b>	SHEET NUMBER <b>DM-001</b>
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: As indicated DATE: 01-19-2024 Issue Date DPW FILE NO.	SHEET NO. 7 OF 133 REV NO.
PARTIAL DEMOLITION PLAN - 1ST FLOOR CENTRAL WING		52-11-G-1819-0	

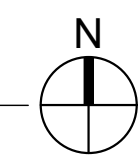


DEMOLITION PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXIST. WALL/ PARTITION TO REMAIN
	EXISTING COLUMN TO REMAIN
	EXISTING DOOR TO REMAIN
	EXISTING SINK, FAUCET, COUNTER, AND CABINETS TO BE REMOVED
	APPROXIMATE AREA OF EXISTING VCT FLOOR, WALL BASE, & RELATED ACCESSORIES TO BE REMOVED TO STRUCTURE SLAB
	APPROXIMATE AREA OF EXISTING FLOOR PAVER, & RELATED ACCESSORIES TO BE REMOVED TO STRUCTURE SLAB
	EXISTING FINISH FLOOR & WALL TILE, & RELATED ACCESSORIES TO BE REMOVED TO STRUCTURE SLAB

- DEMOLITION NOTES:**
1. REMOVE ALL FLOOR FINISHES AND ALL EXISTING WALL BASES IN AREA OF WORK, DOWN TO THE CONCRETE FLOOR.
  2. ALL ACCESSORY CONSTRUCTION, BLOCKING, CLIPS, TRIM-WORK, AND ALL MISCELLANEOUS ITEMS SHALL BE REMOVED.
  3. REMOVE ALL SURFACE MOUNTED OUTLETS, DEVICE, ETC. IN DEMO AREA.
  4. ALL EXISTING WALLS, PARTITIONS, FLOORS, AND CEILINGS TO REMAIN THAT ARE DAMAGED DUE TO DEMOLITION WORK ARE TO BE PATCHED AS REQUIRED.
  5. CONTRACTOR MUST COORDINATE ALL DEMOLITION WORK WITH ASBESTOS ABATEMENT REQUIREMENTS.
  6. SEE ENGINEERING DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.
  7. ALL ITEMS INDICATED TO BE REMOVED ARE TO GIVE THE CONTRACTOR A SENSE OF THE QUANTITIES. REMOVE ALL ITEMS REGARDLESS OF THE EXACT QUANTITIES.
  8. FLOOR REMOVAL TO BE COORDINATED WITH ASBESTOS ABATEMENT PROCEDURES.
  9. EXISTING WALL RECESSED OUTLET TO REMAIN.
  10. ALL EXISTING WALL MOUNTED EQUIPMENT, DEVICE, SIGNAGE, MISCELLANEOUS ITEMS, & ETC. TO BE REMOVED AND STORED FOR REINSTALLATION UNLESS OTHERWISE NOTED. COORDINATE WITH THE COUNTY.
  11. ALL EXISTING DOOR ACCESS DEVICES TO REMAIN.

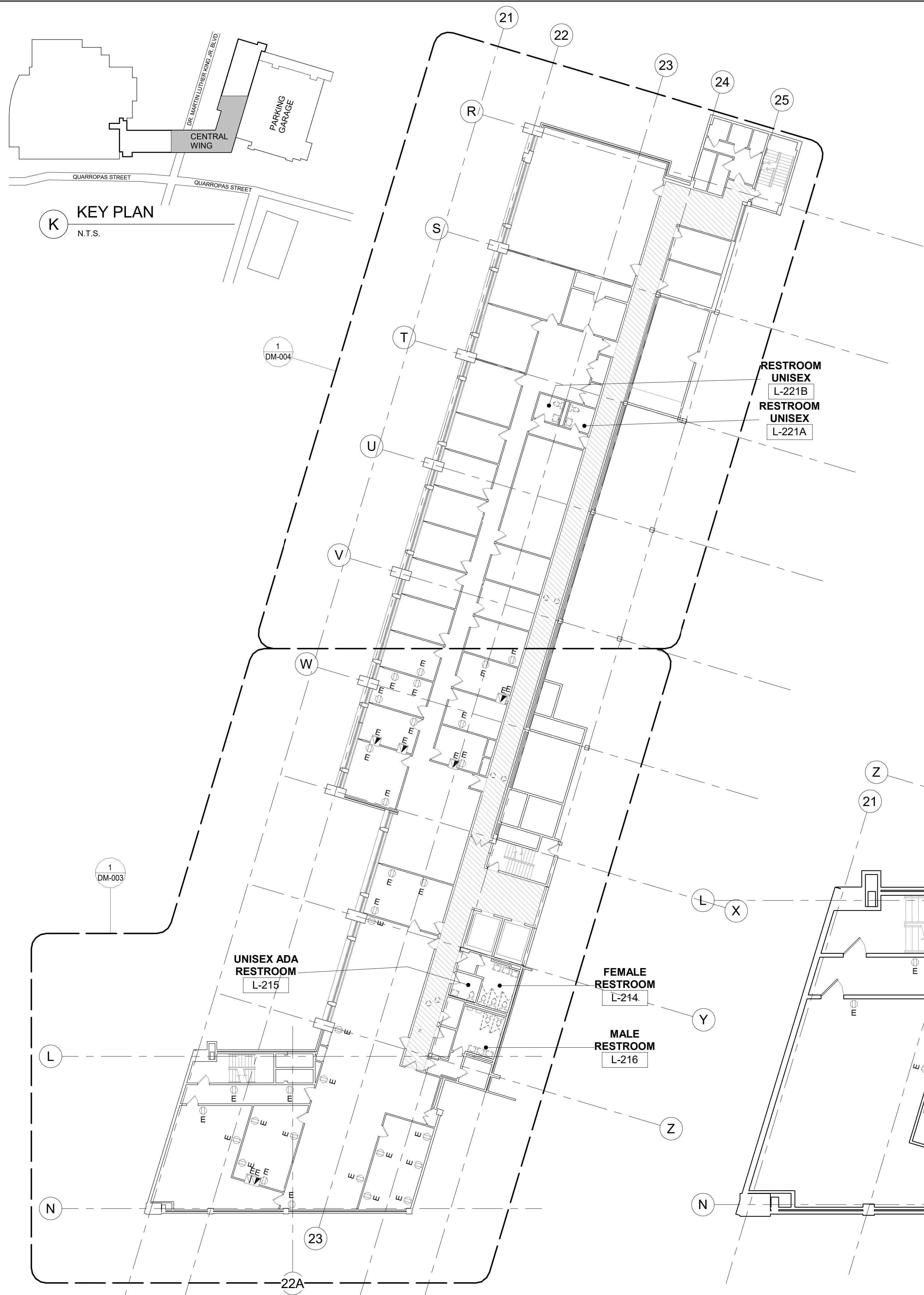
- DEMOLITION PLAN KEY NOTES:**
- 1 EXISTING RADIATOR COVER SUPPORT TO BE REMOVED AND PROVIDE TEMPORARY SUPPORT FOR BASE BOARD PIPE DURING FINISH FLOOR DEMOLITION.
  - 2 PROTECT EXISTING PLUMBING FIXTURES, ACCESSORIES, & ETC. DURING DEMOLITION.

1 DEMOLITION FLOOR PLAN - 1ST FLOOR NORTH WING  
1/8" = 1'-0"

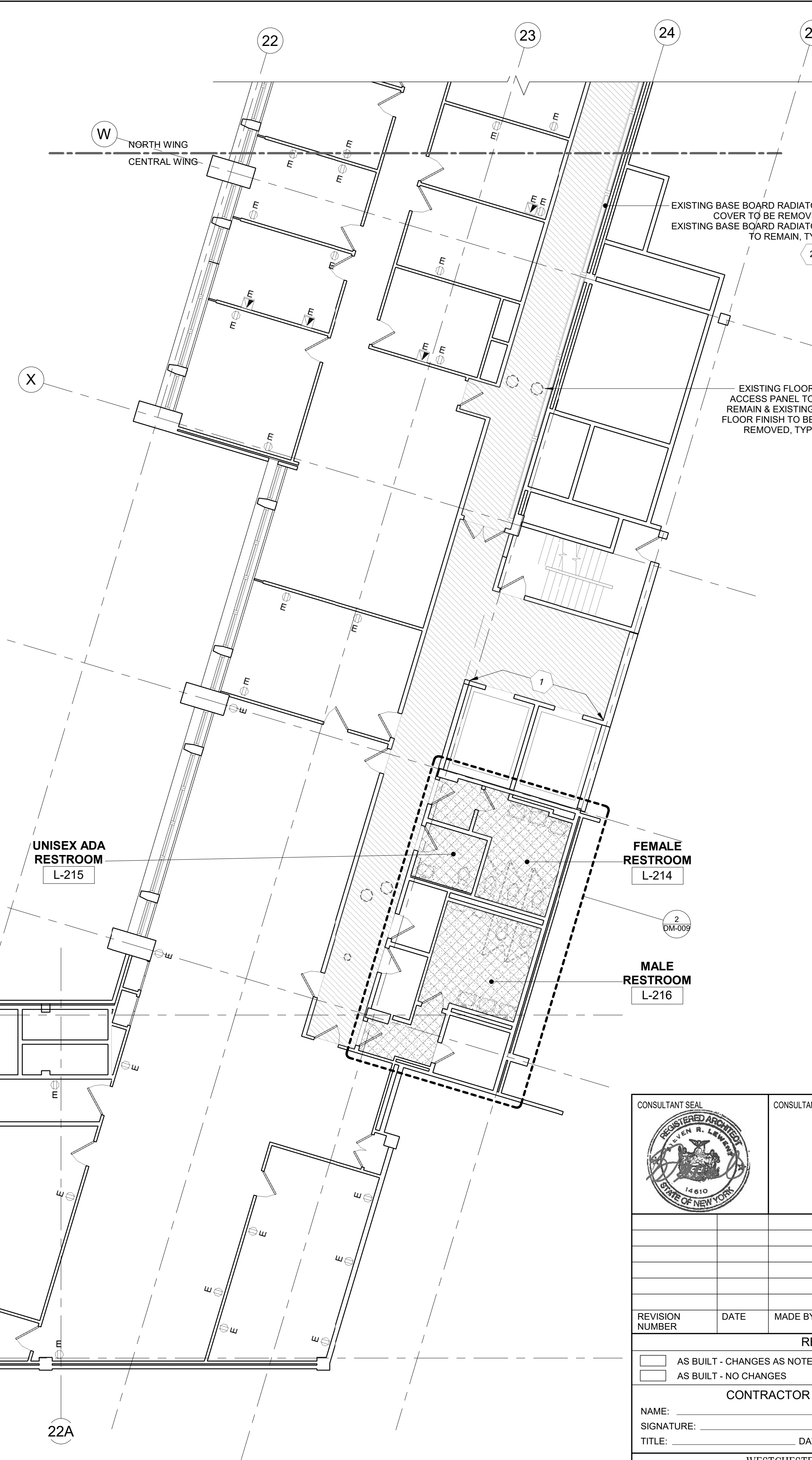


	CONSULTANT INFORMATION	
	<b>Graf &amp; Lewent</b> <b>Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY APP'D BY
RECORD DRAWING CERTIFICATION		
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502
DIVISION OF ENGINEERING		SHEET NUMBER
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		DM-002
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		SHEET NO. 8 OF 133
WHITE PLAINS, NEW YORK		SCALE: 1/8" = 1'-0"
PARTIAL DEMOLITION PLAN - 1ST FLOOR NORTH WING		DATE: 01-19-2024 Issue Date
		DPW FILE NO. 52-11-G-1820-0
		REV NO.





2 DEMOLITION KEY PLAN - 2ND FLOOR OVERALL  
1/16" = 1'-0"

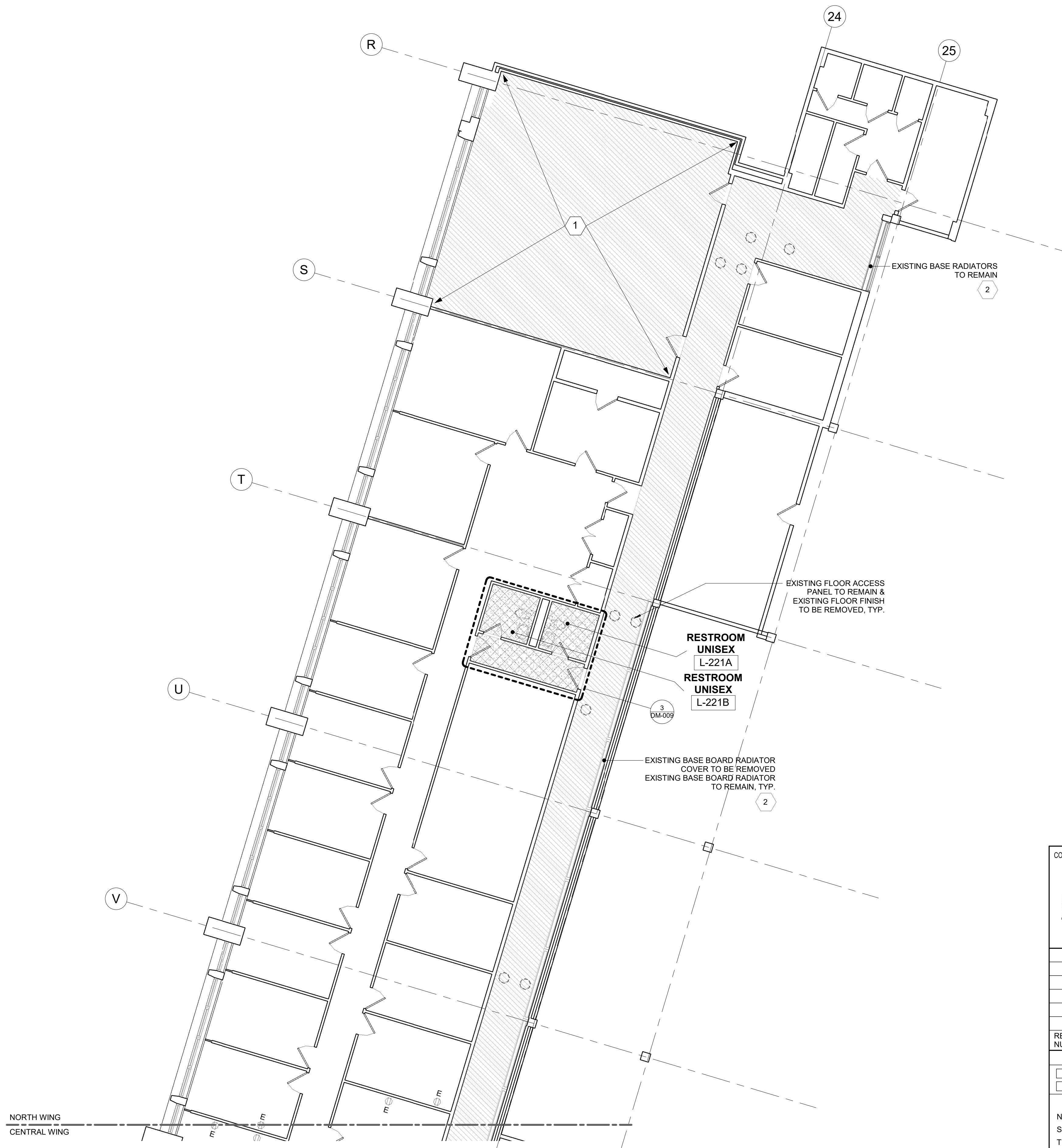
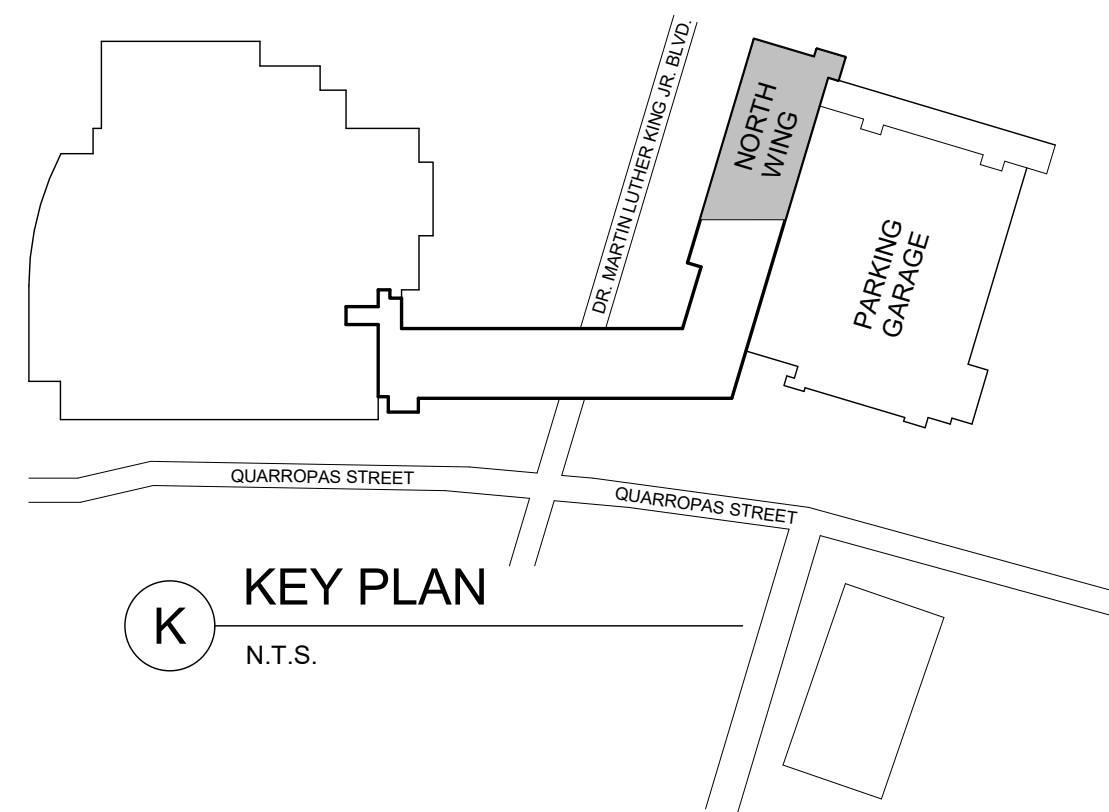


1 DEMOLITION FLOOR PLAN - 2ND FLOOR CENTRAL WING  
1/8" = 1'-0"

DEMOLITION PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXIST. WALL/ PARTITION TO REMAIN
	EXISTING COLUMN TO REMAIN
	EXISTING DOOR TO REMAIN
	EXISTING SINK, FAUCET, COUNTER, AND CABINETS TO BE REMOVED
	APPROXIMATE AREA OF EXISTING VCT FLOOR, WALL BASE, & RELATED ACCESSORIES TO BE REMOVED TO STRUCTURE SLAB
	APPROXIMATE AREA OF EXISTING FLOOR PAVER, & RELATED ACCESSORIES TO BE REMOVED TO STRUCTURE SLAB
	EXISTING FINISH FLOOR & WALL TILE, & RELATED ACCESSORIES TO BE REMOVED TO STRUCTURE SLAB

- DEMOLITION NOTES:**
- REMOVE ALL FLOOR FINISHES AND ALL EXISTING WALL BASES IN AREA OF WORK, DOWN TO THE CONCRETE FLOOR.
  - ALL ACCESSORY CONSTRUCTION, BLOCKING, CLIPS, TRIM-WORK, AND ALL MISCELLANEOUS ITEMS SHALL BE REMOVED.
  - REMOVE ALL SURFACE MOUNTED OUTLETS, DEVICE, ETC. IN DEMO AREA.
  - ALL EXISTING WALLS, PARTITIONS, FLOORS, AND CEILINGS TO REMAIN THAT ARE DAMAGED DUE TO DEMOLITION WORK ARE TO BE PATCHED AS REQUIRED.
  - CONTRACTOR MUST COORDINATE ALL DEMOLITION WORK WITH ASBESTOS ABATEMENT REQUIREMENTS.
  - SEE ENGINEERING DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.
  - ALL ITEMS INDICATED TO BE REMOVED ARE TO GIVE THE CONTRACTOR A SENSE OF THE QUANTITIES. REMOVE ALL ITEMS REGARDLESS OF THE EXACT QUANTITIES.
  - FLOOR REMOVAL TO BE COORDINATED WITH ASBESTOS ABATEMENT PROCEDURES.
  - EXISTING WALL RECESSED OUTLET TO REMAIN.
  - ALL EXISTING WALL MOUNTED EQUIPMENT, DEVICE, SIGNAGE, MISCELLANEOUS ITEMS, & ETC. TO BE REMOVED AND STORED FOR REINSTALLATION UNLESS OTHERWISE NOTED. COORDINATE WITH THE COUNTY.
  - ALL EXISTING DOOR ACCESS DEVICES TO REMAIN.
- DEMOLITION PLAN KEY NOTES:**
- EXISTING METAL TRIM AT ELEVATOR TO BE REMOVED.
  - EXISTING RADIATOR COVER SUPPORT TO BE REMOVED AND PROVIDE TEMPORARY SUPPORT FOR BASE BOARD PIPE DURING FINISH FLOOR DEMOLITION.

	CONSULTANT INFORMATION			
	<p><b>Graf &amp; Lewent</b> Architects LLP</p> <p>90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>			
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
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CONTRACTOR		CONTRACTOR		
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SIGNATURE:		SIGNATURE:		
TITLE:		TITLE:		
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	DM-003	
DIVISION OF ENGINEERING		SHEET NO.	9 OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE:	As indicated	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE:	01-19-2024	
WHITE PLAINS, NEW YORK		DPW FILE NO.	52-11-G-1821-0	
PARTIAL DEMOLITION PLAN - 2ND FLOOR CENTRAL WING		REV NO.		



DEMOLITION PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXIST. WALL/ PARTITION TO REMAIN
	EXISTING COLUMN TO REMAIN
	EXISTING DOOR TO REMAIN
	EXISTING SINK, FAUCET, COUNTER, AND CABINETS TO BE REMOVED
	APPROXIMATE AREA OF EXISTING VCT FLOOR, WALL BASE, & RELATED ACCESSORIES TO BE REMOVED TO STRUCTURE SLAB
	APPROXIMATE AREA OF EXISTING FLOOR PAVER, & RELATED ACCESSORIES TO BE REMOVED TO STRUCTURE SLAB
	EXISTING FINISH FLOOR & WALL TILE, & RELATED ACCESSORIES TO BE REMOVED TO STRUCTURE SLAB

**DEMOLITION NOTES:**

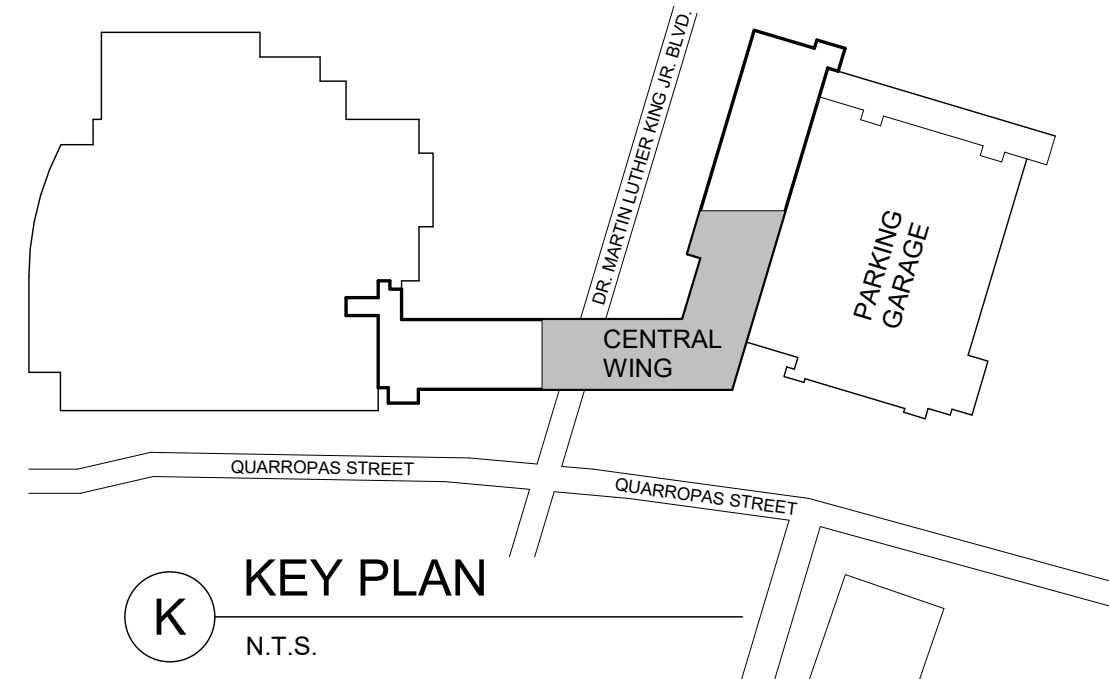
1. REMOVE ALL FLOOR FINISHES AND ALL EXISTING WALL BASES IN AREA OF WORK, DOWN TO THE CONCRETE FLOOR.
2. ALL ACCESSORY CONSTRUCTION, BLOCKING, CLIPS, TRIM-WORK, AND ALL MISCELLANEOUS ITEMS SHALL BE REMOVED.
3. REMOVE ALL SURFACE MOUNTED OUTLETS, DEVICE, ETC. IN DEMO AREA.
4. ALL EXISTING WALLS, PARTITIONS, FLOORS, AND CEILINGS TO REMAIN THAT ARE DAMAGED DUE TO DEMOLITION WORK ARE TO BE PATCHED AS REQUIRED.
5. CONTRACTOR MUST COORDINATE ALL DEMOLITION WORK WITH ASBESTOS ABATEMENT REQUIREMENTS.
6. SEE ENGINEERING DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.
7. ALL ITEMS INDICATED TO BE REMOVED ARE TO GIVE THE CONTRACTOR A SENSE OF THE QUANTITIES. REMOVE ALL ITEMS REGARDLESS OF THE EXACT QUANTITIES.
8. FLOOR REMOVAL TO BE COORDINATED WITH ASBESTOS ABATEMENT PROCEDURES.
9. EXISTING WALL RECESSED OUTLET TO REMAIN.
10. ALL EXISTING WALL MOUNTED EQUIPMENT, DEVICE, SIGNAGE, MISCELLANEOUS ITEMS, & ETC. TO BE REMOVED AND STORED FOR REINSTALLATION UNLESS OTHERWISE NOTED. COORDINATE WITH THE COUNTY.
11. ALL EXISTING DOOR ACCESS DEVICES TO REMAIN.

**DEMOLITION PLAN KEY NOTES:**

- 1 EXISTING FURNITURE, FILE CABINET, & ETC. TO BE REMOVED PRIOR TO DEMOLITION. COORDINATE WITH THE COUNTY.
- 2 EXISTING RADIATOR COVER SUPPORT TO BE REMOVED AND PROVIDE TEMPORARY SUPPORT FOR BASE BOARD PIPE DURING DEMOLITION.

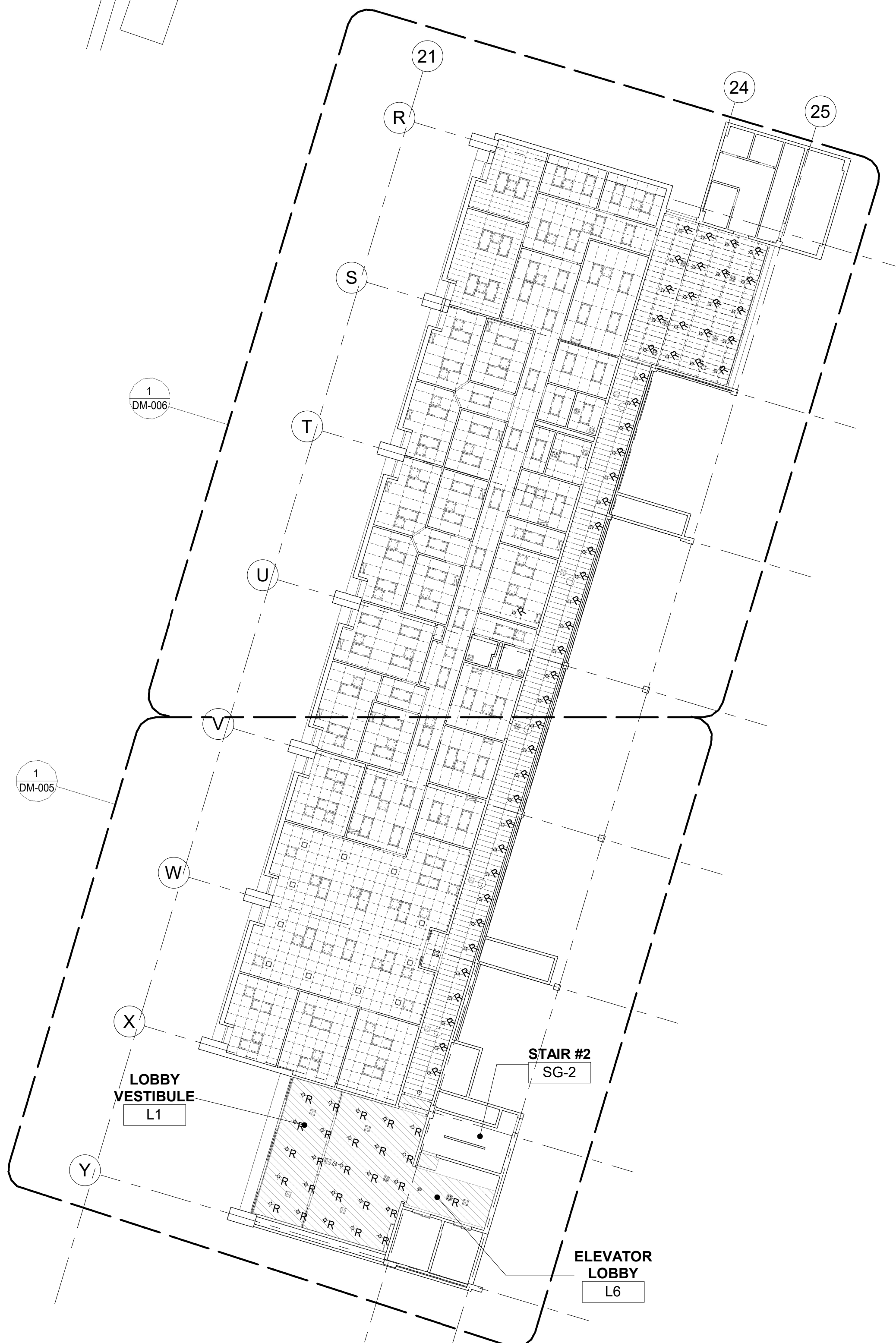
**1** DEMOLITION FLOOR PLAN - 2ND FLOOR NORTH WING  
1/8" = 1'-0"

	CONSULTANT INFORMATION			
	<p align="center"><b>Graf &amp; Lewent</b> Architects LLP</p> <p align="center">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>			
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
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TITLE:	DATE:	TITLE:	DATE:	TITLE:
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	DM-004	
DIVISION OF ENGINEERING		SHEET NO.	OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE:	1/8" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: 01-19-2024	Issue Date	
WHITE PLAINS, NEW YORK		DPW FILE NO.	REV NO.	REV NO.
PARTIAL DEMOLITION PLAN - 2ND FLOOR NORTH WING		52-11-G-1822-0		



CEILING DEMOLITION PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXIST. WALL/ PARTITION TO REMAIN
	EXISTING COLUMN TO REMAIN
	EXISTING 2X2 ACOUSTICAL CEILING TILES AND GRIDS TO BE REMOVED
	EXISTING 2X4 ACOUSTICAL CEILING TILES AND GRIDS TO BE REMOVED
	EXISTING ACOUSTICAL CEILING TILES AND GRIDS TO BE REMOVED
	AREA OF EXISTING GYPSUM BOARD CEILING CONSTRUCTION TO BE REMOVED
	EXISTING LIGHT FIXTURE TO BE REMOVED & STORED FOR REINSTALLATION
	EXISTING DIFFUSER & RETURN REGISTER TO BE REMOVED
	EXISTING LIGHT FIXTURES TO BE REMOVED
	EXISTING CEILING MOUNTED EXIT SIGNS TO BE REMOVED
	EXISTING SMOKE DETECTOR TO REMAIN
	EXISTING WALL MOUNTED EXIT SIGN TO REMAIN
	EXISTING CEILING MOUNTED EXIT SIGN TO REMAIN
	EXISTING EXIT SIGN TO BE REMOVED

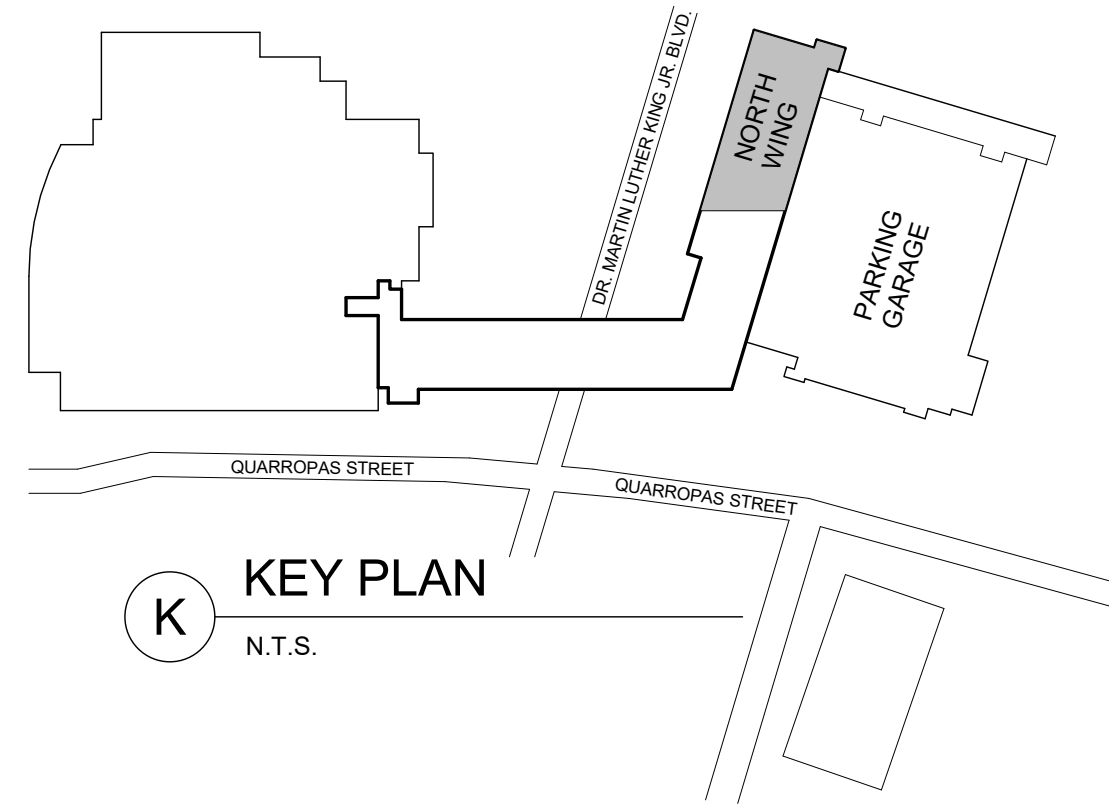
GENERAL NOTE:  
 1. ALL EXISTING CEILING MOUNTED WIFI DEVICE TO BE REMOVED BY THE COUNTY. GC TO COIL EXISTING WIRING AND SECURE FOR REINSTALLATION OF WAPS AFTER CEILING INSTALL.



0 DEMOLITION REFLECTED CEILING KEYPLAN - 1ST FLOOR  
 1/16" = 1'-0"

1 DEMOLITION REFLECTED CEILING PLAN - 1ST FLOOR CENTRAL  
 1/8" = 1'-0"

	CONSULTANT INFORMATION			
	<b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989			
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
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SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
TITLE:	DATE:	TITLE:	DATE:	TITLE:
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING			CONTRACT NUMBER 20-502	SHEET NUMBER DM-005
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK			SCALE: As indicated	DATE: 01-19-2024 Issue Date
PARTIAL DEMO CEILING PLAN - 1ST FLOOR CENTRAL WING			DPW FILE NO. 52-11-G-1823-0	REV NO.



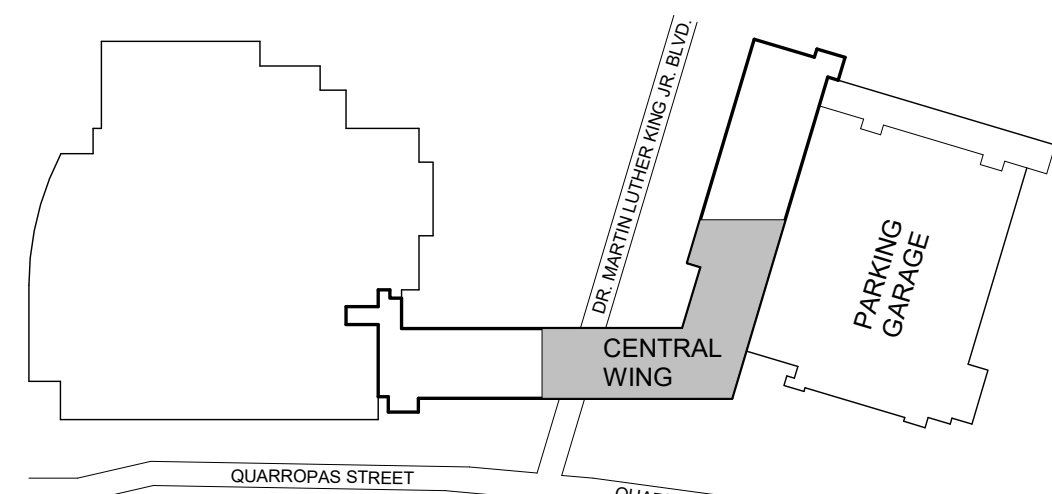
CEILING DEMOLITION PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXIST. WALL/ PARTITION TO REMAIN
	EXISTING COLUMN TO REMAIN
	EXISTING 2X2 ACOUSTICAL CEILING TILES AND GRIDS TO BE REMOVED
	EXISTING 2X4 ACOUSTICAL CEILING TILES AND GRIDS TO BE REMOVED
	EXISTING ACOUSTICAL CEILING TILES AND GRIDS TO BE REMOVED
	AREA OF EXISTING GYPSUM BOARD CEILING CONSTRUCTION TO BE REMOVED
	EXISTING LIGHT FIXTURE TO BE REMOVED & STORED FOR REINSTALLATION
	EXISTING DIFFUSER & RETURN REGISTER TO BE REMOVED
	EXISTING LIGHT FIXTURES TO BE REMOVED
	EXISTING CEILING MOUNTED EXIT SIGNS TO BE REMOVED
	EXISTING SMOKE DETECTOR TO REMAIN
	EXISTING WALL MOUNTED EXIT SIGN TO REMAIN
	EXISTING CEILING MOUNTED EXIT SIGN TO REMAIN
	EXISTING EXIT SIGN TO BE REMOVED

GENERAL NOTE:  
1. ALL EXISTING CEILING MOUNTED WIFI DEVICE TO BE REMOVED BY THE COUNTY. GC TO COIL EXISTING WIRING AND SECURE FOR REINSTALLATION OF WAPS AFTER CEILING INSTALL.

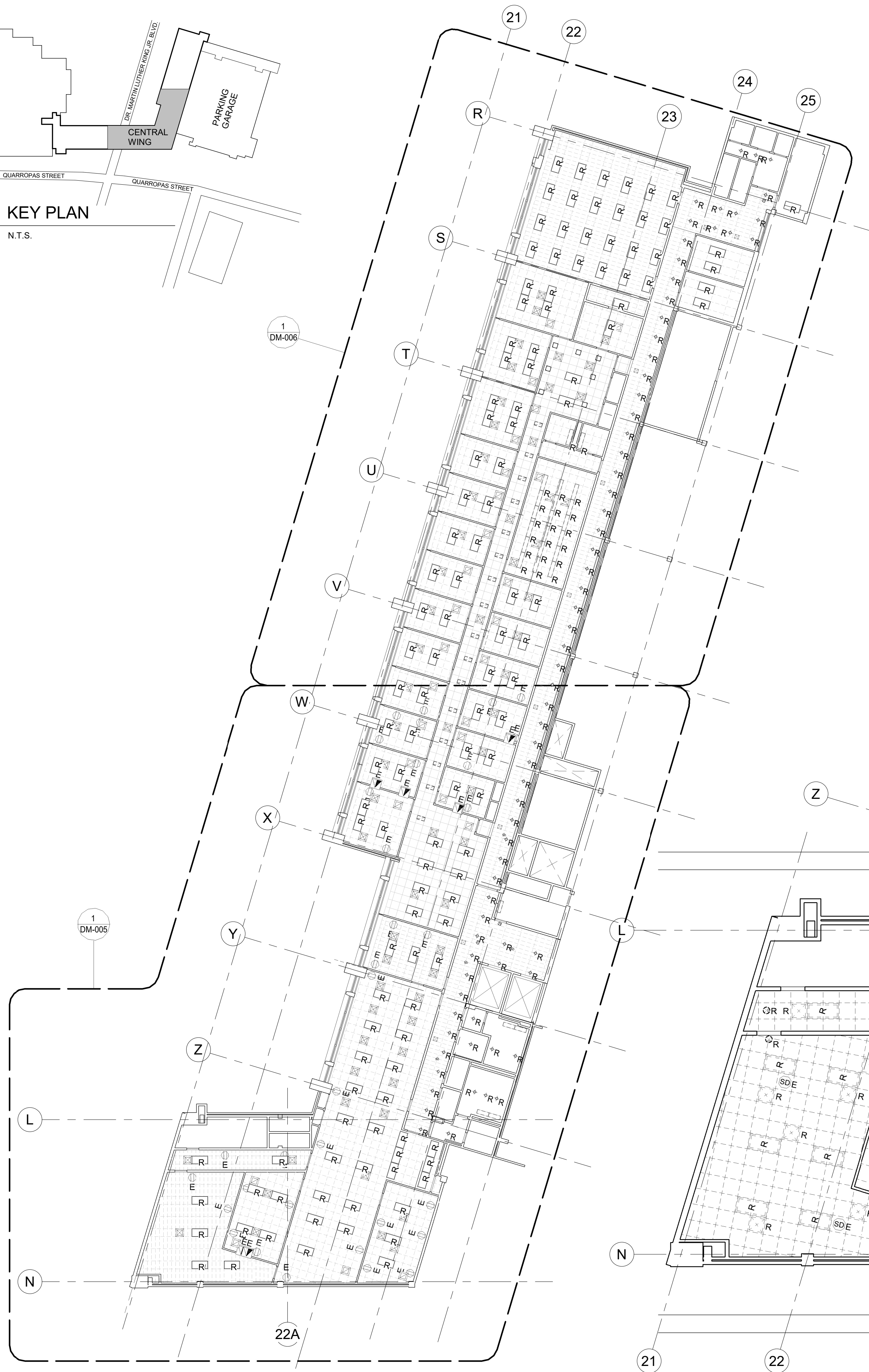
DEMOLITION CEILING PLAN KEY NOTES:  
1. EXISTING RECESSED LIGHT FIXTURE TO BE REMOVED. MODIFY AND PREPARE EXISTING GYPSUM BOARD CEILING TO RECEIVE NEW LIGHT FIXTURE.

**1** DEMOLITION REFLECTED CEILING PLAN - 1ST FLOOR NORTH-CENTRAL WING  
1/8" = 1'-0"

	CONSULTANT INFORMATION	
	<b>Graf &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY APP'D BY REVISION
RECORD DRAWING CERTIFICATION		
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502
DIVISION OF ENGINEERING		SHEET NUMBER DM-006
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SHEET NO. 12 OF 133
PARTIAL DEMO CEILING - 1ST FLOOR NORTH WING		SCALE: 1/8" = 1'-0" DATE: 01-19-2024 Issue Date DPW FILE NO. 52-11-G-1824-0 REV NO.



**K** KEY PLAN  
N.T.S.



**2** DEMOLITION REFLECTED CEILING KEY PLAN  
1/16" = 1'-0"



**3** DEMOLITION REFLECTED CEILING PLAN - 2ND FLOOR CENTRAL WING  
1/8" = 1'-0"

CEILING DEMOLITION PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXIST. WALL/ PARTITION TO REMAIN
	EXISTING COLUMN TO REMAIN
	EXISTING 2X2 ACOUSTICAL CEILING TILES AND GRIDS TO BE REMOVED
	EXISTING 2X4 ACOUSTICAL CEILING TILES AND GRIDS TO BE REMOVED
	EXISTING ACOUSTICAL CEILING TILES AND GRIDS TO BE REMOVED
	AREA OF EXISTING GYPSUM BOARD CEILING CONSTRUCTION TO BE REMOVED
	EXISTING LIGHT FIXTURE TO BE REMOVED & STORED FOR REINSTALLATION
	EXISTING DIFFUSER & RETURN REGISTER TO BE REMOVED
	EXISTING LIGHT FIXTURES TO BE REMOVED
	EXISTING CEILING MOUNTED EXIT SIGNS TO BE REMOVED
	EXISTING SMOKE DETECTOR TO REMAIN
	EXISTING WALL MOUNTED EXIT SIGN TO REMAIN
	EXISTING CEILING MOUNTED EXIT SIGN TO REMAIN
	EXISTING EXIT SIGN TO BE REMOVED

GENERAL NOTE:  
1. ALL EXISTING CEILING MOUNTED WIFI DEVICE TO BE REMOVED BY THE COUNTY. GC TO COIL EXISTING WIRING AND SECURE FOR REINSTALLATION OF WAPS AFTER CEILING INSTALL.

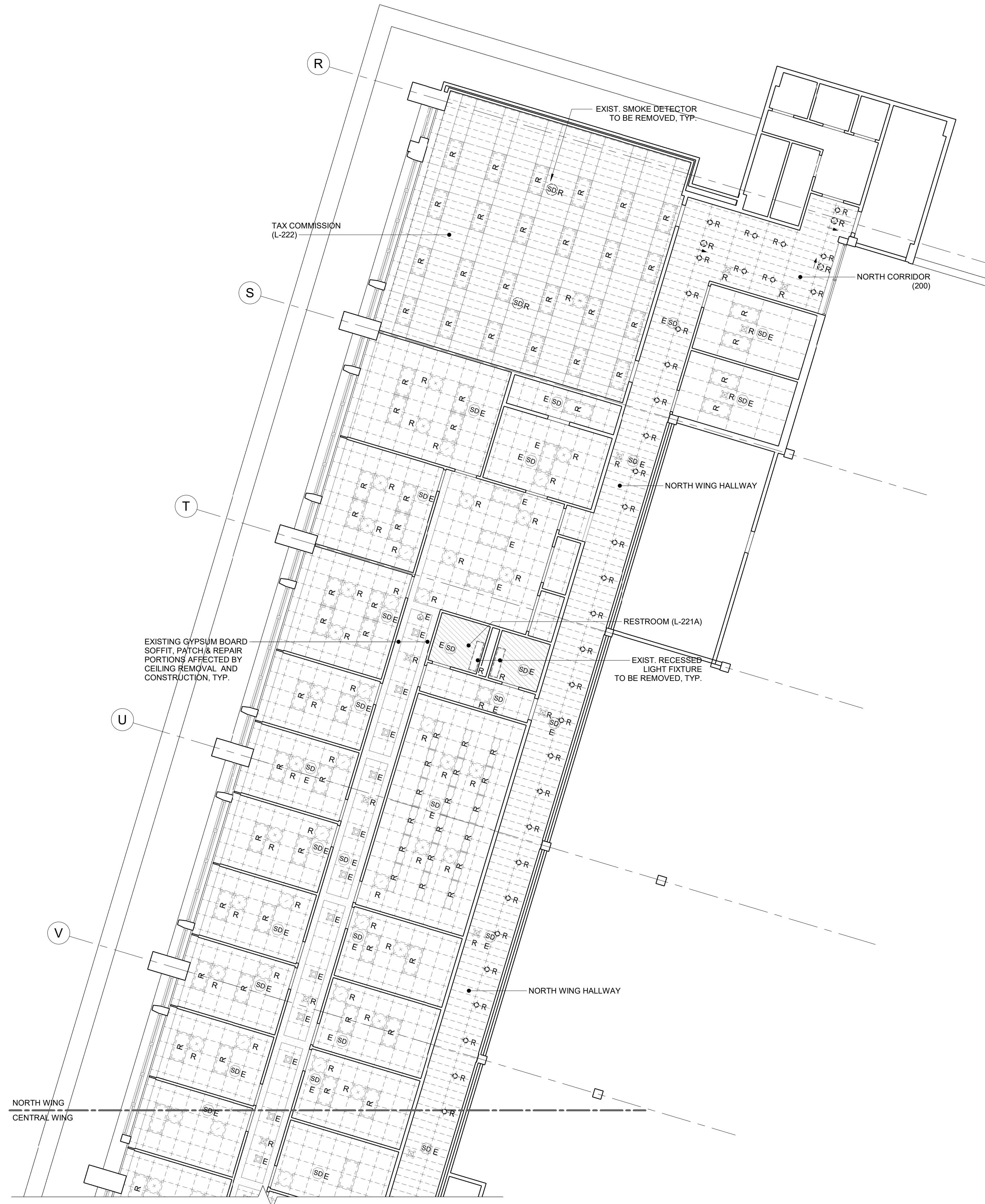
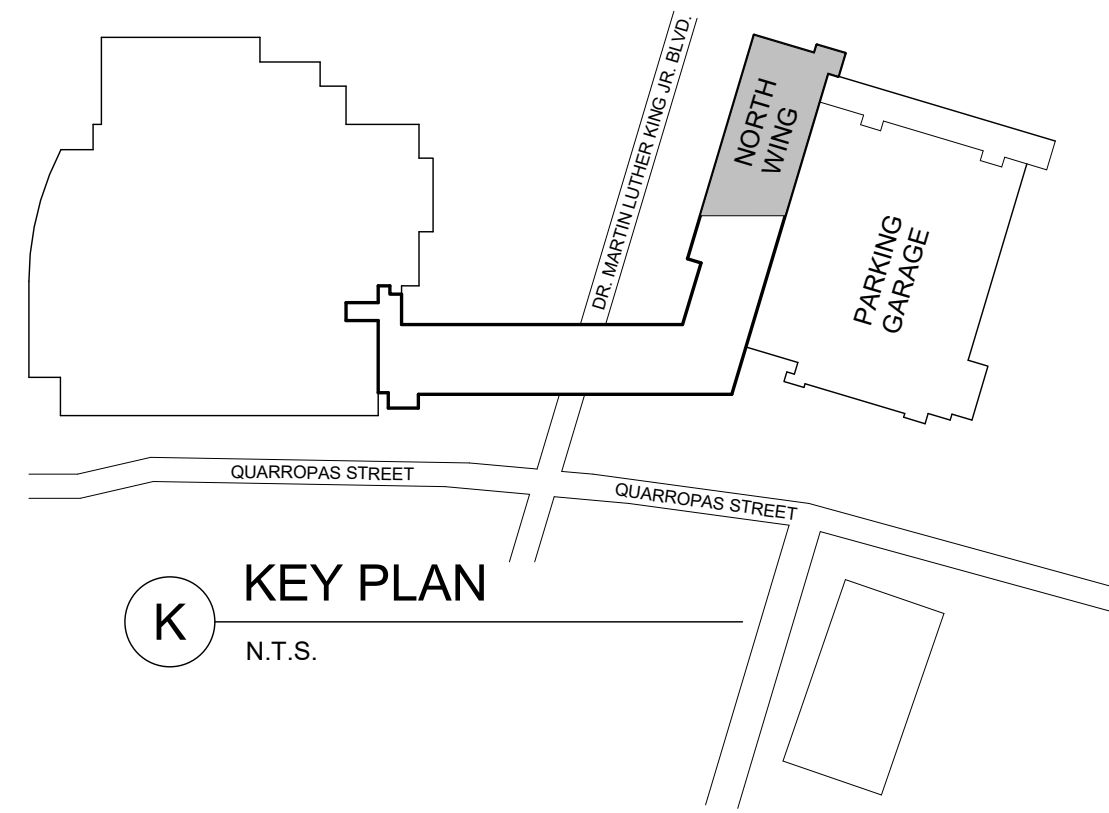


CONSULTANT INFORMATION

**Graf & Lewent**  
Architects LLP

90-30 161st Street, Jamaica, NY 11432  
P: 718-651-6200 F: 718-251-6989

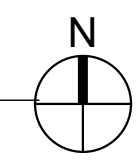
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
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TITLE:	DATE:		TITLE:	DATE:
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK				CONTRACT NUMBER 20-502 SHEET NO. 13 OF 133 SCALE: As indicated DATE: 01-19-2024 Issue Date DPW FILE NO. 52-11-G-1825-0 REV NO.
DEMO CEILING PLAN - 2ND FLOOR CENTRAL WING				DM-007



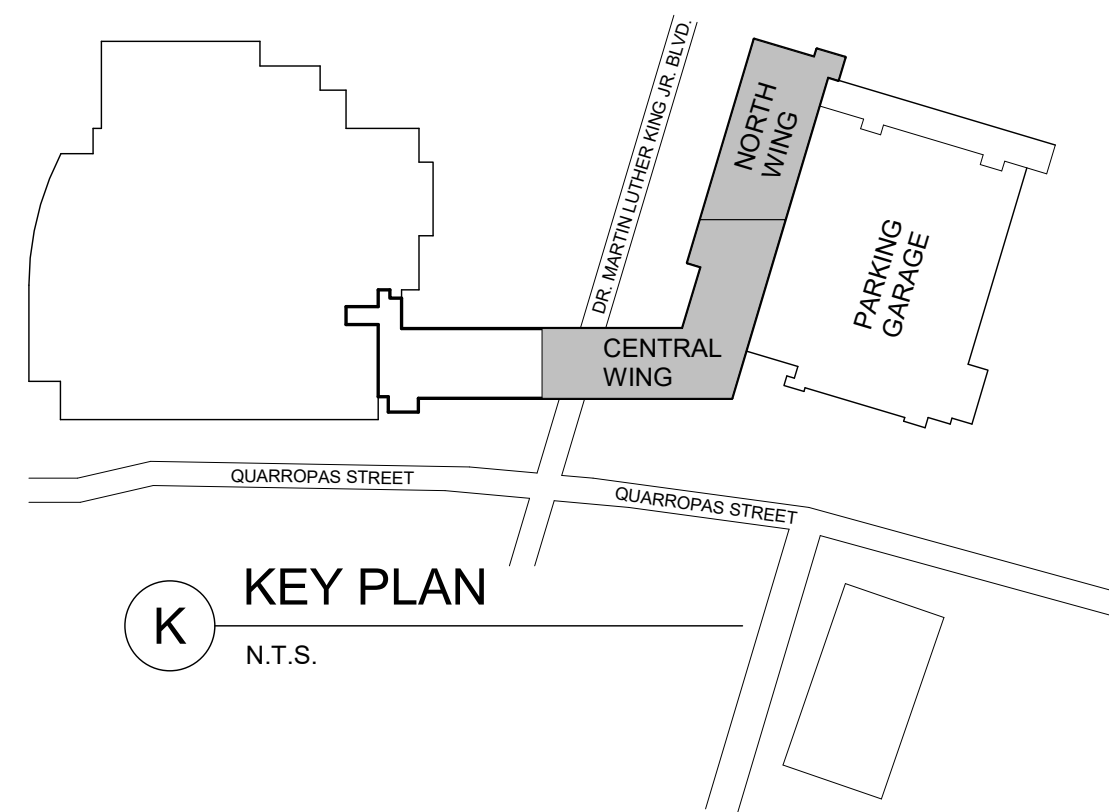
CEILING DEMOLITION PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXIST. WALL/ PARTITION TO REMAIN
	EXISTING COLUMN TO REMAIN
	EXISTING 2X2 ACOUSTICAL CEILING TILES AND GRIDS TO BE REMOVED
	EXISTING 2X4 ACOUSTICAL CEILING TILES AND GRIDS TO BE REMOVED
	EXISTING ACOUSTICAL CEILING TILES AND GRIDS TO BE REMOVED
	AREA OF EXISTING GYPSUM BOARD CEILING CONSTRUCTION TO BE REMOVED
	EXISTING LIGHT FIXTURE TO BE REMOVED & STORED FOR REINSTALLATION
	EXISTING DIFFUSER & RETURN REGISTER TO BE REMOVED
	EXISTING LIGHT FIXTURES TO BE REMOVED
	EXISTING CEILING MOUNTED EXIT SIGNS TO BE REMOVED
	EXISTING SMOKE DETECTOR TO REMAIN
	EXISTING WALL MOUNTED EXIT SIGN TO REMAIN
	EXISTING CEILING MOUNTED EXIT SIGN TO REMAIN
	EXISTING EXIT SIGN TO BE REMOVED

GENERAL NOTE:  
 1. ALL EXISTING CEILING MOUNTED WIFI DEVICE TO BE REMOVED BY THE COUNTY. GC TO COIL EXISTING WIRING AND SECURE FOR REINSTALLATION OF WAPS AFTER CEILING INSTALL.

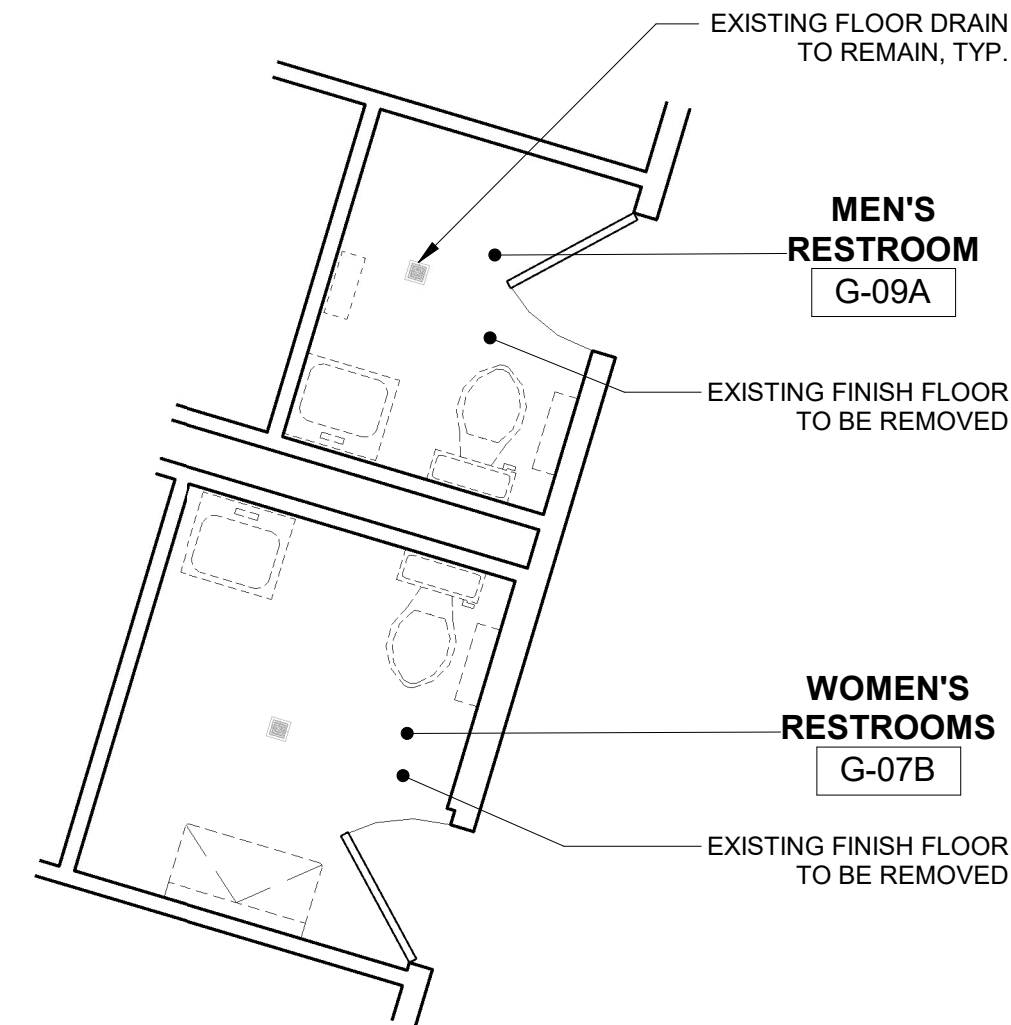
1 DEMOLITION REFLECTED CEILING PLAN - 2ND FLOOR NORTH WING  
 1/8" = 1'-0"



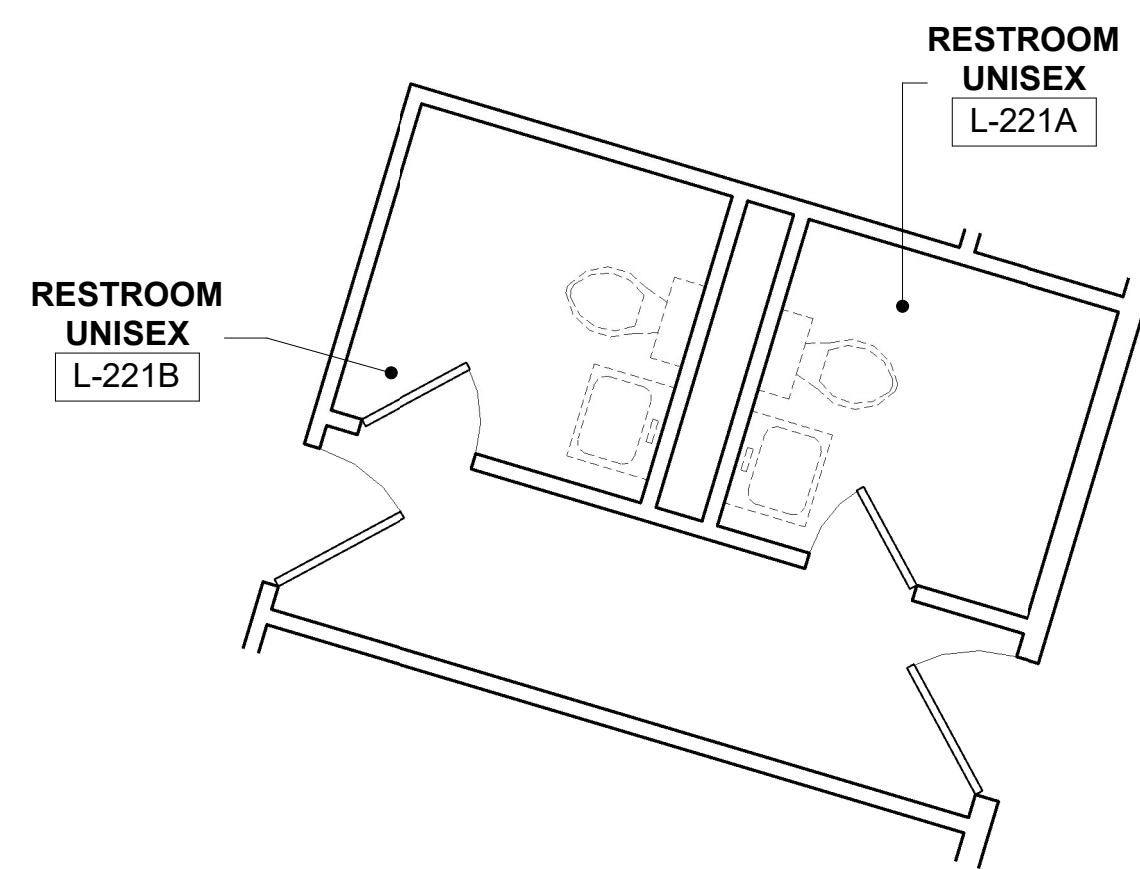
	CONSULTANT INFORMATION	
	<b>Graff &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY APP'D BY
RECORD DRAWING CERTIFICATION		
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TITLE:	DATE:	TITLE:
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502
DIVISION OF ENGINEERING		SHEET NUMBER DM-008
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/8" = 1'-0" DATE: 01-19-2024 Issue Date
DEMO CEILING PLAN - 2ND FLOOR NORTH WING		DPW FILE NO. 52-11-G-1826-0 REV. NO.



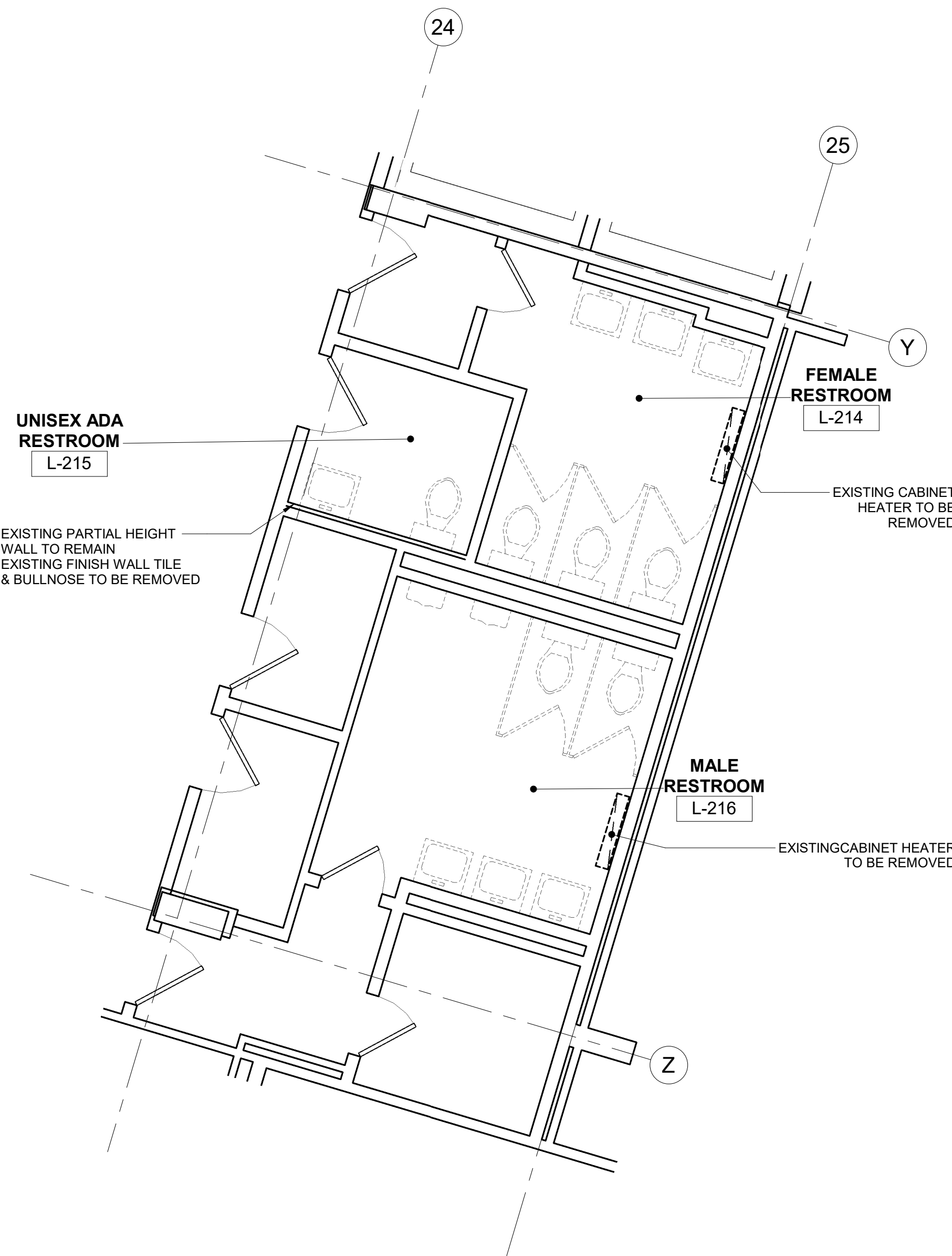
**K** KEY PLAN  
N.T.S.



**1** DETAIL DEMOLITION PLAN - 1ST FL - MEN'S AND WOMEN'S RESTROOMS  
1/4" = 1'-0"



**3** DEMOLITION FLOOR PLAN - 2ND FLOOR NORTH WING - RESTROOM  
1/4" = 1'-0"



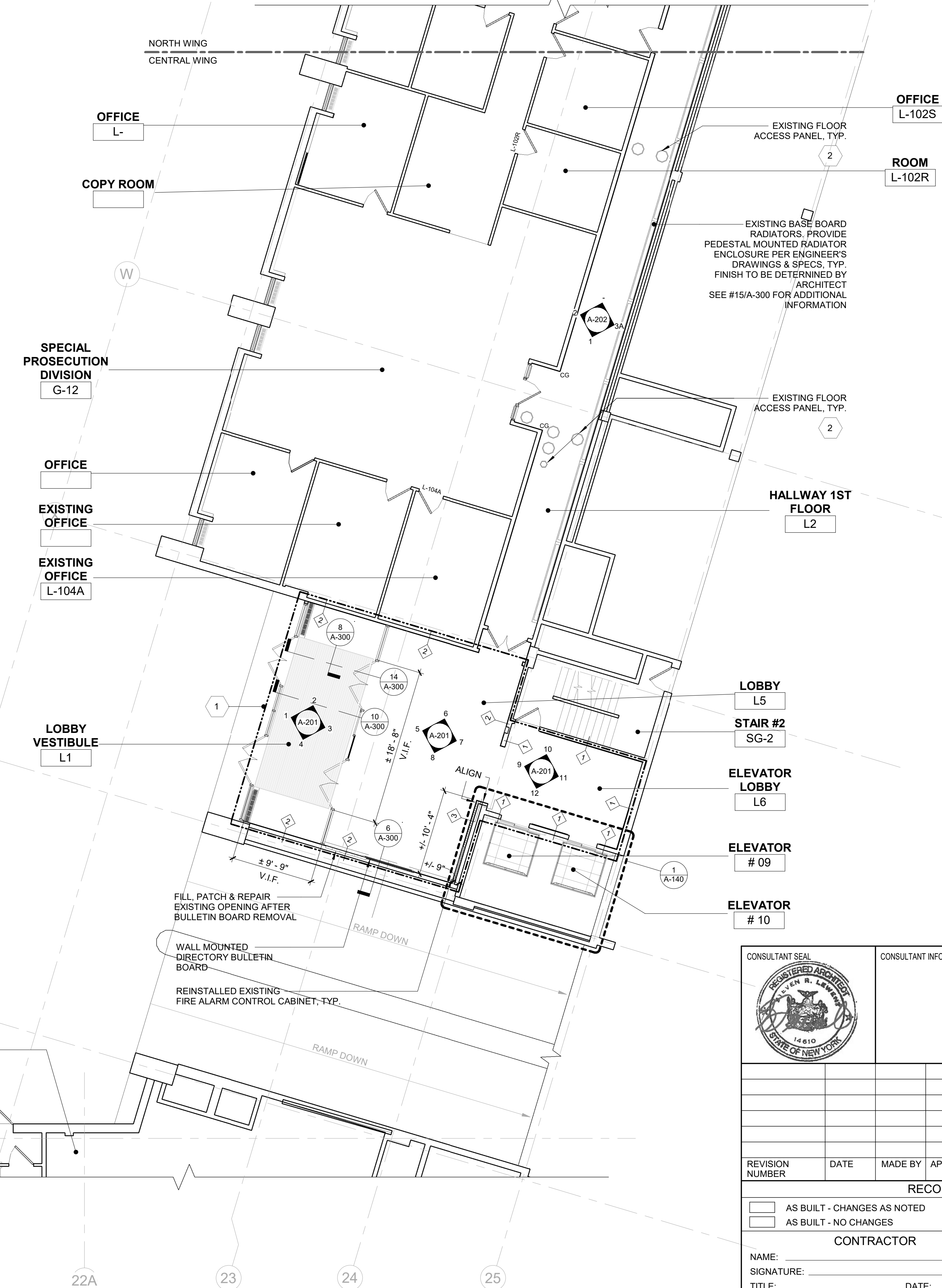
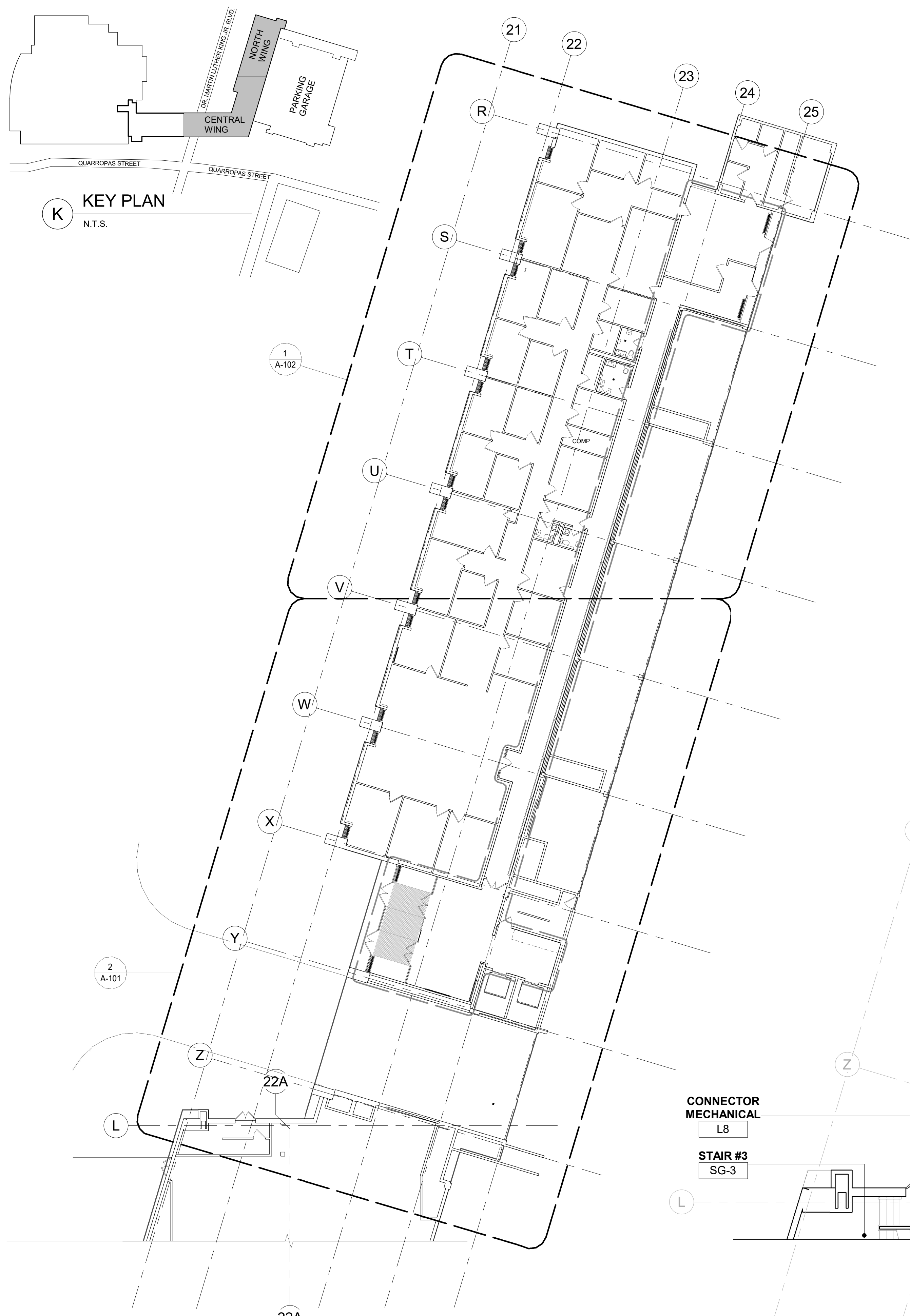
**2** DEMOLITION FLOOR PLAN - 2ND FLOOR CENTRAL WING - PUBLIC RESTROOMS  
1/4" = 1'-0"

DEMOLITION PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXIST. WALL/ PARTITION TO REMAIN
	EXISTING COLUMN TO REMAIN
	EXISTING DOOR TO REMAIN
	EXISTING SINK, FAUCET, COUNTER, AND CABINETS TO BE REMOVED

**DEMOLITION NOTES:**

1. REMOVE ALL FLOOR FINISHES AND ALL EXISTING WALL BASES IN AREA OF WORK, DOWN TO THE CONCRETE FLOOR.
2. ALL ACCESSORY CONSTRUCTION, BLOCKING, CLIPS, TRIM-WORK, AND ALL MISCELLANEOUS ITEMS SHALL BE REMOVED.
3. REMOVE ALL SURFACE MOUNTED OUTLETS, DEVICE, ETC. IN DEMO AREA.
4. ALL EXISTING WALLS, PARTITIONS, FLOORS, AND CEILINGS TO REMAIN THAT ARE DAMAGED DUE TO DEMOLITION WORK ARE TO BE REPAIRED & PATCHED AS REQUIRED. SEE GENERAL NOTE NO. 1 ON CONSTRUCTION PLANS.
5. CONTRACTOR MUST COORDINATE ALL DEMOLITION WORK WITH ASBESTOS ABATEMENT REQUIREMENTS.
6. SEE ENGINEERING DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.
7. ALL ITEMS INDICATED TO BE REMOVED ARE TO GIVE THE CONTRACTOR A SENSE OF THE QUANTITIES. REMOVE ALL ITEMS REGARDLESS OF THE EXACT QUANTITIES.
8. FLOOR REMOVAL TO BE COORDINATED WITH ASBESTOS ABATEMENT PROCEDURES.

	CONSULTANT INFORMATION																					
	<b>Graf &amp; Lewent</b> <b>Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989																					
<table border="1"> <thead> <tr> <th>REVISION NUMBER</th> <th>DATE</th> <th>MADE BY</th> <th>APP'D BY</th> <th>REVISION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>			REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION															
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CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____																				
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		<table border="1"> <tr> <td>CONTRACT NUMBER 20-502</td> <td>SHEET NUMBER <b>DM-009</b></td> </tr> <tr> <td>SHEET NO. 15</td> <td>OF 133</td> </tr> <tr> <td>SCALE: As indicated</td> <td>DATE: 01-19-2024 Issue Date</td> </tr> <tr> <td>DPW FILE NO. 52-11-G-1827-0</td> <td>REV NO.</td> </tr> </table>	CONTRACT NUMBER 20-502	SHEET NUMBER <b>DM-009</b>	SHEET NO. 15	OF 133	SCALE: As indicated	DATE: 01-19-2024 Issue Date	DPW FILE NO. 52-11-G-1827-0	REV NO.												
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DPW FILE NO. 52-11-G-1827-0	REV NO.																					
DETAIL DEMOLITION PLAN - RESTROOMS																						



CONSTRUCTION PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXISTING COLUMNS TO REMAIN (WITH OR WITHOUT STEEL PROFILE)
	EXISTING PARTITIONS/WALLS TO REMAIN
	EXISTING DOOR & DOOR FRAME TO REMAIN RECEIVE PAINT FINISH WHERE FACING AREA OF WORK EXCEPT NATURAL WOOD DOOR
	PARTITION PARTITION TYPE: SEE DETAILS ON A-300
	DETAIL SECTION TAG DETAIL / SECTION NUMBER SHEET NUMBER
	PLAN DETAIL TAG DETAIL NUMBER SHEET NUMBER
	INTERIOR ELEVATION TAG INTERIOR ELEVATION NUMBER SHEET NUMBER
	BUILDING SECTION TAG SECTION NUMBER SHEET NUMBER
	EXISTING COLUMN EXISTING GLAZING
	EXISTING WALL EXISTING FAN COIL
	WALL MOUNTED IN CABINET FE01 FIRE EXTINGUISHER
	EXISTING GLASS FRONT - STORE FRONT SYSTEM
	WALK-OFF METAL MAT 1ST FLOOR LOBBY "CS GROUP PEDITRED"

- GENERAL NOTES:
- PATCH & REPAIR EXISTING WALL/PARTITION AS REQUIRED. PREPARE EXISTING WALLS TO ACCEPT NEW FINISH.
  - ALL WORK ON FLOORS BELOW OR ABOVE AND IN ADJACENT AREAS THAT ARE DISTURBED OR DAMAGED DUE TO WORK RELATED TO THIS PROJECT SHALL BE REPAIRED TO MATCH PREVIOUS UNDAMAGED CONDITIONS.
  - PATCH, REPAIR, AND FLASH PATCH AT ALL AREAS TO RECEIVE NEW FLOORING TO ENSURE FLOOR SUBSTRATE IS LEVEL AND ABLE TO ACCEPT NEW FLOOR FINISH.
  - FLOORING CONTRACTOR SHALL ACCEPT CONDITION OF FLOOR PRIOR TO START OF ANY FLOORING MATERIAL INSTALLATION.

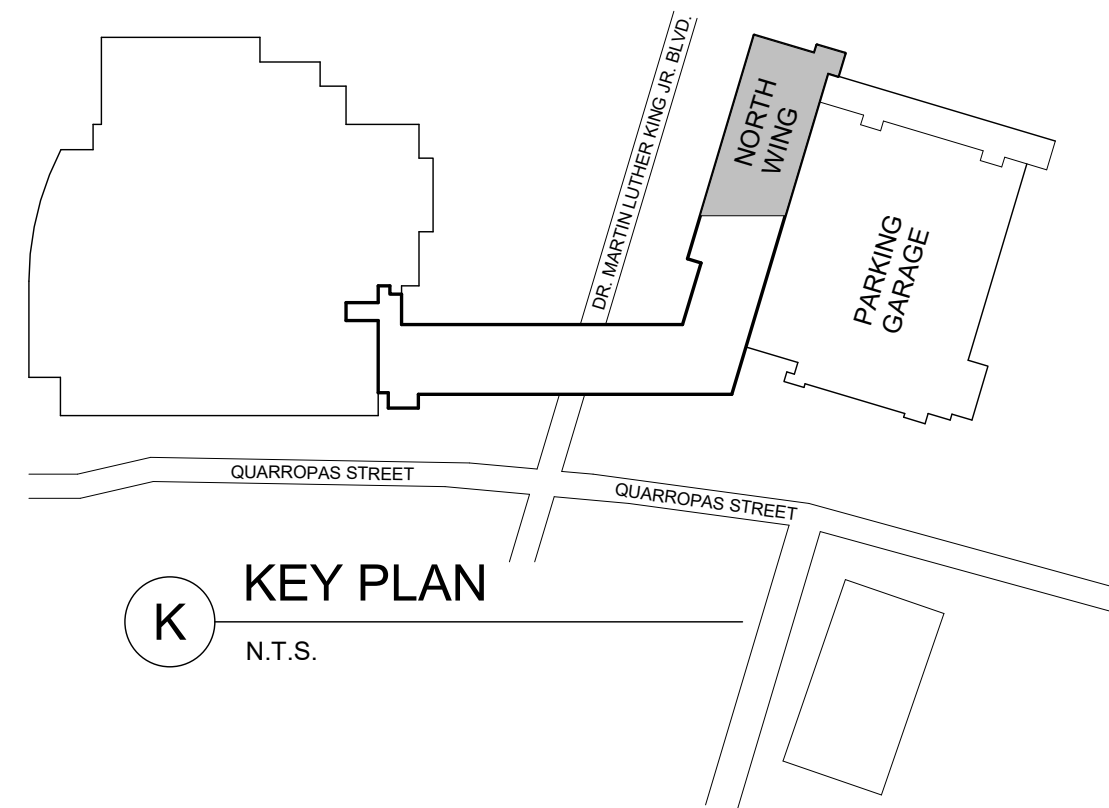
- CONSTRUCTION PLAN KEY NOTES:
- ALL WALL/PARTITION/COLUMN THAT ARE REMAINING SHALL RECEIVE A SKIM COAT LEVEL 4 FINISH OVER THE EXISTING SURFACE AFTER DEMOLITION WORK IS COMPLETED AND UTILITIES/CONDUITS ARE INSTALLED TO PROVIDE A SMOOTH LEVEL FINISH. EXISTING OUTLET TO BE EXTENDED AND PLATE MOUNTED ON TOP OF NEW FINISH.
  - PATCH & INSTALL COMPOUND FIT FLOOR ACCESS PANELS TO PROVIDE SMOOTH SURFACE FOR NEW FLOOR FINISH.

1 CONSTRUCTION PLAN - 1ST FLOOR OVERALL  
1/16" = 1'-0"

2 CONSTRUCTION PLAN - 1ST FLOOR CENTRAL WING  
1/8" = 1'-0"

		CONSULTANT INFORMATION <b>Graff &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989		
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING				CONTRACT NUMBER 20-502 SHEET NO. 16 OF 133 A-101
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK				SCALE: As indicated DATE: 01-19-2024 Issue Date DPW FILE NO. 52-11-A-1828-0 REV NO.
CONSTRUCTION PLAN - 1ST FLOOR OVERALL & CENTRAL WING				

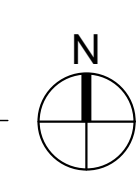




**K** KEY PLAN  
N.T.S.



**1** CONSTRUCTION PLAN - 1ST FLOOR NORTH WING  
1/8" = 1'-0"

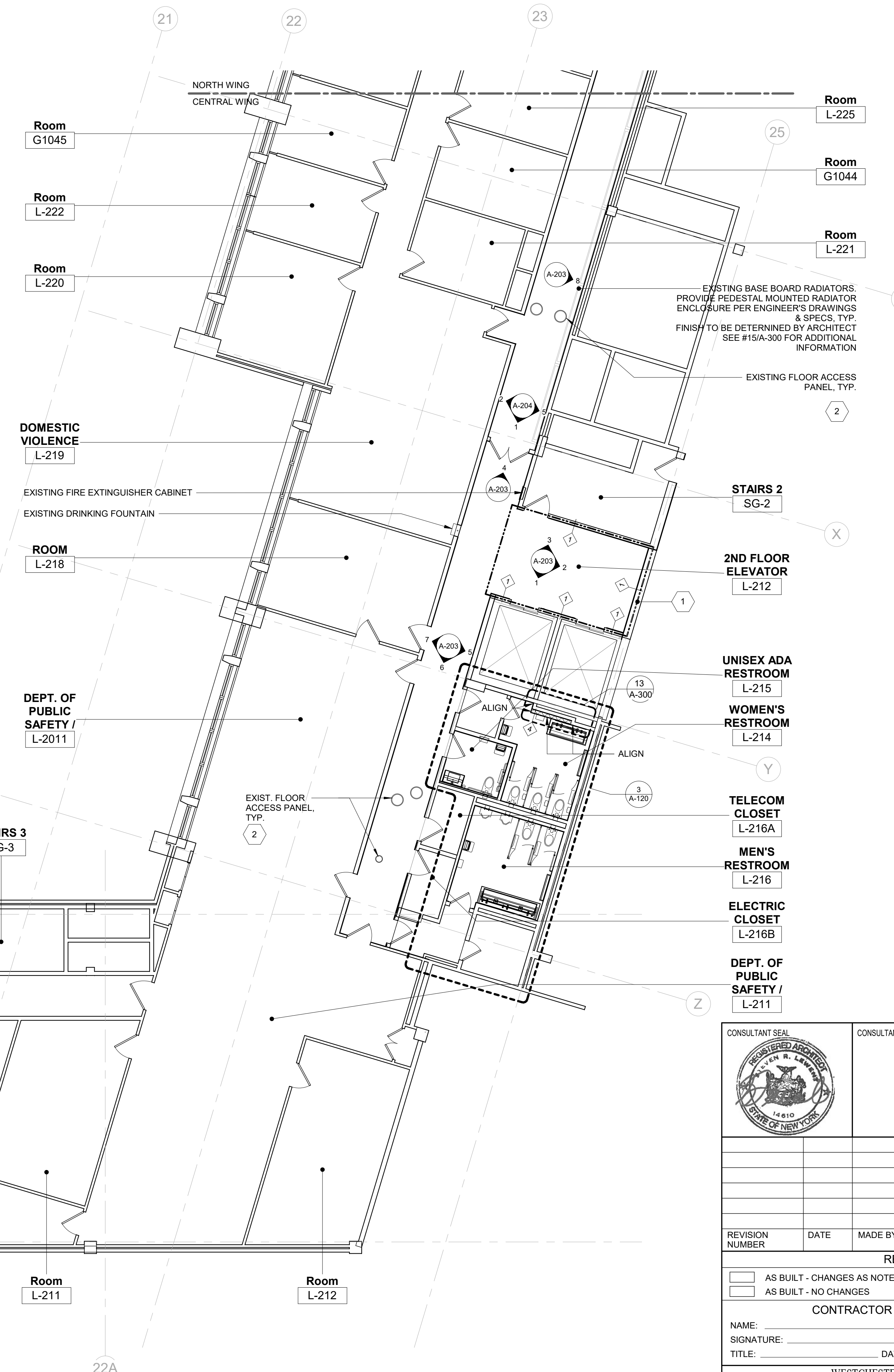
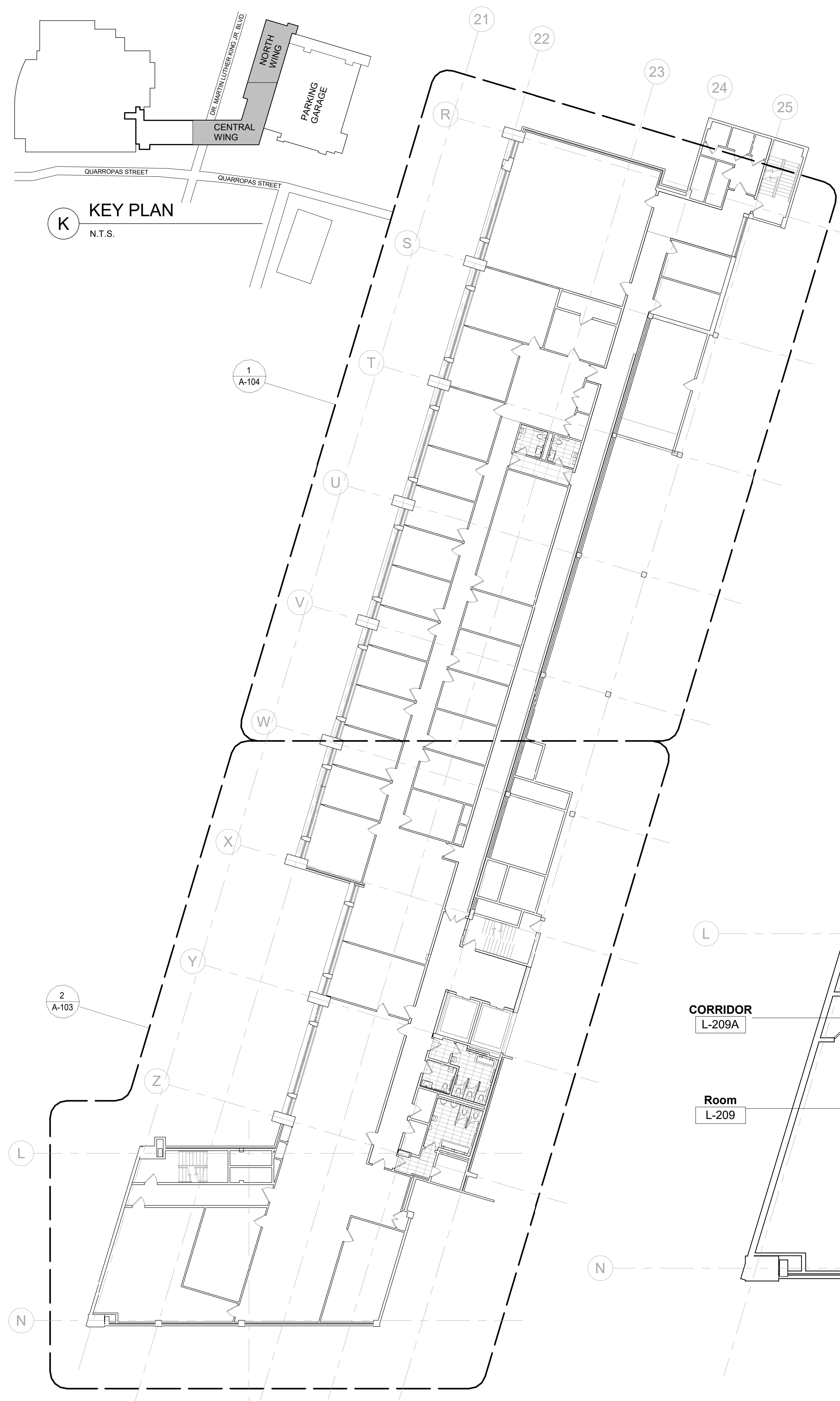


CONSTRUCTION PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXISTING COLUMNS TO REMAIN (WITH OR WITHOUT STEEL PROFILE)
	EXISTING PARTITIONS/WALLS TO REMAIN
	EXISTING DOOR & DOOR FRAME TO REMAIN RECEIVE PAINT FINISH WHERE FACING AREA OF WORK EXCEPT NATURAL WOOD DOOR
	PARTITION
	PARTITION TYPE: SEE DETAILS ON A-300
	DETAIL SECTION TAG
	DETAIL / SECTION NUMBER SHEET NUMBER
	PLAN DETAIL TAG
	DETAIL NUMBER SHEET NUMBER
	INTERIOR ELEVATION TAG
	INTERIOR ELEVATION NUMBER SHEET NUMBER
	BUILDING SECTION TAG
	SECTION NUMBER SHEET NUMBER
	EXISTING COLUMN EXISTING GLAZING EXISTING WALL EXISTING FAN COIL
	WALL MOUNTED IN CABINET FE01 FIRE EXTINGUISHER
	EXISTING GLASS FRONT - STORE FRONT SYSTEM
	WALK-OFF METAL MAT 1ST FLOOR LOBBY "CS GROUP PEDITRED"

- GENERAL NOTES:
- PATCH & REPAIR EXISTING WALL/PARTITION AS REQUIRED. PREPARE EXISTING WALLS TO ACCEPT NEW FINISH.
  - ALL WORK ON FLOORS BELOW OR ABOVE AND IN ADJACENT AREAS THAT ARE DISTURBED OR DAMAGED DUE TO WORK RELATED TO THIS PROJECT SHALL BE REPAIRED TO MATCH PREVIOUS UNDAIMAGED CONDITIONS.
  - PATCH, REPAIR, AND FLASH PATCH AT ALL AREAS TO RECEIVE NEW FLOORING TO ENSURE FLOOR SUBSTRATE IS LEVEL AND ABLE TO ACCEPT NEW FLOOR FINISH.
  - FLOORING CONTRACTOR SHALL ACCEPT CONDITION OF FLOOR PRIOR TO START OF ANY FLOORING MATERIAL INSTALLATION.

- CONSTRUCTION PLAN KEY NOTES:
- PATCH & INSTALL COMPOUND FIT FLOOR ACCESS PANELS TO PROVIDE SMOOTH SURFACE FOR NEW FLOOR FINISH.

	CONSULTANT INFORMATION			
	<b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989			
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	A-102	
DIVISION OF ENGINEERING		SHEET NO. 17	OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE:	1/8" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: 01-19-2024	Issue Date	
WHITE PLAINS, NEW YORK		DPW FILE NO.	REV NO.	
CONSTRUCTION PLAN - 1ST FLOOR - NORTH WING		52-11-A-1829-0		



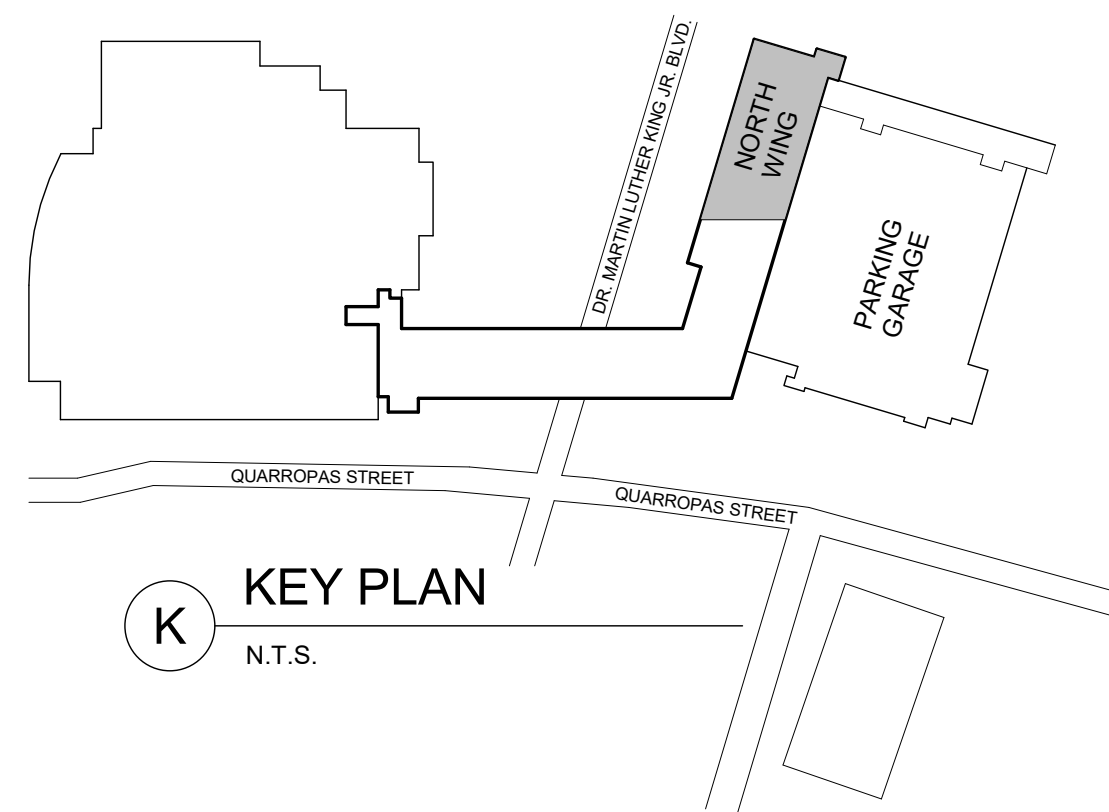
CONSTRUCTION PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXISTING COLUMNS TO REMAIN (WITH OR WITHOUT STEEL PROFILE)
	EXISTING PARTITIONS/WALLS TO REMAIN
	EXISTING DOOR & DOOR FRAME TO REMAIN RECEIVE PAINT FINISH WHERE FACING AREA OF WORK EXCEPT NATURAL WOOD DOOR
	PARTITION PARTITION TYPE: SEE DETAILS ON A-300
	DETAIL SECTION TAG DETAIL / SECTION NUMBER SHEET NUMBER
	PLAN DETAIL TAG DETAIL NUMBER SHEET NUMBER
	INTERIOR ELEVATION TAG INTERIOR ELEVATION NUMBER SHEET NUMBER
	BUILDING SECTION TAG SECTION NUMBER SHEET NUMBER
	EXISTING COLUMN
	EXISTING GLAZING
	EXISTING WALL
	EXISTING FAN COIL
	WALL MOUNTED IN CABINET FE01 FIRE EXTINGUISHER
	EXISTING GLASS FRONT - STORE FRONT SYSTEM
	WALK-OFF METAL MAT 1ST FLOOR LOBBY "CS GROUP PEDITRED"

- GENERAL NOTES:
- PATCH & REPAIR EXISTING WALL/PARTITION AS REQUIRED. PREPARE EXISTING WALLS TO ACCEPT NEW FINISH.
  - ALL WORK ON FLOORS BELOW OR ABOVE AND IN ADJACENT AREAS THAT ARE DISTURBED OR DAMAGED DUE TO WORK RELATED TO THIS PROJECT SHALL BE REPAIRED TO MATCH PREVIOUS UNDAMAGED CONDITIONS.
  - PATCH, REPAIR, AND FLASH PATCH AT ALL AREAS TO RECEIVE NEW FLOORING TO ENSURE FLOOR SUBSTRATE IS LEVEL AND ABLE TO ACCEPT NEW FLOOR FINISH.
  - FLOORING CONTRACTOR SHALL ACCEPT CONDITION OF FLOOR PRIOR TO START OF ANY FLOORING MATERIAL INSTALLATION.
- CONSTRUCTION PLAN KEY NOTES:
- ALL WALL/PARTITION/COLUMN THAT ARE REMAINING SHALL RECEIVE A SKIM COAT LEVEL 4 FINISH OVER THE EXISTING SURFACE AFTER DEMOLITION WORK IS COMPLETE AND UTILITIES/CONDUITS ARE INSTALLED TO PROVIDE A SMOOTH LEVEL FINISH. EXISTING OUTLET TO BE EXTENDED AND PLATE MOUNTED ON TOP OF NEW FINISH.
  - PATCH & INSTALL COMPOUND FIT FLOOR ACCESS PANELS TO PROVIDE SMOOTH SURFACE FOR NEW FLOOR FINISH.

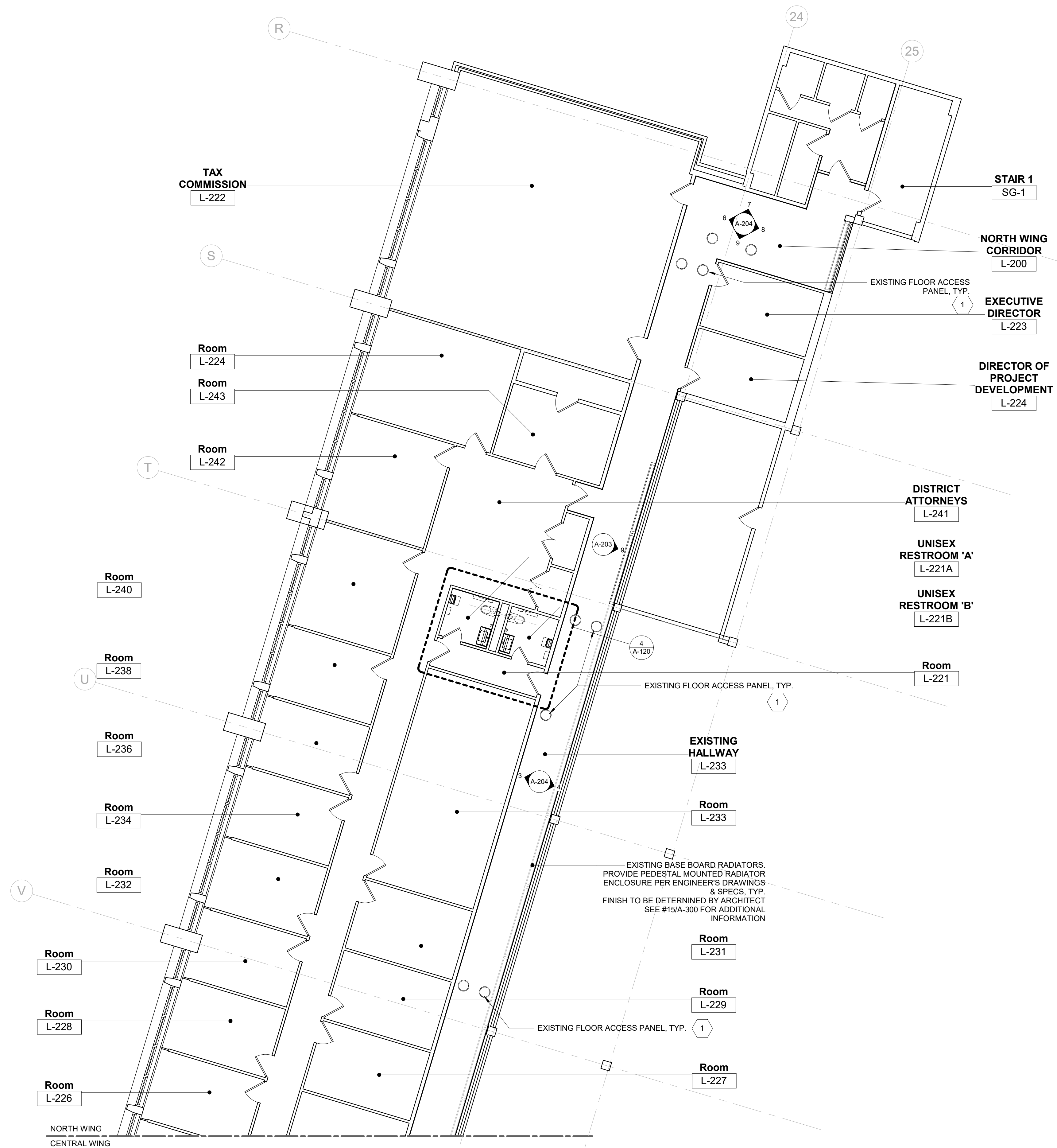
1 CONSTRUCTION PLAN - 2ND FLOOR OVERALL  
1/16" = 1'-0"

2 CONSTRUCTION PLAN - 2ND FLOOR CENTRAL WING  
1/8" = 1'-0"

		CONSULTANT INFORMATION <b>Graff &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989		
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK				CONTRACT NUMBER 20-502 SHEET NO. 18 OF 133 SCALE: As indicated DATE: 01-19-2024 Issue Date DPWF FILE NO. 52-11-A-1830-0 REV NO.
CONSTRUCTION PLAN - 2ND FLOOR OVERALL & CENTRAL WING				



**K** KEY PLAN  
N.T.S.



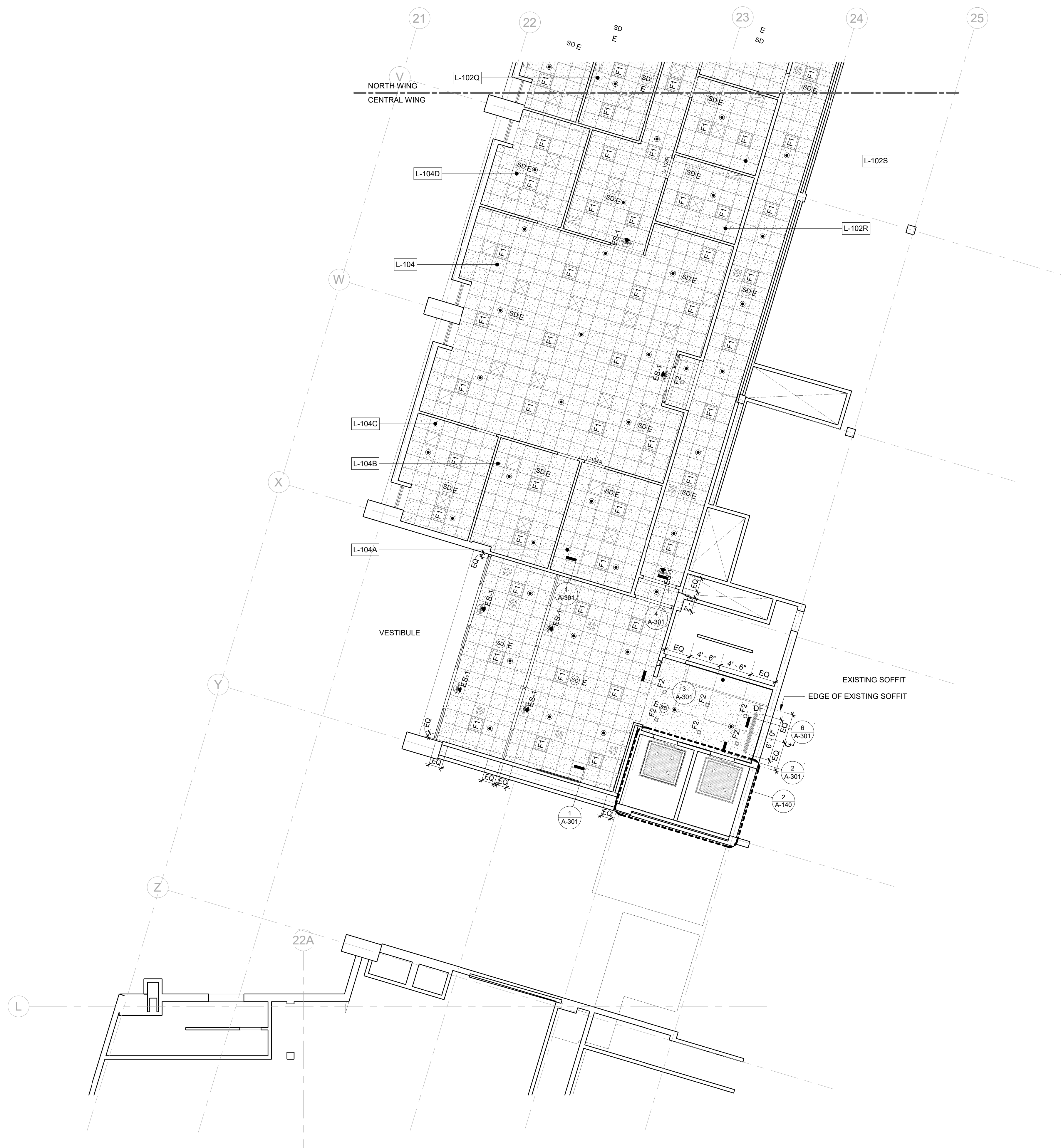
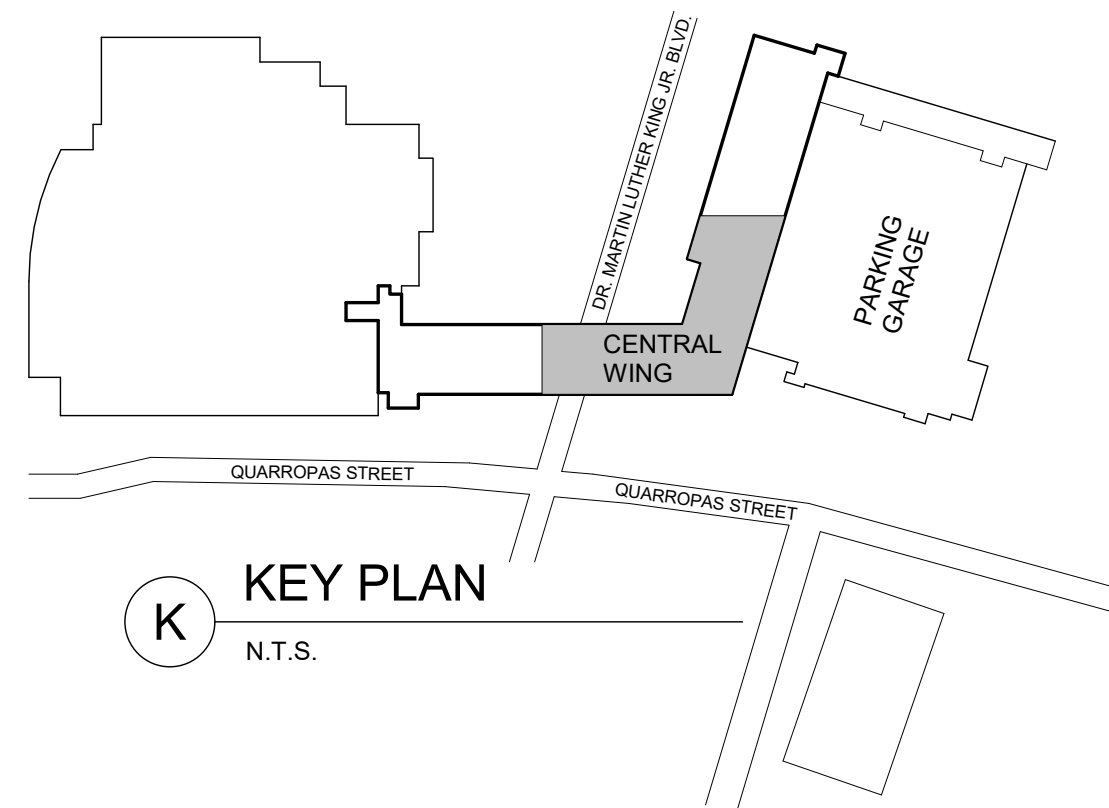
**1** CONSTRUCTION PLAN - 2ND FLOOR NORTH WING  
1/8" = 1'-0"

CONSTRUCTION PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXISTING COLUMNS TO REMAIN (WITH OR WITHOUT STEEL PROFILE)
	EXISTING PARTITIONS/WALLS TO REMAIN
	EXISTING DOOR & DOOR FRAME TO REMAIN RECEIVE PAINT FINISH WHERE FACING AREA OF WORK EXCEPT NATURAL WOOD DOOR
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	DETAIL SECTION TAG DETAIL / SECTION NUMBER SHEET NUMBER
	PLAN DETAIL TAG DETAIL NUMBER SHEET NUMBER
	INTERIOR ELEVATION TAG SHEET NUMBER
	BUILDING SECTION TAG SECTION NUMBER SHEET NUMBER
	EXISTING COLUMN EXISTING GLAZING EXISTING WALL EXISTING FAN COIL
	WALL MOUNTED IN CABINET FE01 FIRE EXTINGUISHER
	EXISTING GLASS FRONT - STORE FRONT SYSTEM
	WALK-OFF METAL MAT 1ST FLOOR LOBBY "CS GROUP PEDITRED"

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- CONSTRUCTION PLAN KEY NOTES:
- PATCH & INSTALL COMPOUND FIT FLOOR ACCESS PANELS TO PROVIDE SMOOTH SURFACE FOR NEW FLOOR FINISH.

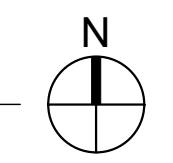
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER A-104	
DIVISION OF ENGINEERING		SHEET NO. 19 OF 133		
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/8" = 1'-0"	DATE: 01-19-2024	Issue Date
CONSTRUCTION PLAN - 2ND FLOOR - NORTH WING		DPW FILE NO.	REV NO.	
		52-11-A-1831-0		



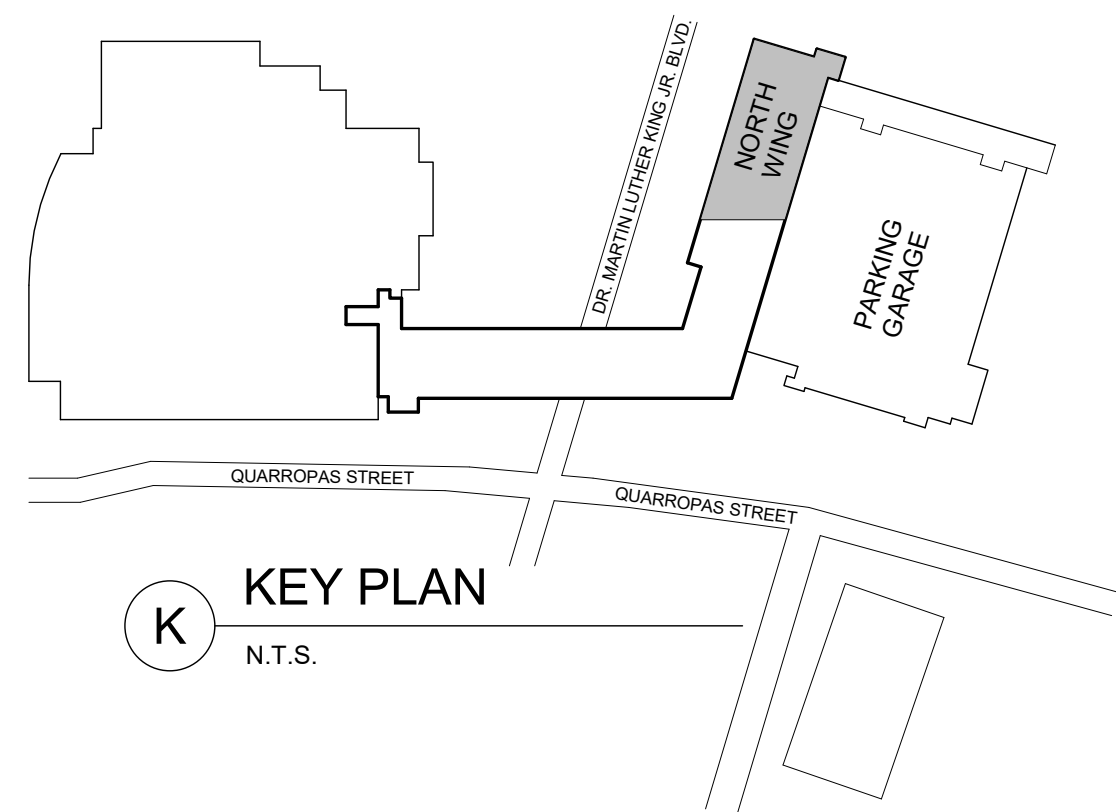
REFLECTIVE CEILING PLAN LEGEND	
SYMBOL	DESCRIPTION
	2'x2' ACOUSTICAL CEILING SYSTEM CEILING TYPE 1 (ACT-1)
	2'x4' ACOUSTICAL CEILING SYSTEM CEILING TYPE 2 (ACT-2) AT INNER HALLWAY
	GYPSUM BOARD CEILING AND SOFFITS
	EXISTING GYPSUM BOARD SOFFITS & FASCIA
	NEW LIGHT FIXTURES SEE LIGHT FIXTURE SCHEDULE ON A-304
	EXISTING LIGHT FIXTURE TO BE REINSTALLED
	NEW DIFFUSER & RETURN REGISTER SEE ENGINEERING DRAWINGS LOCATION PER ENGINEERING DRAWINGS
	NEW LINEAR CEILING DIFFUSER
	NEW SPRINKLER HEAD SEE ENGINEERING DRAWINGS
	EXISTING SMOKE DETECTOR
	NEW SMOKE DETECTOR
	NEW EXIT SIGN - CEILING MOUNTED SEE SCHEDULE ON A-30X DIRECTIONAL ARROWS (TYP.)
	EXISTING EXIT SIGN - WALL MOUNTED
	EXISTING EXIT SIGN - CEILING MOUNTED

- GENERAL NOTES:
1. ALL DEVICES SUCH AS SMOKE DETECTORS, OCCUPANCY SENSORS, CEILING MOUNTED CAMERA, MIC, SPEAKER, ETC. ARE TO BE LOCATED IN THE CENTER OF THE CEILING TILES
  2. ALL SUSPENDED CEILINGS TO BE INSTALLED AT HEIGHT OF EXISTING FINISH CEILING.
  3. ACOUSTICAL CEILING TILE GRID ALIGN WITH EXISTING DIFFUSER & RETURN GRILL.
  4. PROVIDE FINISH AT EXISTING GYPSUM BOARD CEILING. PAINT TO MATCH EXISTING.
  5. ALL LIGHT FIXTURES ARE TO BE LOCATED IN THE CENTER OF CEILING TILES.

1 REFLECTED CEILING PLAN - 1ST FLOOR - CENTRAL WING  
1/8" = 1'-0"



	CONSULTANT INFORMATION											
	<b>Graf &amp; Lewent</b> <b>Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989											
<table border="1"> <thead> <tr> <th>REVISION NUMBER</th> <th>DATE</th> <th>MADE BY</th> <th>APP'D BY</th> <th>REVISION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION					
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION								
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER: 20-502 SHEET NUMBER: A-105 SHEET NO. 20 OF 133 SCALE: 1/8" = 1'-0" DATE: 01-19-2024 Issue Date DPW FILE NO. REV NO.										
REFLECTED CEILING PLAN - 1ST FLOOR - CENTRAL WING		52-11-A-1832-0										

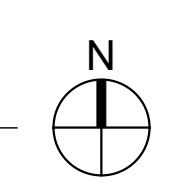


REFLECTIVE CEILING PLAN LEGEND	
SYMBOL	DESCRIPTION
	2'x2' ACOUSTICAL CEILING SYSTEM CEILING TYPE 1 (ACT-1)
	2'x4' ACOUSTICAL CEILING SYSTEM CEILING TYPE 2 (ACT-2) AT INNER HALLWAY
	GYPSUM BOARD CEILING AND SOFFITS
	EXISTING GYPSUM BOARD SOFFITS & FASCIA
	NEW LIGHT FIXTURES SEE LIGHT FIXTURE SCHEDULE ON A-304
	EXISTING LIGHT FIXTURE TO BE REINSTALLED
	NEW DIFFUSER & RETURN REGISTER SEE ENGINEERING DRAWINGS LOCATION PER ENGINEERING DRAWINGS
	NEW LINEAR CEILING DIFFUSER
	NEW SPRINKLER HEAD SEE ENGINEERING DRAWINGS
	EXISTING SMOKE DETECTOR NEW SMOKE DETECTOR
	NEW EXIT SIGN - CEILING MOUNTED SEE SCHEDULE ON A-30X DIRECTIONAL ARROWS (TYP.) EXISTING EXIT SIGN - WALL MOUNTED
	EXISTING EXIT SIGN - CEILING MOUNTED

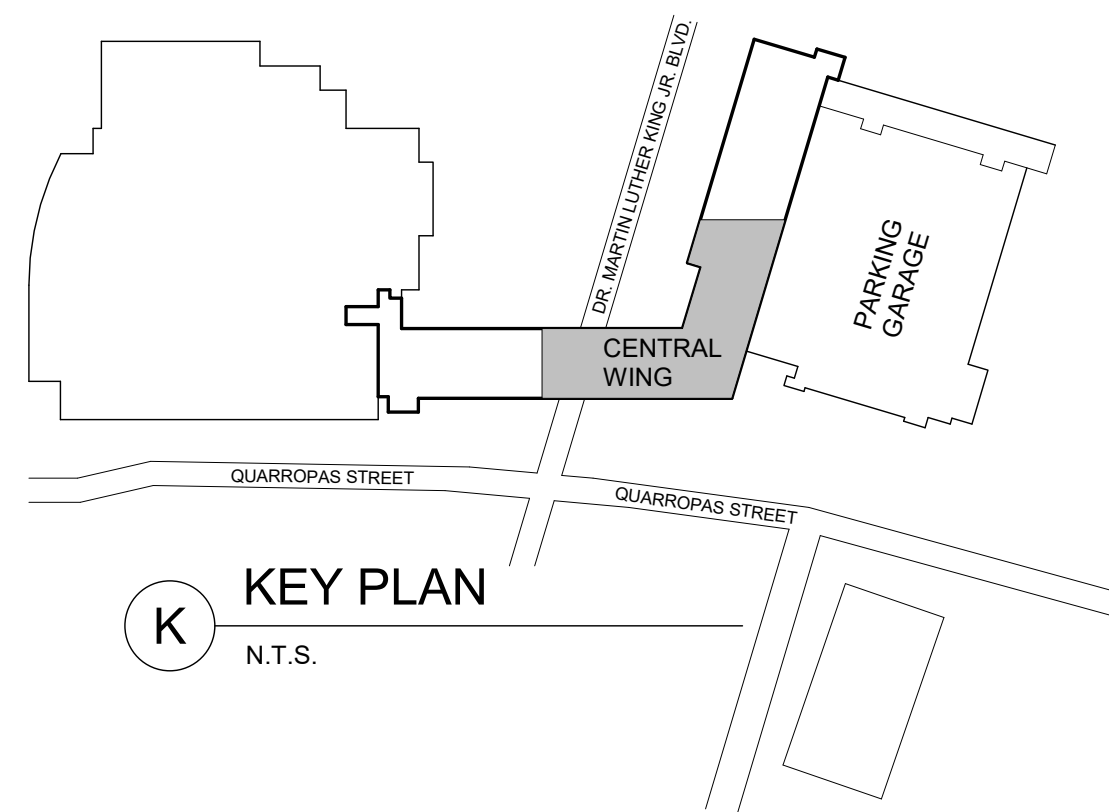
- GENERAL NOTES:
1. ALL DEVICES SUCH AS SMOKE DETECTORS, OCCUPANCY SENSORS, CEILING MOUNTED CAMERA, MIC, SPEAKER, ETC. ARE TO BE LOCATED IN THE CENTER OF THE CEILING TILES
  2. ALL SUSPENDED CEILINGS TO BE INSTALLED AT HEIGHT OF EXISTING FINISH CEILING.
  3. ACOUSTICAL CEILING TILE GRID ALIGN WITH EXISTING DIFFUSER & RETURN GRILL.
  4. PROVIDE FINISH AT EXISTING GYPSUM BOARD CEILING. PAINT TO MATCH EXISTING.
  5. ALL LIGHT FIXTURES ARE TO BE LOCATED IN THE CENTER OF CEILING TILES.

- REFLECTED CEILING PLAN KEY NOTES:
- 1 EXISTING GYPSUM BOARD CEILING TO BE REPAIRED AND REPAINT AFTER LIGHT FIXTURE REPLACEMENT.

**1 REFLECTED CEILING PLAN - 1ST FLOOR - NORTH WING**  
1/8" = 1'-0"



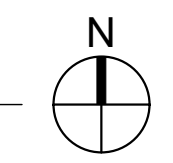
	CONSULTANT INFORMATION	
	<b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION		
REVISION NUMBER	DATE	MADE BY APP'D BY
REVISION		
RECORD DRAWING CERTIFICATION		
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SIGNATURE: _____	SIGNATURE: _____	SIGNATURE: _____
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502
DIVISION OF ENGINEERING		SHEET NUMBER A-106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/8" = 1'-0"
REFLECTED CEILING PLAN - 1ST FLOOR - NORTH WING		DATE: 01-19-2024 Issue Date DPW FILE NO. 52-11-A-1833-0 REV NO.



**K** KEY PLAN  
N.T.S.



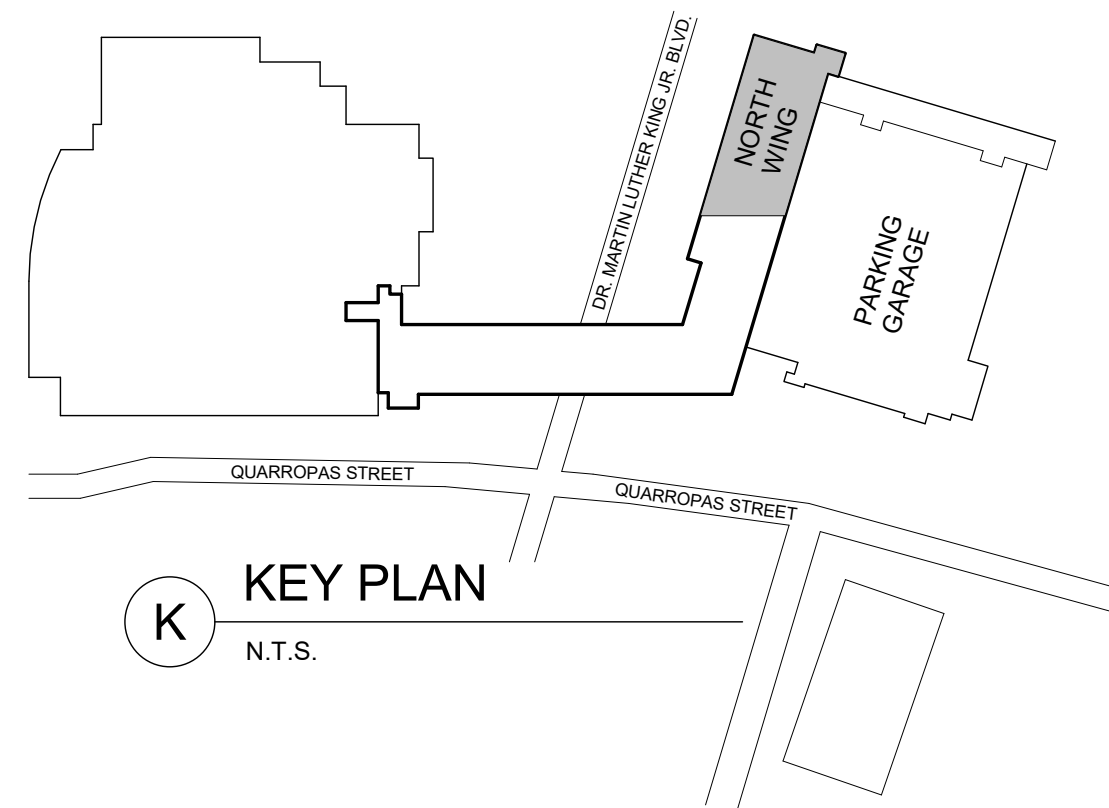
**1** REFLECTED CEILING PLAN - 2ND FLOOR - CENTRAL WING  
1/8" = 1'-0"



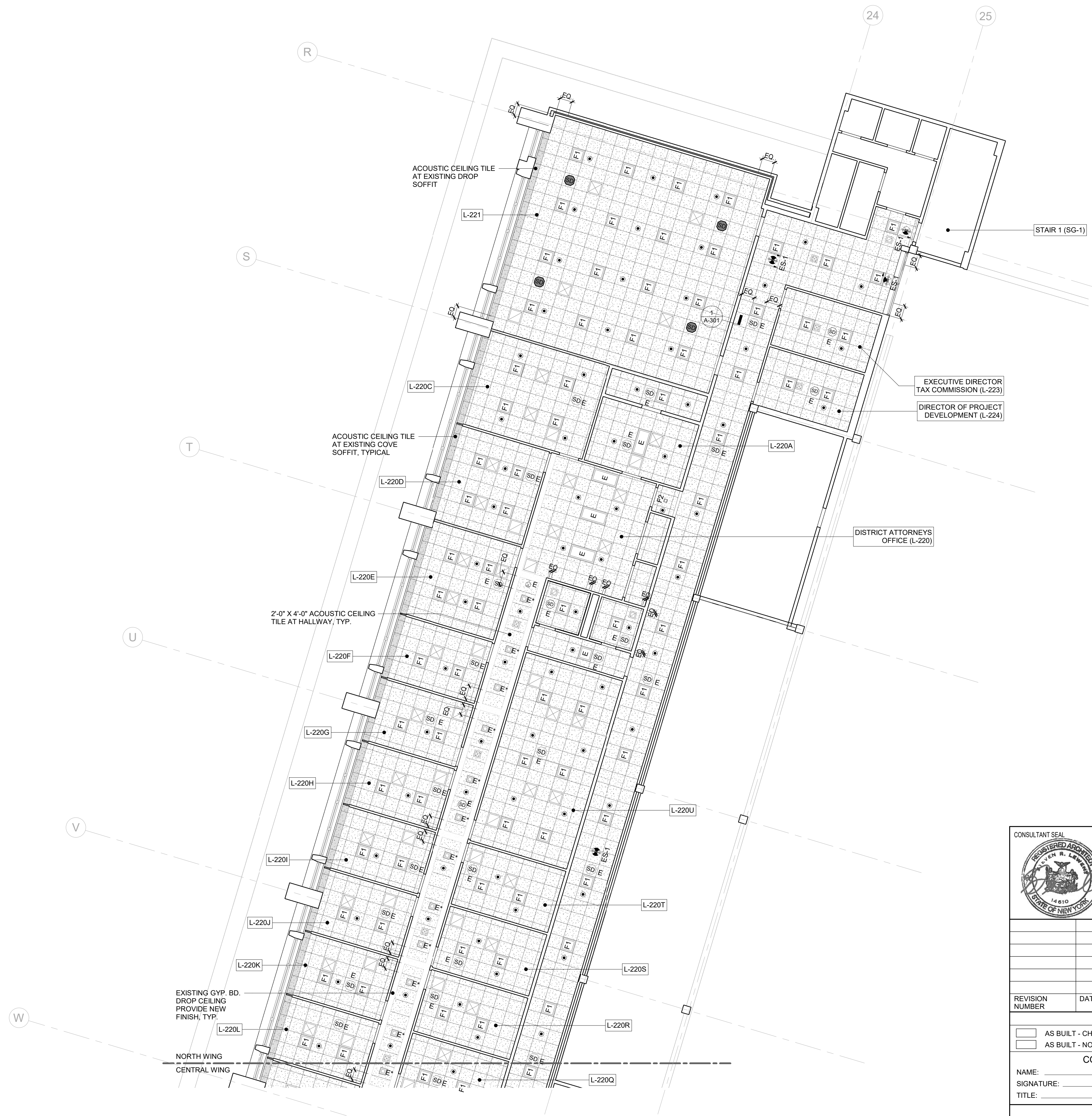
REFLECTIVE CEILING PLAN LEGEND	
SYMBOL	DESCRIPTION
	2'x2' ACOUSTICAL CEILING SYSTEM CEILING TYPE 1 (ACT-1)
	2'x4' ACOUSTICAL CEILING SYSTEM CEILING TYPE 2 (ACT-2) AT INNER HALLWAY
	GYPSUM BOARD CEILING AND SOFFITS
	EXISTING GYPSUM BOARD SOFFITS & FASCIA
	NEW LIGHT FIXTURES SEE LIGHT FIXTURE SCHEDULE ON A-304
	EXISTING LIGHT FIXTURE TO BE REINSTALLED
	NEW DIFFUSER & RETURN REGISTER SEE ENGINEERING DRAWINGS LOCATION PER ENGINEERING DRAWINGS
	NEW LINEAR CEILING DIFFUSER
	NEW SPRINKLER HEAD SEE ENGINEERING DRAWINGS
	EXISTING SMOKE DETECTOR
	NEW SMOKE DETECTOR
	NEW EXIT SIGN - CEILING MOUNTED SEE SCHEDULE ON A-30X DIRECTIONAL ARROWS (TYP.)
	EXISTING EXIT SIGN - WALL MOUNTED
	EXISTING EXIT SIGN - CEILING MOUNTED

- GENERAL NOTES:
1. ALL DEVICES SUCH AS SMOKE DETECTORS, OCCUPANCY SENSORS, CEILING MOUNTED CAMERA, MIC, SPEAKER, ETC. ARE TO BE LOCATED IN THE CENTER OF THE CEILING TILES
  2. ALL SUSPENDED CEILINGS TO BE INSTALLED AT HEIGHT OF EXISTING FINISH CEILING.
  3. ACOUSTICAL CEILING TILE GRID ALIGN WITH EXISTING DIFFUSER & RETURN GRILL.
  4. PROVIDE FINISH AT EXISTING GYPSUM BOARD CEILING. PAINT TO MATCH EXISTING.
  5. ALL LIGHT FIXTURES ARE TO BE LOCATED IN THE CENTER OF CEILING TILES.

	CONSULTANT INFORMATION		
	<p align="center"><b>Graff &amp; Lewent</b> Architects LLP</p> <p align="center">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>		
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER A-107
DIVISION OF ENGINEERING		SHEET NO. 22 OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/8" = 1'-0"	DATE: 01-19-2024 Issue Date
REFLECTED CEILING PLAN - 2ND FLOOR - CENTRAL WING		DPW FILE NO. 52-11-A-1834-0	REV NO.



**K** KEY PLAN  
N.T.S.

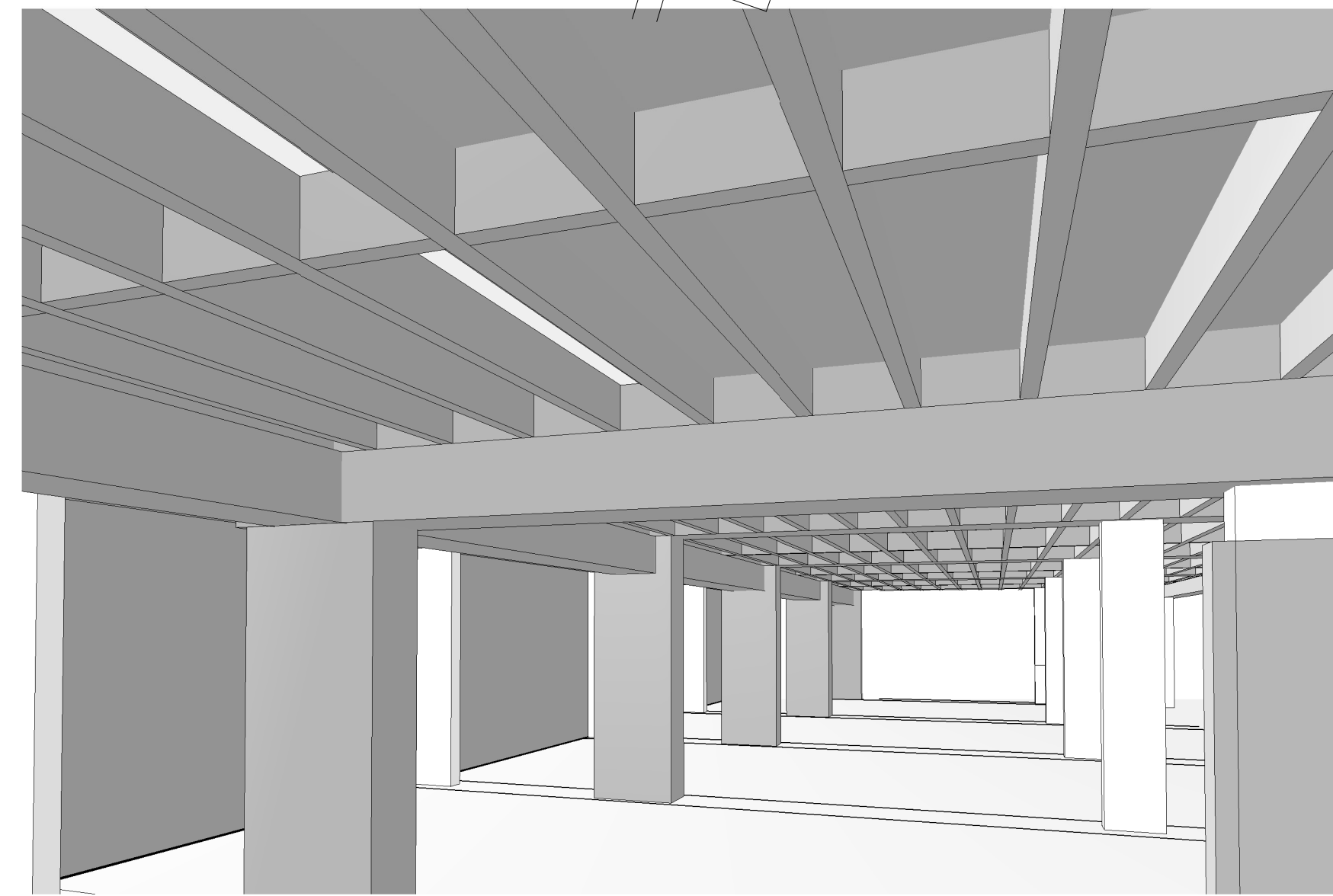
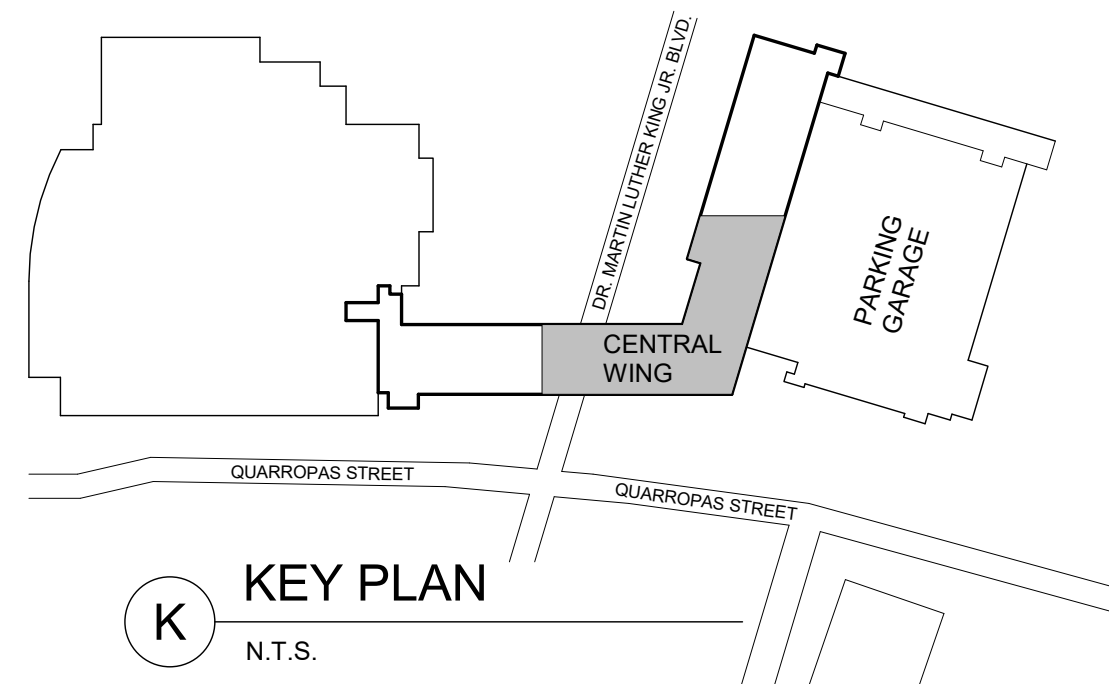


**1** REFLECTED CEILING PLAN - 2ND FLOOR - NORTH WING  
1/8" = 1'-0"

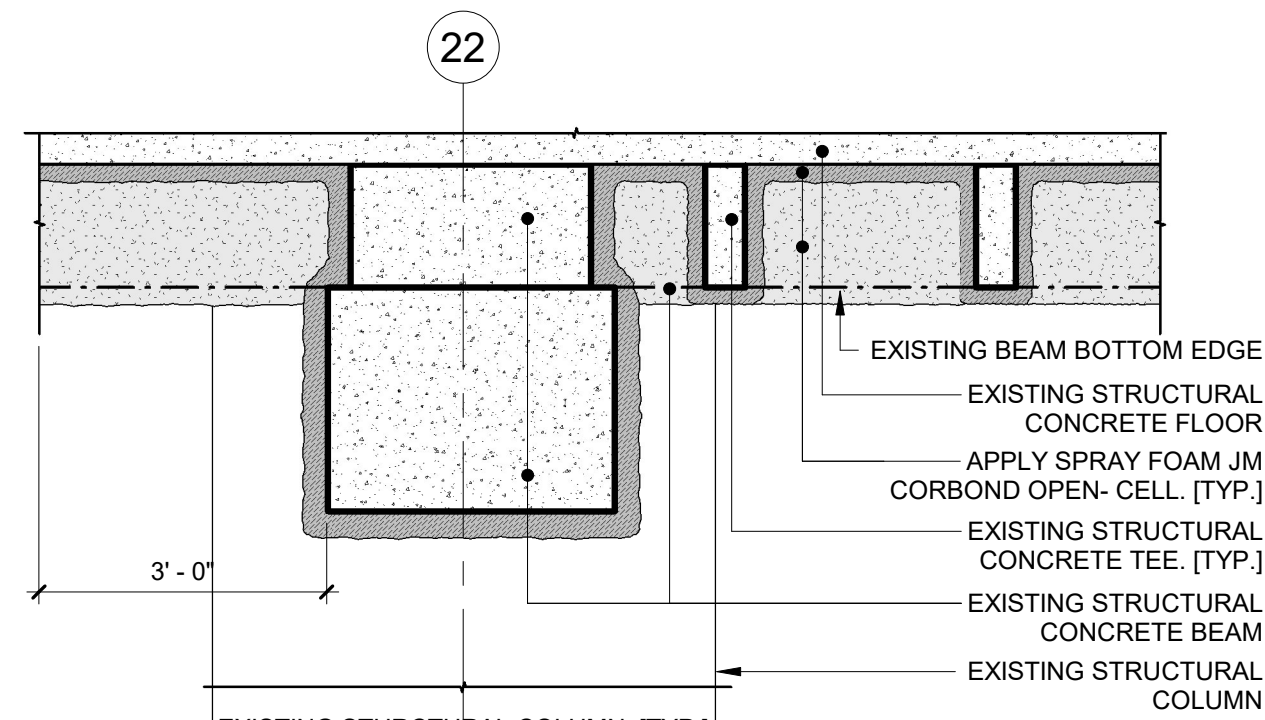
REFLECTIVE CEILING PLAN LEGEND	
SYMBOL	DESCRIPTION
	2'X2' ACOUSTICAL CEILING SYSTEM CEILING TYPE 1 (ACT-1)
	2'X4' ACOUSTICAL CEILING SYSTEM CEILING TYPE 2 (ACT-2) AT INNER HALLWAY
	GYPSUM BOARD CEILING AND SOFFITS
	EXISTING GYPSUM BOARD SOFFITS & FASCIA
	NEW LIGHT FIXTURES SEE LIGHT FIXTURE SCHEDULE ON A-304
	EXISTING LIGHT FIXTURE TO BE REINSTALLED
	NEW DIFFUSER & RETURN REGISTER SEE ENGINEERING DRAWINGS LOCATION PER ENGINEERING DRAWINGS
	NEW LINEAR CEILING DIFFUSER
	NEW SPRINKLER HEAD SEE ENGINEERING DRAWINGS
	EXISTING SMOKE DETECTOR
	NEW SMOKE DETECTOR
	NEW EXIT SIGN - CEILING MOUNTED SEE SCHEDULE ON A-30X DIRECTIONAL ARROWS (TYP.)
	EXISTING EXIT SIGN - WALL MOUNTED
	EXISTING EXIT SIGN - CEILING MOUNTED

- GENERAL NOTES:
1. ALL DEVICES SUCH AS SMOKE DETECTORS, OCCUPANCY SENSORS, CEILING MOUNTED CAMERA, MIC, SPEAKER, ETC. ARE TO BE LOCATED IN THE CENTER OF THE CEILING TILES
  2. ALL SUSPENDED CEILINGS TO BE INSTALLED AT HEIGHT OF EXISTING FINISH CEILING.
  3. ACOUSTICAL CEILING TILE GRID ALIGN WITH EXISTING DIFFUSER & RETURN GRILL.
  4. PROVIDE FINISH AT EXISTING GYPSUM BOARD CEILING. PAINT TO MATCH EXISTING.
  5. ALL LIGHT FIXTURES ARE TO BE LOCATED IN THE CENTER OF CEILING TILES.

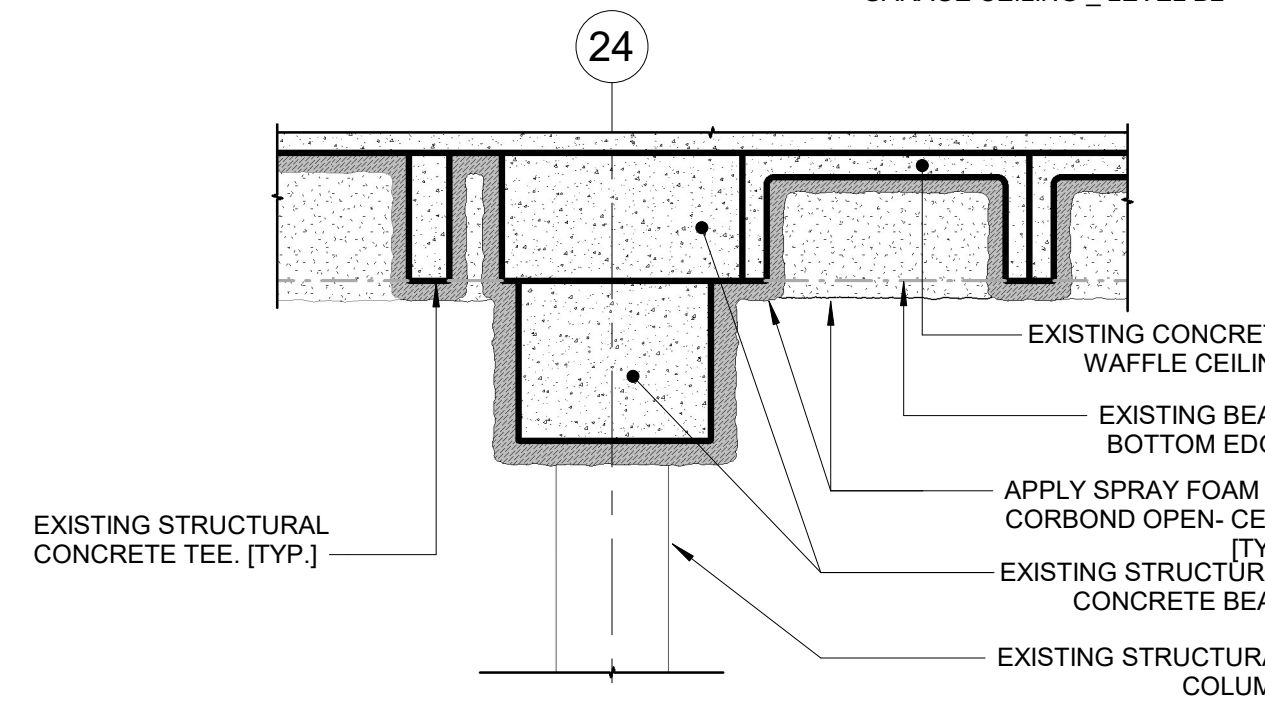
	CONSULTANT INFORMATION			
	<b>Graf &amp; Lewent</b> <b>Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989			
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER	SHEET NUMBER	
		20-502	A-108	
		SHEET NO. 23	OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE:	1/8" = 1'-0"	
		DATE: 01-19-2024	Issue Date	
		DPW FILE NO.	REV NO.	
		52-11-A-1835-0		
REFLECTED CEILING PLAN - 2ND FLOOR - NORTH WING				



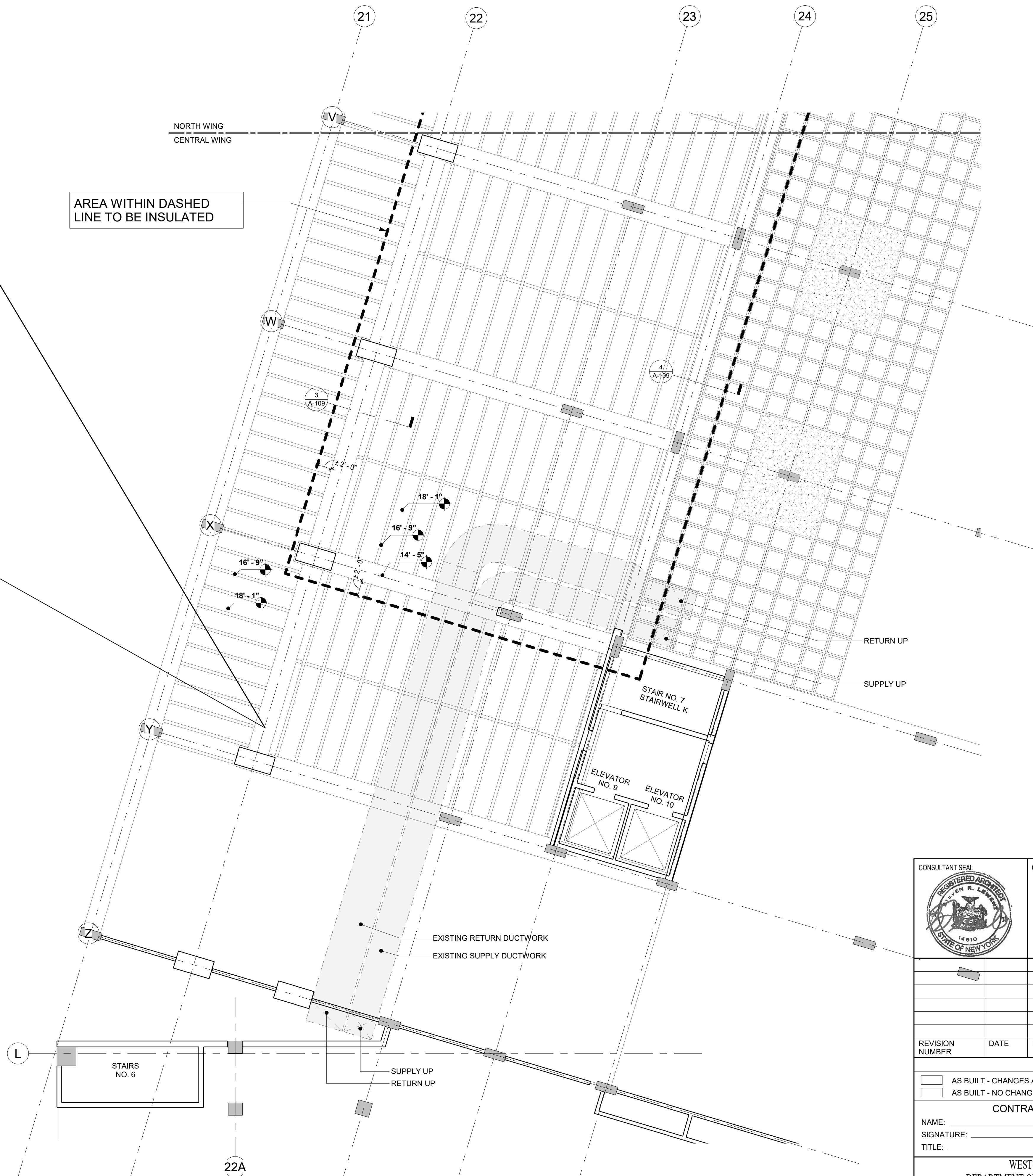
**2 GARAGE LEVEL B2 - PERSPECTIVE STRUCTURAL CEILING VIEW**  
VIEW LOOKING NORTH



**3 SPRAY FOAM OPEN-CELL JM CORBOND IV**  
1/2" = 1'-0" SPRAY POLYURETHANE FOAM GARAGE CEILING \_ LEVEL B2



**4 SPRAY FOAM OPEN-CELL JM CORBOND IV NORTH WING**  
1/2" = 1'-0" SPRAY POLYURETHANE FOAM GARAGE CEILING \_ LEVEL B2



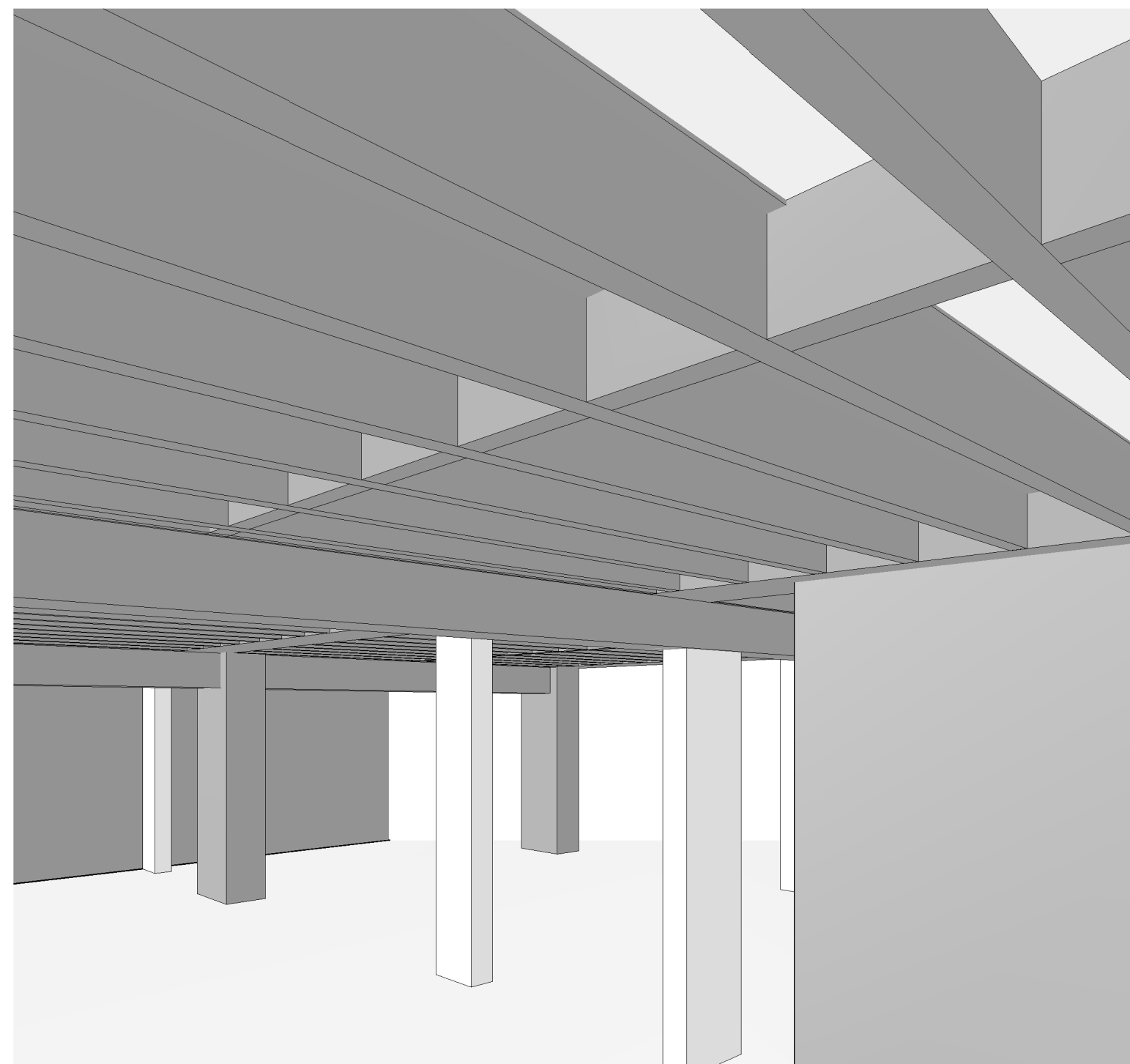
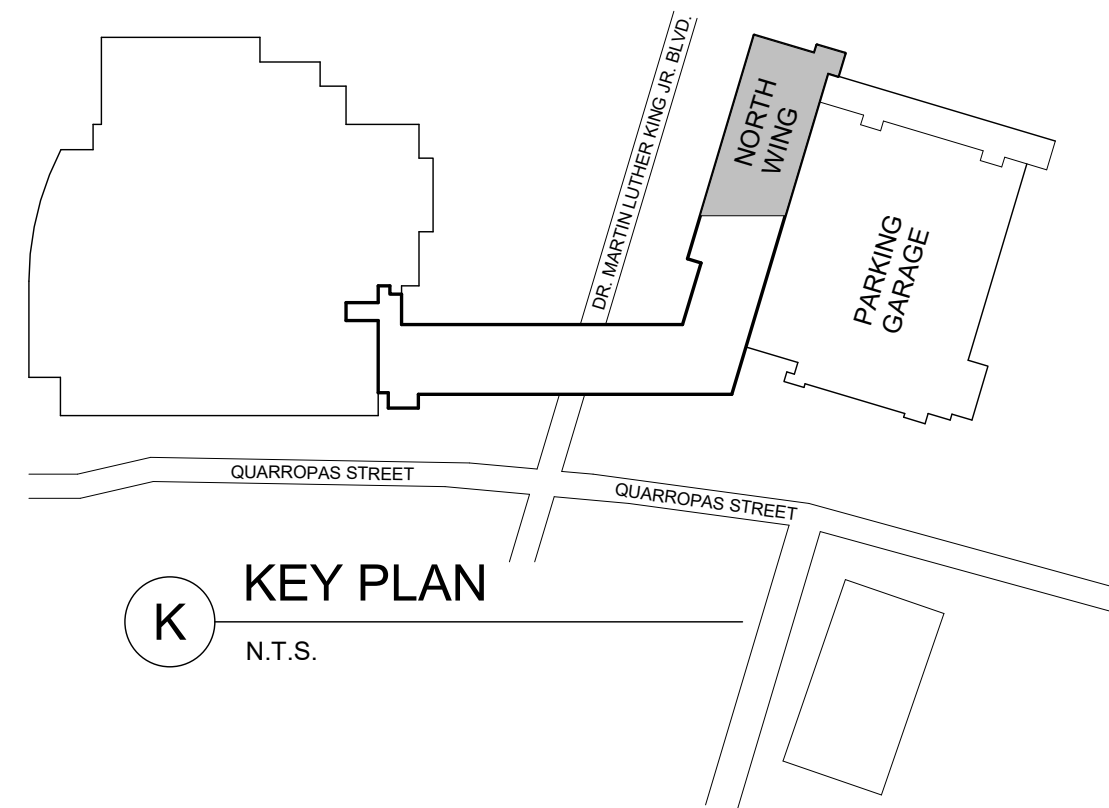
**1 REFLECTED CEILING PLAN - GARAGE LEVEL B2 - CENTRAL WING**  
1/8" = 1'-0"

REFLECTIVE CEILING PLAN LEGEND GARAGE LEVEL B2	
SYMBOL	DESCRIPTION
	EXISTING BEAM
	EXISTING COLUMN
	EXISTING BEAM
	EXISTING COLUMN
	EXISTING CONCRETE FILL
	EXISTING STRUCTURAL CONCRETE TEE
	EXISTING STRUCTURAL CONCRETE WAFFLE CEILING
	EXISTING SUPPLY AND RETURN DUCT WORK. SEE MECH. DWG M-101 FOR INSULATION.
	EXISTING SUPPLY AND RETURN DUCT WORK. SEE MECH. DWG M-101 FOR INSULATION.

- NOTES:
- WITHIN AREA TO BE INSULATED, APPLY MANVILLE CORBOND IV IN THICKNESS REQUIRED TO PROVIDE R=14.6. APPLY MANVILLE FIRE SAFETY INTUMESCENT NO BURN OVER SPRAYED INSULATION. MAKE ACCOMMODATIONS FOR APPLICATION ABOVE AND AROUND EXISTING DUCTS, PIPES, ETC.
  - COORDINATE ALL WORK WITH PARKING GARAGE REHABILITATION PROJECT WHICH INCLUDES CONCRETE PATCHING & SPRINKLER REPLACEMENT. PROTECT ALL EXISTING HVAC, SPRINKLERS, LIGHT FIXTURES, ETC.
  - PRIOR TO INSULATION INSTALLATION, ENSURE THAT ALL COMPONENTS OF NEW SYSTEMS REQUIRED TO BE INSTALLED PRIOR TO INSULATION SPRAY ON ARE IN PLACE.

		<b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER    DATE    MADE BY    APP'D BY    REVISION			
RECORD DRAWING CERTIFICATION			
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<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		CONTRACT NUMBER <b>20-502</b>	SHEET NUMBER <b>A-109</b>
REFLECTED CEILING PLAN - GARAGE LEVEL B2 - CENTRAL WING		SCALE: As indicated DATE: 01-19-2024 Issue Date DPW FILE NO.	REV NO.





**2 GARAGE LEVEL B2 - PERSPECTIVE STRUCTURAL CEILING VIEW..**  
VIEW LOOKING NORTH



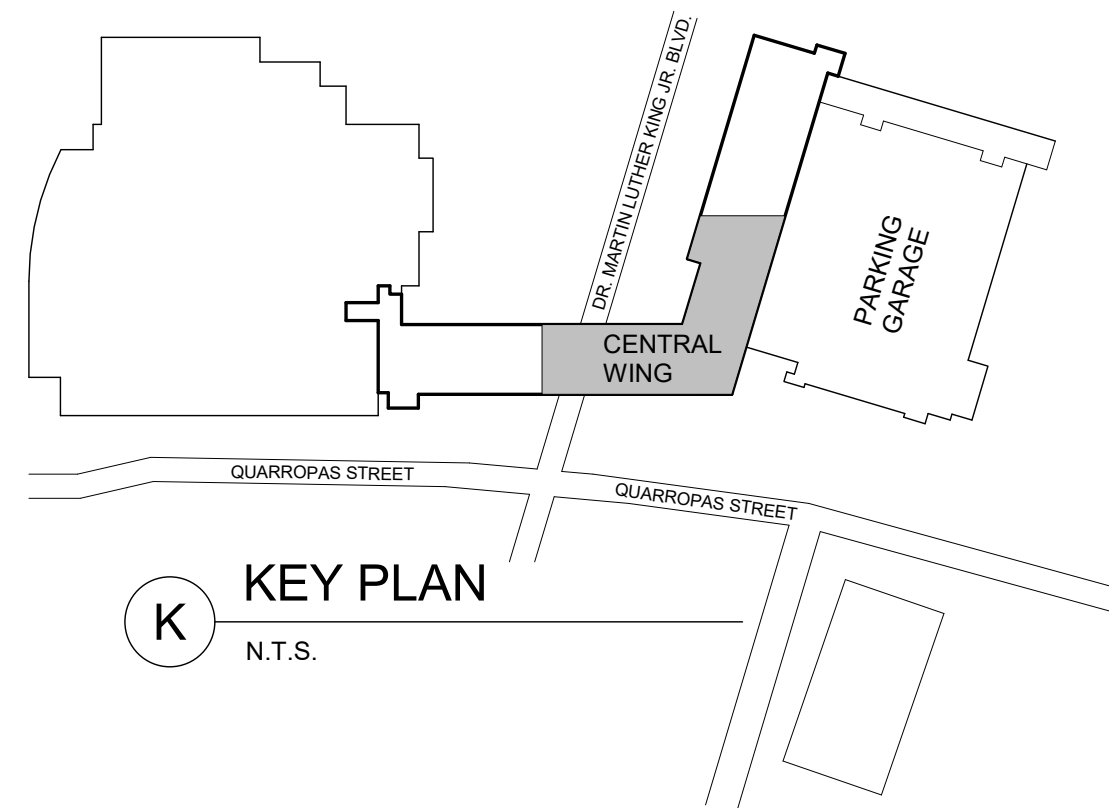
**1 REFLECTED CEILING PLAN - GARAGE LEVEL B2 - NORTH WING**  
1/8" = 1'-0"

REFLECTIVE CEILING PLAN LEGEND GARAGE LEVEL B2	
SYMBOL	DESCRIPTION
	EXISTING BEAM
	EXISTING COLUMN
	EXISTING BEAM
	EXISTING COLUMN
	EXISTING CONCRETE FILL
	EXISTING COLUMN
	EXISTING STRUCTURAL CONCRETE TEE
	EXISTING STRUCTURAL CONCRETE WAFFLE CEILING
	EXISTING SUPPLY AND RETURN DUCT WORK. SEE MECH. DWG M-101 FOR INSULATION.
	EXISTING SUPPLY AND RETURN DUCT WORK. SEE MECH. DWG M-101 FOR INSULATION.

**NOTES:**

- WITHIN AREA TO BE INSULATED, APPLY MANVILLE CORBOND IV IN THICKNESS REQUIRED TO PROVIDE R=14.6. APPLY MANVILLE FIRE SAFETY INTUMESCENT NO BURN OVER SPRAYED INSULATION. MAKE ACCOMMODATIONS FOR APPLICATION ABOVE AND AROUND EXISTING DUCTS, PIPES, ETC.
- COORDINATE ALL WORK WITH PARKING GARAGE REHABILITATION PROJECT WHICH INCLUDES CONCRETE PATCHING & SPRINKLER REPLACEMENT. PROTECT ALL EXISTING HVAC, SPRINKLERS, LIGHT FIXTURES, ETC.
- PRIOR TO INSULATION INSTALLATION, ENSURE THAT ALL COMPONENTS OF NEW SYSTEMS REQUIRED TO BE INSTALLED PRIOR TO INSULATION SPRAY ON ARE IN PLACE.

		CONSULTANT INFORMATION <b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989		
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK			CONTRACT NUMBER <b>20-502</b>	SHEET NUMBER <b>A-110</b> SHEET NO. 25 OF 133
REFLECTED CEILING PLAN - GARAGE LEVEL B2 - NORTH WING			SCALE: 1/8" = 1'-0" DATE: 01-19-2024 Issue Date DPW FILE NO. REV NO.	52-11-A-1837-0

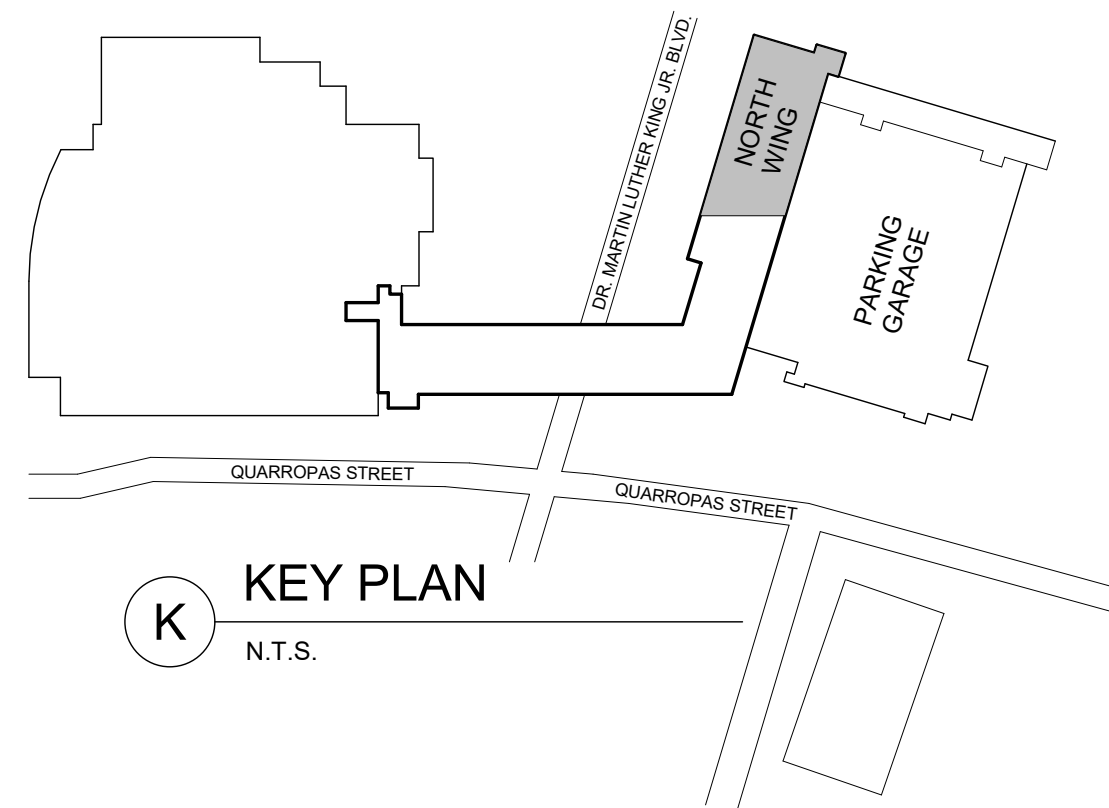


FINISH PLAN LEGEND	
SYMBOL	DESCRIPTION
P-	PAINT FINISH
SS-	SOLID SURFACE PANELS
CT-	CERAMIC WALL TILES
SB-	STAINLESS STEEL WALL BASE
CB-	COVE BASE
VB-	VINYL BASE
C	CARPET FLOOR
CT-	CERAMIC FLOOR TILE
VT-	RESILIENT FLOOR TILES
CR	CRASH RAIL
CG	CORNER GUARD

- NOTES:**
- SEE A-304 FOR SCHEDULE OF FINISHES.
  - BASE VB-1 IS TYPICAL TO ALL WALLS AND PARTITIONS, EXISTING AND NEW UNLESS OTHERWISE NOTED.
  - SEE REFLECTED CEILING PLANS AND ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.
  - EXISTING FLOORING IN WORK AREAS TO BE REMOVED AND SUBSTRATE PREPARED FOR NEW FLOOR FINISH.
  - EXISTING DOOR & FRAME PAINT MATCH TO ADJACENT WALL PAINT.

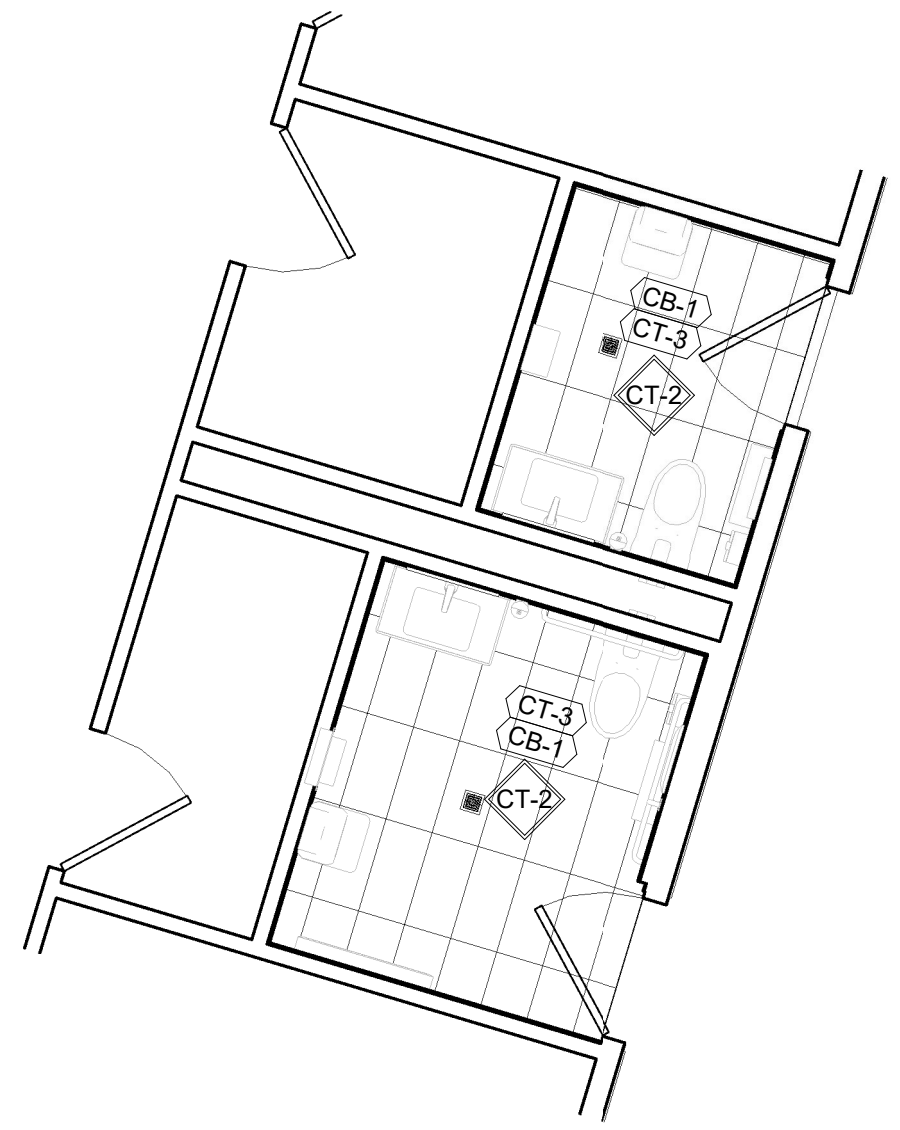
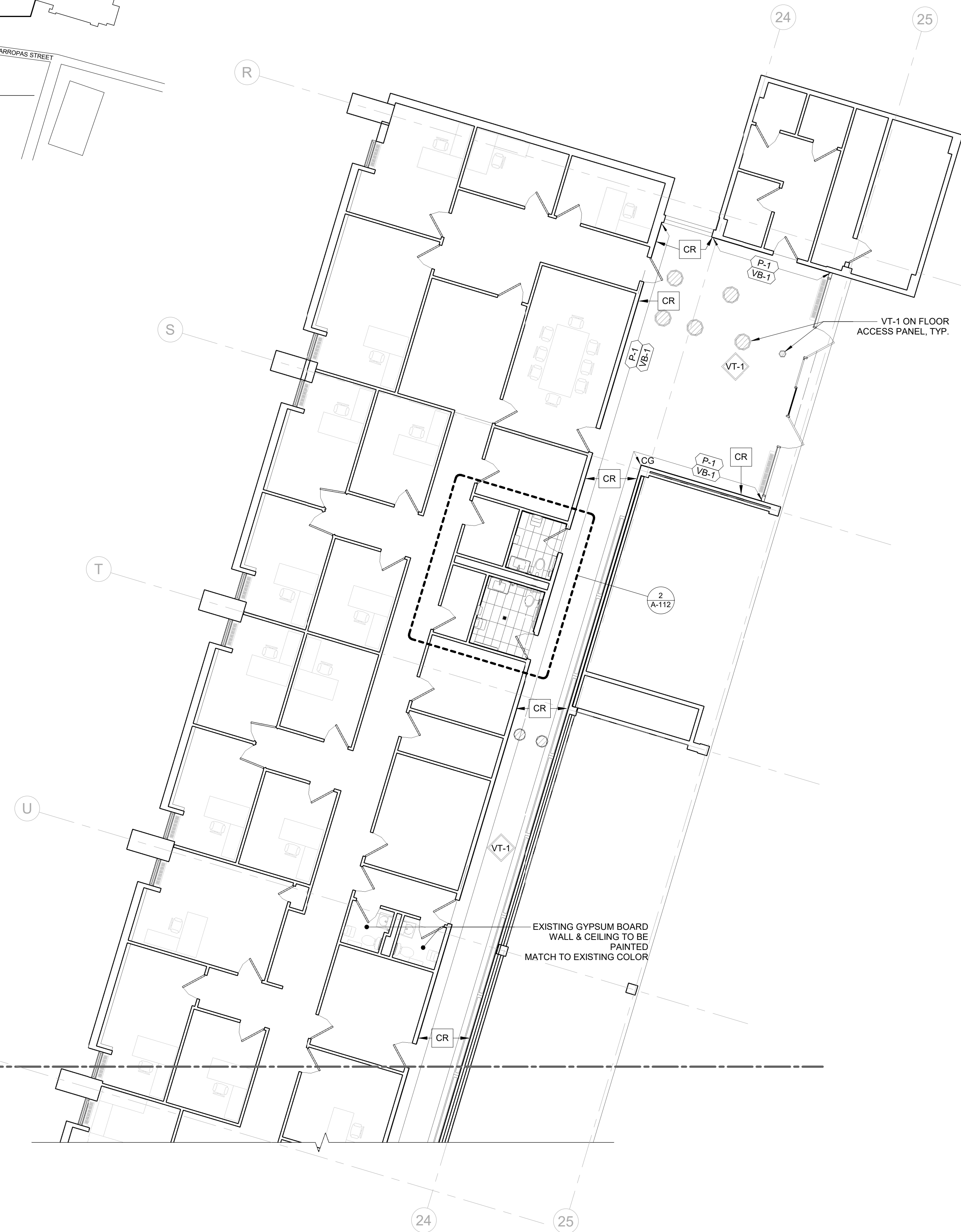
**1** FINISH PLAN - 1ST FLOOR CENTRAL WING  
1/8" = 1'-0"

	CONSULTANT INFORMATION	
	<p><b>Graf &amp; Lewent</b> Architects LLP</p> <p>90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>	
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SIGNATURE:	SIGNATURE:	SIGNATURE:
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502
DIVISION OF ENGINEERING		SHEET NUMBER A-111
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/8" = 1'-0"
FINISH PLAN - 1ST FLOOR - CENTRAL WING		DATE: 01-19-2024 Issue Date
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		52-11-A-1838-0



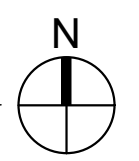
FINISH PLAN LEGEND	
SYMBOL	DESCRIPTION
P-	PAINT FINISH
SS-	SOLID SURFACE PANELS
CT-	CERAMIC WALL TILES
SB-	STAINLESS STEEL WALL BASE
CB-	COVE BASE
VB-	VINYL BASE
C-	CARPET FLOOR
CT-	CERAMIC FLOOR TILE
VT-	RESILIENT FLOOR TILES
CR	CRASH RAIL
CG	CORNER GUARD

- NOTES:**
- SEE A-304 FOR SCHEDULE OF FINISHES.
  - BASE VB-1 IS TYPICAL TO ALL WALLS AND PARTITIONS, EXISTING AND NEW UNLESS OTHERWISE NOTED.
  - SEE REFLECTED CEILING PLANS AND ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.
  - EXISTING FLOORING IN WORK AREAS TO BE REMOVED AND SUBSTRATE PREPARED FOR NEW FLOOR FINISH.
  - EXISTING DOOR & FRAME PAINT MATCH TO ADJACENT WALL PAINT.

