

WESTCHESTER COUNTY

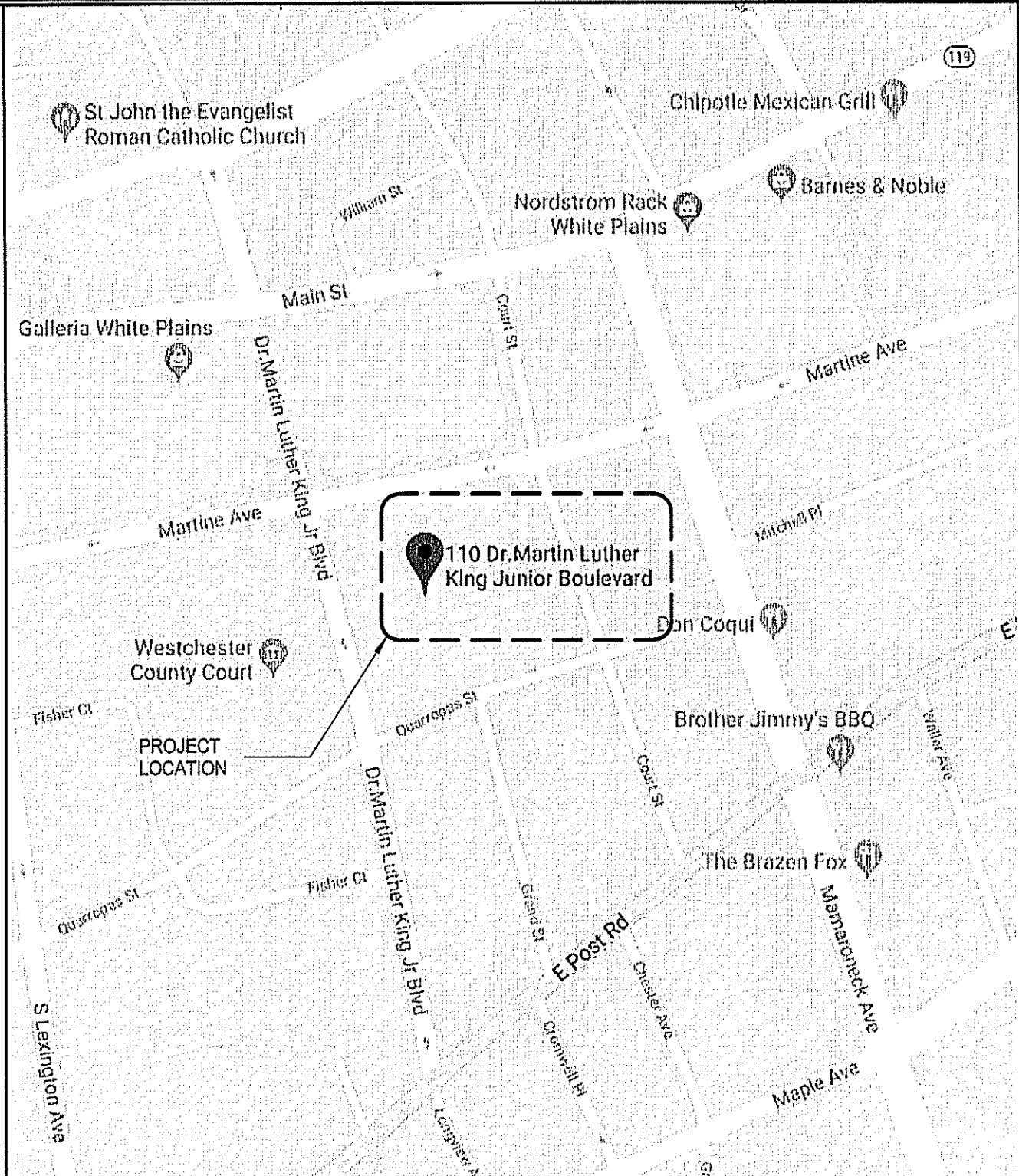


WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

CONTRACT No. 19-514

LOW RISE BUILDING RENOVATIONS
AND HVAC IMPROVEMENTS

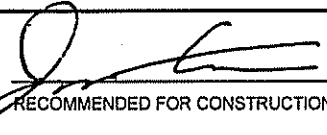
110 DR. MARTIN LUTHER KING JR. BOULEVARD
WHITE PLAINS, NEW YORK

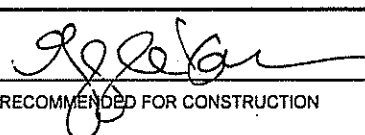


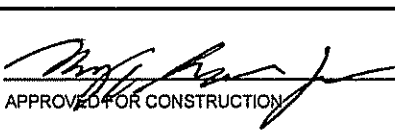
SCALE: N.T.S. LOCATION MAP

		CONSULTANT INFORMATION Graf & Lewent 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 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		CONTRACT NUMBER 19-514 SHEET NO. 1 OF 105 SCALE: 12" = 1'-0" DATE: May 20, 2021 DPW FILE NO. 52-01-T-445																										
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RECOMMENDED FOR CONSTRUCTION
JAMES ANTONACCIO, R.A.
PRINCIPAL ARCHITECT
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
5/19/21 DATE


RECOMMENDED FOR CONSTRUCTION
GAYLE KATZMAN, P.E.
FIRST DEPUTY COMMISSIONER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
5.20.2021 DATE


APPROVED FOR CONSTRUCTION
HUGH J. GREECHAN, JR., P.E.
COMMISSIONER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
5/20/21 DATE

DRAWING LIST:

ARCHITECTURE

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<div>CONSULTANT SEAL</div> <div></div>		<div>CONSULTANT INFORMATION</div> <div><div><div><div>Graf & Lewent</div><div>Architects LLP</div></div><div><div>90-30 161st Street, Jamaica, NY 11432</div><div>P: 718-651-6200 F: 718-251-6989</div></div></div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div></div></div></div>			
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION				CONTRACT NUMBER 19-514	SHEET NUMBER T-002
DIVISION OF ENGINEERING				SHEET NO. 2 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK				SCALE: DATE: May 20, 2021 DPW FILE NO. 52-01-T-446	
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2015 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.

CHAPTER 5: CLASSIFICATION OF WORK

501.2 WORK AREA

LOW RISE BUILDING PARTIAL 3RD FLOOR RENOVATION
WORK AREA = 33,585 S.F.

504.1 ALTERATIONS - LEVEL 2:
LEVEL 2 ALTERATIONS SHALL 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.

501.2 WORK AREA

SEE SHEET A-101 FOR IDENTIFICATION OF WORK AREA.

504.2:
LEVEL 2 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 7 FOR LEVEL 1 ALTERATIONS AS WELL AS THE PROVISIONS OF CHAPTER 8

505.1:
LEVEL 3 ALTERATIONS APPLY WHERE THE WORK AREA EXCEEDS 50% OF THE BUILDING AREA

TOTAL FLOOR AREA 3RD FLOOR = 84,763 S.F.
TOTAL FLOOR AREA 2ND FLOOR = 70,453 S.F.
TOTAL FLOOR AREA 1ST FLOOR = 70,453 S.F.
TOTAL FLOOR AREA = 225,669 S.F.

WORK AREA = 33,585 S.F.
33,585 / 225,669 = 15% OF TOTAL FLOOR AREA
LEVEL 3 ALTERATIONS DO NOT APPLY

CHAPTER 7: ALTERATIONS - LEVEL 1

702.1 INTERIOR FINISHES:
ALL NEWLY INSTALLED INTERIOR FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE INTERNATIONAL BUILDING CODE.

702.2 INTERIOR FLOOR FINISHES:
ALL NEWLY INSTALLED INTERIOR FLOOR FINISHES SHALL COMPLY WITH SECTION 804 OF THE INTERNATIONAL BUILDING CODE.

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

SECTION 705 - ACCESSIBILITY:
A FACILITY THAT IS ALTERED SHALL COMPLY WITH THE APPLICABLE PROVISIONS IN SECTIONS 705.1.1 THROUGH 705.1.4, AND CHAPTER 11 OF THE INTERNATIONAL BUILDING CODE (WHICH INCLUDES ICC A117.1) UNLESS IT IS TECHNICALLY INFEASIBLE. WHERE COMPLIANCE WITH THIS SECTION IS TECHNICALLY INFEASIBLE, THE ALTERATION SHALL PROVIDE ACCESS TO THE MAXIMUM EXTENT THAT IS TECHNICALLY FEASIBLE.

SECTION 706 - REROOFING:
MATERIALS AND METHODS OF APPLICATION USED FOR RECOVERING OR REPLACING AN EXISTING ROOF COVERING SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 15 OF THE INTERNATIONAL BUILDING CODE.

NOT APPLICABLE: PROJECT SCOPE INCLUDES MINOR ROOF REPAIR ASSOCIATED WITH THE INSTALLATION OF SUPPLEMENTAL A/C EQUIPMENT. IT DOES NOT INCLUDE ROOF RECOVERING OR REPLACEMENT.

SECTION 707 - STRUCTURAL:

707.1 GENERAL
WHERE ALTERATION WORK INCLUDES REPLACEMENT OF EQUIPMENT THAT IS SUPPORTED BY THE BUILDING OR WHERE A REROOFING PERMIT IS REQUIRED, THE PROVISIONS OF THIS SECTION SHALL APPLY.

707.2 ADDITION OR REPLACEMENT OF ROOFING OR REPLACEMENT OF EQUIPMENT

WHERE ADDITION OR REPLACEMENT OF ROOFING OR REPLACEMENT OF EQUIPMENT RESULTS IN ADDITIONAL DEAD LOADS, STRUCTURAL COMPONENTS SUPPORTING SUCH REROOFING OR EQUIPMENT SHALL COMPLY WITH THE GRAVITY LOAD REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

EXCEPTIONS:

1. STRUCTURAL ELEMENTS WHERE THE ADDITIONAL DEAD LOAD FROM THE ROOFING OR EQUIPMENT DOES NOT INCREASE THE FORCE IN THE ELEMENT BY MORE THAN 5 PERCENT.

EXCEPTION 1 APPLIES - NEW ROOFTOP SUPPLEMENTAL AC UNIT WEIGHS APPROX. 180 LBS. AND WILL NOT INCREASE THE DEAD LOAD BY MORE THAN 5%.

SECTION 708 - ENERGY CONSERVATION:
708.1 MINIMUM REQUIREMENTS

LEVEL 1 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES ARE PERMITTED WITHOUT REQUIRING THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE OR INTERNATIONAL RESIDENTIAL CODE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE OR INTERNATIONAL RESIDENTIAL CODE AS THEY RELATE TO NEW CONSTRUCTION ONLY.

CHAPTER 8: ALTERATIONS - LEVEL 2

801.1 SCOPE
LEVEL 2 ALTERATIONS AS DESCRIBED IN SECTION 504 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
ALL NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

EXCEPTIONS:
1. NEWLY INSTALLED ELECTRICAL EQUIPMENT SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 808.
2. THE LENGTH OF DEAD-END CORRIDORS IN NEWLY CONSTRUCTED SPACES SHALL ONLY BE REQUIRED TO COMPLY WITH THE PROVISIONS OF SECTION 805.6.
3. THE MINIMUM CEILING HEIGHT OF THE NEWLY CREATED HABITABLE AND OCCUPIABLE SPACES AND CORRIDORS SHALL BE 7 FEET (2134 MM).

SECTION 803 BUILDING ELEMENTS AND MATERIALS

803.1 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.

803.2.1 EXISTING VERTICAL OPENINGS
ALL 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.

1 HR FIRE RATED ENCLOSURES PROVIDED

WORK AREA DEFINITION: THAT PORTION OR PORTIONS OF A BUILDING CONSISTING OF ALL RECONFIGURED SPACES AS INDICATED ON THE CONSTRUCTION DOCUMENTS. WORK AREA EXCLUDES OTHER PORTIONS OF THE BUILDING WHERE INCIDENTAL WORK ENTAILED BY THE INTENDED WORK MUST BE PERFORMED AND PORTIONS OF THE BUILDING WHERE WORK NOT INITIALLY INTENDED BY THE OWNER IS SPECIFICALLY REQUIRED BY THIS CODE.

803.2.2 SUPPLEMENTAL SHAFT AND FLOOR OPENING ENCLOSURE REQUIREMENTS
WHERE THE WORK AREA ON ANY FLOOR EXCEEDS 50 PERCENT OF THAT FLOOR AREA, THE ENCLOSURE REQUIREMENTS OF SECTION 803.2 SHALL APPLY TO VERTICAL OPENINGS OTHER THAN STAIRWAYS THROUGHOUT THE FLOOR.

TOTAL 3RD FLOOR AREA = 44,861 SF (SEE FLOOR AREA DIAGRAM 1/G-002.00)
WORK AREA = 33,585 SF - 33,585 / 44,861 = 75% OF TOTAL FLOOR AREA
THE REQUIREMENTS OF 803.2.2 ARE APPLICABLE

803.2.3 SUPPLEMENTAL STAIRWAY ENCLOSURE REQUIREMENTS

TOTAL FLOOR AREA = 44,861 SF (SEE FLOOR AREA DIAGRAM 1/G-002.00)
WORK AREA = 33,585 SF - 33,585 / 44,861 = 75% OF TOTAL FLOOR AREA
THE REQUIREMENTS OF 803.2.3 ARE APPLICABLE

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

803.4.1 SUPPLEMENTAL INTERIOR FINISH REQUIREMENTS
WHERE THE WORK AREA ON ANY FLOOR EXCEEDS 50 PERCENT OF THE FLOOR AREA, SECTION 803.4 SHALL ALSO APPLY TO THE INTERIOR FINISH IN EXITS AND CORRIDORS SERVING THE WORK AREA THROUGHOUT THE FLOOR.

TOTAL FLOOR AREA = 44,861 SF (SEE FLOOR AREA DIAGRAM 1/G-002.00)
WORK AREA = 33,585 SF - 33,585 / 44,861 = 75% OF TOTAL FLOOR AREA
THE REQUIREMENTS OF 803.4.1 ARE APPLICABLE

803.6 FIRE RESISTANCE RATINGS
WHERE APPROVED BY THE CODE OFFICIAL, BUILDINGS WHERE AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2 OF THE INTERNATIONAL BUILDING CODE HAS BEEN ADDED, AND THE BUILDING IS NOW SPRINKLERED THROUGHOUT, THE REQUIRED FIRE-RESISTANCE RATINGS OF BUILDING ELEMENTS AND MATERIALS SHALL BE PERMITTED TO MEET THE REQUIREMENTS OF THE CURRENT BUILDING CODE. THE BUILDING IS REQUIRED TO MEET THE OTHER APPLICABLE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

NOT APPLICABLE: THE EXISTING BUILDING WILL BE PARTIALLY EQUIPPED WITH A SPRINKLER SYSTEM

SECTION 804 FIRE PROTECTION

804.1 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.

804.2.2 GROUPS (2015 IBC SECTION 304.1) A, B, E, F-1, H, I, M, R-1, R-2, R-4, S-1 AND S-2

IN BUILDINGS WITH OCCUPANCIES IN GROUPS A, B, E, F-1, H, I, M, R-1, R-2, R-4, S-1 AND S-2, WORK AREAS THAT HAVE EXITS OR CORRIDORS SHARED BY MORE THAN ONE TENANT OR THAT HAVE EXITS OR CORRIDORS SERVING A OCCUPANT LOAD GREATER THAN 30 SHALL BE PROVIDED WITH AUTOMATIC SPRINKLER PROTECTION WHERE ALL OF THE FOLLOWING CONDITIONS OCCUR:

1. THE WORK AREA IS REQUIRED TO BE PROVIDED WITH AUTOMATIC SPRINKLER PROTECTION IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE AS APPLICABLE TO NEW CONSTRUCTION; AND

2. THE WORK AREA EXCEEDS 50 PERCENT OF THE FLOOR AREA.

TOTAL FLOOR AREA = 44,861 SF (SEE FLOOR AREA DIAGRAM 1/G-002.00)
WORK AREA = 33,585 SF - 33,585 / 44,861 = 75% OF TOTAL FLOOR AREA
THE REQUIREMENTS OF 804.2.2 ARE APPLICABLE

804.2.2.1 MIXED USES
IN WORK AREAS CONTAINING MIXED USES, ONE OR MORE OF WHICH REQUIRE AUTOMATIC SPRINKLER PROTECTION IN ACCORDANCE WITH SECTION 804.2.2 SUCH PROTECTION SHALL NOT BE REQUIRED THROUGHOUT THE WORK AREA PROVIDED THAT THE USES REQUIRING SUCH PROTECTION ARE SEPARATED FROM THOSE NOT REQUIRING PROTECTION BY FIRE RESISTANT RATED CONSTRUCTION HAVING A MINIMUM ONE HOUR RATING.

NOT APPLICABLE. THE WORK AREA DOES NOT CONTAIN MIXED USES.

804.2.4 OTHER REQUIRED AUTOMATIC SPRINKLER SYSTEMS

IN BUILDINGS AND AREAS LISTED IN TABLE 903.2.11.6 OF THE INTERNATIONAL BUILDING CODE, 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 AN AUTOMATIC SPRINKLER SYSTEM UNDER THE FOLLOWING CONDITIONS:

APPLICABLE: SECTION 507 - SUBJECT UNLIMITED AREA BUILDINGS.
A SUPPRESSION SYSTEM IS REQUIRED - SPRINKLER SYSTEM PROVIDED

804.3 STANDPIPES
WHERE THE WORK AREA INCLUDES EXITS OR CORRIDORS SHARED BY MORE THAN ONE TENANT AND IS LOCATED MORE THAN 50 FEET (15 240 MM) ABOVE OR BELOW THE LOWEST LEVEL OF FIRE DEPARTMENT ACCESS, A STANDPIPE SYSTEM SHALL BE PROVIDED. STANDPIPES SHALL HAVE AN APPROVED FIRE DEPARTMENT CONNECTION WITH HOSE CONNECTIONS AT EACH FLOOR LEVEL ABOVE OR BELOW THE LOWEST LEVEL OF FIRE DEPARTMENT ACCESS. STANDPIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE.

NOT APPLICABLE - WORK AREA IS NOT LOCATED MORE THAN 50 FEET ABOVE OR BELOW THE LOWEST LEVEL

804.4 FIRE ALARM AND DETECTION

AN APPROVED FIRE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH SECTIONS 804.4.1 THROUGH 804.4.3. WHERE AUTOMATIC SPRINKLER PROTECTION IS PROVIDED IN ACCORDANCE WITH SECTION 804.2 AND IS CONNECTED TO THE BUILDING FIRE ALARM SYSTEM, AUTOMATIC HEAT DETECTION SHALL NOT BE REQUIRED.

THERE IS AN EXISTING FIRE ALARM AND DETECTION SYSTEM IN THE BUILDING THAT WILL BE UPDATED AS PART OF THE 3RD FLOOR RENOVATION

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.

804.4.1 OCCUPANCY REQUIREMENTS

A FIRE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH SECTIONS 804.4.1.1 THROUGH 804.4.1.7. EXISTING ALARM-NOTIFICATION APPLIANCES SHALL BE AUTOMATICALLY ACTIVATED THROUGHOUT THE BUILDING. WHERE THE BUILDING IS NOT EQUIPPED WITH A FIRE ALARM SYSTEM, ALARM-NOTIFICATION APPLIANCES WITHIN THE WORK AREA SHALL BE PROVIDED AND AUTOMATICALLY ACTIVATED.

EXCEPTIONS:

1. OCCUPANCIES WITH AN EXISTING, PREVIOUSLY APPROVED FIRE ALARM SYSTEM.

2. WHERE SELECTIVE NOTIFICATION IS PERMITTED, ALARM-NOTIFICATION APPLIANCES SHALL BE AUTOMATICALLY ACTIVATED IN THE AREAS SELECTED.

3. A PREVIOUSLY APPROVED FIRE ALARM SYSTEM WILL BE USED.

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 - WORK AREA DOES NOT INCLUDE EXITS OR CORRIDORS SHARED BY MORE THAN ONE TENANT WITHIN THE WORK AREA.

805.6 DEAD-END CORRIDORS
DEAD-END CORRIDORS IN ANY WORK AREA SHALL NOT EXCEED 35 FEET (10 670 MM).

EXCEPTIONS:

4. IN OTHER THAN GROUP A AND H OCCUPANCIES, THE MAXIMUM LENGTH OF AN EXISTING, NEWLY CONSTRUCTED, OR EXTENDED DEAD-END CORRIDOR SHALL NOT EXCEED 50 FEET (15 240 MM) ON FLOORS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE.

MAXIMUM LENGHT OF DEAD END CORRIDOR PROVIDED IS 36'-7"

805.7.1 ARTIFICIAL LIGHTING REQUIRED

MEANS OF EGRESS IN ALL WORK AREAS SHALL BE PROVIDED WITH ARTIFICIAL LIGHTING IN ACCORDANCE WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

SECTION 809 MECHANICAL
809.1 RECONFIGURED OR CONVERTED SPACES
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.

809.3 LOCAL EXHAUST

ALL NEWLY INTRODUCED DEVICES, EQUIPMENT, OR OPERATIONS THAT PRODUCE AIRBORNE PARTICULATE MATTER, ODORS, FUMES, VAPORS, COMBUSTION PRODUCTS, GASEOUS CONTAMINANTS, PATHOGENIC AND ALLERGENIC ORGANISMS, AND MICROBIAL CONTAMINANTS IN SUCH QUANTITIES AS TO AFFECT ADVERSELY OR IMPAIR HEALTH OR CAUSE DISCOMFORT TO OCCUPANTS SHALL BE PROVIDED WITH LOCAL EXHAUST.

NOT APPLICABLE - NO NEW DEVICES IN PROPOSED WORK AREA PRODUCE FUMES, COMBUSTION PRODUCTS, PATHENOGENIC OR ALLERGENIC ORGANISMS.

SECTION 810 PLUMBING

810.1 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 INTERNATIONAL PLUMBING CODE BASED ON THE INCREASED OCCUPANT LOAD.

PREVIOUS OCCUPANT LOAD = 81

CURRENT LOAD = 94

INCREASE IN POPULATION - INCREASE IN PLUMBING FIXTURES REQUIRED

PLUMBING FIXTURES HAVE BEEN PROVIDED AS PER THE REQUIREMENTS OF THE NEW YORK STATE PLUMBING CODE 2015
SEE CALCULATIONS AND TOTAL NUMBER OF FIXTURES ON THIS SHEET

SECTION 811 ENERGY CONSERVATION

811.1 MINIMUM REQUIREMENTS

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

2015 INTERNATIONAL BUILDING CODE

CHAPTER 3 USE AND OCCUPANCY CLASSIFICATION

304.1 BUSINESS GROUP B:
CIVIC ADMINISTRATION - WESTCHESTER COUNTY CLERK OFFICES

1003.2 CEILING HEIGHT

THE MEANS OF EGRESS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7 FEET 6 INCHES (2286 MM).

ACTUAL MIN. CEILING HEIGHT = 8'-0" - COMPLIES

1003.3.1 HEADROOM

PROTRUDING OBJECTS ARE PERMITTED TO EXTEND BELOW THE MINIMUM CEILING HEIGHT REQUIRED BY SECTION 1003.2.11.6 (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.

LIGHT MIN. HEIGHT = 8'-0" - 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 1004.1.2.

BUSINESS - 100SF GROSS

33,585 SF ÷ 100 = 336 PEOPLE

TOTAL OCCUPANCY = 336

SEE OCCUPANCY TABLES ON SHEET G-002

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.

EXCEPTIONS:

1. FOR OTHER THAN GROUP H AND I-2 OCCUPANCIES, 0.15 INCH PER OCCUPANT IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM

336 PEOPLE = 336 X 0.15 = 51 INCHES

ACTUAL MIN. EGRESS CORRIDOR WIDTH = 72" - COMPLIES

SEE DIAGRAM 1 / G-003

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-003

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).

MIN. ACTUAL DOOR SIZE = 36"

SEE DIAGRAM 1 / G-003

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-003

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-003

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-003

SECTION 1705 REQUIRED SPECIAL INSPECTIONS AND TESTS

1705.17.1 PENETRATION FIRESTOP

1705.14 SPRAYED FIRE RESISTANT MATERIALS

1705.14.4.5 - STRUCTURAL MEMBERS
1705.14.4.6 - BEAMS AND GIRDERS
1705.15.4.8 - WIDE FLANGED COLUMNS

2015 INTERNATIONAL PLUMBING CODE

MALE

WATER CLOSETS
1 PER 25 FOR THE FIRST 50 = 2
1 PER 50 FOR THE REMAINDER EXCEEDING 50: 300-50 = 250/50 = 5
TOTAL REQUIRED: 7
TOTAL PROVIDED: 5 (2 WATER CLOSET SUBSTITUTED WITH 4 URINALS)

URINALS

419.2 SUBSTITUTION FOR WATER CLOSETS. URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN 50 PERCENT OF THE REQUIRED WATER CLOSETS.
50% OF 7 = 3.5 = 4
TOTAL PROVIDED: 4

LAVATORIES

1 PER 40 FOR THE FIRST 80 = 2
1 PER 80 FOR THE REMAINDER EXCEEDING 80: 300-80 = 220/80 = 2.75 = 3
TOTAL REQUIRED: 5
TOTAL PROVIDED: 8

FEMALE

WATER CLOSETS
1 PER 25 FOR THE FIRST 50 = 2
1 PER 50 FOR THE REMAINDER EXCEEDING 50: 300-50 = 250/50 = 5
TOTAL REQUIRED: 7
TOTAL PROVIDED: 9

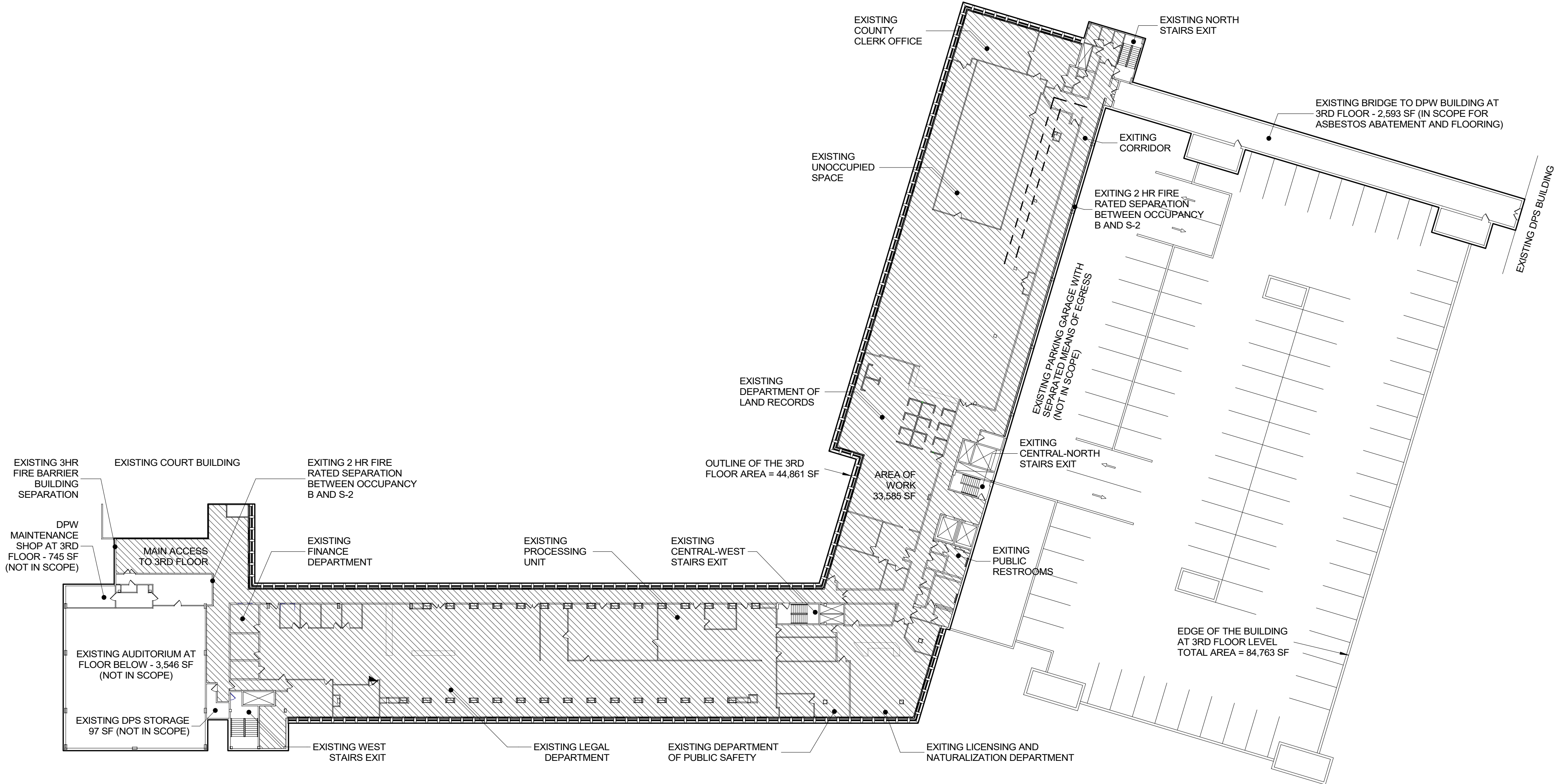
LAVATORIES

1 PER 40 FOR THE FIRST 80 = 2
1 PER 80 FOR THE REMAINDER EXCEEDING 80: 300-80 = 220/80 = 2.75 = 3
TOTAL REQUIRED: 5
TOTAL PROVIDED: 8

PROVIDED STAFF MALE RESTROOM:

2 WATER CLOSET
2 URINALS
4 LAVATORIES

PROVIDED PUBLIC MALE RESTROOM:



EXISTING OCCUPANCY LOAD IN 3RD FLOOR

DEPARTMENT	NUMBER OF OCCUPANTS
FINANCE -	4
LEGAL SERVICES -	24
PROCESSING UNIT -	8
PUBLIC SAFETY -	11
LICENSING AND NATURALIZATION -	8
LAND RECORDS -	20
COUNTY CLERK AND ADMINISTRATION OFFICES -	6
TOTAL	81
AREA OF WORK 33,585 SF	
BUSINESS OCCUPANCY IN 3RD FLOOR	= 33,585 SF
BUSINESS USE = 33,585 / 100 GROSS SF	= 336 OCCUPANTS PERMITTED

PROPOSED OCCUPANCY LOAD IN 3RD FLOOR

DEPARTMENT	NUMBER OF OCCUPANTS
FINANCE -	4
LEGAL SERVICES -	24
PROCESSING UNIT -	8
PUBLIC SAFETY -	14
TRANSPORTATION -	10
LICENSING AND NATURALIZATION -	8
LAND RECORDS -	20
COUNTY CLERK AND ADMINISTRATION OFFICES -	6
TOTAL	94
AREA OF WORK = 33,585 SF	
COMPLIES	
94 OCCUPANTS < 336 OCCUPANTS PERMITTED BY CODE	

1 EXISTING OCCUPANCY LOAD CALCULATIONS

2015 INTERNATIONAL BUILDING CODE

CHAPTER 5 GENERAL BUILDING HEIGHTS AND AREAS
ANALYSIS OF EXISTING TYPE OF CONSTRUCTION: TYPE I - B (NONSPRINKLERED)
ONLY THE THIRD FLOOR WILL BE SPRINKLERED

TABLE 504.3 ALLOWABLE BUILDING HEIGHT IN FEET ABOVE GRADE PLANE
GROUP B / NONSPRINKLERED / TYPE I - B = 160'
ACTUAL HEIGHT = 45' / COMPLIES

TABLE 504.4 ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE
GROUP B / NONSPRINKLERED / TYPE I - B = 11
ACTUAL NUMBER OF STORIES = 3 / COMPLIES

TABLE 506.2 ALLOWABLE AREA FACTOR
GROUP B / NONSPRINKLERED / TYPE I - B = UNLIMITED
ACTUAL AREA = 84,763 SF / COMPLIES

EXISTING TYPE OF CONSTRUCTION IS TYPE I - B NS (BASED ON ANALYSIS ABOVE)

508.4.4 SEPARATION
INDIVIDUAL OCCUPANCIES SHALL BE SEPARATED FROM ADJACENT OCCUPANCIES IN ACCORDANCE WITH TABLE 508.4.

TABLE 508.4 REQUIRED SEPARATION OF OCCUPANCIES
THE AREA OF WORK WILL BE SPRINKLERED. THE FOLLOWING ANALYSIS OF REQUIRED SEPARATION OF OCCUPANCIES IS FOR AREAS NOT INCLUDED IN AREA OF WORK THEREFORE THE NONSPINKLERED CONDITION IS APPLICABLE.

GROUP B FROM GROUP S-2/ NONSPRINKLERED = 2 HR REQUIRED
GROUP B FROM GROUP A-3/ NONSPRINKLERED = 2 HR REQUIRED
ACTUAL SEPARATION WITH BUILDING OCCUPANCIES NOT IN AREA OF WORK
2 HR EXISTING / 2 HR SEPARATION PROVIDED IN DISRUPTED AREAS/ COMPLIES
(BY MEANS OF 6" REINFORCED CONCRETE SLABS, 8" REINFORCED CMU WALLS, AND FIRE RATED FRAMING CONSTRUCTION)

SEPARATION OF OCCUPANCIES IN AREA OF WORK - NOT APPLICABLE
AGGREGATE ACCESSORY OCCUPANCIES DO NOT OCCUPY MORE THAN 10 PERCENT OF THE FLOOR AREA OF THE STORY, AND DO NOT EXCEED THE TABULAR VALUES FOR NONSPRINKLERED BUILDINGS IN TABLE 506.2 FOR EACH SUCH ACCESSORY OCCUPANCY.

508.4.4.1 CONSTRUCTION
REQUIRED SEPARATIONS SHALL BE FIRE BARRIERS CONSTRUCTED IN ACCORDANCE WITH SECTION 707 OR HORIZONTAL ASSEMBLIES CONSTRUCTED IN ACCORDANCE WITH SECTION 711, OR BOTH, SO AS TO COMPLETELY SEPARATE ADJACENT OCCUPANCIES.

TABLE 601 FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)

BUILDING ELEMENT	TYPE I - B
PRIMARY STRUCTURAL FRAME (SEE SECTION 202)	2a
BEARING WALLS	
EXTERIOR e, f	2
INTERIOR	2a
NONBEARING WALLS AND PARTITIONS	
EXTERIOR	SEE TABLE 602
NONBEARING WALLS AND PARTITIONS	
INTERIOR d	0
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	
(SEE SECTION 202)	2
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	
(SEE SECTION 202)	1 b,c

TABLE 602 FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE A, D, G

FIRE SEPARATION DISTANCE = X (FEET) TYPE OF CONSTRUCTION OCCUPANCY GROUP A, B, S-2

X < 5b ALL 1

		CONSULTANT INFORMATION	
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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	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 4 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1" = 30'-0"	
OCCUPANCY ANALYSIS		DATE: May 20, 2021 Issue Date	
		DPW FILE NO. REV NO. 0	
		52-01-T-448	

69' (97') — DISTANCE TO A POINT WHERE AN OCCUPANT HAS A CHOICE OF TWO PATHS OF EGRESS TRAVEL TO TWO EXITS

↑ TOTAL DISTANCE TO NEAREST STAIRWAY EXIT



EXISTING SFRM ON STRUCTURAL MEMBERS THAT MAY GET DAMAGED DURING DEMOLITION OF ADJACENT CONSTRUCTION SHALL BE REPAIRED AND RESTORED TO PREVIOUS CONDITIONS. SURFACES MUST BE PREPPED AS PER THE FOLLOWING INDICATIONS.

SUBSTRATES TO RECEIVE SFRM SHALL BE FREE OF DIRT, OIL, GREASE, RELEASE AGENTS, LOOSE SCALE AND ANY OTHER CONDITION THAT PREVENTS ADHESION. THE SUBSTRATES SHALL BE FREE OF PRIMERS, PAINTS AND ENCAPSULANTS OTHER THAN THOSE FIRE TESTED AND LISTED BY A NATIONALLY RECOGNIZED TESTING AGENCY. PRIMED, PAINTED OR ENCAPSULATED STEEL SHALL BE ALLOWED, PROVIDED THAT TESTING HAS DEMONSTRATED THAT REQUIRED ADHESION IS MAINTAINED.

713.4 FIRE-RESISTANCE RATING

SHAFT ENCLOSURES SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 2 HOURS WHERE CONNECTING FOUR STORIES OR MORE, AND NOT LESS THAN 1 HOUR WHERE CONNECTING LESS THAN FOUR STORIES. THE NUMBER OF STORIES CONNECTED BY THE SHAFT ENCLOSURE SHALL INCLUDE ANY BASEMENTS BUT NOT ANY MEZZANINES. SHAFT ENCLOSURES SHALL HAVE A FIRE-RESISTANCE RATING NOT LESS THAN THE FLOOR ASSEMBLY PENETRATED, BUT NEED NOT EXCEED 2 HOURS. SHAFT ENCLOSURES SHALL MEET THE REQUIREMENTS OF SECTION 703.2.1.

713.7 OPENINGS

OPENINGS IN A SHAFT ENCLOSURE SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 716 AS REQUIRED FOR FIRE BARRIERS. DOORS SHALL BE SELF- OR AUTOMATIC-CLOSING BY SMOKE DETECTION IN ACCORDANCE WITH SECTION 716.5.9.3.

PENETRATIONS IN A SHAFT ENCLOSURE SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 714 AS REQUIRED FOR FIRE BARRIERS. STRUCTURAL ELEMENTS, SUCH AS BEAMS OR JOISTS, WHERE PROTECTED IN ACCORDANCE WITH SECTION 714 SHALL BE PERMITTED TO PENETRATE A SHAFT ENCLOSURE.

PENETRATIONS OTHER THAN THOSE NECESSARY FOR THE PURPOSE OF THE SHAFT SHALL NOT BE PERMITTED IN SHAFT ENCLOSURES.

PENETRATIONS OF A SHAFT ENCLOSURE BY DUCTS AND AIR TRANSFER OPENINGS SHALL COMPLY WITH SECTION 717.

714.1.1 DUCTS AND AIR TRANSFER OPENINGS

PENETRATIONS OF FIRE-RESISTANCE-RATED WALLS BY DUCTS THAT ARE NOT PROTECTED WITH DAMPERS SHALL COMPLY WITH SECTIONS 714.2 THROUGH 714.3.3. PENETRATIONS OF HORIZONTAL ASSEMBLIES NOT PROTECTED WITH A SHAFT AS PERMITTED BY SECTION 717.6, AND NOT REQUIRED TO BE PROTECTED WITH FIRE DAMPERS BY OTHER SECTIONS OF THIS CODE, SHALL COMPLY WITH SECTIONS 714.4 THROUGH 714.5.2. DUCTS AND AIR TRANSFER OPENINGS THAT ARE PROTECTED WITH DAMPERS SHALL COMPLY WITH SECTION 717.

PENETRATIONS SHALL BE INSTALLED AS TESTED IN AN APPROVED FIRE-RESISTANCE-RATED ASSEMBLY.

THROUGH PENETRATIONS SHALL BE PROTECTED BY AN APPROVED PENETRATION FIRESTOP SYSTEM INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E814 OR UL 1479, WITH A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 INCH (2.49 PA) OF WATER AND SHALL HAVE AN F RATING OF NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL PENETRATED.

906.1 WHERE REQUIRED

PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED IN ALL OF THE FOLLOWING LOCATIONS:

1. IN GROUP A, **B**, E, F, H, I, M, R-1, R-2, R-4 AND S OCCUPANCIES.
4. ON EACH FLOOR OF STRUCTURES UNDER CONSTRUCTION, EXCEPT GROUP R-3 OCCUPANCIES, IN ACCORDANCE WITH SECTION 3315.1 OF THE INTERNATIONAL FIRE CODE.
6. SPECIAL-HAZARD AREAS, INCLUDING BUT NOT LIMITED TO LABORATORIES, **COMPUTER ROOMS AND GENERATOR ROOMS**, WHERE REQUIRED BY THE FIRE CODE OFFICIAL.

LIGHT (LOW) HAZARD OCCUPANCY

MINIMUM RATED SINGLE
EXTINGUISHER 2-AC



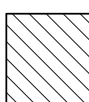



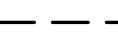

MAXIMUM FLOOR AREA
PER UNIT OF A 3,000 SQUARE FEET







MAXIMUM FLOOR AREA
FOR EXTINGUISHER 11,250 SQUARE FEET

MAXIMUM DISTANCE OF
TRAVEL TO EXTINGUISHER 75 FEET

<div>CONSULTANT SEAL</div> <div></div>		<div>CONSULTANT INFORMATION</div> <div><div>Graf & Lewent</div><div>Architects LLP</div><div>90-30 161st Street, Jamaica, NY 11432</div><div>P: 718-651-6200 F: 718-251-6989</div></div>	

1. BUILD OUT TEMPORARY OFFICES FOR THE COUNTY CLERK.
2. BUILD OUT TEMPORARY CONSTRUCTION AT UNOCCUPIED AREA SOUTH OF THE EXISTING PROCESSING UNIT IN WEST WING OF THE 3RD FLOOR. THIS AREA WILL BE TEMPORARILY OCCUPIED BY THE LEGAL DEPARTMENT AND DEPARTMENT OF LAND RECORDS.
3. BUILD OUT UNOCCUPIED AREA BETWEEN LAND RECORDS DEPARTMENT AND NORTH END OF THE 3RD FLOOR.
4. BUILD OUT I.T. CENTRAL ROOM IN CENTRAL WING OF THE BUILDING.
5. BUILD OUT GRAND JURY ROOM.
6. REMOVE EXISTING FLOOR FINISHES AT GALLERY AND INSTALL NEW FINISHES.
7. ACCESS TO NORTH WING EXIT STAIR TO BE MAINTAINED DURING CONSTRUCTION.
8. MOVE THE FOLLOWING DEPARTMENTS TO THEIR FINAL OCCUPANCY:
 - WESTCHESTER COUNTY CLERK
 - ADMINISTRATION OFFICES (WCC)
 - DEPARTMENT OF FINANCE (DOF)
 - PROCESSING UNIT (PU)
 - LUNCH / BREAK ROOM
 - STAFF RESTROOMS.
 - D.A. GRAND JURY ROOM
 - I.T. NORTH

PHASING PLAN LEGEND	
SYMBOL	DESCRIPTION
	AREA OF CONSTRUCTION WORK
	AREA OF TEMPORARY OFFICE SPACE
	COMPLETED AREA
	TEMPORARY WORK STATION (8'-0" x 8'-0")
	TEMPORARY COUNTER TOP (11'-6" LONG x 2'-0" DEEP)
	LINE OF TEMPORARY CORRIDOR WALLS, SEE DRAWING 3 / G-010 FOR DETAILS
	LINE OF EXISTING EGRESS ROUTE
	LINE OF TEMPORARY EGRESS ROUTES (ACTUAL LOCATION TO BE DETERMINED ON SITE BY THE GENERAL CONTRACTOR)

PHASING PLAN P/C LEGEND	
SYMBOL	DESCRIPTION
 E	EXISTING DOUPLEX POWER OUTLET
 E	EXISTING VOICE OUTLET
 E	EXISTING POWER POLE
	TEMPORARY DOUPLEX POWER OUTLET
	TEMPORARY QUAD POWER OUTLET
	TEMPORARY VOICE / DATA OUTLET

PHASE 1B, PROVIDE ALTERNATE
PUBLIC EGRESS ROUTES DURING
ASBESTOS REMOVAL AND
CONSTRUCTION OF CORRIDORS —

AREA OF TEMPORARY
COUNTY CLERK
OFFICES
PHASE IA

EXISTING DEPARTMENT
OF LAND RECORDS







EXISTING EGRESS
ROUTES NORTH WING

3 TEMPORARY COUNTY CLERK OFFICES @ PHASE 1A
3/32" = 1'-0"

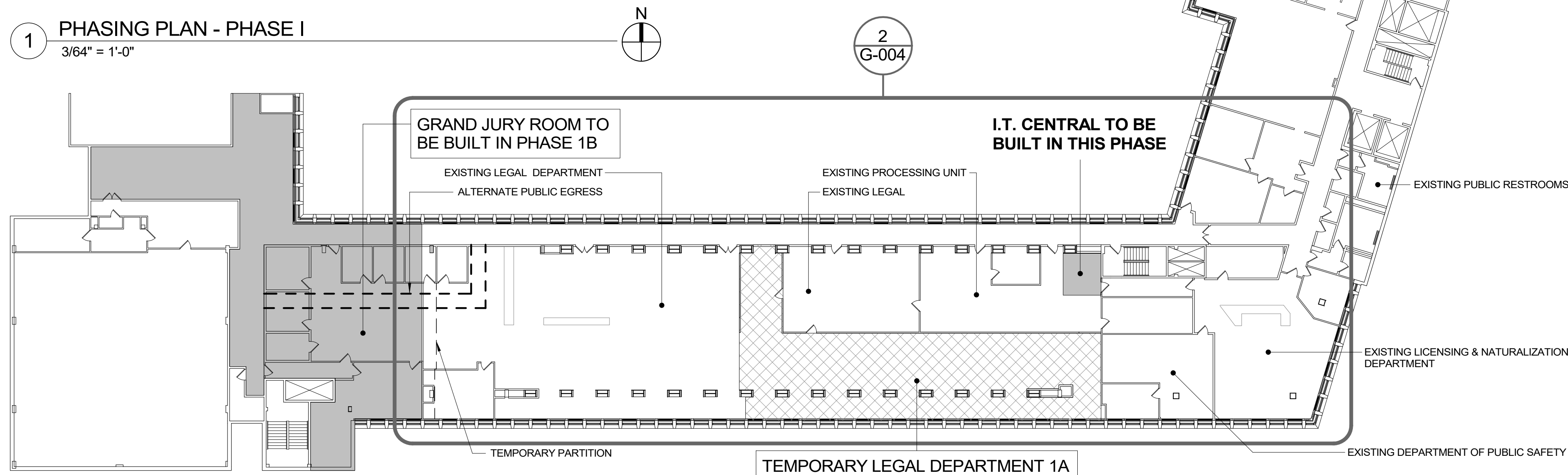
4 DEMOLITION RCP-PHASE 1A
3/32" = 1'-0" TEMPORARY COUNTY CLERK'S OFFICE

GENERAL NOTES:

1. 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.
2. EGRESS PATH TO EXISTING EXITS TO BE MAINTAINED DURING CONSTRUCTION.
3. **ABATEMENT OF ASBESTOS CONTAINING FLOORING MATERIAL THROUGHOUT THE PROJECT MUST BE PERFORMED IN ADVANCE OF CONSTRUCTION OF AFFECTED AREAS IN EACH PHASE.**
4. PROVIDE TEMPORARY CORRIDORS AS SHOWN AND AS REQUIRED TO MAINTAIN EGRESS AND ACCESS TO OCCUPIED AREAS AT ALL TIMES.
5. BUILD OUT TEMPORARY WALLS TO SHIELD ACCESS TO CORRIDORS, OFFICES, AND DEPARTMENTS THAT WILL REMAIN IN OPERATION DURING CONSTRUCTION.
6. RETOUCH ALL REMAINING DAMAGED WORK RESULTING FROM PHASING OF CONSTRUCTION IN ENTIRE FLOOR.
7. **CONTRACTOR SHALL ASSUME A 2-WEEK INTERVAL BETWEEN PHASES TO RELOCATE STAFF AND EQUIPMENT.**

DEMO CEILING FIXTURE (PHASE IA)	
SYMBOL	DESCRIPTION
	EXISTING CEILING TILES, GRIDS AND NECESSARY CONTRUCTION TO BE REMOVED
	EXISTING LIGHT FIXTURES TO BE REMOVED
	EXISTING CEILING TILES & GRID TO REMAIN UNTIL PHASE II
	EXISTING LIGHT FIXTURES TO REMAIN UNTIL PHASE II
	EXISTING LIGHT FIXTURES TO BE RELOCATED
	TILE, PATCH & REPAIR PORTIONS OF EXISTING CEILING GRID WHERE LIGHT FIXTURES ARE REMOVED

1 PHASING PLAN - PHASE I
3/64" = 1'-0"



2 PHASING PLAN - PHASE I - TEMPORARY LEGAL DEPT.
3/32" = 1'-0"



CONSULTANT SEAL 	CONSULTANT INFORMATION <h1 style="margin: 0;">Graf & Lewent</h1> <h2 style="margin: 0;">Architects LLP</h2> <p style="margin: 0;">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>			
Drawing Area				
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: _____ DATE: _____		TITLE: _____ DATE: _____		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING				CONTRACT NUMBER 19-514 SHEET NO. 6 OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK				SCALE: _____ As indicated DATE: May 20, 2021 Issue Date DPW FILE NO. _____ 52-01-T-450
PHASING PLAN - PHASE I				REV NO. _____

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PHASE II

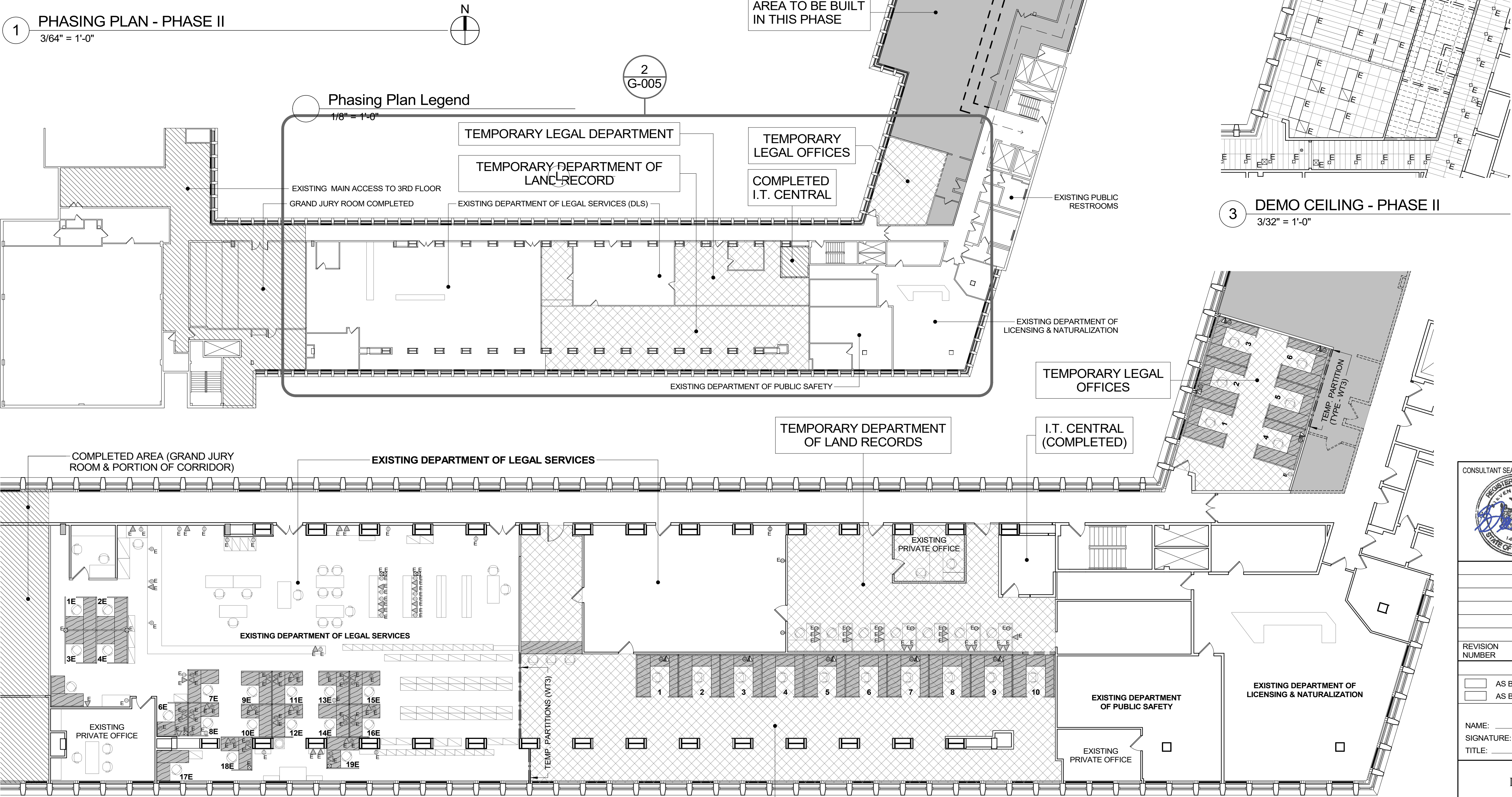
- 1. TEMPORARILY MOVE THE DEPARTMENT OF LAND RECORDS TO THE AREA PREVIOUSLY OCCUPIED BY THE PROCESSING UNIT AND THE UNOCCUPIED SPACE SOUTH OF IT.
- 2. IN THE CENTRAL WING OF THE 3RD FLOOR BUILD OUT:
 - DEPARTMENT OF LAND RECORDS
 - SMALL CONFERENCE ROOM
 - ELECTRICAL CLOSETS
- 3. RELOCATE THE DEPARTMENT OF LAND RECORDS TO ITS FINAL OCCUPANCY.

PHASING PLAN LEGEND	
SYMBOL	DESCRIPTION
[Solid Grey Box]	AREA OF CONSTRUCTION WORK
[Cross-hatched Box]	AREA OF TEMPORARY OFFICE SPACE
[Diagonal Hatched Box]	COMPLETED AREA
[Icon: Table & Chair]	TEMPORARY WORK STATION (8'-0" x 8'-0")
[Icon: Counter Top]	TEMPORARY COUNTER TOP (11'-6" LONG x 2'-0" DEEP)
[Dashed Line]	LINE OF TEMPORARY CORRIDOR WALLS. SEE DRAWING 3 / G-010 FOR DETAILS
[Dashed Arrow]	LINE OF EXISTING EGRESS ROUTE
[Dashed Arrow with Dot]	LINE OF TEMPORARY EGRESS ROUTES (ACTUAL LOCATION TO BE DETERMINED ON SITE BY THE GENERAL CONTRACTOR)

PHASING PLAN P/C LEGEND	
SYMBOL	DESCRIPTION
[Symbol: Circle with E]	EXISTING DOUPLEX POWER OUTLET
[Symbol: Triangle with E]	EXISTING VOICE OUTLET
[Symbol: Square with E]	EXISTING POWER POLE
[Symbol: Circle with E and Dot]	TEMPORARY DOUPLEX POWER OUTLET
[Symbol: Circle with E and Plus]	TEMPORARY QUAD POWER OUTLET
[Symbol: Triangle with E and Plus]	TEMPORARY VOICE / DATA OUTLET

DEMOLITION LEGEND (PHASE II)	
SYMBOL	DESCRIPTION
[Symbol: Dashed Box]	EXISTING CEILING TILES, GRIDS AND NECESSARY CONSTRUCTION TO BE REMOVED
[Symbol: Box with X]	EXISTING LIGHT FIXTURES TO BE REMOVED
[Symbol: Box with E]	EXISTING CEILING TILES & GRID TO REMAIN
[Symbol: Box with E and X]	EXISTING LIGHT FIXTURES TO REMAIN
[Symbol: Box with E and Plus]	EXISTING AIR DIFFUSERS AND RETURN REGISTER TO REMAIN
[Symbol: Dashed Line]	TEMPORARY SOFFIT BETWEEN TWO EXISTING CEILING TYPES
[Symbol: Dashed Arrow]	EXISTING WALL / PARTITION TO BE DEMOLISHED
[Symbol: Solid Arrow]	EXISTING WALL / PARTITION TO REMAIN UNTIL PHASE III
[Symbol: Solid Arrow with Dot]	TEMPORARY / PARTITION TO REMAIN

- 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 FORCONSTRUC-TION DEBRIS, WORKERS AND MARIERIALS.
 - 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.
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 - 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.



2 EXISTING & TEMPORARY DLS SPACES @ PHASE II
3/32" = 1'-0"

CONSULTANT INFORMATION

Graf & Lewent
Architects LLP

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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		CONTRACT NUMBER		SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514		G-005
DIVISION OF ENGINEERING		SHEET NO. 7		OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: _____		As indicated
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021		Issue Date
WHITE PLAINS, NEW YORK		DPW FILE NO.		REV NO. 0
PHASING PLAN PHASE II		52-01-T-451		

PHASE III

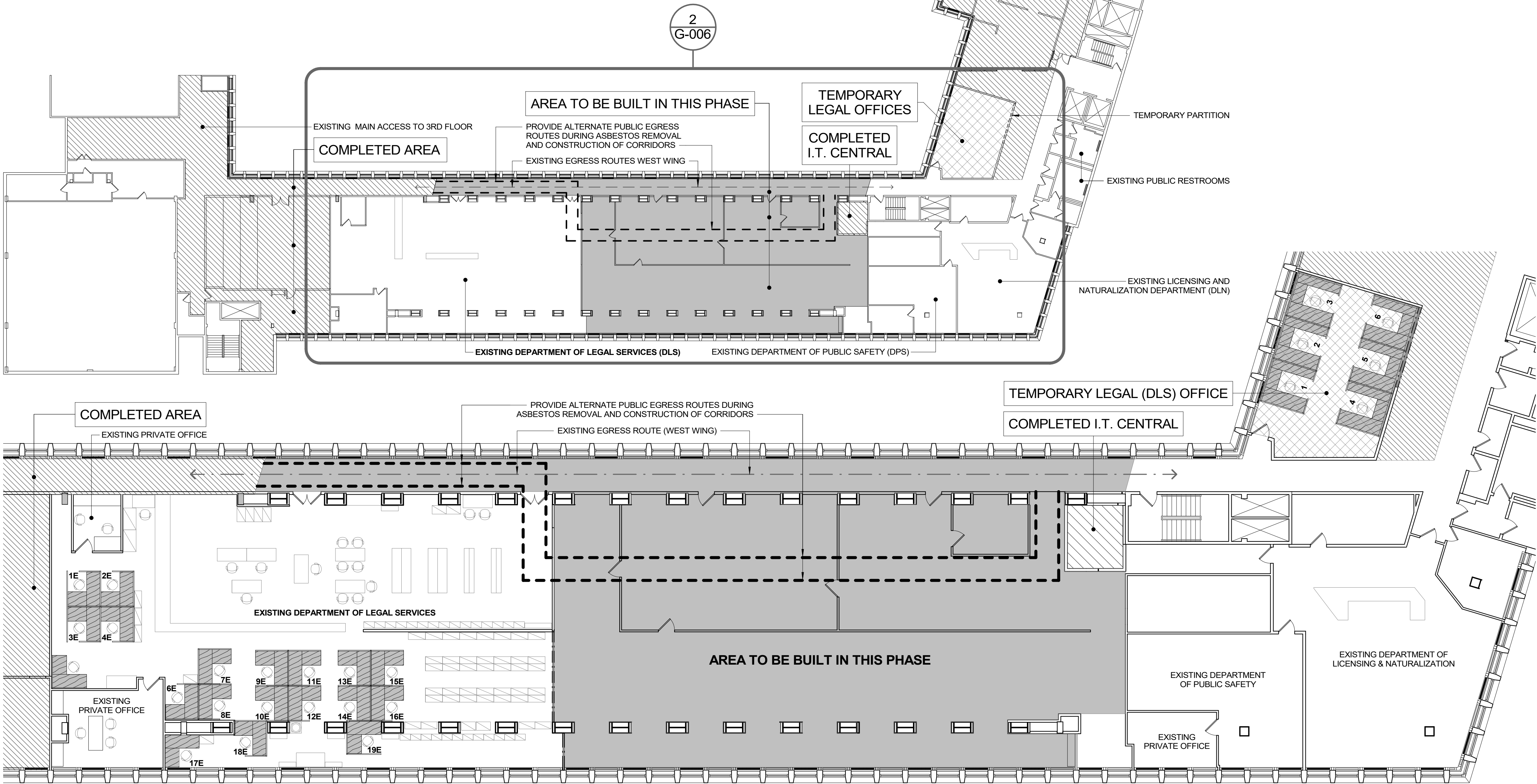
1. IN THE CENTRAL WING OF THE 3RD FLOOR BUILD OUT:
- LEGAL DEPARTMENT. (FOUR OFFICES THAT ARE PART OF THIS DEPARTMENT WILL BE BUILT IN PHASE VI, LOCATE IN TEMPORARY OFFICE AT FUTURE PUBLIC LOUNGE AREA.
2. TEMPORARY ENABLE THE STORAGE ROOM AS OFFICES.
3. MOVE LEGAL DEPARTMENT TO ITS FINAL OCCUPANCY.

1

PHASING PLAN - PHASE III

3/64" = 1'-0"

N



2

EXISTING & TEMPORARY LEGAL OFFICES @ PHASE III

3/32" = 1'-0"

N

PHASING PLAN LEGEND	
SYMBOL	DESCRIPTION
	AREA OF CONSTRUCTION WORK
	AREA OF TEMPORARY OFFICE SPACE
	COMPLETED AREA
	TEMPORARY WORK STATION (8'-0" x 8'-0")
	TEMPORARY COUNTER TOP (11'-6" LONG x 2'-0" DEEP)
	LINE OF TEMPORARY CORRIDOR WALLS, SEE DRAWING 3 / G-010 FOR DETAILS
	LINE OF EXISTING EGRESS ROUTE
	LINE OF TEMPORARY EGRESS ROUTES (ACTUAL LOCATION TO BE DETERMINED ON SITE BY THE GENERAL CONTRACTOR)

- GENERAL NOTES:
1. THE CONTRACTOR PRIOR TO START OF ANY FIELD WORK, SHALL PREPARE LOGISTICS PLAN SHOWINGTHE 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 MARERIALS.
- *

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.
2. EGRESS PATH TO EXISTING EXITS TO BE MAINTAINED DURING CONSTRUCTION.
3. **ABATEMENT OF ASBESTOS CONTAINING FLOORING MATERIAL THROUGHOUT THE PROJECT MUST BE PERFORMED IN ADVANCE OF CONSTRUCTION OF AFFECTED AREAS IN EACH PHASE.**
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7. **CONTRACTOR SHALL ASSUME A 2-WEEK INTERVAL BETWEEN PHASES TO RELOCATE STAFF AND EQUIPMENT.**

<div>CONSULTANT SEAL</div> <div></div>		<div>CONSULTANT INFORMATION</div> <div>Graff & Lewent Architects LLP</div> <div>90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</div>																										
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER																										
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DIVISION OF ENGINEERING		SHEET NO. 8 OF 106																										
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: As indicated																										
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021																										
WHITE PLAINS, NEW YORK		Issue Date																										
PHASING PLAN - PHASE III		DPW FILE NO. 52-01-T-452																										
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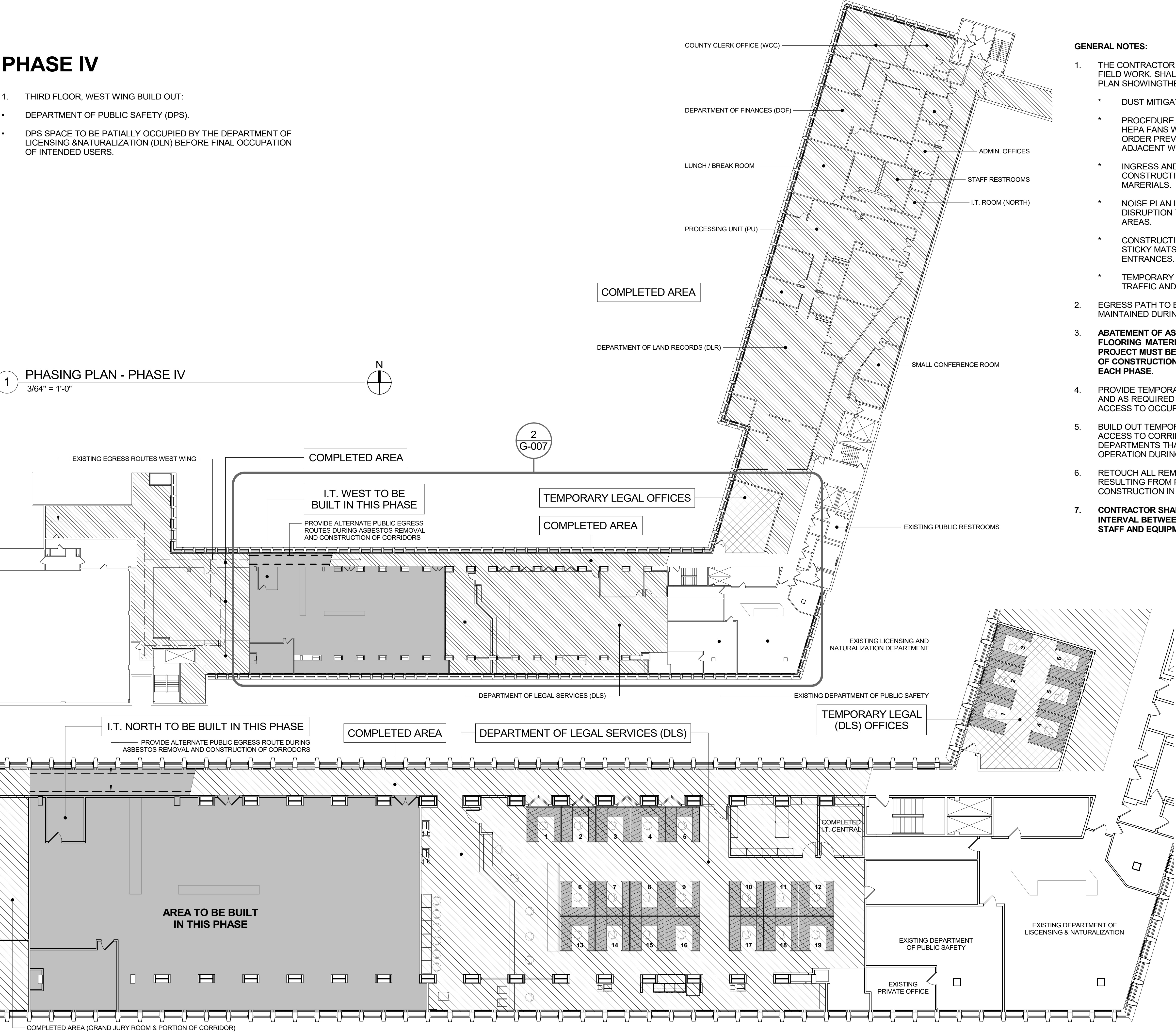
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PHASE IV

1.
- THIRD FLOOR, WEST WING BUILD OUT:
- DEPARTMENT OF PUBLIC SAFETY (DPS).

DPS SPACE TO BE PATIALLY OCCUPIED BY THE DEPARTMENT OF LICENSING & NATURALIZATION (DLN) BEFORE FINAL OCCUPATION OF INTENDED USERS.

1 PHASING PLAN - PHASE IV
3/64" = 1'-0"



- GENERAL NOTES:
1.
- 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.
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PHASING PLAN LEGEND	
SYMBOL	DESCRIPTION
	AREA OF CONSTRUCTION WORK
	AREA OF TEMPORARY OFFICE SPACE
	COMPLETED AREA
	TEMPORARY WORK STATION (8'-0" x 8'-0")
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	LINE OF EXISTING EGRESS ROUTE
	LINE OF TEMPORARY EGRESS ROUTES (ACTUAL LOCATION TO BE DETERMINED ON SITE BY THE GENERAL CONTRACTOR)

2 TEMPORARY & FINAL LEGAL OFFICES @ PHASE IV
3/32" = 1'-0"

<div>CONSULTANT SEAL</div> <div></div>		<div>CONSULTANT INFORMATION</div> <div>Graf & Lewent Architects LLP</div> <div>90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</div>																										
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<div>CONTRACTOR</div> <div>NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____</div>		<div>CONTRACTOR</div> <div>NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____</div>																										
<div>WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION</div>		<div>CONTRACT NUMBER 19-514</div> <div>SHEET NO. 9 OF 106</div> <div>SHEET NUMBER G-007</div>																										
<div>DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK</div>		<div>SCALE: _____ As indicated DATE: May 20, 2021 Issue Date DPW FILE NO. 52-01-T-453 REV NO. 0</div>																										
<div>PHASING PLAN - PHASE IV</div>																												

PHASE V

1.
- TEMPORARILY MOVE THE DEPARTMENT OF LICENSING AND NATURALIZATION (DLN) TO THE SPACE OF THE DEPARTMENT OF TRANSPORTATION.
2.
- IN THE CENTRAL WING OF THE 3RD FLOOR BUILD OUT:

•

THE DEPARTMENT OF LICENSING AND NATURALIZATION OFFICE AND STORGE AREA BUILD IN PHASE VI.

•

PUBLIC RESTROOMS

•

ELEVATOR LOBBY

•

CIRCULATION CORRIDORS .
3.
- MOVE LICENSING AND NATURALIZATION DEPARTMENT TO ITS FINAL OCCUPANCY EXCEPT OFFICE & STORAGE ROOM.
4.
- DURING PUBLIC RESTROOM CONSTRUCTION, DIRECT PUBLIC TO COURTHOUSE RESTROOMS, STAFF RESTROOMS IN OPERATION.



PHASING PLAN LEGEND	
SYMBOL	DESCRIPTION
	AREA OF CONSTRUCTION WORK
	AREA OF TEMPORARY OFFICE SPACE
	COMPLETED AREA
	TEMPORARY WORK STATION (8'-0" x 8'-0")
	TEMPORARY COUNTER TOP (11'-6" LONG x 2'-0" DEEP)
	LINE OF TEMPORARY CORRIDOR WALLS, SEE DRAWING 3 / G-010 FOR DETAILS
	LINE OF EXISTING EGRESS ROUTE
	LINE OF TEMPORARY EGRESS ROUTES (ACTUAL LOCATION TO BE DETERMINED ON SITE BY THE GENERAL CONTRACTOR)

- GENERAL NOTES:
1.
- THE CONTRACTOR PRIOR TO START OF ANY FIELD WORK, SHALL PREPARE LOGISTICS PLAN SHOWINGTHE 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 MARERIALS.

*

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.

2.

EGRESS PATH TO EXISTING EXITS TO BE MAINTAINED DURING CONSTRUCTION.

3.

ABATEMENT OF ASBESTOS CONTAINING FLOORING MATERIAL THROUGHOUT THE PROJECT MUST BE PERFORMED IN ADVANCE OF CONSTRUCTION OF AFFECTED AREAS IN EACH PHASE.

4.

PROVIDE TEMPORARY CORRIDORS AS SHOWN AND AS REQUIRED TO MAINTAIN EGRSS AND ACCESS TO OCCUPIED AREAS AT ALL TIMES.

5.

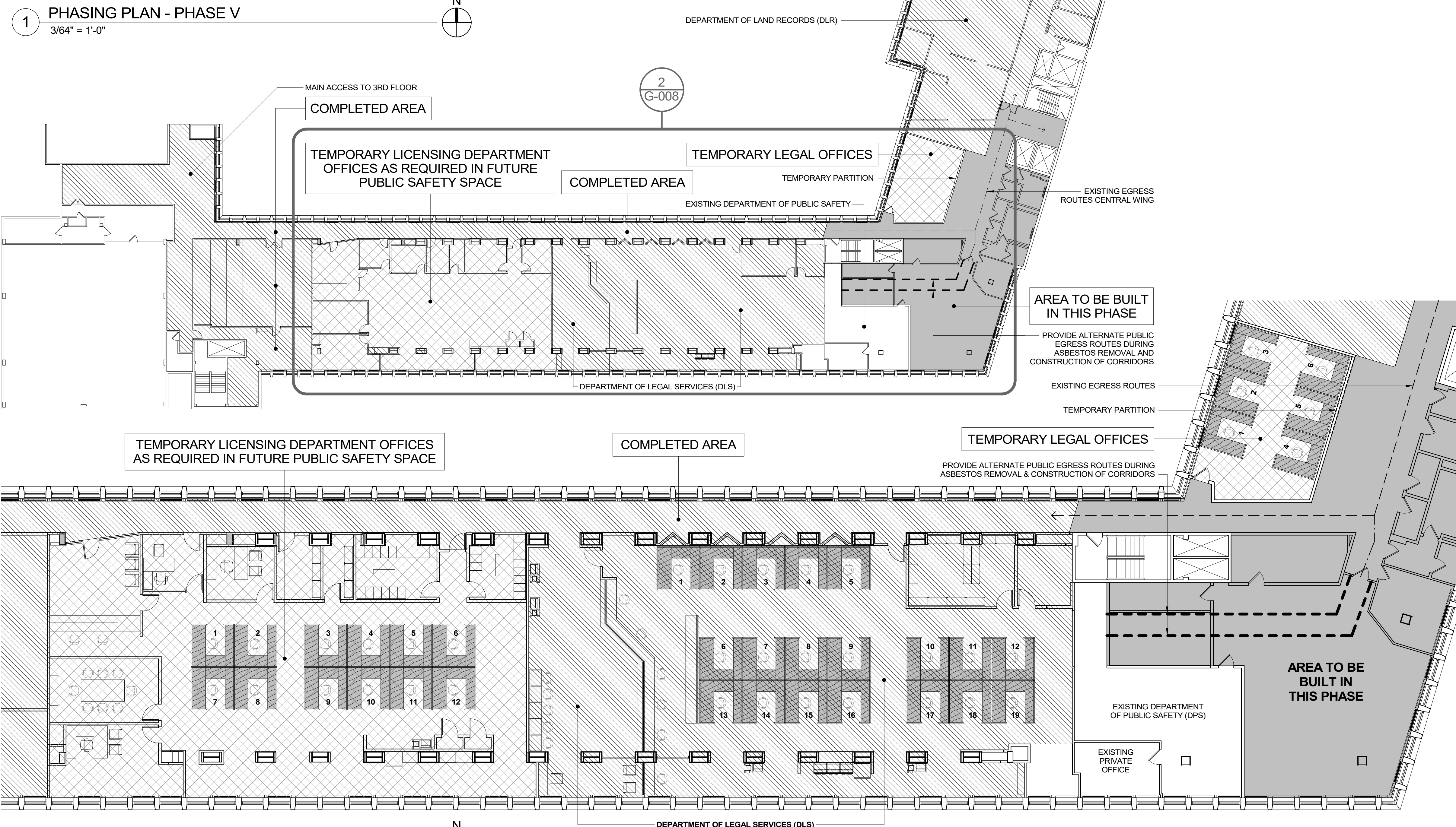
BUILD OUT TEMPORARY WALLS TO SHIELD ACCESS TO CORRIDORS, OFFICES, AND DEPARTMENTS THAT WILL REMAIN IN OPERATION DURING CONSTRUCTION.

6.

RETOUCH ALL REMAINING DAMAGED WORK RESULTING FROM PHASING OF CONSTRUCTION IN ENTIRE FLOOR.

7.

CONTRACTOR SHALL ASSUME A 2-WEEK INTERVAL BETWEEN PHASES TO RELOCATE STAFF AND EQUIPMENT.



CONSULTANT SEAL 		CONSULTANT INFORMATION Graff & Lewent 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 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		CONTRACT NUMBER 19-514 SHEET NO. 10 OF 106	SHEET NUMBER G-008 SCALE: _____ As indicated DATE: May 20, 2021 Issue Date DPW FILE NO. 52-01-T-454 REV NO. 0																									
PHASING PLAN - PHASE V																												

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PHASE VI

- 1. MOVE DEPARTMENT OF PUBLIC SAFETY TO FINAL SPACE.
- 2. FOUROFFICES FOR DEPARTMENT OF LEGAL SERVICES, OFFICE AND STORAGE FOR DEPARTMENT OF LICENSING AND NATURALIZATION TO UTILIZE AVAILABLE SEATS AT TEMPORARY LEGAL OFFICE SPACE.
- 3. COMPLETE BUILD-OUT OF OFFICES FOR DEPARTMENT OF LICENSING AND NATURALIZATION AND DEPARTMENT OF LEGAL SERVICES.

COUNTY CLERK OFFICE (WCC)

DEPARTMENT OF FINANCES (DOF)

LUNCH / BREAK ROOM

PROCESSING UNIT (PU)

ADMIN. OFFICES

STAFF RESTROOMS

COMPLETED AREA

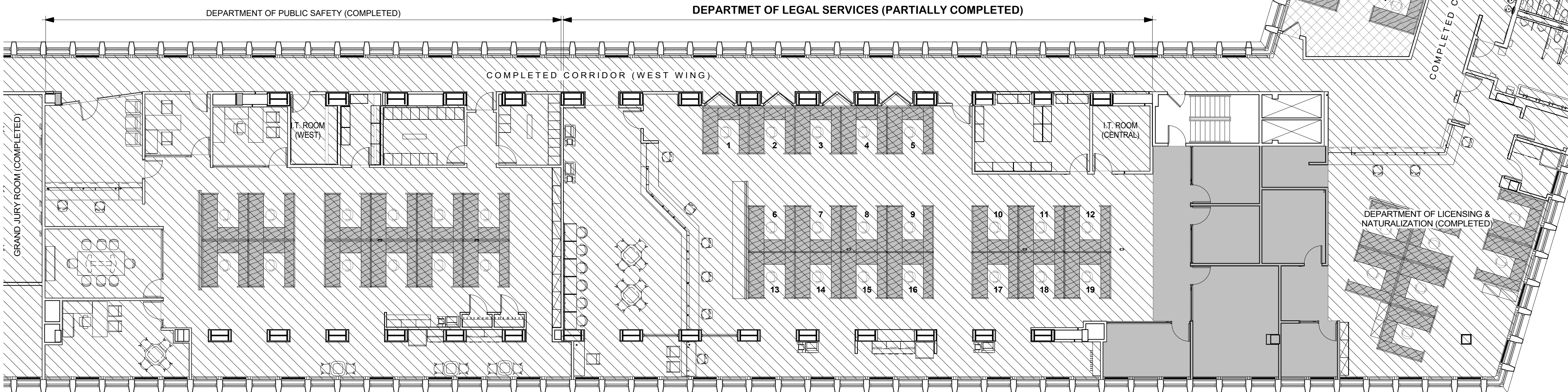
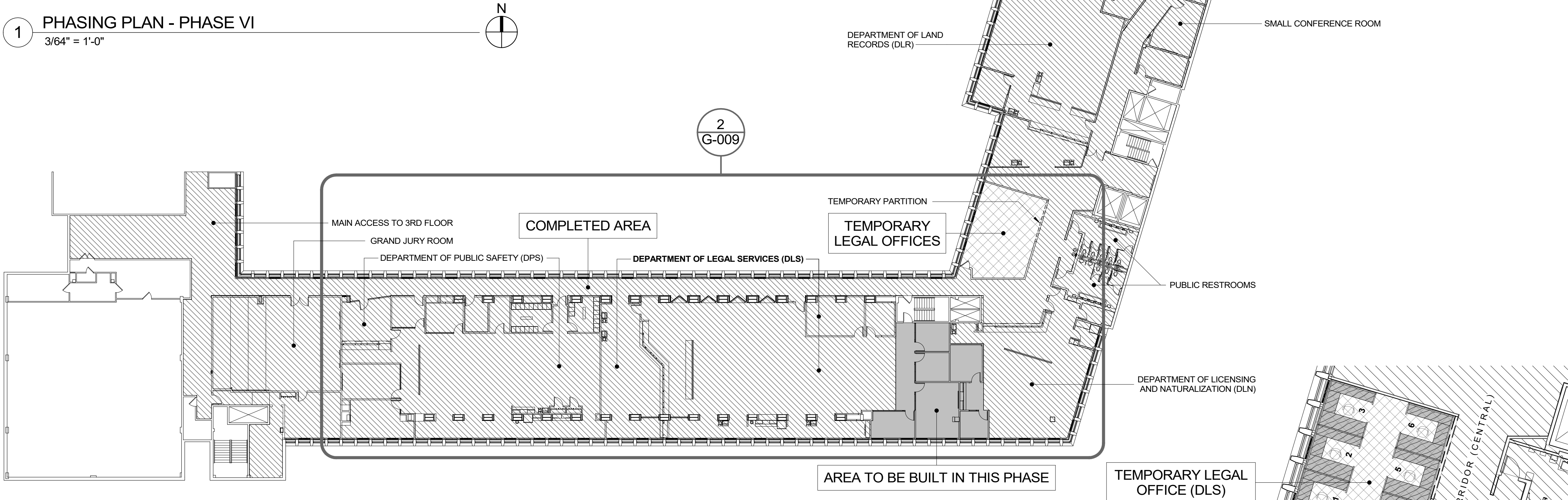
DEPARTMENT OF LAND RECORDS (DLR)

SMALL CONFERENCE ROOM

PHASING PLAN LEGEND	
SYMBOL	DESCRIPTION
	AREA OF CONSTRUCTION WORK
	AREA OF TEMPORARY OFFICE SPACE
	COMPLETED AREA
	TEMPORARY WORK STATION (8'-0" x 8'-0")
	TEMPORARY COUNTER TOP (11'-6" LONG x 2'-0" DEEP)
	LINE OF TEMPORARY CORRIDOR WALLS, SEE DRAWING 3 / G-010 FOR DETAILS
	LINE OF EXISTING EGRESS ROUTE
	LINE OF TEMPORARY EGRESS ROUTES (ACTUAL LOCATION TO BE DETERMINED ON SITE BY THE GENERAL CONTRACTOR)

- GENERAL NOTES:
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 - * 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 MARERIALS.
 - * 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 THROUGHOUT THE PROJECT MUST BE PERFORMED IN ADVANCE OF CONSTRUCTION OF AFFECTED AREAS IN EACH PHASE.
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 - BUILD OUT TEMPORARY WALLS TO SHIELD ACCESS TO CORRIDORS, OFFICES, AND DEPARTMENTS THAT WILL REMAIN IN OPERATION DURING CONSTRUCTION.
 - 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.

1 PHASING PLAN - PHASE VI
3/64" = 1'-0"



2 TEMPORARY & FINAL LEGAL OFFICES @ PHASE VI
3/32" = 1'-0"

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REVISION			
RECORD DRAWING CERTIFICATION			
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DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER G-009
DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SHEET NO. 11 OF 106	SCALE: As indicated DATE: May 20, 2021 Issue Date
PHASING PLAN - PHASE VI		DPW FILE NO. 52-01-T-455	REV NO 0

PHASE VII

- 1. 3RD FLOOR CENTRAL WING FINAL BUILD:
- MOVE TEMPORARY DEPARTMENT OF LEGAL SERVICES AND DEPARTMENT OF LAND RECORDS OFFICES TO THEIR FINAL LOCATIONS.
- BUILD REMAINING PORTION OF PUBLIC LOUNGE.

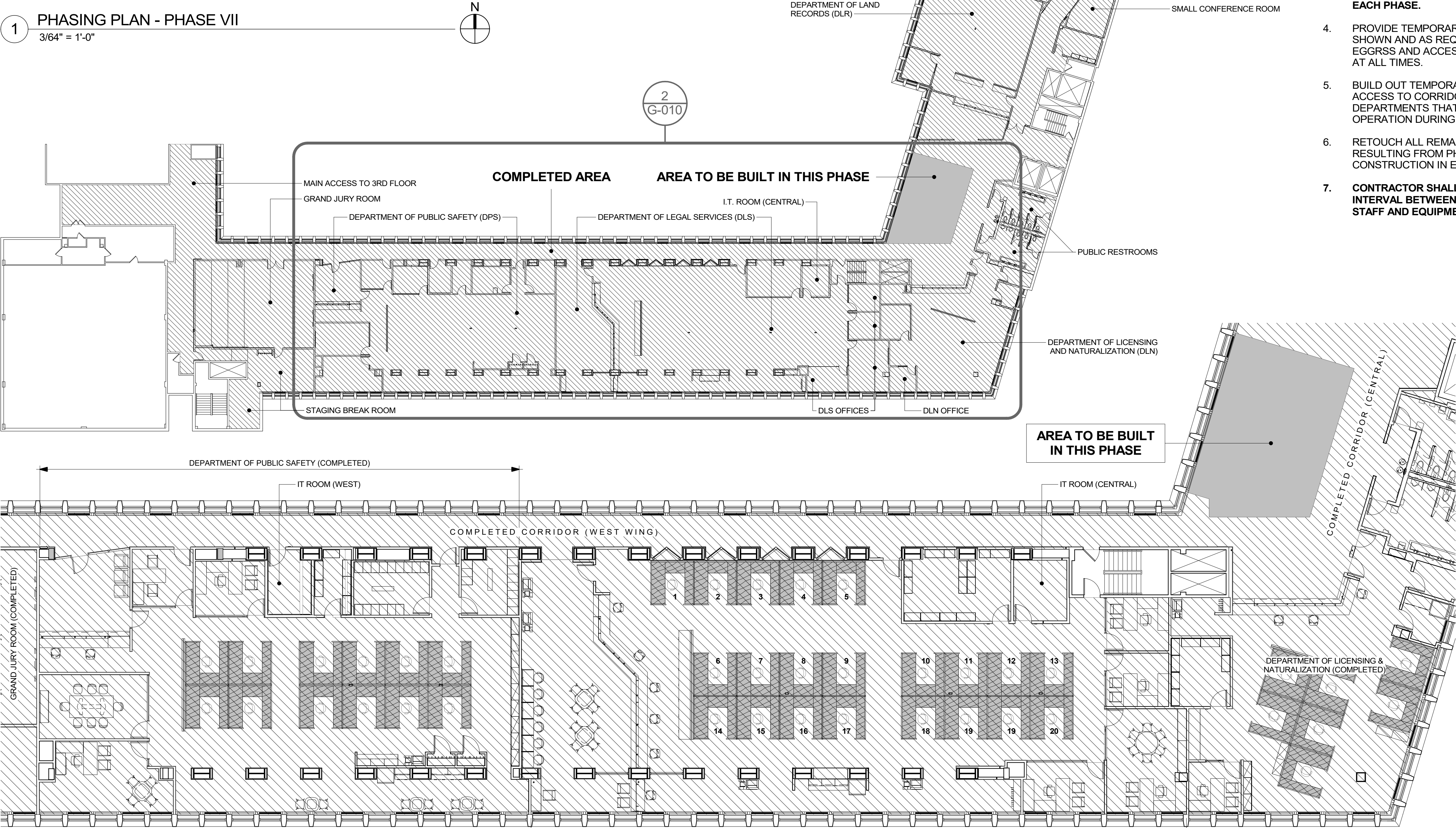


GENERAL NOTES:

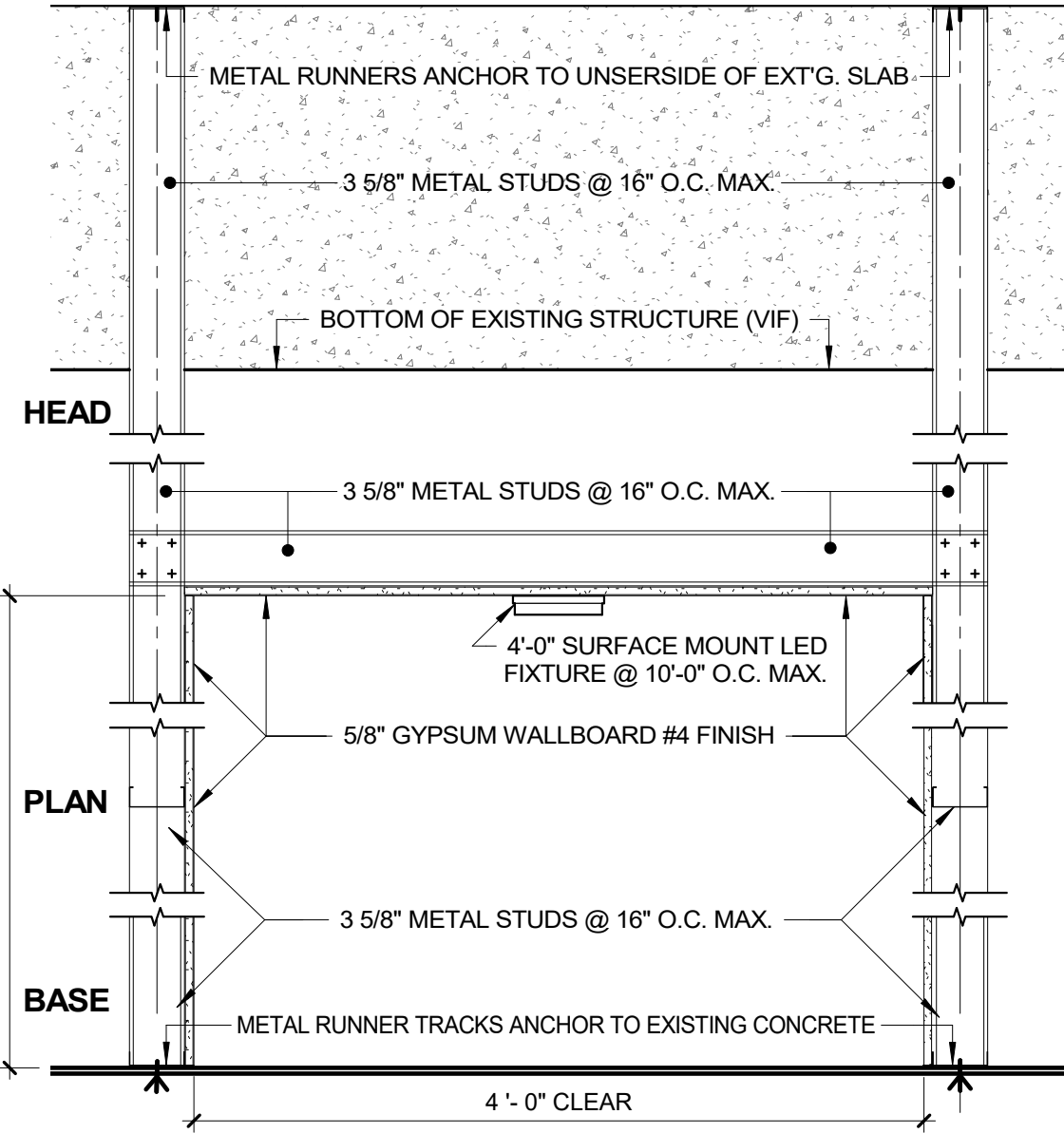
1. THE CONTRACTOR PRIOR TO START OF ANY FIELD WORK, SHALL PREPARE LOGISTICS PLAN SHOWING THE FOLLOWING:
 - * DUST MITIGATION
 - * PROCEDURE FOR NEGATIVE AIR AND HEPA FANS WITH EXTERIOR EXHAUST ORDER PREVENT CONTAMINATION OF ADJACENT WORK AREA.
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 - * TEMPORARY SIGNAGE TO DIRECT TRAFFIC AND EGRESS.
2. EGRESS PATH TO EXISTING EXITS TO BE MAINTAINED DURING CONSTRUCTION.
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6. RETOUCH ALL REMAINING DAMAGED WORK RESULTING FROM PHASING OF CONSTRUCTION IN ENTIRE FLOOR.
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	COMPLETED AREA
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	LINE OF TEMPORARY EGRESS ROUTES (ACTUAL LOCATION TO BE DETERMINED ON SITE BY THE GENERAL CONTRACTOR)

1 PHASING PLAN - PHASE VII
3/64" = 1'-0"

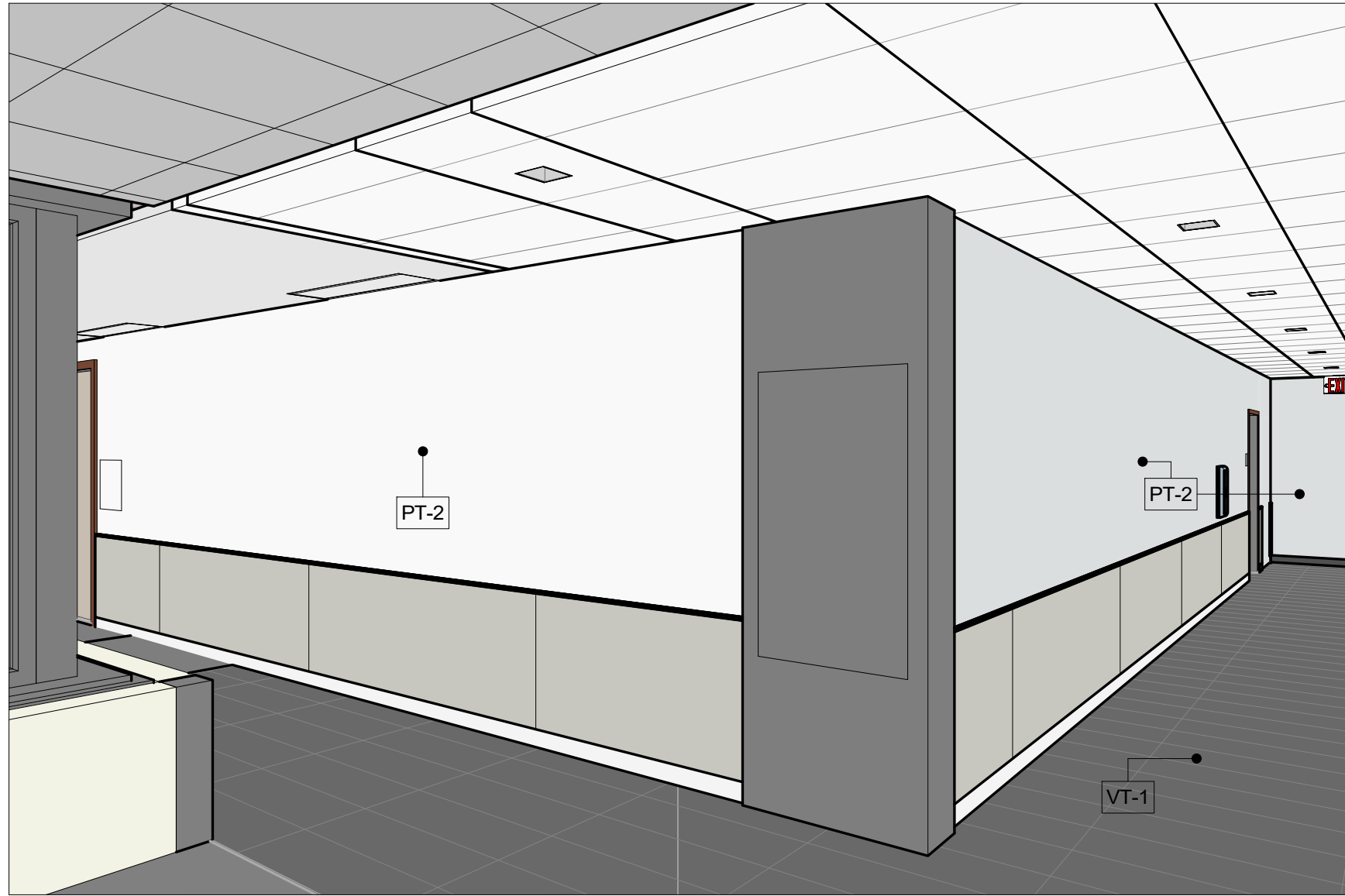


2 FINAL LEGAL OFFICES & FINAL BUILD-OUT @ PHASE VII
3/32" = 1'-0"



3 TEMPORARY CORRIDOR DETAIL
1" = 1'-0"

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PHASING PLAN - PHASE VII																												



1 GRAND JURY ROOM FROM NW CORNER



2 GRAND JURY ROOM FROM SW CORNER



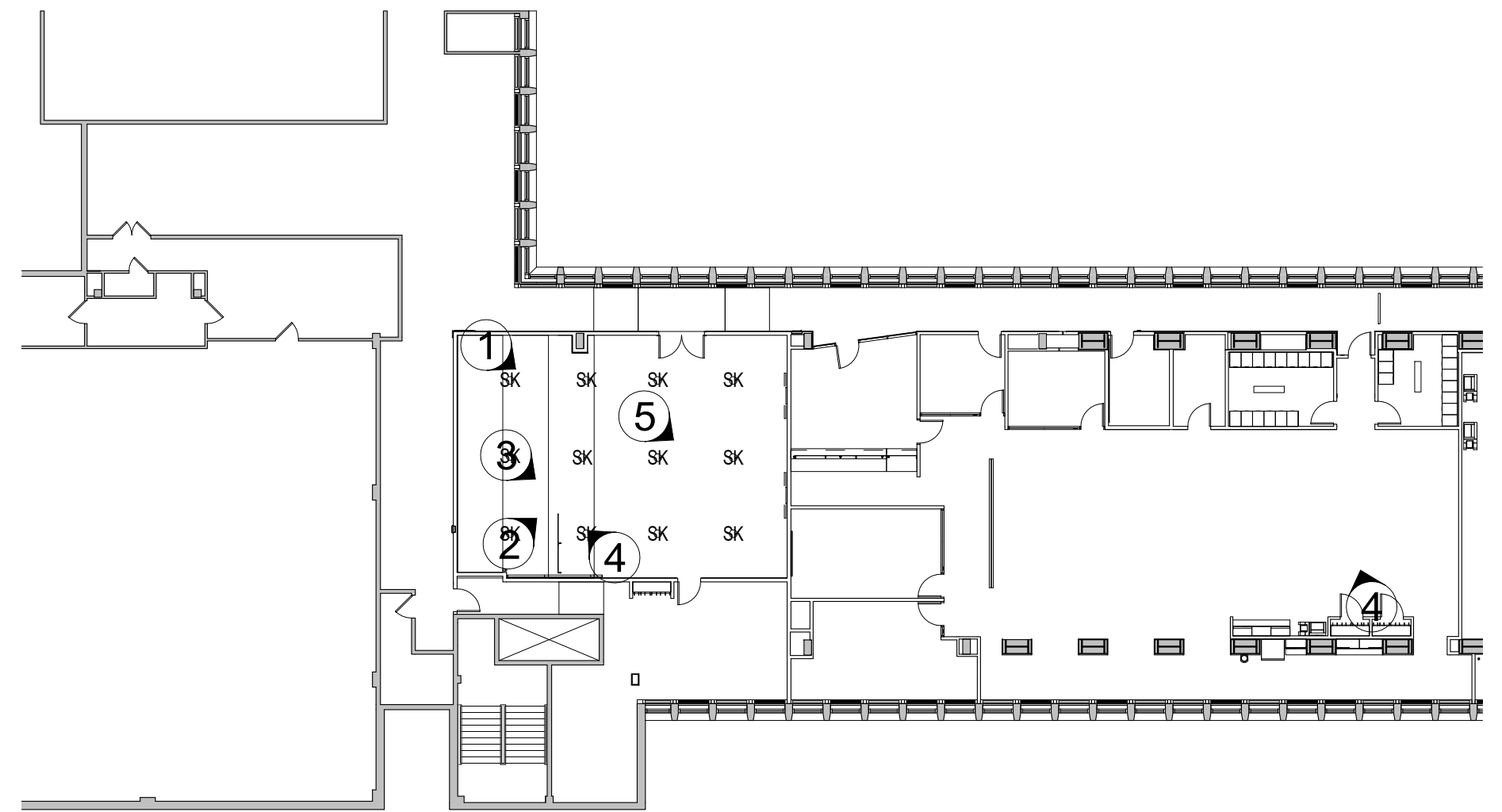
3 GRAND JURY ROOM FROM NW CORNER



4 GRAND JURY ROOM SE CORNER



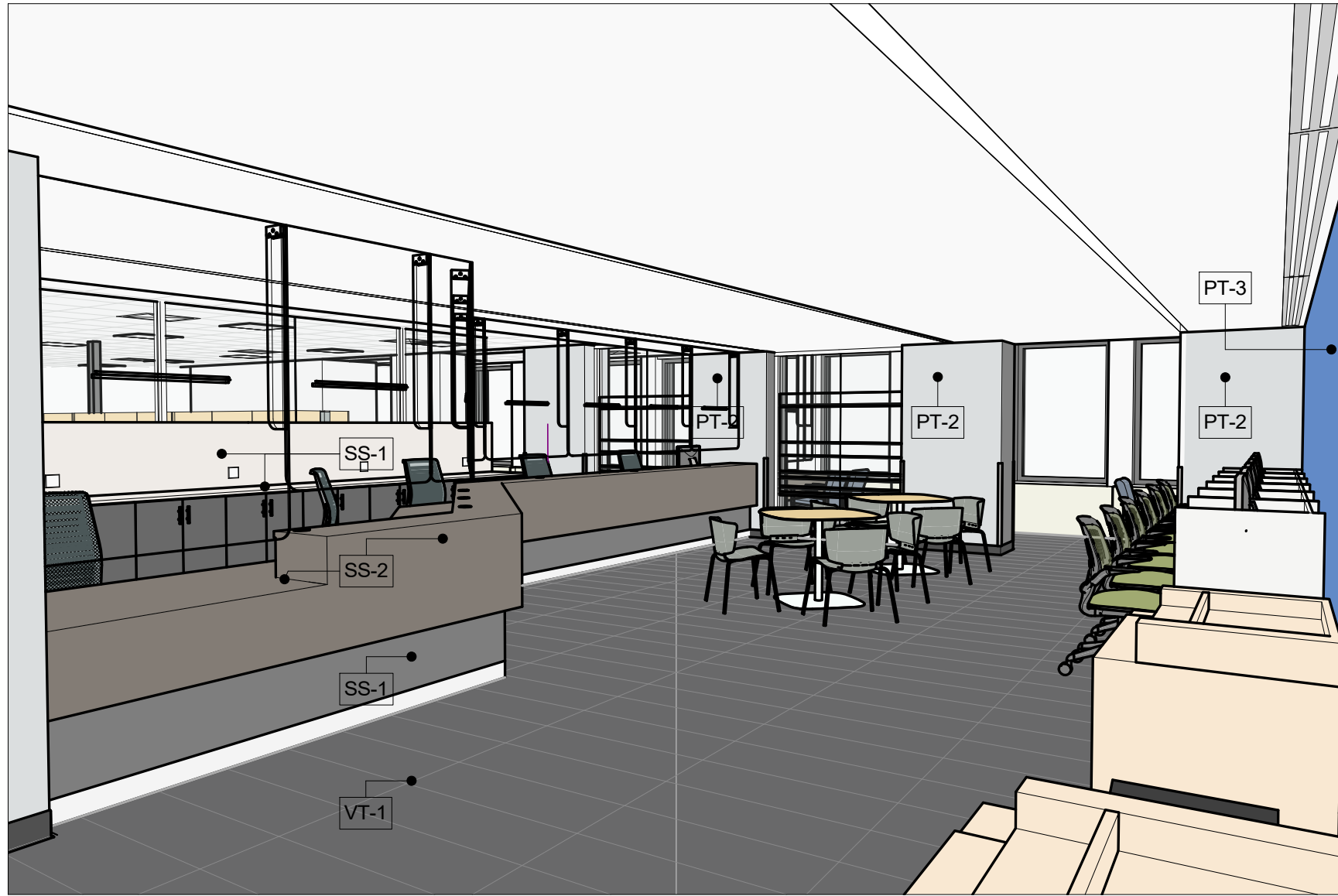
5 GRAND JURY ROOM EAST VIEW



K KEY PLAN FOR 3D VIEWS - WEST WING
1" = 20'-0"

NOTE:
3D IMAGES ARE NOT TO SCALE AND FOR REFERENCE AND
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DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1" = 20'-0" DATE: May 20, 2021 DPW FILE NO. 52-01-T-457																										
PERSPECTIVE VIEWS		SHEET NUMBER G-011 Issue Date REV NO 0																										



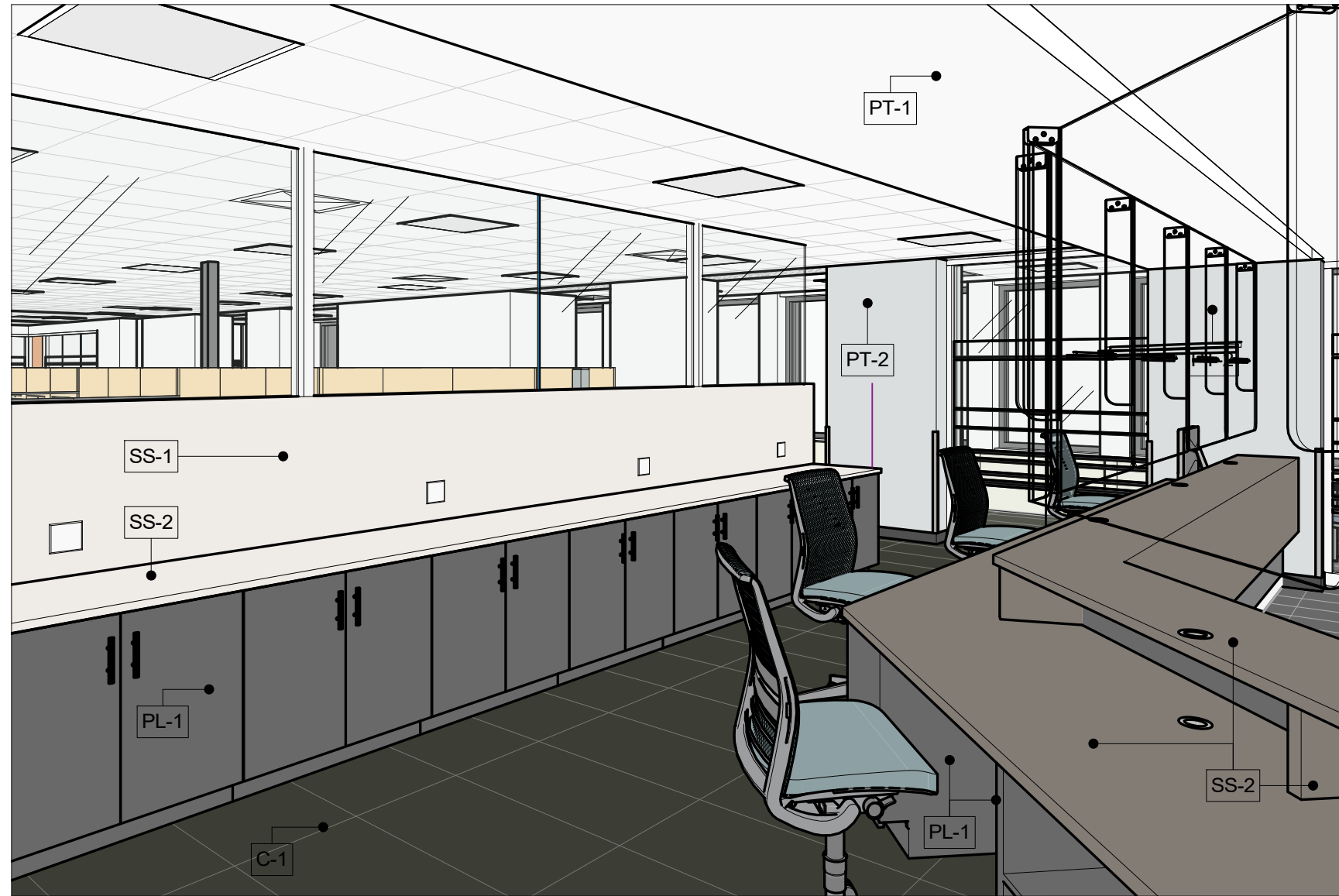
1 DLS LEGAL DEPMT. FROM NW CORNER



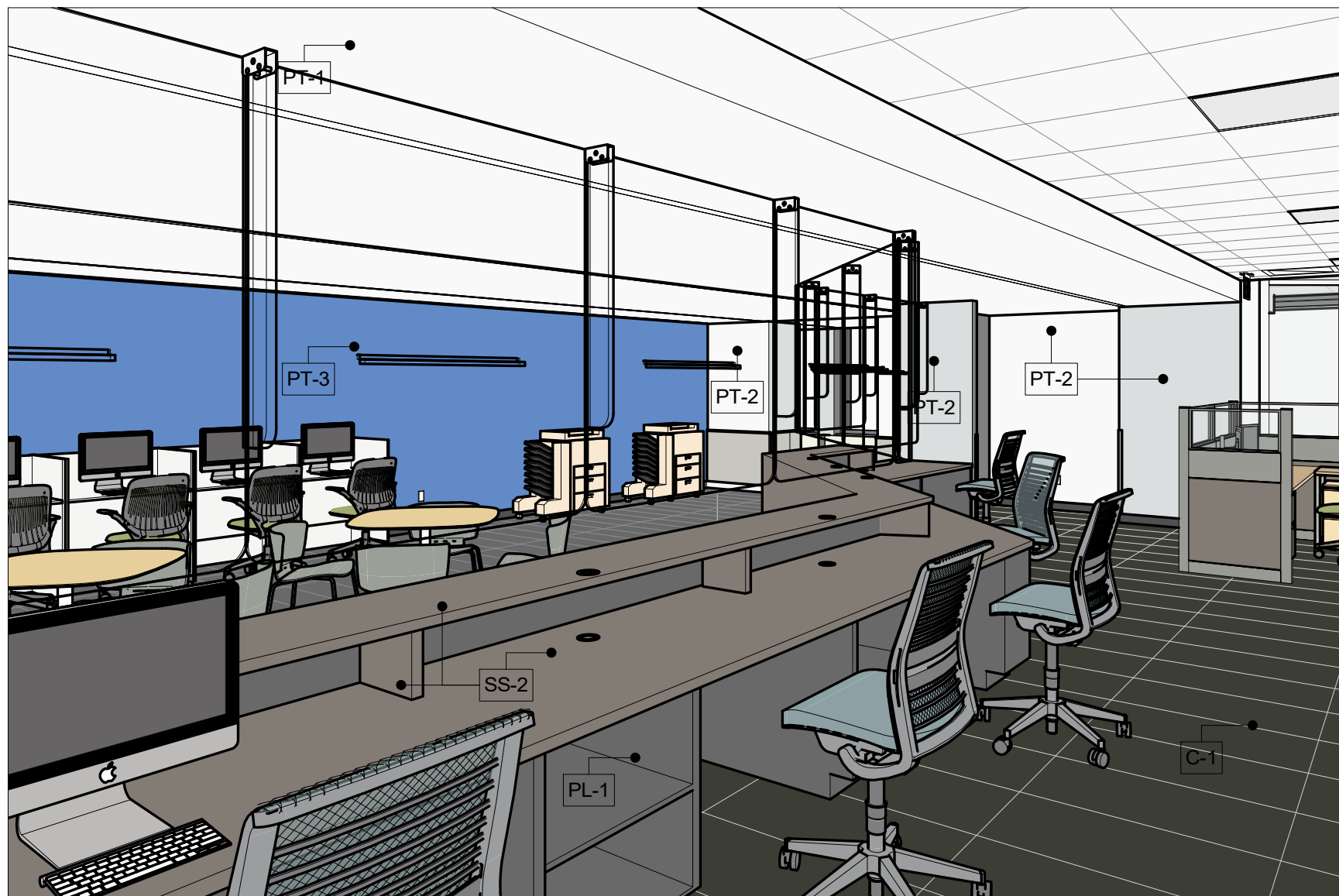
2 DLS LEGAL DEPMT. FROM NW CORNER SIDE VIEW



3 DLS LEGAL DEPMT. RECEPTION DESK BACK VIEW



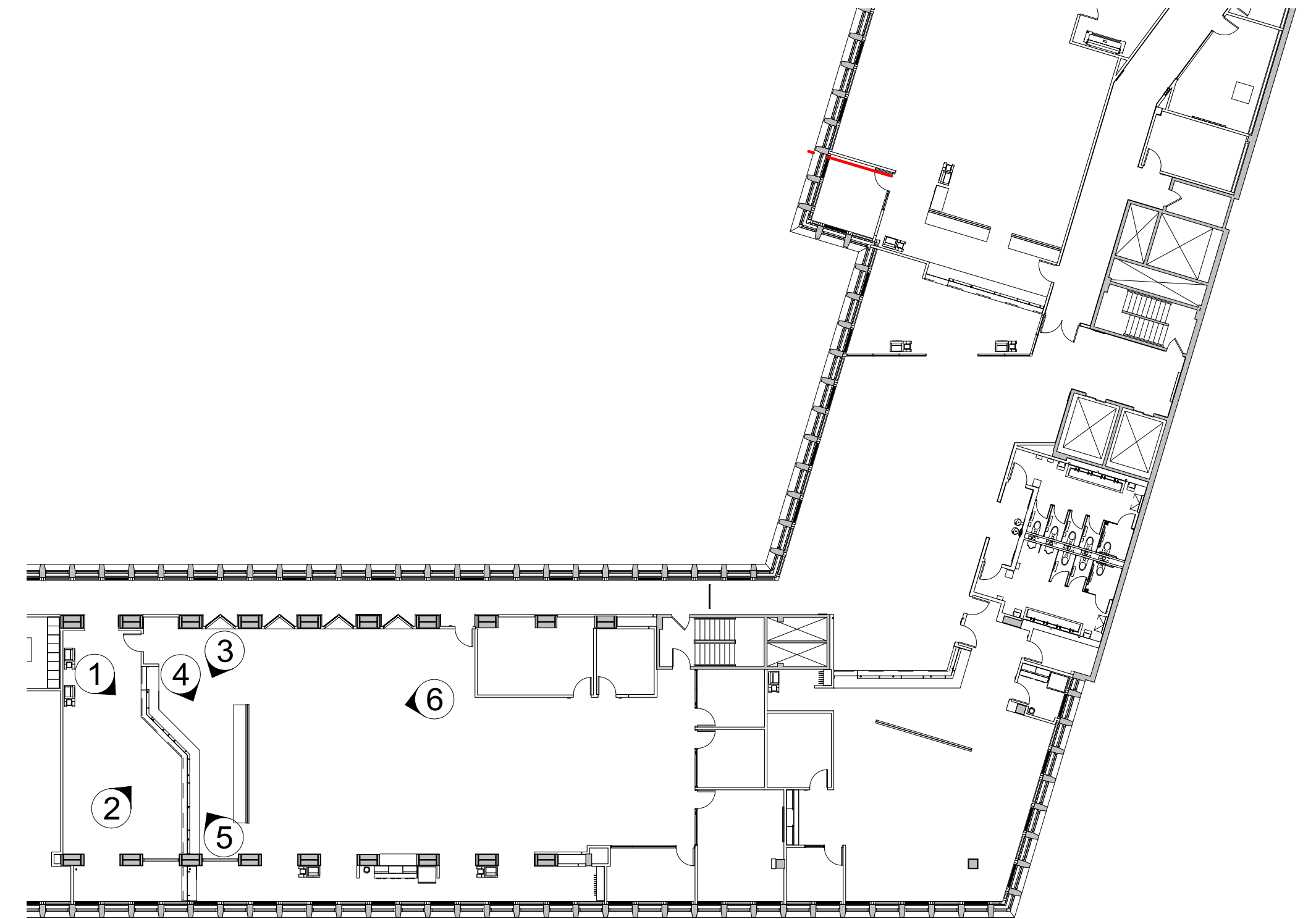
4 DLS LEGAL DEPMT. FROM SW CORNER



5 DLS LEGAL DEPMT. FROM NW CORNER BACK VIEW



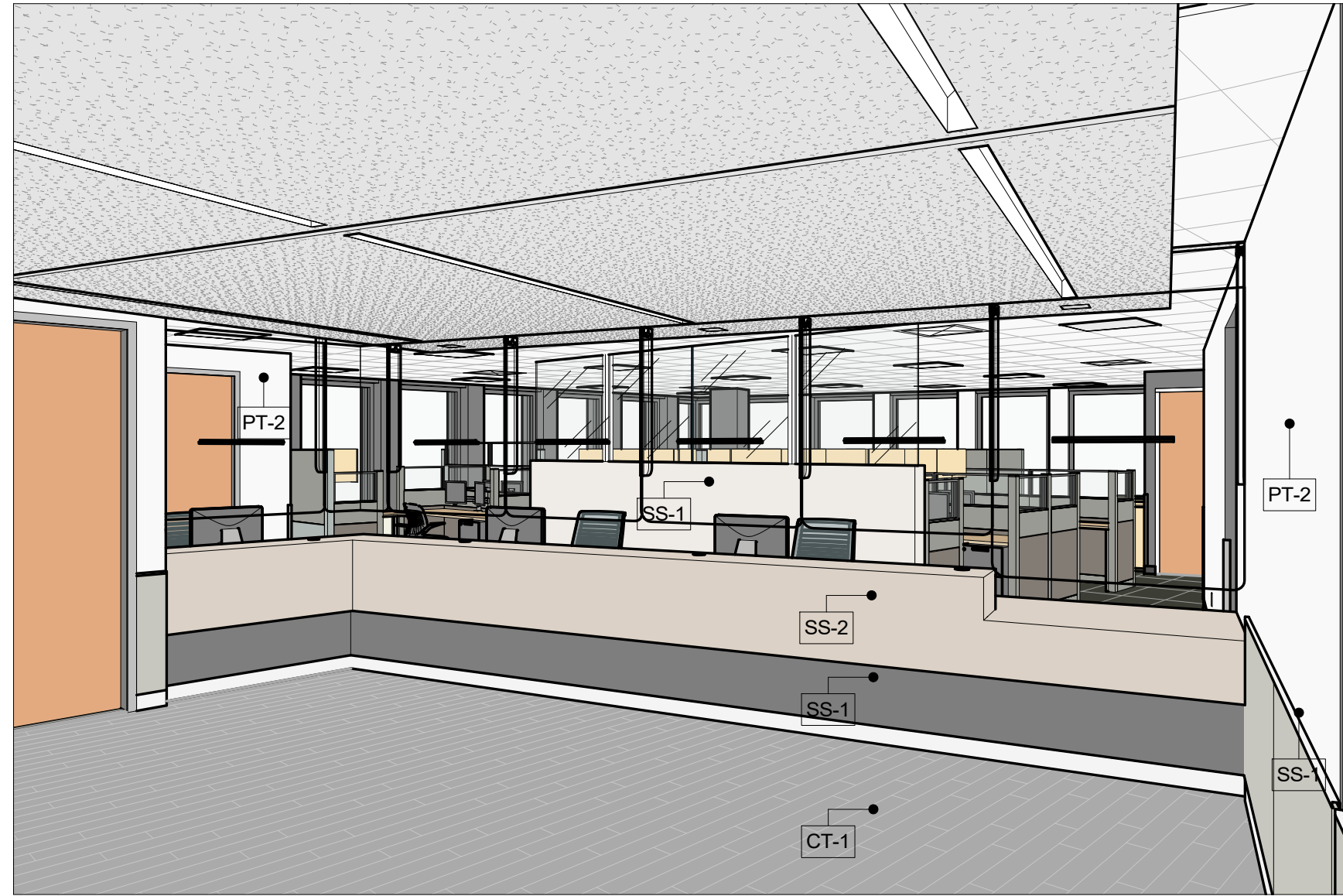
6 DLS LEGAL DEPMT. WORK STATION AREA



K KEY PLAN FOR 3D VIEWS - CENTRAL WING
1" = 20'-0"

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<div>WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION</div>		<div>CONTRACT NUMBER 19-514 SHEET NO. 14 OF 106</div>																					
<div>DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK</div>		<div>SCALE: 1" = 20'-0" DATE: May 20, 2021 DPW FILE NO. 52-01-T-458</div>																					
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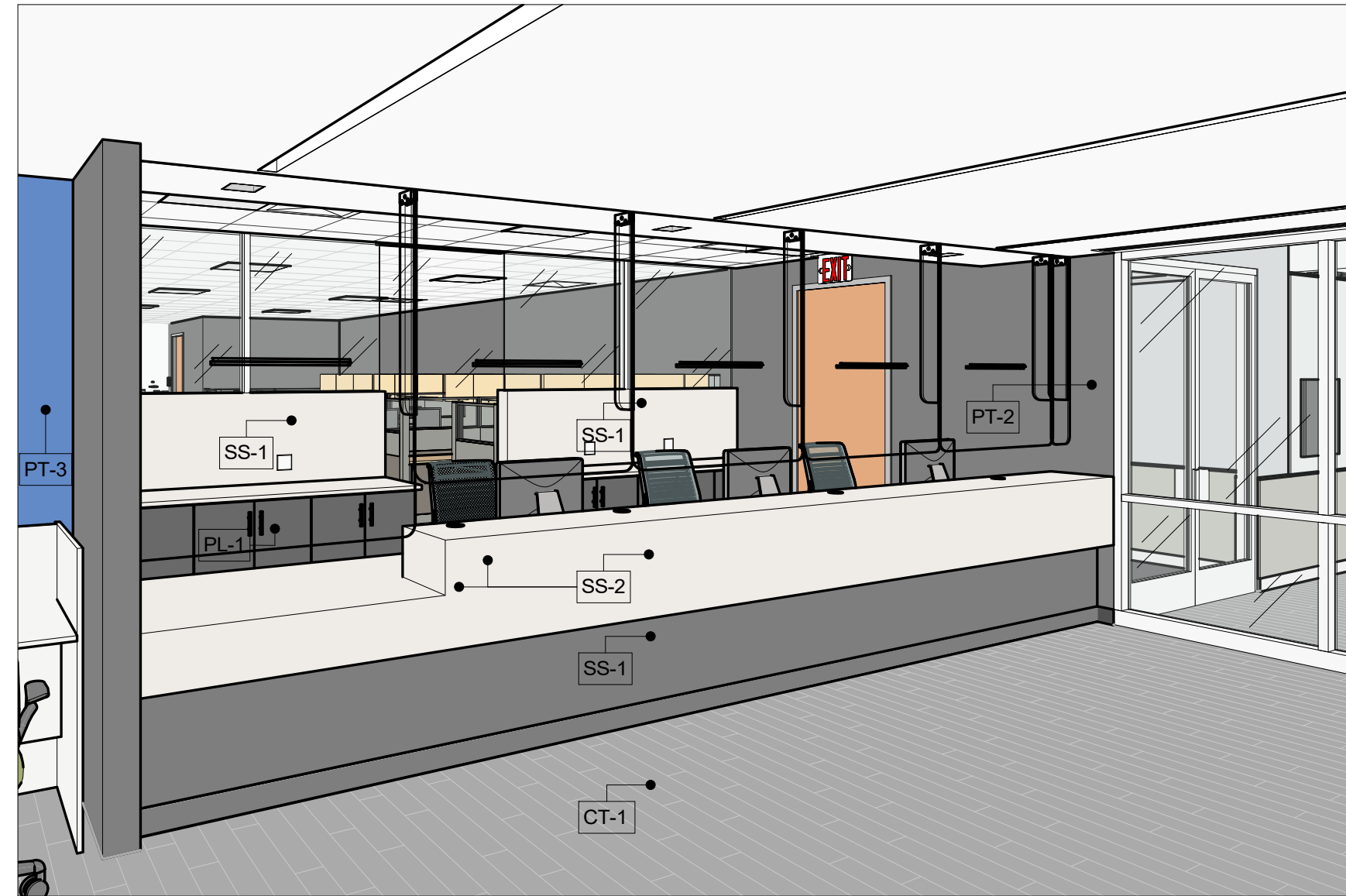
1 DNL PUBLIC LOUNGE FROM NW CORNER



2 DNL RECEPTION DESK



3 DLR PUBLIC LOUNGE FROM SE CORNER



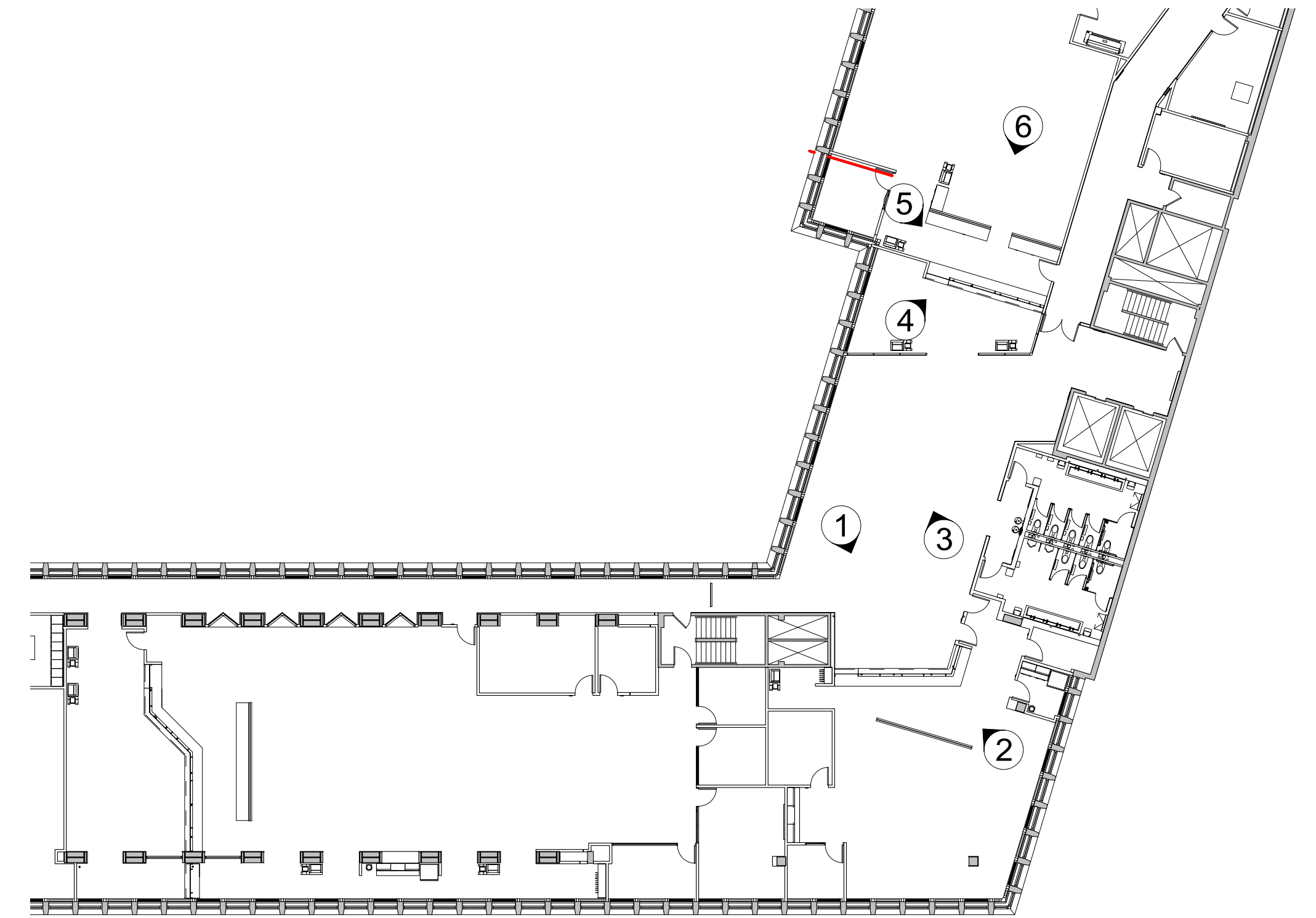
4 DLR RECEPTION DESK FRONT VIEW



5 DLR RECEPTION DESK BACK VIEW



6 DLR WORK STATION VIEW



K KEY PLAN FOR 3D VIEWS - CENTRAL WING SD-007
1" = 20'-0"

NOTE:
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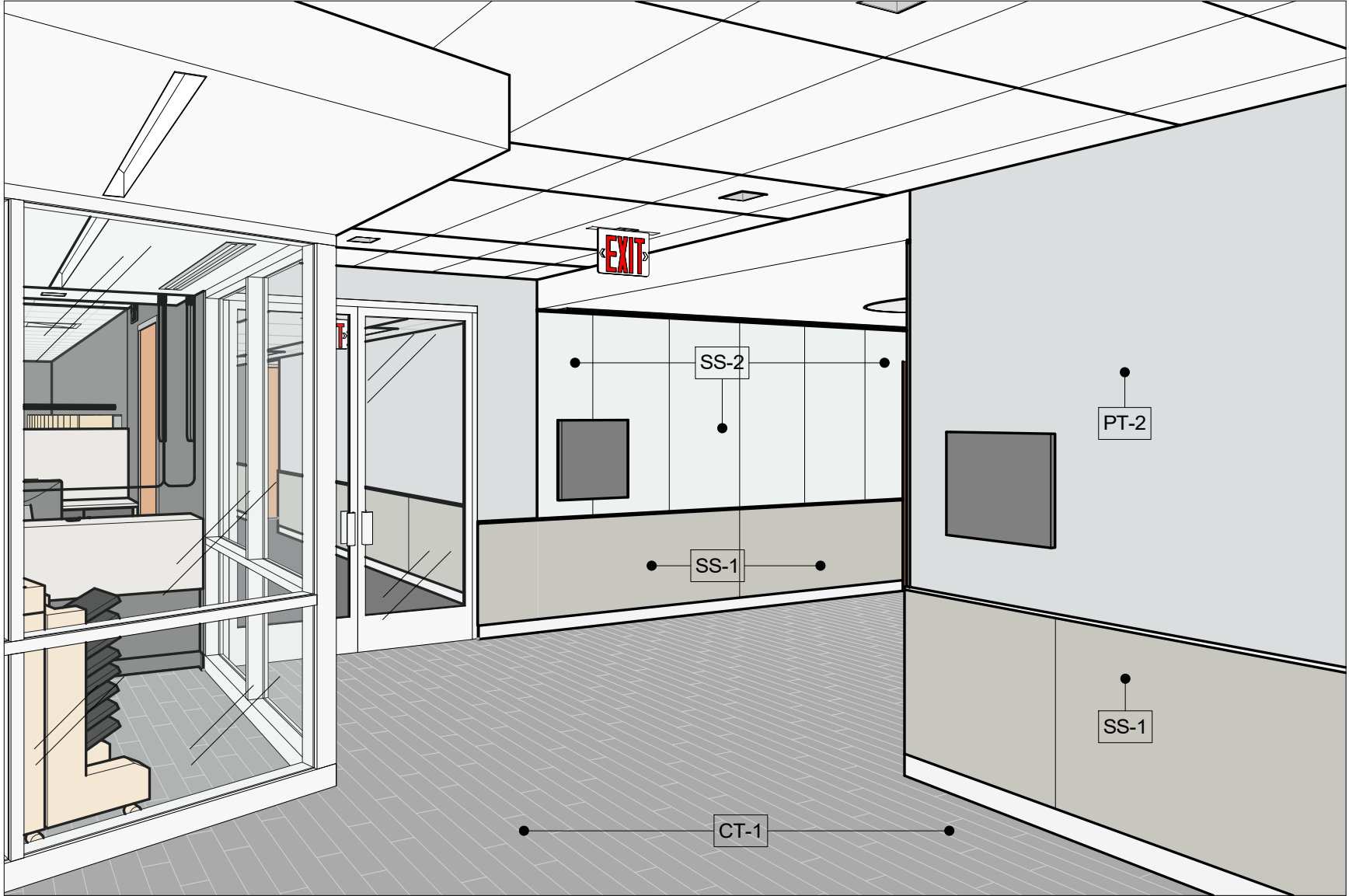
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER G-013																				
DIVISION OF ENGINEERING		SHEET NO. 15 OF 106	SCALE: 1" = 20'-0"																				
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		DATE: May 20, 2021	Issue Date																				
PERSPECTIVE VIEWS		DPW FILE NO. 52-01-T-459	REV NO. 0																				



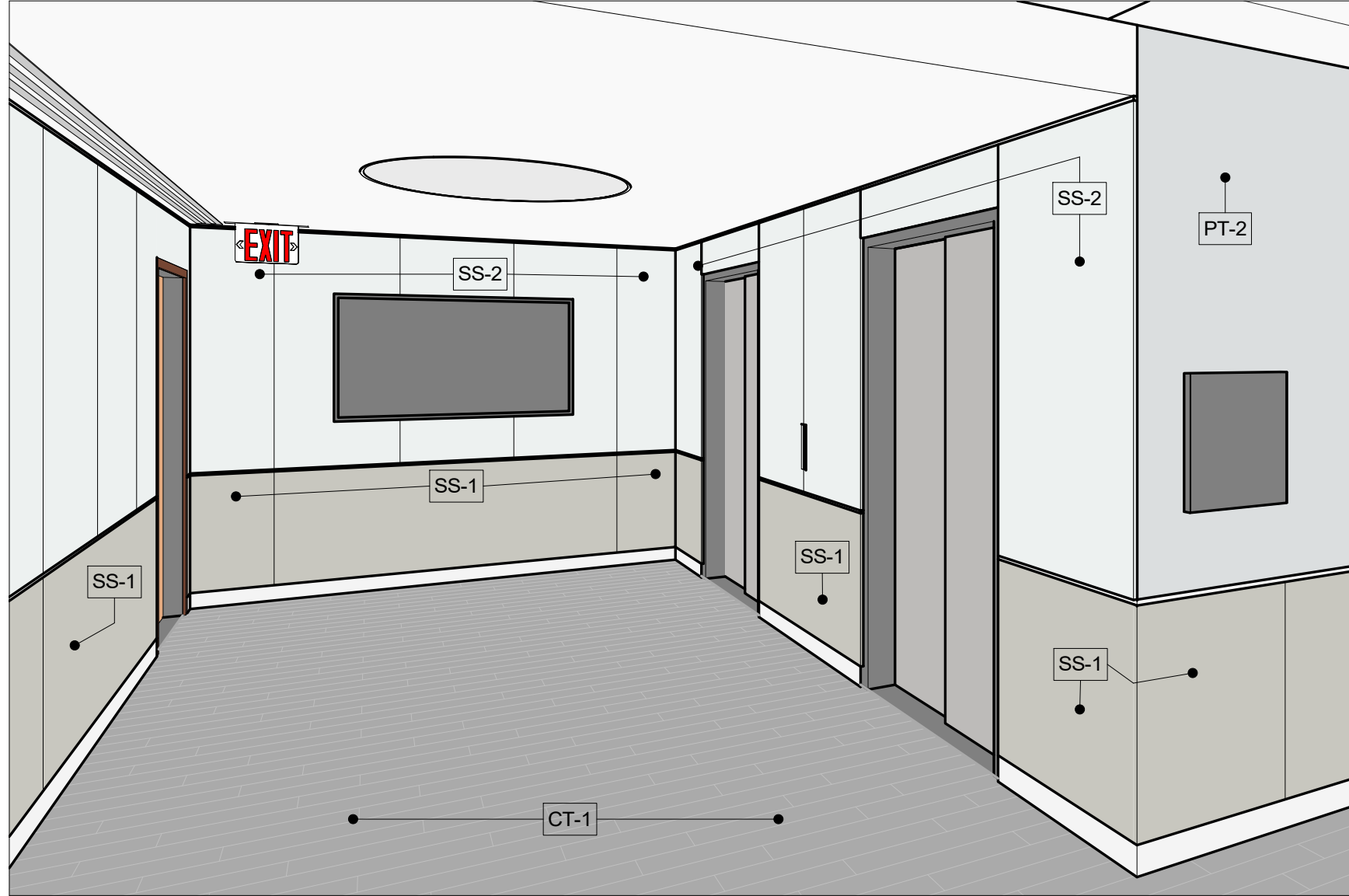
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ETC. FOR CONSTRUCTION.



CONSULTANT SEAL 	CONSULTANT INFORMATION <h1 style="margin: 0;">Graf & Lewent</h1> <h2 style="margin: 0;">Architects LLP</h2> <p style="margin: 0;">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 DIVISION OF ENGINEERING																															
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK				CONTRACT NUMBER 19-514	SHEET NUMBER G-015																										
PERSPECTIVE VIEWS				SHEET NO. 17 OF 106	SCALE: 1" = 20'-0" DATE: May 20, 2021 Issue Date DPW FILE NO. 52-01-T-461																										
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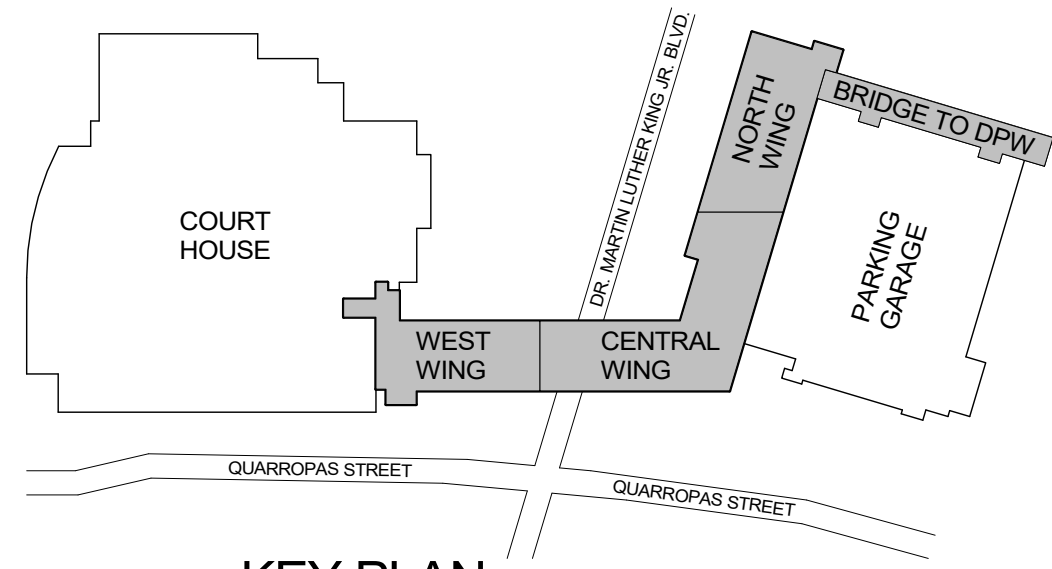


2 DLR & ELEVATOR LOBBY VIEW Copy 1

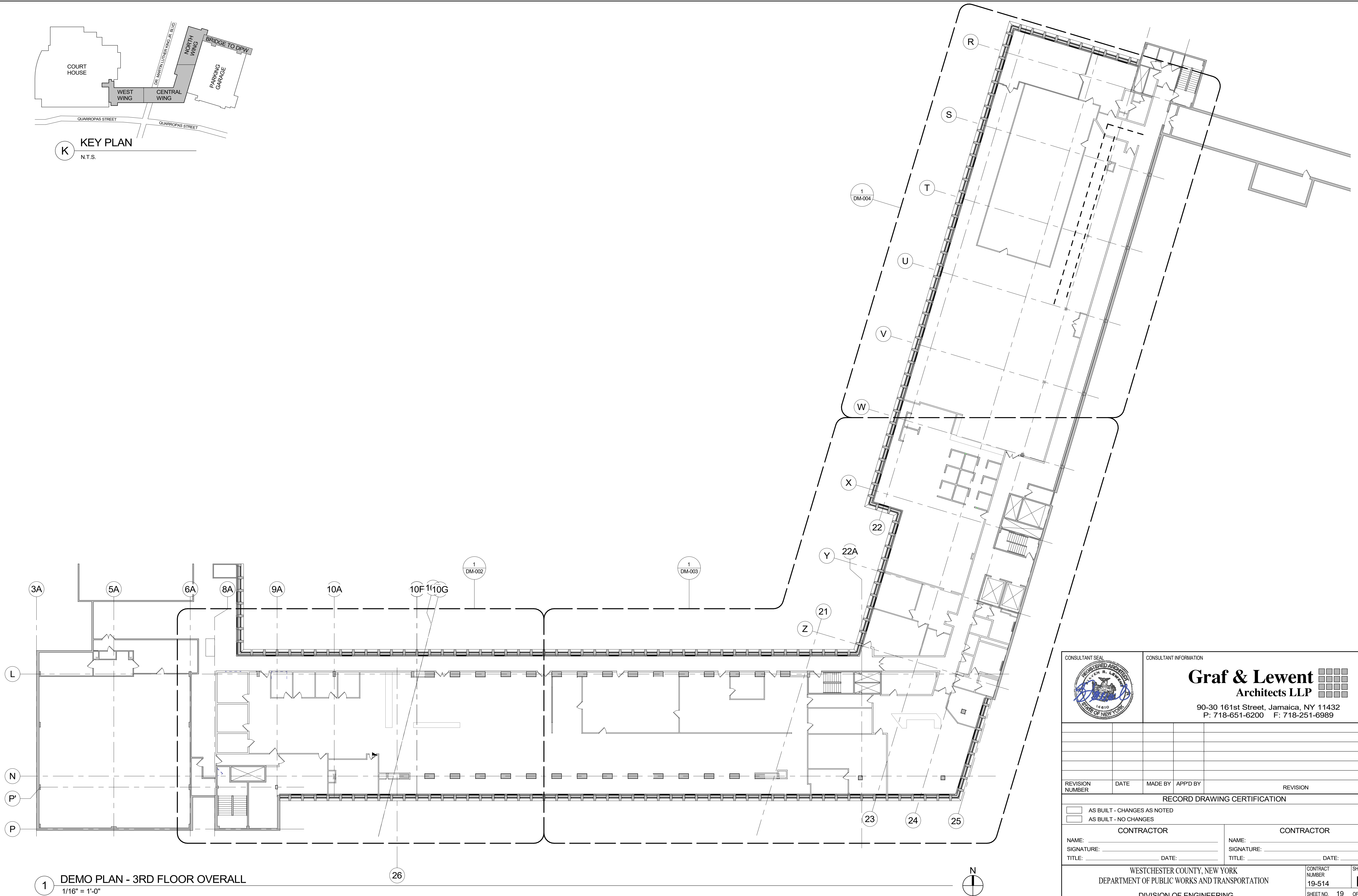


1 ELEVATOR LOBBY LOU 2 VIEW Copy 1

<div>CONSULTANT SEAL</div> <div></div>		<div>CONSULTANT INFORMATION</div> <div><div>Graf & Lewent</div><div>Architects LLP</div><div>90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</div></div>	
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	G-016
DIVISION OF ENGINEERING		SHEET NO. 18	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: DATE: May 20, 2021	Issue Date
PERSPECTIVE VIEWS		DPW FILE NO. 52-01-T-462	REV NO. 0

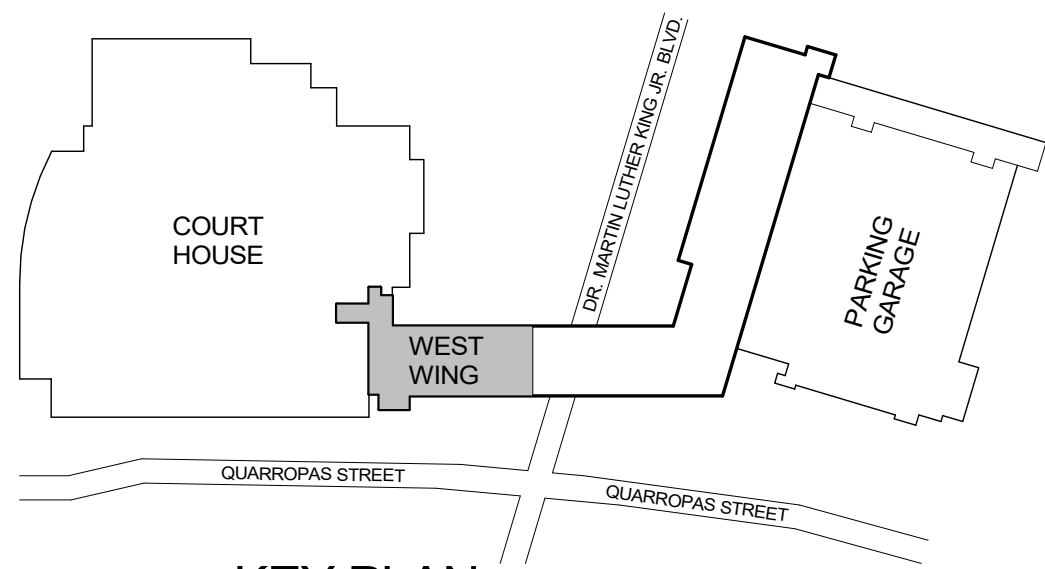


K KEY PLAN
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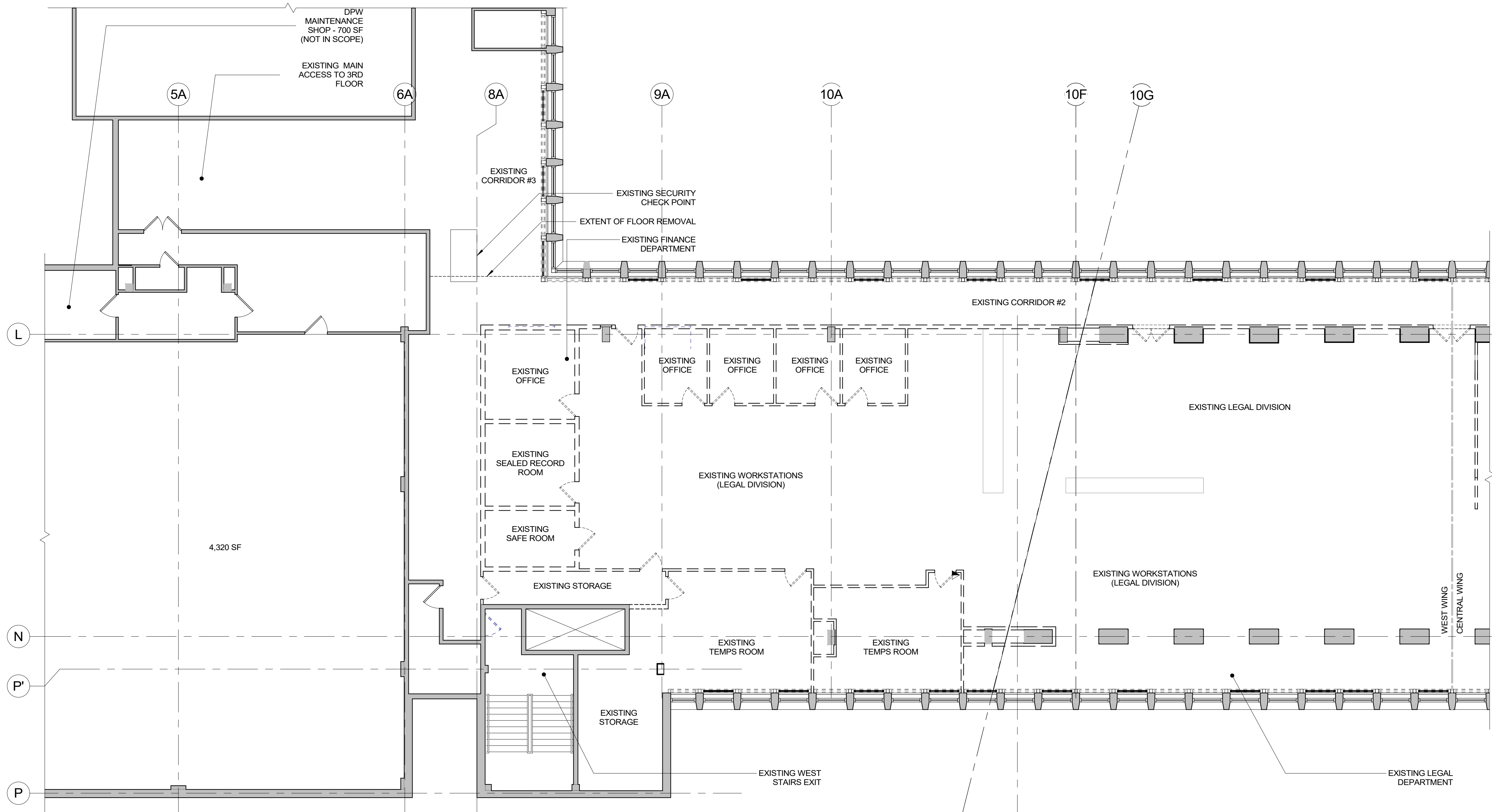


1 DEMO PLAN - 3RD FLOOR OVERALL
1/16" = 1'-0"

		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
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	
DIVISION OF ENGINEERING		SHEET NO. 19 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/16" = 1'-0" DATE: May 20, 2021 Issue Date	
DEMOLITION PLAN - 3RD FLOOR OVERALL		DPW FILE NO. 52-01-T-463	
		REV NO 0	



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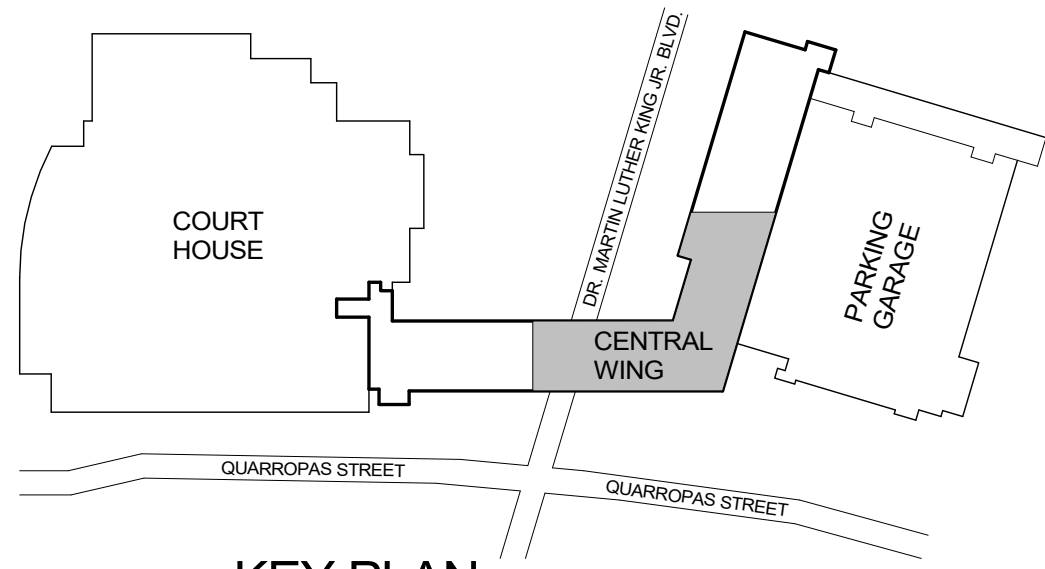
1 DEMO PLAN - 3RD FLOOR WEST WING
1/8" = 1'-0"

DEMOLITION PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXIST. WALL/ PARTITION TO REMAIN
	EXISTING COLUMN TO REMAIN
	EXISTING WALL / PARTITION TO BE REMOVED
	EXISTING DOOR TO REMAIN
	EXISTING DOOR FRAME TO BE REMOVED
	EXISTING SINK, FAUCET, COUNTER, AND CABINETS TO BE REMOVED
	EXISTING FAN COIL UNITS COVERS AT EXTERIOR WALLS TO REMAIN. PREPARE AND PAINT AFTER COMPLETION OF NEW FAN COIL INSTALLATION

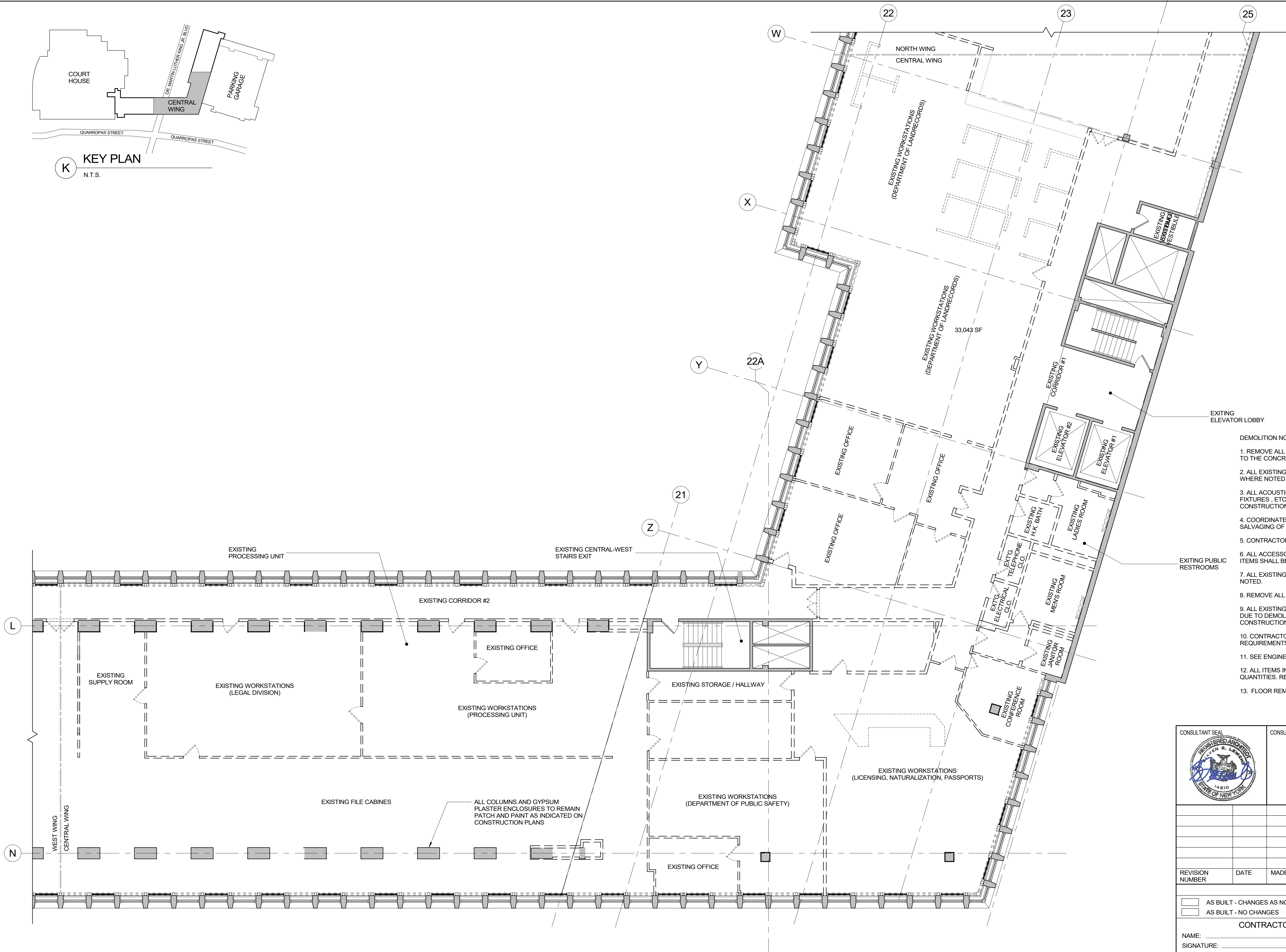
- DEMOLITION NOTES:
1. REMOVE ALL FLOOR FINISHES AND ALL EXISTING WALL BASES IN AREA OF WORK, DOWN TO THE CONCRETE FLOOR.
 2. ALL EXISTING EQUIPMENT, CASEWORK, COUNTERTOPS, ETC. TO BE REMOVED EXCEPT WHERE NOTED FOR RELOCATION.
 3. ALL ACOUSTIC TILE CEILING, LIGHT FIXTURES, SPEAKERS, ELECTRICAL DEVICES, PLUMBING, FIXTURES, ETC. TO BE REMOVED. ALSO REMOVE ALL RELATED ACCESSORIES AND SUPPORTING CONSTRUCTION.
 4. COORDINATE DISPOSAL OF FURNITURE AND EQUIPMENT WITH WCDPW FOR POSSIBLE SALVAGING OF USEFUL ITEMS.
 5. CONTRACTOR TO TURN OVER ALL EXISTING DOOR HARDWARE TO WCDPW.
 6. ALL ACCESSORY CONSTRUCTION, BLOCKING, CLIPS, TRIM-WORK, AND ALL MISCELLANEOUS ITEMS SHALL BE REMOVED.
 7. ALL EXISTING CONDUITS, WIREMOLD AND ELECTRICAL OUTLETS TO BE REMOVED OR AS NOTED.
 8. REMOVE ALL SURFACE MOUNTED OUTLETS, DEVICE, ETC.
 9. ALL EXISTING WALLS, PARTITIONS, FLOORS, AND CEILINGS TO REMAIN THAT ARE DAMAGED DUE TO DEMOLITION WORK ARE TO BE PATCHED AS REQUIRED. SEE GENERAL NOTE NO. 1 ON CONSTRUCTION PLANS.
 10. CONTRACTOR MUST COORDINATE ALL DEMOLITION WORK WITH ASBESTOS ABATEMENT REQUIREMENTS.
 11. SEE ENGINEERING DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.
 12. ALL ITEMS INDICATED TO BE REMOVED ARE TO GIVE THE CONTRACTOR A SENSE OF THE QUANTITIES. REMOVE ALL ITEMS REGARDLESS OF THE EXACT QUANTITIES.
 13. FLOOR REMOVAL TO BE COORDINATED WITH ASBESTOS ABATEMENT PROCEDURES.

		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
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER DM-002
DIVISION OF ENGINEERING		SHEET NO. 20	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/8" = 1'-0" DATE: May 20, 2021	Issue Date REV NO 0
PARTIAL DEMOLITION PLAN - WEST WING		52-01-T-464	

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K KEY PLAN
N.T.S.



DEMOLITION PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXIST. WALL/ PARTITION TO REMAIN
	EXISTING COLUMN TO REMAIN
	EXISTING WALL / PARTITION TO BE REMOVED
	EXISTING DOOR TO REMAIN
	EXISTING DOOR FRAME TO BE REMOVED
	EXISTING SINK, FAUCET, COUNTER, AND CABINETS TO BE REMOVED
	EXISTING FAN COIL UNITS COVERS AT EXTERIOR WALLS TO REMAIN. PREPARE AND PAINT AFTER COMPLETION OF NEW FAN COIL INSTALLATION

- DEMOLITION NOTES:
1. REMOVE ALL FLOOR FINISHES AND ALL EXISTING WALL BASES IN AREA OF WORK, DOWN TO THE CONCRETE FLOOR.
 2. ALL EXISTING EQUIPMENT, CASEWORK, COUNTERTOPS, ETC. TO BE REMOVED EXCEPT WHERE NOTED FOR RELOCATION.
 3. ALL ACOUSTIC TILE CEILING, LIGHT FIXTURES, SPEAKERS, ELECTRICAL DEVICES, PLUMBING, FIXTURES, ETC. TO BE REMOVED. ALSO REMOVE ALL RELATED ACCESSORIES AND SUPPORTING CONSTRUCTION.
 4. COORDINATE DISPOSAL OF FURNITURE AND EQUIPMENT WITH WCDPW FOR POSSIBLE SALVAGING OF USEFUL ITEMS.
 5. CONTRACTOR TO TURN OVER ALL EXISTING DOOR HARDWARE TO WCDPW.
 6. ALL ACCESSORY CONSTRUCTION, BLOCKING, CLIPS, TRIM-WORK, AND ALL MISCELLANEOUS ITEMS SHALL BE REMOVED.
 7. ALL EXISTING CONDUITS, WIREMOLD AND ELECTRICAL OUTLETS TO BE REMOVED OR AS NOTED.
 8. REMOVE ALL SURFACE MOUNTED OUTLETS, DEVICE, ETC.
 9. ALL EXISTING WALLS, PARTITIONS, FLOORS, AND CEILINGS TO REMAIN THAT ARE DAMAGED DUE TO DEMOLITION WORK ARE TO BE PATCHED AS REQUIRED. SEE GENERAL NOTE NO. 1 ON CONSTRUCTION PLANS.
 10. CONTRACTOR MUST COORDINATE ALL DEMOLITION WORK WITH ASBESTOS ABATEMENT REQUIREMENTS.
 11. SEE ENGINEERING DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.
 12. ALL ITEMS INDICATED TO BE REMOVED ARE TO GIVE THE CONTRACTOR A SENSE OF THE QUANTITIES. REMOVE ALL ITEMS REGARDLESS OF THE EXACT QUANTITIES.
 13. FLOOR REMOVAL TO BE COORDINATED WITH ASBESTOS ABATEMENT PROCEDURES.



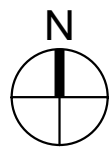
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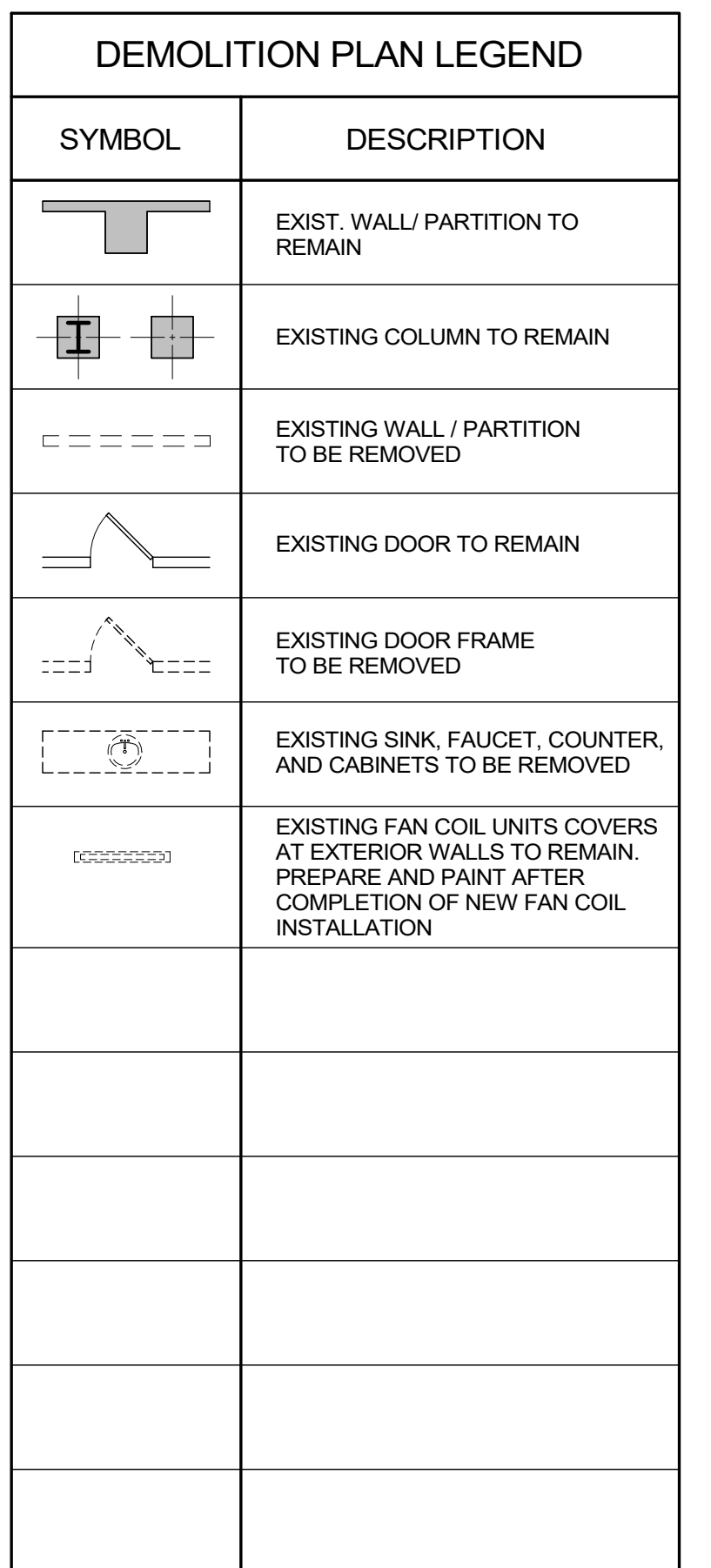
Graff & Lewent
Architects LLP

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 19-514		
DIVISION OF ENGINEERING		SHEET NUMBER DM-003		
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SHEET NO. 21 OF 106		
PARTIAL DEMOLITION PLAN - CENTRAL		SCALE: 1/8" = 1'-0" DATE: May 20, 2021 DPW FILE NO. 52-01-T-465		
		Issue Date REV NO 0		

1 DEMO PLAN - 3RD FLOOR CENTRAL WING
1/8" = 1'-0"



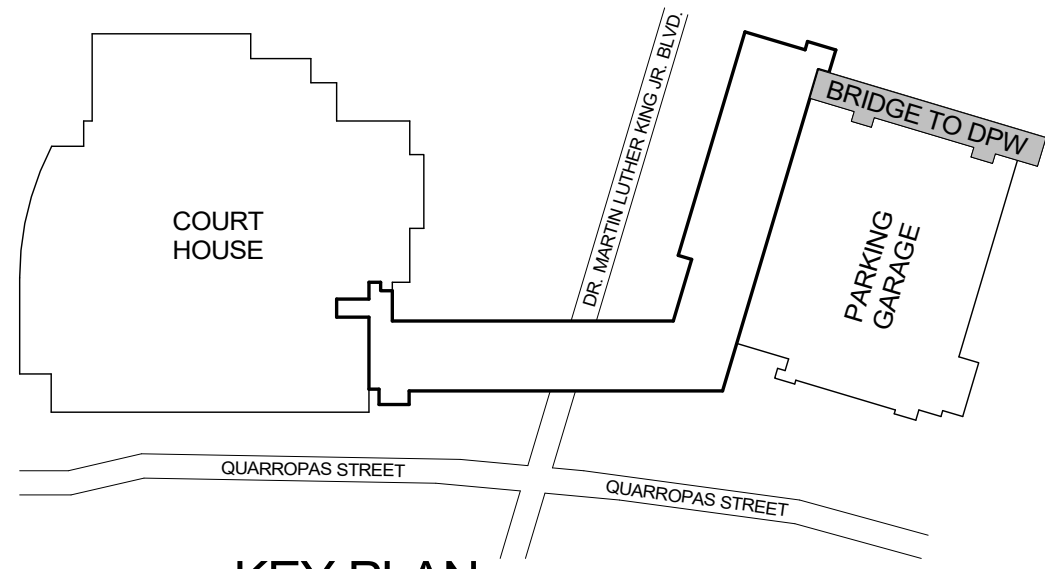


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13. FLOOR REMOVAL TO BE COORDINATED WITH ASBESTOS ABATEMENT PROCEDURES.

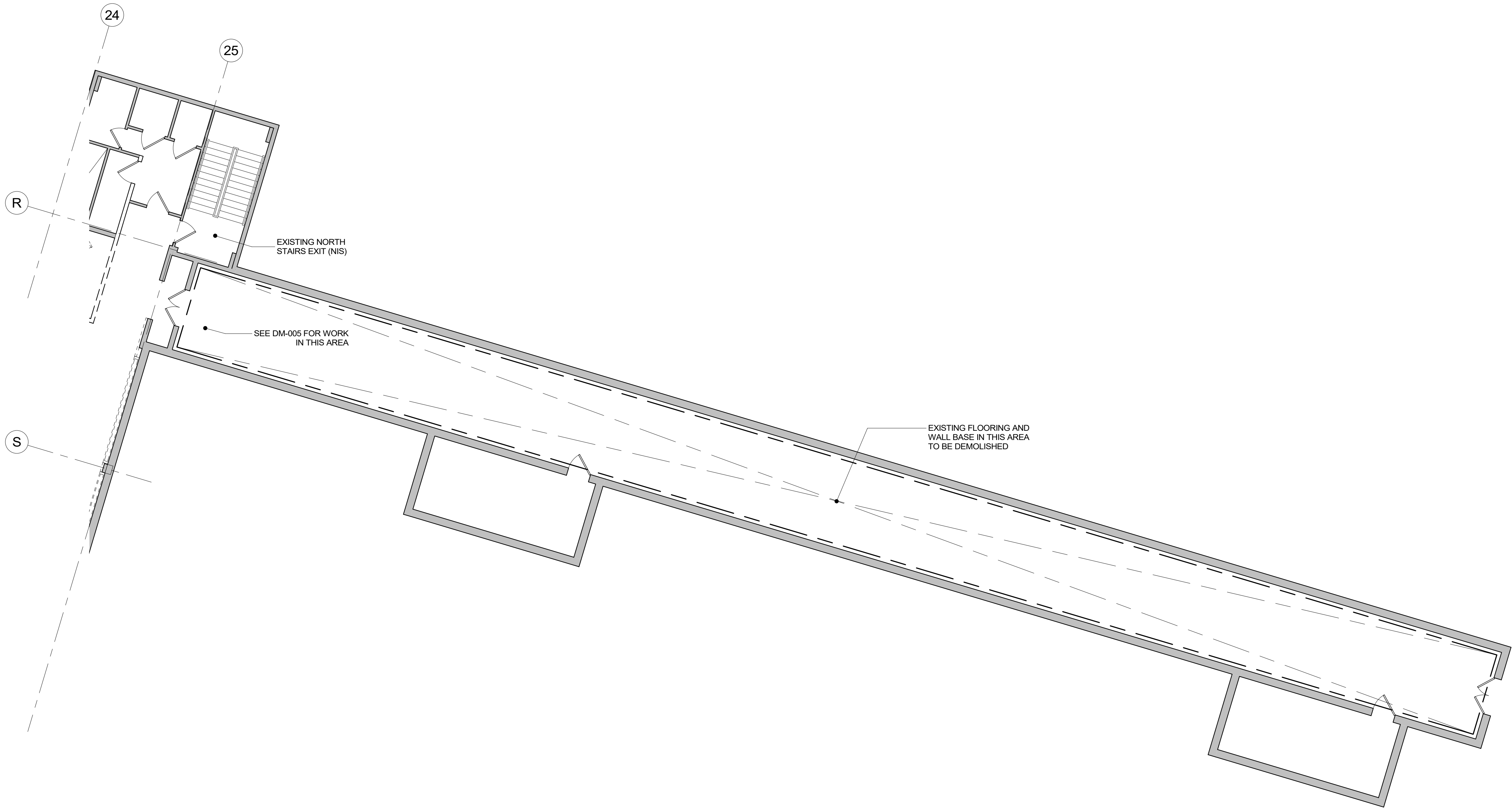


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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION							CONTRACT NUMBER 19-514	SHEET NUMBER DM-004	
DIVISION OF ENGINEERING							SHEET NO. 22	OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK							SCALE: DATE: May 20, 2021	1/8" = 1'-0" Issue Date	
PARTIAL DEMOLITION PLAN - NORTH WING							DWP FILE NO. 52-01-T-466	REV NO. 0	

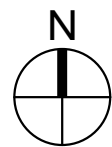
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K KEY PLAN
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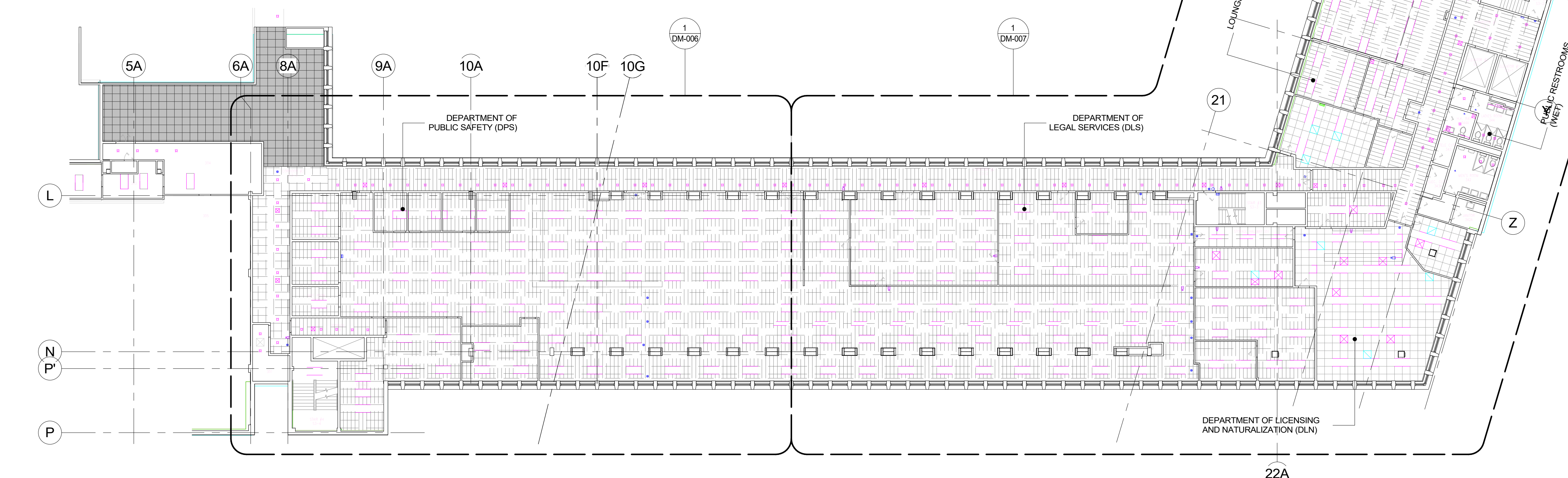
1 DEMO PLAN - 3RD FLOOR BRIDGE TO DPW
1/8" = 1'-0"



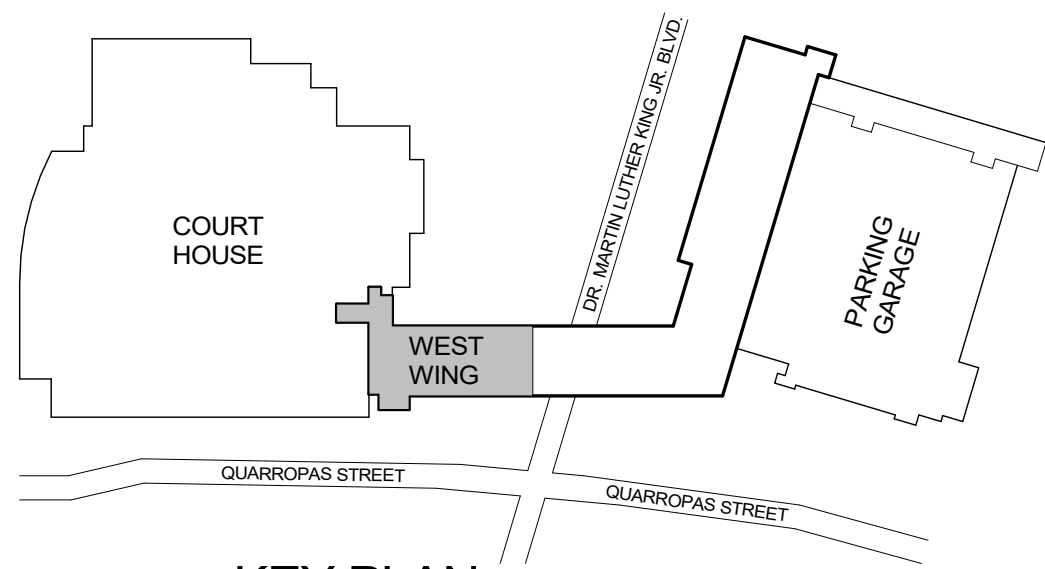
DEMOLITION PLAN LEGEND	
SYMBOL	DESCRIPTION
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	EXISTING COLUMN TO REMAIN
	EXISTING WALL / PARTITION TO BE REMOVED
	EXISTING DOOR TO REMAIN
	EXISTING DOOR FRAME TO BE REMOVED
	EXISTING SINK, FAUCET, COUNTER, AND CABINETS TO BE REMOVED
	EXISTING FAN COIL UNITS COVERS AT EXTERIOR WALLS TO REMAIN. PREPARE AND PAINT AFTER COMPLETION OF NEW FAN COIL INSTALLATION

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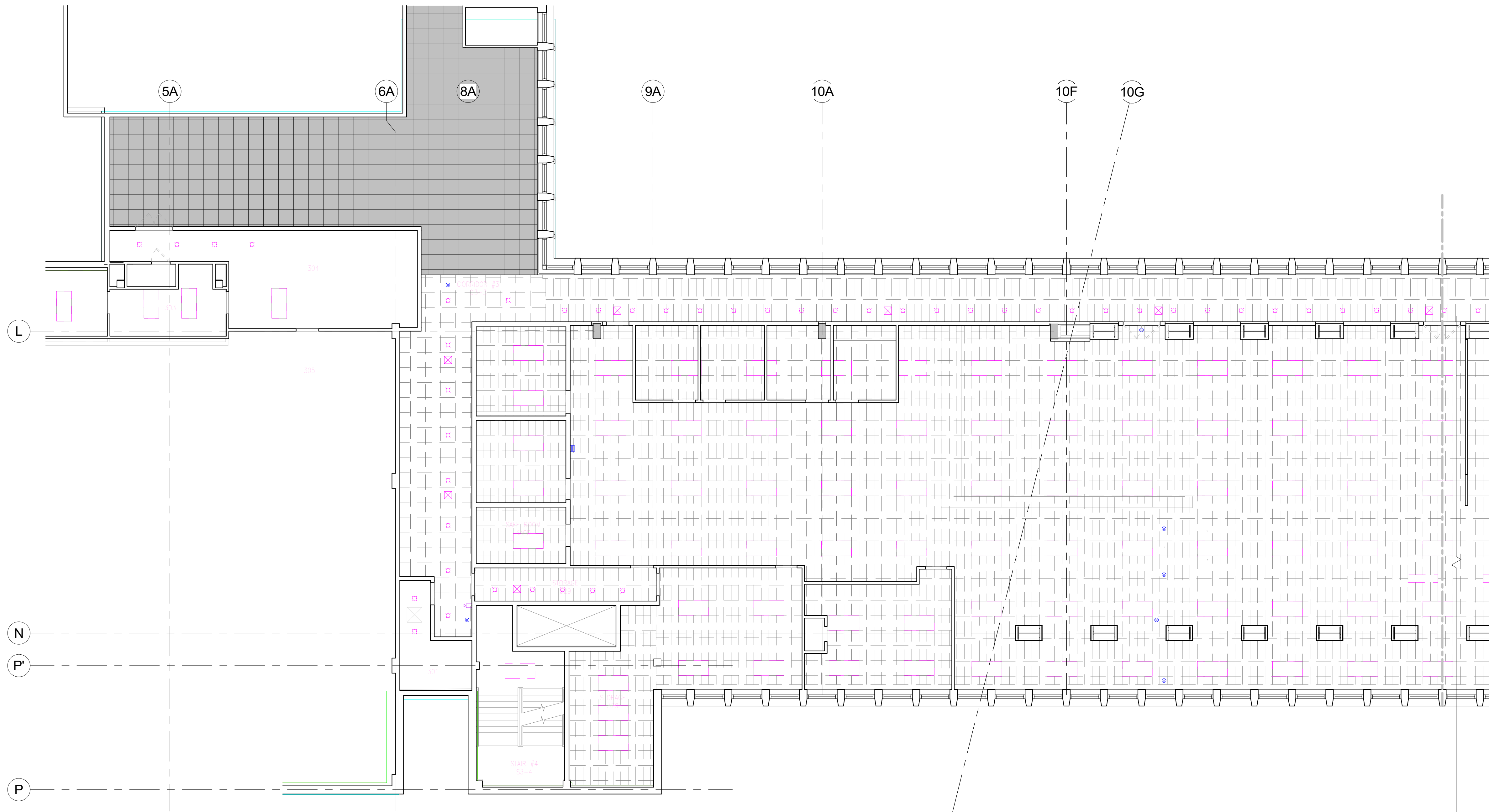
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER DM-005																									
DIVISION OF ENGINEERING		SHEET NO. 23	OF 106																									
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/8" = 1'-0"	DATE: May 20, 2021 Issue Date																									
PARTIAL DEMOLITION PLAN - BRIDGE TO DPW		DPW FILE NO. 52-01-T-467	REV NO. 0																									



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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER DM-006
DIVISION OF ENGINEERING		SHEET NO. 24	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: DATE: May 20, 2021	1/16" = 1'-0" Issue Date
DEMOLITION REFLECTED CEILING PLAN - 3RD FLOOR OVERALL		DWP FILE NO. 52-01-T-468	REV NO 0



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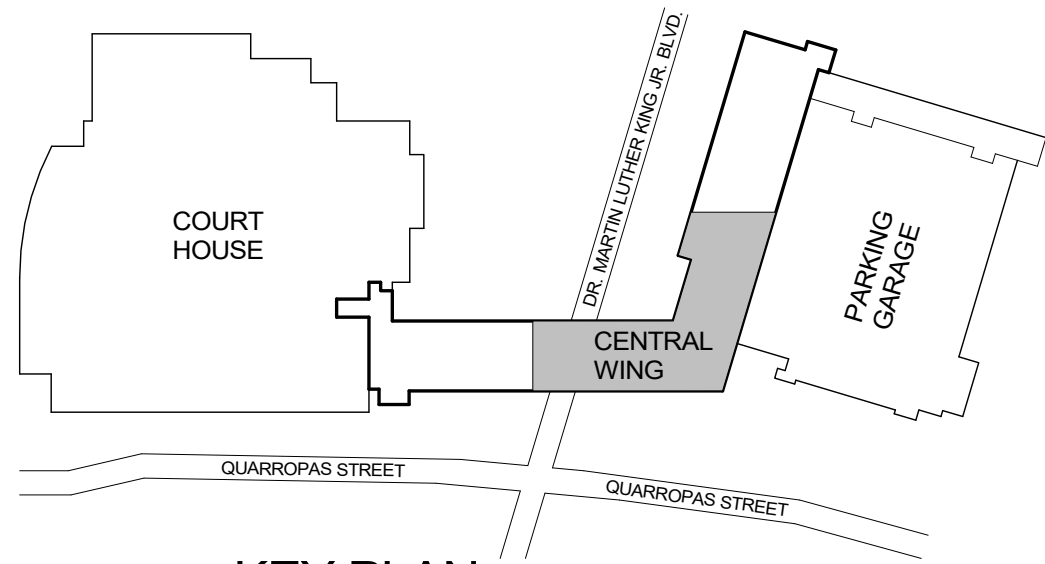


1 DEMOLITION REFLECTED CEILING PLAN - 3RD FLOOR WEST WING
1/8" = 1'-0"

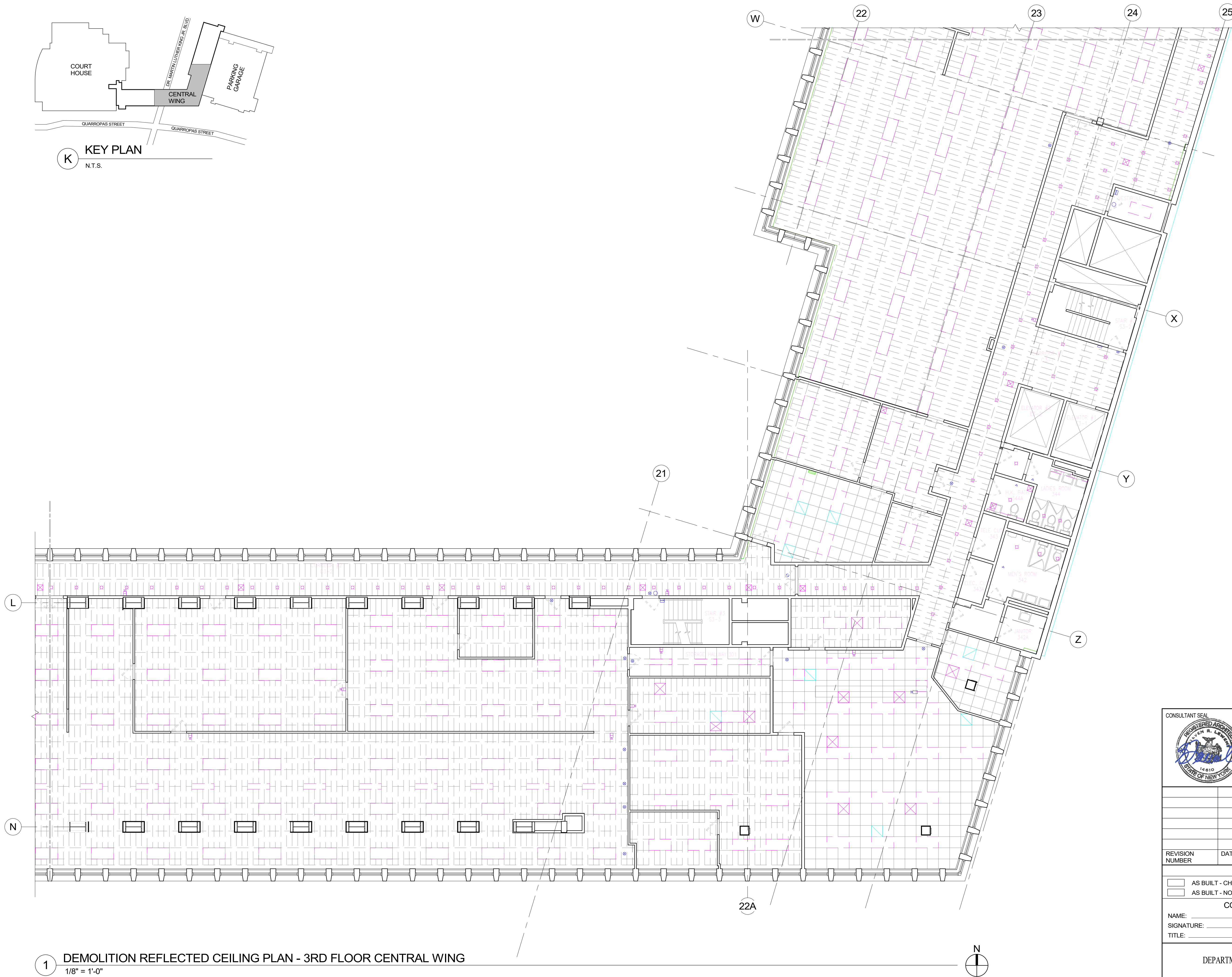


DEMOLITION REFLECTED CEILING PLAN LEGEND	
SYMBOL	DESCRIPTION
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	EXISTING WALL / PARTITION TO BE REMOVED
	EXISTING DOOR TO REMAIN
	EXISTING DOOR FRAME TO BE REMOVED
	EXISTING ACOUSTICAL CEILING TILES, GRIDS AND NECESSARY CONSTRUCTION TO BE REMOVED
	EXISTING LIGHT FIXTURES TO BE REMOVED
	EXISTING SUPPLY GRILL & RETURN REGISTER TO BE REMOVED
	EXISTING CEILING MOUNTED EXIT SIGNS TO BE REMOVED

		CONSULTANT INFORMATION	
Graf & Lewent 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 19-514	SHEET NUMBER DM-007
DIVISION OF ENGINEERING		SHEET NO. 25	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/8" = 1'-0"	DATE: May 20, 2021
PARTIAL DEMOLITION RCP - 3RD FLOOR WEST WING		DPW FILE NO. 52-01-T-469	REV NO. 0



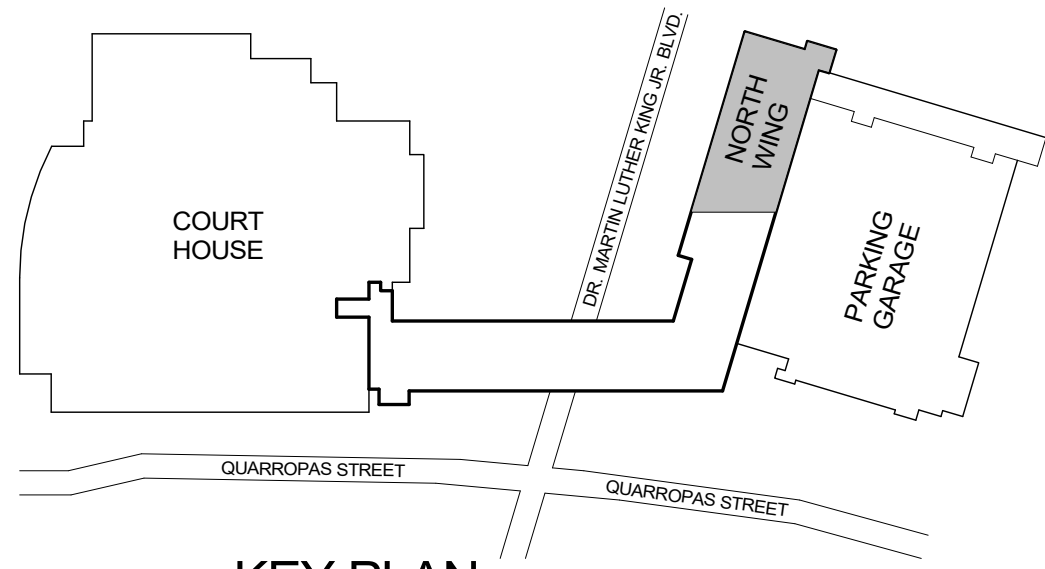
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N.T.S.



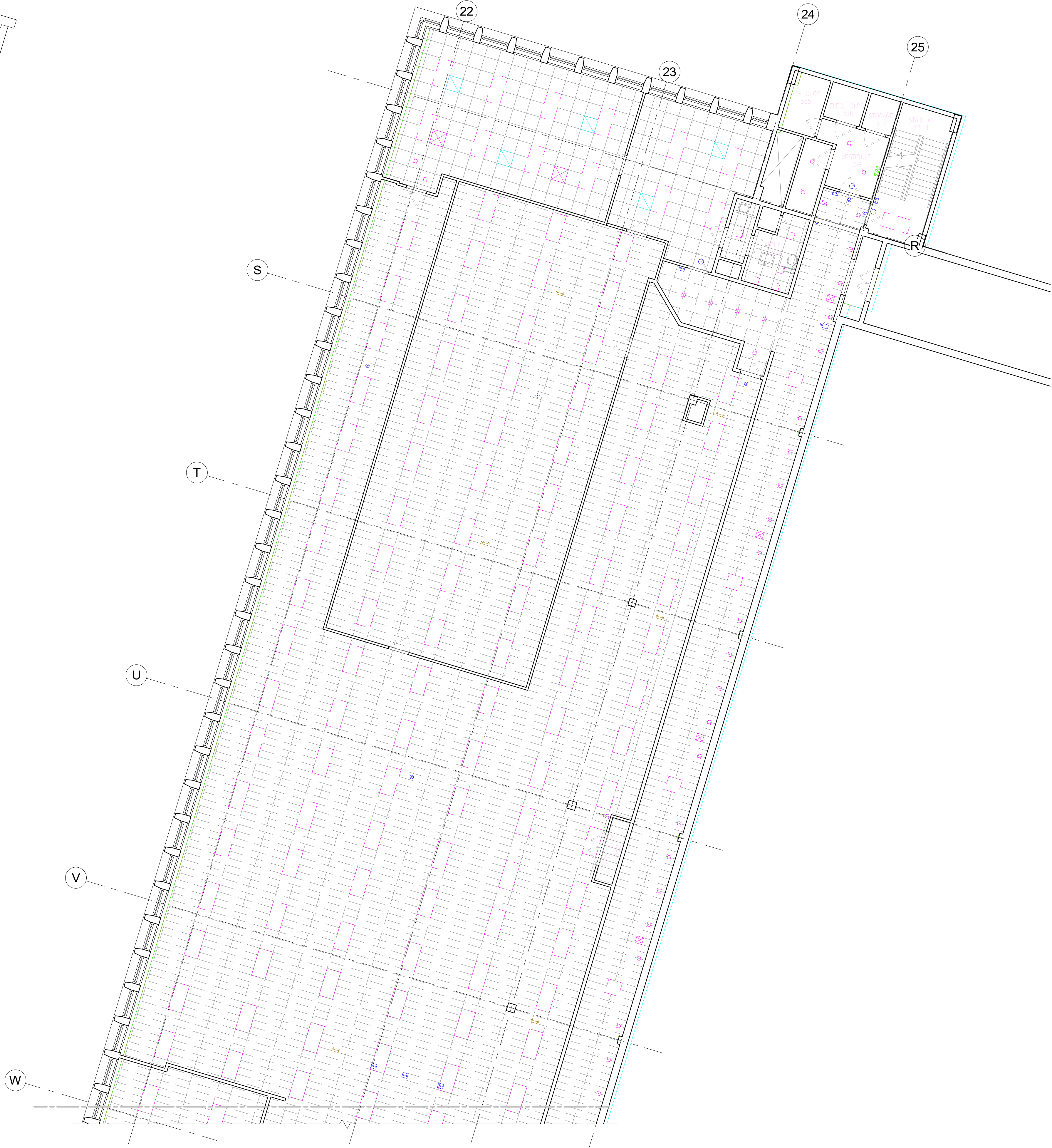
1 DEMOLITION REFLECTED CEILING PLAN - 3RD FLOOR CENTRAL WING
1/8" = 1'-0"

DEMOLITION REFLECTED CEILING PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXIST. WALL / PARTITION TO REMAIN
	EXISTING COLUMN TO REMAIN
	EXISTING WALL / PARTITION TO BE REMOVED
	EXISTING DOOR TO REMAIN
	EXISTING DOOR FRAME TO BE REMOVED
	EXISTING ACOUSTICAL CEILING TILES, GRIDS AND NECESSARY CONSTRUCTION TO BE REMOVED
	EXISTING LIGHT FIXTURES TO BE REMOVED
	EXISTING SUPPLY GRILL & RETURN REGISTER TO BE REMOVED
	EXISTING CEILING MOUNTED EXIT SIGNS TO BE REMOVED

		CONSULTANT INFORMATION	
		Graff & 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			
RECORD DRAWING CERTIFICATION			
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TITLE: _____		TITLE: _____	
DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 26 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: 1/8" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021	
WHITE PLAINS, NEW YORK		Issue Date	
PARTIAL DEMOLITION RCP - 3RD FLOOR CENTRAL WING		DPW FILE NO. 52-01-T-470	
		REV NO. 0	



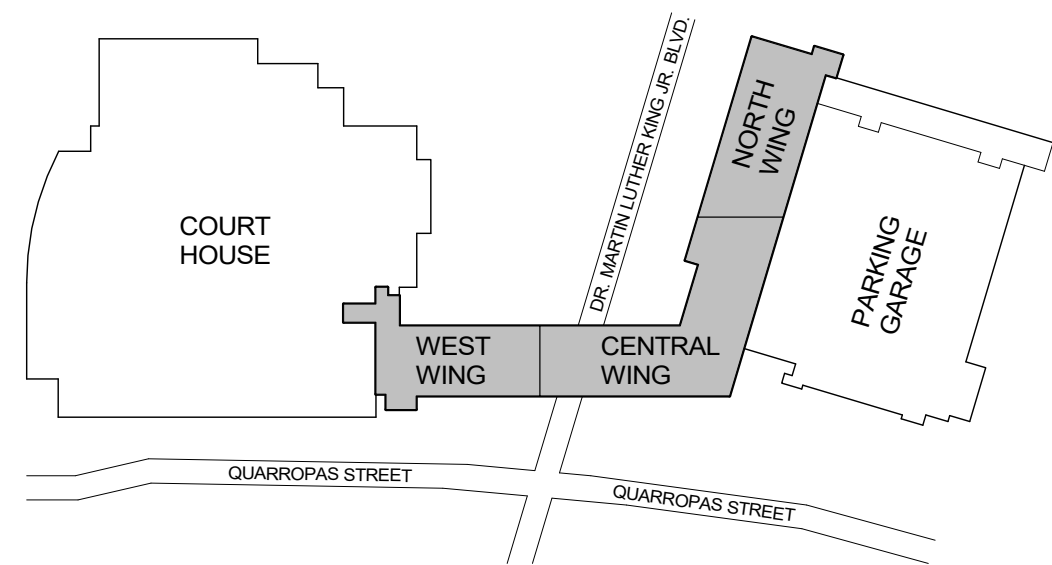
K KEY PLAN
N.T.S.



1 DEMOLITION REFLECTED CEILING PLAN - 3RD FLOOR NORTH WING
1/8" = 1'-0"

DEMOLITION REFLECTED CEILING PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXIST. WALL / PARTITION TO REMAIN
	EXISTING COLUMN TO REMAIN
	EXISTING WALL / PARTITION TO BE REMOVED
	EXISTING DOOR TO REMAIN
	EXISTING DOOR FRAME TO BE REMOVED
	EXISTING ACOUSTICAL CEILING TILES, GRIDS AND NECESSARY CONSTRUCTION TO BE REMOVED
	EXISTING LIGHT FIXTURES TO BE REMOVED
	EXISTING SUPPLY GRILL & RETURN REGISTER TO BE REMOVED
	EXISTING CEILING MOUNTED EXIT SIGNS TO BE REMOVED

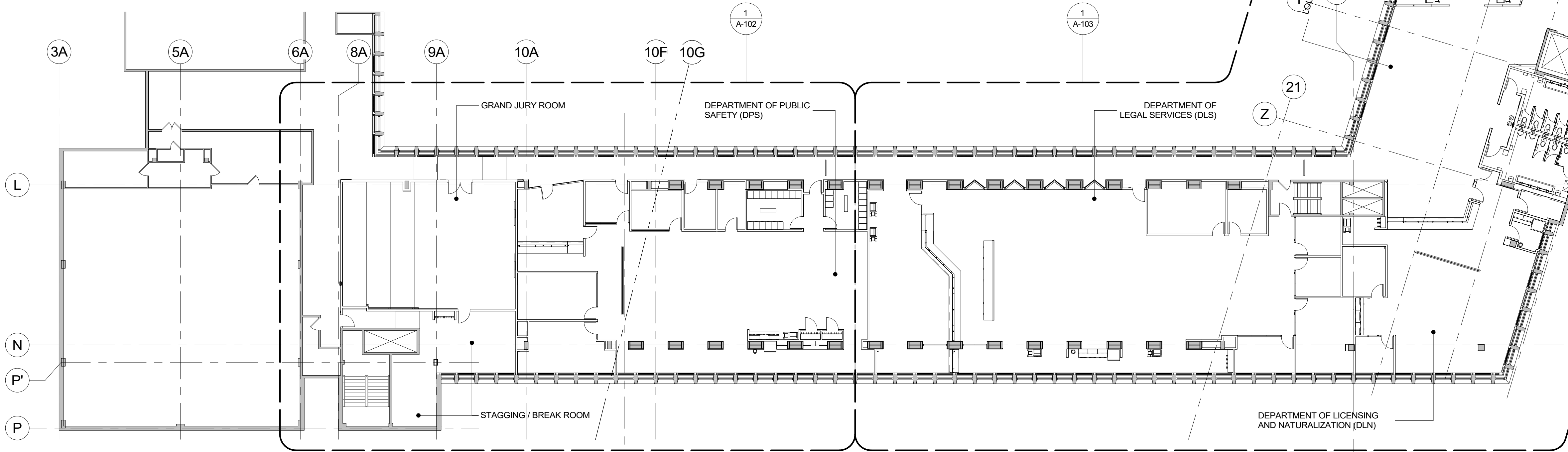
		CONSULTANT INFORMATION	
		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APP'D BY
REVISION			
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NAME:		NAME:	
SIGNATURE:		SIGNATURE:	
TITLE:		TITLE:	
DATE:		DATE:	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 27 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: 1/8" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021 Issue Date	
WHITE PLAINS, NEW YORK		DPW FILE NO. REV NO. 0	
PARTIAL DEMOLITION RCP - 3RD FLOOR NORTH WING		52-01-T-471	



K KEY PLAN
N.T.S.

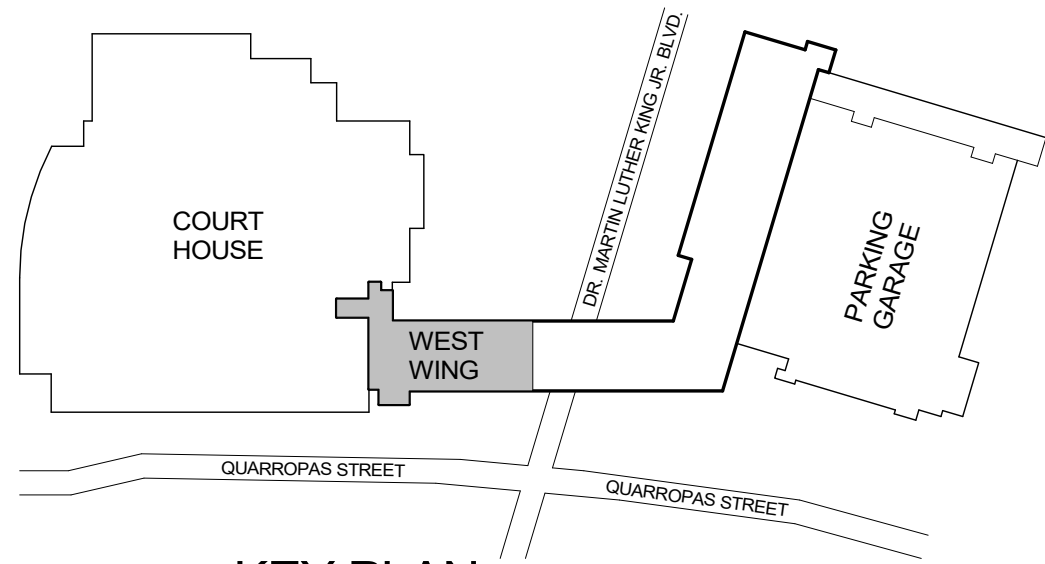
ABBREVIATIONS LIST OF DEPARTMENTS AND GENERAL AREAS :

DEPARTMENT OF PUBLIC SAFETY (DPS)
DEPARTMENT OF TRANSPORTATION (DOT)
DEPARTMENT OF LEGAL SERVICES (DLS)
DEPARTMENT OF LICENSING AND NATURALIZATION (DLN)
DEPARTMENT OF LAND RECORDS (DLR)
PROCESSING UNIT (PU)
DEPARTMENT OF FINANCES (DOF)
WESTCHESTER COUNTY CLERK OFFICES (WCC)
I.T. ROOMS (IT)
LOUNGE AND ELEVATOR LOBBY (LOU)
LUNCH/BREAK, RESTROOMS, AND JANITOR (WET)
HALLWAYS AND CORRIDORS (HLL)



1 CONSTRUCTION PLAN - 3RD FLOOR OVERALL
1/16" = 1'-0"

		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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SIGNATURE: _____		SIGNATURE: _____	
TITLE: _____		TITLE: _____	
DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 28 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: 1/16" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021	
WHITE PLAINS, NEW YORK		Issue Date	
CONSTRUCTION PLAN - 3RD FLOOR OVERALL		DPW FILE NO.	
		52-01-A-472	
		REV NO 0	



K KEY PLAN
N.T.S.

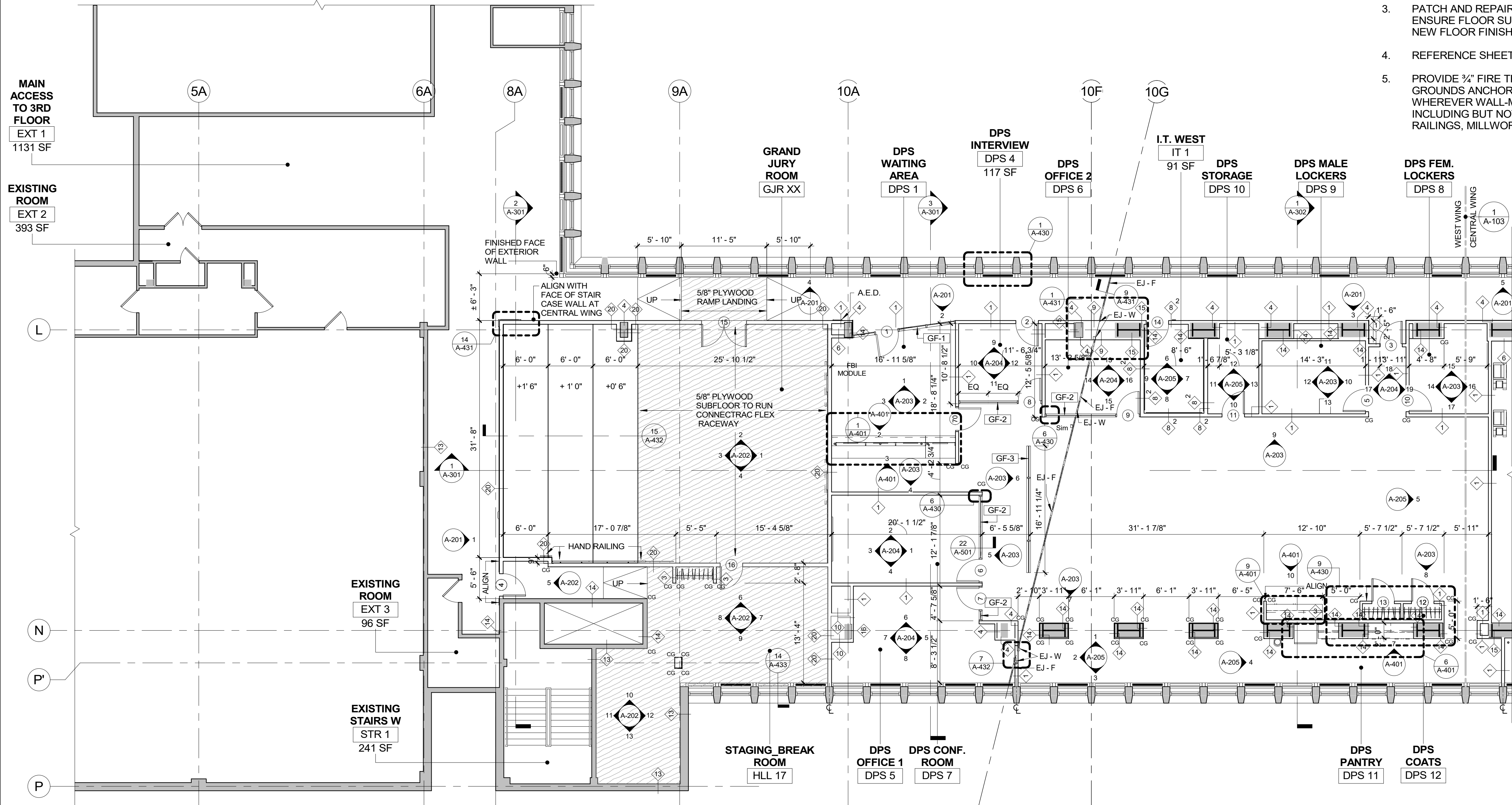
ABBREVIATIONS LIST OF DEPARTMENTS AND GENERAL AREAS :

DEPARTMENT OF PUBLIC SAFETY (DPS)
DEPARTMENT OF TRANSPORTATION (DOT)
DEPARTMENT OF LEGAL SERVICES (DLS)
DEPARTMENT OF LICENSING AND NATURALIZATION (DLN)
DEPARTMENT OF LAND RECORDS (DLR)
PROCESSING UNIT (PU)
DEPARTMENT OF FINANCES (DOF)
WESTCHESTER COUNTY CLERK OFFICES (WCC)
I.T. ROOMS (IT)
LOUNGE AND ELEVATOR LOBBY (LOU)
LUNCH/BREAK, RESTROOMS, AND JANITOR (WET)
HALLWAYS AND CORRIDORS (HLL)

GENERAL NOTES:

- ALL PARTITION/WALLS/COLUMNS 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.
- 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 AND REPAIR EXISTING FLOORS AS REQUIRED TO ENSURE FLOOR SUBSTRATE IS LEVEL AND ABLE TO ACCEPT NEW FLOOR FINISH.
- REFERENCE SHEET A-501 FOR WALL TYPES.
- PROVIDE 3/4" FIRE TREATED PLYWOOD OR 20 GAUGE METAL GROUNDINGS ANCHORED TO STUDS WITHIN PARTITIONS WHEREVER WALL-MOUNTED WORK IS SHOWN OR REQUIRED, INCLUDING BUT NOT LIMITED TO BRACKETS, MONITORS, RAILINGS, MILLWORK, DIRECTORIES, EQUIPMENT, ETC. "

CONSTRUCTION PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXISTING COLUMNS TO REMAIN (WITH OR WITHOUT STEEL PROFILE)
	EXISTING PARTITIONS/WALLS TO REMAIN
	EXISTING DOOR FRAME TO REMAIN RECEIVE PAINT FINISH WHEN FACING AREA OF WORK
	DOOR & FRAME DOOR TYPE INDICATION SEE DOOR SCHEDULE ON SHEET A-503
	PARTITION INDICATES FIRE RATING PARTITION TYPE: SEE DETAILS ON A-501
	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
	ARCHITECTURAL MILLWORK
	LINE OF UNDER CABINET LIGHT FIXTURE
	LINE OF ADJ. SHELVES / CABINET ABOVE GROMMET, TYP.
	A.E.D. UNIT (AUTOMATED EXTERNAL DEFIBRILLATOR)
	WALL MOUNTED IN CABINET FE01 FIRE EXTINGUISHER
	ELECTRICAL CIRCUIT BREAKER PANEL - SEE E-XXX.00 AND E-XXX.00
	GF-1 GLASS FRONT - STORE FRONT SYSTEM
	GF-2 GLASS FRONT - OFFICE FRONT GLASS PARTITION
	GF-3 GLASS FRONT - GLASS PARTITION NO MULLION
	EJ - F FLOOR EXPANSION JOINT
	EJ - W WALL EXPANSION JOINT
	NETWORK COPIER
	REFRIGERATOR
	BOTTLE WATER COOLER
	CLOTHES WALL HANGER
	ROLL-UP SECURITY GRILLE (R.U.S.G.)
	ELECTRONIC BASEBOARD

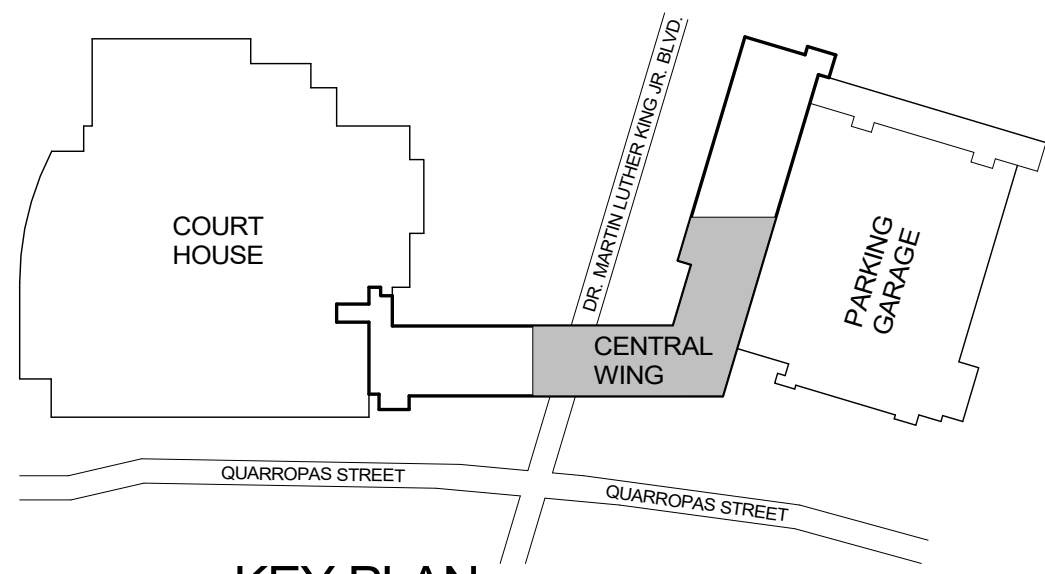


1 CONSTRUCTION PLAN - 3RD FLOOR WEST WING
1/8" = 1'-0"



CONSULTANT SEAL 		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			
RECORD DRAWING CERTIFICATION			
CONTRACTOR NAME: SIGNATURE: TITLE:		CONTRACTOR NAME: SIGNATURE: TITLE:	
DATE:		DATE:	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER A-102
DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SHEET NO. 29 OF 106	SCALE: 1/8" = 1'-0" DATE: May 20, 2021 DPW FILE NO. 52-01-A-473
CONSTRUCTION PLAN - 3RD FLOOR WEST WING		REV NO. 0	Issue Date

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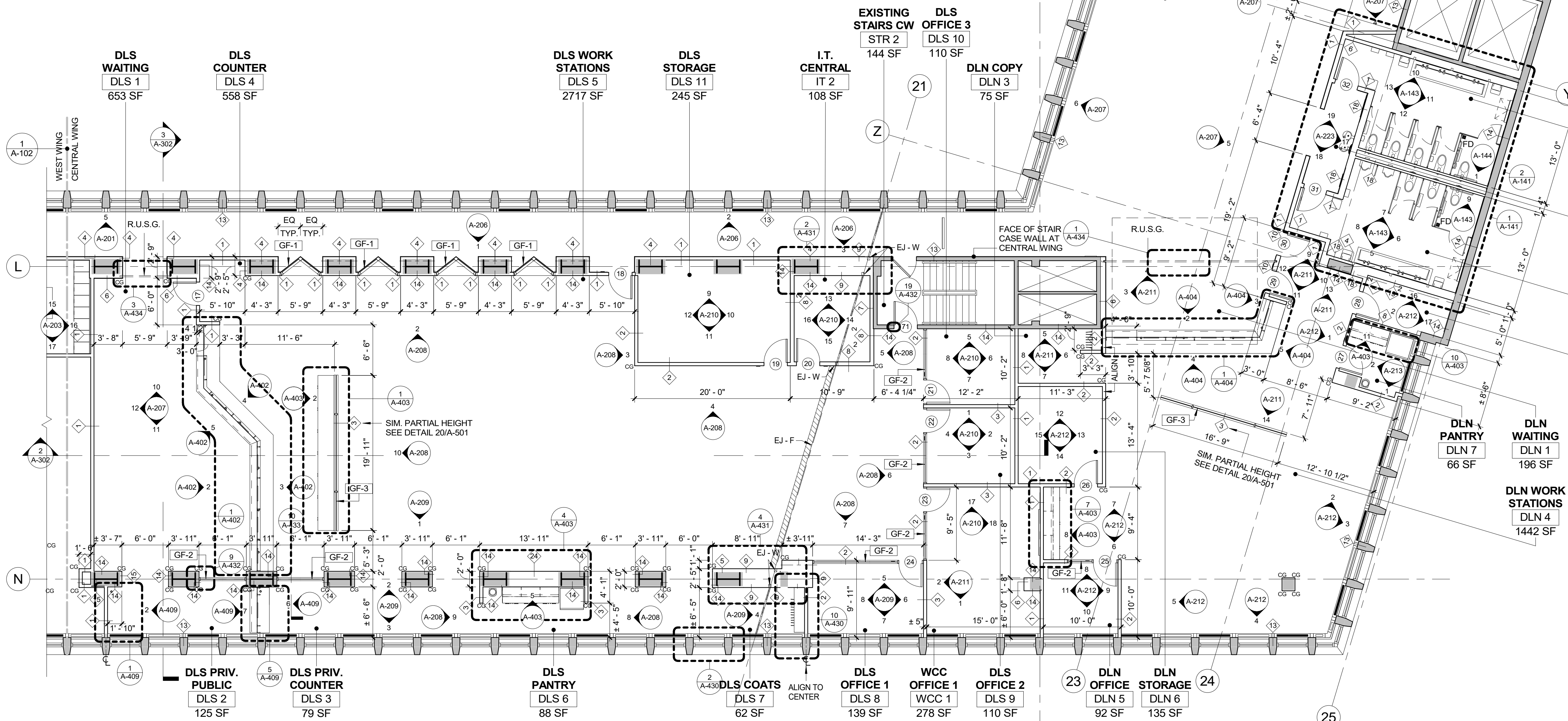
KEY PLAN
N.T.S.

ABBREVIATIONS LIST OF DEPARTMENTS AND GENERAL AREAS :

DEPARTMENT OF PUBLIC SAFETY (DPS)
DEPARTMENT OF TRANSPORTATION (DOT)
DEPARTMENT OF LEGAL SERVICES (DLS)
DEPARTMENT OF LICENSING AND NATURALIZATION (DLN)
DEPARTMENT OF LAND RECORDS (DLR)
PROCESSING UNIT (PU)
DEPARTMENT OF FINANCES (DOF)
WESTCHESTER COUNTY CLERK OFFICES (WCC)
I.T. ROOMS (IT)
LOUNGE AND ELEVATOR LOBBY (LOU)
LUNCH/BREAK, RESTROOMS, AND JANITOR (WET)
HALLWAYS AND CORRIDORS (HLL)

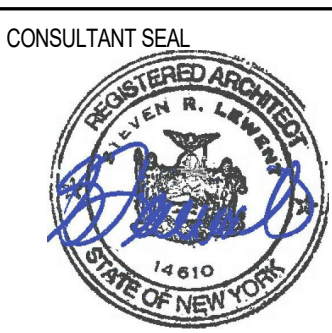
GENERAL NOTES:

- ALL PARTITION/WALLS/COLUMNS 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.
- 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 AND REPAIR EXISTING FLOORS AS REQUIRED TO ENSURE FLOOR SUBSTRATE IS LEVEL AND ABLE TO ACCEPT NEW FLOOR FINISH.
- REFERENCE SHEET A-501 FOR WALL TYPES



1 CONSTRUCTION PLAN - 3RD FLOOR CENTRAL 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 FRAME TO REMAIN RECEIVE PAINT FINISH WHEN FACING AREA OF WORK
	DOOR & FRAME
	DOOR TYPE INDICATION SEE DOOR SCHEDULE ON SHEET A-503
	PARTITION INDICATES FIRE RATING PARTITION TYPE: SEE DETAILS ON A-501
	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
	ARCHITECTURAL MILLWORK
	LINE OF UNDER CABINET LIGHT FIXTURE
	LINE OF ADJ. SHELVES / CABINET ABOVE GROMMET, TYP.
	A.E.D. UNIT (AUTOMATED EXTERNAL DEFIBRILLATOR)
	WALL MOUNTED IN CABINET FE01 FIRE EXTINGUISHER
	ELECTRICAL CIRCUIT BREAKER PANEL - SEE E-XXX.00 AND E-XXX.00
	GF-1 GLASS FRONT - STORE FRONT SYSTEM
	GF-2 GLASS FRONT - OFFICE FRONT GLASS PARTITION
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	EJ - F FLOOR EXPANSION JOINT
	EJ - W WALL EXPANSION JOINT
	NETWORK COPIER
	REFRIGERATOR
	BOTTLE WATER COOLER
	CLOTHES WALL HANGER
	ROLL-UP SECURITY GRILLE (R.U.S.G.)
	ELECTRONIC BASEBOARD



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

RECORD DRAWING CERTIFICATION

☐ AS BUILT - CHANGES AS NOTED
☐ AS BUILT - NO CHANGES

CONTRACTOR

NAME: _____
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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
110 DR. MARTIN LUTHER KING, JR. BOULEVARD
WHITE PLAINS, NEW YORK

CONSTRUCTION PLAN - 3RD FLOOR CENTRAL WING

CONTRACT NUMBER

19-514

SHEET NO. 30 OF 106

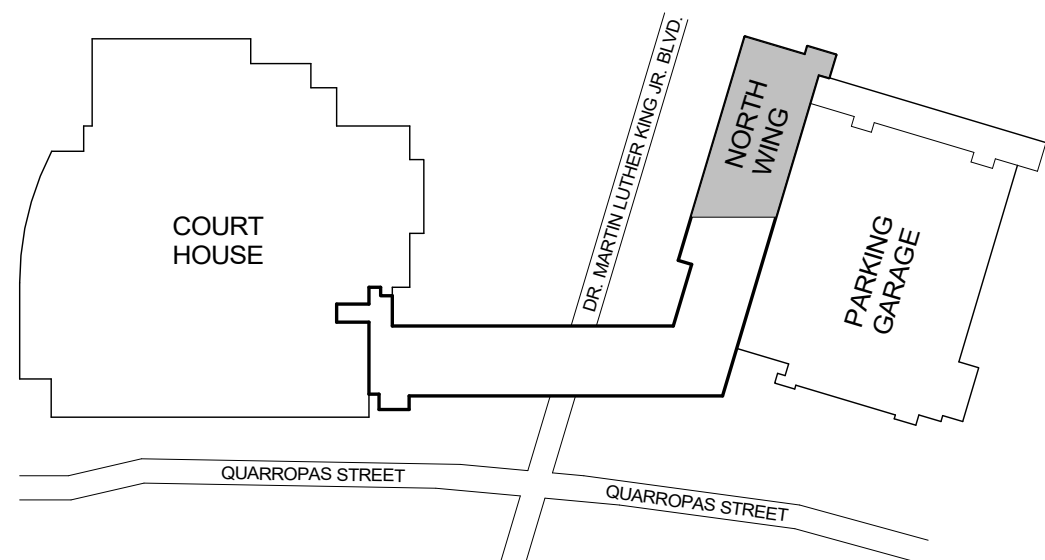
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DATE: May 20, 2021 Issue Date

DPW FILE NO. REV NO. 0

52-01-A-474

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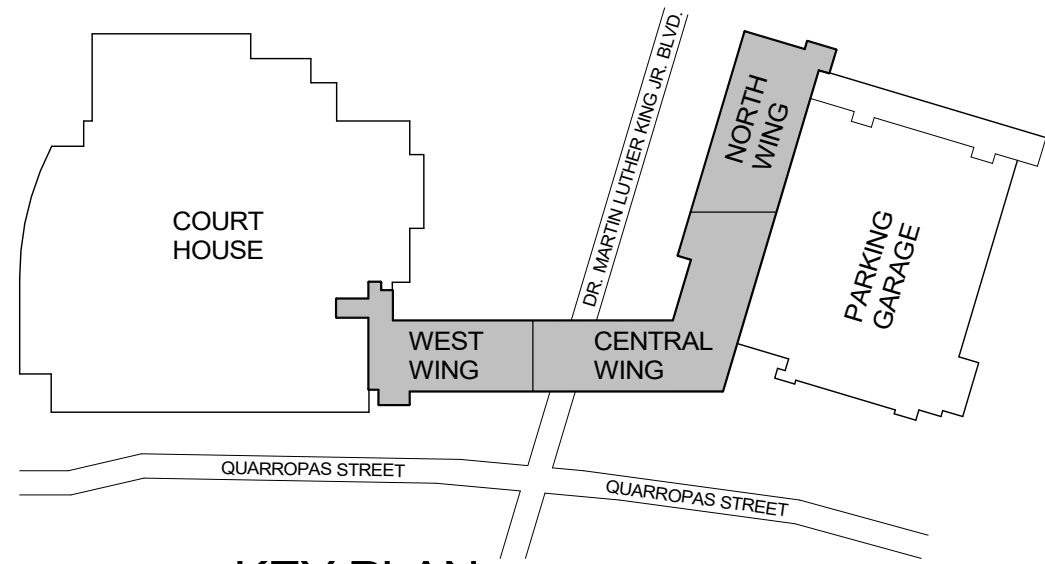


KEY PLAN
N.T.S.

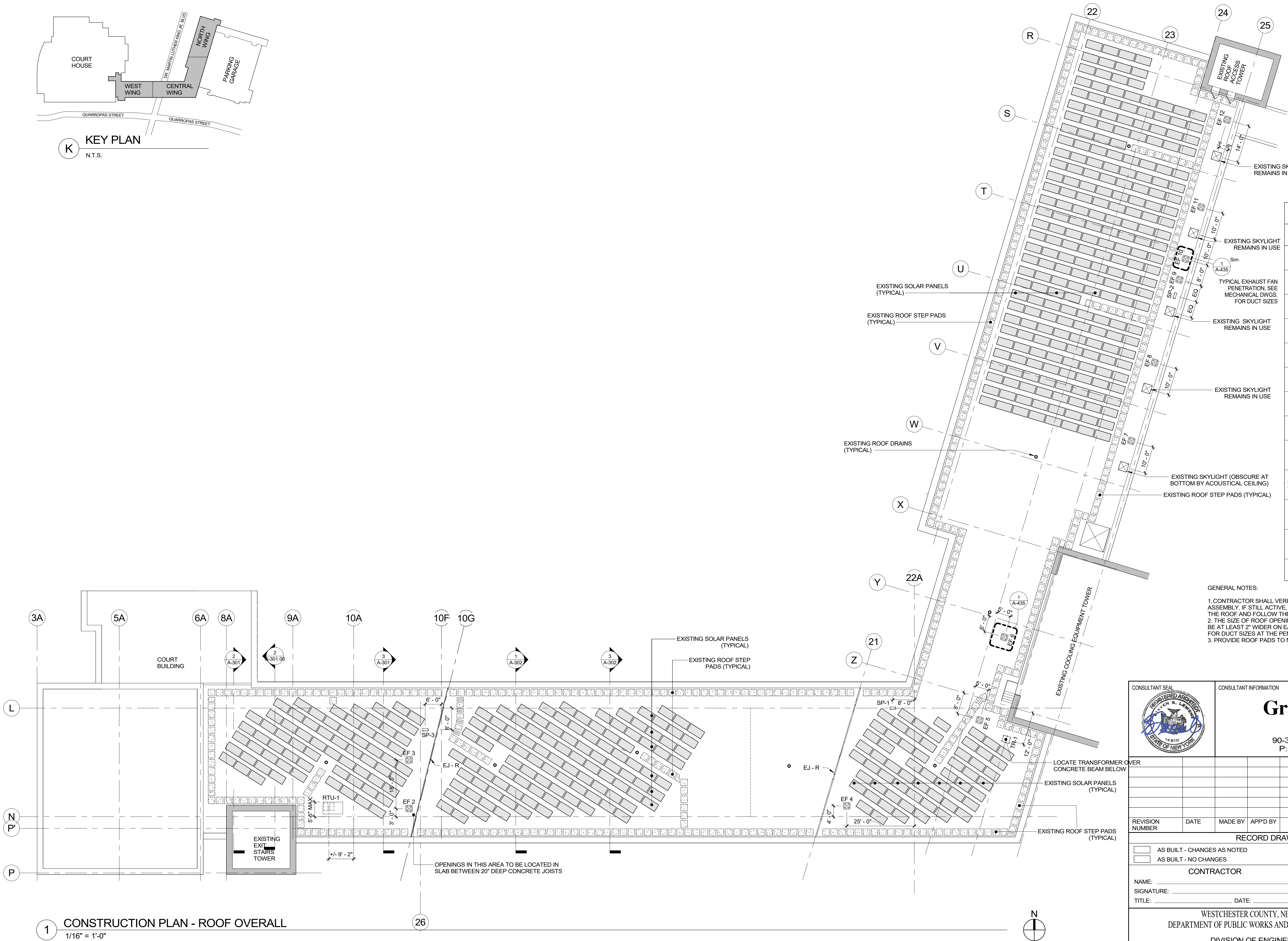
ABBREVIATIONS LIST OF DEPARTMENTS AND GENERAL AREAS :

DEPARTMENT OF PUBLIC SAFETY (DPS)
DEPARTMENT OF TRANSPORTATION (DOT)
DEPARTMENT OF LEGAL SERVICES (DLS)
DEPARTMENT OF LICENSING AND NATURALIZATION (DLN)
DEPARTMENT OF LAND RECORDS (DLR)
PROCESSING UNIT (PU)
DEPARTMENT OF FINANCES (DOF)
WESTCHESTER COUNTY CLERK OFFICES (WCC)
I.T. ROOMS (IT)
LOUNGE AND ELEVATOR LOBBY (LOU)
LUNCH/BREAK, RESTROOMS, AND JANITOR (WET)
HALLWAYS AND CORRIDORS (HLL)





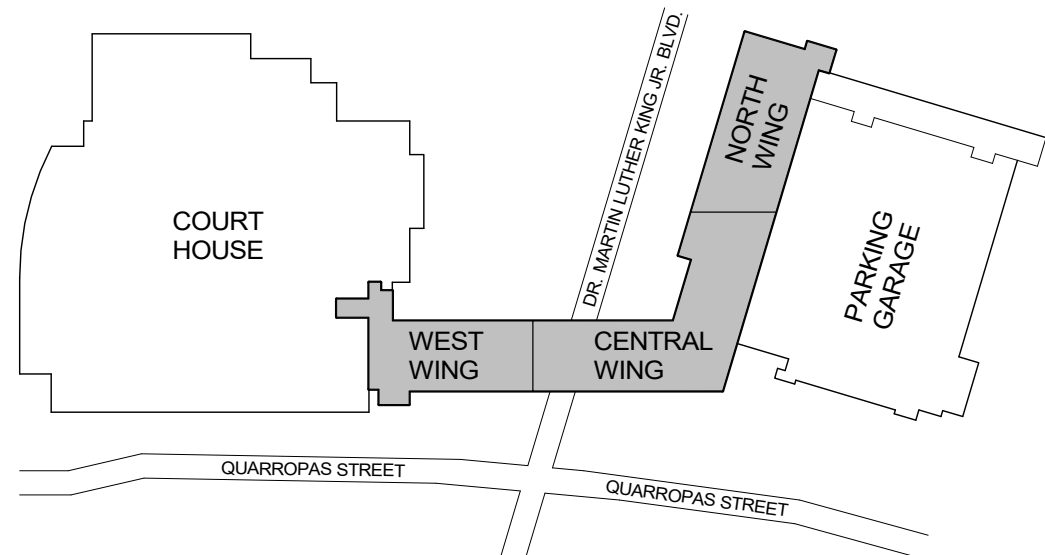
K KEY PLAN
N.T.S.



ROOF PLAN LEGEND	
SYMBOL	DESCRIPTION
	EXISTING COLUMNS TO REMAIN (WITH OR WITHOUT STEEL PROFILE)
	EXISTING PARTITIONS/WALLS TO REMAIN
	EXISTING DOOR FRAME TO REMAIN (RECEIVE PAINT FINISH WHEN FACING AREA OF WORK)
	EXISTING SOLAR PANELS
	EXISTING ROOF PADS
	EXHAUST FAN REFERENCE MECHANICAL
	SPLIT SYSTEM ROOFTOP UNIT REFERENCE MECHANICAL
	TRANSFORMER ROOFTOP UNIT REFERENCE ELECTRICAL
	DETAIL SECTION TAG
	DETAIL / SECTION NUMBER
	PLAN DETAIL TAG
	DETAIL NUMBER
	INTERIOR ELEVATION TAG
	INTERIOR ELEVATION NUMBER
	BUILDING SECTION TAG
	SECTION NUMBER
	EXISTING ROOF EXPANSION JOINT

GENERAL NOTES:
1. CONTRACTOR SHALL VERIFY THE STATUS OF THE GUARANTY OF THE EXISTING ROOF ASSEMBLY. IF STILL ACTIVE, IT MUST OBTAIN MANUFACTURER'S APPROVAL TO PENETRATE THE ROOF AND FOLLOW THEIR INDICATIONS TO PERFORM WORK.
2. THE SIZE OF ROOF OPENINGS THAT ALLOW FOR EXHAUST DUCTS PENETRATIONS MUST BE AT LEAST 2" WIDER ON EACH SIDE OF THE DUCT. REFER TO MECHANICAL DRAWINGS FOR DUCT SIZES AT THE PENETRATIONS.
3. PROVIDE ROOF PADS TO NEW ROOFTOP EQUIPMENT

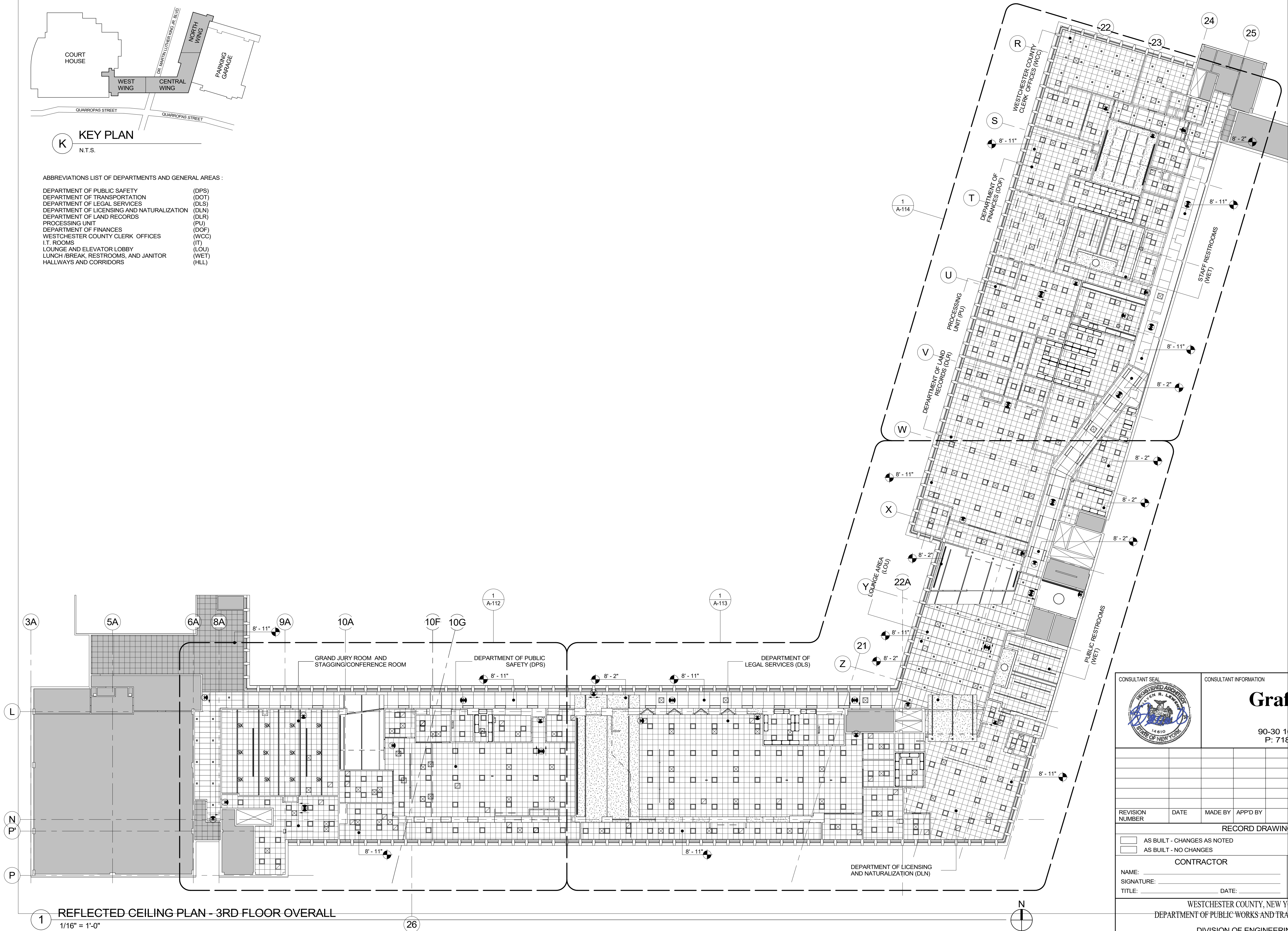
		CONSULTANT INFORMATION	
		Graf & Lewent Architects LLP	
90-30 161st Street, Jamaica, NY 11432		P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APP'D BY
RECORD DRAWING CERTIFICATION			
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CONTRACTOR		CONTRACTOR	
NAME:	DATE:	NAME:	DATE:
SIGNATURE:		SIGNATURE:	
TITLE:		TITLE:	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	A-105
DIVISION OF ENGINEERING		SHEET NO. 32	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: 1/16" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021	Issue Date
WHITE PLAINS, NEW YORK		DPW FILE NO.	REV NO.
CONSTRUCTION PLAN - ROOF OVERALL		52-01-A-476	0



K KEY PLAN
N.T.S.

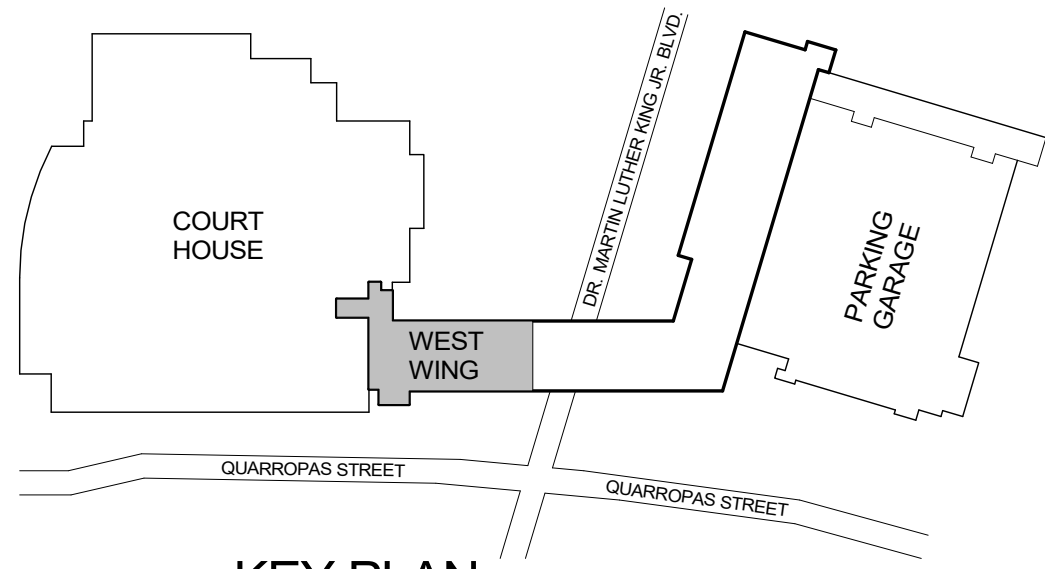
ABBREVIATIONS LIST OF DEPARTMENTS AND GENERAL AREAS :

- | | |
|--|-------|
| DEPARTMENT OF PUBLIC SAFETY | (DPS) |
| DEPARTMENT OF TRANSPORTATION | (DOT) |
| DEPARTMENT OF LEGAL SERVICES | (DLS) |
| DEPARTMENT OF LICENSING AND NATURALIZATION | (DLN) |
| DEPARTMENT OF LAND RECORDS | (DLR) |
| PROCESSING UNIT | (PU) |
| DEPARTMENT OF FINANCES | (DOF) |
| WESTCHESTER COUNTY CLERK OFFICES | (WCC) |
| I.T. ROOMS | (IT) |
| LOUNGE AND ELEVATOR LOBBY | (LOU) |
| LUNCH/BREAK, RESTROOMS, AND JANITOR | (WET) |
| HALLWAYS AND CORRIDORS | (HLL) |



1 REFLECTED CEILING PLAN - 3RD FLOOR OVERALL
1/16" = 1'-0"

		CONSULTANT INFORMATION																										
		Graf & Lewent 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 19-514																										
DIVISION OF ENGINEERING		SHEET NUMBER A-111																										
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SHEET NO. 33 OF 106																										
REFLECTED CEILING PLAN - 3RD FLOOR OVERALL		SCALE: 1/16" = 1'-0" DATE: May 20, 2021 Issue Date DPW FILE NO. 52-01-A-477 REV NO. 0																										



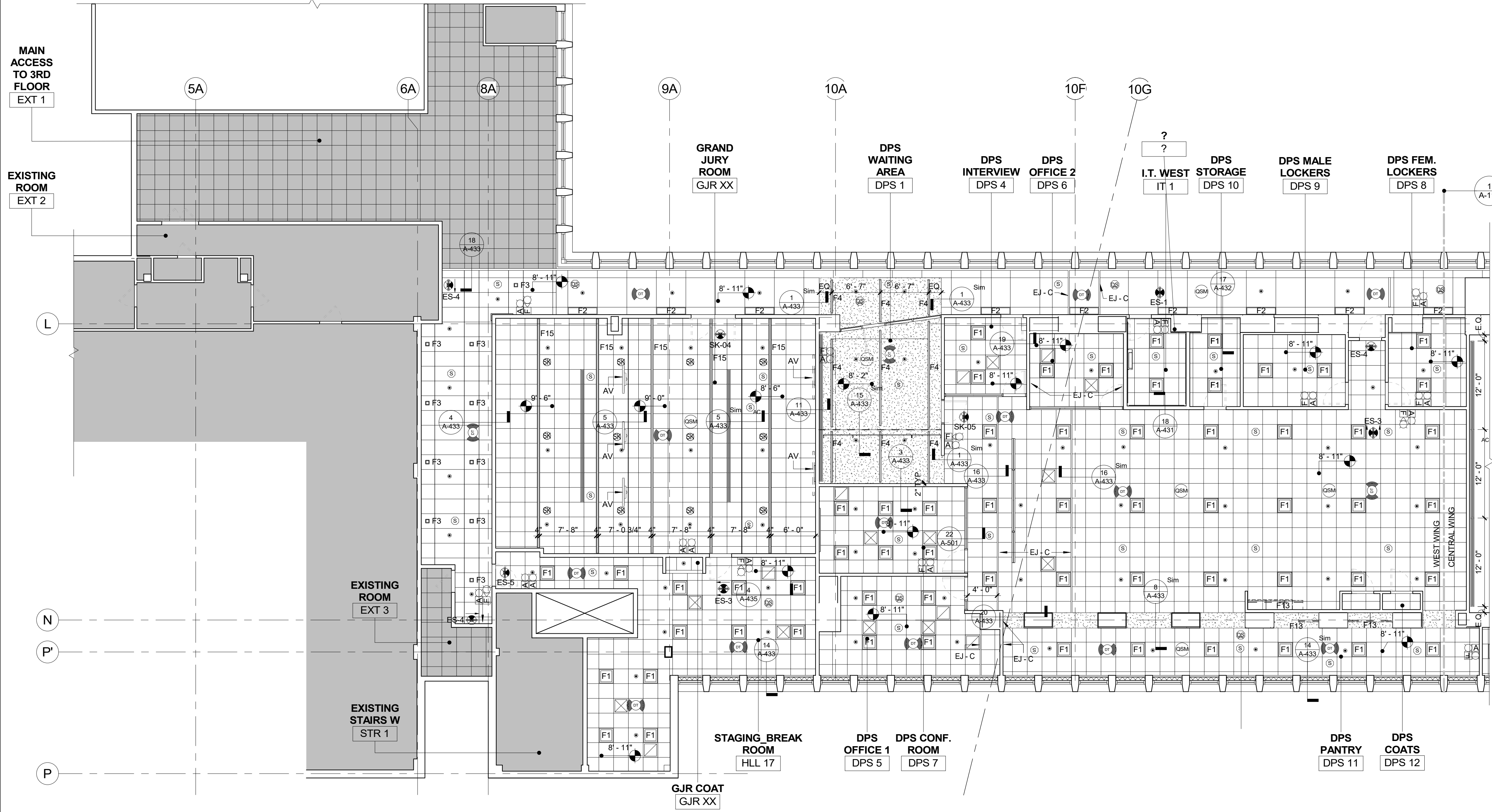
K KEY PLAN
N.T.S.

ABBREVIATIONS LIST OF DEPARTMENTS AND GENERAL AREAS :

DEPARTMENT OF PUBLIC SAFETY (DPS)
DEPARTMENT OF TRANSPORTATION (DOT)
DEPARTMENT OF LEGAL SERVICES (DLS)
DEPARTMENT OF LICENSING AND NATURALIZATION (DLN)
DEPARTMENT OF LAND RECORDS (DLR)
PROCESSING UNIT (PU)
DEPARTMENT OF FINANCES (DOF)
WESTCHESTER COUNTY CLERK OFFICES (WCC)
I.T. ROOMS (IT)
LOUNGE AND ELEVATOR LOBBY (LOU)
LUNCH/BREAK, RESTROOMS, AND JANITOR (WET)
HALLWAYS AND CORRIDORS (HLL)

GENERAL NOTES:

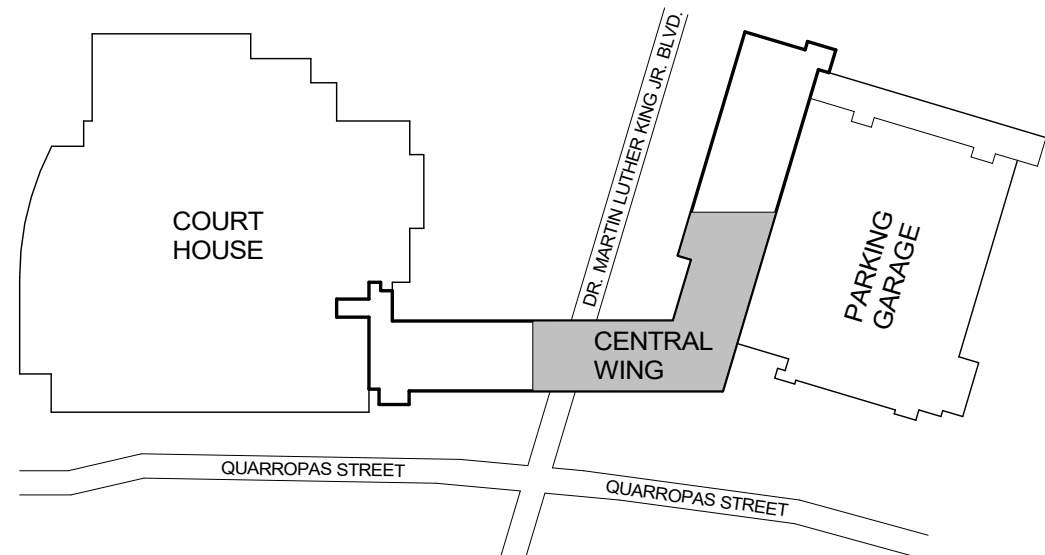
1. ALL DEVICES SUCH AS SMOKE DETECTORS, OCCUPANCY SENSORS, CEILING MOUNTED CAMERA, MIC, SPEAKER, ETC. ARE TO BE LOCATED IN THE CENTER OF THE CEILING TILES
2. ALL SUSPENDED CEILINGS TO BE AT 8'-11" UNLESS OTHERWISE NOTED
3. ALL GYPSUM BOARD CEILING TO BE PAINTED P-1.
4. THE CONTRACTOR IS TO PROVIDE AN 8" WIDE MOCK UP OF THE FULL CONSTRUCTION OF THE PLEXIGLASS SHIELD AT THE SITE BEFORE FINAL PRODUCTION. ADJUSTMENTS MAY BE MADE TO THE DESIGN BASED ON THE MOCK UP.



1 REFLECTED CEILING PLAN - 3RD FLOOR WEST WING
1/8" = 1'-0"

REFLECTIVE CEILING PLAN LEGEND	
SYMBOL	DESCRIPTION
	2'x2' ACOUSTICAL CEILING SYSTEM CEILING TYPE 1
	4'x4' AND 1'x4' PATTERN ACOUSTICAL CEILING SYSTEM CEILING TYPE 2
	2'x4' AND 2'x2' PATTERN ACOUSTICAL CEILING SYSTEM CEILING TYPE 3
	TECH STYLE CEILING SYSTEM CEILING TYPE 4
	GYPSUM BOARD CEILING AND SOFFITS CEILING TYPE 5
	EXISTING 2'x2' ACOUSTICAL CEILING SYSTEM ABUTTING AREA OF WORK
	OTHER EXISTING CEILINGS NOT IN SCOPE
	CEILING DIFFUSER
	CEILING RETURN
	LINEAR CEILING DIFFUSER
	SMOKE DETECTOR
	SMOKE DETECTOR ABOVE CEILING
	OCCUPANCY SENSOR
	VACANCY SENSOR
	ALERT STROBE LIGHT ONLY
	ALERT STROBE LIGHT & SPEAKER
	FIRE ALARM SPEAKER / STROBE
	FIRE ALARM PULL STATION
	EXIT SIGN - WALL MOUNTED, ARROW INDICATES DIRECTION OF TRAVEL
	EXIT SIGN - CEILING MOUNTED, ARROW INDICATES DIRECTION OF TRAVEL
	EXISTING SKYLIGHT ADAPT CEILING TRIM TO EXISTING SKYLIGHT FRAMING
	WIRED DAYLIGHT SAVING
	WIRED QUANTUM SENSOR MODULE
	WIRED 360 DEGREE CEILING MOUNTED OCCUPANCY/VACANCY SENSOR
	SPRINKLER HEAD
	SPEAKER - CEILING MOUNTED
	SHADE - SEE DETAIL X/A-XXX
	EJ - C (CEILING EXPANSION JOINT)
	PLEXIGLASS SHIELD

	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
REVISION	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION		
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CONTRACTOR		CONTRACTOR
NAME:	NAME:	NAME:
SIGNATURE:	SIGNATURE:	SIGNATURE:
TITLE:	TITLE:	TITLE:
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514
DIVISION OF ENGINEERING		SHEET NUMBER A-112
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/8" = 1'-0"
REFLECTED CEILING PLAN - 3RD FLOOR WEST WING		DATE: May 20, 2021 DPW FILE NO. 52-01-A-478



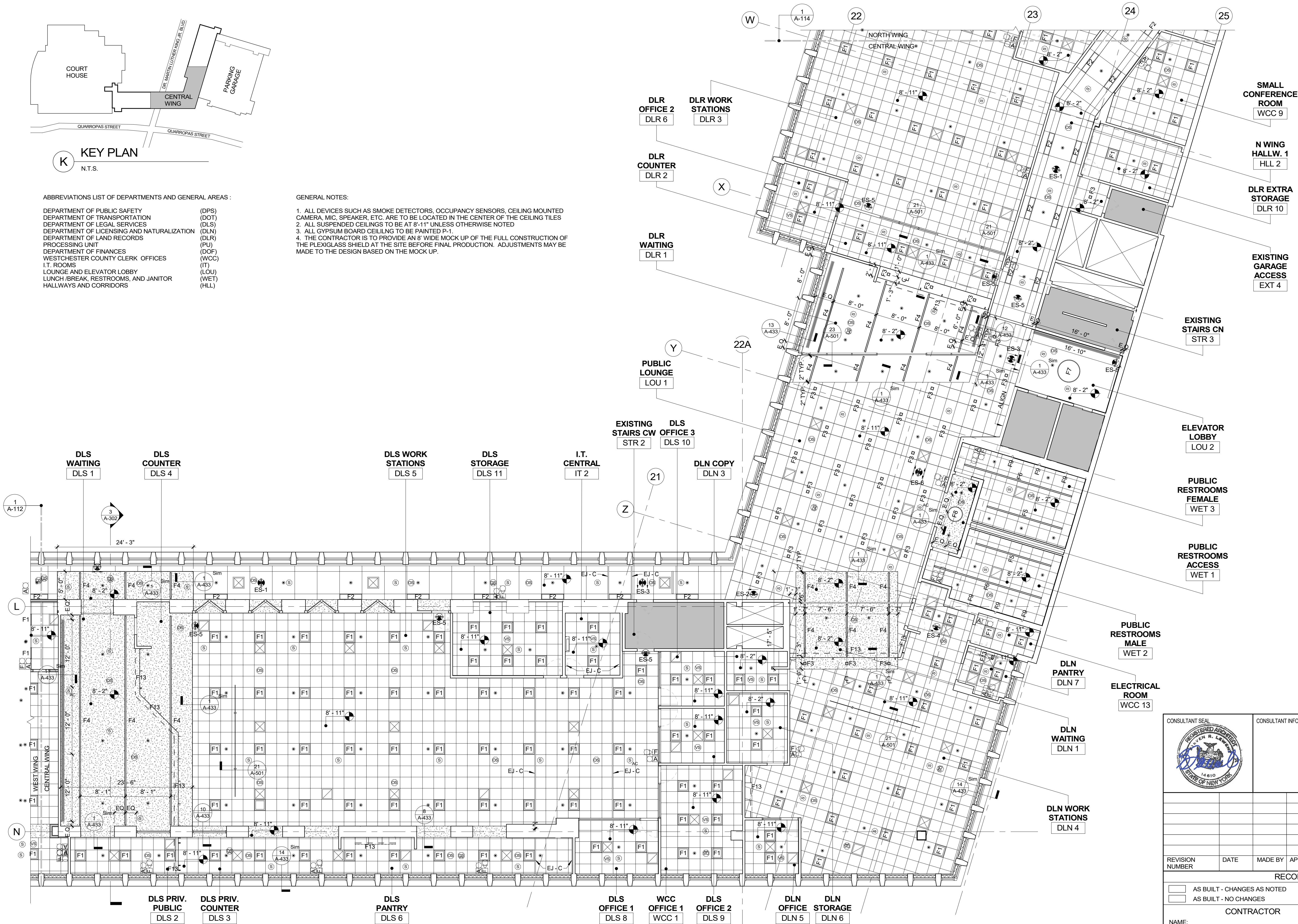
KEY PLAN
N.T.S.

ABBREVIATIONS LIST OF DEPARTMENTS AND GENERAL AREAS :

DEPARTMENT OF PUBLIC SAFETY (DPS)
DEPARTMENT OF TRANSPORTATION (DOT)
DEPARTMENT OF LEGAL SERVICES (DLS)
DEPARTMENT OF LICENSING AND NATURALIZATION (DLN)
DEPARTMENT OF LAND RECORDS (DLR)
PROCESSING UNIT (PU)
DEPARTMENT OF FINANCES (DOF)
WESTCHESTER COUNTY CLERK OFFICES (WCC)
I.T. ROOMS (IT)
LOUNGE AND ELEVATOR LOBBY (LOU)
LUNCH/BREAK, RESTROOMS, AND JANITOR (WET)
HALLWAYS AND CORRIDORS (HLL)

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 AT 8'-11" UNLESS OTHERWISE NOTED
3. ALL GYPSUM BOARD CEILING TO BE PAINTED P-1.
4. THE CONTRACTOR IS TO PROVIDE AN 8' WIDE MOCK UP OF THE FULL CONSTRUCTION OF THE PLEXIGLASS SHIELD AT THE SITE BEFORE FINAL PRODUCTION. ADJUSTMENTS MAY BE MADE TO THE DESIGN BASED ON THE MOCK UP.

