

# METROPOLITAN HOSPITAL 7TH FLOOR CALL CENTER

1901 FIRST AVENUE  
NEW YORK, NY 10029  
BLOCK: 1669 LOT:1

ISSUED FOR BID - NOVEMBER 10, 2021

### ARCHITECTURAL

SHT	DWG NO.	DRAWING NAME
1	T-001.00	TITLE SHEET
2	G-000.00	GENERAL NOTES
3	G-001.00	GENERAL NOTES
4	G-002.00	SEVENTH FLOOR LIFE SAFETY PLAN
5	DM-100.00	SEVENTH FLOOR DEMOLITION PLAN (1 OF 2)
6	DM-101.00	SEVENTH FLOOR DEMOLITION PLAN (2 OF 2)
7	DM-120.00	SEVENTH FLOOR DEMOLITION REFLECTED CEILING PLAN (1 OF 2)
8	DM-121.00	SEVENTH FLOOR DEMOLITION REFLECTED CEILING PLAN (2 OF 2)
9	A-100.00	SEVENTH FLOOR CONSTRUCTION PLAN (1 OF 2)
10	A-101.00	SEVENTH FLOOR CONSTRUCTION PLAN (2 OF 2)
11	A-110.00	SEVENTH FLOOR FURNITURE PLAN (1 OF 2)
12	A-111.00	SEVENTH FLOOR FURNITURE PLAN (2 OF 2)
13	A-120.00	SEVENTH FLOOR REFLECTED CEILING PLAN (1 OF 2)
14	A-121.00	SEVENTH FLOOR REFLECTED CEILING PLAN (2 OF 2)
15	A-122.00	SIXTH FLOOR CEILING SCOPE OF WORK PLAN (1 OF 2)
16	A-123.00	SIXTH FLOOR CEILING SCOPE OF WORK PLAN (2 OF 2)
17	A-130.00	SEVENTH FLOOR POWER & DATA PLAN (1 OF 2)
18	A-131.00	SEVENTH FLOOR POWER & DATA PLAN (2 OF 2)
19	A-140.00	SEVENTH FLOOR FINISH PLAN (1 OF 2)
20	A-141.00	SEVENTH FLOOR FINISH PLAN (2 OF 2)
21	A-500.00	INTERIOR ELEVATIONS
22	A-501.00	INTERIOR ELEVATIONS
23	A-502.00	INTERIOR ELEVATIONS
24	A-505.00	TOILETS - ENLARGED PLANS & ELEVATIONS
25	A-506.00	TOILETS - ENLARGED PLANS & ELEVATIONS
26	A-507.00	TOILETS - ENLARGED PLANS & ELEVATIONS
27	A-700.00	CEILING DETAILS
28	A-701.00	MILLWORK DETAILS
29	A-703.00	DOOR & FRAME TYPES, SCHEDULES
30	A-704.00	PARTITION TYPES & DETAILS
31	A-705.00	PARTITION TYPES & DETAILS

### MECHANICAL

SHT	DWG NO.	DRAWING NAME
1	M-001.00	MECHANICAL SYMBOL, ABBREVIATIONS AND NOTES
2	DM-401.00	SEVENTH FLOOR MECHANICAL DEMOLITION PLAN (1 OF 2)
3	DM-402.00	SEVENTH FLOOR MECHANICAL DEMOLITION PLAN (2 OF 2)
4	M-101.00	SEVENTH FLOOR MECHANICAL PLAN (1 OF 2)
5	M-102.00	SEVENTH FLOOR MECHANICAL PLAN (2 OF 2)
6	M-201.00	SEVENTH FLOOR MECHANICAL PIPING PLAN (1 OF 2)
7	M-202.00	SEVENTH FLOOR MECHANICAL PIPING PLAN (2 OF 2)
8	M-203.00	SEVENTH FLOOR MECHANICAL ROOF PLAN
9	M-501.00	MECHANICAL DETAILS I
10	M-502.00	MECHANICAL DETAILS II
11	M-503.00	MECHANICAL DETAILS III
12	M-551.00	MECHANICAL CONTROLS I
13	M-552.00	MECHANICAL CONTROLS II
14	M-553.00	MECHANICAL CONTROLS III
15	M-601.00	MECHANICAL SCHEDULES

### ELECTRICAL

SHT	DWG NO.	DRAWING NAME
1	E-001.00	ELECTRICAL SYMBOL LIST, GENERAL NOTES & DRAWING LIST
2	E-002.00	ELECTRICAL LIGHTING FIXTURE SCHEDULE
3	DM-501.00	SEVENTH FLOOR ELECTRICAL DEMOLITION POWER PLAN I
4	DM-502.00	SEVENTH FLOOR ELECTRICAL DEMOLITION POWER PLAN II
5	DM-503.00	SEVENTH FLOOR ELECTRICAL DEMOLITION LIGHTING PLAN I
6	DM-504.00	SEVENTH FLOOR ELECTRICAL DEMOLITION LIGHTING PLAN II
7	E-100.00	SEVENTH FLOOR ELECTRICAL LIGHTING PLAN I
8	E-101.00	SEVENTH FLOOR ELECTRICAL LIGHTING PLAN II
9	E-201.00	SEVENTH FLOOR ELECTRICAL POWER PLAN I
10	E-202.00	SEVENTH FLOOR ELECTRICAL POWER PLAN II
11	E-203.00	SEVENTH FLOOR ELECTRICAL HVAC POWER PLAN I
12	E-204.00	SEVENTH FLOOR ELECTRICAL HVAC POWER PLAN II
13	E-205.00	ELECTRICAL ROOF HVAC POWER PLAN
14	E-300.00	ELECTRICAL PART POWER RISER DIAGRAM
15	E-400.00	ELECTRICAL PANEL SCHEDULES I
16	E-401.00	ELECTRICAL PANEL SCHEDULE II
17	E-500.00	ELECTRICAL DETAIL SHEET I
18	E-501.00	ELECTRICAL DETAIL SHEET II
19	E-502.00	LIGHTING CONTROL WIRING DIAGRAM

### PLUMBING

SHT	DWG NO.	DRAWING NAME
1	P-001.00	PLUMBING SYMBOLS LIST, GEN'L NOTES, ABBREVS & SCHEDULES
2	DM-200.00	SEVENTH FLOOR DEMOLITION PLUMBING PLAN (1 OF 2)
3	DM-201.00	SEVENTH FLOOR DEMOLITION PLUMBING PLAN (2 OF 2)
4	P-100.00	SEVENTH FLOOR PLUMBING PLAN (1 OF 2)
5	P-101.00	SEVENTH FLOOR PLUMBING PLAN (2 OF 2)
6	P-300.00	PLUMBING RISERS
7	P-500.00	PLUMBING DETAILS SHEET
8	P-700.00	PLUMBING SPECIFICATIONS SHEET

### SPRINKLER

SHT	DWG NO.	DRAWING NAME
1	SP-001.00	SPRINKLER SYMBOLS LIST, GEN'L NOTES, ABBREVS & SCHEDULES
2	SP-100.00	SEVENTH FLOOR SPRINKLER PLAN (1 OF 2)
3	SP-101.00	SEVENTH FLOOR SPRINKLER PLAN (2 OF 2)
4	SP-500.00	SPRINKLER DETAILS SHEET
5	SP-700.00	SPRINKLER SPECIFICATIONS SHEET