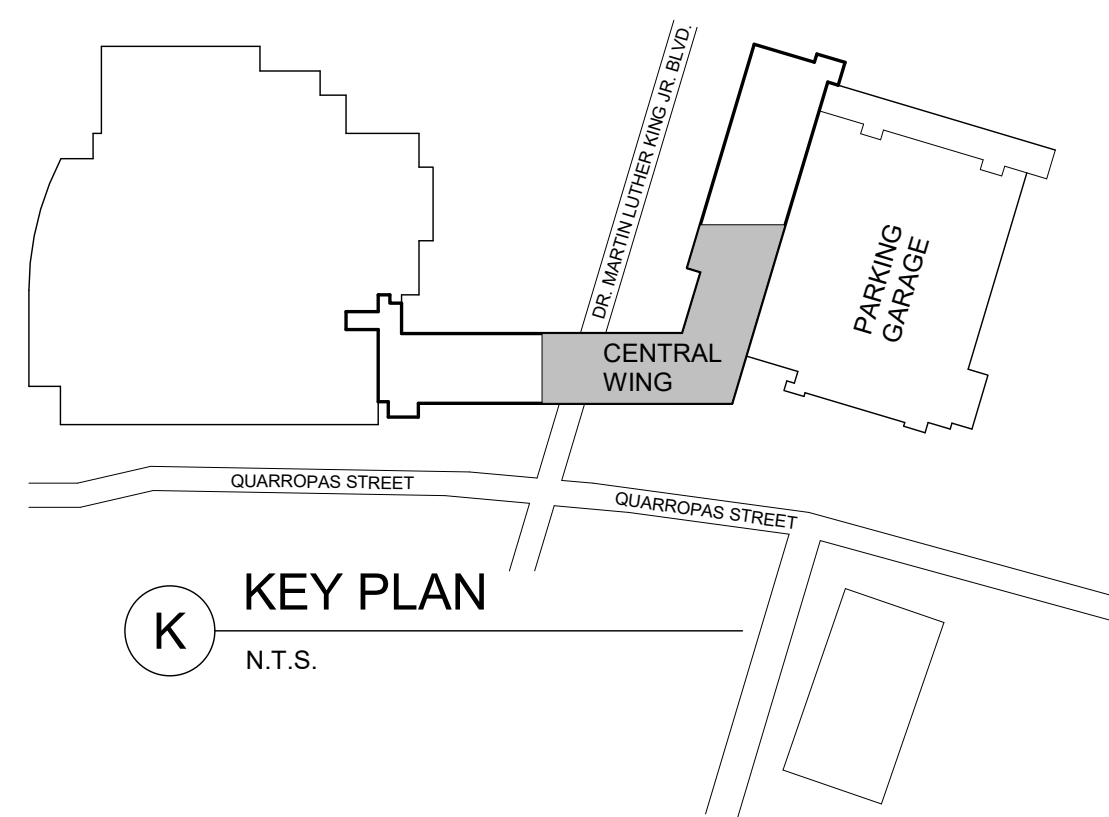


**2** FINISH PLAN - 1ST FLOOR - MEN'S & WOMEN'S RESTROOMS  
1/4" = 1'-0"

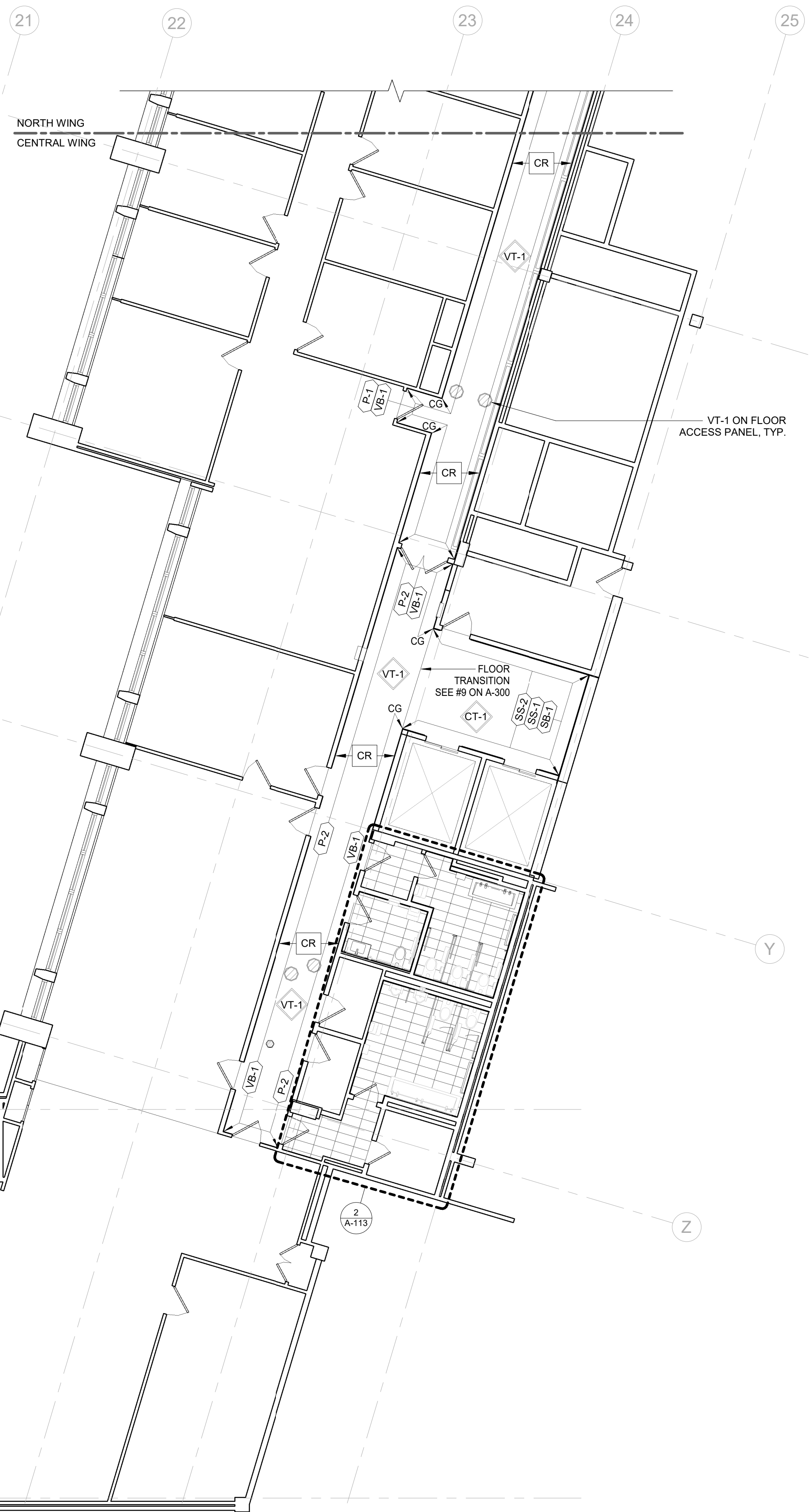
**1** FINISH PLAN - 1ST FLOOR NORTH WING  
1/8" = 1'-0"



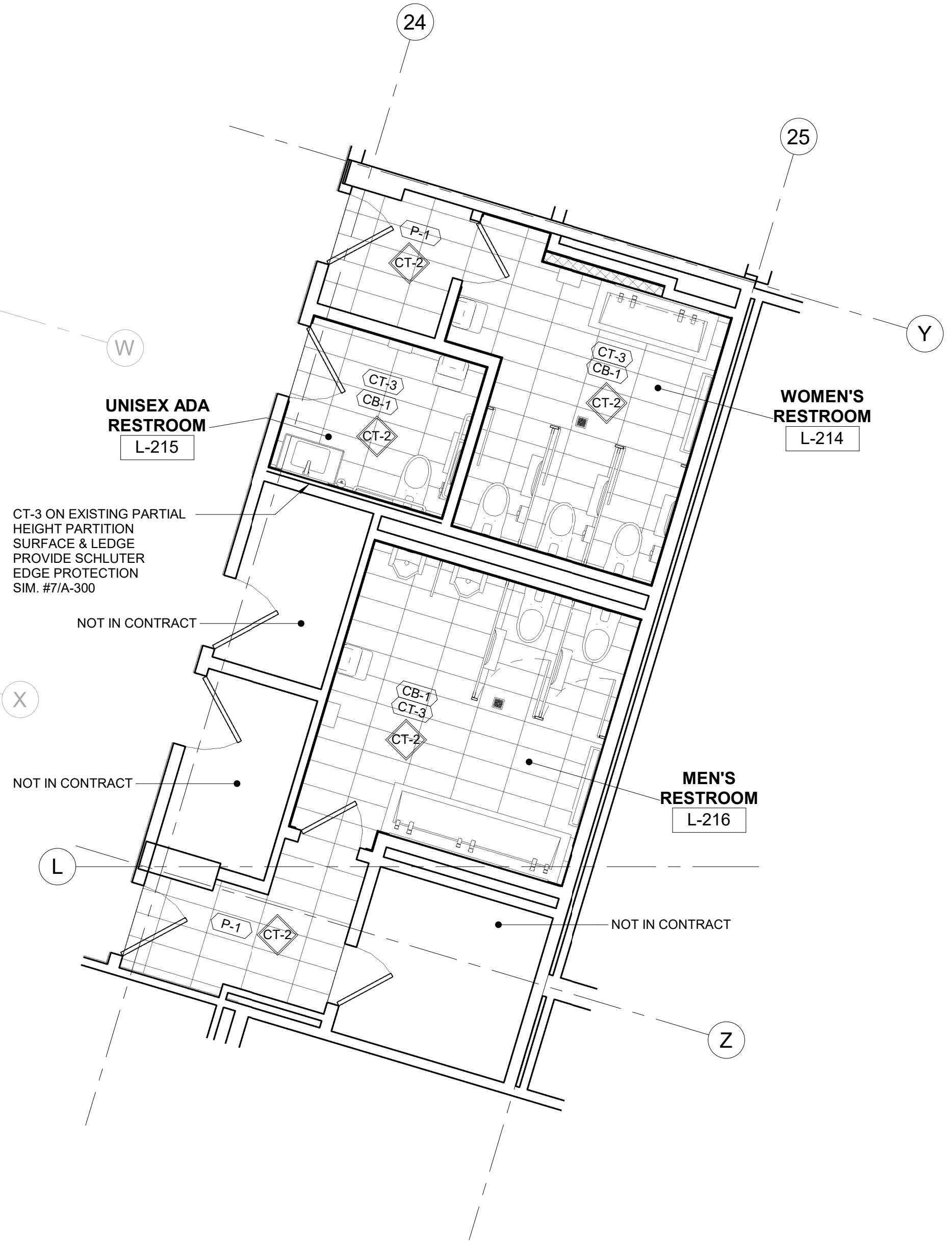
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	<b>Graf &amp; Lewent</b> <b>Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502
DIVISION OF ENGINEERING		SHEET NUMBER
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		27 OF 133
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		SCALE: As indicated
WHITE PLAINS, NEW YORK		DATE: 01-19-2024 Issue Date
FINISH PLAN - 1ST FLOOR - NORTH WING		DPW FILE NO. REV NO.
		52-11-A-1839-0



**K** KEY PLAN  
N.T.S.



**1** FINISH PLAN - 2ND FLOOR CENTRAL WING  
1/8" = 1'-0"

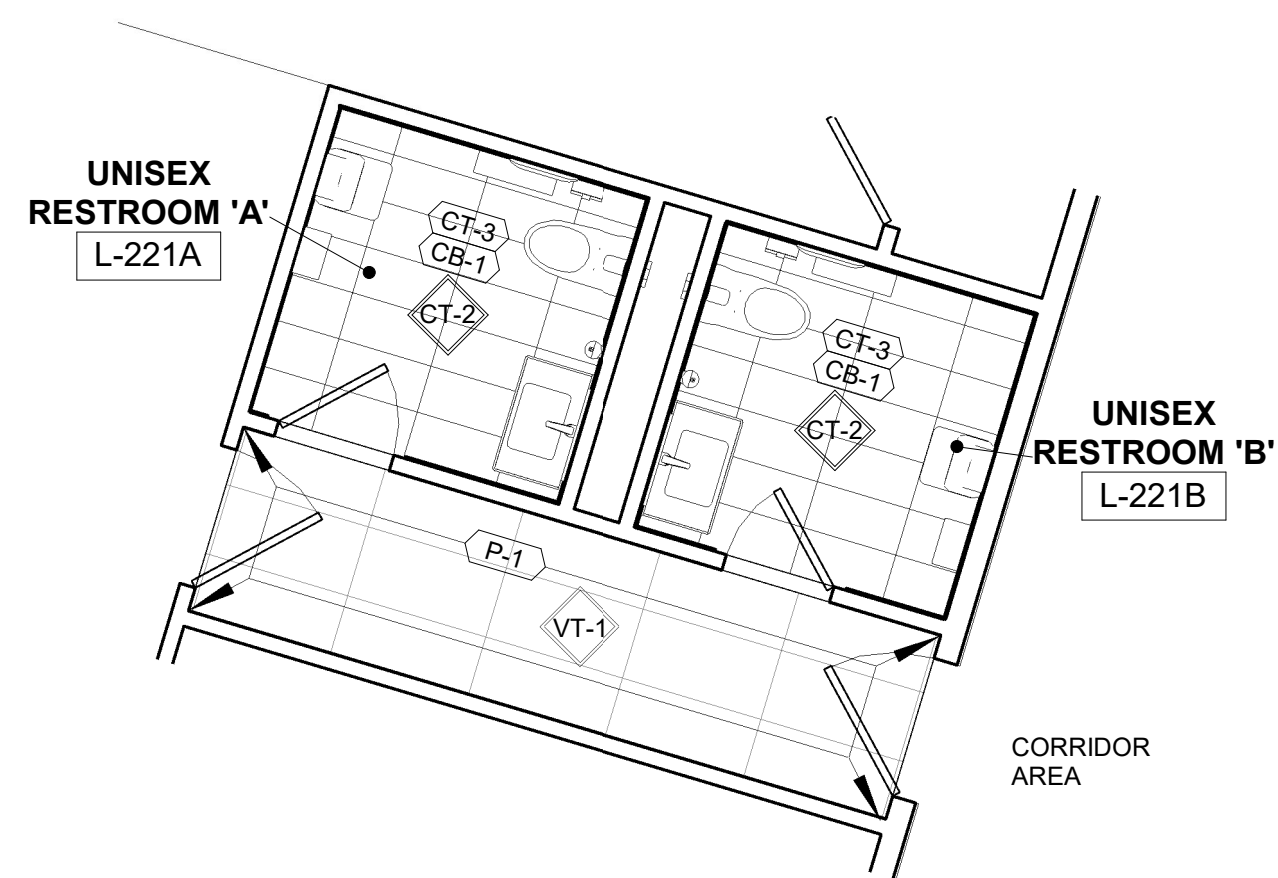
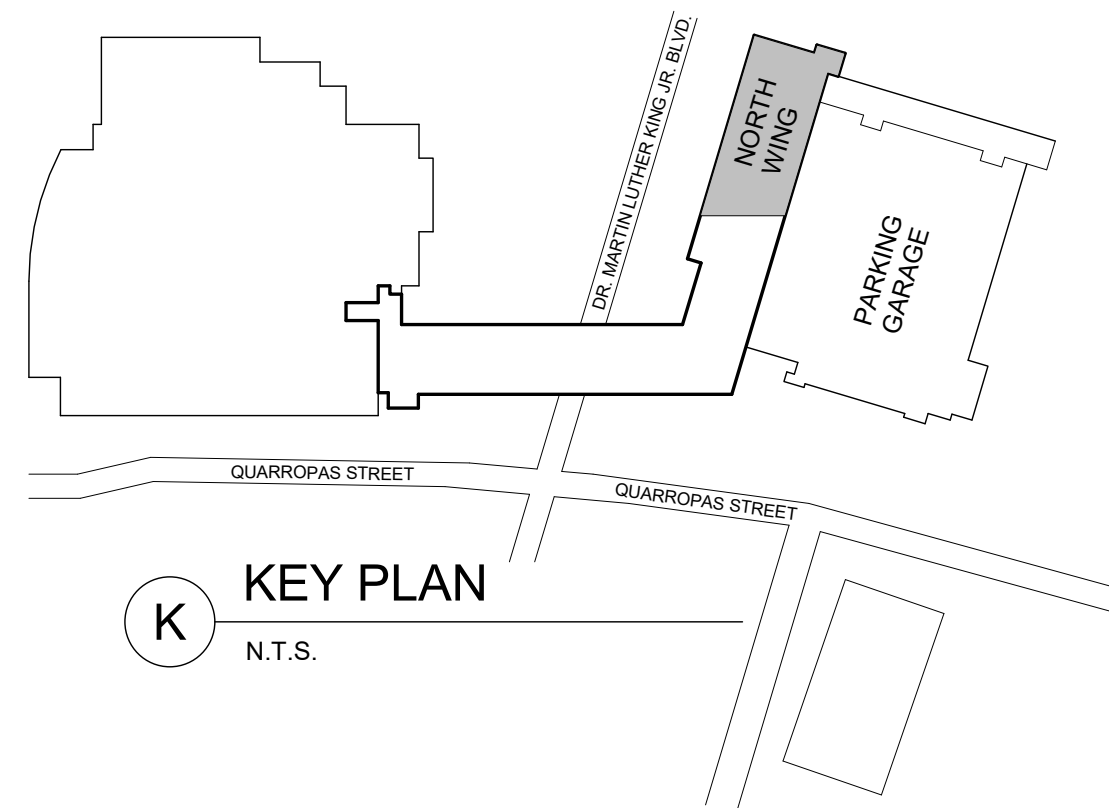


**2** FINISH PLAN - 2ND FLOOR - RESTROOMS  
1/4" = 1'-0"

FINISH PLAN LEGEND	
SYMBOL	DESCRIPTION
P-	PAINT FINISH
SS-	SOLID SURFACE PANELS
CT-	CERAMIC WALL TILES
SB-	STAINLESS STEEL WALL BASE
CB-	COVE BASE
VB-	VINYL BASE
C	CARPET FLOOR
CT	CERAMIC FLOOR TILE
VT	RESILIENT FLOOR TILES
CR	CRASH RAIL
CG	CORNER GUARD

- NOTES:**
- SEE A-304 FOR SCHEDULE OF FINISHES.
  - BASE VB-1 IS TYPICAL TO ALL WALLS AND PARTITIONS. EXISTING AND NEW UNLESS OTHERWISE NOTED.
  - SEE REFLECTED CEILING PLANS AND ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.
  - EXISTING FLOORING IN WORK AREAS TO BE REMOVED AND SUBSTRATE PREPARED FOR NEW FLOOR FINISH.
  - EXISTING DOOR & FRAME PAINT MATCH TO ADJACENT WALL PAINT.

	CONSULTANT INFORMATION			
	<p align="center"><b>Graf &amp; Lewent</b> Architects LLP</p> <p align="center">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>			
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
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NAME:	NAME:	SIGNATURE:	SIGNATURE:	DATE:
TITLE:	TITLE:	DATE:	DATE:	DATE:
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	A-113	
DIVISION OF ENGINEERING		SHEET NO. 28	OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE:	As indicated	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: 01-19-2024	Issue Date	
WHITE PLAINS, NEW YORK		DPW FILE NO.	REV NO.	
FINISH PLAN - 2ND FLOOR - CENTRAL WING		52-11-A-1840-0		



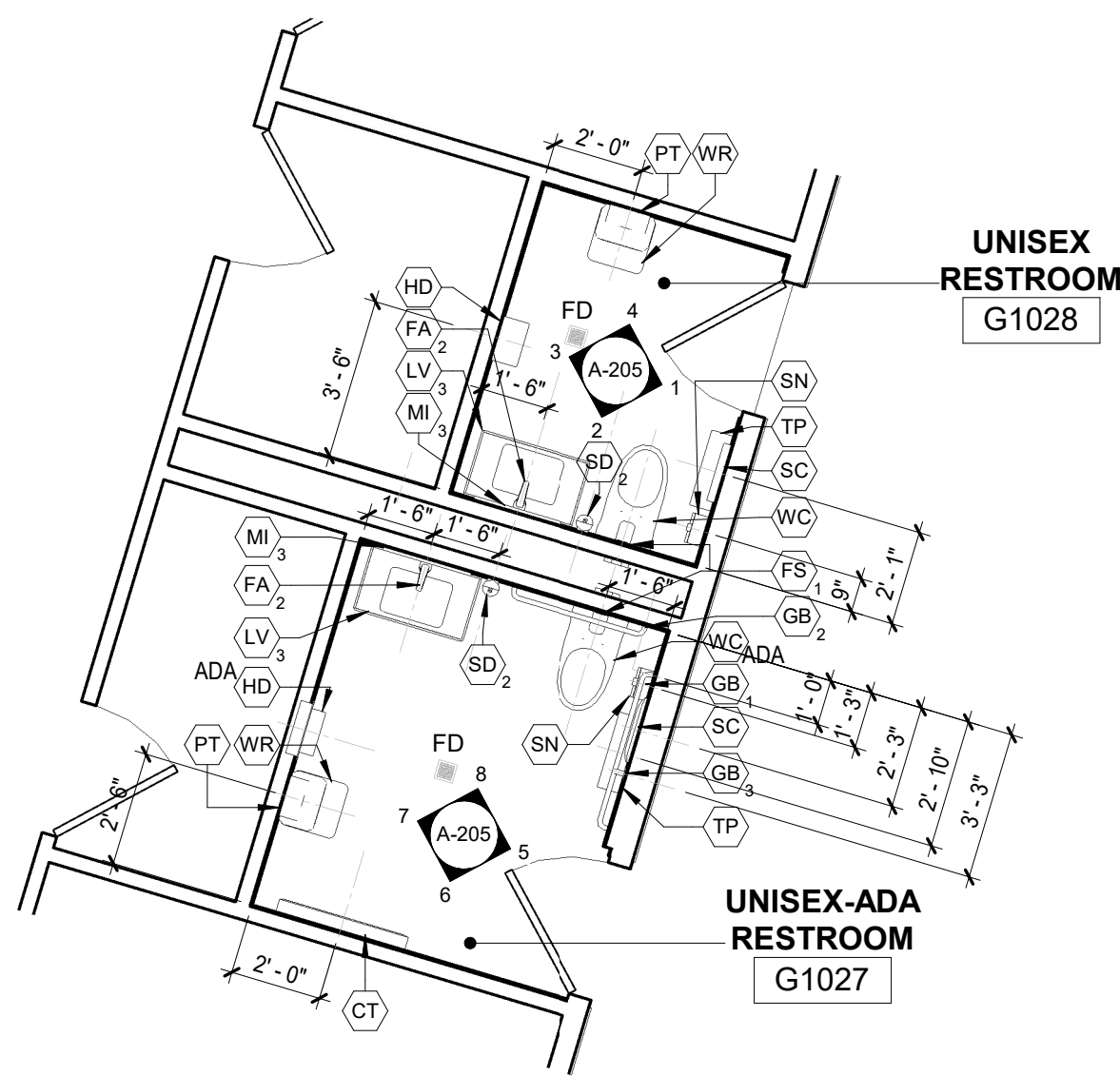
**2** FINISH PLAN - 2ND FLOOR - UNISEX RESTROOMS  
1/4" = 1'-0"

FINISH PLAN LEGEND	
SYMBOL	DESCRIPTION
P-1	PAINT FINISH
SS-1	SOLID SURFACE PANELS
CT-1	CERAMIC WALL TILES
SB-1	STAINLESS STEEL WALL BASE
CB-1	COVE BASE
VB-1	VINYL BASE
C-1	CARPET FLOOR
CT-2	CERAMIC FLOOR TILE
VT-1	RESILIENT FLOOR TILES
CR	CRASH RAIL
CG	CORNER GUARD

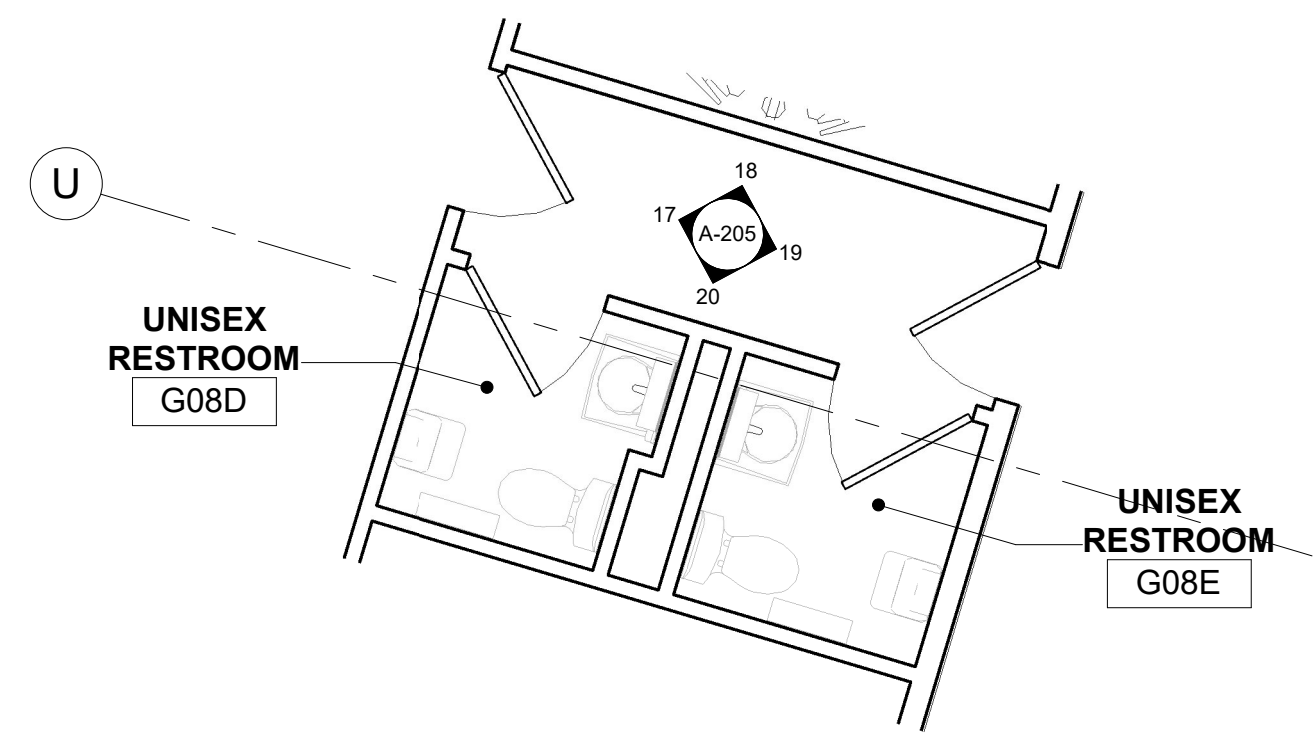
- NOTES:**
- SEE A-304 FOR SCHEDULE OF FINISHES.
  - BASE VB-1 IS TYPICAL TO ALL WALLS AND PARTITIONS, EXISTING AND NEW UNLESS OTHERWISE NOTED.
  - SEE REFLECTED CEILING PLANS AND ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.
  - EXISTING FLOORING IN WORK AREAS TO BE REMOVED AND SUBSTRATE PREPARED FOR NEW FLOOR FINISH.
  - EXISTING DOOR & FRAME PAINT MATCH TO ADJACENT WALL PAINT.

**1** FINISH PLAN - 2ND FLOOR NORTH WING  
1/8" = 1'-0"

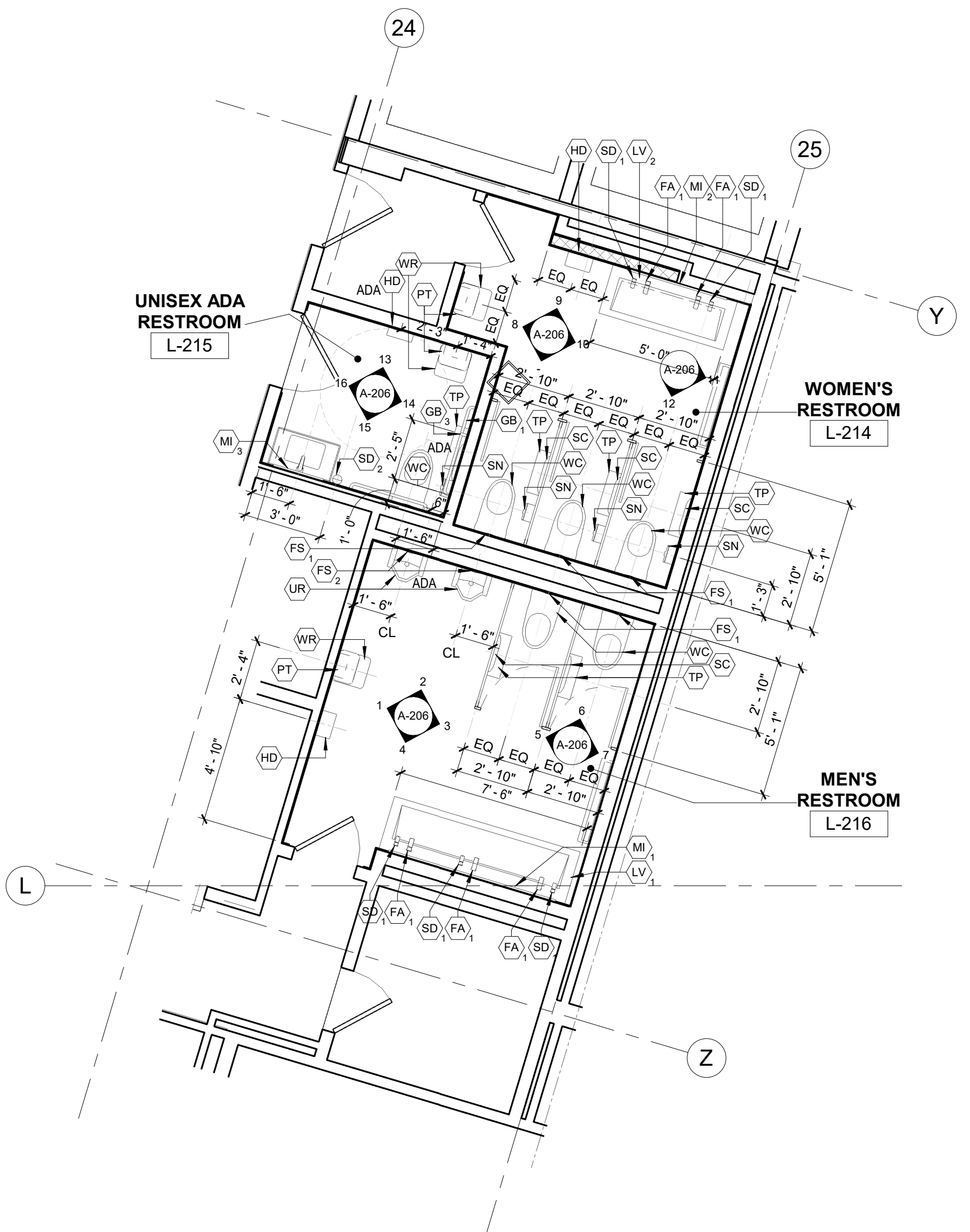
	CONSULTANT INFORMATION	
	<p align="center"><b>Graf &amp; Lewent</b> Architects LLP</p> <p align="center">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>	
REVISION		
REVISION NUMBER	DATE	MADE BY APP'D BY
REVISION		
RECORD DRAWING CERTIFICATION		
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NAME:	NAME:	
SIGNATURE:	SIGNATURE:	
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502
DIVISION OF ENGINEERING		SHEET NUMBER A-114
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: As indicated
FINISH PLAN - 2ND FLOOR - NORTH WING		DATE: 01-19-2024 Issue Date
		DPW FILE NO. REV NO.
		52-11-A-1841-0



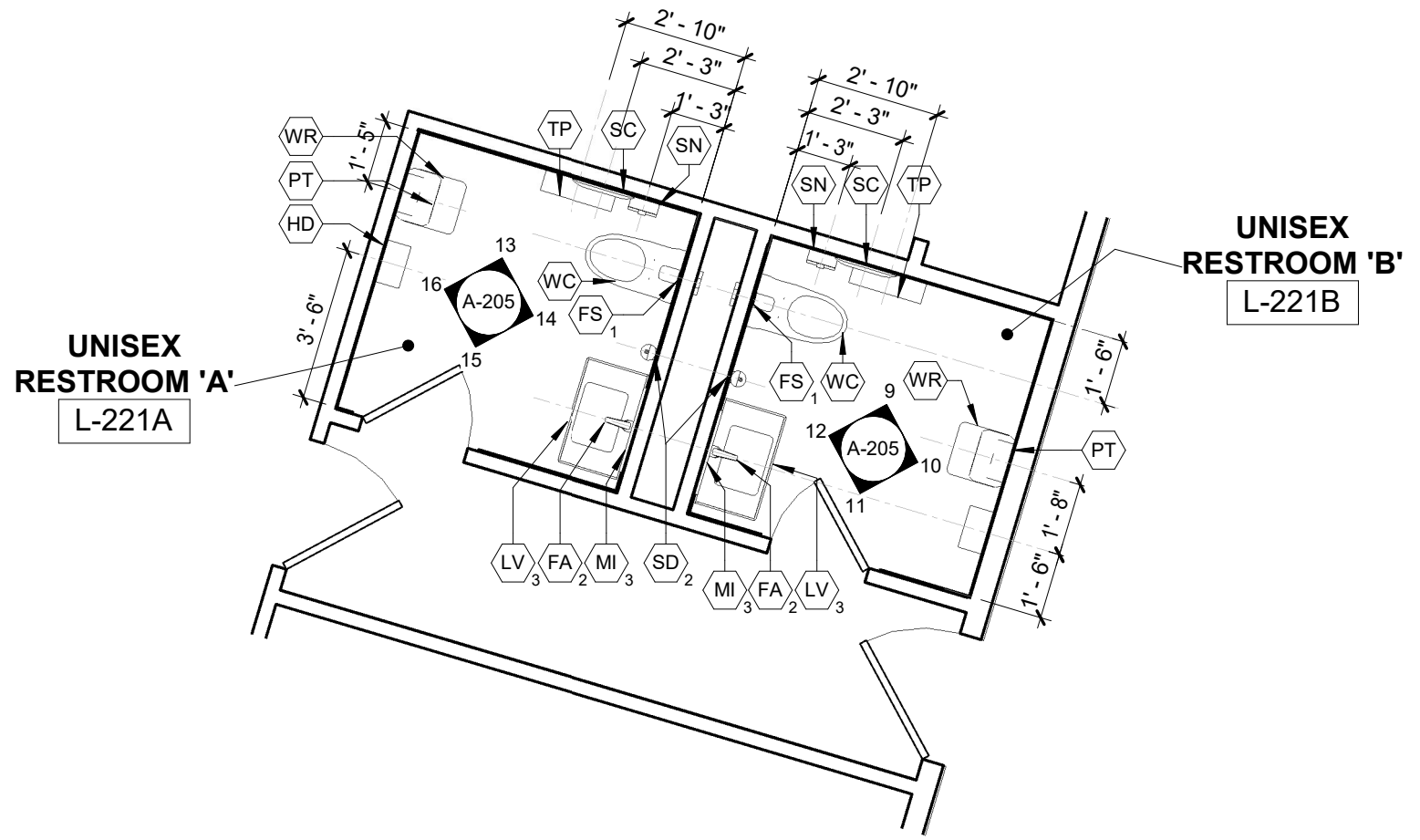
1 PLUMBING PLAN - 1ST FLOOR RESTROOM A  
1/4" = 1'-0"



2 PLUMBING PLAN - 1ST FLOOR RESTROOM B  
1/4" = 1'-0"  
ALL PLUMBING FIXTURES AND FINISHES TO REMAIN.  
REPAINT ENTIRE WALL & CEILING MATCH TO EXISTING.  
CEILING TO BE PATCH SMOOTH AND PAINT.  
PROTECT EXISTING PLUMBING FIXTURES AND FINISHES.  
SEE RCP DWG.



3 PLUMBING PLAN - 2ND FLOOR PUBLIC RESTROOMS  
1/4" = 1'-0"

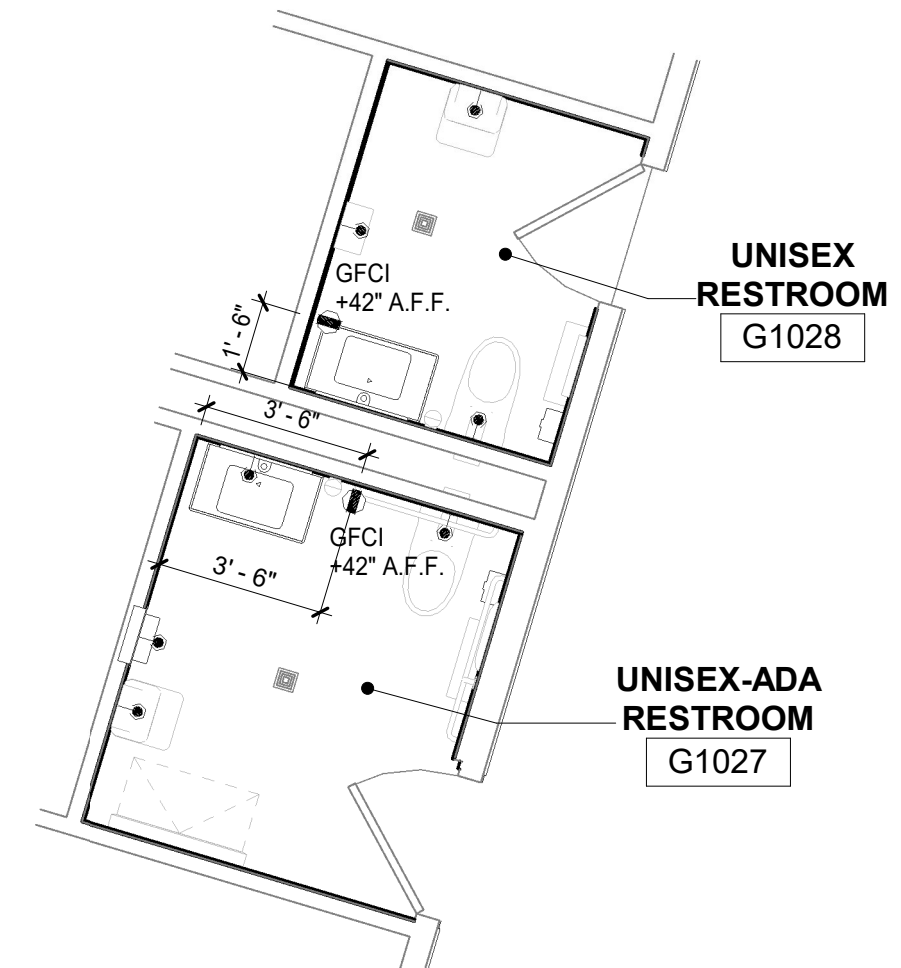
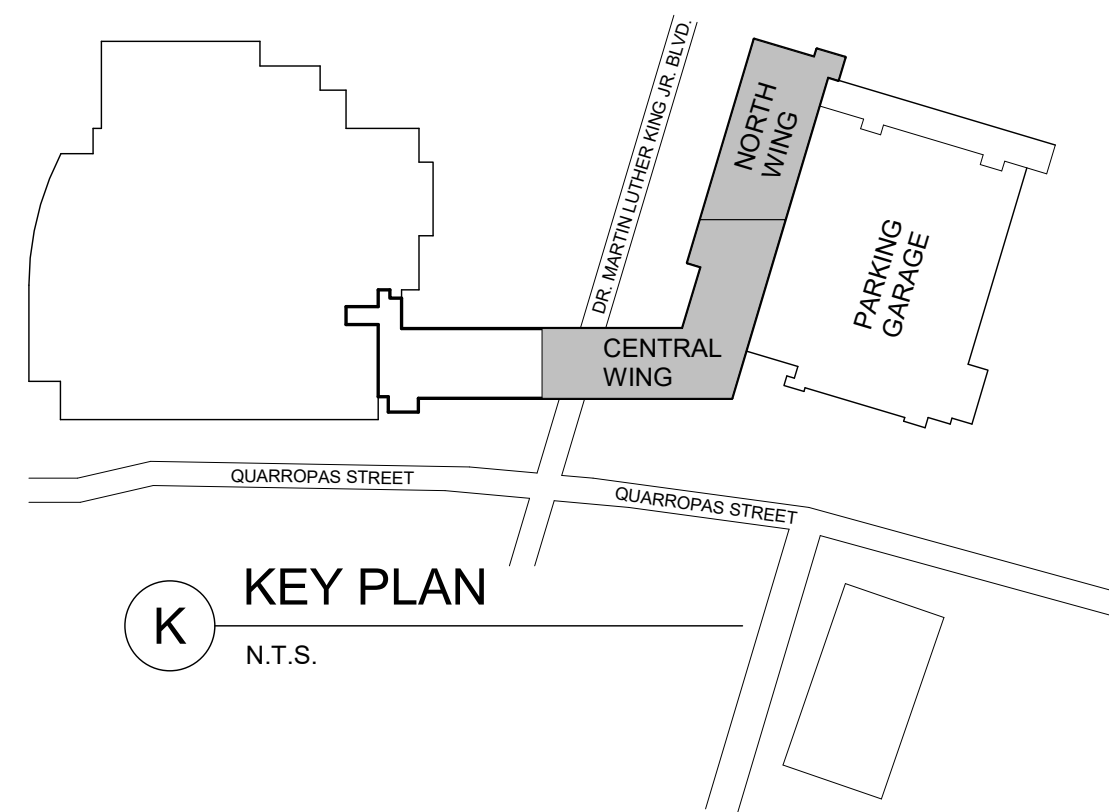


4 PLUMBING PLAN - 2ND FLR. NORTH WING RESTROOMS  
1/4" = 1'-0"

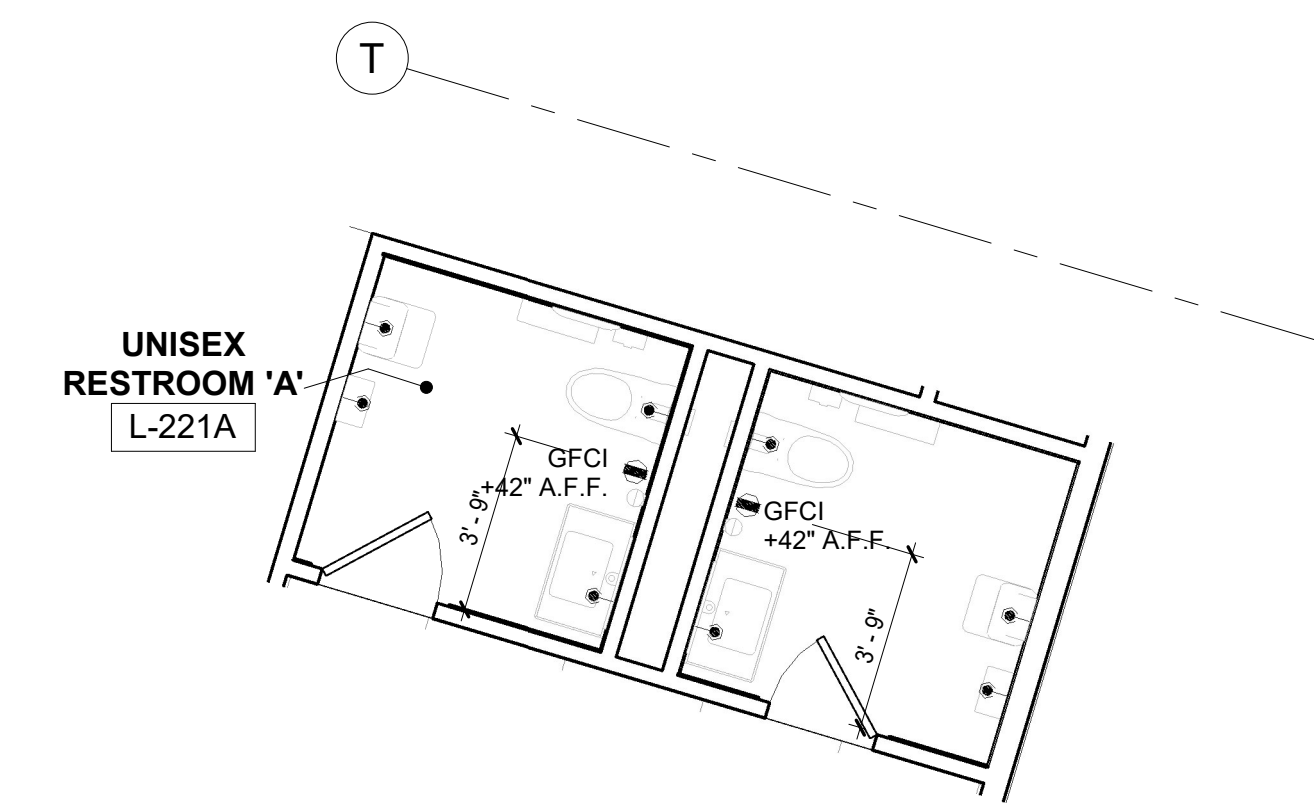
PLUMBING FIXTURES SCHEDULE			
SYMBOL	DESCRIPTION	MANUFACTURER	MODEL #
FA <sub>1</sub>	SENSOR RESTROOM FAUCET - HARD WIRED WITH BELOW DECK THERMOSTATIC MIXER 0.50 GPM	SLOAN	EFX-200.200.0010 # 3324250 POL. CHROME
FA <sub>2</sub>	SENSOR UNISEX RESTROOM FAUCET 1.0 GPM WITH SIDE MIXER, 1 - AERATED SPRAY & PLUG - IN ADAPTOR	SLOAN	EAF-100 # 3335123
LV <sub>1</sub>	LAVATORY - RESTROOM - 90" 3 - STATION TROUGH SINK, SS-3 CORIAN EVEREST, STRAIGHT EDGE AND ADA STAINLESS STEEL ENCLOSURE	SLOAN	DSG-84000 CORIAN SOLID SURFACE
LV <sub>2</sub>	LAVATORY - RESTROOM - 60" 2 - STATION TROUGH SINK, SS-3 CORIAN EVEREST, STRAIGHT EDGE AND ADA STAINLESS STEEL ENCLOSURE	SLOAN	DSG-84000 CORIAN SOLID SURFACE
LV <sub>3</sub>	LAVATORY - RESTROOM - W.30" X D.18" SINGLE STATION, SS-3 CORIAN EVEREST, STRAIGHT EDGE AND ADA STAINLESS STEEL ENCLOSURE	SLOAN	ELC-81000 CORIAN SOLID SURFACE
UR <sub>ADA</sub>	URINAL - REAR SPUD 0.125 - 1.0 GPF PROVIDE ADA HEIGHT WHERE INDICATED	SLOAN	SU-1019- "STG" (SLOAN TEC GLAZE) #1171019
WC <sub>ADA</sub>	WATER CLOSET - WALL MOUNT REAR SPUD 1.1 - 1.6 GPF PROVIDE ADA HEIGHT WHERE INDICATED	SLOAN	ST-2469-STG # 2172469 - "STG" - SLOAN - TEC GLAZE?
FS <sub>1</sub>	FLUSHOMETER SENSOR - WATER CLOSET CONCEALED 1.28 GPF	SLOAN	CX 8158-1.28-CP-OR # 3400301
FS <sub>2</sub>	FLUSHOMETER SENSOR - URINAL CONCEALED 0.5 GPF	SLOAN	CX 8198-0.5-CP-OR # 3400302
SD <sub>1</sub>	SENSOR SOAP DISPENSER - RESTROOMS HARD - WIRED - DECK MOUNTED	SLOAN	ESD-400-CP # 3346080
SD <sub>2</sub>	SENSOR SOAP DISPENSER - RESTROOMS HARD - WIRED - WALL MOUNTED	GOJO	GOJO LTX-12
HD <sub>ADA</sub>	AUTOMATIC HAND DRYER & PROVIDE ADA RECESS KIT (BRUSHED NICKEL) WHERE INDICATED	SLOAN	XLERATOR - EHD 501-BN # 3366122 + ADA RECESS KIT # 3366139

RESTROOM ACCESSORY SCHEDULE			
SYMBOL	DESCRIPTION	MANUFACTURER	MODEL #
GB <sub>1</sub>	GRAB BAR - SIDE	BOBRICK	B-6806 42"
GB <sub>2</sub>	GRAB BAR - REAR	BOBRICK	B-6806 36"
GB <sub>3</sub>	GRAB BAR - VERTICAL	BOBRICK	B-6806 18" VERTICAL
CT	BABY CHANGING STATION	KOALA KARE	KB-110-SSWM
TP	TOILET PAPER DISPENSER UNIT	KIMBERLY CLARK	09551
PT	PAPER TOWEL DISPENSER	GEORGIA PACIFIC ENMOTION	59462A
MI <sub>1</sub>	MIRROR 6'-9" X4'-0"	BOBRICK	B-290 81"X48"
MI <sub>2</sub>	MIRROR 4'-0" X4'-0"	BOBRICK	B-290 48"X48"
MI <sub>3</sub>	MIRROR 2'-0" X4'-0"	BOBRICK	B-290 24"X48"
SC	SEAT COVER DISPENSER	BOBRICK	B-221
WR	WASTE RECEPTACLE - 21 GALLONS NO COVER	BOBRICK	B-2280
SN	SANITARY NAPKIN DISPOSAL BIN	BOBRICK	B-35139
PS	TOILET PARTITIONS	SCRANTON	ECLIPSE 62" HEIGHT

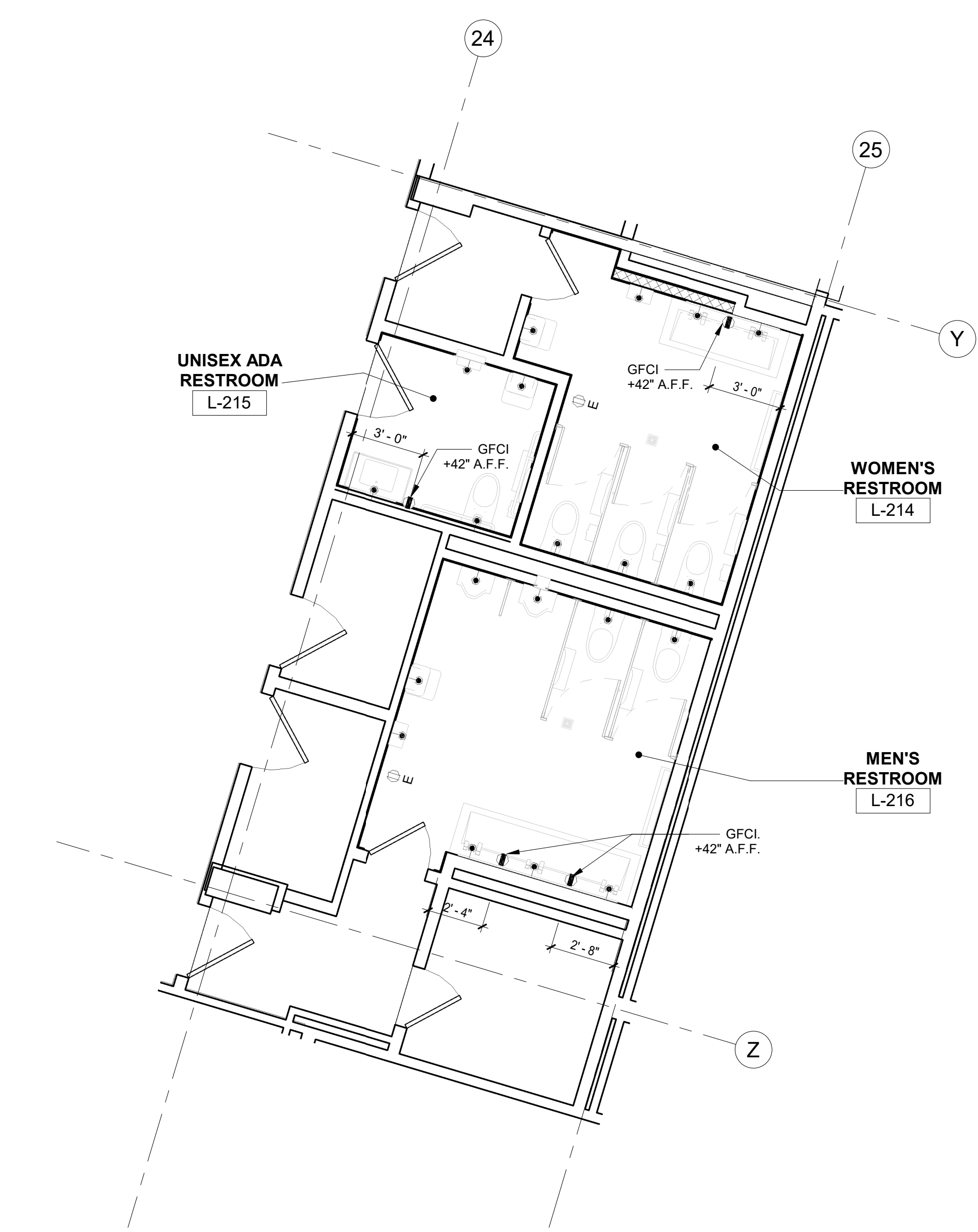
	<b>GRAFF &amp; LEWENT</b> ARCHITECTS LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989
	REVISION NUMBER    DATE    MADE BY    APP'D BY    REVISION
<b>RECORD DRAWING CERTIFICATION</b> <input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES	
CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____	CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK PLUMBING PLAN & FIXTURE SCHEDULE	CONTRACT NUMBER: 20-502 SHEET NO. 30 OF 133 SCALE: As indicated DATE: 01-19-2024 DPW FILE NO. 52-11-A-1842-0 SHEET NUMBER: <b>A-120</b> Issue Date: _____ REV NO.: _____



1 POWER & COMMUNICATIONS PLAN - 1ST FLOOR - MEN'S & WOMEN'S RESTROOMS  
1/4" = 1'-0"



3 POWER & COMMUNICATIONS PLAN - 2ND FLOOR NORTH WING - RESTROOM  
1/4" = 1'-0"

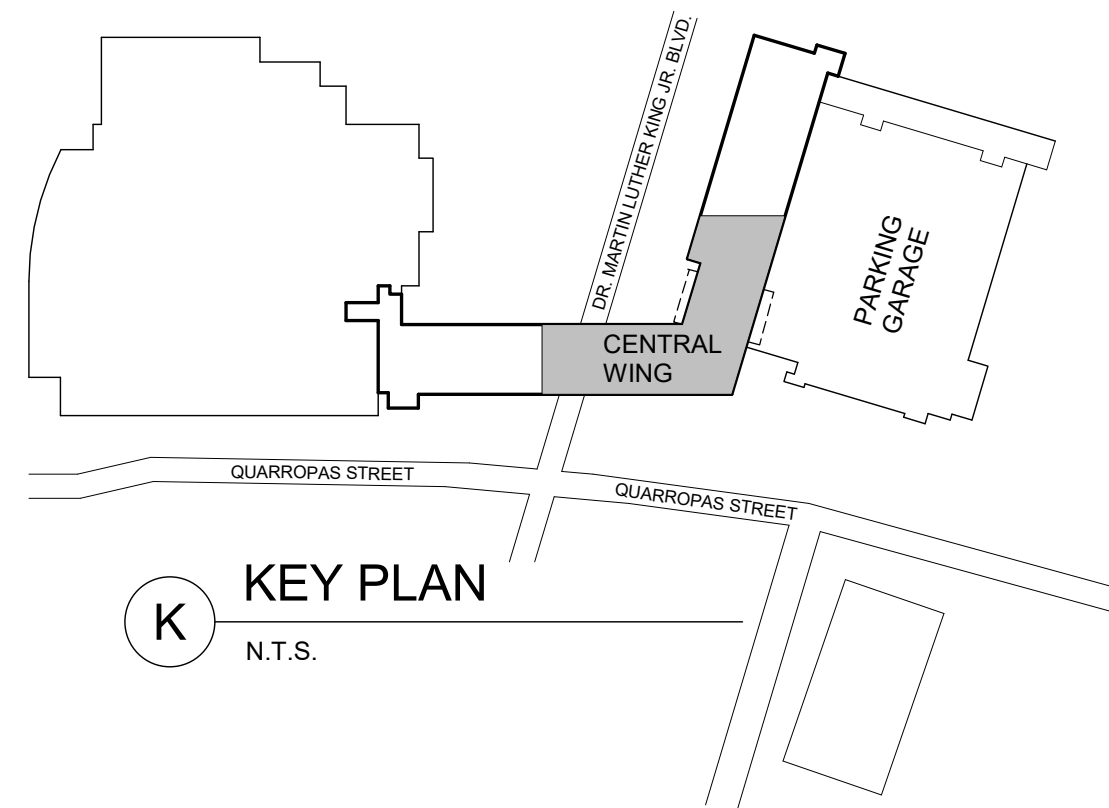


2 POWER & COMMUNICATIONS PLAN - 2ND FLOOR CENTRAL WING - PUBLIC RESTROOM  
1/4" = 1'-0"

POWER PLAN LEGEND	
SYMBOL	DESCRIPTION
	JUNCTION BOX
	DUPLEX GFCI OUTLET
	EXISTING OUTLET TO REMAIN
	DOUPLEX OUTLET
	DATA COMMUNICATIONS OUTLET

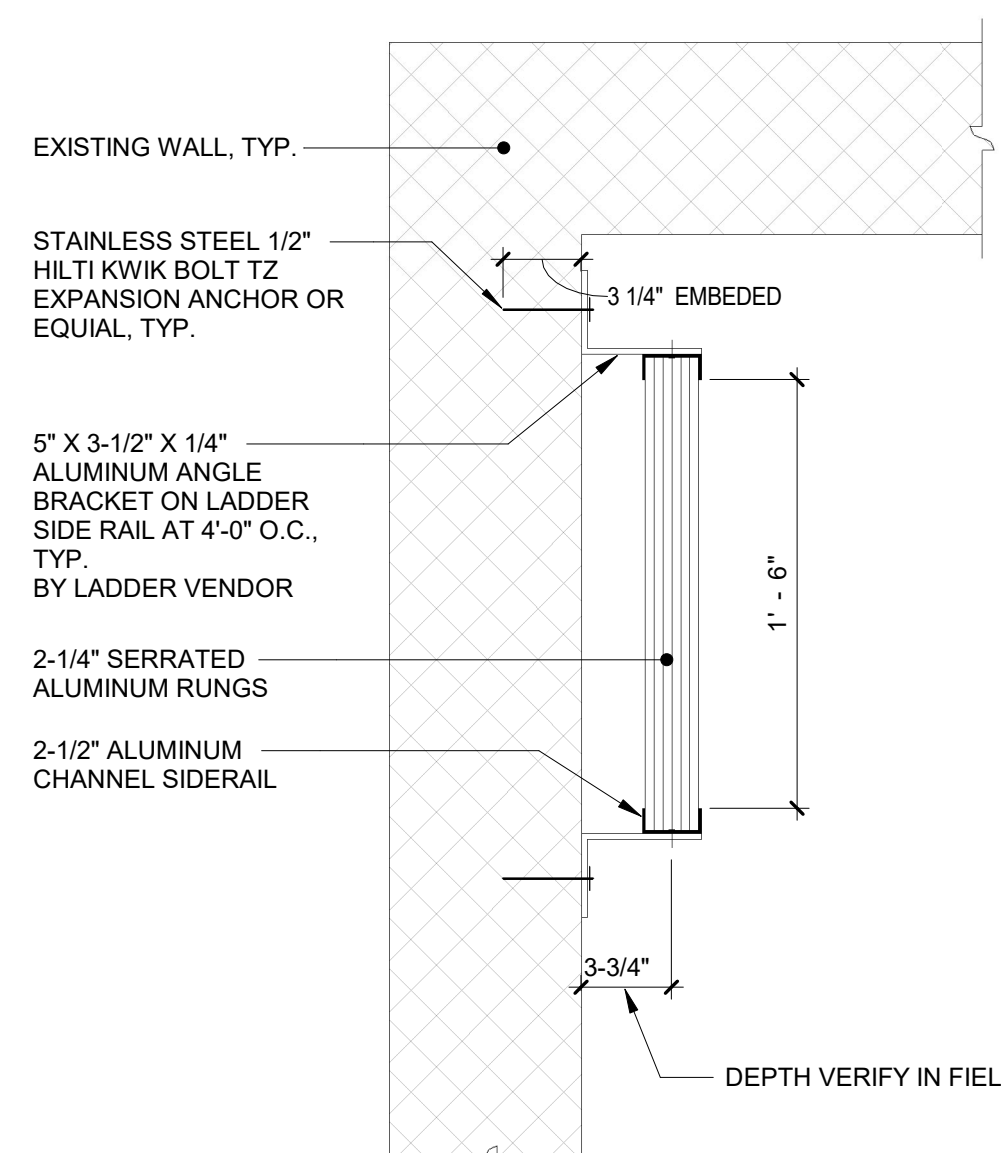
POWER PLAN NOTE:  
1. ALL OUTLET TO BE RECESSED.

	CONSULTANT INFORMATION	
	<b>Graf &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY APP'D BY REVISION
RECORD DRAWING CERTIFICATION		
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CONTRACTOR		CONTRACTOR
NAME: _____	NAME: _____	
SIGNATURE: _____	SIGNATURE: _____	
TITLE: _____	TITLE: _____	DATE: _____
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502
DIVISION OF ENGINEERING		SHEET NUMBER A-121
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: As indicated DATE: 01-19-2024 Issue Date
POWER PLAN - RESTROOMS		DPW FILE NO. 52-11-A-1843-0 REV NO.

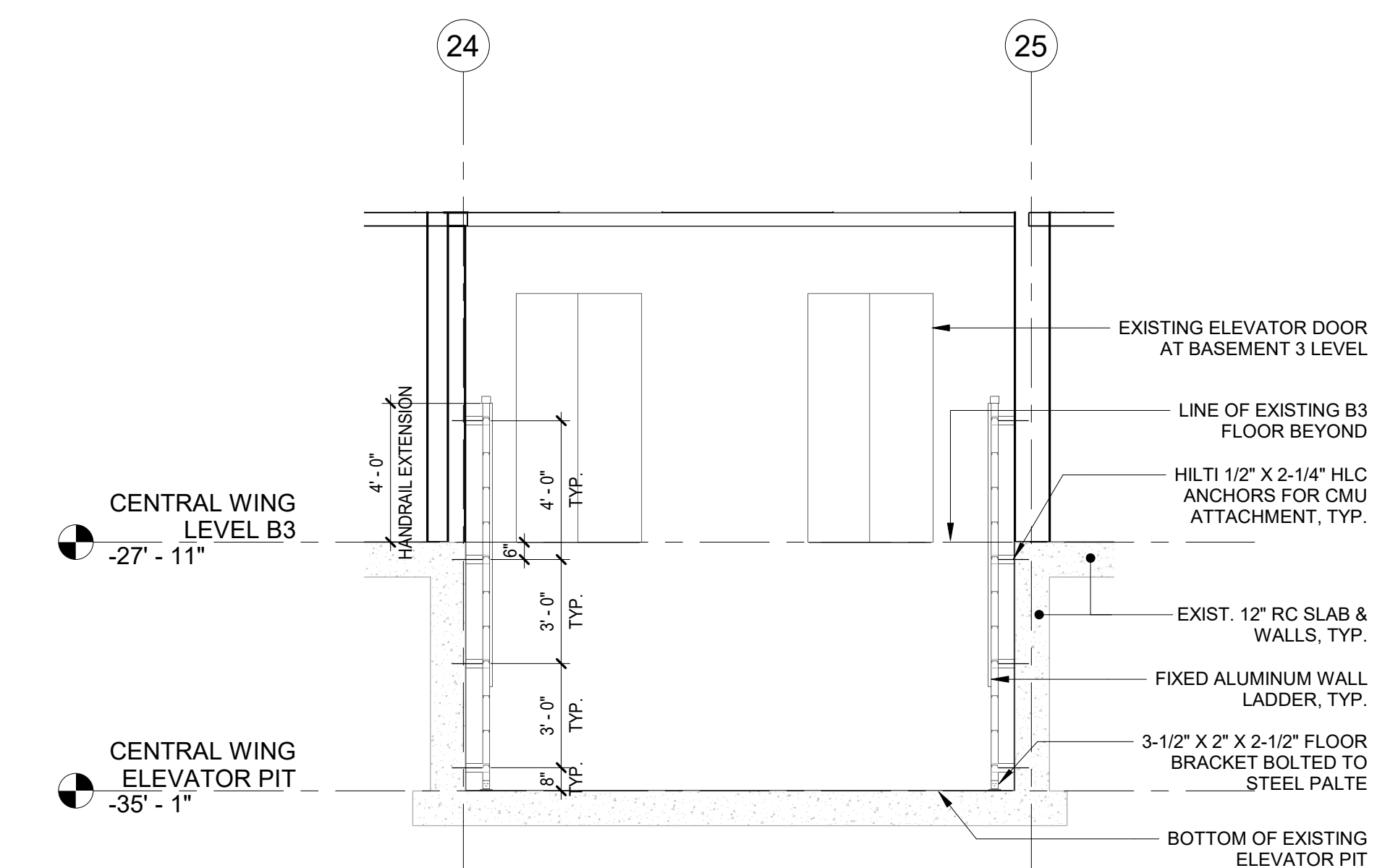


**ELEVATOR SHAFT INSPECTION & REPAIR NOTE:**

CONTRACTOR INVESTIGATES INTERIOR OF EXISTING ELEVATOR SHAFT BEFORE CONSTRUCTION START. PROVIDE REPORT AND PHOTOS OF ANY DAMAGED AND/OR DEFECTS TO THE ARCHITECT AND THE OWNER. ELEVATOR SHAFT TO BE REPAIRED TO MAINTAIN FIRE RATING.

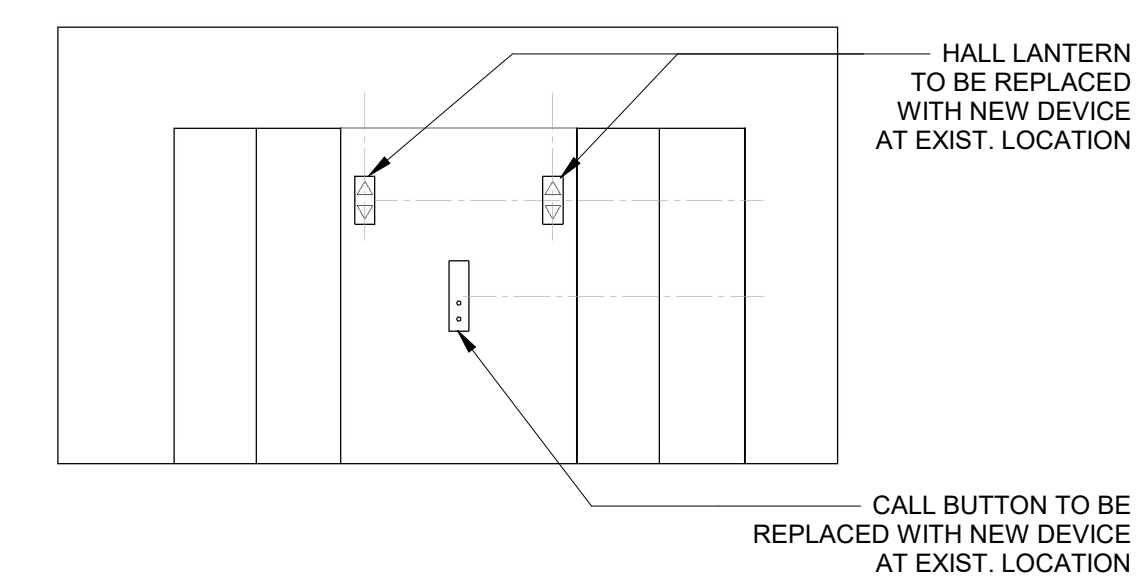


**2 TYP. FIXED LADDER DETAIL**  
1 1/2" = 1'-0"



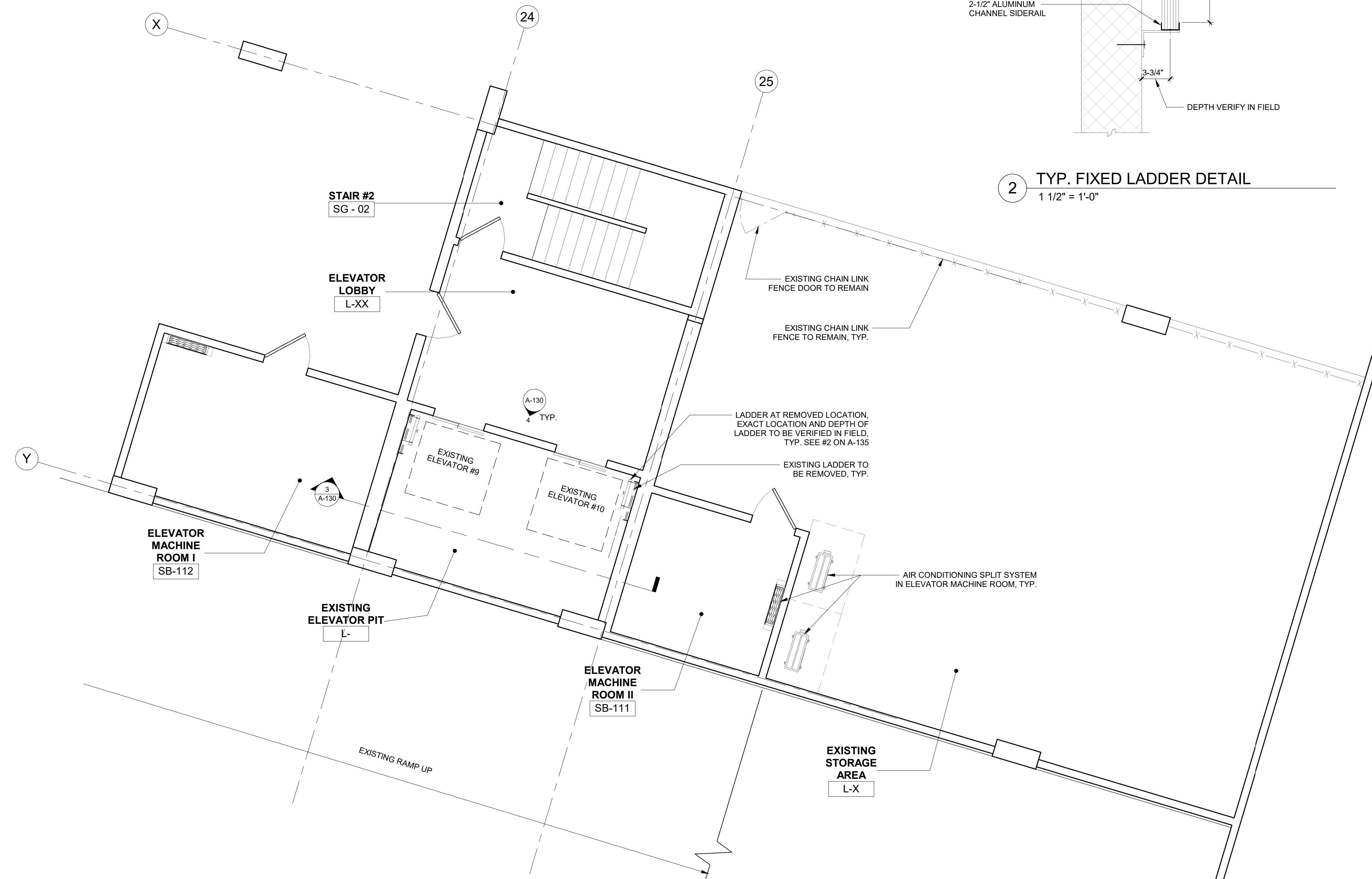
**3 ELEVATOR PIT SECTION**  
1/4" = 1'-0"

**NOTE:**  
LADDER MUST MEET THE REQUIREMENTS OF ANSI A17.1 SECTION 2.2.4., TYP.



**4 TYP. BASEMENT ELEVATOR ELEVATION**  
1/4" = 1'-0"  
**ELEVATOR LOBBY**

- NOTES:**
- TYPICAL FOR ALL 6 FLOORS. VERIFY CONDITIONS & FINISHES IN FIELD. SEE A-201 FOR ADDITIONAL INFORMATION
  - REPAIR WALL AREAS DAMAGED BY ELEVATOR EQUIPMENT REMOVALS & INSTALLATIONS. REFINISH ENTIRE WALL AREA TO MATCH EXISTING. COORDINATE WALL MOUNTED EQUIPMENT WITH ELEVATOR CONTRACTOR.

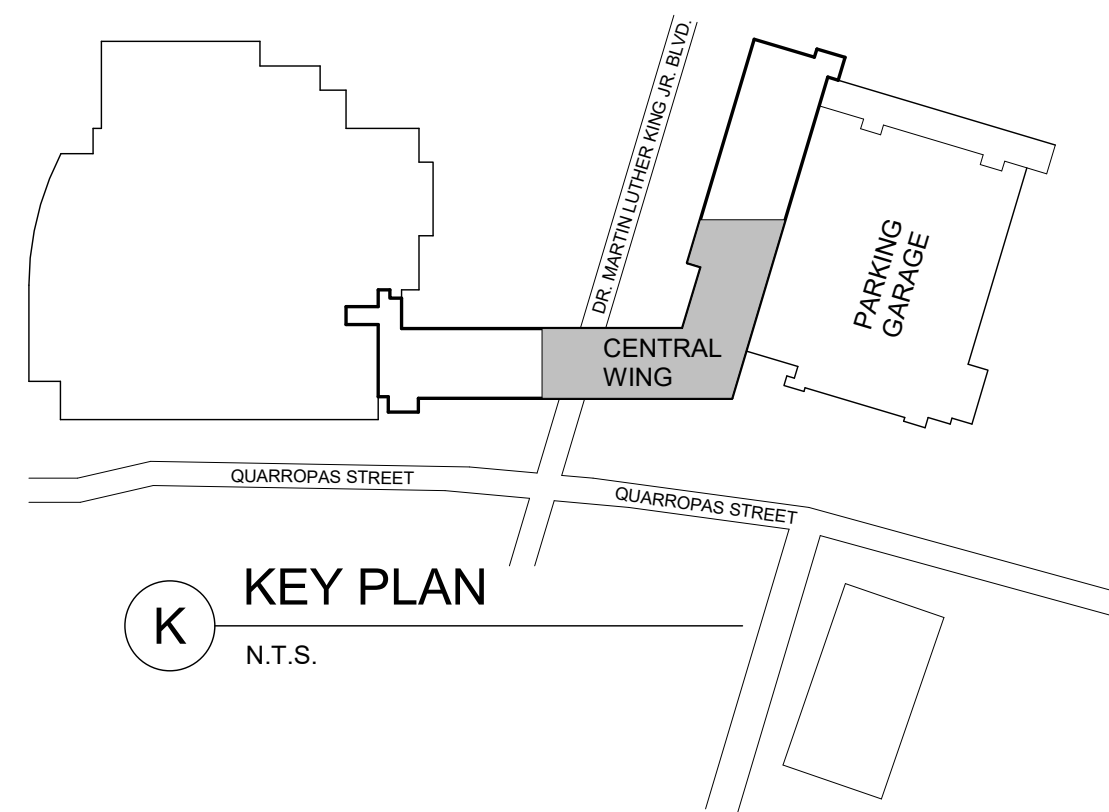


**1 PARTIAL BASEMENT 3 LEVEL PLAN - ELEVATOR MACHINE ROOMS @ CENTRAL WING**  
1/4" = 1'-0"  
110 MARTIN LUTHER KING JR. BLVD.

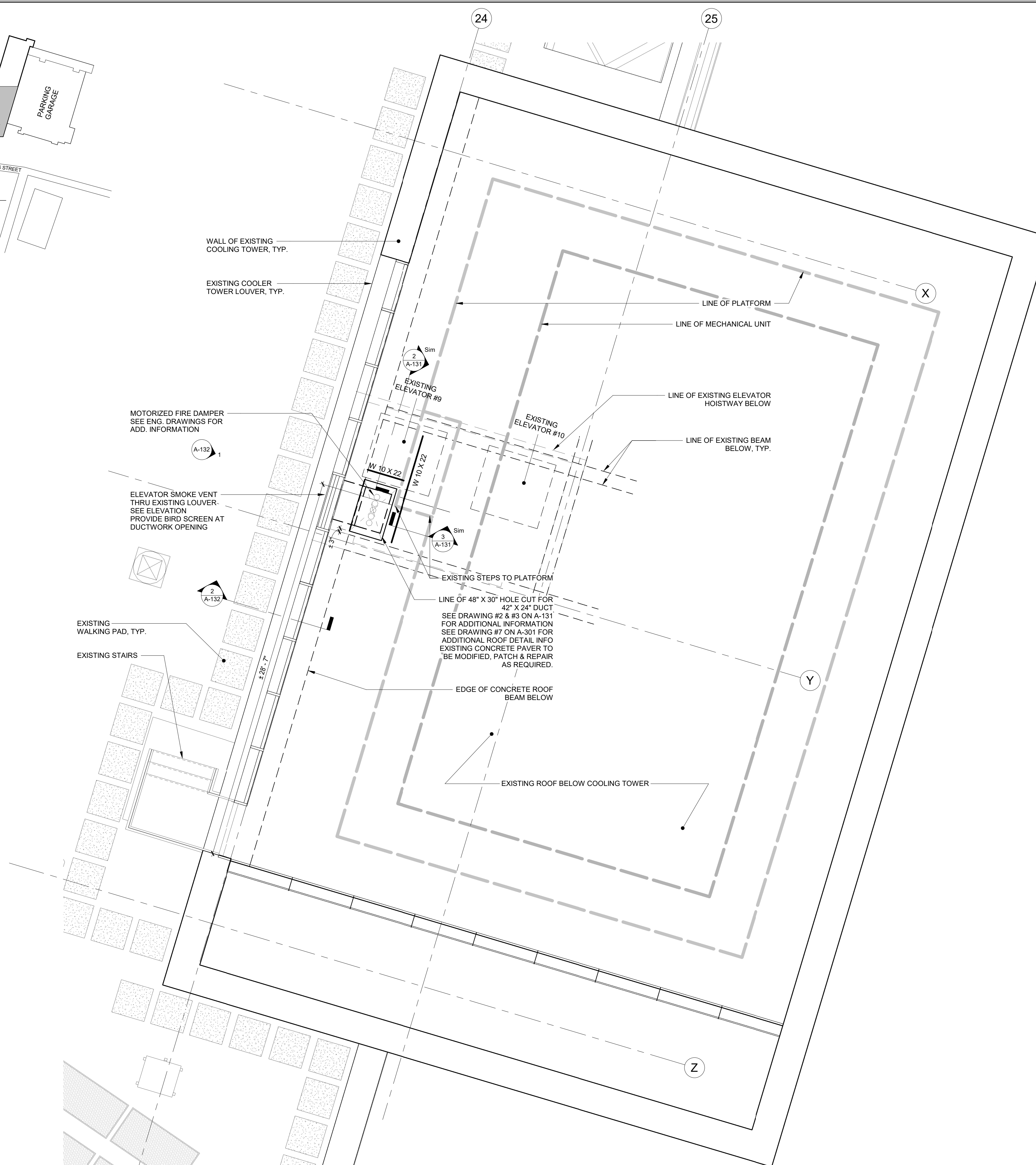
**NOTE:**  
SEE A-140 FOR ELEVATOR CAB RENOVATION DETAILS

		CONSULTANT INFORMATION <b>Graf &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989		
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
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CONTRACTOR		CONTRACTOR		
NAME:	DATE:	NAME:	DATE:	
SIGNATURE:		SIGNATURE:		
TITLE:		TITLE:		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER <b>A-130</b>	
DIVISION OF ENGINEERING		SCALE: As indicated		
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		DATE: 01-19-2024	Issue Date	
PARTIAL BASEMENT 3 PLAN - ELEVATOR - 110 MLK BLVD		DPW FILE NO.	REV NO.	
		52-11-A-1844-0		

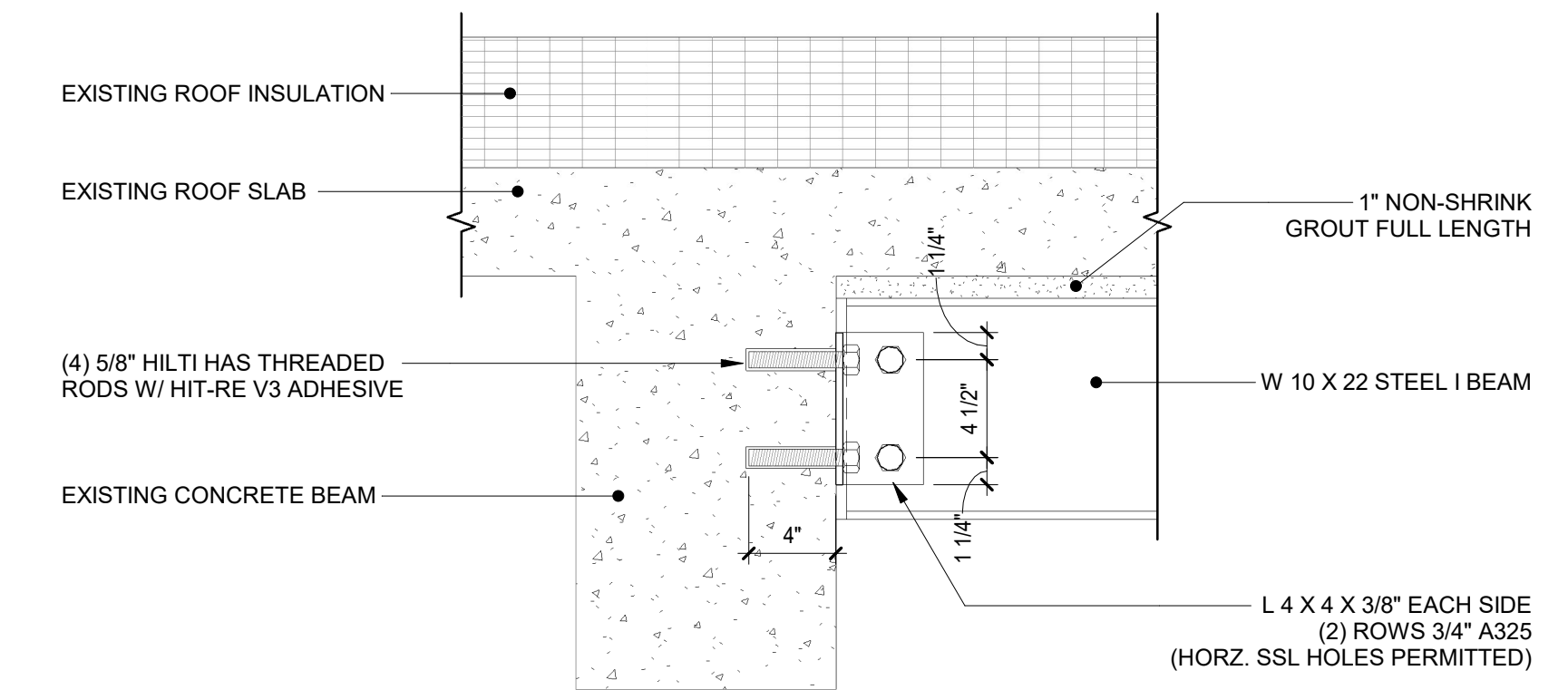




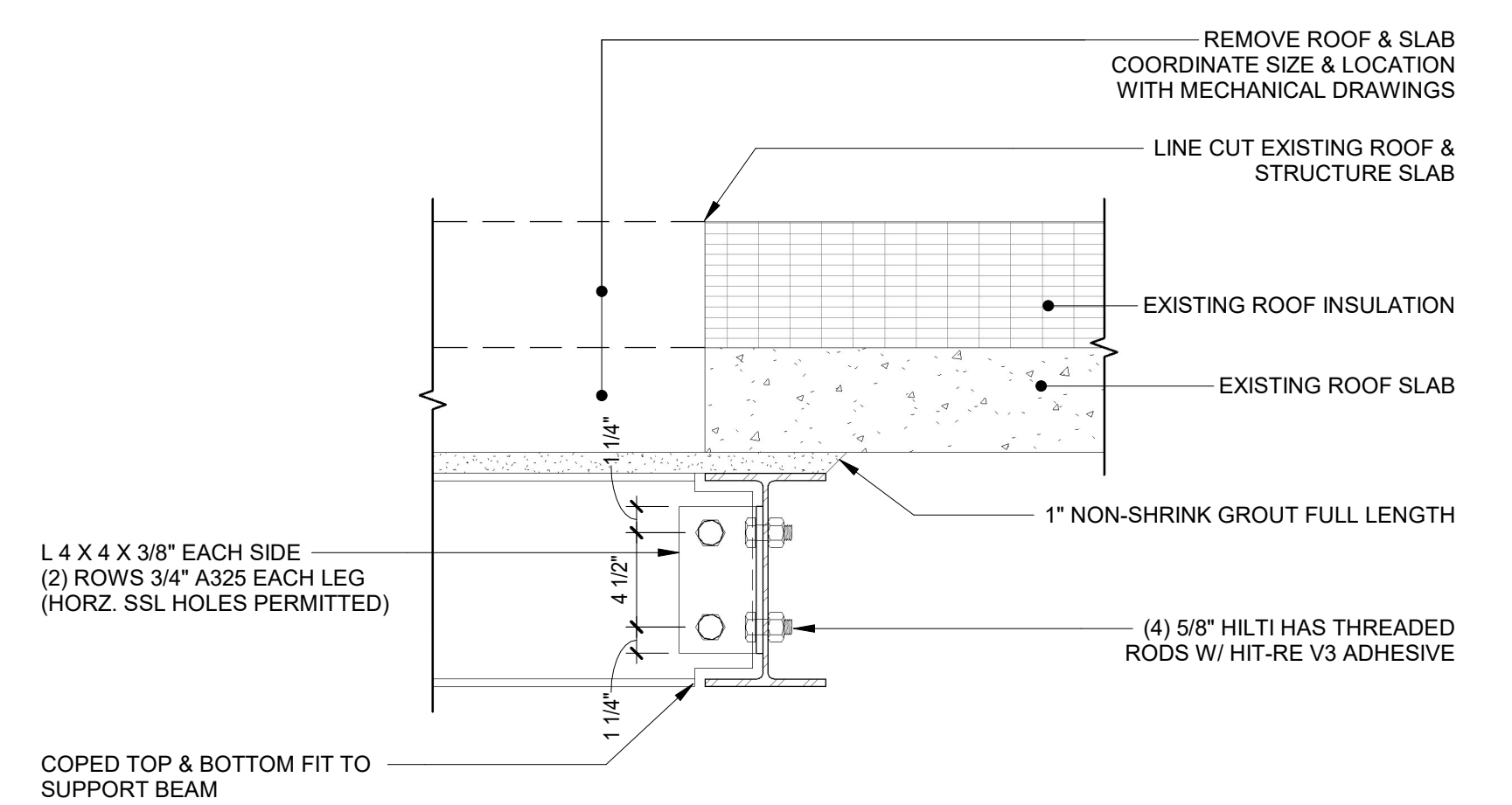
**K** KEY PLAN  
N.T.S.



**1** PARTIAL ROOF PLAN - ELEVATOR HOISTWAY @ CENTRAL WING  
1/4" = 1'-0"  
110 MARTIN LUTHER KING JR. BLVD.



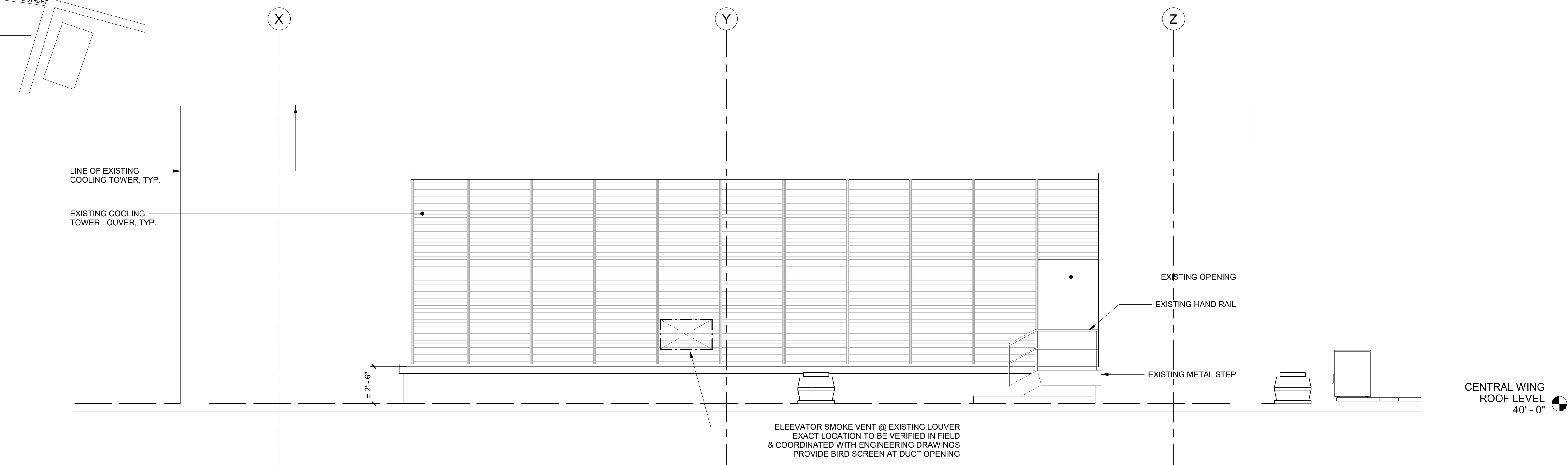
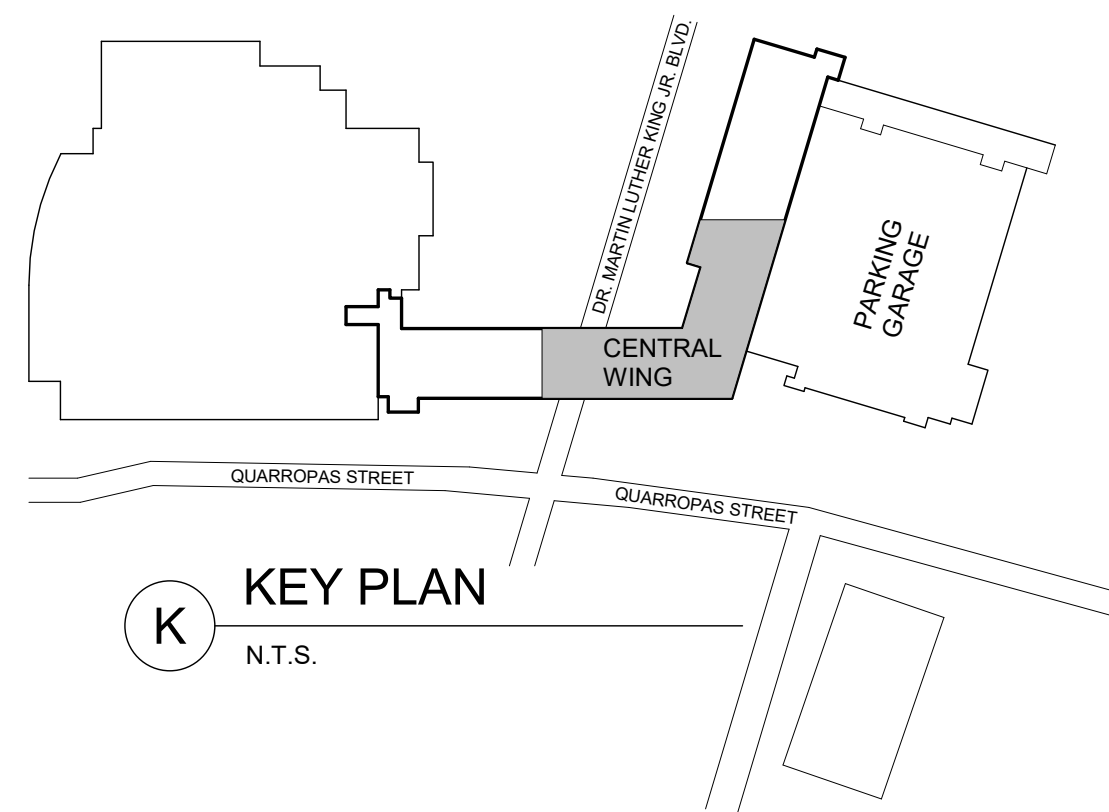
**2** ROOF OPENING STRUCTURAL SUPPORT DETAIL 1  
1 1/2" = 1'-0"



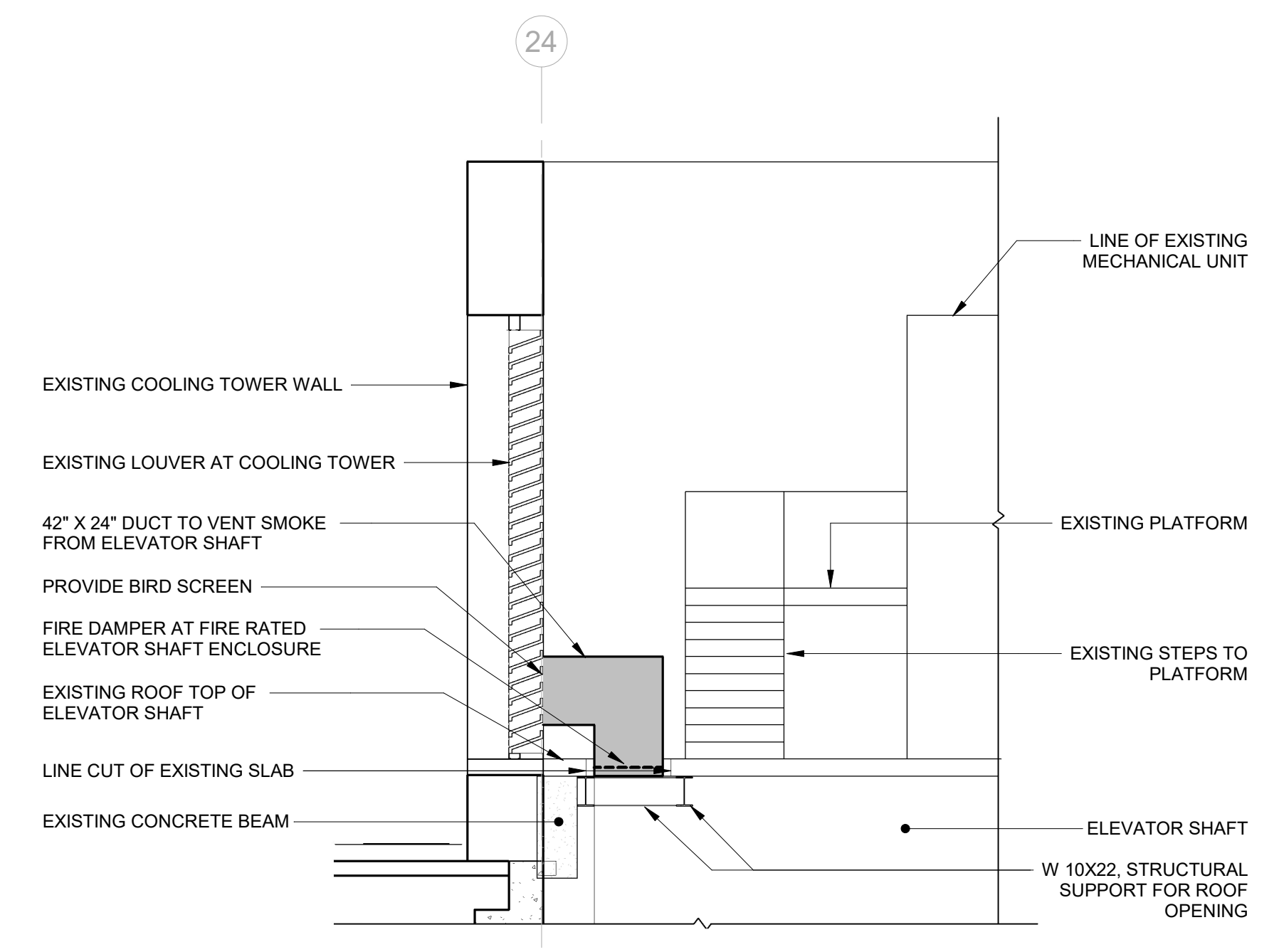
**3** ROOF OPENING STRUCTURAL SUPPORT DETAIL 2  
1 1/2" = 1'-0"

**ROOF WARRANTY NOTE:**  
ROOF UNDER JM WARRANTY  
ALL ROOF WORK TO BE DONE BY JM AUTHORIZED CONTRACTOR  
AND REPORTED TO JM FOR WARRANTY PURPOSES.

	CONSULTANT INFORMATION			
	<b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989			
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
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CONTRACTOR		CONTRACTOR		
NAME:	NAME:	DATE:	SIGNATURE:	TITLE:
SIGNATURE:	SIGNATURE:	DATE:	DATE:	DATE:
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	A-131	
DIVISION OF ENGINEERING		SHEET NO. 33	OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE:	As indicated	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: 01-19-2024	Issue Date	
WHITE PLAINS, NEW YORK		DPW FILE NO.	REV NO.	
PARTIAL ROOF PLAN - ELEVATOR HOISTWAY - 110 MLK BLVD		52-11-A-1845-0		



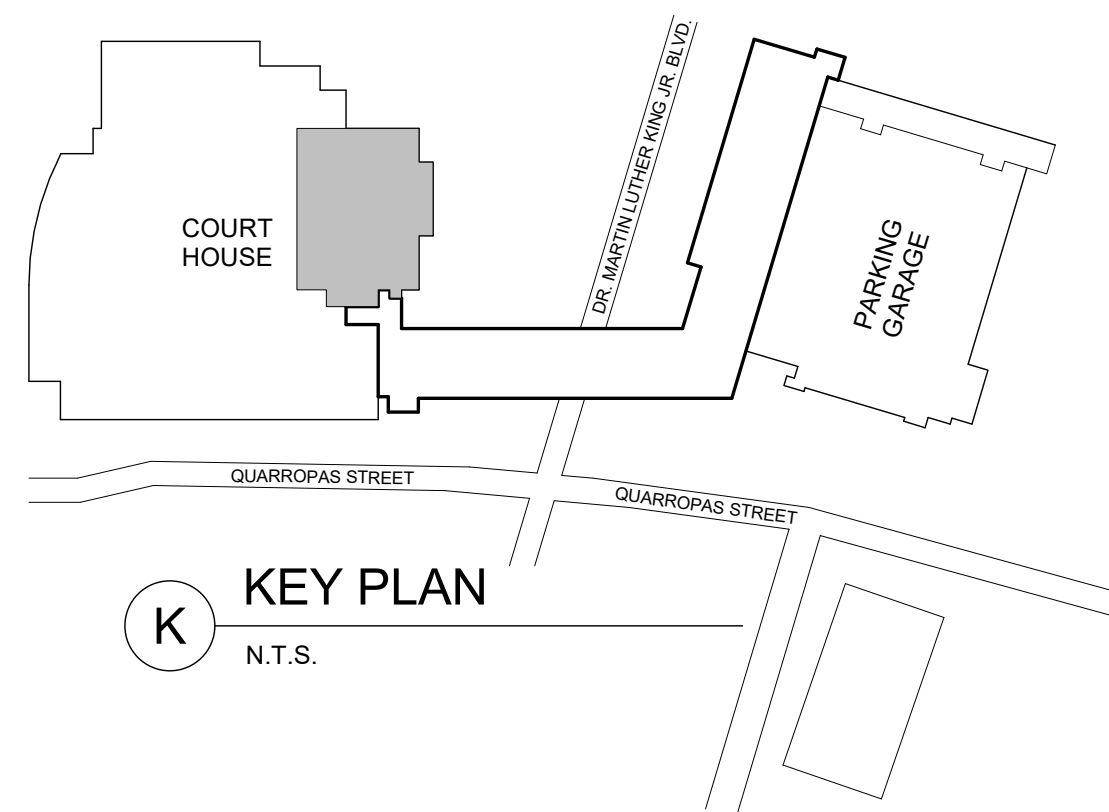
**1** EXTERIOR ELEVATION - CENTRAL WING ROOF AT COOLING TOWER  
1/4" = 1'-0"  
110 MARTIN LUTHER KING JR. BLVD.



**2** SECTION AT DUCTWORK PENETRATION  
1/4" = 1'-0"

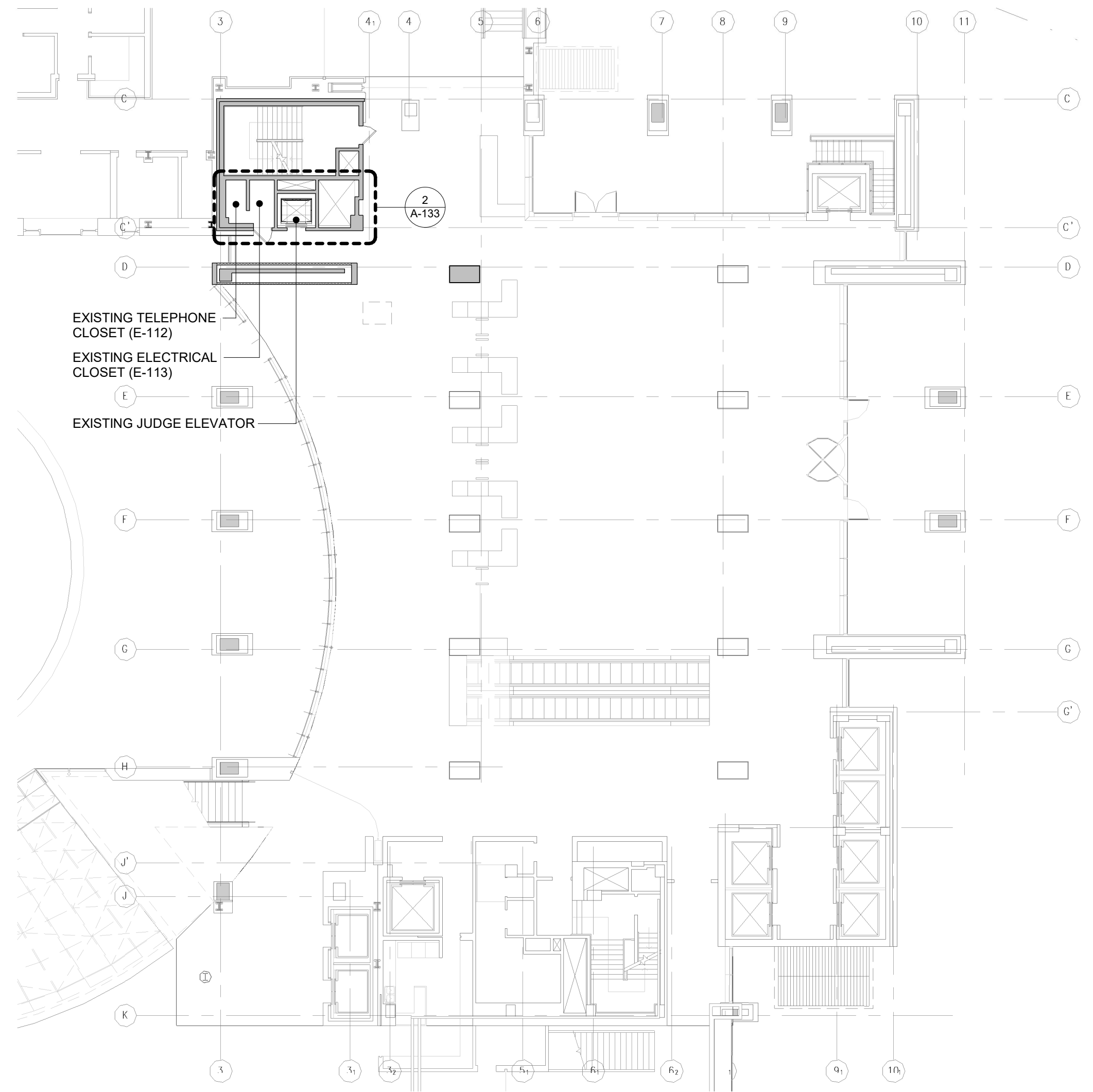
**ROOF WARRANTY NOTE:**  
ROOF UNDER JM WARRANTY  
ALL ROOF WORK TO BE DONE BY JM AUTHORIZED CONTRACTOR  
AND REPORTED TO JM FOR WARRANTY PURPOSES.

		CONSULTANT INFORMATION <b>Graf &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989		
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
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CONTRACTOR		CONTRACTOR		
NAME:		NAME:		
SIGNATURE:		SIGNATURE:		
TITLE:		TITLE:		
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	A-132	
DIVISION OF ENGINEERING		SHEET NO. 34	OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE:	1/4" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: 01-19-2024	Issue Date	
WHITE PLAINS, NEW YORK		DPW FILE NO.	REV	NO.
PARTIAL EXTERIOR ELEVATION @ CENTRAL WING - 110 MLK BLVD		52-11-A-1846-0		

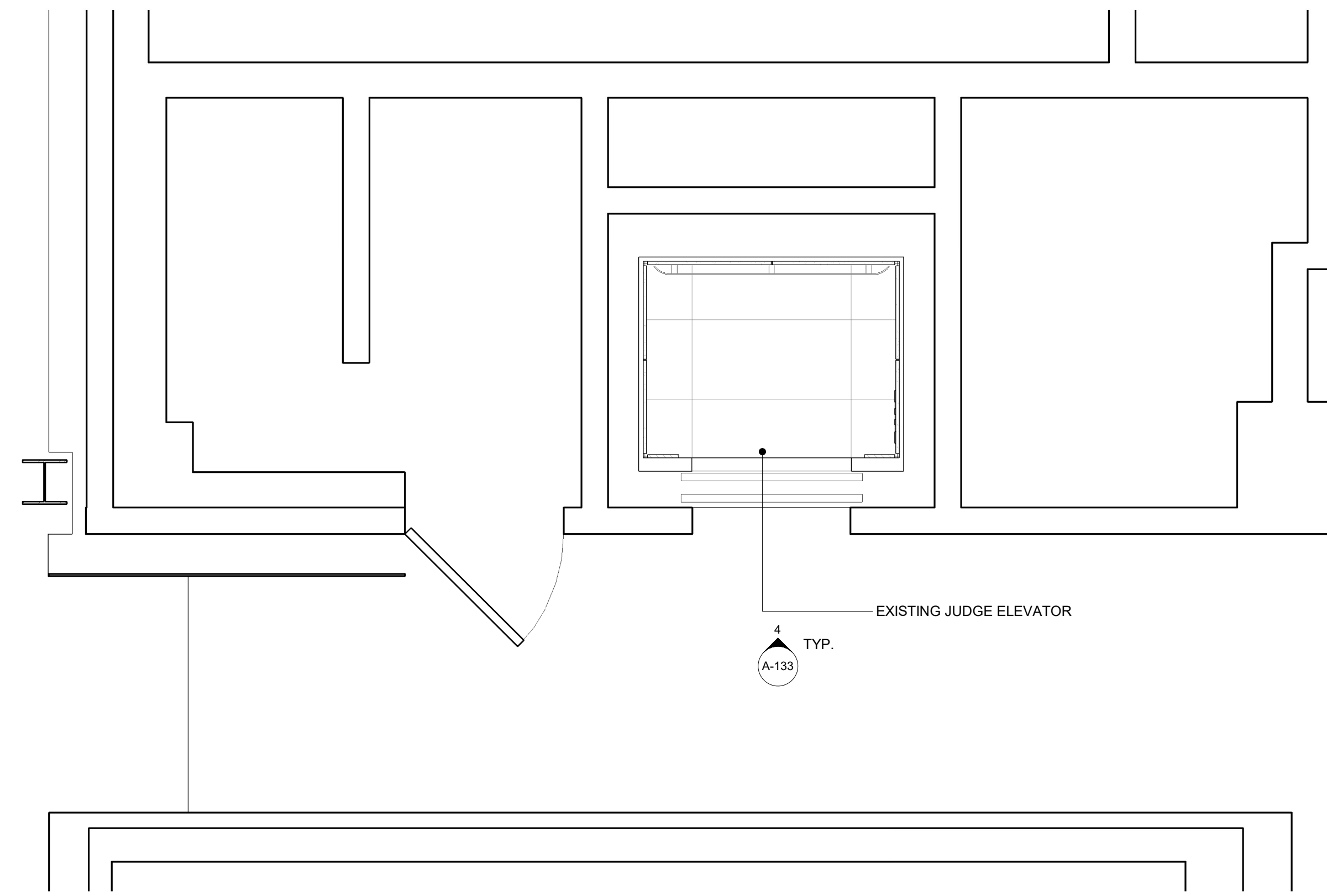


**ELEVATOR SHAFT INSPECTION & REPAIR NOTE:**

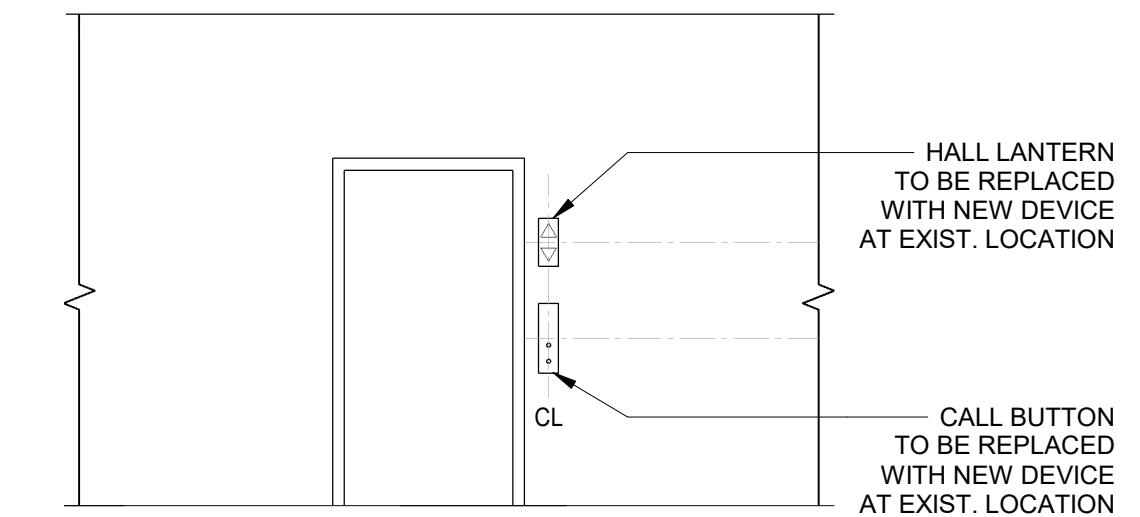
CONTRACTOR INVESTIGATES INTERIOR OF EXISTING ELEVATOR SHAFT BEFORE CONSTRUCTION START. PROVIDE REPORT AND PHOTOS OF ANY DAMAGED AND/OR DEFECTS TO THE ARCHITECT AND THE OWNER. ELEVATOR SHAFT TO BE REPAIRED TO MAINTAIN FIRE RATEING.



**1 PARTIAL KEY PLAN - 1ST FLOOR - JUDGE ELEVATOR B @ COURT HOUSE**  
1/16" = 1'-0"

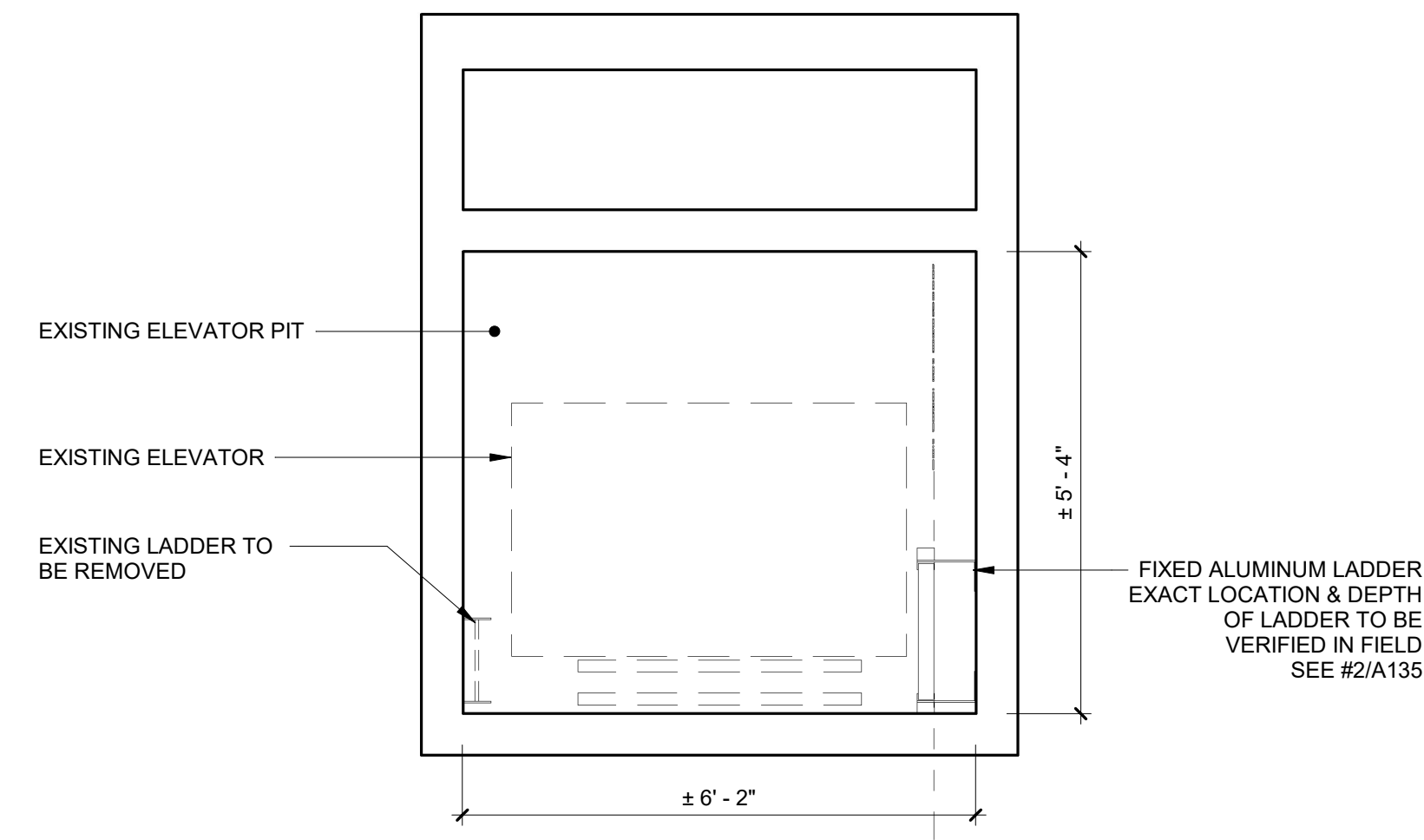


**2 PARTIAL 1ST FLOOR PLAN - JUDGE ELEVATOR**  
1/2" = 1'-0"



**4 TYP. ELEVATOR WALL ELEVATION**  
1/4" = 1'-0"

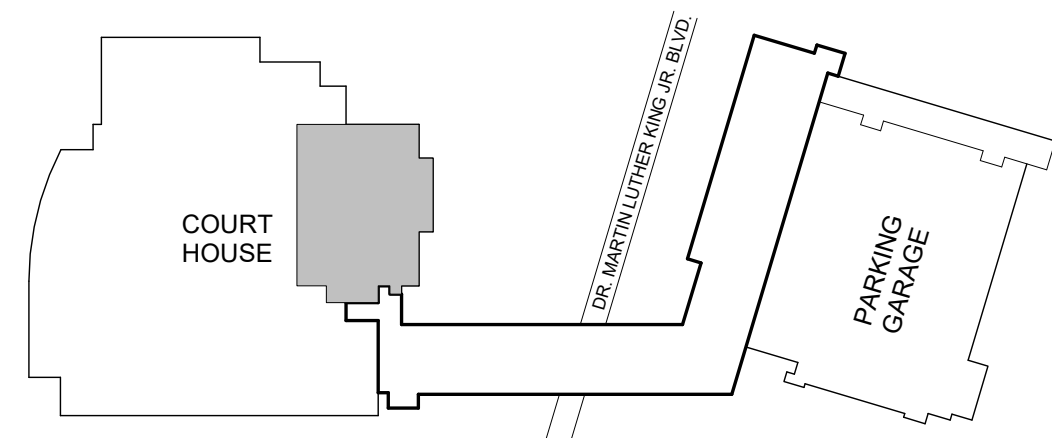
- NOTES:**
1. TYPICAL FOR ALL 21 FLOORS. VERIFY CONDITIONS & FINISHES IN FIELD.
  2. REPAIR WALL AREAS DAMAGED BY ELEVATOR EQUIPMENT REMOVALS & INSTALLATIONS. REFINISH ENTIRE WALL AREA TO MATCH EXISTING. COORDINATE WALL MOUNTED EQUIPMENT WITH ELEVATOR CONTRACTOR.



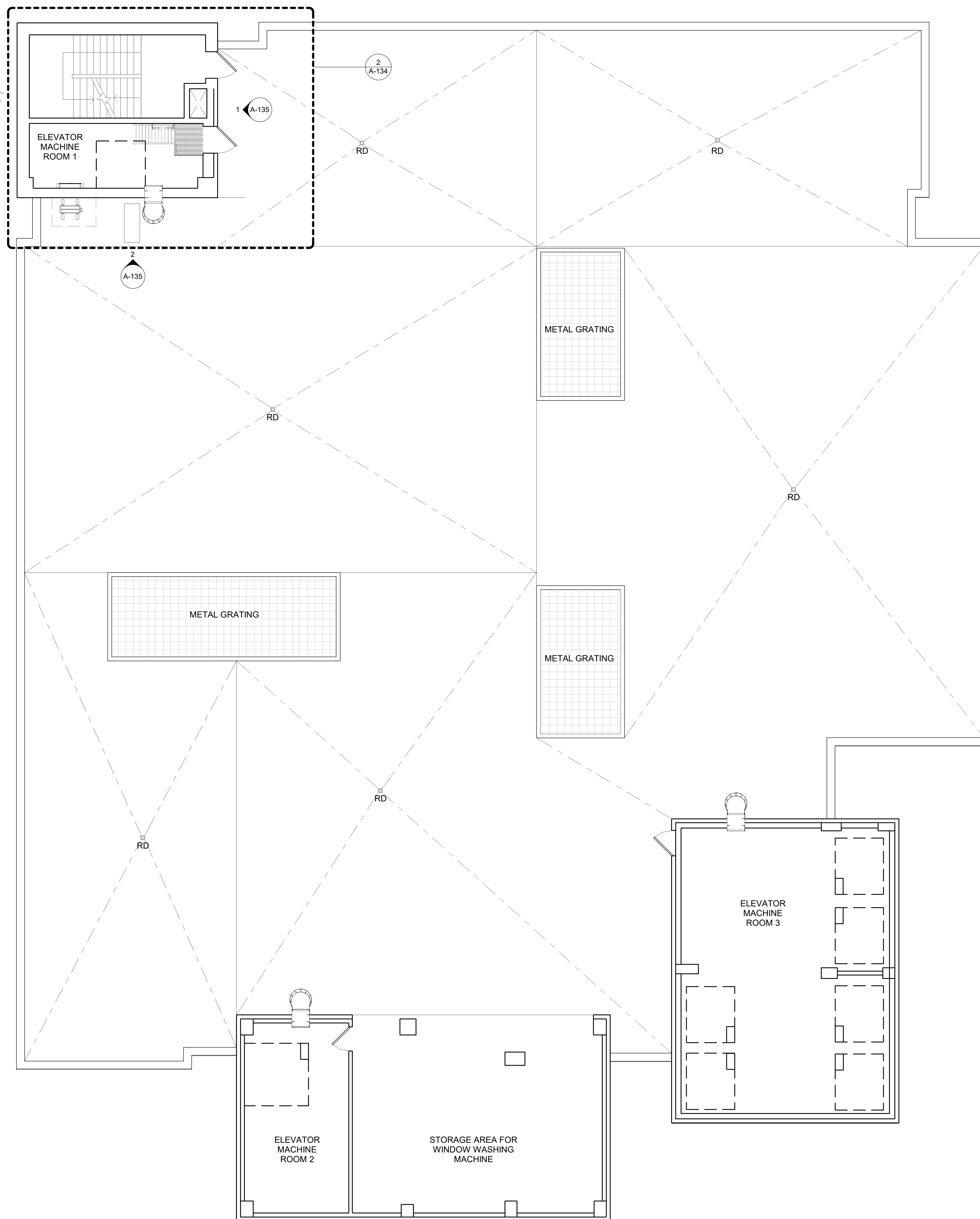
**3 PARTIAL BASEMENT 3 LEVEL PLAN - JUDGE ELEVATOR PIT**  
1/2" = 1'-0"

- NOTES:**
1. LADDER MUST MEET THE REQUIREMENTS OF ANSI A17.1 SECTION 2.2.4., TYP.
  2. SEE A-141 FOR ELEVATOR CAB RENOVATION DETAILS.

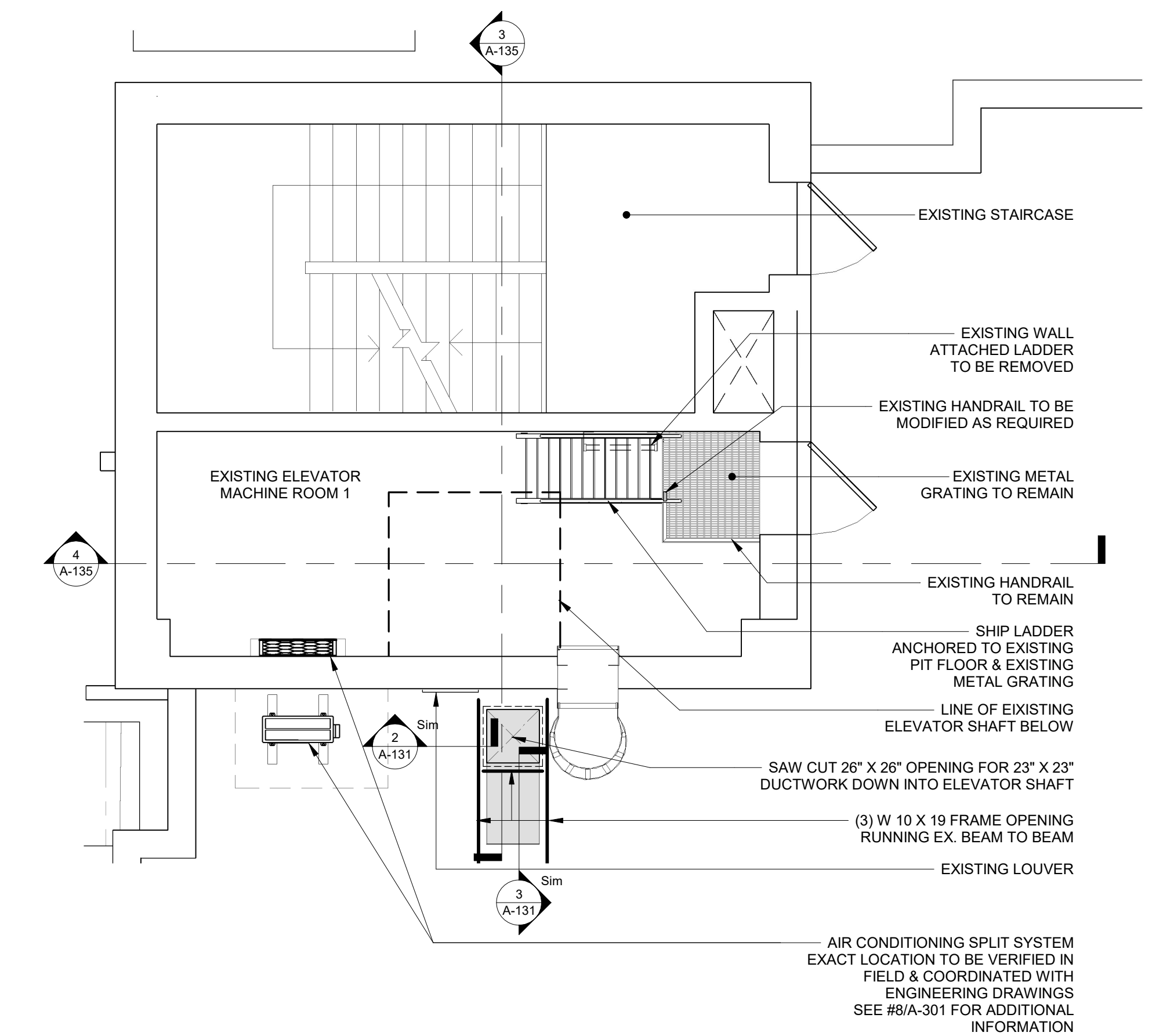
	CONSULTANT INFORMATION			
	<p align="center"><b>Graf &amp; Lewent</b> Architects LLP</p> <p align="center">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>			
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
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CONTRACTOR		CONTRACTOR		
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SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
TITLE:	DATE:	TITLE:	DATE:	TITLE:
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	A-133	
DIVISION OF ENGINEERING		SHEET NO. 35	OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE:	As indicated	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: 01-19-2024	Issue Date	
WHITE PLAINS, NEW YORK		DPW FILE NO.	REV NO.	REV NO.
PARTIAL 1ST FLOOR PLAN - JUDGE ELEVATOR - 111 MLK BLVD		52-11-A-1847-0		



**K** KEY PLAN  
N.T.S.



**1** ROOF BULKHEAD PLAN @ COURT HOUSE  
1/8" = 1'-0"  
111 MARTIN LUTHER KING JR. BLVD.

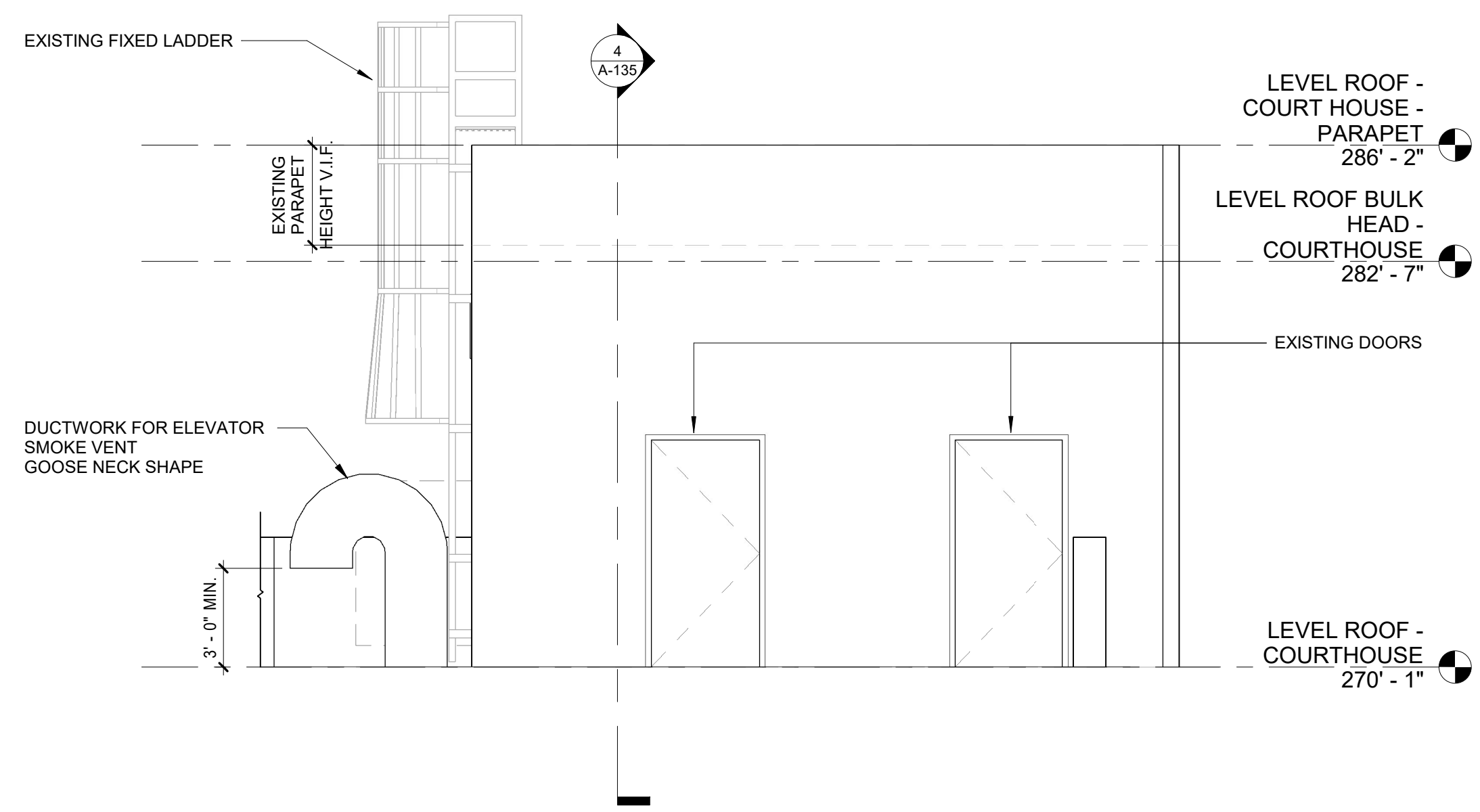


**2** COURT HOUSE ELEVATOR MACHINE ROOM 1  
1/4" = 1'-0"

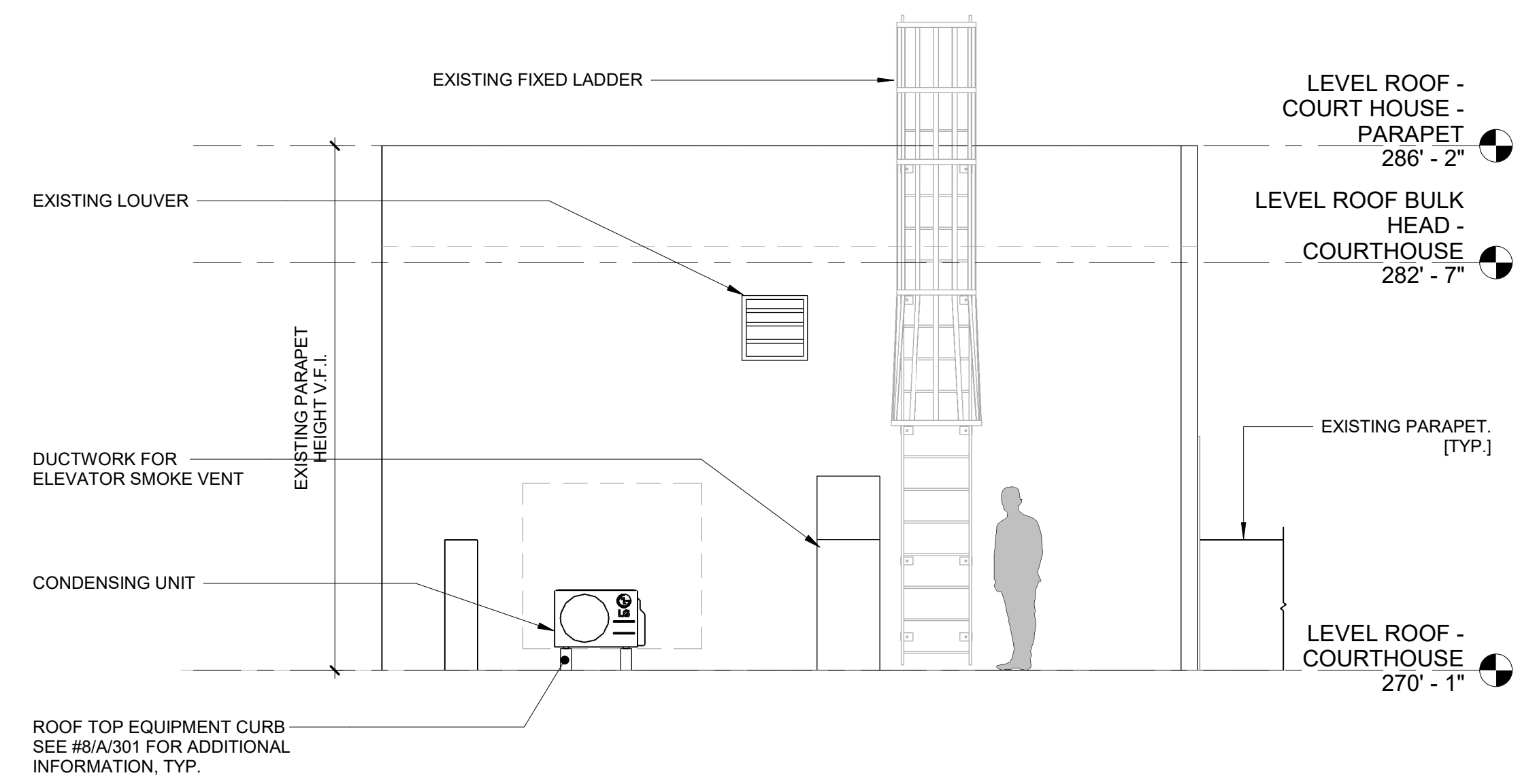
**ROOF WARRANTY NOTE:**

ROOF UNDER JM WARRANTY  
ALL ROOF WORK TO BE DONE BY JM AUTHORIZED CONTRACTOR  
AND REPORTED TO JM FOR WARRANTY PURPOSES.

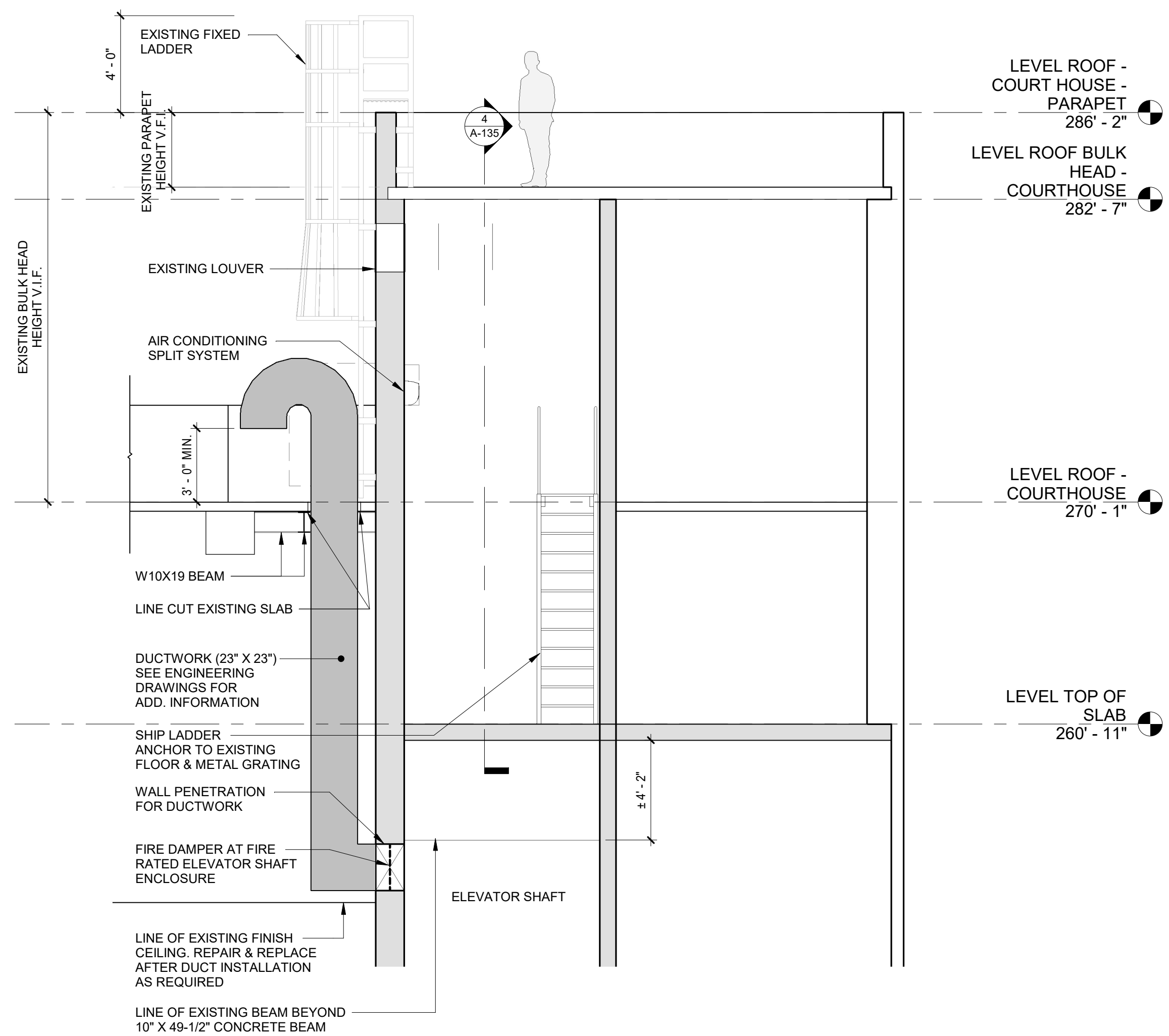
	CONSULTANT INFORMATION			
	<p align="center"><b>Graf &amp; Lewent</b> Architects LLP</p> <p align="center">89-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>			
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
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SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
TITLE:	DATE:	TITLE:	DATE:	TITLE:
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	A-134	
DIVISION OF ENGINEERING		SHEET NO. 36	OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE:	As indicated	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: 01-19-2024	Issue Date	
WHITE PLAINS, NEW YORK		DPW FILE NO.	REV NO.	REV NO.
ROOF PLAN - ELEVATOR MACHINE ROOM - 111 MLK BLVD		52-11-A-1848-0		



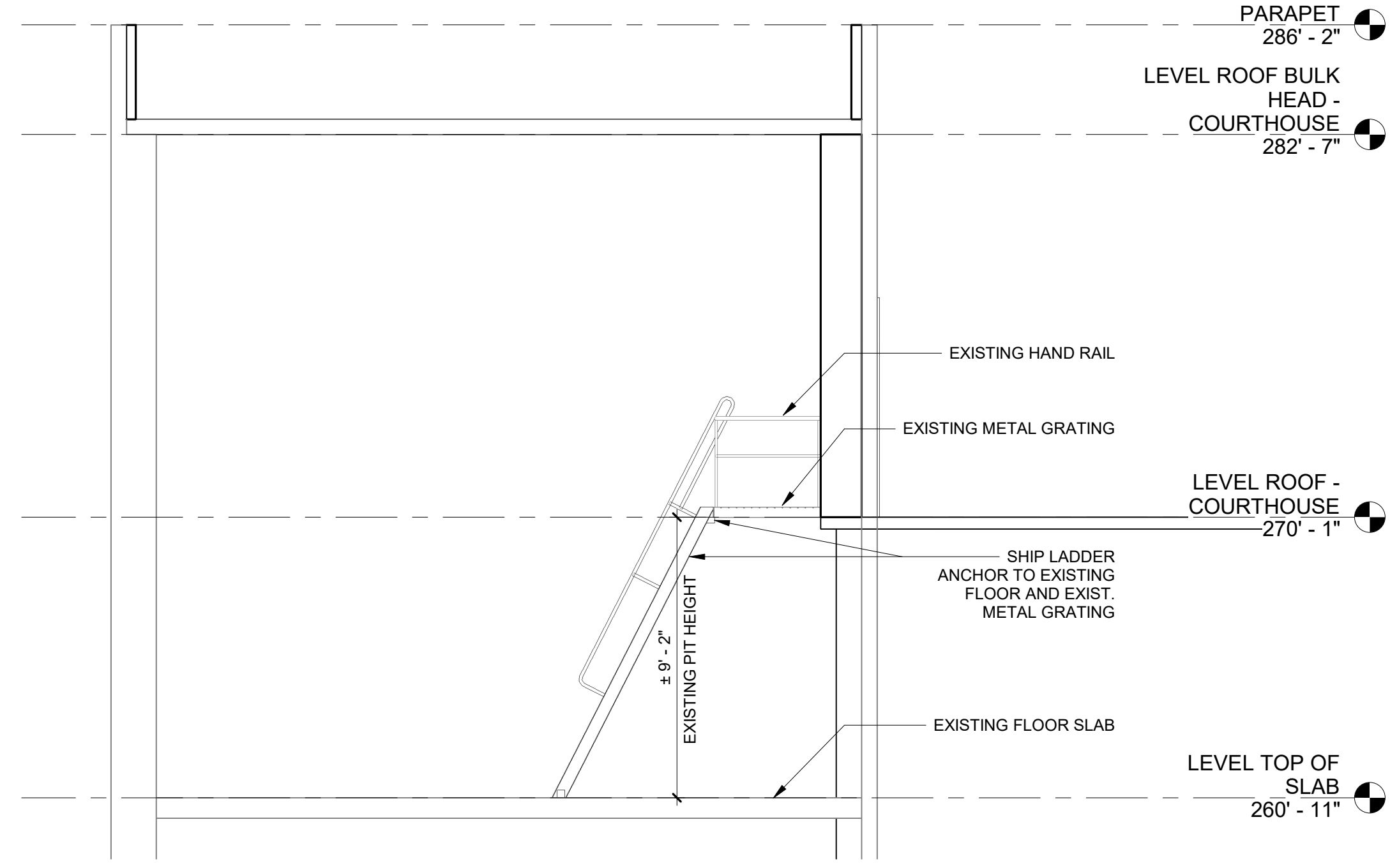
1 WEST ELEVATION - COURTHOUSE ROOF BULKHEAD - MACHINE ROOM #1  
1/4" = 1'-0"



2 NORTH ELEVATION - COURTHOUSE ROOF BULKHEAD - MACHINE ROOM #1  
1/4" = 1'-0"



3 WEST SECTION - COURTHOUSE ROOF BULKHEAD - MACHINE ROOM #1  
1/4" = 1'-0"

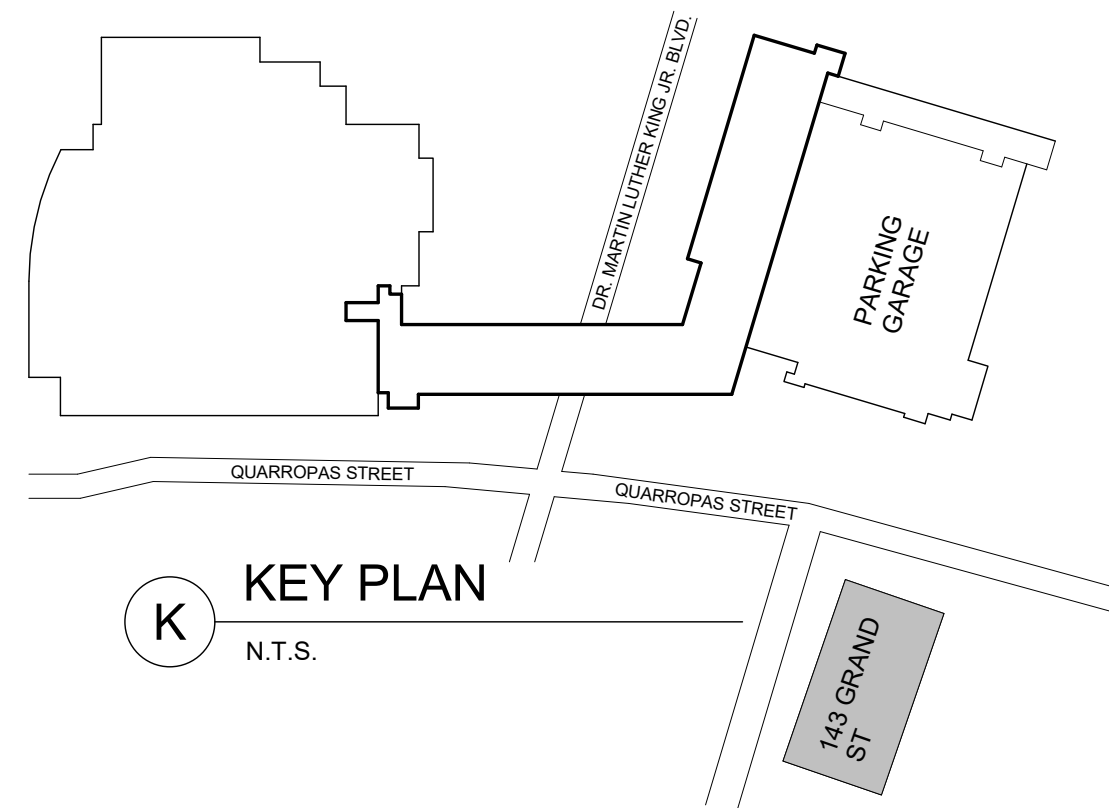


4 SECTION AT ELEVATOR MACHINE ROOM #1  
1/4" = 1'-0"

**ROOF WARRANTY NOTE:**

ROOF UNDER JM WARRANTY  
ALL ROOF WORK TO BE DONE BY JM AUTHORIZED CONTRACTOR  
AND REPORTED TO JM FOR WARRANTY PURPOSES.

		<b>CONSULTANT INFORMATION</b>  <b>Graf &amp; Lewent</b> <b>Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989		
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
<b>RECORD DRAWING CERTIFICATION</b>				
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<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING				CONTRACT NUMBER 20-502 SHEET NO. 37 OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK				SHEET NUMBER <b>A-135</b> SCALE: 1/4" = 1'-0" DATE: 01-19-2024 Issue Date DPW FILE NO. REV NO.
PARTIAL EXTERIOR ELEVATIONS & SECTIONS - 111MLK BLVD				52-11-A-1849-0



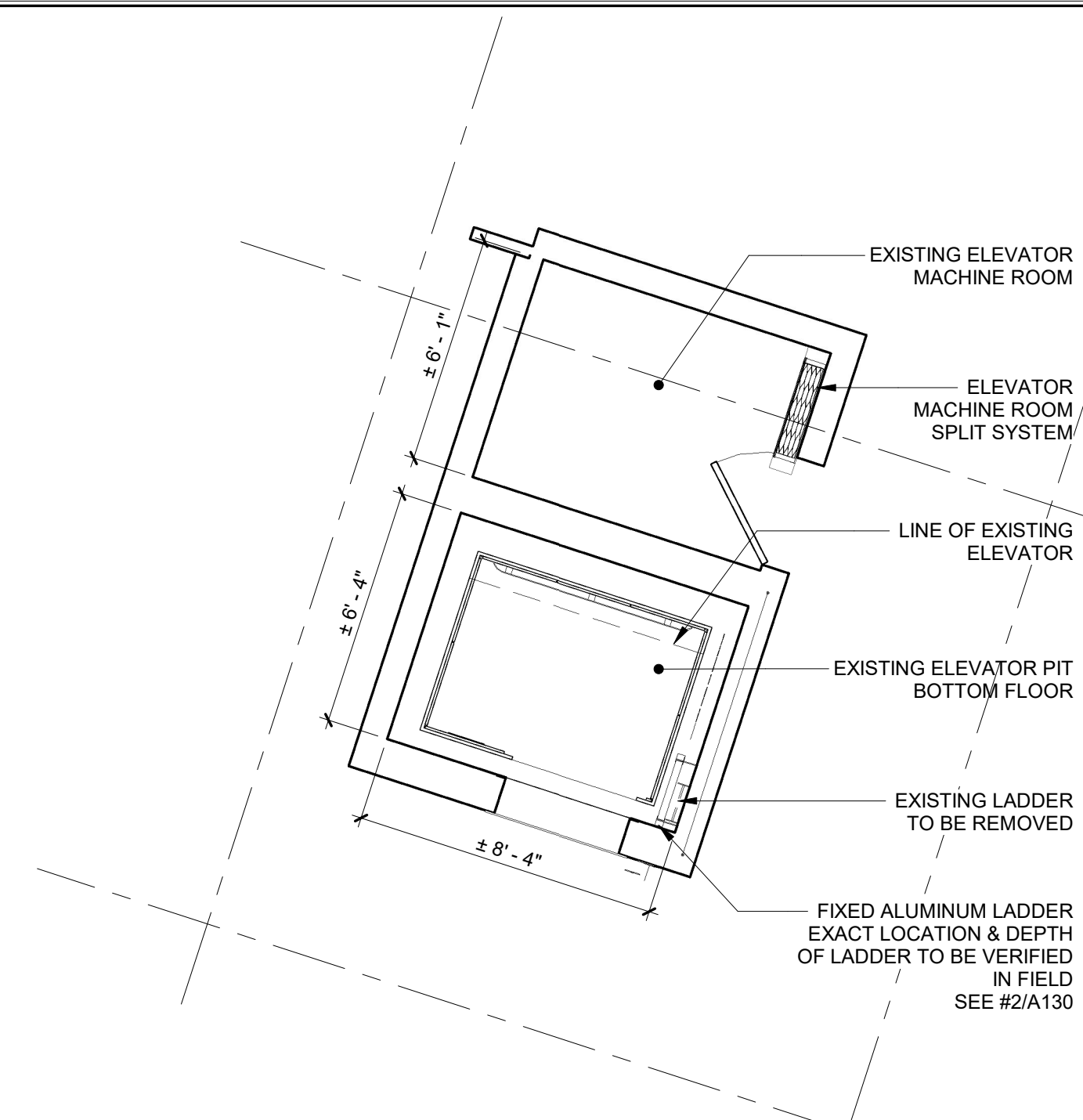
**K** KEY PLAN  
N.T.S.

**ELEVATOR SHAFT INSPECTION & REPAIR NOTE:**

CONTRACTOR INVESTIGATES INTERIOR OF EXISTING ELEVATOR SHAFT BEFORE CONSTRUCTION START. PROVIDE REPORT AND PHOTOS OF ANY DAMAGED AND/OR DEFECTS TO THE ARCHITECT AND THE OWNER. ELEVATOR SHAFT TO BE REPAIRED TO MAINTAIN FIRE RATING.



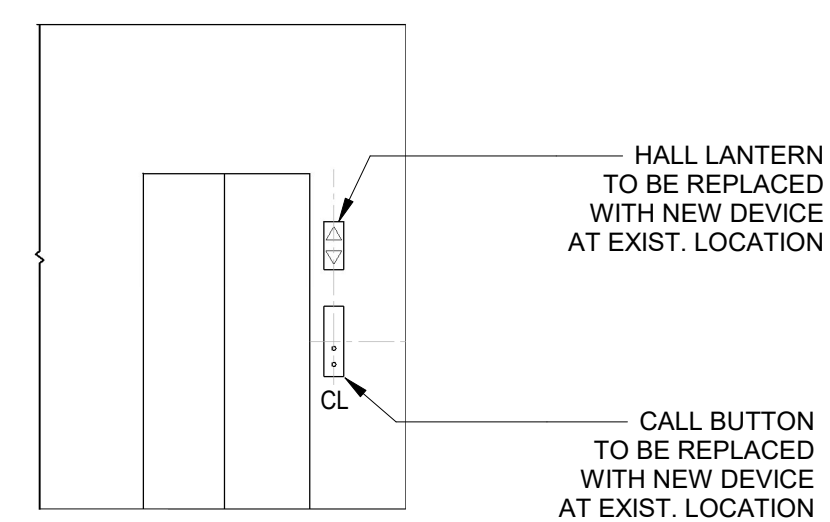
**1** KEY PLAN - BASEMENT @ 143 GRAND ST.  
1/8" = 1'-0"



**NOTES:**

- LADDER MUST MEET THE REQUIREMENTS OF ANSI A17.1 SECTION 2.2.4., TYP.
- SEE A-142 FOR ELEVATOR CAB RENOVATION DETAILS.

**2** PARTIAL PLAN - BASEMENT - ELEVATOR PIT @ 143 GRAND ST.  
1/4" = 1'-0"

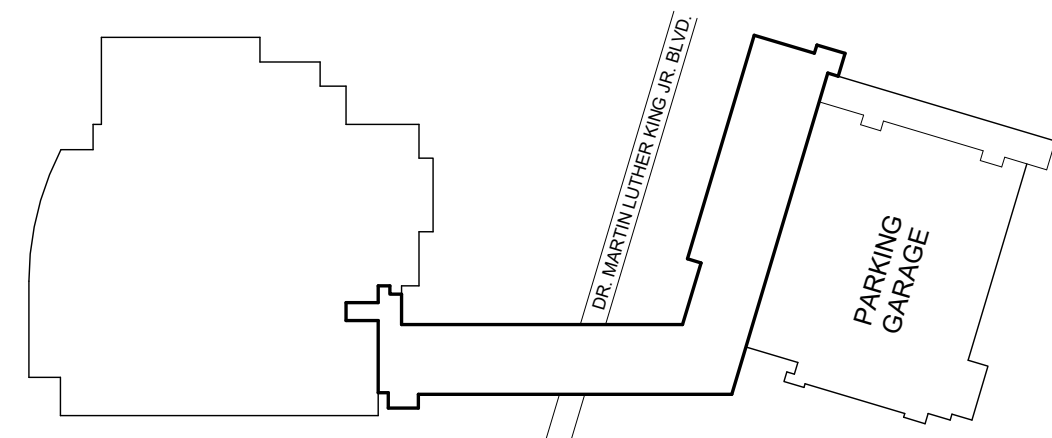


**3** TYP. ELEVATOR ELEVATION  
1/4" = 1'-0"  
ELEVATOR LOBBY

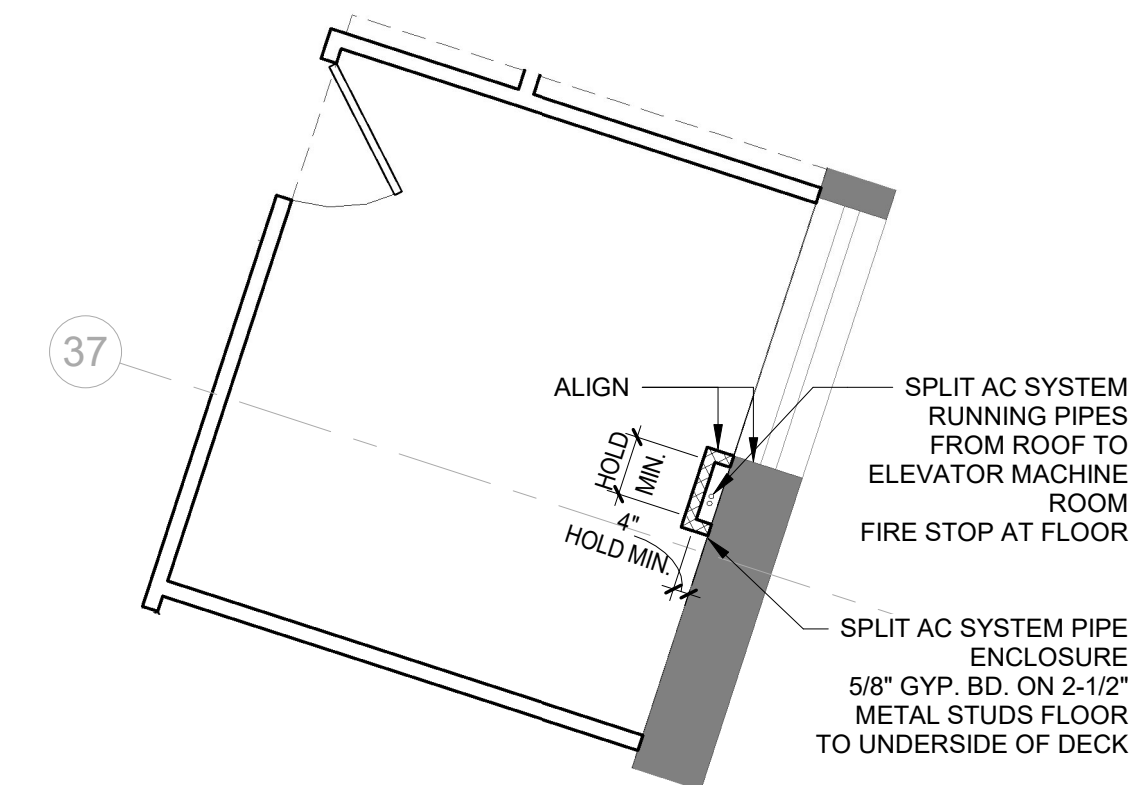
**NOTES:**

- TYPICAL FOR ALL 4 FLOORS. VERIFY CONDITIONS & FINISHES IN FIELD.
- REPAIR WALL AREAS DAMAGED BY ELEVATOR EQUIPMENT REMOVALS & INSTALLATIONS. REFINISH ENTIRE WALL AREA TO MATCH EXISTING. COORDINATE WALL MOUNTED EQUIPMENT WITH ELEVATOR CONTRACTOR.

		CONSULTANT INFORMATION <b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989		
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
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CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING			CONTRACT NUMBER 20-502	SHEET NUMBER <b>A-136</b>
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK			SCALE: As indicated DATE: 01-19-2024 Issue Date DPW FILE NO.	SHEET NO. 38 OF 133 REV NO.
EXISTING BASEMENT PLAN - ELEVATOR - 143 GRAND STREET			52-11-A-1850-0	



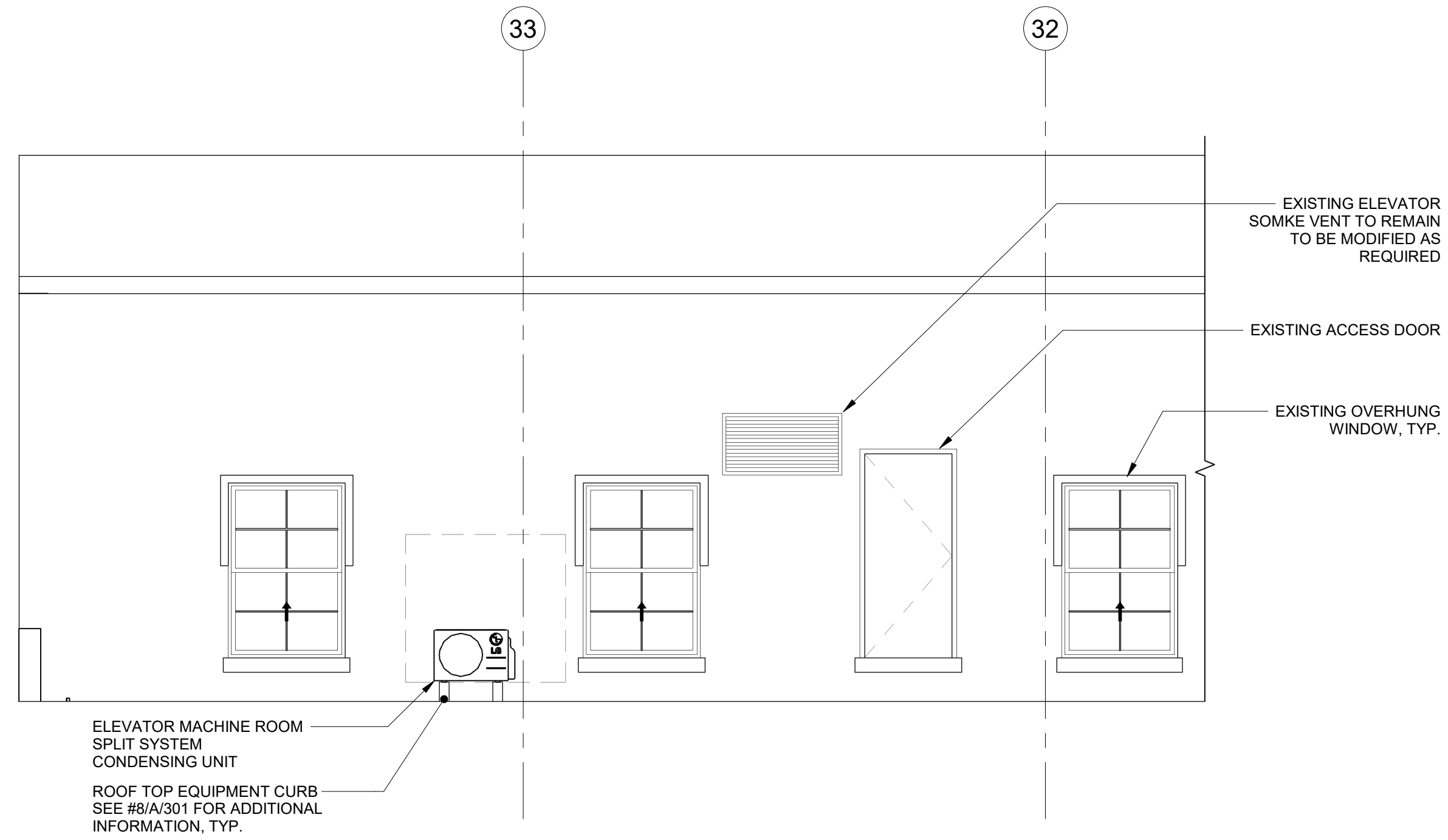
**K** KEY PLAN  
N.T.S.



**3** CONSTRUCTION PLAN - 2ND FL PIPE ENCLOSURE @ 143 GRAND ST.  
1/4" = 1'-0"



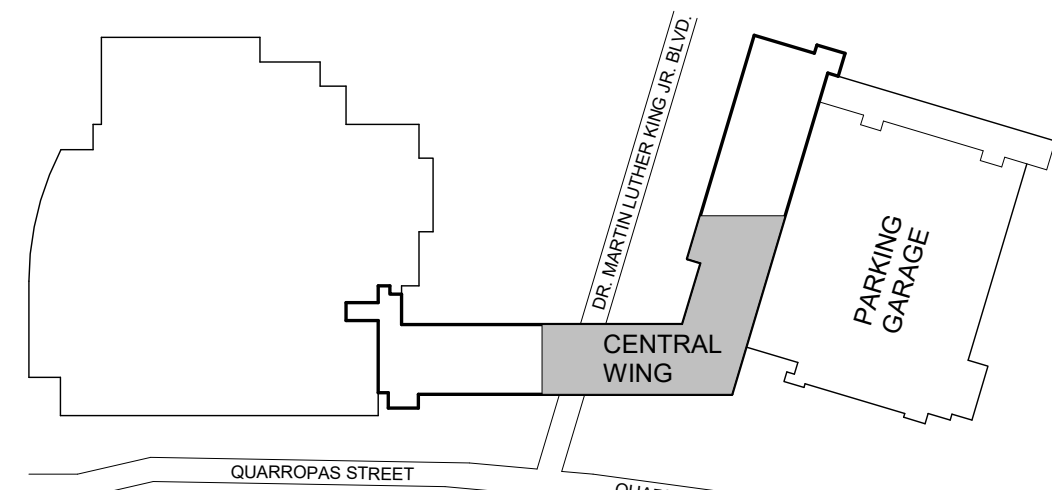
**1** PARTIAL PLAN - 3RD FLOOR & LOW ROOF - ELEVATOR SHAFT @ 143 GRAND ST.  
1/4" = 1'-0"



**2** PARTIAL EXTERIOR ELEVATION  
1/4" = 1'-0"

**ROOF WARRANTY NOTE:**  
ROOF UNDER JM WARRANTY  
ALL ROOF WORK TO BE DONE BY JM AUTHORIZED CONTRACTOR  
AND REPORTED TO JM FOR WARRANTY PURPOSES.

		CONSULTANT INFORMATION <b>Graf &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989		
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
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CONTRACTOR		CONTRACTOR		
NAME:	NAME:	NAME:	NAME:	NAME:
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER <b>A-137</b>	
DIVISION OF ENGINEERING		SCALE: 1/4" = 1'-0"		
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		DATE: 01-19-2024	Issue Date	
PARTIAL 3RD FLOOR & ROOF PLAN - 143 GRAND STREET		DPW FILE NO.	REV NO.	REV NO.
		52-11-A-1851-0		



**KEY PLAN**  
N.T.S.

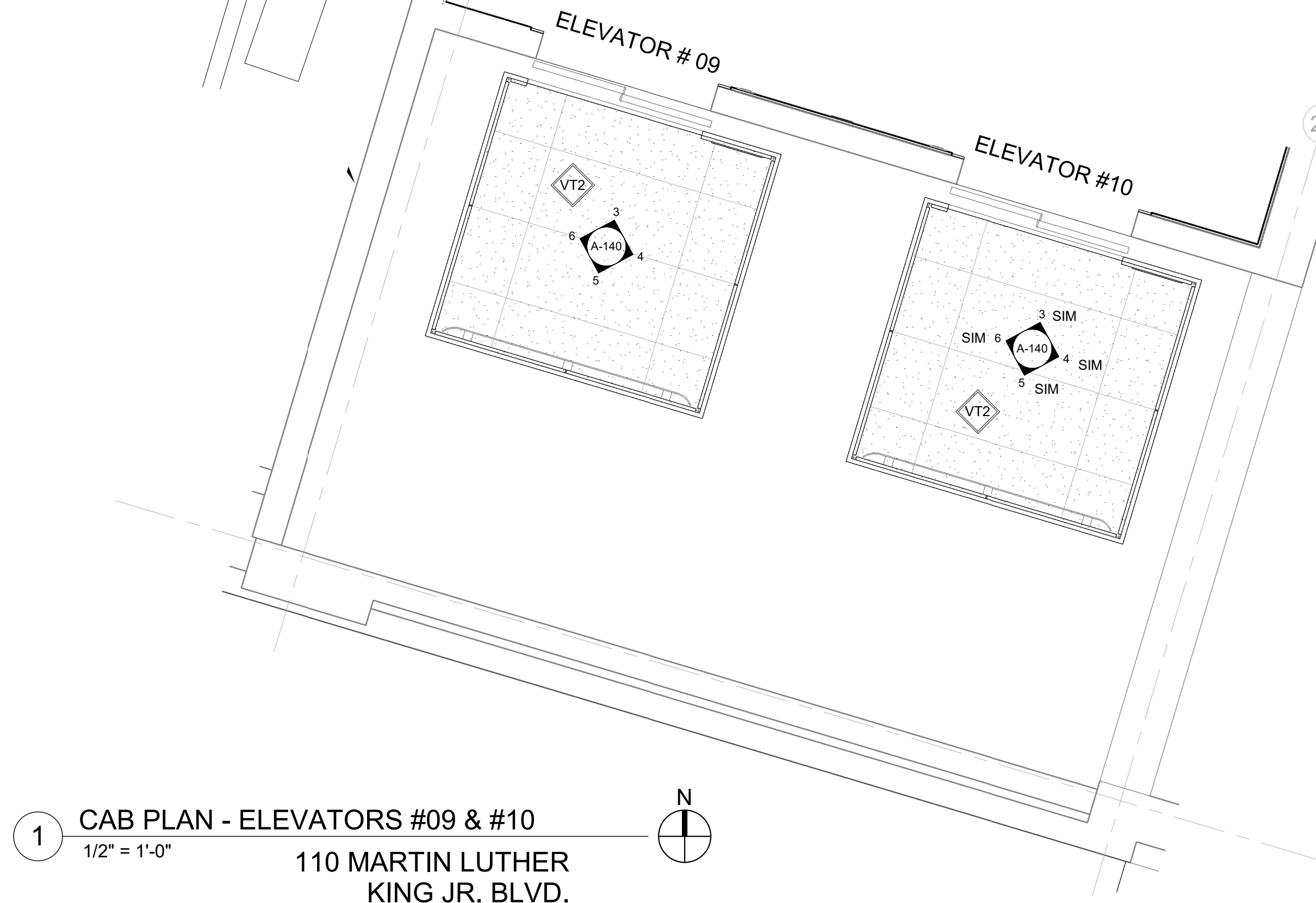
**ELEVATOR DESIGN NOTE:**

CAB DESIGNS ARE BASED ON STANDARDS BY "SNAP CAB" AND SNAP CAB SHALL SERVE AS THE DESIGN STANDARD FOR FINISHES, QUALITY AND CONSTRUCTION.

SNAP CAB CONTACT: JOE FAY  
(P): 267-884-5376  
(E): JOE.FAY@SNAPCAB.COM

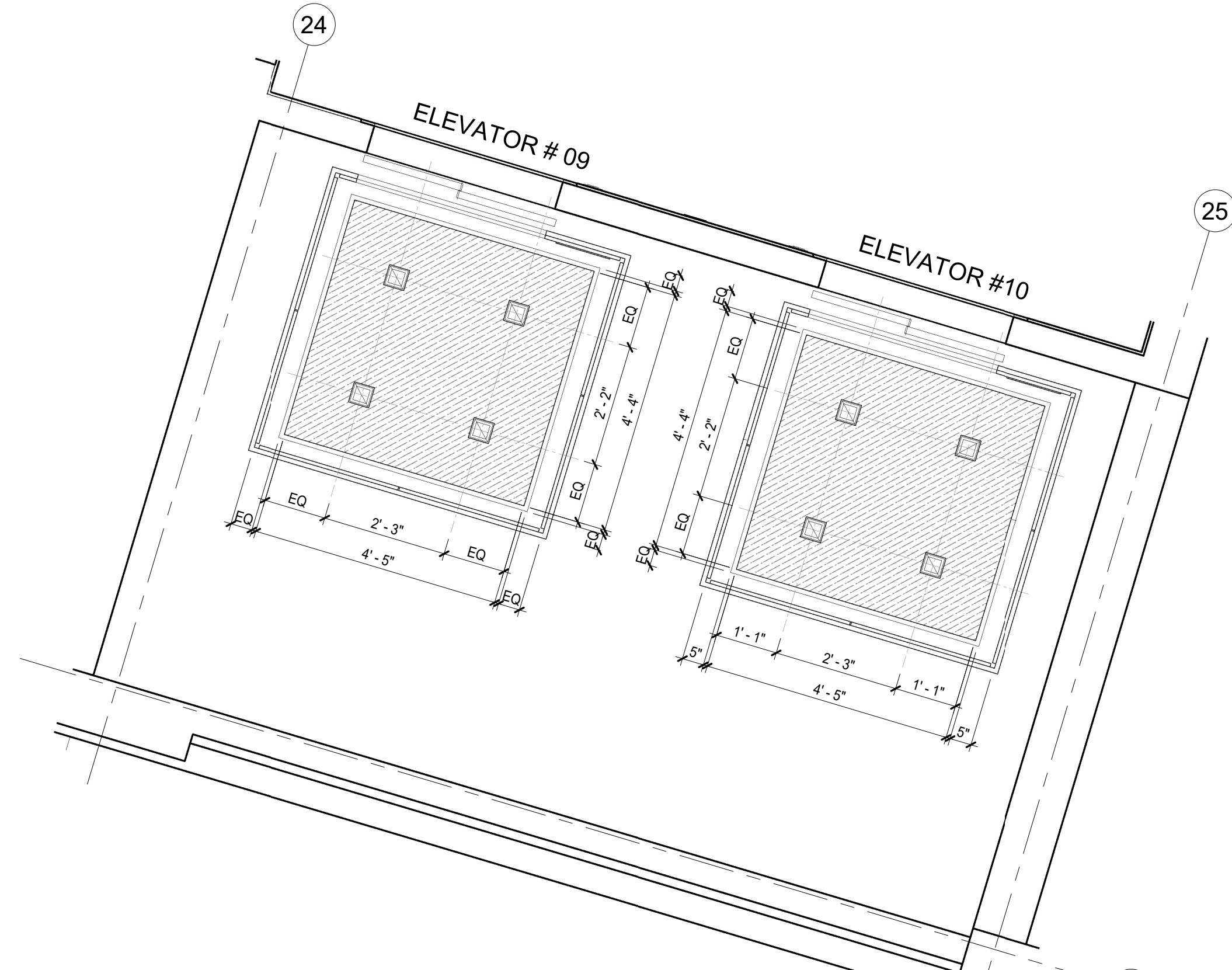
DESIGN STANDARD: APEX II, AP-25 / SQUARE LED LIGHT FIXTURE

SEE A-141 FOR ADDITIONAL INTERIOR FINISH INFORMATION



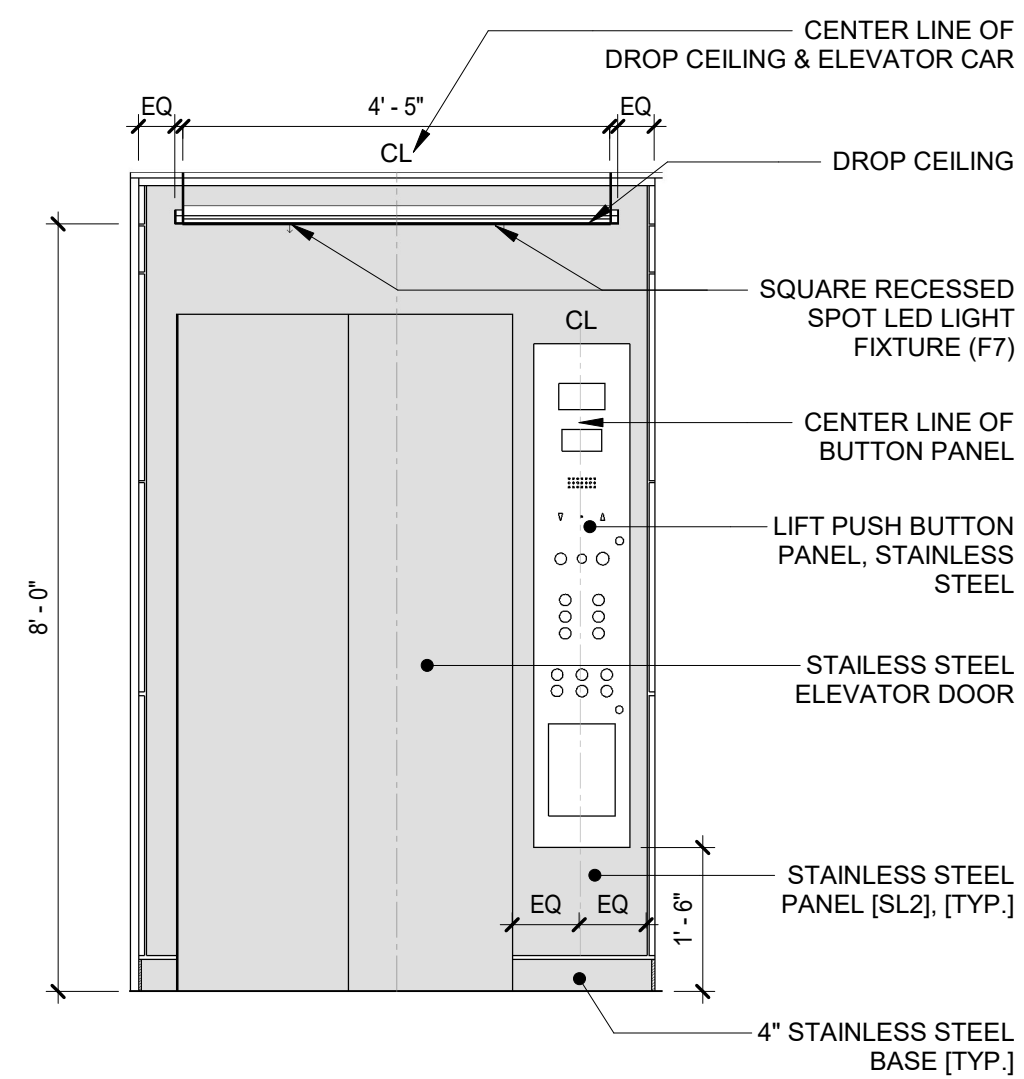
**1 CAB PLAN - ELEVATORS #09 & #10**  
1/2" = 1'-0"

110 MARTIN LUTHER KING JR. BLVD.

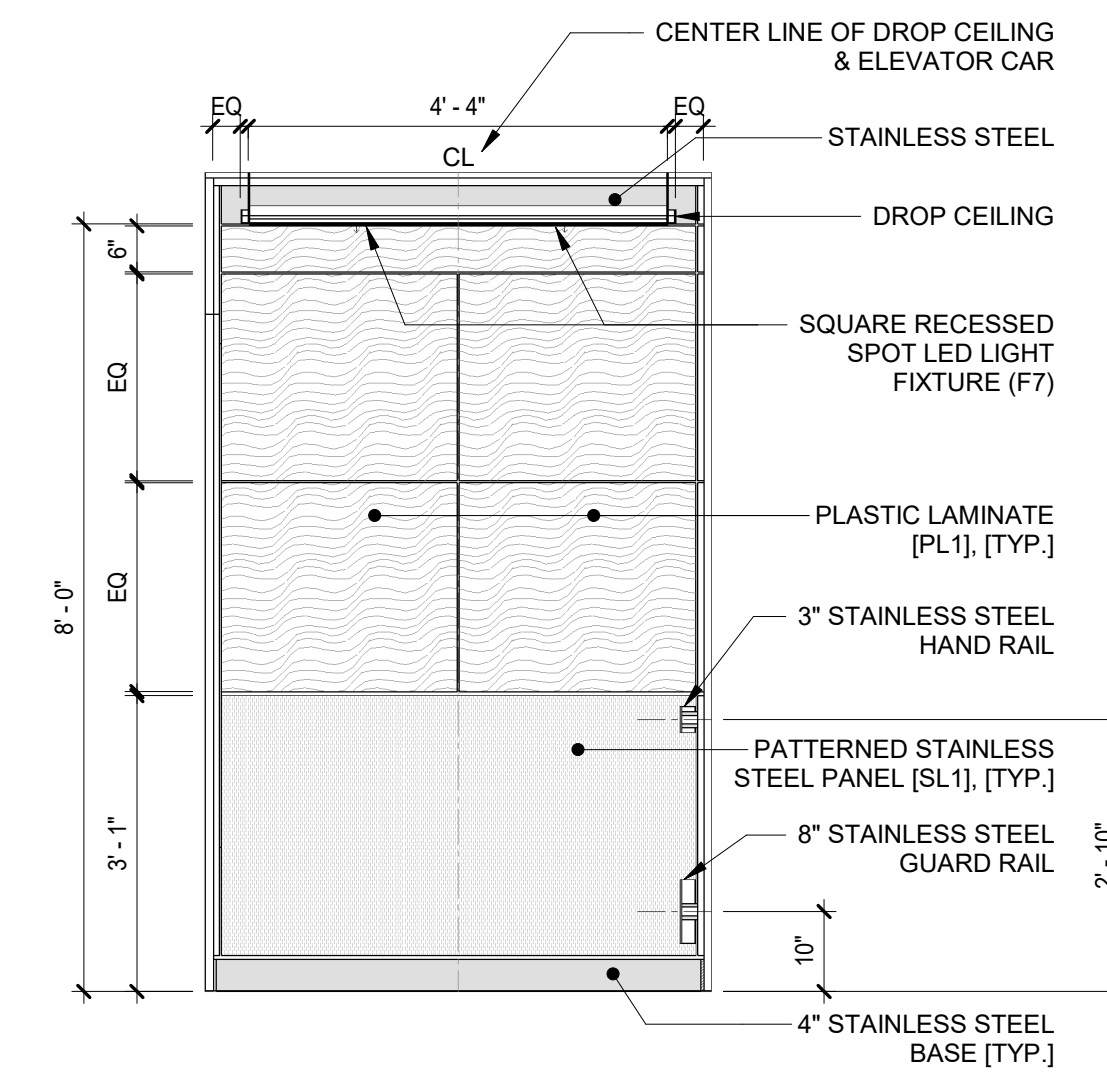


**2 REFLECTED CEILING PLAN - ELEVATOR 09 & 10**  
1/2" = 1'-0"

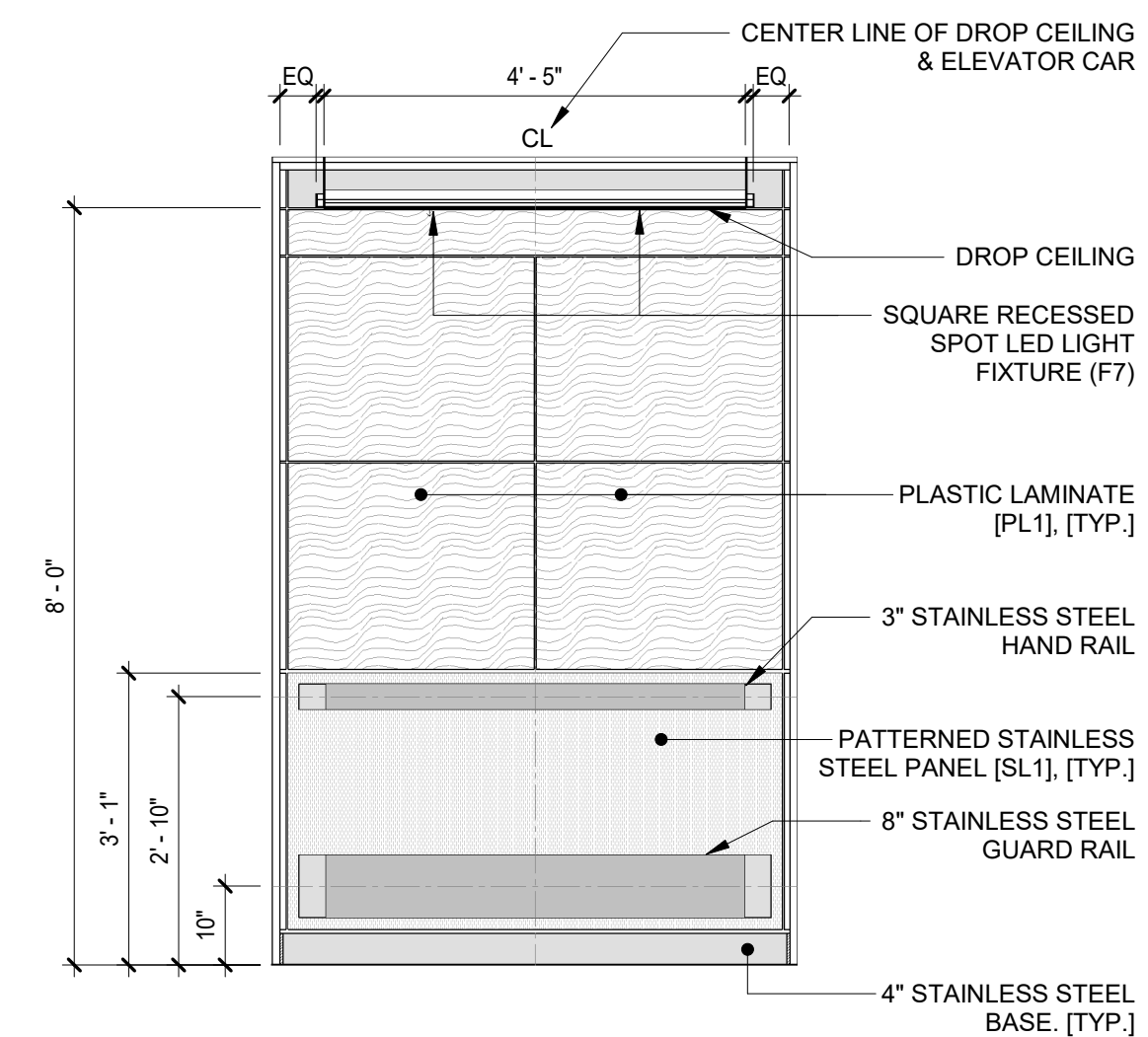
110 MARTIN LUTHER KING JR. BLVD.



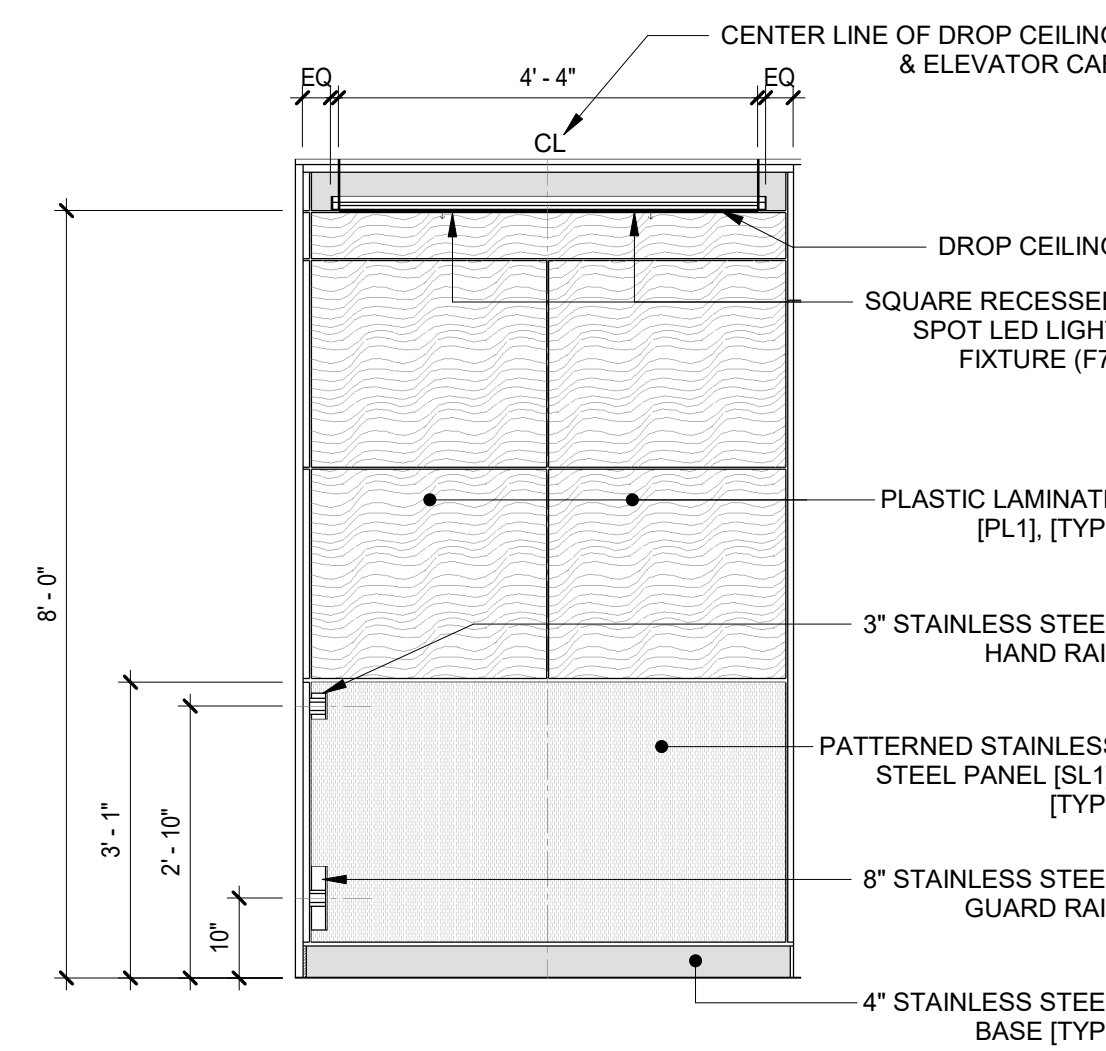
**3 TYP. ELEVATION @ ELEVATOR #9 & #10 - A**  
1/2" = 1'-0"



**4 TYP. ELEVATION @ ELEVATOR #9 & #10 - B**  
1/2" = 1'-0"



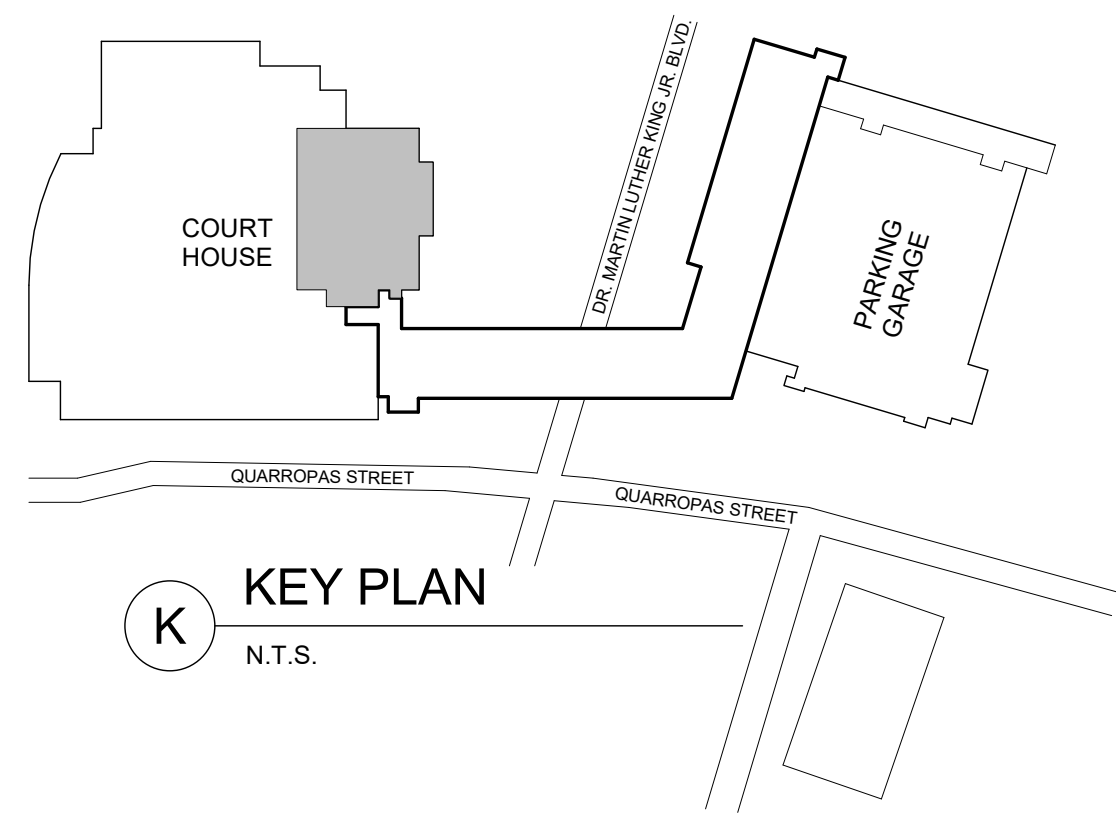
**5 TYP. ELEVATION @ ELEVATOR #9 & #10 - C**  
1/2" = 1'-0"



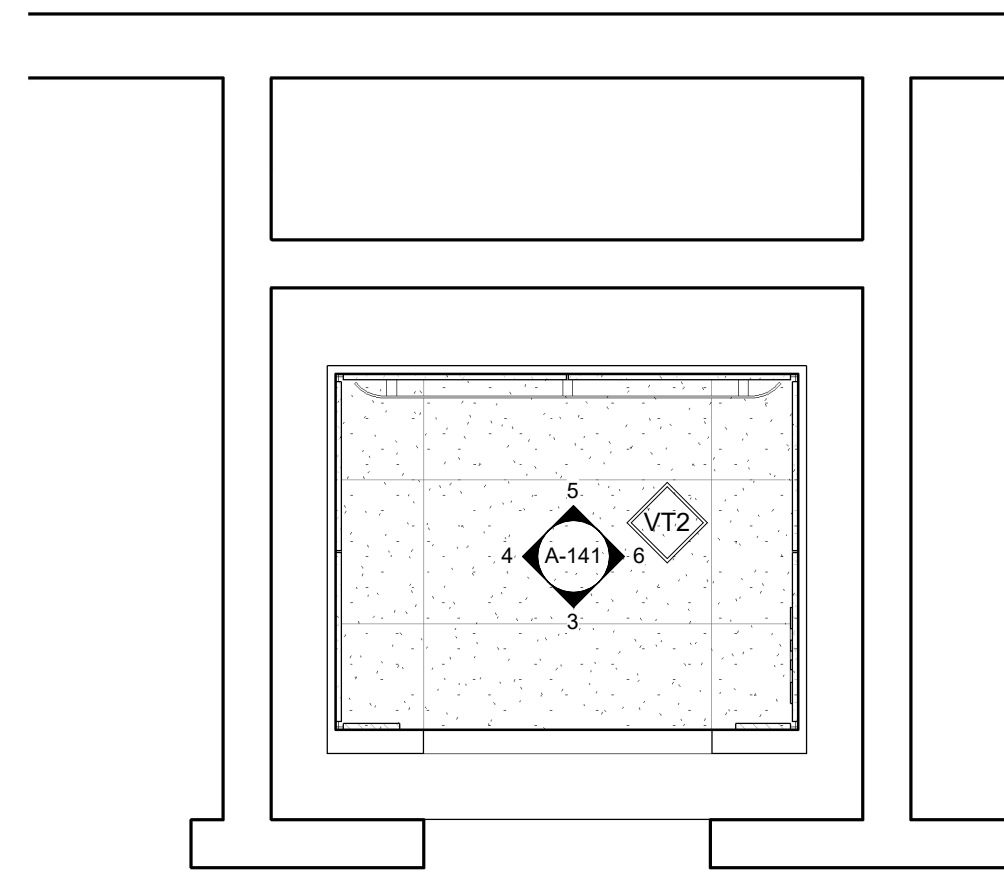
**6 TYP. ELEVATION @ ELEVATOR #9 & #10 - D**  
1/2" = 1'-0"

		CONSULTANT INFORMATION <h2 style="text-align: center;">Graf &amp; Lewent</h2> <h3 style="text-align: center;">Architects LLP</h3> <p style="text-align: center;">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>	
REVISION			
REVISION NUMBER	DATE	MADE BY	APP'D BY
RECORD DRAWING CERTIFICATION			
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NAME:	NAME:	NAME:	NAME:
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TITLE:	DATE:	TITLE:	DATE:
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER A-140
DIVISION OF ENGINEERING		SHEET NO. 40 OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/2" = 1'-0"	DATE: 01-19-2024 Issue Date
ELEVATOR #09 & #10 CAB PLANS & ELEVATIONS - 110 MLK BLVD		DPW FILE NO. 52-11-A-1852-0	REV NO.