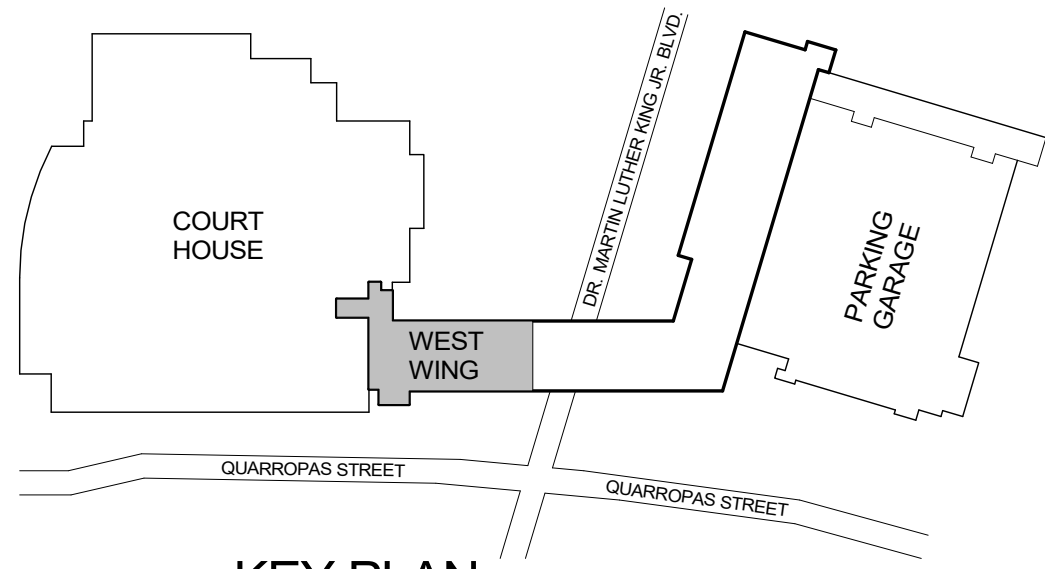


1 REFLECTED CEILING PLAN - 3RD FLOOR CENTRAL WING
1/8" = 1'-0"

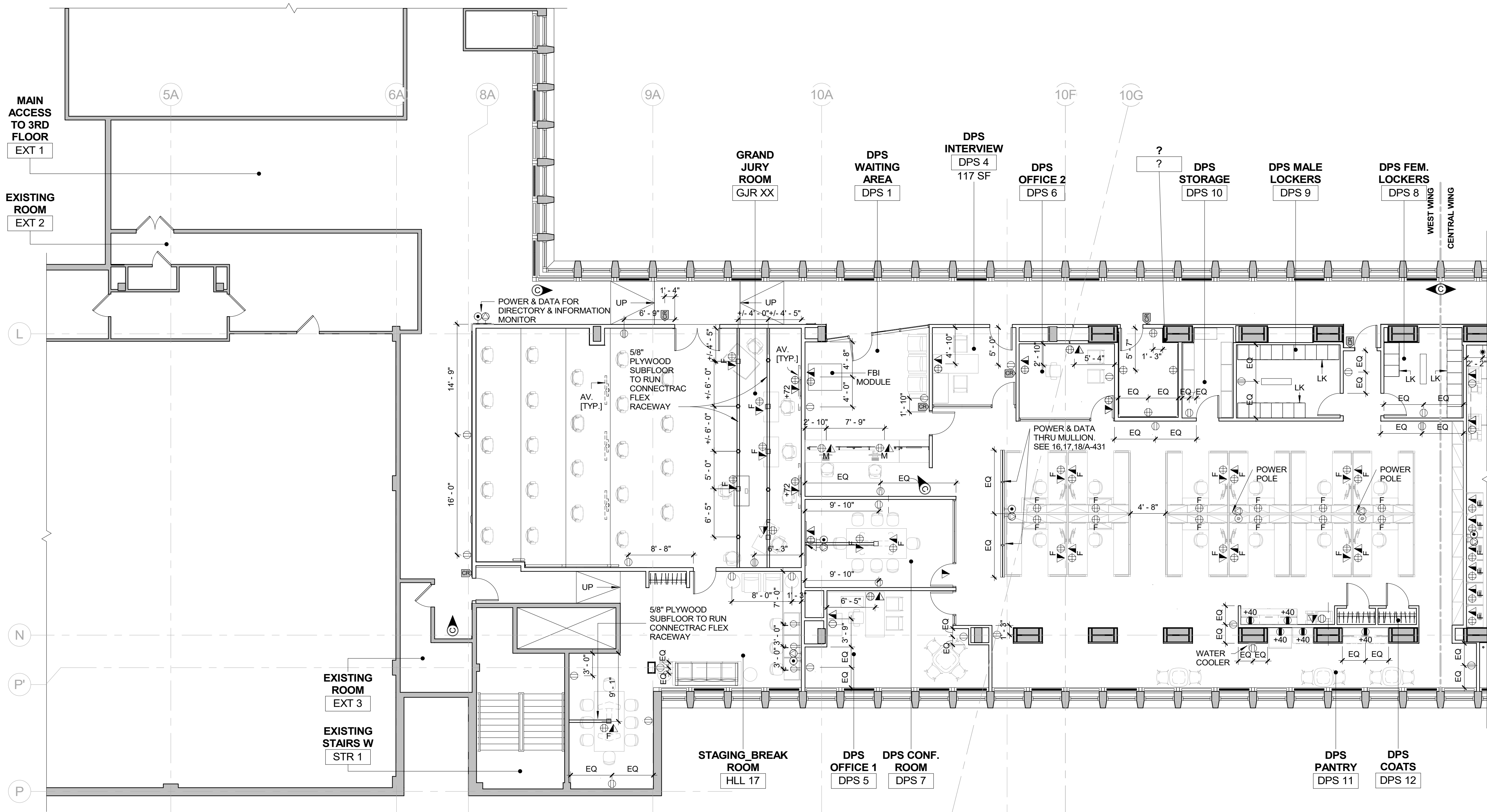
REFLECTIVE CEILING PLAN LEGEND	
SYMBOL	DESCRIPTION
	2'x2' ACOUSTICAL CEILING SYSTEM CEILING TYPE 1
	4'x4' AND 1'x4' PATTERN ACOUSTICAL CEILING SYSTEM CEILING TYPE 2
	2'x4' AND 2'x2' PATTERN ACOUSTICAL CEILING SYSTEM CEILING TYPE 3
	TECH STYLE CEILING SYSTEM CEILING TYPE 4
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	EXISTING 2'x2' ACOUSTICAL CEILING SYSTEM ABUTTING AREA OF WORK
	OTHER EXISTING CEILINGS NOT IN SCOPE
	CEILING DIFFUSER
	CEILING RETURN
	LINEAR CEILING DIFFUSER
	SMOKE DETECTOR SMOKE DETECTOR ABOVE CEILING
	OCCUPANCY SENSOR
	VACANCY SENSOR
	ALERT STROBE LIGHT ONLY
	ALERT STROBE LIGHT & SPEAKER
	FIRE ALARM SPEAKER / STROBE
	FIRE ALARM PULL STATION
	EXIT SIGN - WALL MOUNTED, ARROW INDICATES DIRECTION OF TRAVEL
	EXIT SIGN - CEILING MOUNTED, ARROW INDICATES DIRECTION OF TRAVEL
	EXISTING SKYLIGHT ADAPT CEILING TRIM TO EXISTING SKYLIGHT FRAMING
	WIRED DAYLIGHT SAVING
	WIRED QUANTUM SENSOR MODULE
	WIRED 360 DEGREE CEILING MOUNTED OCCUPANCY/VACANCY SENSOR
	SPRINKLER HEAD
	SPEAKER - CEILING MOUNTED
	SHADE - SEE DETAIL X/A-XXX
	EJ - C (CEILING EXPANSION JOINT)
	PLEXIGLASS SHIELD

		CONSULTANT INFORMATION	
Graff & 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
RECORD DRAWING CERTIFICATION			
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SIGNATURE:	SIGNATURE:	SIGNATURE:	SIGNATURE:
TITLE:	TITLE:	TITLE:	TITLE:
DATE:	DATE:	DATE:	DATE:
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER A-113
DIVISION OF ENGINEERING		SHEET NO. 35	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/8" = 1'-0"	DATE: May 20, 2021
REFLECTED CEILING PLAN - 3RD FLOOR CENTRAL WING		DPW FILE NO.	REV NO. 0
		52-01-A-479	

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K KEY PLAN
N.T.S.



1 POWER & COMMUNICATIONS PLAN - 3RD FLOOR WEST WING
1/8" = 1'-0"

POWER & COMMUNICATIONS PLAN LEGEND	
SYMBOL	DESCRIPTION
	WALL MOUNTED SINGLE OUTLET
	WALL MOUNTED DUPLEX OUTLET
	WALL MOUNTED DUPLEX OUTLET (GFCI) GROUND FAULT CIRCUIT INTERRUPTER
	WALL MOUNTED QUAD OUTLET
	FURNITURE MOUNTED QUAD OUTLET
	FLOOR MOUNTED DUPLEX OUTLET
	FLOOR MOUNTED QUAD OUTLET
	WALL MOUNTED JUNCTION BOX
	WALL MOUNTED HARD WIRE CONNECTION
	WALL MOUNTED DATA AND COMMUNICATIONS OUTLET
	FLOOR MOUNTED DATA AND COMMUNICATIONS OUTLET
	WALL MOUNTED DUPLEX AND DATA OUTLETS
	FLOOR MOUNTED QUAD AND DATA OUTLETS
	QUAD OUTLET IN FURNITURE PROVIDED BY FURNITURE MANUFACTURER
	DUPLEX OUTLET SURFACE MOUNTED IN MILLWORK
	QUAD OUTLET SURFACE MOUNTED IN MILLWORK
	QUAD AND DATA OUTLETS IN FURNITURE PROVIDED BY FURNITURE MANUFACTURER
	QUAD AND DATA OUTLETS SURFACE MOUNTED IN MILLWORK
	FLOOR ELECTRICAL FEED FOR FURNITURE WHIP
	WALL ELECTRICAL FEED FOR FURNITURE WHIP
	POLE ELECTRICAL FEED FOR FURNITURE WHIP
	ELECTRICAL CIRCUIT BREAKER PANEL WALL MOUNTED
	ELECTRICAL CIRCUIT BREAKER PANEL WALL RECESSED
	WALL MOUNTED DISPLAY (AV)
	CARD READER
	CAMERA - CEILING MOUNTED ORIENTATION
	CONNECTRAC RACEWAY

GENERAL NOTES:
1. ALL DEVICES TO BE MOUNTED 15" A.F.F. UNLESS NOTED OTHERWISE. EXAMPLE:
WALL MOUNTED PHONE AT +48" TYPICAL.
2. SEE AV DRAWINGS FOR ADDITIONAL REQUIREMENTS AND AV DEVICES.
3. FOR CAMERAS LOCATIONS SEE SECURITY DRAWINGS.



CONSULTANT INFORMATION
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Architects LLP
90-30 161st Street, Jamaica, NY 11432
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RECORD DRAWING CERTIFICATION				
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TITLE:		TITLE:		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER A-121	
DIVISION OF ENGINEERING		SHEET NO. 37	OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: DATE: May 20, 2021	1/8" = 1'-0" Issue Date	
POWER AND COMMUNICATION PLAN - 3RD FLOOR WEST WING		DPW FILE NO. 52-01-A-481	REV NO.	0



CONSULTANT SEAL:



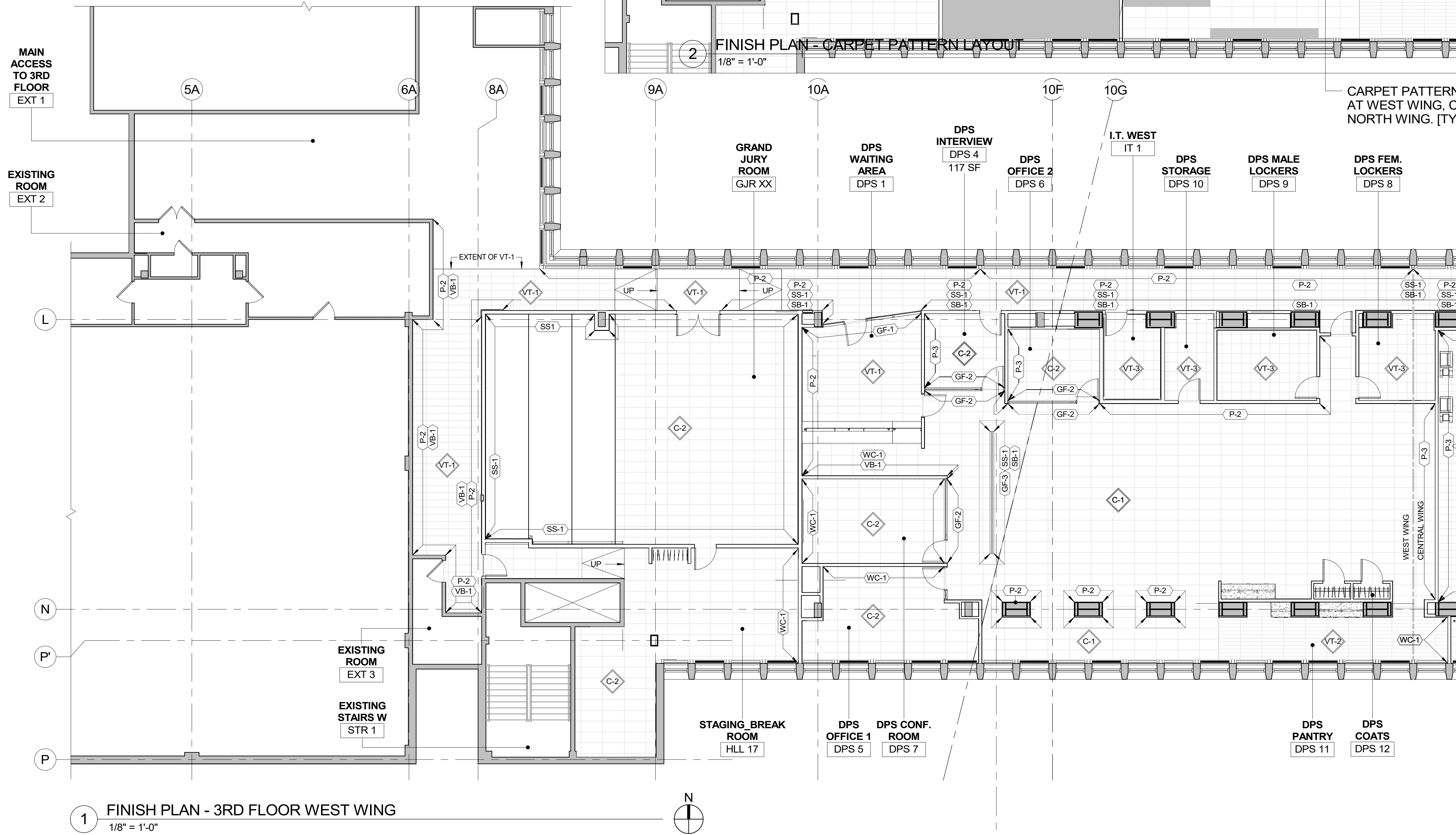
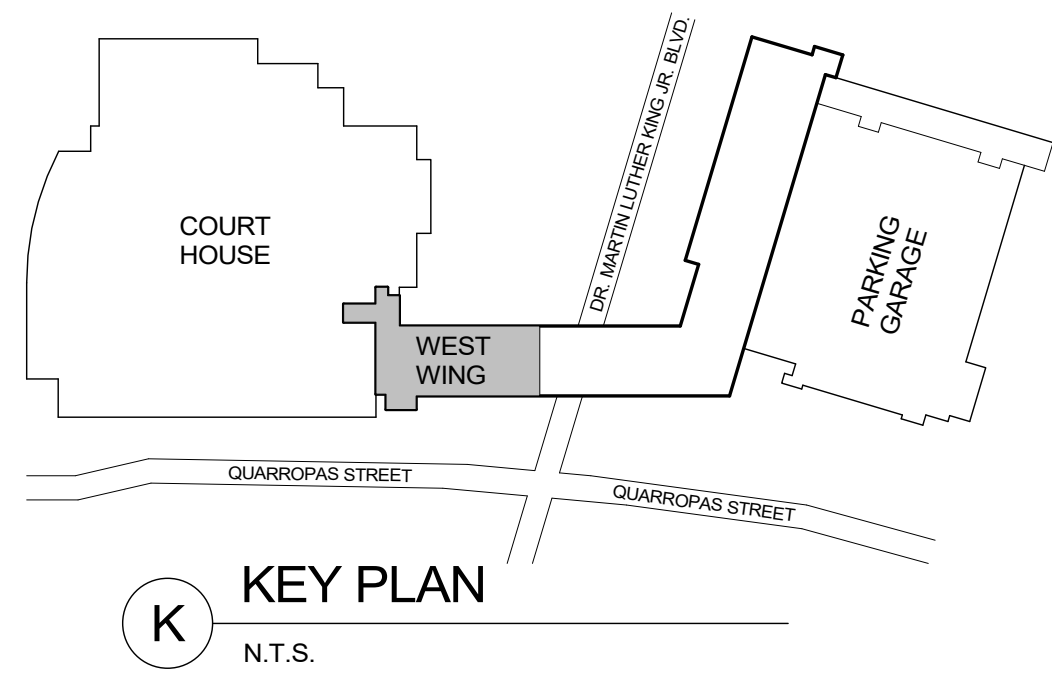
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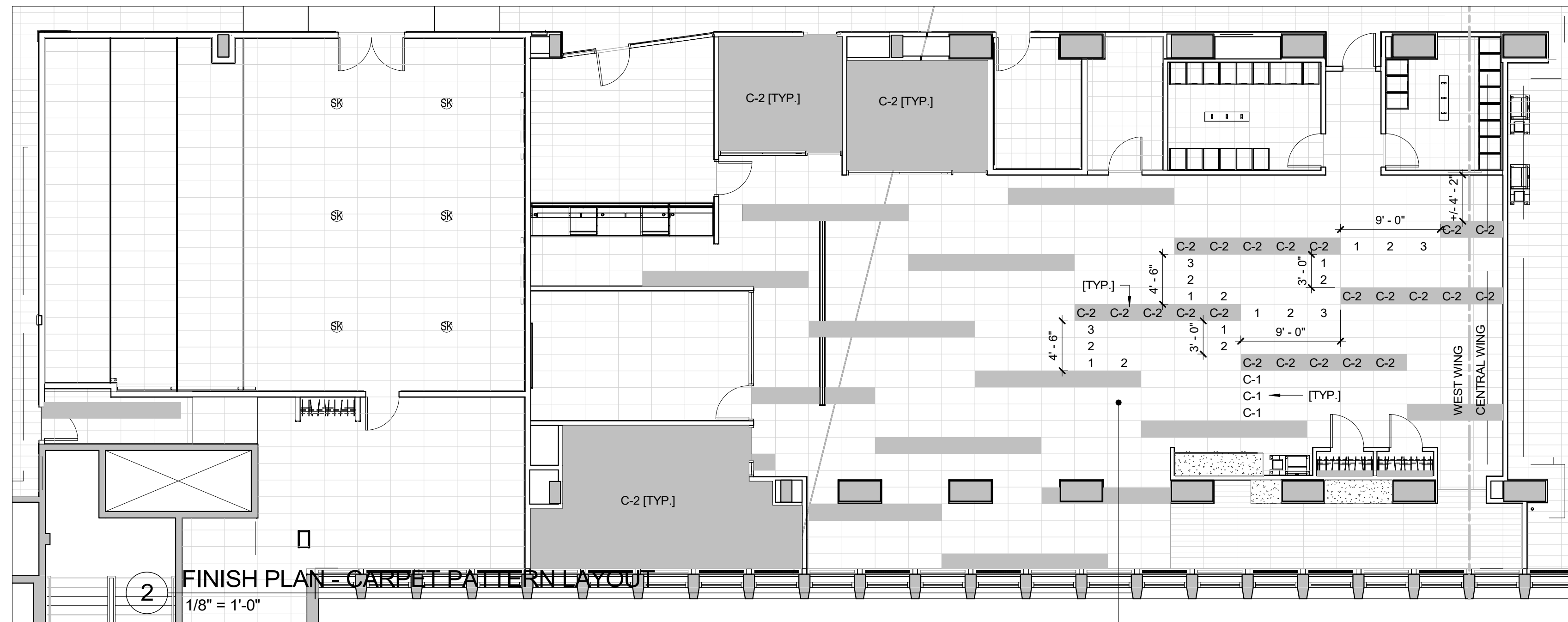
Architects LLP

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1 FINISH PLAN - 3RD FLOOR WEST WING
1/8" = 1'-0"



2 FINISH PLAN - CARPET PATTERN LAYOUT
1/8" = 1'-0"

CARPET PATTERN LAYOUT C-1 & C-2
AT WEST WING, CENTRAL WING &
NORTH WING. [TYP.]

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

NOTES:

- SEE A-505 FOR SCHEDULE OF FINISHES.
- ALL WALLS WITHIN WORK AREA SHALL BE PAINTED P-1 UNLESS OTHERWISE NOTED.
- 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.

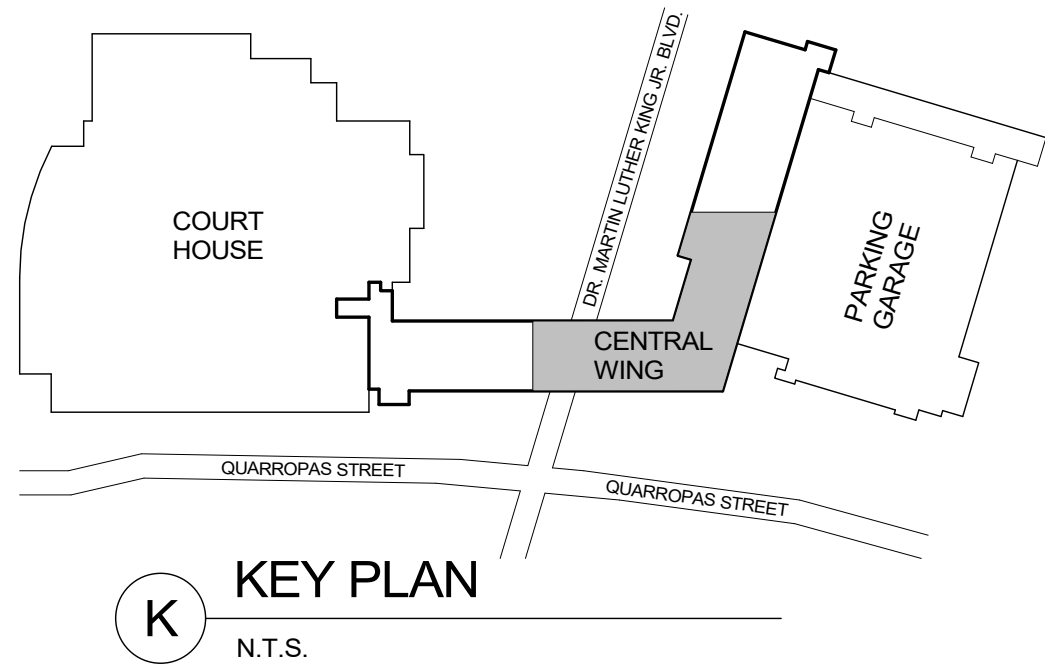


CONSULTANT INFORMATION

Graf & Lewent
Architects LLP

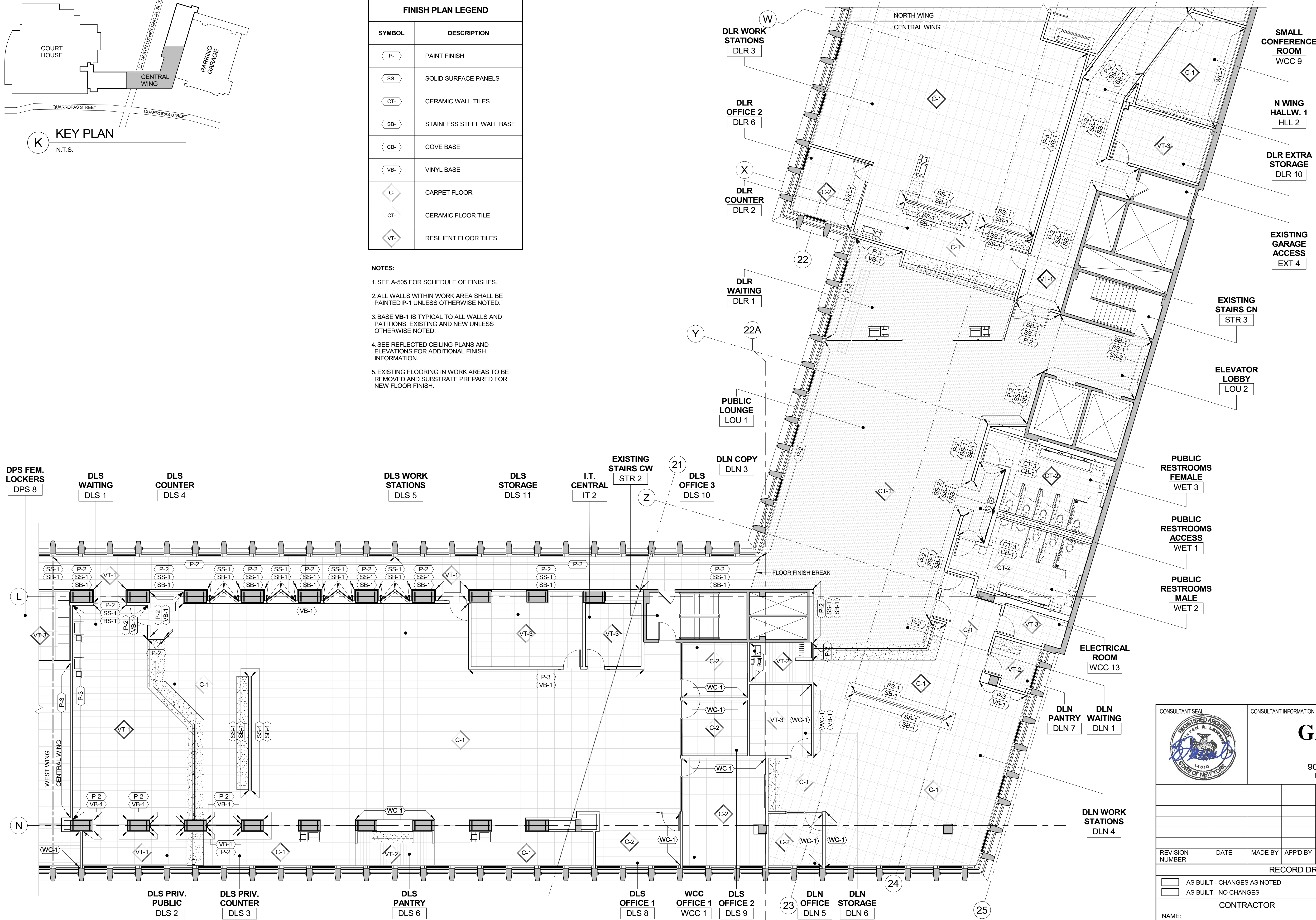
90-30 161st Street, Jamaica, NY 11432
P: 718-651-6200 F: 718-251-6989

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	A-131	
DIVISION OF ENGINEERING		SHEET NO. 40	OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE:	1/8" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021	Issue Date	
WHITE PLAINS, NEW YORK		DPW FILE NO.	REV NO.	
FINISH PLAN - 3RD FLOOR WEST WING		52-01-A-484	0	



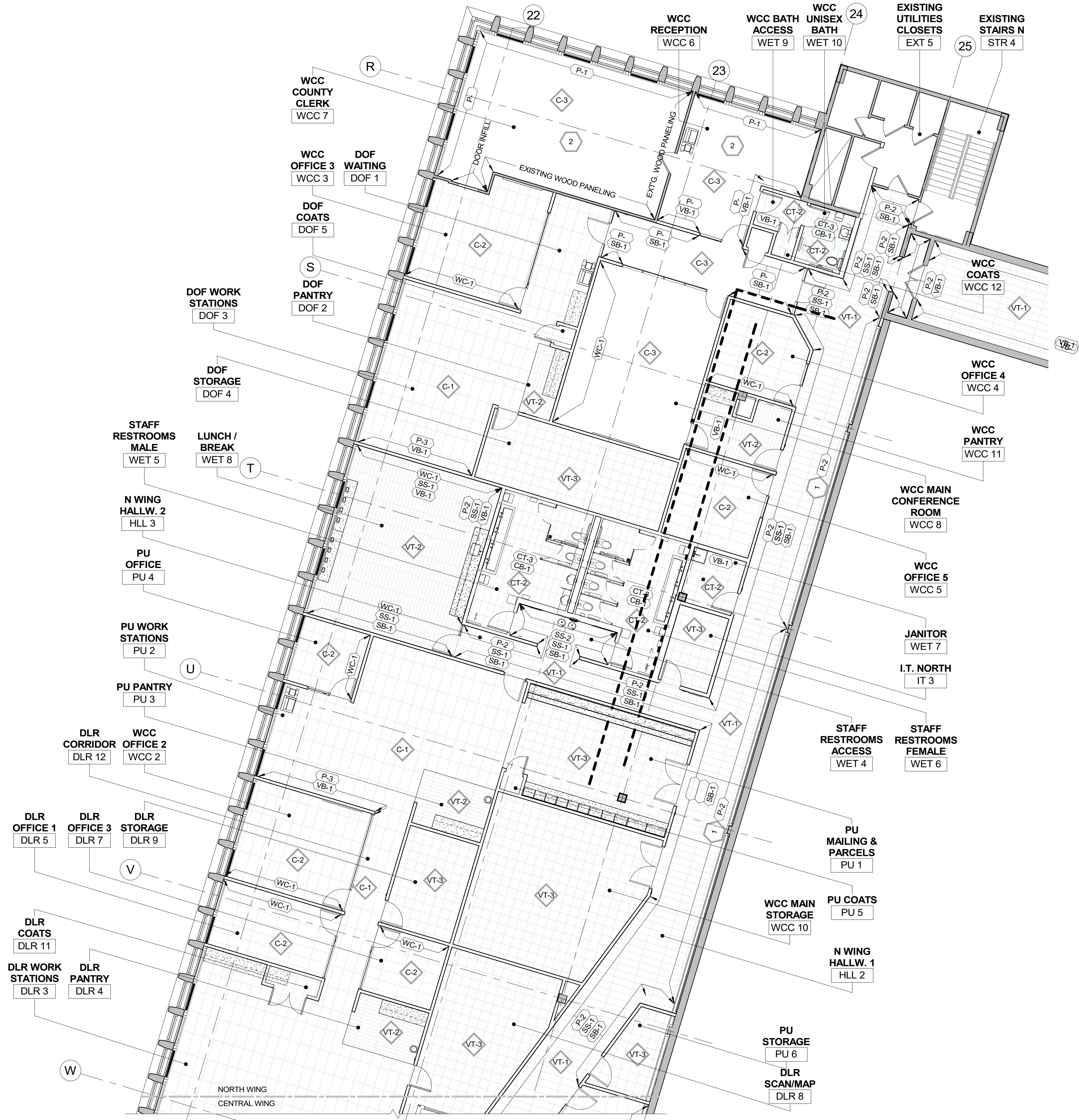
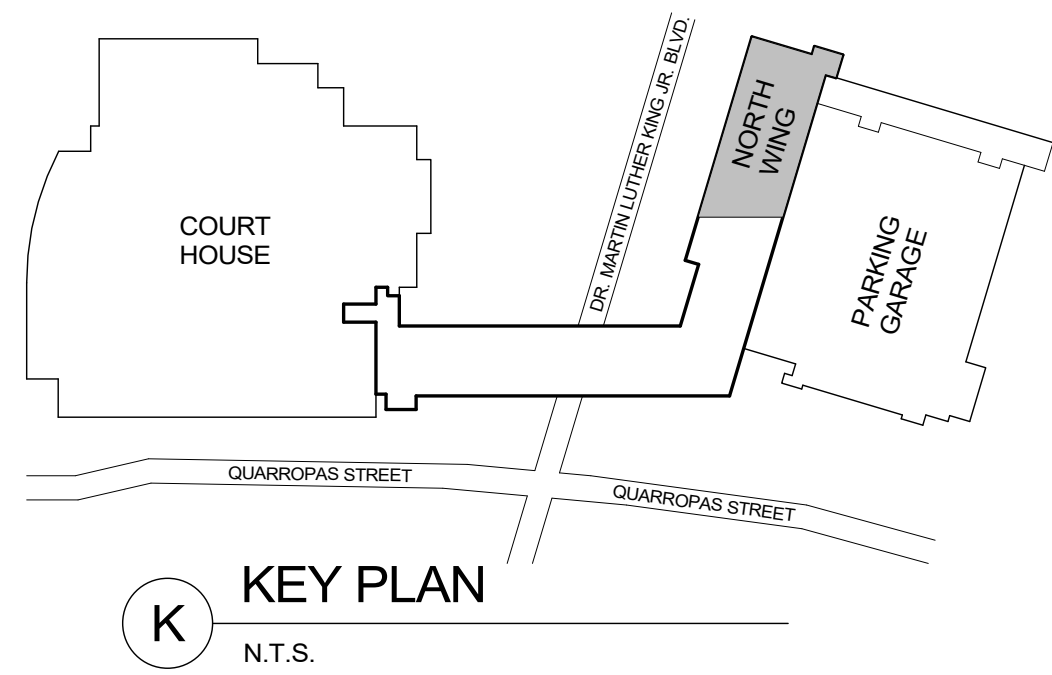
FINISH PLAN LEGEND	
SYMBOL	DESCRIPTION
P-	PAINT FINISH
SS-	SOLID SURFACE PANELS
CT-	CERAMIC WALL TILES
SB-	STAINLESS STEEL WALL BASE
CB-	COVE BASE
VB-	VINYL BASE
C-	CARPET FLOOR
CT-	CERAMIC FLOOR TILE
VT-	RESILIENT FLOOR TILES

- NOTES:
- SEE A-505 FOR SCHEDULE OF FINISHES.
 - ALL WALLS WITHIN WORK AREA SHALL BE PAINTED P-1 UNLESS OTHERWISE NOTED.
 - 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.



1 FINISH PLAN - 3RD FLOOR CENTRAL WING
1/8" = 1'-0"

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<table><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><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></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 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		CONTRACT NUMBER 19-514 SHEET NO. 41 OF 106	SHEET NUMBER A-132																									
FINISH PLAN - 3RD FLOOR CENTRAL WING		SCALE: 1/8" = 1'-0" DATE: May 20, 2021 DPW FILE NO. 52-01-A-485	Issue Date REV NO. 0																									



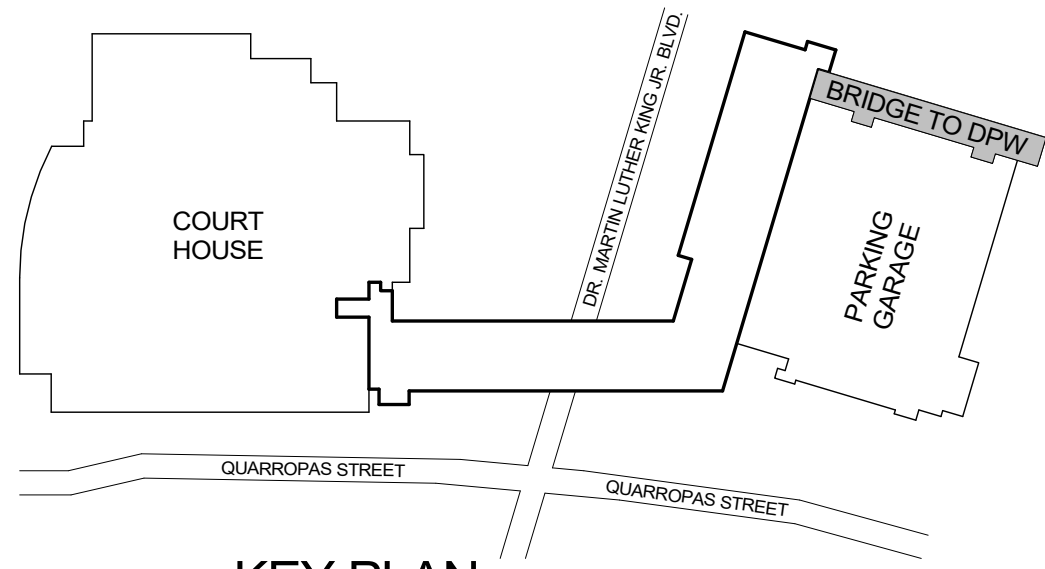
FINISH PLAN LEGEND	
SYMBOL	DESCRIPTION
P-	PAINT FINISH
SS-	SOLID SURFACE PANELS
CT-	CERAMIC WALL TILES
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- NOTES:
- SEE A-505 FOR SCHEDULE OF FINISHES.
 - ALL WALLS WITHIN WORK AREA SHALL BE PAINTED P-1 UNLESS OTHERWISE NOTED.
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 - 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.

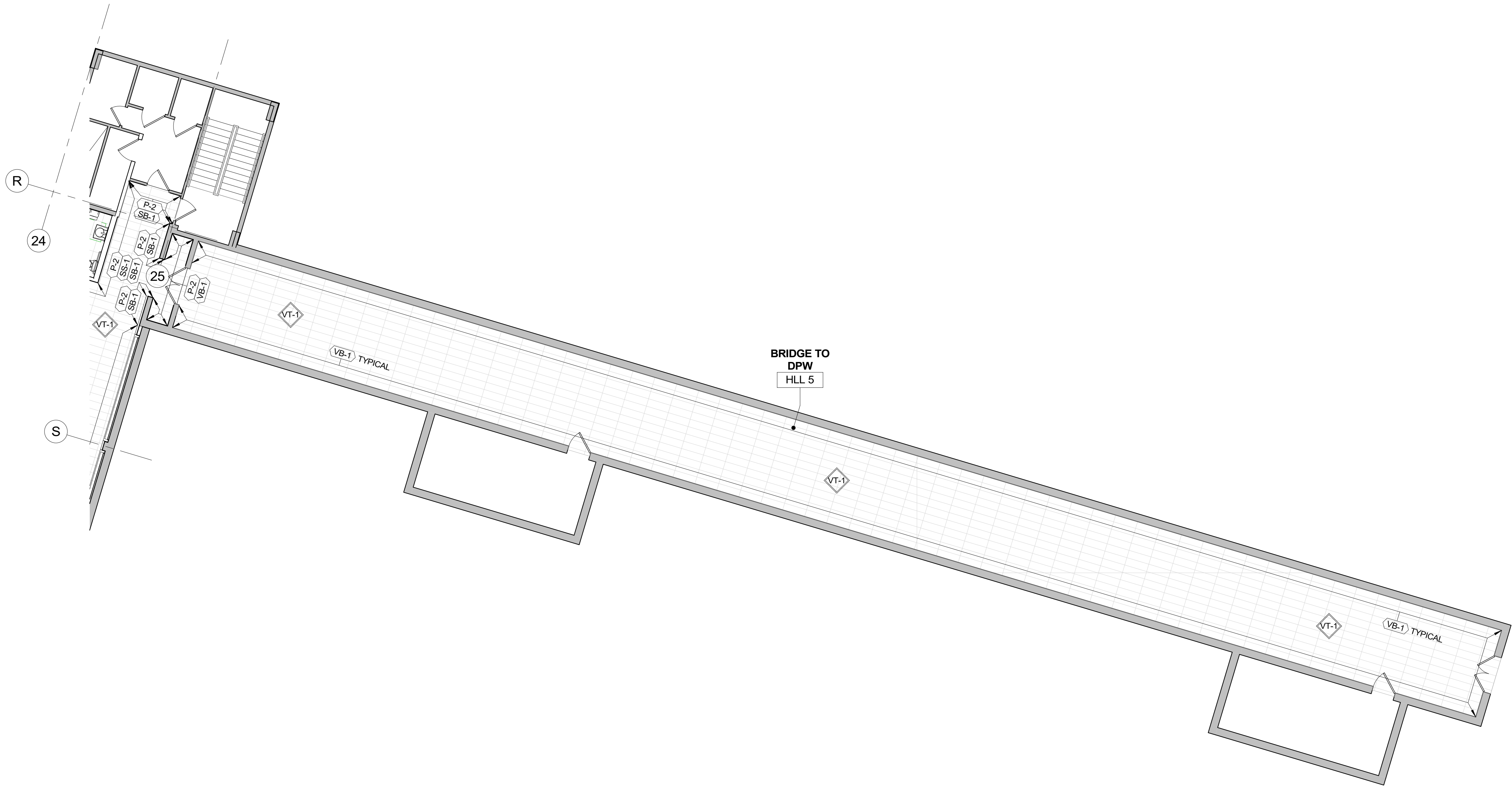
- PLAN NOTES:
- GRAPHIC APPLIQUE BY THE COUNTY.
 - EXISTING WOOD BASE AND CHAIR RAIL TO REMAIN.

1 FINISH PLAN - 3RD FLOOR NORTH WING
1/8" = 1'-0"

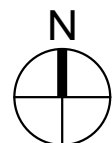
		CONSULTANT INFORMATION	
		Graf & Lewent Architects LLP	
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REVISION NUMBER	DATE	MADE BY	APP'D BY
REVISION			
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SIGNATURE: _____		SIGNATURE: _____	
TITLE: _____		TITLE: _____	
DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	
DIVISION OF ENGINEERING		SHEET NUMBER A-133	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SHEET NO. 42 OF 106	
FINISH PLAN - 3RD FLOOR NORTH WING		SCALE: 1/8" = 1'-0" DATE: May 20, 2021 DPW FILE NO. 52-01-A-486	
		Issue Date REV NO. 0	



K KEY PLAN
N.T.S.



1 FINISH PLAN - 3RD FLOOR BRIDGE TO DPW
1/8" = 1'-0"



- NOTES:**
1. REPAIR WALLS IF DAMEGED BY REMOVAL OF FLOOR, BASE, ABATEMENT, ETC.
 2. PAINT ALL WALLS P-1.



CONSULTANT INFORMATION

Graf & Lewent
Architects LLP

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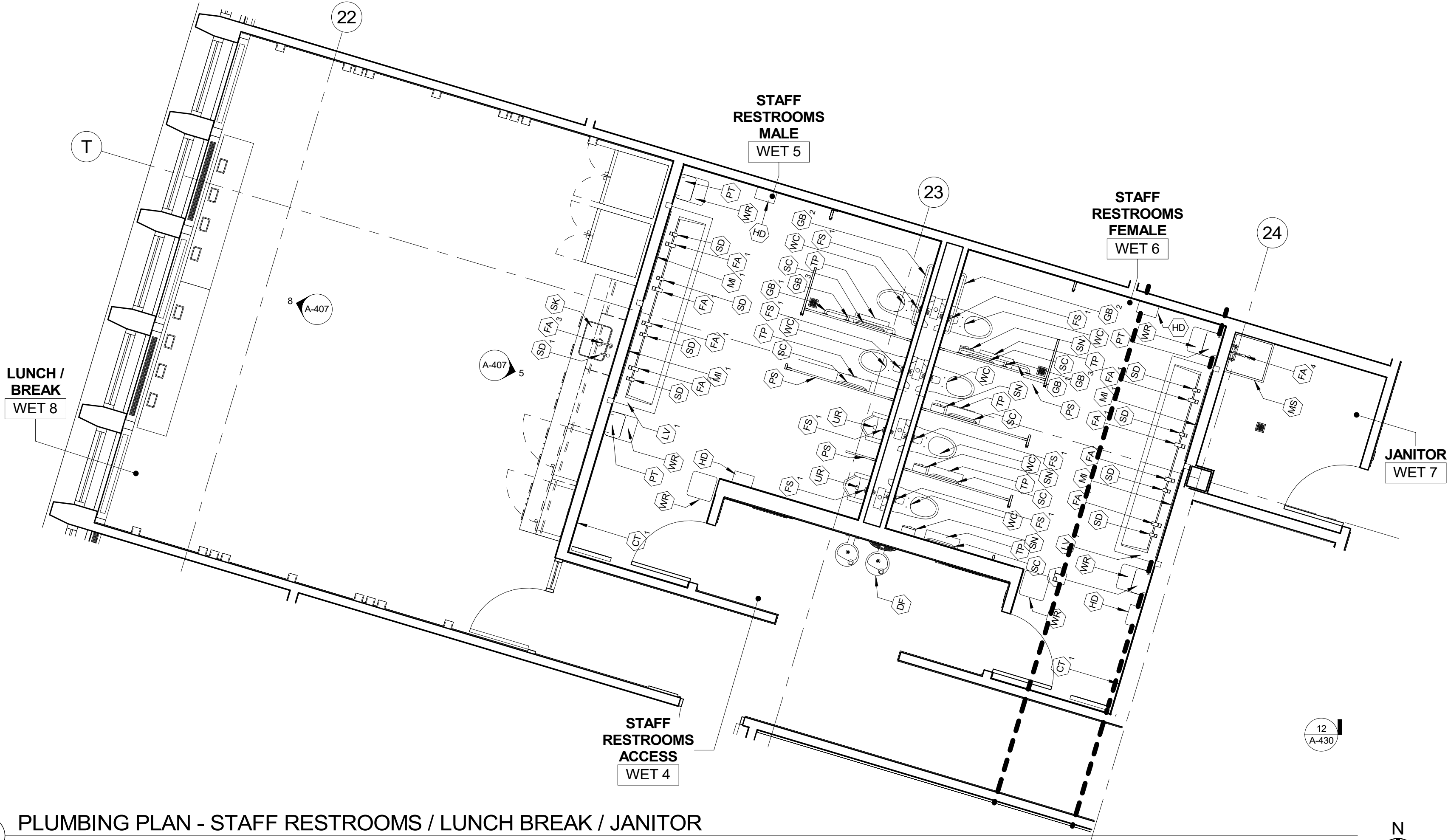
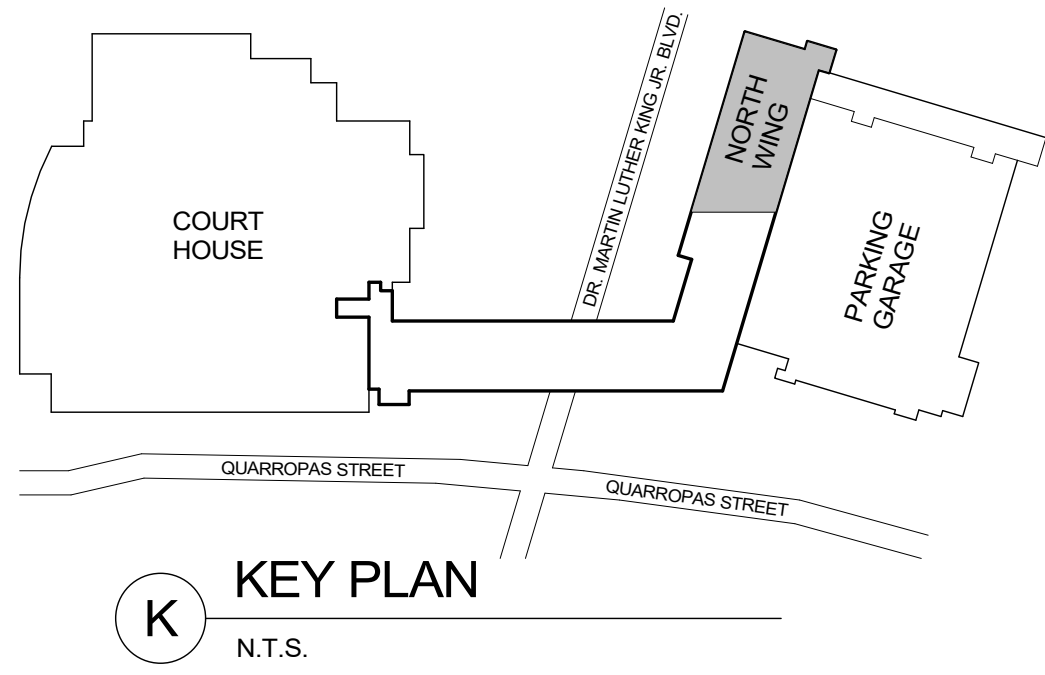
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION	CONTRACT NUMBER 19-514	SHEET NUMBER A-134
DIVISION OF ENGINEERING	SHEET NO. 43 OF 106	SCALE: 1/8" = 1'-0"
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK	DATE: May 20, 2021 DPW FILE NO. 52-01-A-487	Issue Date REV NO 0
FINISH PLAN - 3RD FLOOR BRIDGE TO DPW		

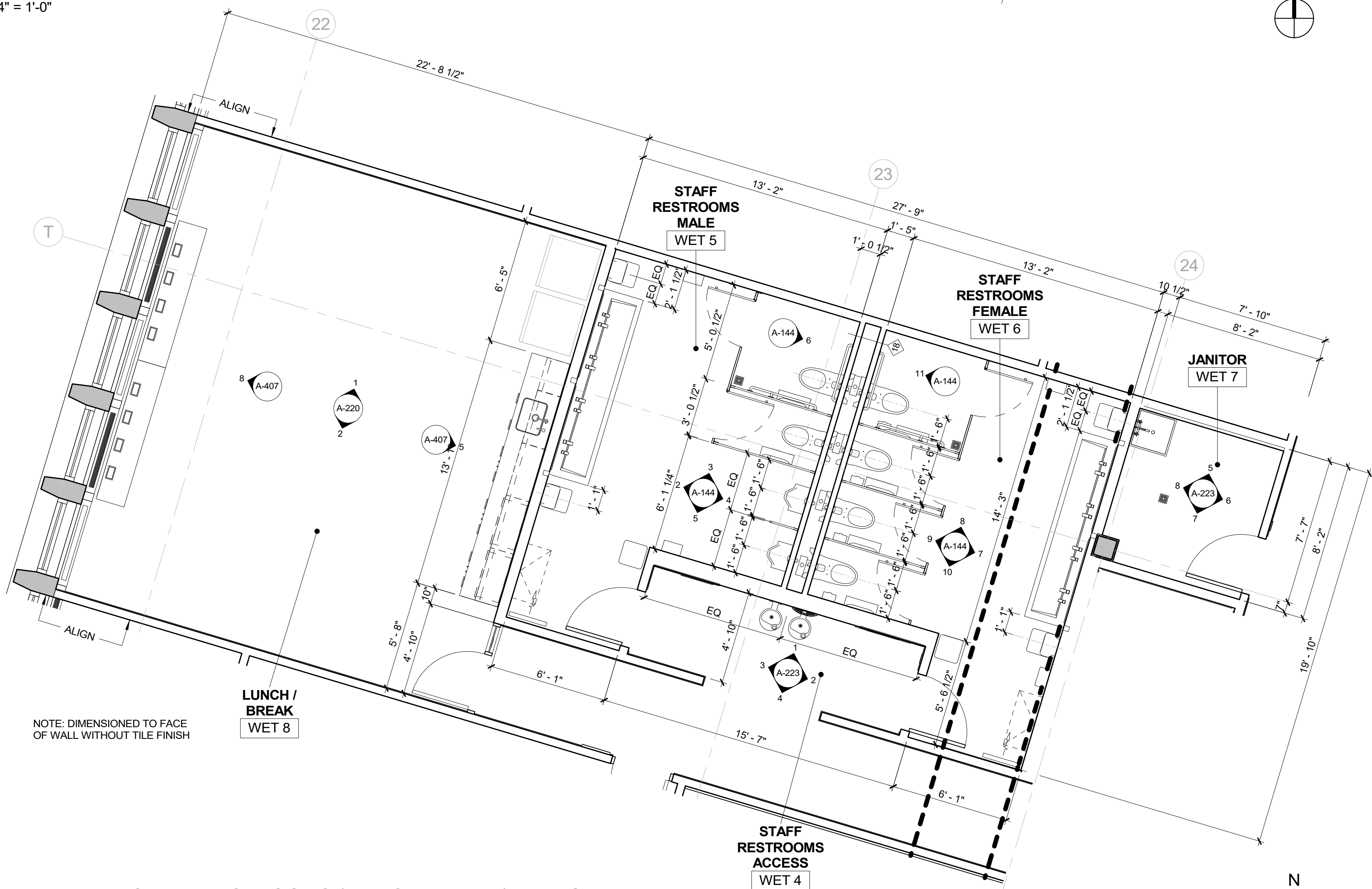


RESTROOM ACCESSORY SCHEDULE			
SYMBOL	DESCRIPTION	MANUFACTURER	MODEL #
 _1	GRAB BAR - SIDE	BOBRICK	B-6806 42"
 _2	GRAB BAR - REAR	BOBRICK	B-6806 36"
 _3	GRAB BAR - VERTICAL	BOBRICK	B-6806 18" VERTICAL
	BABY CHANGING STATION	KOALA KARE	KB-110-SSWM
 _1	BABY CHANGING STATION	KOALA KARE	KB-110-SSRE
	TOILET PAPER DISPENSER UNIT	BOBRICK	B-2892
 _1	TOILET PAPER DISPENSER UNIT	BOBRICK	B-4288
	PAPER TOWEL DISPENSER	GEORGIA PACIFIC ENMOTION	59462A
 _1	MIRROR 4'-6" X4'-0"	BOBRICK	B-290 54"X48"
 _2	MIRROR 2'-6" X4'-0"	BOBRICK	B-290 30"X48"
	SEAT COVER DISPENSER	BOBRICK	B-221
	WASTE RECEPTACLE - 21 GALLONS NO COVER	BOBRICK	B-2280
 _1	WASTE RECEPTACLE - 13 GALLONS NO COVER	BOBRICK	B-2260
	SANITARY NAPKIN DISPOSAL BIN	BOBRICK	B-35139
	TOILET PARTITIONS	SCRANTON	ECLIPSE 62" HEIGHT

CONSULTANT SEAL 	CONSULTANT INFORMATION <h2 style="text-align: center; margin: 0;">Graf & Lewent</h2> <h3 style="text-align: center; margin: 0;">Architects LLP</h3> <p style="text-align: center; font-weight: bold;">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
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 19-514	SHEET NUMBER A-141	
		SHEET NO. 44	OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: As indicated DATE: May 20, 2021 Issue Date DPW FILE NO. 52-01-A-488		
PLUMBING PLAN - PUBLIC RESTROOMS AND UNISEX BATH		REV NO. 0		



2 PLUMBING PLAN - STAFF RESTROOMS / LUNCH BREAK / JANITOR
1/4" = 1'-0"



1 PLAN DETAIL - STAFF RESTROOMS / LUNCH BREAK / JANITOR
1/4" = 1'-0"

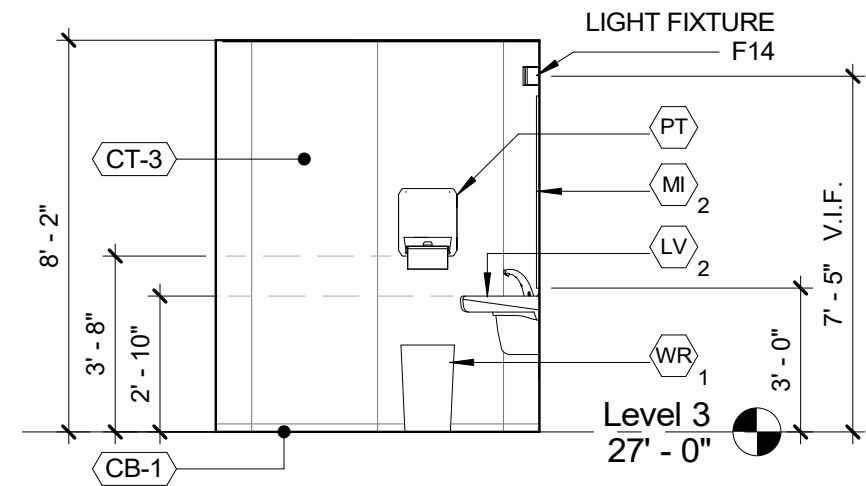
PLUMBING FIXTURES SCHEDULE

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL #
(DF)	DRINKING FOUNTAIN WITH BOTTLE FILLER	ELKAY	LZWS-EDFPBM117K
(FA) ₁	SENSOR RESTROOM FAUCET	SLOAN	EPX-200
(FA) ₂	SENSOR UNISEX RESTROOM FAUCET	SLOAN	EAF-100
(FA) ₃	SENSOR BREAKROOM SINK FAUCET	SLOAN	EAF-700
(FA) ₄	JANITOR ROOM FAUCET	FIAT	830-AA
(LV) ₁	LAVATORY - RESTROOM	SLOAN	AD-84000
(LV) ₂	LAVATORY - UNISEX RESTROOM	KOHLER	K-1999-SS8
(SK)	SINK - BREAKROOM	ELKAY	LRAD221950
(UR)	URINAL	SLOAN	SU-1019
(WC)	WATER CLOSET	SLOAN	ST-2469-STG
(WC) ₁	WATER CLOSET	KOHLER	K-3810
(MS)	MOP SINK	SWAN	MS-2424
(FS) ₁	FLUSHOMETER SENSOR - WATER CLOSET	SLOAN	CX 8158-1.28-CP-OR
(FS) ₂	FLUSHOMETER SENSOR - URINAL	SLOAN	CX 8198-0.5-CP-OR
(HD)	AUTOMATIC HAND DRYER & ADA RECESS KIT	SLOAN	XLERATOR - BRUSHED NICKEL
(SD)	SENSOR SOAP DISPENSER	SLOAN	ESD-500-CP
(SD) ₁	SENSOR SOAP DISPENSER	SLOAN	ESD-700-CP

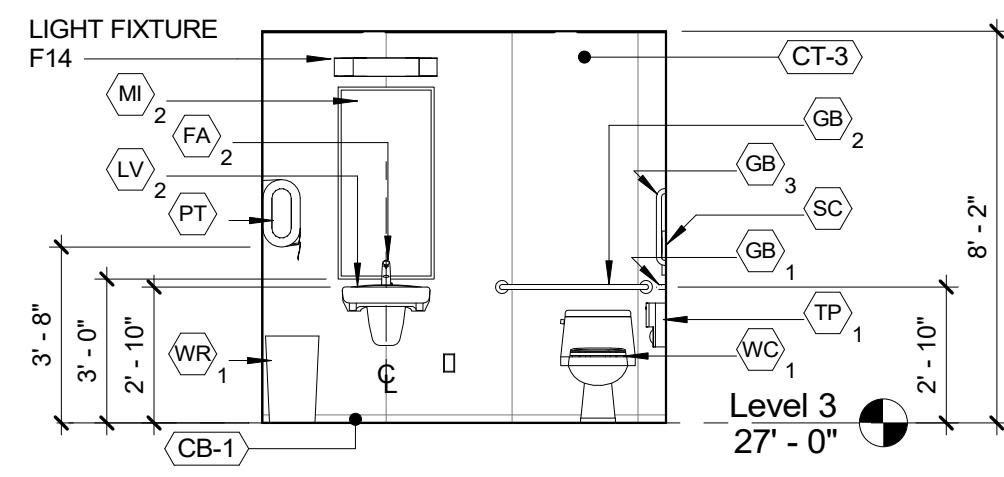
RESTROOM ACCESSORY SCHEDULE

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL #
(GB) ₁	GRAB BAR - SIDE	BOBRICK	B-6806 42"
(GB) ₂	GRAB BAR - REAR	BOBRICK	B-6806 36"
(GB) ₃	GRAB BAR - VERTICAL	BOBRICK	B-6806 18" VERTICAL
(CT)	BABY CHANGING STATION	KOALA KARE	KB-110-SSWM
(CT) ₁	BABY CHANGING STATION	KOALA KARE	KB-110-SSRE
(TP)	TOILET PAPER DISPENSER UNIT	BOBRICK	B-2892
(TP) ₁	TOILET PAPER DISPENSER UNIT	BOBRICK	B-4288
(PT)	PAPER TOWEL DISPENSER	GEORGIA PACIFIC ENMOTION	59462A
(MI) ₁	MIRROR 4'-6" X4'-0"	BOBRICK	B-290 54"X48"
(MI) ₂	MIRROR 2'-6" X4'-0"	BOBRICK	B-290 30"X48"
(SC)	SEAT COVER DISPENSER	BOBRICK	B-221
(WR)	WASTE RECEPTACLE - 21 GALLONS NO COVER	BOBRICK	B-2280
(WR) ₁	WASTE RECEPTACLE - 13 GALLONS NO COVER	BOBRICK	B-2260
(SN)	SANITARY NAPKIN DISPOSAL BIN	BOBRICK	B-35139
(PS)	TOILET PARTITIONS	SCRANTON	ECLIPSE 62" HEIGHT

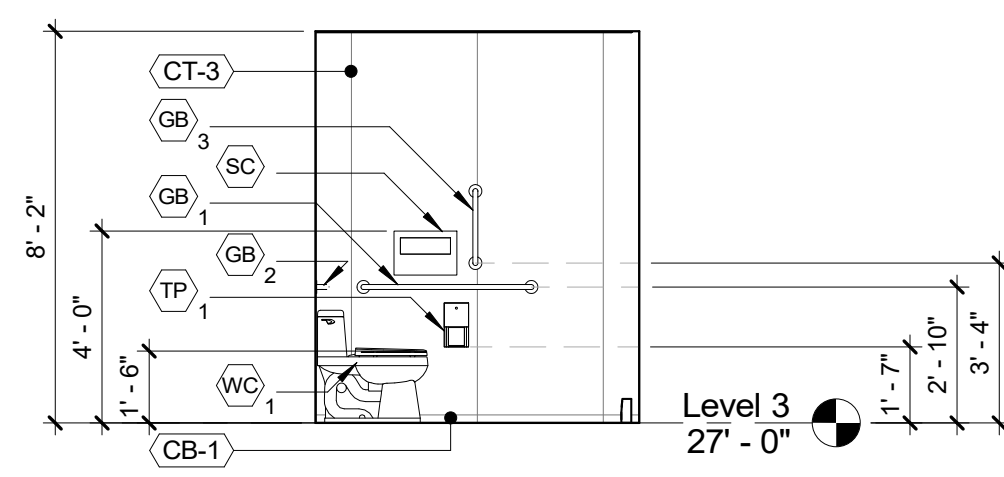
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		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER		DATE	MADE BY APP'D BY REVISION
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CONTRACTOR		CONTRACTOR	
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SIGNATURE: _____		SIGNATURE: _____	
TITLE: _____		TITLE: _____	
DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER A-142
DIVISION OF ENGINEERING		SHEET NO. 45	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: _____	As indicated
PLUMBING PLAN - STAFF RESTROOMS / LUNCH BREAK / JANITOR		DATE: May 20, 2021	Issue Date
		DPW FILE NO.	REV NO. 0
		52-01-A-489	



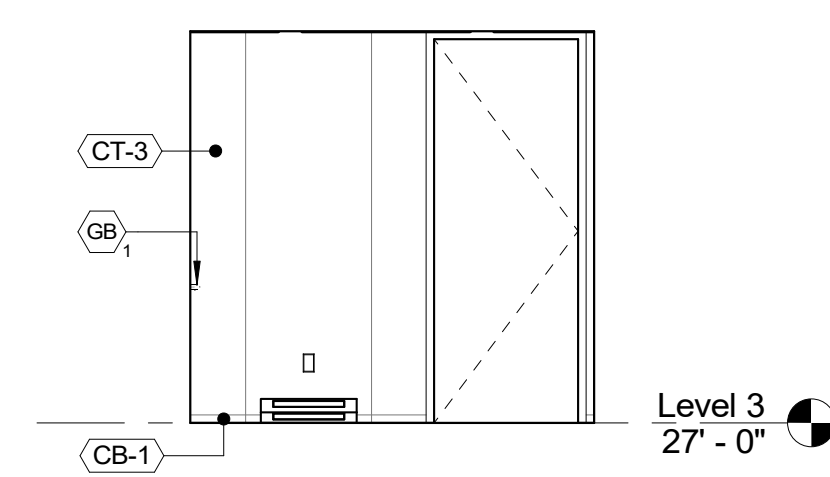
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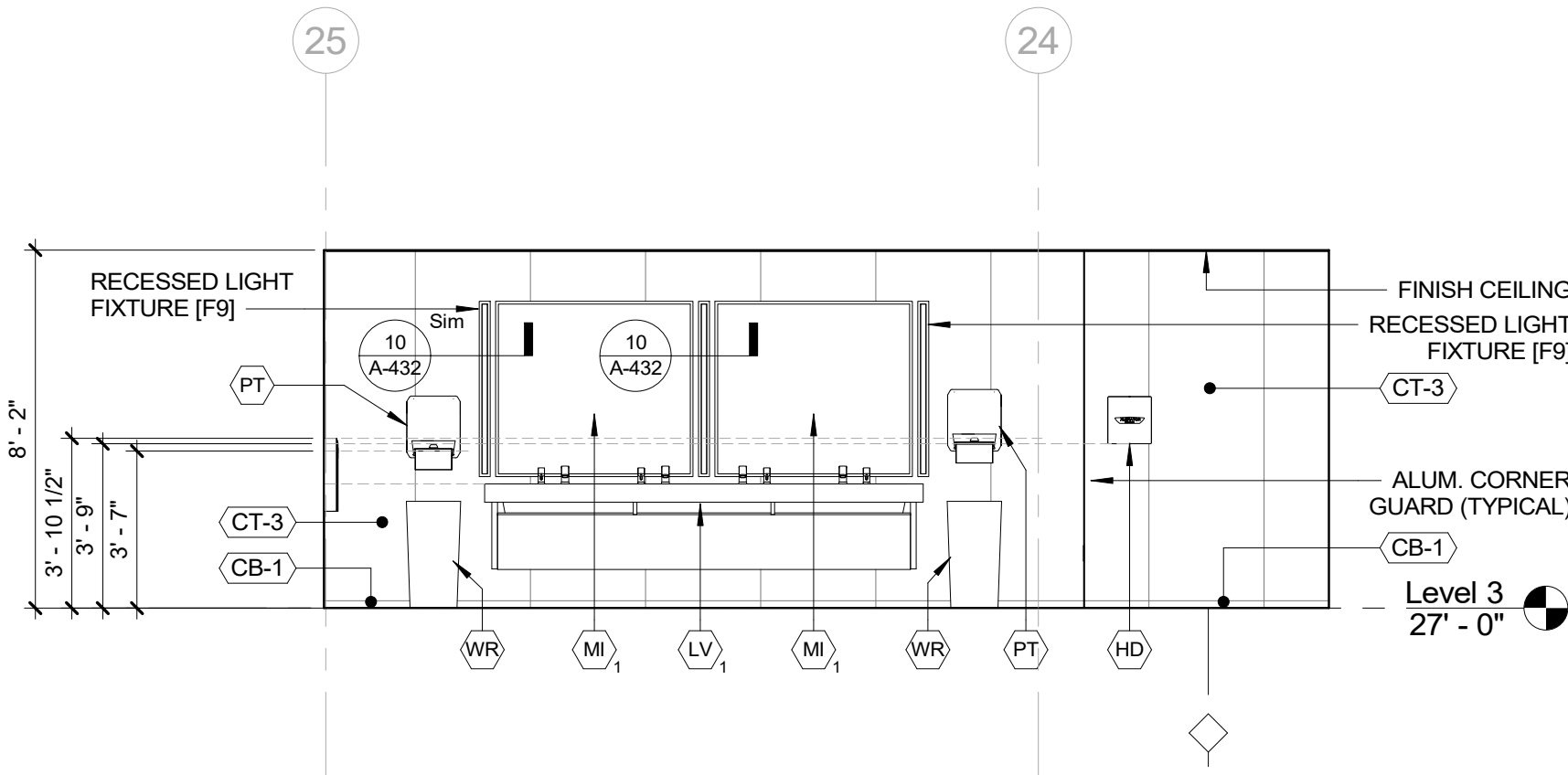
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1/4" = 1'-0"



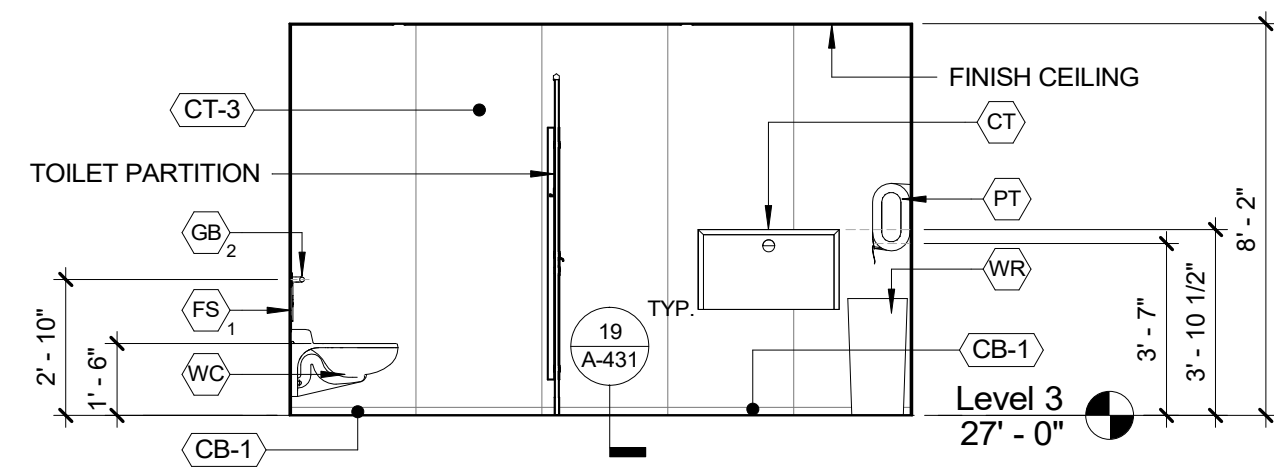
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1/4" = 1'-0"



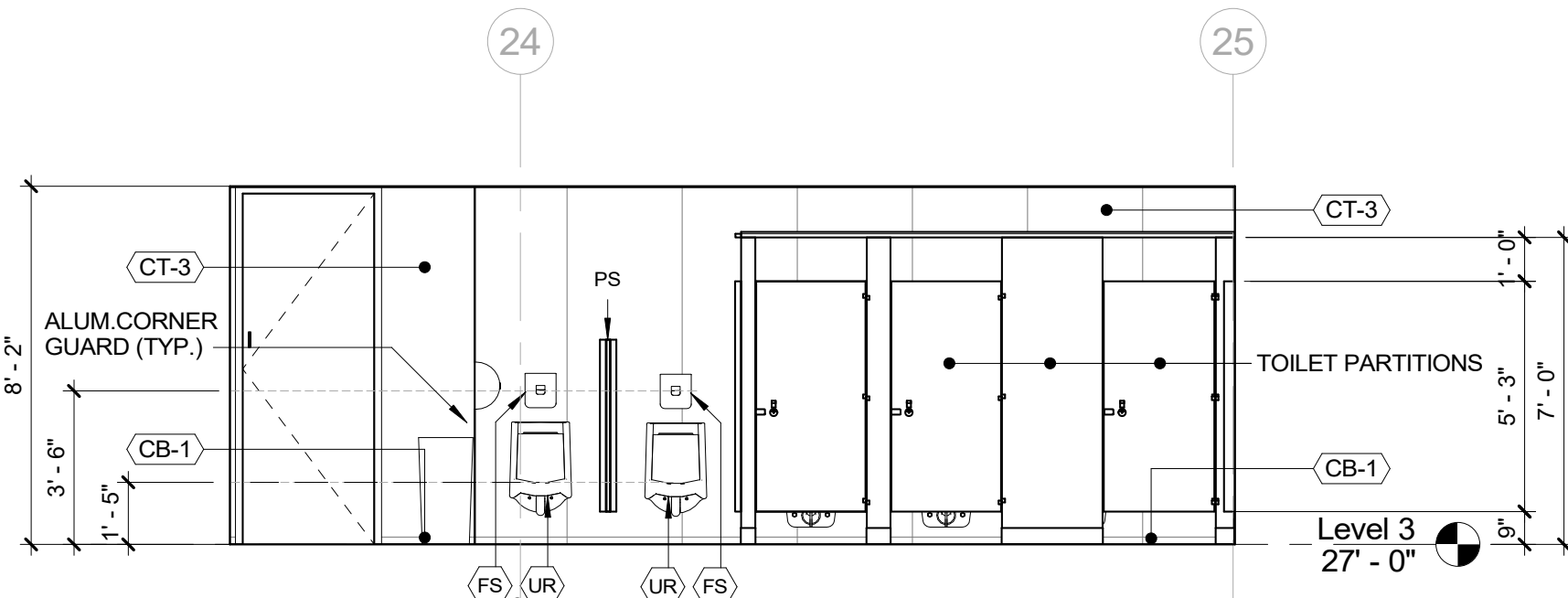
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1/4" = 1'-0"



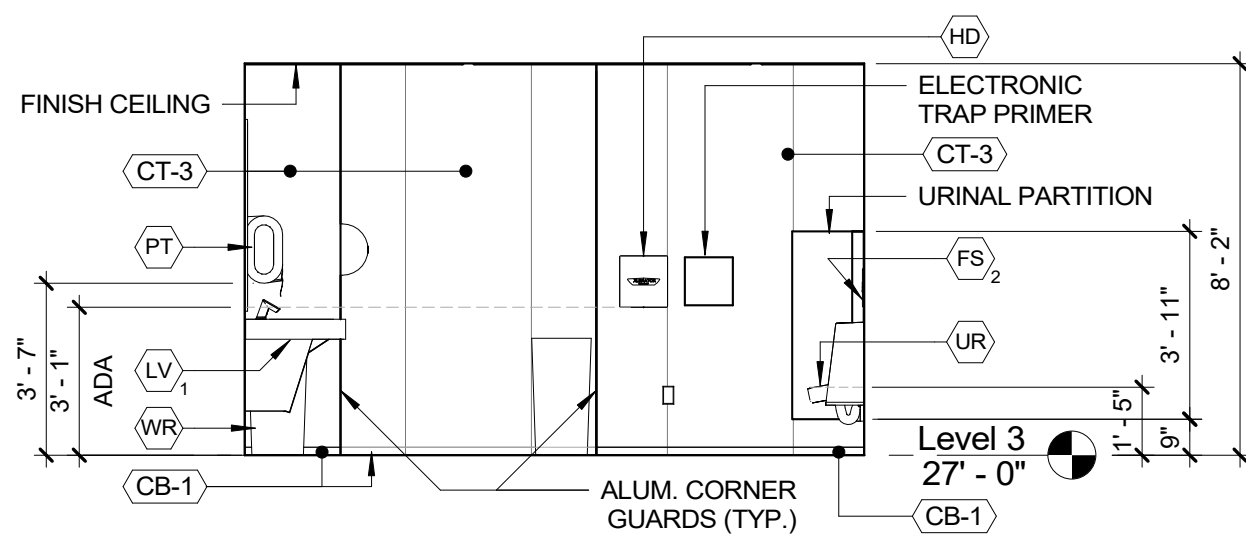
5 ELEVATION - PUBLIC RESTROOMS MALE A
1/4" = 1'-0"



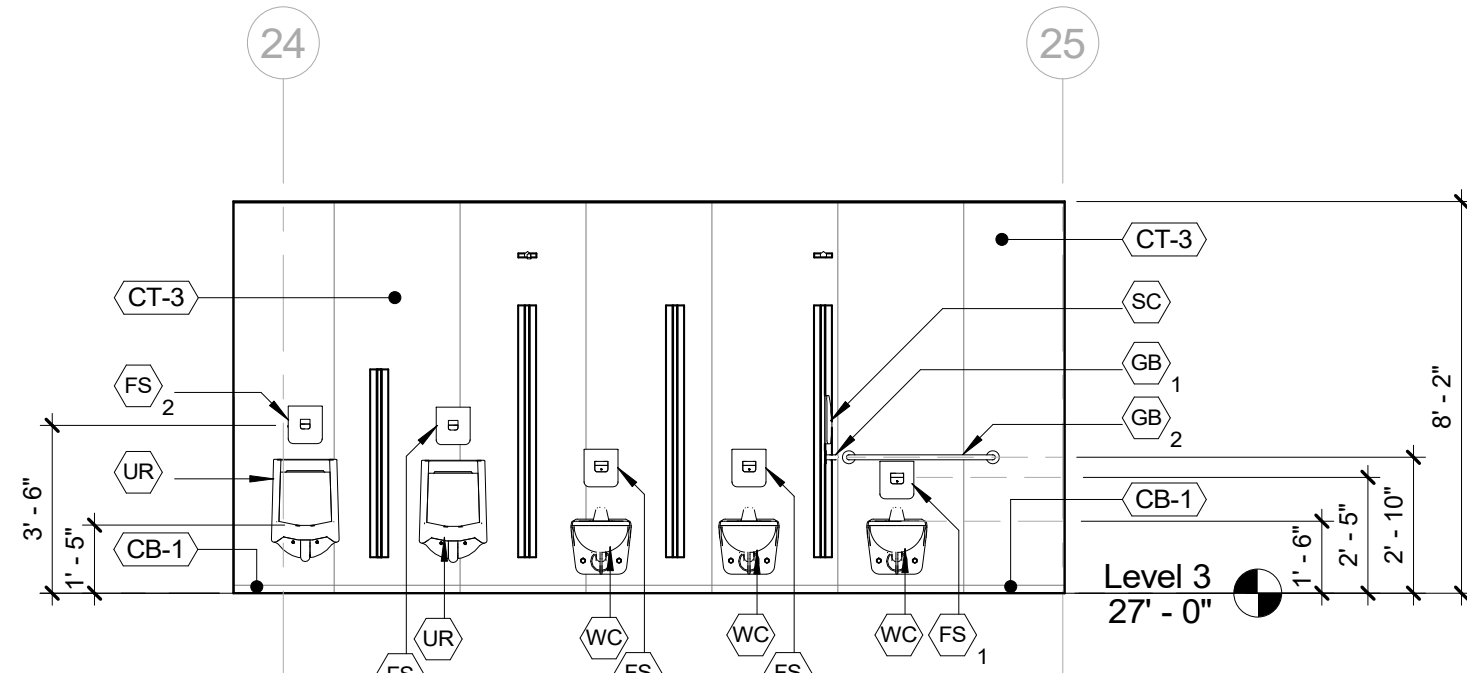
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1/4" = 1'-0"



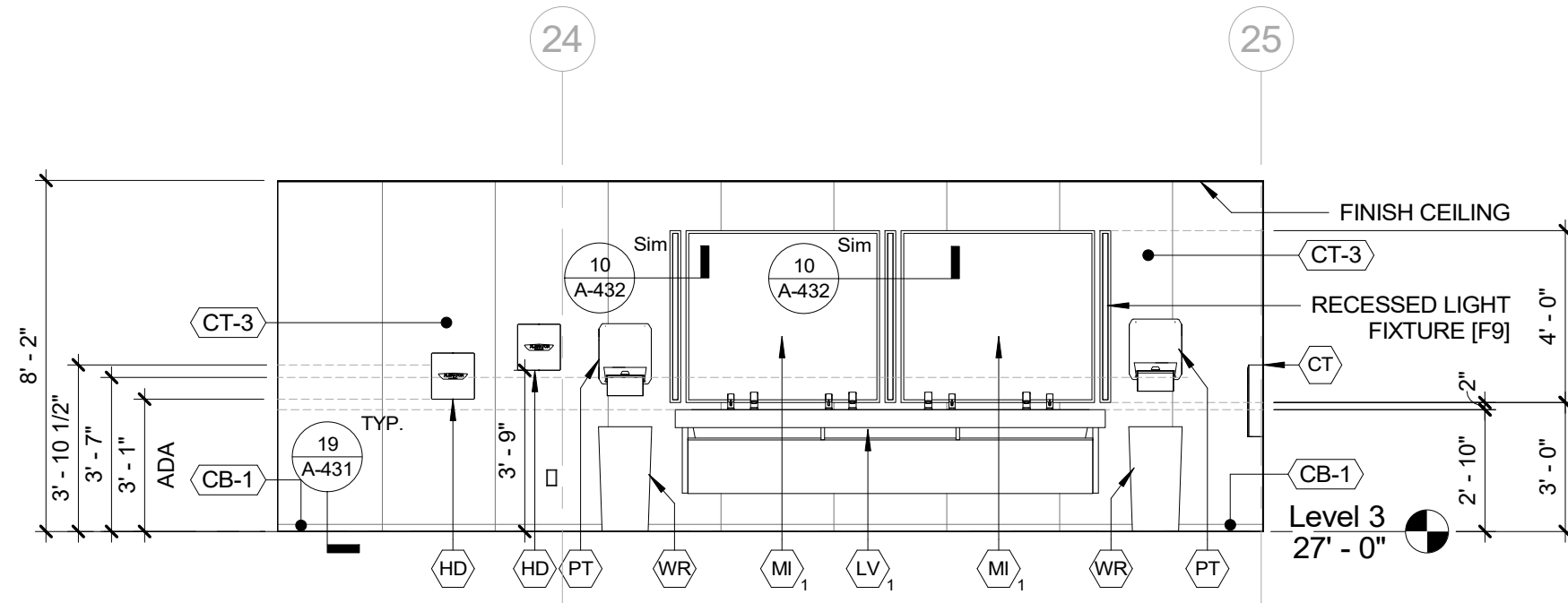
7 ELEVATION - PUBLIC RESTROOMS MALE C
1/4" = 1'-0"



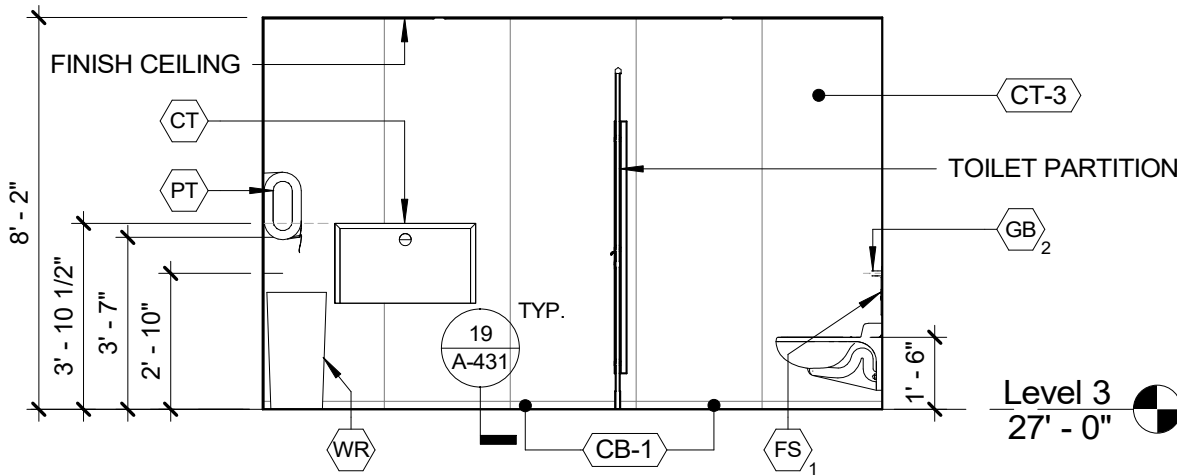
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1/4" = 1'-0"



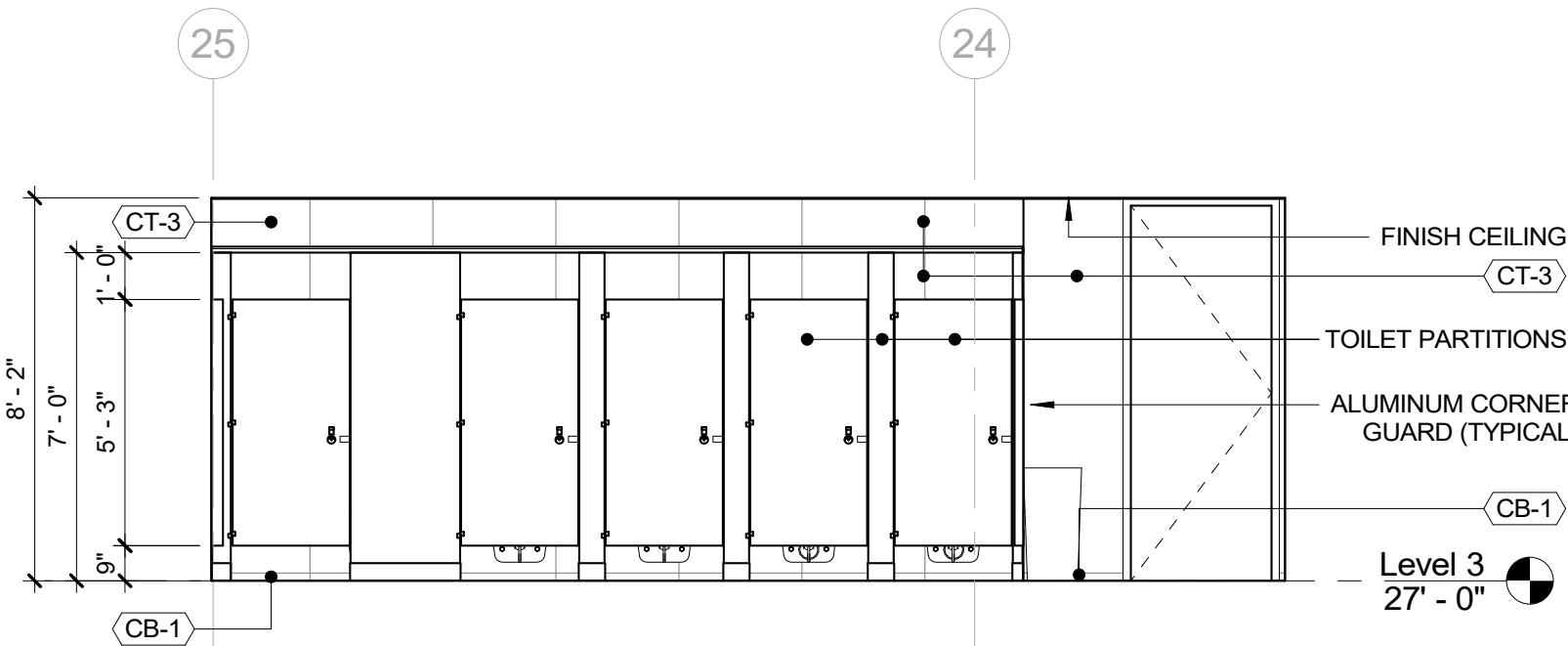
9 ELEVATION - PUBLIC RESTROOMS MALE E
1/4" = 1'-0"



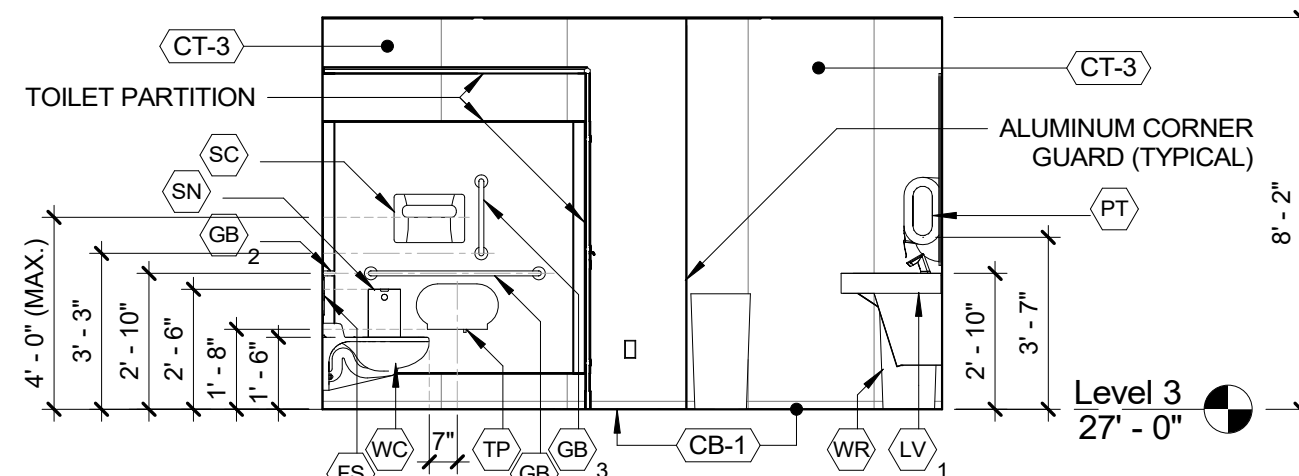
10 ELEVATION - PUBLIC RESTROOMS FEMALE A
1/4" = 1'-0"



11 ELEVATION - PUBLIC RESTROOMS FEMALE B
1/4" = 1'-0"

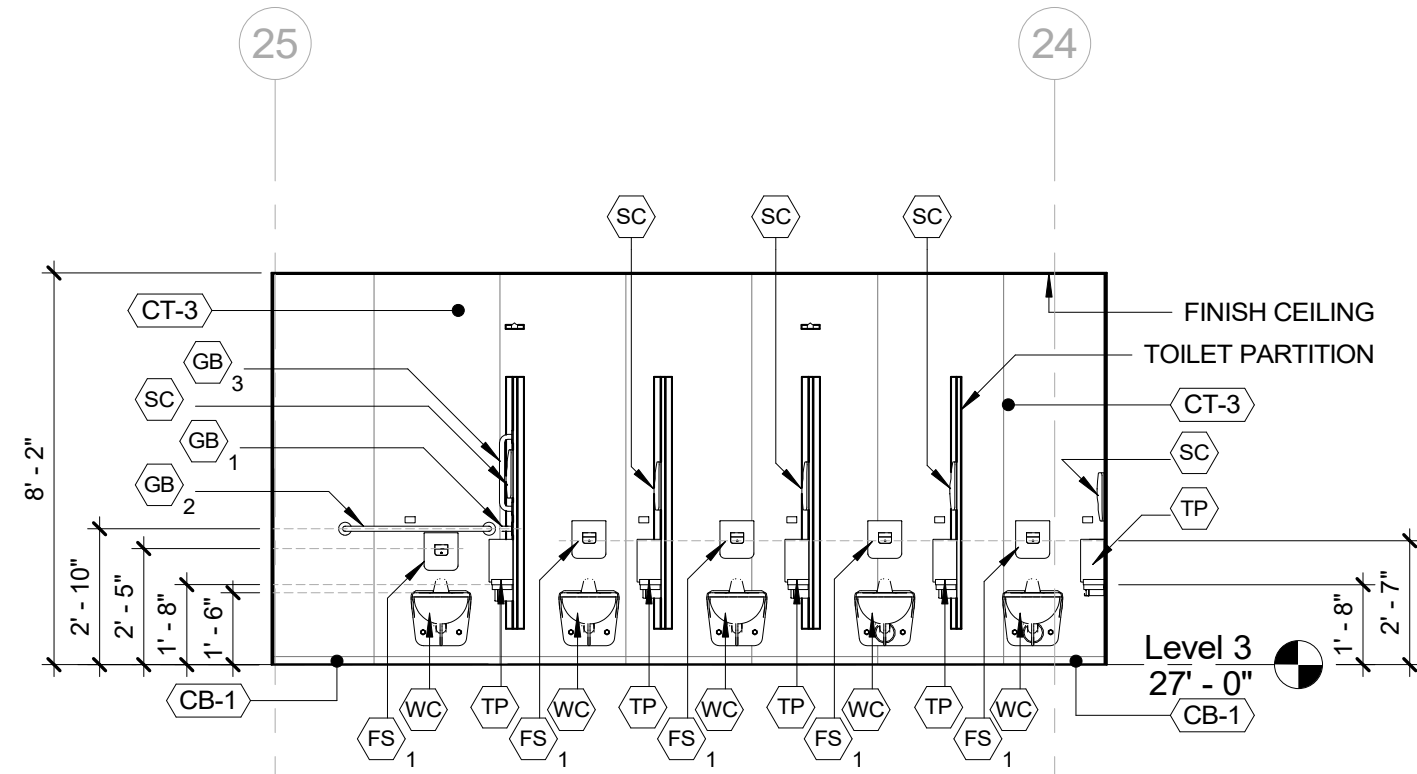


12 ELEVATION - PUBLIC RESTROOMS FEMALE C
1/4" = 1'-0"

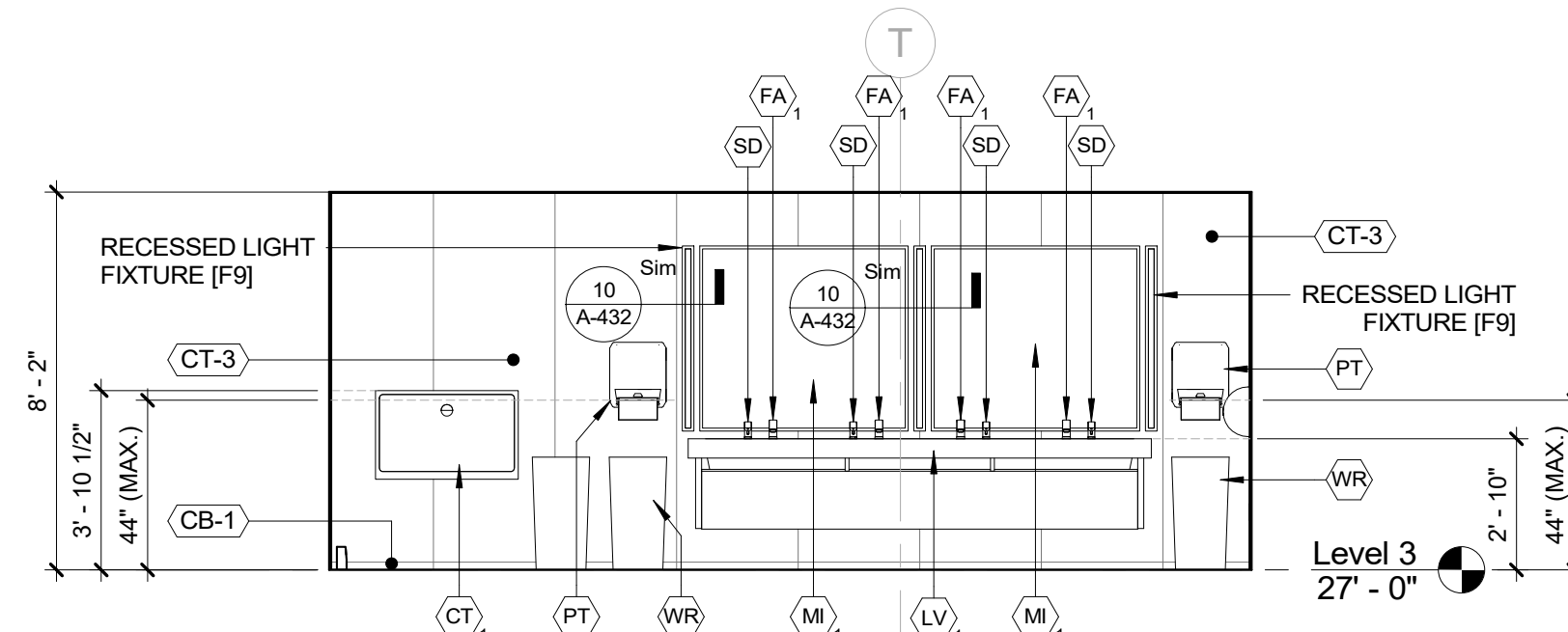


13 ELEVATION - PUBLIC RESTROOMS FEMALE D
1/4" = 1'-0"

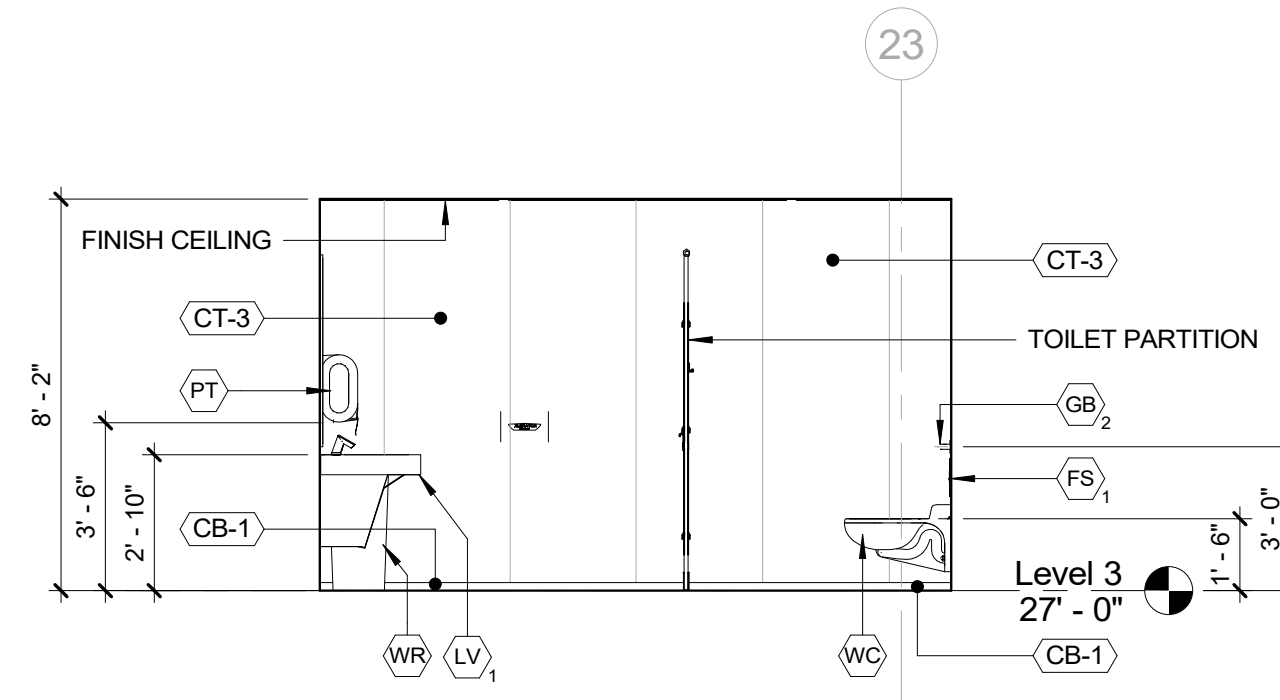
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		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 46 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: 1/4" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021 Issue Date	
WHITE PLAINS, NEW YORK		DPW FILE NO. REV NO. 0	
WET ROOMS ELEVATIONS		52-01-A-490	



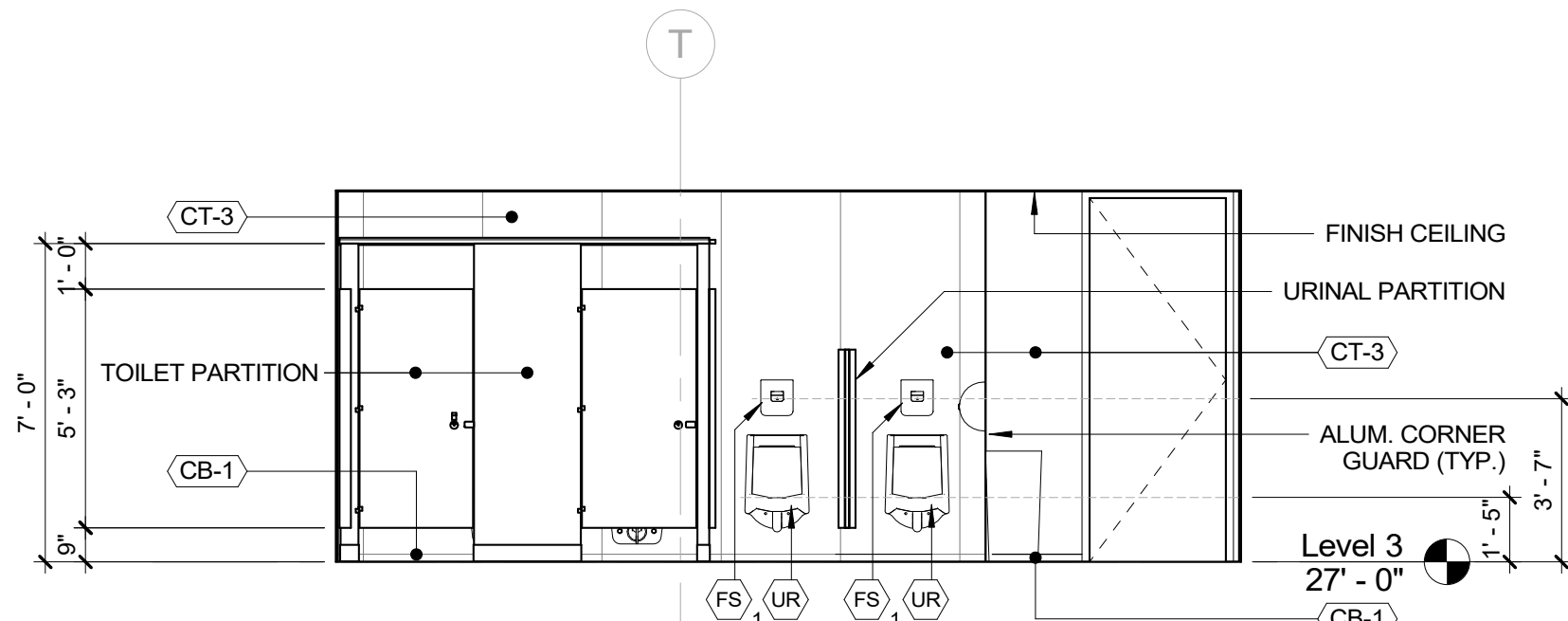
1 ELEVATION - PUBLIC RESTROOMS FEMALE E
1/4" = 1'-0"



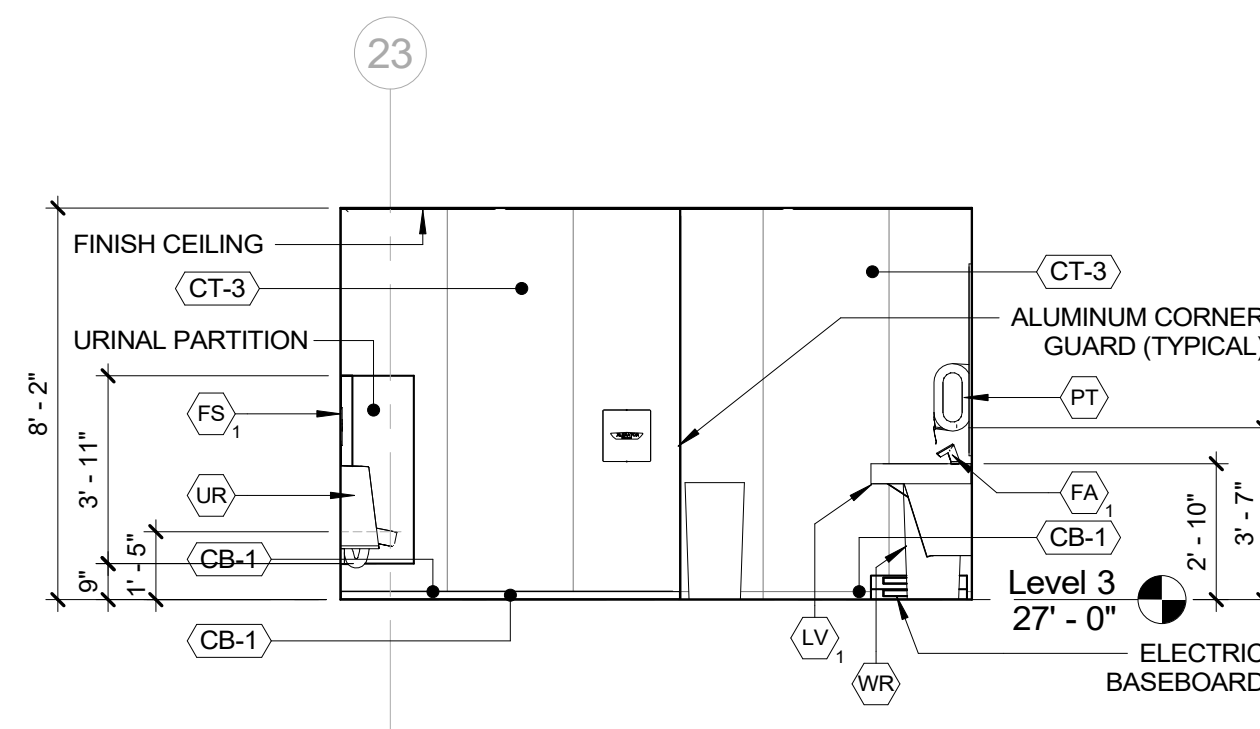
2 ELEVATION - STAFF RESTROOMS MALE A
1/4" = 1'-0"



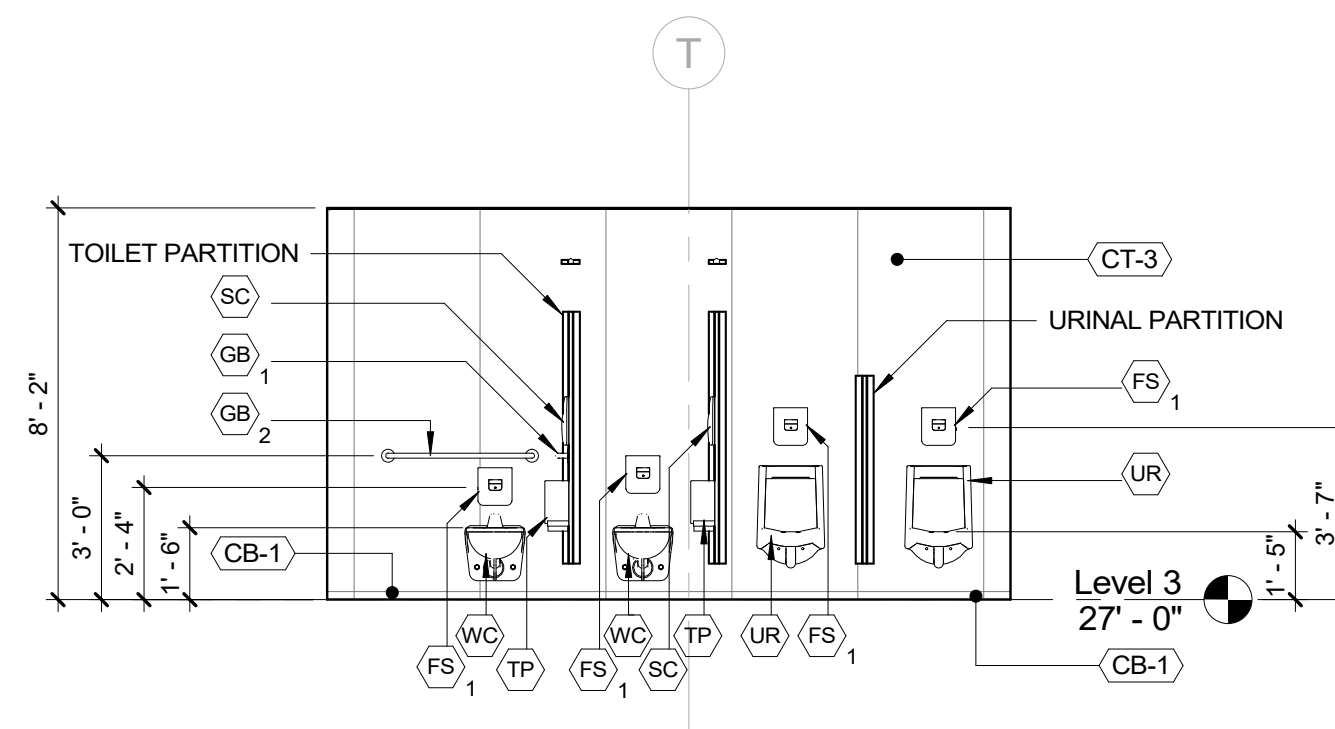
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1/4" = 1'-0"



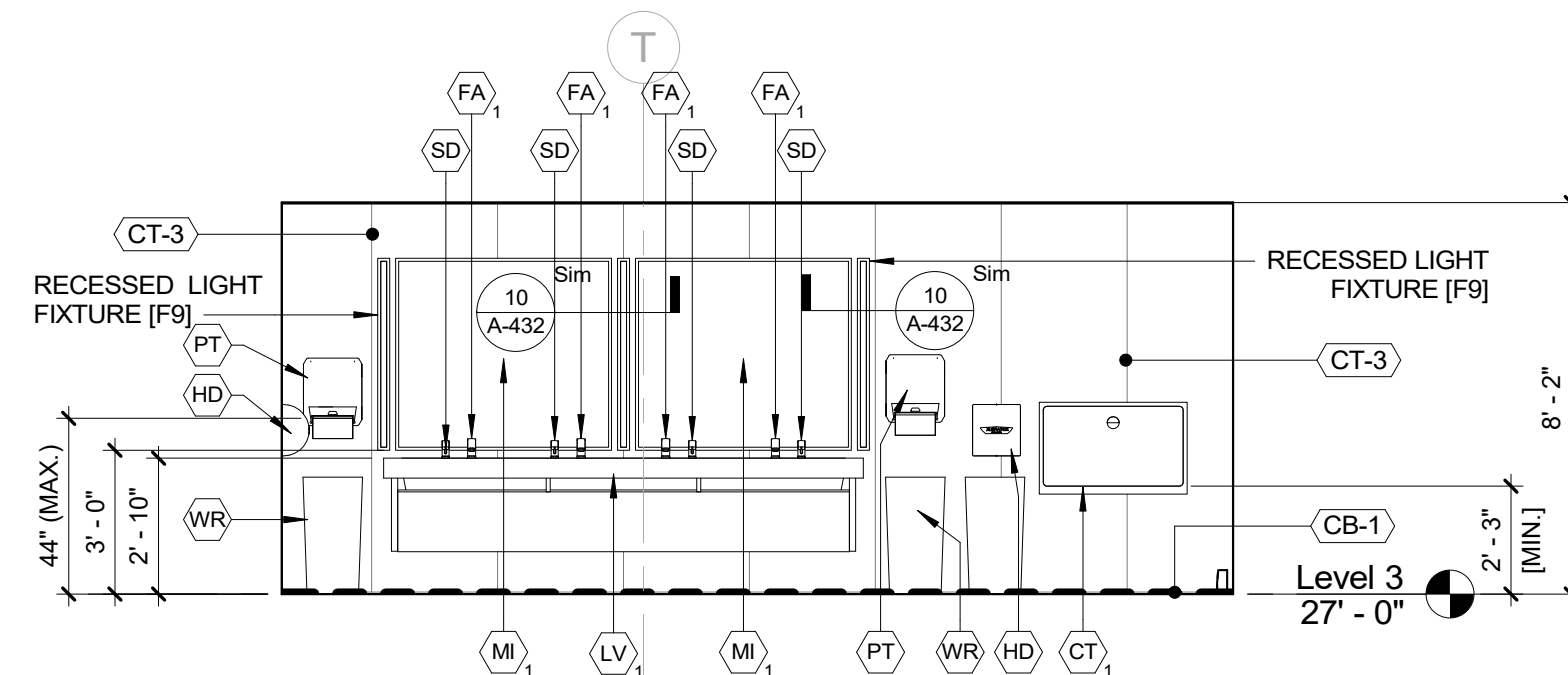
4 ELEVATION - STAFF RESTROOMS MALE C
1/4" = 1'-0"



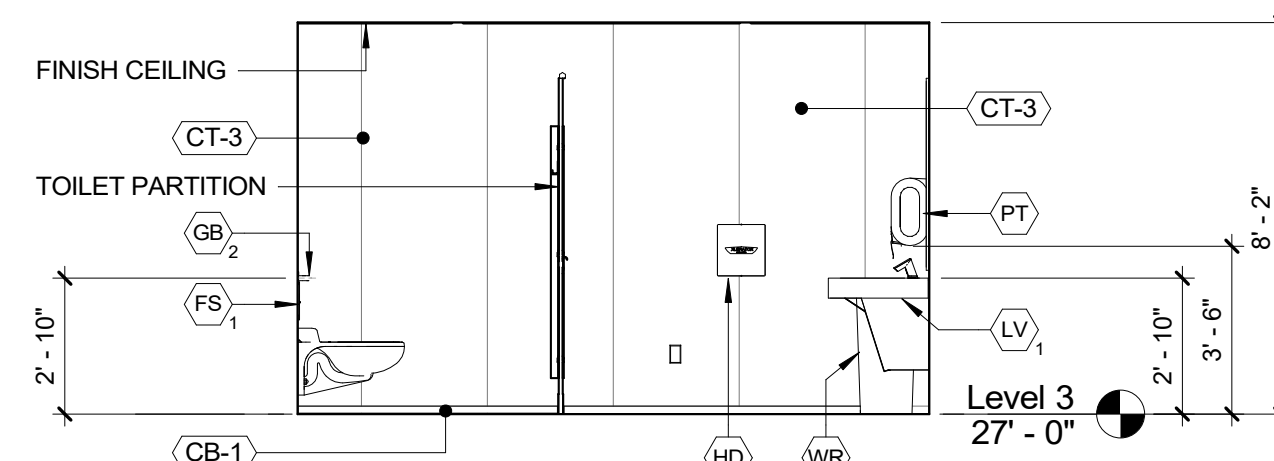
5 ELEVATION - STAFF RESTROOMS MALE D
1/4" = 1'-0"



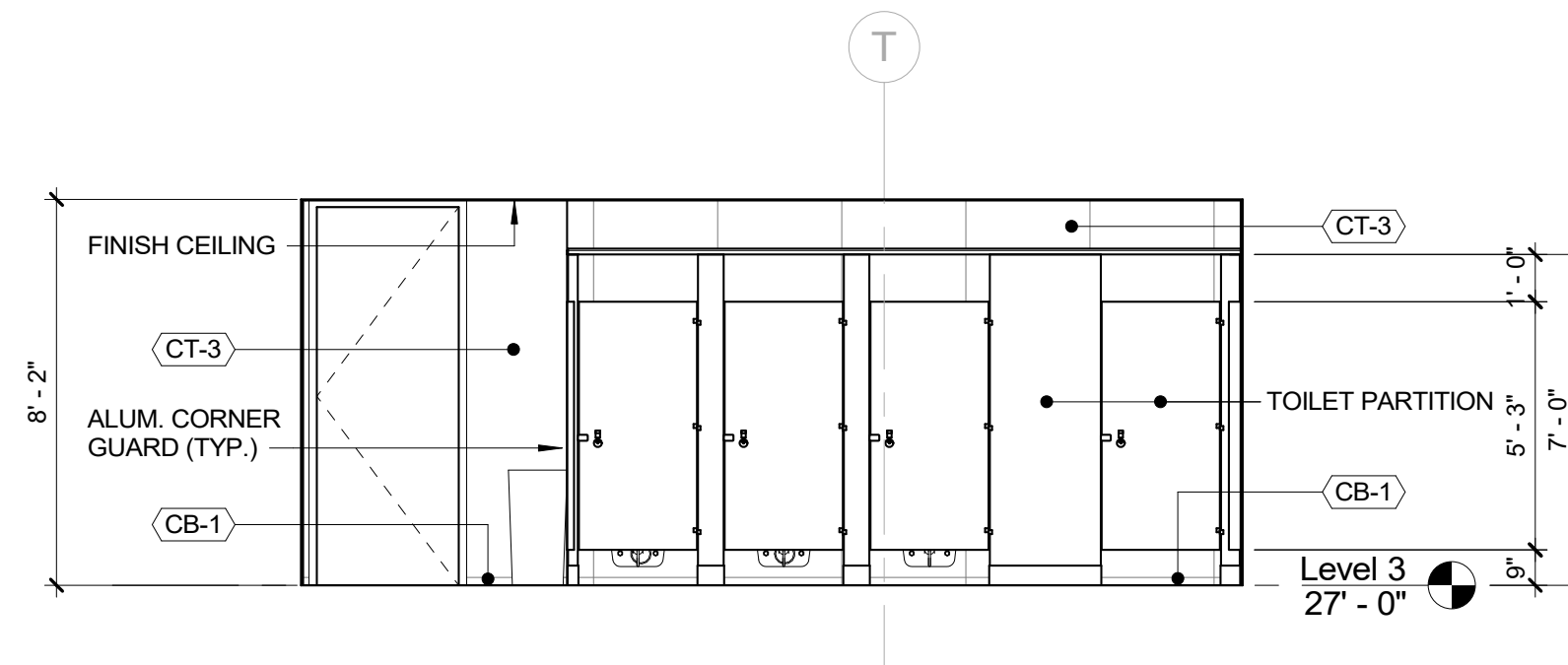
6 ELEVATION - STAFF RESTROOMS MALE E
1/4" = 1'-0"



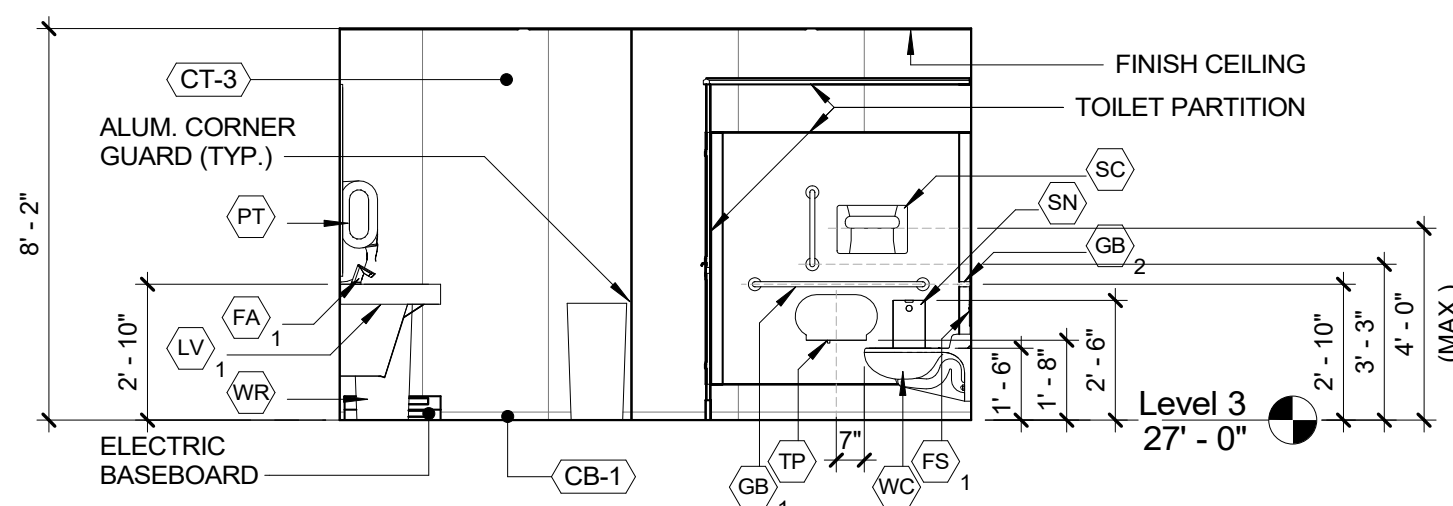
7 ELEVATION - STAFF RESTROOMS FEMALE A
1/4" = 1'-0"



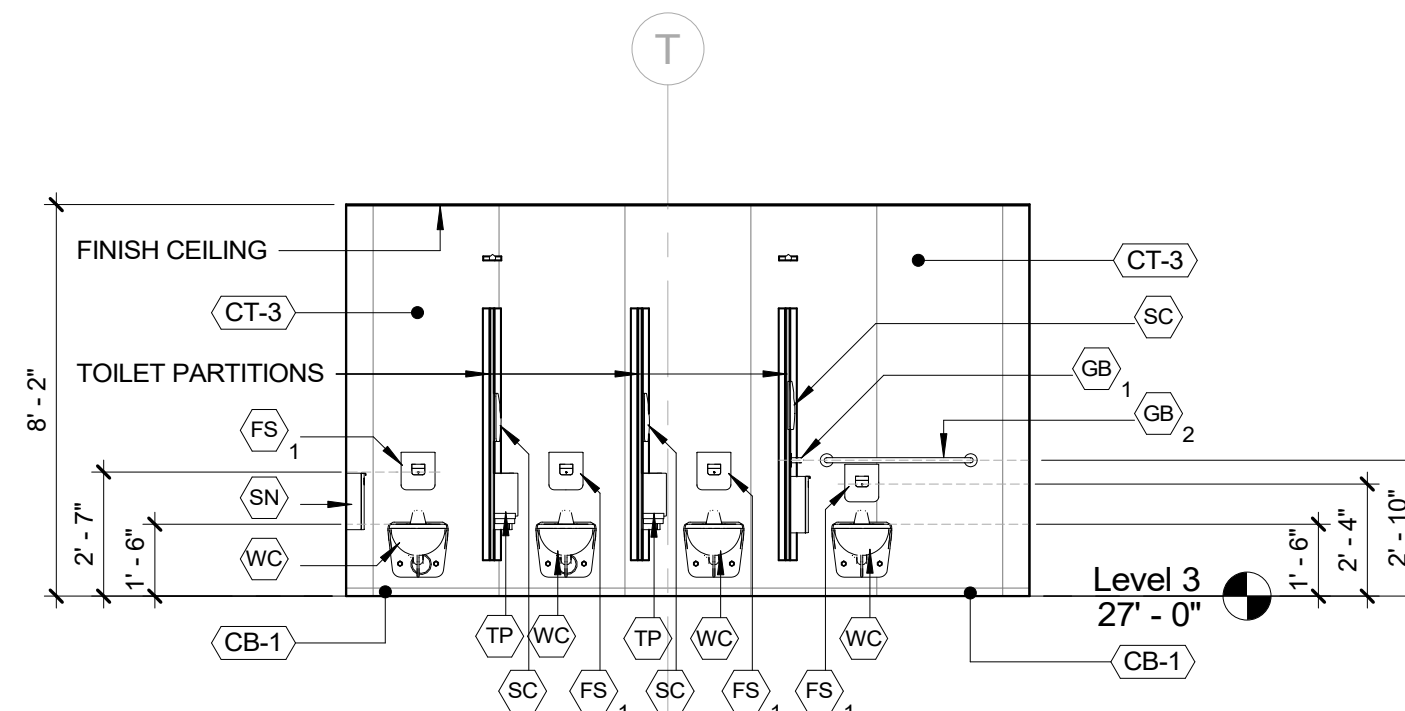
8 ELEVATION - STAFF RESTROOMS FEMALE B
1/4" = 1'-0"



9 ELEVATION - STAFF RESTROOMS FEMALE C
1/4" = 1'-0"

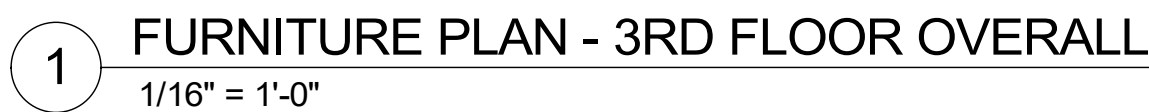


10 ELEVATION - SR FEMALE D
1/4" = 1'-0"

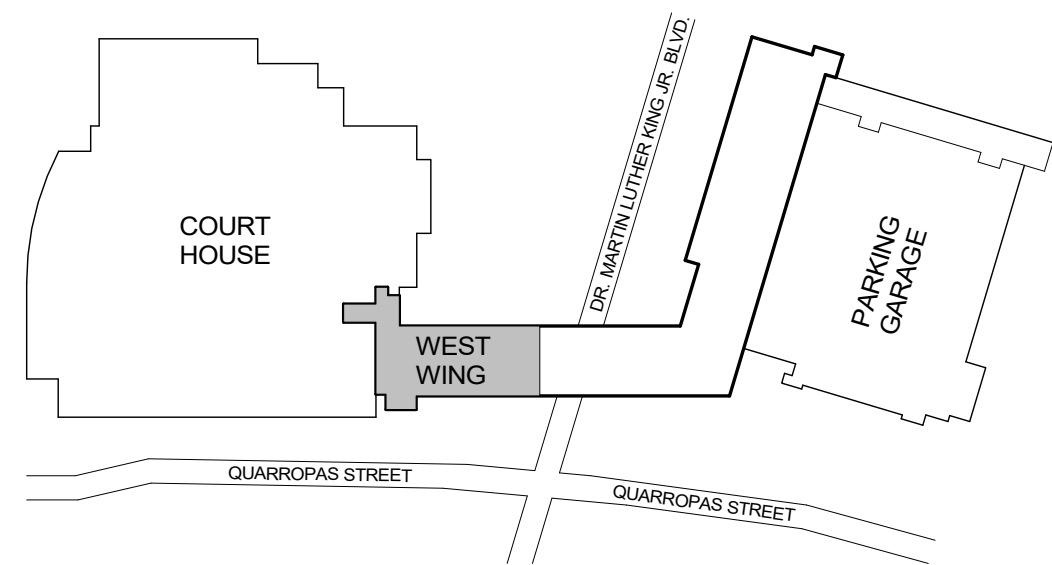


11 ELEVATION - SR FEMALE E
1/4" = 1'-0"

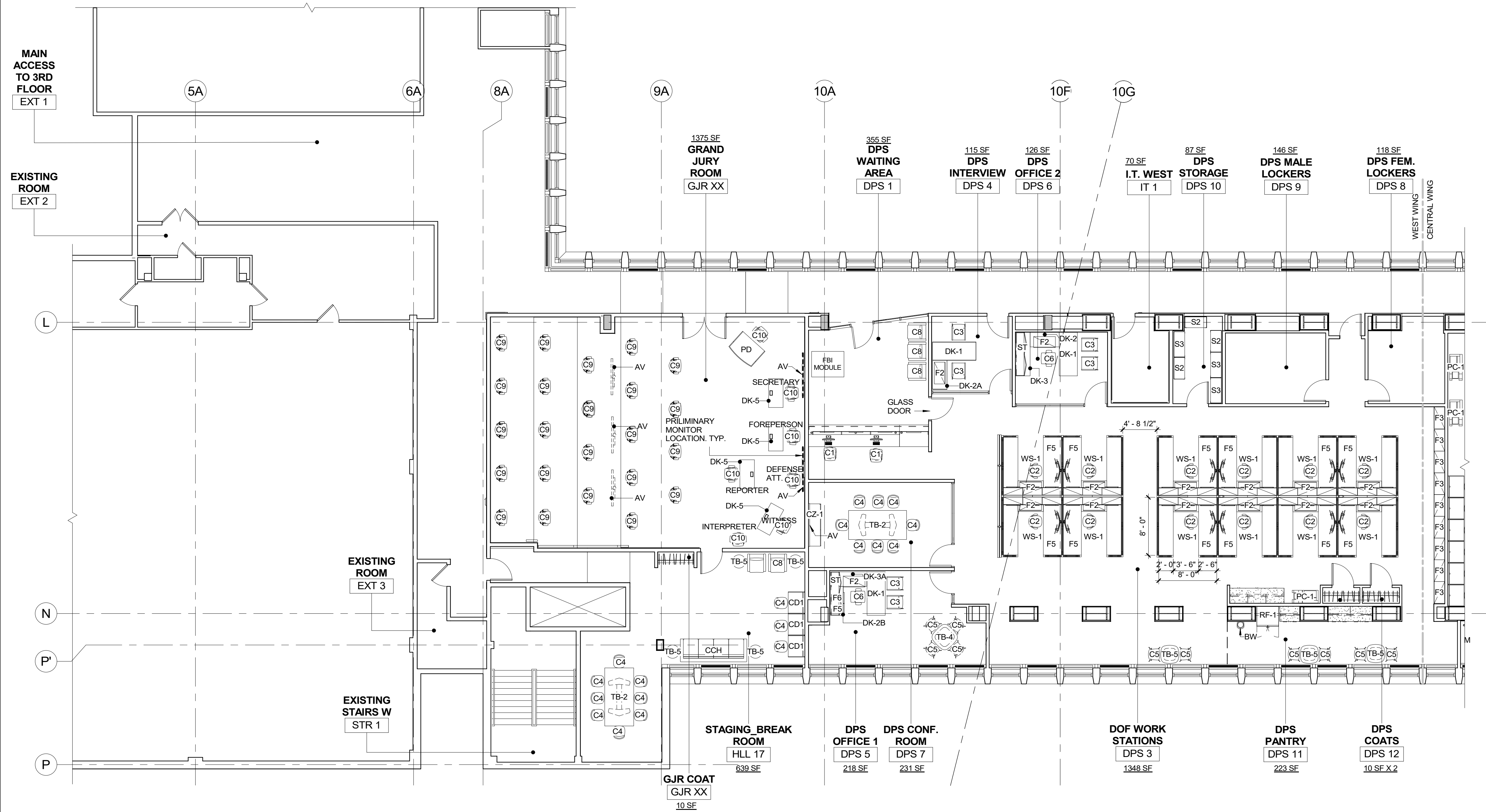
CONSULTANT SEAL 		CONSULTANT INFORMATION Graff & Lewent Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER DATE MADE BY APP'D BY REVISION			
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		CONTRACT NUMBER 19-514	SHEET NUMBER A-144 OF 106
SCALE: 1/4" = 1'-0" DATE: May 20, 2021 DPW FILE NO. 52-01-A-491		Issue Date REV NO. 0	5/18/2021 1:35:57 PM



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K KEY PLAN
N.T.S.

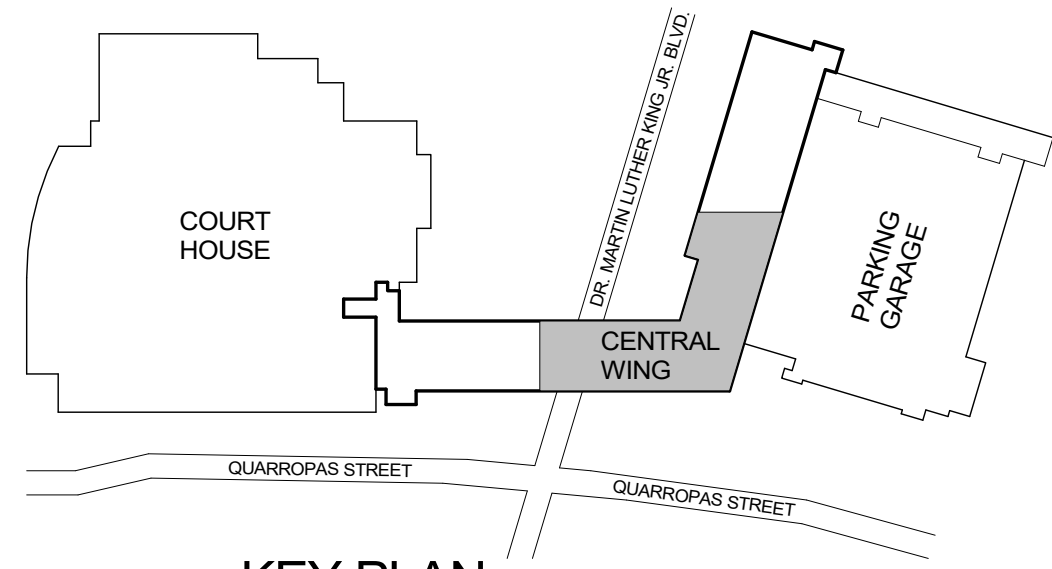


1 FURNITURE PLAN - 3RD FLOOR WEST WING
1/8" = 1'-0"

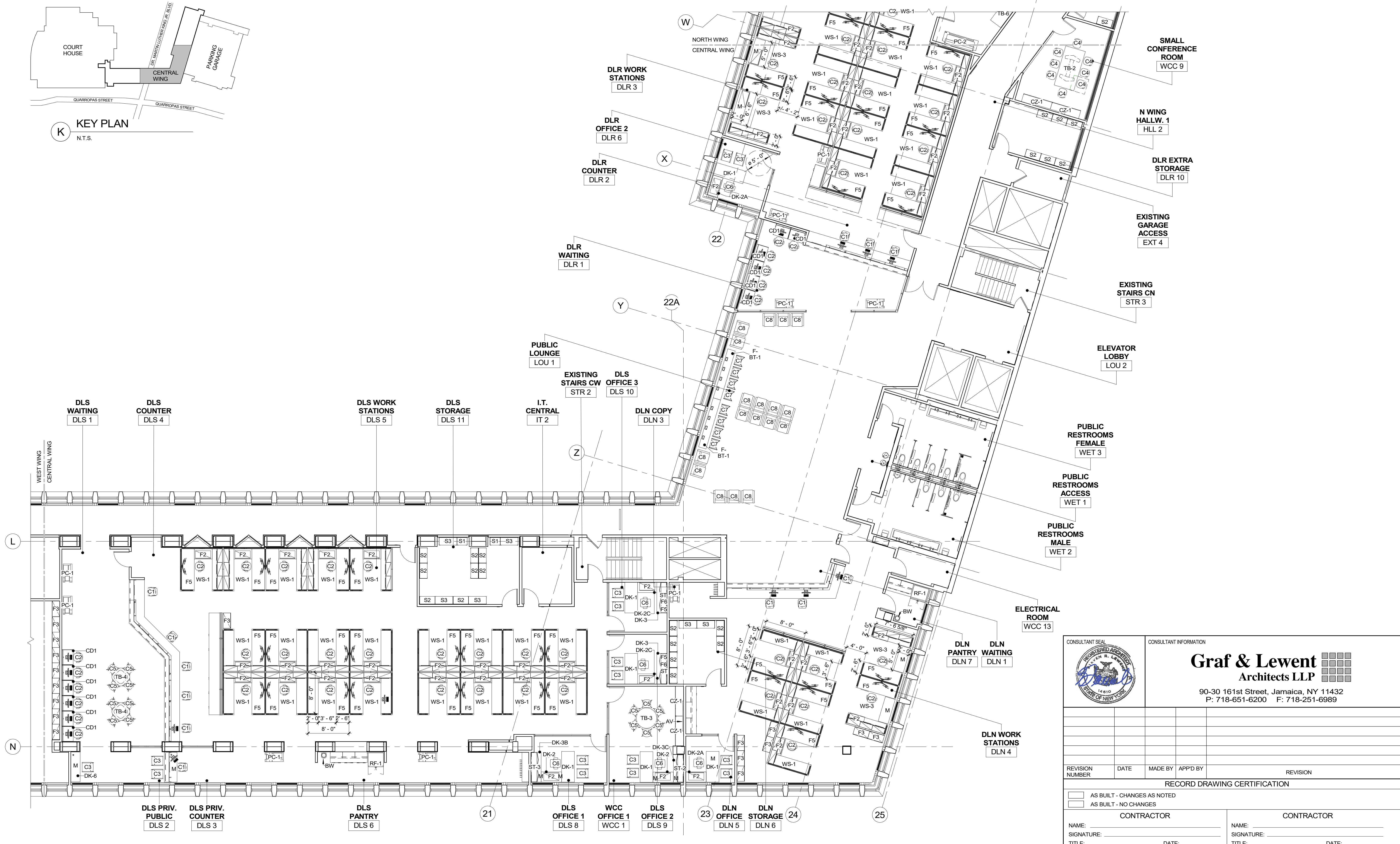


		CONSULTANT INFORMATION	
		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APP'D BY
REVISION			
RECORD DRAWING CERTIFICATION			
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	
DIVISION OF ENGINEERING		SHEET NO. 49 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/8" = 1'-0" DATE: May 20, 2021 DPW FILE NO. 52-01-A-493	
FURNITURE PLAN - 3RD FLOOR WEST WING		SHEET NUMBER A-152 REV NO. 0	

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K KEY PLAN
N.T.S.

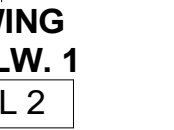
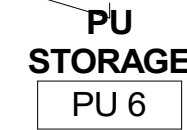
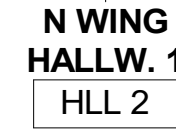
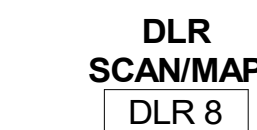
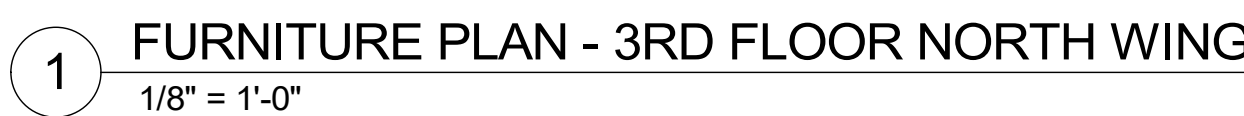


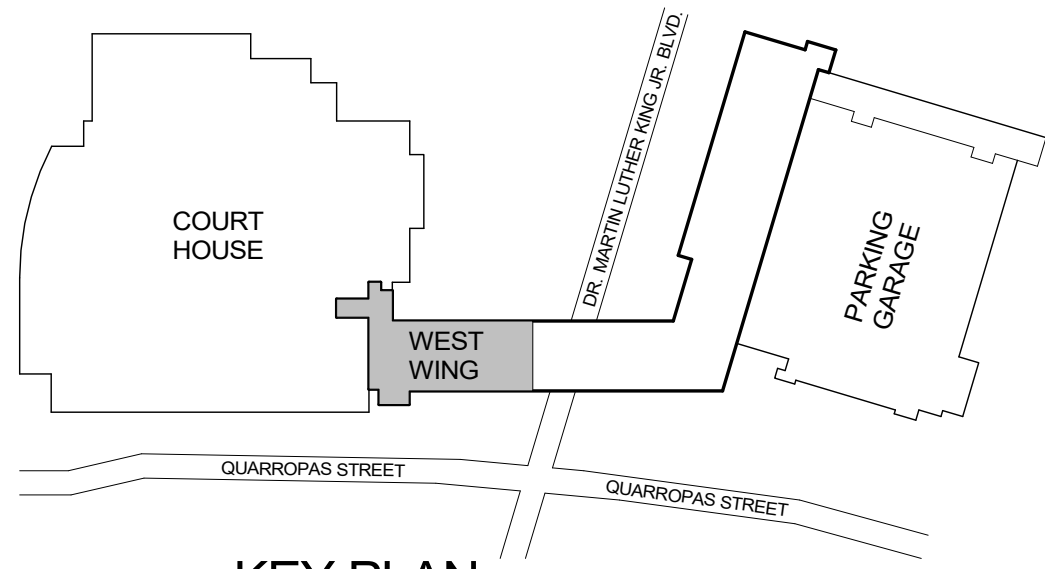
1 FURNITURE PLAN - 3RD FLOOR CENTRAL WING
1/8" = 1'-0"



		CONSULTANT INFORMATION	
		CONSULTANT INFORMATION	
NAME: Graf & Lewent ARCHITECTS LLP		NAME: _____	
90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989		DATE: _____	
REVISION NUMBER		REVISION	
DATE		DATE	
MADE BY		APP'D BY	
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	
DIVISION OF ENGINEERING		SHEET NO. 50 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/8" = 1'-0"	
FURNITURE PLAN - 3RD FLOOR CENTRAL WING		DATE: May 20, 2021 Issue Date	
		DPW FILE NO. 52-01-A-494	
		REV NO. 0	

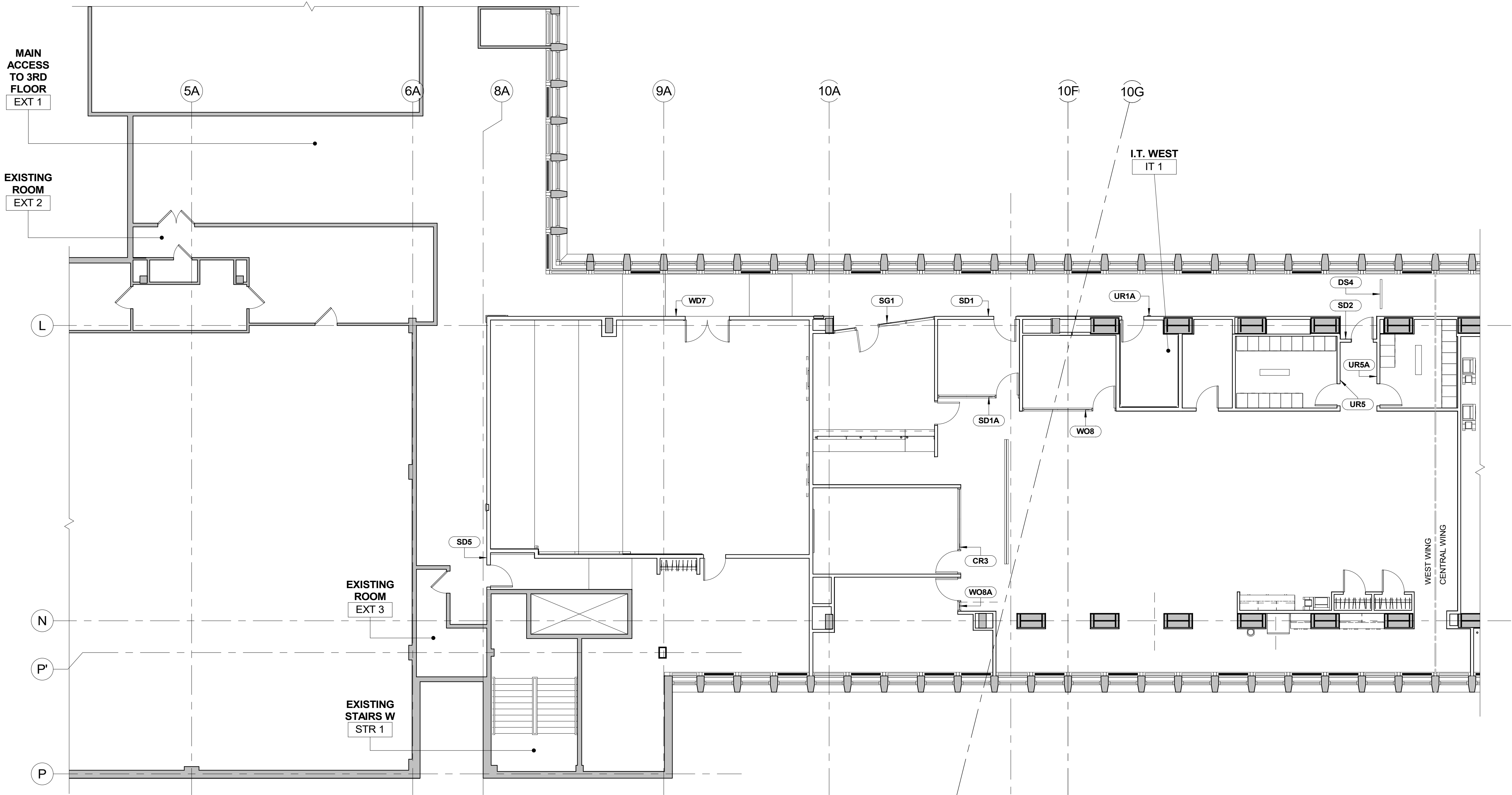
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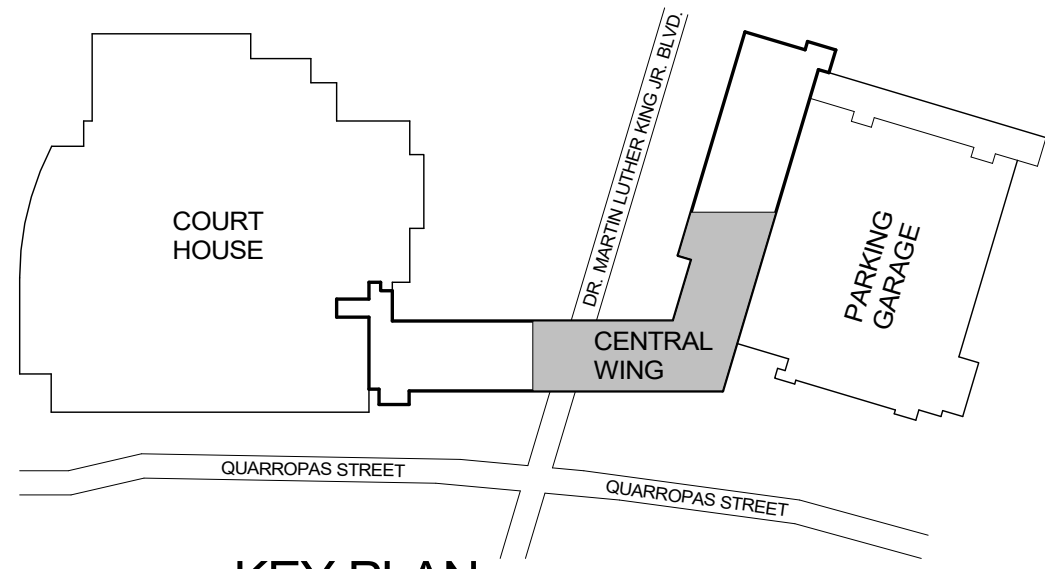
K KEY PLAN
N.T.S.

SIGNAGE PLAN LEGEND	
SYMBOL	DESCRIPTION
CR#	CONFERENCE ROOMS SIGNS
DIR	DIRECTORY
DS#	DIRECTIONAL SIGNS
PR#	PUBLIC RESTROOM WALL SIGNS
PR#A	PUBLIC RESTROOM DOOR SIGNS
SD#	SERVICE DOOR SIGNS
SG#	DEPARMENT SIGNS ON GLASS
SR#	STAFF RESTROOM WALL SIGNS
SR#A	STAFF RESTROOM DOOR SIGNS
UR#	UTILITY ROOM SIGNS
WD#	DEPARMENT SIGNS ON WALL
WO#	OFFICE / ROOM SIGNS



1 SIGNAGE PLAN - 3RD FLOOR WEST WING
1/8" = 1'-0"

		CONSULTANT INFORMATION	
		Graff & 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
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 52 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: 1/8" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021	
WHITE PLAINS, NEW YORK		Issue Date	
SIGNAGE PLAN - 3RD FLOOR WEST WING		DPW FILE NO. 52-01-A-496	
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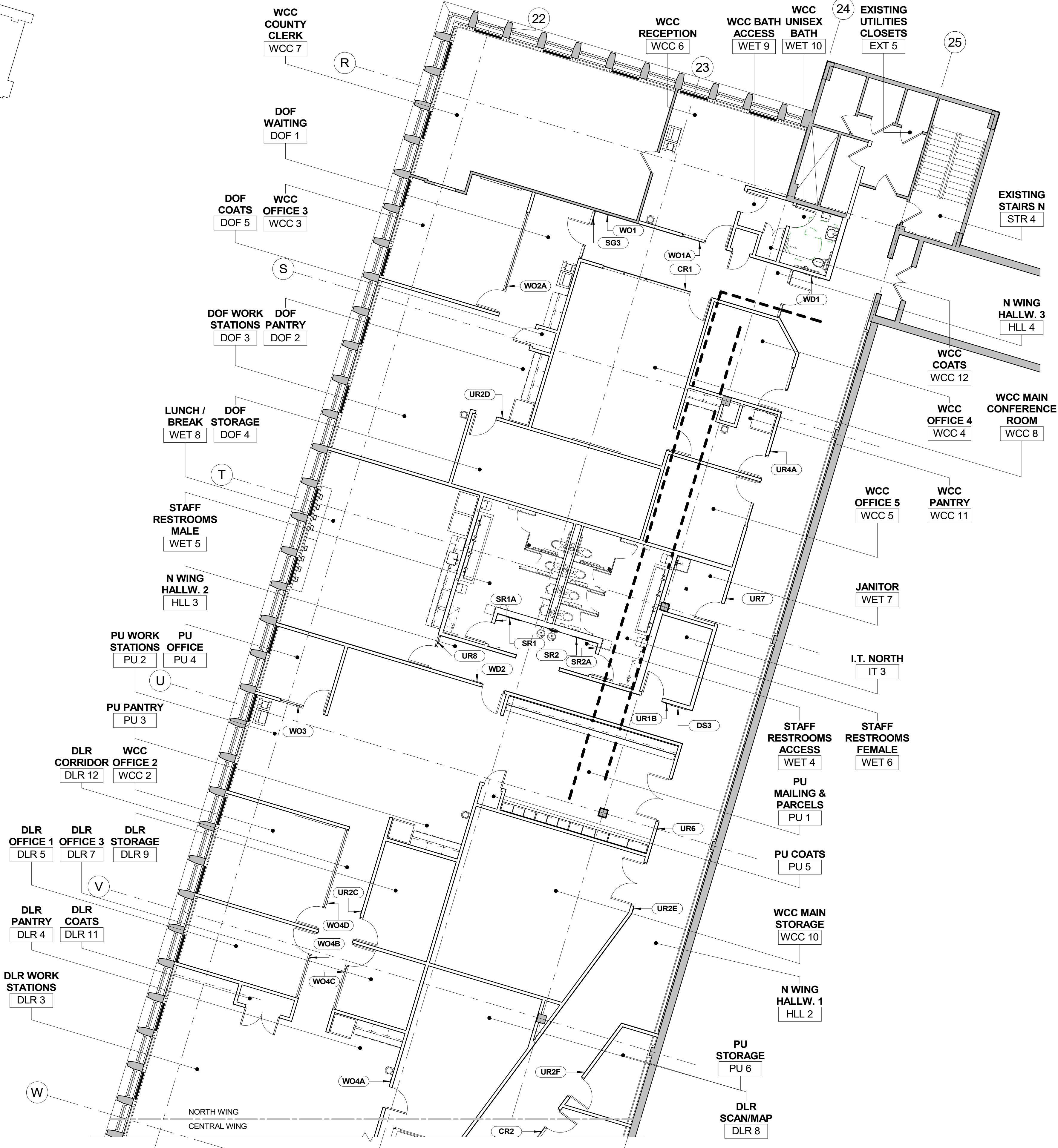
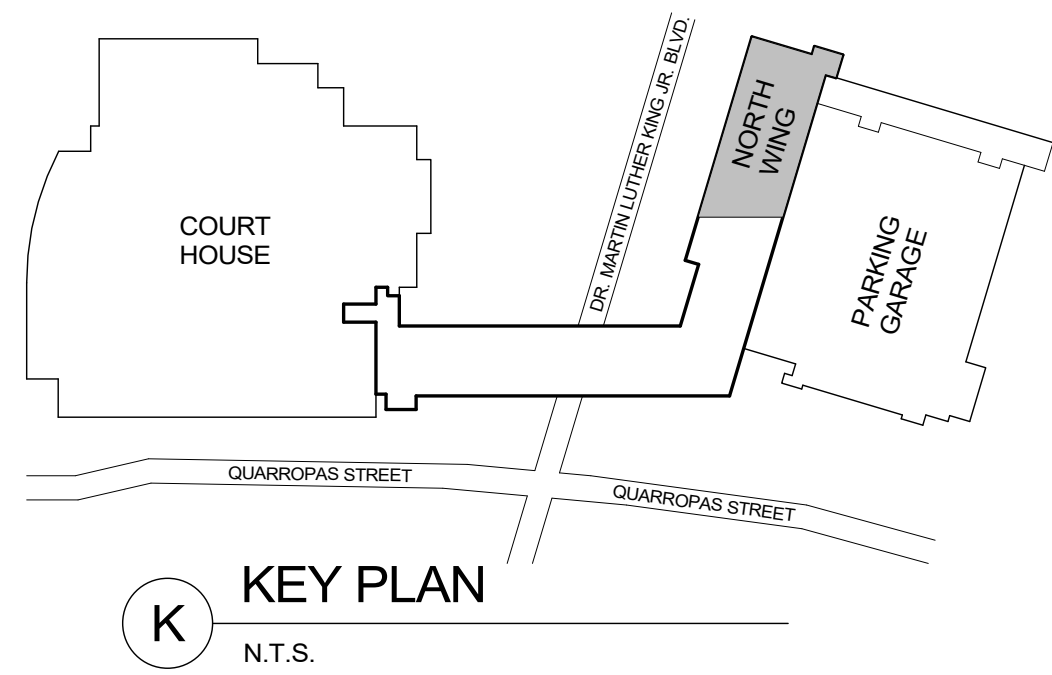
K KEY PLAN
N.T.S.



SIGNAGE PLAN LEGEND	
SYMBOL	DESCRIPTION
CR#	CONFERENCE ROOMS SIGNS
DIR	DIRECTORY
DS#	DIRECTIONAL SIGNS
PR#	PUBLIC RESTROOM WALL SIGNS
PR#A	PUBLIC RESTROOM DOOR SIGNS
SD#	SERVICE DOOR SIGNS
SG#	DEPARTMENT SIGNS ON GLASS
SR#	STAFF RESTROOM WALL SIGNS
SR#A	STAFF RESTROOM DOOR SIGNS
UR#	UTILITY ROOM SIGNS
WD#	DEPARTMENT SIGNS ON WALL
WO#	OFFICE / ROOM SIGNS

1 SIGNAGE PLAN - 3RD FLOOR CENTRAL WING
1/8" = 1'-0"

		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
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER A-162
DIVISION OF ENGINEERING		SHEET NO. 53	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/8" = 1'-0"	DATE: May 20, 2021
SIGNAGE PLAN - 3RD FLOOR CENTRAL WING		DPW FILE NO. 52-01-A-497	REV NO. 0



SIGNAGE PLAN LEGEND	
SYMBOL	DESCRIPTION
CR#	CONFERENCE ROOMS SIGNS
DIR	DIRECTORY
DS#	DIRECTIONAL SIGNS
PR#	PUBLIC RESTROOM WALL SIGNS
PR#A	PUBLIC RESTROOM DOOR SIGNS
SD#	SERVICE DOOR SIGNS
SG#	DEPARMENT SIGNS ON GLASS
SR#	STAFF RESTROOM WALL SIGNS
SR#A	STAFF RESTROOM DOOR SIGNS
UR#	UTILITY ROOM SIGNS
WD#	DEPARMENT SIGNS ON WALL
WO#	OFFICE / ROOM SIGNS

1 SIGNAGE PLAN - 3RD FLOOR NORTH WING
1/8" = 1'-0"



CONSULTANT SEAL

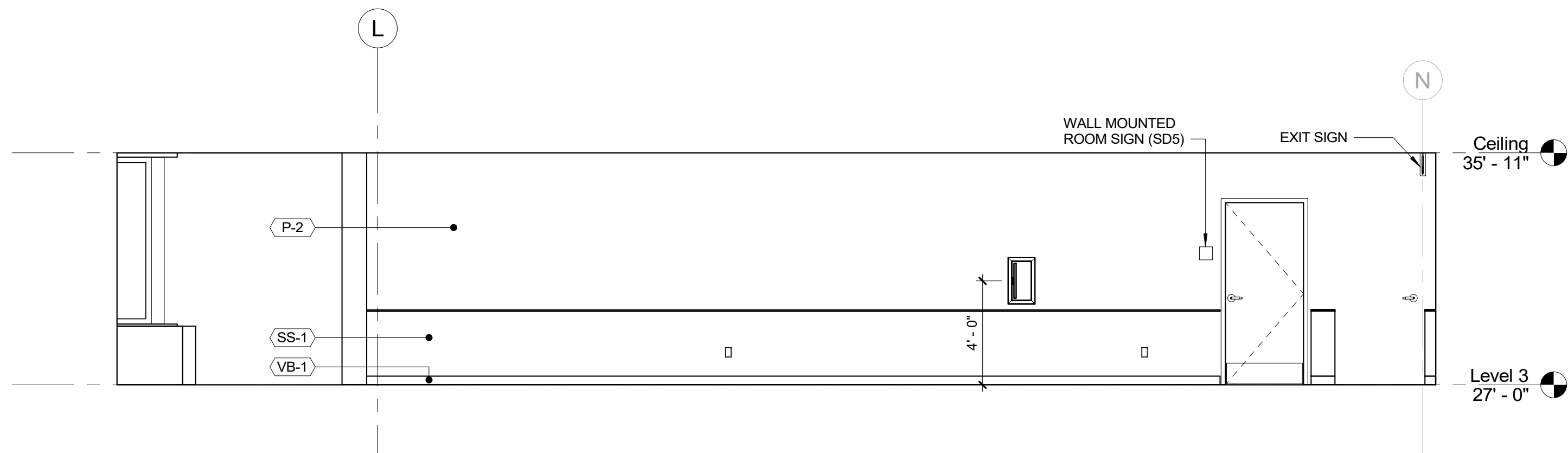
CONSULTANT INFORMATION

Graf & Lewent
Architects LLP

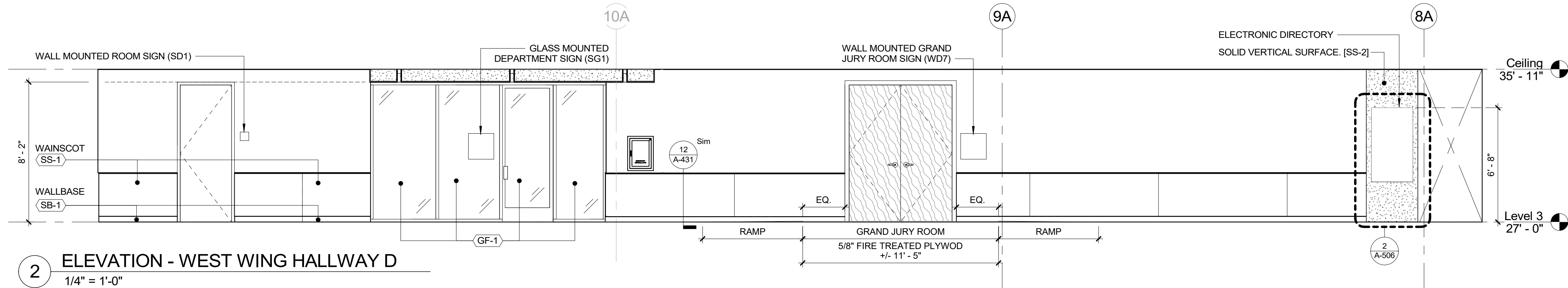
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P: 718-651-6200 F: 718-251-6989

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
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CONTRACTOR		CONTRACTOR		
NAME: _____		NAME: _____		
SIGNATURE: _____		SIGNATURE: _____		
TITLE: _____		TITLE: _____		
DATE: _____		DATE: _____		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION				CONTRACT NUMBER 19-514
DIVISION OF ENGINEERING				SHEET NO. 54 OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK				SCALE: 1/8" = 1'-0" DATE: May 20, 2021 Issue Date
SIGNAGE PLAN - 3RD FLOOR NORTH WING				DPW FILE NO. 52-01-A-498 REV NO. 0

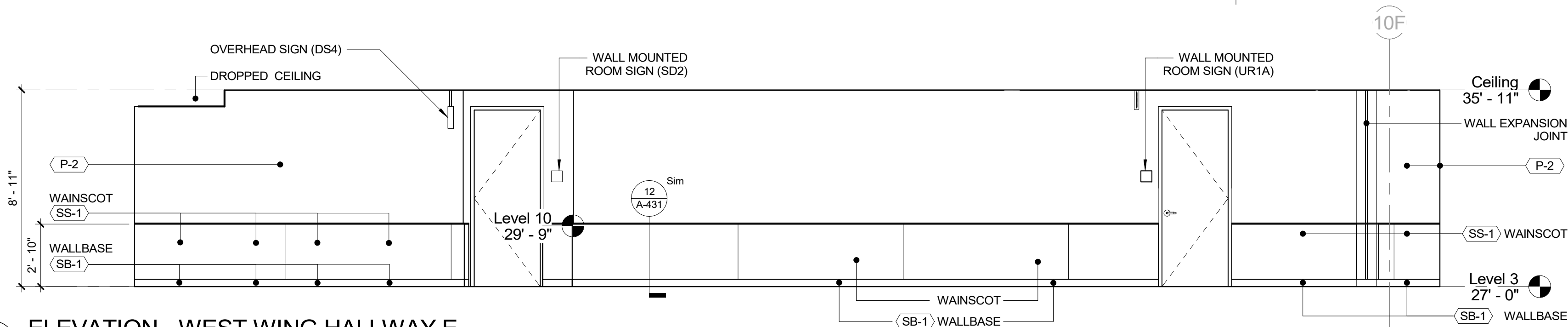
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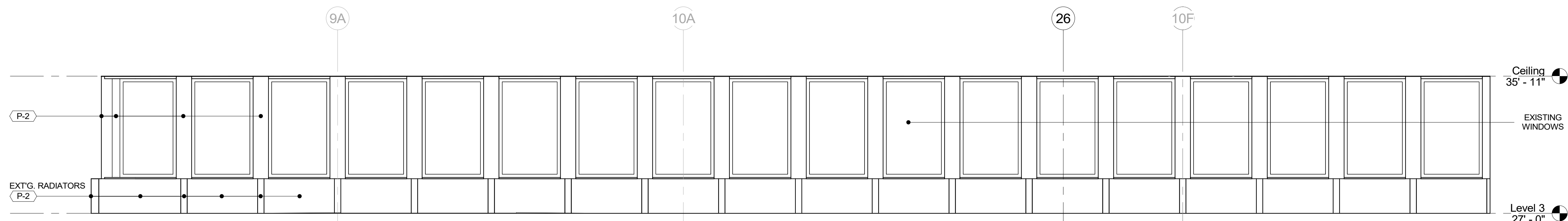
1 ELEVATION - WEST WING HALLWAY A
1/4" = 1'-0"



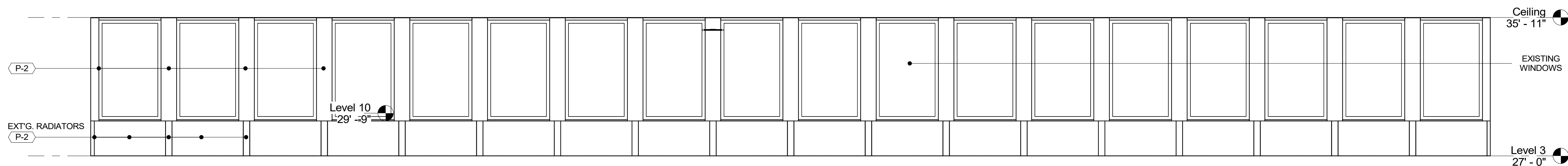
2 ELEVATION - WEST WING HALLWAY D
1/4" = 1'-0"



3 ELEVATION - WEST WING HALLWAY E
1/4" = 1'-0"



4 ELEVATION - WEST WING HALLWAY F
1/4" = 1'-0"



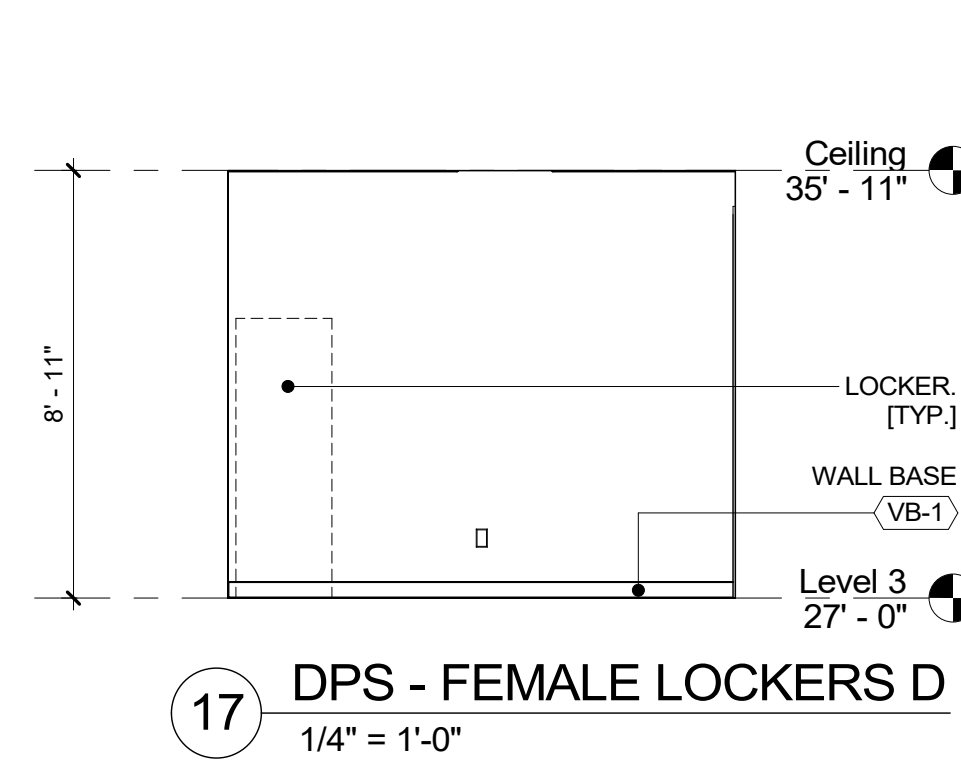
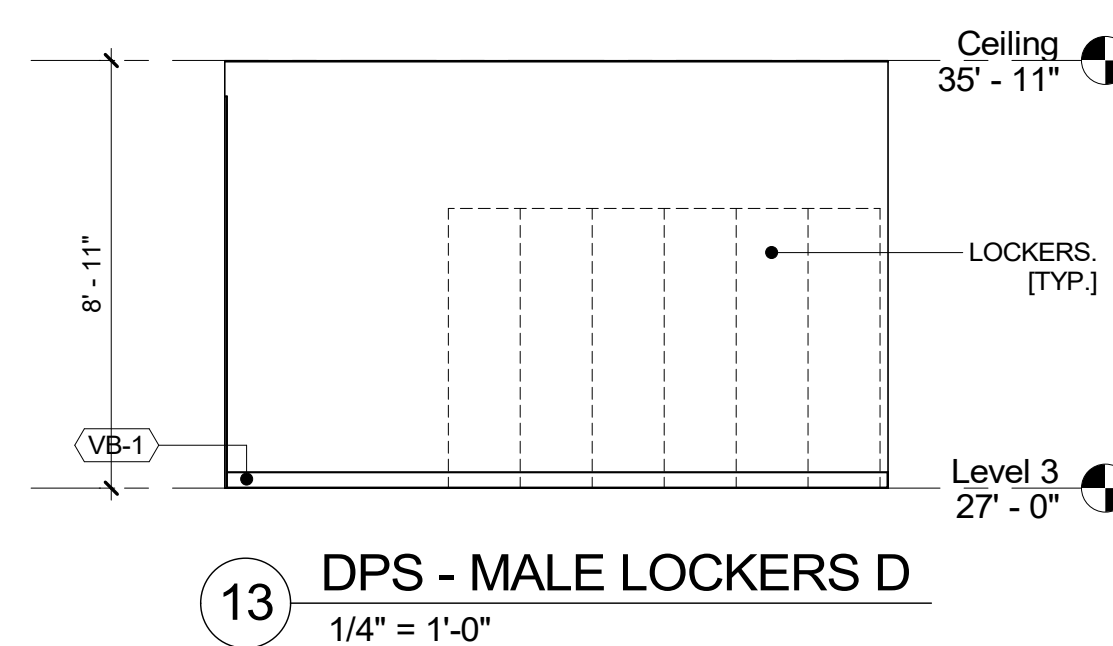
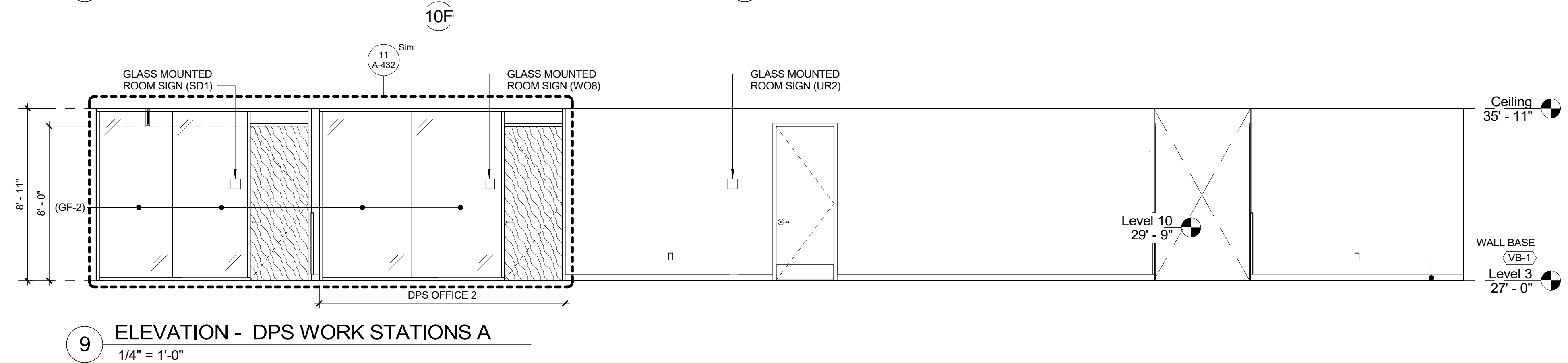
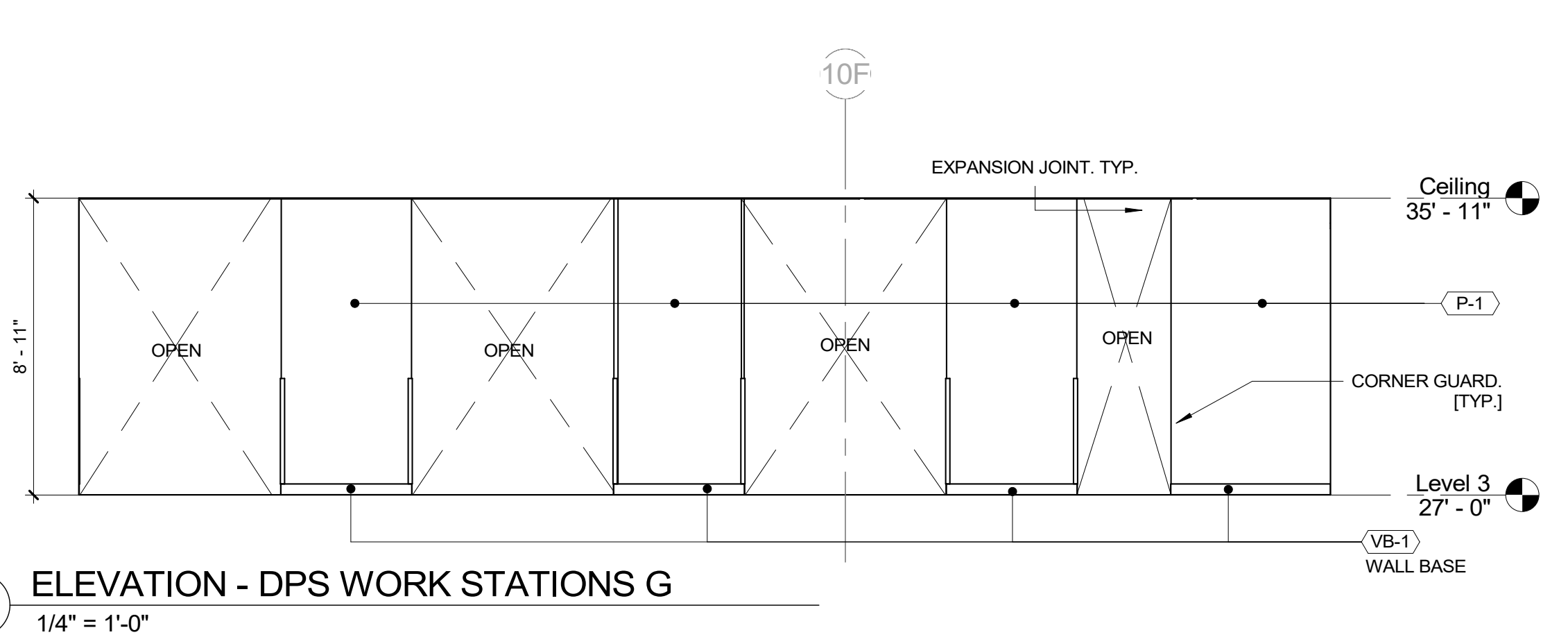
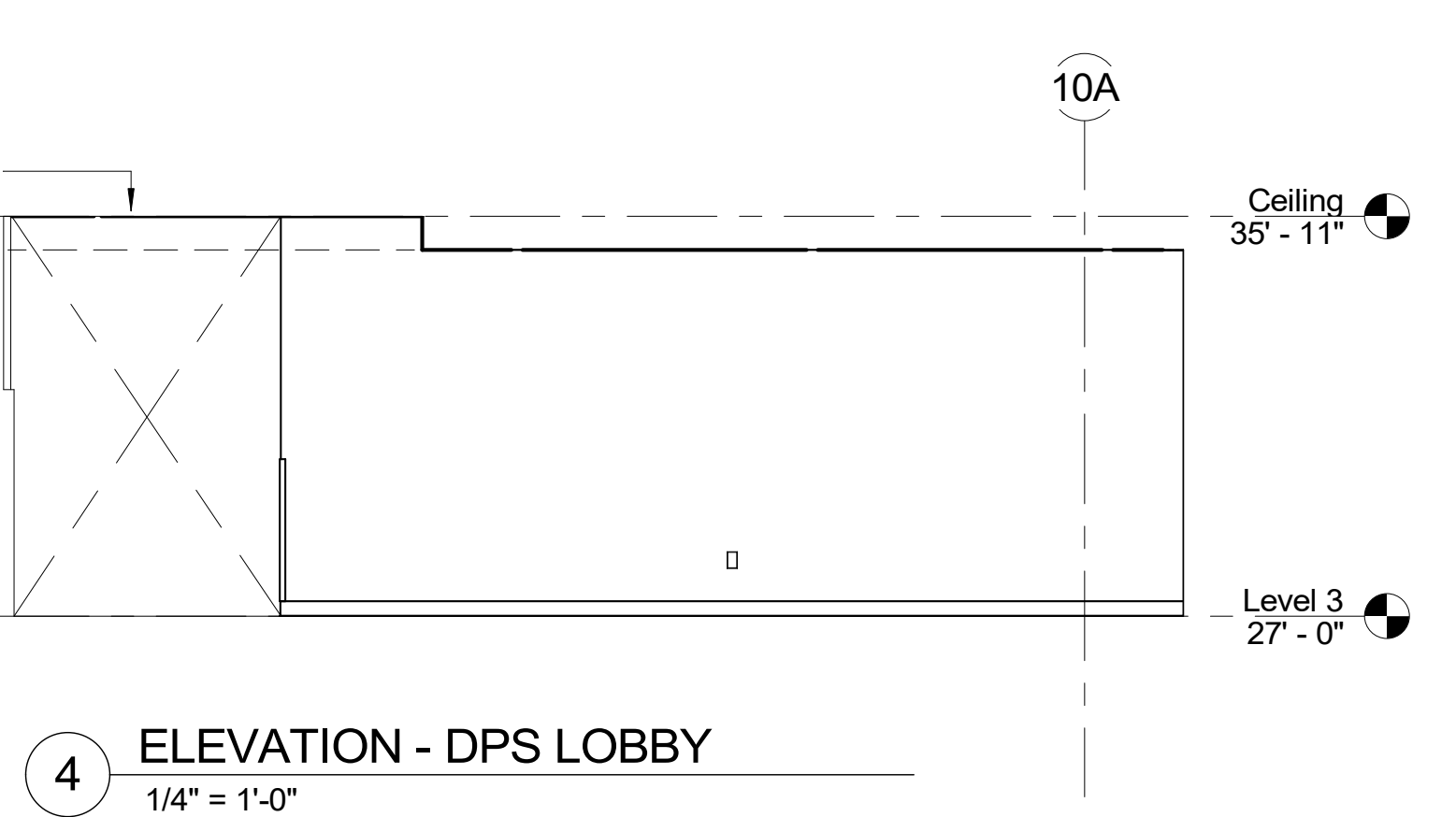
5 ELEVATION - WEST WING HALLWAY G
1/4" = 1'-0"

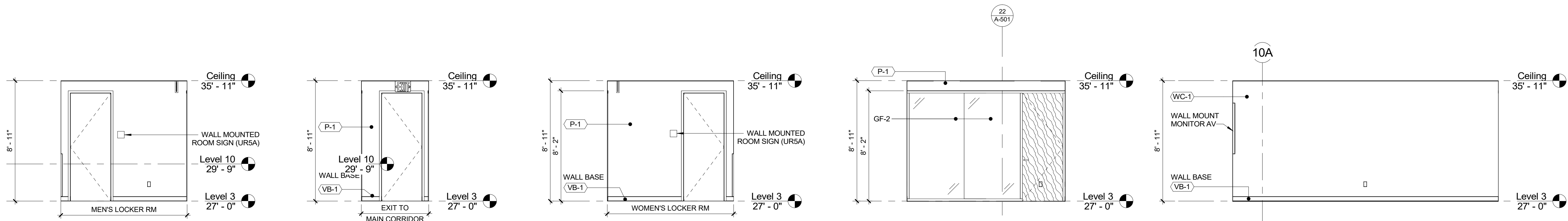
NOTE;
GF-1 = GLASS FRONT TYPE 1
GF-2 = GLASS FRONT TYPE 2

		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			
RECORD DRAWING CERTIFICATION			
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TITLE:		TITLE:	
DATE:		DATE:	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 55 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: 1/4" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021	
WHITE PLAINS, NEW YORK		Issue Date	
INTERIOR ELEVATIONS - WEST WING		DPW FILE NO. 52-01-A-499	
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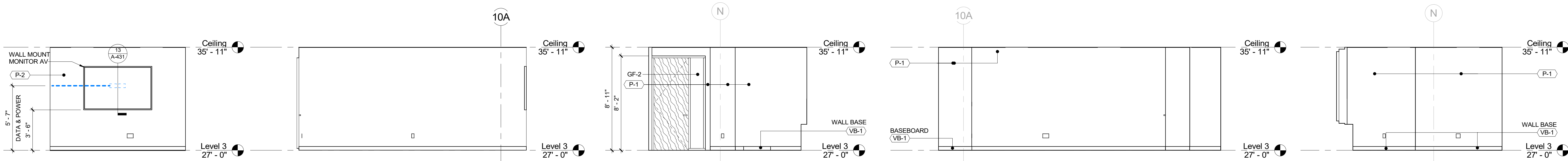
17 ELEVATION - DPS HALLWAY - A
1/4" = 1'-0"

18 ELEVATION - DPS HALLWAY - B
1/4" = 1'-0"

19 ELEVATION - DPS HALLWAY - C
1/4" = 1'-0"

1 ELEVATION - DPS CONF. ROOM EAST
1/4" = 1'-0"

2 ELEVATION - DPS CONF. ROOM NORTH
1/4" = 1'-0"



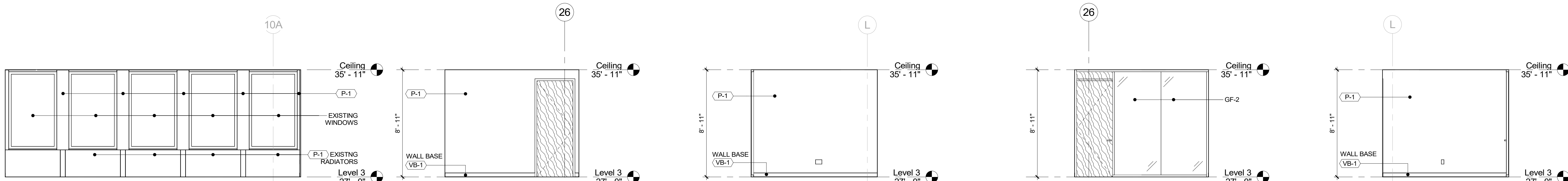
3 ELEVATION - DPS CONF. ROOM WEST
1/4" = 1'-0"

4 ELEVATION - DPS CONF. ROOM SOUTH
1/4" = 1'-0"

5 ELEVATION - DPS OFFICE 1 EAST
1/4" = 1'-0"

6 ELEVATION - DPS OFFICE 1 NORTH
1/4" = 1'-0"

7 ELEVATION - DPS OFFICE 1 WEST
1/4" = 1'-0"



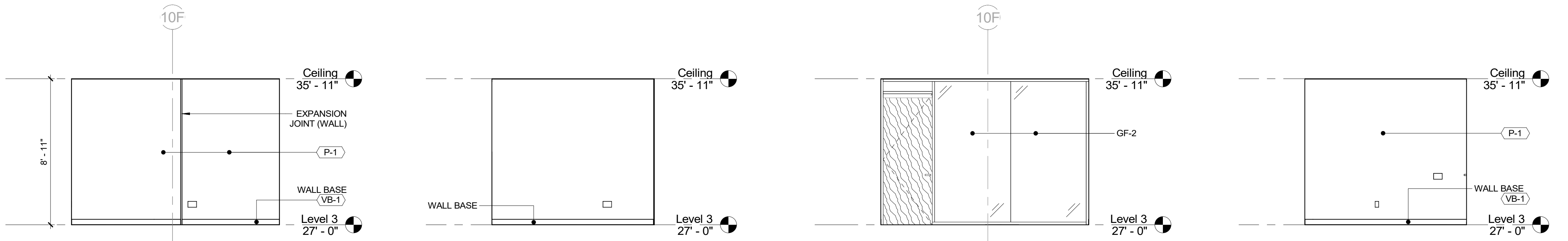
8 ELEVATION - DPS OFFICE 1 SOUTH
1/4" = 1'-0"

9 ELEVATION - DPS INTERVIEW RM NORTH
1/4" = 1'-0"

10 ELEVATION - DPS INTERVIEW RM WEST
1/4" = 1'-0"

11 ELEVATION - DPS INTERVIEW RM SOUTH
1/4" = 1'-0"

12 ELEVATION - DPS INTERVIEW RM EAST
1/4" = 1'-0"



13 ELEVATION - DPS OFFICE 2 NORTH
1/4" = 1'-0"

14 ELEVATION - DPS OFFICE 2 WEST
1/4" = 1'-0"

15 ELEVATION - DPS OFFICE 2 SOUTH
1/4" = 1'-0"

16 ELEVATION - DPS OFFICE 2 EAST
1/4" = 1'-0"

CONSULTANT INFORMATION

Graf & Lewent
Architects LLP

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

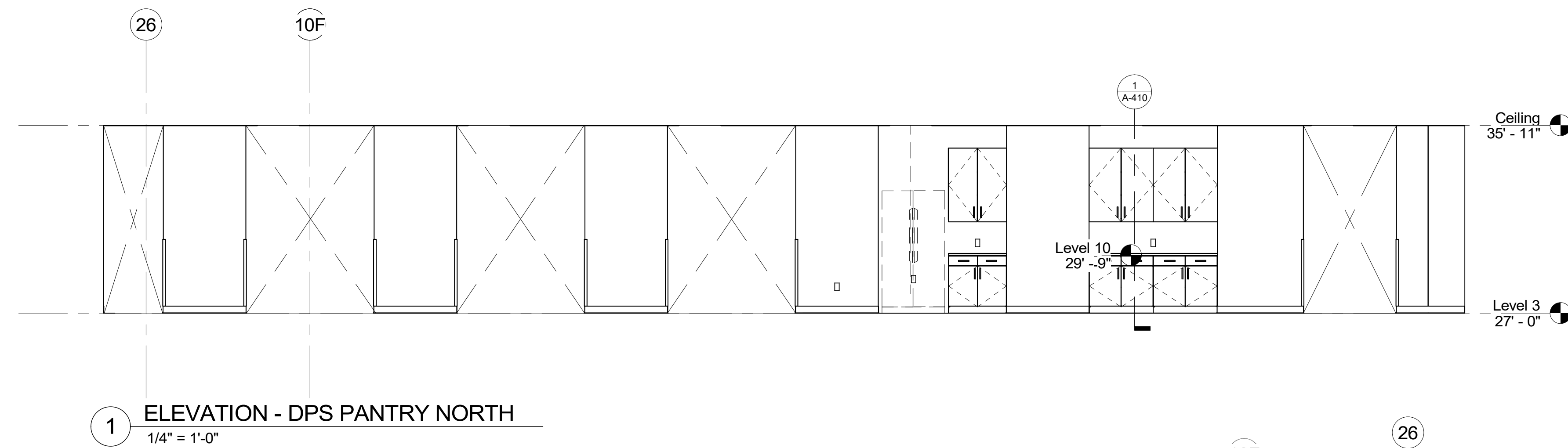
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

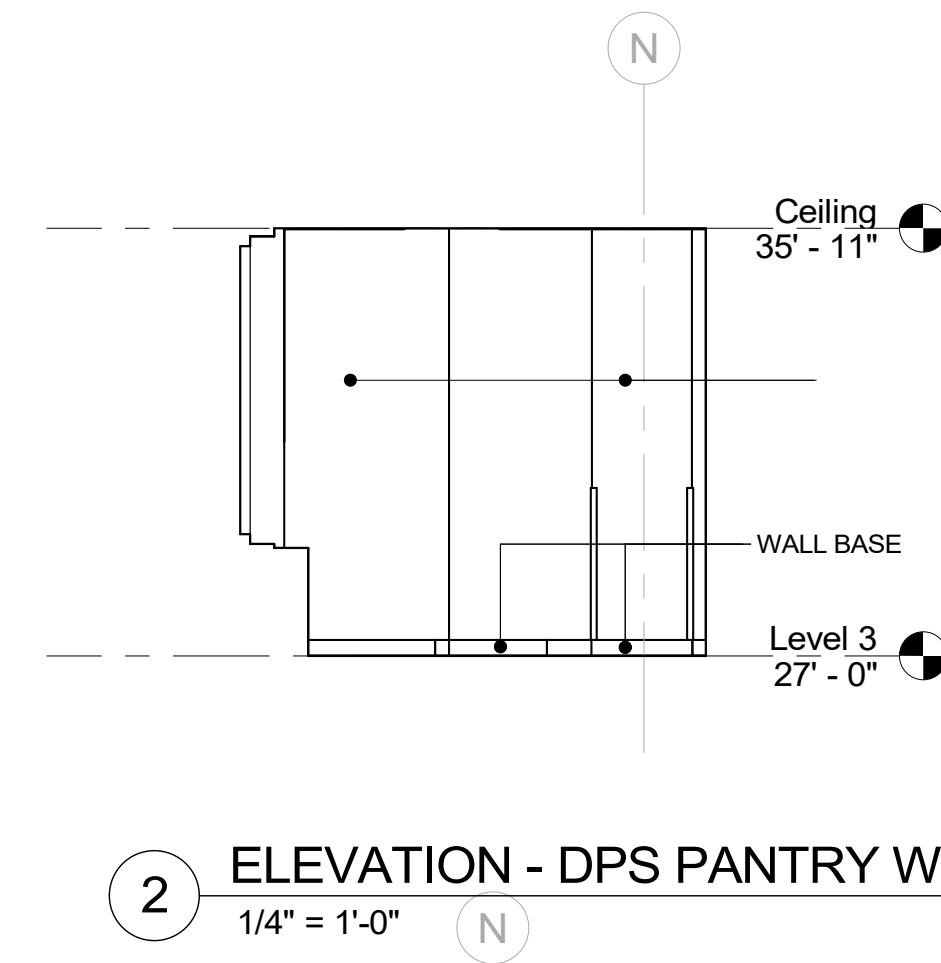
☐ AS BUILT - CHANGES AS NOTED
☐ AS BUILT - NO CHANGES

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SIGNATURE:		SIGNATURE:	
TITLE:		TITLE:	
DATE:		DATE:	

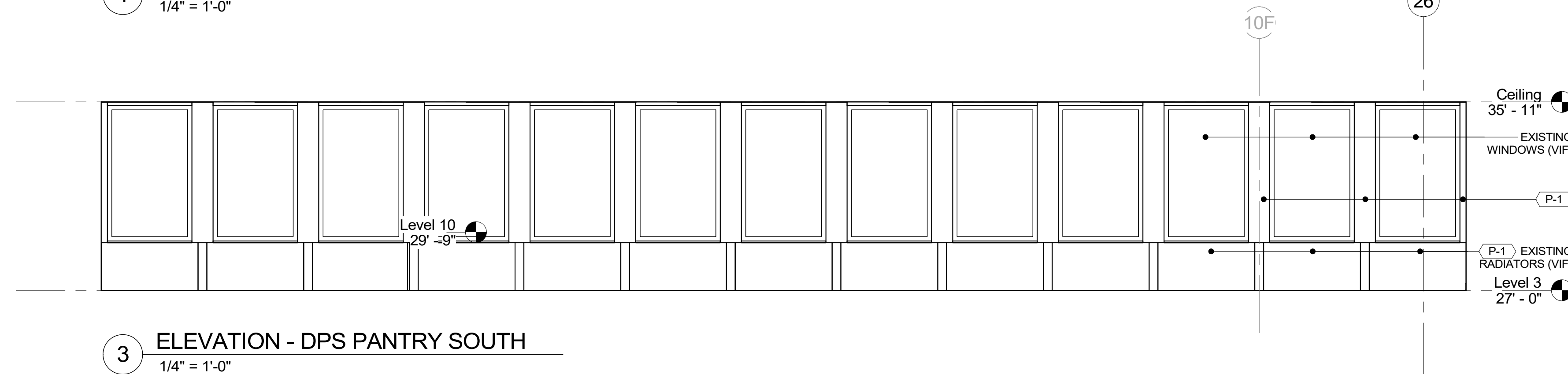
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER A-204
DIVISION OF ENGINEERING		SHEET NO. 58	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/4" = 1'-0"	DATE: May 20, 2021
INTERIOR ELEVATIONS - WEST WING		DPW FILE NO. 52-01-A-502	REV NO. 0



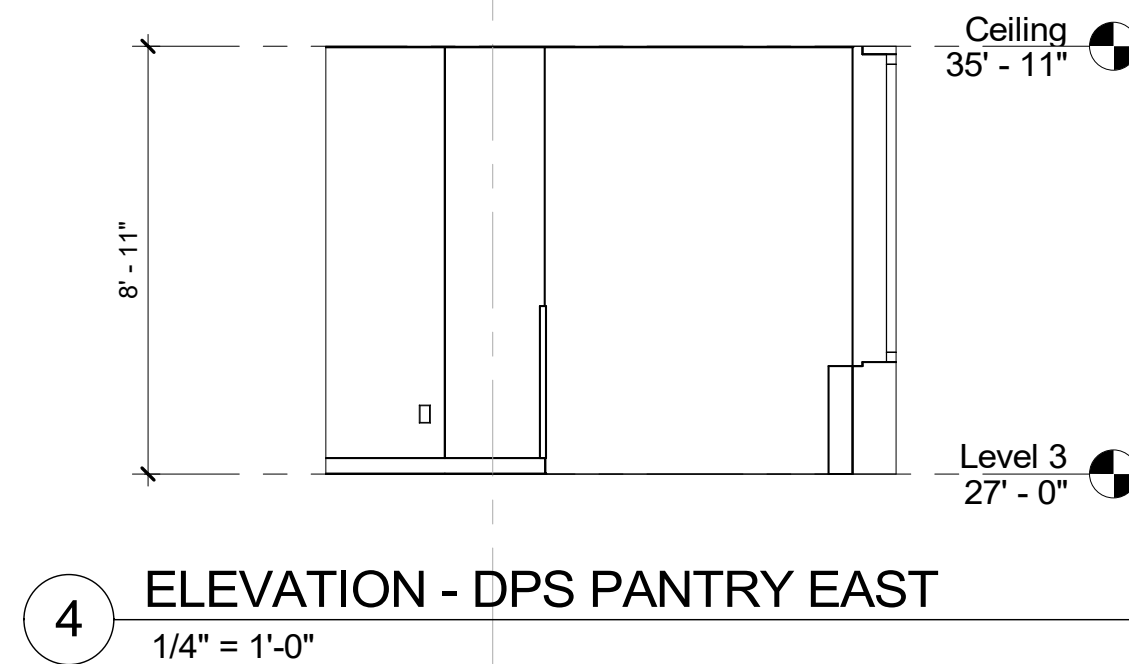
1 ELEVATION - DPS PANTRY NORTH
1/4" = 1'-0"



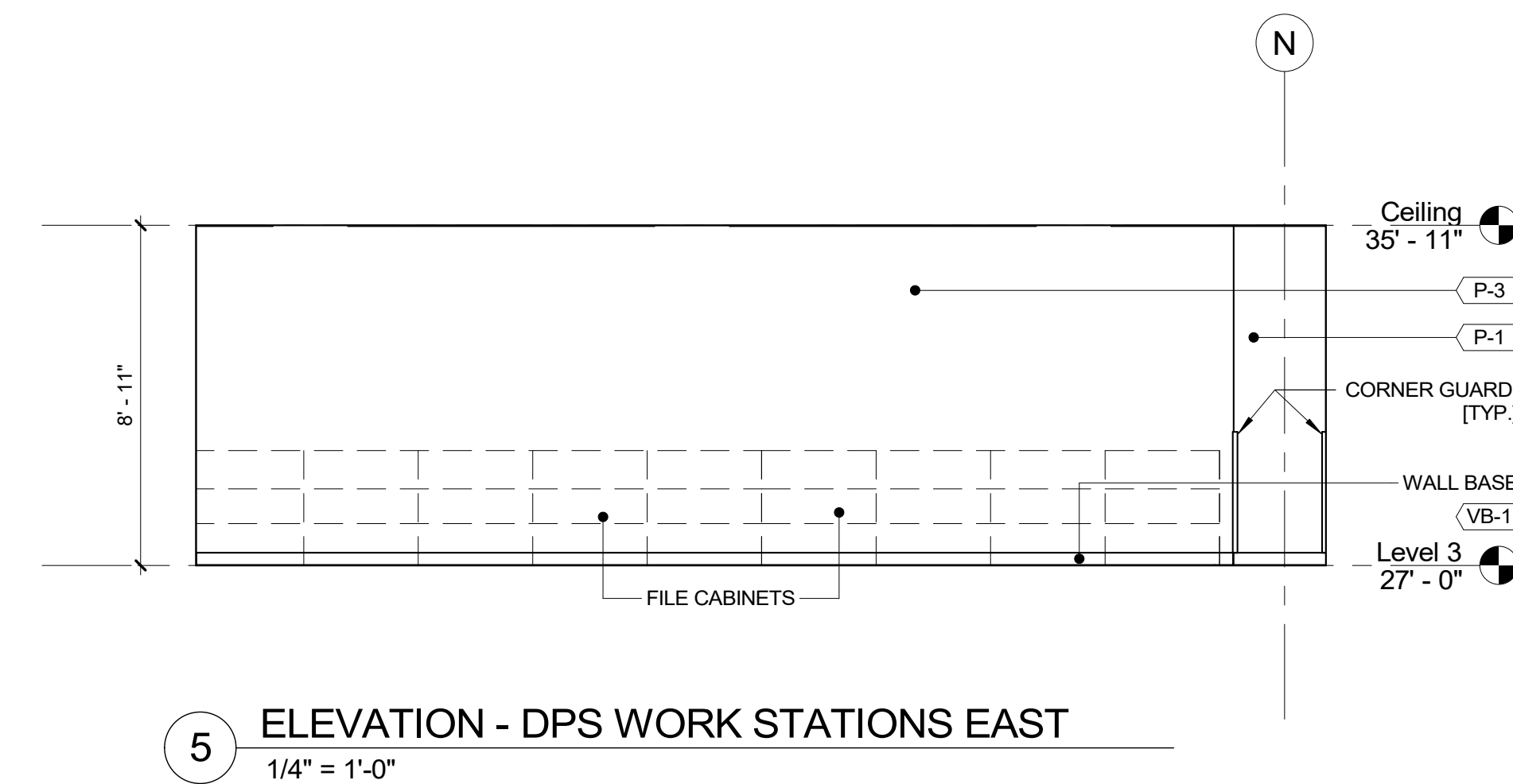
2 ELEVATION - DPS PANTRY WEST
1/4" = 1'-0"



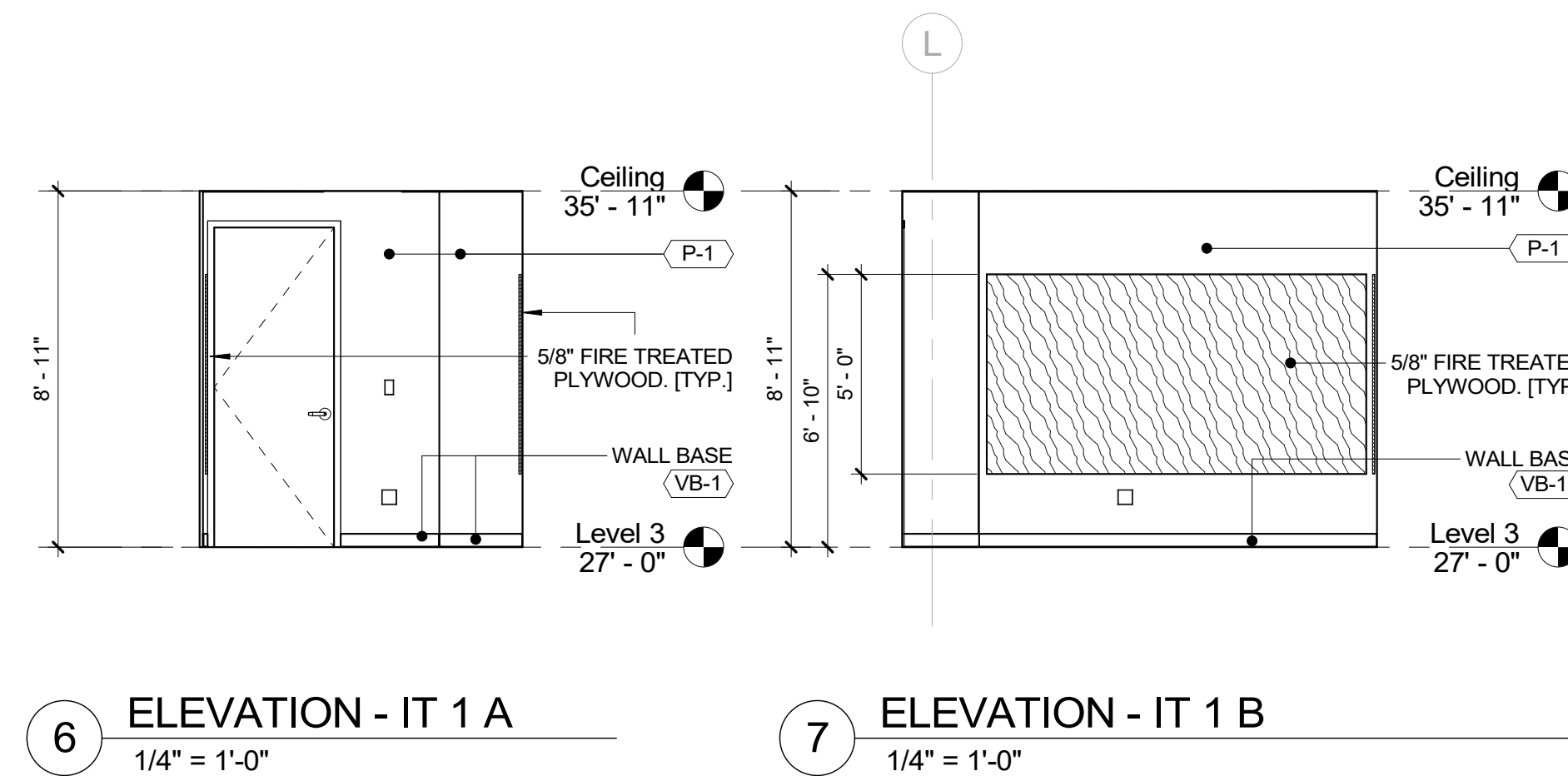
3 ELEVATION - DPS PANTRY SOUTH
1/4" = 1'-0"



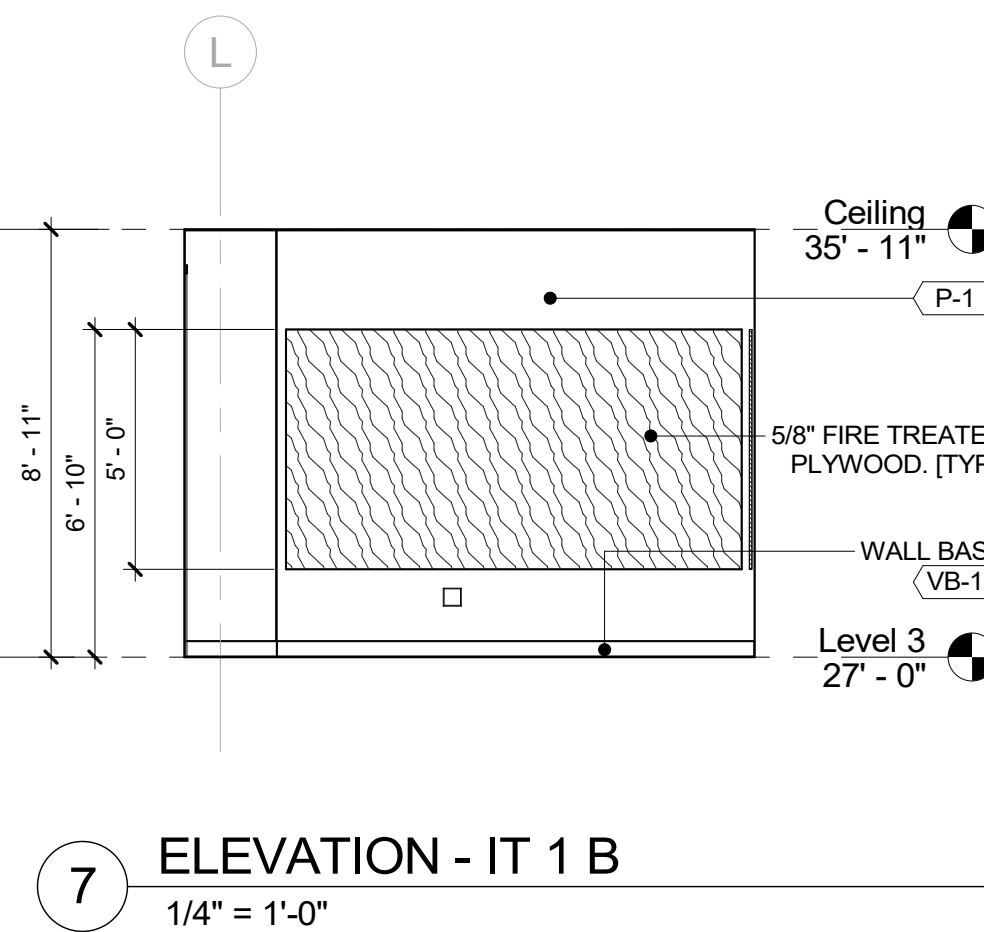
4 ELEVATION - DPS PANTRY EAST
1/4" = 1'-0"



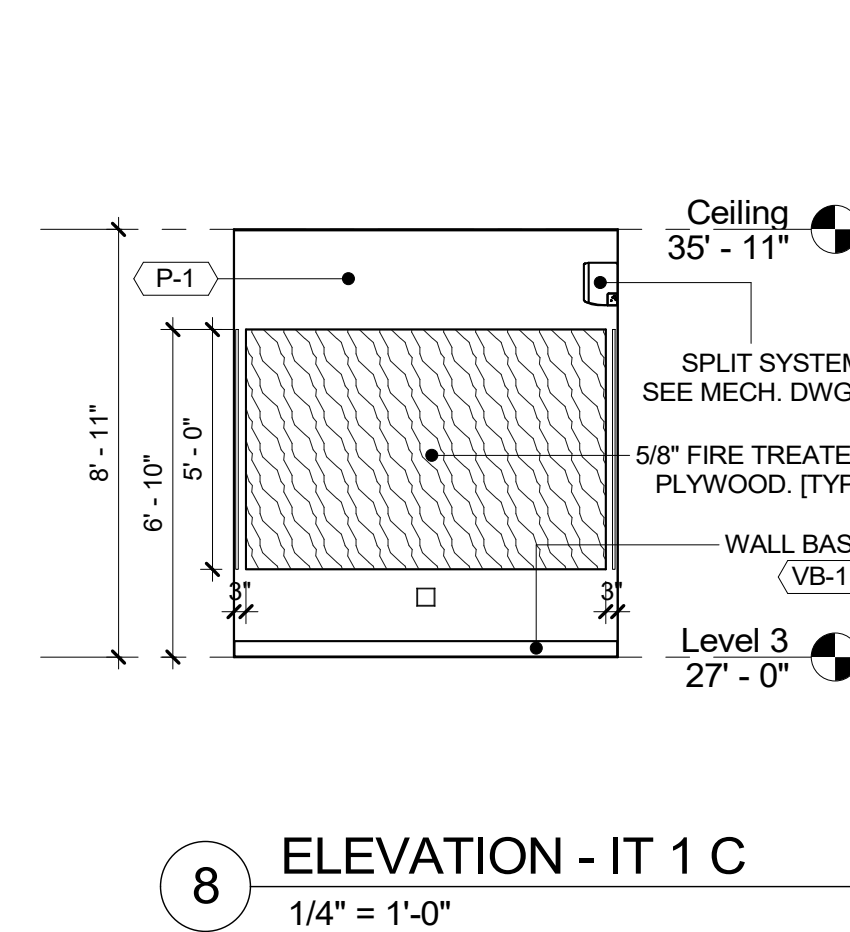
5 ELEVATION - DPS WORK STATIONS EAST
1/4" = 1'-0"



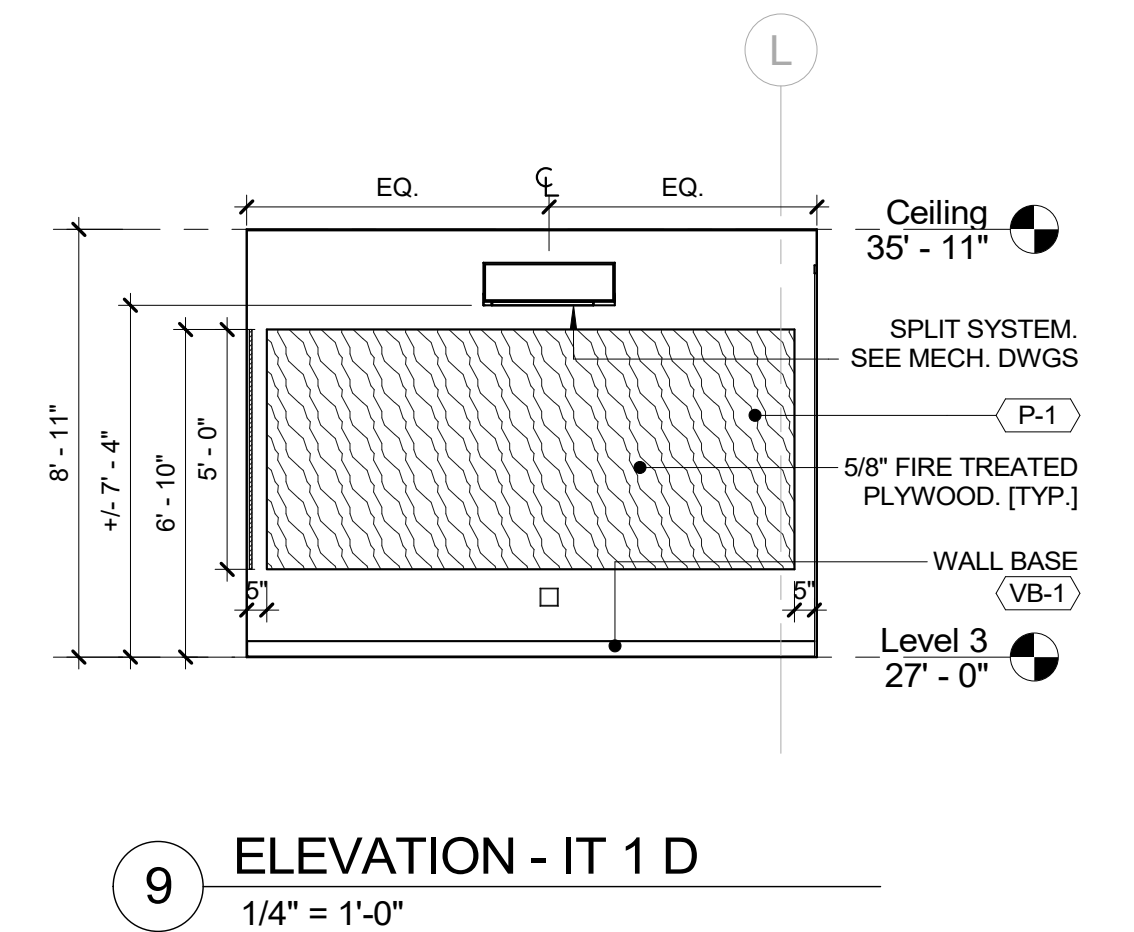
6 ELEVATION - IT 1 A
1/4" = 1'-0"



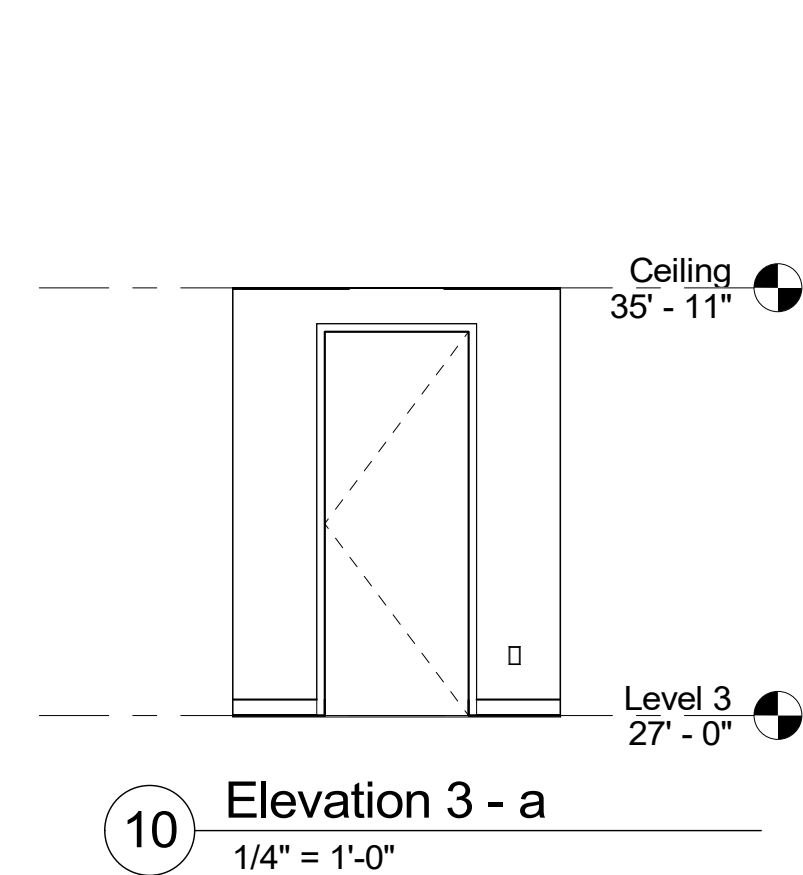
7 ELEVATION - IT 1 B
1/4" = 1'-0"



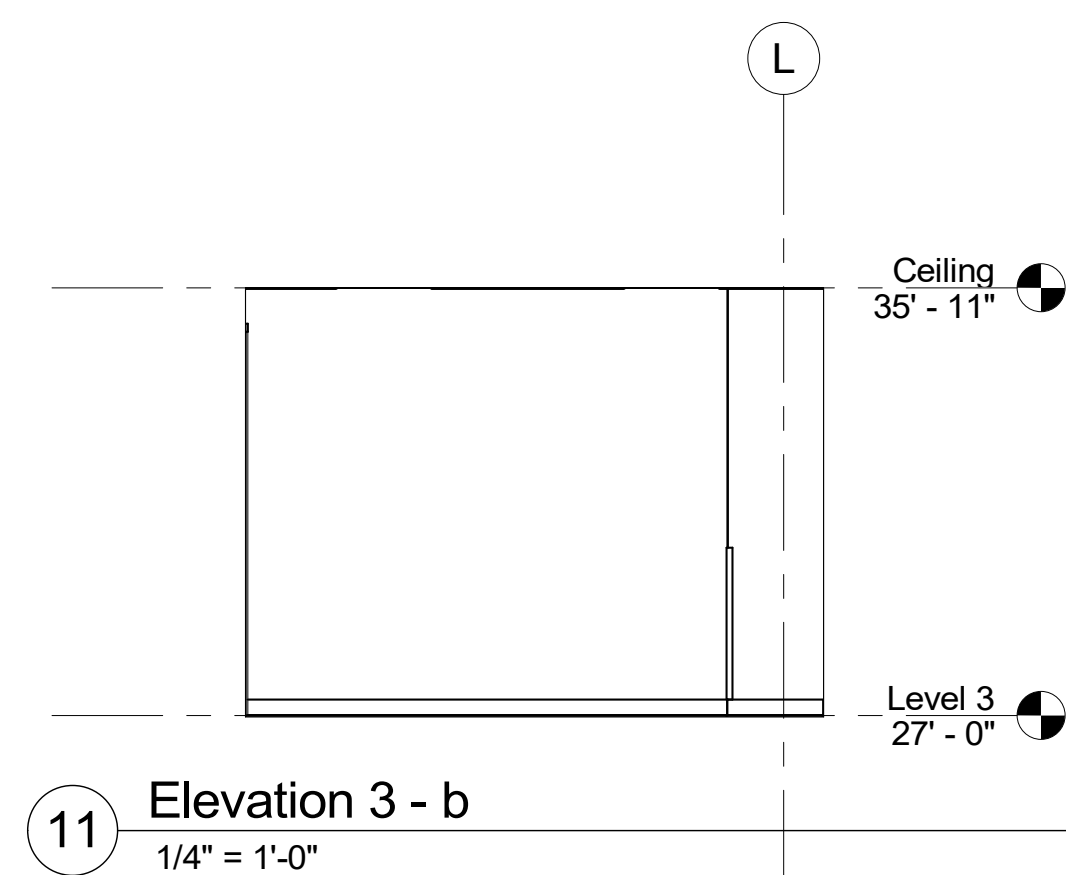
8 ELEVATION - IT 1 C
1/4" = 1'-0"



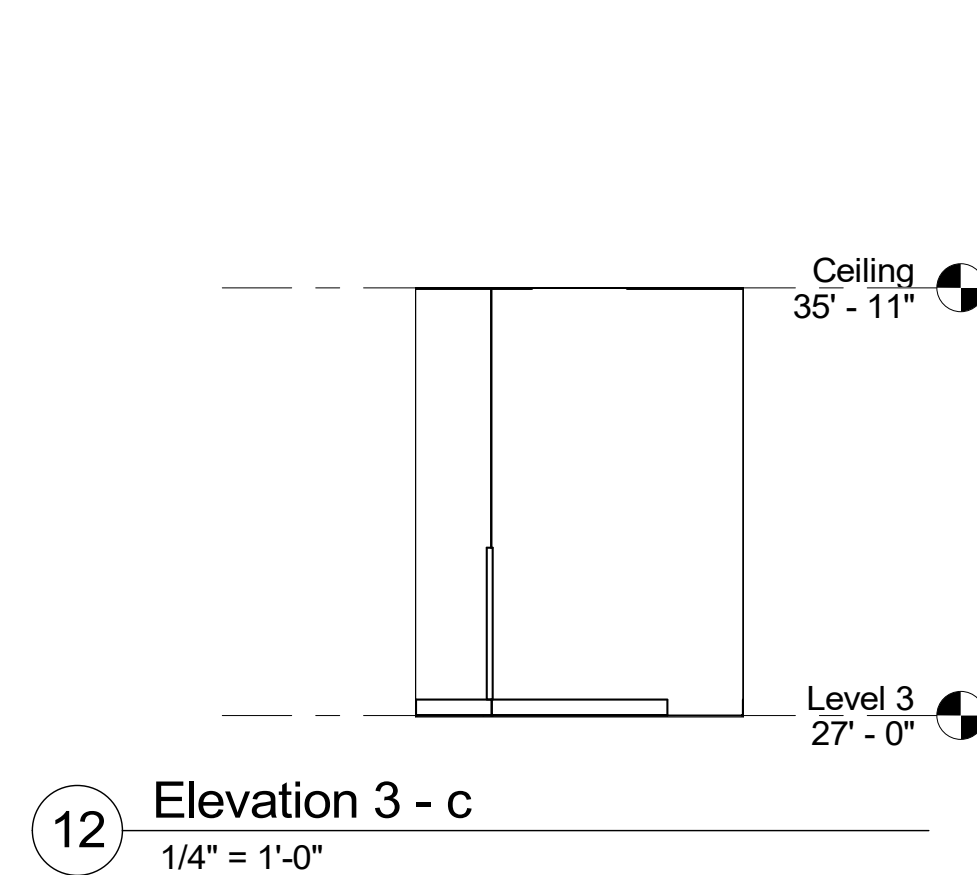
9 ELEVATION - IT 1 D
1/4" = 1'-0"



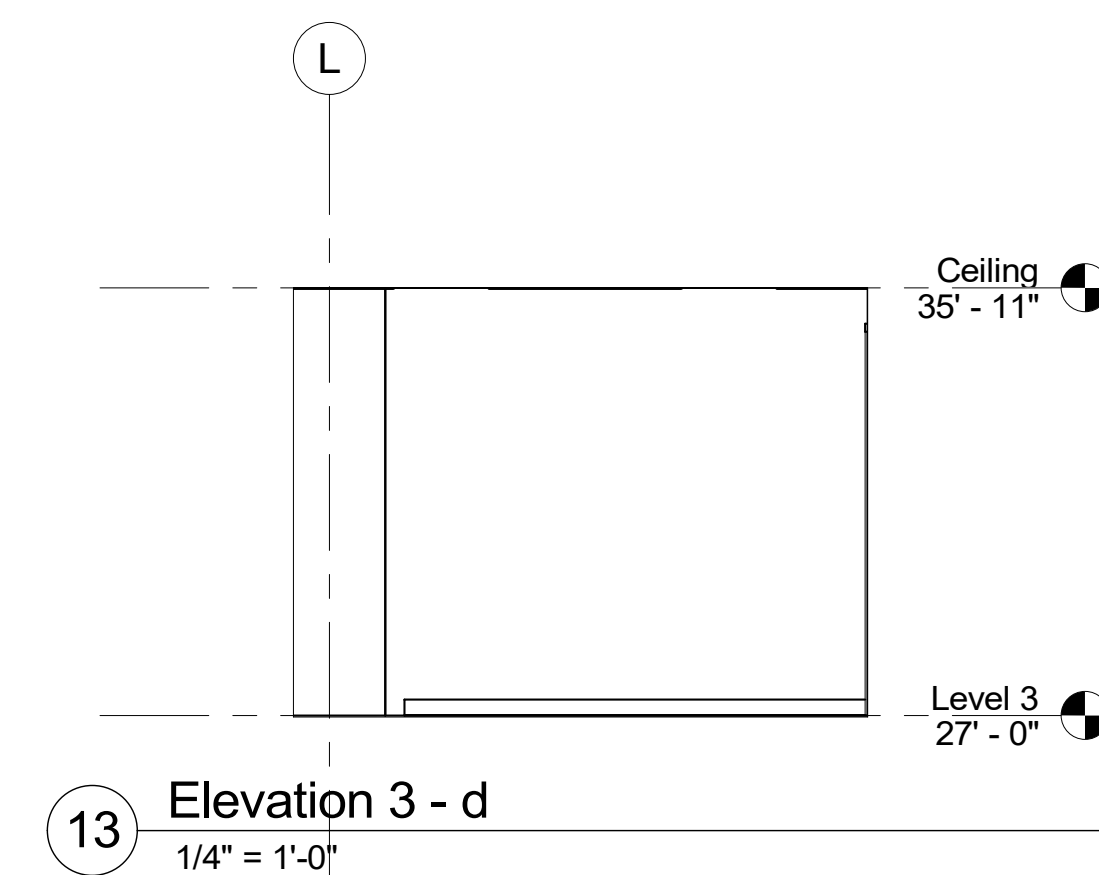
10 Elevation 3 - a
1/4" = 1'-0"



11 Elevation 3 - b
1/4" = 1'-0"

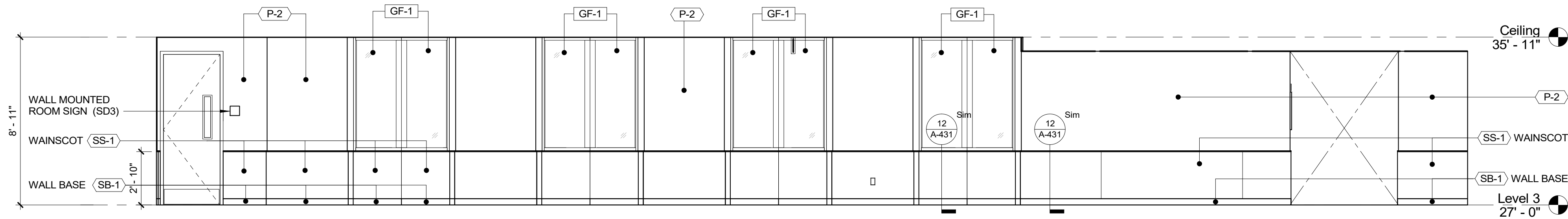


12 Elevation 3 - c
1/4" = 1'-0"

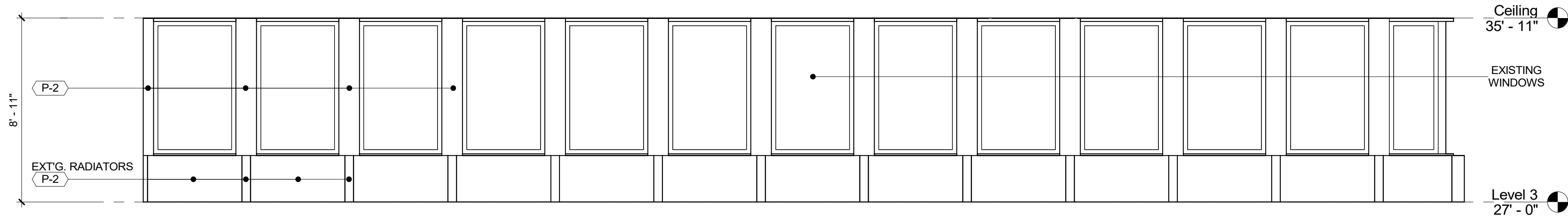


13 Elevation 3 - d
1/4" = 1'-0"

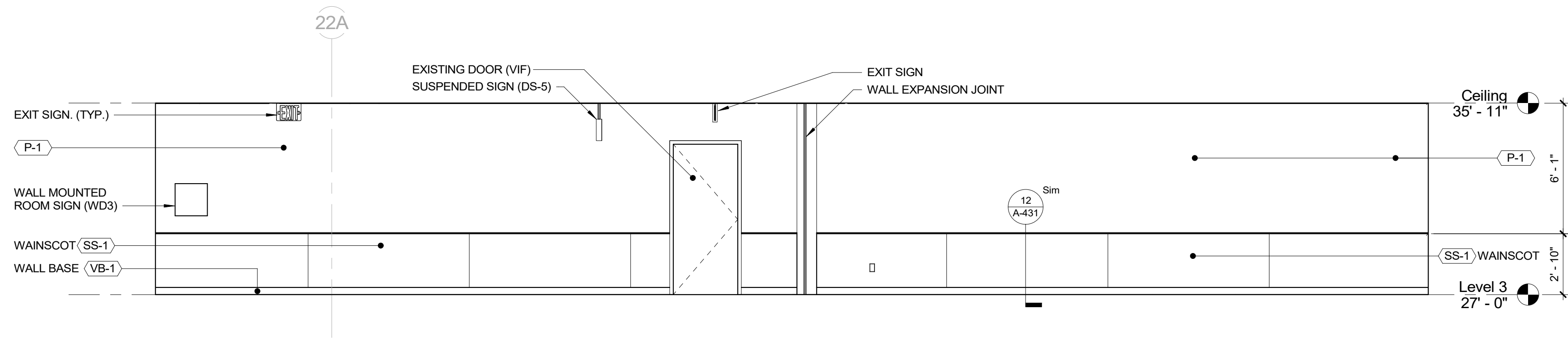
		CONSULTANT INFORMATION	
		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APP'D BY
REVISION			
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED		<input type="checkbox"/> AS BUILT - NO CHANGES	
CONTRACTOR		CONTRACTOR	
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TITLE: _____		TITLE: _____	
DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER A-205
DIVISION OF ENGINEERING		SHEET NO. 59	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/4" = 1'-0"	DATE: May 20, 2021
INTERIOR ELEVATIONS - WEST WING		DPW FILE NO. 52-01-A-503	REV NO. 0



1 ELEVATION - WEST WING HALLWAY H
1/4" = 1'-0"



2 ELEVATION - WEST WING HALLWAY I
1/4" = 1'-0"

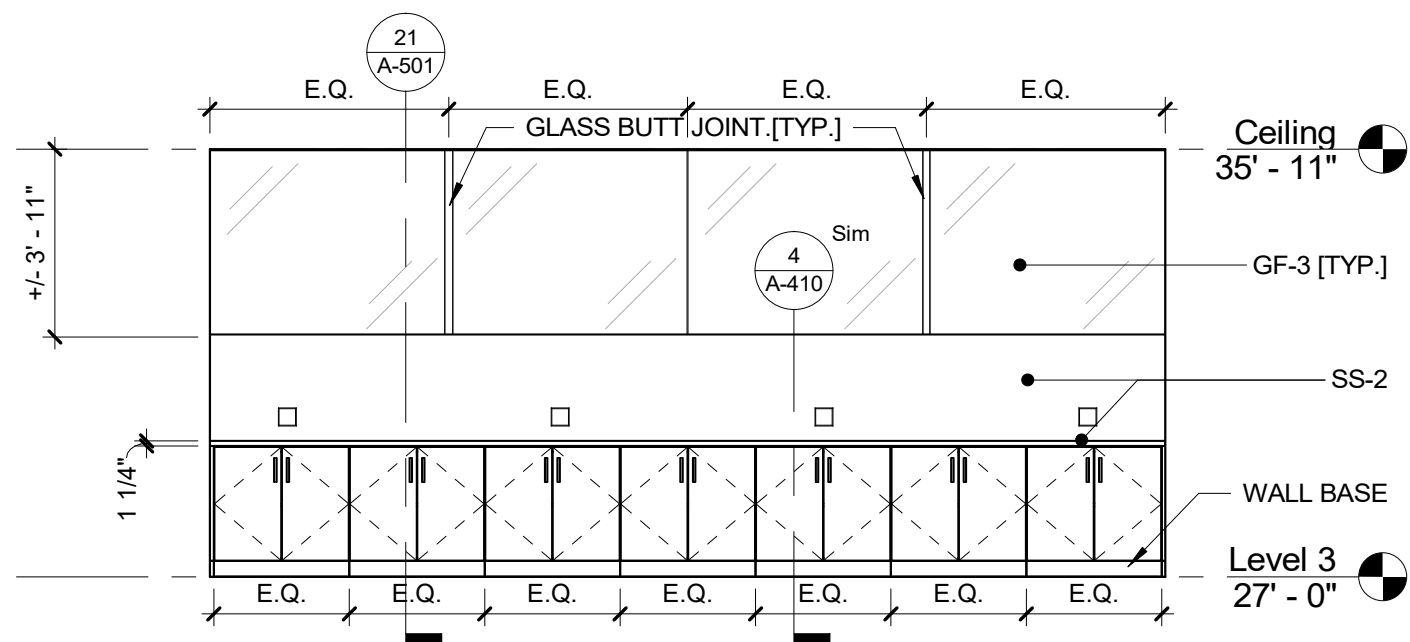


3 ELEVATION - WEST WING HALLWAY J
1/4" = 1'-0"

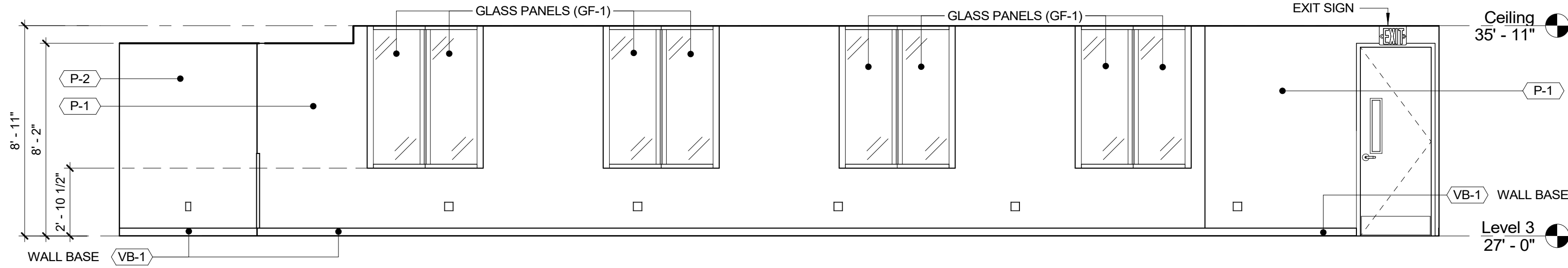
		CONSULTANT INFORMATION	
		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APP'D BY REVISION
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TITLE: _____		TITLE: _____	
DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER A-206
DIVISION OF ENGINEERING		SHEET NO. 60	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/4" = 1'-0" DATE: May 20, 2021 DPW FILE NO. 52-01-A-504	Issue Date REV NO 0
INTERIOR ELEVATIONS - WEST & CENTRAL WING			



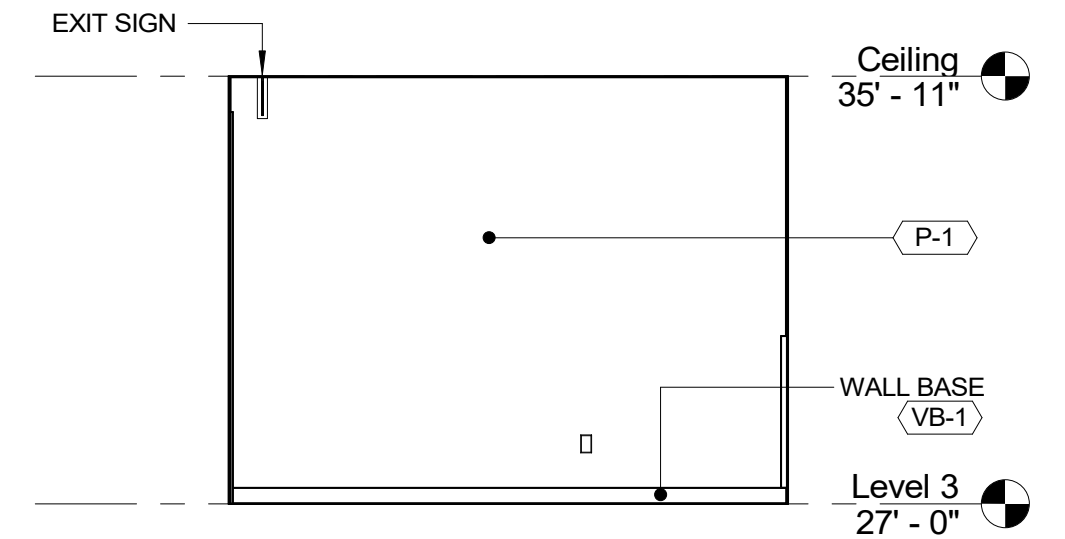
CONSULTANT SEAL 	CONSULTANT INFORMATION <h1 style="margin: 0;">Graf & Lewent</h1> <h2 style="margin: 0;">Architects LLP</h2> <p style="margin: 0;">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>			
Drawing Area				
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING				CONTRACT NUMBER 19-514 SHEET NO. 61 OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK INTERIOR ELEVATIONS - CENTRAL WING				SCALE: 1/4" = 1'-0" DATE: May 20, 2021 Issue Date DPW FILE NO. 52-01-A-505 REV NO. 0



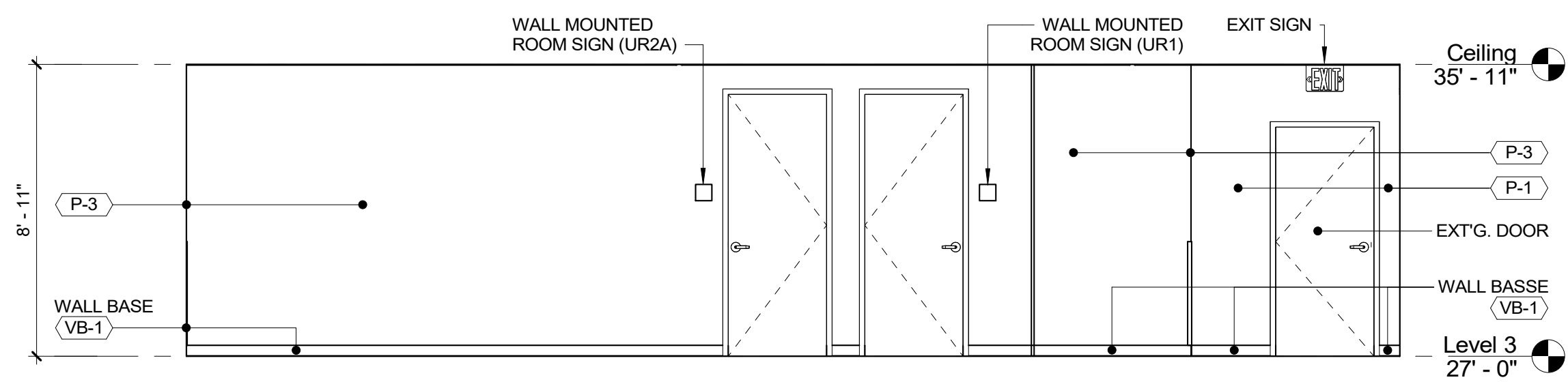
1 ELEVATION - DLS COUNTER C
1/4" = 1'-0"



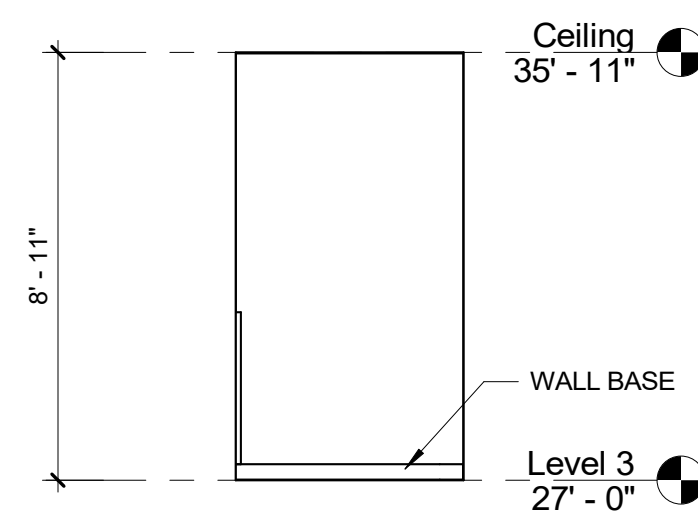
2 ELEVATION - DLS WORK STATIONS A
1/4" = 1'-0"



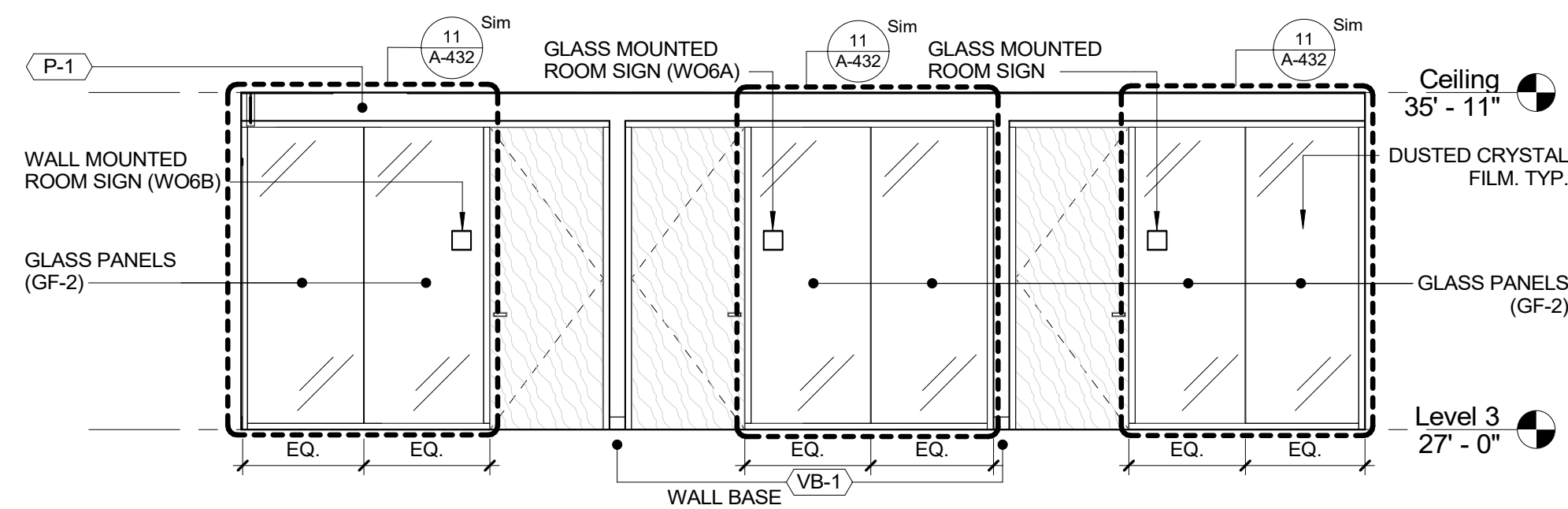
3 ELEVATION - DLS WORK STATIONS B
1/4" = 1'-0"



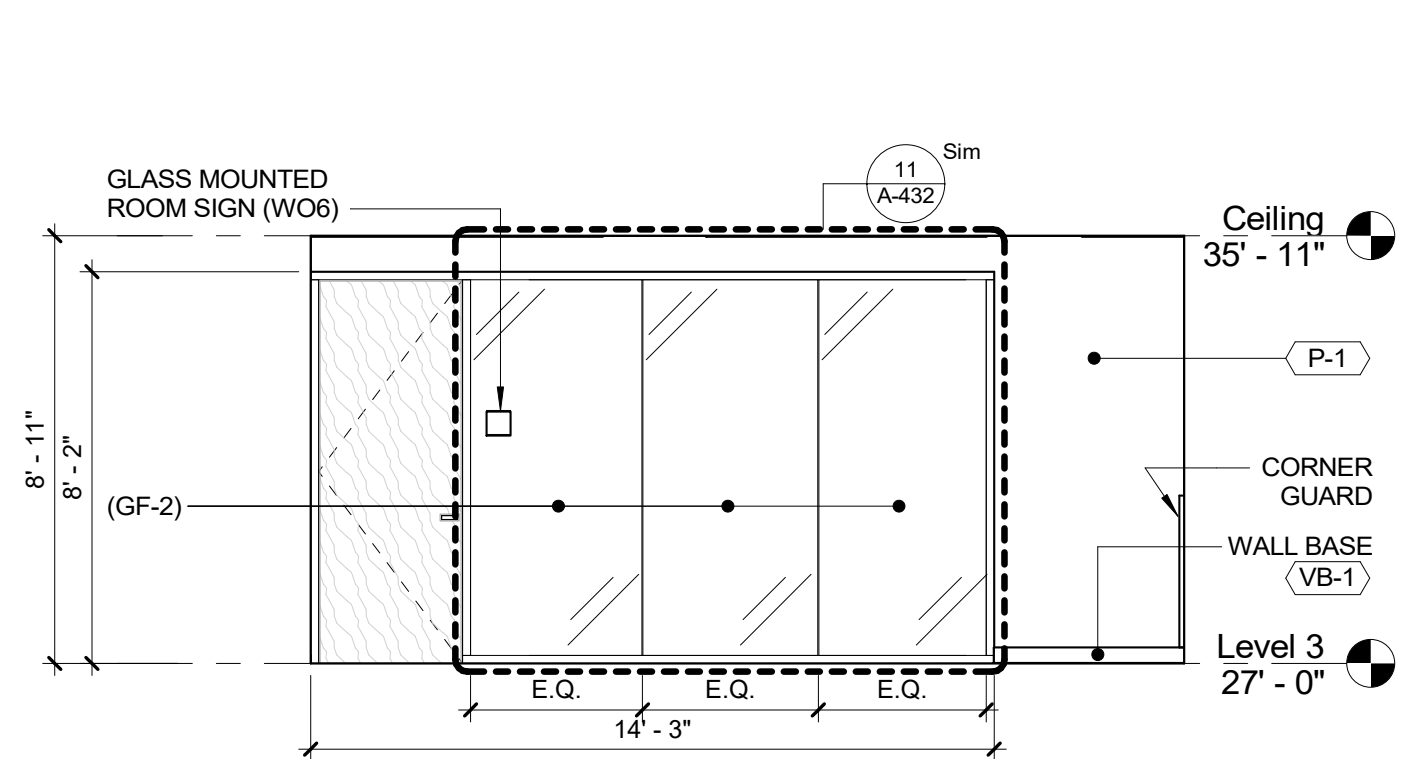
4 ELEVATION - DLS WORK STATIONS C
1/4" = 1'-0"



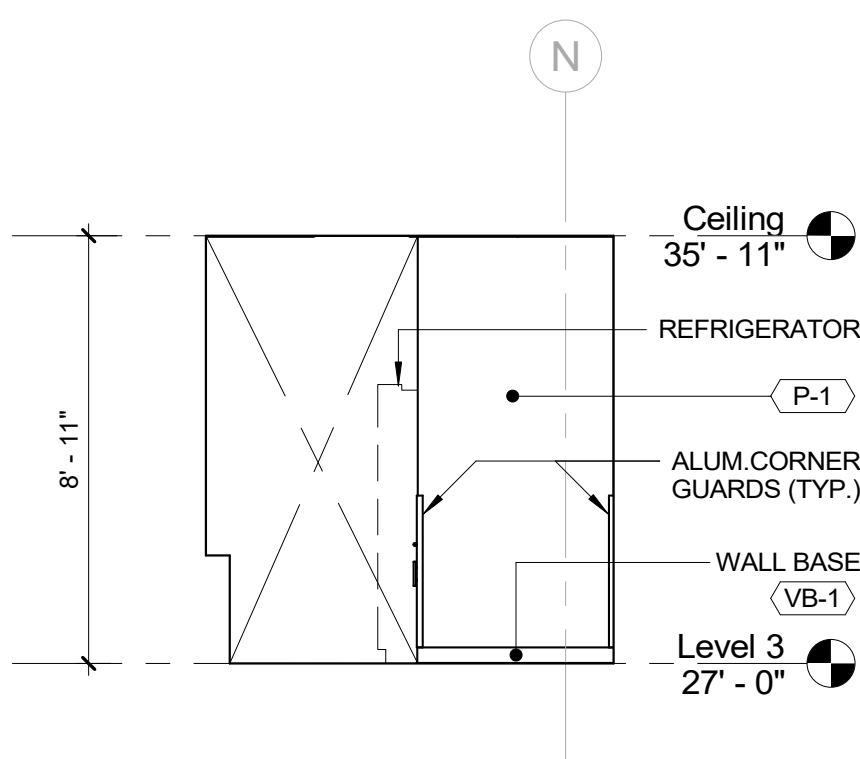
5 ELEVATION - DLS WS D
1/4" = 1'-0"



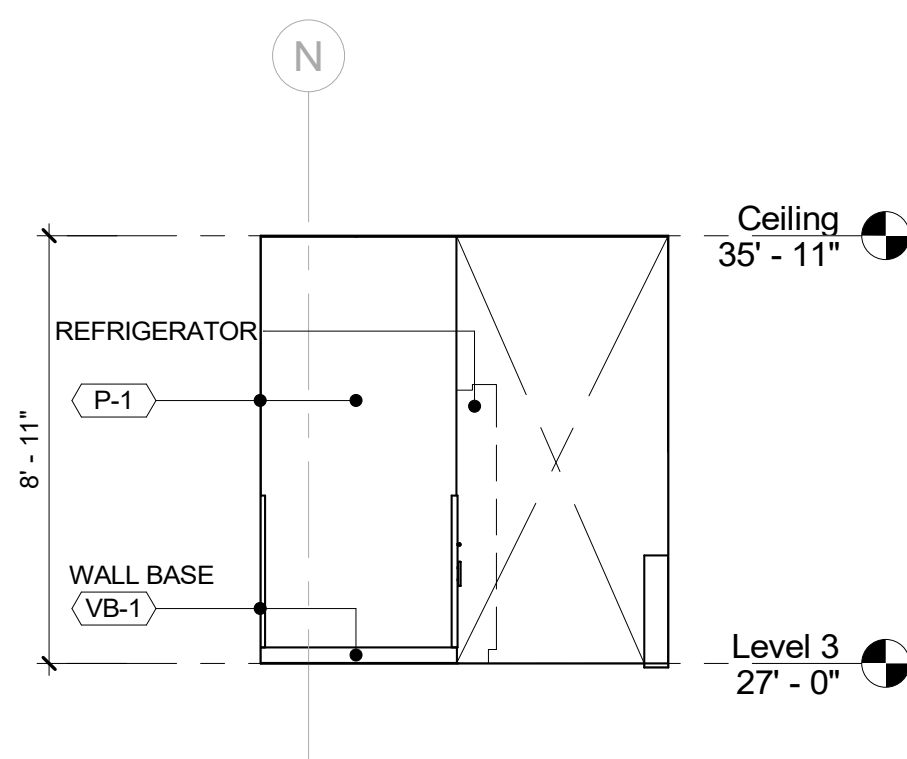
6 ELEVATION - DLS WORK STATIONS E
1/4" = 1'-0"



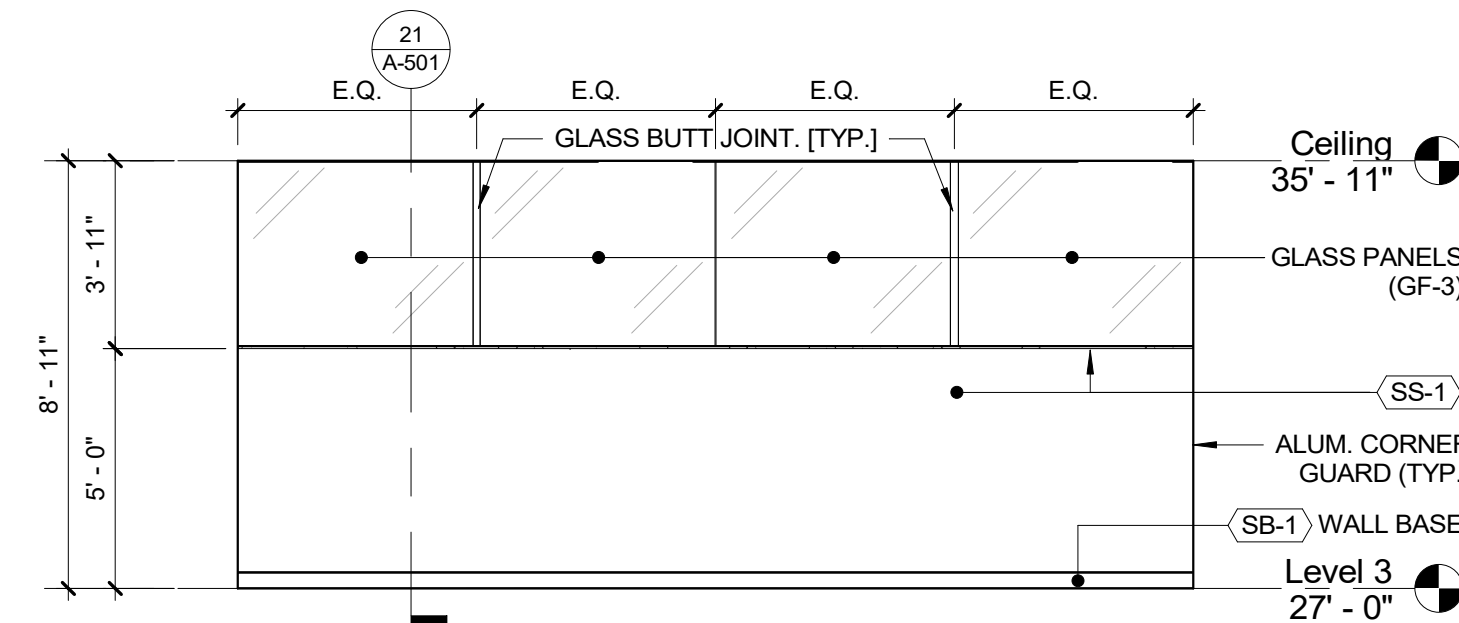
7 ELEVATION - DLS WORK STATIONS F
1/4" = 1'-0"



8 ELEVATION - DLS WS G
1/4" = 1'-0"

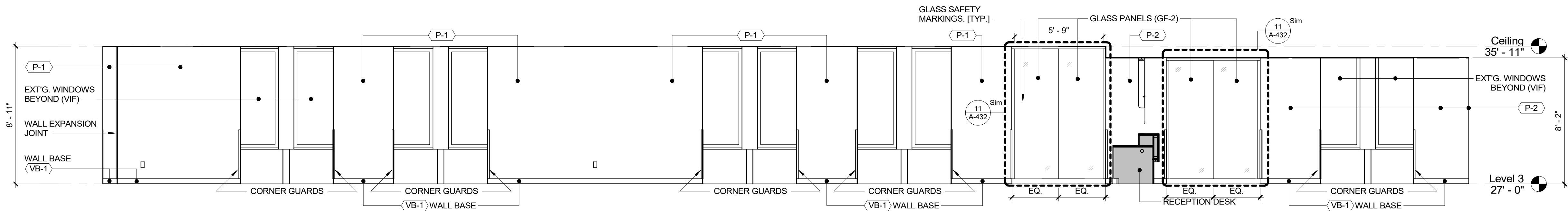


9 ELEVATION - DLS WS H
1/4" = 1'-0"

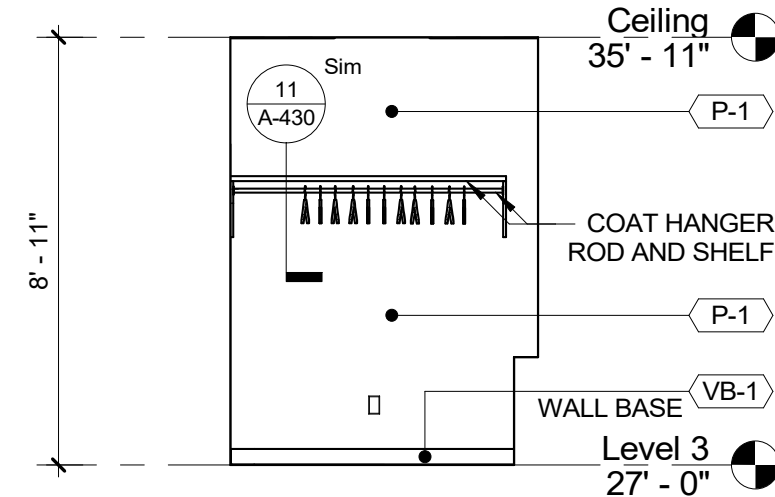


10 ELEVATION - DLS WORK STATIONS I
1/4" = 1'-0"

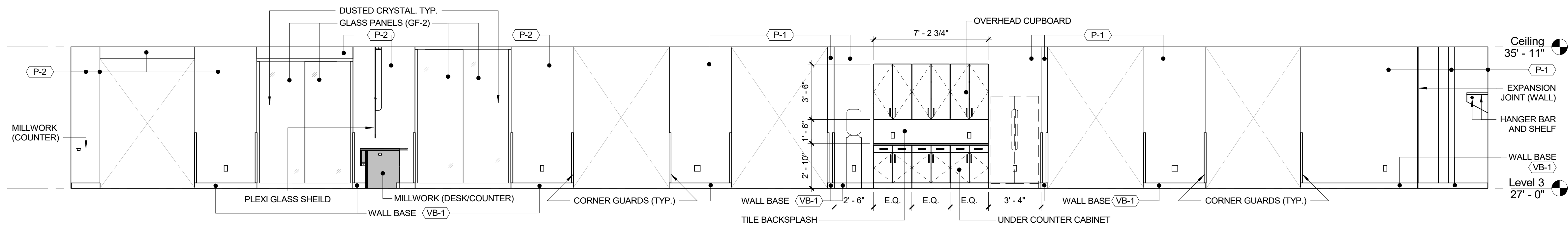
		CONSULTANT INFORMATION	
		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APP'D BY
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RECORD DRAWING CERTIFICATION			
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	
DIVISION OF ENGINEERING		SHEET NO. 62 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/4" = 1'-0" DATE: May 20, 2021 Issue Date	
INTERIOR ELEVATIONS - CENTRAL WING		REV NO 0	



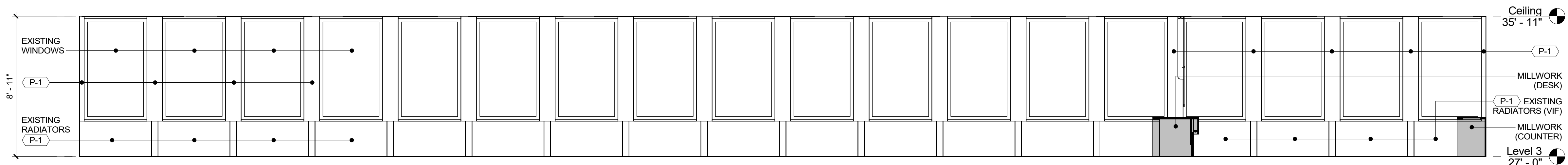
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1/4" = 1'-0"



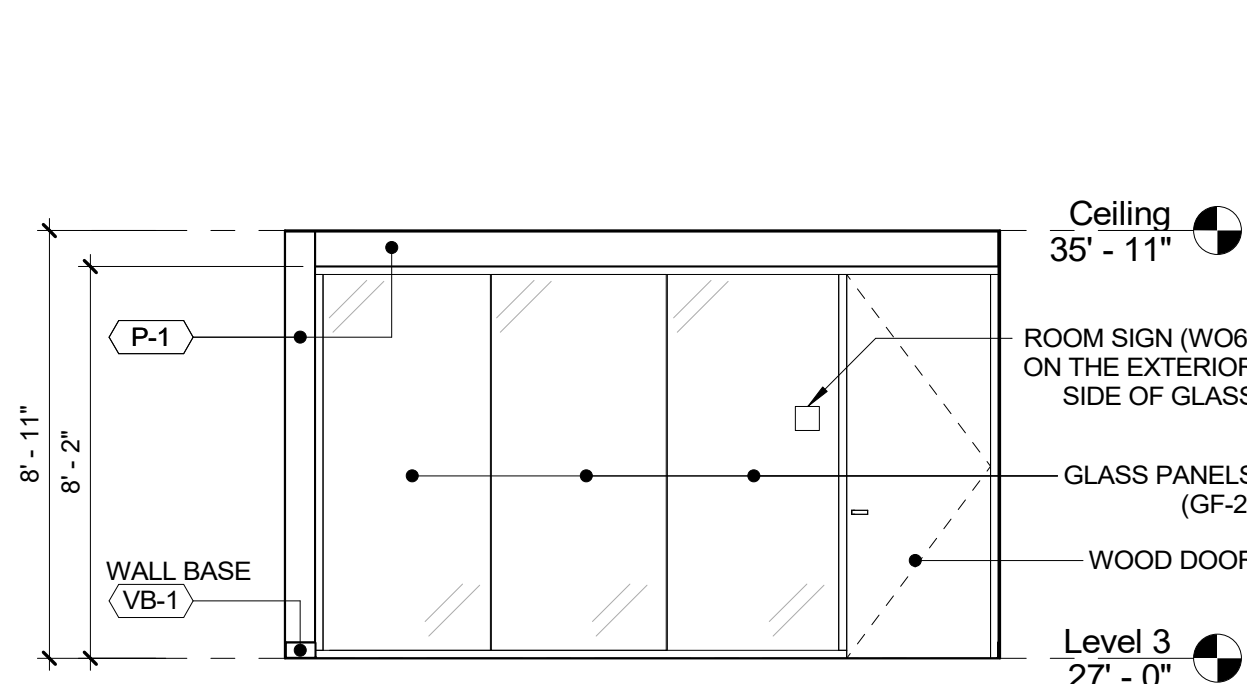
4 ELEVATION - DLS COATS A
1/4" = 1'-0"



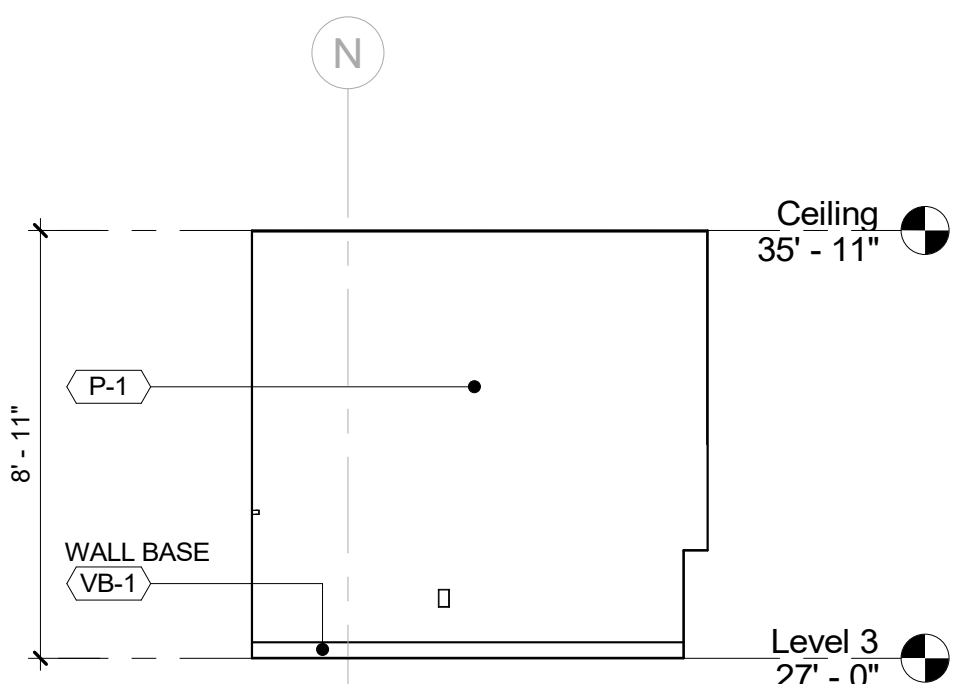
2 ELEVATION - DLS WORK STATIONS K
1/4" = 1'-0"



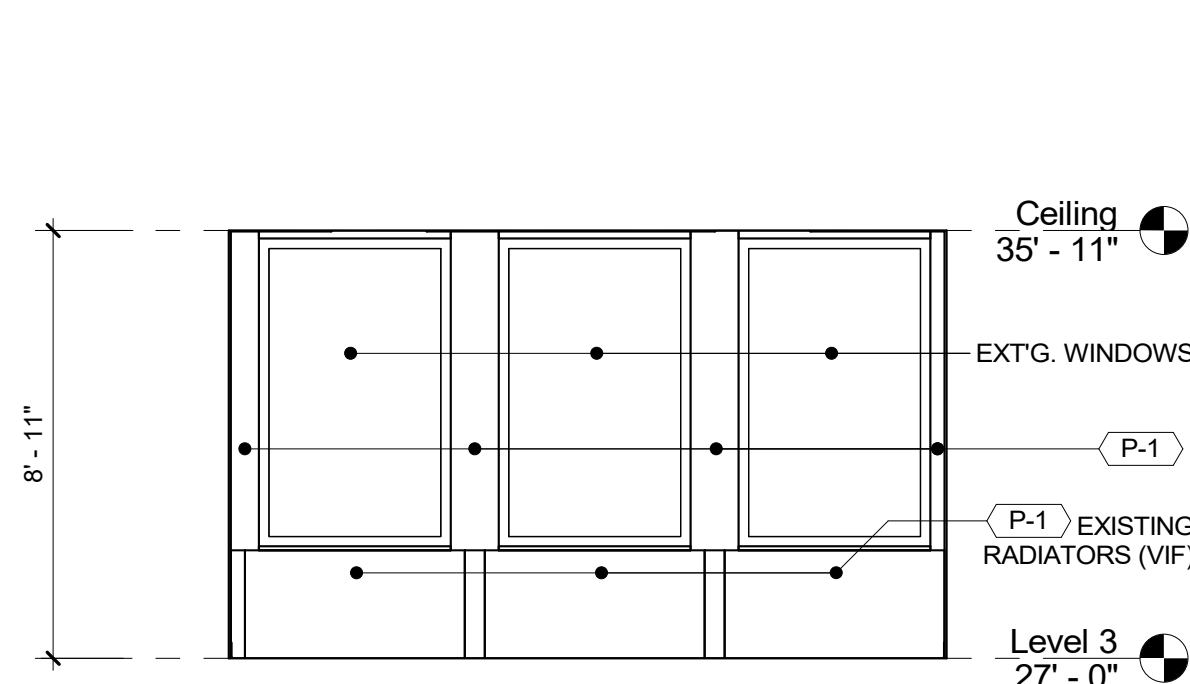
3 ELEVATION - DLS WORK STATIONS L
1/4" = 1'-0"