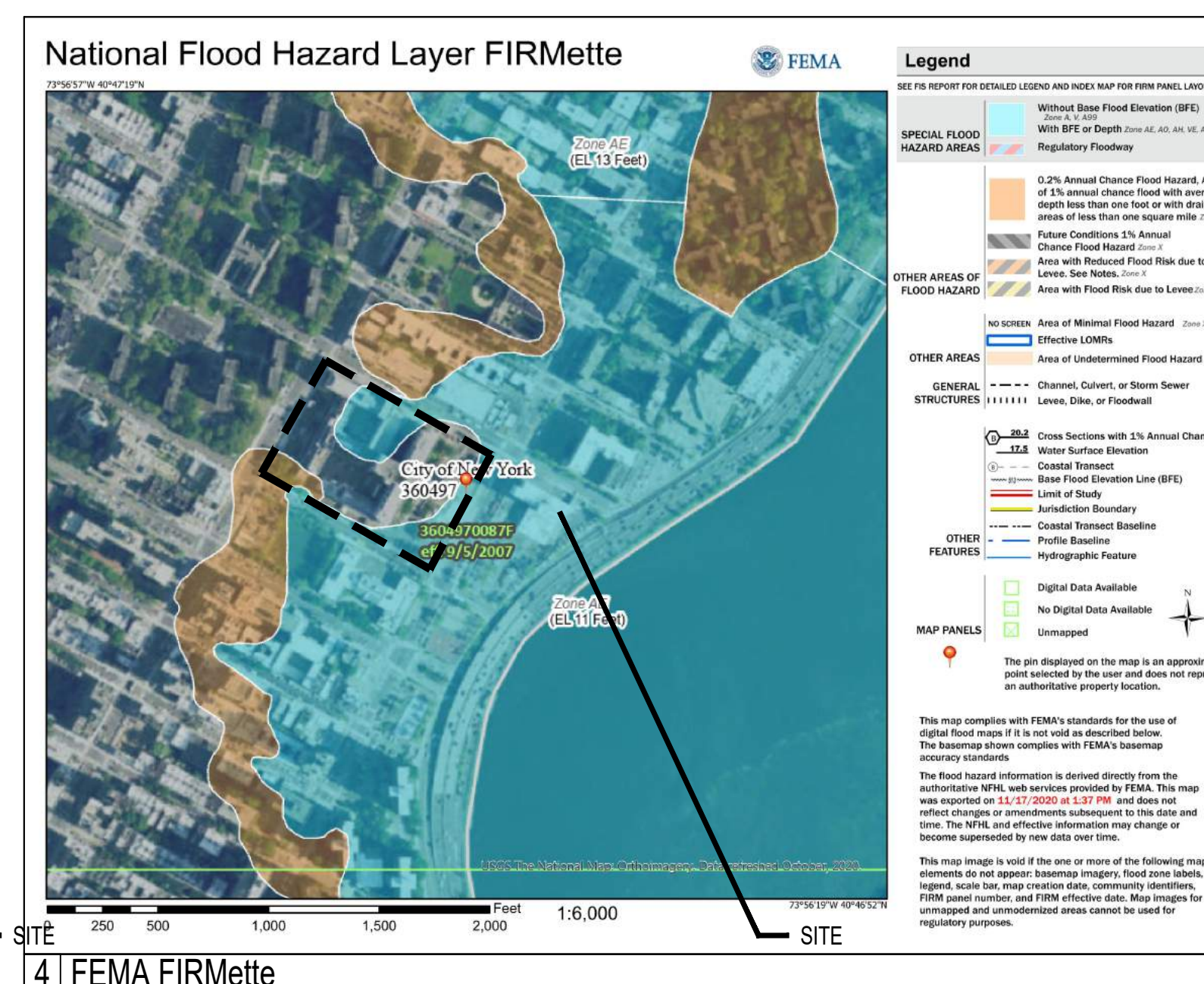
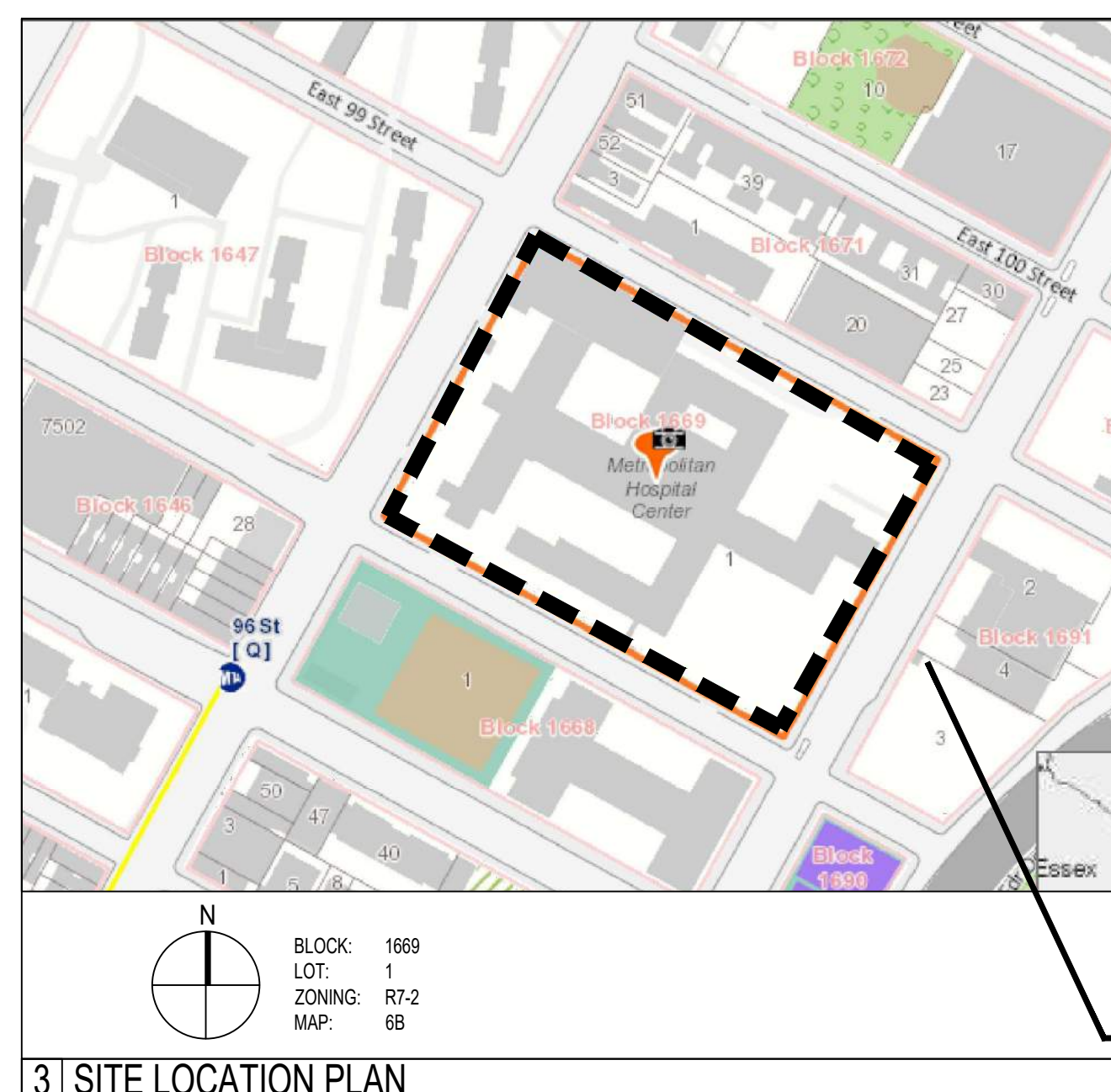
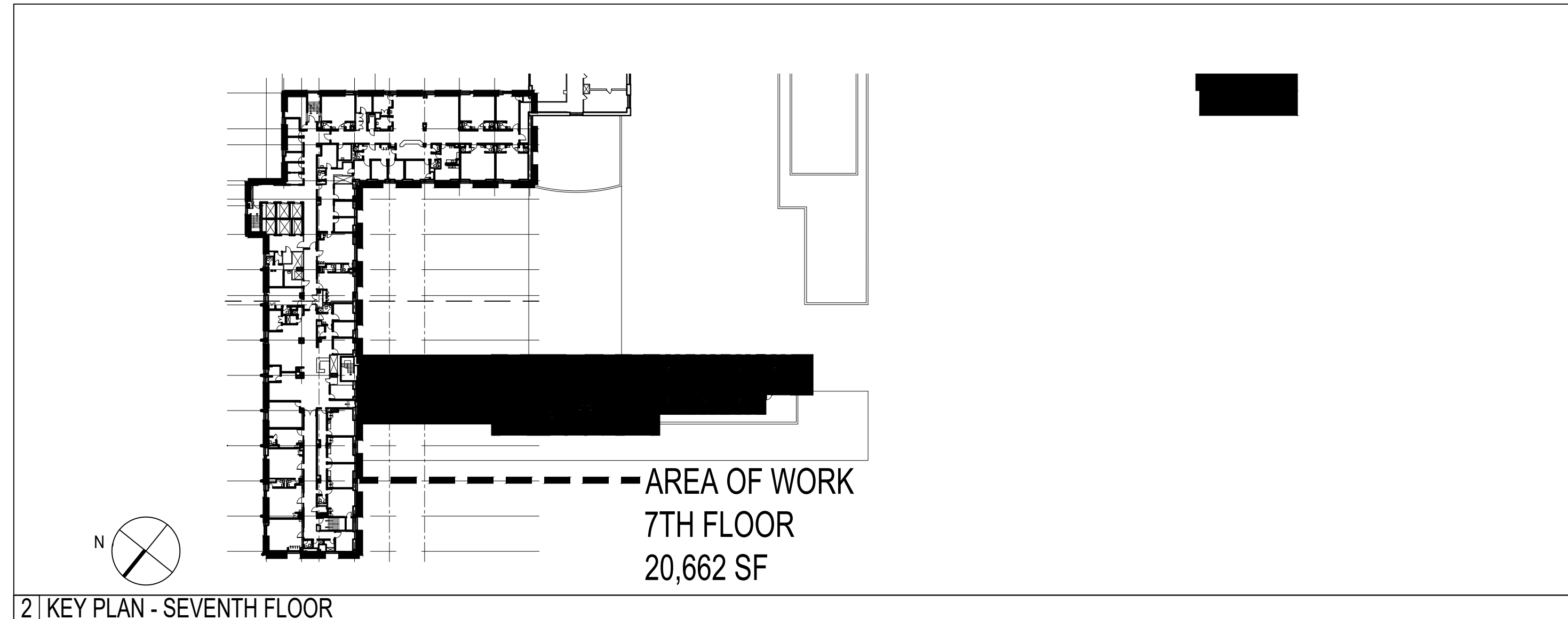
### FIRE ALARM

SHT	DWG NO.	DRAWING NAME
1	FA-001.00	FIRE ALARM NOTES, LEGEND, ABR. AND SEQUENCE OF OPERATION
2	FA-100.00	SEVENTH FLOOR PART FIRE ALARM PLAN (1 OF 2)
3	FA-101.00	SEVENTH FLOOR PART FIRE ALARM PLAN (2 OF 2)
4	FA-301.00	FIRE ALARM SEVENTH FLOOR PART RISER DIAGRAM
5	FA-400.00	FIRE ALARM DETAILS

### STRUCTURAL

SHT	DWG NO.	DRAWING NAME
1	S-100.00	PLAN AT MECH ROOM 705, GENERAL NOTES AND DETAILS
2	S-101.00	PLAN AT MECH ROOM 735 AND DETAILS