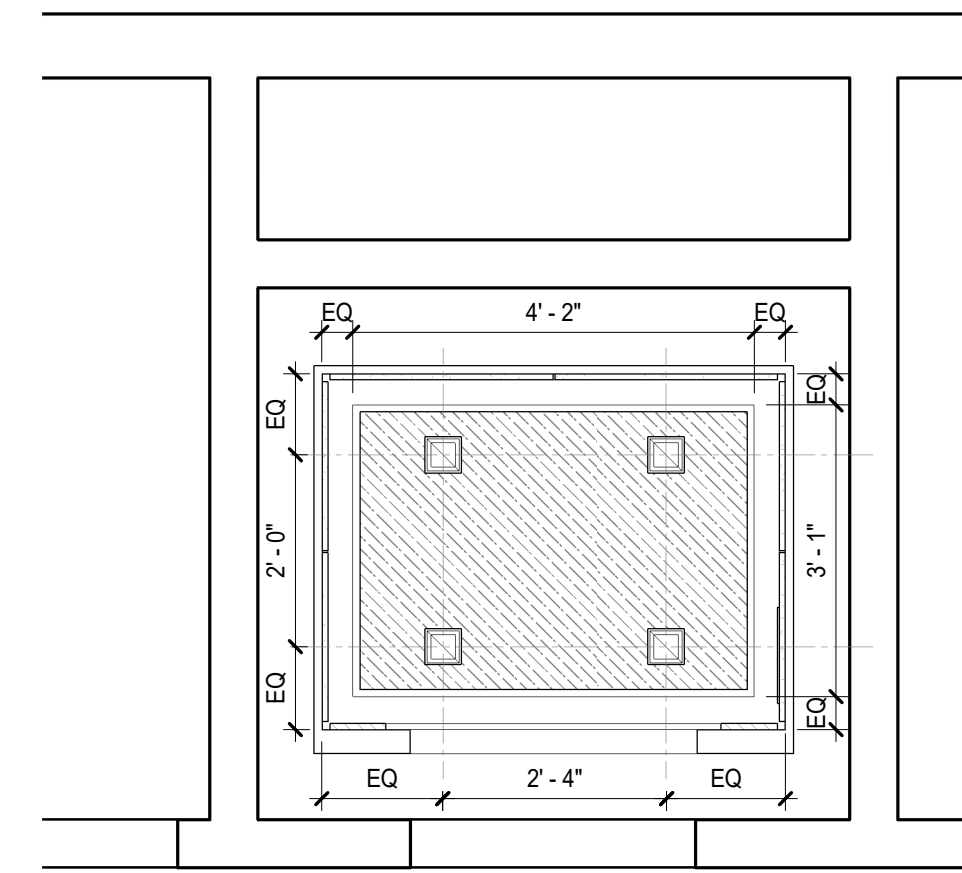
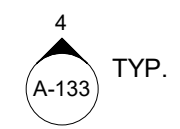




**ELEVATOR DESIGN NOTE:**  
 CAB DESIGNS ARE BASED ON STANDARDS BY "SNAP CAB" AND SNAP CAB SHALL SERVE AS THE DESIGN STANDARD FOR FINISHES, QUALITY AND CONSTRUCTION.  
 SNAP CAB CONTACT: JOE FAY  
 (P): 267-884-5376  
 (E): JOE.FAY@SNAPCAB.COM  
 DESIGN STANDARD: HERITAGE II, HE-19 / SQUARE LED LIGHT FIXTURE  
 SEE A-141 FOR ADDITIONAL INTERIOR FINISH INFORMATION



JUDGE ELEVATOR LOBBY

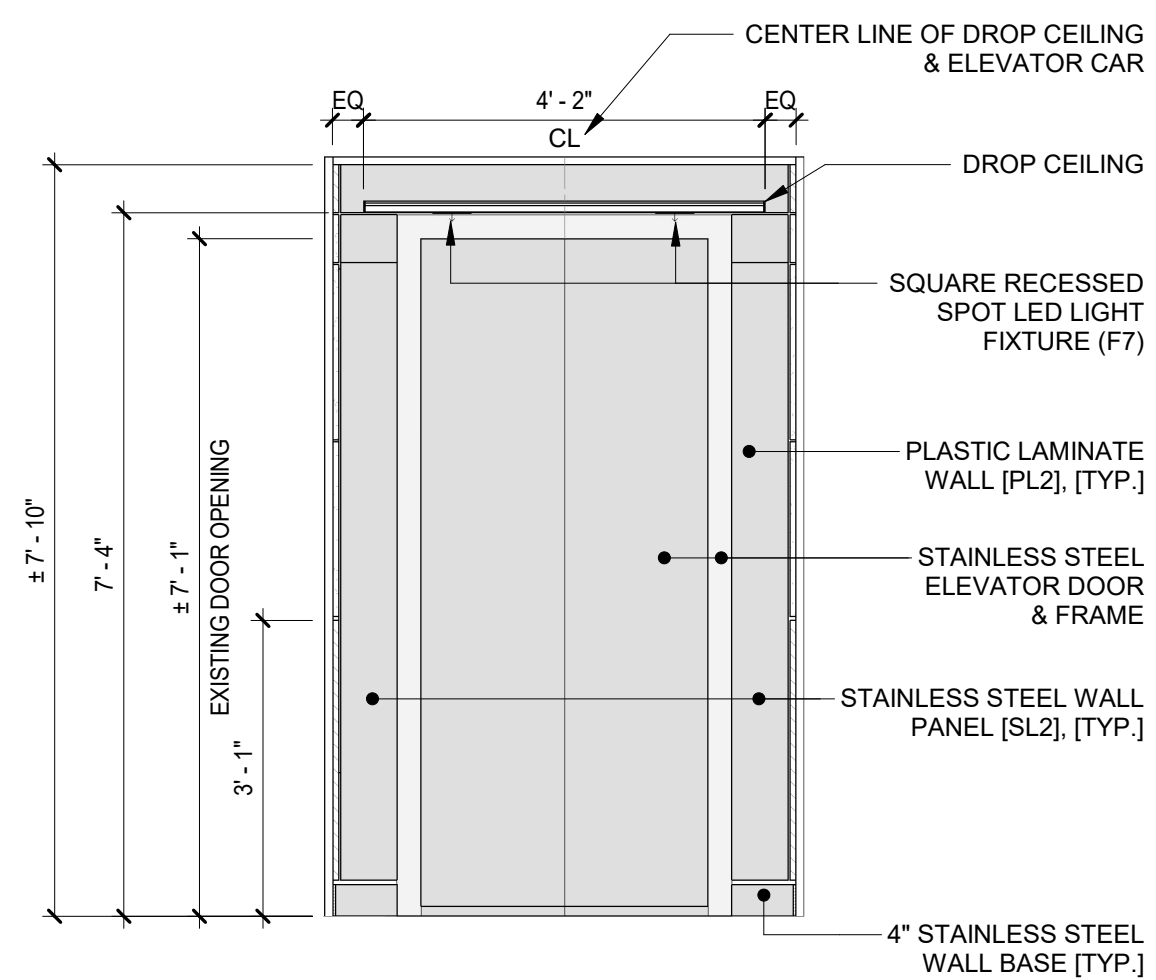


JUDGE ELEVATOR LOBBY

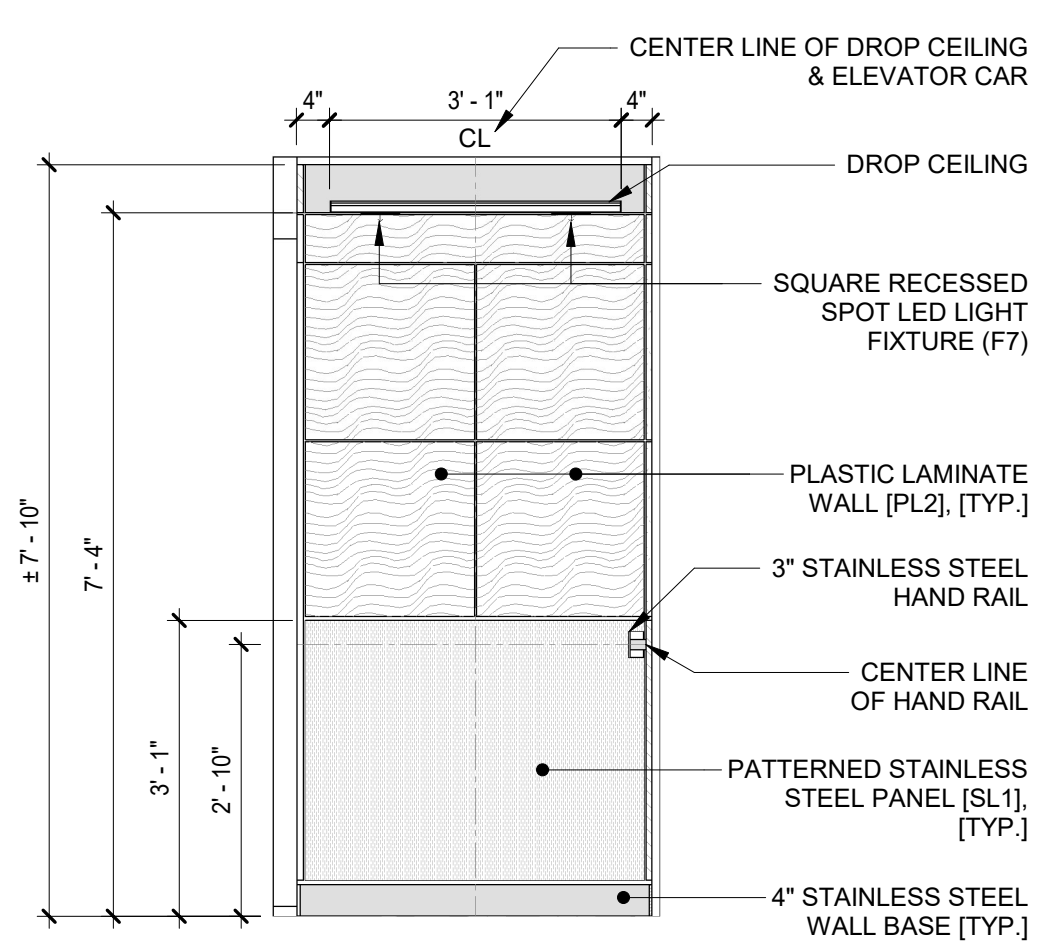


1 CAB PLAN - COURT HOUSE - JUDGE ELEVATOR  
 1/2" = 1'-0" 111 MARTIN LUTHER KING JR. BLVD.

2 REFLECTED CEILING PLAN - COURT HOUSE - JUDGE ELEVATOR  
 1/2" = 1'-0" 111 MARTIN LUTHER KING JR. BLVD.

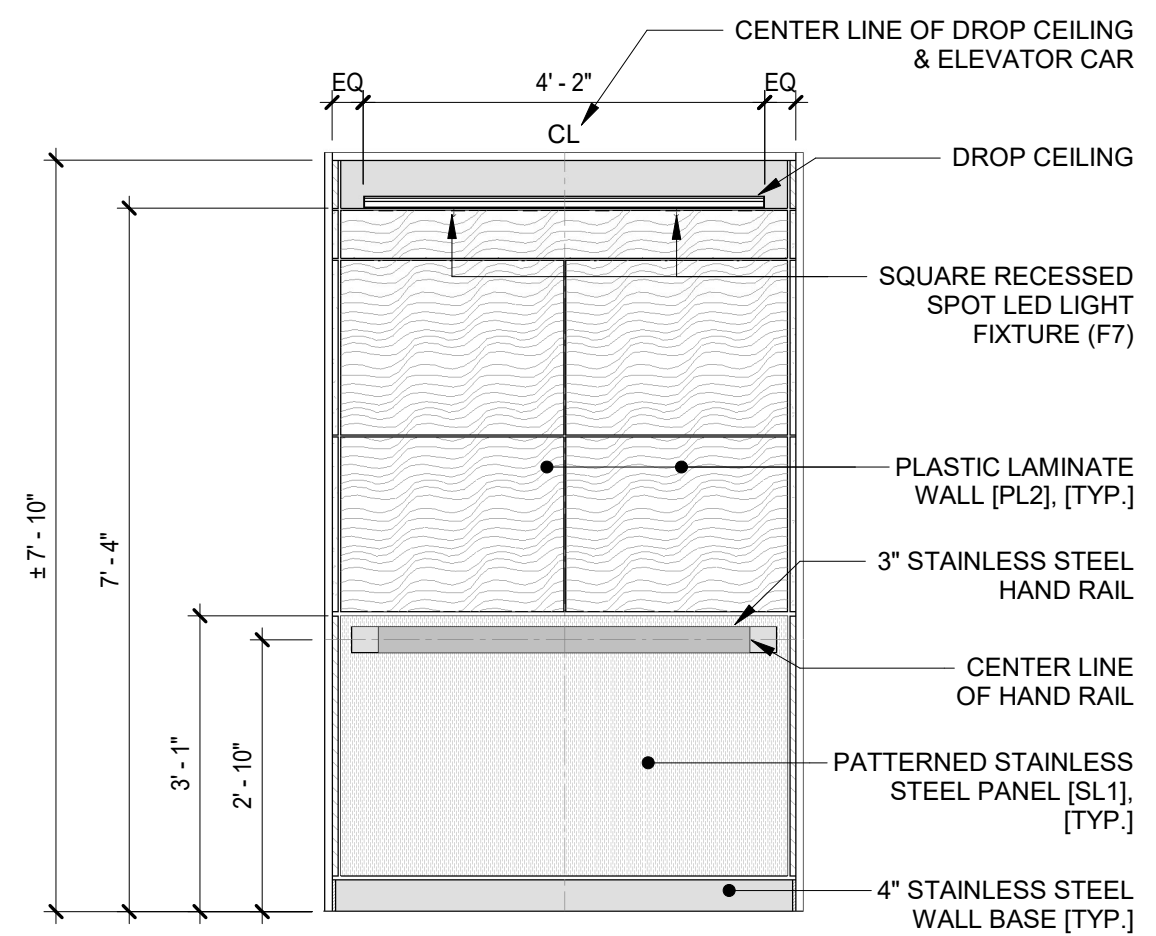


3 INTERIOR ELEVATION - JUDGE ELEVATOR - A  
 1/2" = 1'-0" COURT HOUSE

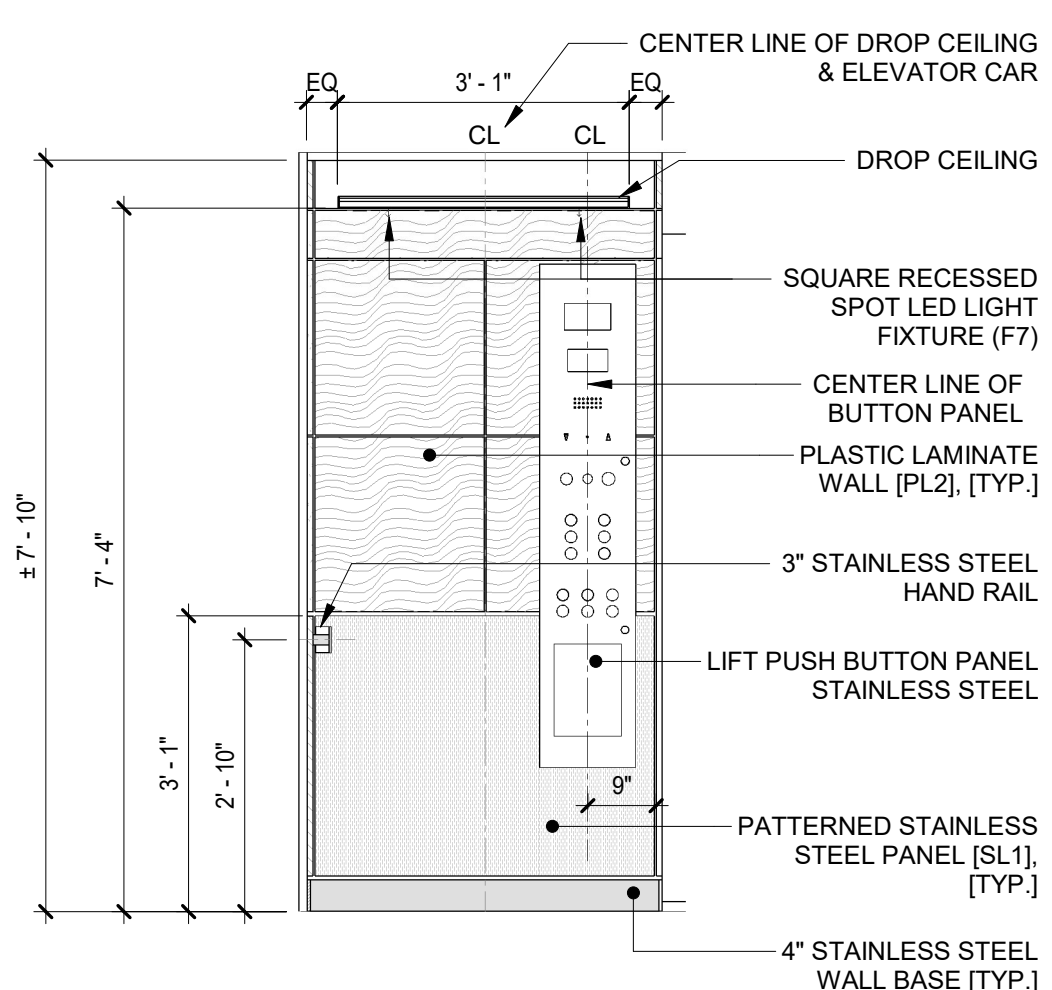


4 INTERIOR ELEVATION - JUDGE ELEVATOR - B  
 1/2" = 1'-0" COURT HOUSE

SCHEDULE OF FINISHES - ELEVATOR CAB				
FINISH DESIGNATION	DESCRIPTION	MANUFACTURER	COLOR / MODEL NO.	NOTES
PL-1	PLASTIC LAMINATE	WILSON ART	7919K-78 AMBER CHERRY	TOP FINISH WALL ELEVATOR #9 & 10 (110 MLK) AND BOARD OF ELECTION ELEVATOR (143 GRAND)
PL-2	PLASTIC LAMINATE	WILSON ART	7925-38 MONTICELLO MAPLE	TOP FINISH WALL JUDGE'S ELEVATOR (111 MLK)
SL-1	PATTERNED STAINLESS STEEL PANEL	RIGIDIZED METALS	5WL PATTERN	TYPICAL BOTTOM WALL ALL ELEVATORS
SL-2	STAINLESS STEEL PANEL	-	#4 POLISHED STAINLESS STEEL	TYPICAL FRONT WALL FULL HEIGHT ALL ELEVATORS
VT-2	RESILIENT FLOOR TILES	SHAW CONTRACT SURFACE	STYLE NUMBER: 0515V COLOR: CEMENT 15518	18" X 36" HEAVY DUTY TILE TYP. FINISH FLOOR ON ELEVATOR CAB

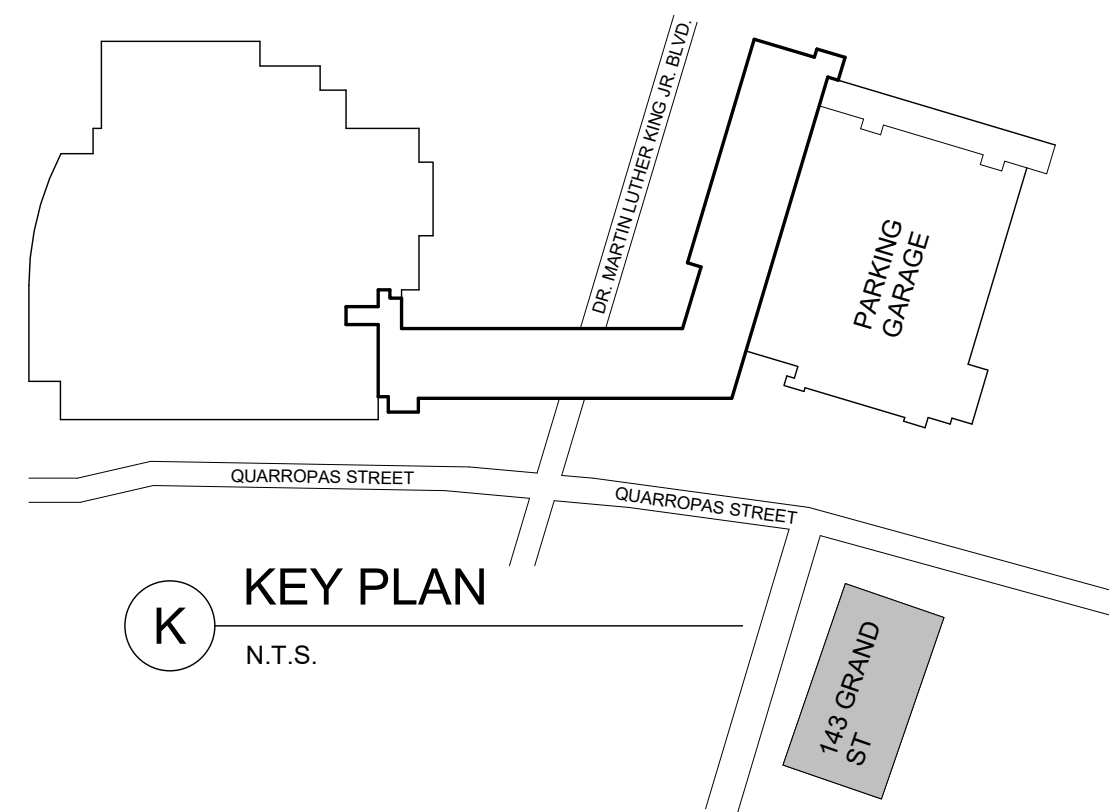


5 INTERIOR ELEVATION - JUDGE ELEVATOR - C  
 1/2" = 1'-0" COURT HOUSE



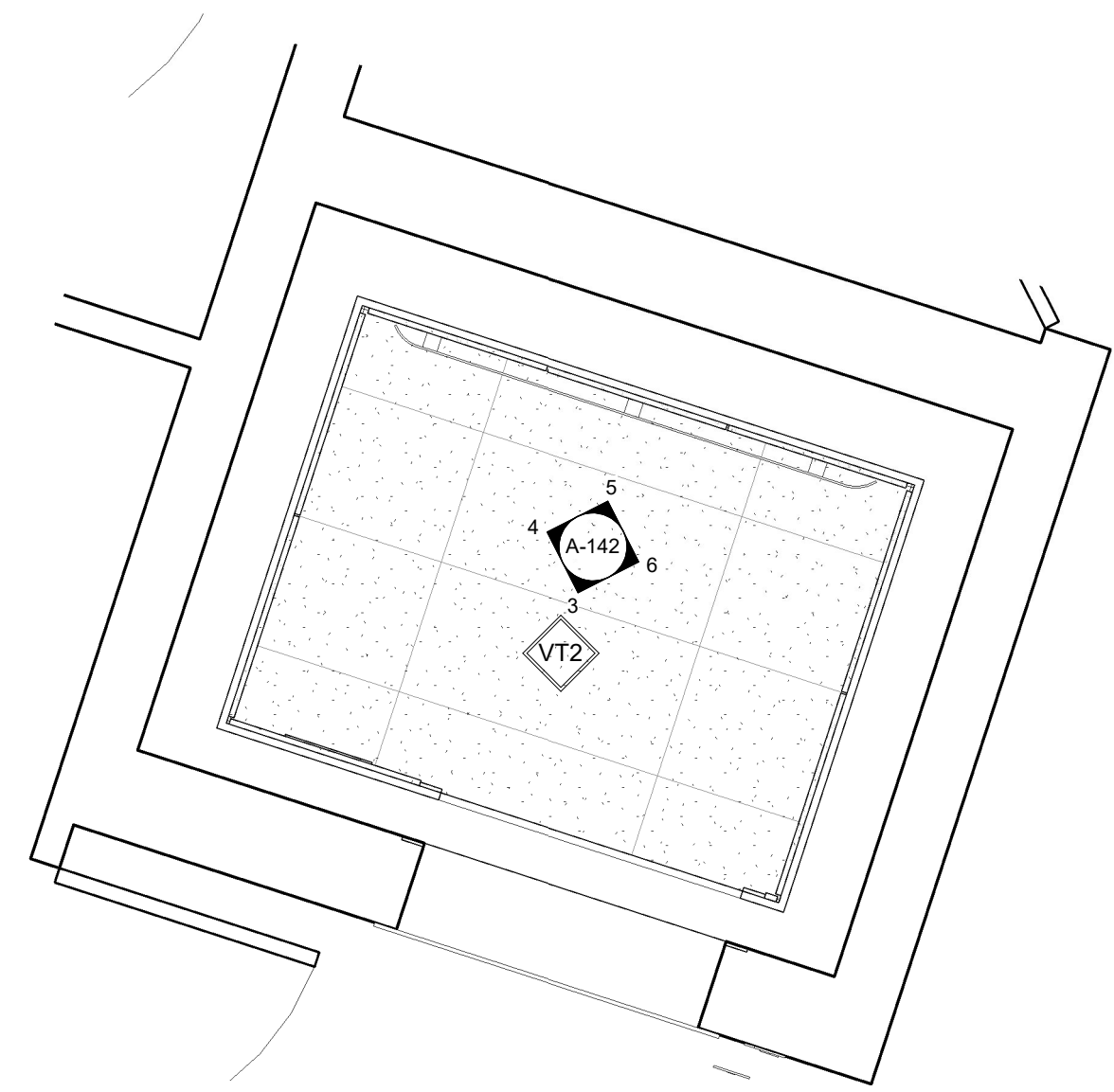
6 INTERIOR ELEVATION - JUDGE ELEVATOR - D  
 1/2" = 1'-0" COURT HOUSE

	CONSULTANT INFORMATION			
	<b>Graf &amp; Lewent</b> <b>Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989			
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES				
CONTRACTOR		CONTRACTOR		
NAME:	SIGNATURE:	DATE:	NAME:	SIGNATURE:
TITLE:			TITLE:	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER <b>A-141</b>	
DIVISION OF ENGINEERING		SHEET NO. 41 OF 133		
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: DATE: 01-19-2024	As indicated Issue Date	
JUDGE ELEVATOR CAB PLANS & ELEVATIONS - 111 MLK BLVD		DPW FILE NO.	REV NO.	
		52-11-A-1853-0		

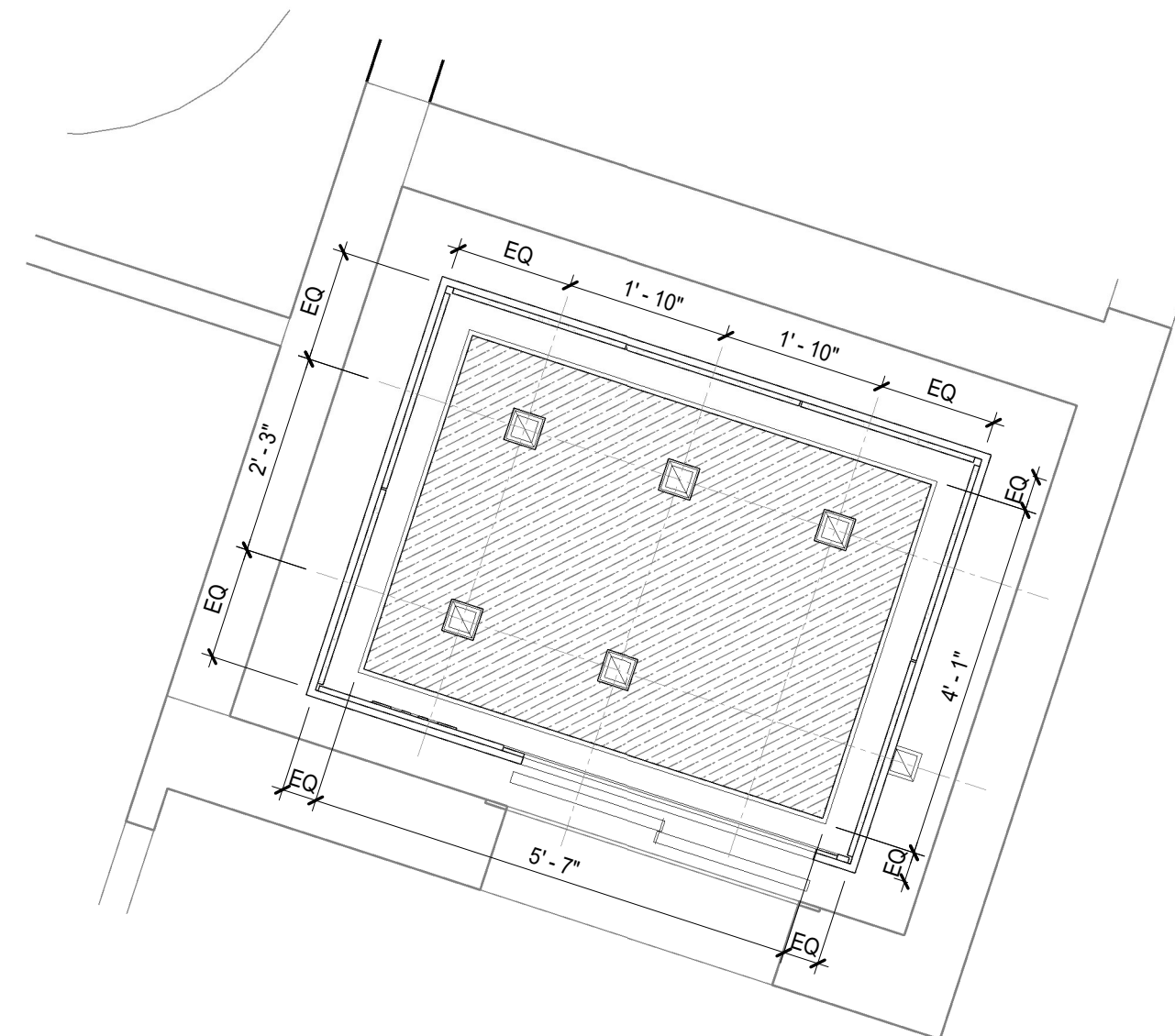


**ELEVATOR DESIGN NOTE:**  
 CAB DESIGNS ARE BASED ON STANDARDS BY "SNAP CAB" AND SNAP CAB SHALL SERVE AS THE DESIGN STANDARD FOR FINISHES, QUALITY AND CONSTRUCTION.  
 SNAP CAB CONTACT: JOE FAY  
 (P): 267-884-5376  
 (E): JOE.FAY@SNAPCAB.COM  
 DESIGN STANDARD: APEX II, AP-25 / SQUARE LED LIGHT FIXTURE  
 SEE A-141 FOR ADDITIONAL INTERIOR FINISH INFORMATION

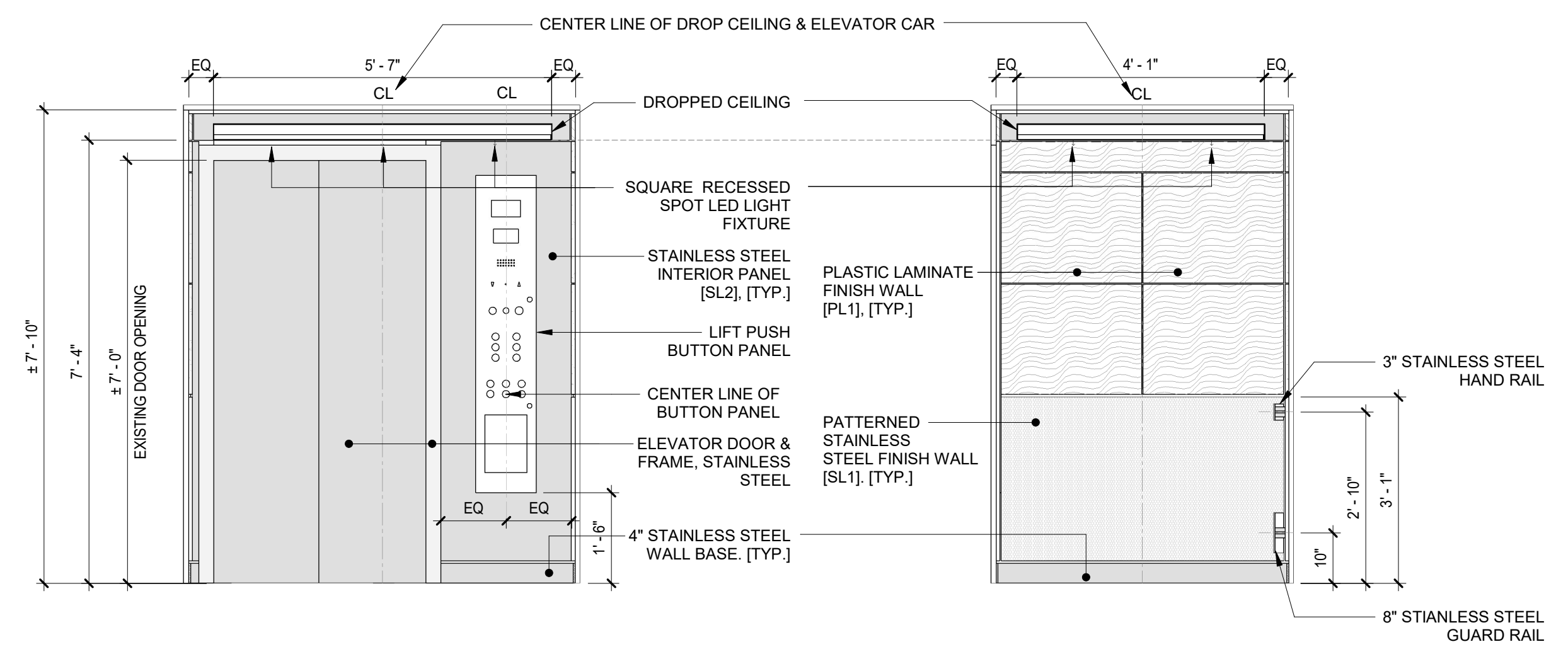
**ELEVATOR OPERATION NOTE:**  
 THE BUILDING CONTAINS SINGLE ELEVATOR. PERFORM ELEVATOR WORK IN TIMELY MANNER INCLUDING SATURDAY WORK TO COMPLETE ELEVATOR WORK IN SHORTEST TIME POSSIBLE. NO WORK SHALL START UNTIL ALL EQUIPMENT AND MATERIAL IS AVAILABLE. CONTRACTOR SHALL SCHEDULE ALL WORK MINIMUM ONE WEEK IN ADVANCE.



1 CAB PLAN - ELEVATOR - BOARD OF ELECTION  
 1/2" = 1'-0" 143 GRAND ST.

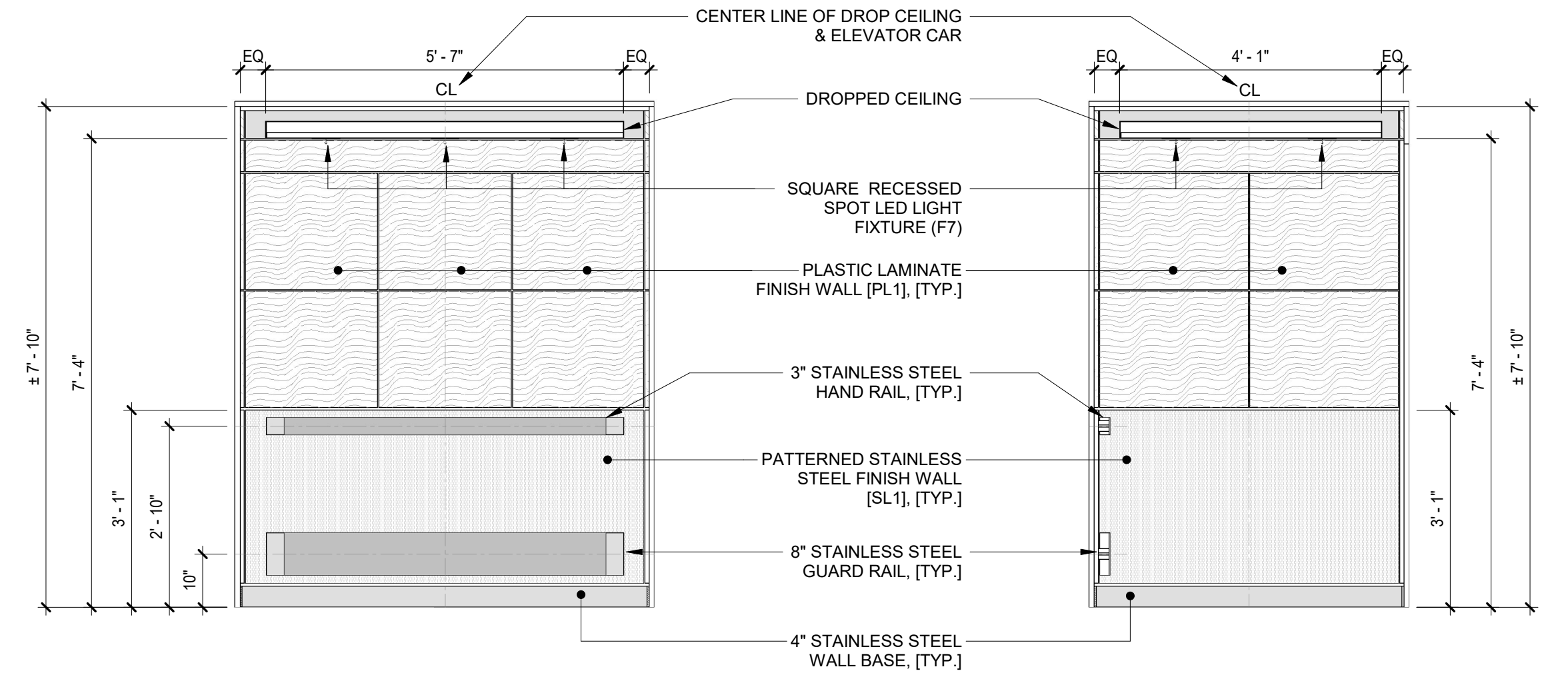


2 REFLECTED CEILING PLAN - ELEVATOR @ BOARD OF ELECTIONS.  
 1/2" = 1'-0" 143 GRAND ST.



3 INTERIOR ELEVATION - ELEVATOR - A  
 1/2" = 1'-0"

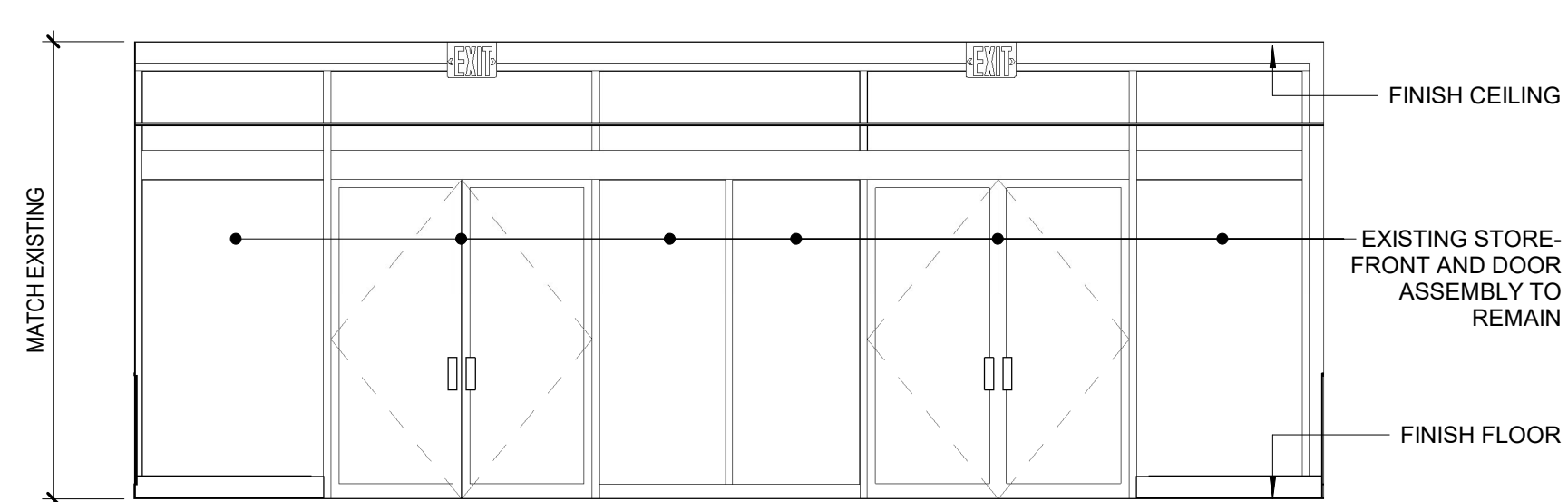
4 INTERIOR ELEVATION - ELEVATOR - B  
 1/2" = 1'-0"



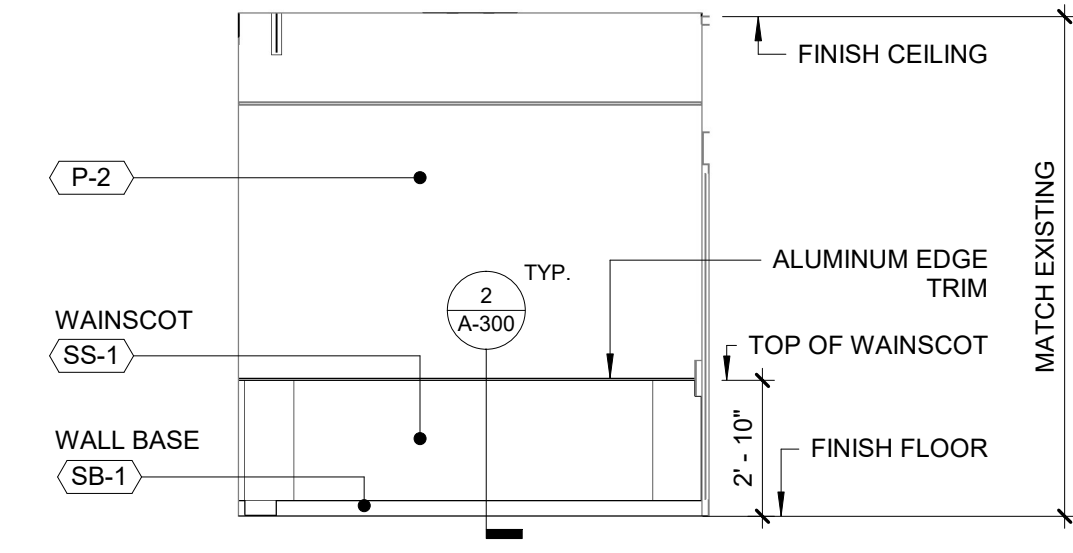
5 INTERIOR ELEVATION - ELEVATOR - C  
 1/2" = 1'-0"

6 INTERIOR ELEVATION - ELEVATOR - D  
 1/2" = 1'-0"

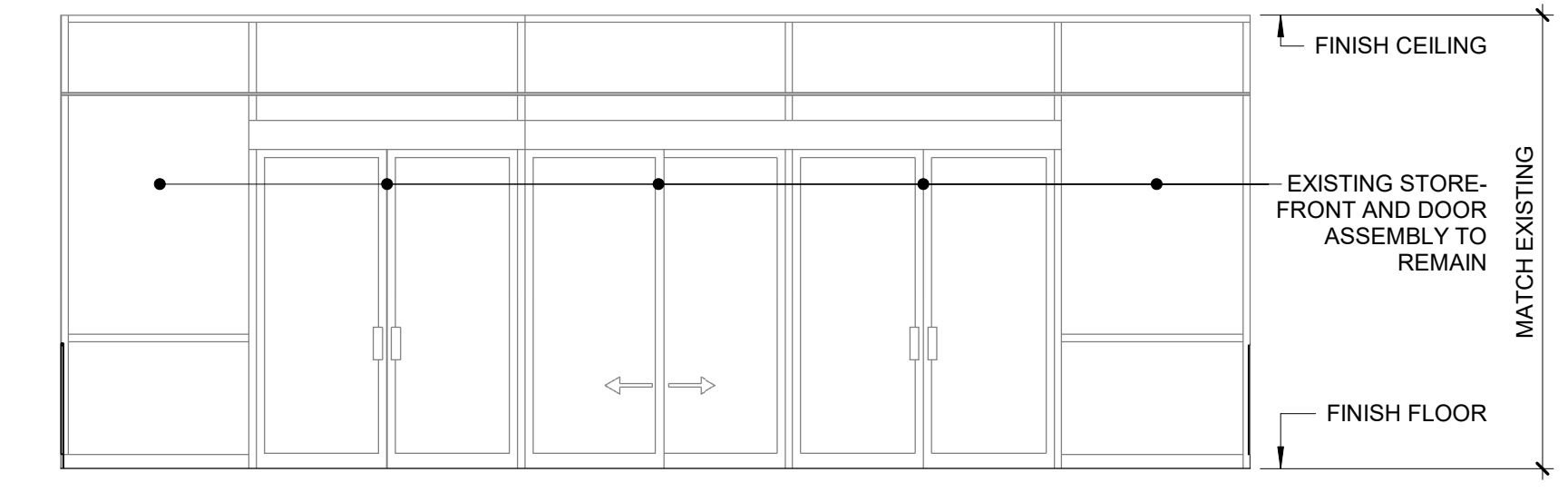
	CONSULTANT INFORMATION			
	<b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989			
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES				
CONTRACTOR		CONTRACTOR		
NAME:	DATE:	NAME:	DATE:	
SIGNATURE:		SIGNATURE:		
TITLE:		TITLE:		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER <b>A-142</b>	
DIVISION OF ENGINEERING		SHEET NO. 42 OF 133		
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/2" = 1'-0"	DATE: 01-19-2024	Issue Date
ELEVATOR CAB PALNS & ELEVATIONS - 143 GRAND STREET		DPWF FILE NO.	REV NO.	
		52-11-A-1854-0		



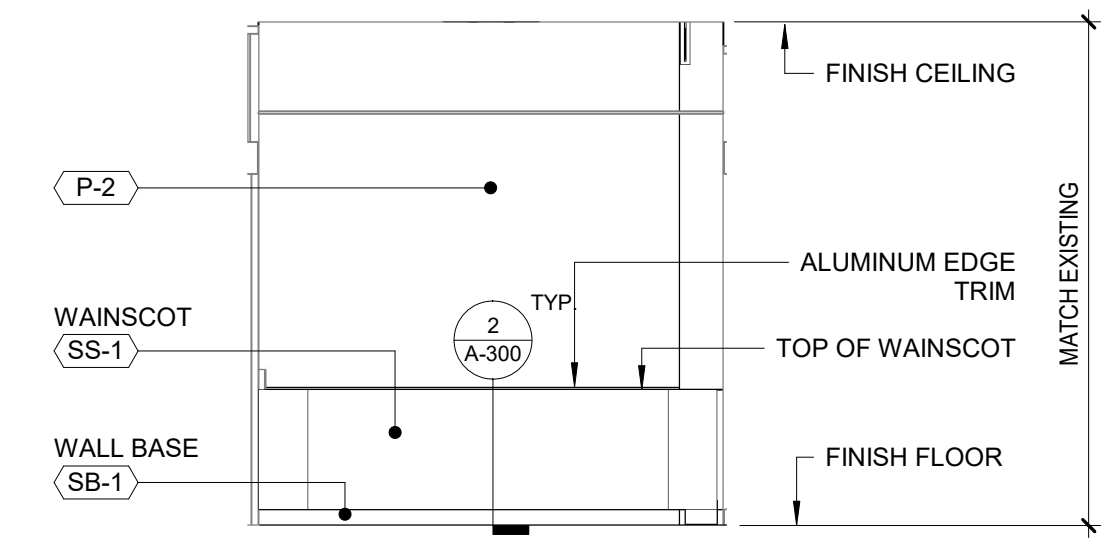
1 ELEVATION - 1ST FLR. VESTIBULE 01  
1/4" = 1'-0"



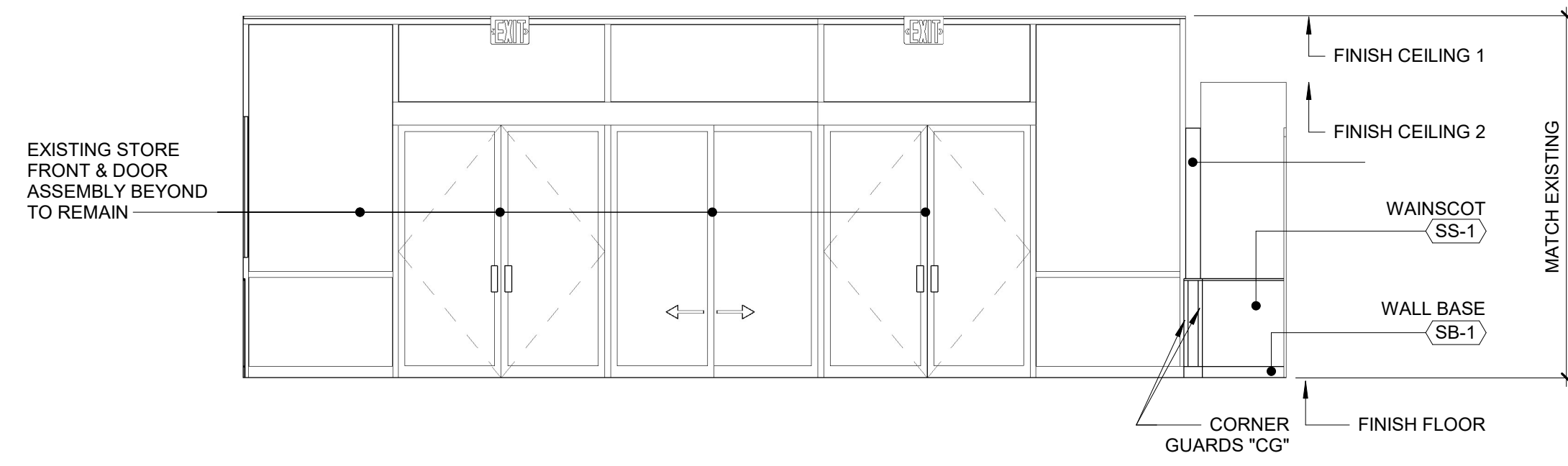
2 ELEVATION - 1ST FLR. VESTIBULE 02  
1/4" = 1'-0"



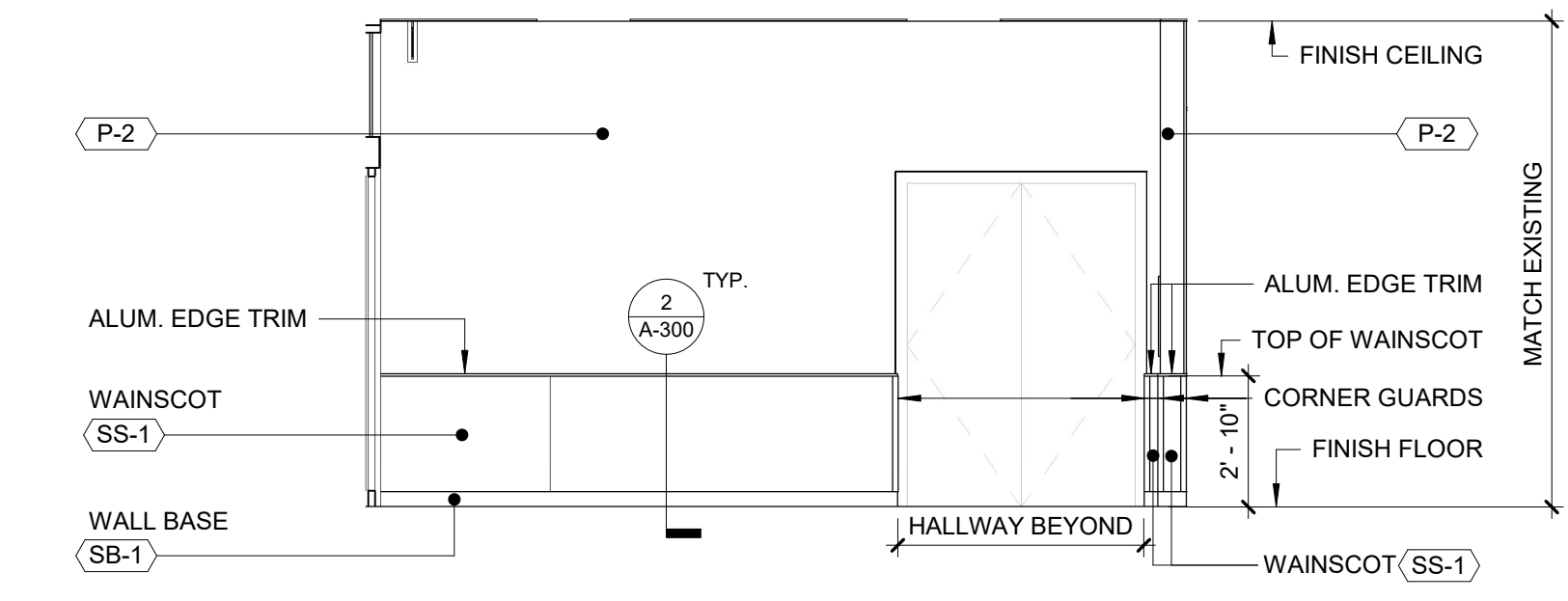
3 ELEVATION - 1ST FLR. VESTIBULE 03  
1/4" = 1'-0"



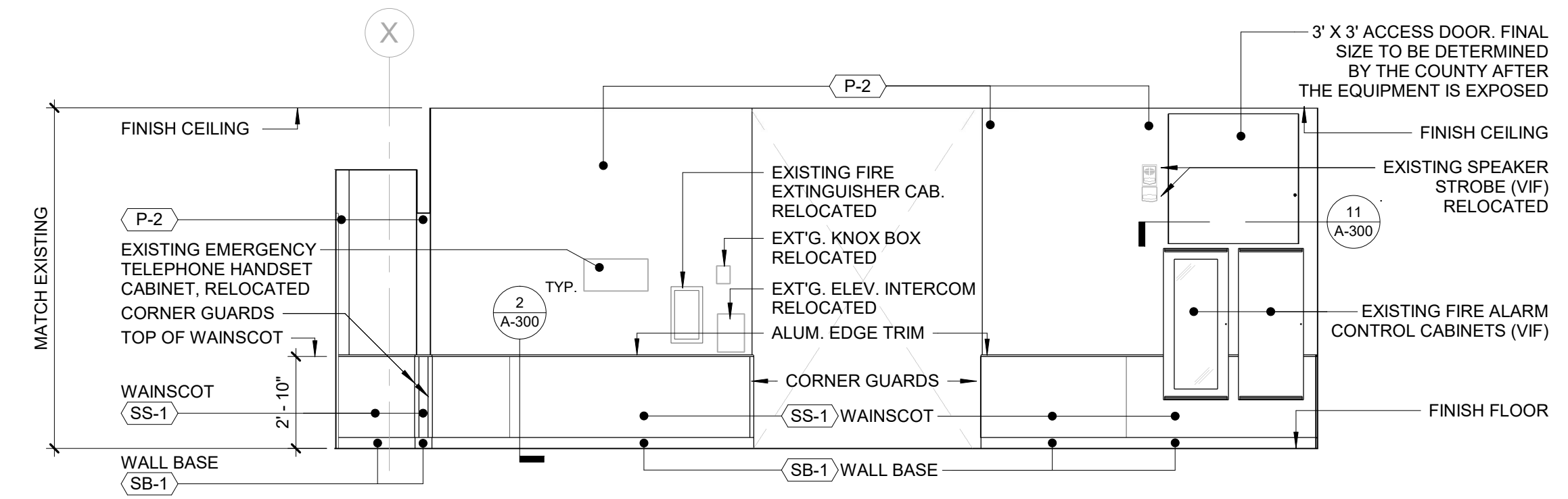
4 ELEVATION - 1ST FLR. VESTIBULE 04  
1/4" = 1'-0"



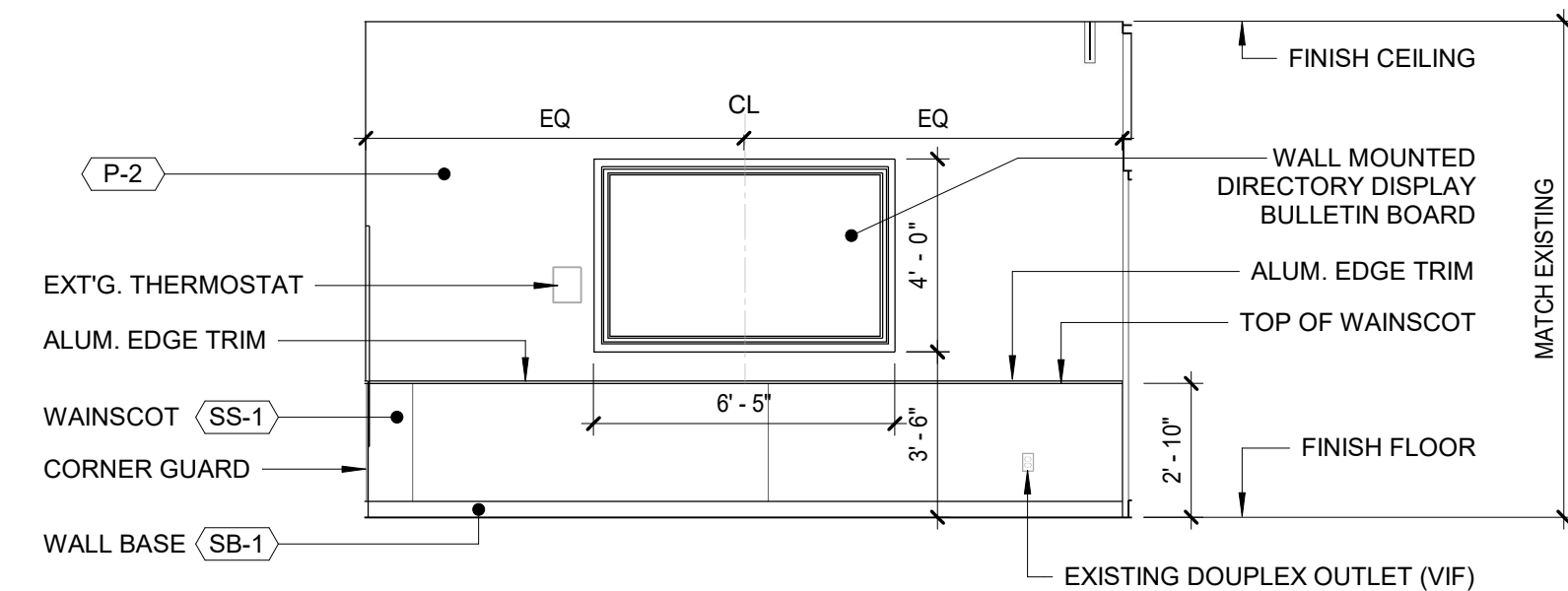
5 ELEVATION - 1ST FLR. MAIN LOBBY 01  
1/4" = 1'-0"



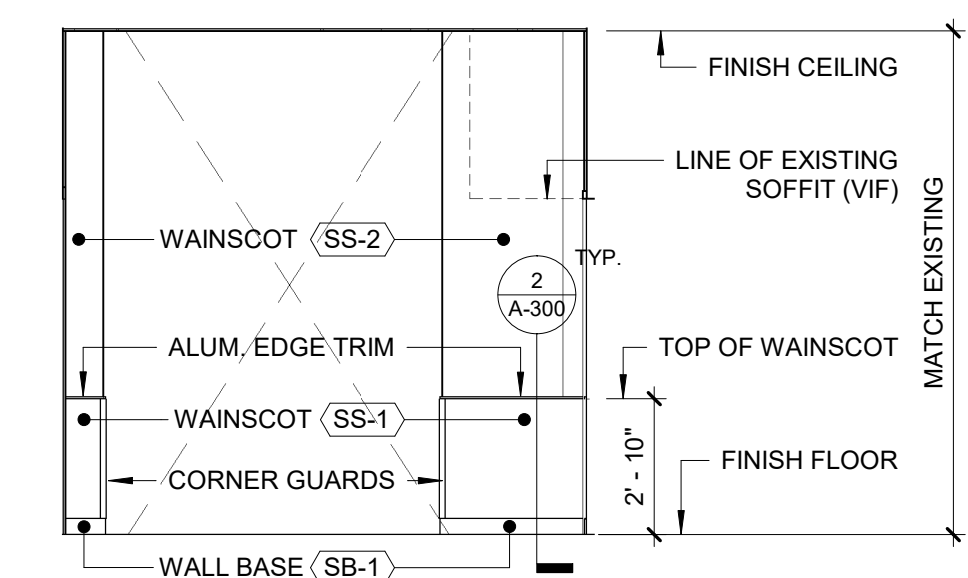
6 ELEVATION - 1ST FLR. MAIN LOBBY 02  
1/4" = 1'-0"



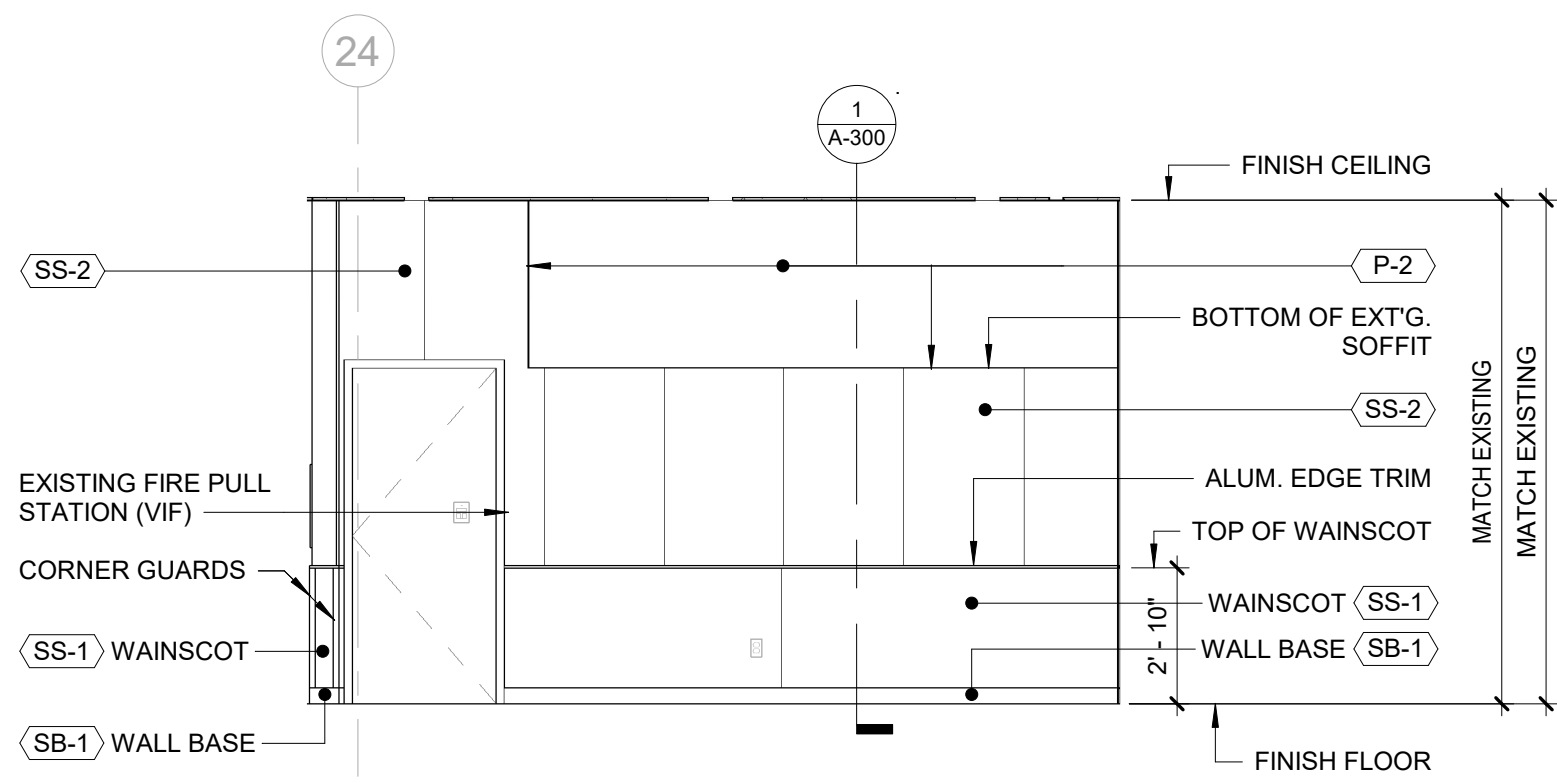
7 ELEVATION - 1ST FLR. MAIN LOBBY 03  
1/4" = 1'-0"



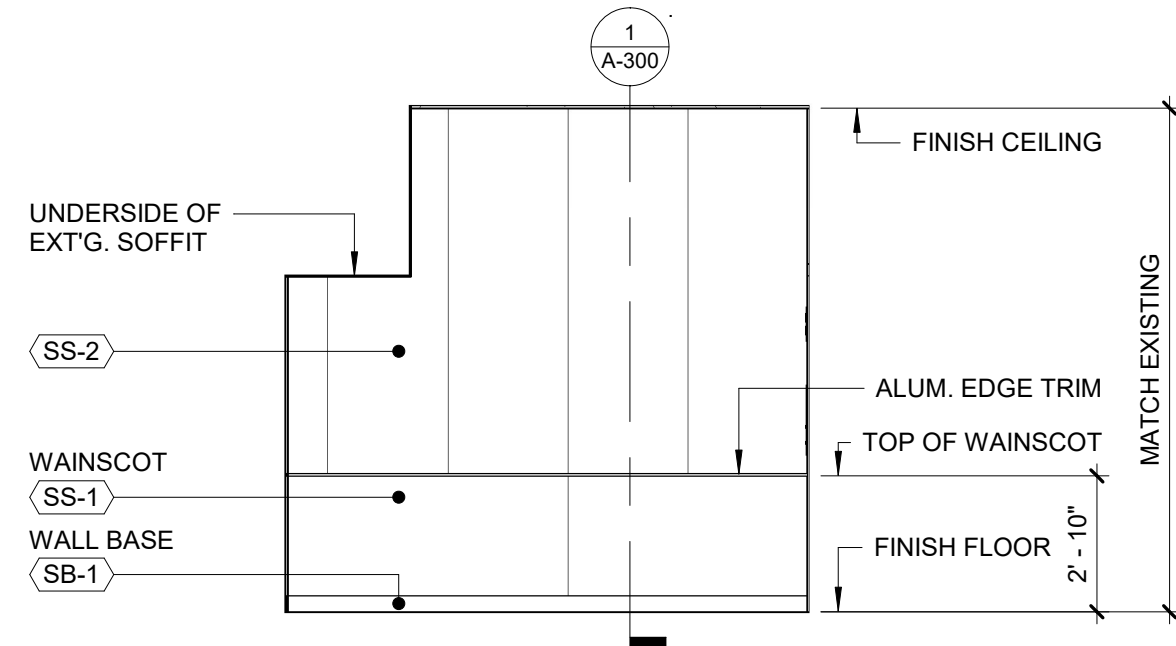
8 ELEVATION - 1ST FLR. MAIN LOBBY 04  
1/4" = 1'-0"



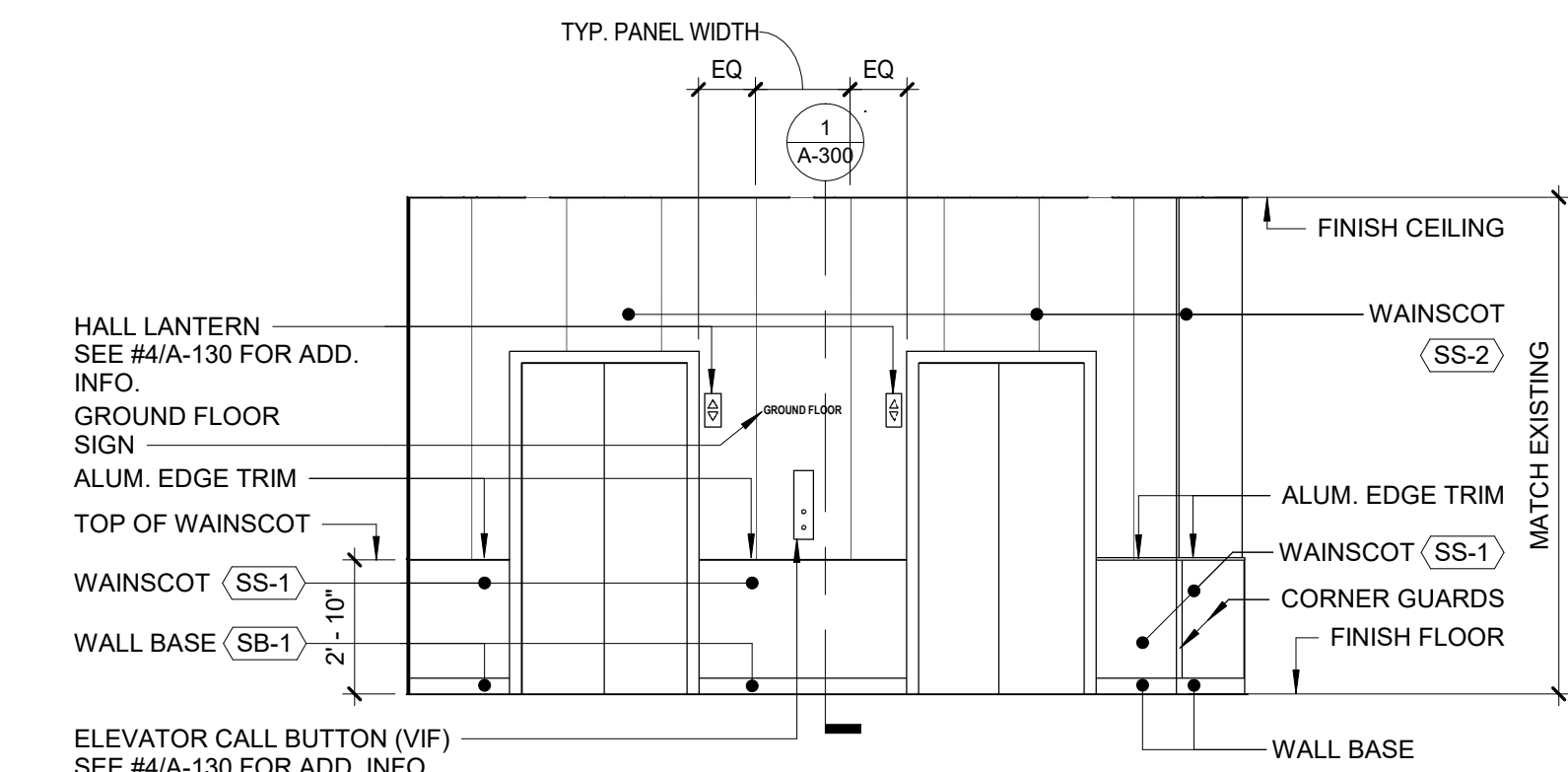
9 ELEVATION - 1ST FLR. ELEVATOR LOBBY 01  
1/4" = 1'-0"



10 ELEVATION - 1ST FLR. ELEVATOR LOBBY 02  
1/4" = 1'-0"



11 ELEVATION - 1ST FLR. ELEVATOR LOBBY 03  
1/4" = 1'-0"

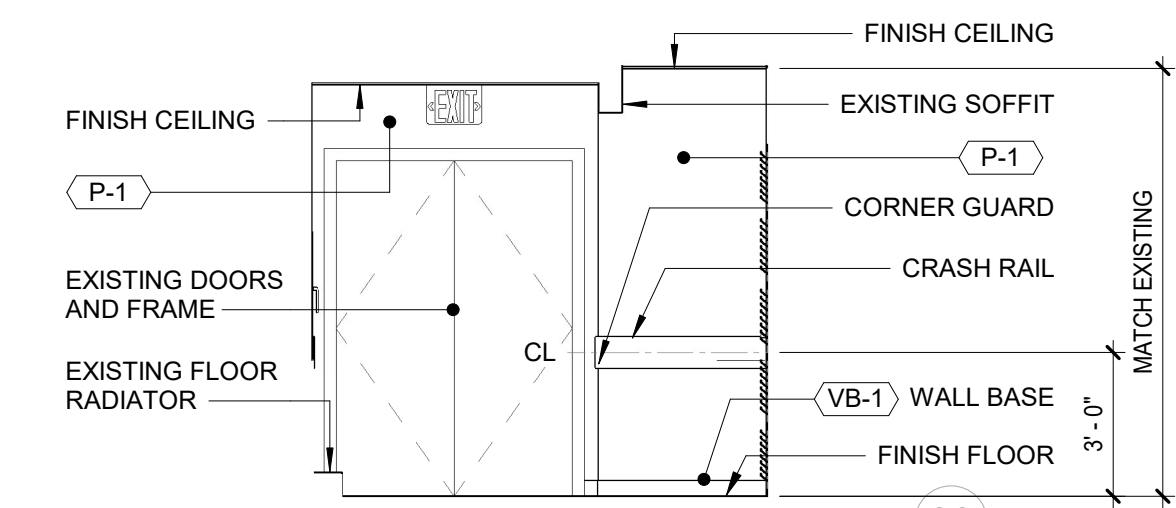


12 ELEVATION - 1ST FLR. ELEVATOR LOBBY 04  
1/4" = 1'-0"

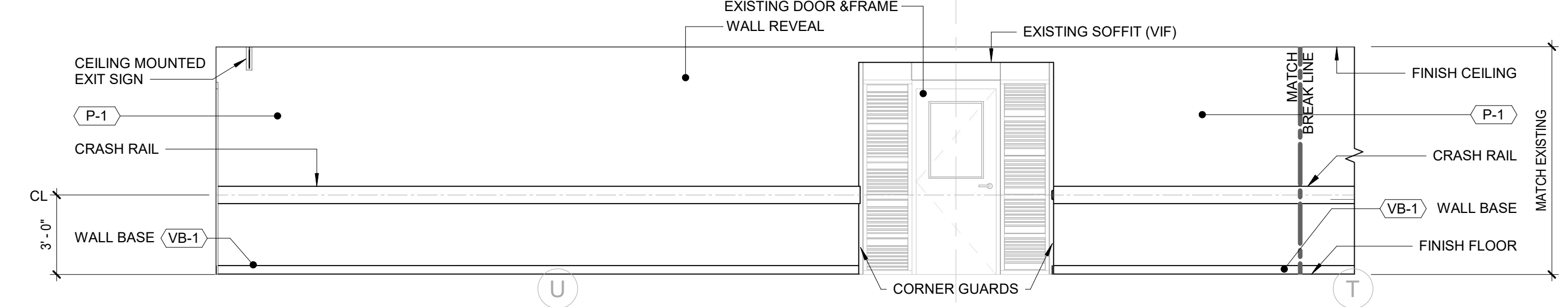
**NOTES:**

- EXISTING WALL MOUNTED EQUIPMENT TO BE REMOVED & STORED FOR REINSTALLATION, INSTALL AFTER WALL FINISH DONE
- SEE A-304 FOR FINISH SCHEDULE.

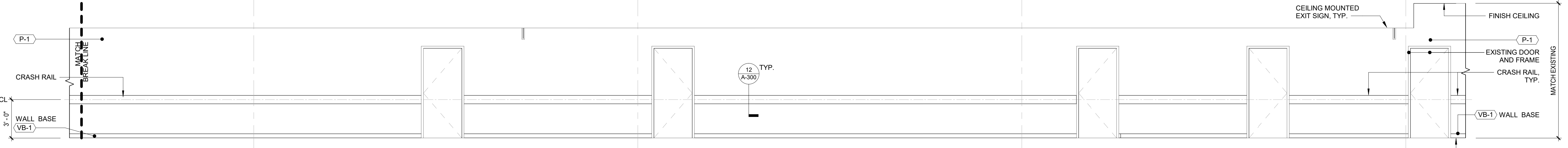
		<b>CONTRACTOR INFORMATION</b> <b>Graf &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
<b>REVISION</b> NUMBER      DATE      MADE BY      APP'D BY      REVISION			
<b>RECORD DRAWING CERTIFICATION</b>			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES		<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____	
<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-502	SHEET NUMBER <b>A-201</b>
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/4" = 1'-0" DATE: 01-19-2024 Issue Date DPW FILE NO. REV NO.	SHEET NO. 43 OF 133 52-11-A-1855-0
INTERIOR ELEVATIONS 1ST FLOOR - CENTRAL WING			



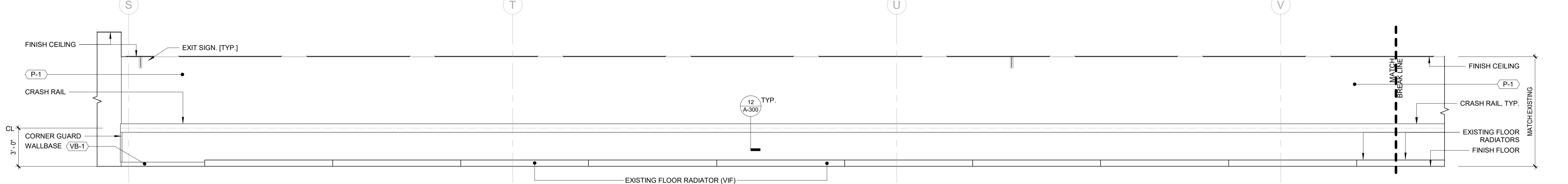
1 ELEVATION - 1ST FLR. CORRIDOR 01  
1/4" = 1'-0"



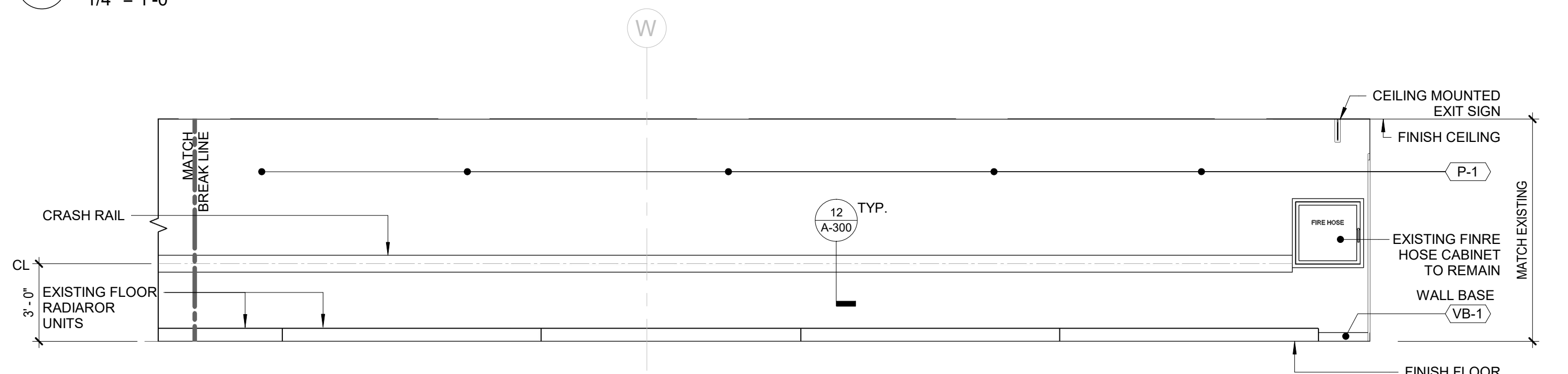
2 ELEVATION - 1ST FLR. CORRIDOR 02  
1/4" = 1'-0"



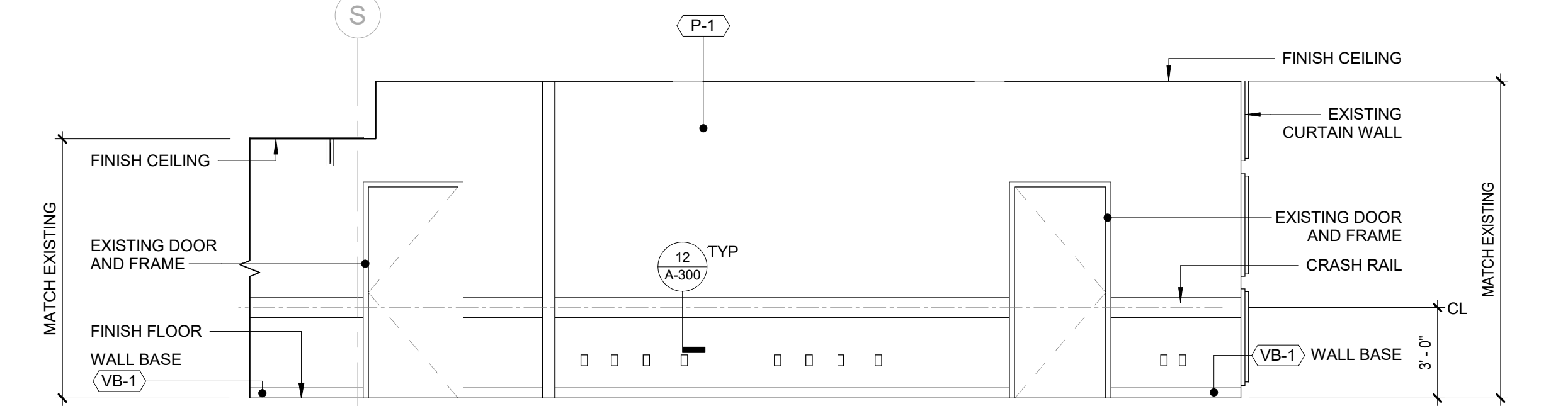
2A ELEVATION - 1ST FLR. CORRIDOR 03  
1/4" = 1'-0"



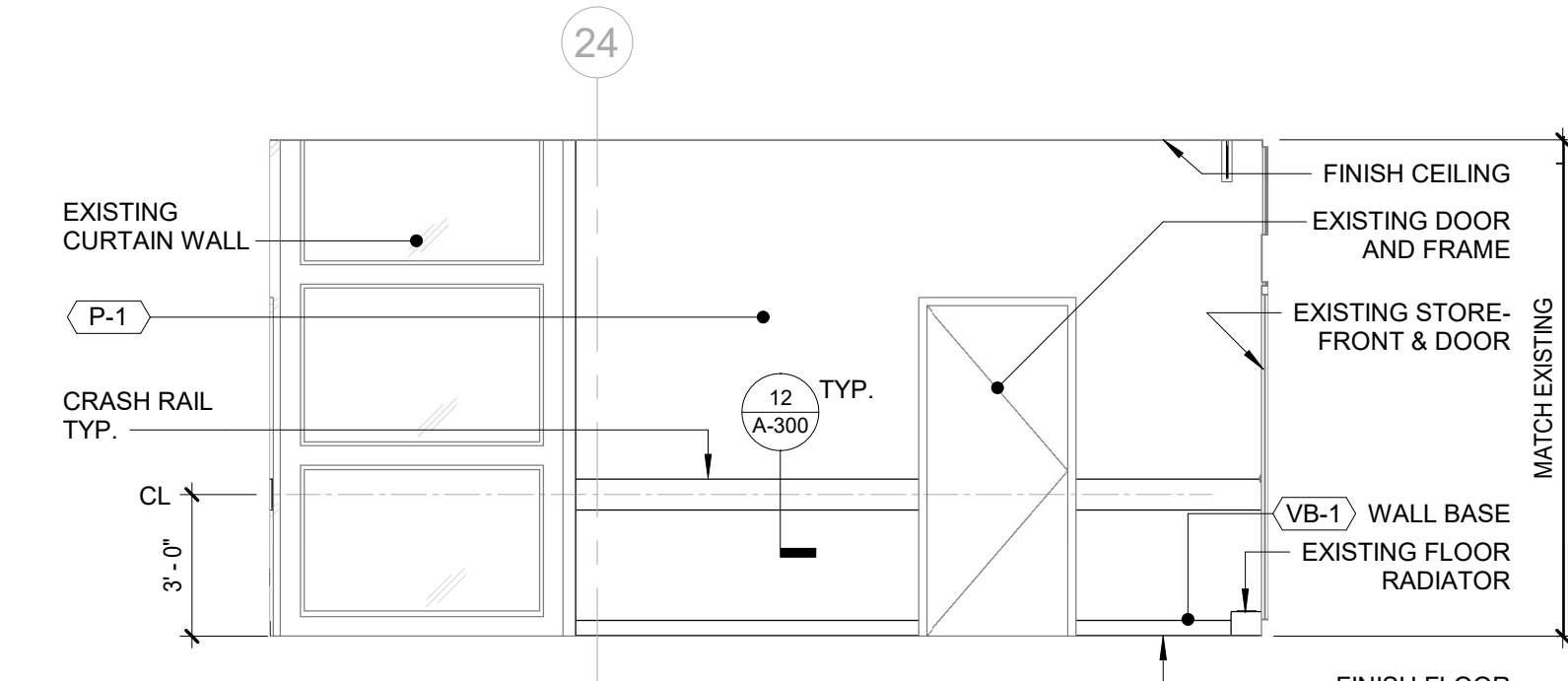
3 ELEVATION - 1ST FLR. CORRIDOR 04  
1/4" = 1'-0"



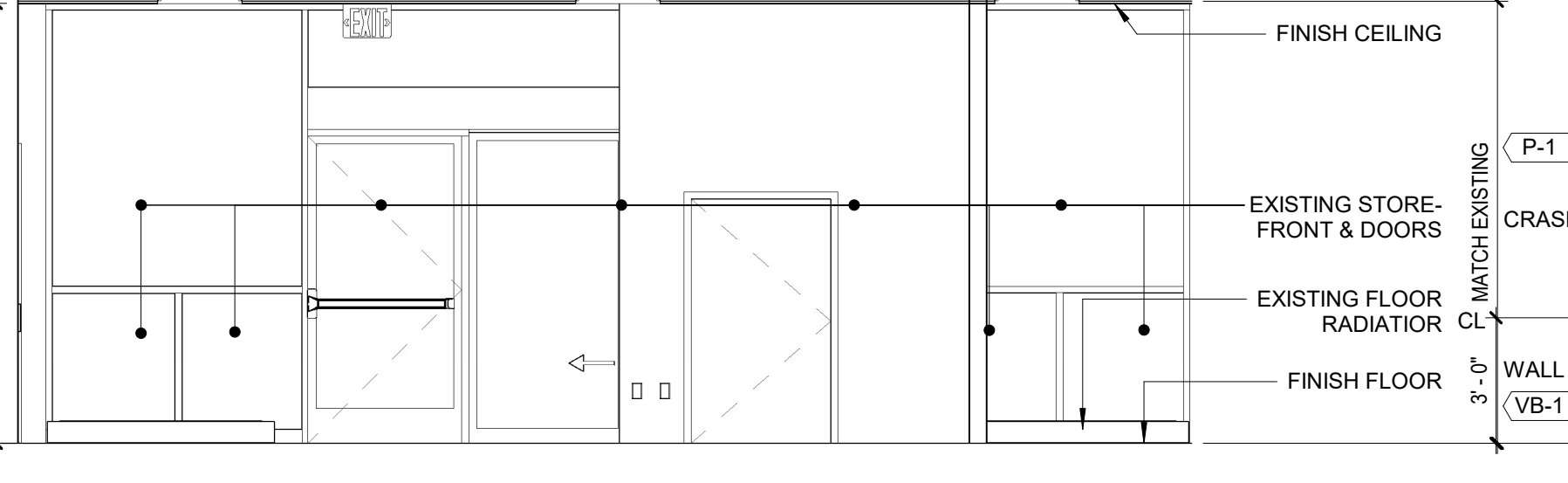
3A ELEVATION - 1ST FLR. CORRIDOR 05  
1/4" = 1'-0"



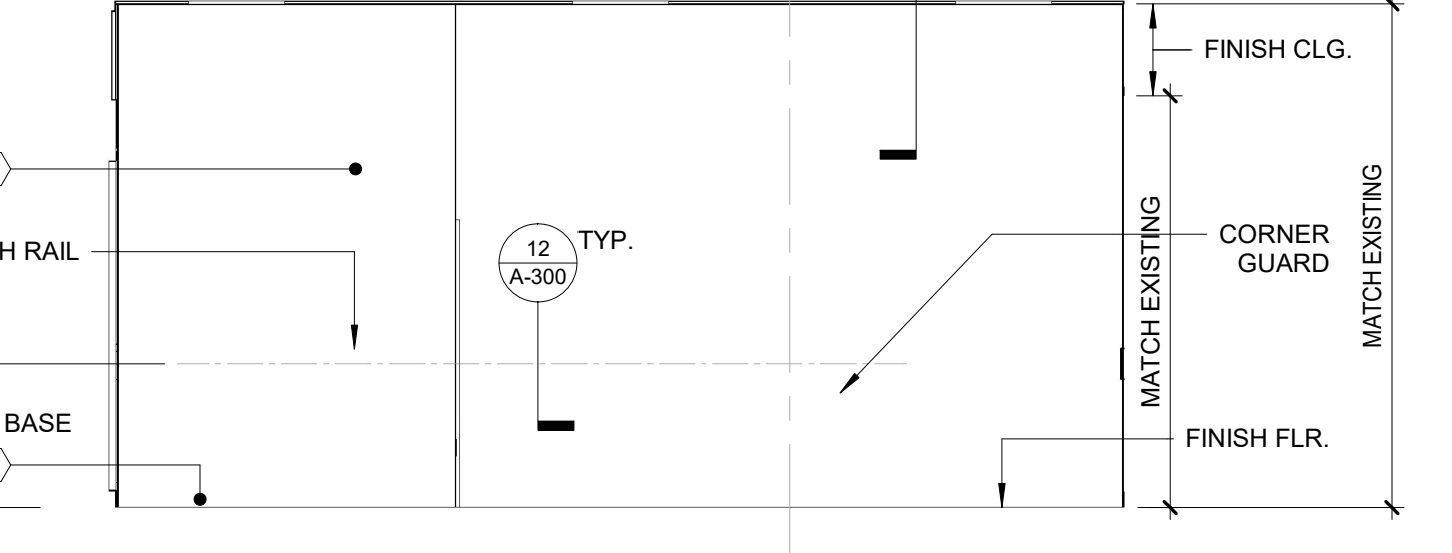
4 ELEVATION - 1ST FLR. LOBBY 01  
1/4" = 1'-0"



5 ELEVATION - 1ST FLR. LOBBY 02  
1/4" = 1'-0"



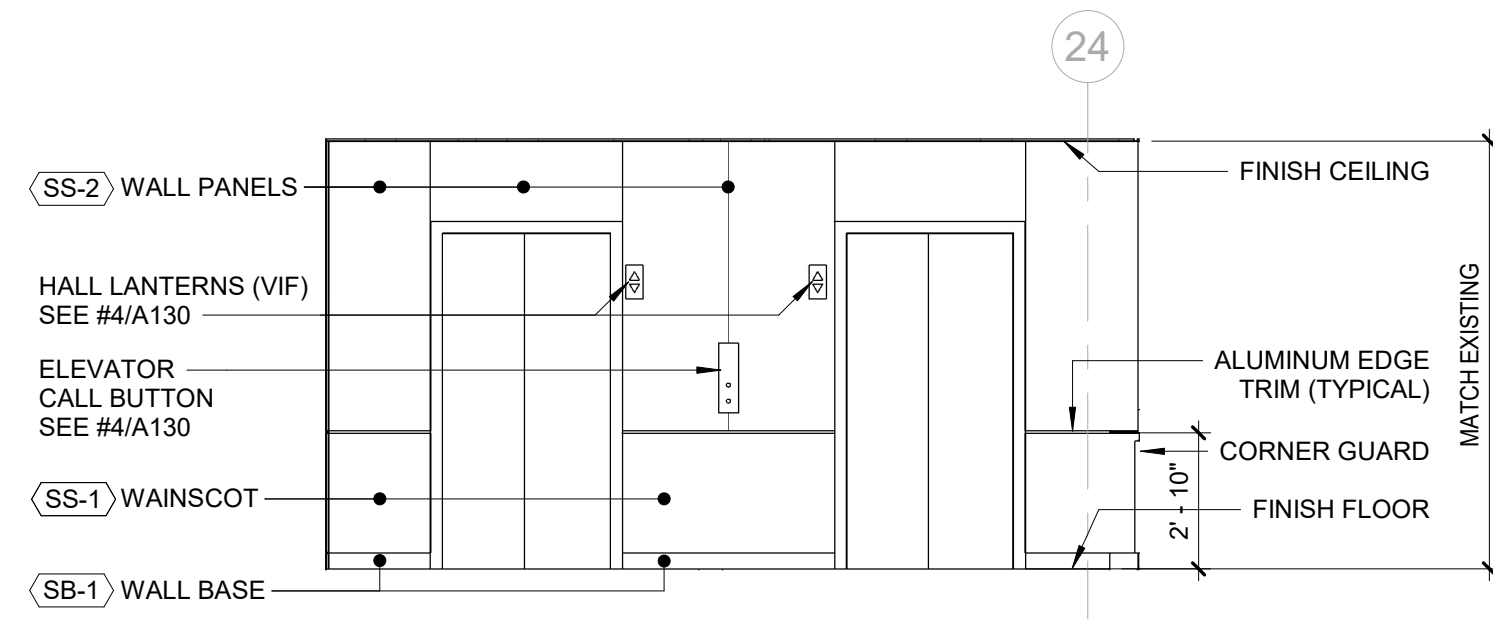
6 ELEVATION - 1ST FLR. LOBBY 03  
1/4" = 1'-0"



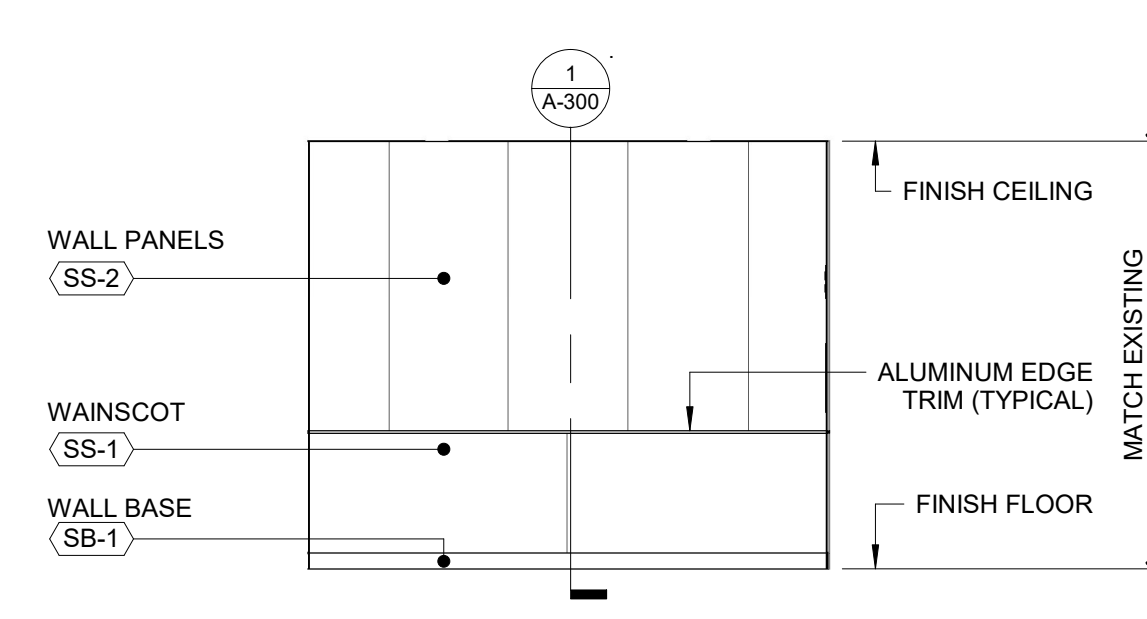
7 ELEVATION - 1ST FLR. LOBBY 04  
1/4" = 1'-0"

- NOTES:**
1. EXISTING WALL MOUNTED EQUIPMENT TO BE REMOVED & STORED FOR REINSTALLATION, INSTALL AFTER WALL FINISH DONE
  2. SEE A-304 FOR FINISH SCHEDULE.

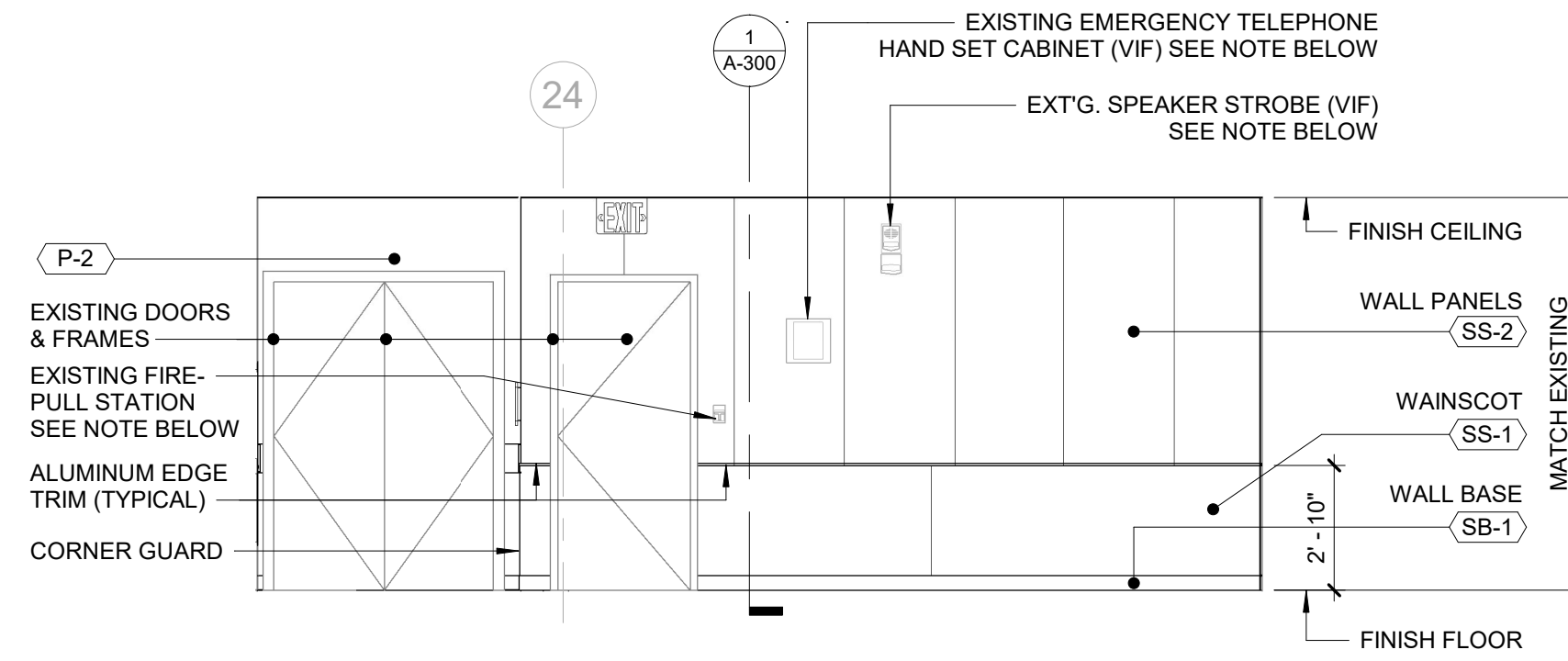
		<b>CONTRACTOR INFORMATION</b> <b>Graf &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989		
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
<b>RECORD DRAWING CERTIFICATION</b>				
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES				
<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____		<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK				CONTRACT NUMBER <b>20-502</b> SHEET NO. 44 OF 133 SCALE: 1/4" = 1'-0" DATE: 01-19-2024 DPW FILE NO. 52-11-A-1856-0
INTERIOR ELEVATIONS 1ST FLOOR - NORTH WING				SHEET NUMBER <b>A-202</b> Issue Date REV NO.



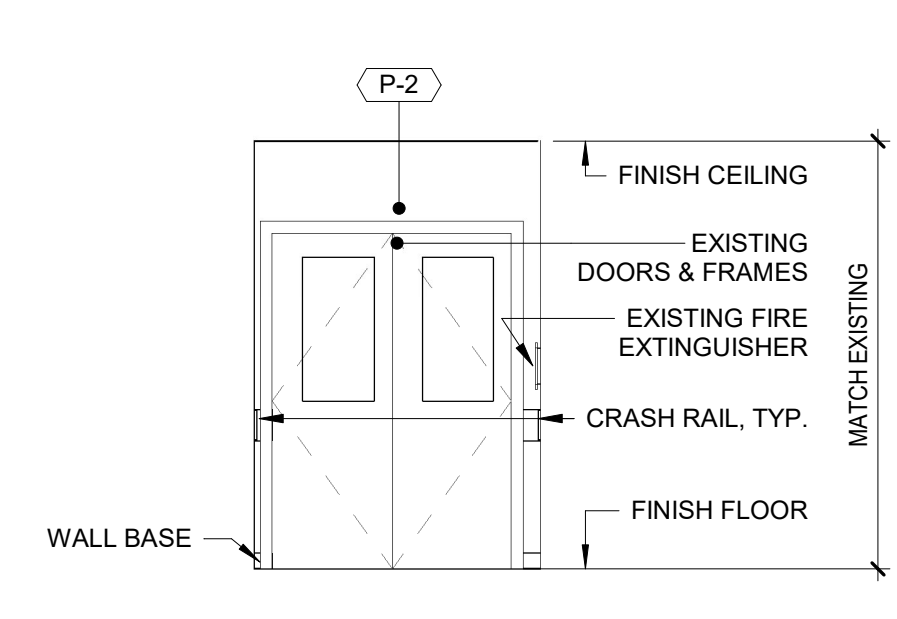
1 ELEVATION 1 - ELEVATOR LOBBY  
1/4" = 1'-0"



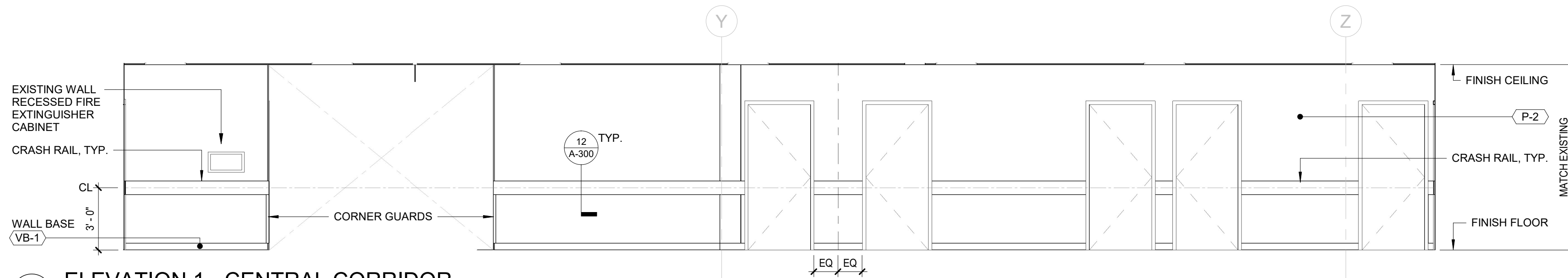
2 ELEVATION 2 - ELEVATOR LOBBY  
1/4" = 1'-0"



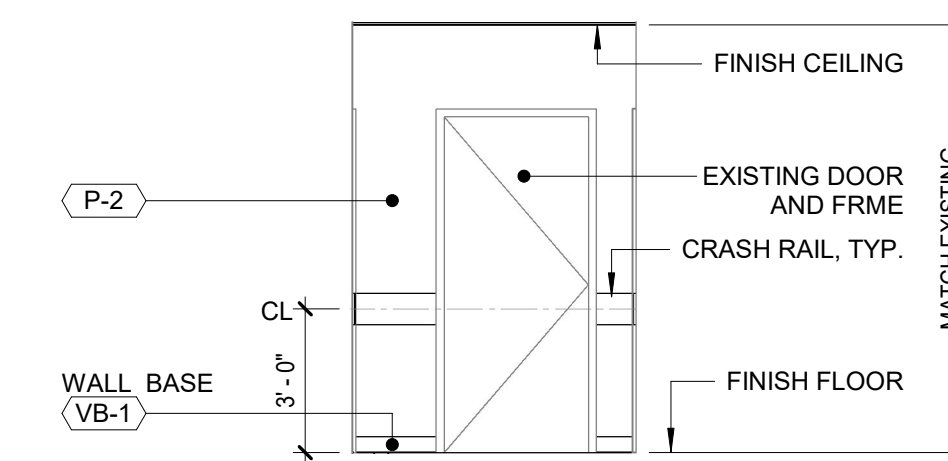
3 ELEVATION 3A - ELEVATOR LOBBY  
1/4" = 1'-0"



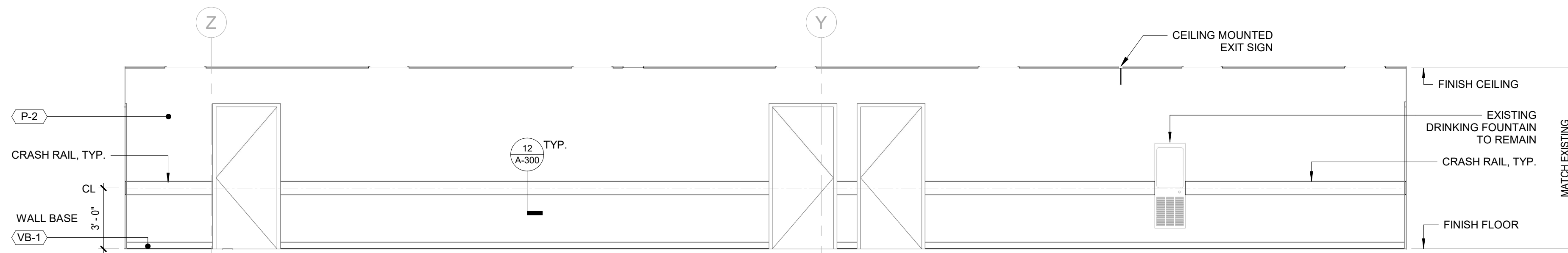
4 ELEVATION 4 - CENTRAL CORRIDOR  
1/4" = 1'-0"



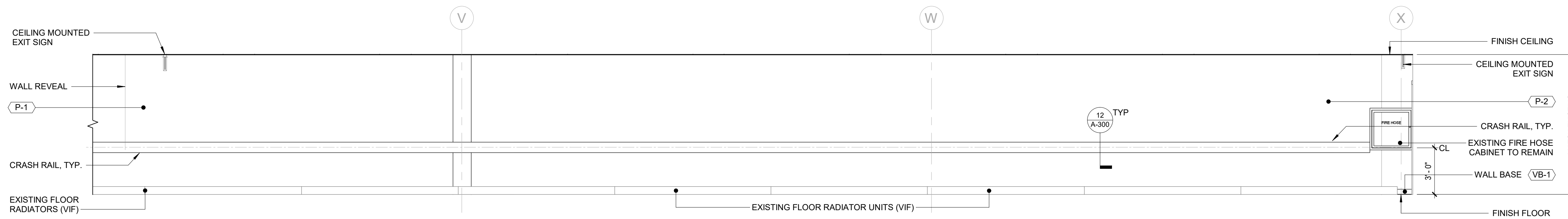
5 ELEVATION 1 - CENTRAL CORRIDOR  
1/4" = 1'-0"



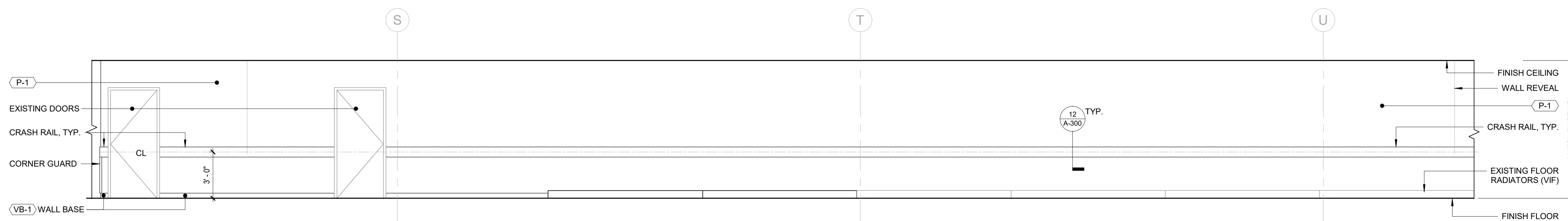
6 ELEVATION 2 - CENTRAL CORRIDOR  
1/4" = 1'-0"



7 ELEVATION 3 - CENTRAL CORRIDOR  
1/4" = 1'-0"



8 ELEVATION 2A - NORTH WING CORRIDOR  
1/4" = 1'-0"

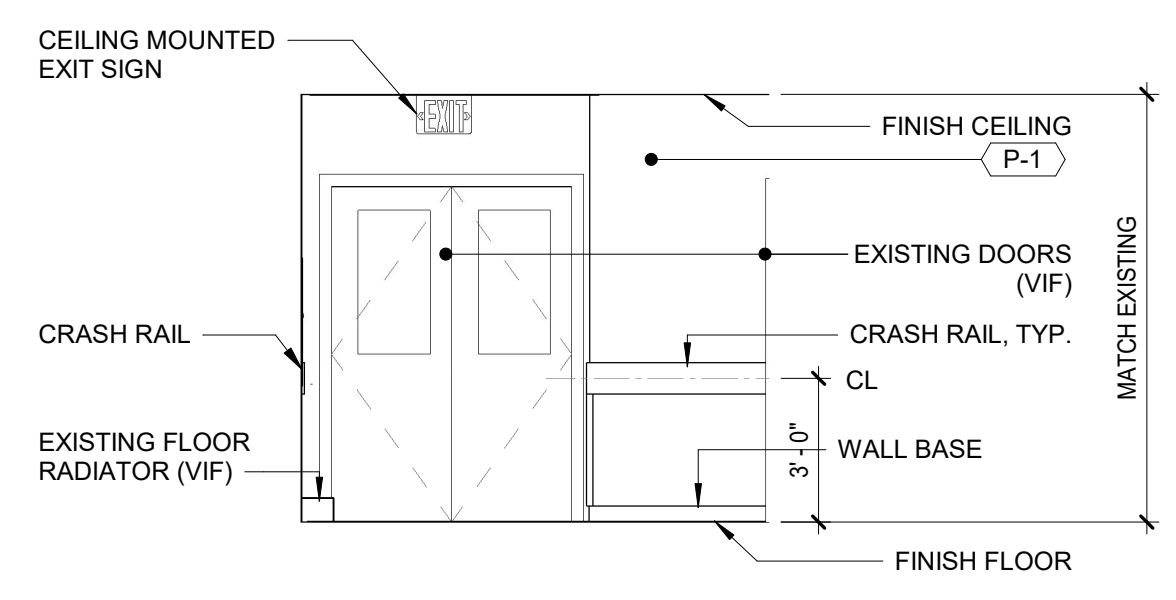


9 ELAVATION 2B - NORTH WING CORRIDOR  
1/4" = 1'-0"

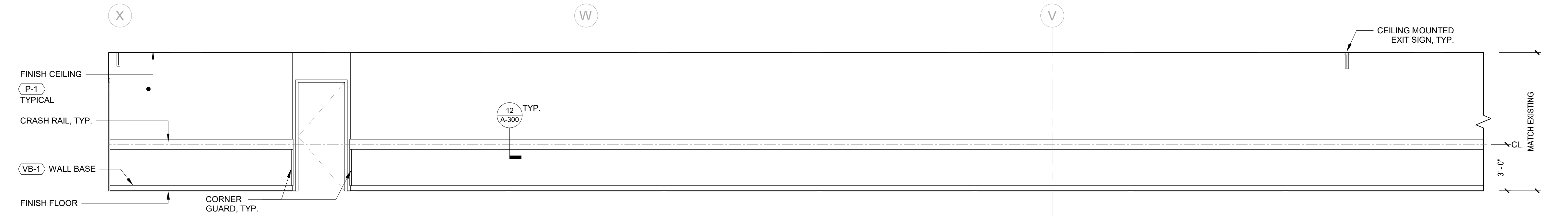
**NOTES:**

- EXISTING WALL MOUNTED EQUIPMENT TO BE REMOVED & STORED FOR REINSTALLATION, INSTALL AFTER WALL FINISH DONE
- SEE A-304 FOR FINISH SCHEDULE.

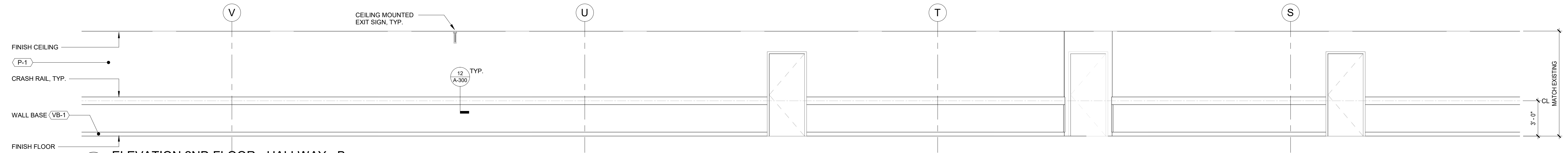
		<b>CONTRACTOR INFORMATION</b> <b>Graf &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989		
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
<b>RECORD DRAWING CERTIFICATION</b>				
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES				
<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK				CONTRACT NUMBER <b>20-502</b> SHEET NO. 45 OF 133 SCALE: 1/4" = 1'-0" DATE: 01-19-2024 Issue Date DPW FILE NO. 52-11-A-1857-0 REV NO.



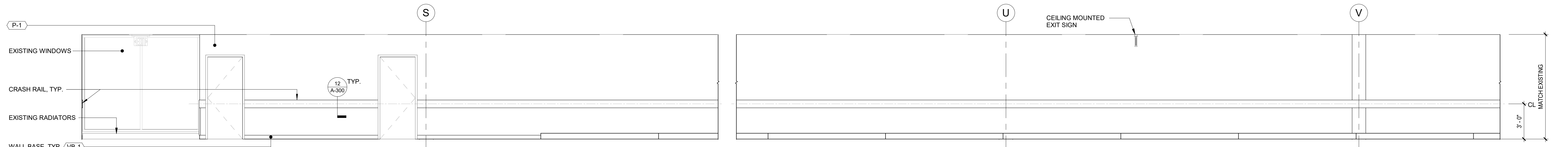
1 ELEVATION 1 - NORTH WING CORRIDOR  
1/4" = 1'-0"



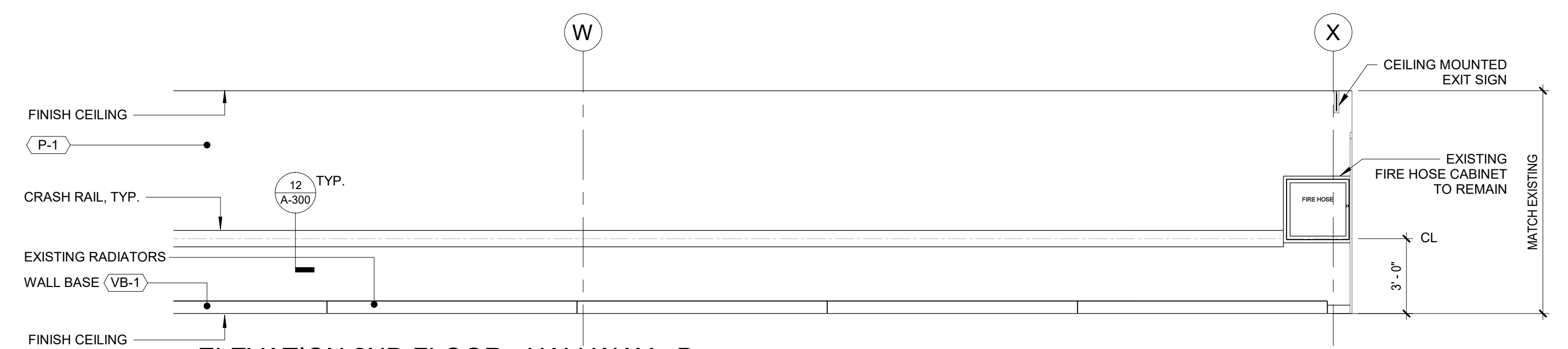
2 ELEVATION 2ND FLOOR - HALLWAY - A  
1/4" = 1'-0"



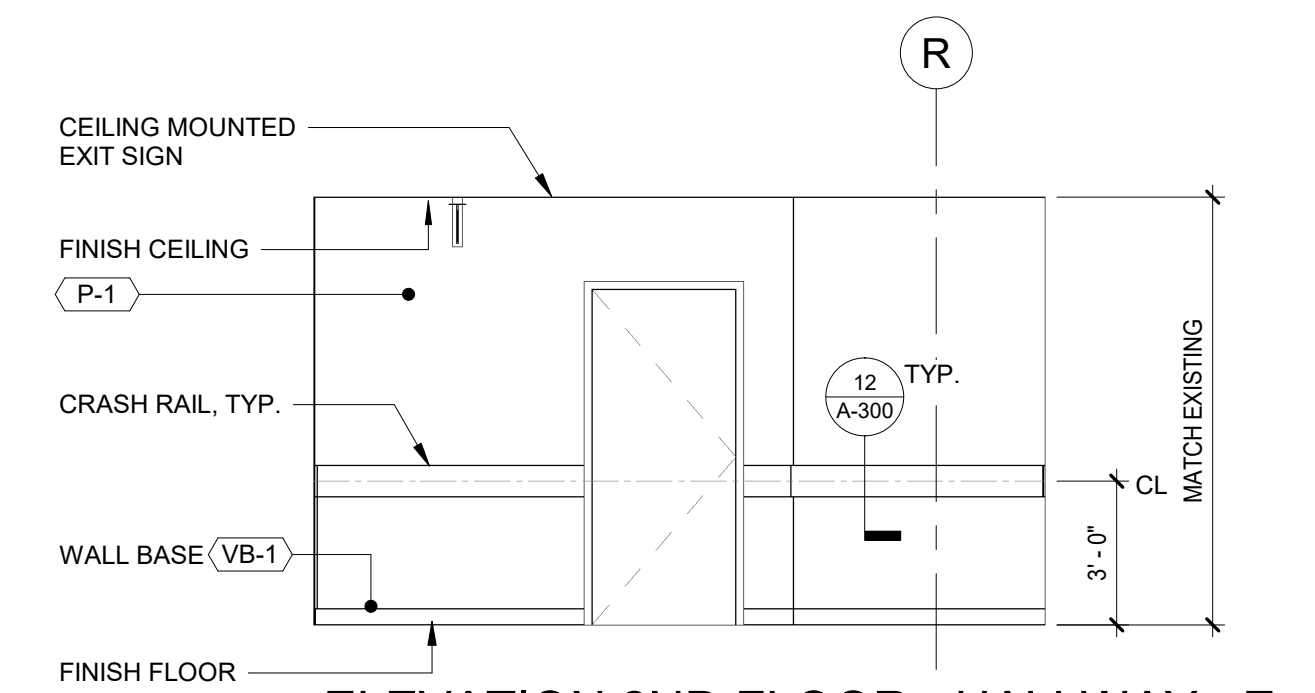
3 ELEVATION 2ND FLOOR - HALLWAY - B  
1/4" = 1'-0"



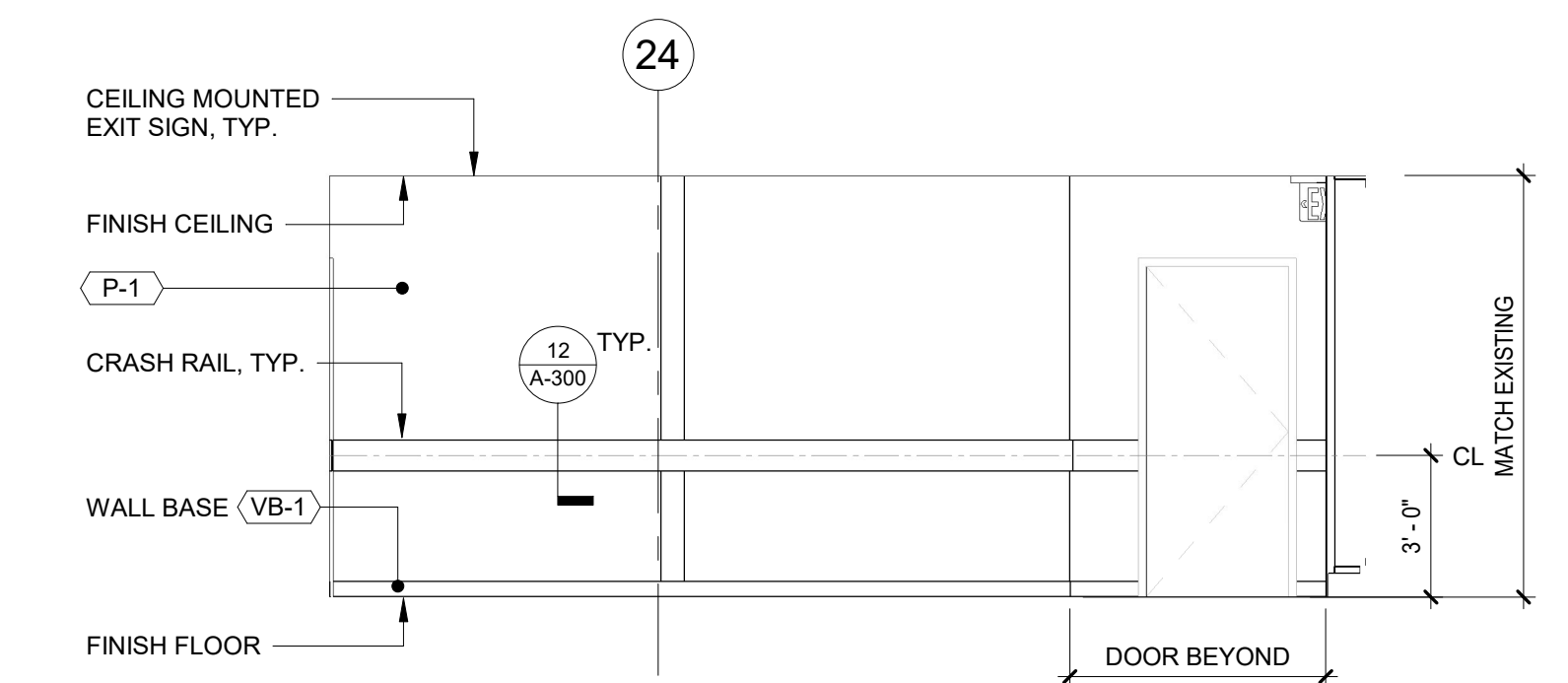
4 ELEVATION 2ND FLOOR - HALLWAY - C  
1/4" = 1'-0"



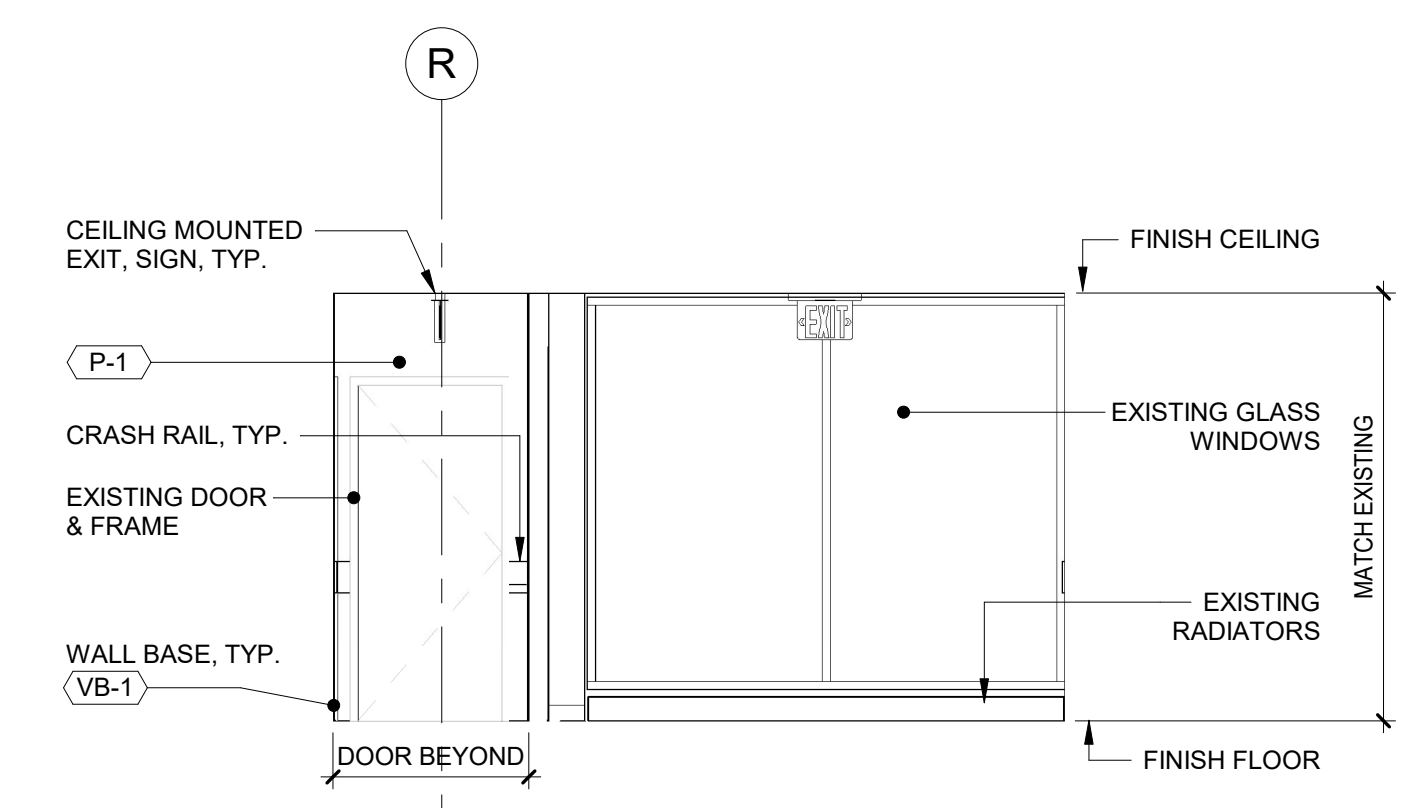
5 ELEVATION 2ND FLOOR - HALLWAY - D  
1/4" = 1'-0"



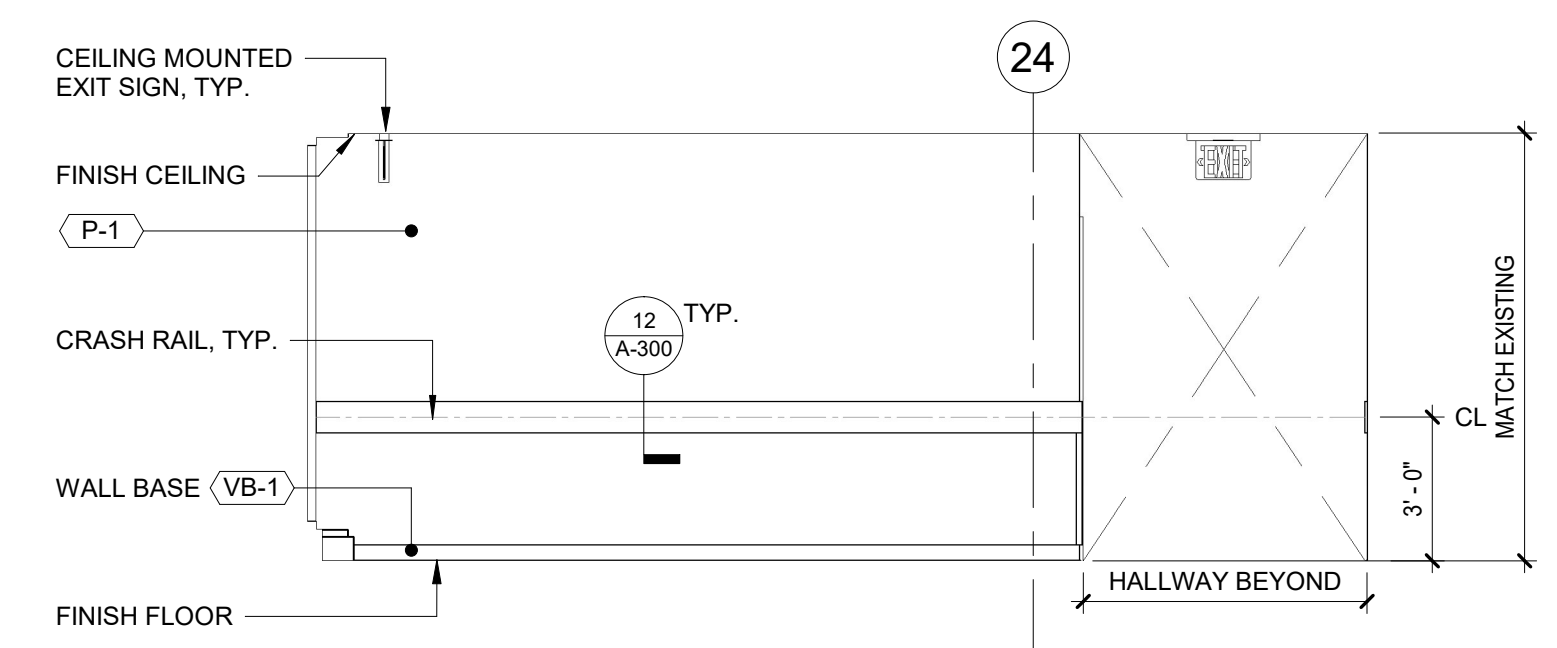
6 ELEVATION 2ND FLOOR - HALLWAY - E  
1/4" = 1'-0"



7 ELEVATION 2ND FLOOR - HALLWAY - F  
1/4" = 1'-0"



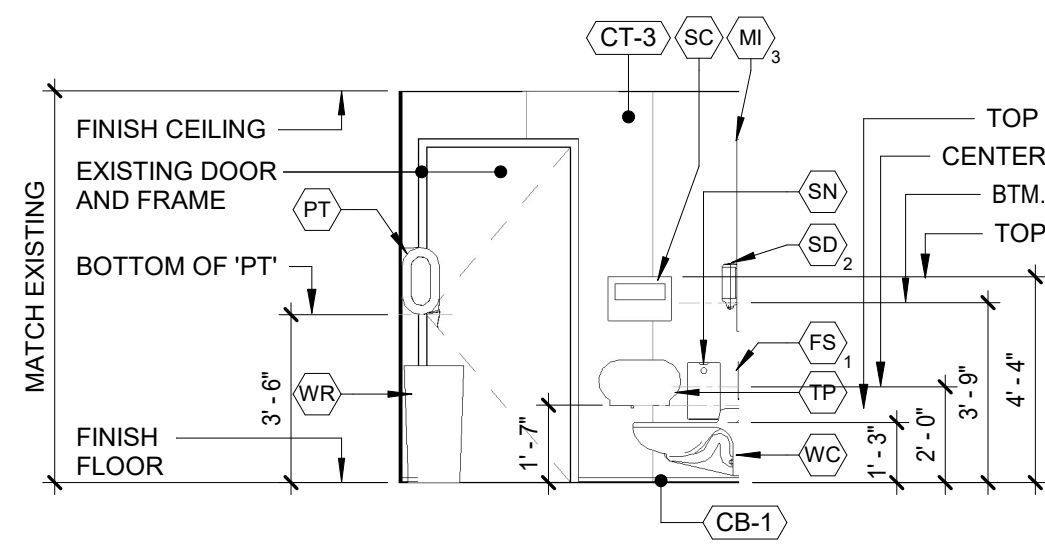
8 ELEVATION 2ND FLOOR - HALLWAY - H  
1/4" = 1'-0"



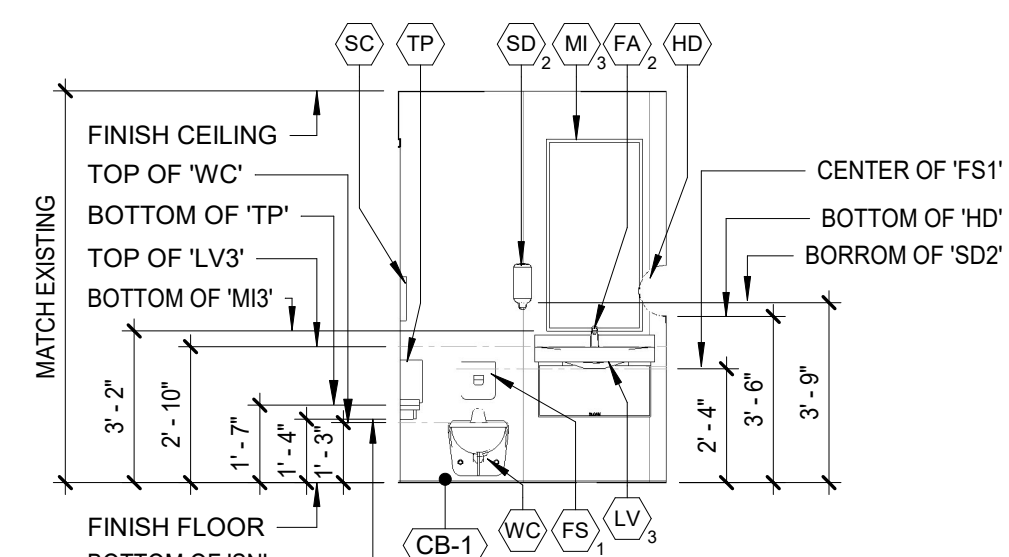
9 ELEVATION 2ND FLOOR - HALLWAY - G  
1/4" = 1'-0"

- NOTES:**
- EXISTING WALL MOUNTED EQUIPMENT TO BE REMOVED & STORED FOR REINSTALLATION, INSTALL AFTER WALL FINISH DONE
  - SEE A-304 FOR FINISH SCHEDULE.

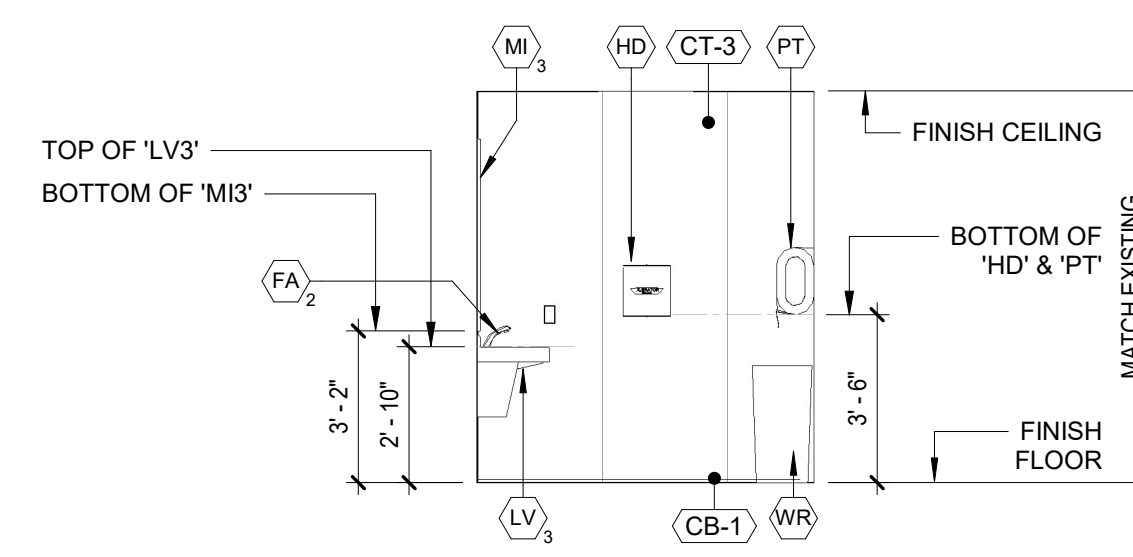
		<b>CONTRACTOR INFORMATION</b> <b>Graf &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989		
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
<b>RECORD DRAWING CERTIFICATION</b>				
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES				
<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____		<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK INTERIOR ELEVATIONS 2ND FLOOR - NORTH WING				CONTRACT NUMBER 20-502 SHEET NO. 46 OF 133 SCALE: 1/4" = 1'-0" DATE: 01-19-2024 DPW FILE NO. 52-11-A-1858-0
				SHEET NUMBER <b>A-204</b> Issue Date REV NO.



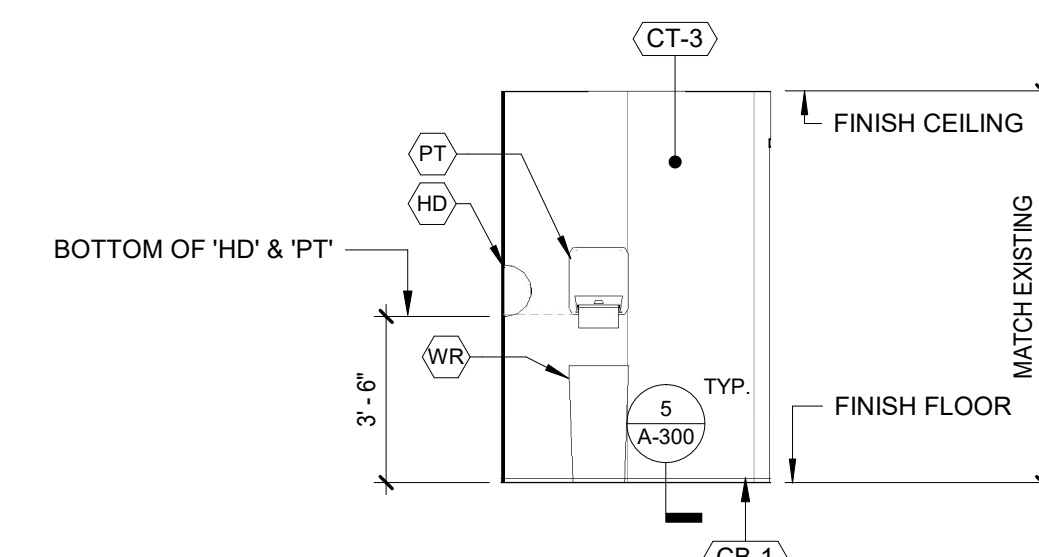
1 ELEVATION - 1ST FL UNISEX RESTROOM - E  
1/4" = 1'-0"



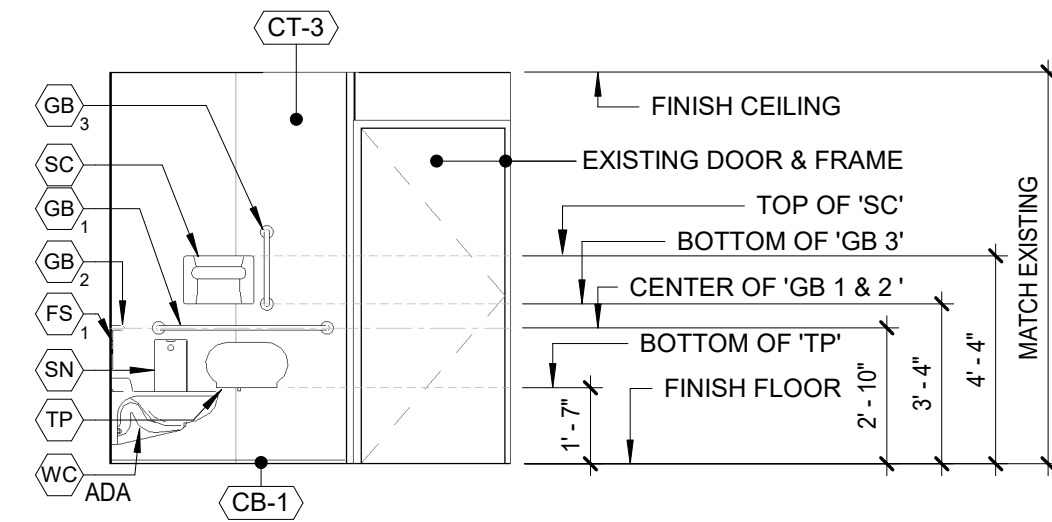
2 ELEVATION - 1ST FL UNISEX RESTROOM - S  
1/4" = 1'-0"



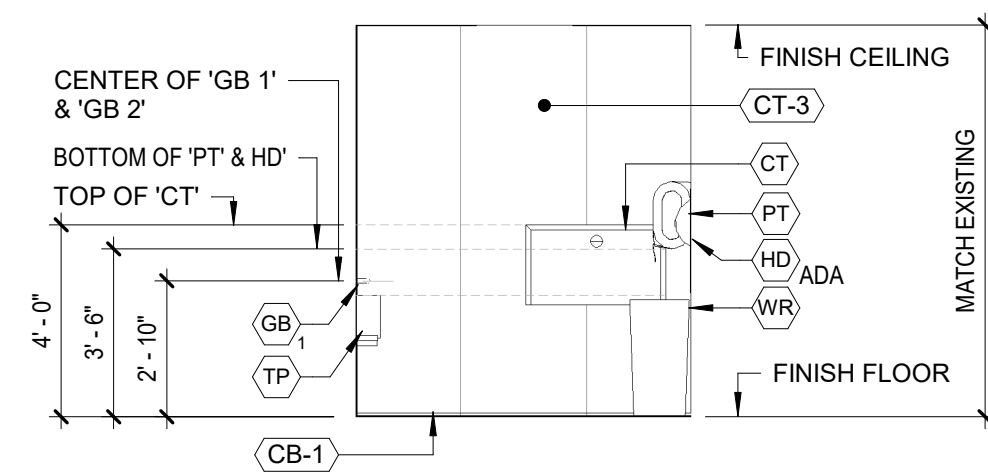
3 ELEVATION - 1ST FL UNISEX RESTROOM - W  
1/4" = 1'-0"



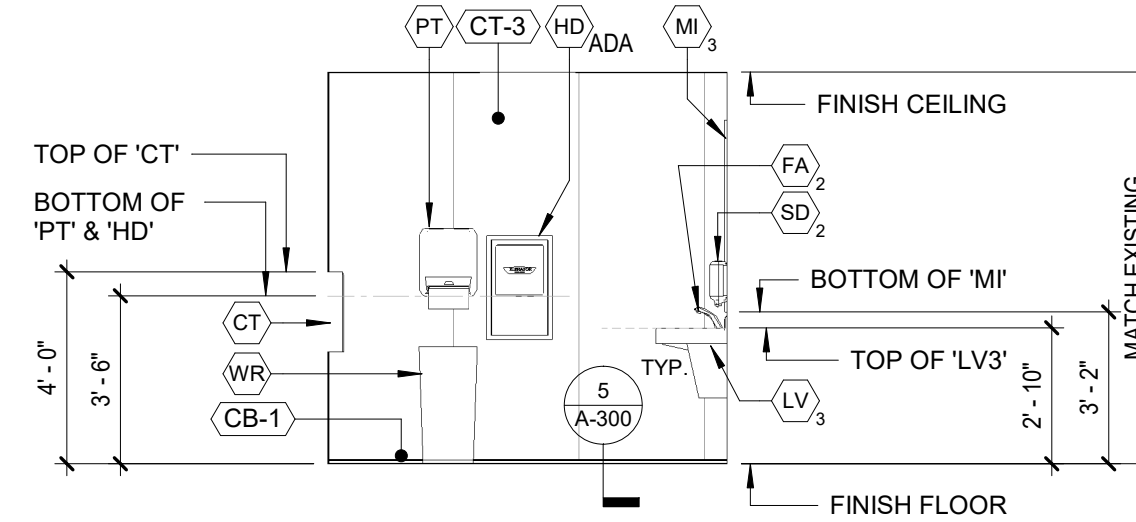
4 ELEVATION - 1ST FL UNISEX RESTROOM - N  
1/4" = 1'-0"



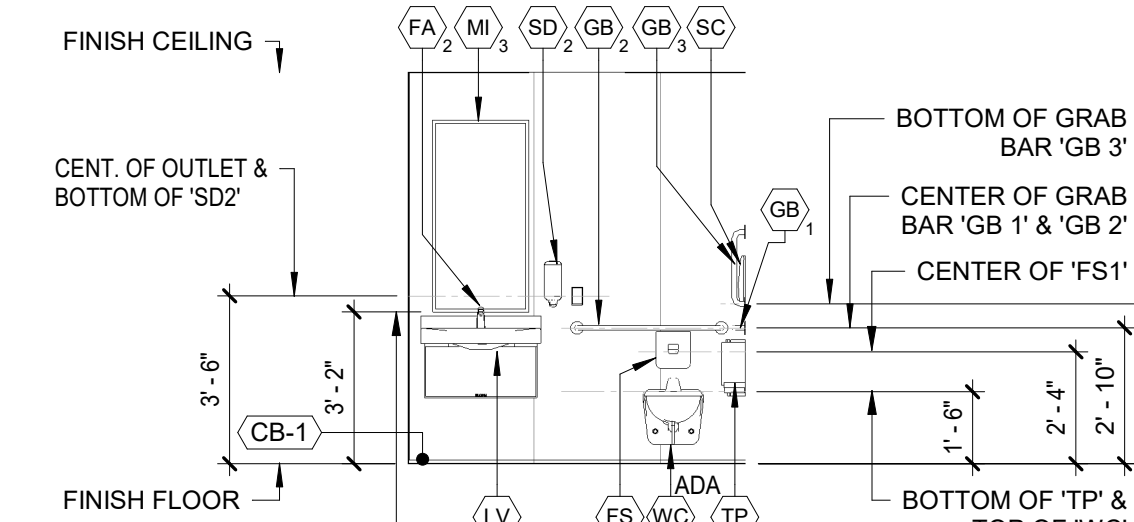
5 ELEVATION - 1ST FL UNISEX ADA RESTROOM - E  
1/4" = 1'-0"



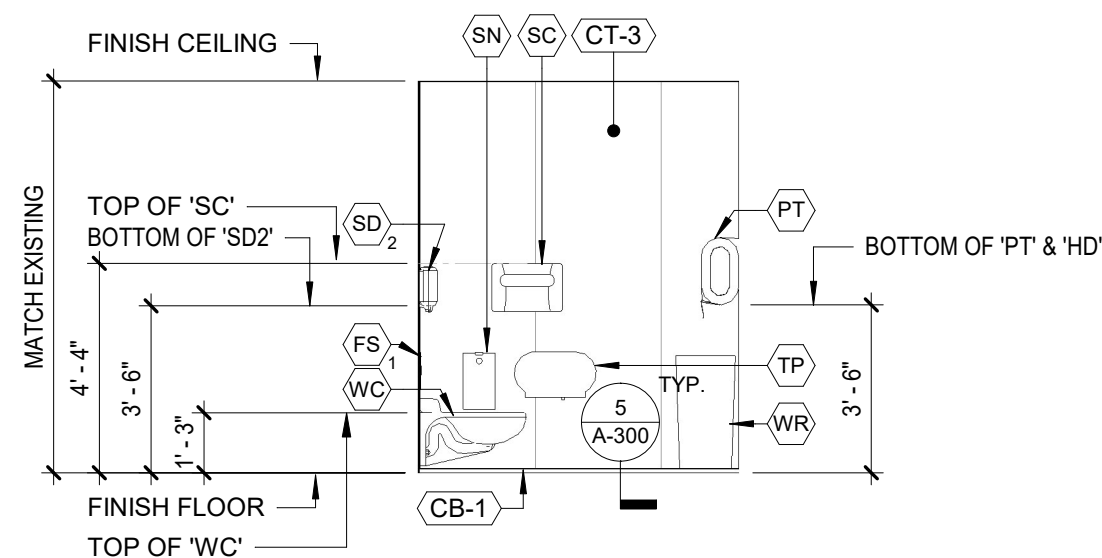
6 ELEVATION - 1ST FL UNISEX ADA RESTROOM - S  
1/4" = 1'-0"



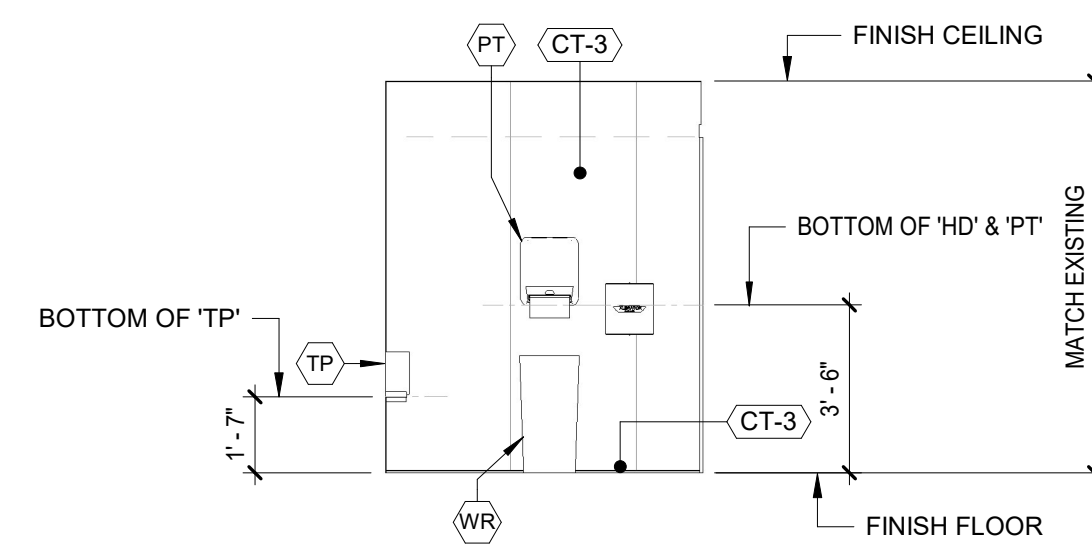
7 ELEVATION - 1ST FL UNISEX ADA RESTROOM - W  
1/4" = 1'-0"



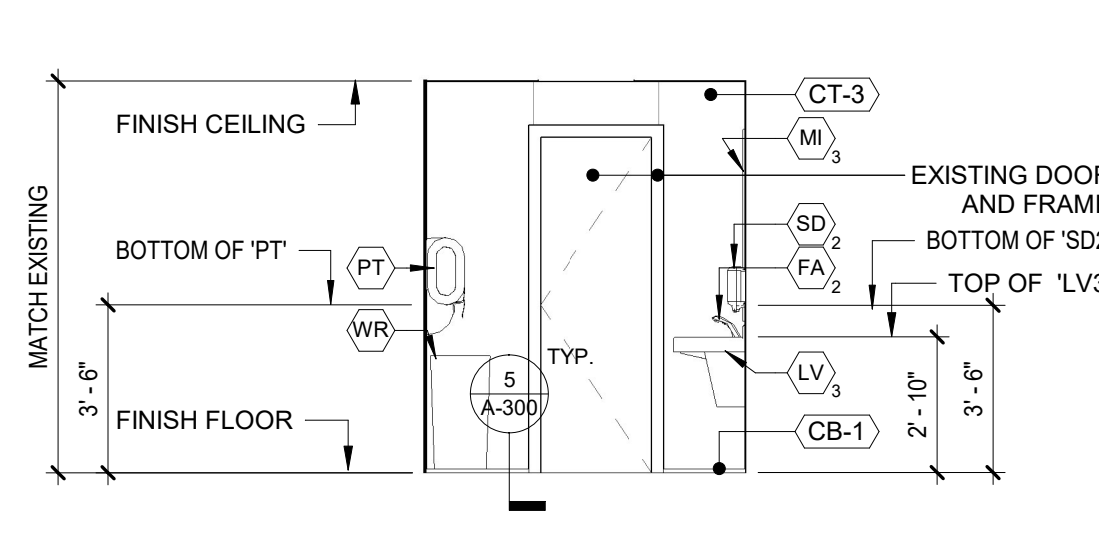
8 ELEVATION - 1ST FL UNISEX ADA RESTROOM - N  
1/4" = 1'-0"



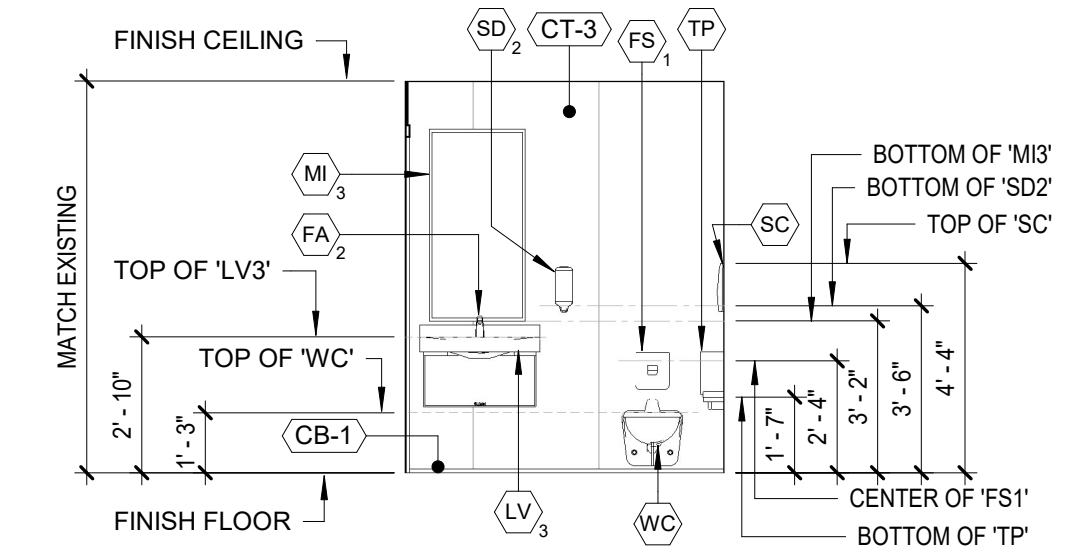
9 ELEVATION - 2ND FL UNISEX BATHROOM 'B' - N  
1/4" = 1'-0"



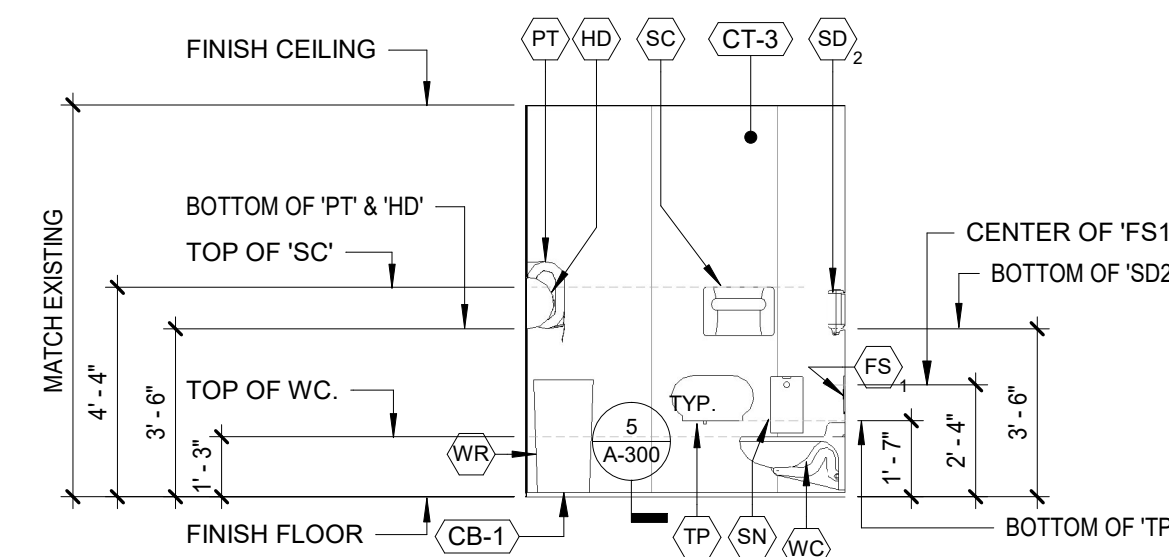
10 ELEVATION - 2ND FL UNISEX BATHROOM 'B' - E  
1/4" = 1'-0"



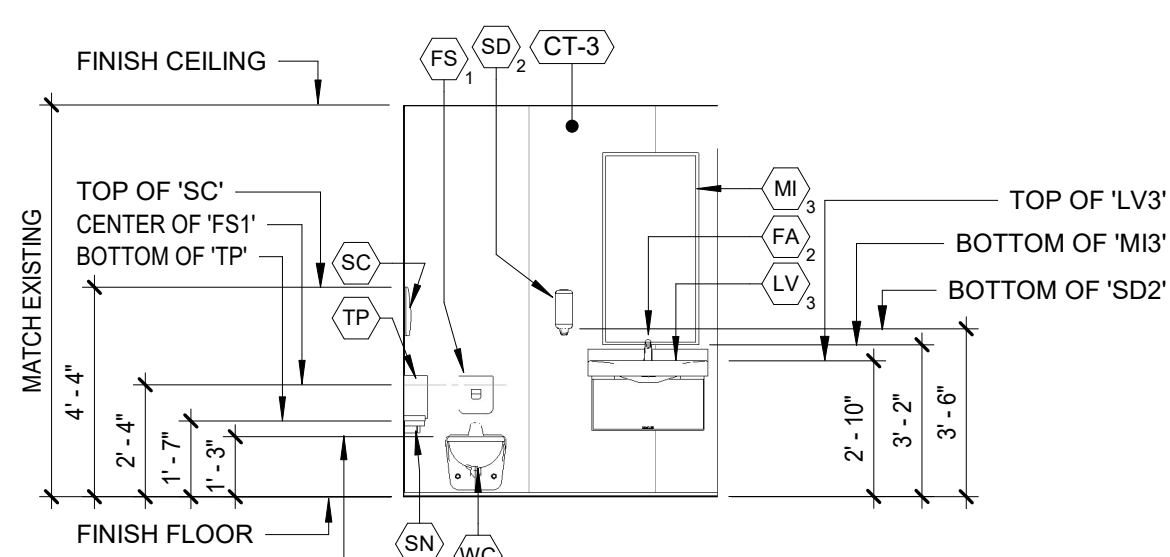
11 ELEVATION - 2ND FL UNISEX BATHROOM 'B' - S  
1/4" = 1'-0"



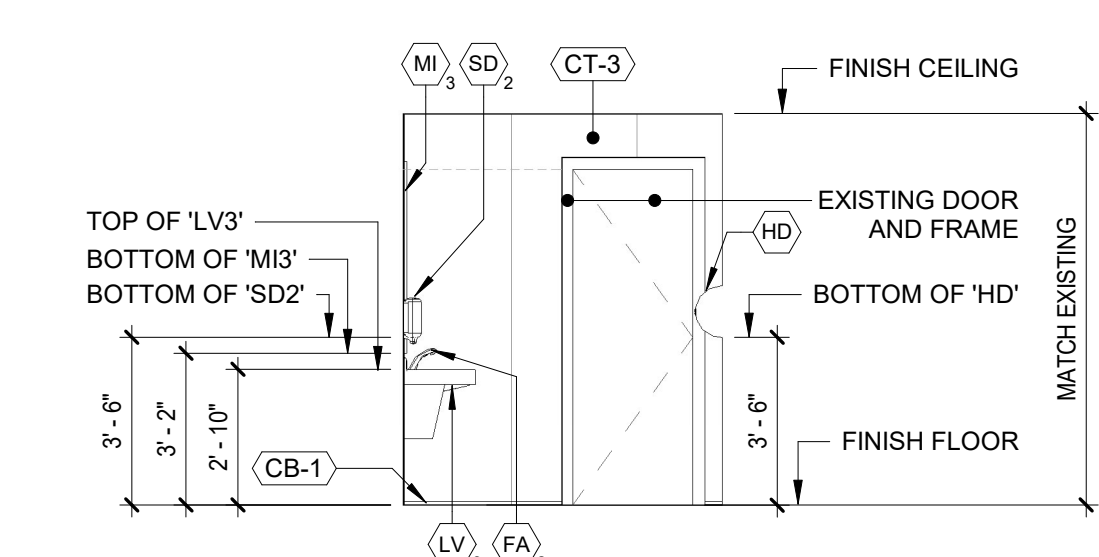
12 ELEVATION - 2ND FL UNISEX BATHROOM 'B' - W  
1/4" = 1'-0"



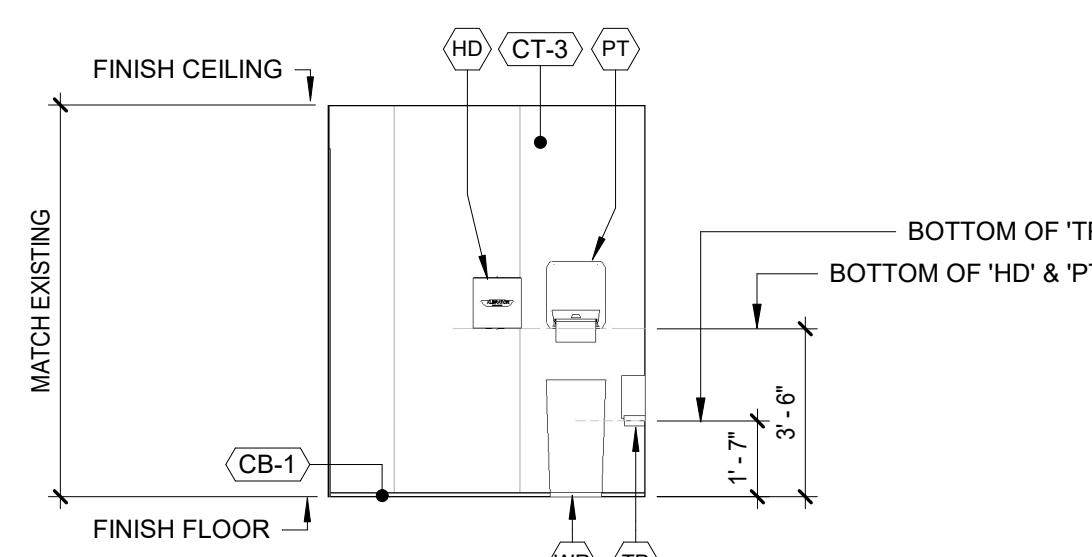
13 ELEVATION - 2ND FL UNISEX BATHROOM 'A' - N  
1/4" = 1'-0"



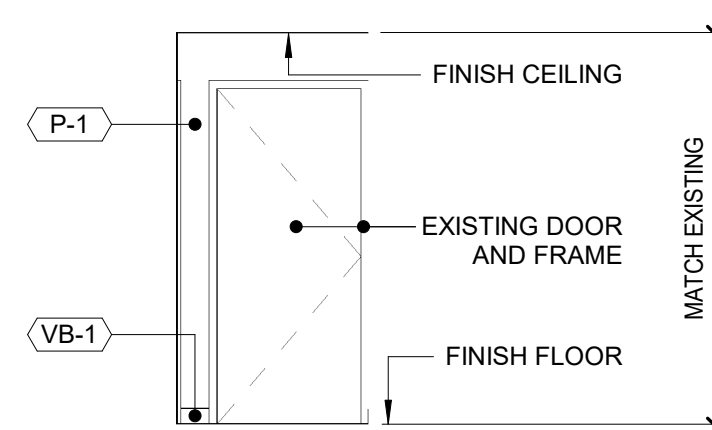
14 ELEVATION - 2ND FL UNISEX BATHROOM 'A' - E  
1/4" = 1'-0"



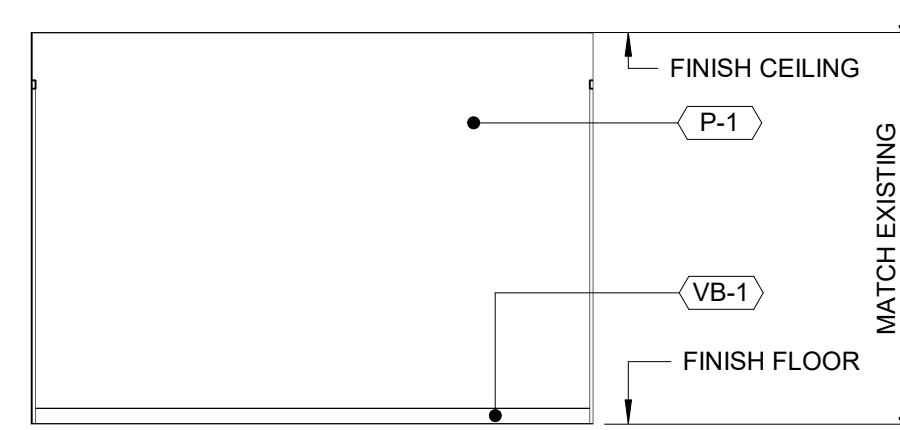
15 ELEVATION - 2ND FL UNISEX BATHROOM 'A' - S  
1/4" = 1'-0"



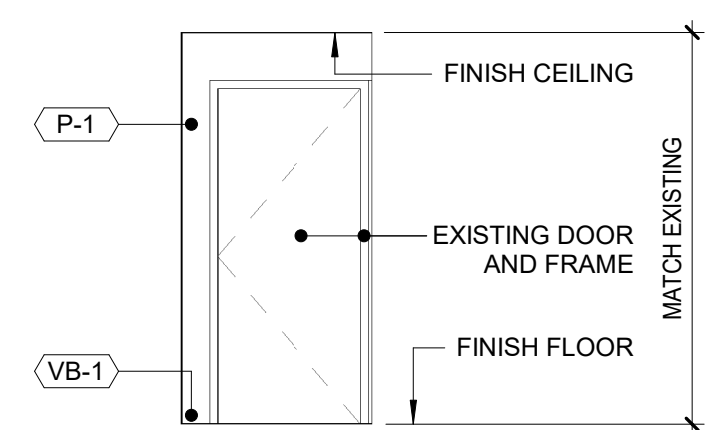
16 ELEVATION - 2ND FL UNISEX BATHROOM 'A' - W  
1/4" = 1'-0"



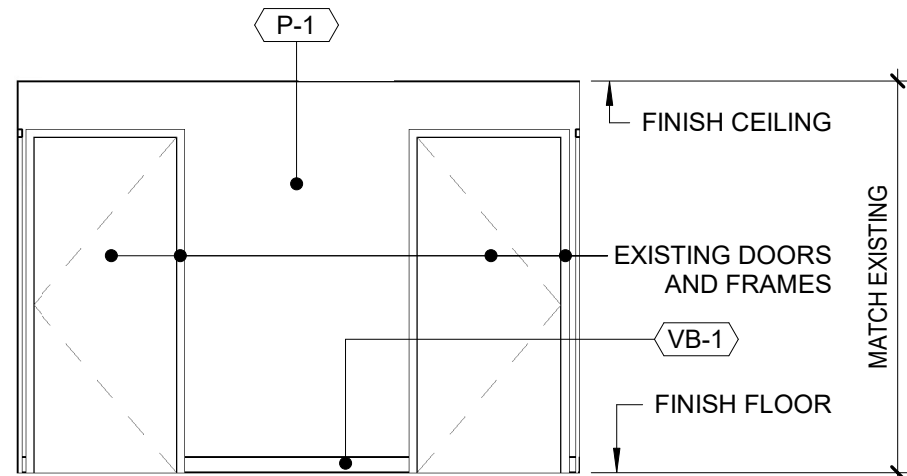
17 ELEVATION - 1ST FL RESTROOM HALLWAY - W  
1/4" = 1'-0"



18 ELEVATION - 1ST FL RESTROOM HALLWAY - N  
1/4" = 1'-0"



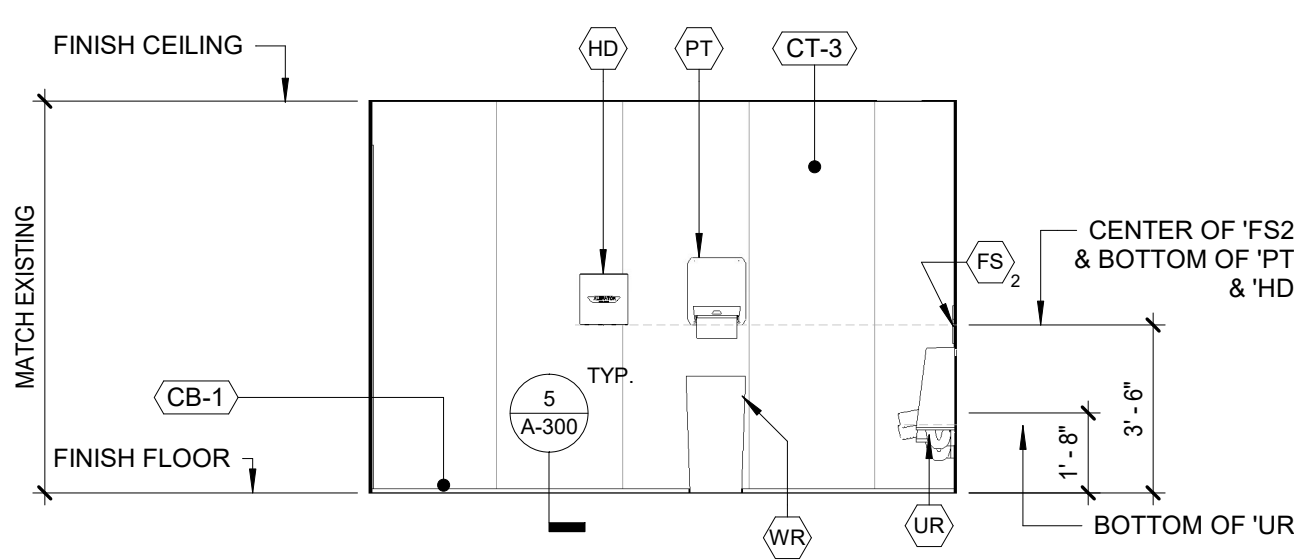
19 ELEVATION - 1ST FL RESTROOM HALLWAY - E  
1/4" = 1'-0"



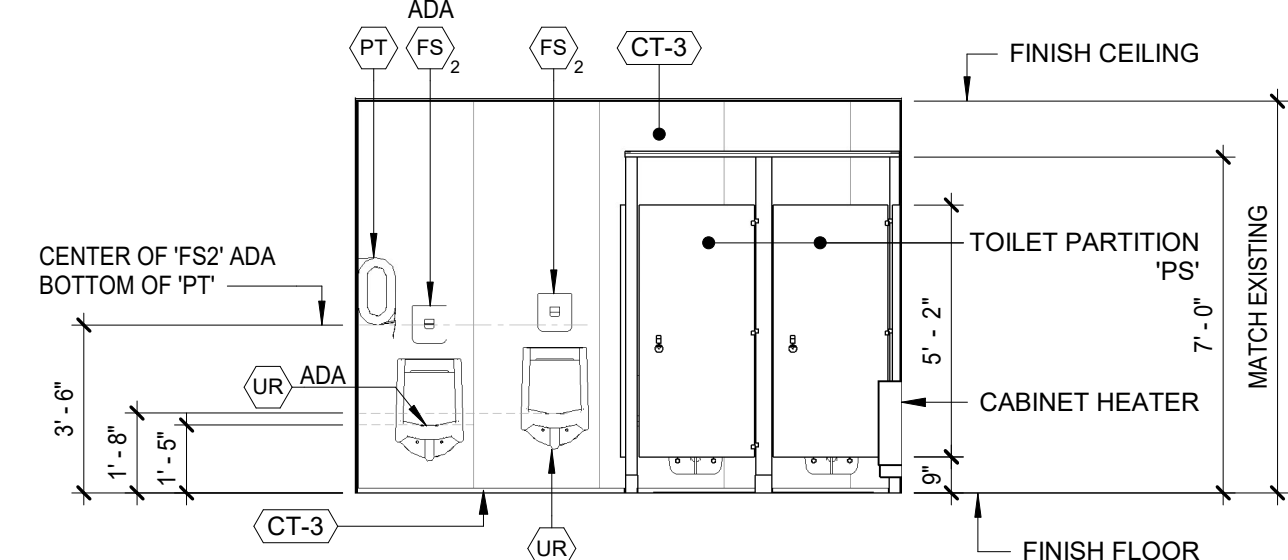
20 ELEVATION - 1ST FL RESTROOM HALLWAY - S  
1/4" = 1'-0"

- NOTES:**
- SEE A-304 FOR FINISH SCHEDULE.
  - SEE A-120 FOR PLUMBING SCHEDULE.