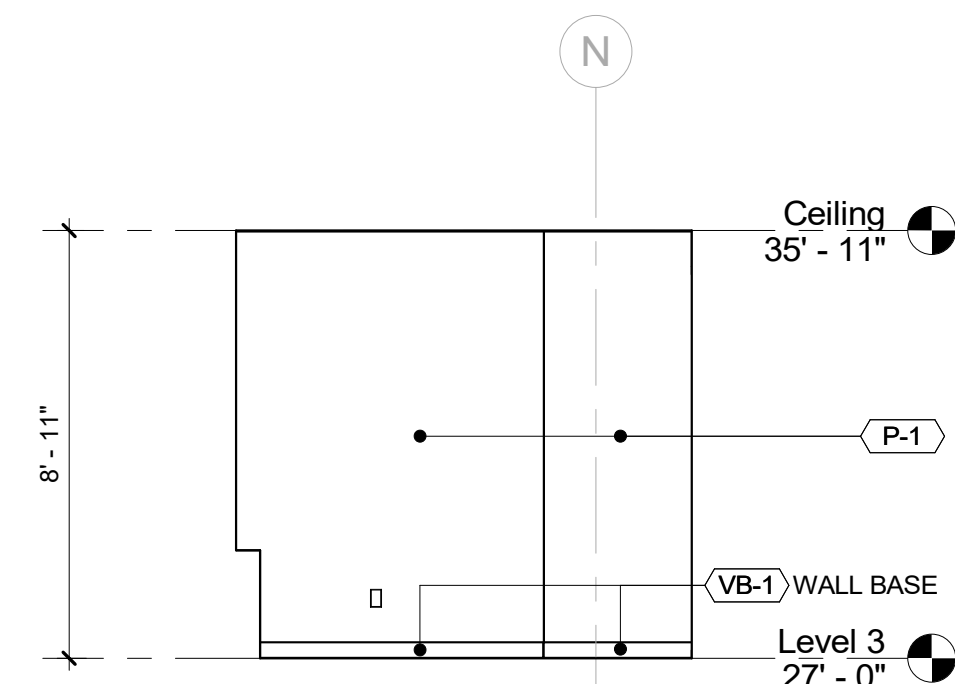
5 ELEVATION - DLS OFFICE 1 A
1/4" = 1'-0"



6 ELEVATION - DLS OFFICE 1 B
1/4" = 1'-0"



7 ELEVATION - DLS OFFICE 1 C
1/4" = 1'-0"



8 ELEVATION - DLS OFFICE 1 D
1/4" = 1'-0"

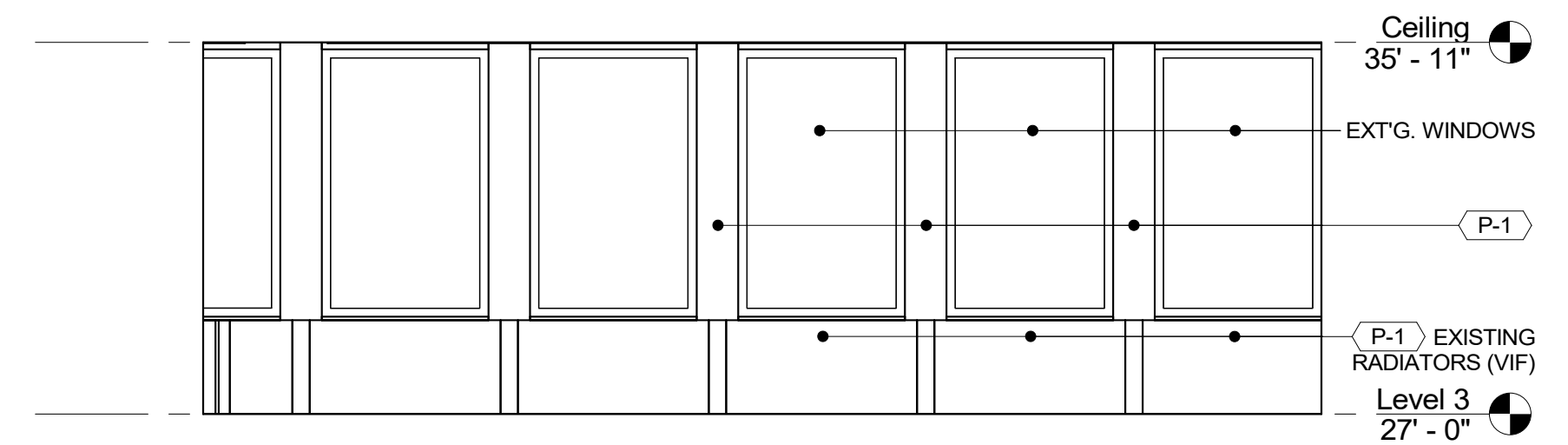
		CONSULTANT INFORMATION	
		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APP'D BY
REVISION			
RECORD DRAWING CERTIFICATION			
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CONTRACTOR		CONTRACTOR	
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER 19-514	
DIVISION OF PUBLIC WORKS AND TRANSPORTATION		SHEET NUMBER A-209	
DIVISION OF ENGINEERING		SHEET NO. 63 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: 1/4" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021 Issue Date	
WHITE PLAINS, NEW YORK		DPW FILE NO. 52-01-A-507	
INTERIOR ELEVATIONS - CENTRAL WING		REV NO. 0	



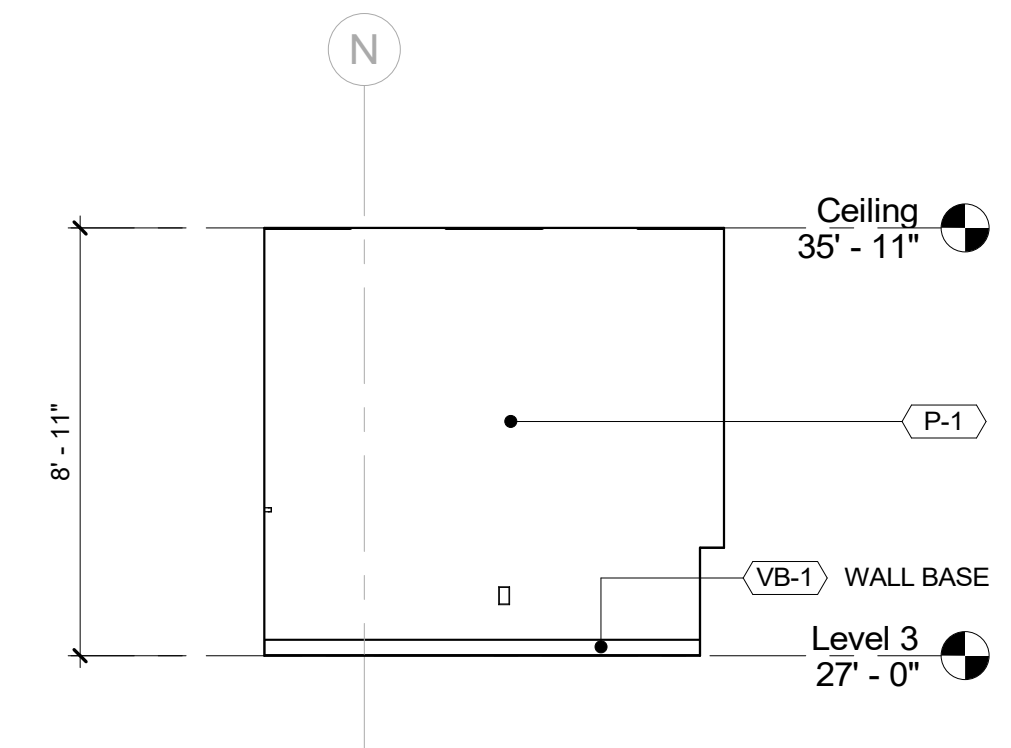
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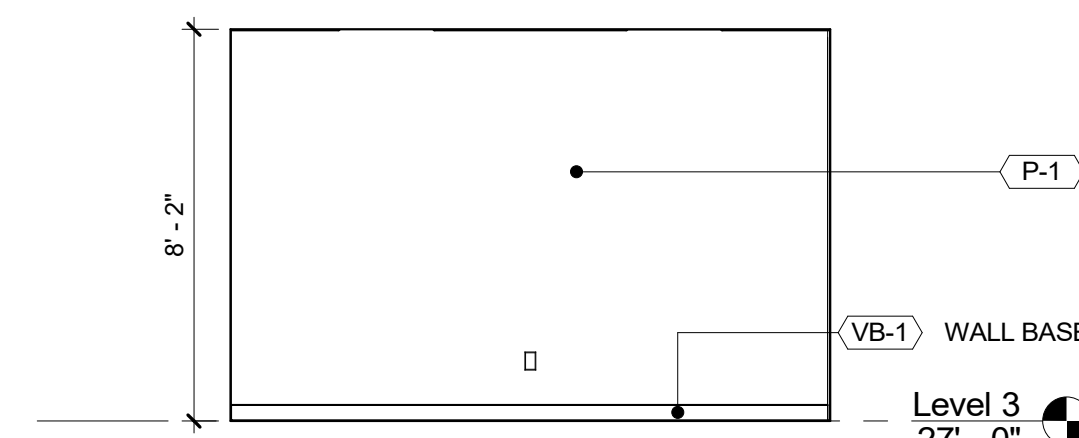
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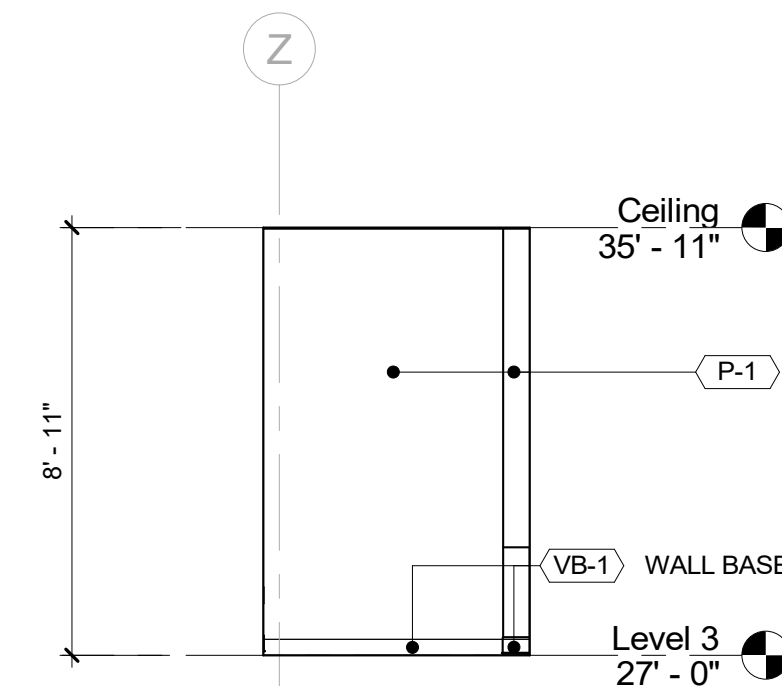
4 ELEVATION - DLN WORK STATIONS L
1/4" = 1'-0"



9 ELEVATION - DLN OFFICE B
1/4" = 1'-0"

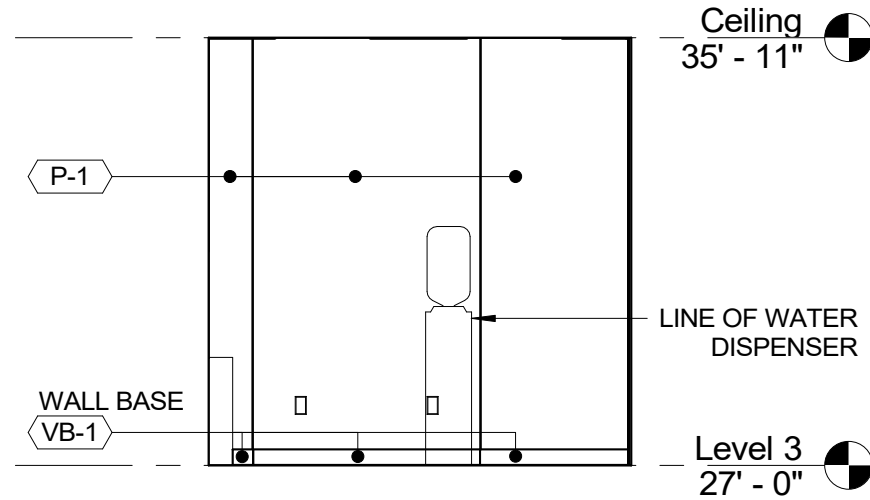


13 ELEVATION - DLN STORAGE B
1/4" = 1'-0"

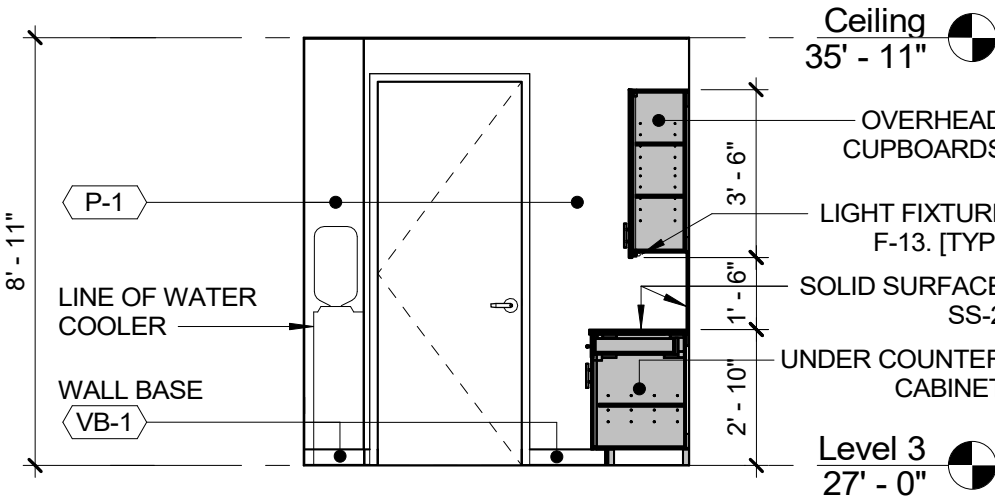


17 ELEVATION - ELECTRICAL ROOM B
1/4" = 1'-0"

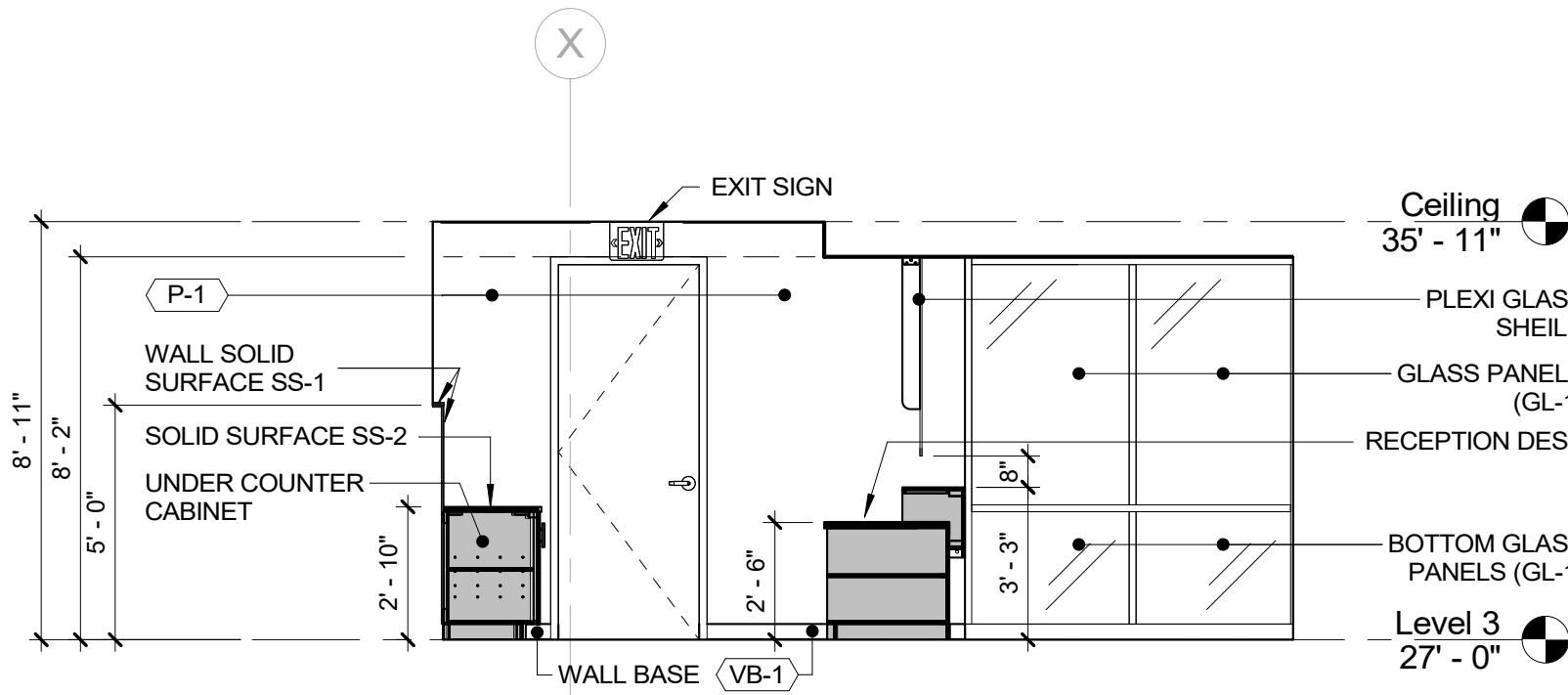
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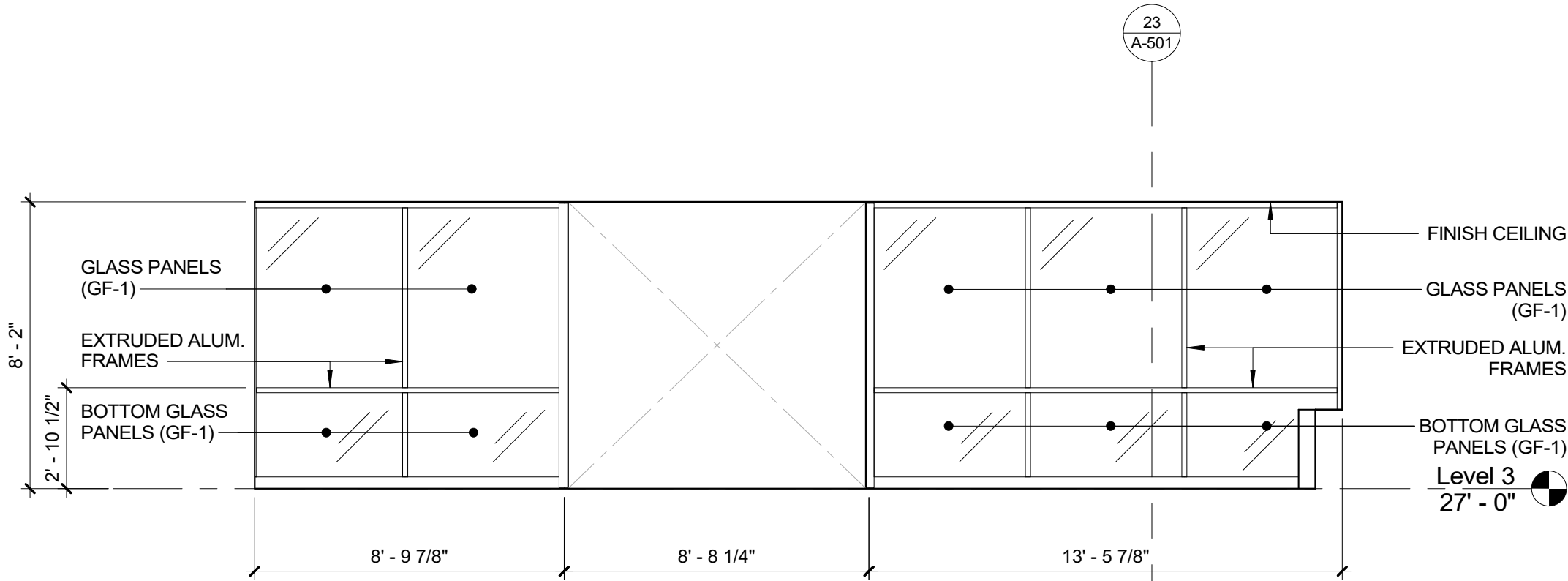
1 ELEVATION - DLN PANTRY C
1/4" = 1'-0"



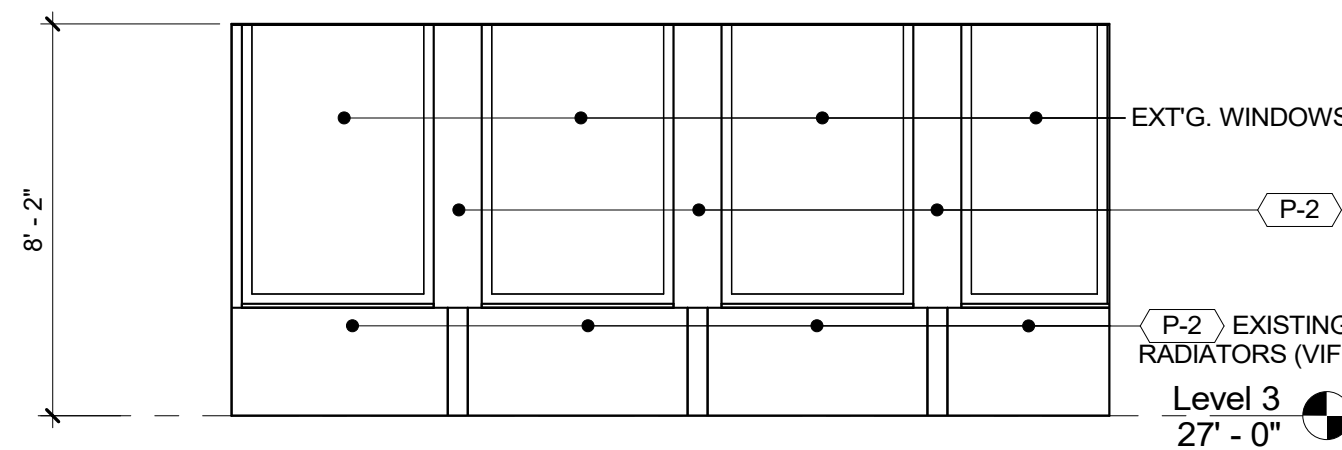
2 ELEVATION - DLN PANTRY D
1/4" = 1'-0"



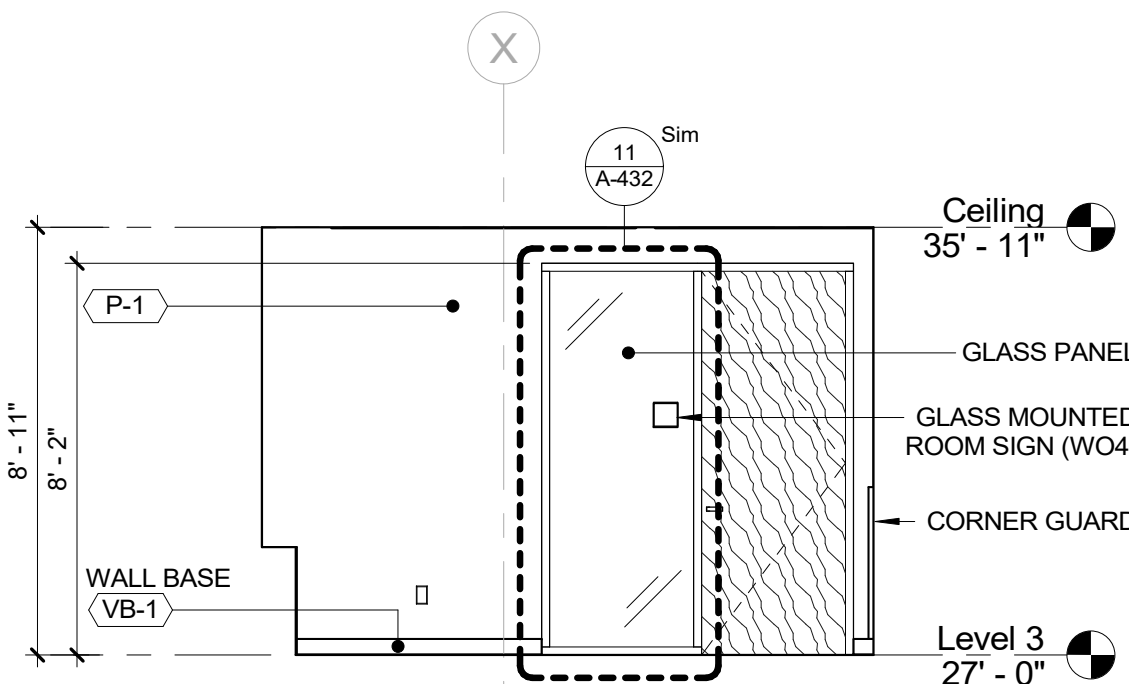
3 ELEVATION - DLR WAITING B
1/4" = 1'-0"



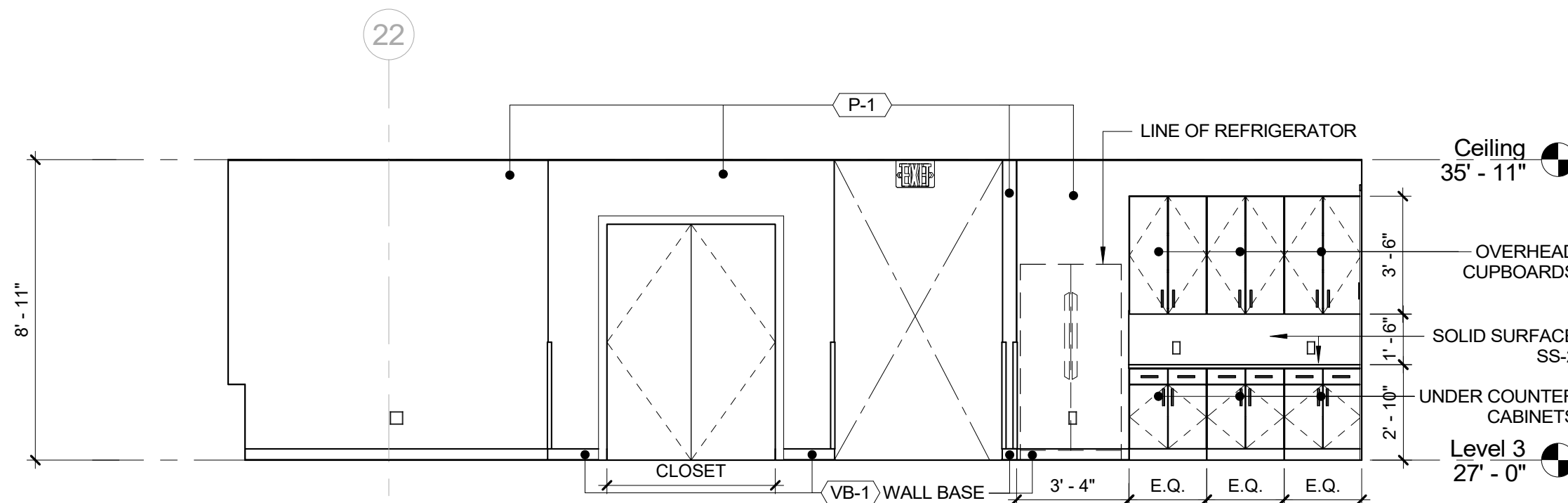
4 ELEVATION - DLR WAITING C
1/4" = 1'-0"



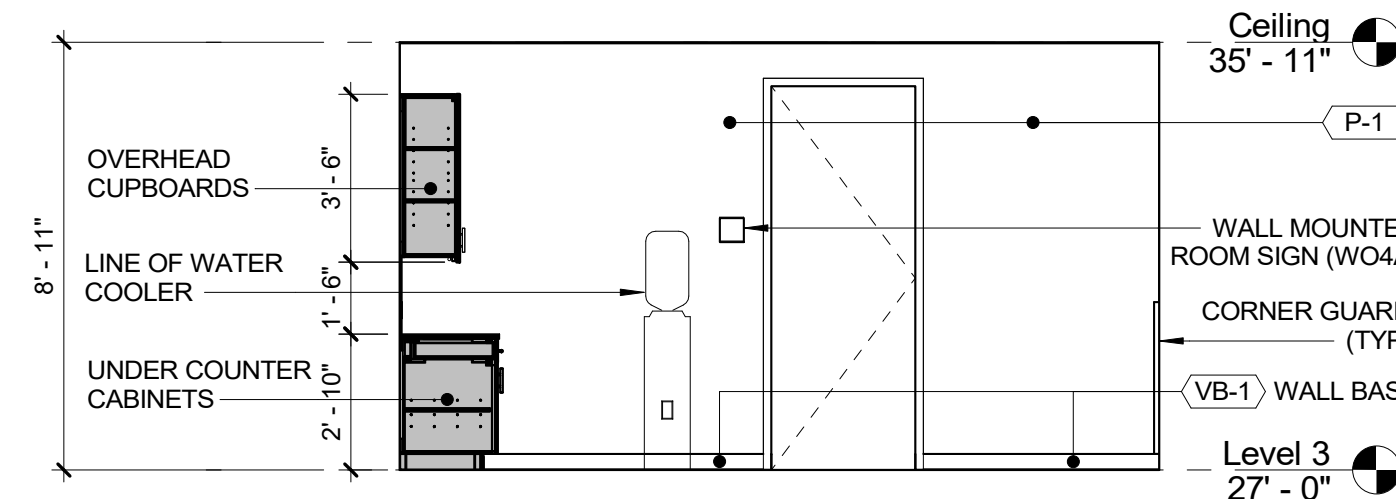
5 ELEVATION - DLR WAITING D
1/4" = 1'-0"



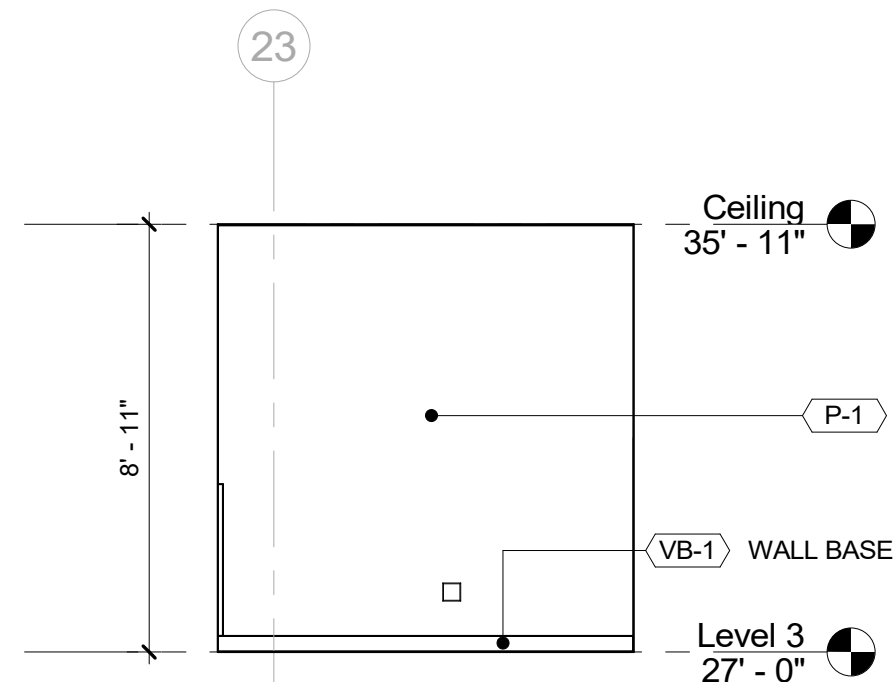
6 ELEVATION - DLR COUNTER C
1/4" = 1'-0"



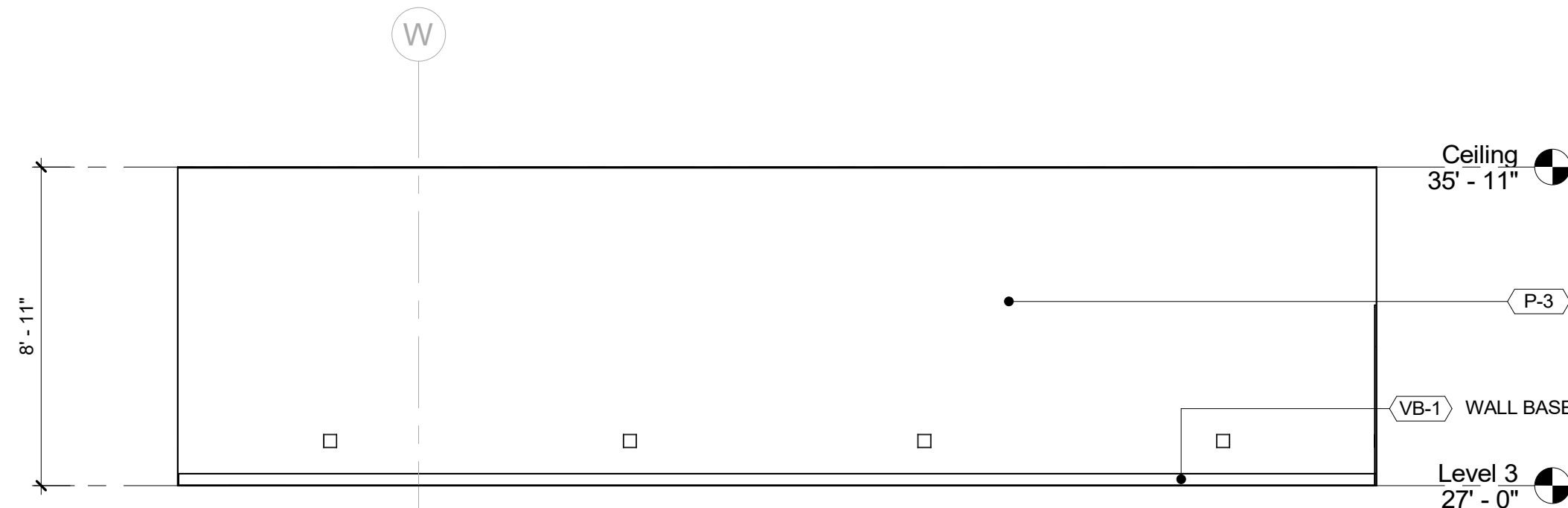
7 ELEVATION - DLR WORK STATIONS A
1/4" = 1'-0"



8 ELEVATION - DLR WORK STATIONS B
1/4" = 1'-0"

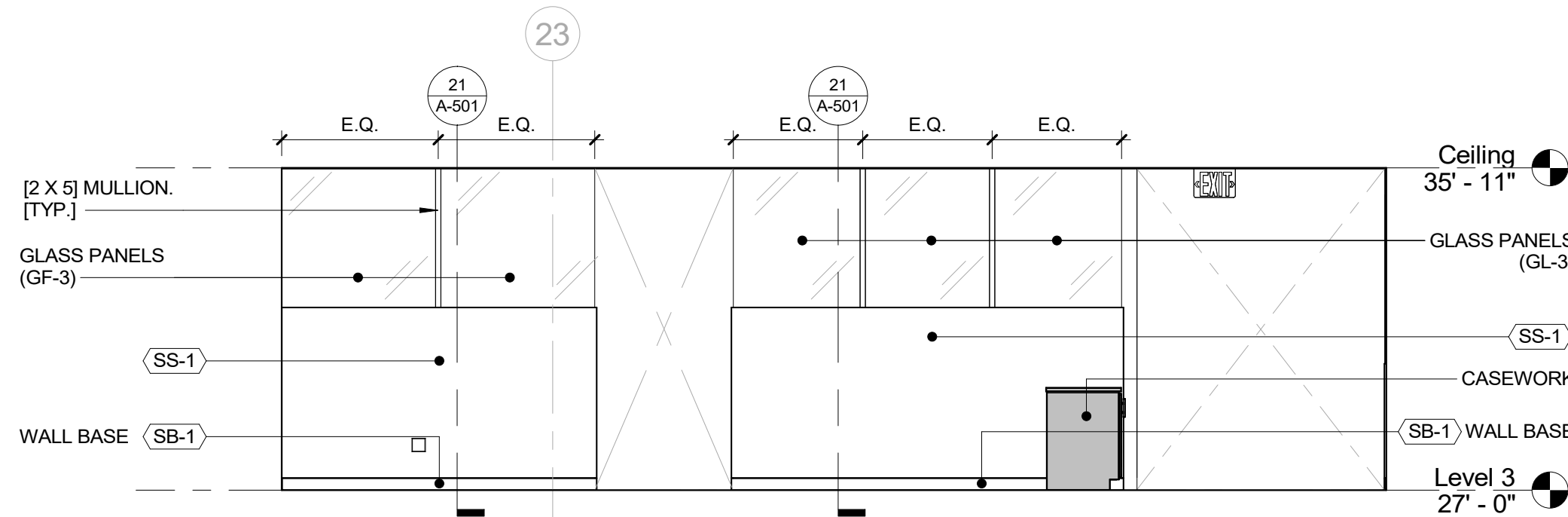


9 ELEVATION - DLR WORK STATIONS C
1/4" = 1'-0"

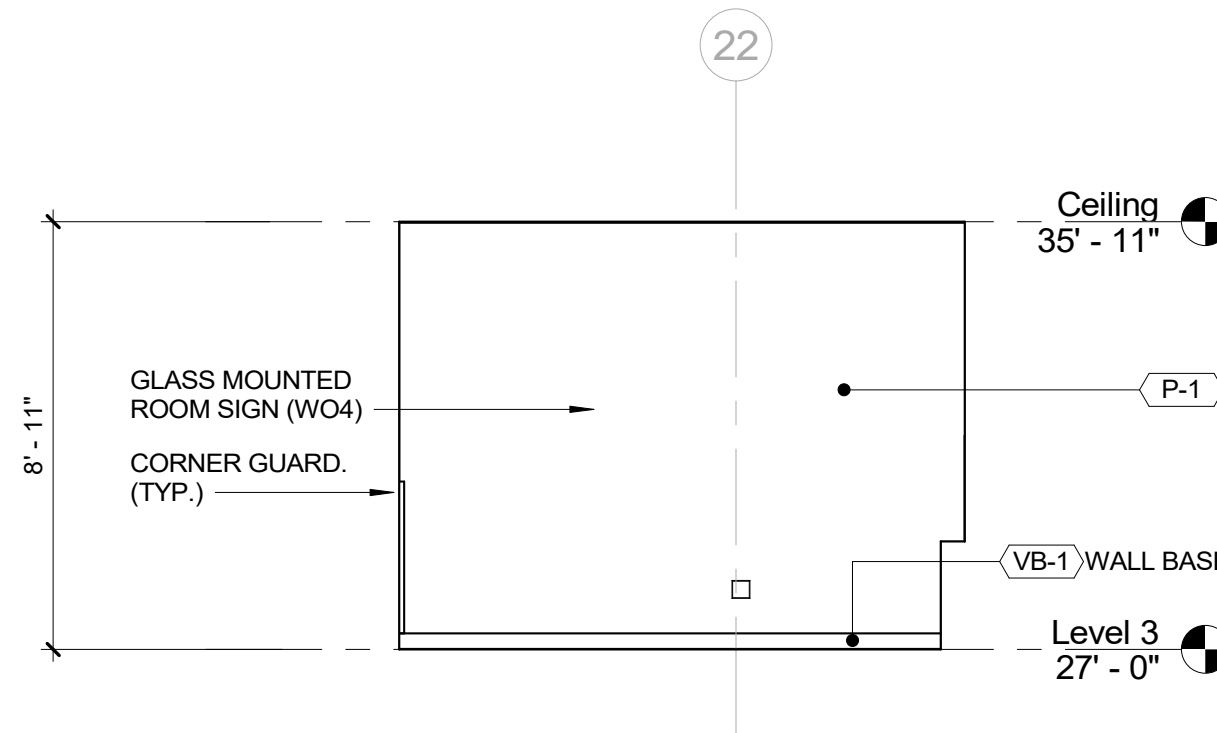


10 ELEVATION - DLR WORK STATIONS D
1/4" = 1'-0"

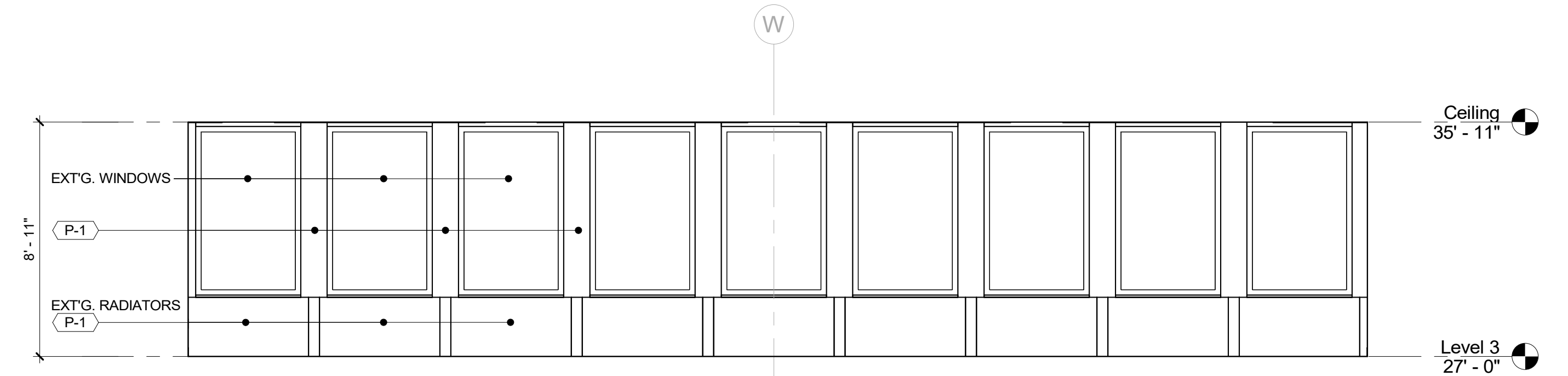
		CONSULTANT INFORMATION	
		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER		DATE	MADE BY APP'D BY REVISION
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CONTRACTOR		CONTRACTOR	
NAME:		NAME:	
SIGNATURE:		SIGNATURE:	
TITLE:		TITLE:	
DATE:		DATE:	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER A-213
DIVISION OF ENGINEERING		SHEET NO. 67	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/4" = 1'-0" DATE: May 20, 2021	Issue Date REV NO. 0
INTERIOR ELEVATIONS - CENTRAL & NORTH WING		52-01-A-511	



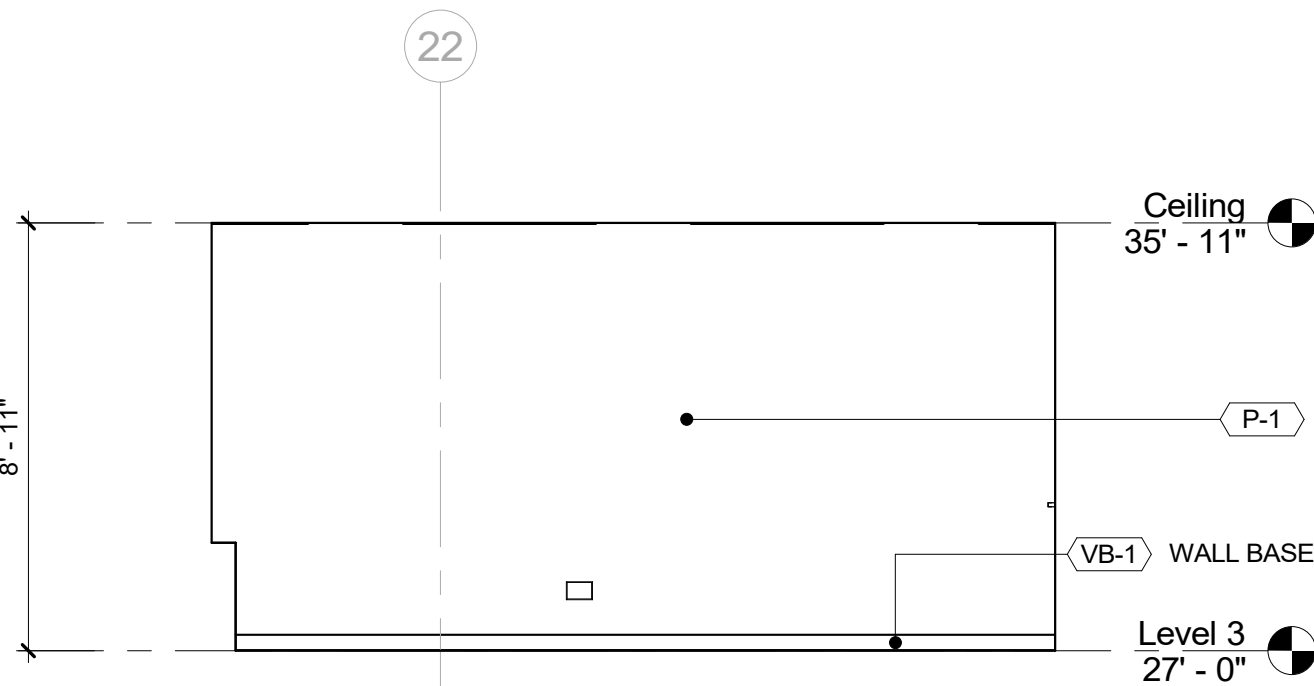
1 ELEVATION - DLR WORK STATIONS E
1/4" = 1'-0"



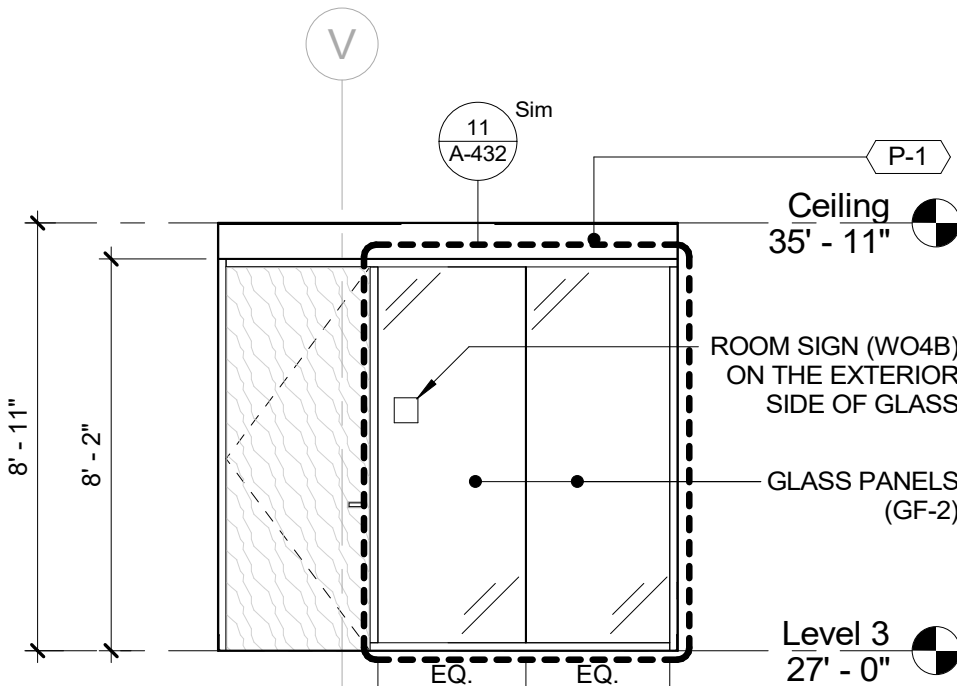
2 ELEVATION - DLR WORK STATIONS F
1/4" = 1'-0"



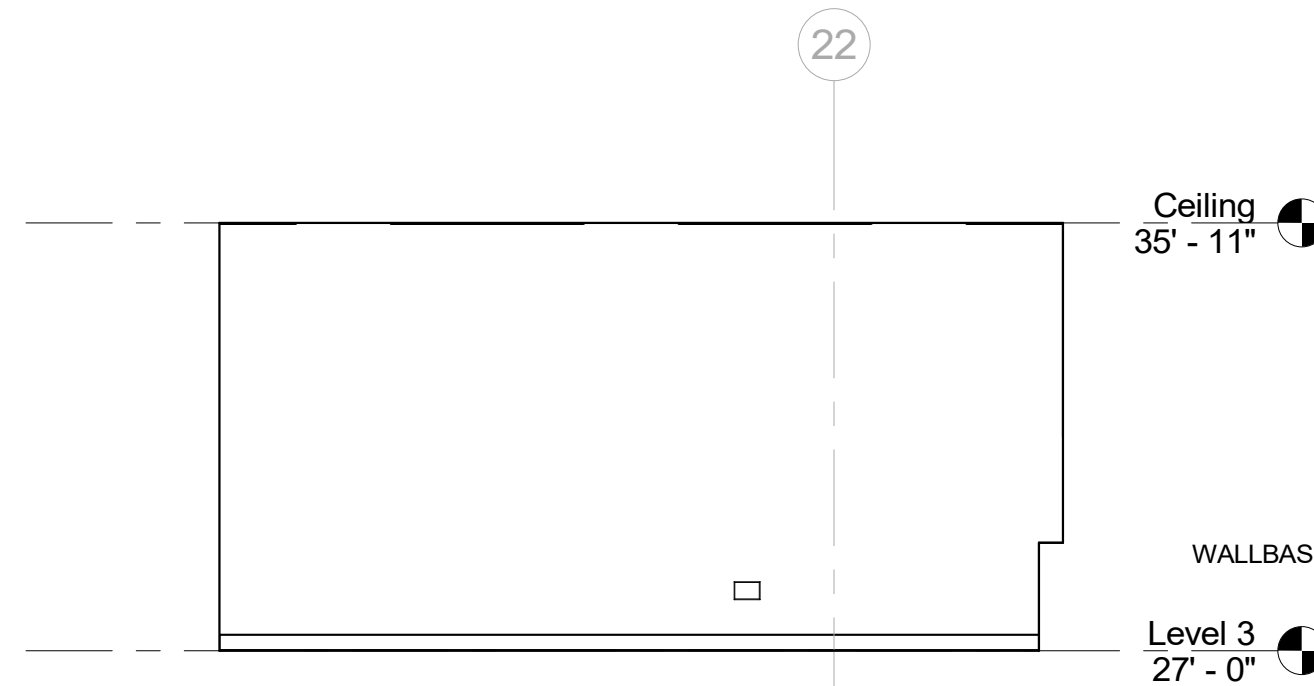
3 ELEVATION - DLR WORK STATIONS G
1/4" = 1'-0"



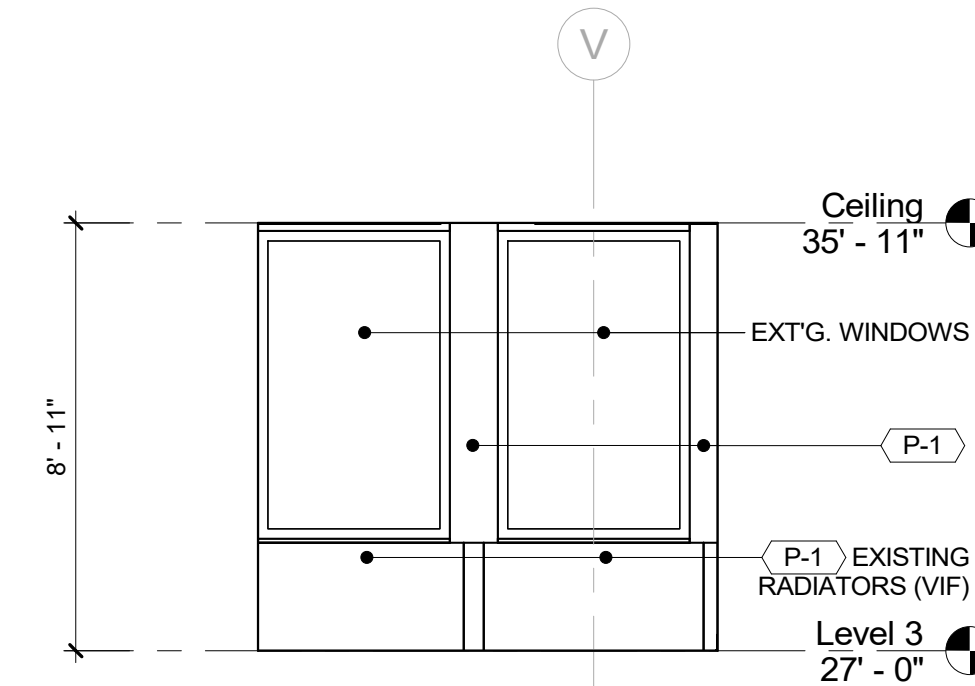
4 ELEVATION - DLR OFFICE 1 A
1/4" = 1'-0"



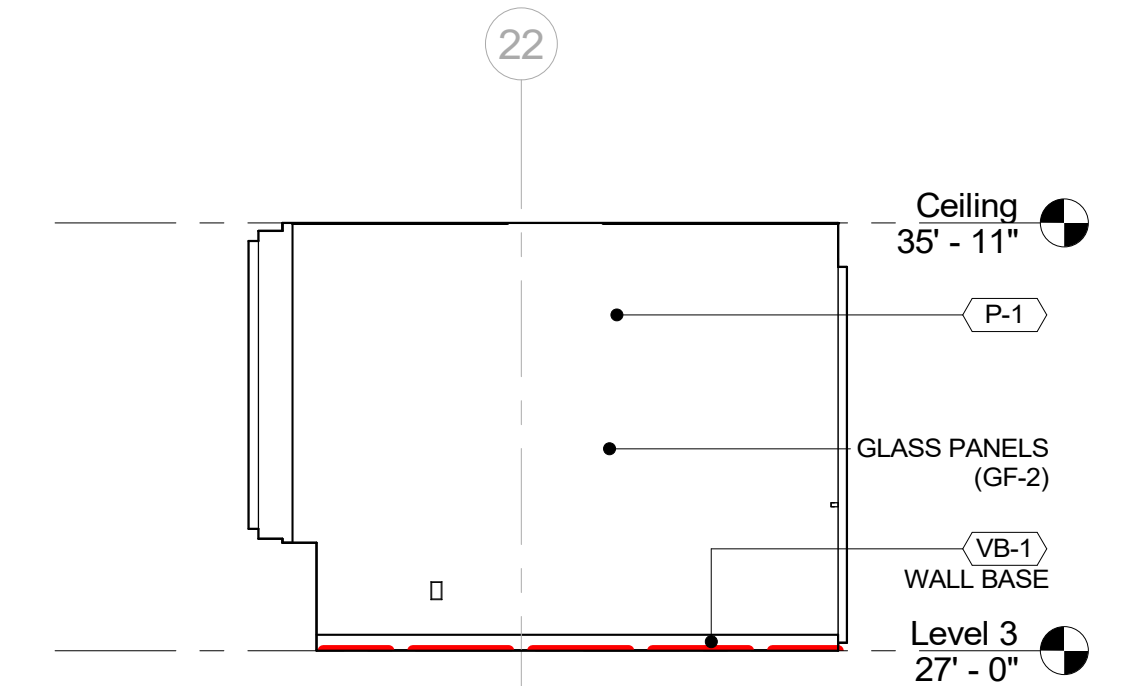
5 ELEVATION - DLR OFFICE 1 B
1/4" = 1'-0"



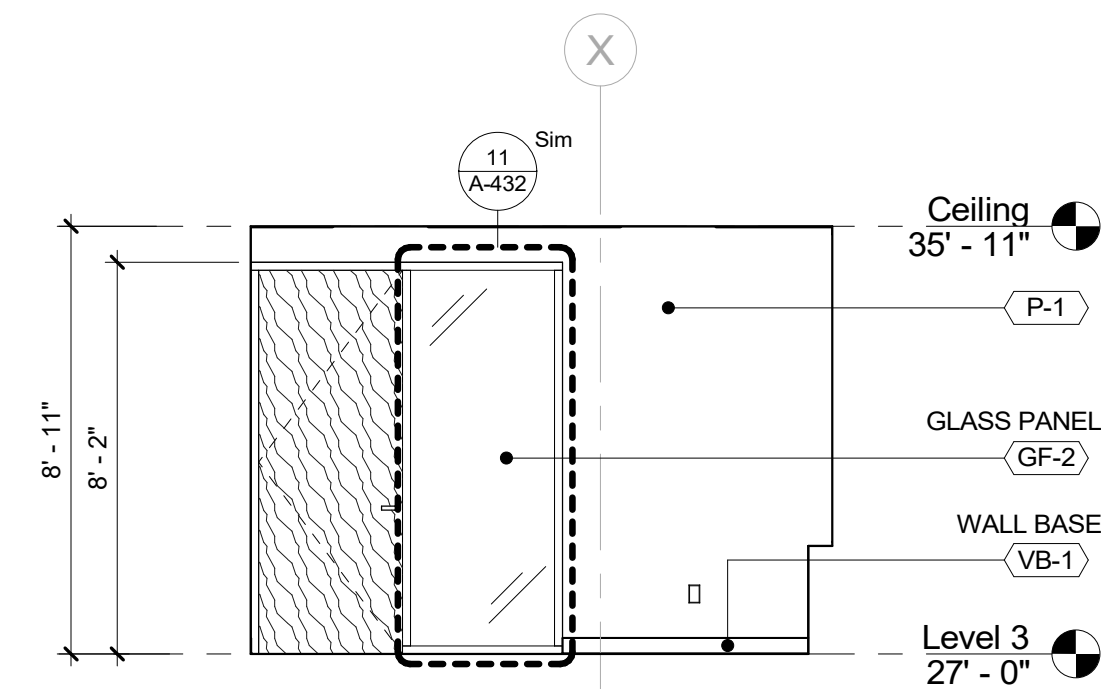
6 ELEVATION - DLR OFFICE 1 C
1/4" = 1'-0"



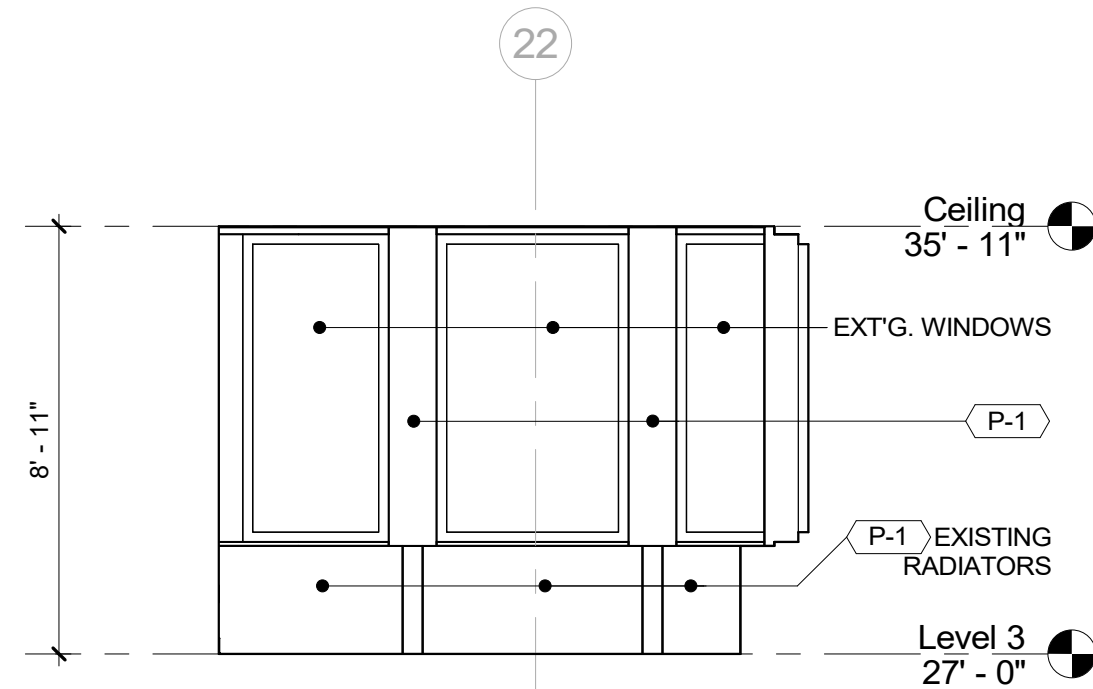
7 ELEVATION - DLR OFFICE 1 D
1/4" = 1'-0"



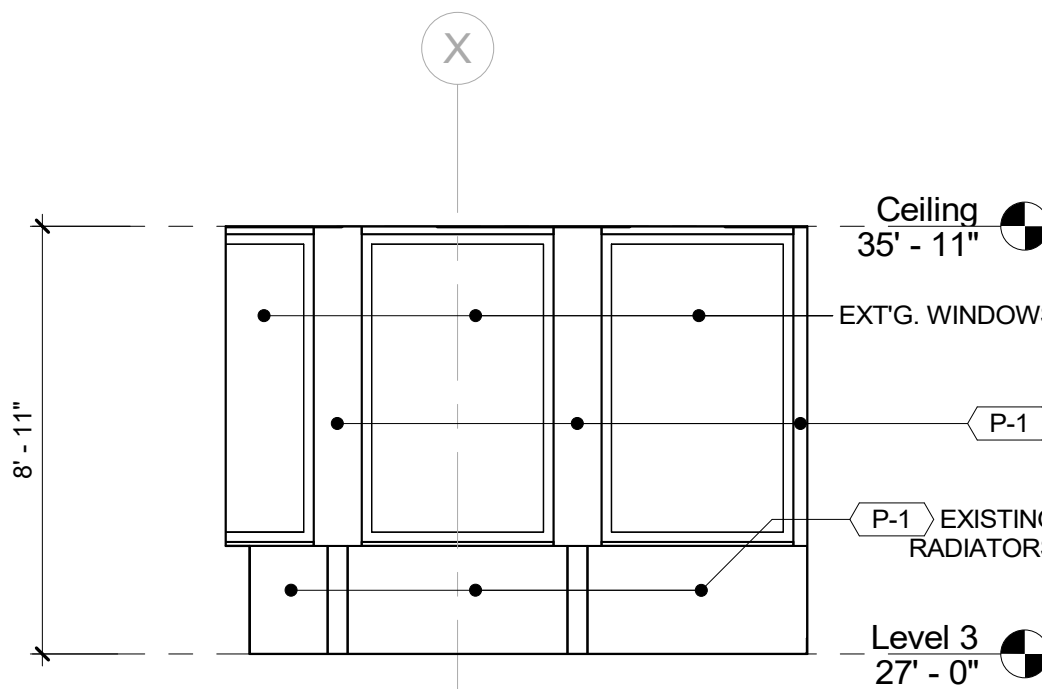
8 ELEVATION - DLR OFFICE 2 A
1/4" = 1'-0"



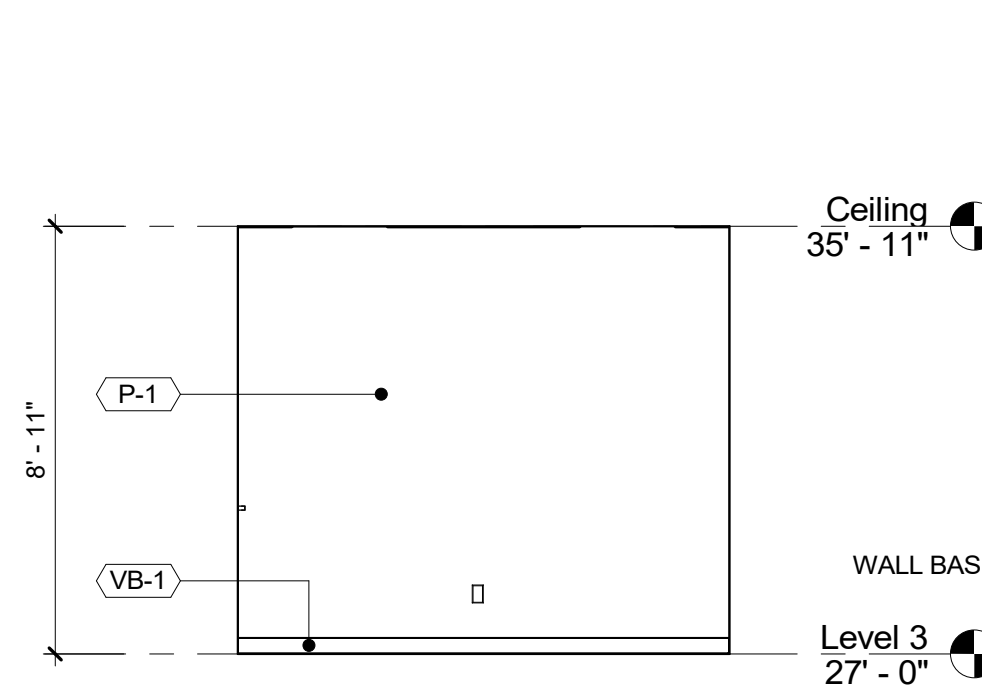
9 ELEVATION - DLR OFFICE 2 B
1/4" = 1'-0"



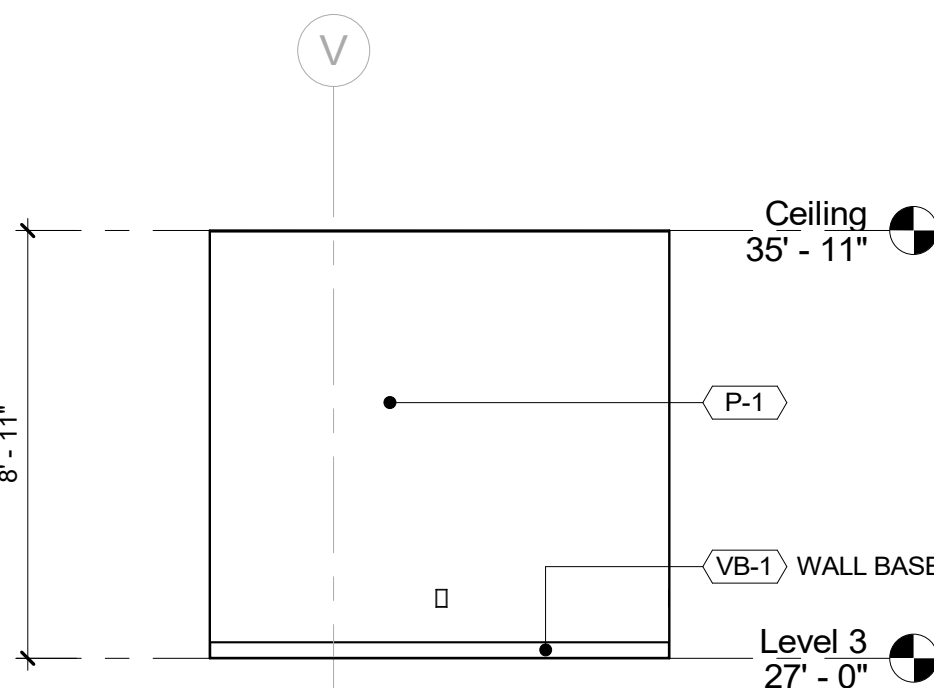
10 ELEVATION - DLR OFFICE 2 C
1/4" = 1'-0"



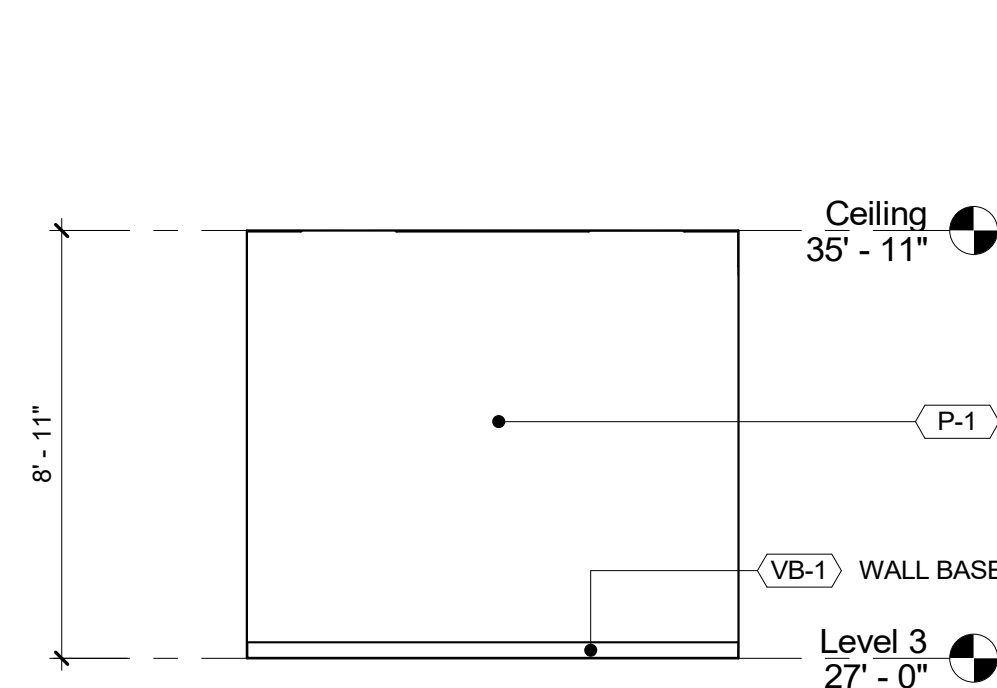
11 ELEVATION - DLR OFFICE 2 D
1/4" = 1'-0"



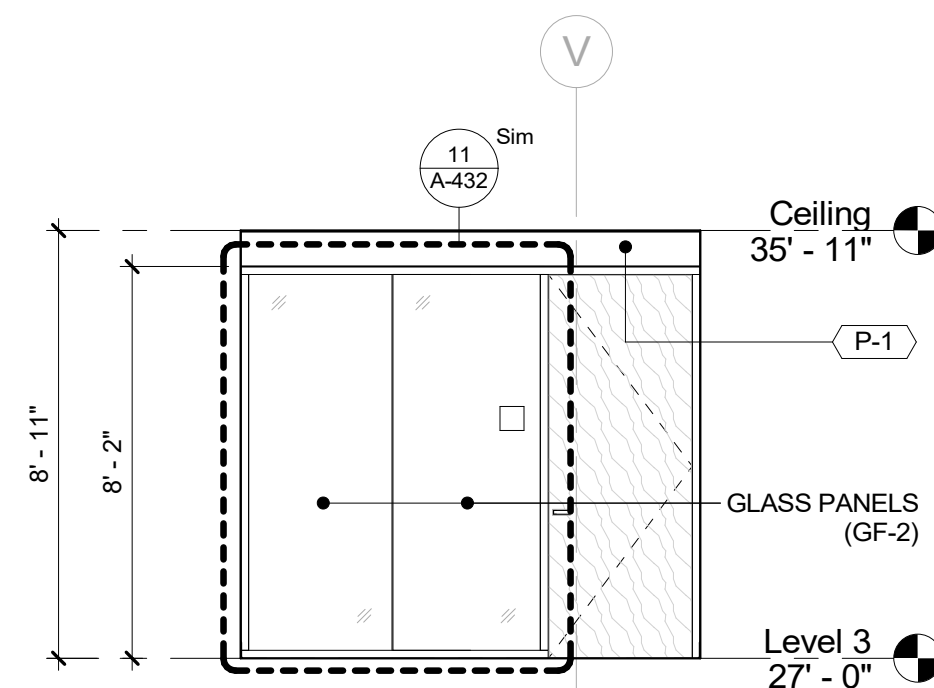
12 ELEVATION - DLR OFFICE 3 A
1/4" = 1'-0"



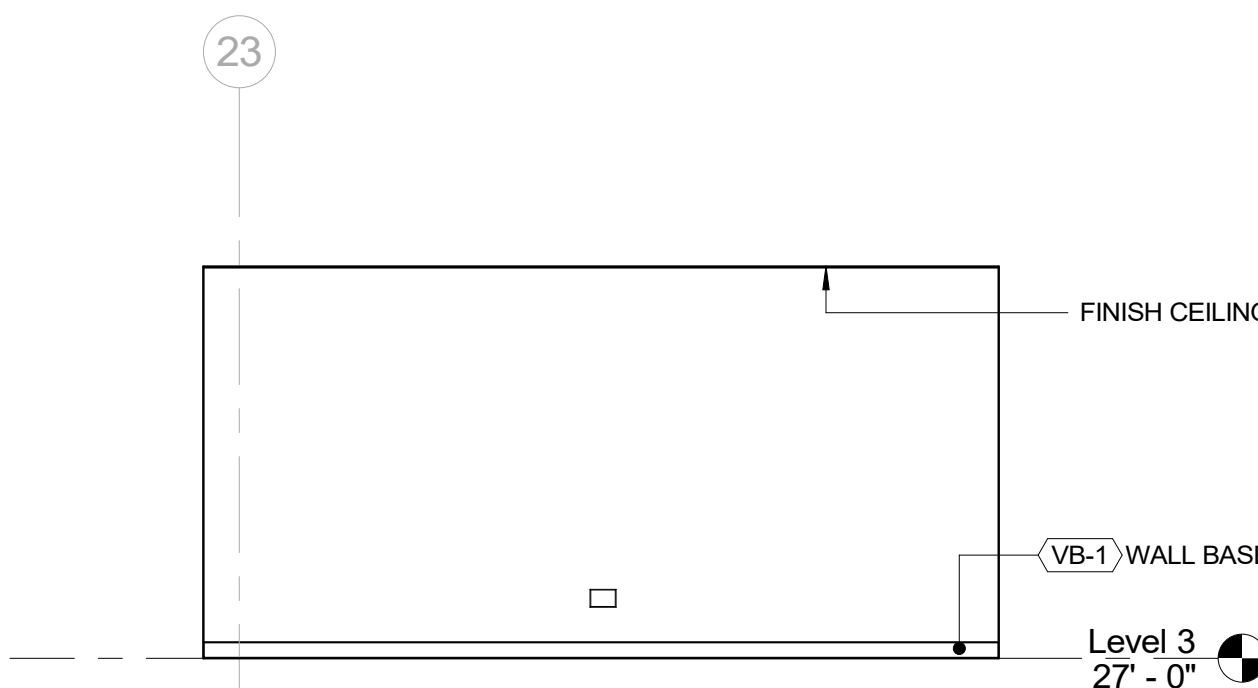
13 ELEVATION - DLR OFFICE 3 B
1/4" = 1'-0"



14 ELEVATION - DLR OFFICE 3 C
1/4" = 1'-0"

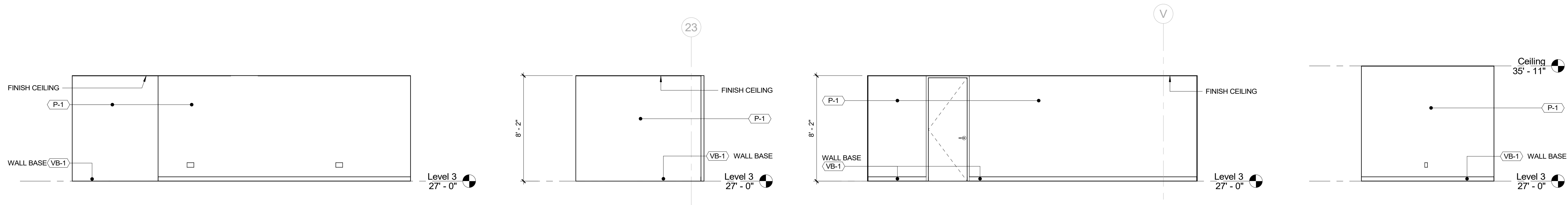


15 ELEVATION - DLR OFFICE 3 D
1/4" = 1'-0"



16 ELEVATION - DLR SCAN/MAP A
1/4" = 1'-0"

		CONSULTANT INFORMATION	
		Graf & Lewent Architects LLP	
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REVISION NUMBER		DATE	MADE BY APP'D BY REVISION
RECORD DRAWING CERTIFICATION			
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DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 68 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: 1/4" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021 Issue Date	
WHITE PLAINS, NEW YORK		DPW FILE NO. 52-01-A-512 REV NO. 0	
INTERIOR ELEVATIONS - CENTRAL & NORTH WING			

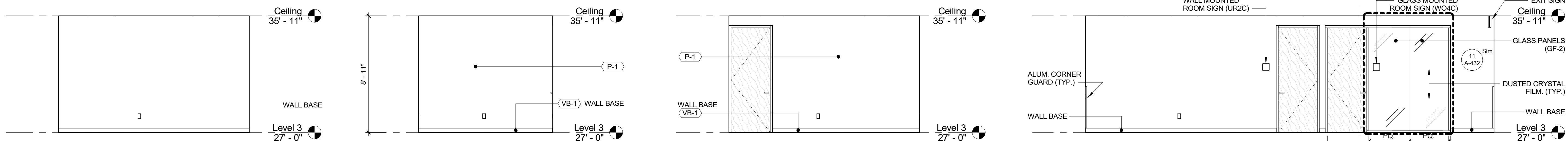


1 ELEVATION - DLR SCAN/MAP B
1/4" = 1'-0"

2 ELEVATION - DLR SCAN/MAP C
1/4" = 1'-0"

3 ELEVATION - DLR SCAN/MAP D
1/4" = 1'-0"

4 ELEVATION - DLR STORAGE A
1/4" = 1'-0"

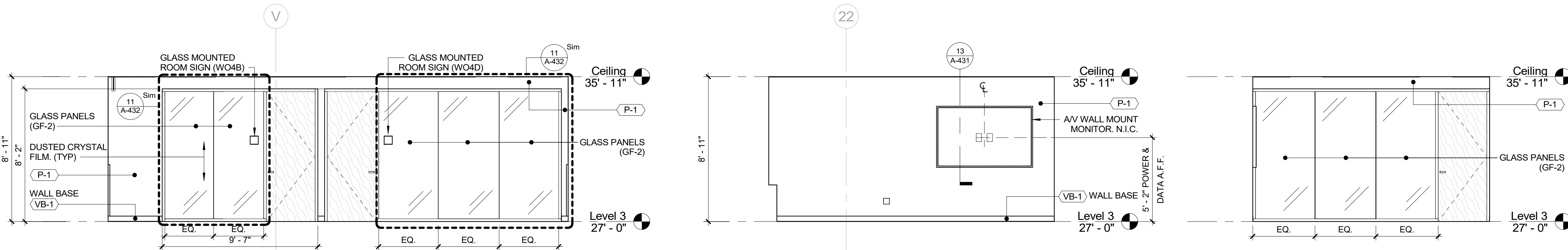


5 ELEVATION - DLR STORAGE B
1/4" = 1'-0"

6 ELEVATION - DLR STORAGE C
1/4" = 1'-0"

7 ELEVATION - DLR STORAGE D
1/4" = 1'-0"

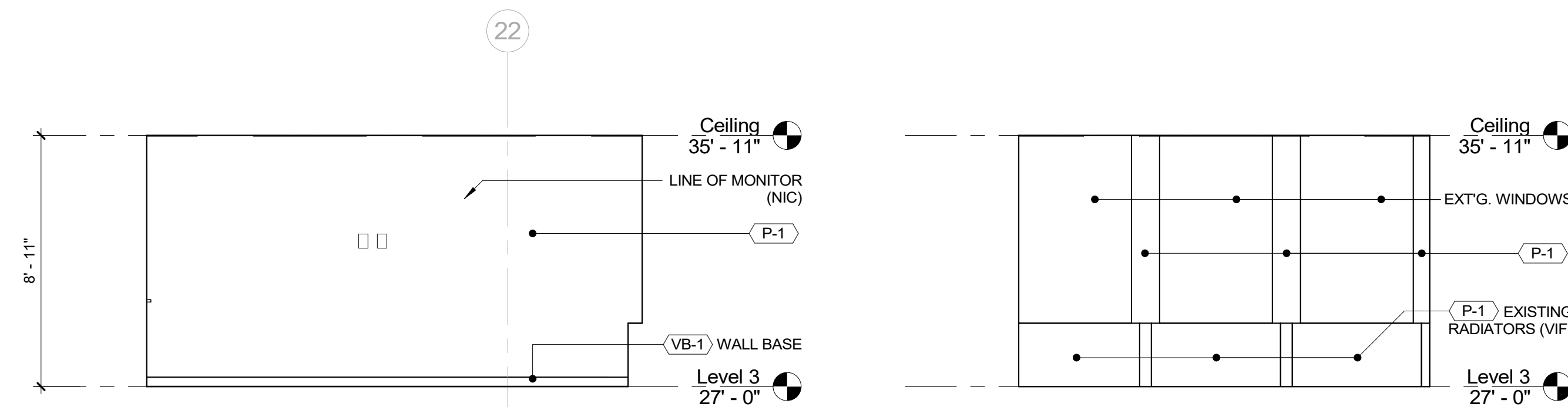
8 ELEVATION - DLR CORRIDOR A
1/4" = 1'-0"



9 ELEVATION - DLR CORRIDOR B
1/4" = 1'-0"

10 ELEVATION - WCC OFFICE 2 A
1/4" = 1'-0"

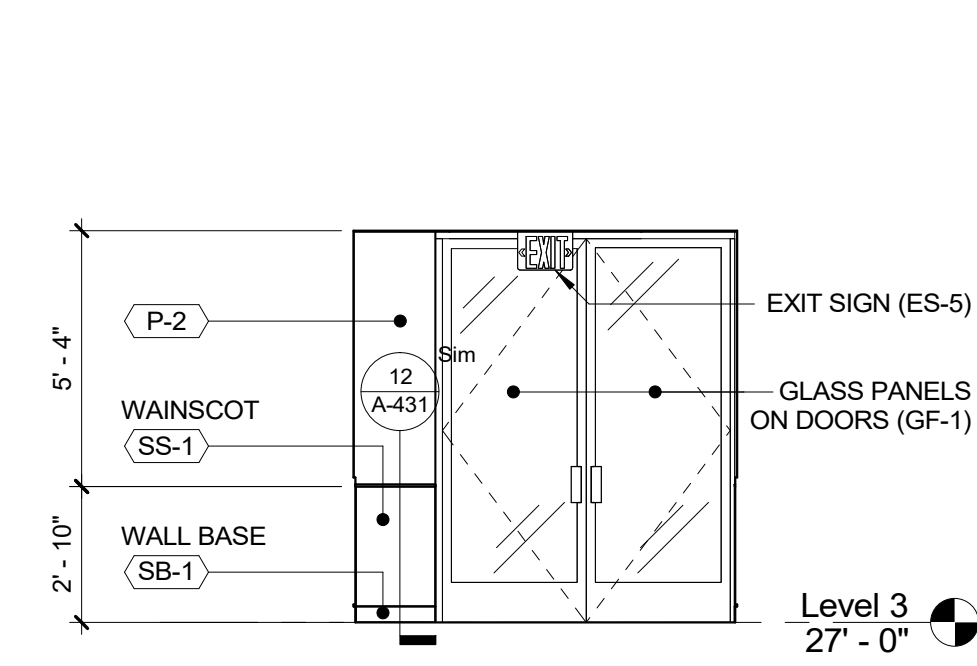
11 ELEVATION - WCC OFFICE 2 B
1/4" = 1'-0"



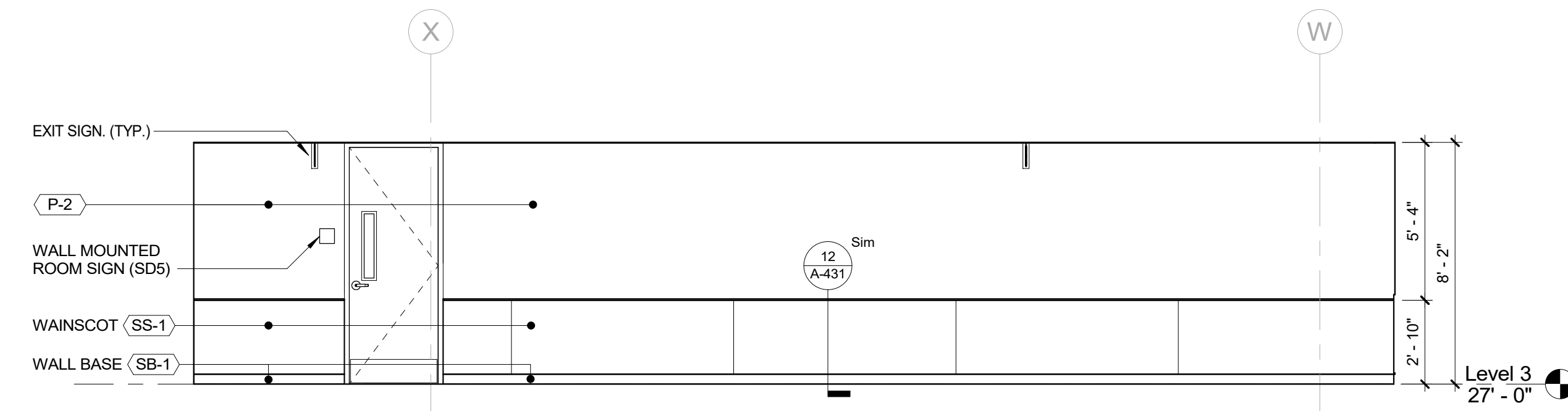
12 ELEVATION - WCC OFFICE 2 C
1/4" = 1'-0"

13 ELEVATION - WCC OFFICE 2 D
1/4" = 1'-0"

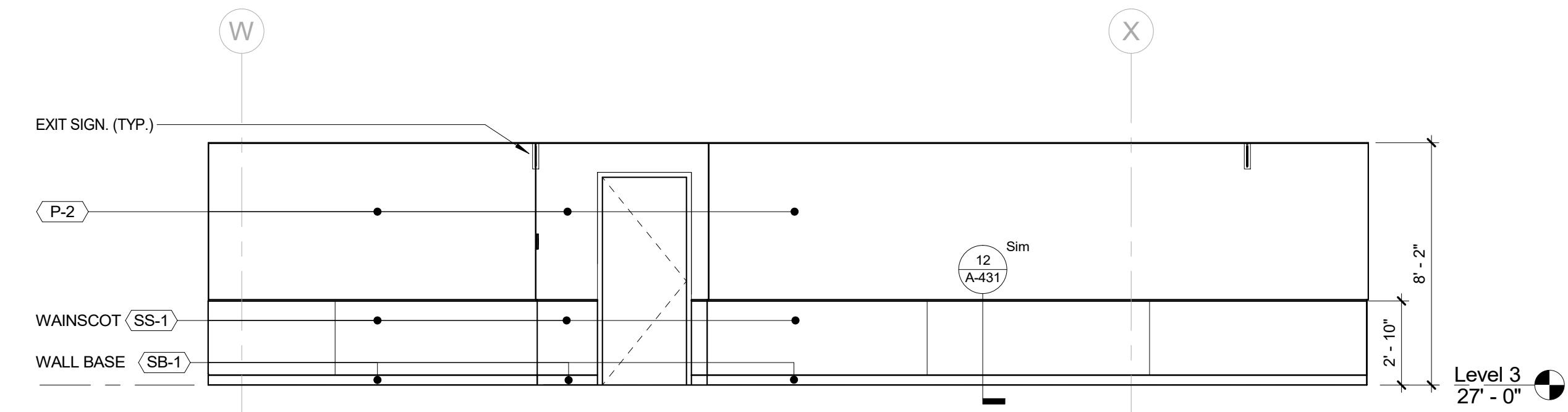
CONSULTANT SEAL 		CONSULTANT INFORMATION Graf & Lewent Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION			
REVISION NUMBER	DATE	MADE BY	APP'D BY
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514 SHEET NO. 69 OF 106	
DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SHEET NUMBER A-215	
INTERIOR ELEVATIONS - CENTRAL & NORTH WING		SCALE: 1/4" = 1'-0" DATE: May 20, 2021 DPW FILE NO. 52-01-A-513	



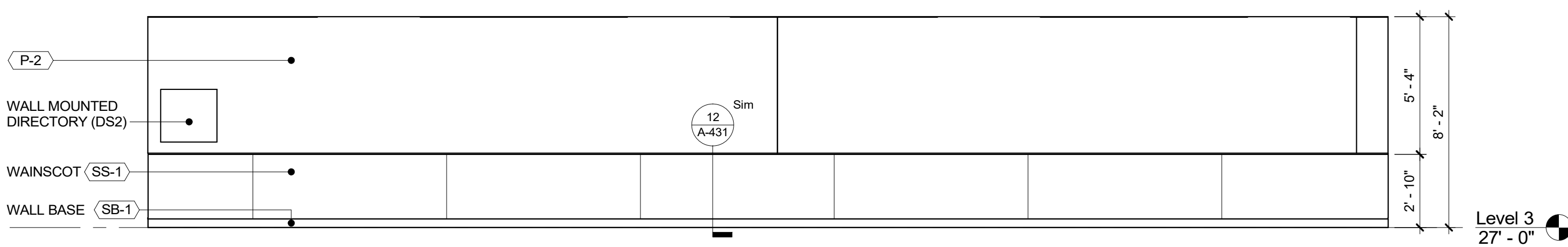
1 ELEVATION - NORTH WING HALLWAY 1 A
1/4" = 1'-0"



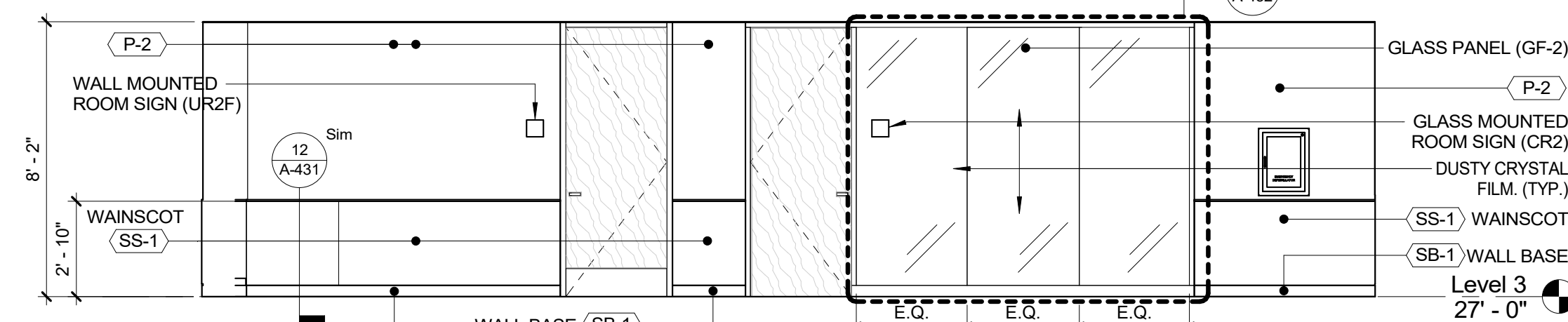
2 ELEVATION - NORTH WING HALLWAY 1 B
1/4" = 1'-0"



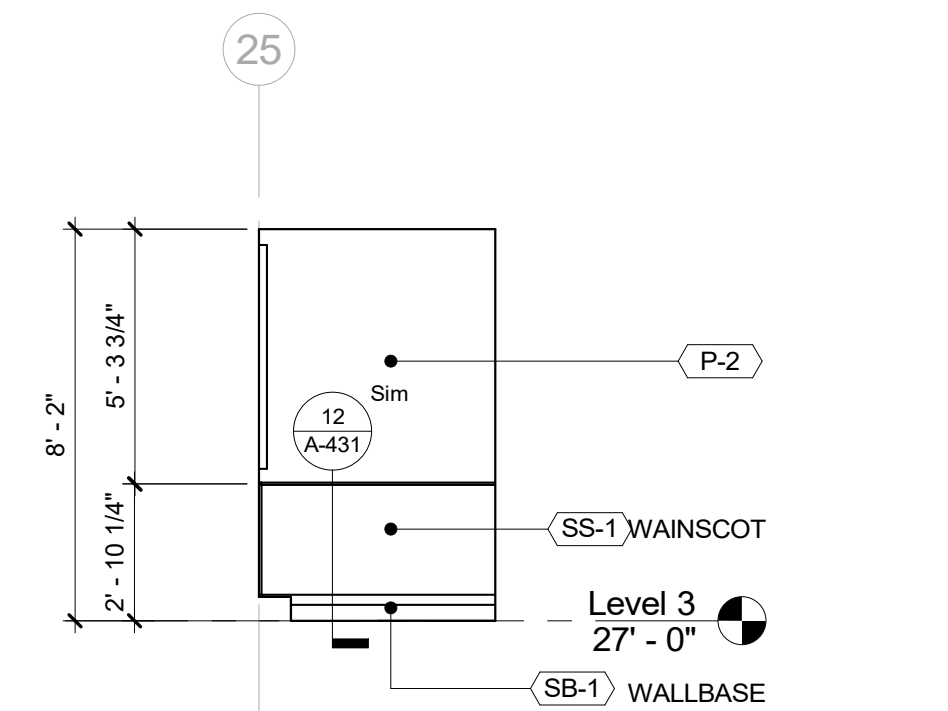
3 ELEVATION - NORTH WING HALLWAY 1 C
1/4" = 1'-0"



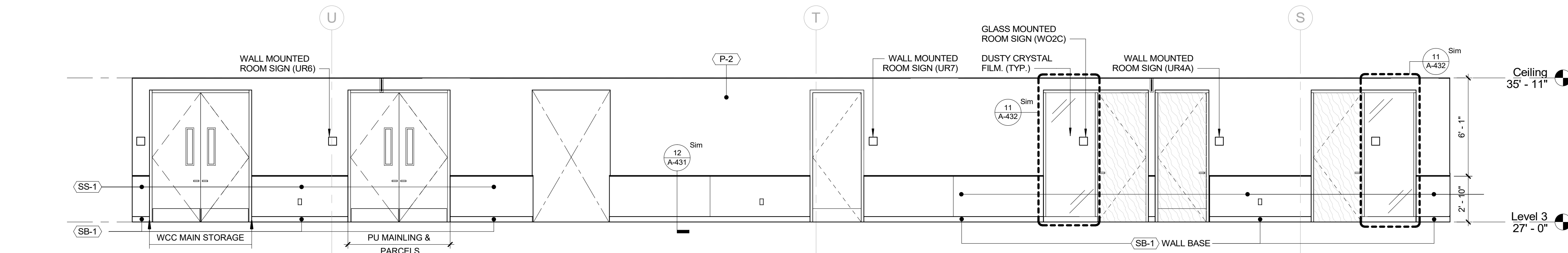
4 ELEVATION - NORTH WING HALLWAY 1 D
1/4" = 1'-0"



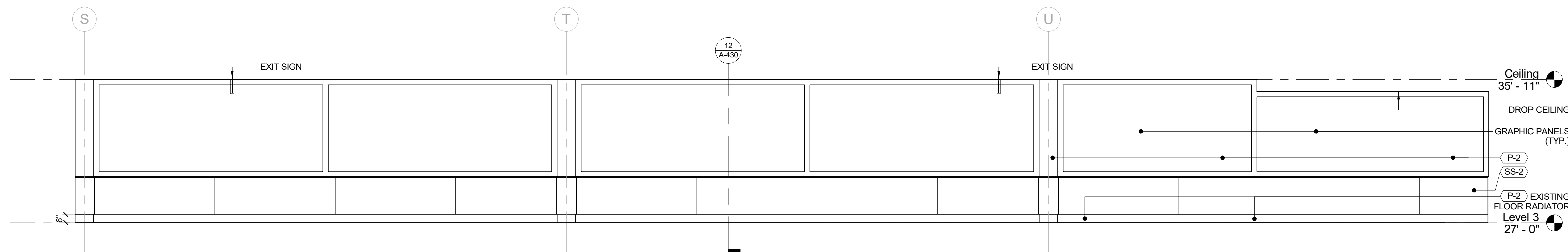
5 ELEVATION - NORTH WING HALLWAY 1 E
1/4" = 1'-0"



6 ELEVATION - NORTH WING HALLWAY 1 F
1/4" = 1'-0"

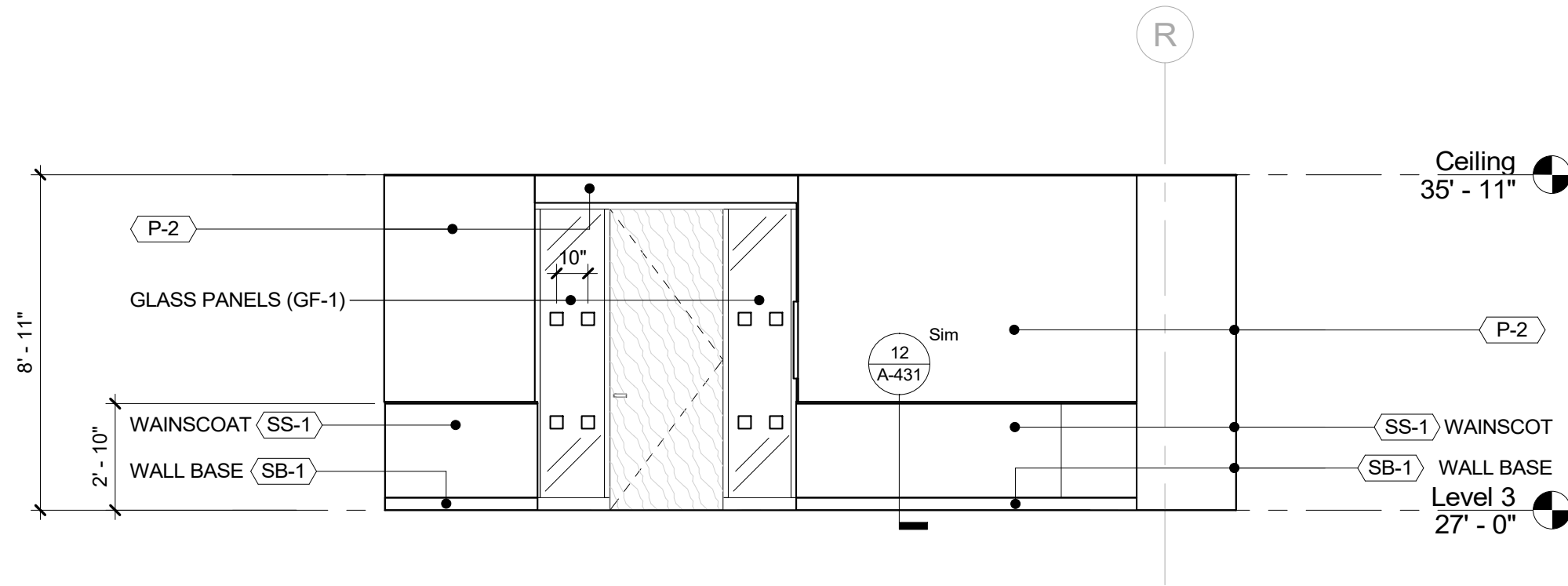


7 ELEVATION - NORTH WING HALLWAY 1 G
1/4" = 1'-0"

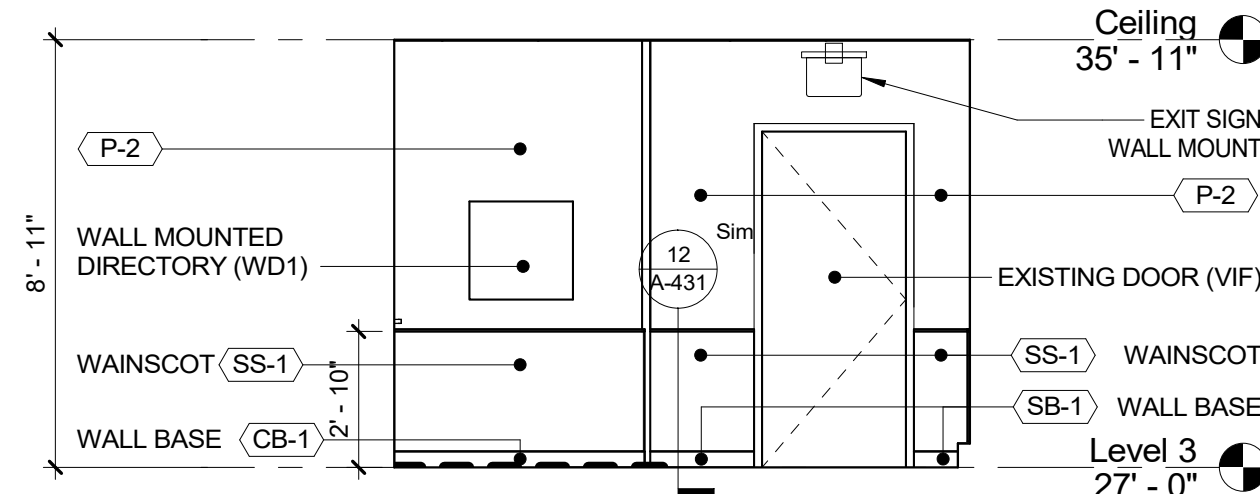


8 ELEVATION - NORTH WING HALLWAY 1 H
1/4" = 1'-0"

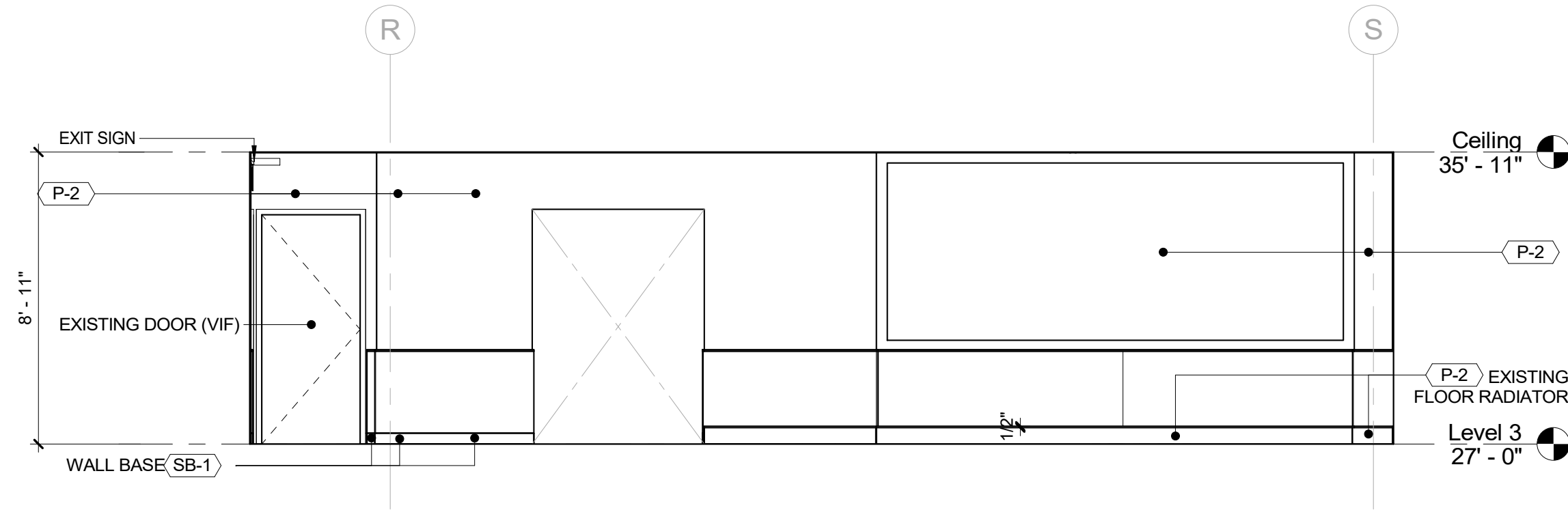
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		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER		DATE	MADE BY
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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 70 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: 1/4" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021	
WHITE PLAINS, NEW YORK		Issue Date	
INTERIOR ELEVATIONS - CENTRAL & NORTH WING		DPW FILE NO. 52-01-A-514	
		REV NO. 0	



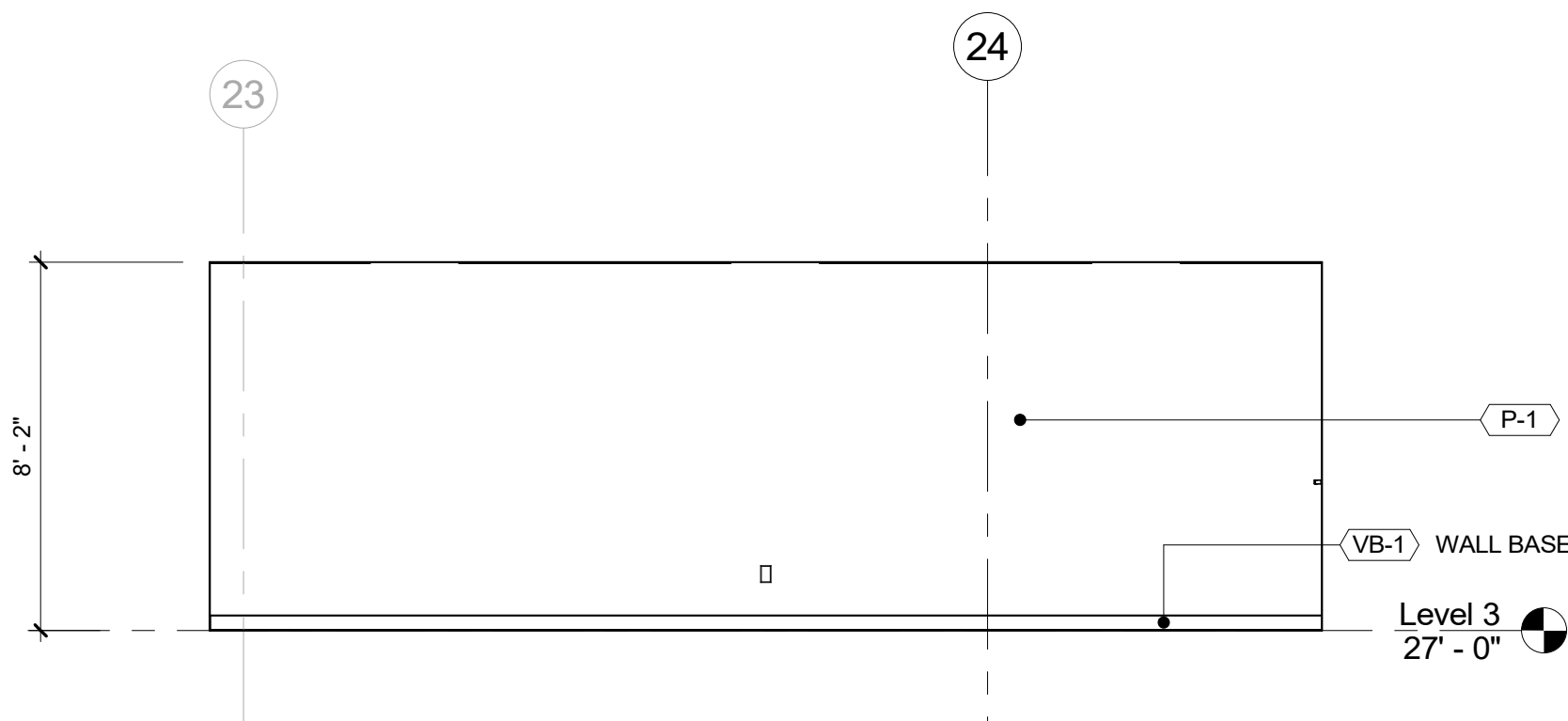
1 ELEVATION - NORTH WING HALLWAY 1 I
1/4" = 1'-0"



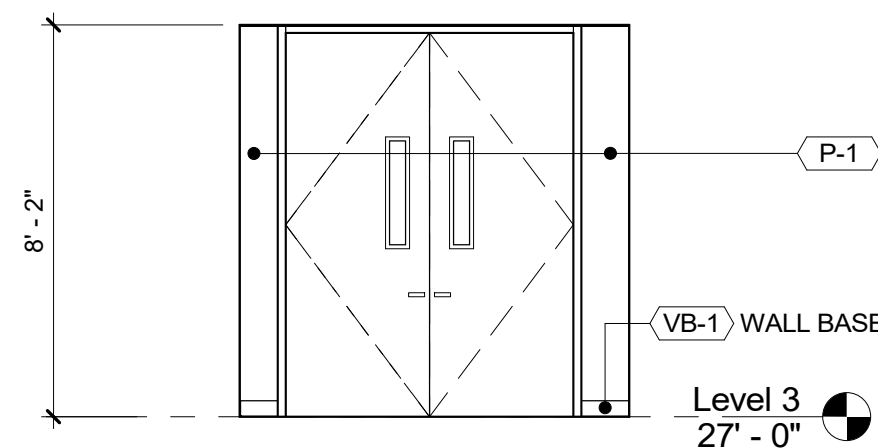
2 ELEVATION - NORTH WING HALLWAY 1 J
1/4" = 1'-0"



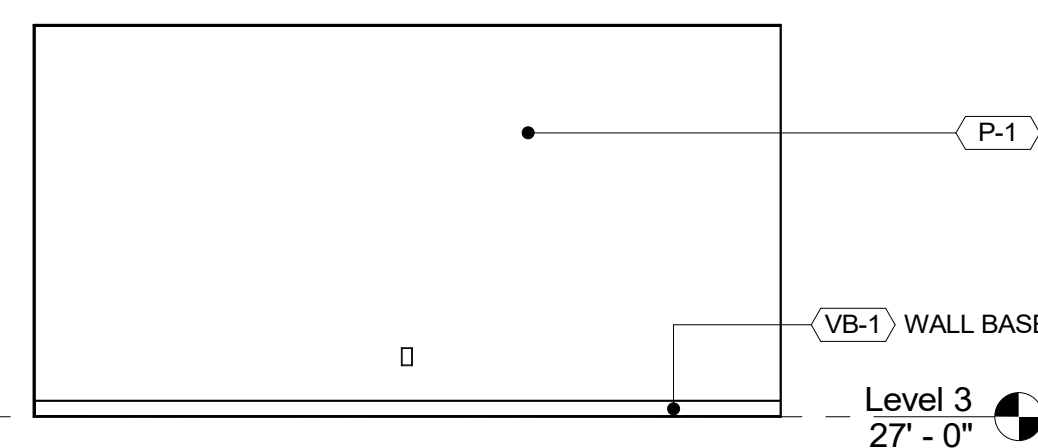
3 ELEVATION - NORTH WING HALLWAY 1 K
1/4" = 1'-0"



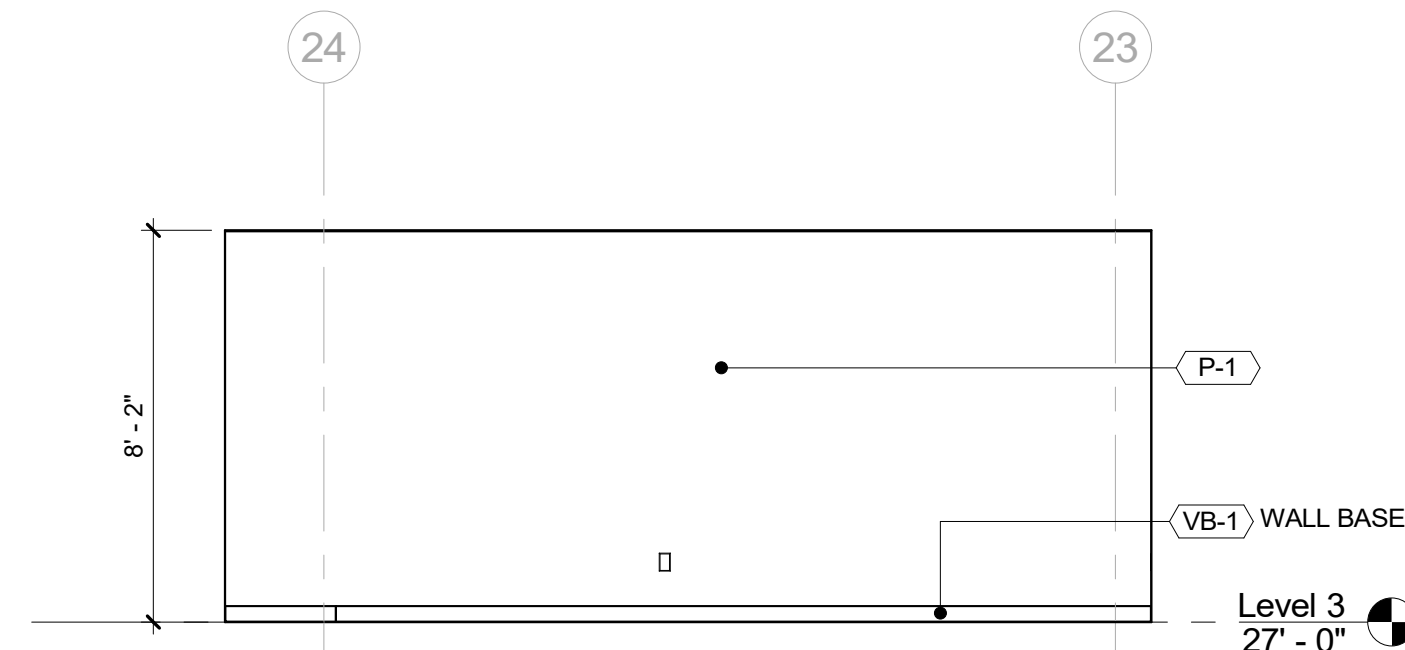
4 ELEVATION - WCC MAIN STORAGE A
1/4" = 1'-0"



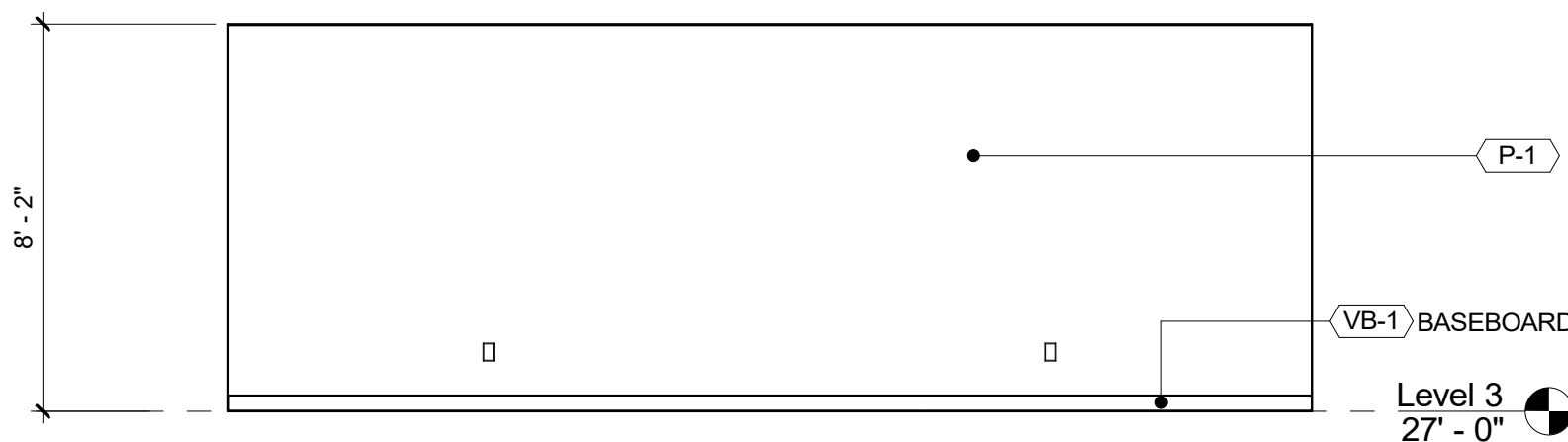
5 ELEVATION - WCC MAIN STORAGE B
1/4" = 1'-0"



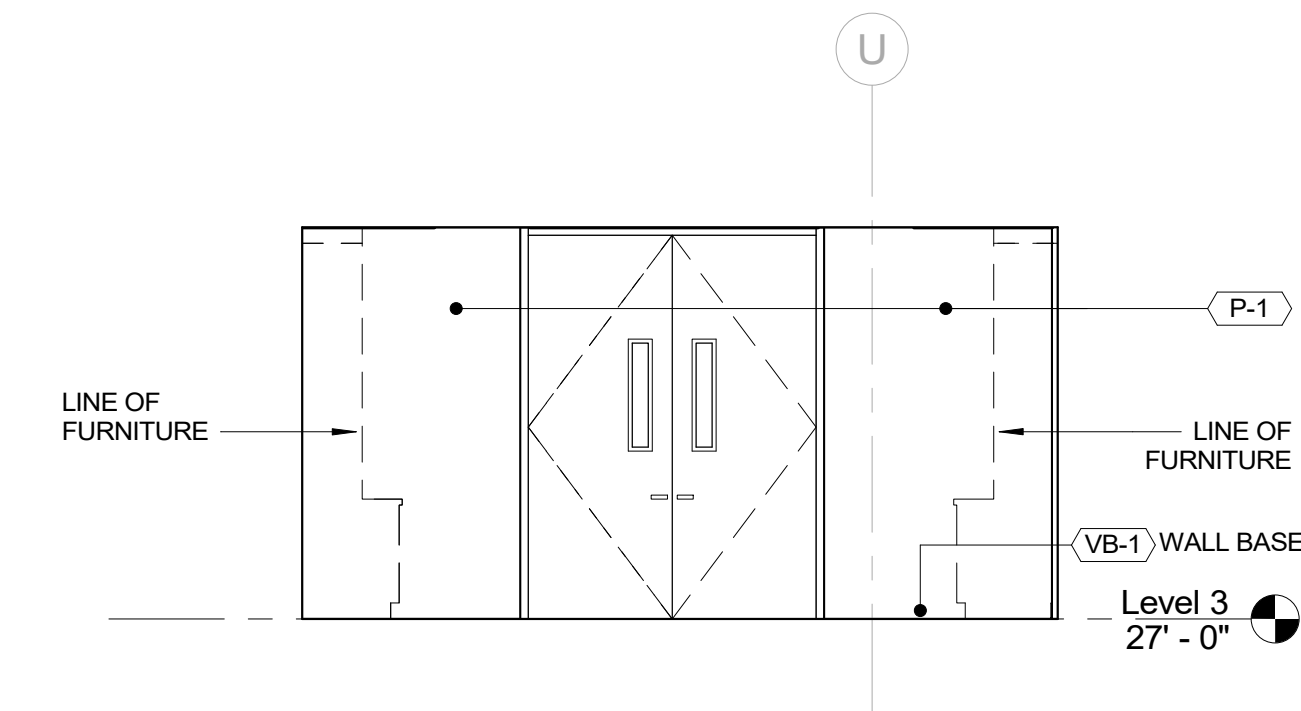
6 ELEVATION - WCC MAIN STORAGE C
1/4" = 1'-0"



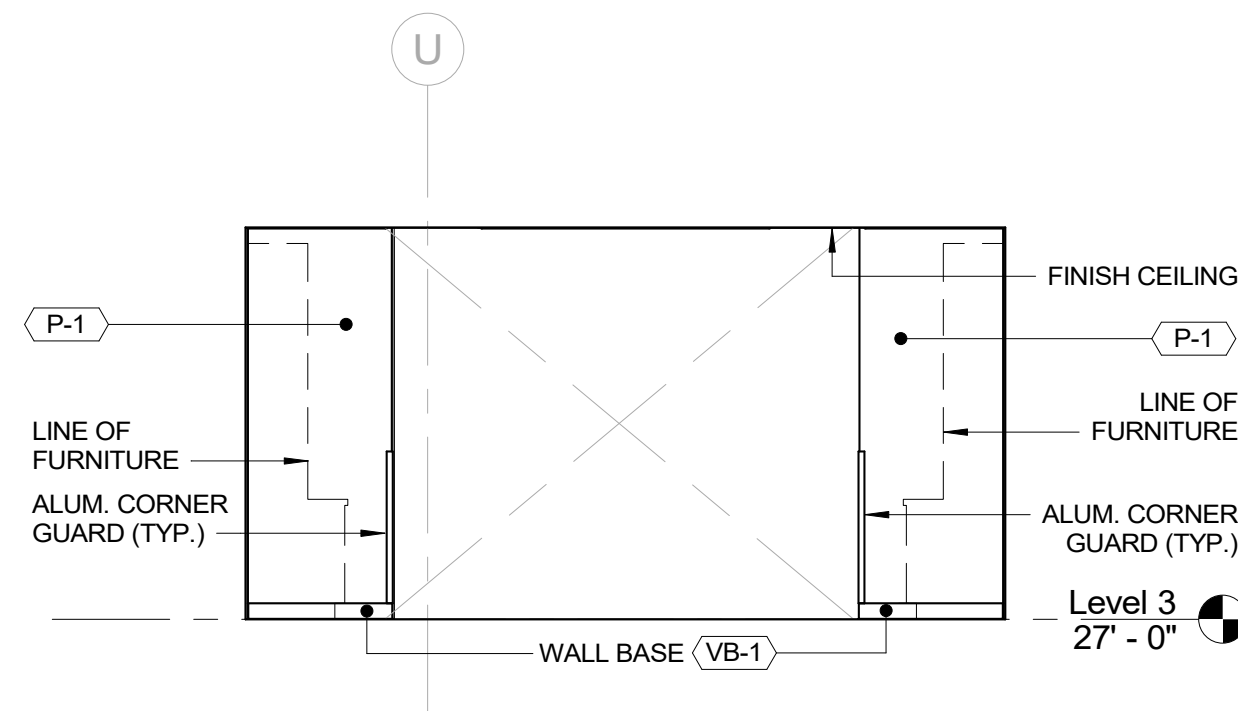
7 ELEVATION - WCC MAIN STORAGE D
1/4" = 1'-0"



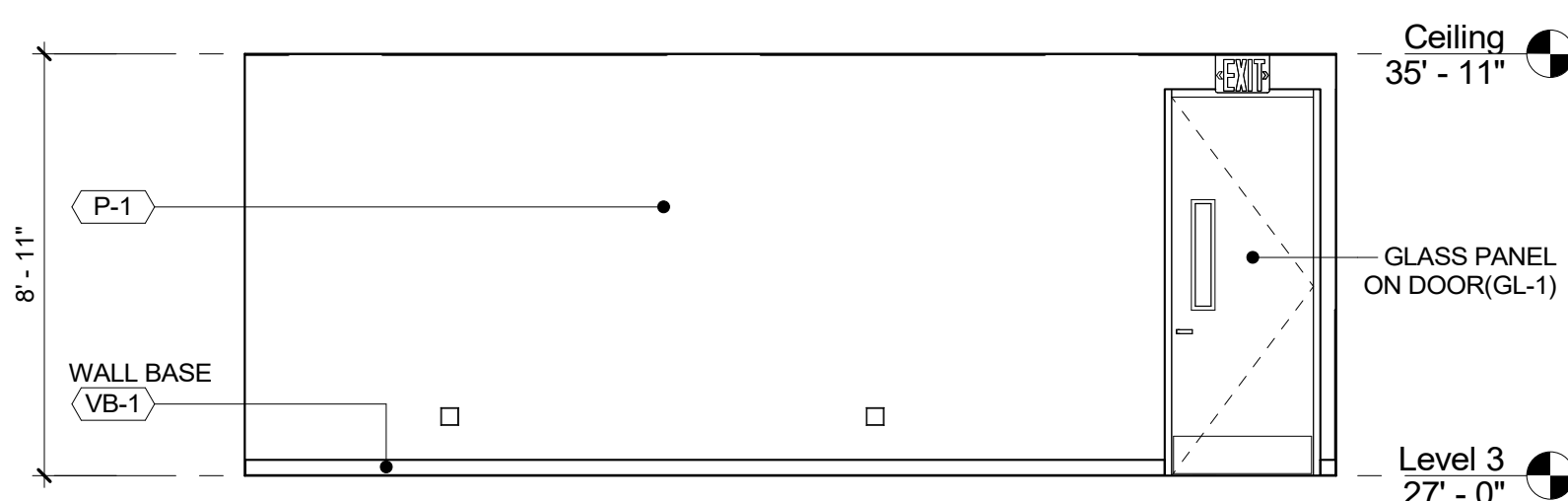
8 ELEVATION - WCC MAIN STORAGE E
1/4" = 1'-0"



10 ELEVATION - PU MAILING & PARCELS B
1/4" = 1'-0"

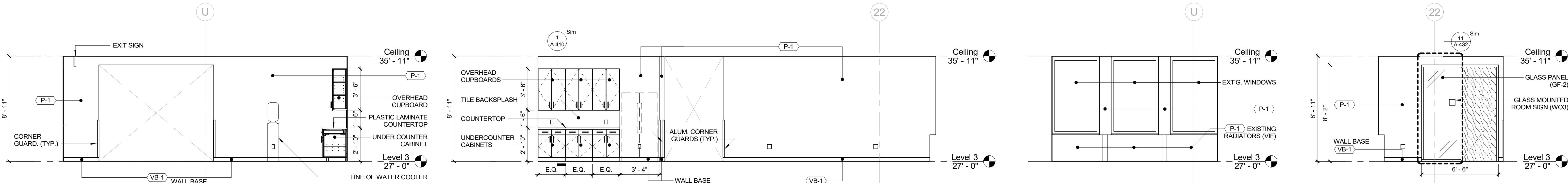


12 ELEVATION - PU MAILING & PARCELS D
1/4" = 1'-0"



13 ELEVATION - PU WORK STATIONS A
1/4" = 1'-0"

		CONSULTANT INFORMATION																										
		Graf & Lewent 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 19-514	SHEET NUMBER A-217																									
DIVISION OF ENGINEERING		SHEET NO. 71	OF 106																									
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/4" = 1'-0" DATE: May 20, 2021 DPW FILE NO. 52-01-A-515	Issue Date REV NO 0																									
INTERIOR ELEVATIONS - CENTRAL & NORTH WING																												

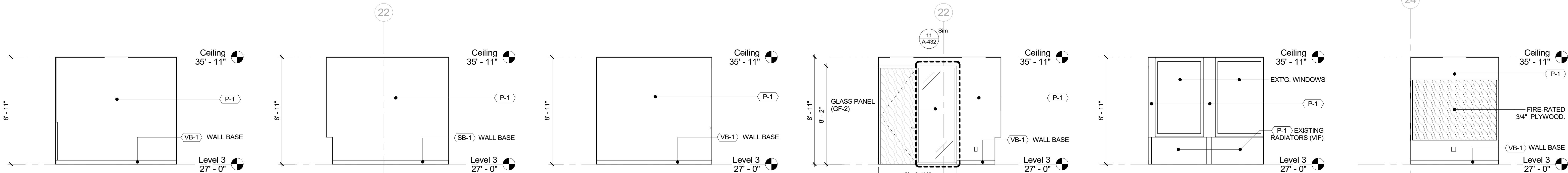


1 ELEVATION - PU WORK STATIONS B
1/4" = 1'-0"

2 ELEVATION - PU WORK STATIONS C
1/4" = 1'-0"

3 ELEVATION - PU WORK STATIONS D
1/4" = 1'-0"

4 ELEVATION - PU WORK STATIONS E
1/4" = 1'-0"



5 ELEVATION - PU WORK STATIONS F
1/4" = 1'-0"

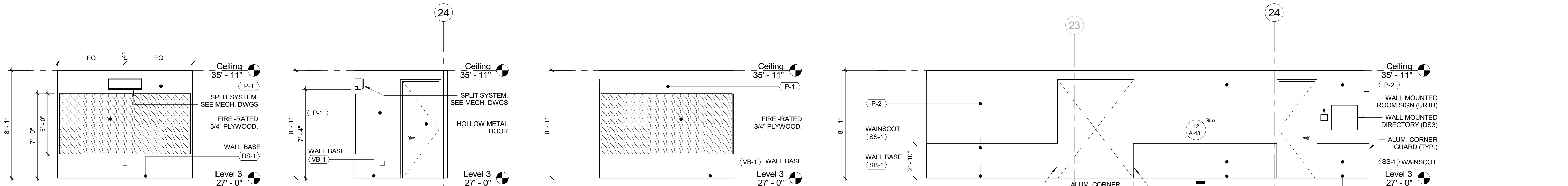
6 ELEVATION - PU OFFICE A
1/4" = 1'-0"

7 ELEVATION - PU OFFICE B
1/4" = 1'-0"

8 ELEVATION - PU OFFICE C
1/4" = 1'-0"

9 ELEVATION - PU OFFICE D
1/4" = 1'-0"

10 ELEVATION - I.T. NORTH A
1/4" = 1'-0"

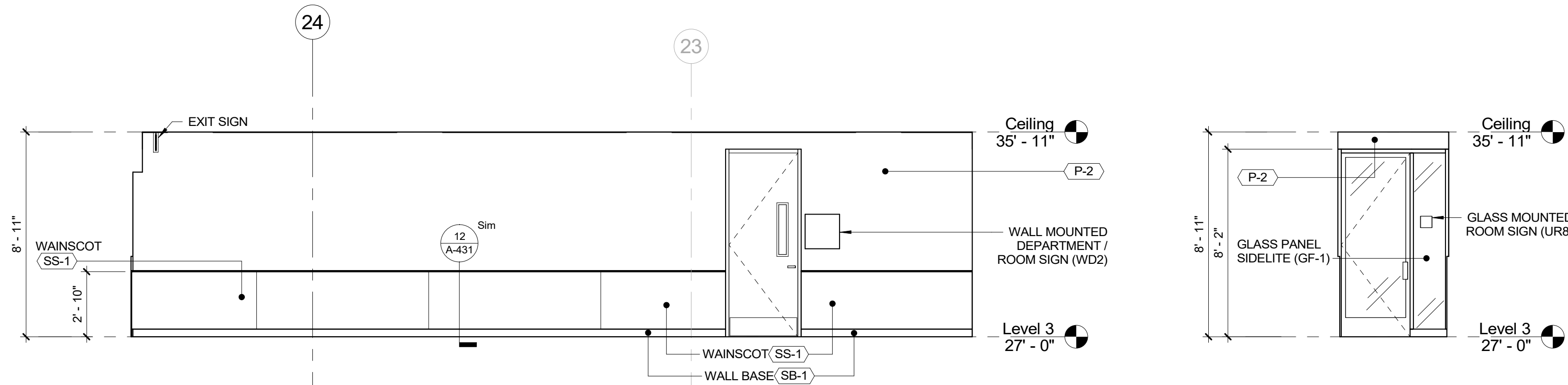


11 ELEVATION - I.T. NORTH B
1/4" = 1'-0"

12 ELEVATION - I.T. NORTH C
1/4" = 1'-0"

13 ELEVATION - I.T. NORTH D
1/4" = 1'-0"

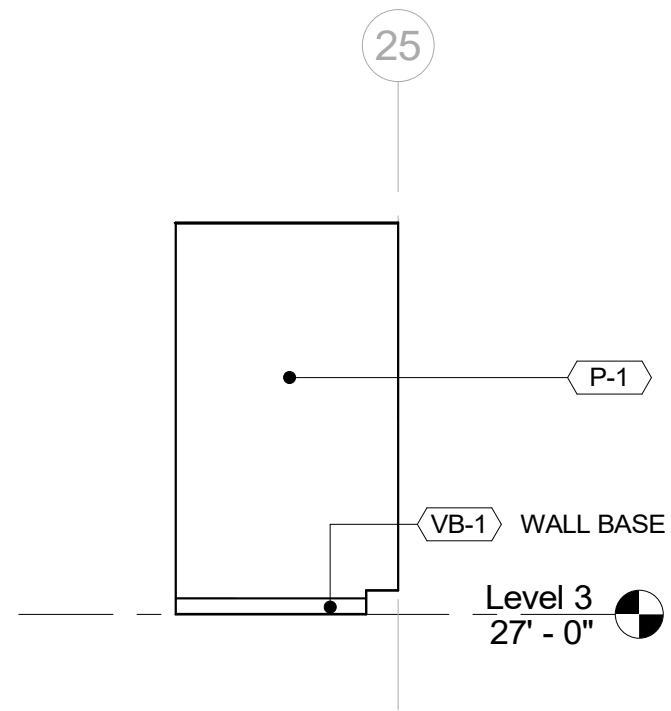
14 ELEVATION - N WING HALLW. 2 A
1/4" = 1'-0"



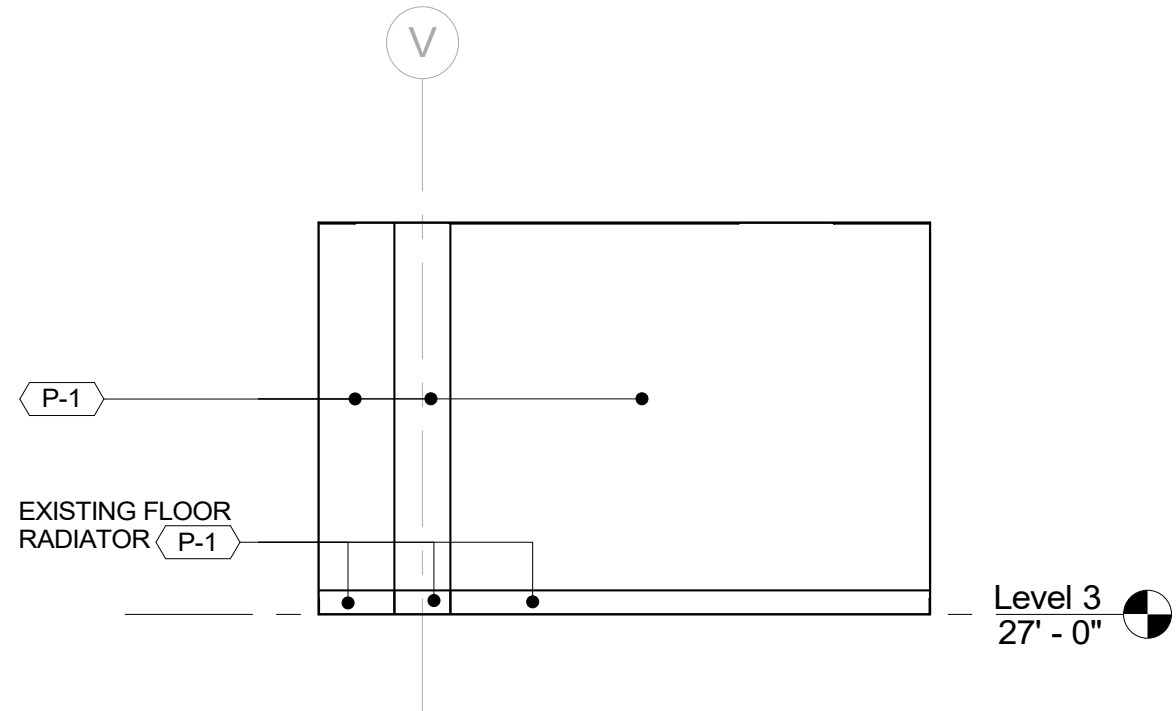
15 ELEVATION - N WING HALLW. 2 B
1/4" = 1'-0"

16 ELEVATION - N WING HALLW. 2 C
1/4" = 1'-0"

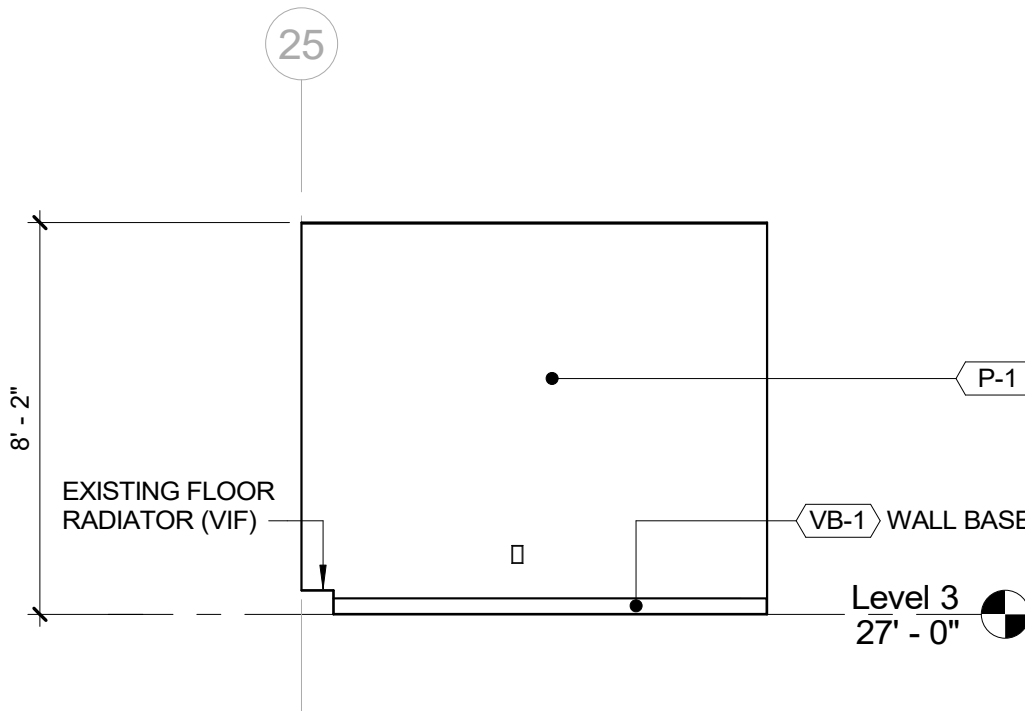
CONSULTANT SEAL 		CONSULTANT INFORMATION Graf & Lewent Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989																										
<table><tr><td>REVISION NUMBER</td><td>DATE</td><td>MADE BY</td><td>APP'D BY</td><td>REVISION</td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><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></table>				REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION																				
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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		CONTRACT NUMBER 19-514	SHEET NUMBER A-218																									
DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SHEET NO. 72 OF 106	SCALE: 1/4" = 1'-0" DATE: May 20, 2021 Issue Date DPW FILE NO. 52-01-A-516 REV NO. 0																									
INTERIOR ELEVATIONS - CENTRAL & NORTH WING																												



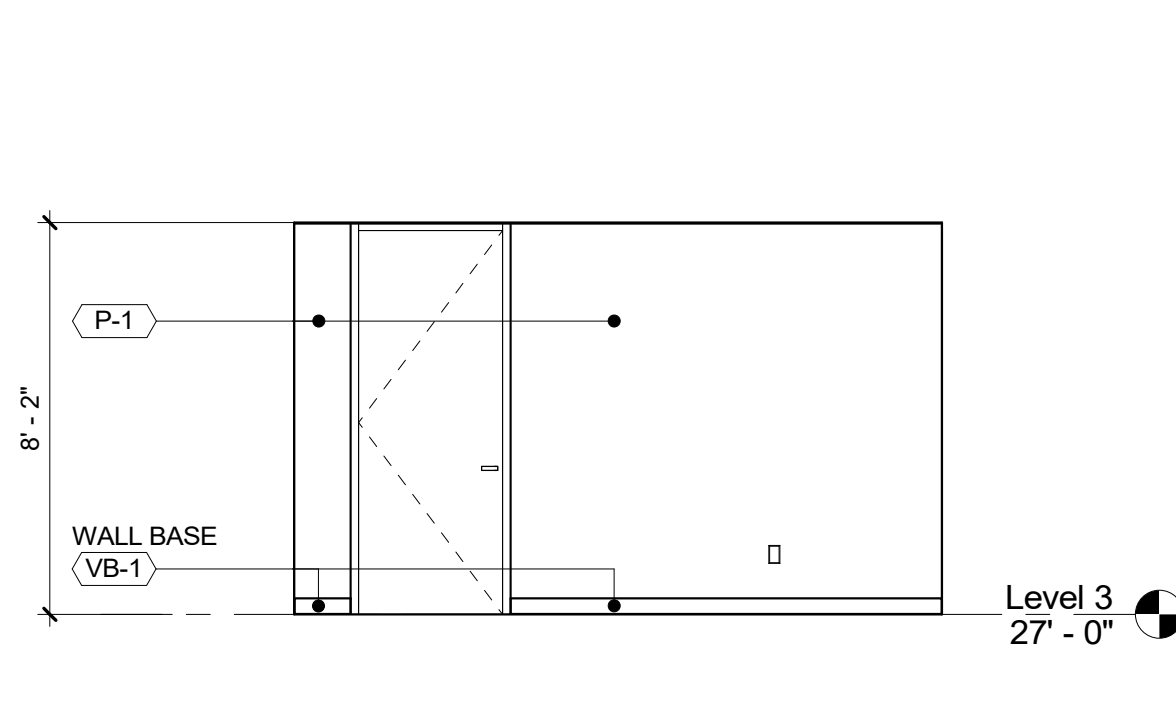
1 ELEVATION - PU STORAGE A
1/4" = 1'-0"



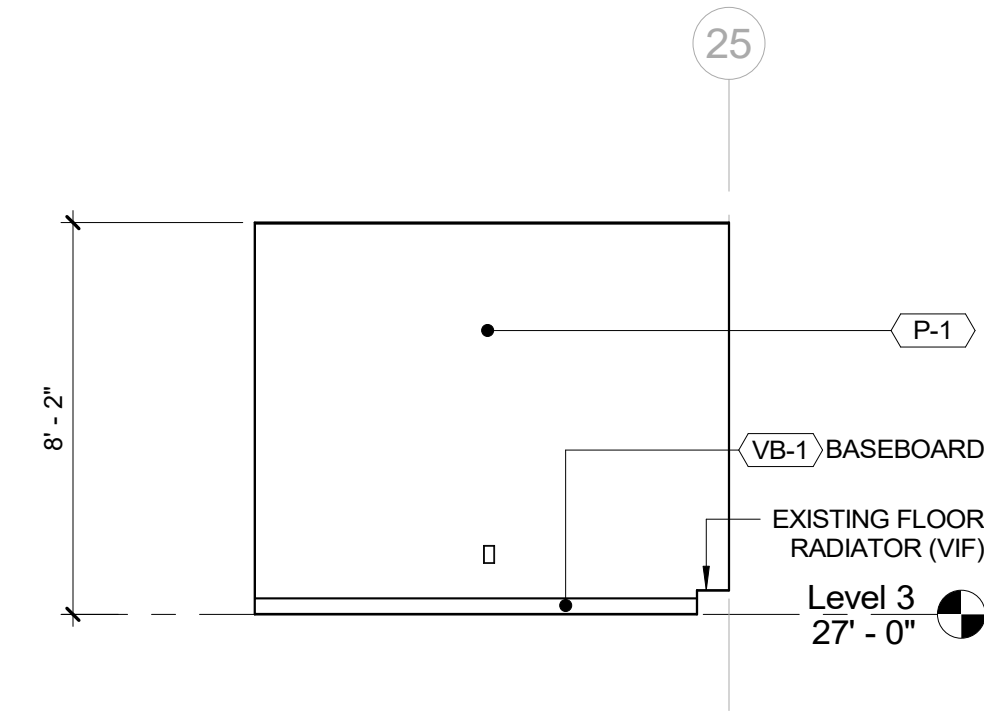
2 ELEVATION - PU STORAGE B
1/4" = 1'-0"



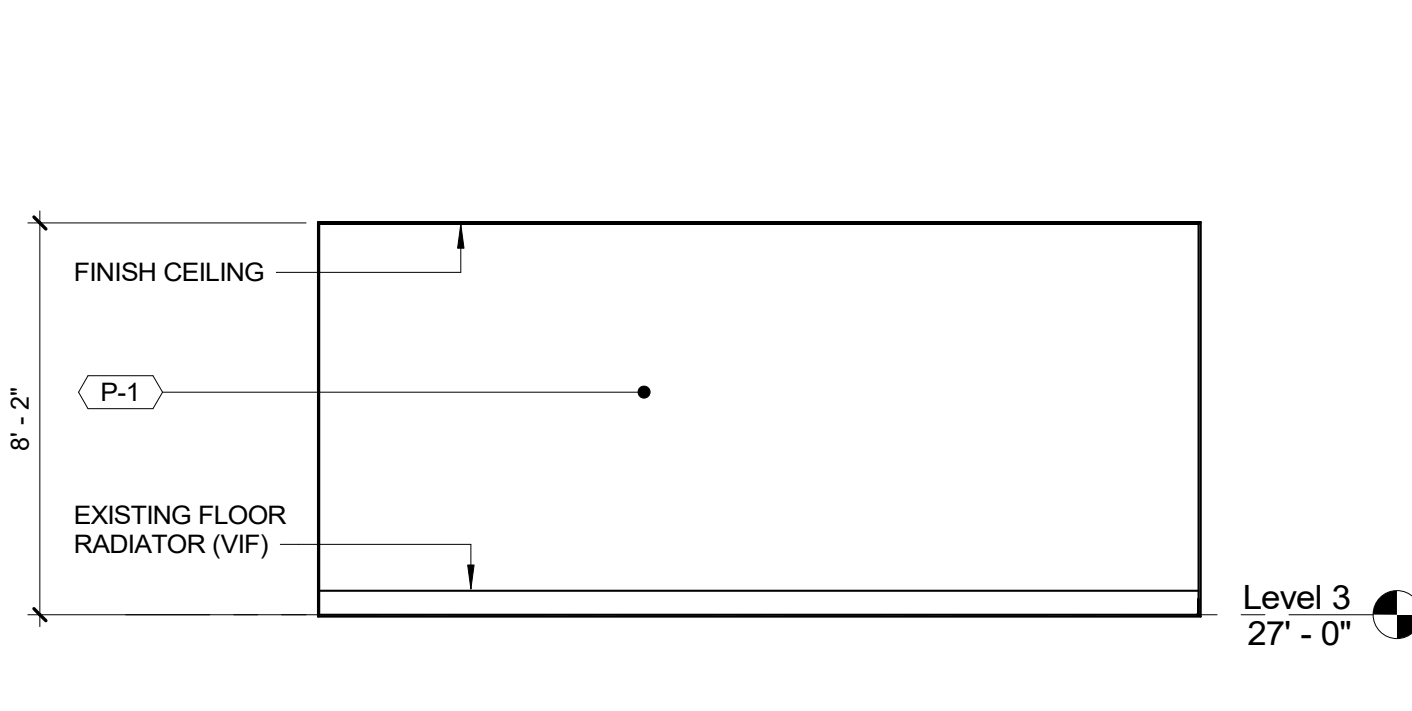
3 ELEVATION - PU STORAGE C
1/4" = 1'-0"



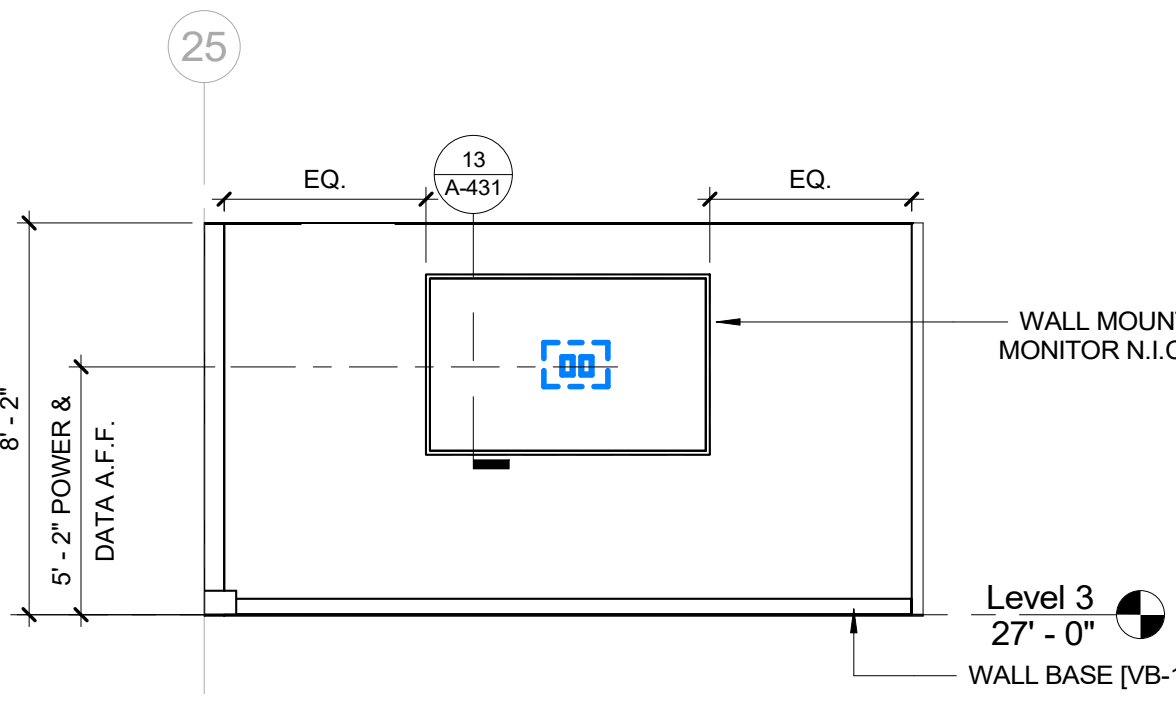
4 ELEVATION - PU STORAGE D
1/4" = 1'-0"



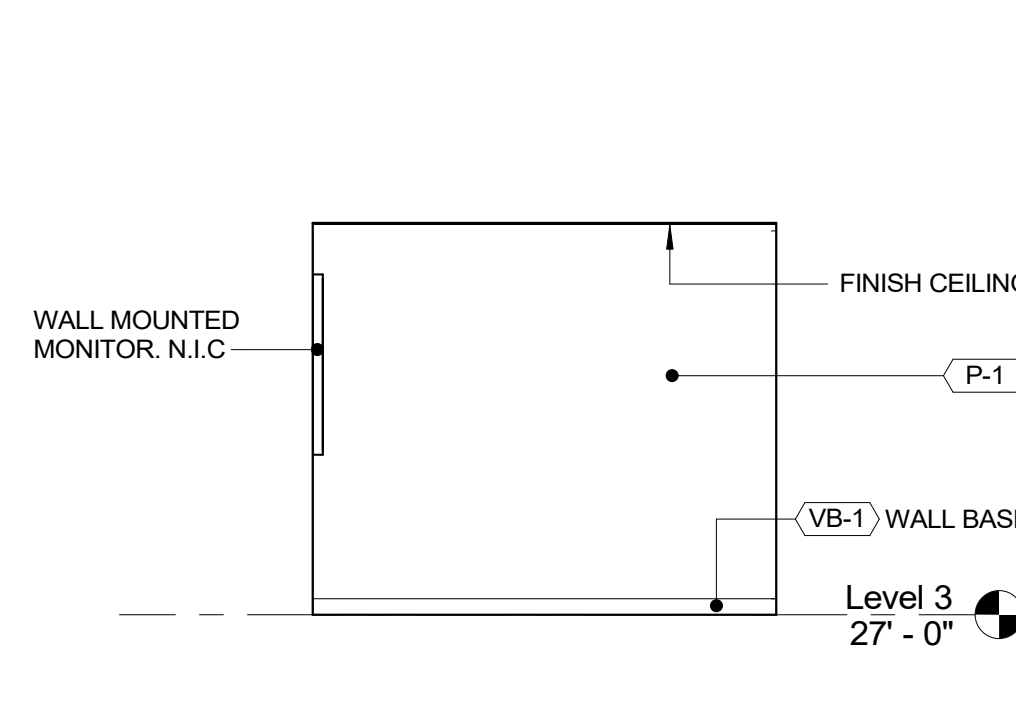
5 ELEVATION - SMALL CONFERENCE A
1/4" = 1'-0"



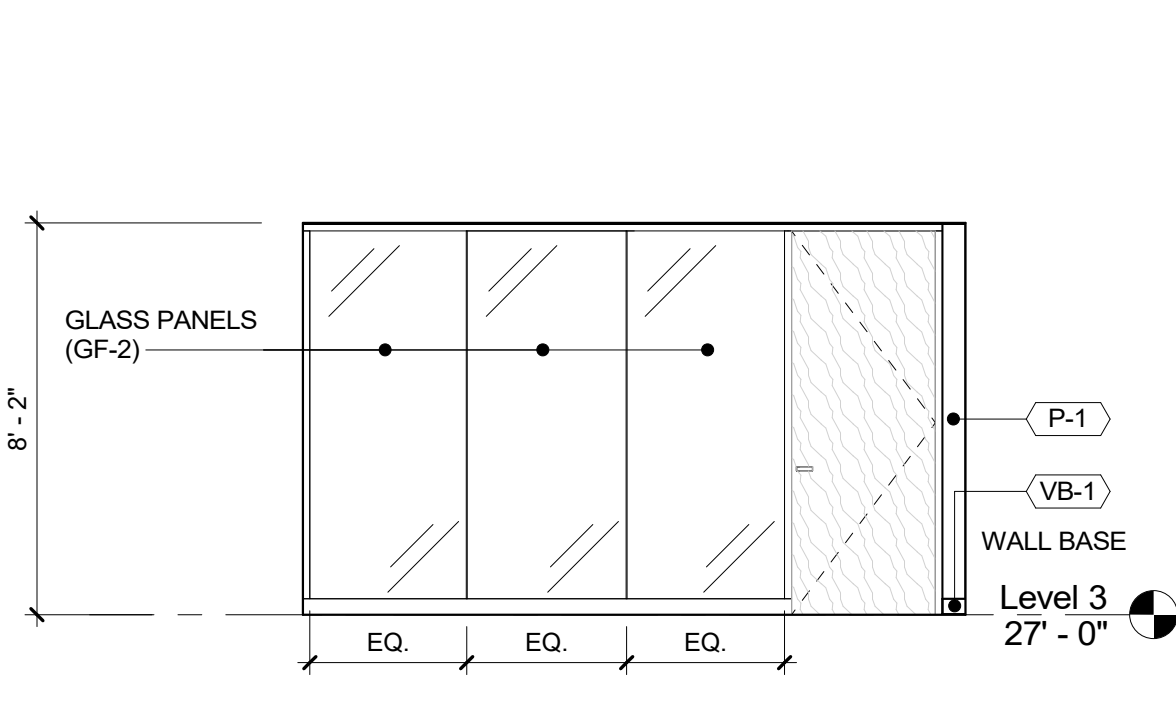
6 ELEVATION - SMALL CONFERENCE B
1/4" = 1'-0"



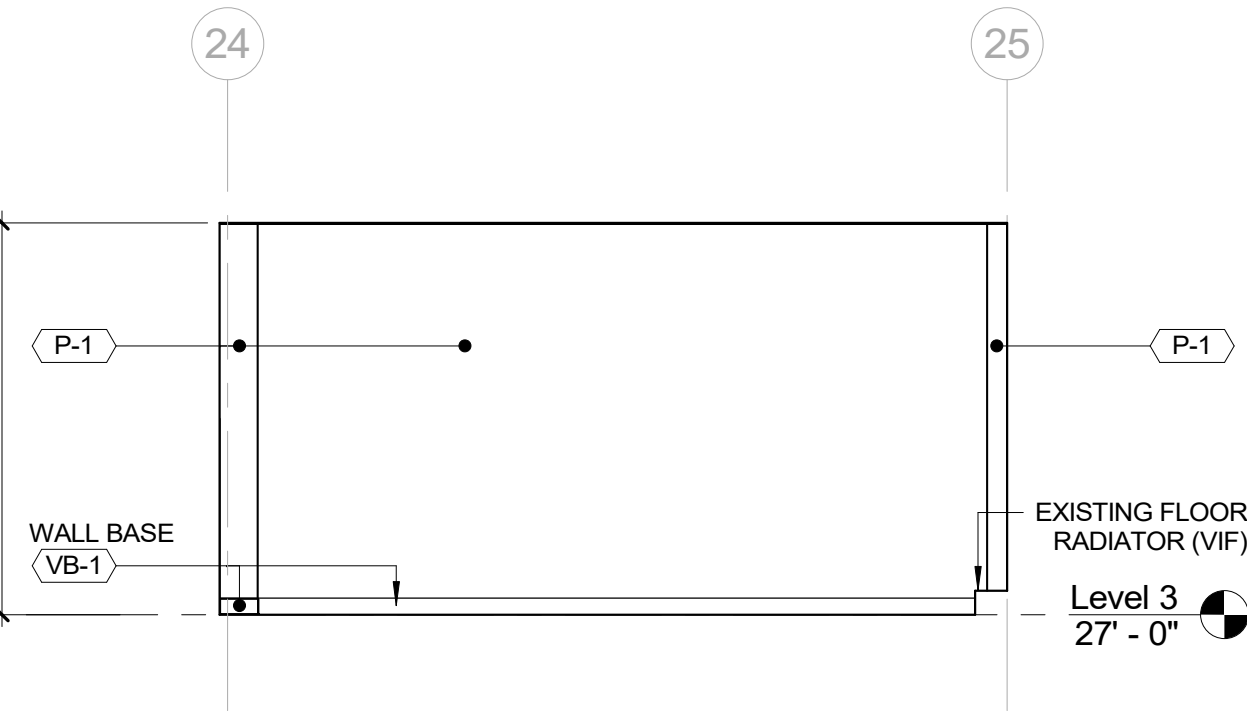
7 ELEVATION - FURNITURE SMALL CONF. ROOM WCC
1/4" = 1'-0"



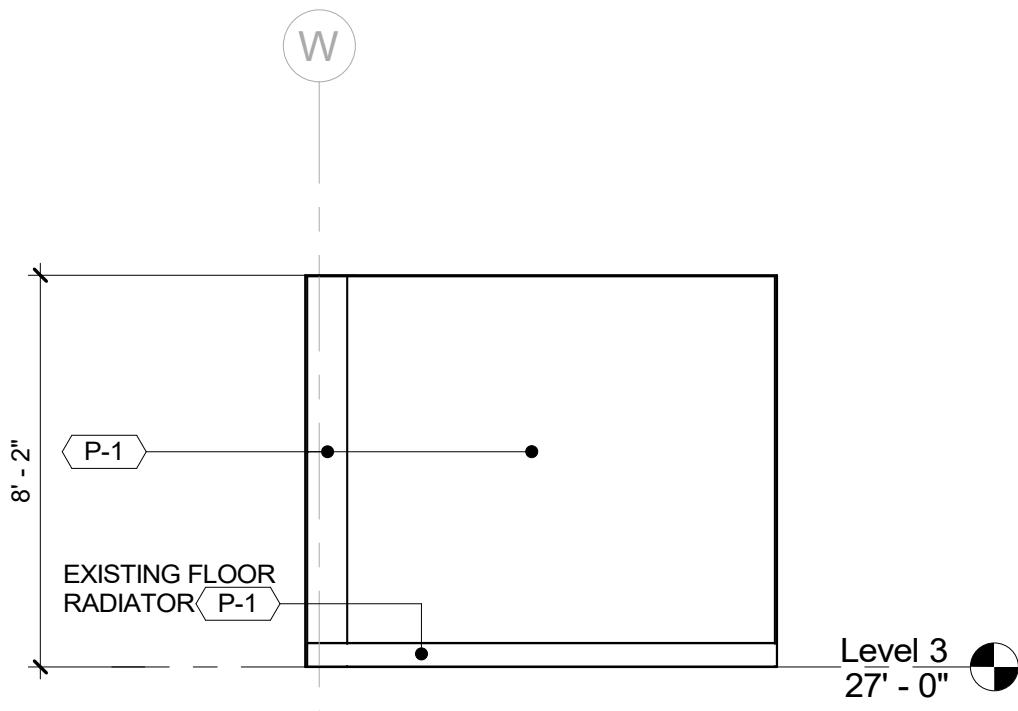
8 ELEVATION - SMALL CONFERENCE D
1/4" = 1'-0"



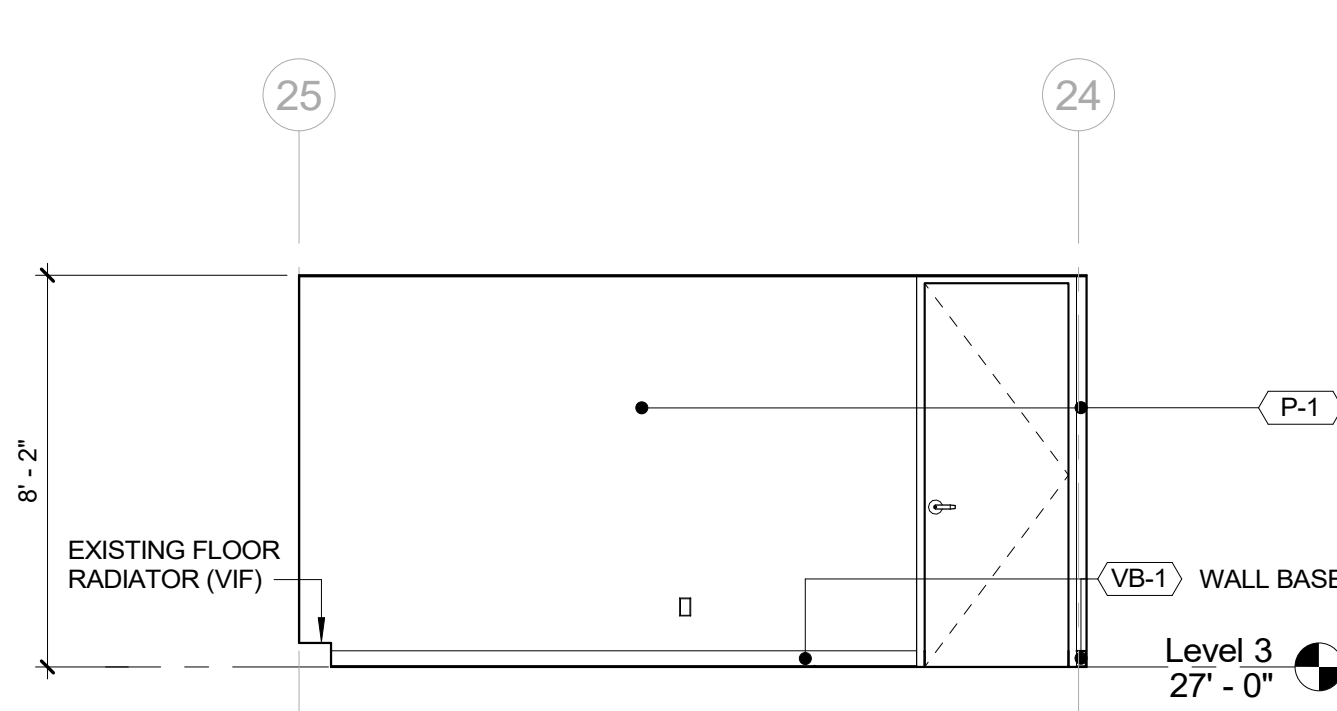
9 ELEVATION - SMALL CONFERENCE E
1/4" = 1'-0"



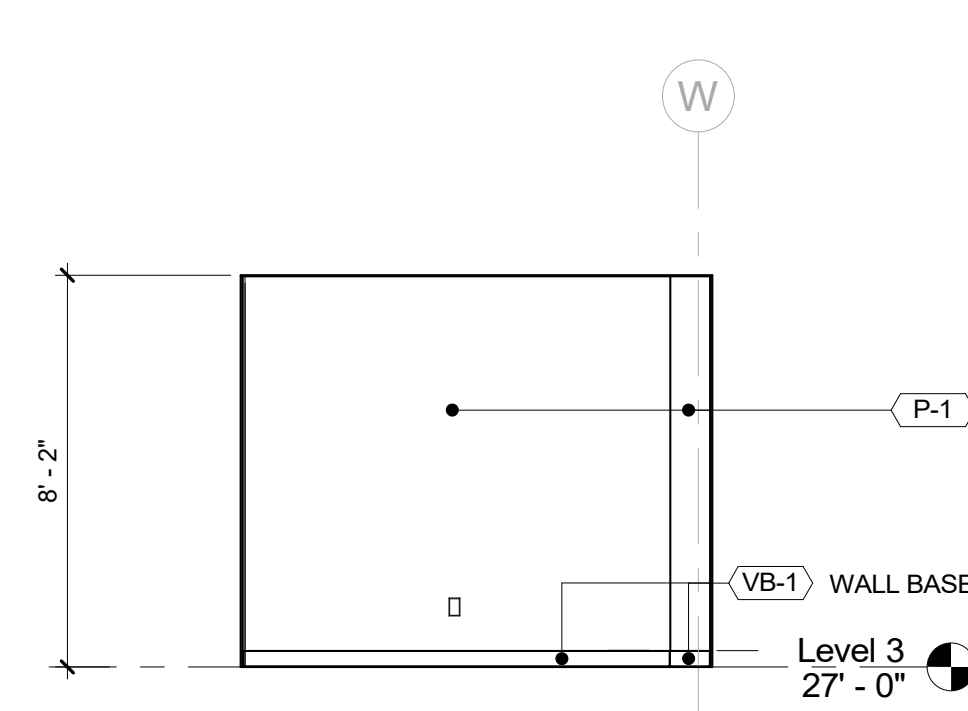
10 ELEVATION - DLR EXTRA STORAGE A
1/4" = 1'-0"



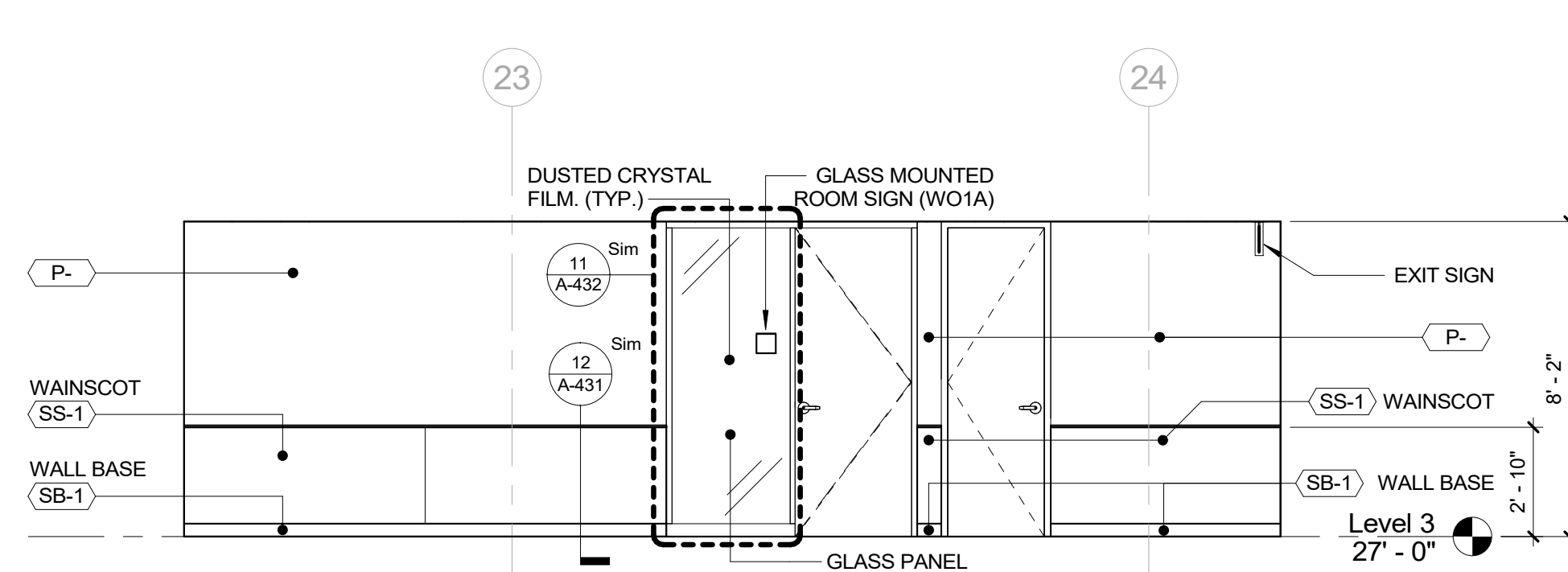
11 ELEVATION - DLR EXTRA STORAGE B
1/4" = 1'-0"



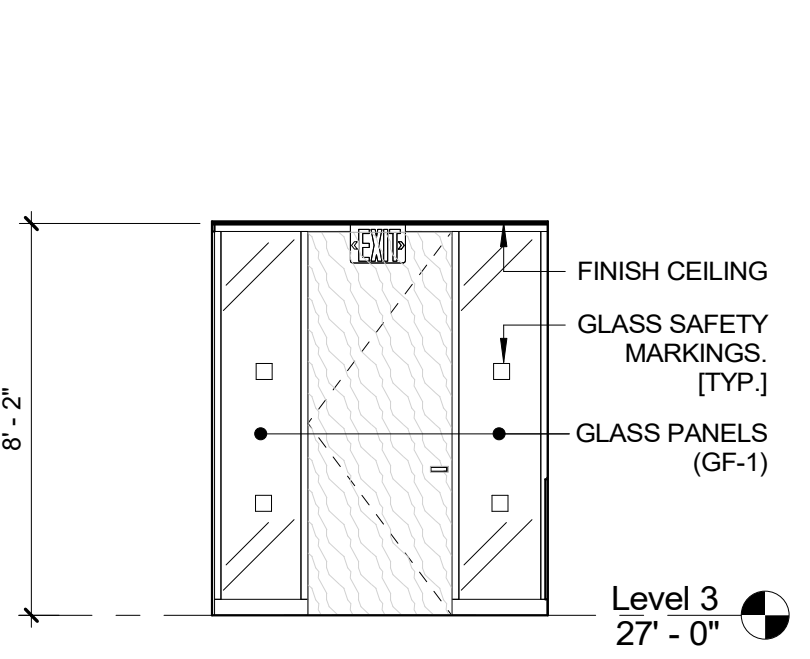
12 ELEVATION - DLR EXTRA STORAGE C
1/4" = 1'-0"



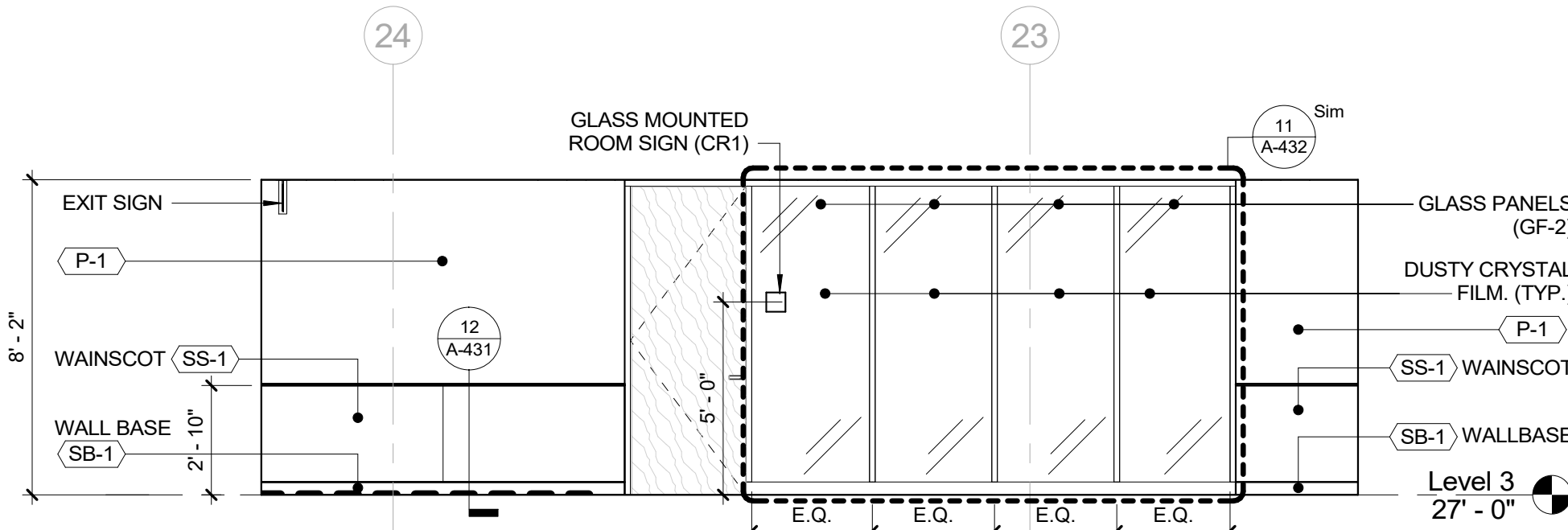
13 ELEVATION - DLR EXTRA STORAGE D
1/4" = 1'-0"



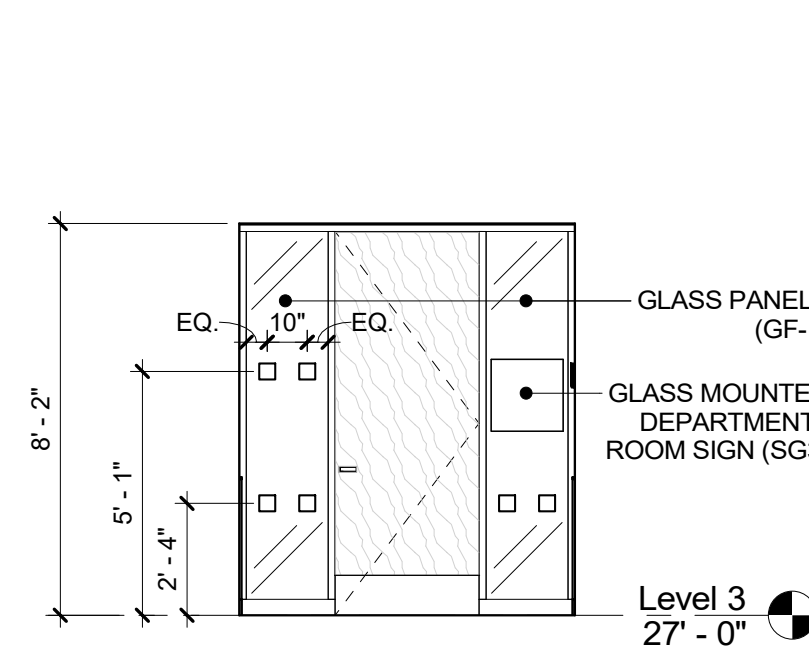
14 ELEVATION - NORTH WING HALLWAY 2 A
1/4" = 1'-0"



15 ELEVATION - NORTH WING HALLWAY 2 B
1/4" = 1'-0"

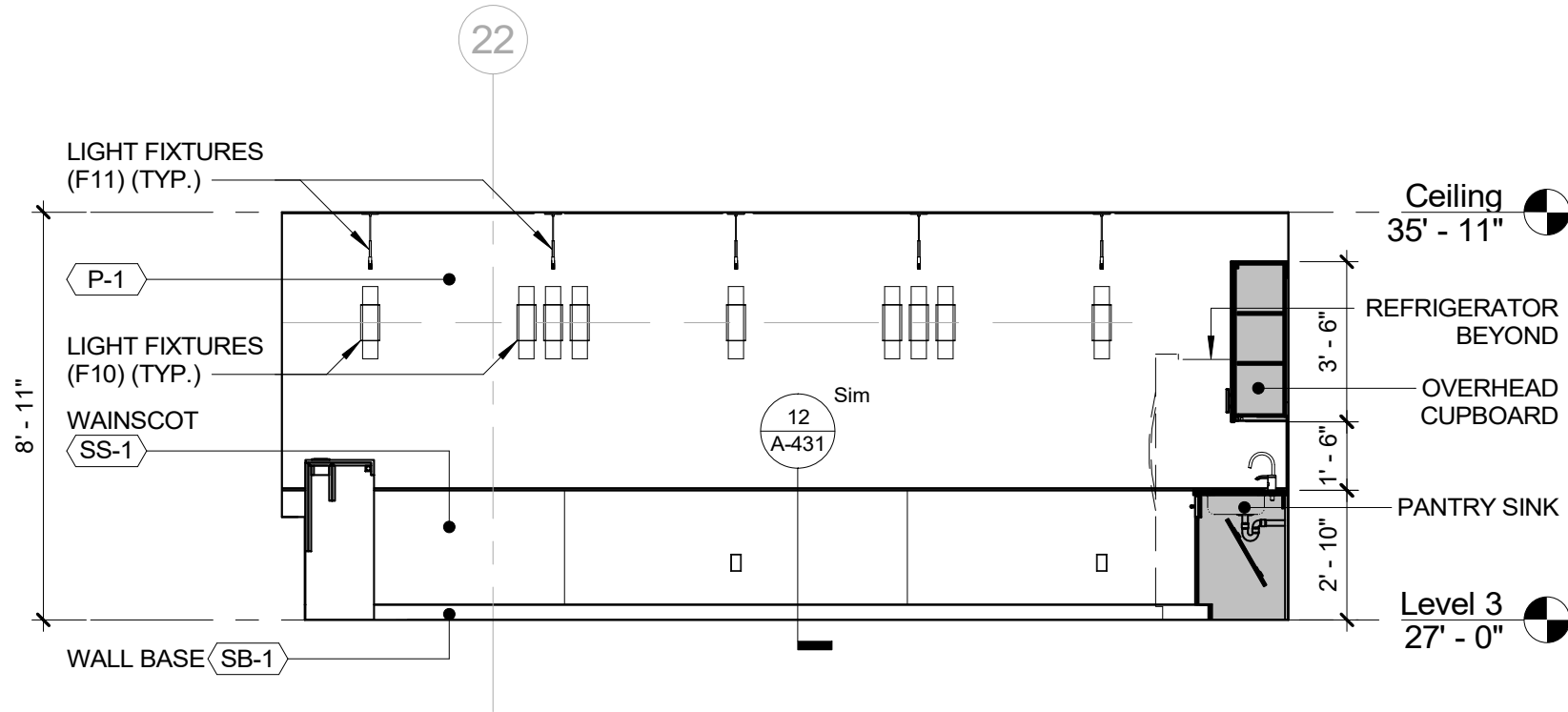


16 ELEVATION - NORTH WING HALLWAY 2 C
1/4" = 1'-0"

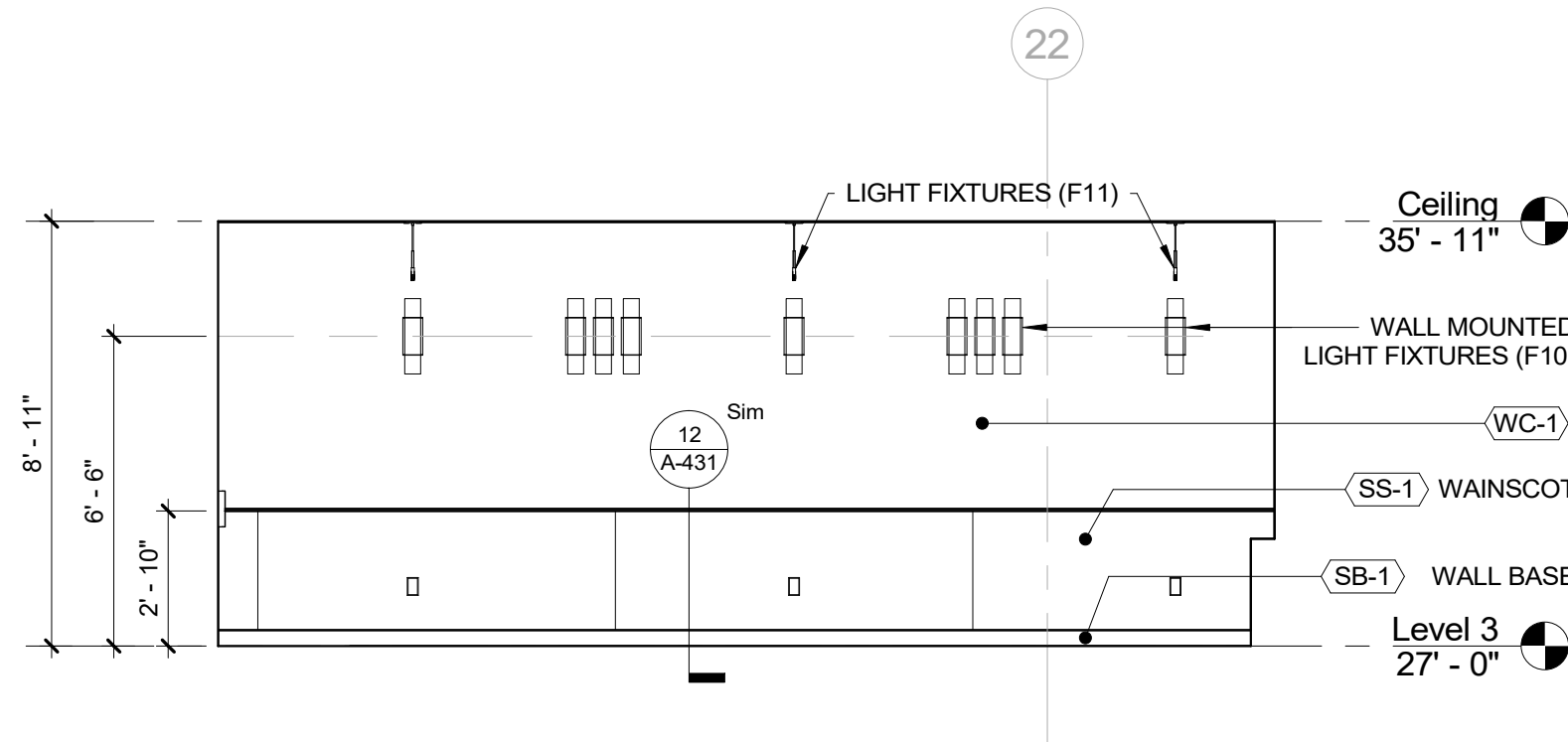


17 ELEVATION - NORTH WING HALLWAY 2 D
1/4" = 1'-0"

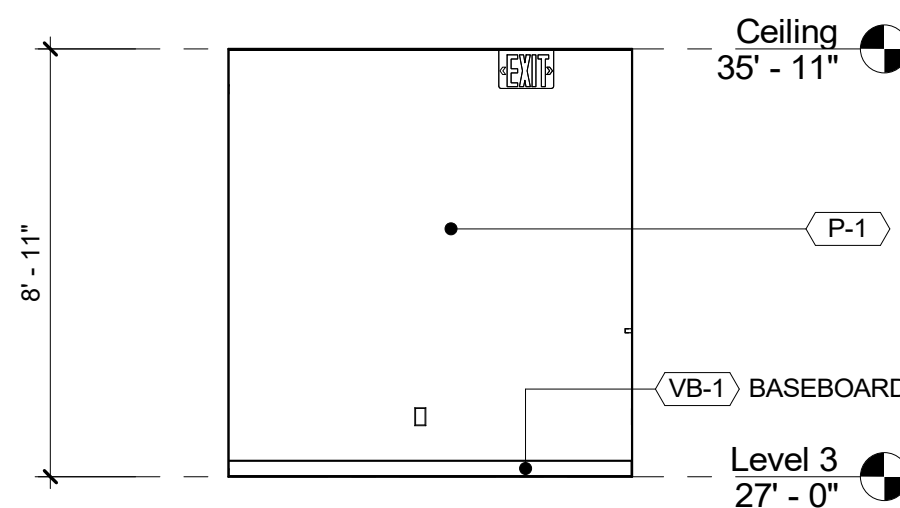
CONSULTANT SEAL		CONSULTANT INFORMATION																										
		Graf & Lewent Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989																										
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CONTRACTOR		CONTRACTOR																										
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DATE: _____		DATE: _____																										
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER																										
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514																										
DIVISION OF ENGINEERING		SHEET NO. 73 OF 106																										
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: 1/4" = 1'-0"																										
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021 Issue Date																										
WHITE PLAINS, NEW YORK		DPW FILE NO. REV NO.																										
INTERIOR ELEVATIONS - CENTRAL & NORTH WING		52-01-A-517																										



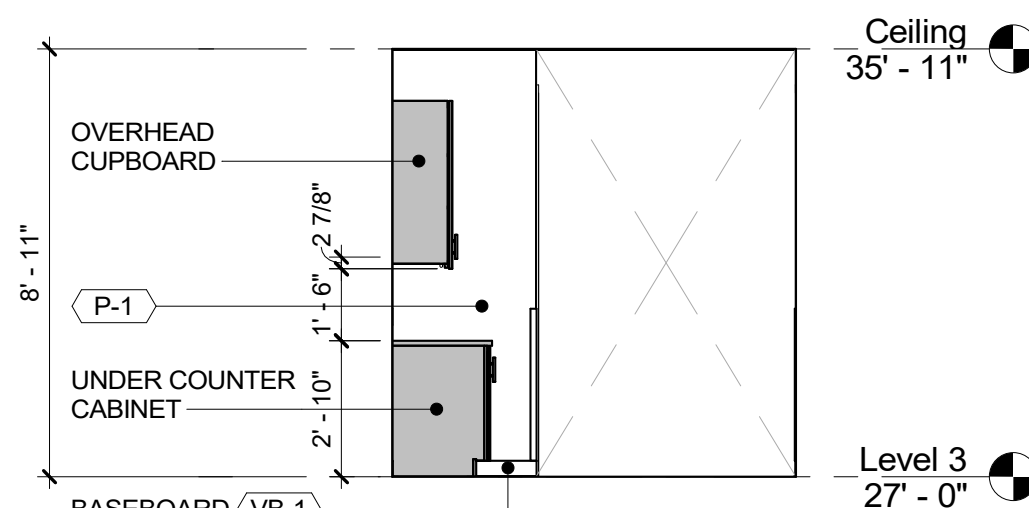
1 ELEVATION - LUNCH BREAK A
1/4" = 1'-0"



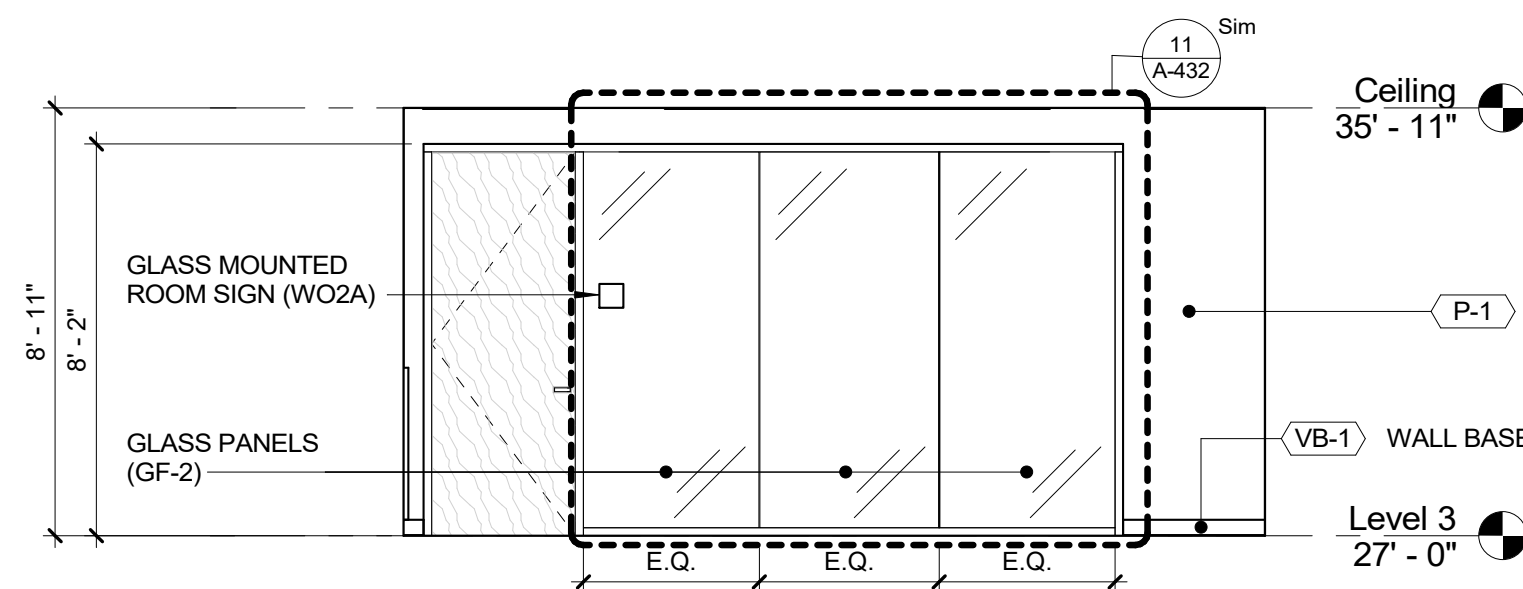
2 ELEVATION - LUNCH BREAK C
1/4" = 1'-0"



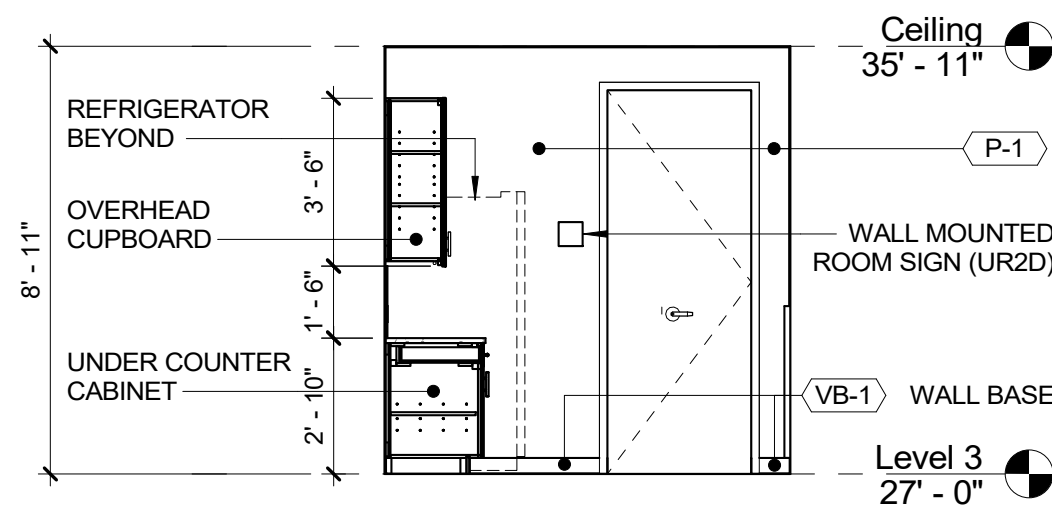
3 ELEVATION - DOF WAITING A
1/4" = 1'-0"



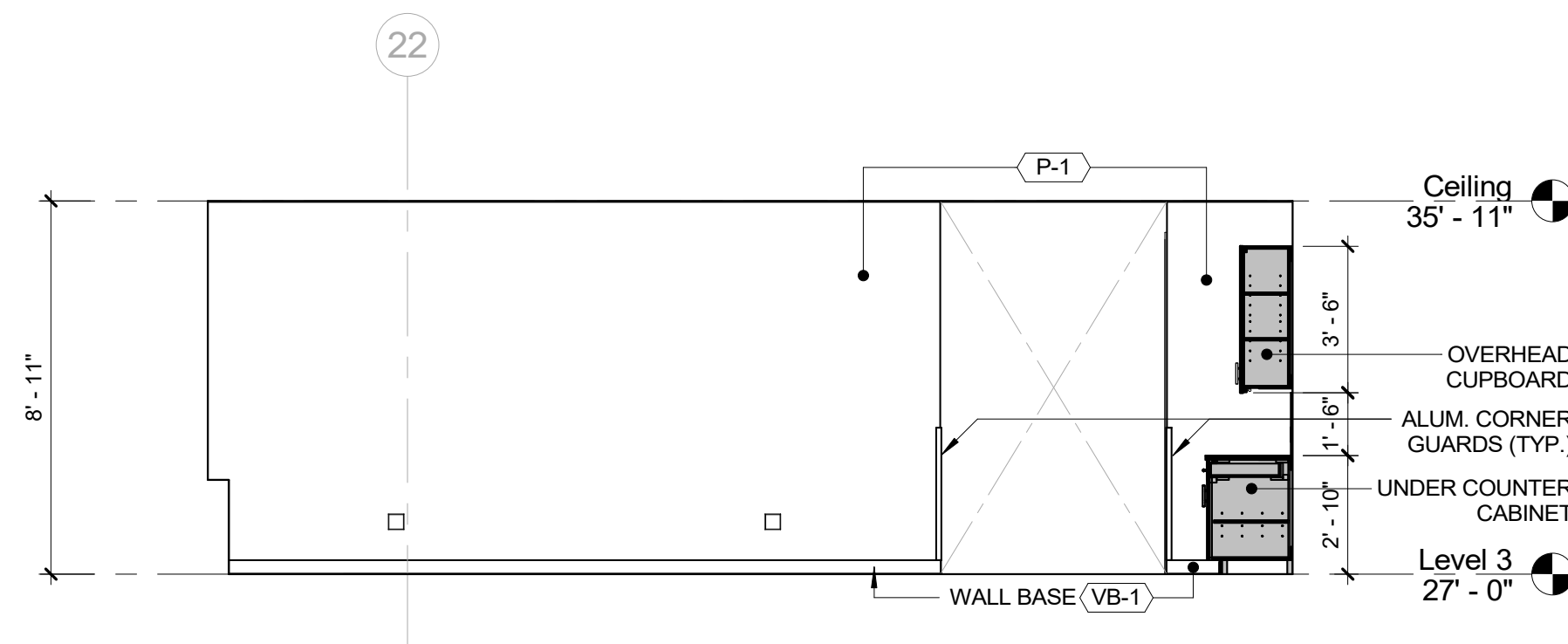
4 ELEVATION - DOF WAITING C
1/4" = 1'-0"



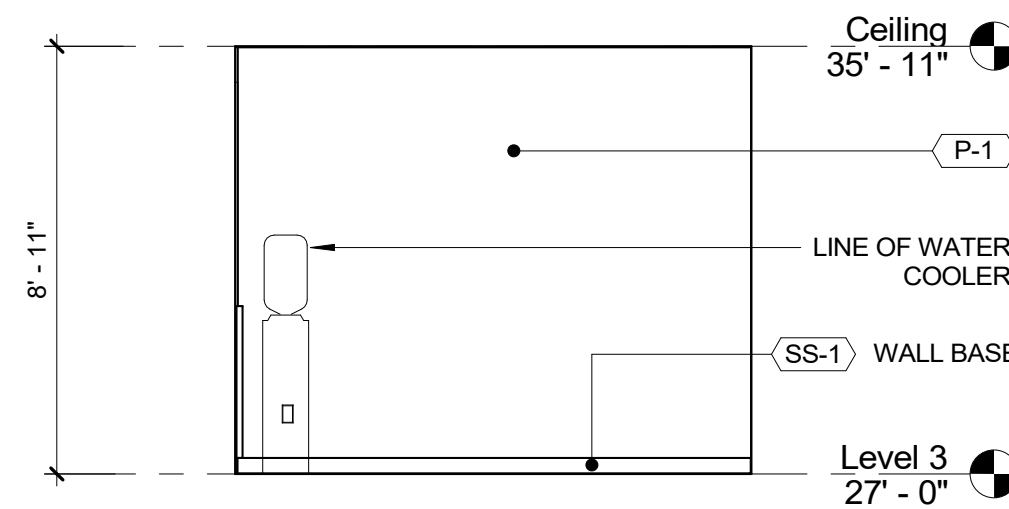
5 ELEVATION - DOF WAITING D
1/4" = 1'-0"



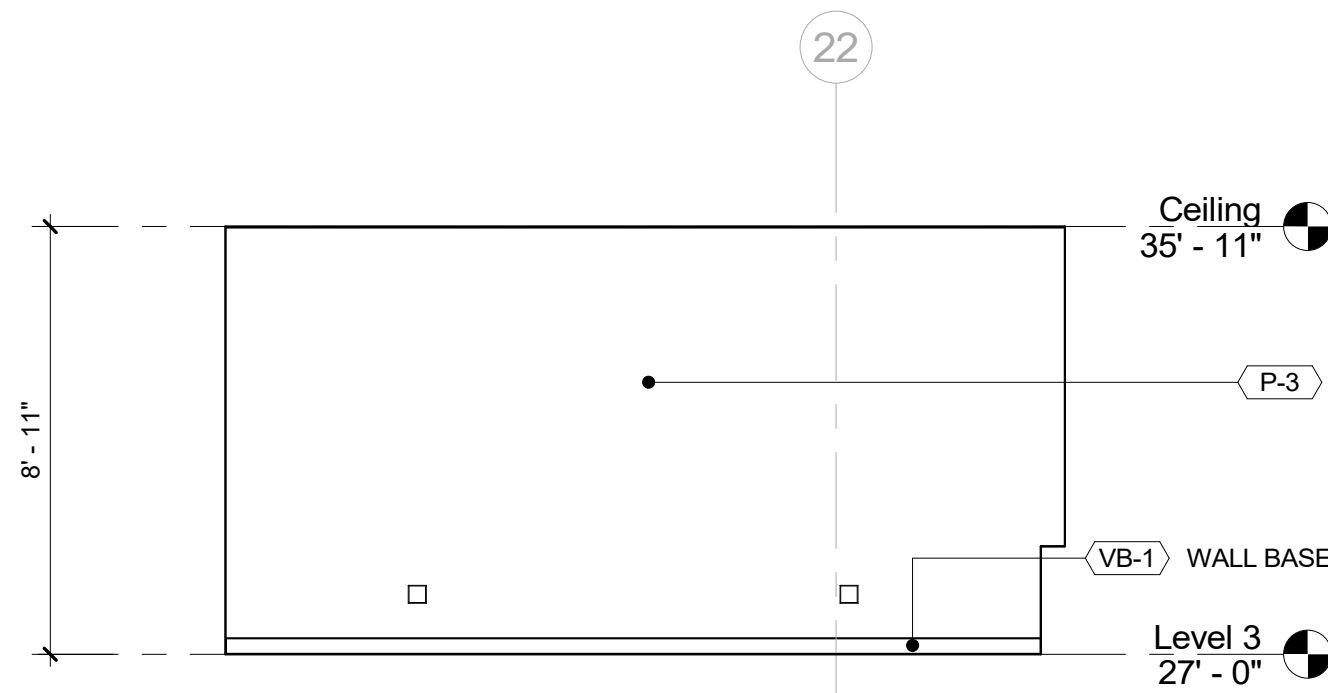
10 ELEVATION - DOF PANTRY B
1/4" = 1'-0"



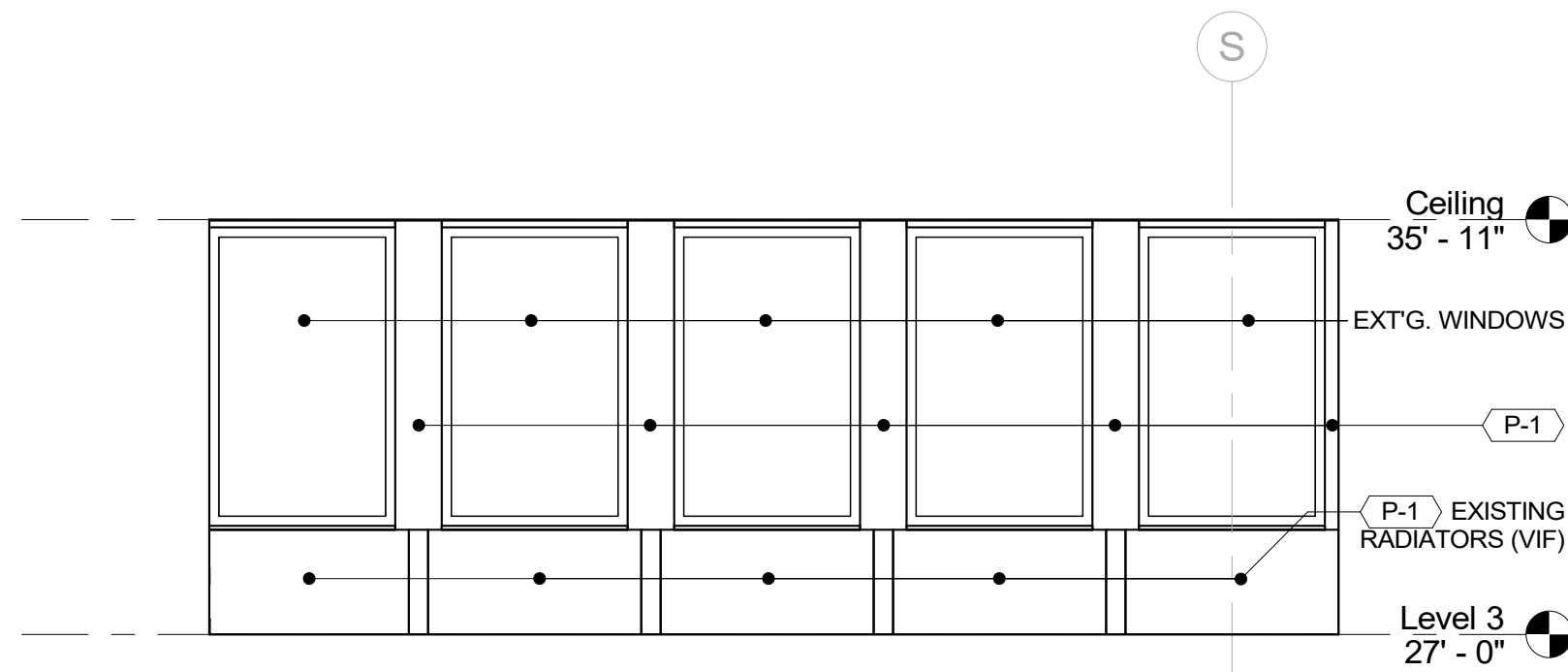
11 ELEVATION - DOF WORK STATIONS A
1/4" = 1'-0"



12 ELEVATION - DOF W. S. B
1/4" = 1'-0"

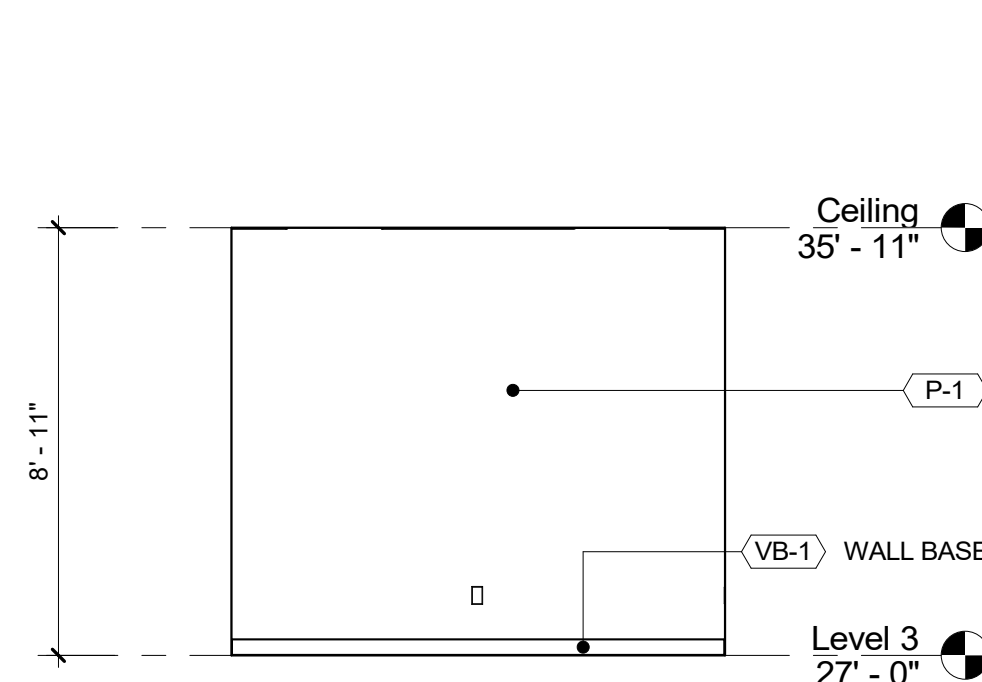


13 ELEVATION - DOF WORK STATIONS C
1/4" = 1'-0"

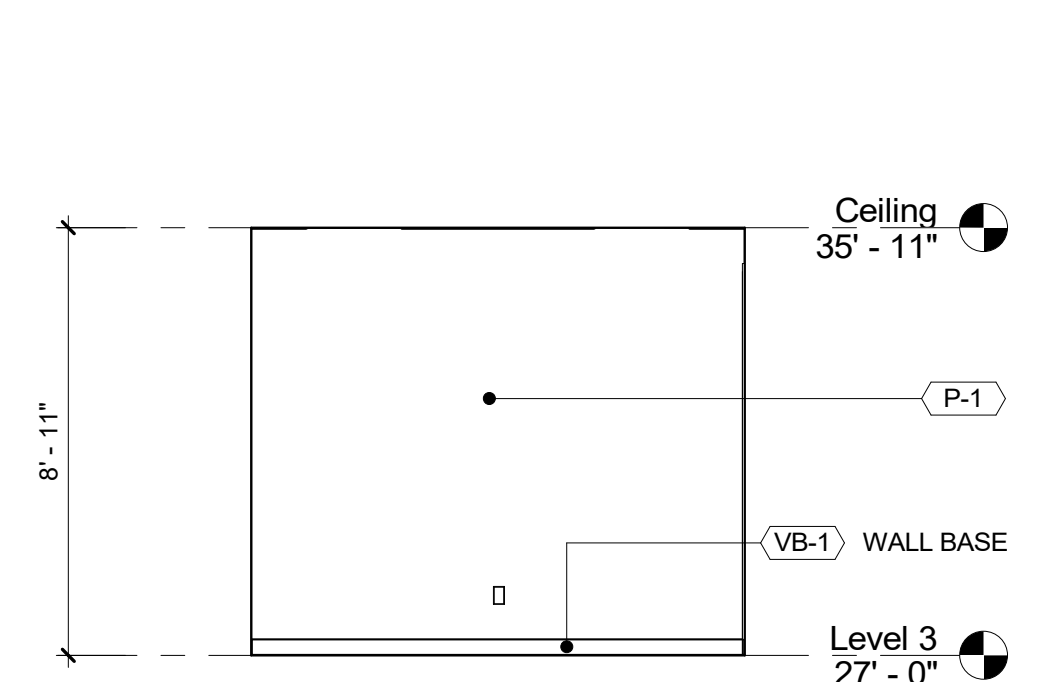


14 ELEVATION - DOF WORK STATIONS D
1/4" = 1'-0"

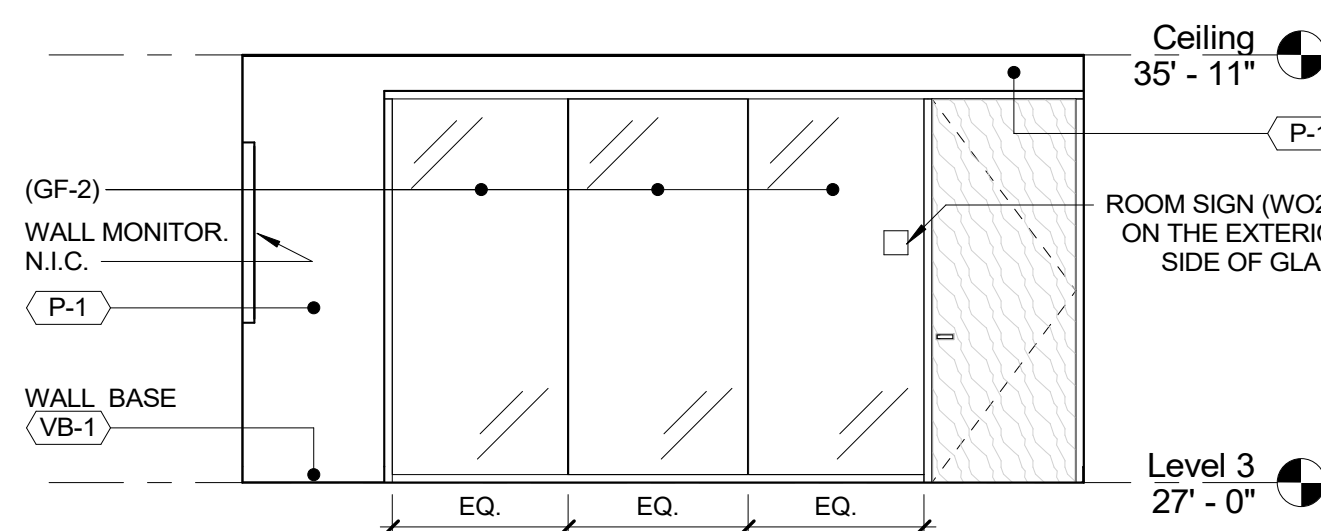
		CONSULTANT INFORMATION	
		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION			
NUMBER	DATE	MADE BY	APP'D BY
REVISION			
RECORD DRAWING CERTIFICATION			
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CONTRACTOR		CONTRACTOR	
NAME:		NAME:	
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TITLE:		TITLE:	
DATE:		DATE:	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 74 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: 1/4" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021	
WHITE PLAINS, NEW YORK		Issue Date	
INTERIOR ELEVATIONS - NORTH WING		DPW FILE NO. 52-01-A-518	
		REV NO. 0	



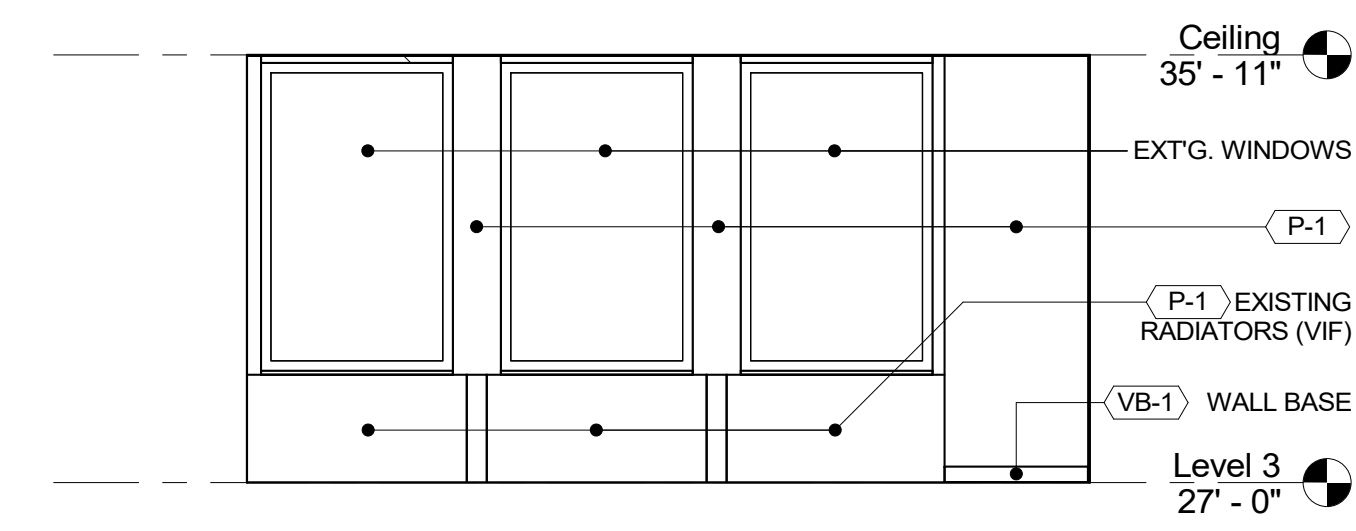
2 ELEVATION - DOF STORAGE B
1/4" = 1'-0"



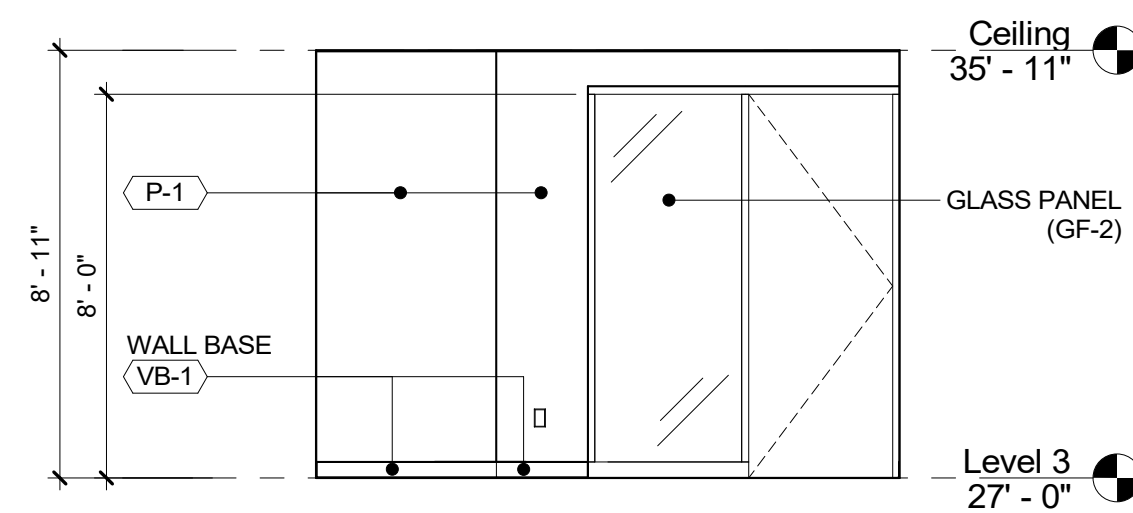
4 ELEVATION - DOF STORAGE D
1/4" = 1'-0"



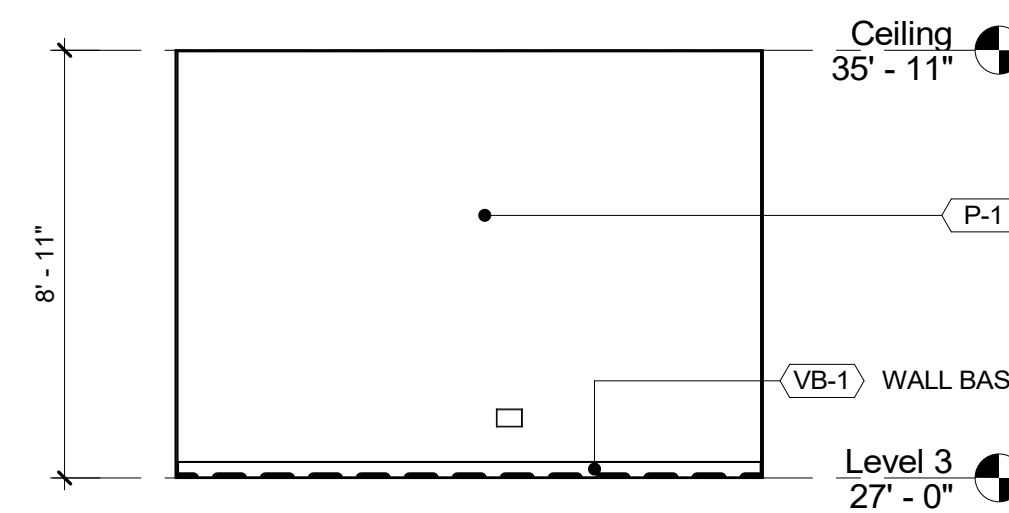
6 ELEVATION - WCC OFFICE 3 B
1/4" = 1'-0"



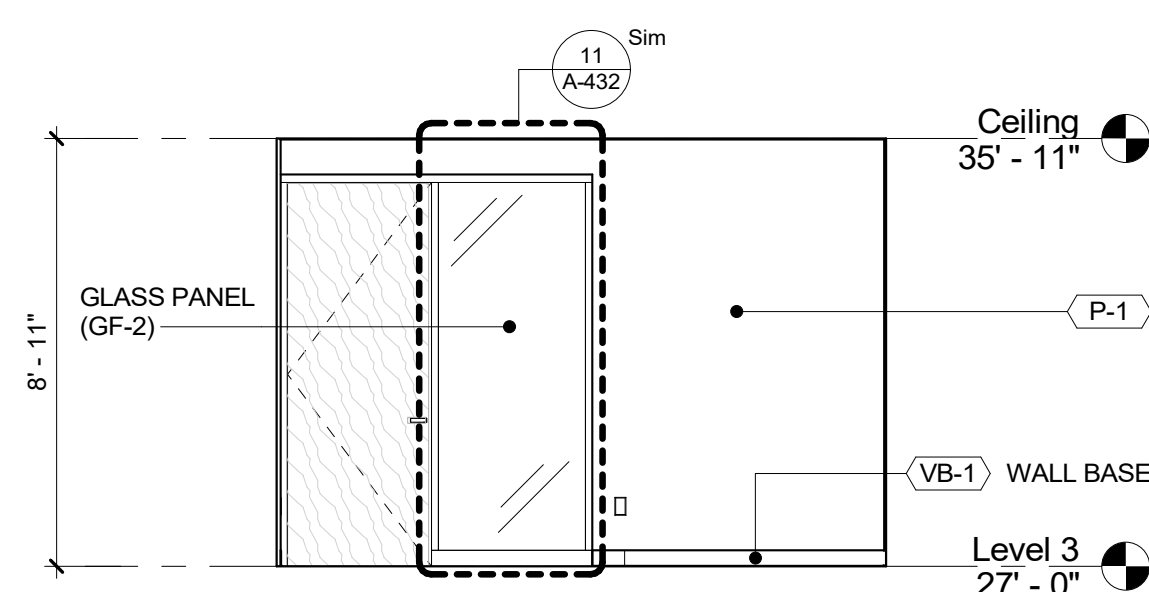
8 ELEVATION - WCC OFFICE 3 D
1/4" = 1'-0"



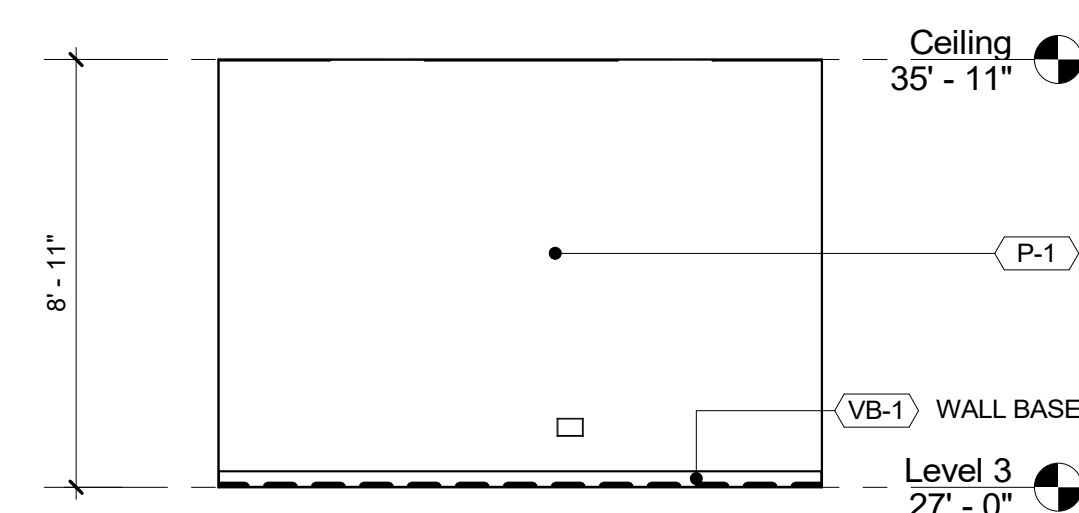
10 ELEVATION - WCC OFFICE 4 B
1/4" = 1'-0"



12 ELEVATION - WCC OFFICE 4 D
1/4" = 1'-0"

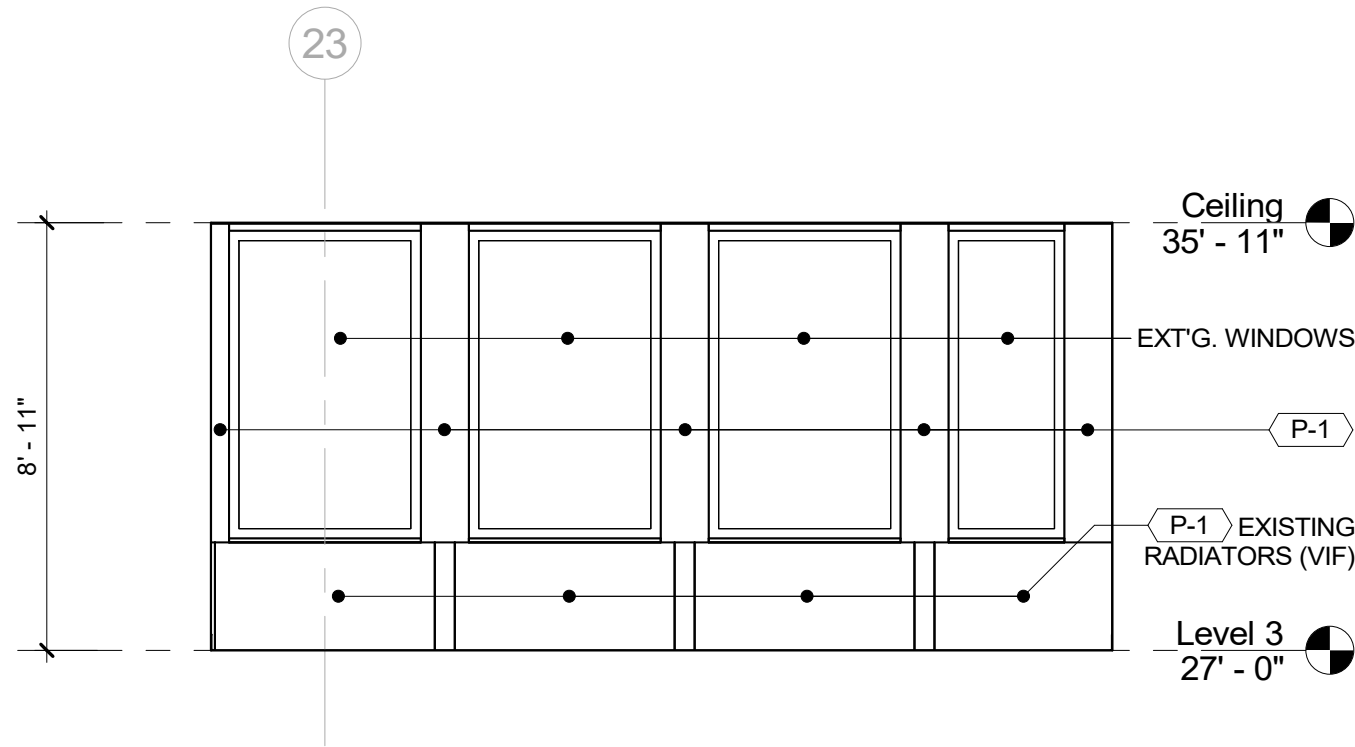


14 ELEVATION - WCC OFFICE 5 B
1/4" = 1'-0"

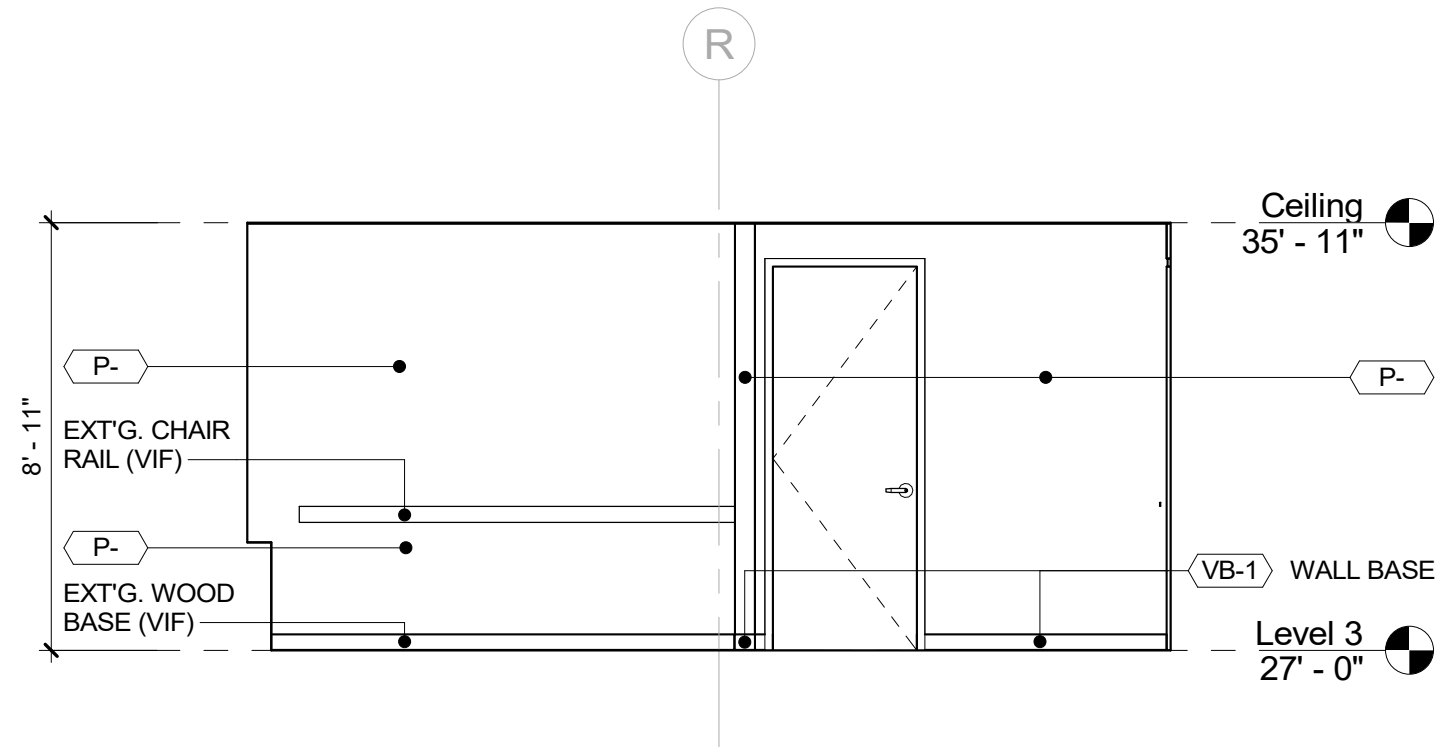


16 ELEVATION - WCC OFFICE 5 D
1/4" = 1'-0"

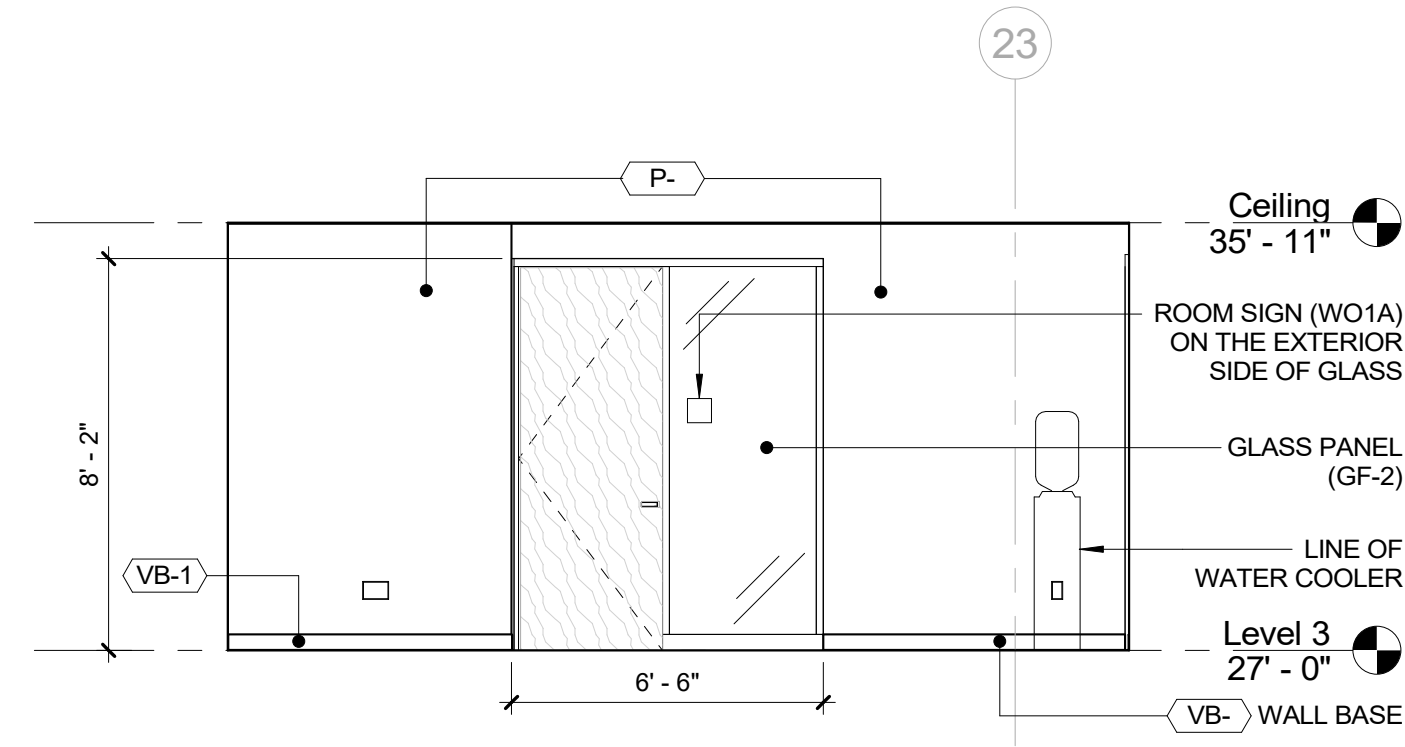
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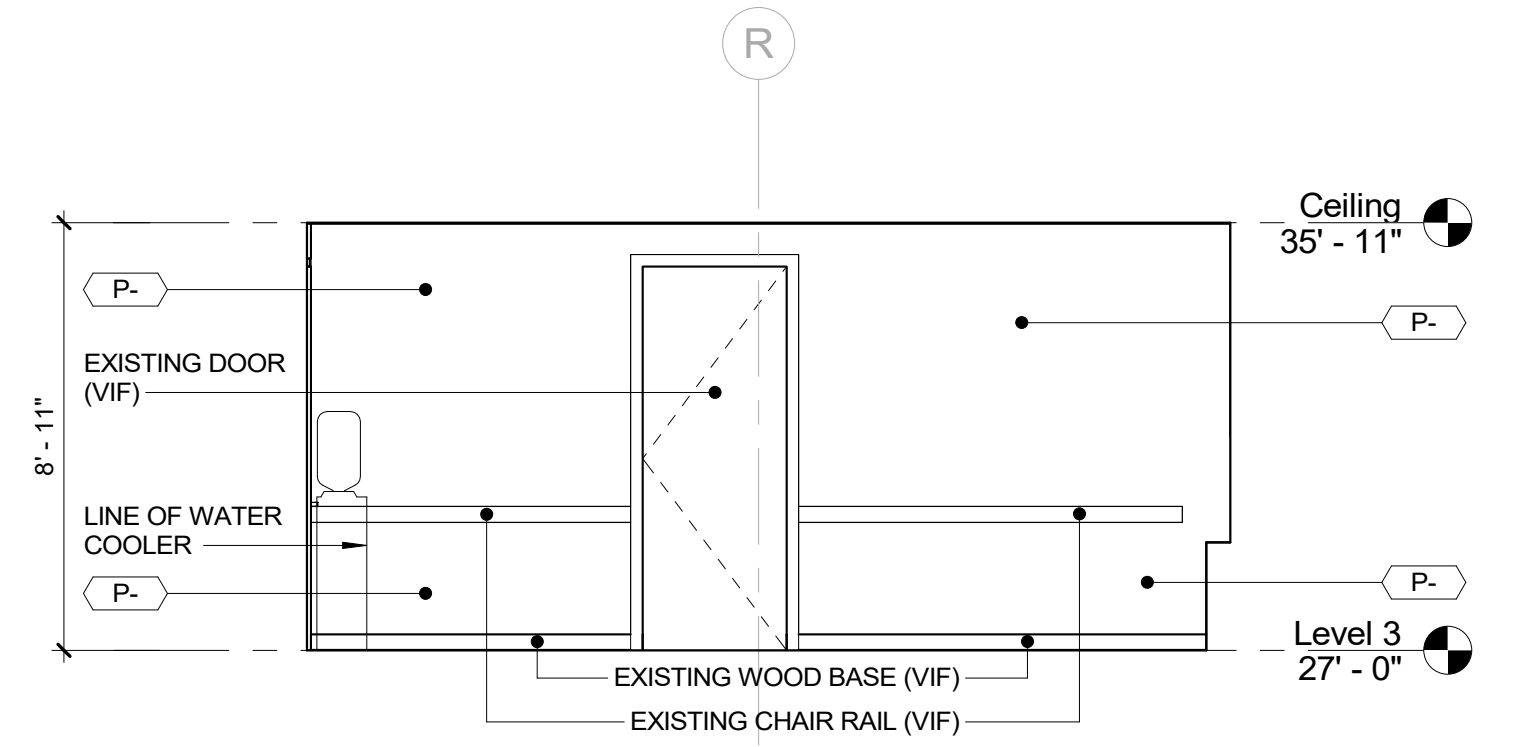
1 ELEVATION - WCC RECEPTION A
1/4" = 1'-0"



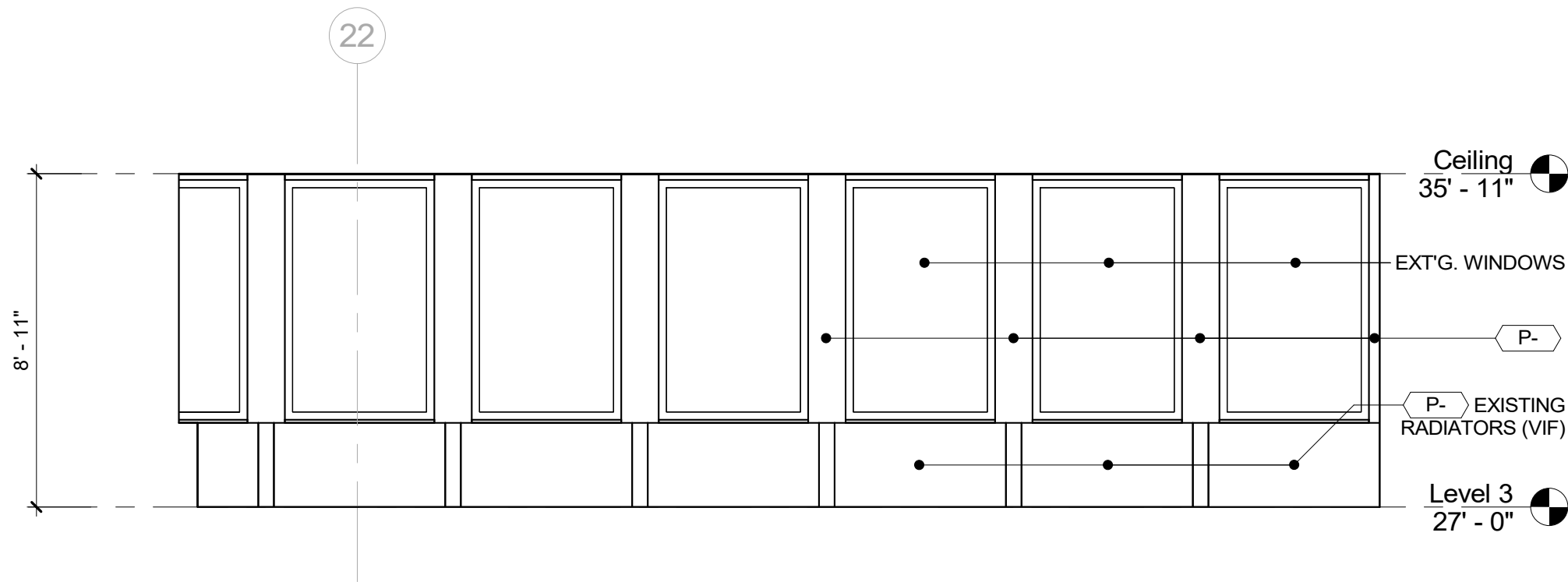
2 ELEVATION - WCC RECEPTION B
1/4" = 1'-0"



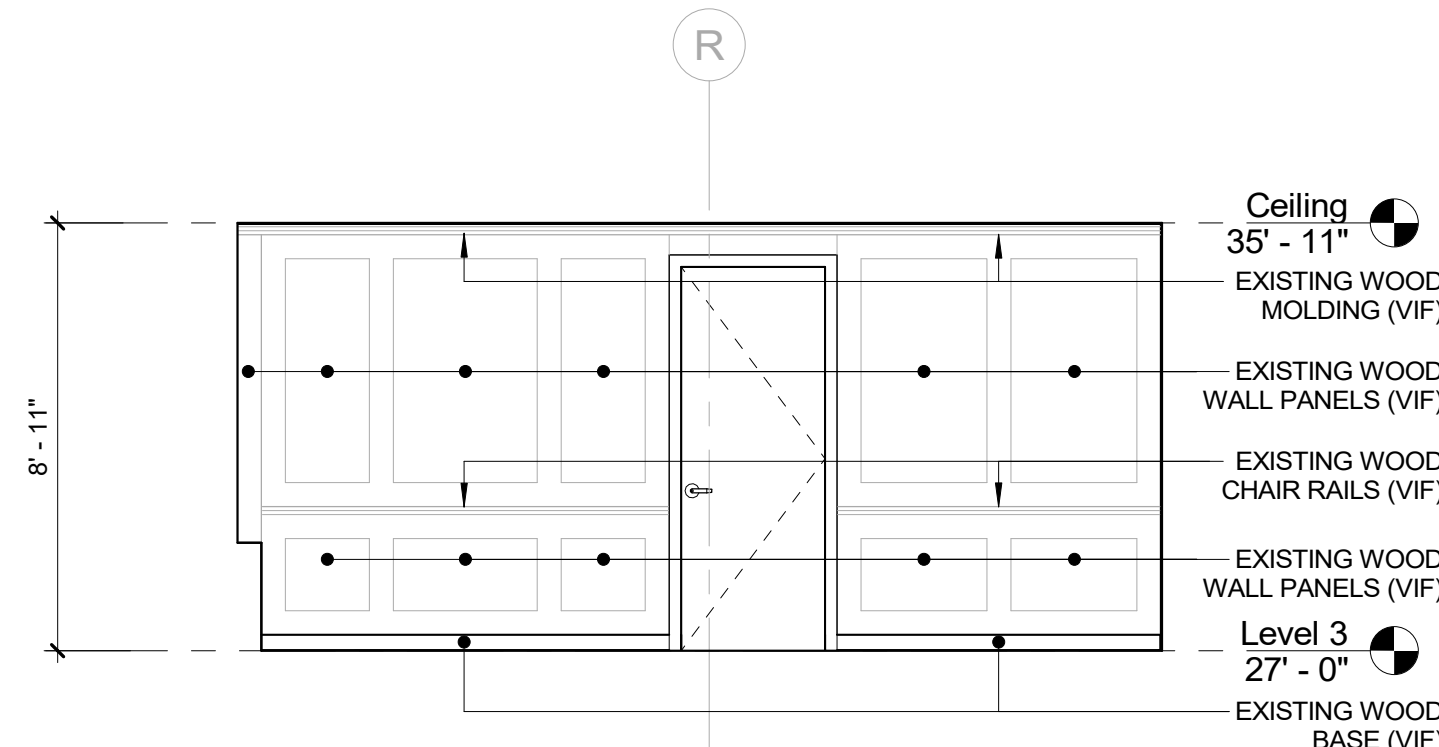
3 ELEVATION - WCC RECEPTION C
1/4" = 1'-0"



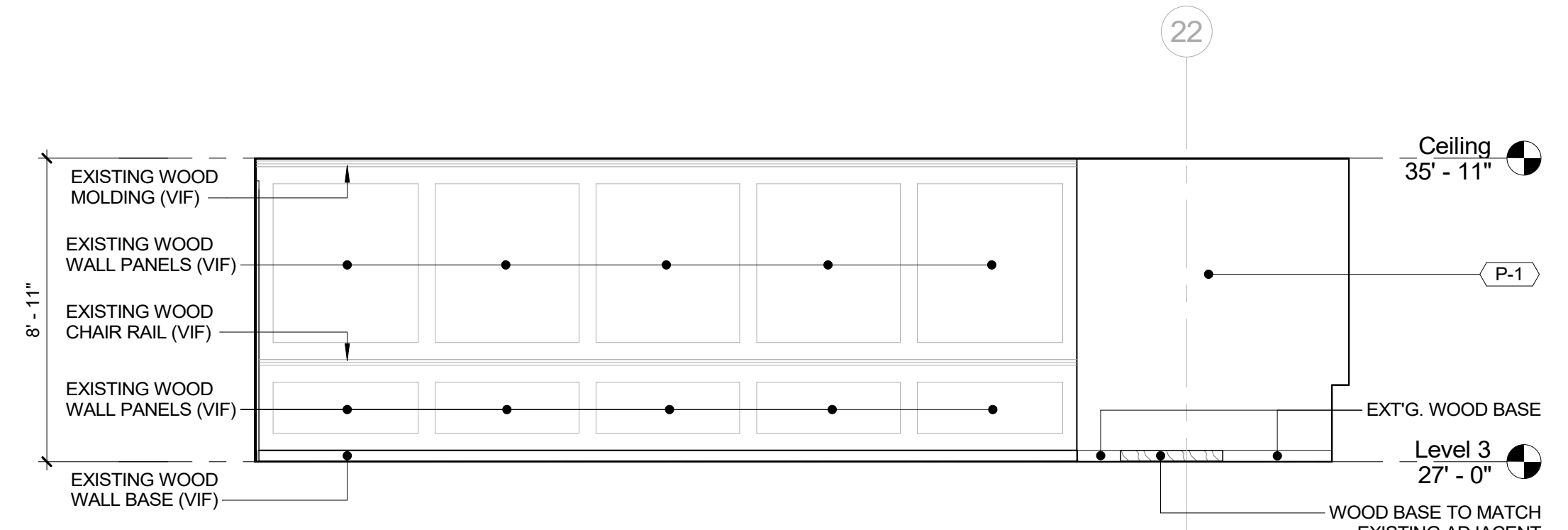
4 ELEVATION - WCC RECEPTION D
1/4" = 1'-0"



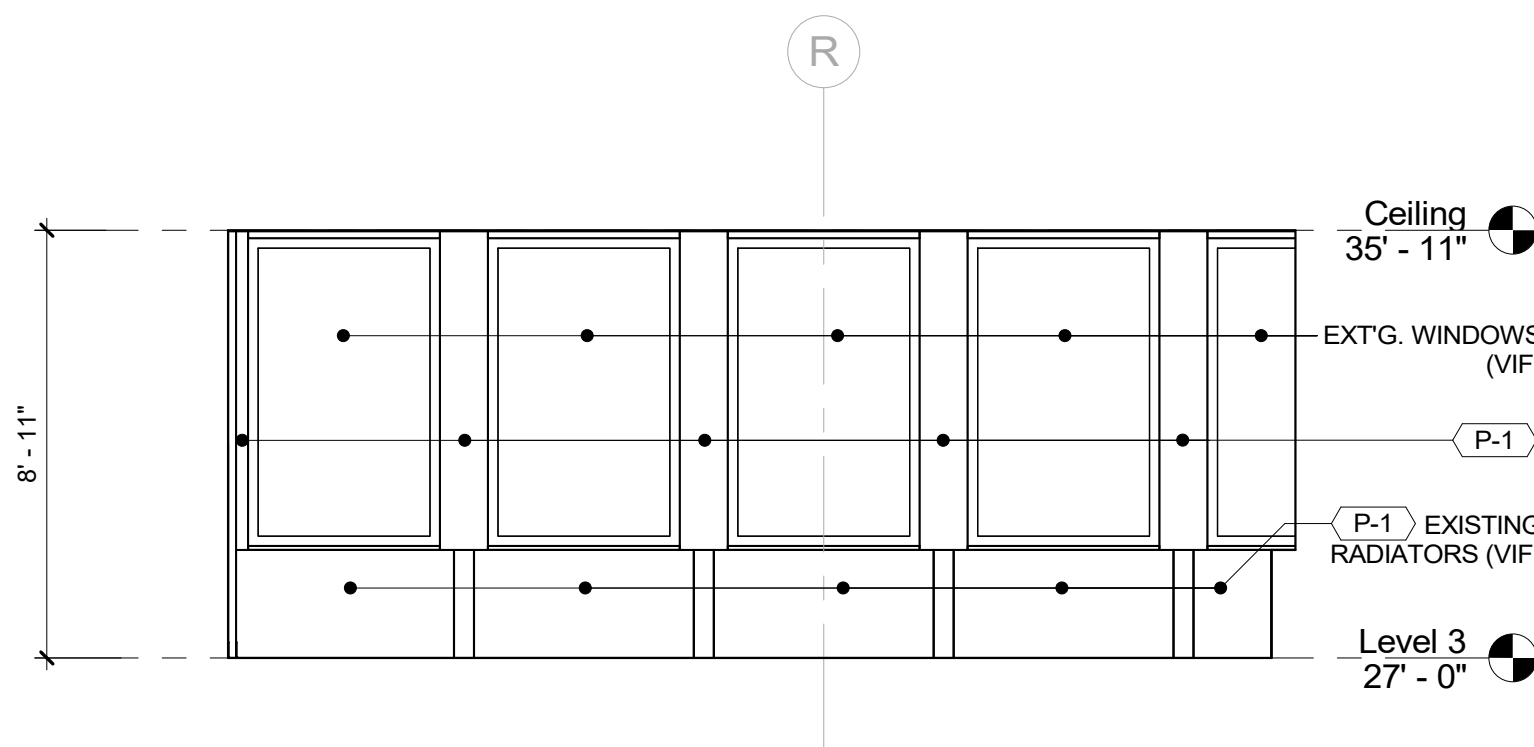
5 ELEVATION - WCC COUNTY CLERK A
1/4" = 1'-0"



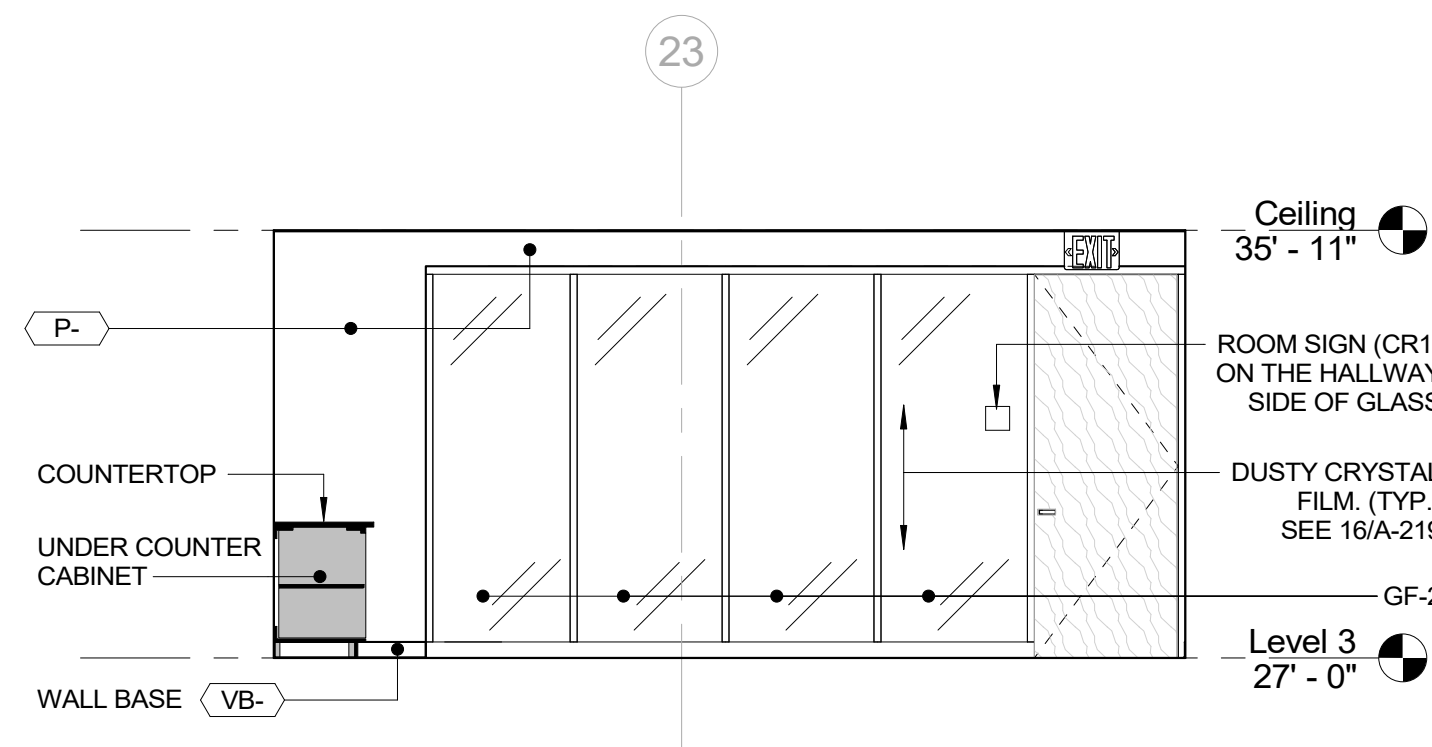
6 ELEVATION - WCC COUNTY CLERK B
1/4" = 1'-0"



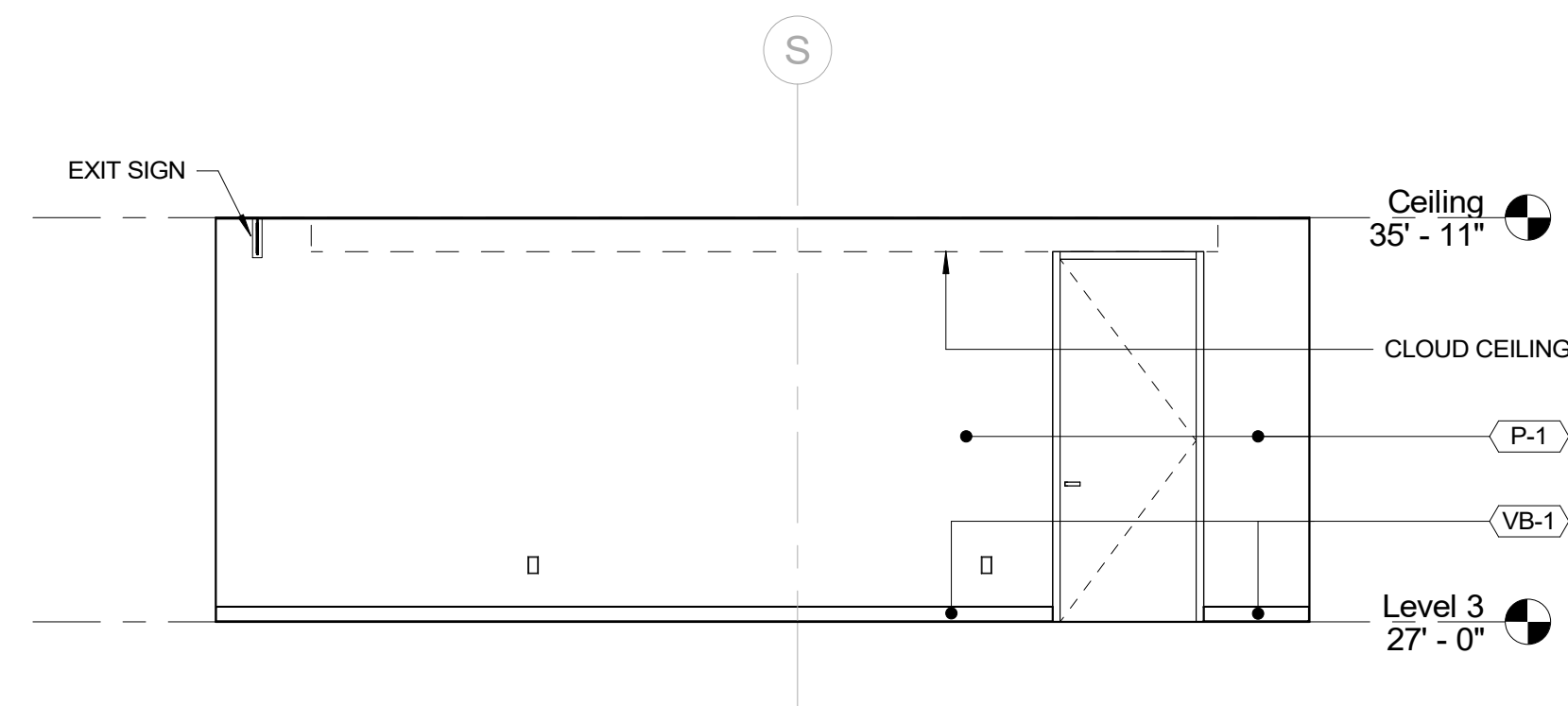
7 ELEVATION - WCC COUNTY CLERK C
1/4" = 1'-0"



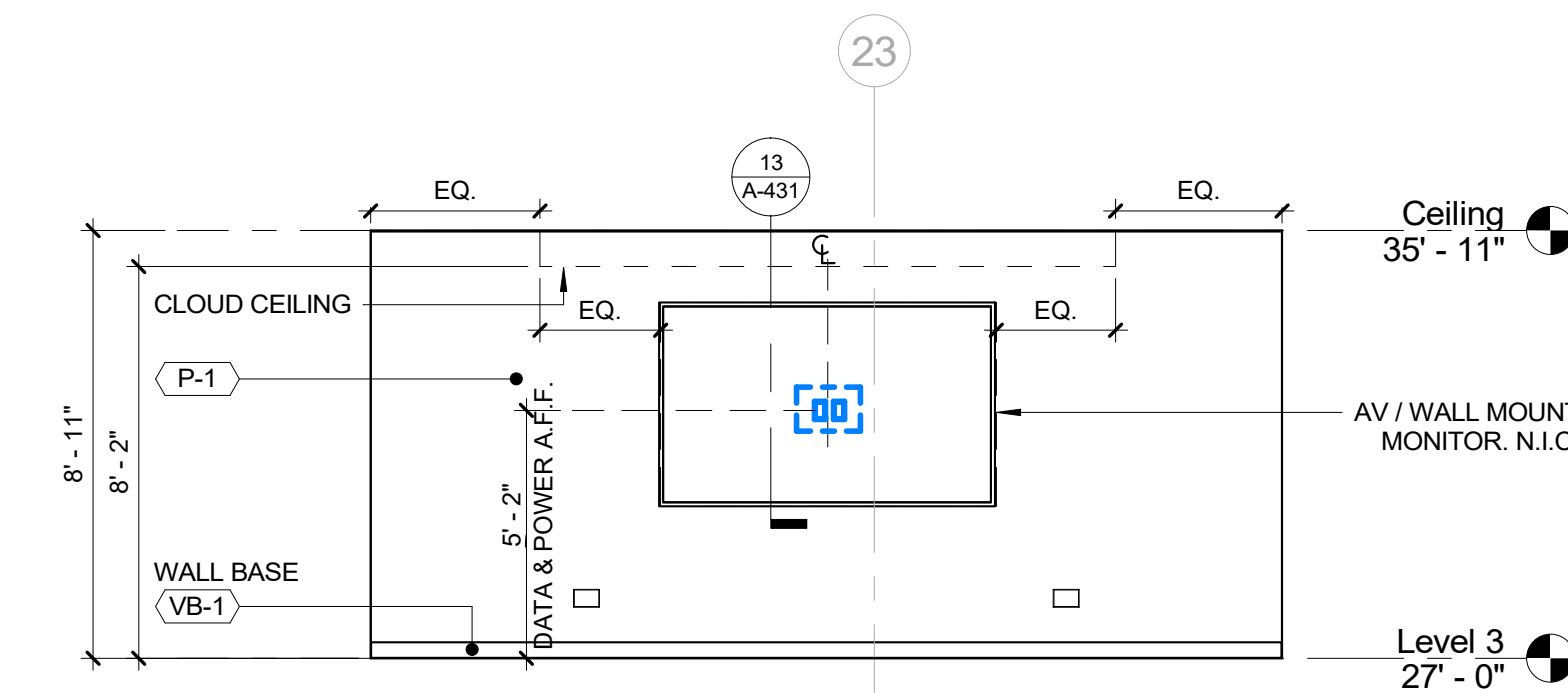
8 ELEVATION - WCC COUNTY CLERK D
1/4" = 1'-0"