@	At	HR	Hand Rail
A/C	Air Conditioning	INBD	Inboard
ACT	Acoustical Tile Ceiling	ID	Inside Diameter
ADJ	Adjacent	INSUL	Insulation
ADJUST	Adjustable	INT	Interior
AFF	Above Finish Floor	JT	Joint
ALUM	Aluminum	LAV	Lavatory
AP	Access Panel	MAX	Maximum
ASSY	Assembly	MECH	Mechanical
BD	Board	MEP	Mechanical, Electrical, Plumbing
BO	Bottom Of	MER	Mechanical Equipment Room
BOT	Bottom	MIN	Minimum
CAB	Cabinet	MLDG	Moulding
CL	Centerline	MR GWB	Moisture Resistant GWB
CER	Ceramic	MTD	Mounted
CG	Corner Guard	MTL	Metal
CJ	Control Joint	NIC	Not in Contact
CLG	Ceiling	NYPH	New York Presbyterian Hospital
CMU	Concrete Masonry Unit	OC	On Center
COL	Column	OPNG	Opening
CONC	Concrete	OPP	Opposite
CONT	Continuous	OTBD	Outboard
CT	Ceramic Tile	OD	Outside Diameter
C.T.	Curtain Track	P LAM	Plastic Laminate
CTR	Center	PARTN	Partition
CW	Cold Water	PL	Property Line
DET	Detail	PLWD	Plywood
DIA / Ø	Diameter	PNL	Panel
DF	Drinking Fountain	PTD	Painted
DIM	Dimension	PT	Patient Toilet
DN	Down	REINF	Reinforced or Reinforcement
DWG	Drawing	REQD	Required
EG	End Guard	RD	Roof Drain
EL	Elevation	RM	Room
ELEC	Electric or Electrical	S/S	Stainless Steel
EJ	Expansion Joint	SIM	Similar
EP	Electric Panel	SFT	Start Full Tile
ESP	End Support Panel	SL	Sea level
EQ	Equal	SP	Support Panel
EQUIP	Equipment	STL	Steel
EWC	Electric Water Cooler	STOR	Storage
EX	Existing	STR	Structure or Structural
EXT	Exterior	SUSP	Suspended
FO	Face of	TBD	To Be Determined
FD	Floor Drain	TEL	Telephone
FHC	Fire Hose Cabinet	THK	Thick
FIXT	Fixture	TO	Top Of
FL	Floor	TYP	Typical
FLUOR	Fluorescent	TYP OS	Typical Other Side
HB	Hose Bib	UC	Undercut
HC	Handicapped	UON	Unless Otherwise Noted
HM	Hollow Metal	VIF	Verify In Field
HT	Height	WP	Work Point



**NYC HEALTH+ HOSPITALS**

**Metropolitan**

METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER

5	ISSUED FOR BID REVISED	11.10.21
4	ISSUED FOR BID	10.04.21
3	100% DESIGN DEVELOPMENT	08.27.21
2	30% ARCH CD	07.21.21
1	ISSUED FOR SD COST ESTIMATE	04.30.21

#	DESCRIPTION	DATE
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**GW**

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PROJECT

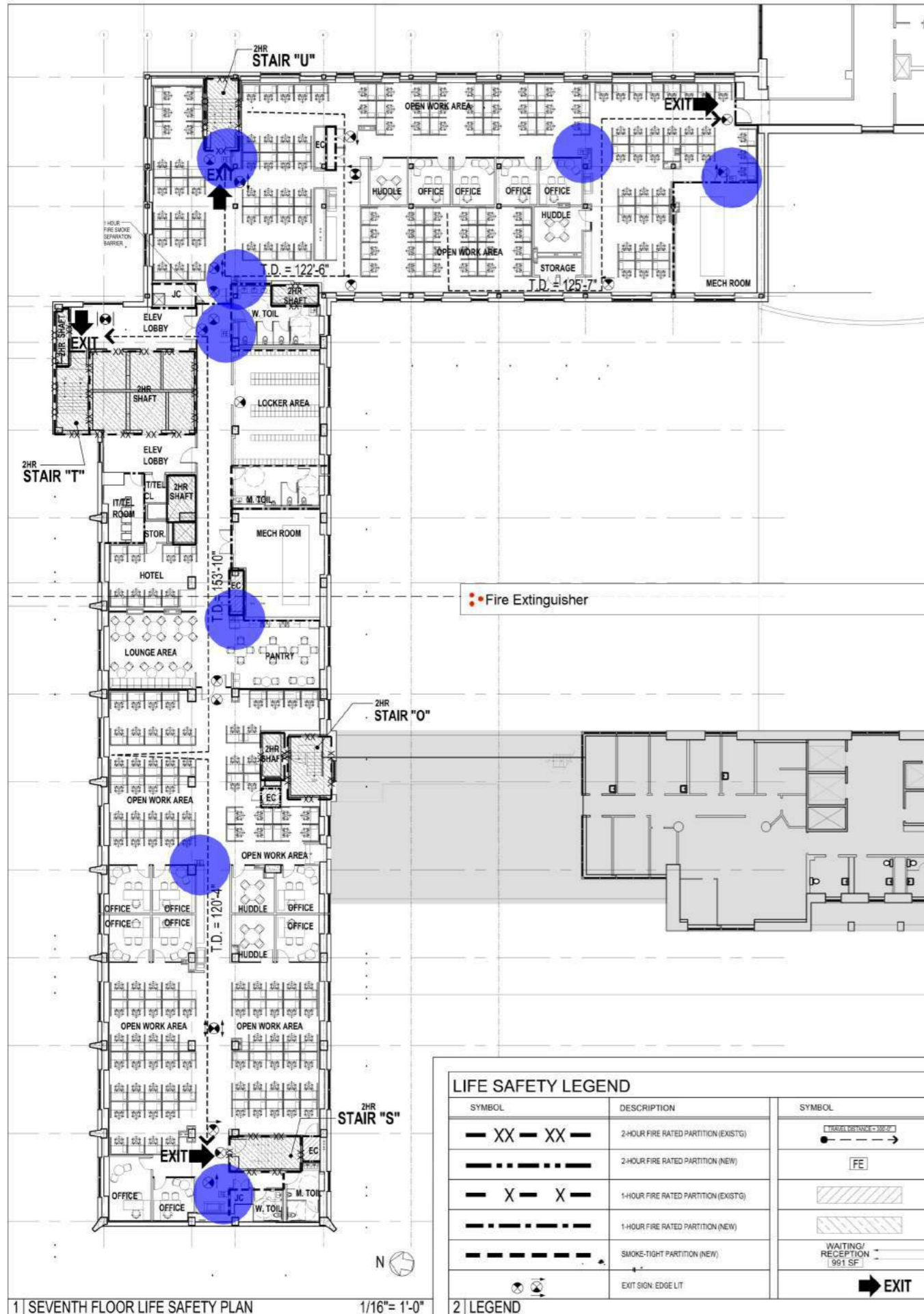
**METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER**

1901 FIRST AVENUE  
NEW YORK, NEW YORK 10029  
BLOCK: 1669 LOT: 1

DRAWING

DATE	FEBRUARY 2021
JOB NUMBER	20033
DWG NO.	T-001.00
DRAWN BY	YH, AG
CHECKED BY	
DATE	
SCALE	
SHEET NO.	01 of 31

NYC DOB Number



1 | SEVENTH FLOOR LIFE SAFETY PLAN 1/16" = 1'-0"

**LIFE SAFETY LEGEND**

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
— XX — XX —	2-HOUR FIRE RATED PARTITION (EXIST'G)	—●—	DIST. OF TRAVEL (DOT)
— — — — —	2-HOUR FIRE RATED PARTITION (NEW)	[FE]	FIRE EXTINGUISHER
— X — X —	1-HOUR FIRE RATED PARTITION (EXIST'G)	[Hatched Box]	1 HOUR RATED ENCLOSURE
— — — — —	1-HOUR FIRE RATED PARTITION (NEW)	[Hatched Box]	2 HOUR RATED ENCLOSURE
— — — — —	SMOKE-TIGHT PARTITION (NEW)	WAITING/RECEPTION (901 SF)	ROOM NAME SQUARE FEET
EXIT SIGN	EXIT SIGN: EDGE LIT	➔ EXIT	EXIT DISCHARGE FROM FLOOR