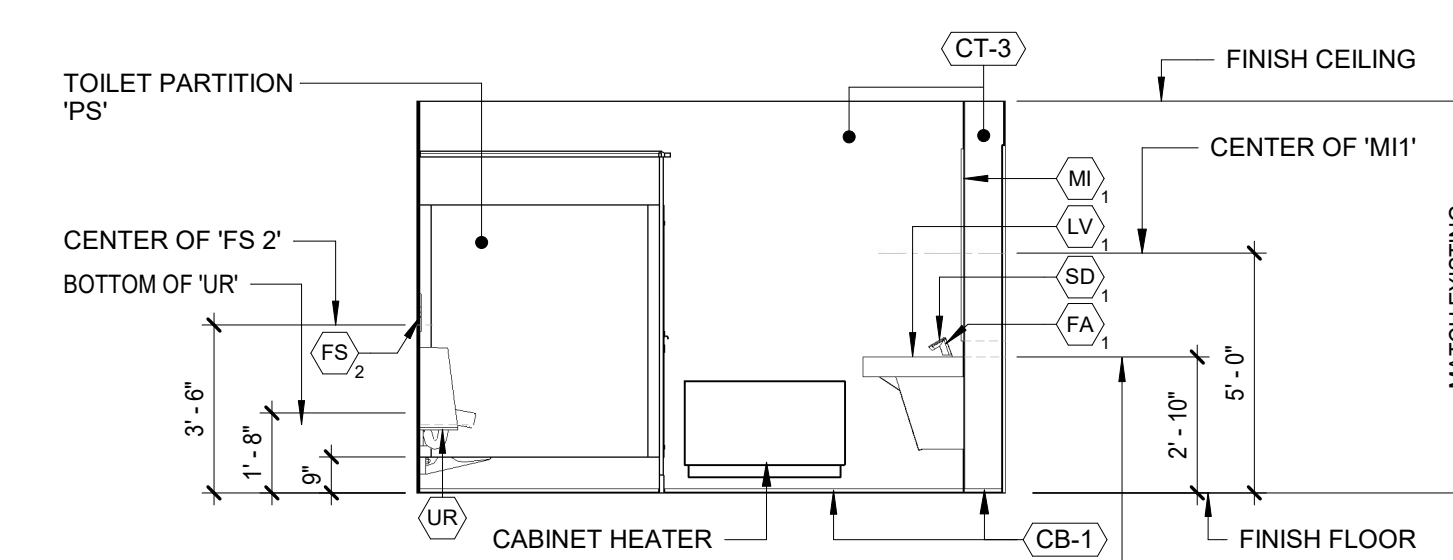
		<b>CONSULTANT INFORMATION</b> <b>Graff &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989		
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES				
<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____		<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING				CONTRACT NUMBER 20-502 SHEET NO. 47 OF 133 SCALE: 1/4" = 1'-0" DATE: 01-19-2024 Issue Date DPW FILE NO. REV NO. 52-11-A-1859-0



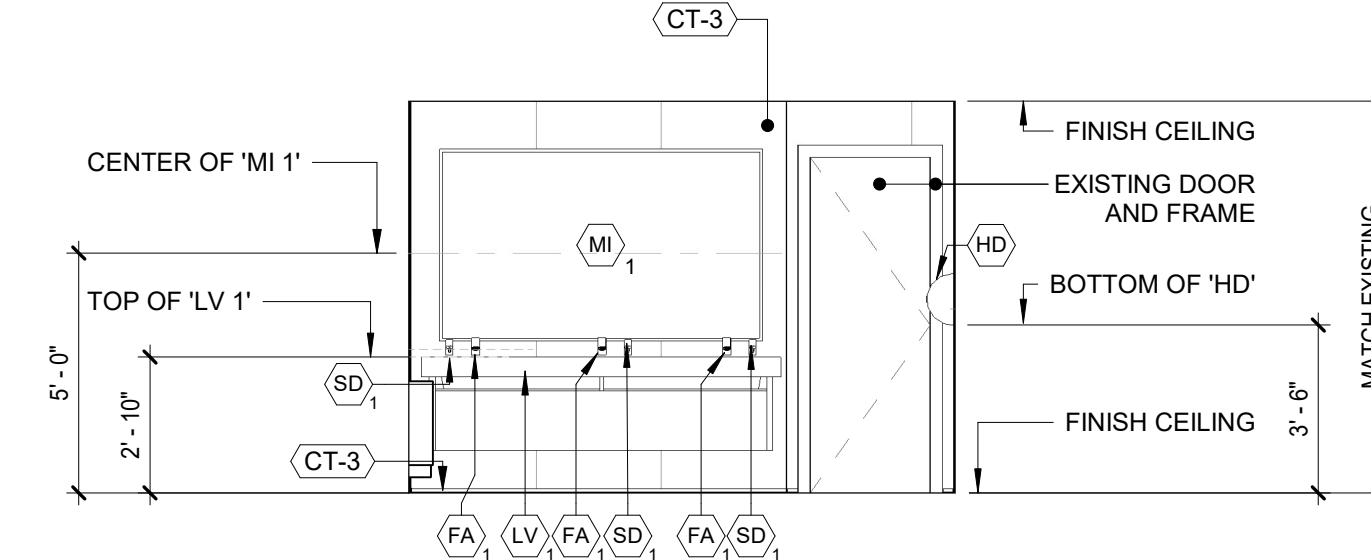
1 ELEVATION - 2ND FL PUBLIC MEN'S RESTROOM - W1  
1/4" = 1'-0"



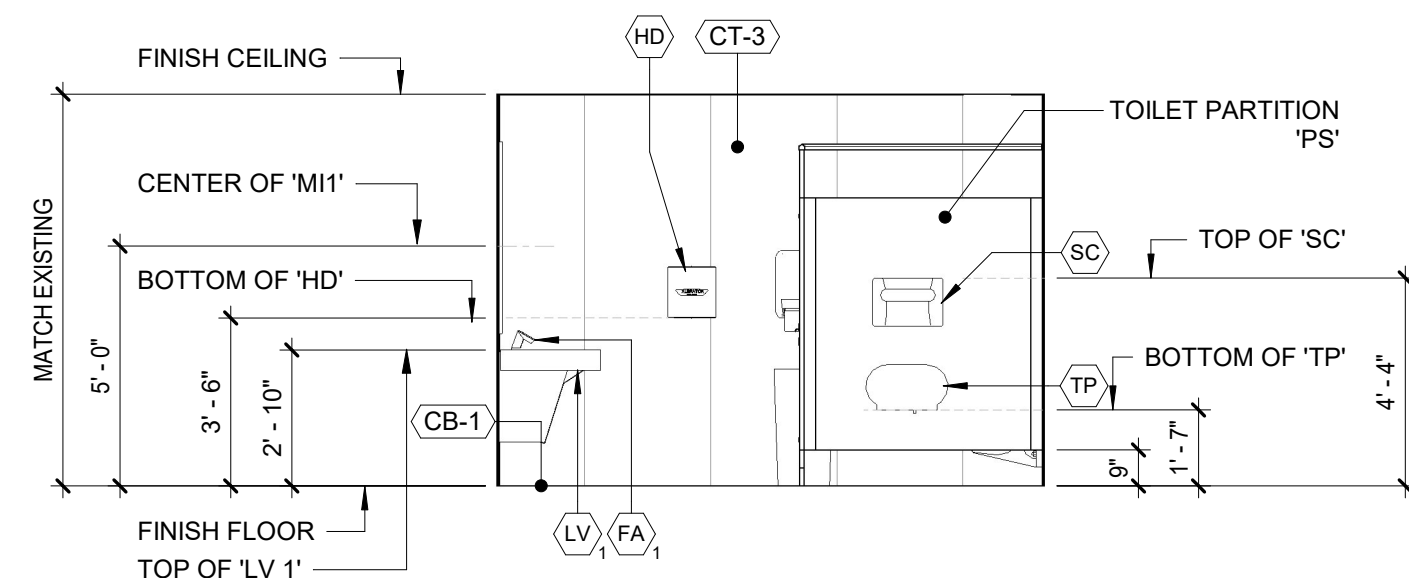
2 ELEVATION - 2ND FL PUBLIC MEN'S RESTROOM - N1  
1/4" = 1'-0"



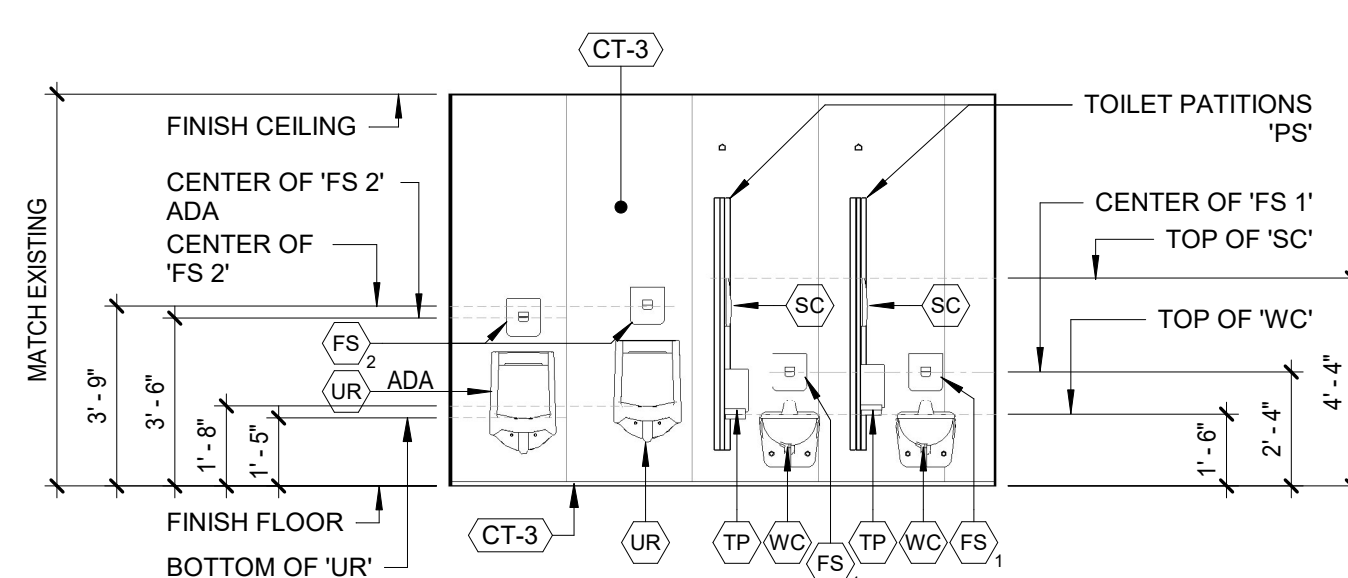
3 ELEVATION - 2ND FL PUBLIC MEN'S RESTROOM - E1  
1/4" = 1'-0"



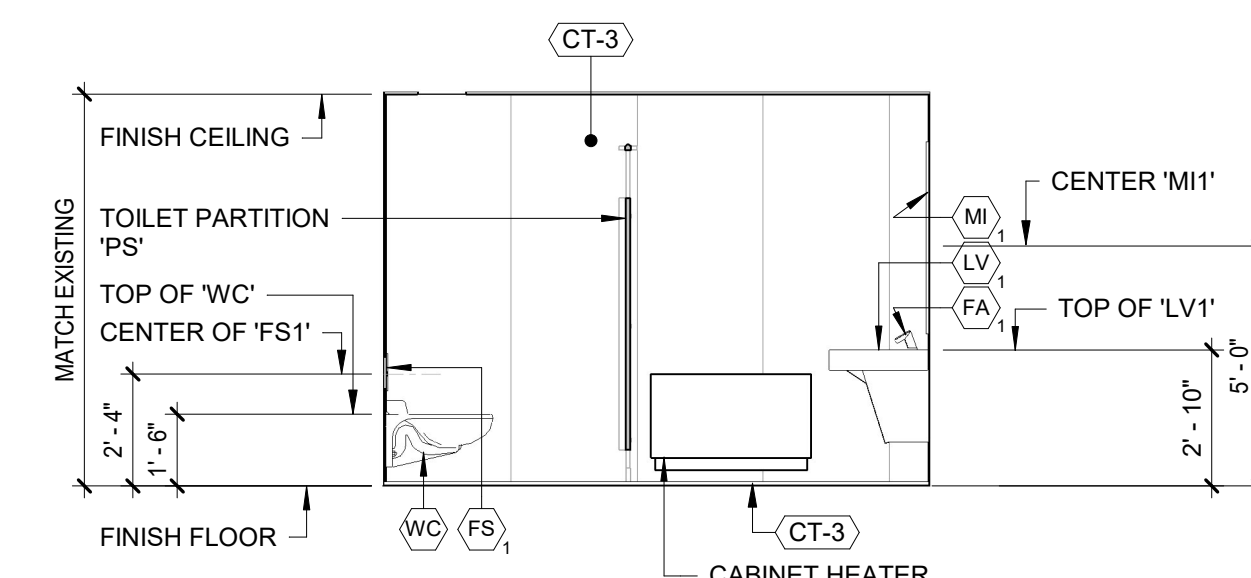
4 ELEVATION - 2ND FL PUBLIC MEN'S RESTROOM - S  
1/4" = 1'-0"



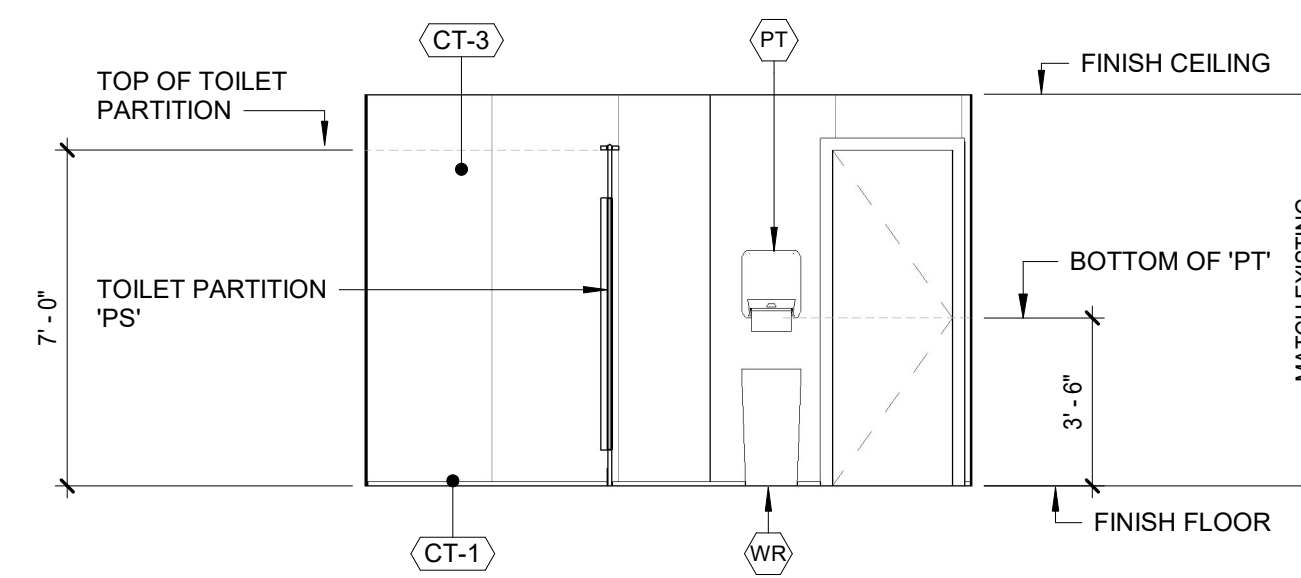
5 ELEVATION - 2ND FL PUBLIC MEN'S RESTROOM - W2  
1/4" = 1'-0"



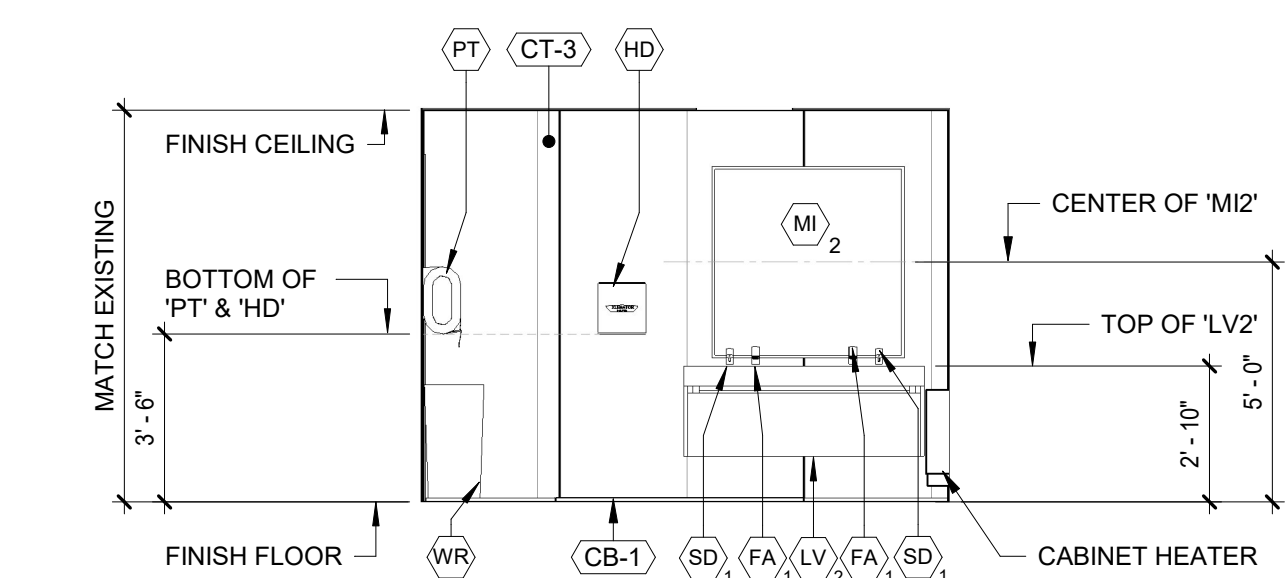
6 ELEVATION - 2ND FL PUBLIC MEN'S RESTROOM - N2  
1/4" = 1'-0"



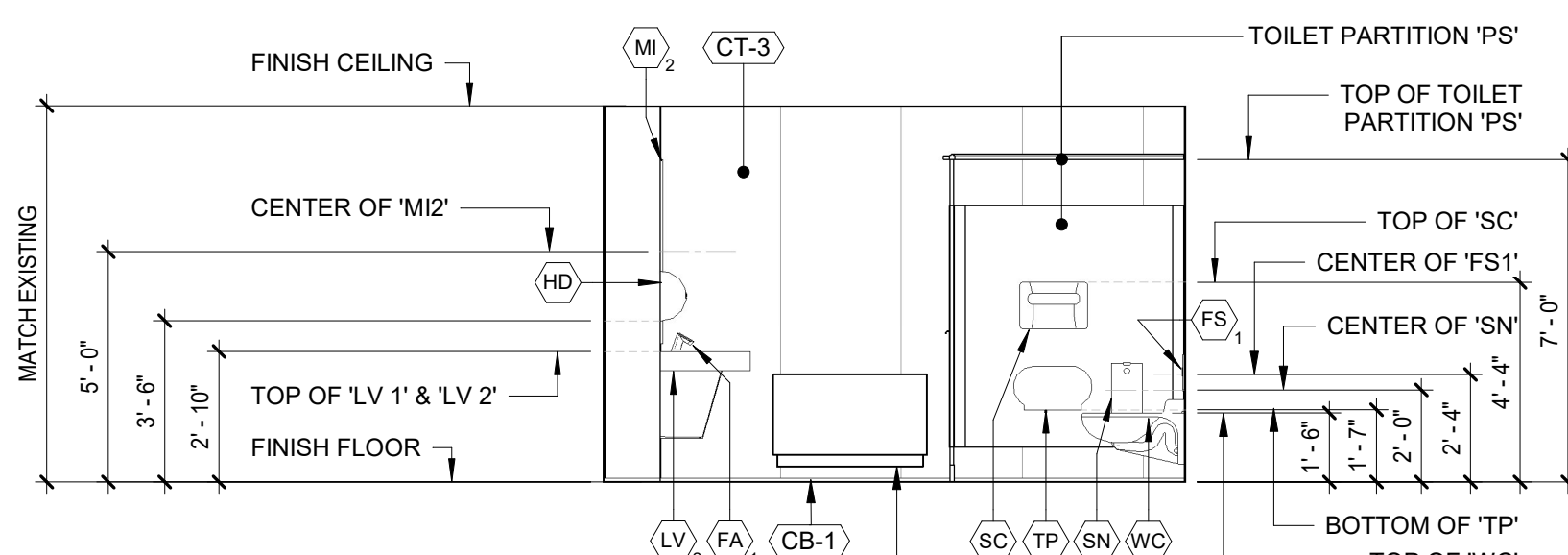
7 ELEVATION - 2ND FL PUBLIC MEN'S RESTROOM - E2  
1/4" = 1'-0"



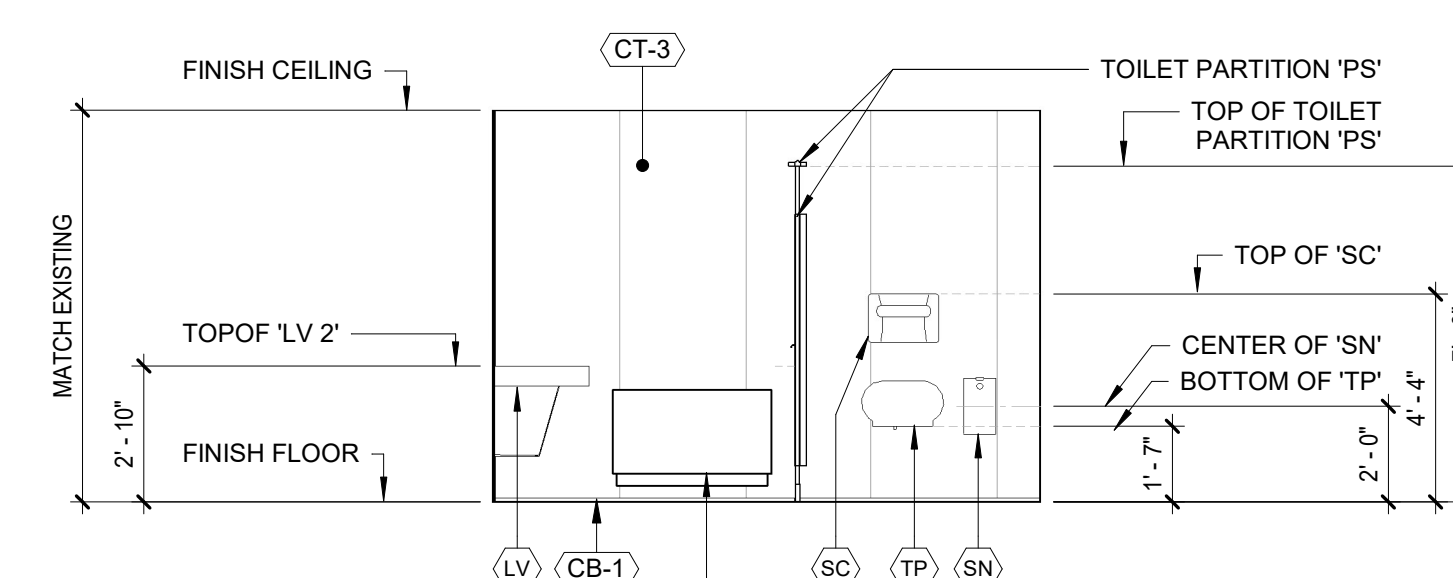
8 ELEVATION - 2ND FL PUBLIC WOMEN'S RESTROOM - W  
1/4" = 1'-0"



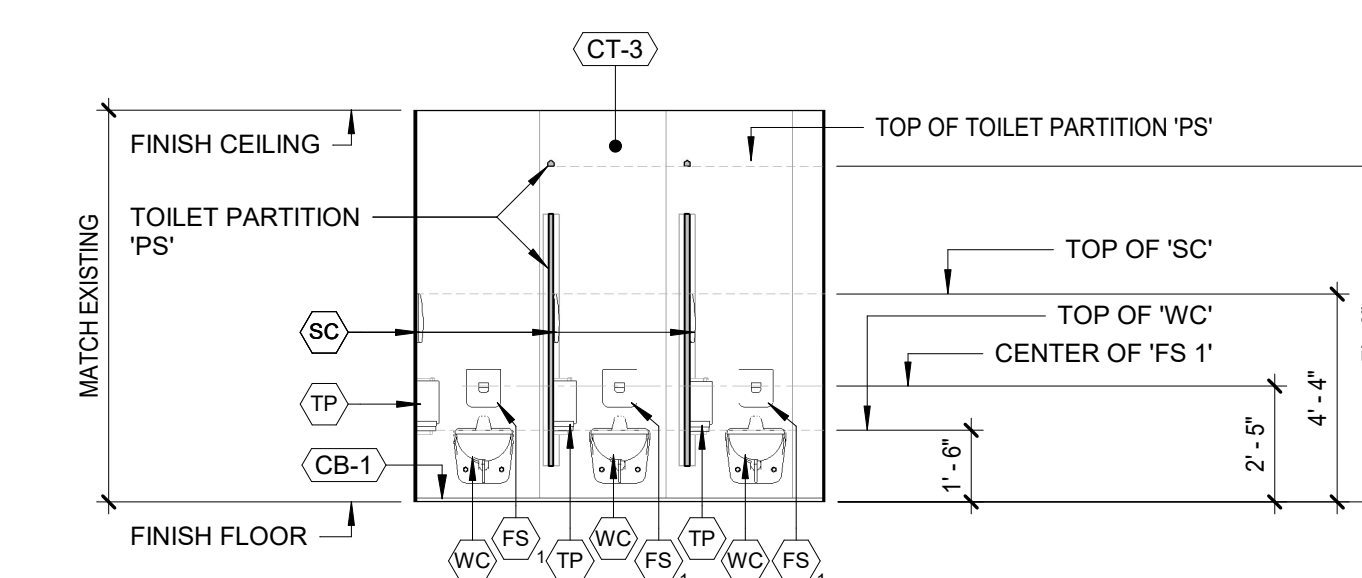
9 ELEVATION - 2ND FL PUBLIC WOMEN'S RESTROOM - N  
1/4" = 1'-0"



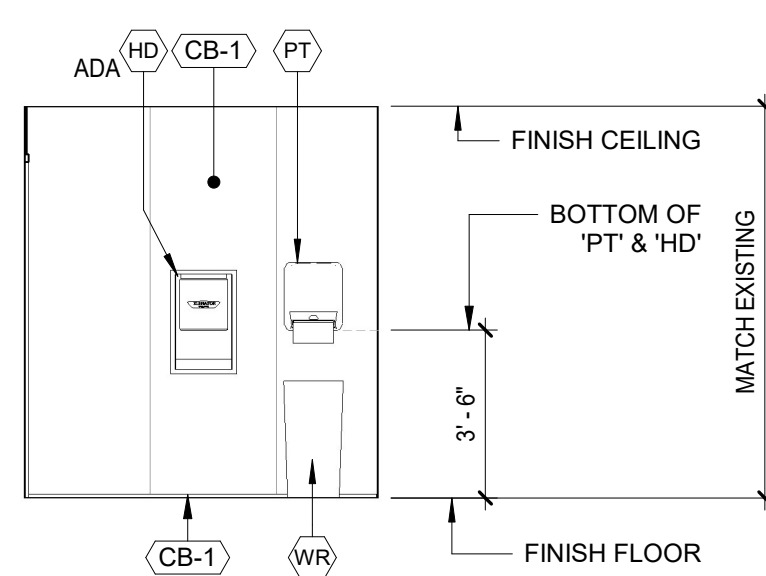
10 ELEVATION - 2ND FL PUBLIC WOMEN'S RESTROOM - E1  
1/4" = 1'-0"



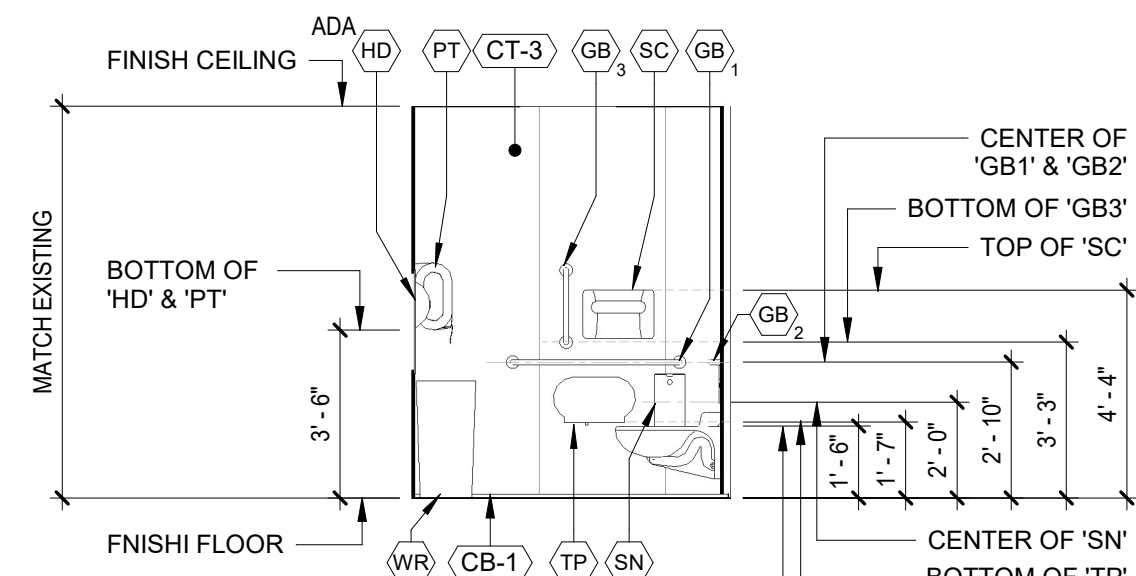
11 ELEVATION - 2ND FL PUBLIC WOMEN'S RESTROOM - E2  
1/4" = 1'-0"



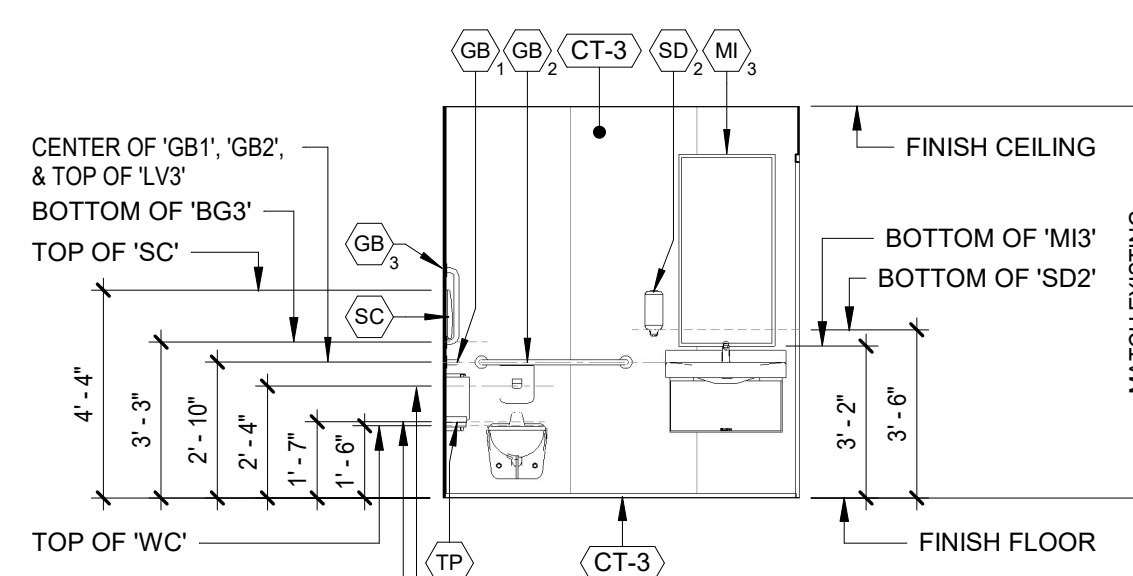
12 ELEVATION - 2ND FL PUBLIC WOMEN'S RESTROOM - S  
1/4" = 1'-0"



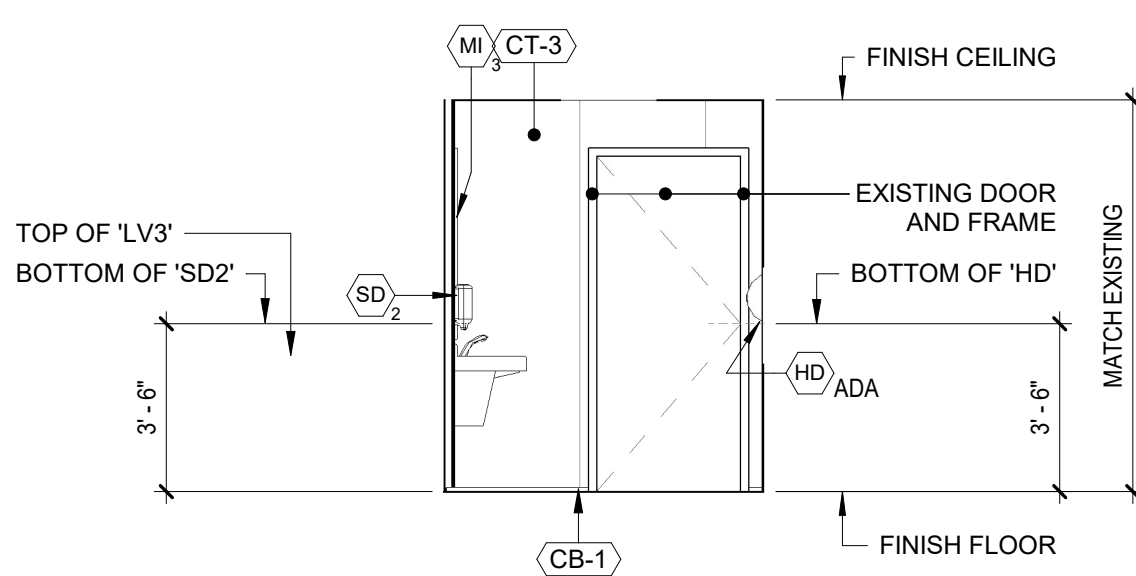
13 ELEVATION - 2ND FL UNISEX ADA RESTROOM - N  
1/4" = 1'-0"



14 ELEVATION - 2ND FL UNISEX ADA RESTROOM - E  
1/4" = 1'-0"



15 ELEVATION - 2ND FL UNISEX ADA RESTROOM - S  
1/4" = 1'-0"



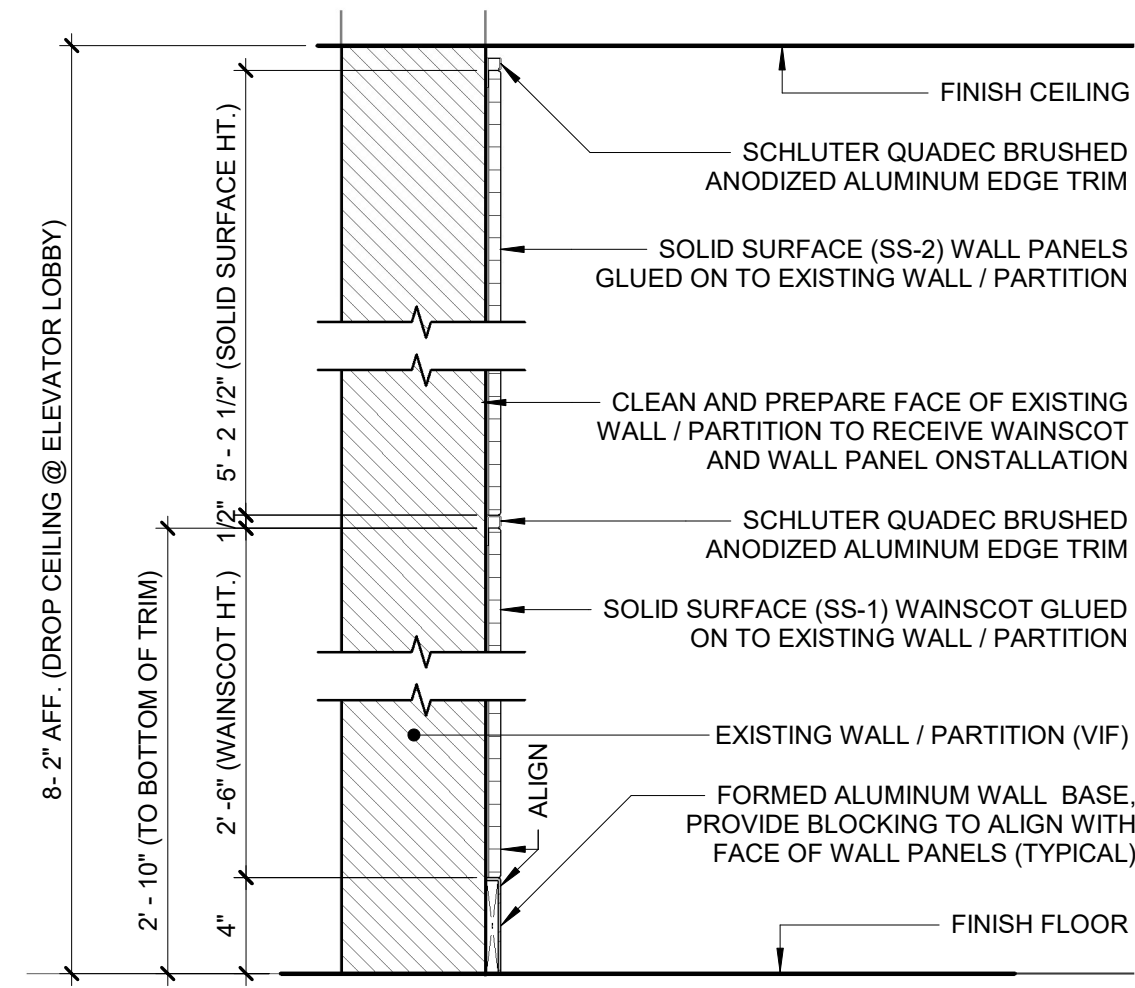
16 ELEVATION - 2ND FL UNISEX ADA RESTROOM - W  
1/4" = 1'-0"

**NOTES:**

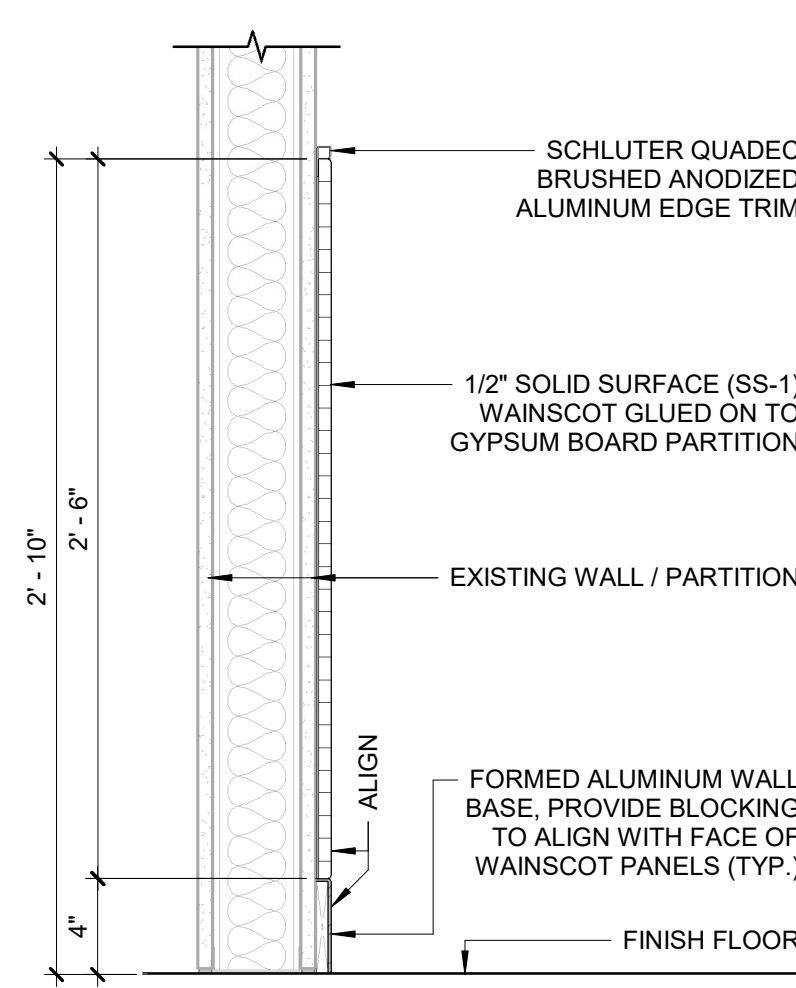
- SEE A-304 FOR FINISH SCHEDULE.
- SEE A-120 FOR PLUMBING SCHEDULE.

		<b>CONTRACTOR INFORMATION</b> <b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989		
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES				
CONTRACTOR		CONTRACTOR		
NAME:	NAME:	DATE:	TITLE:	DATE:
SIGNATURE:	SIGNATURE:			
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	A-206	
DIVISION OF ENGINEERING		SHEET NO.	OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE:	1/4" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE:	01-19-2024	
WHITE PLAINS, NEW YORK		ISSUE DATE		
INTERIOR ELEVATIONS 2ND FLOOR - RESTROOMS		DPW FILE NO.	REV NO.	
		52-11-A-1860-0		

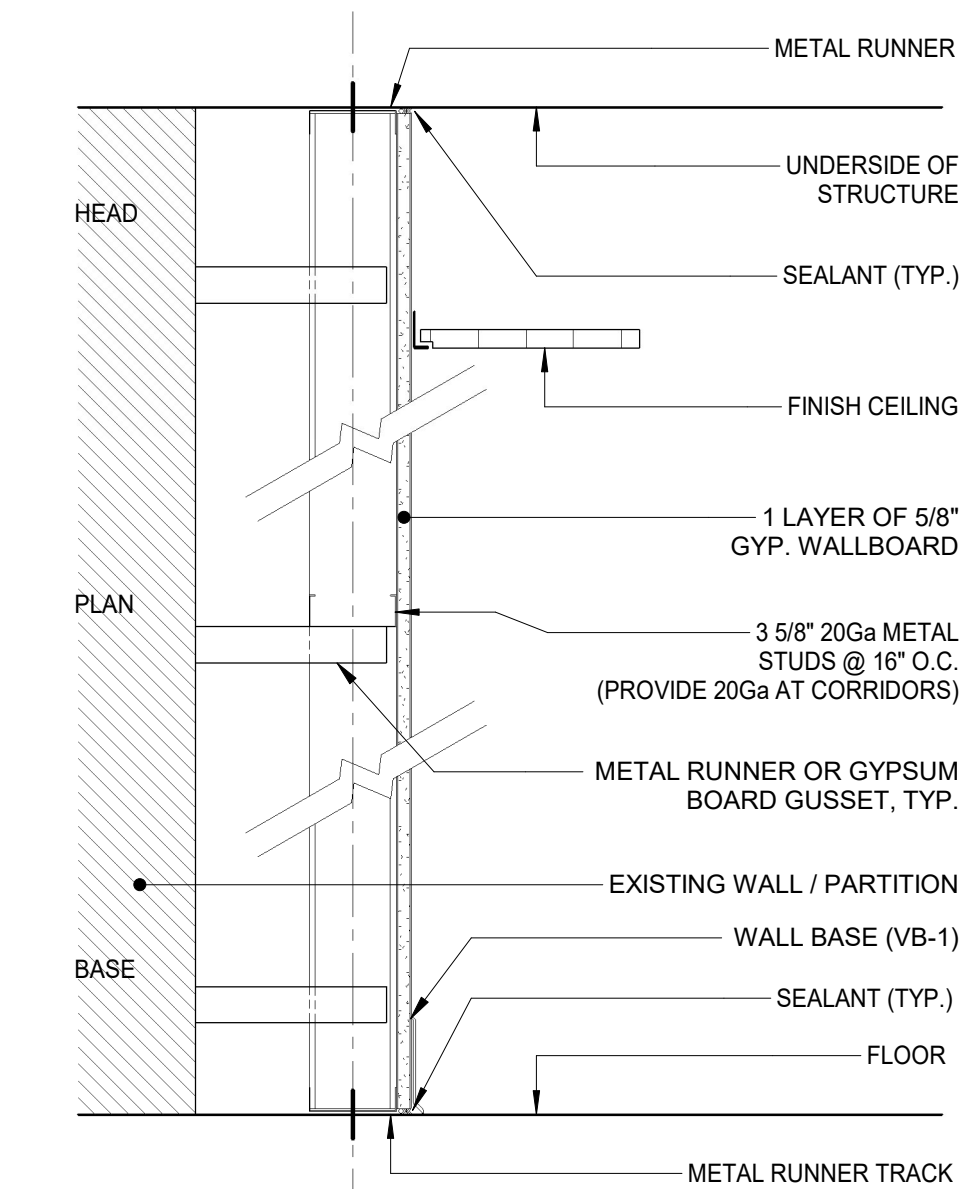




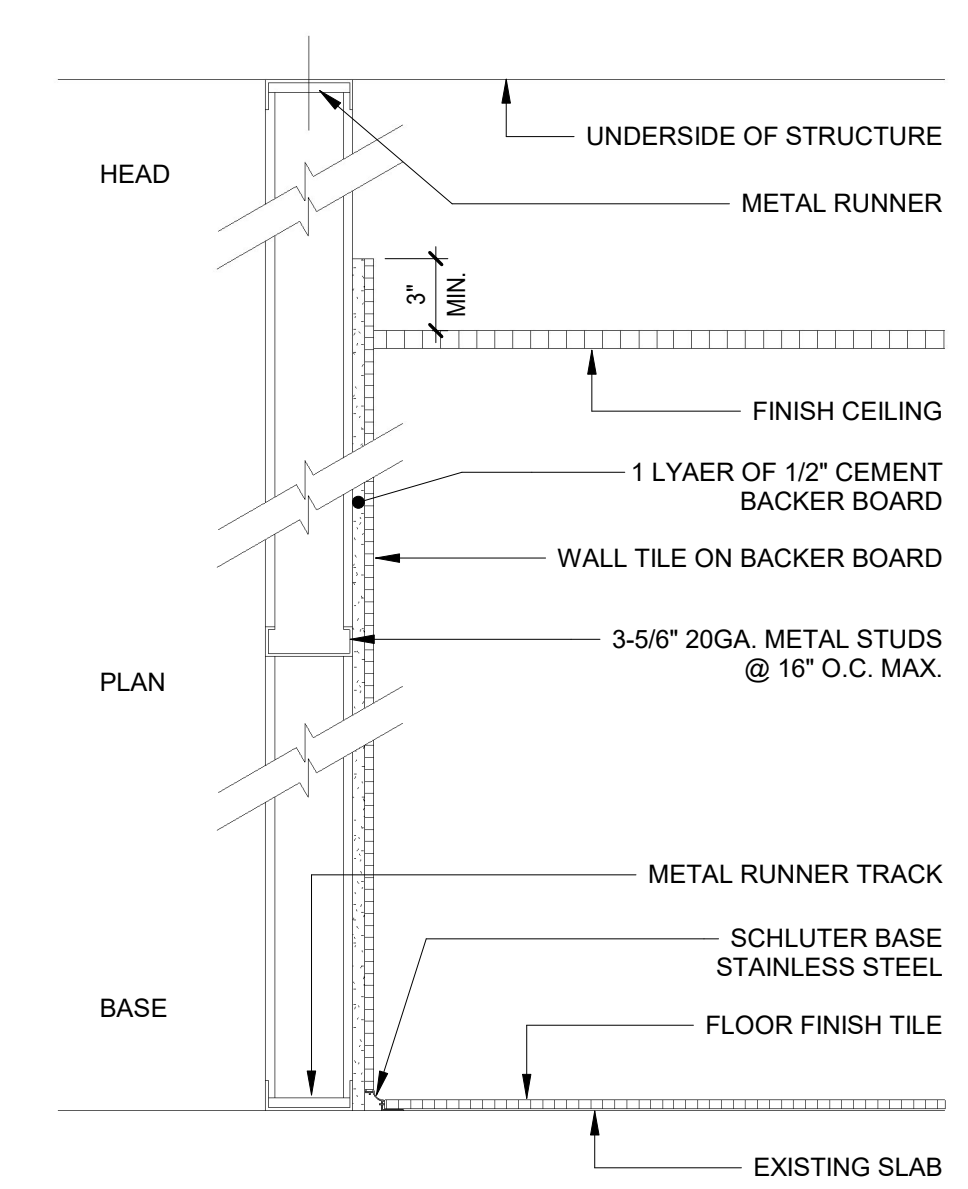
**1 WALL PANEL DTL. @ ELEVATOR LOBBY**  
 1 1/2" = 1'-0"



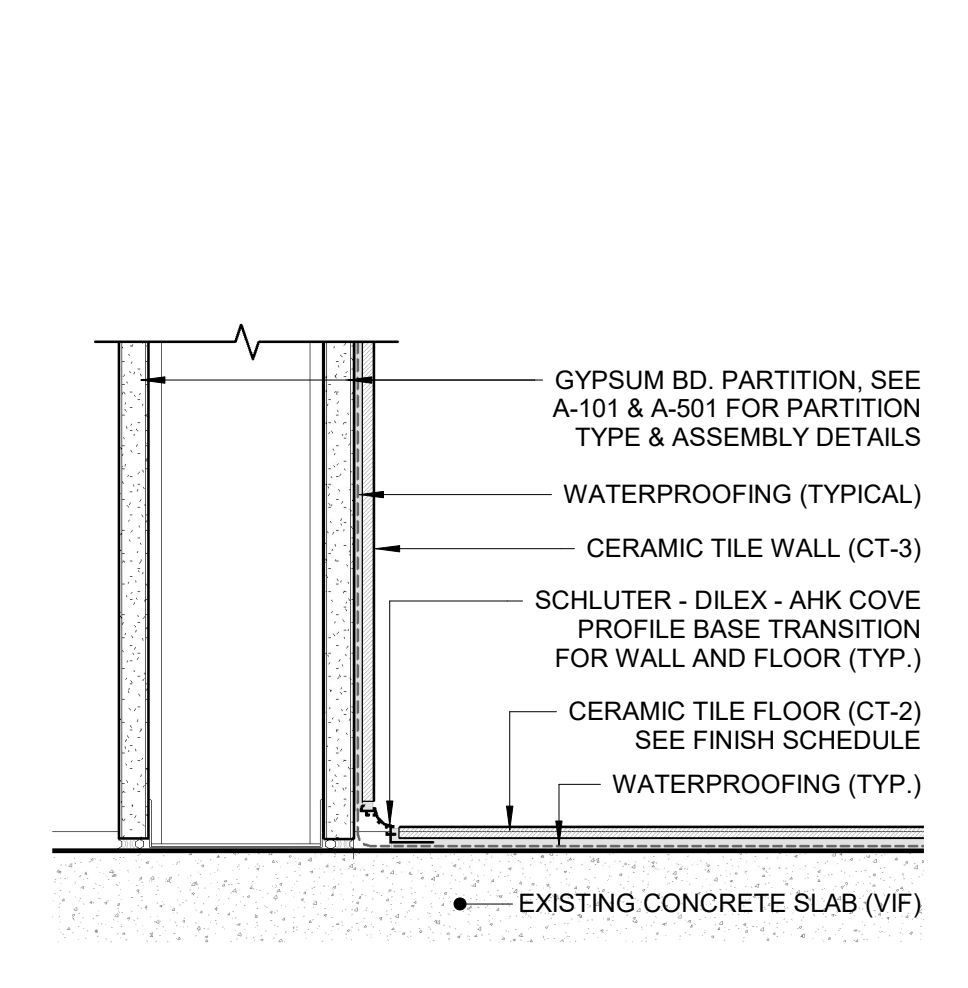
**2 TYP. WAINSCOT DETAIL**  
 1 1/2" = 1'-0"



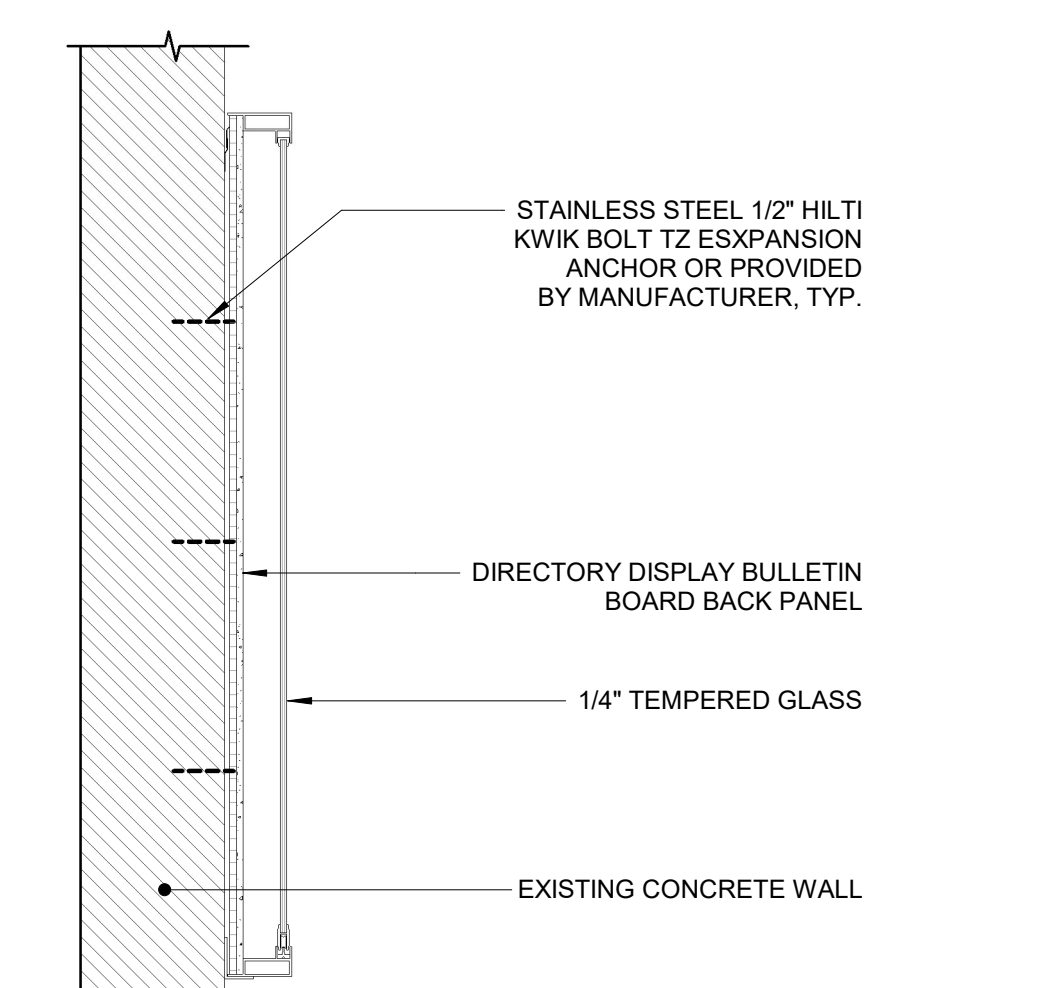
**3 GYPSUM BD. PARTITION**  
 1 1/2" = 1'-0"  
 FIRE ALARM PANEL PARTITION



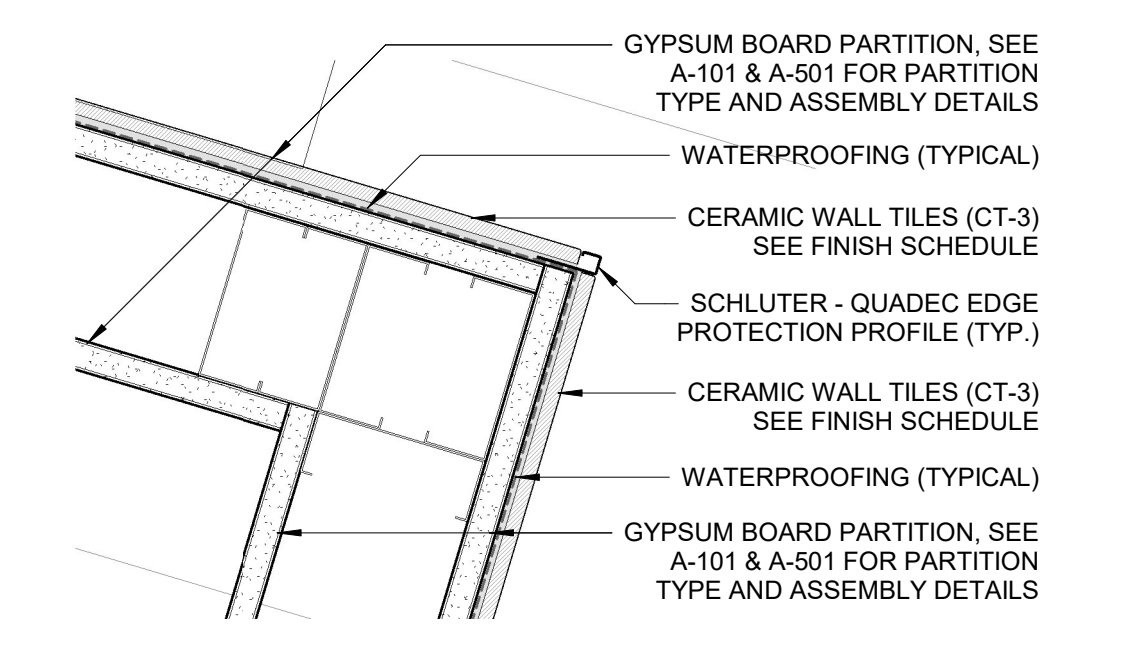
**4 CERAMIC TILE PARTITION**  
 1 1/2" = 1'-0"



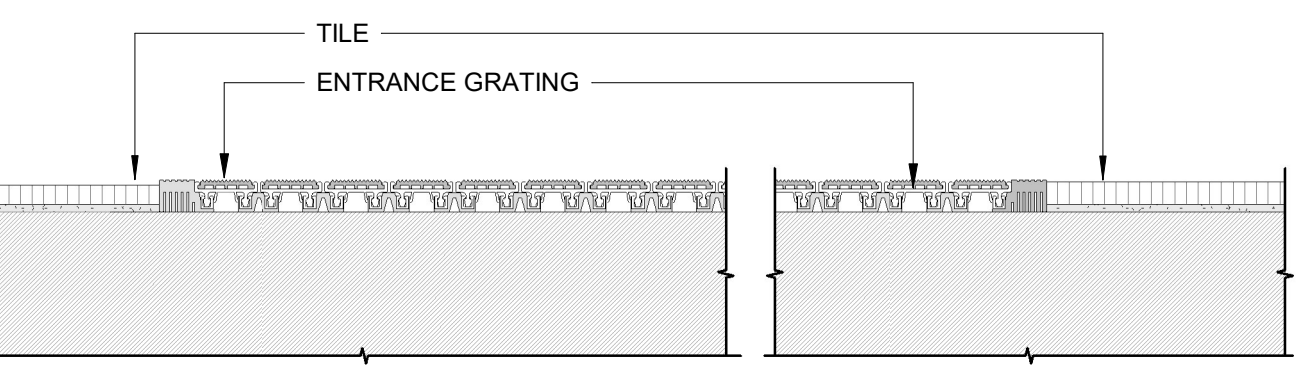
**5 DETAIL SECTION - COVE BASE**  
 3" = 1'-0"



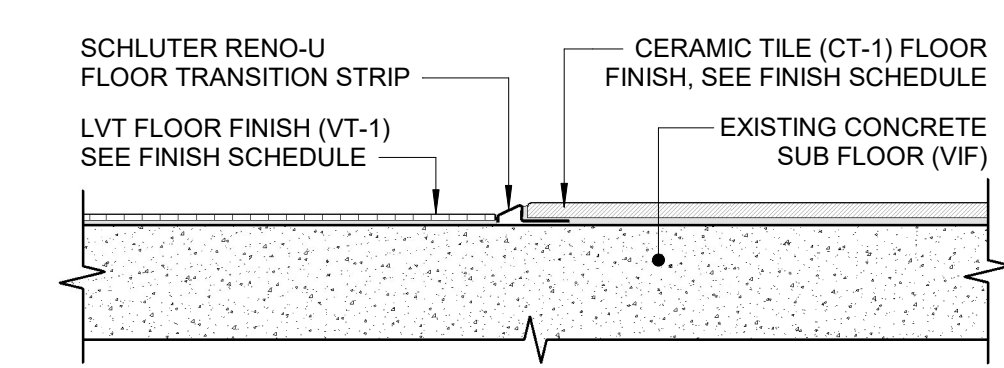
**6 BULLETIN BOARD MOUNTING DTL.**  
 1 1/2" = 1'-0"



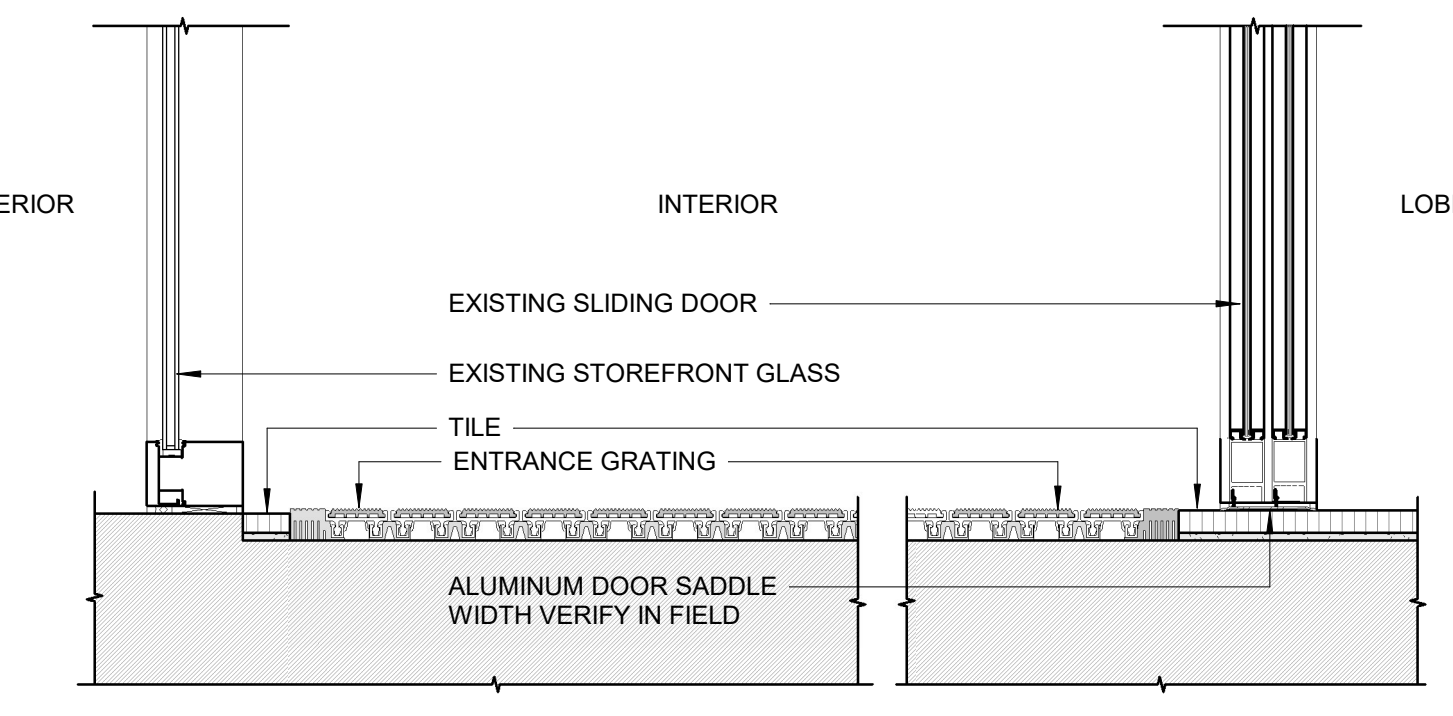
**7 EDGE DETAIL ON TILED WALLS**  
 3" = 1'-0"



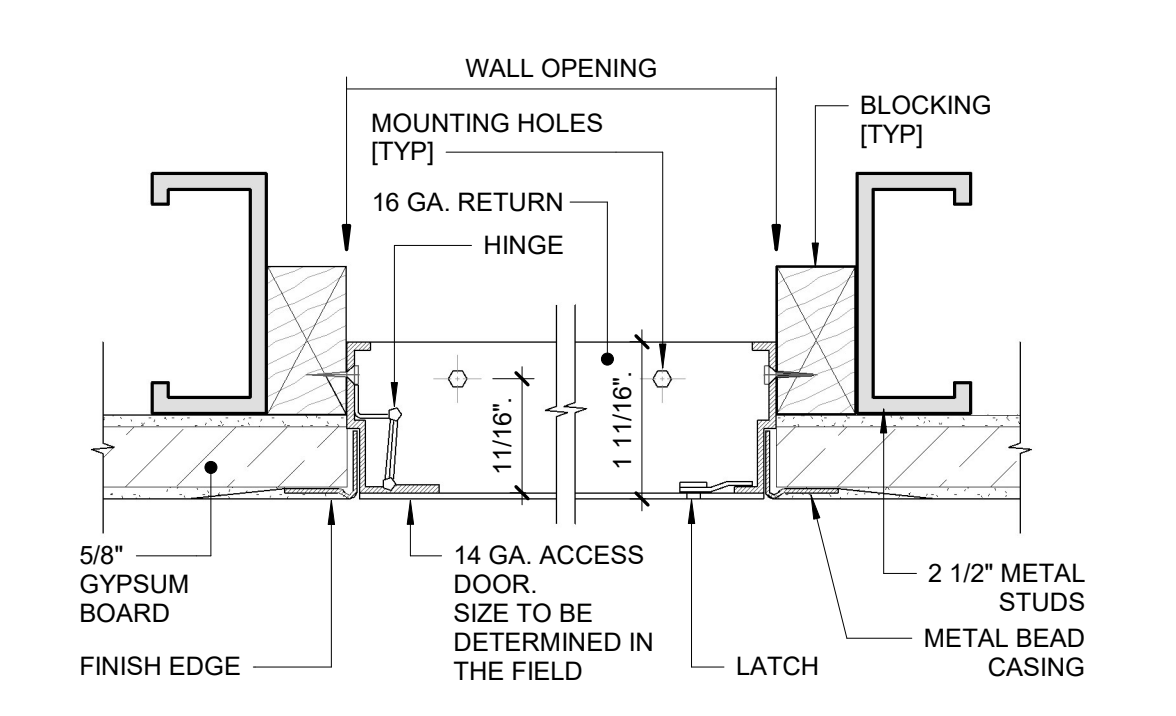
**8 TILE & GRATING DETAIL B**  
 1" = 1'-0"



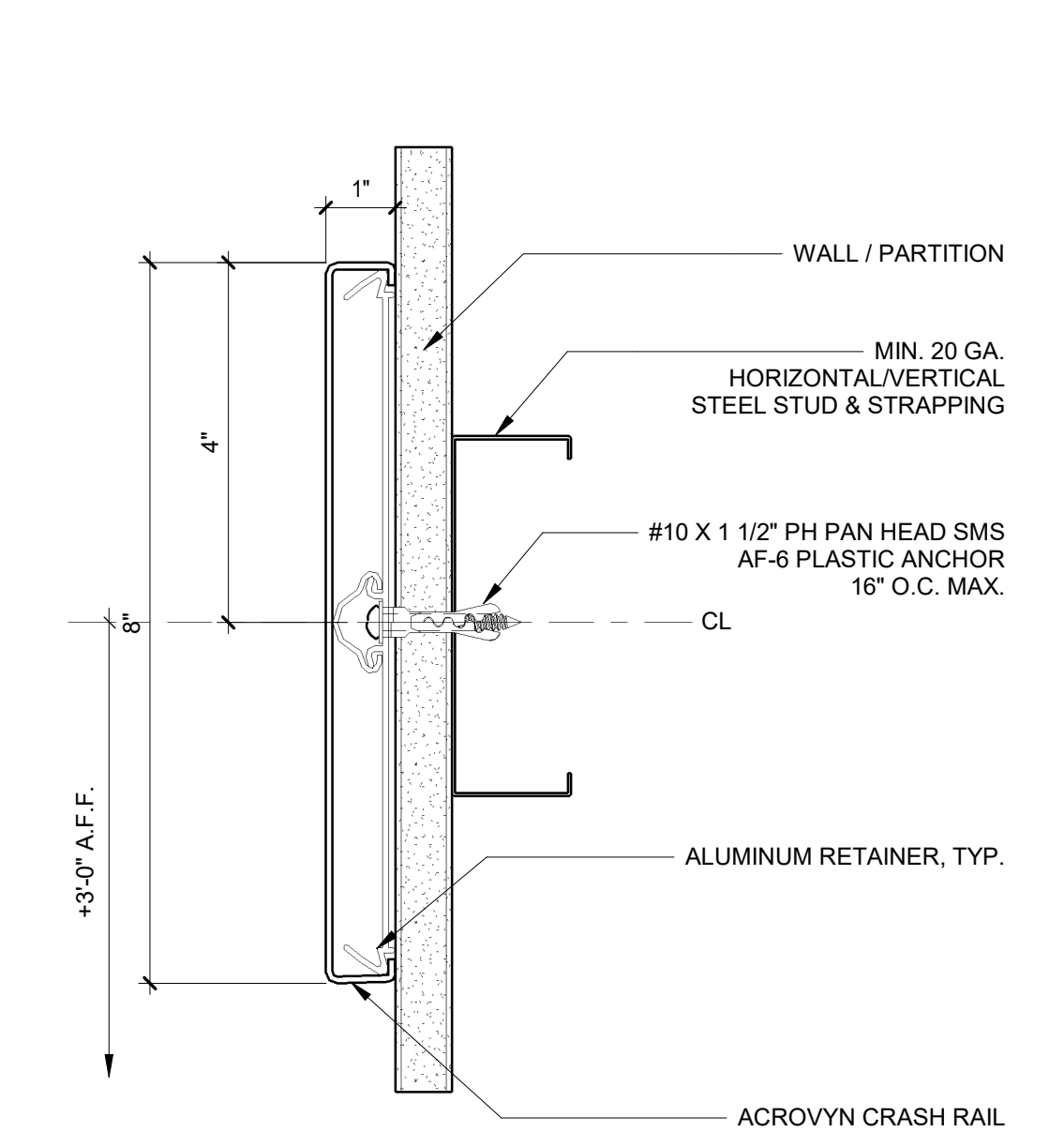
**9 FLOOR FINISH TRANSITION**  
 3" = 1'-0"



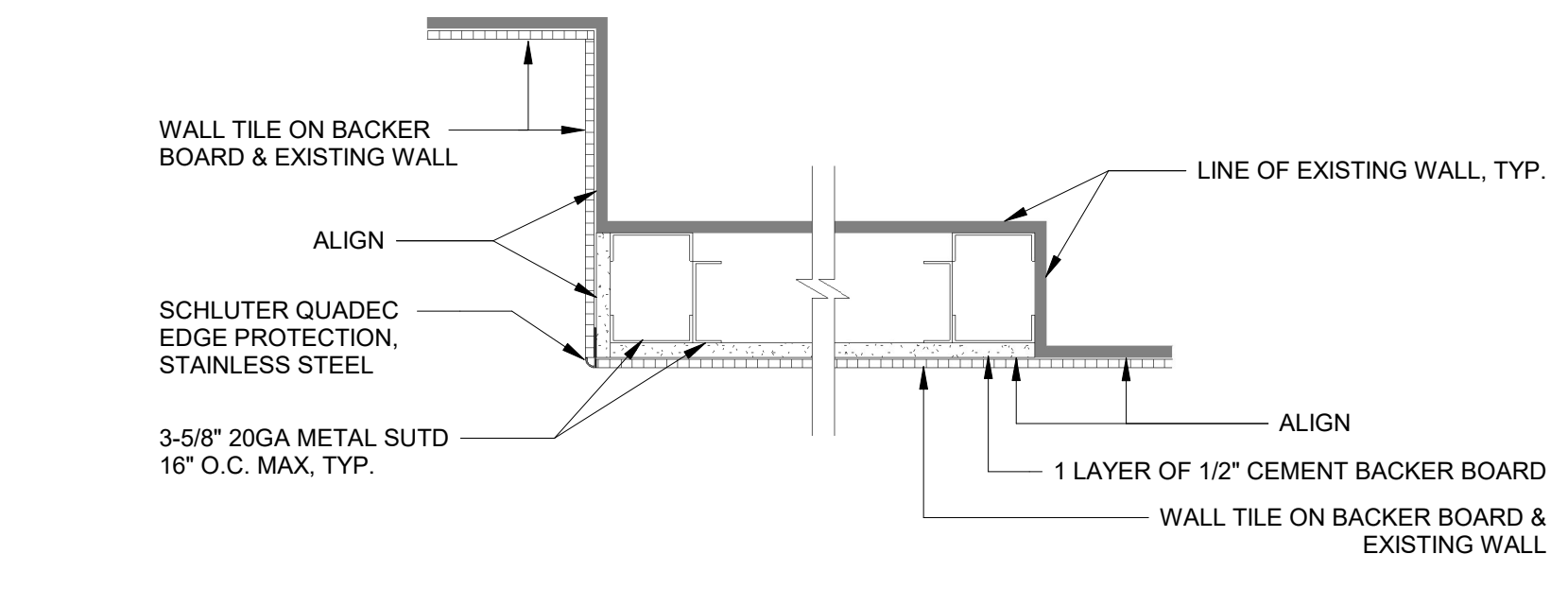
**10 TILE & GRATING DETAIL A**  
 1" = 1'-0"



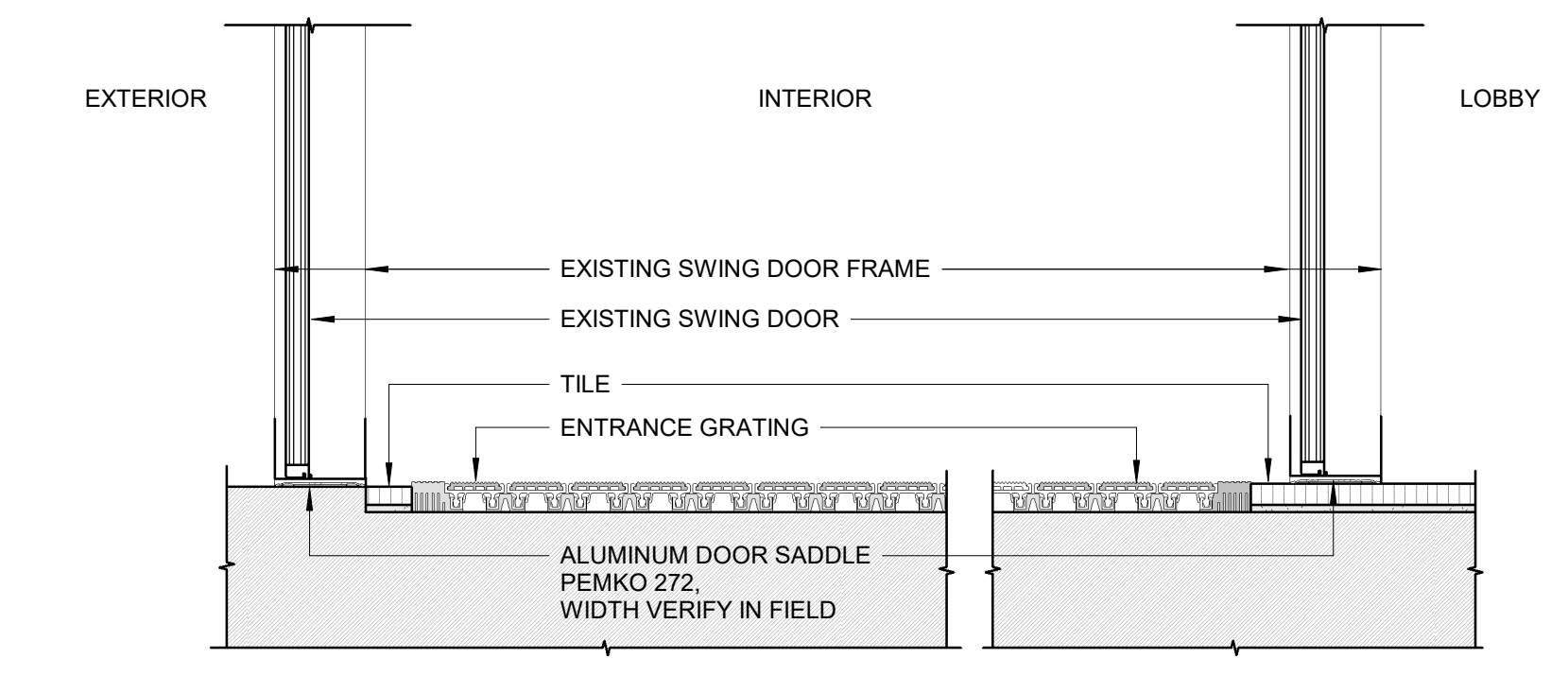
**11 ACCESS DOOR DETAIL**  
 6" = 1'-0"



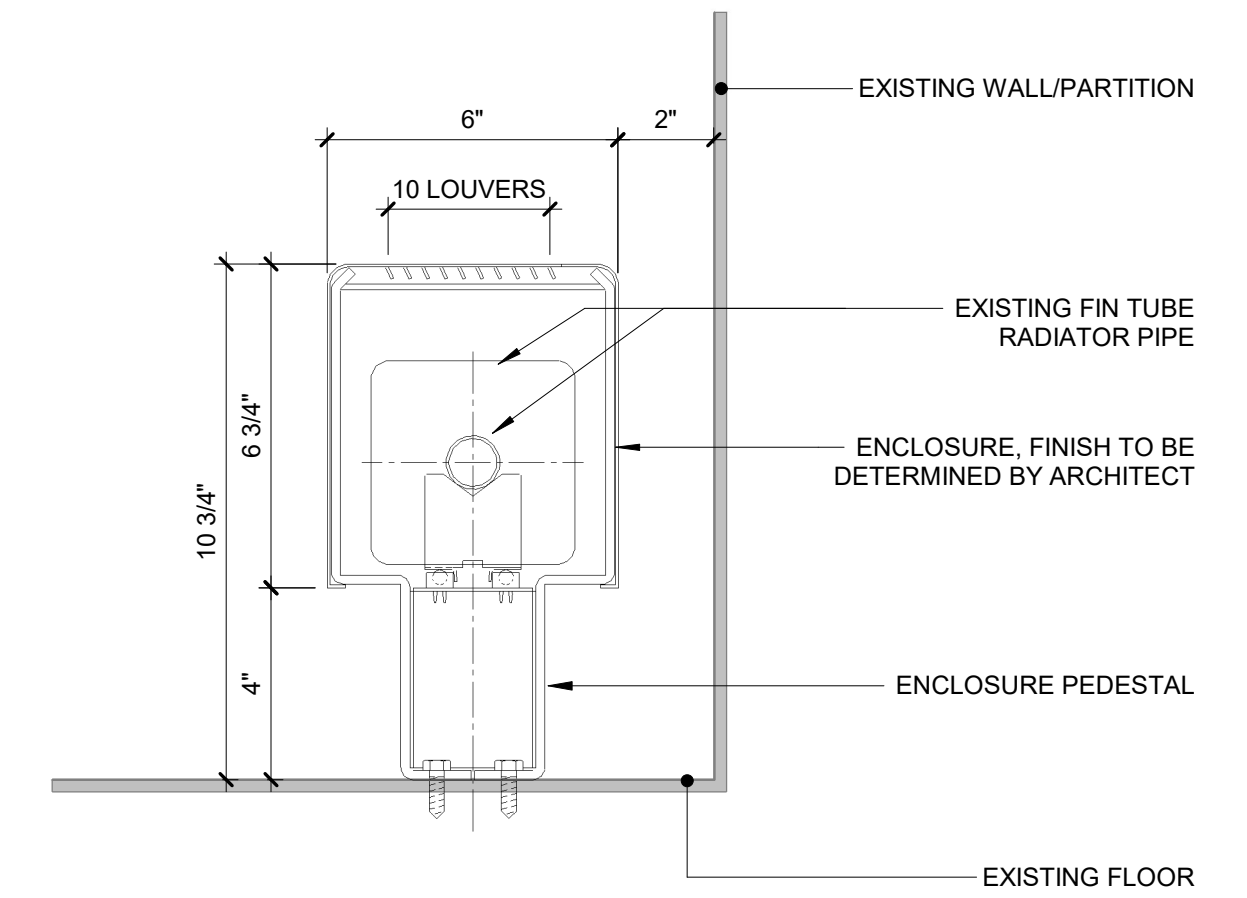
**12 TYP. CRASH RAIL DETAIL**  
 6" = 1'-0"



**13 WALL DETAIL PLAN @ 2ND FL PUB. RESTROOM**  
 1 1/2" = 1'-0"

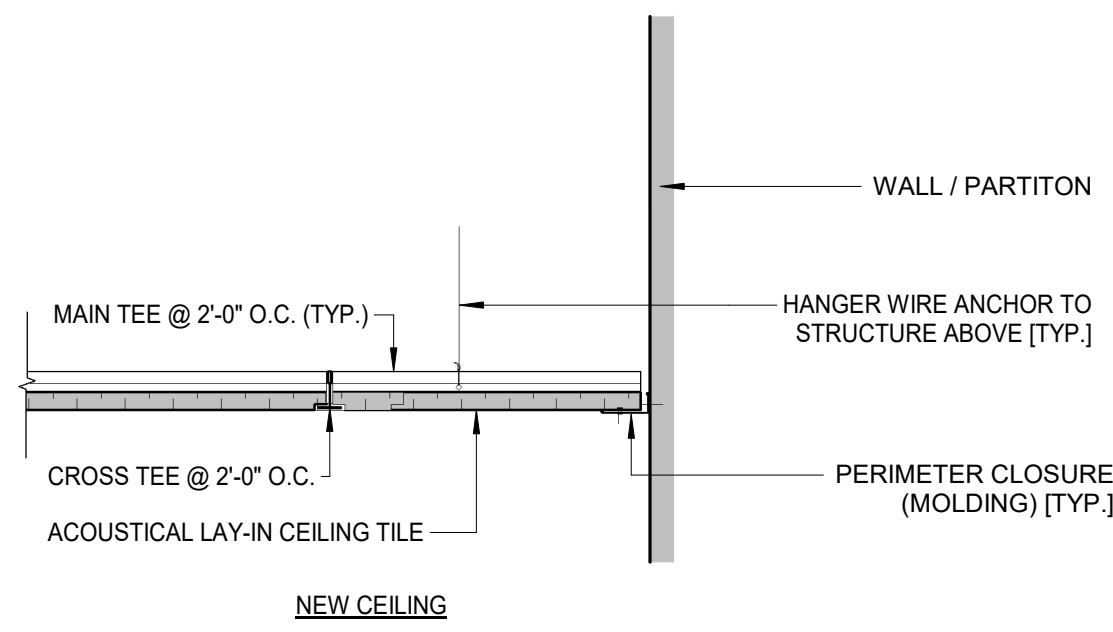


**14 TILE & GRATING DETAIL C**  
 1" = 1'-0"

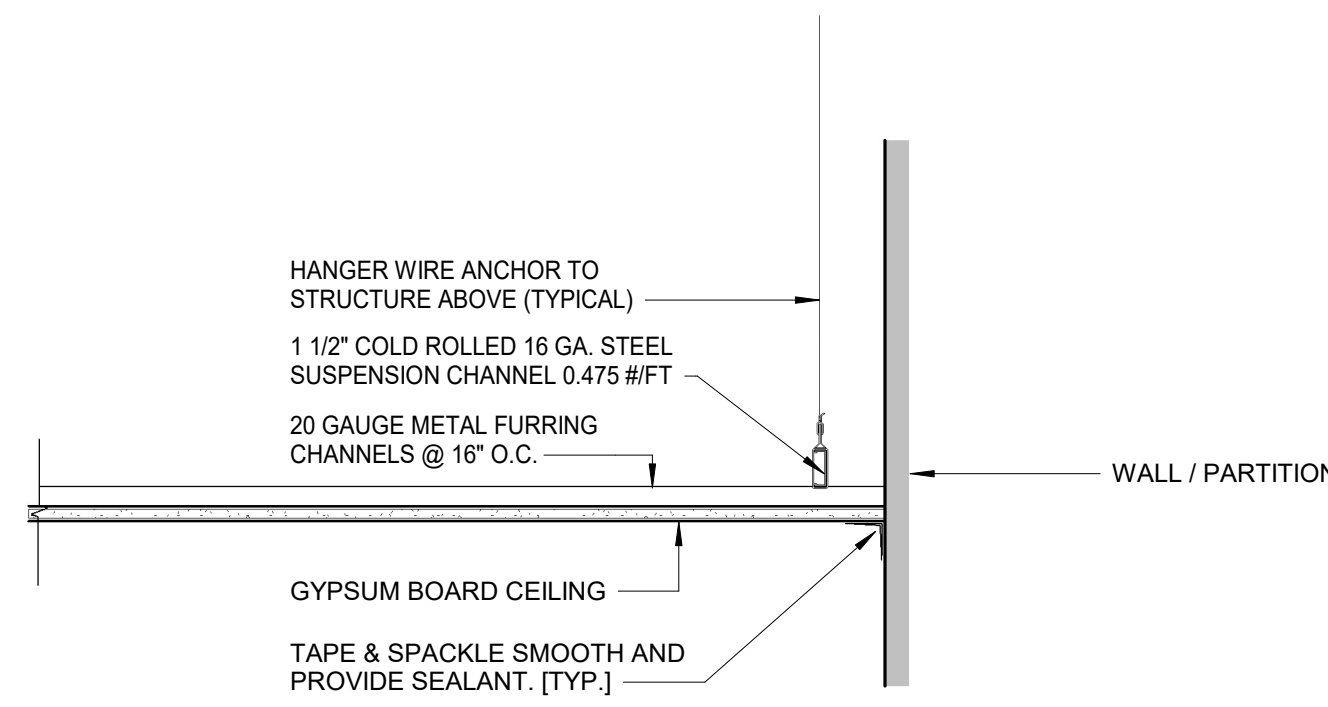


**15 TYP. RADIATOR COVER DTL**  
 3" = 1'-0"

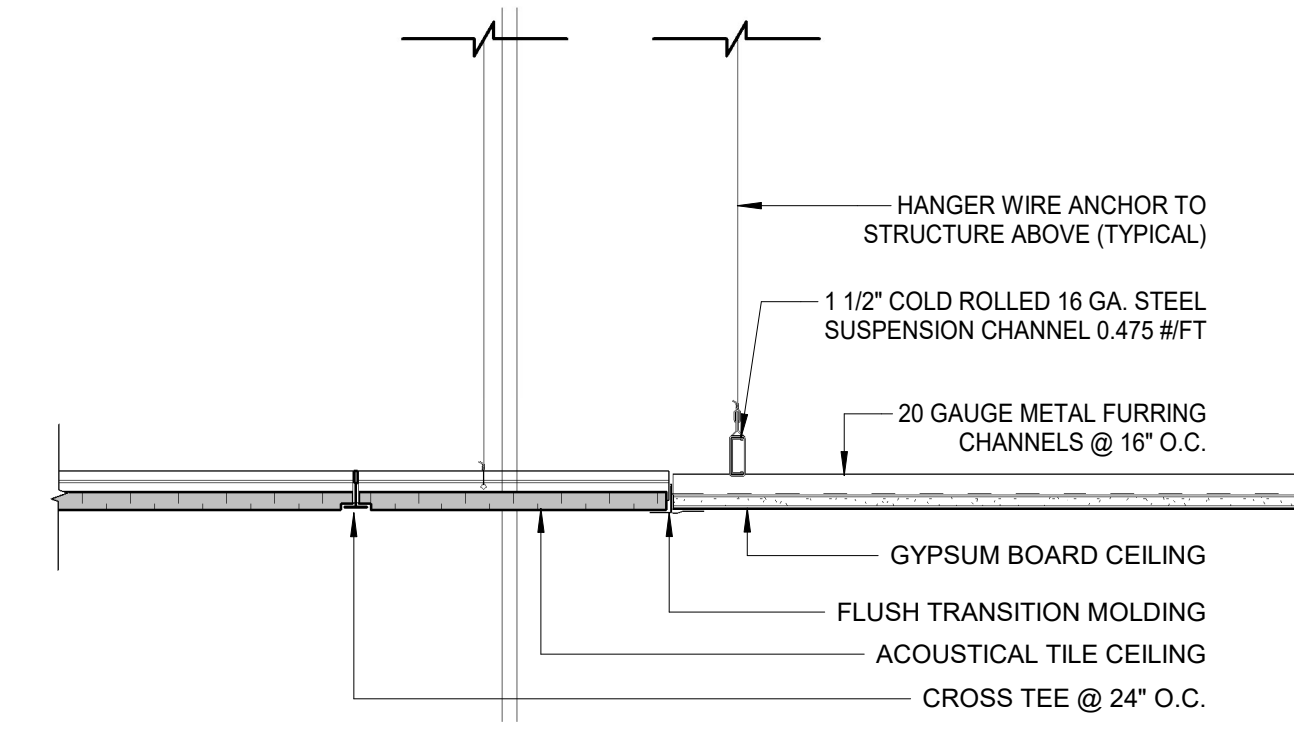
		<b>Graf &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER		DATE	
MADE BY		APP'D BY	
REVISION		REVISION	
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		CONTRACTOR	
NAME:	SIGNATURE:	NAME:	SIGNATURE:
TITLE:	DATE:	TITLE:	DATE:
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER <b>A-300</b>
DIVISION OF ENGINEERING		SHEET NO. 49	OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: As indicated	DATE: 01-19-2024 Issue Date
DETAILS		DPW FILE NO.	REV NO.
		52-11-A-1861-0	



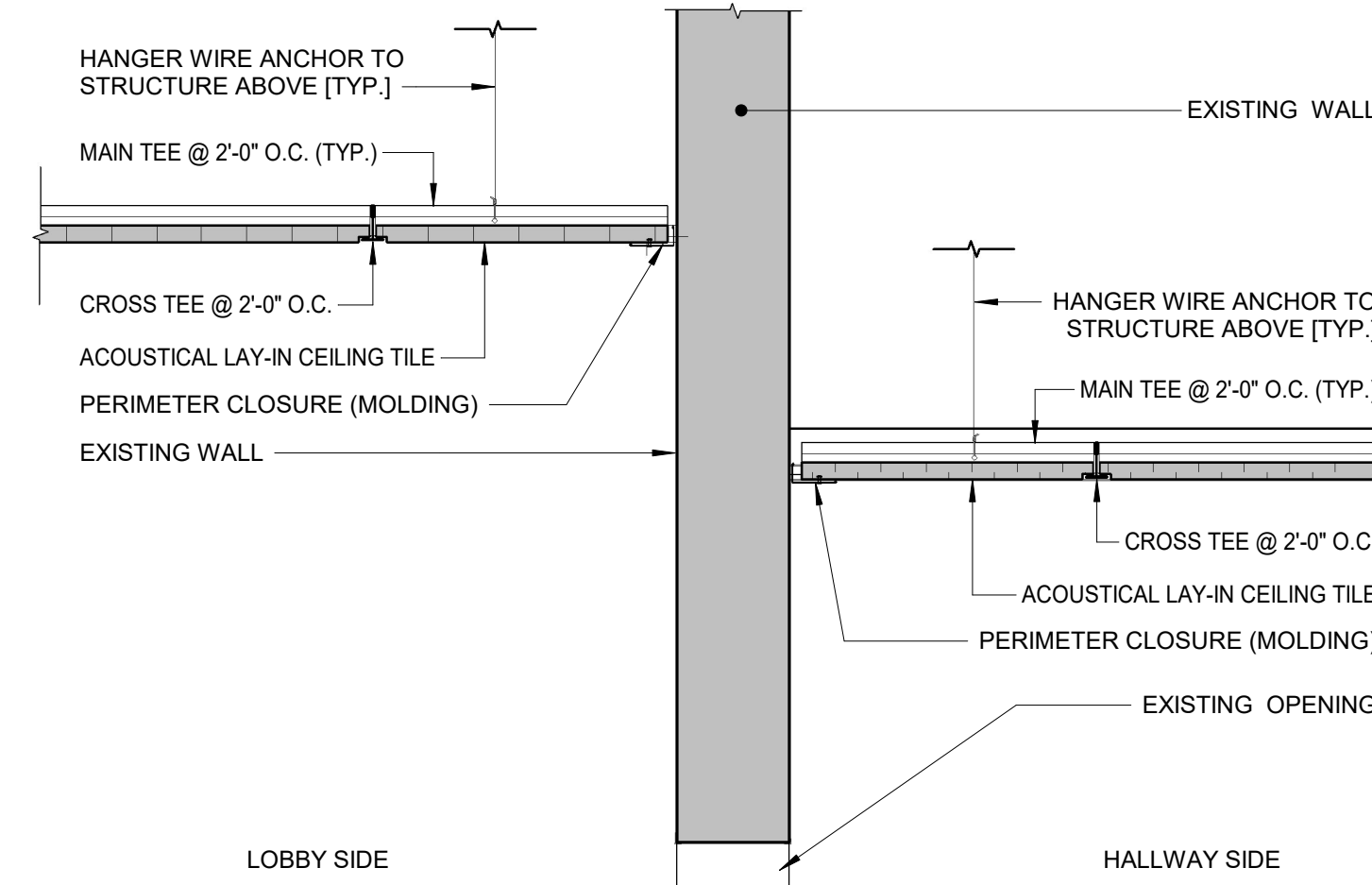
1 TYP. CEILING SUSPENSION DETAIL  
1 1/2" = 1'-0"



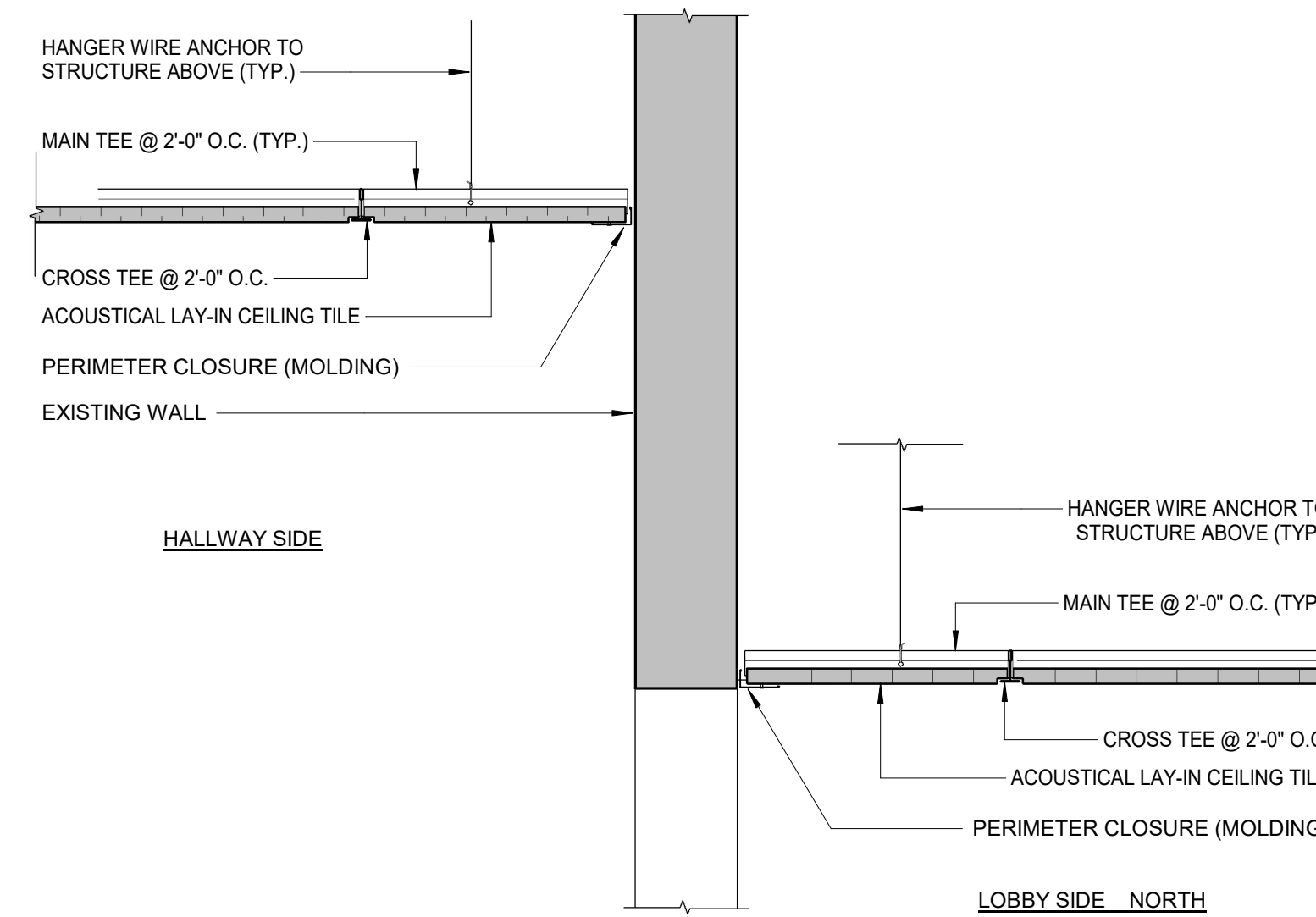
2 TYP. CEILING SUSPENSION DETAIL  
1 1/2" = 1'-0"



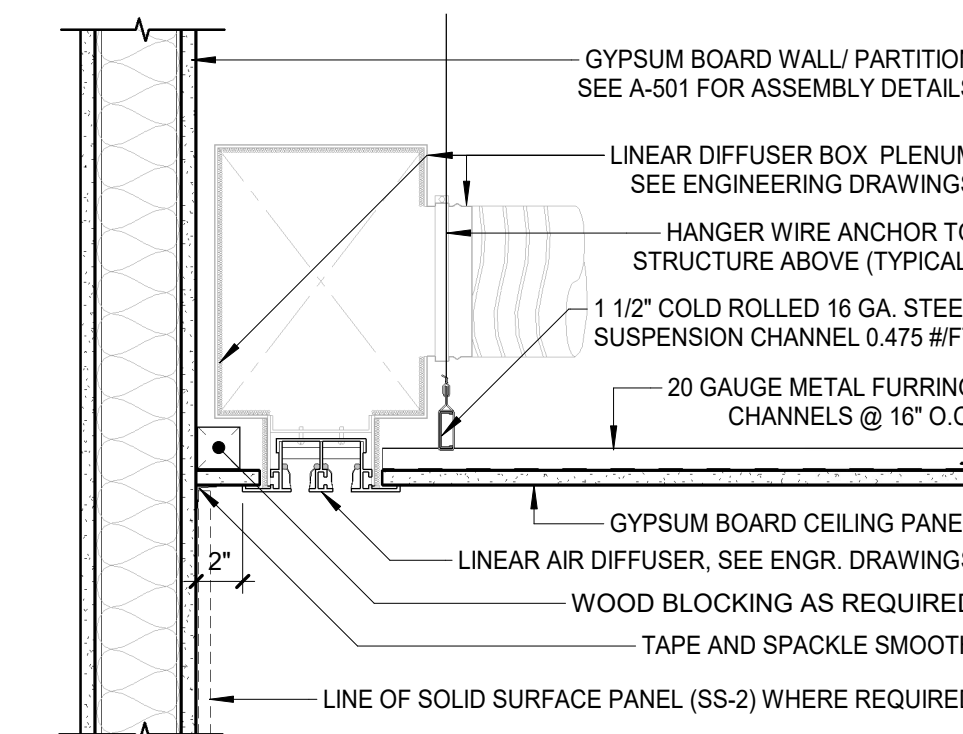
3 ACOUSTICAL TILE / GYP. BD. CEILING DETAIL  
1 1/2" = 1'-0"



4 DROP CEILING DETAIL - 1ST FL. CENTRAL LOBBY  
1 1/2" = 1'-0"

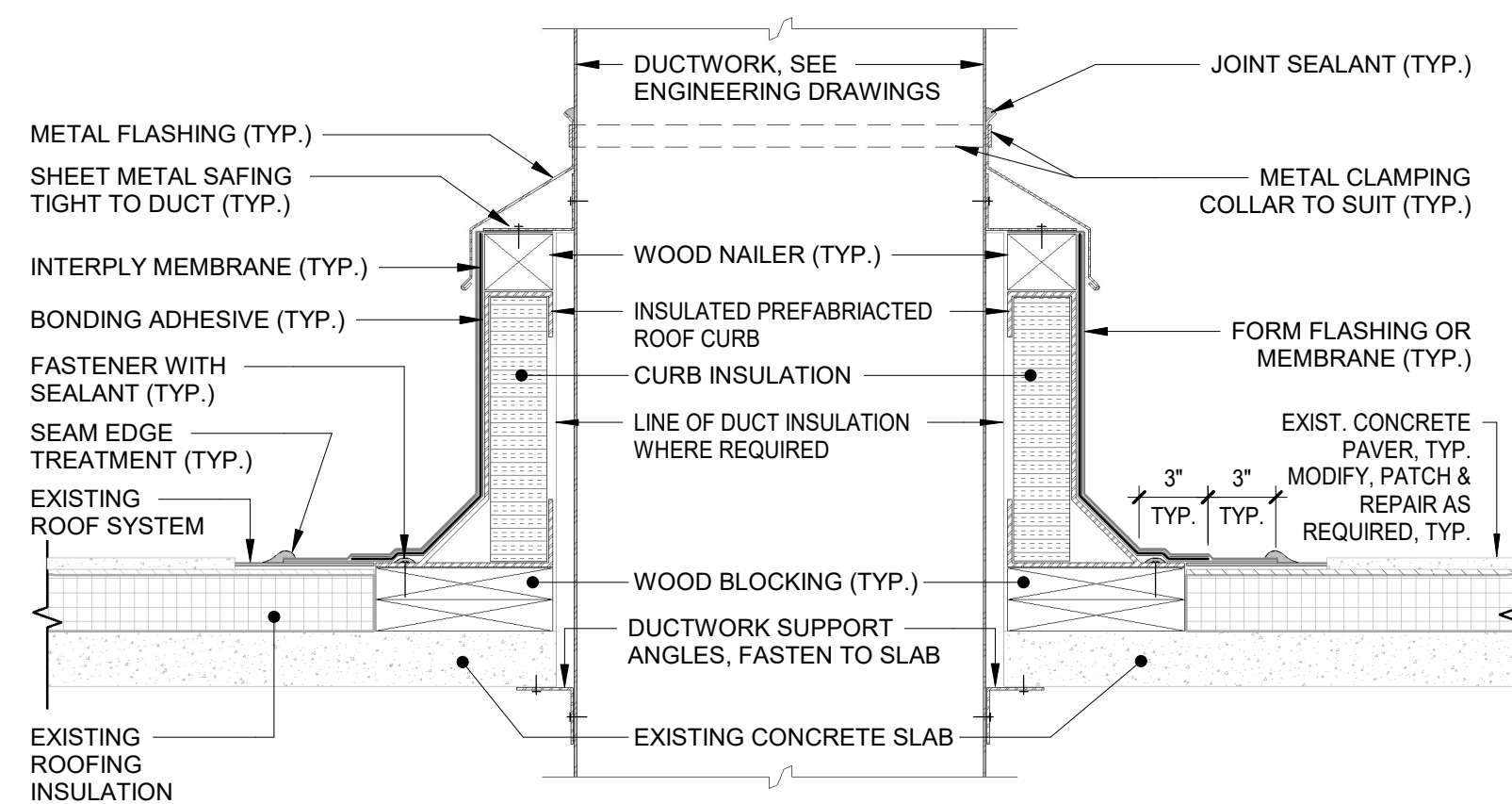


5 DROP CEILING DETAIL - 1ST FL. NORTH LOBBY  
1 1/2" = 1'-0"

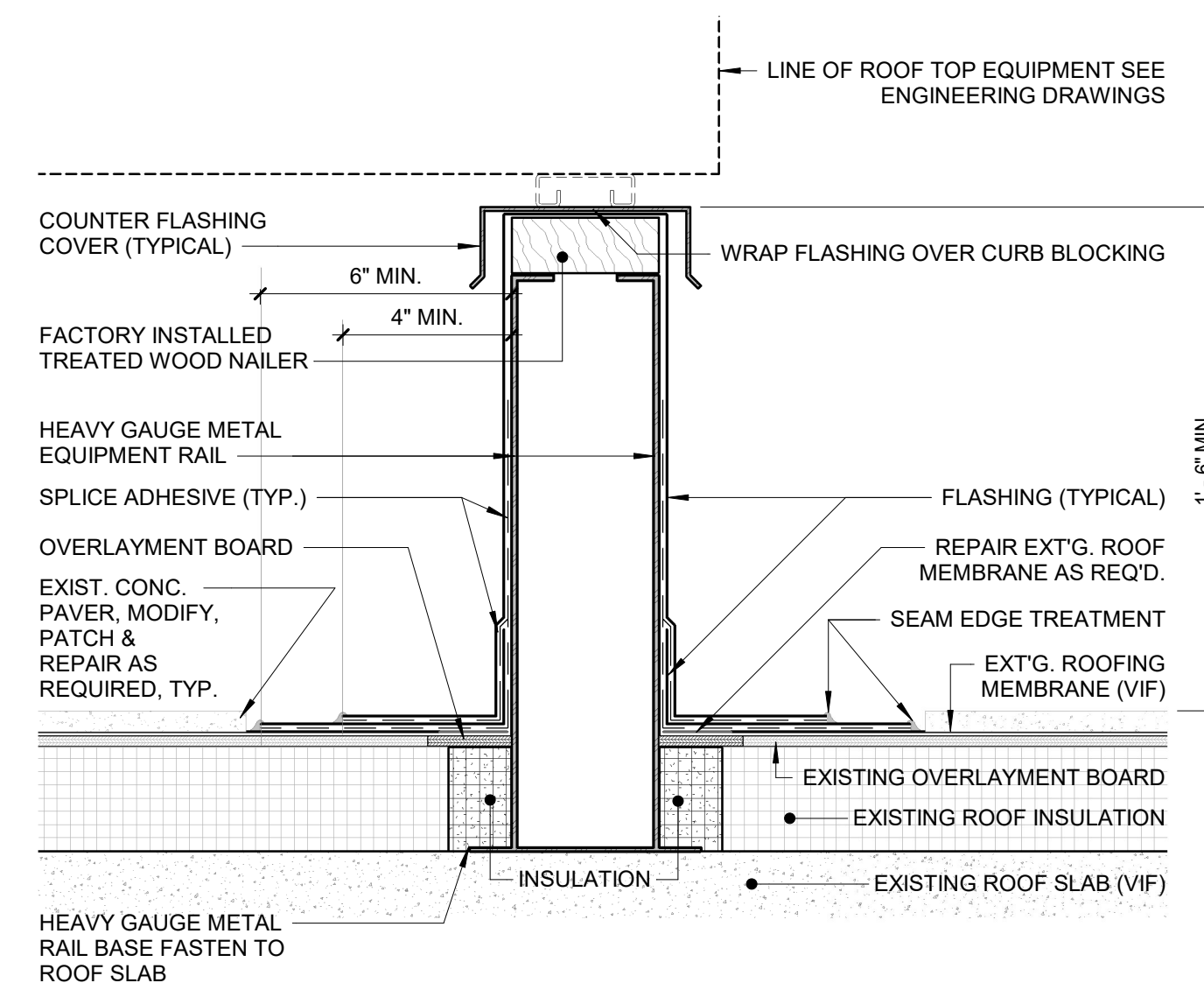


6 AIR DIFFUSER @ DROP CEILING  
1 1/2" = 1'-0"

ALL SUSPENDED CEILING TO BE INSTALLED AT HEIGHT OF EXISTING FINISH CEILING



7 ROOF PENETRATION - DUCTWORK DETAIL  
1 1/2" = 1'-0"

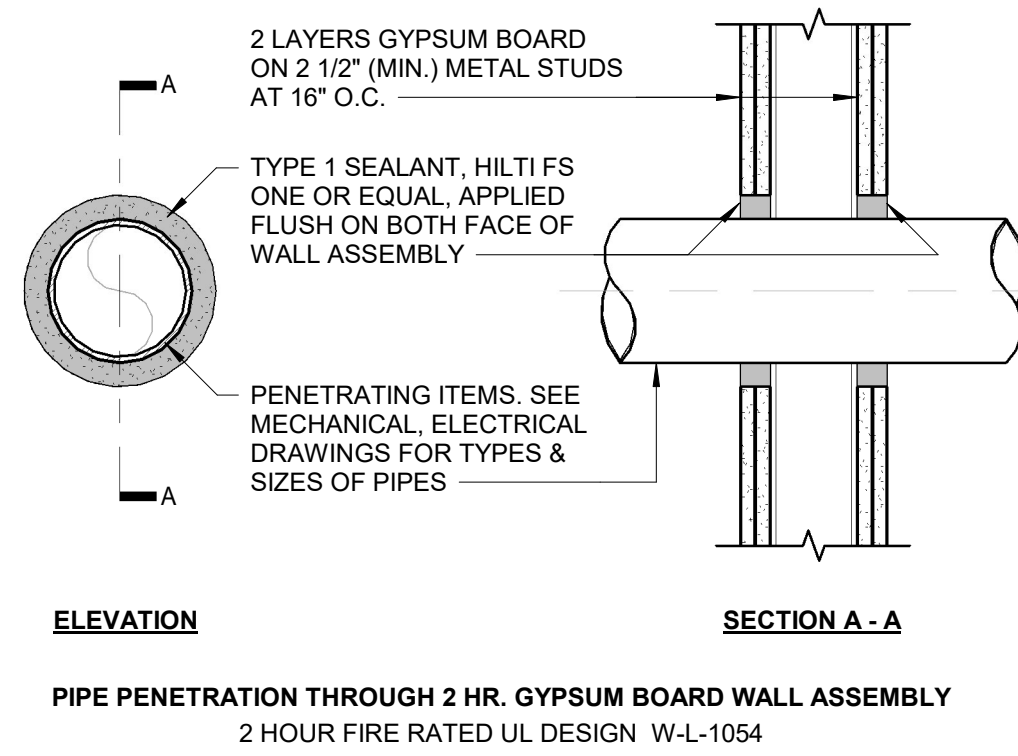


8 ROOF TOP EQUIPMENT RAIL DETAIL  
3" = 1'-0"

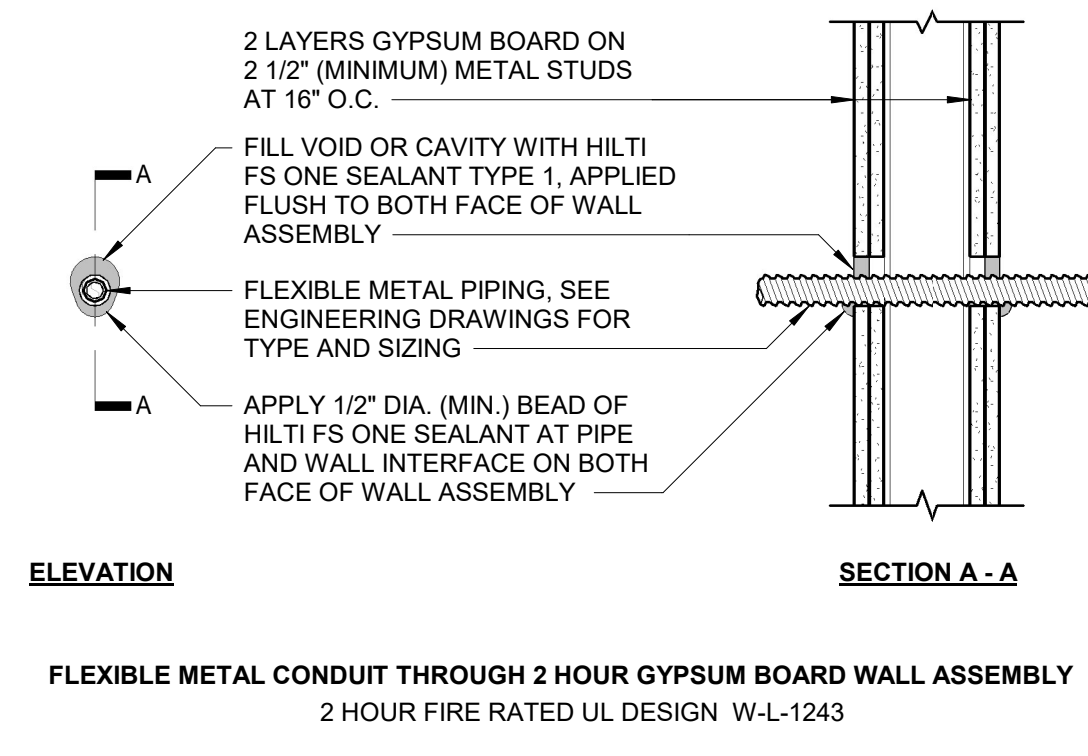
**ROOF WARRANTY NOTE:**

ROOF UNDER JM WARRANTY  
ALL ROOF WORK TO BE DONE BY JM AUTHORIZED CONTRACTOR  
AND REPORTED TO JM FOR WARRANTY PURPOSES.

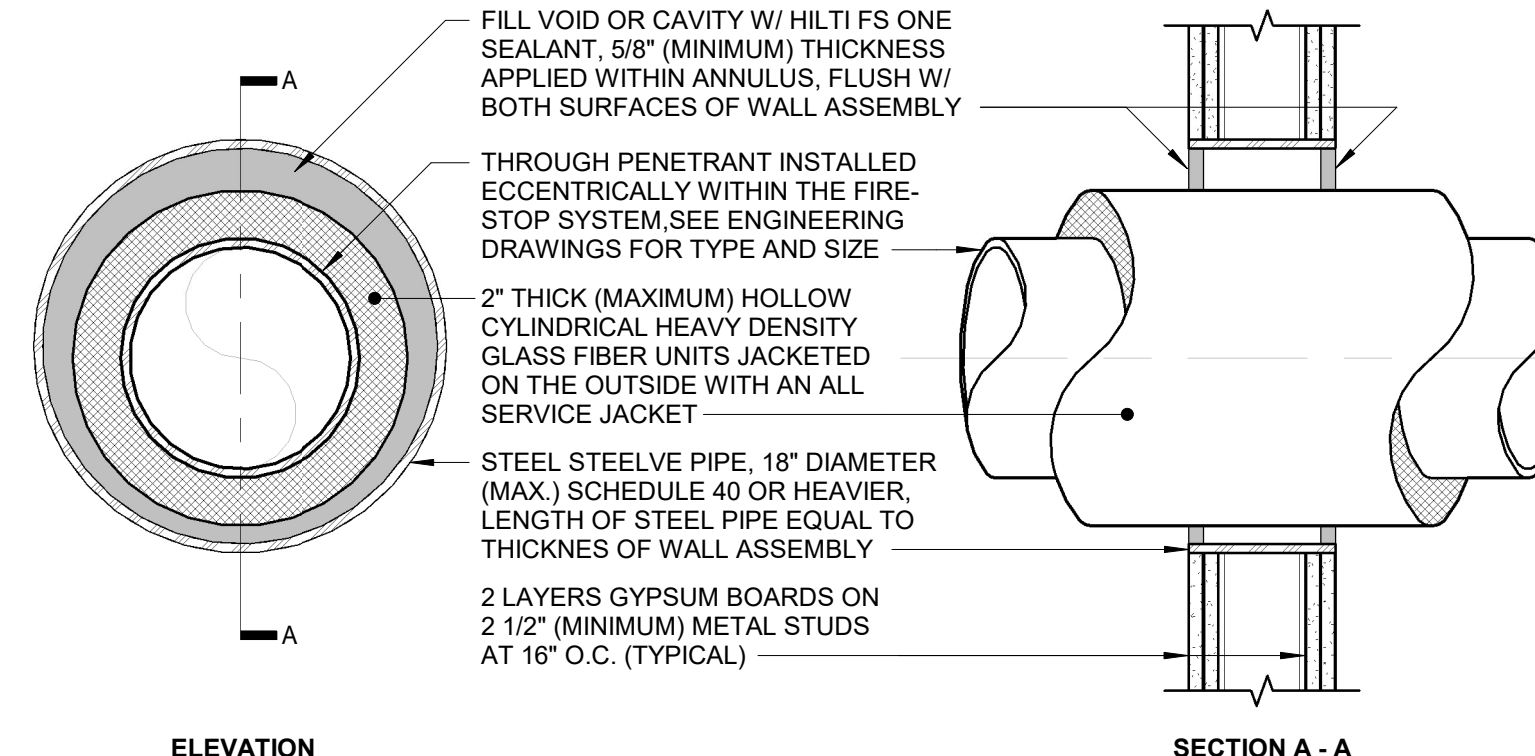
		CONSULTANT INFORMATION <h2 style="text-align: center;">Graf &amp; Lewent</h2> <h3 style="text-align: center;">Architects LLP</h3> <p style="text-align: center;">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>		
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES				
CONTRACTOR		CONTRACTOR		
NAME:	NAME:	SIGNATURE:	SIGNATURE:	DATE:
TITLE:	TITLE:	DATE:	DATE:	DATE:
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER A-301	
DIVISION OF ENGINEERING		SHEET NO. 50	OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: DATE: 01-19-2024	As indicated Issue Date	
CEILING & ROOF DETAILS		DPW FILE NO. 52-11-A-1862-0	REV NO.	



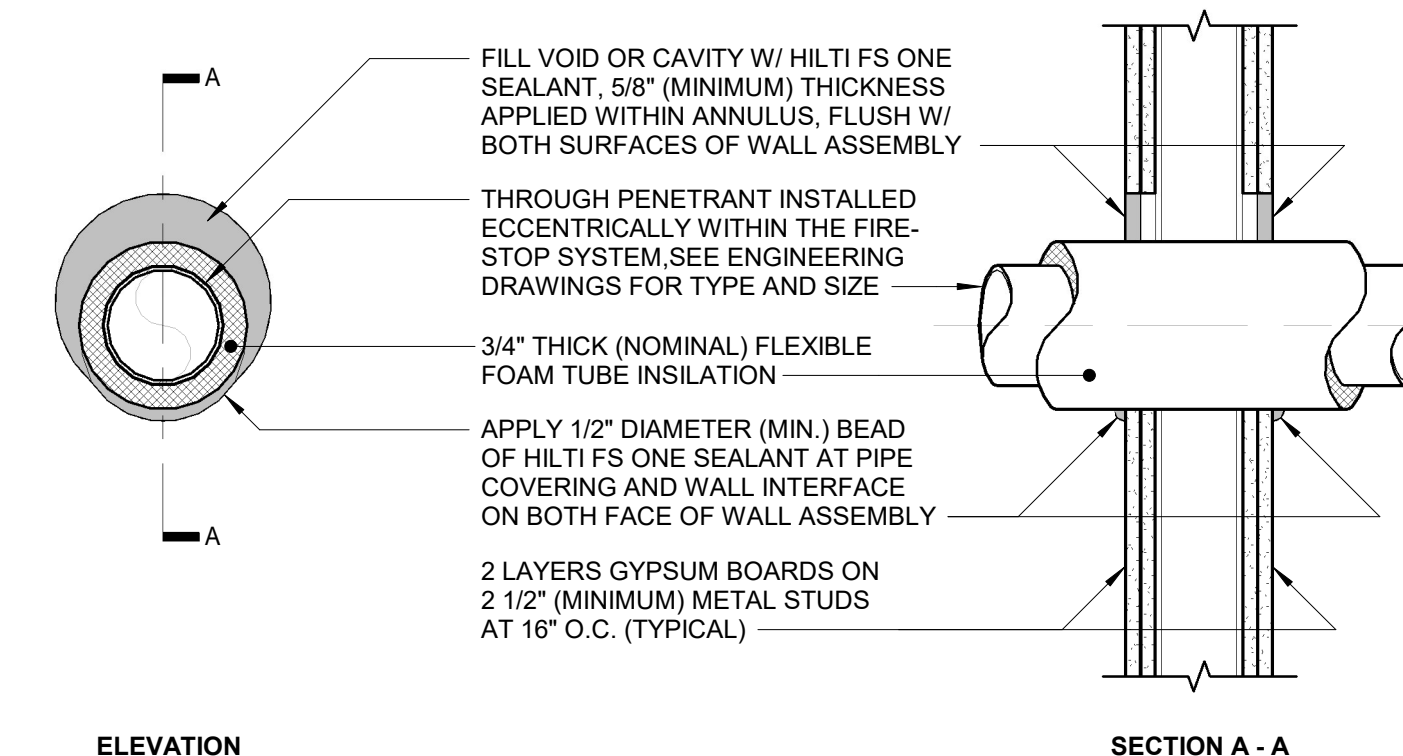
**1 FIRESTOPPING - PIPE PENETRATION**  
1 1/2" = 1'-0"



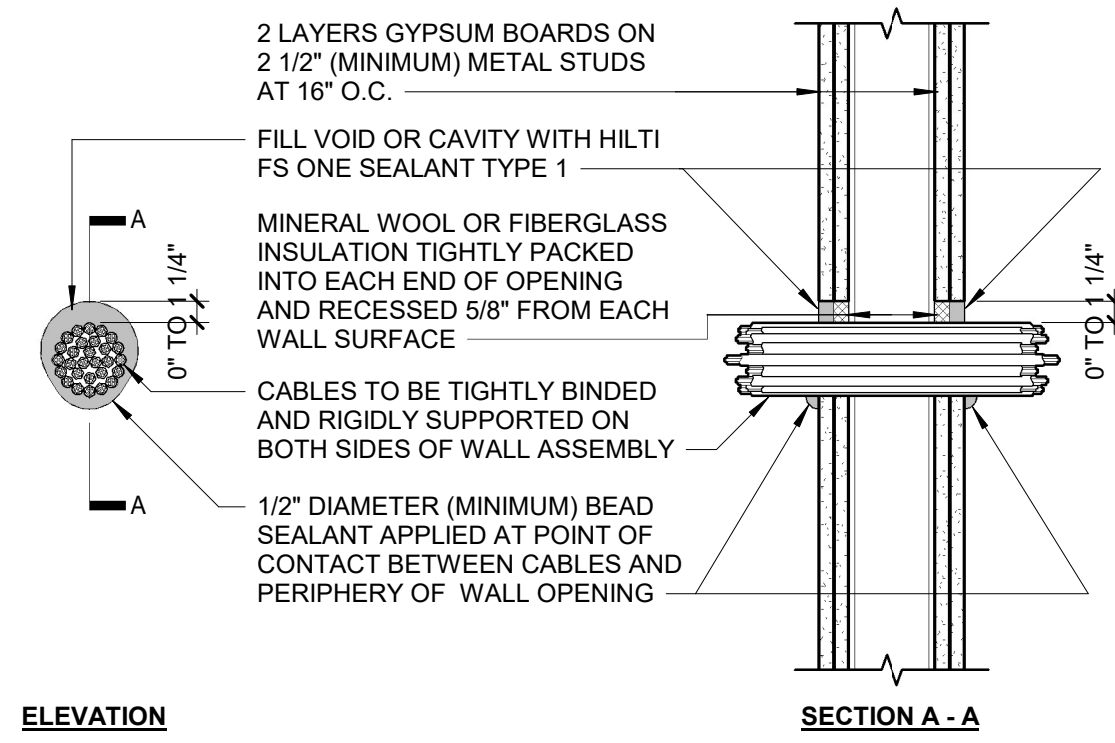
**2 FIRESTOPPING - FLEXIBLE CONDUIT**  
1 1/2" = 1'-0"



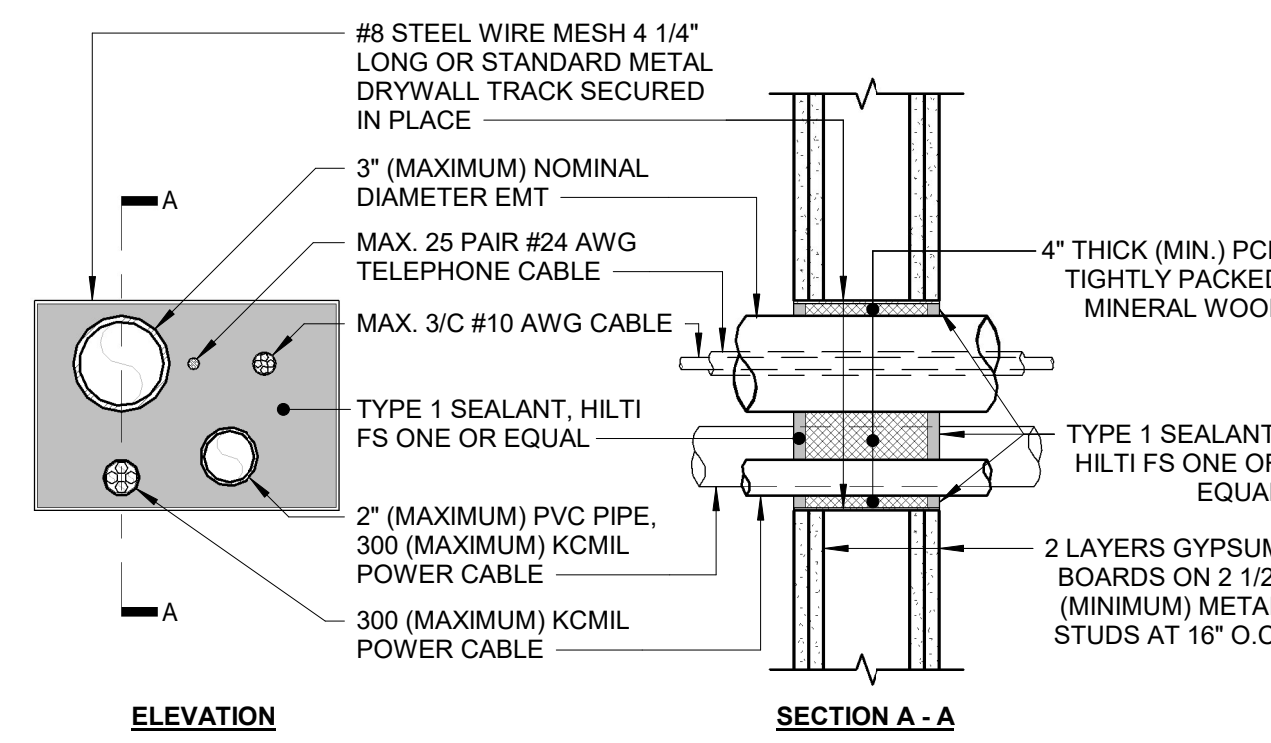
**3 FIRESTOPPING - INSULATED PIPE PENETRATION 1**  
1 1/2" = 1'-0"



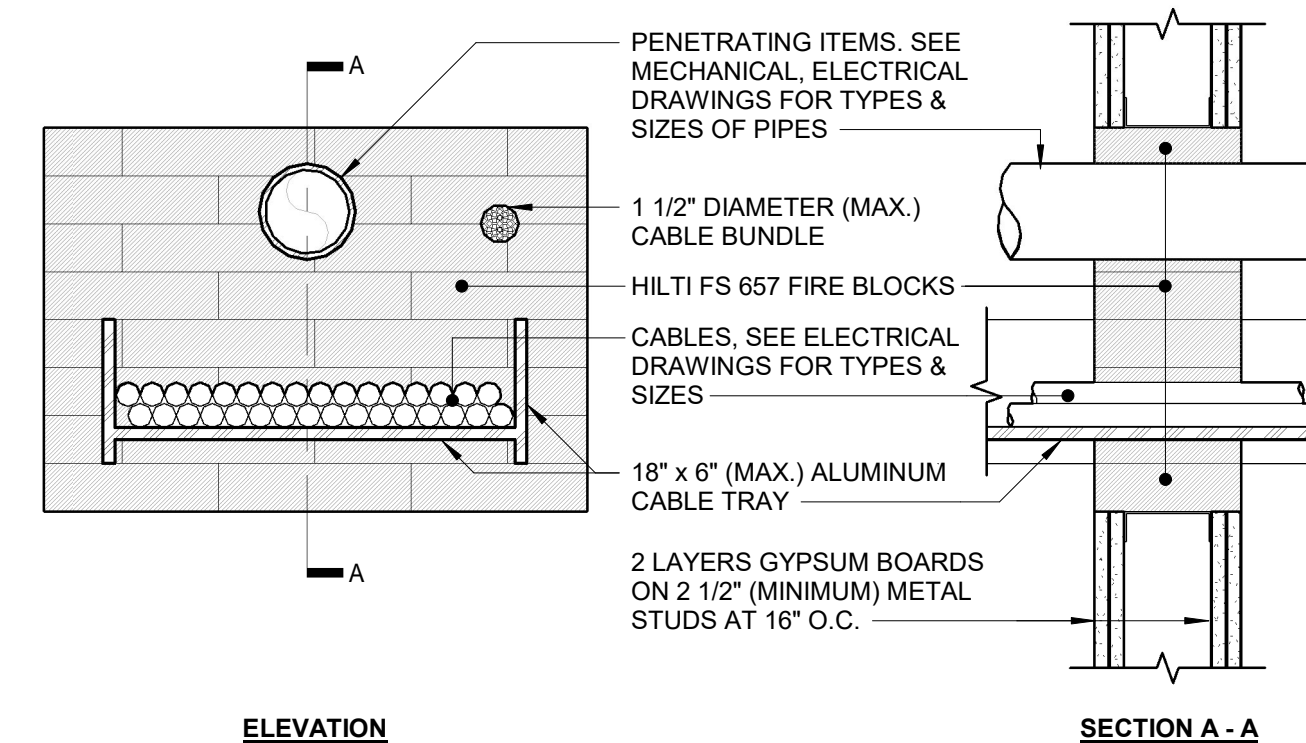
**4 FIRESTOPPING - INSULATED PIPE PENETRATION 2**  
1 1/2" = 1'-0"



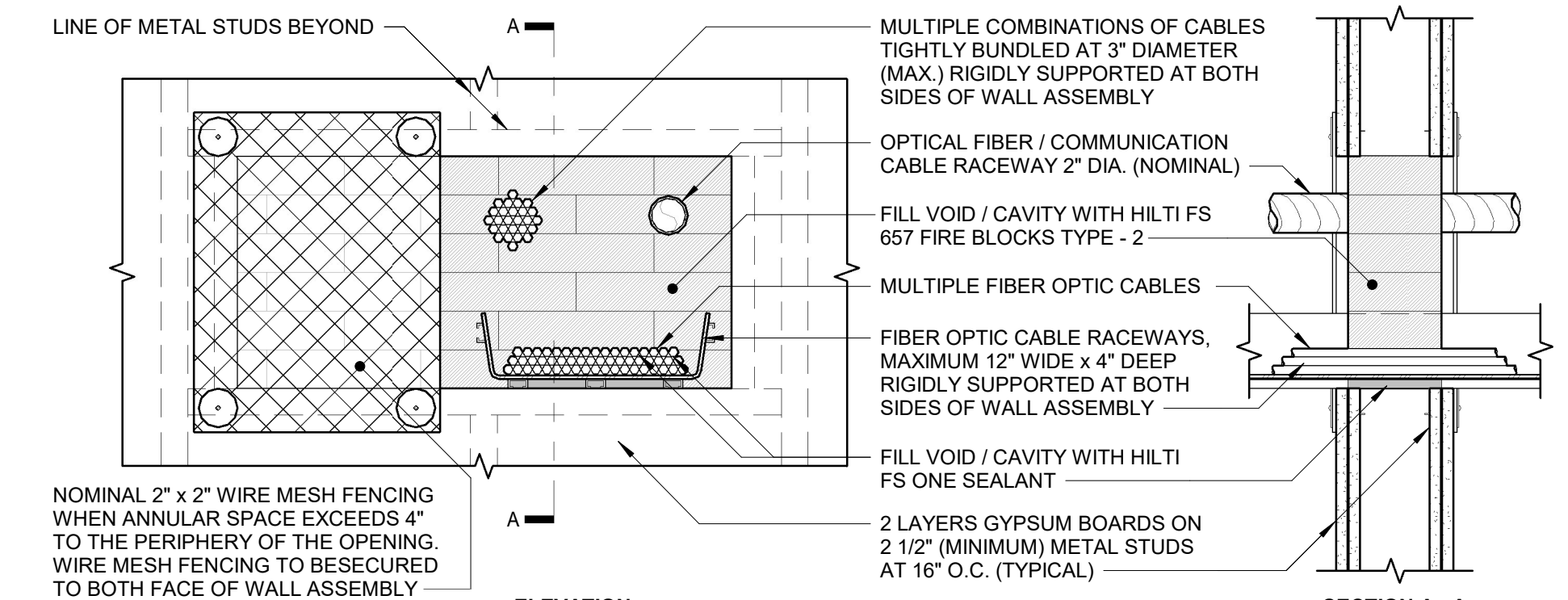
**5 FIRESTOPPING - MULTIPLE CABLES**  
1 1/2" = 1'-0"



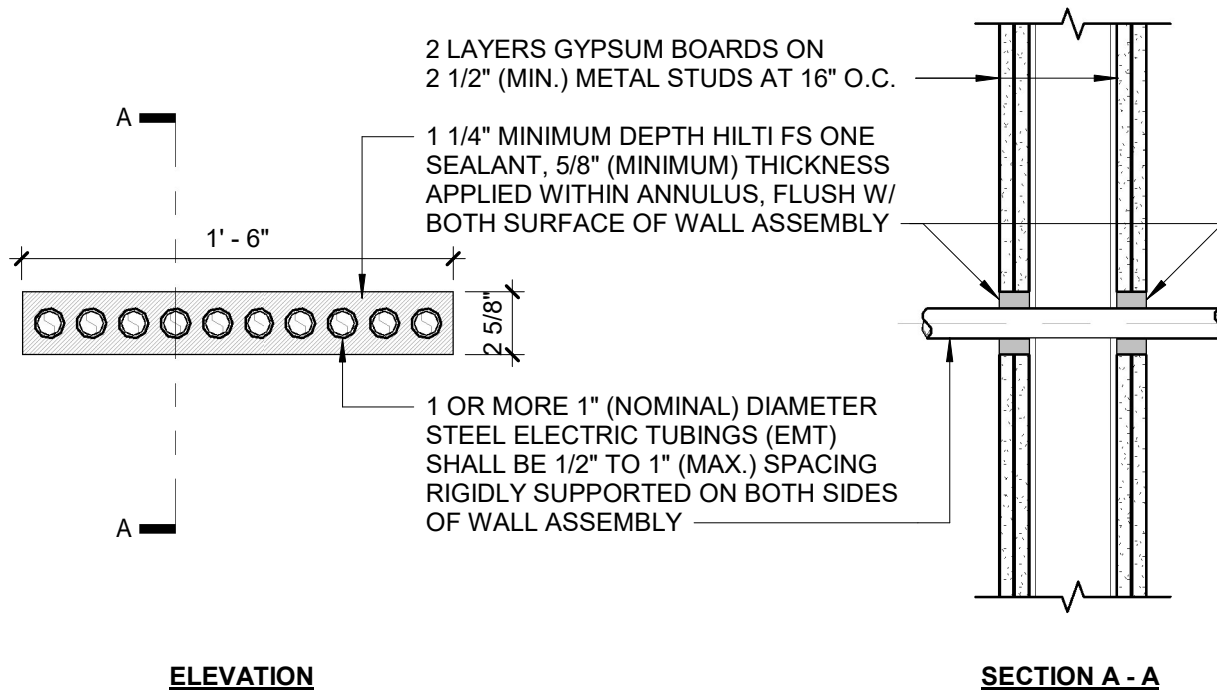
**6 FIRESTOPPING - MULTIPLE PENETRATION 1**  
1 1/2" = 1'-0"



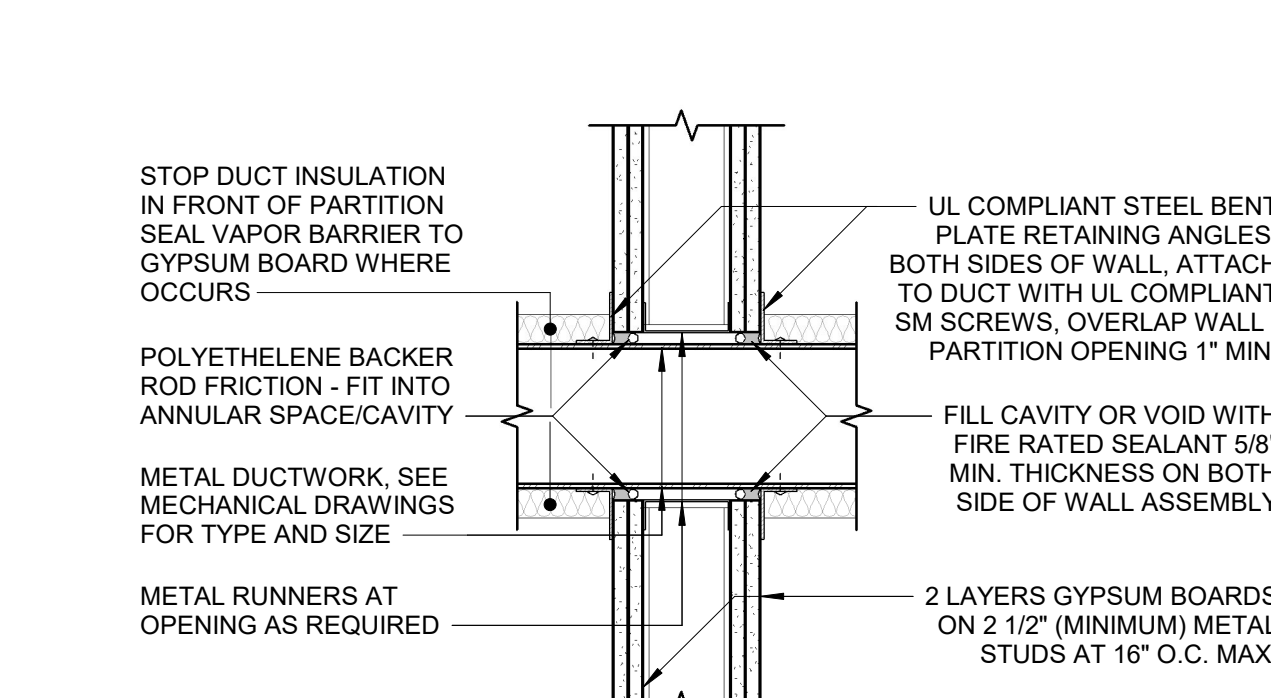
**7 FIRESTOPPING - MULTIPLE PENETRATION 2**  
1 1/2" = 1'-0"



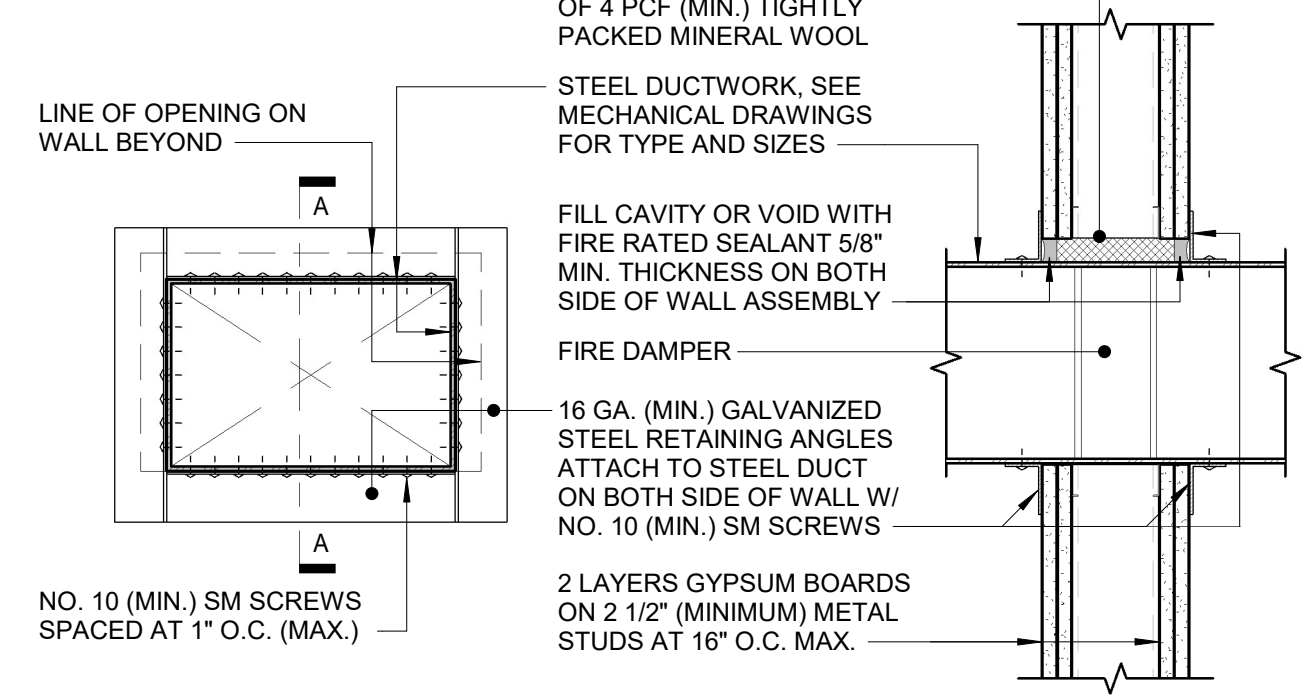
**8 FIRESTOPPING - MULTIPLE PENETRATION 3**  
1 1/2" = 1'-0"



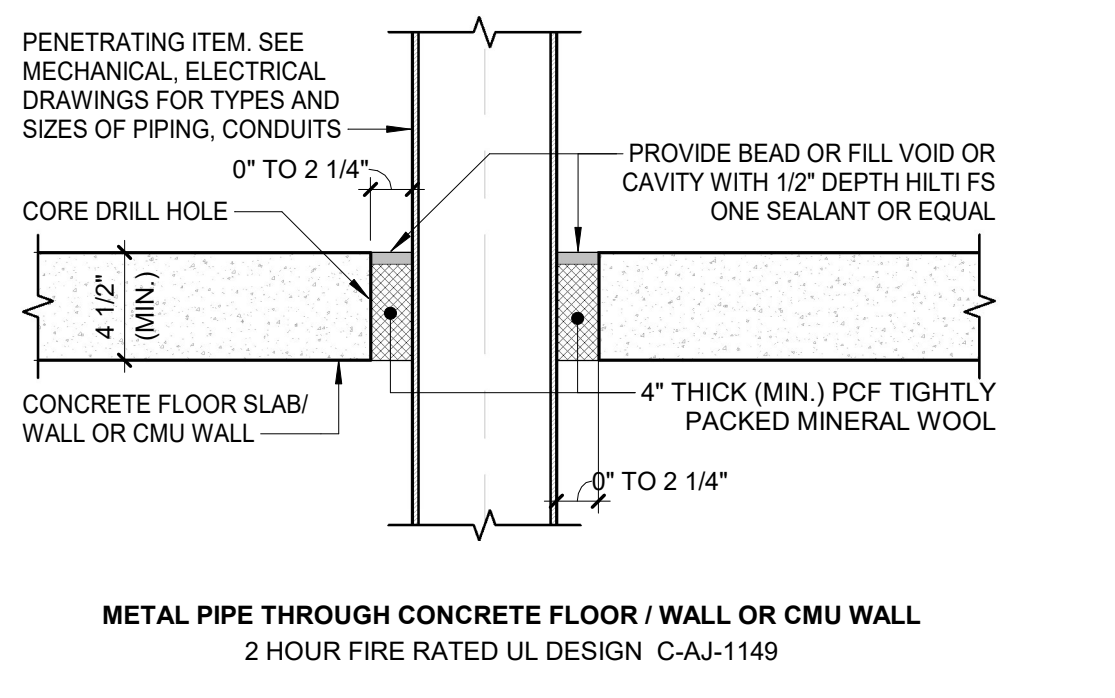
**9 FIRESTOPPING - MULTIPLE PENETRATION 4**  
1 1/2" = 1'-0"



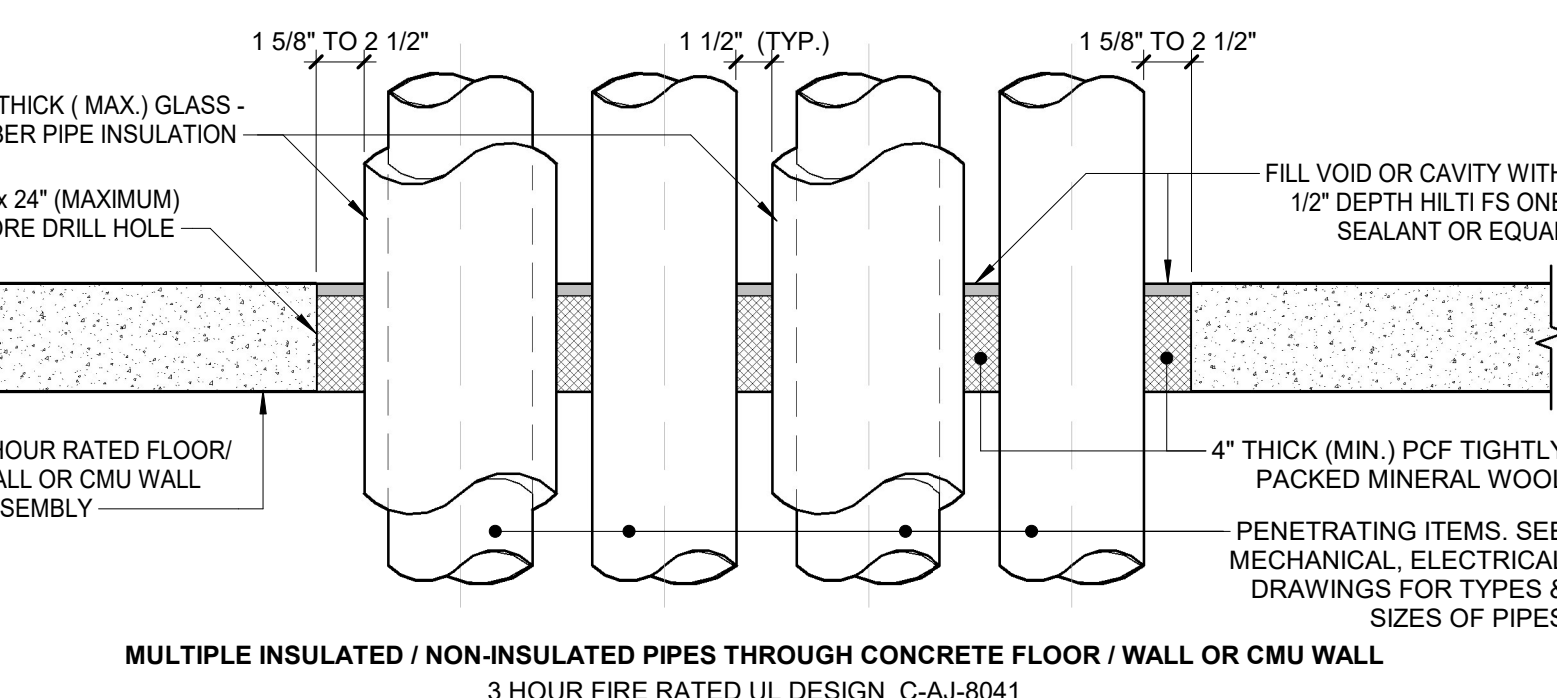
**10 FIRESTOPPING - METAL DUCT 1**  
1 1/2" = 1'-0"



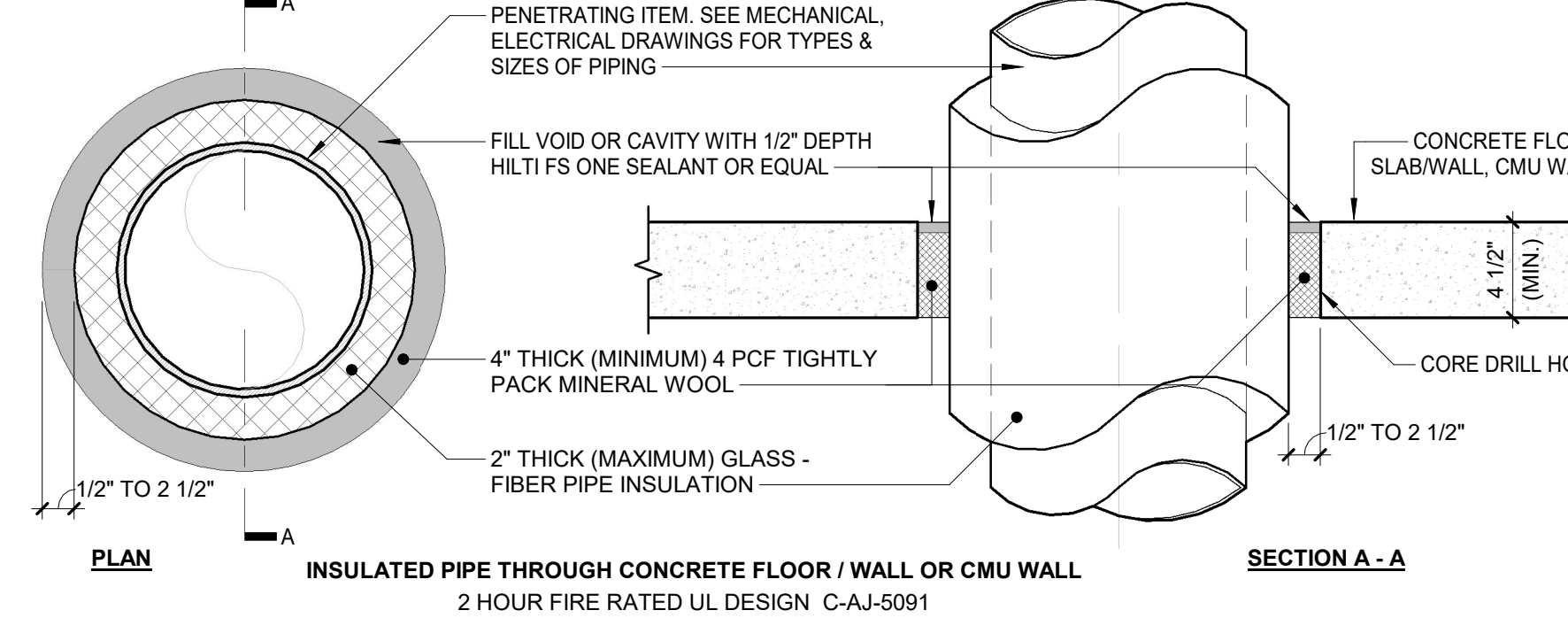
**11 FIRESTOPPING - METAL DUCT 2**  
1 1/2" = 1'-0"



**12 FIRESTOPPING @ CONC. SLAB**  
1 1/2" = 1'-0"

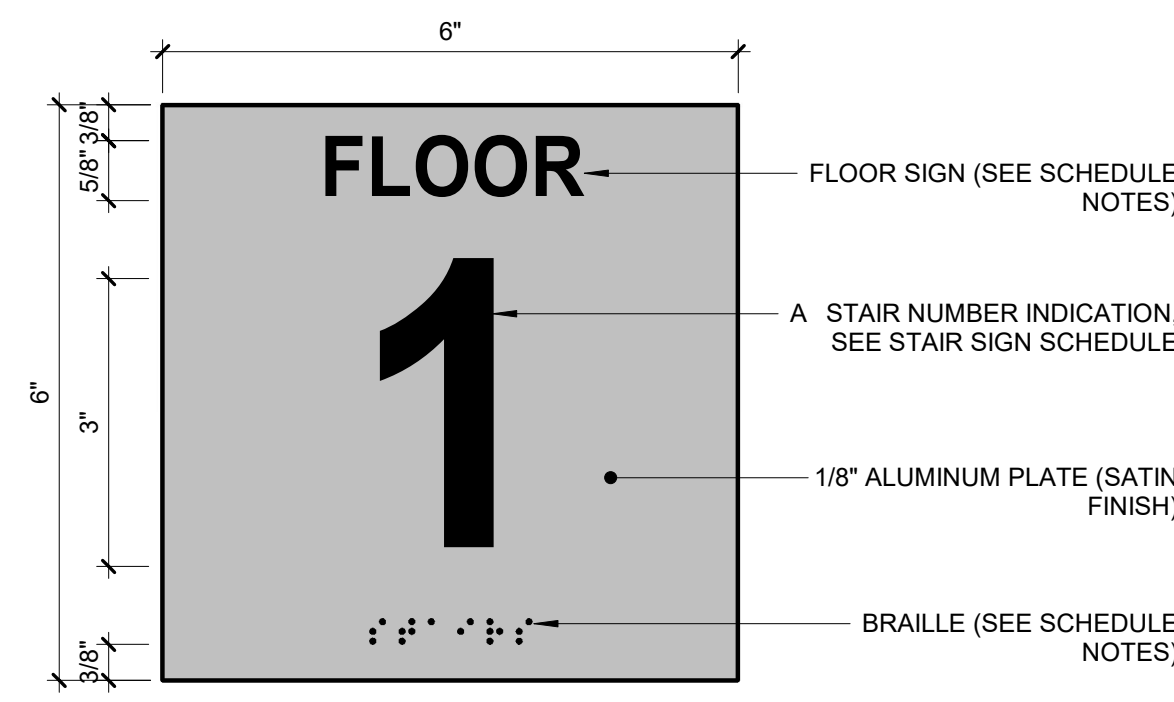


**13 FIRESTOPPING @ CONC. SLAB (MULTIPLE)**  
1 1/2" = 1'-0"



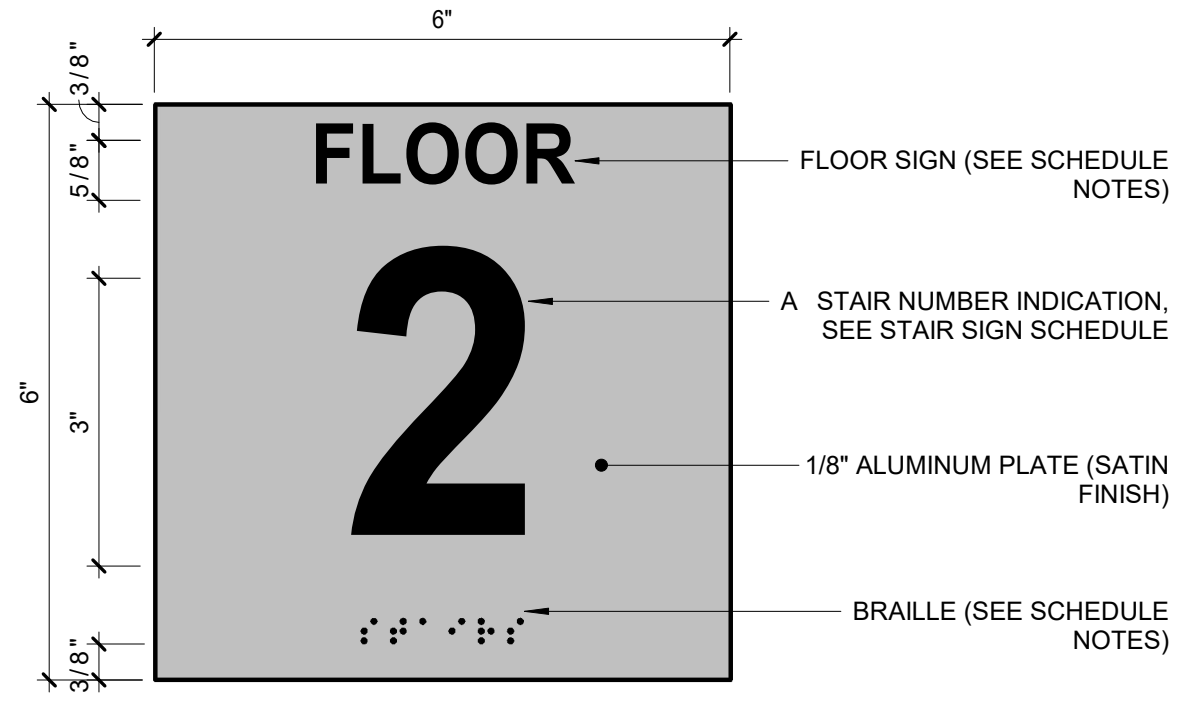
**14 FIRESTOPPING @ CONC. SLAB / WALL**  
1 1/2" = 1'-0"

		<b>Graff &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER		DATE	
MADE BY		APP'D BY	
REVISION		REVISION	
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CONTRACTOR		CONTRACTOR	
NAME: _____		NAME: _____	
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TITLE: _____		TITLE: _____	
DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER A-302
DIVISION OF ENGINEERING		SHEET NO. 51	OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1 1/2" = 1'-0"	DATE: 01-19-2024
FIRESTOPPING DETAILS		DPW FILE NO.	REV NO.
		52-11-A-1863-0	

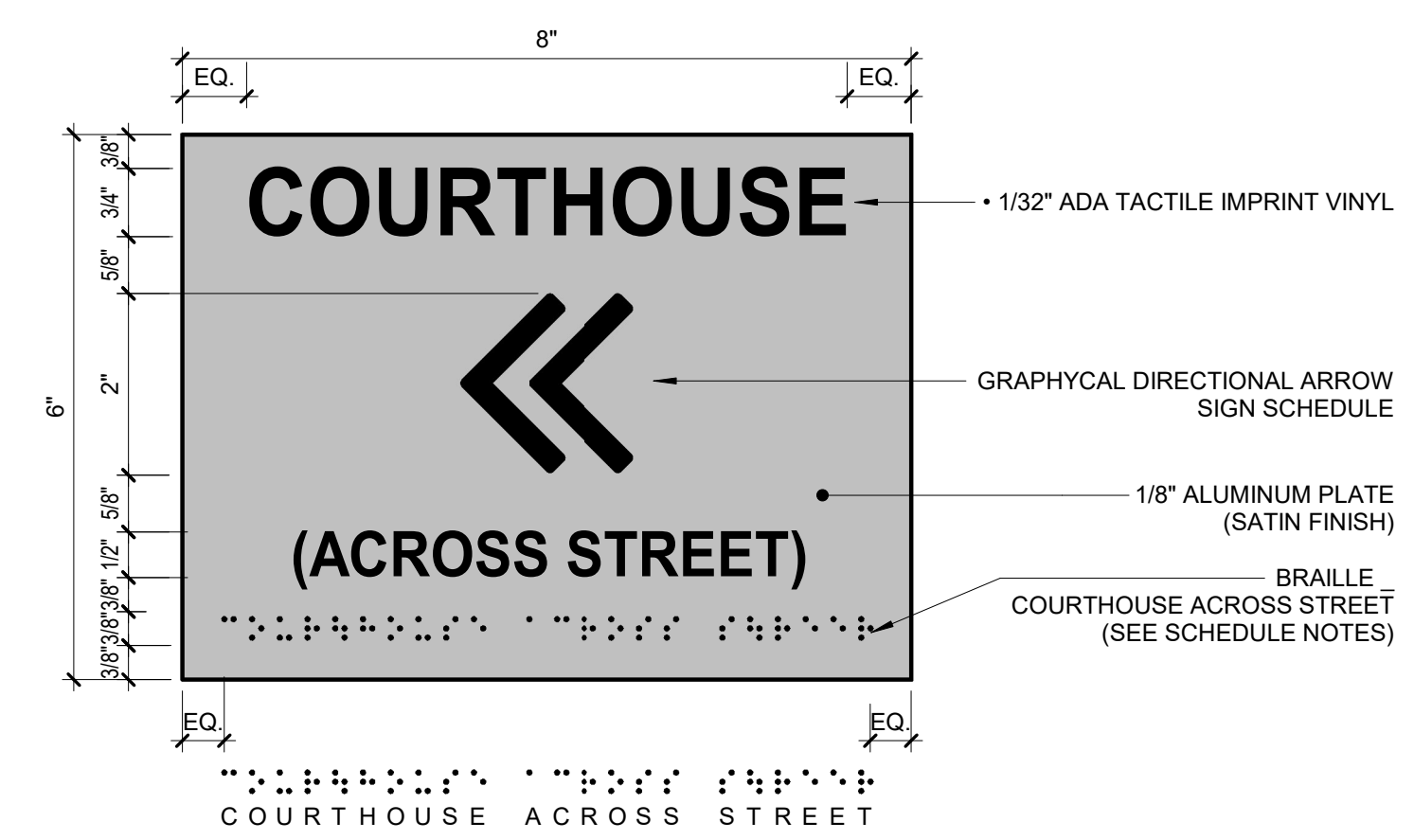


FLOOR SIGN SCHEDULE		
SYMBOL	FLOOR NUMBER	NOTES
FL-#	1	• 1/32\"/>

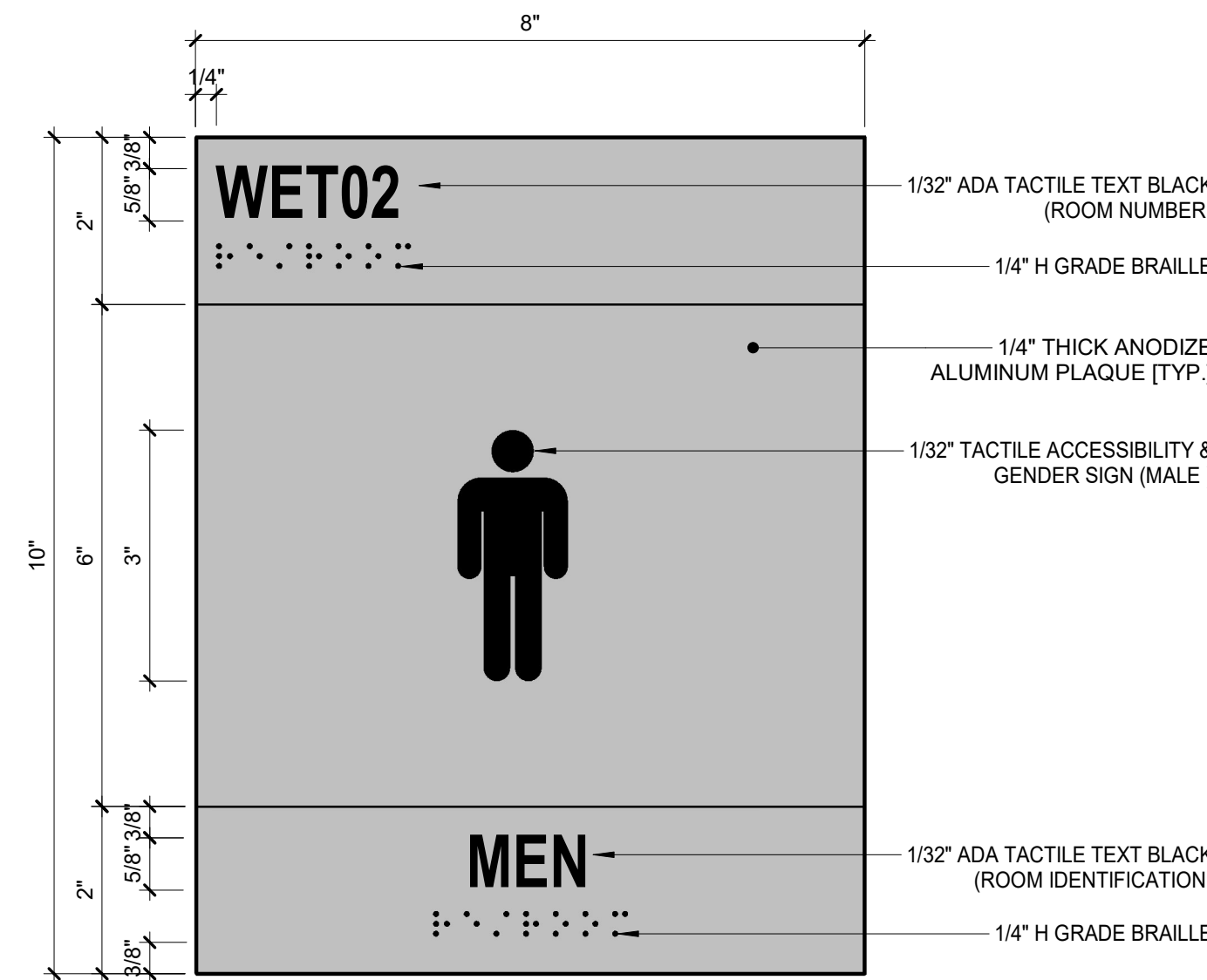
1 FLOOR DESIGNATION SIGN - 1ST FLOOR ELEVATOR LOBBY  
6" = 1'-0"



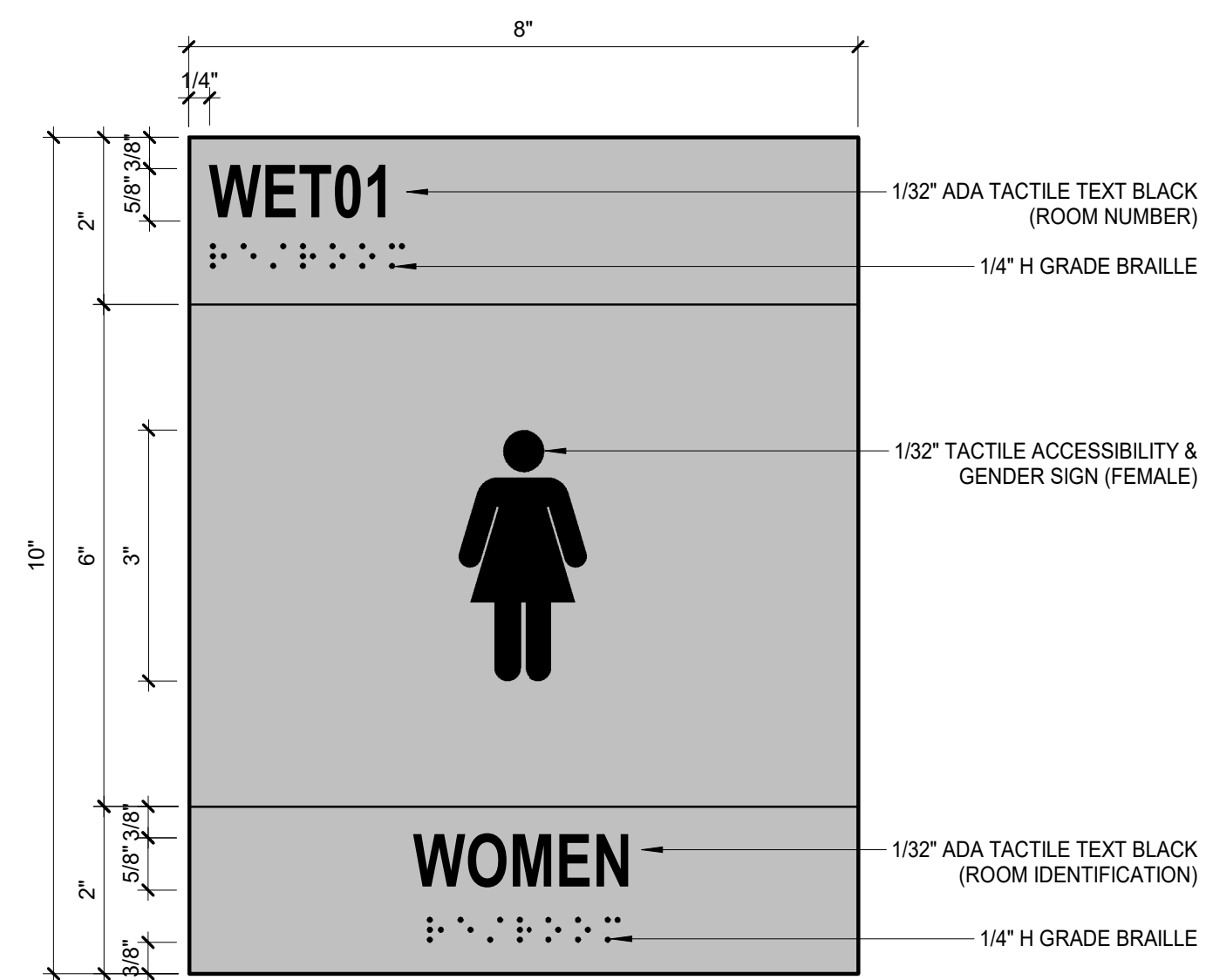
2 FLOOR DESIGNATION SIGN - 2ND FLOOR ELEVATOR LOBBY  
6" = 1'-0"



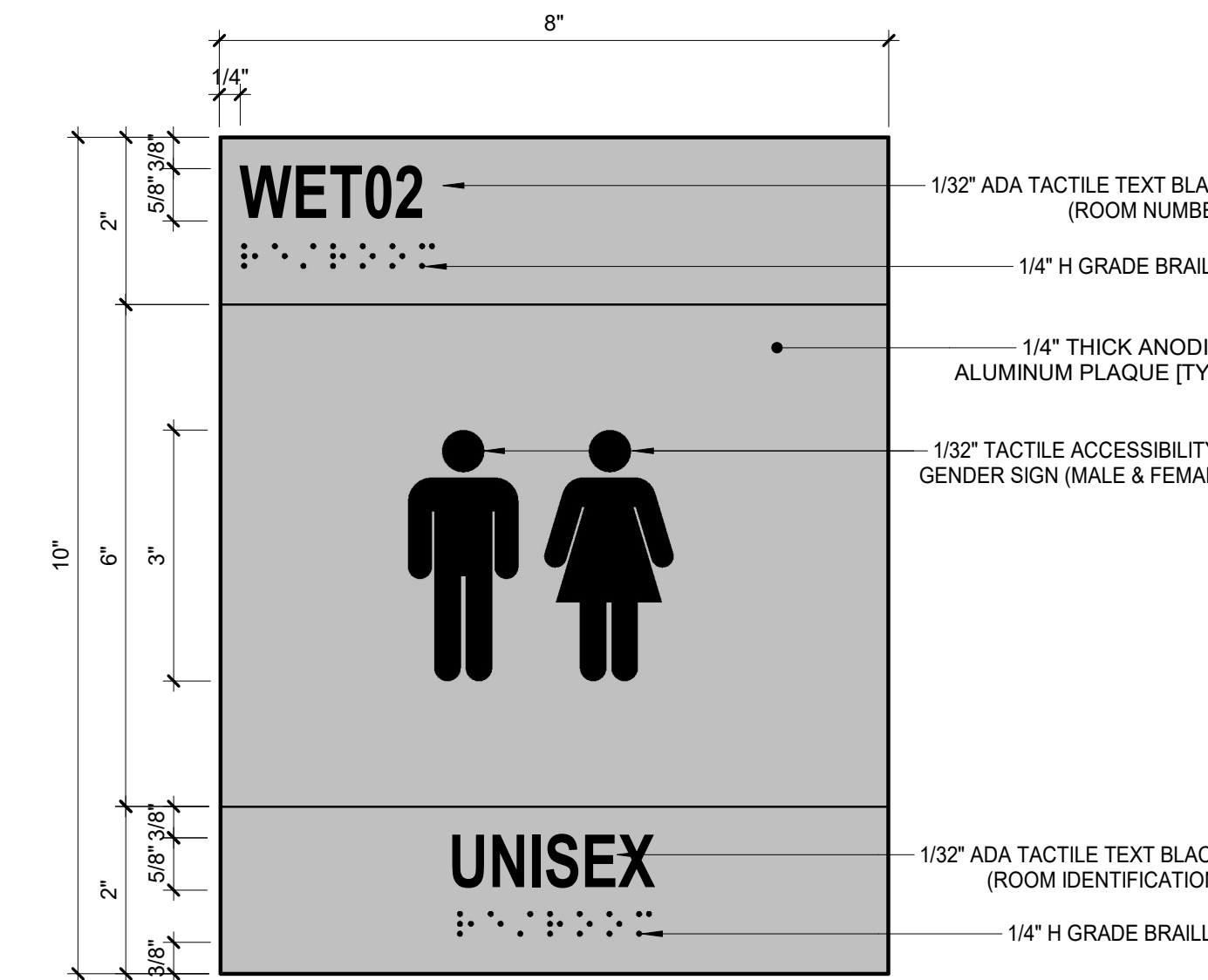
3 GRAPHICAL DIRECTIONAL ARROW - 1ST FLOOR ELEVATOR LOBBY  
6" = 1'-0"



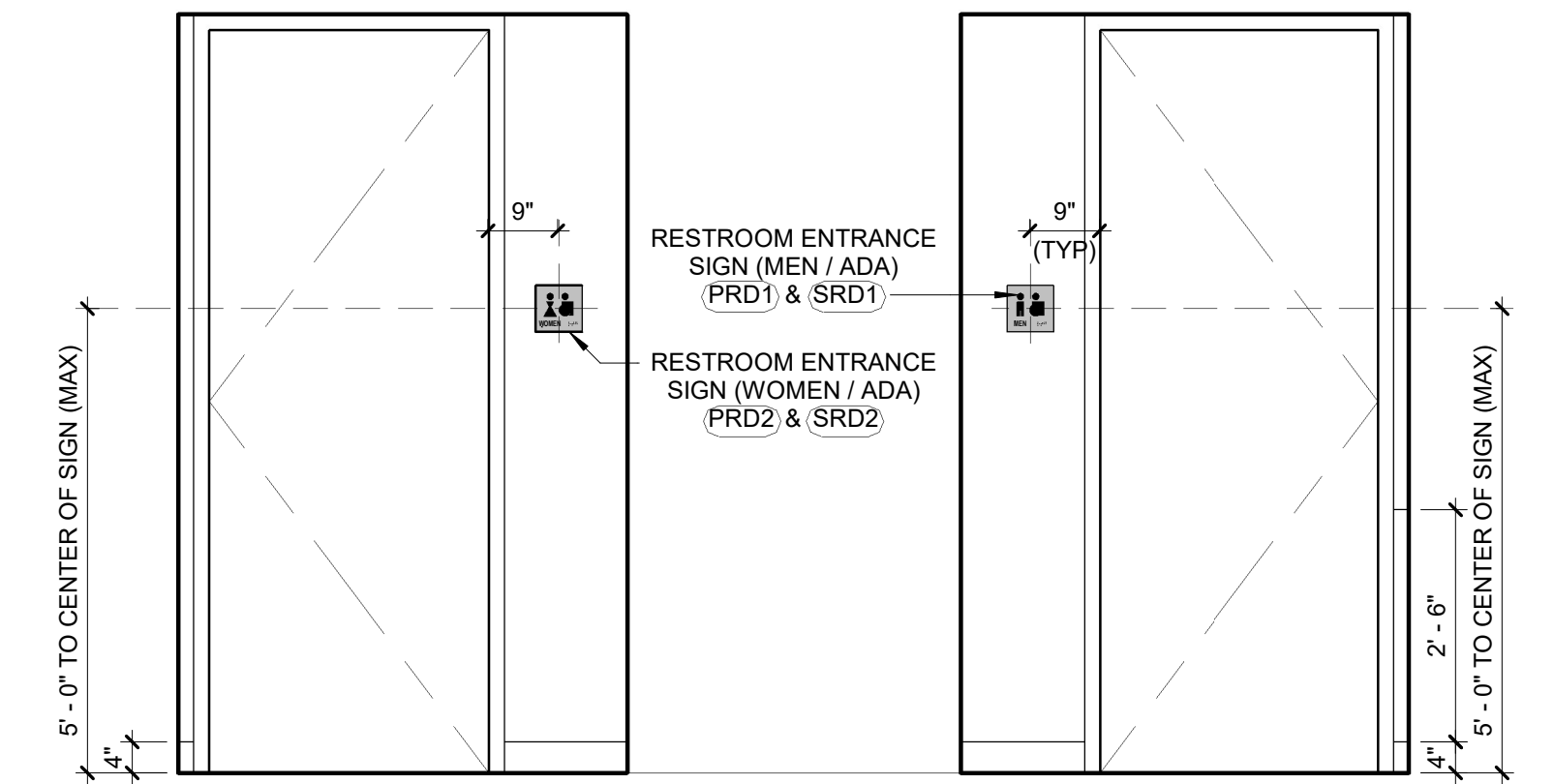
4 PRD1/SRD1 RESTROOM DOOR SIGN\_MEN  
6" = 1'-0"



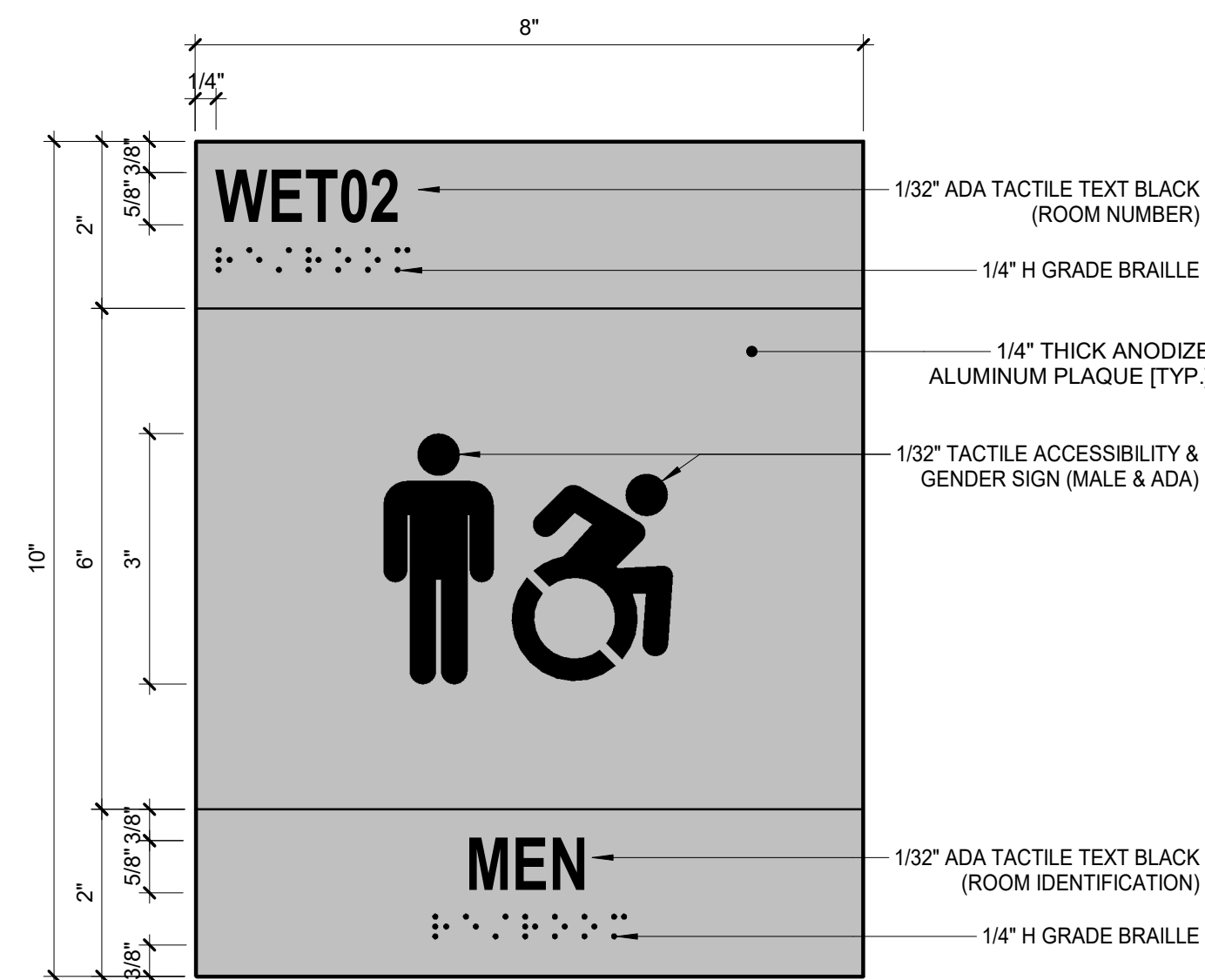
5 PRD2/SRD2 RESTROOM DOOR SIGN\_WOMEN  
6" = 1'-0"



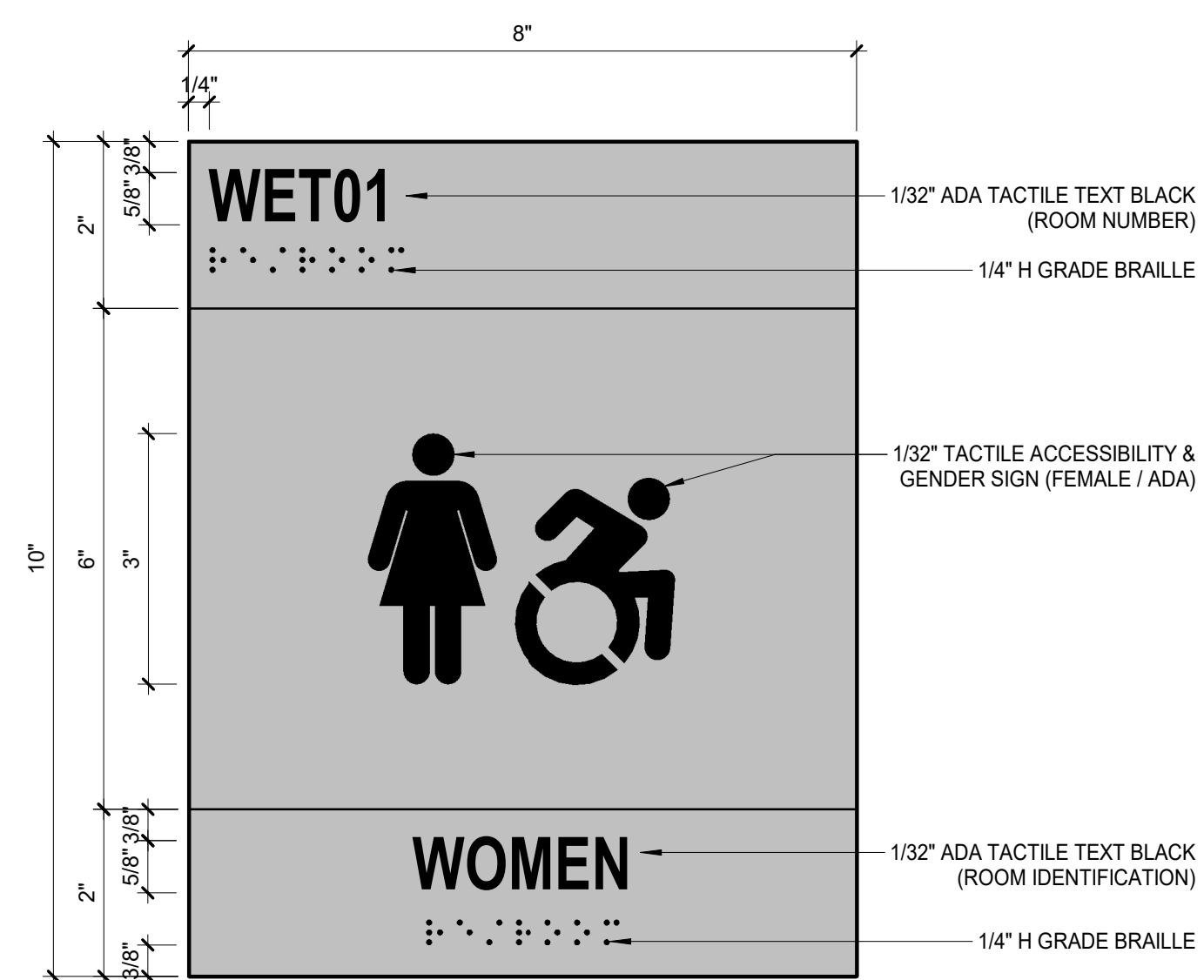
6 PRD1/SRD1 RESTROOM DOOR SIGN\_UNISEX  
6" = 1'-0"



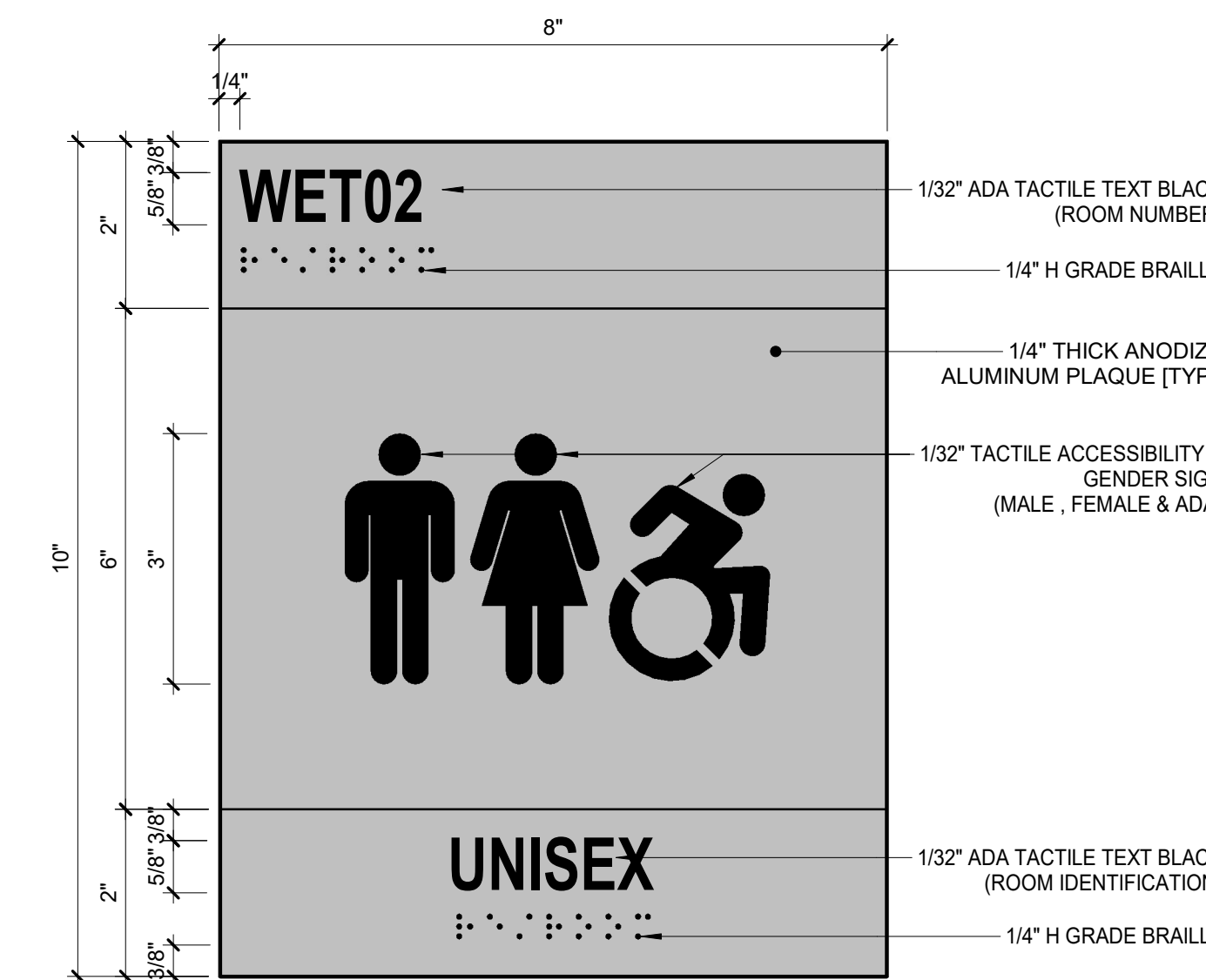
10 RESTROOM ENTRANCE SIGN MOUNTING  
1/2" = 1'-0"



7 PRD1/SRD1 RESTROOM DOOR SIGN  
6" = 1'-0"

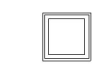


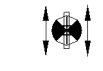


8 PRD2/SRD2 RESTROOM DOOR SIGN  
6" = 1'-0"



9 PRD1/SRD1 RESTROOM DOOR SIGN\_UNISEX W/ ADA  
6" = 1'-0"

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	REVISION NUMBER DATE MADE BY APP'D BY REVISION	<b>RECORD DRAWING CERTIFICATION</b> <input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES
CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____	CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		CONTRACT NUMBER: 20-502 SHEET NO. 52 OF 133 SCALE: As indicated DATE: 01-19-2024 DPW FILE NO. 52-11-A-1864-0

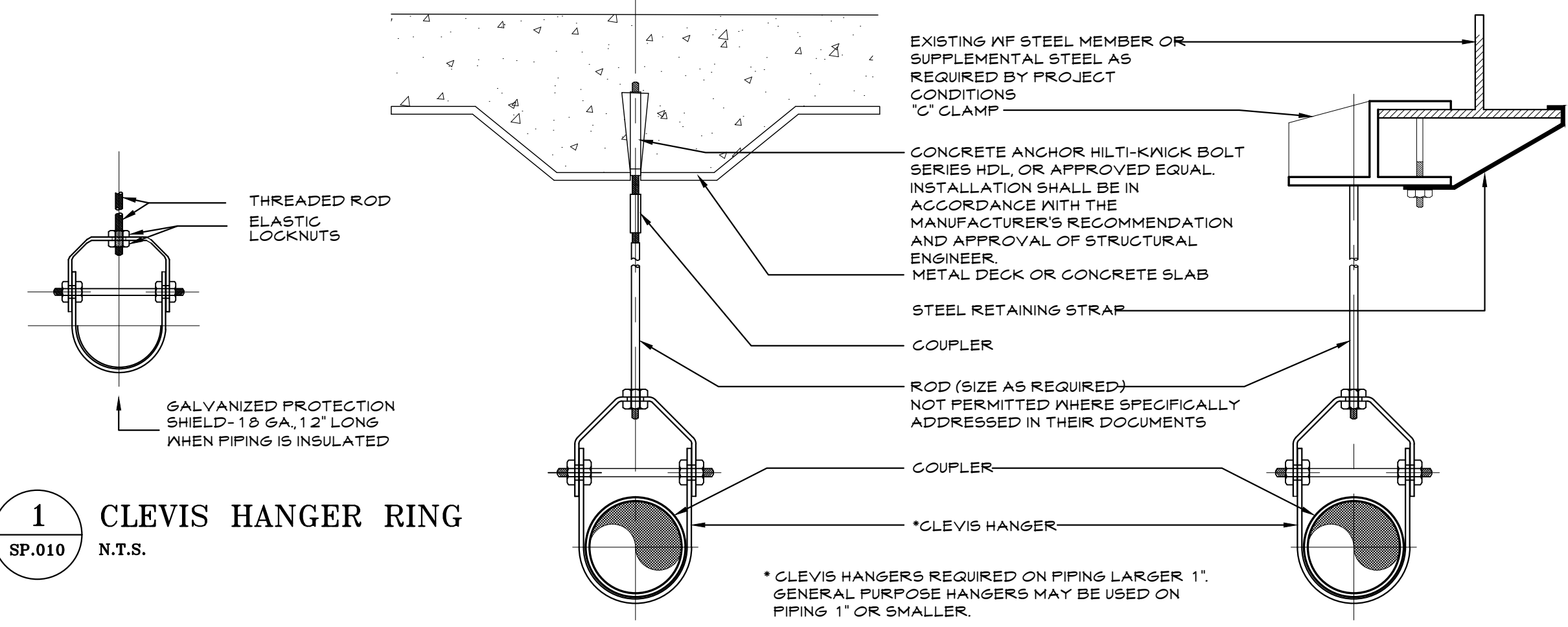
LIGHT FIXTURE SCHEDULE						
TYPE	SYMBOL	DESCRIPTION	MANFR / SERIES	MODEL NO.	LAMPS	NOTES/ACCESSORIES
F1 F1A		2' X 2' LED RECESSED TROFFER	EATON CORELITE BRIDGE	BRG-WS-4-L35-LD2-UNV-22-T1-STD	LED ENGINE PROVIDING APPROX. 3600 LUMENS AT 33.8W INCLUDED.	SEE ENGINEERING CIRCUITING FOR SWITCHING AND DIMMING DESIGN. PROVIDE GYPSUM BOARD RECESSED FLANGE FOR F1A FIXTURE.
F2		6" SQUARE RECESSED WIDE BEAM LED DOWNLIGHT	COOPER PORTFOLIO LDSQ6B SERIES	LDSQ6B-30-DE010-EU6B-3050-90-35-6LB-SQ-0-LI	INCLUDED LED WITH 3000 LUMEN OUTPUT AT 27.6W.	SEE ENGINEERING CIRCUITING FOR SWITCHING AND DIMMING DESIGN.
F3		6" X 4' LED RECESSED	ATLANTIC LIGHTING ZOOM	ZR-66SC-D-WA-LED1650-35K-4-FR-WH	LED 1650 LUMENS AT 13W	PROVIDE WIDE FLANGE TO FILL EXISTING OPENING
ES-1		CEILING RECESSED MOUNTED EDGE LIT EXIT SIGN WITH EMERG. POWER	ATLITE MARATHON SERIES	TS-C-1/2"-8-RW-SA-**	INCLUDED LED	* SIDES AS SHOWN ON DRAWINGS ** ARROWS AS SHOWN ON DRAWINGS

NOTES:

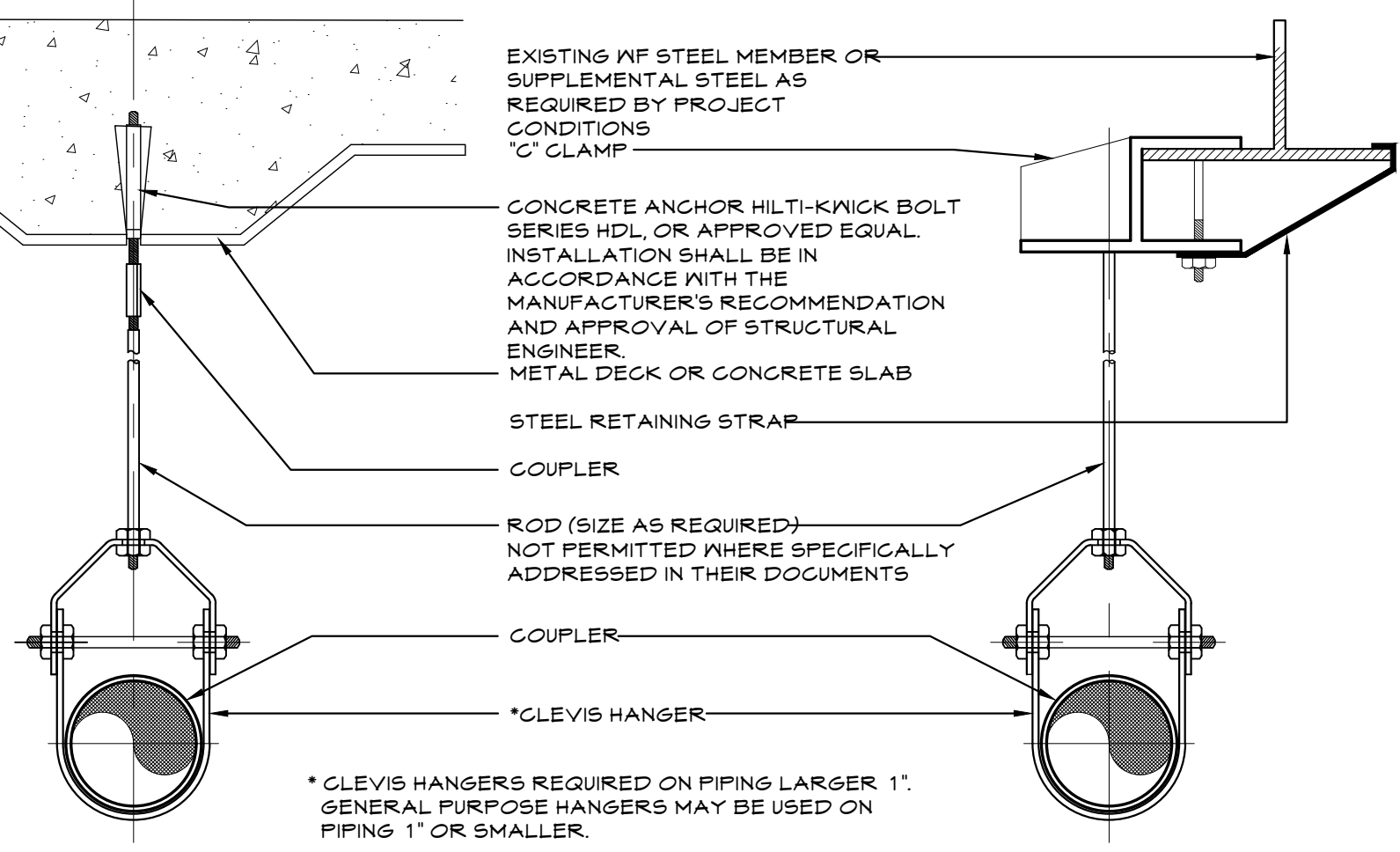
- ALL LED LAMPS TO BE 4000K, 80 MIN CRI, UNLESS NOTED OTHERWISE
- WHERE "EM" IS SHOWN ON ELECTRICAL ENGINEERING DRAWINGS, PROVIDE THE SPECIFIED FIXTURE WITH A BUILT-IN OR REMOTE EMERGENCY BATTERY PACK.
- PROVIDE ALL REQUIRED MOUNTING ACCESSORIES FOR LOCATIONS SHOWN.