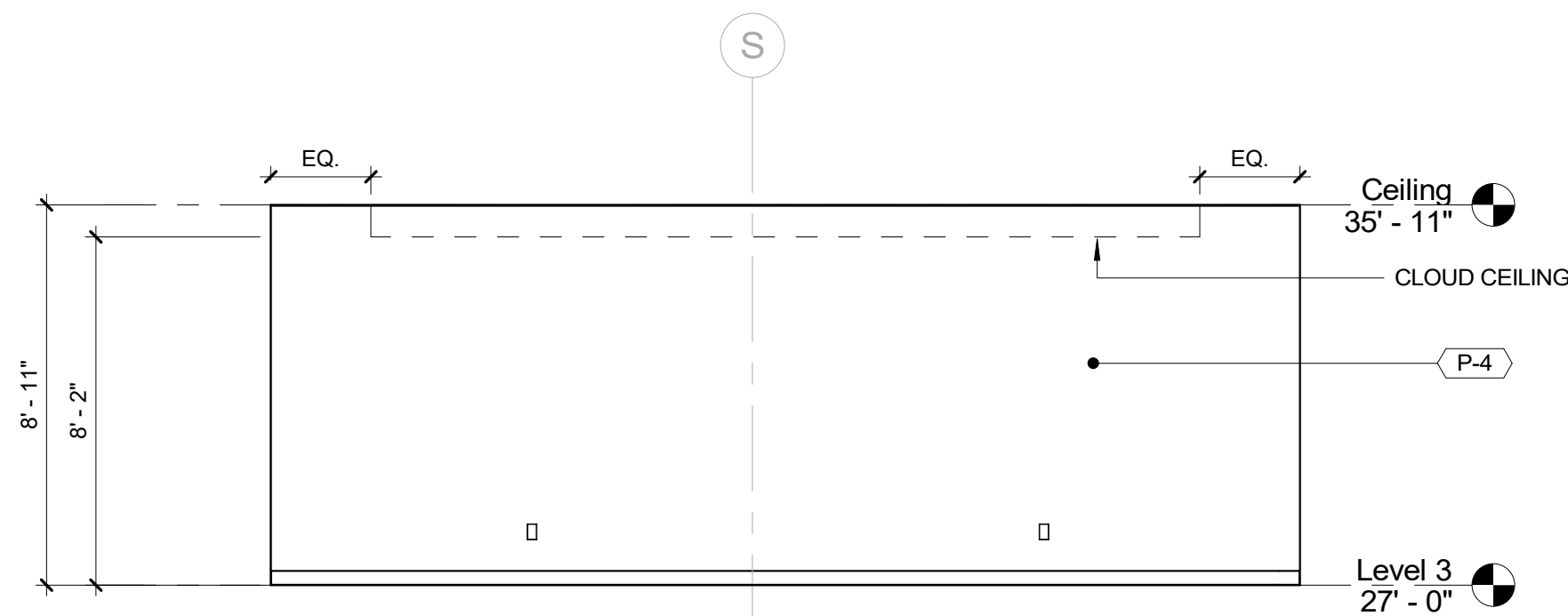
9 ELEVATION - WCC MAIN CONFERENCE ROOM A
1/4" = 1'-0"



10 ELEVATION - WCC MAIN CONFERENCE ROOM B
1/4" = 1'-0"

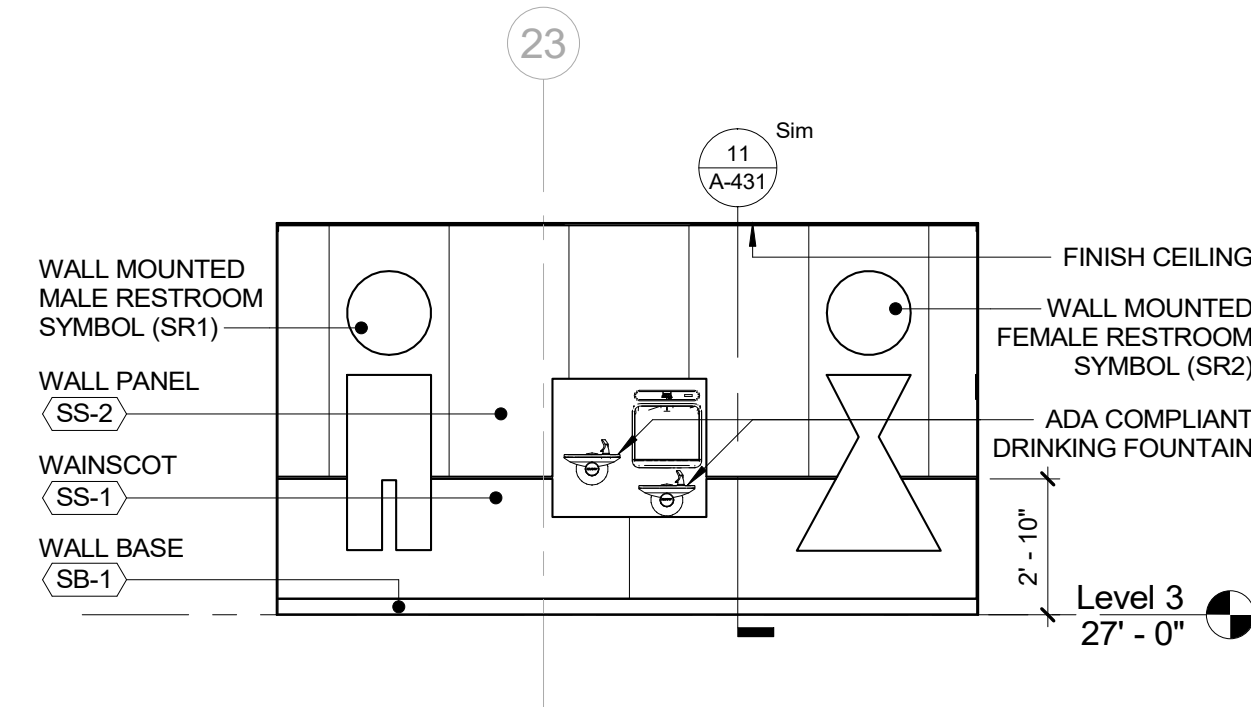


11 ELEVATION - WCC MAIN CONFERENCE ROOM C
1/4" = 1'-0"

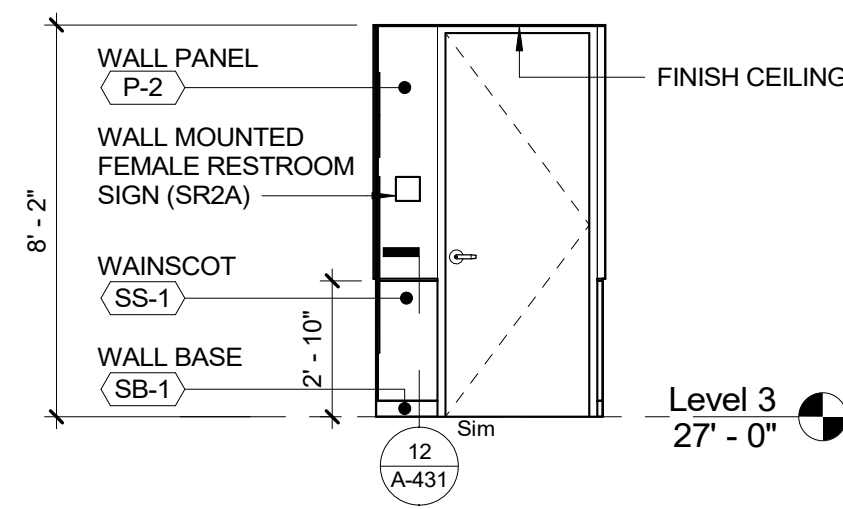


12 ELEVATION - WCC MAIN CONFERENCE ROOM D
1/4" = 1'-0"

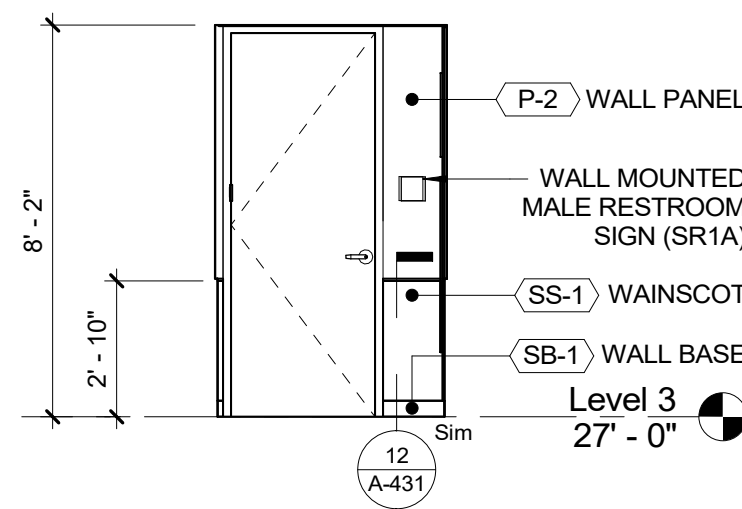
		CONSULTANT INFORMATION	
		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APP'D BY
REVISION			
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		CONTRACTOR	
NAME:	SIGNATURE:	NAME:	SIGNATURE:
TITLE:	DATE:	TITLE:	DATE:
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER A-222
DIVISION OF ENGINEERING		SHEET NO. 76	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1/4" = 1'-0"	DATE: May 20, 2021
INTERIOR ELEVATIONS - NORTH WING		DPW FILE NO. 52-01-A-520	REV NO. 0



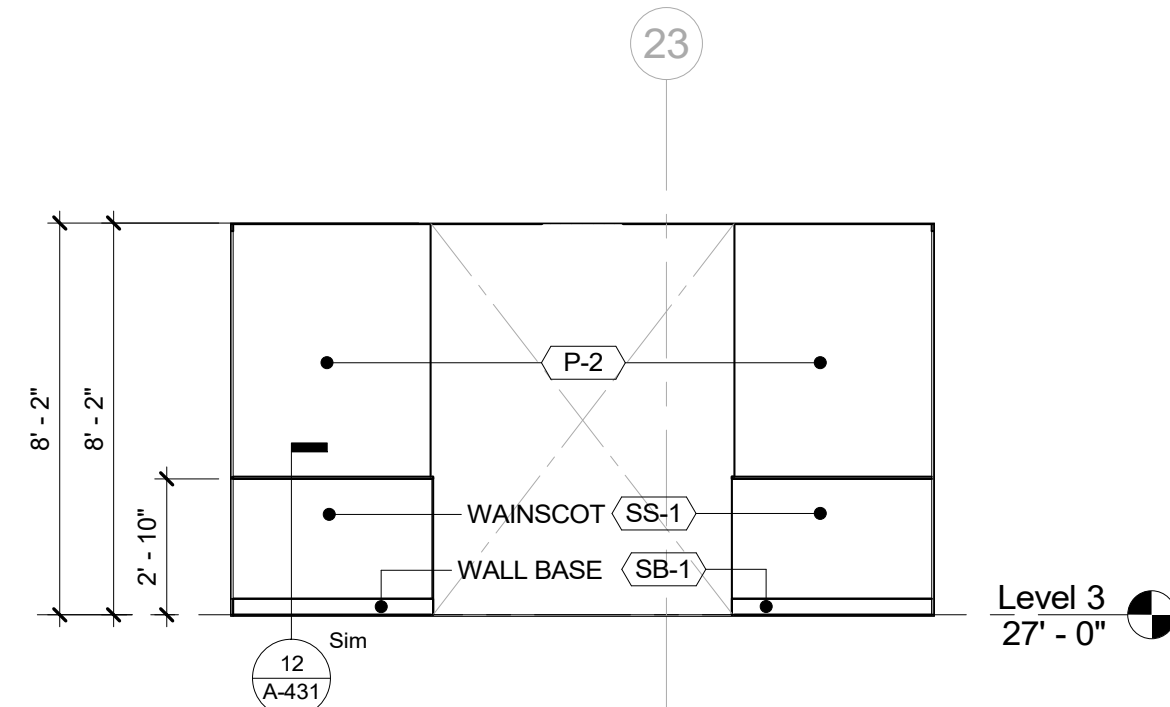
1 ELEVATION - STAFF RESTROOMS ACCESS A
1/4" = 1'-0"



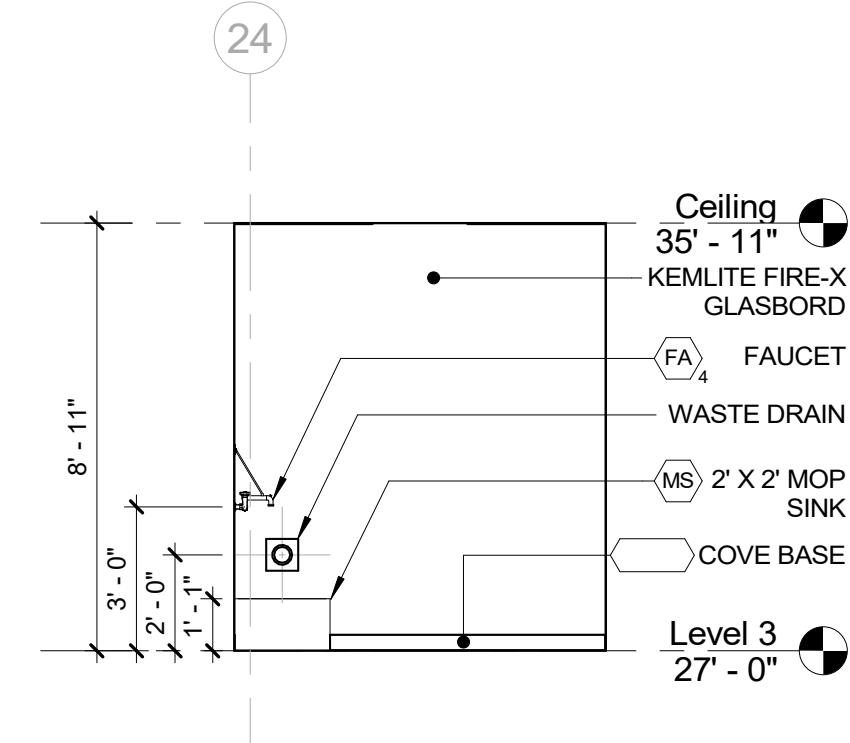
2 ELEVATION - SR ACCESS B
1/4" = 1'-0"



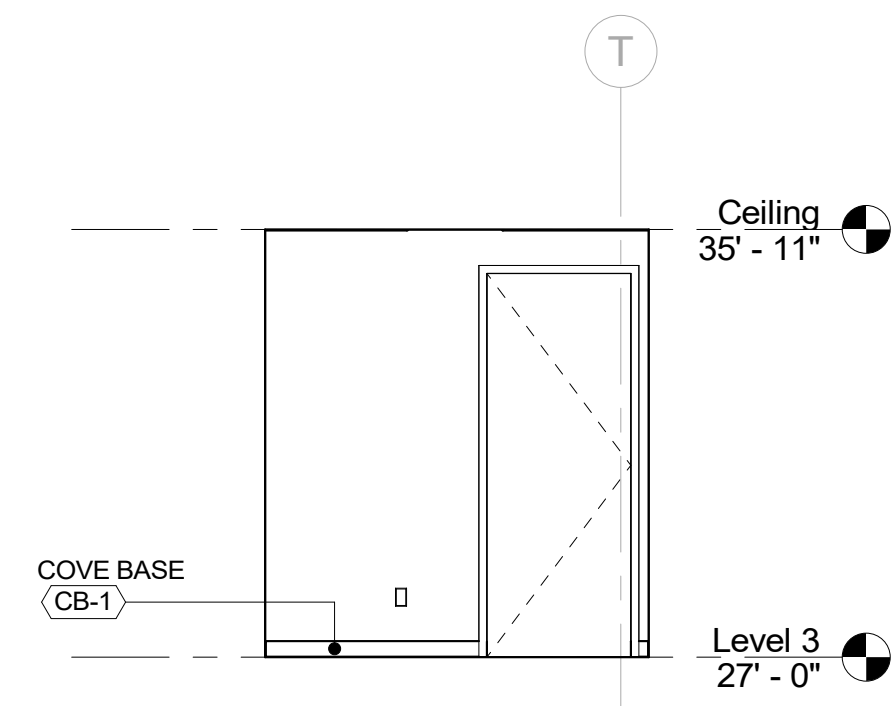
3 ELEVATION - SR ACCESS C
1/4" = 1'-0"



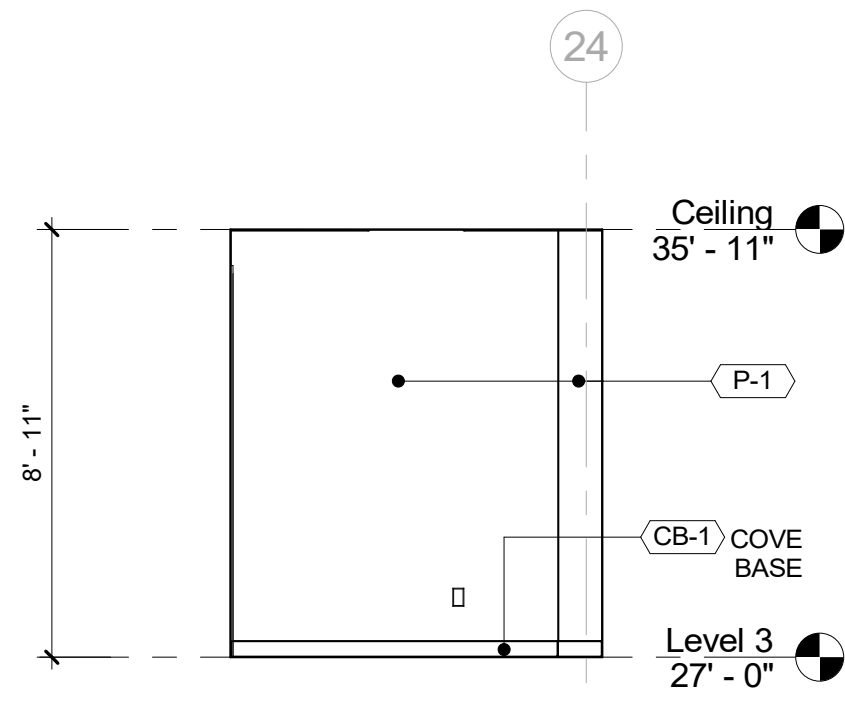
4 ELEVATION - SR ACCESS
1/4" = 1'-0"



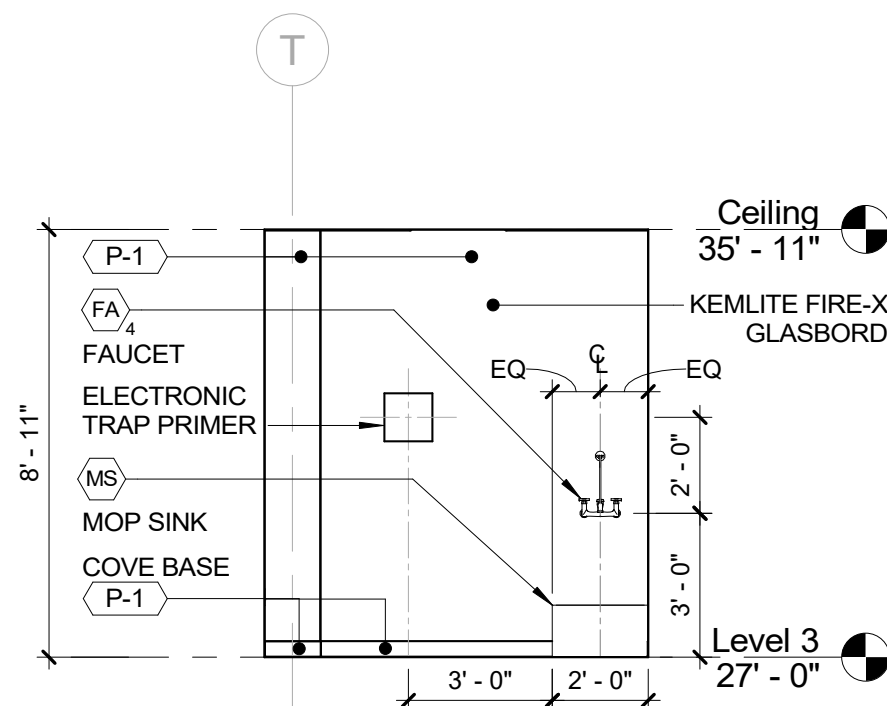
5 ELEVATION - JANITOR A
1/4" = 1'-0"



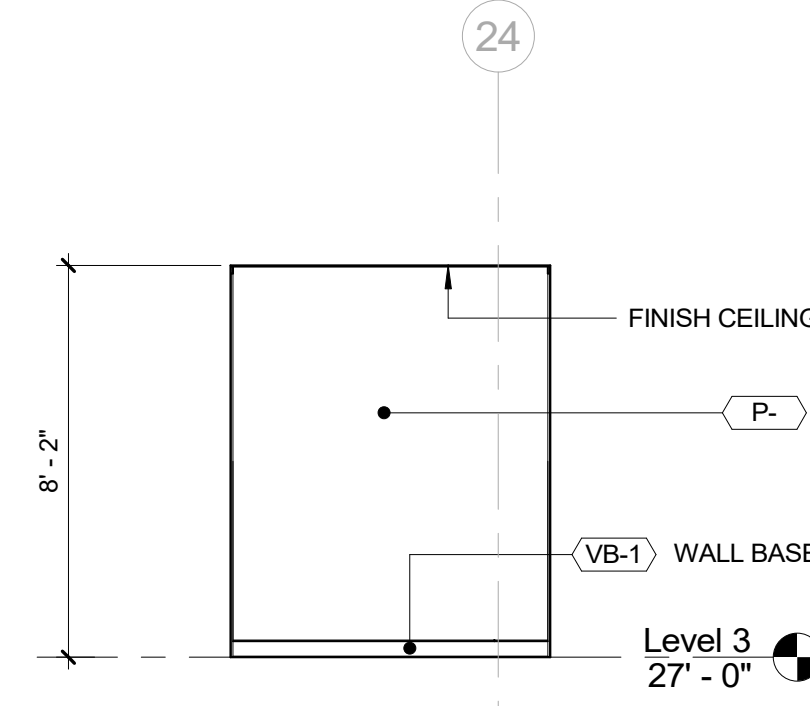
6 ELEVATION - JANITOR B
1/4" = 1'-0"



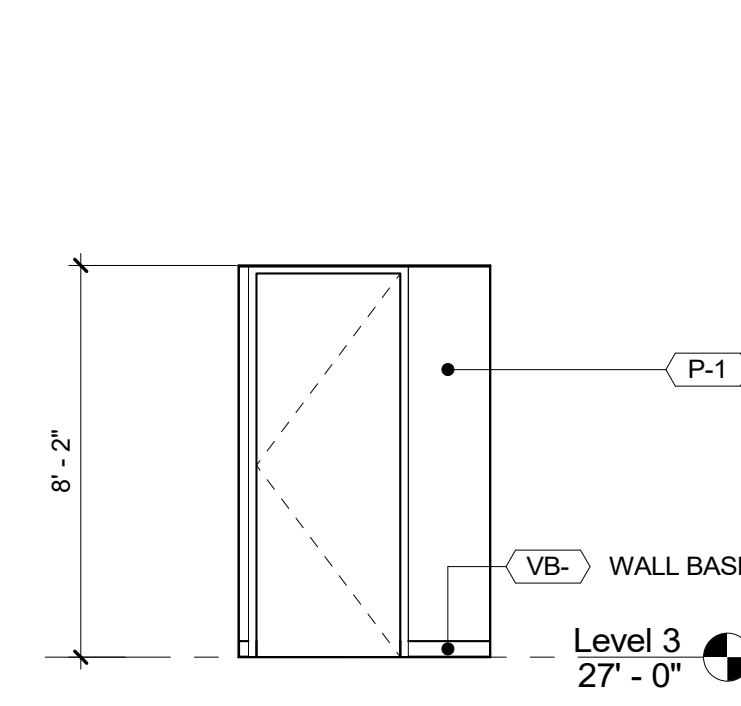
7 ELEVATION - JANITOR C
1/4" = 1'-0"



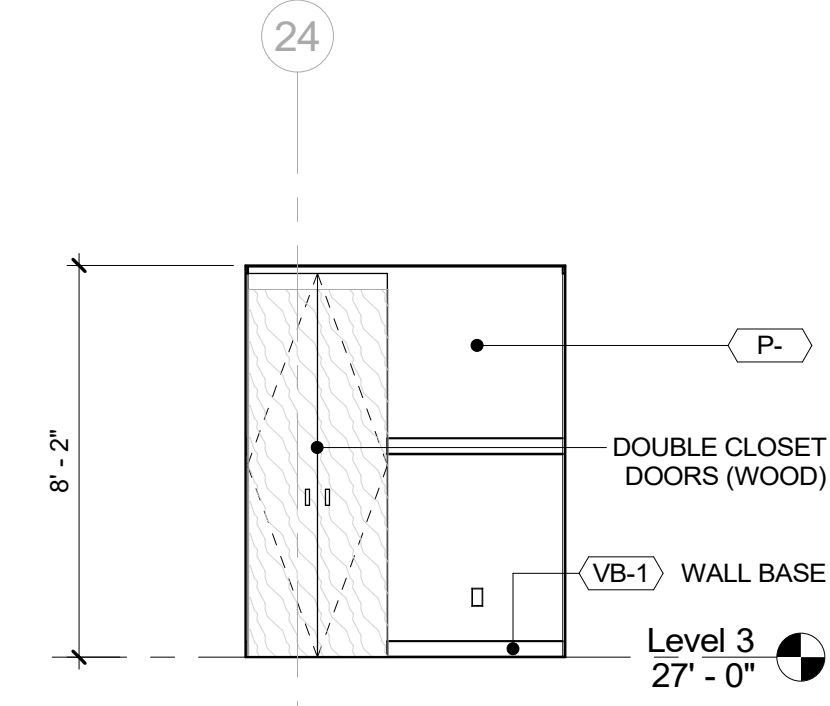
8 ELEVATION - JANITOR D
1/4" = 1'-0"



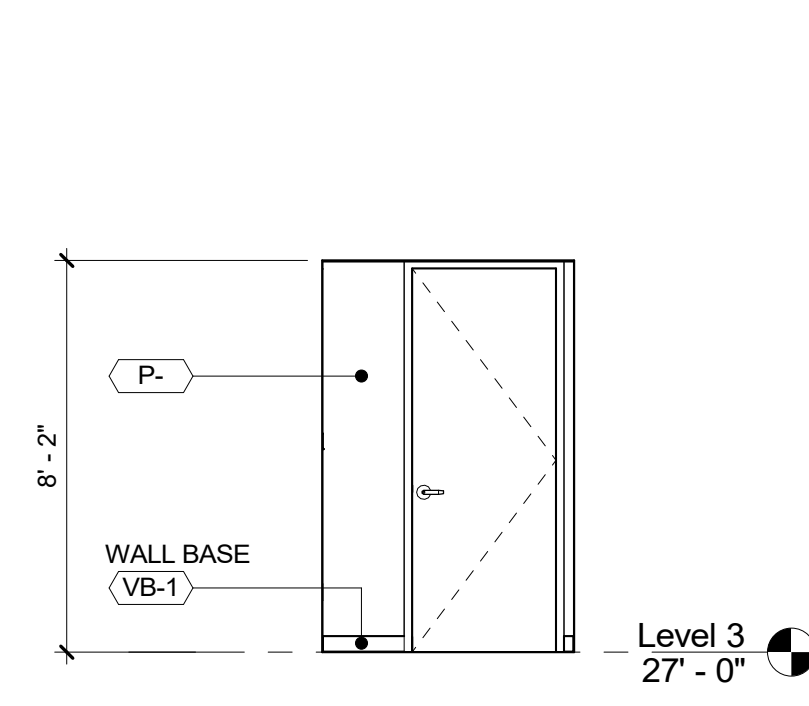
9 ELEVATION - WCC BA A
1/4" = 1'-0"



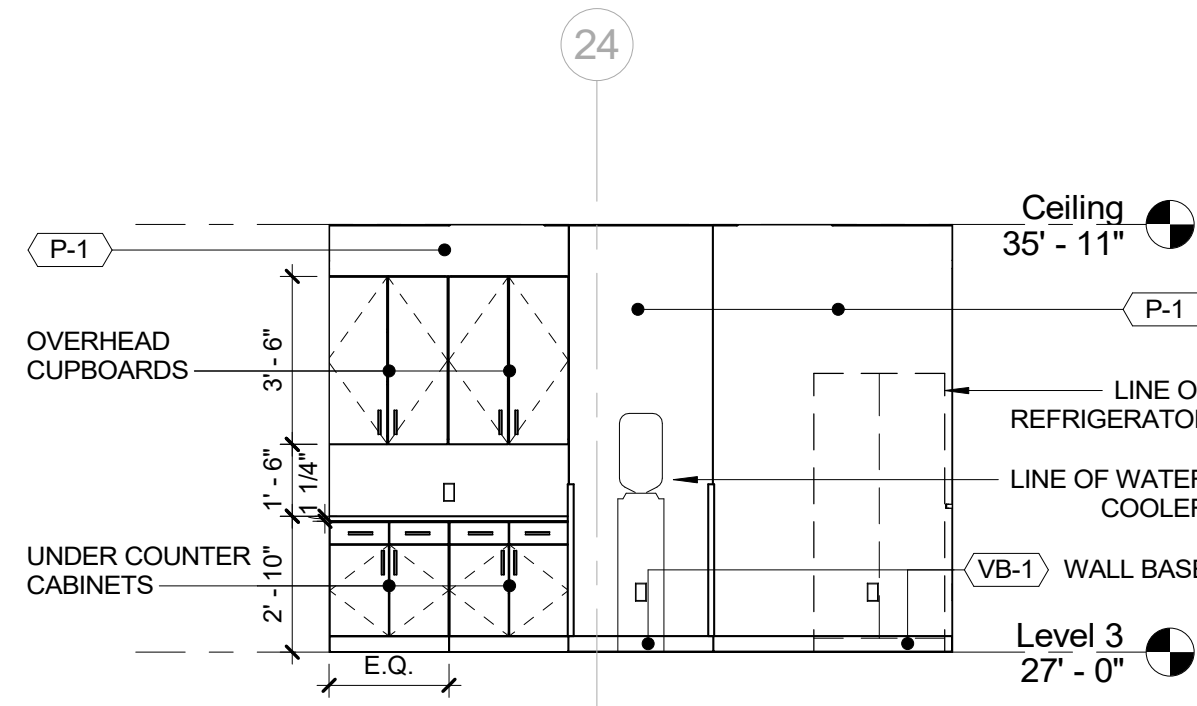
10 ELEVATION - WCC BA B
1/4" = 1'-0"



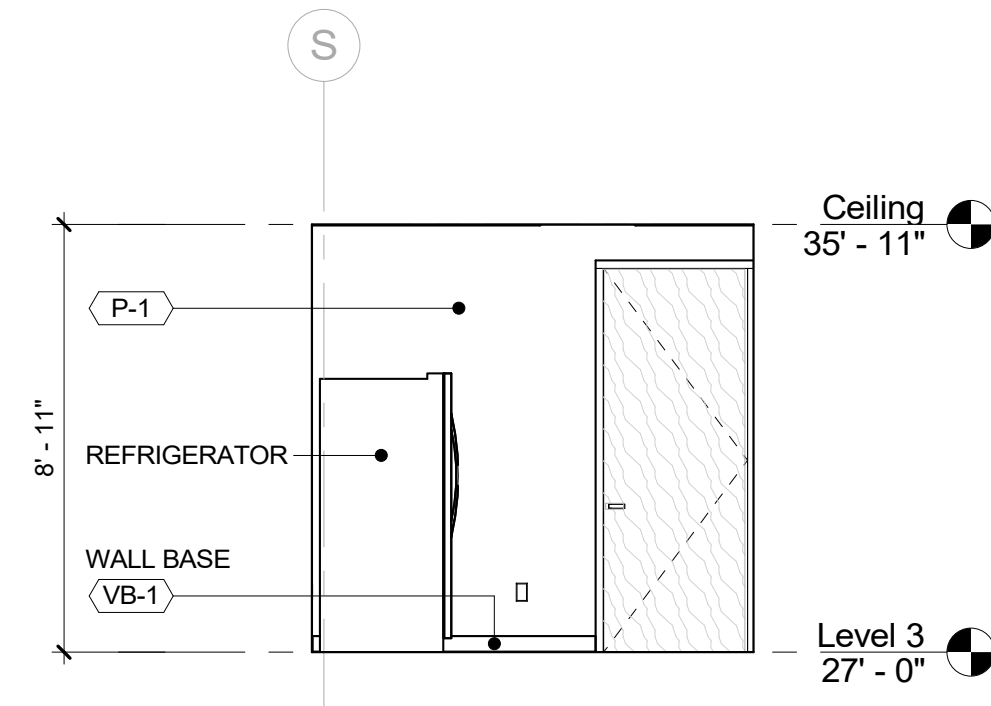
11 ELEVATION - WCC BA C
1/4" = 1'-0"



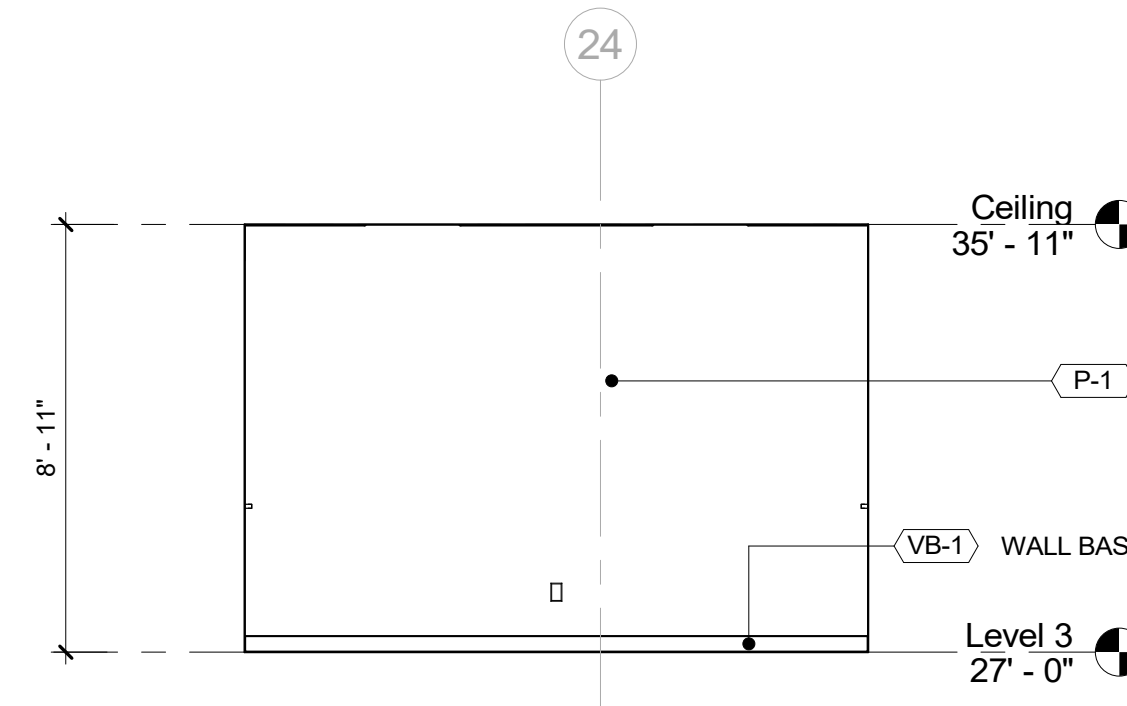
12 ELEVATION - WCC BA D
1/4" = 1'-0"



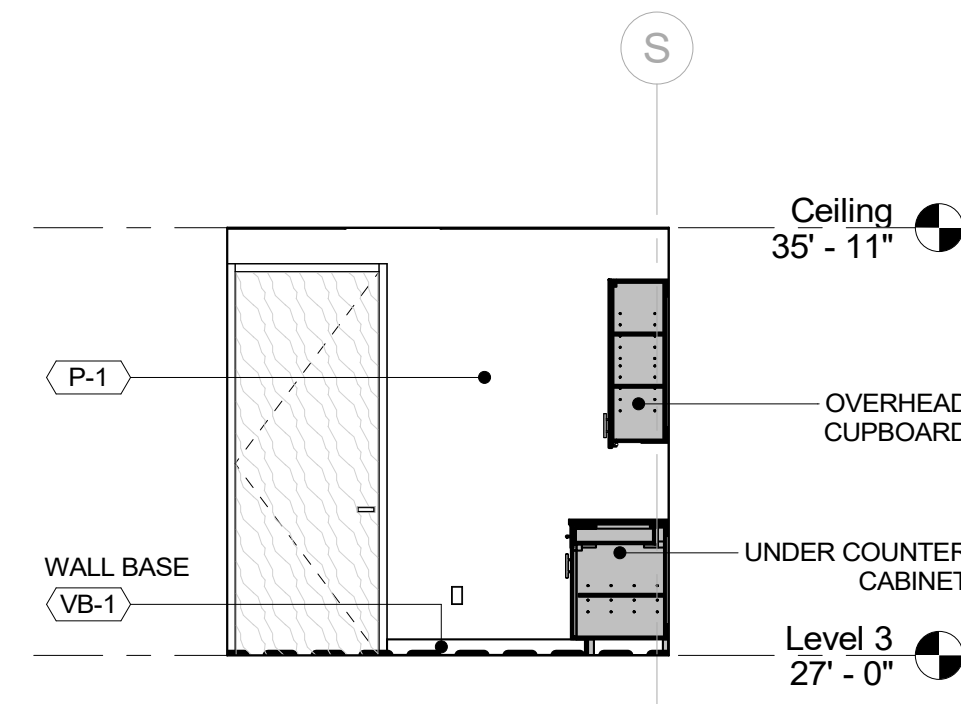
13 ELEVATION - WCC PANTRY
1/4" = 1'-0"



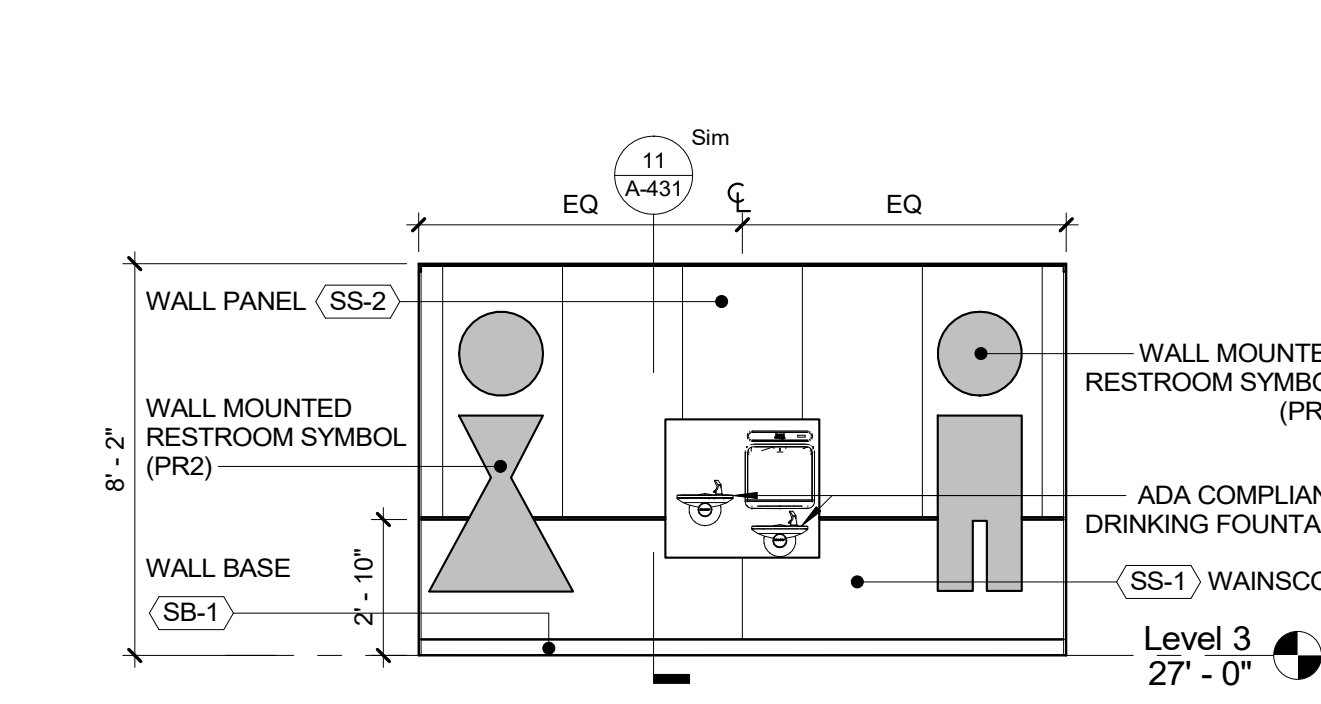
14 ELEVATION - WCC STORAGE B
1/4" = 1'-0"



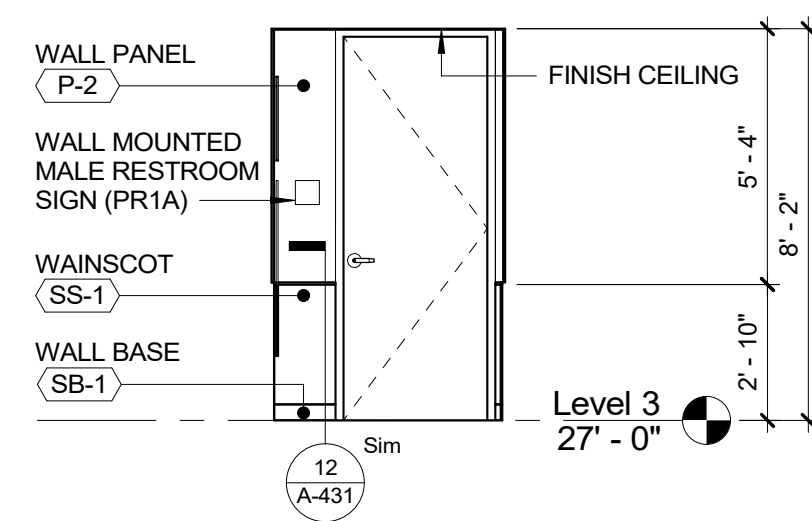
15 ELEVATION - WCC STORAGE C
1/4" = 1'-0"



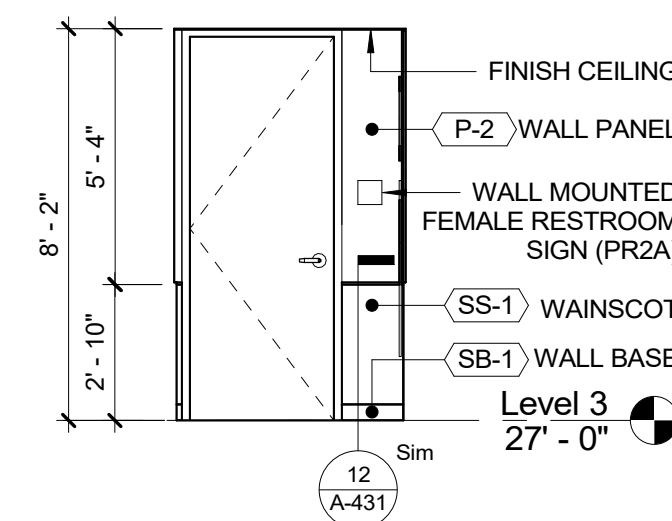
16 ELEVATION - WCC STORAGE D
1/4" = 1'-0"



17 ELEVATION - PR ACCESS A
1/4" = 1'-0"

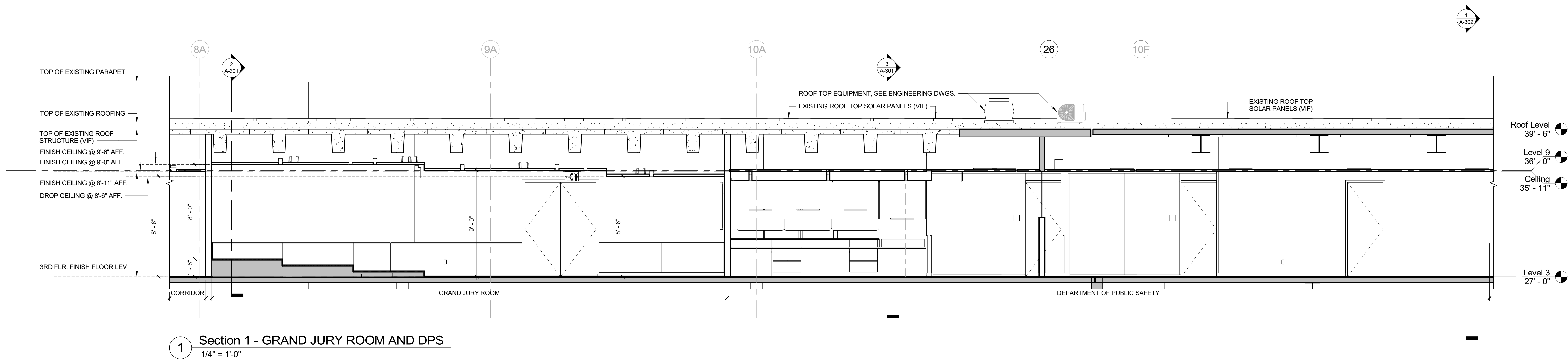


18 ELEVATION - PR ACCESS B
1/4" = 1'-0"

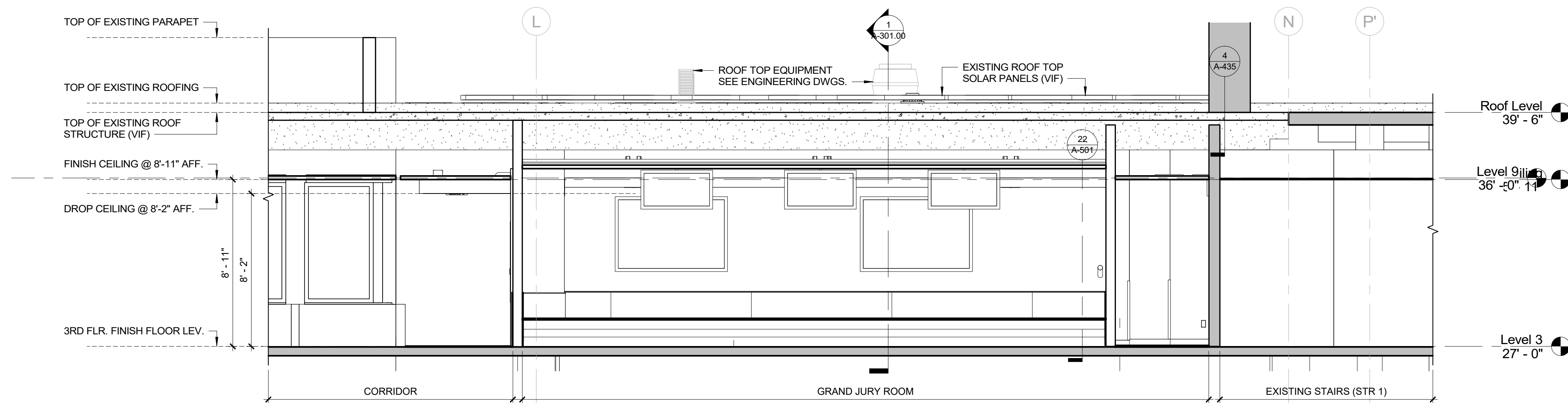


19 ELEVATION - PR ACCESS C
1/4" = 1'-0"

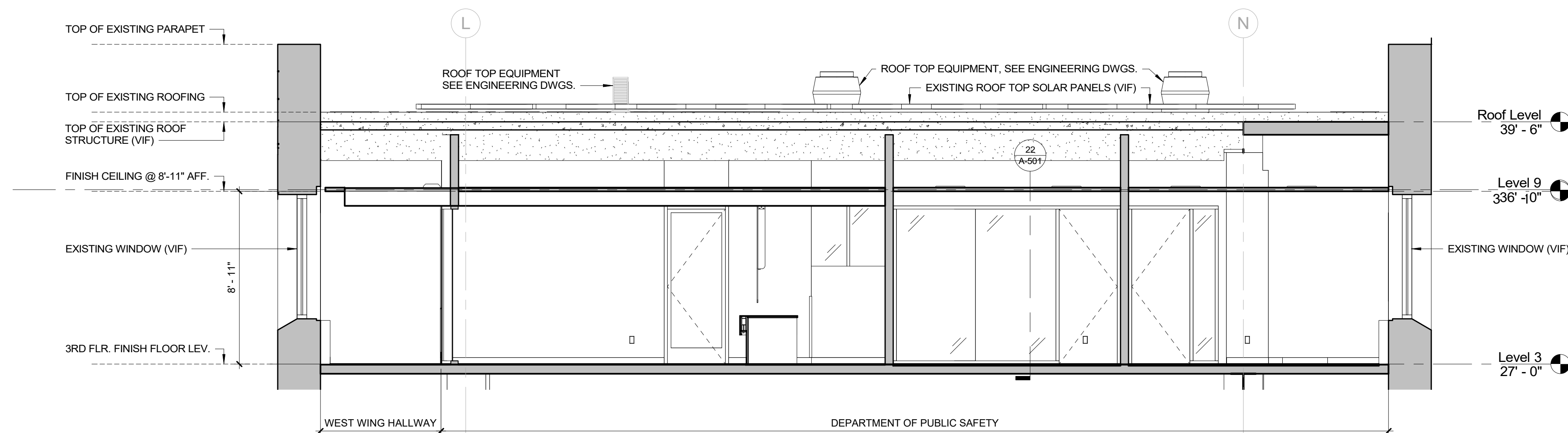
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		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APP'D BY
REVISION			
RECORD DRAWING CERTIFICATION			
CONTRACTOR		CONTRACTOR	
NAME: _____		NAME: _____	
SIGNATURE: _____		SIGNATURE: _____	
TITLE: _____		TITLE: _____	
DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 77 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: 1/4" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021	
WHITE PLAINS, NEW YORK		Issue Date	
INTERIOR ELEVATIONS - NORTH WING		DPW FILE NO. 52-01-A-521	
		REV NO. 0	



1 Section 1 - GRAND JURY ROOM AND DPS
1/4" = 1'-0"

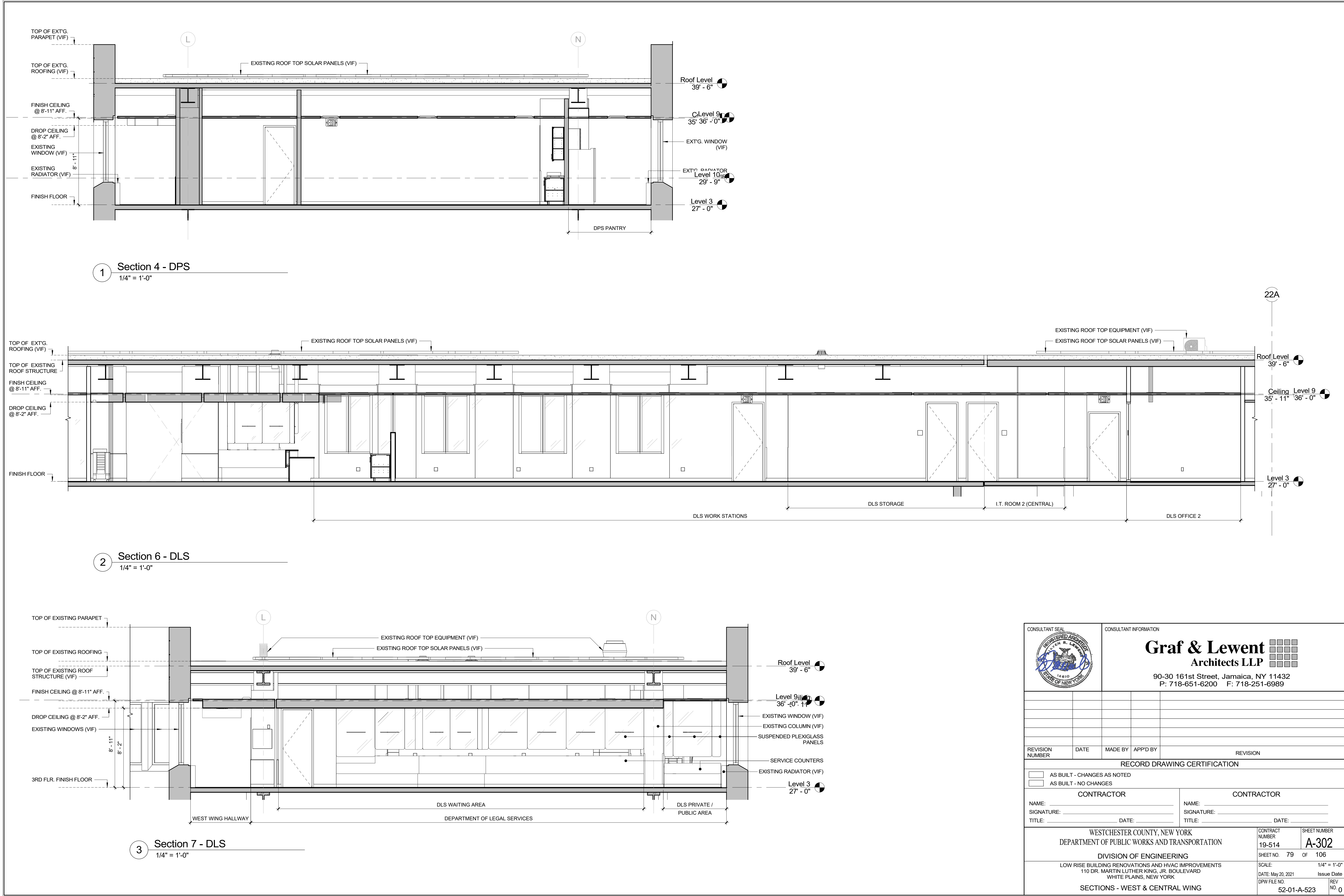



2 Section 2 - GRAND JURY ROOM
1/4" = 1'-0"



3 Section 3 - DPS
1/4" = 1'-0"

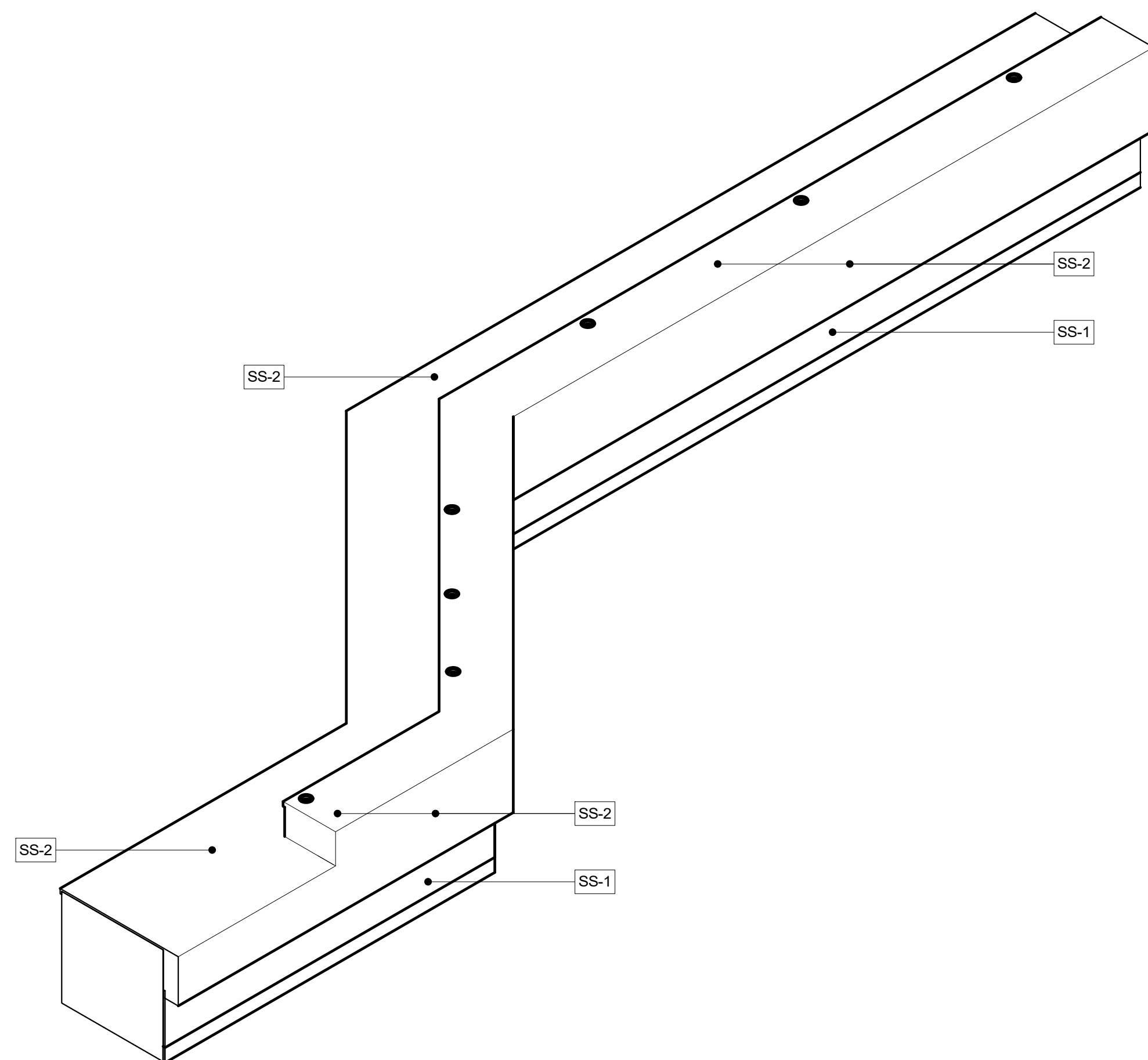
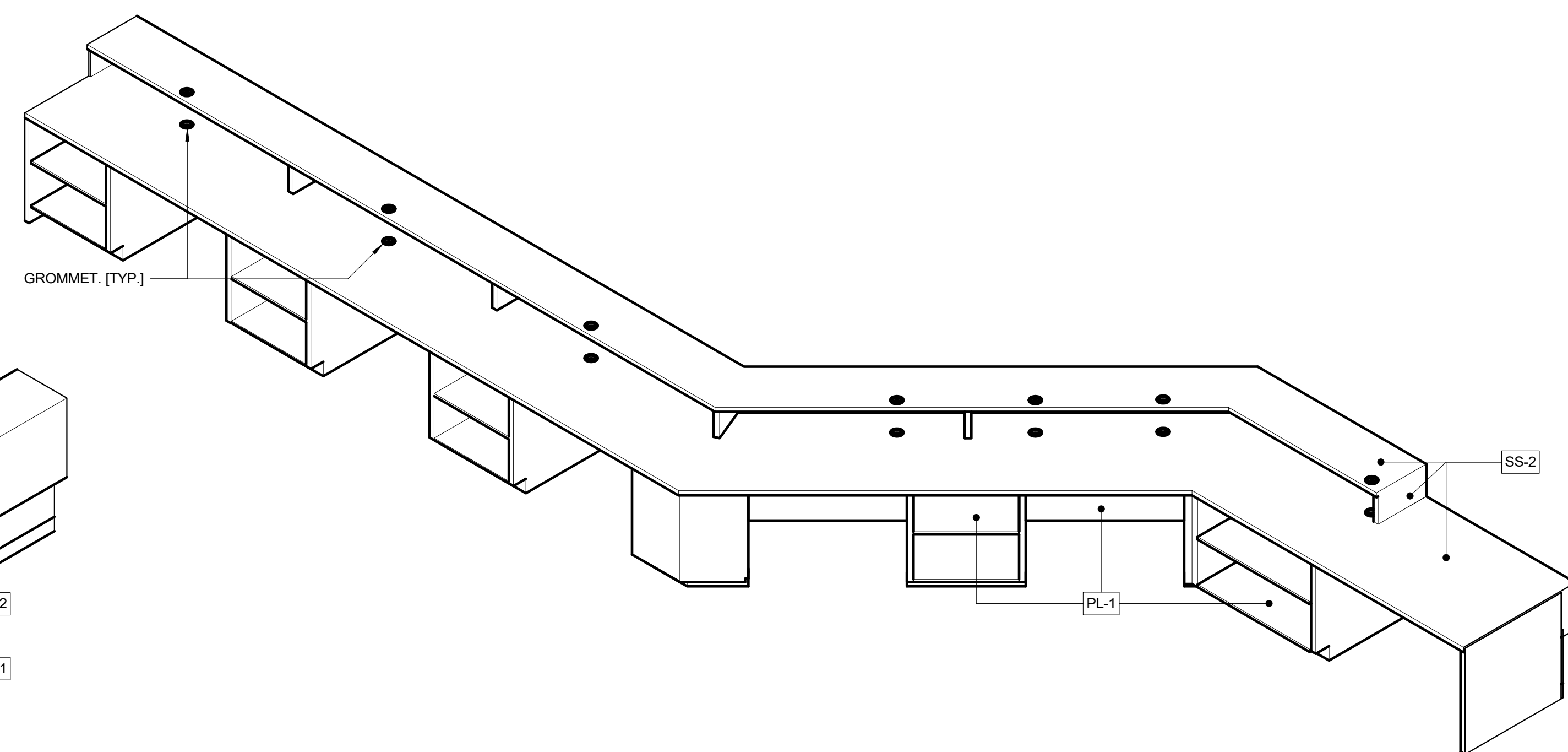
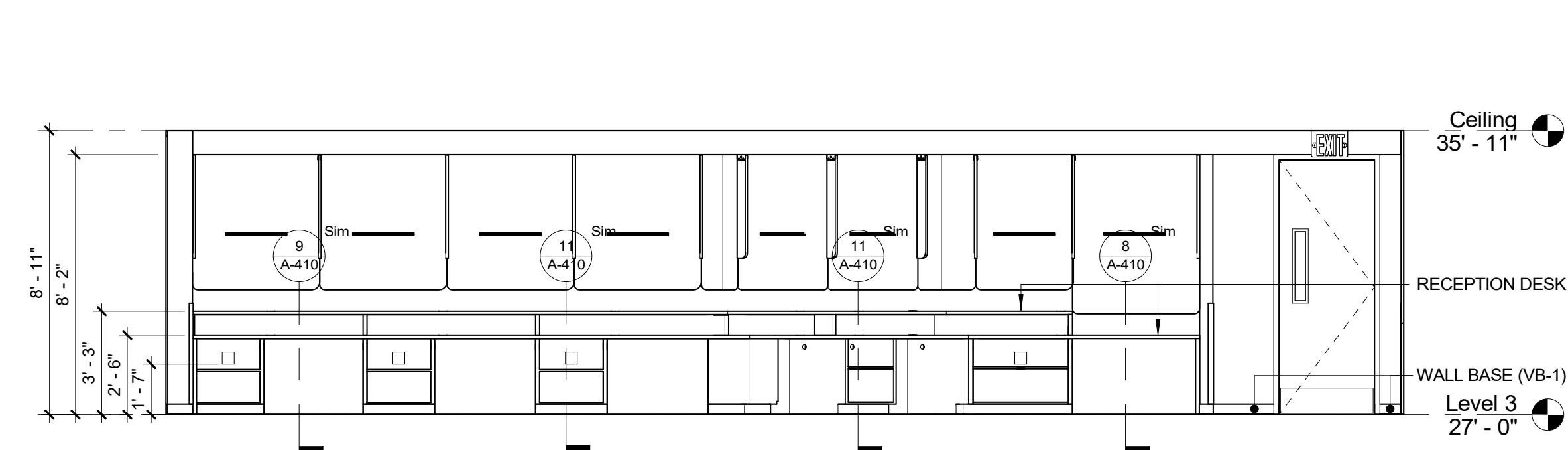
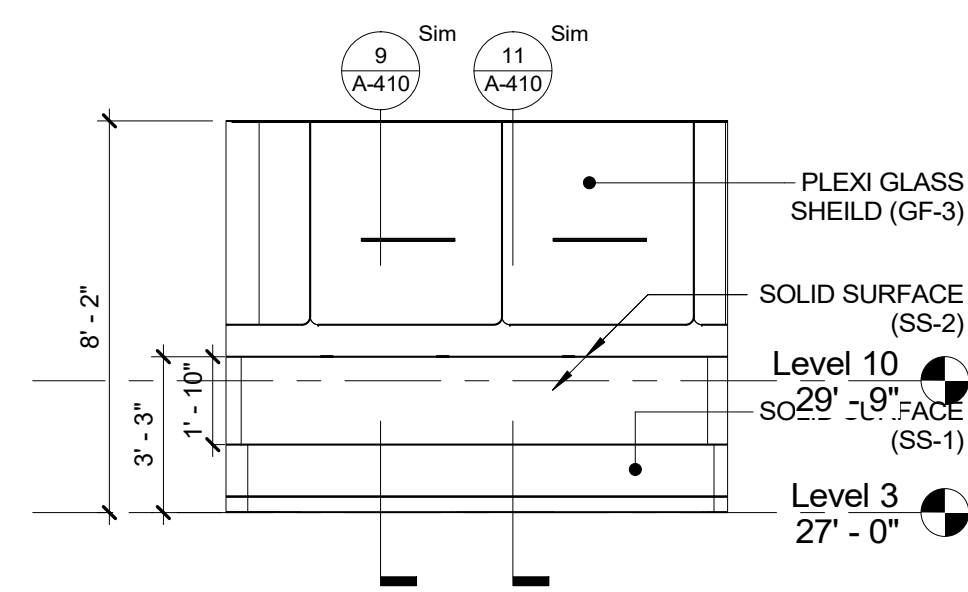
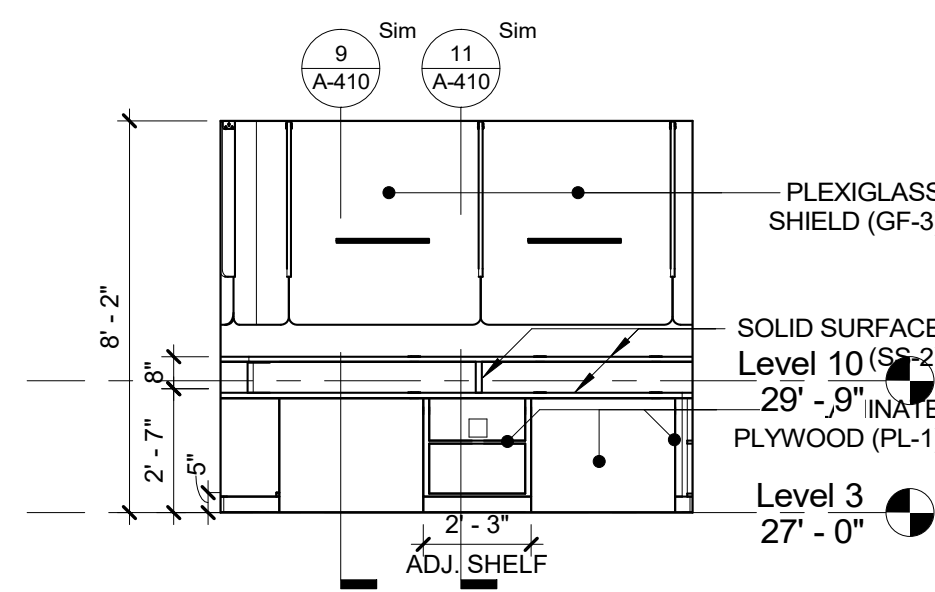
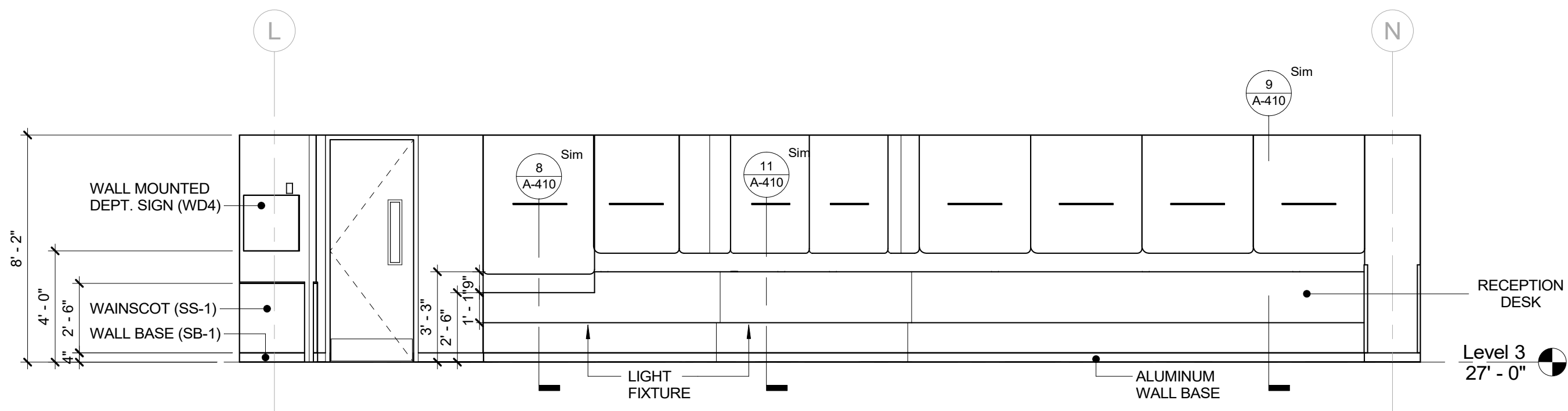
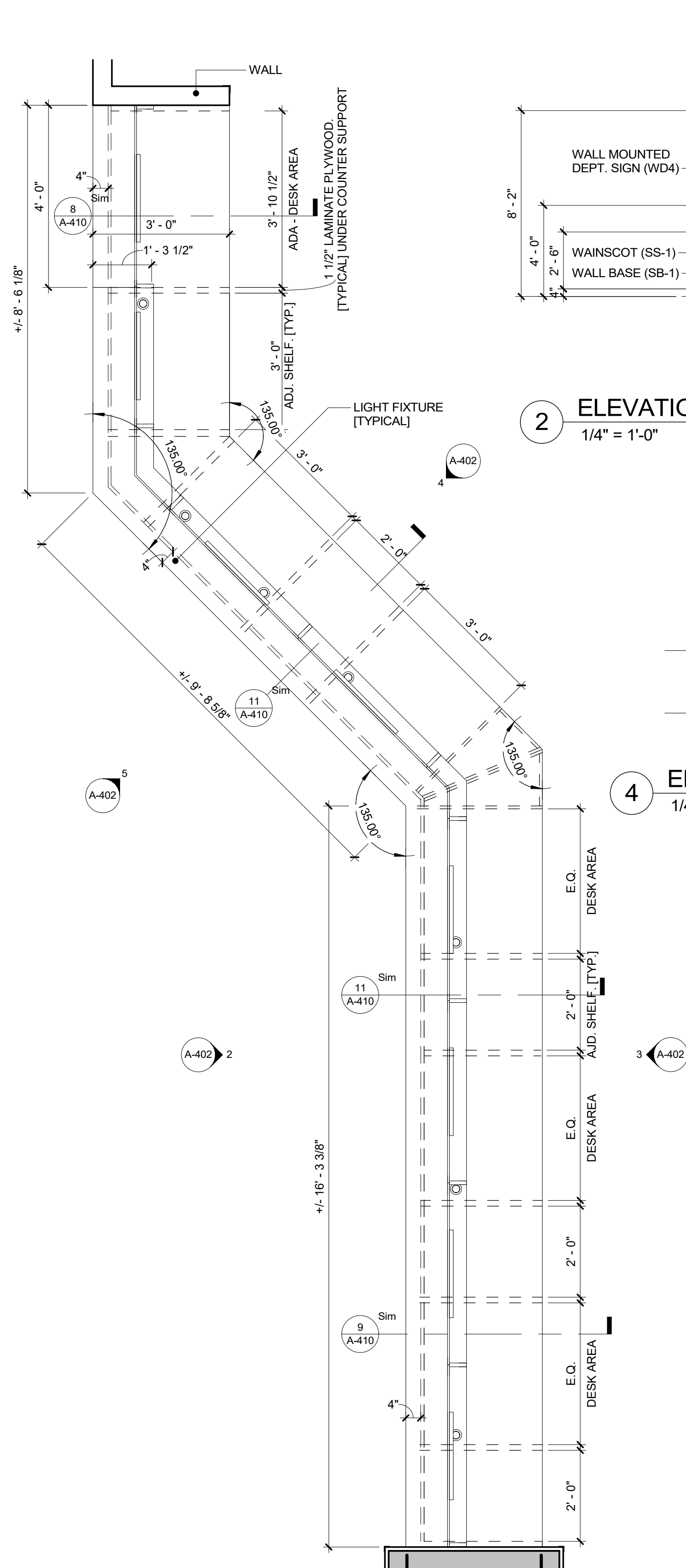
		CONSULTANT INFORMATION	
		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APP'D BY
REVISION			
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SIGNATURE:		SIGNATURE:	
TITLE:		TITLE:	
DATE:		DATE:	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 78 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: 1/4" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021 Issue Date	
WHITE PLAINS, NEW YORK		DPW FILE NO. 52-01-A-522	
SECTIONS - WEST WING		REV NO. 0	



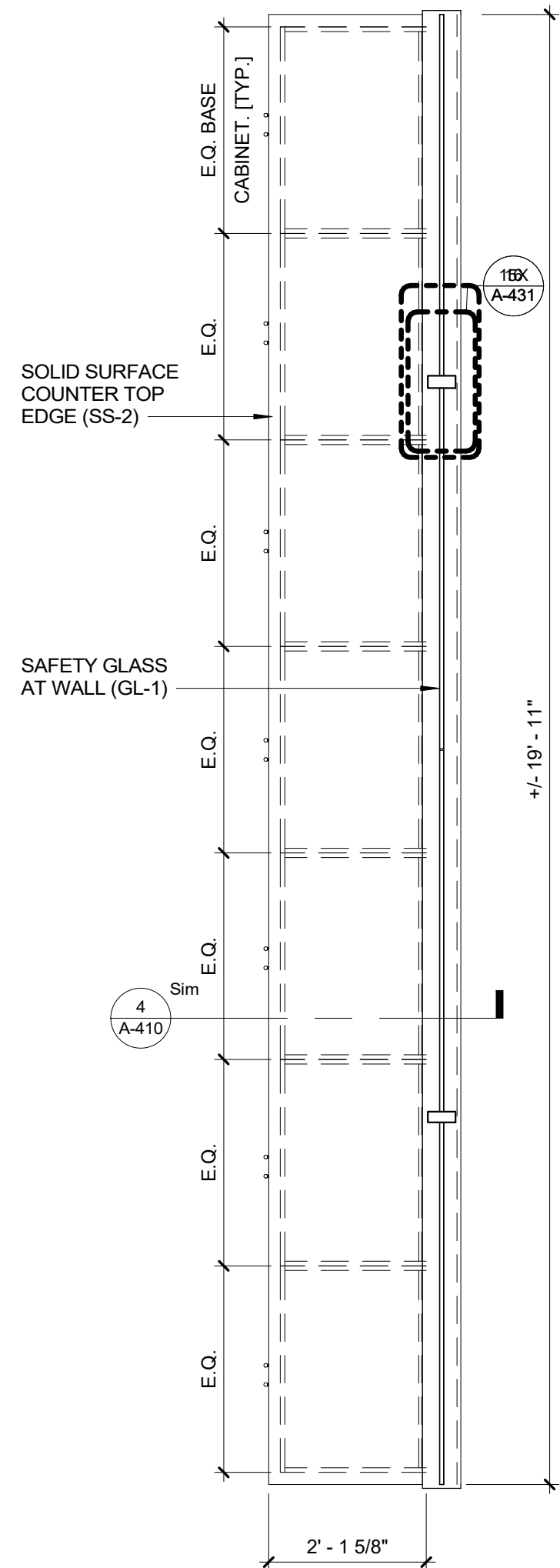
		CONSULTANT INFORMATION	
		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APP'D BY
REVISION			
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NAME: _____		NAME: _____	
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TITLE: _____		TITLE: _____	
DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 79 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: 1/4" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021	
WHITE PLAINS, NEW YORK		Issue Date	
SECTIONS - WEST & CENTRAL WING		DPW FILE NO. 52-01-A-523	
		REV NO. 0	



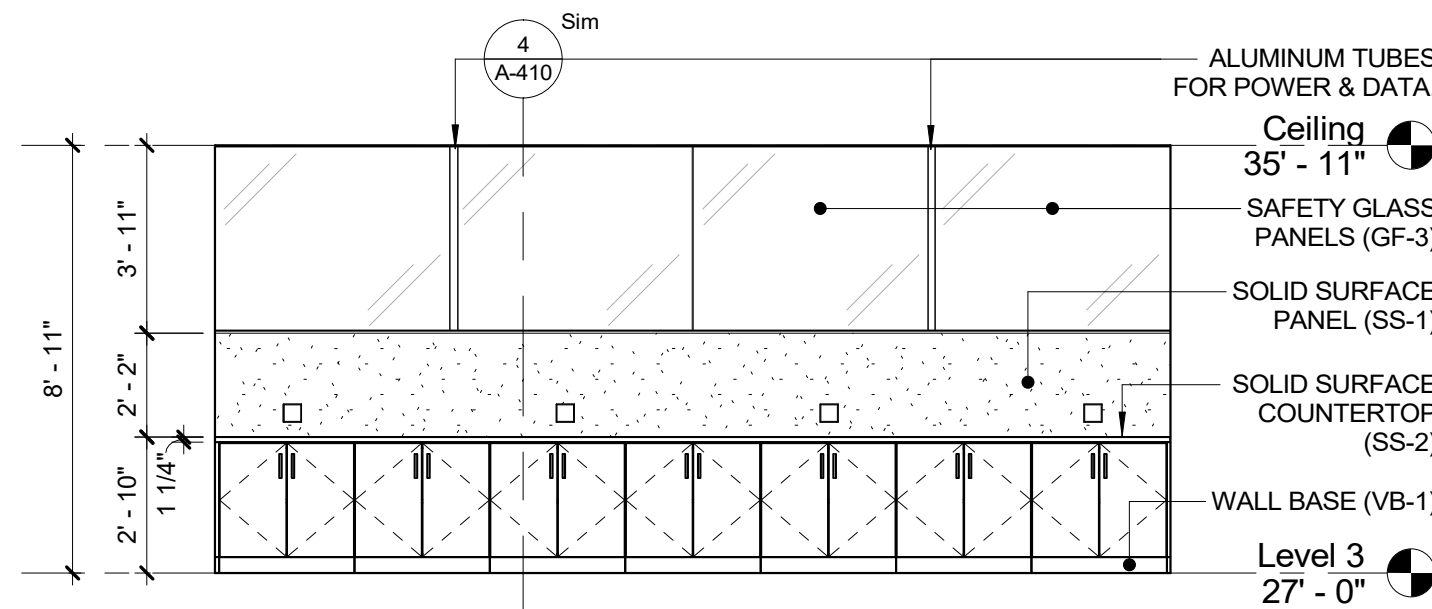
CONSULTANT SEAL 	CONSULTANT INFORMATION <h1 style="margin: 0;">Graf & Lewent</h1> <h2 style="margin: 0;">Architects LLP</h2> <p style="margin: 0;">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>																														
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NAME: _____			NAME: _____																												
SIGNATURE: _____			SIGNATURE: _____																												
TITLE: _____ DATE: _____			TITLE: _____ DATE: _____																												
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING																															
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK				CONTRACT NUMBER 19-514	SHEET NUMBER A-401																										
MILLWORK & FURNITURE DETAILS				SHEET NO. 80 OF 106	SCALE: As indicated DATE: May 20, 2021 Issue Date DPW FILE NO. 52-01-A-524																										
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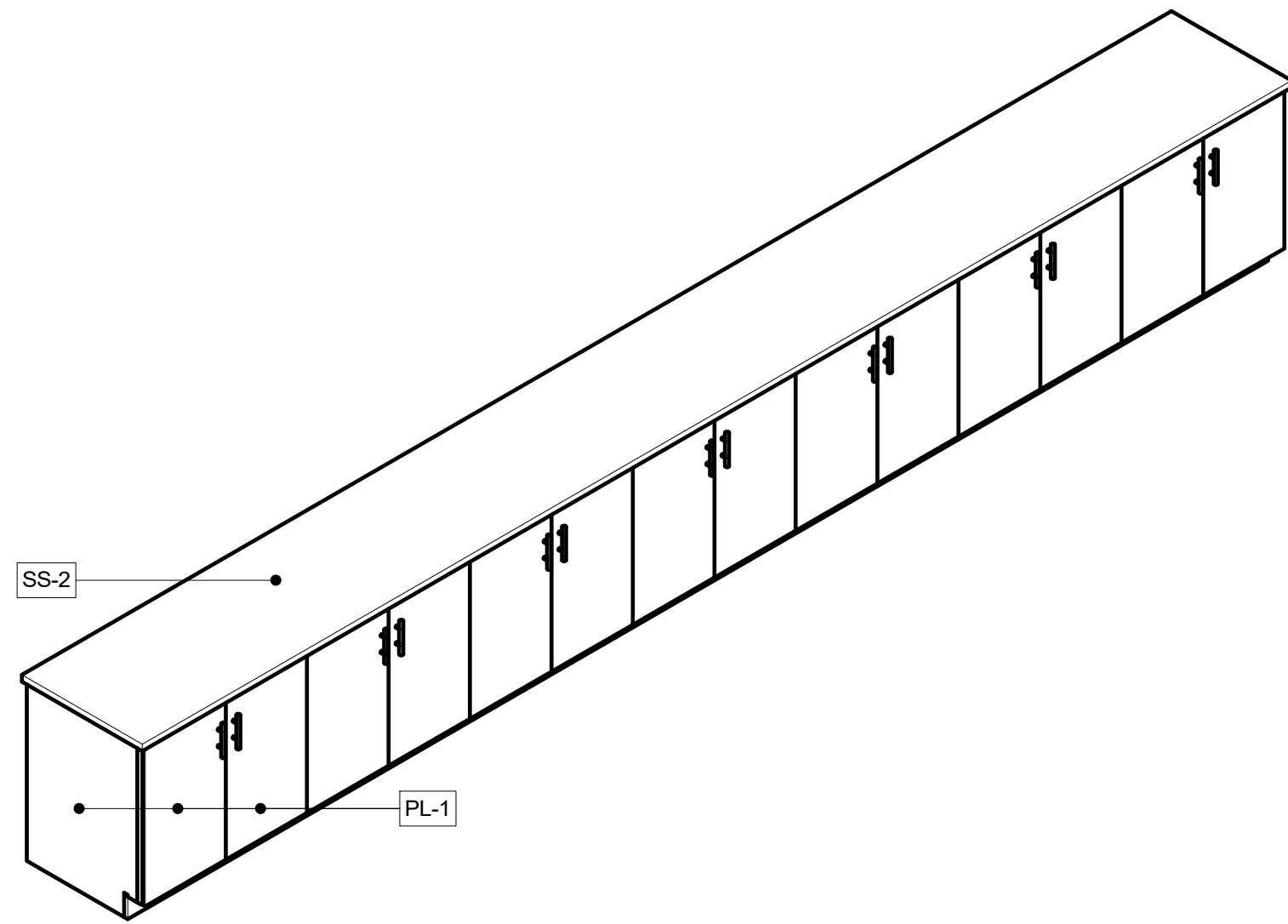
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Drawing Area				
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
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CONTRACTOR		CONTRACTOR		
NAME: _____		NAME: _____		
SIGNATURE: _____		SIGNATURE: _____		
TITLE: _____		DATE: _____		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING				CONTRACT NUMBER 19-514 SHEET NO. 81 OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK MILLWORK DETAILS				SCALE: _____ As indicated DATE: May 20, 2021 Issue Date DPW FILE NO. 52-01-A-525 REV NO. 0



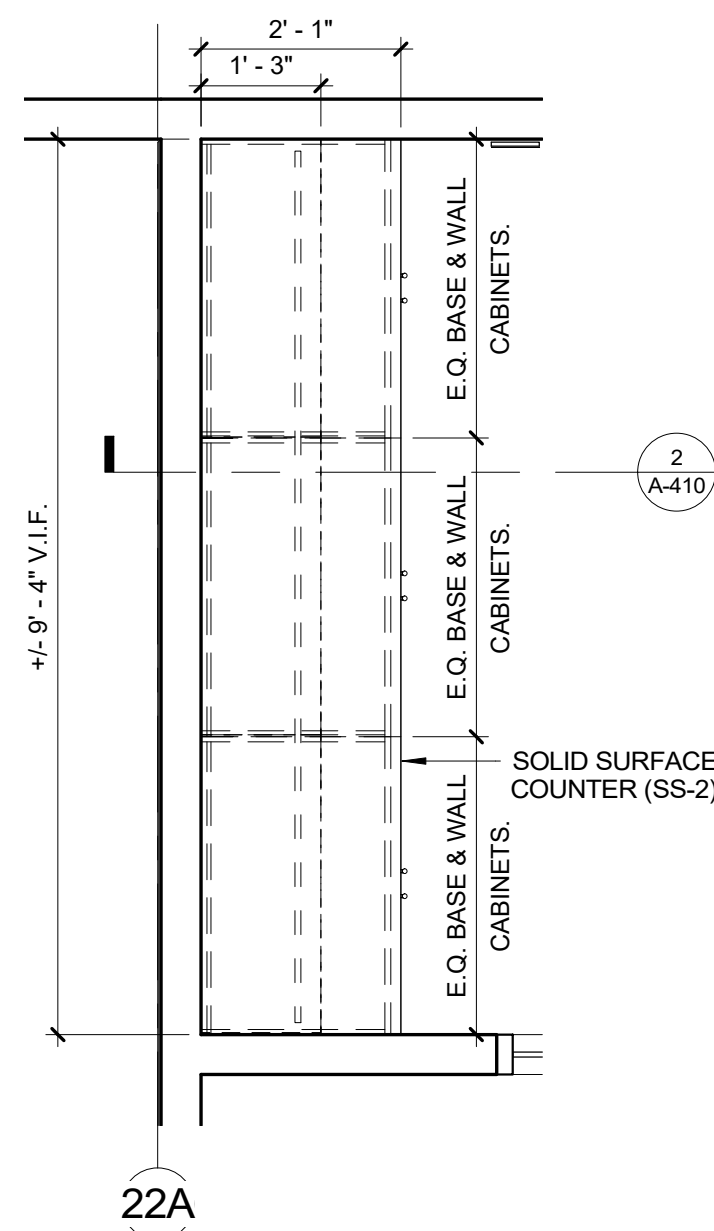
1 DLS - FURNITURE - BASE CABINET
1/2" = 1'-0"



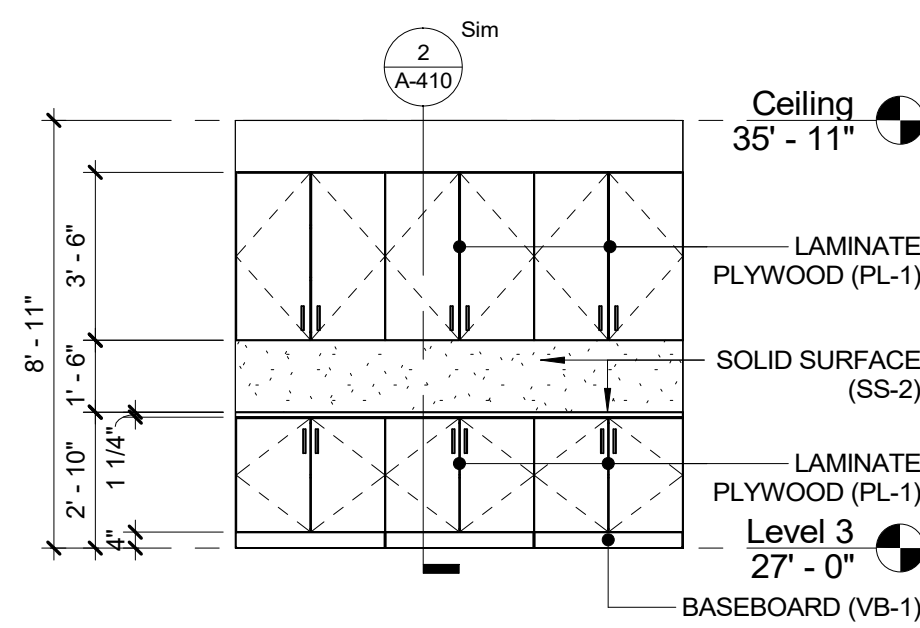
2 ELEVATION - DLS COUNTER C - FURNITURE
1/4" = 1'-0"



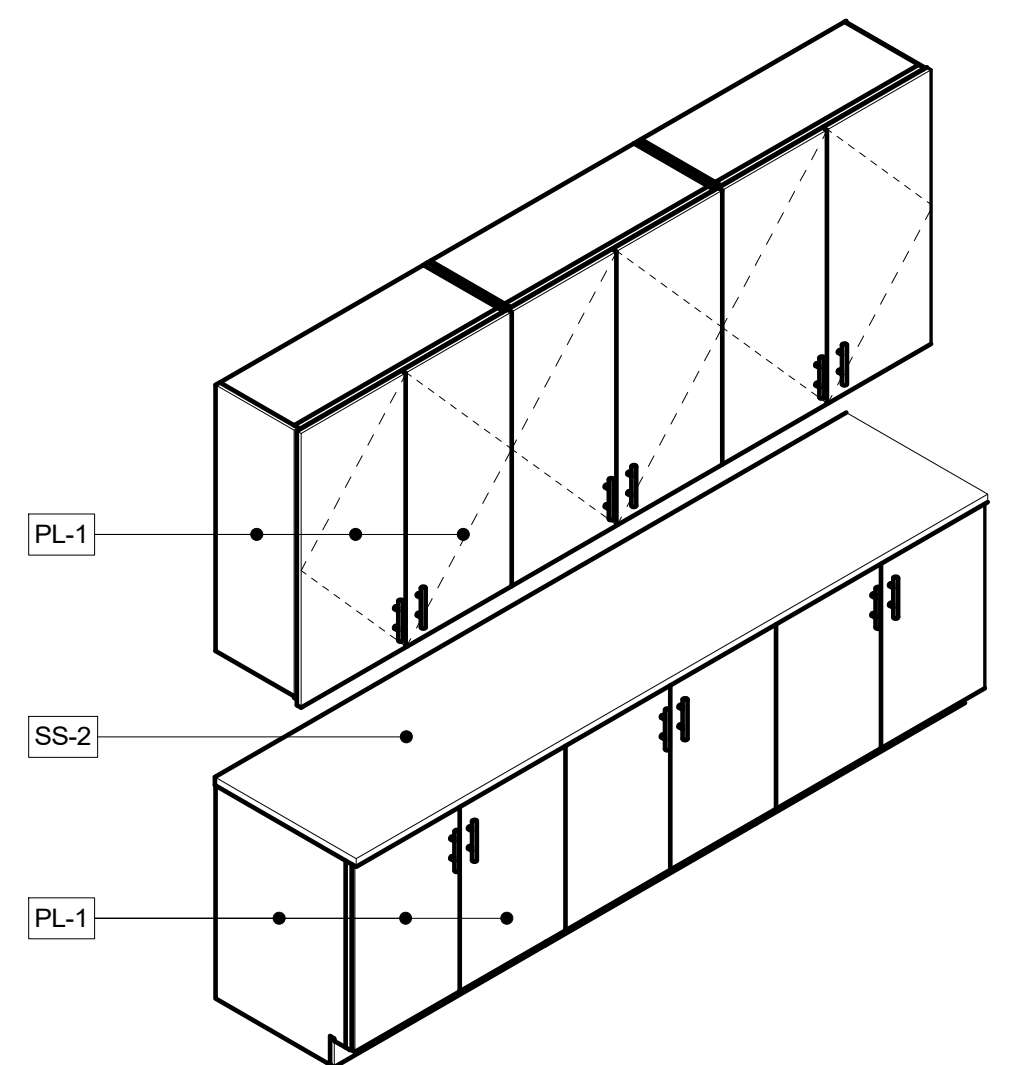
3 DLS AXON - FURNITURE DLS PRIV. PUBLIC AREA A



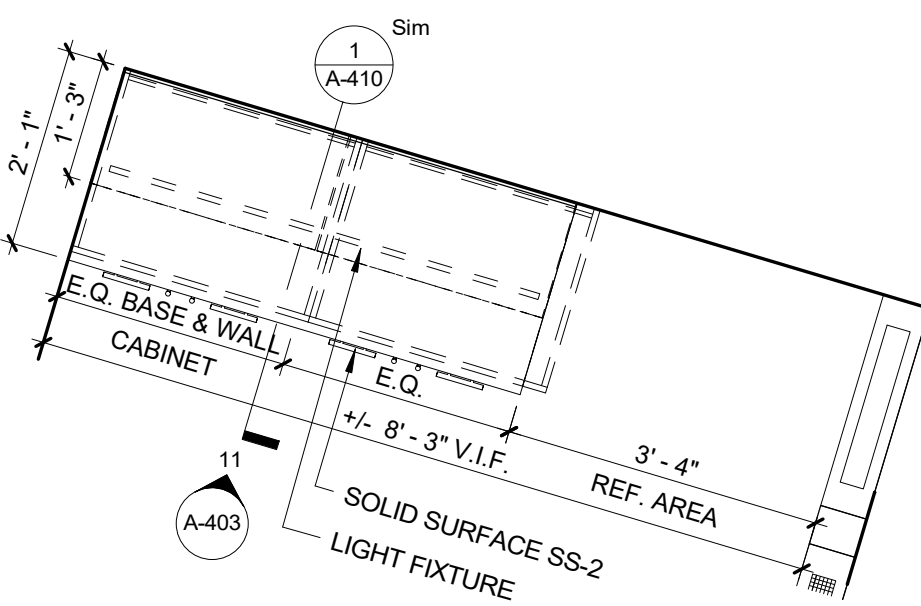
7 PLAN DETAIL - FURNITURE DLN
1/2" = 1'-0"



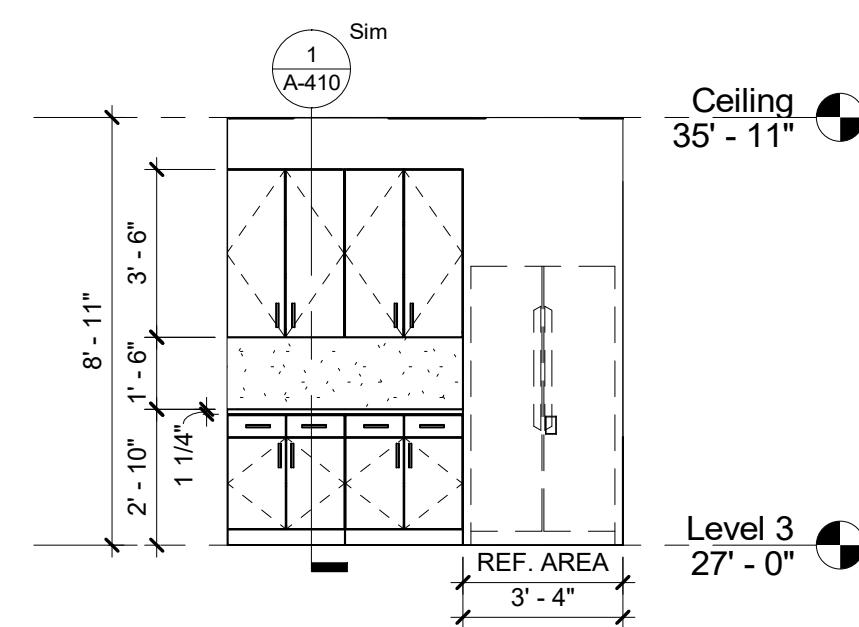
8 ELEVATION - DLN FURNITURE
1/4" = 1'-0"



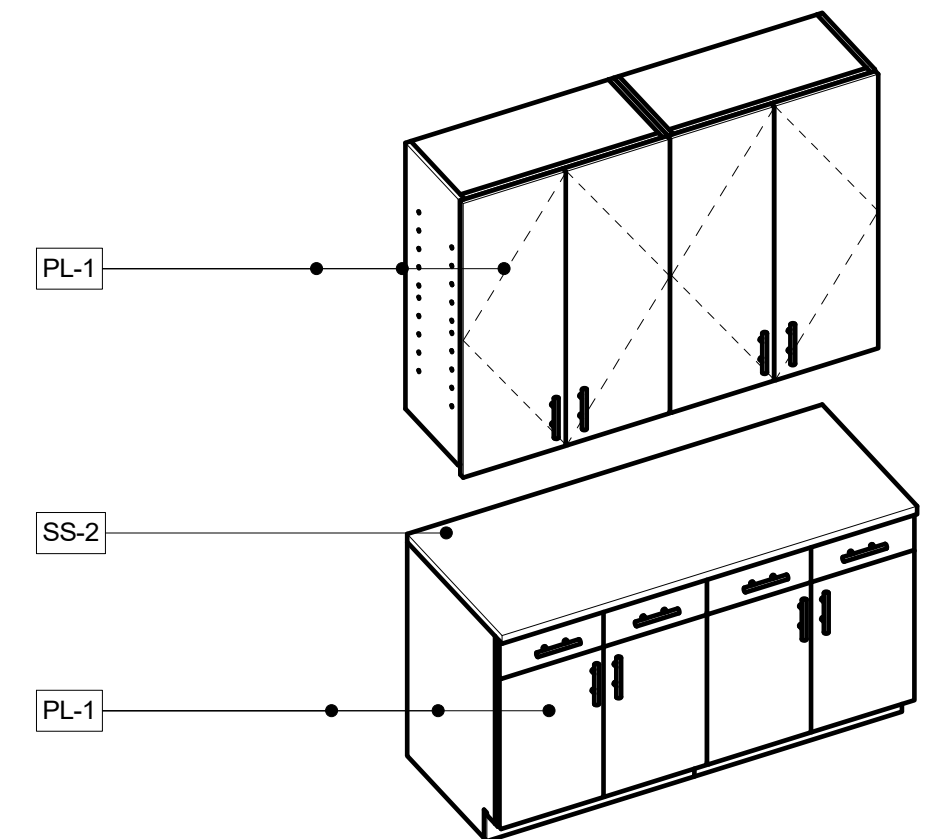
9 DLN AXON - FURNITURE DLN



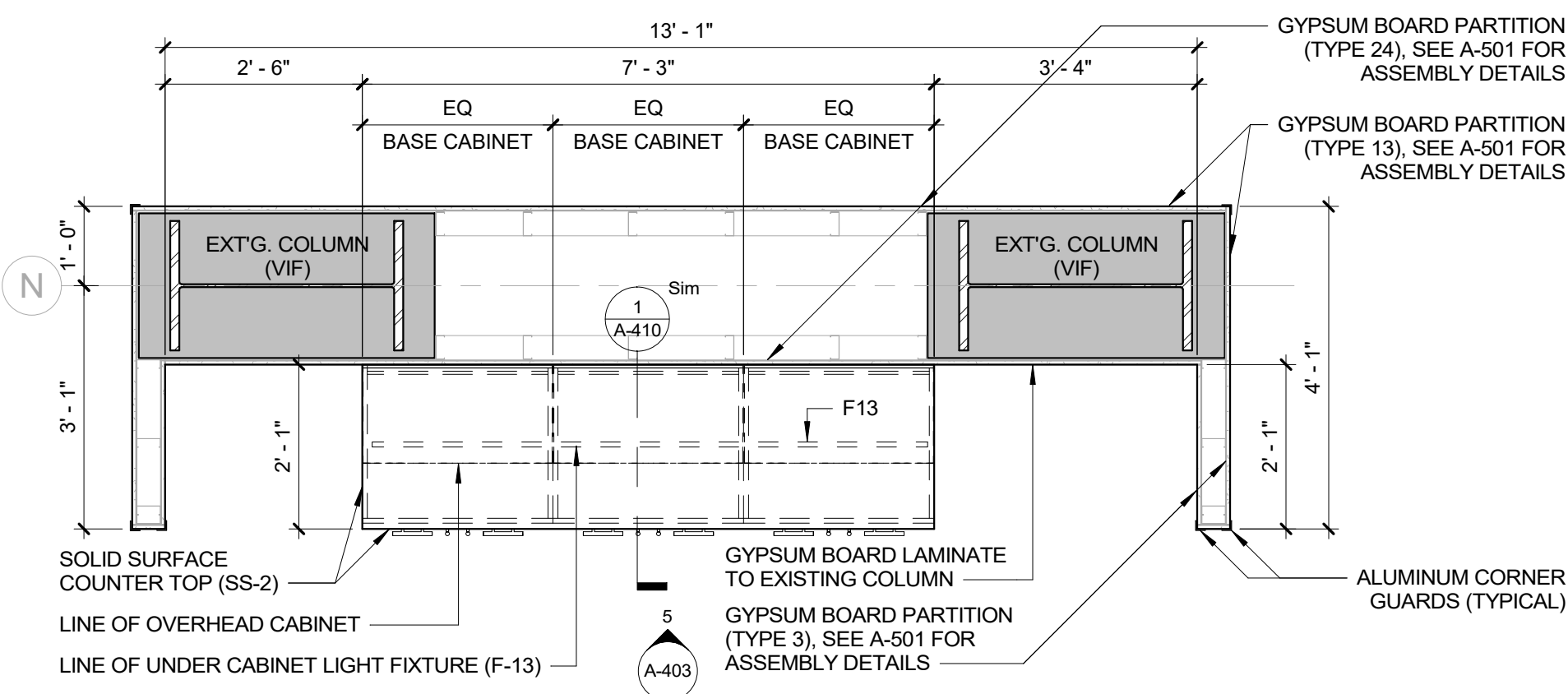
10 PLAN DETAIL - FURNITURE DLN PANTRY
1/2" = 1'-0"



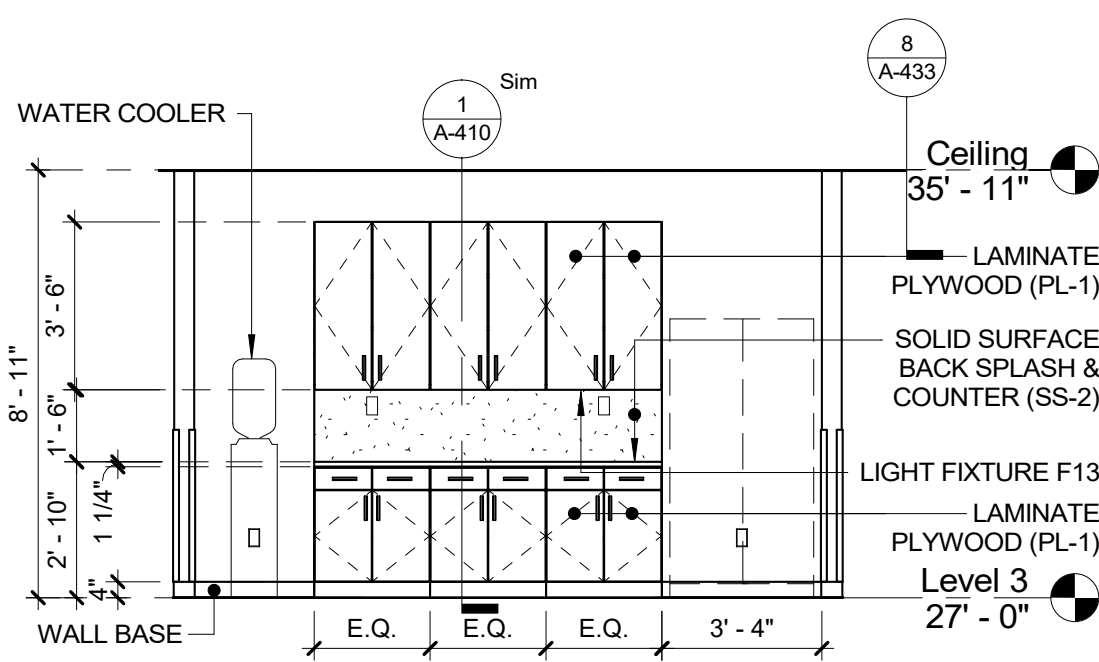
11 ELEVATION - DLN PANTRY - FURNITURE
1/4" = 1'-0"



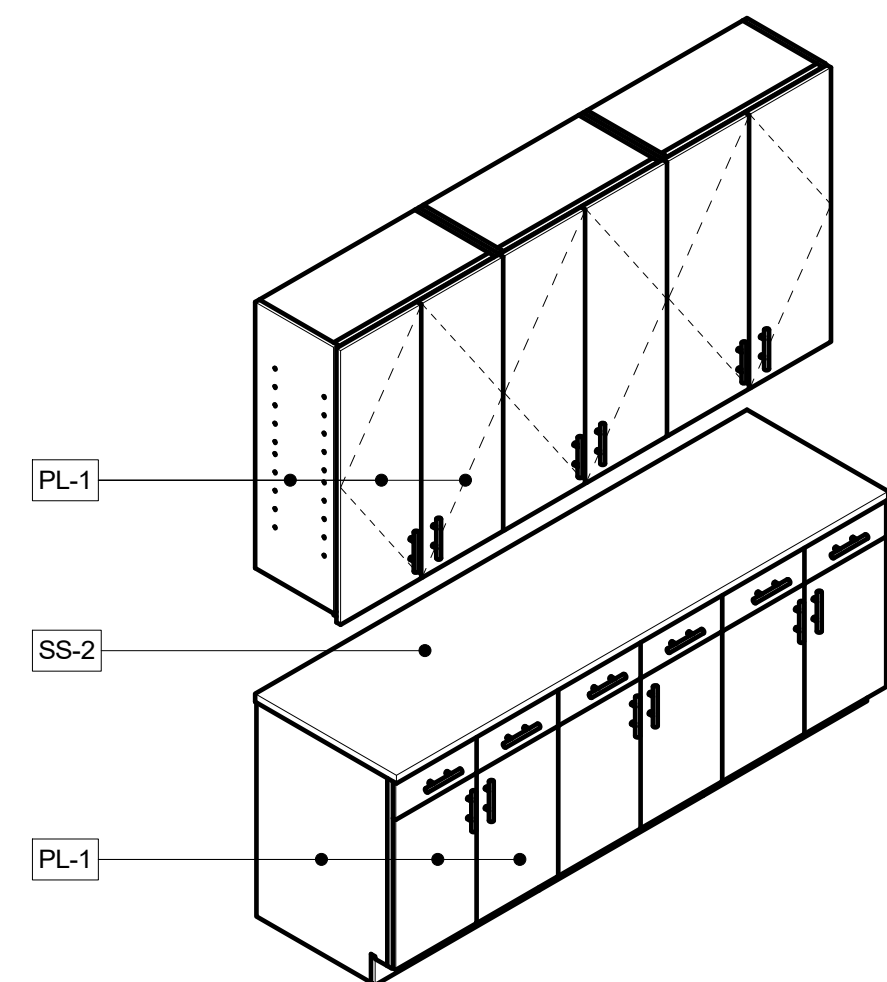
12 DLN AXON - PANTRY - FURNITURE



4 PLAN DETAIL - FURNITURE DLS PANTRY
1/2" = 1'-0"

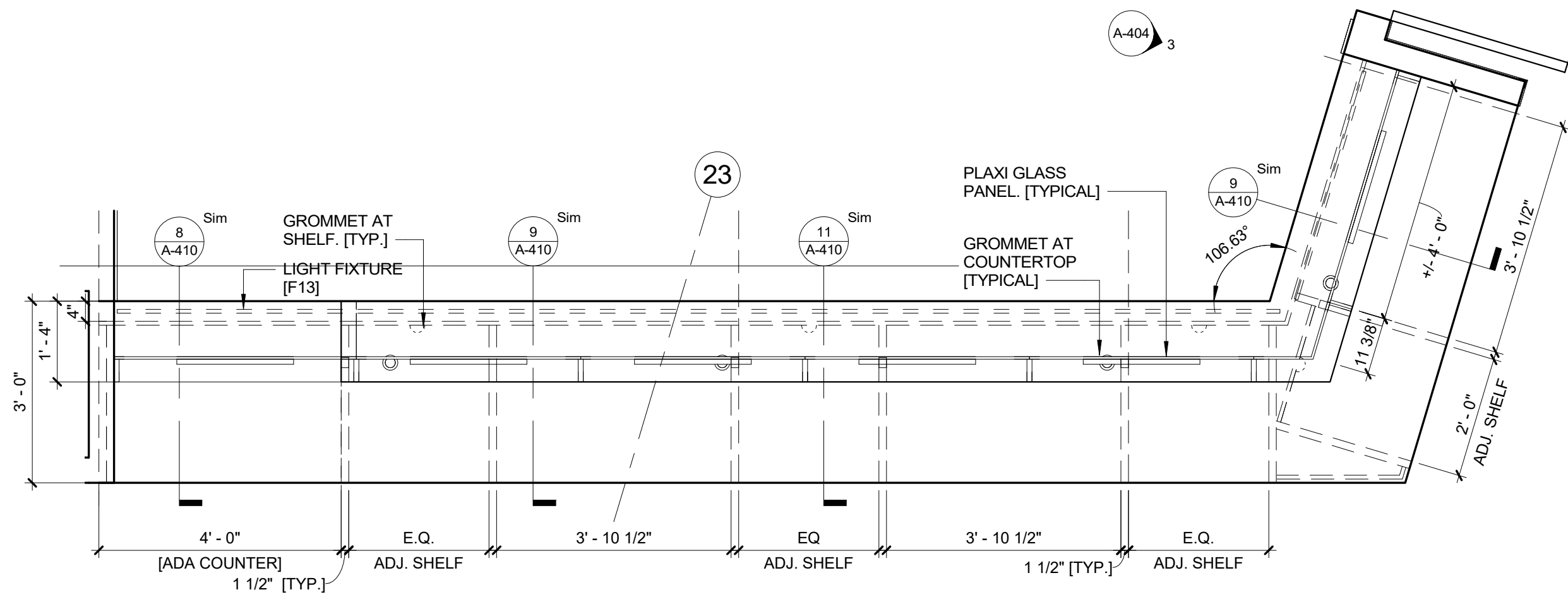


5 ELEVATION - DLS PANTRY - FURNITURE
1/4" = 1'-0"

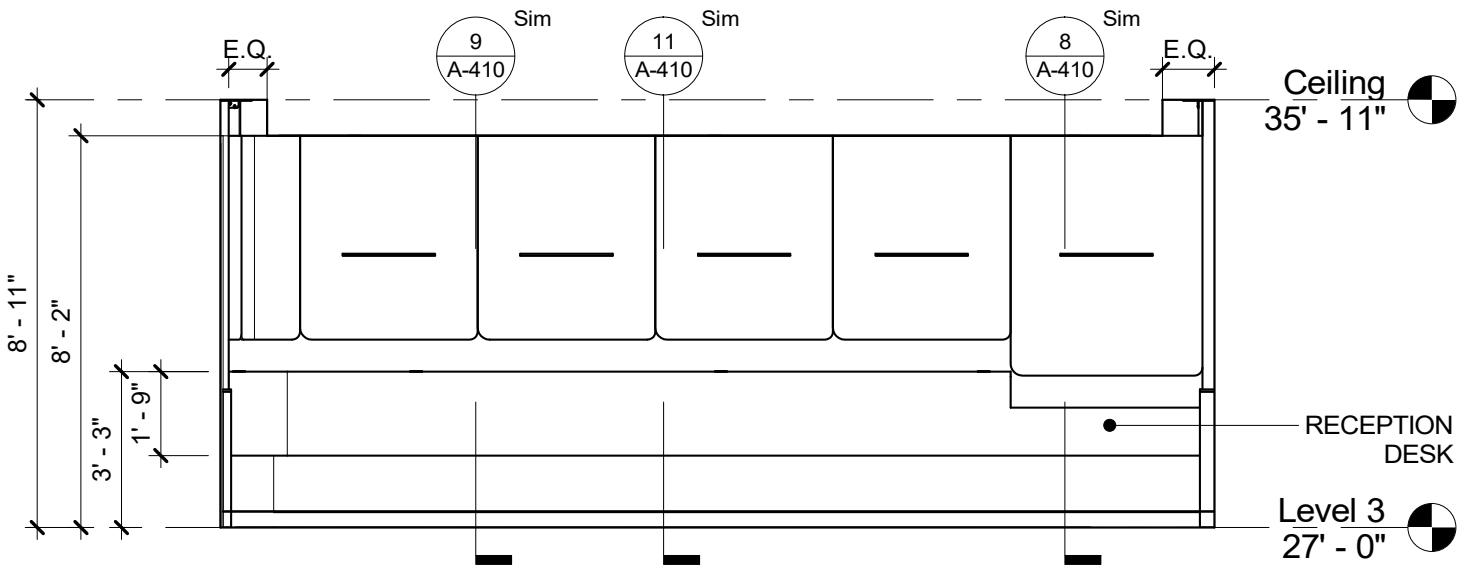


6 DLS AXON - FURNITURE DLS PANTRY

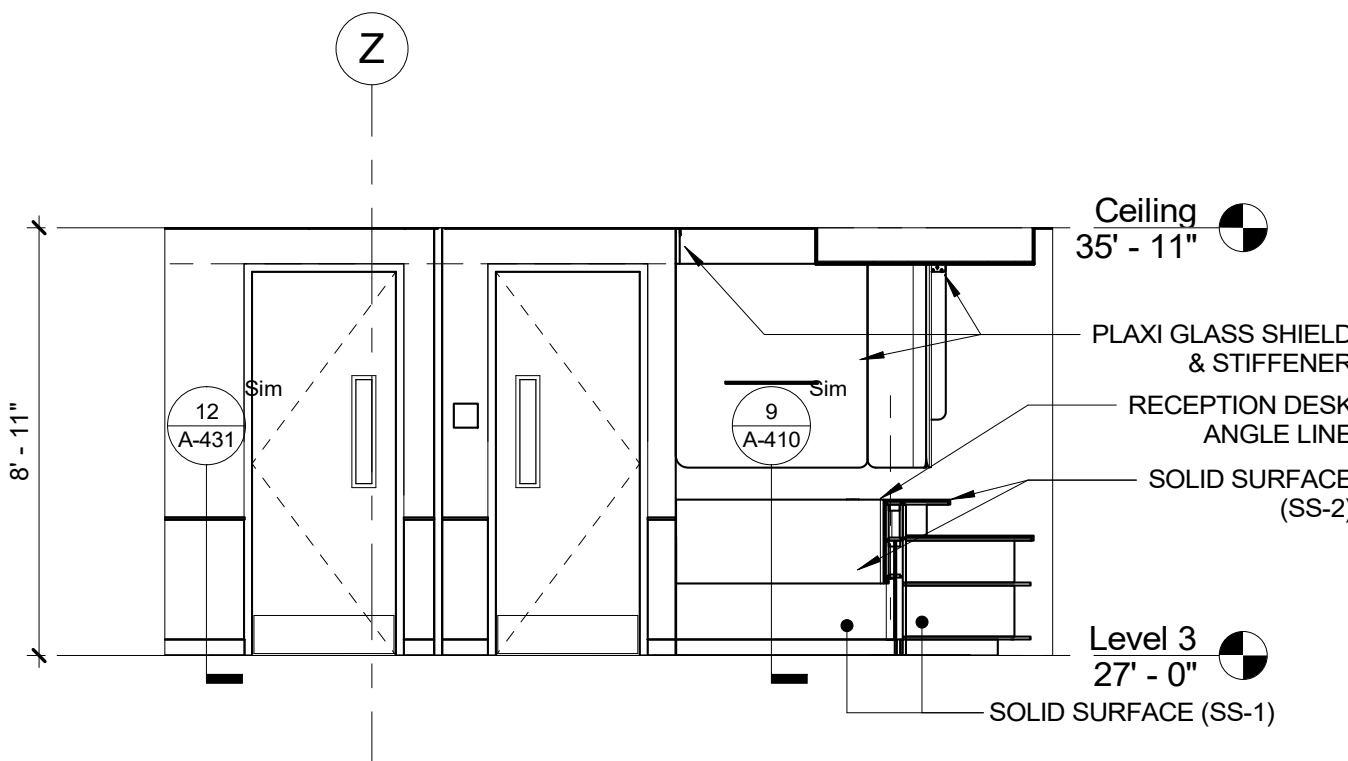
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		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER		DATE	MADE BY APP'D BY REVISION
RECORD DRAWING CERTIFICATION			
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CONTRACTOR		CONTRACTOR	
NAME: _____		NAME: _____	
SIGNATURE: _____		SIGNATURE: _____	
TITLE: _____		TITLE: _____	
DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER A-403
DIVISION OF ENGINEERING		SHEET NO. 82	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: _____	As indicated
FURNITURE DETAILS		DATE: May 20, 2021	Issue Date
		DPW FILE NO.	REV NO. 0
		52-01-A-526	



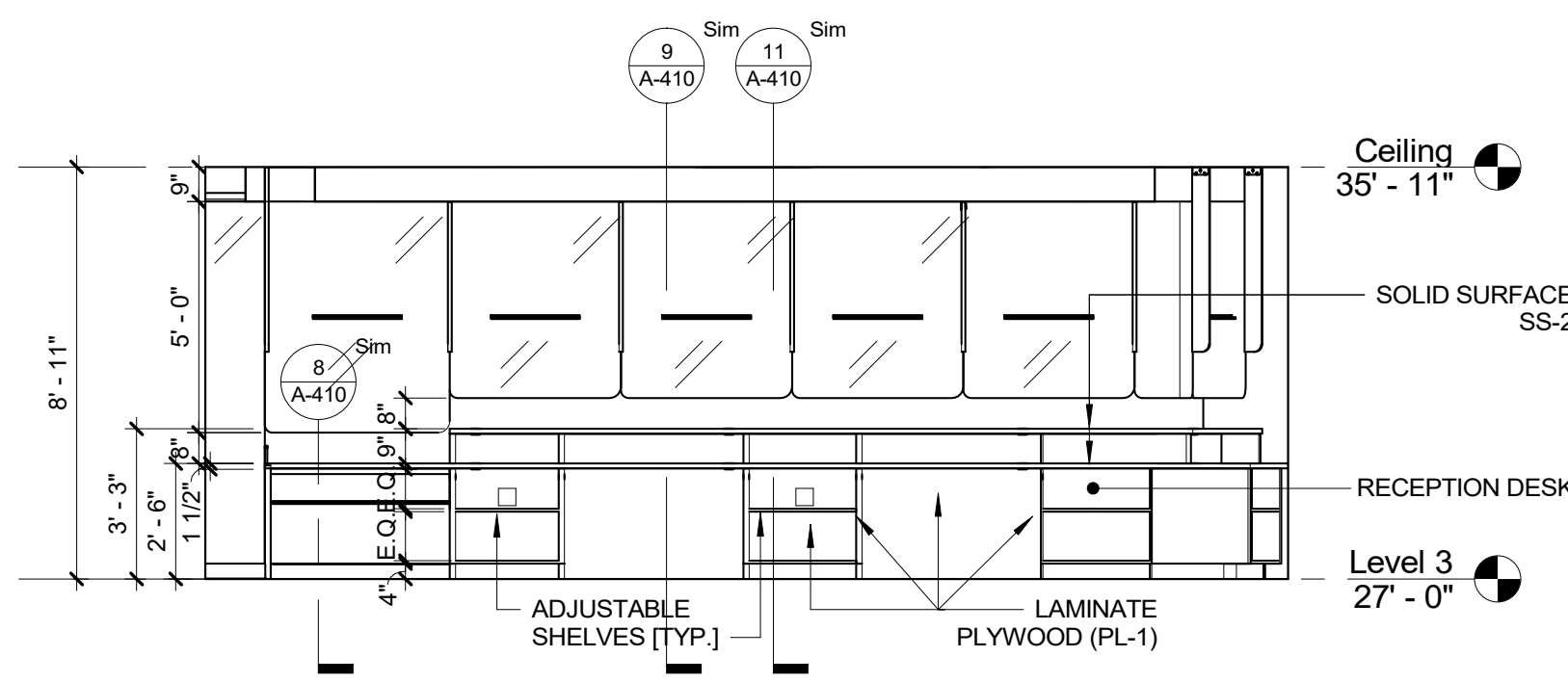
1 PLAN DETAIL - MILLWORK DLN FRONT COUNTER
1/2" = 1'-0"



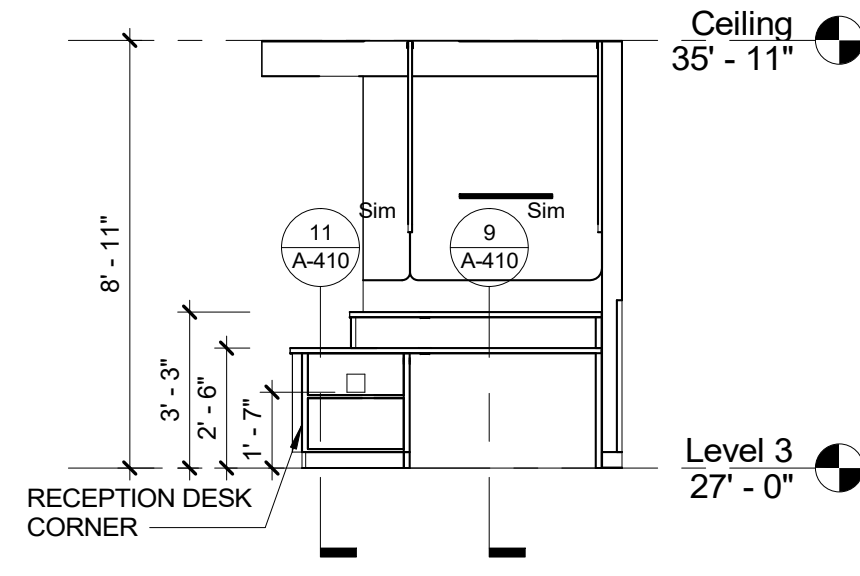
2 ELEVATION - DLN WAITING B
1/4" = 1'-0"
MILLWORK



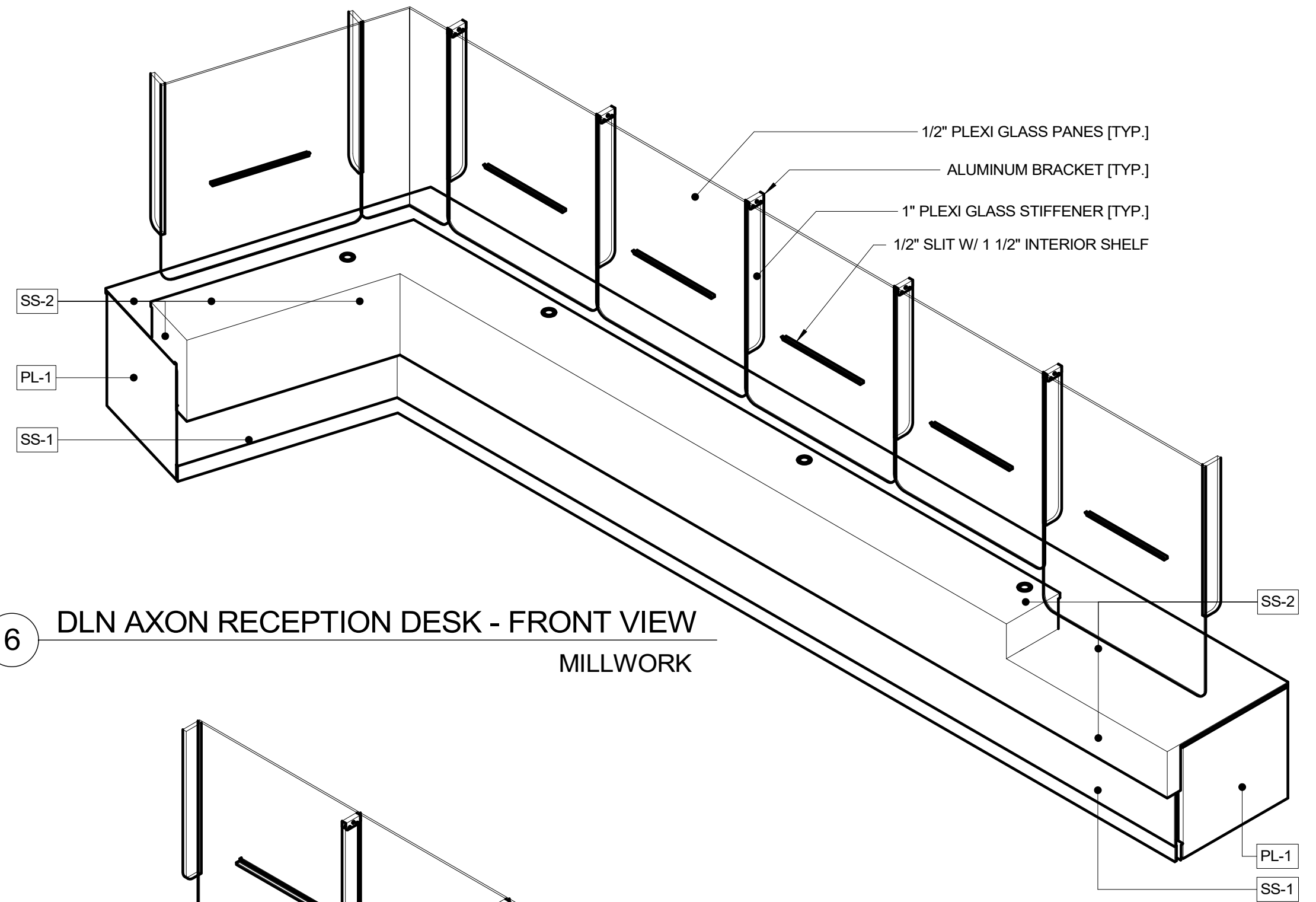
3 ELEVATION - DLN WAITING A-
1/4" = 1'-0"
MILLWORK



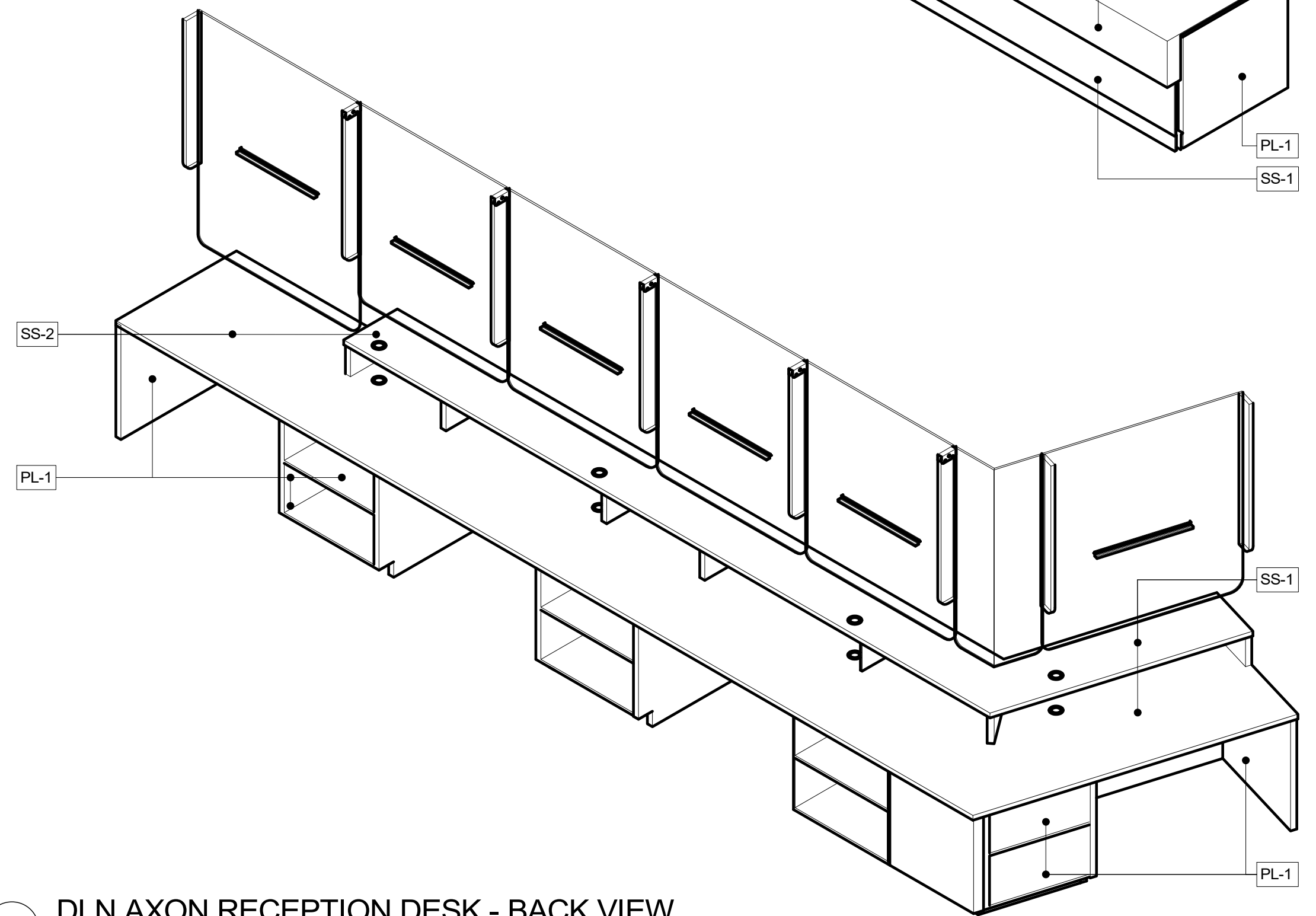
4 ELEVATION - DLN WORK STATIONS E
1/4" = 1'-0"
MILLWORK



5 ELEVATION - DLN WORK STATIONS F
1/4" = 1'-0"
MILLWORK

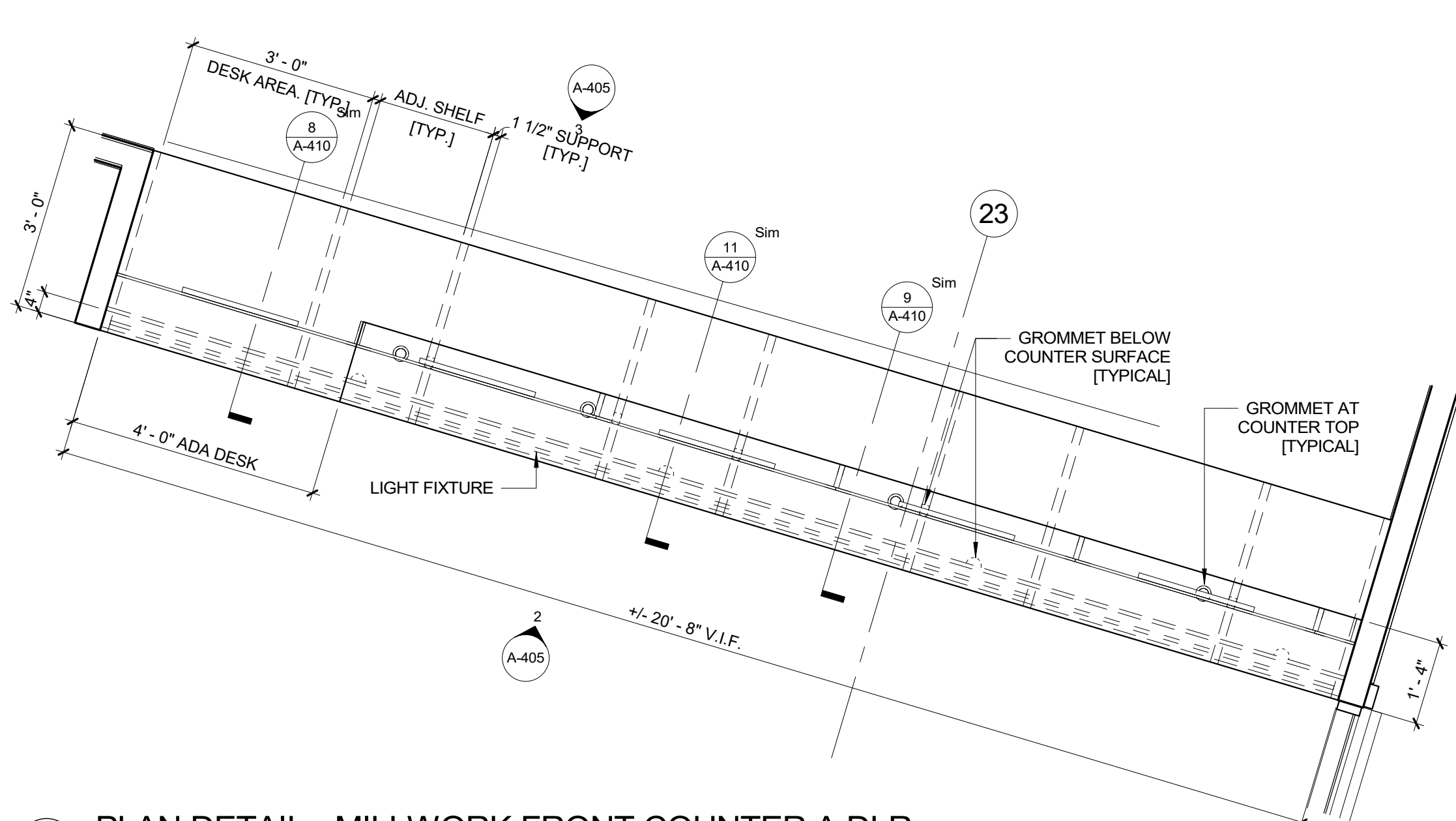


6 DLN AXON RECEPTION DESK - FRONT VIEW
MILLWORK

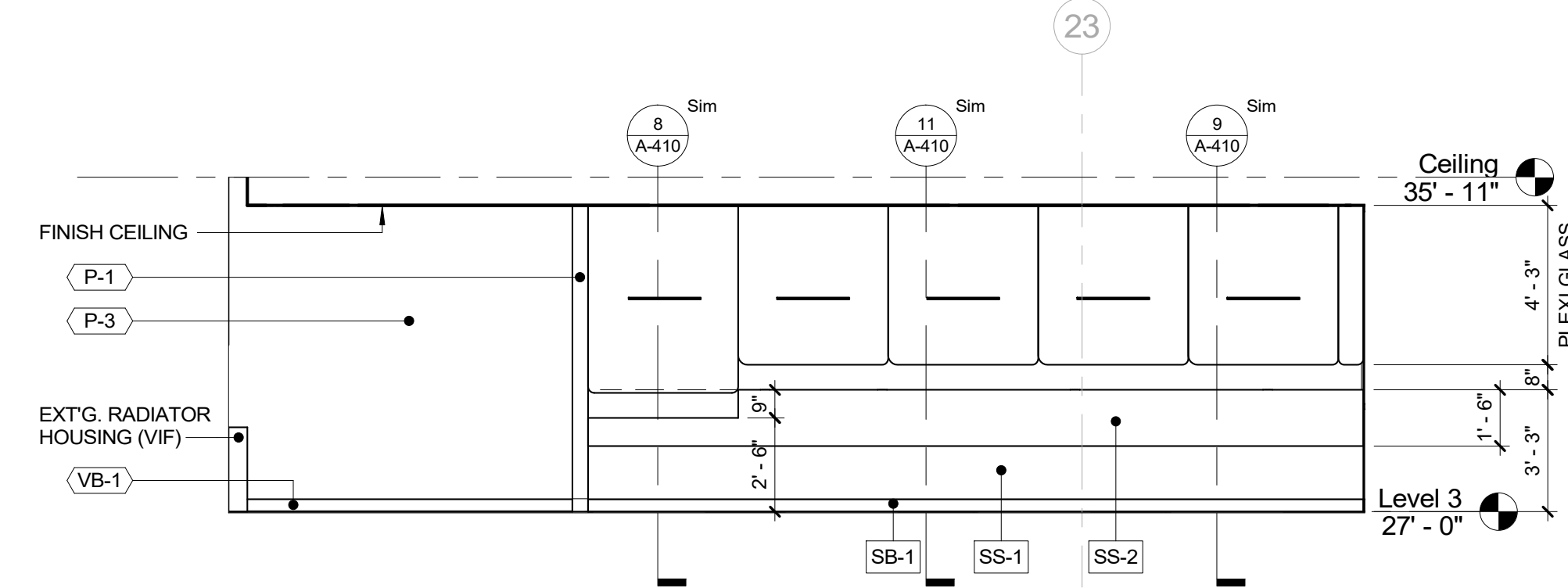


7 DLN AXON RECEPTION DESK - BACK VIEW
MILLWORK

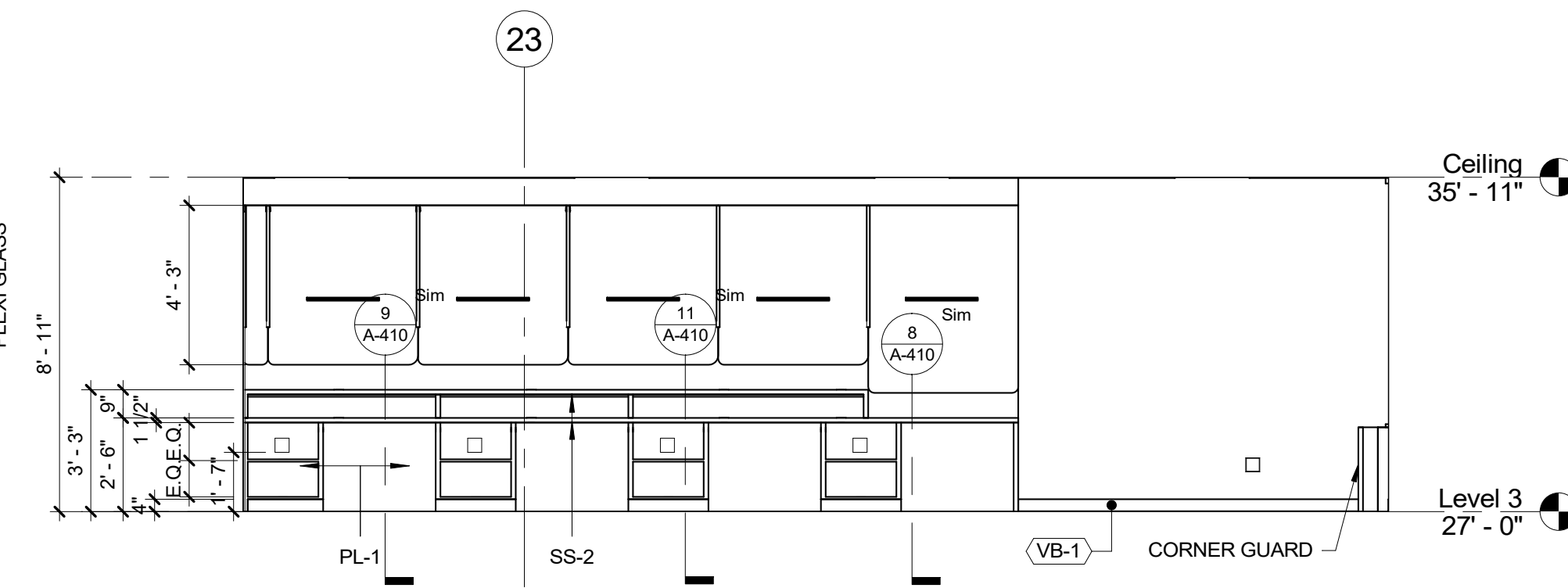
		CONSULTANT INFORMATION	
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		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
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REVISION			
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	A-404
DIVISION OF ENGINEERING		SHEET NO. 83	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE:	As indicated
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021	Issue Date
WHITE PLAINS, NEW YORK		DPW FILE NO.	REV NO.
MILLWORK DETAILS		52-01-A-527	0



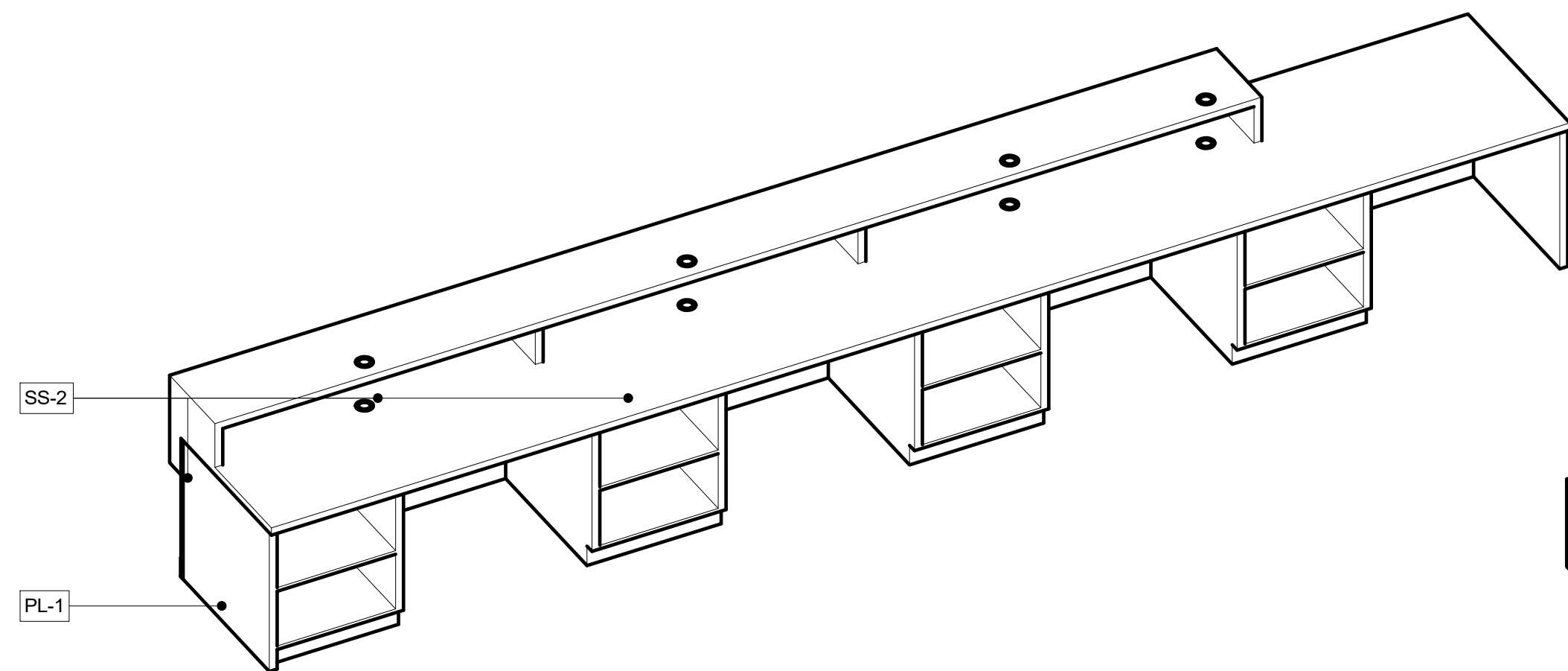
1 PLAN DETAIL - MILLWORK FRONT COUNTER A DLR
1/2" = 1'-0"



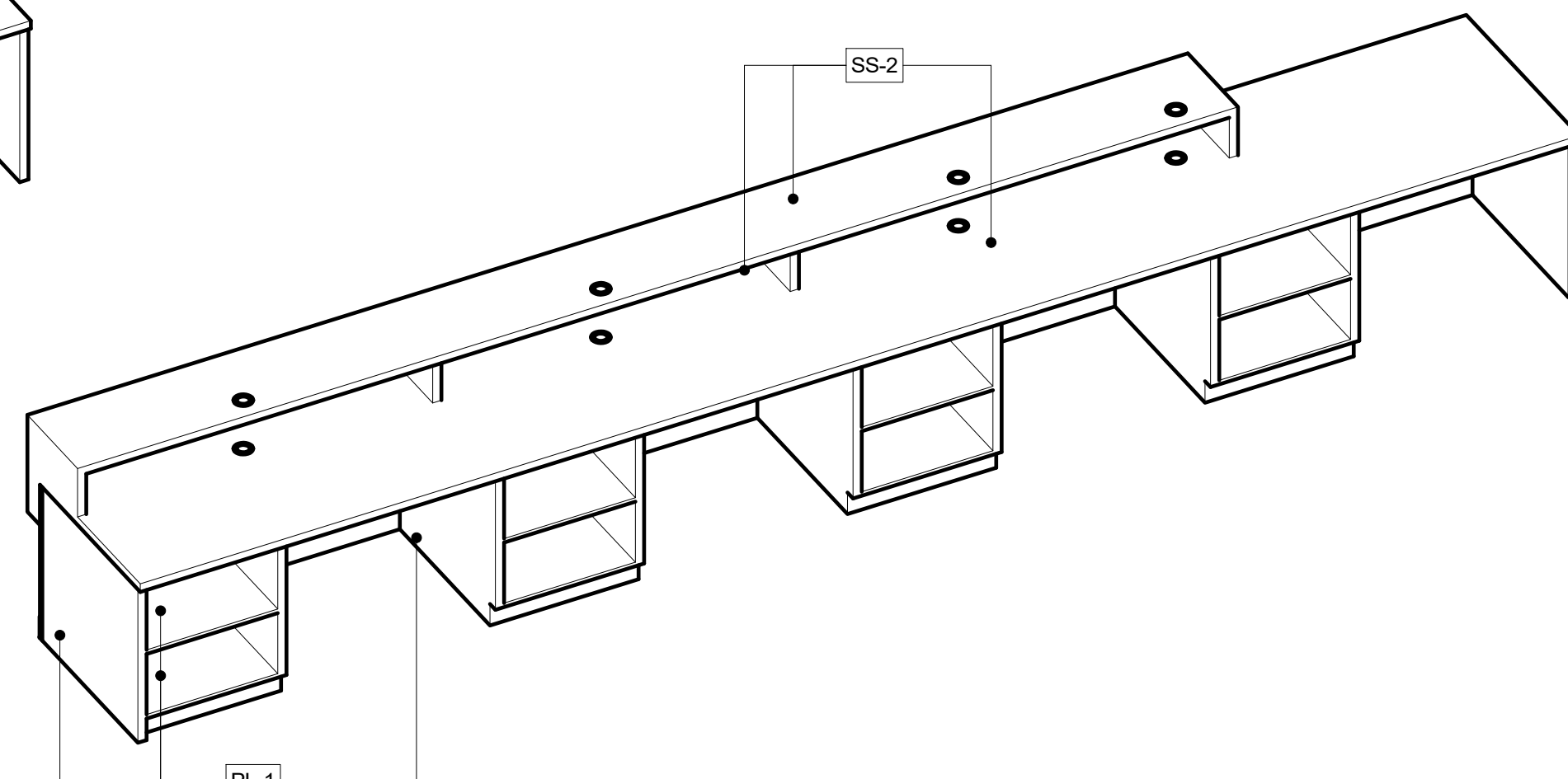
2 ELEVATION - DLR FRONT RECEPTION DESK A
1/4" = 1'-0"



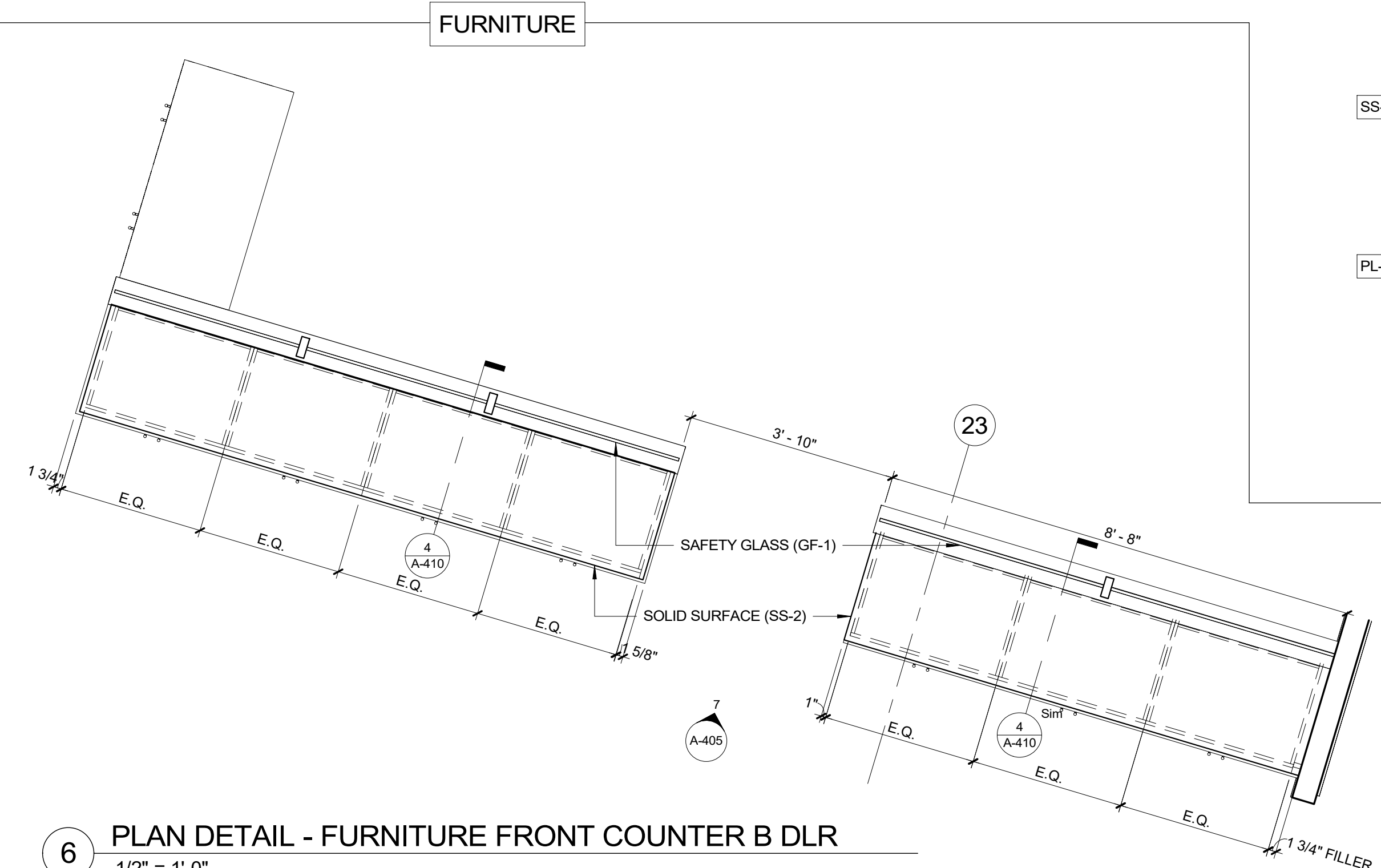
3 ELEVATION - DLR COUNTER B
1/4" = 1'-0"



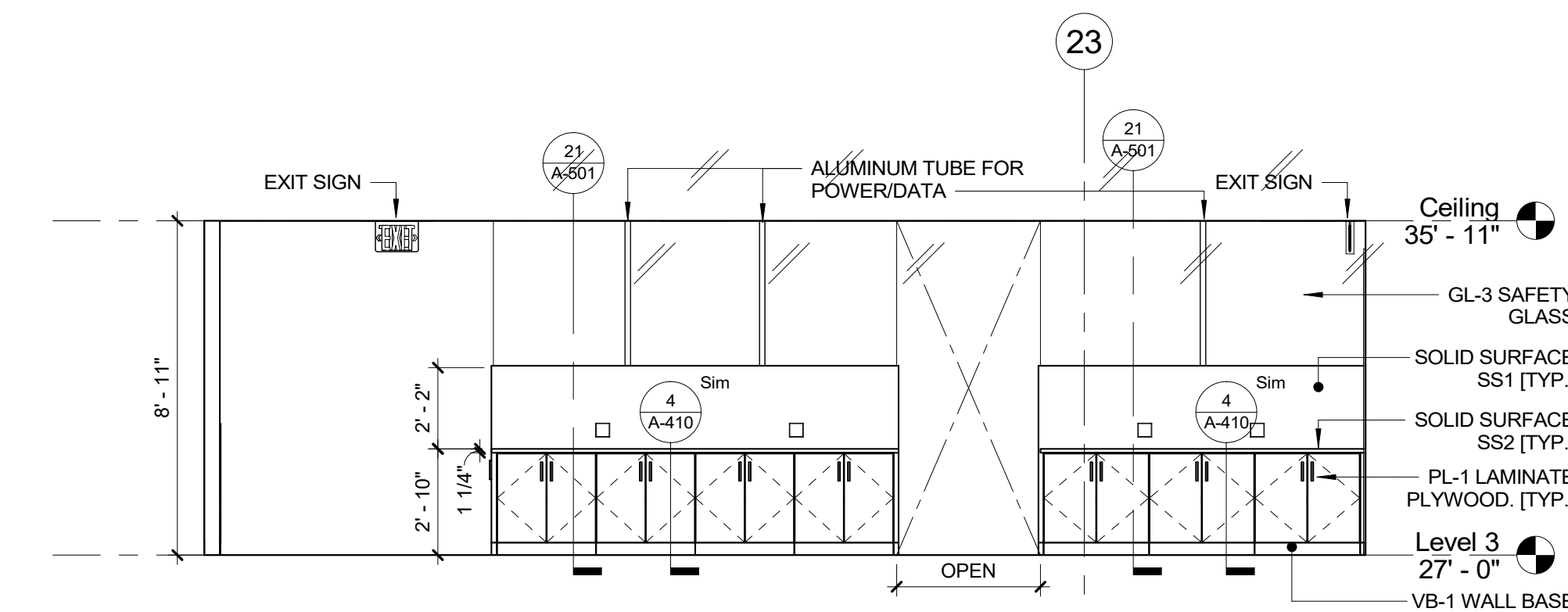
4 DLR AXON - MILLWORK FRONT COUNTER A DLR



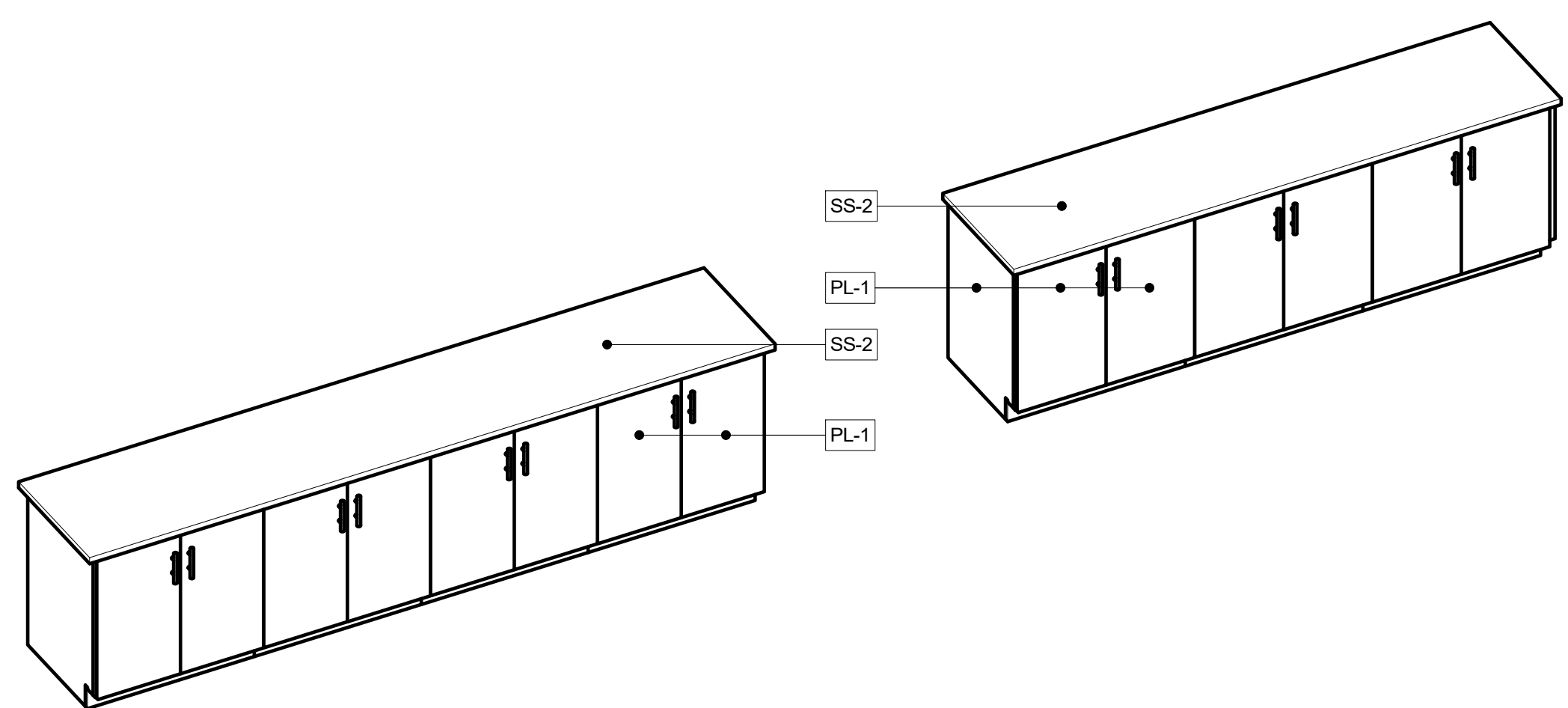
5 DLR AXON - MILLWORK BACK COUNTER A DLR



6 PLAN DETAIL - FURNITURE FRONT COUNTER B DLR
1/2" = 1'-0"

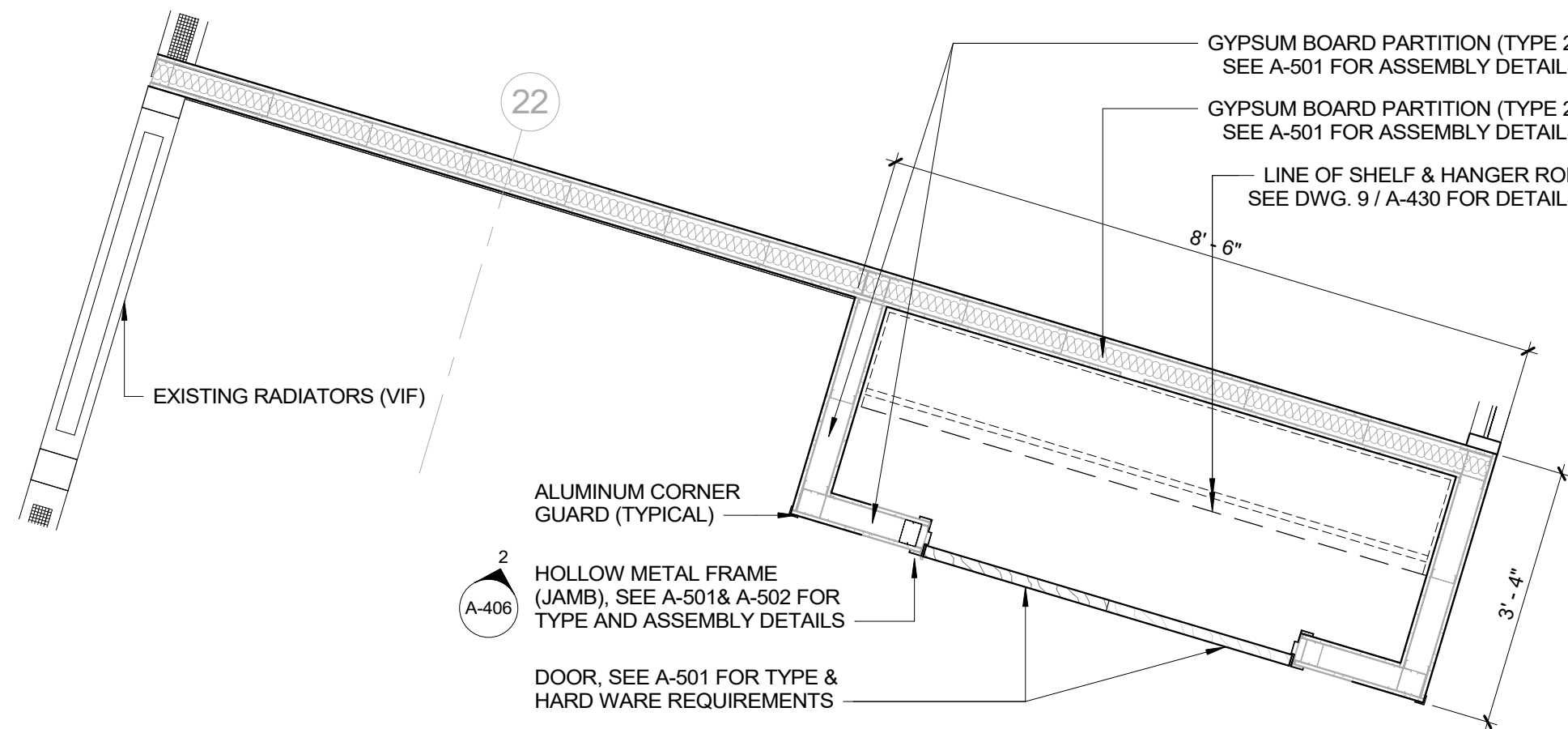


7 ELEVATION - DLR COUNTER A - FURNITURE
1/4" = 1'-0"

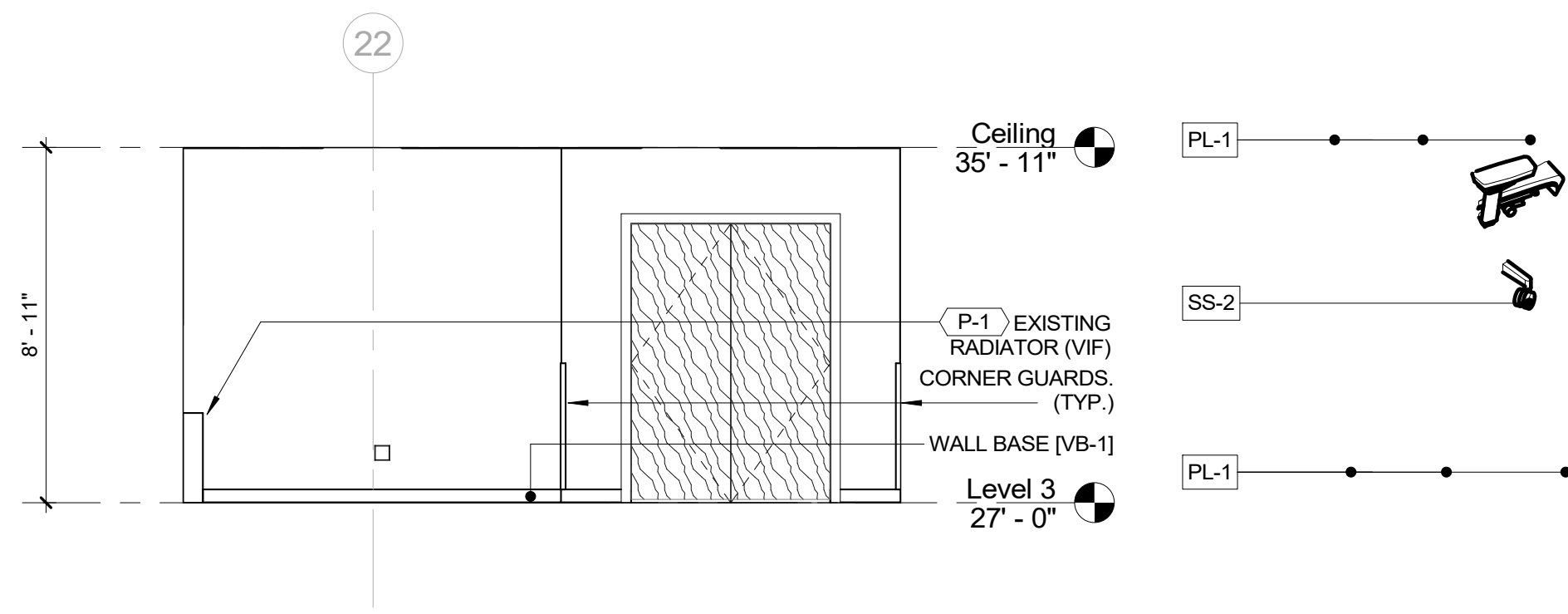


8 DLR AXON - FURNITURE FRONT COUNTER B DLR

CONSULTANT SEAL		CONSULTANT INFORMATION	
		Graf & Lewent 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			
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CONTRACTOR		CONTRACTOR	
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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 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		CONTRACT NUMBER 19-514 SHEET NO. 84 OF 106	SHEET NUMBER A-405
MILLWORK & FURNITURE DETAILS		SCALE: DATE: May 20, 2021 DPW FILE NO. 52-01-A-528	As indicated Issue Date REV NO 0

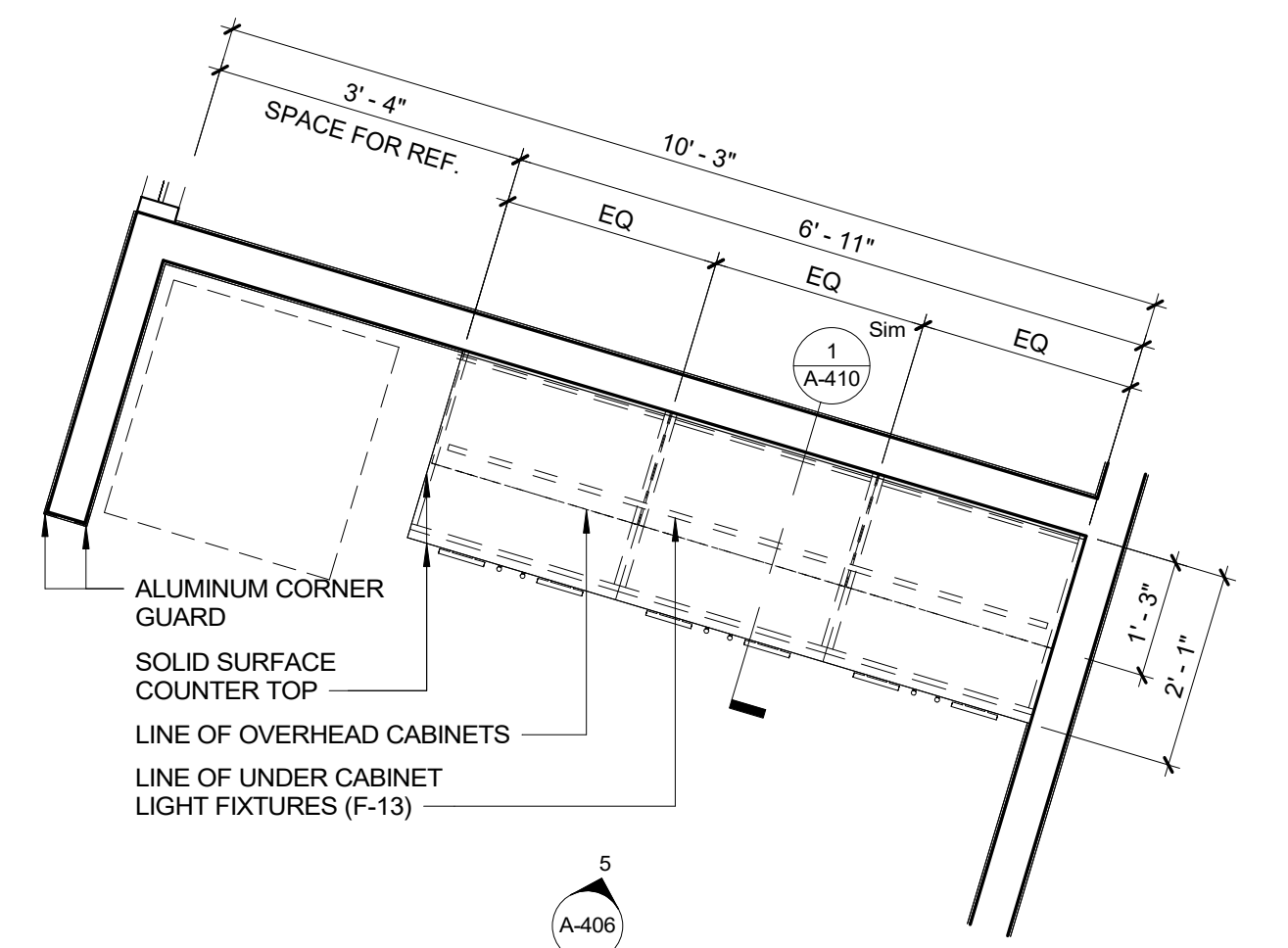


1 PLAN DETAIL - FURNITURE REAR COUNTER DLR - A
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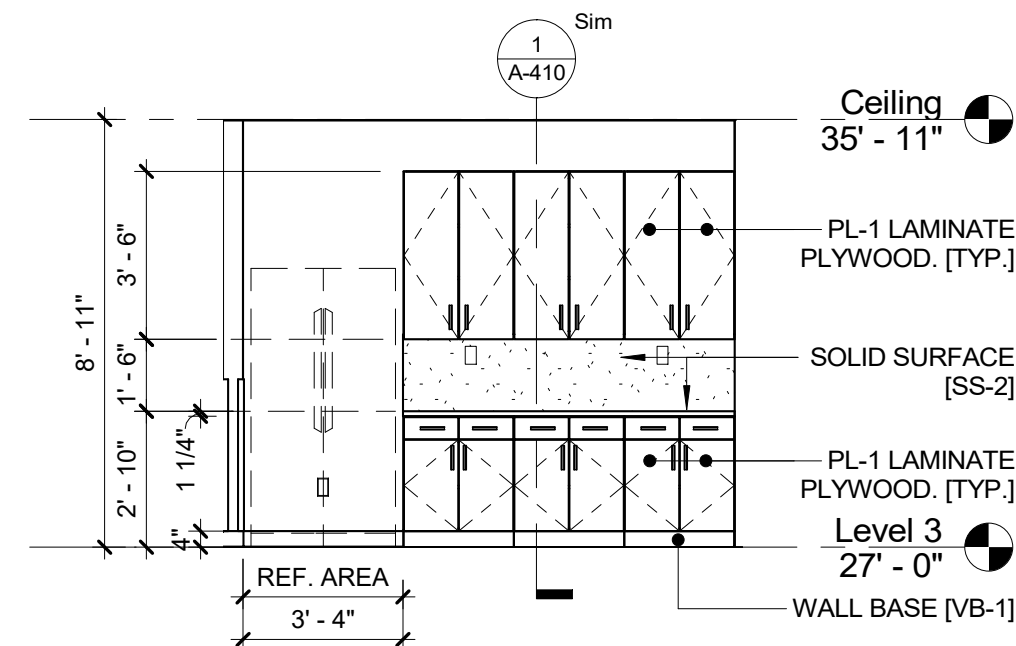


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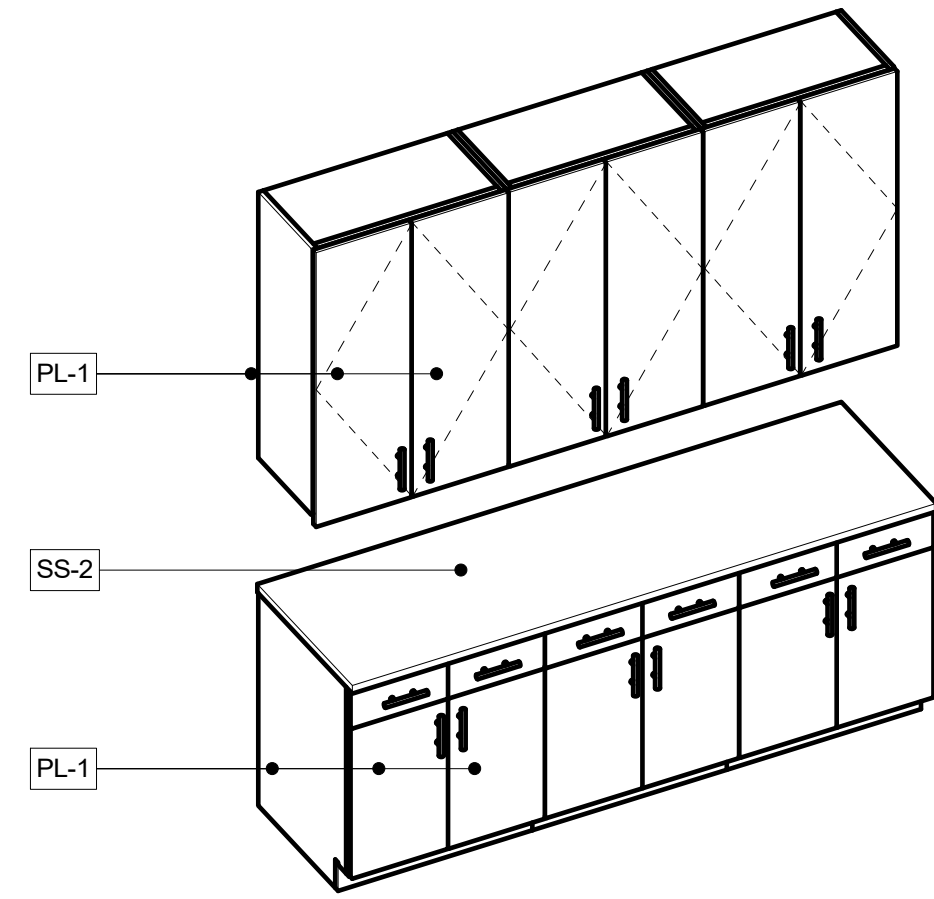
3 DLR AXON - FURNITURE PANTRY - DLR - A



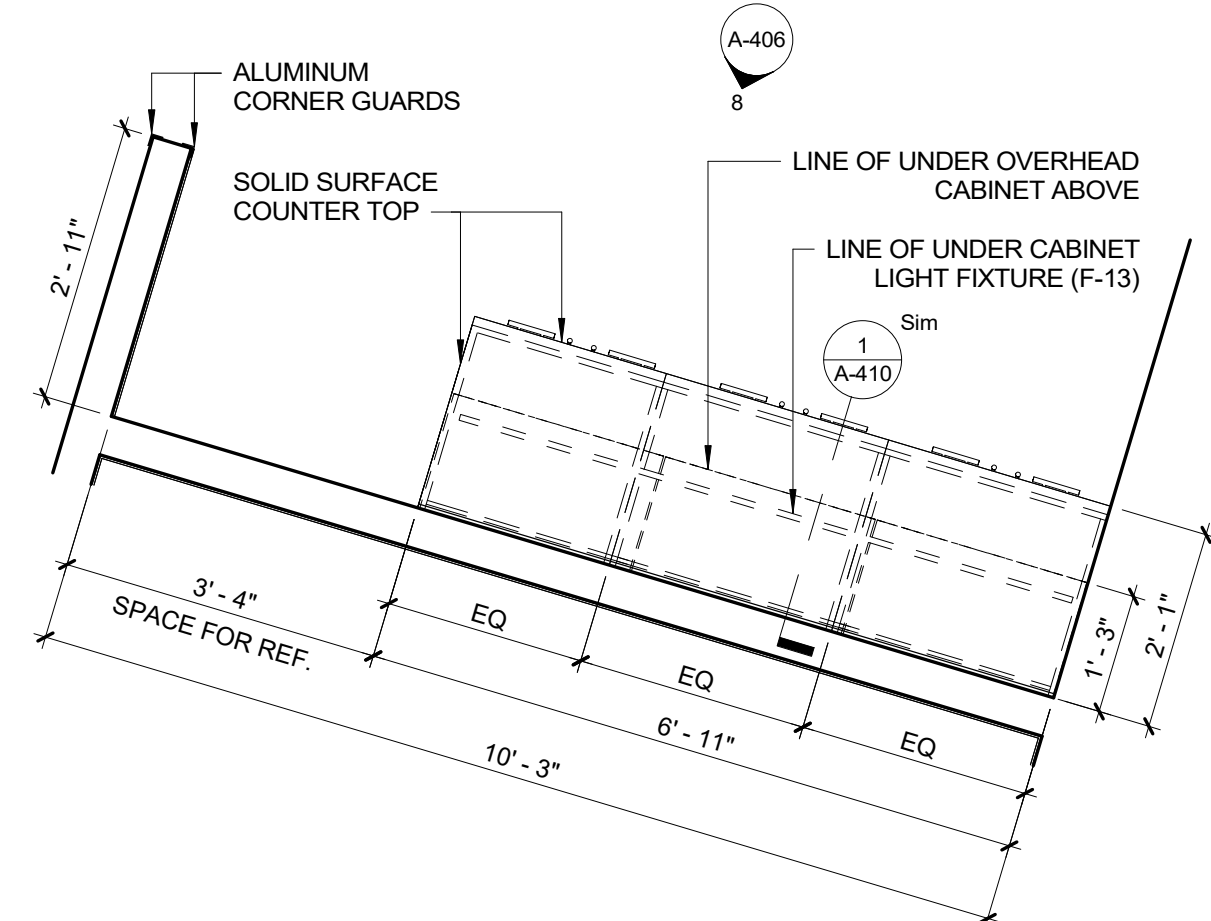
4 PLAN DETAIL - FURNITURE PANTRY DLR
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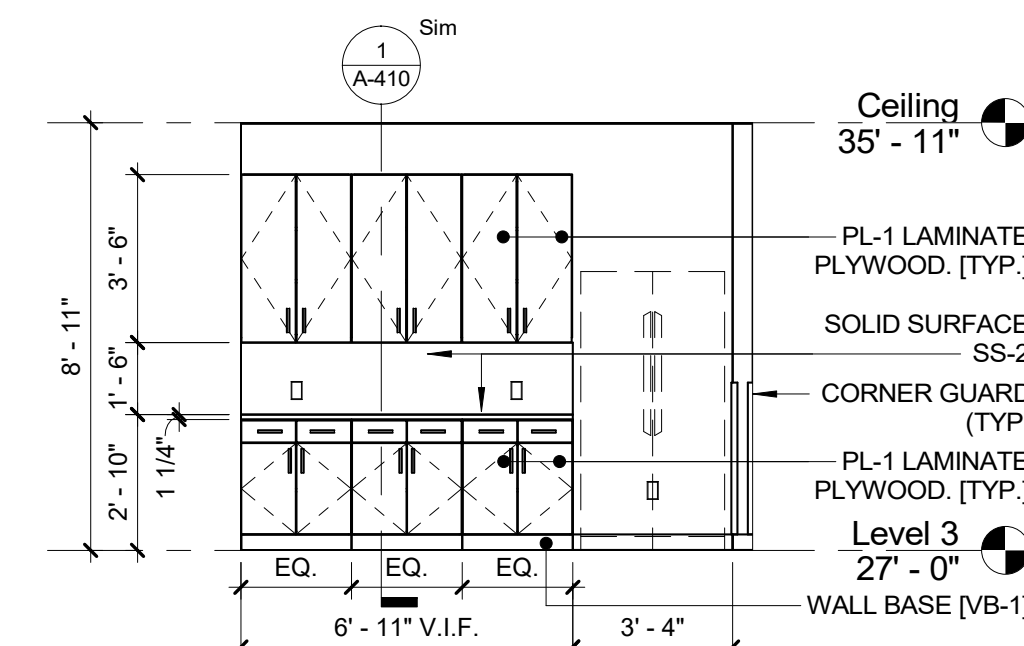
5 ELEVATION - DLR FURNITURE PANTRY - B
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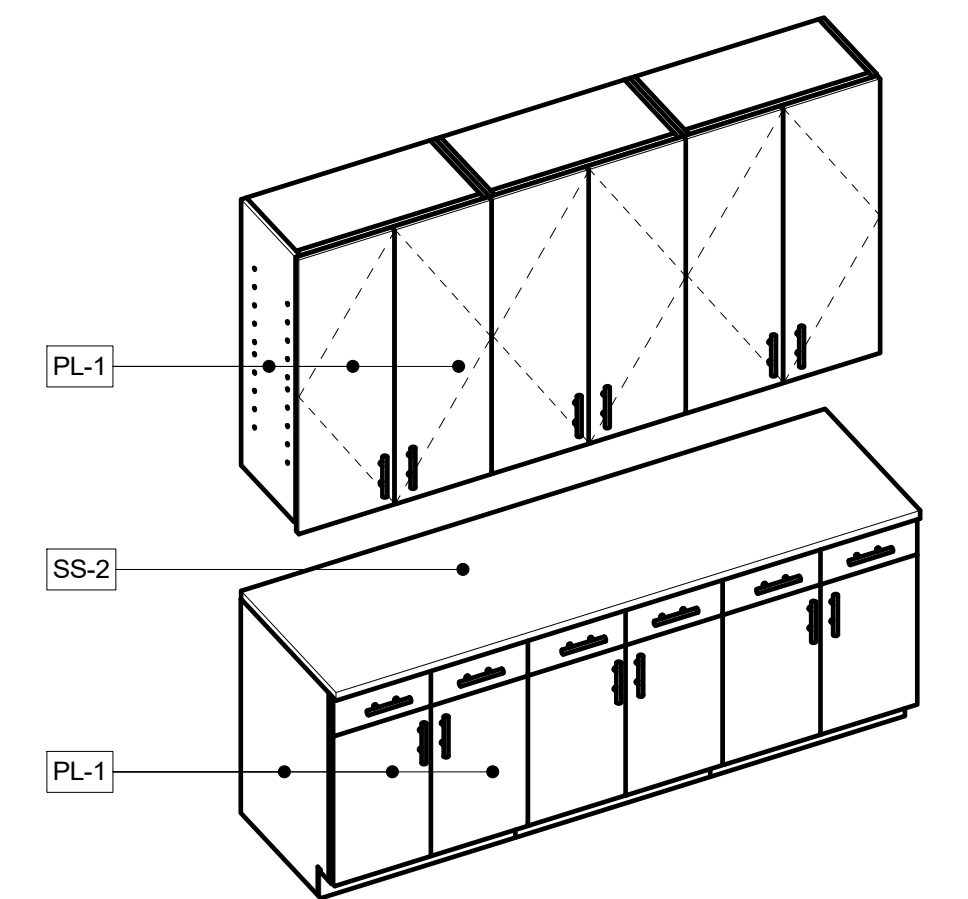
6 DLR AXON - FURNITURE PANTRY - DLR - B



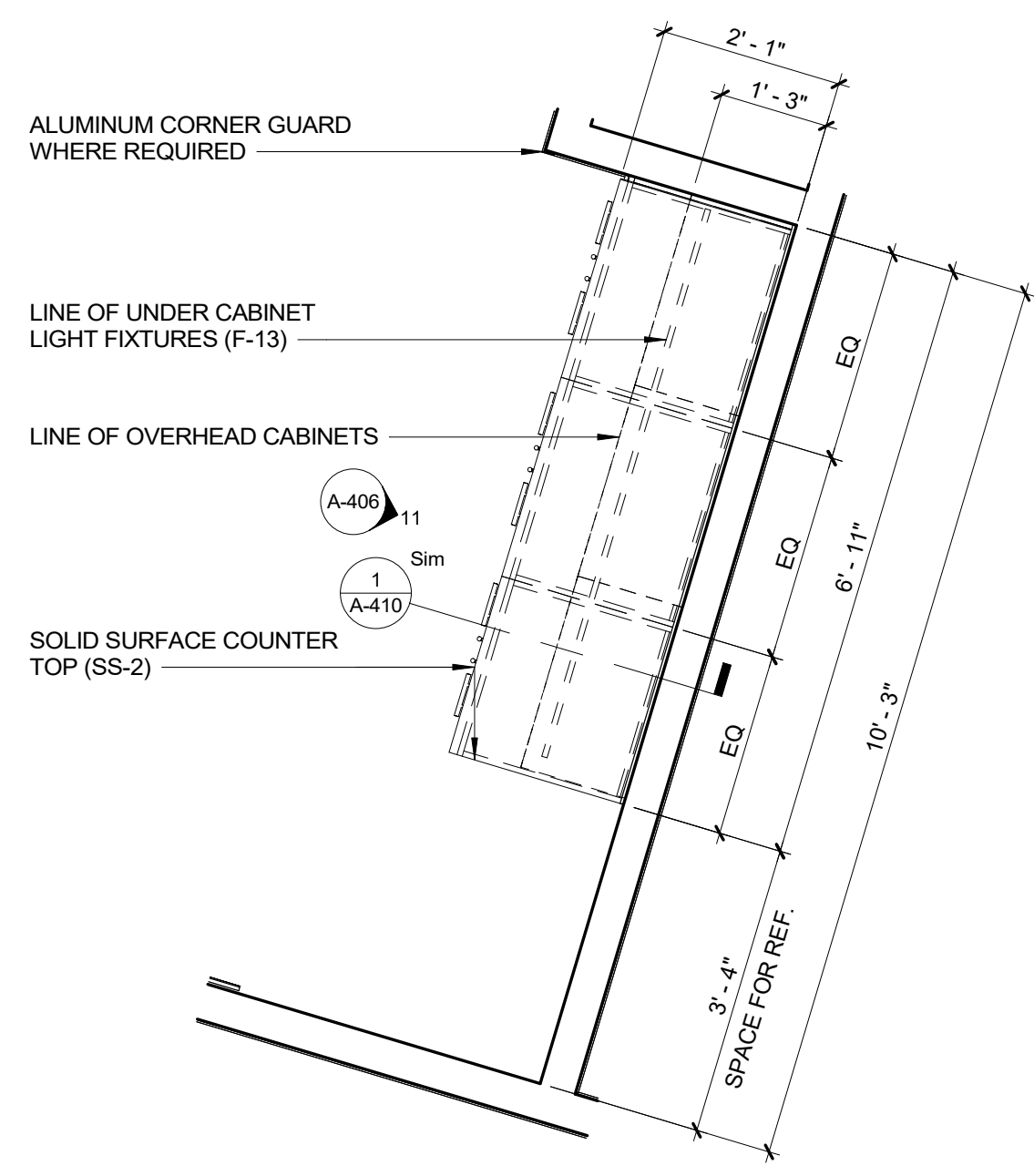
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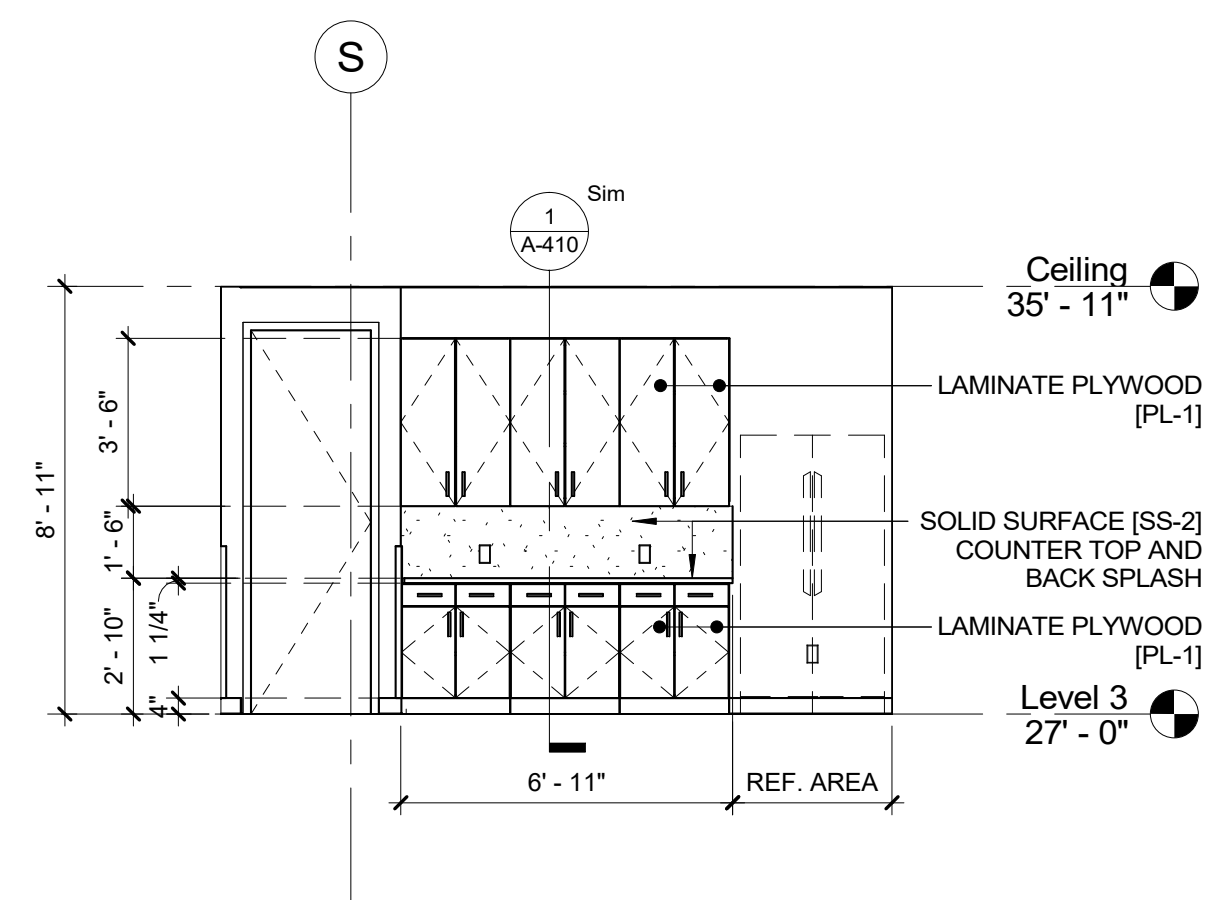
8 ELEVATION - FURNITURE PANTRY PU
1/4" = 1'-0"



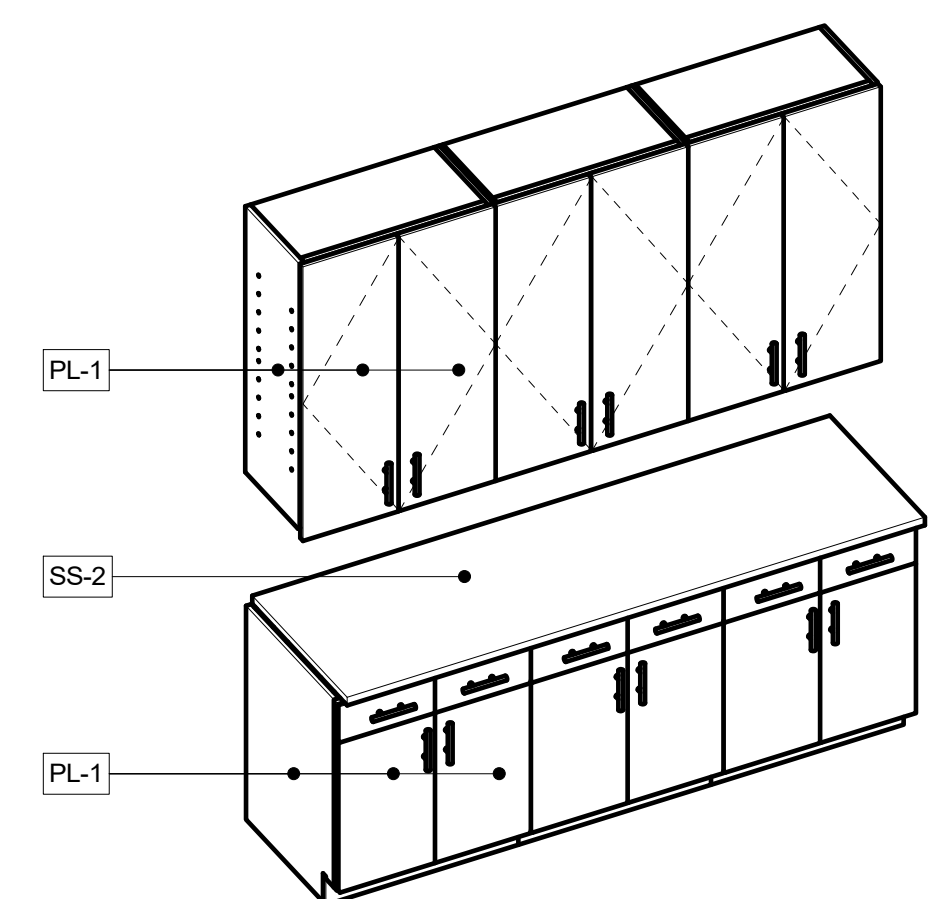
9 PU AXON - FURNITURE PANTRY PU



10 PLAN DETAIL - FURNITURE PANTRY DOF
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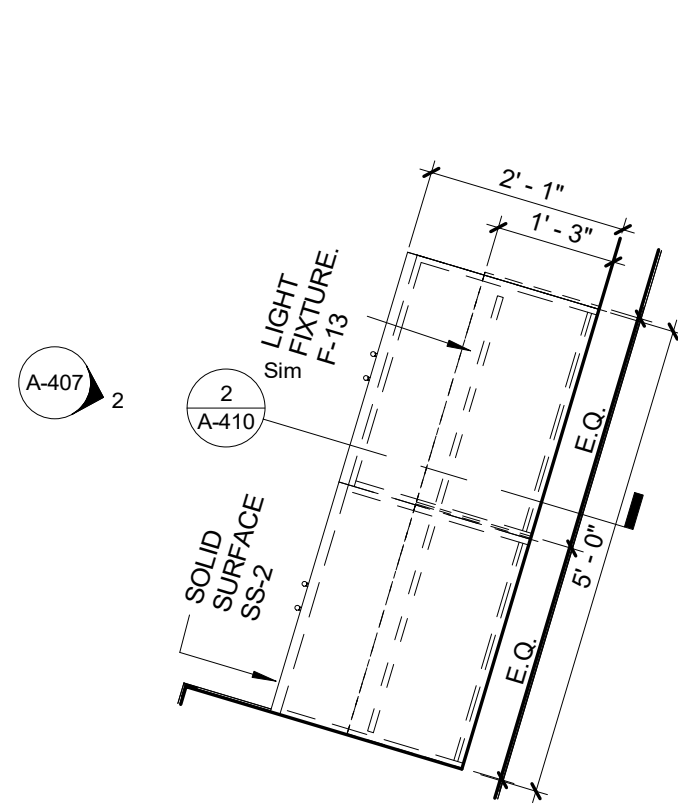


11 ELEVATION - DOF PANTRY A- FURNITURE
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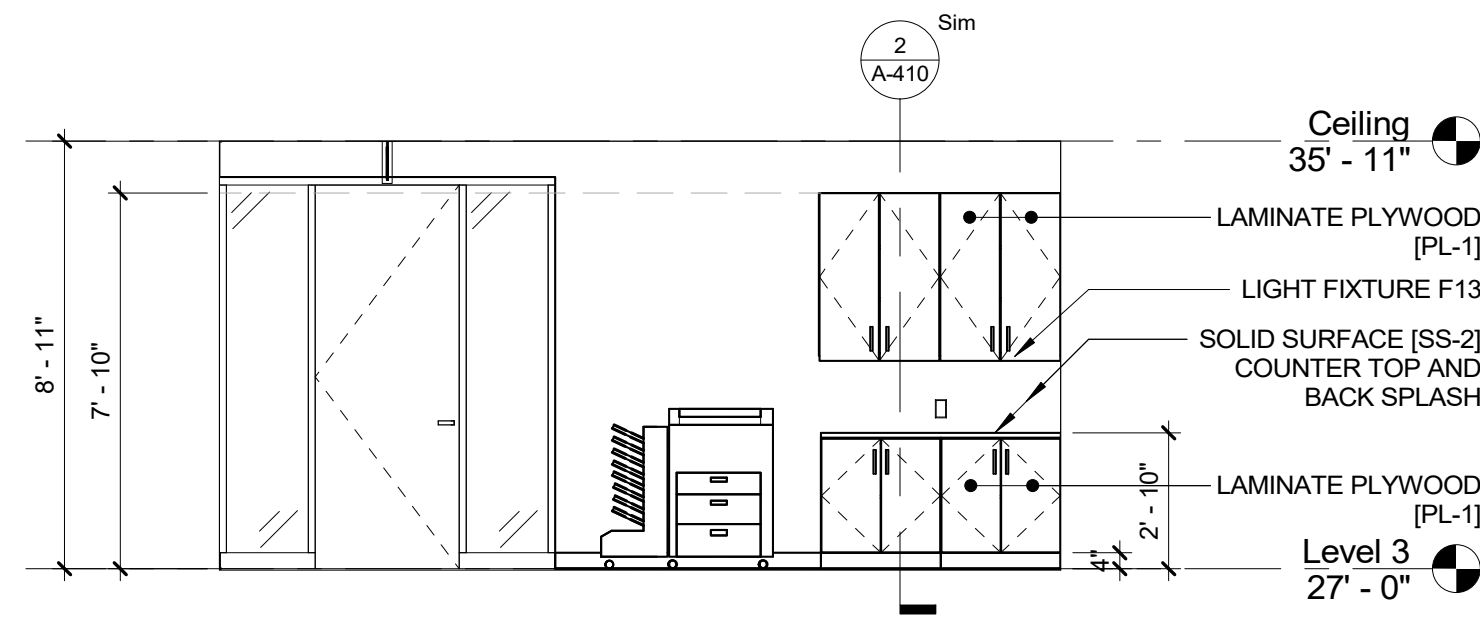


12 DOF AXON - FURNITURE PANTRY DOF

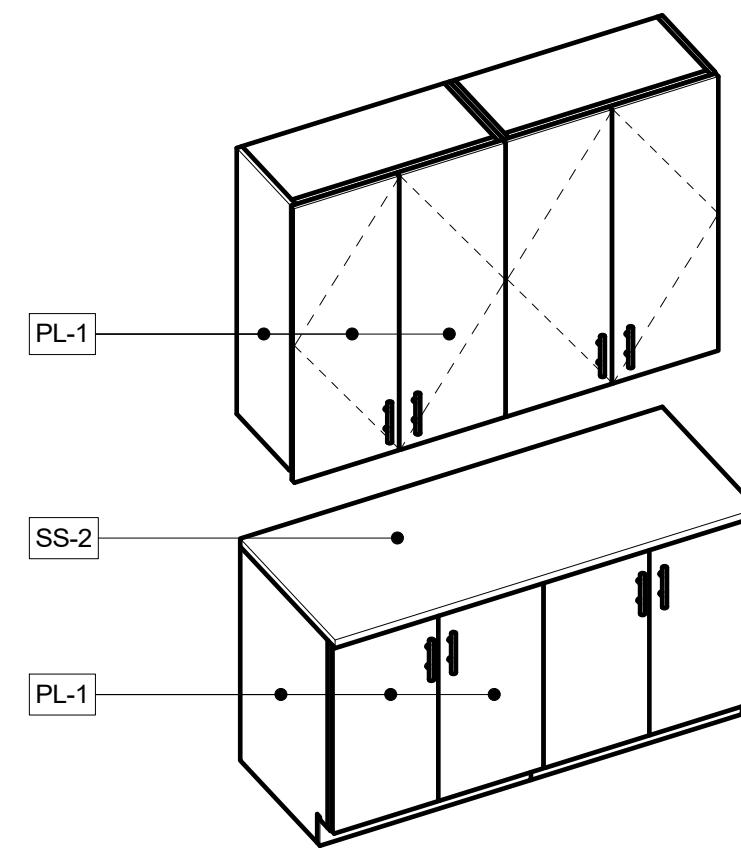
CONSULTANT SEAL 		CONSULTANT INFORMATION Graff & Lewent Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989																										
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CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____																										
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK MILLWORK DETAILS		CONTRACT NUMBER 19-514 SHEET NO. 85 OF 106	SHEET NUMBER A-406 SCALE: As indicated DATE: May 20, 2021 Issue Date DPW FILE NO. REV NO. 0																									



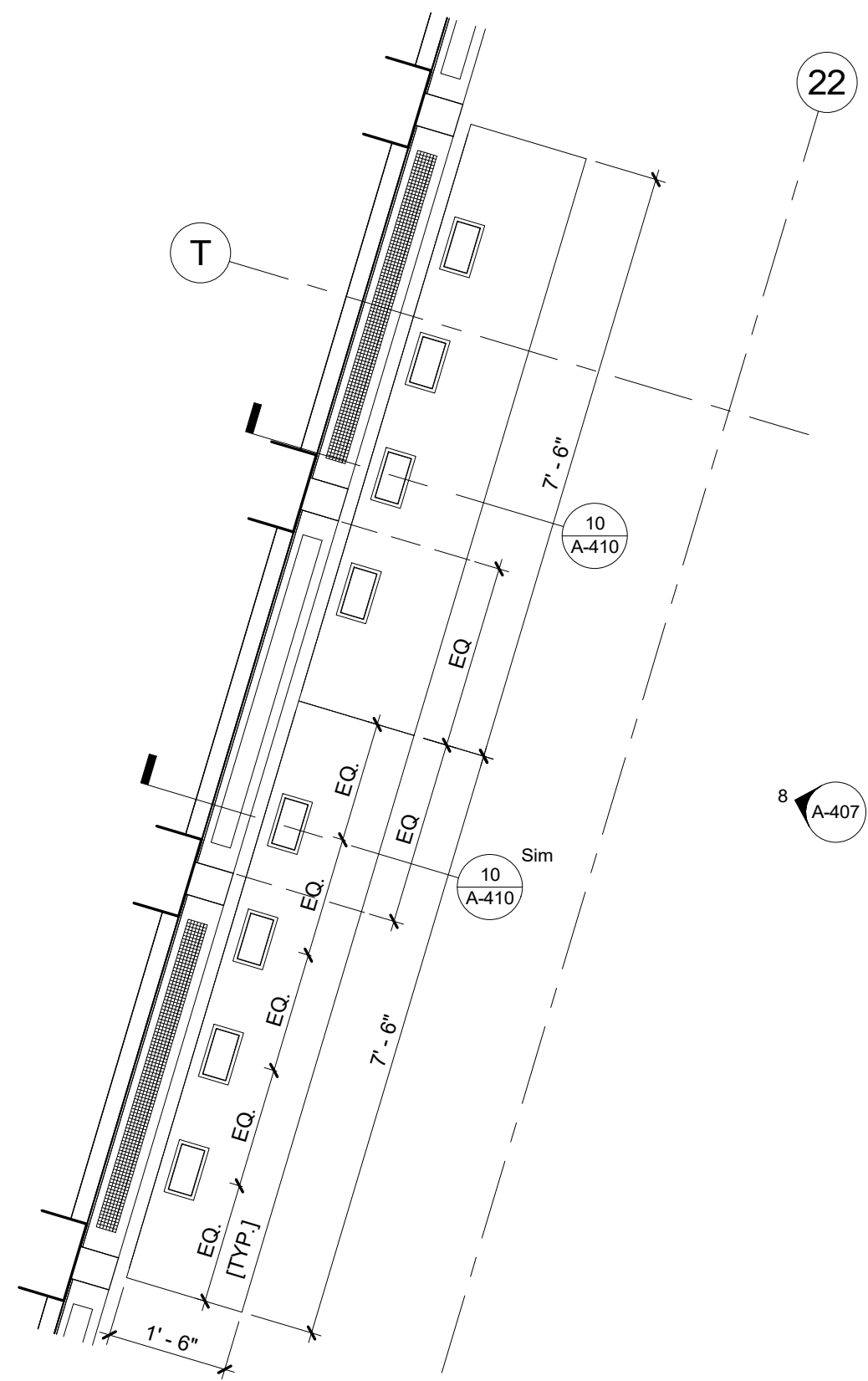
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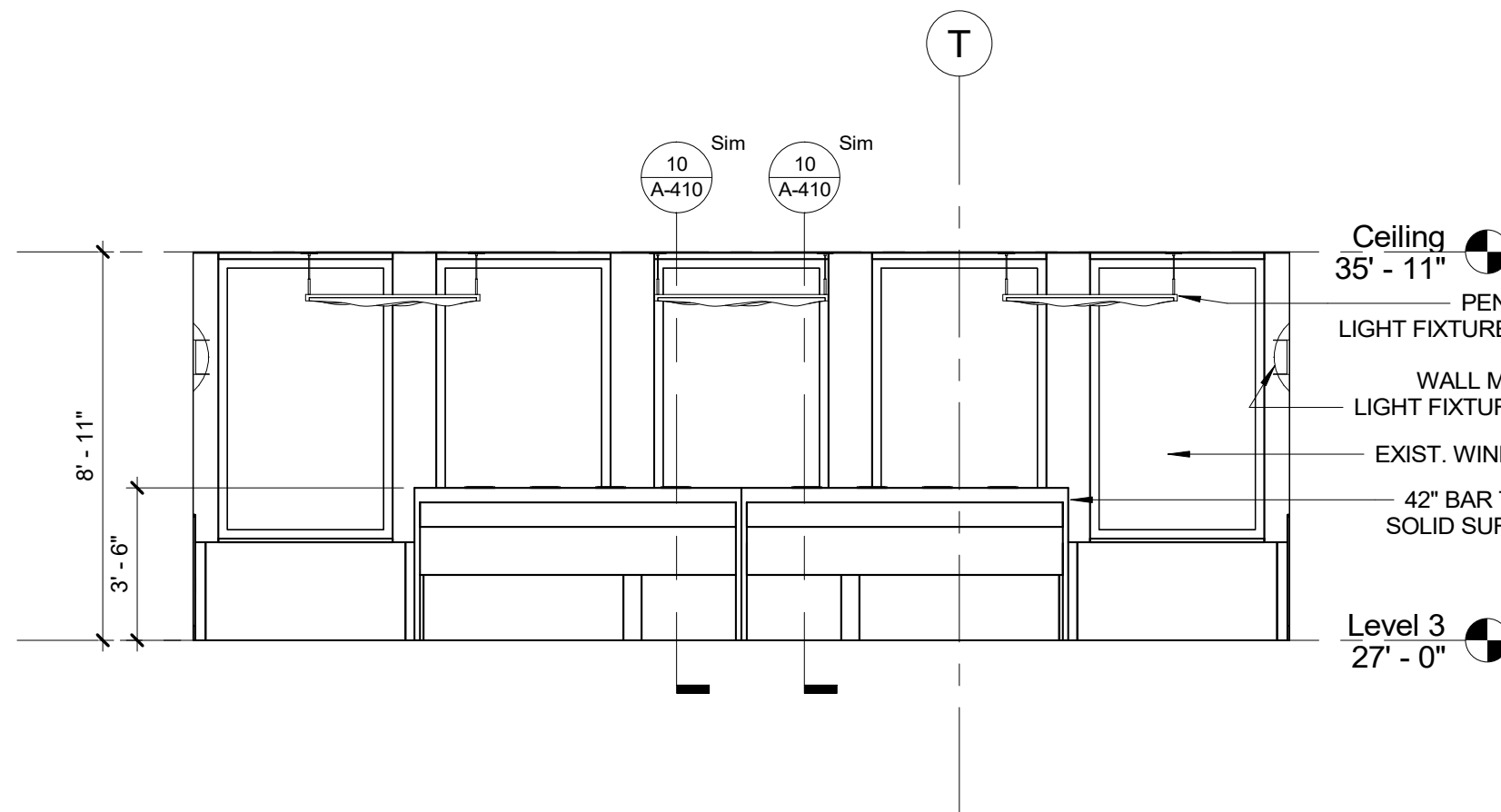
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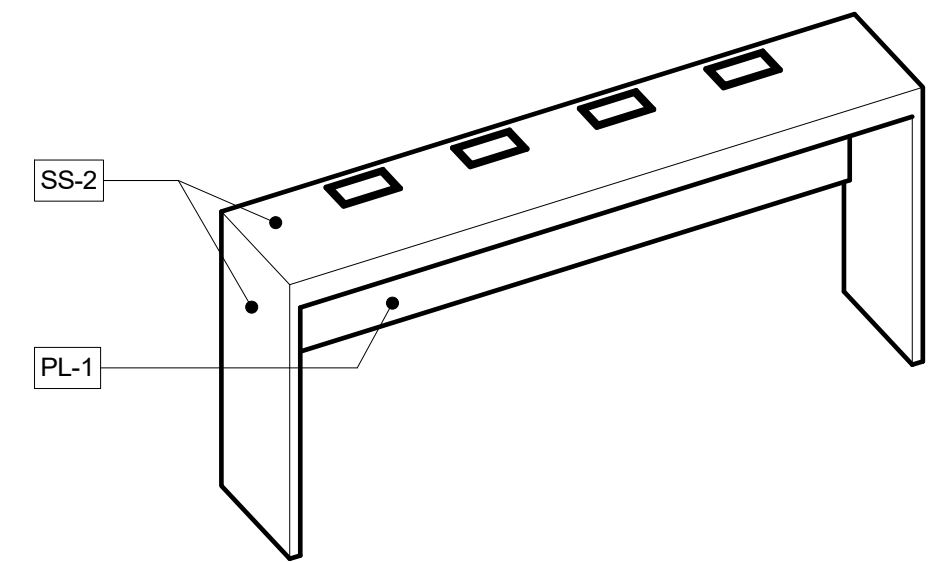
3 DOF AXON - FURNITURE COPIER AREA



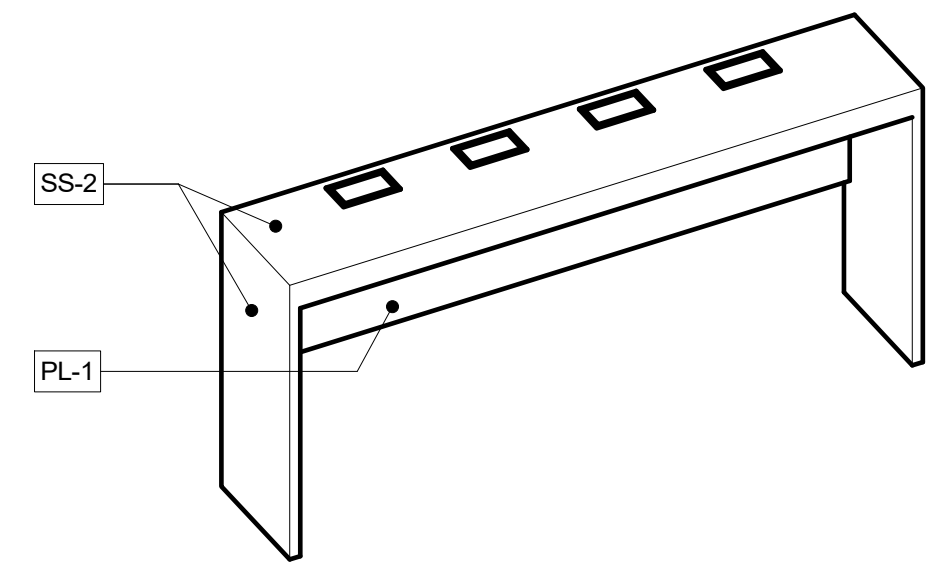
7 PLAN DETAIL - FURNITURE LUNCH / BREAK ROOM
1/2" = 1'-0"



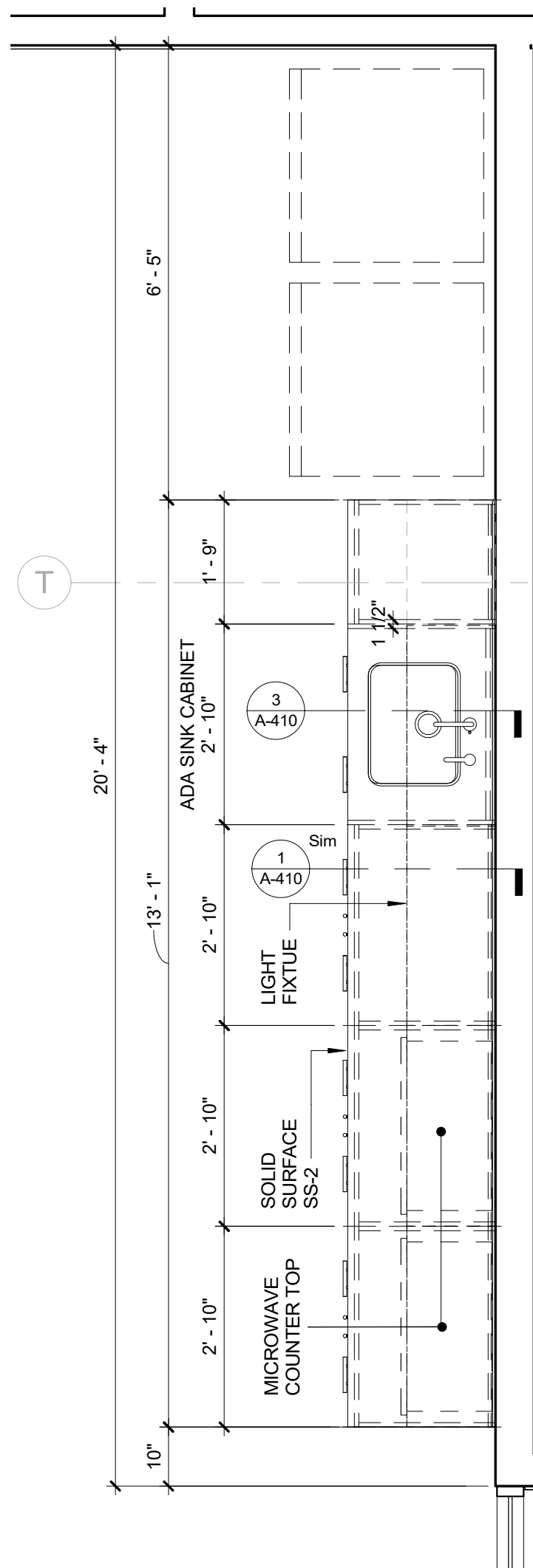
8 ELEVATION - FURNITURE LUNCH / BREAK ROOM
1/4" = 1'-0"



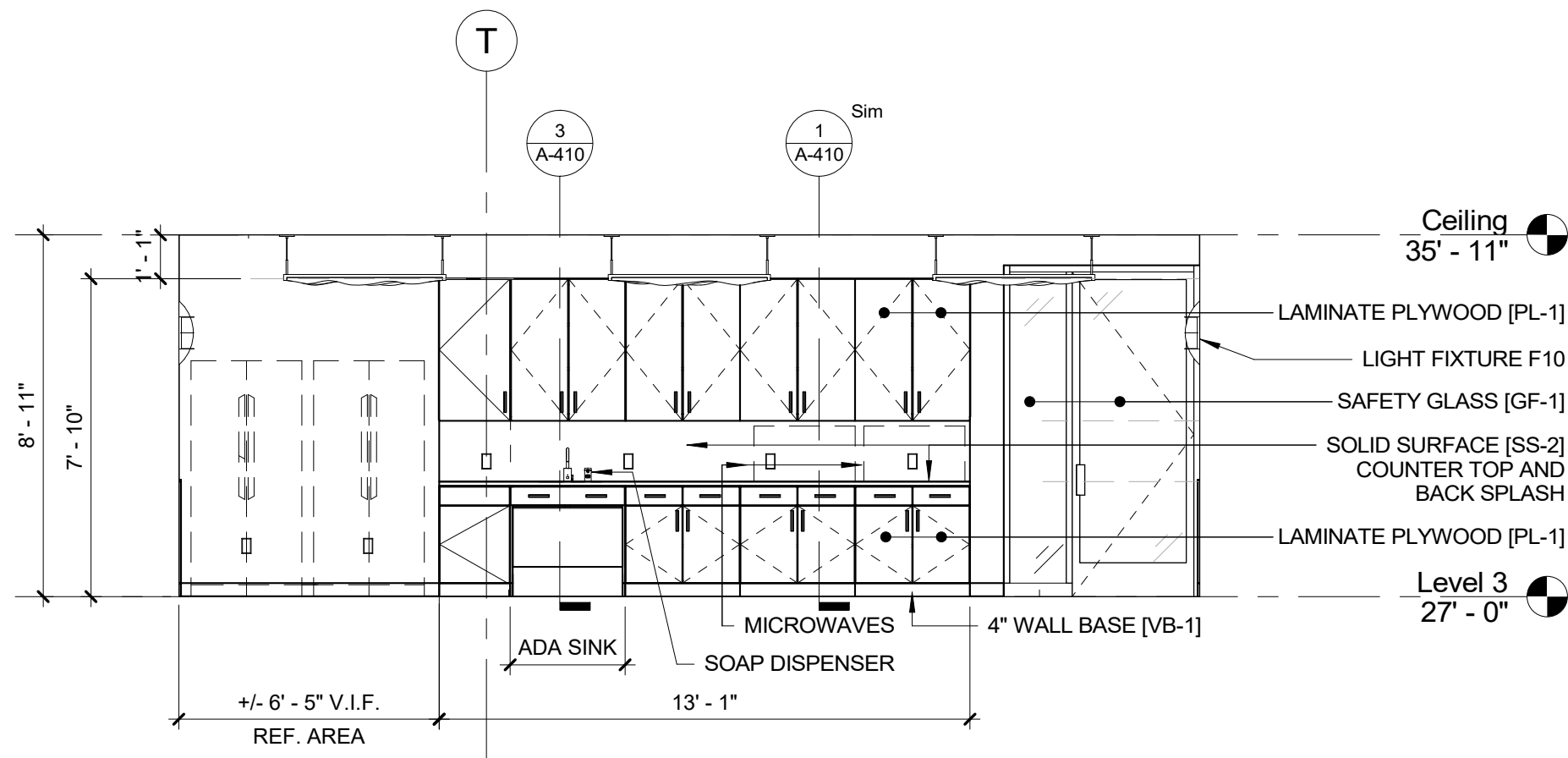
9 BAR HEIGHT TABLE - FRONT VIEW - FURNITURE



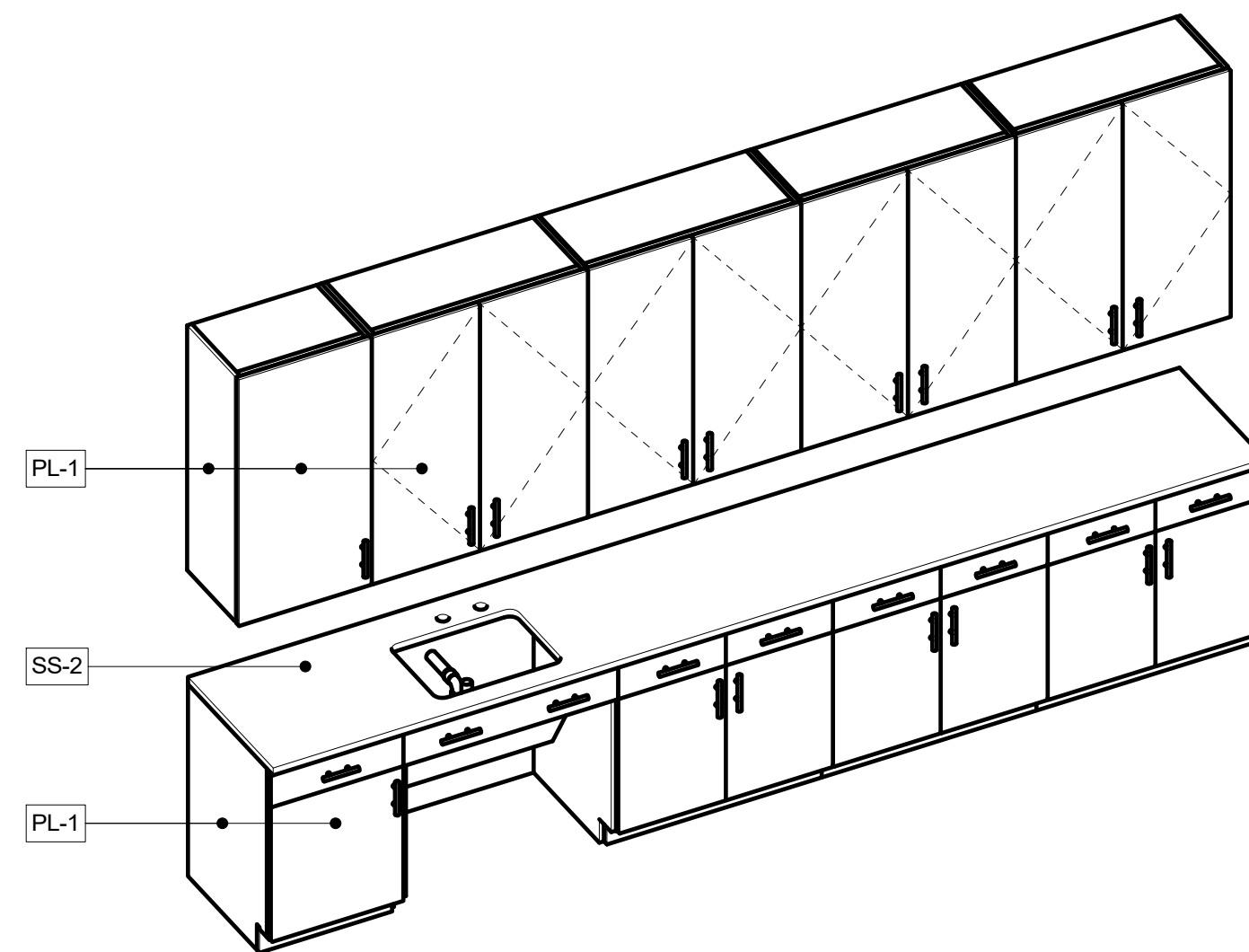
10 BAR HEIGHT TABLE - BACK VIEW - FURNITURE



4 PLAN DETAIL - LUNCH / BREAK ROOM COUNTER FURNITURE
1/2" = 1'-0"

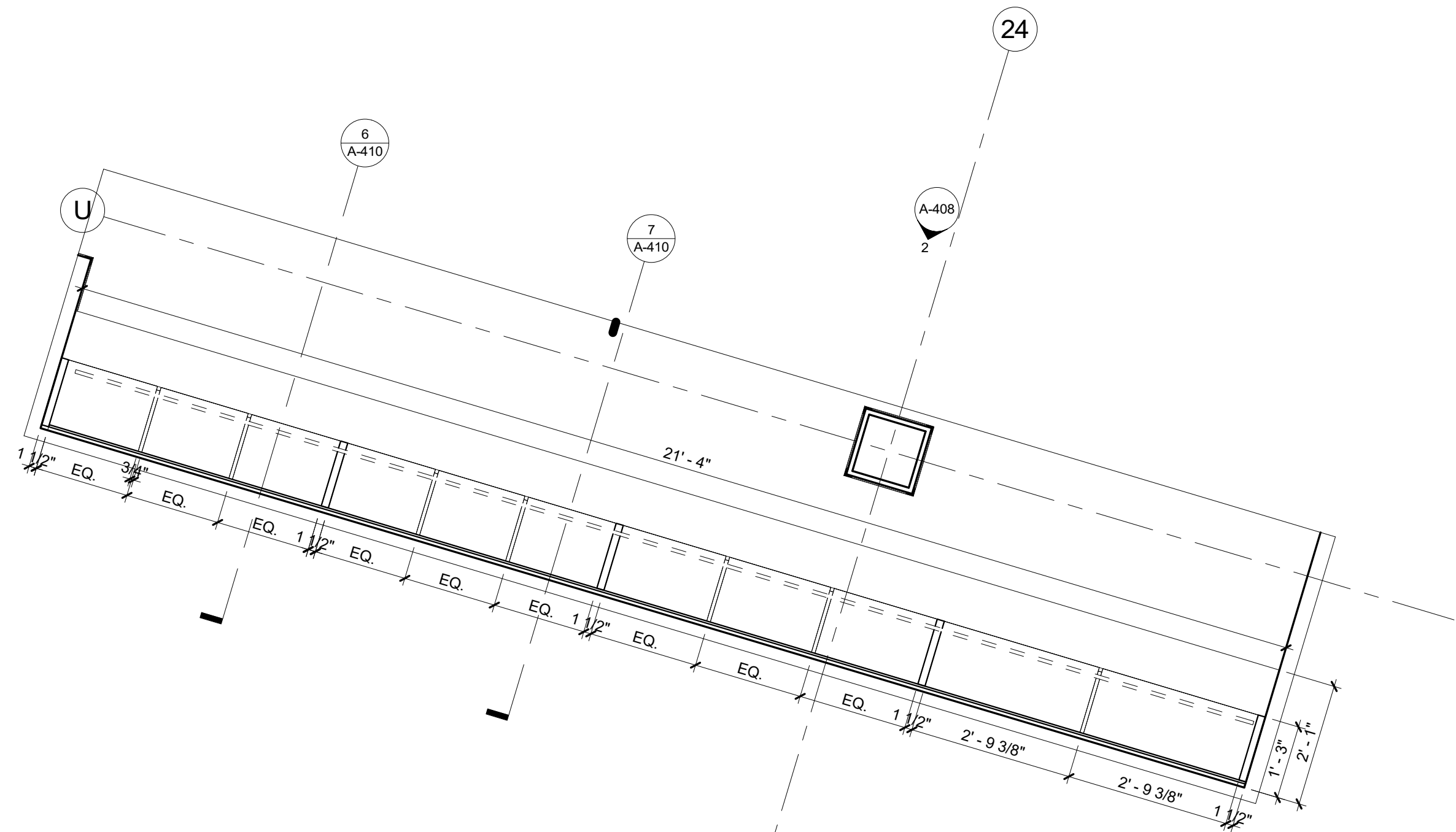


5 ELEVATION - WET FURNITURE LUNCH / BREAK ROOM
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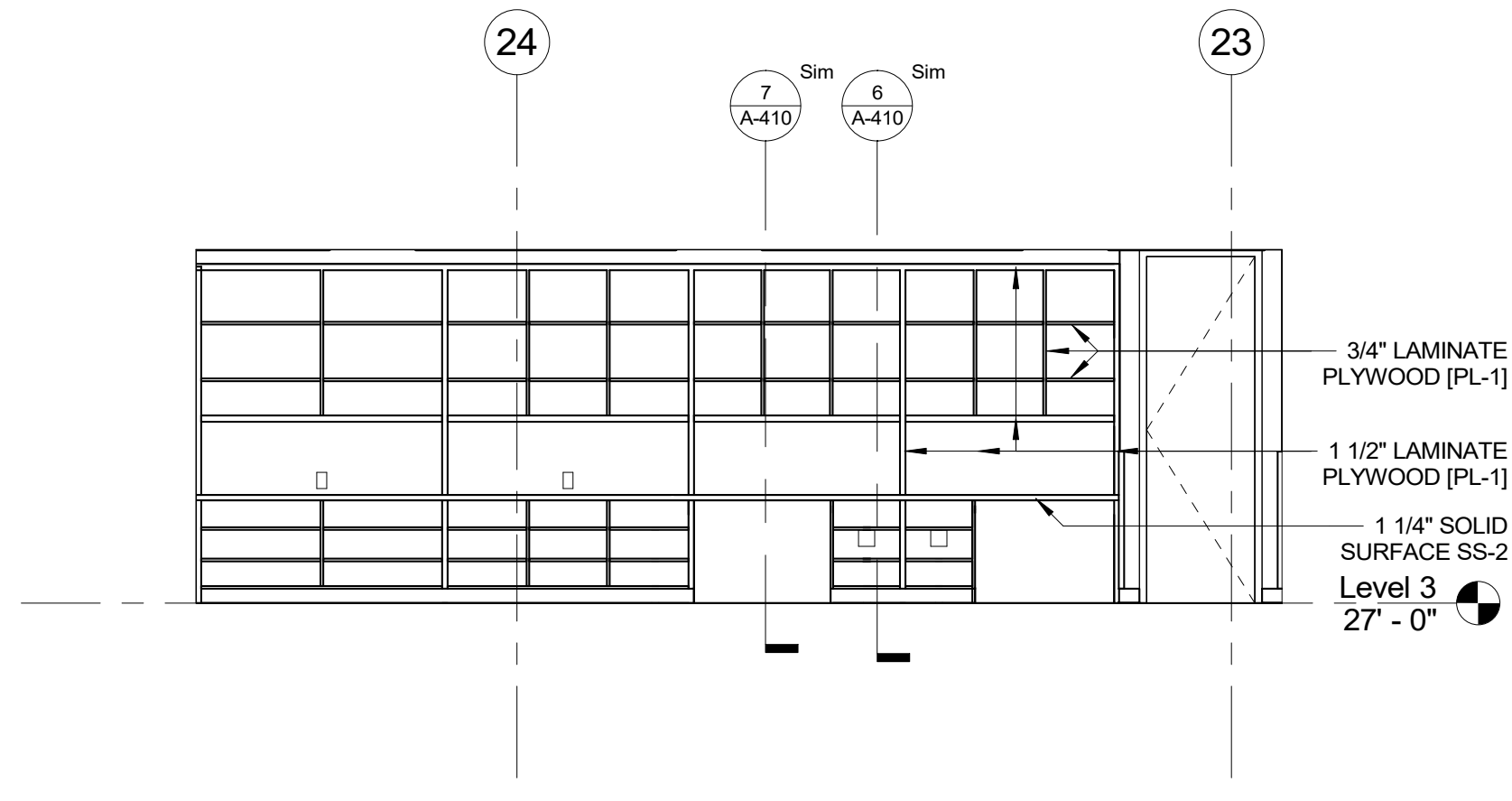


6 WET AXON - FURNITURE LUNCH / BREAK ROOM

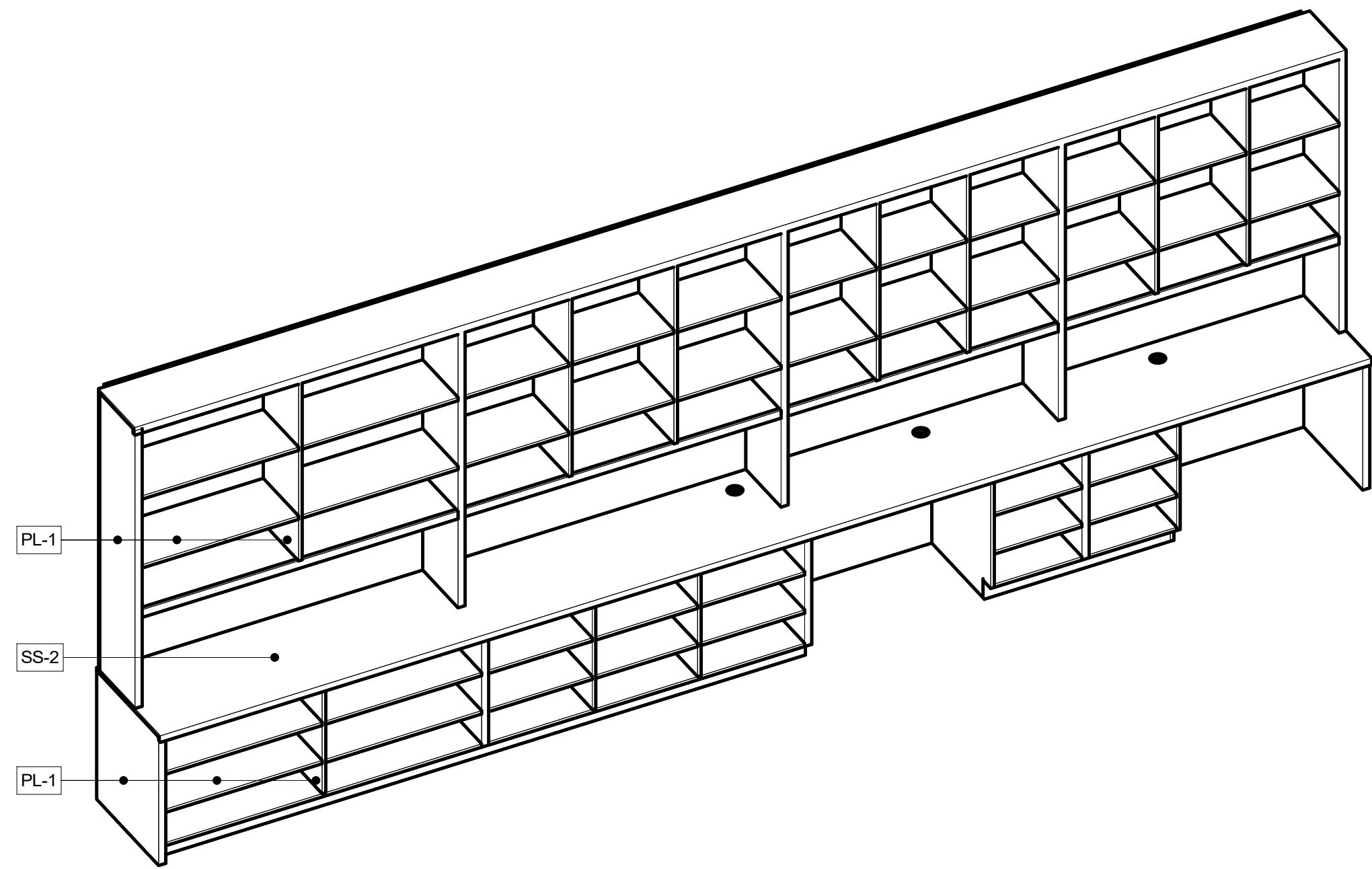
		CONSULTANT INFORMATION	
		Graff & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
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			APP'D BY
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 86 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: As indicated	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021	
WHITE PLAINS, NEW YORK		Issue Date	
FURNITURE DETAILS		REV NO 0	
		52-01-A-530	



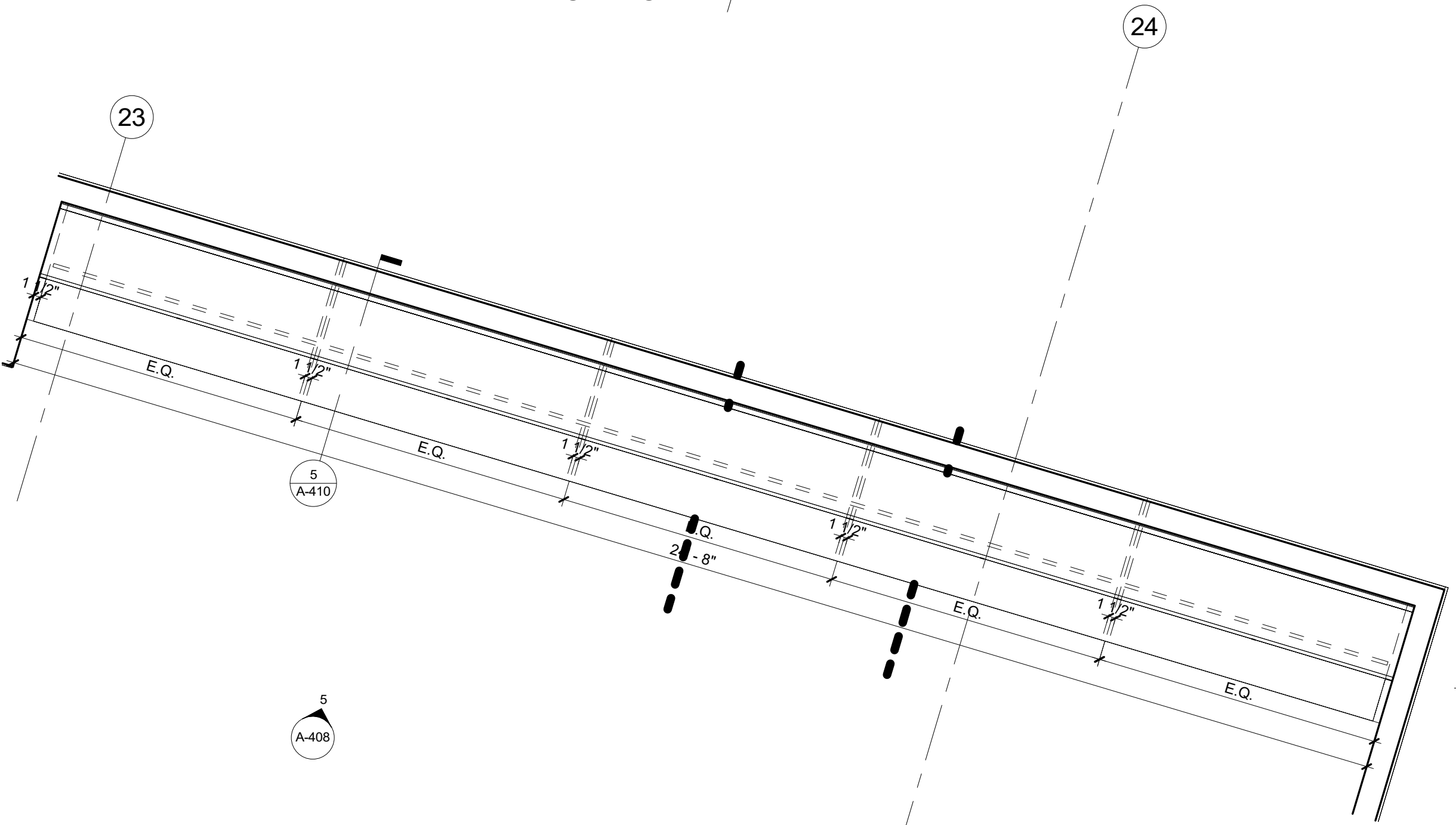
1 PLAN DETAIL - MAILING & PARCELS A PU
1/2" = 1'-0" FURNITURE



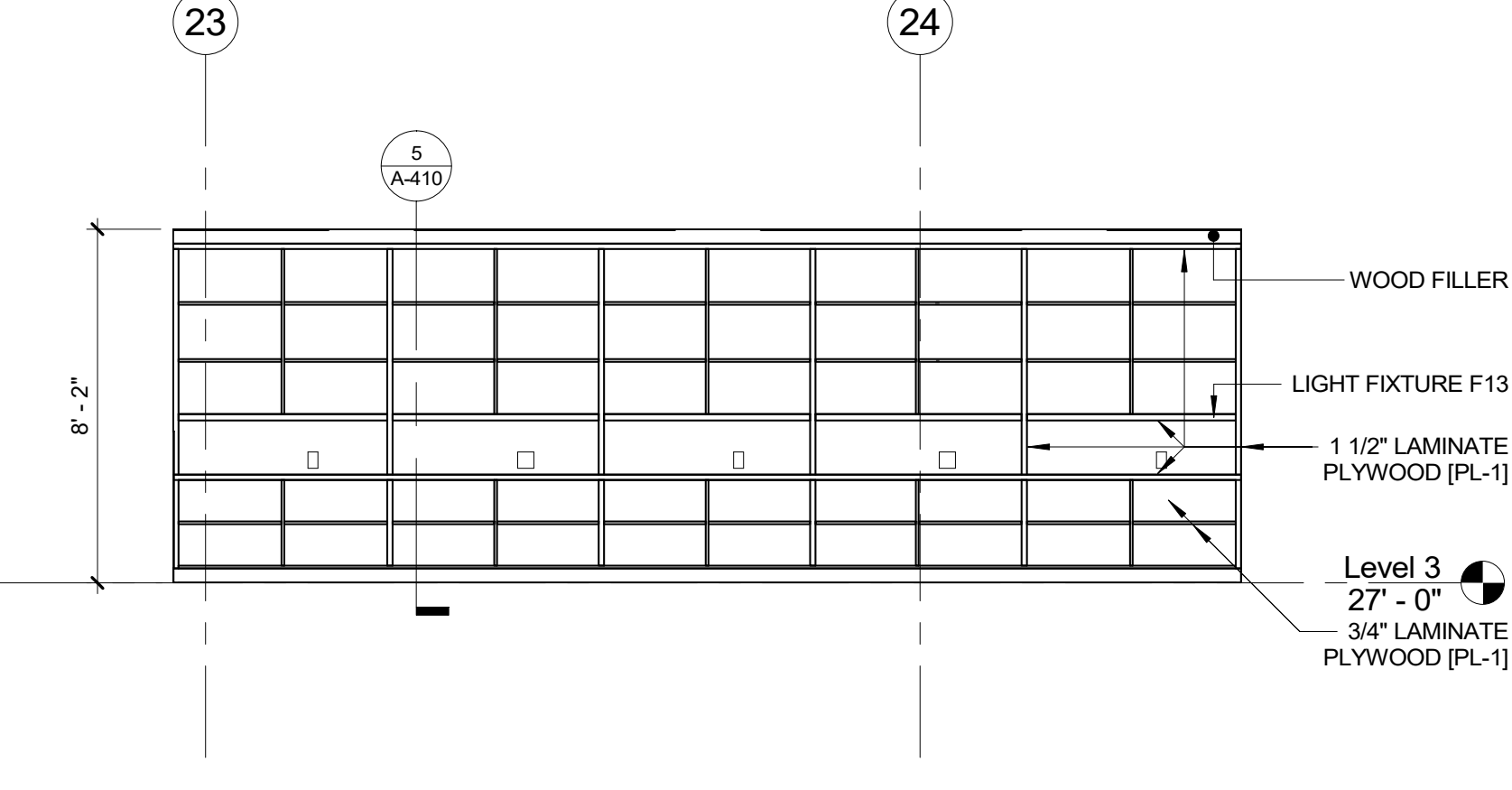
2 ELEVATION - PU MAILING & PARCELS - B - FURNITURE
1/4" = 1'-0"



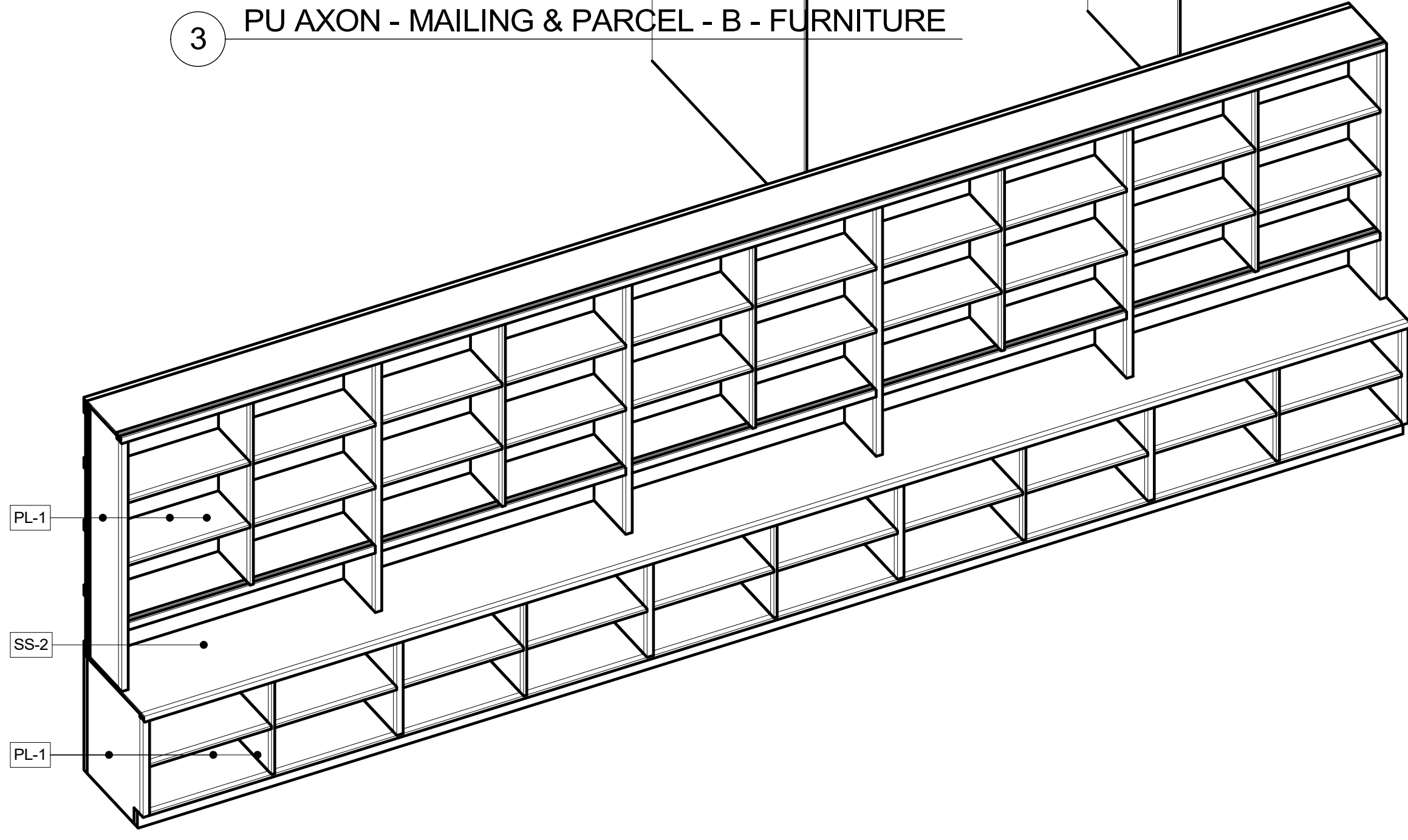
3 PU AXON - MAILING & PARCEL - B - FURNITURE



4 PLAN DETAIL - MAILING & PARCELS B PU
1/2" = 1'-0" FURNITURE

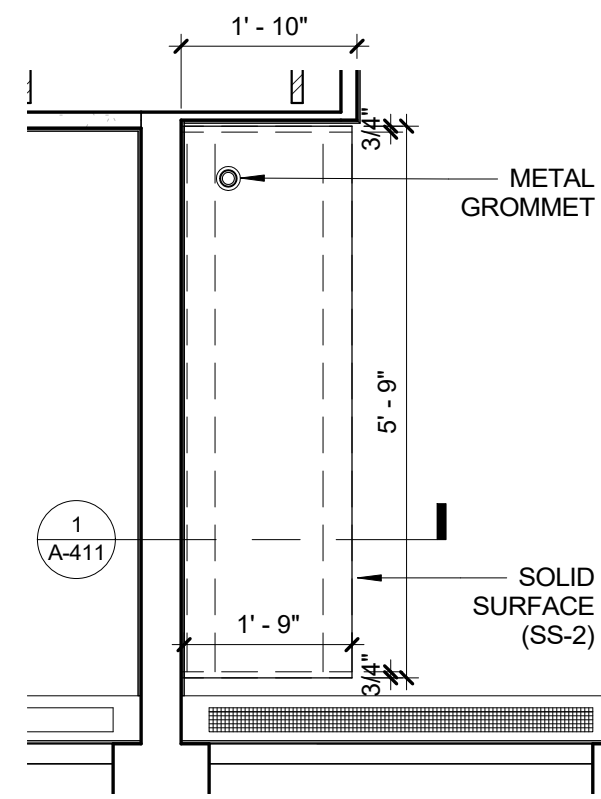


5 ELEVATION - PU MAILING & PARCELS W/ DESK - B - FURNITURE
1/4" = 1'-0"

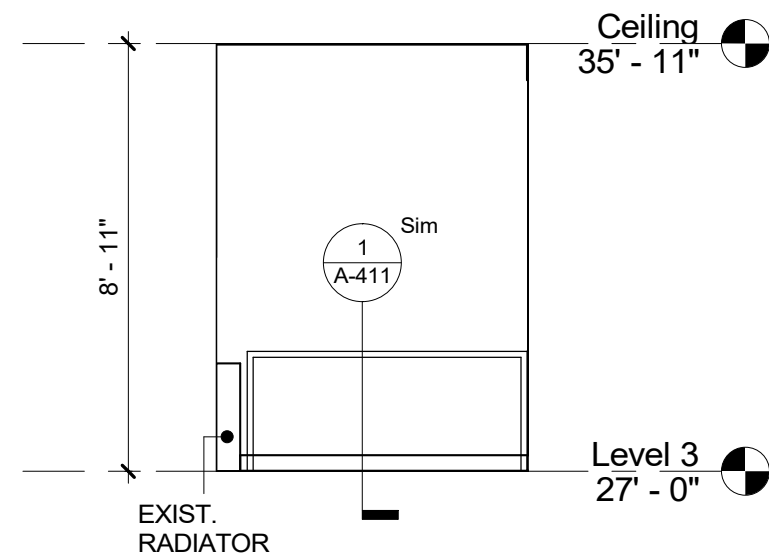


6 PU AXON - MAILING & PARCEL - A - FURNITURE

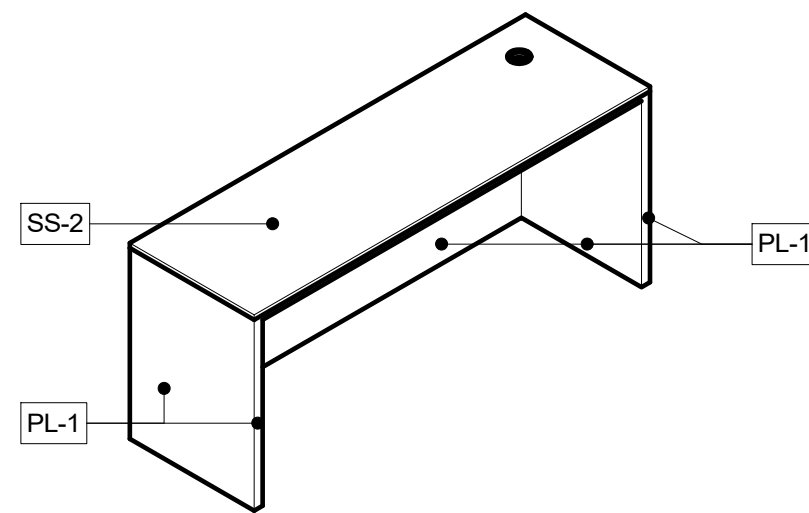
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 87 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: As indicated	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021 Issue Date	
WHITE PLAINS, NEW YORK		DPW FILE NO.	
FURNITURE DETAILS		52-01-A-531	
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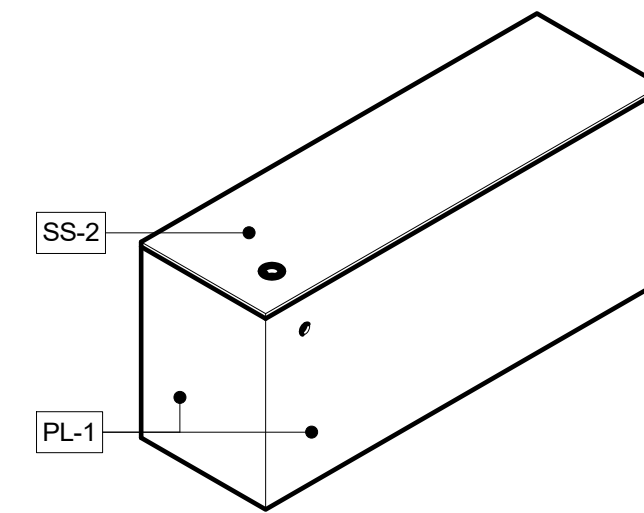
1 PLAN DETAIL - FURNITURE DLS PRIV. PUBLIC AREA B
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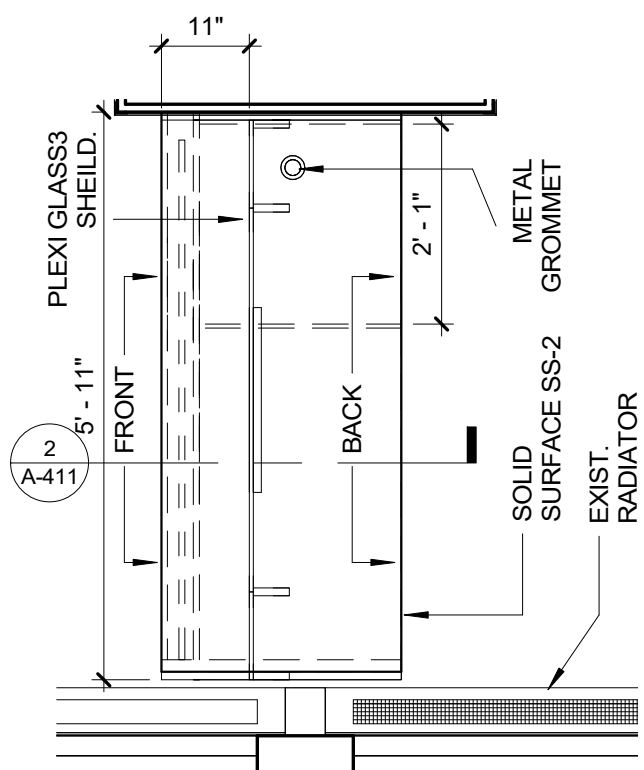
2 ELEVATION - FURNITURE DLS - DESK
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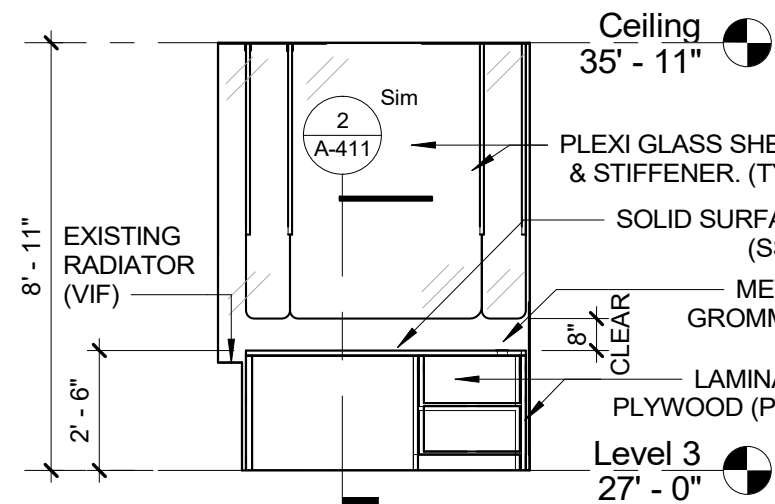
3 DLS AXON - FURNITURE DESK FRONT



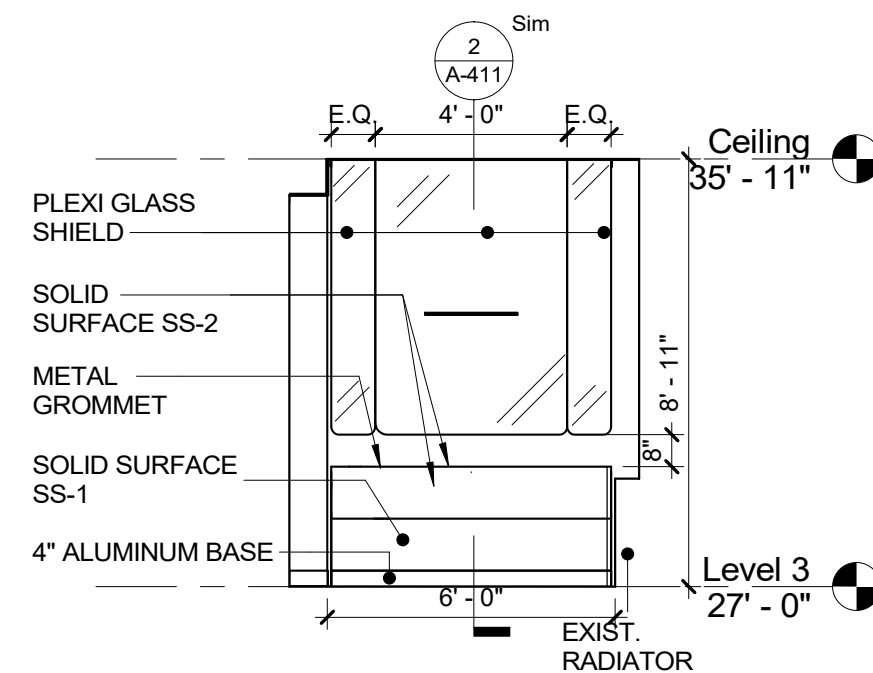
4 DLS AXON - FURNITURE DESK BACK



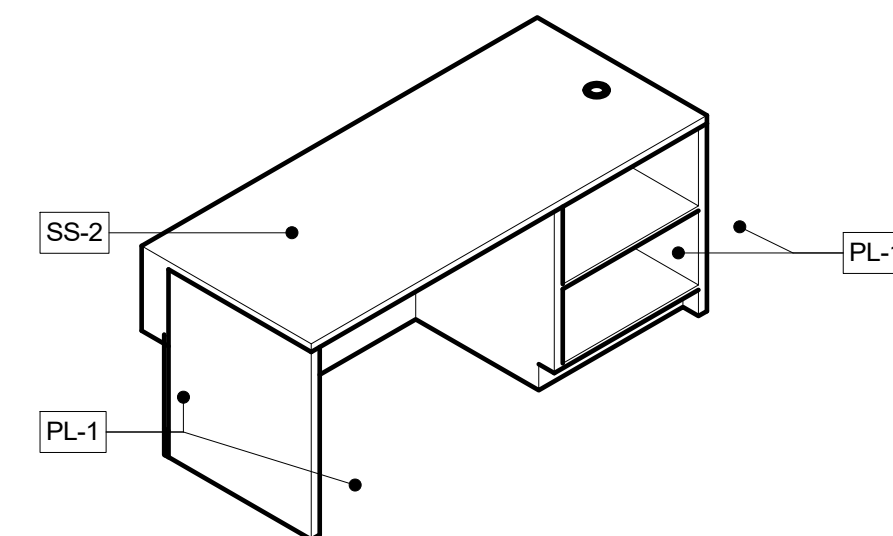
5 PLAN DETAIL - MILLWORK DLS PRIV. PUBLIC AREA C
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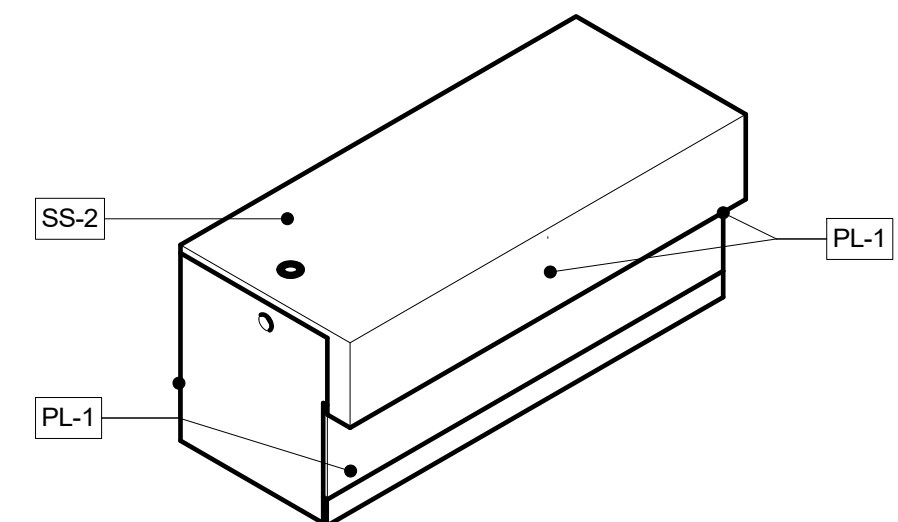
6 ELEVATION - DLS PRIVATE AREA DESK - FRONT
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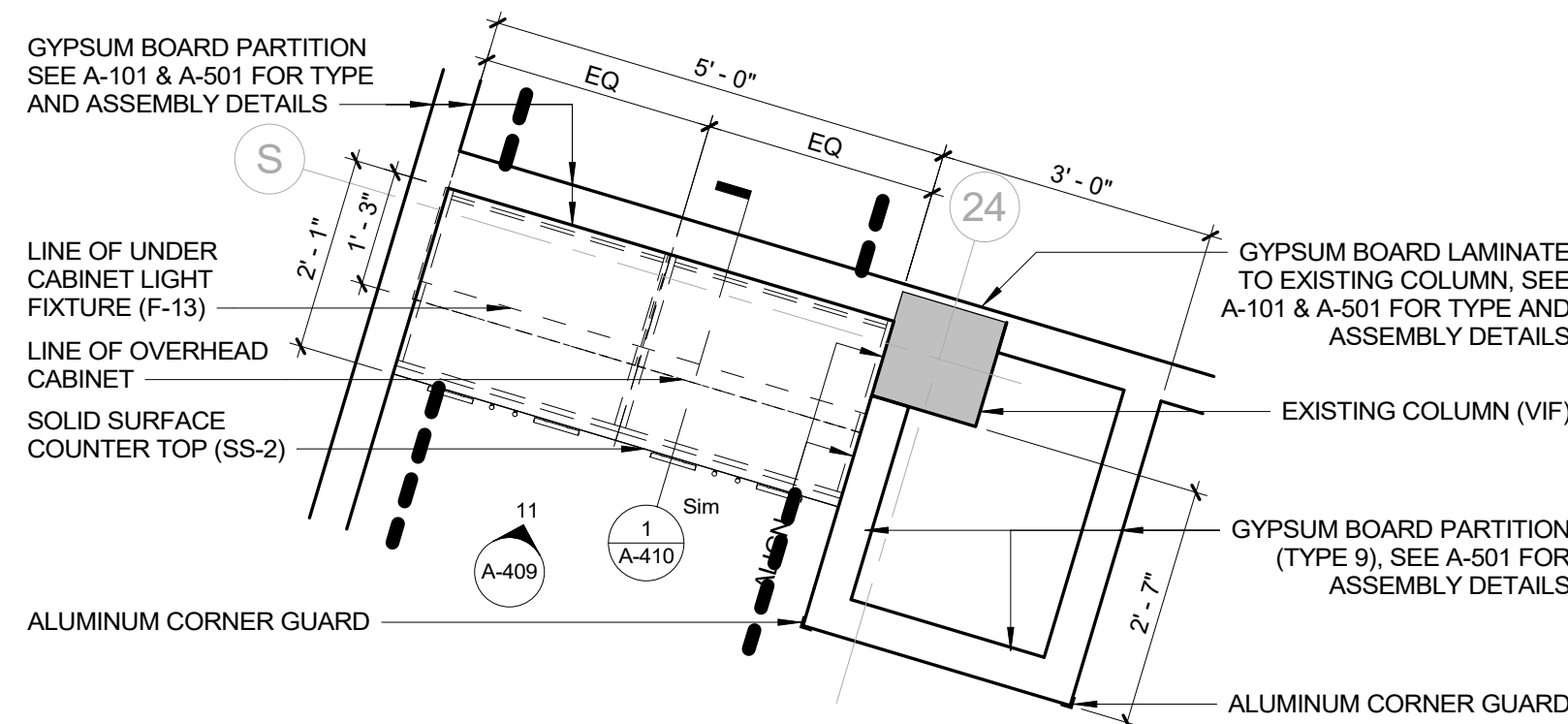
7 ELEVATION - DLS PRIVATE AREA PUBLIC BACK
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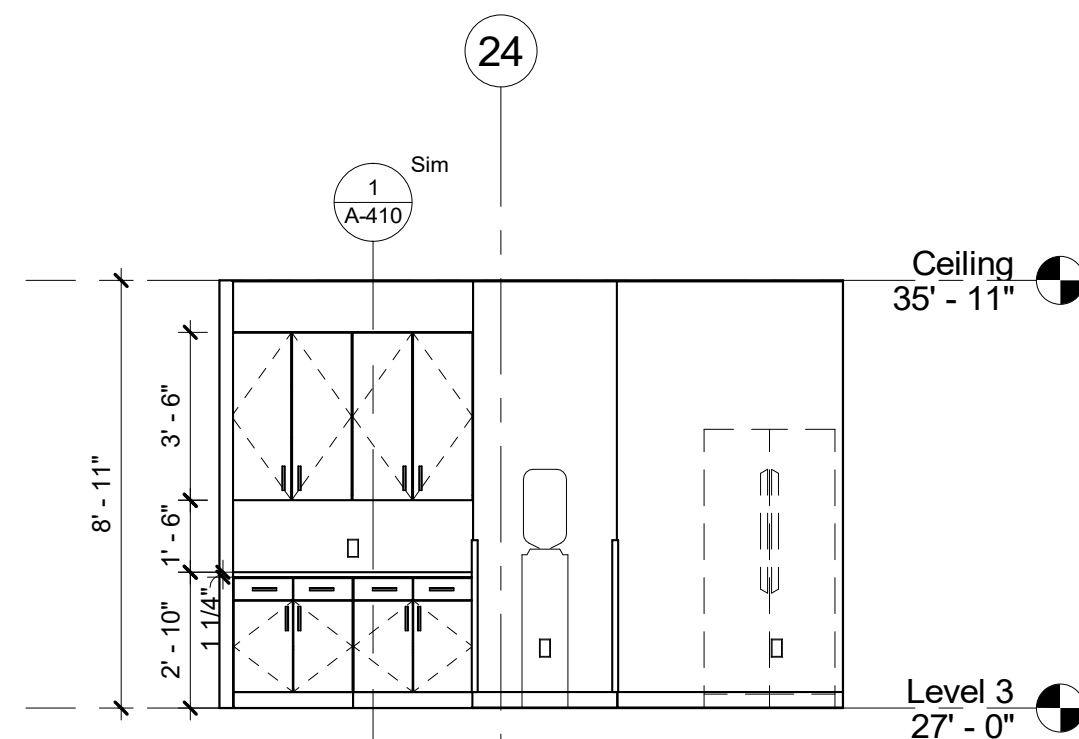
8 DLS AXON - MILLWORK DESK PRIV. FRONT



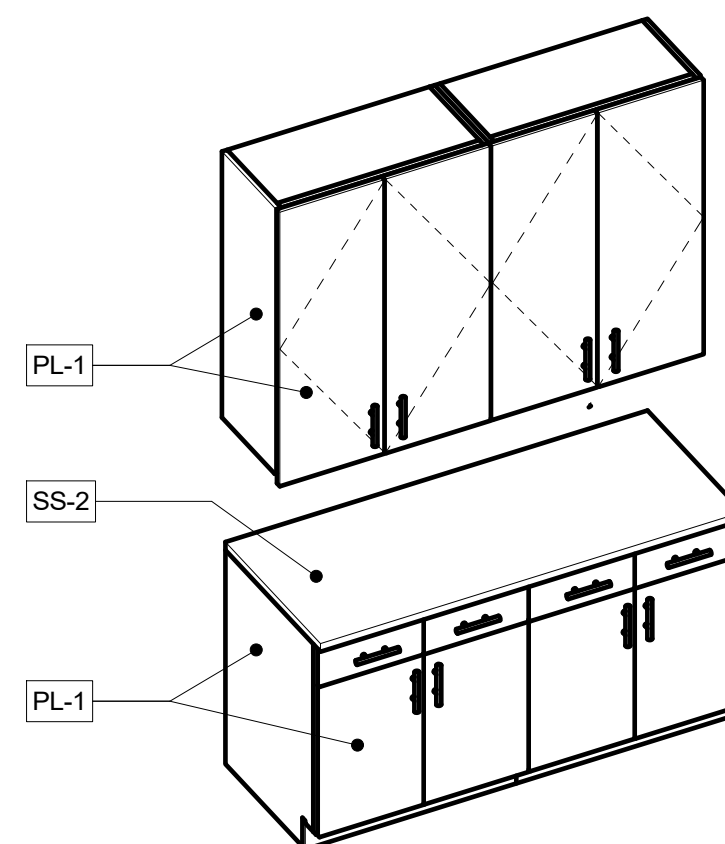
9 DLS AXON - MILLWORK DESK PRIV. BACK



10 PLAN DETAIL - FURNITURE WCC PANTRY
1/2" = 1'-0"



11 ELEVATION - WCC STORAGE - PANTRY
1/4" = 1'-0"

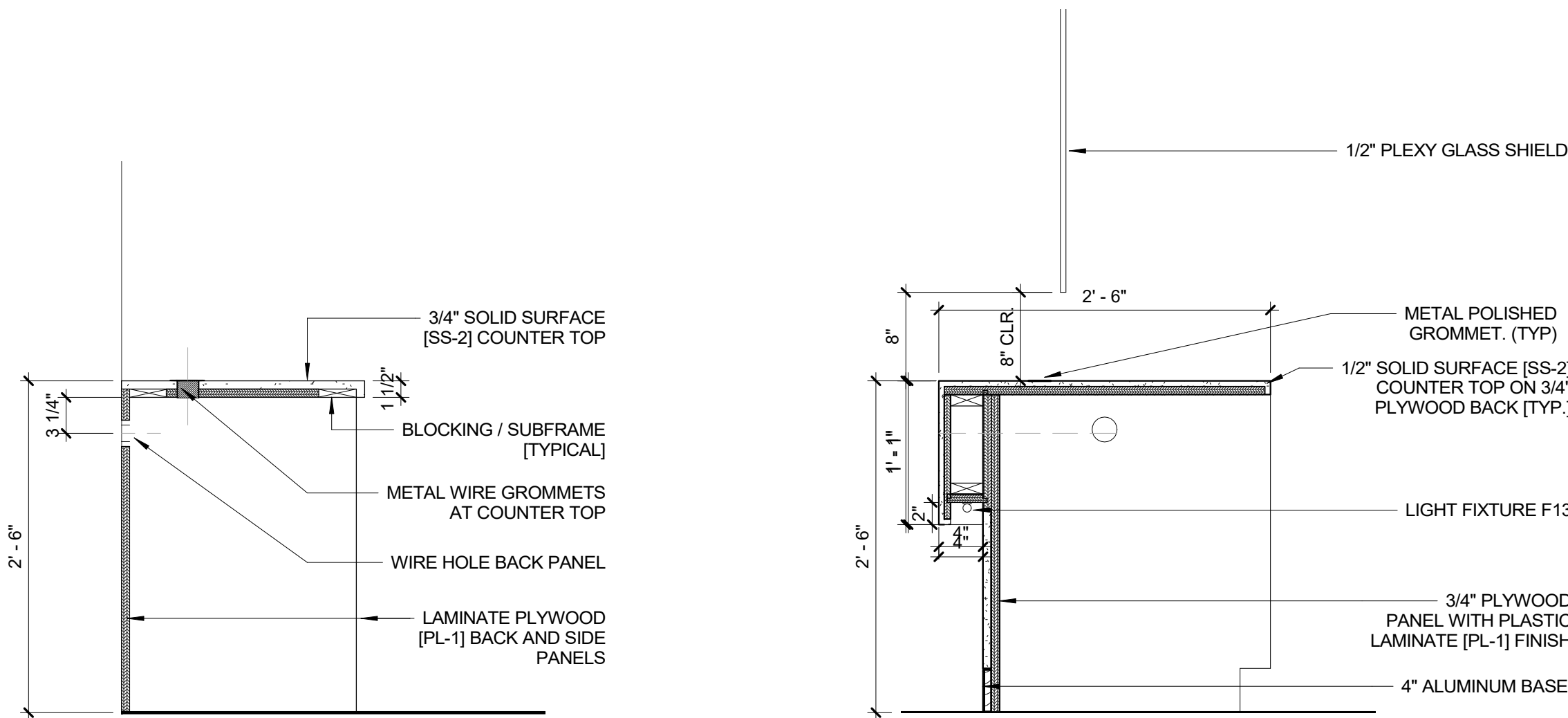


12 WCC - AXON FURNITURE PANTRY

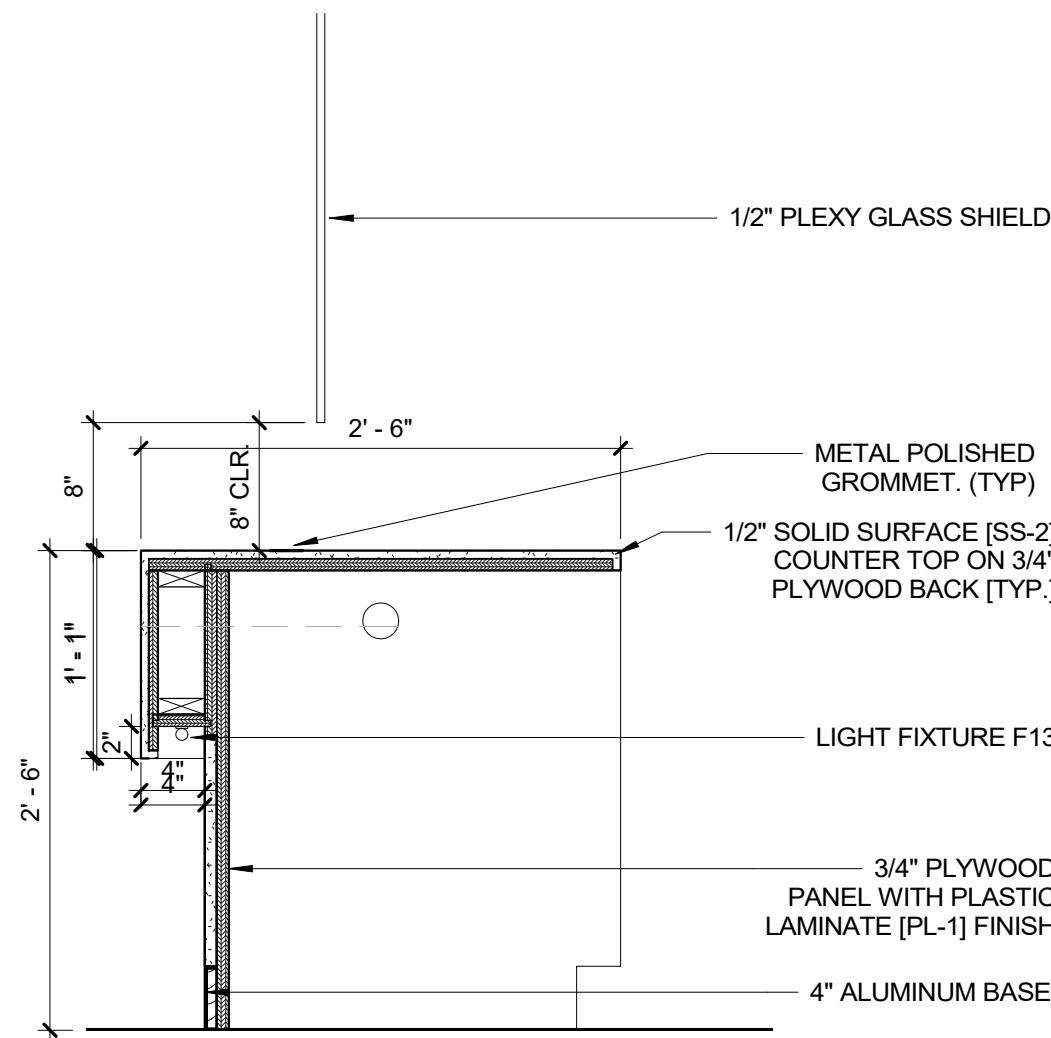
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		Graf & Lewent Architects LLP	
		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 88 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: As indicated	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021 Issue Date	
WHITE PLAINS, NEW YORK		DPW FILE NO.	
FURNITURE & MILLWORK DETAILS		52-01-A-532	
		REV NO 0	



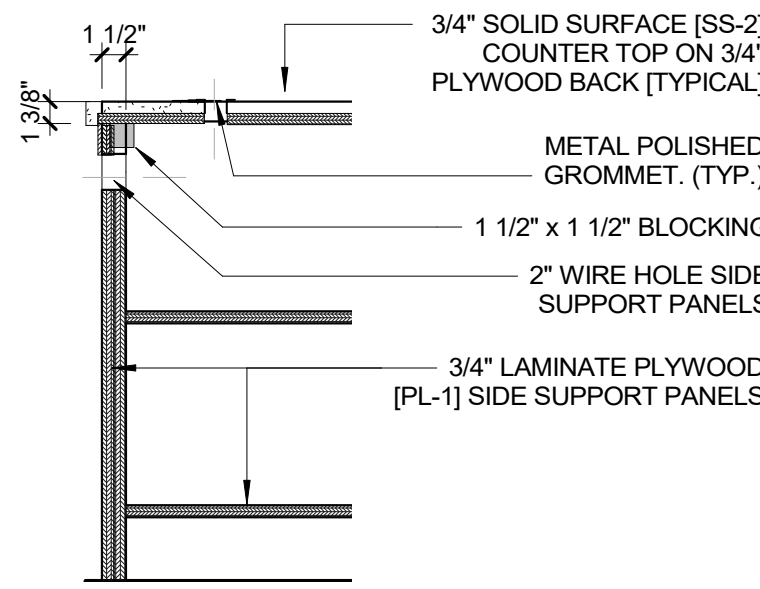
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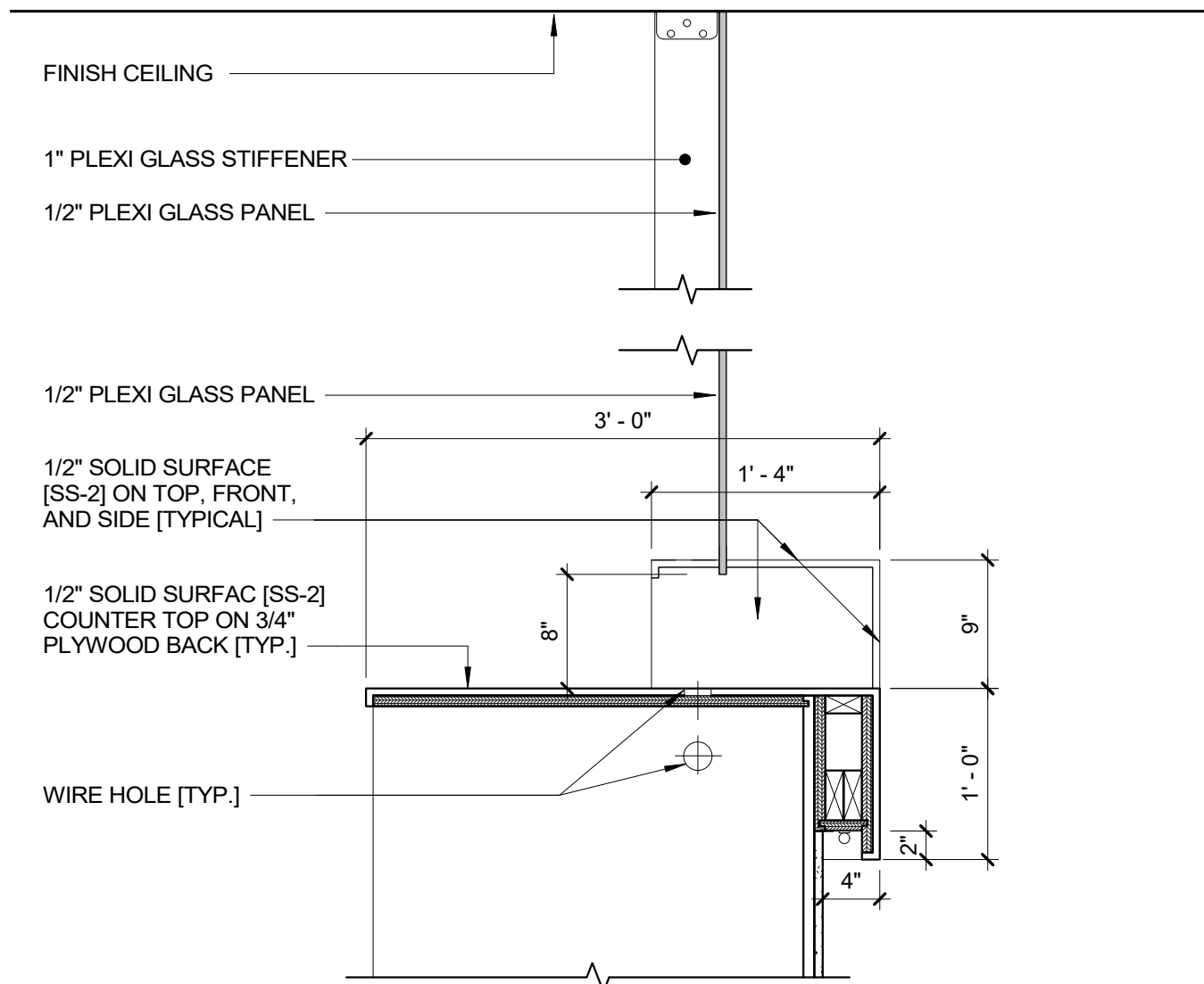
1 DLS - FURNITURE DETAIL A
1" = 1'-0"



2 DLS - FURNITURE DESK DETAIL
1" = 1'-0"

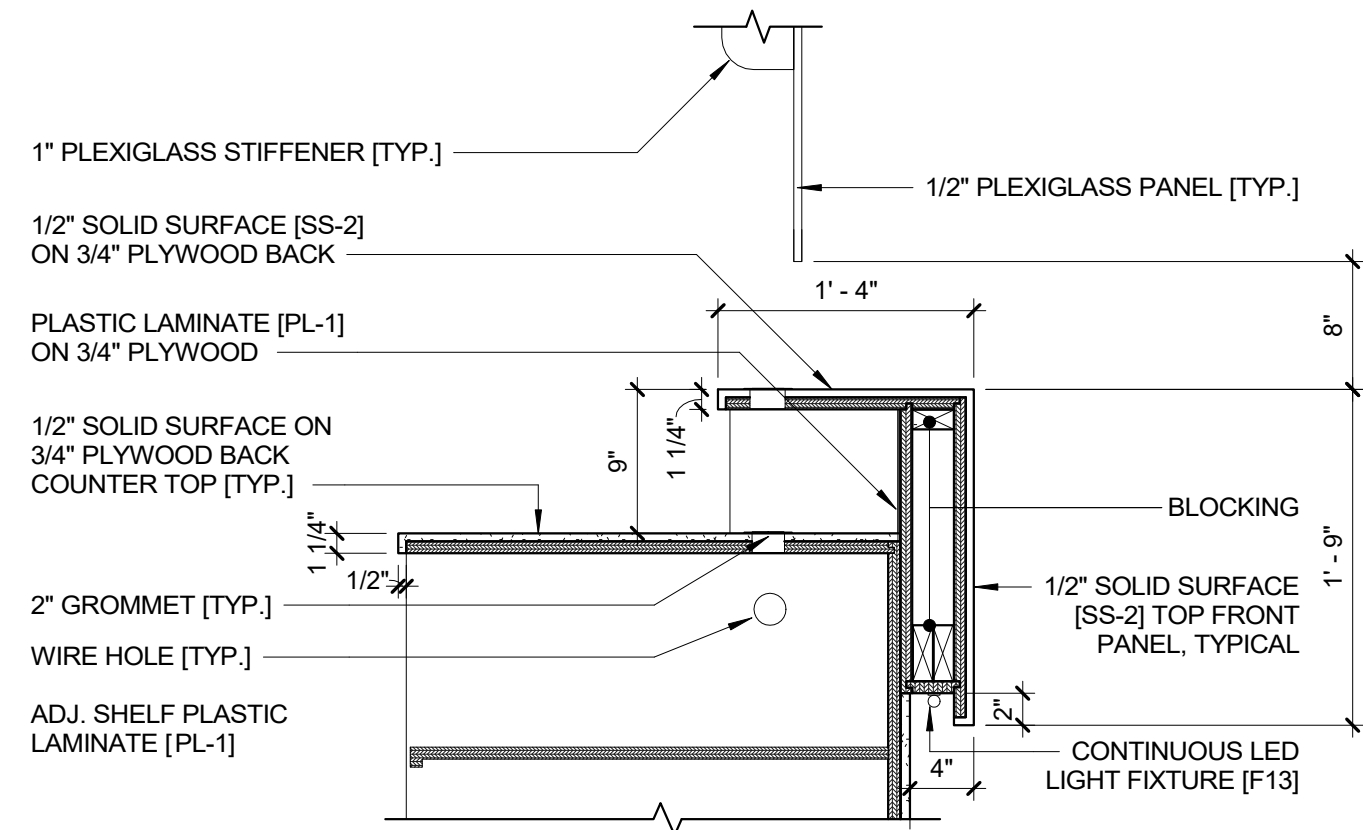


3 DLS - FURNITURE DESK SECTION DETAIL.
1" = 1'-0"



4 MILLWORL - FRONT DESK - 1 - PLEXI GLASS
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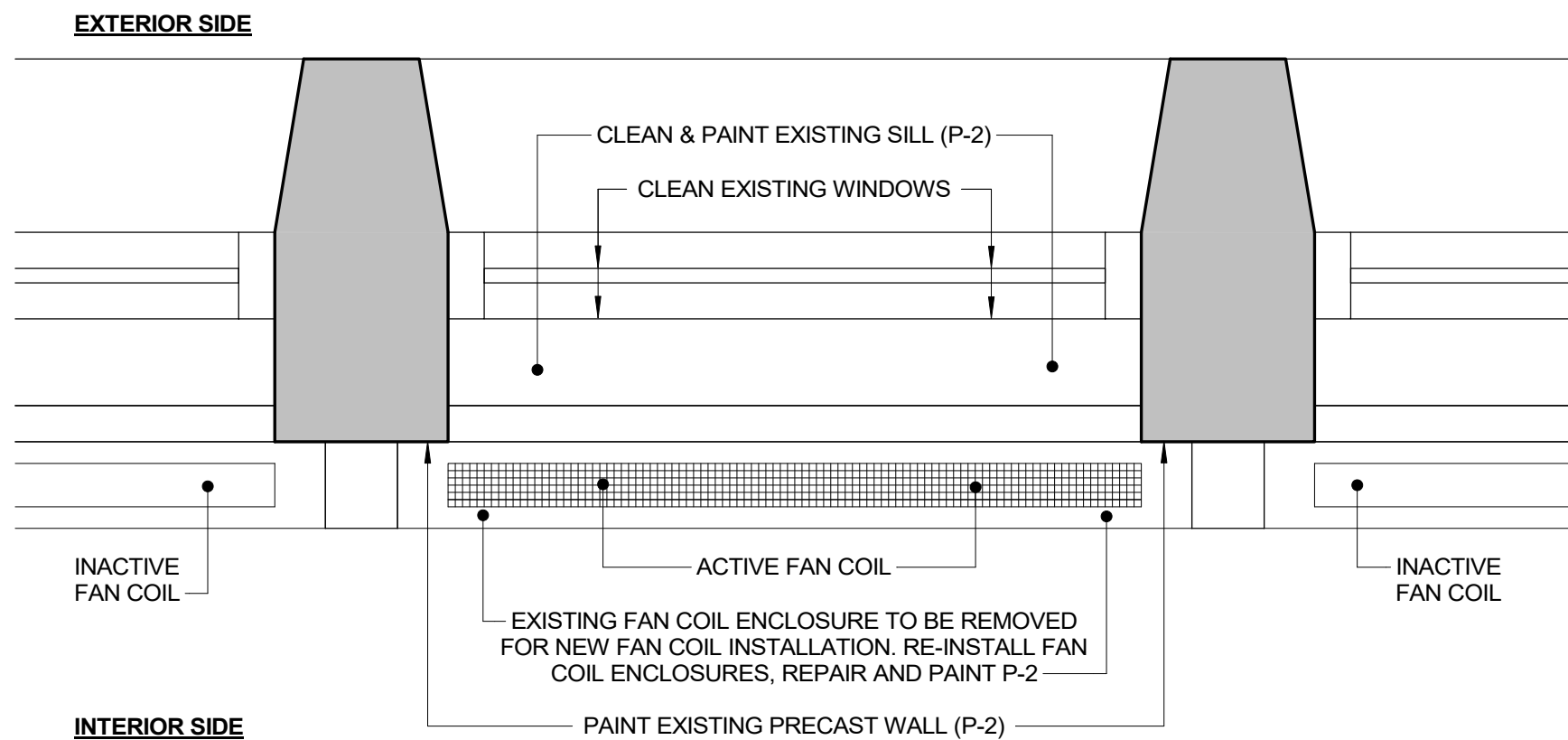
NOTE:
PRIOR TO FABRICATION, PROVIDE A FULL - SIZE FIELD
MOCK - UP, 8'-0" LONG, OF THE PLASTIC SHIELD.
DESIGN MAY BE REVISED BASED ON FIELD REVIEW.