2 | LEGEND

A	PROJECT DESCRIPTION: 7TH FLOOR, 1914 SECOND AVENUE, NEW YORK, NY
	MENTAL HEALTH BUILDING OCCUPANCY: EXISTING HEALTHCARE CHAPTER 19 PER NFPA / H-2 PER NYCBC 1968
	7TH FLOOR USE OCCUPANCY: OFFICES - NEW BUSINESS CHAPTER 38 PER NFPA / B-BUSINESS PER NYCBC 1968
	ALT 2 RENOVATION: NO PROPOSED CHANGE TO USE, OCCUPANCY OR EGRESS
APPLICABLE CODES, REFERENCE STANDARDS & GUIDELINES	
1968 BUILDING CODE OF THE CITY OF NEW YORK (NYCBC)	
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN	CFR/OSHA: 29 CFR PARTS 100-199, 16-1-93
NYCECC (BASED ON 2016 ECCNYS WITH AMENDMENTS AS PER LOCAL LAW 85 OF 2009)	ASTM E814-1983 STANDARD METHOD OF FIRE TESTS OF THROUGH PENETRATION FIRESTOPS
NYC FUEL GAS CODE, 2014	
NYC PLUMBING CODE, 2014	
NYC MECHANICAL CODE, 2014	
NFPA LIFE SAFETY CODE 101, YEAR 2012	
B	CONSTRUCTION REQUIREMENTS
EXISTING BUILDING CLASSIFICATION 1-B NON-COMBUSTIBLE	
TYPE II (222) - PER NFPA	
EXISTING BUILDING IS 14 STORIES PLUS TWO MECHANICAL BULKHEAD FLOORS. ALL VERTICAL SHAFTS TO BE 2-HOUR RATED.	
C	OCCUPANCY REQUIREMENTS
OCCUPANCY GROUP CLASSIFICATION B - BUSINESS (TABLE 5-2, MEDICAL OFFICES)	
MAX. OCCUPANT LOAD FOR SPACES WITH 1 DOOR = 74 PERSONS (B' GROUP)	
SQUARE FOOTAGE OCCUPANCY ANALYSIS:	
FIRST FLOOR GROSS S.F. = 20,038 S.F.	
FIRST FLOOR NET S.F. (EXCLUDES CORRIDORS, TOILETS, STORAGE & SHAFTS) = 10,268 S.F.	
PER NYCBC TABLE 6-2 AND NFPA TABLE 7.3.1.2 = 100 NET S.F. PER PERSON	
10,268 NSF / 100 = 102 PERSONS	
PER ACTUAL COUNT - 253 WORK STATIONS, 14 OFFICES, 20 HOTEL, 16 HUDDLE = 303 OCCUPANTS	
D	EXIT / EGRESS REQUIREMENTS
TRAVEL DISTANCE:	
300 FEET MAX - NYCBC TABLE 6-1	
300 FEET MAX - NFPA 38.2.6.3	
OCCUPANCY PER EGRESS UNIT = 0.3 AT STAIRWAYS (NFPA TABLE 7.3.3.1) / 1 UNIT WIDTH FOR 22" (NYCBC 27-359)	
OCCUPANCY PER EGRESS UNIT = 0.2 AT DOORS (NFPA TABLE 7.3.3.1) / 1 UNIT WIDTH FOR 22" (NYCBC 27-359)	
WIDTH OF CORRIDORS / PASSAGEWAYS	
44" MINIMUM (PER NYCBC TABLE 6-1)	
44" MINIMUM (PER NFPA, SECTION 38.2.3.2)	
MAX DEAD-END CORRIDOR	
50'-0" MAXIMUM, WITH AUTOMATIC SPRINKLER SYSTEM (PER NYCBC TABLE 6-1)	
50'-0" MAXIMUM, WITH AUTOMATIC SPRINKLER SYSTEM (PER NFPA SECTION 38.2.5.2.1)	
E	CAPACITY OF EXITS (USING MOST RESTRICTIVE BETWEEN NFPA 101 & NYCBC 2014):
STAIR T : 44" WIDE STAIRS = 2 UNITS X 60 PERSON PER UNIT = 120 PERSONS	
STAIR U : 44" WIDE STAIRS = 2 UNITS X 60 PERSON PER UNIT = 120 PERSONS	
STAIR S : 44" WIDE STAIRS = 2 UNITS X 60 PERSON PER UNIT = 120 PERSONS	
HE1 : 44" WIDE DOOR = 2 UNITS X 100 PERSON PER UNIT = 200 PERSONS	
<b>TOTAL CAPACITY (ACTUAL): 560 PERSONS &gt; 303 ACTUAL PERSONS (COMPLIES)</b>	
NOTE: STAIR "O" IS EXIT STAIR FOR ROOF ONLY AND NOT INCLUDED IN ABOVE CALCS	
F	RATING REQUIREMENTS
CORRIDORS:	
0 HOUR & SMOKE TIGHT (AS PER 2012 NFPA 101, SECTION 39.3.6.1, SUPERVISED AUTOMATIC SPRINKLER SYSTEM & SINGLE TENANT SPACE) N/A (AS PER NYCBC 2014)	
SHAFTS:	
N/A (AS PER 2012 NFPA 101)	
2 HOUR FOR 3 STORIES OR MORE, 1 HOUR FOR LESS THAN 3 STORIES (AS PER NYCBC)	
<b>3   BUILDING CODE ANALYSIS</b>	
1. NO CHANGE IN USE, EGRESS OR OCCUPANCY.	
2. AREA OF PROJECT WILL BE FULLY SPRINKLERED.	
3. ALL DOORS AT FIRE RATED PARTITIONS SHALL BE FIRE PROOF & SELF CLOSING (F.P.S.C.) DOORS.	
4. ALL CORRIDOR WALLS SHALL BE CONSTRUCTED TO RESIST THE PASSAGE OF SMOKE.	
<b>4   GENERAL NOTES</b>	

NYC HEALTH+HOSPITALS  
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 METROPOLITAN HOSPITAL  
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PROJECT  
**METROPOLITAN HOSPITAL**  
**7TH FLOOR CALL CENTER**  
 1914 SECOND AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

DRAWING  
**SEVENTH FLOOR**  
**LIFE SAFETY PLAN**

SCALE: 1/16" = 1'-0"

DATE: FEBRUARY 2021  
 JOB NUMBER: 20033  
 DRAWING NUMBER: **G-002.00**  
 DRAWN BY: YH, AG  
 CHECKED BY: 04 of 31

NYC DOB Number  
 DWBY



1 | SEVENTH FLOOR DEMOLITION PLAN

1/8" = 1'-0"

**GENERAL DEMOLITION NOTES**  
THE FOLLOWING NOTES APPLY THROUGHOUT THESE PLANS.

I. DEMOLITION SCOPE: DEMOLISH ALL ITEMS INDICATED WITH A DASHED LINE (---). PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, TEMPORARY UTILITIES, SERVICES, AND OBTAIN ALL PERMITS REQUIRED TO DEMOLISH, REMOVE AND LEGALLY DISPOSE OF THE EXISTING CONSTRUCTION, FIXTURES, AND FITTINGS MARKED FOR DEMOLITION ON THE DRAWINGS AND NOTES. REMOVE ALL CEILINGS INCLUDING GWB SOFFITS, CEILING TILE, GRID, HANGERS, BLACK IRON, METAL LATH, PLASTER, ETC. THROUGHOUT ENTIRE AREA OF WORK, UNLESS OTHERWISE NOTED. IN ADDITION TO ALL ITEMS INDICATED ON THE CONSTRUCTION DOCUMENTS, REMOVE ALL OTHER EXISTING AND INCIDENTAL CONSTRUCTION AND/OR ITEMS WHICH CAN REASONABLY BE INFERRED AS NECESSARY TO INSTALL THE WORK OF THE CONTRACT, AND ALL ITEMS NECESSARY TO ACHIEVE THE FINISHED RESULTS INDICATED IN THE CONTRACT DOCUMENTS, REGARDLESS OF WHETHER OR NOT SUCH REMOVALS ARE SPECIFICALLY IDENTIFIED ON THE DRAWINGS. CONSULT WITH THE ARCHITECT IF ANY DOUBTFUL CONDITIONS ARE ENCOUNTERED DURING THE DEMOLITION PHASE. DO NOT PROCEED WITH WORK UNTIL ANY DOUBTFUL CONDITIONS ARE RESOLVED. CONTRACTOR SHALL DETERMINE THE SEQUENCING OF THE DEMOLITION WORK AS MAY BE REQUIRED INCLUDING THE TEMPORARY RE-SUPPORTING OF BUILDING PORTIONS NOT DEMOLISHED OR REMOVED.

II. REGULATIONS: PERFORM DEMOLITION, REMOVAL AND DISPOSAL OF DEBRIS AND RUBBISH IN STRICT ACCORDANCE WITH THE TERMS OF ALL LAWS AND REGULATIONS OF THE LOCAL AND NATIONAL AUTHORITIES HAVING JURISDICTION.

III. OCCUPATION: THE FLOORS ABOVE AND BELOW THE AREA OF WORK WILL BE OCCUPIED DURING DEMOLITION. PRIOR TO DEMOLITION, THE CONTRACTOR SHALL ERECT TEMPORARY, RIGID AND DUSTPROOF BARRIERS AROUND THE WORK AREA TO MINIMIZE THE IMPACT OF DUST.

IV. WORKSITE: THE CONTRACTOR IS TO MAINTAIN A CLEAN AND SAFE WORKSITE AT ALL TIMES. WASTE MATERIALS, RUBBISH, WRAPPINGS, CONTAINERS AND SALVAGES RESULTING FROM THE DEMOLITION WORK SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND SHALL NOT BE PERMITTED TO ACCUMULATE. UNLESS SPECIFICALLY NOTED, DEMOLISHED MATERIALS SHALL NOT BE REUSED AND SHALL BE PLACED IN APPROVED CONTAINERS TO BE PROMPTLY REMOVED AND DISPOSED OF LEGALLY.

V. PROTECTION: CONTRACTOR SHALL CAREFULLY PROTECT ALL ASSEMBLIES, FIXTURES, FINISHES AND FURNISHINGS TO REMAIN. CONTRACTOR SHALL EXERCISE EXTREME CARE TO AVOID DAMAGE TO ADJACENT FLOORS AND TO BUILDING COMMON AREAS, EXTERIOR WALLS, ETC. ALL DAMAGE DIRECTLY OR INDIRECTLY CAUSED BY THE CONTRACTOR OR SUB-CONTRACTORS UNDER THE CONTRACTOR'S SUPERVISION SHALL BE REPAIRED TO THE ORIGINAL, UNDAMAGED CONDITION AT NO COST TO THE OWNER.