SCHEDULE OF FINISHES				
FINISH DESIGNATION	DESCRIPTION	MANUFACTURER	COLOR / MODEL NO.	NOTES
P-1	PAINT	BENJAMIN MOORE	OC - 149 DECORATOR WHITE	TYPICAL WALL PAINT COLOR WHERE NO OTHER COLOR IS INDICATED
P-2	PAINT	BENJAMIN MOORE	2133 - 60 SIDEWALK GRAY	LIGHT GRAY - PUBLIC SPACES
SS-1	SOLID SURFACE	KRION TERRAZZO SRIES	GRIGIO CLASSICO T904	WAINSCOT AND BACK WALLS SHEETS 1/2" X 30" X 145"
SS-2	SOLID SURFACE	KRION ROYAL +	ROYAL LUX CRYSTAL WHITE 8101	UPPER WALLS SHEETS 1/2" X 30" X 145"
SS-3	SOLID SURFACE	CORIAN	EVEREST	WHITE MATRIX -FOR SLOAN LAVATORIES
VT-1	RESILIENT FLOOR TILES	TARKETT MESHWORK	WOODSMOKE	12" X 36" VINYL TILE PRE-PURCHASED VT-1, ABOUT 1,300 SQ.FT. TO BE PROVIDE BY THE COUNTY. CONTRACTOR VERIFY AND PROVIDE REST OF REQUIRED TILES.
CT-1	CERAMIC TILE	DALTILE ASTRONOMY	NEBULA AT73	LOBBY FLOOR, 18" X 18" TILE OUTDOOR GRADE SLIP RESISTANCE
CT-2	CERAMIC TILE	DALTILE REMINISCENT	RECLAIMED GRAY RM 23	RESTROOM FLOORS, 12" X 24" TILE OUTDOOR GRADE SLIP RESISTANCE
CT-3	CERAMIC TILE	DALTILE FLORENTINE	CARRARA FL06	RESTROOM WALLS, 24" X 24" TILE
C-1	CARPET	TARKETT 1138 OFFSET	SCREEN TINT (DK GRAY) FLASHPOINT (LIGHT GRAY)	BLEND TWO GRAY COLORS IN PATTERN MODULAR 18" X 36"
VB-1	VINYL BASE	JOHNSONITE	TBD	
SB-1	METAL BASE			4"H FORMED ALUMINUM WITH POWDER COATED FINISH TO MATCH STOREFRONT GF-1
CB-1	COVE BASE	SCHLUTER SYSTEMS	SCHLUTER-DILEX-AHK	

	CONSULTANT INFORMATION		
	<p align="center"><b>Graf &amp; Lewent</b> Architects LLP</p> <p align="center">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>		
REVISION NUMBER	DATE	MADE BY	APP'D BY
REVISION			
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		CONTRACTOR	
NAME:	NAME:	SIGNATURE:	SIGNATURE:
TITLE:	TITLE:	DATE:	DATE:
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	A-304
DIVISION OF ENGINEERING		SHEET NO. 53	OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE:	1/8" = 1'-0"
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: 01-19-2024	Issue Date
WHITE PLAINS, NEW YORK		DPW FILE NO.	REV NO.
SCHEDULE OF LIGHT FIXTURES AND FINISHES		52-11-A-1865-0	



**1** CLEVIS HANGER RING  
SP.010 N.T.S.



**2** TYPICAL HANGER DETAIL  
SP.010 N.T.S.

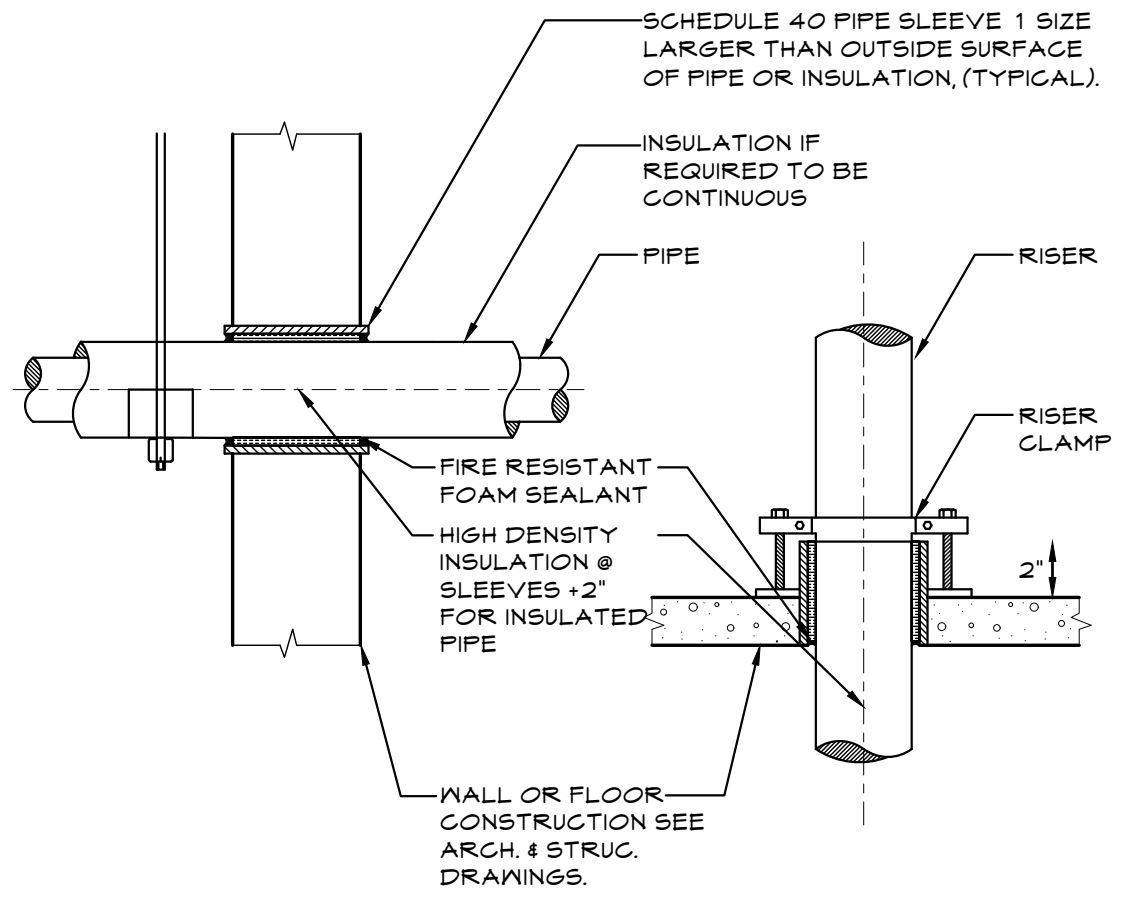
ABBREVIATIONS	
ABBREV.	DESCRIPTION
AB.D.	AUTOMATIC BALL DRIP
AD.	ACCESS DOOR
A.F.F.	ABOVE FINISHED FLOOR
ATS	AUTOMATIC TRANSFER SWITCH
B.O.P.	BOTTOM OF PIPE
C.L.S.	CENTER LINE
CONN.	CONNECTION
CV	CHECK VALVE
D.C.C.D.A.	DOUBLE CHECK DETECTOR ASSEMBLY
DIA.	DIAMETER
DR.	DRAIN
DOWN	DOWN (PENETRATES FLOOR SLAB)
DRAW.	DRAWING
ELEV.	ELEVATION
EXIST.	EXISTING
F.C.A.	FLOOR CONTROL ASSEMBLY
F.D.C.	FIRE DEPARTMENT CONNECTION
FF	FINISHED FLOOR
FHV	FIRE HOSE VALVE
FV.C.	FIRE HOSE VALVE IN CABINET
F.S.P.	FLOOR STANDPIPE
F.D.	FLOOR DRAIN
FT.	FEET
FUN. DR.	FUNNEL DRAIN
GC.	GENERAL CONTRACTOR
G.V.	GATE VALVE
GAL.	GALLONS
G.P.M.	GALLONS PER MINUTE
H.C.	HUNG CEILING
I.D.	INSIDE DIAMETER
IN.	INCH
MAX.	MAXIMUM
MIN.	MINIMUM
N.C.	NORMALLY CLOSED
N.F.P.A.	NATIONAL FIRE PROTECTION ASSOCIATION
N.O.	NORMALLY OPEN
N.T.S.	NOT TO SCALE
O.D.	OUTSIDE DIAMETER
O.S.H.V.	OUTSIDE SCREEN & YOKE GATE VALVE
P.A.	PREACTION SPRINKLER PIPING
P.D.	PUMP DISCHARGE
P.I.V.	POST INDICATOR VALVE
P.R.V.	PRESSURE REDUCING VALVE
R.C.V.	RISER CONTROL VALVE
S.L.V.	SLEEVE SPRINKLER
SPKR.	SPRINKLER
T.O.S.	TOP OF SLAB
T.S.	TAMPER SWITCH
U.O.N.	UNLESS OTHERWISE NOTED
V.	VALVE
WF	WATER FLOW SWITCH
WS	WINDOW SPRINKLER

SYMBOLS	
SYMBOL	DESCRIPTION
—	NEW PIPING (FSP & SPRINKLER)
---DR---	SPRINKLER DRAIN PIPE
OS.H.V.	OS.H.V. VALVE
F.D.C.	FIRE DEPARTMENT CONNECTION
F.P.T.H.	FIRE PUMP TEST HEADER
SQ. FT.	SQUARE FOOT
F.C.A.	FLOOR CONTROL ASSEMBLY
TS	TAMPER SWITCH
TS*	INDICATES TAMPER SWITCH AT SUPERVISED CONTROL VALVE SELF CONTAINED.
WF	WATER FLOW SWITCH
CV	CHECK VALVE
PIPE RISE	PIPE RISE
PIPE DROP	PIPE DROP
1	DETAIL NUMBER
SP	SYSTEM PREFIX
1	RISER NUMBER
◇	DELUGE VALVE
F.V.C.	FIRE VALVE CABINET
WS	WINDOW SPRINKLER

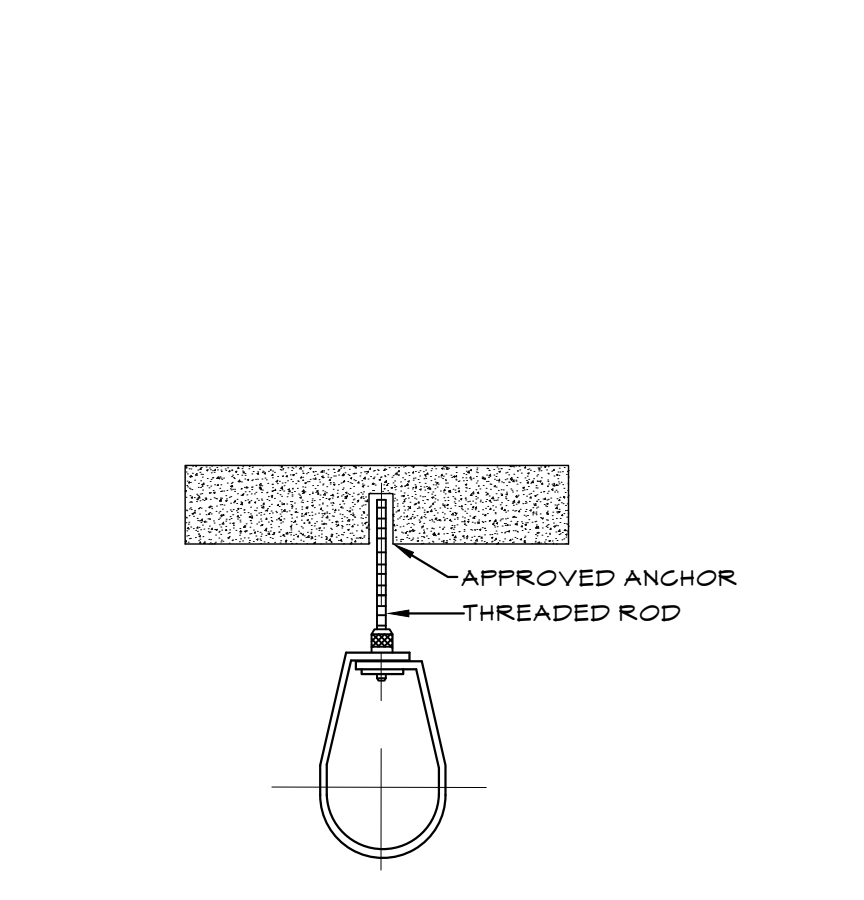
DRAWING-ISSUE LIST						
Sheet #	Rev. #	Sheet Title	2023.09.01 100% SUBMISSION	2023.02.19 RESPONSE LETTER COMMENTS	2023.09.04 RESPONSE LETTER COMMENTS	2023.11.01 RESPONSE TO REVISIONER COUNTY COMMENTS
SP-010	00	SYMBOLS, ABBREVIATIONS, NOTES, SCHEDULES AND DETAILS	X	X	X	X
SP-030	00	COMBINATION SPRINKLER/STANDPIPE RISER DIAGRAM	X	X	X	X
SP-102	00	SPRINKLER PLAN - 1ST FLOOR CENTRAL RING	X	X	X	X
SP-103	00	SPRINKLER PLAN - 1ST FLOOR NORTH RING	X	X	X	X
SP-104	00	SPRINKLER PLAN - 2ND FLOOR CENTRAL RING	X	X	X	X
SP-105	00	SPRINKLER PLAN - 2ND FLOOR NORTH RING	X	X	X	X

SPRINKLER HEAD SCHEDULE						
SYMBOL	TYPE	STANDARD PRESSURE MODEL	K FACTOR	TEMPERATURE	NOMINAL ORIFICE SIZE	REMARKS
●	CONCEALED PENDENT	64A	5.6	135°F COVERPLATE 165°F SPRINKLER	1/2"	UL LISTED - CATEGORY VNIW
○	UPRIGHT PENDANT	F1FR56 RA1425	5.6	165°F SPRINKLER	1/2"	UL LISTED - CATEGORY VNIW
◀	SIWEMALL	F1FR	5.6	155°F SPRINKLER	1/2"	UL LISTED - CATEGORY VNIW

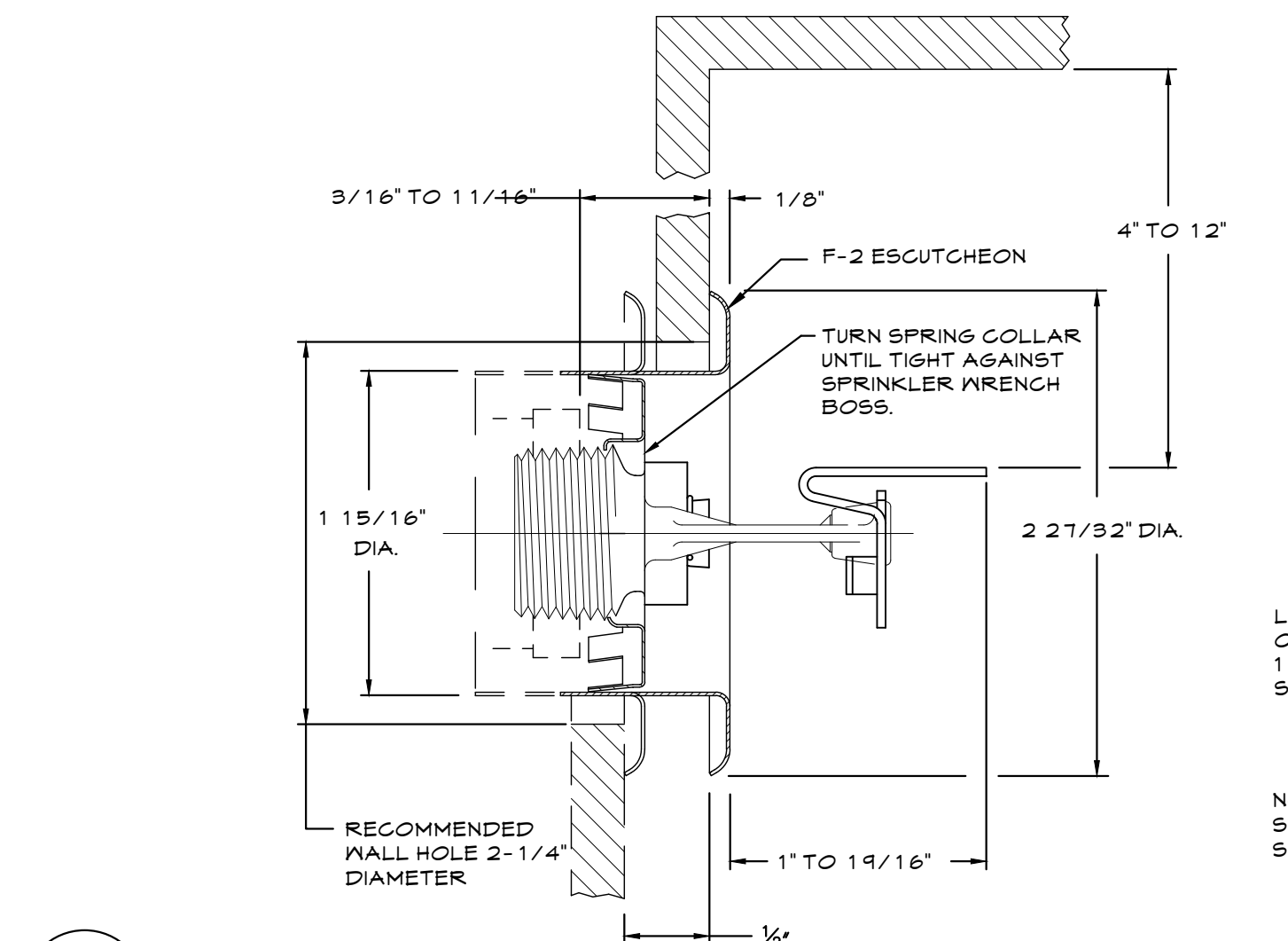
SPRINKLER HEAD SPACING REQUIREMENTS		
THE TABLE SHOWS SPRINKLER SPACING REQUIREMENTS BASED ON NFPA 13. THIS TABLE SHALL BE USED ONLY AS A TOOL FOR ARCHITECTS.		
OCCUPANCY HAZARD	SQUARE FOOT PER HEAD	MAXIMUM SPACING BETWEEN SPRINKLERS
LIGHT HAZARD (OFFICE EDUCATIONAL, RELIGIOUS, INSTITUTIONAL, HOSPITALS, RESTAURANTS, CLUBS, THEATERS, ETC.)	130-200 SF PER HEAD (BASED ON OBSTRUCTIONS AND FLOW CALCS)	15 FEET
REQUIRED PRESSURE: 7 POUNDS PER SQUARE INCH MINIMUM WITH A 5.6 K-FACTOR.		
MAXIMUM DISTANCE FROM WALL: HALF (1/2) OF THE MAXIMUM DISTANCE BETWEEN SPRINKLER HEADS.		
MINIMUM DISTANCE BETWEEN SPRINKLERS: TYPICALLY 6'-0".		
DISTANCE FROM CEILING: MINIMUM 1", MAXIMUM 12" FOR UNOBSTRUCTED CONSTRUCTION. THE MINIMUM 1" IS TYPICAL HOWEVER, CONCEALED, RECESSED AND FLUSH SPRINKLERS MAY BE MOUNTED LESS THAN 1" FROM THE CEILING AND SHALL BE INSTALLED BASED ON THEIR LISTING.		
EXTENDED COVERAGE SPRINKLER HEADS		
IN SOME CIRCUMSTANCES, STANDARD DISTRIBUTION SPRINKLER HEADS WILL NOT PROVIDE ENOUGH COVERAGE. IN THESE CASES, EXTENDED COVERAGE SPRINKLER HEADS CAN BE INSTALLED TO INCREASE THE SPACING BETWEEN HEADS. EXTENDED COVERAGE SPRINKLERS HAVE A WATER DISTRIBUTION RADIUS OF LITTLE OVER 10 FEET, SO THEY CAN BE SPACED APPROXIMATELY 20 FEET APART.		



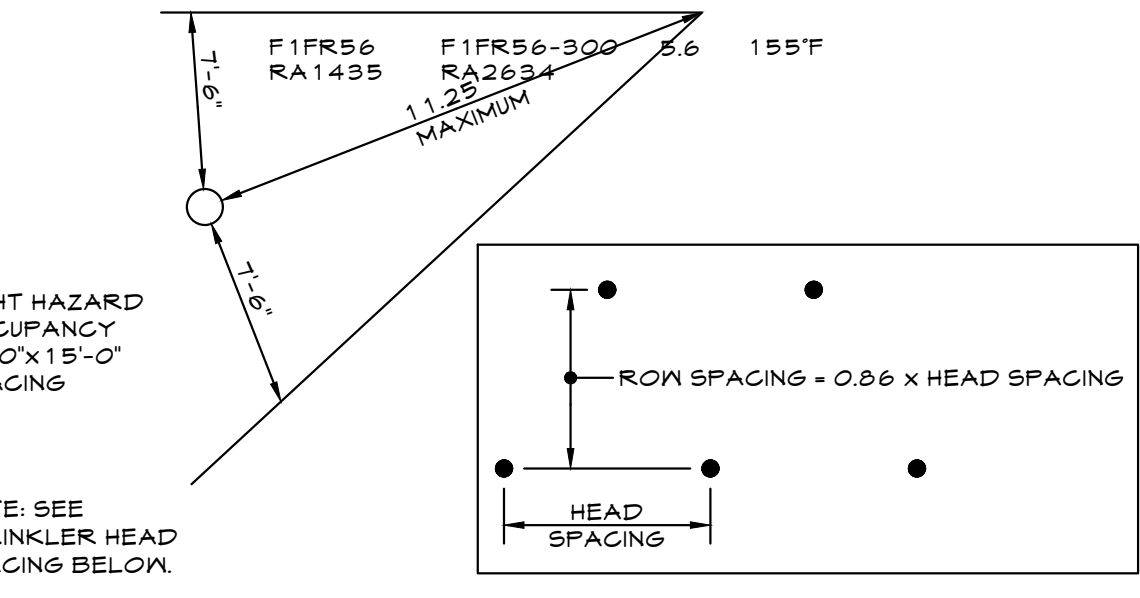
**3** PIPE SLEEVE FOR RATED FLOOR/WALL DETAILS  
SP.010 N.T.S.



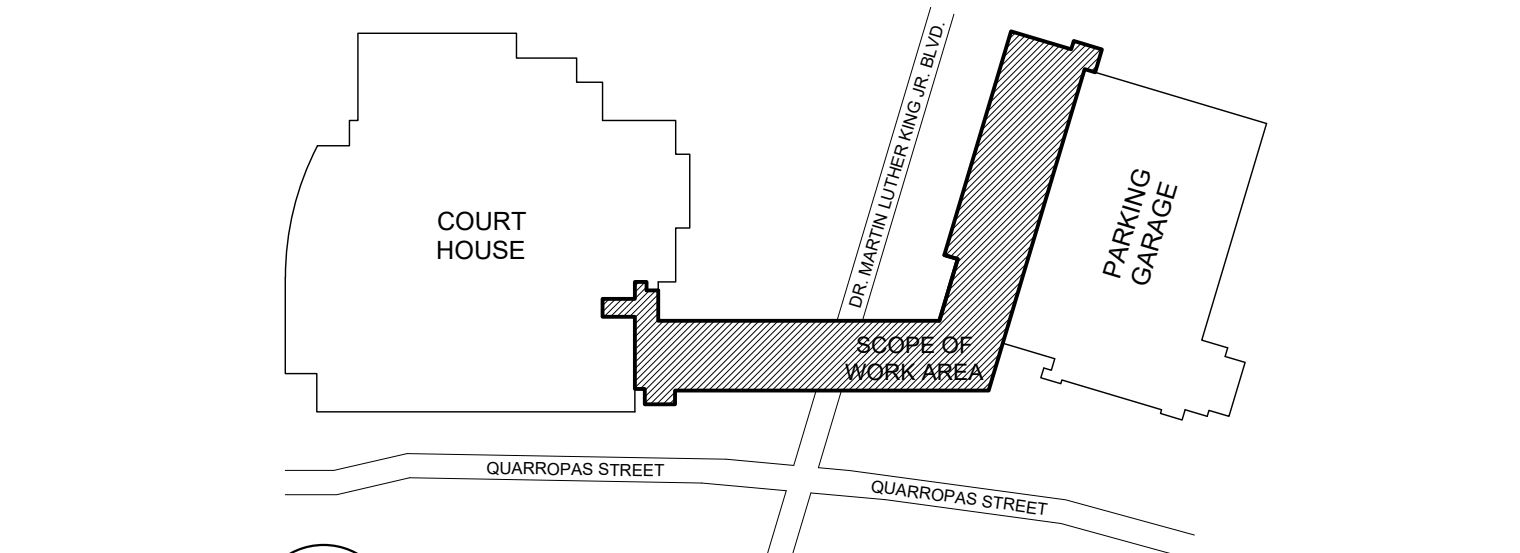
**4** ADJUSTABLE SWIVEL RING  
SP.010 N.T.S.



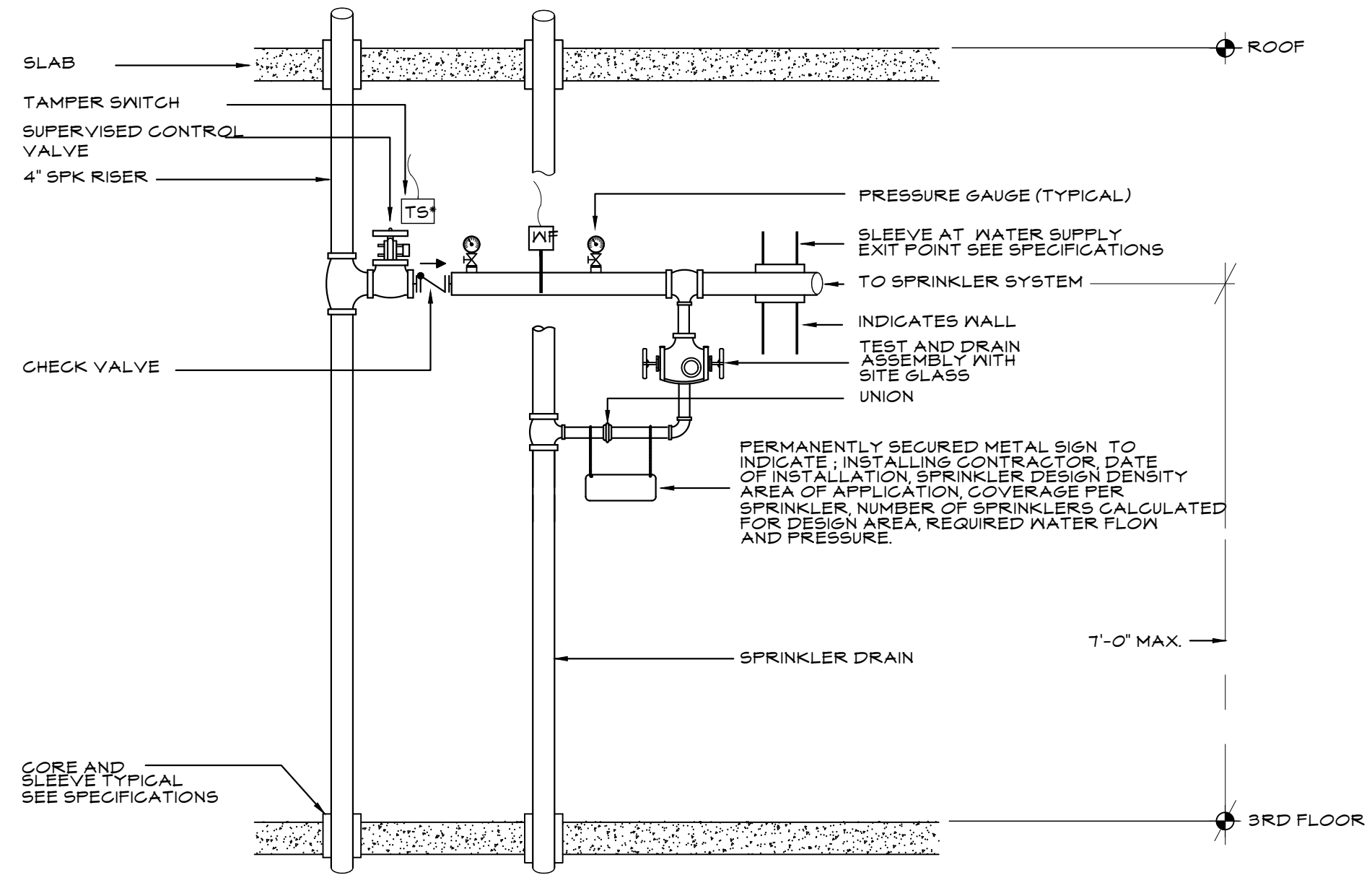
**5** RELIABLE SIWEMALL SPRINKLER  
SP.010 N.T.S.



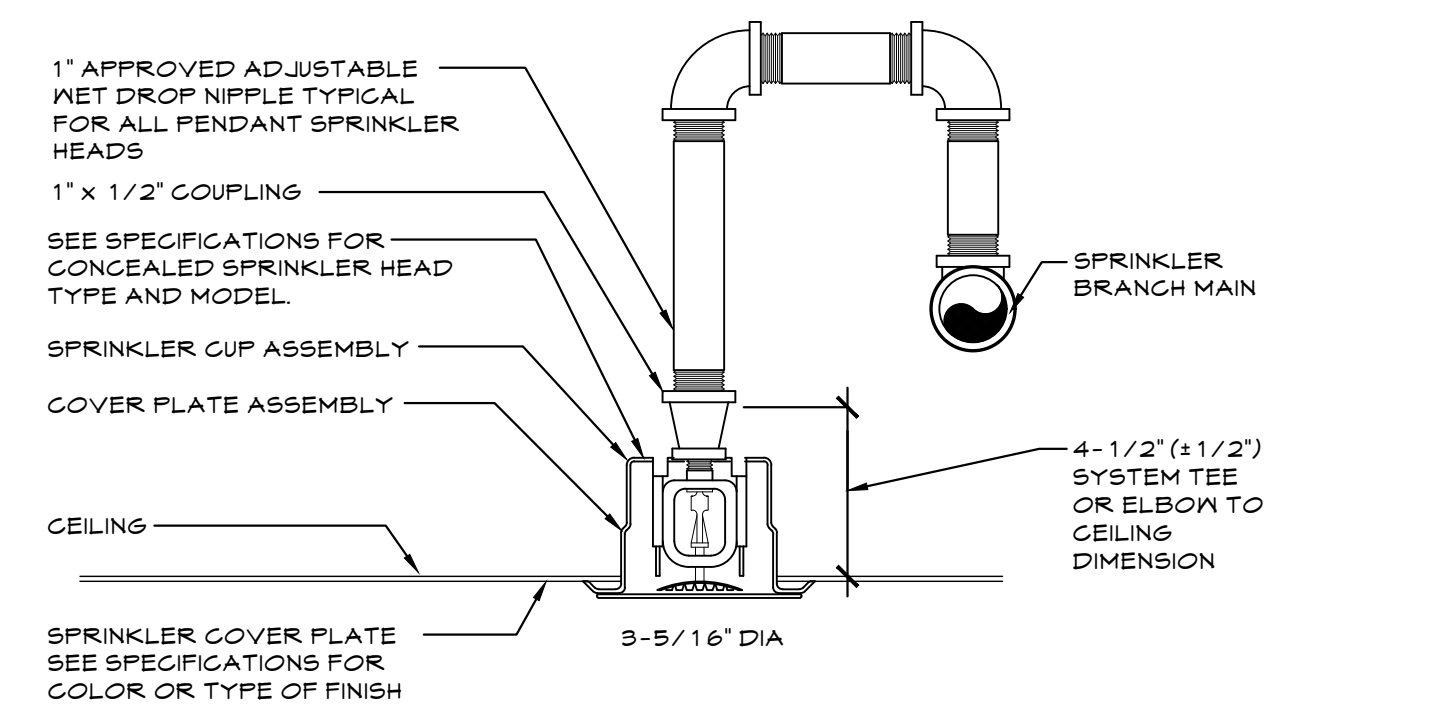
**6** MAXIMUM DISTANCE FROM WALL SPRINKLER SPACING REQUIREMENTS  
SP.010 N.T.S.



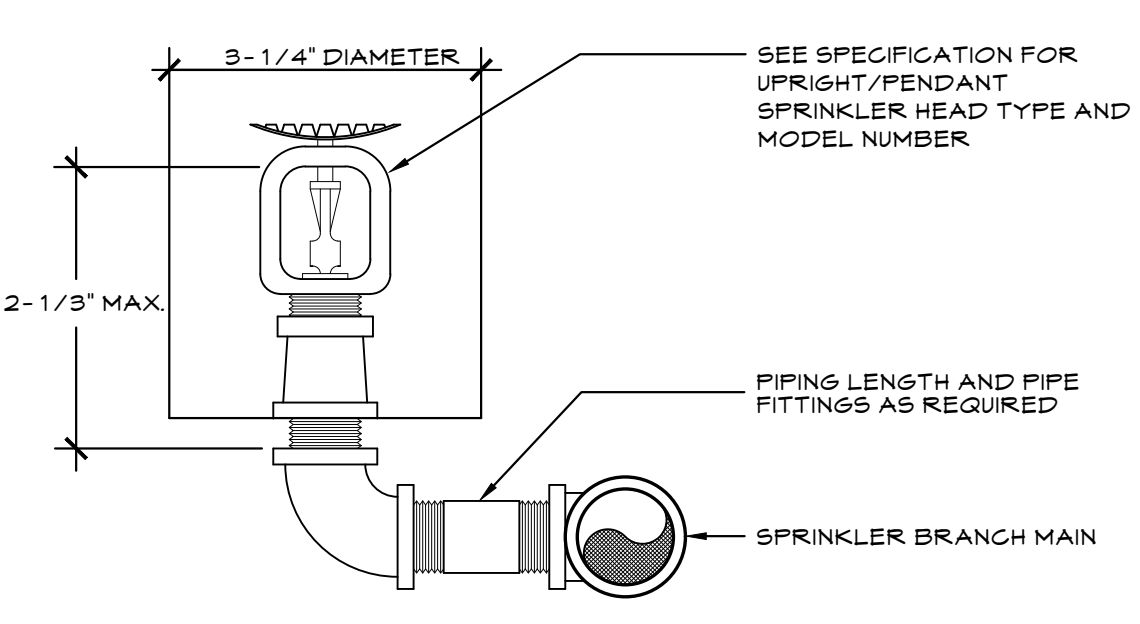
**10** KEY PLAN  
SP.010 N.T.S.



**7** FLOOR CONTROL ASSEMBLY DETAIL  
SP.010 N.T.S.



**8** TYPICAL CONCEALED SPRINKLER HEAD DETAIL  
SP.010 N.T.S.

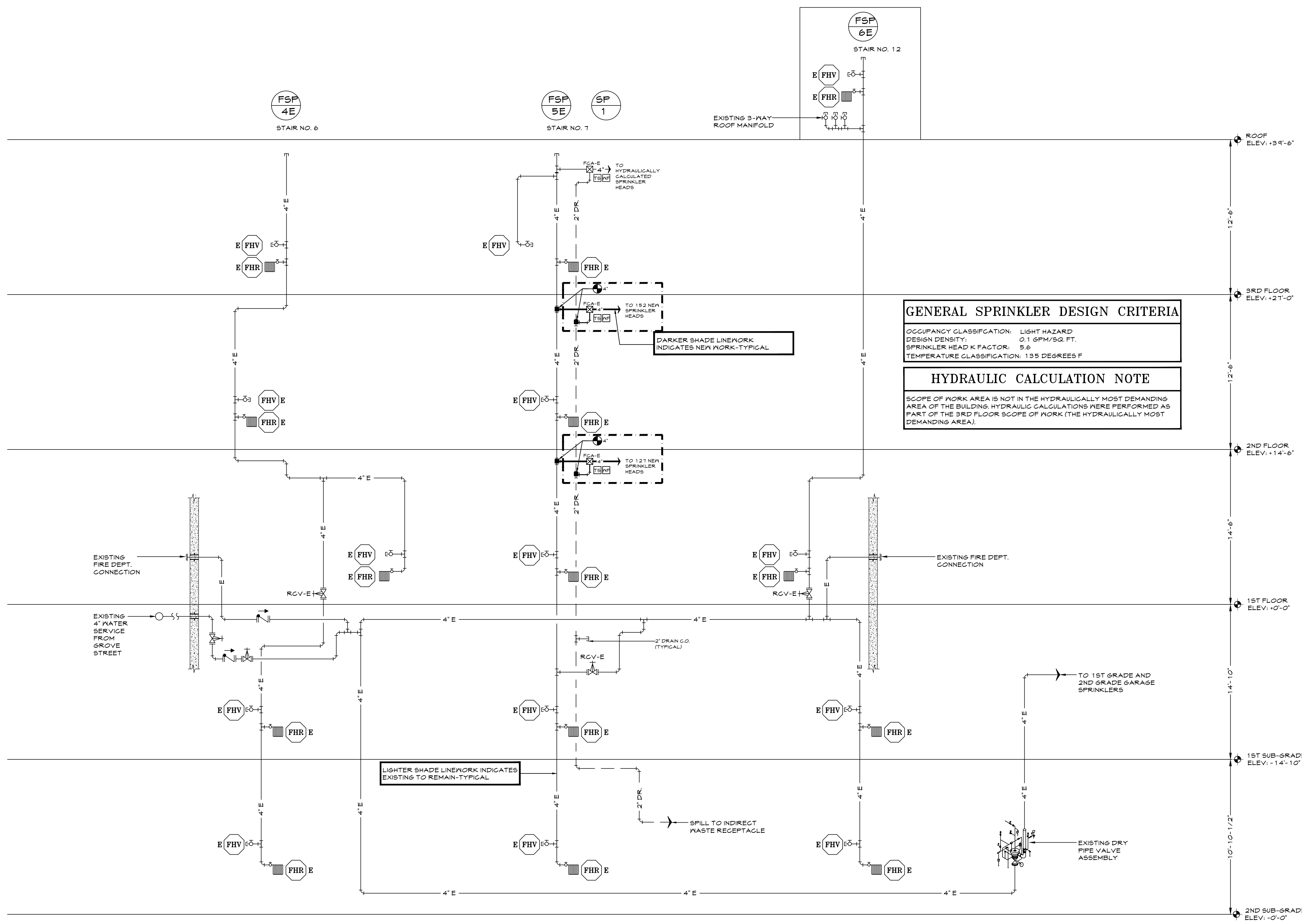


**9** TYPICAL UPRIGHT PENDANT SPRINKLER HEAD  
SP.010 N.T.S.

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**POLISE**  
CONSULTING ENGINEERS O.P.C.  
133 WEST 19TH STREET  
NEW YORK, NY 10011  
TEL: 212-645-1002  
WWW.POLISE.COM

CONSULTANT SEAL	CONSULTANT INFORMATION																				
	<b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989																				
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CONTRACTOR		CONTRACTOR																			
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502 <b>SP-010</b>																			
DIVISION OF ENGINEERING		SHEET NO. 54 OF 133																			
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: JAN 19, 2024																			
SYMBOLS, ABBREVIATIONS, NOTES AND SCHEDULES		DPW FILE NO. 52-01-SP-1866 REV NO. 0																			



**GENERAL SPRINKLER DESIGN CRITERIA**

OCCUPANCY CLASSIFICATION: LIGHT HAZARD  
 DESIGN DENSITY: 0.1 GPM/SQ. FT.  
 SPRINKLER HEAD K FACTOR: 5.6  
 TEMPERATURE CLASSIFICATION: 135 DEGREES F

**HYDRAULIC CALCULATION NOTE**

SCOPE OF WORK AREA IS NOT IN THE HYDRAULICALLY MOST DEMANDING AREA OF THE BUILDING. HYDRAULIC CALCULATIONS WERE PERFORMED AS PART OF THE 3RD FLOOR SCOPE OF WORK (THE HYDRAULICALLY MOST DEMANDING AREA).

DARKER SHADE LINEWORK INDICATES NEW WORK-TYPICAL

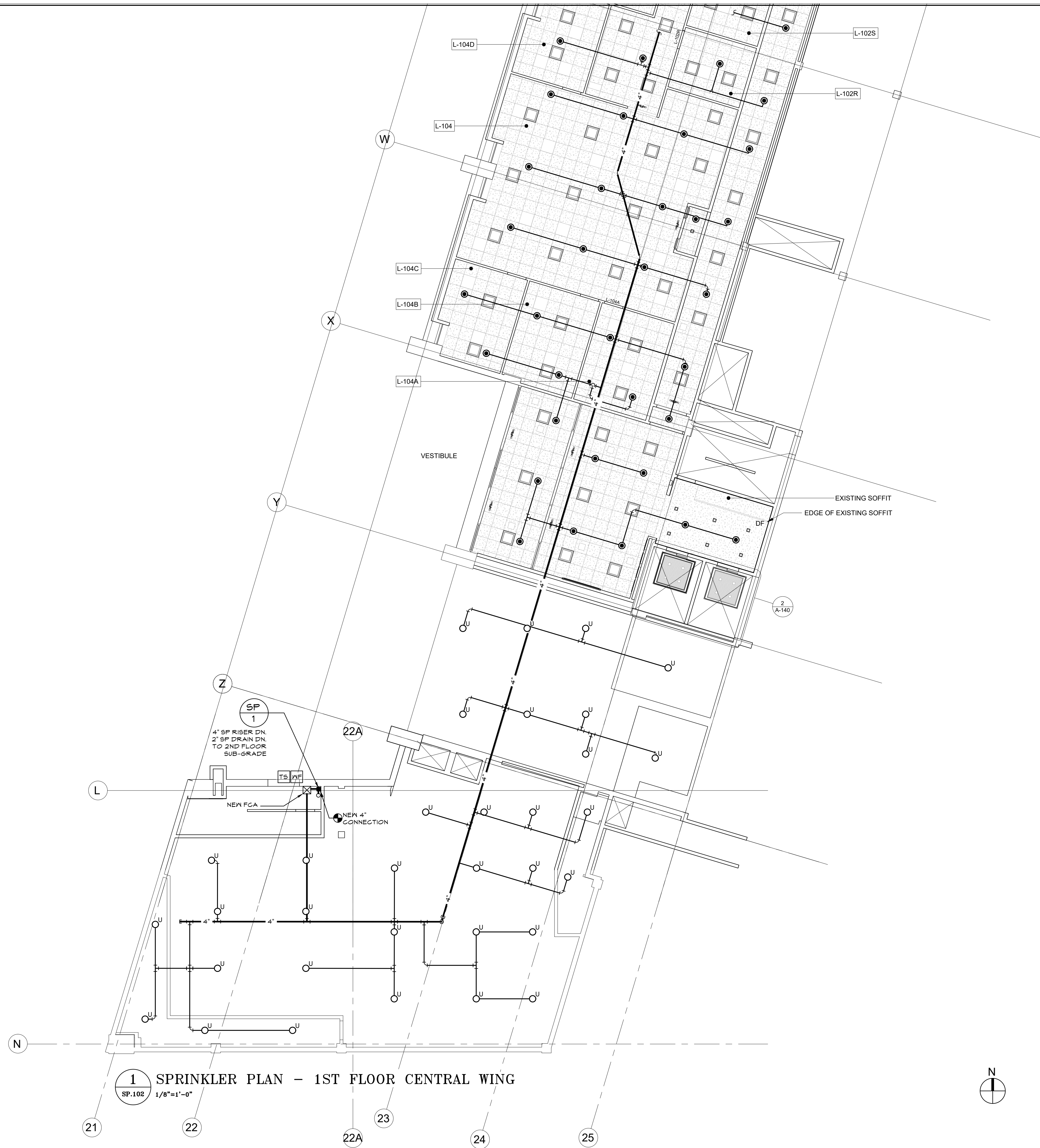
LIGHTER SHADE LINEWORK INDICATES EXISTING TO REMAIN-TYPICAL

**1** COMBINATION SPRINKLER/STANDPIPE RISER DIAGRAM  
 FP-030 N.T.S.

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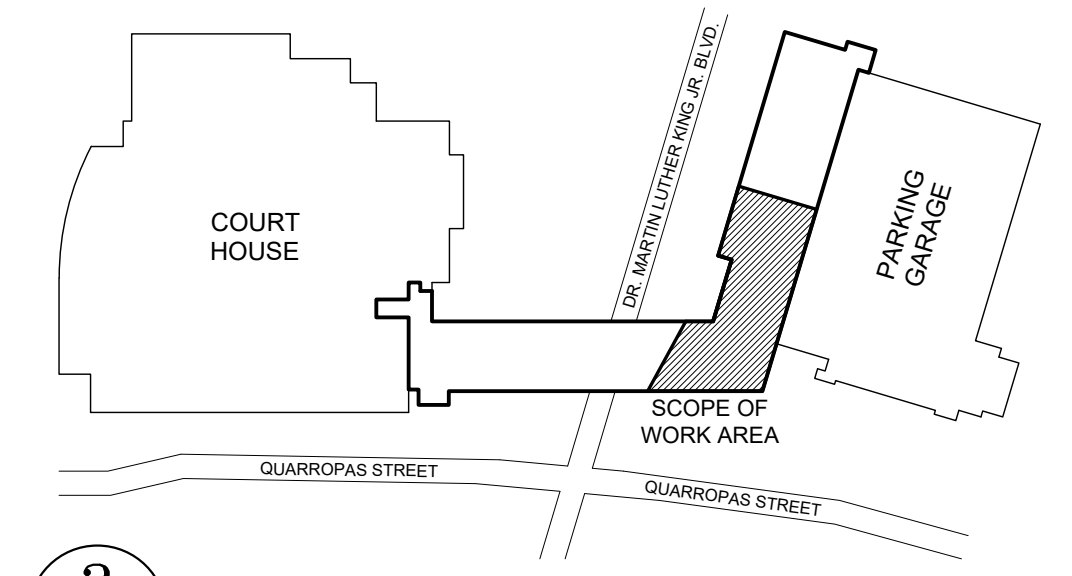
CONSULTANT SEAL		CONSULTANT INFORMATION	
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TITLE:	DATE:	TITLE:	DATE:
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER <b>SP-030</b>
DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SHEET NO. 55 OF 133	SCALE: AS NOTED
COMBINATION SPRINKLER/STANDPIPE RISER DIAGRAM		DATE: JAN 19, 2024	REV NO. 0
		DPW FILE NO. 52-01-SP-1867	



**1** SPRINKLER PLAN - 1ST FLOOR CENTRAL WING  
SP.102 1/8"=1'-0"

SPRINKLER HEAD COUNT	
NO.	NOTE
68	NEW SPRINKLER HEADS
68	TOTAL

BRANCH PIPE SIZE SCHEDULE	
1"	2 SPRINKLER HEADS
1-1/4"	3 SPRINKLER HEADS
1-1/2"	4 SPRINKLER HEADS
2"	UP TO 6 SPRINKLER HEADS



**2** KEY PLAN  
SP.102 NTS

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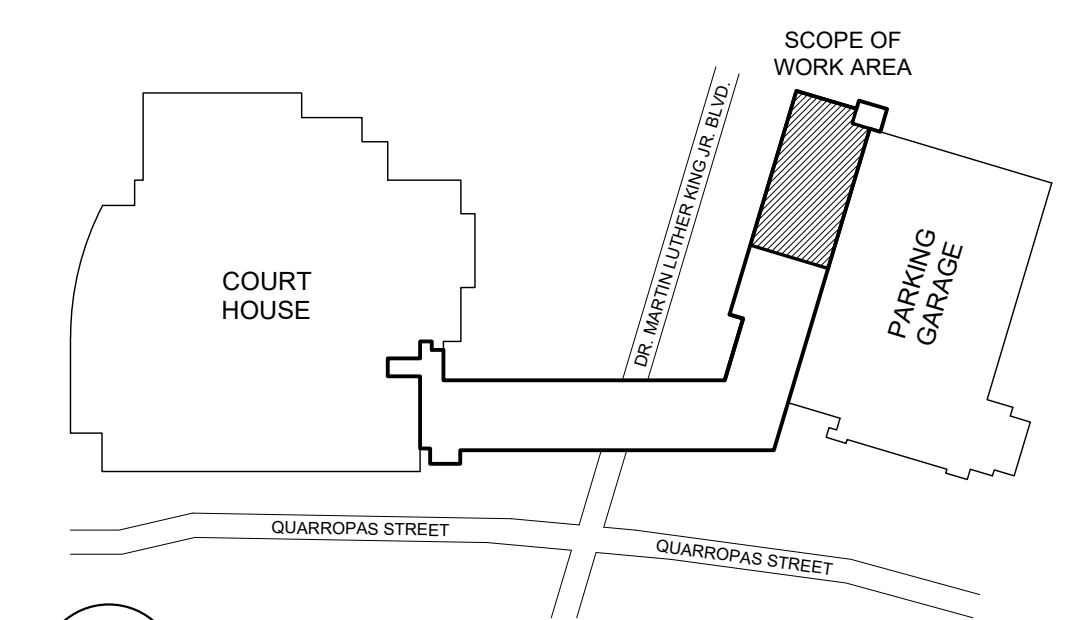
	<b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989																									
	<table border="1"> <thead> <tr> <th>REVISION NUMBER</th> <th>DATE</th> <th>MADE BY</th> <th>APP'D BY</th> <th>REVISION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION																			
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION																						
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<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____																								
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 SPRINKLER PLAN - 1ST FLOOR CENTRAL WING		CONTRACT NUMBER: 20-502 SHEET NO. 56 OF 133 SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-01-SP-1868 REV NO. 0																								





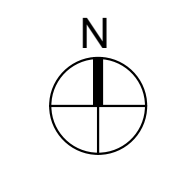
SPRINKLER HEAD COUNT	
NO.	NOTE
59	NEW SPRINKLER HEADS
59	TOTAL

BRANCH PIPE SIZE SCHEDULE	
1"	2 SPRINKLER HEADS
1-1/4"	3 SPRINKLER HEADS
1-1/2"	4 SPRINKLER HEADS
2"	UP TO 6 SPRINKLER HEADS



**2**  
SP.103  
KEY PLAN  
NTS

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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	SP-103	
DIVISION OF ENGINEERING		SHEET NO. 57 OF 133		
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED		
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: JAN 19, 2024		
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.		
SPRINKLER PLAN - 1ST FLOOR NORTH WING		52-01-SP-1869	REV NO.	0

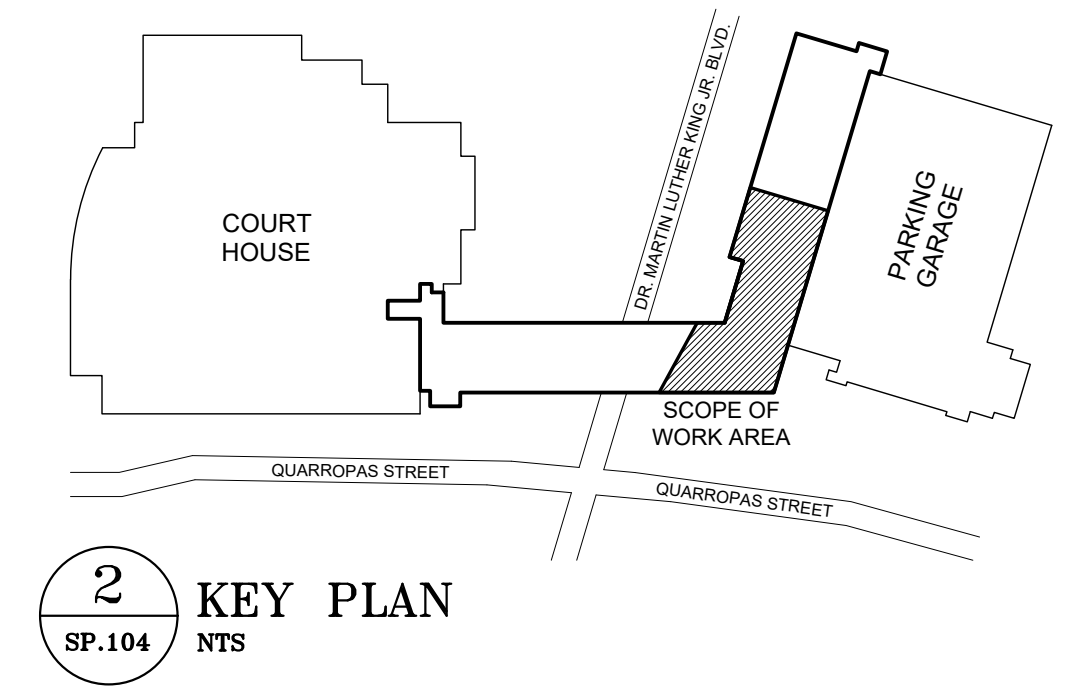
**1**  
SP.103  
1/8"=1'-0"  
SPRINKLER PLAN -- 1ST FLOOR NORTH WING



**1** SPRINKLER PLAN - 2ND FLOOR CENTRAL WING  
 SP.104 1/8"=1'-0"

SPRINKLER HEAD COUNT	
NO.	NOTE
75	NEW SPRINKLER HEADS
75	TOTAL

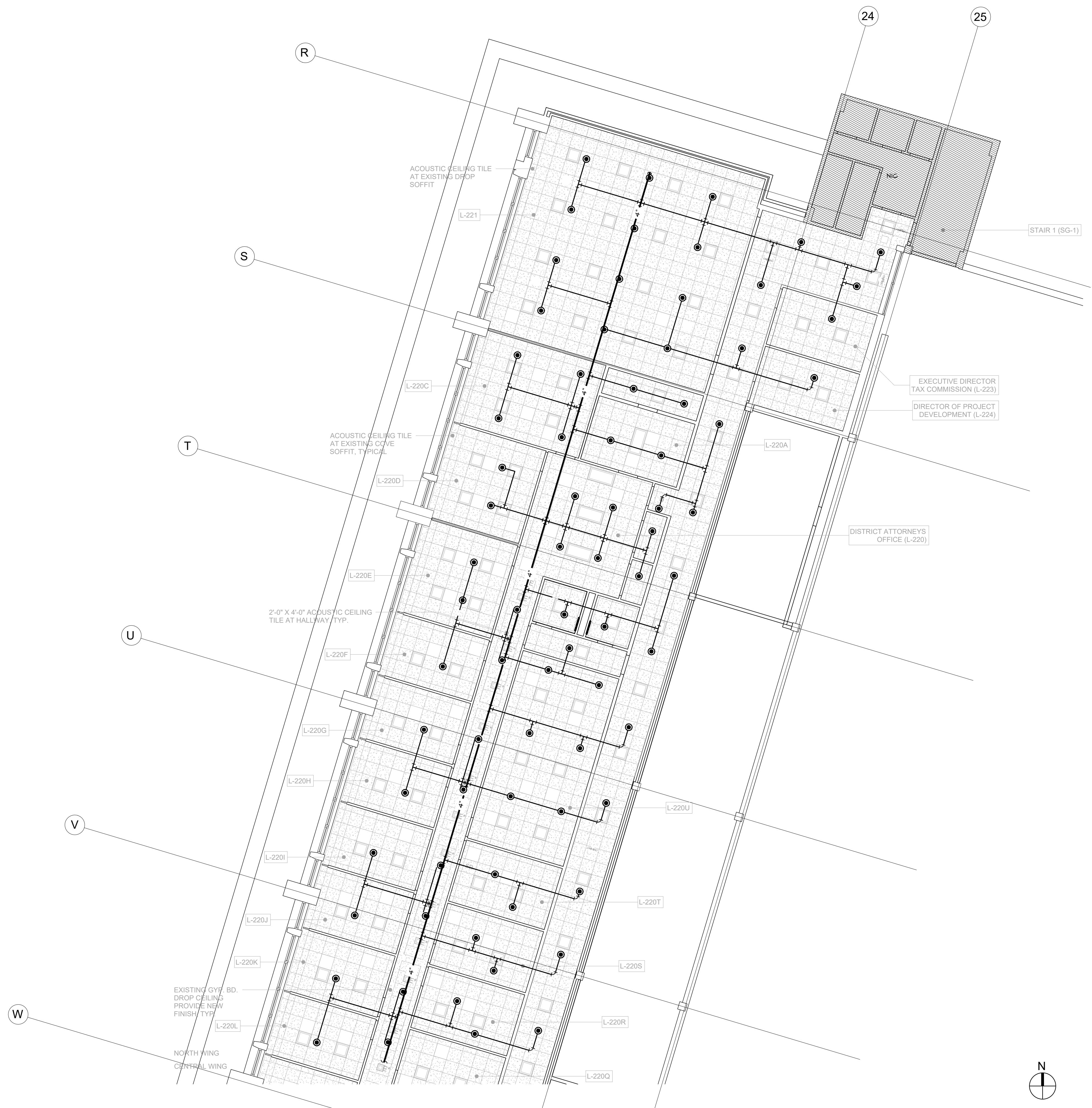
BRANCH PIPE SIZE SCHEDULE	
1"	2 SPRINKLER HEADS
1-1/4"	3 SPRINKLER HEADS
1-1/2"	4 SPRINKLER HEADS
2"	UP TO 6 SPRINKLER HEADS



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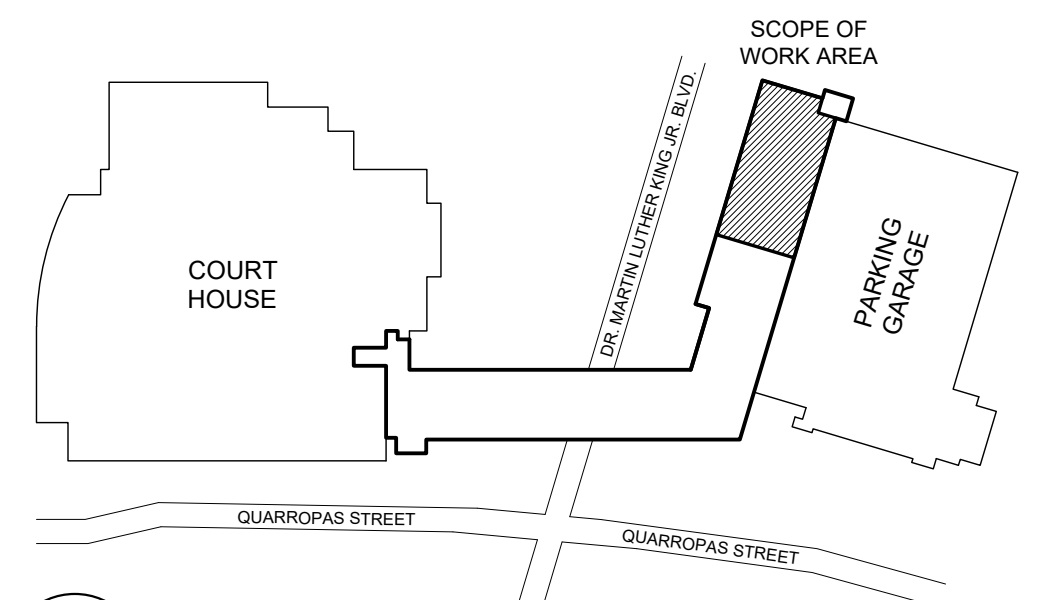
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601				CONTRACT NUMBER 20-502 SHEET NO. 58 OF 133 SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-01-SP-1870
SPRINKLER PLAN - 2ND FLOOR CENTRAL WING				SHEET NUMBER <b>SP-104</b> REV NO. 0



SPRINKLER HEAD COUNT	
NO.	NOTE
77	NEW SPRINKLER HEADS
77	TOTAL

BRANCH PIPE SIZE SCHEDULE	
1"	2 SPRINKLER HEADS
1-1/4"	3 SPRINKLER HEADS
1-1/2"	4 SPRINKLER HEADS
2"	UP TO 6 SPRINKLER HEADS



**2** KEY PLAN  
SP.105 NTS

**1** SPRINKLER PLAN - 2ND FLOOR NORTH WING  
SP.105 1/8"=1'-0"

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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	SP-105	
DIVISION OF ENGINEERING		SHEET NO. 59 OF 133		
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED		
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: JAN 19, 2024		
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.		REV NO.
SPRINKLER PLAN - 2ND FLOOR NORTH WING		52-01-SP-1871		0

PIPE INSULATION SCHEDULE															
TYPICAL APPLICATION	FLUID OPERATING TEMP (°F)	MEAN RATING TEMP (°F)	CONDUCTIVITY Y BTU x IN / (H x FT x °F)	CODE REQUIREMENT					SPECIFIED INSULATION						
				NOMINAL PIPE SIZE (IN)					CONDUCTIVITY Y BTU x IN / (H x FT x °F)	INSULATION	NOMINAL PIPE SIZE (IN)				
				.75	1.0 TO 1.25	1.5 TO 3.5	4.0 TO 1.0	≥ 8.0			.75	1.0 TO 1.25	1.5 TO 3.5	4.0 TO 1.0	≥ 8.0
INSULATION THICKNESS				INSULATION THICKNESS				INSULATION THICKNESS				INSULATION THICKNESS			
DOMESTIC HOT WATER	141-200	125	0.25-0.2 q	1.5	1.5	2.0	2.0	2.0	0.24	0.24	1.5	1.5	2.0	2.0	2.0
DOMESTIC HOT WATER	105-140	100	0.22-0.2 b	1.0	1.0	1.5	1.5	1.5	0.20	0.20	1.0	1.0	1.5	1.5	1.5
DOMESTIC COLD WATER	40-65	50	0.22-0.2 b	-	-	-	-	-	0.20	0.20	0.5	0.5	0.5	0.5	0.5
STORM WATER	40-65	50	0.22-0.2 b	-	-	-	-	-	0.20	0.20	0.5	0.5	0.5	0.5	0.5

DRAIN SCHEDULE				JR SMITH AS STANDARD
TYPE	LOCATION	MODEL NUMBER	REMARKS	
FD	GENERAL PURPOSE	2005-Y-NB	8" DIAMETER STRAINER	

WHERE 'TP' IS INDICATED PROVIDE TRAP PRIMER IN ACCORDANCE WITH TRAP PRIMER SCHEDULE. DRAIN TRAP TO BE PROVIDED WITH REQUIRED TAPPING.

PLUMBING FIXTURE CONNECTION SCHEDULE							
SYMBOL	TYPE	DESCRIPTION	WASTE	VENT	COLD WATER	HOT WATER	REMARKS
WC	W.C.	WATER CLOSET	4"	2"	1"	-	
LAV	LAVATORY		2"	1-1/2"	1/2" X 3/8"	1/2" X 3/8"	
URIN	URINAL		3"	1-1/2"	3/4" X 3/8"	-	

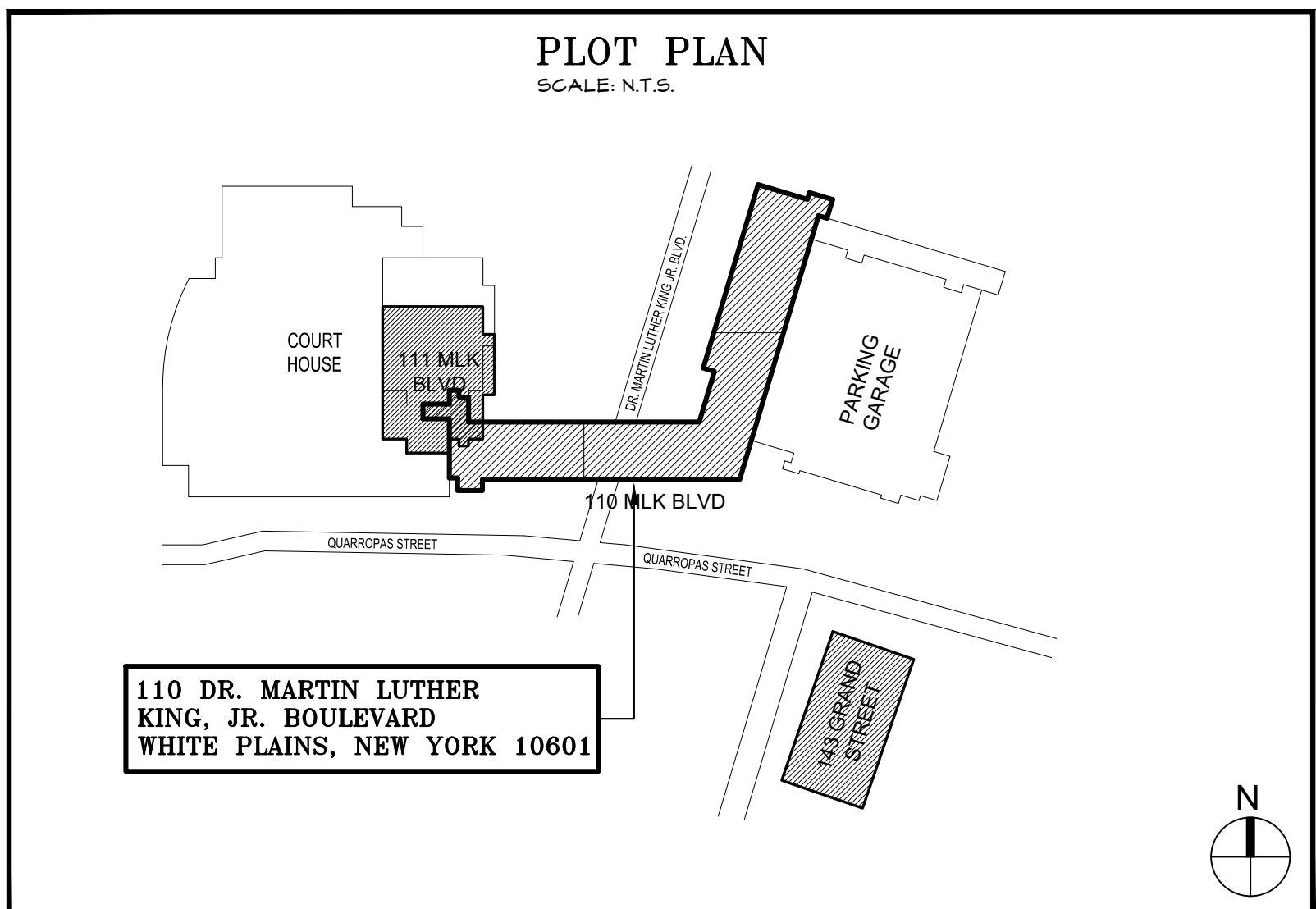
NOTES:  
 1. REFER TO ARCHITECT'S DRAWINGS AND SPECIFICATIONS FOR ALL FIXTURE SPECIFICATIONS, FIXTURE TRIM AND MOUNTING HEIGHTS. ALL EXPOSED TO VIEW PLUMBING TRIM & APPURTANCES, TRAPS, NIPPLES, SUPPLIES, RISERS AND EXPOSED TO VIEW FITTINGS AND ESCUTCHEONS FOR ALL AREAS SHALL MATCH ARCHITECTURAL FINISH SPECIFICATION FOR ASSOCIATED FIXTURE TYPE. MCGUIRE PLUMBING PRODUCTS PROFESSIONAL LINE SERIES P TRAPS WITH BOX FLANGE AND TRAP CLEANOUT PLUG, HEAVY DUTY SUPPLIES AND STOPS MCGUIRE HEAVY PREMIER LINE SERIES WITH SET SCREW HANDLES, FINISH AS DIRECTED BY ARCHITECT

PUMP SCHEDULE												MODELS AS STATED (OR APPROVED EQUAL)
NO	SERVICE	LOCATION	NO OF PUMPS	MODEL NUMBER	PUMP DATA			MOTOR DATA				REMARKS
					GPM	HEAD IN FEET	RPM	HP	VOLTS	PHASE	CYCLE	
PP 1	SIMPLEX OIL MINDER SYSTEM	ELEVATOR PITS	2	SE-50 O/M	74	37	3450	0.5	115	1	60	OIL MINDER. PROVIDE HMA-1 HIGH WATER CONTROL ALARM IN NEMA-1 ENCLOSURE WITH AUXILIARY CONTROLS. ORDER WITH SEPARATE GUIDE RAILS.
PP 2	ELEVATOR SUMP PUMPS	ELEVATOR PITS	4	SE-50	74	37	3450	0.5	115	1	60	PROVIDE HMA-1 HIGH WATER CONTROL ALARM IN NEMA-1 ENCLOSURE WITH AUXILIARY CONTROLS. ORDER WITH SEPARATE GUIDE RAILS.

ABBREVIATIONS	
ABBREV.	DESCRIPTION
A.C.	AIR CHAMBER
A.D.	ACCESS DOOR
A.F.F.	ABOVE FINISHED FLOOR
B.F.F.	BELOW FINISHED FLOOR
B.S.	BATH SINK
B.T.	BATH TUB
B.T.C.	BRANCH TO CONNECTION
B.T.F.	BRANCH TO FIXTURE
BLN.	BELOW
C.F.	CONTROLLED FLOW
CLG.	CELLING
CO	CLEAN OUT
C.O.D.P.	CLEAN OUT DECK PLATE
CONN.	CONNECTION
C.V.	CHECK VALVE
C.W.	COLD WATER
C.W.-F	FILTERED COLD WATER
D.F.	DRINKING FOUNTAIN
DN.	DOWN
D.W.	DISH WASHER
DWG.	DRAINING
E	EXISTING FIXTURE OR EQUIPMENT TO REMAIN
ELEVATION	ELEVATION
EMERG.	EMERGENCY OVERFLOW DRAINS
ER	EXISTING FIXTURE OR EQUIPMENT TO BE REMOVED
ER-R	EXISTING FIXTURE OR EQUIPMENT TO BE REMOVED AND REPLACED
E.W.C.	ELECTRIC WATER COOLER
F.A.I.	FRESH AIR INLET
F.C.O.	FLOOR CLEAN OUT
FD	FLOOR DRAIN
F.D.C.	FIRE DEPARTMENT CONNECTION
F.F.	FINISHED FLOOR
F.F.D.	FUNNEL FLOOR DRAIN
FL	FLOOR
F.S.	FLOOR SINK
F.U.	FIXTURE UNIT
FUN. DR.	FUNNEL DRAIN
G.	GAS
G.W.	GREASE WASTE
G.V.	GATE VALVE
H.B.	HOSE BIBB
H.C.	HUNG CELLING
H.M.T.	DOMESTIC HOT WATER HEAT TRACED MAINTENANCE SYSTEM
HR.	HOSE RACK
HT	HEAT TRACED PIPING
H.W.	HOT WATER
H.W.R.	HOT WATER RETURN
H.W.R.B.	HOT WATER RETURN BASE BUILDING
IM	ICE MAKER
INDIRECT WASTE	INDIRECT WASTE
K.S.	KITCHEN SINK
LAV.	LAVATORY
L.D.	LEAK DETECTOR
L.S.	LOCAL SOIL
N	NEW FIXTURE OR EQUIPMENT
N.C.	NORMALLY CLOSED
N.I.C.	NOT IN CONTRACT
N.O.	NORMALLY OPEN
O.D.	OVERFLOW DRAIN
O.S.T.	OVERFLOW STORM
P.D.	PUMP DISCHARGE
P.S.	PRESSURE GAUGE
P.O.	PLUGGED OUTLET
P.R.V.	PRESSURE REDUCING VALVE
P.S.	PANTRY SINK
P.T.R.	PRESSURE TEMPERATURE RELIEF
R.C.V.	RISER CONTROL VALVE
R.D.	ROOF DRAIN
R.P.Z.	REDUCED PRESSURE BACKFLOW DEVICE
R.T.	RUNNING TRAP
R.V.	RELIEF VENT
S	SOIL
SHO.N	SHOWER
S.L.R.S.	SPRING LOADED RUBBER SEAT
SPK.	SPRINKLER
S.P.O.	SOIL PLUGGED OUTLET
S.S.	SERVICE SINK
ST	STORM
STR.	STRAINER
TD	TRENCH DRAIN
T.P.	TRAP PRIMER
T.S.	TAMPER SWITCH
TYP.	TYPICAL
UR.	URINAL
V	VENT
V.B.	VACUUM BREAKER
V.O.	VALVED OUTLET
V.P.O.	VENT PLUGGED OUTLET
V.T.R.	VENT THRU ROOF
W	WASTE
W.C.	WATER CLOSET
W.C.O.	WALL CLEAN OUT
W.H.A.	WATER HAMMER ARRESTOR
W.M.	WASHING MACHINE
W.M.L.B.	WASHING MACHINE LAUNDRY BOX
W.P.O.	WASTE PLUGGED OUTLET

SYMBOL LIST	
SYMBOL	DESCRIPTION
	BALL VALVE
	CHECK VALVE
	OS&Y VALVE WITH CHAIN OPERATOR
	PRESSURE REDUCING VALVE
	INDICATES SLEEVE
	UNION
	STRAINER
	PRESSURE GAUGE WITH GAUGE COCK
	THERMOMETER
	CLEANOUT PLUG
	DETAIL DESIGNATION
	STACK OR RISER DESIGNATION
	REFERENCE DRAWING TAG IDENTIFICATION
	INDICATES NEW CONNECTION TO EXISTING
	INDICATES GAPPED CONNECTION OFF EXISTING
	HOSE BIBB
	RISER DOWN (ELBOW)
	RISER UP (ELBOW)
	DROP
	BRANCH - BOTTOM CONNECTION
	BRANCH - TOP CONNECTION
	BRANCH - SIDE CONNECTION
	GAPPED OUTLET
	SOIL OR STORM BELOW FLOOR
	SOIL, WASTE, OR SANITARY PIPING
	VENT
	STORM PIPING
	INDIRECT WASTE PIPING
	COLD WATER PIPING
	HOT WATER PIPING
	HOT WATER RETURN PIPING
	INDICATES EXISTING PIPING (LIGHTER SHADE)
	INDICATES HEAT TRACED PIPING
	INDICATES EXISTING PIPING TO BE REMOVED
	INDICATES OPENING THROUGH STEEL
	MIXING VALVE
	R.P.Z.
	WATER HAMMER ARRESTOR
	TRAP PRIMER PIPING
	E-INDICATES EXISTING FIXTURE, PIPING OR EQUIPMENT TO REMAIN
	ER-INDICATES EXISTING FIXTURE OR EQUIPMENT TO BE REMOVED
	ER-R-INDICATES EXISTING FIXTURE OR EQUIPMENT TO BE REMOVED AND REPLACED
	N-INDICATES NEW FIXTURE OR EQUIPMENT

DRAWING-ISSUE LIST						
Sheet #	Rev #	Sheet Title	2023.08.23 100% SUBMISSION	2023.02.15 RESPONSE TO RESCHESTER COMMENTS	2023.08.04 RESPONSE TO RESCHESTER COMMENTS	2023.11.01 RESPONSE TO RESCHESTER COMMENTS
P-010	00	SYMBOLS, ABBREVIATIONS SCHEDULES AND NOTES	X	X	X	X
P-020	00	DETAILS	X	X	X	X
P-030	00	SANITARY RISER DIAGRAMS	X	X	X	X
P-031	00	DOMESTIC WATER RISER DIAGRAMS	X	X	X	X
P-103	00	PLUMBING PLAN - 1ST FLOOR NORTH KING	X	X	X	X
P-104	00	PLUMBING PLAN - 2ND FLOOR CENTRAL KING	X	X	X	X
P-105	00	PLUMBING PLAN - 2ND FLOOR NORTH KING	X	X	X	X
P-190	00	PARTIAL BASEMENT PLUMBING PLAN - 1 TO MLK BLVD	X	X	X	X
P-193	00	PARTIAL 1ST FLOOR PLUMBING PLAN - 1 TO 111 MLK BLVD	X	X	X	X
P-197	00	PARTIAL BASEMENT PLUMBING PLAN - 143 GRAND ST	X	X	X	X

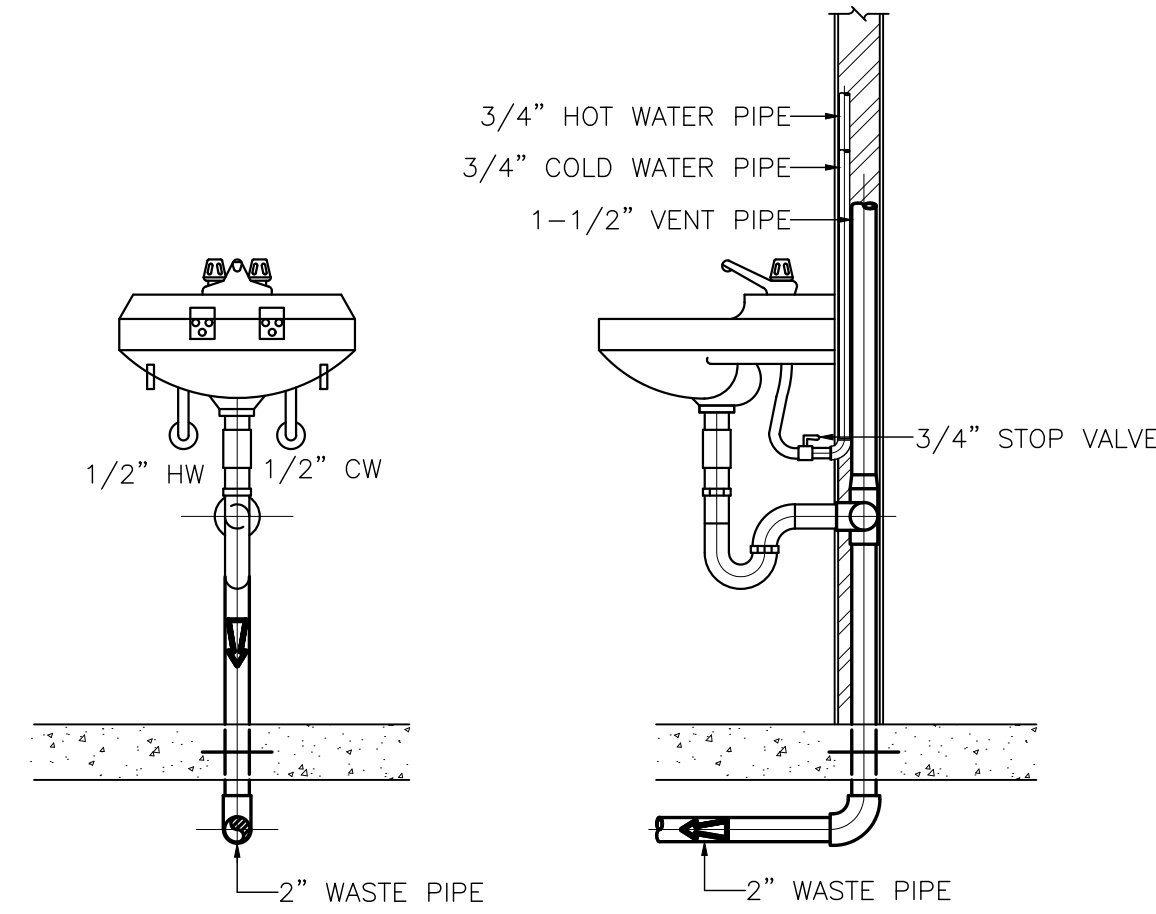


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WHITE PLAINS, NEW YORK 10601	
CONTRACT NUMBER	SHEET NUMBER
20-502	P-010
SHEET NO.	60 OF 133
SCALE: AS NOTED	DATE: JAN 19, 2024
DPW FILE NO.	REV NO.
52-01-P-1872	0

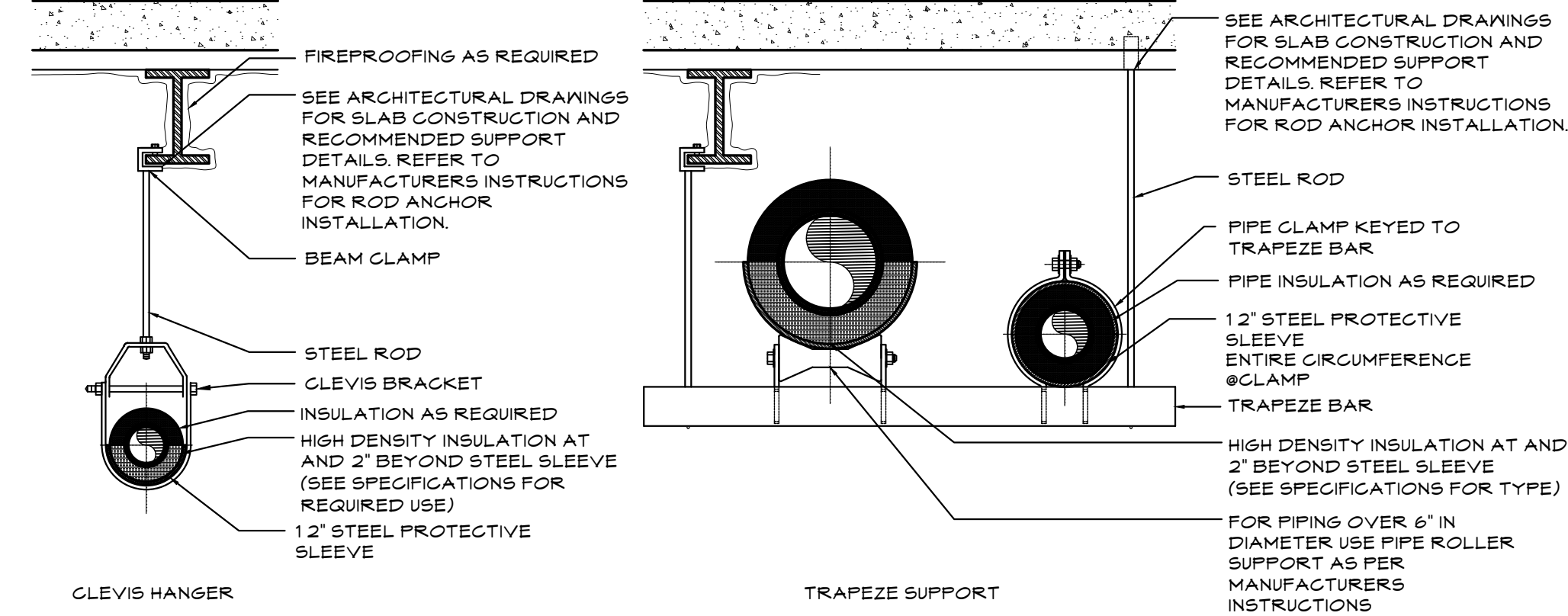
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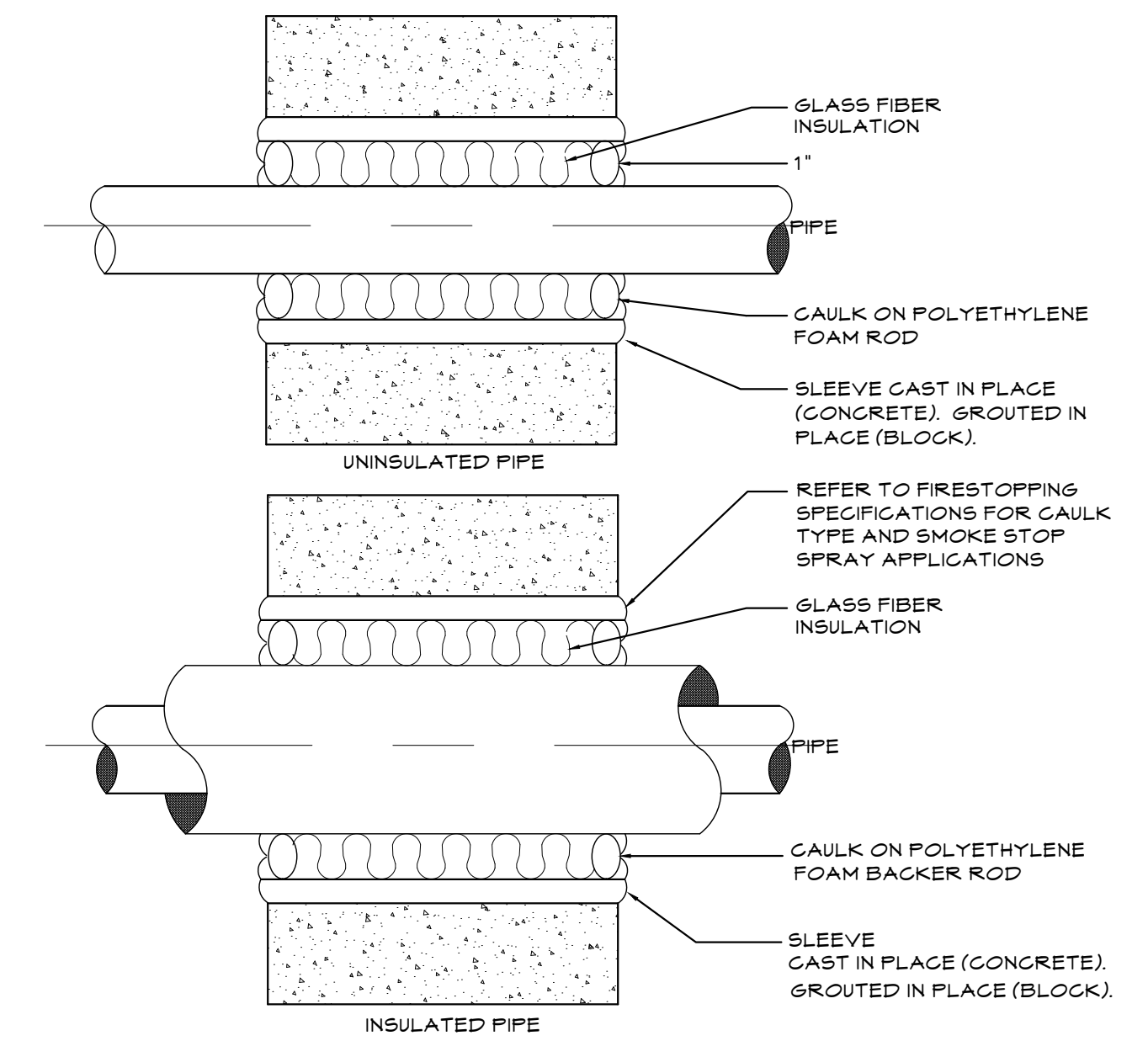
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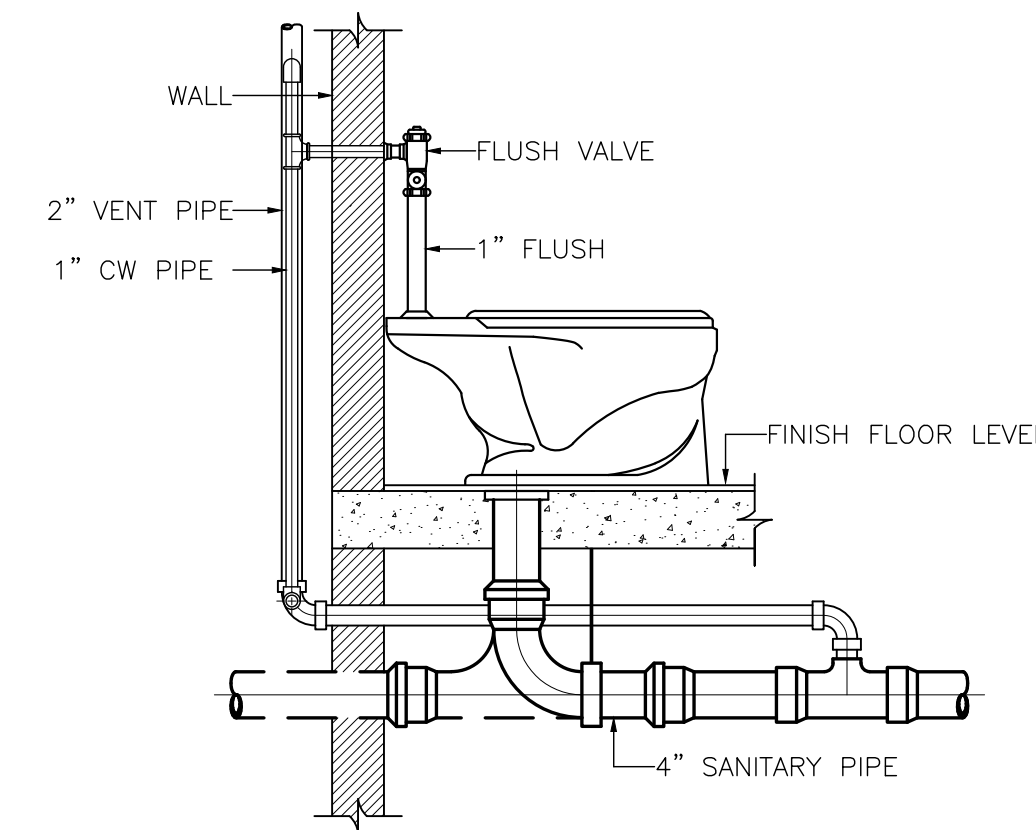
**1** TYPICAL LAVATORY PLUMBING CONNECTION DETAIL  
P.020 N.T.S.



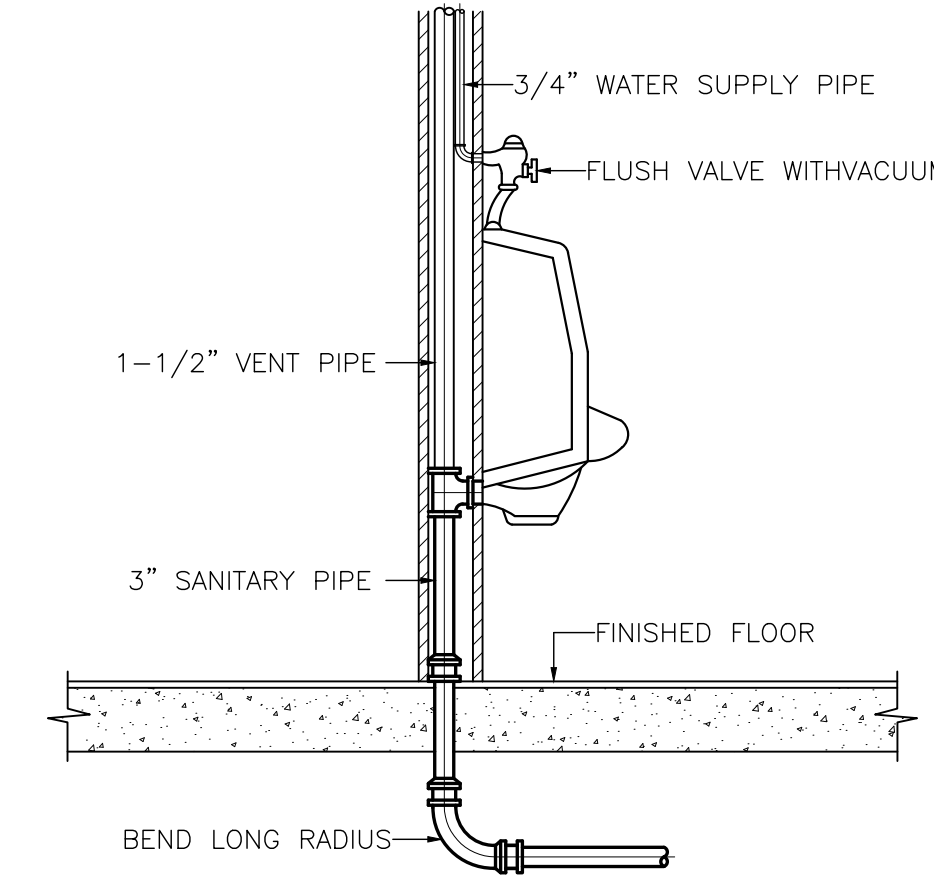
**2** HORIZONTAL PIPE HANGING INSTALLATION DETAILS  
P.020 N.T.S.



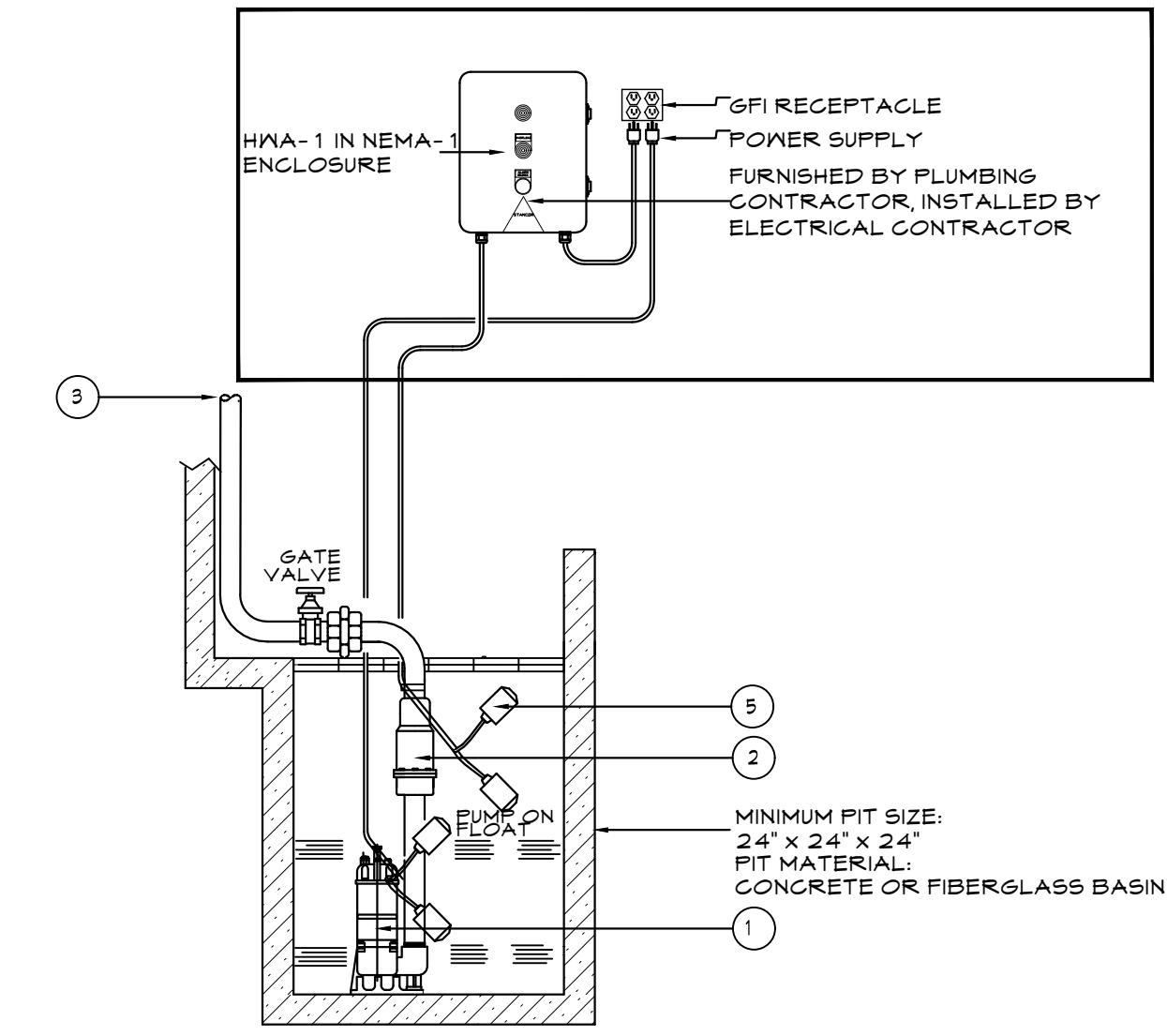
**3** WALL PIPE PENETRATION DETAIL  
P.020 N.T.S.



**4** TYPICAL FLUSH VALVE WATER CLOSET PLUMBING CONNECTION DETAIL  
P.020 N.T.S.

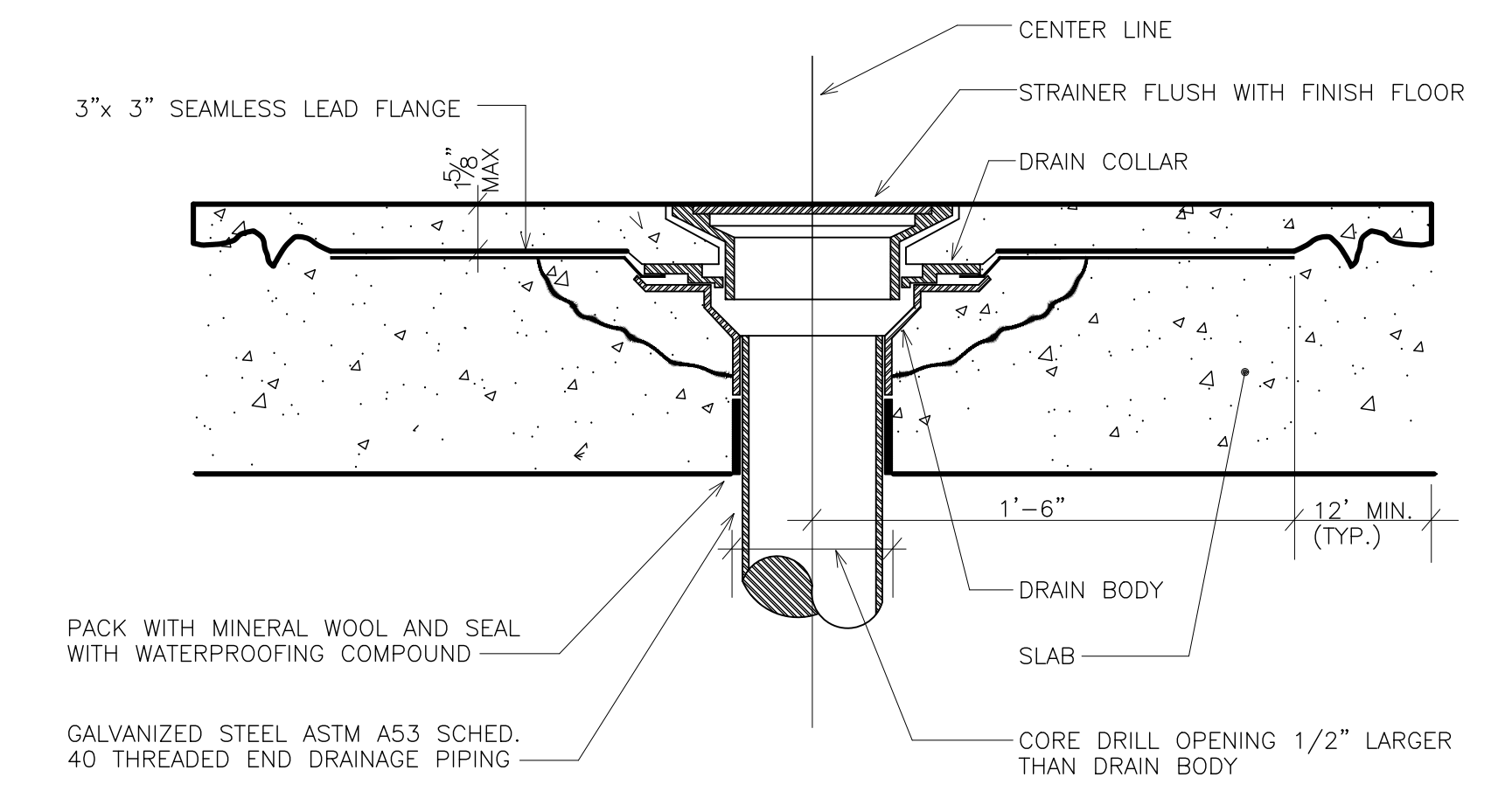


**5** TYPICAL URINAL PLUMBING CONNECTION DETAIL  
P.020 N.T.S.



- ① SUBMERSIBLE PUMP SEE SCHEDULE.
- ② STANGOR CHECK VALVE
- ③ PUMP DISCHARGE PIPING TO BE BROUGHT ABOVE SLAB AND PENETRATE OUT OF ELEVATOR SHAFT AT HEIGHT TO BE DETERMINED BY CONTRACTOR IN FIELD
- ④ STEEL FRAME AND COVER BY THIS SUB-CONTRACTOR.
- ⑤ HIGH WATER ALARM FLOAT

**6** ELEVATOR SUMP PUMP DIAGRAM  
P.020 N.T.S.

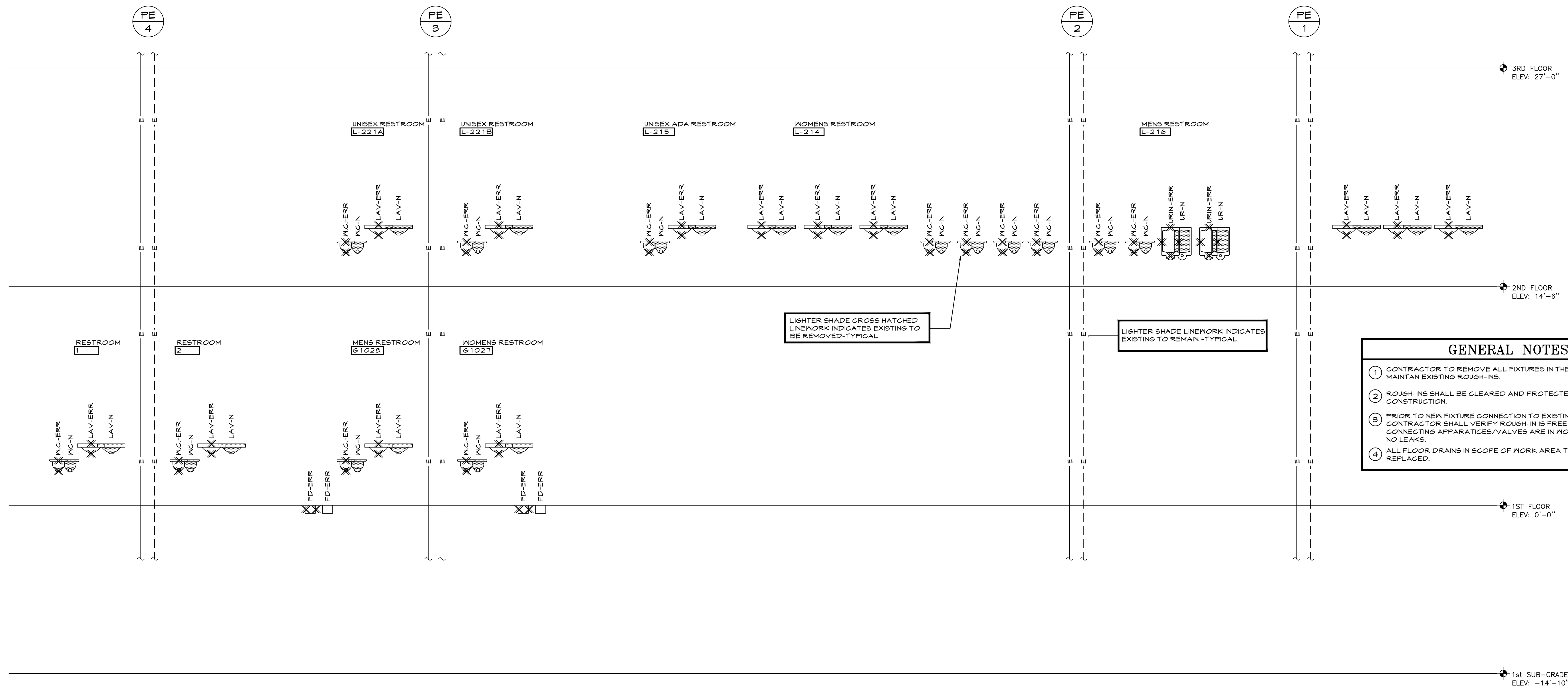


**7** TYPICAL FLOOR DRAIN INSTALLATION  
P.020 N.T.S.

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REVISION NUMBER	DATE	MADE BY	APP'D BY
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SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
TITLE:	DATE:	TITLE:	DATE:
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER <b>P-020</b>
DIVISION OF ENGINEERING		SHEET NO. 61	OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: JAN 19, 2024	REV NO. 0
DETAILS		DPW FILE NO. 52-01-P-1873	



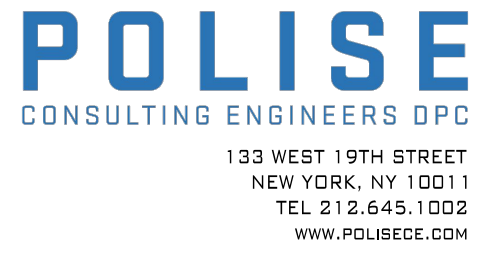
LIGHTER SHADE CROSS HATCHED LINEWORK INDICATES EXISTING TO BE REMOVED-TYPICAL

LIGHTER SHADE LINEWORK INDICATES EXISTING TO REMAIN-TYPICAL

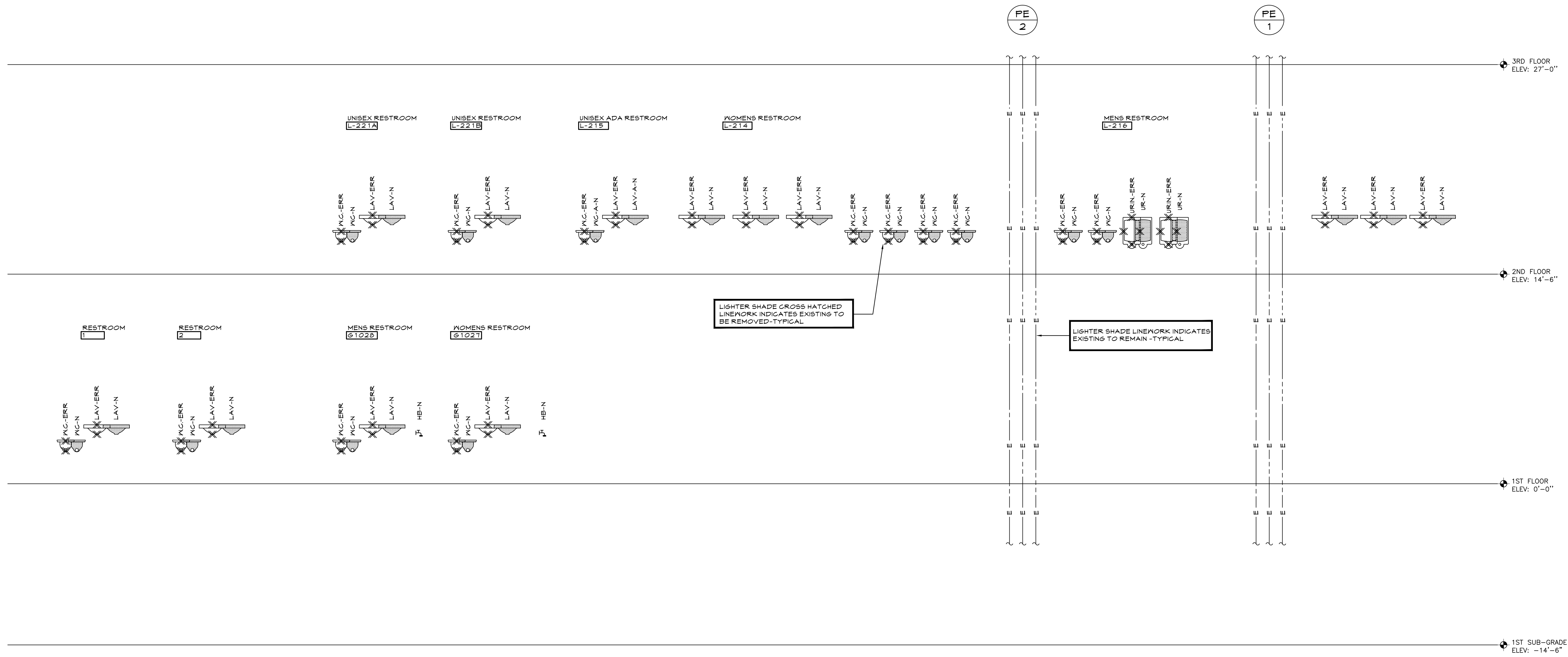
- GENERAL NOTES**
- CONTRACTOR TO REMOVE ALL FIXTURES IN THEIR ENTIRETY AND MAINTAIN EXISTING ROUGH-INS.
  - ROUGH-INS SHALL BE CLEARED AND PROTECTED DURING CONSTRUCTION.
  - PRIOR TO NEW FIXTURE CONNECTION TO EXISTING ROUGH-IN, CONTRACTOR SHALL VERIFY ROUGH-IN IS FREE OF DEBRIS AND ALL CONNECTING APPARATUSES/VALVES ARE IN WORKING CONDITION WITH NO LEAKS.
  - ALL FLOOR DRAINS IN SCOPE OF WORK AREA TO BE REMOVED AND REPLACED.

**1** SANITARY RISER DIAGRAM  
P.030 N.T.S.

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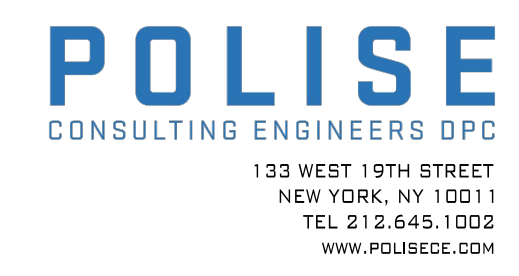
CONSULTANT SEAL		CONSULTANT INFORMATION	
		<b>Graf &amp; Lewent</b> Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APP'D BY
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NAME:	NAME:	NAME:	NAME:
SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
TITLE:	DATE:	TITLE:	DATE:
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	P-030
DIVISION OF ENGINEERING		SHEET NO.	62 OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	DATE: JAN 19, 2024
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DPW FILE NO.	REV NO. 0
WHITE PLAINS, NEW YORK 10601		52-01-P-1874	
SANITARY RISER DIAGRAMS			



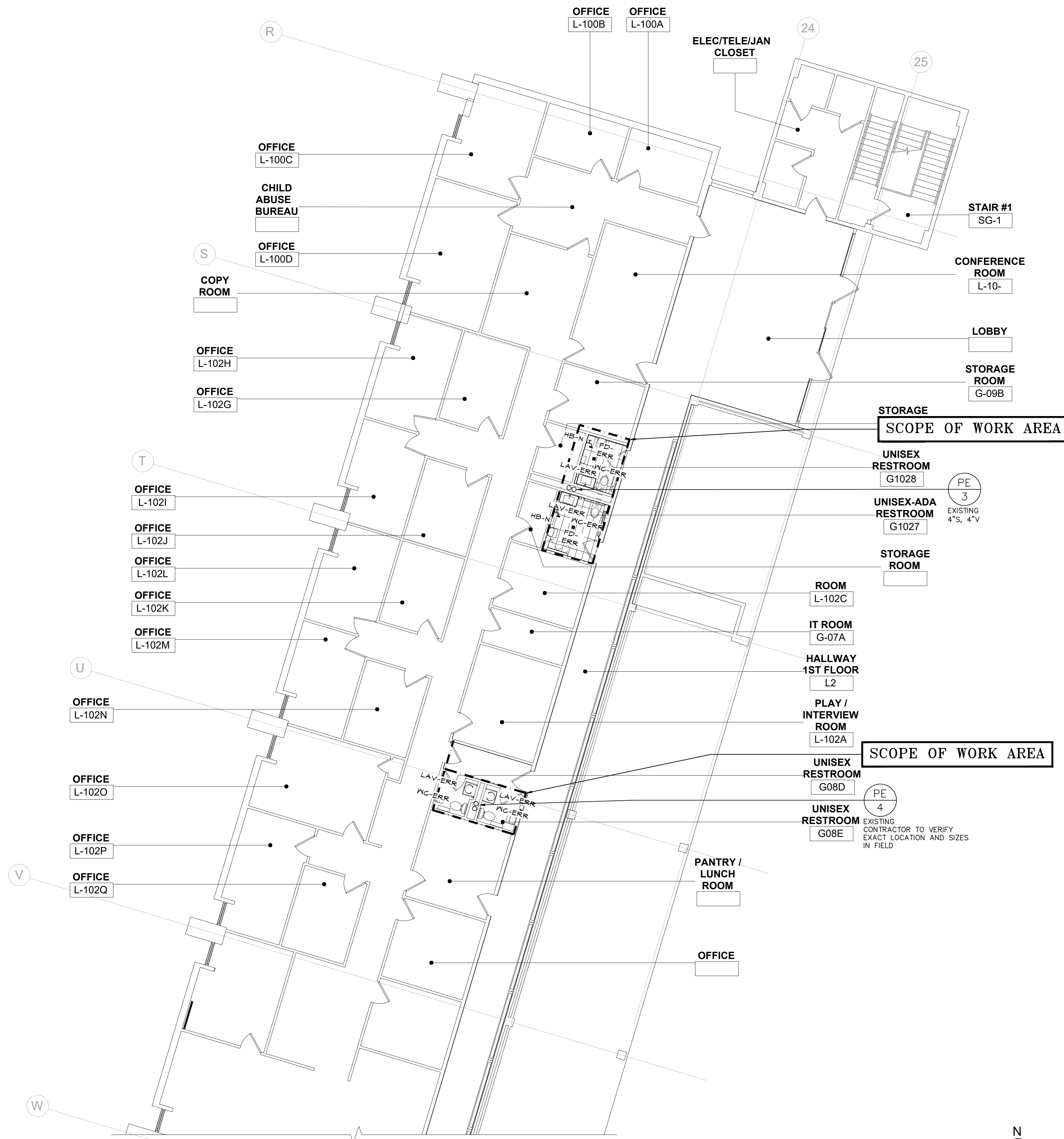
**2** DOMESTIC WATER RISER DIAGRAM  
 P.031 N.T.S.

- GENERAL NOTES**
- 1 CONTRACTOR TO REMOVE ALL FIXTURES IN THEIR ENTIRETY AND MAINTAIN EXISTING ROUGH-INS.
  - 2 ROUGH-INS SHALL BE CLEARED AND PROTECTED DURING CONSTRUCTION.
  - 3 PRIOR TO NEW FIXTURE CONNECTION TO EXISTING ROUGH-IN, CONTRACTOR SHALL VERIFY ROUGH-IN IS FREE OF DEBRIS AND ALL CONNECTING APPARATIGES ARE IN WORKING CONDITION WITH NO LEAKS.
  - 4 ALL FLOOR DRAINS IN SCOPE OF WORK AREA TO BE REMOVED AND REPLACED.
  - 5 PROVIDE NEW ISOLATION AND SHUT OFF VALVES ON DOMESTIC BRANCH TAKEOFFS IN SCOPE OF WORK AREA.
  - 6 PROVIDE NEW SHUT OFF VALVES AT EACH FIXTURE IN SCOPE OF WORK AREA.
  - 7 REPLACE ALL DAMAGED INSULATION ON DOMESTIC WATER LINES WITHIN SCOPE OF WORK AREA.

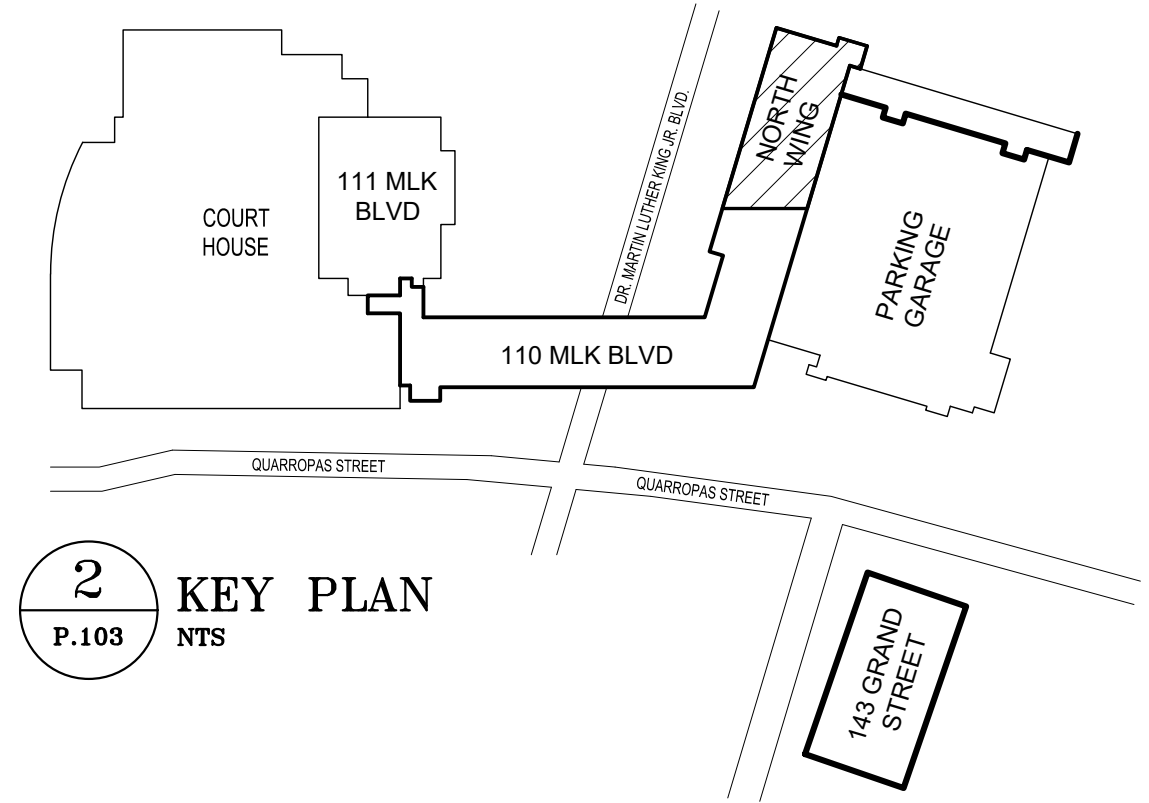
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NAME:	NAME:	SIGNATURE:	SIGNATURE:
TITLE:	TITLE:	DATE:	DATE:
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER <b>P-031</b>
DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SHEET NO. 63 OF 133	SCALE: AS NOTED
DOMESTIC WATER RISER DIAGRAMS		DATE: JAN 19, 2024	REV NO. 0
		DPW FILE NO. 52-01-P-1875	



- GENERAL NOTES**
- 1 CONTRACTOR TO REMOVE ALL FIXTURES IN THEIR ENTIRETY AND MAINTAIN EXISTING ROUGH-INS.
  - 2 ROUGH-INS SHALL BE CLEARED AND PROTECTED DURING CONSTRUCTION.
  - 3 PRIOR TO NEW FIXTURE CONNECTION TO EXISTING ROUGH-IN, CONTRACTOR SHALL VERIFY ROUGH-IN IS FREE OF DEBRIS AND ALL CONNECTING APPARATUSES ARE IN WORKING CONDITION WITH NO LEAKS.
  - 4 ALL FLOOR DRAINS IN SCOPE OF WORK AREA TO BE REMOVED AND REPLACED.
  - 5 PROVIDE NEW ISOLATION AND SHUTOFF VALVES ON DOMESTIC BRANCH TAKEOFFS IN SCOPE OF WORK AREA.
  - 6 PROVIDE NEW SHUTOFF VALVES AT EACH FIXTURE IN SCOPE OF WORK AREA.
  - 7 REPLACE ALL DAMAGED INSULATION ON DOMESTIC WATER LINES WITHIN SCOPE OF WORK AREA.
  - 8 RELOCATE OR EXTEND EXISTING PIPING AS REQUIRED.



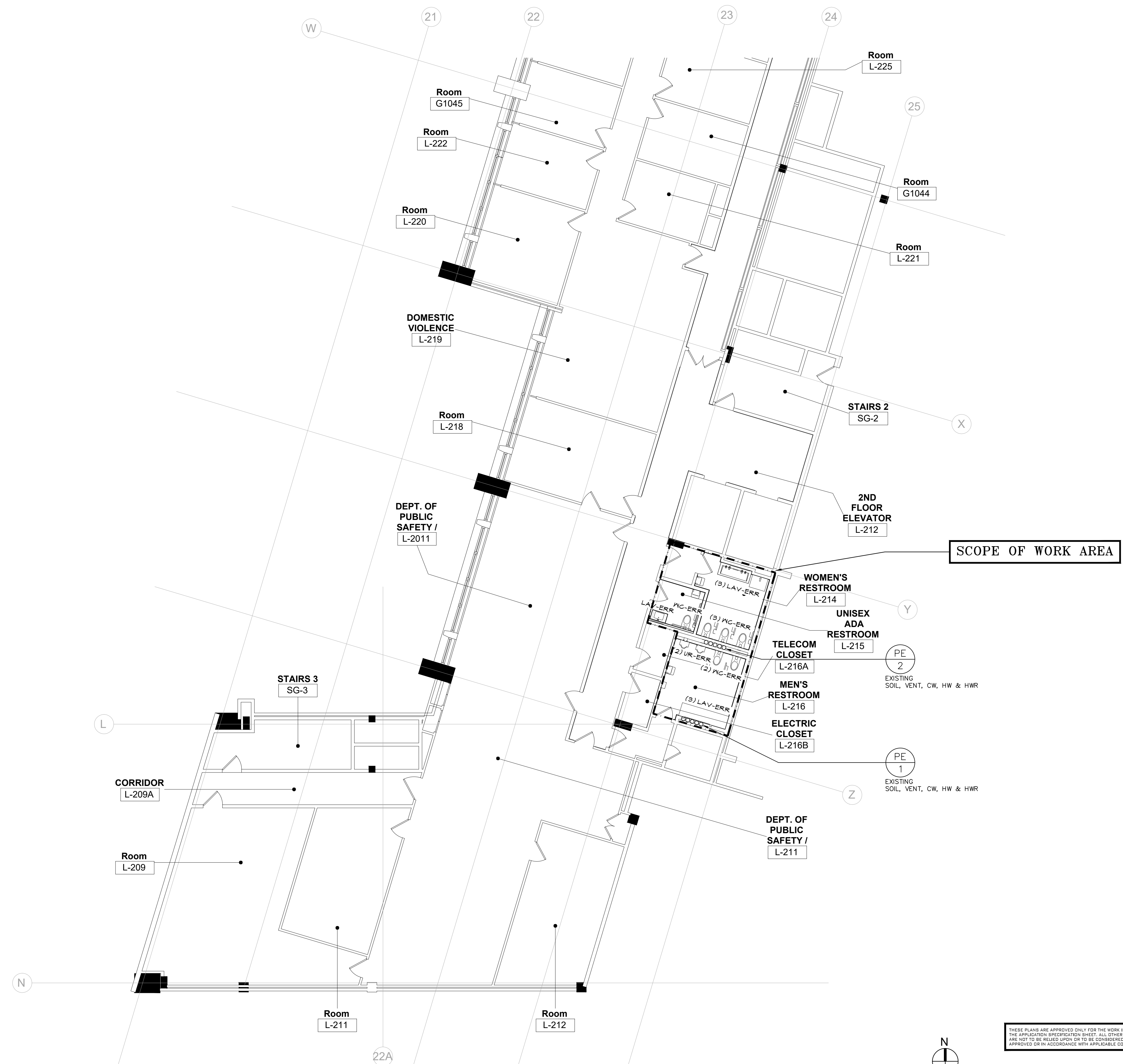
**1** PLUMBING PLAN - 1ST FLOOR NORTH WING  
P.103 1/8"=1'-0"

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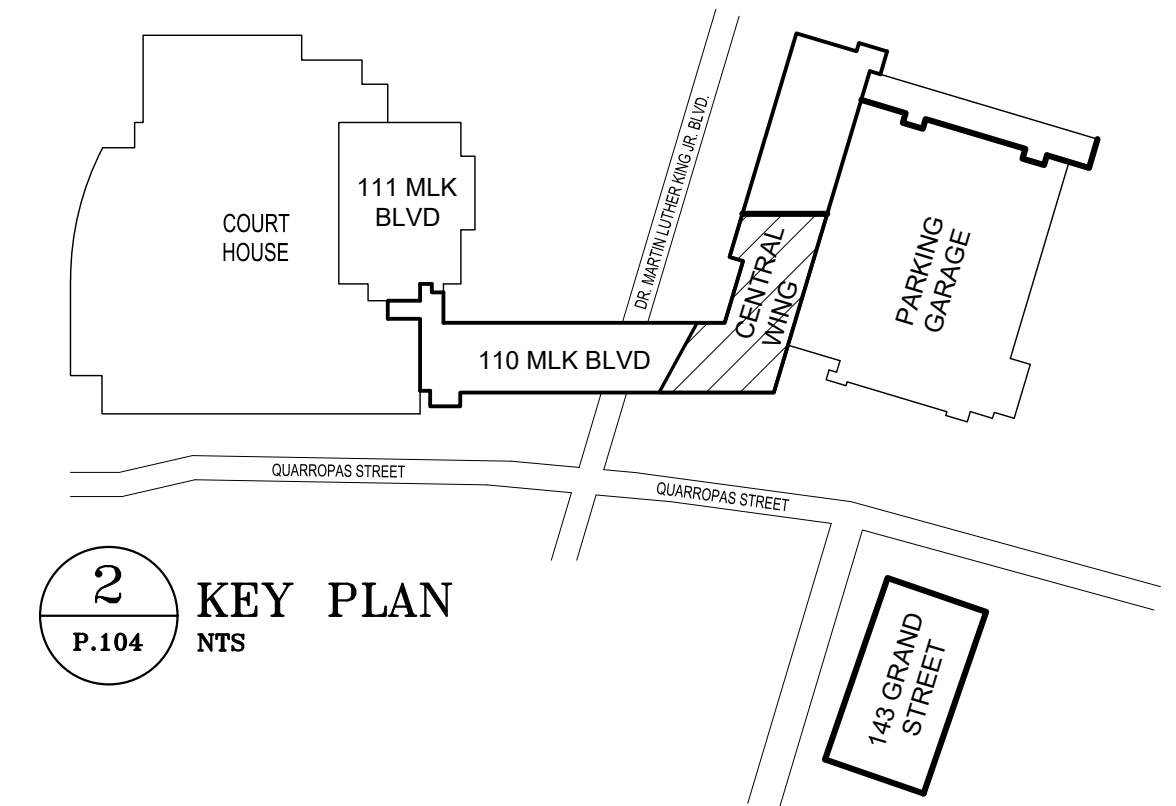
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CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____	CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 PLUMBING PLAN - 1ST FLOOR NORTH WING	CONTRACT NUMBER 20-502 SHEET NO. 64 OF 133 SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-11-P-1876 REV NO. 0





- GENERAL NOTES**
- ① CONTRACTOR TO REMOVE ALL FIXTURES IN THEIR ENTIRETY AND MAINTAIN EXISTING ROUGH-INS.
  - ② ROUGH-INS SHALL BE CLEARED AND PROTECTED DURING CONSTRUCTION.
  - ③ PRIOR TO NEW FIXTURE CONNECTION TO EXISTING ROUGH-IN, CONTRACTOR SHALL VERIFY ROUGH-IN IS FREE OF DEBRIS AND ALL CONNECTING APPARATUS ARE IN WORKING CONDITION WITH NO LEAKS.
  - ④ ALL FLOOR DRAINS IN SCOPE OF WORK AREA TO BE REMOVED AND REPLACED.
  - ⑤ PROVIDE NEW ISOLATION AND SHUTOFF VALVES ON DOMESTIC BRANCH TAKEOFFS IN SCOPE OF WORK AREA.
  - ⑥ PROVIDE NEW SHUTOFF VALVES AT EACH FIXTURE IN SCOPE OF WORK AREA.
  - ⑦ REPLACE ALL DAMAGED INSULATION ON DOMESTIC WATER LINES WITHIN SCOPE OF WORK AREA.
  - ⑧ RELOCATE OR EXTEND EXISTING PIPING AS REQUIRED.



SCOPE OF WORK AREA

PE 2  
EXISTING  
SOIL, VENT, CW, HW & HWR

PE 1  
EXISTING  
SOIL, VENT, CW, HW & HWR

CONSULTANT SEAL 	CONSULTANT INFORMATION <h2 style="text-align: center;">Graf &amp; Lewent</h2> <h3 style="text-align: center;">Architects LLP</h3> <p style="text-align: center;">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>
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REVISION NUMBER    DATE    MADE BY    APP'D BY    REVISION	
CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____	CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601	
PLUMBING PLAN - 2ND FLOOR CENTRAL WING	CONTRACT NUMBER 20-502 SHEET NO. 65 OF 133 SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-11-P-1877 REV NO. 0

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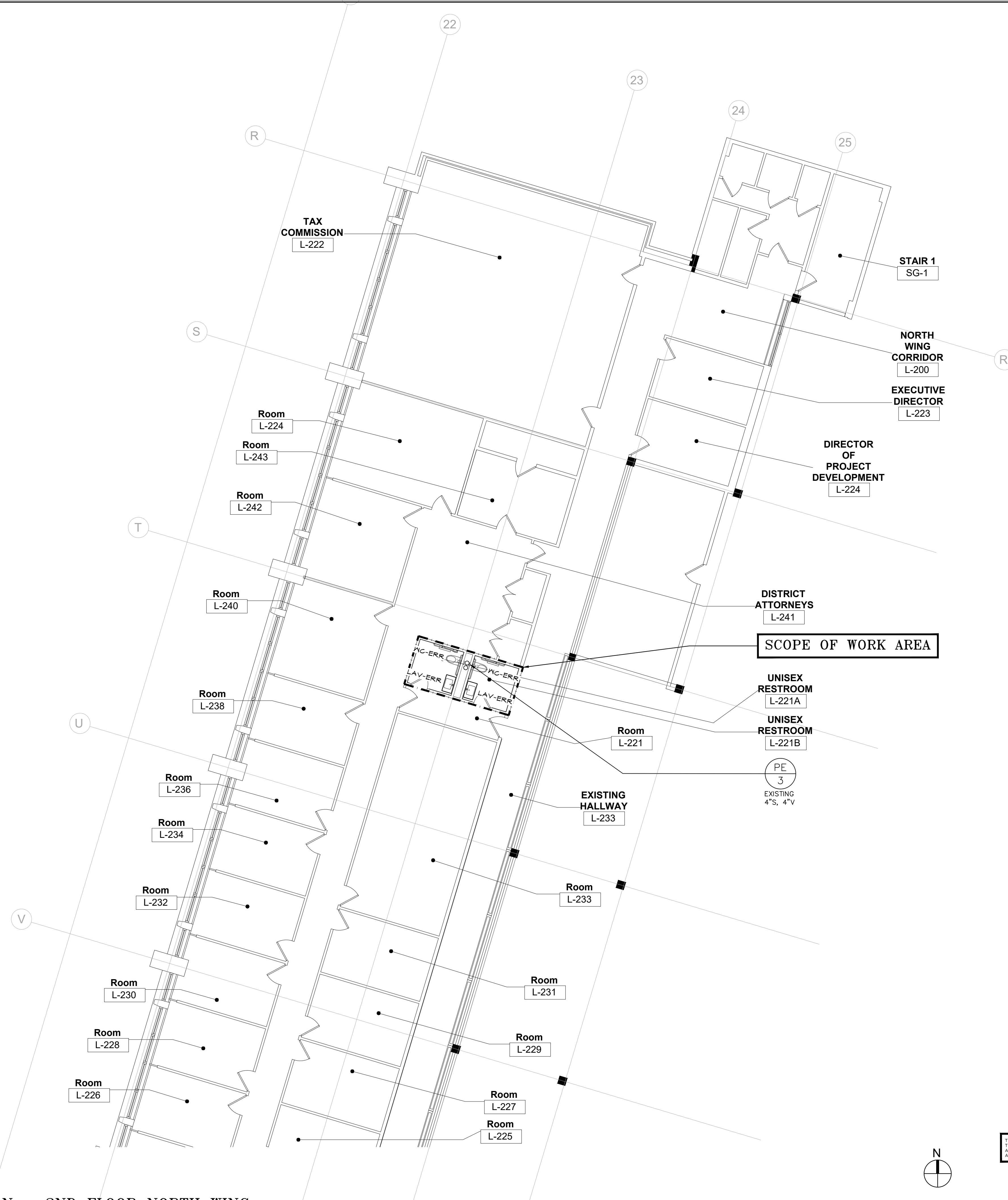
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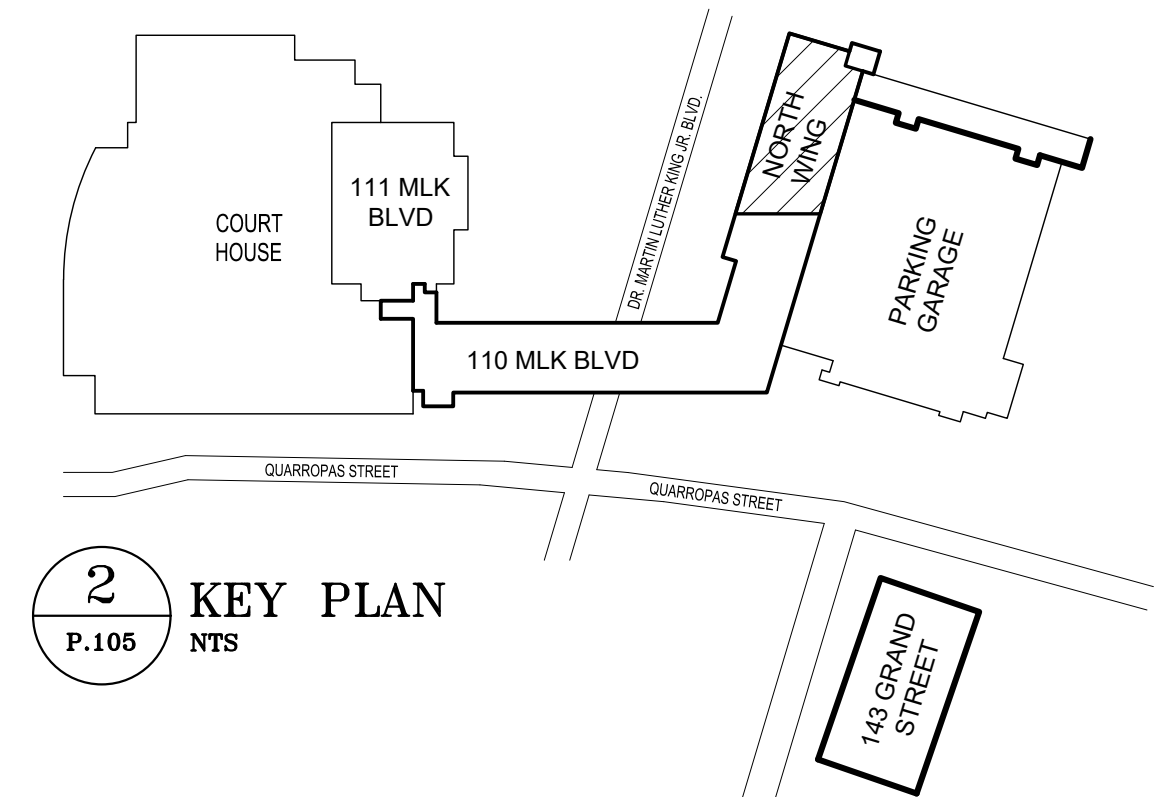
133 WEST 19TH STREET  
NEW YORK, NY 10011  
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1

**PLUMBING PLAN - 2ND FLOOR CENTRAL WING**  
P.104 1/8"=1'-0"



- GENERAL NOTES**
- ① CONTRACTOR TO REMOVE ALL FIXTURES IN THEIR ENTIRETY AND MAINTAIN EXISTING ROUGH-INS.
  - ② ROUGH-INS SHALL BE CLEARED AND PROTECTED DURING CONSTRUCTION.
  - ③ PRIOR TO NEW FIXTURE CONNECTION TO EXISTING ROUGH-IN, CONTRACTOR SHALL VERIFY ROUGH-IN IS FREE OF DEBRIS AND ALL CONNECTING APPARATUS ARE IN WORKING CONDITION WITH NO LEAKS.
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  - ⑧ RELOCATE OR EXTEND EXISTING PIPING AS REQUIRED.



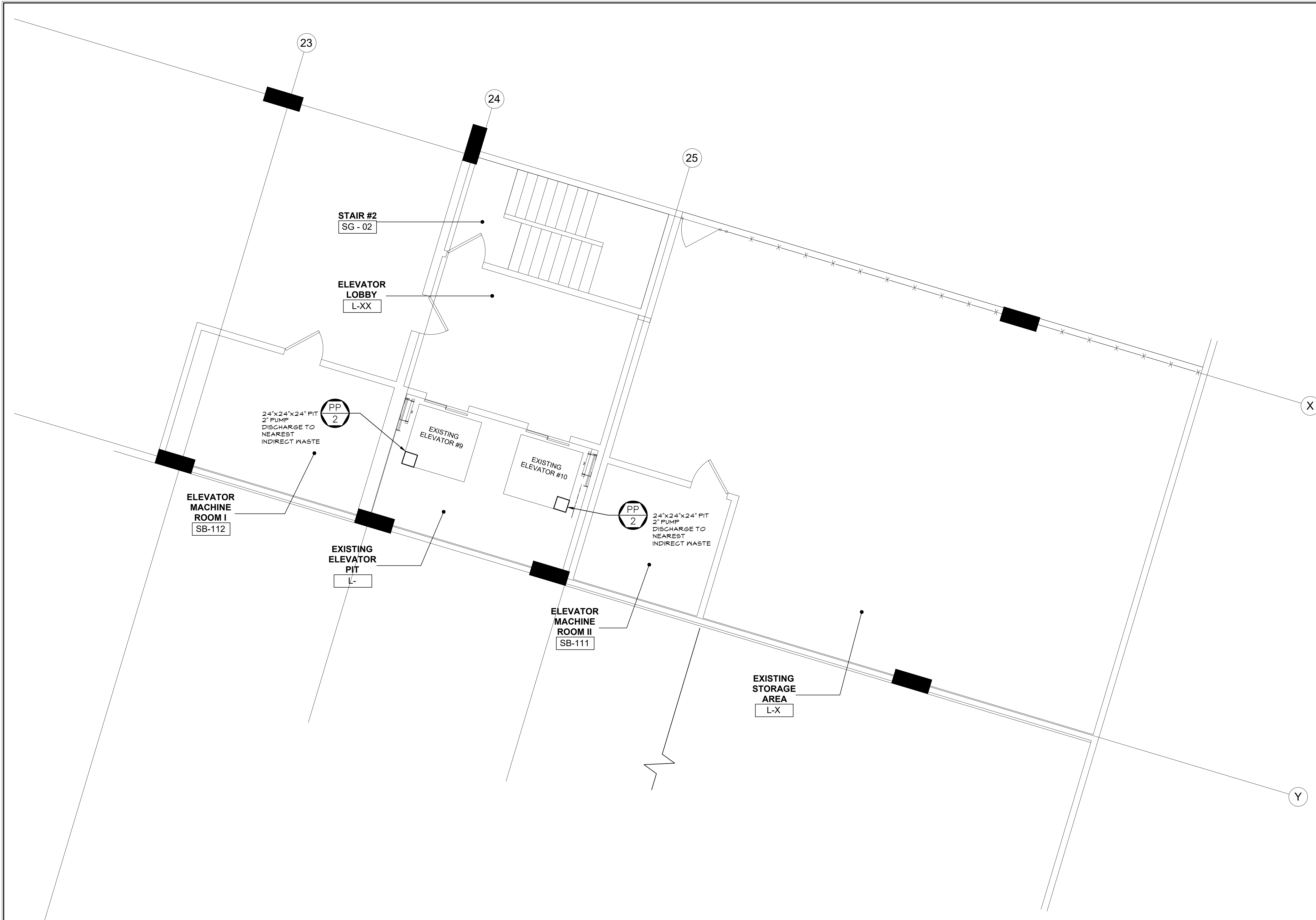
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601	
PLUMBING PLAN - 2ND FLOOR NORTH WING	CONTRACT NUMBER 20-502 SHEET NO. 66 OF 133 SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-11-P-1878 SHEET NUMBER <b>P-105</b> REV NO. 0

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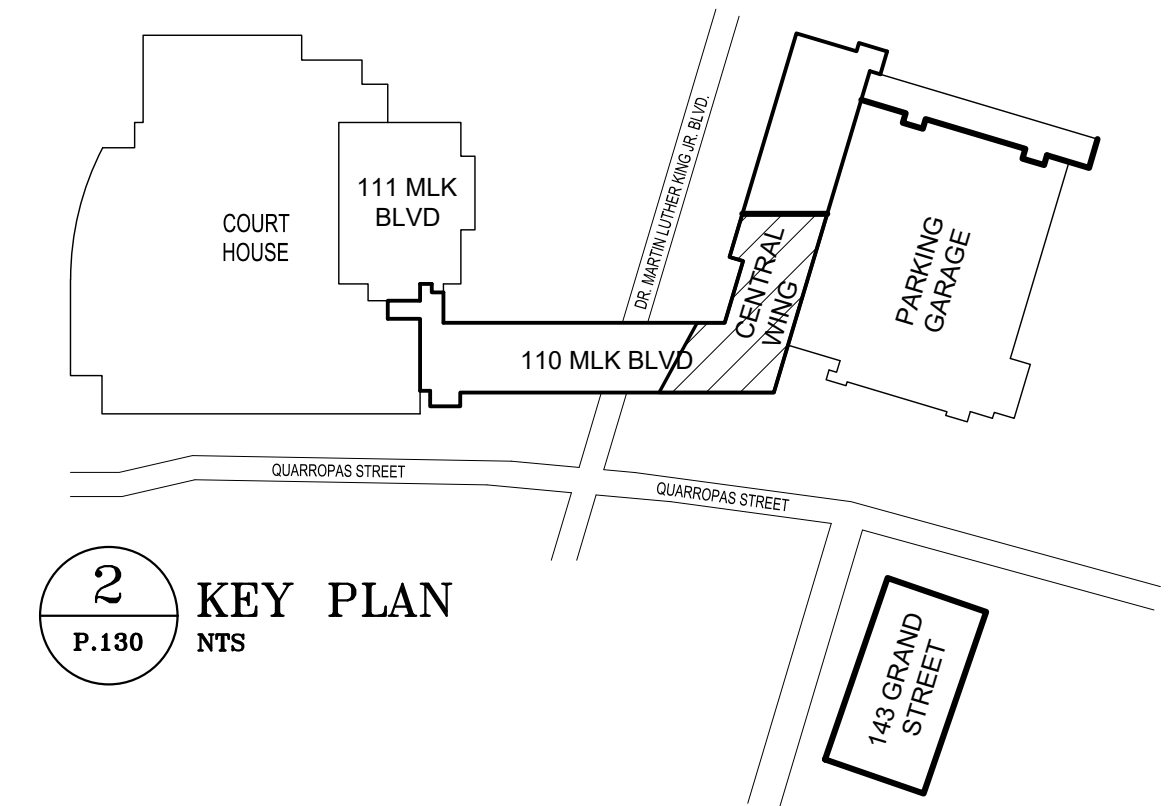
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**1** PLUMBING PLAN - 2ND FLOOR NORTH WING  
P.105 1/8"=1'-0"

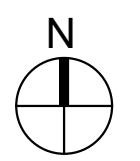


**GENERAL NOTE**

- 2" PUMP DISCHARGE TO BE BROUGHT HIGH TO NEAREST INDIRECT WASTE OR SANITARY HEADER (TO CONNECT BY WYE) AT SAME LEVEL. ALLOW FOR 200 FEET OF 2" PUMP DISCHARGE DRAIN PIPING (COMBINED PUMP DISCHARGE PIPING SIZE) FROM THE COMBINED ELEVATOR LOCATION. CONTRACTOR TO VERIFY IN FIELD EXACT CONNECTION POINT LOCATIONS AND PIPE ROUTING FOR ALL INDIRECT WASTE CONNECTIONS.
- INSULATE ALL EXPOSED DRAIN PIPING.



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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	P-130
DIVISION OF ENGINEERING		SHEET NO.	67 OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE:	AS NOTED
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE:	JAN 19, 2024
PARTIAL BASEMENT PLUMBING PLAN - 110 MLK BLVD		DPW FILE NO.	52-11-P-1879
		REV NO.	0

  
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**1** PLUMBING PLAN - BASEMENT LEVEL 3 CENTRAL WING ELEVATOR  
 P.130 1/8"=1'-0"

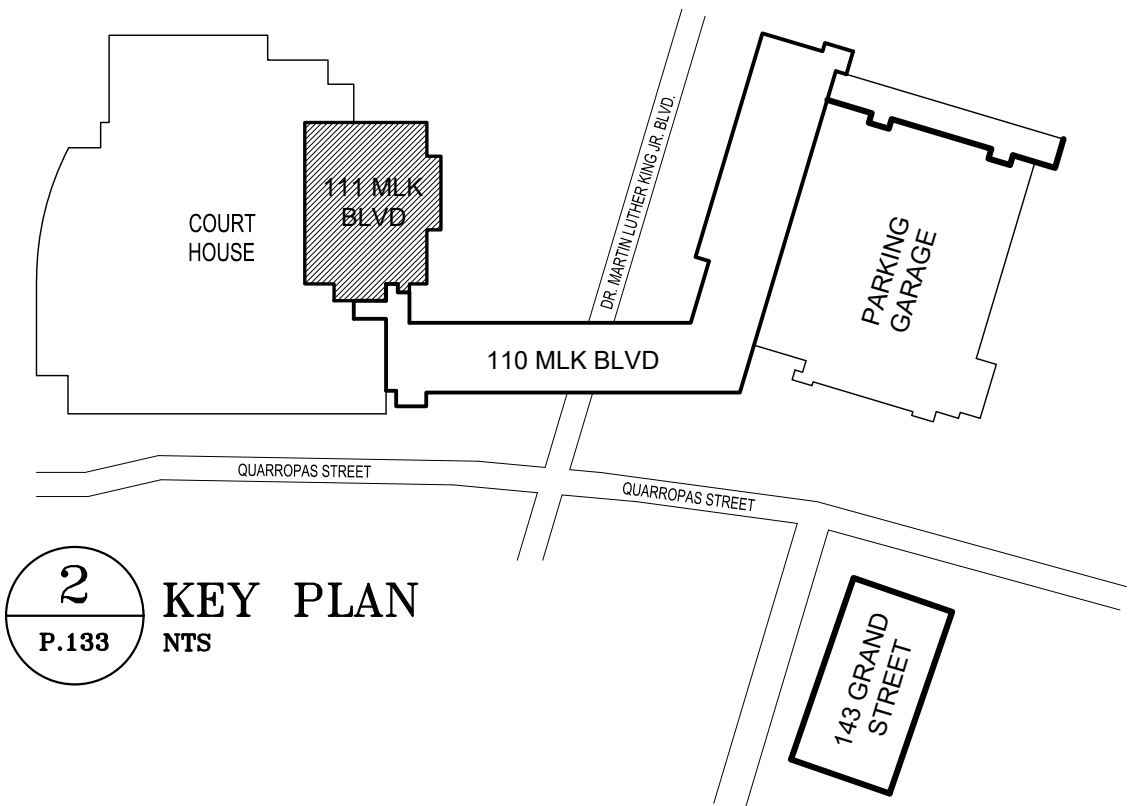
24"x24"x24" PIT  
2" PUMP  
DISCHARGE TO  
NEAREST  
INDIRECT WASTE

PP  
2

EXISTING JUDGE ELEVATOR

**GENERAL NOTE**

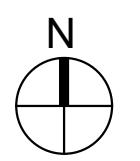
- 2" PUMP DISCHARGE TO BE BROUGHT HIGH TO NEAREST INDIRECT WASTE OR SANITARY HEADER (TO CONNECT BY WYE) AT SAME LEVEL. ALLOW FOR 200 FEET OF 2" PUMP DISCHARGE DRAIN PIPING (COMBINED PUMP DISCHARGE PIPING SIZE) FROM THE COMBINED ELEVATOR LOCATION. CONTRACTOR TO VERIFY IN FIELD EXACT CONNECTION POINT LOCATIONS AND PIPE ROUTING FOR ALL INDIRECT WASTE CONNECTIONS.
- INSULATE ALL EXPOSED DRAIN PIPING.



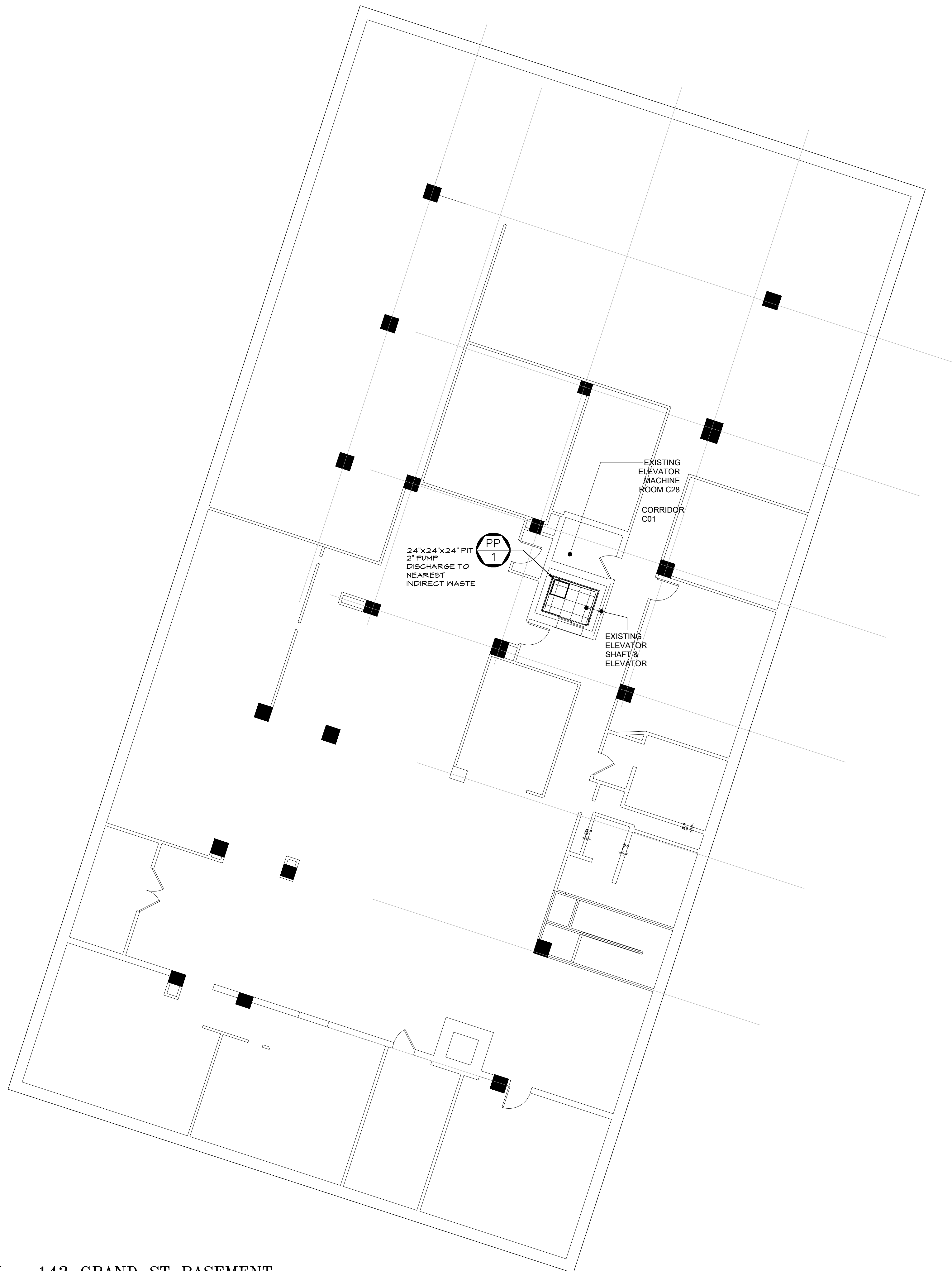
CONSULTANT SEAL		CONSULTANT INFORMATION	
		<b>Graf &amp; Lewent</b> <b>Architects LLP</b>	
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REVISION NUMBER	DATE	MADE BY	APP'D BY
RECORD DRAWING CERTIFICATION			
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CONTRACTOR		CONTRACTOR	
NAME:	NAME:	NAME:	NAME:
SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
TITLE:	DATE:	TITLE:	DATE:
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	P-133
DIVISION OF ENGINEERING		SHEET NO.	68 OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: JAN 19, 2024	
PARTIAL 1ST FLOOR PLUMBING PLAN - JUDGE ELEVATOR		DPW FILE NO.	REV NO.
- 111 MLK BLVD		52-11-P-1880	0

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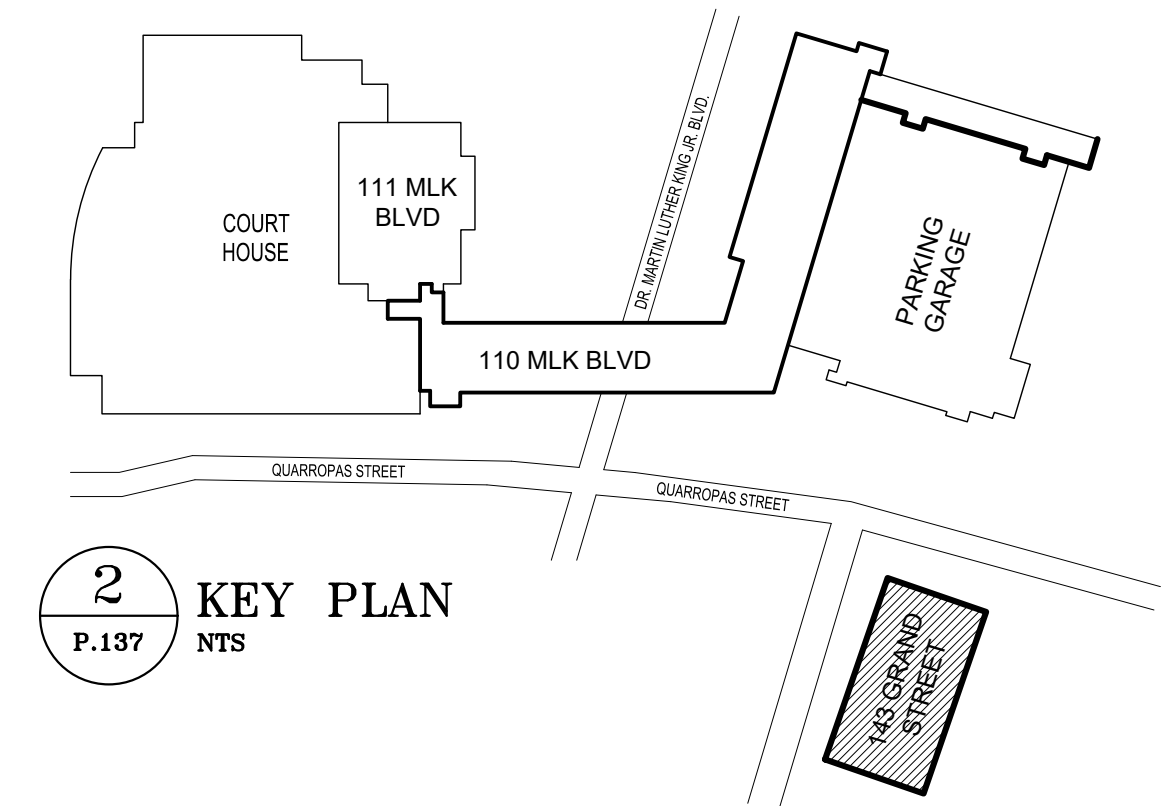
**1**  
P.133  
**PLUMBING PLAN - COURT HOUSE JUDGE ELEVATOR**  
1/8"=1'-0"



**GENERAL NOTE**

① 2" PUMP DISCHARGE TO BE BROUGHT HIGH TO NEAREST INDIRECT WASTE OR SANITARY HEADER (TO CONNECT BY WYE) AT SAME LEVEL. ALLOW FOR 200 FEET OF 2" PUMP DISCHARGE DRAIN PIPING (COMBINED PUMP DISCHARGE PIPING SIZE) FROM THE COMBINED ELEVATOR LOCATION. CONTRACTOR TO VERIFY IN FIELD EXACT CONNECTION POINT LOCATIONS AND PIPE ROUTING FOR ALL INDIRECT WASTE CONNECTIONS.

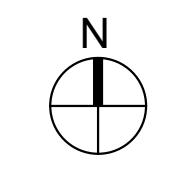
② INSULATE ALL EXPOSED DRAIN PIPING.



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TITLE:	TITLE:	DATE:	DATE:	DATE:
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	P-137	
DIVISION OF ENGINEERING		SHEET NO.	69	OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	DATE: JAN 19, 2024	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DPW FILE NO.	52-11-P-1881	REV NO. 0
WHITE PLAINS, NEW YORK 10601		PARTIAL BASEMENT PLUMBING PLAN - 143 GRAND ST		

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

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**1** PLUMBING PLAN - 143 GRAND ST BASEMENT  
 P.137 1/8"=1'-0"

TR8: TECHNICAL REPORT STATEMENT OF RESPONSIBILITY - COMMERCIAL

NO.	INSPECTION/TEST	REQUIRED		FREQUENCY (MINIMUM)	REFERENCE STANDARD (SEE EGG CHAPTER 6) OR OTHER CRITERIA	EGG OR OTHER CITATION
		Y	N			
11B	MECHANICAL AND SERVICE WATER HEATING INSPECTIONS					
11B2	SHUT-OFF DAMPERS; DAMPERS FOR STAIR AND ELEVATOR SHAFT VENTS AND OTHER OUTDOOR AIR INTAKES AND EXHAUST OPENINGS INTEGRAL TO THE BUILDING ENVELOPE MUST BE VISUALLY INSPECTED TO VERIFY THAT SUCH DAMPERS, EXCEPT WHERE PERMITTED TO BE GRAVITY DAMPERS, COMPLY WITH APPROVED CONSTRUCTION DOCUMENTS. MANUFACTURER'S LITERATURE MUST BE REVIEWED TO VERIFY THAT THE PRODUCT HAS BEEN TESTED AND FOUND TO MEET THE STANDARD.	X		AS REQUIRED DURING INSTALLATION	APPROVED CONSTRUCTION DOCUMENTS; AMCA 500D	C402.5.5, C403.7.1; ASHRAE 90.1 - 6.4.3.4
11B3	HVAC-R COMMERCIAL KITCHEN EQUIPMENT, AND SERVICE WATER HEATING EQUIPMENT. EQUIPMENT SIZING, EFFICIENCIES, PIPE SIZING AND OTHER PERFORMANCE FACTORS OF ALL MAJOR EQUIPMENT UNITS, AS DETERMINED BY THE APPLICANT OF RECORD, AND NO LESS THAN 15% OF MINOR EQUIPMENT UNITS, MUST BE VERIFIED BY VISUAL INSPECTION AND, WHERE NECESSARY, REVIEW OF MANUFACTURER'S DATA. POOL HEATERS AND COVERS MUST BE VERIFIED BY VISUAL INSPECTION.	X		PRIOR TO FINAL PLUMBING AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS, ASHRAE 133, ASHRAE HVAC SYSTEMS AND EQUIPMENT HANDBOOK	C403.1, C403.2, C403.3, C403.7.5, C404.2, C404.5, C404.9, C405.10, C405.1, ASHRAE 90.1 - 6.3, 6.4, 6.5, 6.7, 7.4, 7.5, 7.8, 10.4.6, APPENDIX 1
11B4	HVAC-R AND SERVICE WATER HEATING SYSTEM CONTROLS. NO LESS THAN 20% OF EACH TYPE OF REQUIRED CONTROLS MUST BE VERIFIED BY VISUAL INSPECTION AND TESTED FOR FUNCTIONALITY AND PROPER OPERATION. SUCH CONTROLS MUST INCLUDE, BUT ARE NOT LIMITED TO: THERMOSTATIC, OFF-HOUR, ZONES, FREEZE PROTECTION/SHUT-OFF, MELT SYSTEM, VENTILATION SYSTEM AND FAN CONTROLS, ENERGY RECOVERY SYSTEMS, KITCHEN/LAB EXHAUST SYSTEMS, FAN SYSTEMS SERVING SINGLE AND MULTIPLE ZONES, OUTDOOR HEATING SYSTEMS, HVAC CONTROL IN HOTEL/MOTEL GUEST ROOMS, AIR/WATER ECONOMIZERS AND CONTROLS, HYDRONIC SYSTEMS, HEAT REJECTION SYSTEMS, HOT GAS BYPASS LIMITATION, REFRIGERATION SYSTEMS, DOOR SWITCHES, COMPUTER ROOM SYSTEMS, SERVICE WATER HEATING SYSTEMS, POOL HEATER AND TIME SWITCHES. CONTROLS WITH SEASONALLY DEPENDENT FUNCTIONALITY; CONTROLS WHOSE COMPLETE OPERATION CANNOT BE DEMONSTRATED DUE TO PREVAILING WEATHER CONDITIONS TYPICAL OF THE SEASON DURING WHICH PROGRESS INSPECTIONS WILL BE PERFORMED SHALL BE PERMITTED TO BE SIGNED OFF FOR THE PURPOSE OF A TEMPORARY CERTIFICATE OF OCCUPANCY WITH ONLY A VISUAL INSPECTION, PROVIDED, HOWEVER, THAT THE PROGRESS INSPECTOR MUST PERFORM A SUPPLEMENTAL INSPECTION WHERE THE CONTROLS ARE VISUALLY INSPECTED AND TESTED FOR FUNCTIONALITY AND PROPER OPERATION DURING THE NEXT IMMEDIATE SEASON THEREAFTER. THE OWNER MUST PROVIDE FULL ACCESS TO THE PROGRESS INSPECTOR WITHIN TWO WEEKS OF THE PROGRESS INSPECTOR'S REQUEST FOR SUCH ACCESS TO PERFORM THE PROGRESS INSPECTION. FOR SUCH SUPPLEMENTAL INSPECTIONS, THE DEPARTMENT MUST BE NOTIFIED BY THE APPROVED PROGRESS INSPECTION AGENCY OF ANY UNRESOLVED DEFICIENCIES IN THE INSTALLED WORK WITHIN 180 DAYS OF SUCH SUPPLEMENTAL INSPECTION.	X		AFTER INSTALLATION AND PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION, EXCEPT THAT FOR CONTROLS WITH SEASONALLY DEPENDENT FUNCTIONALITY, SUCH TESTING MUST BE PERFORMED BEFORE SIGN OFF FOR ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.	APPROVED CONSTRUCTION DOCUMENTS, INCLUDING CONTROL SYSTEM NARRATIVES, ASHRAE GUIDELINE 1: THE HVAC COMMISSIONING PROCESS WHERE APPLICABLE	C403, C404, C406; ASHRAE 90.1 - 6.3, 6.4, 6.5, 6.6, 7.4, 7.5, APPENDIX 1
11B5	HVAC-R AND SERVICE WATER PIPING DESIGN AND INSULATION. INSTALLED PIPING INSULATION MUST BE VISUALLY INSPECTED TO VERIFY PROPER INSULATION PLACEMENT AND VALUES. SERVICE HOT WATER DISTRIBUTION SYSTEMS MUST BE INSPECTED TO VERIFY THE SUPPLY OF HEATED WATER.	X		AFTER INSTALLATION AND PRIOR TO CLOSING SHAFTS, CEILINGS AND WALLS	APPROVED CONSTRUCTION DOCUMENTS	C403.11, C404.4, C404.5, MC 603.9; ASHRAE 90.1 - 6.3, 6.4.4, 6.8.2, 6.8.3; 7.4.3
11B6	DUCT LEAKAGE TESTING, INSULATION AND DESIGN. FOR DUCT SYSTEMS DESIGNED TO OPERATE AT STATIC PRESSURES IN EXCESS OF 8 INCHES W.G. (146 PA), REPRESENTATIVE SECTIONS, AS DETERMINED BY THE PROGRESS INSPECTOR, TOTALING AT LEAST 25% OF THE DUCT AREA MUST BE TESTED TO VERIFY THAT ACTUAL AIR LEAKAGE IS BELOW ALLOWABLE AMOUNTS. INSTALLED DUCT INSULATION MUST BE VISUALLY INSPECTED TO VERIFY PROPER INSULATION PLACEMENT AND VALUES. JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS AND CONNECTIONS IN DUCTWORK MUST BE VISUALLY INSPECTED FOR PROPER SEALING.	X		AFTER INSTALLATION AND PRIOR TO CLOSING SHAFTS, CEILINGS AND WALLS	APPROVED CONSTRUCTION DOCUMENTS; SMACNA HVAC AIR DUCT LEAKAGE TEST MANUAL; SMACNA DUCT CONSTRUCTION STANDARDS, METAL AND FLEXIBLE	C403.11; ASHRAE 90.1 - 6.4.4.2.2
11C	ELECTRICAL POWER AND LIGHTING SYSTEMS					
11C1	METERING-THE PRESENCE AND OPERATION OF ALL REQUIRED METERS FOR MONITORING TOTAL ELECTRICAL ENERGY USAGE AND/OR TOTAL FUEL USE, SYSTEM ENERGY USAGE, TENANT ENERGY USAGE, OR ELECTRICAL ENERGY USAGE IN BUILDINGS IN INDIVIDUAL DWELLING UNITS, OR IN TENANT SPACES MUST BE VERIFIED BY VISUAL INSPECTION.	X		PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	C405.5, C405.12; ASHRAE 90.1 - 8.4.3, 8.4.5, 8.4.6, 10.4.5
11C2	LIGHTING IN DWELLING UNITS; LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES MUST BE VISUALLY INSPECTED TO VERIFY COMPLIANCE WITH HIGH-EFFICACY REQUIREMENTS	X		PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	C405.1; ASHRAE 90.1 - 9.1.1
11C3	INTERIOR LIGHTING POWER-INSTALLED LIGHTING MUST BE VERIFIED FOR COMPLIANCE WITH THE LIGHTING POWER ALLOWANCE BY VISUAL INSPECTION OF FIXTURES, LAMPS, BALLASTS AND TRANSFORMERS.	X		PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION	APPROVED CONSTRUCTION DOCUMENTS	C405.3, C406; ASHRAE 90.1 - 9.1, 9.2, 9.5, 9.6, 9.7; 11.1.1; 11.1.2; 11.1.3; 11.1.4; 11.1.5; 11.1.6; 11.1.7; 11.1.8; 11.1.9; 11.1.10; 11.1.11; 11.1.12; 11.1.13; 11.1.14; 11.1.15; 11.1.16; 11.1.17; 11.1.18; 11.1.19; 11.1.20; 11.1.21; 11.1.22; 11.1.23; 11.1.24; 11.1.25; 11.1.26; 11.1.27; 11.1.28; 11.1.29; 11.1.30; 11.1.31; 11.1.32; 11.1.33; 11.1.34; 11.1.35; 11.1.36; 11.1.37; 11.1.38; 11.1.39; 11.1.40; 11.1.41; 11.1.42; 11.1.43; 11.1.44; 11.1.45; 11.1.46; 11.1.47; 11.1.48; 11.1.49; 11.1.50; 11.1.51; 11.1.52; 11.1.53; 11.1.54; 11.1.55; 11.1.56; 11.1.57; 11.1.58; 11.1.59; 11.1.60; 11.1.61; 11.1.62; 11.1.63; 11.1.64; 11.1.65; 11.1.66; 11.1.67; 11.1.68; 11.1.69; 11.1.70; 11.1.71; 11.1.72; 11.1.73; 11.1.74; 11.1.75; 11.1.76; 11.1.77; 11.1.78; 11.1.79; 11.1.80; 11.1.81; 11.1.82; 11.1.83; 11.1.84; 11.1.85; 11.1.86; 11.1.87; 11.1.88; 11.1.89; 11.1.90; 11.1.91; 11.1.92; 11.1.93; 11.1.94; 11.1.95; 11.1.96; 11.1.97; 11.1.98; 11.1.99; 11.1.100; 11.1.101; 11.1.102; 11.1.103; 11.1.104; 11.1.105; 11.1.106; 11.1.107; 11.1.108; 11.1.109; 11.1.110; 11.1.111; 11.1.112; 11.1.113; 11.1.114; 11.1.115; 11.1.116; 11.1.117; 11.1.118; 11.1.119; 11.1.120; 11.1.121; 11.1.122; 11.1.123; 11.1.124; 11.1.125; 11.1.126; 11.1.127; 11.1.128; 11.1.129; 11.1.130; 11.1.131; 11.1.132; 11.1.133; 11.1.134; 11.1.135; 11.1.136; 11.1.137; 11.1.138; 11.1.139; 11.1.140; 11.1.141; 11.1.142; 11.1.143; 11.1.144; 11.1.145; 11.1.146; 11.1.147; 11.1.148; 11.1.149; 11.1.150; 11.1.151; 11.1.152; 11.1.153; 11.1.154; 11.1.155; 11.1.156; 11.1.157; 11.1.158; 11.1.159; 11.1.160; 11.1.161; 11.1.162; 11.1.163; 11.1.164; 11.1.165; 11.1.166; 11.1.167; 11.1.168; 11.1.169; 11.1.170; 11.1.171; 11.1.172; 11.1.173; 11.1.174; 11.1.175; 11.1.176; 11.1.177; 11.1.178; 11.1.179; 11.1.180; 11.1.181; 11.1.182; 11.1.183; 11.1.184; 11.1.185; 11.1.186; 11.1.187; 11.1.188; 11.1.189; 11.1.190; 11.1.191; 11.1.192; 11.1.193; 11.1.194; 11.1.195; 11.1.196; 11.1.197; 11.1.198; 11.1.199; 11.1.200; 11.1.201; 11.1.202; 11.1.203; 11.1.204; 11.1.205; 11.1.206; 11.1.207; 11.1.208; 11.1.209; 11.1.210; 11.1.211; 11.1.212; 11.1.213; 11.1.214; 11.1.215; 11.1.216; 11.1.217; 11.1.218; 11.1.219; 11.1.220; 11.1.221; 11.1.222; 11.1.223; 11.1.224; 11.1.225; 11.1.226; 11.1.227; 11.1.228; 11.1.229; 11.1.230; 11.1.231; 11.1.232; 11.1.233; 11.1.234; 11.1.235; 11.1.236; 11.1.237; 11.1.238; 11.1.239; 11.1.240; 11.1.241; 11.1.242; 11.1.243; 11.1.244; 11.1.245; 11.1.246; 11.1.247; 11.1.248; 11.1.249; 11.1.250; 11.1.251; 11.1.252; 11.1.253; 11.1.254; 11.1.255; 11.1.256; 11.1.257; 11.1.258; 11.1.259; 11.1.260; 11.1.261; 11.1.262; 11.1.263; 11.1.264; 11.1.265; 11.1.266; 11.1.267; 11.1.268; 11.1.269; 11.1.270; 11.1.271; 11.1.272; 11.1.273; 11.1.274; 11.1.275; 11.1.276; 11.1.277; 11.1.278; 11.1.279; 11.1.280; 11.1.281; 11.1.282; 11.1.283; 11.1.284; 11.1.285; 11.1.286; 11.1.287; 11.1.288; 11.1.289; 11.1.290; 11.1.291; 11.1.292; 11.1.293; 11.1.294; 11.1.295; 11.1.296; 11.1.297; 11.1.298; 11.1.299; 11.1.300; 11.1.301; 11.1.302; 11.1.303; 11.1.304; 11.1.305; 11.1.306; 11.1.307; 11.1.308; 11.1.309; 11.1.310; 11.1.311; 11.1.312; 11.1.313; 11.1.314; 11.1.315; 11.1.316; 11.1.317; 11.1.318; 11.1.319; 11.1.320; 11.1.321; 11.1.322; 11.1.323; 11.1.324; 11.1.325; 11.1.326; 11.1.327; 11.1.328; 11.1.329; 11.1.330; 11.1.331; 11.1.332; 11.1.333; 11.1.334; 11.1.335; 11.1.336; 11.1.337; 11.1.338; 11.1.339; 11.1.340; 11.1.341; 11.1.342; 11.1.343; 11.1.344; 11.1.345; 11.1.346; 11.1.347; 11.1.348; 11.1.349; 11.1.350; 11.1.351; 11.1.352; 11.1.353; 11.1.354; 11.1.355; 11.1.356; 11.1.357; 11.1.358; 11.1.359; 11.1.360; 11.1.361; 11.1.362; 11.1.363; 11.1.364; 11.1.365; 11.1.366; 11.1.367; 11.1.368; 11.1.369; 11.1.370; 11.1.371; 11.1.372; 11.1.373; 11.1.374; 11.1.375; 11.1.376; 11.1.377; 11.1.378; 11.1.379; 11.1.380; 11.1.381; 11.1.382; 11.1.383; 11.1.384; 11.1.385; 11.1.386; 11.1.387; 11.1.388; 11.1.389; 11.1.390; 11.1.391; 11.1.392; 11.1.393; 11.1.394; 11.1.395; 11.1.396; 11.1.397; 11.1.398; 11.1.399; 11.1.400; 11.1.401; 11.1.402; 11.1.403; 11.1.404; 11.1.405; 11.1.406; 11.1.407; 11.1.408; 11.1.409; 11.1.410; 11.1.411; 11.1.412; 11.1.413; 11.1.414; 11.1.415; 11.1.416; 11.1.417; 11.1.418; 11.1.419; 11.1.420; 11.1.421; 11.1.422; 11.1.423; 11.1.424; 11.1.425; 11.1.426; 11.1.427; 11.1.428; 11.1.429; 11.1.430; 11.1.431; 11.1.432; 11.1.433; 11.1.434; 11.1.435; 11.1.436; 11.1.437; 11.1.438; 11.1.439; 11.1.440; 11.1.441; 11.1.442; 11.1.443; 11.1.444; 11.1.445; 11.1.446; 11.1.447; 11.1.448; 11.1.449; 11.1.450; 11.1.451; 11.1.452; 11.1.453; 11.1.454; 11.1.455; 11.1.456; 11.1.457; 11.1.458; 11.1.459; 11.1.460; 11.1.461; 11.1.462; 11.1.463; 11.1.464; 11.1.465; 11.1.466; 11.1.467; 11.1.468; 11.1.469; 11.1.470; 11.1.471; 11.1.472; 11.1.473; 11.1.474; 11.1.475; 11.1.476; 11.1.477; 11.1.478; 11.1.479; 11.1.480; 11.1.481; 11.1.482; 11.1.483; 11.1.484; 11.1.485; 11.1.486; 11.1.487; 11.1.488; 11.1.489; 11.1.490; 11.1.491; 11.1.492; 11.1.493; 11.1.494; 11.1.495; 11.1.496; 11.1.497; 11.1.498; 11.1.499; 11.1.500; 11.1.501; 11.1.502; 11.1.503; 11.1.504; 11.1.505; 11.1.506; 11.1.507; 11.1.508; 11.1.509; 11.1.510; 11.1.511; 11.1.512; 11.1.513; 11.1.514; 11.1.515; 11.1.516; 11.1.517; 11.1.518; 11.1.519; 11.1.520; 11.1.521; 11.1.522; 11.1.523; 11.1.524; 11.1.525; 11.1.526; 11.1.527; 11.1.528; 11.1.529; 11.1.530; 11.1.531; 11.1.532; 11.1.533; 11.1.534; 11.1.535; 11.1.536; 11.1.537; 11.1.538; 11.1.539; 11.1.540; 11.1.541; 11.1.542; 11.1.543; 11.1.544; 11.1.545; 11.1.546; 11.1.547; 11.1.548; 11.1.549; 11.1.550; 11.1.551; 11.1.552; 11.1.553; 11.1.554; 11.1.555; 11.1.556; 11.1.557; 11.1.558; 11.1.559; 11.1.560; 11.1.561; 11.1.562; 11.1.563; 11.1.564; 11.1.565; 11.1.566; 11.1.567; 11.1.568; 11.1.569; 11.1.570; 11.1.571; 11.1.572; 11.1.573; 11.1.574; 11.1.575; 11.1.576; 11.1.577; 11.1.578; 11.1.579; 11.1.580; 11.1.581; 11.1.582; 11.1.583; 11.1.584; 11.1.585; 11.1.586; 11.1.587; 11.1.588; 11.1.589; 11.1.590; 11.1.591; 11.1.592; 11.1.593; 11.1.594; 11.1.595; 11.1.596; 11.1.597; 11.1.598; 11.1.599; 11.1.600; 11.1.601; 11.1.602; 11.1.603; 11.1.604; 11.1.605; 11.1.606; 11.1.607; 11.1.608; 11.1.609; 11.1.610; 11.1.611; 11.1.612; 11.1.613; 11.1.614; 11.1.615; 11.1.616; 11.1.617; 11.1.618; 11.1.619; 11.1.620; 11.1.621; 11.1.622; 11.1.623; 11.1.624; 11.1.625; 11.1.626; 11.1.627; 11.1.628; 11.1.629; 11.1.630; 11.1.631; 11.1.632; 11.1.633; 11.1.634; 11.1.635; 11.1.636; 11.1.637; 11.1.638; 11.1.639; 11.1.640; 11.1.641; 11.1.642; 11.1.643; 11.1.644; 11.1.645; 11.1.646; 11.1.647; 11.1.648; 11.1.649; 11.1.650; 11.1.651; 11.1.652; 11.1.653; 11.1.654; 11.1.655; 11.1.656; 11.1.657; 11.1.658; 11.1.659; 11.1.660; 11.1.661; 11.1.662; 11.1.663; 11.1.664; 11.1.665; 11.1.666; 11.1.667; 11.1.668; 11.1.669; 11.1.670; 11.1.671; 11.1.672; 11.1.673; 11.1.674; 11.1.675; 11.1.676; 11.1.677; 11.1.678; 11.1.679; 11.1.680; 11.1.681; 11.1.682; 11.1.683; 11.1.684; 11.1.685; 11.1.686; 11.1.687; 11.1.688; 11.1.689; 11.1.690; 11.1.691; 11.1.692; 11.1.693; 11.1.694; 11.1.695; 11.1.696; 11.1.697; 11.1.698; 11.1.699; 11.1.700; 11.1.701; 11.1.702; 11.1.703; 11.1.704; 11.1.705; 11.1.706; 11.1.707; 11.1.708; 11.1.709; 11.1.710; 11.1.711; 11.1.712; 11.1.713; 11.1.714; 11.1.715; 11.1.716; 11.1.717; 11.1.718; 11.1.719; 11.1.720; 11.1.721; 11.1.722; 11.1.723; 11.1.724; 11.1.725; 11.1.726; 11.1.727; 11.1.728; 11.1.729; 11.1.730; 11.1.731; 11.1.732; 11.1.733; 11.1.734; 11.1.735; 11.1.736; 11.1.737; 11.1.738; 11.1.739; 11.1.740; 11.1.741; 11.1.742; 11.1.743; 11.1.744; 11.1.745; 11.1.746; 11.1.747; 11.1.748; 11.1.749; 11.1.750; 11.1.751; 11.1.752; 11.1.753; 11.1.754; 11.1.755; 11.1.756; 11.1.757; 11.1.758; 11.1.759; 11.1.760; 11.1.761; 11.1.762; 11.1.763; 11.1.764; 11.1.765; 11.1.766; 11.1.767; 11.1.768; 11.1.769; 11.1.770; 11.1.771; 11.1.772; 11.1.773; 11.1.774; 11.1.775; 11.1.776; 11.1.777; 11.1.778; 11.1.779; 11.1.780; 11.1.781; 11.1.782; 11.1.783; 11.1.784; 11.1.785; 11.1.786; 11.1.787; 11.1.788; 11.1.789; 11.1.790; 11.1.791; 11.1.792; 11.1.793; 11.1.794; 11.1.795; 11.1.796; 11.1.797; 11.1.798; 11.1.799; 11.1.800; 11.1.801; 11.1.802; 11.1.803; 11.1.804; 11.1.805; 11.1.806; 11.1.807; 11.1.808; 11.1.809; 11.1.810; 11.1.811; 11.1.812; 11.1.813; 11.1.814; 11.1.815; 11.1.816; 11.1.817; 11.1.818; 11.1.819; 11.1.820; 11.1.821; 11.1.822; 11.1.823; 11.1.824; 11.1.825; 11.1.826; 11.1.827; 11.1.828; 11.1.829; 11.1.830; 11.1.831; 11.1.832; 11.1.833; 11.1.834; 11.1.835; 11.1.836; 11.1.837; 11.1.838; 11.1.839; 11.1.840; 11.1.841; 11.1.842; 11.1.843; 11.1.844; 11.1.845; 11.1.846; 11.1.847; 11.1.848; 11.1.849; 11.1.850; 11.1.851; 11.1.852; 11.1.853; 11.1.854; 11.1.855; 11.1.856; 11.1.857; 11.1.858; 11.1.859; 11.1.860; 11.1.861; 11.1.862; 11.1.863; 11.1.864; 11.1.865; 11.1.866; 11.1.867; 11.1.868; 11.1.869; 11.1.870; 11.1.871; 11.1.872; 11.1.873; 11.1.874; 11.1.875; 11.1.876; 11.1.877; 11.1.878; 11.1.879; 11.1.880; 11.1.881; 11.1.882; 11.1.883; 11.1.884; 11.1.885; 11.1.886; 11.1.887; 11.1.888; 11.1.889; 11.1.890; 11.1.891; 11.1.892; 11.1.893; 11.1.894; 11.1.895; 11.1.896; 11.1.897; 11.1.898; 11.1.899; 11.1.900; 11.1.901; 11.1.902; 11.1.903; 11.1.904; 11.1.905; 11.1.906; 11.1.907; 11.1.908; 11.1.909; 11.1.910; 11.1.911; 11.1.912; 11.1.913; 11.1.914; 11.1.915; 11.1.916; 11.1.917; 11.1.918; 11.1.919; 11.1.920; 11.1.921; 11.1.922; 11.1.923; 11.1.924; 11.1.925; 11.1.926; 11.1.927; 11.1.928; 11.1.929; 11.1.930; 11.1.931; 11.1.932; 11.1.933; 11.1.934; 11.1.935; 11.1.936; 11.1.937; 11.1.938; 11.1.939; 11.1.940; 11.1.941; 11.1.942; 11.1.943; 11.1.944; 11.1.945; 11.1.946; 11.1.947; 11.1.948; 11.1.949; 11.1.950; 11.1.951; 11.1.952; 11.1.953; 11.1.954; 11.1.955; 11.1.956; 11.1.957; 11.1.958; 11.1.959; 11.1.960; 11.1.961; 11.1.962; 11.1.963; 11.1.964; 11.1.965; 11.1.966; 11.1.967; 11.1.968; 11.1.969; 11.1.970; 11.1.971; 11.1.972; 11.1.973; 11.1.974; 11.1.975; 11.1.976; 11.1.977; 11.1.978; 11.1.979; 11.1.980; 11.1.981; 11.1.982; 11.1.983; 11.1.984; 11.1.985; 11.1.986; 11.1.987; 11.1.988; 11.1.989; 11.1.990; 11.1.991; 11.1.992; 11.1.993; 11.1.994; 11.1.995; 11.1.99

Section # & Req. ID	Mechanical Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
6.4.1.4 (ME13)	HVAC equipment efficiency verified. Non-NAECA HVAC equipment labeled as meeting 90.1.	Efficiency_____	Efficiency_____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Mechanical Systems list for values.
6.4.3.4.1 (ME31)	Stair and elevator shaft vents have motorized dampers that automatically close.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.4.2 (ME41)	Outdoor air and exhaust systems have motorized dampers that automatically shut when not in use and meet maximum leakage rates. Check gravity dampers where allowed.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.4.5 (ME39)	Enclosed parking garage ventilation has automatic contaminant detection and capacity to stage or modulate fans to 50% or less of design capacity.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
6.4.3.4.4 (ME3)	Ventilation fans >0.75 hp have automatic controls to shut off fan when not required.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.8 (ME6)	Demand control ventilation provided for spaces >500 ft <sup>2</sup> and >25 people/1000 ft <sup>2</sup> occupant density and served by systems with air side economizer, auto modulating outside air damper control, or design airflow >3,000 cfm.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.3.2.1 (ME40)	DX cooling systems >= 75 kBtu/h (>= 65 kBtu/h effective 1,000 ft <sup>2</sup> ) and chilled-water and evaporative cooling fan motor hp >= 1/2 designed to vary supply fan airflow as a function of load and comply with operational requirements.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met. See the Mechanical Systems list for values.
6.4.4.1.1 (ME7)	Insulation exposed to weather protection from damage. Insulation outside of the conditioned space and associated with cooling systems is vapor retardant.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.4.1.2 (ME8)	HVAC ducts and plenums insulated per Table 6.8.2. Where ducts or plenums are installed in or under a slab, verification may need to occur during foundation inspection.	R_____	R_____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.4.1.3 (ME9)	HVAC piping insulation thickness. Where piping is installed in or under a slab, verification may need to occur during foundation inspection.	_____in	_____in	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

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6.4.4.1 (ME11)	Thermally ineffective panel surfaces of sensible heating panels have insulation >= R-3.5.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
6.4.4.2.1 (ME10)	Ducts and plenums having pressure class ratings are Seal Class A construction.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.8.1.15 (ME10)	Electrically operated DX-DQAS units meet requirements per Tables 6.8.1.15 or 6.8.1.16.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
6.4.4.2.2 (ME11)	Ductwork operating >3 in. water column requires air leakage testing.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.4.2.2 (ME11)	Ductwork operating >3 in. water column requires air leakage testing.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.4.2.2 (ME11)	Ductwork operating >3 in. water column requires air leakage testing.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.2.1 (ME17)	Zone controls can limit reheating, recirculating, simultaneous heating and cooling and sequence heating and cooling to each zone.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.2.1 (ME17)	Zone controls can limit reheating, recirculating, simultaneous heating and cooling and sequence heating and cooling to each zone.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.2.2.1 (ME5)	Three-pipe hydronic systems using a common return for hot and chilled water are not used.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.2.2.1 (ME5)	Three-pipe hydronic systems using a common return for hot and chilled water are not used.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.2.3 (ME19)	Dehumidification controls provided to prevent reheating, recirculating, mixing of hot and cold airstreams or concurrent heating and cooling of the same airstream.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.2.4.1 (ME8)	Humidifiers with airstream mounted preheating jackets have preheat auto-shutoff value set to activate when humidification is not required.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.

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Section # & Req. ID	Mechanical Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
6.5.2.4 (ME9)	Humidification system dispersion tube not surfaces in the airstreams of ducts or air-handling units insulated >= R-0.5.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
6.5.2.5 (ME7)	Preheat coils controlled to stop heat output whenever mechanical cooling, including economizer operation, is active.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.2.6 (ME16)	Units that provide ventilation air to multiple zones and operate in conjunction with zone heating and cooling systems are prevented from using heating or heat recovery to warm supply air above 60°F when representative building loads or outdoor air temperature indicate that most zones demand cooling.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.4.7 (ME10)	Chilled-water cooling coils provide a 15°F or higher temperature difference between leaving and entering water temperatures and a minimum of 5°F leaving water temperature at design conditions.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.3.1.1 (ME2)	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.3.1.1 (ME2)	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.3.3 (ME42)	Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met. See the Mechanical Systems list for values.
6.5.3.3 (ME42)	Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met. See the Mechanical Systems list for values.
6.5.3.3 (ME42)	Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met. See the Mechanical Systems list for values.
6.5.3.5 (ME43)	Multiple zone HVAC systems have supply air temperature reset controls.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met. See the Mechanical Systems list for values.
6.5.3.5 (ME43)	Multiple zone HVAC systems have supply air temperature reset controls.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met. See the Mechanical Systems list for values.