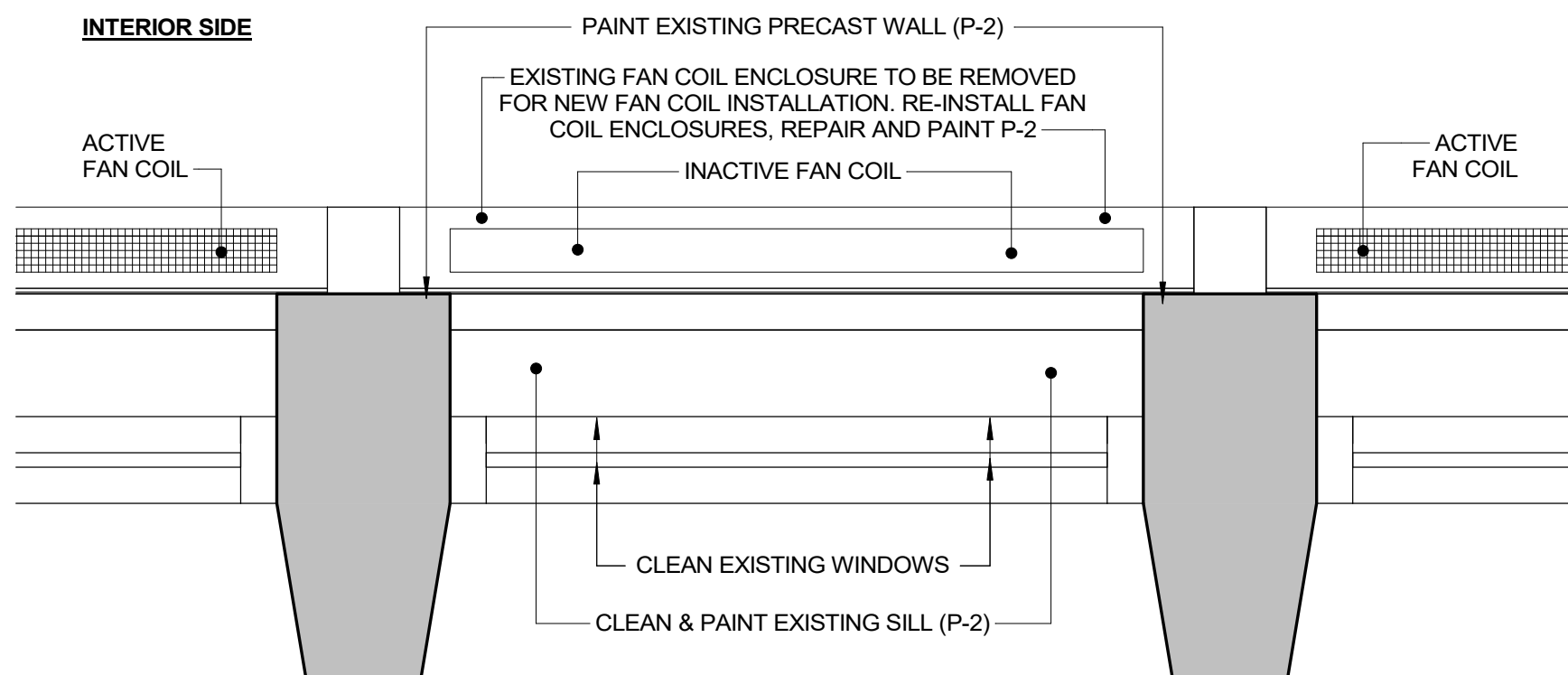
5 MILLWORK - FRONT DESK- 2 - PLEXI GLASS
1" = 1'-0"

NOTE: PRIOR TO FABRICATION PROVIDE A FULL SIZE FIELD MOCK-UP, 8' LONG, OF THE PLASTIC SHIELD.
DESIGN MAY BE REVISED BASED ON FIELD REVIEW.

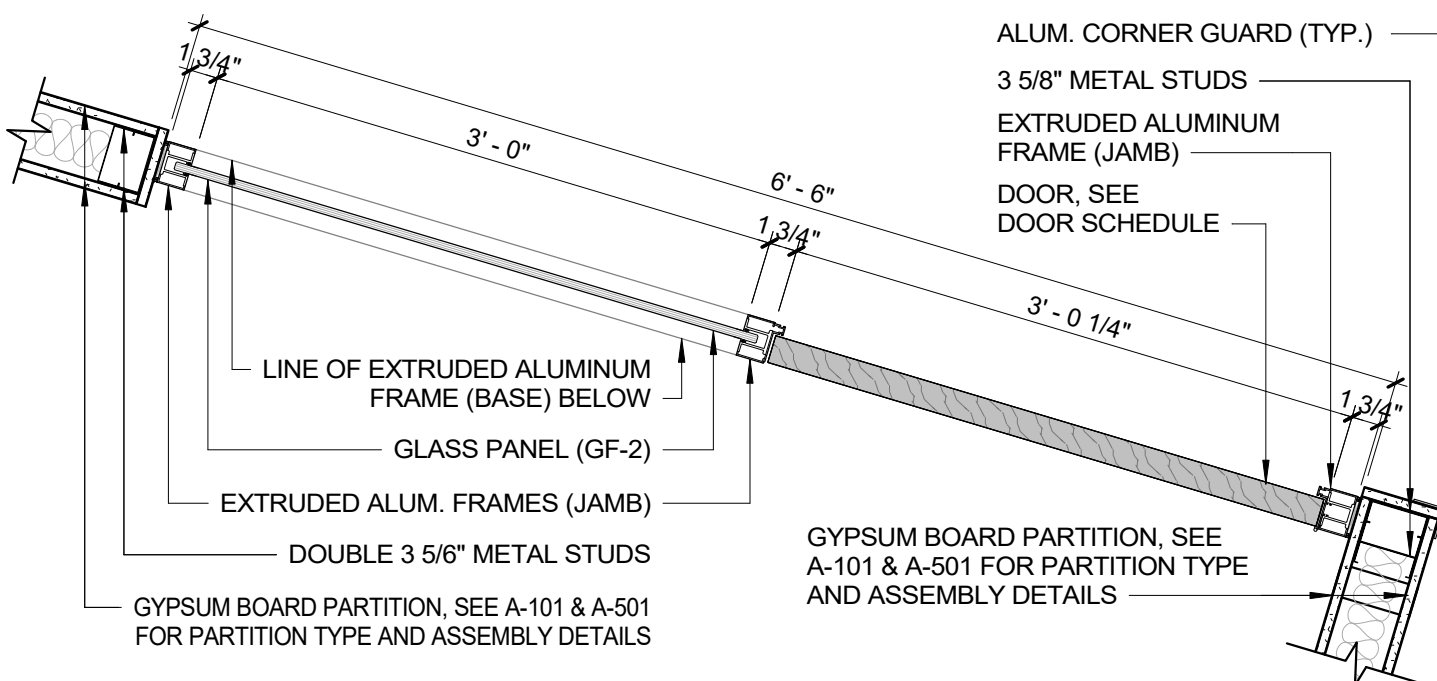
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<div>CONTRACTOR</div> <div>NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____</div>		<div>CONTRACTOR</div> <div>NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____</div>																										
<div>WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION</div>		<div>CONTRACT NUMBER 19-514</div>	<div>SHEET NUMBER A-411</div>																									
<div>DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK</div>		<div>SHEET NO. 90 OF 106</div>	<div>SCALE: 1" = 1'-0" DATE: May 20, 2021 Issue Date DPW FILE NO. 52-01-A-534 REV NO. 0</div>																									
<div>FURNITURE & MILLWORK DETAILS</div>																												



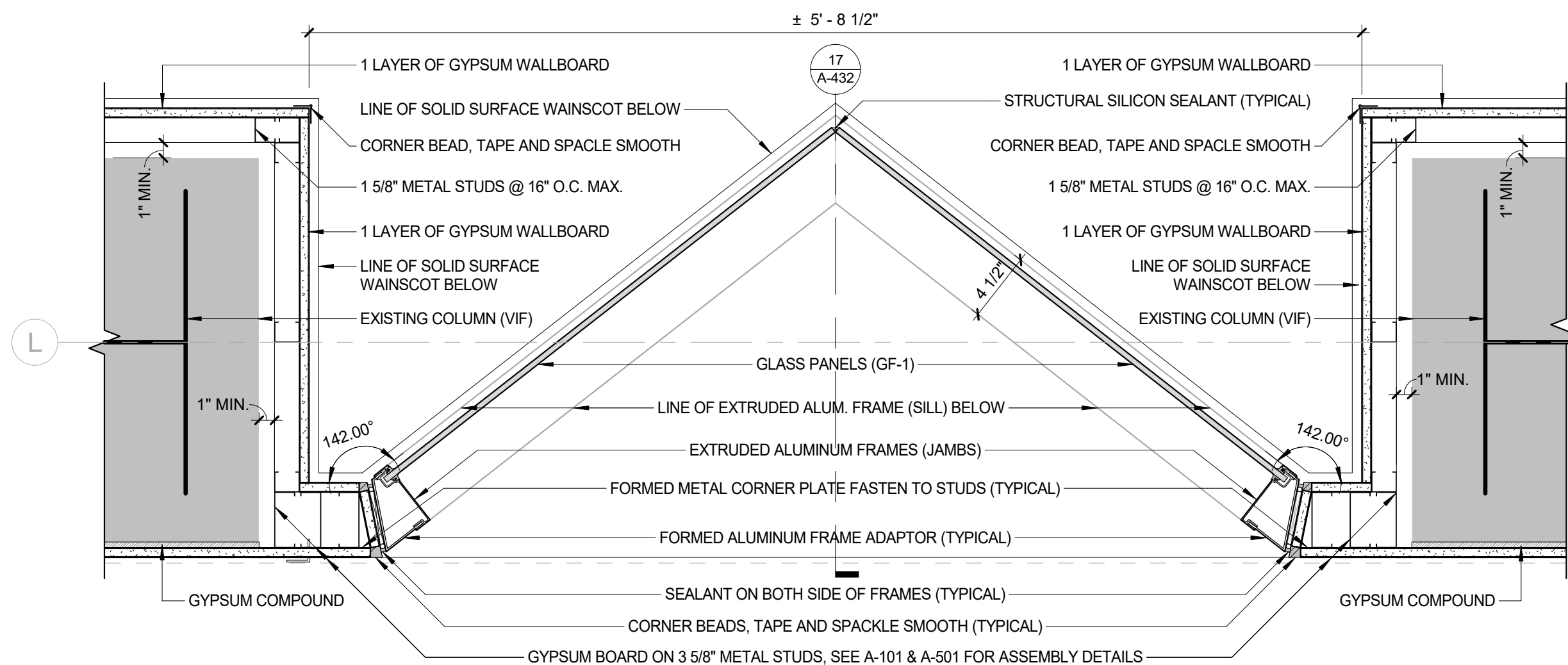
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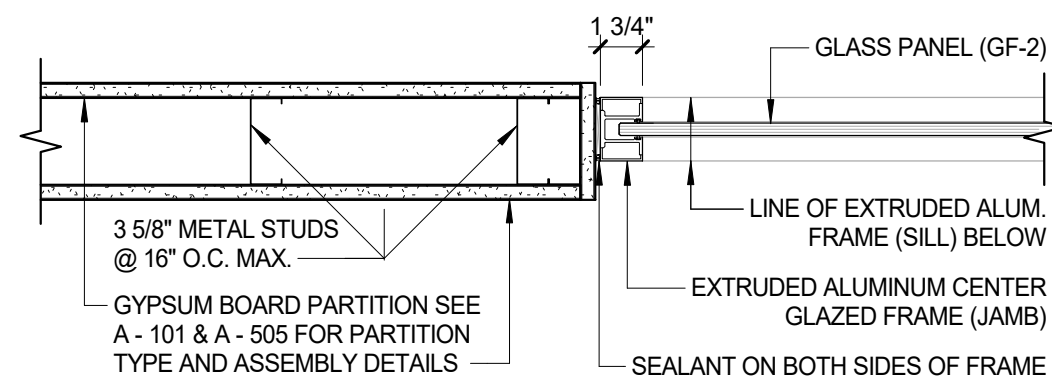
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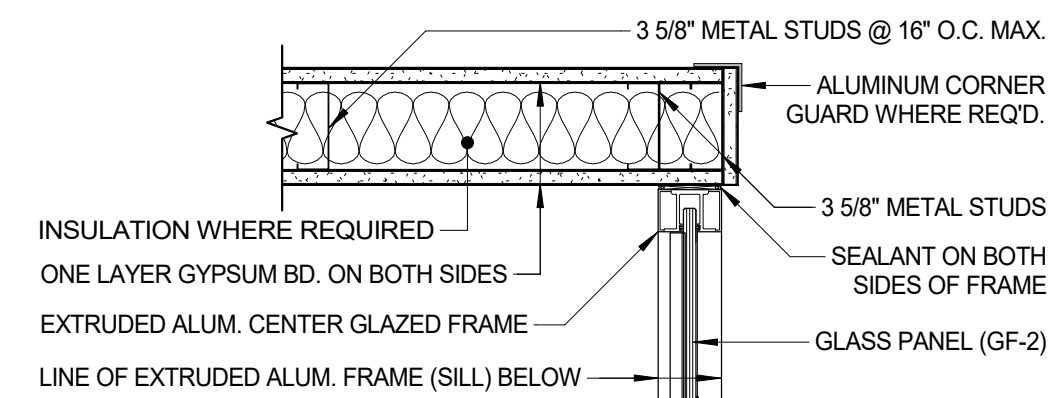
3 PLAN DETAIL - TYP. STOREFRONT @ OFFICES
1" = 1'-0"



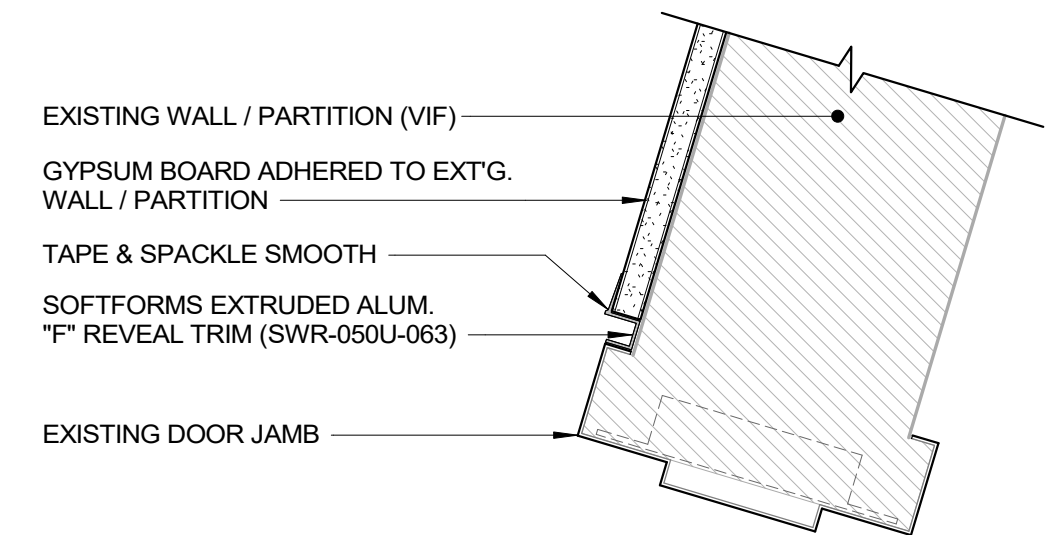
4 STORE FRONT - ANGLE WALL
1 1/2" = 1'-0"



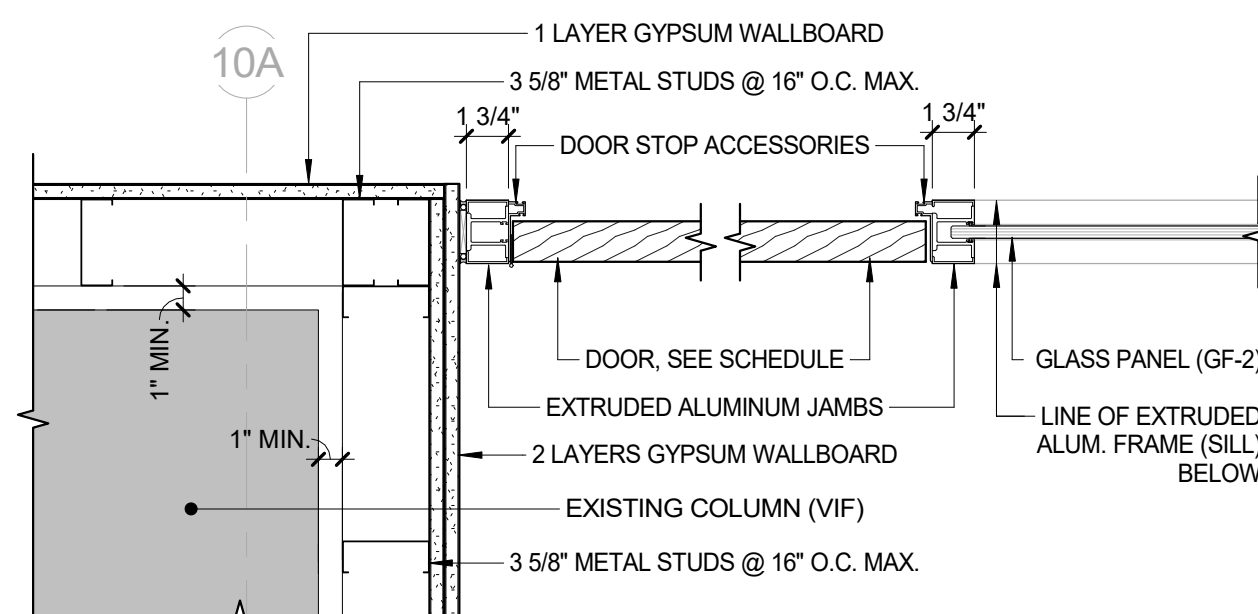
5 PLAN DETAIL - TYP. STORE FRONT
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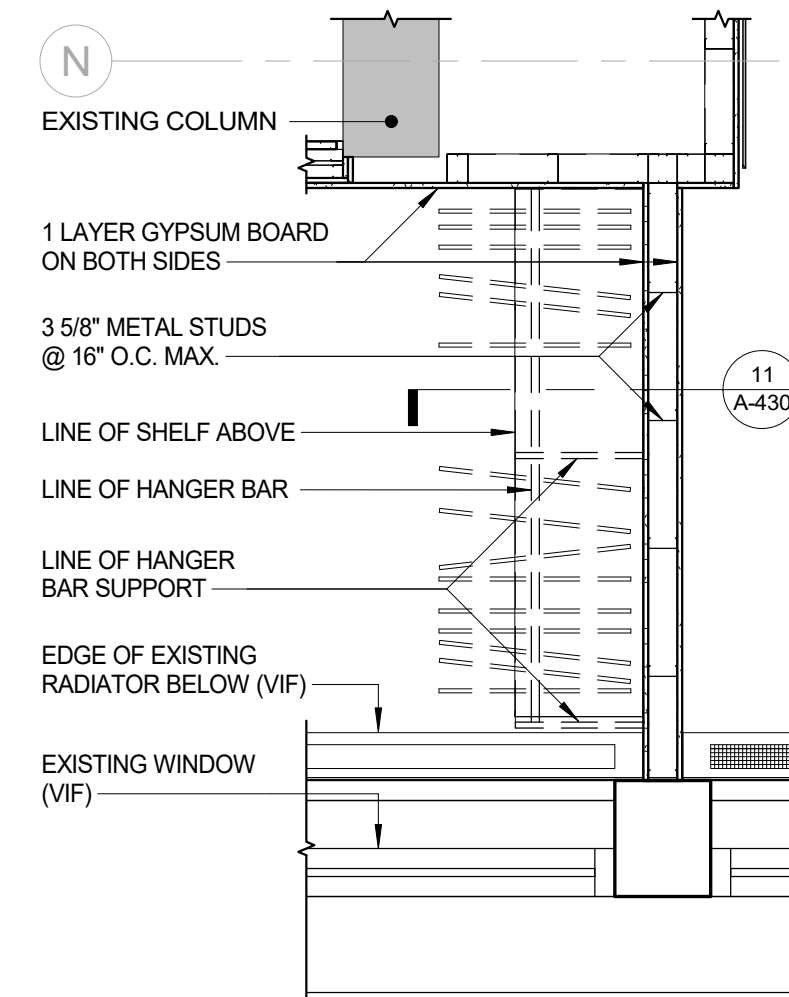
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1 1/2" = 1'-0"



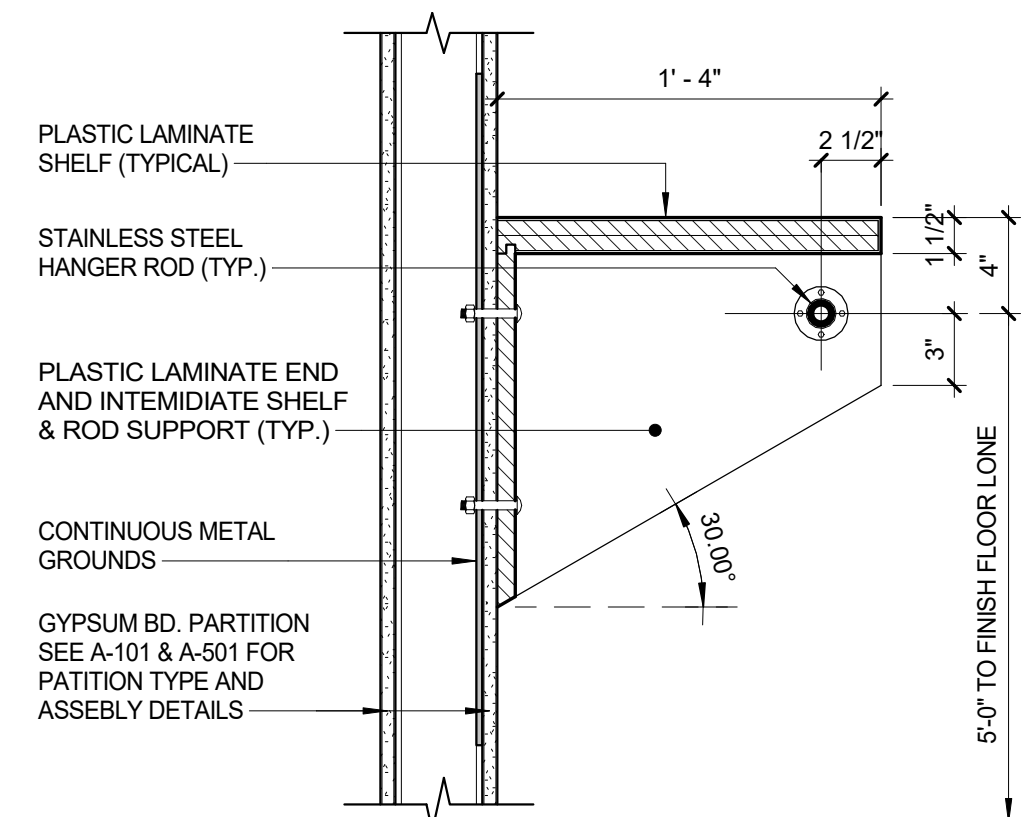
7 GYP. BD. ON EXT'G. WALL DETAIL
3" = 1'-0"



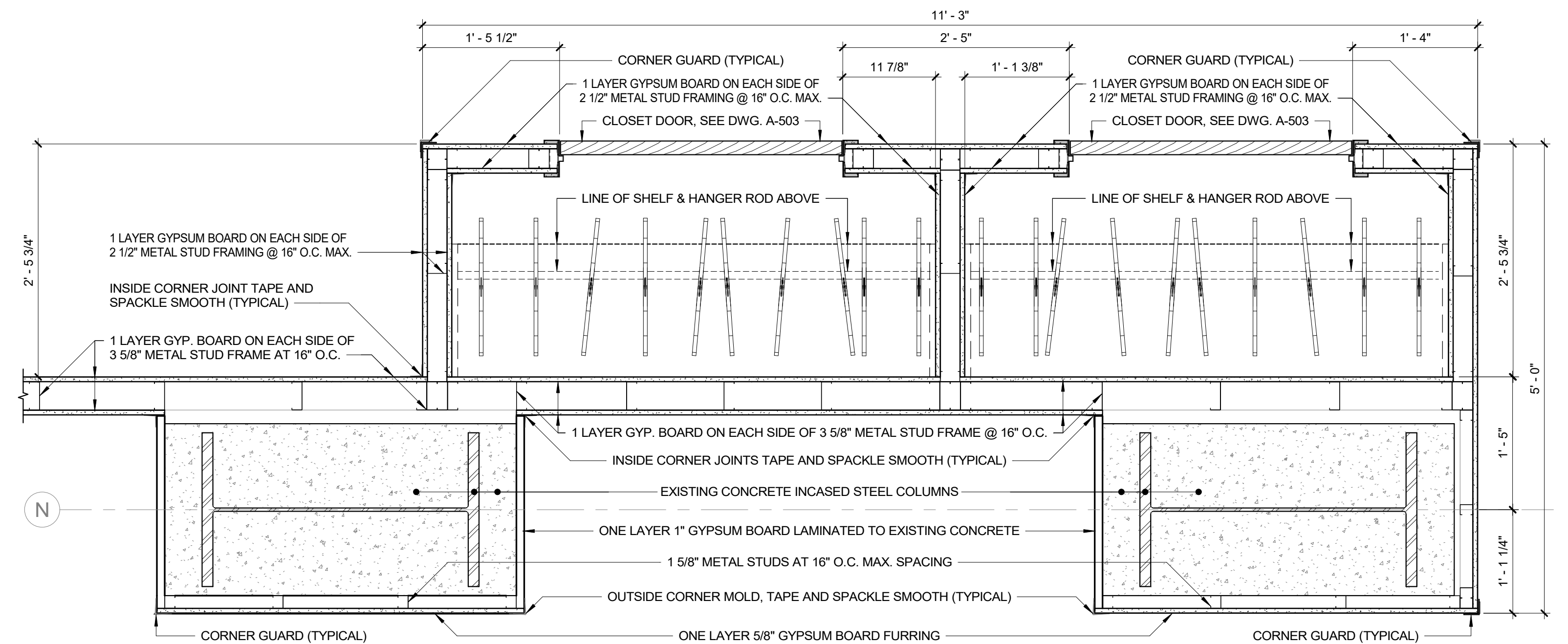
8 OFFICE GLASS FRONT - DOOR OPENING
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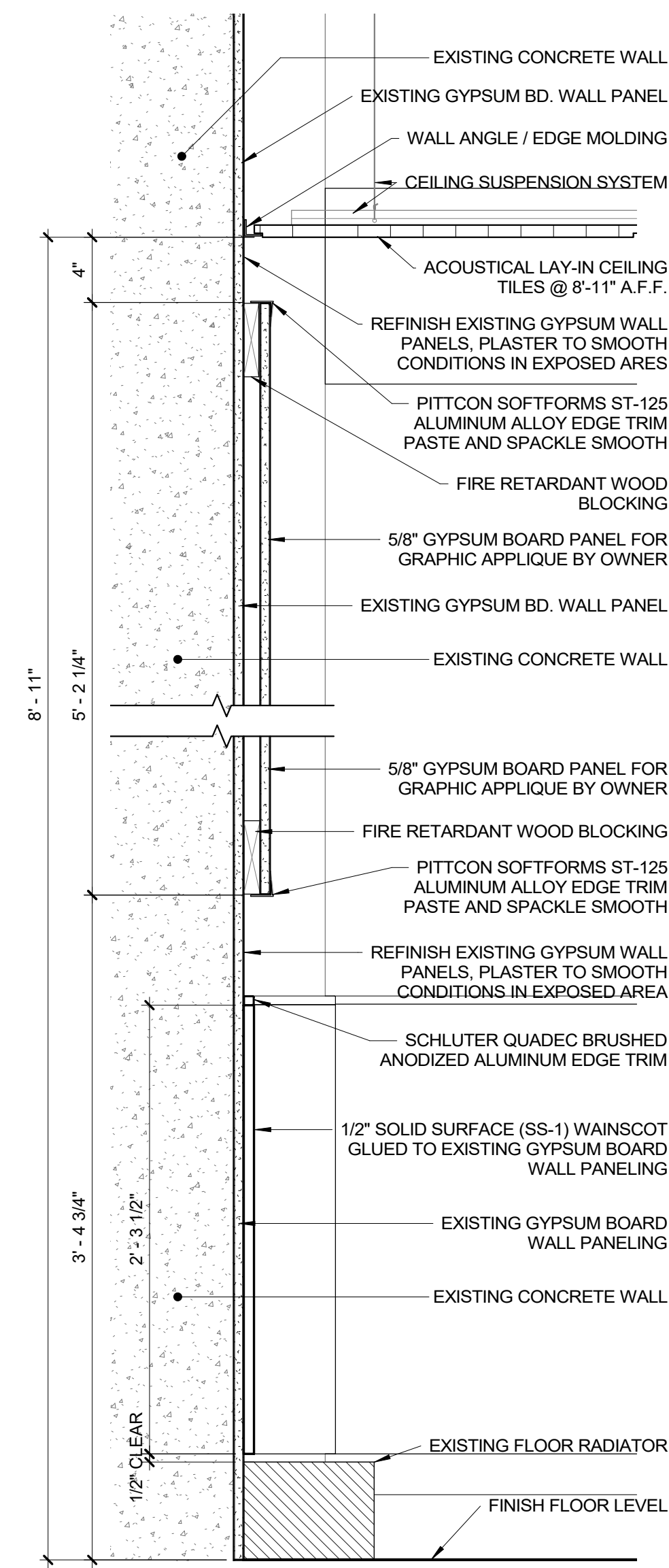
10 PLAN DETAIL - COAT CLO.
1/2" = 1'-0"



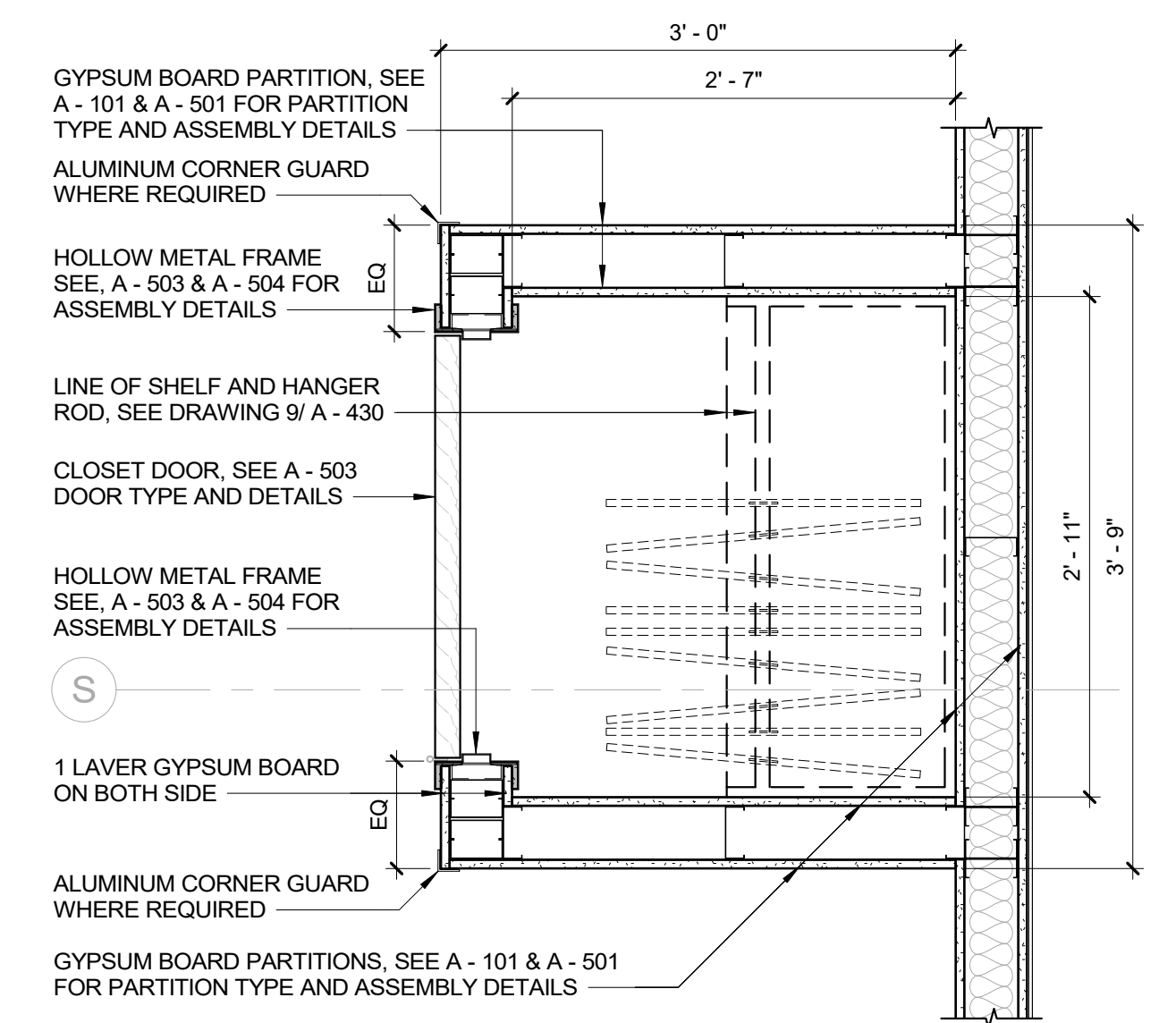
11 TYP. COAT HANGER DETAIL
1 1/2" = 1'-0"



9 PLAN DETAIL - COAT CLOSET @ DPS
1" = 1'-0"

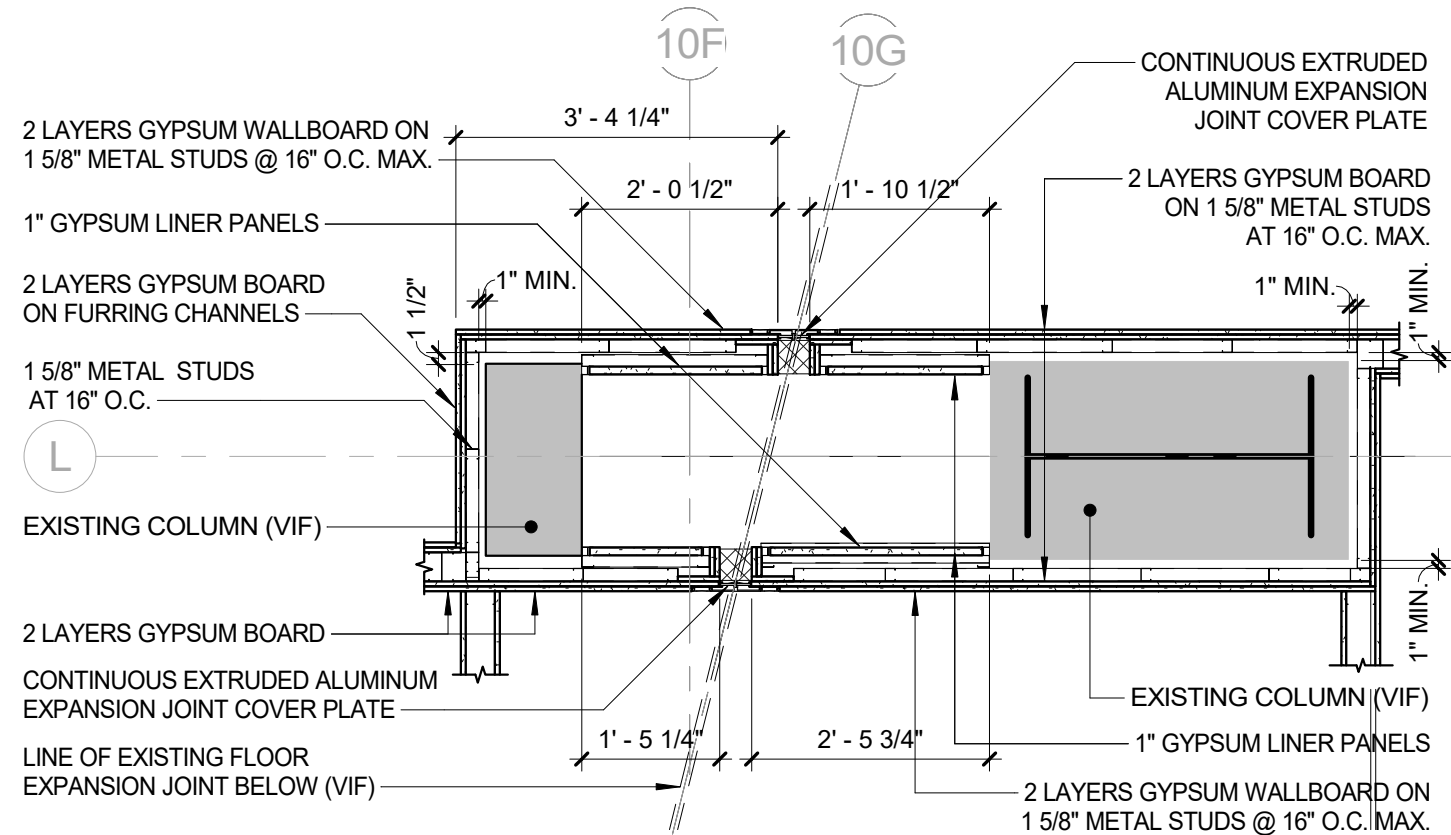


12 WALL DETAIL W/ GRAPHIC PANEL
1 1/2" = 1'-0"

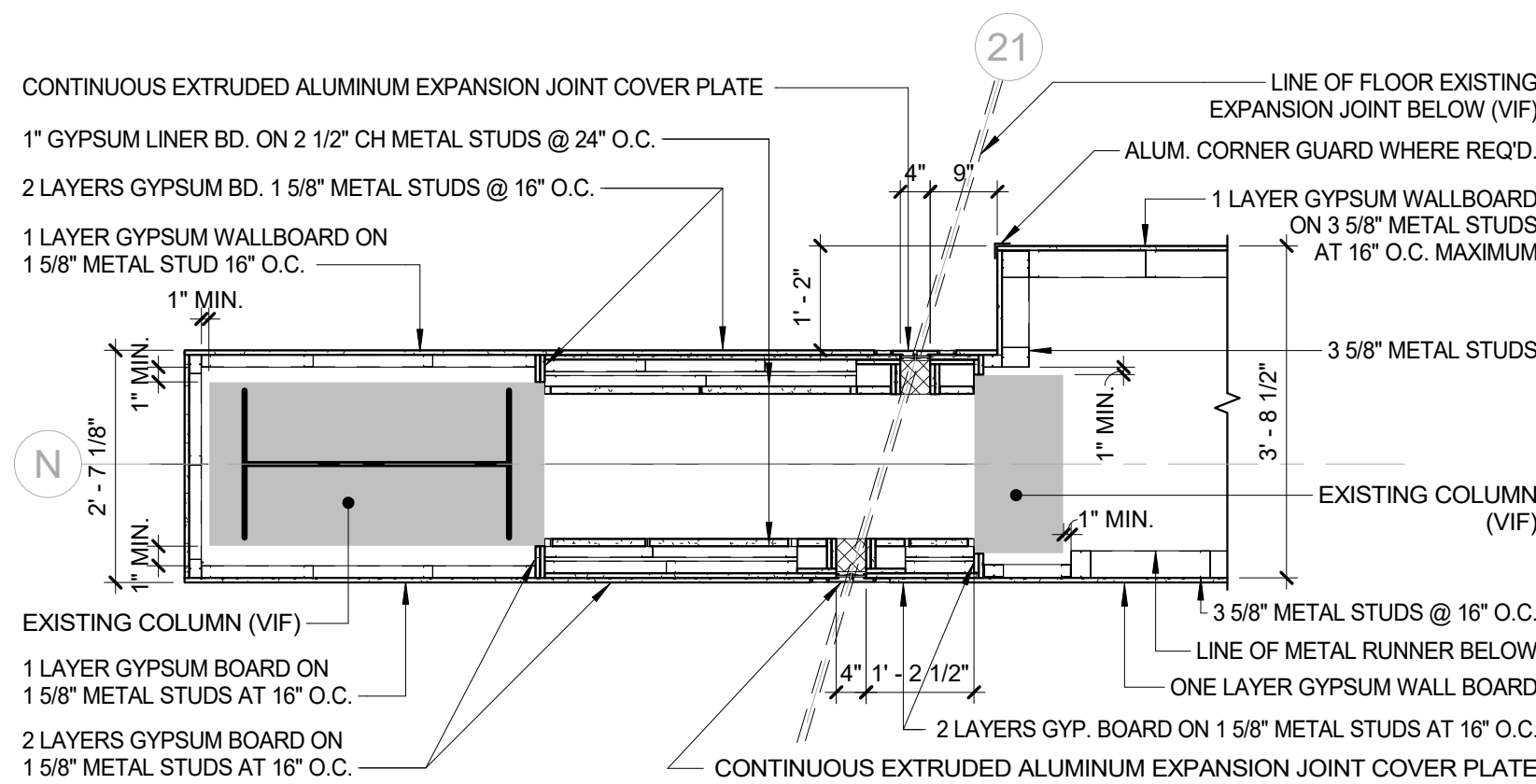


13 PLAN DETAIL - COAT CLO. (DOF)
1" = 1'-0"

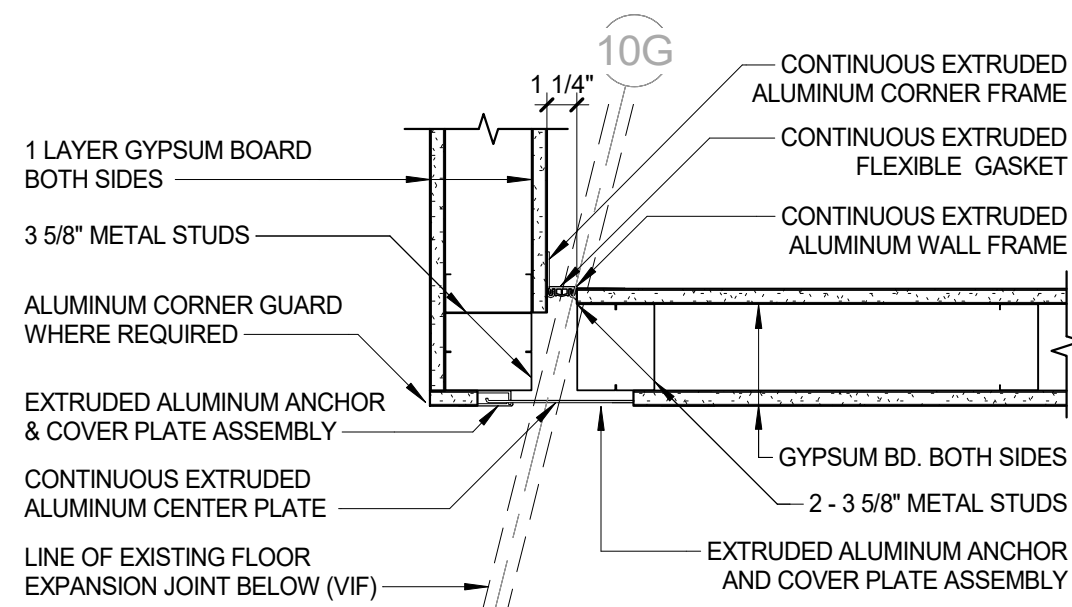
CONSULTANT SEAL		CONSULTANT INFORMATION	
		Graff & Lewent Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION		REVISION	
DATE		DATE	
MADE BY		APP'D BY	
REVISION NUMBER		REVISION	
RECORD DRAWING CERTIFICATION			
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CONTRACTOR		CONTRACTOR	
NAME: _____		NAME: _____	
SIGNATURE: _____		SIGNATURE: _____	
TITLE: _____		TITLE: _____	
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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 91 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: As indicated	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021 Issue Date	
WHITE PLAINS, NEW YORK		REV NO. 0	
DETAILS		52-01-A-535	



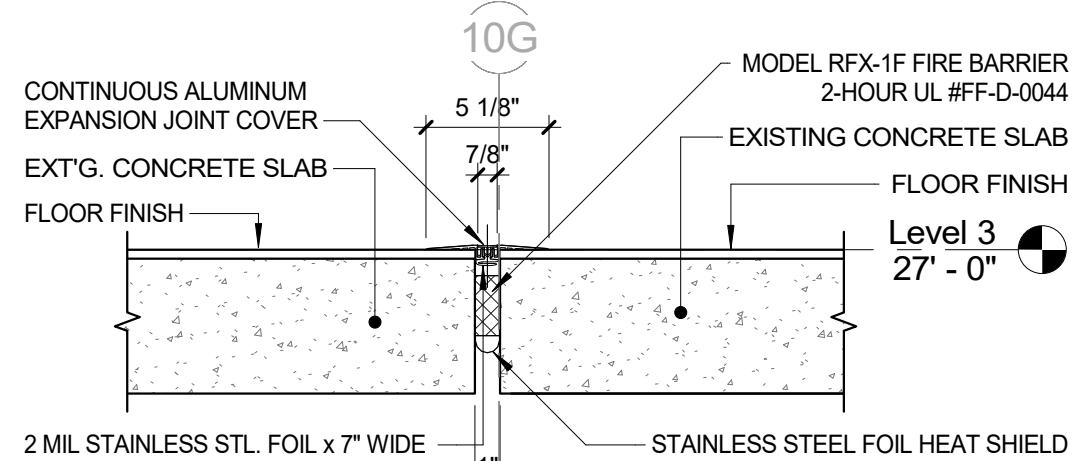
1 EXPANSION JOINT - NW OF WEST WING
1 1/2" = 1'-0"



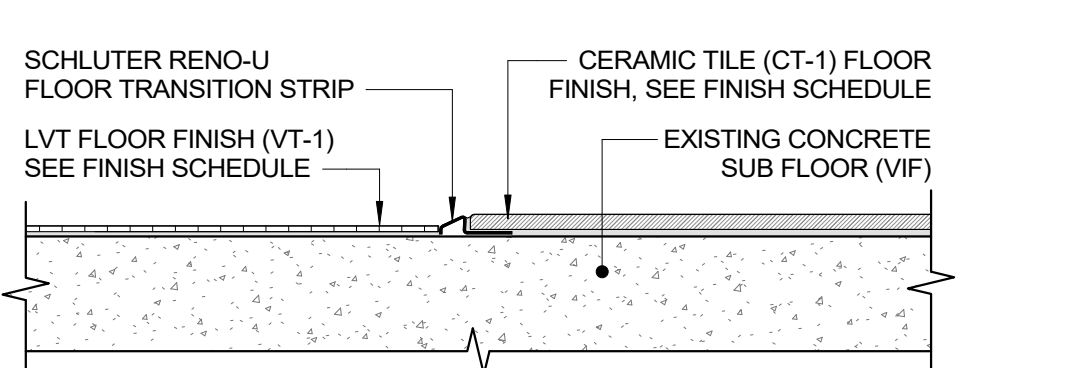
2 EXPANSION JOINT - NE OF WEST WING
1 1/2" = 1'-0"



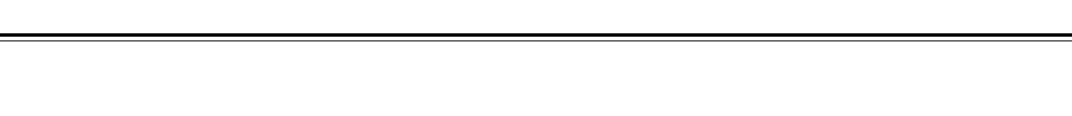
3 EXPANSION JOINT - SE OF WEST WING
1 1/2" = 1'-0"



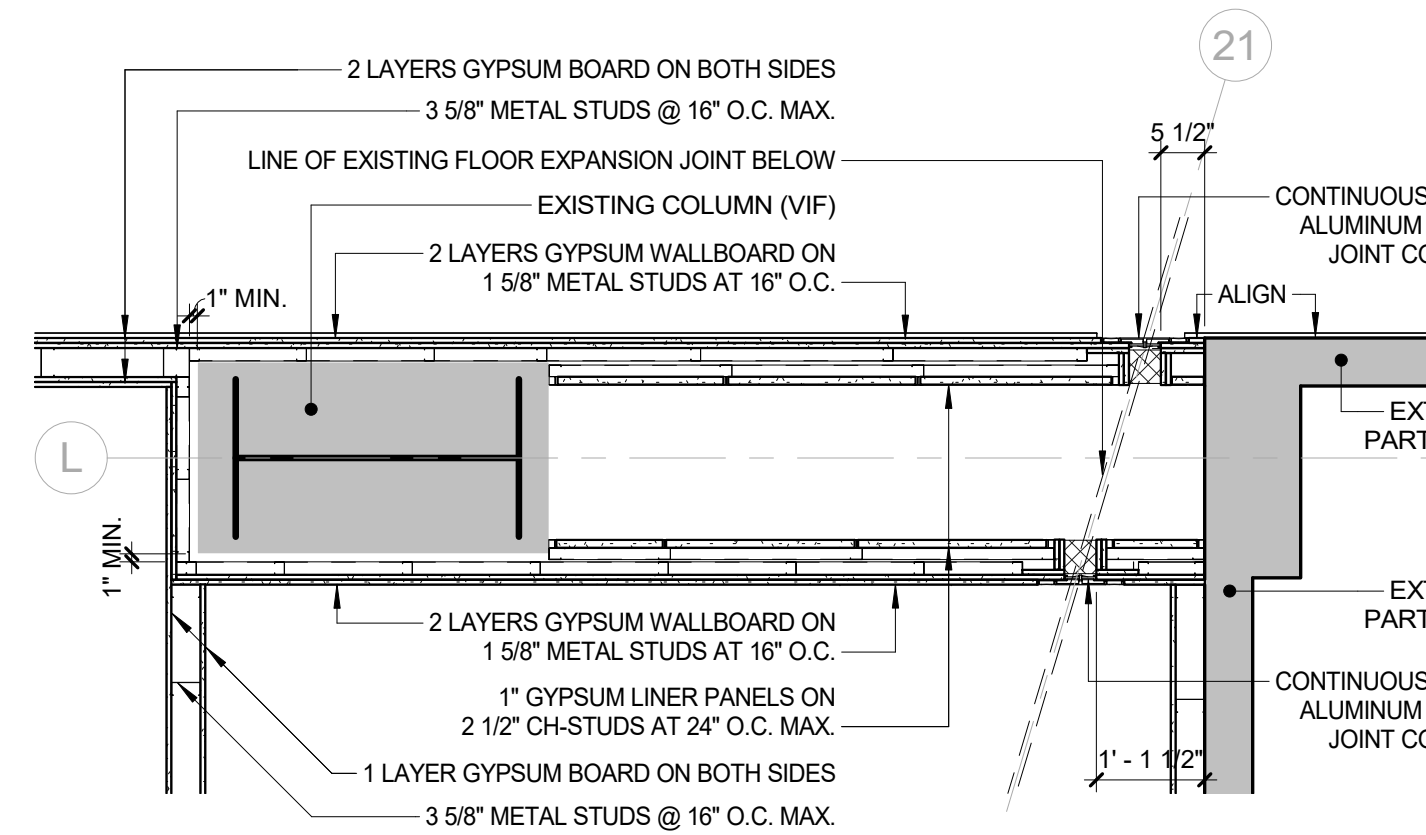
4 EXPANSION JOINT - WALL CORNER
1 1/2" = 1'-0"



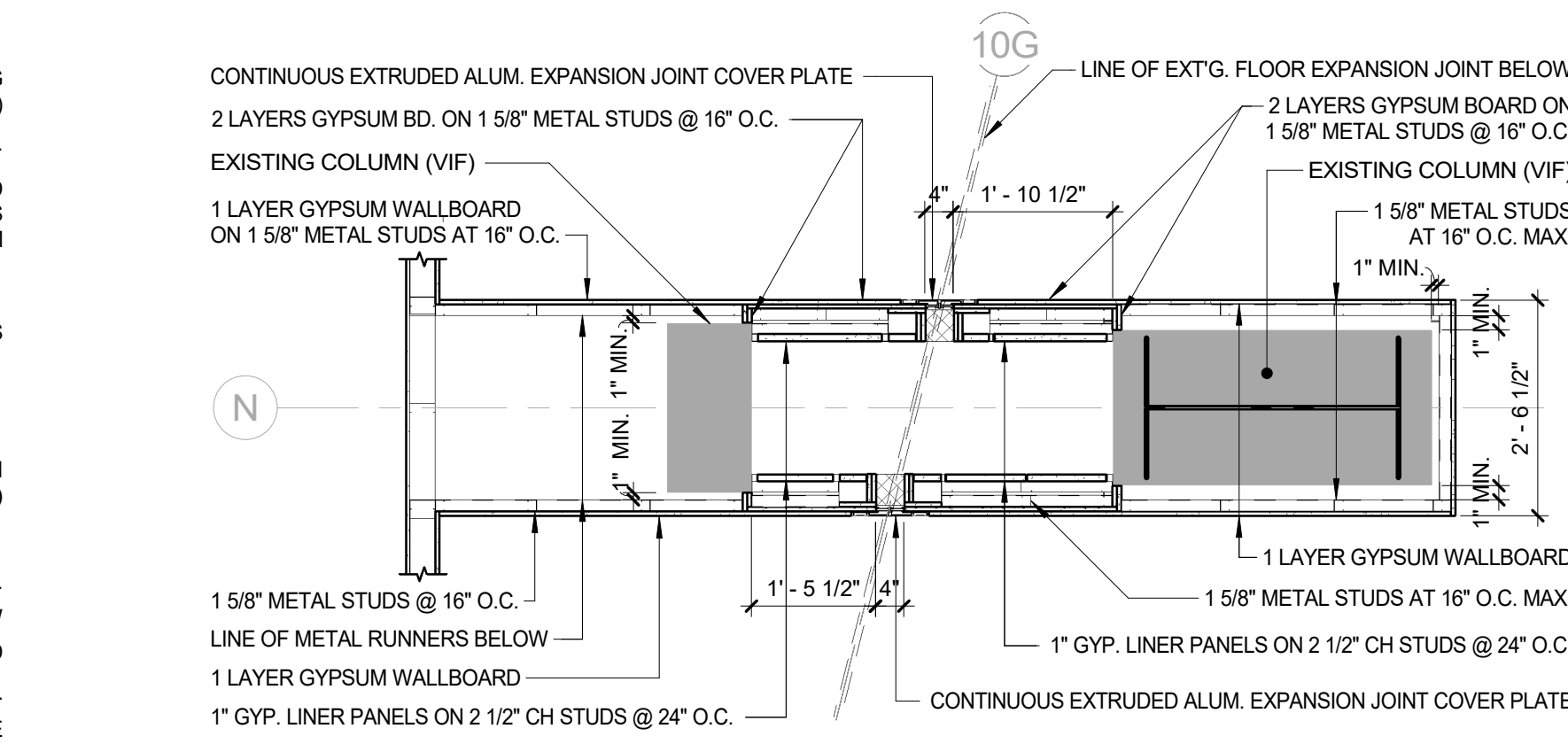
5 EDGE DETAIL ON TILED WALLS
3" = 1'-0"



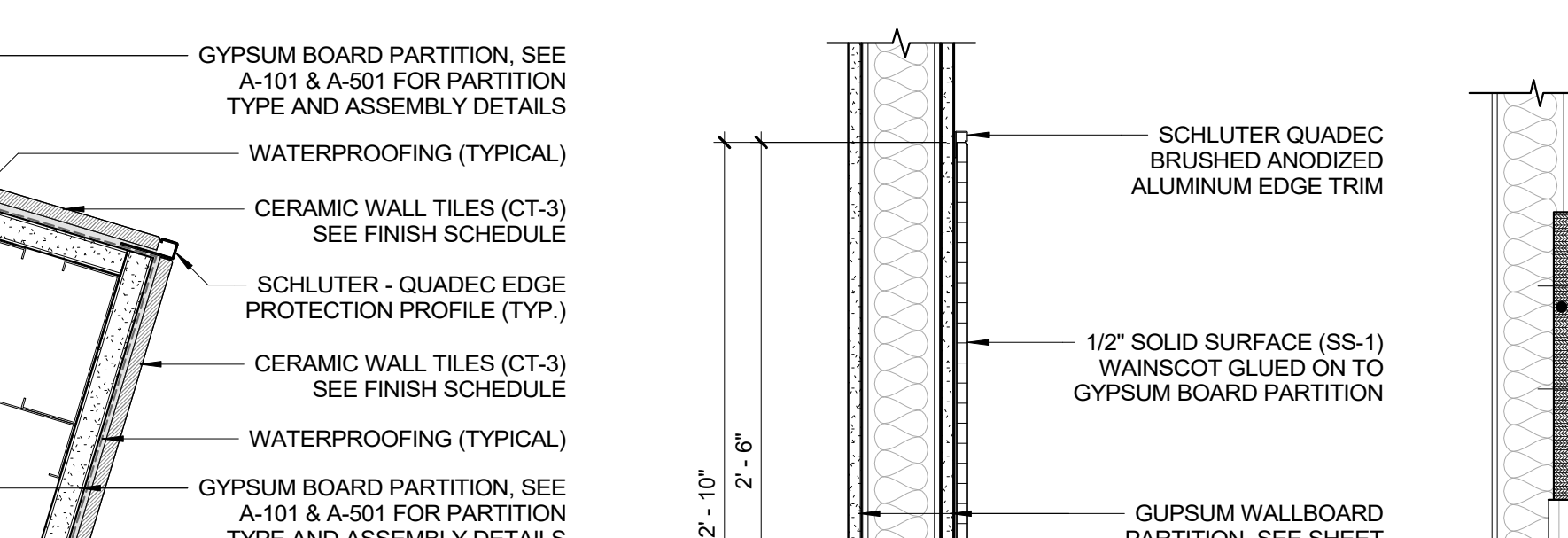
6 FLOOR FINISH TRANSITION
3" = 1'-0"



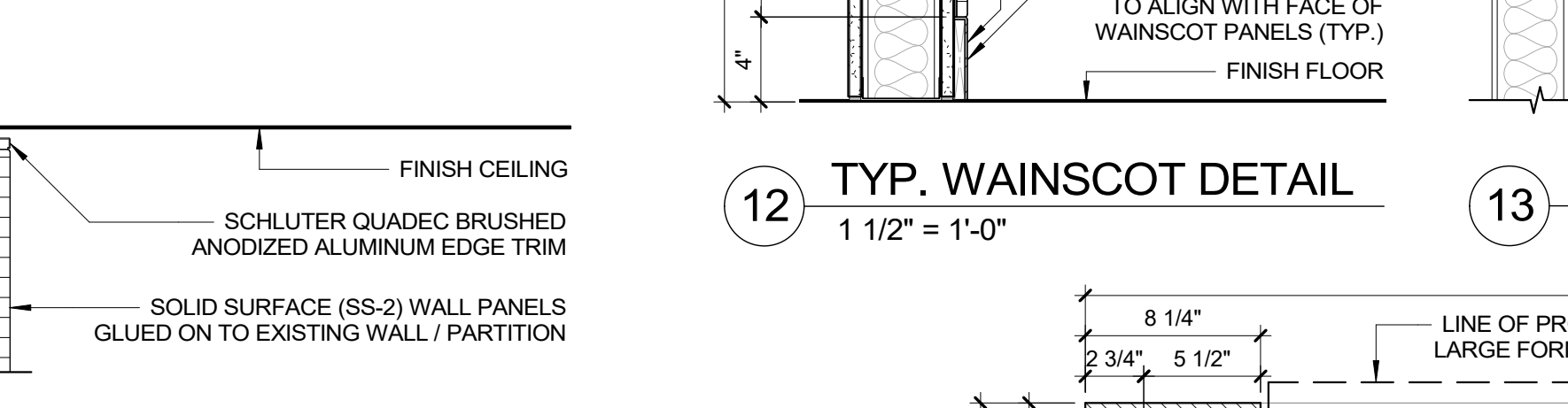
7 EXPANSION JOINT - NW OF WEST WING
1 1/2" = 1'-0"



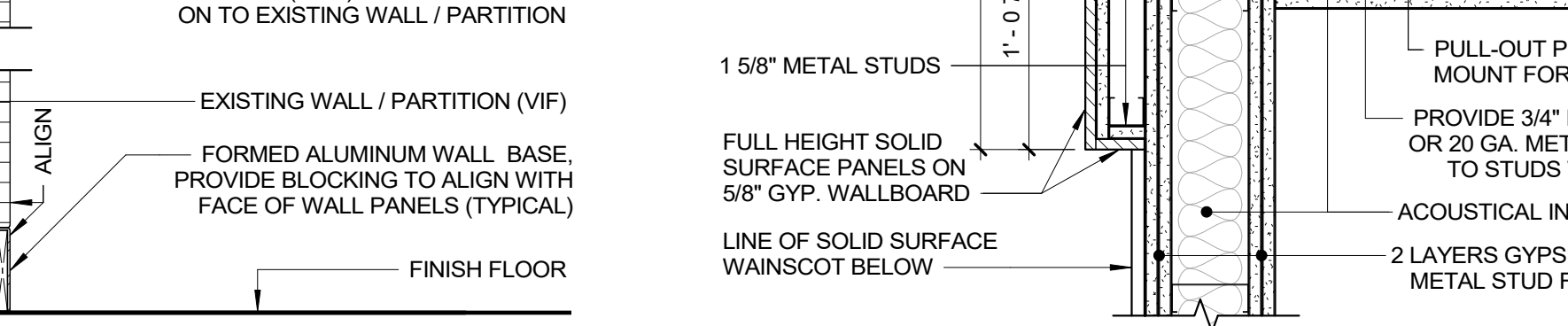
8 EXPANSION JOINT - NE OF WEST WING
1 1/2" = 1'-0"



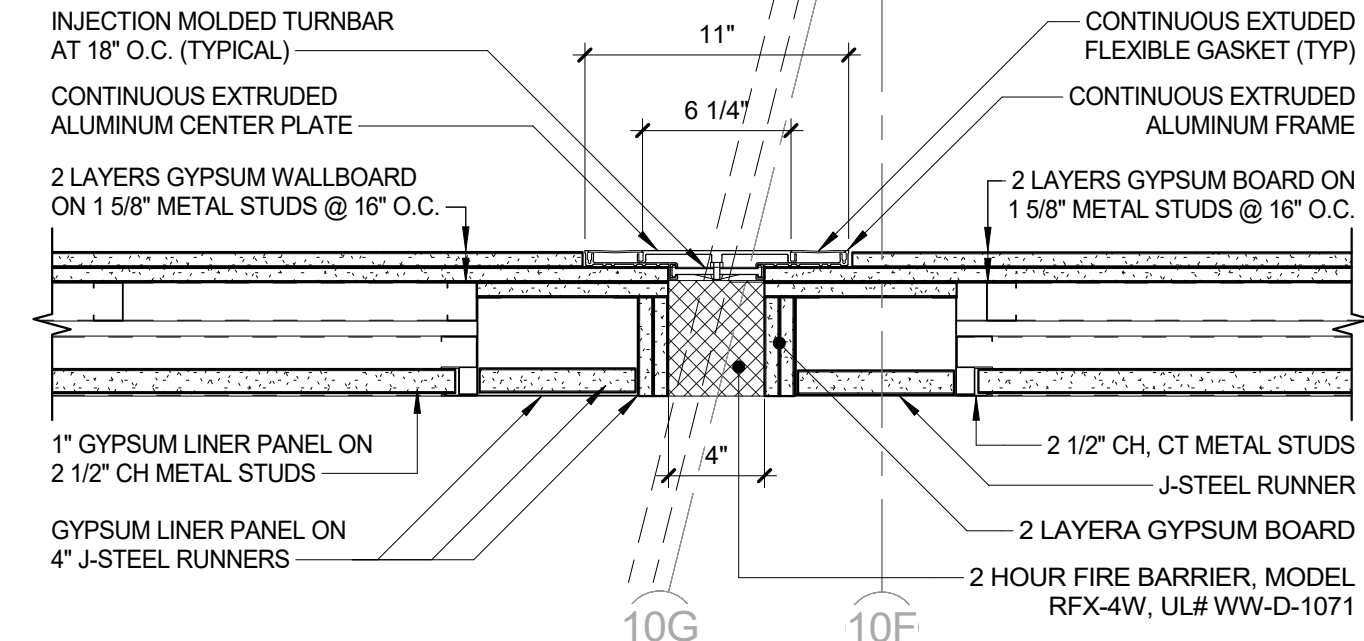
9 EXPANSION JOINT - WALL CORNER
1 1/2" = 1'-0"



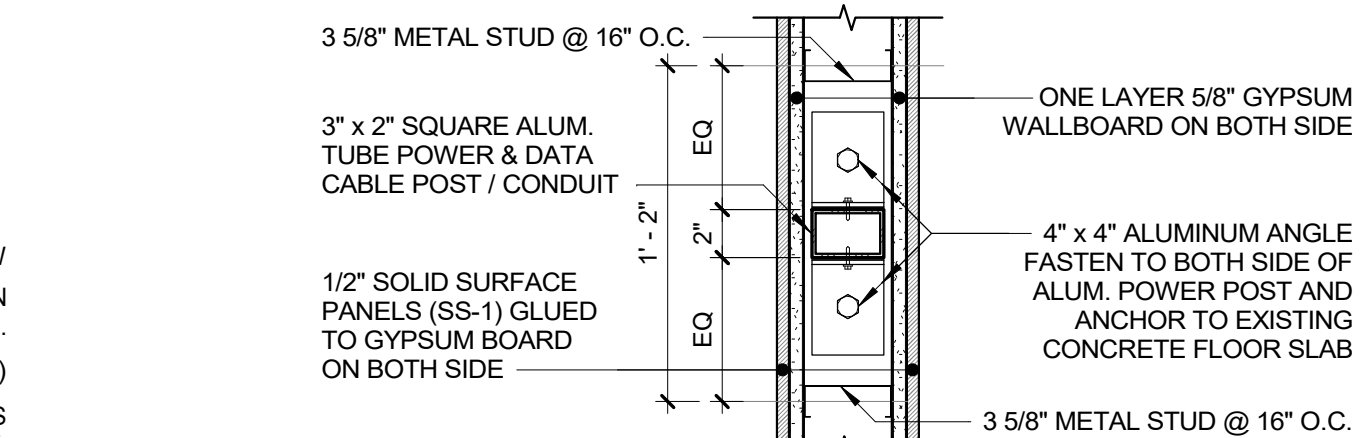
10 EDGE DETAIL ON TILED WALLS
3" = 1'-0"



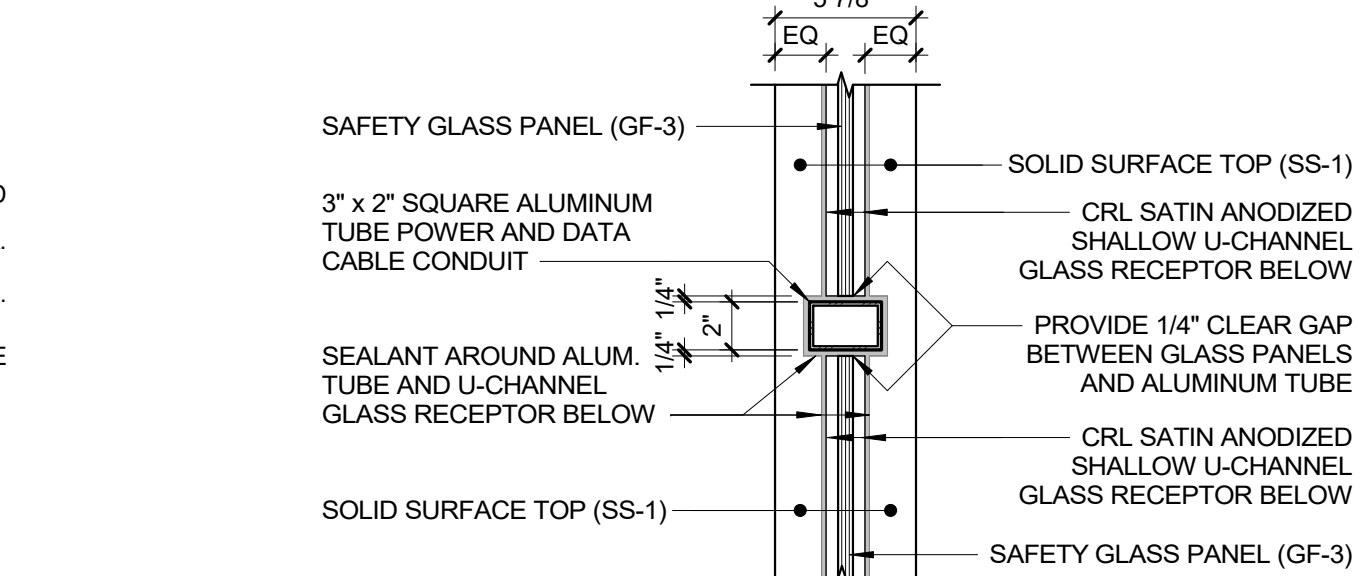
11 FLOOR FINISH TRANSITION
3" = 1'-0"



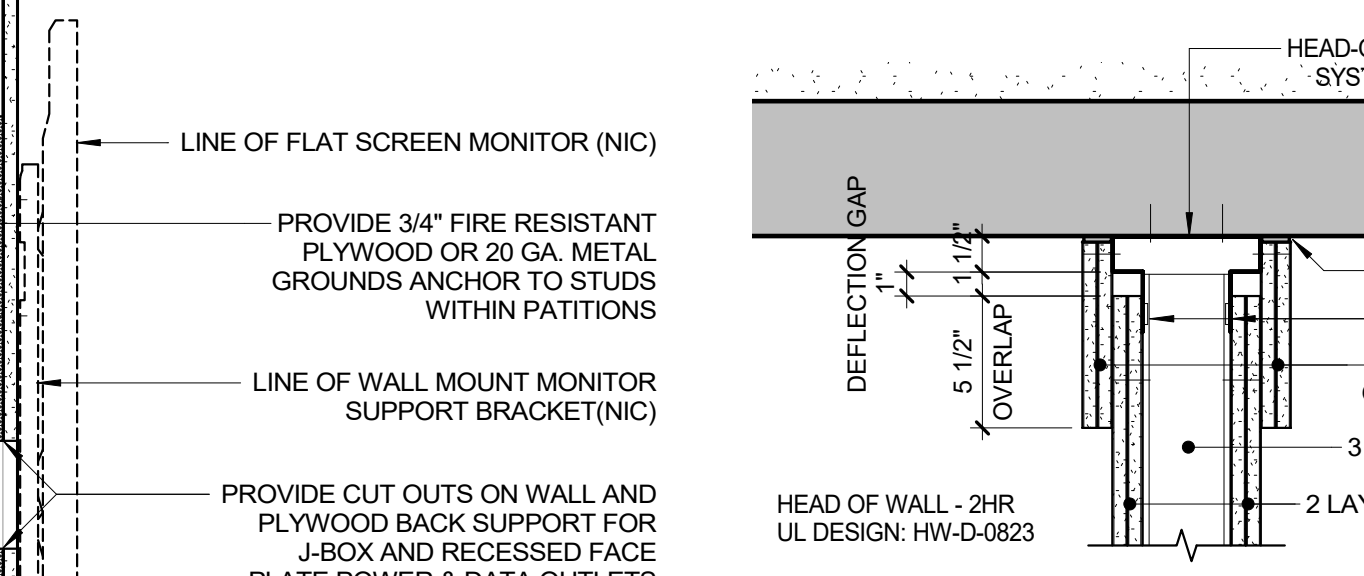
12 EXPANSION JOINT - WALL
1 1/2" = 1'-0"



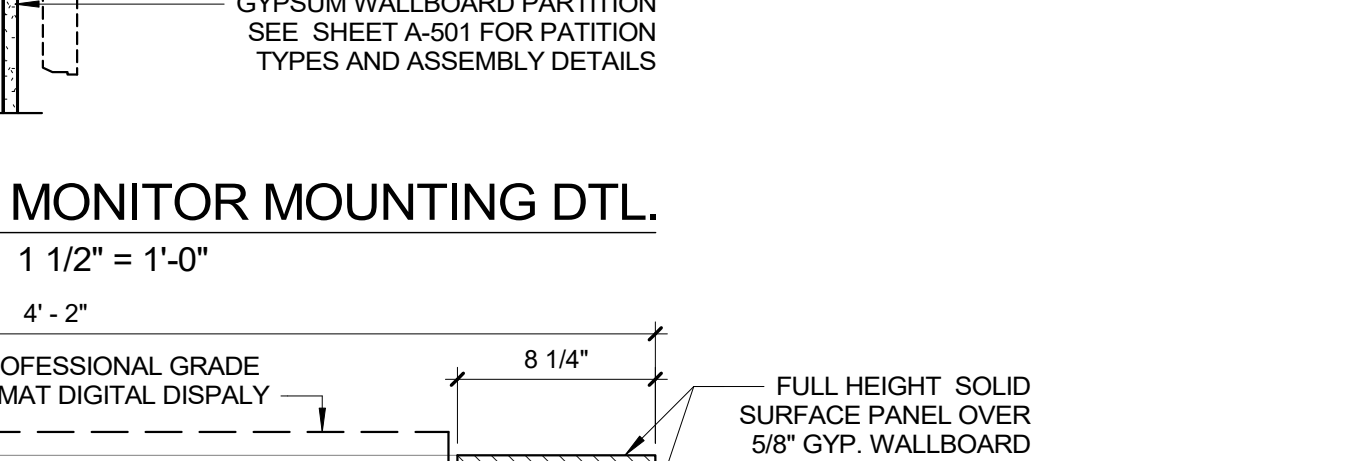
13 POWER & DATA POLE BASE DETAIL
1 1/2" = 1'-0"



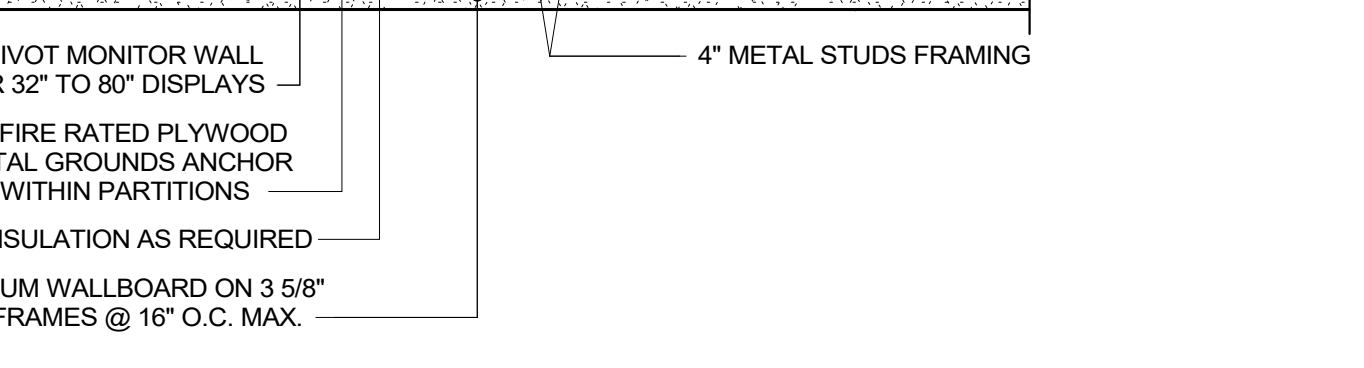
14 PLAN DETAIL - POWER & DATA POLE
1 1/2" = 1'-0"



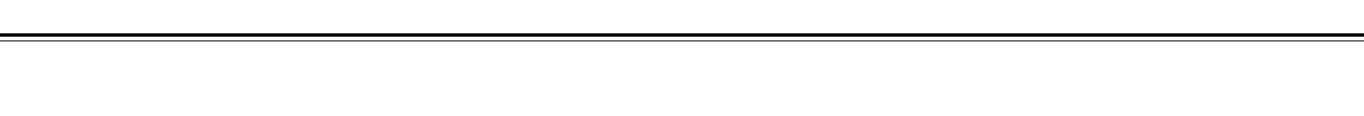
15 2 HR RATED DEFLECTION TRACK
1 1/2" = 1'-0"



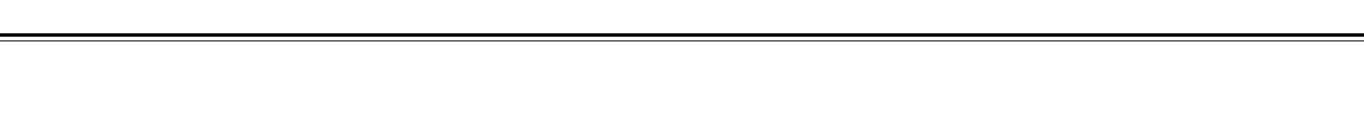
16 DETAIL SECTION - COVE BASE
3" = 1'-0"



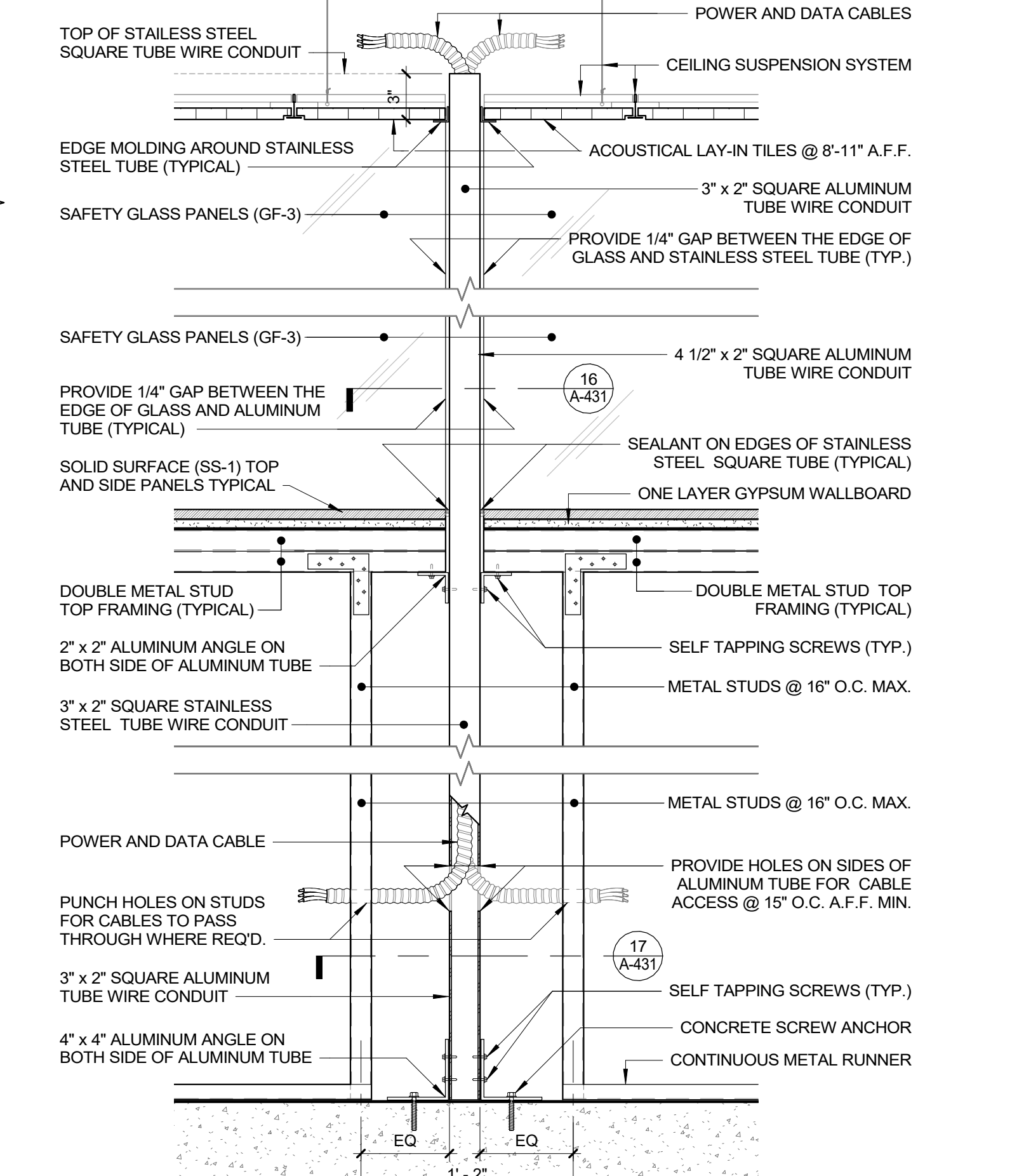
17 TYP. WAINSCOT DETAIL
1 1/2" = 1'-0"



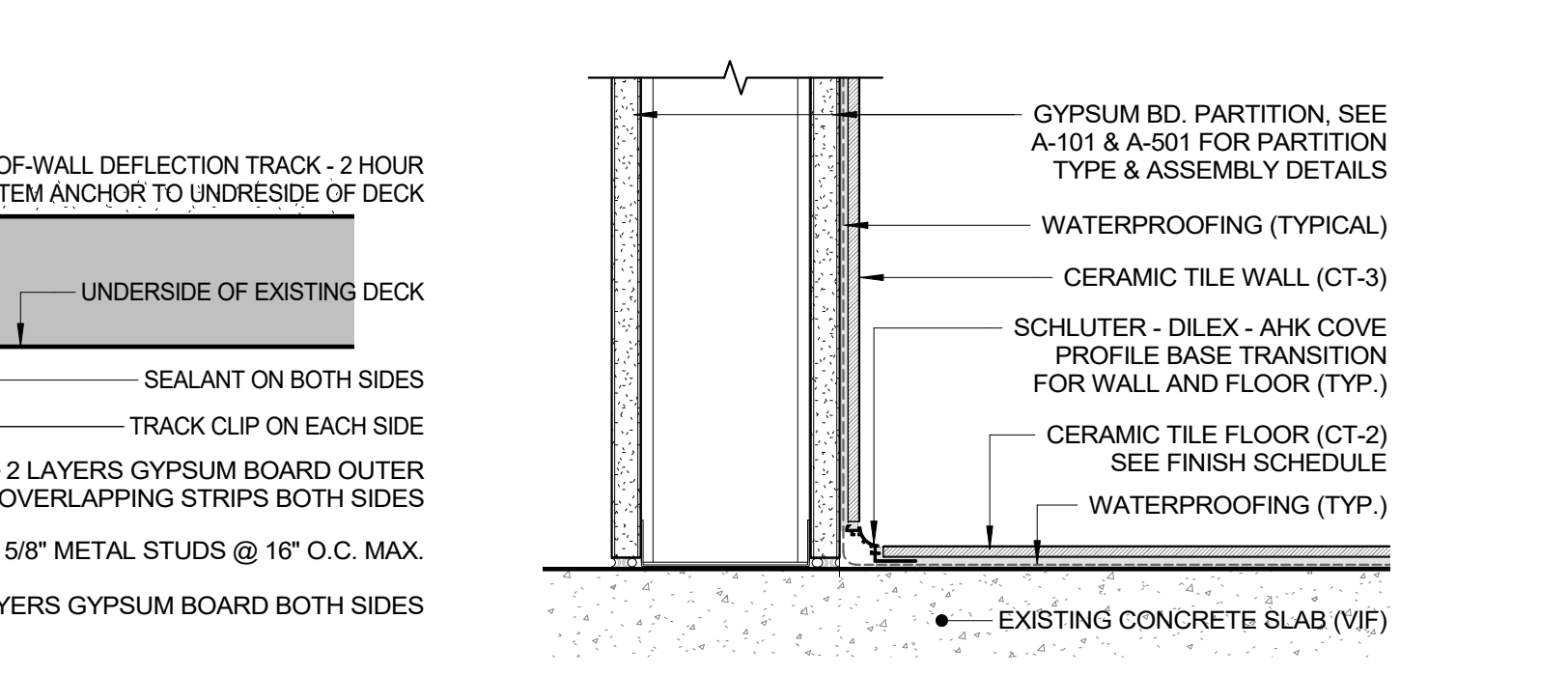
18 MONITOR MOUNTING DTL.
1 1/2" = 1'-0"



19 PLAN DETAIL - DIGITAL DIRECTORY WALL
1 1/2" = 1'-0"

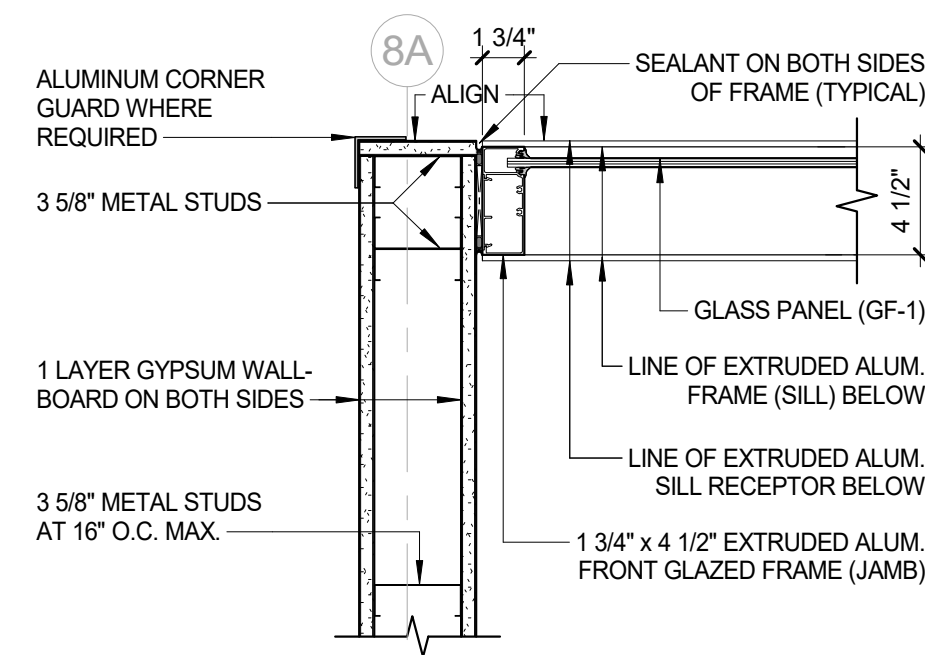


20 DETAIL SECTION - POWER & DATA POLE
1 1/2" = 1'-0"

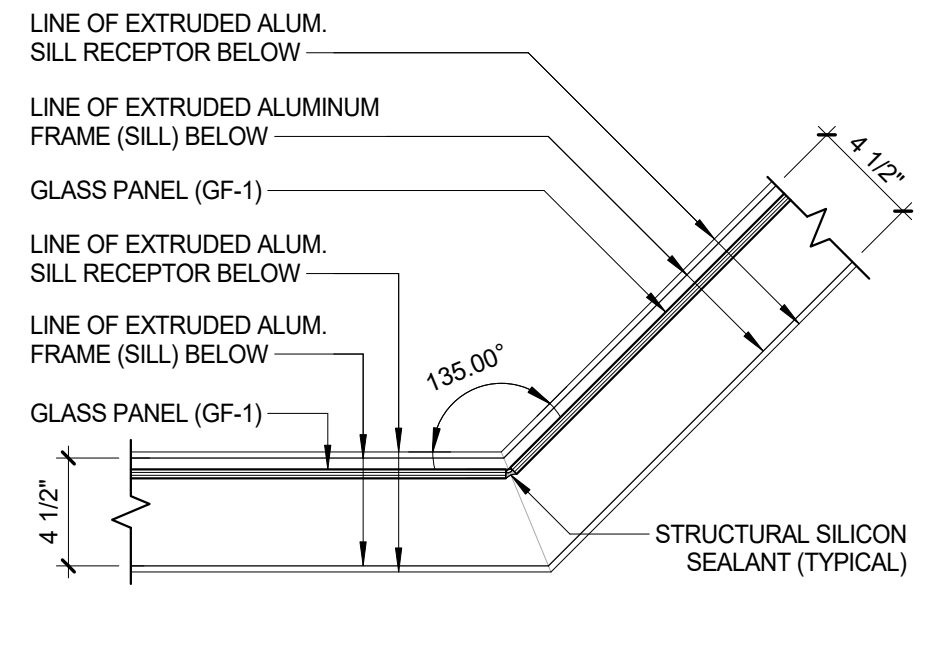


21 DETAIL SECTION - COVE BASE
3" = 1'-0"

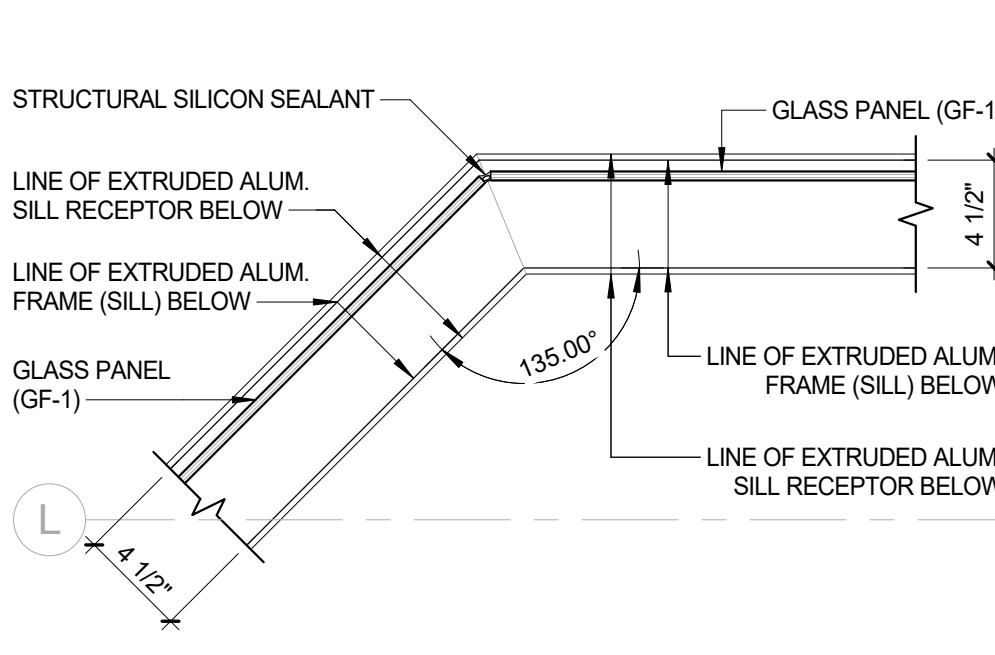
CONSULTANT SEAL		CONSULTANT INFORMATION	
		Graf & Lewent Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
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CONTRACTOR		CONTRACTOR	
NAME:	SIGNATURE:	NAME:	SIGNATURE:
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER A-431
DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: DATE: May 20, 2021	As indicated Issue Date
DETAILS		DPW FILE NO. 52-01-A-536	REV NO. 0



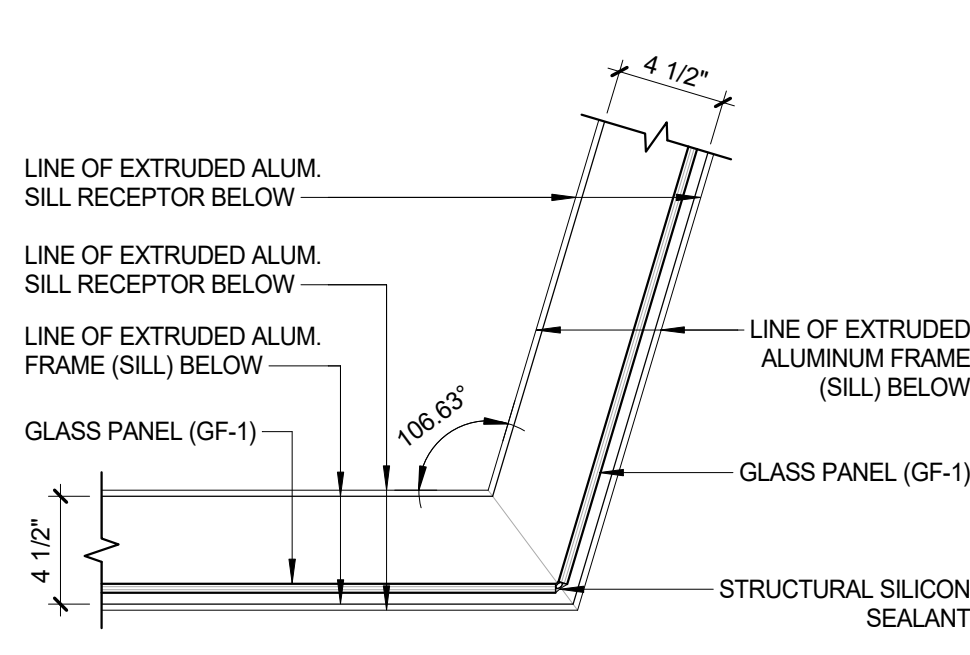
1 STORE FRONT - TO SIDE WALL
1 1/2" = 1'-0"



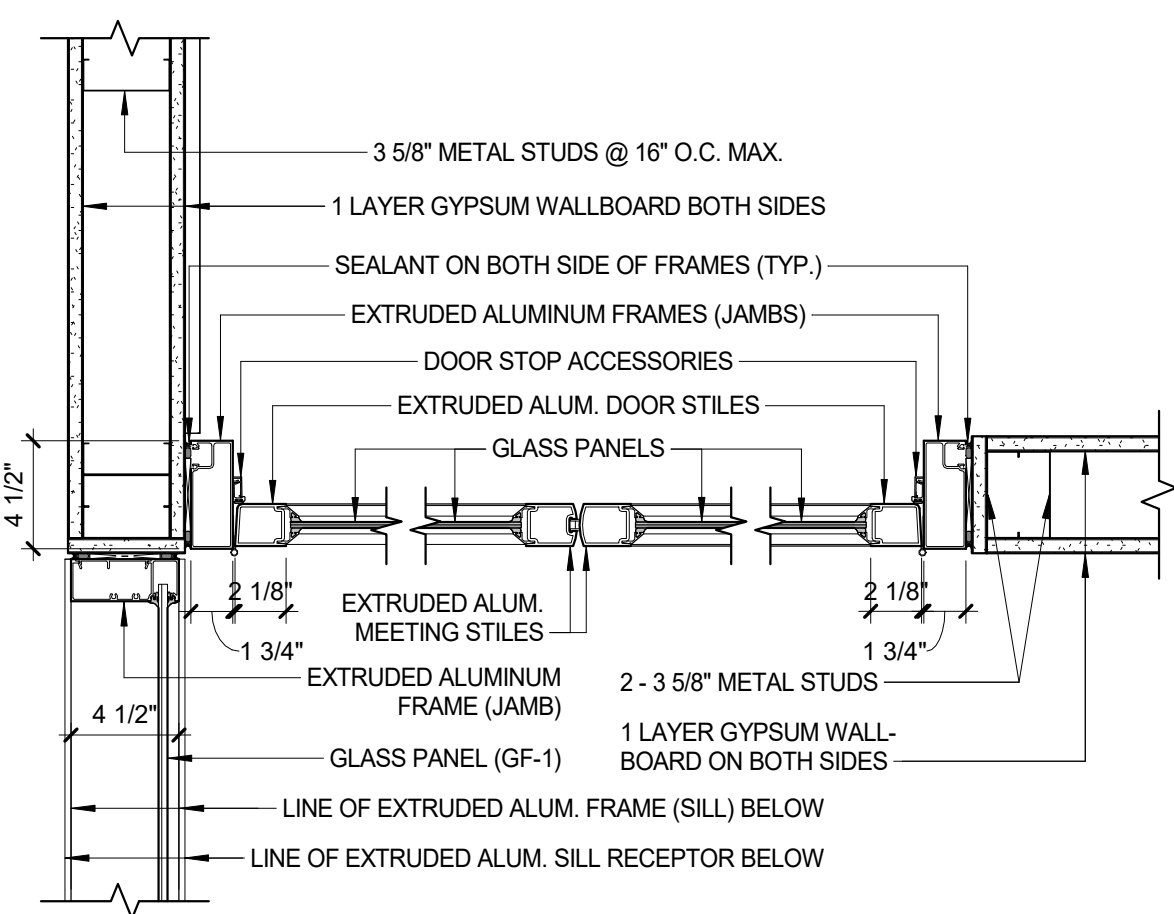
2 STORE FRONT - INSIDE CORNER
1 1/2" = 1'-0"



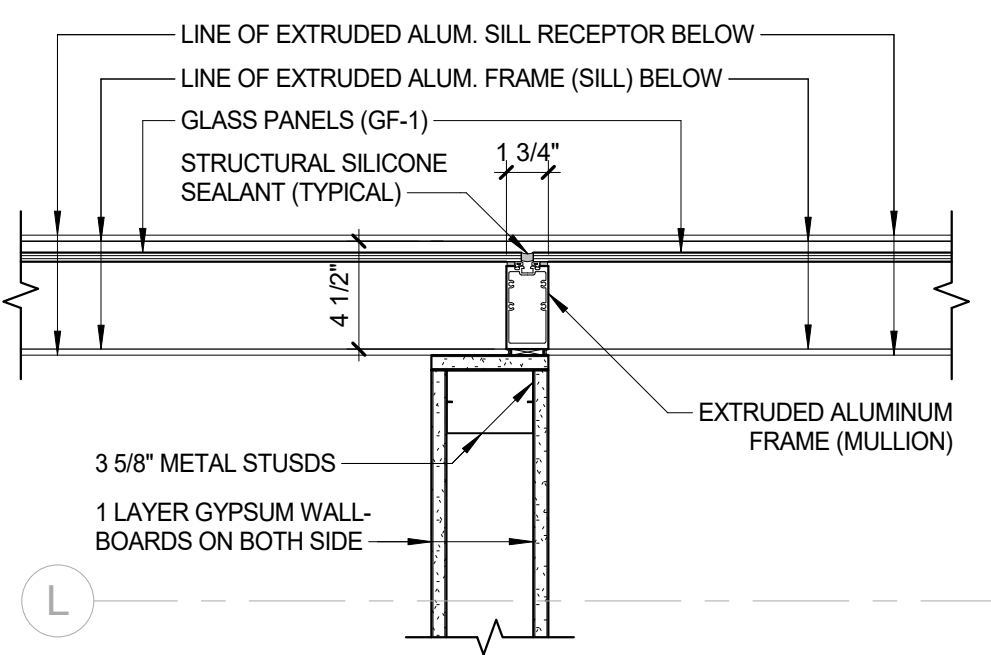
3 STORE FRONT - OUTSIDE CORNER
1 1/2" = 1'-0"



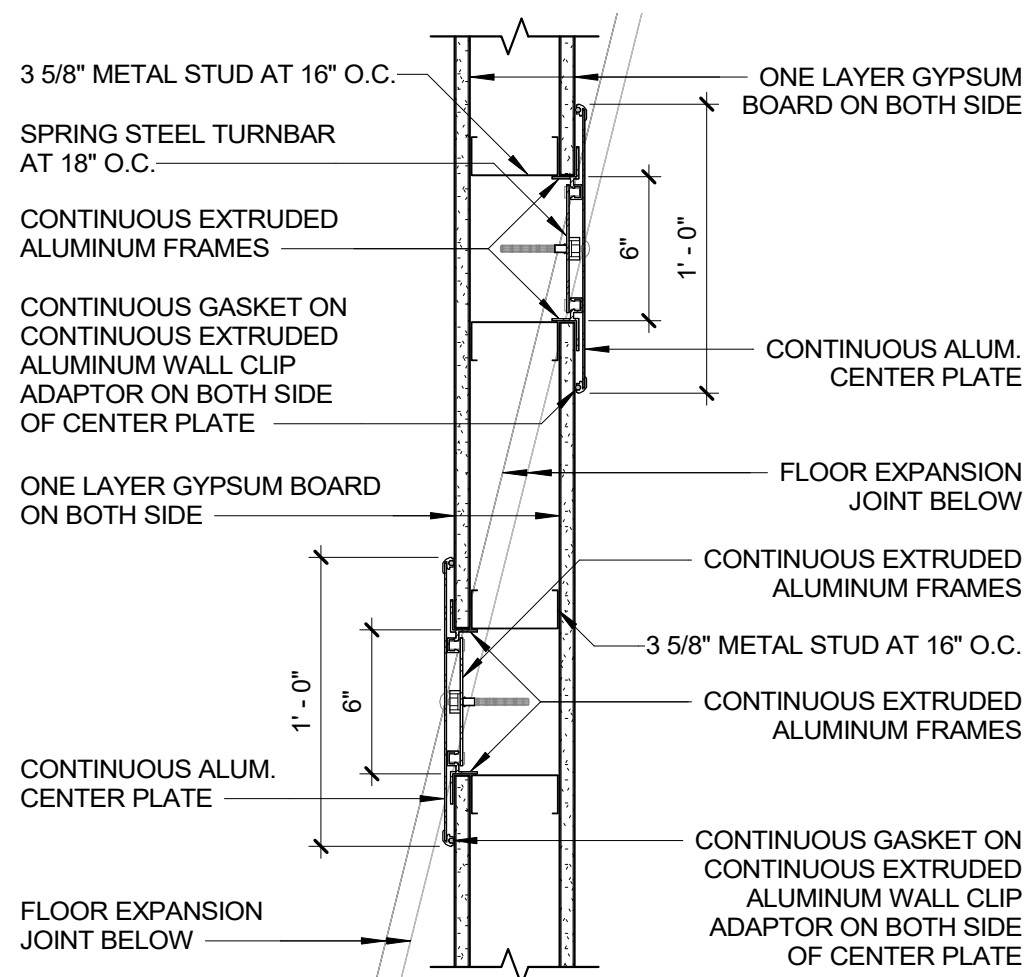
4 PUBLIC LOUNGE STOREFRONT
1 1/2" = 1'-0"



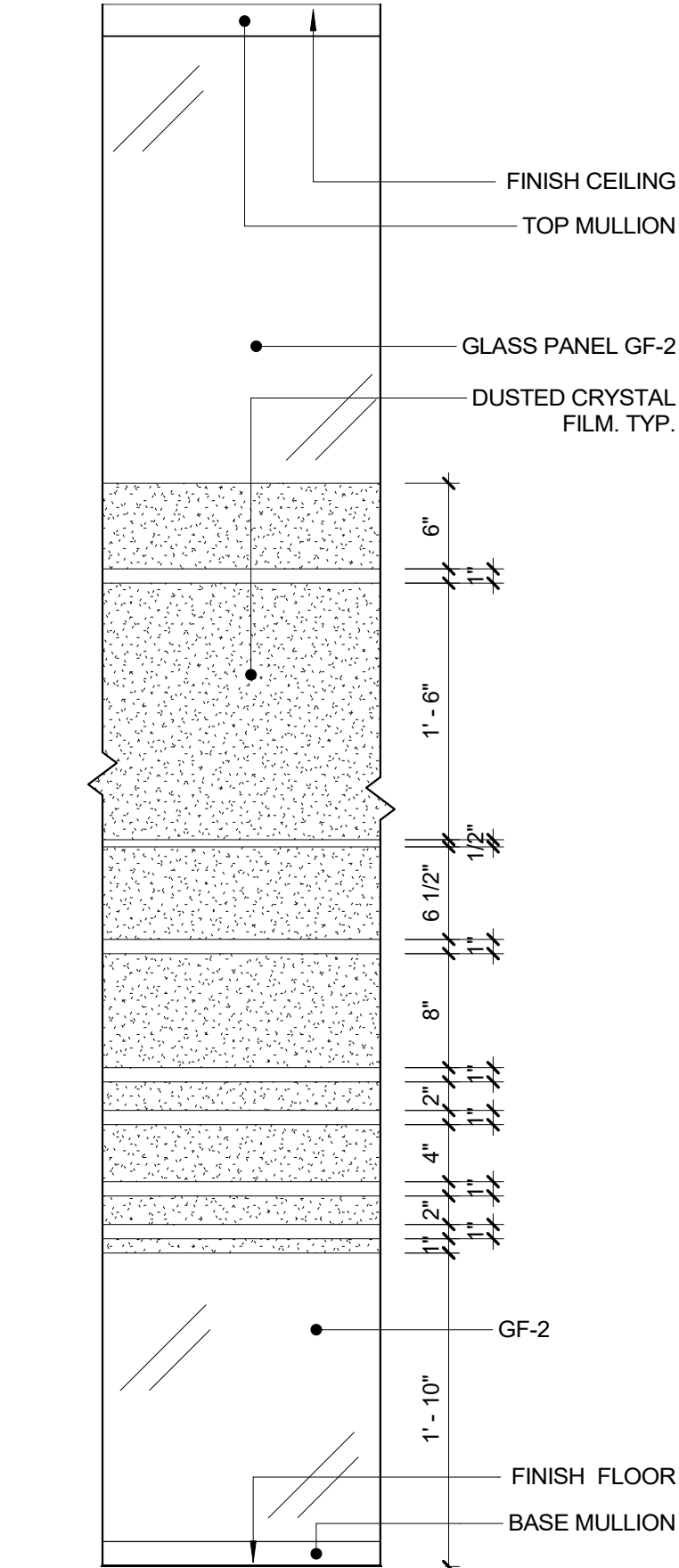
5 STORE FRONT @ PUBLIC LOUNGE
1 1/2" = 1'-0"



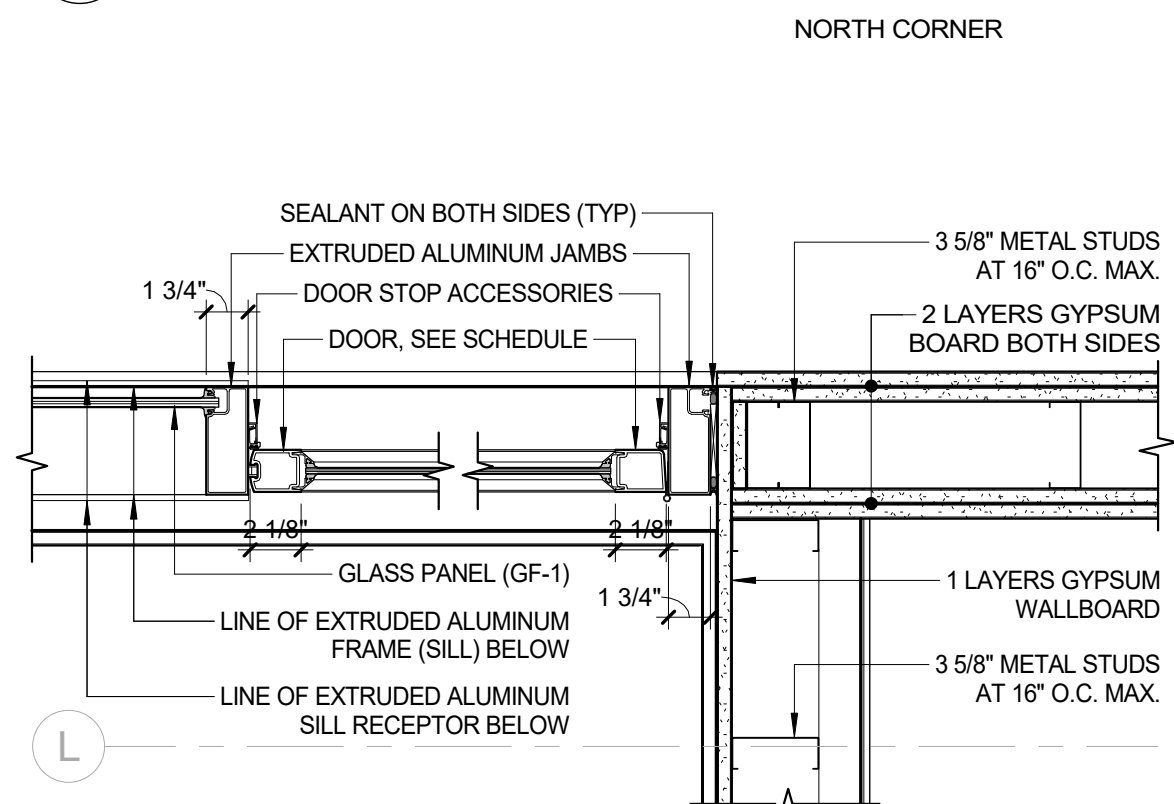
6 STORE FRONT - SSG FRAME
1 1/2" = 1'-0"



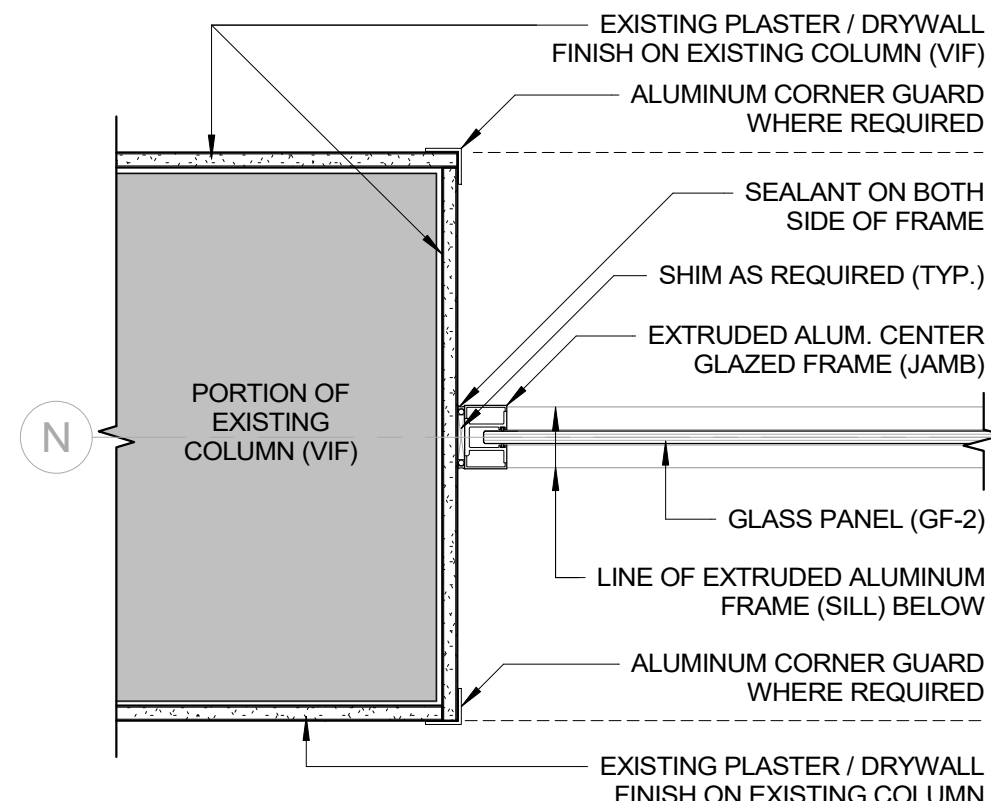
7 WALL EXPANSION JOINT
1 1/2" = 1'-0"



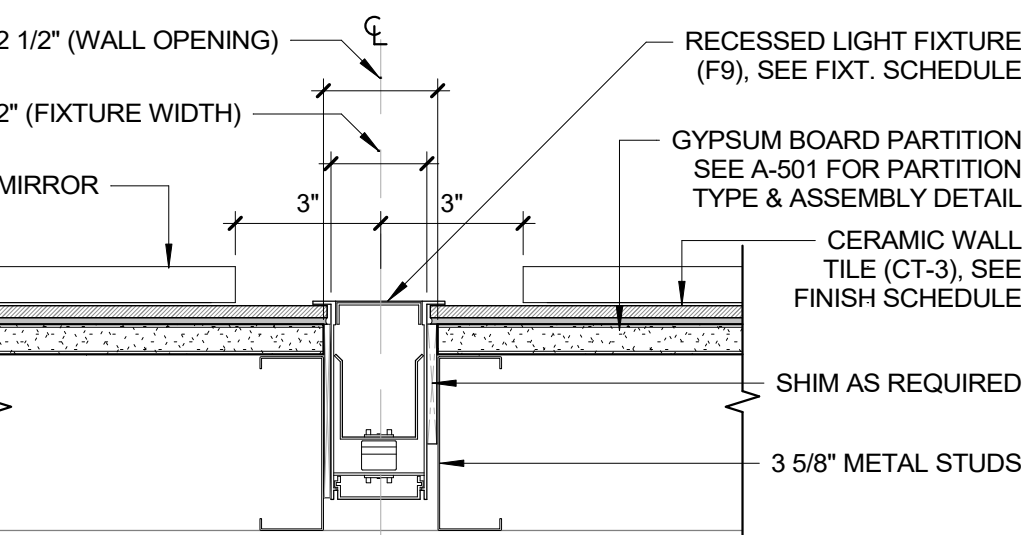
11 DUSTED CRYSTAL FILM
1" = 1'-0"



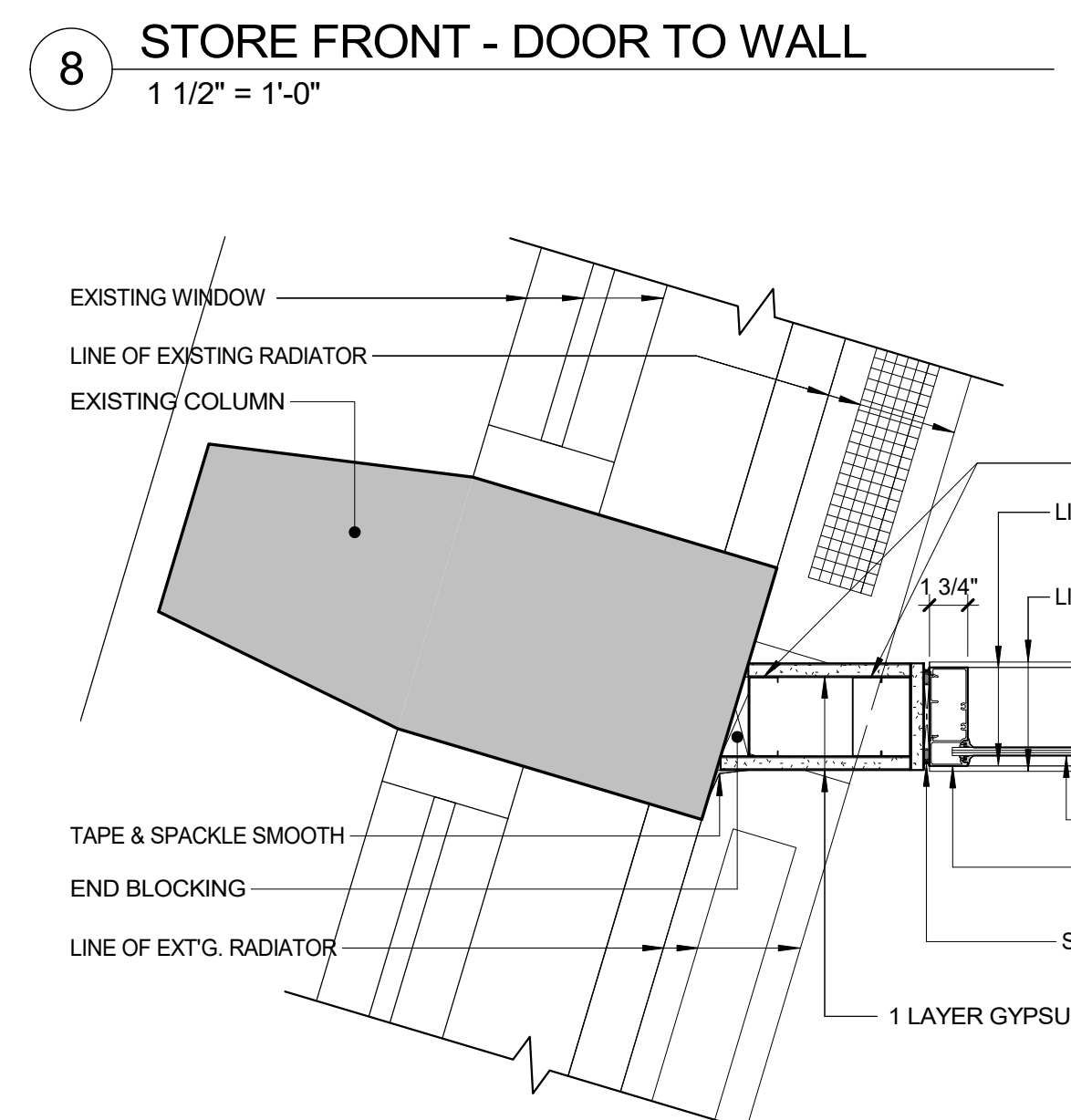
8 STORE FRONT - DOOR TO WALL
1 1/2" = 1'-0"



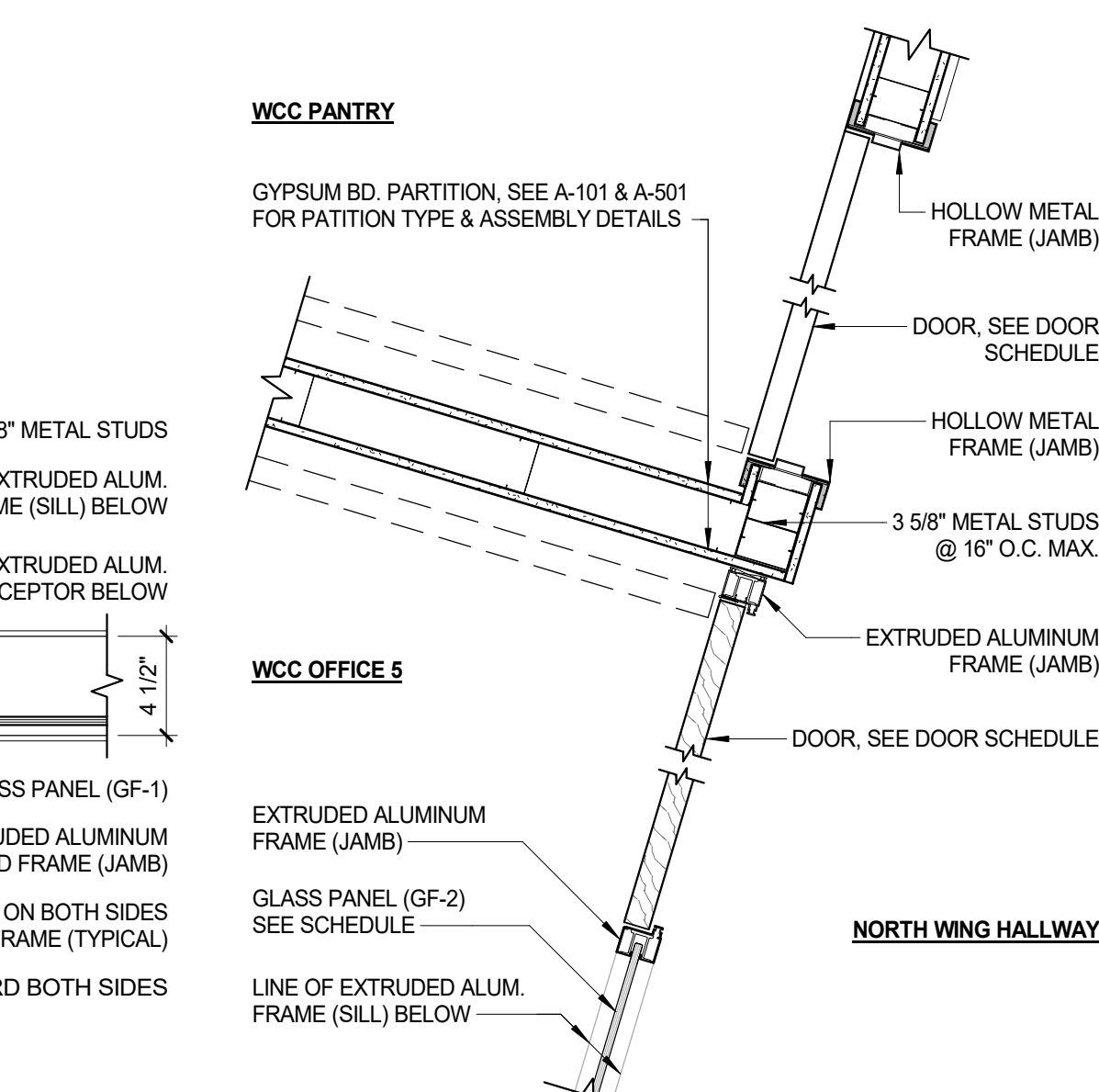
9 GLASS PANEL @ COLUMN DETAIL
1 1/2" = 1'-0"



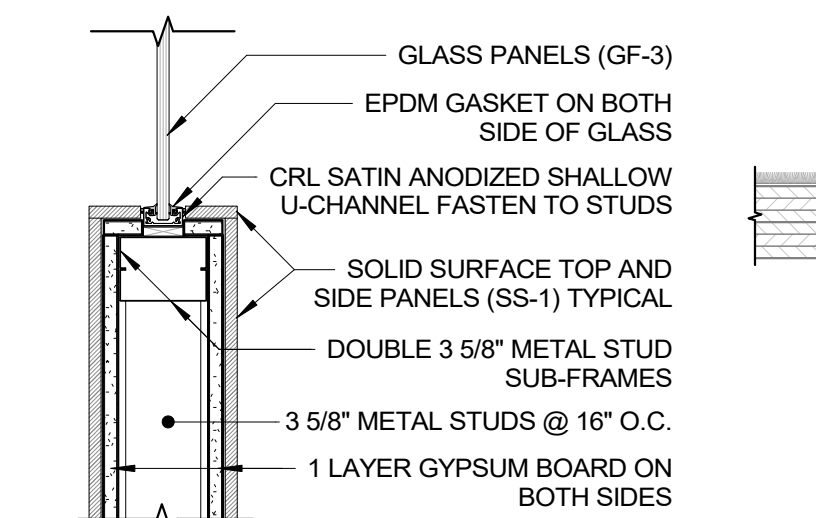
10 TYP. RECESSED LIGHT FIXT. DETAIL
3" = 1'-0"



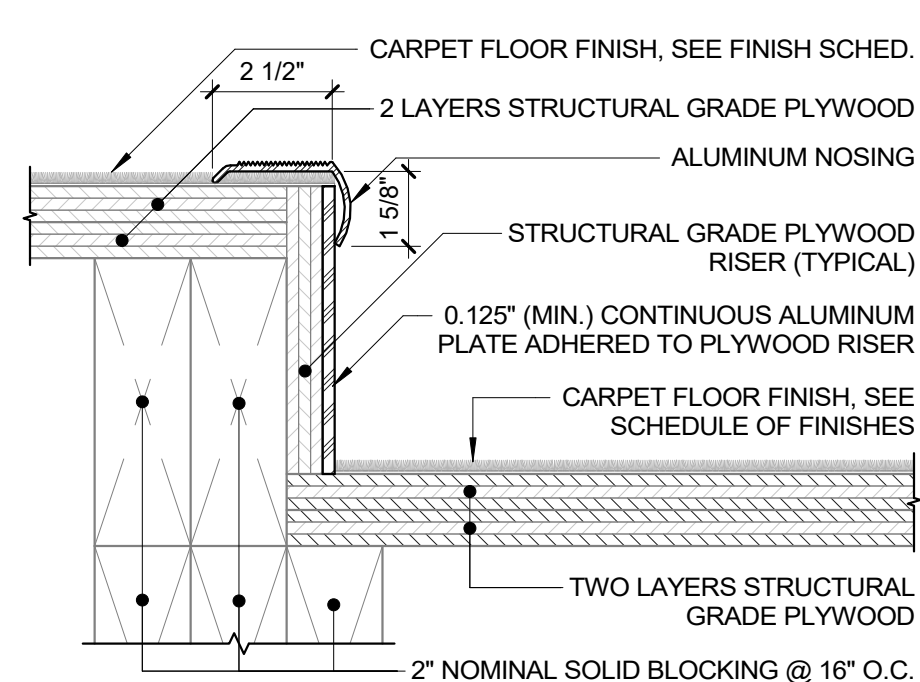
12 STORE FRONT - PUBLIC LOUNGE / W CORNER
1 1/2" = 1'-0"



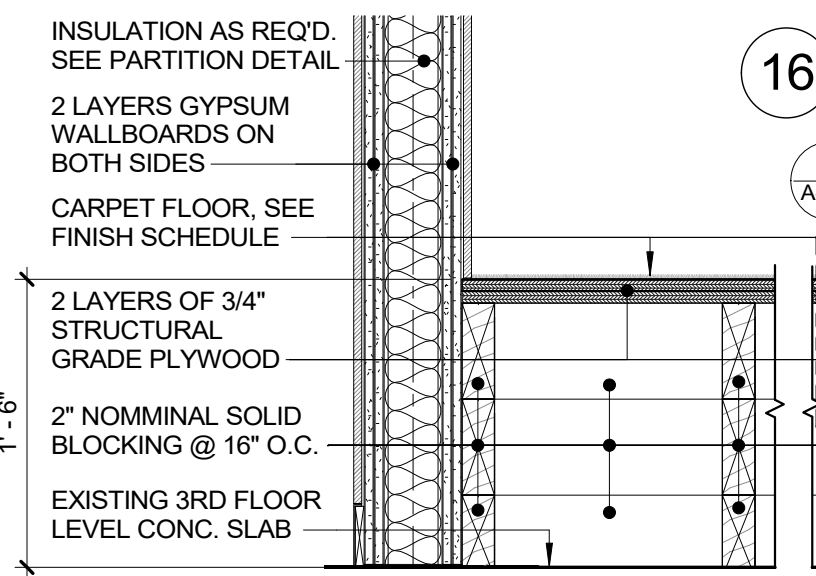
13 PLAN DETAIL - STORE FRONT
1" = 1'-0"



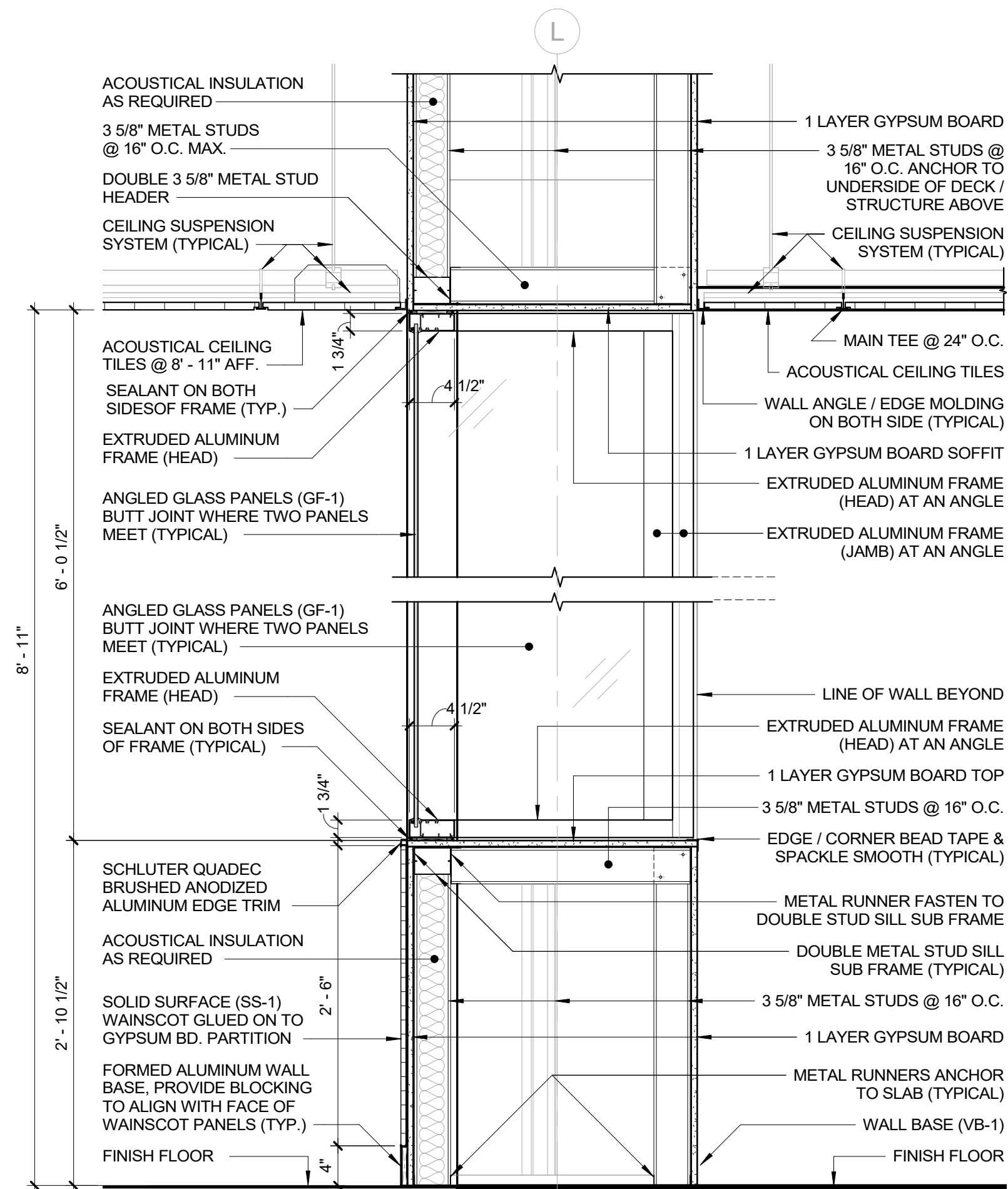
14 DETAIL SECTION
1 1/2" = 1'-0"



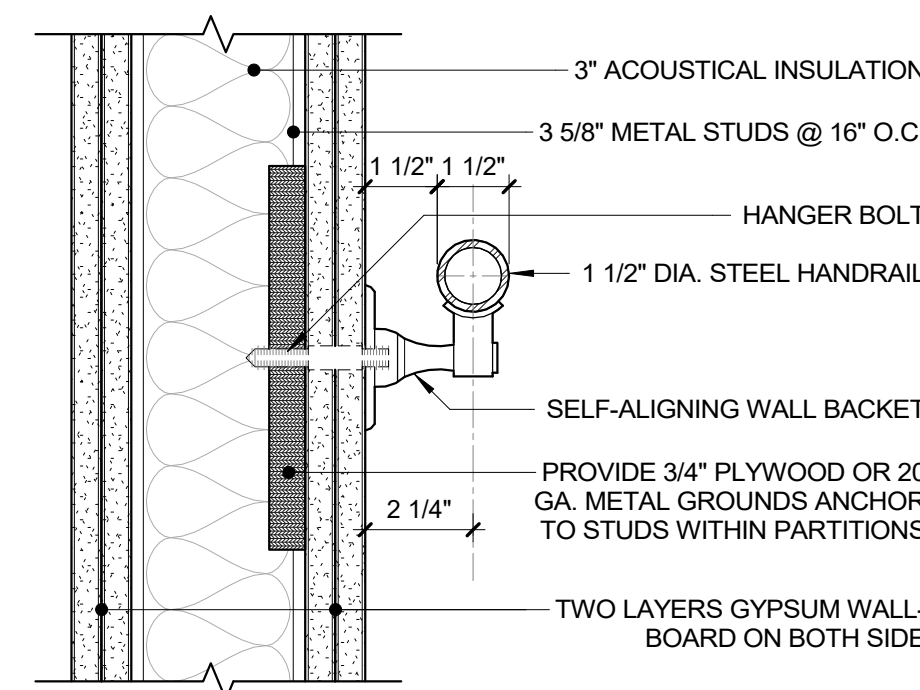
16 RAISED FLOOR NOSING DETAIL
3" = 1'-0"



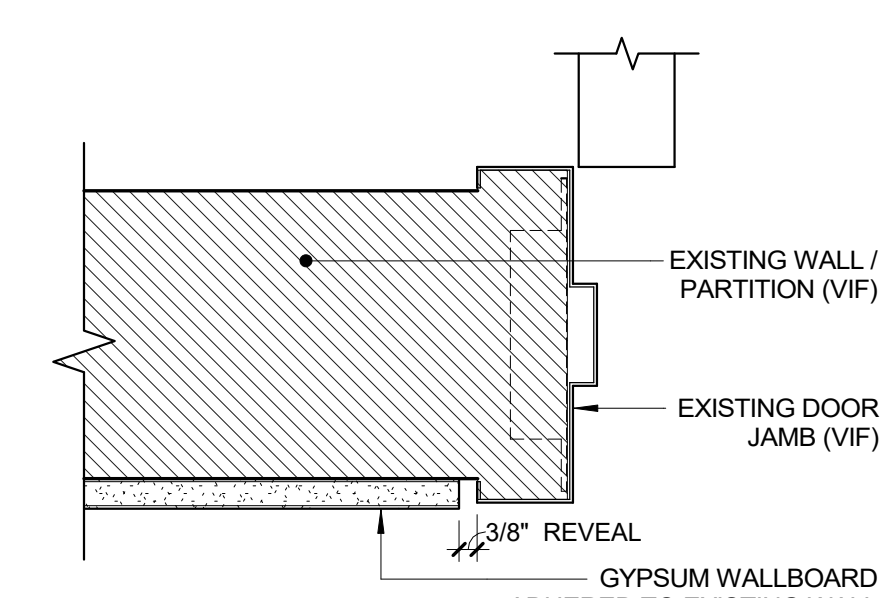
15 STEPPED FLOOR @ GRAND JURY RM.
1" = 1'-0"



17 DETAIL SECTION - ANGLE WALL
1" = 1'-0"

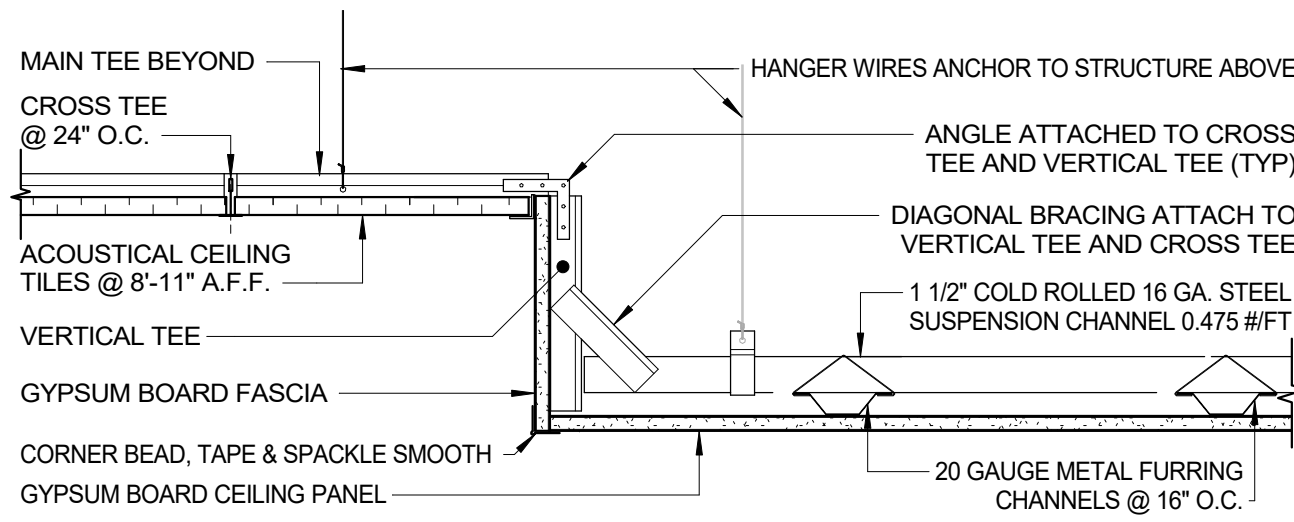


18 HANDRAIL DETAIL
3" = 1'-0"

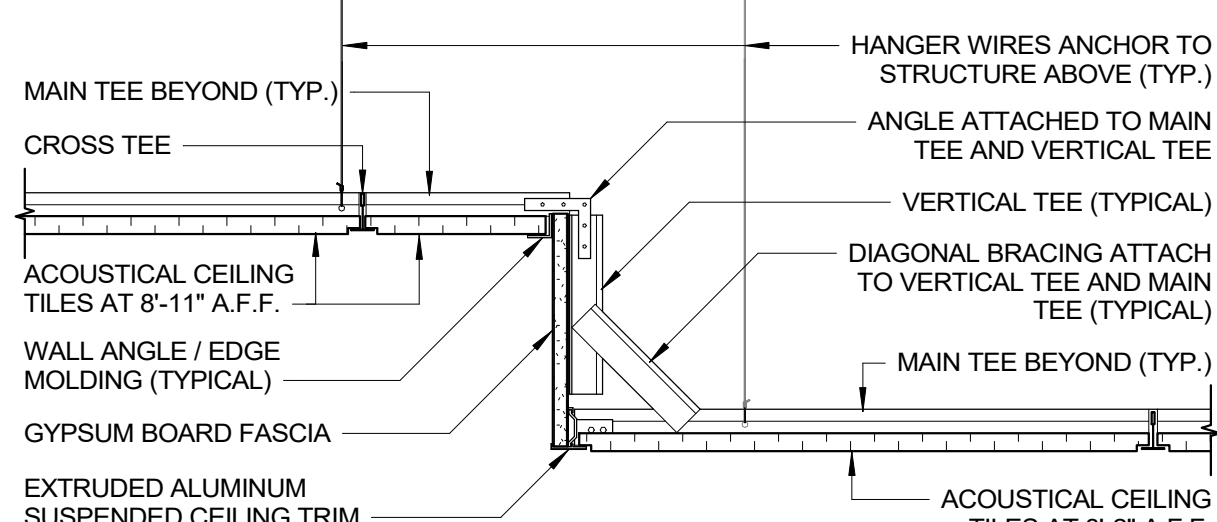


19 GYPSUM BD. FURRING @ JAMB
3" = 1'-0"

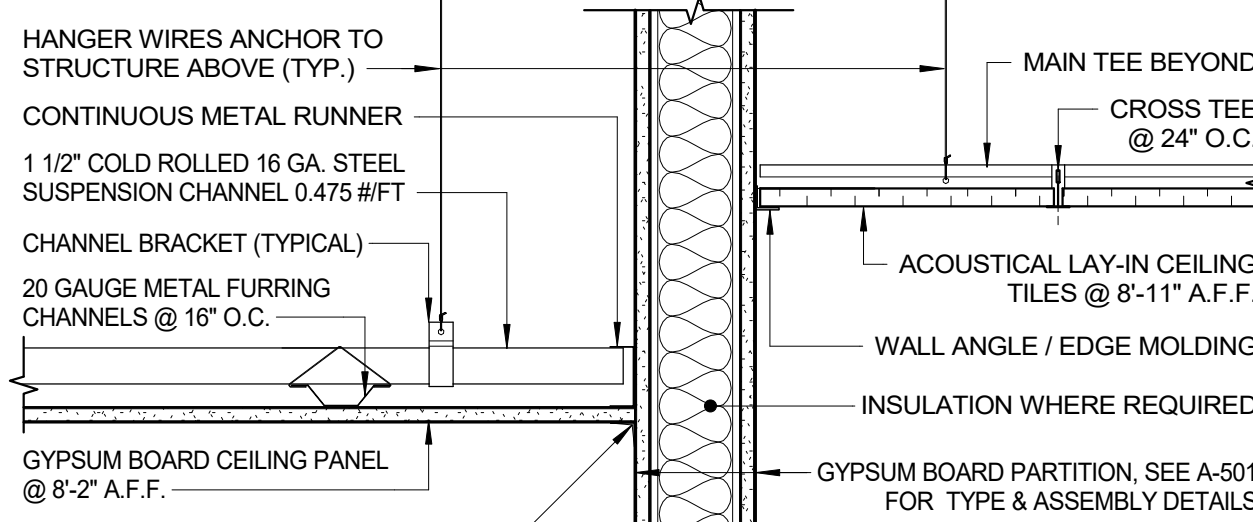
CONSULTANT SEAL		CONSULTANT INFORMATION																										
		Graf & Lewent Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989																										
<table><tr><td>REVISION NUMBER</td><td>DATE</td><td>MADE BY</td><td>APP'D BY</td><td>REVISION</td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><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></table>				REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION																				
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514 SHEET NO. 93 OF 106																										
DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: As indicated DATE: May 20, 2021 DPW FILE NO. 52-01-A-537																										



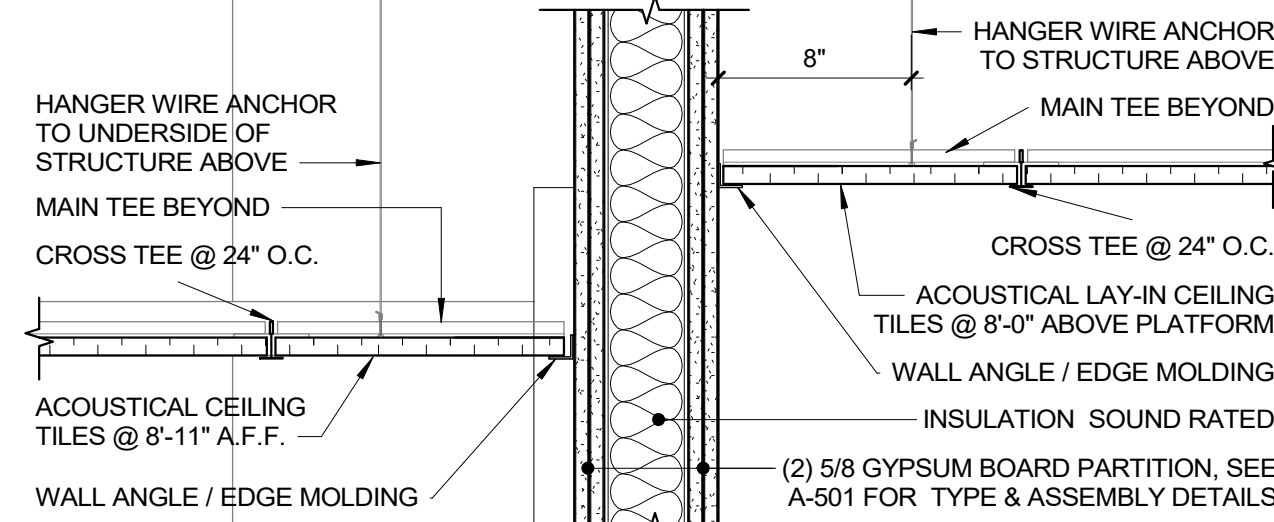
1 CEILING DROPPED - WAITING AREAS / TYP.
1 1/2" = 1'-0"



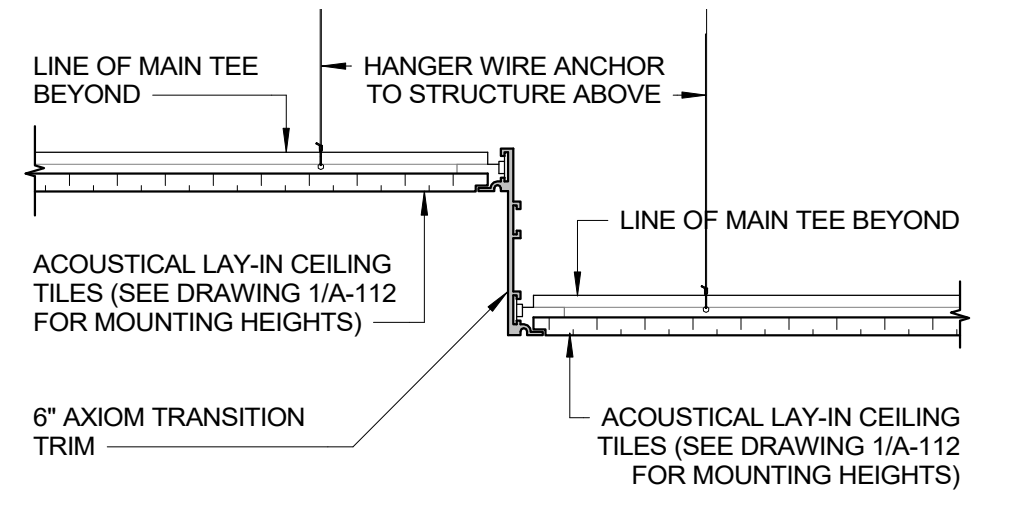
2 DROPPED CLG. - NORTH WING CORRIDOR
1 1/2" = 1'-0"



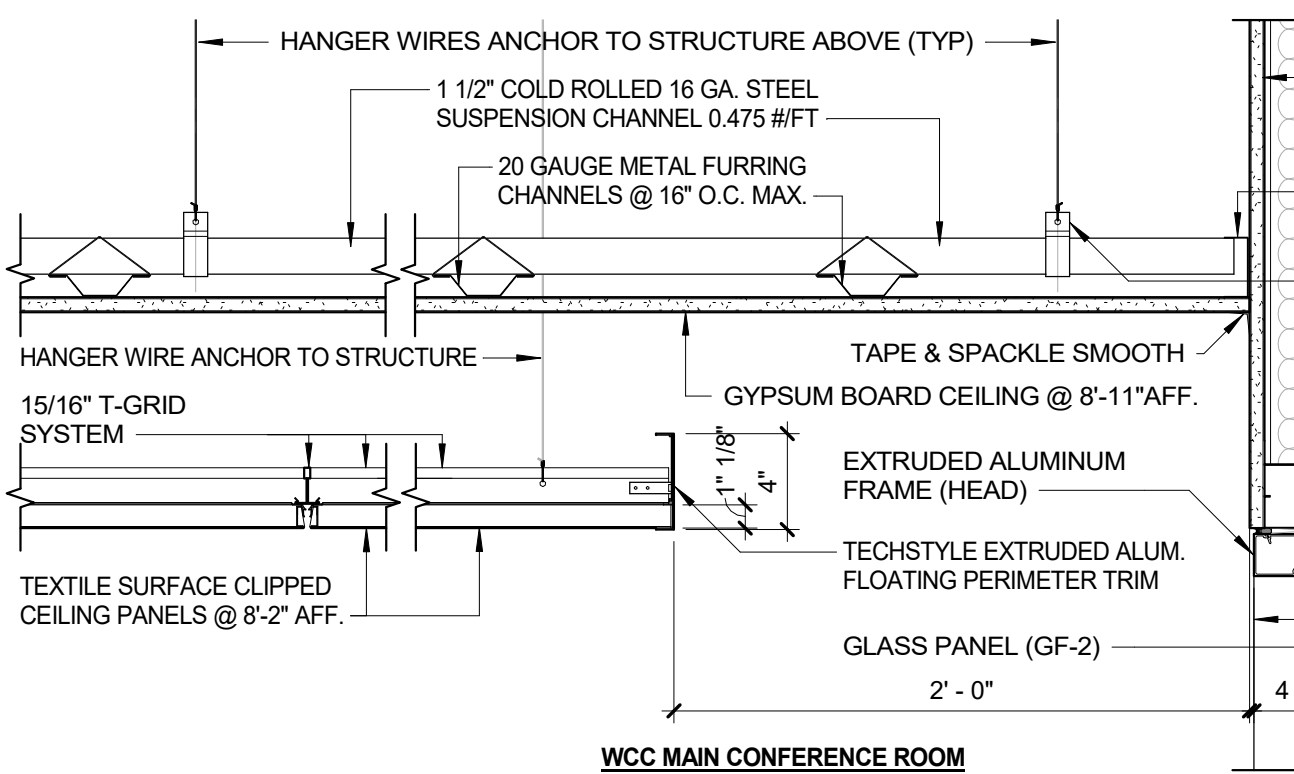
3 DROP CEILING DETAIL @ DPS
1 1/2" = 1'-0"



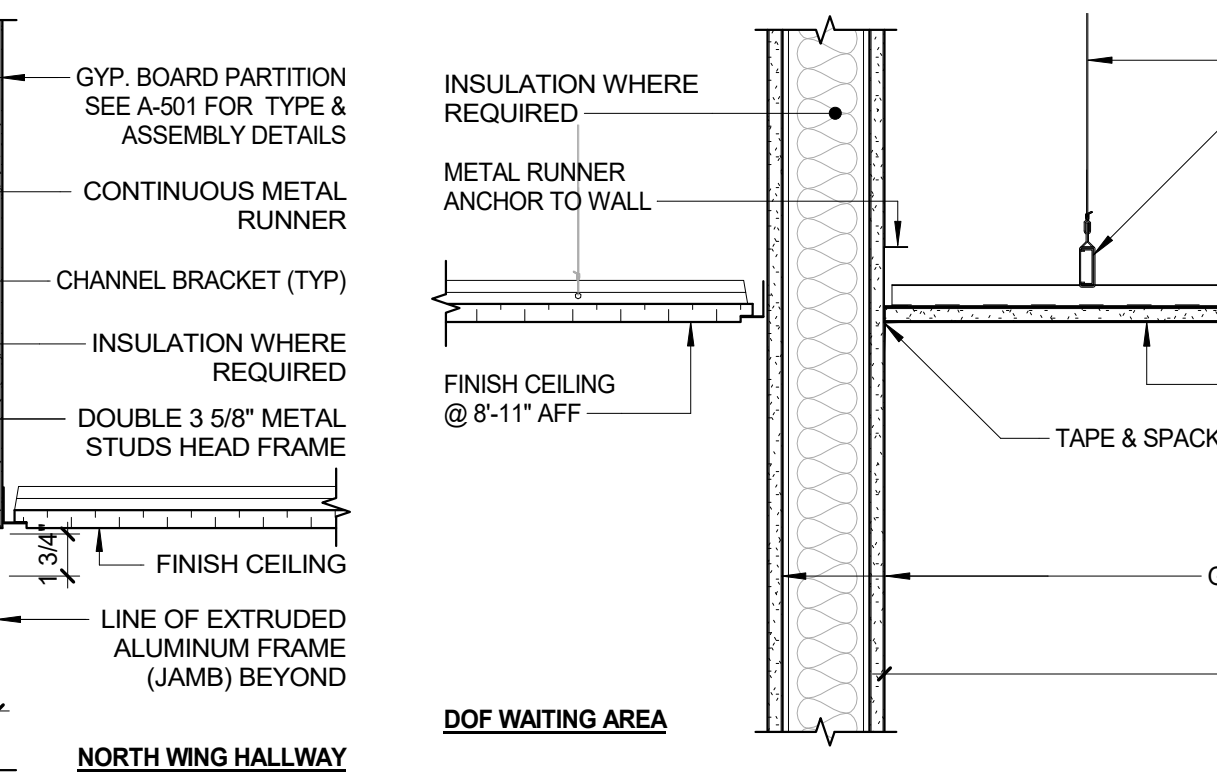
4 CEILING DETAIL @ GRAND JURY ROOM
1 1/2" = 1'-0"



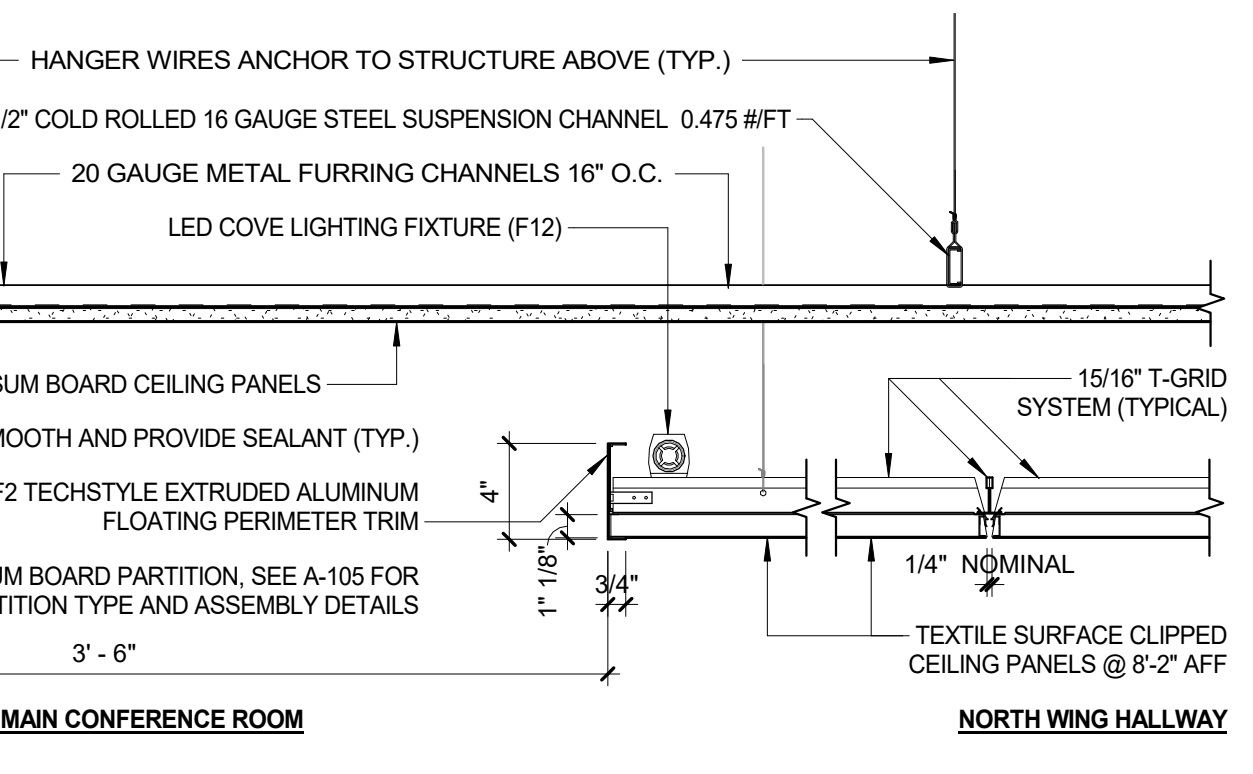
5 STEPPED CEILING DETAIL
1 1/2" = 1'-0"



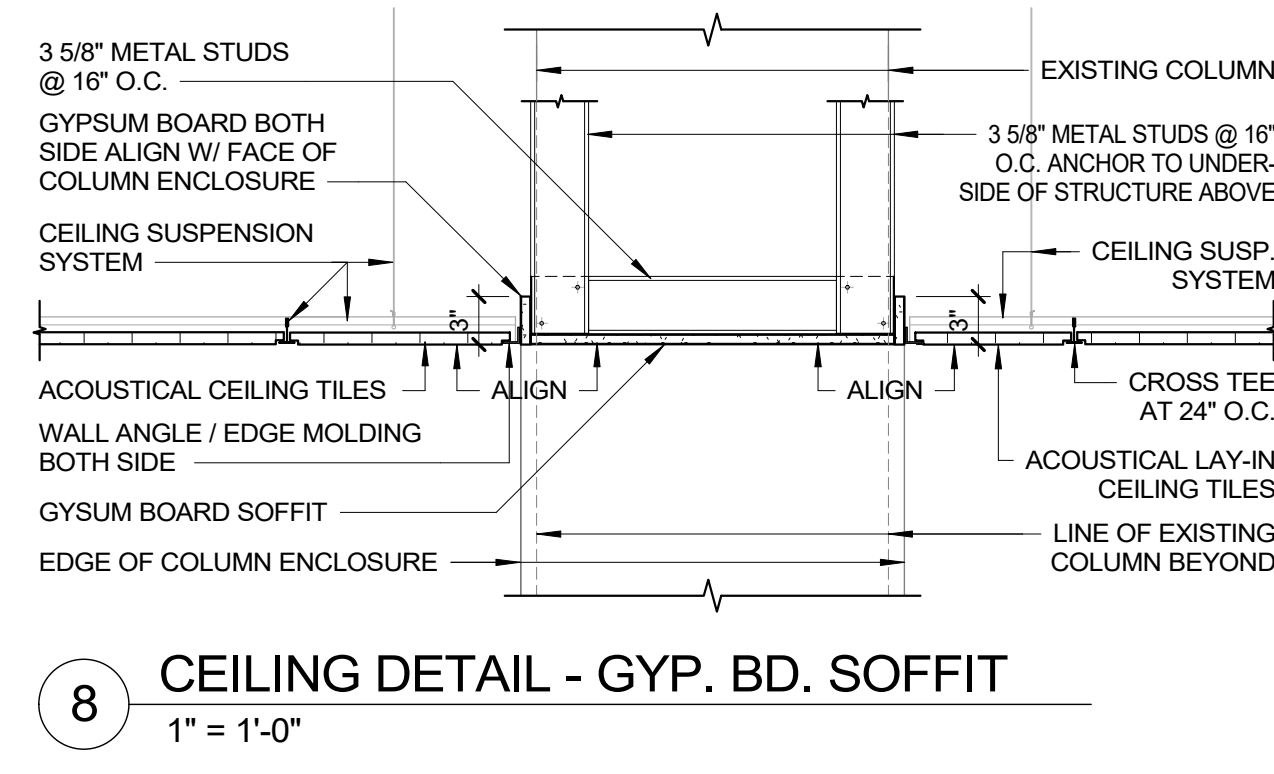
6 CLOUD CEILING - TRIM PERPENDICULAR TO CLIP ON PANEL
1 1/2" = 1'-0"



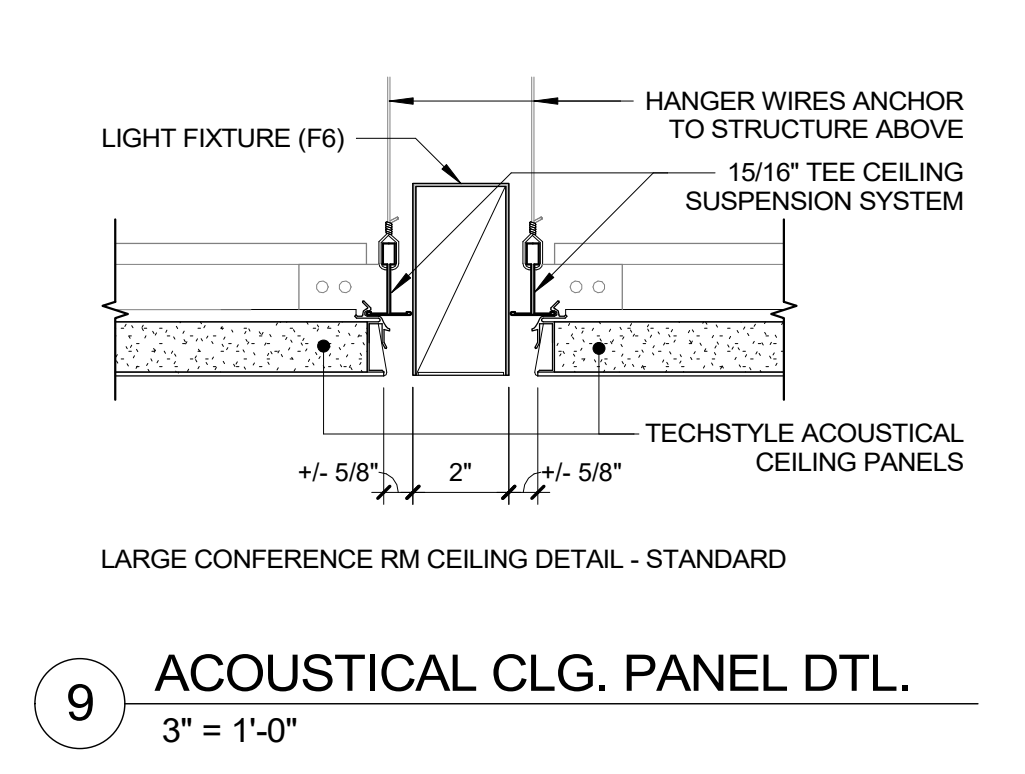
7 CLOUD CEILING - TRIM PARALLEL TO CLIP ON PANEL
1 1/2" = 1'-0"



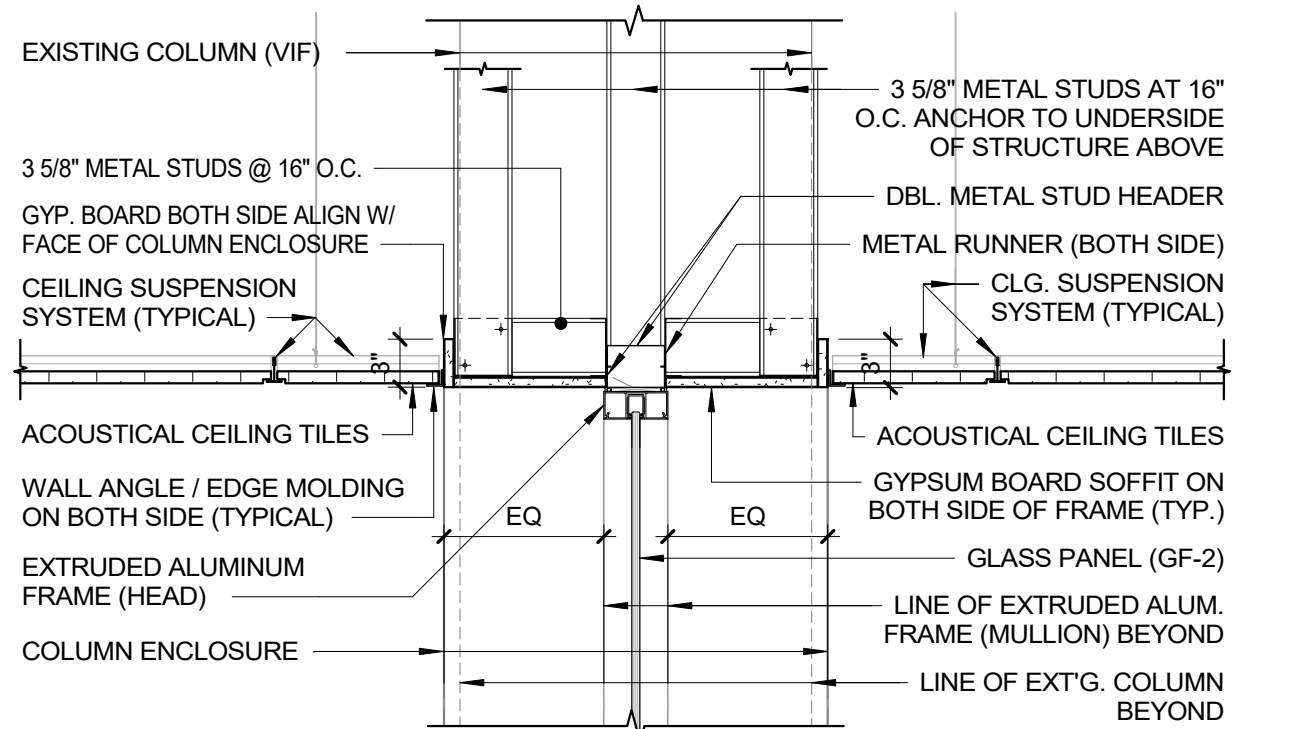
8 CEILING DETAIL - GYP. BD. SOFFIT
1" = 1'-0"



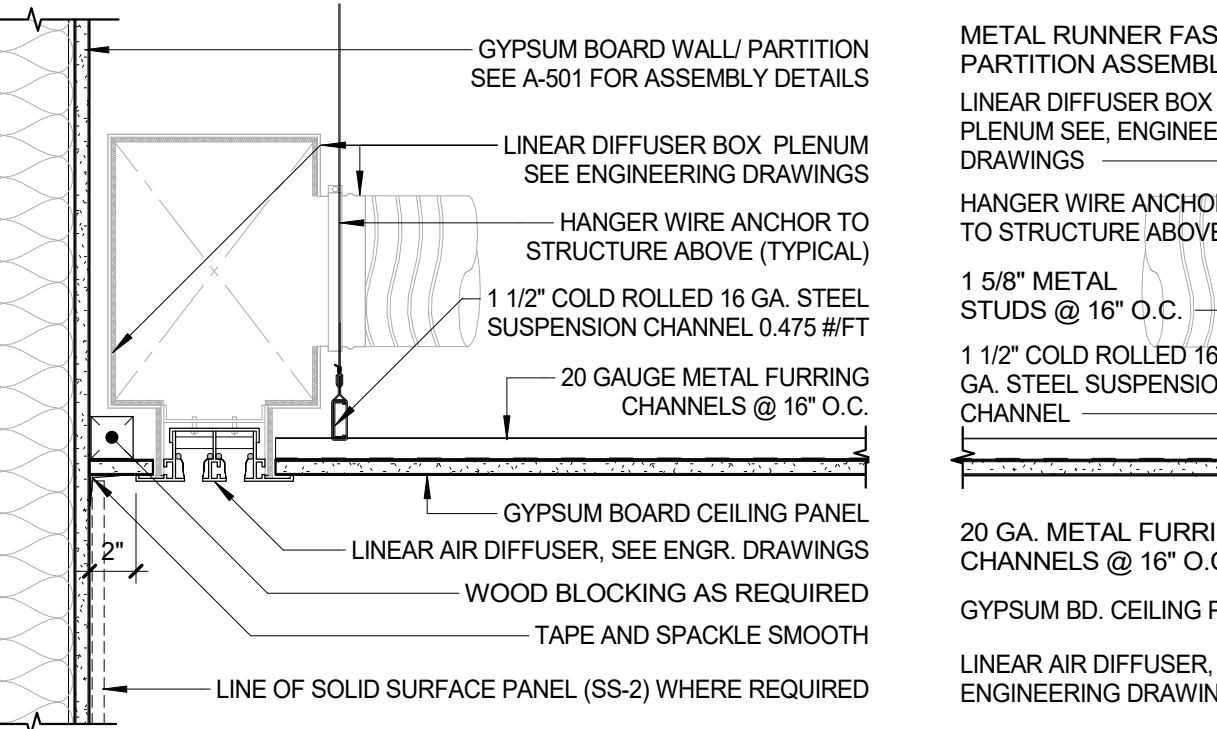
9 ACOUSTICAL CLG. PANEL DTL.
3" = 1'-0"



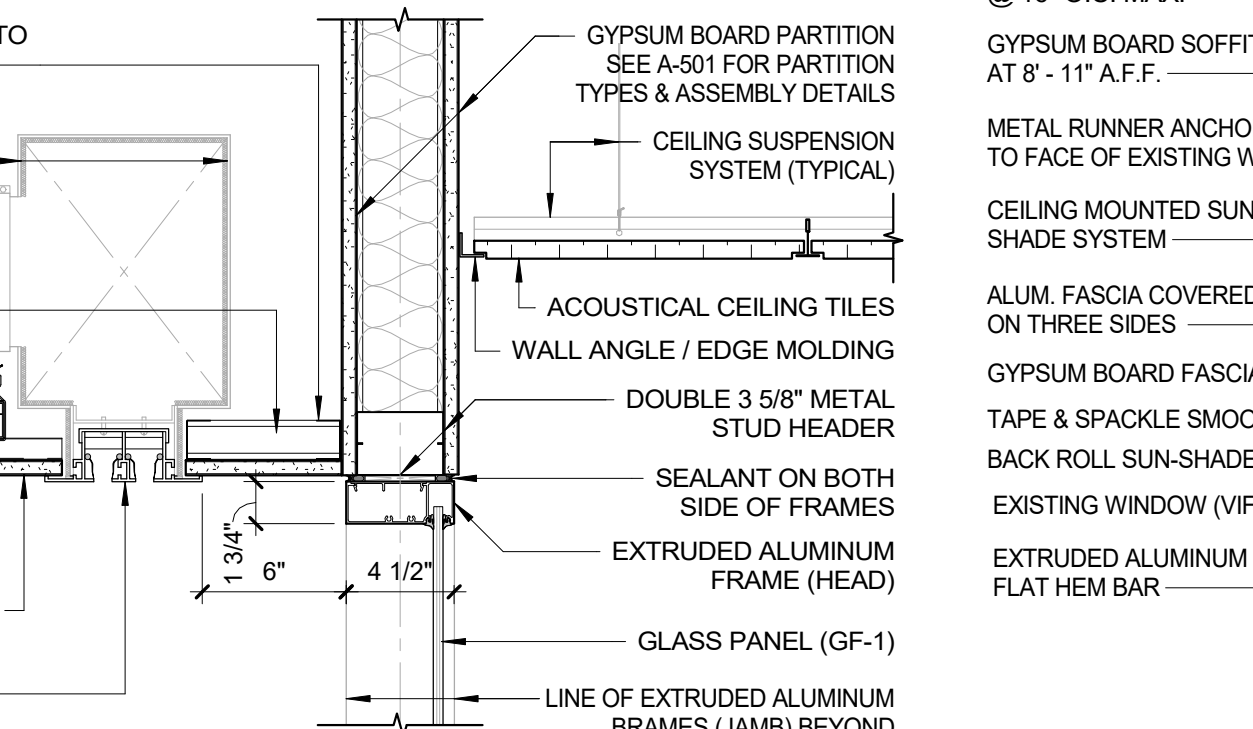
10 CEILING DETAIL - SOFFIT @ GLASS PANEL
1" = 1'-0"



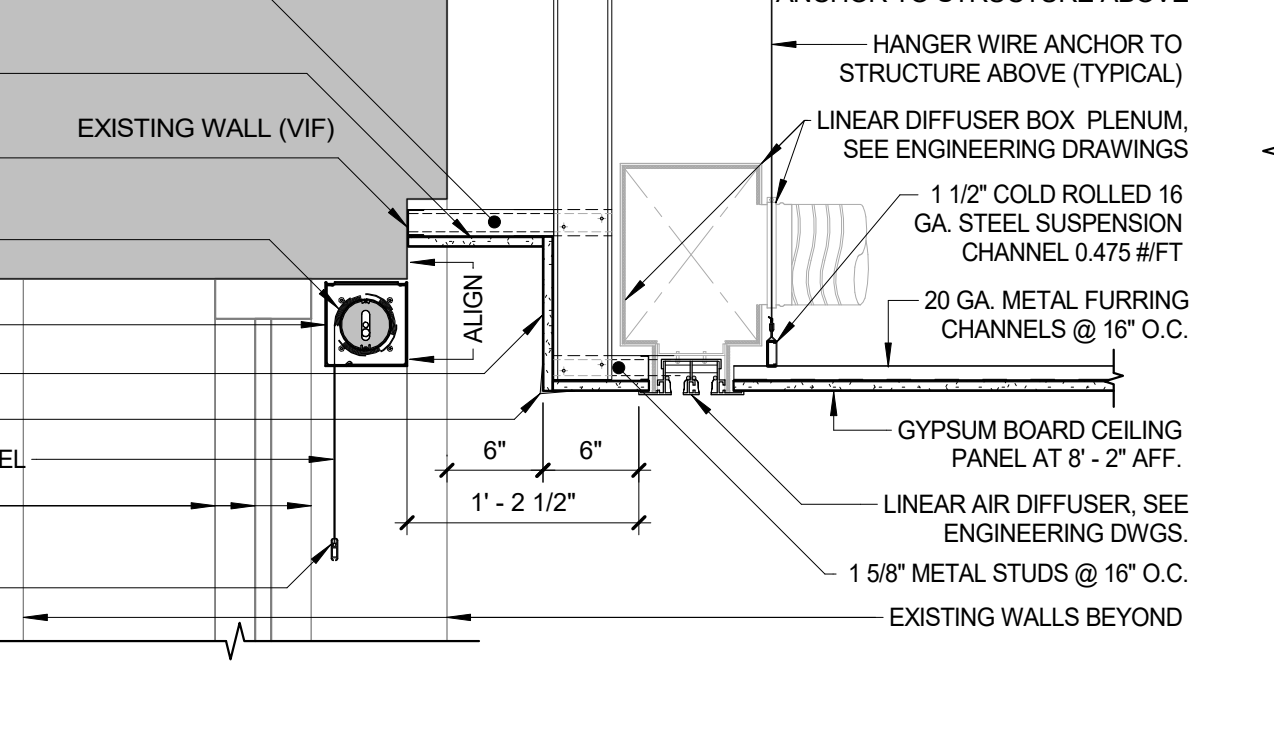
11 AIR DIFFUSER @ DROP CEILING
1 1/2" = 1'-0"



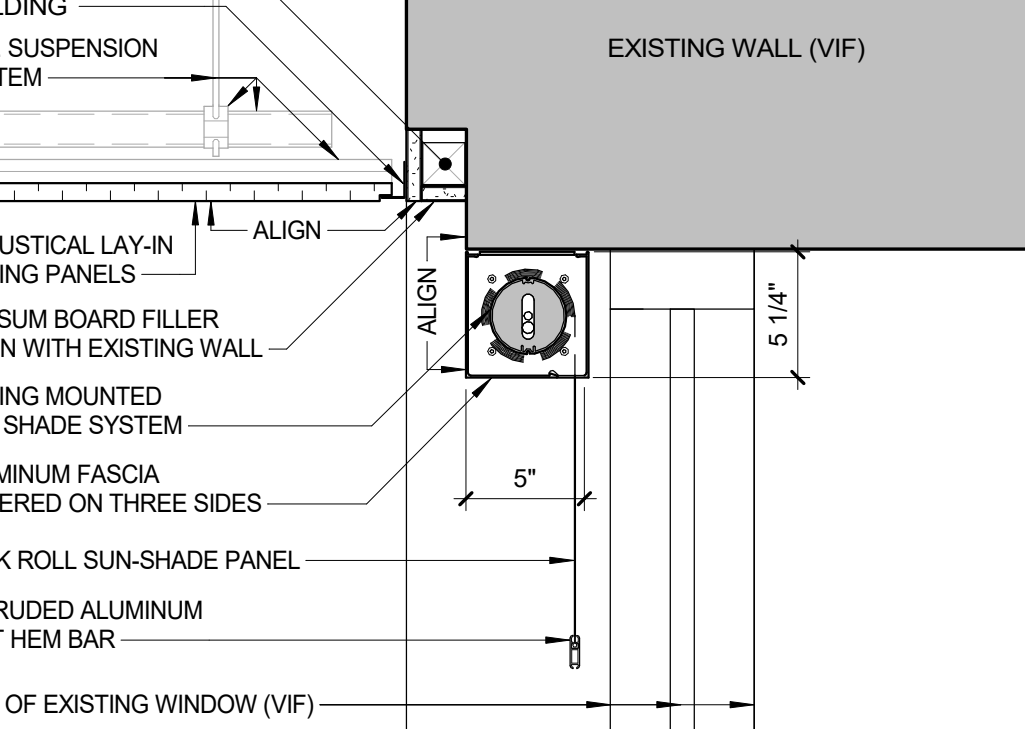
12 DROP CEILING DETAIL - DLS STOREFRONT
1 1/2" = 1'-0"



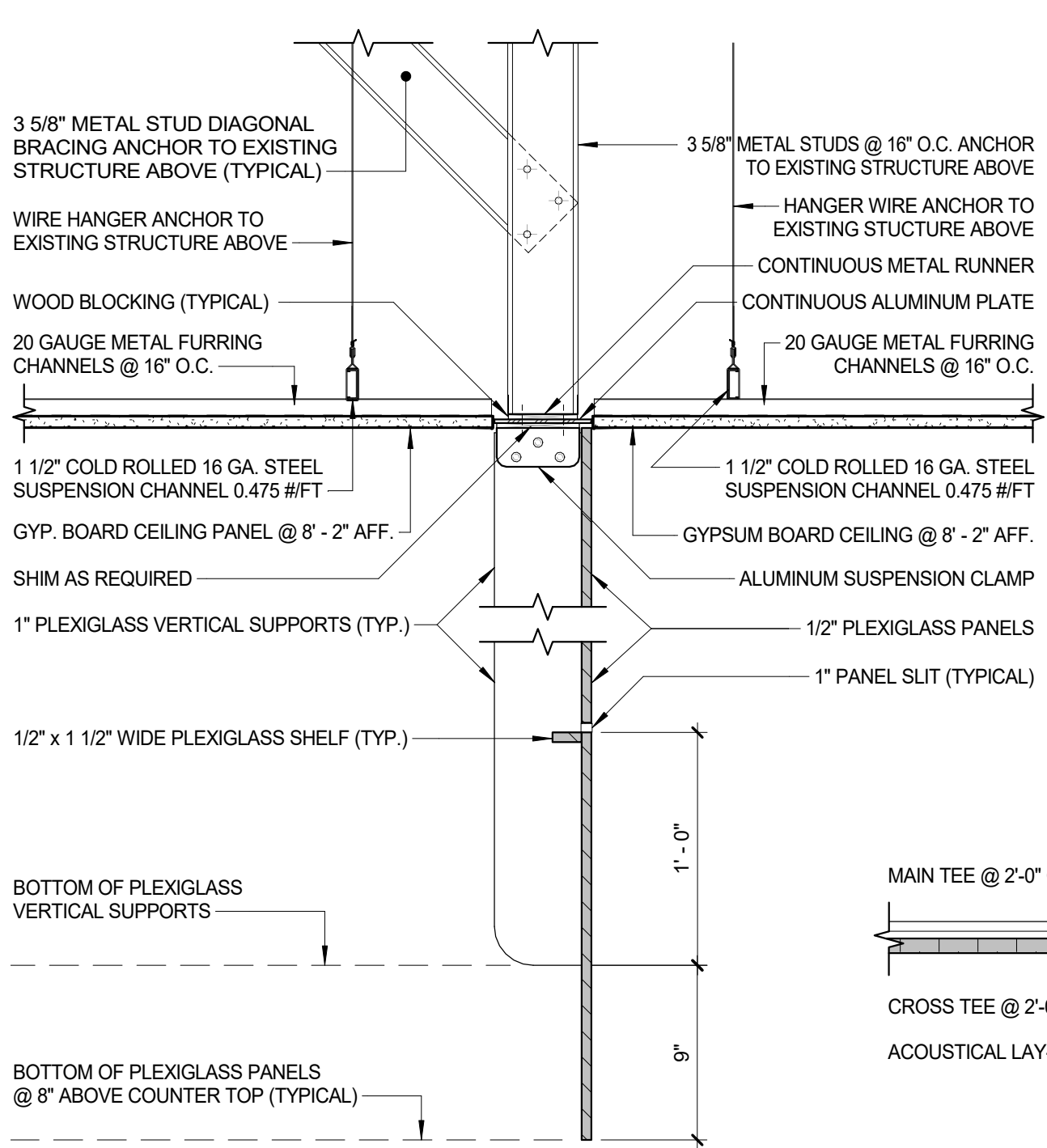
13 DROP CEILING DETAIL - DLR
1" = 1'-0"



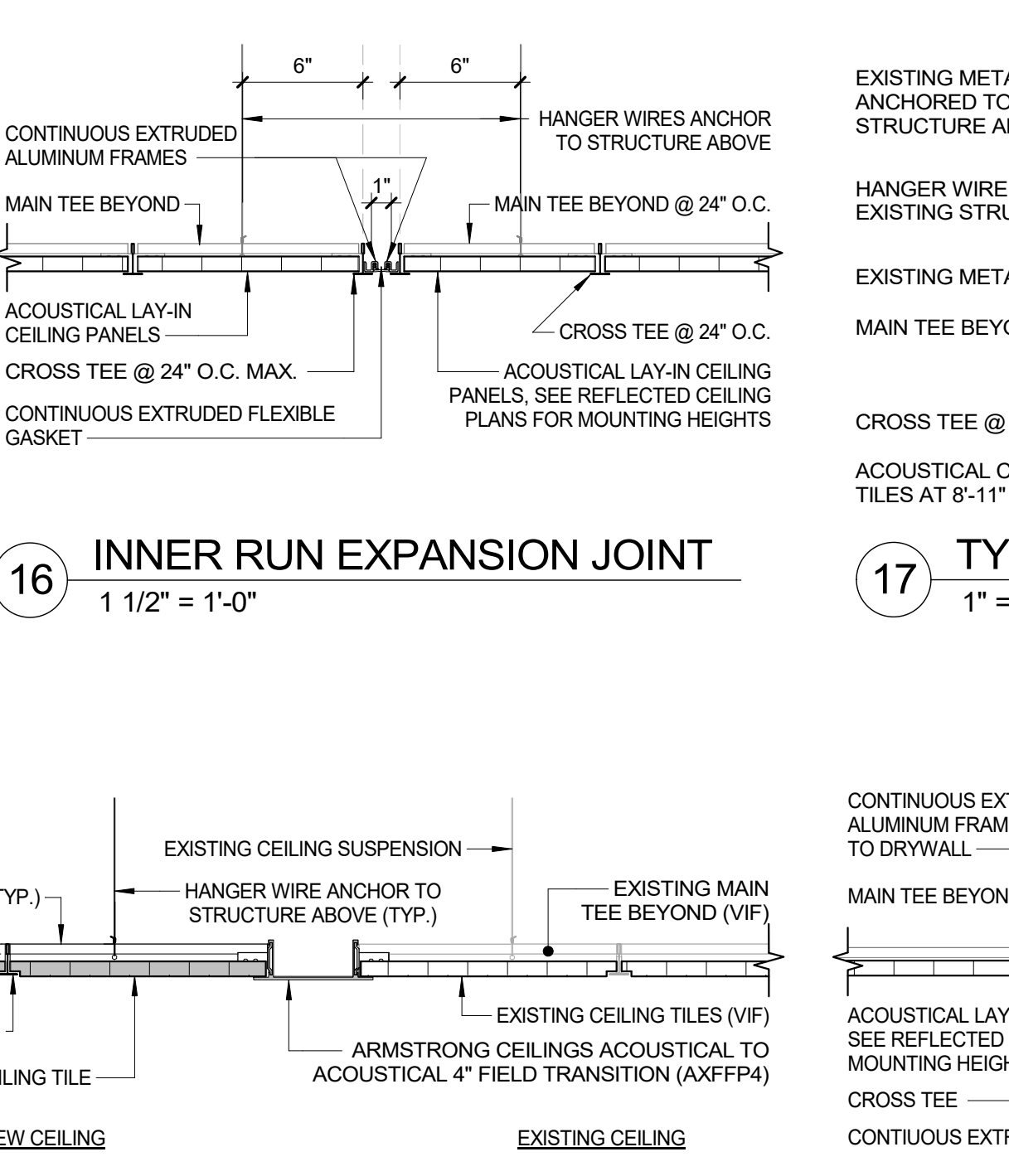
14 DETAIL SECTION - SOLAR SHADES
1 1/2" = 1'-0"



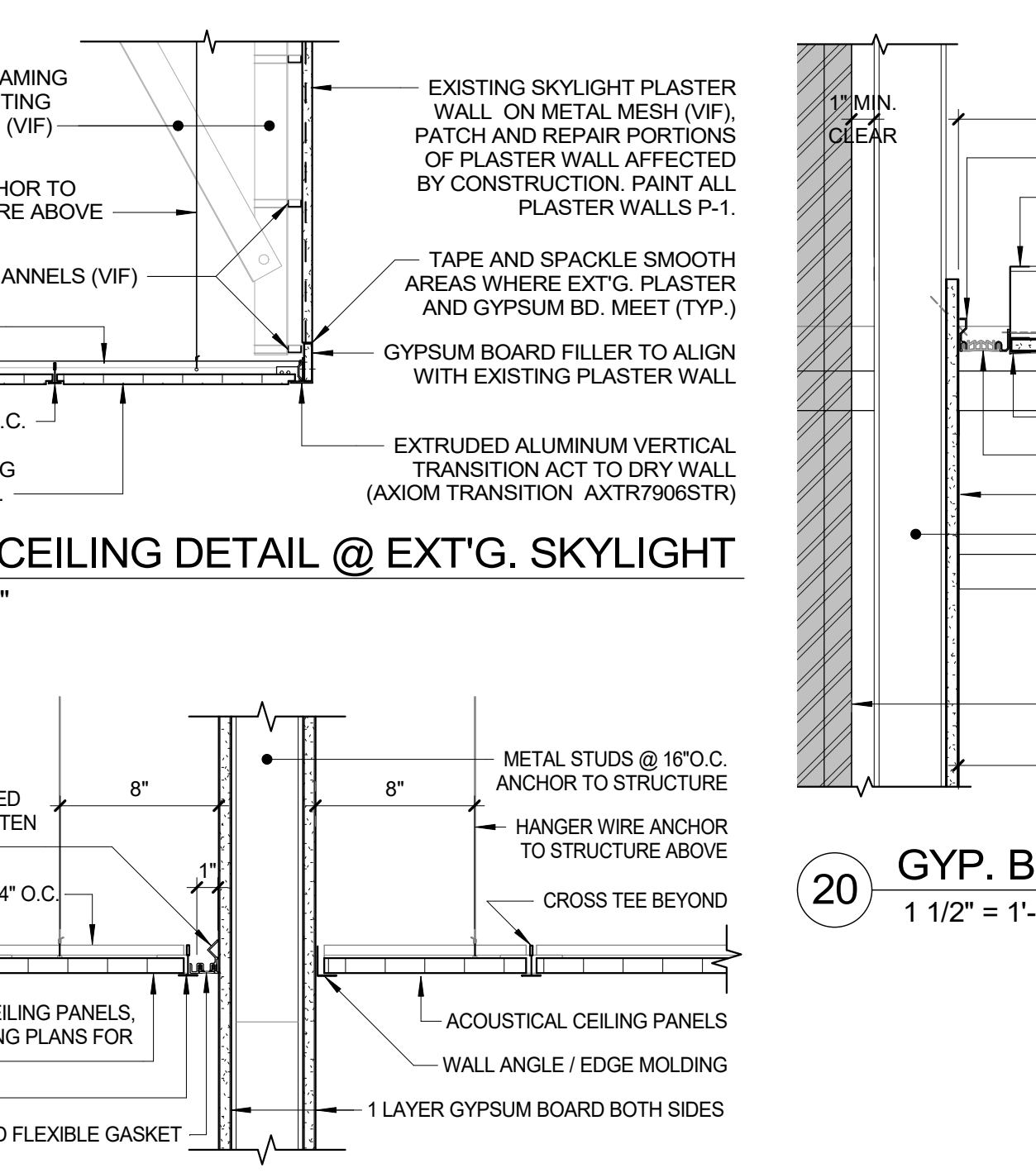
15 TYP. PLEXIGLASS SHIELD DETAIL
1 1/2" = 1'-0"



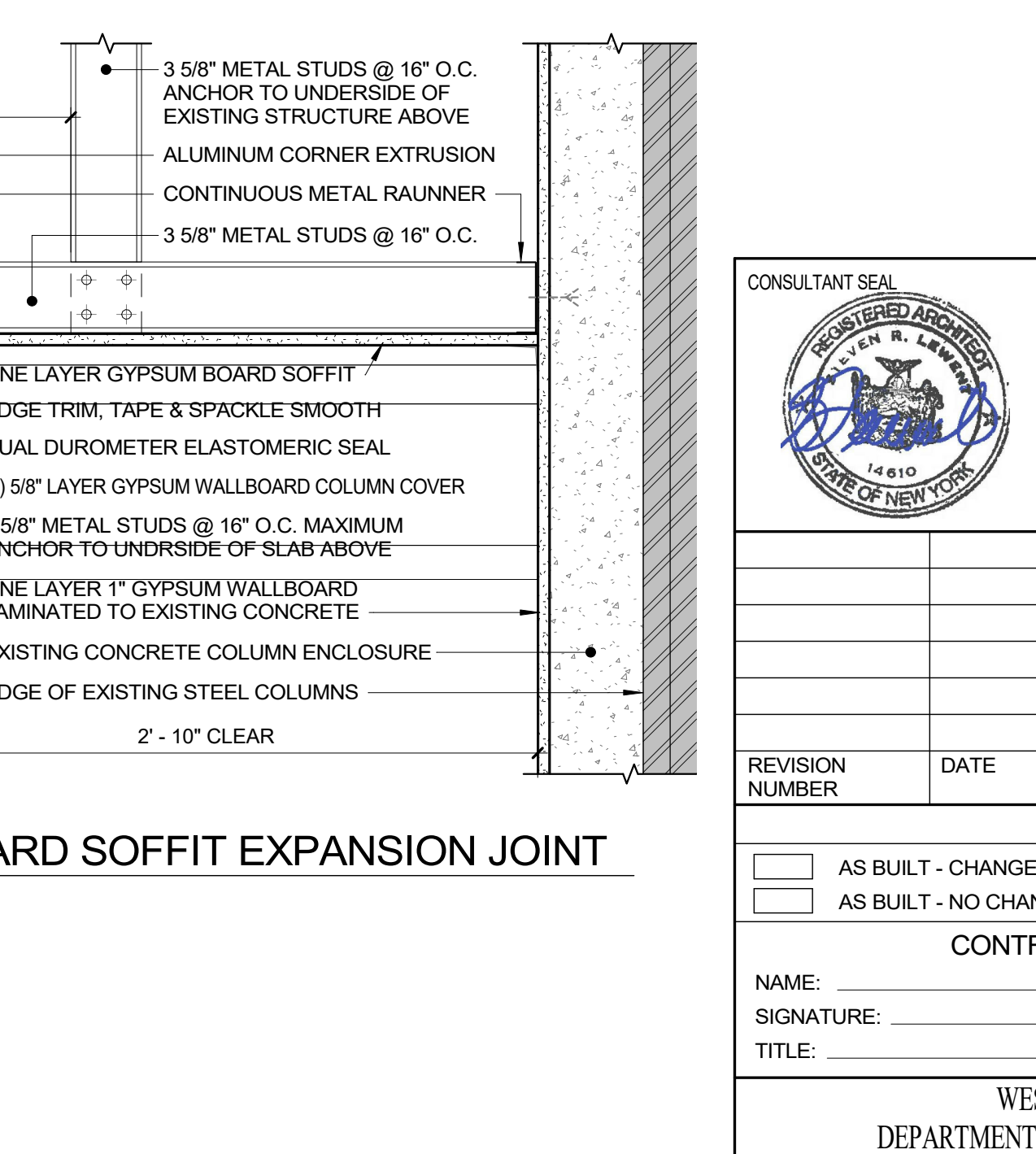
16 INNER RUN EXPANSION JOINT
1 1/2" = 1'-0"



17 TYP. CEILING DETAIL @ EXT'G. SKYLIGHT
1" = 1'-0"



18 CEILING - TRANSITION TO EXISTING
1 1/2" = 1'-0"



19 CLG. EXPANSION JOINT - ALONG WALL
1 1/2" = 1'-0"

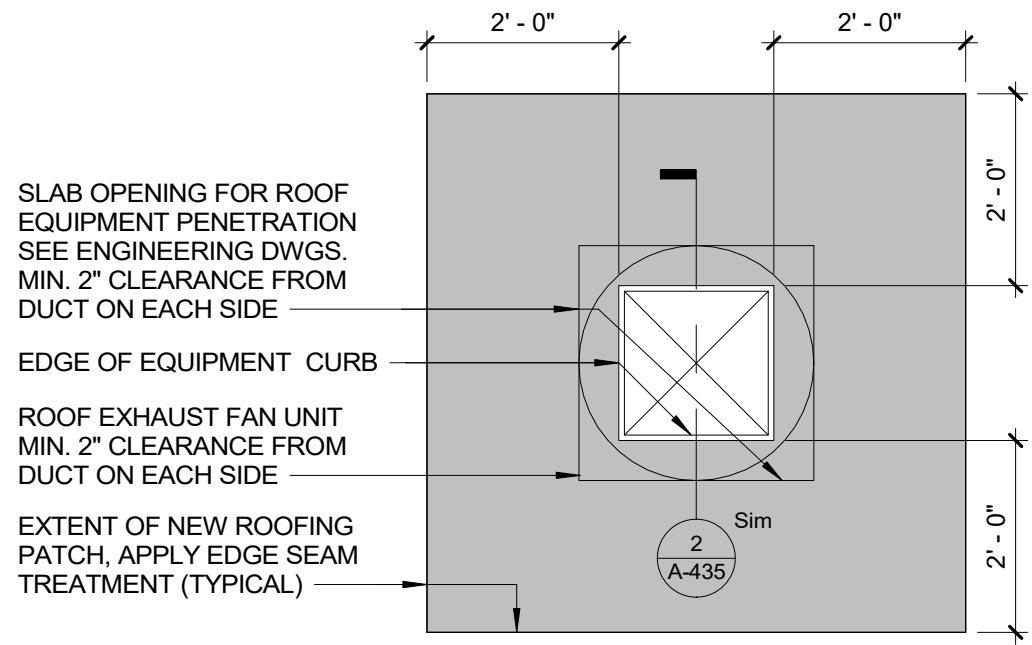


20 GYP. BOARD SOFFIT EXPANSION JOINT
1 1/2" = 1'-0"

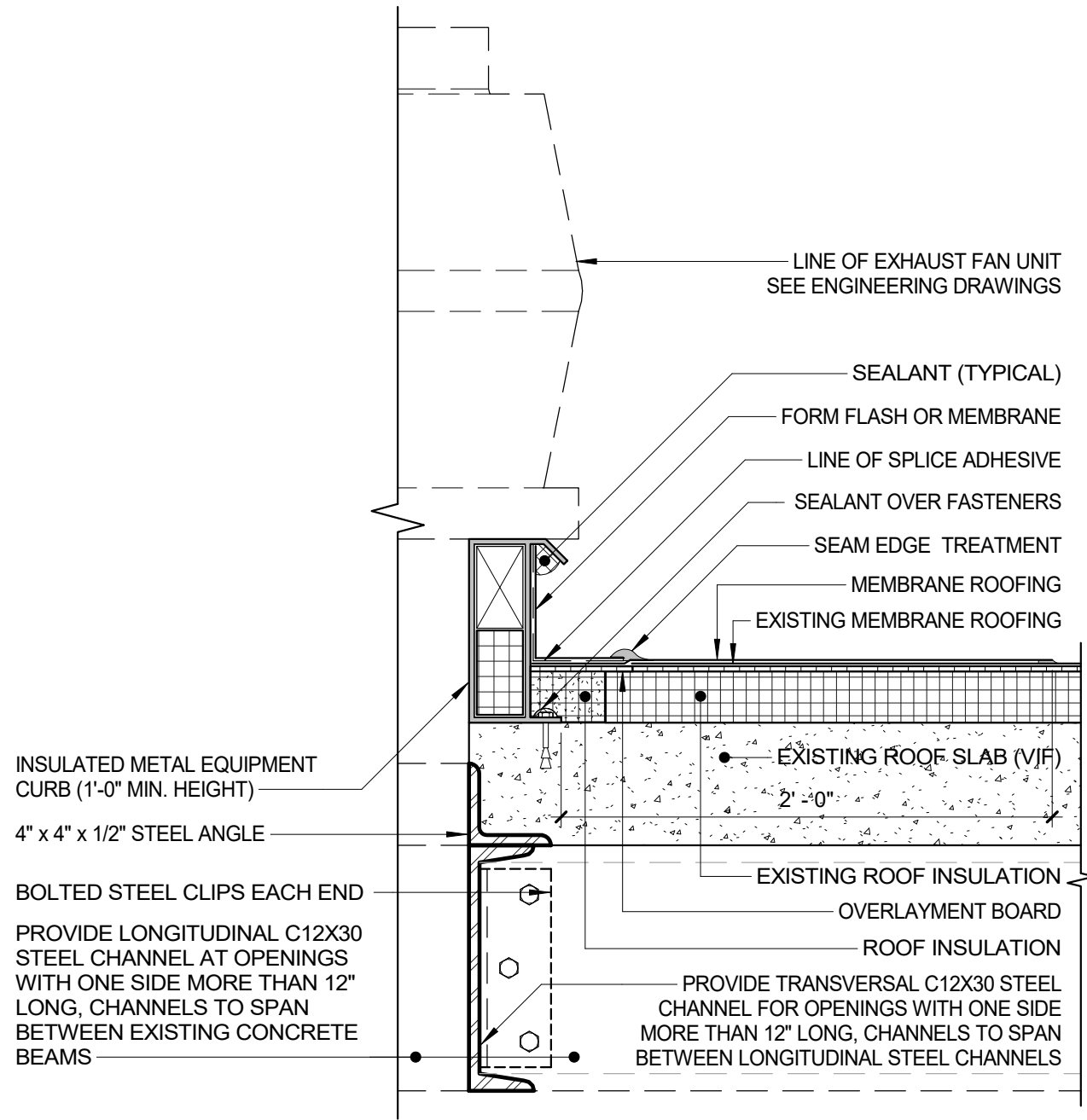
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		Graf & Lewent Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
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DIVISION OF ENGINEERING			
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK			
CONTRACT NUMBER 19-514		SHEET NUMBER A-433	
SHEET NO. 94 OF 106		SCALE: As indicated	
DATE: May 20, 2021		Issue Date	
DPW FILE NO.		REV NO. 0	
DETAILS			



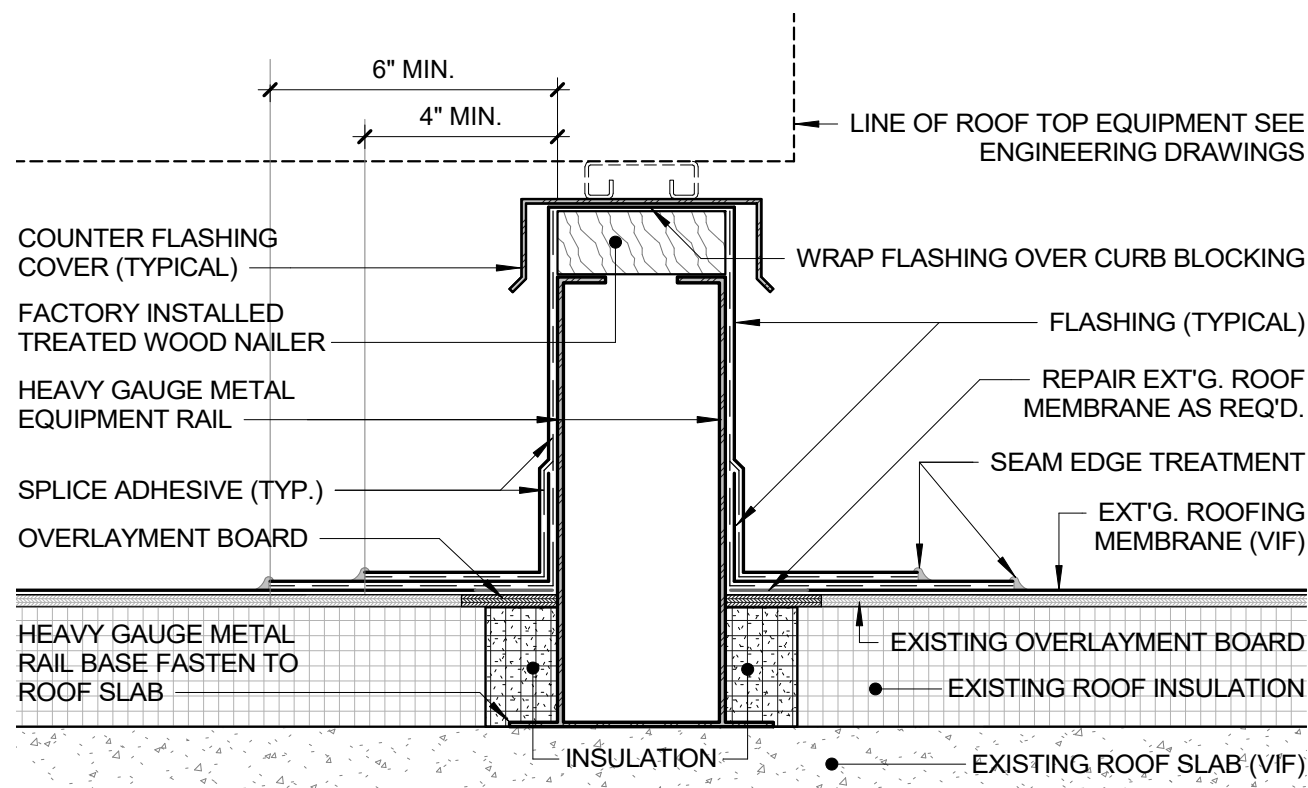
CONSULTANT SEAL 	CONSULTANT INFORMATION <h1 style="margin: 0;">Graf & Lewent</h1> <h2 style="margin: 0;">Architects LLP</h2> <p style="margin: 0;">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>			
Drawing Area				
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RECORD DRAWING CERTIFICATION				
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CONTRACTOR		CONTRACTOR		
NAME: _____		NAME: _____		
SIGNATURE: _____		SIGNATURE: _____		
TITLE: _____ DATE: _____		TITLE: _____ DATE: _____		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 19-514		SHEET NUMBER <div style="font-size: 2em; font-weight: bold; border: 1px solid black; padding: 5px; display: inline-block;">A-434</div>
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SHEET NO. 95 OF 106		SCALE: _____ As indicated DATE: May 20, 2021 Issue Date DPW FILE NO. 52-01-A-539 REV NO. 0
DETAILS				



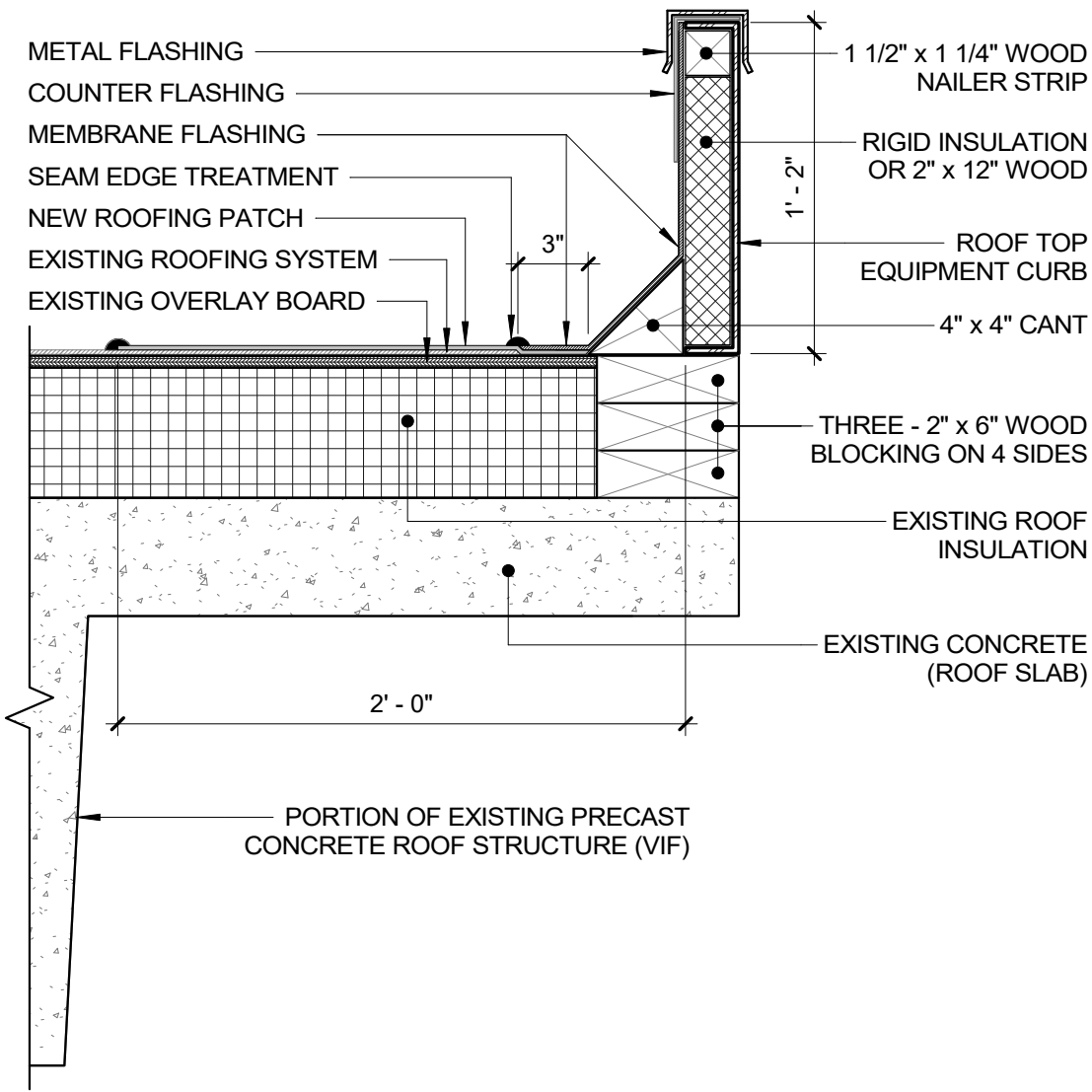
1 ROOF PATCHING DETAIL
1/2" = 1'-0"



2 ROOF PENETRATION - EXHAUST FAN
1 1/2" = 1'-0"

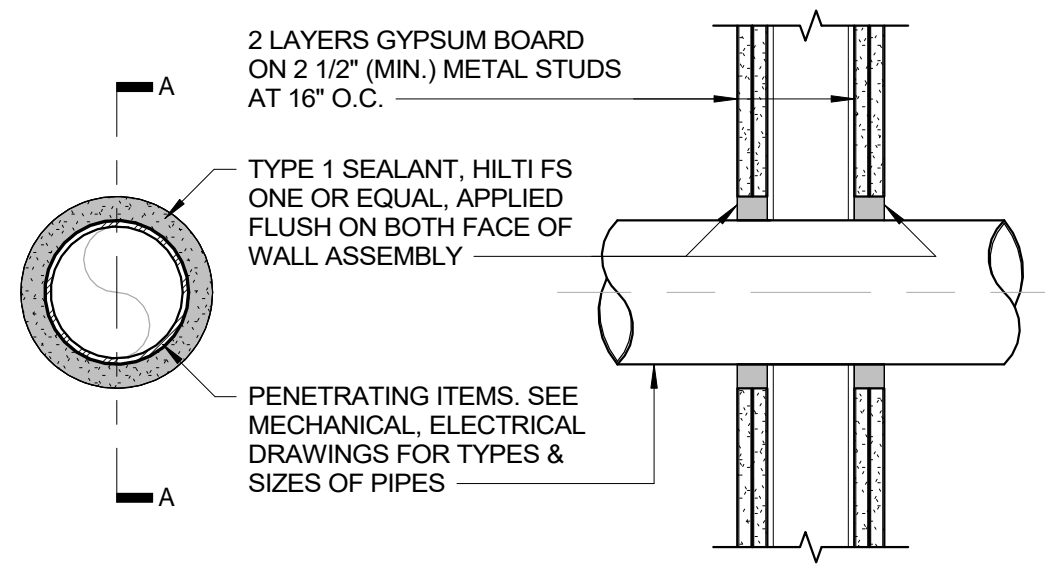


3 ROOF TOP EQUIPMENT RAIL DETAIL
3" = 1'-0"



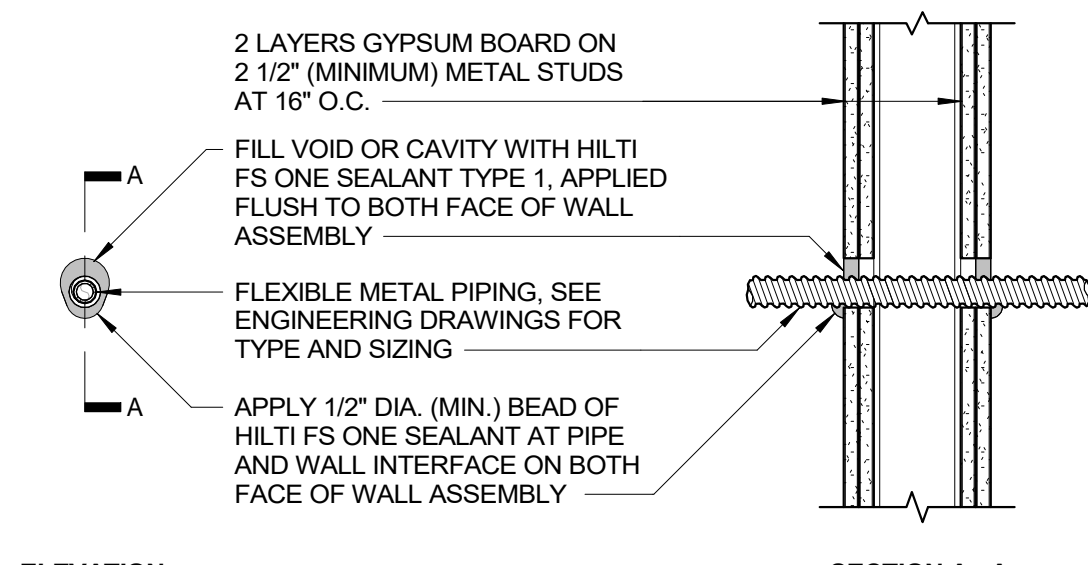
4 ROOF TOP EQUIPMENT CURB DETAIL
1 1/2" = 1'-0"

<div>CONSULTANT SEAL</div> <div></div>		<div>CONSULTANT INFORMATION</div> <div>Graf & Lewent Architects LLP</div> <div>90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</div>																										
<div>REVISION</div> <table><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																				
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<div>WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION</div>		<div>CONTRACT NUMBER 19-514</div>	<div>SHEET NUMBER A-435</div>																									
<div>DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK</div>		<div>SHEET NO. 96 OF 106</div>	<div>SCALE: As indicated DATE: May 20, 2021 Issue Date DPW FILE NO. 52-01-A-540 REV NO. 0</div>																									
<div>ROOF DETAILS</div>																												



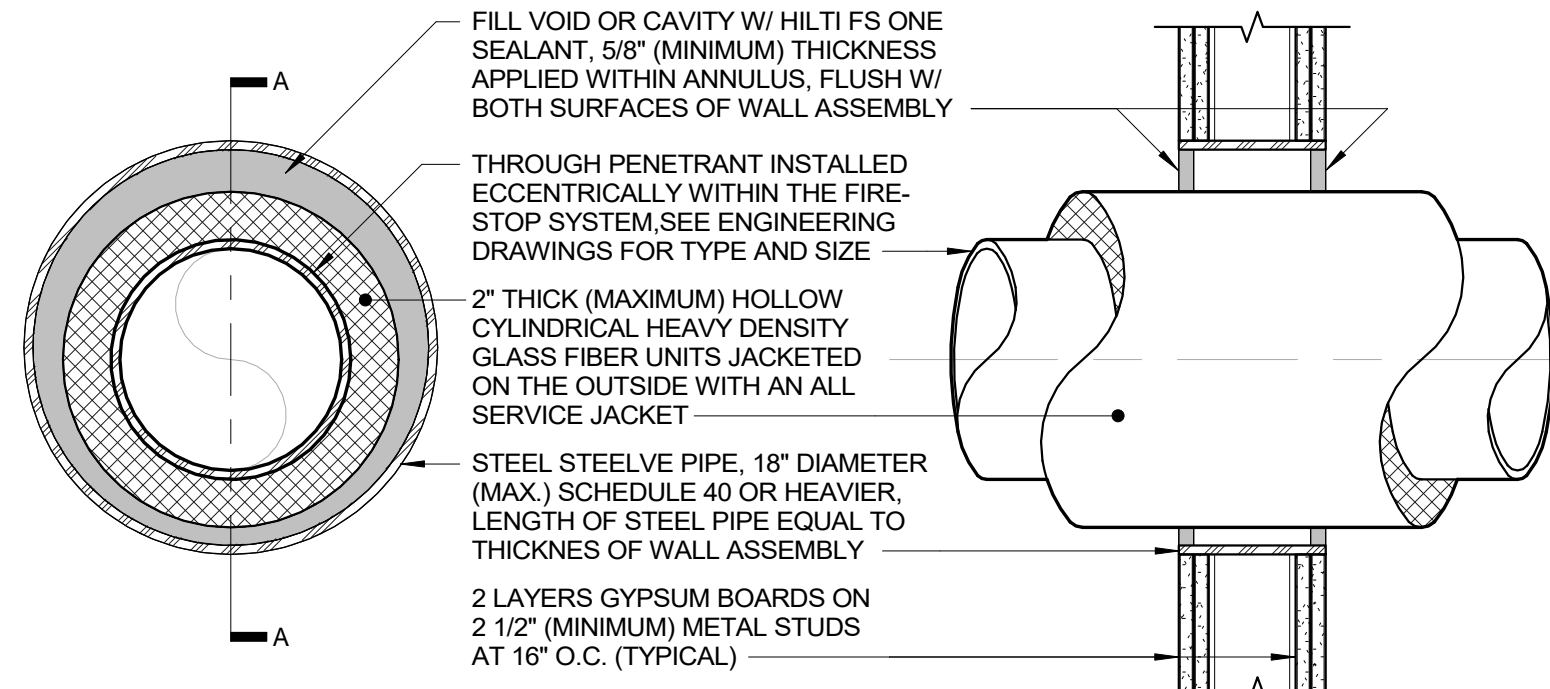
PIPE PENETRATION THROUGH 2 HR. GYPSUM BOARD WALL ASSEMBLY
2 HOUR FIRE RATED UL DESIGN W-L-1054

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



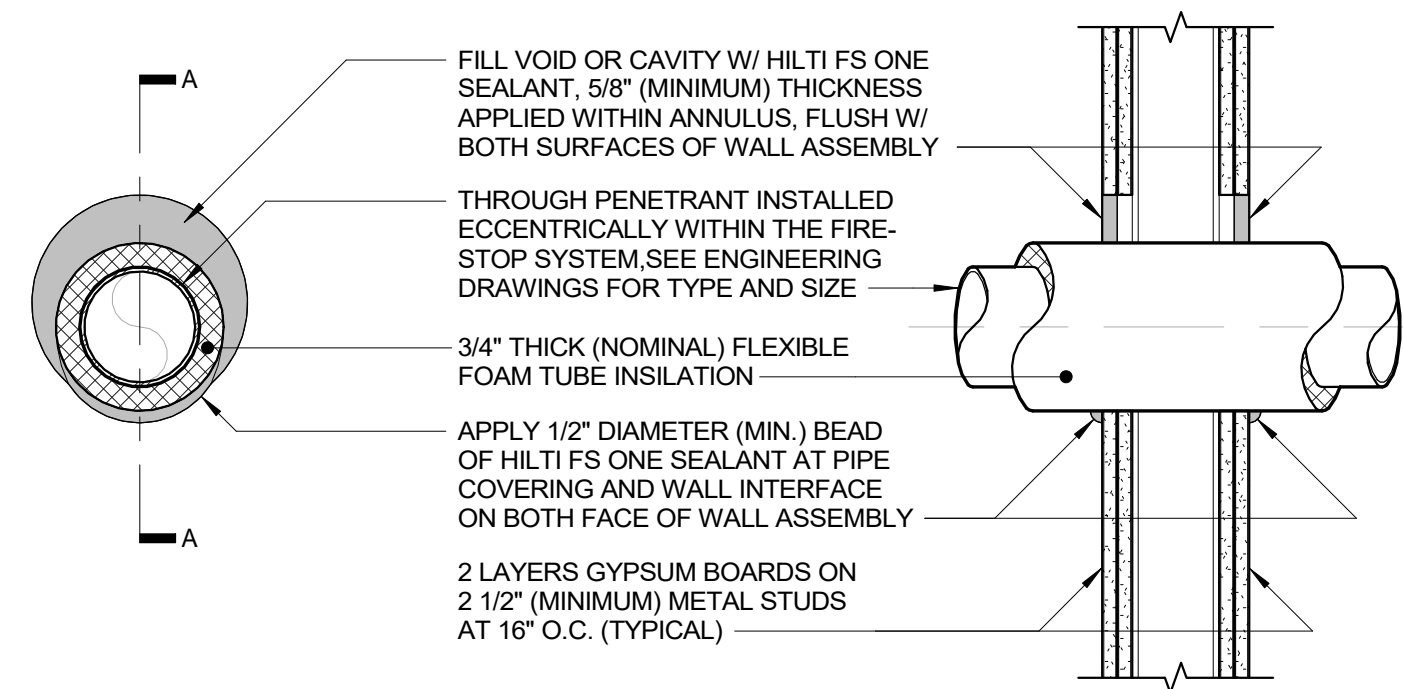
FLEXIBLE METAL CONDUIT THROUGH 2 HOUR GYPSUM BOARD WALL ASSEMBLY
2 HOUR FIRE RATED UL DESIGN W-L-1243

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



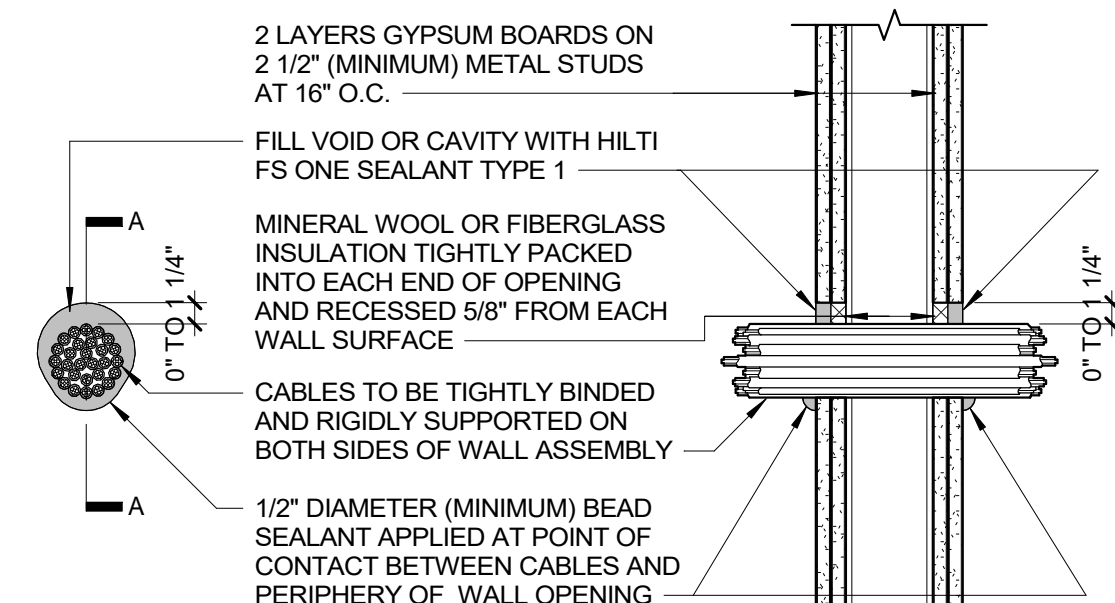
INSULATED METAL PIPE THROUGH A SLEEVE IN 2 HR. GYPSUM BOARD WALL ASSEMBLY
2 HOUR FIRE RATED UL DESIGN W-L-5096

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



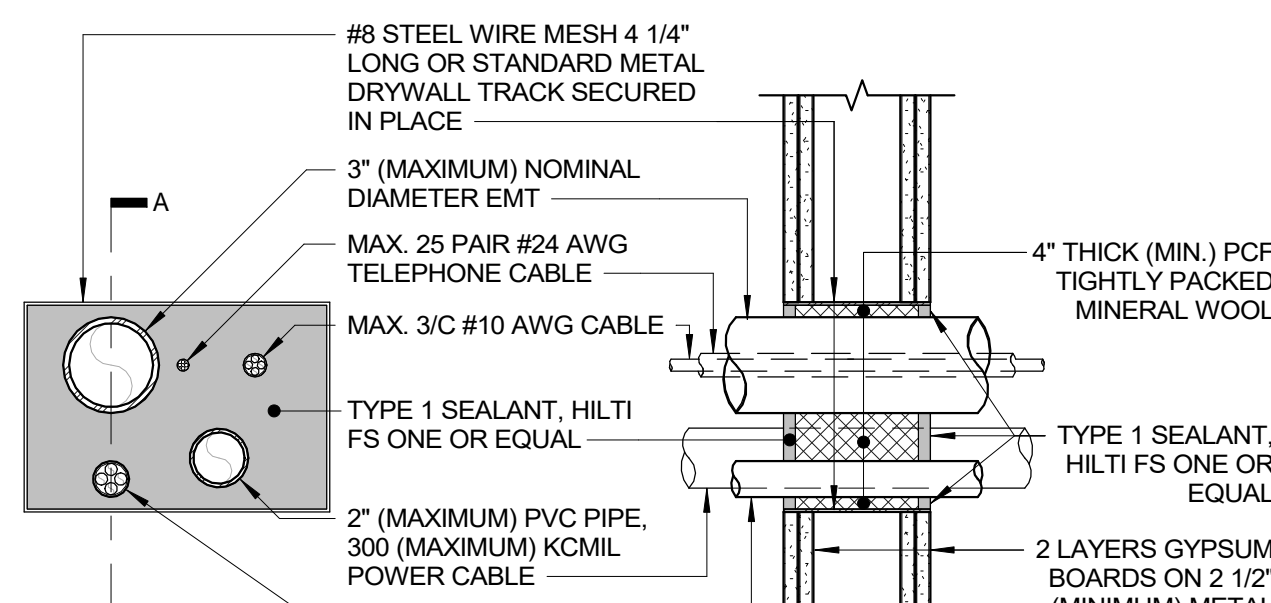
INSULATED METAL PIPE THROUGH A SLEEVE IN 2 HR. GYPSUM BOARD WALL ASSEMBLY
2 HOUR FIRE RATED UL DESIGN W-L-5028

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



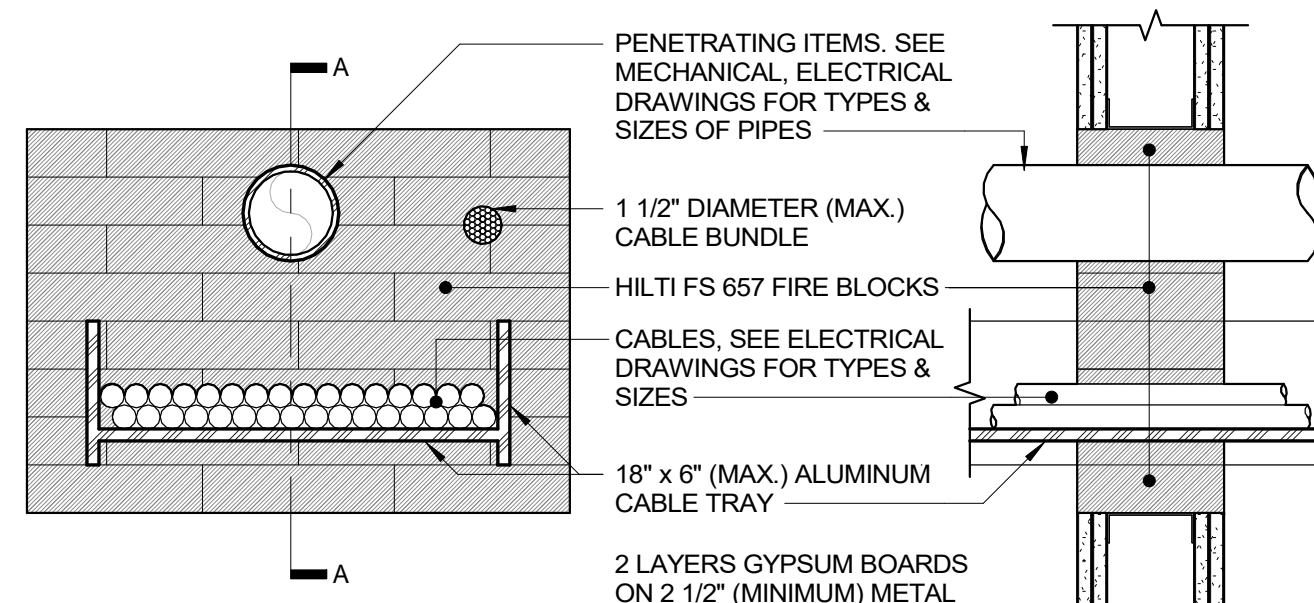
MULTIPLE CABLES THROUGH 2 HOUR GYPSUM BOARD WALL ASSEMBLY
2 HOUR FIRE RATED UL DESIGN W-L-3456

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



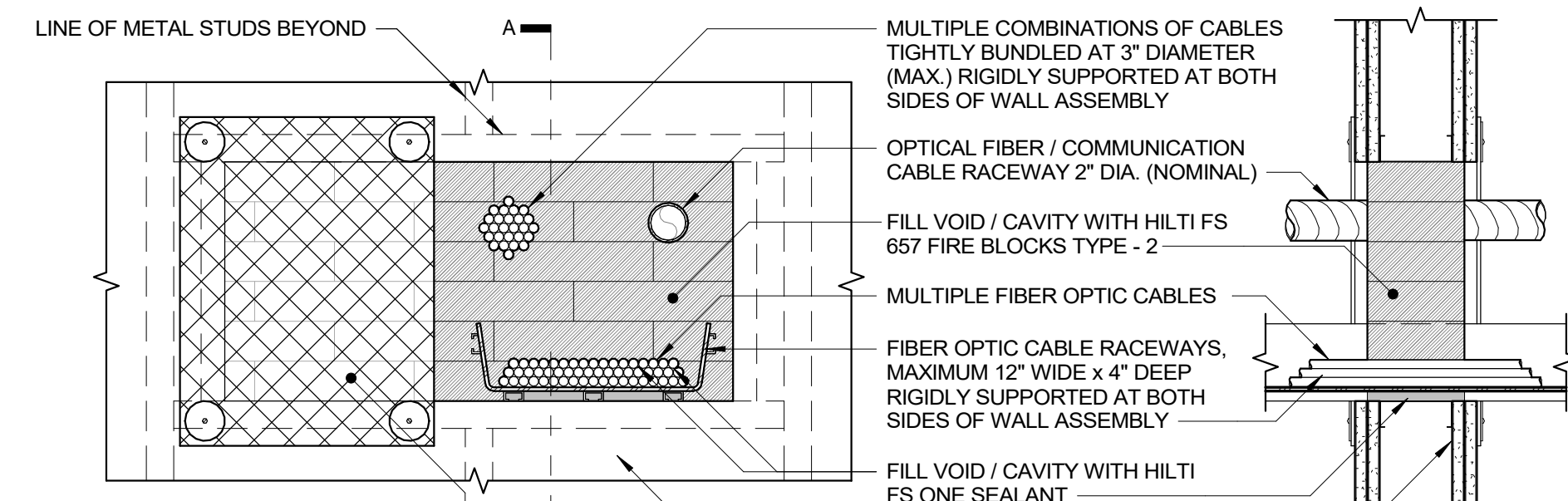
MULTIPLE PENETRATION THROUGH 2 HR. GYPSUM BOARD WALL ASSEMBLY
2 HOUR FIRE RATED UL DESIGN W-L-8004