VI. EGRESS: DEMOLITION OPERATIONS MUST NOT BLOCK ANY MEANS OF EGRESS. ACCESS TO REQUIRED MEANS OF EGRESS SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INSURING THAT SAFE, CLEARLY MARKED AND CLEAN MEANS OF EGRESS ARE MAINTAINED AT ALL TIMES.

VII. BUILDING SERVICES: COORDINATE SHUT OFF OF BUILDING SERVICES REQUIRED BY THE DEMOLITION WORK WITH METROPOLITAN HOSPITAL. REMOVALS AND CAPPING OF UTILITIES (ELECTRIC, PLUMBING, SPRINKLER, ETC.) SHALL BE PERFORMED BY LICENSED TRADESMEN WITH EXPERIENCE IN THIS TYPE OF WORK.

VIII. SERVICE REMOVAL: REMOVE ALL ABANDONED CONDUIT, ELECTRIC AND TELEPHONE WIRING, J-BOXES, OUTLETS AND OTHER DEVICES OR OTHER EQUIPMENT LEFT EXPOSED BY WALL AND PARTITION DEMOLITION. REMOVE ALL ABANDONED PLUMBING EXPOSED BY PARTITION AND WALL DEMOLITION.

IX. CAPPING LOCATION: PIPES, DUCTWORK, WIRES AND CONDUIT WHICH ARE TO BE ABANDONED SHALL BE CAPPED AND REMOVED TO A POINT OF CONCEALMENT BEHIND OR BELOW FINISHED WALLS AND FLOORS OR ABOVE CEILINGS.

X. MATERIAL STORAGE: ALL CONSTRUCTION MATERIALS WHICH ARE STORED AT THE SITE OR ANY AREA OF THE BUILDING ARE TO BE STORED IN A LOCKED AREA. ACCESS TO THIS AREA IS TO BE LIMITED TO THE CONTRACTOR AND THE OWNER. ALL MATERIALS ARE TO BE STORED IN A NEAT AND ORDERLY FASHION.

XI. FIRE SAFETY: THE DEMOLITION CONTRACTOR IS SOLELY RESPONSIBLE FOR FIRE SAFETY RELATED TO THE DEMOLITION SCOPE OF WORK. ALL FLAMMABLE MATERIALS ARE TO BE STORED IN UL DESIGNATED AND APPROVED CONTAINERS IN A ADEQUATELY VENTILATED SPACE.

XII. HAZARDOUS MATERIALS:  
A) THE OWNER SHALL OBTAIN AN ASBESTOS INSPECTION REPORT FOR THE WORK PRIOR TO THE ISSUANCE OF A BUILDING PERMIT. IN THE EVENT THAT THE CONTRACTOR ENCOUNTERS ASBESTOS OR PRODUCTS CONTAINING (OR THOUGHT TO CONTAIN) ASBESTOS, THEY SHALL REMOVE ALL PERSONS FROM THE PROPERTY IMMEDIATELY WITHOUT DISTURBING THESE PRODUCTS AND SHALL NOTIFY THE OWNER.

B) THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO PROTECT ALL PERSONS FROM HAZARDOUS MATERIALS PRODUCED BY THE REMOVAL OF OR DAMAGE TO UNDESIGNED AND CORRODED STRUCTURAL MEMBERS REPRESENTING SHALLOW FOUNDATIONS, INCLUDING THE PROPERTY AND CONFORMANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

C) THE CONTRACTOR SHALL PROTECT EXISTING MATERIALS WHICH THE CONTRACTOR IS TO REMOVE AND REMOVE THEM TO THE POINT OF CONSTRUCTION TO BE REMOVED.

D) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND SERVICES WHICH ARE TO REMAIN AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND SERVICES WHICH ARE TO BE REMOVED AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND SERVICES WHICH ARE TO BE REMOVED.

ARCHITECT WILL REVIEW SUCH CONDITIONS AT THE SITE AND WHERE APPROPRIATE SHALL PROVIDE SKETCHES OF REMEDIAL MEASURES TO BE TAKEN. NO SUBSTANDARD CONDITIONS WHICH BECOME EXPOSED SHALL BE COVERED OR CONCEALED PRIOR TO THE ARCHITECT'S REVIEW.

XVI. EXISTING STRUCTURE: ALL DEMOLITION IS TO BE UNDERTAKEN SO AS NOT TO DISTURB EXISTING STRUCTURAL COMPONENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR TO ANY DAMAGE TO EXISTING SPRAY ON FIRE-PROOFING.

XVII. MEANS AND METHODS: THE CONTRACTOR SHALL SUPERVISE THE WORK USING HIS BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR, AND SHALL HAVE CONTROL OVER, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES.

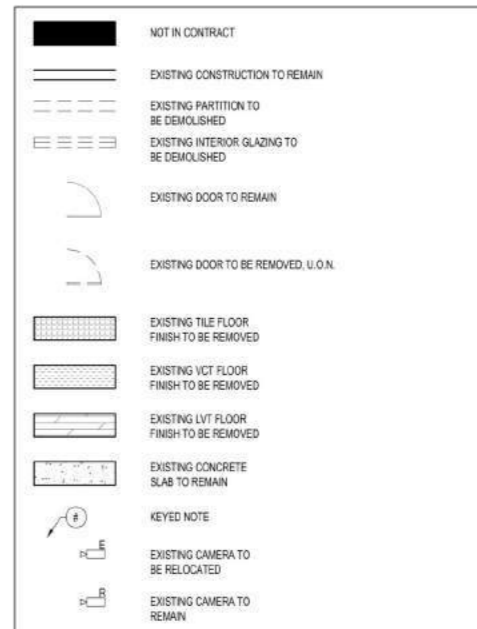
XVIII. SAFETY: THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING SAFETY PRECAUTIONS IN CONNECTION WITH THE WORK. GIVE NOTICES AND COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND ORDERS OF ANY PUBLIC AUTHORITY BEARING ON THE SAFETY OF PERSONS AND PROPERTY, AND THEIR PROTECTION FROM DAMAGE, INJURY AND LOSS. INSURE THAT THE JOB SITE IS MAINTAINED AT ALL TIMES IN SUCH A WAY AS TO PREVENT INJURY OR DAMAGE TO ALL PERSONS WORKING ON OR VISITING THE PREMISES, AND TO PERSONAL PROPERTY.

XIX. TEMPORARY LIGHTING: THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT ADEQUATE TEMPORARY LIGHTING IS AVAILABLE THROUGHOUT THE SPACE. IN ROOMS WHERE LIGHTING IS BEING DEMOLISHED THE CONTRACTOR IS TO PROVIDE NEW TEMPORARY LIGHTING FOR THE SPACE.

2 | DEMOLITION PLAN NOTES

- SPECIFIC DEMOLITION NOTES CONSTRUCTION NOTES**
- REMOVE ALL EXISTING EQUIPMENT AND MILLWORK.
  - REMOVE ALL EXISTING BASE FLOOR FINISHES TO STABLE SLAB SURFACE SUITABLE FOR PREPARATION AND INSTALLATION OF NEW FLOOR FINISHES.
  - REMOVE ALL FLOORING AND MASTIC THROUGH OUT SCOPE OF WORK UNLESS OTHERWISE NOTED. FLASH PATCH AND PROVIDE A SMOOTH AND LEVEL SURFACE FOR NEW CONSTRUCTION BUILD OUT.
  - REMOVE ALL CEILING TILE, GRID, LIGHTING, DIFFUSERS WITH IN SCOPE OF WORK, UNLESS OTHERWISE NOTED. COORDINATE WITH MEP DRAWINGS.
  - REMOVE ALL EXISTING FIRE ALARM STROBES. COORDINATE WITH MEP DRAWINGS.
  - DEMOLITION OF ANY PIPING AND ASSOCIATED ITEMS WITH MECHANICAL, ELECTRICAL OR PLUMBING ARE TO BE COORDINATED WITH MEP DRAWINGS.
  - REMOVE ALL FURRING/ CMU AT ALL COLUMN STRUCTURES DOWN TO EXPOSED COLUMN FIREPROOFING.

3 | DEMOLITION PLAN NOTES (CONT.)



4 | DEMOLITION PLAN LEGEND

- 5 | DEMOLITION PLAN KEY NOTES**
- REMOVE EXISTING ANY AND ALL WALL ASSEMBLY FRAGMENTS, METAL STUDS, CEILING TILE AND GRID, LIGHTING, DOORS, FRAMES AND HARDWARE, MILLWORK, CABINETS, WORK SURFACES, COUNTER TOPS, FURNISHINGS AND WALL-MOUNTED DEVICES OR EQUIPMENT. COORD WITH OWNER BEFORE REMOVALS OCCURS SHOWN IN A DASHED LINE (UNLESS OTHERWISE NOTED).
  - REMOVE ALL FLOOR FINISHES THROUGHOUT, INCLUDING BASE MATERIAL, ADHESIVES, ETC. PREPARE FLOOR SLAB FOR NEW FINISHES AS INDICATED ON DRAWINGS INCLUSIVE OF ADHESIVE/MASTIC DOWN TO SLAB BELOW OR WHERE EXISTS VAT BELOW, ANY VAT TO REMAIN UNDISTURBED.
  - REMOVE EXISTING DOOR AND FRAME
  - REMOVE EXISTING PLUMBING FIXTURES AND MILLWORK. CUT AND CAP ALL PIPING, SUPPLY AND WASTE LINES BEHIND ADJACENT PARTITION, ABOVE ADJACENT CEILING OR BELOW ADJACENT FLOOR SLAB AS APPROPRIATE. COORDINATE EXTENT OF REMOVAL WITH MEP DRAWINGS.
  - REMOVE EXISTING WINDOW SHADES, TRACKS AND HARDWARE
  - REMOVE EXISTING MILLWORK.