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Section # & Req. ID	Mechanical Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
6.5.4.2 (ME25)	HVAC pumping systems with >= 3 control valves designed for variable fluid flow (see section details).			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.4.3 (ME26)	Fluid flow shutdown in pumping systems to multiple chillers or boilers when systems are shut down.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.4.3 (ME26)	Fluid flow shutdown in pumping systems to multiple chillers or boilers when systems are shut down.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.4.3 (ME27)	Temperature reset by representative building loads in pumping systems >10 hp for chiller and boiler systems >300,000 Btu/h.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.4.3 (ME27)	Temperature reset by representative building loads in pumping systems >10 hp for chiller and boiler systems >300,000 Btu/h.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.6.1 (ME56)	Exhaust air energy recovery on systems meeting Tables 6.5.6.1.1 and 6.5.6.1.2.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
6.5.6.2 (ME31)	Condenser heat recovery system that can heat water to 85°F or provide 60% of peak heat rejection is installed for preheating of service hot water.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.6.2 (ME31)	Condenser heat recovery system that can heat water to 85°F or provide 60% of peak heat rejection is installed for preheating of service hot water.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.7.2.1 (ME32)	Kitchen hoods >5,000 cfm have make up air >=50% of exhaust air volume.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
6.5.7.2.4 (ME49)	Approved field test used to evaluate design air flow rates and demonstrate proper capture and containment of kitchen exhaust systems.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.8.1 (ME34)	Unenclosed spaces that are heated use only radiant heat.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
6.5.9 (ME35)	Hot gas bypass limited to: <=240 MBtu/h - 15% >240 MBtu/h - 10%			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

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Section # & Req. ID	Mechanical Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
6.4.3.9 (ME3)	Heating for vestibules and air curtains with integral heating include automatic controls that shut off the heating system when outdoor air temperature > 43°F. Vestibule heating and cooling systems controlled by a thermostat in the vestibule with heating setpoint <= 60°F and cooling setpoint <= 60°F.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
6.5.10 (ME73)	Doors separating conditioned space from the outdoors have controls that disable/reset heating and cooling system when open.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

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Section # & Req. ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
8.4.2 (EL10)	At least 50% of all 125 volt 15- and 20-amp receptacles are controlled by an automatic control device.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
8.4.3 (EL11)	New buildings have electrical energy use measurement devices installed. Where tenant spaces exist, each tenant is monitored separately. In buildings with a digital control system the energy use is transmitted to the control system and displayed graphically.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
10.4.1 (EL9)	Electric motors meet requirements applicable.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

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Section # & Req. ID	Final Inspection	Complies?	Comments/Assumptions
6.4.3.1.1 (F2)	Heating and cooling to each zone is controlled by a thermostat control.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.1.1 (F2)	Heating and cooling to each zone is controlled by a thermostat control.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.1.2 (F3)	Thermostatic controls have a 5°F deadband.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.2 (F20)	Temperature controls have setpoint overlap restrictions.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.3.1 (F21)	HVAC systems equipped with at least one automatic shutdown control.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.3.2 (F22)	Setback controls allow automatic restart and temporary operation as required for maintenance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.3.4 (F23)	Zone isolation devices and controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.3.4 (F23)	Zone isolation devices and controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.12 (F200)	Air economizer has a fault detection and diagnostics (FDD) system (see details for configuration and operational requirements).	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.12 (F200)	Air economizer has a fault detection and diagnostics (FDD) system (see details for configuration and operational requirements).	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.6 (F16)	When humidification and dehumidification are provided to a zone, simultaneous operation is prohibited. Humidity control prohibits the use of fossil fuel or electricity to produce RH > 30% in the warmest zone humidified and RH < 60% in the coldest zone dehumidified.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.7.2.1 (F17)	Furnished HVAC as-built drawings submitted within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

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Section # & Req. ID	Final Inspection	Complies?	Comments/Assumptions
6.7.2.2 (F18)	Furnished O&M manuals for HVAC systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.7.2.3 (F19)	An air and/or hydronic system balancing report is provided for HVAC systems serving zones >5,000 ft <sup>2</sup> of conditioned area.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.7.2.4 (F10)	HVAC control systems have been tested to ensure proper operation, calibration and adjustment of controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
10.4.3 (F24)	Elevators are designed with the proper lighting, ventilation power, and standby mode.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: \_\_\_\_\_ Report date: 02/15/23  
Data filename: F:\19XXXX\19020.00 110 Dr. Martin Luther King Jr. Blvd\COMCHECK\20230215 Mech Comcheck- Page 11 of 12

Project Title: \_\_\_\_\_ Report date: 02/15/23  
Data filename: F:\19XXXX\19020.00 110 Dr. Martin Luther King Jr. Blvd\COMCHECK\20230215 Mech Comcheck- Page 12 of 12

		<b>Graf &amp; Lewent</b> Architects LLP	
90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989			
REVISION NUMBER		DATE	
MADE BY		APP'D BY	
REVISION			
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		CONTRACTOR	
NAME: _____ SIGNATURE: _____ TITLE: _____	DATE: _____	NAME: _____ SIGNATURE: _____ TITLE: _____	DATE: _____
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER <b>EN-011</b>
DIVISION OF ENGINEERING		SHEET NO. 71 OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: JAN 19, 2024 DWG FILE NO.	
ENERGY COMPLIANCE		52-11-EN-1883	REV NO. 0

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

**POLISE**  
CONSULTING ENGINEERS DPC  
133 WEST 19TH STREET  
NEW YORK, NY 10011  
TEL 212.645.1002  
WWW.POLISE.CDM

**COMcheck Software Version 4.1.5.5**  
**Interior Lighting Compliance Certificate**

**Project Information**

Energy Code: 90.1 (2016) Standard  
 Project Title: Dr. Martin Luther King Jr. Blvd Alteration  
 Project Type: Alteration

Construction Site: 110 Dr. Martin Luther King Blvd  
 White Plains, NY 10601  
 Owner/Agent: Designer/Contractor:

**Allowed Interior Lighting Power**

A Area Category	B Floor Area (ft <sup>2</sup> )	C Allowed Watts / ft <sup>2</sup>	D Allowed Watts (B X C)
1-1st Floor Office Area (Office)	9575	0.79	7564
2-2nd Floor Office Area (Office)	13372	0.79	10564
Total Allowed Watts =			18128

**Proposed Interior Lighting Power**

A Fixture ID - Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
<b>1st Floor Office Area (Office 9575 sq.ft.)</b>				
F1: LED: Other:	1	141	34	4794
F2: LED: Other:	1	7	28	196
<b>2nd Floor Office Area (Office 13372 sq.ft.)</b>				
F1: LED: Other:	1	146	34	4964
F2: LED: Other:	1	8	28	224
F4-4: LED: Other:	1	1	27	27
F4-7: LED: Other:	1	1	48	48
Total Proposed Watts =			10253	

**Interior Lighting PASSES**

**Interior Lighting Compliance Statement**

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 90.1 (2016) Standard requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Project Title: Dr. Martin Luther King Jr. Blvd Alteration  
 Data filename: F:\19XXX\19020.00 110 Dr. Martin Luther King Jr. Blvd\COMCHECK\2023.02.15 Lighting Comcheck.cck  
 Report date: 02/15/23  
 Page 1 of 5

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
8.7.1 [F116] <sup>1</sup>	Furnished as-built drawings for electric power systems within 30 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
8.7.2 [F117] <sup>1</sup>	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
9.2.2.3 [F118] <sup>1</sup>	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Interior Lighting fixture schedule for values.
9.4.4 [F120] <sup>1</sup>	At least 75% of all permanently installed lighting fixtures in dwelling units have >= 55 lm/W efficacy or a >= 45 lm/W total luminaire efficacy.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.

**Additional Comments/Assumptions:**

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: Dr. Martin Luther King Jr. Blvd Alteration  
 Data filename: F:\19XXX\19020.00 110 Dr. Martin Luther King Jr. Blvd\COMCHECK\2023.02.15 Lighting Comcheck.cck  
 Report date: 02/15/23  
 Page 4 of 5

**COMcheck Software Version 4.1.5.5**  
**Inspection Checklist**  
 Energy Code: 90.1 (2016) Standard

Requirements: 100.0% were addressed directly in the COMcheck software  
 Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
4.2.2, 8.4.1.1, 8.4.1.2, 8.7 [PR6] <sup>1</sup>	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the electrical systems and equipment and document where exceptions are claimed. Feeder connectors sized in accordance with approved plans and branch circuits sized for maximum drop of 3%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
4.2.2, 9.4.3, 9.7 [PR4] <sup>1</sup>	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

**Additional Comments/Assumptions:**

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

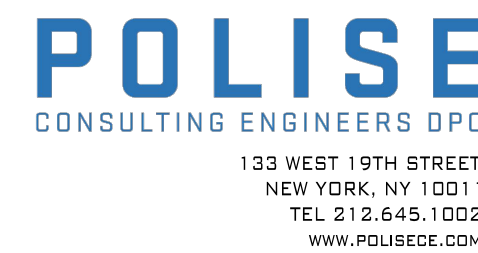
Project Title: Dr. Martin Luther King Jr. Blvd Alteration  
 Data filename: F:\19XXX\19020.00 110 Dr. Martin Luther King Jr. Blvd\COMCHECK\2023.02.15 Lighting Comcheck.cck  
 Report date: 02/15/23  
 Page 2 of 5

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
8.4.2 [EL10] <sup>2</sup>	At least 50% of all 125 volt 15- and 20-Amp receptacles are controlled by an automatic control device.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
8.4.3 [EL11] <sup>2</sup>	New buildings have electrical energy use measurement devices installed. Where tenant spaces exist, each tenant is monitored separately. In buildings with a digital control system the energy use is transmitted to control system and displayed graphically.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
9.4.1.1 [EL1] <sup>2</sup>	Automatic control requirements prescribed in Table 9.6.1, for the appropriate space type, are installed. Mandatory lighting controls (labeled as "REQ") and optional choice controls (labeled as "ADD1" and "ADD2") are implemented.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
9.4.1.1 [EL2] <sup>2</sup>	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
9.4.1.1f [EL13] <sup>1</sup>	Daylight areas under skylights and roof monitors that have more than 150 W combined input power for general lighting are controlled by photocontrols.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
9.4.1.3 [EL4] <sup>1</sup>	Separate lighting control devices for specific uses installed per approved lighting plans.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
9.6.2 [EL8] <sup>1</sup>	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

**Additional Comments/Assumptions:**

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)  
 Project Title: Dr. Martin Luther King Jr. Blvd Alteration  
 Data filename: F:\19XXX\19020.00 110 Dr. Martin Luther King Jr. Blvd\COMCHECK\2023.02.15 Lighting Comcheck.cck  
 Report date: 02/15/23  
 Page 3 of 5

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



CONSULTANT SEAL		CONSULTANT INFORMATION	
		<b>Graf &amp; Lewent</b> Architects LLP	
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REVISION NUMBER	DATE	MADE BY	APPD BY
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		CONTRACTOR	
NAME:	NAME:	NAME:	NAME:
SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
TITLE:	DATE:	TITLE:	DATE:
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER <b>EN-012</b>
DIVISION OF ENGINEERING		SHEET NO. 72 OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO.	
ENERGY COMPLIANCE		52-11-EN-1884	REV NO. 0



VAV BOX WITH 1 ROW HYDRONIC COIL													ANEMOSTAT AS STD.
SYMBOL	PRIMARY AIR VALVE			HOT WATER COIL				PHYSICAL SIZE			MANUFACTURER MODEL NUMBER	REMARKS:	
	MIN CFM	MAX CFM	MIN SF IN/AG.	ENT H <sub>2</sub> O L/G H <sub>2</sub> O	NO. OF ROWS	GPM	SAIR RISE H <sub>2</sub> O FT/AG.	AIR P.D. FT/AG.	INLET SIZE DIAMETER	DUCT DISCHARGE W x H			BOX DIMENSION (INCLUDING CONTROL BOX) L x W x H
VAV 1	60	300	0.21	120	1	1	-	0.07	5φ	10' x 10'	21 5/8" x 16 1/2" x 10"	EZTS	PROVIDE THE FOLLOWING FACTORY OPTIONS (TYPICAL FOR ALL SIZES)  1. FACTORY MOUNTED DDG CONTROLS (PROVIDED BY BMS)  2. 1 ROW HOT WATER COIL  3. INSULATED HINGED BOTTOM ACCESS DOOR  4. 1" DUAL DENSITY MATTE FACED FIBERGLASS INSULATION  5. 24V ACTUATORS - ACTUATORS WIRED BY BMS
VAV 2	90	450	0.23	120	1	1	-	0.23	6φ	10' x 10'	21 5/8" x 16 1/2" x 10"	EZTS	
VAV 3	160	700	0.25	120	1	2	-	0.24	8φ	12' x 10'	21 5/8" x 18 1/2" x 10"	EZTS	
VAV 4	270	1,000	0.24	120	1	2	-	0.23	10φ	14' x 12 1/2"	23 5/8" x 20 1/2" x 12 1/2"	EZTS	
VAV 5	360	1,400	0.25	120	1	3	-	0.23	12φ	16' x 15'	27 5/8" x 22 1/2" x 15"	EZTS	

FAN SCHEDULE													GREENHECK AS STD.	
NO	FAN DATA						MOTOR DATA						REMARKS:	
	SERVICE	LOCATION	TOTAL AIR CFM	FAN SPEED RPM	EXT. STATIC PRESS	BHP	HP	SPEED RPM	MODEL NO.	WEIGHT LBS.	DIMENSIONS (LXWXH)	DRIVE		ELECTRIC DATA VOLTS / PHASE
RF 6	2ND & 3RD FLOORS	MECH ROOM	11000	743	1.25	3.58	5	800	5Q-30-07-0700-VG	478	43.00'X 43.00'X 43.00'	DIRECT	460/3	1. SWITCH, NEMA-3R, TOGGLE SHIPPED WITH UNIT 2. VFD 3. INTEGRAL DISCONNECT
RF 7	1ST, 2ND & 3RD FLOORS	MECH ROOM	21300	1338	1.75	14.76	15	1725	TBI-FS-5H54-150	990	38.75'X 31.88'X 64.63'	BELT	460/3	1. SWITCH, NEMA-3R, TOGGLE SHIPPED WITH UNIT 2. VFD 3. INTEGRAL DISCONNECT
EF 1	1ST & 2ND FLOOR BATHROOMS	ROOF	980	1725	1.0	0.29	1/4	1725	G-100-VG	40	24.40'X 24.40'X 29.70'	DIRECT	115/1	1. SWITCH, NEMA-1, TOGGLE, SHIPPED WITH UNIT. 2. VARI-GREEN DIAL 3. INTEGRAL ISOLATION DAMPER 4. MANUFACTURER'S ROOF CURB 5. INTEGRAL DISCONNECT

RADIATOR SCHEDULE											VULCAN AS STD.	
NO	DESCRIPTION	BTU PER LIN. FT. OF ELEMENT	ENT H <sub>2</sub> O L/G H <sub>2</sub> O	FINNED LENGTH	FIN SIZE H x W	NORMAL TUBE DIA.	NO. OF ROWS	FIN THICK	ENCLOSURE H x W		MODEL NO.	REMARKS:
									FINNED PER FT.	FINNED PER FT.		
BB 1,2	VULCAN LINOVECTOR II	1060	180	36"	2-1/2"X 2-3/4"	3/4"	1	0.01	-	-	VR02	BARE ELEMENT

SPLIT SYSTEM SCHEDULE																	DAIKIN AS STD.				
EVAP NO.	LOCATION & SERVICE	TYPE	EVAPORATOR NUMBER	INDOOR EVAPORATOR UNIT DATA						OUTDOOR CONDENSING UNIT DATA											
				SUPPLY H/L	HEATING CAP. MBTU	COOLING CAP. MBTU	ESP	VOLTS / PHASE	MCA MAX CKT BKR	WEIGHT (LBS)	DIMENSIONS (LXWXH)	COND UNIT NO.	CONDENSER MODEL NUMBER	CAPACITY (MBH) COOLING/HEATING	VOLTS / PHASE	MCA MAX CKT BKR	COMP. RLA	ARI SEER	WEIGHT (LBS)	DIMENSIONS (LXWXH)	
EVAP 30	ELEVATOR MACHINE ROOMS	WALL MOUNTED	FTX30NVJV	890/572	34.8	31.4	-	208/1	-	38	47-1/4"X 10-5/16"X 13-3/8"	CU 30	RX30NMVJV	31.4	34.8	208/1	19.8/20	18.25	17.50	133	34-1/4"X 12-5/8"X 28-15/16"

NOTES:  
 ALL UNITS PROVIDED WITH R-410A REFRIGERANT. ALL REFRIGERANT PIPE SIZES AND ROUTING TO BE PER MANUFACTURER BASED ON FINAL FIELD CONDITIONS AND ROUTING.  
 -MANUFACTURER'S STANDALONE CONTROLS WITH BMS INTERFACE FOR MONITORING.  
 -INTEGRAL DISCONNECT  
 -INTEGRAL CONDENSATE PUMP

DRAWING-ISSUE LIST					
Sheet #	Latest DOB Rev. #	Sheet Title	2023.09.31 100% SUBMISSION	2023.02.15 RESPONSE TO MESCHETER COMMENTS	2023.08.04 RESPONSE TO MESCHETER COUNTY COMMENTS TO RESUBMITTER COUNTY COMMENTS
M-010.00		SYMBOLS, ABBREVIATIONS, SCHEDULES AND NOTES	X	X	X
M-011.00		SCHEDULES	X	X	X
M-020.00		DETAILS	X	X	X
M-021.00		DETAILS	X	X	X
M-039.00		CHILLER ROOM MECHANICAL DEMOLITION PLAN	X	X	X
M-042.00		1ST FLOOR CENTRAL WING MECHANICAL DEMOLITION PLAN	X	X	X
M-043.00		1ST FLOOR NORTH WING MECHANICAL DEMOLITION PLAN	X	X	X
M-044.00		2ND FLOOR CENTRAL WING MECHANICAL DEMOLITION PLAN	X	X	X
M-045.00		2ND FLOOR NORTH WING MECHANICAL DEMOLITION PLAN	X	X	X
M-052.00		1ST FLOOR CENTRAL WING MECHANICAL PIPING DEMOLITION PLAN	X	X	X
M-053.00		1ST FLOOR NORTH WING MECHANICAL PIPING DEMOLITION PLAN	X	X	X
M-054.00		2ND FLOOR CENTRAL WING MECHANICAL PIPING DEMOLITION PLAN	X	X	X
M-055.00		2ND FLOOR NORTH WING MECHANICAL PIPING DEMOLITION PLAN	X	X	X
M-048.00		BOILER ROOM MECHANICAL PLAN	X	X	X
M-049.00		CHILLER ROOM MECHANICAL PLAN	X	X	X
M-101.00		2ND SUBGRADE GARAGE MECHANICAL PLAN	X	X	X
M-102.00		1ST FLOOR CENTRAL WING MECHANICAL PLAN	X	X	X
M-103.00		1ST FLOOR NORTH WING MECHANICAL PLAN	X	X	X
M-104.00		2ND FLOOR CENTRAL WING MECHANICAL PLAN	X	X	X
M-105.00		2ND FLOOR NORTH WING MECHANICAL PLAN	X	X	X
M-106.00		3RD FLOOR & ROOF MECHANICAL PART PLAN	X	X	X
M-130.00		PARTIAL BASEMENT MECHANICAL PLAN - 110 MLK BLVD	X	X	X
M-131.00		PARTIAL ROOF MECHANICAL PLAN - ELEVATOR HOISTWAY - 110 MLK BLVD	X	X	X
M-135.00		ROOF MECHANICAL PLAN - ELEVATOR MACHINE ROOM - 111 MLK BLVD	X	X	X
M-137.00		BASEMENT MECHANICAL PLAN - ELEVATOR - 143 GRAND STREET	X	X	X
M-138.00		3RD FLOOR & ROOF MECHANICAL PLAN - 143 GRAND STREET	X	X	X
M-202.00		1ST FLOOR CENTRAL WING MECHANICAL PIPING PLAN	X	X	X
M-203.00		1ST FLOOR NORTH WING MECHANICAL PIPING PLAN	X	X	X
M-204.00		2ND FLOOR CENTRAL WING MECHANICAL PIPING PLAN	X	X	X
M-205.00		2ND FLOOR NORTH WING MECHANICAL PIPING PLAN	X	X	X

ABBREVIATIONS			
ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
A.C.	AIR CONDITIONING CONTRACTOR	FT.	FEET
A.D.	ACCESS DOOR	GA.	GAUGE
AFF.	ABOVE FINISH FLOOR	G.C.	GENERAL CONTRACTOR
AL.	ALUMINUM DUCTWORK	GI.	GALVANIZED IRON
ALD.	AUTOMATIC LOUVER DAMPER	GPM.	GALLONS PER MINUTE
ALN.S.M.S.	ALUMINUM LOUVER AND WIRE MESH SCREEN	H.C.	HEATING COIL
A.P.	ACCESS PANEL	H.C.L.G.	HUNG CEILING
A.T.C.	AUTOMATIC TEMPERATURE CONTROLS	H.E.	HEAT EXCHANGER
B.B.	BASE BOARD RADIATION	H.F.	HOT WATER RETURN
B.F.	BLIND FLANGE	H.P.R.	HIGH PRESSURE STEAM RETURN
B.G.	BOTTOM GRILLE	H.P.S.	HIGH PRESSURE STEAM SUPPLY
B.I.	BLACK IRON	H.T.	HEIGHT
B.L.D.G.	BUILDING	H.V.A.C.	HEATING VENTILATING AND AIR CONDITIONING
B.M.S.	BUILDING MANAGEMENT SYSTEM	H.N.R.	HOT WATER RETURN
B.O.	BLANK OFF	H.M.S.	HOT WATER SUPPLY
C.C.	COOLING COIL	H.T.H.W.R.	HIGH-TEMP HOT WATER RETURN
C.D.	CEILING DIFFUSER	H.T.H.S.	HIGH-TEMP HOT WATER SUPPLY
C.F.M.	CUBIC FEET PER MINUTE	I.B.	INTERNAL BOOT
CH.	CABINET HEATER	I.N.	INCHES
CH.W.R.	CHILLED/HOT WATER RETURN	KE.	KITCHEN EXHAUST
CH.W.S.	CHILLED/HOT WATER SUPPLY	L.B.	FOUND
CLG.	CEILING	L.P.R.	LOW PRESSURE STEAM RETURN
C.L.O.	CAPPED OUTLET	L.P.S.	LOW PRESSURE STEAM SUPPLY
C.O.	COOLING COIL	M.B.H.	1000'S BTU/H.R.
C.O.D.	CLEAN OUT DOOR	M.C.C.	MOTOR CONTROL CENTER
CP.	CONDENSATE PUMP	MD.	MOTORIZED DAMPER
CR.	CEILING REGISTER	M.P.R.	MEDIUM PRESSURE STEAM RETURN
CT.	COOLING TOWER	O.A.	OUTLET AIR
C.N.	CITY COLD WATER	O.A.I.	OUTSIDE AIR INTAKE
C.M.R.	CONDENSER WATER RETURN	O.V.	OUTLET VELOCITY
C.M.S.	CONDENSER WATER SUPPLY	P.C.	PLUMBING CONTRACTOR
D.	DIAMETER	P.D.	PUMP DISCHARGE
DIA.	DIAMETER	P.H.C.	PRE-HEAT COIL
DN.	DOWN	P.O.	PLUGGED OUTLET
DWG.	DRAWING	P.R.V.	PRESSURE REDUCING VALVE
EF.	EXHAUST FAN	P.S.I.	POUNDS PER SQUARE INCH
EH.	ELECTRICAL HEATER	PITOT TUBE	PITOT TUBE
ELEC.	ELECTRICAL	R.A.	RETURN AIR
ELEC.CONTR.	ELECTRIC CONTRACTOR	R.A.G.	RETURN AIR GRILLE
ELEV.	ELEVATION	R.H.C.	RE-HEAT COIL
EQUIP.	EQUIPMENT	S.A.	SUPPLY AIR
EXH.	EXHAUST	S.P.	STATIC PRESSURE
EXIST.	EXISTING	SPRINK.	SPRINKLER CONTRACTOR
F.	FILTER	SQ.FT.	SQUARE FEET
F.A.I.	FRESH AIR INTAKE	T.C.	TOP CONNECTION
F.B.O.	FURNISH BY OTHERS	T.D.	TRANSFER DUCT
FC.	FLEXIBLE CONNECTION	T.G.	TOP GRILLE
FD.	FLOOR DRAIN	T.R.	TOP REGISTER
FFD.	FUNNEL DRAIN	TR.G.R.	TRANSFER GRILLE
FLOOR.	FLOOR	U.A.	UNDERWRITER'S APPROVED UNIT HEATER
F.L.	FINNED LENGTH	U.H.	UNIT HEATER
FLD.	FUSIBLE LINK DAMPER	V.D.	VOLUME DAMPER (MANUAL)
FLT.G.	FUSIBLE LINK TOP GRILLE	V.F.D.	VARIABLE FREQUENCY DRIVE
FL.T.R.	FUSIBLE LINK TOP REGISTER	V.O.	VALVED OUTLET
FSD.	COMBINATION MOTORIZED FIRE & SMOKE DAMPER	W.M.S.	WIRE MESH SCREEN
		W.U.	WINDOW UNIT

SYMBOL LIST			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	NEW DUCTWORK - REFER TO SPECIFICATIONS FOR INSULATION		INDICATES REMOTE DAMPER WITH GABLE OPERATOR
	NEW DUCTWORK MADE WITH ALUMINUM OR STAINLESS STEEL		FUSIBLE LINK DAMPER
	ROUND DUCTWORK		COMBINATION MOTORIZED SMOKE AND FIRE DAMPER
	EXISTING DUCTWORK TO BE REMOVED		AUTOMATIC LOUVER DAMPER
	EXISTING DUCTWORK TO REMAIN		VOLUME DAMPER
	FLEXIBLE DUCTWORK		CHILLED/HOT WATER SUPPLY
	DUCT UP		CHILLED/HOT WATER RETURN
	DUCT DOWN		HOT WATER SUPPLY
	SUPPLY AIR DUCT		HOT WATER RETURN
	RETURN OR EXHAUST DUCT		HIGH-TEMP HOT WATER SUPPLY
	SUPPLY DIFFUSER		HIGH-TEMP HOT WATER RETURN
	RETURN REGISTER		VENT ON RELIEF LINE
	SIDE WALL SUPPLY GRILLE		PUMP DISCHARGE
	SIDE WALL EXHAUST GRILLE		DRAIN LINE
	BMS THERMOSTAT		CITY WATER
	BMS TEMPERATURE SENSOR		PIPE UP
	COMBINATION THERMOSTAT, HUMIDITY SENSOR, AND CO2 SENSOR		PIPE DOWN
	SELF CONTAINED PROGRAMMABLE THERMOSTAT		PIPE STUB UP
	TEMPERATURE SENSOR		FLOW DIRECTIONS
	COMBINATION TEMPERATURE AND HUMIDITY SENSOR		PITCH PIPE UP OR DOWN
	COMBINATION TEMPERATURE CO2 SENSOR		FULL PORT BALL VALVE
	HUMIDISTAT		GATE VALVE
	HUMIDITY SENSOR		GLOBE VALVE
	STATIC PRESSURE TRANSMITTER		LUBRICATED PLUG COCK
	EXISTING THERMOSTAT		CHECK VALVE
	INDICATES NEW CONNECTION TO EXISTING		RELIEF VALVE
	INDICATES CAPPED CONNECTION OFF EXISTING		AIR VENT (HI-H-CAPACITY)
			UNION FITTING
			COMBINATION FULL PORT BALL VALVE WITH FAT PLUGS
			2-WAY AUTOMATIC CONTROL VALVE
			3-WAY AUTOMATIC CONTROL VALVE
			STRAINER WITH BLOWDOWN VALVE
			CONTROL VALVE STATION SEE RESPECTIVE DETAIL
			OUTDOOR SOLAR AND TEMPERATURE SENSOR
			CEILING MOUNTED BMS OCCUPANCY SENSOR
			OUTDOOR SOLAR AND TEMPERATURE SENSOR
			CO2 SENSOR
			BEAM CUT
			AREA OPEN REQUIRED FOR RETURN AIR IN SQUARE FEET FREE AREA

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CONTRACTOR			CONTRACTOR	
NAME:	SIGNATURE:			DATE:
TITLE:	TITLE:			DATE:
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION				CONTRACT NUMBER 20-502
DIVISION OF ENGINEERING				SHEET NUMBER M-010
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601				SCALE: AS NOTED DATE: JAN 19, 2024 DRW FILE NO.
SYMBOLS, ABBREVIATIONS, SCHEDULES AND NOTES				REV NO. 0

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DUCT INSULATION SCHEDULE																		
DUCT LOCATION	SPECIFIED INSULATION										CODE REQUIREMENTS ASHRAE 90.1-2013							
	SUPPLY AIR DUCTWORK (HEATING AND/OR COOLING SYSTEMS)					RETURN AIR DUCTWORK					HTG SUPPLY SUPPLY	CLG SUPPLY	HTG / CLG	RETURN				
	TYPE (SEE SPECS FOR ADD'L DETAILS)		THICKNESS (INCH)	R - VALUE	REMARKS	TYPE (SEE SPECS FOR ADD'L DETAILS)		THICKNESS (INCH)	R - VALUE	REMARKS								
CONDITIONED SPACE	D-1	MINERAL FIBER BLANKET			1.5	4.5	REQUIRED WHERE DUCT IS NOT INTERNALLY LINED	-	-	-	1.5	4.5	NOT REQUIRED	NR	NR	NR	NR	
UNCONDITIONED SPACE (A)	D-1	MINERAL FIBER BLANKET			2	6.0		D-1	MINERAL FIBER BLANKET			2	6.0		NR	R-1.4	R-3.5	NR

NOTES:  
1. DUCTWORK CONVEYING OUTDOOR AIR TO BE INSULATED WITH TYPE D-1 MINERAL FIBER BLANKET INSULATION MINIMUM 2" THICK PROVIDING VALUE OF R-6  
2. FLENUMS FOR OUTDOOR AIR INTAKE OR RELIEF EXHAUST AIR WHICH ARE EXPOSED TO OUTDOOR AIR TO BE INSULATED WITH TYPE D-1 MINERAL FIBER BLANKET 2" THICK W/ R-VALUE OF 6 OR D-2 MINERAL FIBER BOARD 1.5" THICK W/ R-VALUE OF 6.5. PROVIDE WATER PROOF FOIL SCRIM AND INSURE EXTERIOR FACING IS WATER PROOF AFTER INSTALLATION.

DIFFUSER SCHEDULE								ANEMOSTAT AS STD.
SYMBOL	DESCRIPTION	MODEL NUMBER	FRAME SIZE	NECK SIZE	CFM RANGE		REMARKS	
					FROM (MIN)	TO (MAX)		
GD	PLAQUE SUPPLY DIFFUSER	PARAGON PG	12" x 12" 24" x 24"	6Ø	0	200	360° HORIZONTAL PATTERN - 24" x 24" FRAME - 18" PLAQUE 1/8" DROP FACE	
				8Ø	201	325		
				10Ø	326	450		
				12Ø	451	600		
GR	CEILING RETURN PERFORATED	3P SERIES LAY IN 3PRD	24" x 24"	22" x 22"	-	-	3PRD FOR DUCTED RETURNS 3PL FOR OPEN TO H.C. APP.	

PIPE INSULATION SCHEDULE																			
APPLICATION	FLUID OPERATING TEMP (F)	CODE REQUIREMENT (ASHRAE 90.1-2013)							SPECIFIED INSULATION										
		INSULATION		NOMINAL PIPE SIZE (INCHES)					INSULATION		NOMINAL PIPE SIZE (INCHES)								
		MEAN RATING TEMP (F)	CONDUCTIVITY BTUIN / (HFT <sup>2</sup> F)	0.75	1.0 to 1.25	1.5 to 3.5	4.0 to 7.0	≥8.0	Jacket Type (Interior Installation)	Jacket Type (Exterior Installation)	0.75	1.0 to 1.25	1.5 to 3.5	4.0 to 7.0	≥8.0				
		INSULATION THICKNESS (INCHES)							INSULATION THICKNESS (INCHES)										
CHILLED WATER	40-60	75	0.21-0.27	0.5	0.5	1.0	1.0	1.0	F-1	MINERAL-FIBER	ASJ	0.16" Aluminum	15	0.23	0.5	1.0	1.0	1.0	1.0
HEATING HOT WATER	105-140	100	0.22-0.28	1.0	1.0	1.5	1.5	1.5	F-1	MINERAL-FIBER	ASJ	0.16" Aluminum	100	0.24	1.0	1.0	1.5	1.5	1.5
HEATING HOT WATER	141-200	125	0.25-0.29	1.5	1.5	2.0	2.0	2.0	F-1	MINERAL-FIBER	ASJ	0.16" Aluminum	125	0.25	1.5	1.5	2.0	2.0	2.0
CONDENSATE DRAIN	40-60	-	NR	NR	NR	NR	NR	NR	F-3	CLOSED CELL FLEXIBLE ELASTOMERIC	NOT REQUIRED	0.16" Aluminum	15	0.245	0.5	0.5	0.5	0.5	0.5
STEAM	201-250	150	0.21-0.30	2.5	2.5	2.5	3.0	3.0	F-1	MINERAL-FIBER	ASJ	0.16" Aluminum	150	0.26	2.0	2.0	2.5	2.5	2.5

NOTES:  
NR - NOT REQUIRED BY CODE  
1. TYPE P-1: MINERAL FIBER, PREFORMED PIPE INSULATION.  
2. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, ASTM C547 GLASS FIBER PIPE INSULATION WITH THERMAL CONDUCTIVITY (K FACTOR) NOT EXCEEDING 0.23 (BTU X IN) / (HR X FT 2 X DEG F) AT 75 DEG F MEAN TEMPERATURE. INSULATION SHALL BE JACKETED WITH WHITE REINFORCED ALL SERVICE VAPOR RETARDING JACKETING, VAPOR BARRIER MASTIC SHALL BE FOSTER 30-80 OR CHILDERS CP-35. ADHESIVE SHALL BE CHILDERS CP-82. AT THE SUBCONTRACTOR'S OPTION, SELF SEALING LAP JACKETING WITH ADHESIVE RELEASE STRIPS ON BOTH THE LAP AND THE JACKET MAY BE USED, NO EXPOSED STAPLES WILL BE ALLOWED. FIBERGLASS INSULATION SHALL BE INSTALLED IN ALL AREAS WHERE THE PIPING SYSTEM IS EXPOSED WITHIN DUCTS OR IN RETURN AND SUPPLY AIR FLENUMS. PROVIDE ONE OF THE FOLLOWING: FIBREX INSULATIONS INC., COREPLUS 1200, JOHNS MANVILLE, MICRO-LOK HP  
II. TYPE I, 850 DEG F MATERIALS: MINERAL OR GLASS FIBERS BONDED WITH A THERMOSETTING RESIN. COMPLY WITH ASTM C 547, TYPE I, GRADE A.  
III. TYPE II, 1200 DEG F MATERIALS: MINERAL OR GLASS FIBERS BONDED WITH A THERMOSETTING RESIN. COMPLY WITH ASTM C 547, TYPE II, GRADE A.  
3. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, TRYMER 2000 XP BY ITN INSULATION, POLYISOCYANURATE FOAM PIPE INSULATION WITH THERMAL CONDUCTIVITY (K FACTOR) NOT EXCEEDING 0.19 (BTU X IN) / (HR X FT 2 X DEG F) AT 75 DEG F MEAN TEMPERATURE. INSULATION SHALL BE JACKETED WITH SARAN, 560 OR 520 PVDC VAPOR BARRIER TAPE AND FILM WITH SELF SEALING TAPE. ASJ PAPER IS NOT ACCEPTABLE. EACH 36" LONG PIPE INSULATION SECTION SHALL BE ADDITIONALLY SECURED WITH FILAMENT TAPE OR 2" SARAN TAPE DOUBLE-WRAPPED CENTERED ON 15" VAPOR BARRIER MASTIC SHALL BE FOSTER 85-20 OR CHILDERS CP-35. ADHESIVE FOR LAPS SHALL BE FOSTER 85-75 OR CHILDERS CP-82. PUMPS, VALVES AND FITTINGS SHALL BE THE FABRICATED TRYMER WITH 20 X 20 GLASS FABRIC SEALED WITH FOSTER 80-20 VAPOR BARRIER MASTIC. TYPE B POLYISOCYANURATE FOAM INSULATION SHALL BE INSTALLED ONLY ON CHILLED AND HEATING HOT WATER PIPING (NOT EXCEEDING 300 DEG F) OR EQUAL. COMPARABLE PRODUCTS SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS BY ONE OF THE FOLLOWING: APACHE PRODUCTS COMPANY, DUNA USA INC, DUPONT, ELLIOT COMPANY  
II. COMPLY WITH ASTM C 554 I, TYPE I OR TYPE IV, EXCEPT THERMAL CONDUCTIVITY (K-VALUE) SHALL NOT EXCEED 0.14 BTU X IN/H X SQ. FT. X DEG F AT 75 DEG F AFTER 180 DAYS OF AGING.  
III. FLAME-SPREAD INDEX SHALL BE 25 OR LESS AND SMOKE-DEVELOPED INDEX SHALL BE 50 OR LESS FOR THICKNESS UP TO 1-1/2 INCHES AS TESTED BY ASTM E 84.  
IV. FABRICATE SHAPES ACCORDING TO ASTM C450 AND ASTM 585  
3. TYPE P-3: FLEXIBLE ELASTOMERIC, CLOSED-CELL, SPONGE- OR EXPANDED-RUBBER MATERIALS. COMPLY WITH ASTM C 534, TYPE I FOR TUBULAR MATERIALS AND TYPE II FOR SHEET MATERIALS.  
4. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, ARMSTRONG TYPE AF ARMAFLEX OR RUBATEX R 180-FS 25/50 RATED FLEXIBLE ELASTOMER PIPE INSULATION. INSULATION SHALL HAVE A THERMAL CONDUCTIVITY (K FACTOR) OF NOT MORE THAN 0.245 (BTU X IN) / (HR X FT 2 X DEG F) AT 75 DEG F MEAN TEMPERATURE WHEN TESTED BY ASTM C 177 AND A WATER VAPOR PERMEABILITY OF 0.20 OR LESS WHEN TESTED BY ASTM C395 WATER METHOD. ADHESIVE SHALL BE ARMAFLEX 520 BVL. COMPARABLE PRODUCTS SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS BY ONE OF THE FOLLOWING: AEROFLEX USA INC., AEROGEL, RBX CORP., INSUL-SHEET 1800 & INSUL-TUBE 180

### MATERIALS FOR PIPING UNDER 10"

PIPING AND FITTINGS SCHEDULE			
SERVICE	SIZE	PIPE	FITTINGS
CHILLED, HOT WATER, AND RISERS-(UP TO 300 PSIG), VENTS AND RELIEFS	2-1/2" AND UNDER	COPPER TYPE K, HARD DRAWN	150 PSI AND UNDER MALLEABLE IRON 150 LB, SCREWED 15 1 PSIG-300PSI; MALLEABLE IRON 300 LB, SCREWED
	3"- 10"	SCHEDULE 40, ASTM-A53, GRADE B, SEAMLESS TYPE "B"	SCHEDULE 40 WELD END
CONDENSATE PIPING	4" AND UNDER	COPPER TYPE L HARD DRAWN	WROUGHT OR COPPER WITH LEAD FREE 95/5 SOLDER OR BRAZED
VENTS AND RELIEFS		SAME MATERIALS AS PIPE SYSTEMS THEY SERVE	SAME MATERIAL AND FITTINGS AS SYSTEMS THEY SERVE

1. MATERIALS FOR PIPE & FITTINGS  
1.1. ALL STEEL PIPING SHALL BE TYPE ASTM-A-53 GRADE B SEAMLESS UNLESS NOTED OTHERWISE. FURNACE BUTT WELD PIPE IS NOT ACCEPTABLE. ALL PIPE SHALL BE OF THE DOMESTIC MANUFACTURER, DELIVERED TO THE JOB PROPERLY PRIMED AND MARKED AND SUPPLIED WITH THE INTERIOR SURFACES CLEAN AND RUST FREE. EACH END SHALL BE CAPPED TO AVOID THE RUSTING OF THE INTERIOR SURFACE. PIPING FOUND TO BE IN VIOLATION OF THIS SPECIFICATION MAY BE REQUIRED TO BE REMOVED FROM THE JOB SITE WHETHER OR NOT ALREADY INSTALLED.  
1.2. ALL STEEL PIPE SHALL BE MANUFACTURED IN THE UNITED STATES BY LAGLEDE, LTV, MAYERICK, NEWPORT, SAKHILL, TUBULARS, TEX-TUBE, US STEEL, OR WHEATLAND. SUBMIT MILL CERTIFICATIONS FROM THE PIPE MANUFACTURER REFER TO SECTION 15010 FOR REQUIREMENTS.  
1.3. ALL COPPER TUBING SHALL BE NOT LESS THAN 99.9 PERCENT PURE COPPER, AS MANUFACTURED IN THE UNITED STATES BY REVERE COPPER AND BRASS CO, CHASE BRASS AND COPPER CO, INC, BRIDGEPORT BRASS CO, HALSTEAD, MUELLER OR POLYMERINE WHEREVER POSSIBLE. TUBING SHALL BE CONTINUOUS WITH COUPLINGS UP TO 20 FEET IN LENGTH. TUBING SHALL CONFORM TO ASTM B88.  
1.4. PIPING SPECIFICATIONS SHALL BE SUBMITTED WITH SHOP DRAWINGS.  
1.5. PROVIDE DIELECTRIC FITTING FOR ALL CONNECTIONS OF DISSIMILAR METALS. BRASS FITTINGS ARE NOT ACCEPTABLE.

DUCT CONSTRUCTION, SEALING AND LEAKAGE TESTING SCHEDULE														
DUCTWORK						INDOOR DUCTWORK				OUTDOOR DUCTWORK				REMARKS
FUNCTION	CONNECTED TO	MATERIAL	PRESS DIFF	OP PRESS (INCH W.G.)	DUCT SEAL CLASS	DUCT LEAKAGE CLASS (GL)		LEAKAGE ALLOWED (F)		DUCT LEAKAGE CLASS (GL)		LEAKAGE ALLOWED (F)		
						RECT.	ROUND FLAT OVAL	RECT.	ROUND FLAT OVAL	RECT.	ROUND FLAT OVAL	RECT.	ROUND FLAT OVAL	
SUPPLY	AIR HANDLING UNITS, VAVS	GALVANIZED SHEET	+	1	A	16	Ø	16.0	Ø.0	4	4	4.0	4.0	
	OTHER EQUIPMENT	GALVANIZED SHEET	+	2	A	16	Ø	25.1	12.6	4	4	6.5	6.5	
RETURN	AIR HANDLING UNITS, VAVS	GALVANIZED SHEET	+/-	2	A	16	Ø	16.0	Ø.0	4	4	4.0	4.0	
	OTHER EQUIPMENT	GALVANIZED SHEET	+/-	2	A	16	Ø	25.1	12.6	4	4	6.5	6.5	
EXHAUST	TOILET EXHAUST	GALVANIZED SHEET	+/-	2	A	16	Ø	16.0	Ø.0	4	4	4.0	4.0	

LEAKAGE ALLOWED CALCULATED AS FOLLOWS: F = (GL)/(P.O.65) WHERE:  
F = ALLOWABLE LEAKAGE RATE IN CFM/100 SF OF DUCT SURFACE  
GL = LEAKAGE CLASS  
P = TEST STATIC PRESSURE  
THE FOLLOWING SYSTEMS SHALL BE REQUIRED TO BE FIELD LEAK TESTED:  
1. SUPPLY AND RETURN DUCTWORK FROM AIR HANDLING EQUIPMENT TO INLET SIDE OF AIR TERMINAL UNIT (VAV BOXES, AIR VALVES ETC)  
2. SUPPLY AND RETURN DUCTWORK RISERS IN VERTICAL ENCLOSED SHAFTS.  
3. CONSTANT VOLUME SUPPLY AND RETURN DUCTWORK ON SYSTEMS OVER 2" W.G. STATIC PRESSURE FROM AIR HANDLER TO BRANCH TAKE-OFFS.  
4. DUCTWORK LOCATED OUTDOORS REGARDLESS OF PRESSURE CLASSIFICATION.  
5. TOILET EXHAUST RISERS IN SHAFTS

CABINET HEATER SCHEDULE															TRANE AS STD.	
UNIT NO	TYPE	NOM CFM	MOTOR DATA				HEATING COIL DATA				PHYSICAL SIZE				REMARKS	
			ESP	RPM	VOLTS	WATTS	ENT H2O	NO. OF ROWS	CAPACITY MBH	ENT AIR	GPM	L X D X H	WEIGHT (LBS)	FILTER TYPE		MODEL NUMBER
CAB 1	VERTICAL	240	240	0.13	1	15	180	2	10.8	72	1.1	28-1/16 X 27-3/16 X 10-1/16	Ø1	1" THROW	TRANE FFH3020	UNIT MOUNTED DISCONNECT

PUMP SCHEDULE												B&G AS STD.	
NO	SERVICE	LOCATION	MODEL NUMBER	PUMP DATA			MOTOR DATA					REMARKS	
				GPM	HEAD IN FEET	MFG. CURVE NUMBER	RPM	BHP	VOLTS	PHASE	HERTZ		VIBRISOL TYPE
P 1,2	3RD FLOOR FOCUS	CHILLER ROOM	E-80 1.5X1.5X7C	120	150	-	3320	7.1	10	208	3	-	PROVIDE WITH VFD

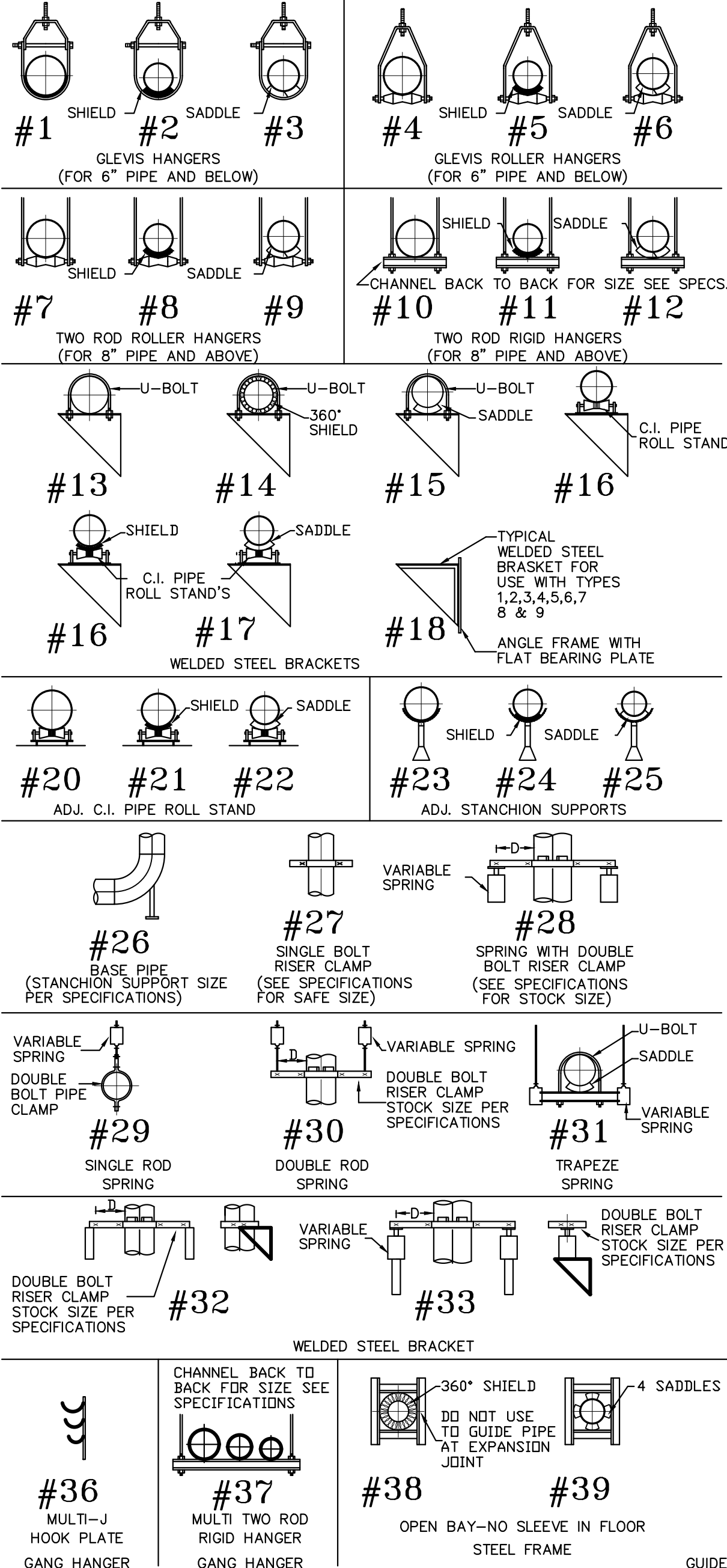
AIR HANDLING UNIT SCHEDULE																				TRANE AS STD.									
SYSTEM DATA				SUPPLY FAN DATA							COOLING COIL DATA							STEAM COIL DATA						FILTER DATA		REMARKS			
NO.	SERVICE	LOCATION	MODEL NUMBER	TOTAL AIR CAP. CFM	MIN OA CFM	EXT.	SP. (IN. WG.)	FAN RPM	MOTOR DATA	FACE AREA SQ. FT.	MIN ROWS	AIR VEL. F.P.M.	LOAD			AIR TEMP. DEG. F	FACE AREA SQ. FT.	MIN ROWS	AIR VEL. F.P.M.	LOAD	AIR TEMP. DEG. F	PRESSURE PSIG	COIL CONDENSATE	P.D. FT. H <sub>2</sub> O					
													ENT	LVG	W										ENT		LVG	W	
AHU 6	2ND AND 3RD FLOOR	GROUND FLOOR MECH ROOM	CSAA025	12700	3200	2.56	2338	16.4	460	24.08	6	527	408.8	80.2	50.96	112	STEAM	22.67	1	560	-	45	5.0	561.4	6.84	MERV 13	139.7 X 80 X 67	3480	-PROVIDE WITH VFD -MERV 13 FILTERS
AHU 7	1ST, 2ND AND 3RD FLOORS	GROUND FLOOR MECH ROOM	CSAA066	30300	7600	2.89	2015	38.42	460	65.63	6	462	923.7	80	52.3	271	STEAM	60.38	1	502	-	45	5.0	1061	5.98	MERV 13	157.4 X 140.5 X 94.5	8968	

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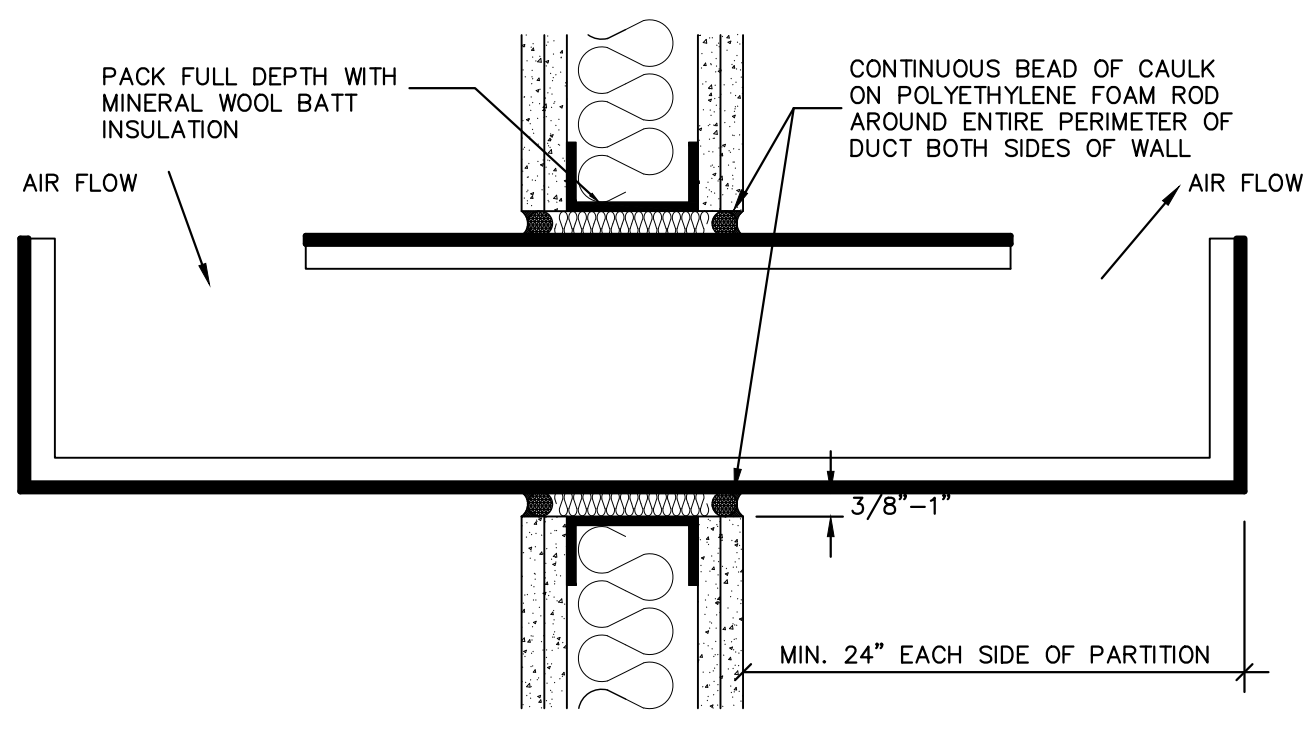
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TITLE: _____	TITLE: _____	
DATE: _____	DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502
DIVISION OF ENGINEERING		SHEET NO. 74 of 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: JAN 19, 2024 DW FILE NO.
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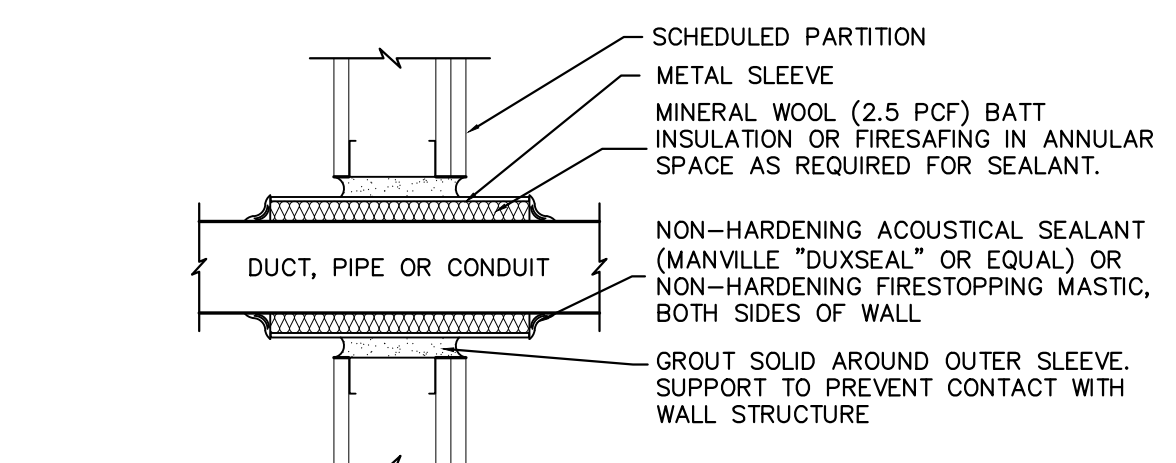
**PIPE HANGER & SUPPORT SCHEDULE**



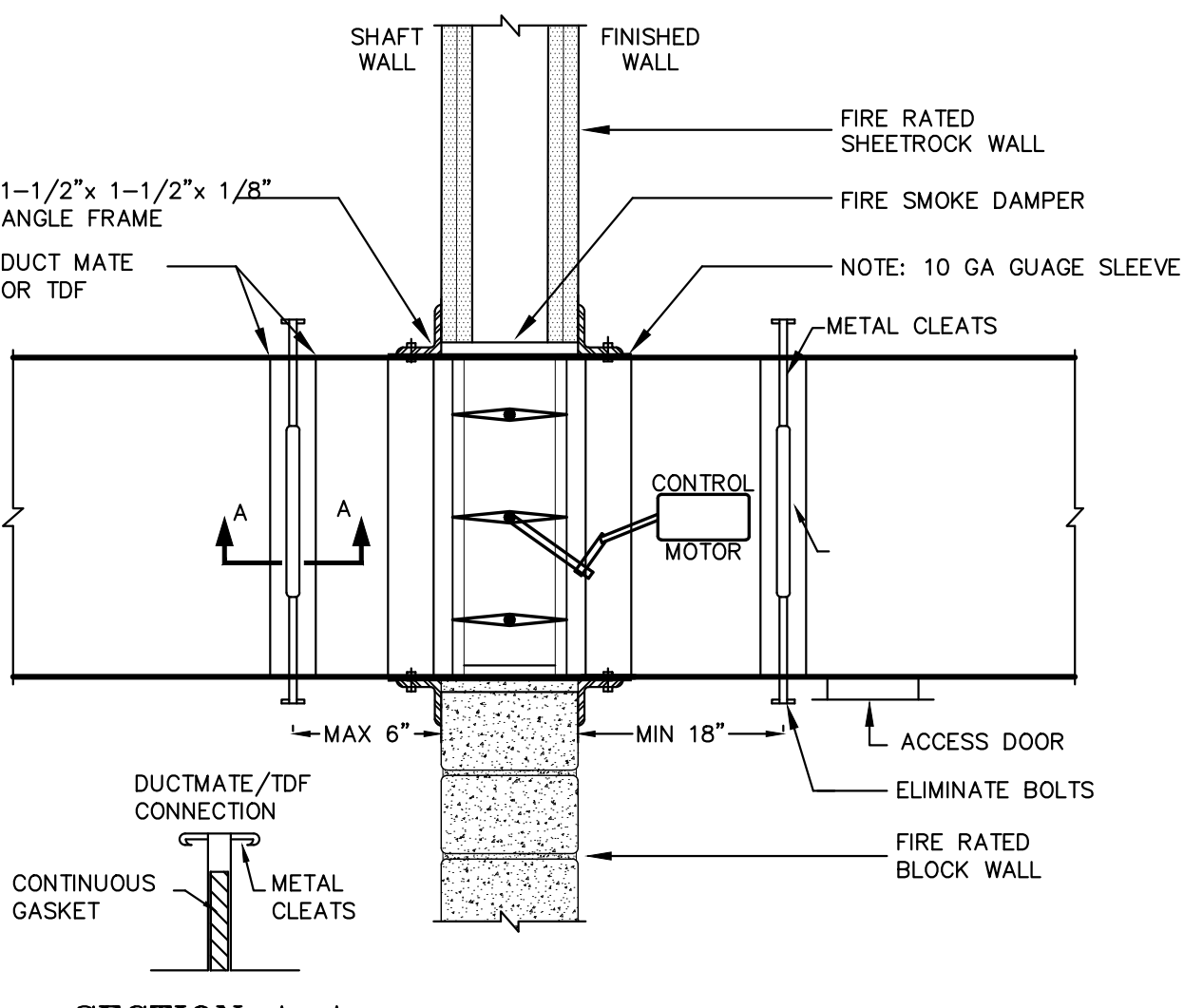
NO.	LESS THAN 1/4" MOVEMENT EXCEPT AS NOTED		MORE THAN 1/4" MOVEMENT EXCEPT AS NOTED	
	NON-INSUL.	INSUL.	NON-INSUL.	INSUL.
1	*	*	*	*
2	*	*	*	*
3	*	*	*	*
4	*	*	*	*
5	*	*	*	*
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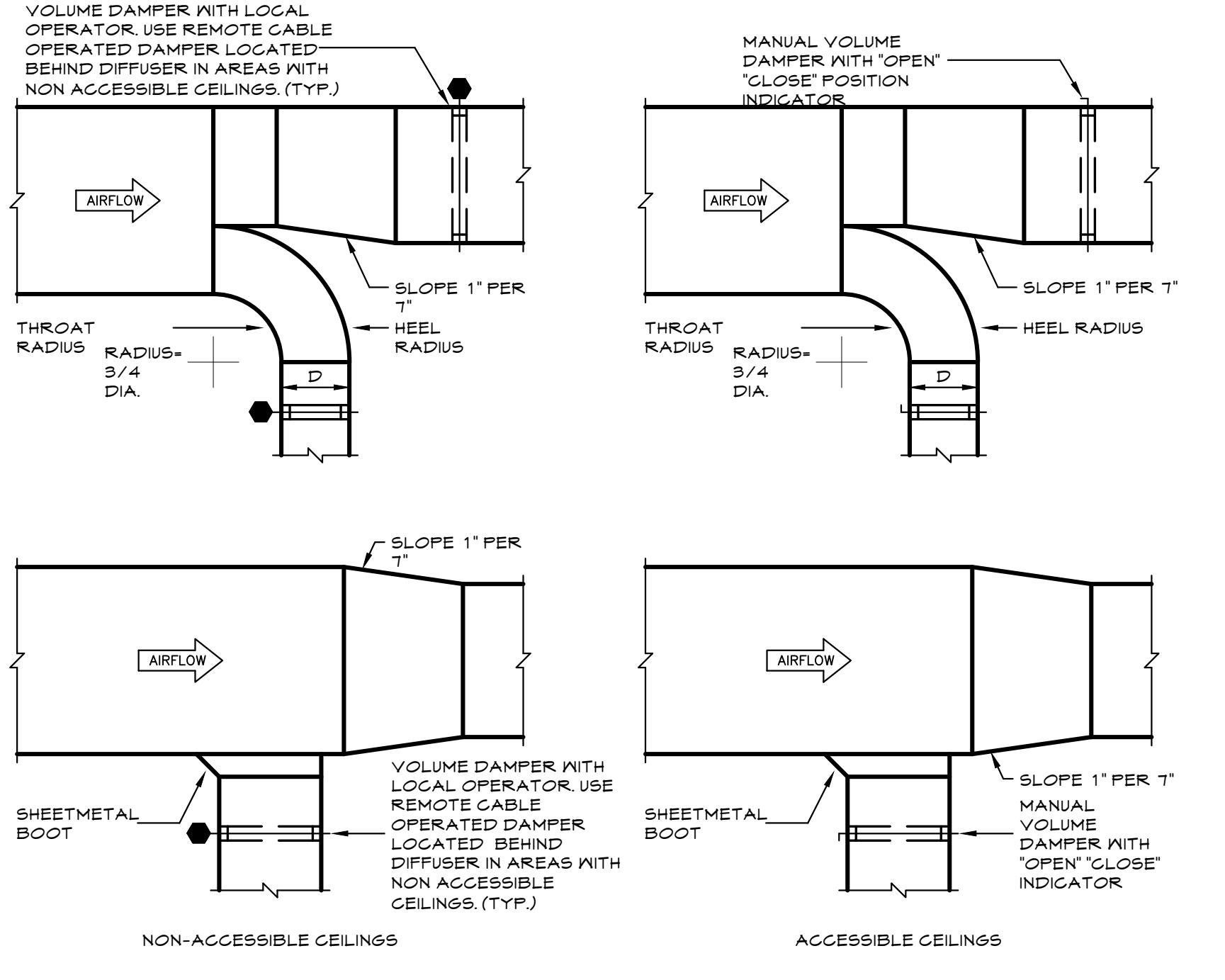
**3 RETURN AIR TRANSFER DUCT DETAIL**  
M.021 NOT TO SCALE



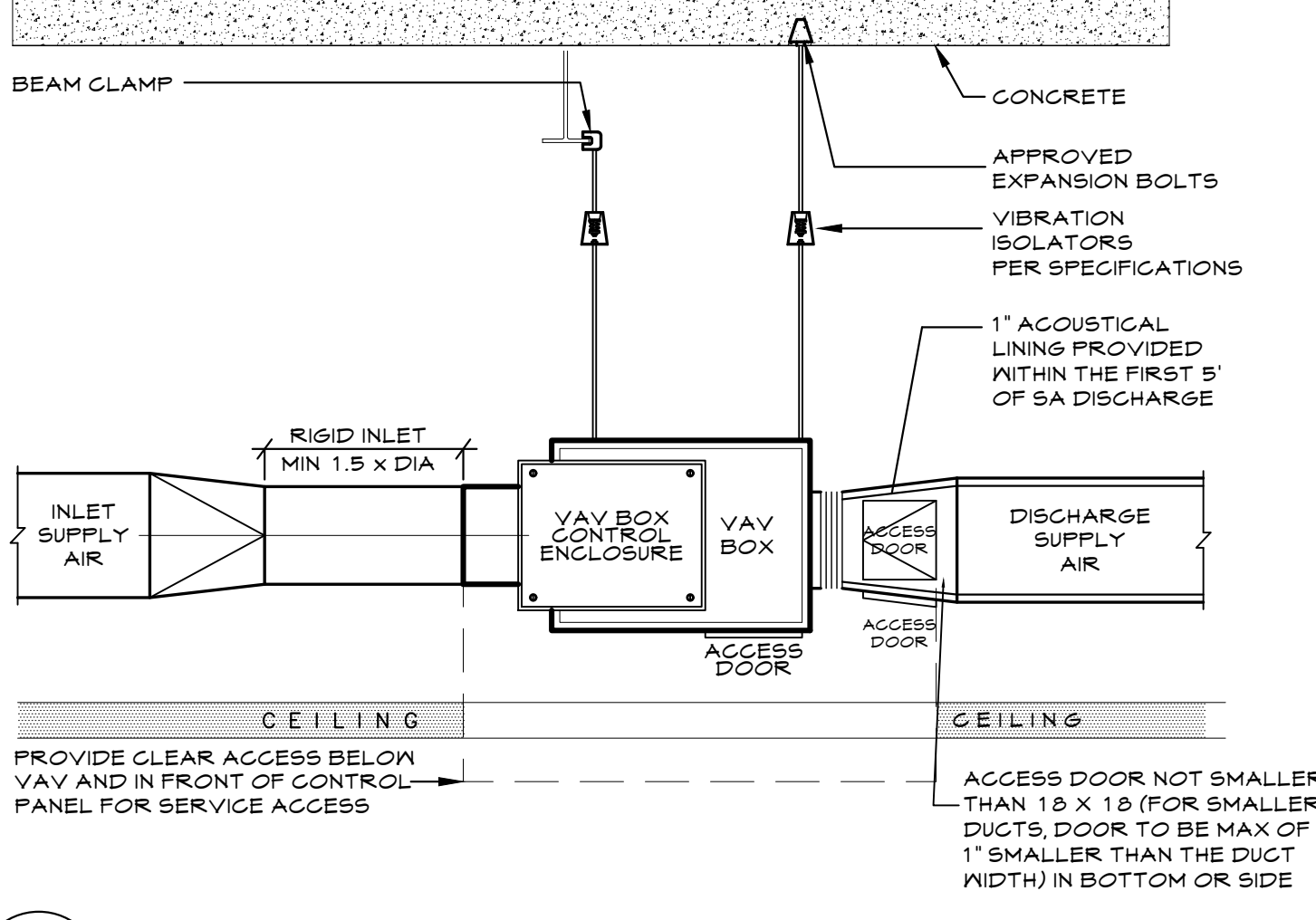
**2 PENETRATION OF FULL HEIGHT GWB PARTITION**  
M.020 NOT TO SCALE



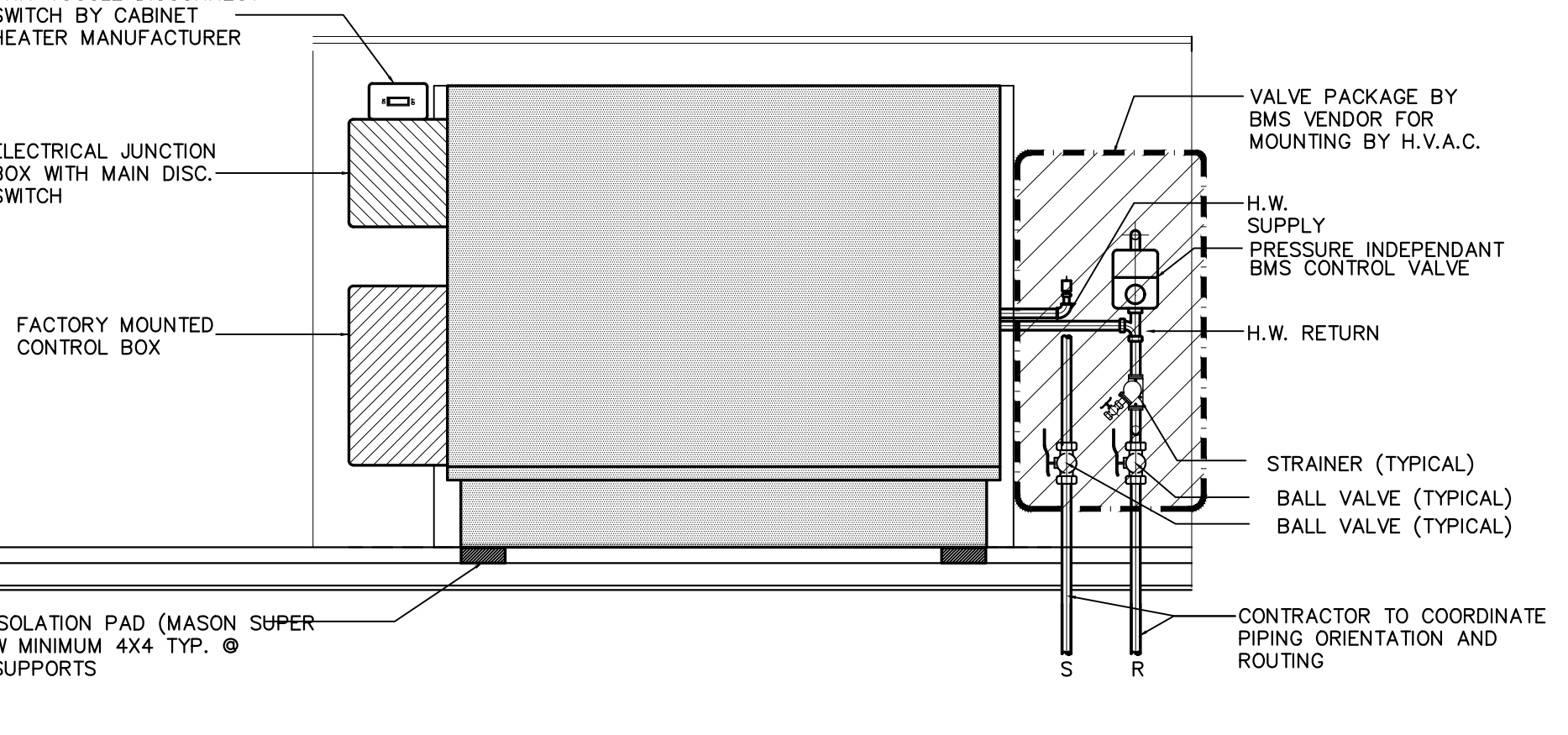
**6 BREAK-AWAY FIRE-SMOKE DAMPER**  
M.103.00 NOT TO SCALE  
1 & 1-1/2HR WALLS B.S. & A. CAL.#176-82-M  
2 & 3 HR WALLS MEA # 177-92-M



**9 TYPICAL DUCTWORK TAKE-OFF DETAILS**  
M.020 NOT TO SCALE

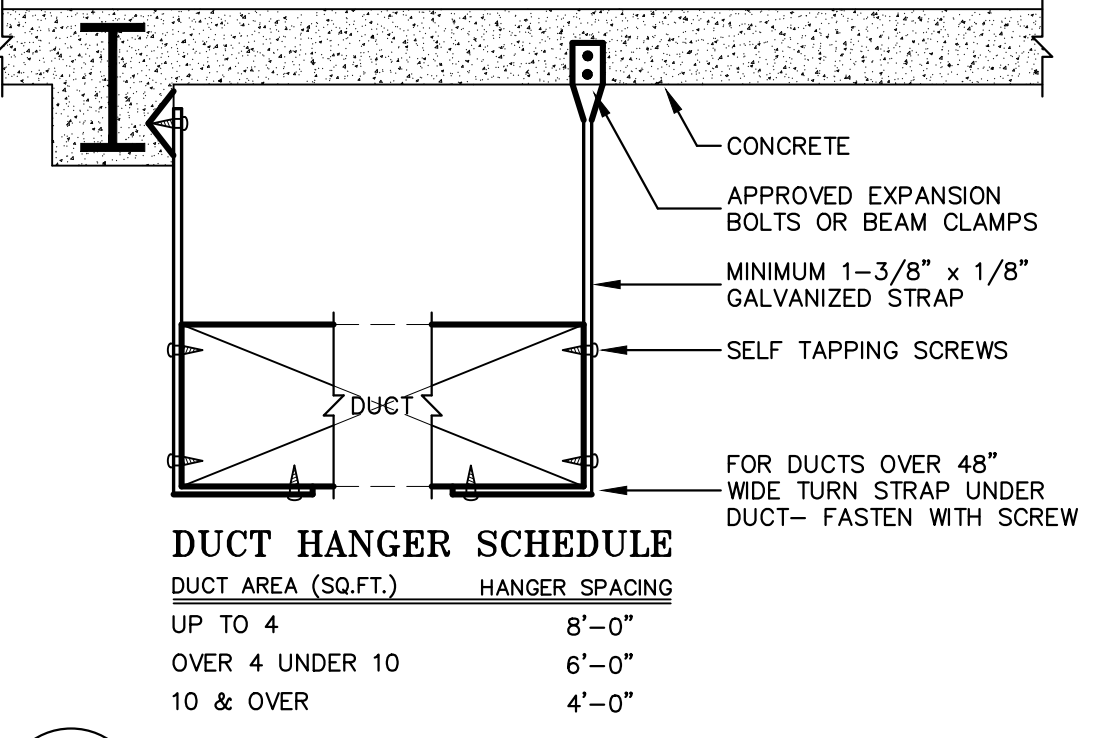


**4 VAV BOX HANGING AND CONNECTION DETAIL**  
M.020 NOT TO SCALE

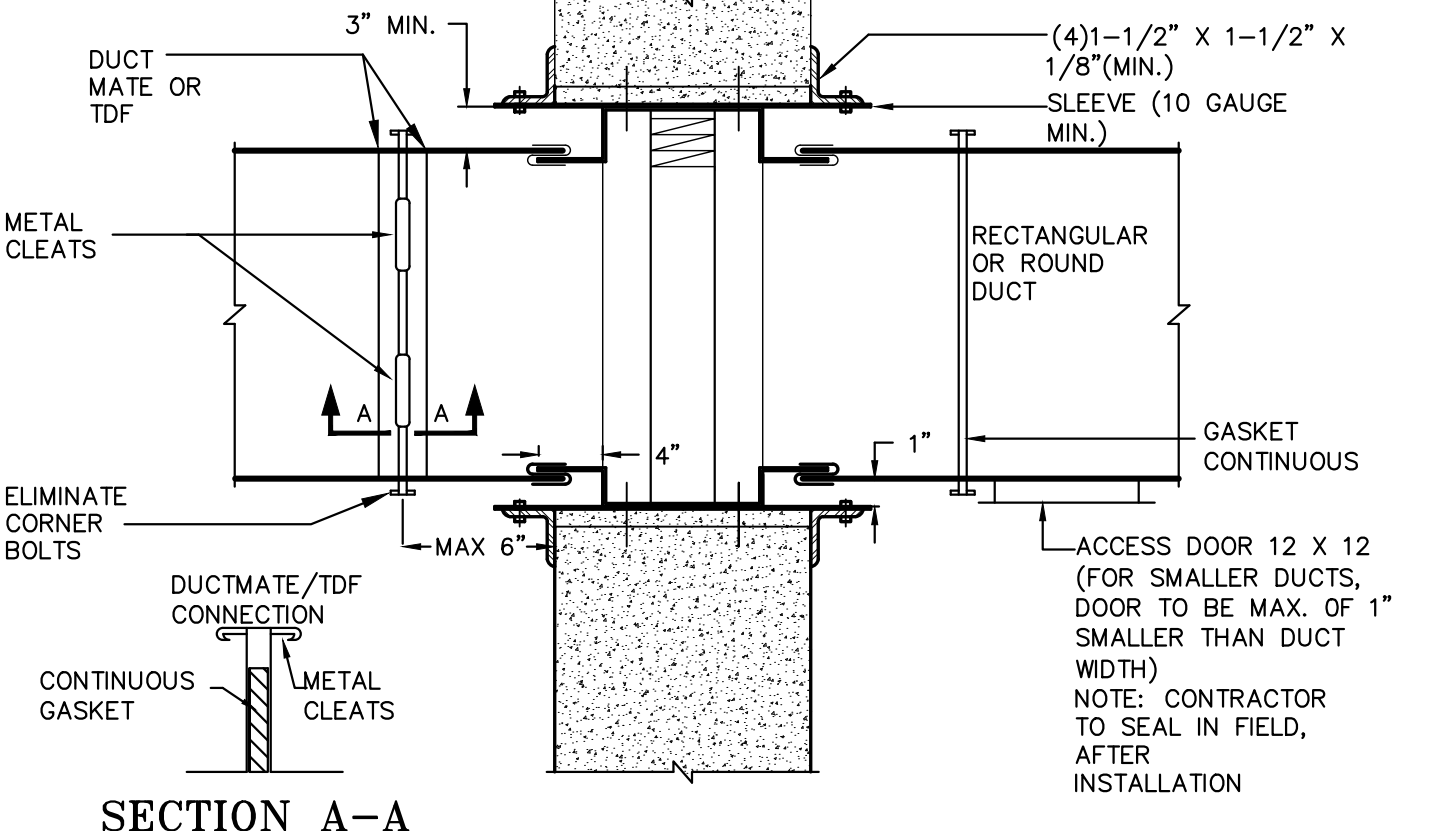


**7 CABINET HEATER HOT WATER PIPING DETAIL**  
M.020 NTS

**1 PIPE HANGER AND SUPPORT SCHEDULE**  
M.020 NOT TO SCALE



**5 METHOD OF DUCT SUPPORT**  
M.020 NOT TO SCALE



**8 FIRE DAMPER DETAIL**  
M.021 NOT TO SCALE

CONSULTANT SEAL

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WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

DIVISION OF ENGINEERING

LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II  
110 DR. MARTIN LUTHER KING, JR. BOULEVARD  
WHITE PLAINS, NEW YORK 10601

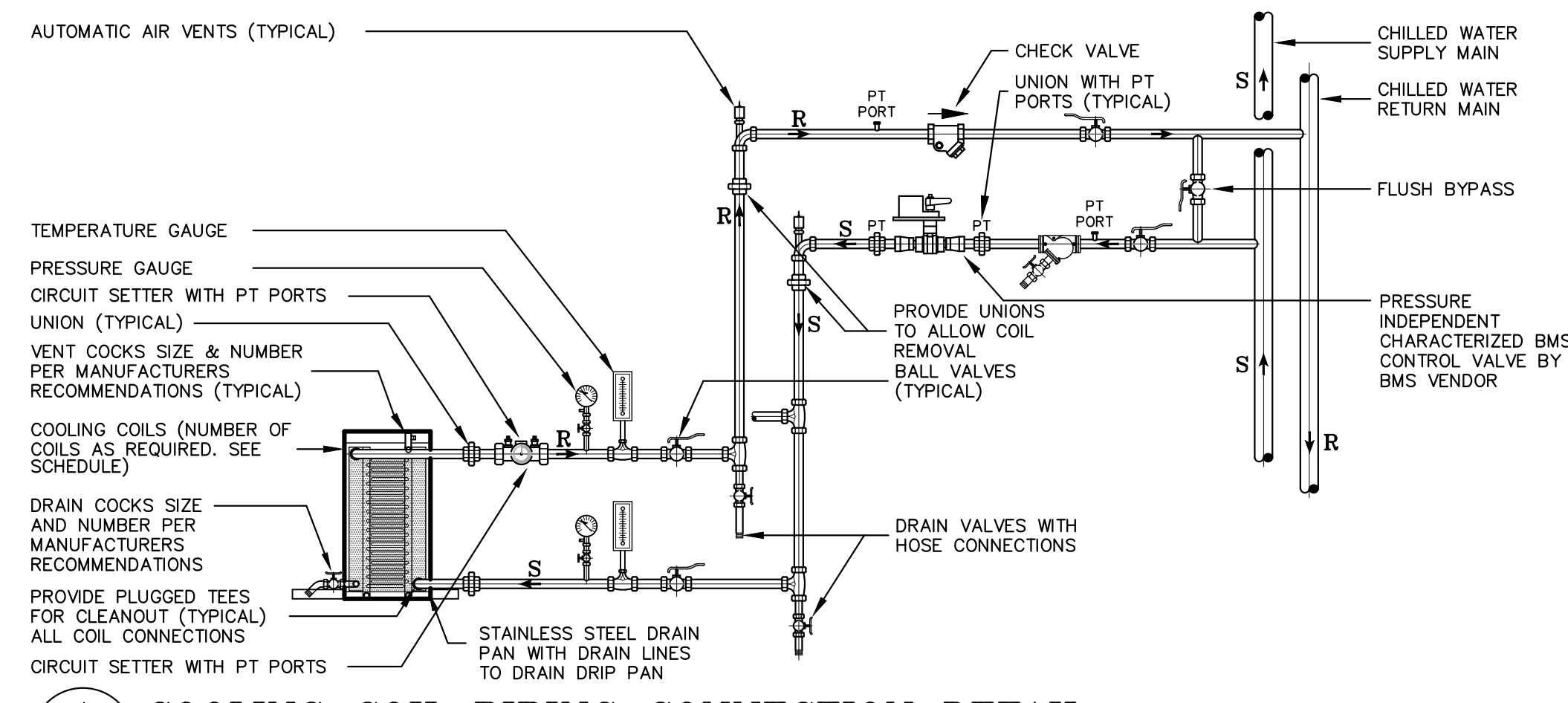
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SHEET NO.: 75 OF 133  
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DETAILS

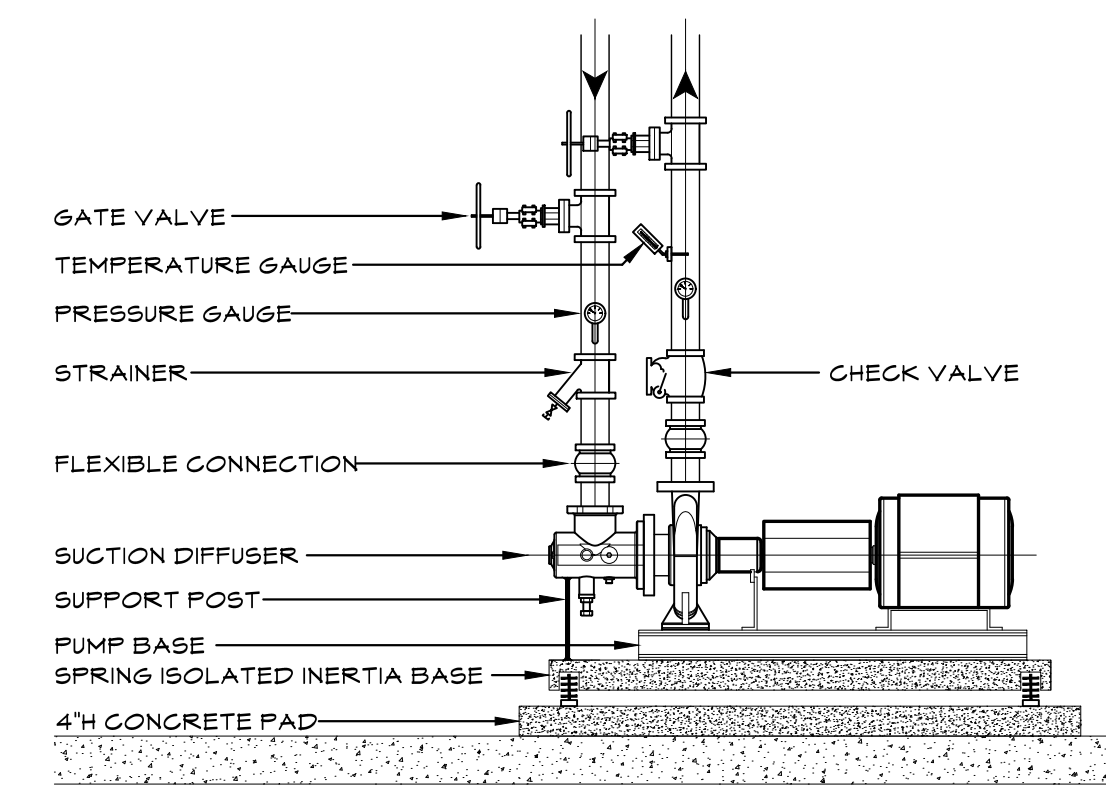
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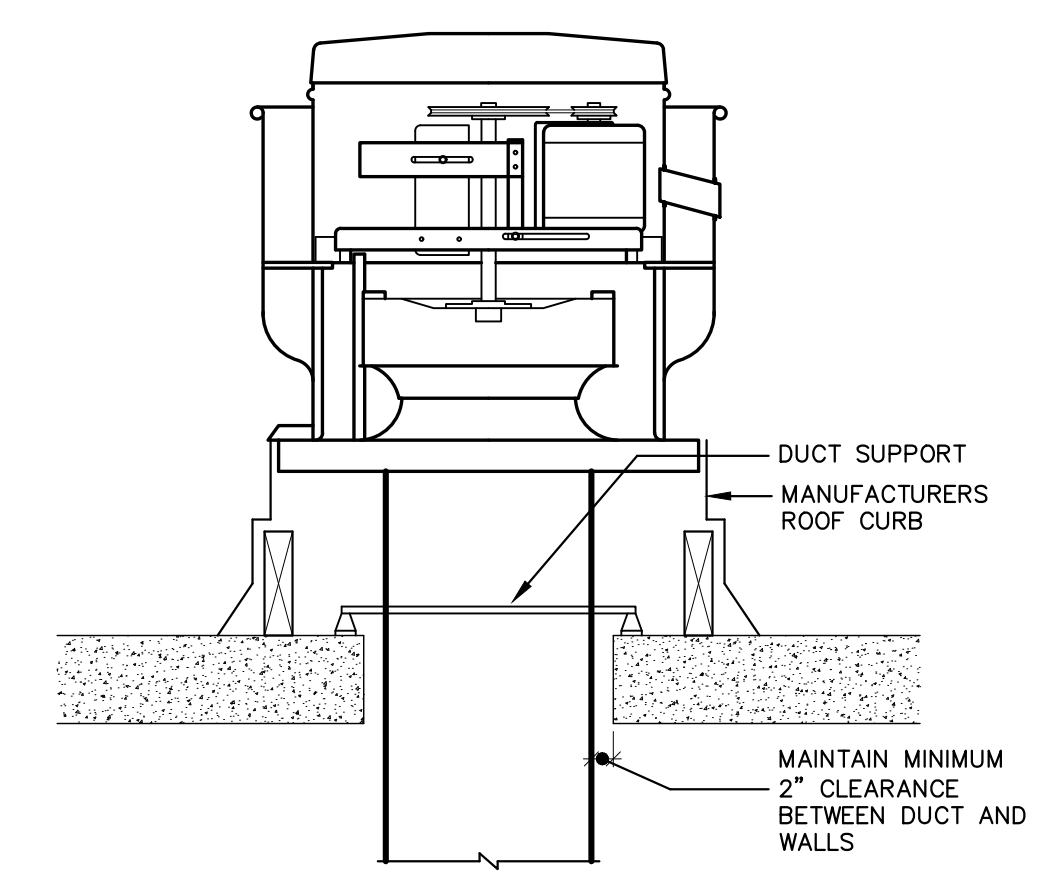
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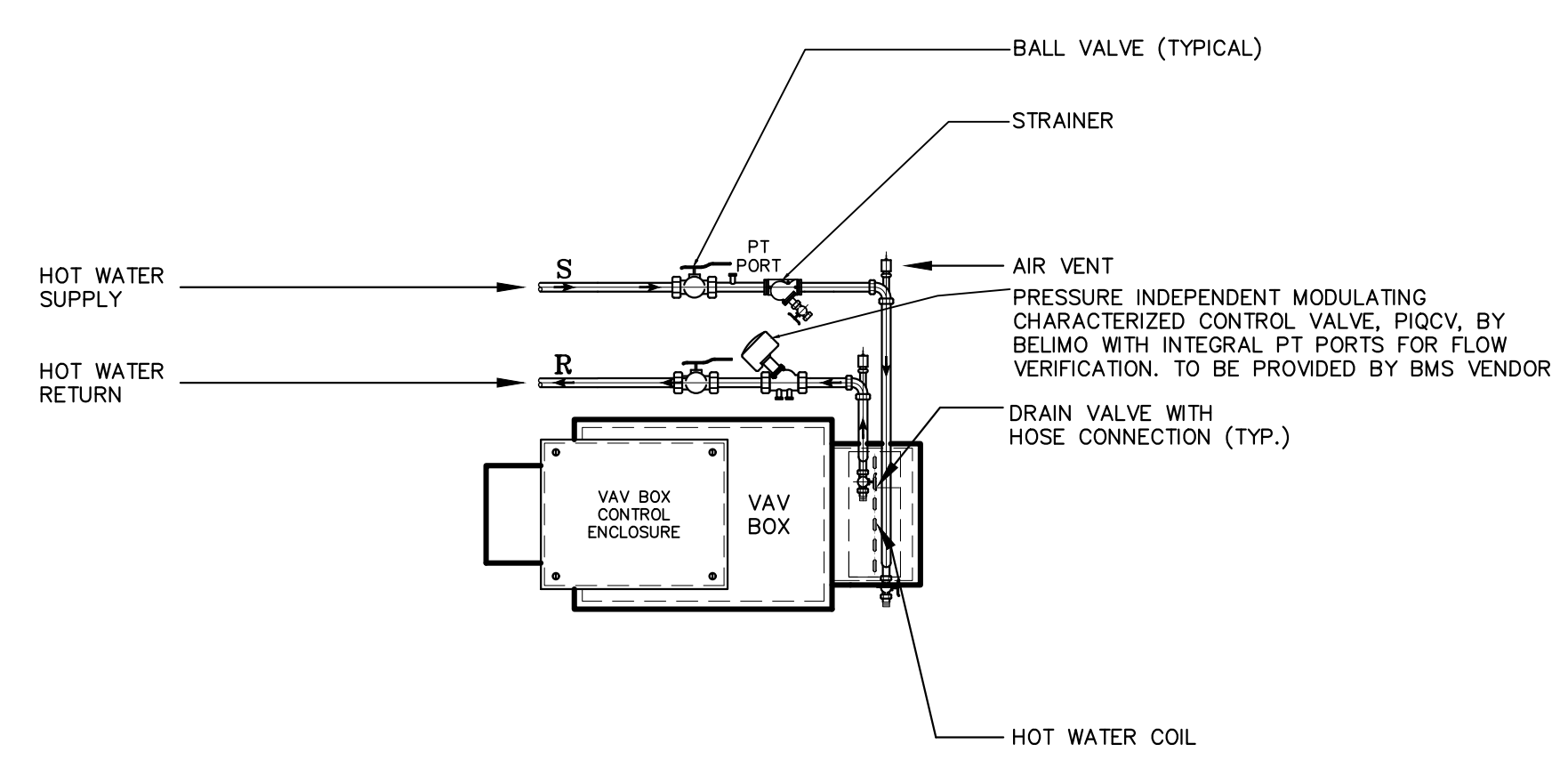
**1** COOLING COIL PIPING CONNECTION DETAIL  
M.021 NTS



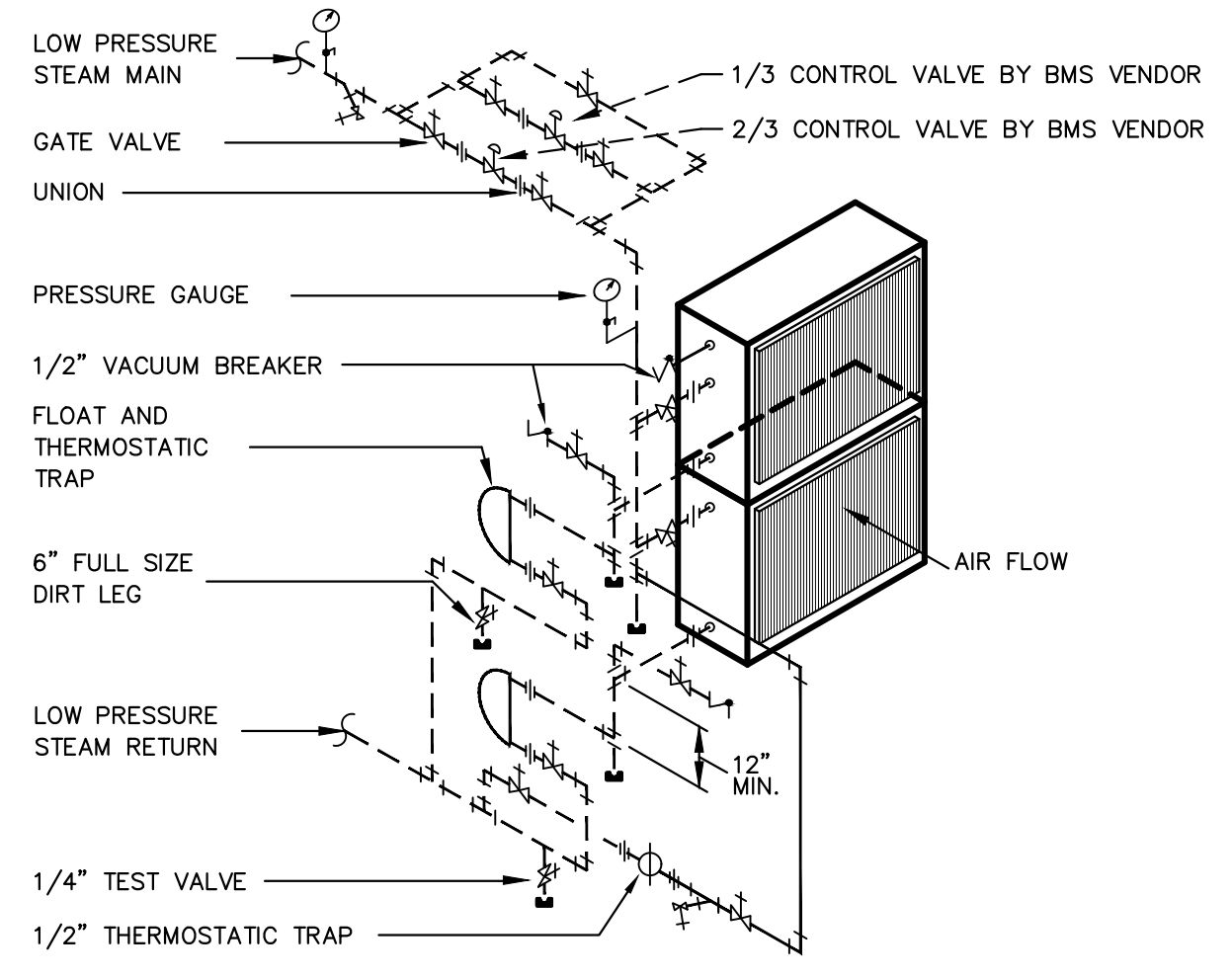
**3** END SUCTION PUMP WITH VFD  
M.021 NTS



**5** ROOF MOUNTED EXHAUST FAN ISOLATION DETAIL  
M.021 NOT TO SCALE

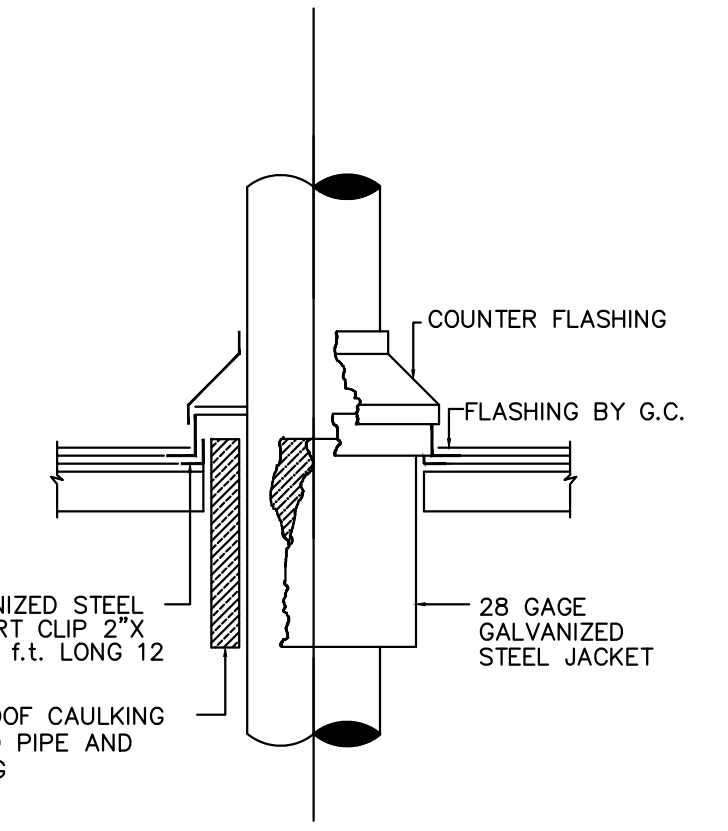


**2** VAV WITH HOT WATER RE-HEAT COIL PIPING DETAIL  
M.021 NOT TO SCALE

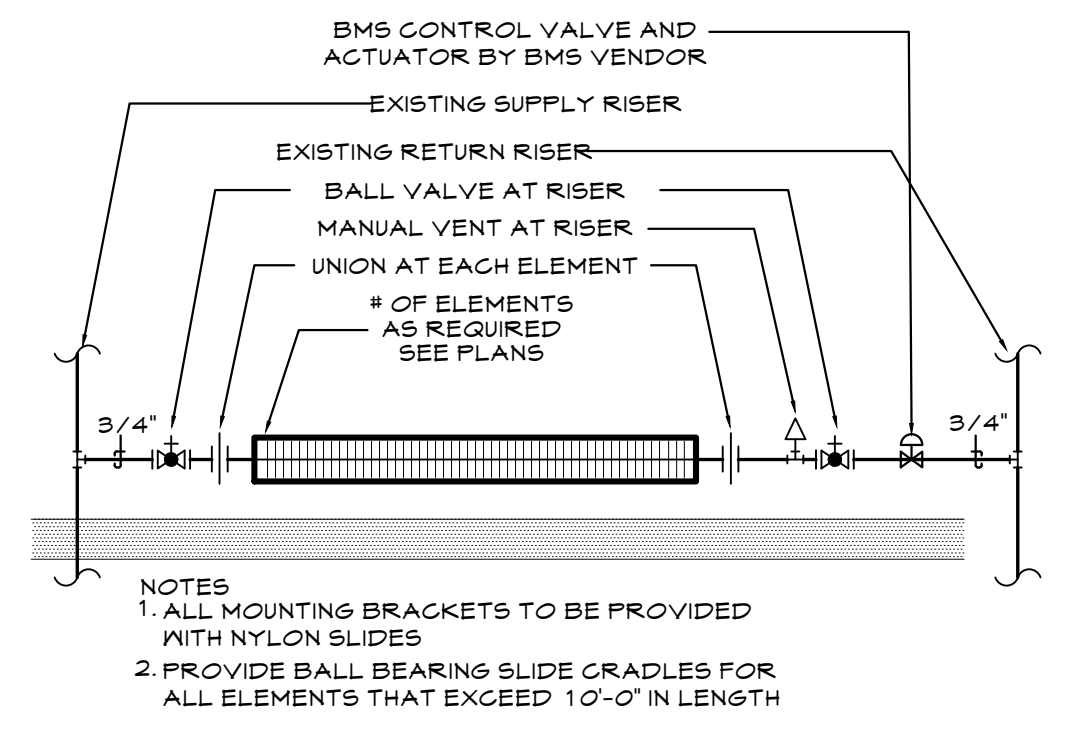


**4** STEAM HEATING COIL PIPING DETAIL  
M.021 N.T.S.

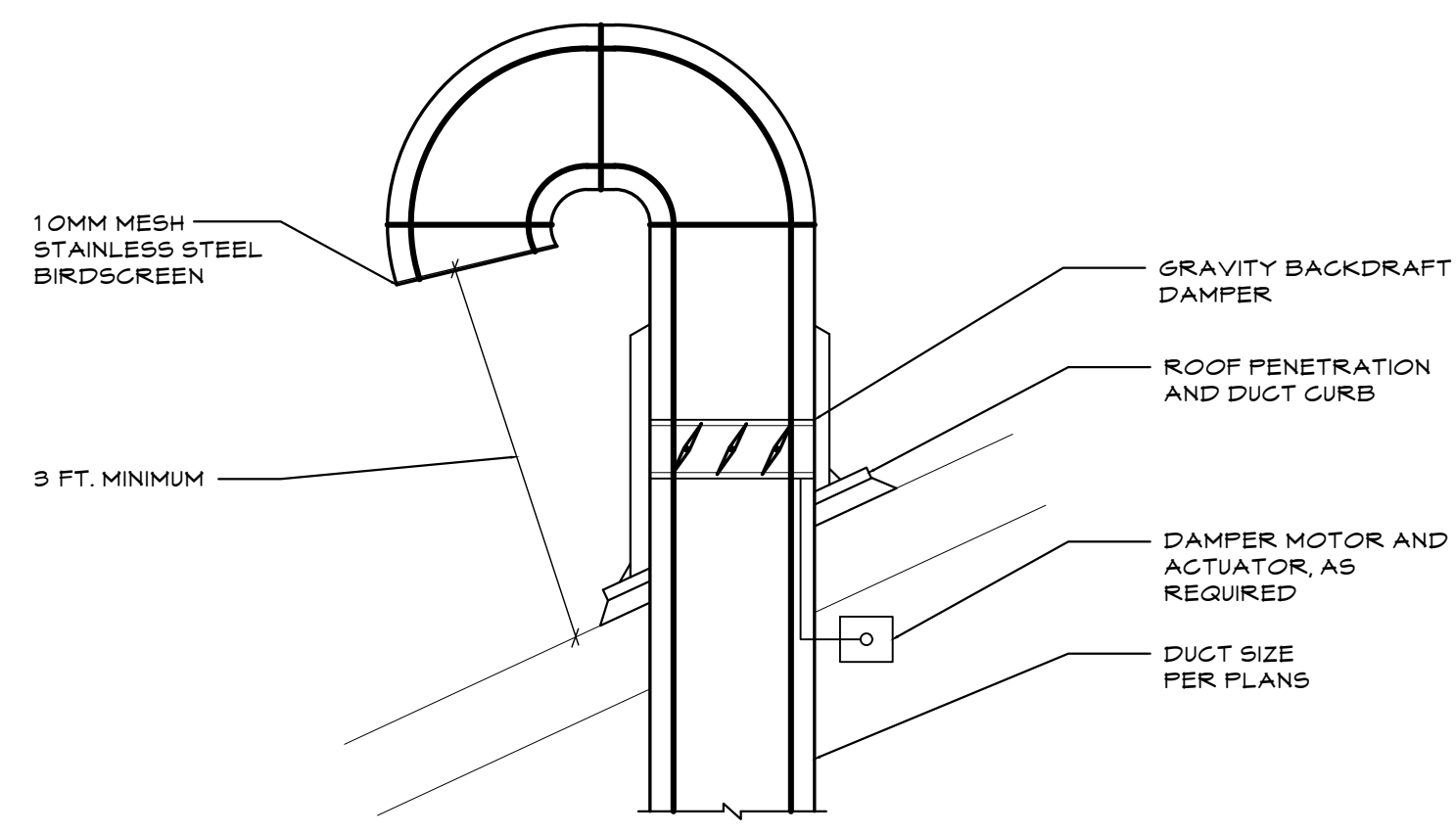
1. ARRANGE ALL PIPING TO ALLOW CLEAR UNOBSTRUCTED COIL REMOVAL.
2. BRANCH PIPING TO BE MINIMUM OF COIL CONNECTION SIZE.



**6** PIPE PENETRATION THROUGH ROOF  
M.021 N.T.S.



**7** TYPICAL RADIATION PIPING DETAIL  
M.021 NTS



**8** GOOSENECK ROOF PENETRATION DETAIL  
M.021 N.T.S.

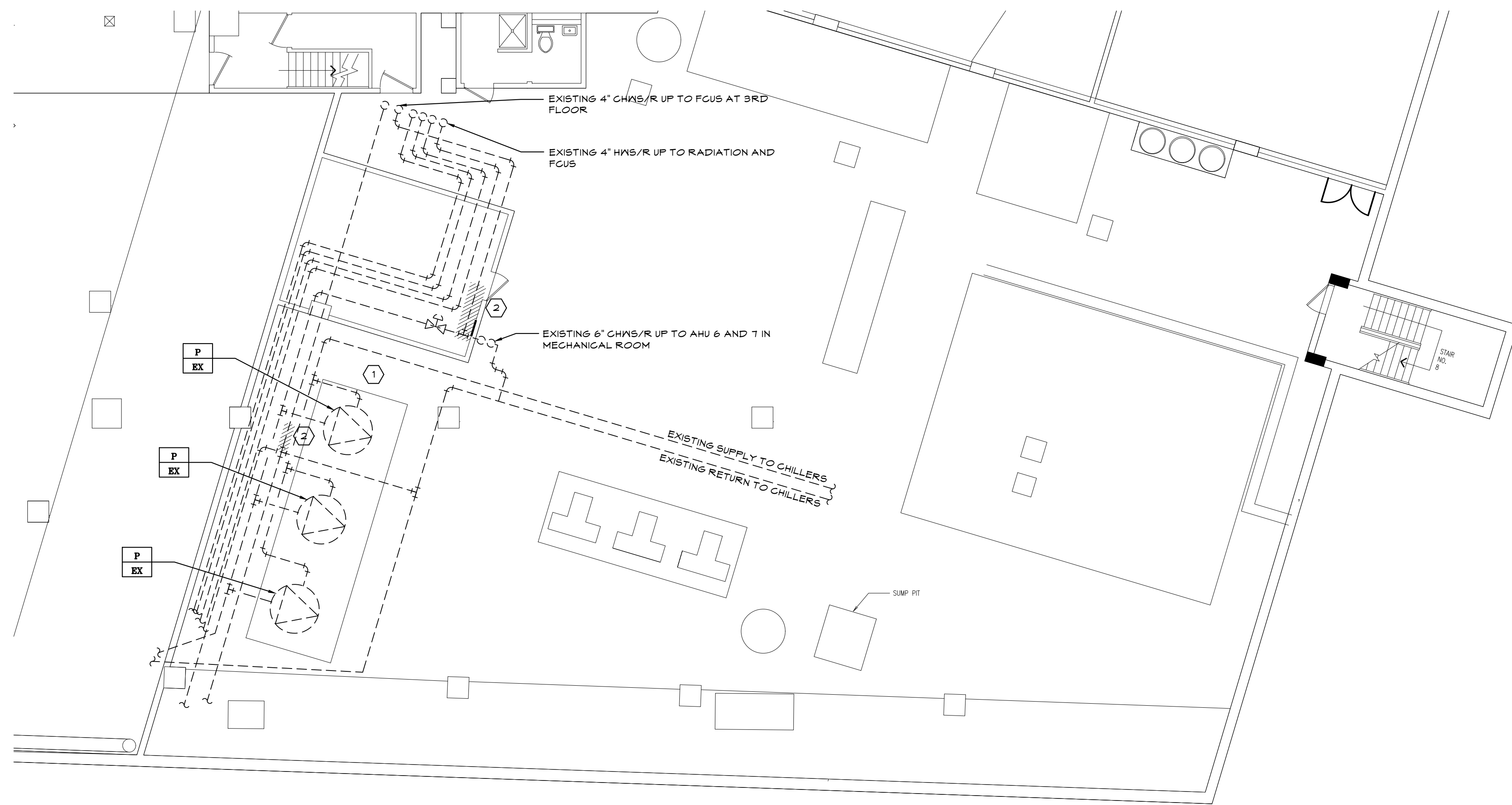
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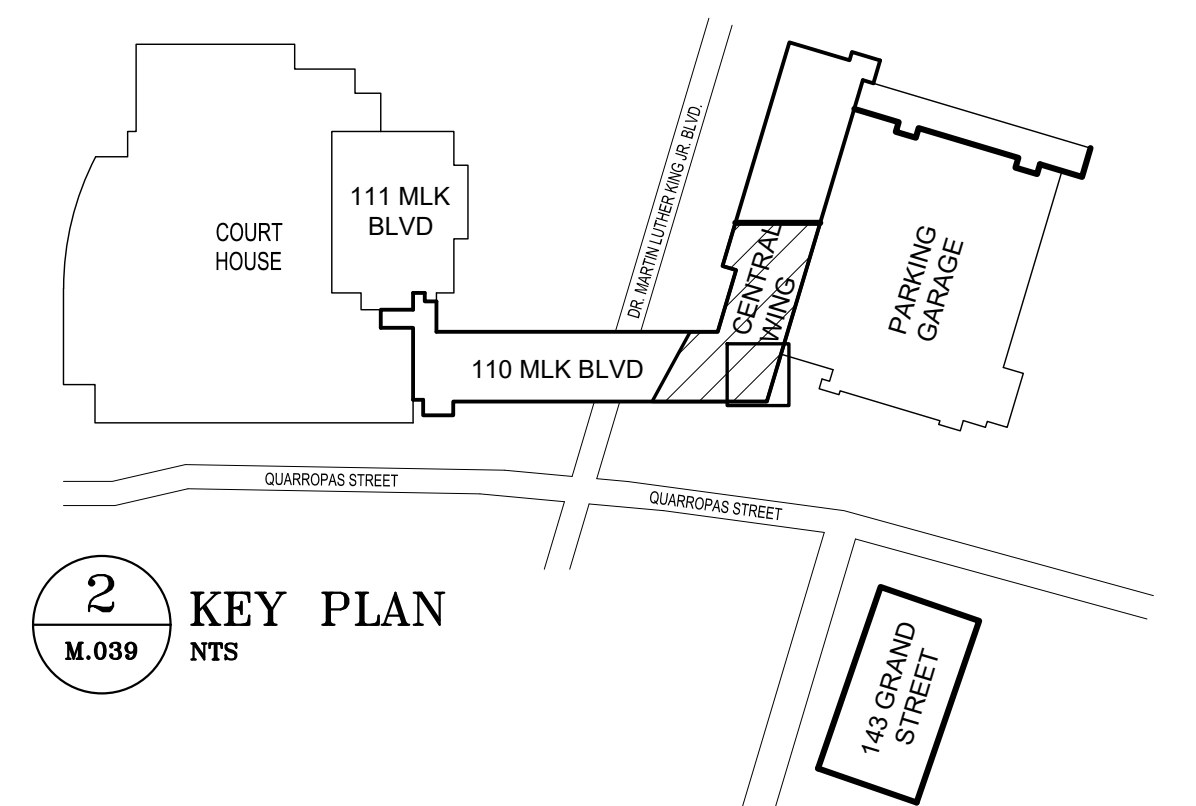
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DIVISION OF ENGINEERING		SCALE: AS NOTED	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		DATE: JAN 19, 2024	REV NO. 0
DETAILS		DPWF FILE NO. 52-11-M-1888	REV NO. 0

**KEY NOTES**

- ① EXISTING STARTERS FOR (3) EXISTING 150HP CHILLED WATER DISTRIBUTION PUMPS TO BE REMOVED AND REPLACED WITH NEW VFDS.
- ② CUT BACK AND CAP EXISTING CHILLED/HOT WATER SUPPLY BRANCHES TO RADIATION AND FCUS FROM MAINS AS SHOWN.



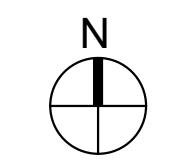
**1 MECHANICAL DEMOLITION PLAN - 2ND SUBGRADE CHILLER PLANT**  
 M.039 1/8"=1'-0"

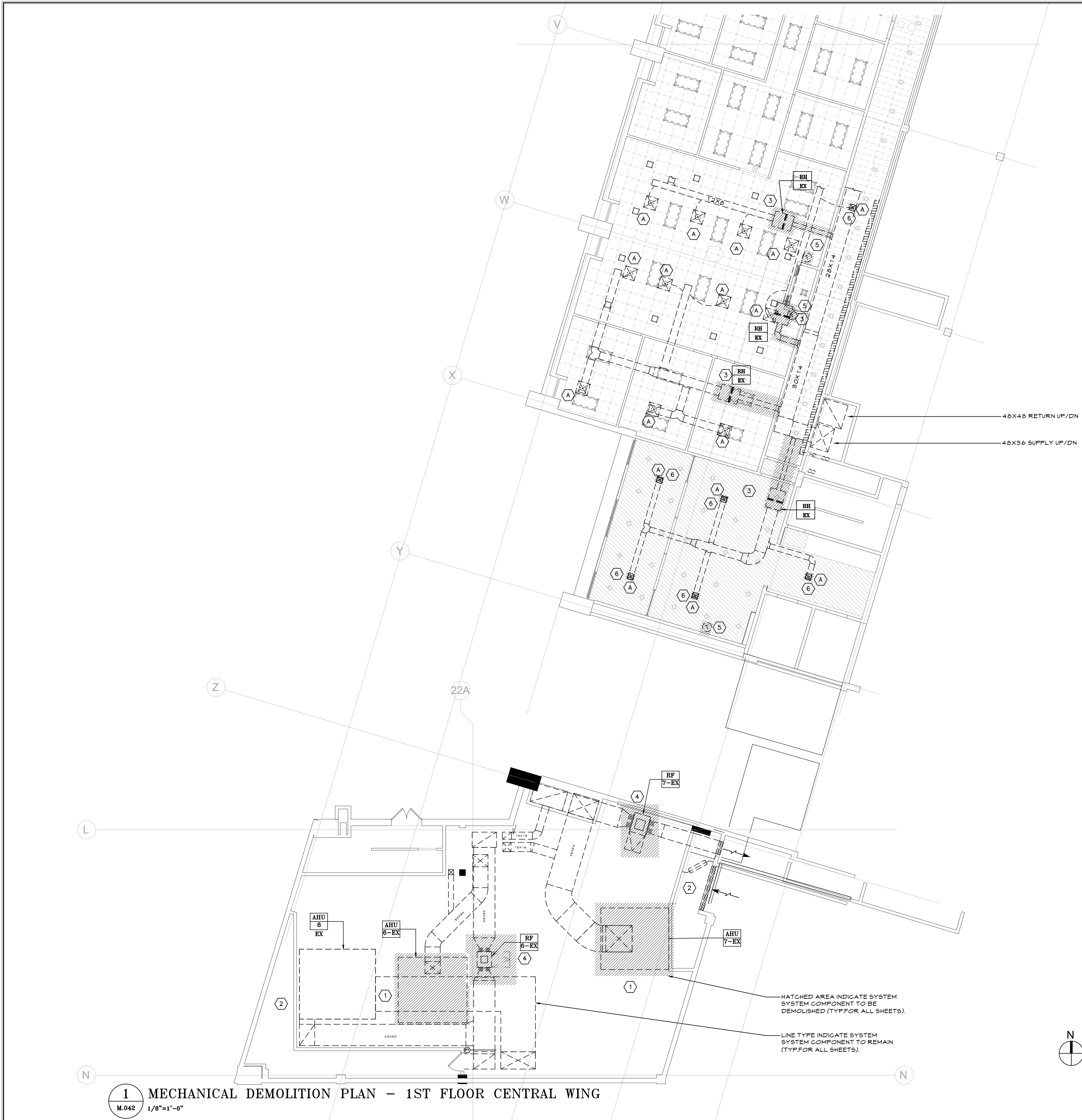


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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING								CONTRACT NUMBER 20-502 SHEET NO. 77 OF 133 <b>M-039</b>	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601								SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-11-M-1889	
CHILLER PLANT MECHANICAL DEMOLITION PLAN								REV NO. 0	

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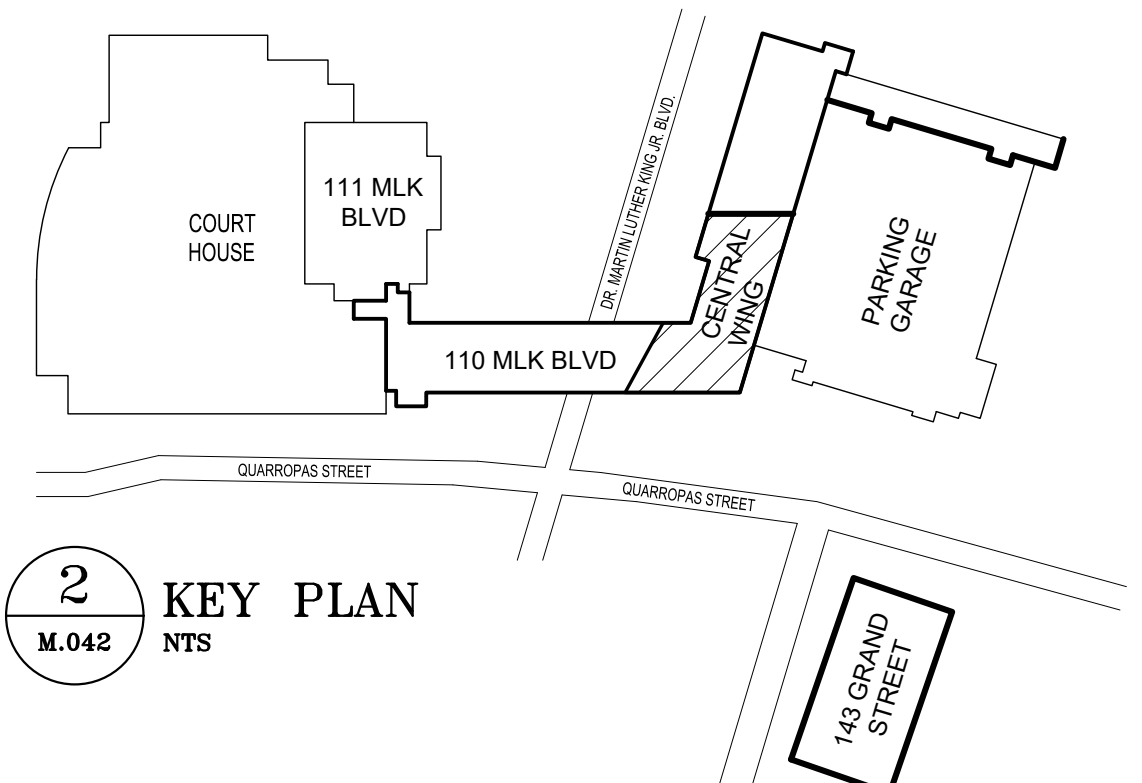




- KEY NOTES**
- 1 EXISTING AHU TO BE REMOVED AND REPLACED WITH NEW. GUT DUCTWORK, PIPING, AND WIRING AS REQUIRED.
  - 2 PROVIDE NEW ALD'S FOR ALL FRESH AIR DAMPERS SERVING AHU 6, 7, & 8. DAMPERS TO BE SIMILAR TO GREENHECK VGD SERIES. ALL ACTUATOR TO BE BY BELIMO AND TIED INTO THE NEW BMS.
  - 3 EXISTING CONSTANT VOLUME REHEAT COIL TO BE REMOVED AND REPLACED WITH NEW VAV BOX.
  - 4 EXISTING RETURN FAN TO BE REMOVED AND REPLACED WITH NEW.
  - 5 EXISTING THERMOSTAT TO BE REMOVED AND REPLACED WITH NEW. CUTBACK WIRING AND EXTEND AS REQUIRED DURING NEW WORK.
  - 6 EXISTING DIFFUSER TO BE REMOVED AND REPLACED WITH NEW.

- PRE DEMO READINGS**
- A RECORD DIFFUSER CFM AT THIS LOCATION.
  - PT RECORD AIR FLOW AND STATIC PRESSURE AT THIS LOCATION.

- GENERAL NOTE**
1. PROVIDE TEMPORARY COOLING AND HEATING AS REQUIRED TO CONDITION SPACES INTENDED TO BE OCCUPIED PRIOR TO COMPLETION OF SYSTEM TIE INS.
  2. ANY INSULATION DAMAGES BY NEW WORK SHALL BE REPLACED.



**1 MECHANICAL DEMOLITION PLAN - 1ST FLOOR CENTRAL WING**  
 M.042 1/8"=1'-0"

HATCHED AREA INDICATE SYSTEM COMPONENT TO BE DEMOLISHED (TYP FOR ALL SHEETS).  
 LINE TYPE INDICATE SYSTEM COMPONENT TO REMAIN (TYP FOR ALL SHEETS).

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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601				CONTRACT NUMBER 20-502 <b>M-042</b> SHEET NO. 78 OF 133
<b>1ST FLOOR CENTRAL WING MECHANICAL DEMOLITION PLAN</b>				SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-11-M-1890 REV NO. 0



**KEY NOTES**

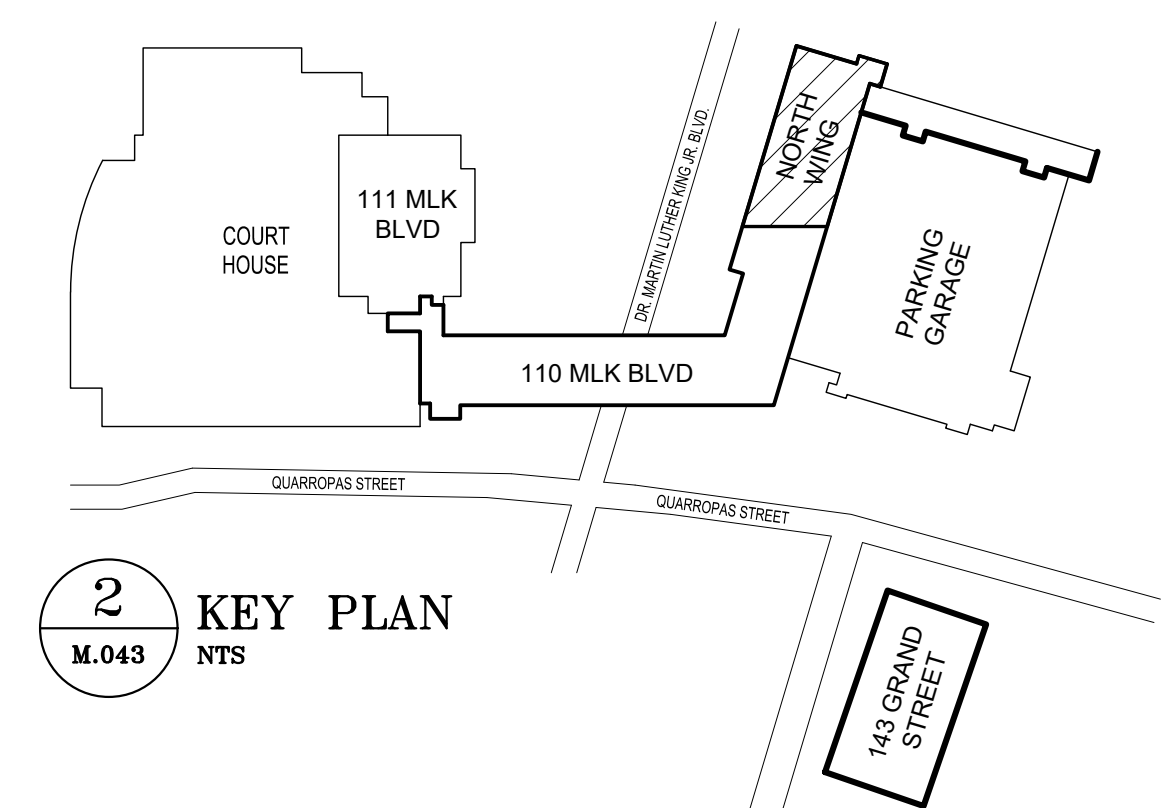
- ① EXISTING CONSTANT VOLUME REHEAT COIL TO BE REMOVED AND REPLACED WITH NEW VAV BOX.
- ② EXISTING SUPPLEMENTAL AC UNIT TO BE REMOVED. REMOVE ALL ASSOCIATED CONTROLS, PIPING AND WIRING. CUT ELECTRICAL LINES BACK TO SOURCE AND SEAL PENETRATIONS IN WALL PANELS AND MASONRY WALL.
- ③ EXISTING TOILET EXHAUST FAN TO BE REMOVED AND REPLACED WITH NEW.
- ④ EXISTING THERMOSTAT TO BE REMOVED AND REPLACED WITH NEW. CUTBACK WIRING AND EXTEND AS REQUIRED DURING NEW WORK.
- ⑤ EXISTING THERMOSTAT SERVING SUPPLEMENTAL AC TO BE REMOVED.

**PRE DEMO READINGS**

- Ⓐ RECORD DIFFUSER CFM AT THIS LOCATION.

**GENERAL NOTE**

- 1. PROVIDE TEMPORARY COOLING AND HEATING AS REQUIRED TO CONDITION SPACES INTENDED TO BE OCCUPIED PRIOR TO COMPLETION OF SYSTEM TIE INS.
- 2. ANY INSULATION DAMAGES BY NEW WORK SHALL BE REPLACED.

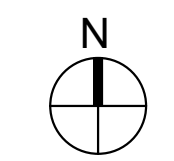


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<p>WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING</p>									
<p>LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601</p>									
<p>1ST FLOOR CENTRAL WING MECHANICAL DEMOLITION PLAN</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">CONTRACT NUMBER 20-502</td> <td style="font-size: small;">SHEET NUMBER <b>M-043</b></td> </tr> <tr> <td style="font-size: small;">SHEET NO. 79 OF 133</td> <td style="font-size: small;">SCALE: AS NOTED</td> </tr> <tr> <td style="font-size: small;">DATE: JAN 19, 2024</td> <td style="font-size: small;">REV NO. 0</td> </tr> <tr> <td style="font-size: small;">DPW FILE NO. 52-11-M-1891</td> <td></td> </tr> </table>	CONTRACT NUMBER 20-502	SHEET NUMBER <b>M-043</b>	SHEET NO. 79 OF 133	SCALE: AS NOTED	DATE: JAN 19, 2024	REV NO. 0	DPW FILE NO. 52-11-M-1891	
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SHEET NO. 79 OF 133	SCALE: AS NOTED								
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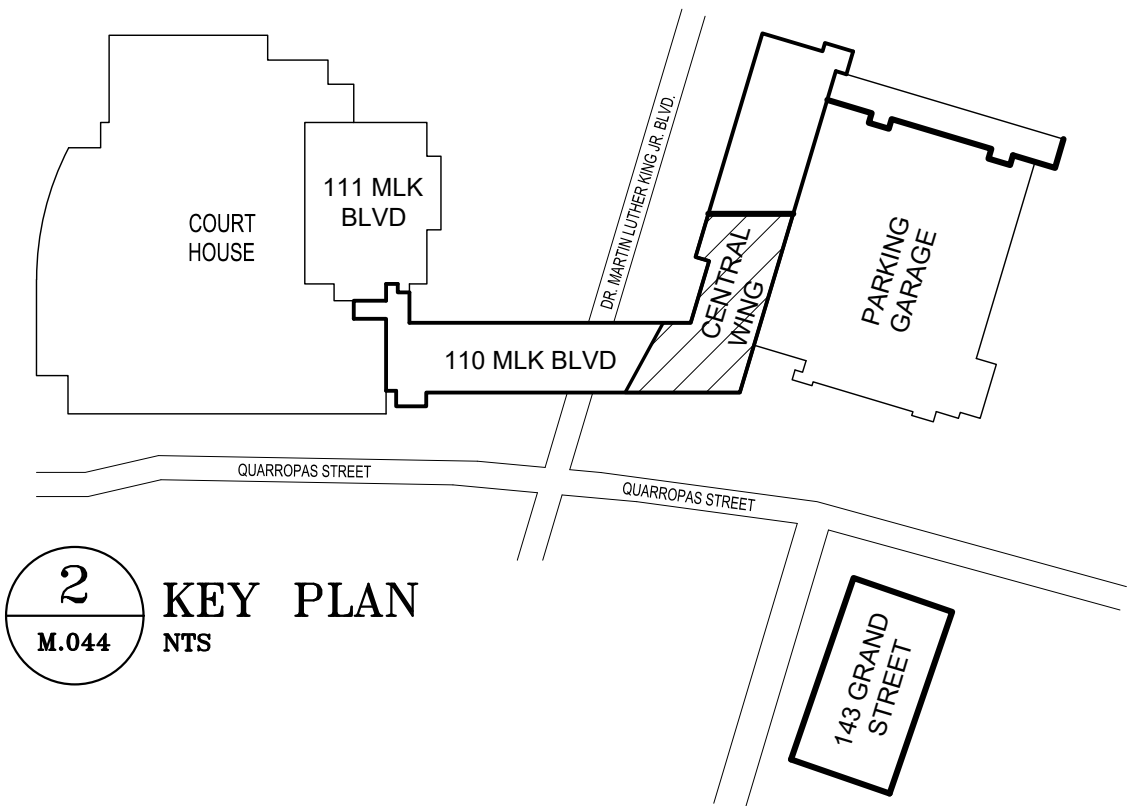
**1** MECHANICAL DEMOLITION PLAN - 1ST FLOOR NORTH WING  
M.043 1/8"=1'-0"



- KEY NOTES**
- ① EXISTING CONSTANT VOLUME REHEAT COIL TO BE REMOVED AND REPLACED WITH NEW VAV BOX.
  - ② EXISTING CABINET HEATER TO BE REMOVED AND REPLACED WITH NEW.
  - ③ EXISTING THERMOSTAT TO BE REMOVED AND REPLACED WITH NEW. CUTBACK WIRING AND EXTEND AS REQUIRED DURING NEW WORK.
  - ④ EXISTING TOILET EXHAUST FAN TO BE REMOVED AND REPLACED WITH NEW.

- PRE DEMO READINGS**
- Ⓐ RECORD DIFFUSER CFM AT THIS LOCATION.

- GENERAL NOTE**
1. PROVIDE TEMPORARY COOLING AND HEATING AS REQUIRED TO CONDITION SPACES INTENDED TO BE OCCUPIED PRIOR TO COMPLETION OF SYSTEM TIE-INS.
  2. ANY INSULATION DAMAGES BY NEW WORK SHALL BE REPLACED.



**1** MECHANICAL DEMOLITION PLAN - 2ND FLOOR CENTRAL WING  
 M.044 1/8"=1'-0"

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LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	DATE: JAN 19, 2024																							
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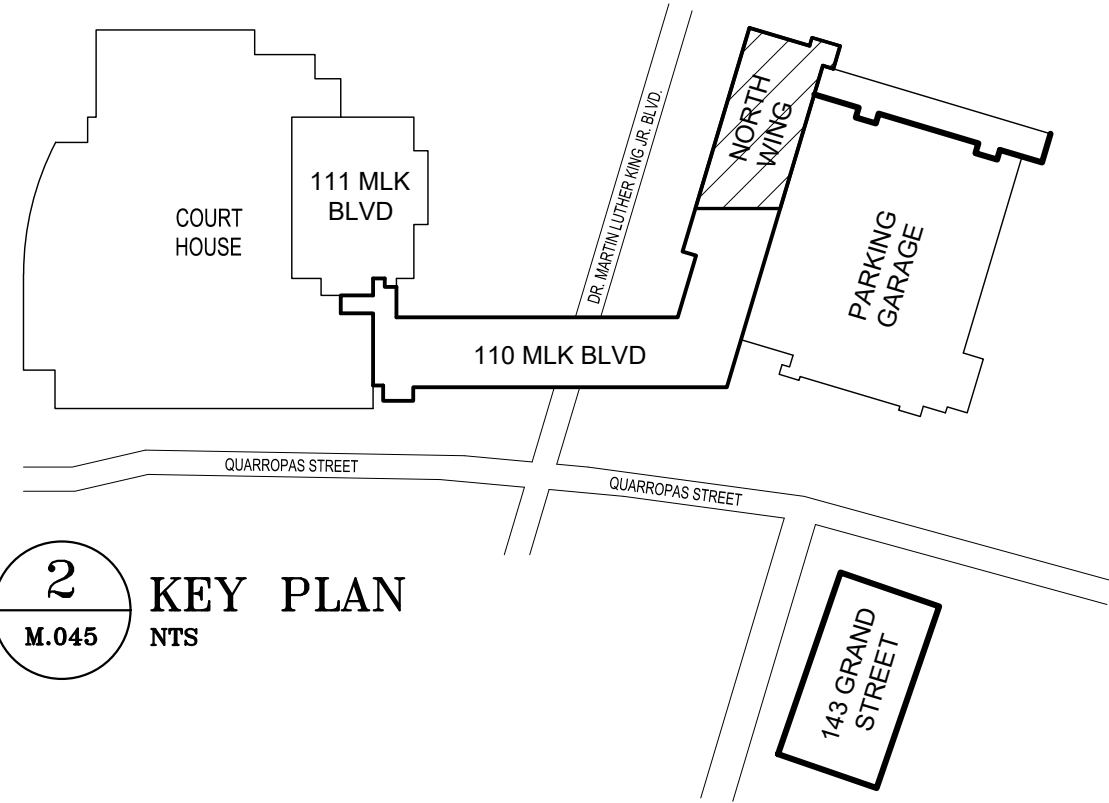




- ### KEY NOTES
- 1 EXISTING CONSTANT VOLUME REHEAT COIL TO BE REMOVED AND REPLACED WITH NEW VAV BOX.
  - 2 EXISTING THERMOSTAT TO BE REMOVED AND REPLACED WITH NEW CUTBACK WIRING AND EXTEND AS REQUIRED DURING NEW WORK.
  - 3 EXISTING EXHAUST FAN TO BE REMOVED AND REPLACED WITH NEW.
  - 4 ALL EXISTING DUCTWORK IN THIS ROOM TO BE REMOVED.

- ### PRE DEMO READINGS
- A RECORD DIFFUSER CFM AT THIS LOCATION.
  - PT RECORD AIR FLOW AND STATIC PRESSURE AT THIS LOCATION.

- ### GENERAL NOTE
1. PROVIDE TEMPORARY COOLING AND HEATING AS REQUIRED TO CONDITION SPACES INTENDED TO BE OCCUPIED PRIOR TO COMPLETION OF SYSTEM TIE INS.
  2. ANY INSULATION DAMAGES BY NEW WORK SHALL BE REPLACED.



**1 MECHANICAL DEMOLITION PLAN – 2ND FLOOR NORTH WING**  
M.045 1/8"=1'-0"

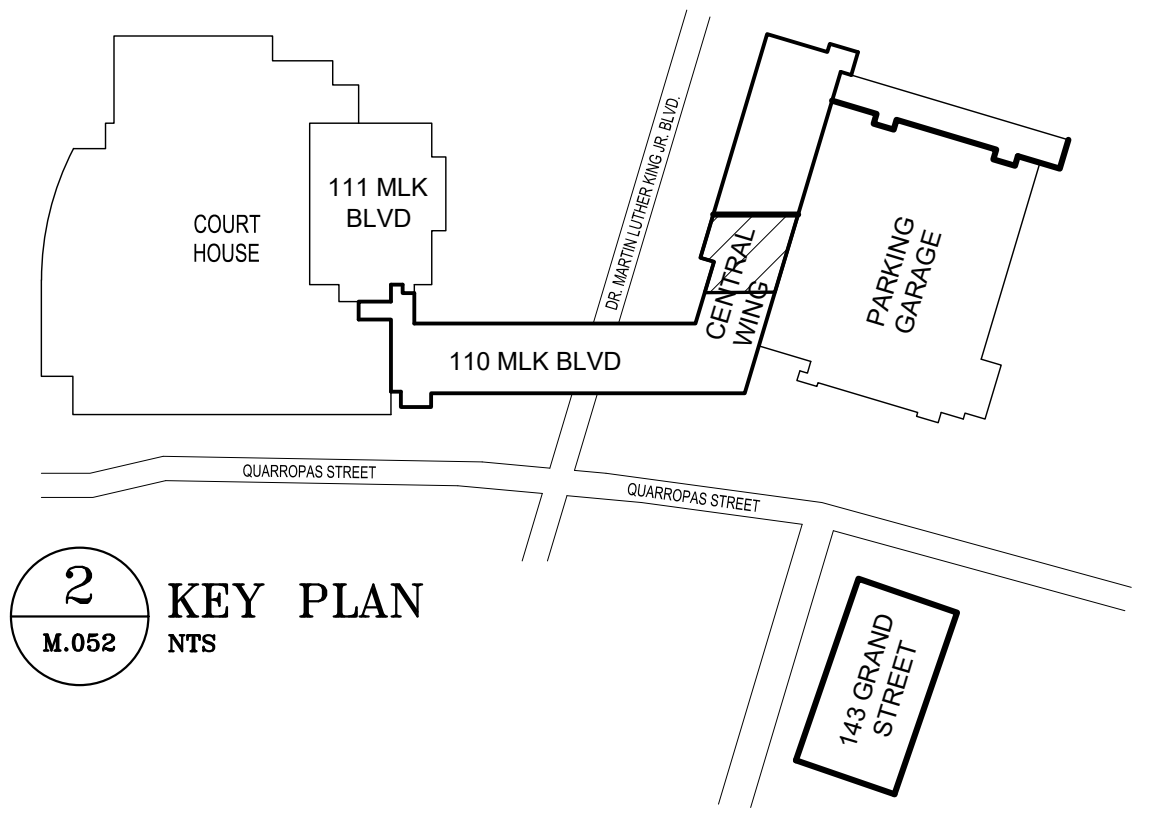
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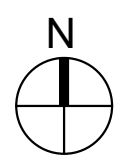
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LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601								SCALE: AS NOTED	
2ND FLOOR NORTH WING MECHANICAL DEMOLITION PLAN								DATE: JAN 19, 2024	
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KEY NOTES	
1	EXISTING CONSTANT VOLUME REHEAT COIL TO BE REMOVED AND REPLACED WITH NEW VAV BOX CUT BACK AND EXTEND PIPING AS REQUIRED TO ACCOMMODATE NEW UNIT.
2	EXISTING PNEUMATIC CONTROL VALVE SERVING CORRIDOR RADIATION TO BE REMOVED AND REPLACED WITH BMS CONTROL VALVE.



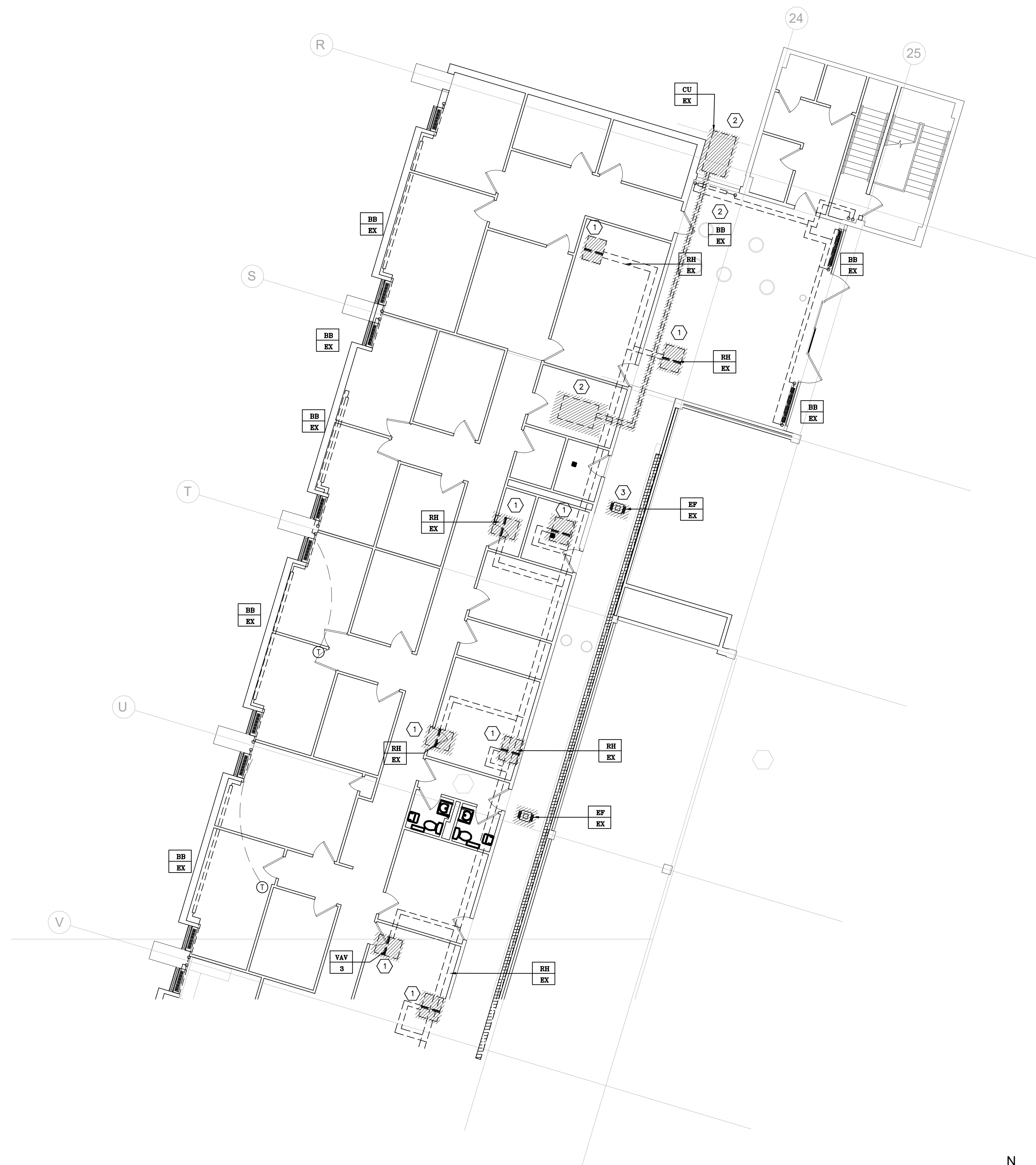
**1** MECHANICAL PIPING DEMOLITION PLAN - 1ST FLOOR CENTRAL WING  
M.052 1/8"=1'-0"



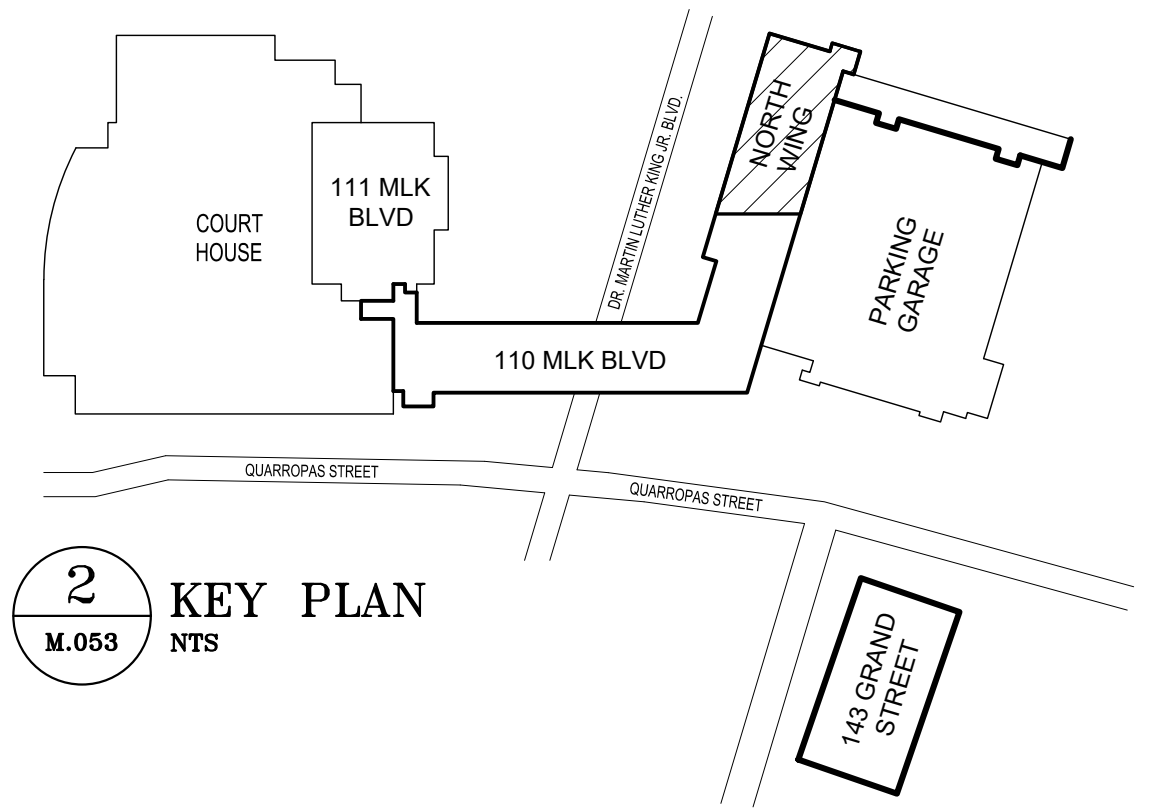
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	M-052
DIVISION OF ENGINEERING		SHEET NO.	82 OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: JAN 19, 2024	
1ST FLOOR CENTRAL WING MECHANICAL PIPING		DPW FILE NO.	REV NO.
DEMOLITION PLAN		52-11-M-1894	0



- KEY NOTES**
- ① EXISTING CONSTANT VOLUME REHEAT COIL TO BE REMOVED AND REPLACED WITH NEW VAV BOX CUT BACK AND EXTEND PIPING AS REQUIRED TO ACCOMMODATE NEW UNIT.
  - ② EXISTING SUPPLEMENTAL AC UNIT TO BE REMOVED. REMOVE ALL EXISTING CONTROLS, WIRING AND PIPING. CUT WIRING BACK TO SOURCE AND SEAL PENETRATIONS IN WALL PANELS AND MASONRY WALL.
  - ③ EXISTING TOILET EXHAUST FAN TO BE REMOVED AND REPLACED WITH NEW.

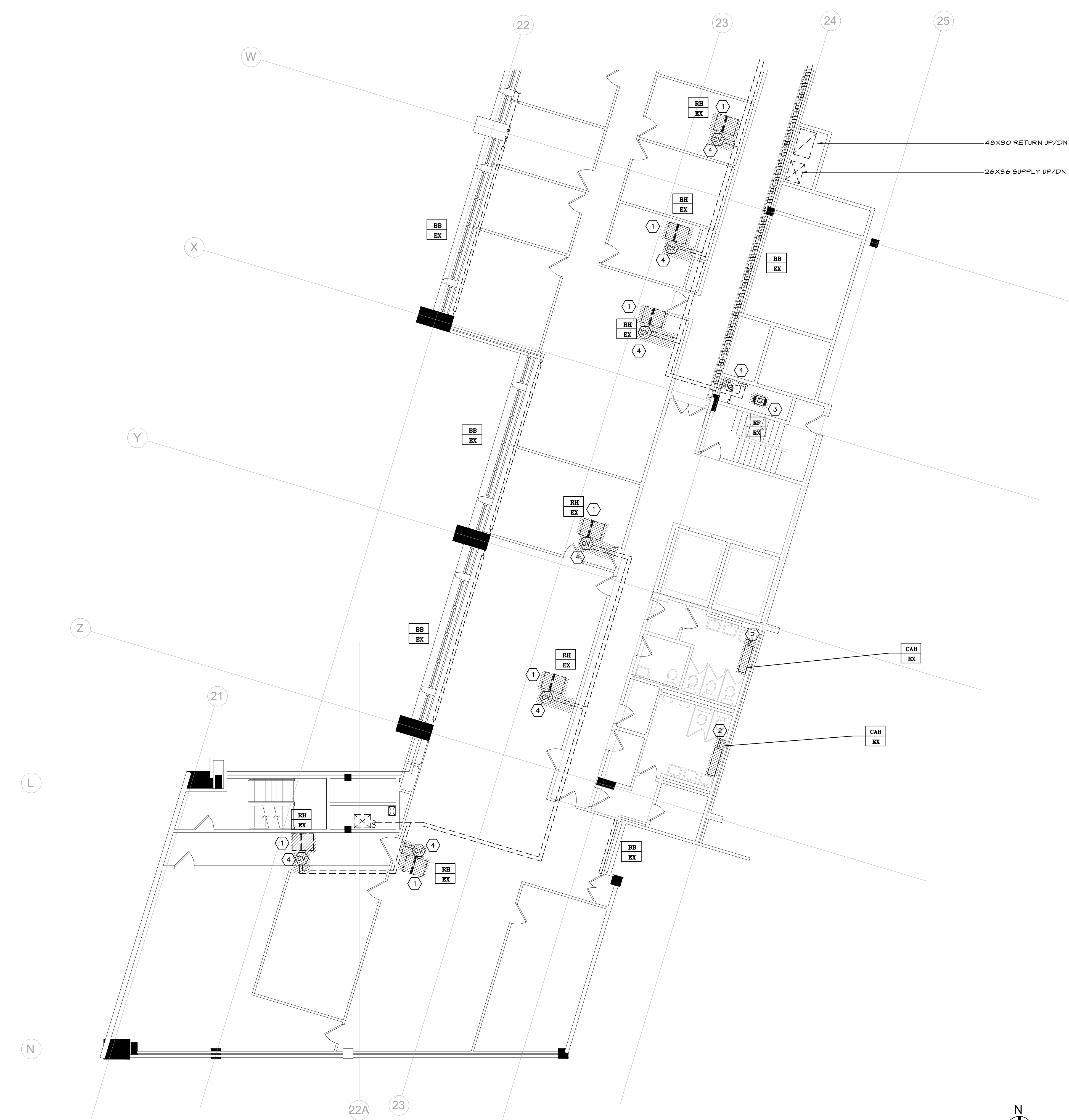


**1 MECHANICAL PIPING DEMOLITION PLAN - 1ST FLOOR NORTH WING**  
M.053 1/8"=1'-0"

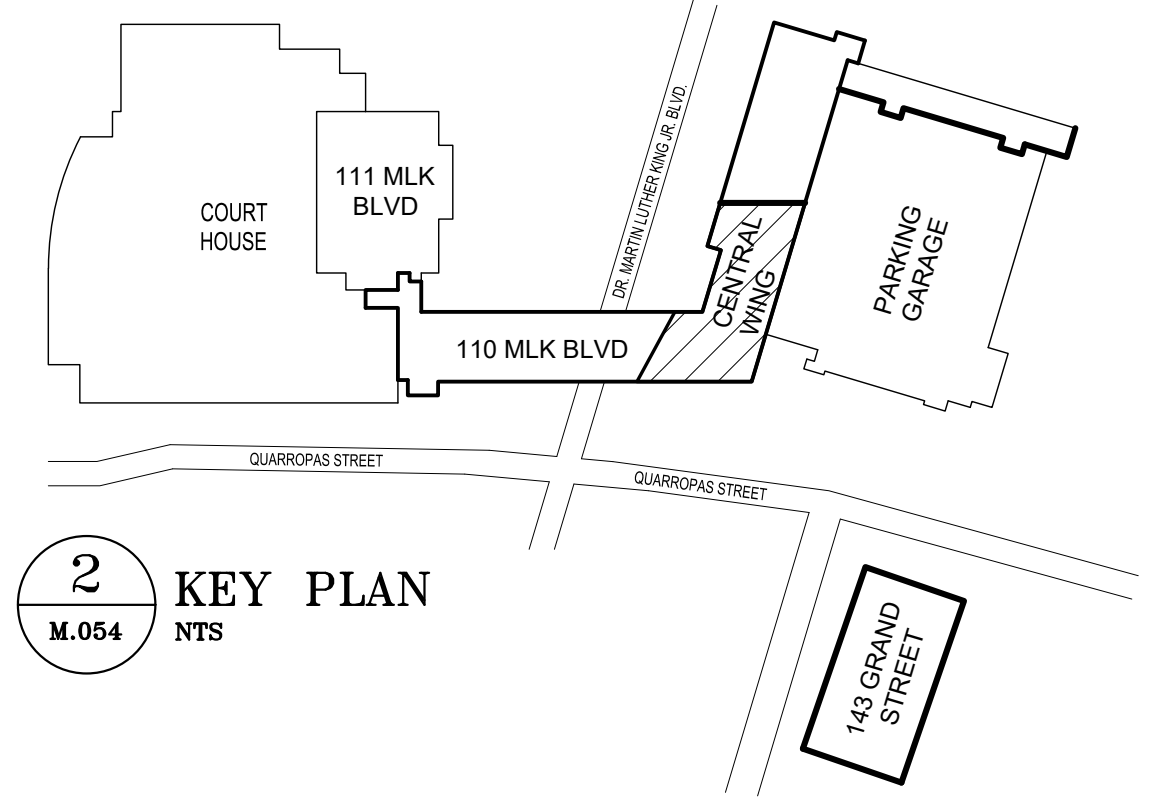
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 <b>1ST FLOOR NORTH WING MECHANICAL PIPING DEMOLITION PLAN</b>	
CONTRACT NUMBER 20-502 SHEET NO. 83 OF 133 SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-11-M-1895 REV NO. 0	SHEET NUMBER <b>M-053</b>



- KEY NOTES**
- 1 EXISTING CONSTANT VOLUME REHEAT COIL TO BE REMOVED AND REPLACED WITH NEW VAV BOX. CUT BACK AND EXTEND PIPING AS REQUIRED TO ACCOMMODATE NEW UNIT.
  - 2 EXISTING CABINET HEATER TO BE REMOVED AND REPLACED WITH NEW. CUT EXISTING PIPING BACK TO MAIN.
  - 3 EXISTING TOILET EXHAUST FAN TO BE REMOVED.
  - 4 EXISTING PNEUMATIC CONTROL VALVE TO BE REMOVED AND REPLACED WITH BMS CONTROL VALVE.



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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601											
<b>2ND FLOOR NORTH WING MECHANICAL DEMOLITION PLAN</b>											
CONTRACT NUMBER 20-502	SHEET NUMBER <b>M-054</b>										
SHEET NO. 84 OF 133	SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-11-M-1896										
REV NO. 0											

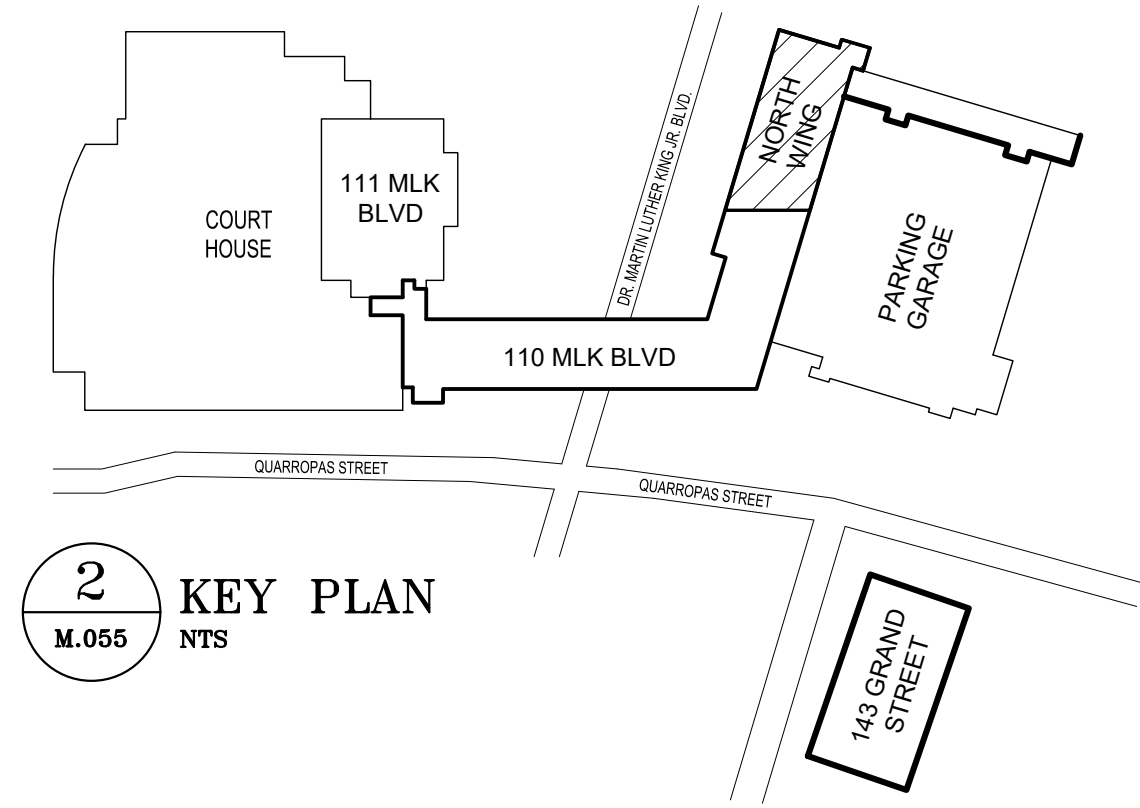
**1** MECHANICAL DEMOLITION PLAN - 2ND FLOOR CENTRAL WING  
 M.054 1/8"=1'-0"

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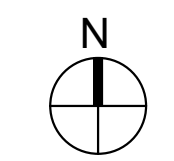


KEY NOTES	
1	EXISTING CONSTANT VOLUME REHEAT COIL TO BE REMOVED AND REPLACED WITH NEW VAV BOX. CUT BACK AND EXTEND PIPING AS REQUIRED TO ACCOMMODATE NEW UNIT.
2	EXISTING EXHAUST FAN AND ASSOCIATED EXHAUST DUCTWORK TO BE REMOVED.
3	EXISTING PNEUMATIC CONTROL VALVE TO BE REMOVED AND REPLACED WITH BMS CONTROL VALVE.



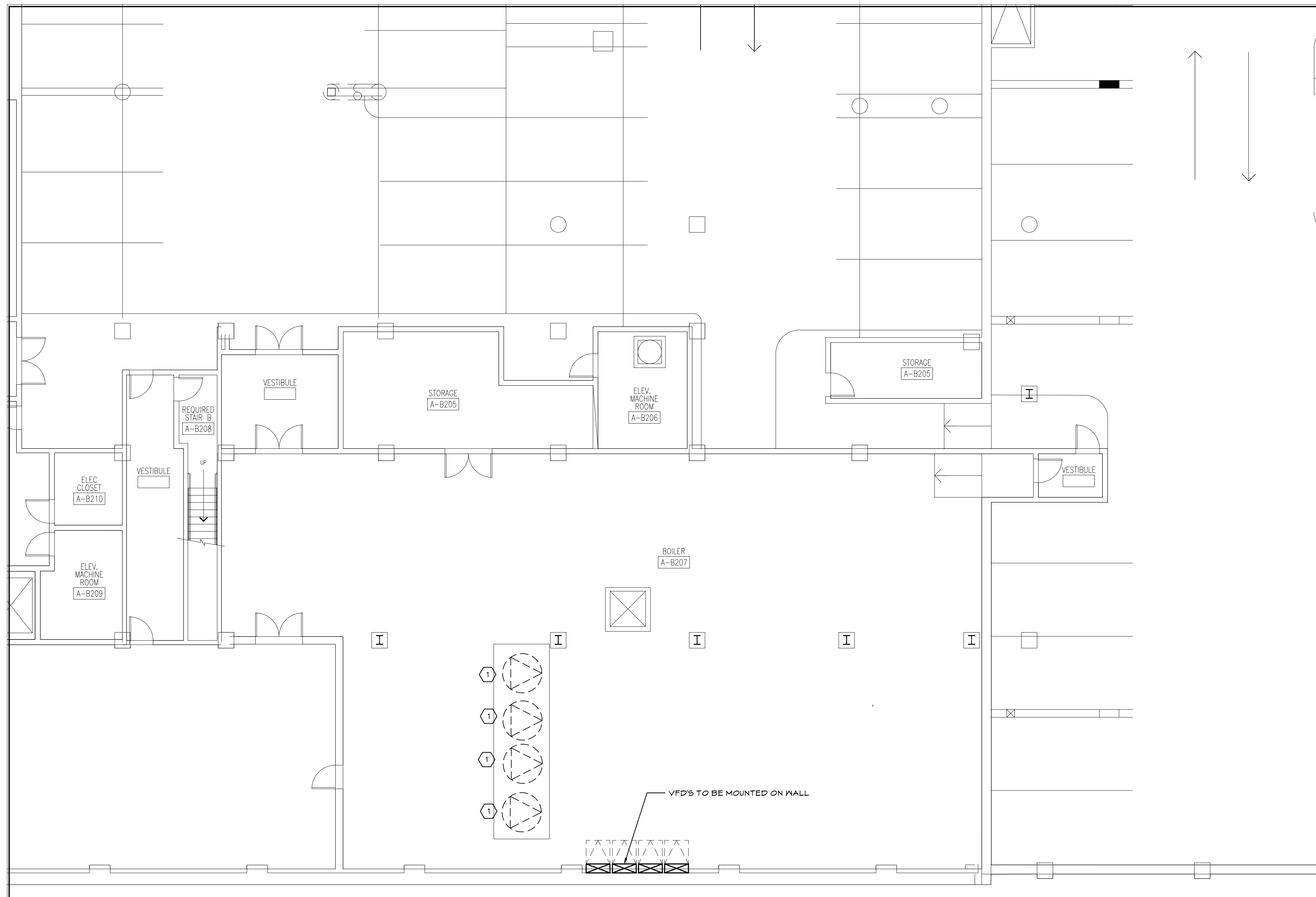
**1** MECHANICAL DEMOLITION PLAN - 2ND FLOOR NORTH WING  
M.055 1/8"=1'-0"

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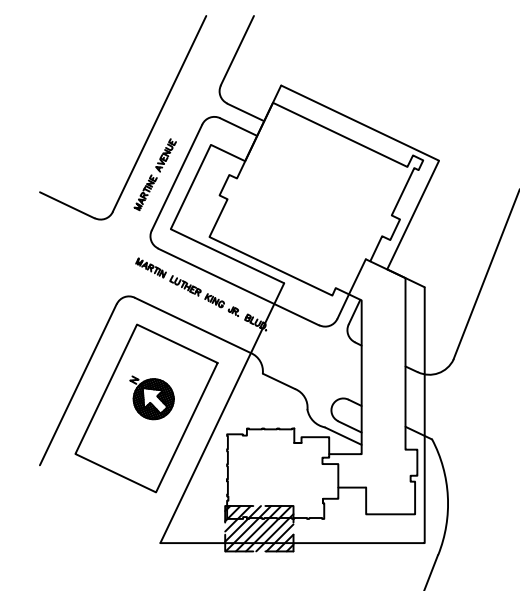
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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	M-055
DIVISION OF ENGINEERING		SHEET NO.	85 OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	DATE: JAN 19, 2024
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DPW FILE NO.	REV NO.
WHITE PLAINS, NEW YORK 10601		52-11-M-1897	0
2ND FLOOR NORTH WING MECHANICAL DEMOLITION PLAN			



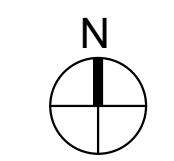
**KEY NOTES**

① PROVIDE NEW VFD'S IN PLACE OF EXISTING STARTERS FOR (4) EXISTING HOT WATER REHEAT DISTRIBUTION PUMPS. PROVIDE ALL WIRING AND CONTROLS AS REQUIRED FOR A COMPLETE INSTALLATION.



**K** KEY PLAN - B3 LEVEL  
N.T.S.

**1** MECHANICAL PLAN - BOILER ROOM  
M.098 1/8"=1'-0"



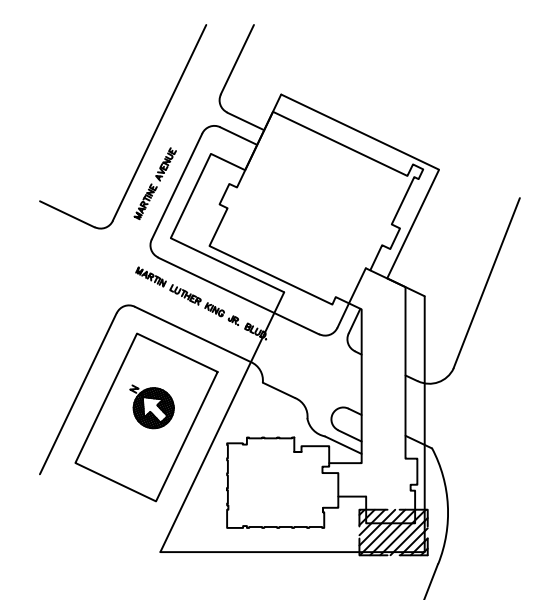
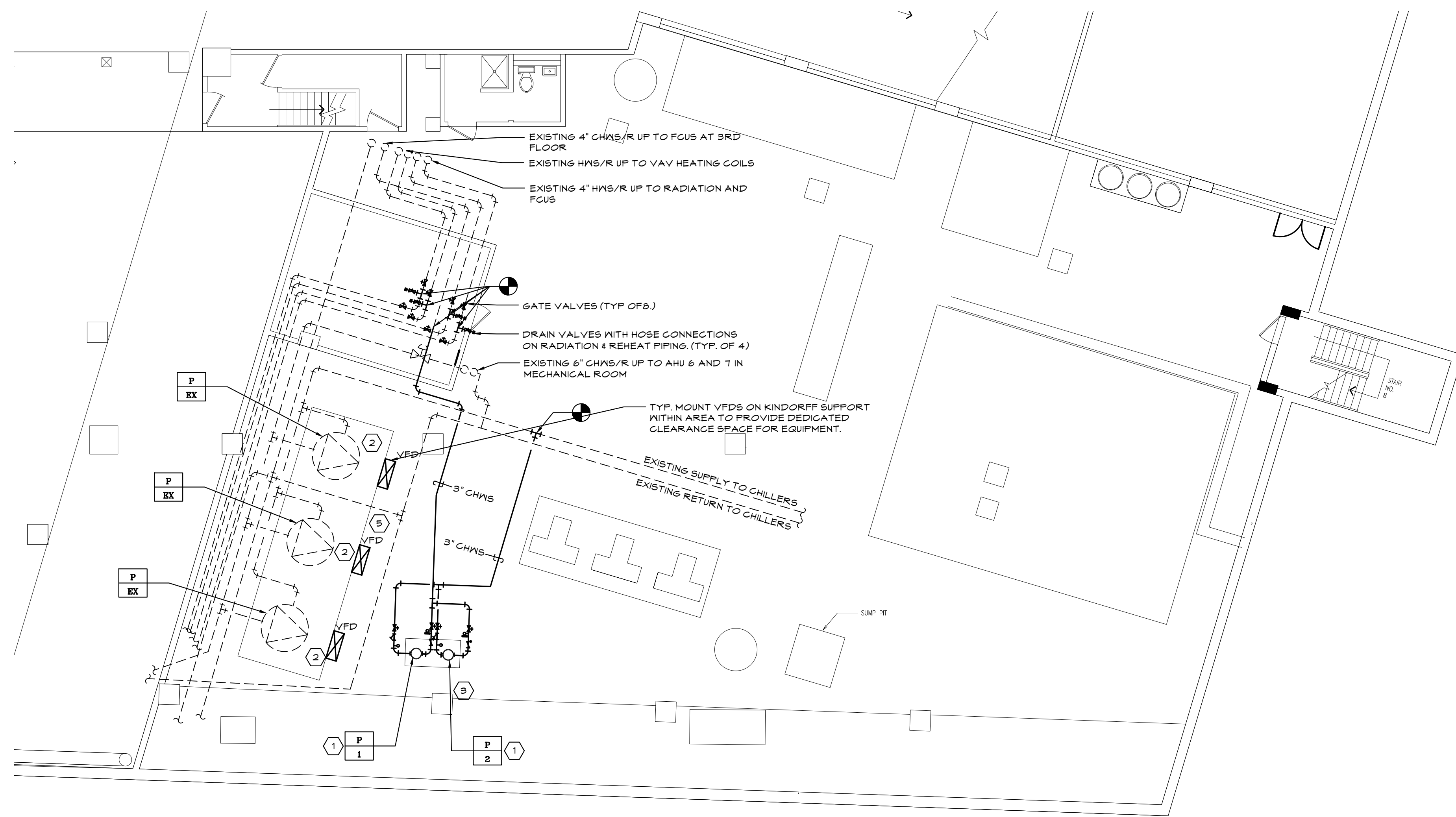
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DIVISION OF ENGINEERING		SCALE: AS NOTED	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		DATE: JAN 19, 2024	REV NO. 0
BOILER ROOM MECHANICAL PLAN		DPW FILE NO. 52-11-M-1898	

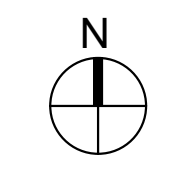
**KEY NOTES**

- 1 PROVIDE (2) NEW INLINE CHILLED WATER PUMPS TO SERVE LOW RISE BUILDING. CUT BACK EXISTING PIPING SERVING THE LOW RISE AND EXTEND NEW PIPING AS REQUIRED TO CONNECT THE EXISTING LOW RISE LOOP AND NEW CHILLED WATER PUMPS TO THE CAMPUS CHILLED WATER MAINS. SEE DETAIL 3 ON DWG M-021 FOR PIPING CONNECTION DETAIL.
- 2 PROVIDE NEW VFDs IN PLACE OF EXISTING STARTERS FOR (3) EXISTING 150HP CHILLED WATER DISTRIBUTION PUMPS. PROVIDE ALL PIPING AND CONTROLS AS REQUIRED FOR A COMPLETE INSTALLATION.
- 3 MOUNT NEW PUMPS ON 4" CONCRETE EQUIPMENT PAD WITH NEOPRENE VIBRATION ISOLATORS.
- 4 PROVIDE NEW ISOLATION VALVES WITH HOSE CONNECTIONS IN EXISTING RADIATION/HOT WATER PIPING LOOP TO FACILITATE DRAIN DOWNS.
- 5 EXISTING FLOOR LEAK DETECTORS TO BE CONNECTED AND TIED INTO BMS.



**1 MECHANICAL PLAN - 2ND SUBGRADE CHILLER PLANT**  
 M.099 1/8"=1'-0"

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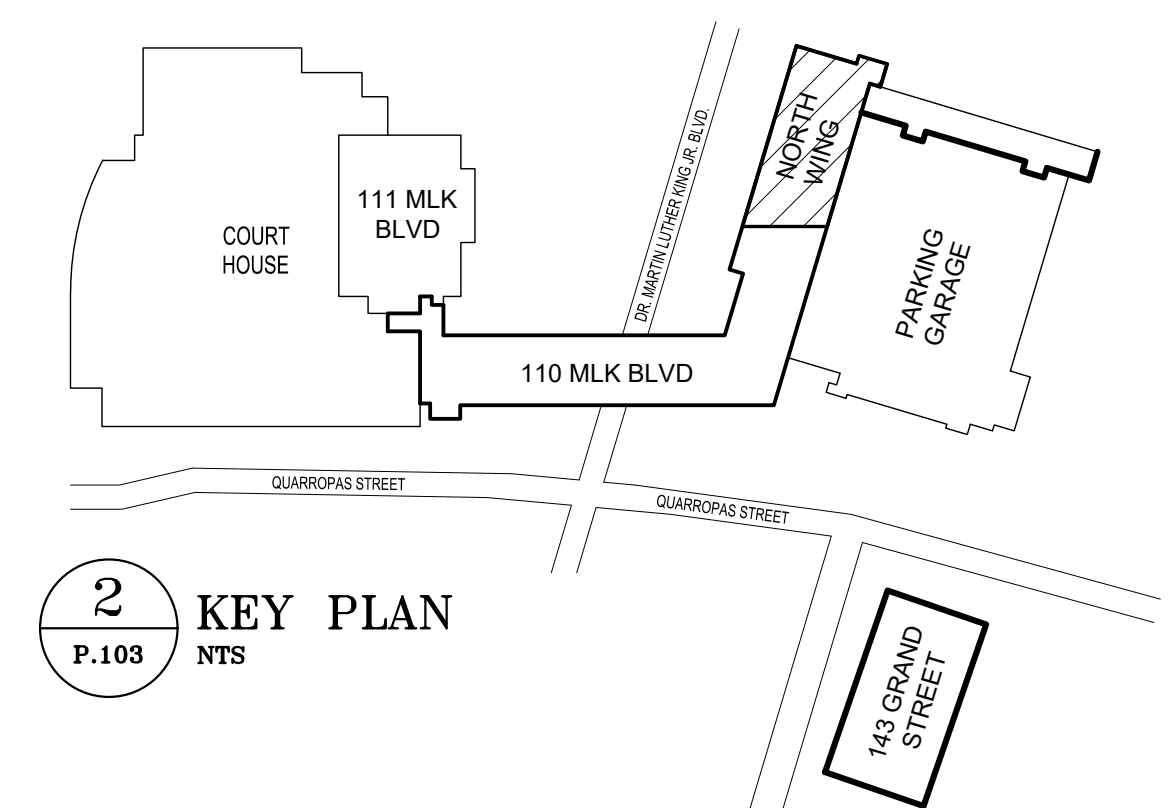


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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER <b>M-099</b> 87 OF 133	
DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO.	SHEET NO. 87 OF 133 DATE: JAN 19, 2024 DPW FILE NO. 52-11-M-1899 REV NO. 0	
<b>MECHANICAL PLAN - CHILLER PLAN</b>				

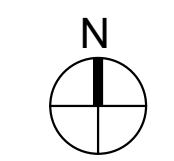


**ADD ALTERNATE**  
 REPLACE ALL EXISTING DUCT MAINS IN KIND WITH NEW.



PROVIDE NEW INSULATION FOR EXISTING AHU-1 SUPPLY AND RETURN DUCTWORK. ALL INSULATION TO BE 2" MINERAL FIBER BOARD INSULATION SIMILAR TO JOHNS HANVILLE 800 SERIES SPIN-GLAS AND SHALL BE WATERPROOFED AND COVERED WITH 20X20 GLASS FABRIC SEALED WITH FLEXCLAD-400 DUCT SEALING SYSTEM OR EQUIVALENT

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**1 MECHANICAL PLAN - GARAGE LEVEL B2**  
 M.101 1/8"=1'-0"

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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601				CONTRACT NUMBER 20-502 SHEET NO. 88 OF 133 SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-11-M-1900
<b>2ND SUBGRADE GARAGE MECHANICAL PLAN</b>				SHEET NUMBER <b>M-101</b> REV NO. 0

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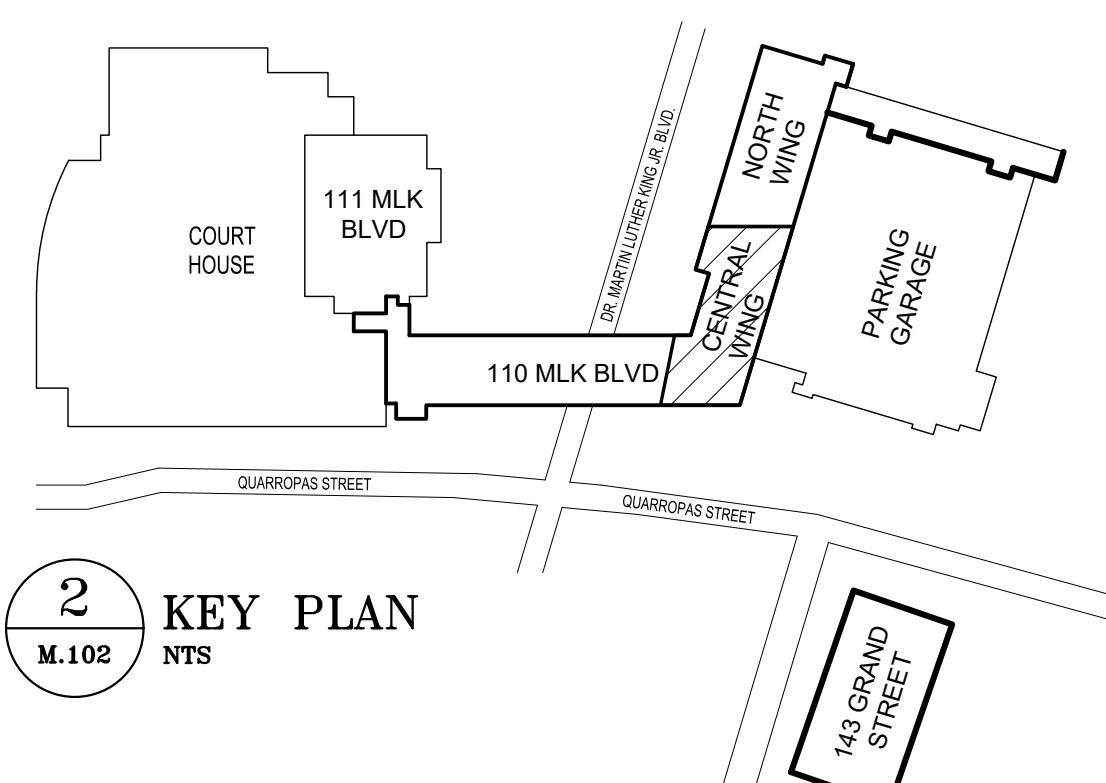
- ### KEY NOTES
- 1 NEW RETURN FAN IN PLACE OF EXISTING. RECONNECT TO EXISTING DUCTWORK.
  - 2 NEW AHU IN PLACE OF EXISTING. RECONNECT TO EXISTING DUCTWORK AND PIPING WITH NEW FLEXIBLE CONNECTIONS.
  - 3 MODIFY EXISTING EQUIPMENT PAD AS REQUIRED TO ACCOMMODATE NEW AHU. MOUNT ON SPRING VIBRATION ISOLATORS SIMILAR TO VCM GROUP MODEL AMSR-1G-520N
  - 4 PROVIDE NEW ALD'S FOR ALL FRESH AIR DAMPERS SERVING AHU 6, 7, 8. DAMPERS TO BE SIMILAR TO GREENHECK VCD SERIES. ALL ACTUATORS TO BE BY BELIMO AND TIED INTO THE NEW BMS.
  - 5 NEW VAV IN PLACE OF EXISTING CONSTANT VOLUME REHEAT COIL. CUT BACK AND EXTEND EXISTING PIPING AND DUCTWORK AS REQUIRED TO INSTALL NEW VAV BOX.
  - 6 NEW BMS ENABLED THERMOSTAT IN PLACE OF EXISTING.
  - 7 NEW DIFFUSER IN PLACE OF EXISTING. PROVIDE NEW VOLUME DAMPER AT ALL NEW TAPS. BALANCE TO CFM VALUE TAKEN FROM PRE-DEMOLITION AIR CONDITIONS.
  - 8 CONNECT NEW DIFFUSER TO EXISTING BRANCH DUCTWORK. BALANCE TO CFM TAKEN FROM PRE-DEMOLITION AIR READINGS.
  - 9 PROVIDE NEW TEMPERATURE SENSOR FOR SPACE AVERAGING.
  - 10 EXISTING FLOOR LEAK DETECTORS TO BE CONNECTED AND TIED INTO BMS.

### ADD ALTERNATE

REPLACE ALL EXISTING DUCT MAINS IN KIND WITH NEW.

AEROSEAL ALL EXISTING MAINS  
 EXISTING 48X48 RETURN UP/DN  
 EXISTING 48X36 SUPPLY UP/DN  
 PROVIDE FIRESTOPPING FOR ALL EXISTING DUCTWORK AND PIPING PENETRATIONS THROUGH SHAFT  
 12X4 EXHAUST UP

EXISTING SOFFIT  
 EDGE OF EXISTING SOFFIT



2 KEY PLAN  
 M.102 NTS

1 MECHANICAL PLAN - 1ST FLOOR CENTRAL WING  
 M.101 1/8"=1'-0"

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	M-102
DIVISION OF ENGINEERING		SHEET NO.	89 OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	DATE: JAN 19, 2024
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DPW FILE NO.	REV NO.
WHITE PLAINS, NEW YORK 10601		52-11-M-1901	0
1ST FLOOR CENTRAL WING MECHANICAL PLAN			



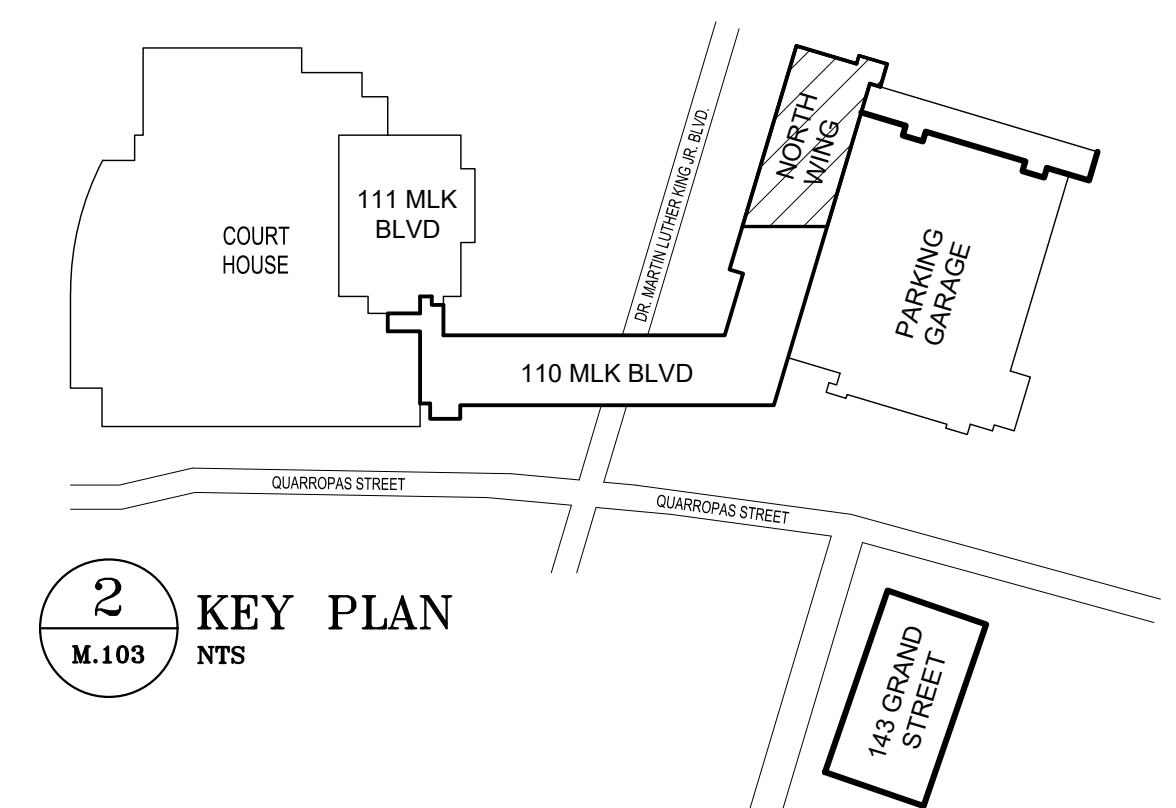
**KEY NOTES**

1 NEW VAV IN PLACE OF EXISTING CONSTANT VOLUME REHEAT COIL CUT BACK AND EXTEND EXISTING PIPING AND DUCTWORK AS REQUIRED TO INSTALL NEW VAV BOX.

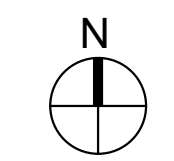
2 CONNECT NEW DIFFUSER TO EXISTING BRANCH DUCTWORK. PROVIDE NEW VOLUME DAMPER AT EACH TAP. BALANCE TO CFM TAKEN FROM PRE DEMOLITION AIR READINGS.

**ADD ALTERNATE**

REPLACE ALL EXISTING DUCT MAINS IN KIND WITH NEW.



**1 MECHANICAL PLAN - 1ST FLOOR NORTH WING**  
M.103 1/8"=1'-0"



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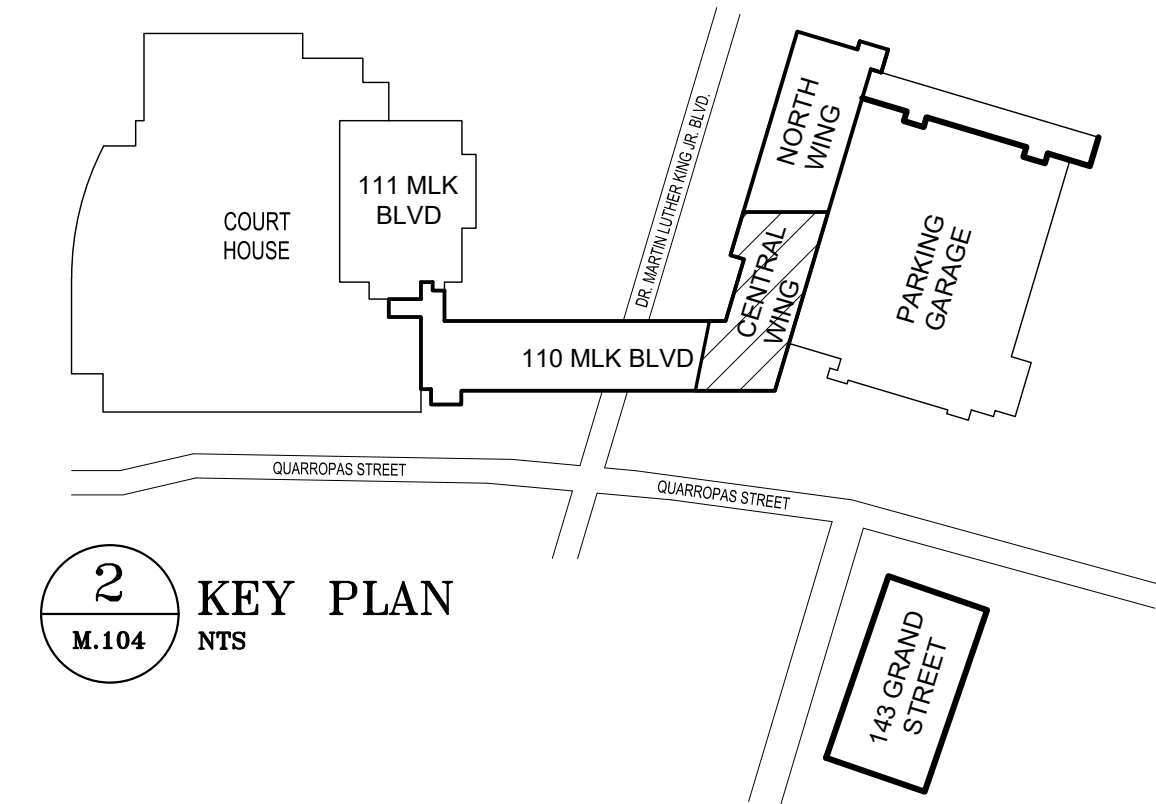
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DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-11-M-1902 REV NO. 0																										
<b>1ST FLOOR NORTH WING MECHANICAL PLAN</b>																												



- KEY NOTES**
- 1 NEW CABINET HEATER IN PLACE OF EXISTING RECONNECT TO EXISTING HOT WATER PIPING.
  - 2 NEW VAV IN PLACE OF EXISTING CONSTANT VOLUME REHEAT COIL. CUT BACK AND EXTEND EXISTING PIPING AND DUCTWORK AS REQUIRED TO INSTALL NEW VAV BOX.
  - 3 PROVIDE NEW ENCLOSURE FOR EXISTING RADIATOR.
  - 4 REBALANCE EXISTING DIFFUSER TO CFM TAKEN FROM PRE DEMO AIR READINGS.
  - 5 PROVIDE FIRESTOPPING FOR ALL EXISTING DUCTWORK AND PIPING PENETRATIONS THROUGH SHAFT.
  - 6 CONNECT NEW DIFFUSER TO EXISTING BRANCH DUCTWORK. PROVIDE NEW VOLUME DAMPER AT EACH TAP/BALANCE TO CFM TAKEN FROM PRE DEMOLITION AIR READINGS.
  - 7 NEW DIFFUSER IN PLACE OF EXISTING. BALANCE TO CFM VALUE TAKEN FROM PRE-DEMOLITION AIR READINGS.