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



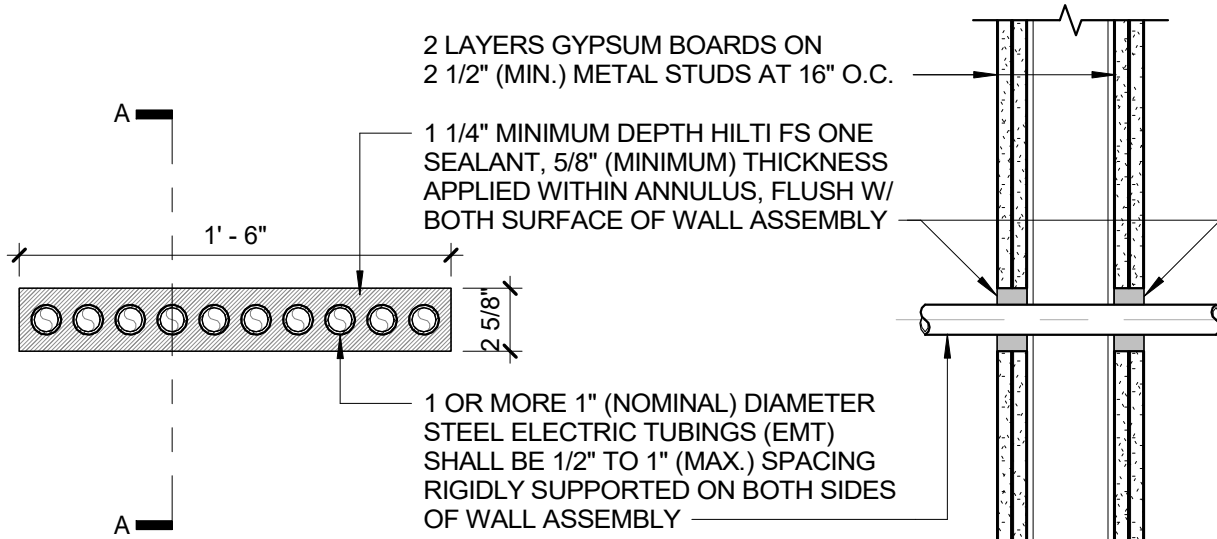
MULTIPLE PENETRATION THROUGH 2 HR. GYPSUM BOARD WALL ASSEMBLY
2 HOUR FIRE RATED UL DESIGN W-L-8013

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



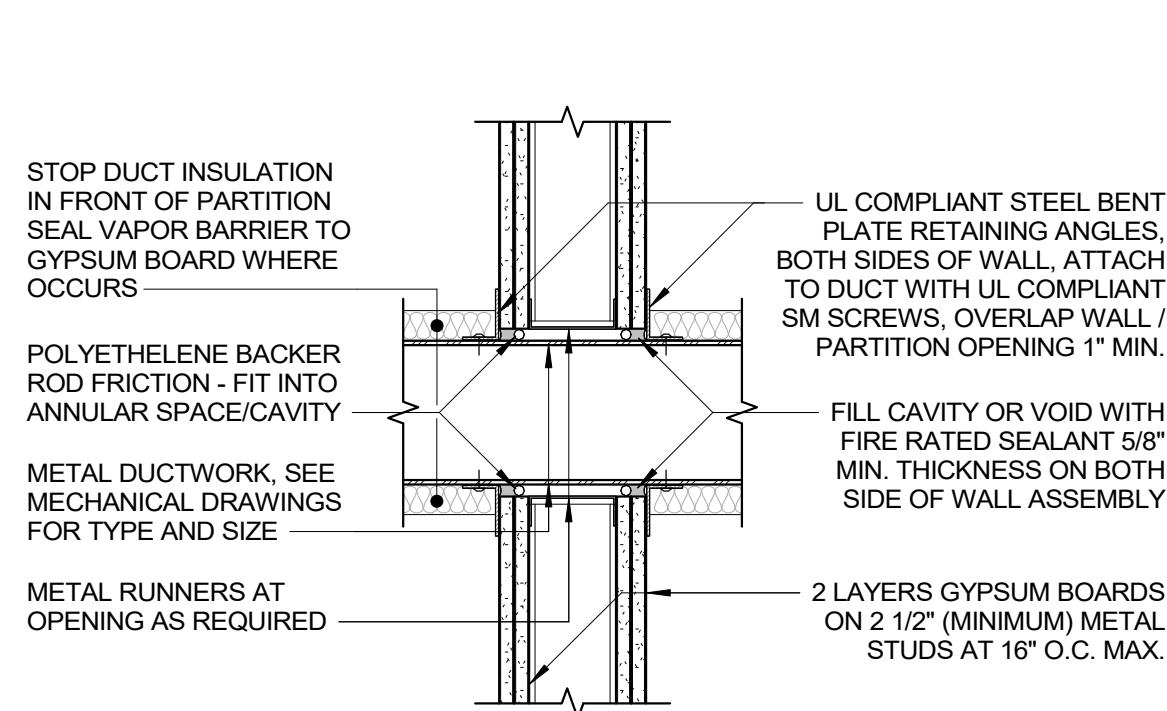
MULTIPLE PENETRATION THROUGH 2 HR. GYPSUM BOARD WALL ASSEMBLY
2 HOUR FIRE RATED UL DESIGN W-L-8035

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



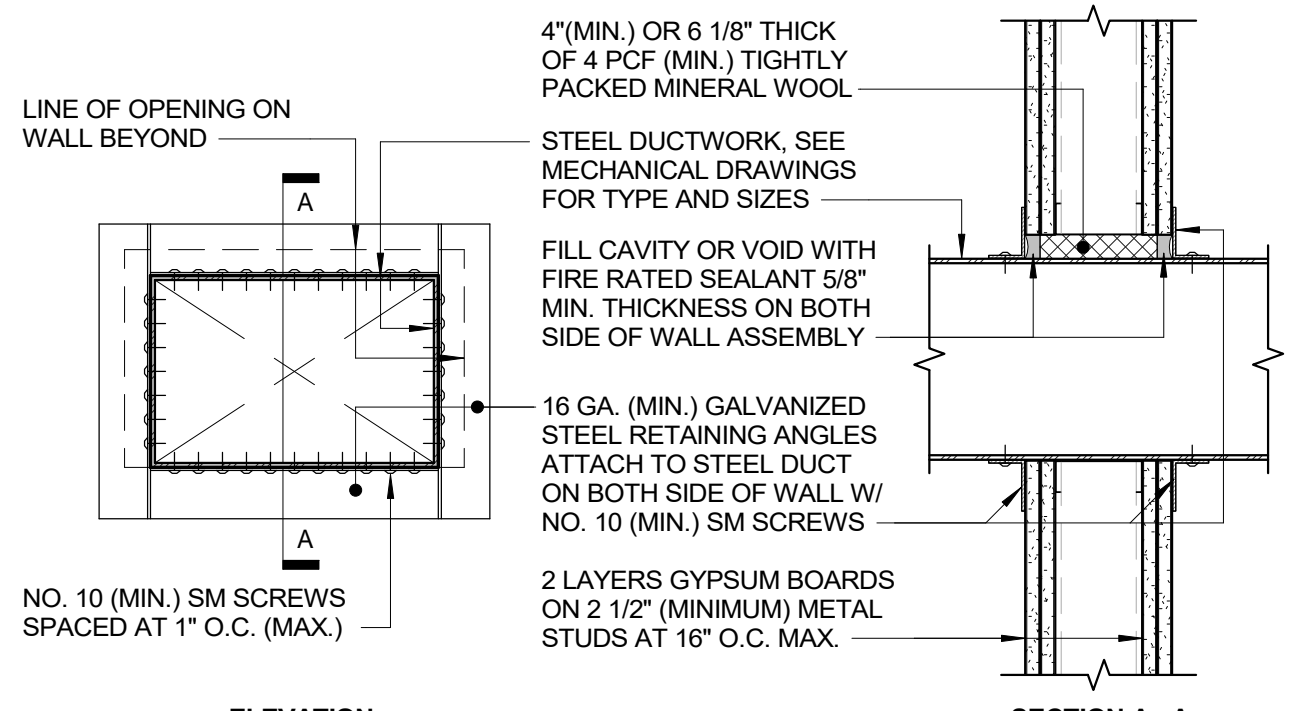
MULTIPLE METAL PIPES THROUGH 2 HR. GYPSUM BOARD WALL ASSEMBLY
2 HOUR FIRE RATED UL DESIGN W-L-1095

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



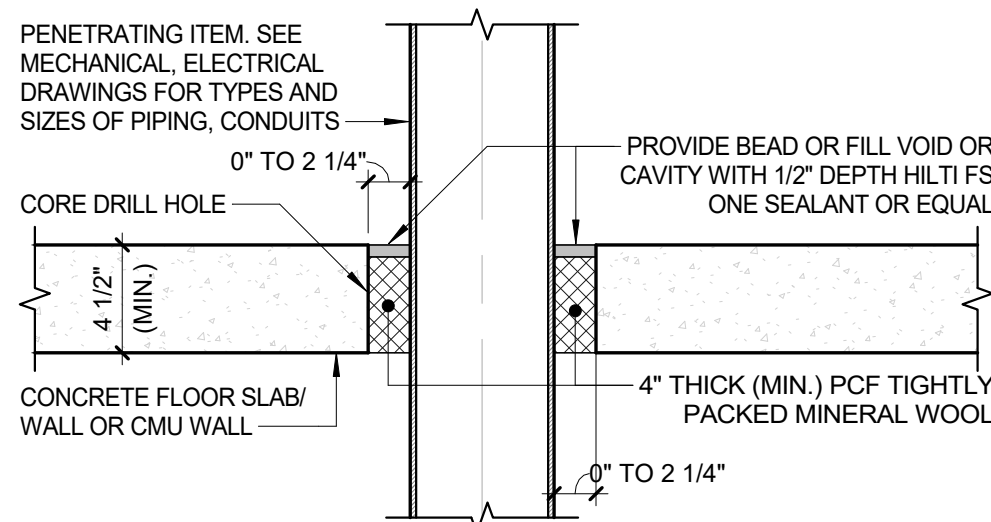
METAL DUCT THROUGH 2 HR. GYPSUM BOARD WALL ASSEMBLY
2 HOUR FIRE RATED UL DESIGN W-L-7008

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



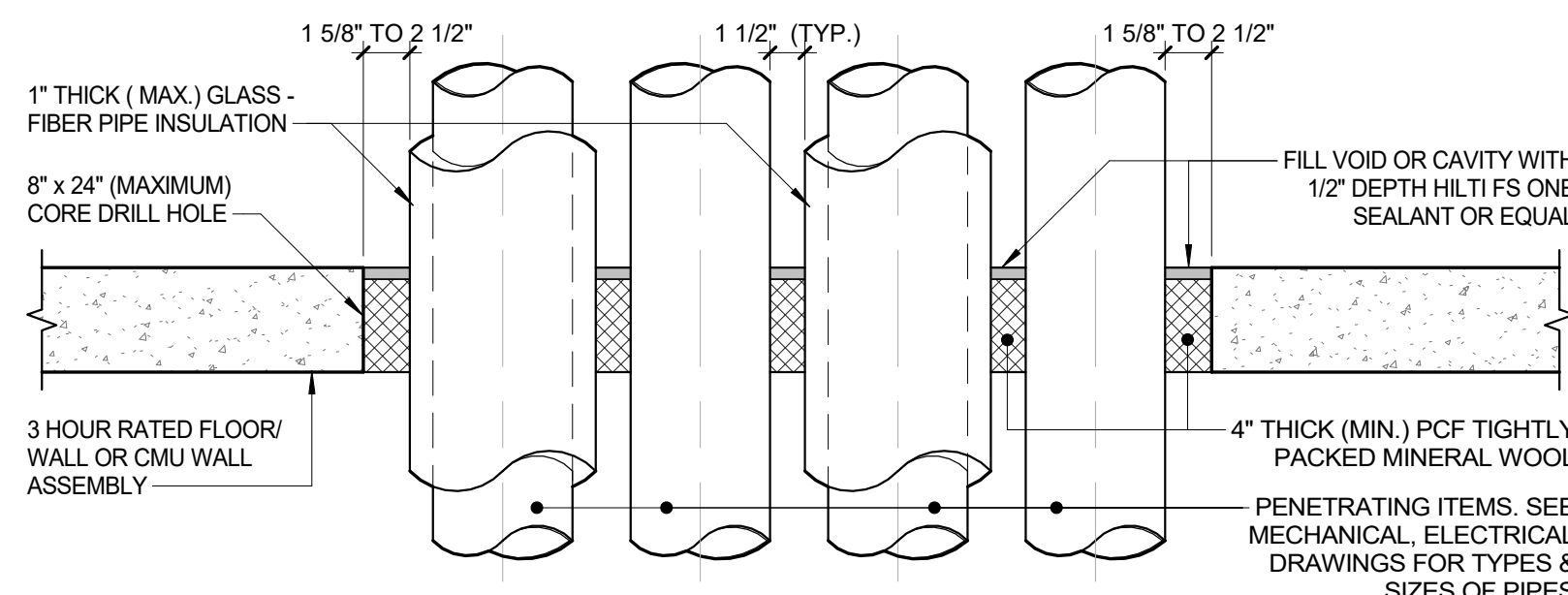
METAL DUCT THROUGH 2 HR. GYPSUM BOARD WALL ASSEMBLY
2 HOUR FIRE RATED UL DESIGN W-L-7080

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



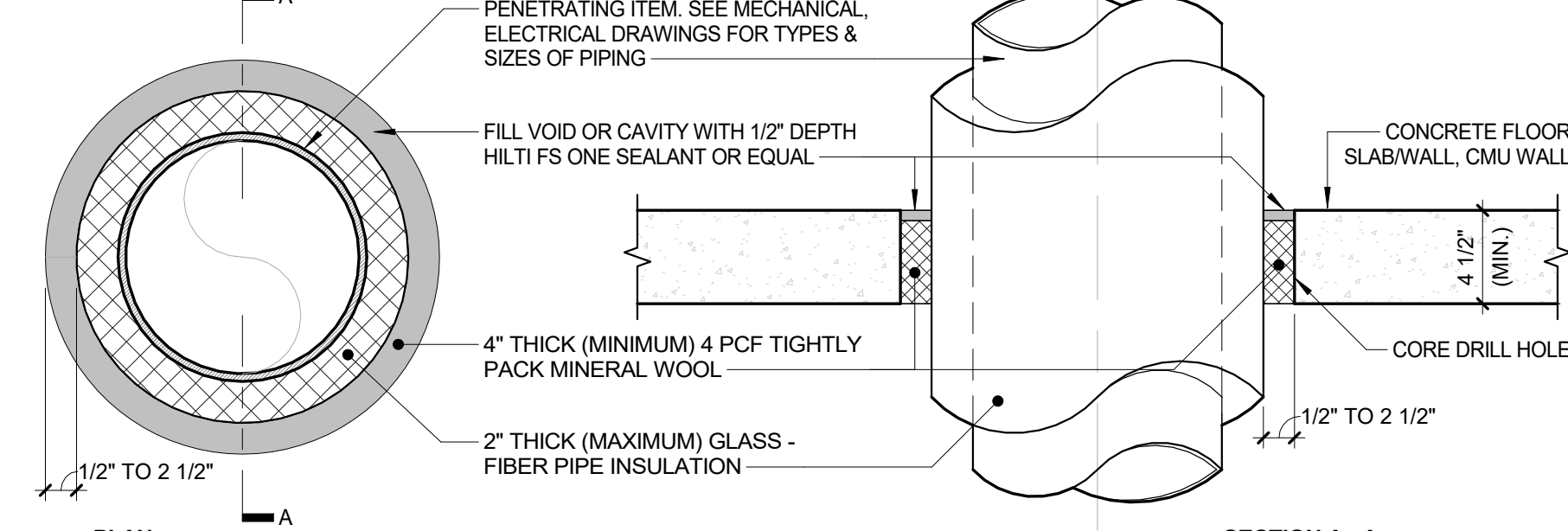
METAL PIPE THROUGH CONCRETE FLOOR / WALL OR CMU WALL
2 HOUR FIRE RATED UL DESIGN C-AJ-1149

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



MULTIPLE INSULATED / NON-INSULATED PIPES THROUGH CONCRETE FLOOR / WALL OR CMU WALL
3 HOUR FIRE RATED UL DESIGN C-AJ-8041

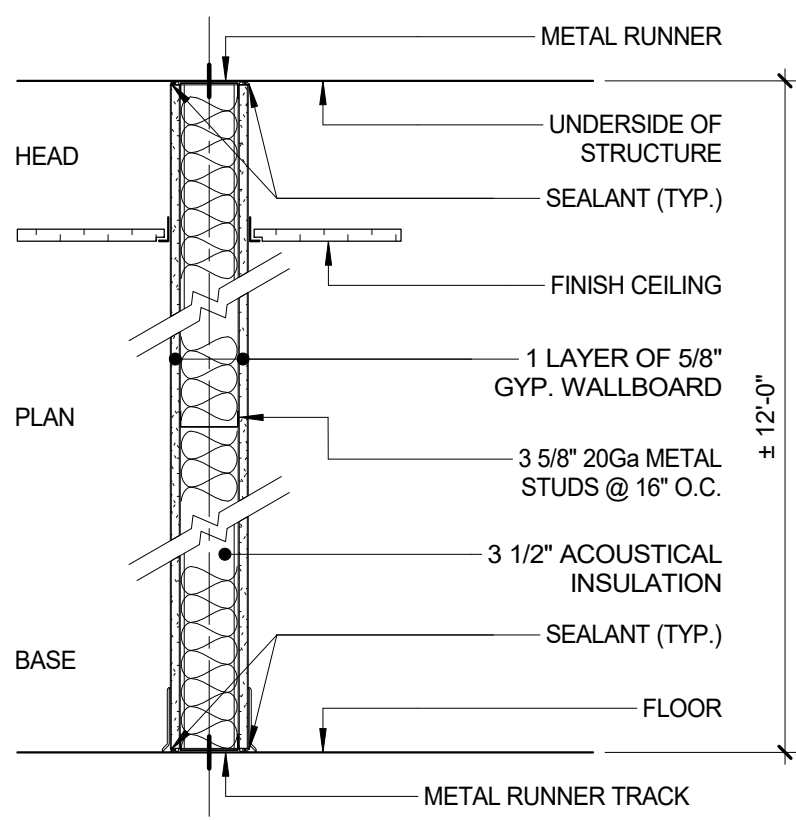
13 FIRESTOPPING @ CONC. SLAB (MULTIPLE)
1 1/2" = 1'-0"



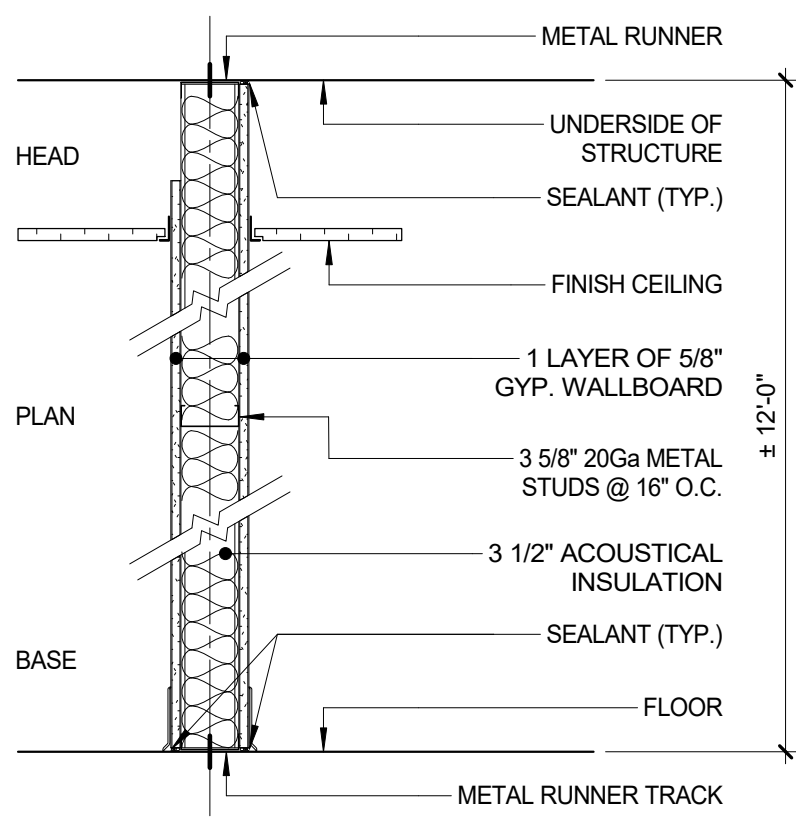
INSULATED PIPE THROUGH CONCRETE FLOOR / WALL OR CMU WALL
2 HOUR FIRE RATED UL DESIGN C-AJ-5091

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

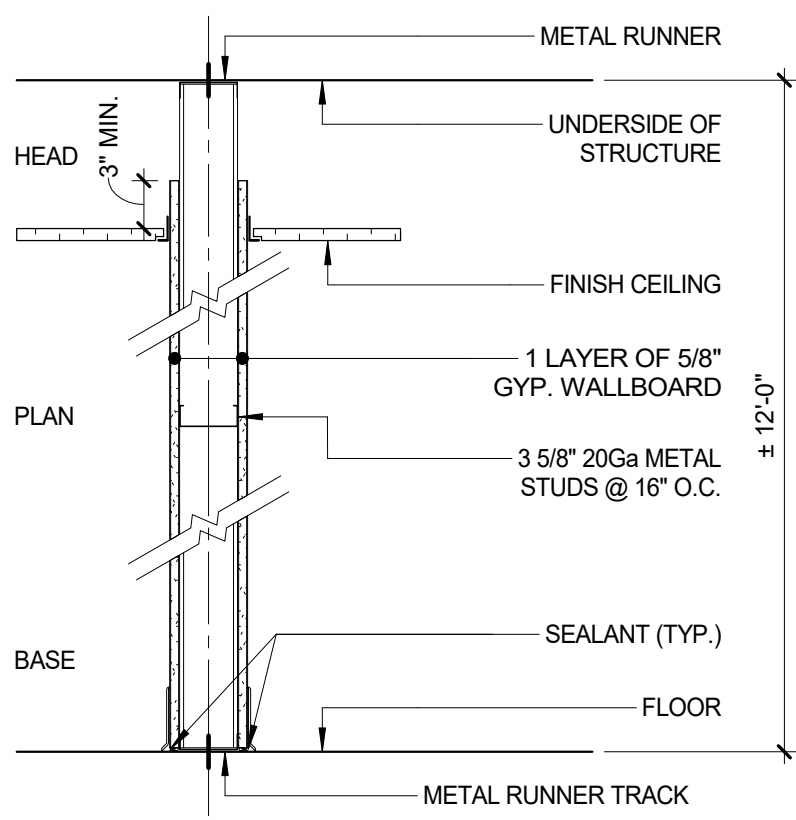
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Graff & Lewent Architects LLP		90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
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REVISION		APP'D BY	REVISION
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CONTRACTOR		CONTRACTOR	
NAME: SIGNATURE: TITLE:		NAME: SIGNATURE: TITLE:	
DATE:		DATE:	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	
DIVISION OF ENGINEERING		SHEET NO. 97 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 1 1/2" = 1'-0"	
FIRESTOPPING DETAILS		DATE: May 20, 2021 DPW FILE NO. 52-01-A-541	



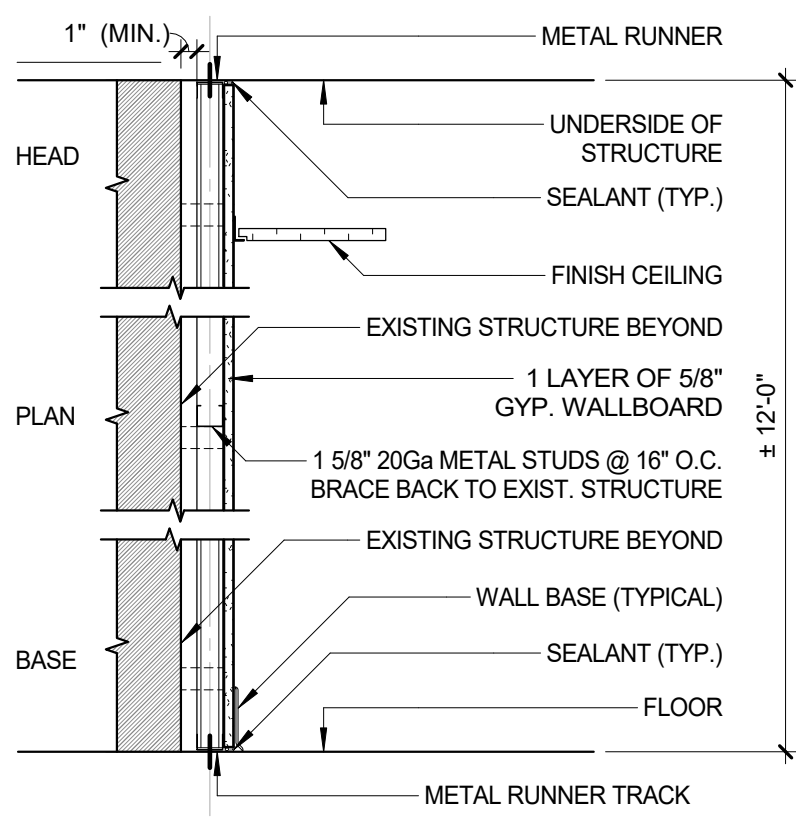
1 WT 1 - G. WB. PARTITION
1" = 1'-0"



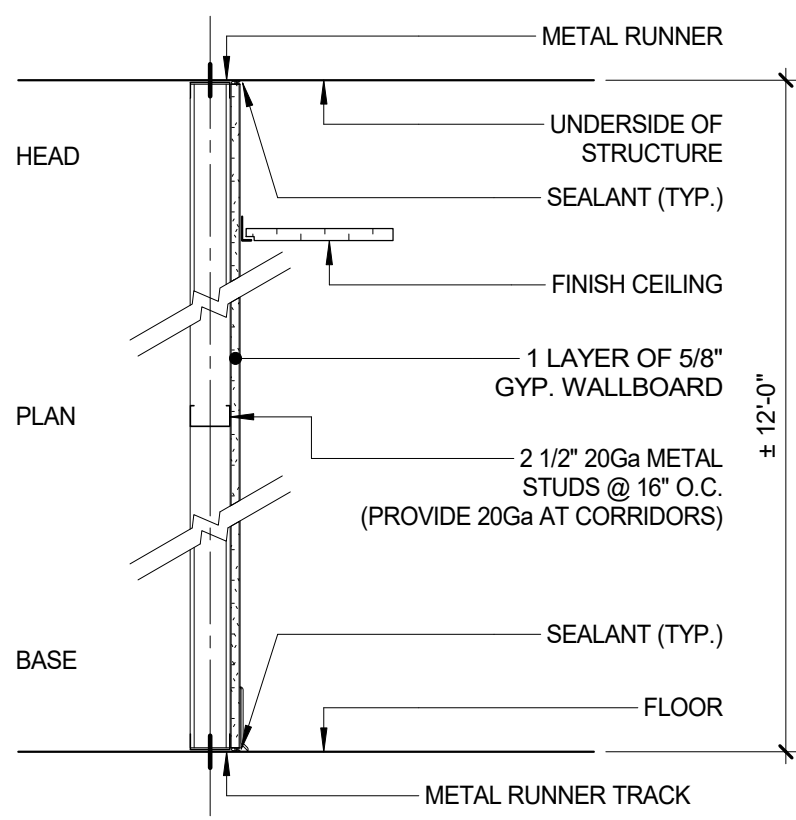
2 WT 2 - G. WB. PARTITION
1" = 1'-0"



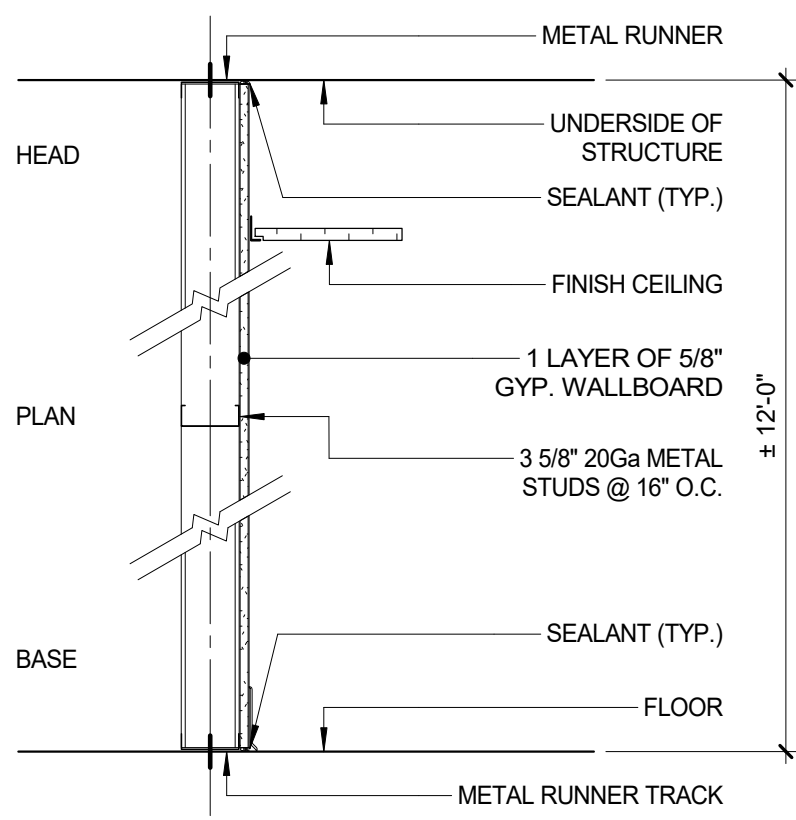
3 WT 3 - G. WB. PARTITION
1" = 1'-0"



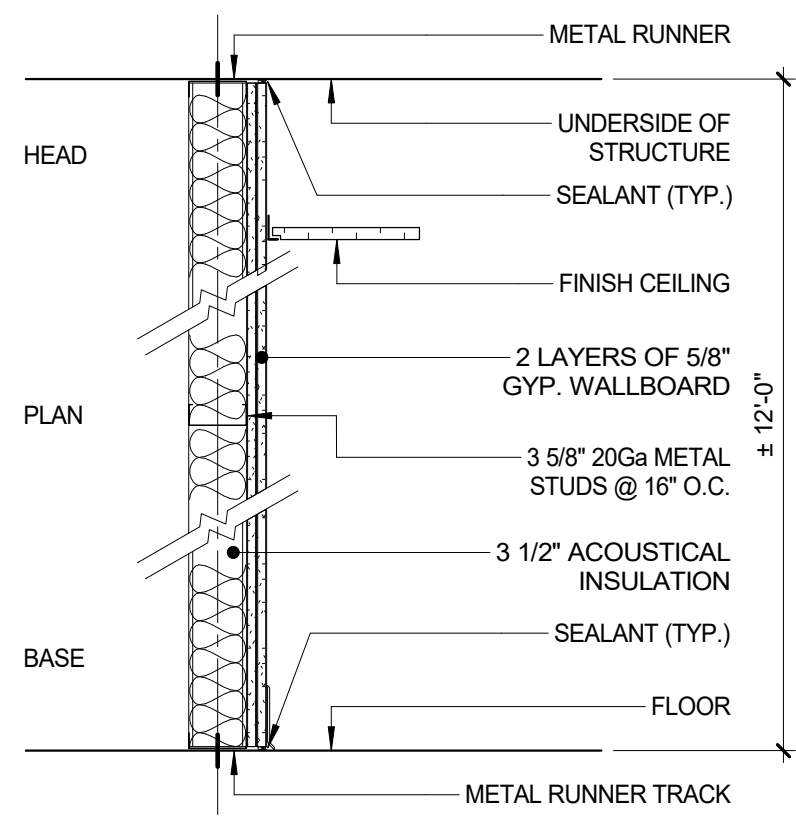
4 WT 4 - G. WB. PARTITION
1" = 1'-0"



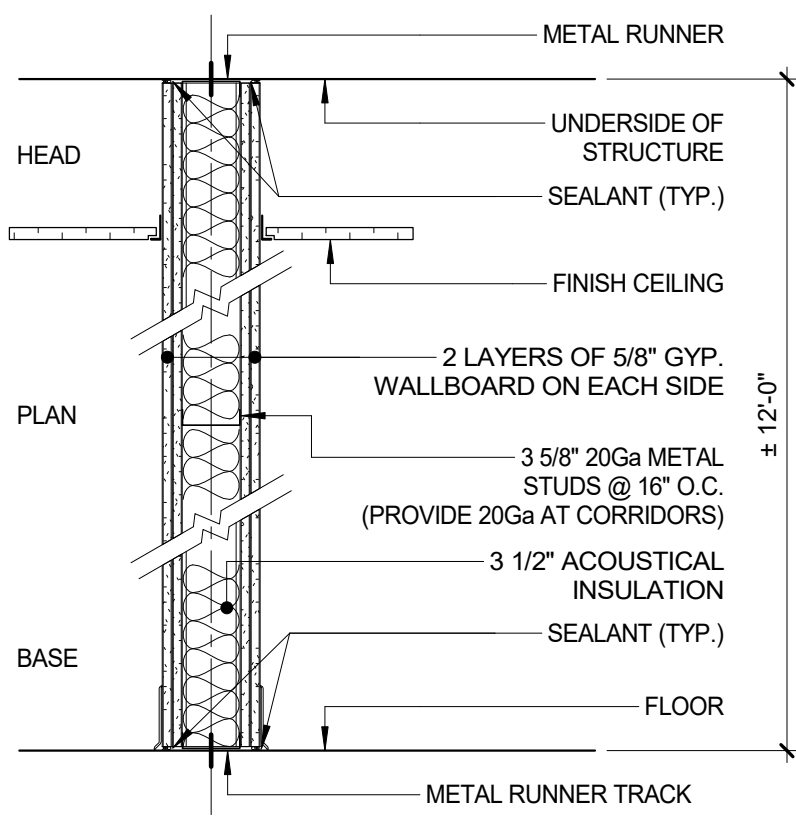
5 WT 5 - G. WB. PARTITION
1" = 1'-0"



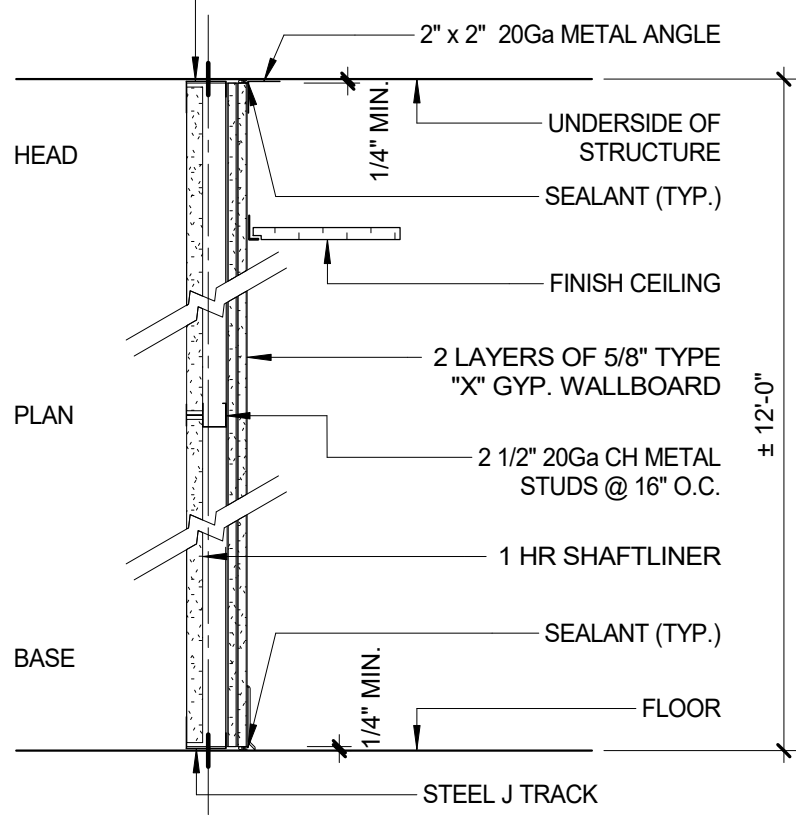
6 WT 6 - G. WB. PARTITION
1" = 1'-0"



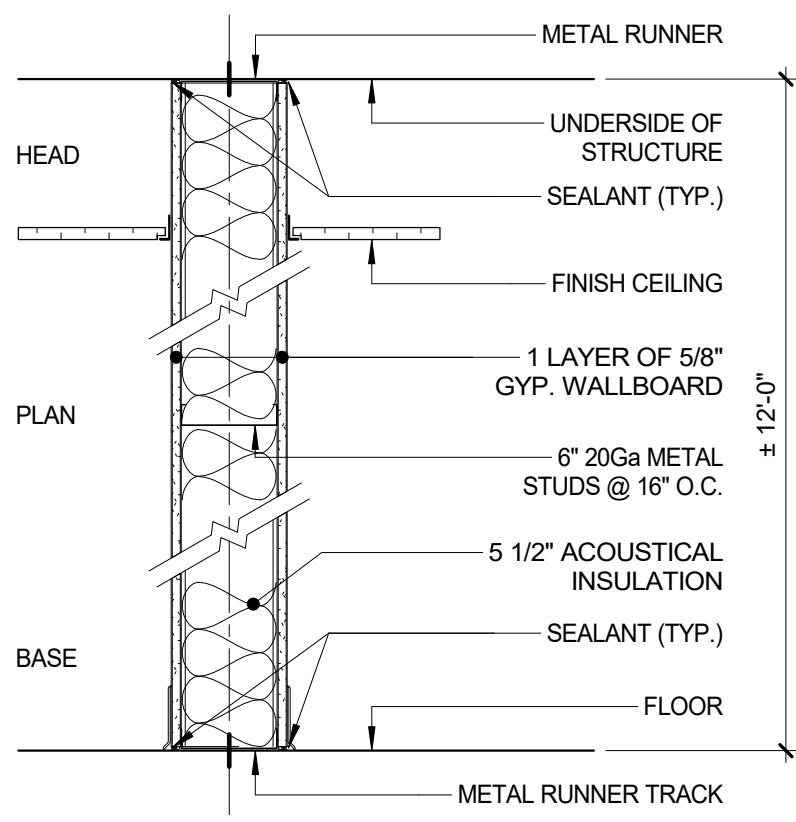
7 WT 7 - G. WB. PARTITION
1" = 1'-0"



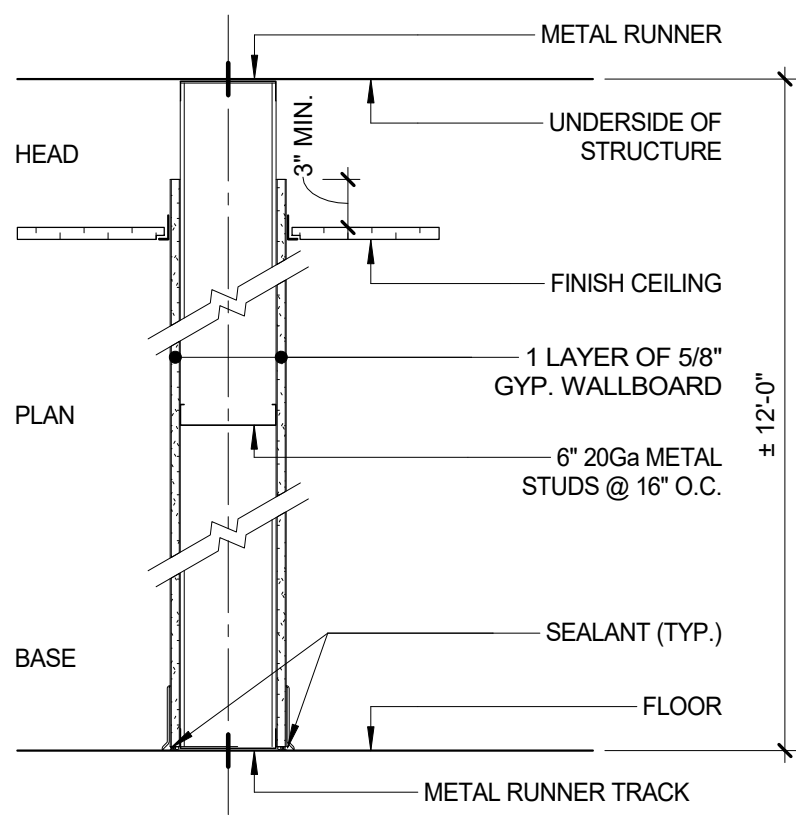
8 WT 8 - G. WB. PARTITION
1" = 1'-0"



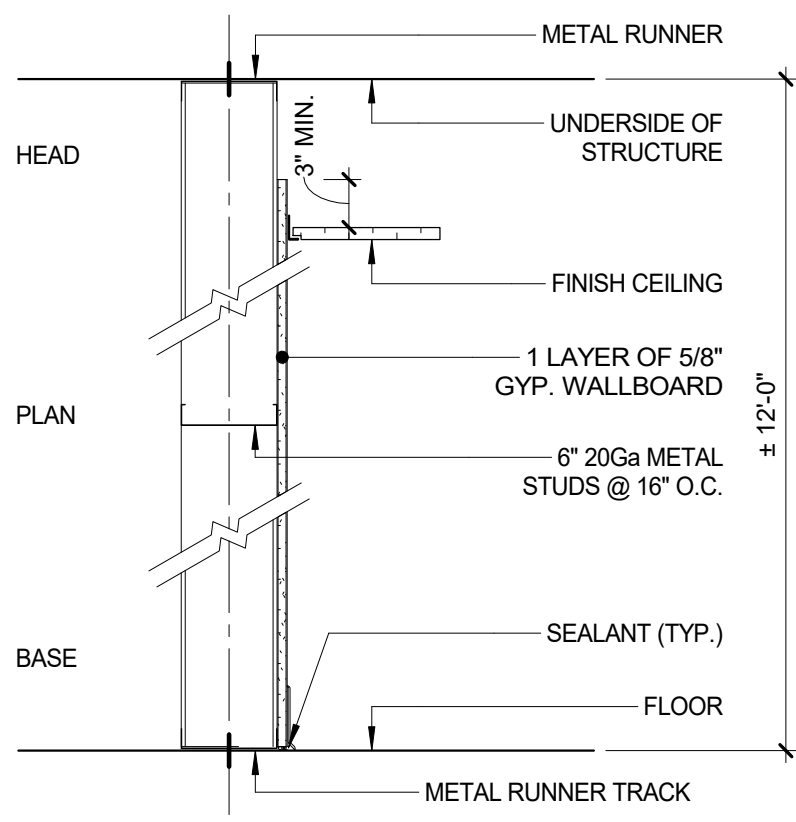
9 WT 9 - G. SW. PARTITION
1" = 1'-0"



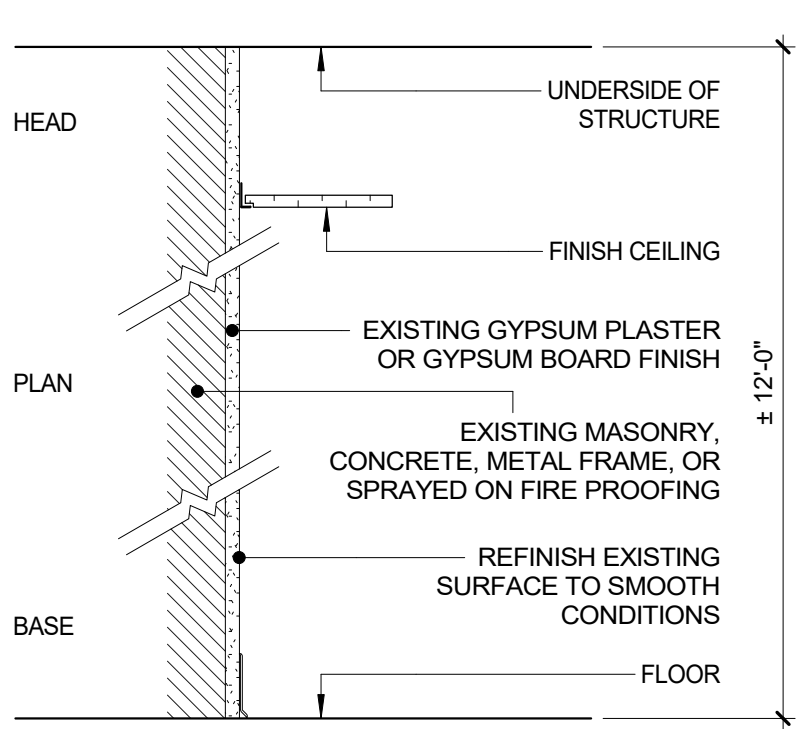
10 WT 10 - G. WB. PARTITION
1" = 1'-0"



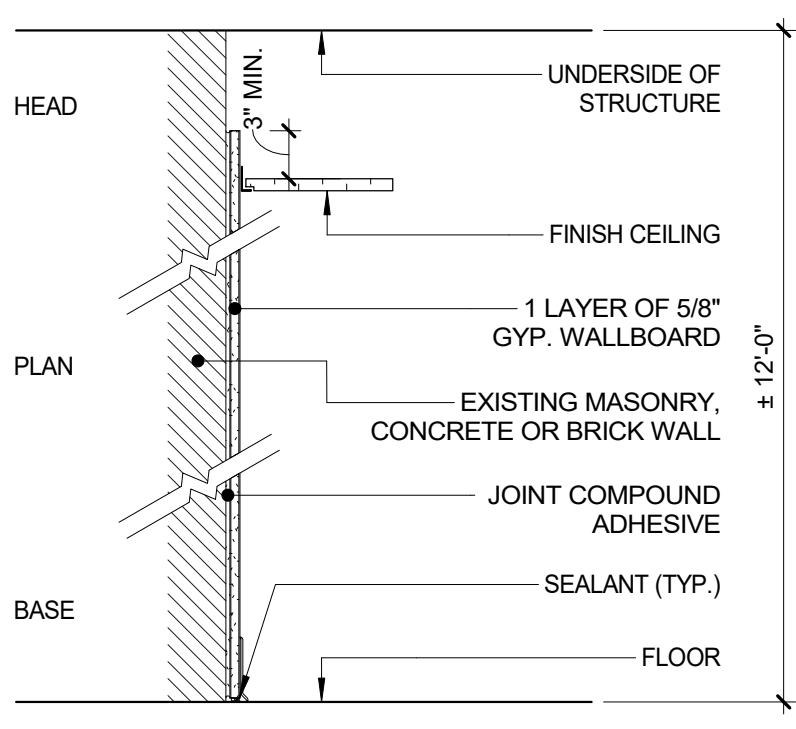
11 WT 11 - G. WB. PARTITION
1" = 1'-0"



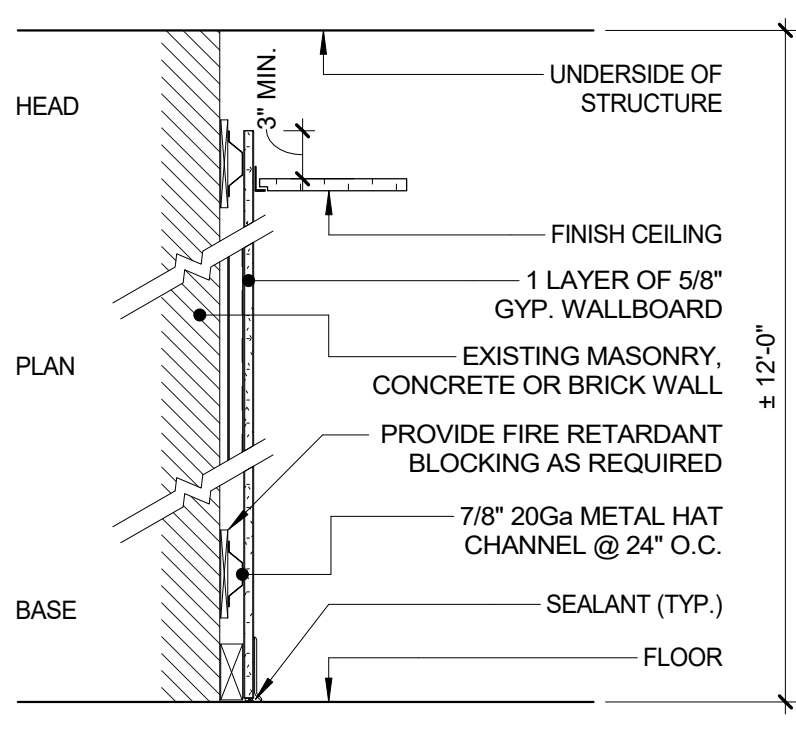
12 WT 12 - G. WB. PARTITION
1" = 1'-0"



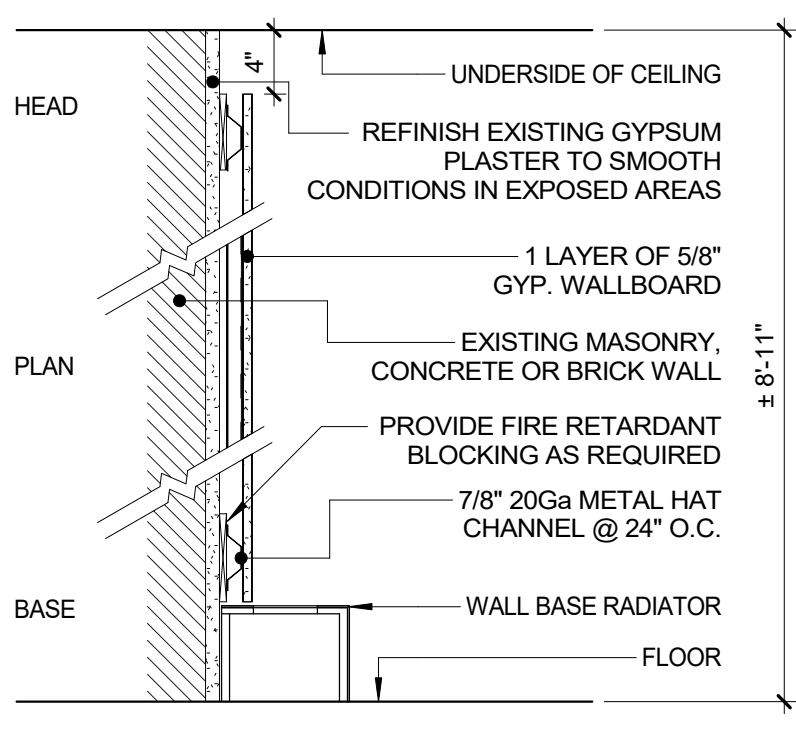
13 WT 13 - G. PLASTER
1" = 1'-0"



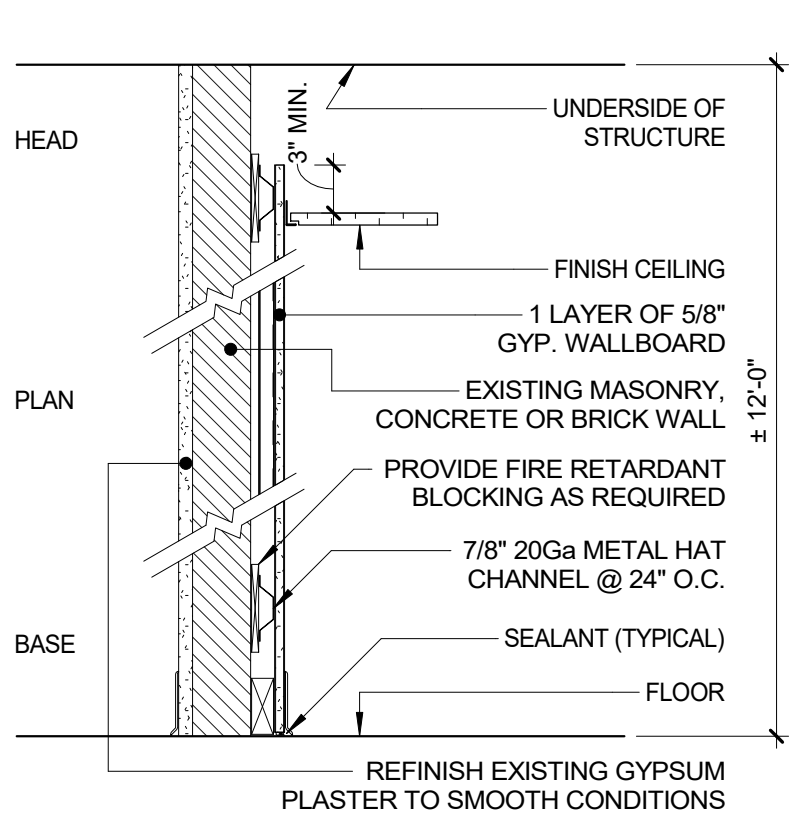
14 WT 14 - LAMINATED G. WB.
1" = 1'-0"



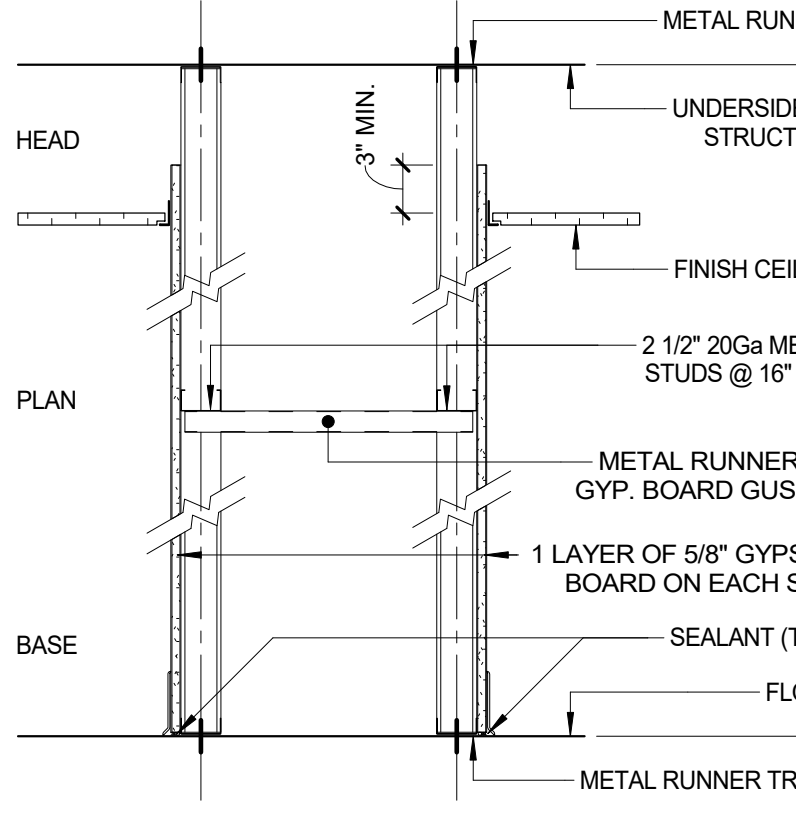
15 WT 15 - FURRED G. WB.
1" = 1'-0"



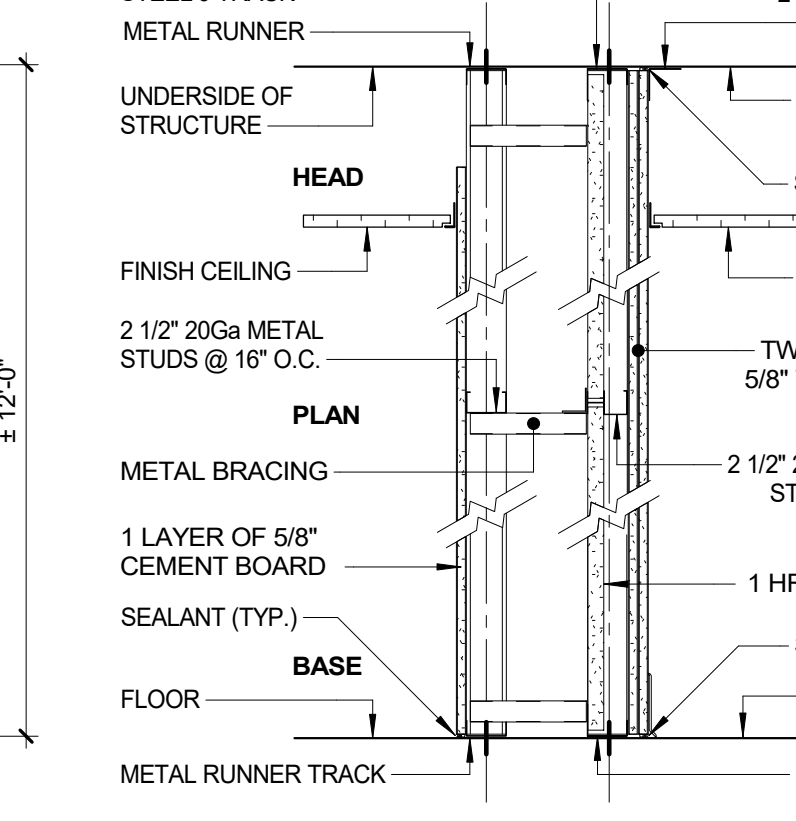
16 WT 16 - FURRED G. WB.
1" = 1'-0"



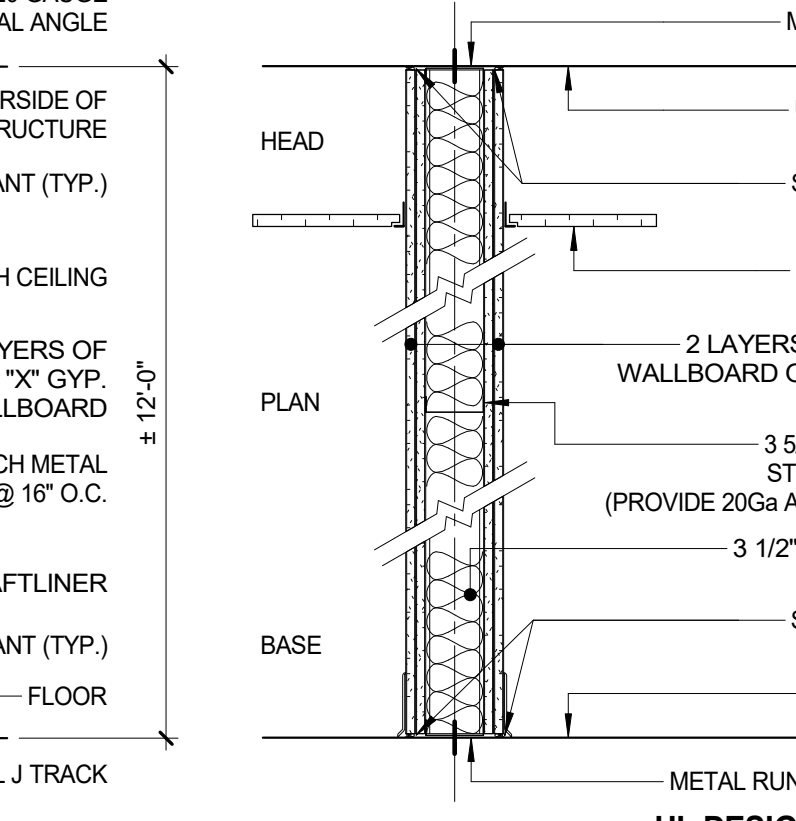
17 WT 17 - G. WB. FURRING
1" = 1'-0"



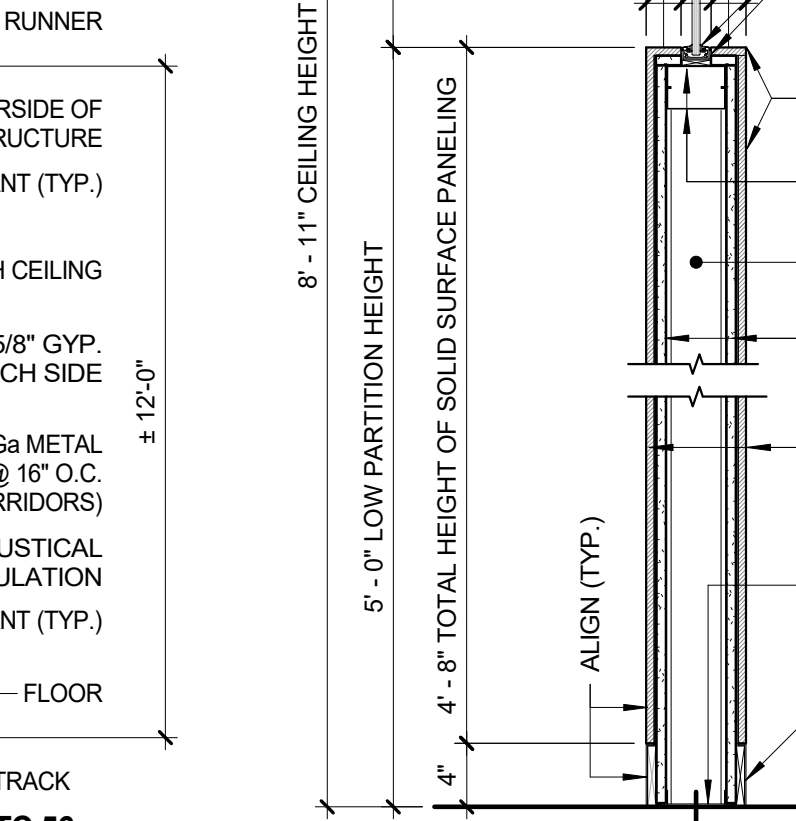
18 WT 18 - G. WB. CHASE WALL
1" = 1'-0"



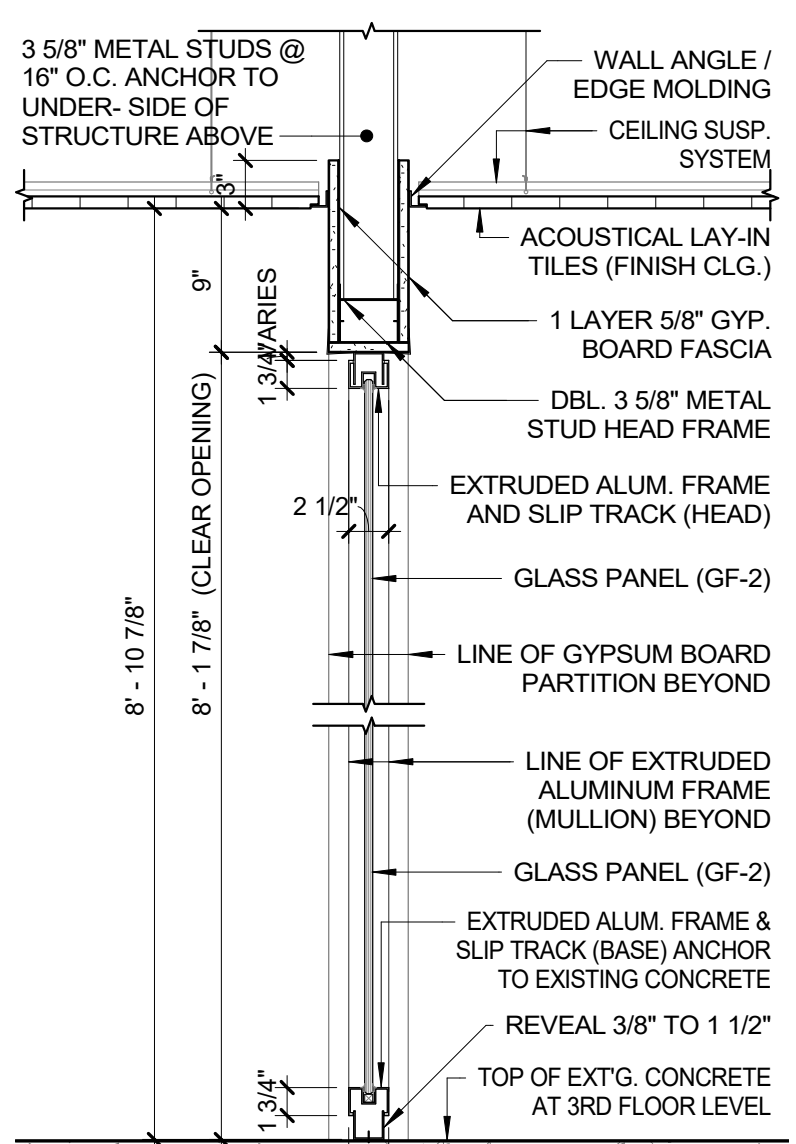
19 WT 19 - G. WB. CHASE WALL
1" = 1'-0"



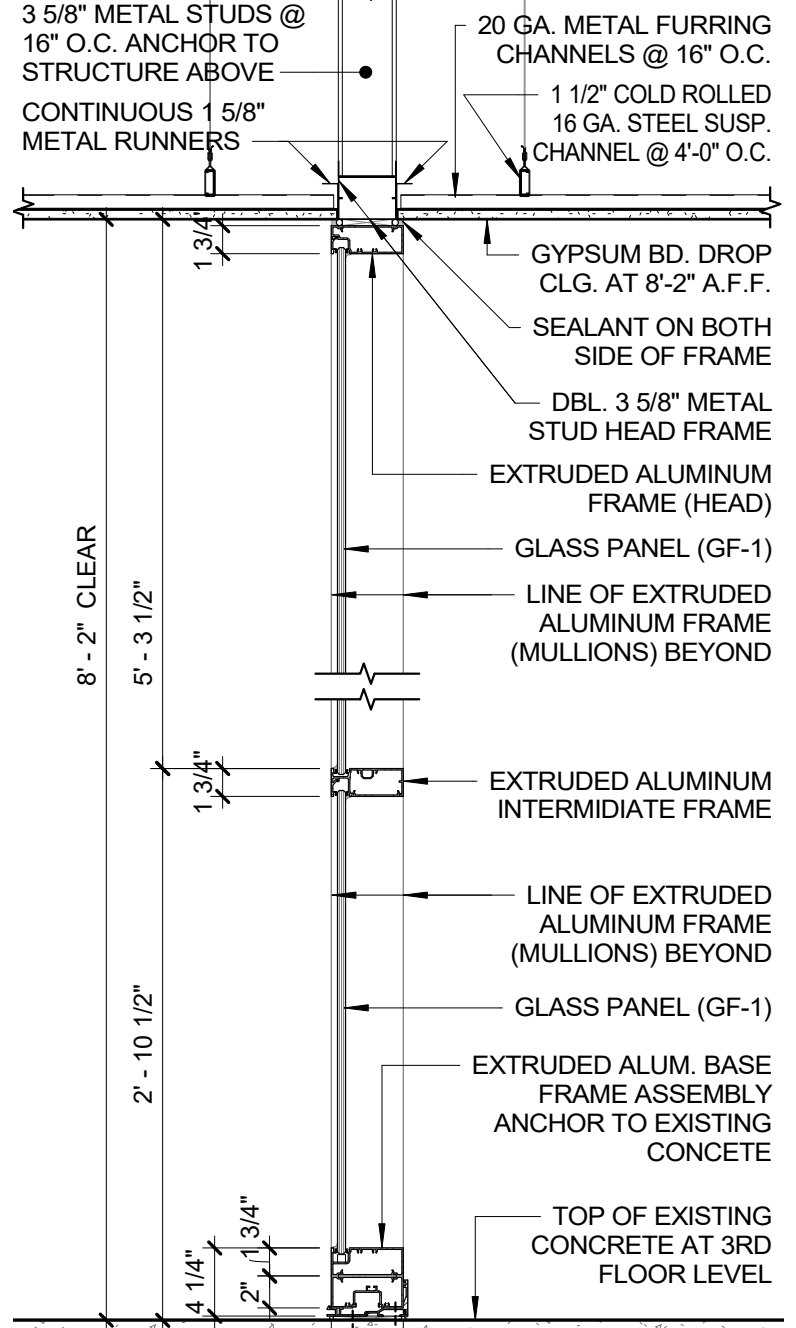
20 WT 40 - G. WB. PARTITION
1" = 1'-0"



21 WT 20 - LOW PART. W/ GLASS
1" = 1'-0"



22 GLASS PARTITION DETAIL
1" = 1'-0"



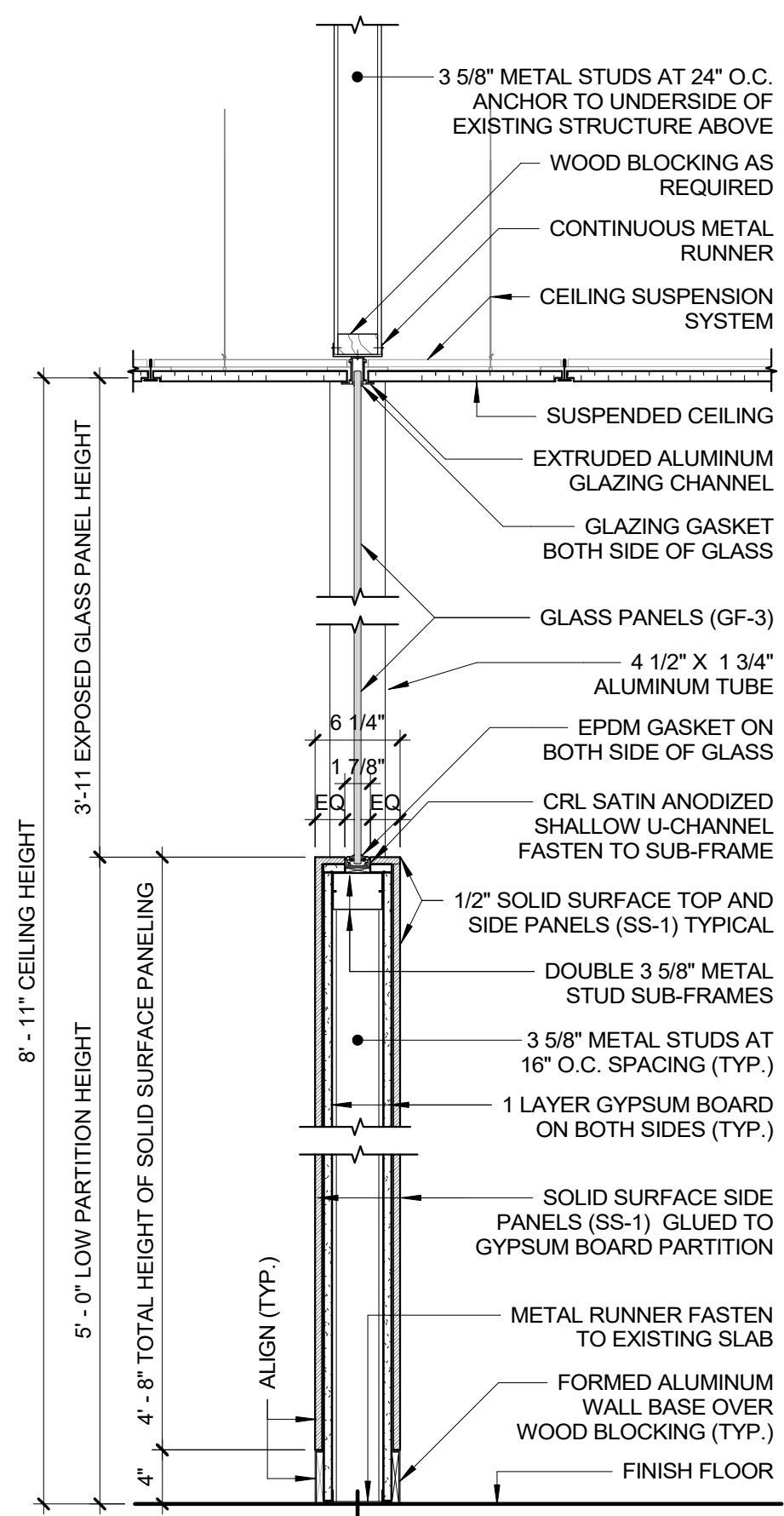
23 STOREFRONT DETAIL
1" = 1'-0"

LIST OF ABBREVIATIONS:



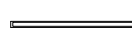











WT = WALL TYPE
G = GYPSUM
WB = WALL BOARD
GA = GAGE
OC = ON CENTER

NOTES:

- 1- PROVIDE 5/8" CEMENT BOARD IN LIEU OF GYPSUM BOARDS IN ALL WALLS AT BATHROOMS, JANITOR ROOM, AND BATH-ROOM ABUTTING WALL AT LUNCH / BREAK ROOM.
- 2- PROVIDE 18GA BACKING METAL PLATES FOR WALL HUNG ELEMENTS.



CONSULTANT SEAL 		CONSULTANT INFORMATION Graff & Lewent 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 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		CONTRACT NUMBER 19-514 SHEET NO. 98 OF 106 SCALE: 1" = 1'-0" DATE: May 20, 2021 DPW FILE NO. 52-01-A-542 Issue Date REV NO. 0																										

LIGHT FIXTURE SCHEDULE						
TYPE	SYMBOL	DESCRIPTION	MANFR / SERIES	MODEL NO.	LAMPS	NOTES/ACCESSORIES
F1		2' X 2' LED RECESSED TROFFER	EATON CORELITE BRIDGE	BRG-WS-35L35-LD2-UNV-22-T1-STD	LED ENGINE PROVIDING APPROX. 3600 LUMENS AT 33.8W INCLUDED.	DIMMING CAPABLE. SEE ENGINEERING CIRCUITING FOR SWITCHING AND DIMMING DESIGN.
F2		1' X 4' LED RECESSED TROFFER	EATON CORELITE BRIDGE	BRG-WS-3-L35-LD2-UNV-14-T9-STD	LED ENGINE PROVIDING APPROXIMATELY 4150 LUMENS AT 38.7W INCLUDED	
F3						
F4		RECESSED DIRECT LINEAR FIXTURE FLUSH GYP BOARD MOUNTING	NEO-RAY DEFINE 2	S122DR-S-675D-835-FSR-___F*-1-UNV-DD-F-W	INCLUDED LED PROVIDING 665 LUMENS PER FOOT AT 6.8W PER FOOT	* PROVIDE CONTINUOUS RUNS TO 1" INCREMENTS IN LENGTHS SHOWN ON DRAWINGS, AND AS VERIFIED IN FIELD. DIMMING CAPABLE. SEE ENGINEERING CIRCUITING FOR SWITCHING AND DIMMING DESIGN.
F5		RECESSED DIRECT LINEAR FIXTURE TILE CEILING MOUNTED	NEO-RAY DEFINE 2	S122DR-S-485D-835-STG-___F*-1-UNV-DD-F-W	INCLUDED LED PROVIDING 485 LUMENS PER FOOT AT 4.8W PER FOOT	* PROVIDE CONTINUOUS RUNS TO 1" INCREMENTS IN LENGTHS SHOWN ON DRAWINGS, AND AS VERIFIED IN FIELD. DIMMING CAPABLE. SEE ENGINEERING CIRCUITING FOR SWITCHING AND DIMMING DESIGN.
F6		RECESSED DIRECT LINEAR FIXTURE FABRIC CEILING MOUNTED	NEO-RAY DEFINE 2	S122DR-S-675D-935-FES-___F*-1-U-DD-F-W	INCLUDED LED PROVIDING 665 LUMENS PER FOOT AT 6.8W PER FOOT	* PROVIDE CONTINUOUS RUNS TO 1" INCREMENTS IN LENGTHS SHOWN ON DRAWINGS, AND AS VERIFIED IN FIELD. SUSPEND FIXTURES FROM DECK SO THAT LENS IS FLUSH WITH FABRIC CEILING. DIMMING REQUIRED. SEE ENGINEERING CIRCUITING FOR SWITCHING AND DIMMING DESIGN.
F7						
F8						
F9		VERTICAL RECESSED WALL MOUNTED LINEAR FIXTURE	NEO-RAY DEFINE 2	S122DR-S-290D-835-GYP-4F0-1-U-DD-D-W	INCLUDED LED PROVIDING APPROXIMATELY 1160 LM AT 12W.	EXPOSED GYP FLANGE TO BE MOUNTED OVER TILE WALL FINISH. SATIN DROP LENS PROJECTS OUT 1" FROM FIXTURE.
F10		WALL MOUNTED DECORATIVE FIXTURE	SCOTT S3500 SERIES LED SCONCE	S3500-L12-BN	INCLUDED LED PROVIDING 900 LM AT 12W.	SATIN NICKEL WITH OPAL ACRYLIC SHADE.
F11		PENDANT MOUNTED DECORATIVE FIXTURE	SONNEMAN WAVE BAR 48"	2822.03	INCLUDES LED PROVIDING 2130 LM AT 22W.	ADJUST SUSPENSION TO HANG FIXTURE AT 7'-8" TO BOTTOM OF FIXTURE. DIM WITH ELV TYPE DIMMER.
F12		LED LINEAR CONCEALED COVE LIGHT	COVIO IO LED	LM-10L—935-120-ID-UNV-S-SM-STD-F*	INCLUDED LED PROVIDING APPROX 1000 LM/FT AT 10W/FT.	*FIELD VERIFY INSTALLATION LENGTHS. USE 1' AND 2' LONG FIXTURES AS REQUIRED TO FILL THE COVE. PROVIDE JUMPER CABLES IF REQUIRED. FIXTURES HAVE INTEGRAL DRIVER. FIXTURES WILL BE DIMMER CONTROLLED.
F13		LED LINEAR ACCENT LIGHT IN CABINETS	INTERLUX WHITEGOODS 20 SURFACE	WG-20LDD-SM-SC-S*- L-935-S-OD-W	INCLUDED LED PROVIDING 256 LM/FT AT 3.2W/FT.	* PROVIDE IN LENGTHS REQUIRED TO FILL RECESS IN CABINET BASE AND UNDERSIDE OF UPPER CABINETS. INCLUDE HARD WIRED CONNECTORS BETWEEN SEGMENTS. PROVIDE REMOTE DRIVERS ARE REQUIRED FOR THE LENGTH OF FIXTURES.
F14		WALL MOUNTED BATHROOM FIXTURE	SCOTT S3875 SERIES LED SCONCE	S3875-L18-BN	INCLUDED LED PROVIDING 1200 LM AT 18W.	SATIN NICKEL WITH OPAL ACRYLIC SHADE.
F15		RECESSED DIRECT LINEAR FIXTURE FLUSH GYP BOARD MOUNTING	NEO-RAY DEFINE 2	S122DR-S-675D-835-STG-___F*-1-UNV-DD-F-W	INCLUDED LED PROVIDING 665 LUMENS PER FOOT AT 6.8W PER FOOT	* PROVIDE CONTINUOUS RUNS TO 1" INCREMENTS IN LENGTHS SHOWN ON DRAWINGS, AND AS VERIFIED IN FIELD. DIMMING CAPABLE. SEE ENGINEERING CIRCUITING FOR SWITCHING AND DIMMING DESIGN.
ES-#		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
ES-#		WALL RECESSED MOUNTED EDGE LIT EXIT SIGN WITH EMERG. POWER	ATLITE MARATHON SERIES	TS-W-1-8-RW-SA-**	INCLUDED LED	** ARROWS AS SHOWN ON DRAWINGS

- NOTES:
1. ALL LED LAMPS TO BE 3500K, 90 MIN CRI, UNLESS NOTED OTHERWISE.
 2. WHERE "EM" IS SHOWN ON ELECTRICAL ENGINEERING DRAWINGS, PROVIDE THE SPECIFIED FIXTURE WITH A BUILT-IN OR REMOTE EMERGENCY BATTERY PACK.
 3. PROVIDE ALL REQUIRED MOUNTING ACCESSORIES FOR LOCATIONS SHOWN.

<div>CONSULTANT SEAL</div> 		<div>CONSULTANT INFORMATION</div> <div><div>Graf & Lewent</div><div>Architects LLP</div><div>90-30 161st Street, Jamaica, NY 11432</div><div>P: 718-651-6200 F: 718-251-6989</div></div>	
REVISION NUMBER	DATE	MADE BY	APP'D BY
RECORD DRAWING CERTIFICATION			
<div><input type="checkbox"/> AS BUILT - CHANGES AS NOTED</div> <div><input type="checkbox"/> AS BUILT - NO CHANGES</div>			
CONTRACTOR		CONTRACTOR	
NAME: _____		NAME: _____	
SIGNATURE: _____		SIGNATURE: _____	
TITLE: _____ DATE: _____		TITLE: _____ DATE: _____	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	A-502
DIVISION OF ENGINEERING		SHEET NO. 99	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: 1/8" = 1'-0"	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021	Issue Date
WHITE PLAINS, NEW YORK		DPW FILE NO.	REV NO.
LIGHT FIXTURE SCHEDULE		52-01-A-543	0

DOOR SCHEDULE												
DOOR NO.	WIDT H	HEIG HT	DOOR MAT'L	DOOR ELEV.	DOOR FINISH	FRAME MAT'L	FRAME FINISH	JAMB DETAIL	HEAD DETAIL	SILL DETAIL	LAB EL	HARDWA RE SET
1	3'-0"	8'-0"	ALUM / GLASS	E1	FACTORY	ALUM	FACTORY	J6	H5			A
2	3'-0"	8'-0"	HM	E4	PAINT	HM	PAINT	J1	H1	S1		K
3	3'-0"	8'-0"	HM	E4	PAINT	HM	PAINT	J1	H1	S1		K
4	3'-0"	7'-0"	HM	E10	PAINT	HM	PAINT	J1	H1	S1	-	C
5	3'-0"	8'-0"	WOOD	E3	FACTORY	HM	PAINT	J1	H1	S1		D
6	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J4, J5	H4			E
7	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J4, J5	H4			E
8	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J4, J5	H4			K
9	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J4, J5	H4			E
10	3'-0"	8'-0"	WOOD	E3	FACTORY	HM	PAINT	J1	H1	S1		D
11	3'-0"	8'-0"	WOOD	E3	FACTORY	HM	PAINT	J1	H1	S1		E
12	3'-0"	8'-0"	WOOD	E3	FACTORY	HM	PAINT	J1	H6			F
13	3'-0"	8'-0"	WOOD	E3	FACTORY	HM	PAINT	J1	H6			K
14	3'-0"	8'-0"	HM	E3	PAINT	HM	PAINT	J3	H3	S4	B	F
15	6'-0"	8'-0"	HM	E11	PAINT	HM	PAINT	J3	H3	S4		S
16	3'-0"	8'-0"	HM	E3	PAINT	HM	PAINT	J3	H3	-		R
17	3'-0"	8'-0"	WOOD	E4	FACTORY	HM	PAINT	J1	H1	S1	-	K
18	3'-0"	8'-0"	HM	E4	PAINT	HM	PAINT	J1	H1	S1	-	K
19	3'-0"	8'-0"	WOOD	E3	FACTORY	HM	PAINT	J1	H1	S1	-	E
20	3'-0"	8'-0"	WOOD	E3	FACTORY	HM	PAINT	J3	H3	S1	B	K
21	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J4, J5	H4	-	-	E
22	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J4, J5	H4	-	-	E
23	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J4, J5	H4	-	-	E
24	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J4, J5	H4	-	-	E
25	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J4, J5	H4	-	-	E
26	3'-0"	8'-0"	WOOD	E3	FACTORY	HM	PAINT	J1	H1	S1	-	E
27	3'-0"	8'-0"	WOOD	E3	FACTORY	HM	PAINT	J1	H1	S1	-	H
28	3'-0"	8'-0"	HM	E3	FACTORY	HM	PAINT	J3	H3	S1	B	G
29	3'-0"	8'-0"	HM	E4	PAINT	HM	PAINT	J2	H2	S3	-	B
30	3'-0"	8'-0"	HM	E4	PAINT	HM	PAINT	J2	H2	S3	-	K
31	3'-0"	8'-0"	HM	E3	PAINT	HM	PAINT	J1	H1	-	-	I
32	3'-0"	8'-0"	HM	E3	PAINT	HM	PAINT	J1	H1	S9	-	I
33	6'-0"	8'-0"	ALUM / GLASS	E7	FACTORY	ALUM	FACTORY	J6	H5	S2	-	J
34	3'-0"	8'-0"	HM	E4	FACTORY	HM	PAINT	J1	H1	S1	-	K
35	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J4, J5	H4	-	-	E
36	3'-0"	8'-0"	WOOD	E3	FACTORY	HM	PAINT	J1	H1	S1	-	E
37	5'-0"	7'-0"	WOOD	E3	FACTORY	HM	PAINT	J1	H1	-	-	F
38	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J4, J5	H4	-	-	E
39	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J4, J5	H4	-	-	E
40	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J4, J5	H4	-	-	E
41	3'-0"	8'-0"	WOOD	E3	FACTORY	HM	PAINT	J1	H1	S1	-	E
42	3'-0"	8'-0"	HM	E3	PAINT	HM	PAINT	J1	H1	-	-	L
43	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J6	H5	S1	-	K
44	3'-0"	8'-0"	HM	E3	PAINT	HM	PAINT	J1	H1	-	-	B
45	6'-0"	8'-0"	HM	E11	FACTORY	HM	PAINT	J1	H1	-	-	P
46	6'-0"	8'-0"	HM	E11	FACTORY	HM	PAINT	J1	H1	-	-	P
47	2'-6"	8'-0"	WOOD	E5	FACTORY	HM	PAINT	J1	H1	-	-	F
48	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J4, J5	H4	-	-	E
49	3'-0"	8'-0"	HM	E4	PAINT	HM	PAINT	J1	H1	S1	-	K
50	3'-0"	8'-0"	ALUM / GLASS	E1	FACTORY	ALUM	FACTORY	J6	H5	-	-	M
51	3'-0"	8'-0"	HM	E3	PAINT	HM	PAINT	J1	H1	S2	-	I
52	3'-0"	8'-0"	HM	E3	PAINT	HM	PAINT	J1	H1	S2	-	I
53	3'-0"	8'-0"	HM	E3	PAINT	HM	PAINT	J3	H3	-	B	K
54	3'-0"	8'-0"	HM	E3	PAINT	HM	PAINT	J1	H1	S2	-	L
55	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J6	H5	S1	-	E
56	3'-0"	8'-0"	WOOD	E3	FACTORY	HM	PAINT	J1	H1	-	-	K
57	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J6	H5	S1	-	E
58	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J6	H5	S1	-	K
59	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J6	H5	-	-	K
60	3'-0"	8'-0"	WOOD	E3	FACTORY	HM	PAINT	J1	H1	S1	-	E
61	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J6	H5	-	-	K
62	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J4, J5	H4	-	-	E
63	3'-0"	8'-0"	WOOD	E3	FACTORY	HM	PAINT	J1	H1	S1	-	E
64	2'-6"	8'-0"	WOOD	E5	FACTORY	HM	PAINT	J1	H1	-	-	F
65	2'-6"	8'-0"	WOOD	E5	FACTORY	HM	PAINT	J1	H1	-	-	F
66	3'-0"	8'-0"	WOOD	E9	FACTORY	HM	PAINT	J5	H6	-	-	N
67	3'-0"	8'-0"	WOOD	E3	FACTORY	ALUM	FACTORY	J1	H1	S3	-	H
68	3'-0"	8'-0"	WOOD	E6	FACTORY	ALUM	FACTORY	J6	H5	-	-	K
69	3'-0"	8'-0"	WOOD	E3	FACTORY	HM	PAINT	J1	H1	-	-	O
70	3'-0"	8'-0"	ALUM / GLASS	E1	FACTORY	ALUM	FACTORY	J6	H5	S1		Q
71	3'-0"	7'-0"	HM	E10	PAINT	HM	PAINT	J3	H3		B	C

HARDWARE SCHEDULE							
SET No.	HANGING	LOCK	ACCESSORIES	CLOSER	STOP	MISC.	HARDWARE COMMENTS
A	4 BUTT HINGES	DEADLATCH (1)	--				
B	4 BUTT HINGES	F04	KICKPLATE ON PUSH SIDE	W/O HO	FLOOR	--	
C	3 BUTT HINGES	ELECTRIC MORTISE LOCK (5)	KICKPLATE ON PUSH SIDE			DPS	ALWAYS OPEN FOR EGRESS FROM OFFICE SIDE.
D	4 BUTT HINGES	F04	KICKPLATE ON PUSH SIDE	W/O HO	FLOOR	--	
E	4 BUTT HINGES	F04	--	--	FLOOR		
F	4 BUTT HINGES	F01	--	--	OH	--	
G	4 BUTT HINGES	F07	KICKPLATE ON PUSH SIDE	W/O HO	FLOOR	--	RATED DOOR.
H	4 BUTT HINGES	F01	KICKPLATE ON PUSH SIDE	--	FLOOR	--	
I	4 BUTT HINGES	--	KICKPLATE BOTH SIDES, PUSH PLATE (2), PULL + PLATE (3)	W/O HO	FLOOR	--	
J	8 BUTT HINGES	ELECTRIC VERTICAL ROD LOCK + MANUAL VERTICAL ROD LOCK (4)	POWER CABLE	W/O HO X 2	OH X 2	DPS	ELECTRIC LOCK RELEASED BY CARD PAD. BOTH LEAVES ALWAYS OPEN FOR EGRESS FROM FROM OFFICE SIDE, OR PUSH SIDE AT CORRIDOR LOCATION. INSTALL TOP RODS ONLY.
K	4 BUTT HINGES	ELECTRIC MORTISE LOCK (5)	KICKPLATE ON PUSH SIDE	W/O HO	FLOOR	DPS	ALWAYS OPEN FOR EGRESS FROM OFFICE SIDE. LOCKED FROM INTERVIEW ROOM AT DOOR 8.
L	4 BUTT HINGES	F07	KICKPLATE ON PUSH SIDE	W/O HO	FLOOR	--	
M	4 BUTT HINGES	ELECTRIC VERTICAL ROD LOCK (4)	POWER CABLE	W/O HO	FLOOR	DPS	--
N	6 BUTT HINGES	MAGNETIC X 2	1/2 DUMMY TRIM X 2	--	--	--	
O	4 BUTT HINGES	F19	--	--	FLOOR	--	
P	8 BUTT HINGES	ELECTRIC MORTISE LOCK (5)	T/B FLUSH BOLTS AT INACTIVE LEAF KICK PLATE BOTH SIDES POWER CABLE ASTRAGAL.	W/O HO X 2	OH X 2	DPS	--
Q	4 BUTT HINGES	ELECTRIC MORTISE LOCK (5)	KICKPLATE ON PUSH SIDE	W/O HO	FLOOR	DPS	--
R	4 BUTT HINGES	F04	KICKPLATE BOTH SIDES. HEAD & JAMB SOUND GASKETS & DROP SEAL	W/ HO	FLOOR	--	SOUND GASKETS BY DOOR MFR.
S	8 BUTT HINGES	ELECTRIC MORTISE LOCK (5)	KICK PLATE BOTH SIDES X 2 POWER CABLE ASTRAGAL. HEAD & JAMB SOUND GASKETS & DROP SEAL X 2. T/B SURFACE BOLTS AT INACTIVE LEAF.	W/O HO	FLOOR	DPS	ELECTRIC LOCK RELEASED BY CARD PAD. ALWAYS OPEN FOR EGRESS FROM ROOM SIDE, SOUND GASKETS BY DOOR MFR.

NOTE: DOORS SHALL BE OPENABLE FROM OCCUPIED SIDE AT ALL TIMES.

MORTISE LOCK FUNCTIONS:

F01	PASSAGE	LATCH OPERATED BY ROTATING INSIDE OR OUTSIDE LEVER. NO LOCK.
F04	OFFICE	LATCHBOLT RETRACTED BY LEVER FROM EITHER SIDE UNLESS OUTSIDE IS MADE INOPERATIVE BY KEY OUTSIDE OR BY ROTATING INSIDE TURN PIECE. WHEN OUTSIDE IS LOCKED, LATCHBOLT IS RETRACTED BY KEY OUTSIDE OR BY LEVER INSIDE. OUTSIDE LEVER REMAINS LOCKED UNTIL THUMBTURN IS RETURNED TO VERTICAL OR BY COUNTER CLOCKWISE ROTATION FO KEY. AUXILIARY LATCH DEADLOCKS LATCHBOLT WHEN DOOR IS CLOSED.
F07	STOREROOM	OUTSIDE LEVER FIXED. ENTRANCE BY KEY ONLY. INSIDE LEVER ALWAYS UNLOCKED.
F19	PRIVACY	LATCH OPERATED BY ROTATING THE INSIDE LEVER OR BY TURNING THE OUTSIDE LEVER WHEN PUSH BUTTON IS OUT. LOCKED BY PUSHING THE INSIDE BUTTON. INSIDE LEVER IS ALWAYS UNLOCKED. CAN BE OPENED WITH SMALL SCREWDRIVER IN EMERGENCY

(1) DEADLATCH – KAWNEER / ADAMS RITE #MS1850 WITH KEY LOCK BOTH SIDE.
(2) PUSH PLATE – ROCKWOOD 70RCG-US32D CUSTOM SIZE 4" X 60"
(3) PULL & PLATE – ROCKWOOD LINEA-MAX RM3741-US32D CUSTOM SIZE 52" LONG, PROVIDE ROCKWOOD 70RCG-US32 4"X60" BACK PLATE.

(4) VERTICAL ROD LOCKS
1. ELECTRIC LOCK: OPERATED WHEN ACTIVATED BY CARD READER. KEY OVERRIDE PROVIDED. INTERIOR TRIM ALLOWS EGRESS ACCESS (PASSAGE FUNCTION) FROM THE INTERIOR AT ALL TIMES. FAIL SECURE OPERATION.

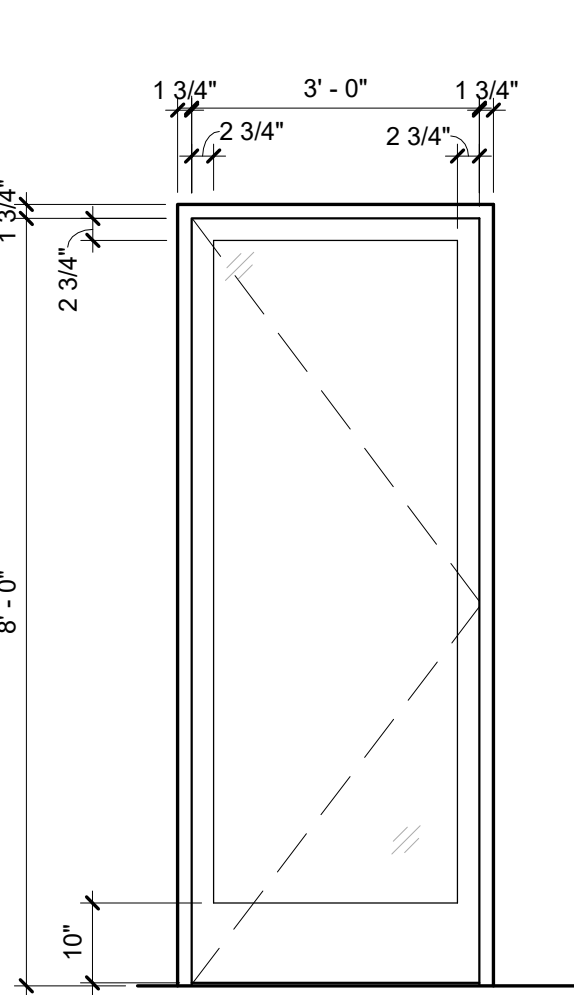
A) CORBIN RUSSWIN MP9800 SERIES MULTI-POINT VERTICAL ROD LOCK. MODEL MP9800A X E903 X N10 X PR. 626 FINISH + AUX 159.
B) PROVIDE BACKSET TO FIT NARROW STILE ALUMINUM DOOR.
C) PROVIDE POWER TRANSFER, SECURITRON EL-CEPT OR EQUAL AT ELECTRIFIED LOCK.
D) PROVIDE 24 VOLT POWER SUPPLY AND REQUIRED WIRING TO CONNECT TO CARD SWIPE.

2. MANUAL LOCK: EXTERIOR STOREROOM FUNCTION WITH INTERIOR PASSAGE TRIM FOR EGRESS ACCESS AT ALL TIMES

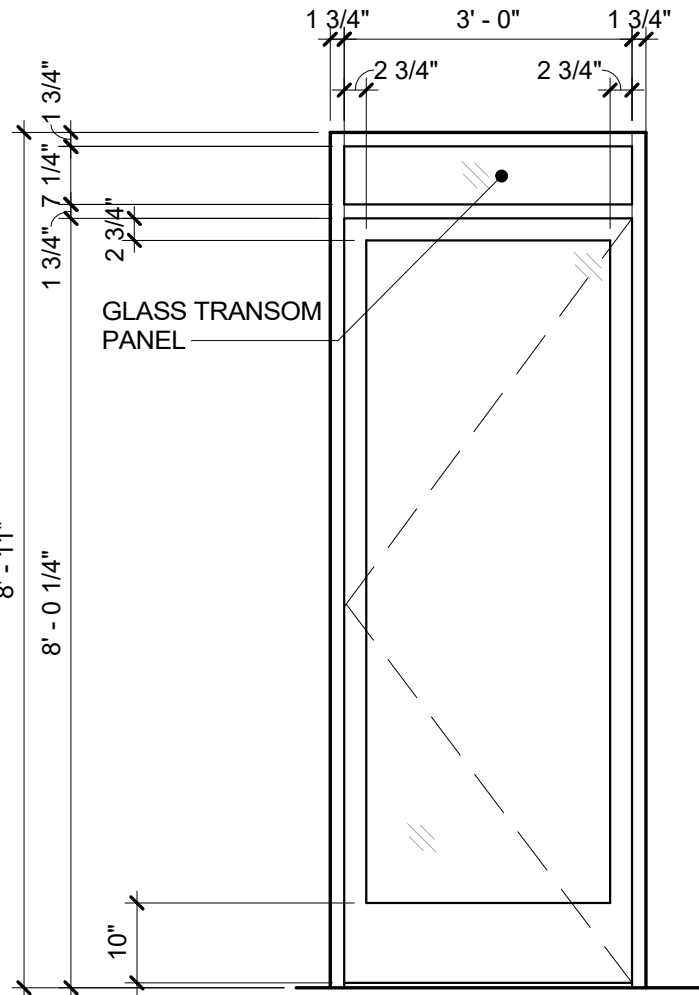
A) CORBIN RUSSWIN MP9800 SERIES MULTI-POINT VERTICAL ROD LOCK. MODEL MP9800A X E49 X N10 X PR. 626 FINISH AND AUX159.
B) PROVIDE BACKSET TO FIT NARROW STILE ALUMINUM DOOR. .

(5) ELECTRIC MORTISE LOCK: CORBIN RUSSWIN ML20606 NAC SEC; FAIL SECURE FUNCTION UNLESS NOTED OTHERWISE. ALWAYS OPEN FOR EGRESS FROM OFFICE SIDE. LEVER AND FINISH TO MATCH TYPICAL MORTISE LOCKS.

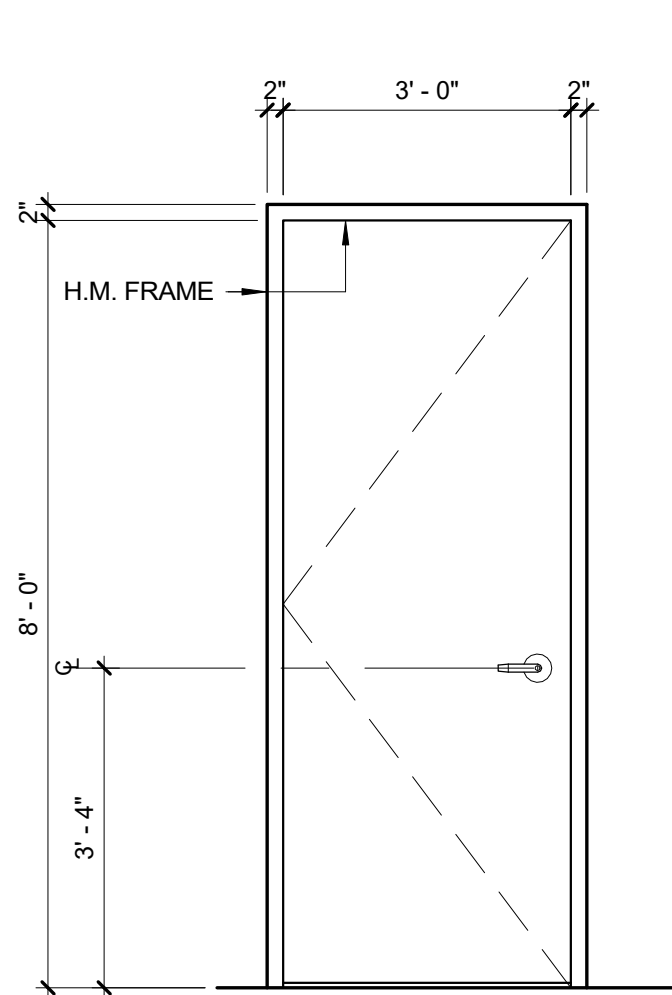
DPS = DOOR POSITION SWITCH



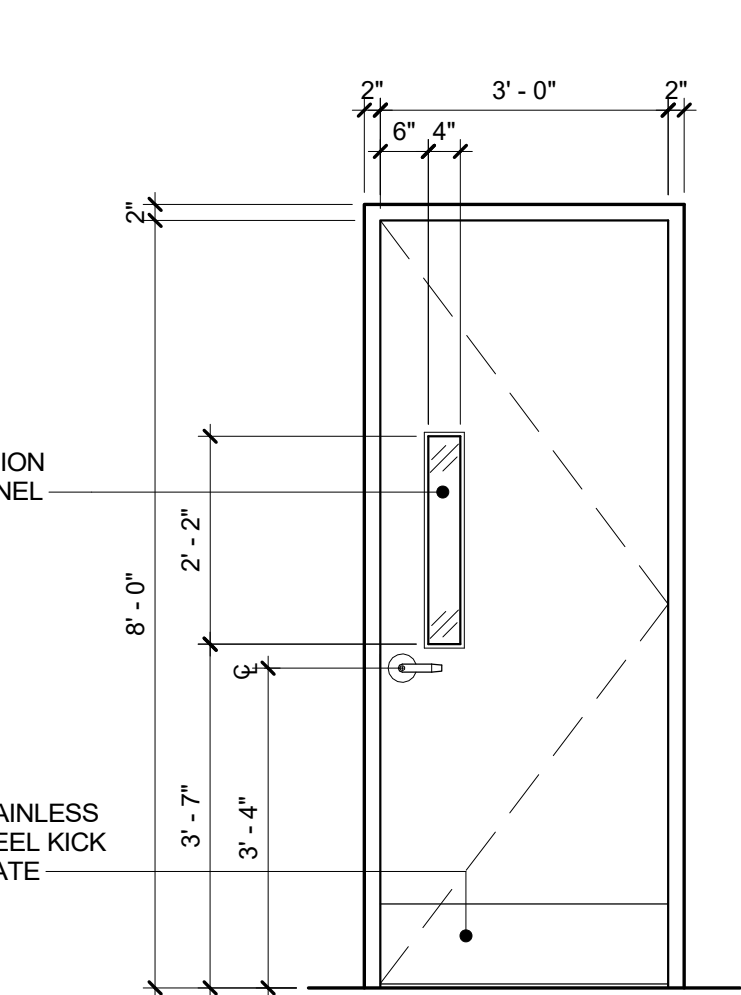
E1 - DOOR ELEVATION
1/2" = 1'-0"



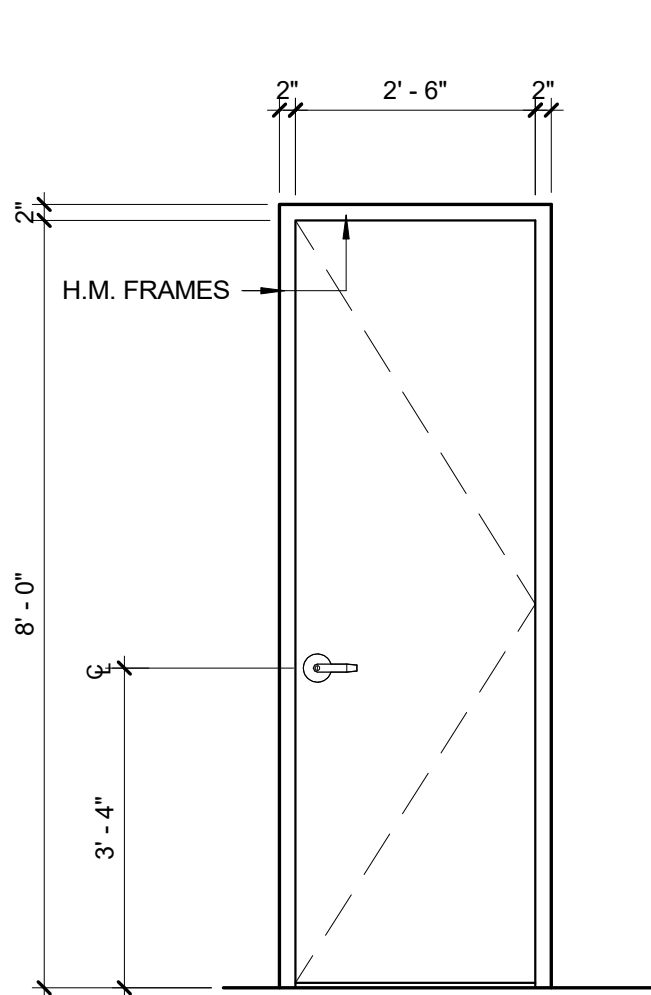
E2 - DOOR ELEVATION
1/2" = 1'-0"



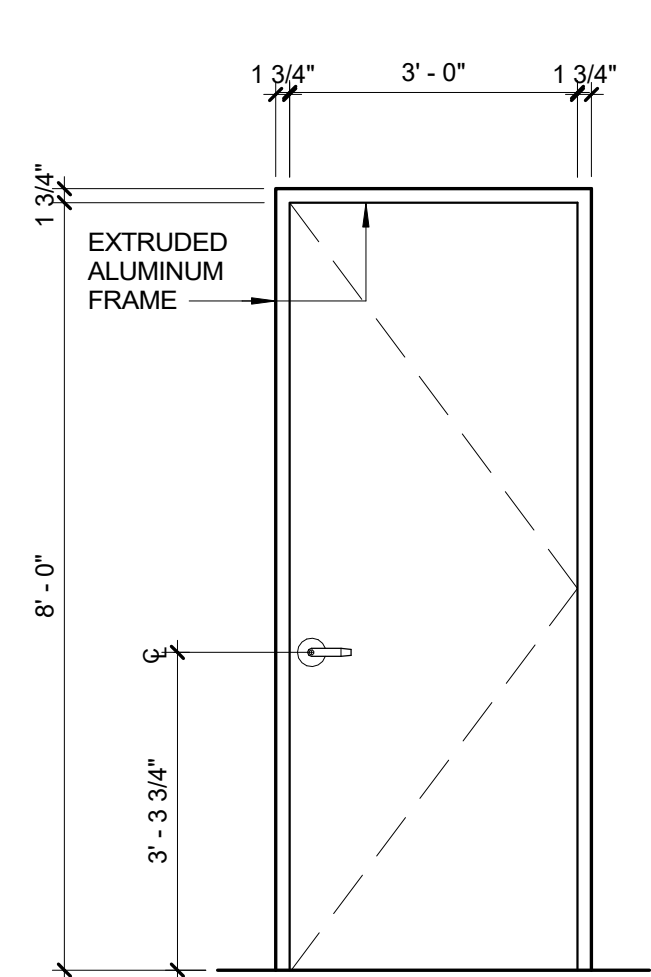
E3 - DOOR ELEVATION
1/2" = 1'-0"



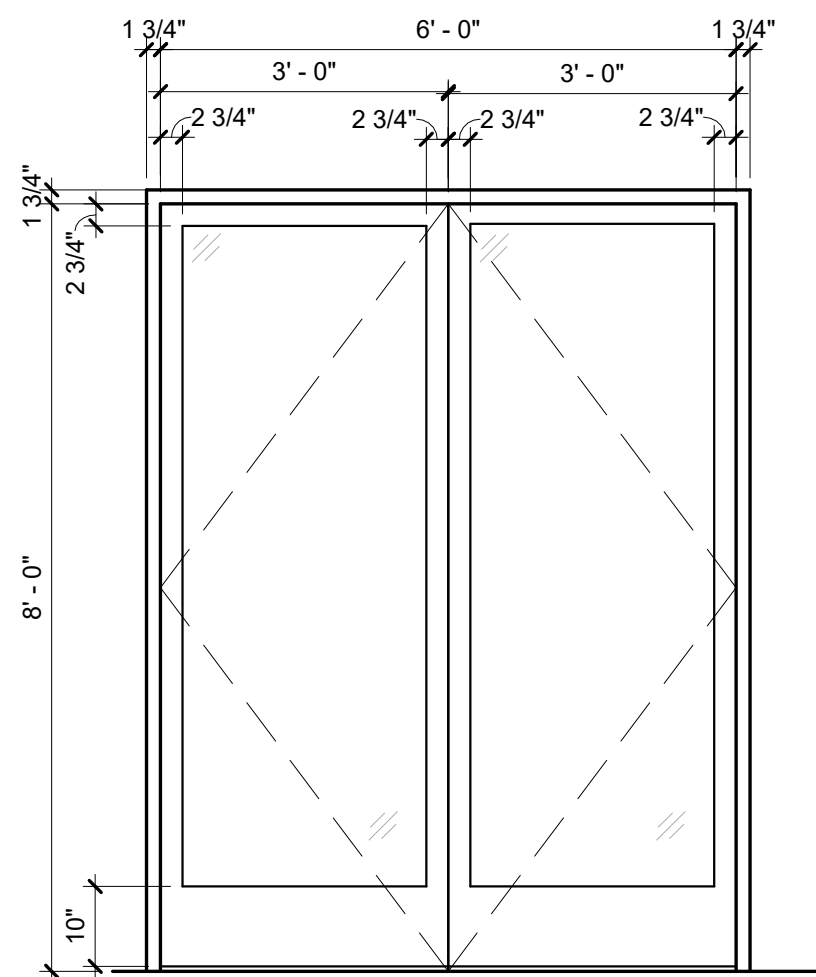
E4 - DOOR ELEVATION
1/2" = 1'-0"



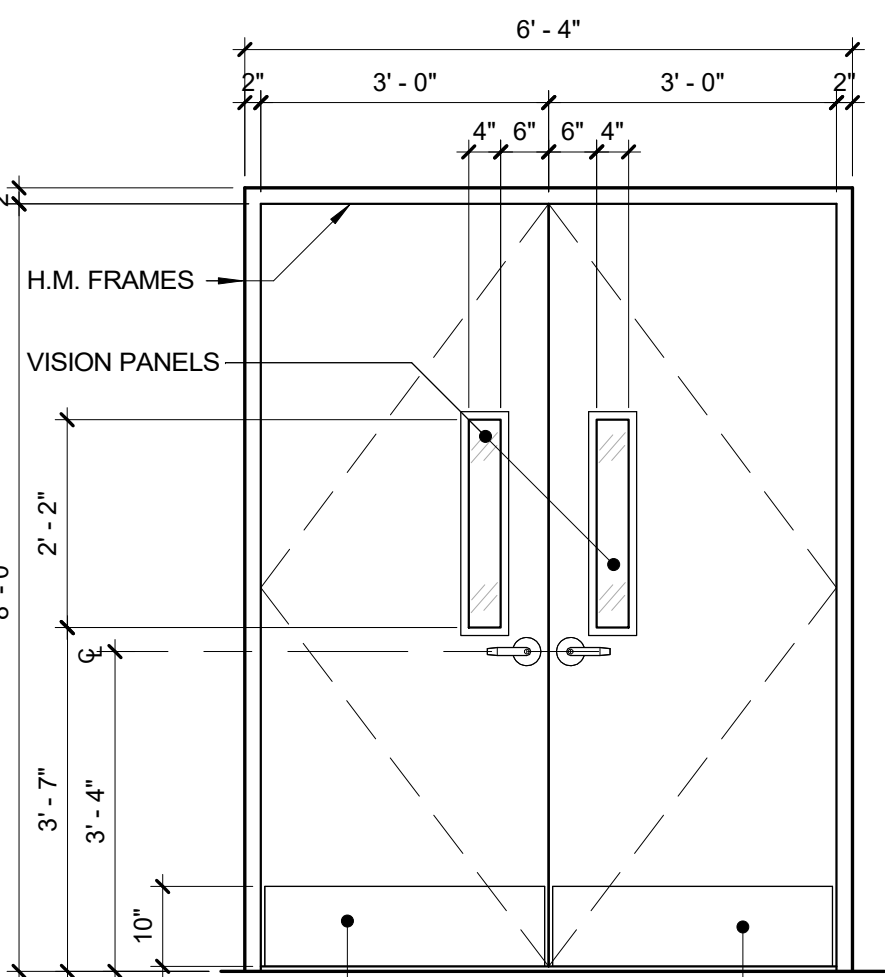
E5 - DOOR ELEVATION
1/2" = 1'-0"



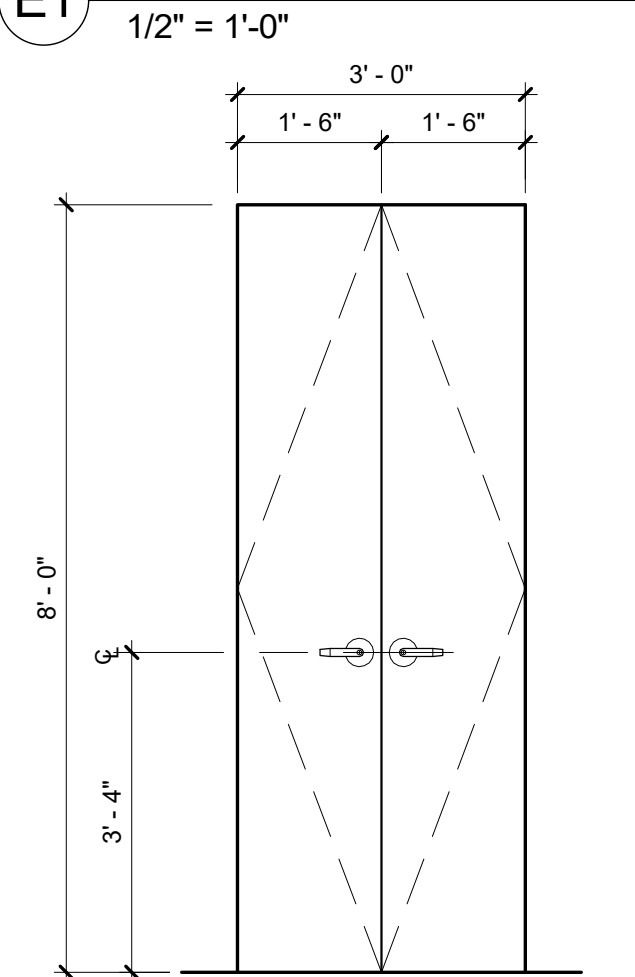
E6 - DOOR ELEVATION
1/2" = 1'-0"



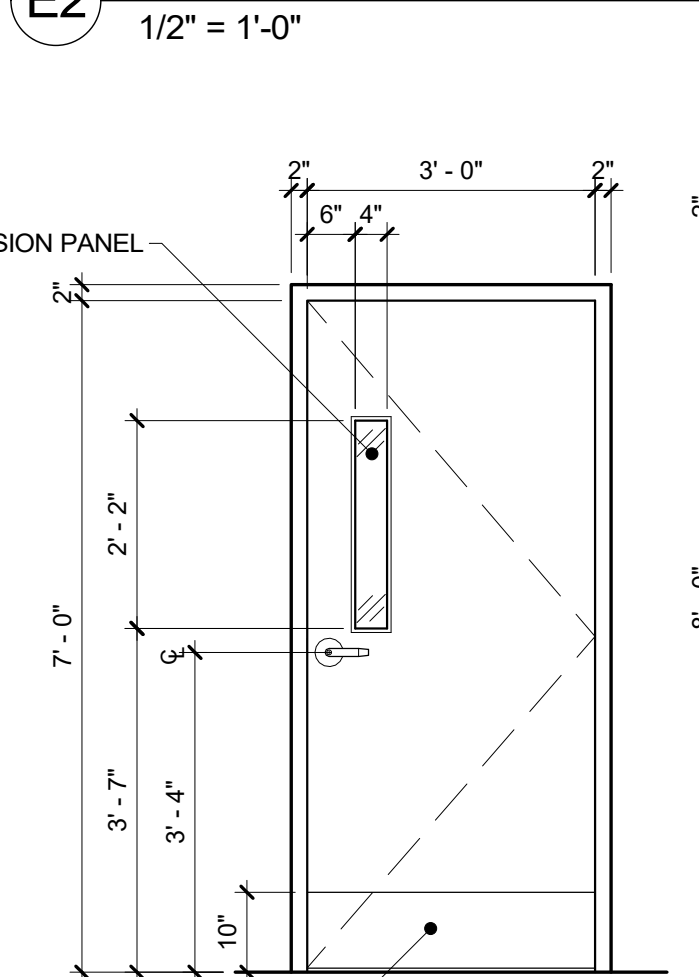
E7 - DOOR ELEVATION
1/2" = 1'-0"



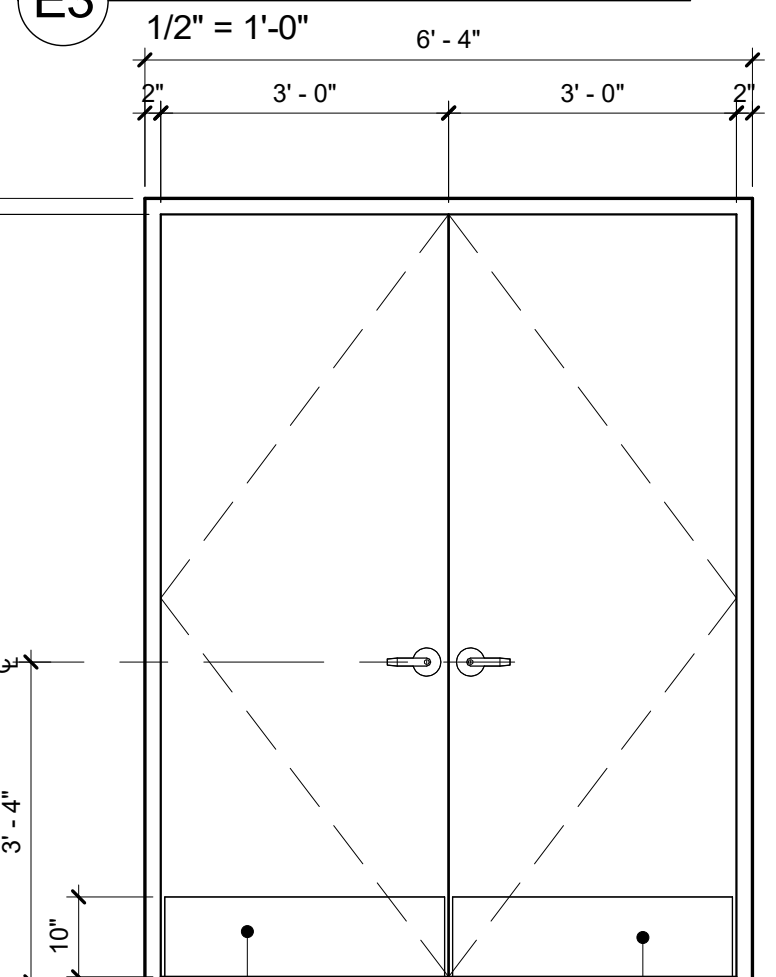
E8 - DOOR ELEVATION
1/2" = 1'-0"



E9 - DOOR ELEVATION
1/2" = 1'-0"

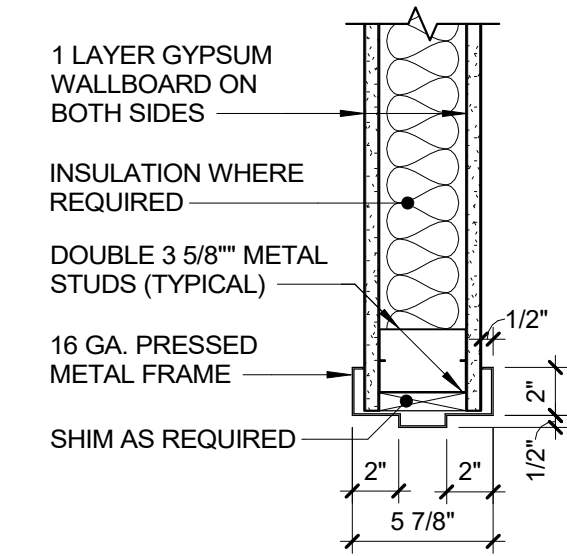


E10 - DOOR ELEVATION
1/2" = 1'-0"

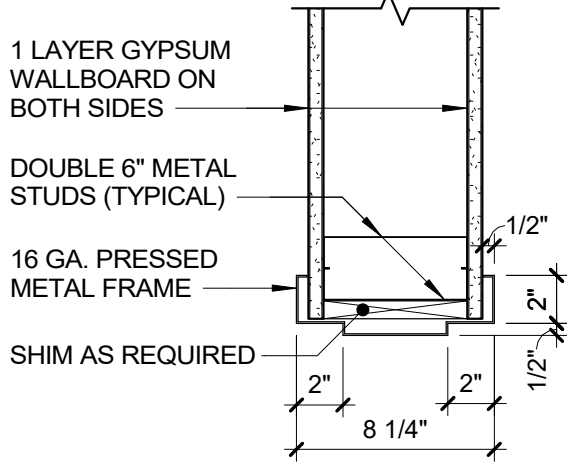


E11 - DOOR ELEVATION
1/2" = 1'-0"

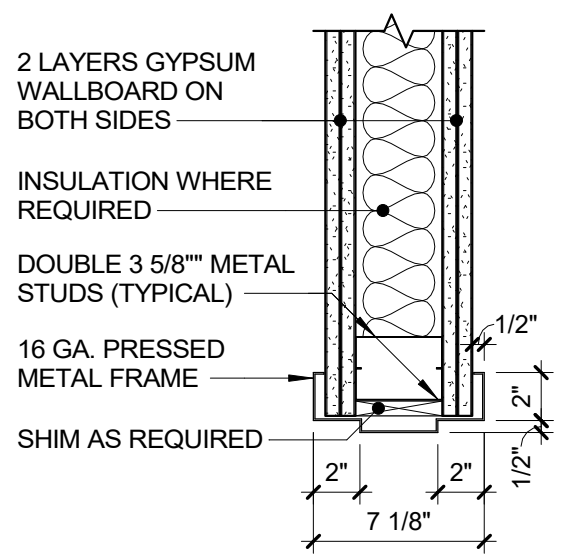
CONSULTANT SEAL		CONSULTANT INFORMATION	
		Graf & Lewent Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APP'D BY
REVISION			
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED		<input type="checkbox"/> AS BUILT - NO CHANGES	
CONTRACTOR		CONTRACTOR	
NAME: _____		NAME: _____	
SIGNATURE: _____		SIGNATURE: _____	
TITLE: _____		TITLE: _____	
DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 100 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: As indicated	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: May 20, 2021 Issue Date	
WHITE PLAINS, NEW YORK		DPW FILE NO.	
DOORS SCHEDULE		52-01-A-544	



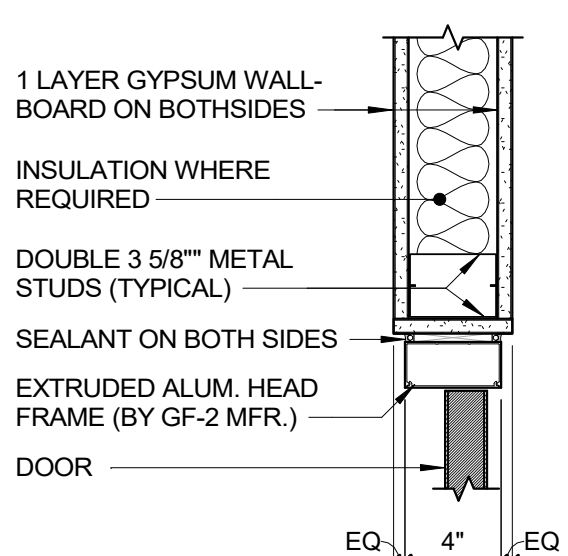
H1 - DOOR HEAD FRAME DETAIL
1 1/2" = 1'-0"



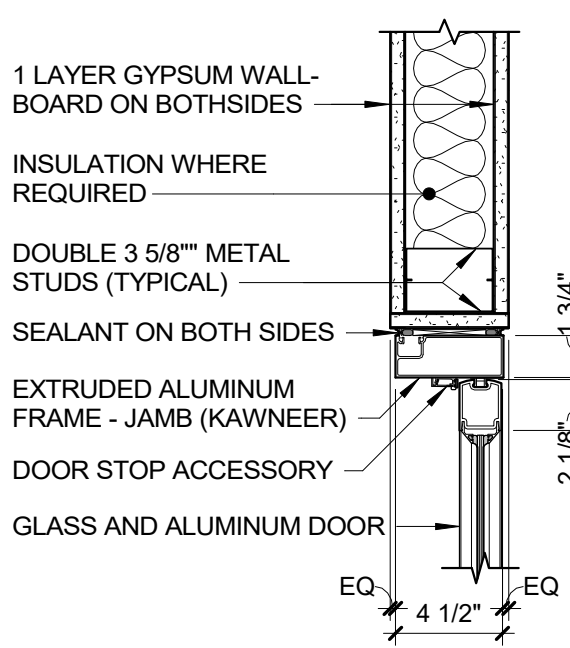
H2 - DOOR HEAD FRAME DETAIL
1 1/2" = 1'-0"



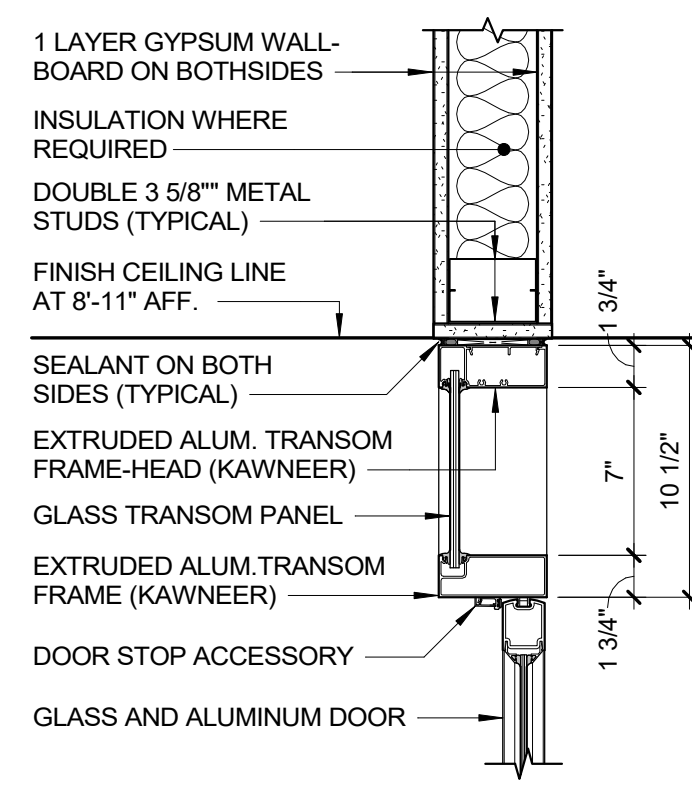
H3 - DOOR HEAD FRAME @ 2 HR WALL
1 1/2" = 1'-0"



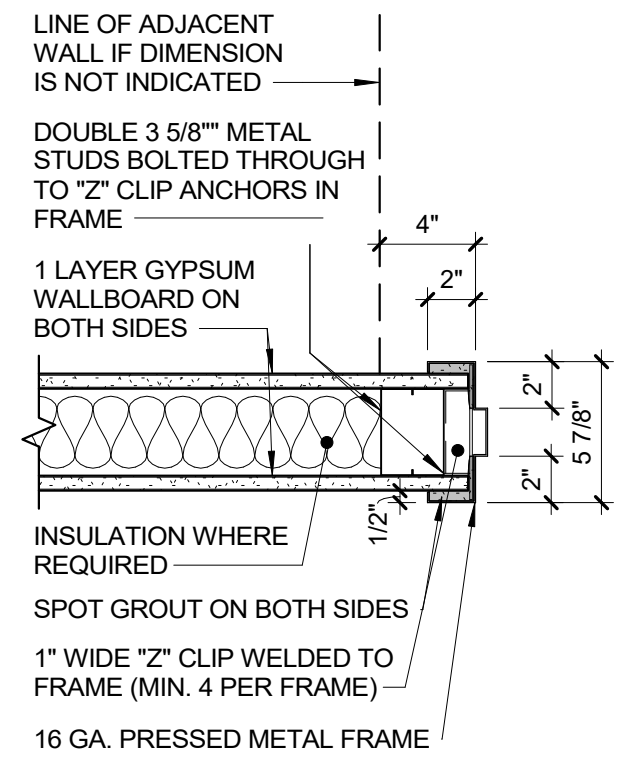
H4 - DOOR HEAD DETAIL
1 1/2" = 1'-0"



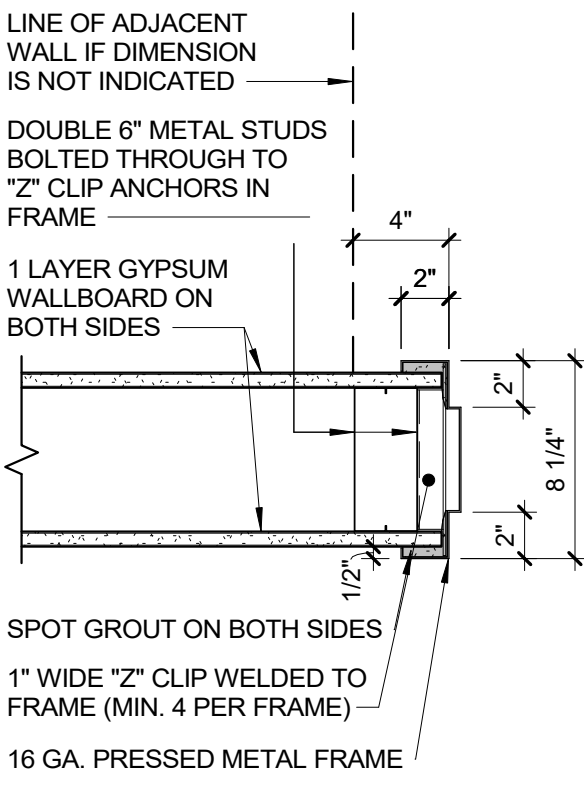
H5 - DOOR HEAD DETAIL
1 1/2" = 1'-0"



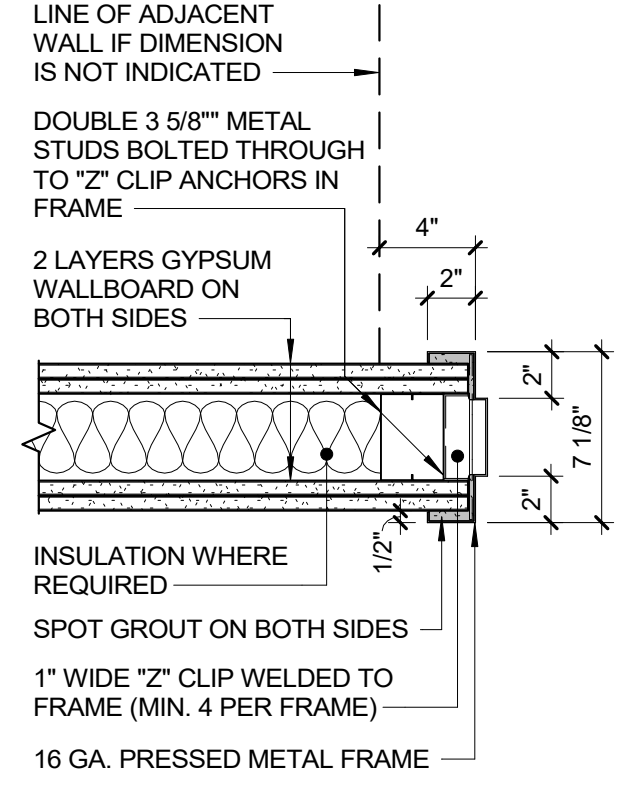
H6 - DOOR HEAD TRANSOM DETAIL
1 1/2" = 1'-0"



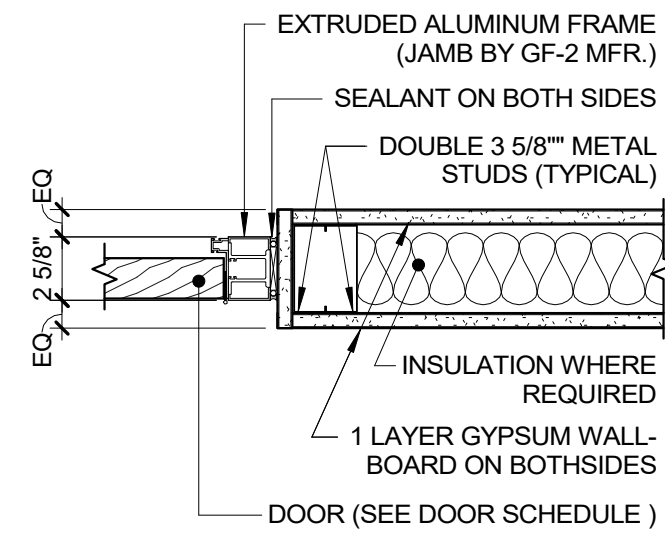
J1 - DOOR JAMB FRAME DETAIL
1 1/2" = 1'-0"



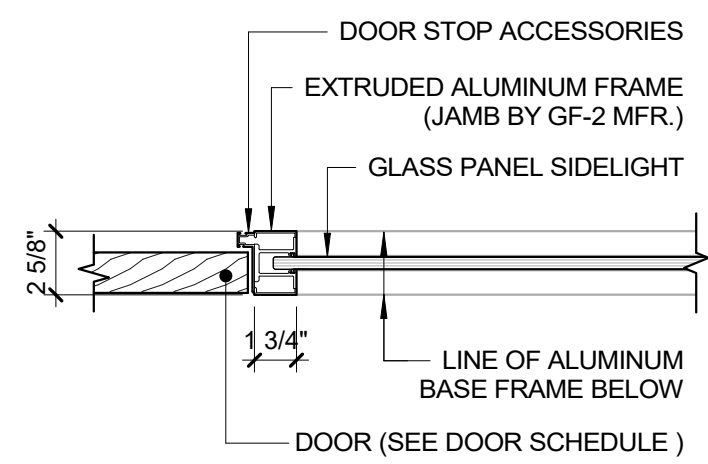
J2 - DOOR JAMB/HEAD DETAIL
1 1/2" = 1'-0"



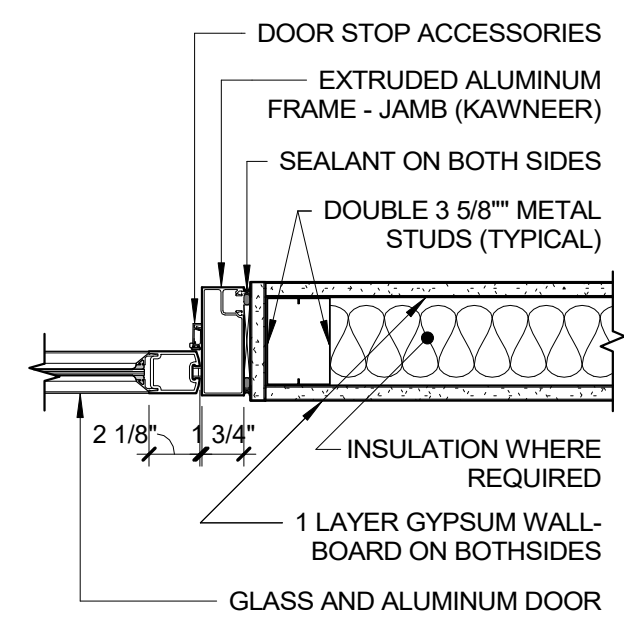
J3 - DOOR JAMB @ 2 HR WALL
1 1/2" = 1'-0"



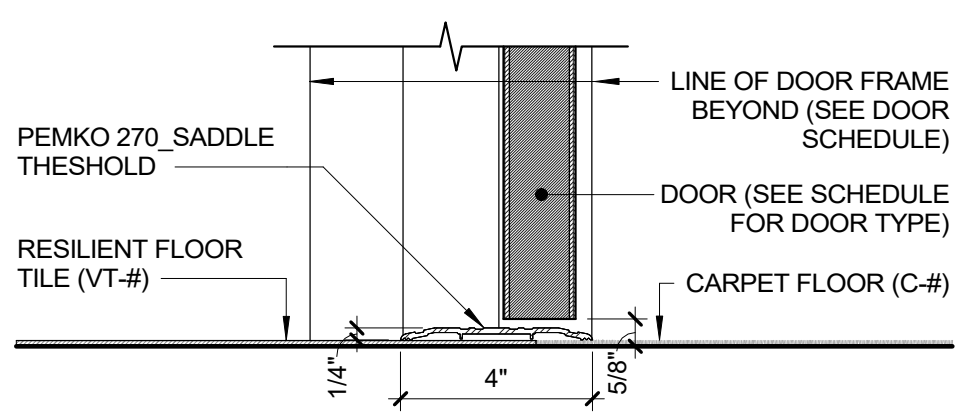
J4 - DOOR JAMB DETAIL
1 1/2" = 1'-0"



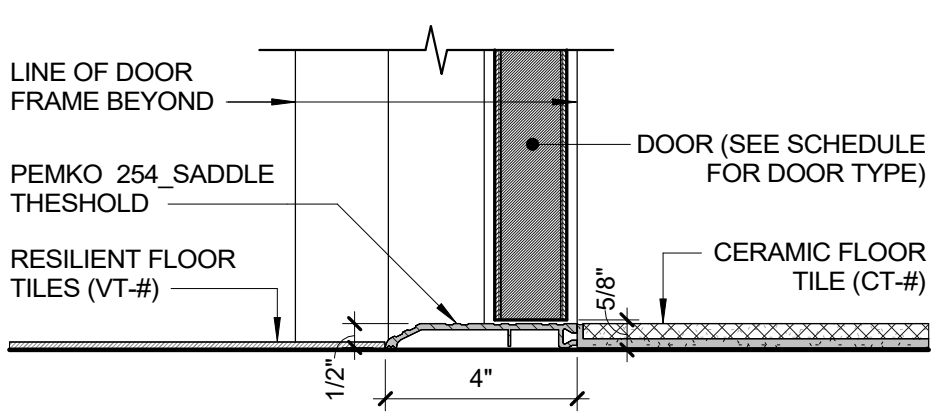
J5 - DOOR JAMB DETAIL
1 1/2" = 1'-0"



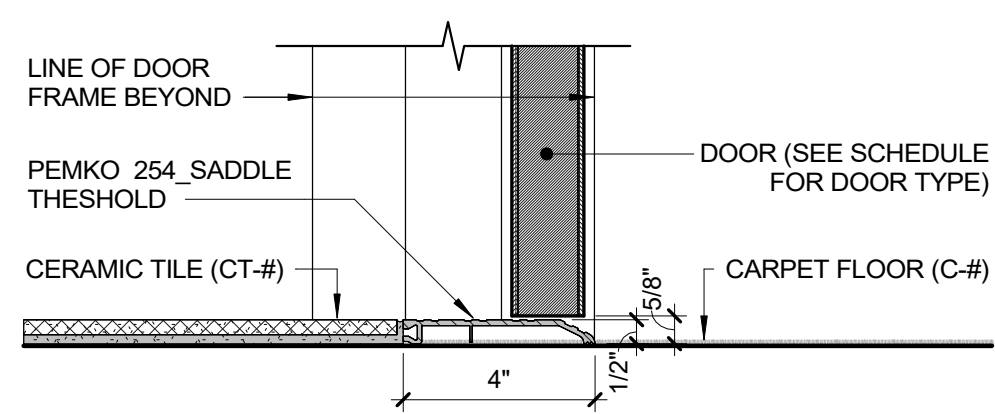
J6 - DOOR JAMB DETAIL
1 1/2" = 1'-0"



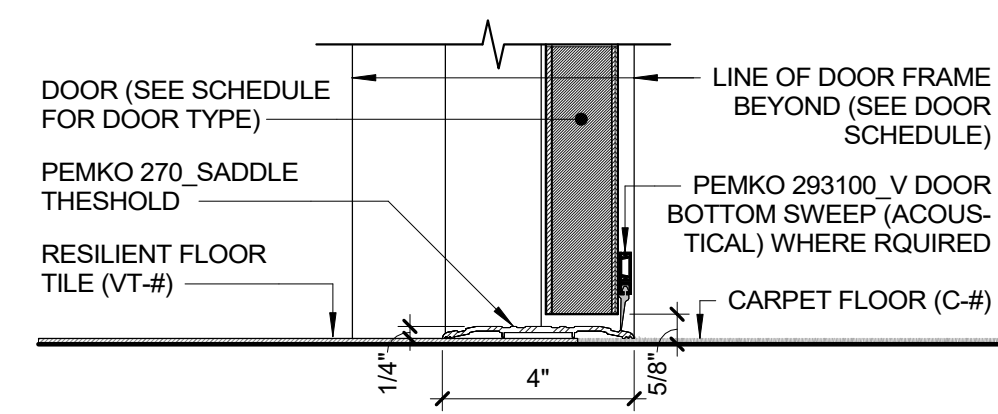
S1 - SILL DETAIL (CARPET TO VT FLOOR)
3" = 1'-0"



S2 - SILL DETAIL (VT TO CT FLOOR)
3" = 1'-0"



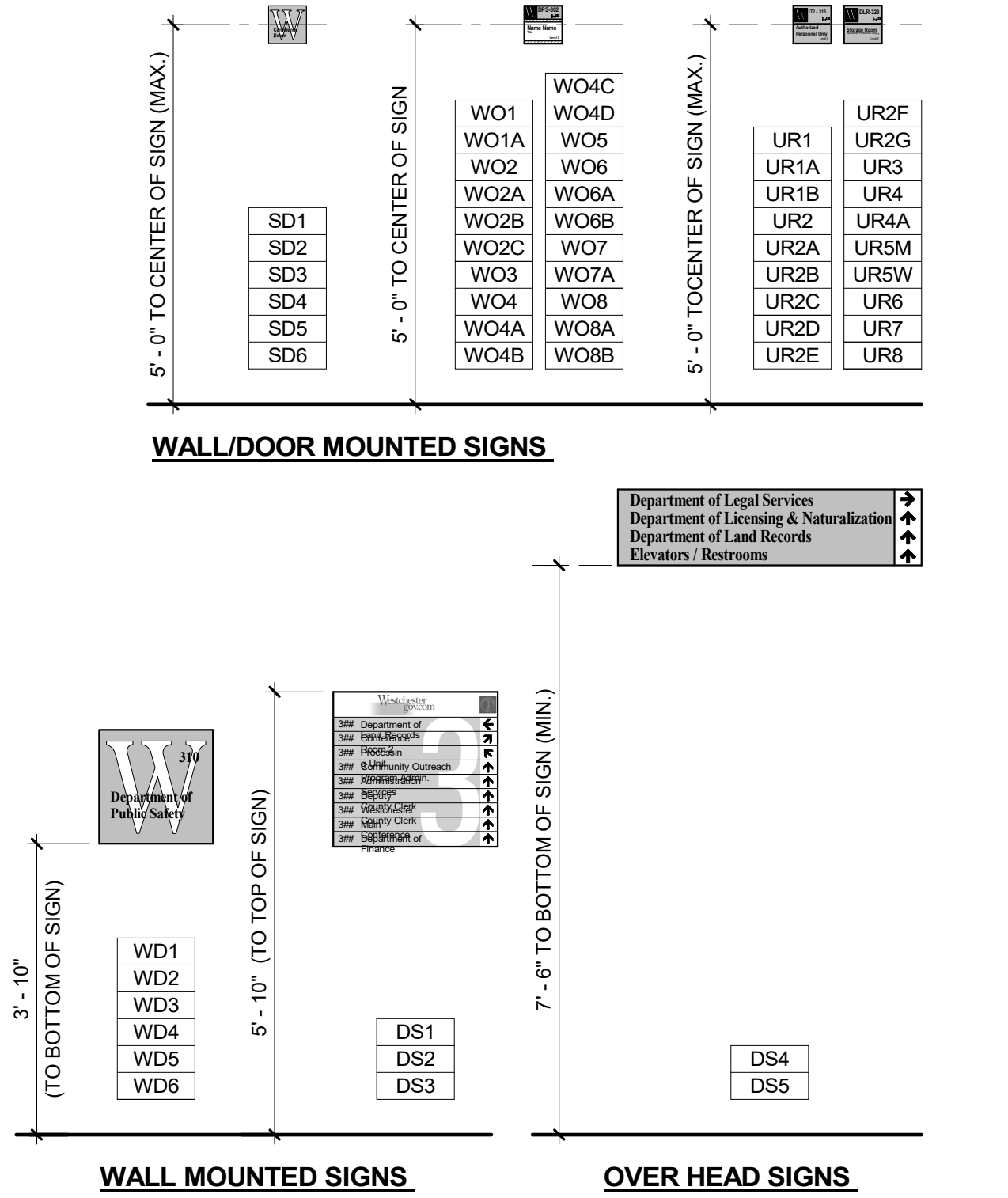
S3 - SILL DETAIL (CARPET TO CT FLOOR)
3" = 1'-0"



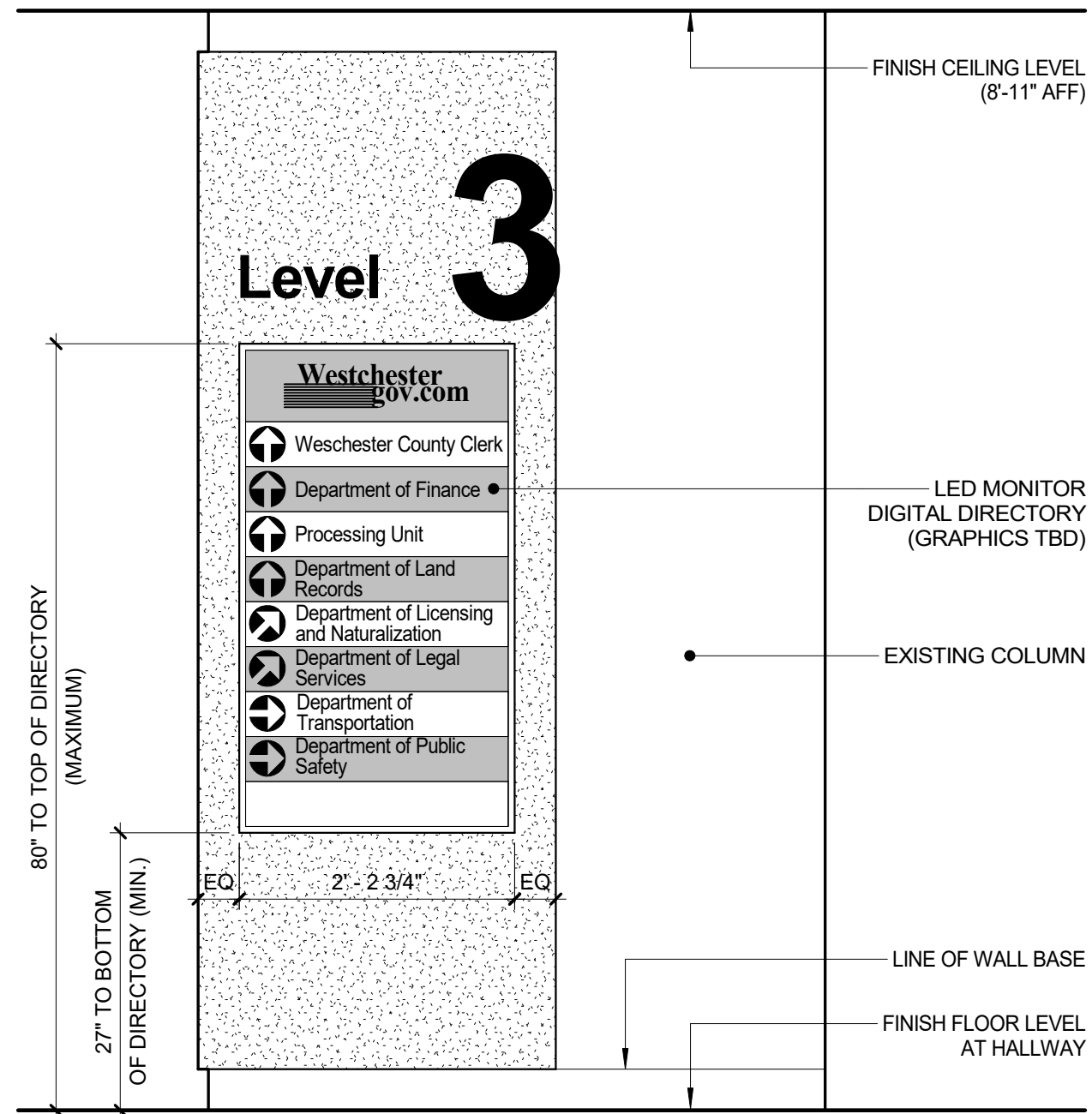
S4 - SILL DETAIL (ACOUSTIC SEAL)
3" = 1'-0"

		CONSULTANT INFORMATION	
		Graff & 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			
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 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER A-504
DIVISION OF ENGINEERING		SHEET NO. 101	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: _____	As indicated
HEAD, JAMB, AND SILL DETAILS		DATE: May 20, 2021	Issue Date
		DPW FILE NO.	REV NO.
		52-01-A-545	0

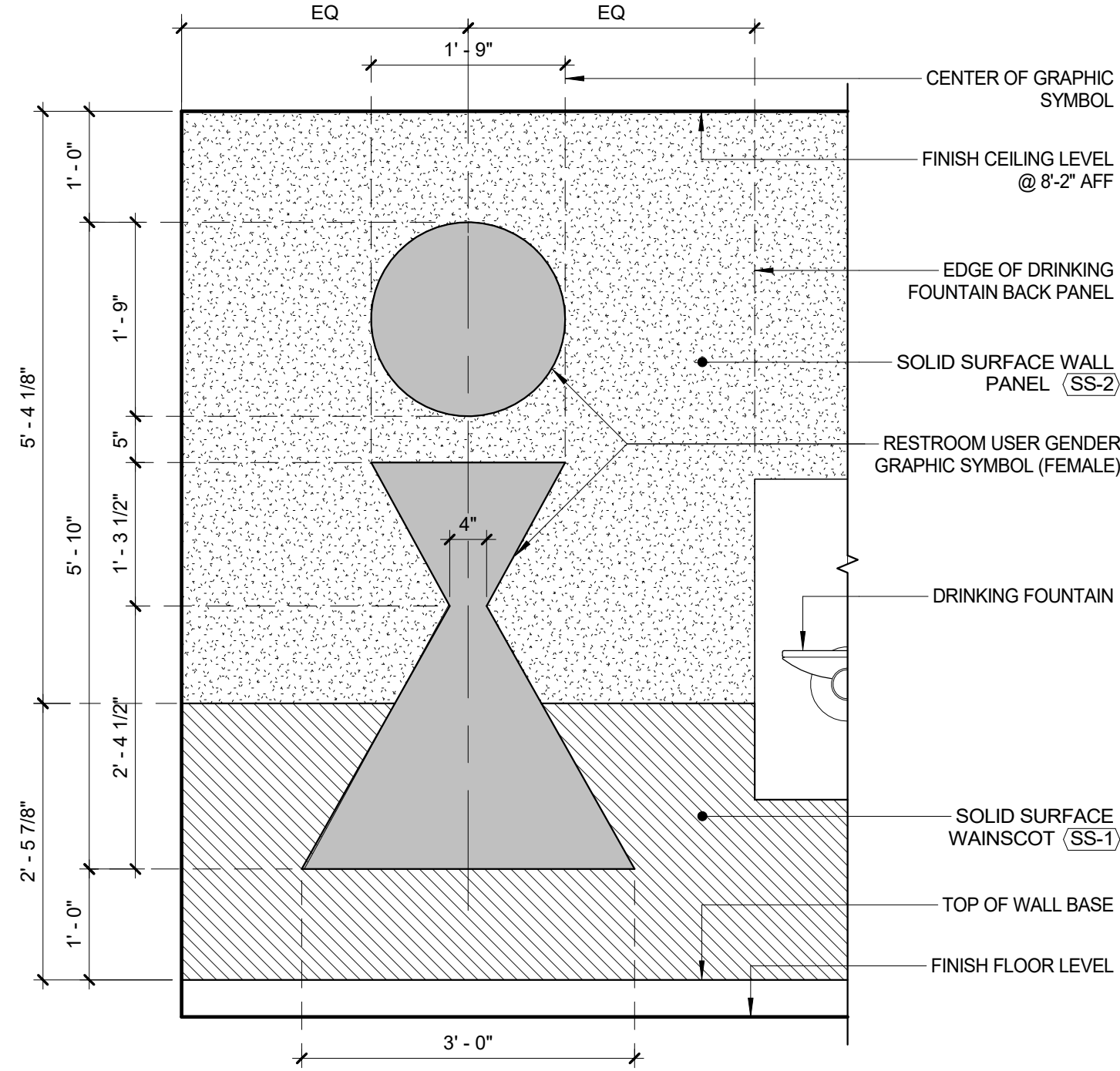
SIGNAGE SCHEDULE			
TAG / SYMBOL	SIGN LOCATION	DESCRIPTION	NOTES
CR1	MAIN CONFERENCE ROOM AT NORTH WING HALLWAY 3	WALL / GLASS MOUNTED	SEE DWG. 1 E-3 / A-507
CR2	SMALL CONFERENCE ROOM AT NORTH WING HALLWAY 1	SIGN ON DOOR	SEE DWG. 1 E-3 / A-507
CR3	CONFERENCE ROOM AT DPS	WALL / GLASS MOUNTED	SEE DWG. 1 E-3 / A-507
DS1	ELEVATOR LOBBY	WALL MOUNTED	SEE DWG. 1 E-1 / A-508
DS2	NORTH WING HALLWAY 1	WALL MOUNTED	SEE DWG. 1 E-2 / A-508
DS3	NORTH WING HALLWAY 2	WALL MOUNTED	SEE DWG. 1 E-3 / A-508
DS4	WEST WING HALLWAY AT DLS	CEILING MOUNTED	SEE DWG. 2 E-4 / A-508
DS5	WEST WING HALLWAY AT DLS	CEILING MOUNTED	SEE DWG. 2 E-5 / A-508
PR1	GRAPHIC SYMBOL (MEN) AT PUBLIC RESTROOM ACCESS	WALL MOUNTED	SEE DWG. 4 / A-506
PR1A	GRAPHIC SYMBOL (MEN / ADA) AT RESTROOM ENTRANCE	SIGN ON DOOR	SEE DWG. 5 / A-506
PR2	GRAPHIC SYMBOL (MEN) AT PUBLIC RESTROOM ACCESS	WALL MOUNTED	SEE DWG. 1 E-3 / A-507
SD1	DPS INTERVIEW ROOM SIGN AT HALLWAY	WALL MOUNTED	SEE DWG. 4 / A-506
SD1A	DPS INTERVIEW ROOM	WALL / GLASS MOUNTED	SEE DWG. 1 E-3 / A-507
SD2	DPS SIGN ALONG WEST WING HALLWAY	WALL MOUNTED	SEE DWG. 1 E-3 / A-507
SD3	DLS SIGN ALONG WEST WING HALLWAY	WALL MOUNTED	SEE DWG. 1 E-2 / A-507
SD4	DLN SIGN AT PUBLIC LOUNGE	WALL MOUNTED	SEE DWG. 1 E-2 / A-507
SD5	EAST HALLWAY AT GRAND JURY ROOM	WALL MOUNTED	SEE DWG. 1 E-5 / A-507
SG1	DPS SIGN AT ENTRANCE TO WAITING AREA	DECAL ON GLASS	SEE DWG. 2 E-6 / A-507
SG2	DLR SIGN AT ENTRANCE TO WAITING AREA	DECAL ON GLASS	SEE DWG. 2 E-6 / A-507
SG3	DOF SIGN AT NORTH WING HALLWAY 3	DECAL ON GLASS	SEE DWG. 2 E-6 / A-507
SR1	GRAPHIC SYMBOL (MEN) AT STAFF RESTROOM ACCESS	WALL MOUNTED	SEE DWG. 4 / A-506
SR1A	GRAPHIC SYMBOL (MEN / ADA) AT STAFF RESTROOM ENTRANCE	WALL MOUNTED	SEE DWG. 5 / A-506
SR2	GRAPHIC SYMBOL (WOMEN) AT PUBLIC RESTROOM ACCESS	WALL MOUNTED	SEE DWG. 3 / A-506
SR2A	GRAPHIC SYMBOL (WOMEN / ADA) AT STAFF RESTROOM	WALL MOUNTED	SEE DWG. 6 / A-506
UR1	I.T. ROOM (CENTRAL) ALONG WEST WING HALLWAY	WALL MOUNTED	SEE DWG. 1 E-4 / A-507
UR1A	I.T. ROOM ALONG WEST WING HALLWAY	WALL MOUNTED	SEE DWG. 1 E-4 / A-507
UR1B	I.T. ROOM ALONG NORTH WING HALLWAY 2	WALL MOUNTED	SEE DWG. 1 E-4 / A-507
UR2A	STORAGE SIGN AT DLS	WALL MOUNTED	SEE DWG. 1 E-3 / A-507
UR2B	STORAGE SIGN AT DLN	WALL MOUNTED	SEE DWG. 1 E-3 / A-507
UR2C	STORAGE SIGN AT DLR	WALL MOUNTED	SEE DWG. 1 E-3 / A-507
UR2D	STORAGE SIGN AT DOF	WALL MOUNTED	SEE DWG. 1 E-3 / A-507
UR2E	WCC MAIN STORAGE ALONG NORTH WING HALLWAY 1	WALL MOUNTED	SEE DWG. 1 E-3 / A-507
UR2F	PU STORAGE ALONG NORTH WING HALLWAY 1	WALL MOUNTED	SEE DWG. 1 E-3 / A-507
UR2G	DLR STORAGE ALONG NORTH WING HALLWAY 1	WALL MOUNTED	SEE DWG. 1 E-3 / A-507
UR3	ELECTRICAL ROOM SIGN AT DLN	WALL MOUNTED	SEE DWG. 1 E-3 / A-507
UR4	PANTRY SIGN AT DLN	WALL MOUNTED	SEE DWG. 1 E-3 / A-507
UR4A	WCC PANTRY SIGN ALONG NORTH WING HALLWAY 1	WALL MOUNTED	SEE DWG. 1 E-3 / A-507
UR5	DPS MEN'S LOCKER ROOM	WALL MOUNTED	SEE DWG. 1 E-3 / A-507
UR5A	DPS WOMEN'S LOCKER ROOM	WALL MOUNTED	SEE DWG. 1 E-3 / A-507
UR6	MAILING & PARCEL ROOM SIGN ALONG NORTH WING HALLWAY 1	WALL MOUNTED	SEE DWG. 1 E-3 / A-507
UR7	JANITOR'S ROOM SIGN ALONG NORTH WING HALLWAY 1	WALL MOUNTED	SEE DWG. 1 E-3 / A-507
UR8	LUNCH / BREAK ROOM	WALL / GLASS MOUNTED	SEE DWG. 1 E-5 / A-507
WD1	WCC SIGN AT NORTH WING HALLWAY 1	WALL MOUNTED	SEE DWG. 2 E-7 / A-507
WD2	PU SIGN ALONG NORTH WING HALLWAY 2	WALL MOUNTED	SEE DWG. 2 E-7 / A-507
WD3	DLN SIGN AT PUBLIC LOUNGE	WALL MOUNTED	SEE DWG. 2 E-7 / A-507
WD4	DLS SIGN ALONG WEST WING HALLWAY	WALL MOUNTED	SEE DWG. 2 E-7 / A-507
WD6	ELEVATOR SIGN AT PUBLIC LOUNGE	WALL MOUNTED	SEE DWG. 2 E-8 / A-507
WD7	ENTRANCE TO GRAND JURY ROOM	WALL MOUNTED	SEE DWG. 2 E-7 / A-507
WO1	WCC OFFICE SIGN ALONG NORTH WING HALLWAY 3	WALL MOUNTED	SEE DWG. 1 E-1 / A-507
WO1A	WCC RECEPTION SIGN ALONG NORTH WING HALLWAY 3	WALL / GLASS MOUNTED	SEE DWG. 1 E-1 / A-507
WO2	WCC OFFICE SIGN AT DLS	WALL / GLASS MOUNTED	SEE DWG. 1 E-1 / A-507
WO2A	STORAGE SIGN AT DOF	WALL MOUNTED	SEE DWG. 1 E-1 / A-507
WO3	OFFICE SIGN AT PU	WALL / GLASS MOUNTED	SEE DWG. 1 E-1 / A-507
WO4A	SCAN/MAP ROOM SIGN AT DLR	WALL MOUNTED	SEE DWG. 1 E-1 / A-507
WO4B	OFFICE SIGN AT DLR	WALL / GLASS MOUNTED	SEE DWG. 1 E-1 / A-507
WO4C	OFFICE SIGN AT DLR	WALL / GLASS MOUNTED	SEE DWG. 1 E-1 / A-507
WO4D	OFFICE SIGN AT DLR	WALL / GLASS MOUNTED	SEE DWG. 1 E-1 / A-507
WO5	OFFICE SIGN AT DLN	WALL / GLASS MOUNTED	SEE DWG. 1 E-1 / A-507
WO6	OFFICE SIGN AT DLS	WALL / GLASS MOUNTED	SEE DWG. 1 E-1 / A-507
WO6A	OFFICE SIGN AT DLS	WALL / GLASS MOUNTED	SEE DWG. 1 E-1 / A-507
WO6B	OFFICE SIGN AT DLS	WALL / GLASS MOUNTED	SEE DWG. 1 E-1 / A-507
WO8	OFFICE SIGN AT DPS	WALL / GLASS MOUNTED	SEE DWG. 1 E-1 / A-507
WO8A	OFFICE SIGN AT DPS	WALL / GLASS MOUNTED	SEE DWG. 1 E-1 / A-507



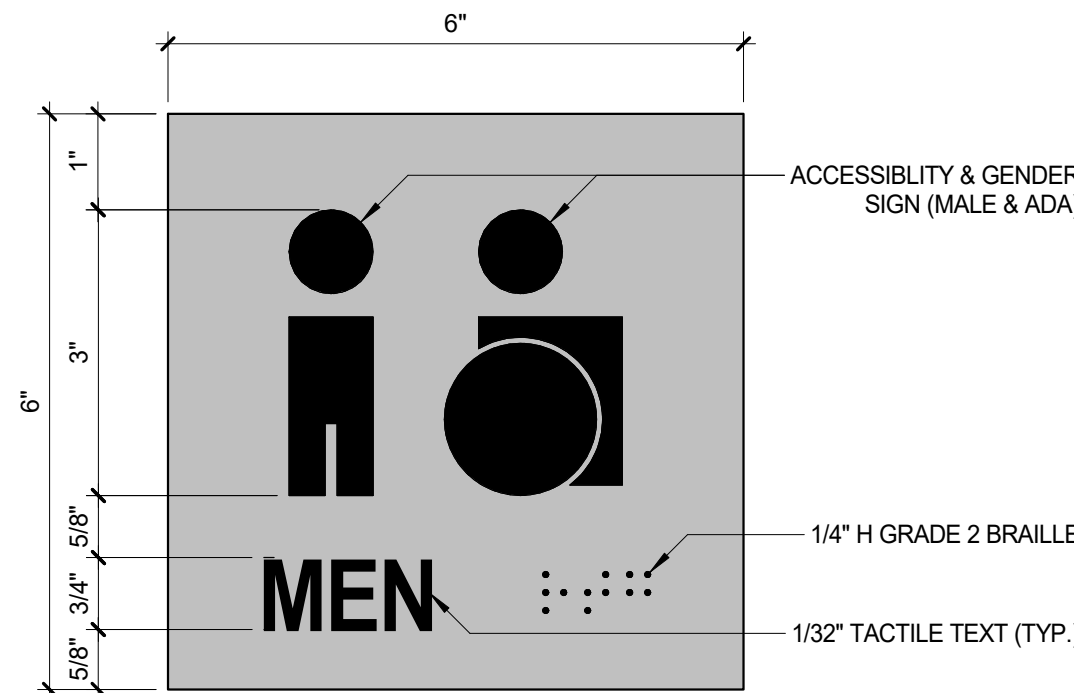
1 SIGN MOUNTING HEIGHTS
1/2" = 1'-0"



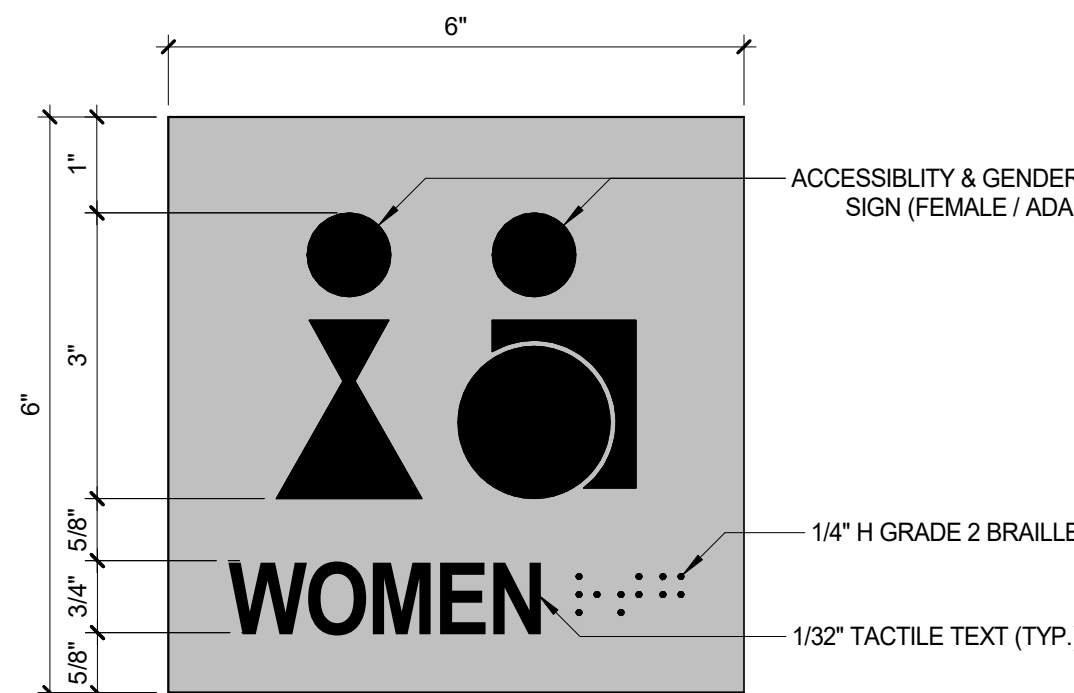
2 DIR ELECTRONIC DIRECTORY
3/4" = 1'-0"



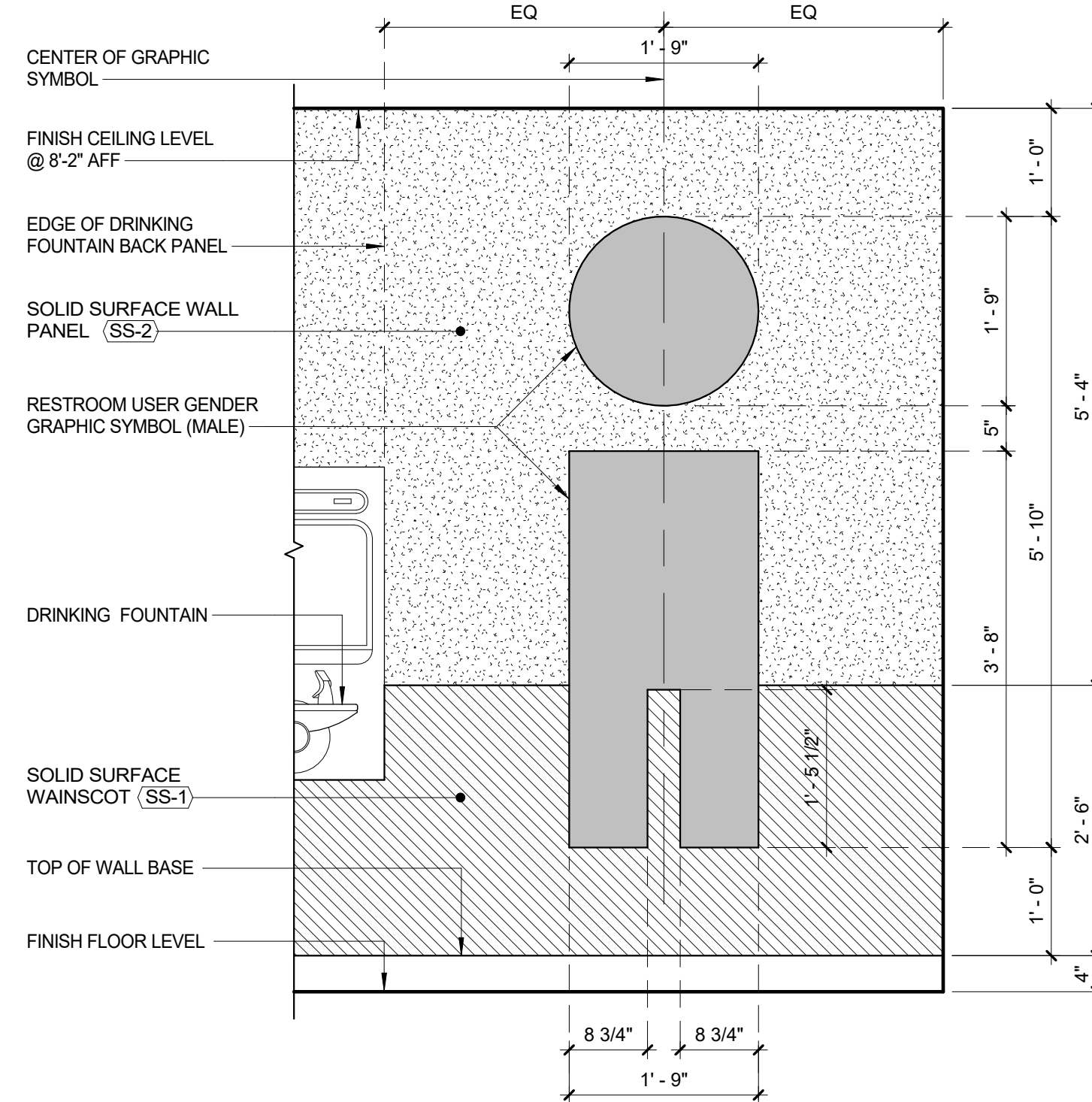
3 PRW2/SRW2 RESTROOM WALL SIGN
3/4" = 1'-0"



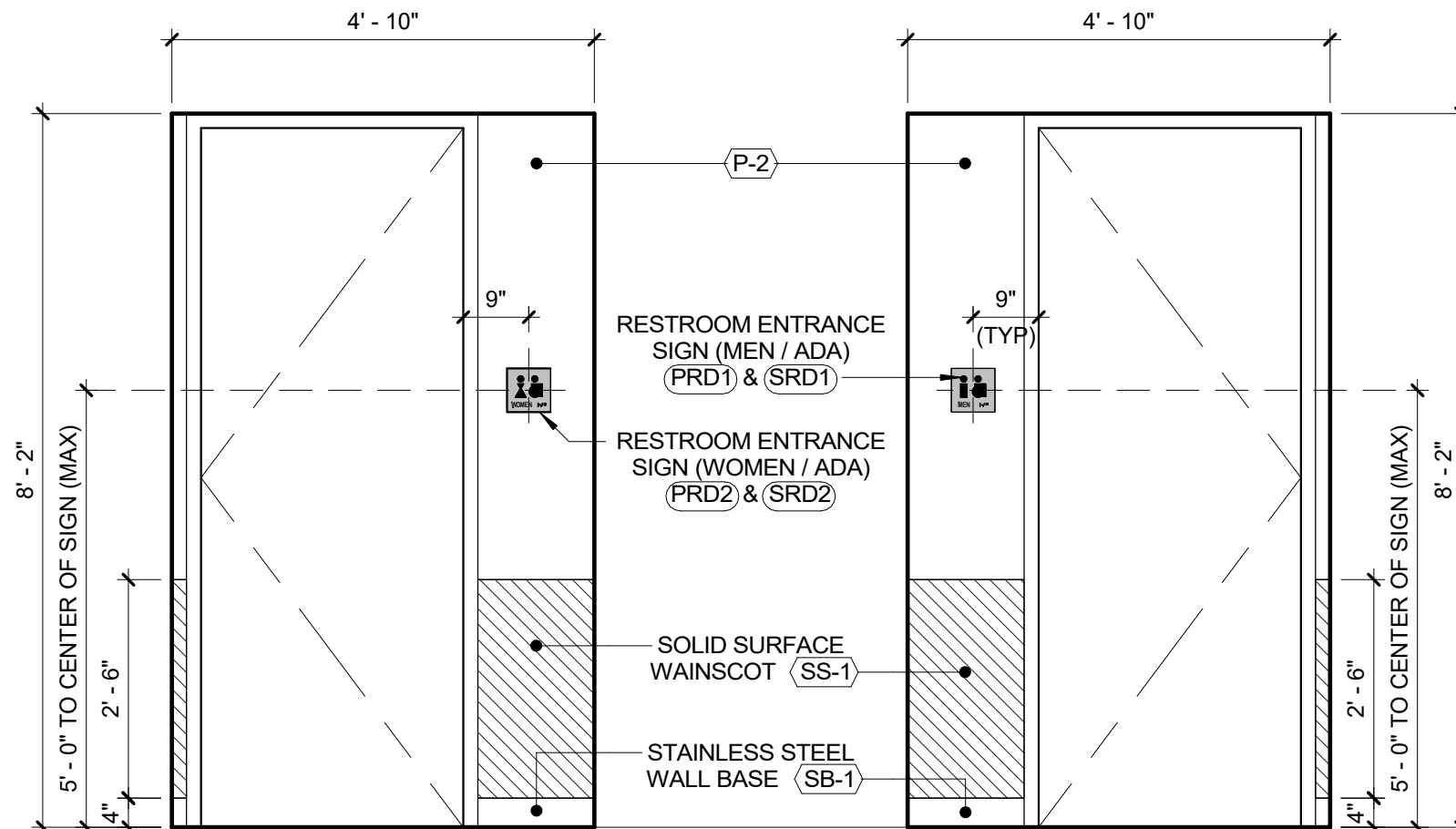
5 PRD1/SRD1 RESTROOM DOOR SIGN
6" = 1'-0"



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

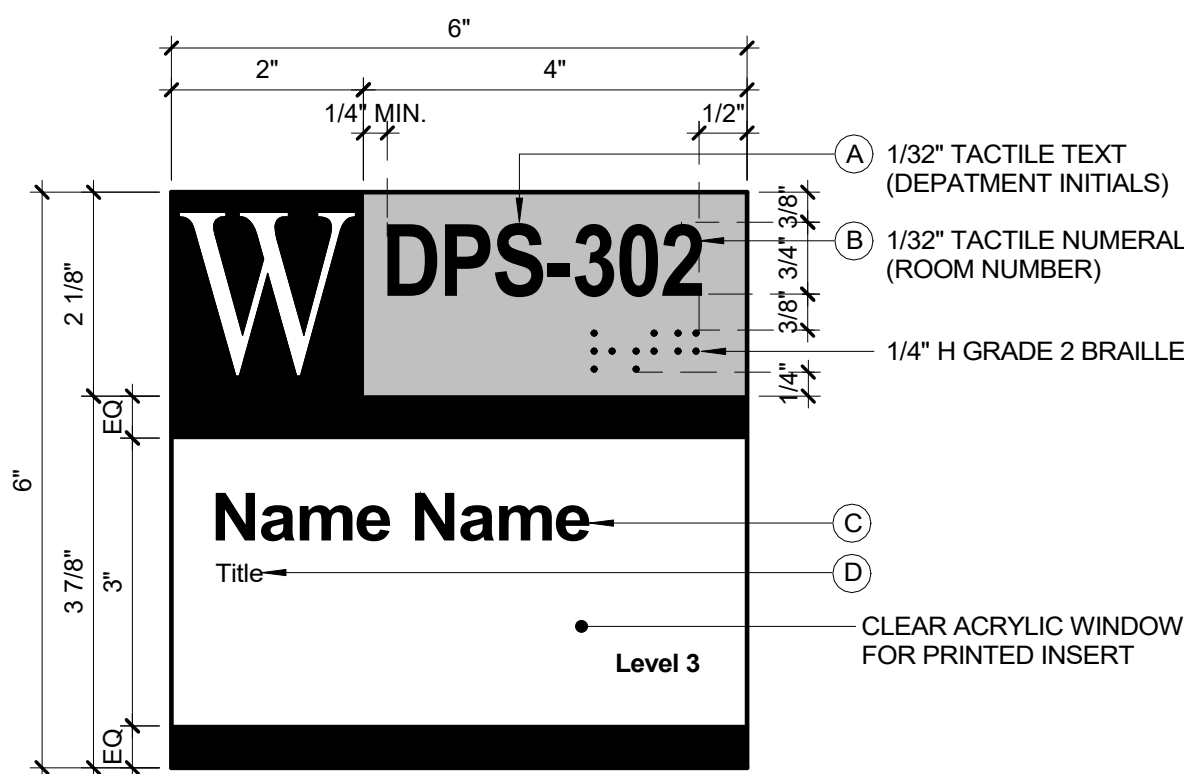


4 PRW1/SRW1 RESTROOM WALL SIGN
3/4" = 1'-0"

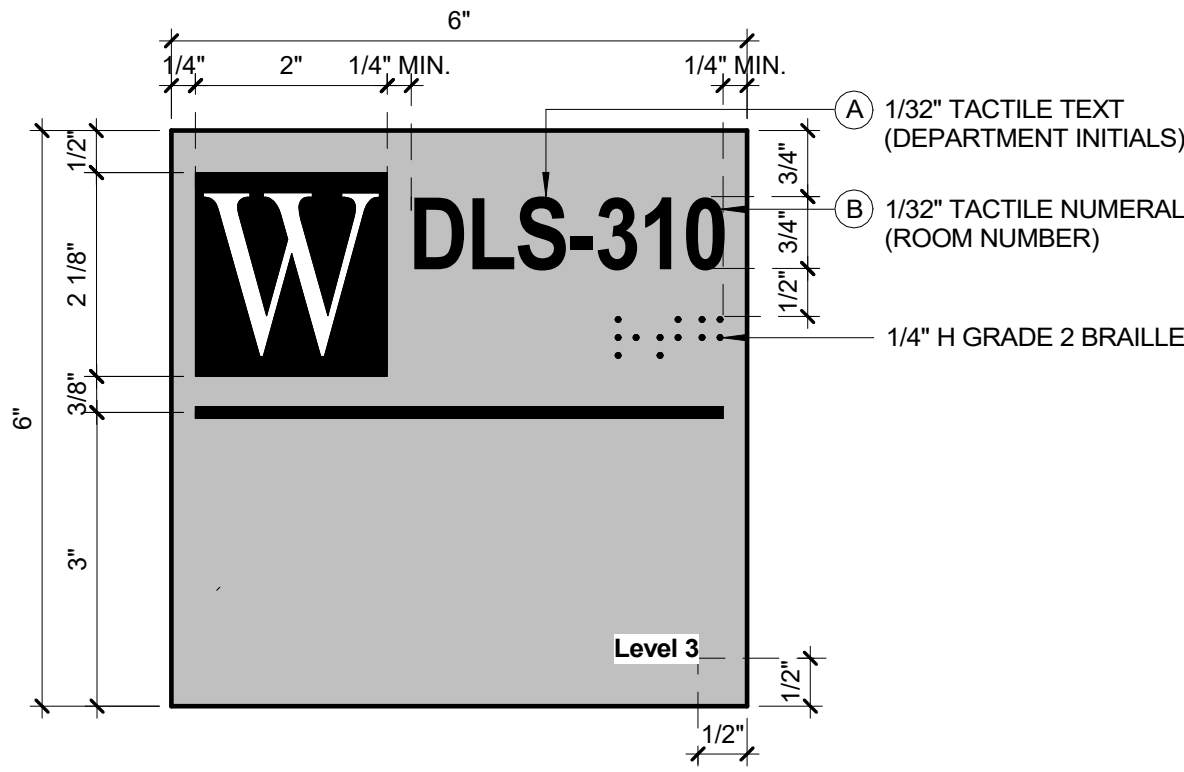


7 RESTROOM ENTRANCE SIGN MOUNTING
1/2" = 1'-0"

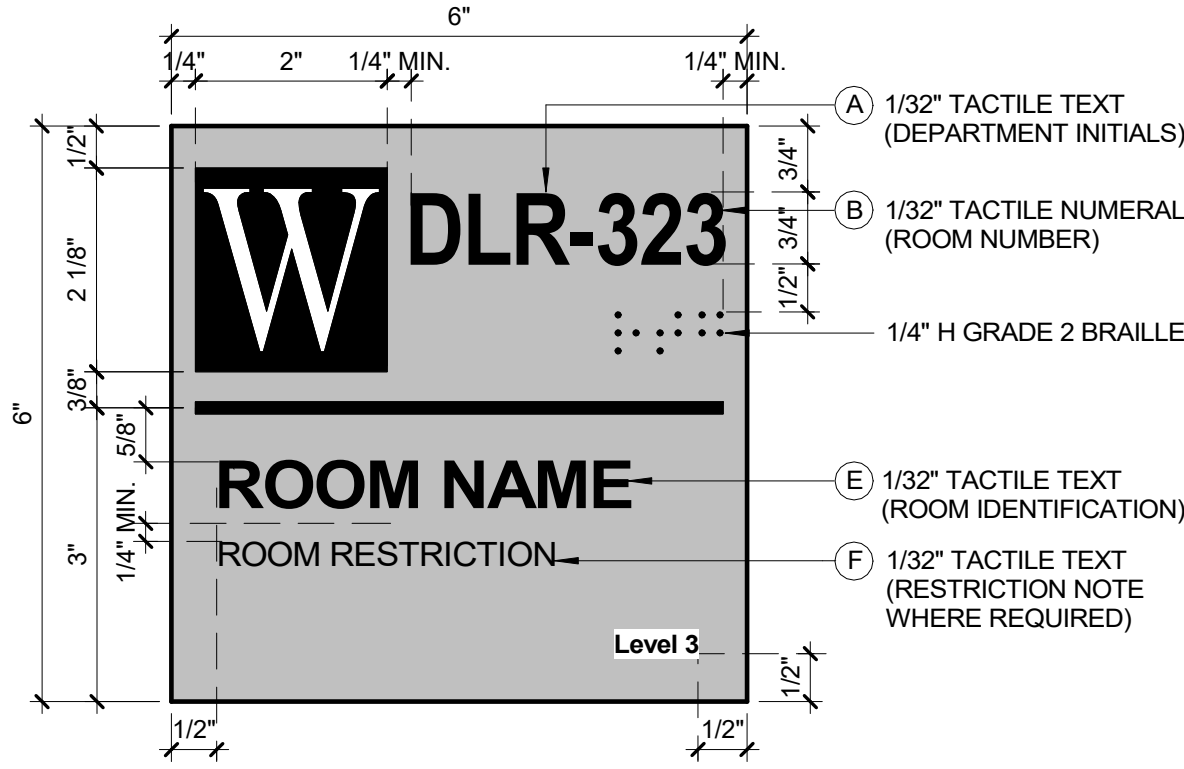
CONSULTANT SEAL 	CONSULTANT INFORMATION Graf & Lewent Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989			
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES				
CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514		SHEET NUMBER A-506
DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SHEET NO. 103 OF 106		SCALE: As indicated DATE: May 20, 2021 Issue Date DPW FILE NO. REV NO. 0
SIGN SCHEDULE & DETAILS 52-01-A-547				



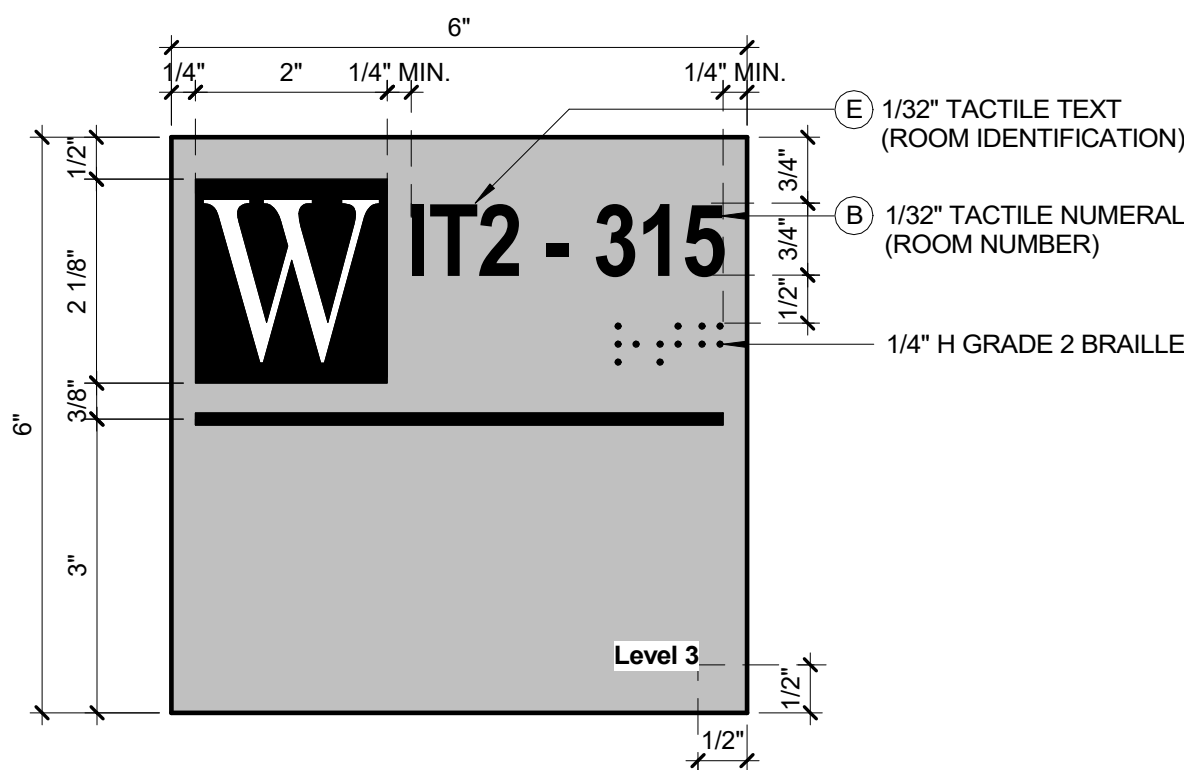
E-1 CHANGEABLE ROOM SIGN



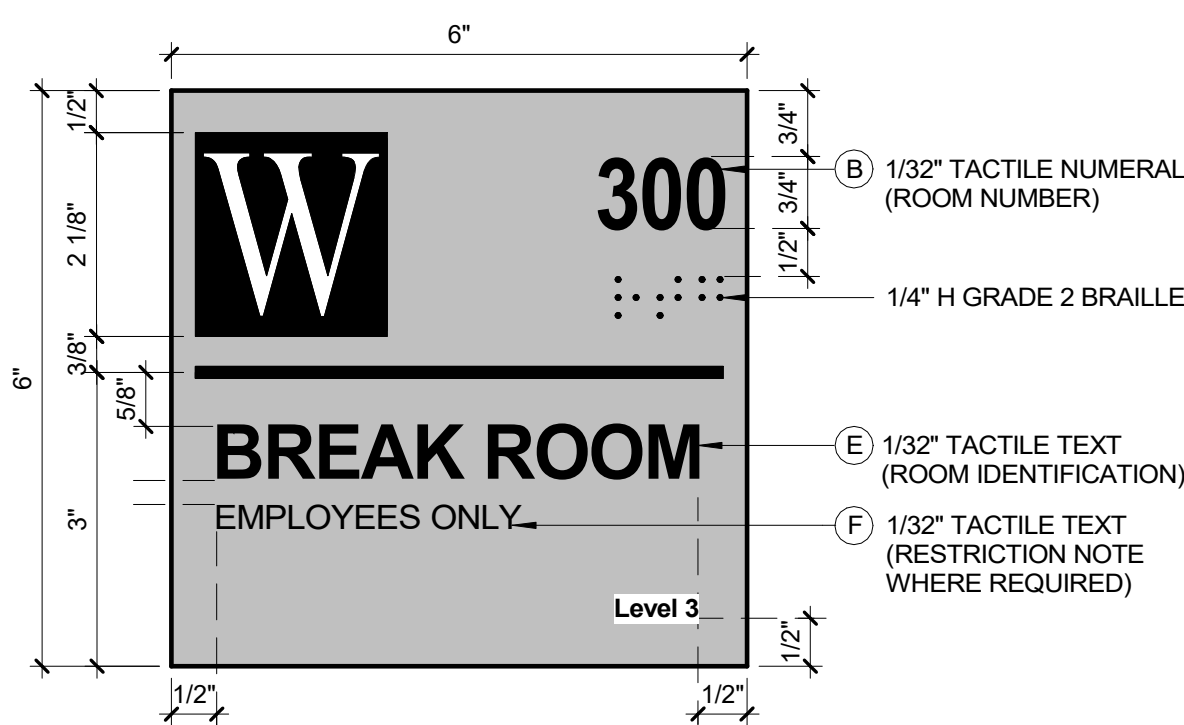
E-2 FIXED MESSAGE ROOM SIGN



E-3 FIXED MESSAGE ROOM SIGN



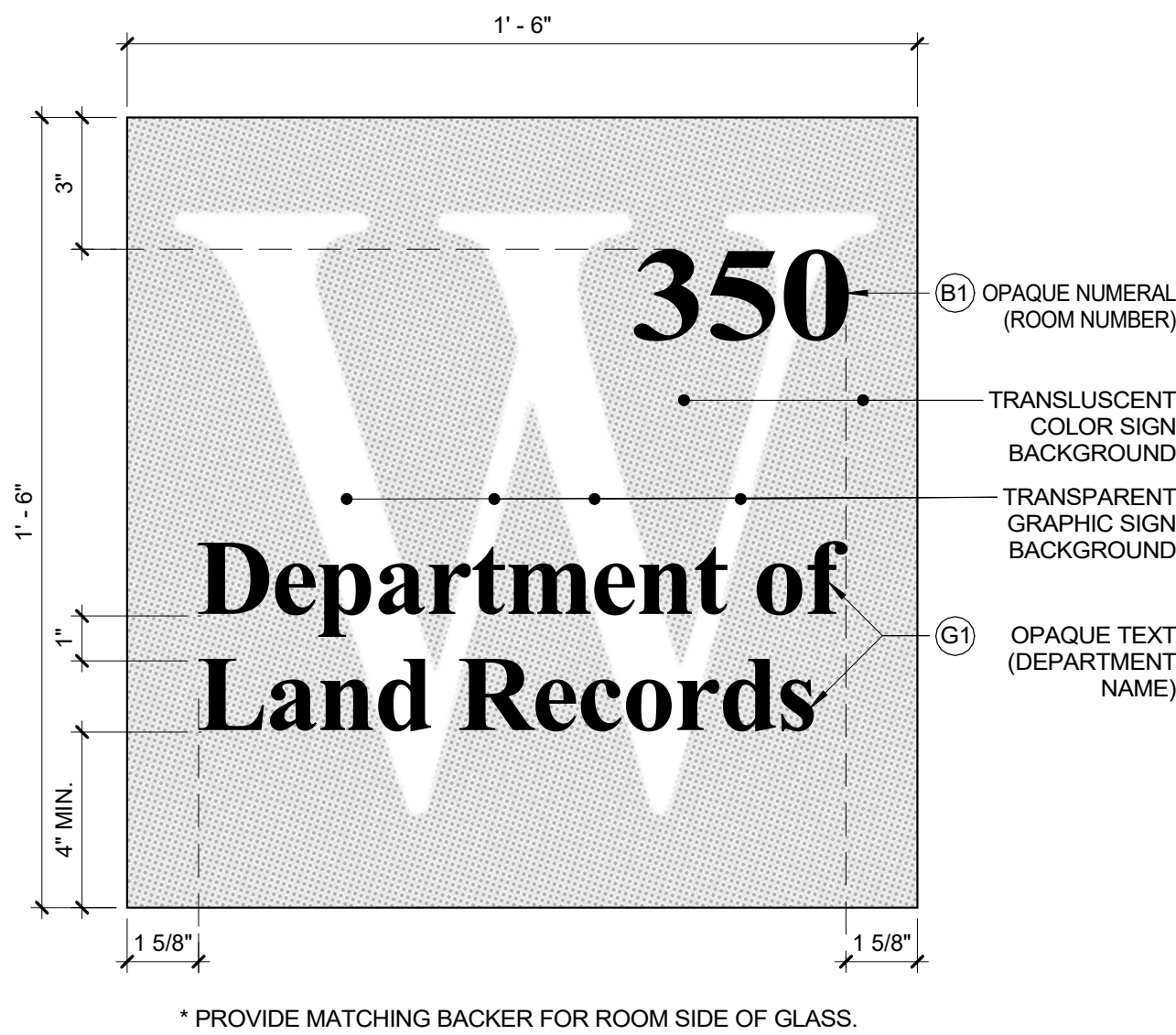
E-4 FIXED MESSAGE ROOM SIGN



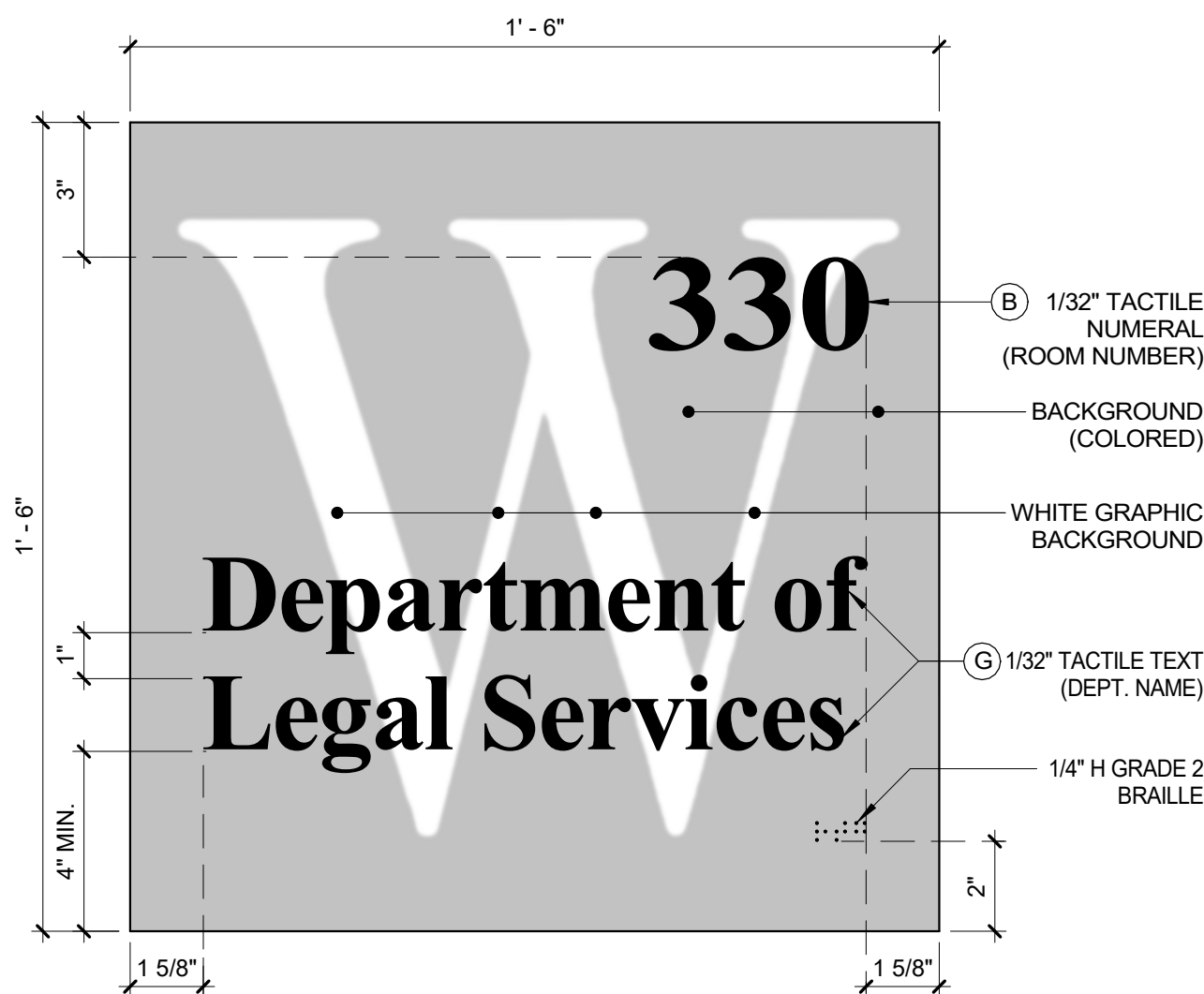
E-5 FIXED MESSAGE ROOM SIGN

ROOM SIGN MESSAGE SCHEDULE							
ROOM TAG/ SYMBOLS	SIGN ELEVATION	DEPARTMENT	ROOM NO.	OCCUPANT NAME	OCCUPANT DESIGNATION	ROOM IDENTIFICATION	ROOM NOTE
		A	B	C	D	E	F
CR1	E-3	WCC	DESIGNATED BY WCD DW	-	-	CONFERENCE ROOM 1	-
CR2	E-3	WCC	..	-	-	CONFERENCE ROOM 2	-
CR3	E-3	DPS	..	-	-	CONFERENCE ROOM	-
SD1	E-3	DPS	..	-	-	INTERVIEW ROOM	-
SD1A	E-3	DPS	..	-	-	INTERVIEW ROOM	-
SD2	E-2	DPS	..	-	-	-	-
SD3	E-2	DLS	..	-	-	-	-
SD4	E-2	DLN	..	-	-	-	-
SD5	E-2	GRAND JURY	..	-	-	STAGING/BREAK ROOM	-
UR1	E-4	-	..	-	-	IT2	-
UR1A	E-4	-	..	-	-	IT1	-
UR1B	E-4	-	..	-	-	IT3	-
UR2	E-3	DPS	..	-	-	STORAGE ROOM	-
UR2A	E-3	DLS	..	-	-	STORAGE ROOM	-
UR2B	E-3	DLN	..	-	-	STORAGE ROOM	-
UR2C	E-3	DLR	..	-	-	STORAGE ROOM	-
UR2D	E-3	DOF	..	-	-	STORAGE ROOM	-
UR2E	E-3	WCC	..	-	-	STORAGE ROOM	-
UR2F	E-3	PU	..	-	-	STORAGE ROOM	-
UR2G	E-3	DLR	..	-	-	STORAGE ROOM	-
UR3	E-3	-	..	-	-	ELECTRICAL ROOM	-
UR4	E-3	DLN	..	-	-	PANTRY	-
UR4A	E-3	WCC	..	-	-	PANTRY	-
UR5	E-3	DPS	..	-	-	MEN'S LOCKER ROOM	-
UR5A	E-3	DPS	..	-	-	WOMEN'S LOCKER ROOM	-
UR6	E-3	-	..	-	-	MAILING & PARCEL	-
UR7	E-3	-	..	-	-	JANITOR'S ROOM	-
UR8	E-5	-	..	-	-	BREAK ROOM	EMPLOYEES ONLY
WO1	E-1	WCC	..	TIMOTHY C. IDONI	COUNTY CLERK	-	-
WO1A	E-1	WCC	..	-	-	COUNTY CLERK'S OFFICE	-
WO2	E-1	WCC	..	CAROL ARCURI	ASSISTANT TO THE COUNTY CLERK	-	-
WO2A	E-1	WCC	..	JOHN ALLEN	DEPUTY COUNTY CLERK	-	-
WO2B	E-1	WCC	..	HULDA MARTINEZ	ADMINISTRATION SERVICES	-	-
WO2C	E-1	WCC	..	BRENDON	COMMUNITY OUTREACH PROGRAM ADMINISTRATOR	-	-
WO3	E-1	PU	..	-	-	-	-
WO4	E-1	DLR	..	-	-	-	-
WO4A	E-1	DLR	..	-	-	SCAN / MAP ROOM	-
WO4B	E-1	DLR	..	-	-	-	-
WO4C	E-1	DLR	..	-	-	-	-
WO4D	E-1	WCC	..	SUSAN KIERNAN	EXECUTIVE DEPUTY COUNTY CLERK	-	-
WO5	E-1	DLN	..	-	-	-	-
WO6	E-1	DLS	..	-	-	-	-
WO6A	E-1	DLS	..	-	-	-	-
WO6B	E-1	DLS	..	-	-	-	-
WO7	E-1	DOT	..	-	-	-	-
WO7A	E-1	DOT	..	-	-	-	-
WO8	E-1	DPS	..	-	-	-	-
WO8A	E-1	DPS	..	-	-	-	-
-	-	-	-	-	-	-	-

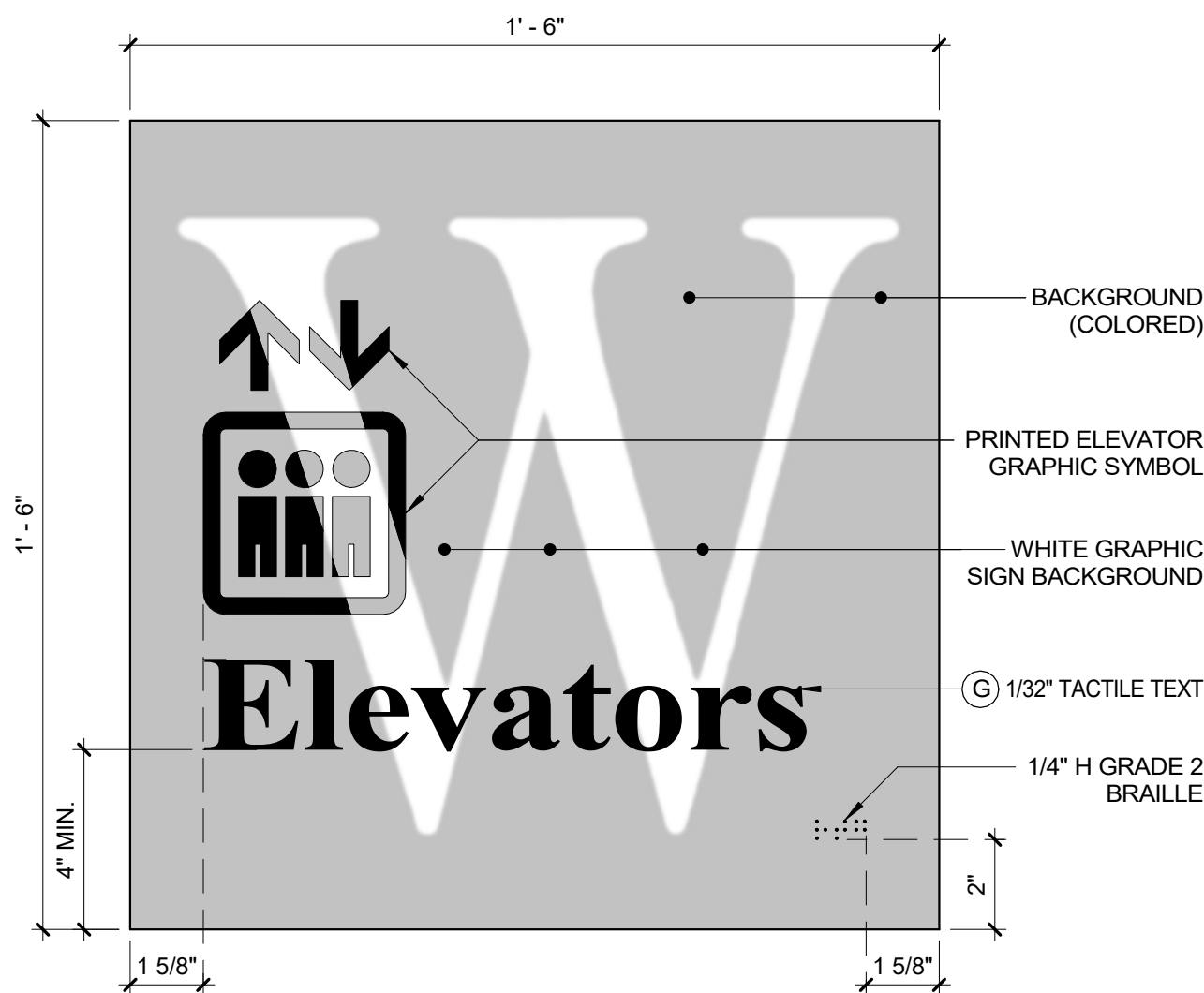
1 ROOM/OFFICE SIGNS
6" = 1'-0"



E-6 GLASS MOUNTED LOCATION SIGN



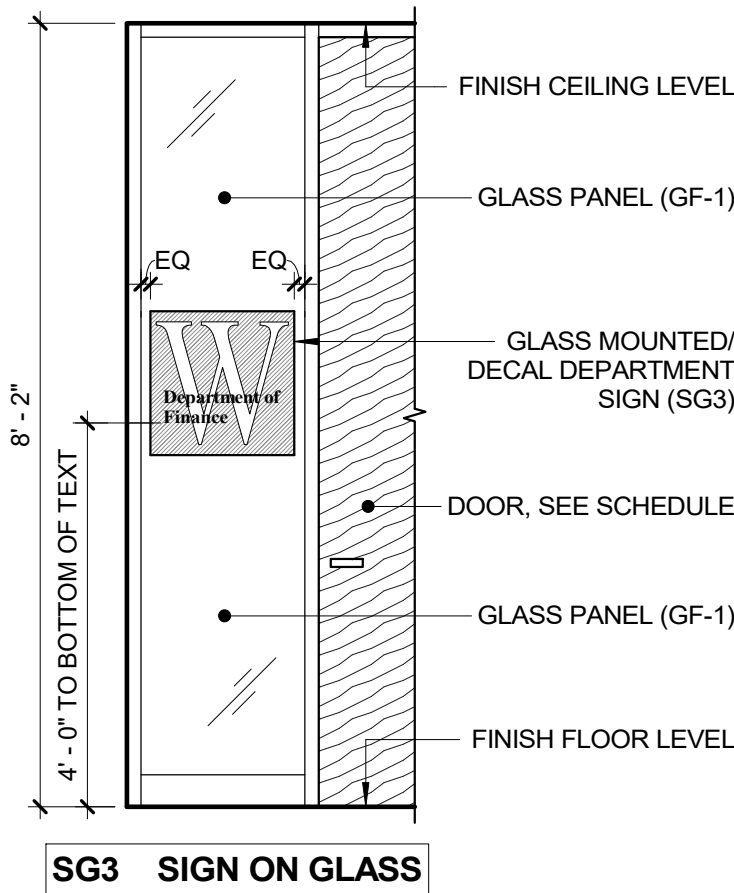
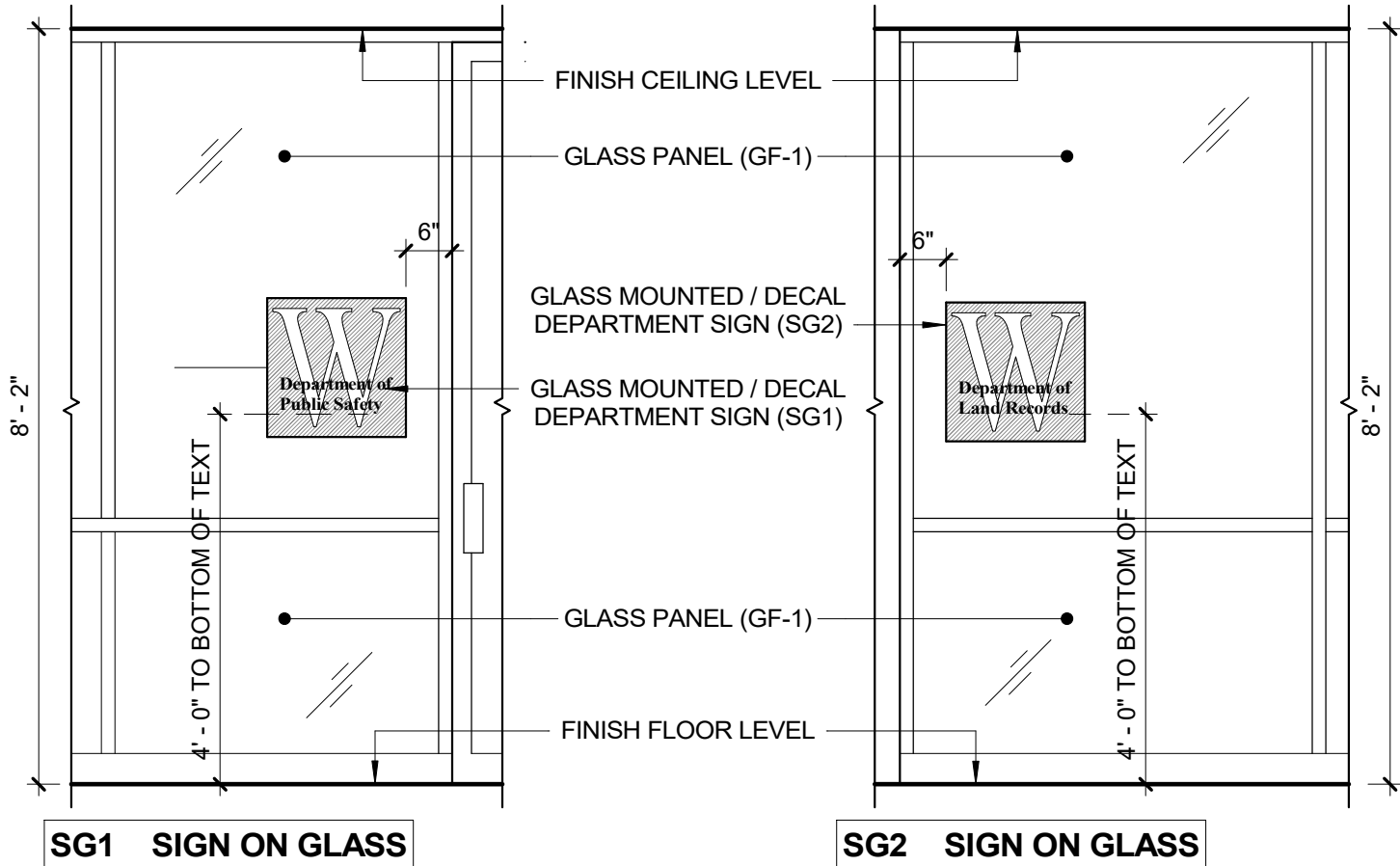
E-7 WALL MOUNTED LOCATION SIGN



E-8 WALL MOUNTED LOCATION SIGN

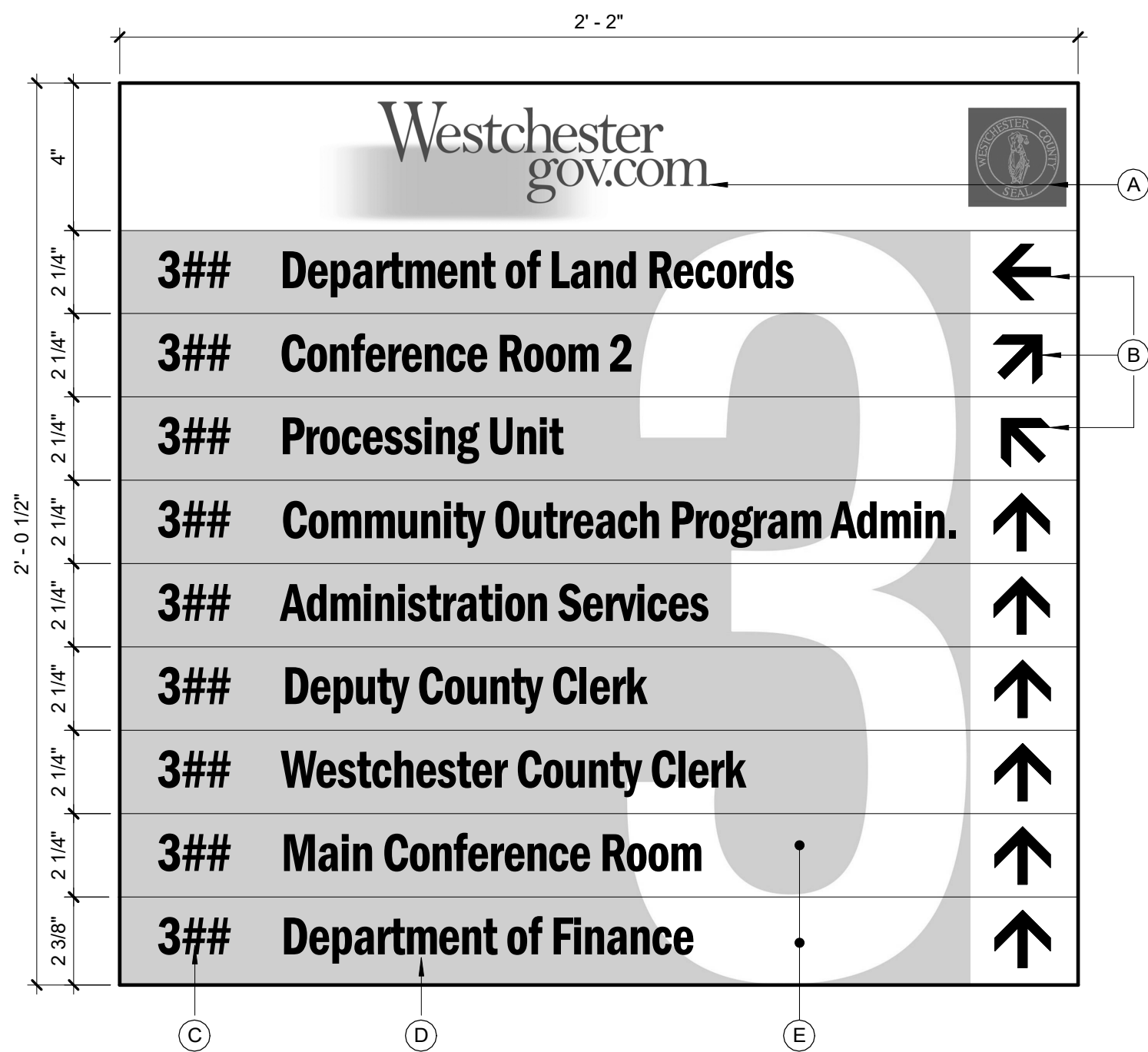
2 LOCATION/DEPARTMENT SIGNS
3" = 1'-0"

LOCATION SIGN MESSAGE SCHEDULE				
ROOM TAG/ SYMBOLS	SIGN ELEVATION	ROOM NO.	SIGN MESSAGE	SIGN TYPE
		B/B1	G/G1	
SG1	E-6	3##	DEPARTMENT OF PUBLIC SAFETY	MOUNTED ON GLASS (DECAL)
SG2	E-6	3##	DEPARTMENT OF LAND RECORDS	MOUNTED ON GLASS (DECAL)
SG3	E-6	3##	DEPARTMENT OF FINANCE	MOUNTED ON GLASS (DECAL)
WD1	E-7	3##	WESTCHESTER COUNTY CLERK	WALL MOUNTED
WD2	E-7	3##	PROCESSING UNIT	WALL MOUNTED
WD3	E-7	3##	DEPARTMENT OF LICENSING & NATURALIZATION	WALL MOUNTED
WD4	E-7	3##	DEPARTMENT OF LEGAL SERVICES	WALL MOUNTED
WD5	E-7	3##	DEPARTMENT OF TRANSPORTATION	WALL MOUNTED
WD6	E-8	-	ELEVATORS	WALL MOUNTED
WD7	E-7	TO BE DETERMINED	GRAND JURY ROOM	WALL MOUNTED

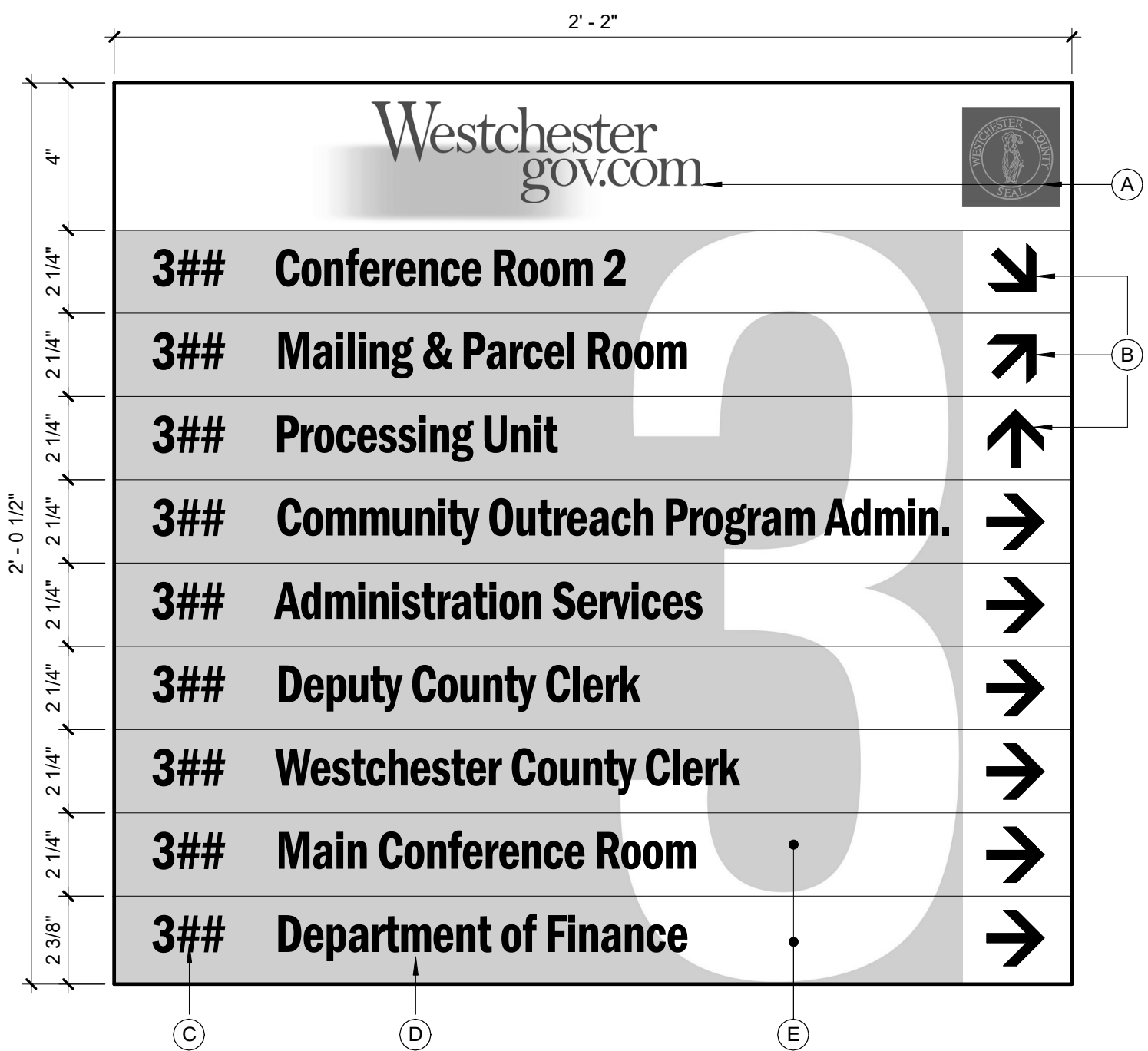


3 GLASS MOUNTED DEPARTMENT SIGNS
1/2" = 1'-0"

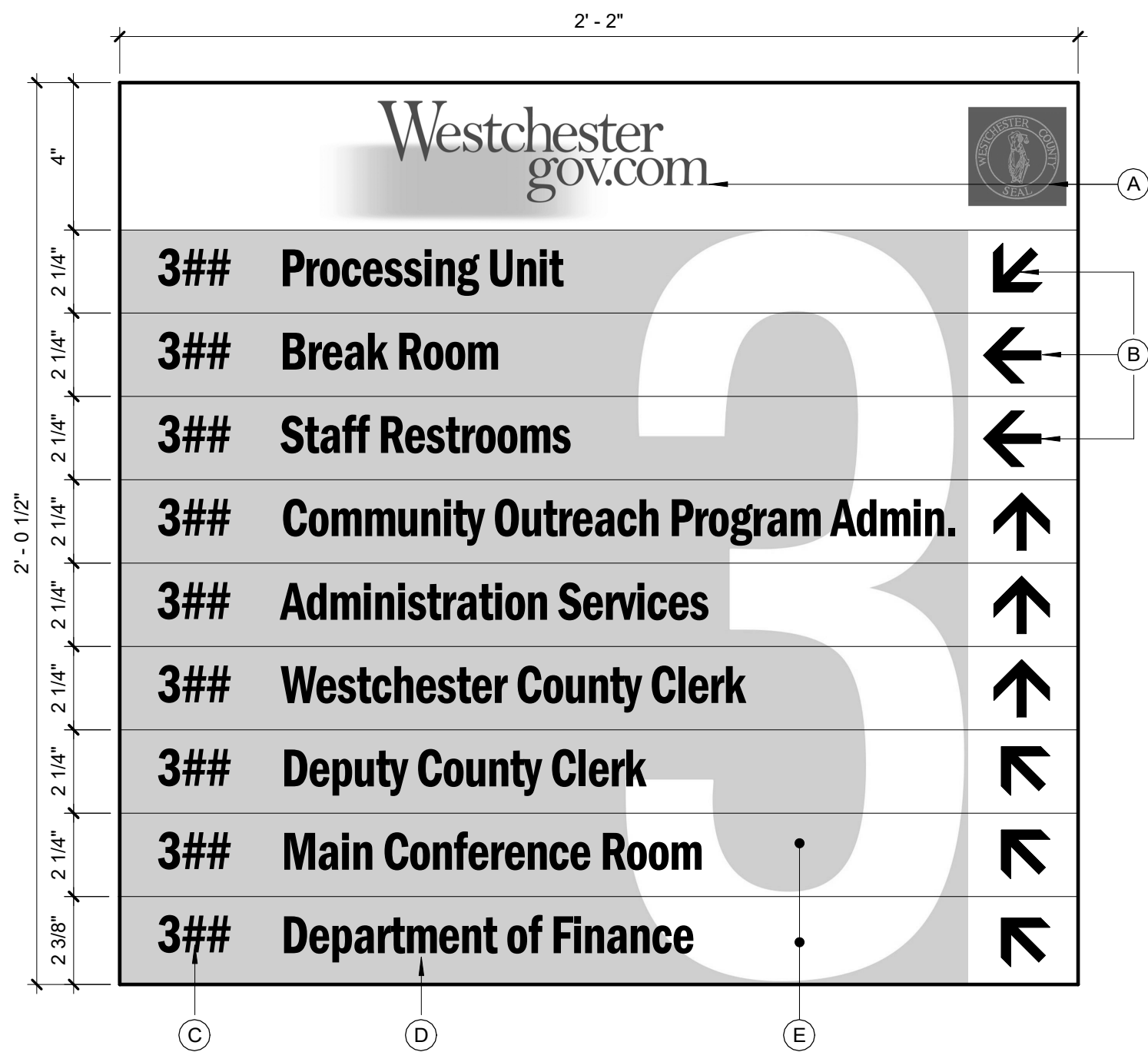
CONSULTANT SEAL 	CONSULTANT INFORMATION Graf & Lewent Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989			
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____		CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514 SHEET NO. 104 OF 106		
DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: As indicated DATE: May 20, 2021 DPW FILE NO. 52-01-A-548		
SIGN DETAILS		SHEET NUMBER A-507		



E-1 DS-1 DIRECTIONAL SIGN



E-2 DS-2 DIRECTIONAL SIGN



E-3 DS-3 DIRECTIONAL SIGN

DIRECTIONAL SIGN LEGEND		
TAG/ SYMBOL	DESCRIPTION	NOTE
(A)	WESTCHESTER COUNTY LOGO & SEAL	PRINTED HEAD GRAPHICS
(B)	DIRECTIONAL ARROWS	1/32" TACTILE SYMBOLS
(B1)	DIRECTIONAL ARROWS	PRINTED GRAPHIC SYMBOLS
(C)	ROOM NUMBER	1/32" TACTILE NUMERALS & TEXT
(D)	ROOM / OFFICE IDENTIFICATION	
(D1)	LOCATION / DEPARTMENT NAME	PRINTED TEXT (BOLD)
(E)	GRAPHIC BACKGROUND	PRINTED GRAPHICS (COLORS TBD)
(F)	RESTROOM SYMBOL	PRINTED GRAPHIC SYMBOL
(G)	ADA RESTROOM SYMBOL	PRINTED GRAPHIC SYMBOL
(H)	ELEVATOR SYMBOL	PRINTED GRAPHIC SYMBOL

1 WALL MOUNTED DIRECTIONAL SIGNS
3" = 1'-0"



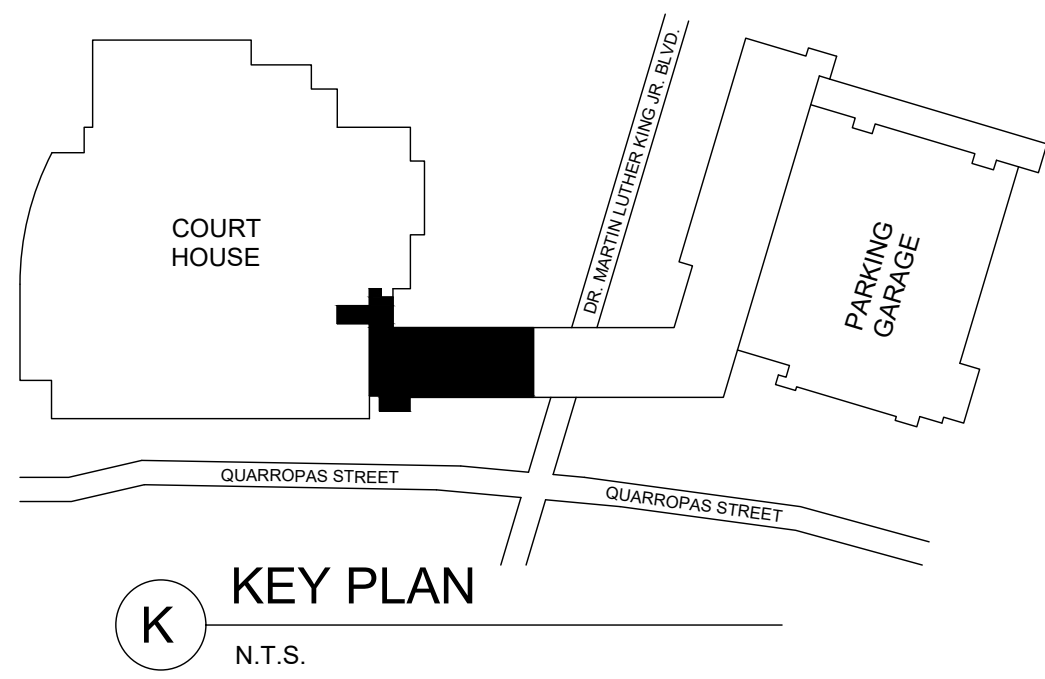
DS4 OVERHEAD DIRECTIONAL SIGN



DS5 OVERHEAD DIRECTIONAL SIGN

2 OVERHEAD DIRECTIONAL SIGNS
3" = 1'-0"

CONSULTANT SEAL 		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			
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 DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER A-508
DIVISION OF ENGINEERING		SHEET NO. 105	OF 106
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: 3" = 1'-0" DATE: May 20, 2021 DPW FILE NO.	Issue Date REV NO. 0
SIGN DETAILS		52-01-A-549	



STRUCTURAL DESIGN CRITERIA:

APPLICABLE CODE:	NEW YORK STATE BUILDING CODE 2020
RISK CATEGORY (MUNICIPAL BLDG)	IV
TERRAIN CATEGORY	B
ROOF LIVE LOAD:	
DESIGN LIVE LOAD:	20 PSF
ROOF SNOW LOAD:	
GROUND SNOW LOAD:	30 PSF
SNOW LOAD:	30 PSF
SNOW EXPOSURE FACTOR (Ce):	1.2
SNOW IMPORTANCE FACTOR (Is):	1.2
THERMAL FACTOR (Ci):	1.0
EQUIPMENT LOAD:	
RTU-1: TRANE PACKAGE ROOFTOP	930 LBS
WIND LOAD:	
BASIC WIND SPEED:	125 MPH
WIND IMPORTANCE FACTOR (Iw):	1.15
WIND EXPOSURE:	B

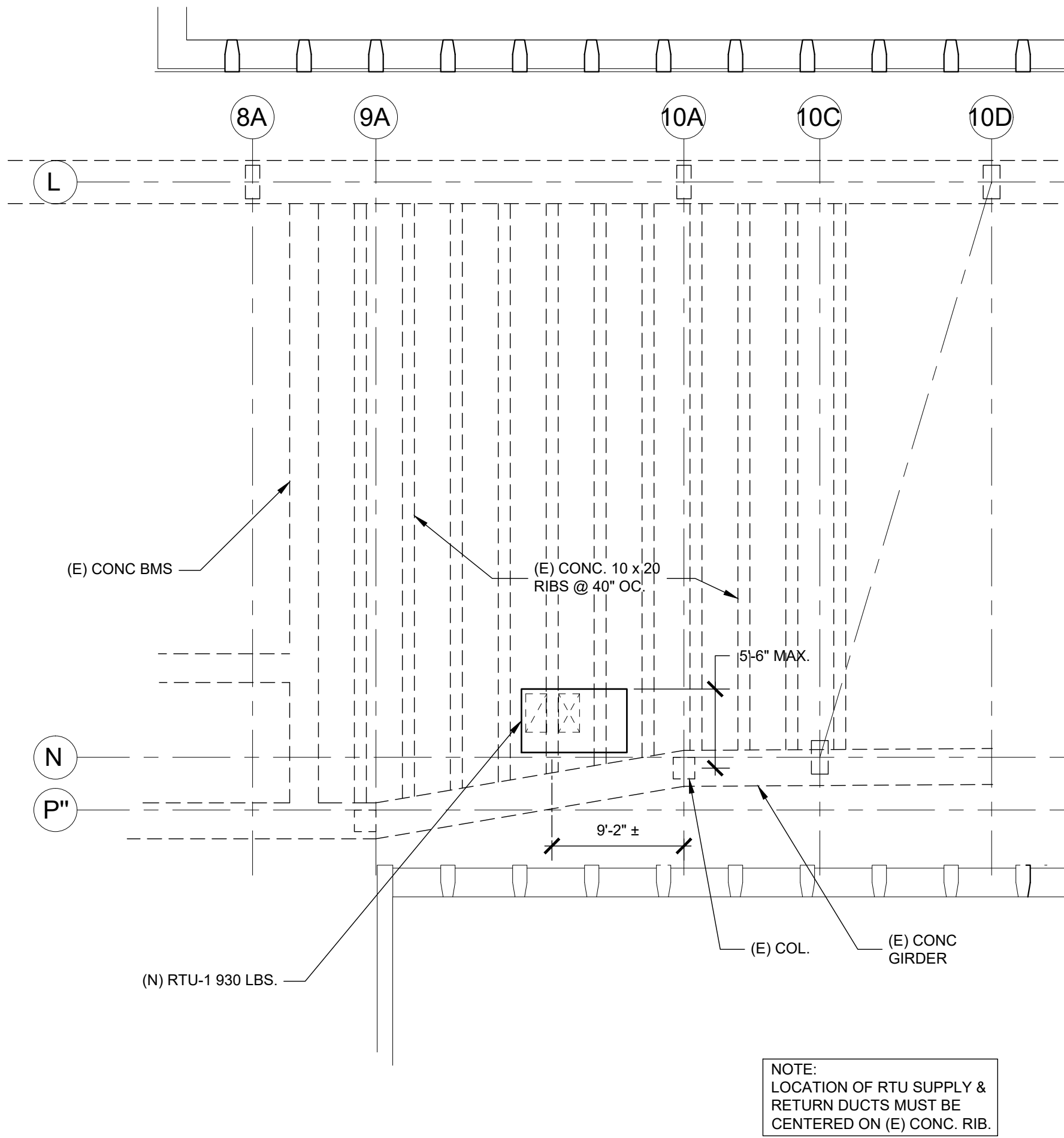
THERE ARE NO CHANGES OR MODIFICATIONS TO THE MAIN WIND FORCE RESISTING SYSTEMS OF THIS BUILDING.

RENOVATIONS, ALTERATIONS AND NEW EQUIPMENT OF THIS PROJECT DO NOT ALTER OR INCREASE THE SEISMIC DESIGN LOADS FOR THIS BUILDING. THERE ARE NO CHANGES OR MODIFICATIONS TO THE MAIN SEISMIC FORCE RESISTING SYSTEMS OF THIS BUILDING.

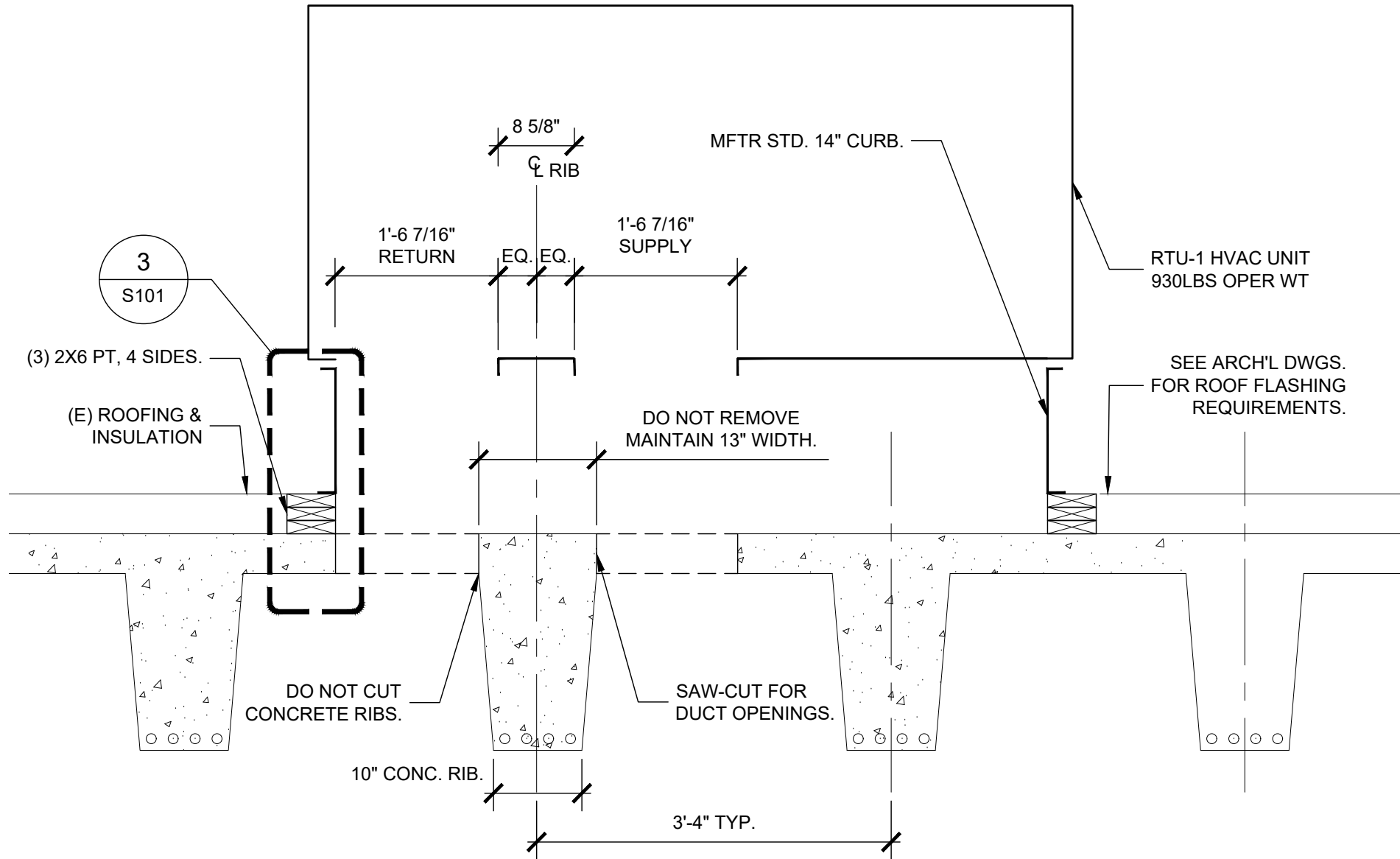
EXISTING ROOF FRAMING HAS SUFFICIENT CAPACITY TO SUPPORT PROPOSED EQUIPMENT (AS LOCATED HEREIN) PLUS LIVE/SNOW LOADS.

GENERAL NOTES:

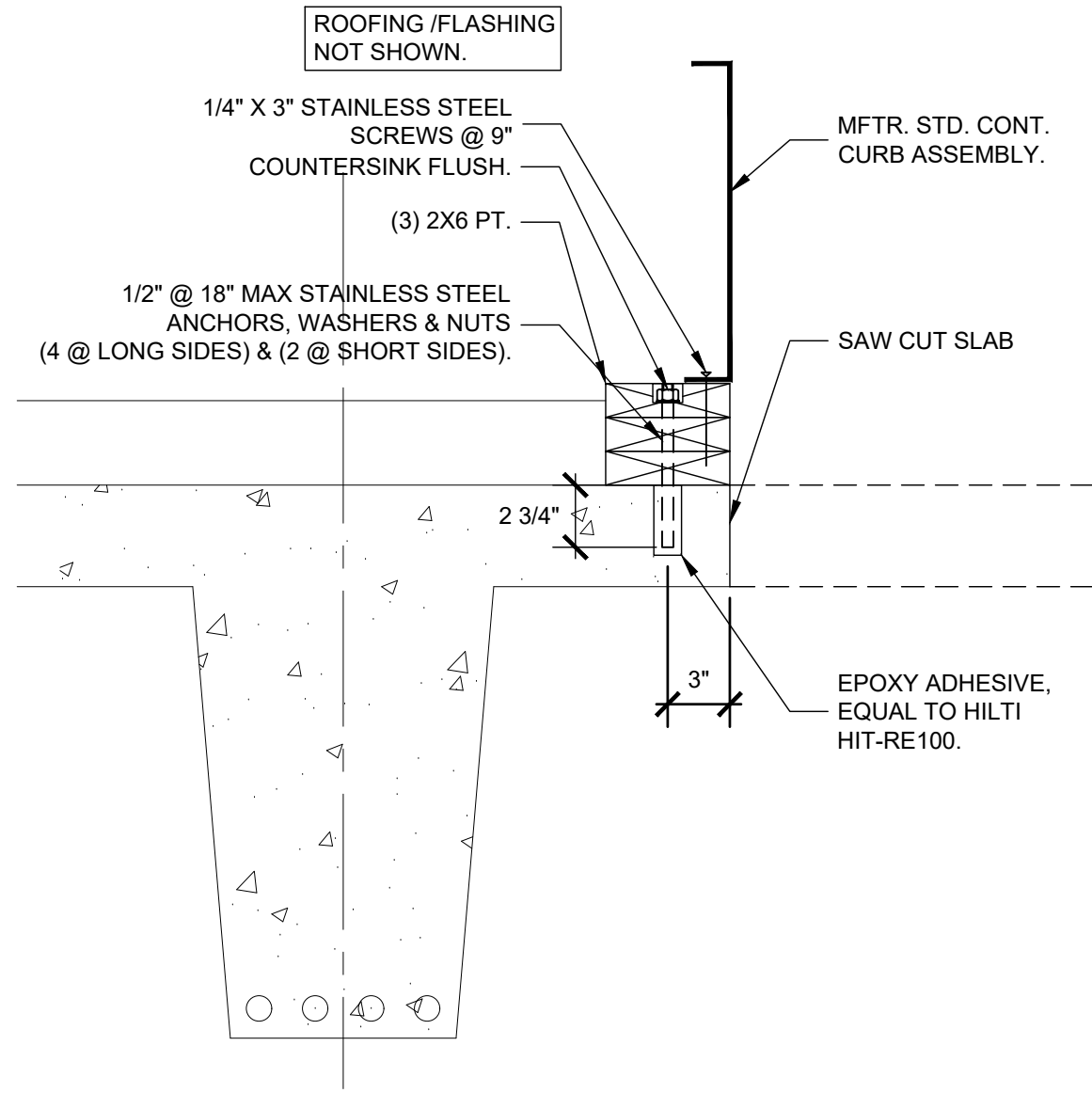
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2020 NEW STATE BUILDING CODE AND THE CITY OF WHITE PLAINS CODE.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH THE A- & M- DRAWINGS PRIOR TO PROCEEDING WITH ANY WORK.
- CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL EXISTING CONDITIONS. DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER AND RESOLVED PRIOR TO PROCEEDING WITH THE WORK.
- ALL WORK SHALL COMPLY WITH THE RULES AND REGULATIONS OF ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND FAMILIARIZING HIMSELF WITH EXISTING CONDITIONS.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL SAFE WORKING CONDITIONS AND SHALL OBSERVE ALL SAFETY REQUIREMENTS ESTABLISHED BY JURISDICTIONAL AGENCIES AND THE OWNER. WHERE CONFLICTS EXIST, THE MORE STRINGENT REQUIREMENTS SHALL APPLY. CARE SHALL BE EXERCISED TO AVOID ENDANGERING PERSONAL OR THE STRUCTURE.
- FURNISH ALL SCAFFOLDING, HOISTING EQUIPMENT AND ANY OTHER EQUIPMENT THAT MAY BE REQUIRED TO PERFORM THE WORK INDICATED IN A SAFE AND ORDERLY MANNER.
- THE CONTRACTOR SHALL REPAIR, AT NO COST TO THE OWNER, ANY DAMAGE CAUSED BY HIM DURING OR RESULTING FROM HIS OPERATIONS.
- CONTRACTOR SHALL REPLACE ALL EXISTING CONSTRUCTION BEING REMOVED FOR CONSTRUCTION PURPOSES. MATCH EXISTING CONSTRUCTION IN KIND.
- UPON COMPLETION OF WORK, ALL EXCESS MATERIAL, DEBRIS, ETC., SHALL BE REMOVED AND WORK AREA LEFT CLEAN TO THE OWNER'S SATISFACTION.



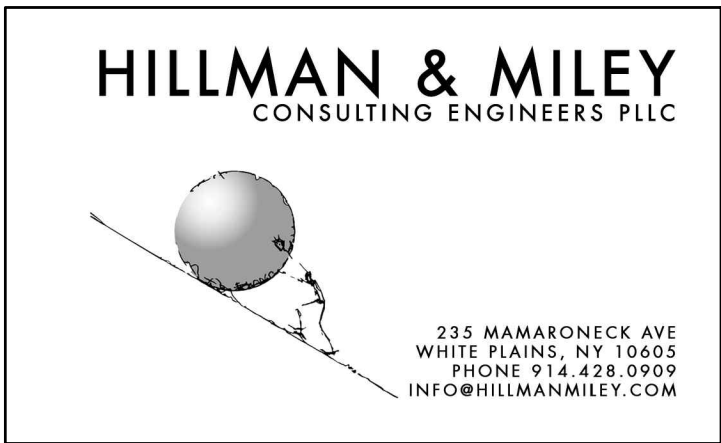
1 PARTIAL ROOF FRAMING PLAN
SCALE: 1/8"=1'-0"



2 SECTION-SLAB OPENINGS
SCALE: 3/4"=1'-0"



3 ANCHORAGE DETAIL
SCALE: 1 1/2"=1'-0"



21.4263

CONSULTANT SEAL		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
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: _____		NAME: _____	
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TITLE: _____		TITLE: _____	
DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER S-101
DIVISION OF ENGINEERING		SHEET NO. 106 OF 106	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK		SCALE: NOTED DATE: 05-20-2021	
STRUCTURAL - ROOF FRAMING & DETAILS		DPW FILE NO. 52-01-S-550	REV NO. 0

FAN COIL UNIT SCHEDULE																			DAIKIN AS STD.
UNIT NO	TYPE	MODEL NUMBER	SA CFM	MOTOR DATA		COIL DATA										UNIT PHYSICAL SIZE		UNIT PHYSICAL WEIGHT (LBS)	REMARKS
				HP	VOLTS	NO OF ROWS	CHILLED WATER					HOT WATER							
					/PHASE		ENT H2O	MBH	ENT AIR	LVG AIR	GPM	ENT H2O	MBH	ENT AIR	LVG AIR	GPM			
								LVG H2O	SENS	DB	DB	P.D. FT WC	LVG H2O	SENS	DB	DB	P.D. FT WC		
FCU 02	VERTICAL	FCVH-102	189	1/20	277 1	4	45 54	4.0 4.4	74 74	54.7 53.9	0.9 0.3	120 100	6.5	72.0	103.2	0.6 0.13	18.8" X 9.6" X 24.0"	56	-UNIT MOUNTED 3-SPEED SWITCH WITH OFF POSITION -DISCONNECT SWITCH (BY ELECTRICAL CONTRACTOR) -PROVIDE WITH MANUFACTURER'S BAGNET ENABLED THERMOSTAT FOR CONNECTION TO BMS, MODEL IM-1234-1
FCU 03	VERTICAL	FCVH-103	243	1/20	277 1	4	45 54	4.8 5.2	74 62	56.1 54.7	1.0 0.5	120 100	9.0	72.0	105.9	0.9 0.28	24.3" X 9.6" X 24.0"	64	
FCU 04	VERTICAL	FCVH-104	343	1/25	277 1	4	45 54	7.9 9.0	74 62	53.0 52.8	1.8 1.6	120 100	14.4	72.0	110.3	1.4 0.70	29.8" X 9.6" X 24.0"	76	
FCU 06	VERTICAL	FCVH-106	553	1/12	277 1	4	45 54	11.4 13.3	74 62	55.1 53.7	2.7 0.5	120 100	20.2	72.0	105.3	2.8 19.6	40.8" X 9.6" X 24.0"	94	

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 SP. IN./IN.	ENT H ₂ O	NO. OF ROWS	GPM /40 F.D. FT./IN.	AIR TEMP. RISE /40 F.T./IN.	AIR P.D. FT./IN.	INLET SIZE	DUCT DISCHARGE	BOX DIMENSION				
											L X W X H (INCLUDING CONTROL BOX)				
<div>VAV 1</div>	60	300	0.27	<div>120 100</div>	1	<div>1 0.2</div>	-	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)		
<div>VAV 2</div>	90	450	0.23	<div>120 100</div>	1	<div>1 0.2</div>	-	0.23	6Φ	10" x 10"	21 ⁵ / ₈ " x 16 ¹ / ₂ " x 10"	EZTS	1. FACTORY MOUNTED DDG CONTROLS (PROVIDED BY BMS)		
<div>VAV 3</div>	160	700	0.25	<div>120 100</div>	1	<div>2 2.4</div>	-	0.24	8Φ	12" x 10"	21 ⁵ / ₈ " x 18 ¹ / ₂ " x 10"	EZTS	2. 1 ROW HOT WATER COIL		
<div>VAV 4</div>	270	1,000	0.24	<div>120 100</div>	1	<div>2 3.4</div>	-	0.23	10Φ	14" x 12 ¹ / ₂ "	23 ⁵ / ₈ " x 22 ¹ / ₂ " x 12 ¹ / ₂ "	EZTS	3. INSULATED HINGED BOTTOM ACCESS DOOR		
<div>VAV 5</div>	360	1,400	0.25	<div>120 100</div>	1	<div>3 0.5</div>	-	0.23	12Φ	16" x 15"	27 ⁵ / ₈ " x 22 ¹ / ₂ " x 15"	EZTS	4. 1" DUAL DENSITY MATTE FACED FIBERGLASS INSULATION 5. 24V ACTUATORS - ACTUATORS WIRED BY BMS		

EXHAUST FAN SCHEDULE														GREENHECK AS STD.
NO	FAN DATA				MOTOR DATA				MODEL NO.	WEIGHT LBS.	DIMENSIONS (LXWXH)	DRIVE	ELECTRIC DATA VOLTS / PHASE	REMARKS:
	SERVICE	LOCATION	TOTAL AIR CFM	FAN SPEED RPM	EXT. STATIC PRESS	BHP	HP	SPEED RPM						
EF 1	WCC UNISEX BATH	ROOF	75	1321	0.25	0.01	1/15	1125	GUE-060-VG	24	19.63'X 19.63'X 13.50'	DIRECT	115	SEE NOTES BELOW:
EF 2	DPS PANTRY	ROOF	100	1424	0.25	0.02	1/15	1125	GUE-060-VG	24	19.63'X 19.63'X 13.50'	DIRECT	115	SEE NOTES BELOW:
EF 3	DPS FEMALE LOCKERS, DPS MALE LOCKERS	ROOF	150	1672	0.25	0.03	1/15	1125	GUE-060-VG	24	19.63'X 19.63'X 13.50'	DIRECT	115	SEE NOTES BELOW:
EF 4	DLS PANTRY	ROOF	100	1424	0.25	0.02	1/15	1125	GUE-060-VG	24	19.63'X 19.63'X 13.50'	DIRECT	115	SEE NOTES BELOW:
EF 5	DLN PANTRY	ROOF	100	1424	0.25	0.02	1/15	1125	GUE-060-VG	24	19.63'X 19.63'X 13.50'	DIRECT	115	SEE NOTES BELOW:
EF 6	PUBLIC RESTROOMS	ROOF	700	1725	0.46	0.11	1/10	1125	GUE-090-VG	32	22.25'X 22.25'X 13.38'	DIRECT	115	SEE NOTES BELOW:
EF 7	DLR PANTRY	ROOF	100	1424	0.25	0.02	1/15	1125	GUE-060-VG	24	19.63'X 19.63'X 13.50'	DIRECT	115	SEE NOTES BELOW:
EF 8	FU PANTRY	ROOF	100	1424	0.25	0.02	1/15	1125	GUE-060-VG	24	19.63'X 19.63'X 13.50'	DIRECT	115	SEE NOTES BELOW:
EF 9	LUNCH/BREAK	ROOF	150	1672	0.25	0.03	1/15	1125	GUE-060-VG	24	19.63'X 19.63'X 13.50'	DIRECT	115	SEE NOTES BELOW:
EF 10	STAFF RESTROOMS	ROOF	635	1702	0.5	0.11	1/10	1125	GUE-090-VG	32	22.25'X 22.25'X 13.38'	DIRECT	115	SEE NOTES BELOW:
EF 11	DOF PANTRY, WCC PANTRY	ROOF	200	1725	0.47	0.03	1/15	1125	GUE-070-VG	24	19.63'X 19.63'X 13.50'	DIRECT	115	SEE NOTES BELOW:
EF 12	NORTH ELECTRICAL ROOM	WCC UNISEX BATHROOM	100	1177	0.1	0.01	1/15	1125	SQ-060-VG	32	12.00'X 12.00'X 16.00'	DIRECT	115	SEE NOTES BELOW:
EF 13	CENTRAL ELECTRICAL ROOM	PUBLIC RESTROOMS MALE	100	1177	0.1	0.01	1/15	1125	SQ-060-VG	32	12.00'X 12.00'X 16.00'	DIRECT	115	SEE NOTES BELOW:

NOTES:
1. SWITCH NEMA-1, TOGGLE, SHIPPED WITH UNIT
2. MANUFACTURER'S ROOF CURB
3. INTEGRAL ISOLATION DAMPER

HOT WATER COIL SCHEDULE																TRANE AS STD.	
NO	LOCATIONS	SERVICE	CFM	FACE VELOCITY (FPM)	COIL SIZE		FACE AREA SQ.FT.	ROWS	FNS/FOOT	ENT. WATER	ENT. AIR	MBH/HR	GPM	WATER MAX P.D. IN W.G.	MODEL	REMARKS:	
					WIDTH	HEIGHT				LVS. WATER	LVS. AIR						
HWC 1	STAGING BREAK ROOM	GRAND JURY ROOM	1450	892	19	12	1.63	4	80	120	60.0	31.91	3.20	0.36	0.68	DN0B190 1260DAB08 0SABA0AA	-TO BE CONTROLLED THROUGH RTU-1. CONNECT TO THERMOSTAT SERVING RTU-1.