5 | DEMOLITION PLAN KEY NOTES

[Green Circle]	Remove VCT Flooring	6858.9 SQ FT
[Blue Circle]	Remove Tile Floor Finish	555.2 SQ FT
[Red Circle]	Remove Single Leaf Door	47.0 EA
[Orange Circle]	Remove Double Leaf Door	5.0 EA
[Purple Circle]	Remove Multiple Doors	1.0 EA
[Yellow Circle]	Remove Window Shades, Tracks and Hardware	110.2 FT
[Light Blue Circle]	Remove Countertop	38.9 SQ FT
[Light Green Circle]	Remove Millwork	36.6 FT
[Light Orange Circle]	Remove Water Closet	7.0 EA
[Light Purple Circle]	Remove Sink	17.0 EA
[Light Yellow Circle]	Remove Mop Sink	6.0 EA
[Light Red Circle]	Remove Interior Glazing	6.0 EA
[Light Blue Circle]	Remove Interior Wall W/ All Associated Accessories and Equipment @ 11'-7" H	893.1 FT
[Light Green Circle]	Remove Furring Wall W/ All Associated Items and Accessories @ 11'-7" H	32.8 FT
[Light Orange Circle]	Remove Base	458.6 FT

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7TH FLOOR CALL CENTER

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3	100% DESIGN DEVELOPMENT	08.27.21
2	30% ARCH CD	07.21.21
1	ISSUED FOR SD COST ESTIMATE	04.30.21

# DESCRIPTION DATE

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PROJECT  
METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER  
1901 FIRST AVENUE  
NEW YORK, NEW YORK 10029  
BLOCK: 1669 LOT: 1

DRAWING  
SEVENTH FLOOR  
DEMOLITION PLAN

DATE	FEBRUARY 2021
JOB NUMBER	20033
DWG NO.	DM-100
DRAWN BY	YH, AG
SCALE	05 of 31

NYC DOB Number  
DWBY

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PROJECT  
**METROPOLITAN HOSPITAL  
 7TH FLOOR CALL CENTER**  
 1901 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

DRAWING  
**SEVENTH FLOOR  
 DEMOLITION PLAN**

SCALE	DATE	FEBRUARY 2021
	JOB NUMBER	20033
	DWG. NO.	<b>DM-101</b>
	DRAWN BY	YH, AG
SCALE		06 of 31

NYC DOB Number  
 DWBY



Remove VCT Flooring	9360.2 SQ FT
Remove LVT Floor Finish	405.6 SQ FT
Remove Tile Floor Finish	718.4 SQ FT
Remove Single Leaf Door	72.0 EA
Remove Double Leaf Door	4.0 EA
Remove Multiple Doors	1.0 EA
Remove Window Shades, Tracks and Hardware	109.3 FT
Remove Countertop	32.1 SQ FT
Remove Millwork	33.8 FT
Remove Water Closet	11.0 EA
Remove Sink	27.0 EA
Remove Mop Sink	5.0 EA
Remove Interior Glazing	8.0 EA
Remove Interior Wall W/ All Associated Accessories and Equipment @ 11'-7" H	1237.2 FT
Remove Furring Wall W/ All Associated Items and Accessories @ 11'-7" H	56.7 FT
Remove Base	707.9 FT

DM-101.00  
 DM-100.00  
**1 SEVENTH FLOOR DEMOLITION PLAN**

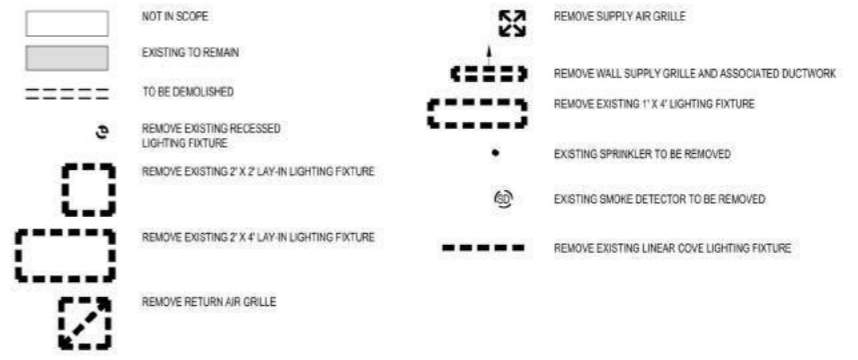
1/8" = 1'-0"



■ Remove ACT Ceiling **6562.5 SQ FT**  
■ Remove Gypsum Board Ceiling W/ All Associated Framing **751.4 SQ FT**

1. REMOVE ALL CEILING GRIDS, TILES AND GWS/ PLASTER "HARD" CEILINGS TO EXPOSE PLENUM ABOVE.
2. REMOVE ALL LIGHT FIXTURES AND ASSOCIATED WIRING/ CONDUIT.
3. COORDINATE REMOVAL OF ALL CEILING DEVICES SUCH AS, BUT NOT LIMITED TO, SMOKE DETECTORS, W-FI PAGING SPEAKERS, NURSE CALL ETC. COORDINATE WITH OWNER.
4. FOR PURPOSES OF PRICING BID, ASSUME WHERE ROOMS HAVE NO LABELED CEILING TYPE THAT THE ROOM IS GWS CEILING FOR REMOVAL AND HAS SOME LIGHT FIXTURES FOR REMOVAL.

**3 | GENERAL NOTES**



1 | SEVENTH FLOOR DEMOLITION REFLECTED CEILING PLAN

1/8" = 1'-0"

2 | LEGEND

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PROJECT  
 METROPOLITAN HOSPITAL  
 7TH FLOOR CALL CENTER  
 1901 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

DRAWING  
 SEVENTH FLOOR  
 DEMOLITION REFLECTED  
 CEILING PLAN

DATE	FEBRUARY 2021
JOB NUMBER	20033
DWG. NO.	<b>DM-120</b>
SCALE	YH, AG 07 of 31

NYC DOB Number  
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DM-121.00  
DM-120.00

DM-121.00  
DM-120.00

1 SEVENTH FLOOR DEMOLITION REFLECTED CEILING PLAN

1/8" = 1'-0"

NYC HEALTH+HOSPITALS

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7TH FLOOR CALL CENTER

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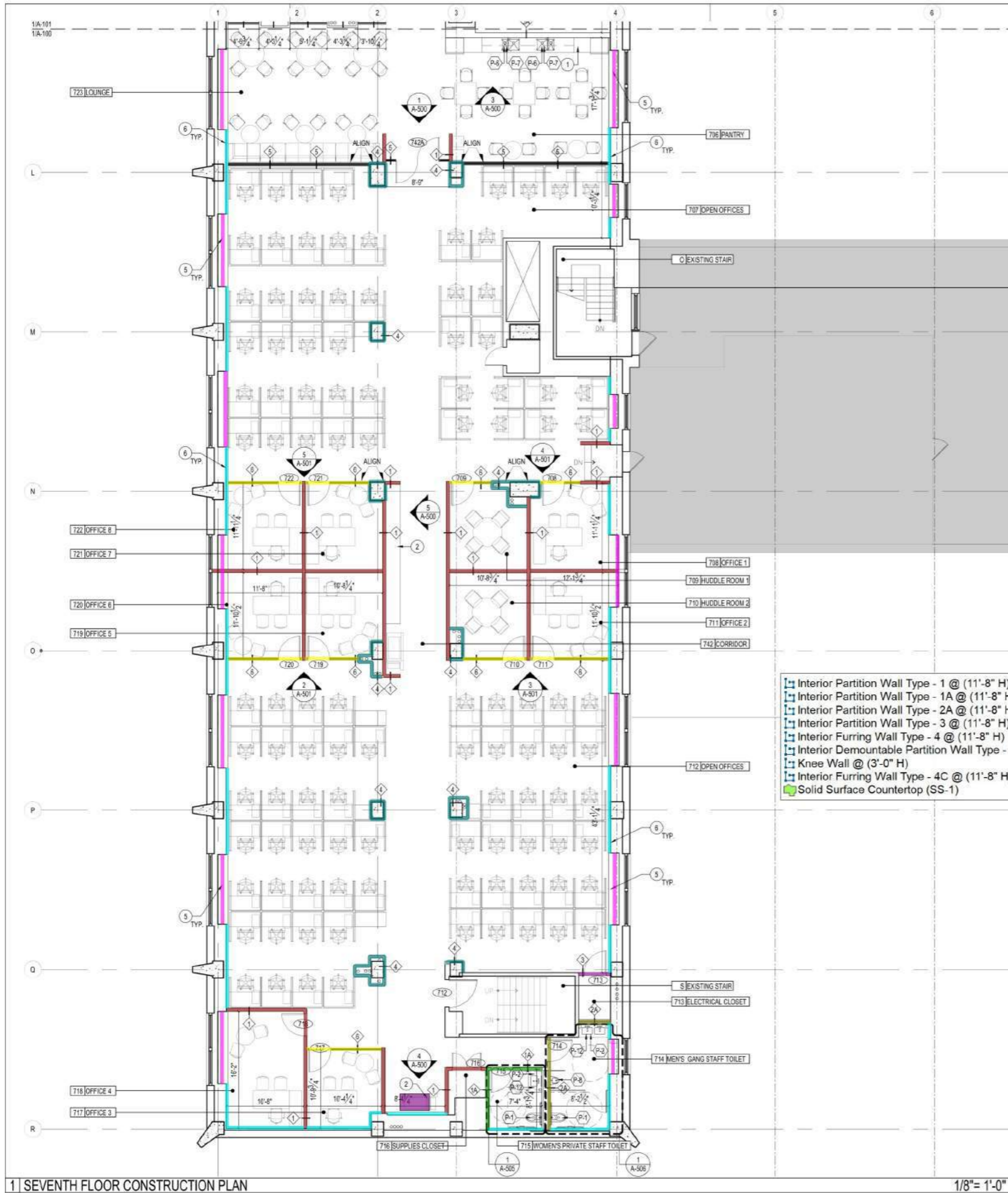
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METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER  
1901 FIRST AVENUE  
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BLOCK: 1669 LOT: 1