**ADD ALTERNATE**

REPLACE ALL EXISTING DUCT MAINS IN KIND WITH NEW.



**1 MECHANICAL PLAN - 2ND FLOOR CENTRAL WING**  
 M.104 1/8"=1'-0"

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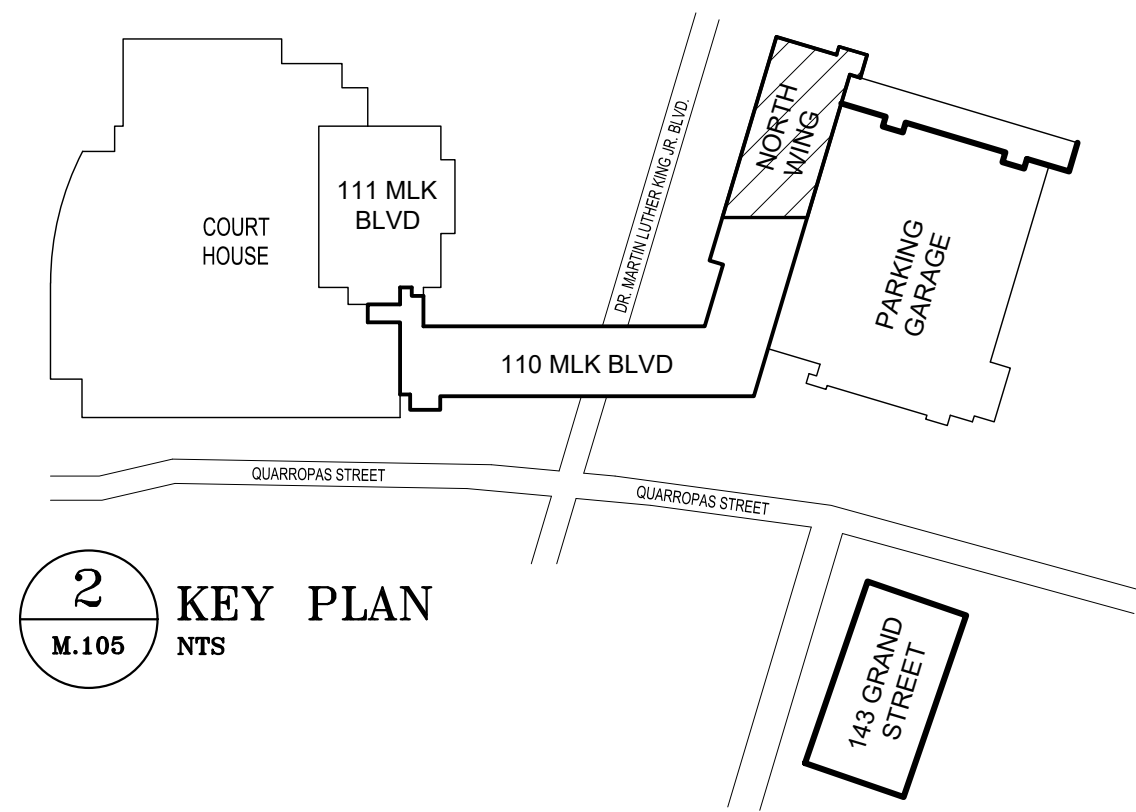
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER <b>M-104</b>
DIVISION OF ENGINEERING		SHEET NO. 91 OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED	DATE: JAN 19, 2024
2ND FLOOR CENTRAL WING MECHANICAL PLAN		DPW FILE NO. 52-11-M-1903	REV NO. 0



- ### KEY NOTES
- 1 NEW CABINET HEATER IN PLACE OF EXISTING. RECONNECT TO EXISTING HOT WATER PIPING.
  - 2 NEW VAV IN PLACE OF EXISTING CONSTANT VOLUME REHEAT COIL. CUT BACK AND EXTEND EXISTING PIPING AND DUCTWORK AS REQUIRED TO INSTALL NEW VAV BOX.
  - 3 NEW CEILING RETURN GRILLE
  - 4 REBALANCE EXISTING DIFFUSER TO CFM TAKEN FROM PRE DEMO AIR READINGS.
  - 5 PROVIDE NEW TEMPERATURE SENSOR FOR SPACE AVERAGING.
  - 6 CONNECT NEW DIFFUSER TO EXISTING BRANCH DUCTWORK. PROVIDE NEW VOLUME DAMPER AT EACH TAP. BALANCE TO CFM TAKEN FROM PRE DEMOLITION AIR READINGS.
  - 7 NEW DIFFUSER IN PLACE OF EXISTING. BALANCE TO CFM VALUE TAKEN FROM PRE-DEMOLITION AIR READINGS.

### ADD ALTERNATE

REPLACE ALL EXISTING DUCT MAINS IN KIND WITH NEW.

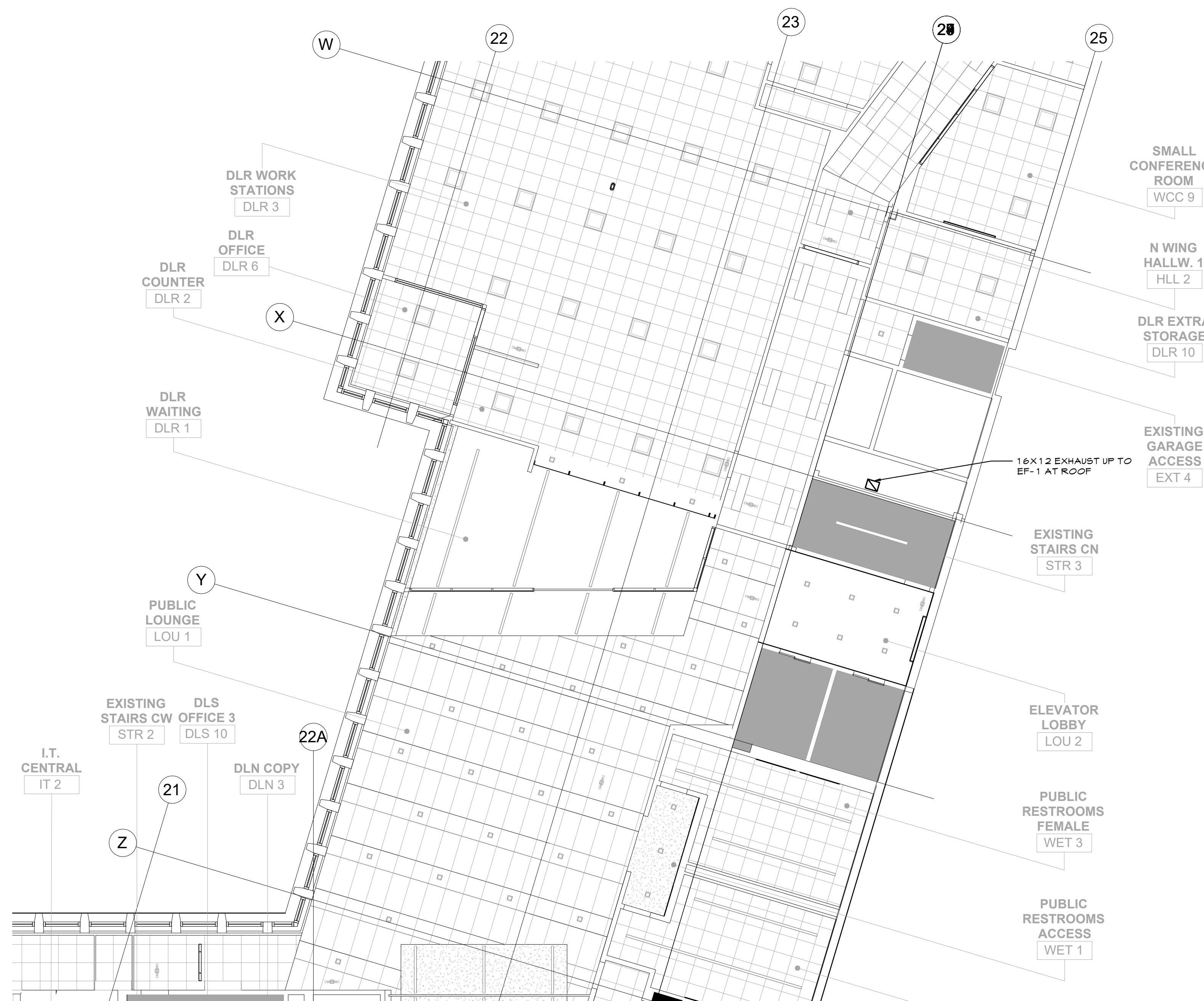


**1 MECHANICAL PLAN - 2ND FLOOR NORTH WING**  
M.105 1/8"=1'-0"

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LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO.	REV NO. 0	
2ND FLOOR NORTH WING MECHANICAL PLAN		52-11-M-1904		



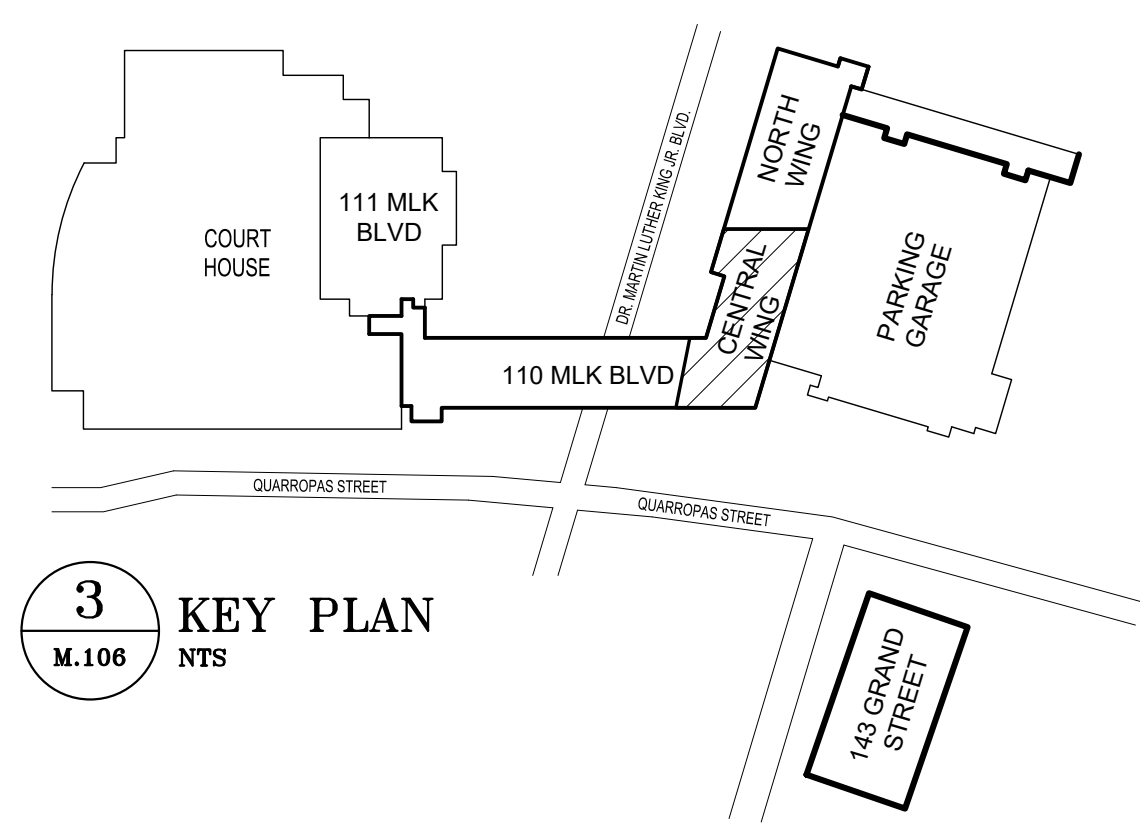
**1** MECHANICAL PART PLAN - 3RD FLOOR  
M.106 1/8"=1'-0"



**2** MECHANICAL PART PLAN - ROOF  
M.106 1/8"=1'-0"

**KEY NOTES**

① NEW EXHAUST FAN SERVING 1ST AND 2ND FLOOR BATHROOMS.

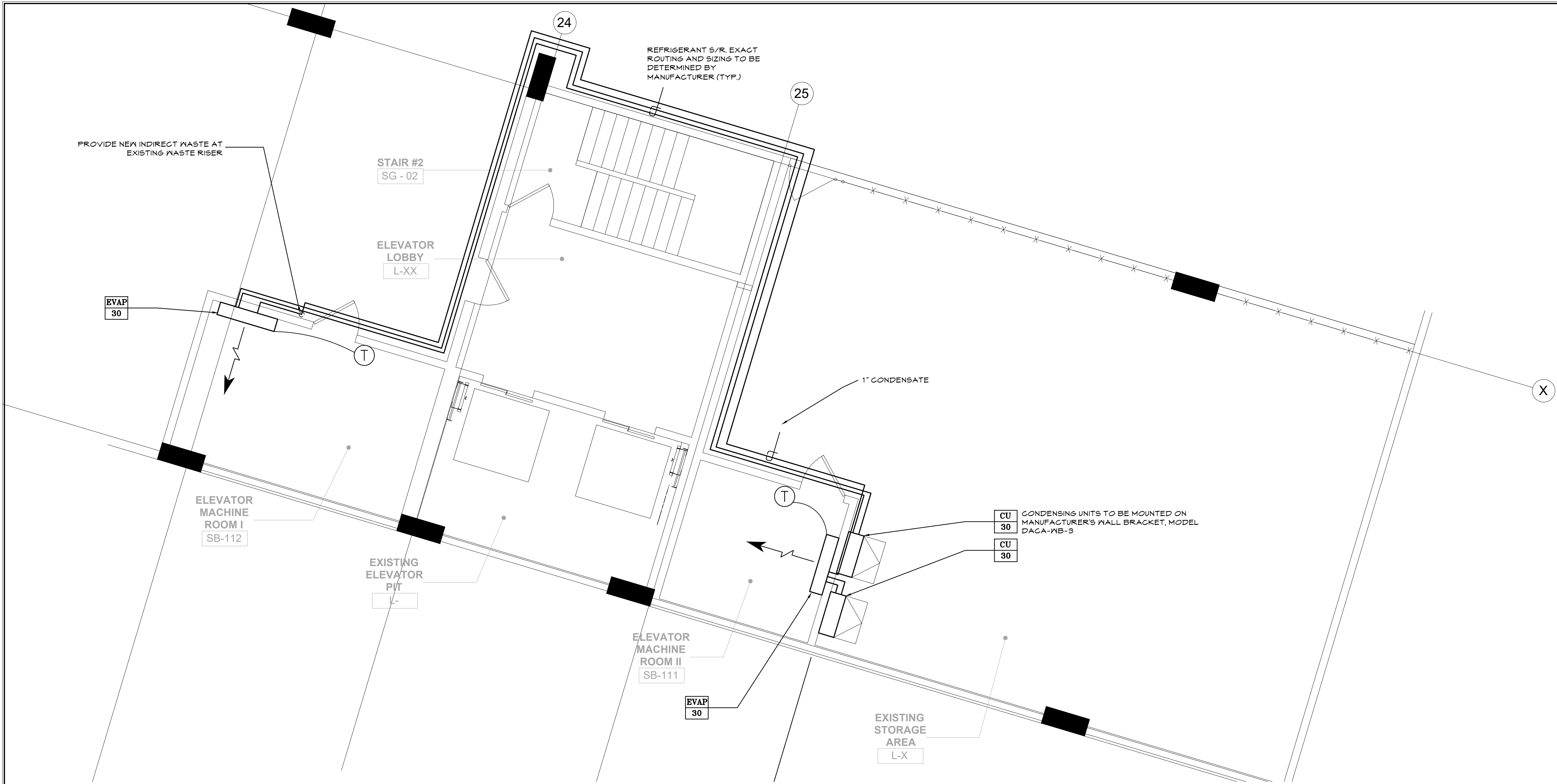


**3** KEY PLAN  
M.106 NTS

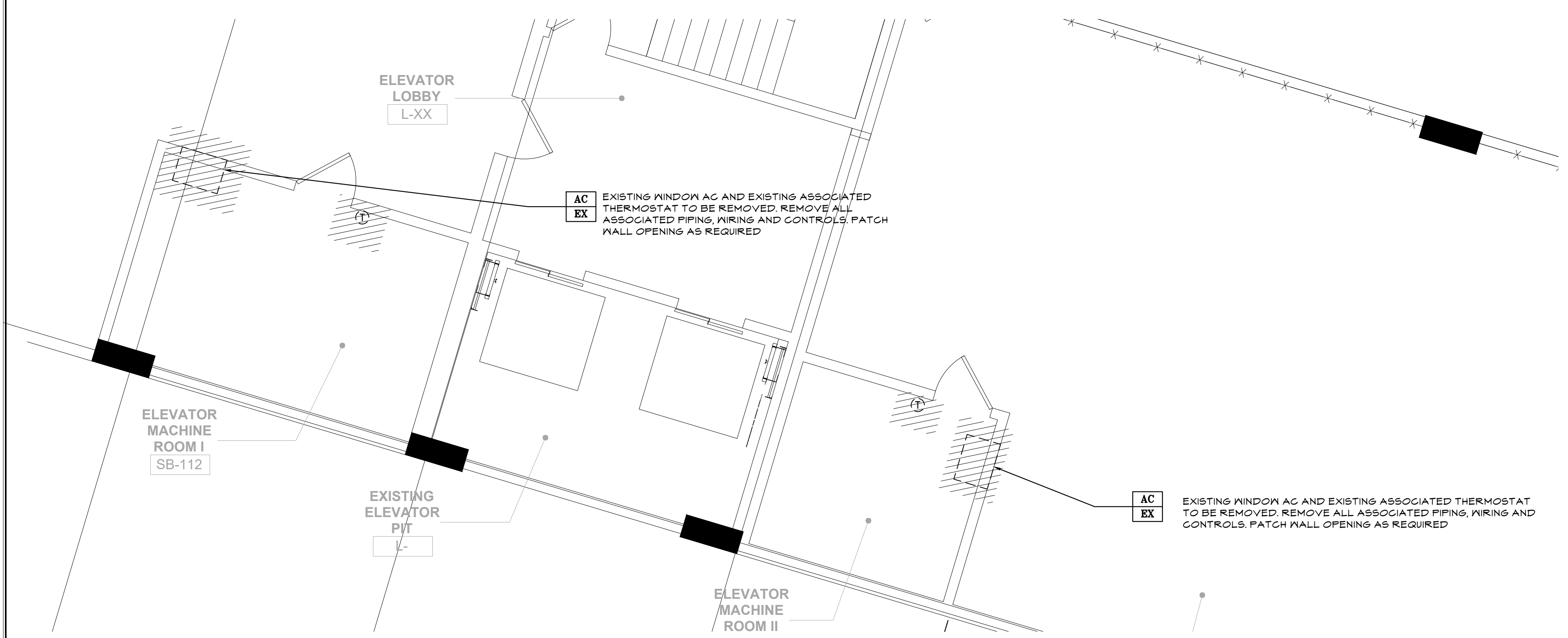
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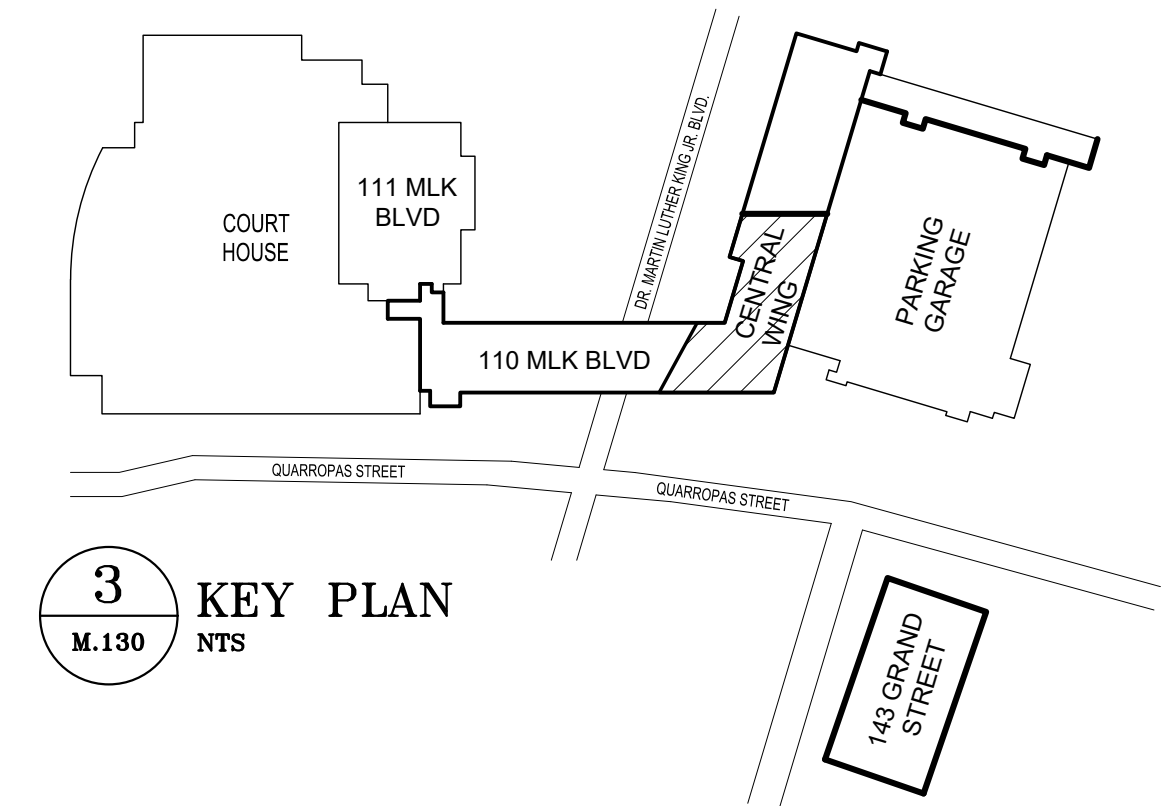
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DIVISION OF ENGINEERING		SHEET NO. 93 OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: JAN 19, 2024	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	
3RD FLOOR & ROOF MECHANICAL PART PLANS		52-11-M-1905	
		REV NO. 0	



**1** MECHANICAL PLAN - BASEMENT LEVEL 3 CENTRAL WING ELEVATOR  
 M.130 1/4"=1'-0"



**2** MECHANICAL DEMOLITION PLAN - BASEMENT LEVEL 3 CENTRAL WING ELEVATOR  
 M.130 1/4"=1'-0"

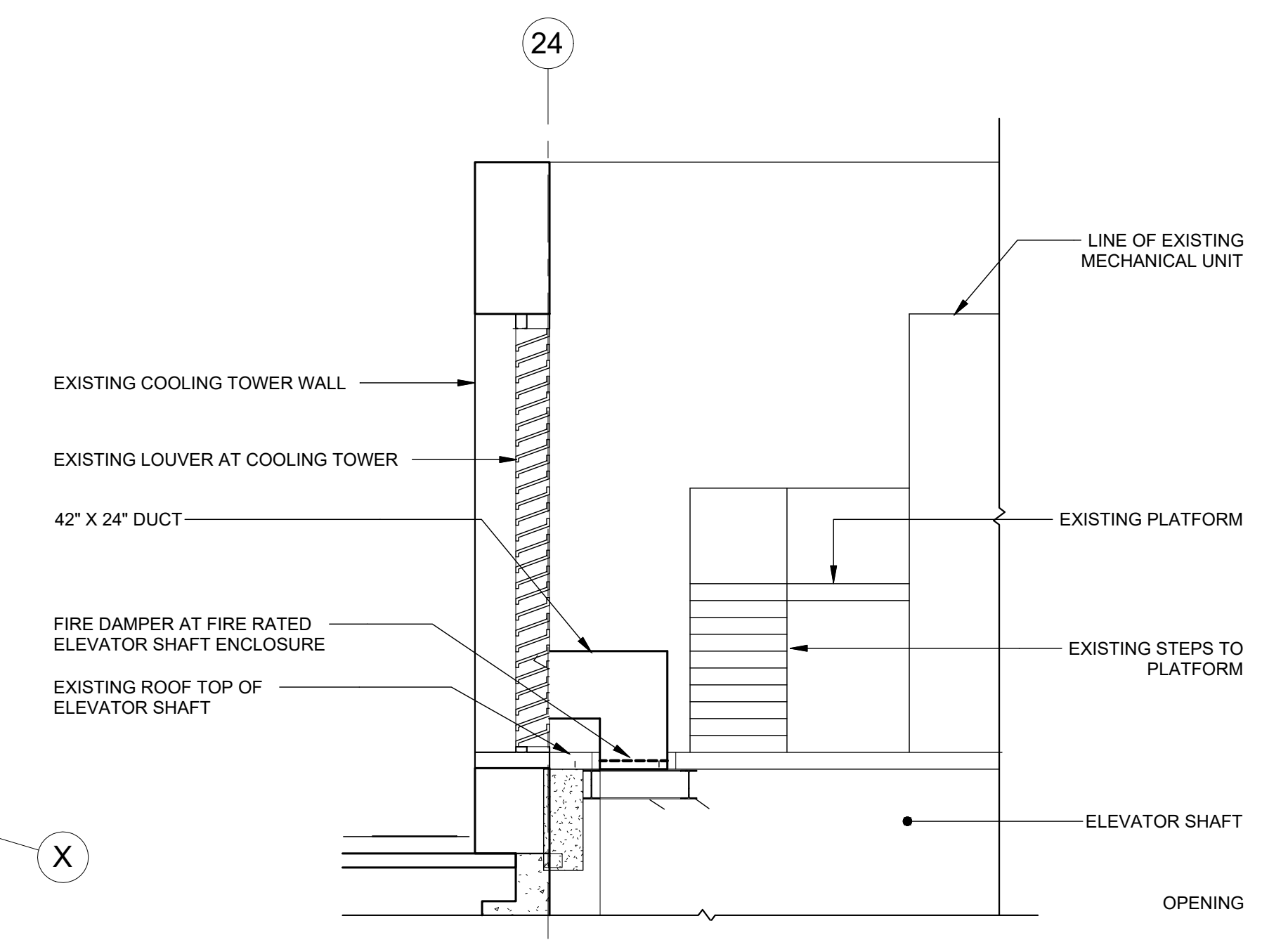
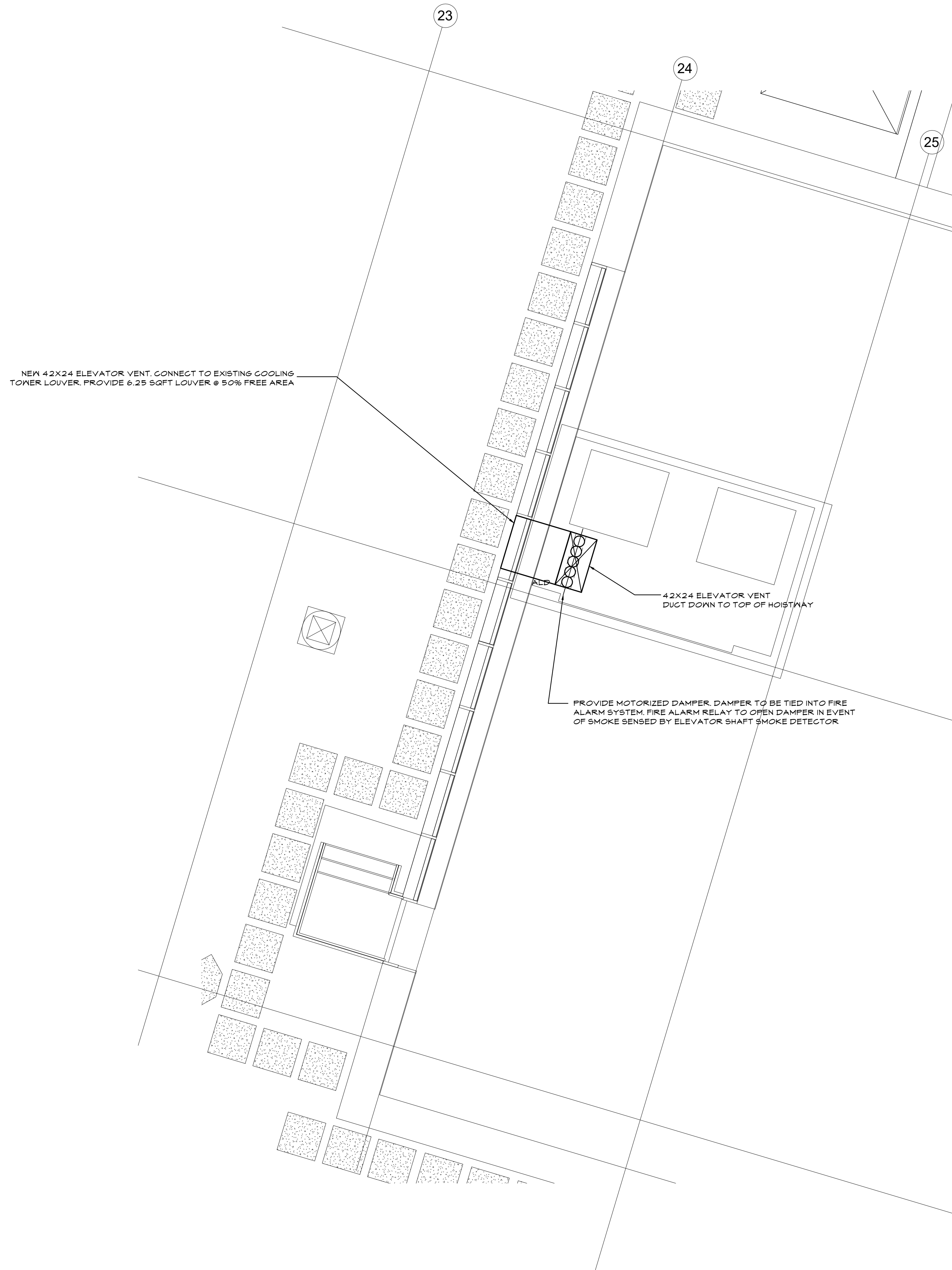


**3** KEY PLAN  
 M.130 NTS

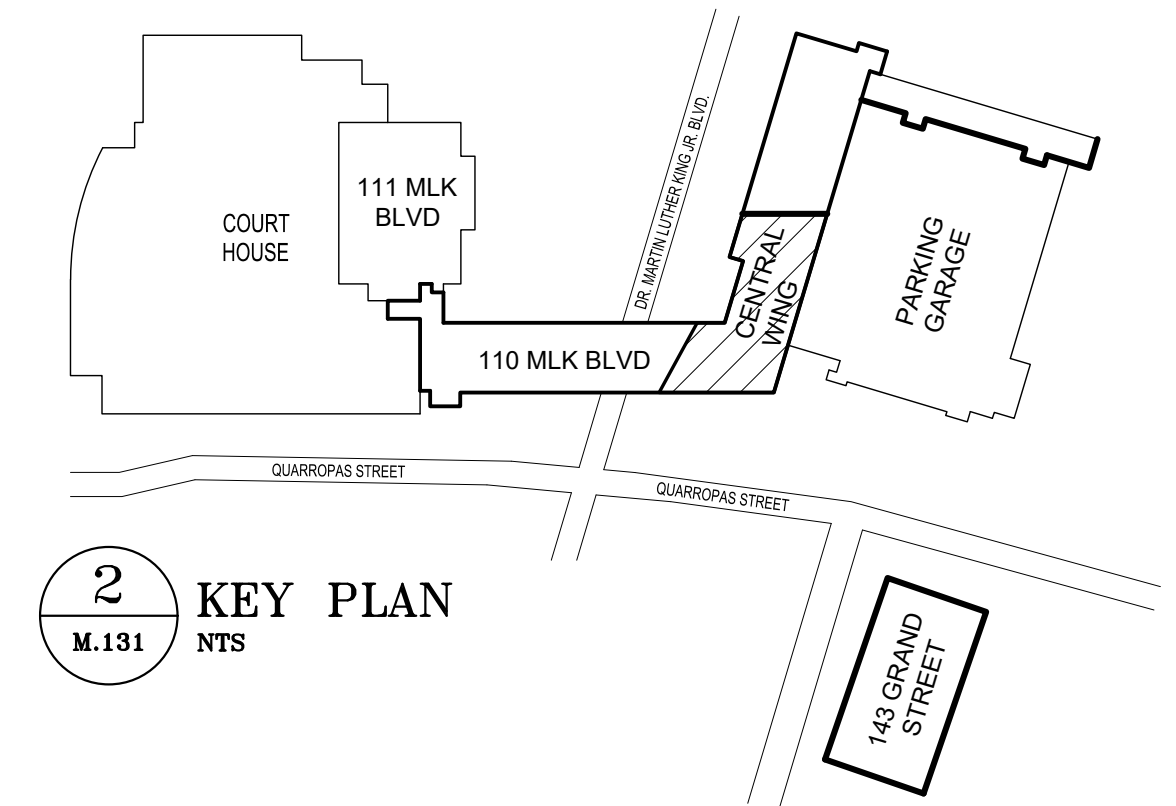
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LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601			SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO.	REV NO. 0
PARTIAL BASEMENT MECHANICAL PLAN - 110 MLK BLVD			52-11-M-1906	

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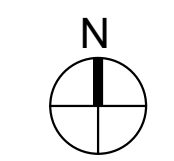
**3** ELEVATOR HOISTWAY SECTION VIEW  
M.131 1/4"=1'-0"



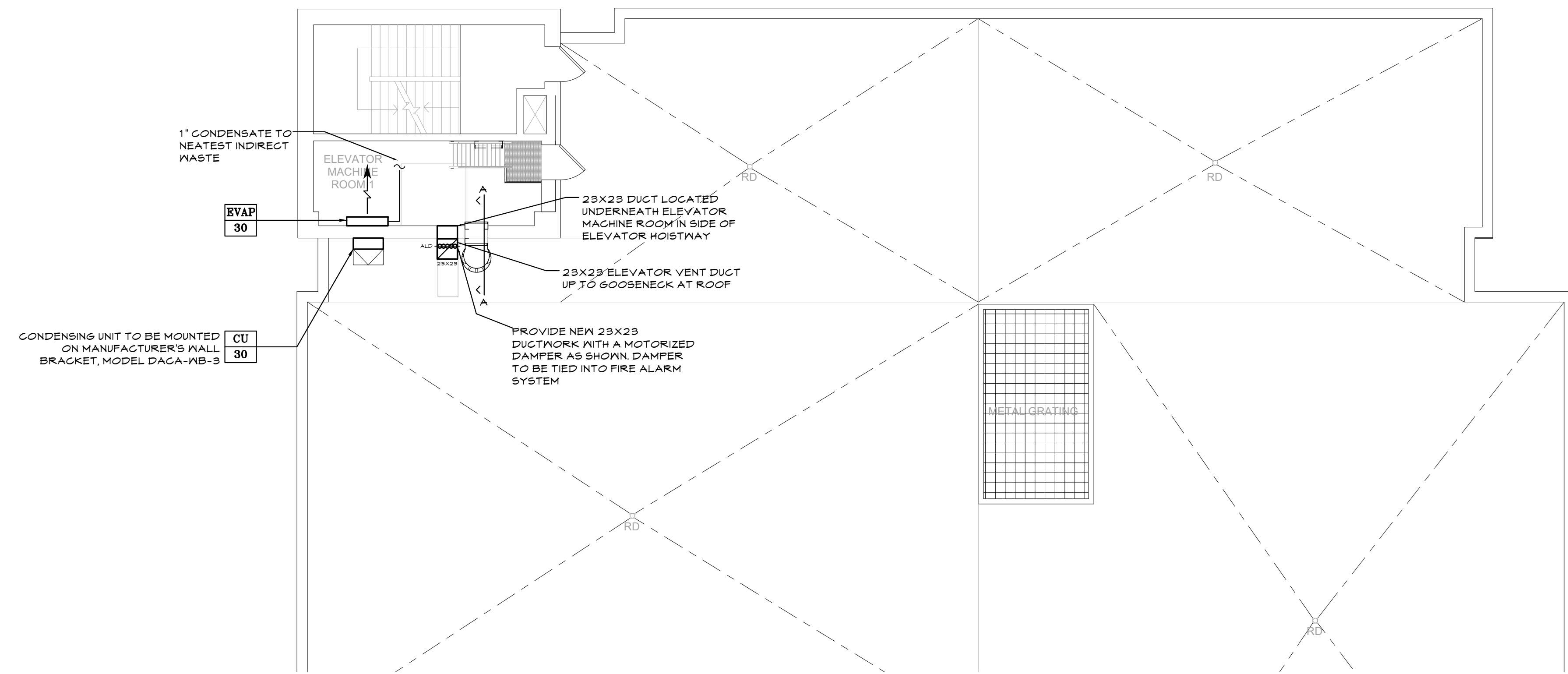
**1** ROOF MECHANICAL PLAN - ELEVATOR HOISTWAY - 110 MLK BLVD  
M.131 1/4"=1'-0"

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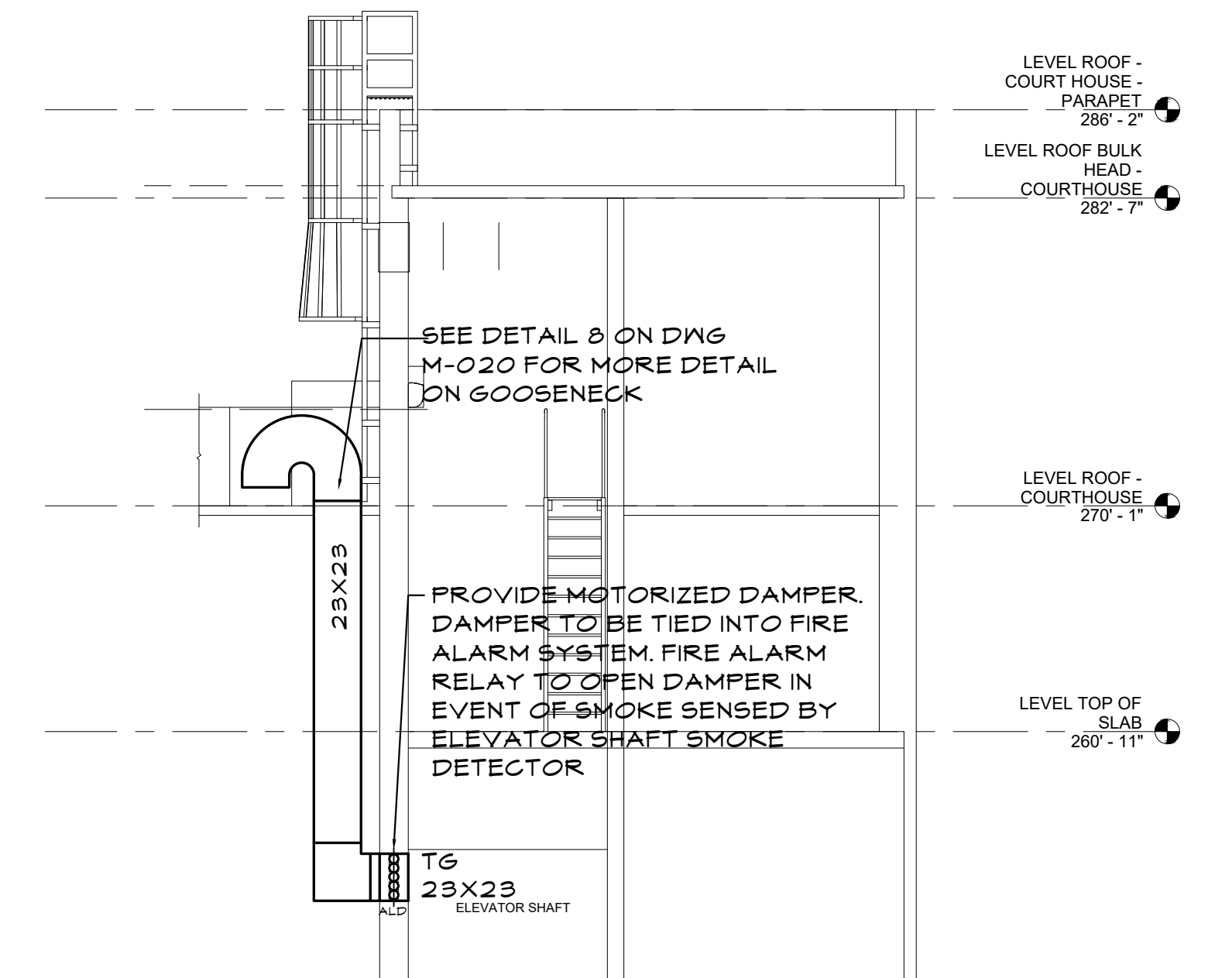
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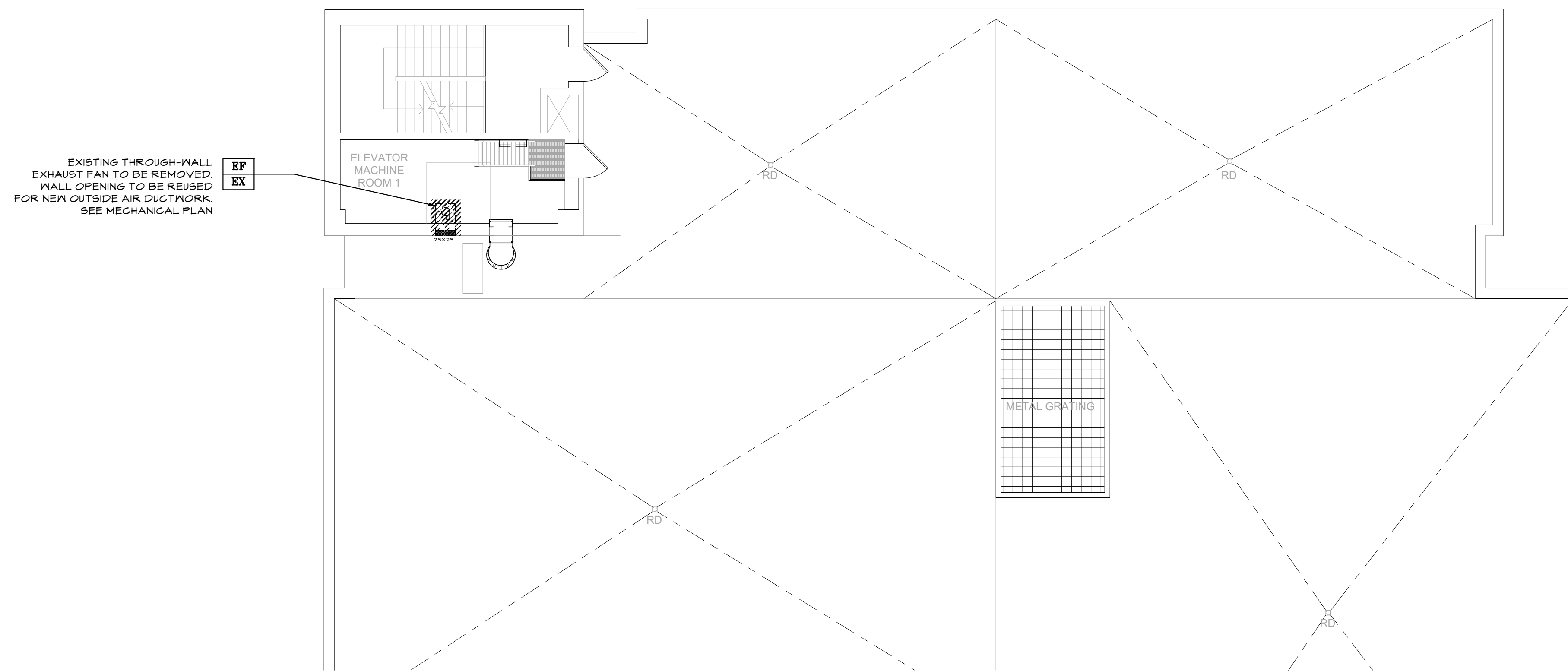
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LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: JAN 19, 2024	
PARTIAL ROOF MECHANICAL PLAN - ELEVATOR HOISTWAY		DPWF FILE NO.	REV NO.
- 110 MLK BLVD		52-11-M-1907	0



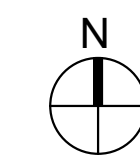
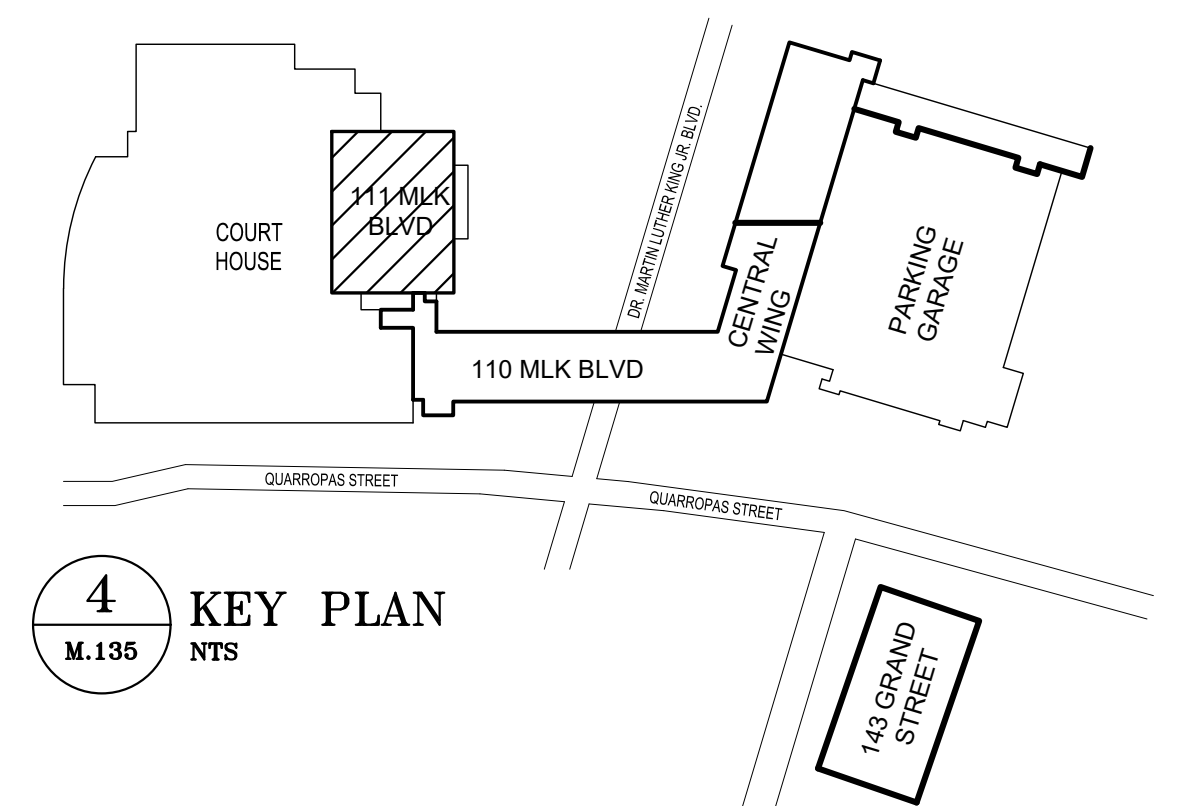
**1** MECHANICAL PLAN - COURT HOUSE ROOF  
M.135 1/8"=1'-0"



**3** SECTION A-A  
M.135 NOT TO SCALE



**2** MECHANICAL DEMOLITION PLAN - COURT HOUSE ROOF  
M.135 1/8"=1'-0"

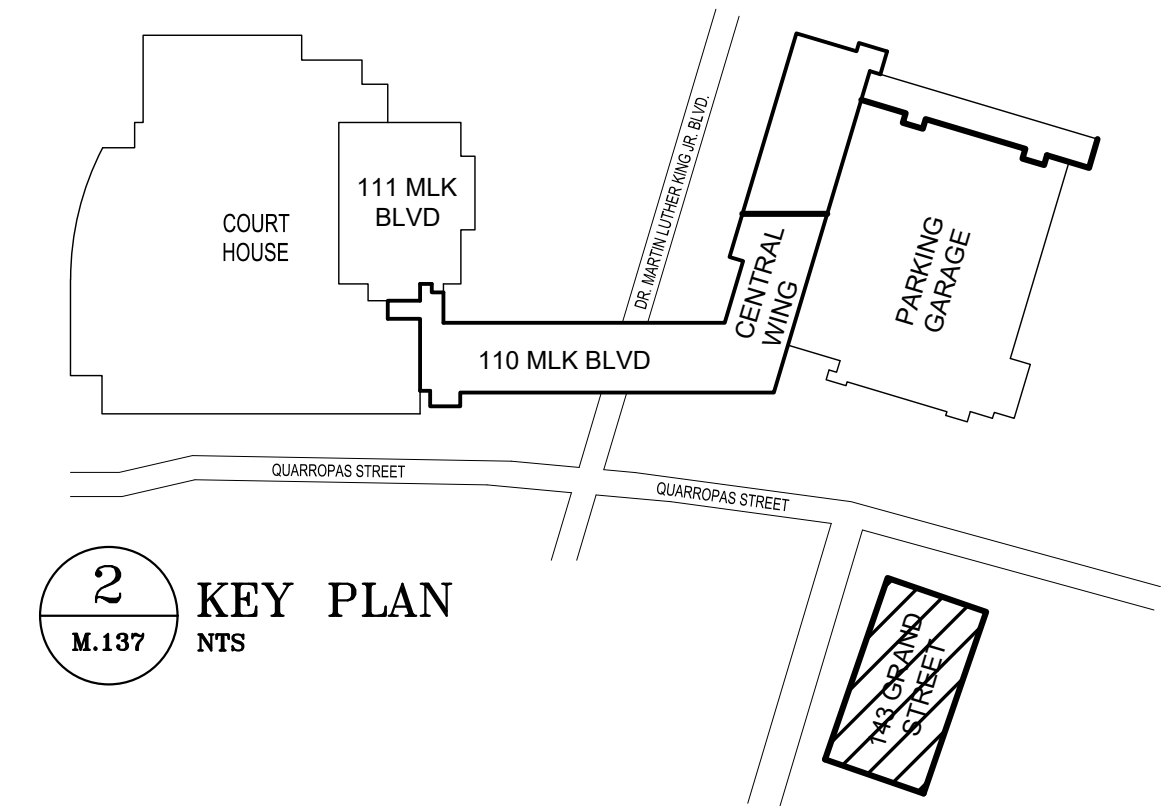
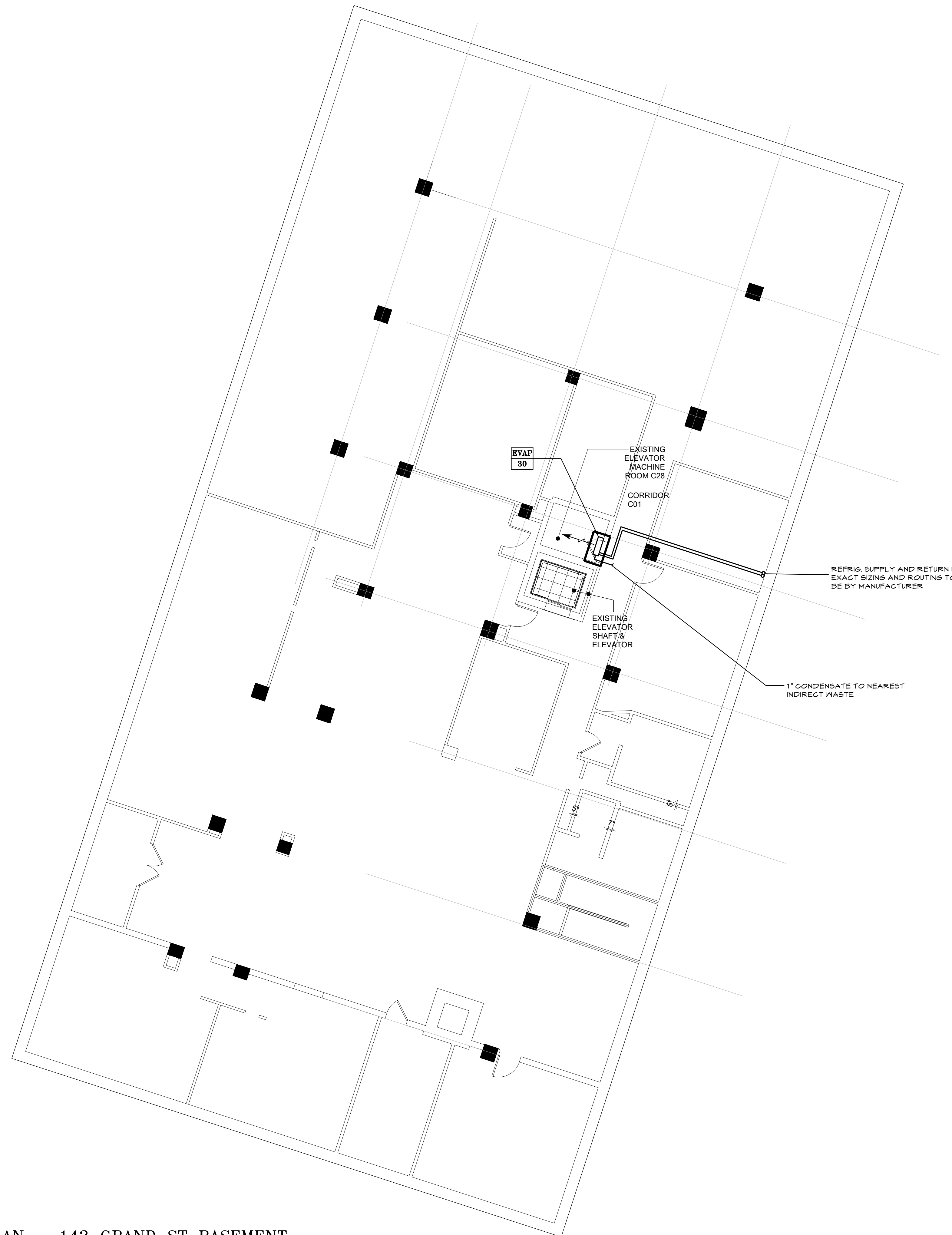


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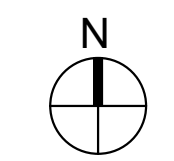
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LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: JAN 19, 2024	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	REV NO.
ROOF MECHANICAL PLAN - ELEVATOR MACHINE ROOM -		52-11-M-1908	0
111 MLK BLVD			





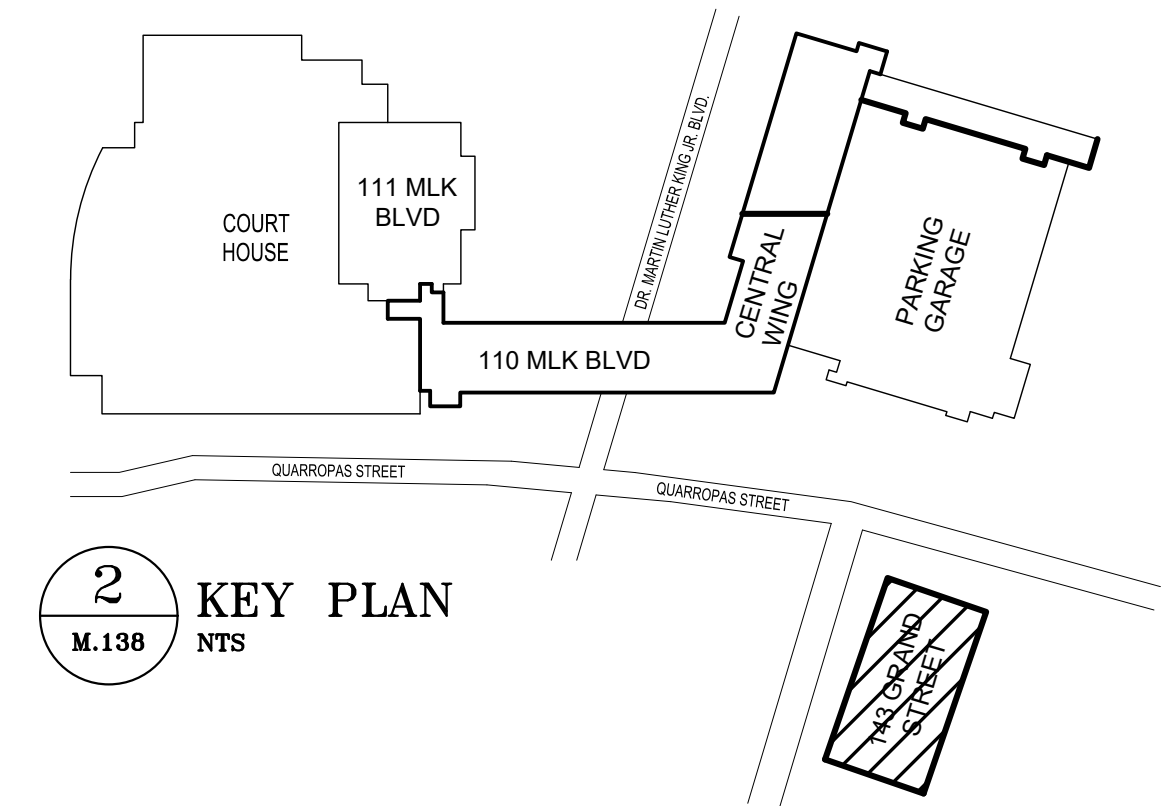
**1** MECHANICAL PLAN - 143 GRAND ST BASEMENT  
 M.137 1/8"=1'-0"



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DIVISION OF ENGINEERING		SHEET NO.	97 OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE:	AS NOTED
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE:	JAN 19, 2024
BASEMENT MECHANICAL PLAN - ELEVATOR - 143 GRAND STREET		DPW FILE NO.	52-11-M-1909
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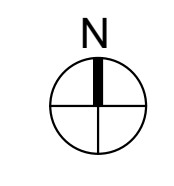


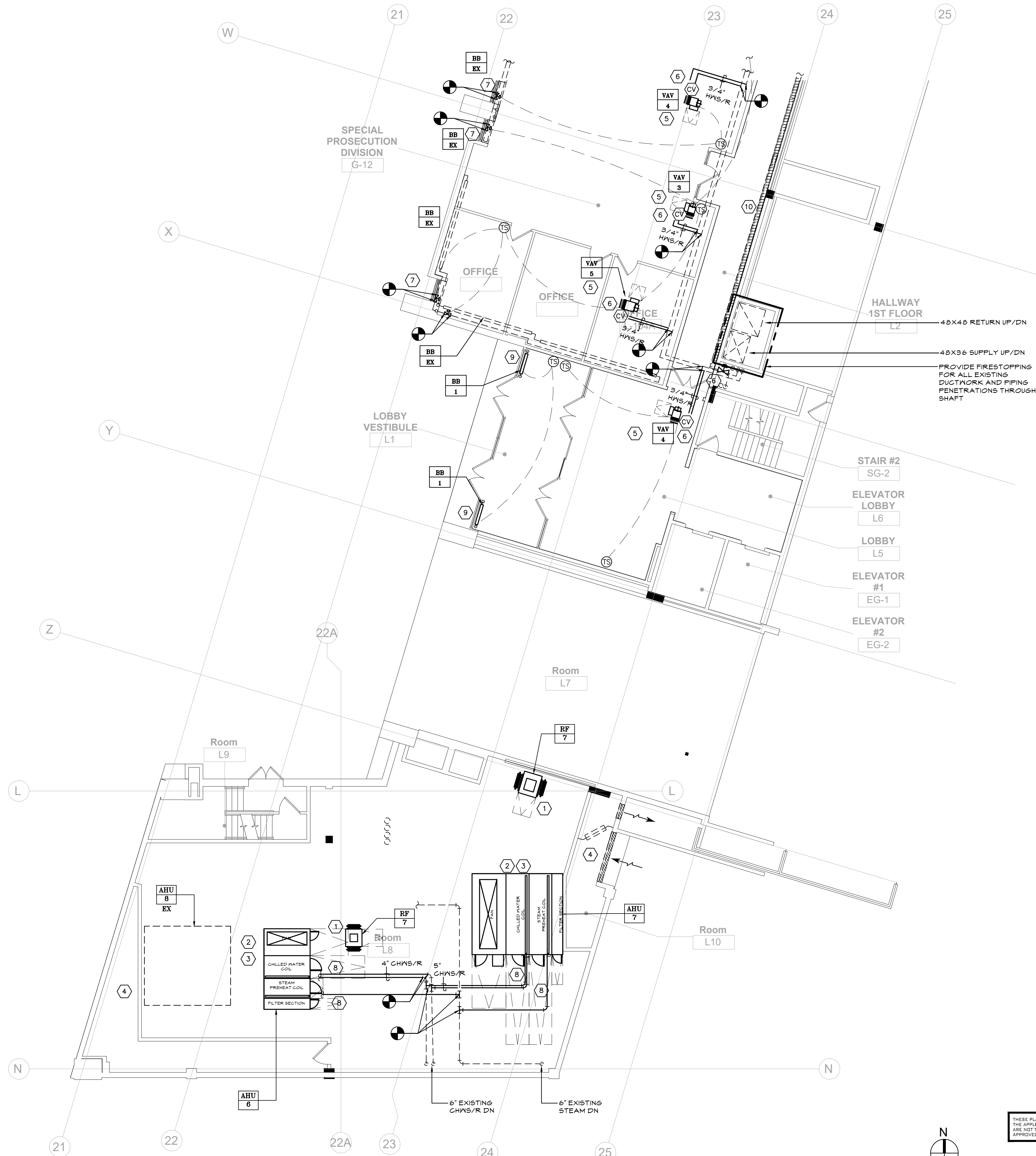
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LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601			SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO.	REV NO. 0
3RD FLOOR & ROOF MECHANICAL PLAN - 143 GRAND STREET				52-11-M-1910

**1** MECHANICAL PLAN - 143 GRAND ST 3RD FLOOR AND LOW ROOF  
 M.138 1/4"=1'-0"

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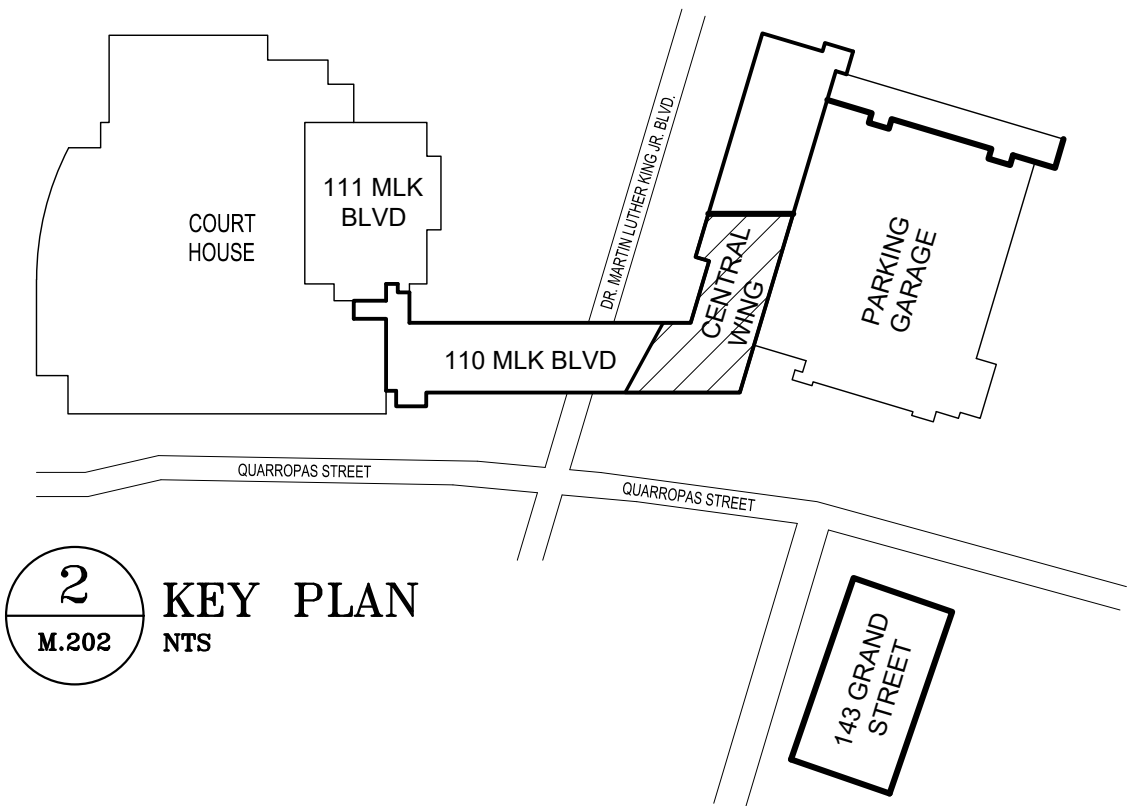




- KEY NOTES**
- 1 NEW RETURN FAN IN PLACE OF EXISTING. RECONNECT TO EXISTING DUCTWORK.
  - 2 NEW AHU IN PLACE OF EXISTING. RECONNECT TO EXISTING DUCTWORK AND PIPING.
  - 3 MODIFY EXISTING EQUIPMENT PAD AS REQUIRED TO ACCOMMODATE NEW AHU. MOUNT ON SPRING VIBRATION ISOLATORS SIMILAR TO VCM GROUP MODEL AMER-1C-520N.
  - 4 PROVIDE NEW ALD'S FOR ALL FRESH AIR DAMPERS SERVING AHU 6, 7, 4 & 8. DAMPERS TO BE SIMILAR TO GREENHECK VCD SERIES. ALL ACTUATOR TO BE BY BELIMO AND TIED INTO THE NEW BMS.
  - 5 NEW VAV IN PLACE OF EXISTING CONSTANT VOLUME REHEAT COIL.
  - 6 NEW BMS CONTROL VALVE IN PLACE OF EXISTING PNEUMATIC CONTROL VALVE. ALL ELECTRONIC VALVES SHALL BE MODULATING TYPE.
  - 7 PROVIDE NEW BMS CONTROL VALVES ON HOT WATER RETURN PIPING FOR EACH SECTION OF EXISTING FIN TUBE RADIATION. CUT BACK AND EXTEND EXISTING PIPING AS REQUIRED TO INSTALL NEW VALVES. PROVIDE ALL POWER AND CONTROL WIRING AS REQUIRED FOR A COMPLETE INSTALLATION. CONTRACTOR TO VERIFY EXISTING PIPING ROUTING IN FIELD.
  - 8 RECONNECT EXISTING CHILLED WATER/STEAM SUPPLY & RETURN PIPING TO NEW AHU. PROVIDE SHUT-OFF VALVES AT EACH CONNECTION. SEE DETAIL ON DRAWING M-020.
  - 9 NEW RADIATOR IN PLACE OF EXISTING. PROVIDE NEW ENCLOSURE TO MATCH EXISTING ENCLOSURE.
  - 10 PROVIDE NEW FIN TUBE ENCLOSURE FOR EXISTING FIN TUBE. NEW ENCLOSURE TO MATCH EXISTING.

**GENERAL NOTE**

1. ALL SHUTDOWNS TO BE PERFORMED AFTER BUILDING HOURS, 8AM-5PM HOURS TO BE COORDINATED WITH COUNTY



**1 MECHANICAL PIPING PLAN - 1ST FLOOR CENTRAL WING**  
 1/8"=1'-0"

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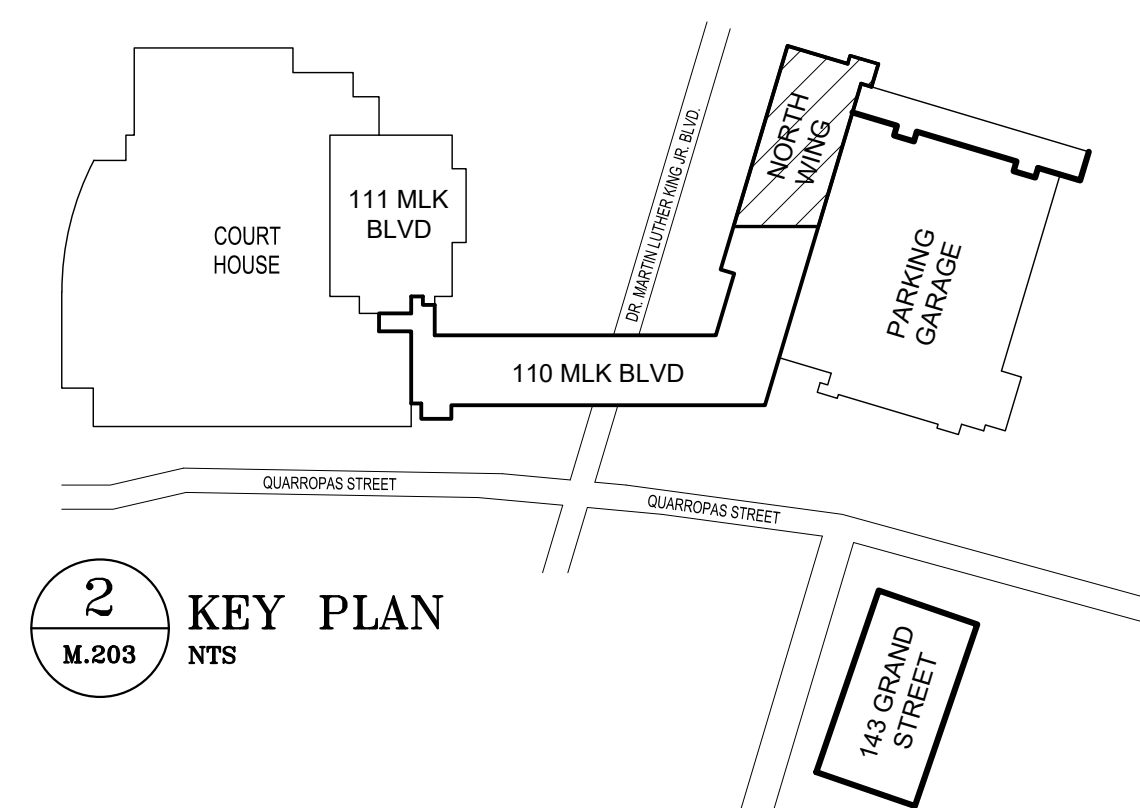
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TITLE: _____	TITLE: _____	TITLE: _____	TITLE: _____													
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER <b>M-202</b>													
DIVISION OF ENGINEERING		SHEET NO. 99 OF 133														
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED	DATE: JAN 19, 2024													
1ST FLOOR CENTRAL WING MECHANICAL PIPING PLAN		DPW FILE NO.	REV NO.													
		52-11-M-1911	0													



- ### KEY NOTES
- 1 NEW VAV IN PLACE OF EXISTING CONSTANT VOLUME REHEAT COIL.
  - 2 NEW BMS CONTROL VALVE IN PLACE OF EXISTING PNEUMATIC CONTROL VALVE. CUT EXISTING PNEUMATIC CONTROL LINES BACK TO CORRIDOR WALL AND GAP.
  - 3 PROVIDE NEW BMS CONTROL VALVES ON HOT WATER RETURN PIPING FOR EACH SECTION OF EXISTING FIN TUBE RADIATION. CUT BACK AND EXTEND EXISTING PIPING AS REQUIRED TO INSTALL NEW VALVES. PROVIDE ALL POWER AND CONTROL WIRING AS REQUIRED FOR A COMPLETE INSTALLATION. CONTRACTOR TO VERIFY EXISTING PIPING ROUTING IN FIELD.
  - 4 PROVIDE NEW FIN TUBE ENCLOSURE FOR EXISTING FIN TUBE. NEW ENCLOSURE TO MATCH EXISTING.

### GENERAL NOTE

1. ALL SHUTDOWNS TO BE PERFORMED AFTER BUILDING HOURS, 8AM-5PM. HOURS TO BE COORDINATED WITH COUNTY.

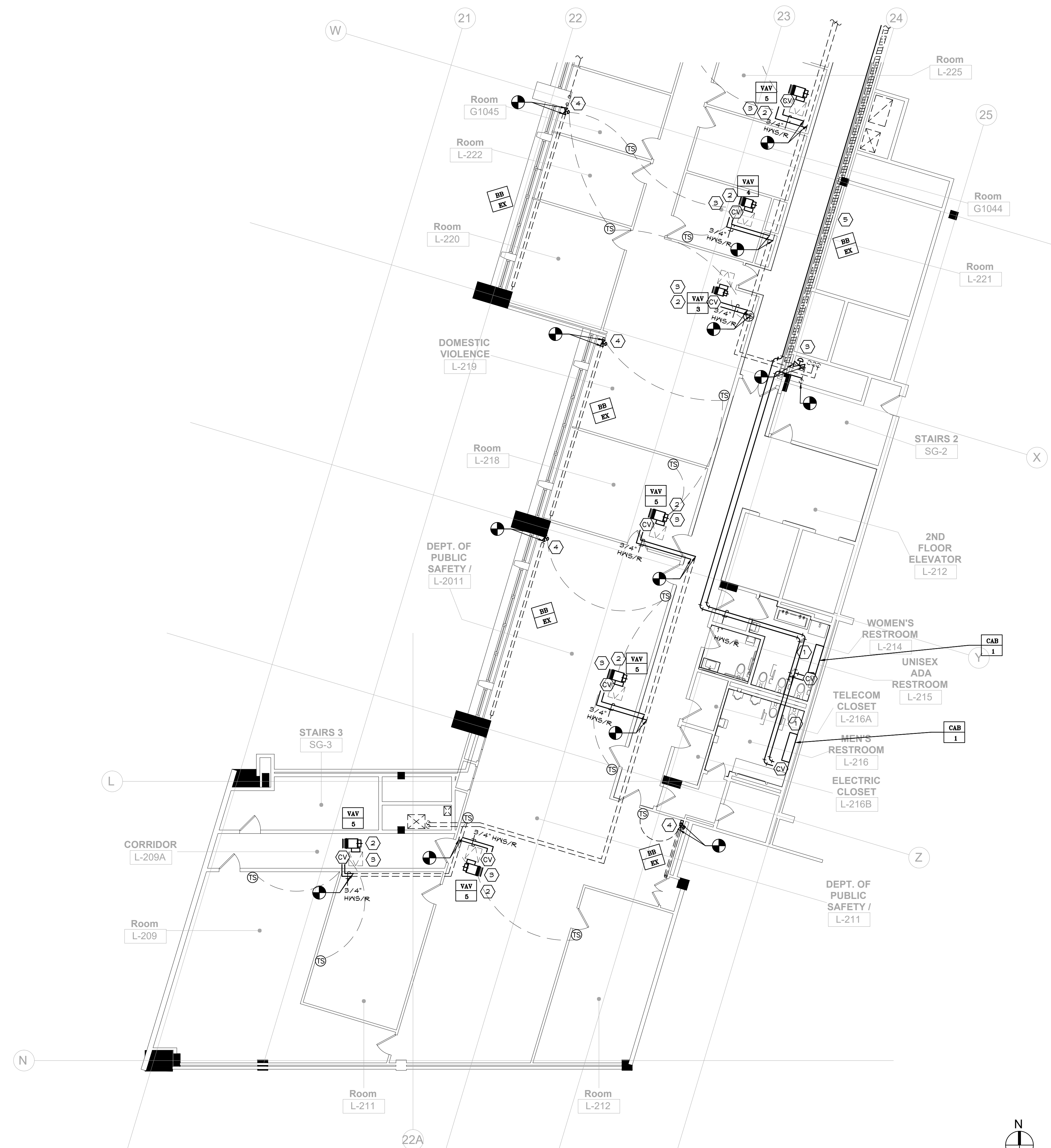


**1** MECHANICAL PIPING PLAN - 1ST FLOOR NORTH WING  
M.203 1/8"=1'-0"

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

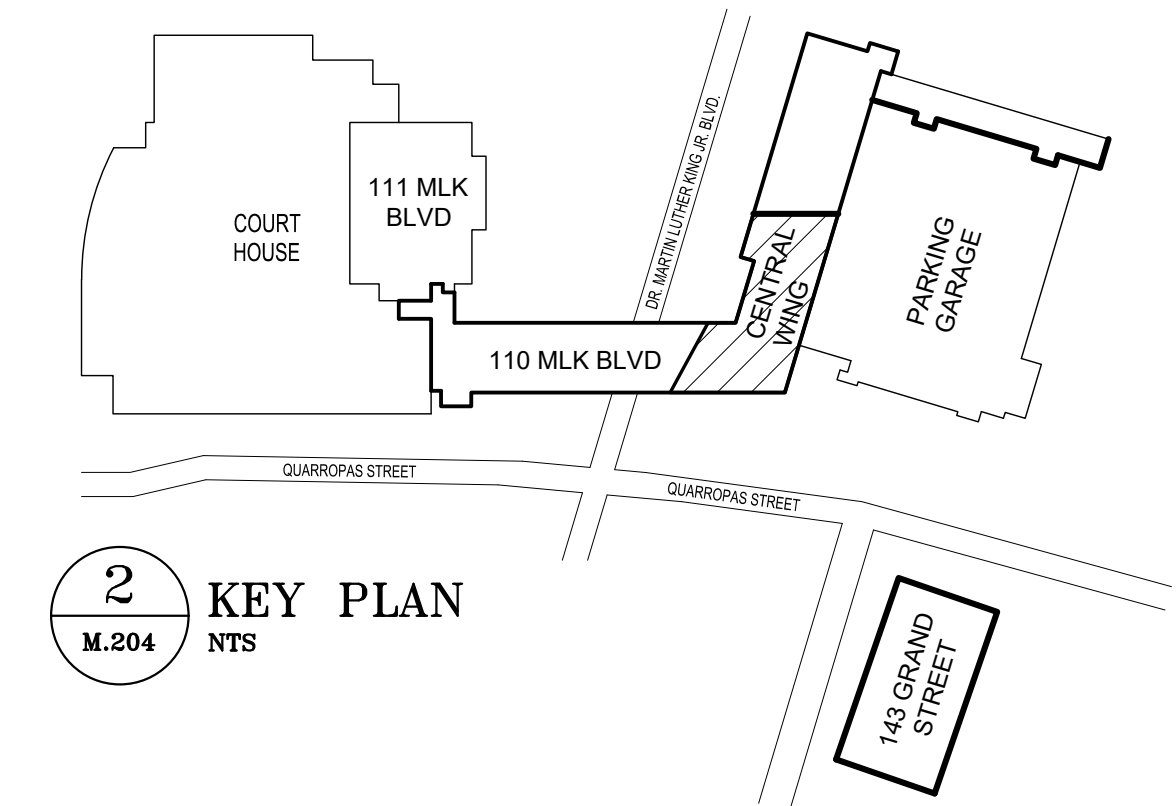
**POLISE**  
CONSULTING ENGINEERS DPC  
133 WEST 19TH STREET  
NEW YORK, NY 10011  
TEL 212.645.1002  
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CONSULTANT SEAL		CONSULTANT INFORMATION	
		<b>Graff &amp; Lewent</b> Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APP'D BY
RECORD DRAWING CERTIFICATION			
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TITLE:	DATE:	TITLE:	DATE:
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER <b>M-203</b>
DIVISION OF ENGINEERING		SHEET NO. 100 OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO.	
1ST FLOOR NORTH WING MECHANICAL PIPING PLAN		52-11-M-1912	REV NO. 0



- ### KEY NOTES
- ① NEW VAV IN PLACE OF EXISTING CONSTANT VOLUME REHEAT COIL.
  - ② NEW BMS CONTROL VALVE IN PLACE OF EXISTING PNEUMATIC CONTROL VALVE. CUT EXISTING PNEUMATIC CONTROL LINES BACK TO CORRIDOR WALL AND CAP.
  - ③ PROVIDE NEW BMS CONTROL VALVES ON HOT WATER RETURN PIPING FOR EACH SECTION OF EXISTING FIN TUBE RADIATION. CUT BACK AND EXTEND EXISTING PIPING AS REQUIRED TO INSTALL NEW VALVES. PROVIDE ALL POWER AND CONTROL WIRING AS REQUIRED FOR A COMPLETE INSTALLATION. CONTRACTOR TO VERIFY EXISTING PIPING ROUTING IN FIELD.
  - ④ PROVIDE NEW FIN TUBE ENCLOSURE FOR EXISTING FIN TUBE. NEW ENCLOSURE TO MATCH EXISTING.

- ### GENERAL NOTE
1. ALL SHUTDOWNS TO BE PERFORMED AFTER BUILDING HOURS, 8AM-5PM. HOURS TO BE COORDINATED WITH COUNTY.

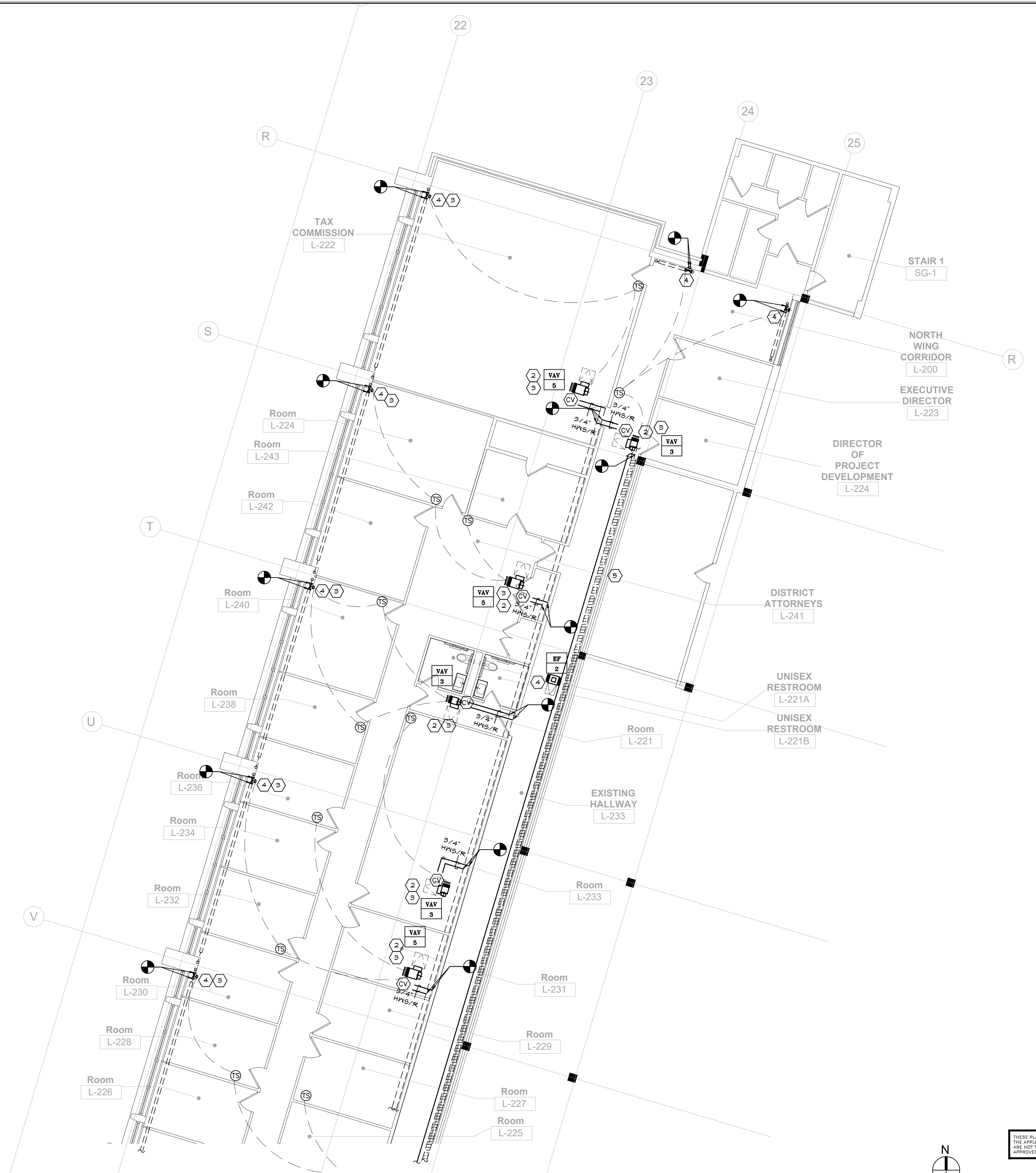


**1** MECHANICAL PIPING PLAN - 2ND FLOOR CENTRAL WING  
 M.204 1/8"=1'-0"

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

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		<b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER    DATE    MADE BY    APP'D BY    REVISION		RECORD DRAWING CERTIFICATION <input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES	
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		CONTRACT NUMBER 20-502	SHEET NUMBER <b>M-204</b> 101 OF 133
2ND FLOOR CENTRAL WING MECHANICAL PIPING PLAN		SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO.	REV NO. 0

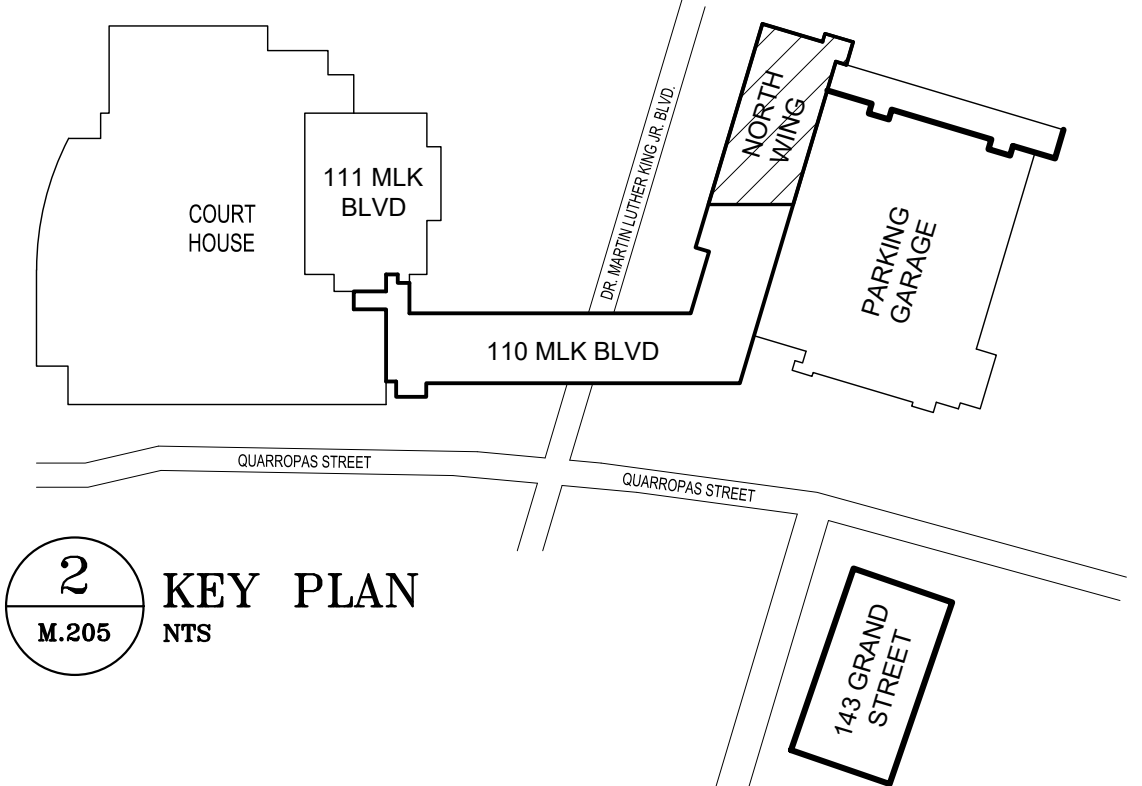


- KEY NOTES**
- ① NEW VAV IN PLACE OF EXISTING CONSTANT VOLUME REHEAT COIL.
  - ② NEW BMS CONTROL VALVE IN PLACE OF EXISTING PNEUMATIC CONTROL VALVE. CUT EXISTING PNEUMATIC CONTROL LINES BACK TO CORRIDOR MALL AND CAP.
  - ③ PROVIDE NEW BMS CONTROL VALVES ON HOT WATER RETURN PIPING FOR EACH SECTION OF EXISTING FIN TUBE RADIATION. CUT BACK AND EXTEND EXISTING PIPING AS REQUIRED TO INSTALL NEW VALVES. PROVIDE ALL POWER AND CONTROL WIRING AS REQUIRED FOR A COMPLETE INSTALLATION. CONTRACTOR TO VERIFY EXISTING PIPING ROUTING IN FIELD.
  - ④ PROVIDE NEW FIN TUBE ENCLOSURE FOR EXISTING MALL TO WALL FIN TUBE. NEW ENCLOSURE TO MATCH EXISTING. PROVIDE ACCESS DOOR AT NEW ENCLOSURE IF REQUIRED.

**GENERAL NOTE**

1. ALL SHUTDOWNS TO BE PERFORMED AFTER BUILDING HOURS, 8AM-5PM HOURS TO BE COORDINATED WITH COUNTY

**1** MECHANICAL PIPING PLAN - 2ND FLOOR NORTH WING  
 M.205 1/8"=1'-0"



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

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		<b>Graff &amp; Lewent</b> Architects LLP	
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	M-205
DIVISION OF ENGINEERING		SHEET NO. 102 OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: JAN 19, 2024	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	
2ND FLOOR NORTH WING MECHANICAL PIPING PLAN		52-11-M-1914	REV NO. 0

SYMBOL LIST (SEE SPECIFICATIONS FOR MANUFACTURER/MODEL # U.O.N.)		
OUTLETS		
DEVICE	DESCRIPTION	NOTES/ CONDUIT ROUTING
	WALL DUPLEX RECEPTACLE	R <sup>1</sup> INDICATES RELOCATED DEVICE TO BE REPLACED WITH NEW DEVICE AND WALL PLATE (BACKBOX/WIRING RELOCATED) F <sup>1</sup> INDICATES DEVICE IS INSTALLED IN FURNITURE SYSTEM
	GFI TYPE RECEPTACLE	M <sup>1</sup> INDICATES DEVICE IS INSTALLED IN MILL/WORK
	WALL QUAD RECEPTACLE	NEMA 5-20R UNLESS OTHERWISE NOTED
	WALL SIMPLEX RECEPTACLE	FURNITURE SYSTEM DEVICES TO BE FURNISHED BY SYSTEM MANUFACTURER
	FURNITURE MOUNTED DUPLEX RECEPTACLE	
	FURNITURE MOUNTED QUAD RECEPTACLE	
	DUPLEX RECEPTACLE CEILING MOUNTED	
	FURNITURE MOUNTED VOICE/DATA OUTLET	DO NOT RUN LINE VOLTAGE WIRING PARALLEL TO LOW VOLTAGE
	DATA/VOICE OUTLET	FURNITURE SYSTEM DEVICES TO BE FURNISHED BY SYSTEM MANUFACTURER
	DATA FLOOR OUTLET	COORDINATE WITH IT/SECURITY VENDOR FOR ANY SPECIAL REQUIREMENTS.
	DATA OUTLET	4-1/2" X 4-1/2" X 2-1/2" DEEP BACK BOX WITH SINGLE GANG COVER PLATE. NO BACK BOX IF INDICATED AS INSTALLED IN WIREMAY OF FURNITURE SYSTEM.
	FLUSH MOUNTED WALL PHONE	
	SURFACE MOUNTED SINGLE PORT TV OUTLET	PROVIDE ALLOWANCE FOR RUNNING EMPTY IT CONDUIT FROM IT CLOSETS TO WORKSTATIONS AND DATA OUTLETS IN SPACE. IT REQUIREMENTS SHALL BE PROVIDED IN FUTURE BY IT CONSULTANT.
	SURFACE MOUNTED FLOOR BOX QUAD RECEPTACLE WITH POWER AND COMMUNICATION DEVICES	1" CONDUIT FOR POWER 1-1/4" CONDUIT FOR LOW VOLTAGE 1-1/4" CONDUIT FOR A.V. P.C./CONV. INDICATES QUAD RECEPTACLE WITH (1) DUPLEX PC RECEPTACLE AND (1) DUPLEX CONVENIENCE RECEPTACLE.
	POWER FEEDS SERVING FURNITURE AND WHIP TO FURNITURE SYSTEM	1" CONDUIT FOR POWER 1-1/4" CONDUIT FOR LOW VOLTAGE PROVIDE FLEXIBLE METAL CONDUIT FOR FURNITURE FEED WHIP
	POWER POLE (PROVIDED BY OTHERS)	
	CARD READER	EXTEND 1-1/4" EG FROM DEVICE TO IT ROOM SERVING SPACE. (SPECIFIED BY OTHERS). PROVIDE JUNCTION BOX FOR CAMERA, WIRE TO NEAREST IT CLOSET COORDINATE WITH IT/SECURITY VENDOR FOR ANY SPECIAL REQUIREMENTS
	CAMERA	

ABBREVIATIONS			
ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
A	AMPS	KVA	KILOVOLT-AMPERES
AC	AIR CONDITIONING	KM	KILOMATT
AD	ACCESS DOOR	KMH	KILOMATT-HOURS
AFF	ABOVE FINISHED FLOOR	LTG	LINE VOLTAGE
ALD	AUTOMATIC LOUVER DAMPER	LV	LOW VOLTAGE
AUTO	AUTOMATIC	MCB	MAIN CIRCUIT BREAKER
B	WITH BYPASS	MCC	MOTOR CONTROL CENTER
BLDG	BUILDING	MCM	THOUSAND CIRCULAR MILLS
BMS	BUILDING MANAGEMENT SYSTEM	MCH	MECHANICAL
BPS	BOLTED PRESSURE SWITCH	MISC	MISCELLANEOUS
C	CONDUIT	M.L.O.	MAIN LUGS ONLY
CKT	CIRCUIT	N	NEUTRAL
CLK	CLOCK	N/C	NORMALLY CLOSED
CM	CIRCULAR MIL	NEC	NATIONAL ELECTRIC CODE
CLG	CEILING	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
CO	COMPANY	NIC	NOT IN CONTRACT
CONV	CONVENIENCE	NL/EMB	FIXTURE WITH BATTERY PACK ON NIGHT LIGHTING CIRCUIT
CR	CARD READER	NL/EM	NIGHT LIGHT FIXTURE WIRED TO EMERGENCY POWER ON NIGHT LIGHTING CIRC.
CT	CURRENT TRANSFORMER	N/O	NORMALLY OPEN
CU	CUBIC	P	POLES
DB	DISTRIBUTION BOARD	PB	PULL BOX
DF	DRINKING FOUNTAIN	PC	PERSONAL COMPUTER
DIA	DIAMETER	PH	PHASE
DP	DISTRIBUTION PANEL	PL	PILOT LIGHT
DS	PROPRIETARY TO DIMMING SYSTEM	PLB	PLUMBING
DWG	DRAWING	PNL	PANEL
EA	EACH	PT	POKE THRU
EG	EMPTY CONDUIT	R	RELOCATED
ELEC	ELECTRICAL	RC	REMOTE CONTROL
ELEV	ELEVATOR	RD	ROLL UP DOOR
EM	FIXTURE WIRED TO EMERGENCY POWER	RF	RAISED FLOOR
EMB	FIXTURE WITH 90 MIN. BATTERY PACK	SPEGS	SPEAKERS
EP	EXPLOSION PROOF	SPKLR	SPEAKER
EX	EXISTING	STD	STANDARD
F	INDICATES INTEGRAL FURNITURE SYSTEM	SW	SWITCH
FA	FIRE ALARM	SMBD	SWITCHBOARD
FB	FIRE ALARM FLOOR BOX	TMR.	TRANSFORMER
FCC	FIRE COMMAND CENTER	TV	TELEVISION
FT	FEET	TYP	TYPICAL
GFI	GROUND FAULT INTERRUPTING	UFD	UNDERFLOOR DUCT
G	GROUND	U	UNFUSED
HC	HUNG CEILING	U/ON	UNLESS OTHERWISE NOTED
HP	HORSEPOWER	V	VOLTS
HTS	HEATING	VP	VAPOR PROOF
HVAC	HEATING, VENTILATING & AIR CONDITIONING	W	WIRE
IG	ISOLATED GROUND	WP	WEATHER PROOF
IN	INCHES	WT	WIRE TROUGH
JB	JUNCTION BOX	WN	WIRELESS

SYMBOL LIST		
BOXES, EQUIPMENT, & RACEWAYS		
DEVICE	DESCRIPTION	NOTES/ CONDUIT ROUTING
	SURFACE MOUNTED WIREMAY	ALUMINUM WIREMAY WITH SEPARATE LOW AND LIVE VOLTAGE SECTIONS
	"N" INDICATES NUMBER OF EMPTY CONDUITS "X" INDICATES SIZE OF EMPTY CONDUITS.	
	PULL BOX	
	JUNCTION BOX	
	DISCONNECT SWITCH INDICATES SWITCH SIZE (Amps) INDICATES FUSE SIZE OR UNFUSED (I) SPECIAL (M.P. ETC.) NO. OF POLES	
	NEW PANEL BOARDS	
	SOLID LINEWORK INDICATES NEW DEVICE/ITEM	
	DASHED LINEWORK INDICATES EXISTING DEVICE/ITEM	
	DASHED LINEWORK WITH HATCH INDICATES EXISTING DEVICE/ITEM TO BE DEMOLISHED	
	COPPER GROUND BAR	
	TRANSFORMER	
	TRANSIENT VOLTAGE SURGE SUPPRESSION	
	STARTER/CONTROLLER	FOR MOUNTING AND WIRING BY ELECTRICAL CONTRACTOR FURNISHED BY OTHERS
	VARIABLE-FREQUENCY DRIVE	FOR MOUNTING AND WIRING BY ELECTRICAL CONTRACTOR FURNISHED BY OTHERS
	CIRCUIT HOMERUN TO PANEL INDICATED. NUMBER OF ARROW HEADS INDICATES NUMBER OF BRANCH POLES TO BE WIRING TO A SINGLE POLE 20A CIRCUIT BREAKER WITH 2# 12-6 WISE NOTED (1H, 1N, 1G).	XY INDICATES CIRCUIT WIRED TO ASSOCIATED RECEPTACLE IN WIREMAY OR FURNITURE SYSTEM. SINGLE ARROW CIRCUIT TO BE WIRING TO A SINGLE POLE 20A CIRCUIT BREAKER WITH 2# 12-6 WISE NOTED (1H, 1N, 1G).
	MOTOR - NUMBER INDICATES HORSE POWER. LETTER INDICATES SHADE MOTOR TYPE	
	WIRE TO DEVICE/EQUIPMENT	
	CONDUIT CHOPPED IN FLOOR	
	CONDUIT RUN AT FLOOR BELOW	
	POINT OF UTILITY ENTRY	

BRANCH CIRCUITING SIZES				
BREAKER	NO. OF POLES			
	1- POLE	2- POLE	3- POLE	
15A	2 # 12 # 12 6-3/4" C	3 # 12 # 12 6-3/4" C	4 # 12 # 12 6-3/4" C	
20A	2 # 12 # 12 6-3/4" C	3 # 12 # 12 6-3/4" C	4 # 12 # 12 6-3/4" C	
30A	2 # 10 # 10 6-3/4" C	3 # 10 # 10 6-3/4" C	4 # 10 # 10 6-3/4" C	
40A	2 # 8 # 10 6-1" C	3 # 8 # 10 6-1" C	4 # 8 # 10 6-1" C	
50A	2 # 8 # 10 6-1" C	3 # 8 # 10 6-1" C	4 # 8 # 10 6-1" C	
60A	2 # 6 # 10 6-1" C	3 # 6 # 10 6-1" C	4 # 6 # 10 6-1" C	

NOTES:  
1. CIRCUIT SIZES BASED ON 75'-0" LENGTH FROM LOAD TO PANEL BOARD, FOR LONGER BRANCH CIRCUITS.  
2. ALL SIZES BASED ON COPPER CONDUCTORS.  
3. CIRCUITS TO HAVE FULL SIZE GROUND CONDUCTOR.  
4. ALL CIRCUITS TO BE INSTALLED IN 3/4" UNLESS OTHERWISE NOTED.  
5. COMBINING OF NEUTRALS NOT PERMITTED.  
6. GROUNDS MAY ONLY BE COMBINED ON GENERAL CONVENIENCE CIRCUITS.  
7A. 2#X INDICATES 1H IN FOR 1 POLE CIRCUITS  
2#X INDICATES 2H ON FOR 2 POLE CIRCUITS  
7B. 3#X INDICATES 2H IN FOR 2 POLE CIRCUITS  
3#X INDICATES 3H ON FOR 3 POLE CIRCUITS  
7C. 4#X INDICATES 3H IN FOR 3 POLE CIRCUITS

SYMBOL LIST		
LIGHTING CONTROL DEVICES		
DEVICE	DESCRIPTION	NOTES
	2 BUTTON MANUAL CONTROL SWITCH WITH ON/OFF	
	2 BUTTON MANUAL CONTROL DIMMER SWITCH WITH ON/OFF	LOWER CASE SUBSCRIPTS DENOTES LIGHTING CONTROL ZONE
	COMBINATION SENSOR SWITCH	*OS* INDICATES OCCUPANCY SENSOR *VS* INDICATES VAGANCY SENSOR
	COMBINATION SENSOR SWITCH WITH DIMMER	*OS* INDICATES OCCUPANCY SENSOR *VS* INDICATES VAGANCY SENSOR
	CEILING MOUNTED VAGANCY SENSOR	
	CEILING MOUNTED OCCUPANCY SENSOR	
	CEILING MOUNTED DAYLIGHT SENSOR	
	LIGHTING CONTROL SYSTEM HUB FOR TIME CLOCK CONTROL	
	CORNER MOUNTED OCCUPANCY SENSOR	
	CORNER MOUNTED VAGANCY SENSOR	
	ROOM CONTROLLER / LOAD CONTROLLER 0-10V DIMMING	FOR ZONES WITH 0-10V DIMMABLE LIGHT FIXTURES
	UL-924 LISTED AUTOMATIC LOAD CONTROL RELAY	PROVIDE (1) FOR EACH EM ZONE TO BYPASS CONTROLS

NOTES:  
REFER TO LIGHTING CONTROL NARRATIVE AND LIGHTING CONTROL SYSTEM DETAILS ON DWG E-020 FOR ADDITIONAL INFORMATION. LIGHTING CONTROLS SHALL COMPLY WITH NYC ECCC 2020. POWER PACKS AND LOAD CONTROLLERS ARE NOT SHOWN ON LIGHTING PLANS. CONTRACTOR SHALL PROVIDE POWER PACKS OR LOAD CONTROLLERS AS REQUIRED TO MEET CONTROL INTENT. COORDINATE BILL OF MATERIALS WITH LIGHTING CONTROL SYSTEM VENDOR PRIOR TO BID AND SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION. FIXTURES DENOTED WITH SUBSCRIPT "EM" SHALL BE WIRED VIA UL-924 LISTED AUTOMATIC LOAD CONTROL RELAYS UNLESS OTHERWISE NOTED. NO LOWER CASE SUBSCRIPTS ARE PROVIDED FOR ROOMS OR AREAS WITH SINGLE LIGHTING CONTROL ZONES. EXTEND WIRING FROM POWER PACK OR LOAD CONTROLLER TO ALL LIGHTS WITHIN THE ROOM OR AREA. ALL GANGED DEVICES TO BE PROVIDED WITH ONE CONTINUOUS FACEPLATE.

DRAWING-ISSUE LIST													
Sheet #	Latest DOB	Rev. #	Sheet Title	2022.09.03	100%	2022.09.03	100%	2022.02.15	RESPONSE TO MESCHESTER COMMENTS	2022.09.04	RESPONSE TO MESCHESTER COUNTY COMMENTS	2023.11.01	RESPONSE TO MESCHESTER COUNTY COMMENTS
E-010	.00		SYMBOLS, ABBREVIATIONS, SCHEDULES AND NOTES	X	X	X	X	X	X	X	X	X	X
E-020	.00		DETAILS	X	X	X	X	X	X	X	X	X	X
E-030	.00		PANEL SCHEDULE AND RISER DIAGRAM	X	X	X	X	X	X	X	X	X	X
E-040	.00		ELECTRICAL PLAN - BOILER ROOM	X	X	X	X	X	X	X	X	X	X
E-044	.00		ELECTRICAL PLAN - GRILLER PLANT	X	X	X	X	X	X	X	X	X	X
E-102	.00		ELECTRICAL PLAN - 1ST FLOOR CENTRAL WING	X	X	X	X	X	X	X	X	X	X
E-103	.00		ELECTRICAL PLAN - 1ST FLOOR NORTH WING	X	X	X	X	X	X	X	X	X	X
E-104	.00		ELECTRICAL PLAN - 2ND FLOOR CENTRAL WING	X	X	X	X	X	X	X	X	X	X
E-105	.00		ELECTRICAL PLAN - 2ND FLOOR NORTH WING	X	X	X	X	X	X	X	X	X	X
E-106	.00		ELECTRICAL PART PLAN - ROOF	X	X	X	X	X	X	X	X	X	X
E-130	.00		ELECTRICAL PLAN - BASEMENT LEVEL 3 CENTRAL WING ELEVATOR - 110	X	X	X	X	X	X	X	X	X	X
E-133	.00		ELECTRICAL PLAN - COURT HOUSE JUDGE'S ELEVATOR - 111 MLK BLVD	X	X	X	X	X	X	X	X	X	X
E-135	.00		ELECTRICAL PLAN - COURT HOUSE ROOF - 111 MLK BLVD	X	X	X	X	X	X	X	X	X	X
E-137	.00		ELECTRICAL PLAN - 143 GRAND STREET BASEMENT	X	X	X	X	X	X	X	X	X	X
E-138	.00		ELECTRICAL PLAN - 143 GRAND STREET 3RD FLOOR AND LOW ROOF	X	X	X	X	X	X	X	X	X	X
E-202	.00		ELECTRICAL LIGHTING PLAN - 1ST FLOOR CENTRAL WING	X	X	X	X	X	X	X	X	X	X
E-203	.00		ELECTRICAL LIGHTING PLAN - 1ST FLOOR NORTH WING	X	X	X	X	X	X	X	X	X	X
E-204	.00		ELECTRICAL LIGHTING PLAN - 2ND FLOOR CENTRAL WING	X	X	X	X	X	X	X	X	X	X
E-205	.00		ELECTRICAL LIGHTING PLAN - 2ND FLOOR NORTH WING	X	X	X	X	X	X	X	X	X	X

GENERAL NOTES	
1.	SEE AV/IT/SECURITY DRAWINGS AND/OR DOCUMENTATION FOR POWER, LOW VOLTAGE EMPTY CONDUIT, DEVICES, AND CABLE TRAY REQUIREMENTS AS APPLICABLE.
2.	SEE MECHANICAL DRAWINGS FOR LOCATIONS OF THERMOSTATS, TEMPERATURE SENSORS, PRESSURE SENSORS ETC. PROVIDE 1" EG FROM EACH DEVICE TO ACCESSIBLE HUNG CEILING AREA.
3.	EXISTING ELECTRICAL EQUIPMENT IS BEING MAINTAINED. PERFORM PREVENTATIVE MAINTENANCE ON EQUIPMENT AS FOLLOWS: 4.1. TIGHTEN ALL BOLTS 4.2. CLEAN INSIDE OF ALL EQUIPMENT 4.3. REPLACE ALL FUSES/CIRCUIT BREAKERS 4.4. MEGGER TEST COPPER BUSSES

ELECTRICAL CABLE SCHEDULE	
1.	LINE VOLTAGE WIRING TO BE THHN AND THWN TYPE OR THWN-2 IN WET/DAMP LOCATIONS.
2.	EXCEPT FOR NON POWER LIMITED FIRE ALARM WIRING, ALL WIRING IN EXPOSED AREAS TO BE INSTALLED IN "MC" TYPE CONDUIT RACEWAY.
3.	EXCEPT FOR NON POWER LIMITED FIRE ALARM WIRING, ALL WIRING IN ALL OTHER AREAS TO BE RUN AS "MC" TYPE CABLING.
4.	CLASS 2 AND CLASS 3 WIRING MAY NOT BE RUN IN SAME RACEWAY AS POWER OR CLASS 1 WIRING.

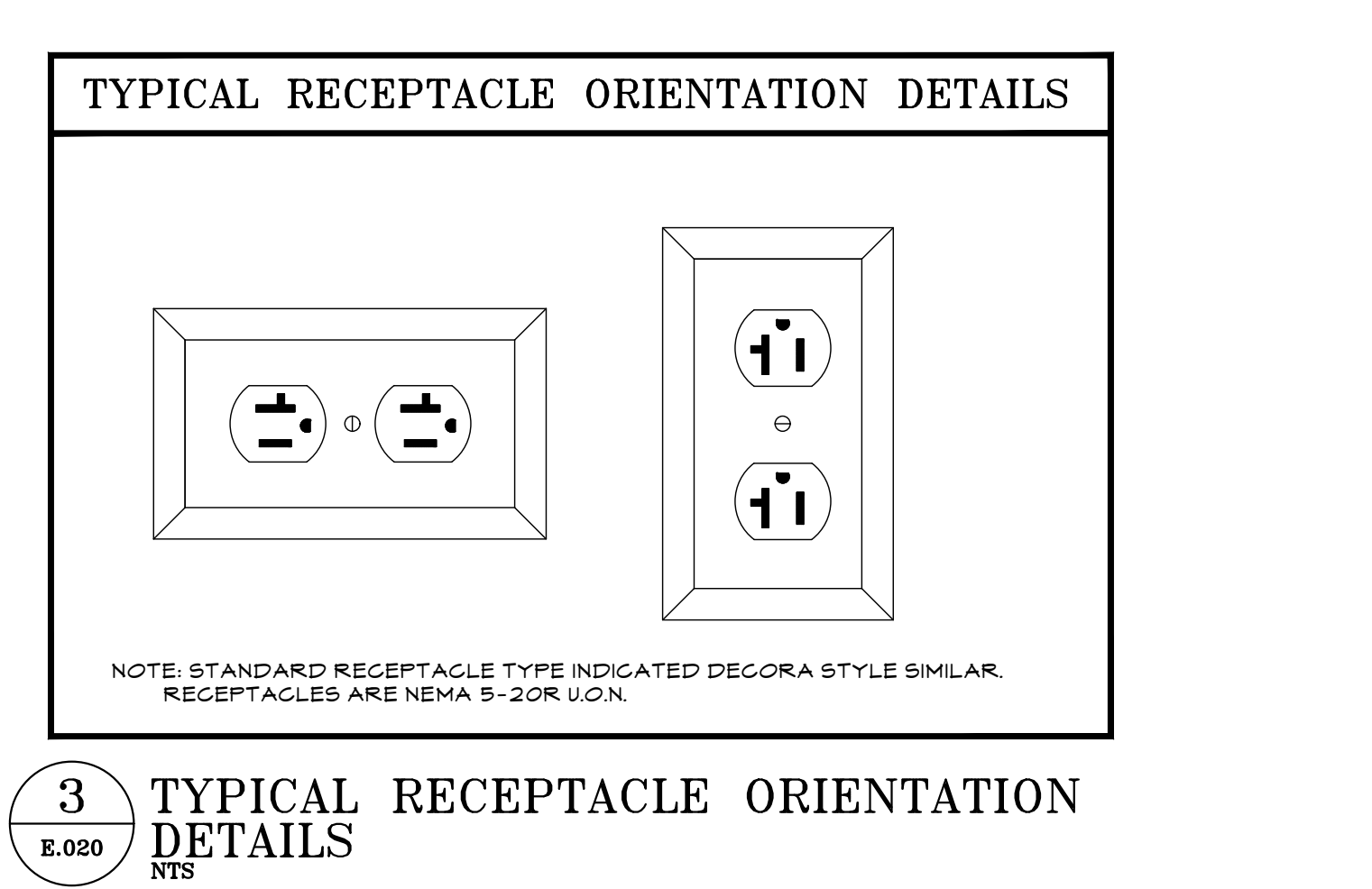
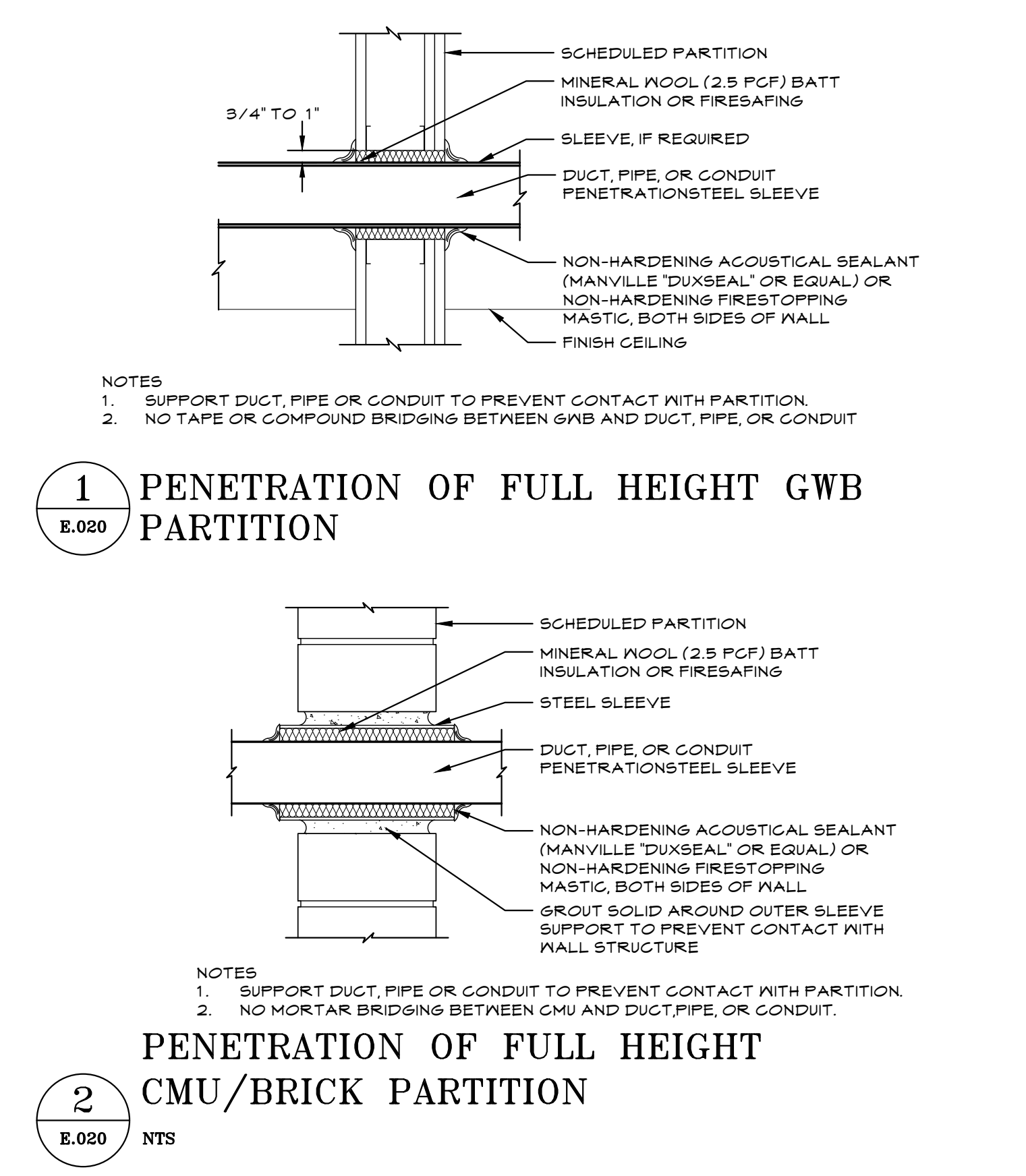
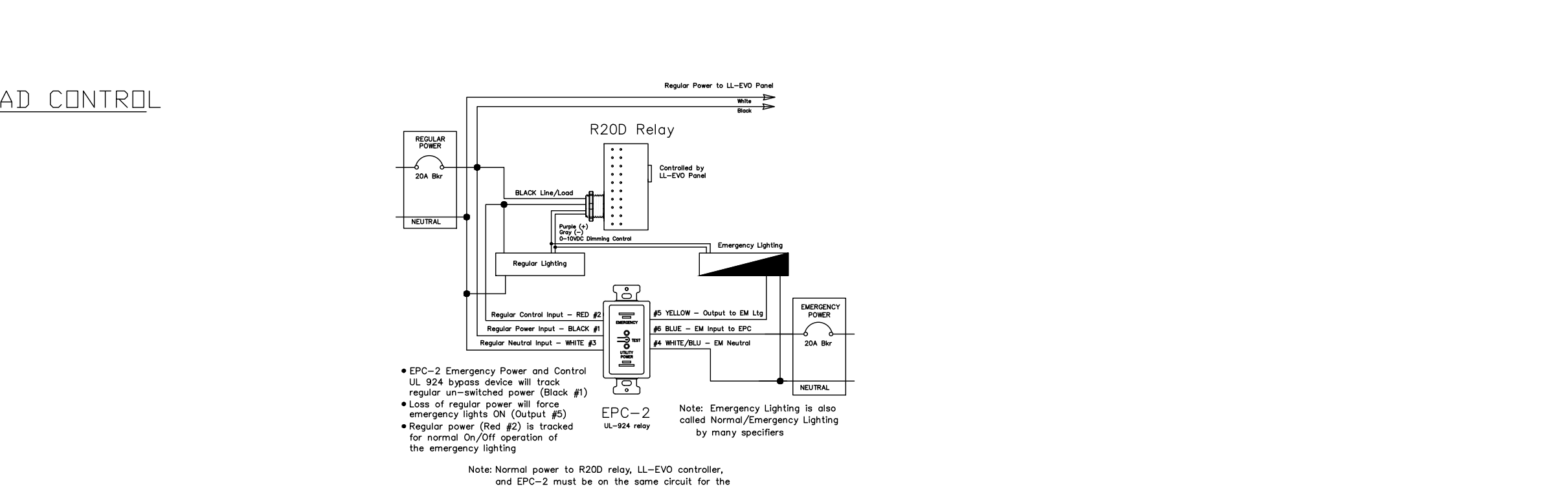
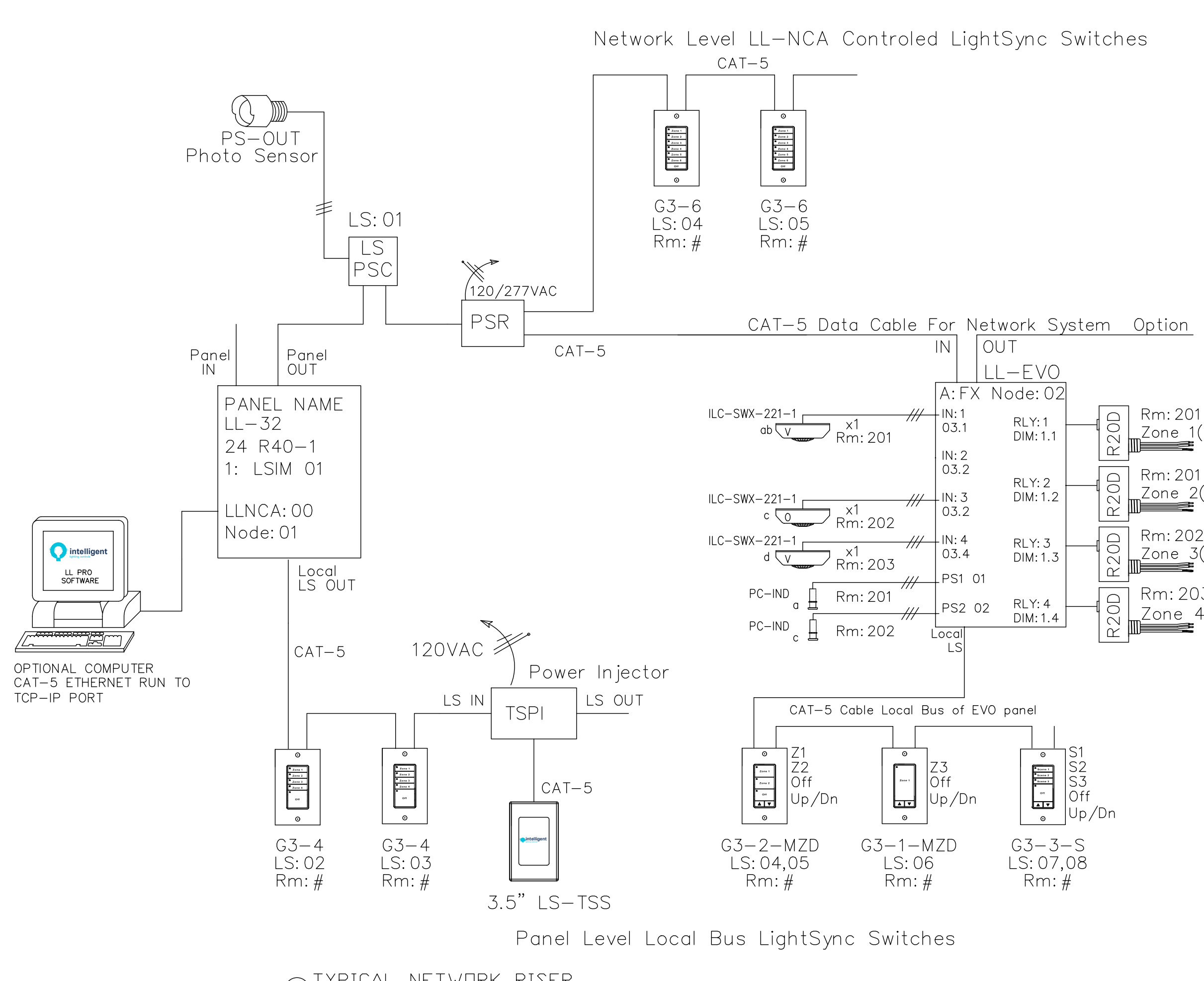
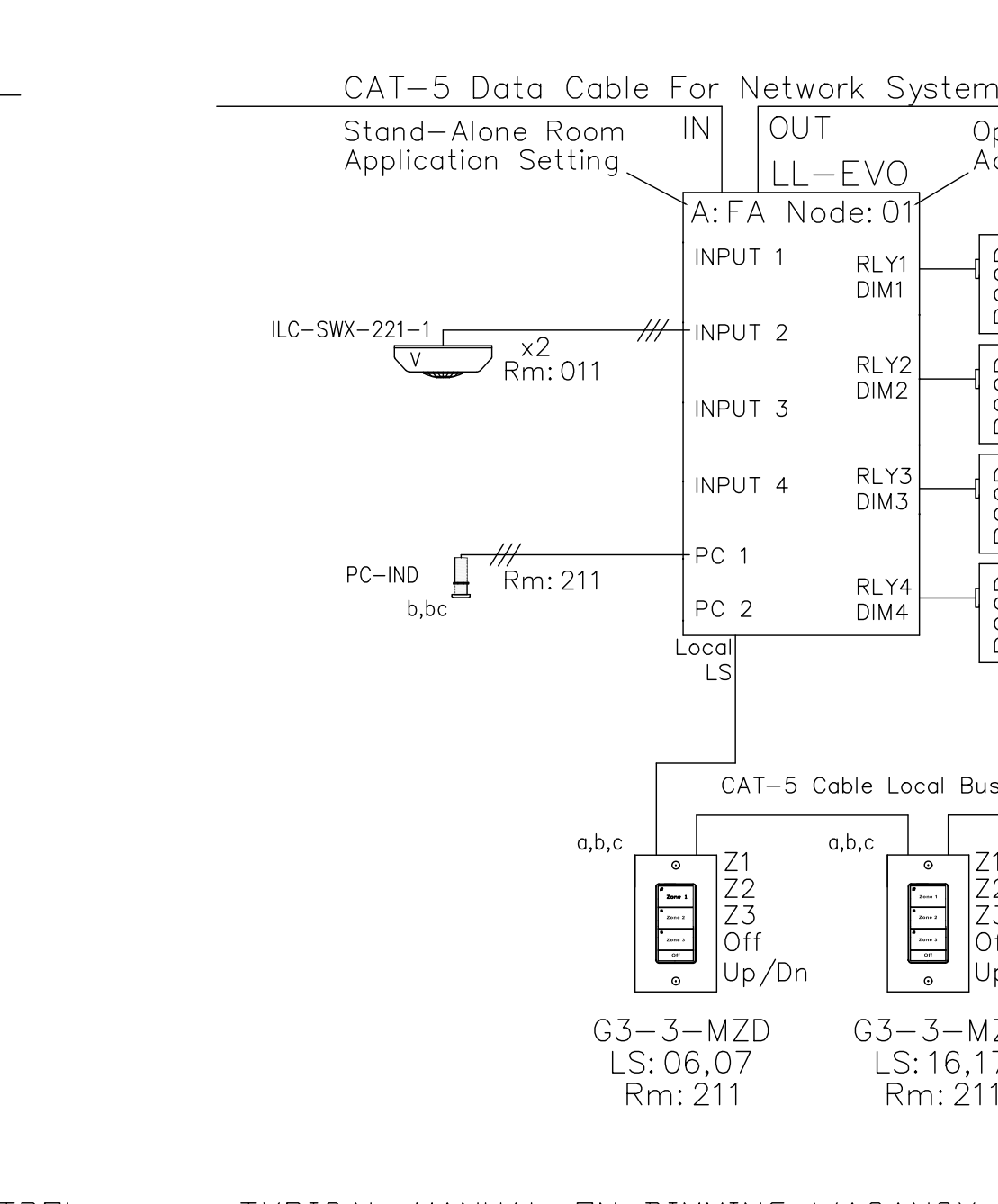
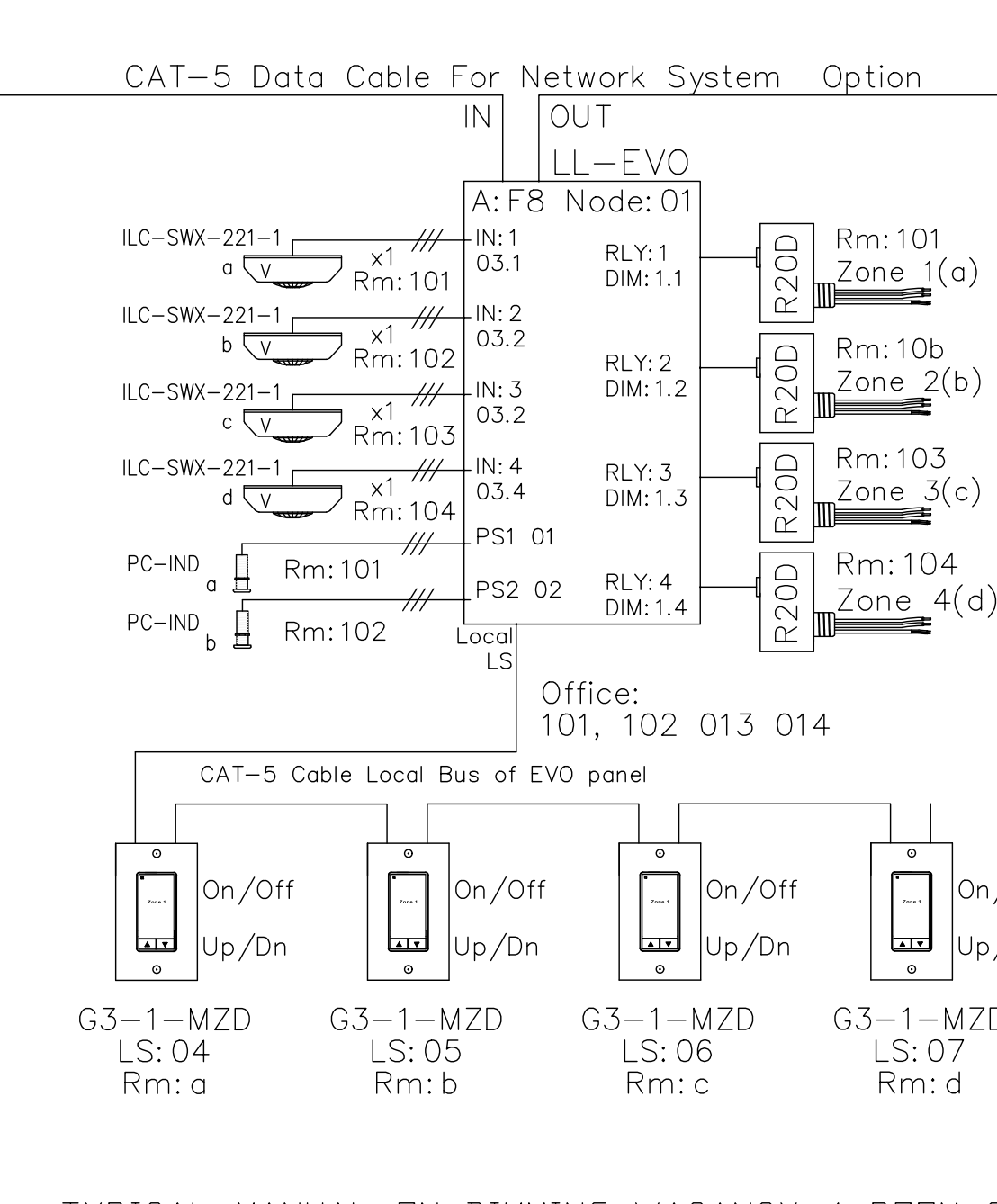
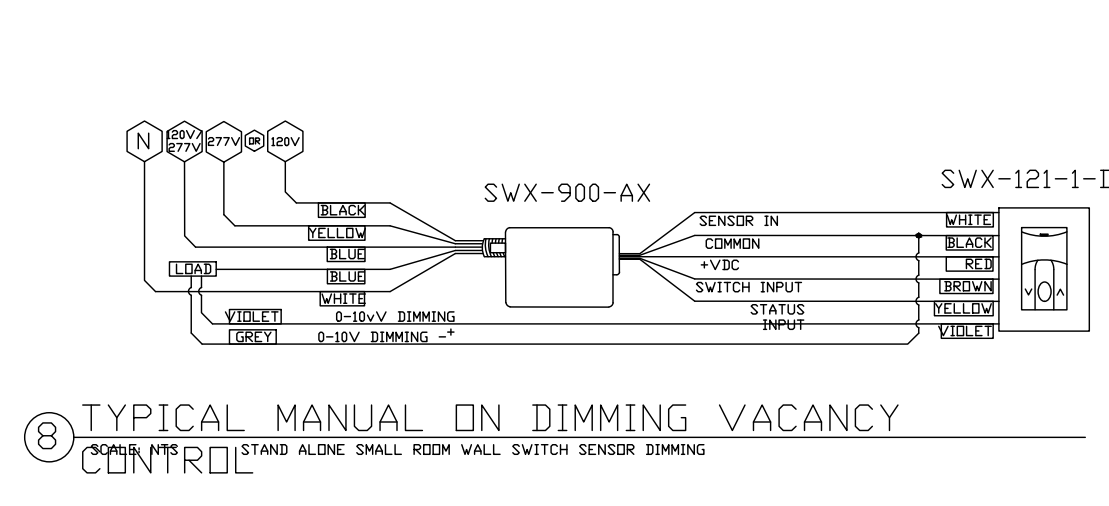
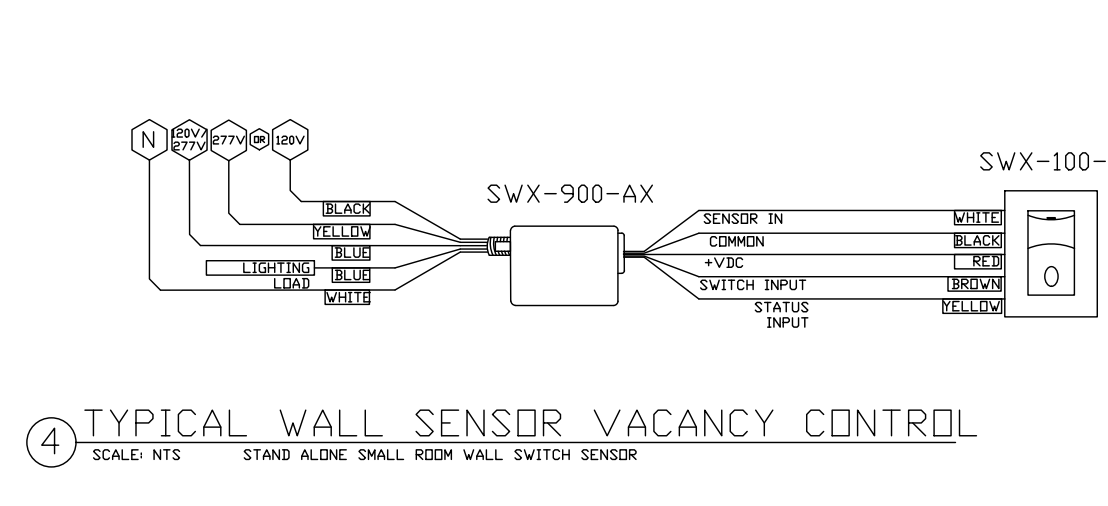
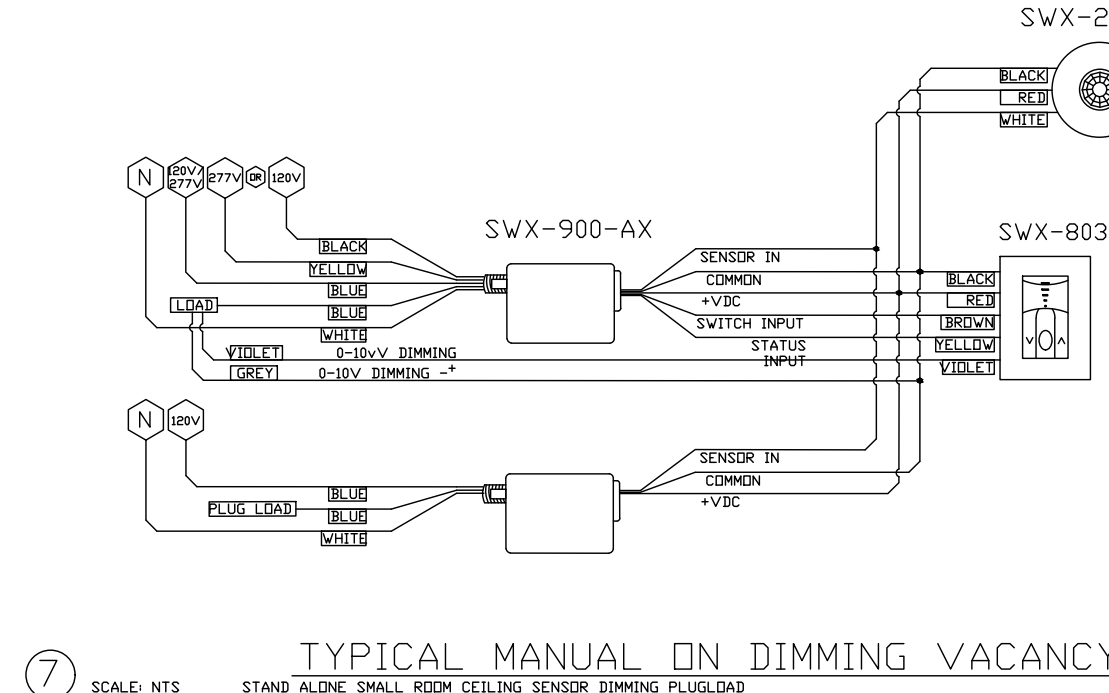
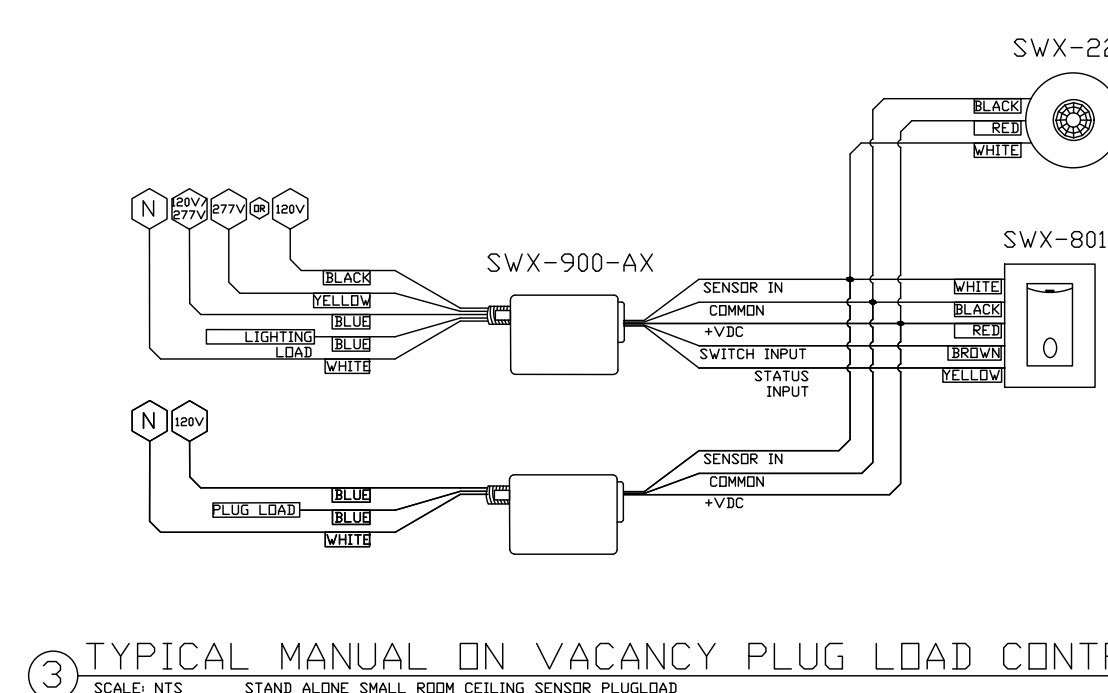
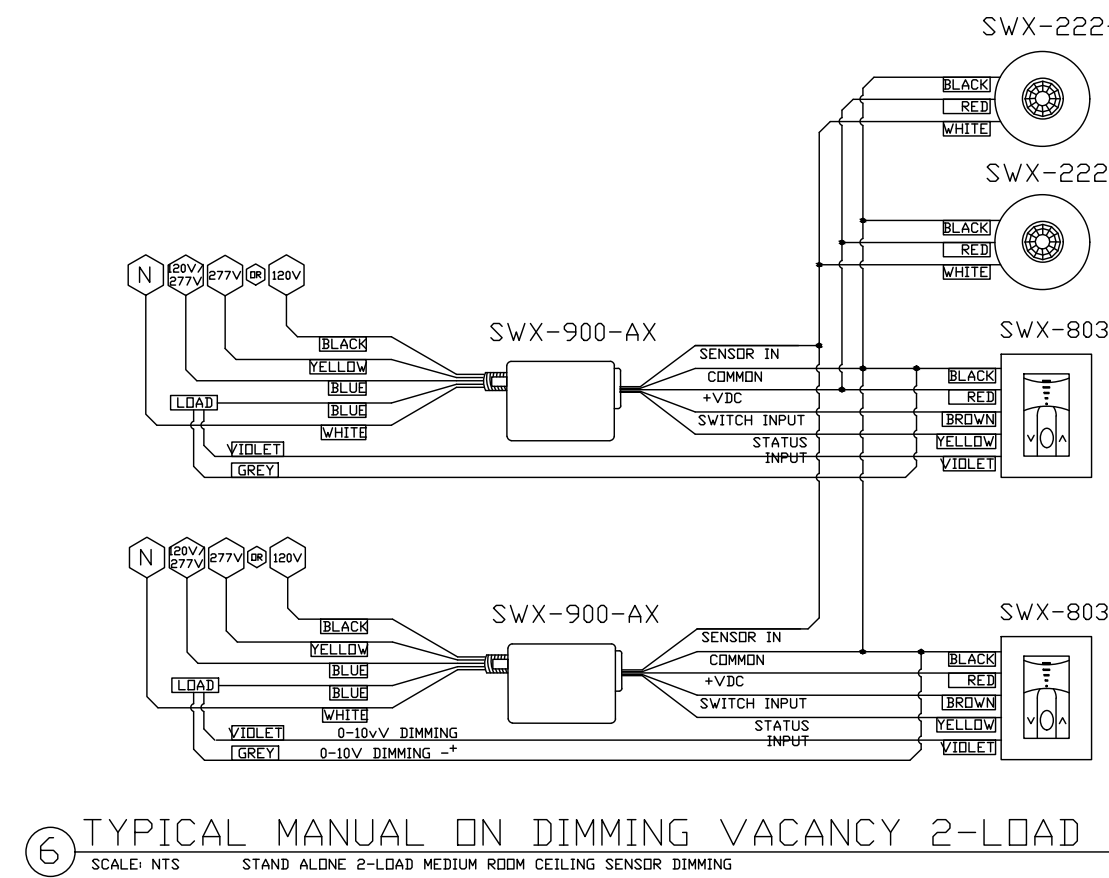
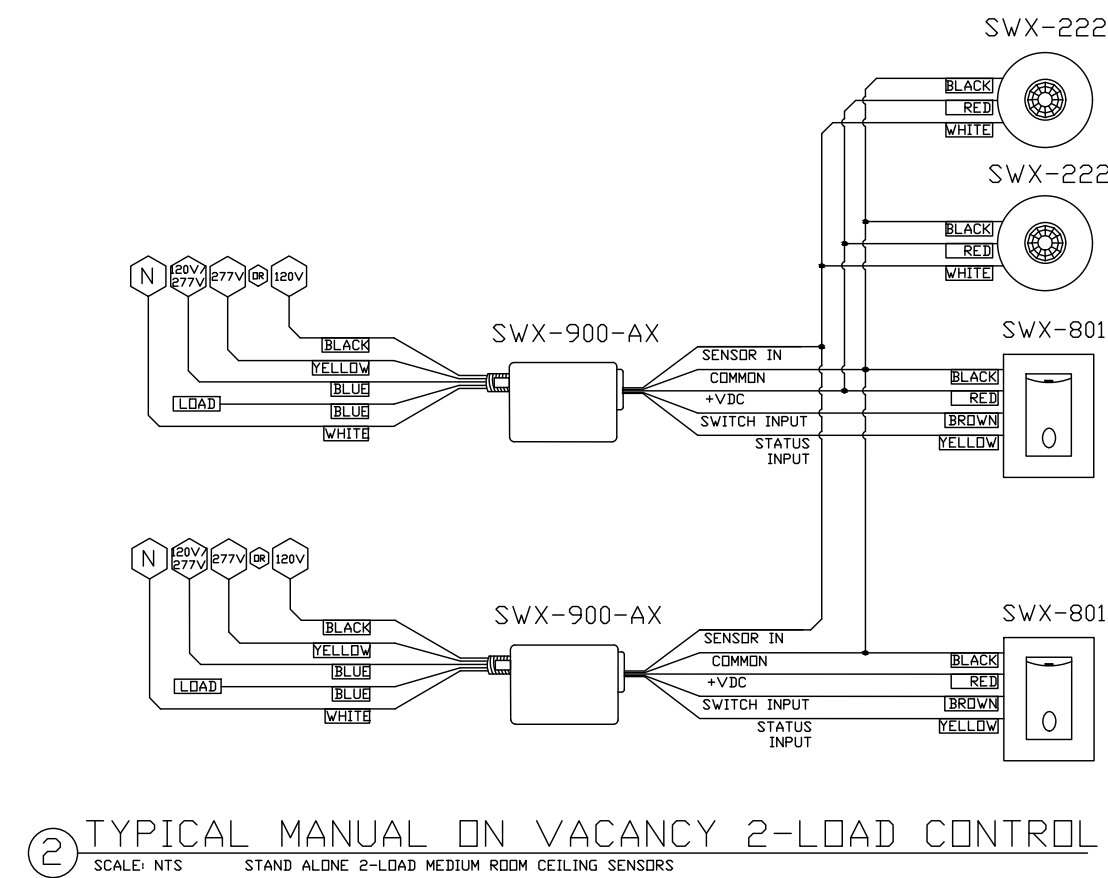
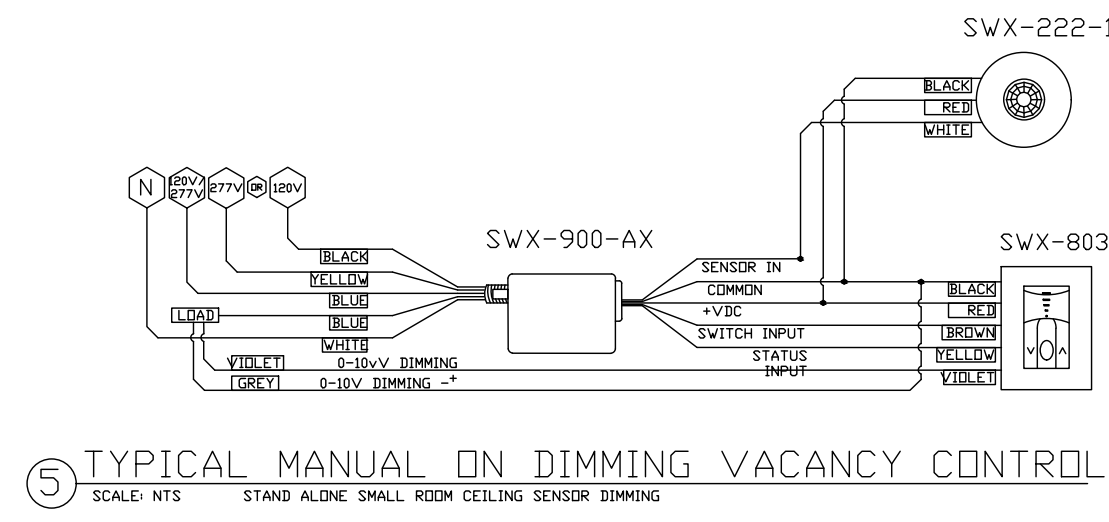
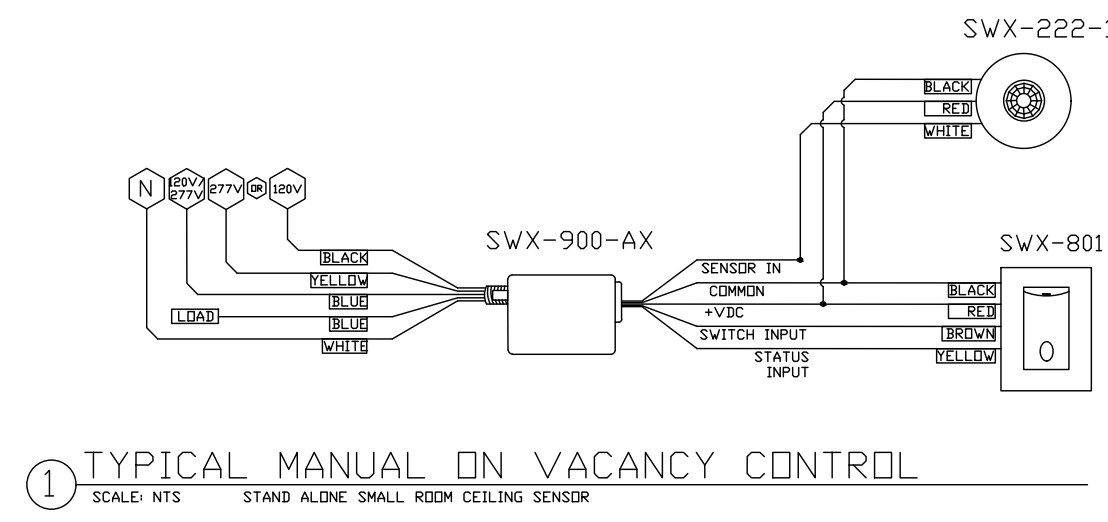
DEMOLITION NOTES	
1.	ALL WIRING, CIRCUITRY, BACK BOXES, AND CONDUIT WITHIN SCOPE OF WORK AREA THAT EXCLUSIVELY SERVES PROJECT SCOPE IS TO BE DEMOLISHED. WIRING IS TO BE REMOVED BACK TO RESPECTIVE CIRCUIT BREAKERS. NO WIRING (POWER, LOW VOLTAGE, ETC.) SHALL BE ABANDONED.
2.	PROVIDE TEMPORARY LIGHTING IN SCOPE OF WORK AREA. PROVIDE NEW BRANCH CIRCUITS FROM EXISTING PANELBOARDS AS REQUIRED TO MAINTAIN CONTINUITY OF LIGHTING.
3.	TAG AND TRACE ALL EXISTING CIRCUITS WHICH SERVE ADJACENT OCCUPIED SPACES. LABEL ALL CIRCUITS AND MAINTAIN CONTINUITY AS REQUIRED.
4.	CONTRACTOR SHALL FIELD SURVEY AND BE FAMILIARIZED WITH EXISTING CONDITIONS PRIOR TO BID SUBMISSION.
5.	REFER TO ARCHITECTURAL, MECHANICAL, AND PLUMBING DEMOLITION DRAWINGS FOR OTHER DEMOLITION REQUIREMENTS AND COORDINATE WITH TRADES ACCORDINGLY.
6.	REMOVE ALL TEMPORARY FEEDERS AND ELECTRICAL DEVICES USED FOR LIGHTING, HEATING, SECURING SPACE ETC.
7.	PROVIDE TEMPORARY POWER, AS REQUIRED FOR ALL "EXISTING TO REMAIN" CIRCUITS DURING THE COURSE OF DEMOLITION. RESTORE PERMANENT POWER UPON COMPLETION OF DEMOLITION PHASE.
8.	EXISTING FIRE ALARM SYSTEM TO REMAIN IN OPERATION THROUGH-OUT DEMOLITION AND CONSTRUCTION. DO NOT REMOVE ANY EXISTING FIRE ALARM DEVICES UNTIL NEW FIRE ALARM DEVICES ARE INSTALLED AND FULLY OPERATIONAL.
9.	ALL TELEPHONE CABLES AND STRIP CABINETS TO BE REMOVED FROM THE SITE BY THE ELECTRICAL CONTRACTOR.
10.	DISCONNECT AND REMOVE ALL EXISTING FLOOR ELECTRIC AND TELEPHONE OUTLETS AND GAP WITH PLATE. MAINTAIN CONTINUITY AND PROTECT ALL CONDUIT AND CABLING FEEDING ANY ACTIVE FLOOR DEVICES ON THE FLOOR ABOVE VIA POKE-THRU'S, FLOOR BOXES OR CONDUIT STUBS.
11.	ALL LIFE SAFETY WIRING AND PANELS, INCLUDING SPEAKERS, ALARMS AND EMERGENCY LIGHTS, ARE TO REMAIN AS INSTALLED AND OPERATING. PROVIDE TEMPORARY SUPPORTS AS REQUIRED.
12.	ALL WIRING, CIRCUITING, BACK BOXES, AND CONDUIT WITHIN SCOPE OF WORK AREA SERVING OTHER TENANT SPACES, BUILDING COMMON AREAS, OR OTHER PLACES ARE TO BE MAINTAINED. CUT BACK AND EXTEND THESE CIRCUITS AS REQUIRED TO MAINTAIN POWER CONTINUITY AS REQUIRED TO SUIT NEW SPACE LAYOUT AND CEILING HEIGHTS.

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DIVISION OF ENGINEERING				SHEET NUMBER E-010
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601				SCALE: AS NOTED DATE: JAN 19, 2024 DW FILE NO.
SYMBOLS, ABBREVIATIONS, SCHEDULES AND NOTES				REV NO. 0

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9 TYPICAL MANUAL ON DIMMING VACANCY 4-ROOM CONTROL  
SCALE: NTS  
STAND ALONE CONTROLLER OR NETWORKED SYSTEM

10 TYPICAL MANUAL ON DIMMING VACANCY 3-ZONE CLASS ROOM CONTROL  
SCALE: NTS  
STAND ALONE CONTROLLER OR NETWORKED SYSTEM

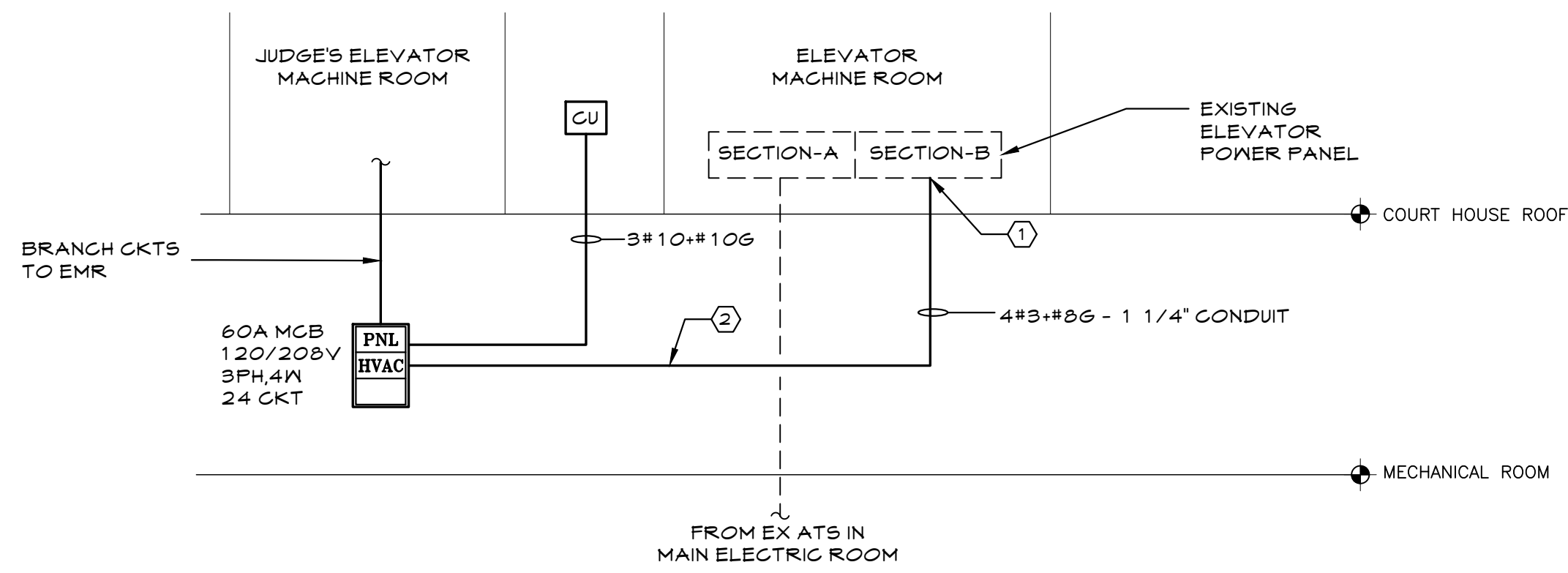
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DETAILS		52-11-E-1916	REV NO. 0



PNL-HVAC																			
VOLTS L-N 120 V				BUS: 125 A				NEMA: 1											
VOLTS PH. 208 V				PANEL: 60A M.C.B				KAIC: 65											
FEEDER: SEE RISER				WIRE: 4				MOUNTING: SURF											
CKT. NUM	NUM	C.B.	LOAD	LOAD	FEEDER	VA	VA	VA	DESCRIPTION	CKT. NUM	NUM	C.B.	FEEDER	VA	VA	VA	DESCRIPTION	LOAD	LOAD
NUM	POLE	AMPS	CON.	TYPE	SIZE	A	B	C		NUM	POLE	AMPS	SIZE	A	B	C		CON.	TYPE
1	2	30	1872	7	3#10+#10G	1872			SPLIT SYSTEM	2	1	20	-	0	0	0	SPARE	-	-
3	1	20	1872	7						4	1	20	-	0	0	0	SPARE	-	-
5	1	20	180	2	2#12+#12G			180	RECEPTACLE	6	1	20	-	0	0	0	SPARE	-	-
7	1	20	180	2	2#12+#12G	180			RECEPTACLE	8	1	20	-	0	0	0	SPARE	-	-
9	1	20	200	2	2#12+#12G			200	ALD	10	1	20	-	0	0	0	SPARE	-	-
11	1	20	-	-	-			0	SPARE	12	1	20	-	0	0	0	SPARE	-	-
13	1	20	-	-	-	0		0	SPARE	14	1	20	-	0	0	0	SPARE	-	-
15	1	20	-	-	-	0		0	SPARE	16	1	20	-	0	0	0	SPARE	-	-
17	1	20	-	-	-	0		0	SPARE	18	1	20	-	0	0	0	SPARE	-	-
19	1	20	-	-	-	0		0	SPARE	20	1	20	-	0	0	0	SPARE	-	-
21	1	20	-	-	-	0		0	SPARE	22	1	20	-	0	0	0	SPARE	-	-
23	1	20	-	-	-	0		0	SPARE	24	1	20	-	0	0	0	SPARE	-	-
CONNECTED										DEMAND									
1). LIGHTING										0									
2). RECEPTACLES										0									
a. First 10,000 Watts @ 100%										100									
b. Load greater than 10,000 Watts @ 50%										50									
Receptacle total load										560									
3). MISCELLANEOUS										0									
4). HEAT										0									
5). KITCHEN										0									
6). MOTORS										0									
a. Largest motor load @ 125%										125									
b. Additional loads at @ 100%										100									
Total Motor load										0									
7). HVAC										3744									
										ACTUAL CONNECTED LOAD 4304 VA									
										TOTAL ESTIMATED DEMAND LOAD 4304 VA									
										ACTUAL CONNECTED LOAD 11.95 AMPS									
										TOTAL ESTIMATED DEMAND LOAD 11.95 AMPS									
										SPARE BREAKER CAPACITY 22.62%									
										NOTE:									
										ALL LOAD CALCULATION ARE BASED ON CURRENT NEC VERSION AND ASSOCIATED LOCAL AMENDMENTS.									
										** NEXT TO CIRCUIT NUMBER INDICATES GFCI TYPE CIRCUIT BREAKER									

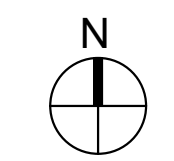


1 PARTIAL RISER DIAGRAM  
E.030 1/8" = 1'-0"

**KEY NOTES**

1) PROVIDE 60A/3P CIRCUIT BREAKER TO FEED PNL-HVAC. PNL-HVAC WILL SERVE AS A SOURCE FOR ALL EQUIPMENT/DEVICES LOCATED IN COURT HOUSE ROOF ELEVATOR MACHINE ROOM.

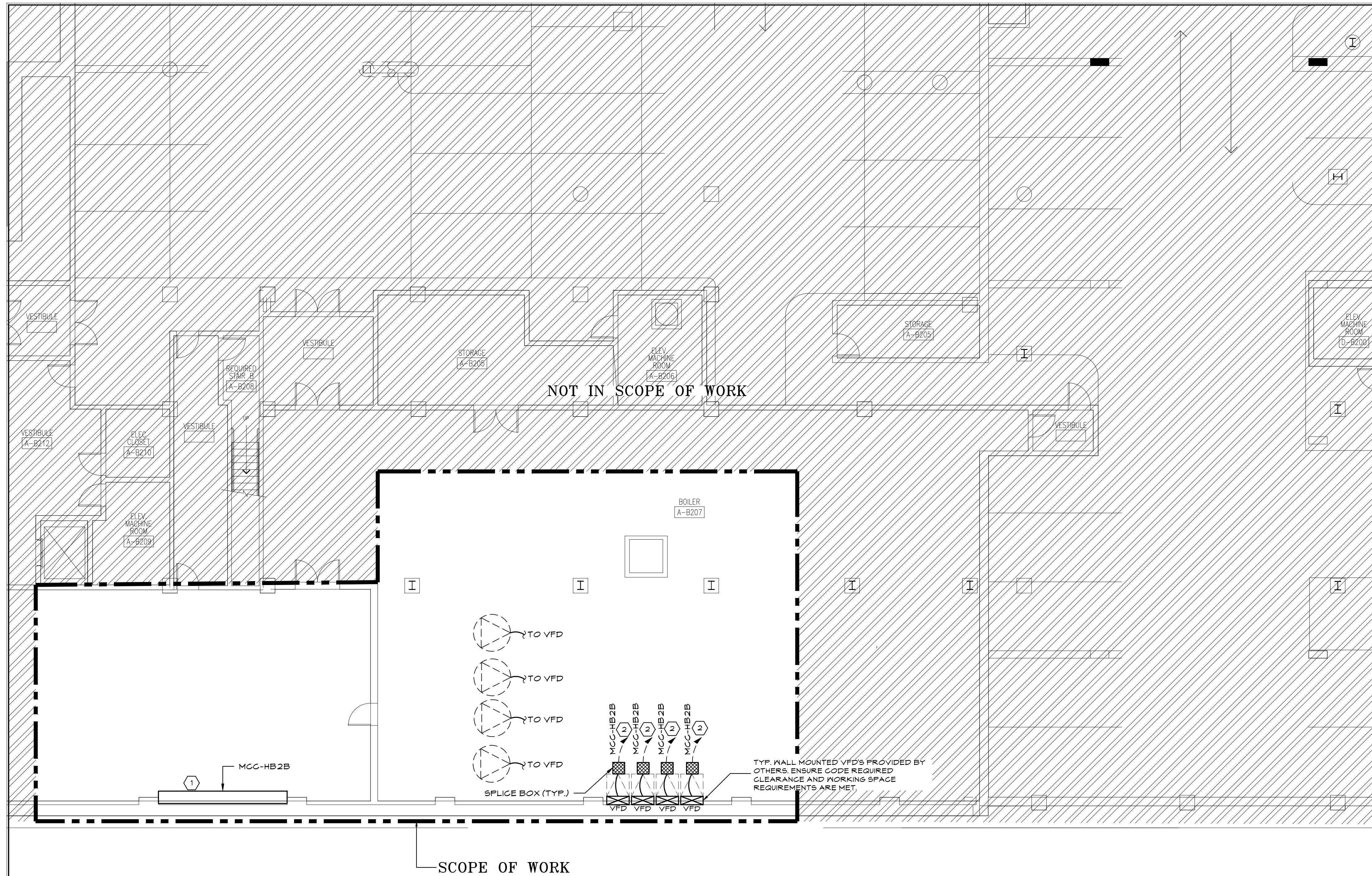
2) EXACT CONDUIT ROUTE TO BE FIELD VERIFIED BY CONTRACTOR.



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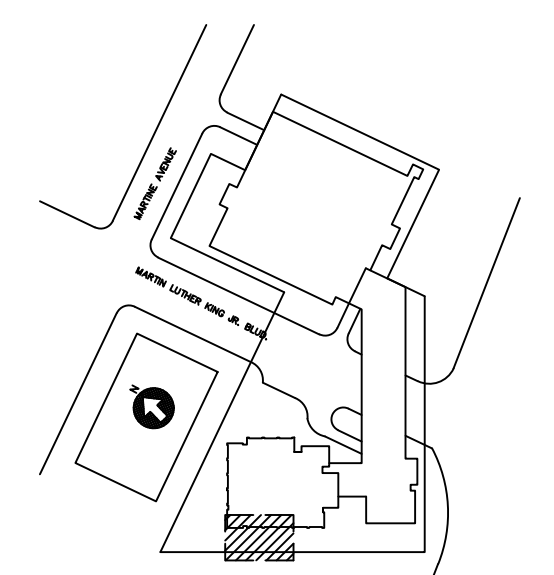
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LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: JAN 19, 2024	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	
PANEL SCHEDULE AND RISER DIAGRAM		52-11-E-1917	
		REV NO. 0	



SCOPE OF WORK

NOT IN SCOPE OF WORK



**K** KEY PLAN - B3 LEVEL  
N.T.S.

**KEY NOTES**

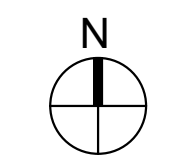
- ① MODIFY EXISTING MOTOR CONTROL CENTER FOR EACH PUMP TO BE PROVIDED WITH NEW VFD. MAINTAIN EXISTING DISCONNECT SWITCH. DISCONNECT AND REMOVE EXISTING STARTER. REFEED EXISTING HOT WATER PUMP VIA NEW VFD. REFER TO MECHANICAL PLANS FOR EXACT VFD LOCATION.
- ② CUT BACK EXISTING FEEDER TO SPLICE BOX AND EXTEND EXISTING FEEDER TO EXISTING PUMP VIA NEW VFD. FEEDER SIZE AND CHARACTERISTICS TO MATCH EXISTING.

**GENERAL NOTES**

- 1. ELECTRICAL CONTRACTOR TO COORDINATE ALL CONTROL WIRING REQUIREMENTS WITH MECHANICAL PLANS AND BMS/CONTROLS SYSTEM VENDOR. PROVIDE EMPTY CONDUIT PATHWAY WITH DRAG LINE TO ACCOMMODATE LOW VOLTAGE WIRING.

TYP. WALL MOUNTED VFD'S PROVIDED BY OTHERS. ENSURE CODE REQUIRED CLEARANCE AND WORKING SPACE REQUIREMENTS ARE MET.

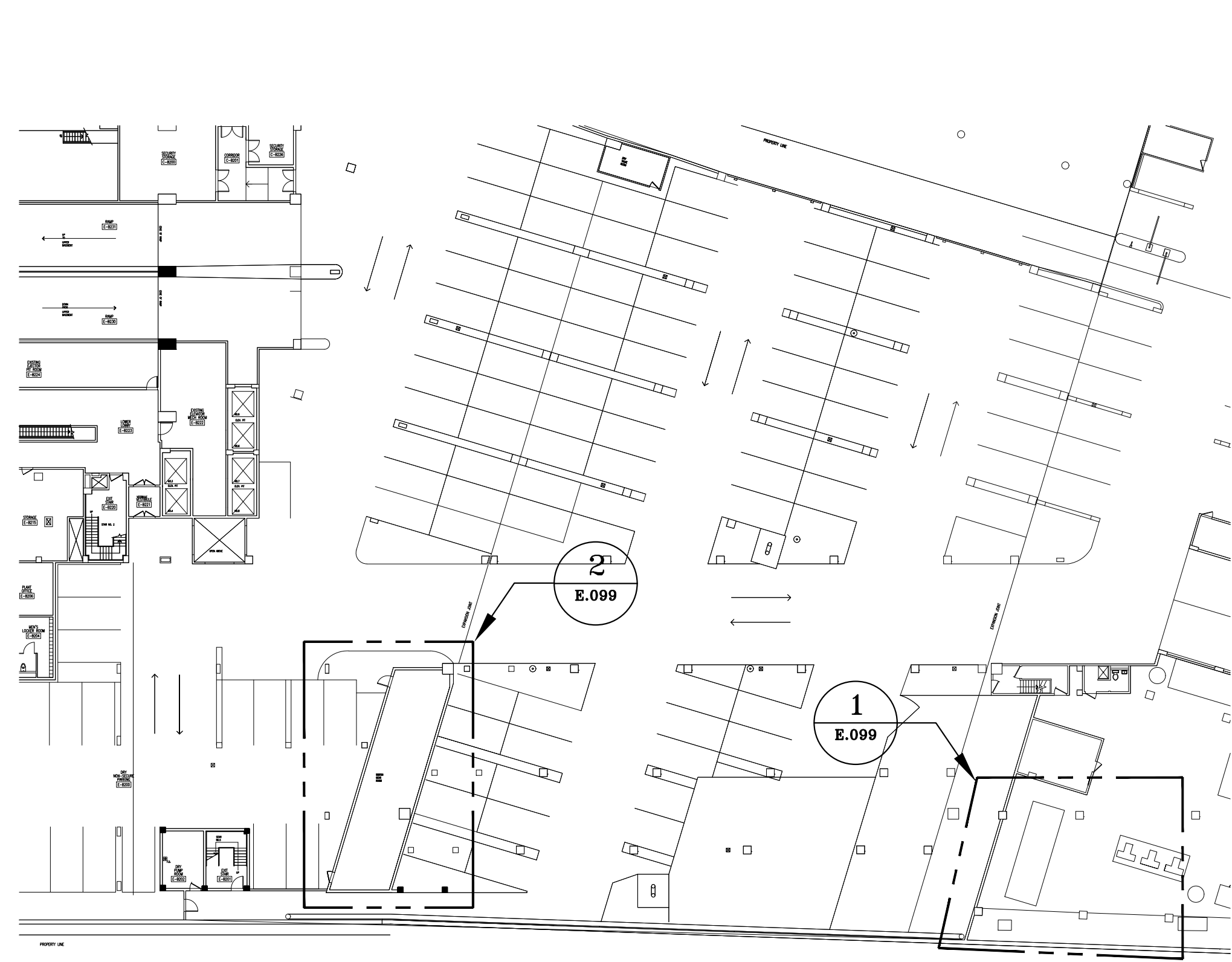
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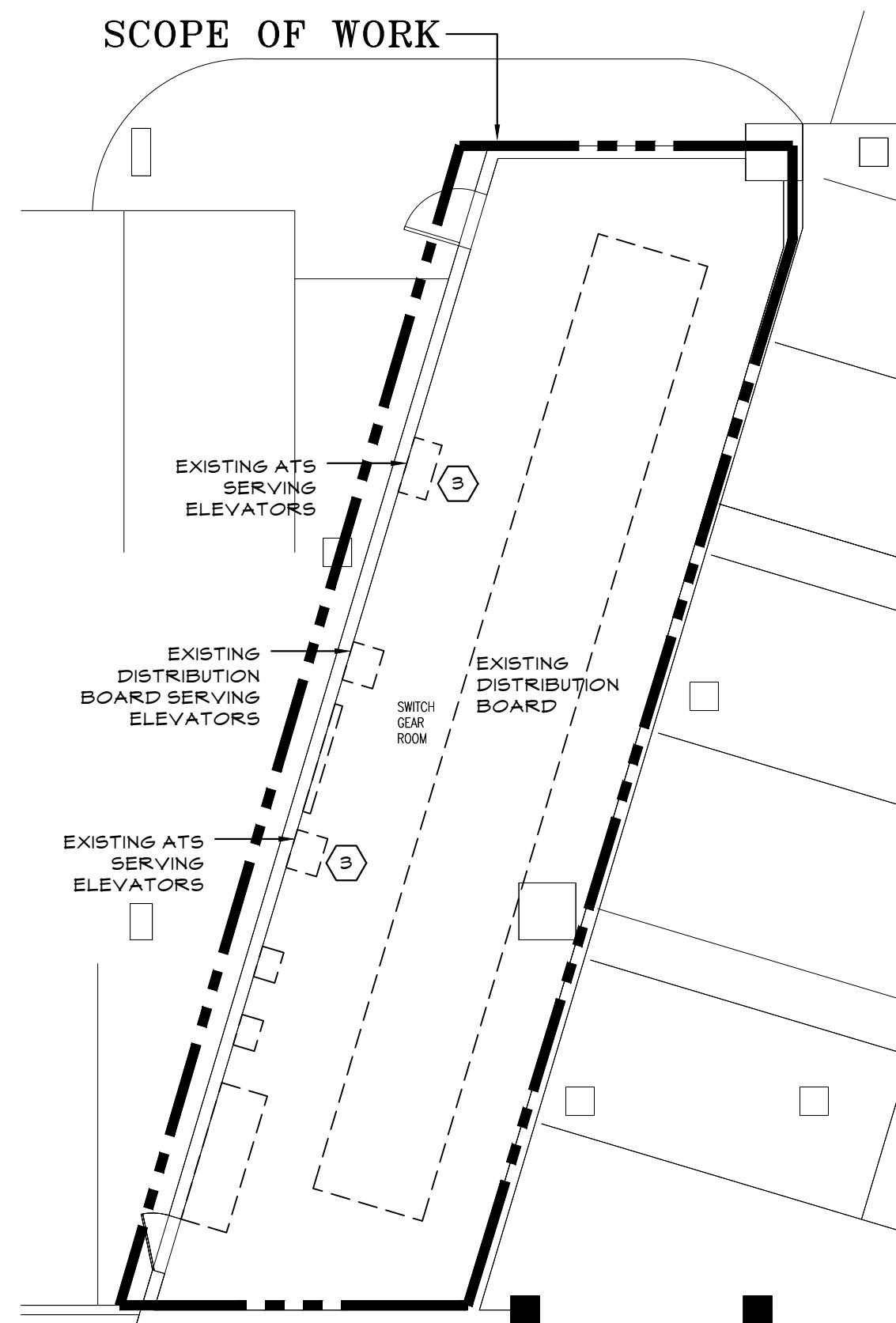
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**1** ELECTRICAL PLAN - BOILER ROOM  
E.098 1/8"=1'-0"

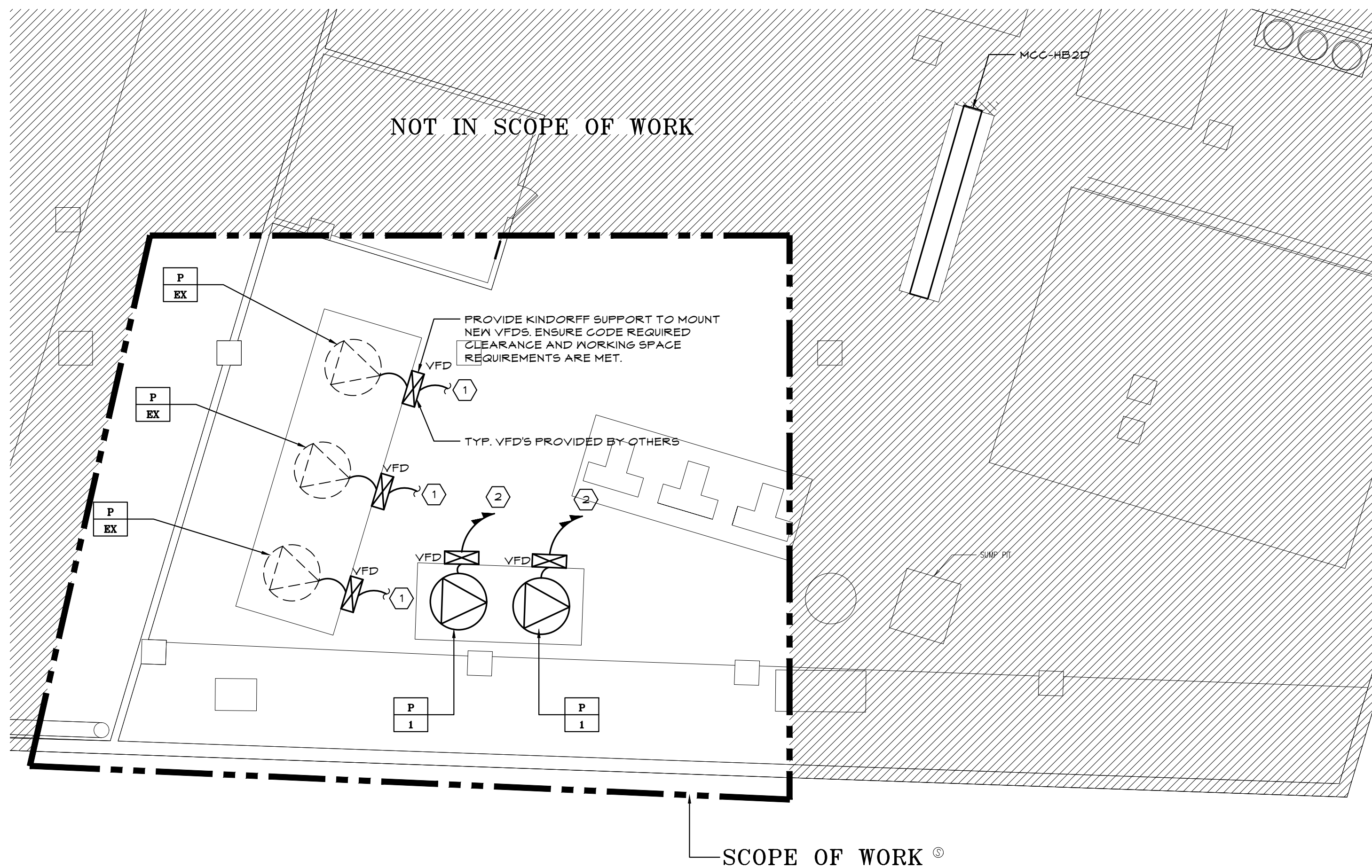
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110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DPW FILE NO.	
WHITE PLAINS, NEW YORK 10691		52-11-E-1918	REV NO. 0
ELECTRICAL PLAN - BOILER ROOM			



**1** ELECTRICAL PLAN - 2ND SUBGRADE PART PLAN  
E.099 1/32"=1'-0"

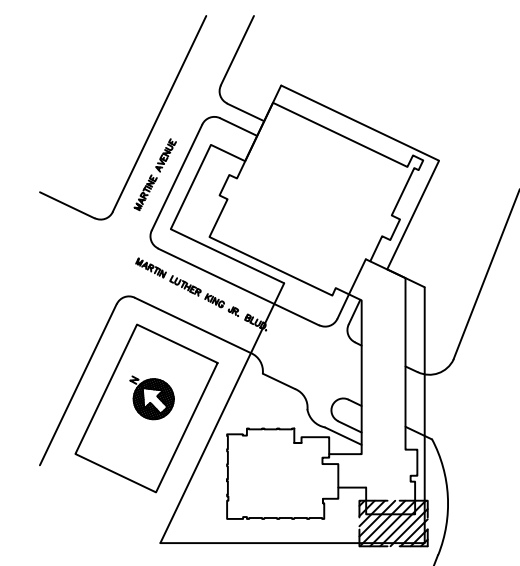


**2** ELECTRICAL PLAN - 2ND SUBGRADE SWITCHGEAR ROOM  
E.099 1/8"=1'-0"



**1** ELECTRICAL PLAN - 2ND SUBGRADE CHILLER PLANT  
E.099 1/8"=1'-0"

- KEY NOTES**
- ① MODIFY EXISTING MOTOR CONTROL CENTER FOR EACH PUMP TO BE PROVIDED WITH NEW VFD. MAINTAIN EXISTING DISCONNECT SWITCH. DISCONNECT AND REMOVE EXISTING STARTER. REFEED EXISTING HOT WATER PUMP VIA NEW VFD. REFER TO MECHANICAL PLANS FOR EXACT VFD LOCATION.
  - ② UTILIZE EXISTING SPARE BUCKETS IN 'MCC-HB2D' TO PROVIDE NEW 100AF/30AT CIRCUIT BREAKERS FOR FEEDERS TO NEW CHILLED WATER PUMPS. EXTEND 3#10#106 IN 3/4" G FROM MOTOR CONTROL CENTER TO NEW PUMPS VIA NEW VFD'S.
  - ③ CONTRACTOR TO IDENTIFY SOURCE OF ELEVATOR DISTRIBUTION PANEL LOCATION IN PENTHOUSE EMR AND TO METER THE FEEDER FOR A PERIOD OF 30 DAYS IN ACCORDANCE WITH NEG TO DETERMINE EXISTING LOAD.



**K** KEY PLAN - B2 LEVEL  
N.T.S.

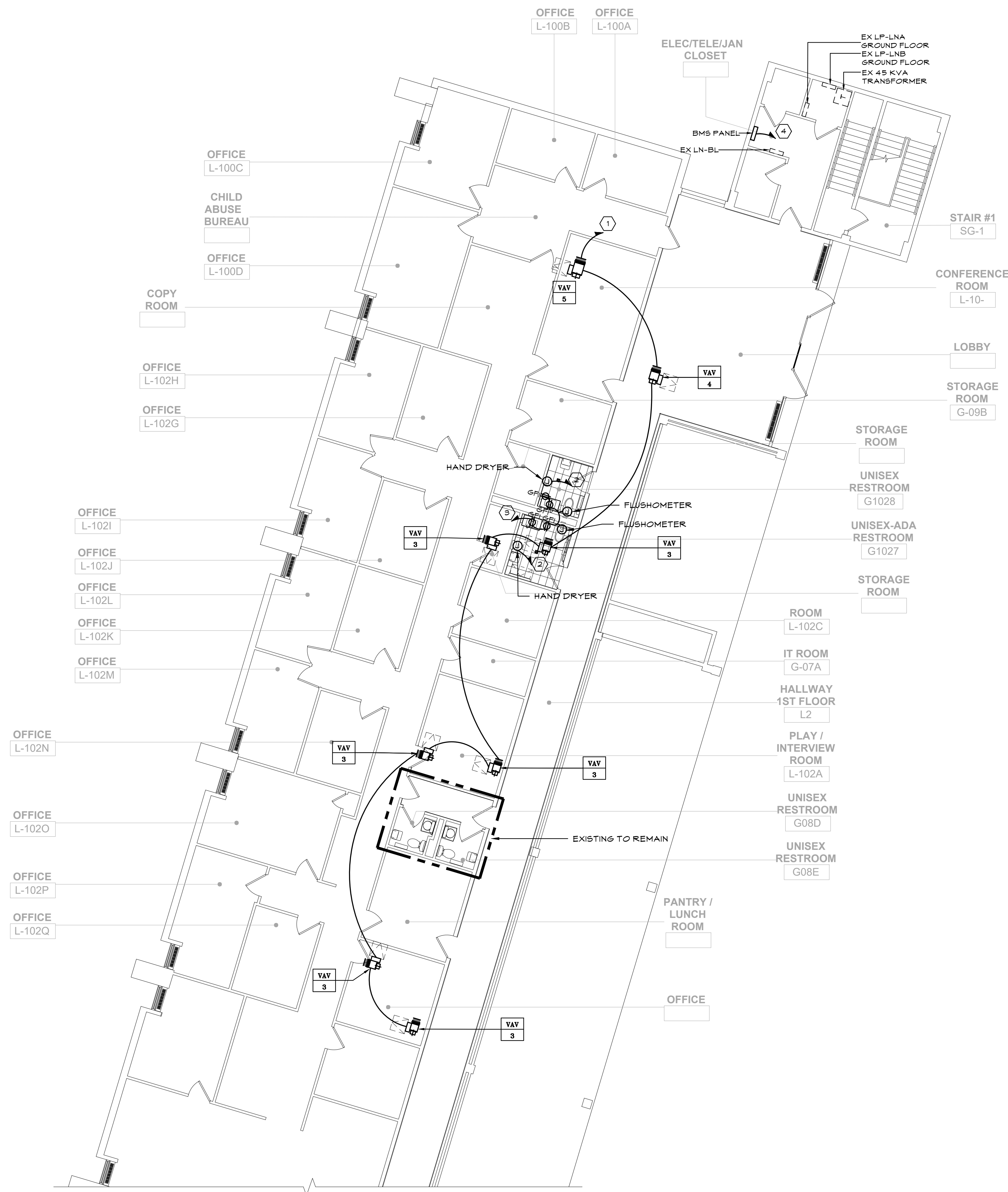
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ELECTRICAL PLAN - CHILLER PLANT		52-11-E-1919	0



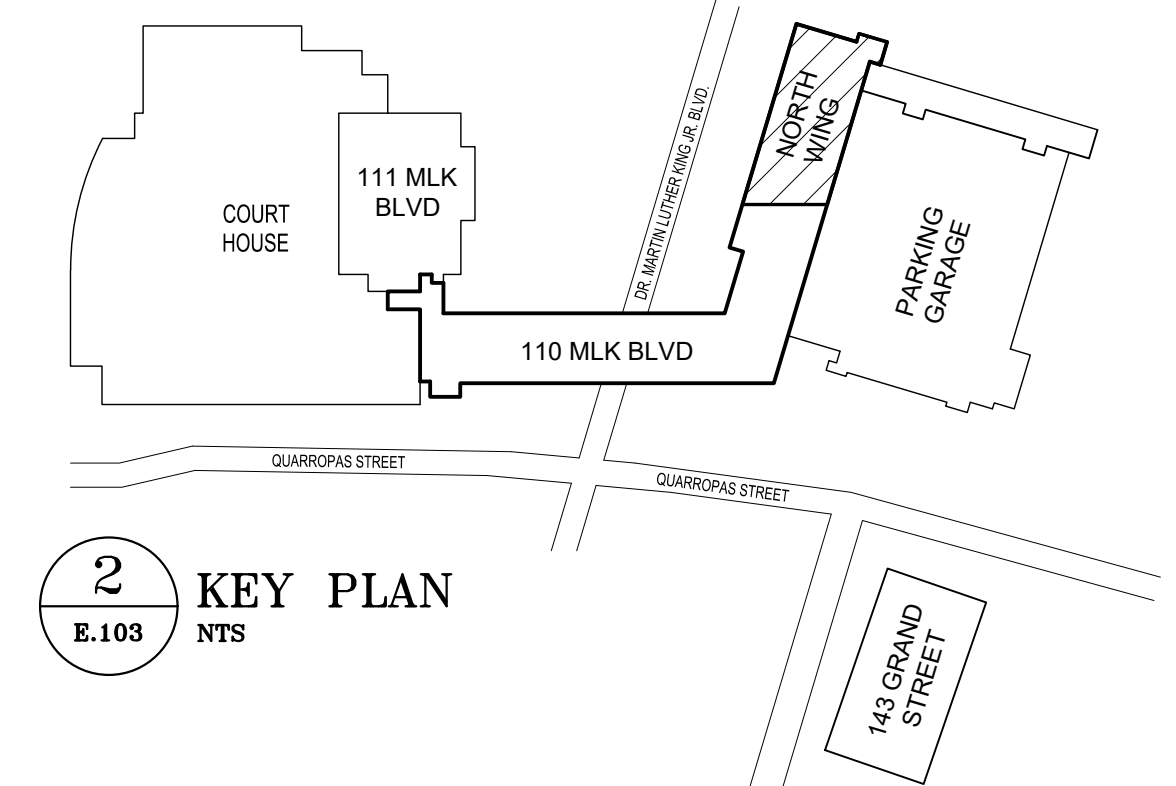


- KEY NOTES**
- ① WIRE TO NEW 1 POLE 20A CIRCUIT WITHIN PANEL LP-LNA GROUND FLOOR WITH 2#12#126-3/4"Ø.
  - ② WIRE HAND DRYER TO NEW 1 POLE 20A GFCI CIRCUIT WITHIN PANEL LP-LNB GROUND FLOOR OR WITHIN LN-BL WITH 2#12#126-3/4"Ø.
  - ③ WIRE FAUCETS, FLUSHOMETERS, AND RECEPTACLES TO EXISTING CIRCUIT PRESENTLY SERVING RESTROOMS EXTEND 2#12#126-3/4"Ø. RECEPTACLE WITH SUBSCRIPT 'U' TO BE PROVIDED AND MOUNTED UNDER SINK AND INTENDED TO PROVIDE POWER FOR FAUCET AND SOAP DISPENSER.
  - ④ WIRE BMS TO NEW 1 POLE 20A CIRCUIT WITHIN PANEL LP-LNB GROUND FLOOR OR WITHIN LN-BL WITH 2#12#126-3/4"Ø.
- GENERAL NOTES**
1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF RECEPTACLES AND EQUIPMENT.
  2. REFER TO ARCHITECTURAL DRAWINGS FOR RECEPTACLE MOUNTING HEIGHTS.
  3. ALL RECEPTACLES TO BE RECESSED IN WALL U.O.N.