ROOF TOP UNIT SCHEDULE															TRANE AS STD.
SYSTEM DATA			EVAPORATOR FAN DATA			EVAPORATOR COOLING COIL DATA			UNIT ELEC. DATA			UNIT PHYSICAL DIMENSIONS LxWxH	TOTAL UNIT WEIGHT	UNIT EER	REMARKS:
NO.	SERVICE	LOCATION	MANUFACTURER/ MODEL NUMBER	TOTAL AIR CAP. CFM	EXT. STATIC PRESS. (IN. W.G.)	FAN RPM	MOTOR DATA	NET CAPACITIES	AIR TEMP. F (LEAVING UNIT)	VOLTS	MIN. KWT. AMPS				
							WHEEL DIA. QTY	SENS. MBH	LATENT MBH	TOTAL MBH	ENT. DB	LVS. DB	PHASE	MOEFL	
RTU 1	JURY ROOM	ROOF	TRANE THC04TE4ROA	1450	1.0	1039	1	39.1	11.4	44.5	76.5	54.0	460	14.0	88.7' 53.3' 40.4'
											63.5	53.0	3	20.0	653

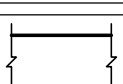
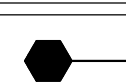
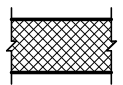
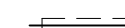
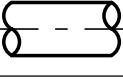
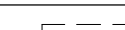
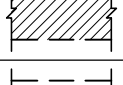

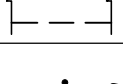
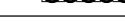

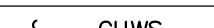



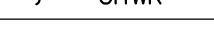

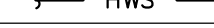

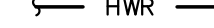



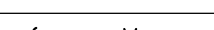
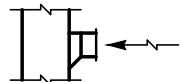

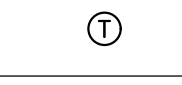
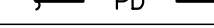



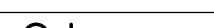

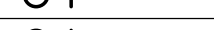

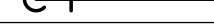





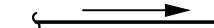





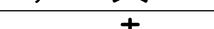

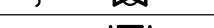








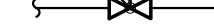






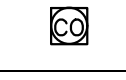
-MERV 13 FILTER
-BOTTOM SUPPLY AND RETURN
-INTEGRAL DISCONNECT
-ECONOMIZER

-PROVIDE WITH MANUFACTURER'S BAGNET ENABLED THERMOSTAT FOR CONNECTION TO BMS
-PROVIDE WITH MANUFACTURER'S CURB MODEL BAYCURB045

ABBREVIATIONS

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
A.C.	AIR CONDITIONING CONTRACTOR	FEET	
A.D.	ACCESS DOOR	GAUGE	
AFF	ABOVE FINISH FLOOR	G.C.	GENERAL CONTRACTOR
AL	ALUMINUM DUCTWORK	G.I.	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
ATC	AUTOMATIC TEMPERATURE CONTROLS	HE	HEAT EXCHANGER
B.B.	BASE BOARD RADIATION	HP	HORSE POWER
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	HT.	HEIGHT
BLDG.	BUILDING	HVAC	HEATING VENTILATING AND AIR CONDITIONING
BMS	BUILDING MANAGEMENT SYSTEM	HWR	HOT WATER RETURN
B.O.	BLANK OFF	HWS	HOT WATER SUPPLY
C.C.	CEILING COIL	HTHWR	HIGH-TEMP HOT WATER RETURN
C.D.	CEILING DIFFUSER	HTHWS	HIGH-TEMP HOT WATER SUPPLY
C.F.M.	CUBIC FEET PER MINUTE	I.B.	INTERNAL BOOT
CH	CABINET HEATER	IN.	INCHES
CHWR	CHILLED/HOT WATER RETURN	KE	KITCHEN EXHAUST
CHWS	CHILLED/HOT WATER SUPPLY	LB	POUND
CLS	CEILING	LFR	LOW PRESSURE STEAM RETURN
C.L.O.	CLEAN OUT	LPS	LOW PRESSURE STEAM SUPPLY
C.O.	CAPPED OUTLET	M.B.H.	1000'S BTU/HR.
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	OA	OUTLET AIR
CW	CITY COLD WATER	OAL	OUTSIDE AIR INTAKE
CWR	CONDENSER WATER RETURN	O.V.	OUTLET VELOCITY
CWS	CONDENSER WATER SUPPLY	P.C.	PLUMBING CONTRACTOR
DN	DOWN	PD	PUMP DISCHARGE
DIA	DIAMETER	P.H.C.	PRE-HEAT COIL
DN	DOWN	P.O.	PLUGGED OUTLET
DWAG	DRAINING	P.R.V.	PRESSURE REDUCING VALVE
EF	EXHAUST FAN	P.S.I.	POUNDS PER SQUARE INCH
EH	ELECTRICAL HEATER	P.T.	PITOT TUBE
ELEC.	ELECTRICAL	RA	RETURN AIR
ELEC.CONTR.	ELECTRIC CONTRACTOR	R.A.G.	RETURN AIR GRILLE
ELEV.	ELEVATION	R.H.C.	RE-HEAT COIL
EQUIP.	EQUIPMENT	SA	SUPPLY AIR
EXH.	EXHAUST	S.P.	STATIC PRESSURE
EXIST	EXISTING	SPRINK.	SPRINKLER CONTRACTOR
F	FILTER	SQ.FT.	SQUARE FEET
FAL	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	TR.	TOP REGISTER
FFD	FUNNEL DRAIN	TR.GR.	TRANSFER GRILLE
FL	FLOOR	U.A.	UNDERWRITER'S APPROVED
FL	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

DRAWING-ISSUE LIST									
Sheet #	Sheet Title								
M-010	SYMBOLS, ABBREVIATIONS, SCHEDULES, AND NOTES	X							
M-011	SCHEDULES	X							
M-020	DETAILS	X							
M-021	DETAILS	X							
M-030	AIR RISER DIAGRAM	X							
M-098	GROUND FLOOR KEY PLAN	X							
M-099	GROUND FLOOR MECHANICAL ROOM	X							
M-101	MECHANICAL PLAN - 3RD FLOOR WEST WING	X							
M-102	MECHANICAL PLAN - 3RD FLOOR CENTRAL WING	X							
M-103	MECHANICAL PLAN - 3RD FLOOR NORTH WING	X							
M-104	MECHANICAL PLAN - ROOF	X							
M-201	MECHANICAL PIPING PLAN - 3RD FLOOR WEST WING	X							
M-202	MECHANICAL PIPING PLAN - 3RD FLOOR CENTRAL WING	X							
M-203	MECHANICAL PIPING PLAN - 3RD FLOOR NORTH WING	X							
M-901	MECHANICAL DEMOLITION PLAN - 3RD FLOOR WEST WING	X							
M-902	MECHANICAL DEMOLITION PLAN - 3RD FLOOR CENTRAL WING	X							
M-903	MECHANICAL DEMOLITION PLAN - 3RD FLOOR NORTH WING	X							

SYMBOL LIST			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	NEW DUCTWORK - REFER TO SPECIFICATIONS FOR INSULATION		INDICATES REMOTE DAMPER WITH CABLE OPERATOR
	NEW DUCTWORK MADE WITH ALUMINUM OR STAINLESS STEEL	 FLD	FUSIBLE LINK DAMPER
	ROUND DUCTWORK	 FSD	COMBINATION MOTORIZED SMOKE AND FIRE DAMPER
	EXISTING DUCTWORK TO BE REMOVED	 ALD	AUTOMATIC LOUVER DAMPER
	EXISTING DUCTWORK TO REMAIN	 VD	VOLUME DAMPER
	FLEXIBLE DUCTWORK	 CHWS	CHILLED/HOT WATER SUPPLY
	DUCT UP	 CHWR	CHILLED/HOT WATER RETURN
	DUCT DOWN	 HWS	HOT WATER SUPPLY
	SUPPLY AIR DUCT	 HWR	HOT WATER RETURN
	RETURN OR EXHAUST DUCT	 HTHWS	HIGH-TEMP HOT WATER SUPPLY
	SUPPLY DIFFUSER	 HTHWR	HIGH-TEMP HOT WATER RETURN
	RETURN REGISTER	 V	VENT ON RELIEF LINE
	SIDE WALL SUPPLY GRILLE	 PD	PUMP DISCHARGE
	SIDE WALL EXHAUST GRILLE	 D	DRAIN LINE
	BMS THERMOSTAT	 CW	CITY WATER
	COMBINATION THERMOSTAT AND HUMIDITY SENSOR	 O+	PIPE UP
	COMBINATION THERMOSTAT, HUMIDITY SENSOR, AND CO2 SENSOR	 O-	PIPE DOWN
	SELF CONTAINED PROGRAMMABLE THERMOSTAT	 X	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 (H= HI-CAPACITY)
		 ⌵	UNION FITTING
		 ⌵	COMBINATION FULL PORT BALL VALVE WITH P4T PLUGS
		 ⌵	2-WAY AUTOMATIC CONTROL VALVE
		 ⌵	3-WAY AUTOMATIC CONTROL VALVE
		 ⌵	STRAINER WITH BLOWDOWN VALVE
		 CV	CONTROL VALVE STATION SEE RESPECTIVE DETAIL
		 ST	OUTDOOR SOLAR AND TEMPERATURE SENSOR
		 CO _B	CEILING MOUNTED BMS OCCUPANCY SENSOR
		 ST	OUTDOOR SOLAR AND TEMPERATURE SENSOR
		 CO	CO2 SENSOR
		 ▢	BEAM CUT
		 → (XX)	AREA OPEN REQUIRED FOR RETURN AIR IN SQUARE FEET FREE AREA

DUCT INSULATION SCHEDULE														
DUCT LOCATION	SPECIFIED INSULATION									CODE REQUIREMENTS ASHRAE 90.1-2019				
	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-1.9	R-3.5	NR

[A]. INCLUDES CRAWL SPACES, BOTH VENTILATED AND NONVENTILATED, SHAFTS OUTSIDE OF BUILDING'S THERMAL ENVELOPE
[B]. INCLUDES RETURN AIR PLENUMS W/ OR W/O EXPOSED ROOFS ABOVE, SHAFTS W/IN BUILDING'S THERMAL ENVELOPE, UTILITY ROOMS WHOLLY OR MOSTLY ENCLOSED BY CONDITIONED SPACES.

PIPE INSULATION SCHEDULE																			
APPLICATION	CODE REQUIREMENT (ASHRAE 90.1-2013)								SPECIFIED INSULATION										
	FLUID OPERATING TEMP (°F)	INSULATION		NOMINAL PIPE SIZE (INCHES)					INSULATION						NOMINAL PIPE SIZE (INCHES)				
		MEAN RATING TEMP (°F)	CONDUCTIVITY BTUIN / (H·FT²·F)	0.75	1.0 to 1.25	1.5 to 3.5	4.0 to 7.0	≥8.0	INSULATION	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	P-1	MINERAL-FIBER	ASJ	0.16" Aluminum	75	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	P-1	MINERAL-FIBER	ASJ	0.16" Aluminum	100	0.24	1.0	1.0	1.5	1.5	1.5
CONDENSATE DRAIN	40-60	-	NR	NR	NR	NR	NR	NR	P-3	CLOSED CELL FLEXIBLE ELASTOMERIC	NOT REQUIRED	0.16" Aluminum	75	0.245	0.5	0.5	0.5	0.5	0.5

DUCT CONSTRUCTION, SEALING AND LEAKAGE TESTING SCHEDULE														
DUCTWORK				OF PRESS (NGH W.G.)	DUCT SEAL CLASS	INDOOR DUCTWORK				OUTDOOR DUCTWORK				REMARKS
						DUCT LEAKAGE CLASS (CL)		LEAKAGE ALLOWED (F)		DUCT LEAKAGE CLASS (CL)		LEAKAGE ALLOWED (F)		
FUNCTION	CONNECTED TO	MATERIAL	PRESS DIFF					RECT.	ROUND FLAT OVAL	RECT.	ROUND FLAT OVAL	RECT.	ROUND FLAT OVAL	
SUPPLY	FAN COIL UNITS, FURNACES, HEAT PUMPS, TERMINAL	GALVANIZED SHEET	+	1	A	16	8	16.0	8.0	4	4	4.0	4.0	
	OTHER EQUIPMENT	GALVANIZED SHEET	+	2	A	16	8	25.1	12.6	4	4	6.5	6.5	
RETURN	FAN COIL UNITS, FURNACES, HEAT PUMPS, TERMINAL	GALVANIZED SHEET	+/-	2	A	16	8	16.0	8.0	4	4	4.0	4.0	
	OTHER EQUIPMENT	GALVANIZED SHEET	+/-	2	A	16	8	25.1	12.6	4	4	6.5	6.5	
EXHAUST	TOILET EXHAUST	GALVANIZED SHEET	+/-	2	A	16	8	16.0	8.0	4	4	4.0	4.0	

- PLACEHOLDER FOR IT SPLIT SYSTEM.
FINAL UNIT TO BE DETERMINED
PENDING IT REQUIREMENTS. SEE NOTE 3
ON DRAWING M-101

SPLIT SYSTEM SCHEDULE																	MITSUBISHI AS STD					
EVAP No.	LOCATION & SERVICE	TYPE	EVAPORATOR MODEL NUMBER	INDOOR EVAPORATOR UNIT DATA								COND UNIT No.	CONDENSER MODEL NUMBER	OUTDOOR CONDENSING UNIT DATA						ARI SEER	WEIGHT (LBS)	DIMENSIONS (LXWXHX)
				SUPPLY GPM H/L	HEATING CAPACITY MBTU	COOLING CAPACITY MBTU	ESP	VOLTS	MCA		WEIGHT (LBS)			DIMENSIONS (LXWXHX)	CAPACITY (MBH)	VOLTS	MCA		COMP R/LA			
									PHASE	MAX FCT BKR							PHASE	MAX FCT BKR				
EVAP 24	SEE PLANS	WALL MOUNTED	PKA-A24KA8	775/ 635	-	24.0	-	208	1	-	46	14-3/8" X 46-1/16" X 11-5/8"	CU 24	FUY-A24NHA6	24.0	-	208	18.0	-	17	163	31-1/8" X 31-3/8" X 14-3/16"

NOTES:
 ALL UNITS PROVIDED WITH R-410A REFRIGERANT, MANUFACTURER WIRED THERMOSTAT. ALL REFRIGERANT PIPE SIZING AND ROUTING TO BE PER MANUFACTURER BASED ON FINAL FIELD CONDITIONS AND ROUTING.

CABINET HEATER SCHEDULE															TRANS AS STD.	
UNIT NO.	TYPE	NOM CFM	ESP CFM	MOTOR DATA			HEATING COIL DATA				PHYSICAL SIZE		WEIGHT (LBS)	FILTER TYPE	MODEL NUMBER	REMARKS
				RPM	VOLTS		WATTS	ENT H2O LYS H2O	NO. OF ROWS	CAPACITY MBH	ENT AIR LYS AIR	GPM PD FT H2O				
					BHP	PHASE										
CAB 1	HORIZONTAL CONGEALED MODEL C	240	-	626	115	15	180	2	10.0	72	1.1	28-1/16 X 3-3/16 X 10-1/16	81	1" THROW	TRANS FFHB020	UNIT MOUNTED DISCONNECT

ELECTRIC BASEBOARD SCHEDULE							VULCAN AS STD.
NO	DESCRIPTION	WATTS/FT	VOLTS	PHASE	ENCLOSURE H x W	MODEL NO.	REMARKS:
EBB X-X'	ELECTRIC DRAFT BARRIER HEATER	150	208	1	5 x 3	SBT	-PROVIDE WITH DISCONNECT AND UNIT MOUNTED THERMOSTAT.

DUCT SILENCER SCHEDULE													VIBRO-ACOUSTICS AS STD.
NO	MODEL NUMBER	LENGTH	FACE VELOCITY (FFM)	OCTAVE BAND	1	2	3	4	5	6	7	8	REMARKS:
				HZ	63	125	250	500	1K	2K	4K	8K	
DS	20X12	3'	-1250		5	9	14	16	18	14	12	10	
1	RD-MV-F1 X 36		0		4	8	13	16	17	14	12	10	
			+1250		4	7	12	15	17	15	12	10	

DIFFUSER SCHEDULE							ANEMOSTAT AS STD.
SYMBOL	DESCRIPTION	MODEL NUMBER	FRAME SIZE	NECK SIZE	CFM RANGE		REMARKS
					FROM (MIN)	TO (MAX)	
CD	FLAQUE SUPPLY DIFFUSER	PARAGON PG	24" x 24"	6Φ	0	200	360° HORIZONTAL PATTERN - 24" x 24" FRAME - 18" FLAQUE 1/8" DROP FACE
				8Φ	201	325	
				10Φ	326	450	
				12Φ	451	600	
				14Φ	601	750	
CR	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.
LD-1.5C 1 SLOT	CONCEALED CEILING SUPPLY LINEAR DIFFUSER	FFCM150 1-1/2" SLOT	1-1/2" CEILING OPENING	3-5/16"	0	40/ FT	LATERAL ADJUSTMENT BAR REMOVED ON LINEAR DIFFUSER USED FOR RETURN
LD-1.5C2 1 SLOT	CONGEALED CEILING SUPPLY LINEAR DIFFUSER	FFCM150 1-1/2" SLOT	1-1/2" CEILING OPENING	3-5/16"	0	60/ FT	LATERAL ADJUSTMENT BAR REMOVED ON LINEAR DIFFUSER USED FOR RETURN

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. SCREENED 151 PSIG-300PSI: MALLEABLE IRON 300 LB. SCREENED
	3"-10"	SCHEDULE 40, ASTM-A53, GRADE B, SEAMLESS TYPE "S"	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

AIR VALVE SCHEDULE						ANEMOSTAT AS STD.
NO	DESCRIPTION	MODEL #	SERVICE	DUCT SIZE	CFM	REMARKS:
				W X H		
AV 1	PRESSURE INDEPENDENT AIR VALVE	RF-11	SEE DWG M-030	16X12	2100	
AV 2	PRESSURE INDEPENDENT AIR VALVE	RF-11	SEE DWG M-030	16X12	2280	
AV 3	PRESSURE INDEPENDENT AIR VALVE	RF-11	SEE DWG M-030	18X14	2280	
AV 4	PRESSURE INDEPENDENT AIR VALVE	RF-11	SEE DWG M-030	36X14	7960	
AV 5	PRESSURE INDEPENDENT AIR VALVE	RF-11	SEE DWG M-030	42X20	7960	
AV 6	PRESSURE INDEPENDENT AIR VALVE	RF-11	SEE DWG M-030	36X14	8400	
AV 7	PRESSURE INDEPENDENT AIR VALVE	RF-11	SEE DWG M-030	42X20	8400	

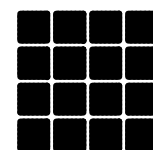
ANEMOSTAT AS STOP.

CONSULTANT SEAL



CONSULTANT INFORMATION

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WESTCHESTER COUNTY NEW YORK

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

DIVISION OF ENGINEERING

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

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CONTRACT	SHEET NUMBER
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NUMBER	M-011
19-514	

SHEET NO. 0 OF 13

SHEET NO. _____

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DATE: MAY 20, 202

DPW FILE NO

52-01-HV

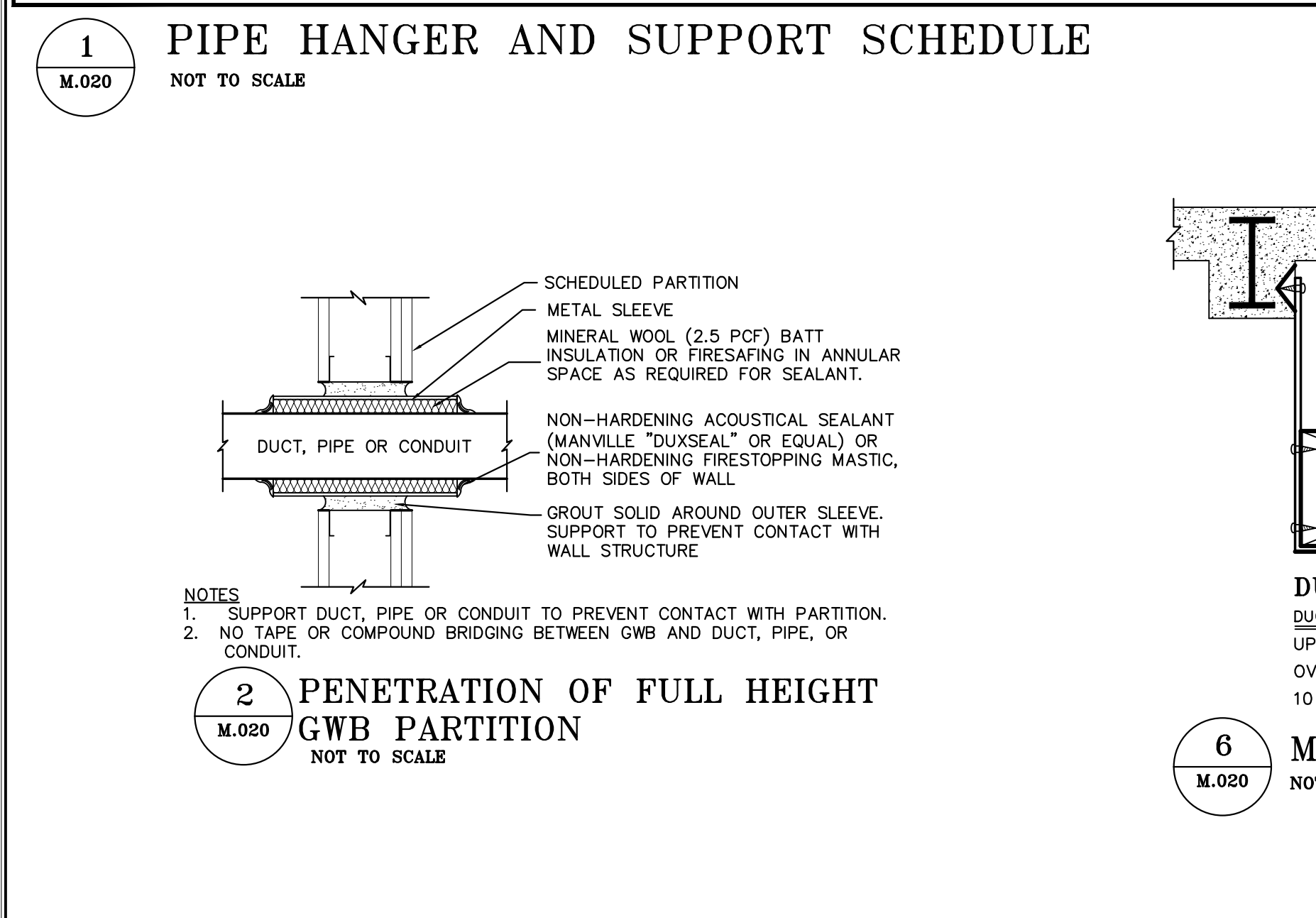
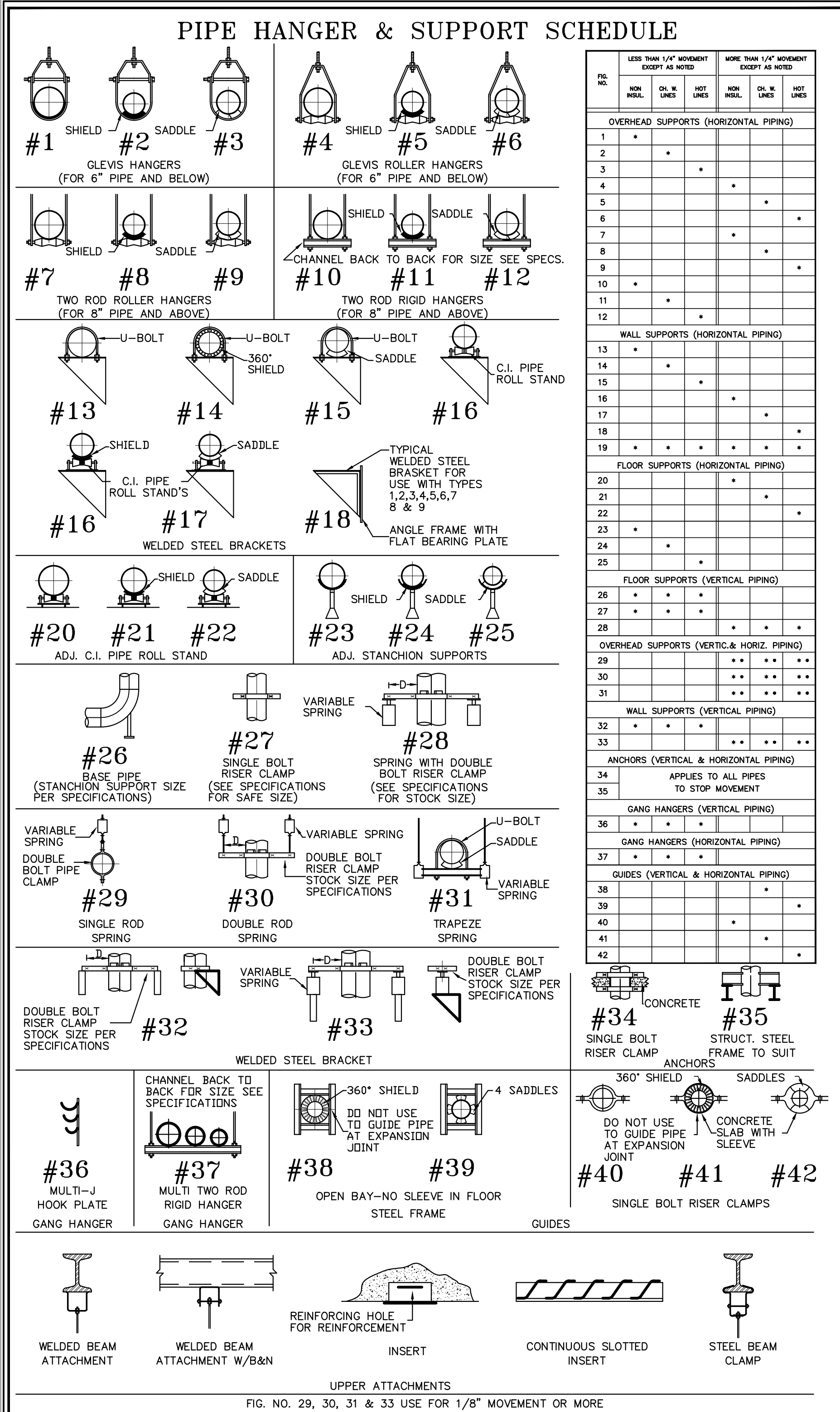
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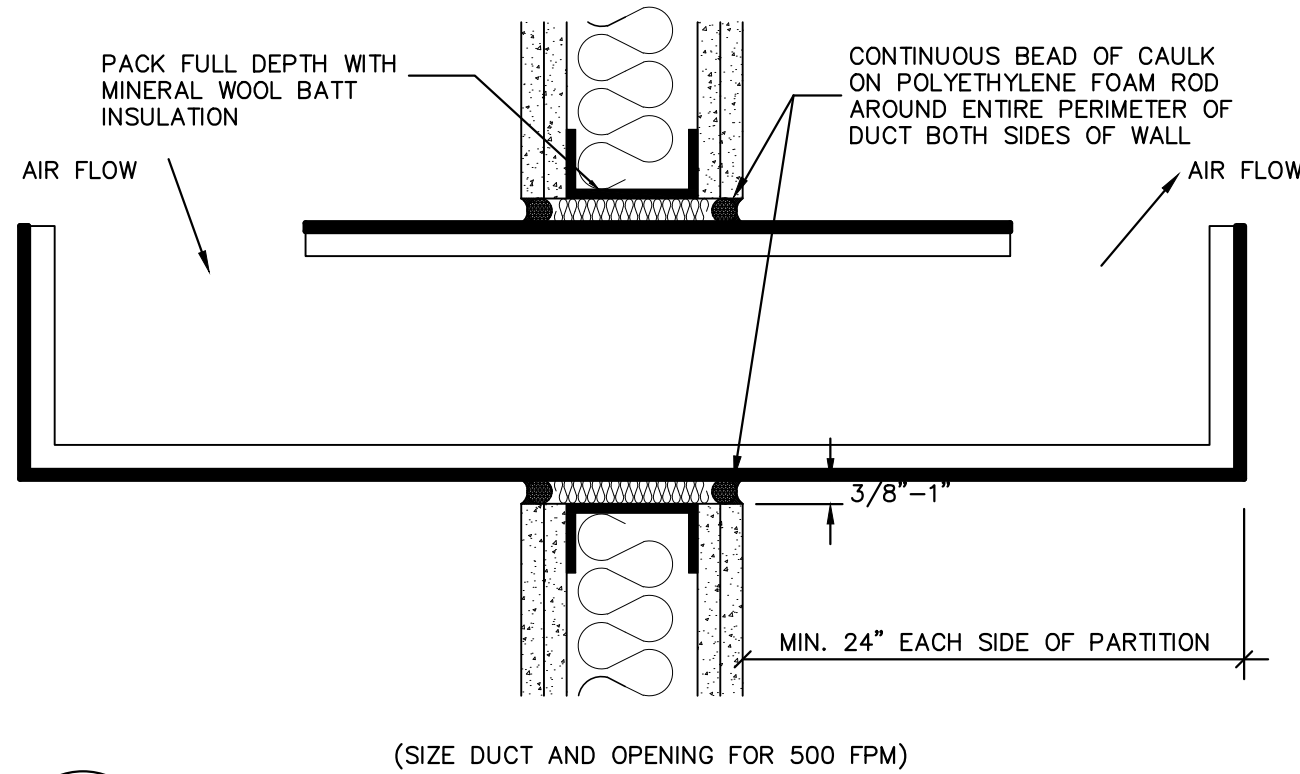
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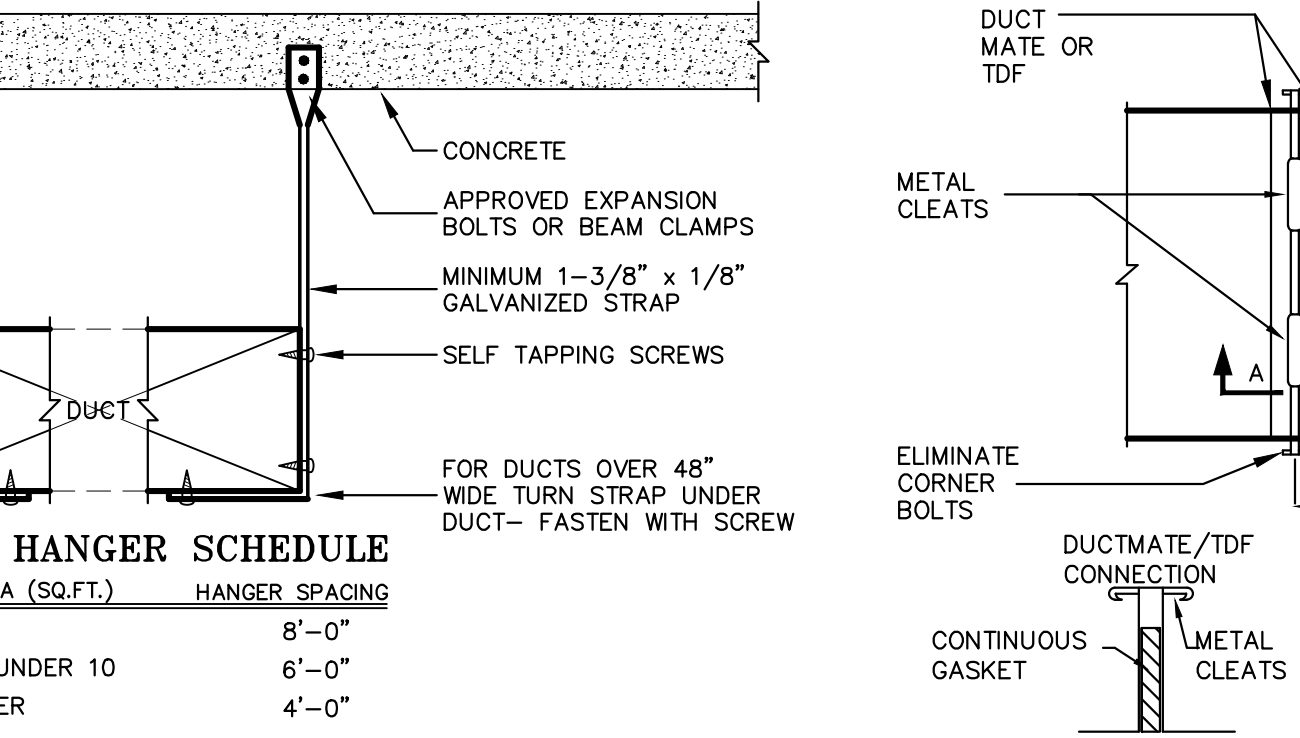
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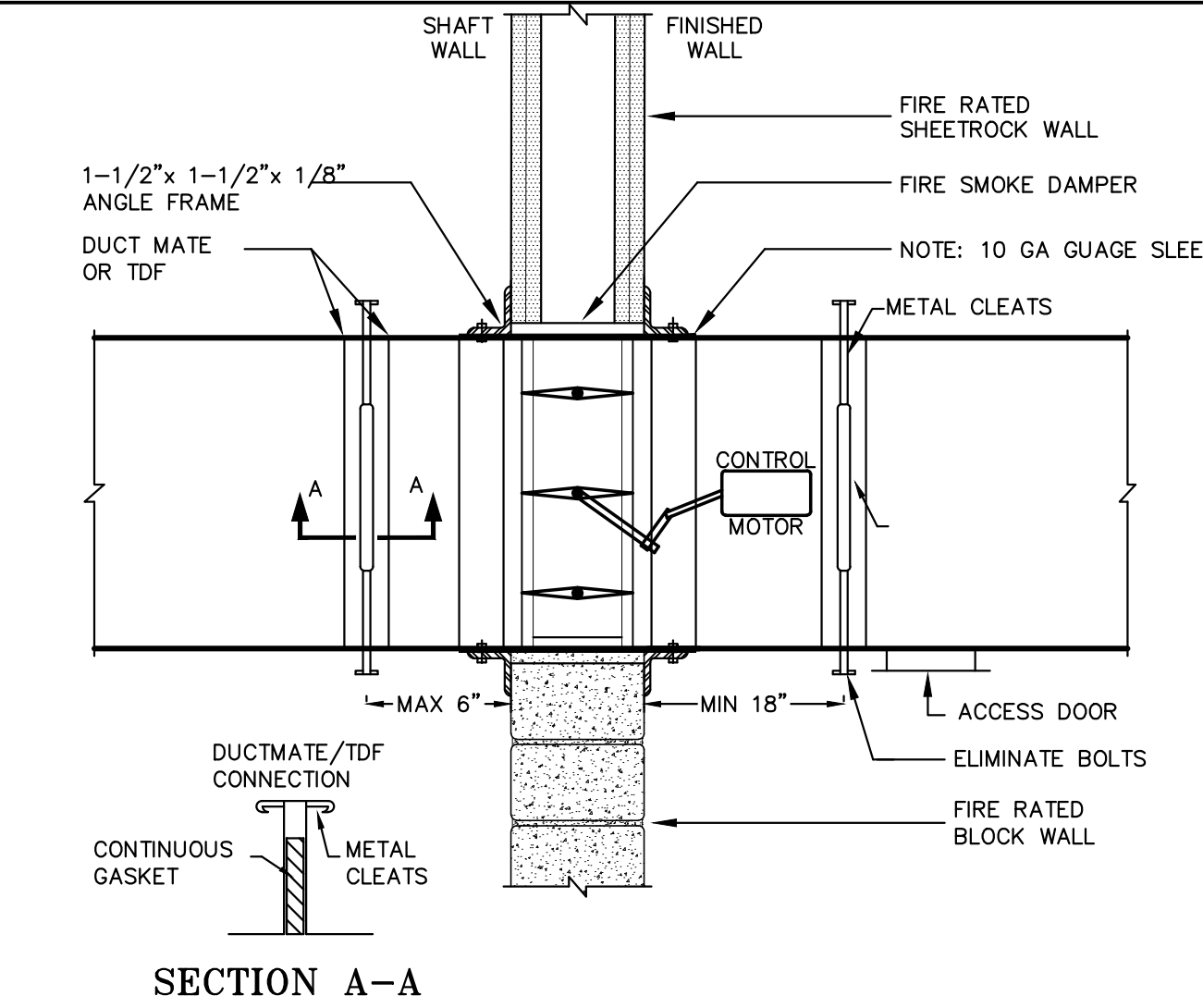
4 ROOF MOUNTED EXHAUST FAN ISOLATION DETAIL
NOT TO SCALE



5 RETURN AIR TRANSFER DUCT DETAIL
NOT TO SCALE

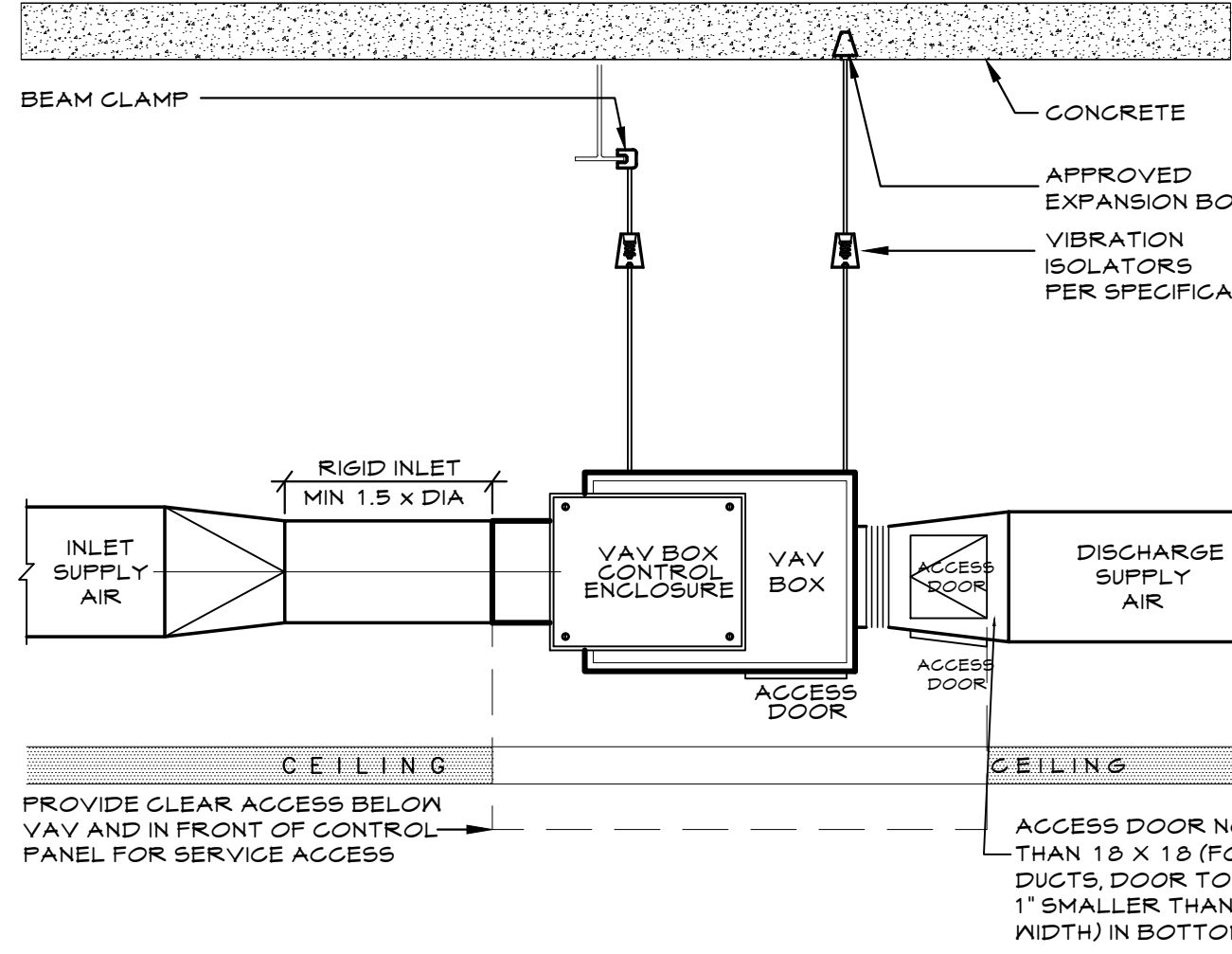


6 METHOD OF DUCT SUPPORT
NOT TO SCALE

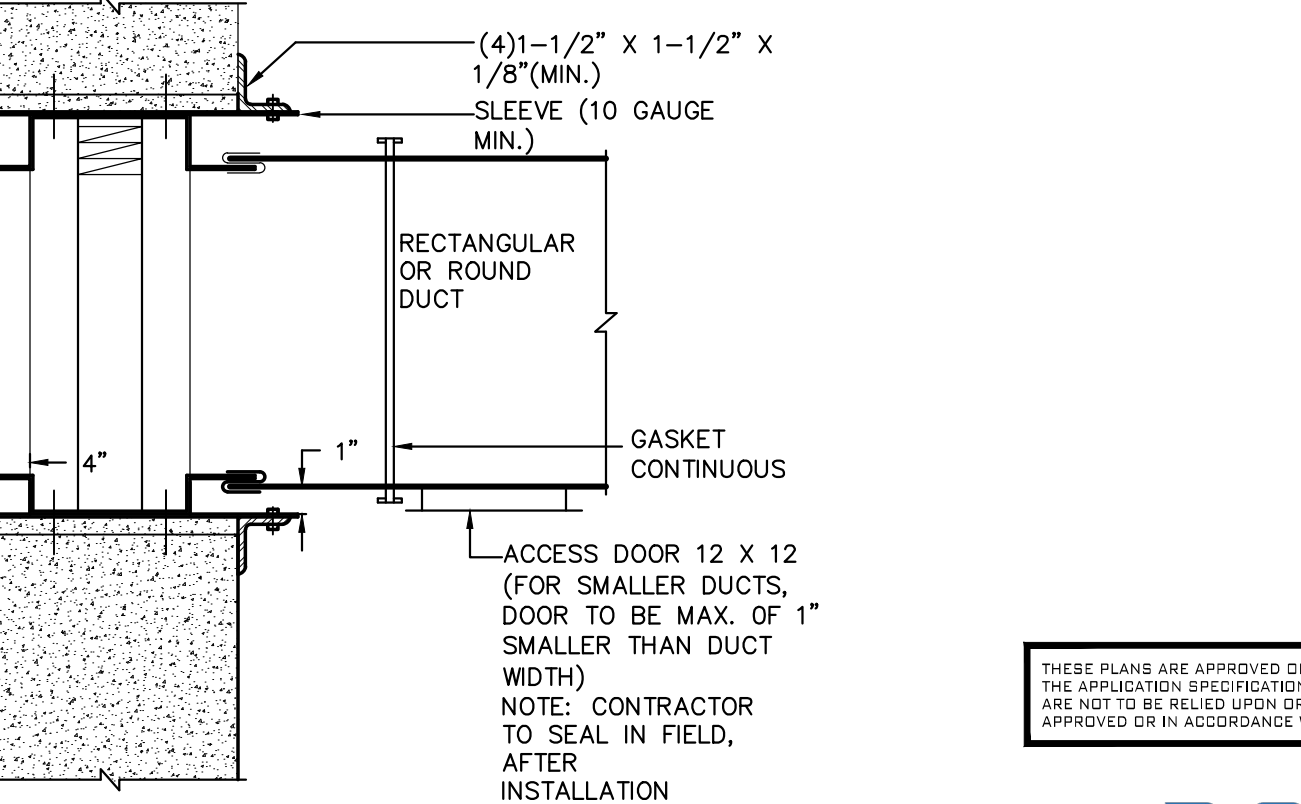


7 BREAK-AWAY FIRE-SMOKE DAMPER
NOT TO SCALE

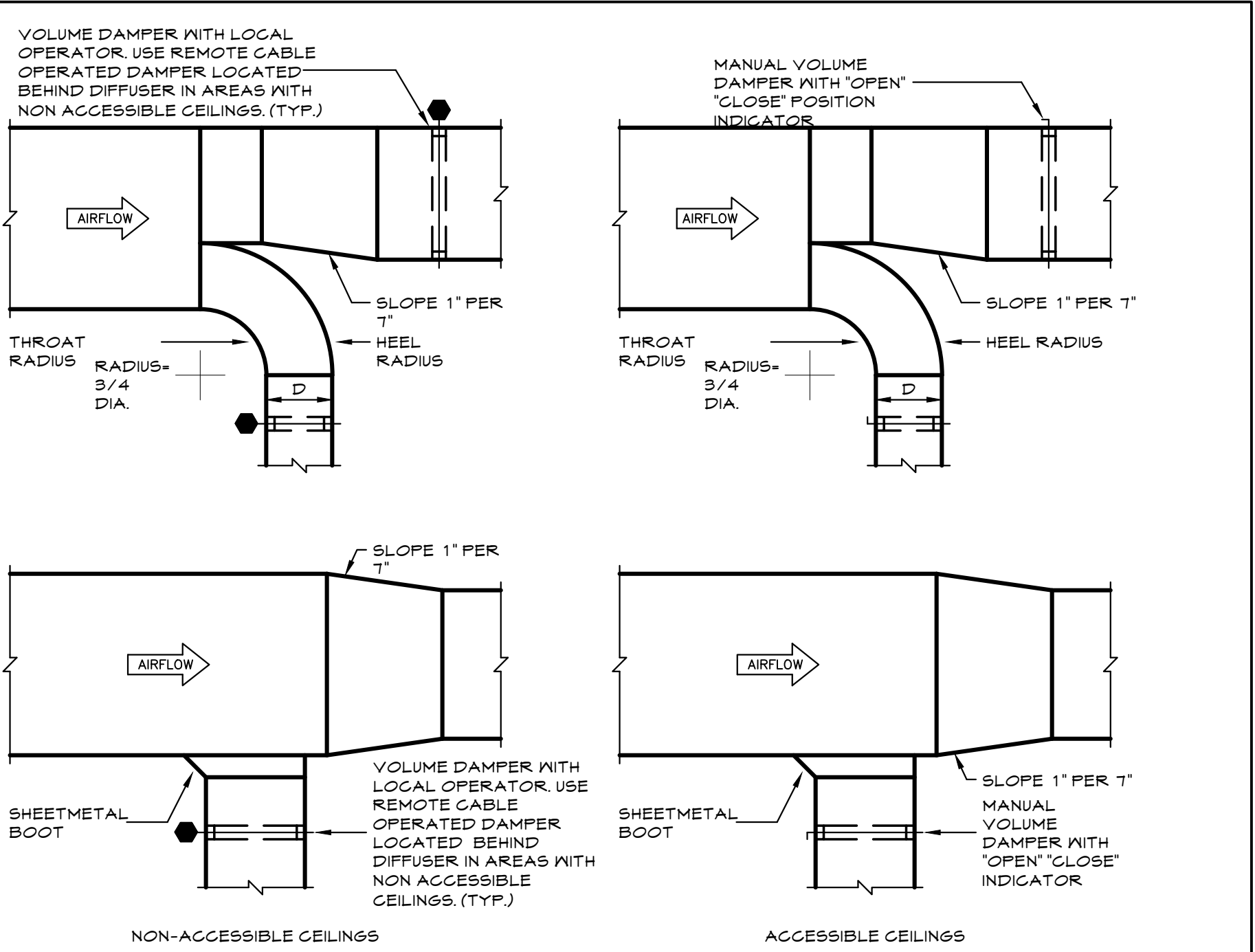
1 & 1-1/2 HR WALLS B.S. & A. CAL. #176-82-M
2 & 3 HR WALLS MEA #177-92-M



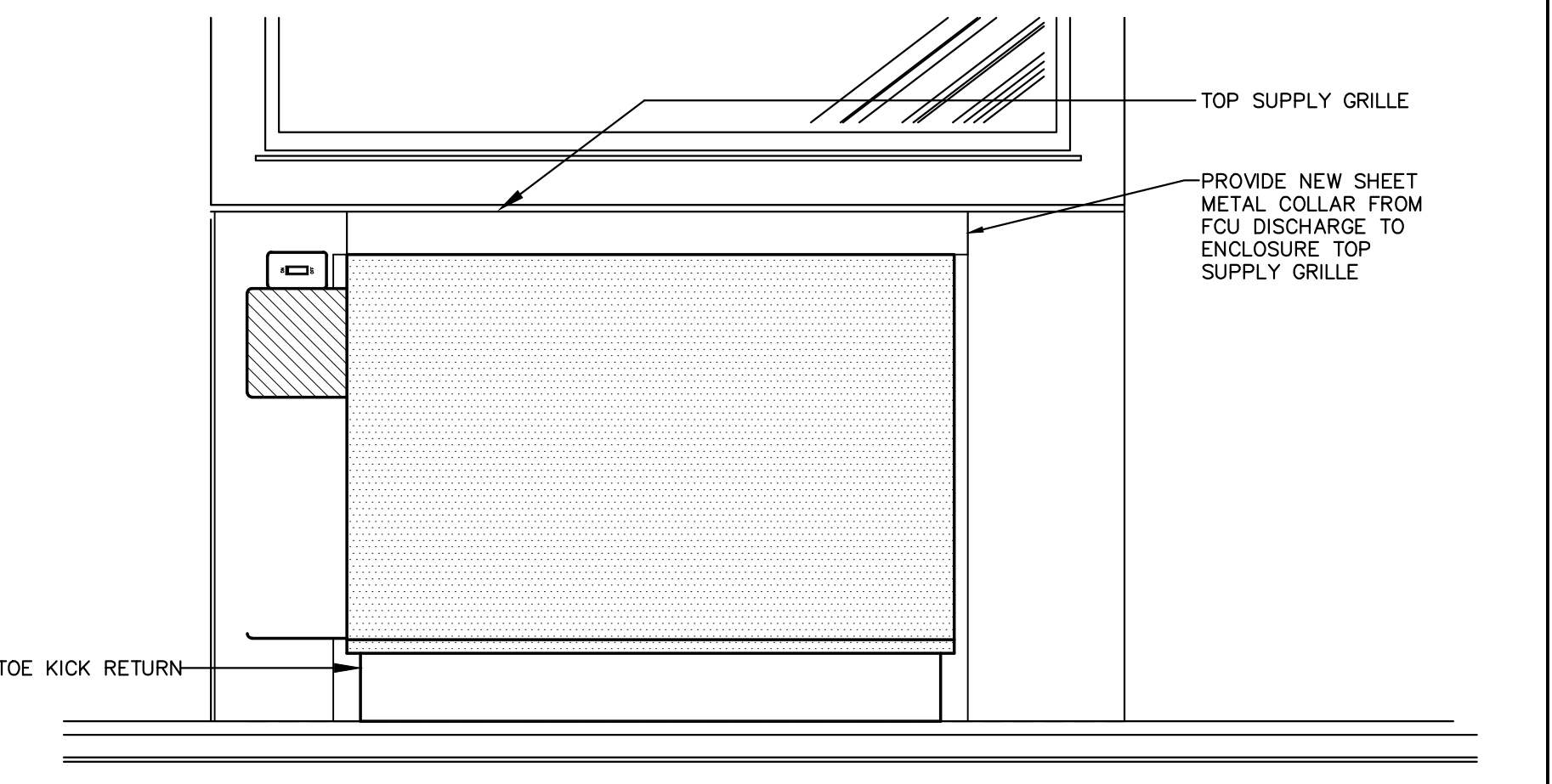
8 VAV BOX HANGING AND CONNECTION DETAIL
NOT TO SCALE



9 FIRE DAMPER DETAIL
NOT TO SCALE



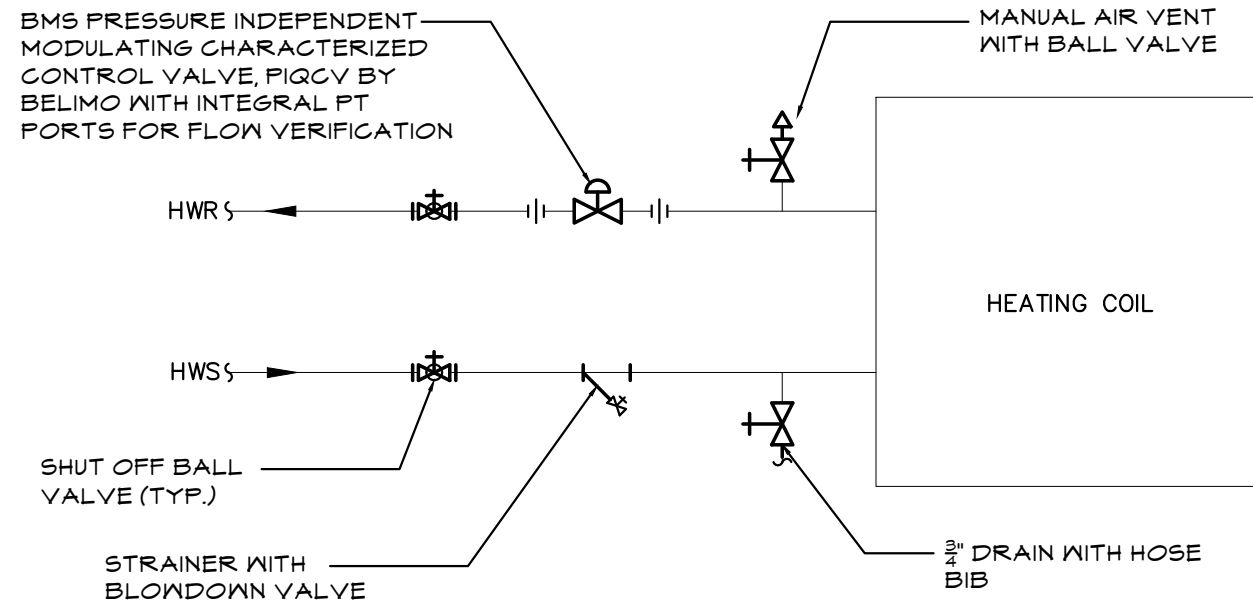
10 TYPICAL DUCTWORK TAKE-OFF DETAILS
NOT TO SCALE



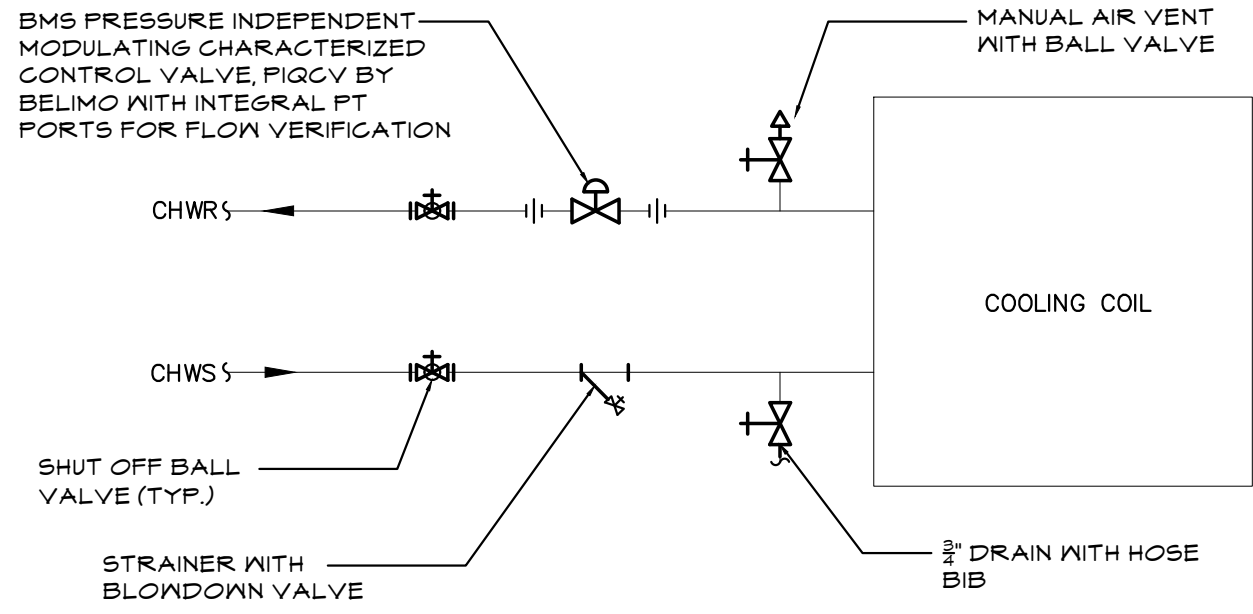
3 FAN COIL ENCLOSURE DETAIL
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CONTRACTOR: _____ NAME: _____ SIGNATURE: _____ DATE: _____ TITLE: _____	
CONTRACTOR: _____ NAME: _____ SIGNATURE: _____ DATE: _____ TITLE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601	
DETAILS	
CONTRACT NUMBER 19-514	SHEET NUMBER M-020
SHEET NO. 3 OF 17	SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-HV-553

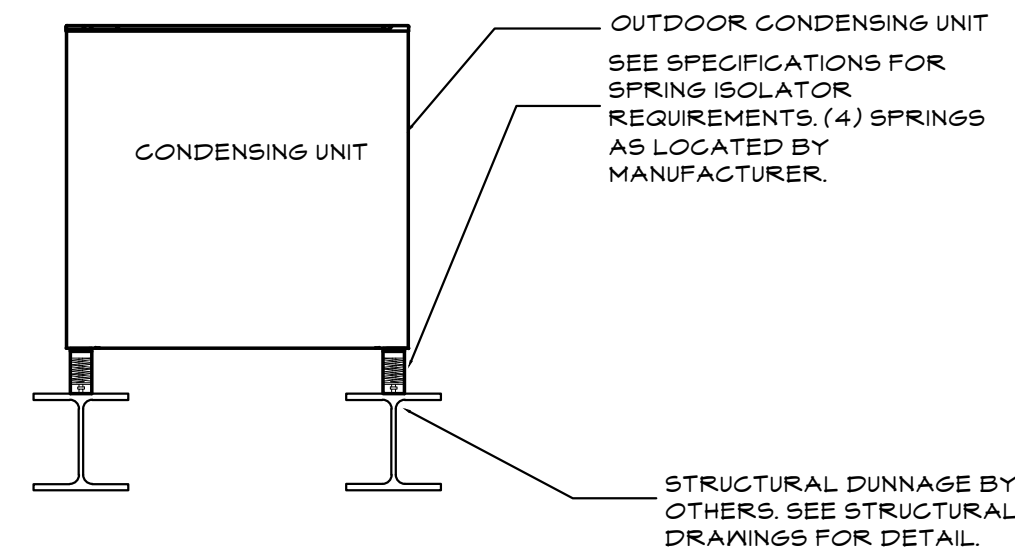




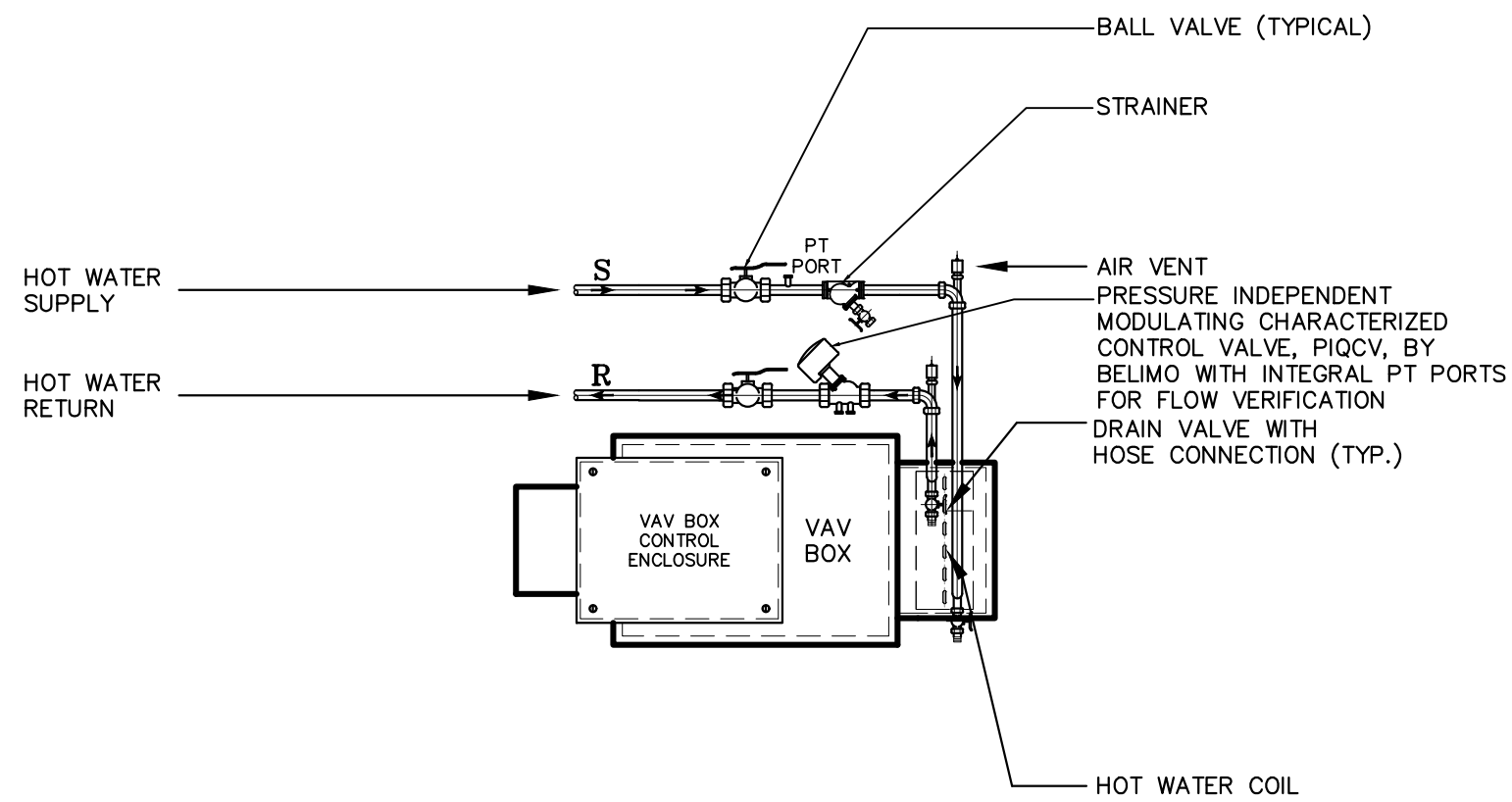
1 HEATING COIL CONNECTION HOT WATER (SINGLE COIL) DETAIL
M.021 NOT TO SCALE



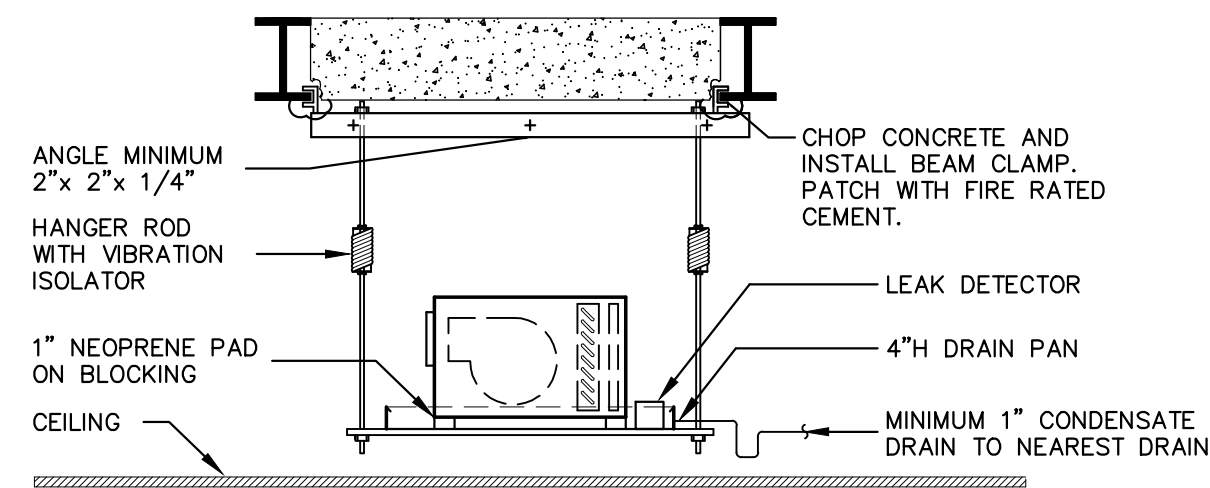
3 COOLING COIL CONNECTION CHILLED WATER (SINGLE COIL) DETAIL
M.021 NOT TO SCALE



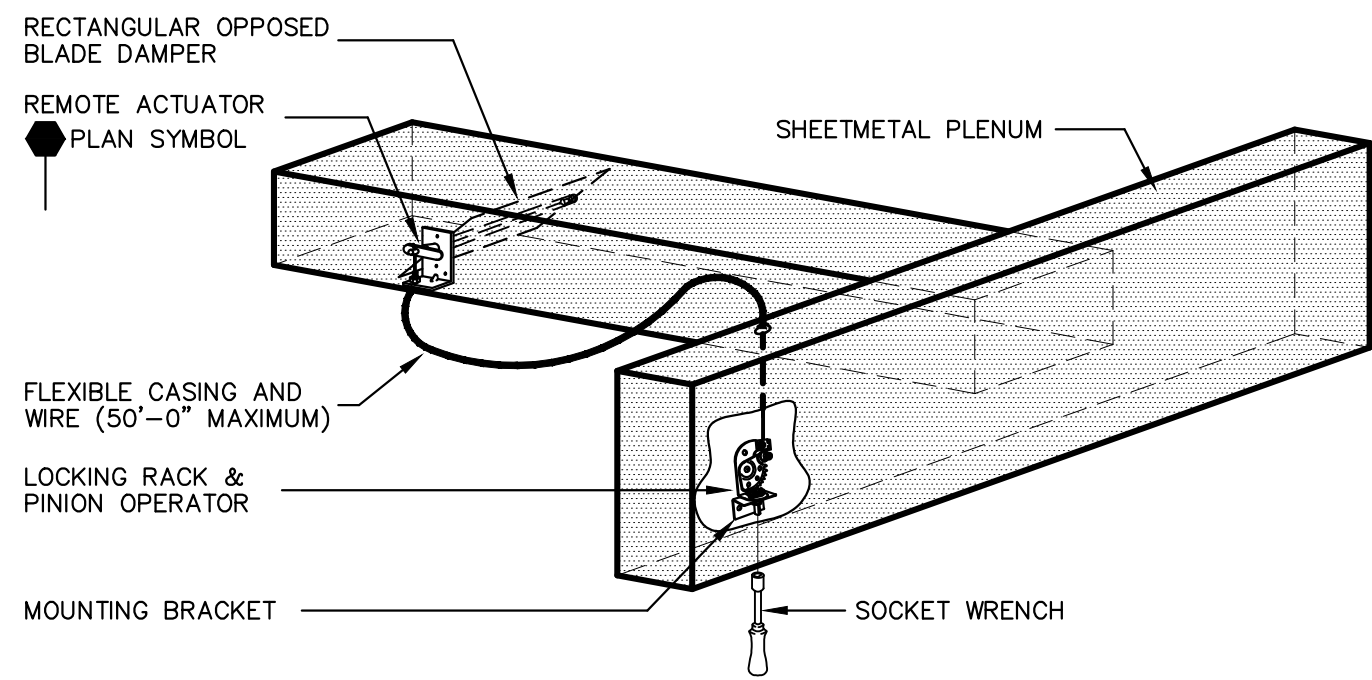
6 CONDENSING UNIT MOUNTING DETAIL
M.021 N.T.S.



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

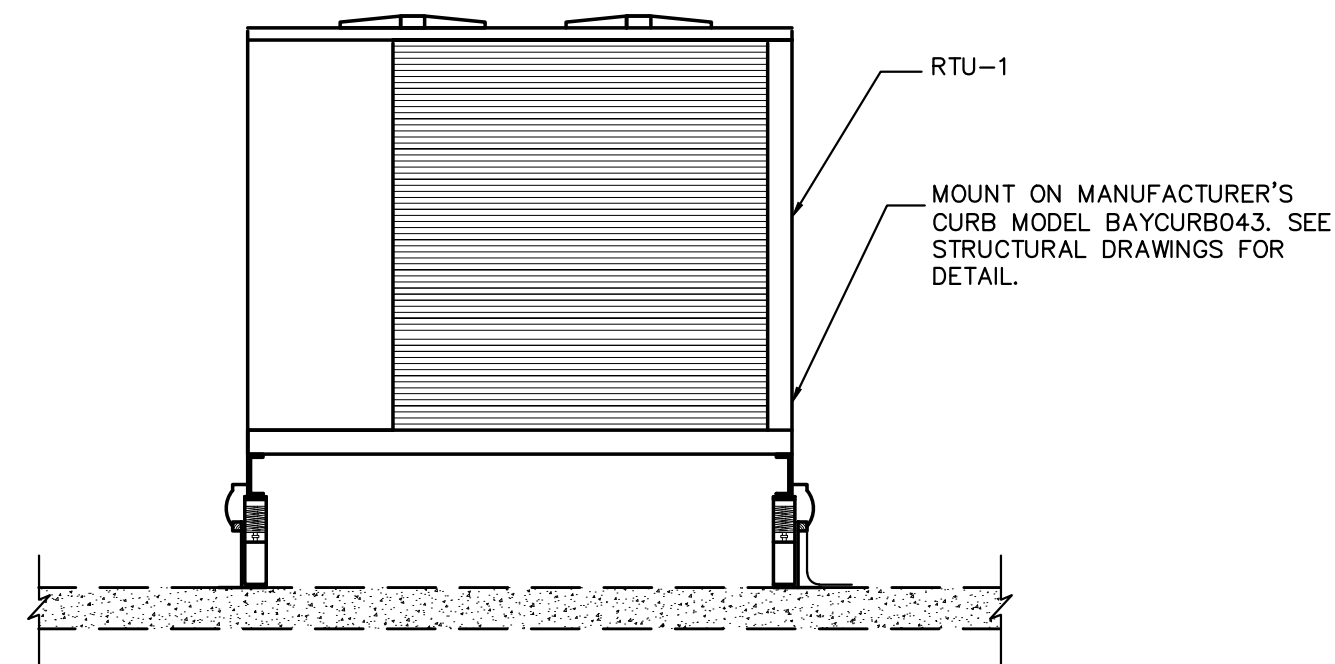


5 CABINET HEATER HANGER DETAIL
M.021 NOT TO SCALE



- NOTES:
1. PROVIDE ANEMOSTAT MODEL 800AW CABLE CONTROL SYSTEM DESIGNED FOR USE WITH EXTERNALLY CONTROLLED ROUND OR RECTANGULAR DAMPERS MOUNTED BEHIND GRILLES AND DIFFUSERS.
 2. CABLE SHALL CONSIST OF BOWDEN CABLE 0.054" STAINLESS STEEL CONTROL WIRE ENCAPSULATED IN 1/16" FLEXIBLE GALVANIZED SPIRAL WIRE SHEATH.
 3. LOCKING RACK AND PINION GEAR DRIVE SHALL BE CONSTRUCTED OF 14 GAUGE STEEL AND SHALL BE USED TO CONVERT ROTARY MOTION INTO PUSH-PULL MOTION.
 4. CONTROL SHAFT SHALL BE "D"-STYLE FLATTENED 1/4" DIAMETER WITH 265° ROTATION PROVIDING 1-1/2" LINEAR TRAVEL CAPABILITY.

4 REMOTE CABLE OPERATED DAMPER DETAIL
M.021 N.T.S.

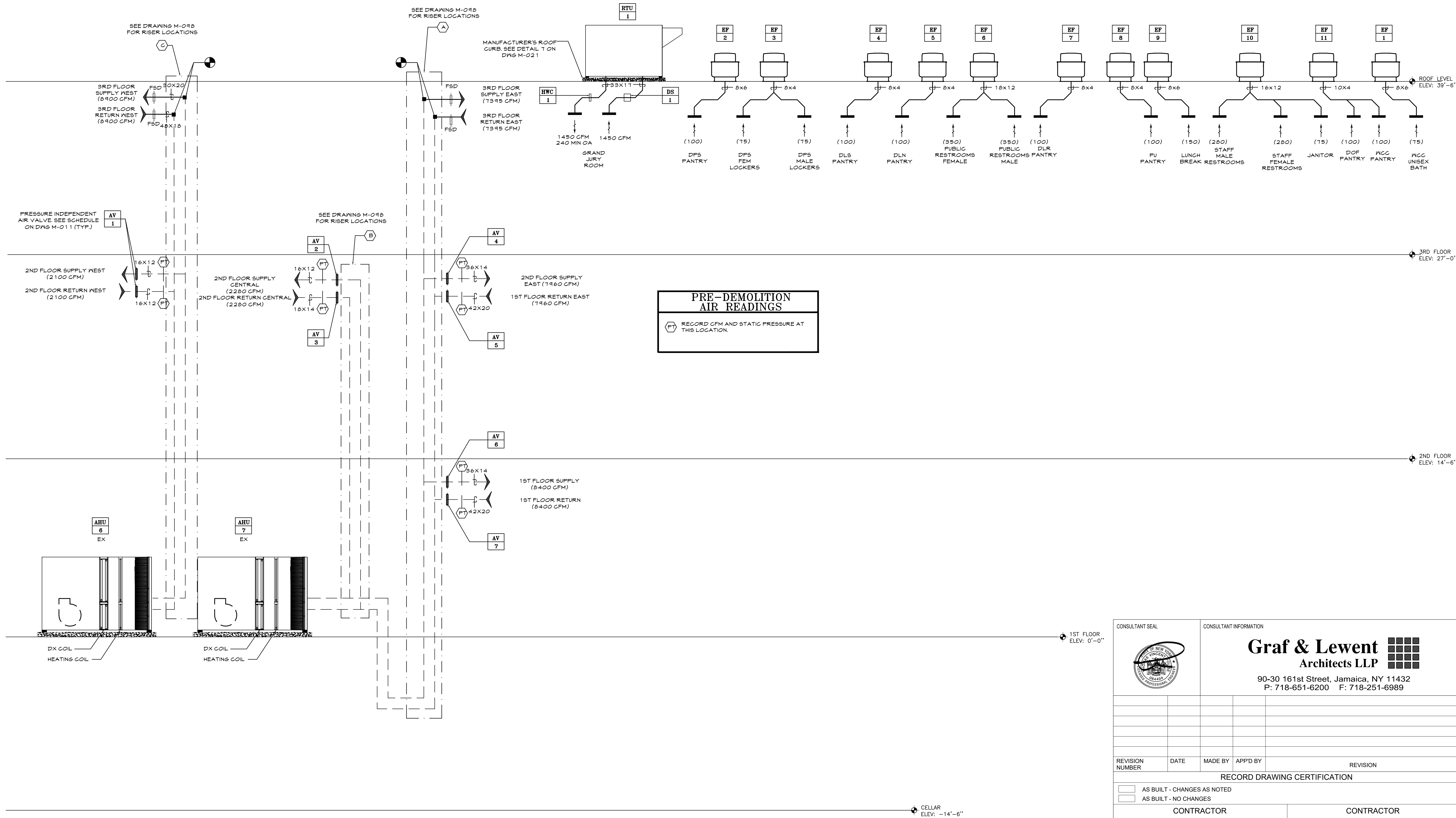


7 RTU-1 SUPPORT DETAIL
M.021 N.T.S.

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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CONSULTANT SEAL		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			
RECORD DRAWING CERTIFICATION			
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TITLE: _____		TITLE: _____	
DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER M-021
DIVISION OF ENGINEERING		SCALE: AS NOTED	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		DATE: MAY 20, 2021	REV NO. 0
DETAILS		DPW FILE NO. 52-01-HV-554	

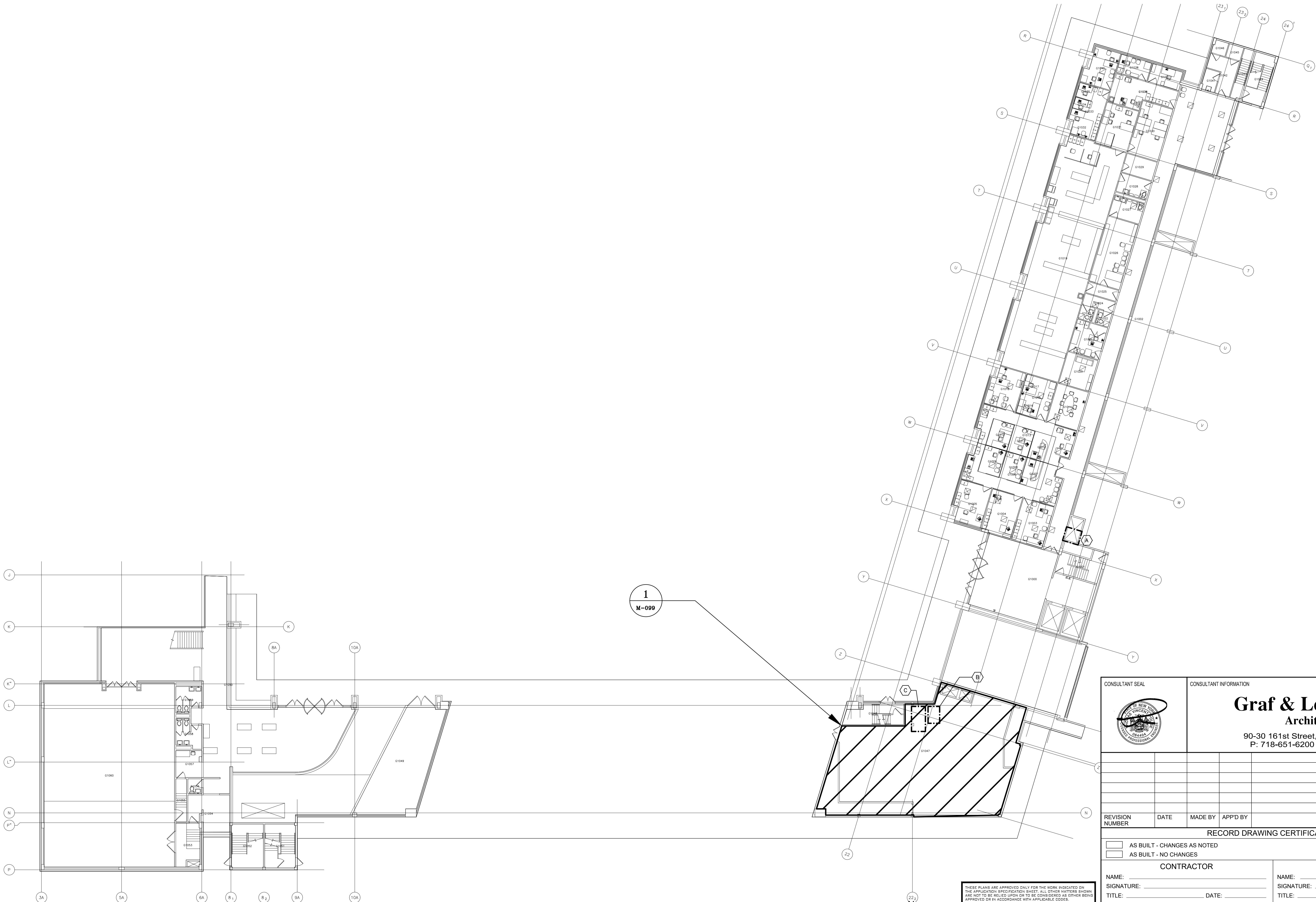


1 AIR RISER DIAGRAM
M.090 N.T.S.

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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	
DIVISION OF ENGINEERING		SHEET NO. 5 OF 17	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-HV-555	
AIR RISER DIAGRAM		REV NO. 0	



1 GROUND FLOOR KEY PLAN
M.098 1/18"=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 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 GROUND FLOOR KEY PLAN		CONTRACT NUMBER 19-514 SHEET NO. 6 OF 17 SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-HV-556	SHEET NUMBER M-098 REV NO. 0																									

TESTING NOTES

PRE-BALANCING NOTES

1. THE PURPOSE OF THE PREBALANCING IS TO OBTAIN EXISTING DATA ON THE EXISTING UNITS SHOWN TO DETERMINE IF THE EXISTING SYSTEMS ARE OPERATING CORRECTLY. PERFORM THE FOLLOWING TESTS:

FOR EXISTING AIR HANDLING UNITS 6 AND 7 (AHU-6, AHU-7) SHOWN ON THE PLAN:

1. AT EACH PITOT TUBE READING LOCATION INDICATED ON THE PLAN AND AT EACH OF THE SUPPLY AND RETURN DUCT CONNECTIONS TO THE UNIT, TAKE PITOT TUBE TRAVERSE READINGS AND RECORD:

A. TOTAL AIR QUANTITY
B. STATIC PRESSURE
C. AIR TEMPERATURE

2. AT SUPPLY FAN RECORD:

A. TEST AND RECORD FAN RPM'S
B. TEST AND RECORD MOTOR FULL LOAD AMPERES.
C. TRAVERSE OF MAIN SUPPLY DUCTS AND OBTAIN CFM AT FANS
D. TEST AND RECORD SYSTEM STATIC PRESSURE, SUCTION, AND DISCHARGE.
E. TEST RETURN AIR CFM.

F. TEST OUTSIDE AIR CFM.

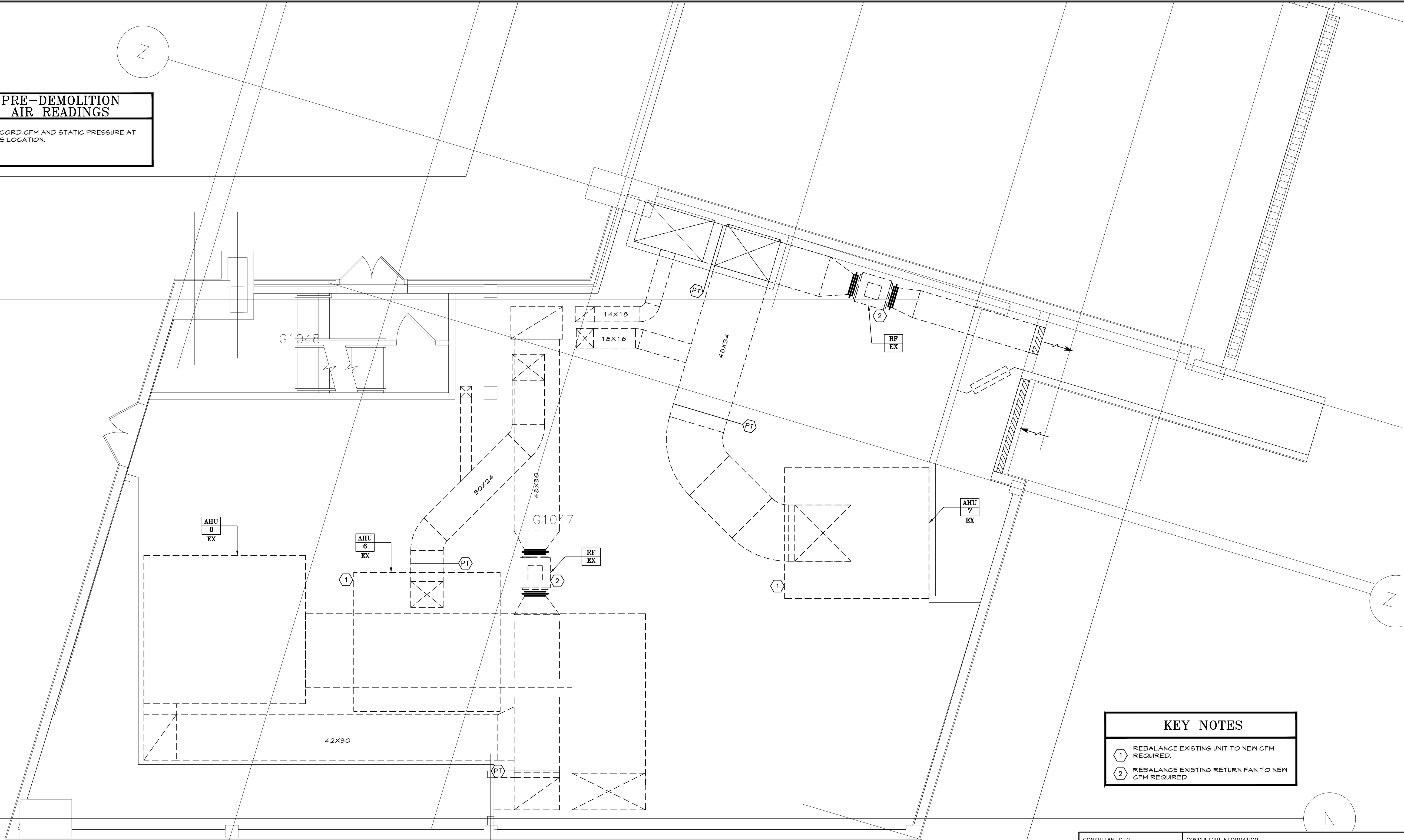
3. CONTRACTOR TO PROVIDE EXISTING CHILLED WATER AND STEAM FLOW RATES FOR EACH AC UNIT.

4. ALL READINGS SHALL BE RECORDED AND COPIES SUBMITTED TO ENGINEER.

5. PROVIDE PRICING TO PERFORM ALL REPAIRS FOUND NECESSARY FOR CONTINUED OPERATION.

**PRE-DEMOLITION
AIR READINGS**

PT RECORD CFM AND STATIC PRESSURE AT THIS LOCATION.



KEY NOTES

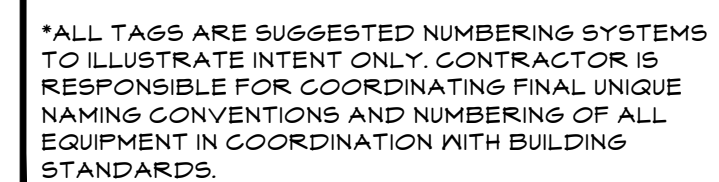
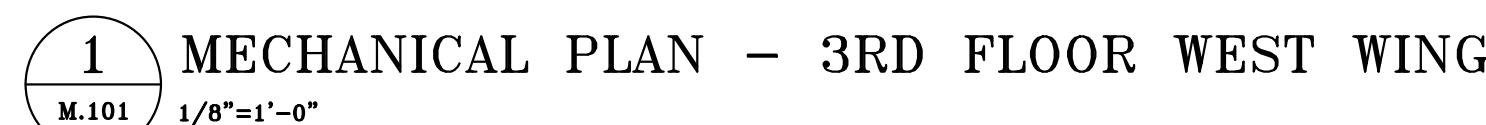
1 REBALANCE EXISTING UNIT TO NEW CFM REQUIRED.

2 REBALANCE EXISTING RETURN FAN TO NEW CFM REQUIRED

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DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER 19-514	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		SHEET NUMBER 7 OF 17	
DIVISION OF ENGINEERING		SCALE: AS NOTED	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		DATE: MAY 20, 2021	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DPW FILE NO.	
WHITE PLAINS, NEW YORK 10601		REV NO. 0	
GROUND FLOOR MECHANICAL ROOM PART PLAN		52-01-HV-557	

1 GROUND FLOOR MECHANICAL ROOM
1/4"=1'-0"

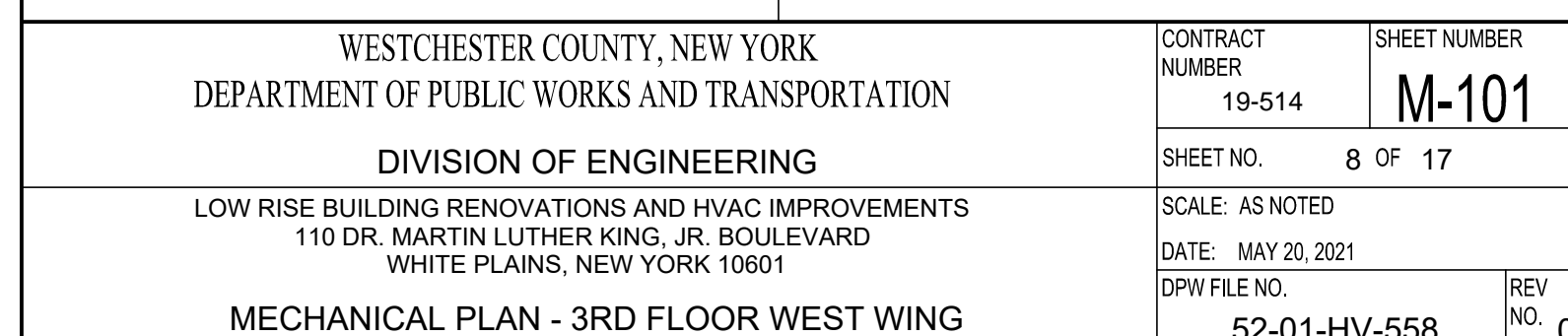
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1. ALL DUCTWORK TO BE WRAPPED WITH EXTERNAL INSULATION PER DUCT INSULATION SCHEDULE ON DWG M-011 AND SPECIFICATION SECTION 230700. DO NOT PROVIDE DUCTWORK WITH INTERNAL LINING.
2. PHASING ZONES ARE INDICATED ON THE DRAWINGS FOR PHASING INTENT ONLY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT SEQUENCE FOR ACHIEVING SPECIFIED PHASING. PROTECT ALL UNFINISHED FINISHES. PROVIDE ACCESS LEFT OPEN BETWEEN PHASES WITH PLASTIC PROTECTIVE COVERING TO PREVENT DUST AND DEBRIS ACCUMULATION. PROVIDE TEMPORARY COOLING AND HEATING AS REQUIRED TO COMPLETION SPACES IN ORDER FOR WORK TO OCCUR PRIOR TO COMPLETION OF SYSTEM TIES. SYSTEMS IN PHASE 1 WILL NOT BE ABLE TO BE FULLY OPERATIONAL UNTIL COMPLETION OF PHASE 2. SYSTEM IN PHASES 3 AND 4 WILL NOT BE ABLE TO BE FULLY OPERATIONAL UNTIL COMPLETION OF PHASE 6.

PHASE 1:
 GRAND JURY ROOM:
 COOLING: 42 MBH
 HEATING: 36 MBH
 NORTH WING:
 COOLING: 235 MBH
 HEATING: 67 MBH
 PHASE 2:
 COOLING: 235 MBH
 HEATING: 58 MBH
 PHASE 3:
 COOLING: 227 MBH
 HEATING: 40 MBH
 PHASE 4:
 COOLING: 180 MBH
 HEATING: 49 MBH
 PHASE 5:
 COOLING: 105 MBH
 HEATING: 22 MBH
 PHASE 6:
 COOLING: 36 MBH
 HEATING: 10 MBH
 PHASE 7:
 COOLING: 23 MBH
 HEATING: 7 MBH

- ① NEW FAN COIL IN PLACE OF EXISTING. EXTEND NEW PIPING FROM EXISTING BRANCH PIPING AT MAINS. PROVIDE ALL NEW PIPE TIE INS AND DETAIL. SEE DETAIL 1 DRAWING M-021. PROVIDE ALL NEW BMS CONTROLS. SEE ARCHITECTURAL PLANS FOR ENCLOSURE DETAIL.
- ② NEW FAN COIL IN NEW LOCATION. PROVIDE NEW PIPING CONNECTIONS TO EXISTING MAINS AND EXTEND CONDENSING UNIT. PROVIDE ALL NEW PIPE TIE-INS. SEE DETAIL 1 AND 3 ON DRAWING M-021. PROVIDE ALL NEW BMS CONTROLS.
- ③ PROVIDE NEW SPLIT SYSTEM FOR IT ROOM INCLUDING WALL MOUNTED INDOOR UNIT AND WALL MOUNTED CONDENSING UNIT. PROVIDE ALL REFRIGERANT PIPING, WIRING AND CONTROLS FOR A COMPLETE SYSTEM. UNIT SHALL BE CAPACITATED TO MEET THE PENDING FINAL IT COOLING REQUIREMENTS.
- ④ PROVIDE LINE VOLTAGE COOLING ONLY THERMOSTAT FOR EXHAUST FAN.
- ⑤ DUCT TO RISE AND RUN TIGHT TO SLAB BETWEEN BEAMS.



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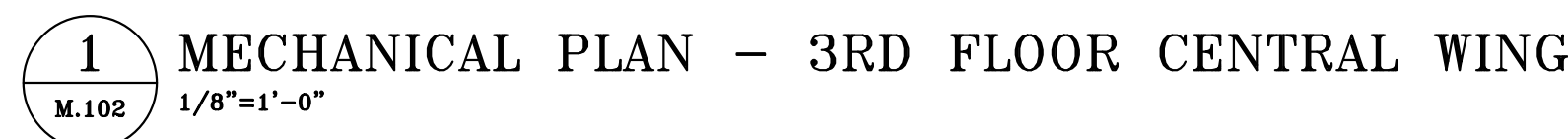
3-1 *EQUIPMENT UNIQUE IDENTIFICATION TAG

VAY	VARIABLE AIR VOLUME BOX
X	VAV BOX SIZE DESIGNATION. SEE SCHEDULE ON DWG M-010

3-1 *EQUIPMENT UNIQUE IDENTIFICATION TAG

FCU	FAN COIL UNIT
X	FAN COIL UNIT SIZE DESIGNATION. SEE SCHEDULE ON DWG M-010

*ALL TAGS ARE SUGGESTED NUMBERING SYSTEMS TO ILLUSTRATE INTENT ONLY. CONTRACTOR IS RESPONSIBLE FOR COORDINATING FINAL UNIQUE NAMING CONVENTIONS AND NUMBERING OF ALL EQUIPMENT IN COORDINATION WITH BUILDING STANDARDS.



1. PHASING ZONES ARE INDICATED ON THE DRAWINGS FOR PHASING INTENT ONLY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT SEQUENCE FOR PHASING SPECIFIC TO THE PROJECT ALL UNFINISHED PIPES AND DUCTWORK LEFT OPEN BETWEEN PHASES WITH PLASTIC PROTECTIVE COVERING TO PREVENT DUST AND DEBRIS ACCUMULATION. VENTILATION, HEATING, COOLING AND HEATING AS REQUIRED TO CONDITION SPACES INTENDED TO BE OCCUPIED PRIOR TO COMPLETION OF SYSTEM. THE SYSTEM SHALL BE FULLY OPERATIONAL UNTIL COMPLETION OF PHASE 2. SYSTEM IN PHASE 3 AND 4 WILL NOT BE ABLE TO BE FULLY OPERATIONAL UNTIL COMPLETION OF PHASE 6.

COOLING/HEATING LOADS BY PHASE.

PHASE 1:
GRAND WORKROOM

COOLING: 42 MBH

HEATING: 36 MBH
MODELING:

COOLING: 235 MBH

HEATING: 67 MBH
FLOOR 2

COOLING: 235 MBH

HEATING: 58 MBH
PHASE 2:

COOLING: 227 MBH

HEATING: 40 MBH
PHASE 4:

COOLING: 180 MBH

HEATING: 49 MBH
PHASE 5.

COOLING: 105 MBH

HEATING: 22 MBH
PHASE 6:

COOLING: 36 MBH

HEATING: 10 MBH
PHASE 7:

COOLING: 23 MBH

HEATING: 7 MBH

1 NEW FAN COIL IN PLACE OF EXISTING.
EXTEND NEW PIPING FROM EXISTING BRANCH
PIPING AT MAINS. PROVIDE ALL NEW PIPE
TRIM. SEE DETAIL 1 AND 3 ON DRAWING
M-021. PROVIDE ALL NEW BMS CONTROLS.
SEE ARCHITECTURAL PLANS FOR
ENCLOSURE DETAIL.

2 NEW FAN COIL IN NEW LOCATION. PROVIDE NEW PIPING CONNECTIONS TO EXISTING MAINS AND EXTEND TO NEW UNIT. PROVIDE ALL NEW PIPE TRIM. SEE DETAIL 1 AND 3 ON DRAWING M-021. PROVIDE ALL NEW BMS CONTROLS.

3 PROVIDE NEW SPLIT SYSTEM FOR IT ROOM INCLUDING WALL MOUNTED INDOOR UNIT AND ROOF MOUNTED CONDENSING UNIT. PROVIDE ALL REFRIGERANT PIPING, WIRING AND CONTROLS FOR A COMPLETE SYSTEM. UNIT SIZE/CAPACITIES TO BE DETERMINED PENDING FINAL IT COOLING REQUIREMENTS

4 PROVIDE LINE VOLTAGE COOLING ONLY THERMOSTAT FOR EXHAUST FAN.

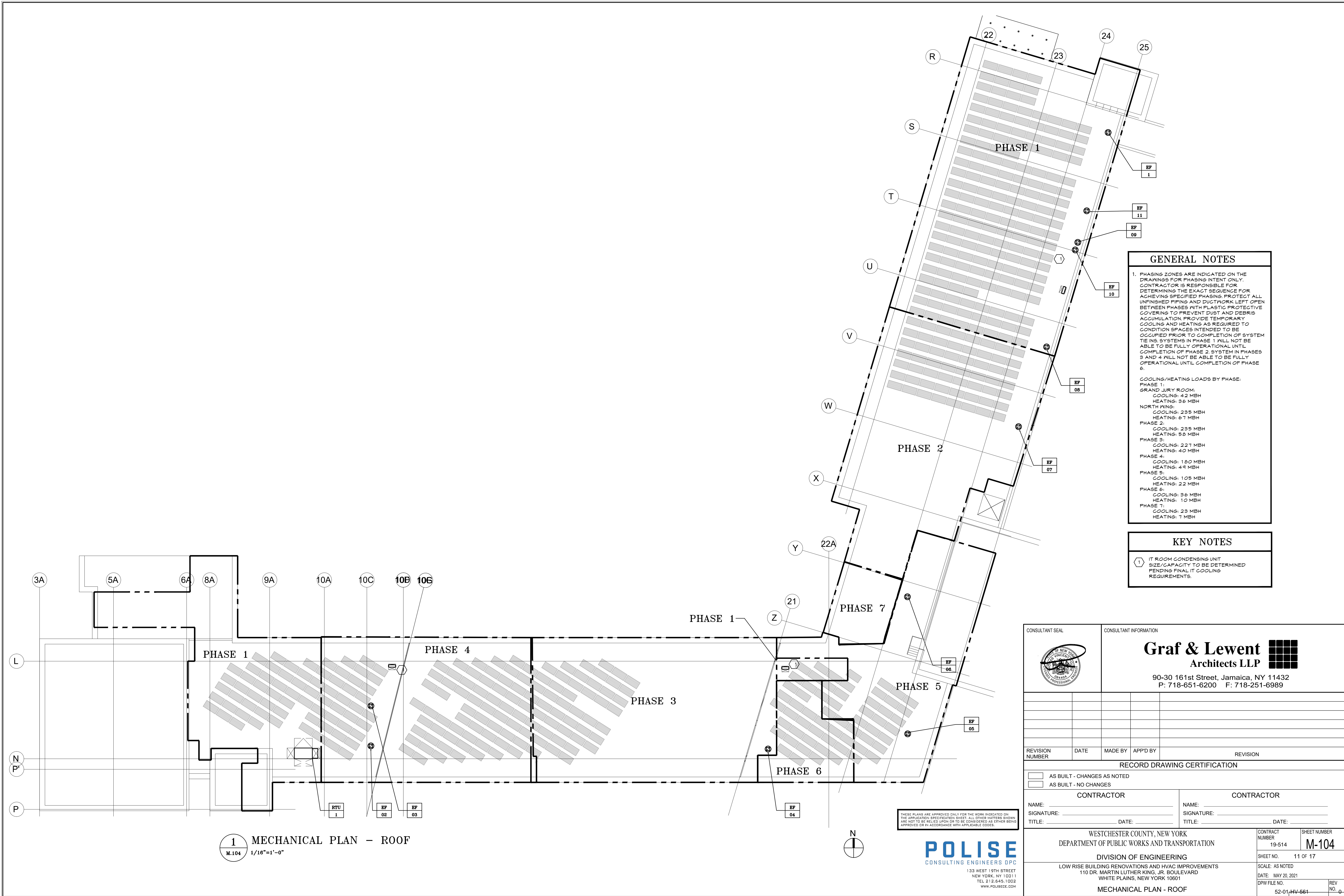
5 DUCT TO RISE AND RUN TIGHT TO SLAB BETWEEN BEAMS.

6 EXISTING FLOOR MOUNTED CABINET
HEATER TO BE REPLACED WITH NEW
CEILING CONCEALED CABINET HEATER.



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RECORD DRAWING CERTIFICATION				
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING			CONTRACT NUMBER <div style="text-align: center;">19-514</div> <div style="border: 2px solid black; padding: 5px; font-size: 1.5em; font-weight: bold; text-align: center;">M-102</div> SHEET NO. 9 OF 17	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 MECHANICAL PLAN - 3RD FLOOR CENTRAL WING			SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. <div style="text-align: center;">52-01-HV-559</div> <div style="text-align: right;">REV. NO.</div>	



GENERAL NOTES

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COOLING/HEATING LOADS BY PHASE:

PHASE 1:
GRAND JURY ROOM:
COOLING: 4.2 MBH
HEATING: 3.6 MBH

NORTH WING:
COOLING: 23.5 MBH
HEATING: 6.7 MBH

PHASE 2:
COOLING: 23.5 MBH
HEATING: 5.8 MBH

PHASE 3:
COOLING: 22.7 MBH
HEATING: 4.0 MBH

PHASE 4:
COOLING: 18.0 MBH
HEATING: 4.9 MBH

PHASE 5:
COOLING: 10.5 MBH
HEATING: 2.2 MBH

PHASE 6:
COOLING: 3.6 MBH
HEATING: 1.0 MBH

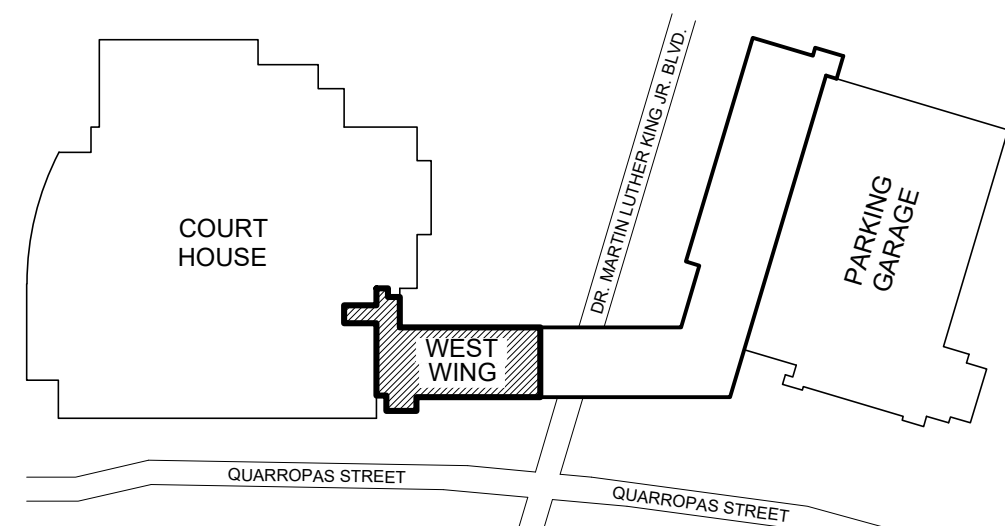
PHASE 7:
COOLING: 2.3 MBH
HEATING: 7 MBH

KEY NOTES

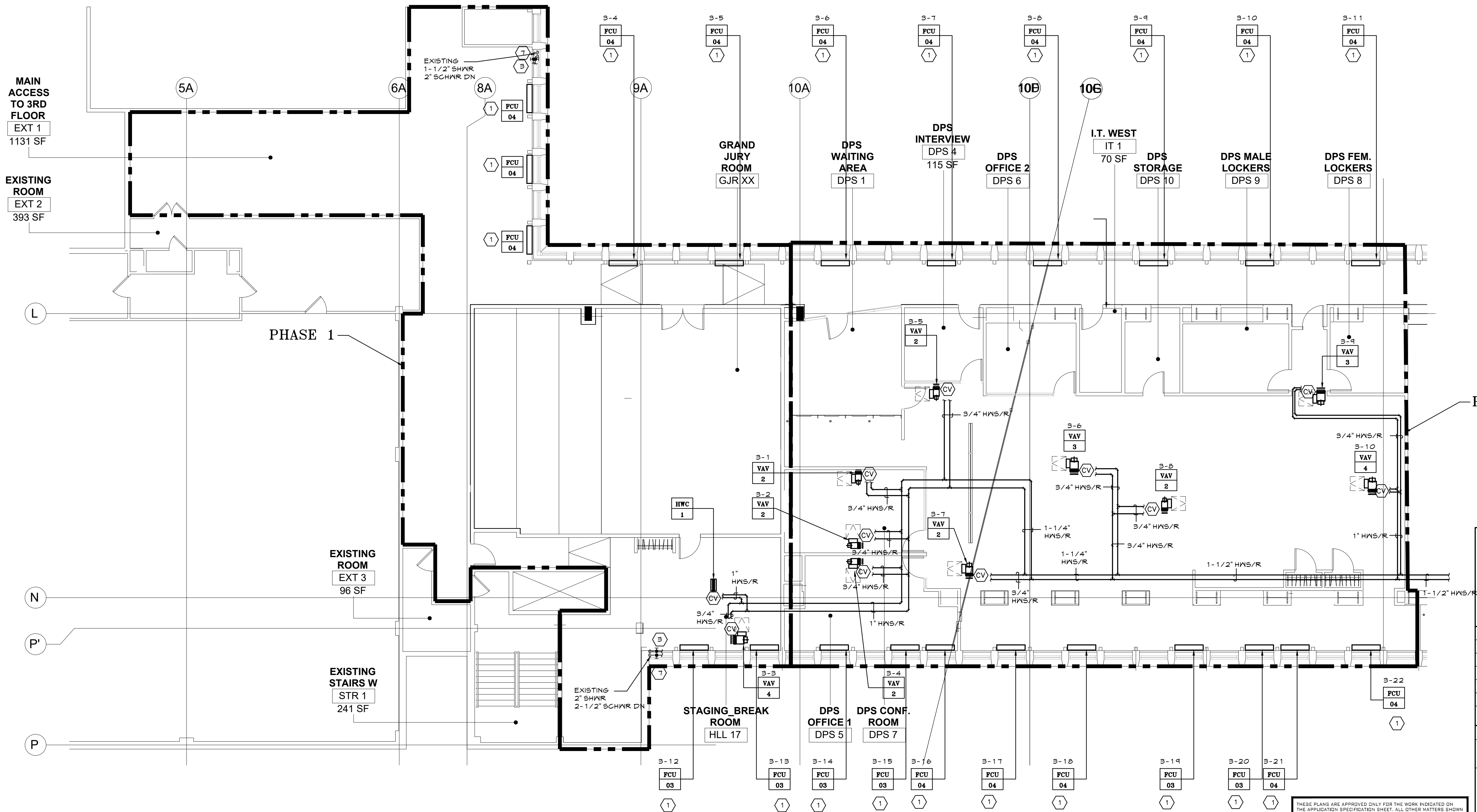
1 IT ROOM CONDENSING UNIT SIZE/CAPACITY TO BE DETERMINED PENDING FINAL IT COOLING REQUIREMENTS.

1 MECHANICAL PLAN - ROOF
M.104 1/16"=1'-0"

CONSULTANT SEAL		CONSULTANT INFORMATION																										
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER M-104																									
DIVISION OF ENGINEERING		SHEET NO. 11 OF 17																										
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-HV-561																										
MECHANICAL PLAN - ROOF		REV NO. 0																										



K
N.T.S.



EQUIPMENT TAG LEGEND

3-1 *EQUIPMENT UNIQUE IDENTIFICATION TAG
VAV VARIABLE AIR VOLUME BOX
X VAV BOX SIZE DESIGNATION. SEE SCHEDULE ON DWG M-010

3-1 *EQUIPMENT UNIQUE IDENTIFICATION TAG
FCU FAN COIL UNIT
X FAN COIL UNIT SIZE DESIGNATION. SEE SCHEDULE ON DWG M-010

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GENERAL NOTES

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COOLING/HEATING LOADS BY PHASE:

PHASE 1:
GRAND JURY ROOM:
COOLING: 42 MBH
HEATING: 36 MBH
NORTH WING:
COOLING: 235 MBH
HEATING: 67 MBH
PHASE 2:
COOLING: 235 MBH
HEATING: 58 MBH
PHASE 3:
COOLING: 227 MBH
HEATING: 40 MBH
PHASE 4:
COOLING: 180 MBH
HEATING: 49 MBH
PHASE 5:
COOLING: 105 MBH
HEATING: 22 MBH
PHASE 6:
COOLING: 36 MBH
HEATING: 10 MBH
PHASE 7:
COOLING: 23 MBH
HEATING: 7 MBH

KEY NOTES

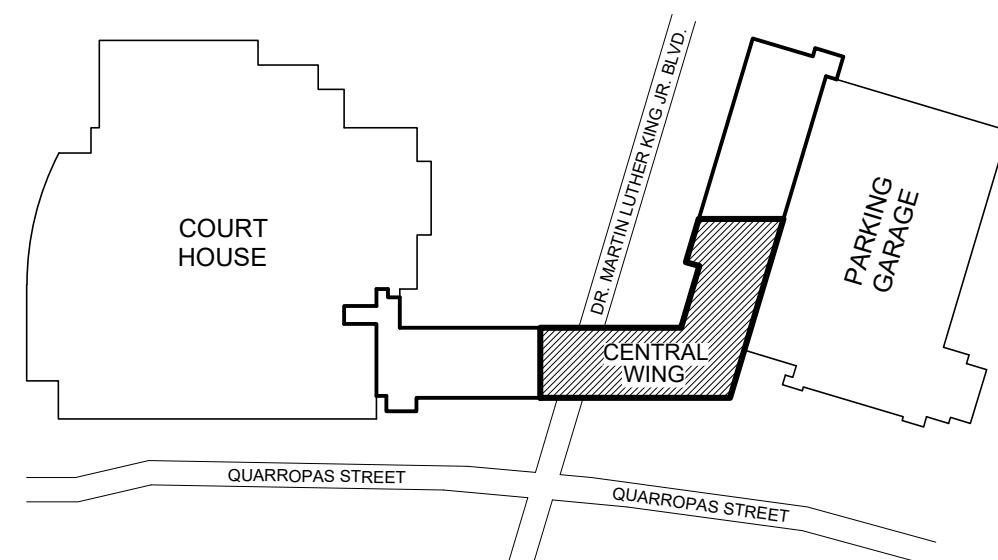
- NEW FAN COIL IN PLACE OF EXISTING. EXTEND NEW PIPING FROM EXISTING BRANCH PIPING AT MAINS. PROVIDE ALL NEW PIPE TRIM. SEE DETAIL 1 ON DRAWING M-021. PROVIDE ALL NEW BMS CONTROLS.
- NEW FAN COIL IN NEW LOCATION. PROVIDE NEW PIPING CONNECTIONS TO EXISTING MAINS AND EXTEND TO NEW UNIT. PROVIDE ALL NEW PIPE TRIM. SEE DETAIL 1 ON DRAWING M-021. PROVIDE ALL NEW BMS CONTROLS.
- PROVIDE NEW ISOLATION VALVES AT EXISTING RISERS.
- PROVIDE NEW BMS CONTROL VALVE FOR HW RADIATION ON EXISTING RETURN PIPING.
- EXISTING FIN TUBE IS IN CONFLICT WITH NEW WALL. TRIM ENCLOSURE AND FINS AT NEW WALL AND INSULATE EXISTING PIPING AT WALL PENETRATION.
- PROVIDE NEW FIN TUBE ENCLOSURE FOR EXISTING FIN TUBE TO MATCH EXISTING.
- RE-INSULATE ALL EXISTING SHXS/R AND SCHXS/R PIPING SERVING FAN COIL UNITS IN ITS ENTIRETY.

1
M.201
MECHANICAL PIPING PLAN - 3RD FLOOR WEST WING
1/8"=1'-0"



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REVISION NUMBER	DATE	MADE BY	APP'D BY
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	
DIVISION OF ENGINEERING		SHEET NUMBER M-201	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-HV-562	
MECHANICAL PIPING PLAN - 3RD FLOOR WEST WING		REV NO. 0	



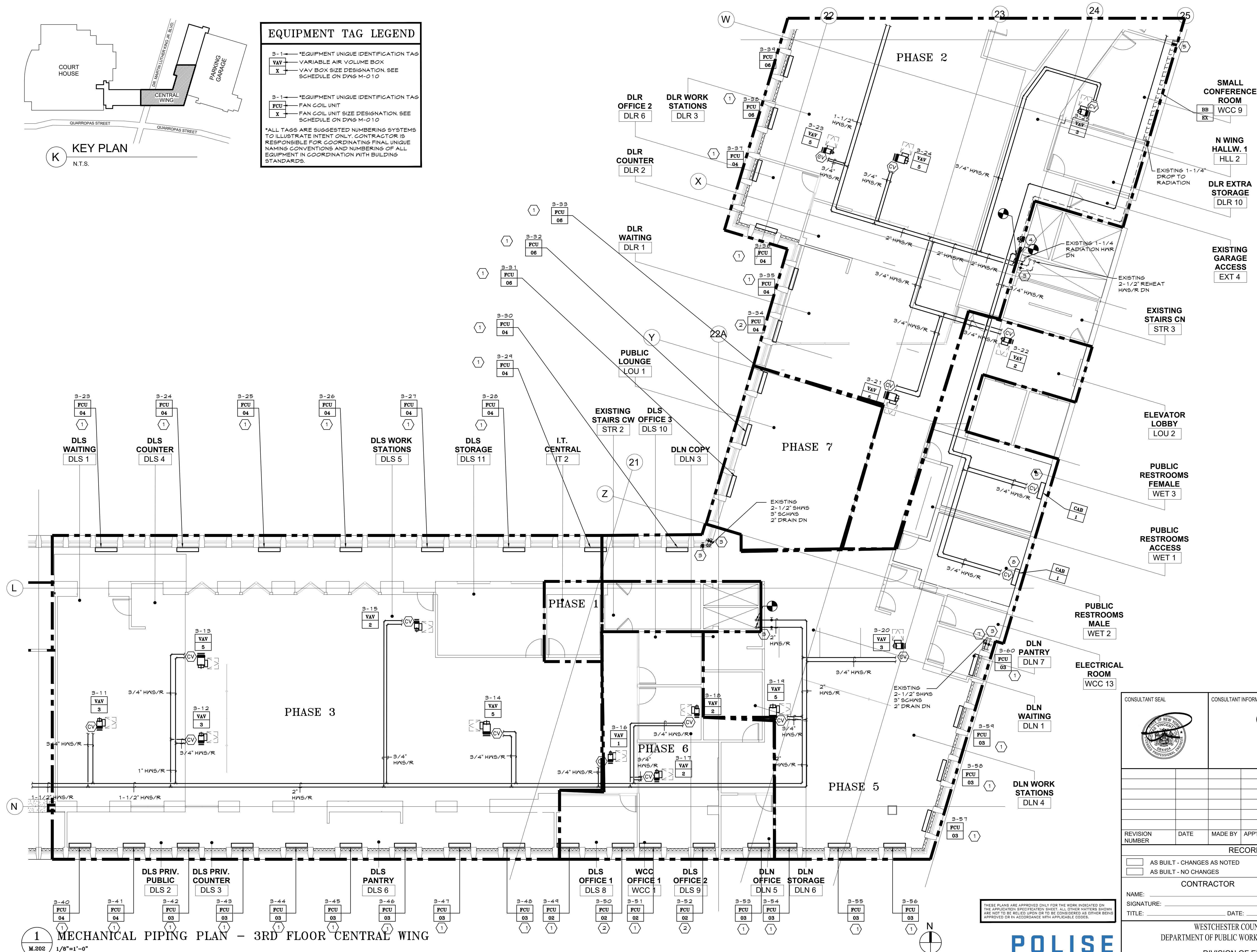
K KEY PLAN
N.T.S.

EQUIPMENT TAG LEGEND

3-1 *EQUIPMENT UNIQUE IDENTIFICATION TAG
VAV VARIABLE AIR VOLUME BOX
X VAV BOX SIZE DESIGNATION. SEE SCHEDULE ON DWG M-010

3-1 *EQUIPMENT UNIQUE IDENTIFICATION TAG
FCU FAN COIL UNIT
X FAN COIL UNIT SIZE DESIGNATION. SEE SCHEDULE ON DWG M-010

*ALL TAGS ARE SUGGESTED NUMBERING SYSTEMS TO ILLUSTRATE INTENT ONLY. CONTRACTOR IS RESPONSIBLE FOR COORDINATING FINAL UNIQUE NAMING CONVENTIONS AND NUMBERING OF ALL EQUIPMENT IN COORDINATION WITH BUILDING STANDARDS.



1 MECHANICAL PIPING PLAN - 3RD FLOOR CENTRAL WING
M.202 1/8"=1'-0"

GENERAL NOTES

1. PHASING ZONES ARE INDICATED ON THE DRAWINGS FOR PHASING INTENT ONLY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT SEQUENCE FOR ACHIEVING SPECIFIED PHASING. PROTECT ALL UNFINISHED PIPING AND DUCTWORK LEFT OPEN BETWEEN PHASES WITH PLASTIC PROTECTIVE COVERING TO PREVENT DUST AND DEBRIS ACCUMULATION. PROVIDE TEMPORARY COOLING AND HEATING AS REQUIRED TO CONDITION SPACES INTENDED TO BE OCCUPIED PRIOR TO COMPLETION OF SYSTEM TIE INS. SYSTEMS IN PHASE 1 WILL NOT BE ABLE TO BE FULLY OPERATIONAL UNTIL COMPLETION OF PHASE 2. SYSTEMS IN PHASES 3 AND 4 WILL NOT BE ABLE TO BE FULLY OPERATIONAL UNTIL COMPLETION OF PHASE 6.

COOLING/HEATING LOADS BY PHASE:

PHASE 1:
GRAND JURY ROOM:
COOLING: 42 MBH
HEATING: 36 MBH
NORTH WING:
COOLING: 235 MBH
HEATING: 67 MBH
PHASE 2:
COOLING: 235 MBH
HEATING: 58 MBH
PHASE 3:
COOLING: 227 MBH
HEATING: 40 MBH
PHASE 4:
COOLING: 180 MBH
HEATING: 49 MBH
PHASE 5:
COOLING: 105 MBH
HEATING: 22 MBH
PHASE 6:
COOLING: 36 MBH
HEATING: 10 MBH
PHASE 7:
COOLING: 23 MBH
HEATING: 7 MBH

KEY NOTES

1. NEW FAN COIL IN PLACE OF EXISTING. EXTEND NEW PIPING FROM EXISTING BRANCH PIPING AT MAINS. PROVIDE ALL NEW PIPE TRIM. SEE DETAIL 1 ON DRAWING M-021. PROVIDE ALL NEW BMS CONTROLS.
2. NEW FAN COIL IN NEW LOCATION. PROVIDE NEW PIPING CONNECTIONS TO EXISTING MAINS AND EXTEND TO NEW UNIT. PROVIDE ALL NEW PIPE TRIM. SEE DETAIL 1 ON DRAWING M-021. PROVIDE ALL NEW BMS CONTROLS.
3. PROVIDE NEW ISOLATION VALVES AT EXISTING RISERS.
4. PROVIDE NEW BMS CONTROL VALVE FOR HW RADIATION ON EXISTING RETURN PIPING.
5. EXISTING FIN TUBE IS IN CONFLICT WITH NEW WALL. TRIM ENCLOSURE AND FIN AT NEW WALL AND INSULATE EXISTING PIPING AT WALL PENETRATION.
6. PROVIDE NEW FIN TUBE ENCLOSURE FOR EXISTING FIN TUBE TO MATCH EXISTING.
7. RE-INSULATE ALL EXISTING SHWS/R AND SCHWS/R PIPING SERVING FAN COIL UNITS IN ITS ENTIRETY.
8. PROVIDE NEW CABINET HEATER IN PLACE OF EXISTING. SEE DETAIL 5 ON DRAWING M-021 FOR MORE DETAIL.

CONSULTANT SEAL		CONSULTANT INFORMATION																										
		Graff & Lewent 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 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 MECHANICAL PIPING PLAN - 3RD FLOOR CENTRAL WING																												
CONTRACT NUMBER 19-514		SHEET NUMBER M-202																										
SHEET NO. 13 OF 17		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-HV-563																										
REV NO. 0																												

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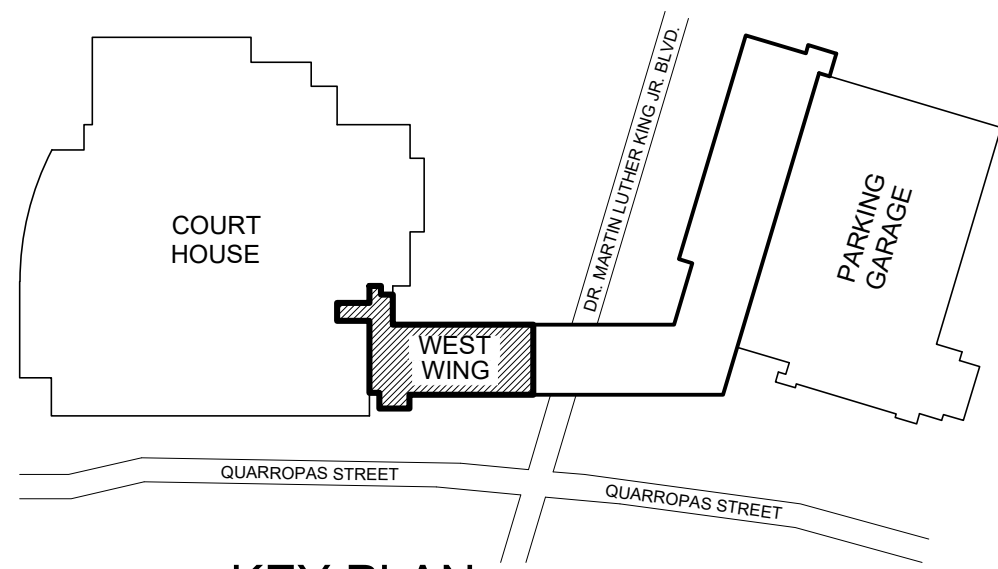
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CONSULTANT SEAL 	CONSULTANT INFORMATION <div style="text-align: center;"> <h1 style="margin: 0;">Graf & Lewent</h1> <h2 style="margin: 0;">Architects LLP</h2> </div> <div style="text-align: center; margin-top: 10px;">  </div> <div style="text-align: center; margin-top: 10px;"> 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989 </div>											
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> CONTRACT NUMBER <div style="text-align: center; font-weight: bold;">19-514</div> </td> <td style="width: 50%;"> SHEET NUMBER <div style="text-align: center; font-size: 2em; font-weight: bold;">M-203</div> </td> </tr> <tr> <td colspan="2"> SHEET NO. 14 OF 17 </td> </tr> <tr> <td colspan="2"> SCALE: AS NOTED DATE: MAY 20, 2021 </td> </tr> <tr> <td> DPW FILE NO. 52-01-HV-564 </td> <td> REV NO. 0 </td> </tr> </table>	CONTRACT NUMBER <div style="text-align: center; font-weight: bold;">19-514</div>	SHEET NUMBER <div style="text-align: center; font-size: 2em; font-weight: bold;">M-203</div>	SHEET NO. 14 OF 17		SCALE: AS NOTED DATE: MAY 20, 2021		DPW FILE NO. 52-01-HV-564	REV NO. 0
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SHEET NO. 14 OF 17												
SCALE: AS NOTED DATE: MAY 20, 2021												
DPW FILE NO. 52-01-HV-564	REV NO. 0											
MECHANICAL PIPING PLAN - 3RD FLOOR NORTH WING												

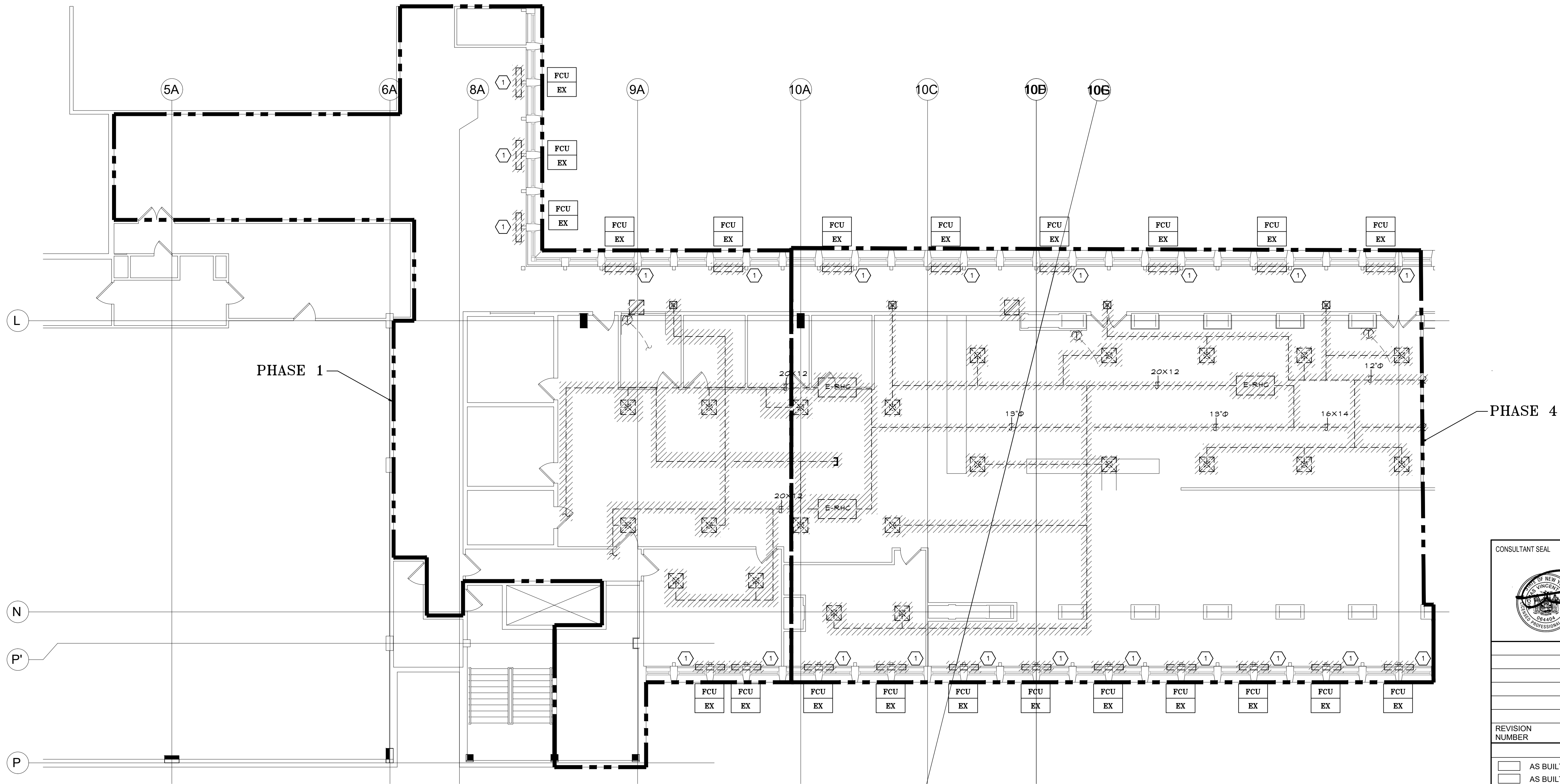
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MECHANICAL PIPING PLAN - 3RD FLOOR NORTH WING



K
N.T.S.



GENERAL NOTES

1. PHASING ZONES ARE INDICATED ON THE DRAWINGS FOR PHASING INTENT ONLY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT SEQUENCE FOR ACHIEVING SPECIFIED PHASING. PROTECT ALL UNFINISHED PIPING AND DUCTWORK LEFT OPEN BETWEEN PHASES WITH PLASTIC PROTECTIVE COVERING TO PREVENT DUST AND DEBRIS ACCUMULATION. PROVIDE TEMPORARY COOLING AND HEATING AS REQUIRED TO CONDITION SPACES INTENDED TO BE OCCUPIED PRIOR TO COMPLETION OF SYSTEM TIE INS. SYSTEMS IN PHASE 1 WILL NOT BE ABLE TO BE FULLY OPERATIONAL UNTIL COMPLETION OF PHASE 2. SYSTEM IN PHASES 3 AND 4 WILL NOT BE ABLE TO BE FULLY OPERATIONAL UNTIL COMPLETION OF PHASE 6.

COOLING/HEATING LOADS BY PHASE:

PHASE 1:
GRAND JURY ROOM:
COOLING: 42 MBH
HEATING: 36 MBH
NORTH WING:
COOLING: 235 MBH
HEATING: 67 MBH
PHASE 2:
COOLING: 235 MBH
HEATING: 50 MBH
PHASE 3:
COOLING: 227 MBH
HEATING: 40 MBH
PHASE 4:
COOLING: 180 MBH
HEATING: 49 MBH
PHASE 5:
COOLING: 105 MBH
HEATING: 22 MBH
PHASE 6:
COOLING: 36 MBH
HEATING: 10 MBH
PHASE 7:
COOLING: 23 MBH
HEATING: 7 MBH

DEMOLITION NOTES

1. EXISTING FAN COIL UNIT TO BE REMOVED AND REPLACED WITH NEW. REMOVE ALL ASSOCIATED CONTROLS.

THE EXISTING FLOOR IS BEING GUT RENOVATED. REMOVE ALL EXISTING DUCTWORK, CONSTANT VOLUME REHEAT COILS, HOT WATER SUPPLY AND RETURN PIPING, AND CONTROLS BACK TO MAINS AND CAP. REMOVE ALL EXISTING PERIMETER FAN COIL UNITS AND PIPING BACK TO HORIZONTAL MAINS AND CAP.

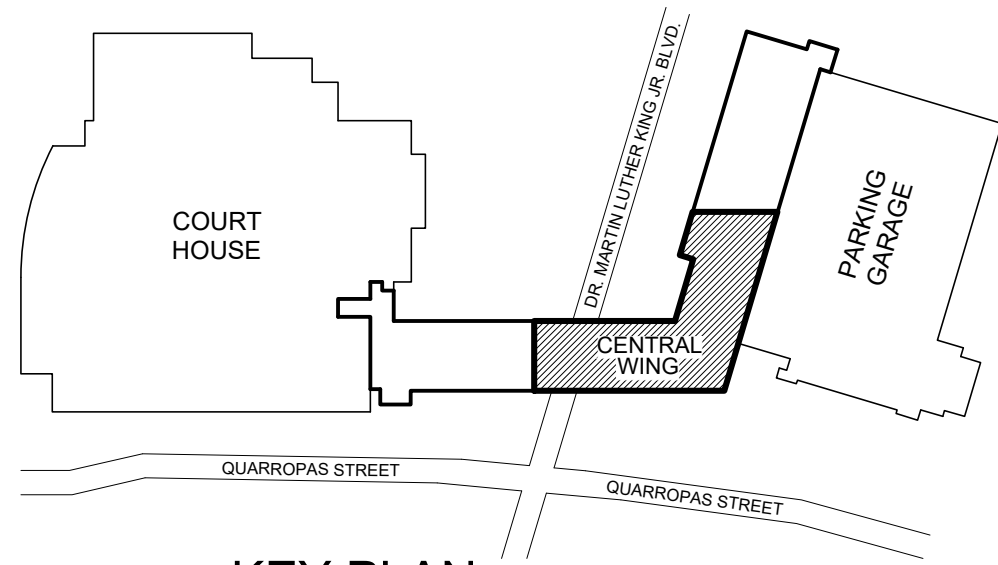
1 MECHANICAL DEMOLITION PLAN - 3RD FLOOR WEST WING
M.901 1/8"=1'-0"



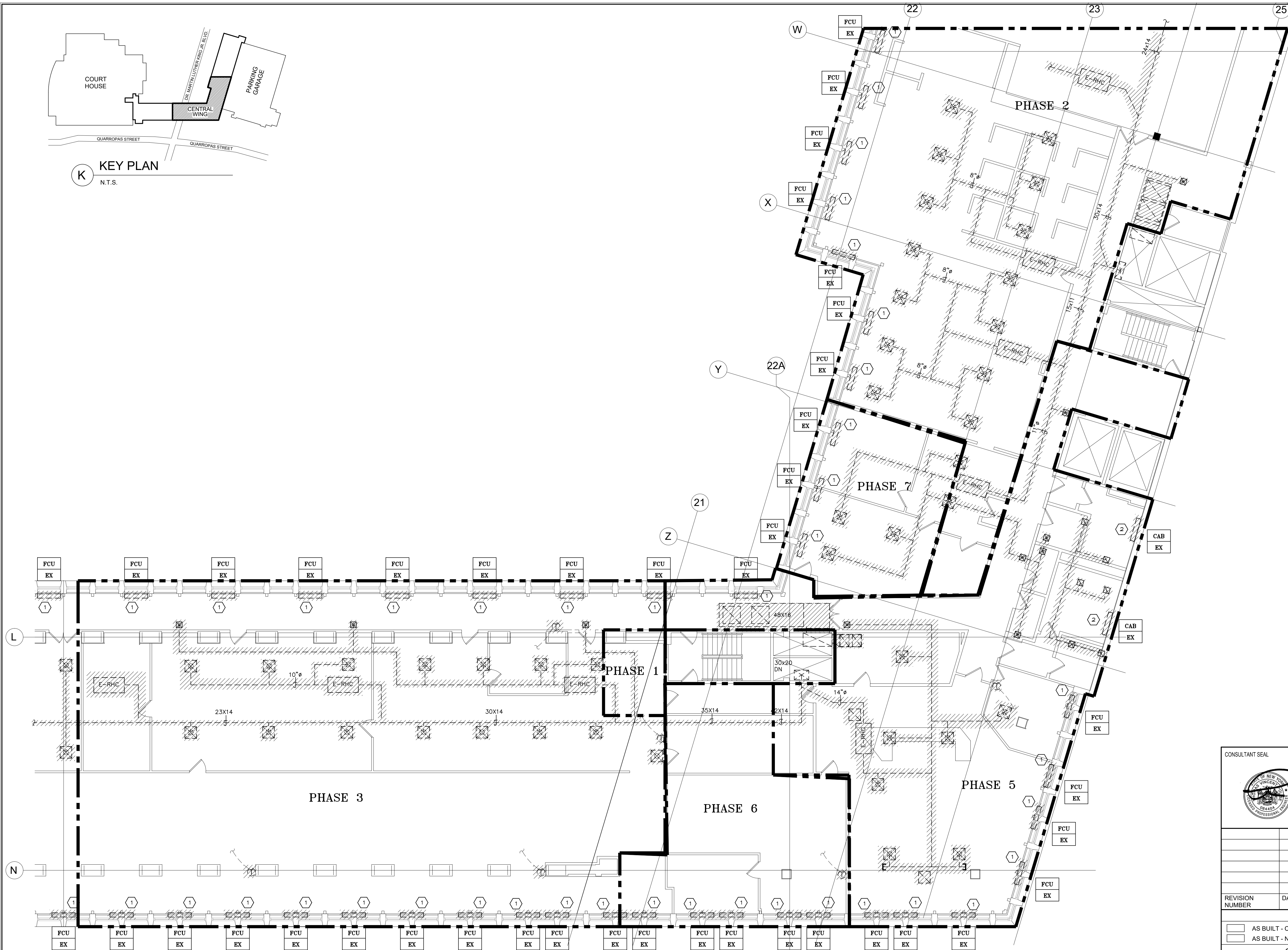
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REVISION NUMBER	DATE	MADE BY	APP'D BY
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER M-901
DIVISION OF ENGINEERING		SHEET NO.	15 OF 17
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO.	REV NO. 0
MECHANICAL DEMOLITION PLAN - 3RD FLOOR WEST WING		52-01-HV-565	



K KEY PLAN
N.T.S.



GENERAL NOTES

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COOLING/HEATING LOADS BY PHASE:

- PHASE 1:
GRAND JURY ROOM:
COOLING: 4.2 MBH
HEATING: 3.6 MBH
NORTH WING:
COOLING: 235 MBH
HEATING: 6.7 MBH
PHASE 2:
COOLING: 235 MBH
HEATING: 5.8 MBH
PHASE 3:
COOLING: 22.7 MBH
HEATING: 4.0 MBH
PHASE 4:
COOLING: 1.80 MBH
HEATING: 4.9 MBH
PHASE 5:
COOLING: 1.05 MBH
HEATING: 2.2 MBH
PHASE 6:
COOLING: 3.6 MBH
HEATING: 1.0 MBH
PHASE 7:
COOLING: 2.3 MBH
HEATING: 7 MBH

DEMOLITION NOTES

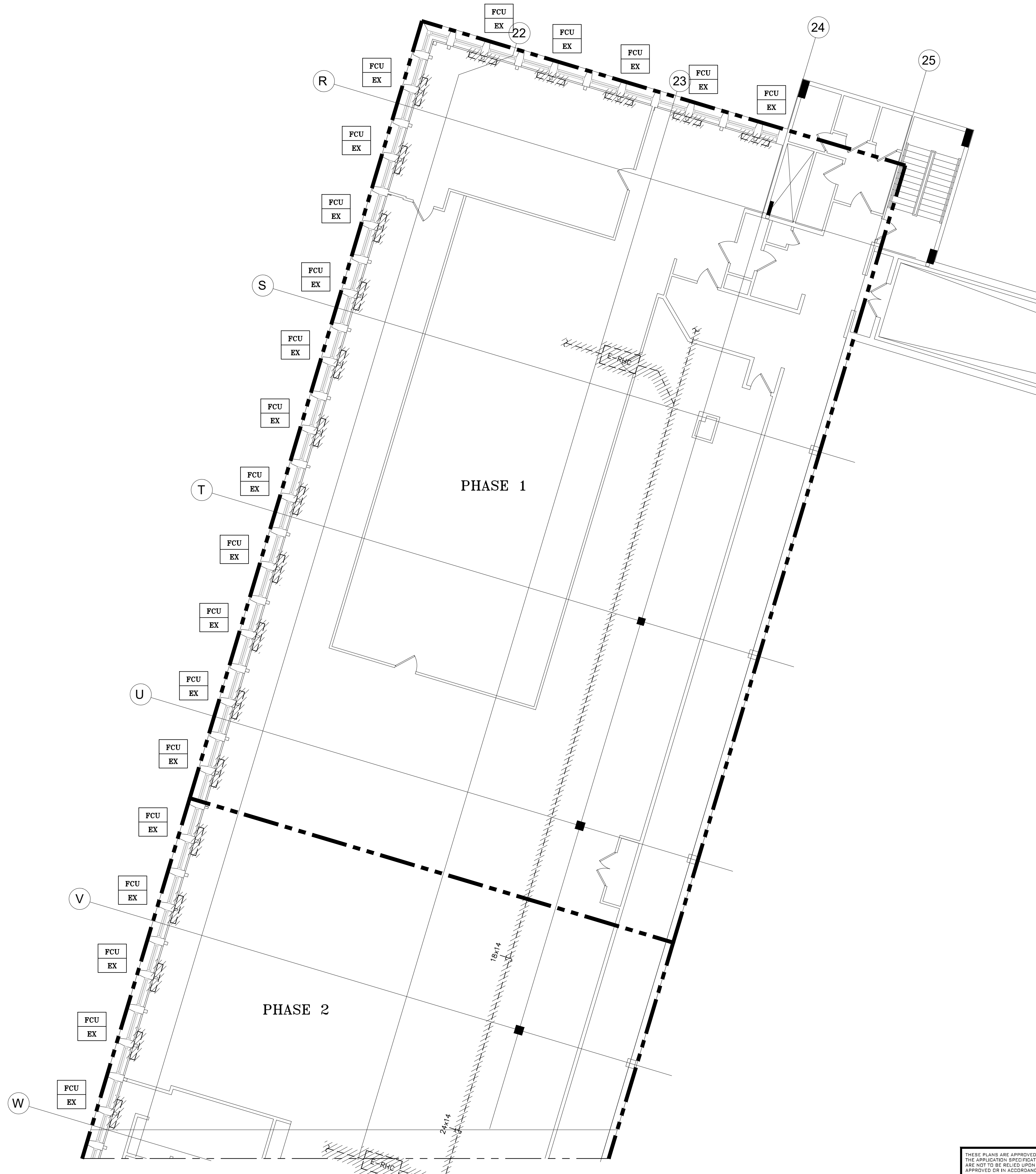
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 2. EXISTING CABINET HEATER TO BE REMOVED AND REPLACED WITH NEW. REMOVE ALL ASSOCIATED CONTROLS.
- THE EXISTING FLOOR IS BEING GUT RENOVATED. REMOVE ALL EXISTING DUCTWORK, CONSTANT VOLUME REHEAT COILS, HOT WATER SUPPLY AND RETURN PIPING, AND CONTROLS BACK TO MAINS AND CAP. REMOVE ALL EXISTING PERIMETER FAN COIL UNITS AND PIPING BACK TO HORIZONTAL MAINS AND CAP.

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 16 OF 17	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: MAY 20, 2021	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	
MECHANICAL DEMOLITION PLAN - 3RD FLOOR CENTRAL WING		52-01-HV-566	
		REV NO. 0	

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1 MECHANICAL DEMOLITION PLAN - 3RD FLOOR CENTRAL WING
M.902 1/8"=1'-0"



GENERAL NOTES

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COOLING/HEATING LOADS BY PHASE:

PHASE 1:

GRAND JURY ROOM:

COOLING: 42 MBH

HEATING: 36 MBH

NORTH WING:

COOLING: 235 MBH

HEATING: 67 MBH

PHASE 2:

COOLING: 235 MBH

HEATING: 58 MBH

PHASE 3:

COOLING: 227 MBH

HEATING: 40 MBH

PHASE 4:

COOLING: 180 MBH

HEATING: 49 MBH

PHASE 5:

COOLING: 105 MBH

HEATING: 22 MBH

PHASE 6:

COOLING: 36 MBH

HEATING: 10 MBH

PHASE 7:

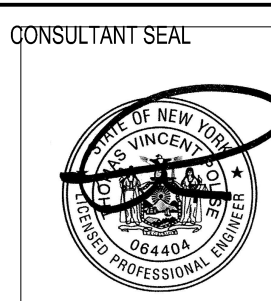
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HEATING: 7 MBH

DEMOLITION NOTES

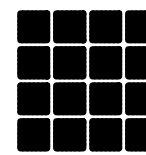
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THE EXISTING FLOOR IS BEING GUT RENOVATED. REMOVE ALL EXISTING DUCTWORK, CONSTANT VOLUME REHEAT COILS, HOT WATER SUPPLY AND RETURN PIPING, AND CONTROLS BACK TO MAINS AND CAP. REMOVE ALL EXISTING PERIMETER FAN COIL UNITS AND PIPING BACK TO HORIZONTAL MAINS AND CAP.



CONSULTANT INFORMATION

Graf & Lewent
Architects LLP

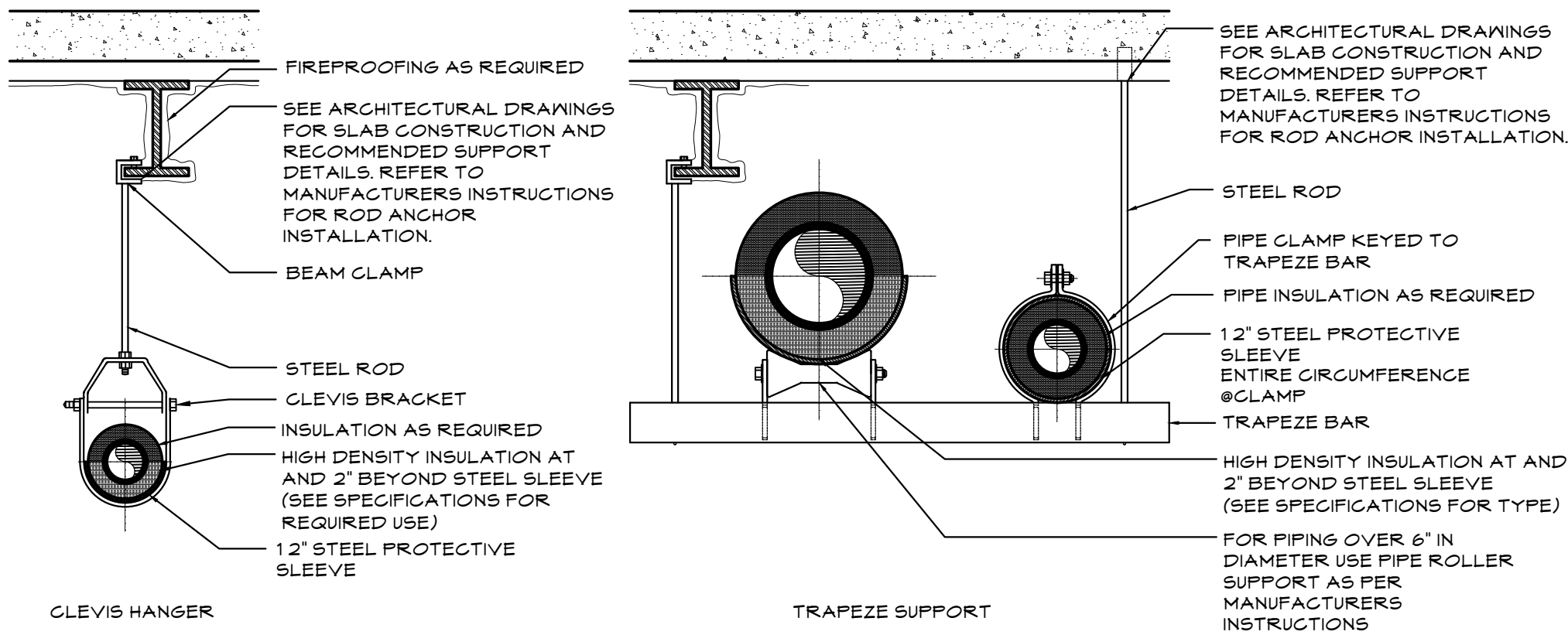


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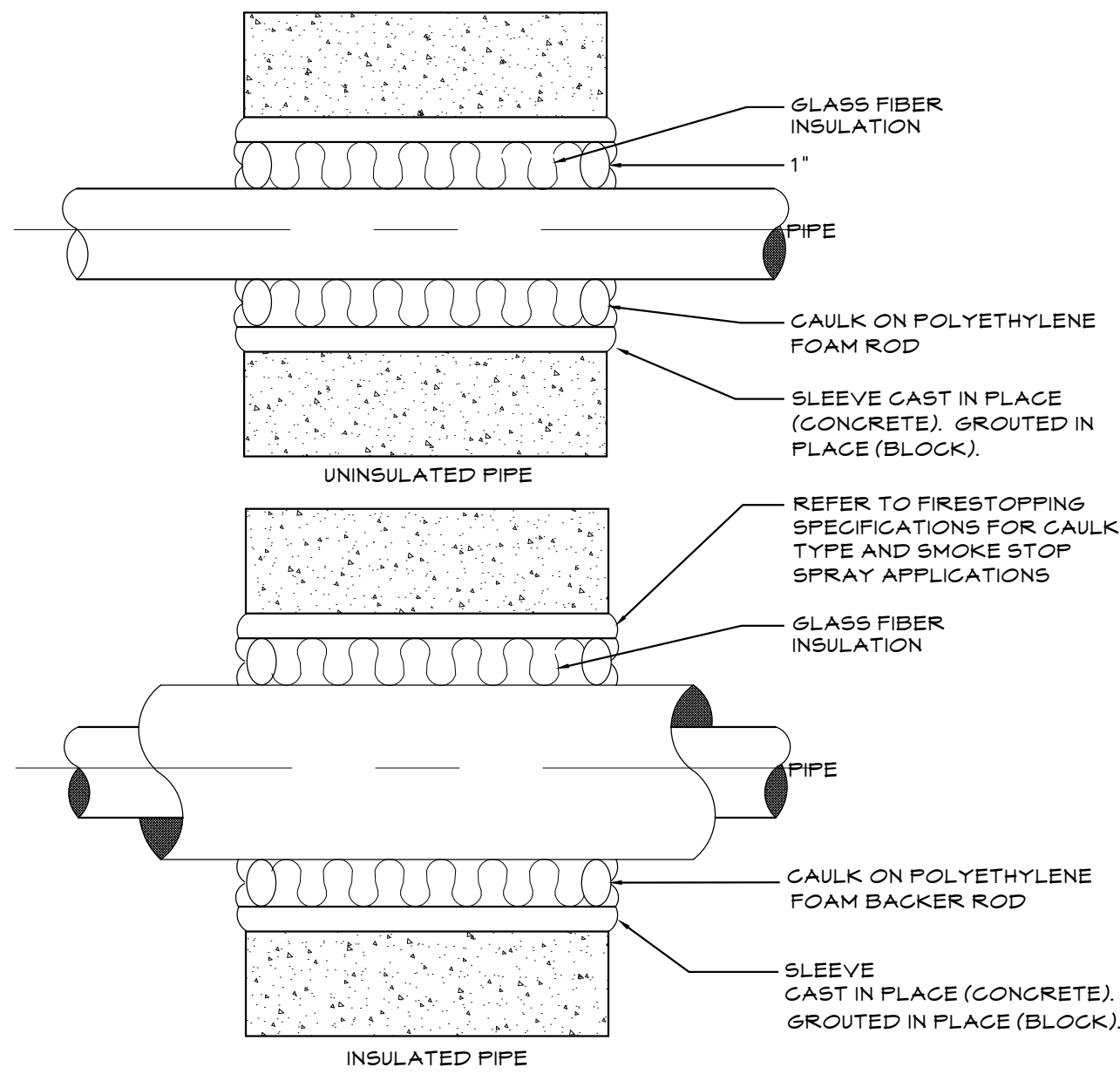
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WESTCHESTER COUNTY, NEW YORK				
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION				
DIVISION OF ENGINEERING				
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS				
110 DR. MARTIN LUTHER KING, JR. BOULEVARD				
WHITE PLAINS, NEW YORK 10601				
MECHANICAL DEMOLITION PLAN - 3RD FLOOR NORTH WING				
CONTRACT NUMBER	19-514	SHEET NUMBER		M-903
SHEET NO.		17 OF 17		
SCALE: AS NOTED				
DATE: MAY 20, 2021				
DPW FILE NO.				
52-01-HV-567				
REV NO. 0				

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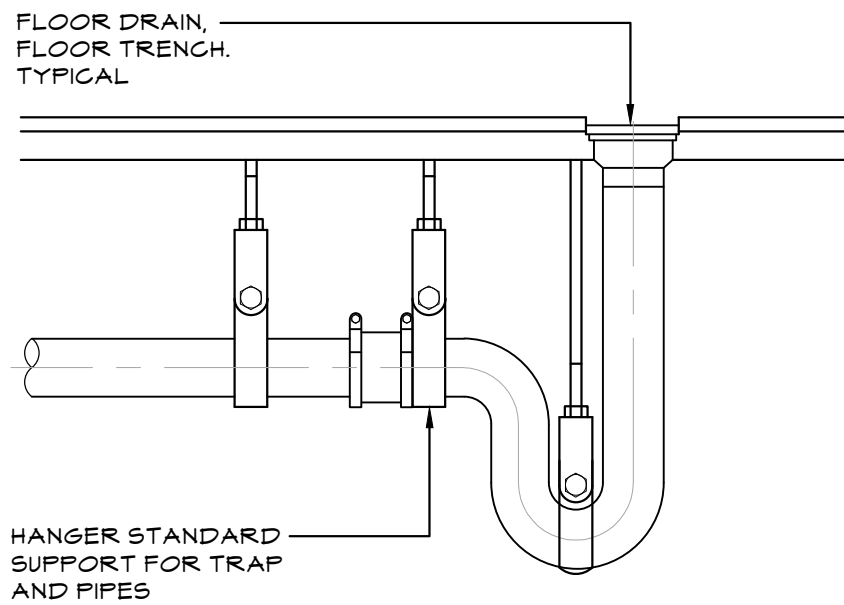
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MECHANICAL DEMOLITION PLAN - 3RD FLOOR NORTH WING
M.903 1/8"=1'-0"



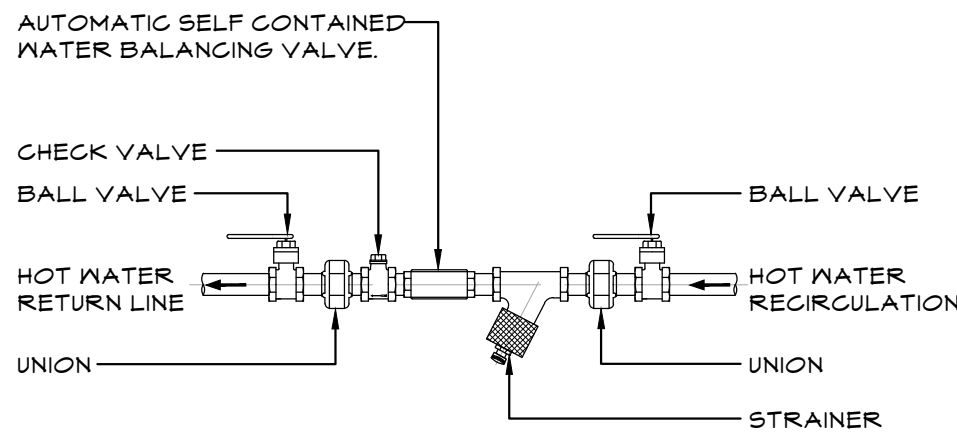
3 HORIZONTAL PIPE HANGING INSTALLATION DETAILS
P.020 N.T.S.



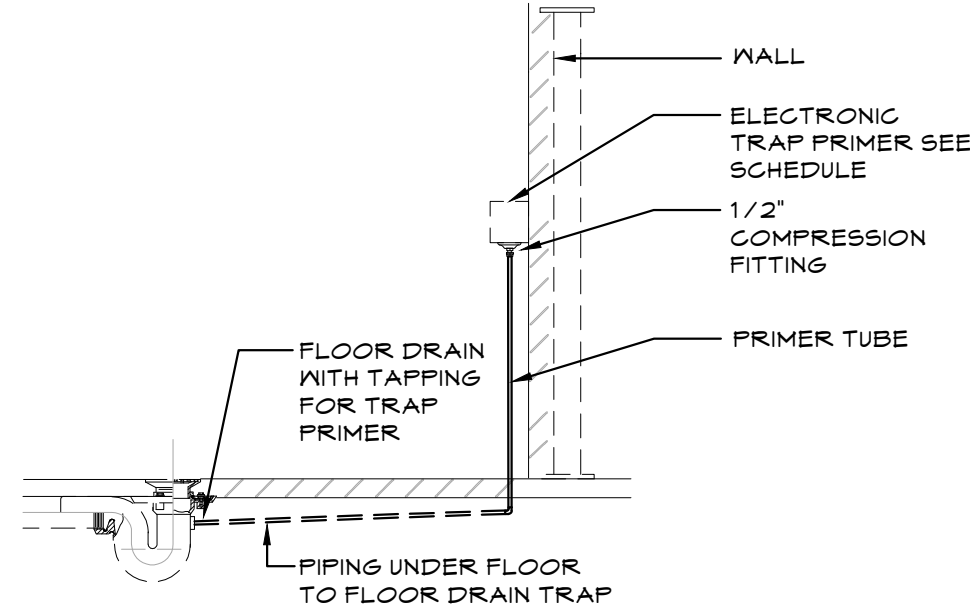
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5 TRAP HANGER DETAIL
P.020 N.T.S.



4 HOT WATER RETURN AUTOMATIC BALANCING VALVE
P.030 N.T.S.

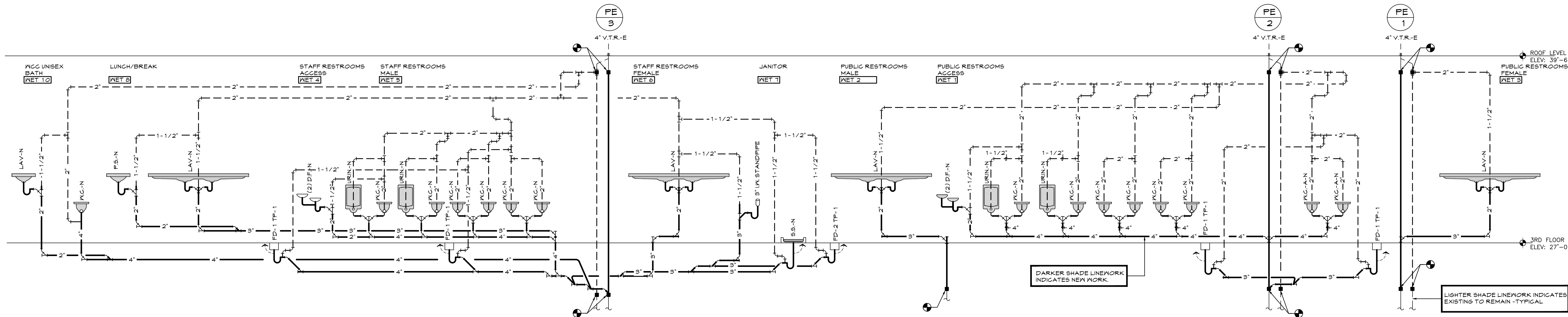


1 ELECTRONIC TRAP PRIMER
P.020 N.T.S.

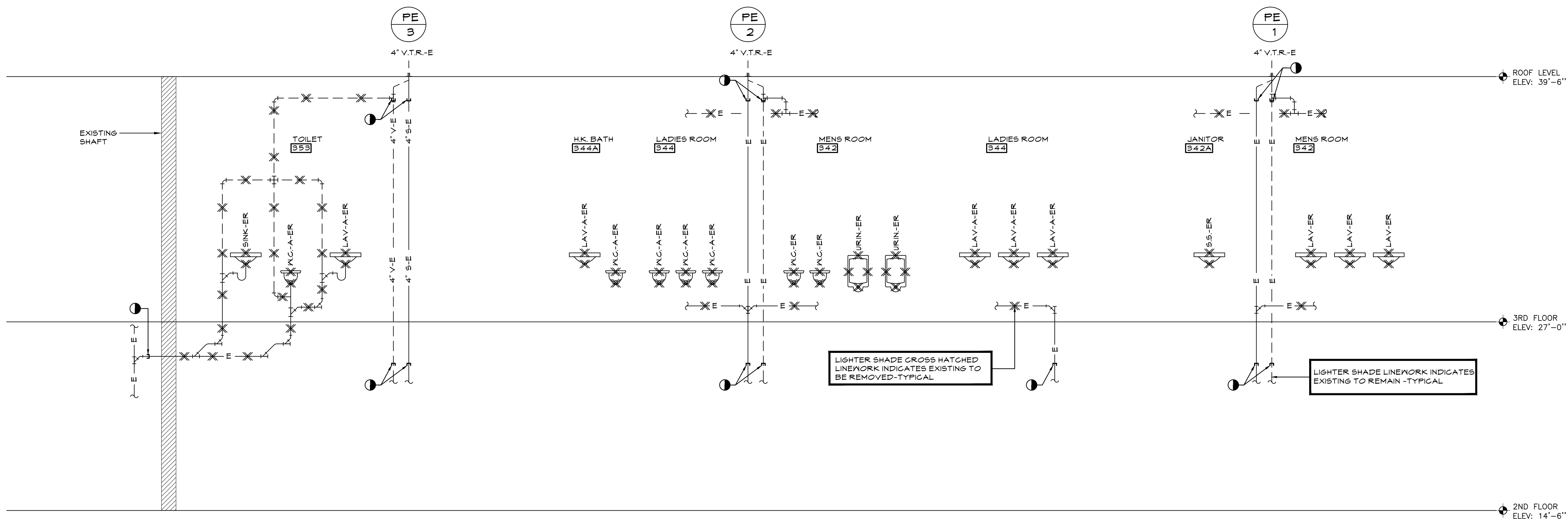
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CONSULTANT SEAL 		CONSULTANT INFORMATION Graf & Lewent Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989																					
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DIVISION OF ENGINEERING		SHEET NO. 02 OF 13																					
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-P-569																					
DETAILS		REV NO. 0																					



2 SANITARY RISER DIAGRAM
P.030 N.T.S.

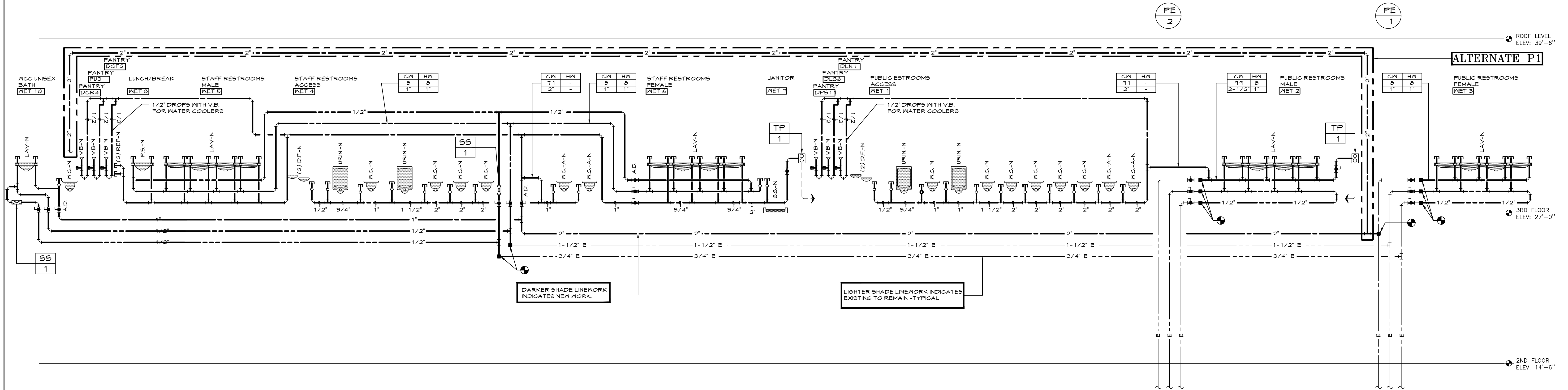


1 DEMOLITION SANITARY RISER DIAGRAM
P.030 N.T.S.

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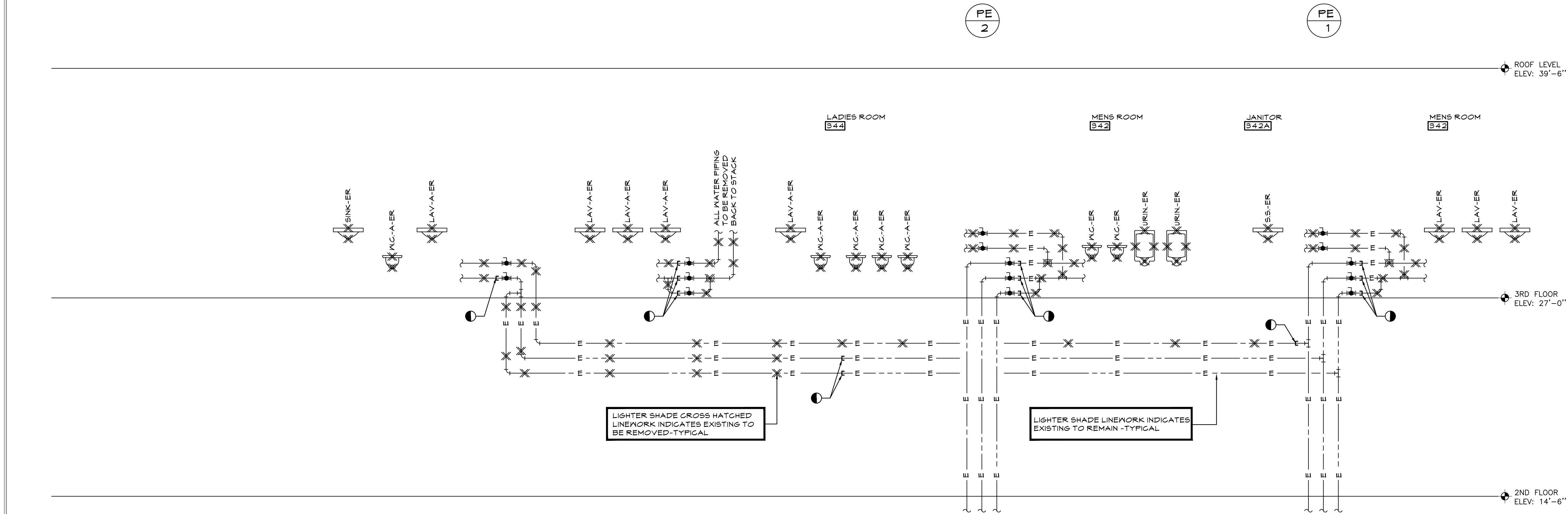
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514 SHEET NO. 03 OF 13	
DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-P-570	
SANITARY RISER DIAGRAMS		SHEET NUMBER P-030 REV NO. 0	



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

DOMESTIC WATER RISER DIAGRAM SYMBOLS	
GW	HW
XX	XX
X/X'	X/X'
— WATER TYPE	
— FIXTURE UNIT	
— PIPE SIZE	

ALTERNATE P1
PROVIDE ALTERNATE COST TO RUN NEW COLD
WATER PIPING ON 3RD FLOOR IN LIEU OF 2ND
FLOOR AS SHOWN.

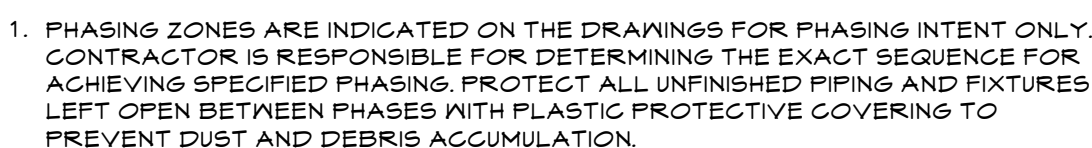


1
P.031
DEMOLITION DOMESTIC WATER RISER DIAGRAM
N.T.S.

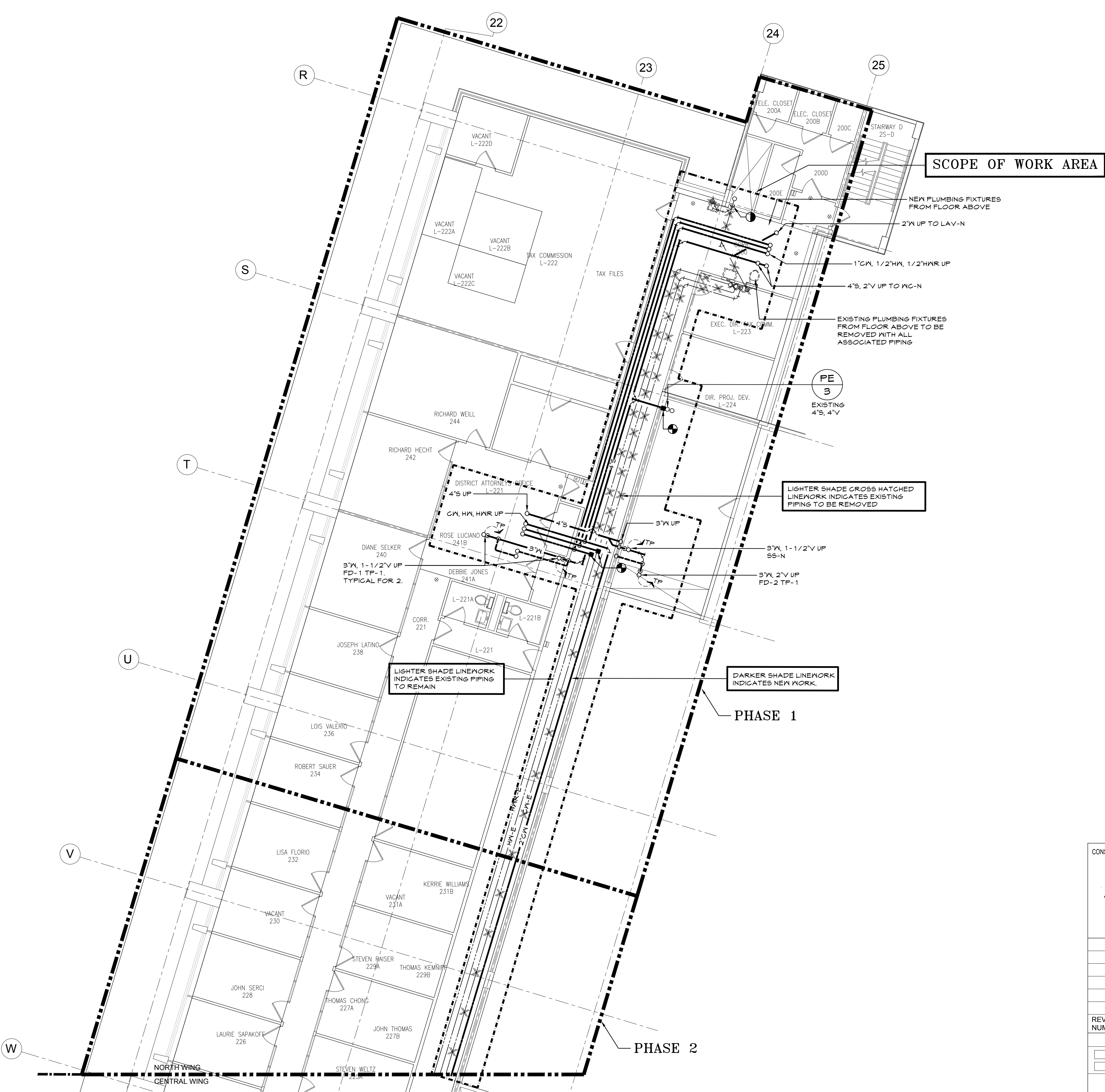
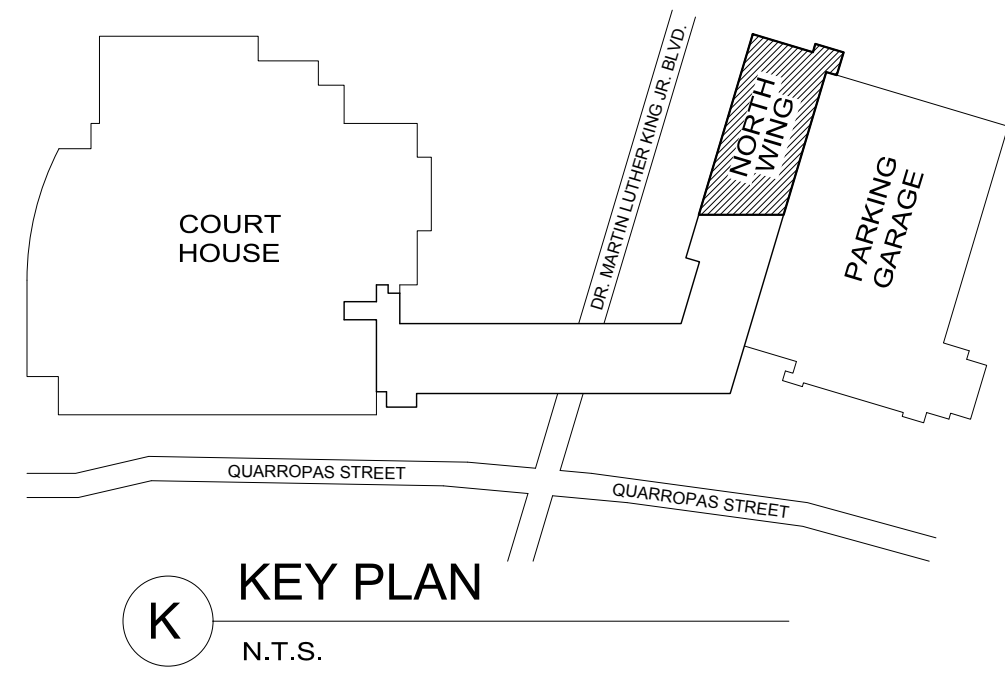
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DOMESTIC WATER RISER DIAGRAMS		REV NO. 0	



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1 PLUMBING PLAN - 2ND FLOOR NORTH WING
P.099 1/8"=1'-0"



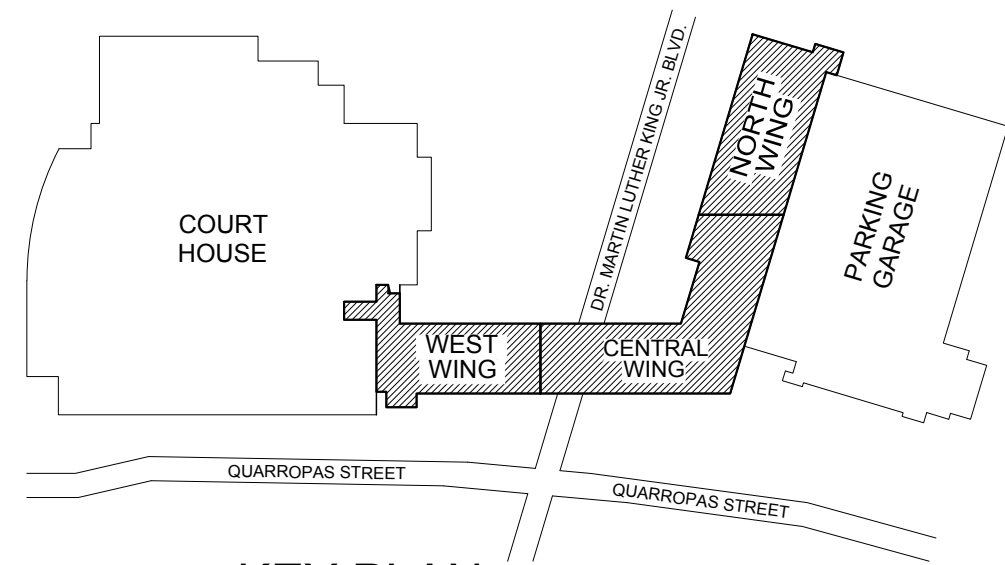
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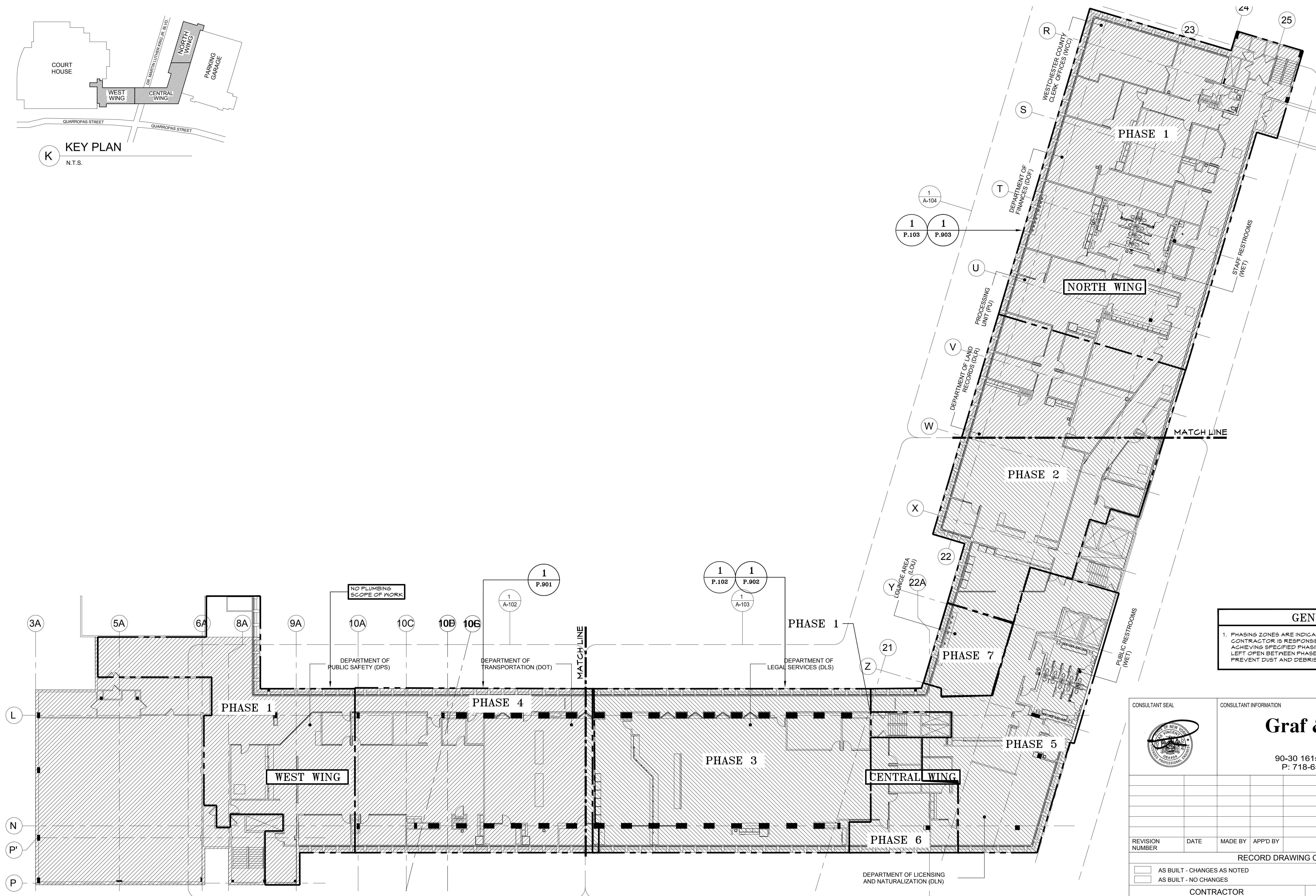
GENERAL NOTES

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110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DPW FILE NO. 52-01-P-573																															
WHITE PLAINS, NEW YORK 10601		REV NO. 0																															
PLUMBING PLAN - 2ND FLOOR NORTH WING																																	



K KEY PLAN
N.T.S.



GENERAL NOTES

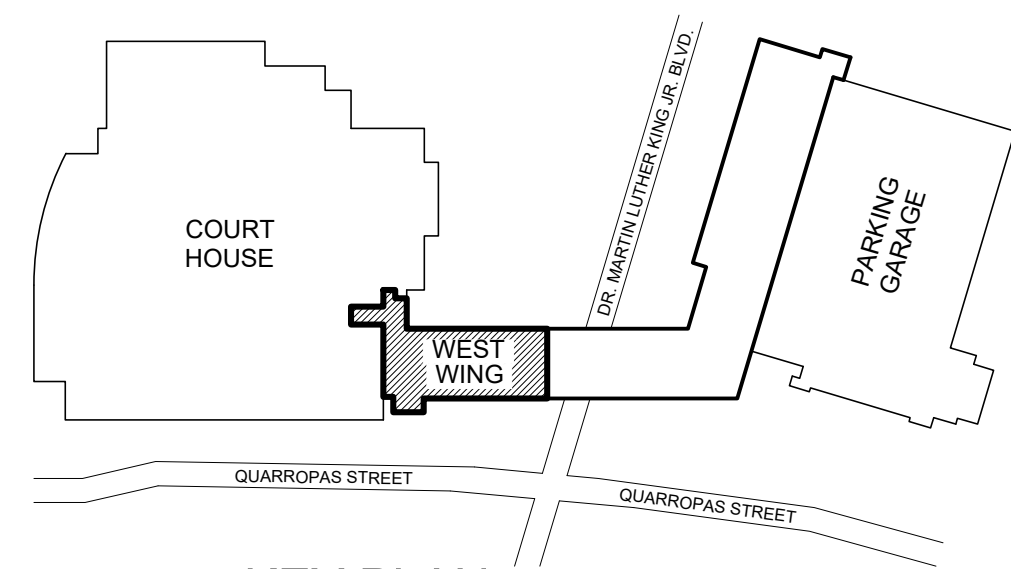
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1 PLUMBING PLAN - 3RD FLOOR OVERALL
1/8"=1'-0"

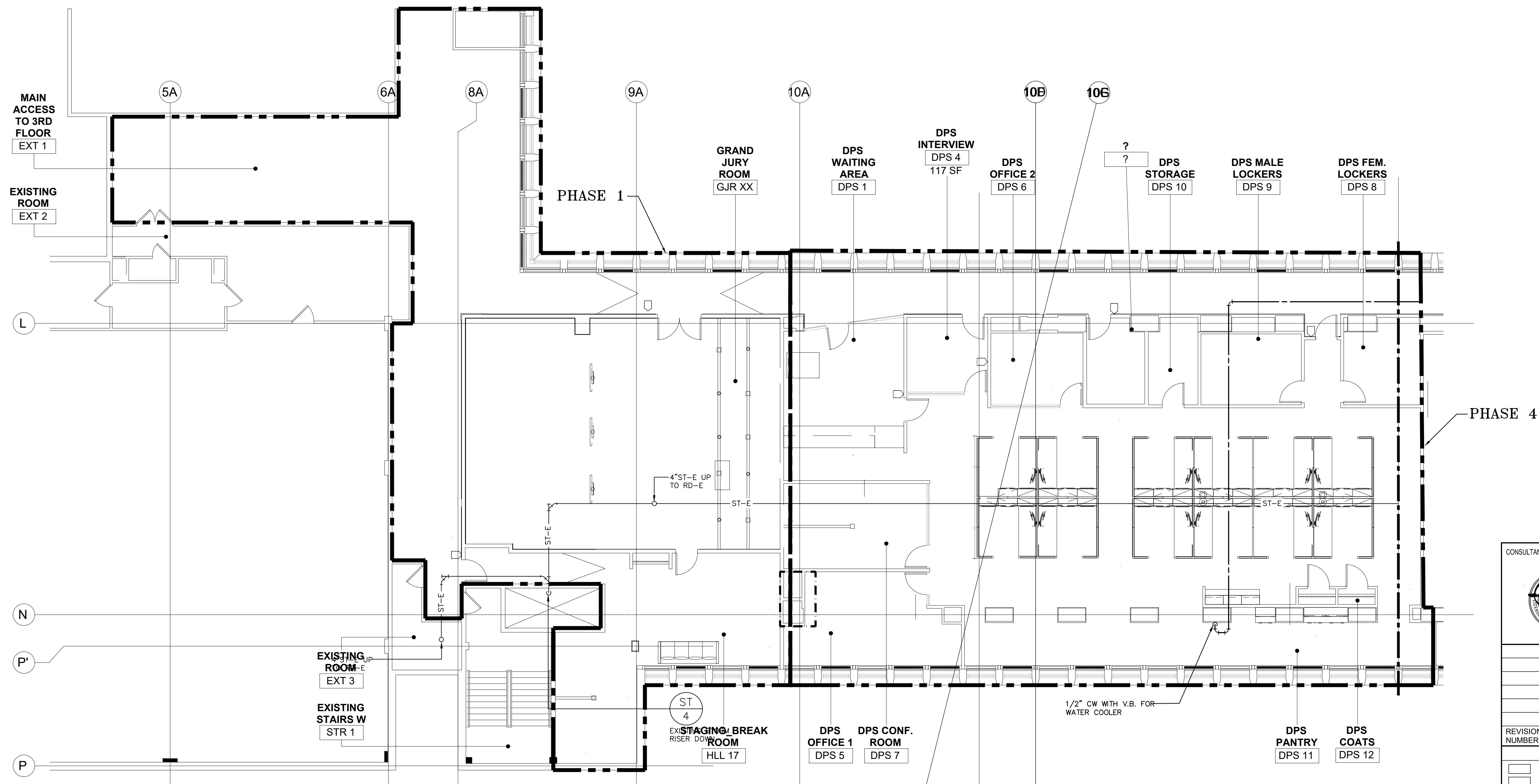
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DIVISION OF ENGINEERING		SHEET NUMBER P-100	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SHEET NO. 07 OF 13	
PLUMBING PLAN - 3RD FLOOR OVERALL		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-P-574	
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K KEY PLAN
N.T.S.



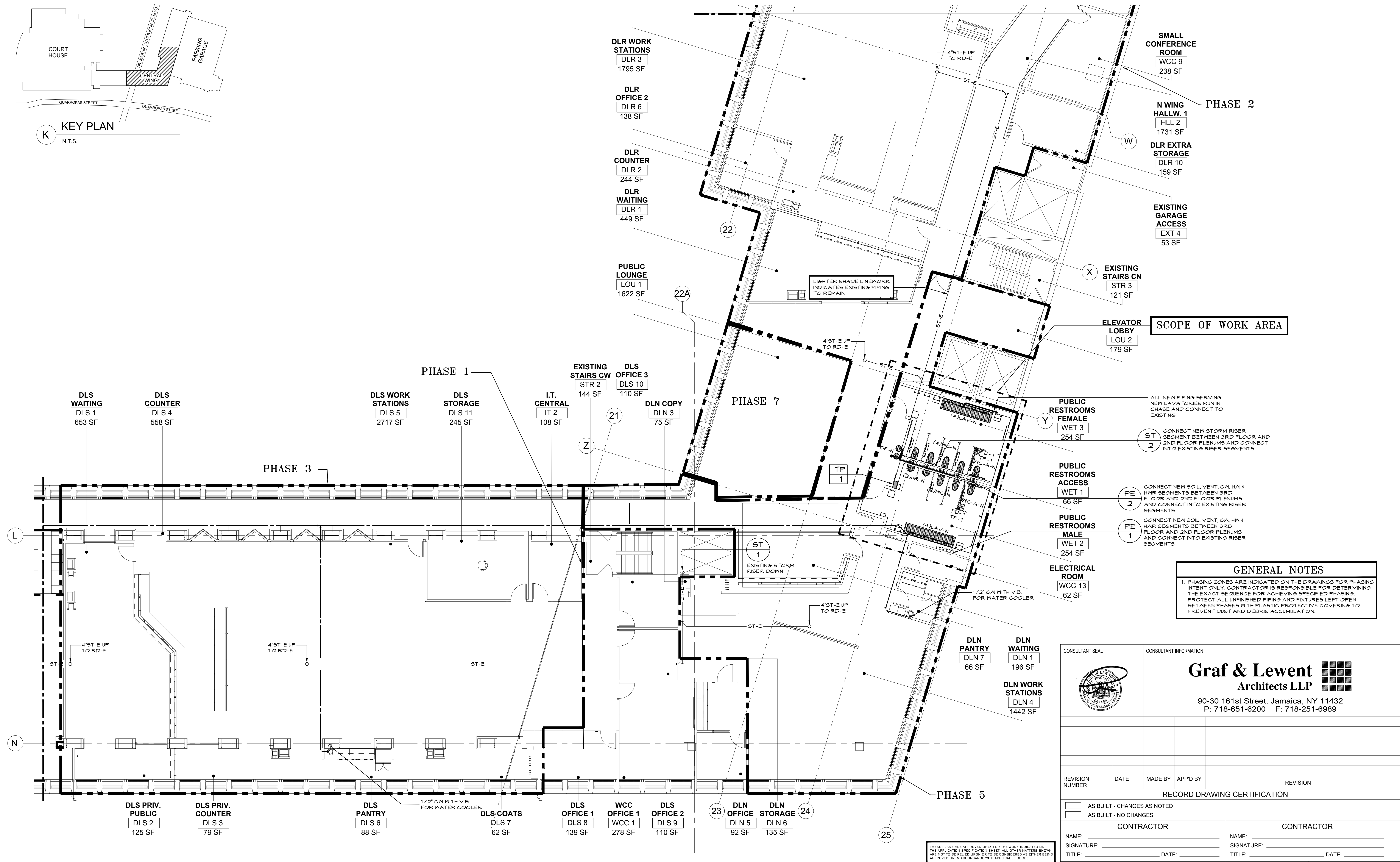
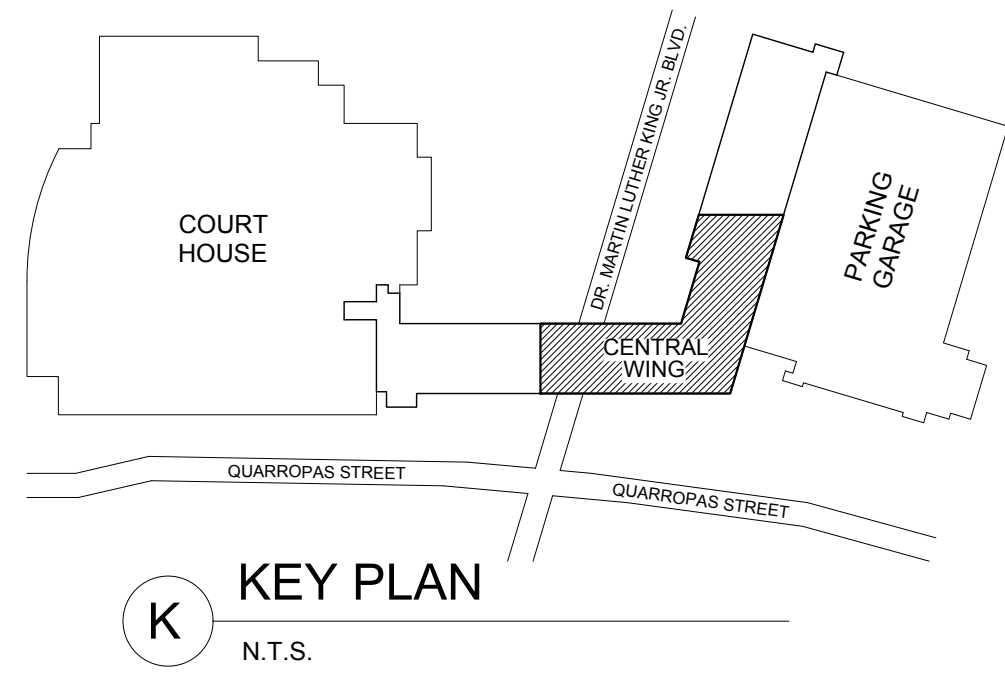
1 PLUMBING PLAN - 3RD FLOOR WEST WING
P.101 1/8"=1'-0"



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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER P-101
DIVISION OF ENGINEERING		SHEET NO. 08 OF 13	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-P-575	REV NO. 0
PLUMBING PLAN - 3RD FLOOR WEST WING			



GENERAL NOTES

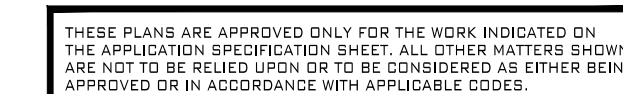
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1 PLUMBING PLAN - 3RD FLOOR CENTRAL WING

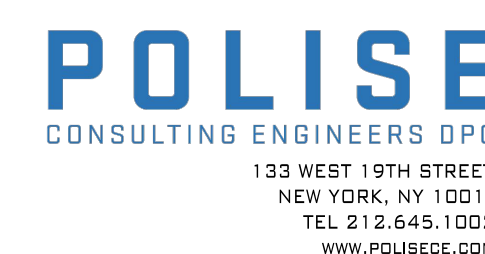
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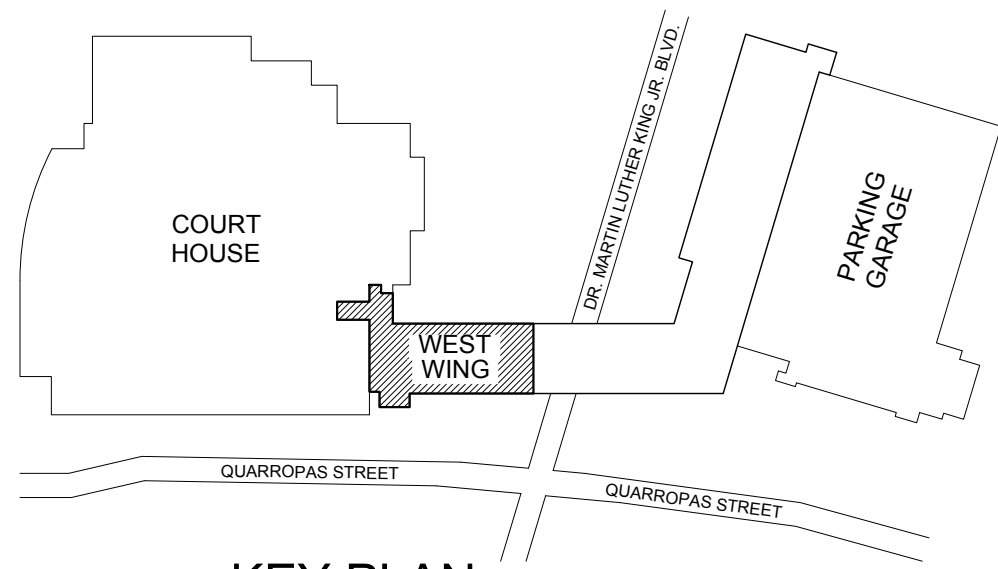


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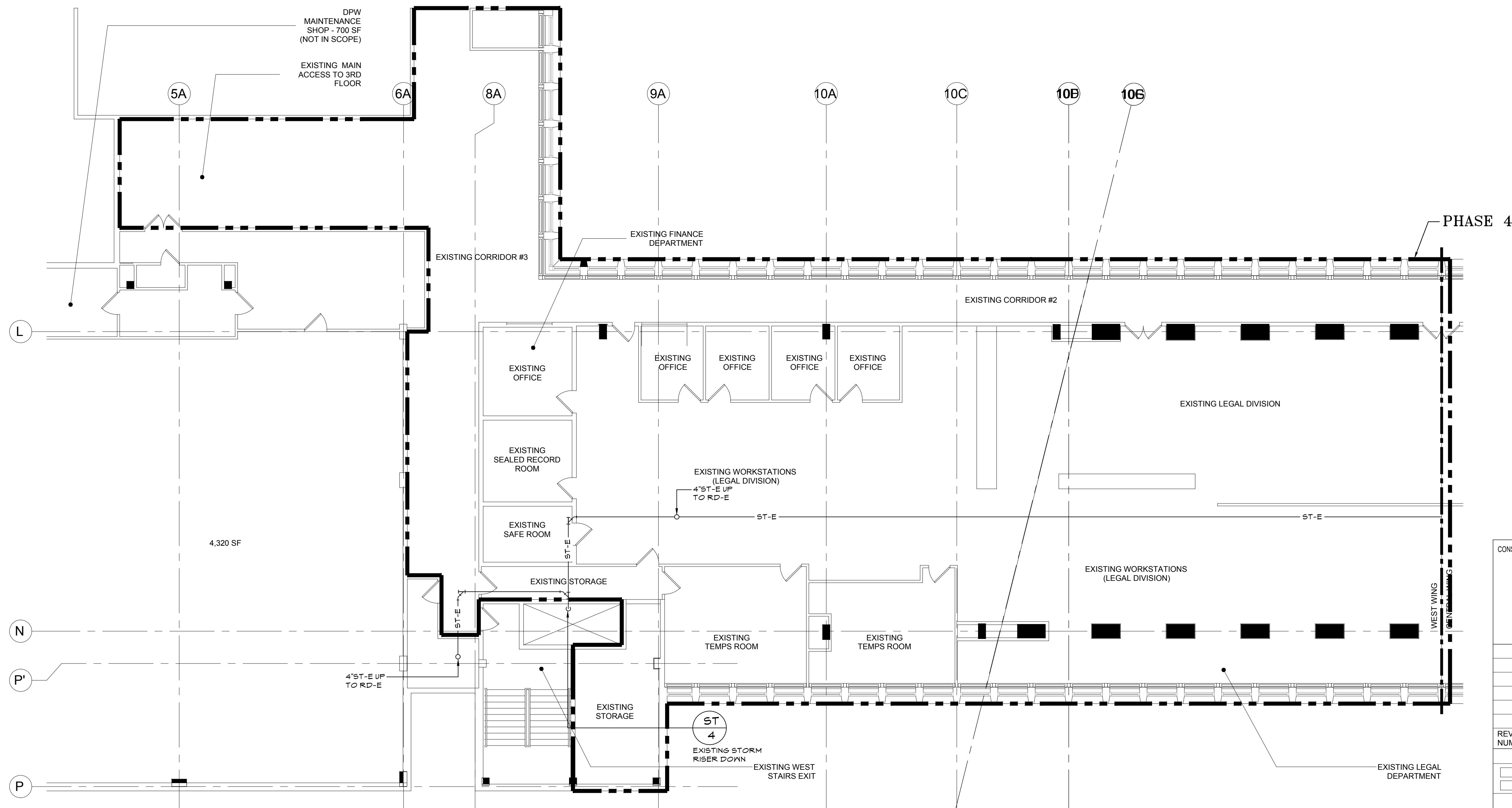


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CONSULTANT SEAL 	CONSULTANT INFORMATION <h2 style="text-align: center; margin: 0;">Graf & Lewent</h2> <p style="text-align: center; font-weight: bold; margin: 0;">Architects LLP</p> <p style="text-align: center; font-weight: bold; margin: 0;">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>									
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LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601										
PLUMBING PLAN - 3RD FLOOR NORTH WING										



K KEY PLAN
N.T.S.

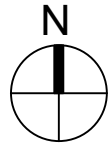


GENERAL NOTES

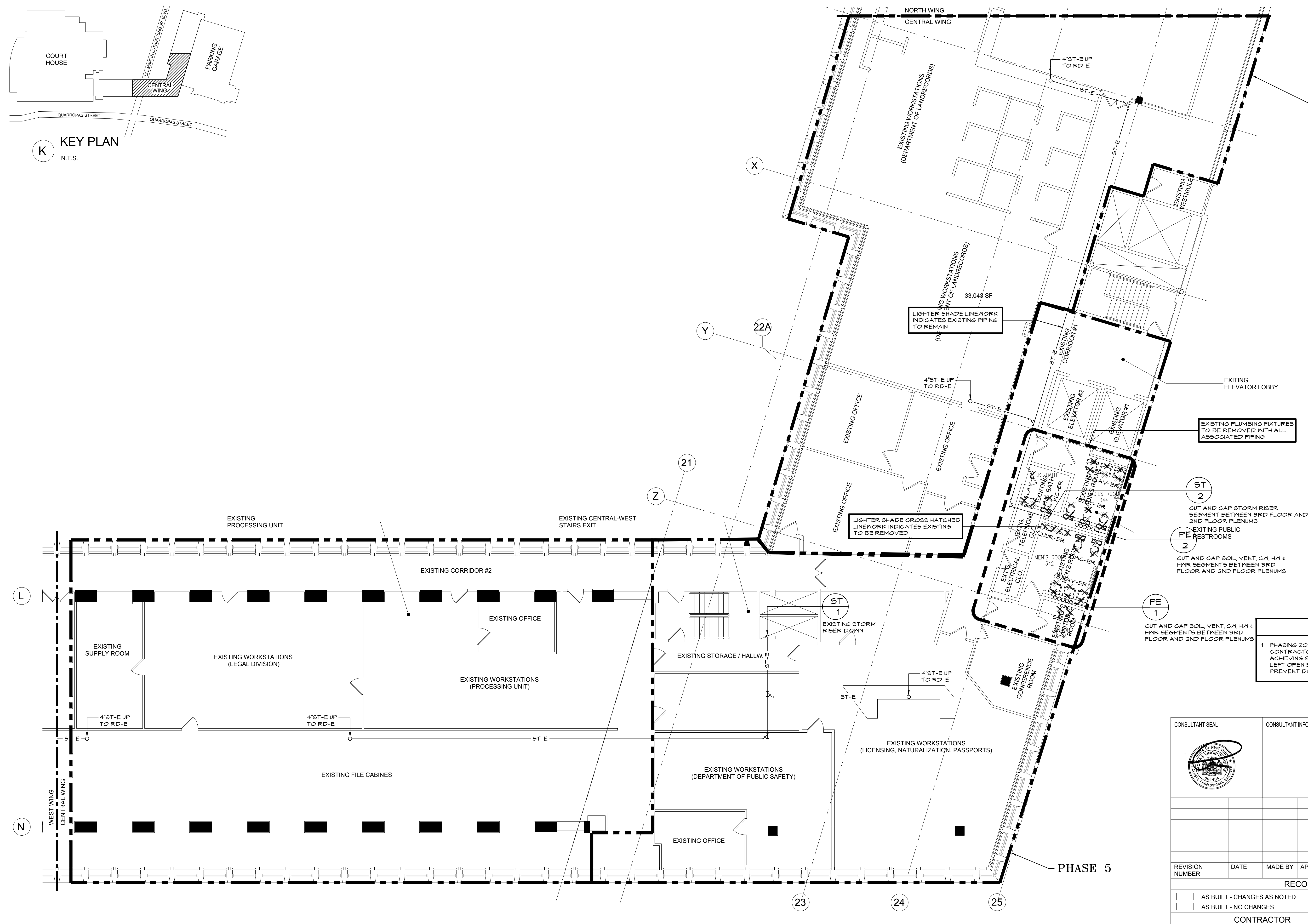
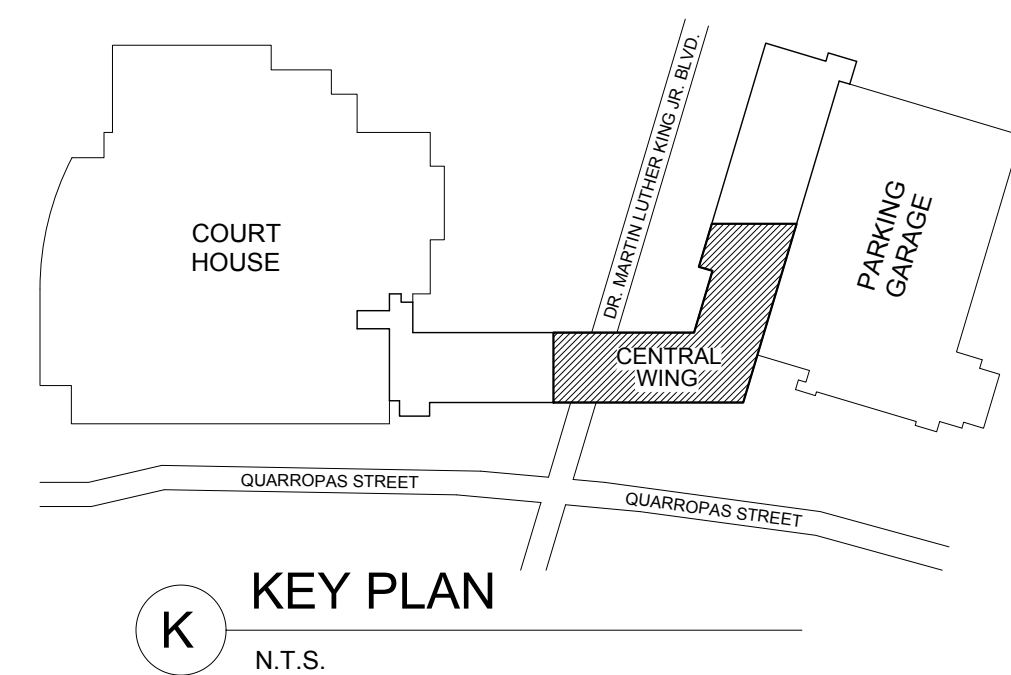
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DIVISION OF ENGINEERING		SHEET NO. 11 OF 13	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: MAY 20, 2021	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	
PLUMBING DEMOLITION PLAN - 3RD FLOOR WEST WING		52-01-P-578	
		REV NO. 0	

1 PLUMBING DEMOLITION PLAN - 3RD FLOOR WEST WING
P.901 1/8"=1'-0"



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PHASE 2

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1 PLUMBING DEMOLITION PLAN - 3RD FLOOR CENTRAL WING

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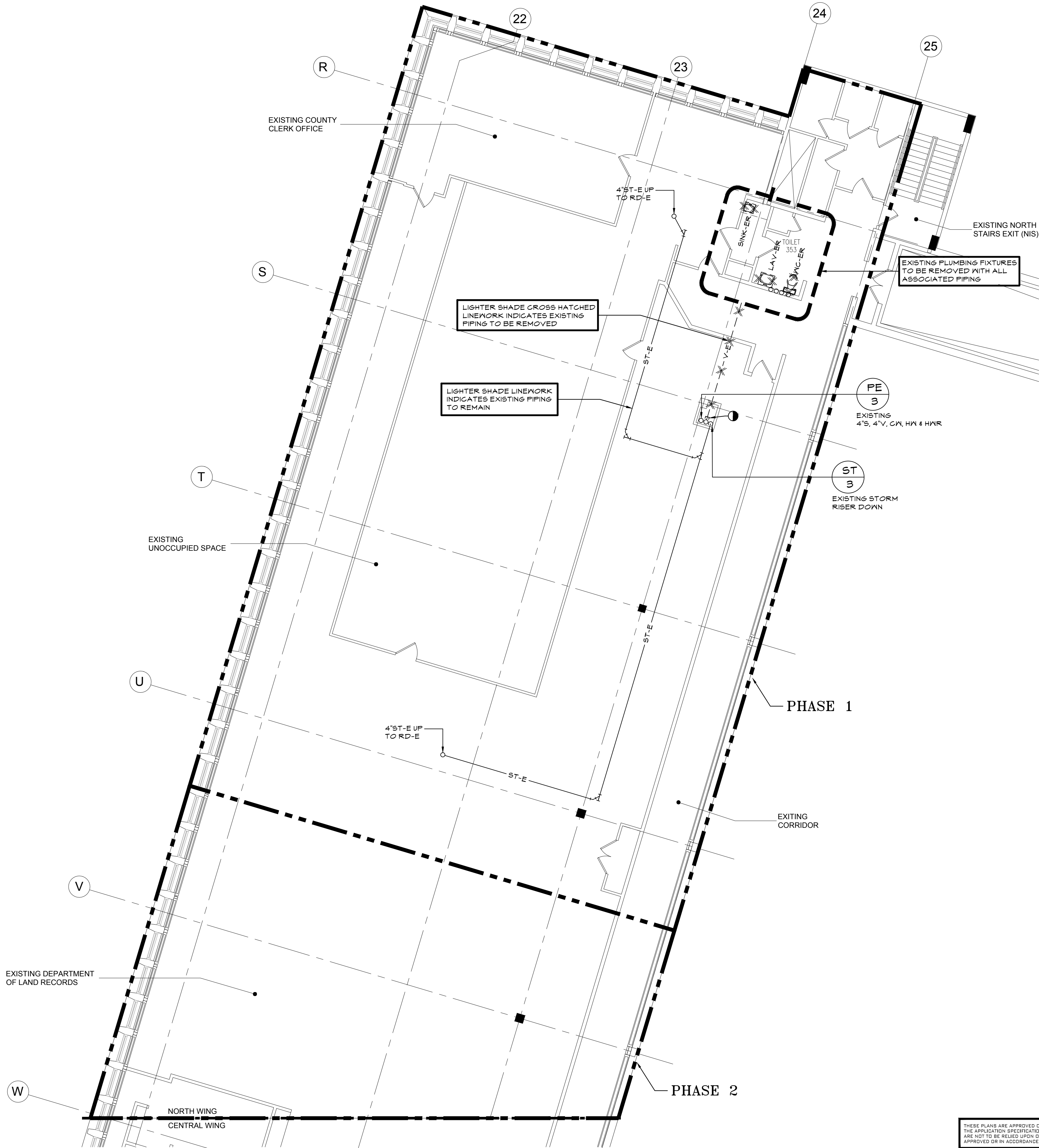
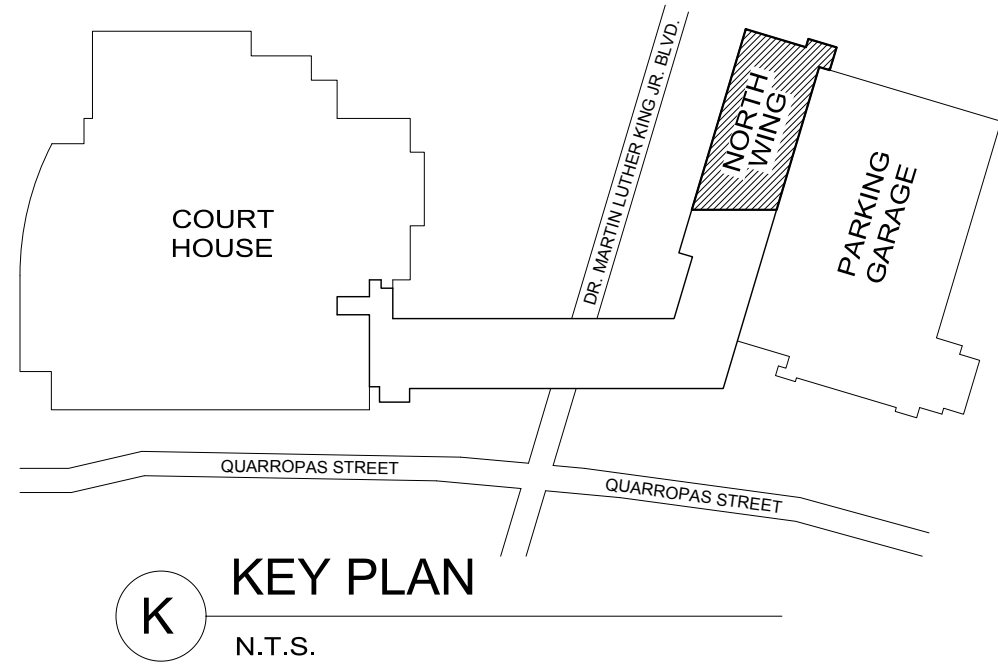
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LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENT
110 DR. MARTIN LUTHER KING, JR. BOULEVARD
WHITE PLAINS, NEW YORK 10601

PLUMBING DEMOLITION PLAN - 3RD FLOOR CENTRAL WING

CONTRACT NUMBER 19-514	SHEET NUMBER P-902
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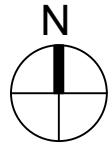


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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 13 OF 13	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: MAY 20, 2021	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	
PLUMBING DEMOLITION PLAN - 3RD FLOOR NORTH WING		52-01-P-580	
		REV NO. 0	

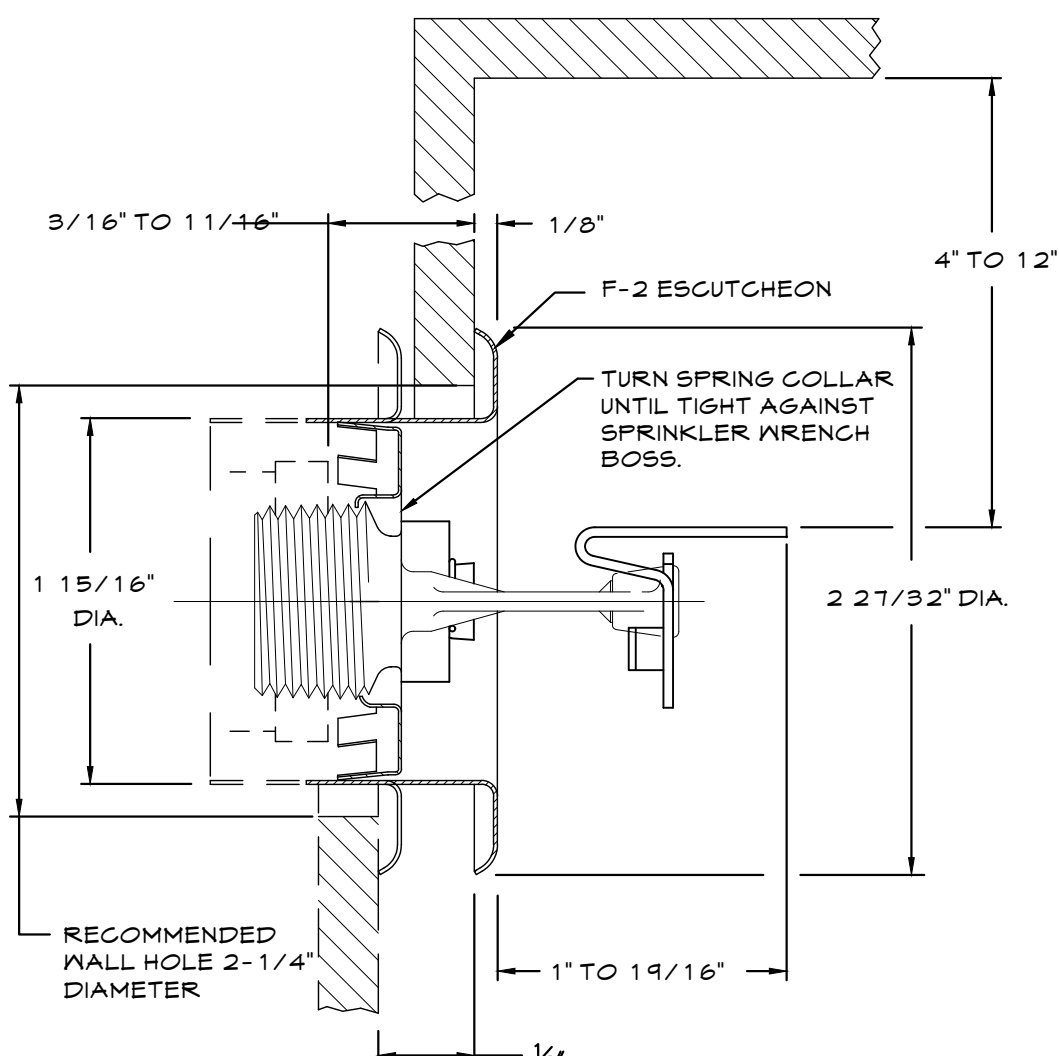
1 PLUMBING DEMOLITION PLAN - 3RD FLOOR NORTH WING
P.903 1/8"=1'-0"



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2 TYPICAL HANGER DETAIL



5 RELIABLE SIDEWALL SPRINKLER
FP.010 NTS



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. ACTUAL DESIGN OF SPRINKLER SYSTEM MUST BE DONE BY A PROFESSIONAL ENGINEER FOR EACH PROJECT.

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
ORDINARY HAZARD (MILLS, MANUFACTURING, PROCESSING, MACHINE SHOPS, REPAIR, GARAGES, POST OFFICES, BAKERIES, WOOD MACHINING AND ASSEMBLY, AUTO PARKING, ETC.,)	130 SF PER HEAD	15 FEET
EXTRA HAZARD (PLASTIC PROCESSING, CHEMICAL SPRAYING, METAL EXTRUDING, PRINTING, VARNISHING, PAINTING, ETC.,)	90-130 SF PER HEAD (BASED ON OBSTRUCTIONS AND FLOW CALCS)	12 FEET

MAXIMUM DISTANCE FROM WALL: HALF (½) OF THE MAXIMUM DISTANCE BETWEEN SPRINKLER HEADS.

MINIMUM DISTANCE BETWEEN SPRINKLERS: TYPICALLY 6'-0".

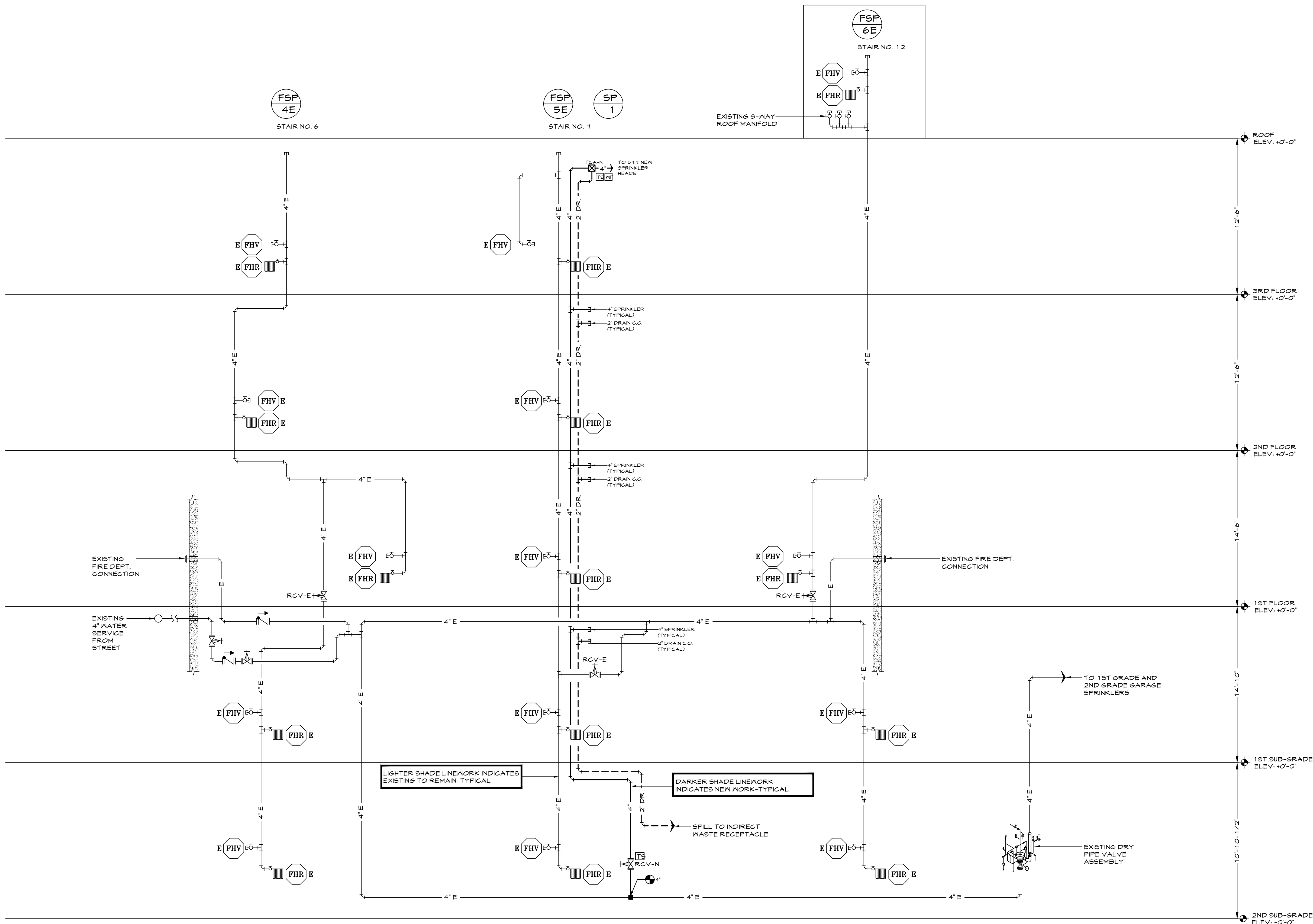
DISTANCE FROM CEILING: MINIMUM 1', MAXIMUM 12' FOR UNOBSTRUCTED CONSTRUCTION. THE MINIMUM 1' IS TYPICAL, HOWEVER, CONCEALED, RECESSED, AND FLUSH SPRINKLERS MAY BE MOUNTED LESS THAN 1' FROM THE CEILING AND SHALL BE INSTALLED BASED ON THEIR LISTING.

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.



CONSULTANT SEAL	CONSULTANT INFORMATION
 PROFESSIONAL ENGINEER LICENSE NO. 64464 MAY 2019	<h1>Graf & Lewent</h1> <h2>Architects LLP</h2> <p>90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p> <div style="background-color: black; width: 40px; height: 40px; margin-left: auto; margin-right: auto;"></div>
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION	
DIVISION OF ENGINEERING	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601	
SYMBOLS, ABBREVIATIONS, NOTES AND SCHEDULES	
CONTRACT NUMBER	SHEET NUMBER
19-514	FP-010
SHEET NO.	01 OF 07
SCALE: AS NOTED	
DATE: MAY 20, 2021	
DWP FILE NO.	REV NO.
52-01-SP-581	0

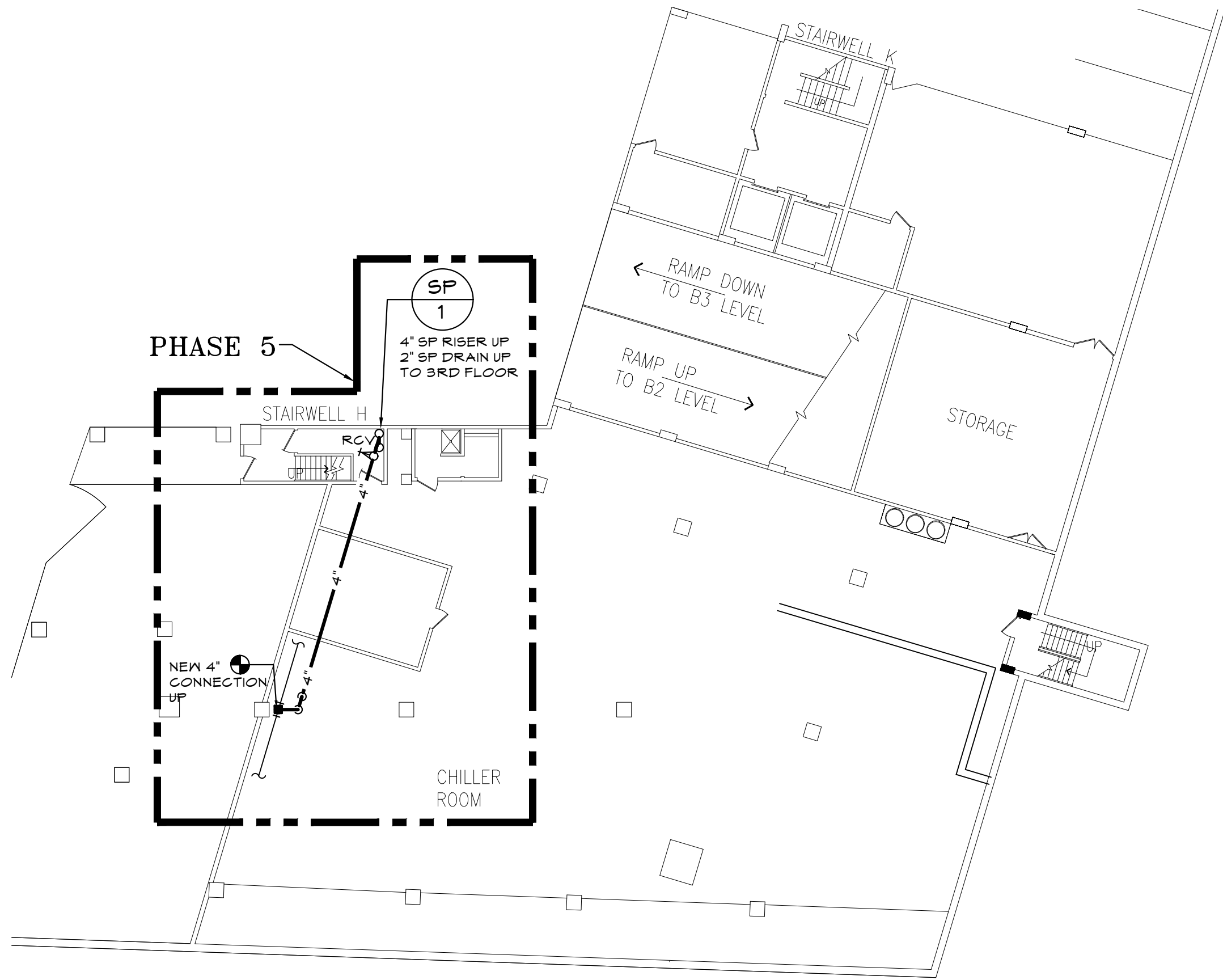
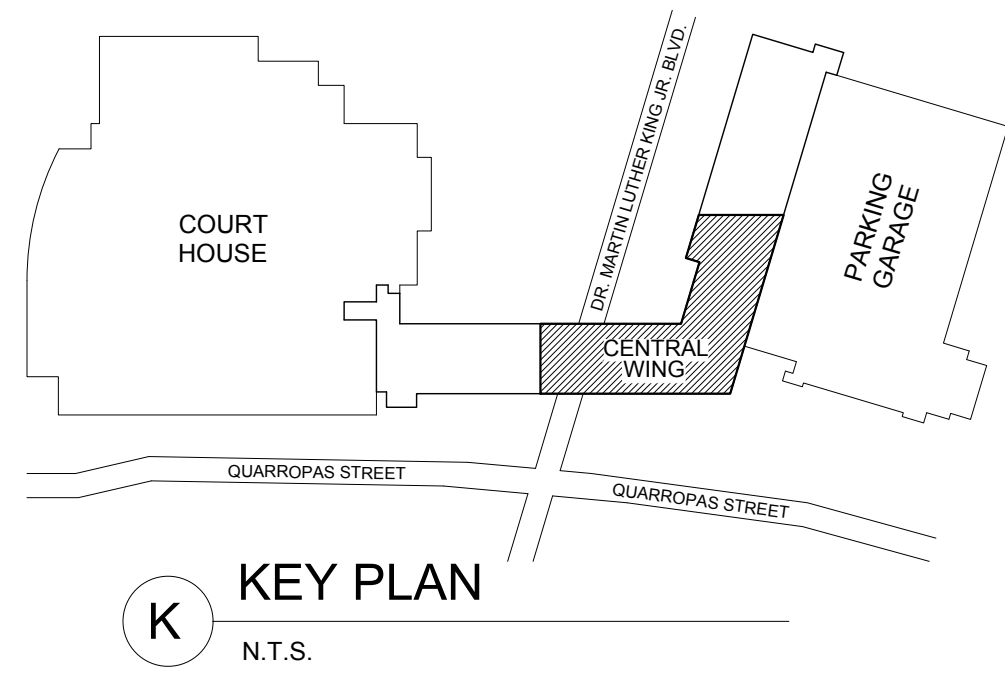


1 COMBINATION SPRINKLER/STANDPIPE RISER DIAGRAM
FP.030 N.T.S.

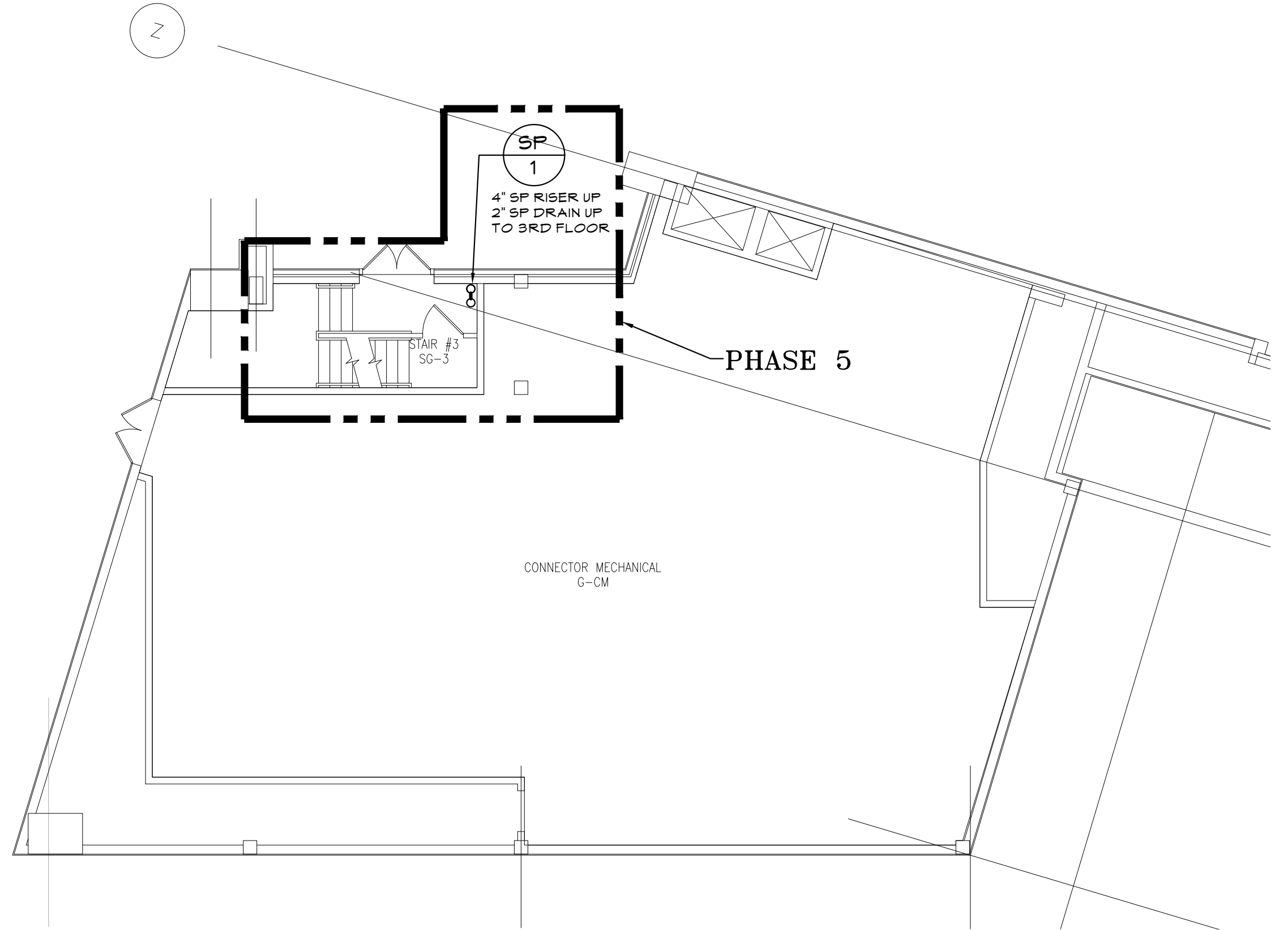
THESE PLANS ARE APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

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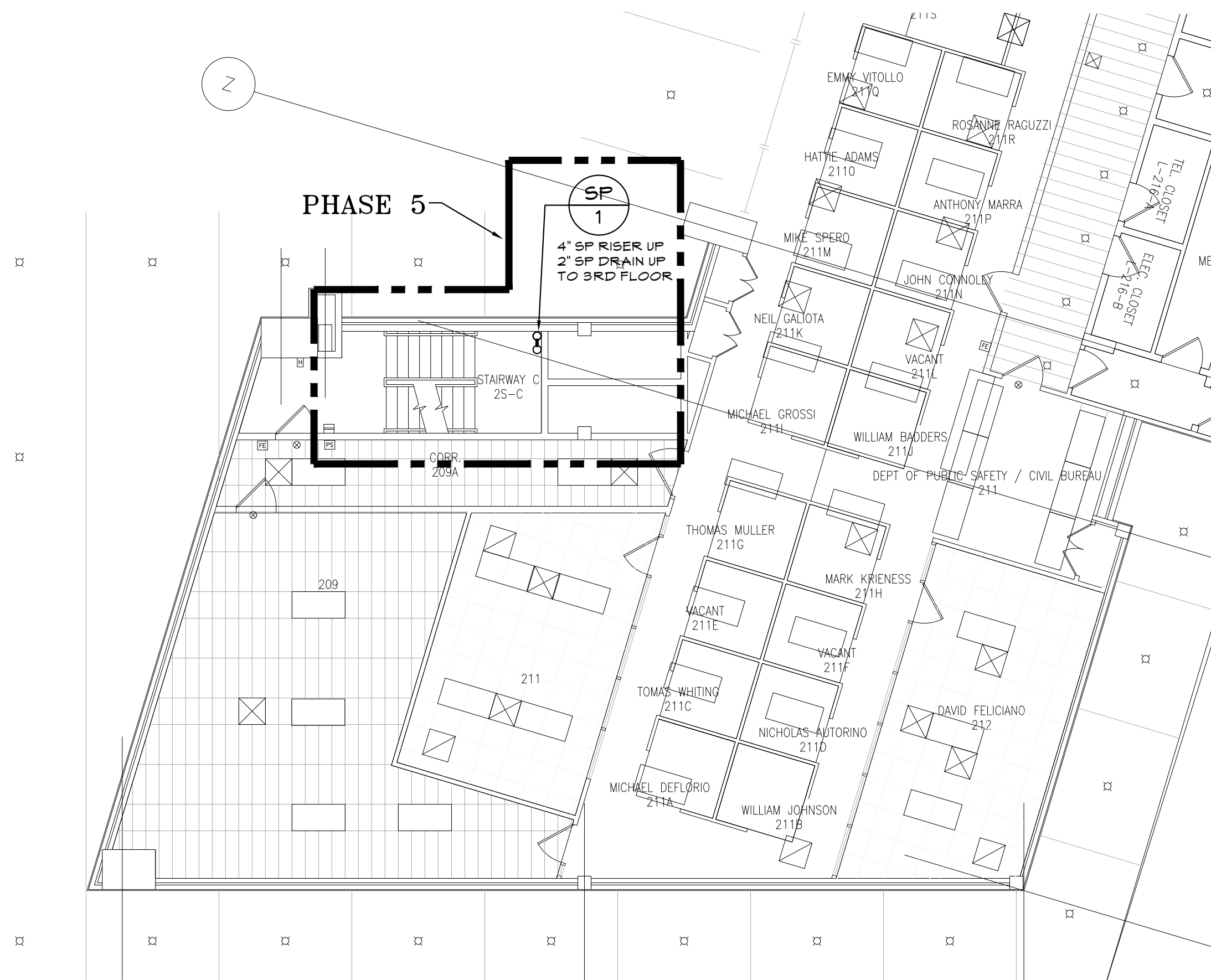
CONSULTANT SEAL		CONSULTANT INFORMATION	
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REVISION NUMBER	DATE	MADE BY	APP'D BY
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	
DIVISION OF ENGINEERING		SHEET NO. 02 OF 07	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-SP-582	
COMBINATION SPRINKLER/STANDPIPE RISER DIAGRAM		REV NO. 0	



1 2ND SUB-GRADE FIRE PROTECTION PART PLAN
FP.100 1/16"=1'-0"



2 1ST FLOOR FIRE PROTECTION PART PLAN
FP.100 1/16"=1'-0"



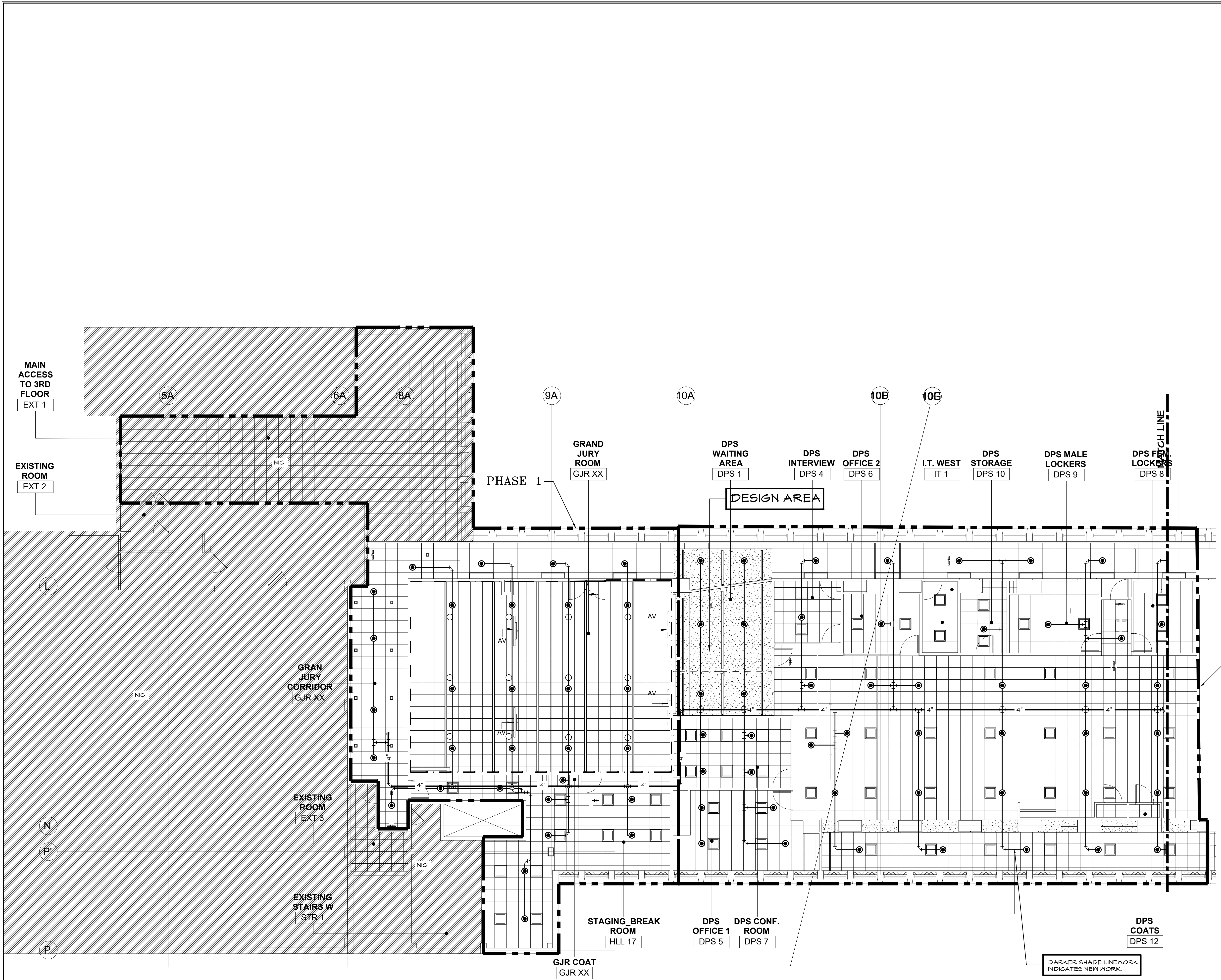
3 2ND FLOOR FIRE PROTECTION PART PLAN
FP.100 1/16"=1'-0"

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TITLE: _____		TITLE: _____	
DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	
DIVISION OF ENGINEERING		SHEET NO. 03 OF 07	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-SP-583	
2ND SUB-GRADE, 1ST, AND 2ND FLOOR FIRE PROTECTION PART PLANS		REV NO. 0	



GENERAL NOTES

1. PHASING ZONES ARE INDICATED ON THE DRAWINGS FOR PHASING INTENT ONLY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT SEQUENCE FOR ACHIEVING SPECIFIED PHASING. PROTECT ALL UNFINISHED PIPING AND FIXTURES LEFT OPEN BETWEEN PHASES WITH PLASTIC PROTECTIVE COVERING TO PREVENT DUST AND DEBRIS ACCUMULATION. PROVIDE TEMPORARY SPRINKLER COVERAGE AS REQUIRED TO PROTECT SPACES INTENDED TO BE OCCUPIED PRIOR TO COMPLETION OF SYSTEM TIE INS. EXISTING SPRINKLERS TO BE TURNED UPRIGHT TO PROVIDE TEMPORARY SPRINKLER COVERAGE SYSTEMS IN PHASES 1, 2, 3, AND 4 WILL NOT BE ABLE TO BE OPERATIONAL UNTIL COMPLETION OF PHASE 5 WITH INSTALLATION OF NEW RISER AND FGA.

DESIGN CRITERIA	
OCCUPANCY CLASSIFICATION:	LIGHT HAZARD
AREA OF APPLICATION:	1401 SQ FEET
MAXIMUM COVERAGE PER SPRINKLER:	225 SQ FEET
DESIGN DENSITY:	0.1 GPM/SQFT
MAXIMUM SPACING BETWEEN SPRINKLERS:	15'-0" MAXIMUM
SPRINKLER HEAD K FACTOR:	5.6
TEMPERATURE CLASSIFICATION:	155 DEGREES F
DISTANCE BETWEEN SPRINKLERS & WALL:	1/2 OF ALLOWABLE DISTANCE BETWEEN SPRINKLERS

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

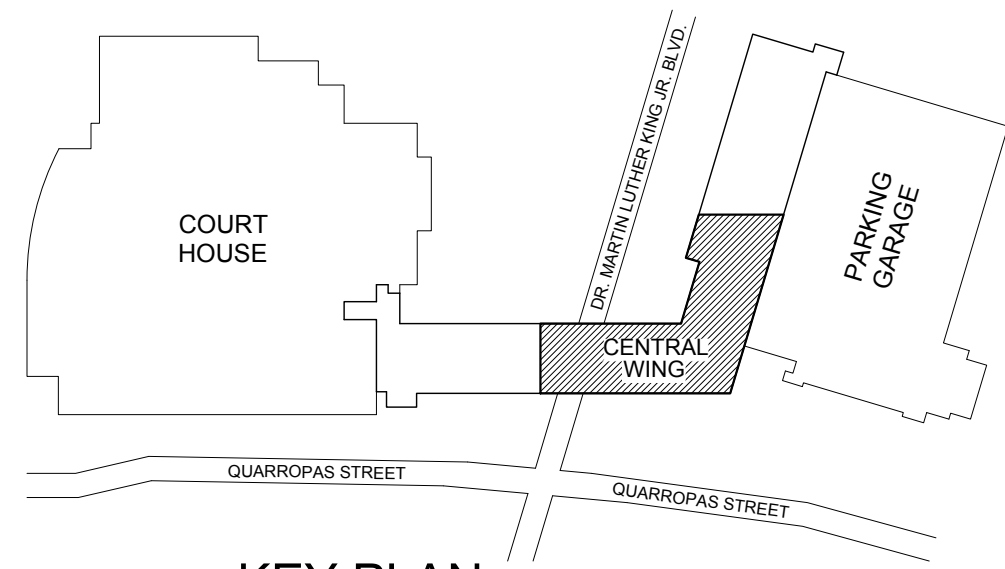
1 STANDPIPE AND SPRINKLER PLAN - 3RD FLOOR WEST WING
FP.101 1/8"=1'-0"



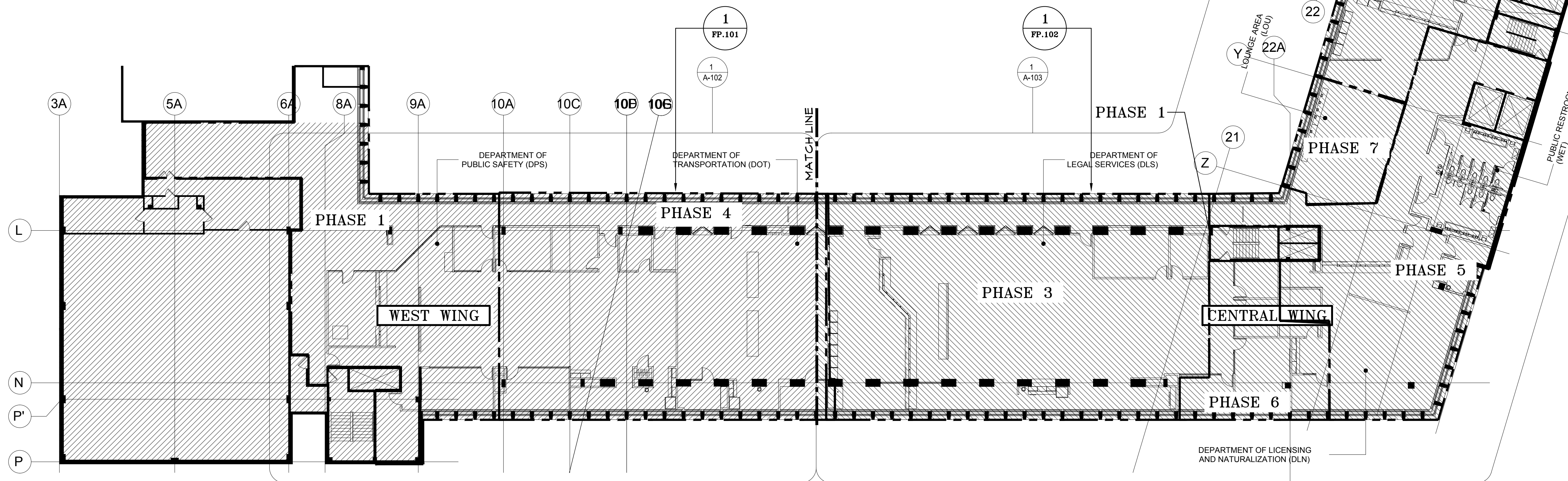
THESE PLANS ARE APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	
DIVISION OF ENGINEERING		SHEET NUMBER FP-101	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021	
STANDPIPE AND SPRINKLER PLAN - 3RD FLOOR WEST WING		DPW FILE NO. 52-01-SP-584	
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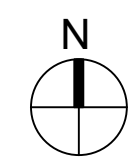


K
KEY PLAN
N.T.S.



1
3RD FLOOR OVERALL FIRE PROTECTION PLAN
1/16"=1'-0"

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GENERAL NOTES
1. REFER TO ARCHITECTURAL DRAWINGS A-001, A-002 AND A-003 FOR PROJECT PHASING INTENT.

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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	
DIVISION OF ENGINEERING		SHEET NUMBER FP-101A	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-SP-585	
2ND SUB-GRADE FIRE PROTECTION PART PLAN		REV NO. 0	

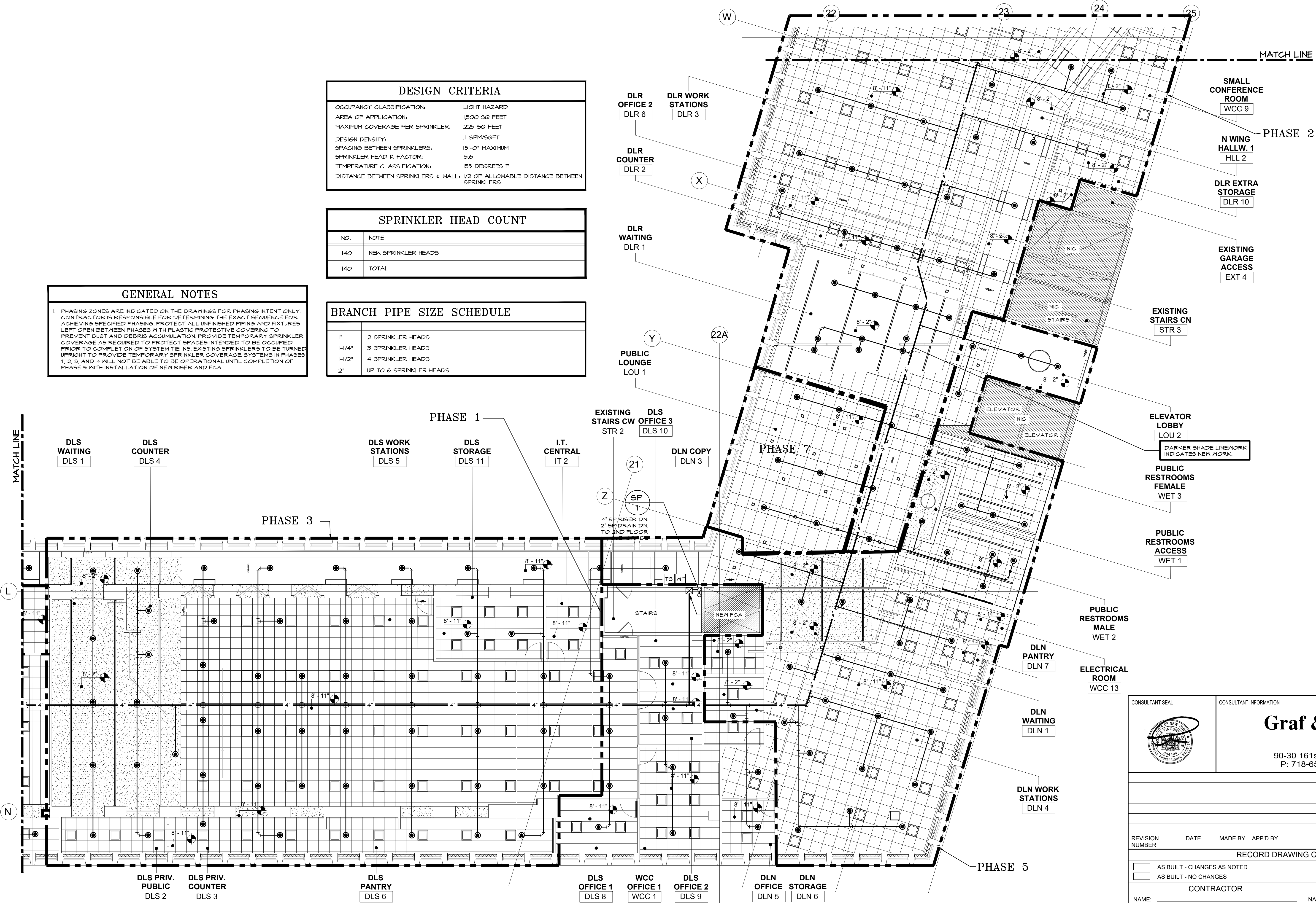
DESIGN CRITERIA	
OCCUPANCY CLASSIFICATION:	LIGHT HAZARD
AREA OF APPLICATION:	1500 SQ FEET
MAXIMUM COVERAGE PER SPRINKLER:	225 SQ FEET
DESIGN DENSITY:	1 GPM/SQFT
SPACING BETWEEN SPRINKLERS:	15'-0" MAXIMUM
SPRINKLER HEAD K FACTOR:	5.6
TEMPERATURE CLASSIFICATION:	155 DEGREES F
DISTANCE BETWEEN SPRINKLERS & WALL:	1/2 OF ALLOWABLE DISTANCE BETWEEN SPRINKLERS

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

GENERAL NOTES

1. PHASING ZONES ARE INDICATED ON THE DRAWINGS FOR PHASING INTENT ONLY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT SEQUENCE FOR ACHIEVING SPECIFIED PHASING. PROTECT ALL UNFINISHED PIPING AND FIXTURES LEFT OPEN BETWEEN PHASES WITH PLASTIC PROTECTIVE COVERING TO PREVENT DUST AND DEBRIS ACCUMULATION. PROVIDE TEMPORARY SPRINKLER COVERAGE AS REQUIRED TO PROTECT SPACES INTENDED TO BE OCCUPIED PRIOR TO COMPLETION OF SYSTEM TIE INS. EXISTING SPRINKLERS TO BE TURNED UPRIGHT TO PROVIDE TEMPORARY SPRINKLER COVERAGE. SYSTEMS IN PHASES 1, 2, 3, AND 4 WILL NOT BE ABLE TO BE OPERATIONAL UNTIL COMPLETION OF PHASE 5 WITH INSTALLATION OF NEW RISER AND FCA.

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

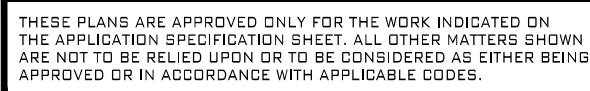


1 STANDPIPE AND SPRINKLER PLAN - 3RD FLOOR CENTRAL WING
PP-102 1/8"=1'-0"

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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER 19-514																										
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		SHEET NUMBER PP-102																										
DIVISION OF ENGINEERING		SHEET NO. 06 OF 07																										
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: AS NOTED																										
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: MAY 20, 2021																										
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.																										
STANDPIPE AND SPRINKLER PLAN - 3RD FLOOR CENTRAL WING		REV NO. 0																										
52-01-SP-586																												



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











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OCCUPANCY CLASSIFICATION:	LIGHT HAZARD
AREA OF APPLICATION:	1,500 SQ FEET
MAXIMUM COVERAGE PER SPRINKLER:	225 SQ FEET
DESIGN DENSITY:	1.6PM/SQFT
SPACING BETWEEN SPRINKLERS:	15'-0" MAXIMUM
SPRINKLER HEAD K FACTOR:	5.6
TEMPERATURE CLASSIFICATION:	155 DEGREES F
DISTANCE BETWEEN SPRINKLERS & WALL:	1/2 OF ALLOWABLE DISTANCE BETWEEN SPRINKLERS


NO.	NOTE
100	NEW SPRINKLER HEADS
100	TOTAL

1"	2 SPRINKLER HEADS
1-1/4"	3 SPRINKLER HEADS
1-1/2"	4 SPRINKLER HEADS
2"	UP TO 6 SPRINKLER HEADS

CONSULTANT SEAL		CONSULTANT INFORMATION	
		<div>Graf & Lewent Architects LLP</div> <div>90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</div>	
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CONTRACTOR		CONTRACTOR	
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TITLE: _____ DATE: _____		TITLE: _____ DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 19-514	SHEET NUMBER FP-103
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SHEET NO. 07 OF 07	
STANDPIPE AND SPRINKLER PLAN - 3RD FLOOR NORTH WING		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-SP-587	
		REV NO.	

<h1 style="text-align: center;">SYMBOL LIST</h1> <p style="text-align: center;">(SEE SPECIFICATIONS FOR MANUFACTURER/MODEL # U.O.N.)</p>		
<h2 style="text-align: center;">OUTLETS</h2>		
DEVICE	DESCRIPTION	NOTES/ CONDUIT ROUTING
	WALL DUPLEX RECEPTACLE	"R" INDICATES RELOCATED DEVICE TO BE REPLACED WITH NEW DEVICE AND WALL PLATE (BACKBOX/WIRING RELOCATED)
	GFI TYPE RECEPTACLE	"F" INDICATES DEVICE IS INSTALLED IN FURNITURE SYSTEM
	WALL FOURPLEX RECEPTACLE	"M" INDICATES DEVICE IS INSTALLED IN MILLWORK
	WALL SIMPLEX RECEPTACLE	NEMA 5-20R UNLESS OTHERWISE NOTED
	FURNITURE MOUNTED DUPLEX RECEPTACLE	FURNITURE SYSTEM DEVICES TO BE FURNISHED BY SYSTEM MANUFACTURER
	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 1/2" X 4-1 1/2" X 2-1/2" DEEP BACK BOX WITH SINGLE GANG COVER PLATE NO BACK BOX IF INDICATED AS INSTALLED IN WIREWAY 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. PC/CONV: INDICATES QUAD RECEPTACLE WITH (1) DUPLEX PC RECEPTACLE AND (1) DUPLEX CONVENIENCE RECEPTACLE.
	POWER FEEDS SERVING FURNITURE AND NMHP TO FURNITURE SYSTEM	1" CONDUIT FOR POWER. 1-1/4" CONDUIT FOR LOW VOLTAGE CHOPPED IN FLOOR TO FLOOR BOX. PROVIDE FLEXIBLE METAL CONDUIT FOR FURNITURE FEED NMHP
	CARD READER	EXTEND 1-1/4" EC FROM DEVICE TO IT ROOM SERVING SPACE. (SPECIFIED BY OTHERS). PROVIDE JUNCTION BOX FOR CAMERA. LOCATE 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	KLO	KILOWATT
AD	ACCESS DOOR	KLO/H	KILOWATT-HOURS
ADD	ABOVE FINISHED FLOOR	LT	LIGHTING
ALF	AUTOMATIC LOUVER DAMPER	LNS	LINE VOLTAGE
AUTO	AUTOMATIC	LON	LOW VOLTAGE
B	B WITH BYPASS	LGB	MAIN CIRCUIT BREAKER
BLDG	BUILDING	MCG	MOTOR CONTROL CENTER
BMS	BUILDING MANAGEMENT SYSTEM	MCM	THOUSAND CIRCULAR MILLS
BT	BOLT-TIGHT PRESSURE SWITCH	MCH	MISCELLANEOUS
C	C CONDUIT	MISG	MISCELLANEOUS
CKT	CIRCUIT	MLO.	MAIN LUGS ONLY
CLK	CLOCK	N	NEUTRAL
CM	CIRCULAR MIL	N/C	NORMALLY CLOSED
CLG	CEILING	NEG	NATIONAL ELECTRIC CODE
CO	COMPANY	NEMA	NATIONAL ELECTRICAL
CONV	CONVENIENCE		MANUFACTURERS ASSOC.
CR	CARD READER	NIC	NOT IN CONTRACT
CT	CURRENT TRANSFORMER	NL/EMB	FIXTURE WITH BATTERY PACK
CUB	CUBIC		ON NIGHT LIGHTING CIRCUIT
DB	DISTRIBUTION BOARD	NL/EM	NIGHT LIGHT FIXTURE
DF	DRINKING FOUNTAIN		WIRED TO EMERGENCY POWER
DIA	DIAMETER	NL	ON NIGHT LIGHTING CIRC.
DP	DISTRIBUTION PANEL	N/O	NORMALLY OPEN
DS	PROPRIETARY TO DIMMING SYSTEM	POLES	POLAR
	DRAWING	PC	PULL BOX
EA	EACH	PH	PHASE
EC	EMPTY CONDUIT	PL	PILLOT LIGHT
ELEC	ELECTRICAL	PLBG	PLUMBING
ELEV	ELEVATOR	PNL	PANEL
EM	FIXTURE WIRED TO EMERGENCY POWER	PKT	POKE THRU
	FIXTURE WITH 90 MIN. BATTERY PACK	RC	RELOCATED
EMB	EXPLOSION PROOF	RD	ROLL UP DOOR
EX	EXISTING	RF	RAISED FLOOR
F	INDICATES INTEGRAL FURNITURE SYSTEM	SPECS	SPECIFICATIONS
	FIRE ALARM	SPKLR	SPRINKLER
FA	FIRE ALARM	SPK	SPEAKER
FB	FLOOR BOX	STD	STANDARD
FCC	FIRE COMMAND CENTER	SWB	SWITCHBOARD
FT	FEET	TFMR	TRANSFORMER
GFI	GROUND FAULT INTERRUPTING	TV	TELEVISION
G	GROUND	TYP	TYPICAL
HC	HUNG CEILING	UPD	UNDERFLOOR DUCT
HTR	HOT WATER HEATER	U	UNFUSED
HTG	HEATING	U/ON	UNLESS OTHERWISE NOTED
HVAC	HEATING, VENTILATING	V	VOLTS
	AND COOLING	V	VAPOR PROOF
IS	ISOLATED GROUND	W	WIRE
IN	INCHES	WP	WEATHER PROOF
JB	JUNCTION BOX	WT	WIRE TROUGH
		W	WIRELESS





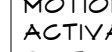













"TP" LIGHTING FIXTURE SCHEDULE							
TYPE	DESCRIPTION	VOLTS	LAMP DATA			MANUFACTURER & MODEL NO.	REMARKS
			NO. OF LAMPS	WATTS EACH	TYPE		
 TP-A	GASKETED, FLUORESCENT CEILING/MALL MOUNTED W/P. FIXTURE	120	1	26W	LED	RAB LIGHTING MALL: VXR1F113-3/4 CEILING: VX1F113S-3/4	WITH GLASS GLOBE, WIRE GUARD, JUNCTION BOX
ABOVE FIXTURE IN AREAS INDICATED ON PLAN ONLY-SEE LIGHTING FIXTURE SPECIFICATIONS PROVIDED BY LIGHTING CONSULTANT FOR ALL OTHER AREAS.							