DRAWING  
SEVENTH FLOOR  
DEMOLITION REFLECTED  
CEILING PLAN

SCALE	DATE	FEBRUARY 2021
	JOB NUMBER	20033
	DWG NO.	<b>DM-121</b>
	DRAWN BY	YH, AG
SCALE		08 of 31

NYC DOB Number  
DWBY



1 | SEVENTH FLOOR CONSTRUCTION PLAN

1/8" = 1'-0"

- 01 MILLWORK CABINETRY - LOWER AND UPPER CABINETS, SOLID SURFACE COUNTERTOP.
- 02 MILLWORK COUNTERTOP ONLY.
- 03 MILLWORK COUNTERTOP AND LOWER CABINETS ONLY.
- 04 REPLACE WINDOW WITH EXTERIOR LOUVER MODEL, ESD-635 (48" x 84") SEE DETAILS 3 AND 4 ON A-705.00. COORDINATE WITH M-102 DRAWING.
- 05 FILL IN REMOVED PERIMETER "FAN COIL" UNIT WITH GWB/METAL STUD INFILL FLUSH WITH ADJACENT GWB WALLS FROM FLOOR TO UNDERSIDE OF WINDOW SILL AT 3'-0" A.F.F. SEE 7/A-704.
- 06 ALL PERIMETER WALLS SHALL BE FURRED WITH A PARTITION TYPE 4C, TYPICAL.
- 07 LOCATION OF RELOCATED RISERS, SEE PLUMBING DRAWINGS. GC TO PROVIDE ENCLOSURE WITH 4C PARTITION TYPE.
- 08 GC TO PROVIDE FULL HEIGHT FIRE RATED, UNPAINTED PLYWOOD AT THIS LOCATION.

2 | KEYED CONSTRUCTION NOTES

NOTE: ALL ITEMS ARE NEW UNLESS OTHERWISE NOTED.

EXISTING PARTITION TO REMAIN	210.9 FT
NEW TO GO - SEE DETAIL 3 AND 4	16.1 FT
NEW TO GO - SEE DETAIL 3 AND 4	17.3 FT
NEW TO GO - SEE DETAIL 3 AND 4	4.5 FT
NEW WALLWORK	115.7 FT
NEW WALLWORK	78.2 FT
WITH CONCEAL	126.3 FT
WITH CONCEAL	186.6 FT
WITH CONCEAL	9.3 SQ FT

ROOM NAME  
ROOM NUMBER

DOOR NUMBER REFER TO DWG A-800 FOR ADDITIONAL DOOR SCHEDULE INFORMATION

PLUMBING FIXTURE TAG. REFER TO PLUMBING SCHEDULE AND "P" DRAWINGS

RECESSED FIRE EXTINGUISHER CABINET. VERIFY WALL THK. REQ'D FOR FURRING. GC TO FURNISH AND INSTALL RECESSED CABINET AS PER SPECIFICATIONS. SEE DETAILS ON SHEET A-620.

LETTERED ELEVATION OR NUMBERED DETAIL  
DRAWING NUMBER  
SECTION LINE

EXISTING DOOR TO REMAIN

NEW DOOR

3 | LEGEND

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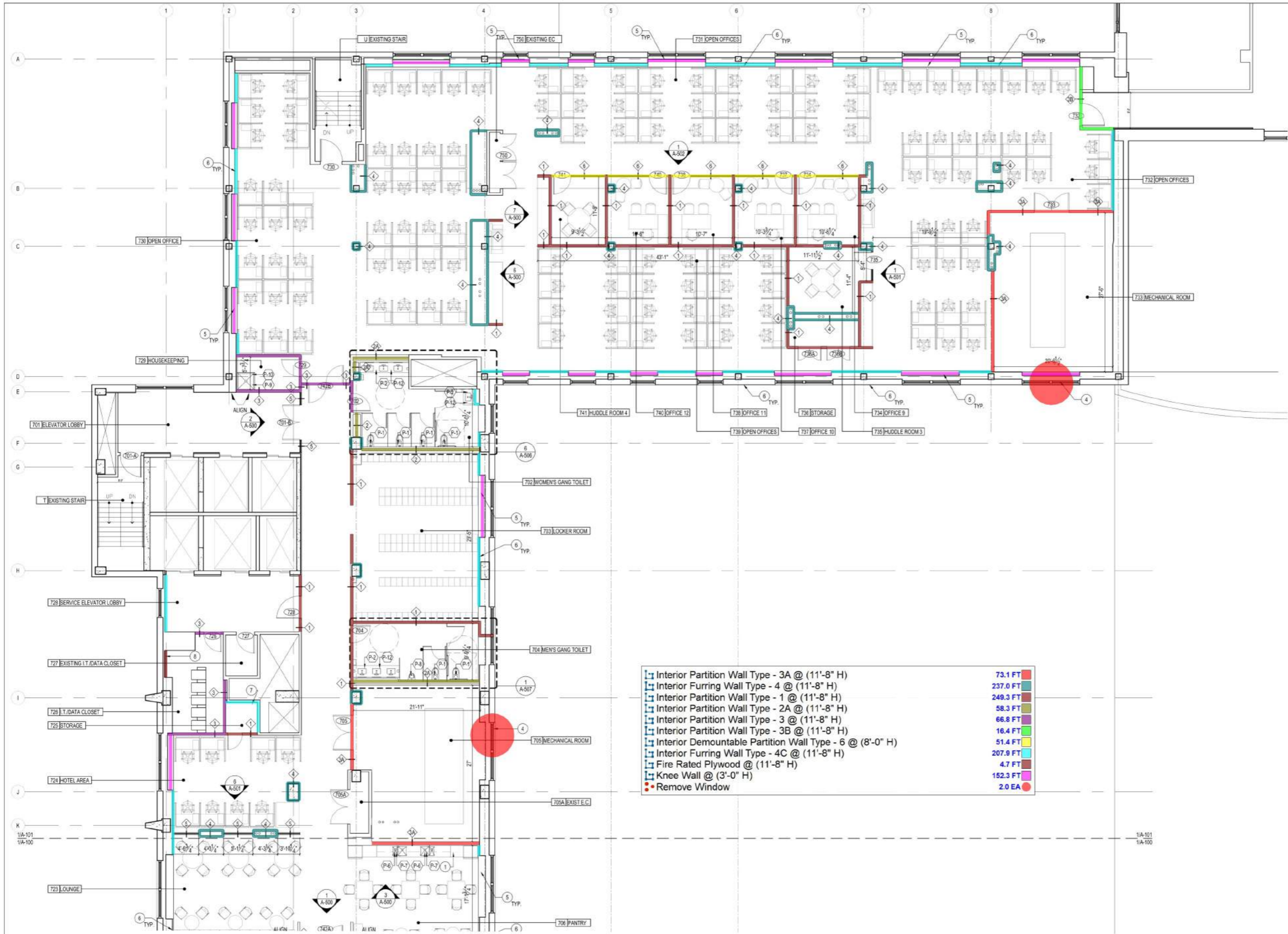
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7TH FLOOR CALL CENTER**  
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BLOCK: 1669 LOT: 1

DRAWING  
**SEVENTH FLOOR  
CONSTRUCTION PLAN  
(1 OF 2)**

DATE	FEBRUARY 2021
JOB NUMBER	20033
DRAWING NO.	<b>A-100</b>
SCALE	YH, AG 09 of 31

NYC DOB Number  
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1 SEVENTH FLOOR CONSTRUCTION PLAN

1/8" = 1'-0"

NYC HEALTH+HOSPITALS  
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 7TH FLOOR CALL CENTER

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PROJECT  
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**7TH FLOOR CALL CENTER**  
 1901 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

DRAWING  
**SEVENTH FLOOR**  
**CONSTRUCTION PLAN**  
 (2 OF 2)

DATE	FEBRUARY 2021
JOB NUMBER	20033
DRAWING NO.	<b>A-101</b>
SCALE	10 of 31

NYC DOB Number  
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1 SEVENTH FLOOR FURNITURE PLAN

1/8" = 1'-0"

- 1 WORKSTATION, TYPICAL - CFOI
- 2 CONFERENCE TABLE - CFOI
- 3 CHAIR - CFOI
- 4 TASK CHAIR - CFOI
- 5 SIDE CHAIR - CFOI
- 6 TABLE - CFOI
- 7 DESK W/ RETURN - CFOI
- 8 LOCKERS - CFOI
- 9 LOUNGE TABLE - CFOI
- 10 LOUNGE CHAIR - CFOI
- 11 COUCH - CFOI
- 12 KITCHEN TABLE - CFOI
- 13 DINING CHAIR - CFOI
- 14 BUILT-IN MILLWORK - CFOI
- 15 OFFICE FRONT SYSTEM (FRAMING AND GLAZING) WITH DOOR WHERE INDICATED - CFOI

2 KEYED FURNITURE NOTES

- 1. ALL FURNITURE SHALL BE PROVIDED AND INSTALLED BY OWNERS VENDOR UNLESS OTHERWISE NOTED.
- 2. ALL ELECTRICAL WORK TO BE COORDINATED WITH OWNER.