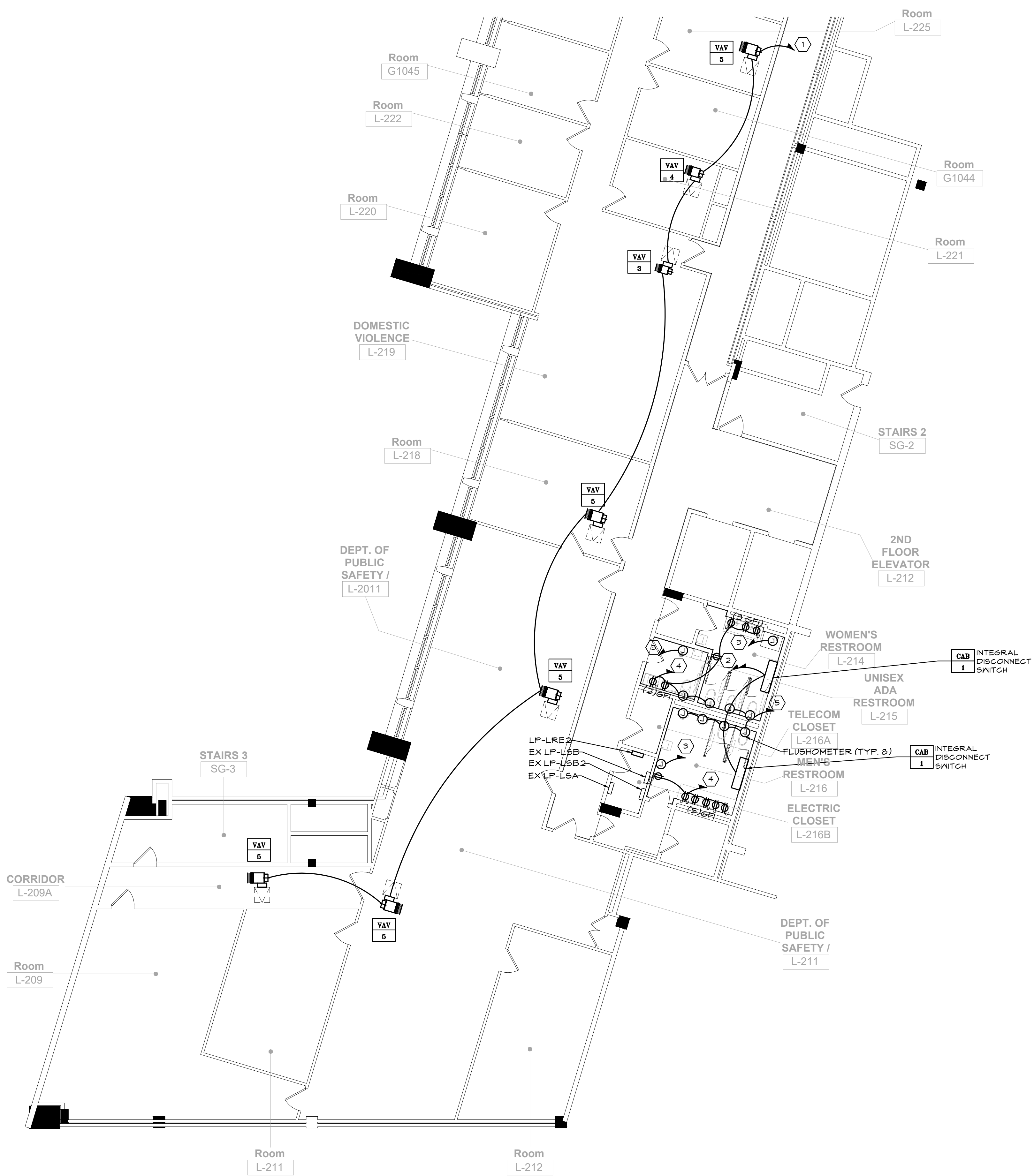
**1 ELECTRICAL PLAN - 1ST FLOOR NORTH WING**  
E.103 1/8"=1'-0"

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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	E-103
DIVISION OF ENGINEERING		SHEET NO. 109 OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	DATE: JAN 19, 2024
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DPW FILE NO.	REV NO.
ELECTRICAL PLAN - 1ST FLOOR NORTH WING		52-11-E-1921	0

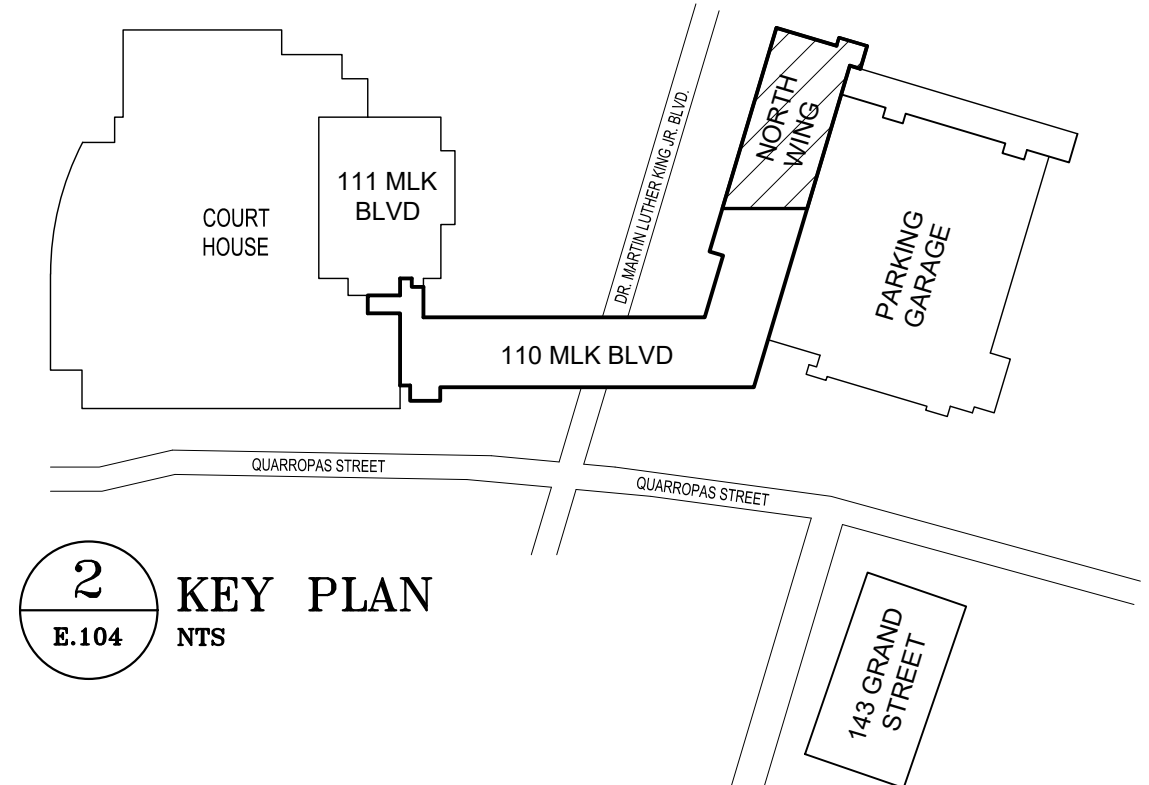


**KEY NOTES**

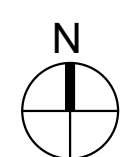
- ① WIRE TO NEW 1 POLE 20A CIRCUIT BREAKER WITHIN PANEL LP-LNA 2ND FLOOR WITH 2#10#106-3/4"Ø.
- ② WIRE TO NEW 2 POLE 15A CIRCUIT BREAKER WITHIN PANEL LP-LNB 2ND FLOOR WITH 2#12#126-3/4"Ø.
- ③ WIRE HAND DRYERS TO NEW 1 POLE 20A GFCI CIRCUIT BREAKER WITHIN EXISTING PANEL LP-LSB OR LP-LSB2 WITH 2#12#126-3/4"Ø.
- ④ WIRE FAUCETS, FLUSHMETERS AND RECEPTACLES TO EXISTING CIRCUIT PRESENTLY SERVING RESTROOMS. EXTEND 2#12#126-3/4"Ø RECEPTACLE WITH SUBSCRIPT 'U' ARE TO BE PROVIDED AND MOUNTED UNDER SINK AND INTENDED TO PROVIDE POWER FOR FAUCET AND SOAP DISPENSER.
- ⑤ WIRE FLUSHMETERS TO NEW 1 POLE 20A GFCI CIRCUIT BREAKER WITHIN EXISTING PANEL LP-LSB OR LP-LSB2 WITH 2#12#126-3/4"Ø.

**GENERAL NOTES**

- 1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF RECEPTACLES AND EQUIPMENT.
- 2. REFER TO ARCHITECTURAL DRAWINGS FOR RECEPTACLE MOUNTING HEIGHTS.
- 3. ALL RECEPTACLES TO BE RECESSED IN WALL U.O.N.



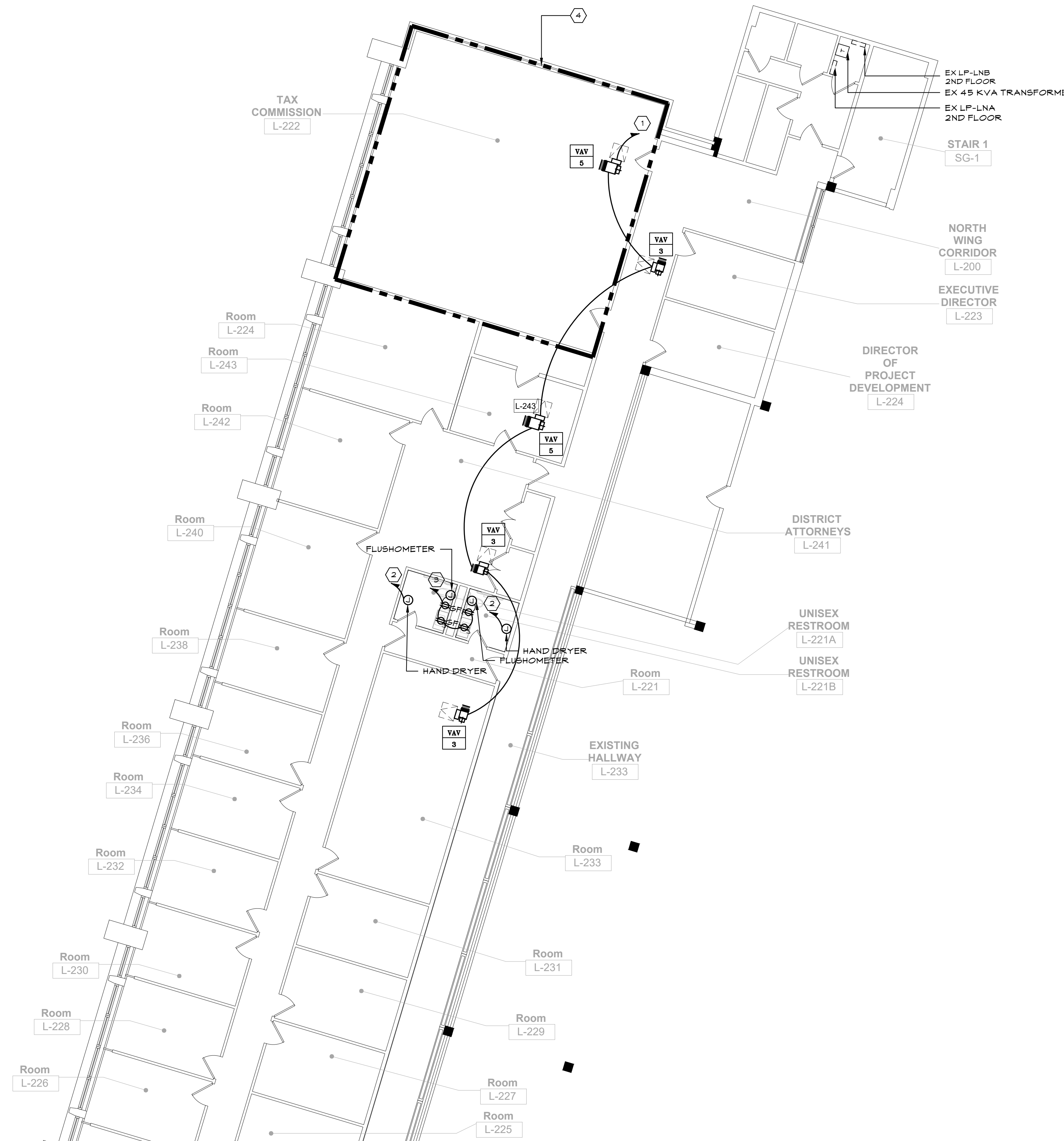
**1** ELECTRICAL PLAN - 2ND FLOOR CENTRAL WING  
E.104 1/8"=1'-0"



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<p>REVISION NUMBER    DATE    MADE BY    APP'D BY    REVISION</p>			
<p>RECORD DRAWING CERTIFICATION</p> <p><input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES</p>			
<p>CONTRACTOR</p> <p>NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____</p>		<p>CONTRACTOR</p> <p>NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____</p>	
<p>WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION</p>		<p>CONTRACT NUMBER 20-502 SHEET NUMBER <b>E-104</b> 110 OF 133</p>	
<p>DIVISION OF ENGINEERING</p>		<p>SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. _____ REV NO. 0</p>	
<p>LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 ELECTRICAL PLAN - 2ND FLOOR CENTRAL WING</p>			
<p>52-11-E-1922</p>		<p>52-11-E-1922</p>	

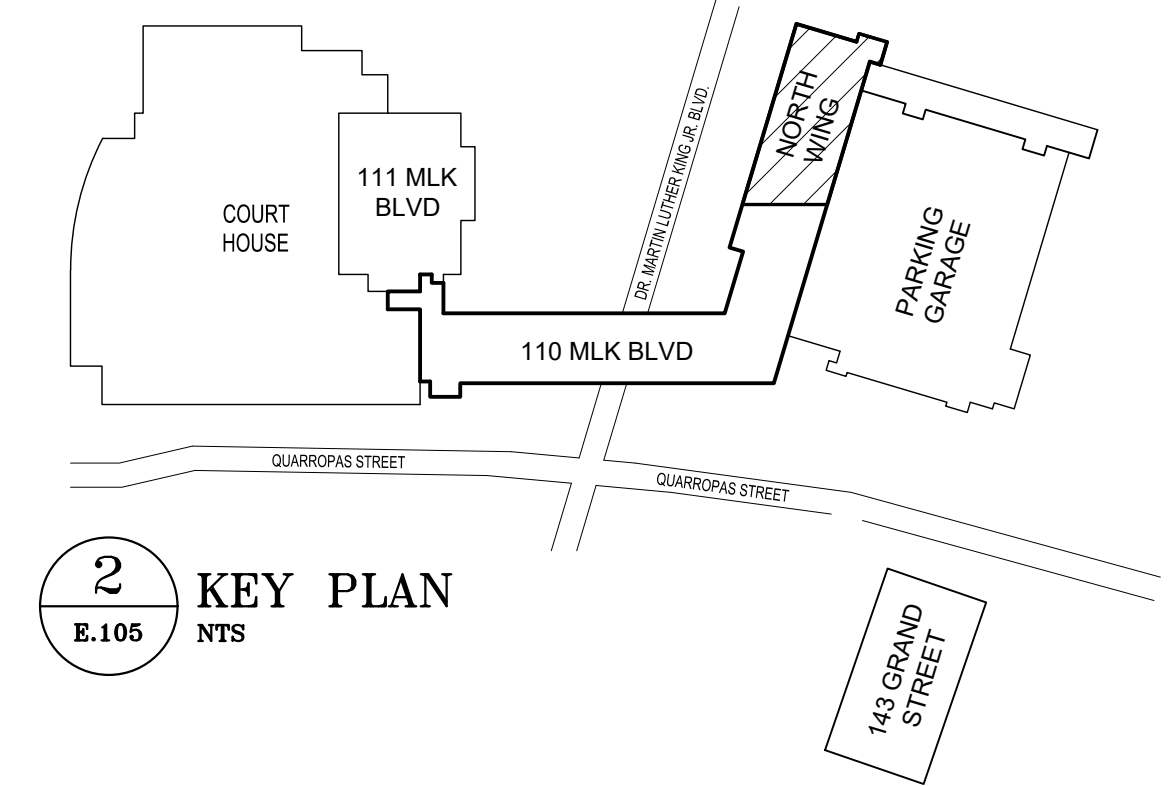


**KEY NOTES**

- ① WIRE TO NEW 1 POLE 20A CIRCUIT WITHIN PANEL LP-LNA 2ND FLOOR WITH 2#12#126-3/4"Ø
- ② WIRE HAND DRYERS TO NEW 1 POLE 20A GFCI CIRCUIT BREAKER WITHIN EXISTING PANEL LP-LSB OR LP-LSB2 WITH 2#12#126-3/4"Ø
- ③ WIRE FAUCETS, FLUSHOMETERS, AND RECEPTACLES TO EXISTING CIRCUIT PRESENTLY SERVING RESTROOMS. EXTEND 2#12#126-3/4"Ø RECEPTACLE WITH SUBSCRIPT 'V' TO BE PROVIDED AND MOUNTED UNDER SINK AND INTENDED TO PROVIDE POWER FOR FAUCET AND SOAP DISPENSER.
- ④ ALL EXISTING BRANCH CIRCUIT WIRING IN TAX COMMISSION ROOM L-22 TO BE REROUTED FROM UNDER FLOOR TO OVERHEAD TO ACCOMMODATE REMOVAL OF EXISTING IN FLOOR RACEWAY SYSTEM. THERE ARE 1 CIRCUITS PRESENTLY FEEDING THIS ROOM FROM LP-LNB-2 CIRCUIT #2,4,16,20,22,28,30 CUT BACK AND EXTEND WIRING AS REQUIRED TO MAINTAIN CONTINUITY OF EXISTING CIRCUITS AND RE-ENERGIZE ALL ASSOCIATED LOADS.

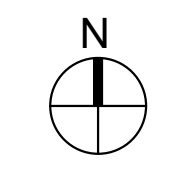
**GENERAL NOTES**

- 1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF RECEPTACLES AND EQUIPMENT.
- 2. REFER TO ARCHITECTURAL DRAWINGS FOR RECEPTACLE MOUNTING HEIGHTS.
- 3. ALL RECEPTACLES TO BE RECESSED IN WALL UNLESS NOTED OTHERWISE.



2 KEY PLAN  
E.105 NTS

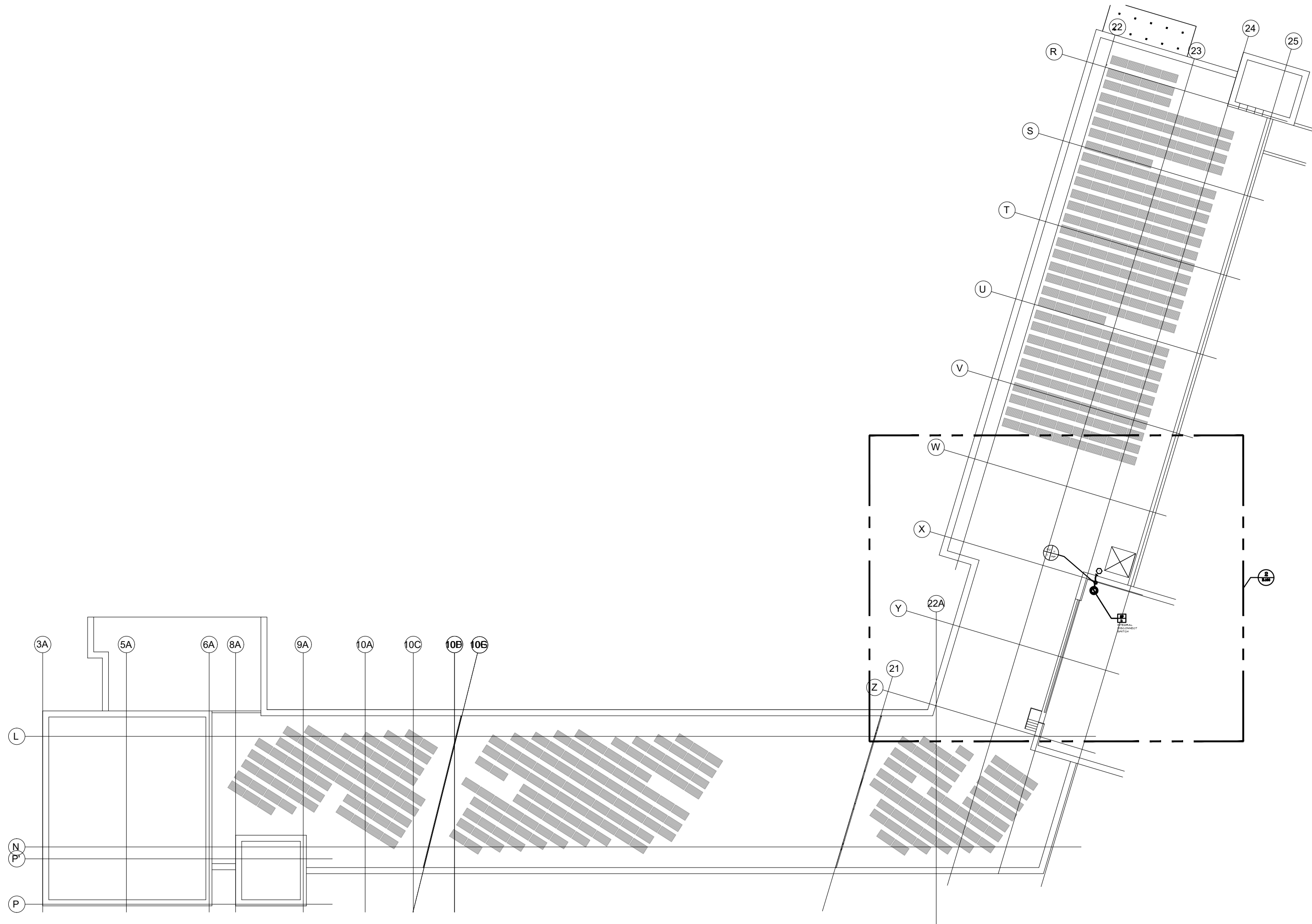
1 ELECTRICAL PLAN - 2ND FLOOR NORTH WING  
E.105 1/8"=1'-0"



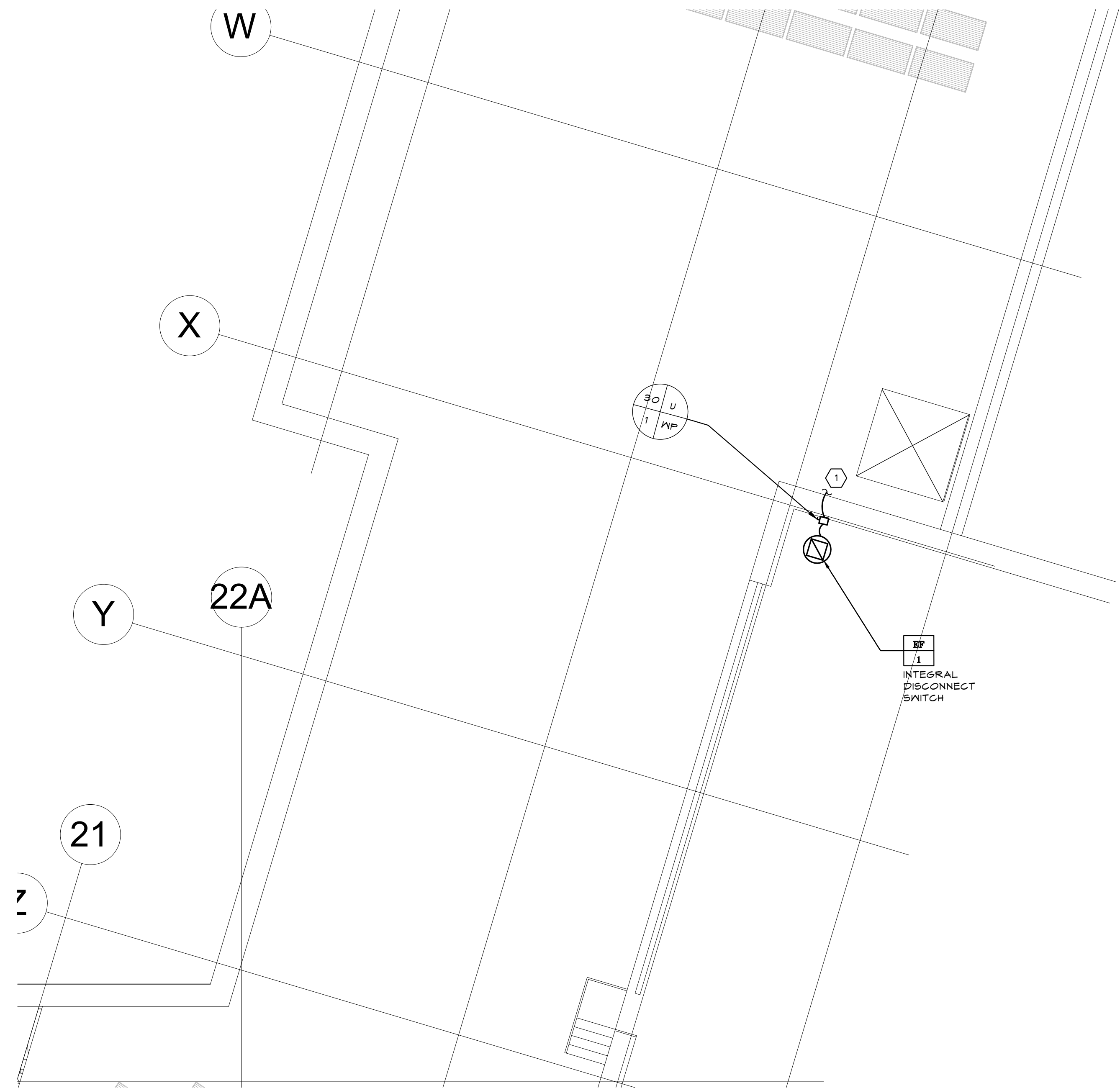
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CONTRACTOR		CONTRACTOR	
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 20-502	SHEET NUMBER <b>E-105</b>
DIVISION OF ENGINEERING		SCALE: AS NOTED	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		DATE: JAN 19, 2024	REV NO. 0
ELECTRICAL PLAN - 2ND FLOOR NORTH WING		DPW FILE NO. 52-11-E-1923	REV NO. 0



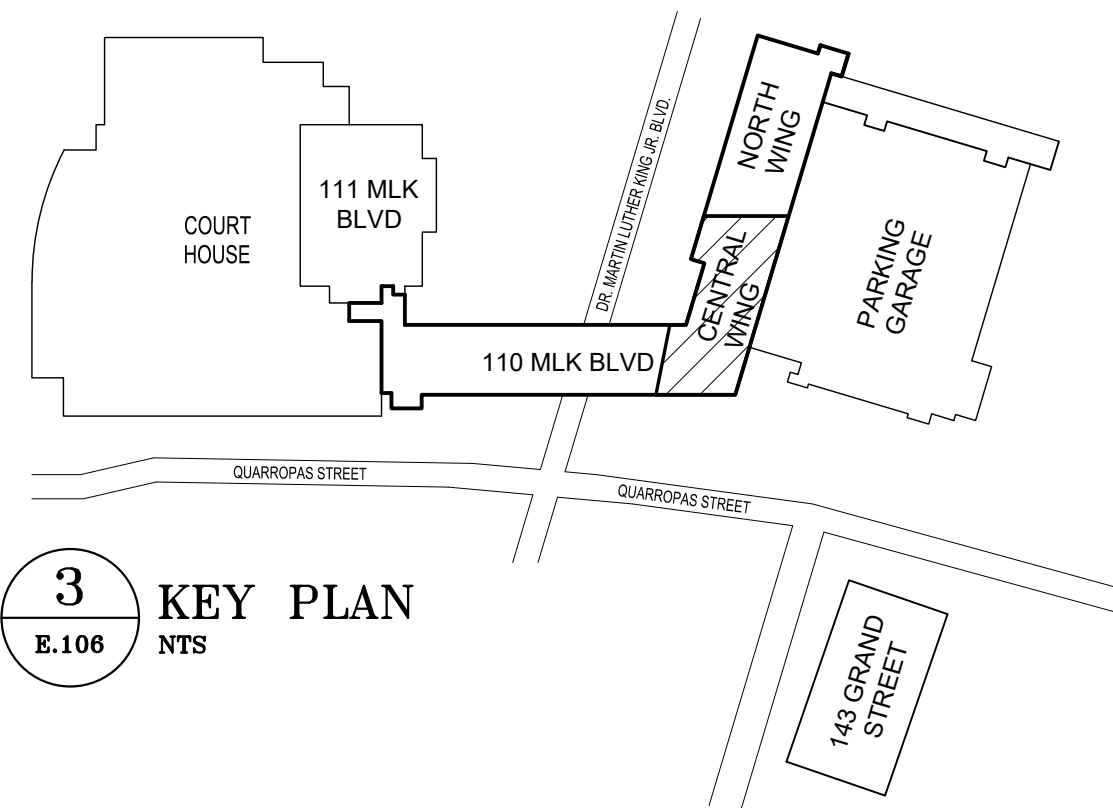
**1** ELECTRICAL PLAN - ROOF  
E.106 1/32"=1'-0"



**2** ELECTRICAL PART PLAN - ROOF  
E.106 1/8"=1'-0"

**KEY NOTES**

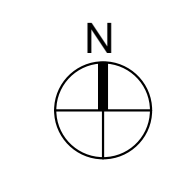
① WIRE NEW EXHAUST FAN TO EXISTING EXHAUST FAN CIRCUIT WITHIN PANEL PNL-3-2 WITH 2# 12G-3/4".



**3** KEY PLAN  
E.106 NTS

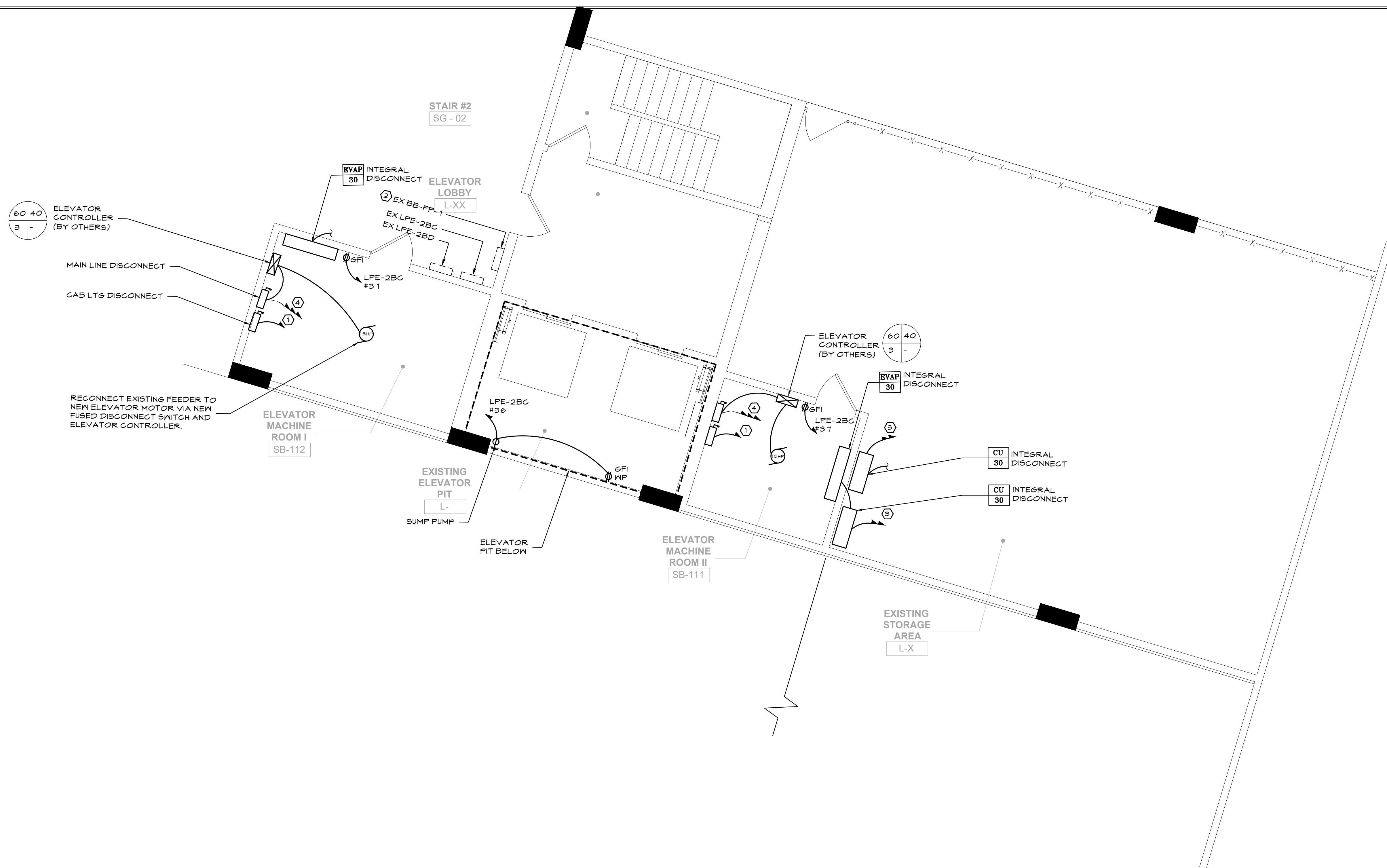
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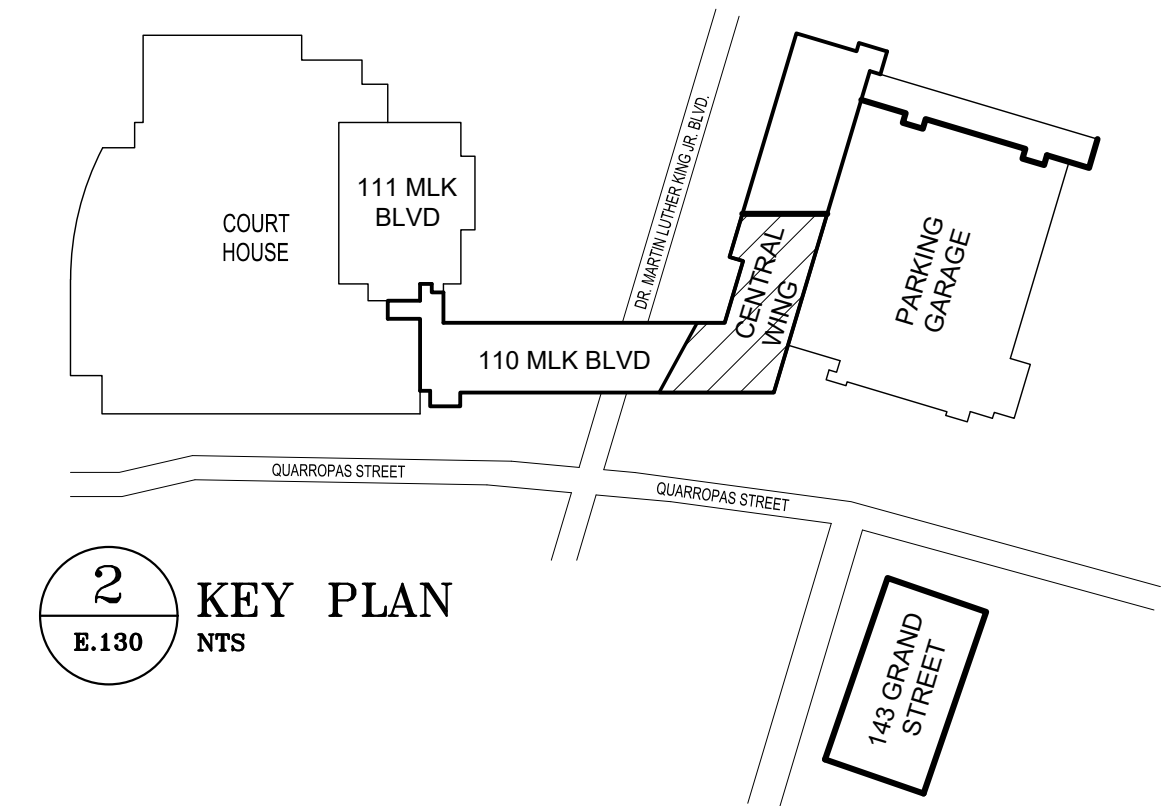


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DATE:	DATE:	DATE:	DATE:
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	E-106
DIVISION OF ENGINEERING		SHEET NO.	112 OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE:	AS NOTED
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE:	JAN 19, 2024
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	52-11-E-1924
ELECTRICAL PART PLAN - ROOF		REV NO.	0





- KEY NOTES**
1. WIRE CAB LTG TO EXISTING 20A/1P CIRCUIT BREAKER SERVING ELEVATOR LTG IN PANEL LPE-2BC. EXTEND 2# 12-# 12G AS REQUIRED. PROVIDE UL-924 LISTED EMERGENCY LIGHTING INVERTER.
  2. MODIFY BB-PP-1 AS REQUIRED TO ACCOMMODATE (2) 30A/2P CIRCUIT BREAKERS TO FEED NEW SPLIT SYSTEMS IN ELEVATOR CONTROL ROOMS.
  3. WIRE NEW SPLIT SYSTEM TO PANEL BB-PP-1 AFTER MODIFICATION. EXTEND 3# 10-# 10G AS REQUIRED.
  4. EXISTING FEEDER TO MDB TO REMAIN.
- GENERAL NOTES**
1. CONTRACTOR SHALL COORDINATE ALL ELEVATOR RELATED WORK WITH ELEVATOR CONSULTANT SPECIFICATIONS. CONTRACTOR TO REVIEW ALL ELECTRICAL REQUIREMENTS WITH ELEVATOR SYSTEM VENDOR AND TO REPORT ANY DISCREPANCIES IN DESIGN DOCUMENTS TO ENGINEER PRIOR TO BID.
  2. CONTRACTOR TO REUSE EXISTING CIRCUITS WHERE FEASIBLE.

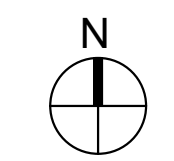


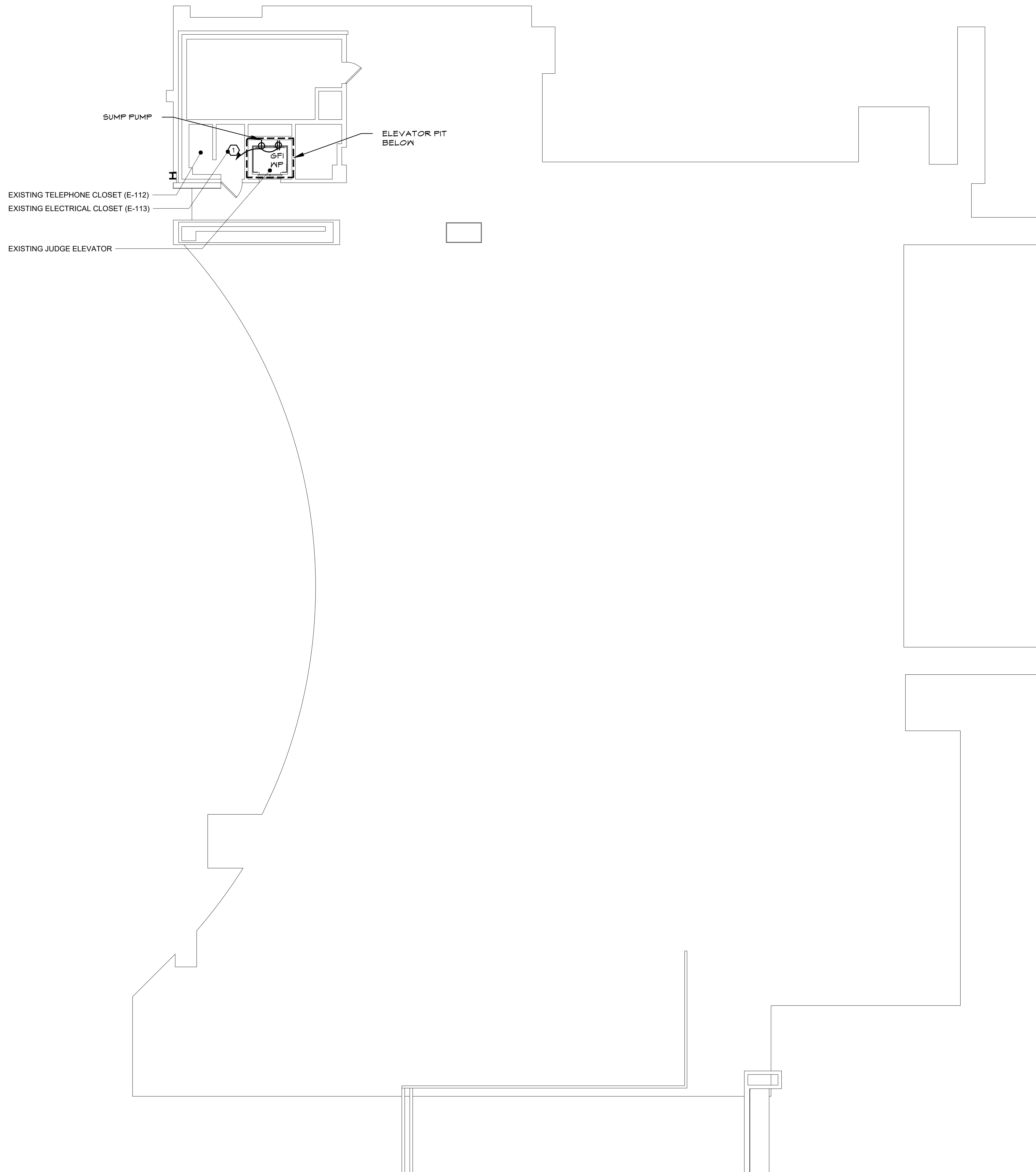
**1** ELECTRICAL PLAN - BASEMENT LEVEL 3 CENTRAL WING ELEVATOR  
E-130 1/4"=1'-0"

		<b>CONSULTANT INFORMATION</b> <b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989																										
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER: 20-502 SHEET NO. 113 OF 133 <b>E-130</b>																										
DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601																												
ELECTRICAL PLAN - BASEMENT LEVEL 3 CENTRAL WING ELEVATOR - 111 MLK BLVD		SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-11-E-1925 REV NO. 0																										

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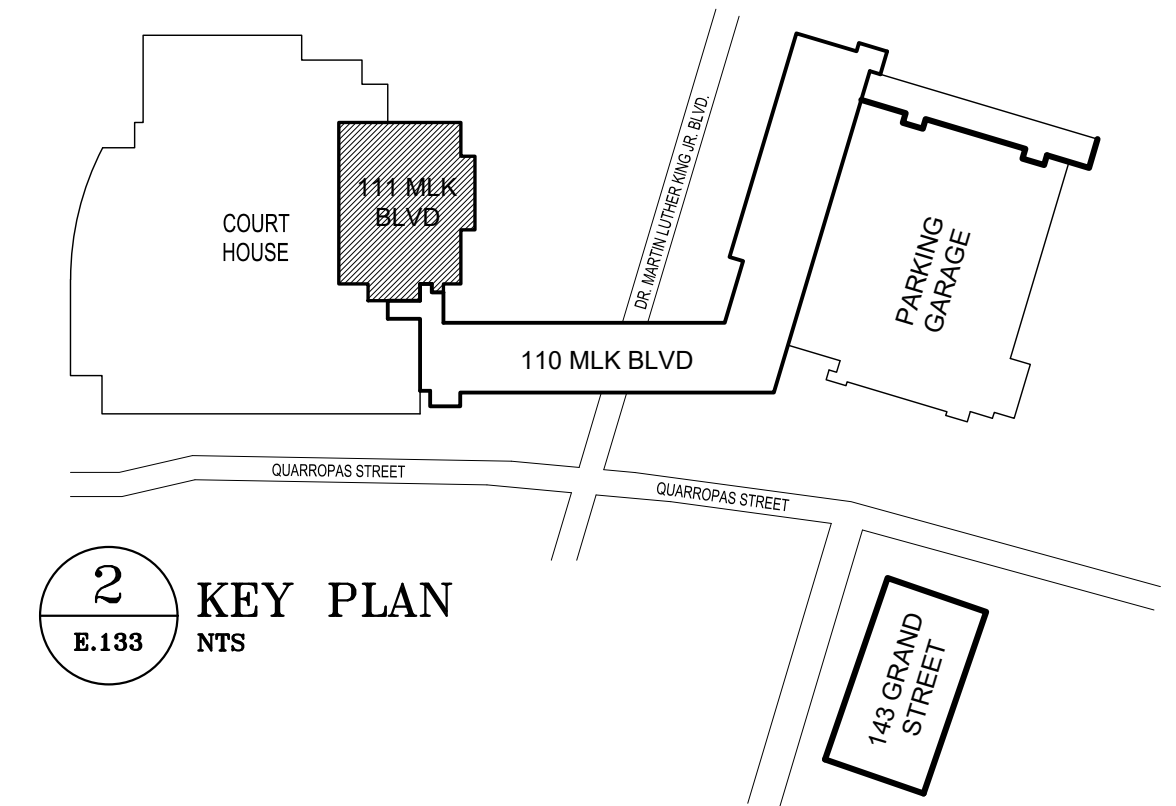


**KEY NOTES**

① WIRE CIRCUIT TO NEAREST AVAILABLE 120V SOURCE. ALLOW FOR 100' OF 2# 12# 126 IN 3/4" CDT.

**GENERAL NOTES**

1. CONTRACTOR SHALL COORDINATE ALL ELEVATOR RELATED WORK WITH ELEVATOR CONSULTANT SPECIFICATIONS. CONTRACTOR TO REVIEW ALL ELECTRICAL REQUIREMENTS WITH ELEVATOR SYSTEM VENDOR AND TO REPORT ANY DISCREPANCIES IN DESIGN DOCUMENTS TO ENGINEER PRIOR TO BID.



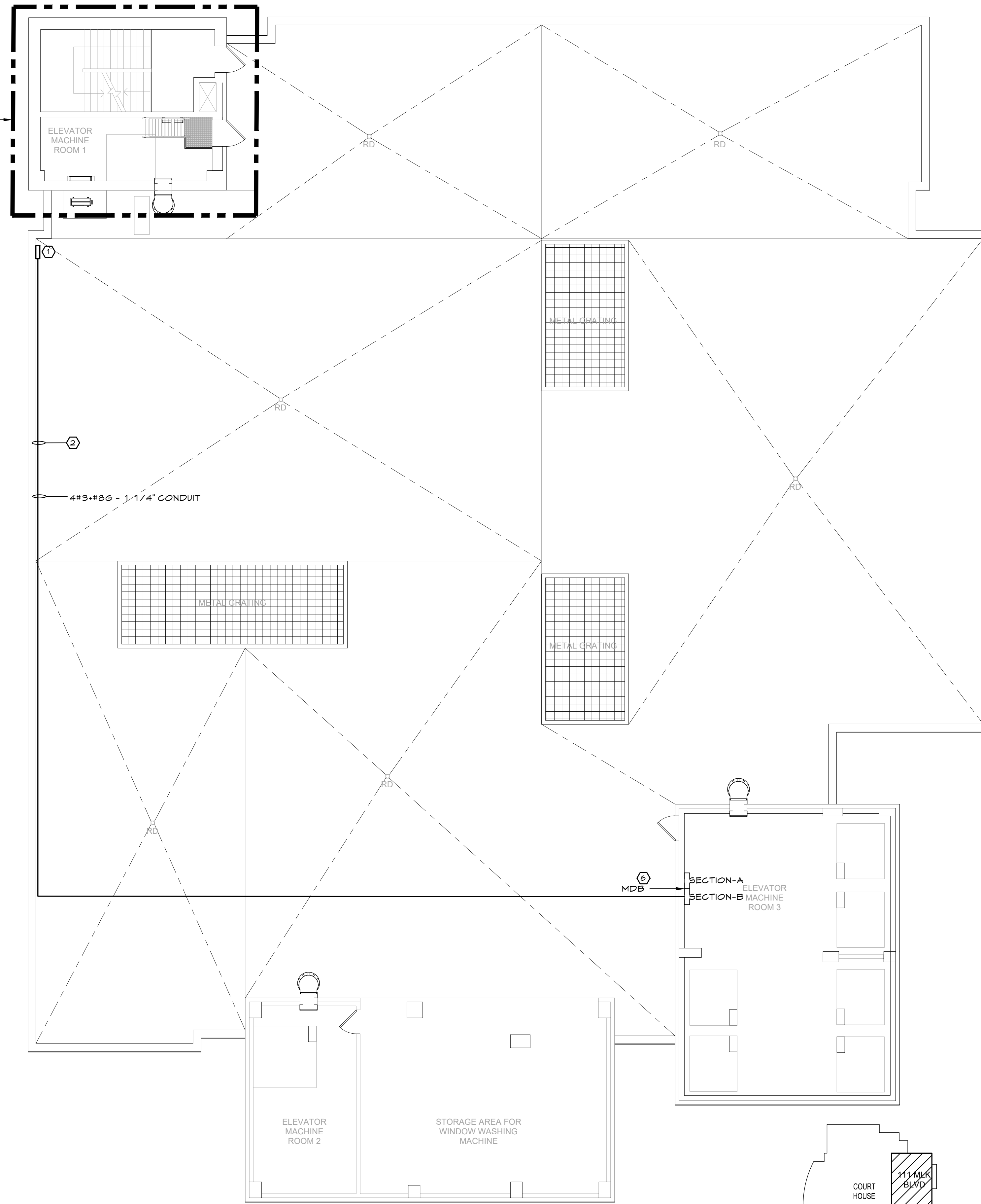
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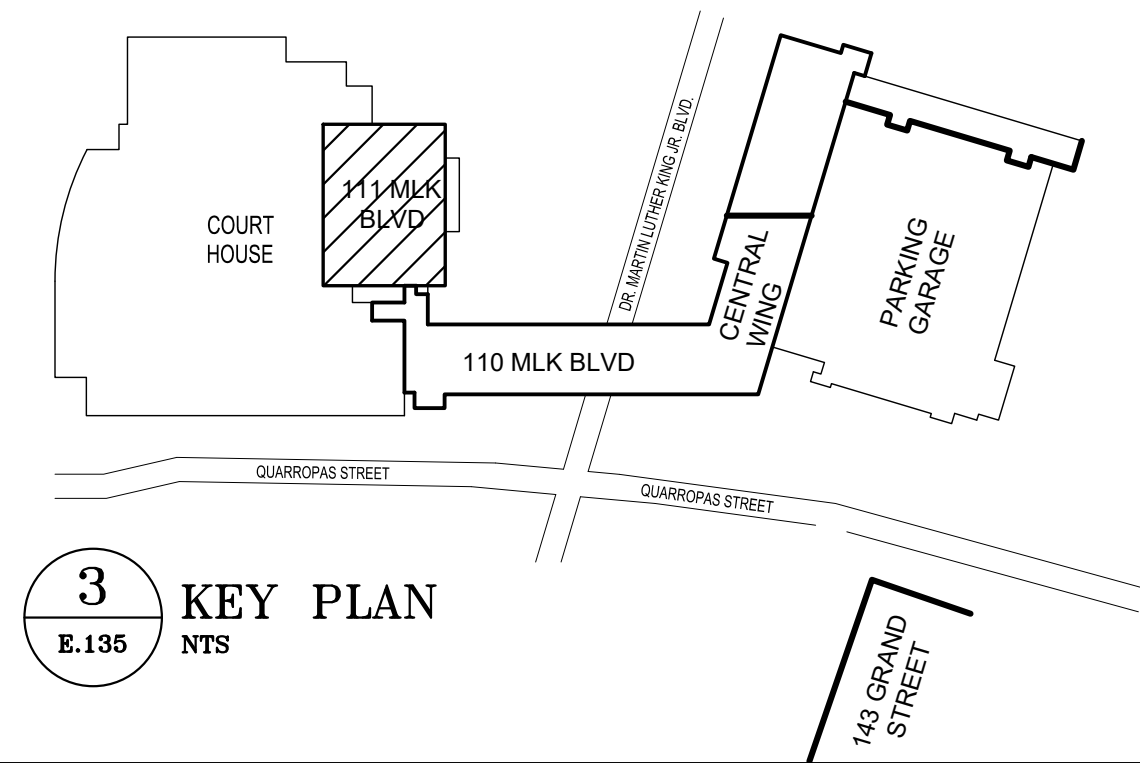
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**1** ELECTRICAL PLAN - COURT HOUSE JUDGE ELEVATOR  
E-133 1/8"=1'-0"

2  
E-134

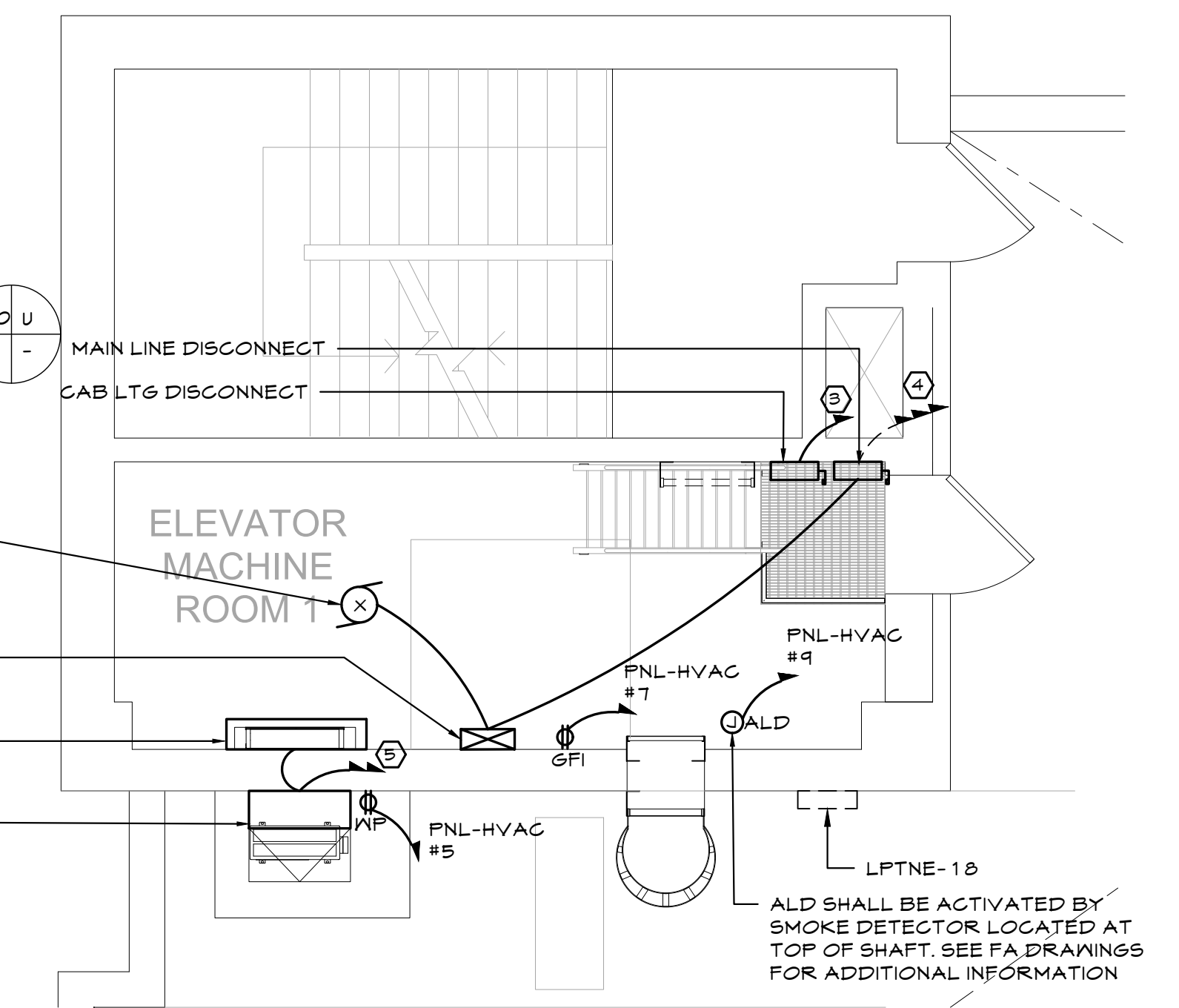


1 ELECTRICAL PLAN - COURT HOUSE ROOF  
E-135 1/8"=1'-0"



3 KEY PLAN  
E-135 NTS

100 V  
3 -



2 ELEVATOR MACHINE ROOM PART PLAN  
E-134 1/4"=1'-0"

KEY NOTES	
1	PROPOSED LOCATION OF NEW SUB-PANEL TO BE LOCATED IN THE MECHANICAL ROOM IN THE FLOOR BELOW.
2	EXACT CONDUIT ROUTE TO BE FIELD VERIFIED BY CONTRACTOR.
3	WIRE CAB LTG TO EXISTING 20A/1P CIRCUIT BREAKER SERVING ELEVATOR LTG IN PANEL LPTNE-18. EXTEND 2#12+1#12G AS REQUIRED. PROVIDE UL 924 LISTED EMERGENCY LIGHTING INVERTER.
4	EXISTING FEEDER TO MDB TO REMAIN.
5	WIRE NEW SPLIT SYSTEM TO CIRCUIT #2,4 WITHIN PNL-HVAC TO BE LOCATED IN MECHANICAL ROOM IN THE FLOOR BELOW.
6	PROVIDE 60A/3P CIRCUIT BREAKER IN MDB TO FEED NEW SUB-PANEL.

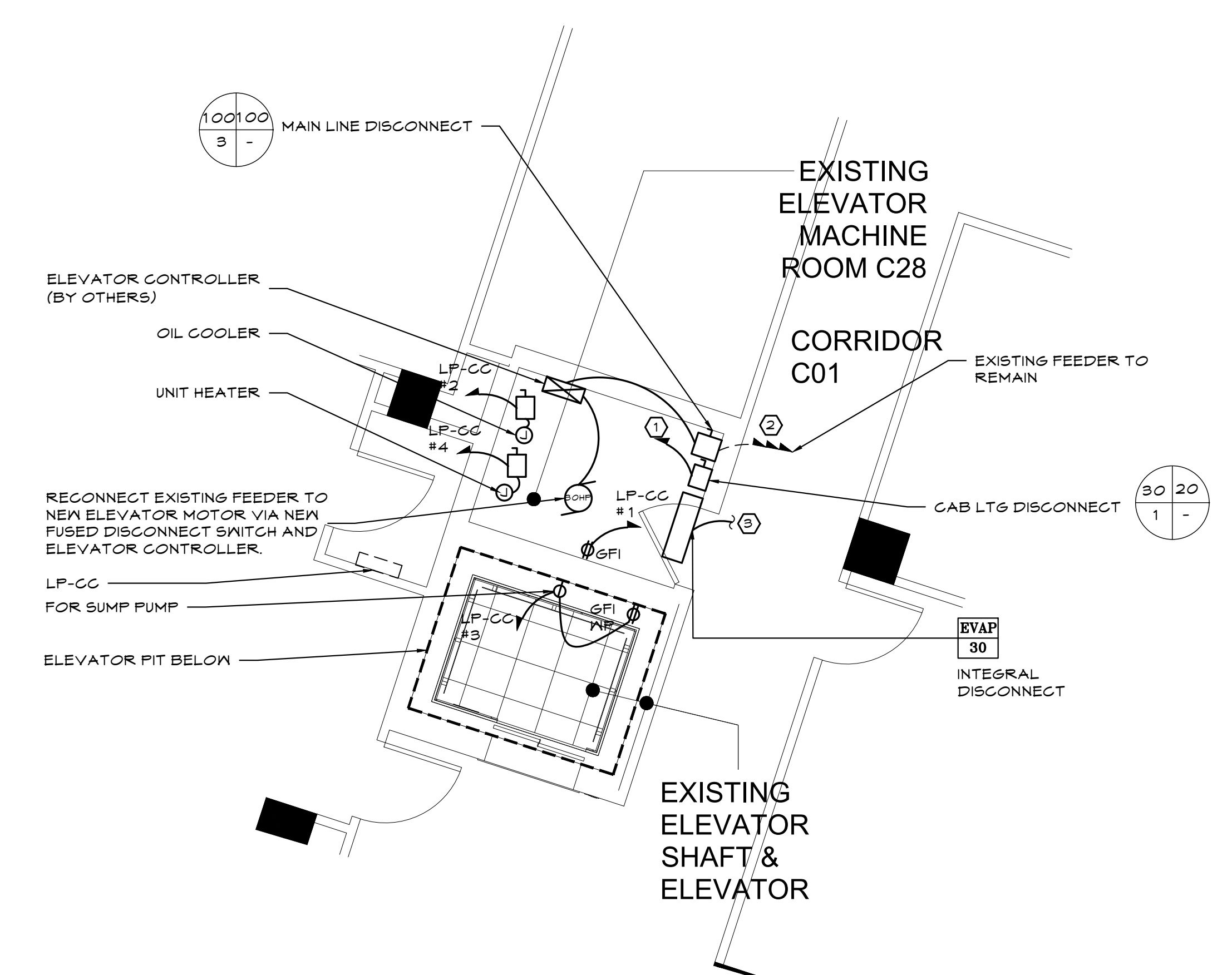
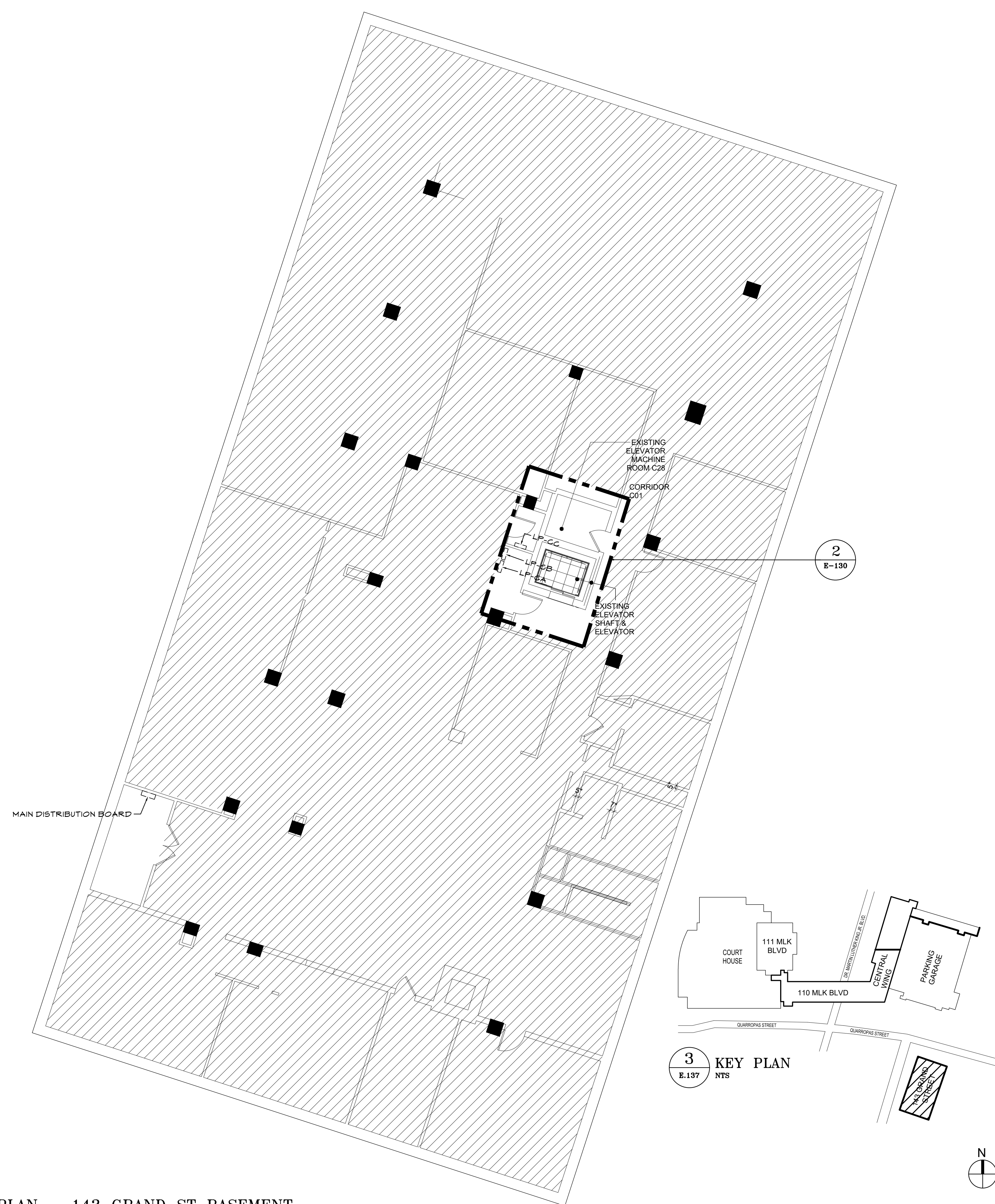
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1.	CONTRACTOR SHALL COORDINATE ALL ELEVATOR RELATED WORK WITH ELEVATOR CONSULTANT SPECIFICATIONS. CONTRACTOR TO REVIEW ALL ELECTRICAL REQUIREMENTS WITH ELEVATOR SYSTEM VENDOR AND TO REPORT ANY DISCREPANCIES IN DESIGN DOCUMENTS TO ENGINEER PRIOR TO BID.

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CONTRACTOR		CONTRACTOR	
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	E-135
DIVISION OF ENGINEERING		SHEET NO. 115 OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II			
110 DR. MARTIN LUTHER KING, JR. BOULEVARD			
WHITE PLAINS, NEW YORK 10601			
ELECTRICAL PLAN - COURT HOUSE ROOF - 111 MLK BLVD		SCALE: AS NOTED	DATE: JAN 19, 2024
		DPW FILE NO.	REV NO.
		52-11-E-1927	0

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

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**2** ELECTRICAL - ELEVATOR MACHINE ROOM PART PLAN  
E-137 1/4"=1'-0"

**KEY NOTES**

- WIRE CAB LIGHTING TO EXISTING CIRCUIT PRESENTLY SERVING ELEVATOR LIGHTING IN PANEL LP-CB. EXTEND 2# 12-# 12G AS REQUIRED. PROVIDE UL-924 LISTED EMERGENCY LIGHTING INVERTER.
- EXISTING FEEDER TO MAIN DISTRIBUTION PANEL TO REMAIN.
- EXTEND CIRCUIT TO CONDENSING UNIT LOCATED ON THE ROOF ABOVE.

**GENERAL NOTES**

- CONTRACTOR SHALL COORDINATE ALL ELEVATOR RELATED WORK WITH ELEVATOR CONSULTANT SPECIFICATIONS. CONTRACTOR TO REVIEW ALL ELECTRICAL REQUIREMENTS WITH ELEVATOR SYSTEM VENDOR AND TO REPORT ANY DISCREPANCIES IN DESIGN DOCUMENTS TO ENGINEER PRIOR TO BID.

**1** ELECTRICAL PLAN - 143 GRAND ST BASEMENT  
E-137 1/8"=1'-0"

**3** KEY PLAN  
E-137 NTS

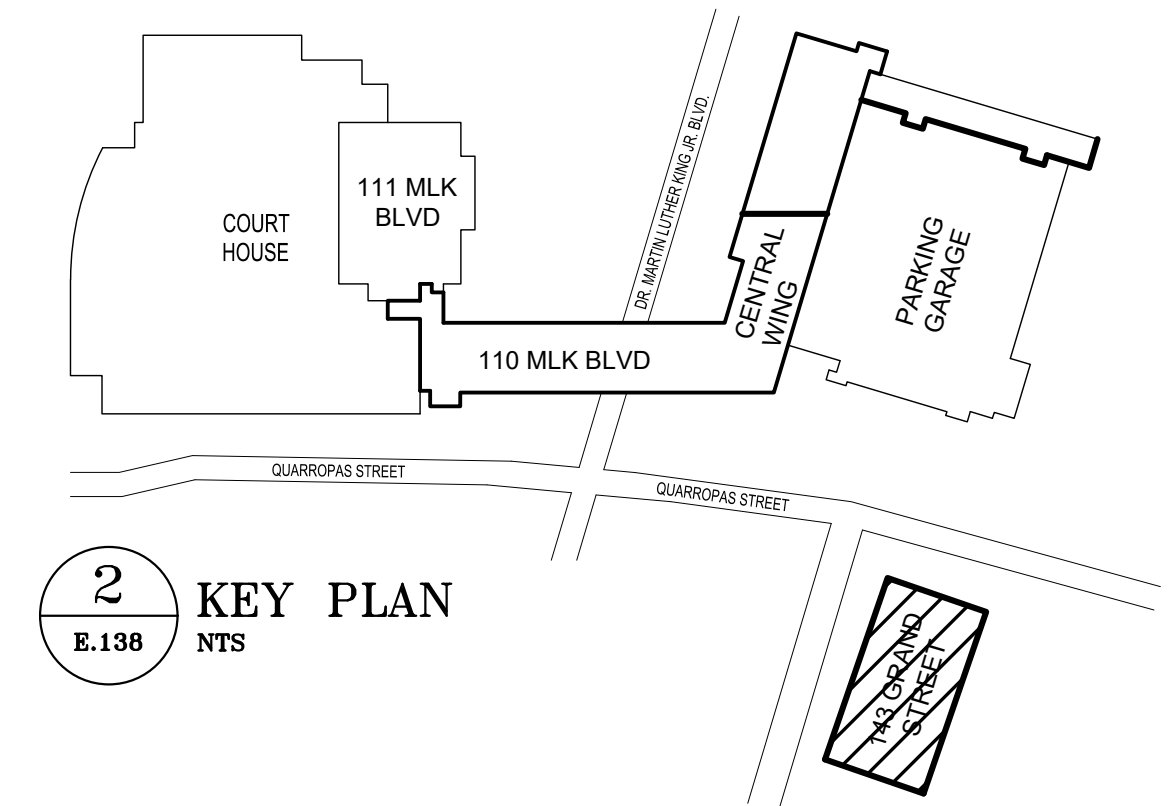
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 ELECTRICAL PLAN - 143 GRAND ST BASEMENT			CONTRACT NUMBER 20-502 SHEET NO. 116 OF 133 SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-11-E-1928 REV NO. 0																									



- | KEY NOTES |  |
|-----------|--|
| ①         | PROVIDE 20A/1P CIRCUIT BREAKER FOR GFI RECEPTACLE IN PANEL LP-2.                 |
| ②         | WIRE NEW SPLIT SYSTEM TO CIRCUIT #1,3 IN PANEL PNL-HVAC WITH 3# 12-# 12G-3/4" C. |
| ③         | CONNECT TO EVAPORATOR CIRCUIT ORIGINATING FROM FLOOR BELOW.                      |
| ④         | PROVIDE 20A/1P CIRCUIT BREAKER FOR ALD.  |
- 
- | GENERAL NOTES |   |
|---------------|---|
| 1.            | CONTRACTOR SHALL COORDINATE ALL ELEVATOR RELATED WORK WITH ELEVATOR CONSULTANT SPECIFICATIONS. CONTRACTOR TO REVIEW ALL ELECTRICAL REQUIREMENTS WITH ELEVATOR SYSTEM VENDOR AND TO REPORT ANY DISCREPANCIES IN DESIGN DOCUMENTS TO ENGINEER PRIOR TO BID. |



**1** ELECTRICAL PLAN - 143 GRAND ST 3RD FLOOR AND LOW ROOF  
 E-138 1/4"=1'-0"

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DIVISION OF ENGINEERING		SHEET NO.	117 OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE:	AS NOTED
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE:	JAN 19, 2024
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	
ELECTRICAL PLAN - 143 GRAND ST 3RD FLOOR AND LOW ROOF		REV NO.	0

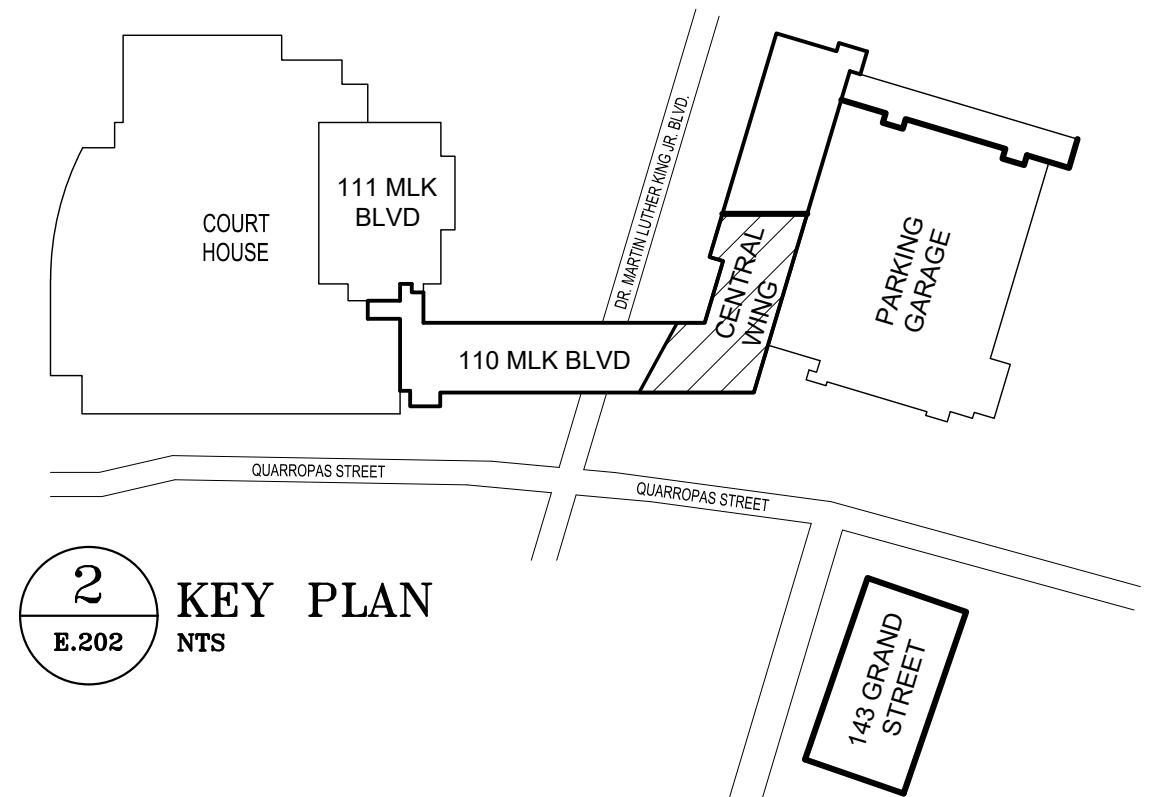


**KEY NOTES**

1. RECONNECT NEW LIGHTING FIXTURES AND LIGHTING FIXTURE CONTROLS TO EXISTING CIRCUIT PRESENTLY SERVING THE AREA. EXTEND 2# 12-#120-3/4" AS REQUIRED.

**GENERAL NOTES**

- REFER TO ARCHITECTURAL PLANS FOR ALL LIGHTING FIXTURE LOCATIONS AND LIGHTING FIXTURE SWITCHES.
- REFER TO E-020 FOR TYPICAL LIGHTING DETAILS.
- LIGHTING FIXTURES ARE TO BE TAKEN AT 217V U.O.N.
- WIRE ALL EXIT SIGN TO EXISTING CIRCUIT SERVING EXISTING EXIT SIGNS.
- FIXTURES DENOTED WITH SUBSCRIPT 'EM' SHALL BE PROVIDED WITH EMERGENCY POWER VIA EMERGENCY LIGHTING PANEL LP-LRE2 AND WIRE FOR FULL-ON OPERATION UPON LOSS OF NORMAL POWER. PROVIDE IL 924 LISTED BYPASS RELAY FOR EACH NORMAL/EM ZONE. EXTEND WIRING FOR NORMAL POWER, EMERGENCY POWER, NORMAL POWER SENSING, AND LOW VOLTAGE AS REQUIRED.
- WIRE ALL EMERGENCY FIXTURES SERVING THIS FLOOR TO CKT#1 IN EMERGENCY LIGHTING PNL LP-LRE2 LOCATED ON THE FLOOR ABOVE.



**1** ELECTRICAL LIGHTING PLAN - 1ST FLOOR CENTRAL WING  
E.202 1/8"=1'-0"

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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		CONTRACT NUMBER 20-502	SHEET NUMBER <b>E-202</b> 118 OF 133																							
ELECTRICAL LIGHTING PLAN - 1ST FLOOR CENTRAL WING		SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO.	REV NO. 0																							

52-11-E-1930

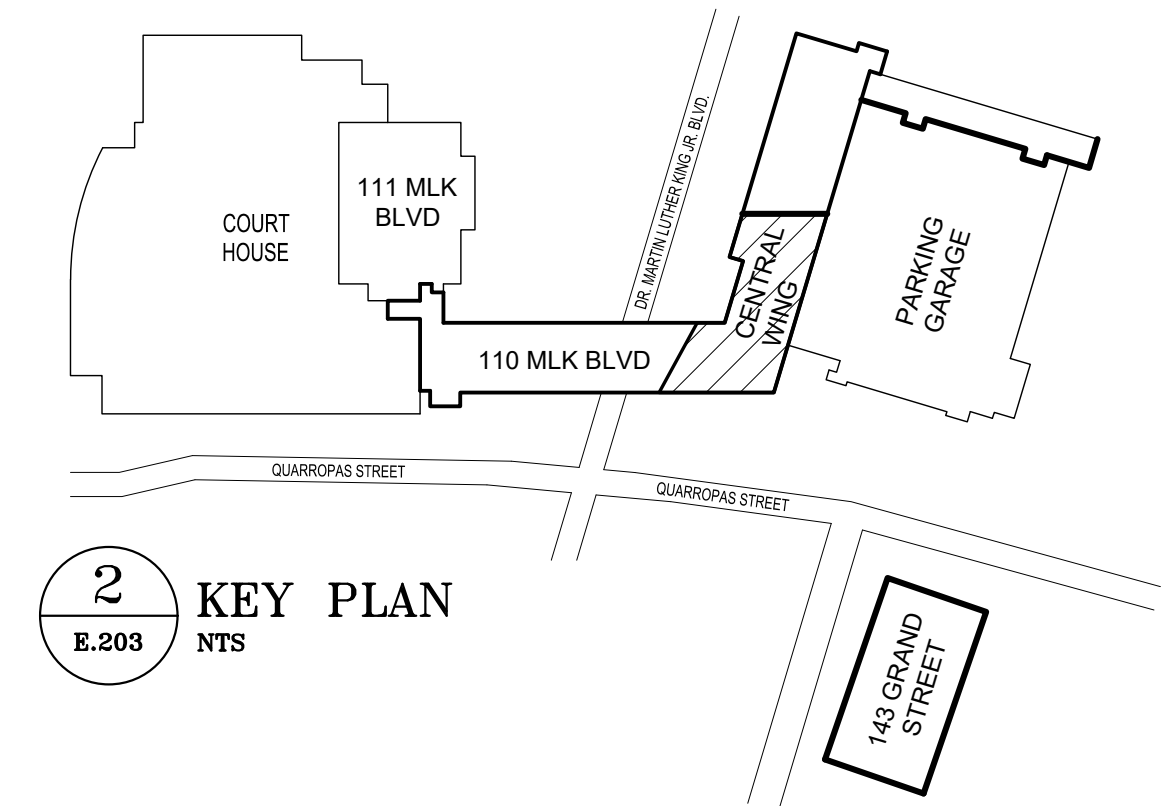


**KEY NOTES**

1 RECONNECT NEW LIGHTING FIXTURES AND LIGHTING FIXTURE CONTROLS TO EXISTING CIRCUIT PRESENTLY SERVING THE AREA. EXTEND 2# 12-#120-3/4" AS REQUIRED.

**GENERAL NOTES**

- REFER TO ARCHITECTURAL PLANS FOR ALL LIGHTING FIXTURE LOCATIONS AND LIGHTING FIXTURE SWITCHES.
- REFER TO E-020 FOR TYPICAL LIGHTING DETAILS.
- LIGHTING FIXTURES ARE TO BE TAKEN AT 211V U.O.N.
- WIRE ALL EXIT SIGN TO EXISTING CIRCUIT SERVING EXISTING EXIT SIGNS.
- FIXTURES DENOTED WITH SUBSCRIPT 'EM' SHALL BE PROVIDED WITH EMERGENCY POWER VIA EMERGENCY LIGHTING PANEL LP-LRE2 AND WIRE FOR FULL-ON OPERATION UPON LOSS OF NORMAL POWER. PROVIDE IL 924 LISTED BYPASS RELAY FOR EACH NORMAL/EM ZONE. EXTEND WIRING FOR NORMAL POWER, EMERGENCY POWER, NORMAL POWER SENSING, AND LOW VOLTAGE AS REQUIRED.
- WIRE ALL EMERGENCY FIXTURES SERVING THIS FLOOR TO CKT#3 IN EMERGENCY LIGHTING PNL LP-LRE2 LOCATED ON THE FLOOR ABOVE.

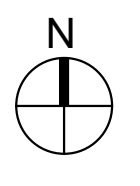


2 KEY PLAN  
E.203 NTS

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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	E-203
DIVISION OF ENGINEERING		SHEET NO. 119 OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: JAN 19, 2024	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	
ELECTRICAL LIGHTING PLAN - 1ST FLOOR NORTH WING		52-11-E-1931	REV NO. 0

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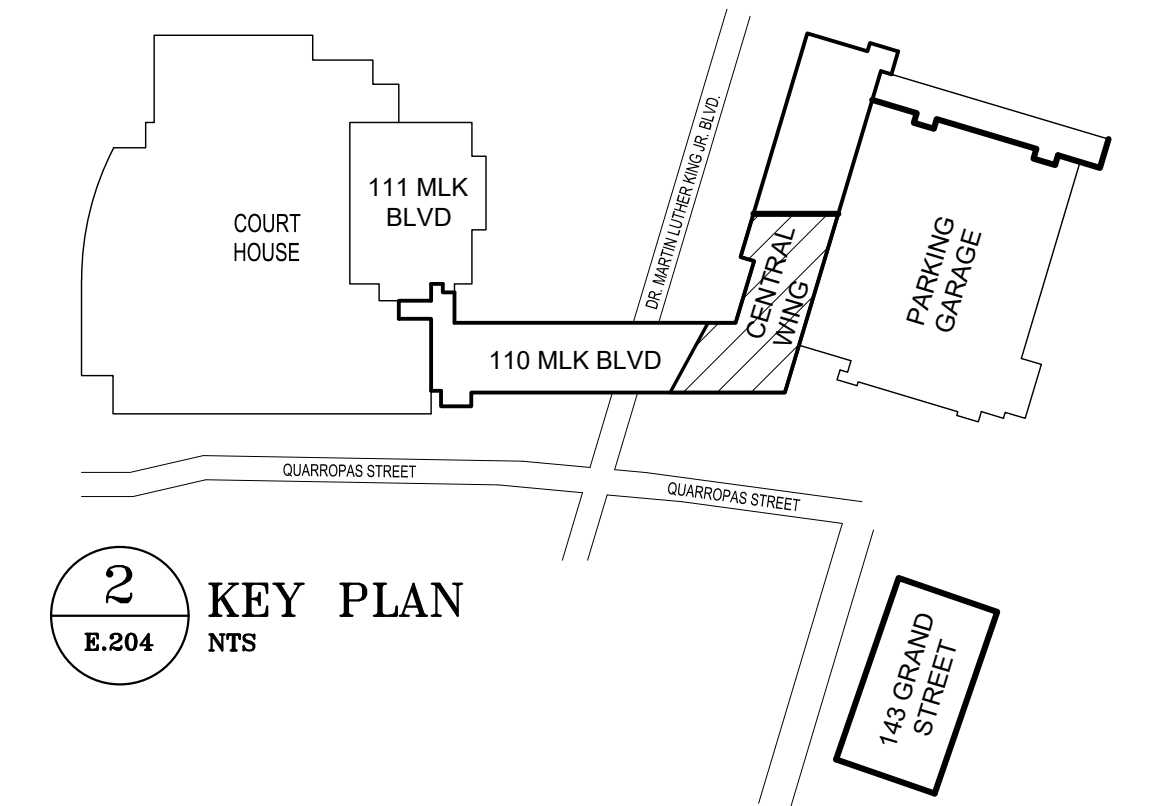
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1 ELECTRICAL LIGHTING PLAN - 1ST FLOOR NORTH WING  
E.203 1/8"=1'-0"



- KEY NOTES**
1. RECONNECT NEW LIGHTING FIXTURES AND LIGHTING FIXTURE CONTROLS TO EXISTING CIRCUIT PRESENTLY SERVING THE AREA. EXTEND 2#12-#120-3/4" AS REQUIRED.
- GENERAL NOTES**
1. REFER TO ARCHITECTURAL PLANS FOR ALL LIGHTING FIXTURE LOCATIONS AND LIGHTING FIXTURE SWITCHES.
  2. REFER TO E-020 FOR TYPICAL LIGHTING DETAILS.
  3. LIGHTING FIXTURES ARE TO BE TAKEN AT 217V U.G.N.
  4. WIRE ALL EXIT SIGN TO EXISTING CIRCUIT SERVING EXISTING EXIT SIGNS.
  5. FIXTURES DENOTED WITH SUBSCRIPT 'EM' SHALL BE PROVIDED WITH EMERGENCY POWER VIA EMERGENCY LIGHTING PANEL LP-LRE2 AND WIRE FOR FULL-ON OPERATION UPON LOSS OF NORMAL POWER. PROVIDE IL 924 LISTED BYPASS RELAY FOR EACH NORMAL/EM ZONE. EXTEND WIRING FOR NORMAL POWER, EMERGENCY POWER, NORMAL POWER SENSING, AND LOW VOLTAGE AS REQUIRED.
  6. WIRE ALL EMERGENCY FIXTURES SERVING THIS FLOOR TO CKT#5 IN EMERGENCY LIGHTING PNL LP-LRE2.



**1** ELECTRICAL LIGHTING PLAN - 2ND FLOOR CENTRAL WING  
 E.204 1/8"=1'-0"

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DIVISION OF ENGINEERING		SHEET NO. 120 OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: JAN 19, 2024	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	
ELECTRICAL LIGHTING PLAN - 2ND FLOOR CENTRAL WING		52-11-E-1932	REV NO. 0



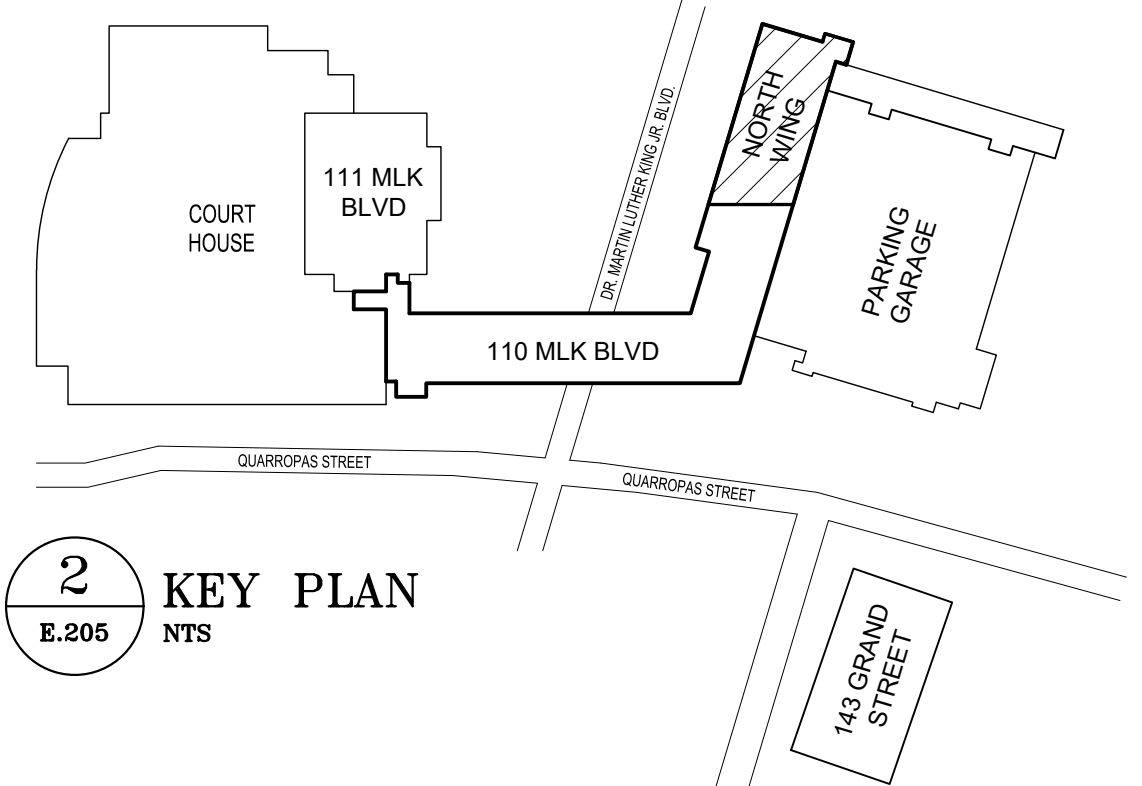


**KEY NOTES**

1. RECONNECT NEW LIGHTING FIXTURES AND LIGHTING FIXTURE CONTROLS TO EXISTING CIRCUIT PRESENTLY SERVING THE AREA. EXTEND 2# 12-#120-3/4" AS REQUIRED.

**GENERAL NOTES**

- REFER TO ARCHITECTURAL PLANS FOR ALL LIGHTING FIXTURE LOCATIONS AND LIGHTING FIXTURE SWITCHES.
- REFER TO E-020 FOR TYPICAL LIGHTING DETAILS.
- LIGHTING FIXTURES ARE TO BE TAKEN AT 217V U.O.N.
- WIRE ALL EXIT SIGN TO EXISTING CIRCUIT SERVING EXISTING EXIT SIGNS.
- FIXTURES DENOTED WITH SUBSCRIPT 'EM' SHALL BE PROVIDED WITH EMERGENCY POWER VIA EMERGENCY LIGHTING PANEL LP-LRE2 AND WIRE FOR FULL-ON OPERATION UPON LOSS OF NORMAL POWER. PROVIDE IL 924 LISTED BYPASS RELAY FOR EACH NORMAL/EM ZONE. EXTEND WIRING FOR NORMAL POWER, EMERGENCY POWER, NORMAL POWER SENSING, AND LOW VOLTAGE AS REQUIRED.
- WIRE ALL EMERGENCY FIXTURES SERVING THIS FLOOR TO CKT#1 IN EMERGENCY LIGHTING PNL LP-LRE2.



**2** KEY PLAN  
E.205 NTS

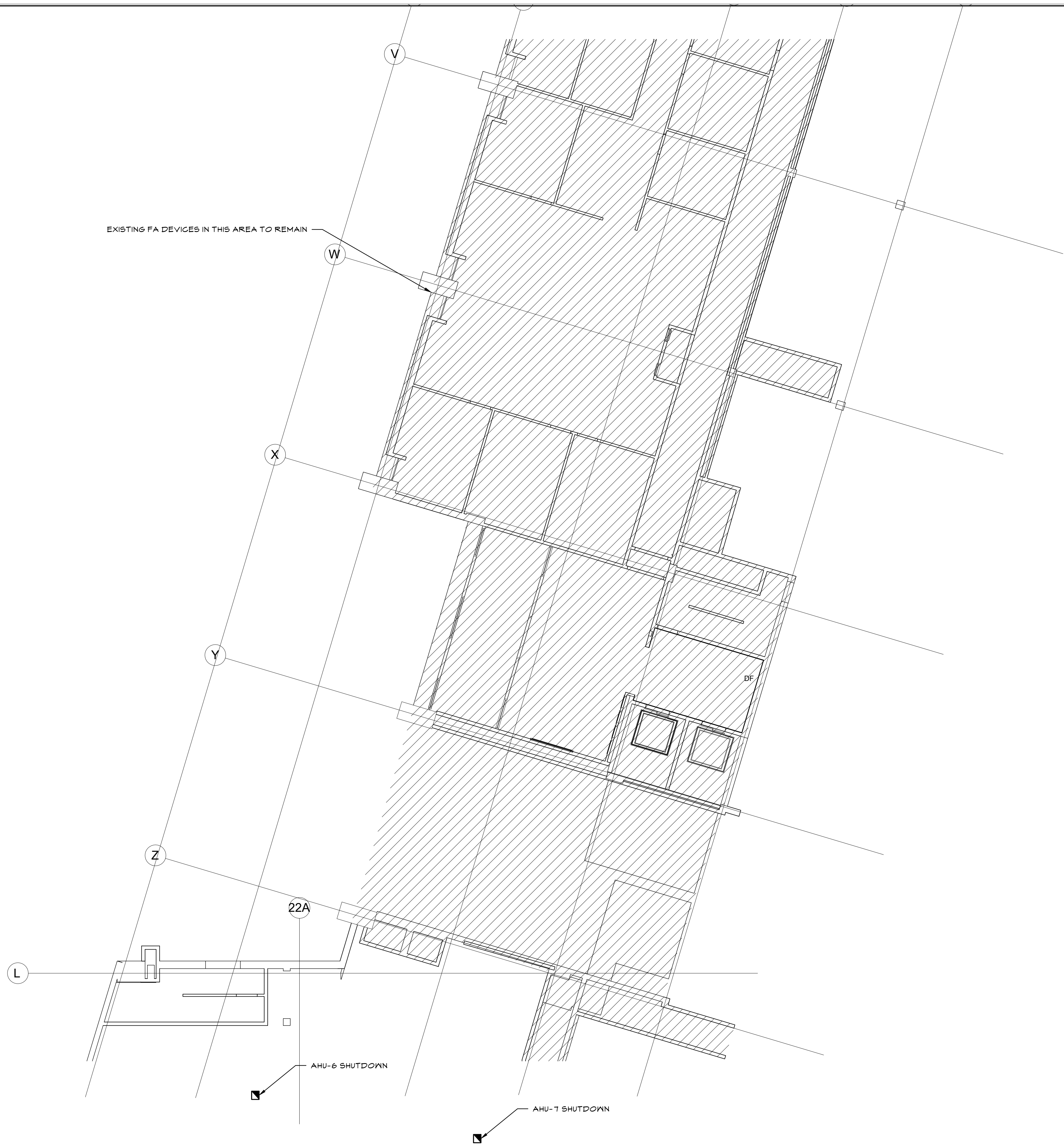
**1** ELECTRICAL LIGHTING PLAN - 2ND FLOOR NORTH WING  
E.205 1/8"=1'-0"

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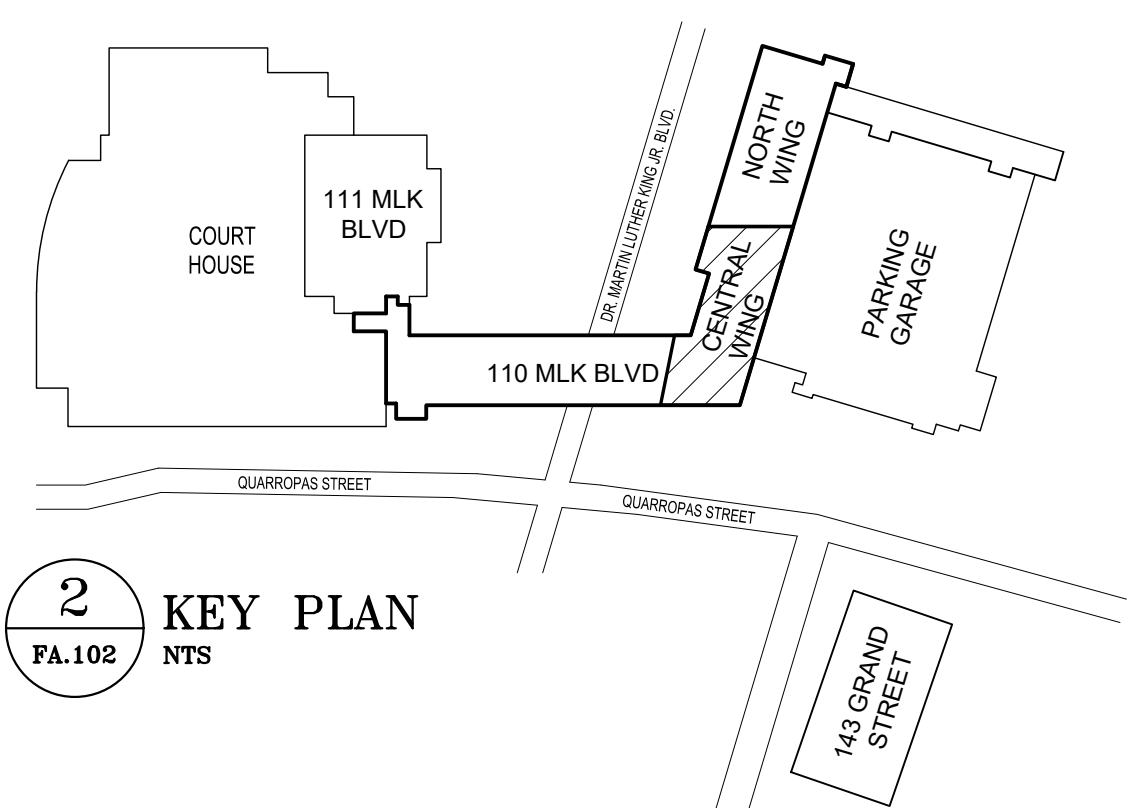
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DIVISION OF ENGINEERING		SHEET NO. 121 OF 133									
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	DATE: JAN 19, 2024								
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: JAN 19, 2024	DPW FILE NO.								
WHITE PLAINS, NEW YORK 10601		DATE: JAN 19, 2024	REV NO.								
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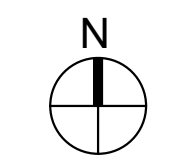




**1** FIRE ALARM PLAN - 1ST FLOOR CENTRAL WING  
 FA.102 1/8"=1'-0"



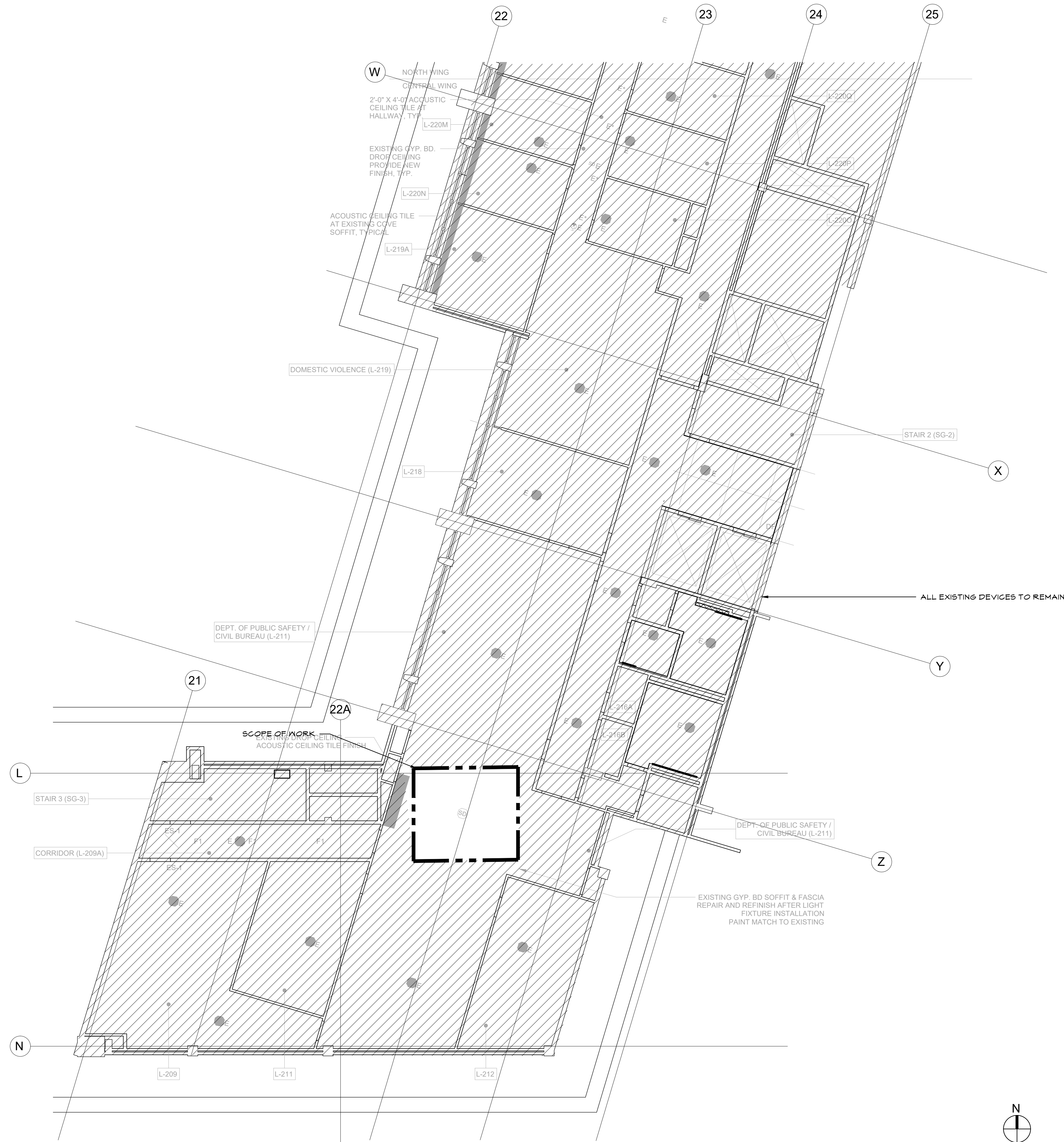
**2** KEY PLAN  
 FA.102 NTS



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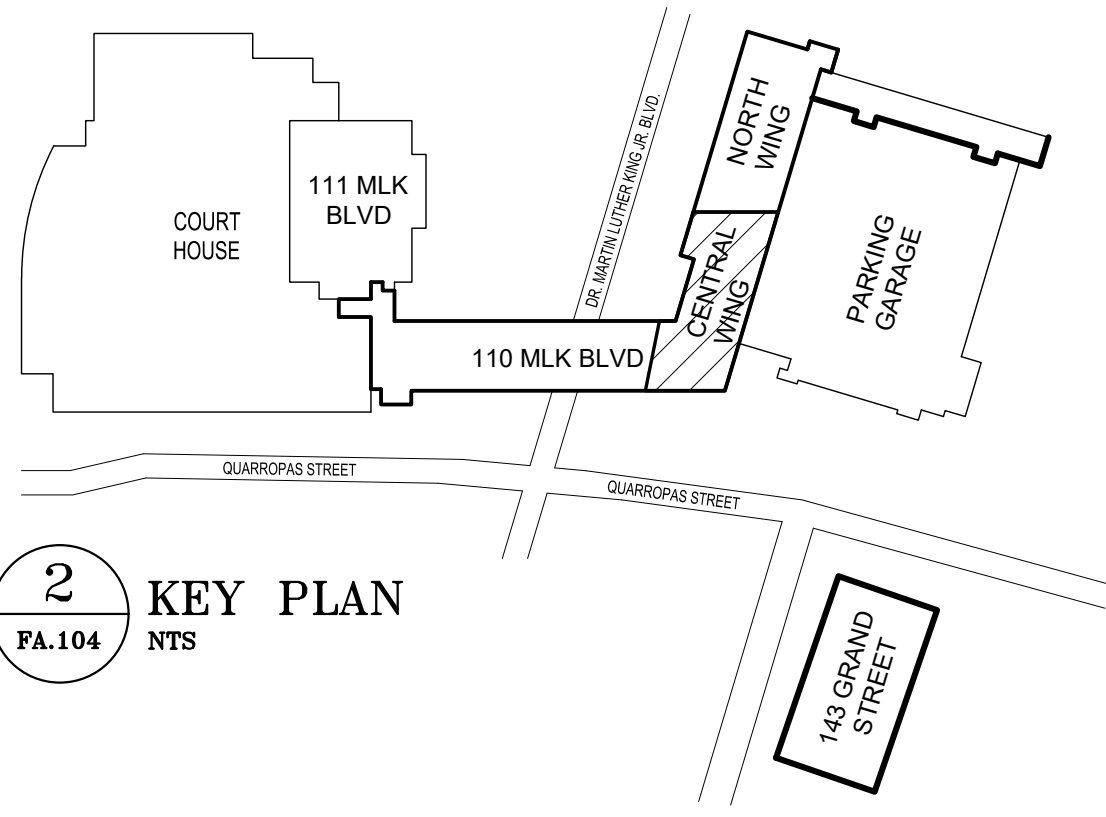
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DIVISION OF ENGINEERING		SHEET NO. 123 OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: JAN 19, 2024	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	
FIRE ALARM PLAN - 1ST FLOOR CENTRAL WING		52-11-FA-1935	REV NO. 0



**GENERAL NOTES**

1. REMOUNT ALL EXISTING SMOKE DETECTORS WITHIN SAME LOCATION OF NEW CEILING. COORDINATE FINAL LOCATION WITH INFIELD CONDITIONS OF NEW CEILING.

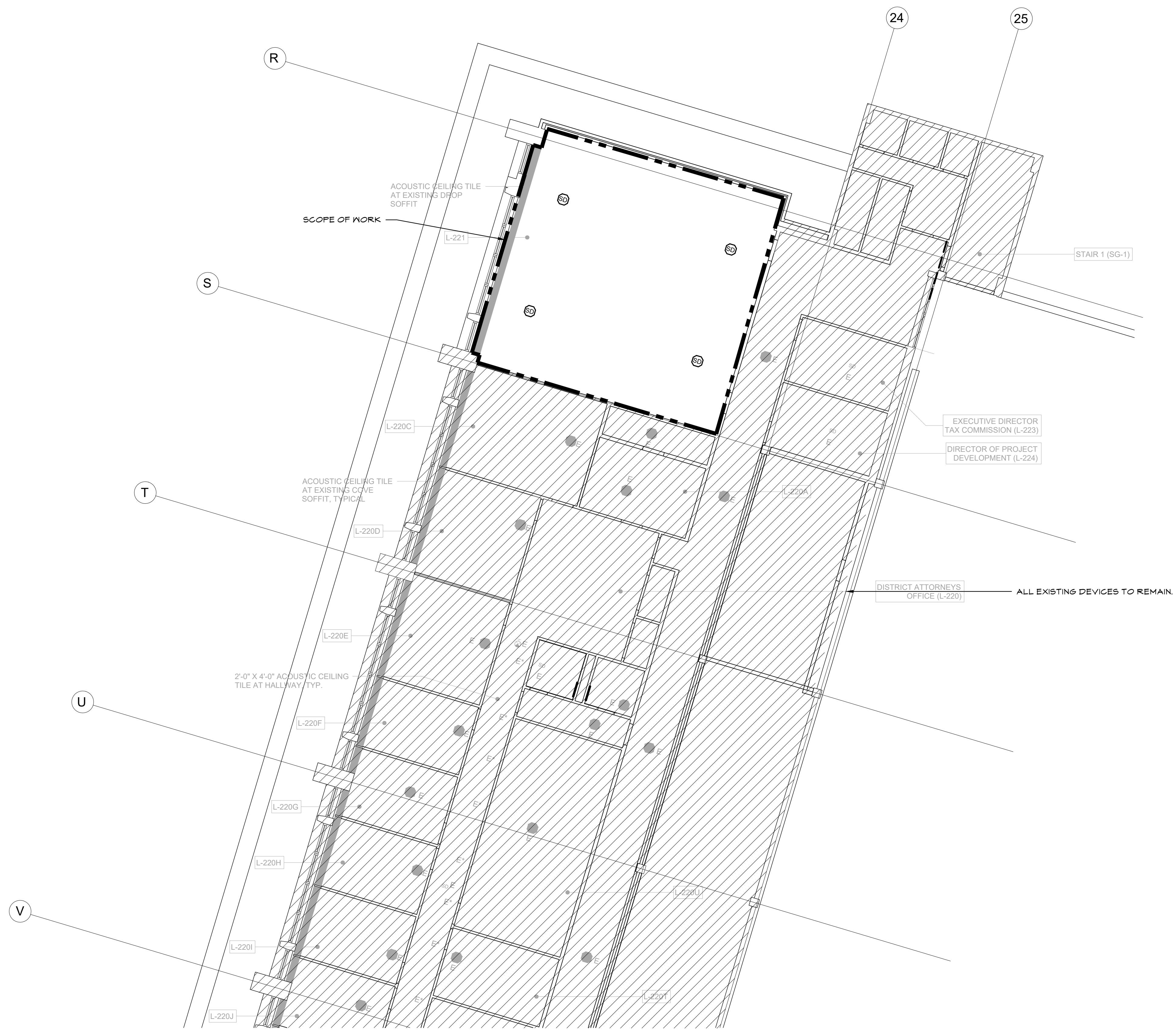


**1 FIRE ALARM PLAN - 2ND FLOOR CENTRAL WING**  
1/8"=1'-0"

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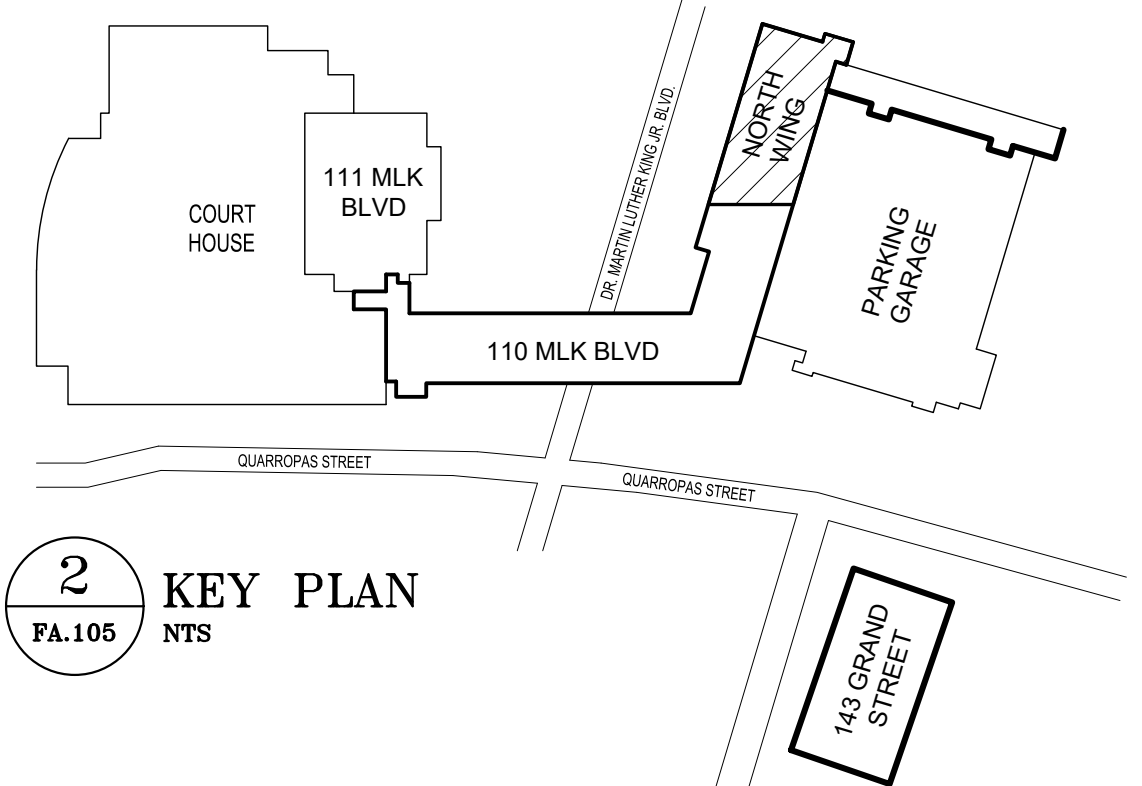
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 CONSULTANT SEAL	CONSULTANT INFORMATION <p style="text-align: center;"><b>Graf &amp; Lewent</b> Architects LLP</p> <p style="text-align: center;">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>																
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FIRE ALARM PLAN - 2ND FLOOR CENTRAL WING	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">CONTRACT NUMBER 20-502</td> <td style="font-size: small;">SHEET NUMBER FA-104</td> </tr> <tr> <td style="font-size: small;">SHEET NO. 124 OF 133</td> <td style="font-size: small;">SCALE: AS NOTED</td> </tr> <tr> <td style="font-size: small;">DATE: JAN 19, 2024</td> <td style="font-size: small;">REV NO. 0</td> </tr> <tr> <td style="font-size: small;">DPW FILE NO. 52-11-FA-1936</td> <td> </td> </tr> </table>	CONTRACT NUMBER 20-502	SHEET NUMBER FA-104	SHEET NO. 124 OF 133	SCALE: AS NOTED	DATE: JAN 19, 2024	REV NO. 0	DPW FILE NO. 52-11-FA-1936									
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SHEET NO. 124 OF 133	SCALE: AS NOTED																
DATE: JAN 19, 2024	REV NO. 0																
DPW FILE NO. 52-11-FA-1936																	



**GENERAL NOTES**

1. REMOUNT ALL EXISTING SMOKE DETECTORS WITHIN SAME LOCATION OF NEW CEILING. COORDINATE FINAL LOCATION WITH INFIELD CONDITIONS OF NEW CEILING.

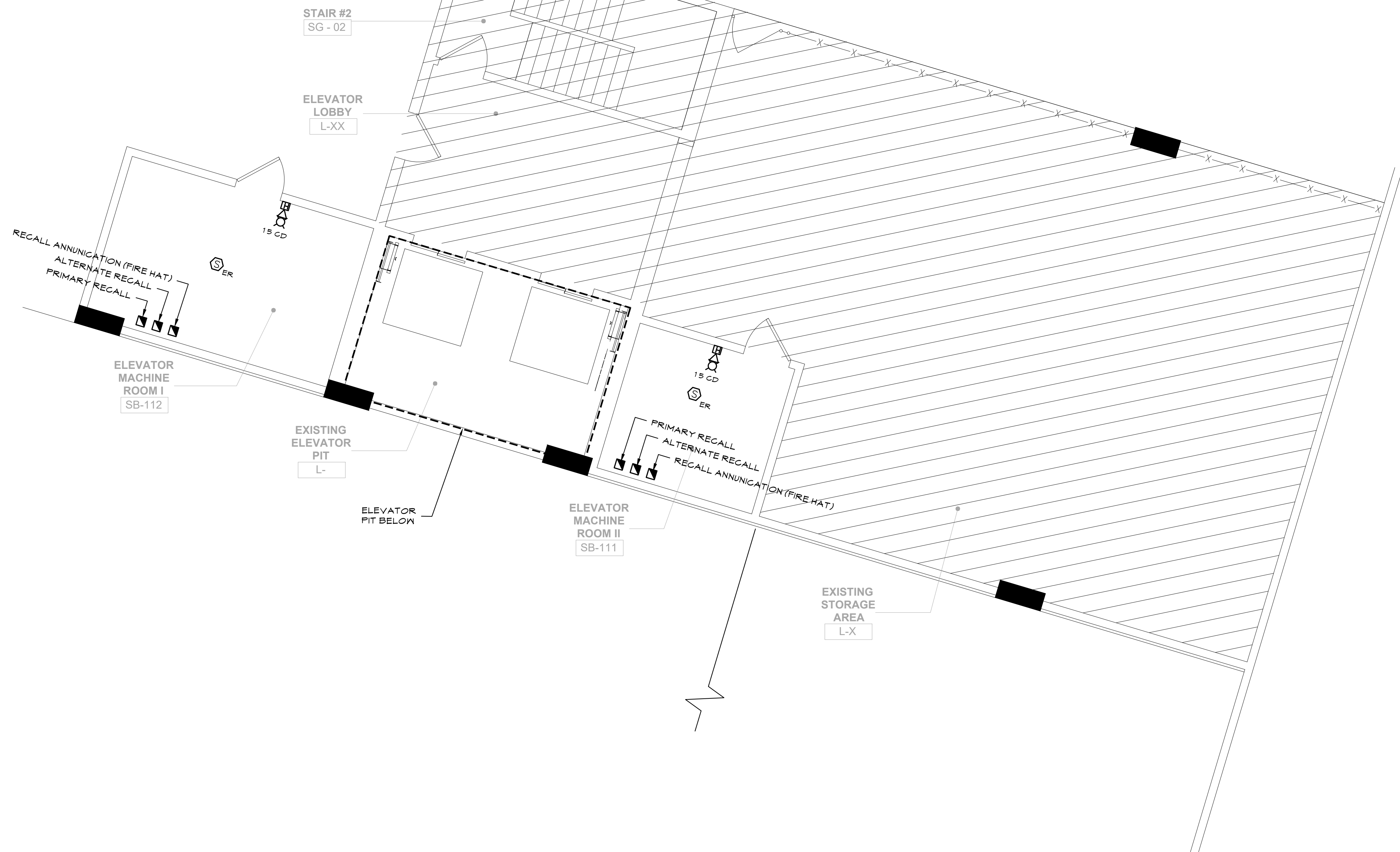


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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING	
CONTRACT NUMBER: 20-502 SHEET NO.: 125 OF 133 SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO.: 52-11-FA-1937	SHEET NUMBER <b>FA-105</b> REV NO. 0
<b>FIRE ALARM PLAN - 2ND FLOOR NORTH WING</b>	

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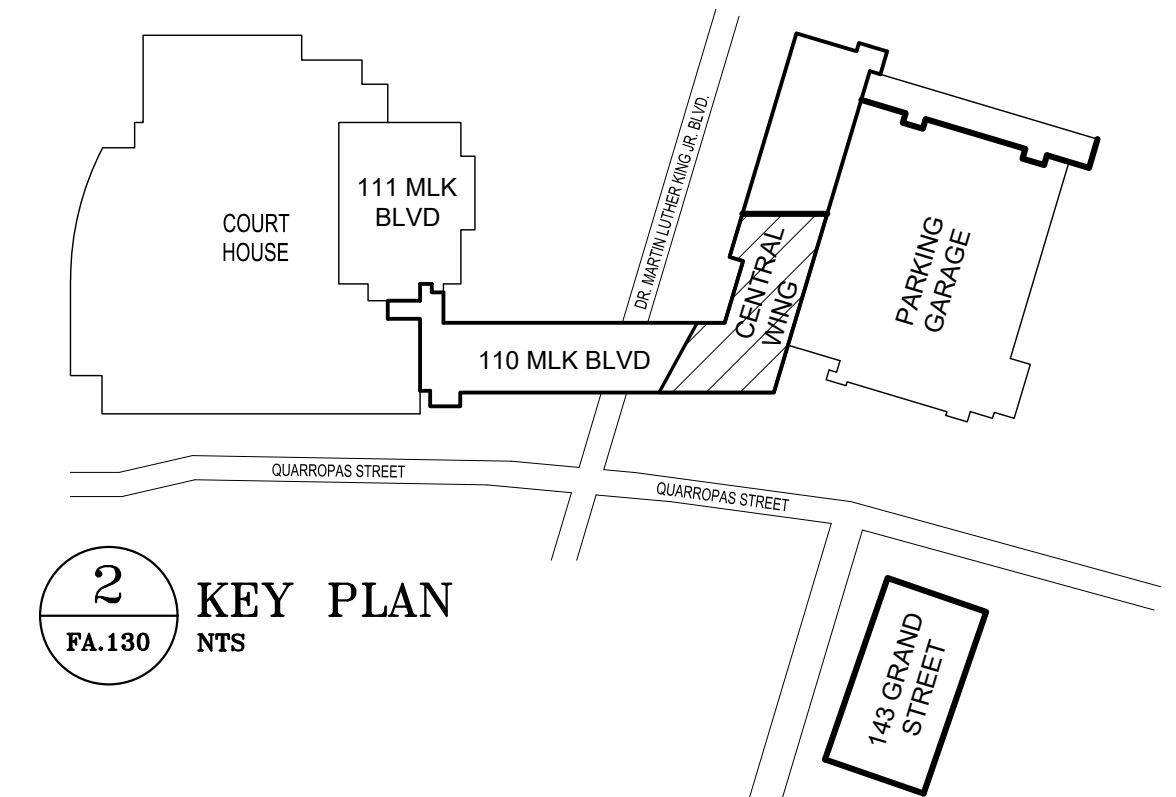
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**1 FIRE ALARM PLAN - 2ND FLOOR NORTH WING**  
FA.105 1/8"=1'-0"



**GENERAL NOTES**

1. NEW FIRE ALARM DEVICES SHALL BE CONNECTED TO EXISTING FIRE ALARM SYSTEM INITIATING DEVICE CIRCUITS.

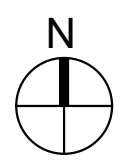


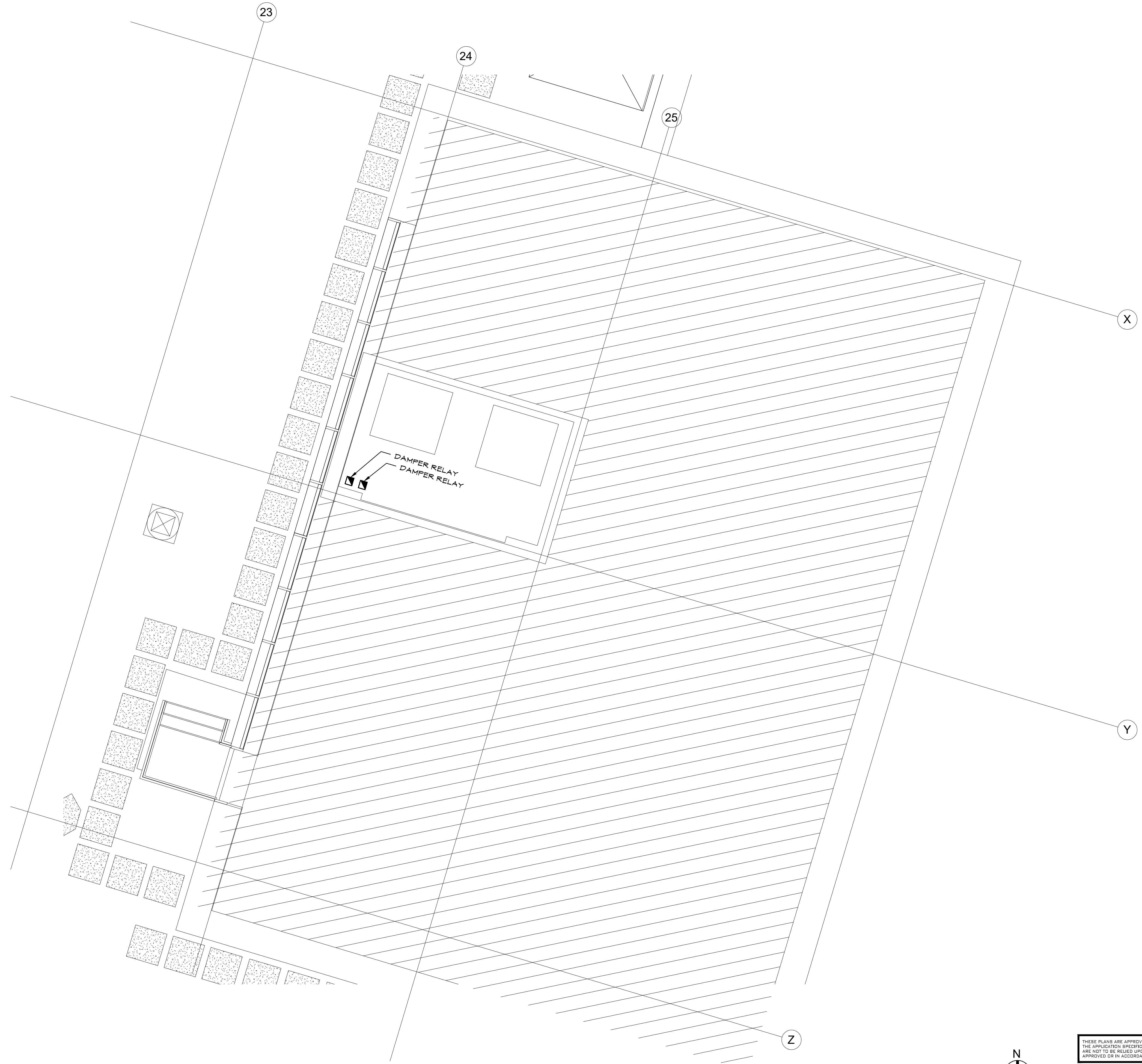
**1** FIRE ALARM PLAN - BASEMENT LEVEL 3 CENTRAL WING ELEVATOR  
 FA-130 1/4"=1'-0"

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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 <b>FIRE ALARM PLAN - BASEMENT LEVEL 3 CENTRAL WING ELEVATOR</b>																										
CONTRACT NUMBER 20-502 SHEET NO. 126 OF 133 SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-11-FA-1938	SHEET NUMBER <b>FA-130</b> REV NO. 0																									





**GENERAL NOTES**

1. NEW FIRE ALARM DEVICES SHALL BE CONNECTED TO EXISTING FIRE ALARM SYSTEM INITIATING DEVICE CIRCUITS.

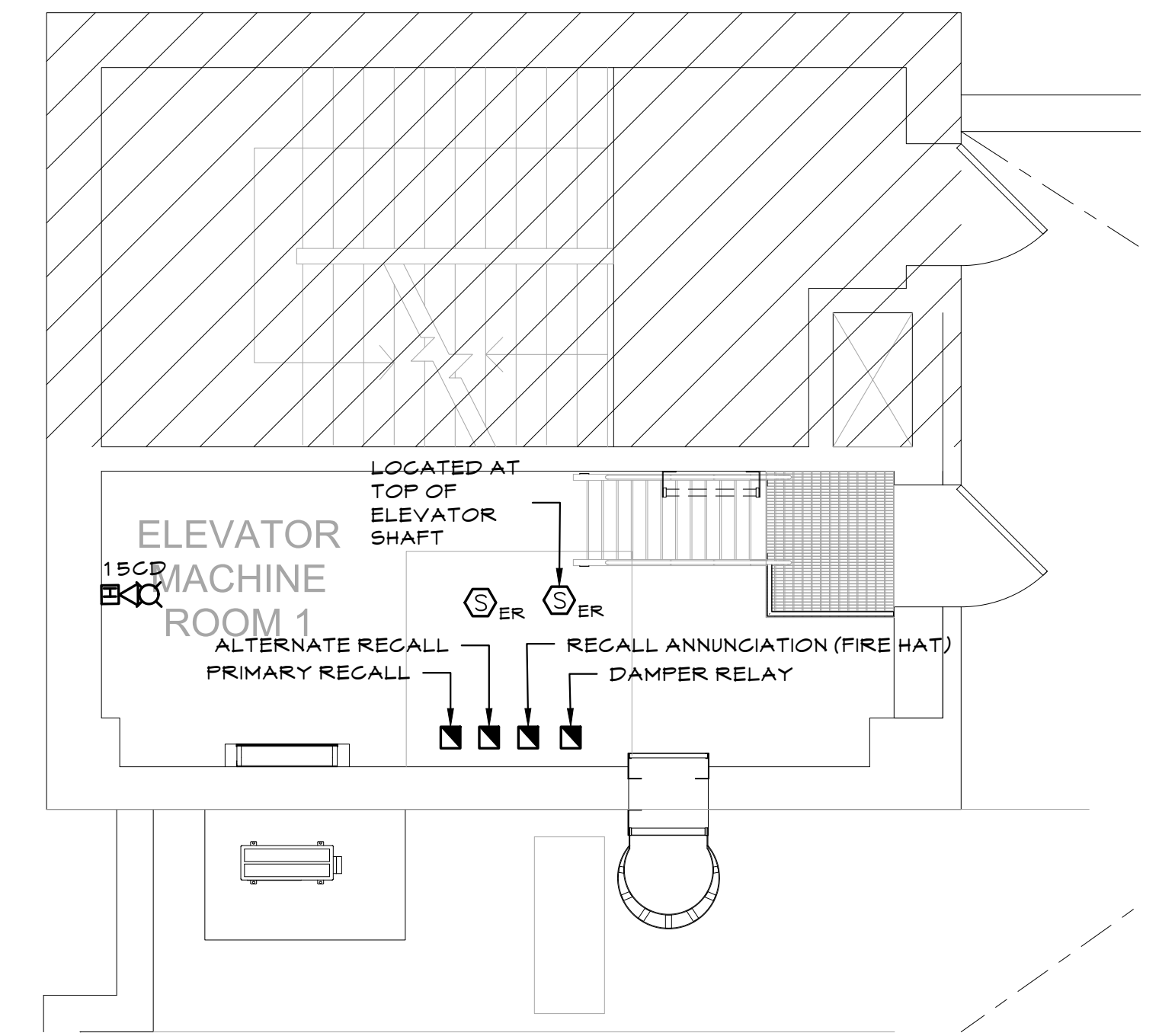
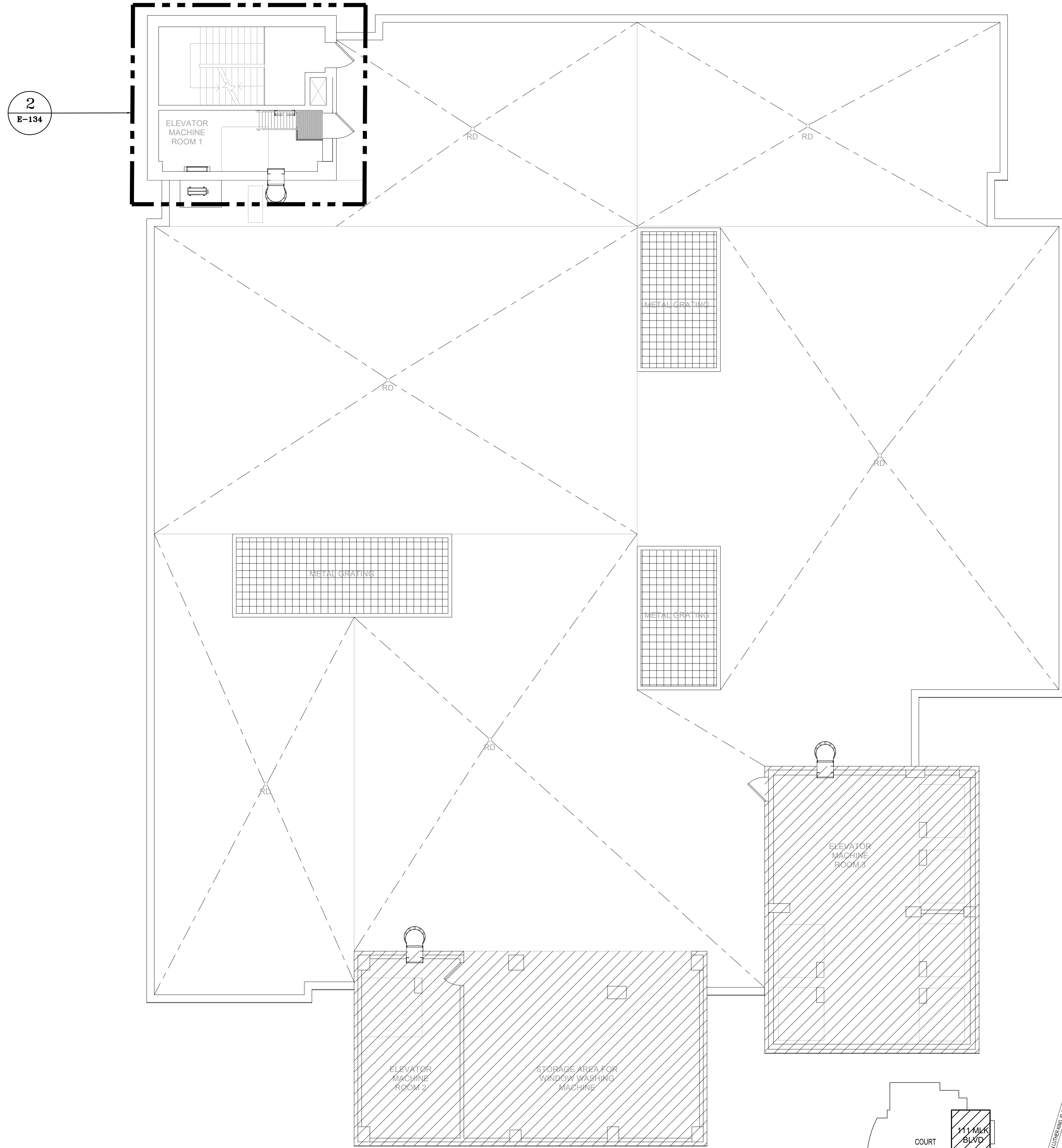
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 <b>FIRE ALARM PLAN - ROOF PLAN - 111 MLK BLVD</b>	
CONTRACT NUMBER 20-502 SHEET NO. 127 OF 133 SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-11-FA-1939	SHEET NUMBER <b>FA-131</b> REV NO. 0

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**1** FIRE ALARM PLAN - ROOF PLAN - 110 MLK BLVD  
 FA.131 1/4"=1'-0"



**2 ELEVATOR MACHINE ROOM PART PLAN**  
FA-135 1/4"=1'-0"

**GENERAL NOTES**

1. NEW FIRE ALARM DEVICES SHALL BE CONNECTED TO EXISTING FIRE ALARM SYSTEM INITIATING DEVICE CIRCUITS.

**1 FIRE ALARM PLAN - COURTHOUSE ROOF PLAN - 111 MLK BLVD**  
FA-135 1/8"=1'-0"

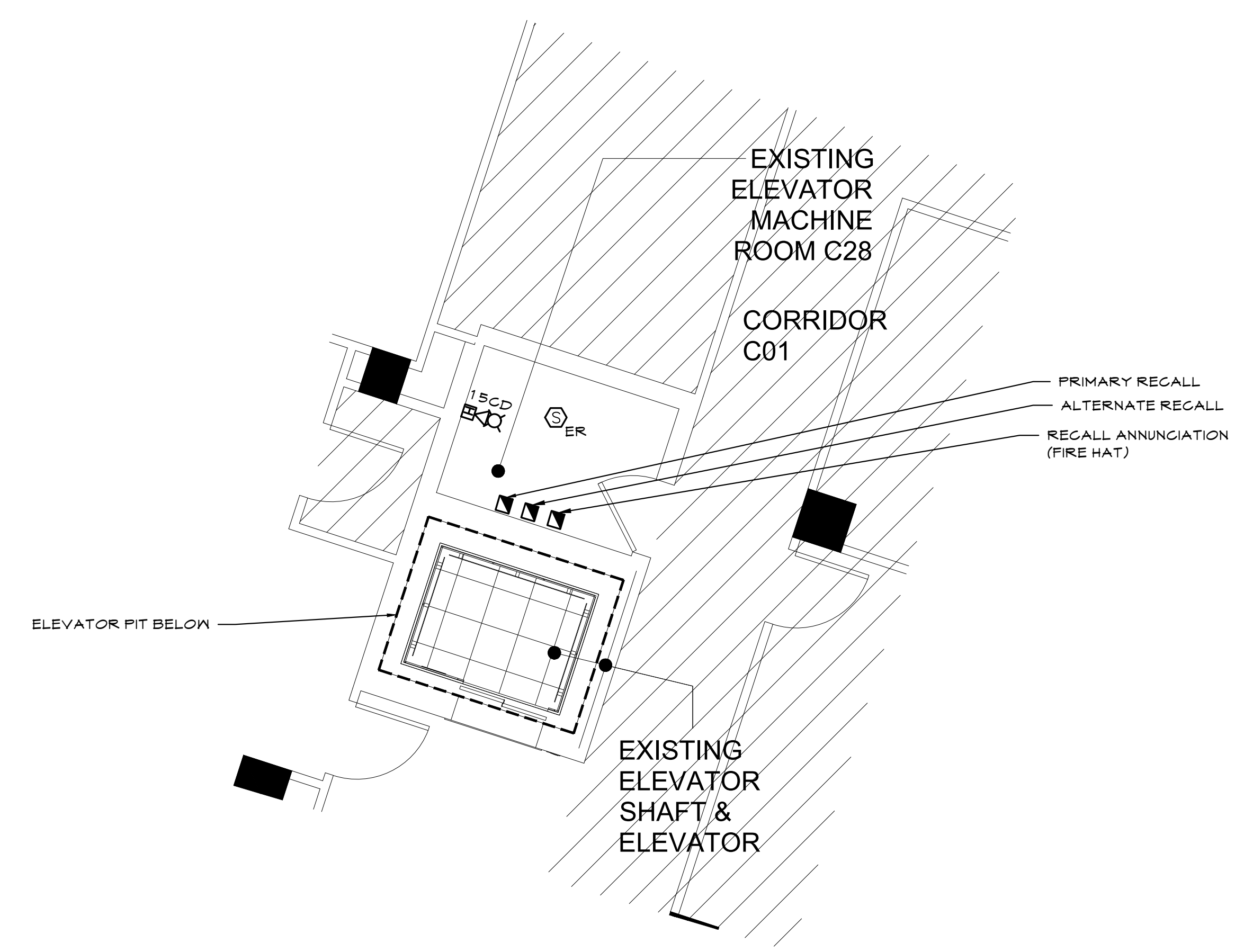
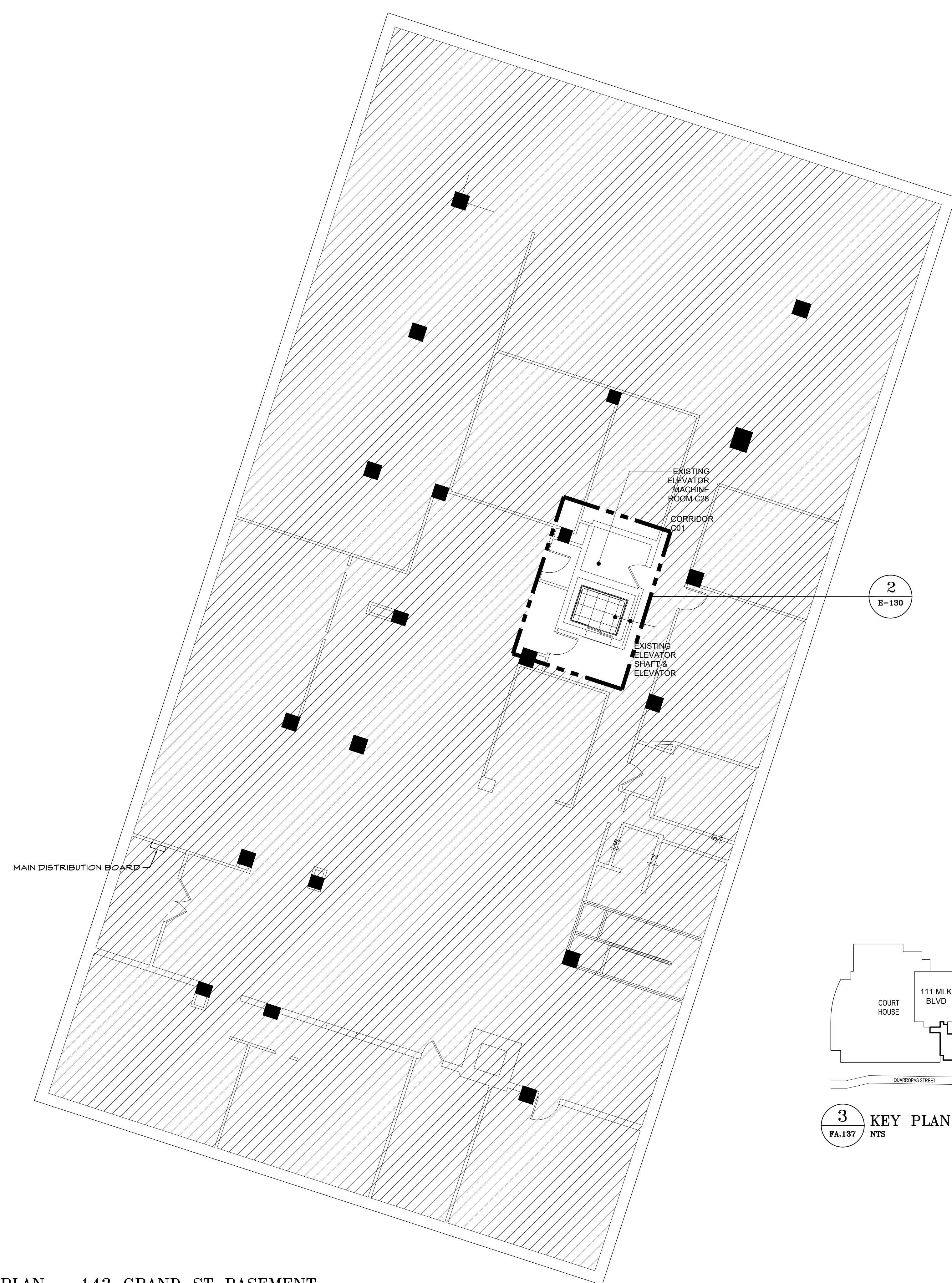
**3 KEY PLAN**  
NTS  
FA.135

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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		20-502	FA-135
DIVISION OF ENGINEERING		SHEET NO. 128 OF 133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: JAN 19, 2024	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	
FIRE ALARM PLAN - COURTHOUSE ROOF PLAN - 111 MLK BLVD		52-11-FA-1940	REV NO. 0

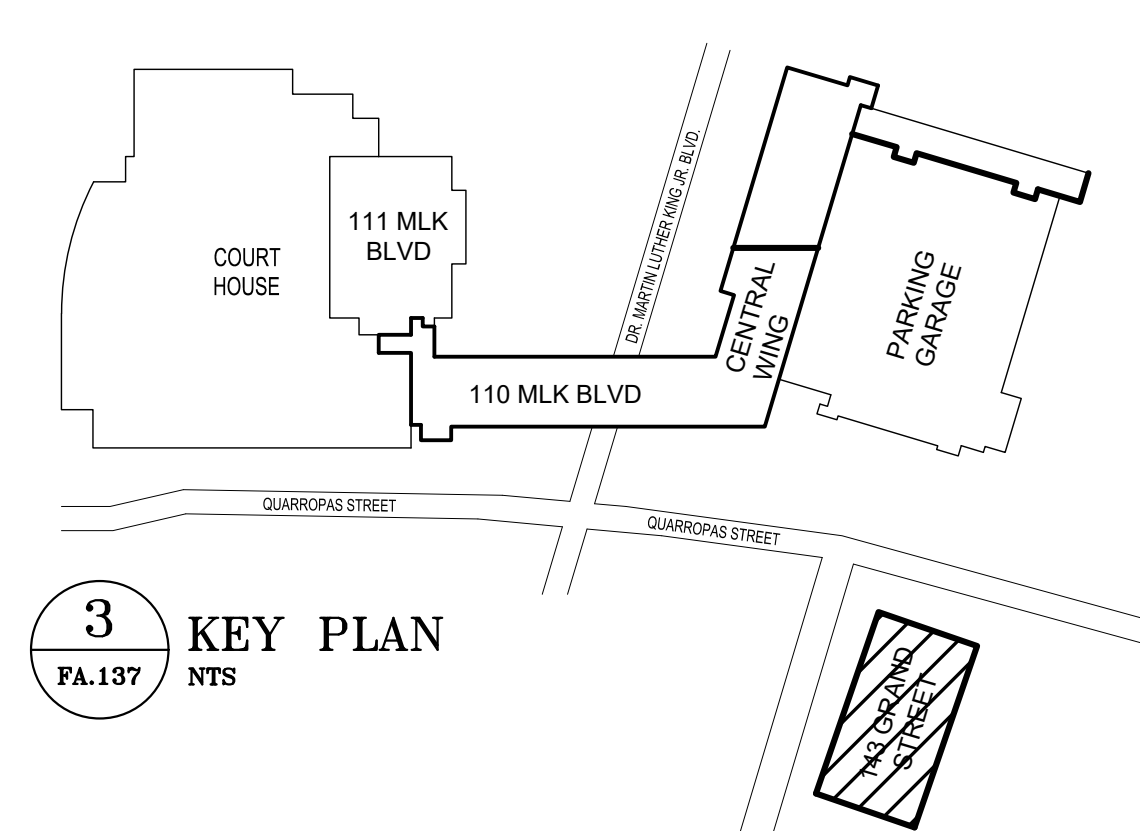




**2** FIRE ALARM - ELEVATOR MACHINE ROOM PART PLAN  
 FA-137 1/4"=1'-0"

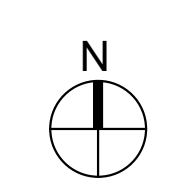
**GENERAL NOTES**

1. NEW FIRE ALARM DEVICES SHALL BE CONNECTED TO EXISTING FIRE ALARM SYSTEM INITIATING DEVICE CIRCUITS.



**3** KEY PLAN  
 FA.137 NTS

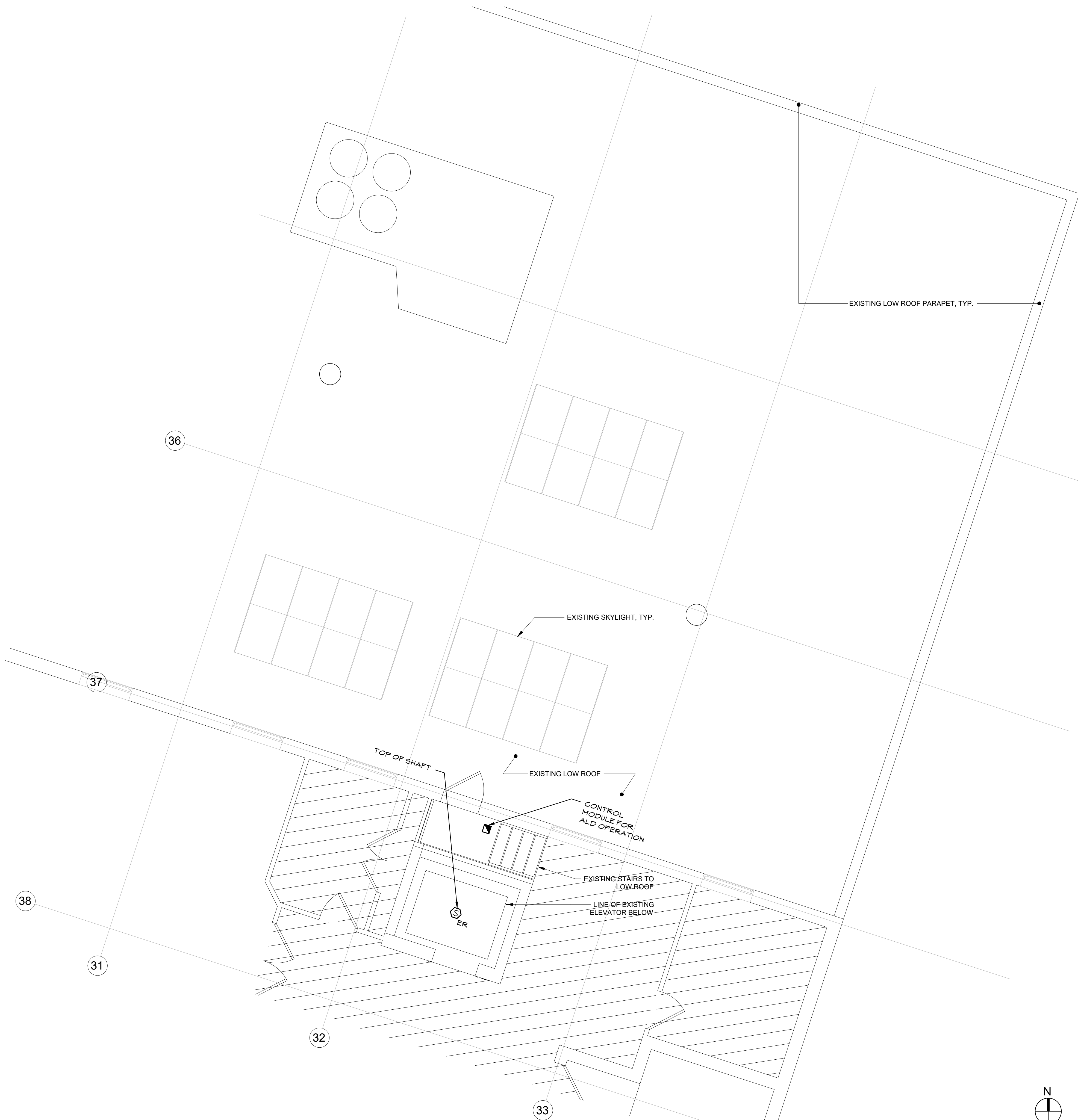
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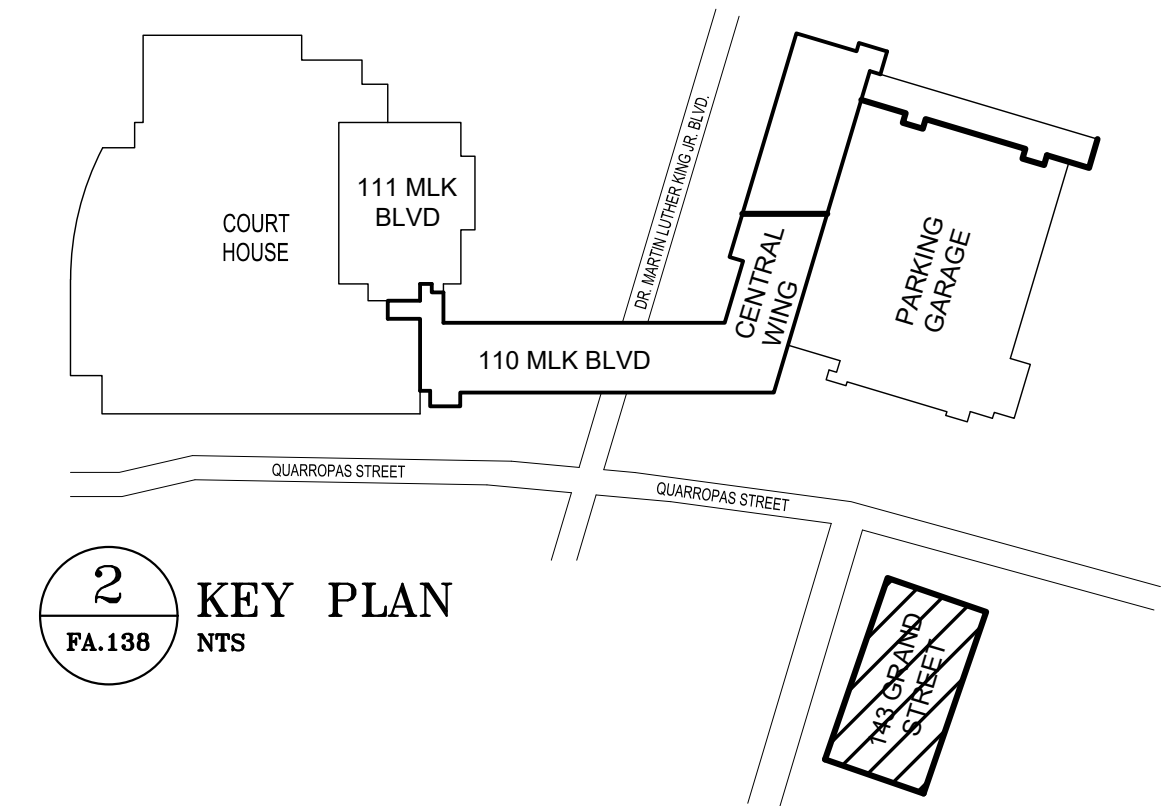
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 FIRE ALARM PLAN - 143 GRAND ST BASEMENT		CONTRACT NUMBER 20-502	SHEET NUMBER <b>FA-137</b> SHEET NO. 129 OF 133 SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-11-FA-1941
		REV NO. 0	

**1** FIRE ALARM PLAN - 143 GRAND ST BASEMENT  
 FA-137 1/8"=1'-0"



**GENERAL NOTES**

1. NEW FIRE ALARM DEVICES SHALL BE CONNECTED TO EXISTING FIRE ALARM SYSTEM INITIATING DEVICE CIRCUITS.

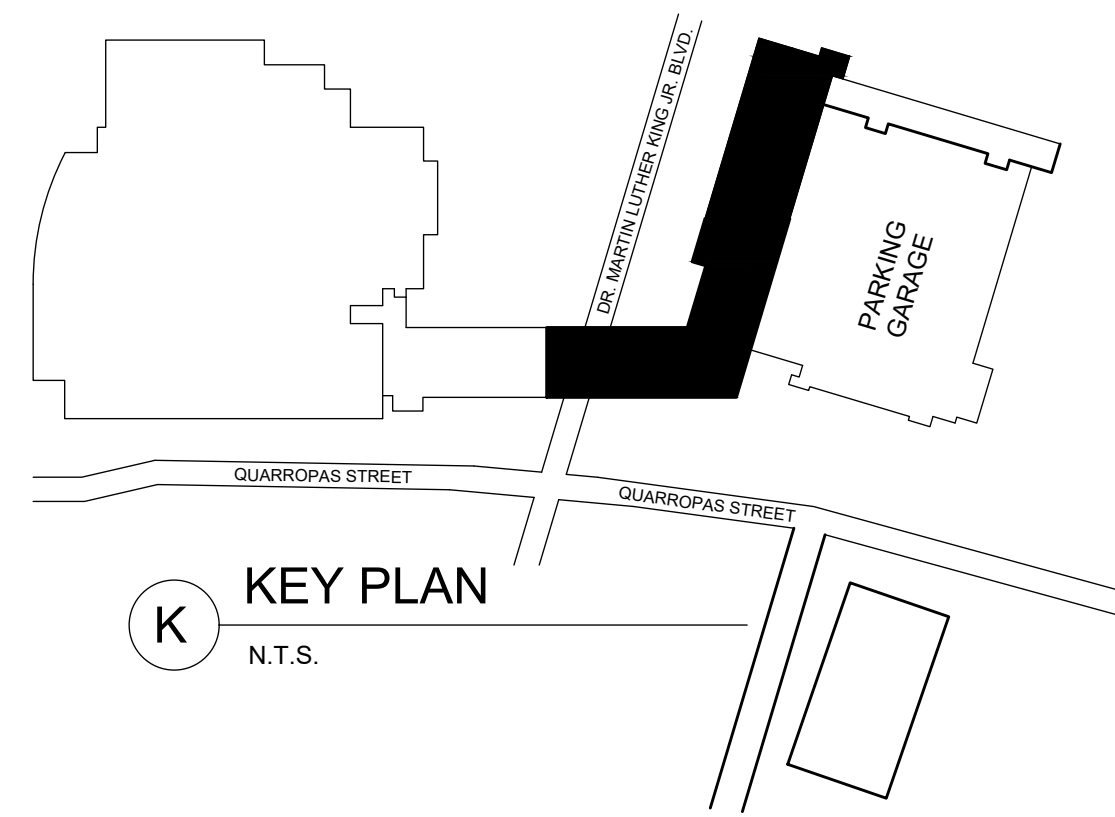


**1** FIRE ALARM PLAN - 143 GRAND ST 3RD FLOOR AND LOW ROOF  
 FA-138 1/4"=1'-0"

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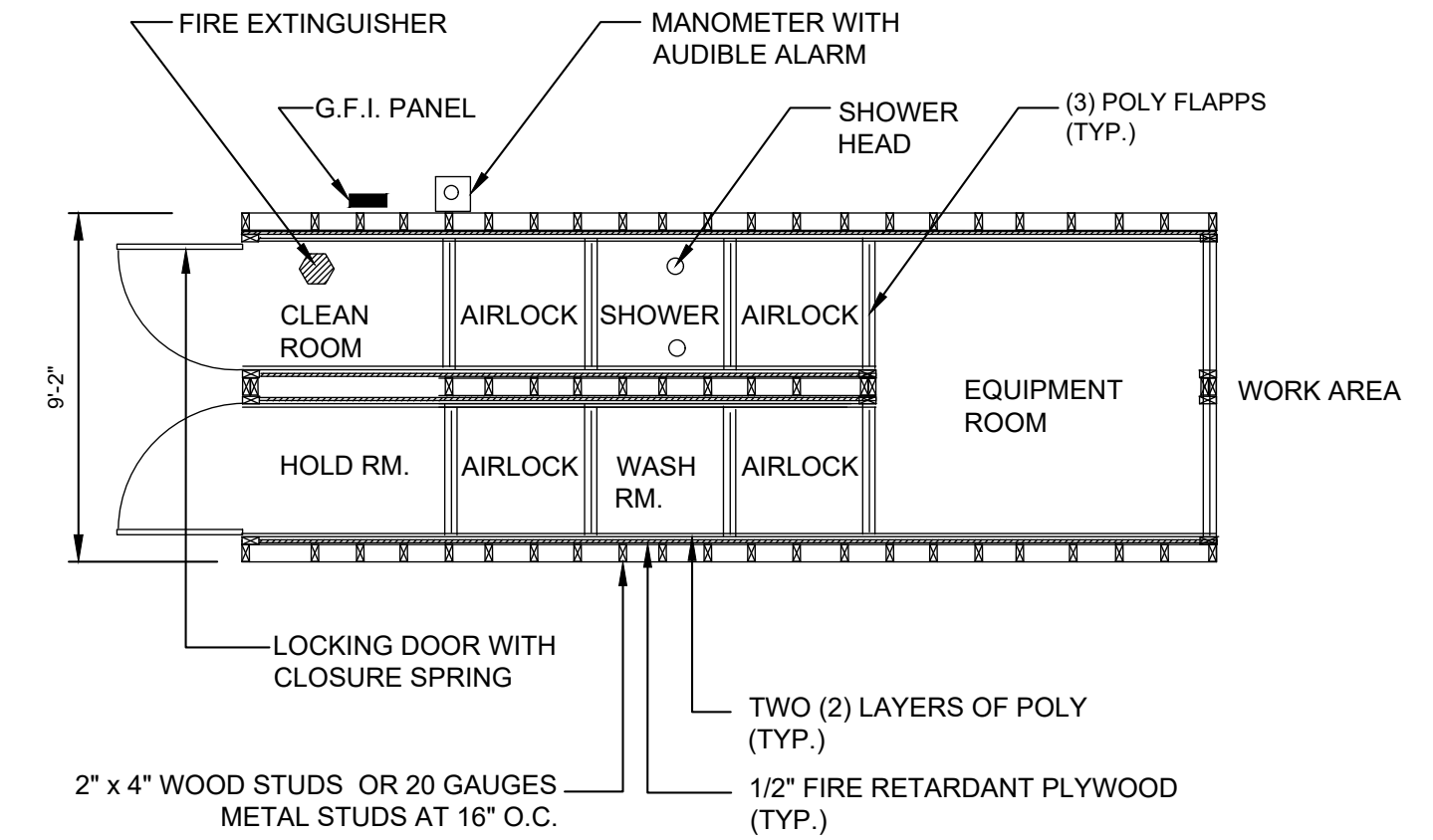
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER: 20-502 <b>FA-138</b> SHEET NO. 130 OF 133	
DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS - PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: JAN 19, 2024 DPW FILE NO. 52-11-FA-1942 REV NO. 0	
<b>3RD AND ROOF FIRE ALARM PLAN - 143 GRAND ST</b>			



**WORK PROCEDURES FOR REMOVAL OF ASBESTOS-CONTAINING FLOOR TILES & MASTIC AND COVE BASE & MASTIC**

1. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE PHASING OF THE WORK. THESE DRAWINGS ARE DIAGRAMMATIC FOR THE SOLE PURPOSE OF INDICATING ACM TO BE REMOVED. COORDINATE WITH THE OWNER THE LOCATION OF EMERGENCY EXITS, NEGATIVE AIR EXHAUST AND WASTE ROUTES. CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH NYSDDL INDUSTRIAL CODE RULE 56-11.7, "NON-FRIABLE FLOORING AND/OR MASTIC REMOVAL".
2. INSTALL A WORKER AND WASTE DECONTAMINATION FACILITY (DECON), WHICH MUST BE ATTACHED TO THE WORK AREA AND MAINTAIN AS PER NYSDDL INDUSTRIAL CODE RULE 56. THE DECON SHALL BE UTILIZED AS THE ENTRANCE AND EXIT FOR EACH WORK AREA. COORDINATE THE LOCATION OF EACH DECONTAMINATION UNIT WITH THE OWNER PRIOR TO INSTALLATION.
3. NYSDDL CERTIFIED ASBESTOS HANDLERS AND SUPERVISORS WEARING DUAL HEPA CARTRIDGE NEGATIVE PRESSURE RESPIRATORS AND TWO (2) FULL BODY TYVEK COVERALLS WILL PERFORM ALL WORK PROCEDURES AS DESCRIBED HEREIN. THE RESPIRATOR SHALL MEET ALL OSHA, NIOSH, AND MSHA STANDARDS FOR ASBESTOS DUST. ALL PERSONNEL ENTERING THE WORK AREA SHALL WEAR RESPIRATORY PROTECTION. ALL ABATEMENT WORK SHALL BE CONDUCTED UNDER THE DIRECT SUPERVISION OF A NYSDDL CERTIFIED ASBESTOS SUPERVISOR, WHO SHALL BE PRESENT ON-SITE DURING ALL WORK PROCEDURES.
4. POST APPROVED ASBESTOS WARNING SIGNS (BILINGUAL) AND DEMARCATATE THE AREA TO PREVENT ENTRY BY UNAUTHORIZED PERSONNEL.
5. ESTABLISH AND MAINTAIN A "NOTIFICATION BOARD" POSTING ( IN PLAIN VIEW ON THE EXTERIOR OF THE DECON) THE REQUIRED CERTIFICATIONS, PANYNJ PLACARD, LICENSES, AND DOCUMENTATION IN ACCORDANCE WITH APPLICABLE REGULATIONS.
6. ASBESTOS CONTAINING MATERIALS TO BE REMOVED SHALL NOT BE DISTURBED UNTIL ALL ENGINEERING CONTROLS ARE ESTABLISHED.
7. RESTRICT ACCESS TO THE WORK SITE USING WARNING TAPE AND CRITICAL BARRIER TO DESIGNATE THE WORK AREA AS OFF LIMITS TO UNAUTHORIZED PERSONNEL.
8. SHUT DOWN AND LOCKOUT ELECTRICAL AND HVAC SERVICE IN THE WORK AREA.
9. PROVIDE TEMPORARY LIGHTING AND POWER TO THE WORK AREA IN ACCORDANCE WITH OSHA REQUIREMENTS FOR WORK AREA SAFETY. ALL ELECTRIC WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CODES.
10. HEPA VACUUM AND WET CLEAN ALL SURFACES WITHIN THE WORK AREA.
11. INSTALL NEGATIVE AIR MACHINES (MICROTRAPS) TO ESTABLISH A NEGATIVE PRESSURE IN THE WORK AREA EQUAL TO 0.02 INCHES OF WATER COLUMN OR GREATER. EXHAUST ALL WORK AREA AIR OUTDOORS WITH NECESSARY CONNECTIONS, FASTENERS, FLEXIBLE DUCTS, MANIFOLDS, SUPPORTS ETC. EXHAUST DUCT LOCATION SHALL BE FIELD DETERMINED.
12. SECURE WITH DUCT TAPE AND SPRAY ADHESIVE TWO SEPARATE LAYERS OF SIX MIL POLY ON ALL OPENINGS (I.E. WINDOWS, DOORS, VENTS) AS CRITICAL BARRIERS.
13. SECURE WITH DUCT TAPE AND SPRAY ADHESIVE TWO SEPARATE LAYERS OF SIX MIL POLY ON ALL LIGHT FIXTURES, NON-MOVABLE OBJECTS, ETC. BEING CAREFUL NOT TO COVER THE FLOOR.
14. NOTIFY ATC TO INSPECT THE WORK AREA FOR COMPLIANCE WITH ALL APPLICABLE REGULATIONS PRIOR TO THE START OF ACM REMOVAL. UPON APPROVAL OF ATC, THE CONTRACTOR SHALL BEGIN REMOVAL PROCEDURES.
15. ALL ASBESTOS CONTAINING MATERIALS TO BE REMOVED ARE TO BE KEPT WET BY CONSTANTLY MISTING WITH AMENDED WATER. ONCE THE ASBESTOS CONTAINING MATERIAL IS REMOVED, IT MUST BE IMMEDIATELY PLACED DIRECTLY INTO 6-MIL POLYETHYLENE DISPOSAL BAGS. DO NOT ALLOW LOOSE MATERIAL OR VISIBLE DEBRIS TO REMAIN ON THE FLOOR.
16. BAGS CONTAINING ASBESTOS WASTE SHALL BE MISTED WITH AMENDED WATER, TWIST SHUT IN A GOOSE NECK FASHION, AND SEALED WITH DUCT TAPE. PLACE DISPOSAL BAGS INTO A SECOND 6-MIL POLYETHYLENE DISPOSAL BAG, TWIST SHUT IN A GOOSE NECK FASHION, AND SEAL WITH DUCT TAPE. THE SECOND DISPOSAL BAG SHALL BE PROPERLY MARKED WITH OSHA, USEPA, USDOT AND NESHAP LABELS.

17. BAGGED AND LABELED WASTE SHALL BE TRANSPORTED IN COVERED CARTS FROM THE WORK AREA TO AN ENCLOSED AND LOCKABLE WASTE CONTAINER LOCATED IN THE BUILDING DRIVEWAY ON MARTINE AVENUE FOR SUBSEQUENT TRANSPORT BY A LICENSED ASBESTOS WASTE HAULER AND DISPOSAL AT A CERTIFIED ASBESTOS WASTE LANDFILL. NO ASBESTOS WASTE SHALL BE TRANSPORTED FROM THE FACILITY WITHOUT PRIOR APPROVAL BY ATC AND THE COMPLETION OF ALL WASTE MANIFEST FORMS.
18. ONCE REMOVAL IS COMPLETE, FINE CLEAN THE WORK AREA WITH HEPA VACUUMS AND WET WIPING TECHNIQUES. AFTER THE WORK AREA IS ALLOWED TO DRY COMPLETELY, IT WILL BE INSPECTED BY ATC. UPON APPROVAL, ATC SHALL PERFORM CLEARANCE AIR MONITORING IN ACCORDANCE WITH NYSDDL INDUSTRIAL CODE 56 AND EPA AHERA REGULATIONS.
19. RECLEAN ALL SURFACES IN THE WORK AREA IF THE INSPECTION OR THE CLEARANCE AIR TESTS FAIL.
20. FOLLOWING RECEIPT OF ACCEPTABLE AIR CLEARANCE RESULTS AND APPROVAL BY ATC, CONTRACTOR SHALL REMOVE ISOLATION BARRIERS AND WORK AREA COMPONENTS AND DEMOBILIZE FROM THE SITE. ALL POLYETHYLENE SHEETING, DUCT TAPE, SUITS, ETC. SHALL BE DISPOSED OF AS ASBESTOS CONTAINING WASTE.
21. UPON COMPLETION OF THE FINAL BREAKDOWN PROCEDURES, THE CONTRACTOR SHALL REQUEST A FINAL VISUAL INSPECTION FROM ATC. UPON APPROVAL BY ATC, THE ASBESTOS ABATEMENT WORK AREA SHALL BE AUTHORIZED FOR REOCCUPANCY.



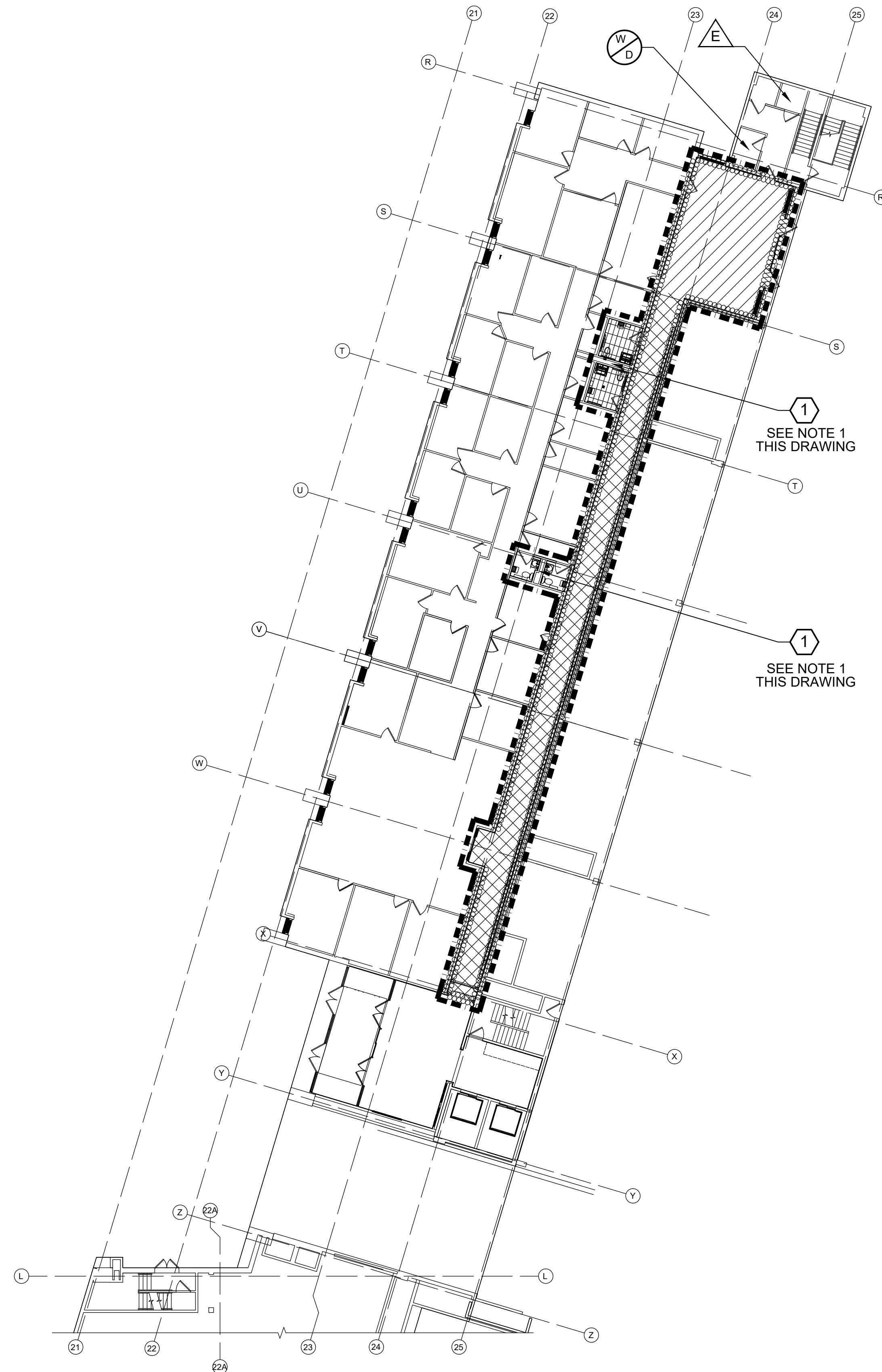
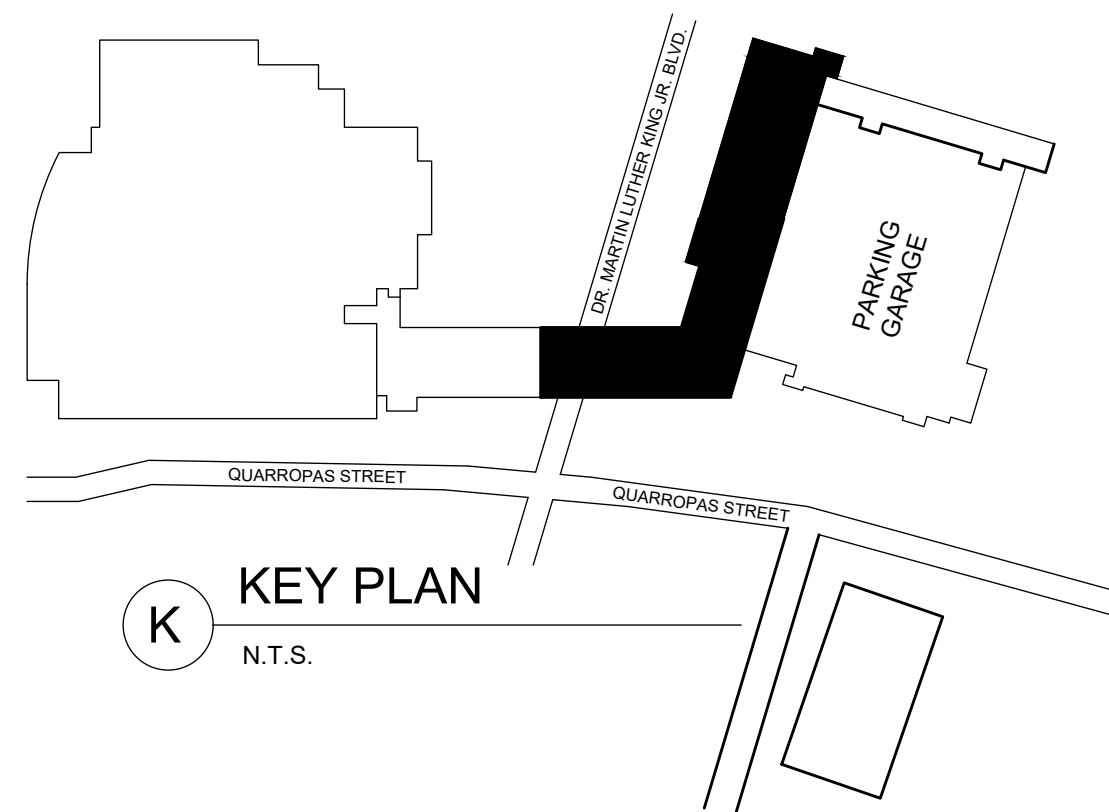
NOTE:  
CONFIGURATION OF DECONTAMINATION FACILITY COULD CHANGE DUE TO FIELD CONDITIONS.

**1 DECONTAMINATION FACILITY FLOOR PLAN - TYPICAL**  
N.T.S.

**ACM ABATEMENT SCHEDULE**

FLOOR	MATERIAL DESCRIPTION	APPROXIMATE QUANTITY	
		SQUARE FEET (SF)	LINEAR FEET (LF)
1	ASBESTOS CONTAINING MASTIC UNDER FLOOR TILE	600	-
	ASBESTOS CONTAINING VINYL FLOOR TILE AND MASTIC	930	-
	ASBESTOS CONTAINING VINYL COVE BASE MASTIC	200	-
	PRESUMED ASBESTOS CONTAINING PIPE INSULATION	-	80
2	ASBESTOS CONTAINING VINYL FLOOR TILE AND MASTIC	3,000	-
	ASBESTOS CONTAINING VINYL COVE BASE MASTIC	365	-
	PRESUMED ASBESTOS CONTAINING PIPE INSULATION	-	80

		CONSULTANT INFORMATION <b>Graf &amp; Lewent Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APPD BY
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-502	SHEET NUMBER <b>AA-001</b>
PHASE II LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK WORK PROCEDURES, ABATEMENT SCHEDULE AND DETAIL		SCALE: N/A DATE: 01-19-2024 DPW FILE NO. 52-11-AB-1943-0	SHEET NO. 131 OF 133 Issue Date REV NO.



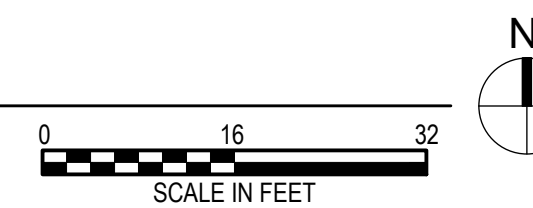
**LEGEND**

SYMBOL	DESCRIPTION
	ASBESTOS CONTAINING MASTIC UNDER FLOOR TILE
	ASBESTOS CONTAINING VINYL FLOOR TILE AND MASTIC
	ASBESTOS CONTAINING VINYL COVE BASE MASTIC
	PRESUMED ASBESTOS CONTAINING PIPE INSULATION IN RESTROOM PIPE CHASE
	WORK AREA LIMIT
	WATER/DRAIN SUPPLY (V.I.F.)
	ELECTRICAL POWER SUPPLY (V.I.F.)

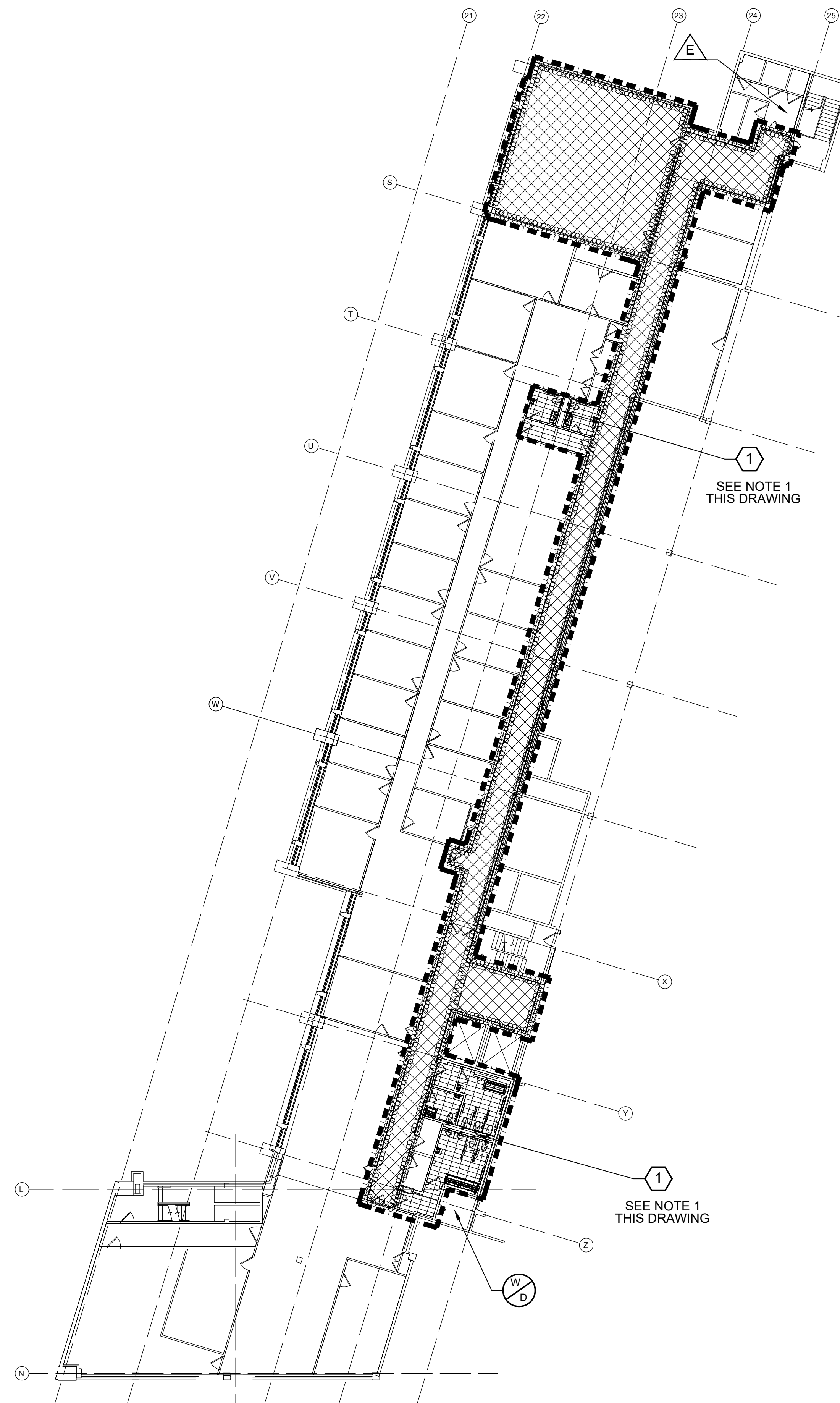
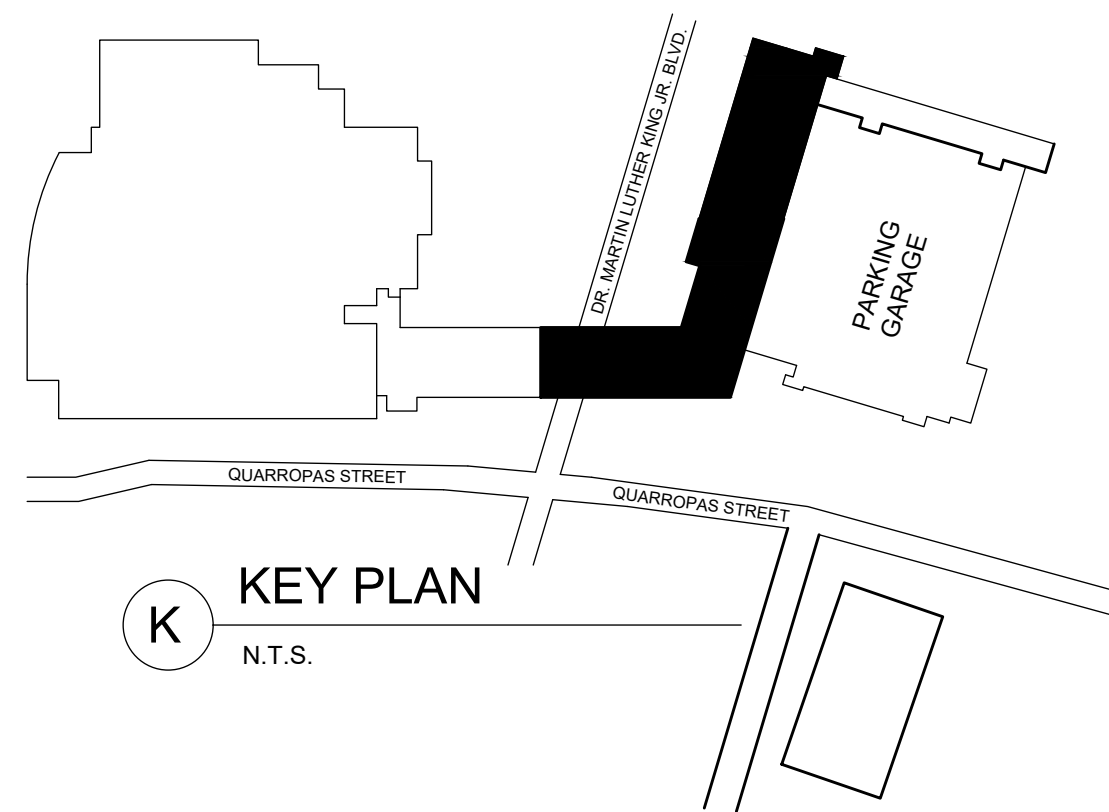
**SITE SPECIFIC NOTES**

1. ASBESTOS CONTAINING PIPE INSULATION IS PRESUMED TO EXIST IN THE RESTROOM PIPE CHASE. IF IMPACTED BY THIS WORK, REMOVE AND DISPOSE OF IN ACCORDANCE WITH NYS ICR 56-8.4(a) "GLOVEBAG PROCEDURES".

**1** FIRST FLOOR PLAN  
NOT TO SCALE



		<b>CONTRACTOR INFORMATION</b> <b>Graf &amp; Lewent</b> Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989		
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
<b>RECORD DRAWING CERTIFICATION</b>				
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES				
<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		<b>CONTRACTOR</b> NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-502	SHEET NUMBER <b>AA-002</b>	SHEET NO. 132 OF 133
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK <b>FIRST FLOOR ASBESTOS ABATEMENT PLAN</b>		SCALE: _____ As Indicated DATE: 01-19-2024 Issue Date DPW FILE NO. _____ REV NO. _____	52-11-AB-1944-0	



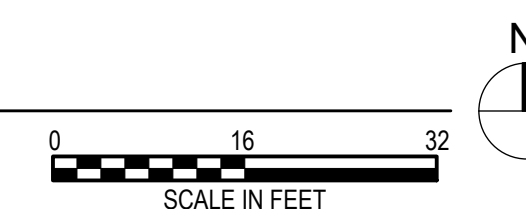
**LEGEND**

SYMBOL	DESCRIPTION
	ASBESTOS CONTAINING VINYL FLOOR TILE AND MASTIC
	ASBESTOS CONTAINING VINYL COVE BASE MASTIC
	PRESUMED ASBESTOS CONTAINING PIPE INSULATION IN RESTROOM PIPE CHASE
	WORK AREA LIMIT
	WATER/DRAIN SUPPLY (V.I.F.)
	ELECTRICAL POWER SUPPLY (V.I.F.)

**SITE SPECIFIC NOTES**

1. ASBESTOS CONTAINING PIPE INSULATION IS PRESUMED TO EXIST IN THE RESTROOM PIPE CHASE. IF IMPACTED BY THIS WORK, REMOVE AND DISPOSE OF IN ACCORDANCE WITH NYS ICR 56-8.4(a) "GLOBEBAG PROCEDURES".
2. PROTECT THE FLOOR BELOW AS REQUIRED TO PREVENT ANY POTENTIAL WATER LEAKAGE.

**1 SECOND FLOOR PLAN**  
NOT TO SCALE



		CONSULTANT INFORMATION <b>Graf &amp; Lewent</b> <b>Architects LLP</b> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989																										
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER <b>20-502</b> SHEET NO. 133 OF 133 SHEET NUMBER <b>AA-003</b>																										
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS PHASE II 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: _____ As Indicated DATE: 01-19-2024 Issue Date DPW FILE NO. _____ REV NO. _____ <b>52-11-AB-1945-0</b>																										
<b>SECOND FLOOR ASBESTOS ABATEMENT PLAN</b>																												