SYMBOL LIST		
BOXES, EQUIPMENT, & RACEWAYS		
DEVICE	DESCRIPTION	NOTES/ CONDUIT ROUTING
	SURFACE MOUNTED WIREWAY	ALUMINUM WIREWAY WITH SEPARATE LOW AND LIVE VOLTAGE SECTIONS
	"#\" 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 (U) SPECIAL (WP, 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 REQUIRED IN PANEL 3 WIRE PER CIRCUIT UNLESS OTHER WISE NOTED (1H, 1N, 1G).	XY INDICATES CIRCUIT WIRED TO ASSOCIATED RECEPTACLE IN WIREWAY OR FURNITURE SYSTEM. SINGLE ARROW CIRCUIT TO BE WIRED TO A SINGLE POLE 20A CIRCUIT BREAKER WITH 2" 12-G UNLESS OTHERWISE NOTED.
	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 G	3 # 12 + #12 G	4 # 12 + #12 G
20A	2 # 12 + #12 G	3 # 12 + #12 G	4 # 12 + #12 G
30A	2 # 10 + #10 G	3 # 10 + #10 G	4 # 10 + #10 G
40A	2 # 8 + #10 G	3 # 8 + #10 G	4 # 8-1 ¹ / ₂ + #10 G
50A	2 # 6-1 ¹ / ₂ + #10 G	3 # 6-1 ¹ / ₂ + #10 G	4 # 6-1 ¹ / ₂ + #10 G
60A	2 # 4-1 ¹ / ₂ + #10 G	3 # 6-1 ¹ / ₂ + #10 G	4 # 6-1 ¹ / ₂ + #10 G

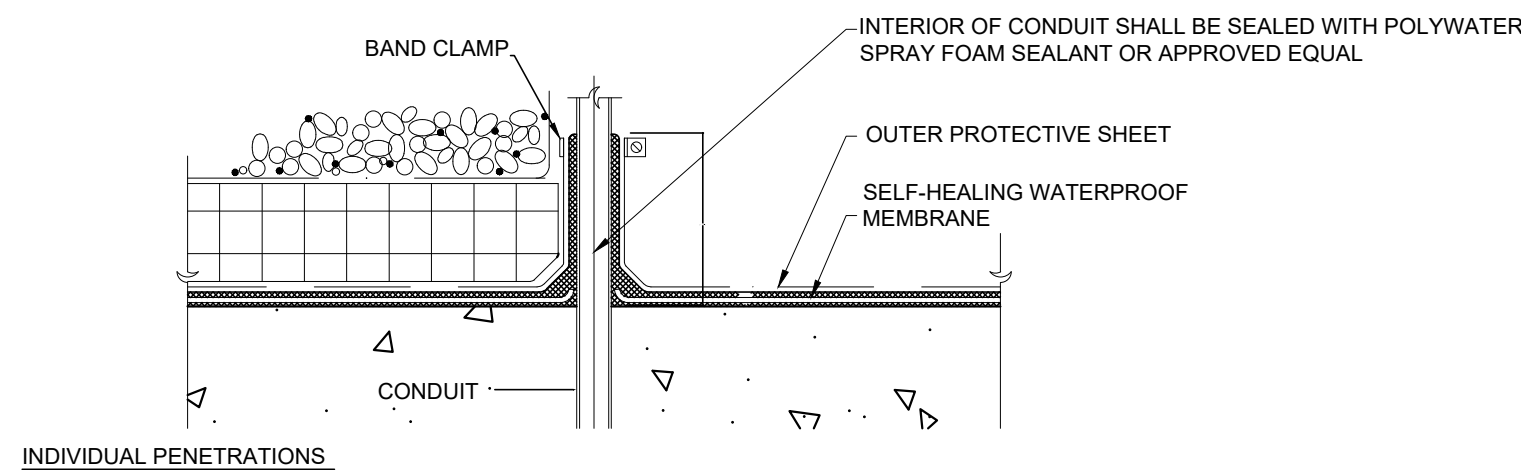
NOTES:

1. CIRCUIT SIZES BASED ON 75'-0" LENGTH FROM LOAD TO PANEL BOARD, FOR LONGER CIRCUITING LENGTH APPLY 2% VOLTAGE DROP FACTOR FROM FEEDERS, AND 3% FOR 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

LIGHTING CONTROL DEVICES			
DEVICE	DESCRIPTION	NOTES/ CONDUIT ROUTING	MANUFACTURER/ MODEL NUMBER
	WALL MOUNTED SWITCH	1. SUBSCRIPT LETTERS DENOTE SWITCH CONTROL. EXTEND BRANCH WIRING FROM LOAD SIDE OF SWITCH TO FIXTURES.	SEE SPECIFICATIONS
	KEY SWITCH		SEE SPECIFICATIONS
	WALL MOUNTED DIMMER SWITCH	CONTROLLED (MINIMUM 2# 12-G OR 3# 12-G AT 3 WAY CONTROL).	SEE SPECIFICATIONS
	DIMMER SWITCH FOR MOTION ACTIVATION/OVERRIDE SENSOR	PROVIDE 3# 12-G TO DIMMED FIXTURES REQUIRING 3RD WIRE. NO SUBSCRIPT.	SEE SPECIFICATIONS
	MOTION SENSOR ACTIVATION/OVERRIDE SWITCH	LETTER IS INDICATED FOR ROOMS WITH SINGLE ZONES OF LIGHTING. EXTEND WIRING FROM LIGHTING CONTROLS TO ALL LIGHTS WITHIN ROOM.	SEE SPECIFICATIONS
	WALL MOUNTED DUAL RELAY DUAL TECHNOLOGY MOTION SENSOR SWITCH		SEE SPECIFICATIONS
	WALL MOUNTED SINGLE RELAY DUAL TECHNOLOGY MOTION SENSOR SWITCH	3. ALL GANGED SWITCHES TO BE PROVIDED WITH ONE CONTINUOUS FACEPLATE.	SEE SPECIFICATIONS
	RAISE LOWER SWITCH FURNISHED BY VENDOR (MOTORIZED SHADES, ETC.)	4. WHEN SWITCHES ARE GANGED WITH DIMMER SWITCHES, PROVIDE SWITCH SIMILAR TO DIMMER AND ONE CONTINUOUS FACEPLATE.	SEE SPECIFICATIONS
	MAESTRO IN-WALL SENSOR SWITCH	5. "1" INDICATES MULTIWAY OR MULTIRELAY SENSOR/SWITCH. a) 2 INDICATES DUAL RELAY. b) 3 INDICATES 3 WAY. c) 4 INDICATES 4 WAY.	SEE E-149 FOR DETAIL AND MODEL NUMBER
	MAESTRO 0-10V IN-WALL SENSOR SWITCH	6. OVERRIDE SWITCHES TO BE PROVIDED WITH NAMEPLATE INDICATING "OVERRIDE" AND LIGHTS SERVED.	
	4 BUTTON PICO DIMMABLE WALL MOUNTED SWITCH	7. "VS" INDICATES SENSOR SET TO VACANCY MODE. MANUAL ON AUTO/ MANUAL OFF.	
	2 BUTTON WIRED PICO WALL MOUNTED SWITCH	8. DIMMERS/SWITCHES SIZED AT MINIMUM 125% FIXTURE CONTROLLED WATTAGE.	
	WIRED 360 DEGREE CEILING MOUNTED OCCUPANCY/VACANCY SENSOR		SEE E-149 FOR DETAIL AND MODEL NUMBER
	WIRED 180 DEGREE CEILING MOUNTED OCCUPANCY/VACANCY SENSOR		
	WIRED DAYLIGHT SENSOR		
	ENERGY SAVING NODE QS (ESN)	"EM" INDICATES EMERGENCY POWERED ENERGY SAVING NODE.	
	ATHENA LIGHT MANAGEMENT HUB		SEE E-149 FOR DETAIL AND MODEL NUMBER
	WIRED QUANTUM SENSOR MODULE		

ELECTRICAL PHASING NOTES

1. ALL NEW ELECTRICAL INFRASTRUCTURE EQUIPMENT IN ELECTRICAL CLOSETS IS TO BE INSTALLED WITHIN PHASE 1 SCOPE OF WORK. CIRCUITS SERVING AND DEVICES LOCATED WITHIN CENTRAL IT CLOSET IT 2. ARE ALSO PART OF PHASE 1.
2. EXISTING AND NEW ELECTRICAL CLOSETS SHALL BE MAINTAINED AND POWERED CONCURRENTLY UNTIL ALL LOADS HAVE BEEN REMOVED FROM EXISTING PANELS. EQUIPMENT SHALL BE DEMOLISHED ONCE ALL LOADS HAVE BEEN TRANSITIONED TO NEW EQUIPMENT.
3. COORDINATE 480V SHUTDOWN WITH BUILDING FACILITIES AND PROVIDE FULL SIZED SPLICE FROM 480V RISERS TO POWER NEW CLOSETS. WHEN ALL LOADS HAVE BEEN REMOVED FROM EXISTING PANELS, DEMOLISH PANELS AND CUT EXISTING FEEDER BACK TO SPLICE.
4. PHASING ZONES ARE INDICATED ON THE DRAWINGS FOR PHASING INTENT ONLY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT SEQUENCE FOR ACHIEVING SPECIFIED PHASING. CONTRACTOR TO PROVIDE TEMPORARY POWER FOR SPACES INDICATED BEING OCCUPIED PRIOR TO COMPLETION OF PROJECT.



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 THHN TYPE OR THHN-2 IN WET/DAMP LOCATIONS.
2. EXCEPT FOR NON POWER LIMITED FIRE ALARM WIRING, ALL WIRING IN EXPOSED AREAS TO BE INSTALLED IN "EMT" 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.

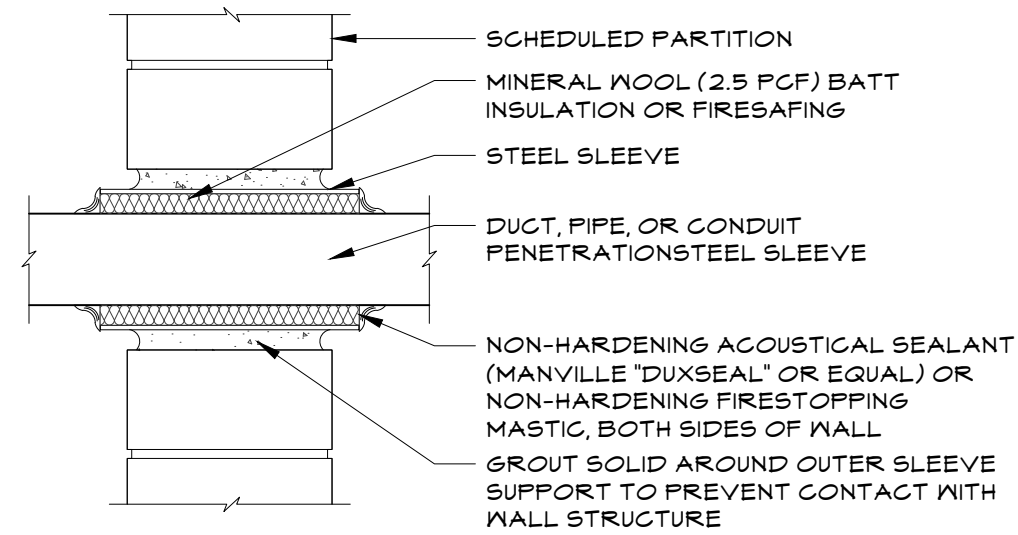
PANEL NOMENCLATURE KEY		
FLOOR OR SPECIFIC ROOM THAT THE PANEL IS SERVING		MDB- MAIN DISTRIBUTION BOARD
IT- IT ROOM		DB- DISTRIBUTION BOARD
EMR- ELEVATOR MACHINE ROOM		PNL- ELECTRICAL PANEL
GEN- GENERATOR		EM- EMERGENCY POWER PANEL
INDICATES MULTIPLE PANELS SERVING THE SAME FLOOR.		SB- STANDBY POWER BOARD
		LR- LEGALLY REQUIRED STANDBY LP- LIFE SAFETY PANEL
		ATS- AUTOMATIC TRANSFER SWITCH

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 CABLE, STRIP CABINETS, AV AND COMPUTER CABLES TO BE REMOVED FROM THE SITE BY THE ELECTRICAL CONTRACTOR.
10. DISCONNECT AND REMOVE ALL EXISTING FLOOR ELECTRIC AND TELEPHONE CIRCUITS AND CONDUIT FLAT. WANT TO CONTINUITY AND PROTECT ALL CONDUIT AND CABLES 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.

DRAWING-ISSUE LIST									
Sheet #	Sheet Title								
E-010	SYMBOLS, ABBREVIATIONS, SCHEDULES AND NOTES	X							
E-020	DETAILS AND NOTES	X							
E-030	ELECTRICAL RISER DIAGRAM AND PART PLANS	X							
E-040	LOAD CALCULATION	X							
E-101	ELECTRICAL PLAN - 3RD FLOOR WEST WING	X							
E-102	ELECTRICAL PLAN - 3RD FLOOR CENTRAL WING	X							
E-103	ELECTRICAL PLAN - 3RD FLOOR NORTH WING	X							
E-109	LIGHTING CONTROL ONE LINE DIAGRAM	X							
E-201	LIGHTING PLAN - 3RD FLOOR WEST WING	X							
E-202	LIGHTING PLAN - 3RD FLOOR CENTRAL WING	X							
E-203	LIGHTING PLAN - 3RD FLOOR NORTH WING	X							
E-301	ELECTRICAL PLAN - 3RD FLOOR WEST WING - MECHANICAL	X							
E-302	ELECTRICAL PLAN - 3RD FLOOR CENTRAL WING - MECHANICAL	X							
E-303	ELECTRICAL PLAN - 3RD FLOOR NORTH WING - MECHANICAL	X							
E-304	ELECTRICAL PLAN - ROOF	X							

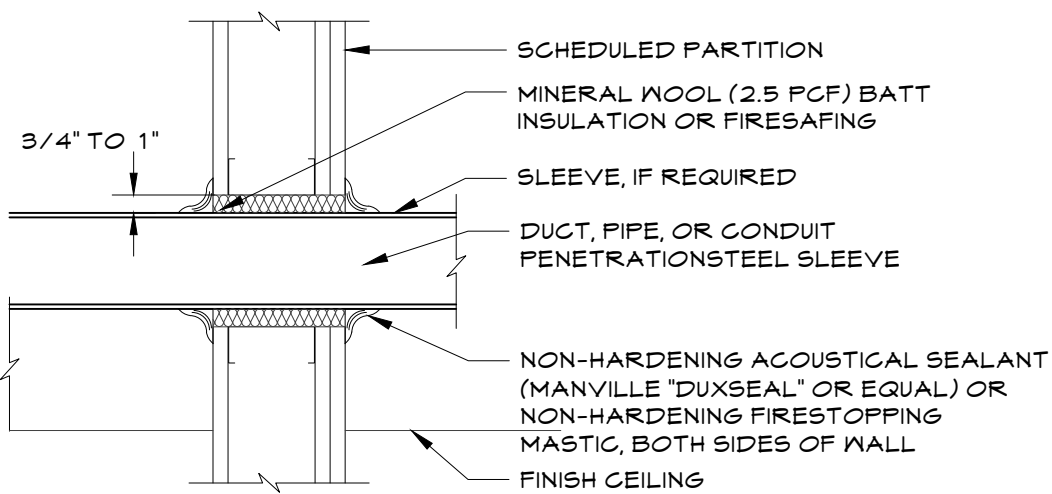
CONSULTANT SEAL		CONSULTANT INFORMATION	
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REVISION NUMBER	DATE	MADE BY	APPD BY
		REVISION	
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		CONTRACTOR	
NAME: _____		NAME: _____	
SIGNATURE: _____		SIGNATURE: _____	
TITLE: _____ DATE: _____		TITLE: _____ DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-S14	SHEET NUMBER E-010
DIVISION OF ENGINEERING		SHEET NO. 01 OF 15	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021	
SYMBOLS, ABBREVIATIONS, SCHEDULES AND NOTES		DPW FILE NO. 52-01-E-588	REV NO.



- NOTES:
1. SUPPORT DUCT, PIPE OR CONDUIT TO PREVENT CONTACT WITH PARTITION.
 2. NO MORTAR BRIDGING BETWEEN CMU AND DUCT, PIPE, OR CONDUIT.

PENETRATION OF FULL HEIGHT CMU/BRICK PARTITION

1
E.020 NTS

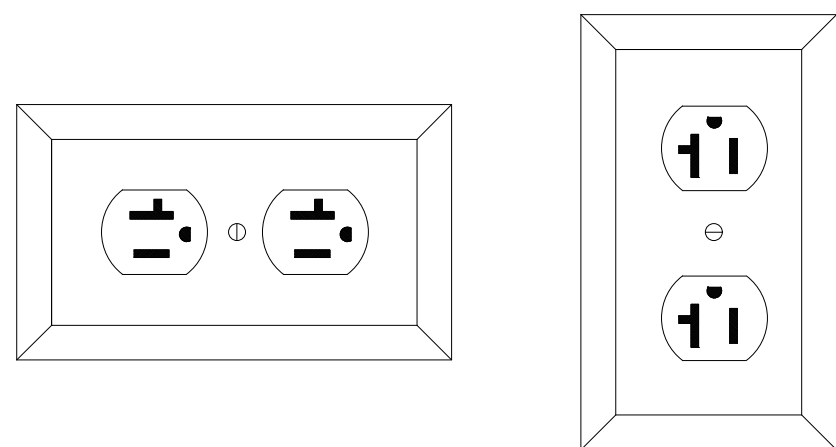


- NOTES:
1. SUPPORT DUCT, PIPE OR CONDUIT TO PREVENT CONTACT WITH PARTITION.
 2. NO TAPE OR COMPOUND BRIDGING BETWEEN GWB AND DUCT, PIPE, OR CONDUIT

PENETRATION OF FULL HEIGHT GWB PARTITION

2
E.020 NTS

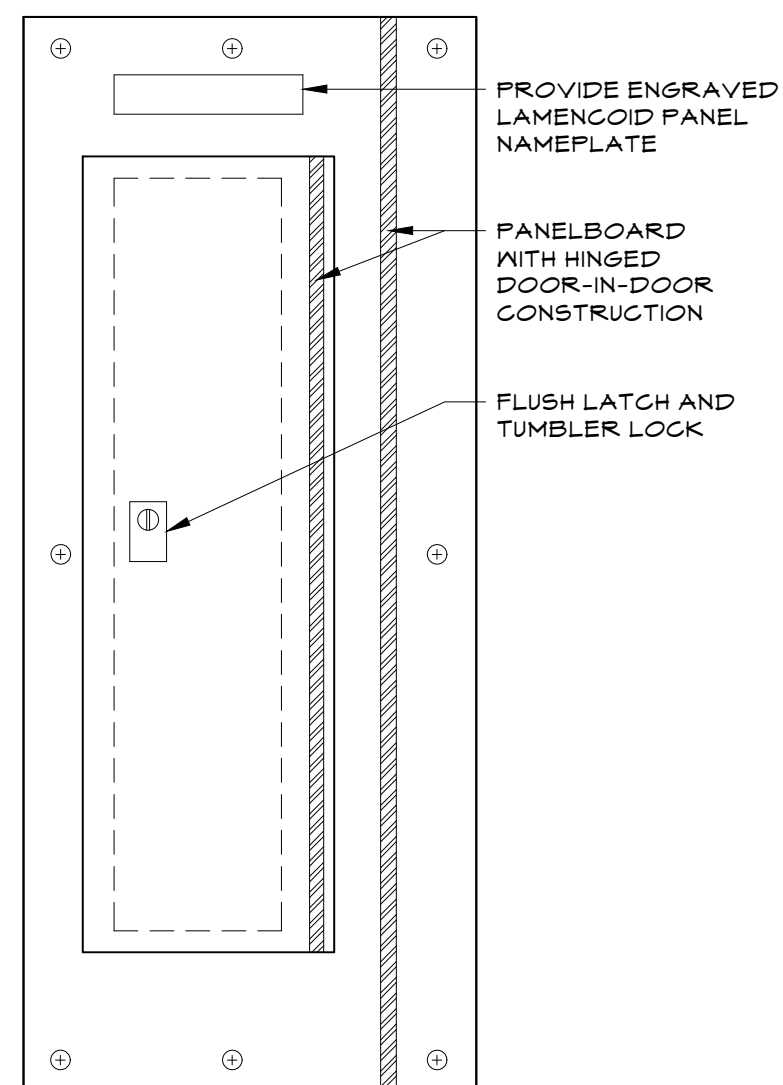
TYPICAL RECEPTACLE ORIENTATION DETAILS



NOTE: STANDARD RECEPTACLE TYPE INDICATED DECORA STYLE SIMILAR. RECEPTACLES ARE NEMA 5-20R U.O.N.

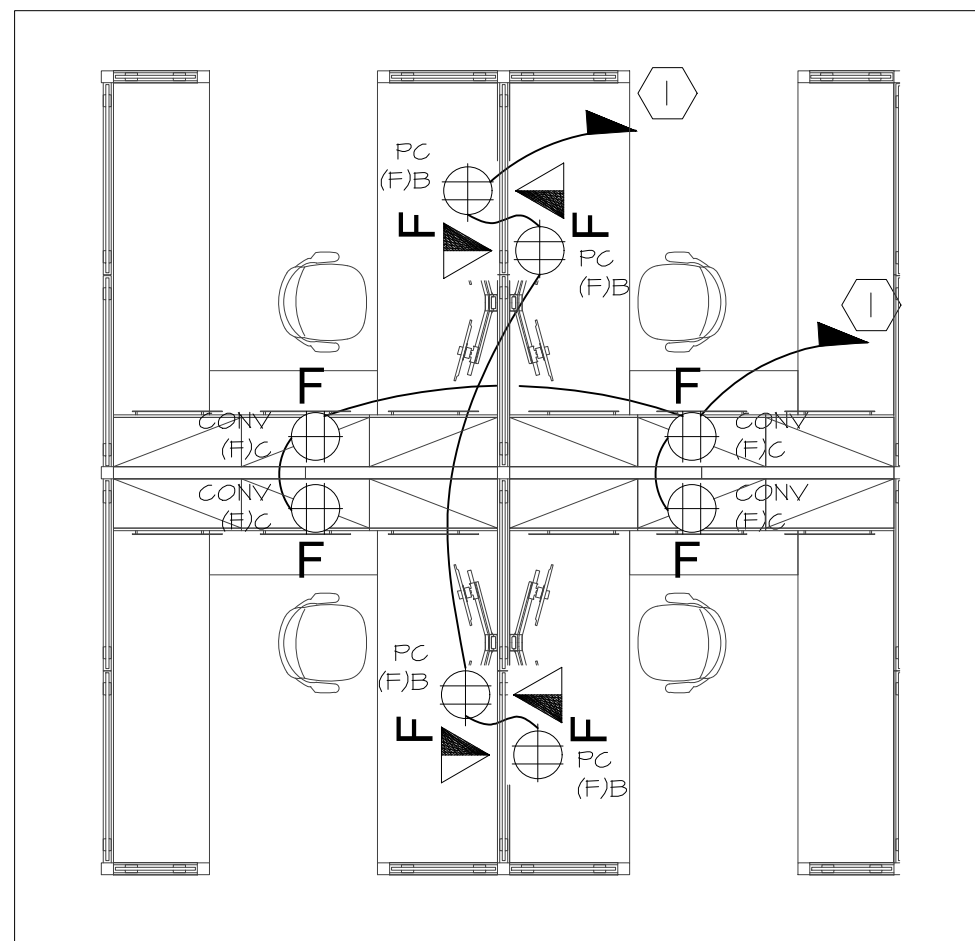
TYPICAL RECEPTACLE ORIENTATION DETAILS

3
E.020 NTS



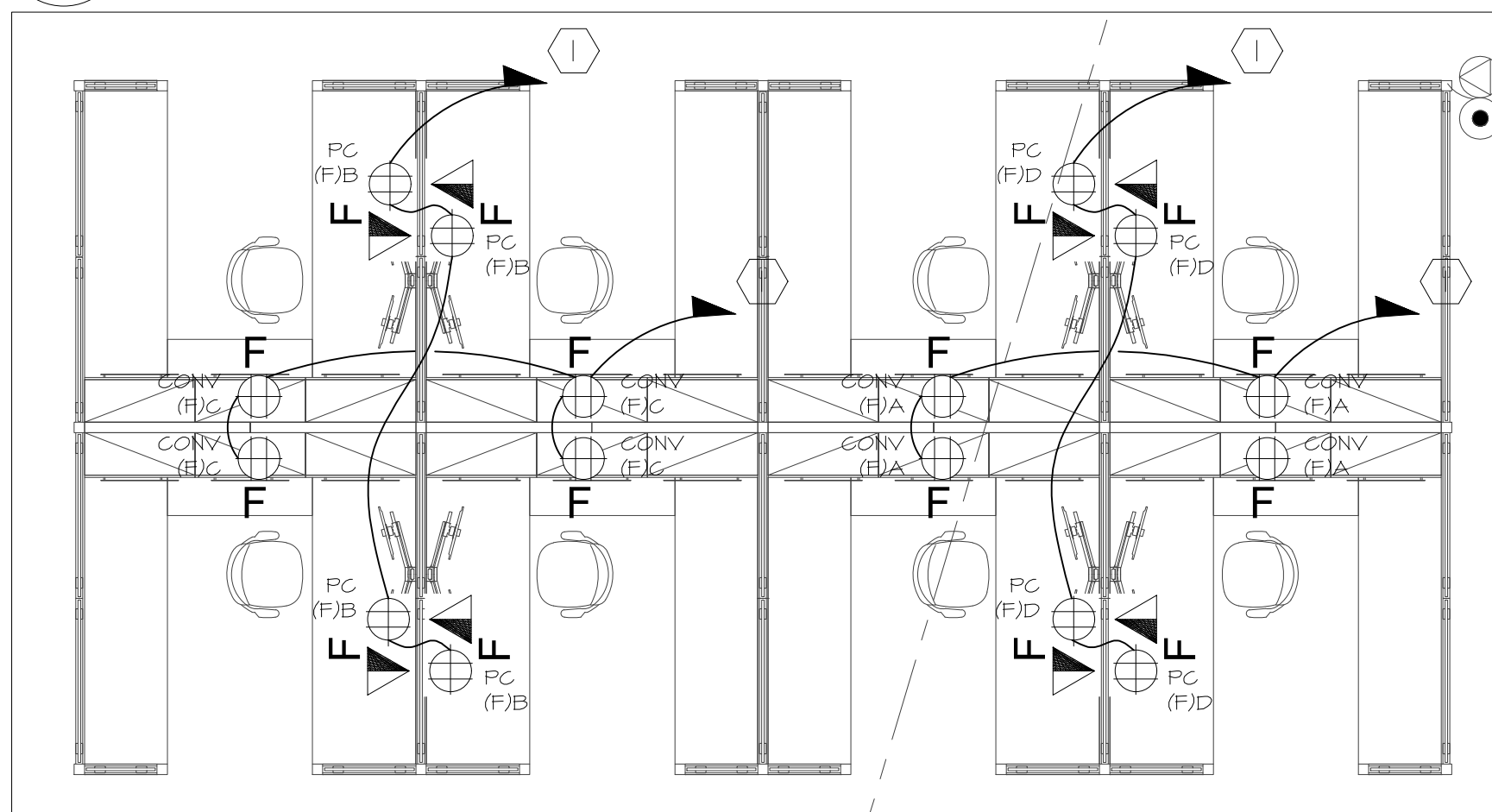
PANELBOARD DOOR-IN-DOOR DETAIL

4
E.020 NTS



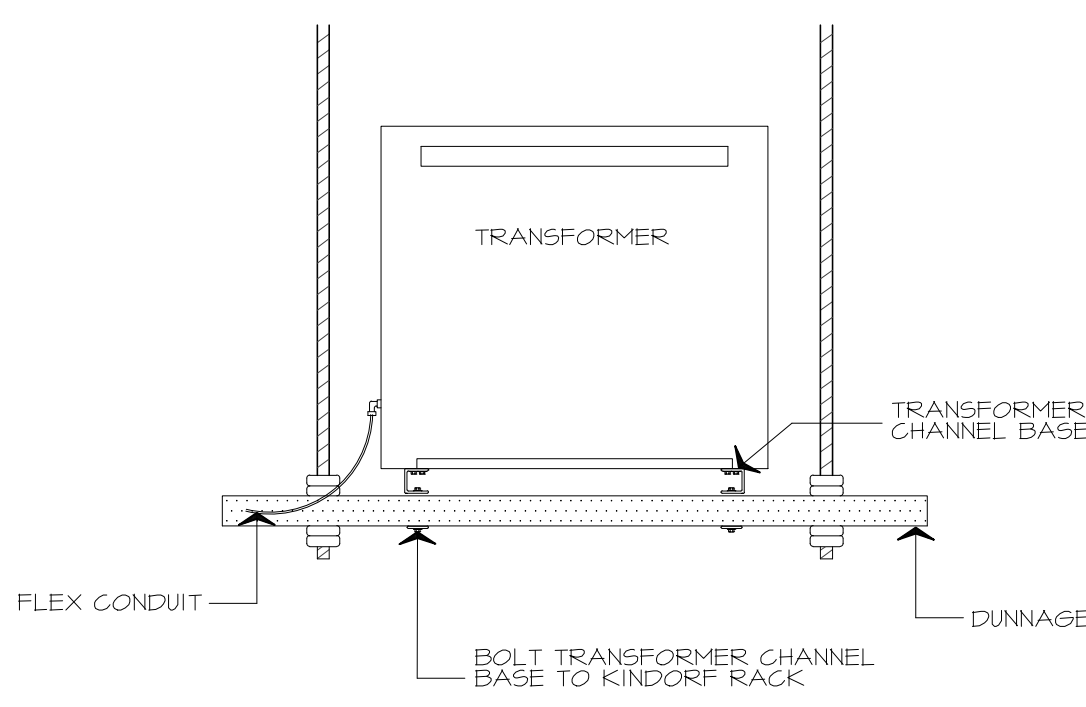
TYPICAL "A" FURNITURE SYSTEM WORKSTATION CIRCUITING

6
E.020 1/4"=1'-0"



TYPICAL "B" FURNITURE SYSTEM WORKSTATION CIRCUITING

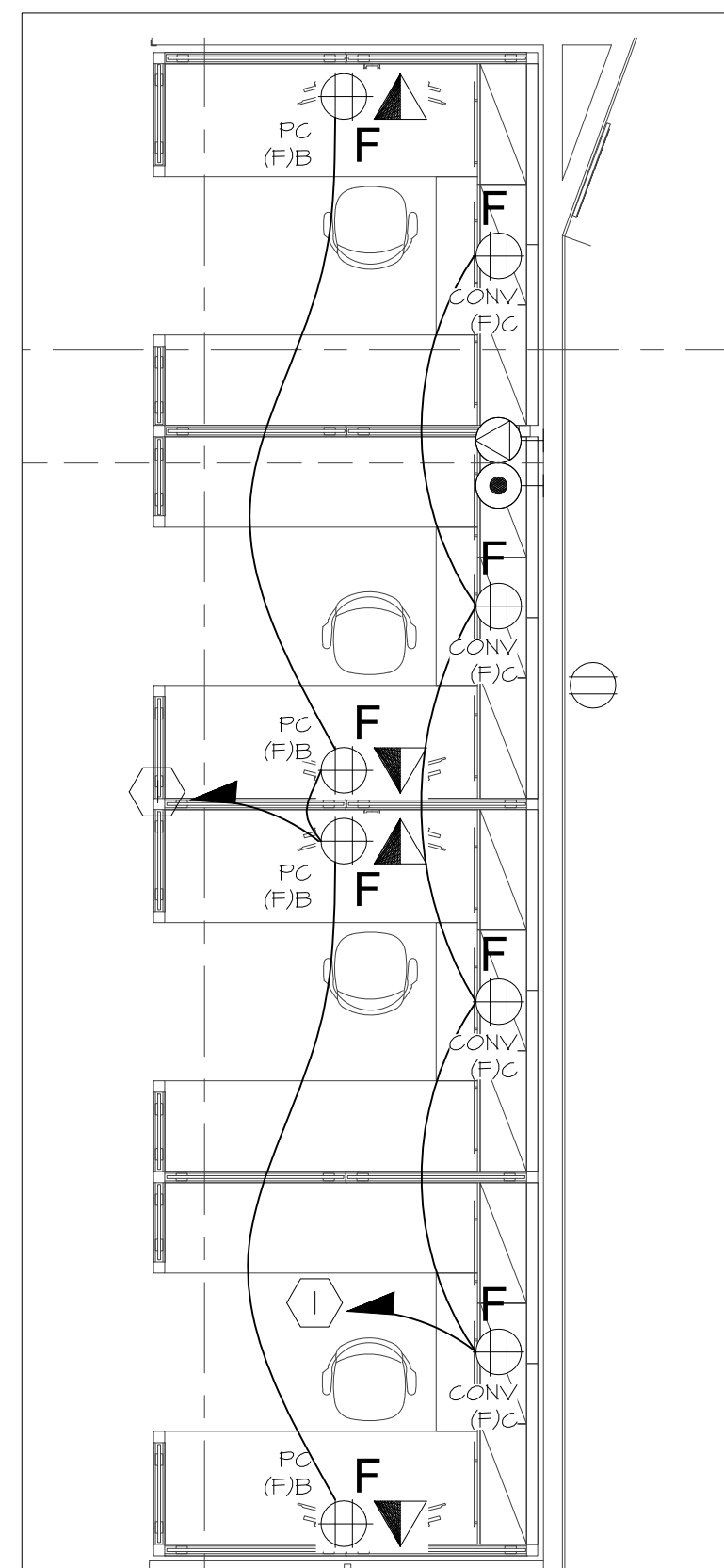
7
E.020 1/4"=1'-0"



- NOTES:
1. ALL TRANSFORMERS TO BE TRAPEZE MOUNTED TRANSFORMERS U.O.N.

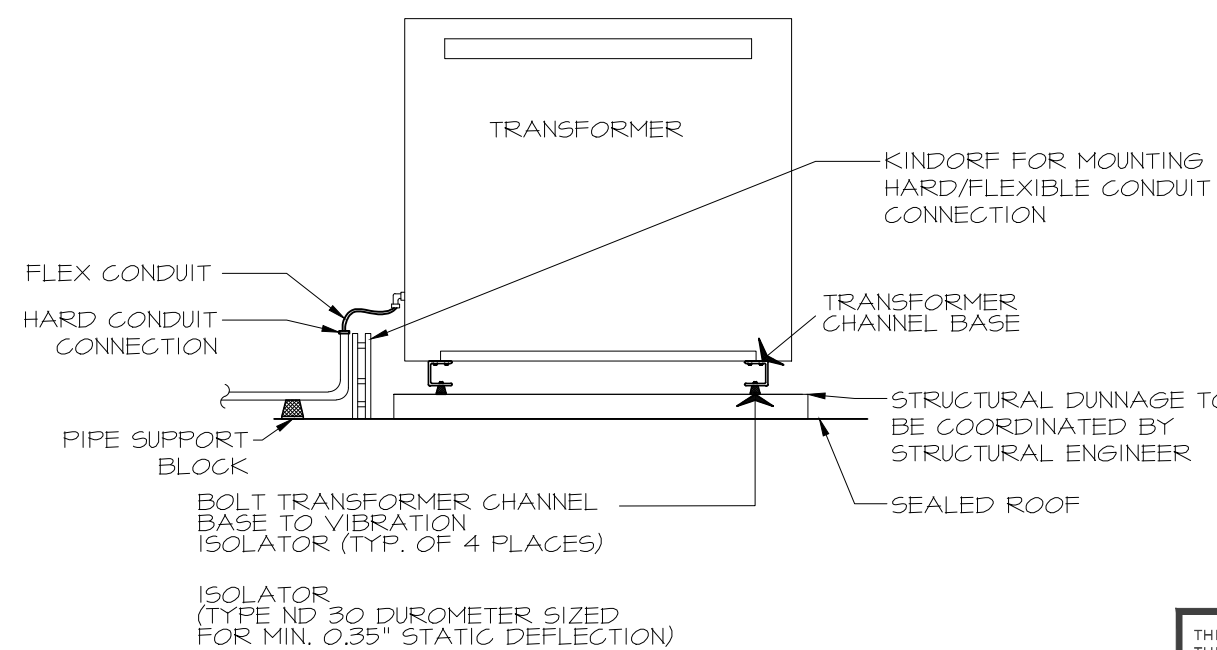
TRAPEZE MOUNTED TRANSFORMER

8
E.020 NTS



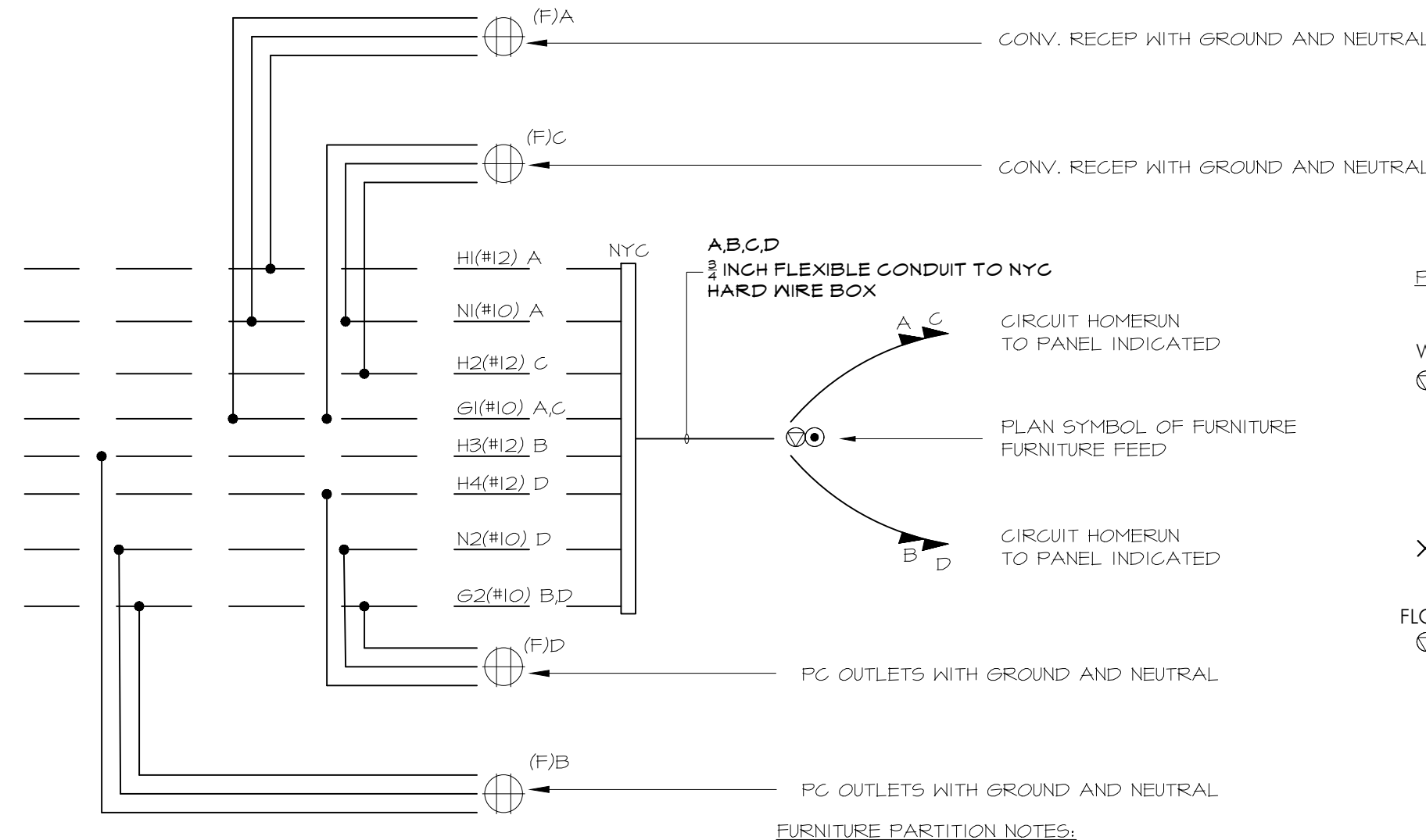
TYPICAL "C" FURNITURE SYSTEM WORKSTATION CIRCUITING

9
E.020 1/4"=1'-0"



ROOF MOUNTED TRANSFORMER DETAIL

11
E.020 N.T.S.



- FURNITURE PARTITION NOTES:
1. EXACT WIRING IS DEPENDS ON DESK CONFIGURATION. CERTAIN AREAS TO UTILIZE SINGLE POLE CIRCUIT.
 2. FURNITURE PARTITION SYSTEMS FURNISHED WITH 8 WIRE 2+2 "WHIP" CIRCUIT AS SHOWN-EXACT HARNESS CONFIGURATION VARIES WITH MANUFACTURER.
 3. ALL RECEPTACLES IN FURNITURE PARTITION WILL BE SUPPLIED BY THE FURNITURE VENDOR FOR INSTALLATION BY THIS CONTRACTOR.
 4. COORDINATE EXACT ENTRY LOCATIONS WITH FURNITURE PARTITION VENDOR. PROVIDE ALL REQUIRED HARNESSES, JUNCTION BOXES, JUMPER.
 5. CABLES, AND PASS THRU CABLES TO PROVIDE A COMPLETE INSTALLATION. COORDINATE EXACT LOCATION OF RECEPTACLES IN FURNITURE.
 6. SYSTEM (I.E. IN BELT LINE OR BASEPATH) WITH ARCHITECT.

STANDARD FURNITURE PARTITION 2+2 WIRING CONFIGURATION

10
E.020 1/4"=1'-0"

GENERAL CIRCUITING NOTES

1. TYPICAL OPEN OFFICE FURNITURE CIRCUITING. REVISE AS REQUIRED TO ACCOMMODATE ALL OPEN OFFICES FURNITURE CONFIGURATIONS. REFER TO E-101, E-102, AND E-103 FOR CIRCUITING TO POWER PANELS.
2. : INDICATES FLOOR WHIP FURNITURE FEED LEADING INTO FURNITURE SYSTEM.
3. CIRCUIT FURNITURE WORKSTATIONS TO CORRESPONDING POWER PANEL. REFER TO E-101, E-102, E-103 FOR ALL POWER CIRCUITING.
4. FOR FINAL ELECTRICAL COORDINATION, CLIENT SHALL PROVIDE DESIRED FURNITURE WIRING SCHEME (2+2 OR 3+1) AND WORKSTATION IT REQUIREMENTS.

GENERAL CIRCUITING NOTES

1. CIRCUIT FURNITURE WORKSTATION TO CORRESPONDING POWER PANELS WITHIN ZONE. REFER TO E-101, E-102, AND E-103 FOR ALL POWER CIRCUITING. SEE DETAIL #10 FOR CIRCUITING REFERENCE.

CONSULTANT SEAL		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
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	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 02 OF 15	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: MAY 20, 2021	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	
DETAILS AND NOTES		52-01-E-589	
		REV NO. 0	

CONSULTANT SEAL 	CONSULTANT INFORMATION <div style="text-align: center; font-size: 24pt; font-weight: bold; margin-top: 20px;"> Graf & Lewent Architects LLP </div> <div style="text-align: center; margin-top: 10px;"> 90-30 161st Street, Jamaica, NY 11432 P: 718-251-6200 F: 718-251-6989 </div>
--	---

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
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RECORD DRAWING CERTIFICATION	
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES	

<b style="text-align: center;">CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____	<b style="text-align: center;">CONTRACTOR NAME: _____ SIGNATURE: _____ TITLE: _____ DATE: _____
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 <b style="margin-top: 20px;">ELECTRICAL RISER DIAGRAM AND PART PLANS		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; font-size: 10pt;"> CONTRACT NUMBER 19-514 </td> <td style="width: 50%; font-size: 18pt; font-weight: bold; text-align: center;"> SHEET NUMBER E-030 </td> </tr> <tr> <td colspan="2" style="font-size: 10pt;"> SHEET NO. 03 OF 15 </td> </tr> <tr> <td colspan="2" style="font-size: 10pt;"> SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52.01.5.500 </td> </tr> <tr> <td style="width: 50%;"></td> <td style="width: 50%; font-size: 10pt;"> REV NO. 0 </td> </tr> </table>	CONTRACT NUMBER 19-514	SHEET NUMBER E-030	SHEET NO. 03 OF 15		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52.01.5.500			REV NO. 0
CONTRACT NUMBER 19-514	SHEET NUMBER E-030									
SHEET NO. 03 OF 15										
SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52.01.5.500										
	REV NO. 0									


PANEL SCHEDULE										PNL-3-2			PANEL: 208/120V, 3PH, 4W, 225A M.L.O										
VOLTS L-N				120 V		VOLTS PH-N				208 V		FEEDER: SEE RISER											
PHASE				3																			
CKT	NUM	C.B.	LOAD	LOAD	FEEDER	VA	VA	VA	DESCRIPTION	CKT	C.B.	C.B.	FEEDER	VA	VA	VA	DESCRIPTION	LOAD	LOAD				
NO	POLE	TRIP	CON	TYPE	SIZE					NUM	POLE	TRIP	CON					CON	TYPE				
1	1	20	720	2	2#12-#12G	720			CORR RECP	2	1	20	2#12-#12G	540			DLR STOR 10 RECP	540	2				
3	1	20	360	2	2#12-#12G		360		CONF RM WCC 9	4	1	20	2#12-#12G		1440		DLR 3 FURN RECP	1440	2				
5	1	20	1440	2	2#12-#12G			1440	DLR WRKSTAT DLR 6	6	1	20	2#12-#12G			1440	DLR 3 FURN RECP	1440	2				
7	1	20	1440	2	2#12-#12G	1440			DLR WRKSTAT DLR 6	8	1	20	2#12-#12G	720			WCC 8 CONF RM	720	2				
9	1	20	1080	2	2#12-#12G		1080		DLR OFF RECP	10	1	20	2#12-#12G		720		DLR WRKSTAT DLR 1	720	2				
11	1	20	720	2	2#12-#12G			720	DLR OFF RECP	12	1	20	2#12-#12G			1080	CONF RM WCC 9	1080	2				
13	1	20	1500	2	2#12-#12G	1500			DLR OFF PRINTER	14	20		2#12-#12G	720			DLR 1 WAITING	720	2				
15	1	20	1000	2	2#12-#12G		1000		PRINTER	16	1	20	2#12-#12G		1800		ROOF EQUIPMENT	1800	3				
17*	1	20	1000	2	2#12-#12G			1000	HAND DRYER	18	2	30				2340			2340	7			
19	1	20	1000	2	2#12-#12G	1000			CARD READER	20	=====	=====		2340			CUIT ROOM		2340	7			
21	1	20	-	-	-		0		SPARE	22	2	30				2340		CUIT ROOM		2340	7		
23	1	20	-	-	-			0	SPARE	24	=====	=====				2340				2340	7		
25	1	20	-	-	-		0		SPARE	26	1	20	2#12-#12G	1000			DLR 3 PRINTER	1000	2				
27	1	20	-	-	-			0	SPARE	28	1	20	-		0		SPARE	-	-				
29	1	20	-	-	-			0	SPARE	30	1	20	-			0	SPARE	-	-				
31	1	20	-	-	-		0		SPARE	32	1	20	-	0			SPARE	-	-				
33	1	20	-	-	-			0	SPARE	34	1	20	-		0		SPARE	-	-				
35	1	20	-	-	-			0	SPARE	36	1	20	-			0	SPARE	-	-				
37	1	20	-	-	-			0	SPARE	38	1	20	-		0		SPARE	-	-				
39	1	20	-	-	-			0	SPARE	40	1	20	-			0	SPARE	-	-				
41	1	20	-	-	-			0	SPARE	42	1	20	-				0	SPARE	-	-			
1). LIGHTING						CONNECTED				DEMAND													
2). RECEPTACLES						0				0													
a. First 10,000 Watts @ 100%										100				10000				ACTUAL CONNECTED LOAD		29080 VA			
b. Load greater than 10,000 Watts @ 50%										50				3660				TOTAL ESTIMATED DEMAND LOAD		25120 VA			
Receptacle total load						17920				13660								ACTUAL CONNECTED LOAD		80.72 AMPS			
3). MISCELLANEOUS						1800				100				1800									
4). HEAT						0				100				0									
5). KITCHEN						0				100				0									
6). MOTORS										0				0				TOTAL ESTIMATED DEMAND LOAD		69.73 AMPS			
a. Largest motor load @ 125%										125				-				SPARE BREAKER CAPACITY		45.24%			
b. Additional loads at @ 100%										100				0				NOTE:					
Total Motot load						0				0				0				ALL LOAD CALCULATION ARE BASED ON CURRENT NEC VERSION AND ASSOCIATED LOCAL AMENDMENTS.					
7). HVAC						9360				100				9360									

PANEL SCHEDULE					PNL-3-4				PANEL: 208/120V, 3PH, 4W, 400A M.L.O FEEDER: SEE RISER															
VOLTS L-N		120 V		VOLTS PH.		208 V																		
PHASE		C		B		A																		
NUM	POLE	C.B. TRIP	LOAD CON	LOAD TYPE	FEEDER SIZE	VA A	VA B	VA C	DESCRIPTION	CKT. NUM	C.B. POLE	C.B. AMP	FEEDER SIZE	VA A	VA B	VA C	DESCRIPTION	LOAD CON	LOAD TYPE					
3	1	20	720	2	2#12+1#12G	720			HLL 17 BRK RM	2	1	20	2#12+1#12G	1400			GR JURY RACEWAY	1400	2					
3	1	20	900	2	2#12+1#12G		900		HLL 17 BRK RM	4	1	20	2#12+1#12G		1400		GR JURY RACEWAY	1400	2					
5	1	20	540	2	2#12+1#12G			540	HLL 17 BRK RM	6	1	20	2#12+1#12G			1500	DPS 1 WAITING AREA	1500	2					
7	1	20	540	2	2#12+1#12G	540			GR JURY RM RECP	8	1	20	2#12+1#12G	900			CONV RECP	900	3					
9	1	20	1260	2	2#12+1#12G	1260			DPS 1/5 PC RECP	10	1	20	2#12+1#12G		1500		IT WEST	1500	2					
11	1	20	1080	2	2#12+1#12G		1080		DPS 5 RACEWAY	12	1	20	2#12+1#12G		1500		IT WEST	1500	2					
13	1	20	360	2	2#12+1#12G	360			DPS 5 RECP	14	1	20	2#12+1#12G	1500			IT WEST	1500	2					
15	1	20	720	2	2#12+1#12G		720		OPEN RECPISOR	16	1	20	2#12+1#12G		1500		IT WEST	1500	2					
17	1	20	360	2	2#12+1#12G			360	LOCKER RM RECP	18	1	20	2#12+1#12G			1500	DEDICATED RECP	1500	2					
19	1	20	1000	2	2#12+1#12G	1000			PRINTER	20	1	20	2#12+1#12G	1500			DEDICATED RECP	1500	2					
21	1	20	1440	2	2#12+1#12G		1440		DEDICATED RECP	22	1	20	2#12+1#12G		1440		FURN RECP	1440	2					
23	1	20	1440	2	2#12+1#12G			1440	DEDICATED RECP	24	1	20	2#12+1#12G			1440	FURN RECP	1440	2					
25	1	20	1440	2	2#12+1#12G	1440			DEDICATED RECP	26	2	20		1440			OPEN SPACE	1440	2					
27	1	20	1000	2	2#12+1#12G	1000			WATER FOUNTAIN	28	=====		3#12+1#12G		1400		FURN RECP	1440	2					
29	1	20	720	2	2#12+1#12G		720		DP4/6 PC RECP	30	2	20		1400	1440		OPEN SPACE	1440	2					
31	1	20	1080	2	2#12+1#12G	1080			DP4/6 RECP	32	=====		3#12+1#12G	1440			FURN RECP	1440	2					
33	1	20	720	2	2#12+1#12G		720		GR JURY RM RECP	34	1	20	2#12+1#12G		1440		MONITOR	1440	2					
35	1	20	1000	2	2#12+1#12G			1000	CARD READERS	36	1	20	-			0	SPARE	-	-					
37	1	20	-	-	-	-	0		SPARE	38	1	20	-		0		SPARE	-	-					
39	1	20	-	-	-	-	0		SPARE	40	2	20	-		0		SPARE	-	-					
41	1	20	-	-	-	-	0	0	SPARE	42	1	20	2#12+1#12G			540	CORR RECP	540	2					
43	1	20	1000	3	2#12+1#12G	1000			ROLL UP DOOR	44	1	20	2#12+1#12G	1000			DLR 1 PRINTER	1000	2					
45	1	20	1080	2	2#12+1#12G		1080		DLR 1 WAITING RECP	46	1	20	2#12+1#12G		1000		DLR 1 PRINTER	1000	2					
47	1	20	720	2	2#12+1#12G		720		DLR COUNTER	48	2	20				1440	DLR 3 FURN RECP	1440	2					
49	2	20	1440	2	3#12+1#12G	1440			DLR 3 FURN RECP	50	=====		3#12+1#12G	1440			DLR 3 FURN RECP	1440	2					
51	=====	1440	2			1440				52	1	20	-		0		SPARE	-	-					
53	1	20	-	-	-	-	0	0	SPARE	54	1	20	-		0	0	SPARE	-	-					
55	1	20	-	-	-	-	0	0	SPARE	56	1	20	-		0		SPARE	-	-					
57	1	20	-	-	-	-	0	0	SPARE	58	1	20	-		0	0	SPARE	-	-					
59	1	20	-	-	-	-	0	0	SPARE	60	1	20	-		0	0	SPARE	-	-					
61	1	20	-	-	-	-	0	0	SPARE	62	1	20	-		0	0	SPARE	-	-					
63	1	20	-	-	-	-	0	0	SPARE	64	1	20	-		0	0	SPARE	-	-					
65	1	20	-	-	-	-	0	0	SPARE	66	1	20	-		0	0	SPARE	-	-					
67	1	20	-	-	-	-	0	0	SPARE	68	1	20	-		0	0	SPARE	-	-					
69	1	20	-	-	-	-	0	0	SPARE	70	1	20	-		0	0	SPARE	-	-					
71	1	20	-	-	-	-	0	0	SPARE	72	1	20	-		0	0	SPARE	-	-					
73	1	20	-	-	-	-	0	0	SPARE	74	1	20	-		0	0	SPARE	-	-					
75	1	20	-	-	-	-	0	0	SPARE	76	1	20	-		0	0	SPARE	-	-					
77	1	20	-	-	-	-	0	0	SPARE	78	1	20	-		0	0	SPARE	-	-					
79	1	20	-	-	-	-	0	0	SPARE	80	1	20	-		0	0	SPARE	-	-					
81	1	20	-	-	-	-	0	0	SPARE	82	1	20	-		0	0	SPARE	-	-					
83	1	20	-	-	-	-	0	0	SPARE	84	1	20	-		0	0	SPARE	-	-					
						CONNECTED			DEMAND															
1). LIGHTING						0			100			0			TOTAL CONNECTED LOAD						51660		VA	
2). RECEPTACLES									100			10000			ACTUAL ESTIMATED DEMAND LOAD						31780		VA	
a. First 10,000 Watts @ 100%									50			19880			ACTUAL CONNECTED LOAD						143.40		AMPS	
b. Load greater than 10,000 Watts @ 50%																								
Receptacle total load						49760						23880												
3). MISCELLANEOUS						1900						1600												
4). HEAT						0																		
5). KITCHEN						0			100			0			TOTAL ESTIMATED DEMAND LOAD						88.22		AMPS	
6). MOTORS																								
a. Largest motor load @ 125%									125			-			SPARE BREAKER CAPACITY						46.43%			
b. Additional loads at @ 100%									100			0			NOTE:									
Total Motot load						0									ALL LOAD CALCULATION ARE BASED ON CURRENT NEC VERSION AND									
7). HVAC						0			100			0			ASSOCIATED LOCAL AMENDMENTS.									

1000 Watts @ 50%			0	50	0	ACTUAL CONNECTED LOAD		174.20 AMPS
Receptacle total load			0		0			
3). MISCELLANEOUS			108828	100	108828			
4). HEAT			0	100	0			
5). KITCHEN			0	100	0			
6). MOTORS						TOTAL ESTIMATED DEMAND LOAD		174.20 AMPS
a. Largest motor load @ 125%				125	-	SPARE BREAKER CAPACITY		21.43%
b. Additional loads @ 100%				100	0	NOTE:		
Total Motot load			0		0	ALL LOAD CALCULATION ARE BASED ON CURRENT NEC VERSION AND ASSOCIATED LOCAL AMENDMENTS.		
7). HVAC			20701	100	20701			

GENERAL NOTES

1. " * " : INDICATES GFCI CIRCUIT BREAKER.
2. " * * " : INDICATES CIRCUIT BREAKER WITH PERMANENTLY INSTALLED PADLOCK DEVICE SUCH AS EATON PLKI OR APPROVED EQUAL.
3. LOADS SHOWN FOR PANELS DB-3-1, DB-3-2, PNL-3-1 AND PNL-3-3 ACCOUNT FOR CONNECTIONS TO OTHER TRANSFORMERS/PANELS. SEE RISER DIAGRAM ON E-030 FOR ALL TRANSFORMERS/PANELS CONNECTIONS.
4. PANEL PNL-3-2 LOADS ARE INCORPORATED INTO PANEL PNL-3-1. PANEL PNL-3-4 LOADS ARE INCORPORATED INTO PANEL PNL-3-3.

CONSULTANT SEAL		CONSULTANT INFORMATION			
		<h2 style="margin: 0;">Graff & Lewent</h2> <h3 style="margin: 0;">Architects LLP</h3> <p style="margin: 0;">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

☐ AS BUILT - CHANGES AS NOTED
☐ AS BUILT - NO CHANGES

CONTRACTOR		CONTRACTOR	
NAME: _____		NAME: _____	
SIGNATURE: _____		SIGNATURE: _____	
TITLE: _____ DATE: _____		TITLE: _____ DATE: _____	


WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

DIVISION OF ENGINEERING

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

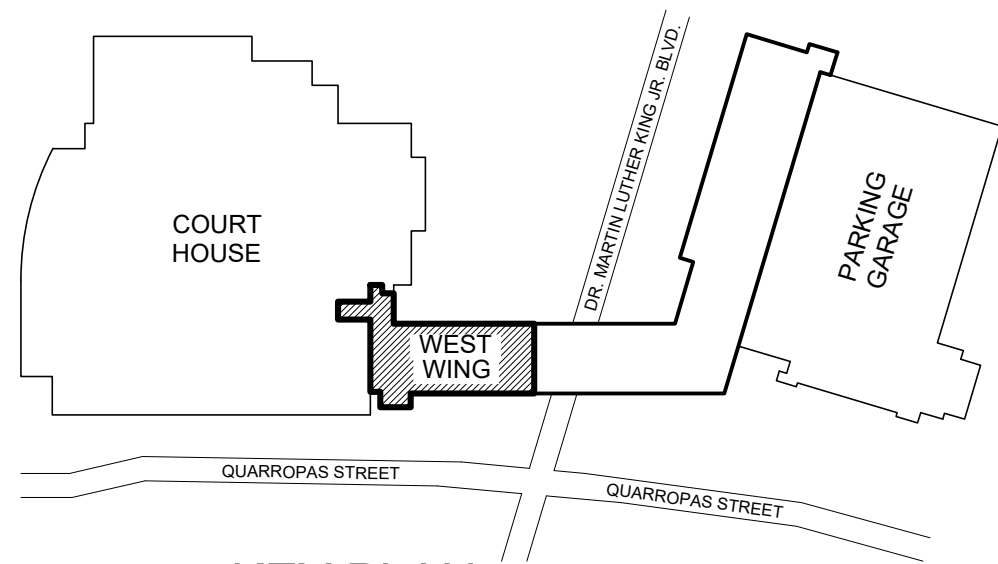
PANEL SCHEDULES

CONTRACT NUMBER 19-514	SHEET NUMBER E-04
SHEET NO. 04 OF 15	
SCALE: AS NOTED	
DATE: MAY 20, 2021	
DPW FILE NO. 52-01-E-591	

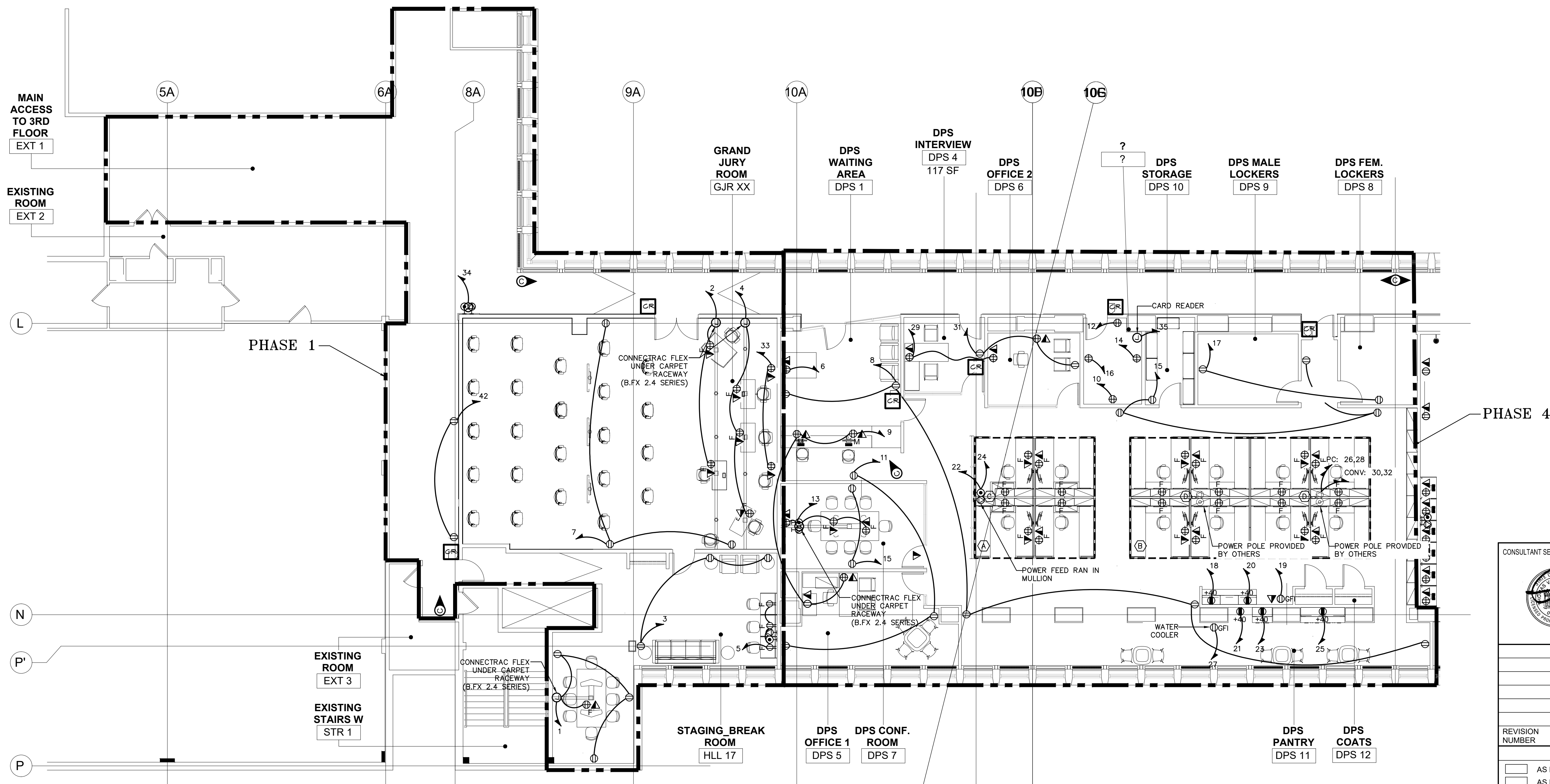


133 WEST 19TH STREET
NEW YORK, NY 10011
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K
N.T.S.



1
E.101 1/8"=1'-0"

GENERAL NOTES

1. REFER TO ELECTRICAL PHASING NOTES ON E-010 FOR ALL PHASING DETAILS.
2. WIRE ALL CIRCUITS TO PANEL PNL-3-4 U.O.N.
3. FURNITURE MANUFACTURER SHALL REFERENCE THESE DRAWINGS WHEN DETERMINING POWER INFEEED LOCATIONS.

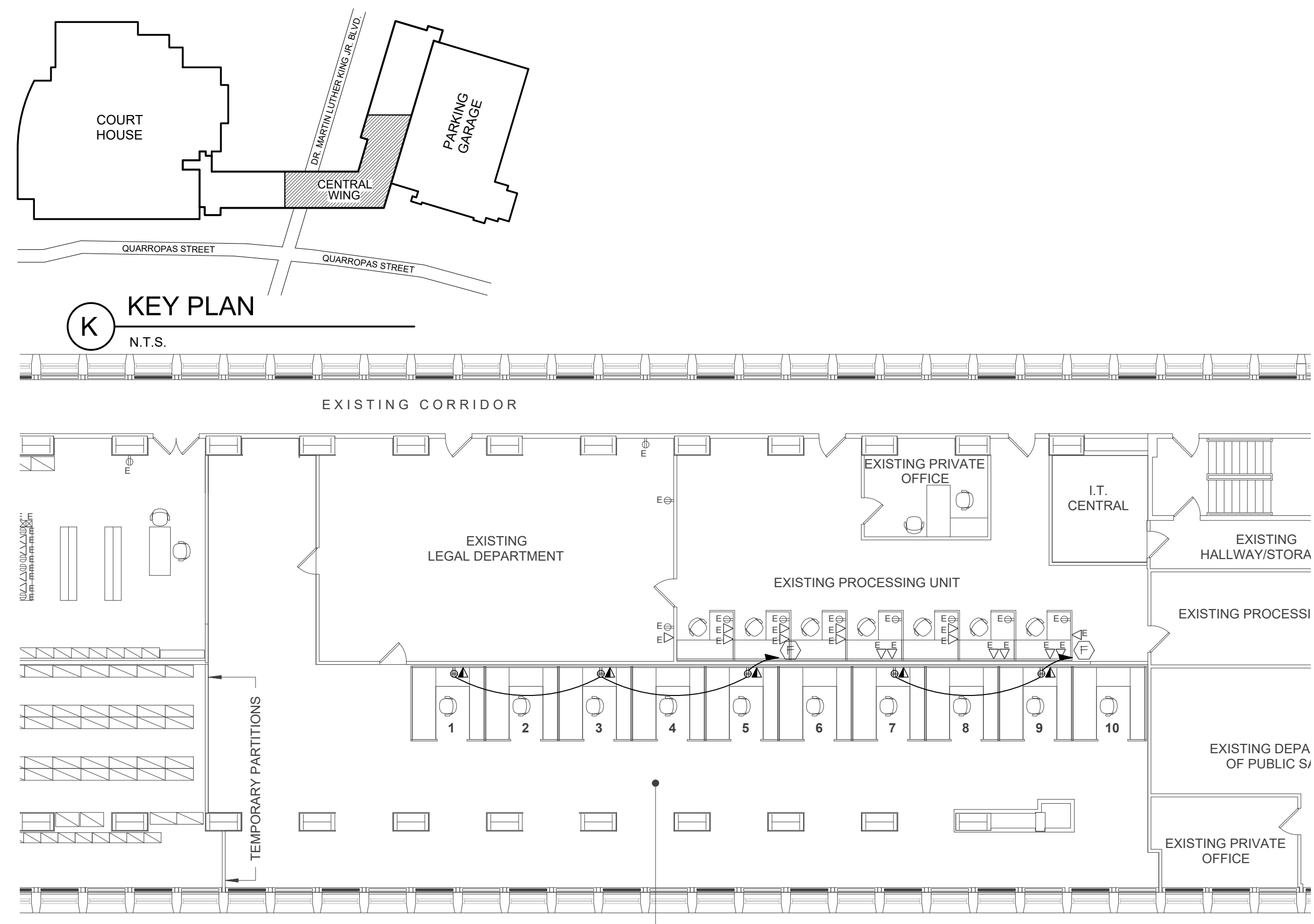
CIRCUITING NOTES

- A REFER TO DETAIL #6 ON E-020 FOR "A" TYPICAL OPEN OFFICE FURNITURE BRANCH CIRCUITING WIRING CONFIGURATION. REVISE CIRCUITING LAYOUT AS REQUIRED FOR NON-TYPICAL WORKSTATION CONFIGURATION.
- B REFER TO DETAIL #7 ON E-020 FOR "B" TYPICAL OPEN OFFICE FURNITURE BRANCH CIRCUITING WIRING CONFIGURATION. REVISE CIRCUITING LAYOUT AS REQUIRED FOR NON-TYPICAL WORKSTATION CONFIGURATION.
- C WORKSTATIONS SHALL BE POWERED WITH MC CABLE THAT SHALL BE RUN ABOVE CEILING AND DROP INSIDE ALUMINUM ENCLOSURES PROVIDED AS PART OF THE GLASS PARTITIONS. ENSURE CABLE IS SUPPORTED JUST ABOVE THE ALUMINUM COLUMN AND AS IT LEAVES THE COLUMN TO ENTER THE WORK STATION. (2) COLUMNS ARE PROVIDED PER GLASS WALL SECTION. THE ONE MARKED WITH HOMERUNS ON PLAN SHALL BE USED FOR POWER AND THE OTHER USED FOR DATA. PROVIDE FINAL POWER CONNECTION VIA MC CABLE TO FURNITURE POWER TERMINATION BOX.
- D WORKSTATIONS SHALL BE POWERED WITH MC CABLE THAT SHALL BE RUN ABOVE CEILING AND DROP INSIDE POWER POLE ENCLOSURES PROVIDED BY OTHERS. POWER POLE INTEGRAL TO FURNITURE SYSTEM AND MAY REQUIRE FIELD MODIFICATION TO SUIT ROOM HEIGHTS.

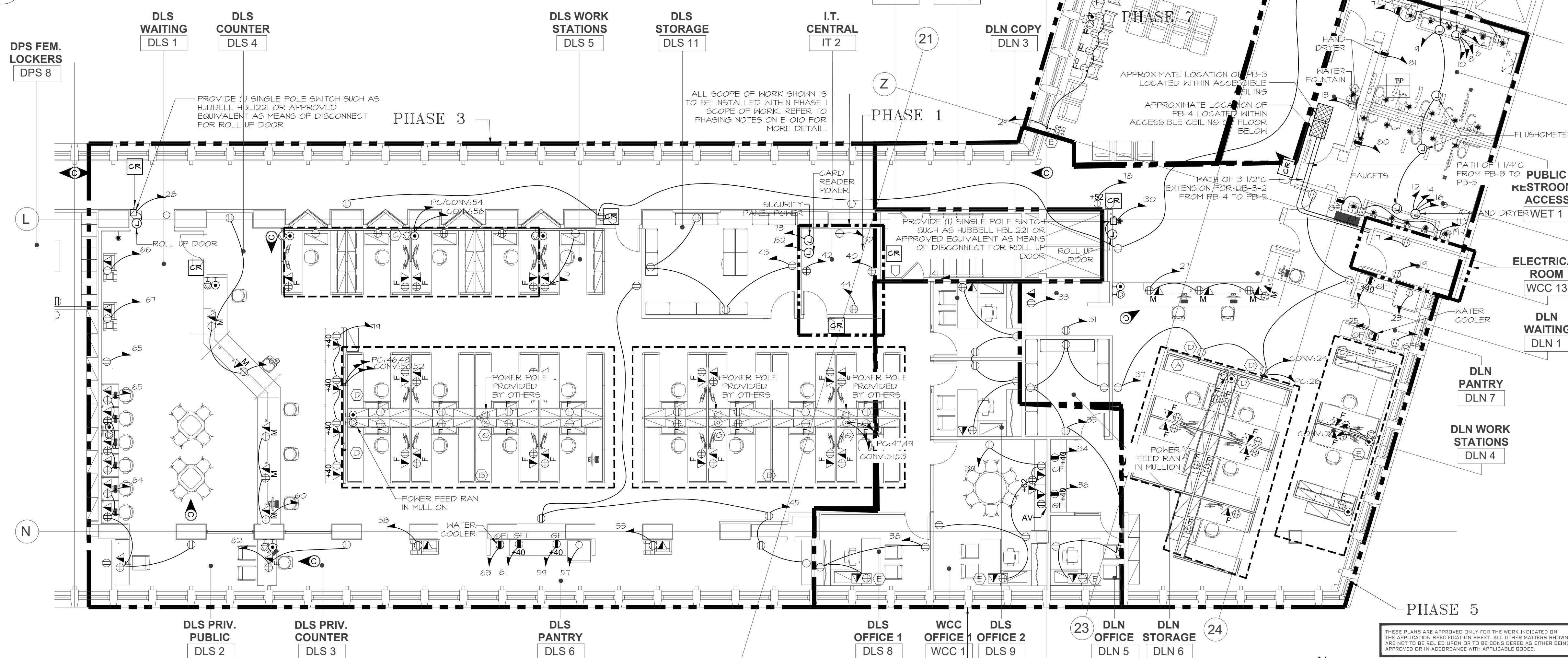
CONSULTANT SEAL		CONSULTANT INFORMATION	
		Graff & Lewent Architects LLP 90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989	
REVISION NUMBER	DATE	MADE BY	APP'D BY
RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		CONTRACTOR	
NAME:		NAME:	
SIGNATURE:		SIGNATURE:	
TITLE:		TITLE:	
DATE:		DATE:	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER E-101
DIVISION OF ENGINEERING		SHEET NO.	05 OF 15
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO.	REV NO. 0
ELECTRICAL PLAN - 3RD FLOOR WEST WING		52-01-E-592	

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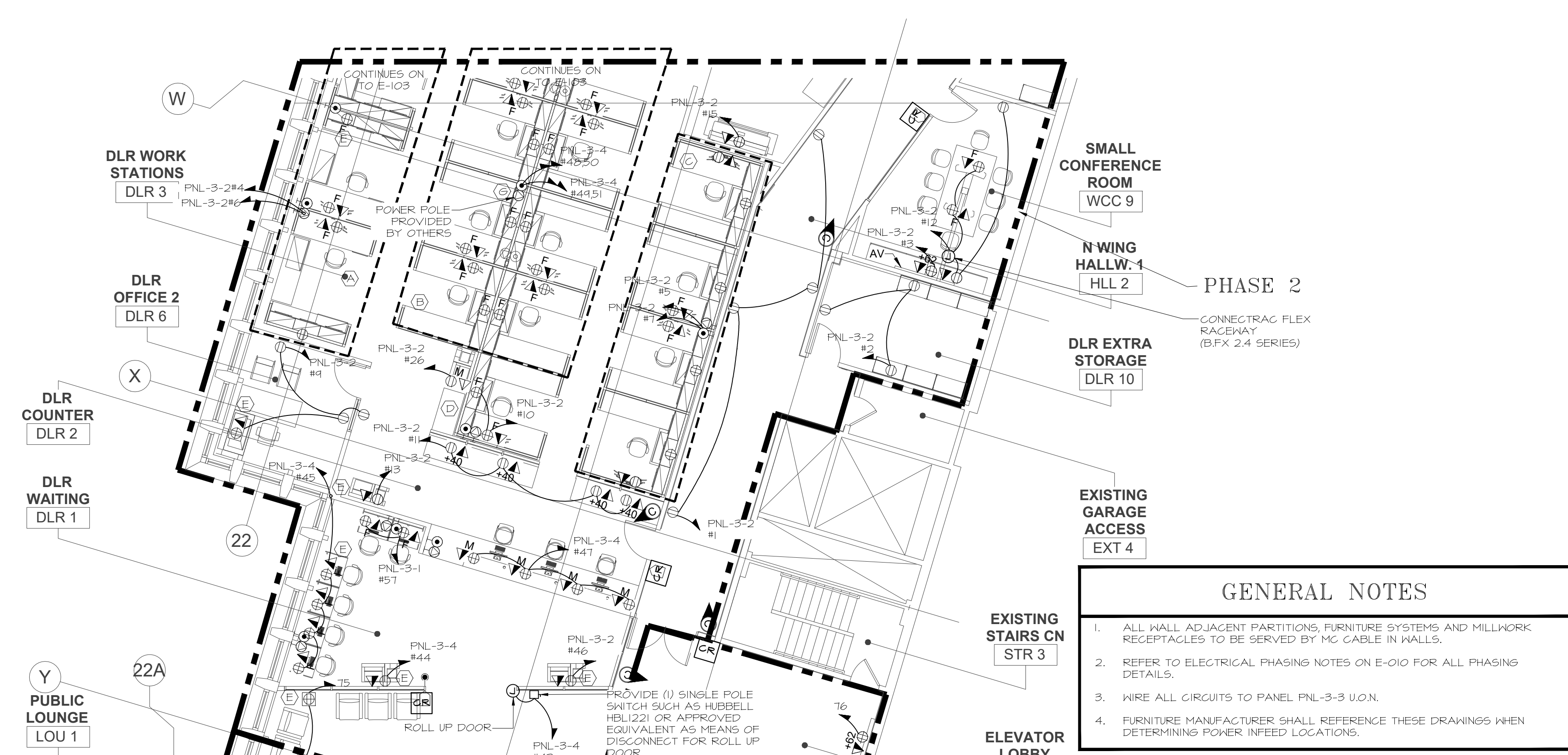
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2 ELECTRICAL PLAN - TEMPORARY OFFICE SPACE PHASE 1
E.102 3/32"=1'-0"



1 ELECTRICAL PLAN - 3RD FLOOR CENTRAL WING
E.102 1/8"=1'-0"

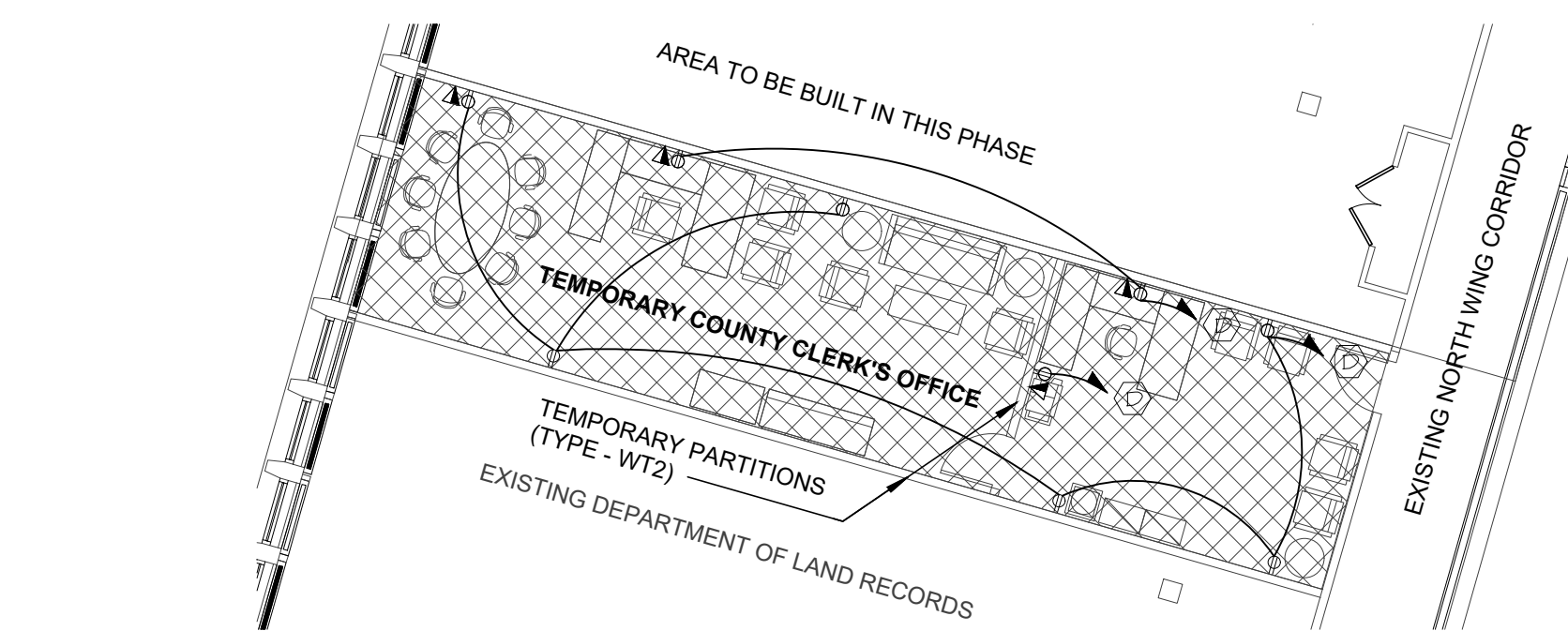


- ### GENERAL NOTES
- ALL WALL ADJACENT PARTITIONS, FURNITURE SYSTEMS AND MILLWORK RECEPTACLES TO BE SERVED BY MC CABLE IN WALLS.
 - REFER TO ELECTRICAL PHASING NOTES ON E-010 FOR ALL PHASING DETAILS.
 - WIRE ALL CIRCUITS TO PANEL PNL-3-3 U.O.N.
 - FURNITURE MANUFACTURER SHALL REFERENCE THESE DRAWINGS WHEN DETERMINING POWER INFEED LOCATIONS.

- ### CIRCUITING NOTES
- (A) REFER TO DETAIL #6 ON E-020 FOR "A" TYPICAL OPEN OFFICE FURNITURE BRANCH CIRCUITING WIRING CONFIGURATION. REVISE CIRCUITING LAYOUT AS REQUIRED FOR NON-TYPICAL WORKSTATION CONFIGURATION.
- (B) REFER TO DETAIL #1 ON E-020 FOR "B" TYPICAL OPEN OFFICE FURNITURE BRANCH CIRCUITING WIRING CONFIGURATION. REVISE CIRCUITING LAYOUT AS REQUIRED FOR NON-TYPICAL WORKSTATION CONFIGURATION.
- (C) REFER TO DETAIL #4 ON E-020 FOR "C" TYPICAL OPEN OFFICE FURNITURE BRANCH CIRCUITING WIRING CONFIGURATION. REVISE CIRCUITING LAYOUT AS REQUIRED FOR NON-TYPICAL WORKSTATION CONFIGURATION.
- (D) WORKSTATIONS SHALL BE POWERED WITH MC CABLE THAT SHALL BE RUN ABOVE CEILING AND DROP INSIDE ALUMINUM ENCLOSURES PROVIDED AS PART OF THE GLASS PARTITIONS. ENSURE CABLE IS SUPPORTED JUST ABOVE THE ALUMINUM COLUMN AND AS IT LEAVES THE COLUMN TO ENTER THE WORK STATION. (2) COLUMNS ARE PROVIDED PER GLASS WALL SECTION. THE ONE MARKED WITH HOMERUN ON PLAN SHALL BE USED FOR POWER AND THE OTHER USED FOR DATA. PROVIDE FINAL POWER CONNECTION VIA MC CABLE TO FURNITURE POWER TERMINATION BOX.
- (E) WORKSTATIONS AND FURNITURE ADJACENT TO PERIMETER FAN COILS SHALL BE POWERED WITH MC CABLE RUN ABOVE CEILING, DROPPED DOWN IN FURRED OUT EXTERIOR MULLION AND RUN PARALLEL TO EXTERIOR WALL FLUSH TO THE FLOOR WITHIN FAN COIL ENCLOSURE UNTIL THE CABLE REACHES THE LOCATION OF THE FURNITURE HARDWARE BOX. PROVIDE PROPERLY FASTENED CONDUIT SLEEVE FOR MC CABLE FROM FAN COIL ENCLOSURE TO FURNITURE HARDWARE BOX. PROVIDE 1-1/4" CONDUIT IN SEPARATE MULLION FOR FURNITURE DATA FEED. PROVIDE DATA FULL BOX FLUSH TO THE FLOOR WITHIN THE FAN COIL UNIT ENCLOSURE AND CONDUIT FLUSH TO FLOOR UNTIL FURNITURE DATA IN-FEED LOCATION IS REACHED. REFER TO ARCHITECTURAL SECTION OF FANCOILS.
- (F) PROVIDE TEMPORARY 1 POLE 20A CIRCUIT FROM PANEL PNL-3-2 WITH 2#12+1#26-3/4" C.
- (G) WORKSTATIONS SHALL BE POWERED WITH MC CABLE THAT SHALL BE RUN ABOVE CEILING AND DROP INSIDE POWER POLE ENCLOSURES PROVIDED BY OTHERS. POWER POLE INTEGRAL TO FURNITURE SYSTEM AND MAY REQUIRE FIELD MODIFICATION TO SUIT ROOM HEIGHTS.

CONSULTANT SEAL		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
REVISION		DATE	MADE BY
RECORD DRAWING CERTIFICATION			
AS BUILT - CHANGES AS NOTED			
AS BUILT - NO CHANGES			
CONTRACTOR		CONTRACTOR	
NAME:		NAME:	
SIGNATURE:		SIGNATURE:	
TITLE:		TITLE:	
DATE:		DATE:	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 06 OF 15	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: MAY 20, 2021	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	
ELECTRICAL PLAN - 3RD FLOOR CENTRAL WING		52-01-E-593	
		REV NO. 0	





A detailed floor plan of the temporary legal offices. The plan shows a rectangular room with a grid pattern, divided into several smaller offices by partitions. A label 'TEMPORARY LEGAL OFFICES' points to the main area. A dashed line indicates a 'TEMP. PARTITION (TYPE - WT3)' separating a section of the plan. The plan includes numbered circles (1-6) and letters (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) marking specific locations. A door is shown at the bottom right, and a staircase is indicated by a dashed line at the top right.

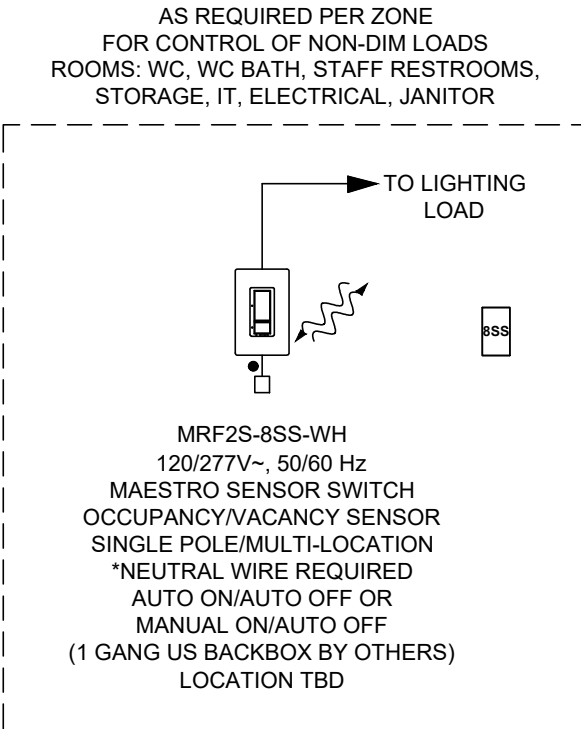
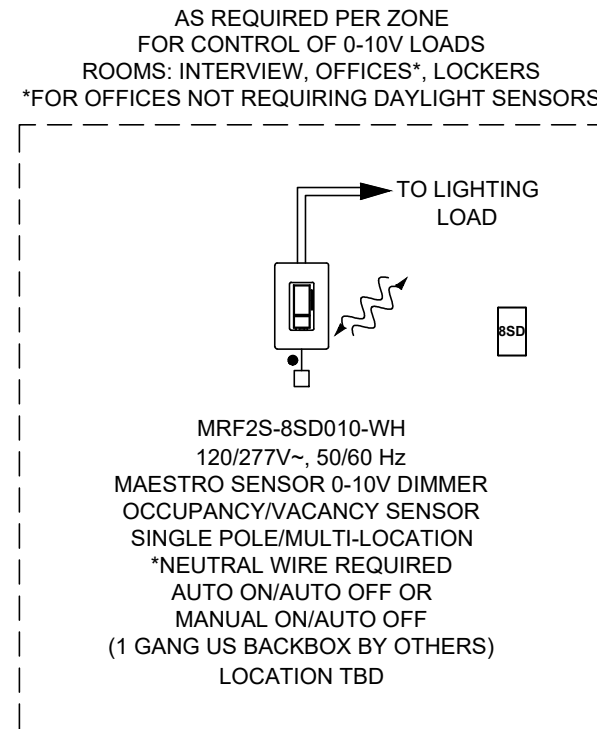
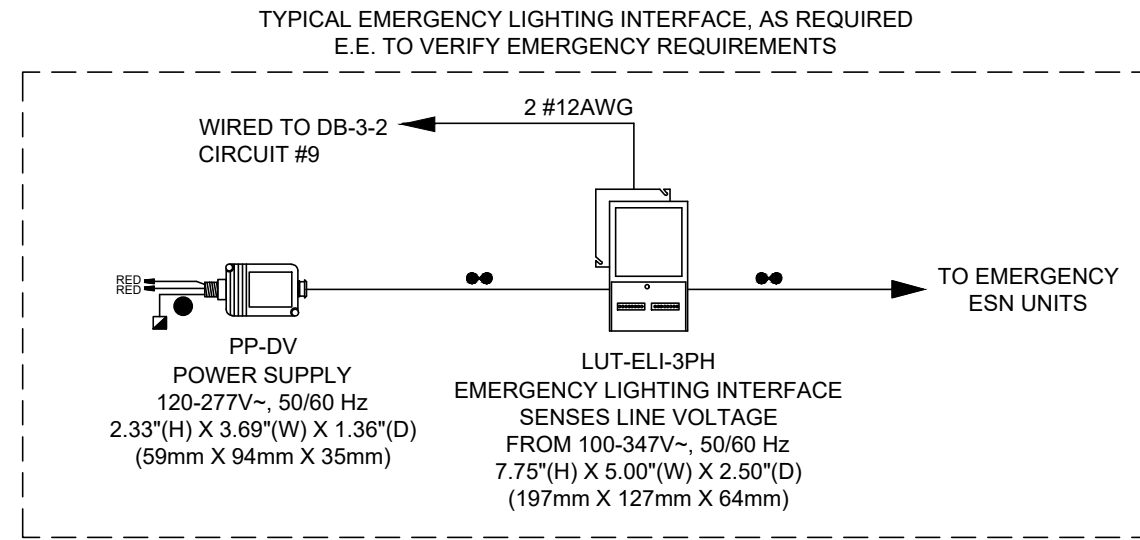
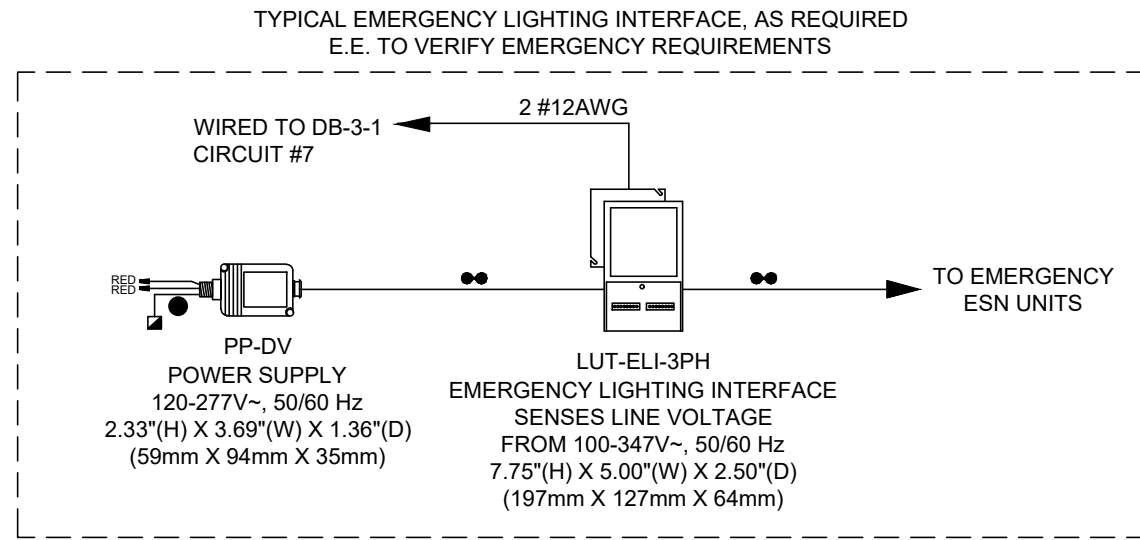
GENERAL NOTES	
1.	REFER TO ELECTRICAL PHASING NOTES ON E-010 FOR ALL PHASING DETAILS.
2.	WIRE ALL CIRCUITS TO PANEL PNL-3-I U.O.N.
3.	FURNITURE MANUFACTURER SHALL REFERENCE THESE DRAWINGS WHEN DETERMINING POWER INFEED LOCATIONS.

KEY NOTES	
①	WIRE ANY ADDITIONAL EXISTING CIRCUITS SERVING WCC 6 RECEPTION AND WCC 7 CLERK OFFICE TO 1 POLE 20A SPARE CIRCUITS IN PANEL PNL-3-2. EXTEND 2H2H120-3/4 C AS REQUIRED.
②	SEE E-101 FOR CIRCUITING OF FURNITURE SYSTEM.

CIRCUITING NOTES

- (A) REFER TO DETAIL #6 ON E-020 FOR TYPICAL OPEN OFFICE BRANCH CIRCUITING WIRING CONFIGURATION. REVISE CIRCUITING LAYOUT AS REQUIRED FOR NON-TYPICAL WORKSTATION CONFIGURATION.
- (B) REFER TO DETAIL #7 ON E-020 FOR "BI" TYPICAL OPEN OFFICE FURNITURE BRANCH CIRCUITING WIRING CONFIGURATION. REVISE CIRCUITING LAYOUT AS REQUIRED FOR NON-TYPICAL WORKSTATION CONFIGURATION.
- (C) WORKSTATIONS AND FURNITURE ADJACENT TO PERIMETER FAN COILS SHALL BE POWERED WITH MC CABLE RUN ABOVE CEILING, DROPPED DOWN IN FURRED OUT EXTERIOR MILLION, AND RUN PARALLEL TO EXTERIOR WALL FLUSH TO THE FLOOR WITHIN FAN COIL UNTIL THE FAN COIL UNIT ENCLOSURE AND THE LOCATION OF THE FURNITURE HARDWARE BOX. PROVIDE PROPERLY FASTENED CONDUIT SLEEVE FOR MC CABLE FROM FAN COIL ENCLOSURE TO FURNITURE HARDWARE BOX. PROVIDE 1/4" CONDUIT IN SEPARATE MILLION FOR FURTHER DATA FEED. PROVIDE DATA PULL BOX FLUSH TO THE FLOOR WITHIN THE FAN COIL UNIT ENCLOSURE AND CONDUIT FLUSH TO FLOOR UNTIL FURNITURE DATA IN-FEED LOCATION IS REACHED. REFER TO ARCHITECTURAL SECTION OF FANCOILS.
- (D) PROVIDE TEMPORARY 1 POLE 20A CIRCUIT FROM PANEL PNL-3-2 WITH 2P/2C/2G/2B/2Y/2G
- (E) WORKSTATIONS SHALL BE POWERED WITH MC CABLE THAT SHALL BE RUN ABOVE CEILING AND DROP INSIDE POWER POLE ENCLOSURES PROVIDED BY OTHERS. POWER POLE INTEGRAL TO FURNITURE SYSTEM AND MAY REQUIRE FIELD MODIFICATION TO SUIT ROOM HEIGHTS.

CONSULTANT SEAL 	CONSULTANT INFORMATION <h1 style="margin: 0;">Graf & Lewent</h1> <h2 style="margin: 0;">Architects LLP</h2> <p style="margin: 0;">90-30 161st Street, Jamaica, NY 11432 P: 718-651-6200 F: 718-251-6989</p>											
Drawing Area												
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 LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 ELECTRICAL PLAN - 3RD FLOOR NORTH WING				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"> CONTRACT NUMBER 19-514 </td> <td style="width: 70%;"> SHEET NUMBER <div style="font-size: 2em; font-weight: bold; text-align: center;">E-103</div> </td> </tr> <tr> <td colspan="2"> SHEET NO. 07 OF 15 </td> </tr> <tr> <td colspan="2"> SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-E-594 </td> </tr> <tr> <td colspan="2" style="text-align: right;"> REV NO. </td> </tr> </table>	CONTRACT NUMBER 19-514	SHEET NUMBER <div style="font-size: 2em; font-weight: bold; text-align: center;">E-103</div>	SHEET NO. 07 OF 15		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-E-594		REV NO.	
CONTRACT NUMBER 19-514	SHEET NUMBER <div style="font-size: 2em; font-weight: bold; text-align: center;">E-103</div>											
SHEET NO. 07 OF 15												
SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-E-594												
REV NO.												



WIRING LEGEND:

- △ QS CONTROL LINK (SEE WIRE DESCRIPTION BELOW)
- ▲ QS CONTROL LINK (SEE WIRE DESCRIPTION BELOW)
(CONNECT WIRES 1, 3 AND 4. DO NOT CONNECT WIRE # 2)

QS WIRING AS REQUIRED BY CONTROL LINK LENGTH
(REFER TO QS SMART PANEL POWER SUPPLY WIRING GUIDE FOR SHADE WIRING NOTES):

TOTAL CONTROL LINK LENGTH	WIRE GAUGE	AVAILABLE FROM LUTRON IN ONE CABLE:
LESS THAN 500ft (152.4 m)	POWER (TERMINALS 1&2): 1 PAIR 18 AWG (1.0 mm²) DATA (TERMINALS 3&4): 1 PAIR 22 AWG (0.5 mm²), TWISTED AND SHIELDED*	GRX-CBL-346S (NON-PLENUM) OR GRX-PCBL-346S (PLENUM)
500ft (152.4 m) TO 2,000ft (610 m)**	POWER (TERMINALS 1&2): 1 PAIR 12 AWG (4.0 mm²) DATA (TERMINALS 3&4): 1 PAIR 22 AWG (0.5 mm²), TWISTED AND SHIELDED*	GRX-CBL-46L (NON-PLENUM) OR GRX-PCBL-46L (PLENUM)

*ALTERNATE DATA-ONLY CABLE: USE APPROVED DATA LINK CABLE (22 AWG [0.5 mm²] TWISTED/SHIELDED) FROM BELDEN (MODEL # 9461).

**TOTAL LENGTH OF THE QS LINK MUST NOT EXCEED 2,000 ft (600 m).

- INPUT POWER (NORMAL-EMERGENCY)
- INPUT POWER (NORMAL)
- 2 #12AWG (4 mm²)
- 0-10V SIGNAL: 2 #18AWG (1.0 mm²)
- CONTACT CLOSURE SIGNAL: 2 #18AWG (1.0 mm²)
- 1-WAY RF COMMUNICATION
- 2-WAY RF COMMUNICATION
- CAT5E OR BETTER CABLE FOR LUTRON NETWORK TERMINATED WITH RJ45 CONNECTORS. 328 ft (100 m) MAXIMUM RUN.

WIRING NOTES:

QS LINK RULES

THE FOLLOWING LINK RULES MUST BE OBSERVED FOR PROPER OPERATION:

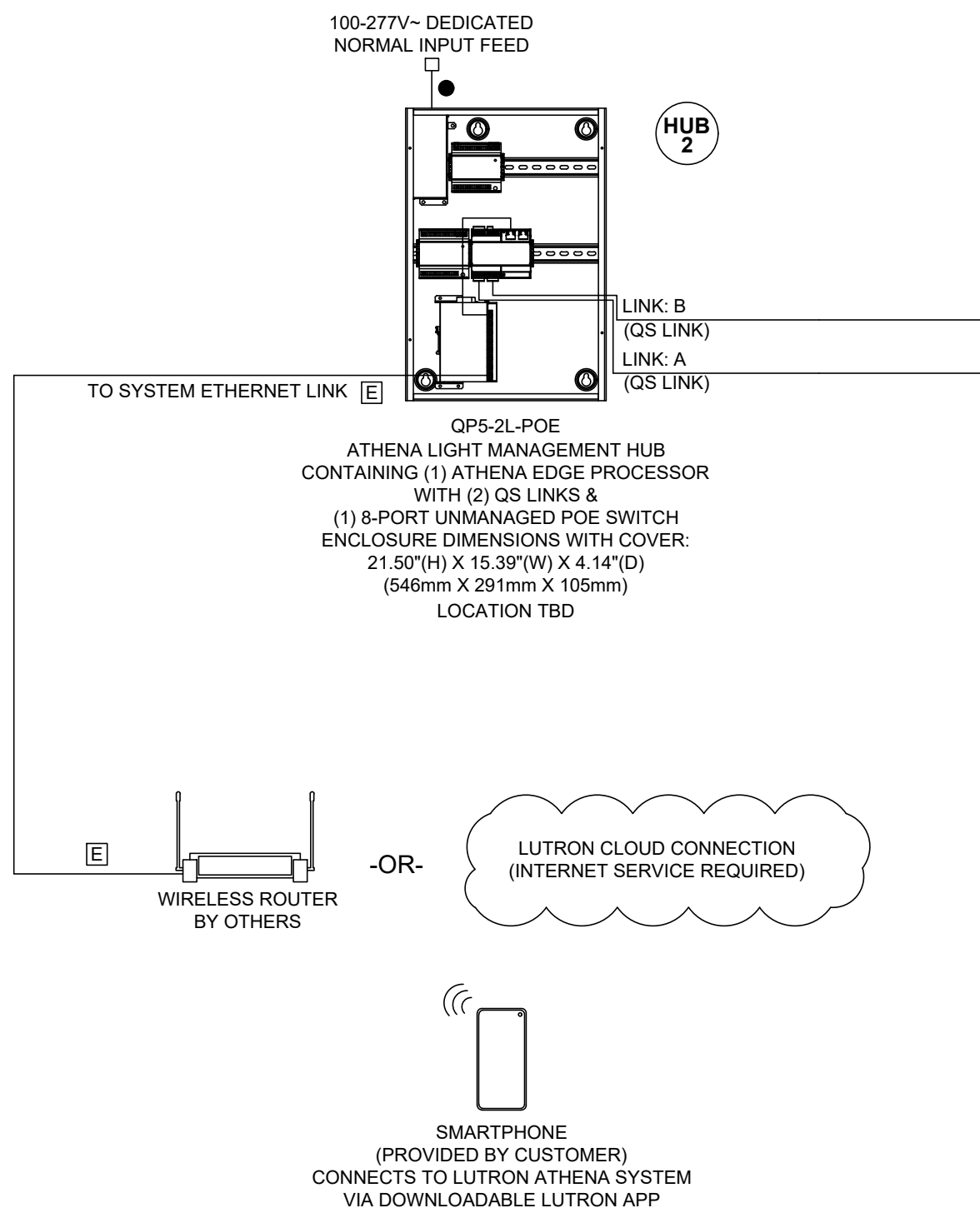
- THIS IS A TOPOLOGY-FREE LINK (T-TAP, HOME-RUN, ETC. IS OK); REFER TO TABLE IN WIRING LEGEND FOR WIRE RUN LIMITS.
- IF WIRED DIFFERENTLY THAN WHAT IS SHOWN, POWER DRAW UNIT REQUIREMENTS NEED TO BE CONFIRMED; SEE POWER DRAW UNITS (PDU) SPECIFICATION SHEET.
- FOR 2-LINK EDGE PROCESSORS (QPS-2L-POE & QPS-4L-POE) PER LINK LIMITS ARE:
 - MAXIMUM OF 512 SWITCHLEGS (DIMMED/SWITCHED OUTPUTS, DIGITALLY ADDRESSABLE DEVICES, A SINGLE DMX CHANNEL, CONTACT CLOSURE OUTPUTS, SHADE DRIVES).
 - MAXIMUM OF 100 OCCUPANCY SENSORS, 100 DAYLIGHT SENSORS, AND 100 KEYPADS.
 - MAXIMUM OF 100 QS DEVICES (SUCH AS A SEETOUCH QS KEYPAD, SMART PANEL POWER SUPPLY (QSPS-10PNL), ESN, OR QS SHADE / DRAPERY DRIVE UNIT). EDGE PROCESSOR COUNTS AS 1 DEVICE PER LINK.
 - MAXIMUM OF 100 ZONES - SUCH AS A QS SHADE / DRAPERY DRIVE UNIT.
 - THE 10 OUTPUTS ON A QSPS-10PNL CANNOT EXCEED A COMBINED LENGTH OF 2,000 ft (600 m).
- FOR 1-LINK EDGE PROCESSORS (QPS-1L-POE & QPS-1L) PER LINK LIMITS ARE:
 - MAXIMUM OF 256 SWITCHLEGS (DIMMED/SWITCHED OUTPUTS, DIGITALLY ADDRESSABLE DEVICES, A SINGLE DMX CHANNEL, CONTACT CLOSURE OUTPUTS, SHADE DRIVES).
 - MAXIMUM OF 25 OCCUPANCY SENSORS, 25 DAYLIGHT SENSORS, AND 25 KEYPADS.
 - MAXIMUM OF 25 QS DEVICES (SUCH AS A SEETOUCH QS KEYPAD, SMART PANEL POWER SUPPLY (QSPS-10PNL), ESN, OR QS SHADE / DRAPERY DRIVE UNIT). EDGE PROCESSOR COUNTS AS 1 DEVICE PER LINK.
 - MAXIMUM OF 100 ZONES - SUCH AS A QS SHADE / DRAPERY DRIVE UNIT.
 - THE 10 OUTPUTS ON A QSPS-10PNL CANNOT EXCEED A COMBINED LENGTH OF 2,000 ft (600 m).

ATHENA SYSTEM ETHERNET LINK

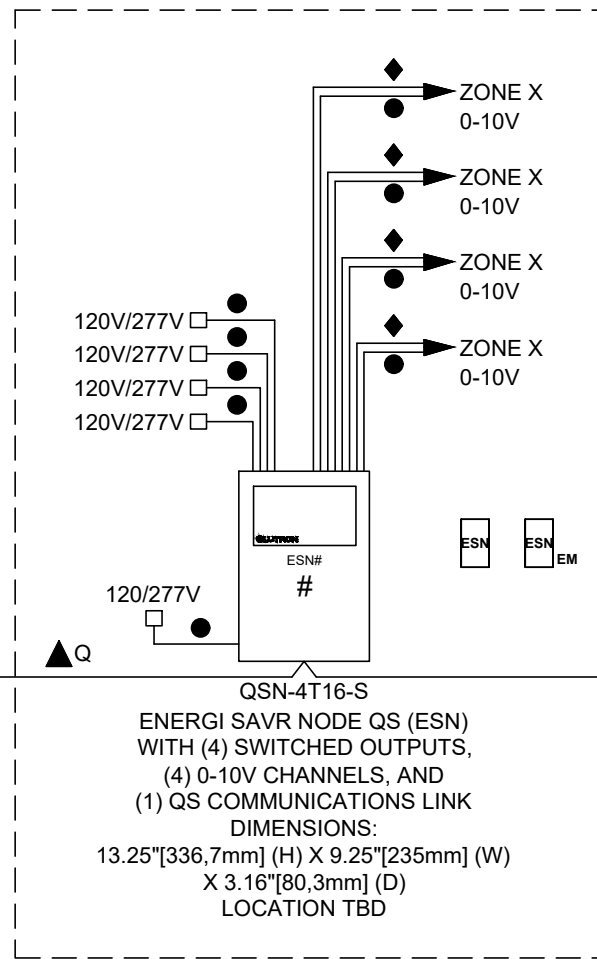
CAT5E OR BETTER ETHERNET CABLE TO BE RUN FOR SYSTEM ETHERNET LINK. TERMINATED WITH RJ45 CONNECTORS. SYSTEM ETHERNET LINK WIRING USES A STANDARD ETHERNET CONNECTION. ALL WIRING MUST COMPLY WITH IEEE 802.3 STANDARDS. TOTAL LENGTH OF ETHERNET CABLE SHALL NOT EXCEED 328 FT (100M) POINT-TO-POINT. THIS APPLIES FOR INTERPROCESSOR COMMUNICATION AND COMMUNICATION LINES TO LUTRON ATHENA CLEAR CONNECT - TYPE X GATEWAYS. USE LUTRON'S Q-POE-PNL OR UNMANAGED ETHERNET SWITCHES FOR LONGER DISTANCES. LUTRON ATHENA CLEAR CONNECT - TYPE X GATEWAYS MUST BE CONNECTED TO A POE CAPABLE SWITCH THAT MEETS IEEE 802.3af-2003 OR 802.3bt-2009 REQUIREMENTS.

PROCESSORS CANNOT BE DAISY-CHAINED. DO NOT DAISY CHAIN PROCESSORS USING THE SECOND ETHERNET PORT. THE SECOND ETHERNET CONNECTION IS USED FOR SERVICE DIAGNOSTICS ONLY. EACH PROCESSOR MUST BE CONNECTED TO AN ETHERNET SWITCH.

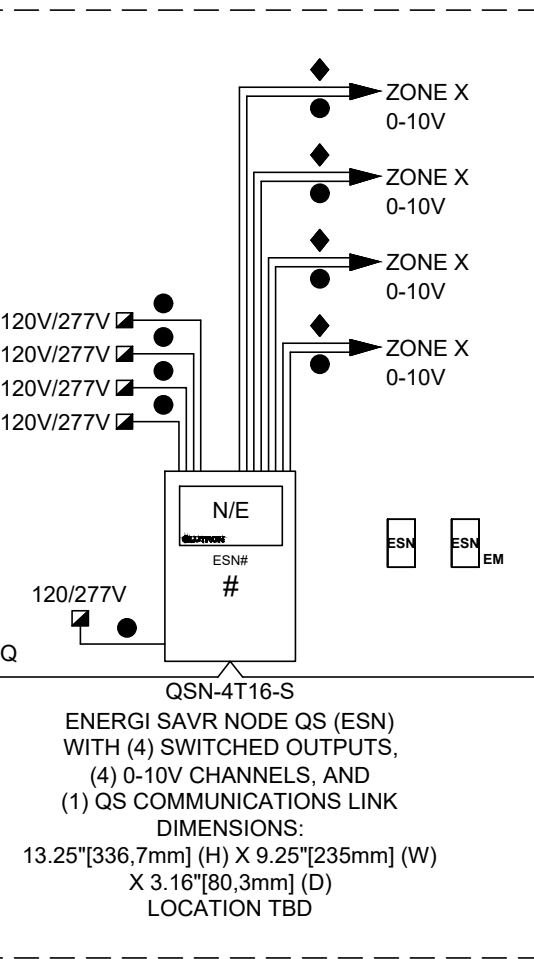
A MAXIMUM OF (5) ATHENA EDGE PROCESSORS MAY BE CONNECTED AS A SINGLE ATHENA SYSTEM, IN ADDITION TO UP TO (10) ATHENA CLEAR CONNECT - TYPE X GATEWAYS.



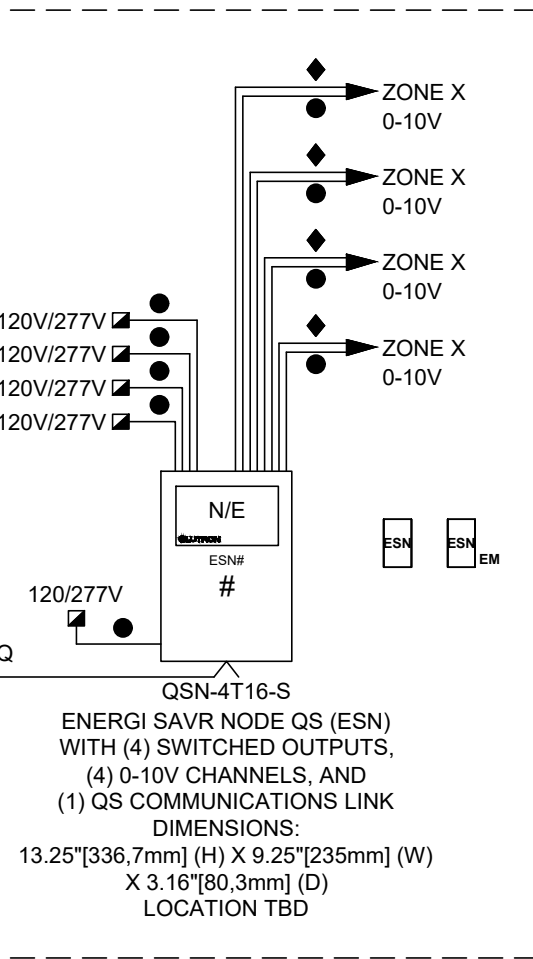
MINIMUM OF (19) REQUIRED FOR CONTROL OF UP TO (4) NORMAL / EMERGENCY 0-10V ZONES E.C. TO DETERMINE TOTAL QTY



AS REQUIRED FOR CONTROL OF UP TO (4) NORMAL / EMERGENCY 0-10V ZONES E.C. TO DETERMINE TOTAL QTY



AS REQUIRED FOR CONTROL OF UP TO (4) EMERGENCY 0-10V ZONES E.C. TO DETERMINE TOTAL QTY

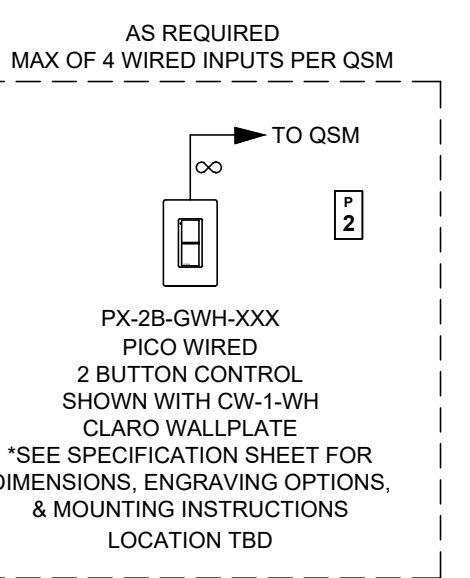
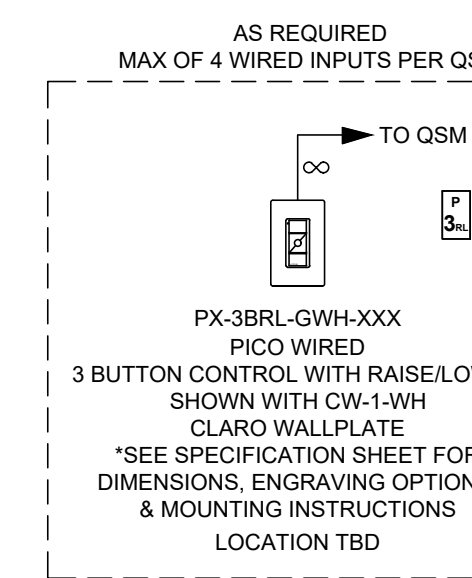
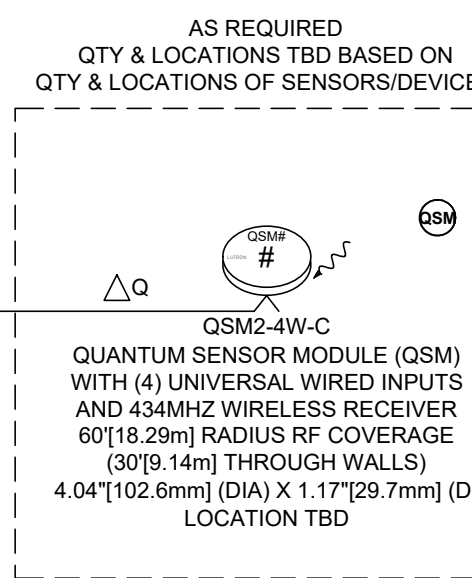
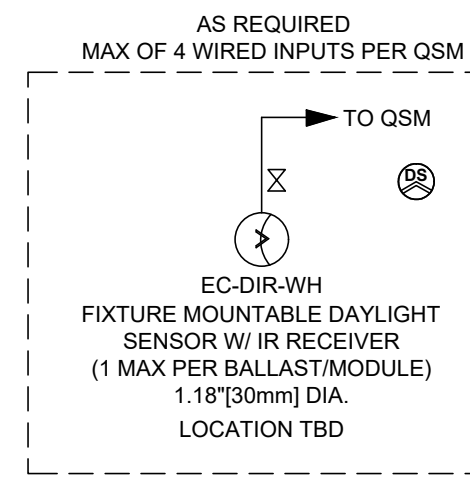
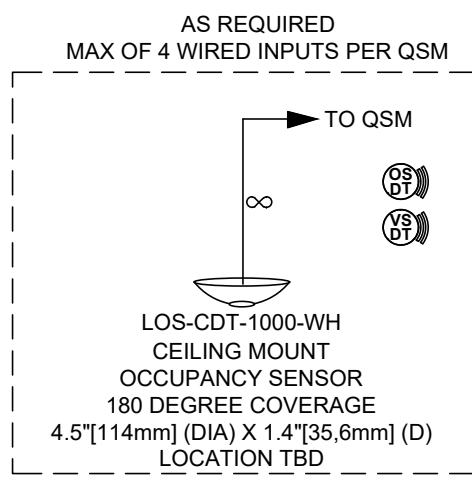
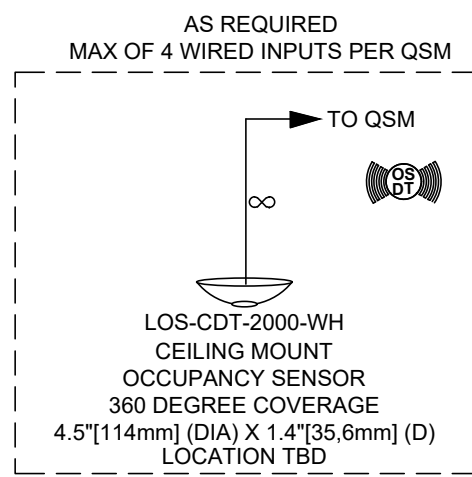


CONCEPT DRAWING NOTES:
THIS SYSTEM DRAWING IS PROVIDED FOR CONCEPTUAL PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION. EXACT EQUIPMENT REQUIREMENTS, INCLUDING LOCATIONS AND QUANTITIES, SHOULD BE VERIFIED IN ACCORDANCE WITH THE MOST UP-TO-DATE LIGHTING/ELECTRICAL REFLECTED CEILING PLANS, LIGHTING FIXTURE SCHEDULES, PANEL SCHEDULES, CONTROL INTENT AND SPECIFICATIONS. SHADE EQUIPMENT SHOULD BE VERIFIED IN ACCORDANCE WITH ARCHITECTURAL PLANS, SPECIFICATIONS AND WINDOW SCHEDULES/DETAILS.

LED DIMMING REQUIRES AN EXACT MATCH BETWEEN THE LED ARRAY, DRIVER AND CONTROL. LUTRON CANNOT GUARANTEE COMPATIBILITY OR PERFORMANCE WITHOUT TESTING THIS COMBINATION.
TO CONFIRM WHAT PRODUCTS LUTRON HAS AVAILABLE OR WHAT INTERFACES MAY BE REQUIRED, CALL 1-877-DIM-LED8 OR CHECK LUTRON'S PRODUCT COMPATIBILITY MATRIX ON-LINE AT WWW.LUTRON.COM/LED.
TO REQUEST THE TESTING OF AN LED PRODUCT BY LUTRON MANUFACTURERS CAN FILL OUT AN LED EVALUATION REQUEST FORM ON-LINE AT WWW.LUTRON.COM/LED OR CONTACT LED@LUTRON.COM.

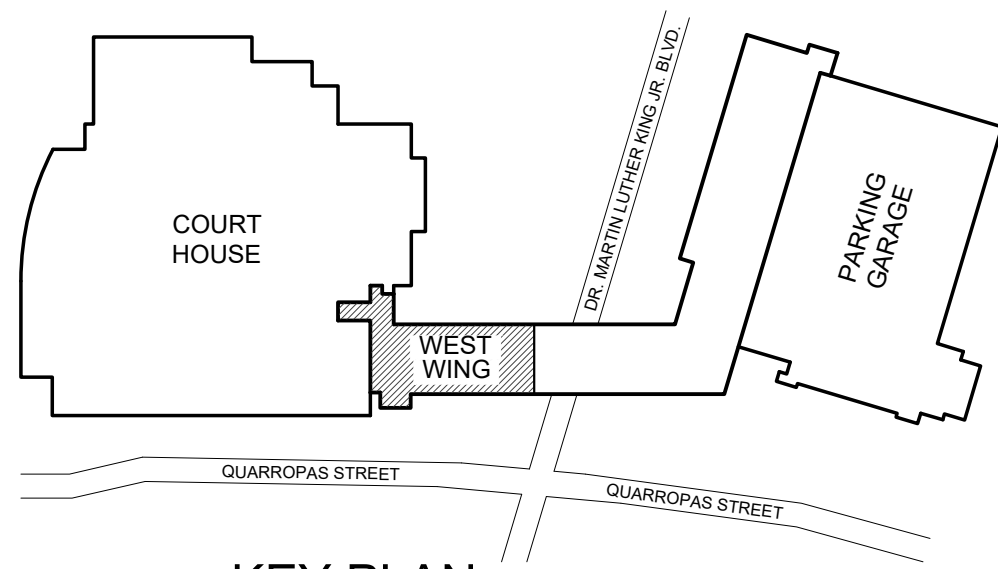
IF USING UNTESTED, NON-LUTRON LED DRIVERS REQUIRING 0-10V CONTROL, PERFORMANCE AND COMPATIBILITY CANNOT BE GUARANTEED BY LUTRON. PRODUCTS FOLLOWING THE IEC STANDARD 60929 ARE MORE LIKELY TO PROVIDE ACCEPTABLE PERFORMANCE RESULTS. DETERMINATION OF RESULT ACCEPTABILITY IS UP TO THE USER'S DISCRETION.

IF USING UNTESTED, NON-LUTRON LED DRIVERS REQUIRING PHASE CONTROL, PERFORMANCE AND COMPATIBILITY CANNOT BE GUARANTEED BY LUTRON. ELV PRODUCTS PROVIDING HIGH END AND LOW END TRIM ADJUSTMENTS OR LUTRON H-LUME 1% 2-WIRE DRIVERS ARE MORE LIKELY TO PROVIDE ACCEPTABLE PERFORMANCE RESULTS. DETERMINATION OF RESULT ACCEPTABILITY IS UP TO THE USER'S DISCRETION.

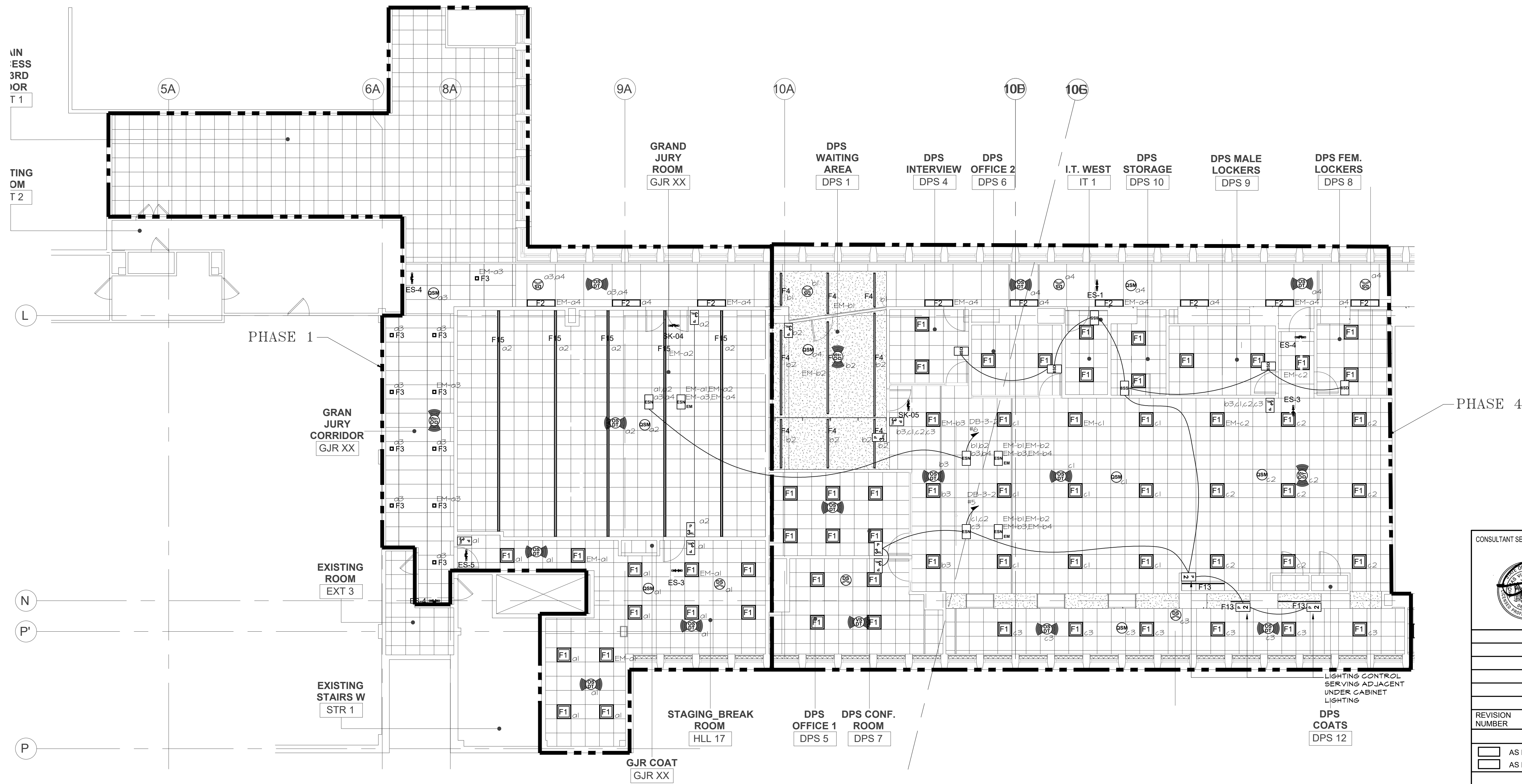


DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION

CONSULTANT SEAL		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	APPD BY
REVISION			
RECORD DRAWING CERTIFICATION			
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TITLE: _____		TITLE: _____	
DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER E-199
DIVISION OF ENGINEERING		SHEET NO. 08 OF 15	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-E-595	
LIGHTING CONTROL ONE LINE DIAGRAM		REV NO. 0	



K KEY PLAN
N.T.S.



GENERAL NOTES

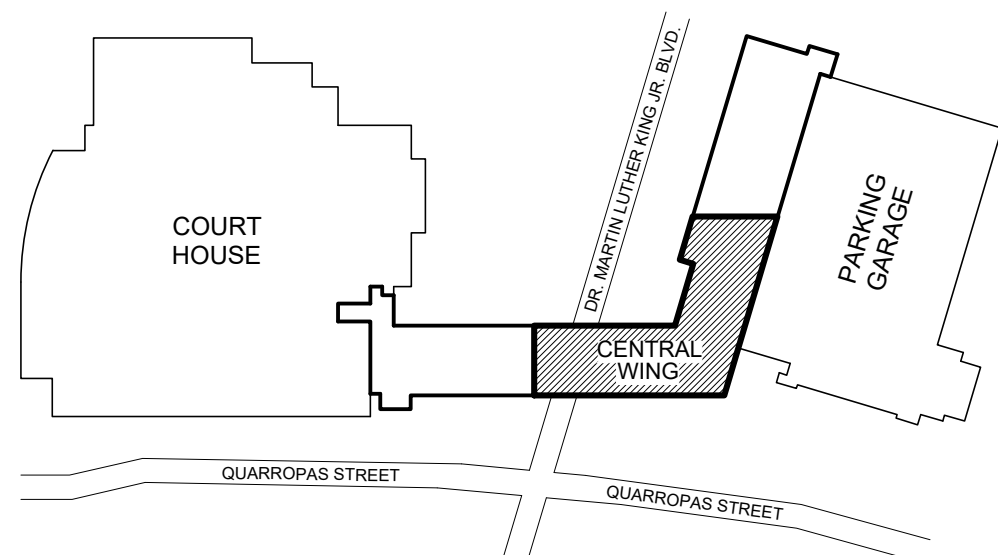
1. REFER TO ARCHITECTURAL PLANS FOR ALL LIGHTING FIXTURE LOCATIONS AND LIGHTING FIXTURE SWITCHES.
2. ALL EMERGENCY LIGHTING SHOWN ON E-201 TO BE CIRCUITED TO 1 POLE 20A CIRCUIT BREAKER IN EXISTING EMERGENCY PANEL LP-TS-E3 LOCATED WITHIN COURTHOUSE BUILDING WITH LUT-ELI-3PH. SEE E-090 DETAIL #4 FOR APPROXIMATE LOCATION OF PANEL.
3. REFER TO ELECTRICAL PHASING NOTES ON E-010 FOR ALL PHASING DETAILS.
4. LIGHTING FIXTURES ARE TO BE TAKEN AT 277V U.O.N.
5. WIRE ALL EXIT SIGN TO EXISTING CIRCUIT SERVING EXISTING EXIT SIGNS.
6. DESIGN INTENT IS FOR ALL ENS, GSM AND ATHENA HUBS ARE TO BE LOCATED WITHIN CEILING ABOVE ENS AND GSM DEVICES ARE SHOWN FOR CIRCUITING INTENT ONLY.
7. ATHENA HUB TO BE INSTALLED WITHIN PHASE 1.

CONSULTANT SEAL		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			
RECORD DRAWING CERTIFICATION			
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TITLE: _____		TITLE: _____	
DATE: _____		DATE: _____	
WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 09 OF 15	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: MAY 20, 2021	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	
LIGHTING PLAN - 3RD FLOOR WEST WING		52-01-E-596	
		REV NO. 0	

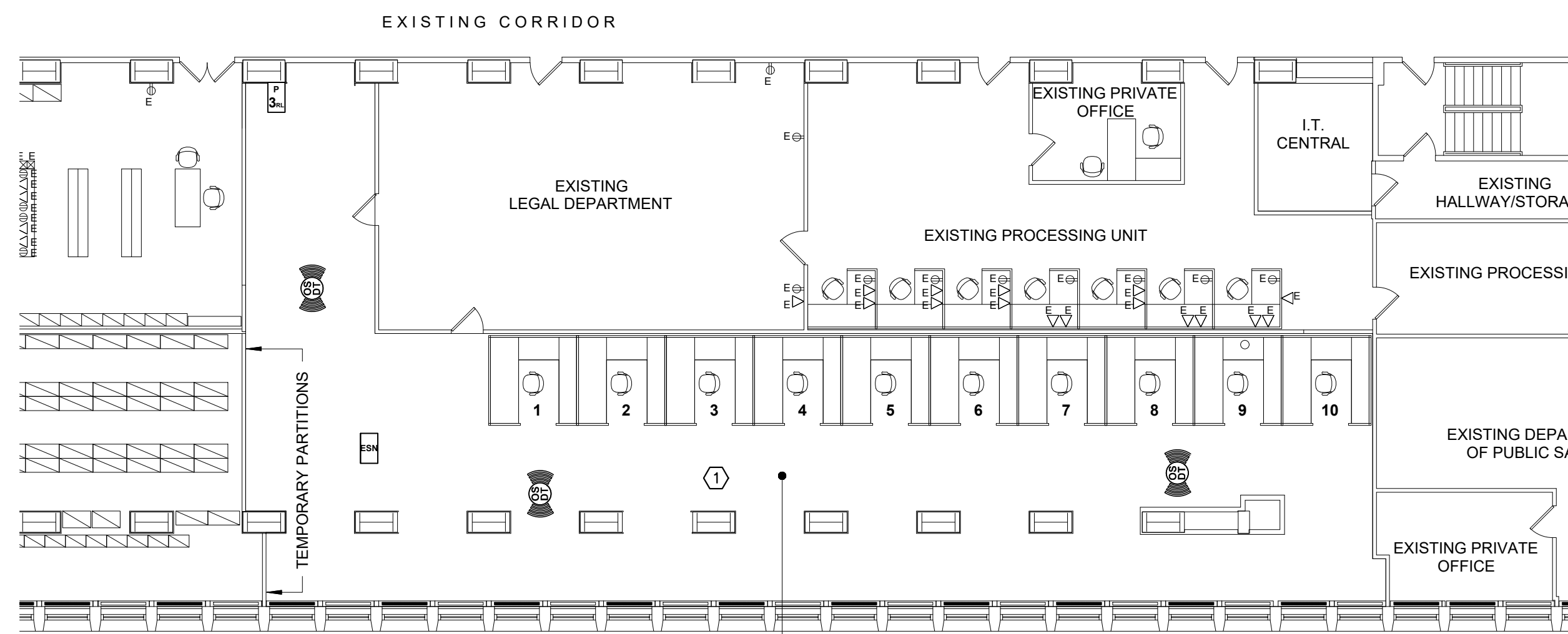
1 LIGHTING PLAN - 3RD FLOOR WEST WING
E.201 1/8"=1'-0"

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.

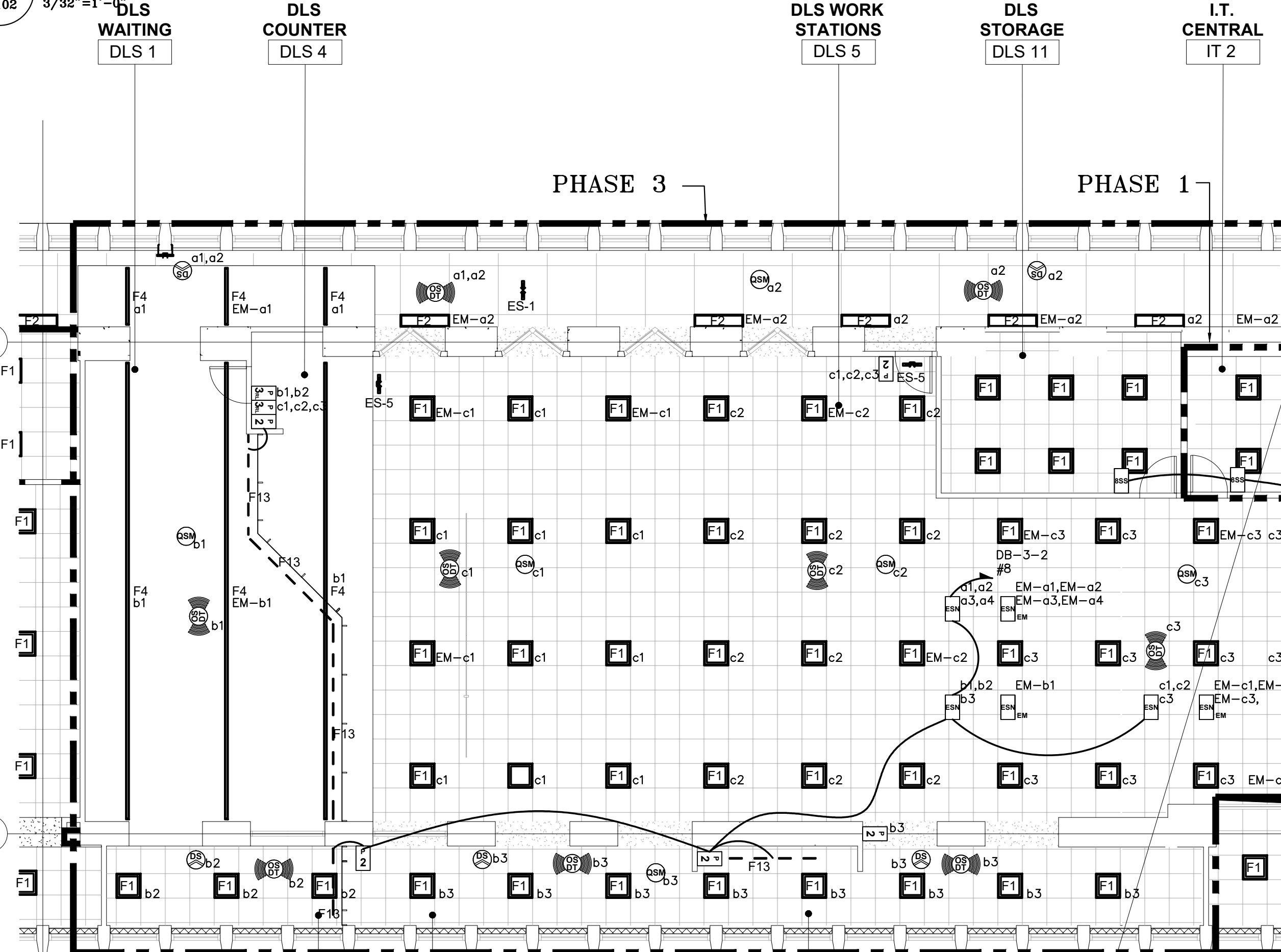
POLISE
CONSULTING ENGINEERS DPC
133 WEST 19TH STREET
NEW YORK, NY 10011
TEL 212.645.1002
WWW.POLISEENGINEERS.COM



KEY PLAN
N.T.S.



2 LIGHTING PLAN - TEMPORARY OFFICE SPACE PHASE 1
E.102 3/32"=1'-0"



1 LIGHTING PLAN - 3RD FLOOR CENTRAL WING
E.202 1/8"=1'-0"

PHASE 6

PHASE 5

PHASE 4

PHASE 3

PHASE 2

PHASE 1

PHASE 0

PHASE -1

PHASE -2

PHASE -3

PHASE -4

PHASE -5

PHASE -6

PHASE -7

PHASE -8

PHASE -9

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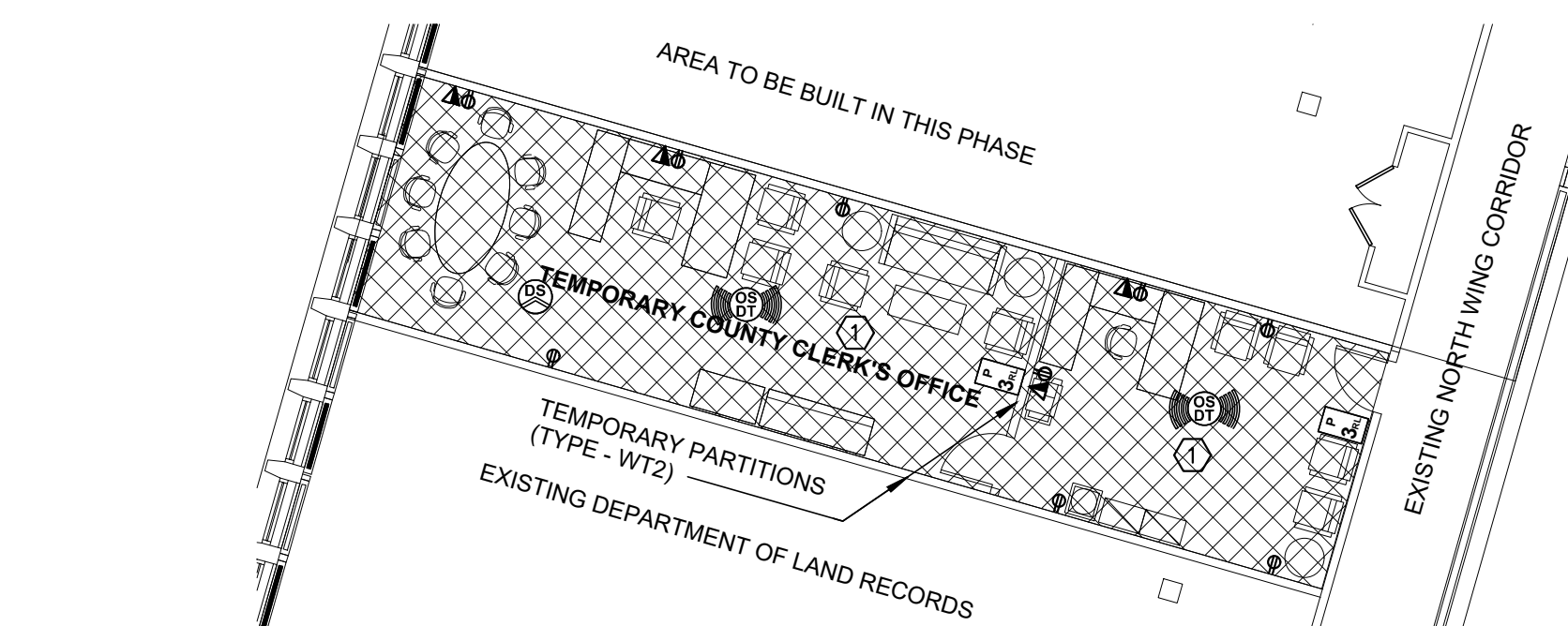
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A detailed floor plan of the temporary legal offices. The plan shows a rectangular room with a grid pattern. The room is divided into several numbered areas (1 through 10) and a central area labeled 'TEMP. PARTITION (TYPE - WT3)'. A callout box labeled 'TEMPORARY LEGAL OFFICES' points to the main area. The plan also shows a staircase and a door labeled 'EXIT'.

[illegible]

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1. REFER TO ARCHITECTURAL PLANS FOR ALL LIGHTING FIXTURE LOCATIONS AND LIGHTING FIXTURE SWITCHES.
2. ALL EMERGENCY LIGHTING SHOWN ON E-202 TO BE CIRCUITED TO 1 POLE 20A CIRCUIT BREAKER IN EXISTING EMERGENCY PANEL LP-TS-E3 LOCATED WITHIN COURTHOUSE BUILDING. SEE E-030 DETAIL #4 FOR APPROXIMATE LOCATION OF PANEL.
3. REFER TO ELECTRICAL PHASING NOTES ON E-010 FOR ALL PHASING DETAILS.
4. LIGHTING FIXTURES ARE TO BE TAKEN AT 277V U.O.N.
5. WIRE ALL EXIT SIGN TO EXISTING CIRCUIT SERVING EXISTING EXIT SIGNS.
6. DESIGN INTENT IS FOR ALL ENS, QSM, AND ATHENA HUBS ARE TO BE LOCATED WITHIN CEILING ABOVE. ENS AND QSM DEVICES ARE SHOWN FOR CIRCUITING INTENT ONLY.

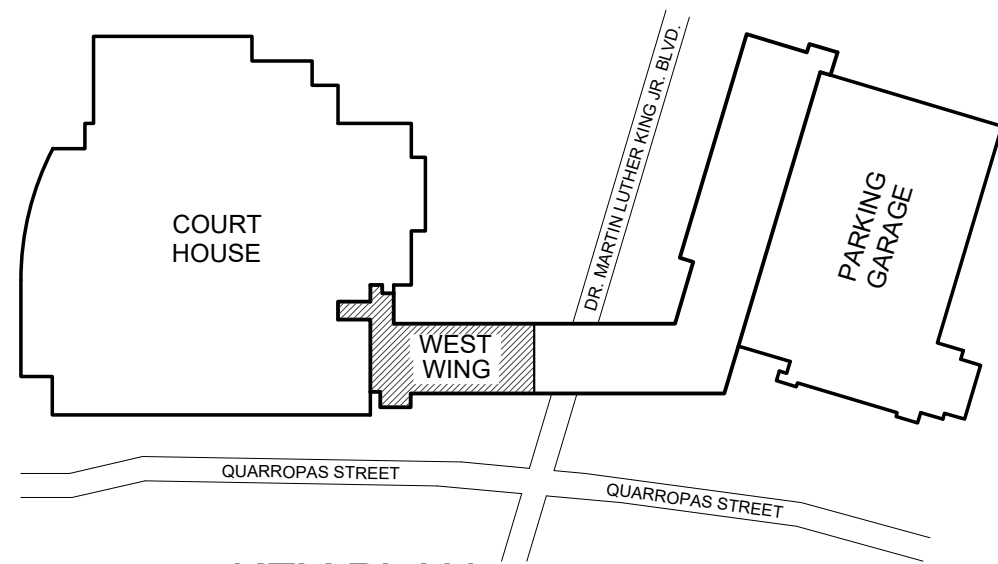
① WIRE TEMPORARY LIGHTING FIXTURES AND LIGHTING CONTROLS SERVING SPACE TO 1 POLE 20A CIRCUIT IN PANEL DB-3-1 WITH 2#12+1#12G-3/4".

CONSULTANT SEAL 	CONSULTANT INFORMATION <h2 style="text-align: center; margin: 0;">Graf & Lewent</h2> <h3 style="text-align: center; margin: 0;">Architects LLP</h3> <p style="text-align: center; font-weight: bold;">90-30 161st Street, Jamaica, NY 11432 P : 718-651-6200 F : 718-251-6989</p>			
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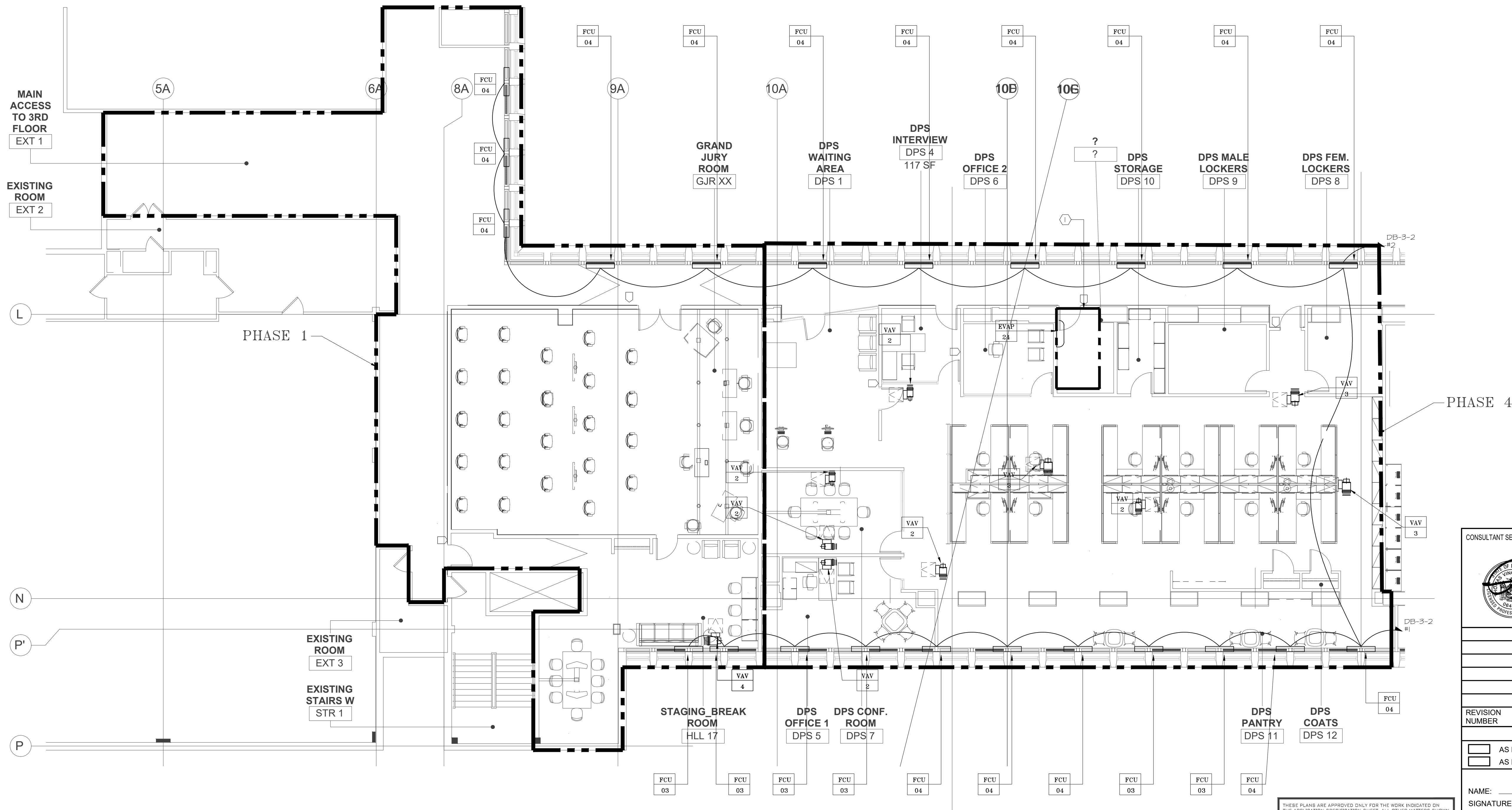
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 LIGHTING PLAN - 3RD FLOOR NORTH WING	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; padding: 2px;"> CONTRACT NUMBER 19-514 </td> <td style="width: 40%; padding: 2px;"> SHEET NUMBER E-203 </td> </tr> <tr> <td colspan="2" style="padding: 2px;"> SHEET NO. 11 OF 15 </td> </tr> <tr> <td colspan="2" style="padding: 2px;"> SCALE: AS NOTED DATE: MAY 20, 2021 </td> </tr> <tr> <td style="padding: 2px;"> DPW FILE NO. 52-01-E-598 </td> <td style="padding: 2px; text-align: center;"> REV NO. 0 </td> </tr> </table>	CONTRACT NUMBER 19-514	SHEET NUMBER E-203	SHEET NO. 11 OF 15		SCALE: AS NOTED DATE: MAY 20, 2021		DPW FILE NO. 52-01-E-598	REV NO. 0
CONTRACT NUMBER 19-514	SHEET NUMBER E-203								
SHEET NO. 11 OF 15									
SCALE: AS NOTED DATE: MAY 20, 2021									
DPW FILE NO. 52-01-E-598	REV NO. 0								



K KEY PLAN
N.T.S.



GENERAL NOTES

- SEE MECHANICAL, PLUMBING, AND SPRINKLER PLANS FOR EXACT LOCATION OF ALL MEP EQUIPMENT.
- REFER TO ELECTRICAL PHASING NOTES ON E-010 FOR ALL PHASING DETAILS, AND MECHANICAL DRAWINGS FOR ADDITIONAL PHASING NOTES.
- SEE E-304 FOR ALL ROOF EQUIPMENT SERVING SPACE. ENSURE ALL ROOF PENETRATIONS ARE PROPERLY WATERPROOFED.

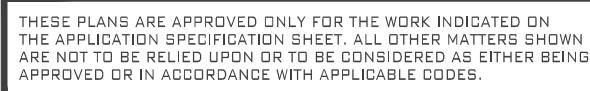
KEY NOTES

- ① NEW EVAPORATORS SERVING IT ROOM SHALL BE CIRCUITED BACK TO CONDENSERS ON ROOF WITH (1) SET OF 2#10 x #10 6 IN 3/4" CDT. SEE E-304 FOR CIRCUITING OF CONDENSING UNIT. PROVIDE (1) JUNCTION BOX AND (1) SINGLE POLE SWITCH SUCH AS HUBBELL HBL1221 OR APPROVED EQUIVALENT AS MEANS OF DISCONNECT FOR EACH EVAPORATOR. ALSO PROVIDE (1) EMPTY 3/4" CONDUIT FROM EVAPORATOR TO CONDENSER FOR CONTROL WIRING.

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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER E-301
DIVISION OF ENGINEERING		SHEET NO.	12 OF 15
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO.	REV NO. 0
ELECTRICAL PLAN - 3RD FLOOR WEST WING - MECHANICAL		52-01-E-599	

1 ELECTRICAL PLAN - 3RD FLOOR WEST WING
E.101 1/8"=1'-0"

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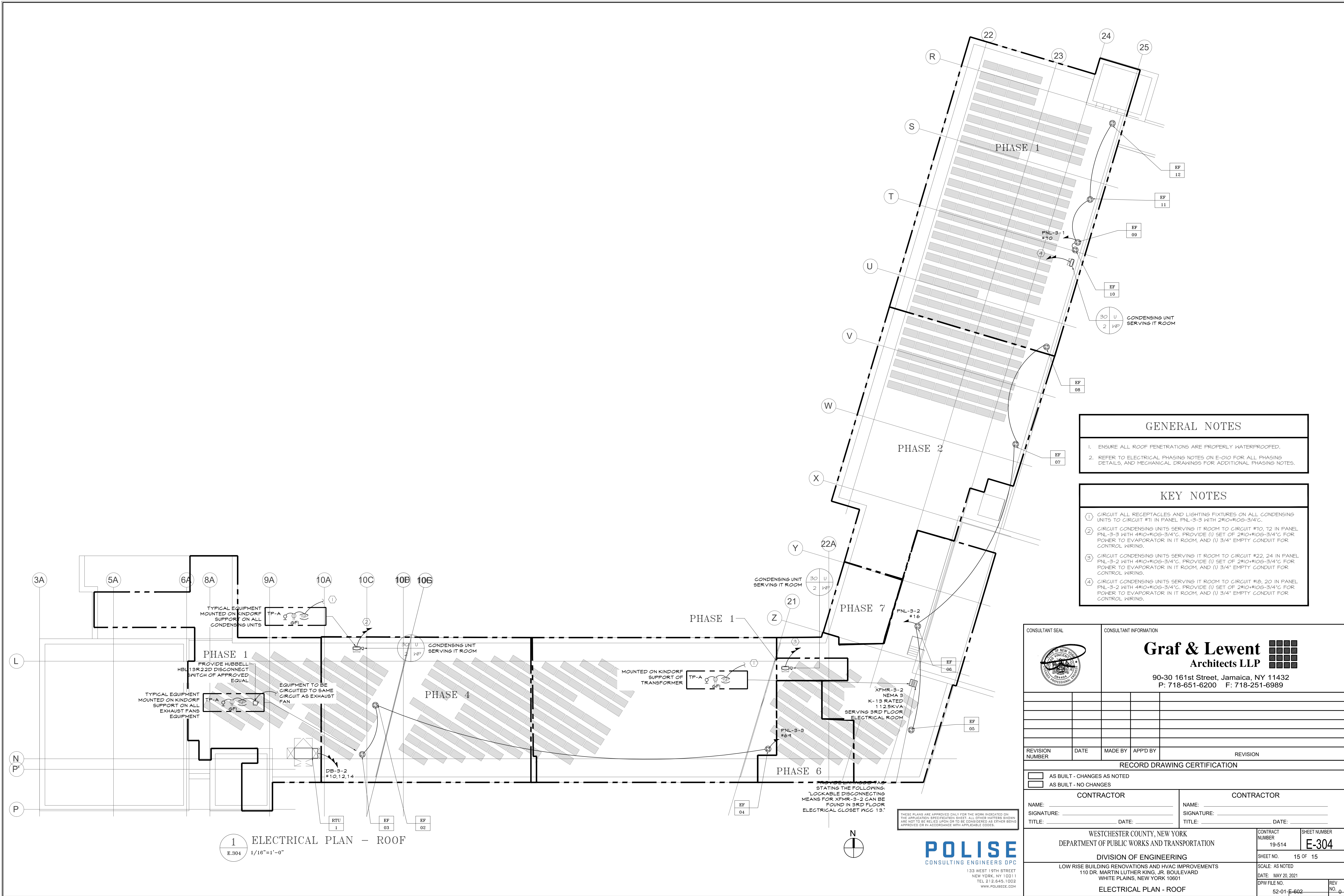


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1. SEE MECHANICAL, PLUMBING, AND SPRINKLER PLANS FOR EXACT LOCATION OF ALL MEP EQUIPMENT.
2. REFER TO ELECTRICAL PHASING NOTES ON E-010 FOR ALL PHASING DETAILS, AND MECHANICAL DRAWINGS FOR ADDITIONAL PHASING NOTES.
3. SEE E-304 FOR ALL ROOF EQUIPMENT SERVING SPACE. ENSURE ALL ROOF PENETRATIONS ARE PROPERLY WATERPROOFED.

① NEW EVAPORATORS SERVING IT ROOM SHALL BE CIRCUITED BACK TO CONDENSERS ON ROOF WITH (1) SET OF 2#10 x #10 G IN 3/4" CDT. SEE E-304 FOR CIRCUITING OF CONDENSING UNIT. PROVIDE (1) JUNCTION BOX AND (1) SINGLE POLE SWITCH SUCH AS HUBBELL HBL2120 OR APPROVED EQUIVALENT AS MEANS OF DISCONNECT FOR EACH EVAPORATOR, ALSO PROVIDE (1) EMPTY 3/4" CONDUIT FROM EVAPORATOR TO CONDENSER FOR CONTROL WIRING.

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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-S14	SHEET NUMBER E-303
DIVISION OF ENGINEERING		SHEET NO. 14 OF 15	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021	
ELECTRICAL PLAN - 3RD FLOOR NORTH WING - MECHANICAL		DPW FILE NO. 52-01-E-601	REV NO.



GENERAL NOTES

1. ENSURE ALL ROOF PENETRATIONS ARE PROPERLY WATERPROOFED.

2. REFER TO ELECTRICAL PHASING NOTES ON E-010 FOR ALL PHASING DETAILS, AND MECHANICAL DRAWINGS FOR ADDITIONAL PHASING NOTES.

KEY NOTES

① CIRCUIT ALL RECEPTACLES AND LIGHTING FIXTURES ON ALL CONDENSING UNITS TO CIRCUIT #11 IN PANEL PNL-3-3 WITH 2#10+#10G-3/4" C.

② CIRCUIT CONDENSING UNITS SERVING IT ROOM TO CIRCUIT #10, 12 IN PANEL PNL-3-3 WITH 4#10+#10G-3/4" C. PROVIDE (1) SET OF 2#10+#10G-3/4" C FOR POWER TO EVAPORATOR IN IT ROOM, AND (1) 3/4" EMPTY CONDUIT FOR CONTROL WIRING.

③ CIRCUIT CONDENSING UNITS SERVING IT ROOM TO CIRCUIT #22, 24 IN PANEL PNL-3-2 WITH 4#10+#10G-3/4" C. PROVIDE (1) SET OF 2#10+#10G-3/4" C FOR POWER TO EVAPORATOR IN IT ROOM, AND (1) 3/4" EMPTY CONDUIT FOR CONTROL WIRING.

④ CIRCUIT CONDENSING UNITS SERVING IT ROOM TO CIRCUIT #18, 20 IN PANEL PNL-3-2 WITH 4#10+#10G-3/4" C. PROVIDE (1) SET OF 2#10+#10G-3/4" C FOR POWER TO EVAPORATOR IN IT ROOM, AND (1) 3/4" EMPTY CONDUIT FOR CONTROL WIRING.

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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER E-304
DIVISION OF ENGINEERING		SHEET NO. 15 OF 15	SCALE: AS NOTED
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		DATE: MAY 20, 2021	REV NO. 0
ELECTRICAL PLAN - ROOF		DPW FILE NO. 52-01-F-602	

FIRE ALARM SYSTEM GENERAL AND INSTALLATION NOTES

- 1) NO CONDUITS ARE TO ENTER THE TOP OF A FIRE ALARM CONTROL REGARDLESS OF SYSTEM TYPE OR SIZE.
- 2) CEILING MOUNTED SMOKE DETECTORS MUST BE MOUNTED AT LEAST 3 FEET FROM SUPPLY AIR REGISTERS, AIR DIFFUSERS AND DOORS OF BATHROOMS THAT CONTAIN A SHOWER OR BATHTUB.
- 3) ALL CEILING MOUNTED DEVICES MUST BE SECURELY FASTENED TO THE BUILDING STRUCTURE AND NOT TO THE CEILING GRID. FURTHERMORE ALL WALL-MOUNTED DEVICES SHALL BE SECURELY MOUNTED IN PLACE.
- 4) ALL FIRE ALARM PANELS, JUNCTION BOX COVERS, ETC. SHALL BE PAINTED 'FIRE DEPARTMENT RED'.
- 5) DEVICE LOCATIONS MUST BE READILY ACCESSIBLE TO ALLOW FOR MAINTENANCE AND REPAIR.
- 6) MANUAL STATIONS SHALL BE MOUNTED 48 INCHES ABOVE THE FINISHED FLOOR TO THE CENTER OF THE HANDLE.
- 7) MANUAL PULL STATIONS SHALL BE PAINTED 'FIRE DEPARTMENT RED'. ALL MANUAL PULL STATIONS SHALL BE INSTALLED SO THAT THEY KEPT UN-OBSTRUCTED AT ALL TIME.
- 8) THE LOCAL FIRE DEPARTMENT SHALL APPROVE THE PLANS PRIOR TO START OF ANY WORK.
- 9) DO NOT RUN FIRE ALARM CABLE IN THE SAME RACEWAY WITH NON FIRE ALARM CABLE.
- 10) AVOID INSTALLING FIRE ALARM CABLES NEAR SOURCES OF ALTERNATING CURRENT (LIGHTING, POWER, ETC.)
- 11) OBSERVE ALL POLARITY ON ALL FIRE ALARM CIRCUITS. NO TEE TAPPING IS PERMITTED ON ALARM INDICATING CIRCUITS (HORNS, STROBES, SPEAKERS, ETC.)
- 12) ALL FIRE ALARM WIRE SHALL BE CLEARLY LABELED IN JUNCTION BOXES AND CABINETS. FURTHERMORE CONDUCTORS IN CABINETS SHALL BE FORMED SO THAT THEY DROP OFF DIRECTLY OPPOSITE TO ITS TERMINAL CONNECTION. ALL TERMINALS SHALL BE NUMBERED AND LABELED IN EVERY CABINET.
- 13) ANY REQUIREMENTS FOR SHIELDING CERTAIN CONDUCTORS OR RUNNING THEM IN SEPARATE RACEWAYS SHALL BE AS RECOMMENDED BY THE MANUFACTURERS DOCUMENTATION.
- 14) ALL WIRING TO BE CHECKED TO INSURE THAT THEY ARE FREE OF ANY OPENS, SHORTS OR GROUNDS.
- 15) ALL FIRE ALARM CONTROL PANEL(S), CABINETS, DATA GATHERING PANELS, JUNCTION BOXES, BOOSTER POWER SUPPLIES, FUSE DISCONNECTS, FUSE CUTOFF PANELS ETC. SHALL BE CLEARLY LABELED USING A RED LAMINATE TYPE ENGRAVED LABEL WITH MINIMUM 1 INCH HIGH ENGRAVED WHITE LETTERS. THE LABEL SHALL STATE THE SPECIFIC PURPOSE OF THE PANEL AND WHAT FLOORS IT SERVES. ALL MAIN PANELS, CENTRAL STATION TRANSMITTERS AND FIRE PUMP CONTROLLER POWERED WITH 120VAC OR GREATER SHALL HAVE A LABEL INDICATING WHERE THE MAIN DISCONNECT IS LOCATED.
- 16) LOCATIONS OF ALL FIRE ALARM EQUIPMENT SHALL BE SUBJECT TO LOCAL BUILDING AND FIRE DEPARTMENT APPROVAL. NO CHANGE OR MODIFICATION TO THE SYSTEM OR PLANS SHALL BE PERMITTED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER OF RECORD. IF ANY SUBSTANTIAL CHANGES ARE MADE TO THE DRAWINGS PRIOR TO OR DURING INSTALLATION, AS-BUILT PLANS SHALL BE PREPARED BY THE ENGINEER AND FILED WITH THE APPROPRIATE AGENCIES FOR FINAL ACCEPTANCE.
- 17) ALL FAN SHUTDOWN, DOOR RELEASE, DAMPER CONTROL OR ANY OTHER AUXILIARY RELAYS CONNECTED TO THE FIRE ALARM SYSTEM SHALL BE LOCATED WITHIN THREE (3) FEET OF THE CONTROLLED CIRCUIT OR THE AUXILIARY RELAY SHALL FUNCTION WITHIN THE VOLTAGE AND CURRENT LIMITATION OF THE CONTROL UNIT. THE INSTALLATION AND WIRING BETWEEN THE FIRE ALARM SYSTEM AND THE AUXILIARY RELAY SHALL BE PROPERLY SUPERVISED OR SHALL OPERATE ON LOSS OF POWER OR A FAIL SAFE MANNER AS REQUIRED BY NFPA 12.
- 18) A LOCK SHALL BE PROVIDED ON EACH DISCONNECT MAINTAINING IT IN THE CLOSED AND ENERGIZED POSITION AND BE PROVIDED WITH A LABEL WHERE THE KEY TO THE LOCK IS LOCATED.
- 19) TAMPER SWITCHES SHALL BE PROVIDED ON THE DOOR TO EACH DATA GATHERING PANEL WHETHER SHOWN ON THE PLANS OR NOT.
- 20) A SMOKE DETECTOR SHALL BE PROVIDED ABOVE EACH FIRE ALARM CONTROL PANEL/CONTROL EQUIPMENT WHETHER SHOWN ON THE PLANS OR NOT.
- 21) OUTDOOR NOTIFICATION DEVICES TO BE PROVIDED WITH WEATHER PROOF COVERS WITH SILICON ON TOP AND SIDES.
- 22) ALL STROBE CIRCUITS ARE TO BE SUPERVISED.
- 23) ALL SMOKE DETECTORS INDICATED ARE TO BE PHOTO-ELECTRIC TYPE. IONIZATION TYPE NOT PERMITTED.
- 24) TEST HEAT DETECTORS WITH HEAT GUN. PROVIDE WRITTEN VERIFICATION THAT TEST HAS BEEN CONDUCTED.
- 25) FIRE ALARM SYSTEM TO BE CAPABLE OF MULTI CHANNEL AUDIO.
- 26) LOCATE KEYS TO ALL LOCKED DISCONNECT SWITCHES AT THE FIRE COMMAND STATION.
- 27) PAINT ALL TROUGH, JUNCTION BOXES, CONDUIT COVERS AND FIRE ALARM AUTOMATIC TRANSFER SWITCH THROUGHOUT THE BUILDING FIRE DEPT. RED
- 28) PROPERLY PROTECT ALL FIRE ALARM DEVICES DURING CONSTRUCTION.
- 29) PROVIDE REMOTE INDICATOR LAMPS FOR DUCT SMOKE DETECTORS WHETHER SHOWN ON THE PLANS OR NOT.
- 30) DOOR RELEASE RELAYS TO OPERATE IN A FAIL SAFE MANNER AS REQUIRED BY CODE.
- 31) THE PROPOSED DESCRIPTION OF EACH DEVICE IN THE SYSTEM SHOULD BE PROVIDED BY THE CONTRACTOR TO THE ENGINEER AND OWNER FOR REVIEW AND APPROVAL PRIOR TO PROGRAMMING THE SYSTEM.
- 32) COORDINATE TIE-INS TO SYSTEMS PROVIDED BY OTHERS WITH ASSOCIATED SYSTEM VENDOR. TIE HOOD FIRE PROTECTION SYSTEM RELAYS WITH ASSOCIATED SYSTEM VENDORS.
- 33) FOR PROJECTS THAT ARE UPGRADING TO A TEMPORAL 3 PATTERN, REMOVE ALL EXISTING CODE CARDS.
- 34) ALL FIRE ALARM DEVICES TO BE INSTALLED IN ACCESSIBLE LOCATIONS, COORDINATE ACCESS AND LOCATIONS WITH OTHER TRADES.

FIRE ALARM PHASING NOTES

1. ALL NEW FIRE ALARM INFRASTRUCTURE EQUIPMENT IN ELECTRICAL CLOSETS IS TO BE INSTALLED WITHIN PHASE 1 SCOPE OF WORK.
2. EXISTING AND NEW FIRE ALARM EQUIPMENT SHALL BE MAINTAINED CONCURRENTLY SO ALL OCCUPIED SPACES WILL HAVE COVERAGE FROM EXISTING DEVICES UNTIL DEMOLITION FOR RESPECTIVE CONSTRUCTION PHASE.

FIRE ALARM WIRING

THE DESIGN INTENT IS FOR DEVICES MOUNTED ON BLOCK WALLS IN UNFINISHED SPACES TO BE SURFACE MOUNTED WITH CONDUIT STUB-UPS TO HUNG CEILINGS. DEVICES MOUNTED ON SHEETROCK WALLS TO BE FLUSH MOUNTED WITH CONDUIT STUB UPS BEHIND WALLS TO HUNG CEILINGS. DEVICES MOUNTED ON BLOCK WALLS IN FINISHED AREAS TO BE FLUSH MOUNTED, SHORT CHASE BLOCK WALLS AS REQUIRED PER INSTALLATION OF CONDUIT AND BACKBOX, CONDUIT FOR FIRE ALARM WIRING TO BE MINIMUM 3/4". ALL WIRING TO BE NYC APPROVED 150° PLENUM RATED AND TEFLON CABLE.

FIRE ALARM TEST INSPECTION FILING NOTES

THE CONTRACTOR IS REQUIRED TO SCHEDULE ALL INSPECTIONS WITH THE LOCAL FIRE DEPARTMENT IN ORDER TO OBTAIN THE FINAL LETTER OF APPROVAL FOR THE WORK PERFORMED AND SIGN-OFF THE BUILDING DEPARTMENT APPLICATION AS PART OF THE SCOPE OF THEIR SERVICES. NOTE THAT CERTIFICATION OF A LETTER OF DEFECT IS NO LONGER PERMITTED SO ADDITIONAL RE-INSPECTIONS SHOULD BE INCLUDED IN THE CONTRACTORS SCOPE OF WORK UNTIL THE FINAL LETTER OR APPROVAL IS OBTAINED. NOTE THAT A SELF-CERTIFICATION LETTER OF DEFECT IS NO LONGER PERMITTED.

THE CONTRACTOR TO PREPARE AND PROVIDE THE AS-BUILT MATRIX, RISER DIAGRAM AND FUNCTIONALITY STATEMENT AND THE MATRIX, AND SEALED BY APPLICANT OF RECORD AFTER APPLICANT OF RECORD HAS VERIFIED 'AS-BUILT' CONDITION OF FIRE ALARM SYSTEM. THE CONTRACTOR IS TO ARRANGE (WITHIN ADEQUATE TIME PRIOR TO FIRE DEPARTMENT INSPECTIONS) TO A FIELD VISIT WITH THE APPLICANT OF OF RECORD TO VERIFY ALL DEVICES ARE INSTALLED AND OPERATIONAL. PROVIDE ALL REQUIRED FIELD LABOR TO LOCATE, UNCOVER, AND MAKE APPARENT, ALL DEVICES FOR APPLICANT OF RECORD.

IF THE FIRE DEPARTMENT OR BUILDING DEPARTMENT DEEMS A POST APPROVAL AMENDMENT IS REQUIRED FOR PROJECT SIGN OFF FIRE ALARM VENDOR IS TO SEND AUTOCAD DRAWINGS OF AS-BUILT RISER DIAGRAMS, AS-BUILT FLOOR PLANS, AND AS-BUILT SYSTEM FUNCTION MATRIX FOR ENGINEER TO INCLUDE IN POST APPROVAL AMENDMENT FILING DOCUMENTATION. POST APPROVAL AMENDMENT FILING COST AND RE-INSPECTION FEES TO BE PAID FOR UNDER THIS CONTRACT.

FIRE ALARM BASIS OF DESIGN

CONTACT BUILDING FIRE ALARM VENDOR JOHNSON CONTROLS. FOR ALL DEVICES AND PROGRAMMING: LAUREL HILLIARD (845) 345-3125.

SURVIVABILITY

CLASS: B

LEVEL: 2

FIRE ALARM ABBREVIATIONS

ABBREV.	DESCRIPTION
A	AUDIBLE BASE
AC	AIR CONDITIONING
ADJ	ADJACENT
AFB	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ALD	AUTOMATIC LOUVER DAMPER
ARCH	ARCHITECTURAL
ARCS	AUXILIARY RADIO COMMUNICATION SYSTEM
AUTO	AUTOMATIC
BLDG	BUILDING
BMS	BUILDING MANAGEMENT SYSTEM
BPS	BOOSTER POWER SUPPLY
C	CONDUIT
CAB	CABINET
CD	CANDELA
GKT	CIRCUIT
CLB	CEILING
CI	CIRCUIT INTEGRITY
CM	CONTROL MODULE
CO	CARBON MONOXIDE
CONC	CONCRETE
COH	CARBON MONOXIDE / HEAT
CO5	CARBON MONOXIDE / SMOKE
CP	DOOR HOLDER
DSP	DATA GATHERING PANEL
DTL	DETAIL
DWS	DRAWING
EA	EACH
EC	EMPTY CONDUIT
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMR	ELEVATOR MACHINE RM
EP	EXPLOSION PROOF
ER	ELEVATOR RECALL
EX	EXISTING
F	FLOOR
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FATC	FIRE ALARM TERMINAL CABINET
FCG	FIRE COMMAND CENTER
FCS	FIRE COMMAND STATION
FS	FAN SHUTDOWN
FT	FEET
FU	FUSED
GND	GROUND
H	HEAT
HEATAC	HEATING, VENTILATING & AIR CONDITIONING
JB	JUNCTION BOX
MM	MONITOR MODULE
N/C	NOT IN CONTRACT
NYCEC	NEW YORK CITY ELECTRICAL CODE
PB	PULL BOX
PLBG	PLUMBING
PNL	PANEL
RD	RETURN DUCT (FOR DUCT SMOKE DETECTORS)
RM	ROOM
S	SMOKE
SD	SUPPLY DUCT (FOR DUCT SMOKE DETECTORS)
SP	SPACE
SPECS	SPECIFICATIONS
SPKLR	SPEAKER
SPP	SMOKE PURGE PANEL
SR	SECURITY TIE-IN RELAY
TYP	TYPICAL
U.O.N	UNLESS OTHERWISE NOTED
WG	WITH GUARD
WP	WEATHER PROOF

FA WIRING TYPES

LTR	DESCRIPTION	TYPE
A	DLG CIRCUIT	16ga UTP
B	NAC CIRCUIT (VISUAL & AUDIO)	14ga UTP
C	SPEAKER CIRCUIT	14ga UTP
D	TELEPHONE CIRCUIT	16ga UTP
E	FMT RISER	16ga STP
F	NETWORK	18ga UTP
G	CONVENTIONAL ZONE OR TRI-S/D	16ga UTP
H	CONTROL CKT (RELAY OUTPUT)	14ga UTP
J	24Vdc POWER	14ga UTP
K	120Vdc POWER	2-10ga 1-10ga gnd.
L	PRINTER	RS-485

CABLE EXAMPLE:

— I B —

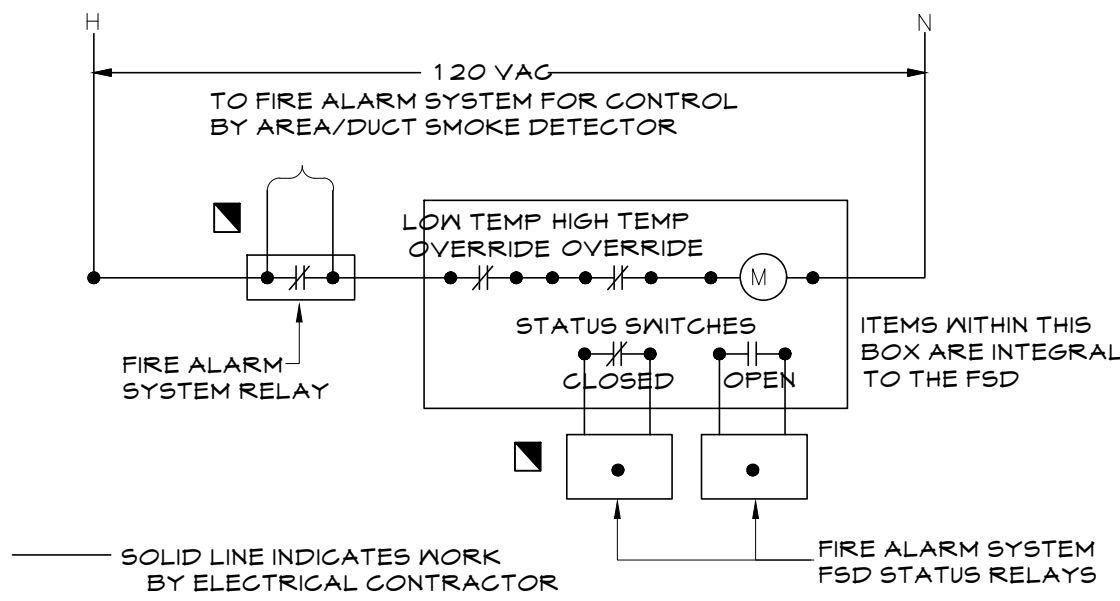
— DENOTES USE OF WIRE

— DENOTES PAIRS OF WIRES

STP = SHIELDED TWISTED PAIR
UTP = UNSHIELDED TWISTED PAIR
DLG = DEVICE LOOP CIRCUIT
NAC = NOTIFICATION APPLIANCE CIRCUIT
FMT = FIREMEN'S MASTER TELEPHONE

FIRE ALARM SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING UNLESS INDICATED OTHERWISE
	FIRE ALARM CONTROL PANEL	WALL
	FIRE WARDEN STATION	WALL
	FIRE PULL STATION	WALL
	SPEAKER WITH STROBE LIGHT	WALL
	STROBE LIGHT ONLY	WALL
	ALERT STROBE LIGHT AND SPEAKER	WALL
	ALERT STROBE LIGHT ONLY	WALL
	SMOKE DETECTOR	CEILING
	SMOKE DETECTOR MOUNTED ABOVE DROP CEILING	CEILING
	CARBON MONOXIDE DETECTOR	CEILING
	HEAT DETECTOR	CEILING
	COMBINATION SMOKE/CARBON MONOXIDE DETECTOR	CEILING
	RELAY FOR TAMPER SWITCH (PROVIDED BY SPRINKLER CONTRACTOR)	
	RELAY FOR FLOW SWITCH (PROVIDED BY SPRINKLER CONTRACTOR)	
	DUCT MOUNTED SMOKE DETECTOR.	
	RELAY FOR MOTORIZED COMBINATION FIRE AND SMOKE DAMPER	
	DATA OUTLET	
	RELAY MODULE (SEE ABBREVIATION LIST FOR TYPE)	
	SINGLE INPUT MODULE	
	ARROW INDICATES # OF CIRCUITS	
	MOTORIZED COMBINATION FIRE & SMOKE DAMPER CONNECTED TO DUCT SMOKE DETECTOR THRU RELAY MODULE	
	INDICATES EXISTING DEVICE / EQUIPMENT	
	INDICATES EXISTING DEVICE / EQUIPMENT TO BE REMOVED	
	INDICATES EXISTING DEVICE / EQUIPMENT TO BE RELOCATED	
	DISCONNECT SWITCH INDICATES SWITCH SIZE (AMPS) INDICATES FUSE SIZE OR UNFUSED (U) SPECIAL (W.P., ETC.) NO. OF POLES	WALL



1 TYPICAL FSD WIRING DETAIL
FA.010 N.T.S

DRAWING-ISSUE LIST

Sheet #	Latest DOB Rev. #	Sheet Title							
FA-010	.00	FIRE ALARM SYMBOLS, ABBREVIATIONS SCHEDULES AND NOTES	X						
FA-020	.00	FIRE ALARM MATRIX	X						
FA-030	.00	FIRE ALARM RISER DIAGRAM	X						
FA-040	.00	2ND FLOOR FIRE ALARM PLAN	X						
FA-044	.00	FIRE ALARM PLAN - 3RD FLOOR CENTRAL WING	X						
FA-101	.00	FIRE ALARM PLAN - 3RD FLOOR WEST WING	X						
FA-102	.00	FIRE ALARM PLAN - 3RD FLOOR CENTRAL WING	X						
FA-103	.00	FIRE ALARM PLAN - 3RD FLOOR NORTH WING	X						
FA-901	.00	FIRE ALARM DEMOLITION PLAN - 3RD FLOOR WEST WING	X						
FA-902	.00	FIRE ALARM DEMOLITION PLAN - 3RD FLOOR CENTRAL WING	X						
FA-903	.00	FIRE ALARM DEMOLITION PLAN - 3RD FLOOR NORTH WING	X						

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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER 19-514	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		SHEET NO. 1 OF 11	
DIVISION OF ENGINEERING		FA-010	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-FP-603	
FIRE ALARM SYMBOLS, ABBREVIATIONS, SCHEDULES AND NOTES		REV NO. 0	

		SYSTEM INPUTS																SYSTEM OUTPUTS																		
		Control Unit Annunciation										Notification						Required Fire Safety Control						Speakers		Phones										
		ACTUATE GENERAL ALARM SIGNAL INDICATOR	ACTUATE AUDIBLE ALARM SIGNAL AT FACP	ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR	ACTUATE AUDIBLE SUPERVISORY SIGNAL	ACTUATE COMMON TROUBLE SIGNAL INDICATOR	ACTUATE AUDIBLE COMMON TROUBLE SIGNAL	DISPLAY EVENT ON FACP LCD DISPLAY	RECORD EVENT IN FACP HISTORICAL LOG AND ON FCC PRINTER	TRANSMIT ALARM SIGNAL TO FIRE COMMAND CENTER	TRANSMIT SUPERVISORY SIGNAL TO FIRE COMMAND CENTER	TRANSMIT TROUBLE SIGNAL TO FIRE COMMAND CENTER	VISIBLE NOTIFICATION ON FLOOR OF INITIATING DEVICE	AUDIBLE NOTIFICATION ON FLOOR OF INITIATING DEVICE	VISIBLE NOTIFICATION ON FLOOR ABOVE ALARM FLOOR	VISIBLE NOTIFICATION ON FLOOR BELOW ALARM FLOOR	AUDIBLE NOTIFICATION ON FLOOR ABOVE ALARM FLOOR	AUDIBLE NOTIFICATION ON FLOOR BELOW ALARM FLOOR	SPEAKERS IN ELEVATOR CABS	SPEAKERS IN STAIR TOWERS	VISUALS IN STAIR TOWERS	UNLOCK ALL LOCKED FIRE TOWER DOORS	RECALL ELEVATORS TO PRIMARY RECALL FLOOR	RECALL ELEVATORS TO ALTERNATE RECALL FLOOR	OPEN ELEVATOR SHAFT SMOKE DAMPER	SHUT DOWN THE ELEVATOR VIA SHUNT TRIP	SHUT DOWN SUPPLY FANS	SEND SIGNAL TO BUILDING AUTOMATION SYSTEM	TOGGLE SWITCH TO CONNECT TO SELECTED CIRCUIT	ALL SPEAKER CIRCUITS	SOUND AN ALARM AND ACTIVATE FLASHING LIGHT AT FCC	TOGGLE SWITCH TO CONNECT FIRE TELEPHONE TO FCC				
SYSTEM INPUTS		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	
1	MANUAL FIRE ALARM PULL STATION	X	X					X	X	X			X	X	X	X	X	X					X												1	
2	ALL SMOKE DETECTORS EXCEPT STAIR TOWERS & ELEV. SHAFTS	X	X					X	X	X			X	X	X	X	X	X					X				X								2	
3	DUCT DETECTORS	X	X					X	X	X			X	X	X	X	X	X					X				X								3	
4	HEAT DETECTORS	X	X					X	X	X			X	X	X	X	X	X					X												4	
5	WATERFLOW SWITCH	X	X					X	X	X			X	X	X	X	X	X					X												5	
6																																				6
7	SMOKE DETECTORS STAIR TOWERS	X	X					X	X	X										X	X		X													7
8																																				8
9	HEAT DETECTORS ELEVATOR SHAFT & MACHINE ROOM	X	X					X	X	X			X	X									X			X	X									9
10	SMOKE DETECTORS ELEVATOR LOBBYS, MACHINE ROOM	X	X					X	X	X			X	X	X	X	X	X					X	X		X		X								10
11	SMOKE DETECTOR MAIN FLOOR ELEVATOR LOBBYS	X	X					X	X	X			X	X	X	X	X	X					X	X	X	X		X								11
12																																				12
13	ON FAN SHUTDOWN BY FAS																											X								13
14																																				14
15	ACTIVATION OF FIREMANS TELEPHONE																																	X	X	15
16																																				16
17	MANUAL SELECTION OF SPEAKER CIRCUIT SWITCH BY FLOOR																		X												X					17
18	SPEAKERS IN ENTIRE BUILDING																															X				18
19																																				19
20	TAMPER SWITCH			X	X						X																									20
21	FIRE ALARM AC POWER FAILURE					X	X					X																								21
22	FIRE ALARM SYSTEM LOW BATTERY					X	X					X																								22
23	OPEN CIRCUIT					X	X					X																								23
24	GROUND FAULT					X	X					X																								24
25	NOTIFICATION APPLIANCE CIRCUIT FAULT					X	X					X																								25

NOTE: FIRE ALARM SYSTEM MATRIX PROVIDED BY JOHNSON CONTROLS

1

FA-020

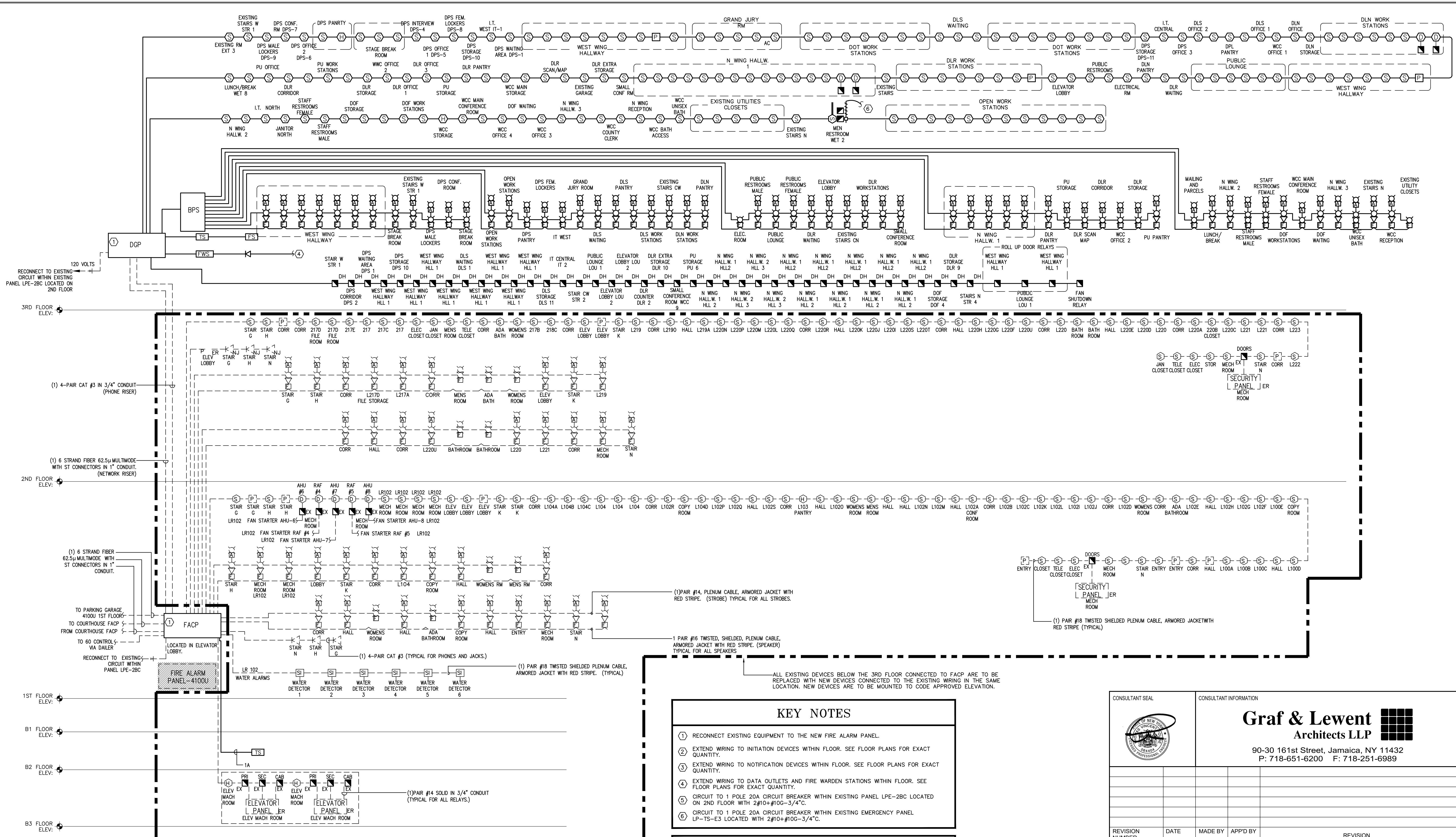
FIRE ALARM SYSTEM MATRIX

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	FA-020
DIVISION OF ENGINEERING		SHEET NO. 2 OF 11	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: MAY 20, 2021	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	REV NO.
FIRE ALARM MATRIX		52-01-FP-604	0



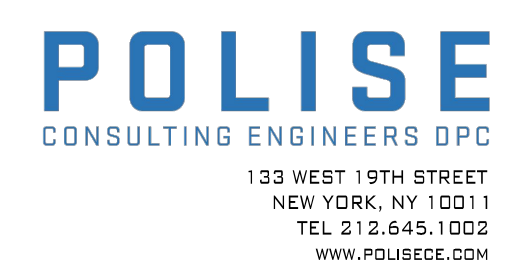
1 FIRE ALARM RISER DIAGRAM
FA.030 N.T.S.

- ### KEY NOTES

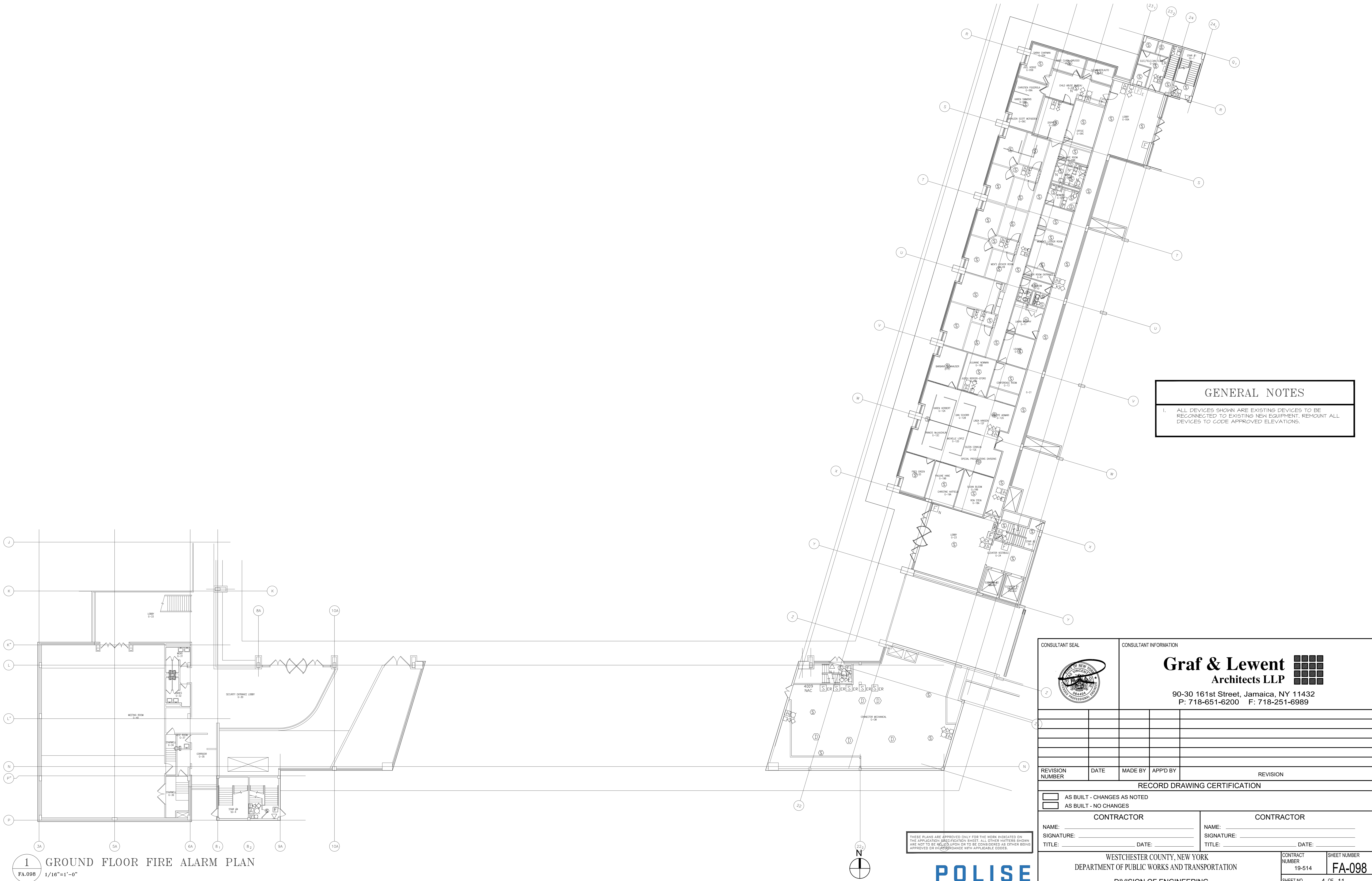
 - RECONNECT EXISTING EQUIPMENT TO THE NEW FIRE ALARM PANEL.
 - EXTEND WIRING TO INITIATION DEVICES WITHIN FLOOR. SEE FLOOR PLANS FOR EXACT QUANTITY.
 - EXTEND WIRING TO NOTIFICATION DEVICES WITHIN FLOOR. SEE FLOOR PLANS FOR EXACT QUANTITY.
 - EXTEND WIRING TO DATA OUTLETS AND FIRE WARDEN STATIONS WITHIN FLOOR. SEE FLOOR PLANS FOR EXACT QUANTITY.
 - CIRCUIT TO 1 POLE 20A CIRCUIT BREAKER WITHIN EXISTING PANEL LPE-2BC LOCATED ON 2ND FLOOR WITH 2#10+1#10G-3/4" C.
 - CIRCUIT TO 1 POLE 20A CIRCUIT BREAKER WITHIN EXISTING EMERGENCY PANEL LP-TS-E3 LOCATED WITH 2#10+1#10G-3/4" C.
- ### GENERAL NOTES

 - ALL BPS AND DGP'S THAT ARE LOCATED WITHIN NEW ELECTRICAL ROOM ARE TO BE INSTALLED WITHIN PHASE 1 SCOPE OF WORK. REFER TO FIRE ALARM PHASING NOTES ON FA-010 FOR ALL PHASING DETAILS.

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FIRE ALARM RISER																																	
CONTRACT NUMBER 19-514	SHEET NUMBER 3 OF 9	SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-FP-605	REV NO. 0																														



GENERAL NOTES

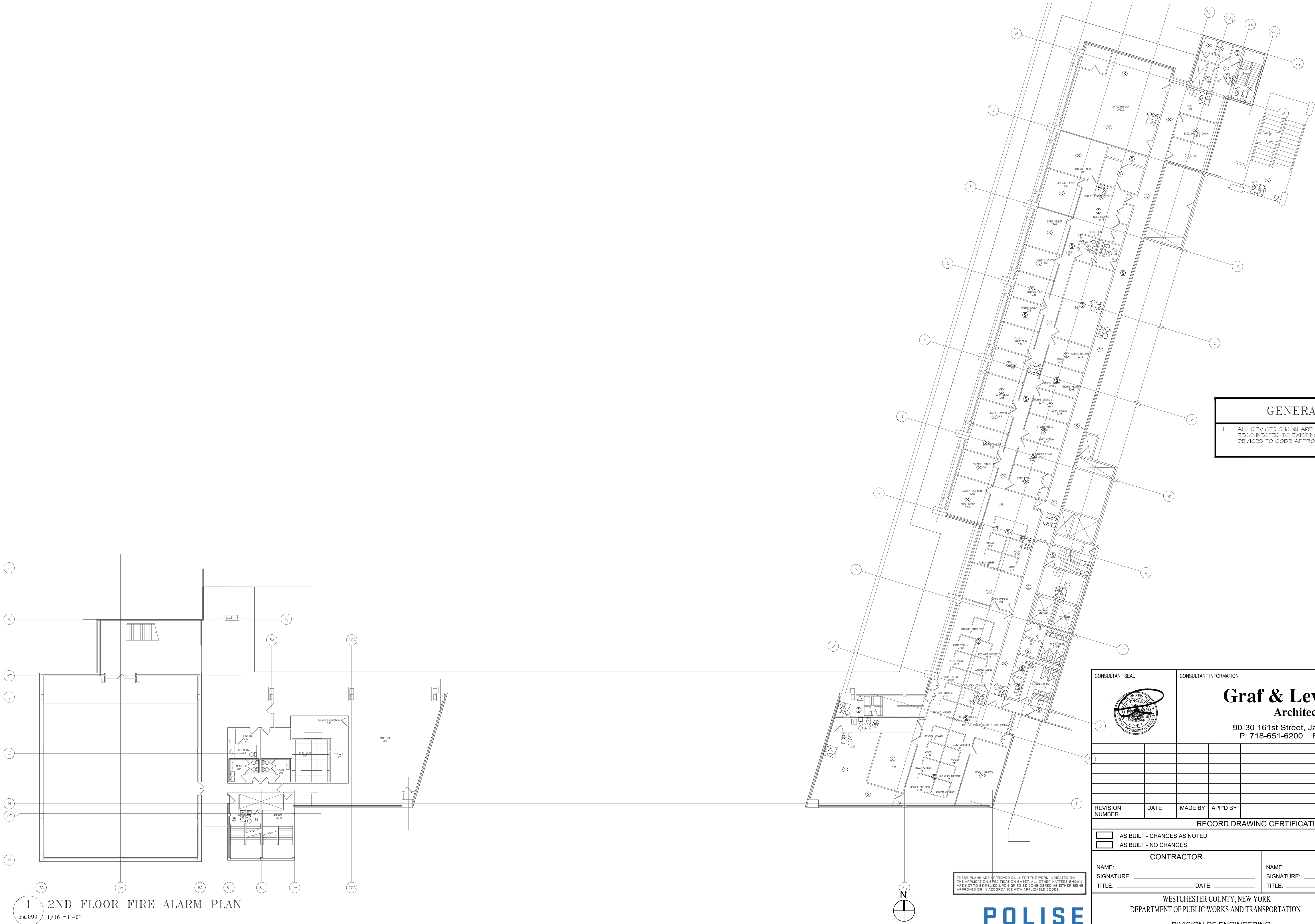
1. ALL DEVICES SHOWN ARE EXISTING DEVICES TO BE RECONNECTED TO EXISTING NEW EQUIPMENT. REMOUNT ALL DEVICES TO CODE APPROVED ELEVATIONS.

1 GROUND FLOOR FIRE ALARM PLAN
FA-098 1/16"=1'-0"

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 4 OF 11	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: MAY 20, 2021	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	
GROUND FLOOR FIRE ALARM PLAN		52-01-FP-606	
		REV NO. 0	

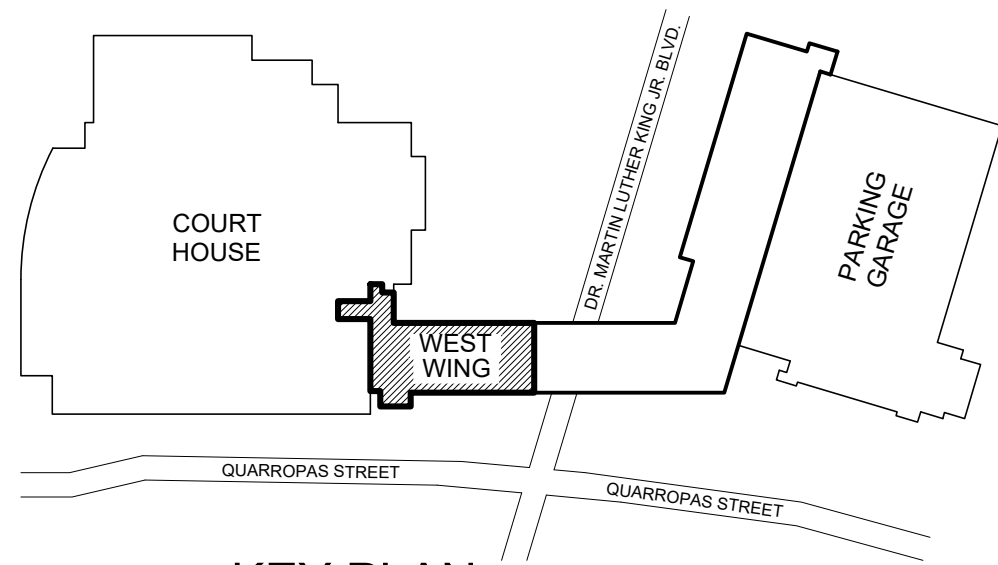


GENERAL NOTES

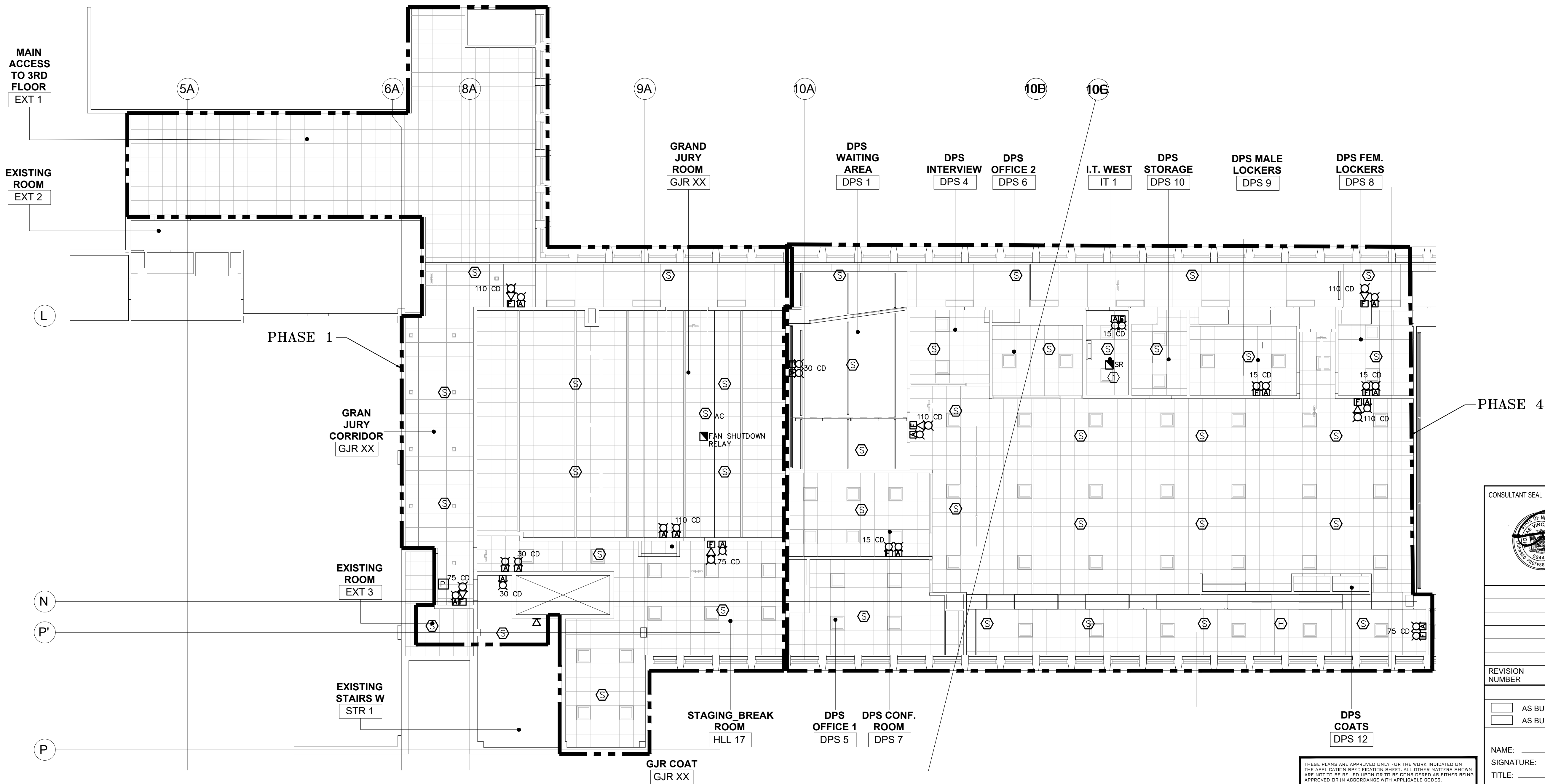
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 2ND FLOOR FIRE ALARM PLAN		CONTRACT NUMBER 19-514	SHEET NUMBER 5 OF 11 FA-099																									
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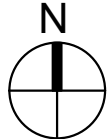
1. REFER TO FIRE ALARM PHASING NOTES ON FA-010 FOR ALL PHASING DETAILS.

KEY NOTES

- ① SECURITY TIE-IN RELAYS (SR) LOCATED IN IT ROOM SHALL ALLOW FOR THE CONTROL LOCKS IN EGRESS PATHS WHICH SHALL BE UNLOCKED BY SECURITY SYSTEM DURING FIRE EVENT. COORDINATE WITH SECURITY CONSULTANT AND ARCHITECT.

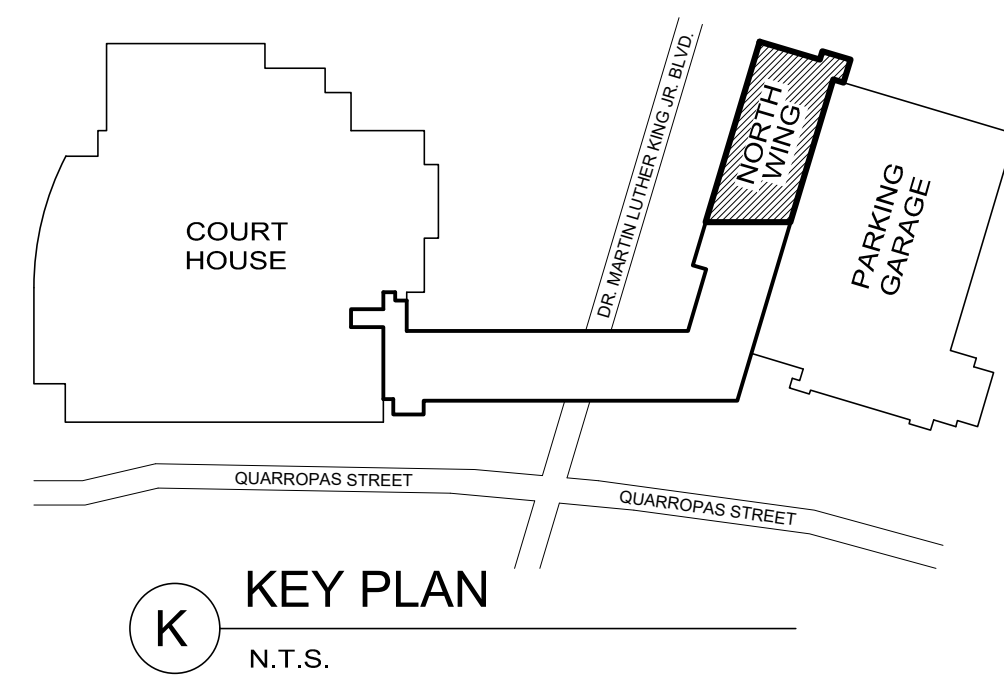
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LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: AS NOTED																										
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: MAY 20, 2021																										
WHITE PLAINS, NEW YORK 10601		DPW FILE NO. 52-01-FP-608																										
FIRE ALARM PLAN - 3RD FLOOR WEST WING		REV NO. 0																										

1
FA-101
FIRE ALARM PLAN - 3RD FLOOR WEST WING
1/8"=1'-0"

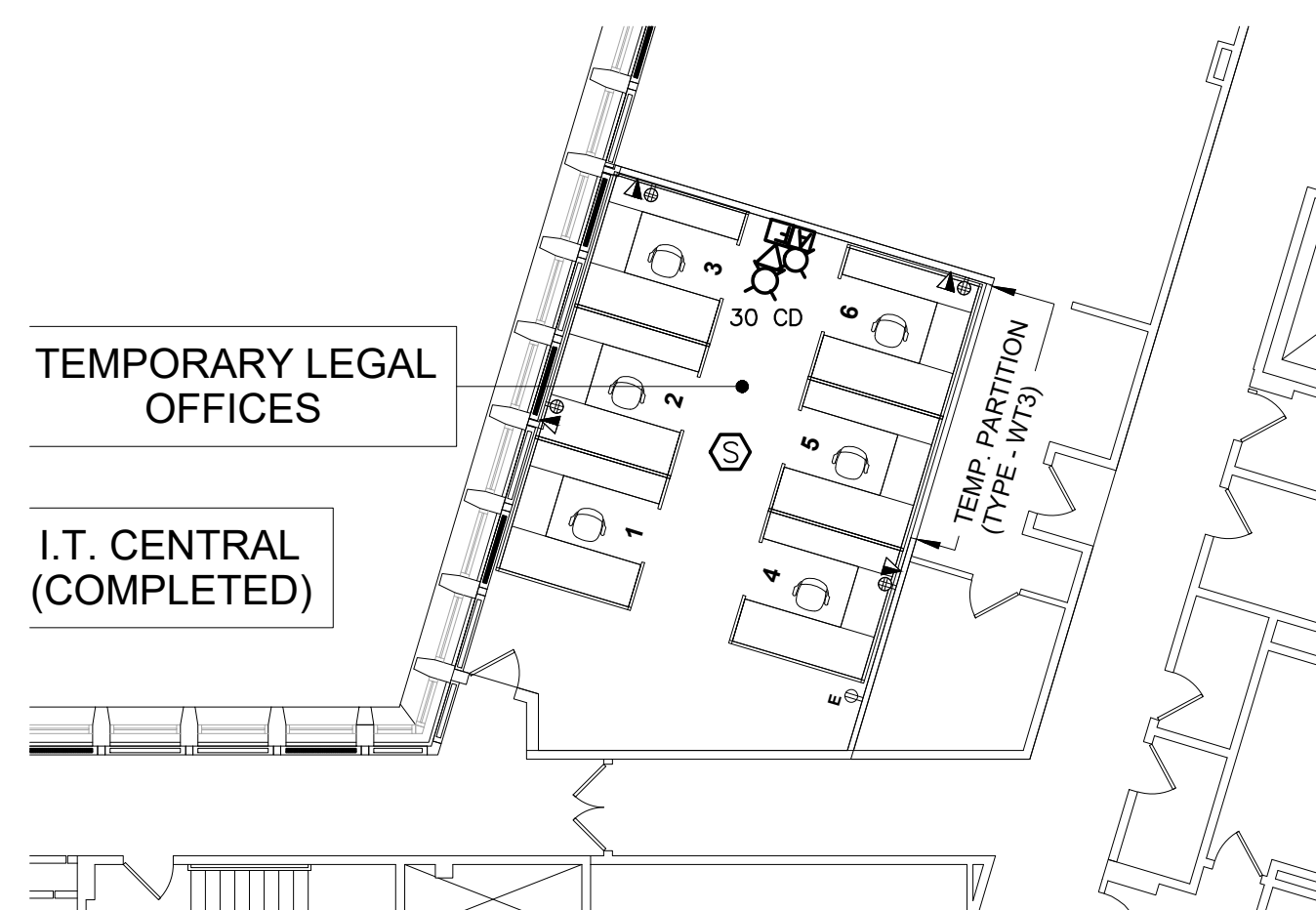


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ELECTRICAL PLAN - TEMPORARY OFFICE SPACE PHASE
 1A
 3/32"=1'-0"



3 ELECTRICAL PLAN - TEMPORARY LEGAL OFFICE
E.103 PHASE 2
3/32"=1'-0"



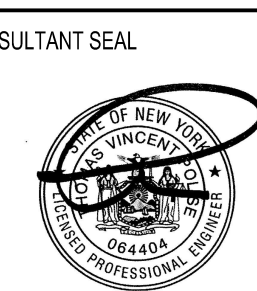
1 FIRE ALARM PLAN - 3RD FLOOR NORTH WING
FA.103 1/8"=1'-0"

GENERAL NOTES

1. REFER TO FIRE ALARM PHASING NOTES ON FA-010 FOR ALL PHASING DETAILS.

KEY NOTES

- 1 SECURITY TIE-IN RELAYS (SR) LOCATED IN IT ROOM SHALL ALLOW FOR THE CONTROL LOCKS IN EGRESS PATHS WHICH SHALL BE UNLOCKED BY SECURITY SYSTEM DURING FIRE EVENT. COORDINATE WITH SECURITY CONSULTANT AND ARCHITECT.

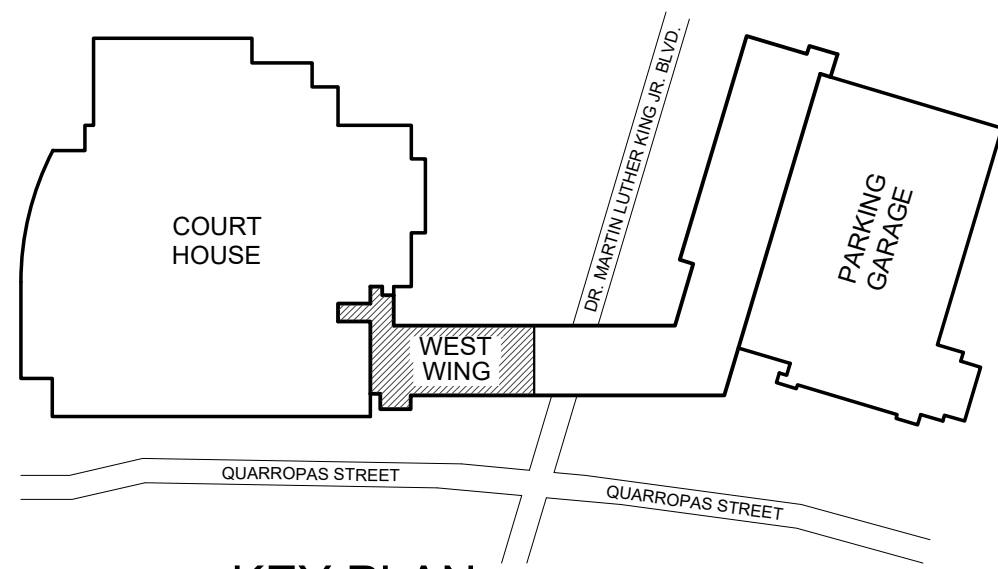


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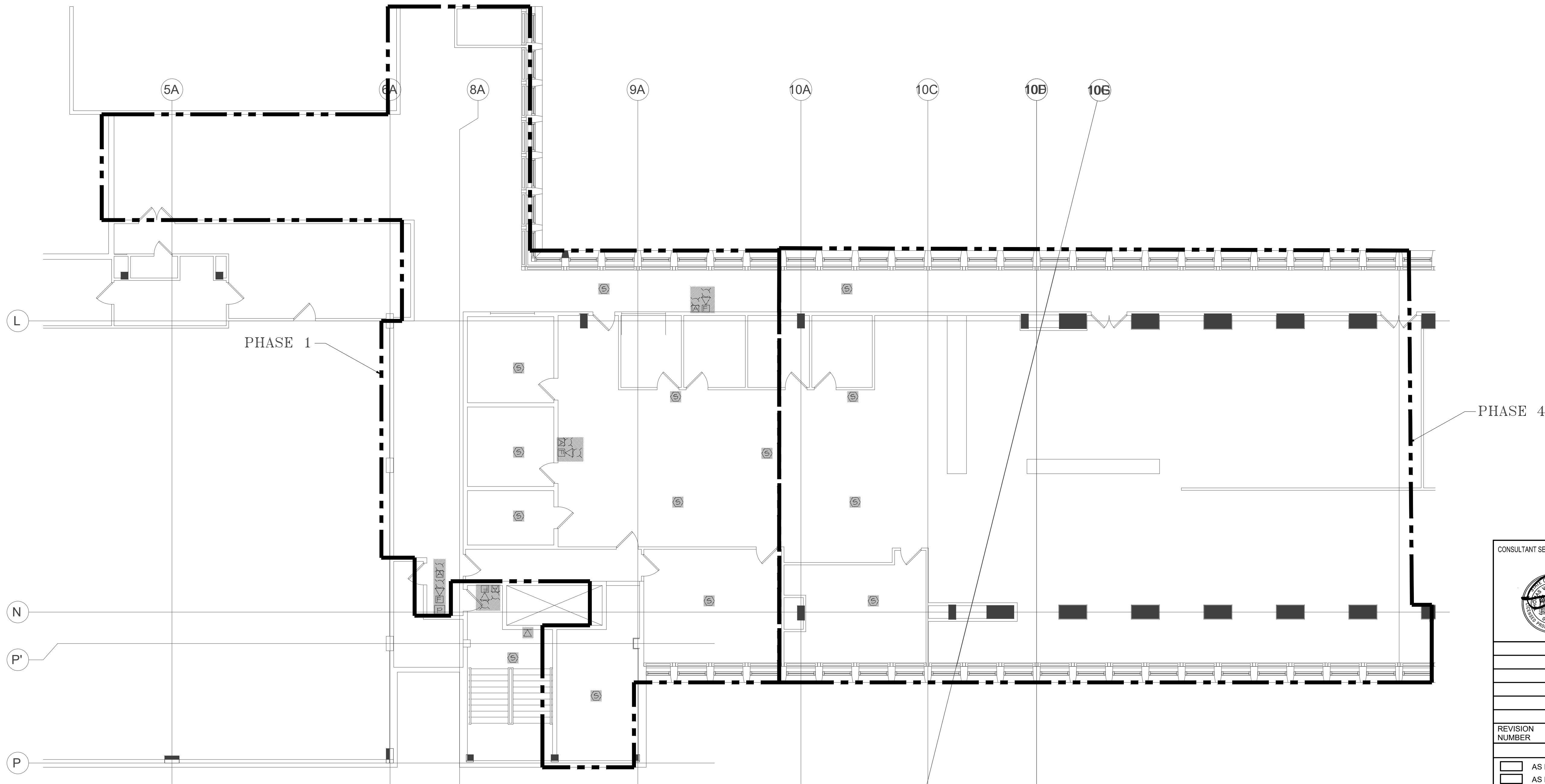
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING				
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 FIRE ALARM PLAN - 3RD FLOOR NORTH WING			CONTRACT NUMBER 19-514	SHEET NUMBER FA-103
			SHEET NO. 6 OF 9	
			SCALE: AS NOTED	
			DATE: MAY 20, 2021	
			DPW FILE NO. 52-01-FP-610	REV NO. 0



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GENERAL NOTES

- REFER TO FIRE ALARM PHASING NOTES ON FA-010 FOR ALL PHASING DETAILS.

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		Graf & Lewent 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	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		19-514	
DIVISION OF ENGINEERING		SHEET NO. 9 OF 11	
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		SCALE: AS NOTED	
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: MAY 20, 2021	
WHITE PLAINS, NEW YORK 10601		DPW FILE NO.	
FIRE ALARM DEMOLITION PLAN - 3RD FLOOR WEST WING		52-01-FP-611	
		REV NO. 0	

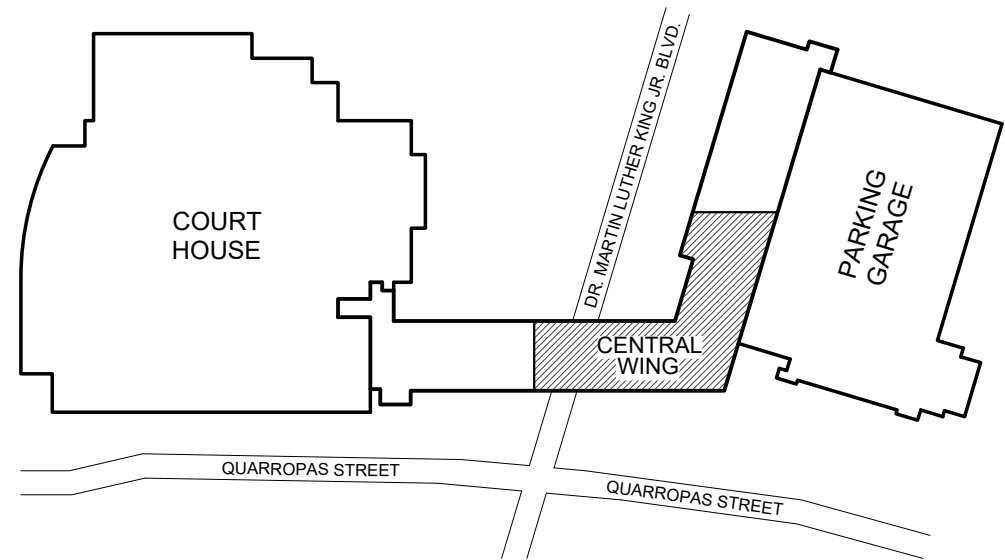
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FIRE ALARM DEMOLITION PLAN - 3RD FLOOR WEST WING

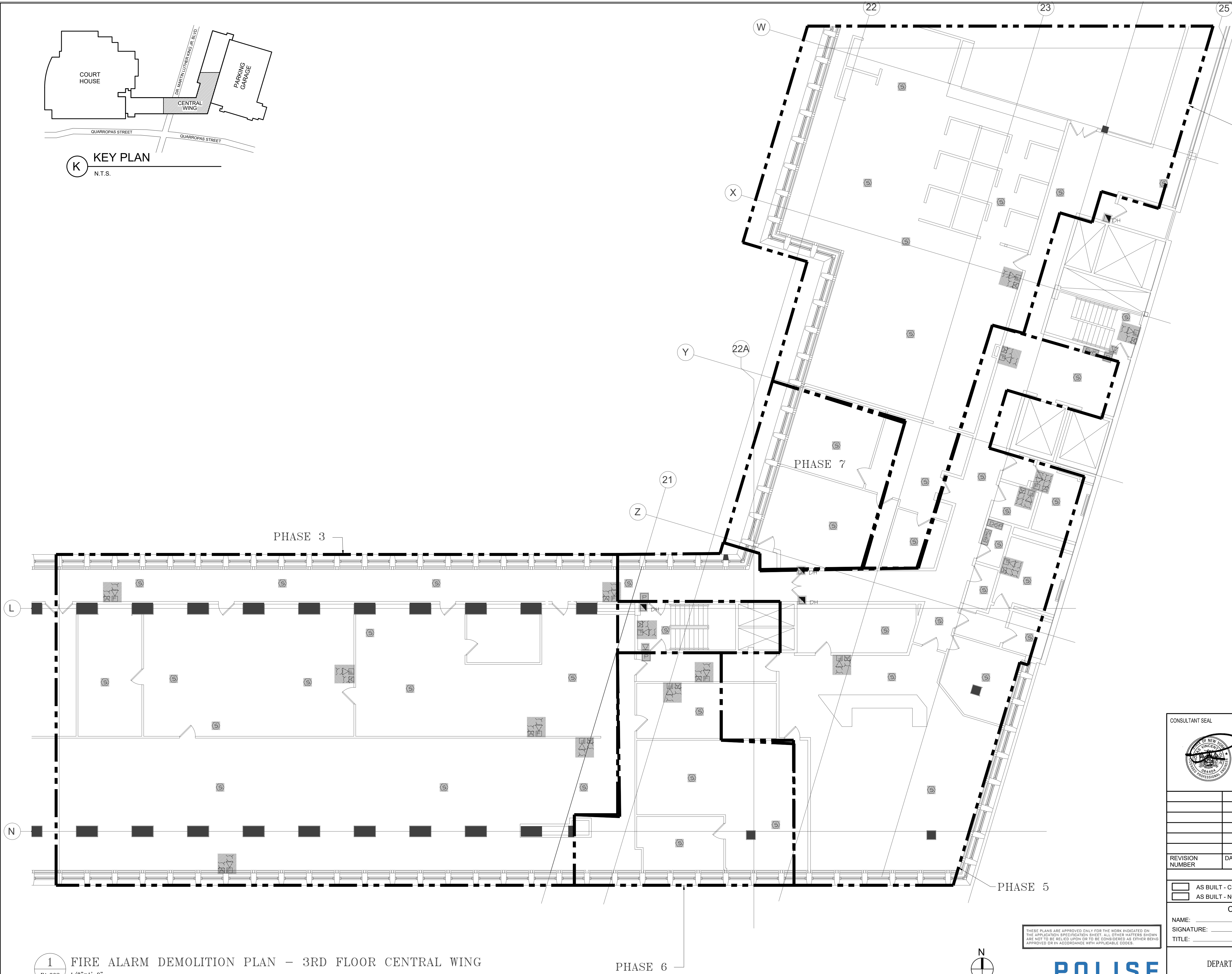


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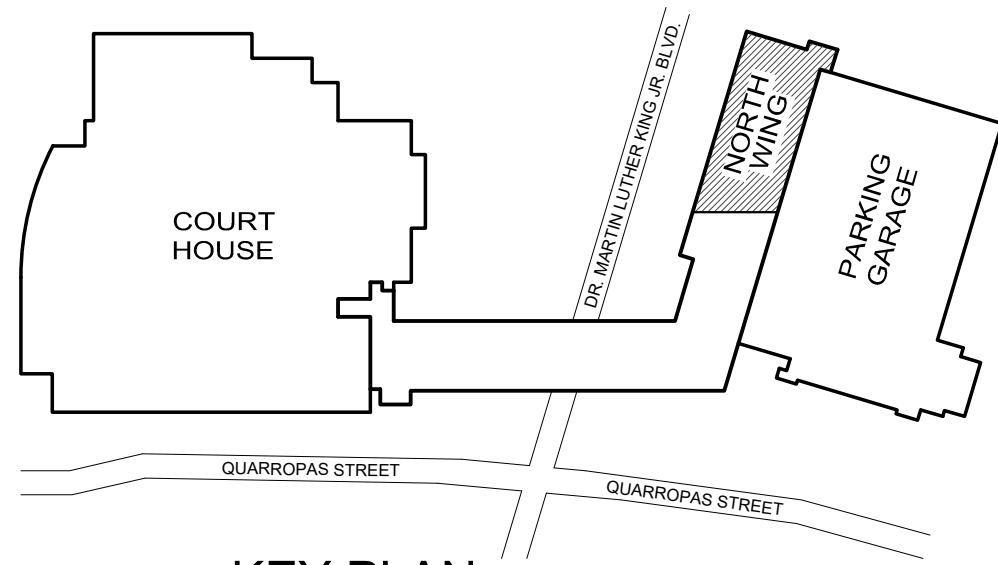
GENERAL NOTES

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WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER 19-514		SHEET NUMBER FA-902
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		SHEET NO. 100F 11		SCALE: AS NOTED
DIVISION OF ENGINEERING		DATE: MAY 20, 2021		DPW FILE NO. 52-01-FP-612
LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS		DATE: MAY 20, 2021		REV NO. 0
110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DATE: MAY 20, 2021		
WHITE PLAINS, NEW YORK 10601		DATE: MAY 20, 2021		
FIRE ALARM DEMOLITION PLAN - 3RD FLOOR CENTRAL WING		DATE: MAY 20, 2021		

1 FIRE ALARM DEMOLITION PLAN - 3RD FLOOR CENTRAL WING
FA.902 1/8"=1'-0"

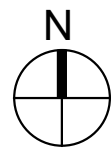
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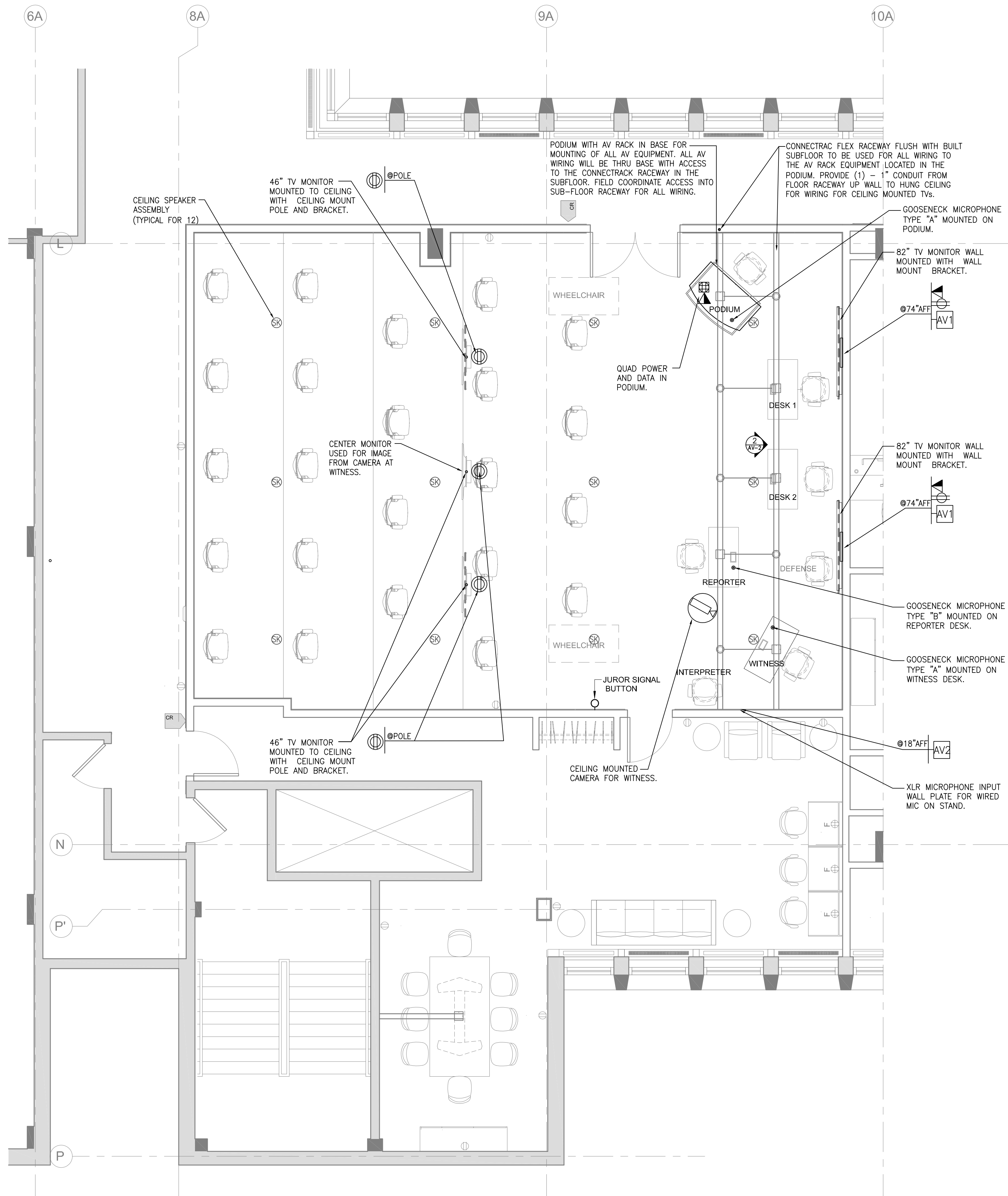
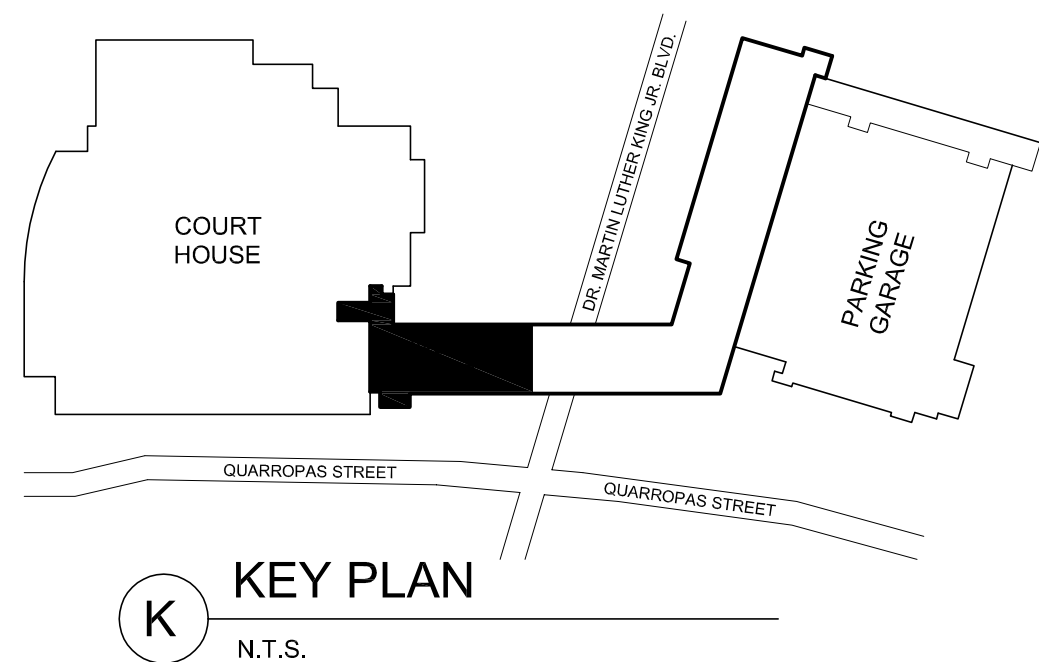


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110 DR. MARTIN LUTHER KING, JR. BOULEVARD		DPW FILE NO. 52-01-FP-613	
WHITE PLAINS, NEW YORK 10601		REV NO. 0	
FIRE ALARM DEMOLITION PLAN - 3RD FLOOR NORTH WING			



A GRAND JURY ROOM - AV EQUIPMENT LAYOUT AND ELECTRICAL REQUIREMENTS
SCALE: 1/4" = 1'-0"

- AV1** AV JUNCTION BOX—PROVIDE A DOUBLE GANG J-BOX, MOUNTED @74" AFF WITH A (1) 1" CONDUIT STUBBED DOWN INTO THE FLOOR RACEWAY.
- AV2** AV JUNCTION BOX—PROVIDE A DOUBLE GANG J-BOX, WITH A SINGLE GANG REDUCER, WALL MOUNTED @18" AFF WITH A (1) 1" CONDUIT STUBBED DOWN INTO THE FLOOR RACEWAY AND (1) 1" CONDUIT STUBBED INTO THE HUNG CEILING (FOR CAMERA CABLE).
- 120V/20A QUADLEX OUTLET RECEPTACLE, MOUNTED IN PODIUM FOR AV RACK.
- 120V DUPLEX RECEPTACLE, MOUNTED AT 74" AFF BEHIND TV.
- CEILING MOUNTED 120V/20A OUTLET DUPLEX RECEPTACLE, FOR CEILING MOUNTED TV.
- VOICE/DATA OUTLET— 2—DATA CABLE OUTLET

NOTE: CONDUITS, PANELS AND BACK BOXES ARE TO BE RECESSED IN WALLS.

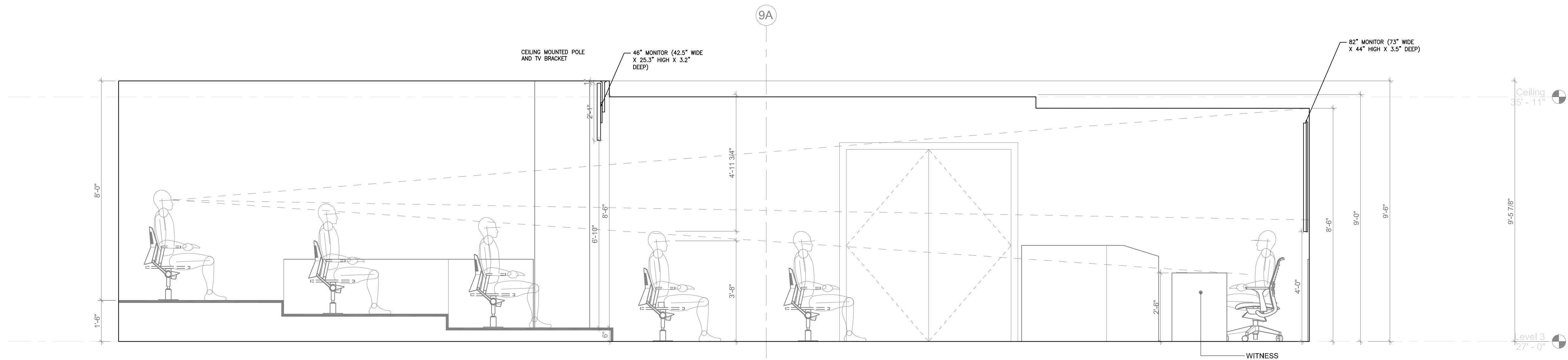
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design group

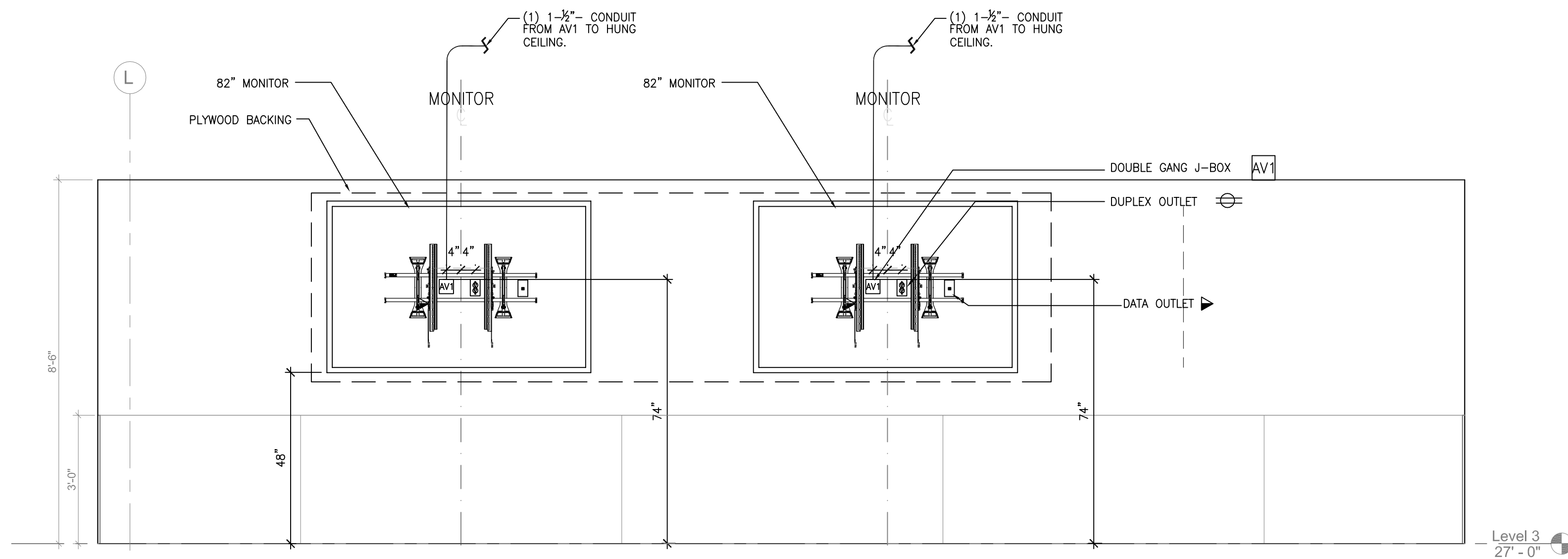
TECHNOLOGY SOLUTIONS DESIGN GROUP, LLC
244 FIFTH AVE - SUITE M230
NEW YORK, N.Y. 10001
MORAIS C, MIRANDA, RCDD 917-533-3689

CABLING DESIGN | DATA CENTER DESIGN
SECURITY SYSTEMS DESIGN | AUDIO-VISUAL SYSTEMS DESIGN
PROJECT MANAGEMENT | DESIGN BUILD

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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 AV EQUIPMENT PLANS AND ELECTRICAL REQUIREMENTS GRAND JURY ROOM		CONTRACT NUMBER TSDG 2110 SHEET NO. 1 OF 3 SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-AV-614	SHEET NUMBER AV-1 Issue Date REV NO. 0



1 Elevation - GRAND JURY ROOM - SIGHT LINE
1/2" = 1'-0"



2 Elevation - GRAND JURY ROOM - FRONT EAST WALL
1/2" = 1'-0"

- OUTLETS BEHIND TV
- AV1 AV JUNCTION BOX—PROVIDE A DOUBLE GANG J-BOX, MOUNTED @74" AFF WITH A (1) 1-1/2" CONDUIT TO HUNG CEILING.
- 120V DUPLEX RECEPTACLE, MOUNTED AT 65" AFF BEHIND TV.
- VOICE/DATA OUTLET— 2—DATA CABLE OUTLET

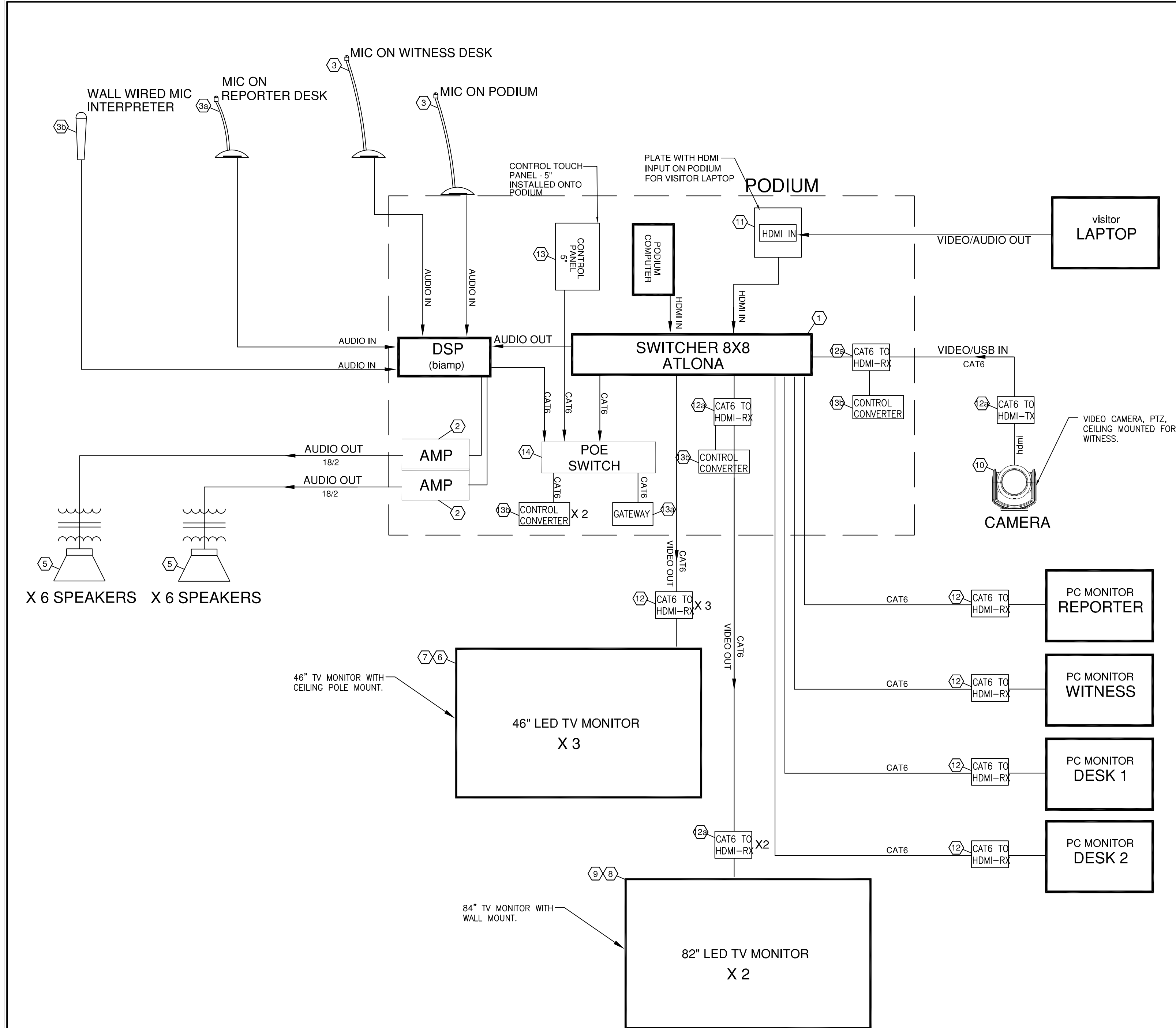
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DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601		SHEET NUMBER AV-2																										
AUDIO VISUAL ELEVATIONS & SECTIONS GRAND JURY ROOM		SHEET NO. 2 OF 3																										
DATE: MAY 20, 2021 DPW FILE NO. 52-01-AV-615		SCALE: AS NOTED Issue Date REV NO. 0																										



1 AV FUNCTION SUMMARY

- AV CONTRACTOR TO PROVIDE ALL WIRING AND CABLING NECESSARY AND ANY OTHER EQUIPMENT/CONVERTERS NECESSARY FOR COMPLETE AUDIO & VIDEO SYSTEM.
- TV MONITORS ARE TO DISPLAY VIDEO FROM HDMI SOURCE LOCATED AT THE PODIUM FROM LAPTOP, (HDMI IN). DISPLAY ON 4 OF THE 5 MONITORS.
- CAMERA VIDEO TO BE DISPLAYED ON CENTER 46" MONITOR.
- WHEN LAPTOP IS NOT CONNECTED, CONTROL BUTTON IS TO BE PRESSED TO SHOW CAMERA IMAGE ON MONITORS AND ACTIVATE SYSTEM.
- HDMI/I/R CONVERTERS ARE TO BE USED AT TV MONITORS TO CONVERT CAT6 TO HDMI AT TV MONITOR.
- THERE ARE TO BE THREE (3) GOOSE NECK MICs, AT PODIUM, REPORTER AND AT WITNESS DESK. THERE IS TO BE ONE (1) WIRED MIC WITH STAND AT INTERPRETERS' DESK.
- AUDIO WILL BE FROM MICs AND FROM VIDEO SOURCE AND SHALL COME THRU CEILING SPEAKERS, TOTAL OF 12 CEILING SPEAKERS.
- PODIUM CONTROLLER SHALL BE USED TO CHANGE VIDEO INPUTS, TURN ON TV MONITORS AND ADJUST AUDIO VOLUME.

GENERAL NOTES

- A. AUDIOVISUAL CONTRACTORS GENERAL RESPONSIBILITIES
- THE AUDIOVISUAL CONTRACTOR SHALL GENERATE ALL SHOP DRAWINGS AND INFORMATION FOR THE COMPLETE INSTALLATION AND WIRING OF THE SYSTEM. THE AUDIOVISUAL CONTRACTOR SHALL PROVIDE (OR SUB-CONTRACT FOR) THE ON-SITE INSTALLATION AND WIRING AND SHALL PROVIDE ON-GOING SUPERVISION AND COORDINATION DURING THE IMPLEMENTATION PHASE.
 - THE AUDIOVISUAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE INITIAL ADJUSTMENT OF THE SYSTEMS AS HEREIN PRESCRIBED AND SHALL PROVIDE ALL TEST EQUIPMENT FOR THE SYSTEM CHECKOUT AND ACCEPTANCE TESTS. AUDIOVISUAL CONTRACTOR SHALL PROVIDE ON-THE-JOB TRAINING IN THE OPERATION AND MAINTENANCE OF THE SYSTEMS FOR PERSONNEL DESIGNATED BY THE OWNER AND CONSULTANT.
 - CERTAIN EQUIPMENT MAY BE IDENTIFIED IN THESE SPECIFICATIONS AND RELATED DRAWINGS AS O/E OR OSE. THE AUDIOVISUAL CONTRACTOR IS NOT RESPONSIBLE FOR FURNISHING, BUT IS RESPONSIBLE FOR TESTING, ACCEPTING, REMOVING AND INSTALLING ALL O/E OR OSE EQUIPMENT FROM ITS EXISTING LOCATION.
 - THE AUDIOVISUAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTING, TESTING AND PERFORMING A GENERAL CLEANING OF ALL O/E OR OSE. IF ANY EQUIPMENT IS IN NEED OF REPAIR, THE CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE CONSULTANT WITH A DETAILED DESCRIPTION OF NEEDED REPAIRS AND ESTIMATED REPAIR COST.
- B. SUBMITTALS
- PRIOR TO FABRICATION AND PURCHASING OF EQUIPMENT, THE AUDIOVISUAL CONTRACTOR SHALL SUBMIT FOR APPROVAL, ANY CUSTOM DESIGNS PERTAINING TO THE SYSTEMS.
 - AT THE COMPLETION OF THE INSTALLATION, THE AUDIOVISUAL CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION AS REQUIRED IN THE GENERAL AND SPECIAL CONDITIONS.
- C. ALTERNATE EQUIPMENT
- ALL BIDS SHALL BE SUBMITTED ON THE BASIS OF THE SPECIFIED EQUIPMENT. THE AUDIOVISUAL CONTRACTOR MAY PROPOSE ALTERNATE EQUIPMENT. HOWEVER, ALL SUCH PROPOSALS SHALL BE SUBMITTED SEPARATELY AND WILL BE IDENTIFIED AS ALTERNATES WITH EQUIPMENT COSTS SHOWN SEPARATE AND APART FROM THE COSTS OF THE EQUIPMENT AS SPECIFIED.
- ALL SUCH PROPOSALS FOR ALTERNATE EQUIPMENT SHALL BE ACCOMPANIED BY FULL TECHNICAL INFORMATION, CUT SHEETS AND SPECIFICATION FOR THE EQUIPMENT SO PROPOSED. THE AUDIOVISUAL CONTRACTOR SHALL IDENTIFY THE SUBSTANTIVE DIFFERENCES BETWEEN THE ALTERNATE AND SPECIFIED EQUIPMENT.
- D. EXCEPTIONS AND PROPOSED MODIFICATIONS
- SHOULD THE AUDIOVISUAL CONTRACTOR HAVE RECOMMENDATIONS WHICH WILL ENHANCE THE PERFORMANCE OF THE SYSTEM, OR REDUCE COSTS WITHOUT THE LOSS OF PERFORMANCE, SUCH COMMENTS SHALL BE MADE IN THE BID SUBMISSION. ALL SUGGESTIONS THAT ARE OF VALUE TO THE OWNER WILL BE TAKEN INTO CONSIDERATION IN THE EVALUATION OF THE BID RETURNS. ALL SUCH PROPOSALS SHALL BE MADE AS ALTERNATES, WITH THE APPROPRIATE COST MODIFICATIONS SHOWN SEPARATE AND APART FROM THE COSTS OF THE SYSTEM AS SPECIFIED.
- ANY AND ALL EXCEPTIONS TO THESE SPECIFICATIONS AND RELATED DRAWINGS MUST BE MADE WITH THE BID SUBMISSION. IN THE ABSENCE OF EXCEPTIONS, THESE SPECIFICATIONS AND RELATED DRAWINGS SHALL BE BINDING IN LETTER AND INTENT ON THE SUCCESSFUL BIDDER. IT WILL FURTHER BE ASSUMED THAT THE BIDDER HAS EXAMINED THE DESIGN AND SPECIFICATIONS IN DETAIL, AND IS PREPARED TO TAKE FULL RESPONSIBILITY FOR THE PERFORMANCE OF THE COMPLETE INSTALLATION AS DESIGNED AND SPECIFIED.
- E. AWARD OF CONTRACT
- A SINGLE AWARD OF CONTRACT WILL BE MADE FOR ALL SYSTEMS AS DETAILED IN THIS SPECIFICATION. THE QUOTED PRICE SHALL REMAIN FIRM FOR 120 DAYS. THE OWNER RESERVES THE RIGHT TO REJECT ANY BIDS FOR ANY REASON.
- F. WARRANTY STATEMENT
- THE AUDIOVISUAL CONTRACTOR SHALL INCLUDE A STATEMENT OF WARRANTY ON THE ENTIRE SYSTEM AND ON THE INDIVIDUAL PIECES OF EQUIPMENT. THE SYSTEM WARRANTY SHALL BE FOR A MINIMUM OF 365 DAYS FROM THE DATE OF COMPLETION OF CONSTRUCTION AS DEFINED IN THE CONTRACT. THIS WARRANTY SHALL OBLIGATE THE AUDIOVISUAL CONTRACTOR TO PROVIDE ALL EQUIPMENT, MATERIAL, AND LABOR AT NO CHARGE TO THE OWNER DURING THE WARRANTY PERIOD, IN THE EVENT OF SYSTEM OR EQUIPMENT MALFUNCTION.
- G. AV BID
- PROVIDE BID USING THE MATERIAL LIST LOCATED ON THIS DRAWING. CONTACT MORAS C. MIRANDA TO OBTAIN THE SPREADSHEET. NMIRANDAD@TECHNOLOGYSOLUTIONSDESIGNGROUP.COM TEL: 917-533-3689

AV EQUIPMENT LIST

AV EQUIPMENT						
Item	Equipment	Manufacturer	Part no.	Quantity	Unit price	Total price
1	Matrix switcher 8 x 8	Atlona	AT-UHD-PRO3-88M	1	\$ -	\$ -
2	Amp 120 Watts	Atlona	AT-GAN-120	2	\$ -	\$ -
2a	DSP	Tesraforce	AVB-VT	1	\$ -	\$ -
3	Mics at Podium & Witness Desk	Shure	MX415 or equivalent	2	\$ -	\$ -
3a	Mic at Desk (Reporter)	Shure	MX405 or equivalent	1	\$ -	\$ -
3b	Mic with Stand (Interpreter wall Location)	Shure	SM58 or equivalent with stand	1	\$ -	\$ -
5	Speakers	Sornance	PS-C63RT WHITE	12	\$ -	\$ -
6	47" TV Monitor	Samsung	QMW7H or equivalent	3	\$ -	\$ -
7	Ceiling Mount for 47" TV Monitor	Chief	FHP Series	3	\$ -	\$ -
8	84" TV Monitor	LG	86UL340C	2	\$ -	\$ -
9	Wall Mount for 84" TV Monitor	Chief	XTM1U or equivalent	2	\$ -	\$ -
10	Camera - HDMI/USB PTZ	Atlona	AT-HDVS-CAM-HDMI-BK	1	\$ -	\$ -
11	HDMI input for Laptop at Podium	Installer	Provide HDMI input Plate	1	\$ -	\$ -
12	HDMI RECEIVER w/IR and RS232 to CAT6	Atlona	AT-UHD-EX-70C-RX	7	\$ -	\$ -
12a	HDMI TRANSMITTER & RECEIVER w/IR and RS232 to CAT6	Atlona	AT-UHD-EX-70C-KIT	3	\$ -	\$ -
13	Control Panel for Camera when Laptop not connected - 5" - Mounted onto Podium	Atlona	AT-VTP-550	1	\$ -	\$ -
13a	Atlona Gateway for 3 Rooms	Atlona	AT-VGW-HW-3	1	\$ -	\$ -
13b	Control Converter POE with RS232 Dongle for Velocity Gateway	Atlona	AT-VCC-RS232-KIT	3	\$ -	\$ -
14	10 port Network/POE Switch	CISCO	SG350-10MP or equivalent	1	\$ -	\$ -
15	All necessary wires/CAT6 cables/ HDMI cables/connectors and materials as needed for a complete working system			lot	\$ -	\$ -
EQUIPMENT TOTAL						\$ 0.00
Non Equipment						
1	AV INTEGRATOR	Drafting/Documentation/Shop Drawings			\$ -	
2	AV INTEGRATOR	Programming/Atlona			\$ -	
3	AV INTEGRATOR	Shop Assembly/Fabrication/QC			\$ -	
4	AV INTEGRATOR	Site Installation & QC			\$ -	
5	AV INTEGRATOR	Sales Tax			\$ -	
NON-EQUIPMENT TOTAL						\$ 0.00
GRAND TOTAL						\$ 0.00

AV EQUIPMENT INSTALLATION SCOPE OF WORK

- 1) GRAND JURY ROOM
- This room will be used for video Presentation using a visitor laptop located on top of the Podium and/or a permanent pc located in the podium, connected via an HDMI input AV plate on top of the podium. A ceiling camera will also be used to display image of the witness at the same time.
 - Display** - Furnish and Install three (3) ceiling (47") and two (2) wall mounted (82") TV Monitors. There shall be four (4) additional computer monitors that shall be provided by the client.
 - Audio** - Furnish and Install goose neck Mic for podium, witness table, reporter and a wired mic w/stand for speech audio amplification within the room. Program audio from laptop and speech audio shall be thru ceiling speakers.
 - AV Input** - One (1) HDMI connections at the podium.
 - Control** - Control panel installed onto podium to display camera image when a laptop is not connected.
- All necessary wires/cables/connectors and materials for a complete system

IT, AV & SECURITY CONSULTANT

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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING LOW RISE BUILDING RENOVATIONS AND HVAC IMPROVEMENTS 110 DR. MARTIN LUTHER KING, JR. BOULEVARD WHITE PLAINS, NEW YORK 10601 AUDIO VISUAL ONE-LINE DIAGRAM, EQUIPMENT LIST GRAND JURY ROOM				CONTRACT NUMBER TSDG 2110 SHEET NO. 3 OF 3
SCALE: DATE: MAY 20, 2021 DPW FILE NO.				AS NOTED Issue Date REV NO. 0