3 GENERAL NOTES

CFOI OWNER FURNISHED, OWNER INSTALLED  
 CFOI OWNER FURNISHED, CONTRACTOR INSTALLED  
 CFOI CONTRACTOR FURNISHED, CONTRACTOR INSTALLED

4 ABBREVIATIONS

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DRAWING  
 SEVENTH FLOOR  
 FURNITURE PLAN  
 (1 OF 2)

DATE	DESCRIPTION
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<b>A-110</b> <td>DRAWING NO.</td>	DRAWING NO.
SCALE	SCALE
YH, AG	11 of 31

NYC DOB Number  
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1 SEVENTH FLOOR FURNITURE PLAN

1/8" = 1'-0"

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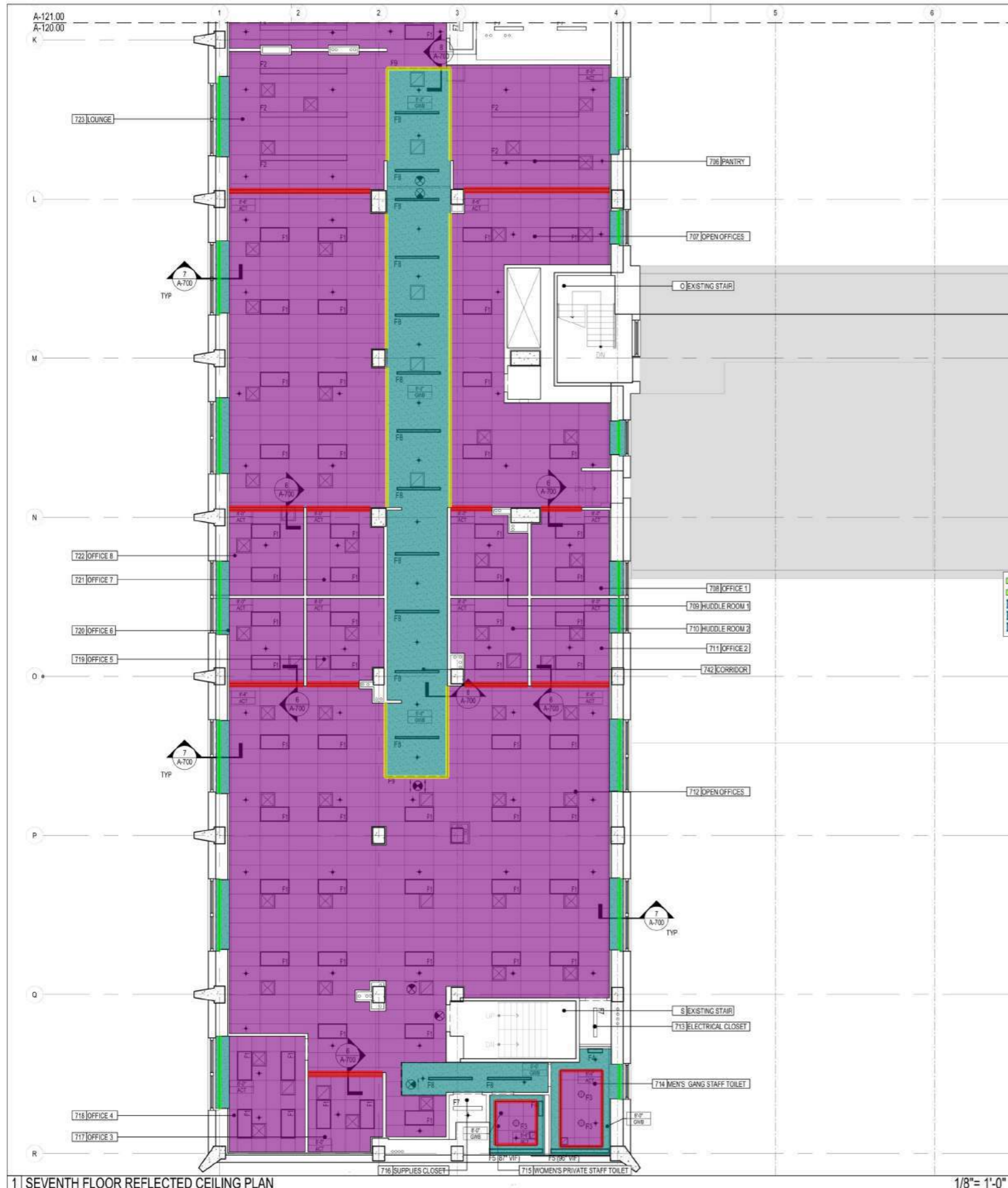
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DRAWING

**SEVENTH FLOOR  
 FURNITURE PLAN  
 (2 OF 2)**

DATE	FEBRUARY 2021
JOB NUMBER	20033
DRAWING NO.	<b>A-111</b>
SCALE	12 of 31

NYC DOB Number  
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1 SEVENTH FLOOR REFLECTED CEILING PLAN

ADD ALTERNATE #1: GC TO PROVIDE 2X2 CEILING GRID & ACT TILES IN LIEU OF 2X4 CEILING GRID AND TILES.

ADD ALTERNATE #2: GC TO PROVIDE 2X2 LIGHT FIXTURES IN LIEU OF 2X4 (F1 TYPE) LIGHT FIXTURES AND INCLUDE AN ADDITIONAL 50 (2X2) FIXTURES IN THE TOTAL QUANTITY.

SYMBOL	MODEL TYPE	CATALOGUE #	WATTAGE	NOTES
EX	EXISTING FIXTURE			
F1	CORONET TDA 2 X 4 RECESSED LED LIGHT	CORONET # TDA-2M-3A-LT2-1W-08W-X	40W	
F2	9' CORONET PENDANT LED FIXTURE	BA	48W	
F3	4" LED ROUND DOWNLIGHT	ALPHARETRO-SM-30LM-39K-80-HEAD-A-KUWV-10V-RC-8W-88W-X	36S W	
F4	WILLIAMS ARCHITECTURAL SLIMLINE SURFACE MOUNT LED FIXTURE	LIMS-2-LED/UT34960-S-SQ		
F4B	WILLIAMS ARCHITECTURAL SLIMLINE SURFACE MOUNT LED FIXTURE	LIMS-6-LED/UT34960-S-SQ		
F5	DAY-LITE PERIMETER LED LUMINAIRE	JBL-0-30-LD-X-W-Y		
F6	ARCHITECTURAL LIGHTING WORKS MOONBOW EMERGENCY IRL-6			
F8	FIXTURE	UNRAILED-SL-T22-1WV-DS-W-F-SD		
F9	ECOSENSE SURIMOVE DIM FIXTURE	BCDMVF-3DMLT		
LED EXIT SIGN EDGE GO WGL-LED SERIES - NYC APPROVED				PHILPS ALDO
				VERIFY MOUNTING FOR EACH CONDITION FOR EACH LOCATION DEPENDING ON CEILING CONDITION. PROVIDE DIRECTIONAL INDICATORS AS SHOWN ON PLANS.

- (2 X 4) Acoustical Ceiling Tile (ACT-1) 6300.6 SQ FT
- 5/8" Type - X Gypsum Board Ceiling 1293.0 SQ FT
- (9" H) Gypsum Board Soffit 291.5 FT
- (1'-2" H) Gypsum Board Soffit 126.3 FT
- (12" H) Gypsum Board Soffit 144.3 FT

NOTE: ALL ITEMS ARE NEW UNLESS OTHERWISE NOTED.

NEW CONSTRUCTION. WALLS ARE DRAWN TO FACE OF WALLBOARD. SEE CONSTRUCTION PLAN FOR WALL TYPE.	SUPPLY AIR DIFFUSER	SUSPENDED ACOUSTICAL TILE CEILING
EXISTING WALL TO REMAIN	RETURN AIR DIFFUSER	PAINTED GYPSUM BOARD CEILING
NOT IN CONTRACT	TOILET EXHAUST	EXIT LIGHT
SWITCH	WT-1 WINDOW SHADE BY CONTRACTOR - SEE FINISH SCHEDULE	
SWITCH WITH DIMMER	8'-6" ACT1 CEILING HEIGHT ABOVE SLAB (EL. + 0'-0")	
3-WAY SWITCH	8'-6" ACT1 CEILING HEIGHT ABOVE HIGHER SLAB (EL. + 0'-6")	
4-WAY SWITCH	CEILING MOUNTED DENTAL LIGHT ON A TRACK MOUNT	

- CEILING GENERAL NOTES:**
- LIGHTING FIXTURES, DIFFUSERS AND RETURNS ARE SHOWN ON ARCHITECTURAL DRAWINGS FOR LOCATION ONLY. REFER TO HVAC AND ELECTRICAL DRAWINGS FOR QUANTITIES.
  - ALL DIMENSIONS ARE TO BE MEASURED FROM FACE OF FINISHED WALL.
  - REFER TO ELECTRICAL DRAWINGS FOR DESIGNATED EMERGENCY LIGHT FIXTURES.
  - REFER TO LIGHTING SCHEDULE ON AND SPECIFICATIONS FOR FURTHER INFORMATION.
  - REFER TO DENTAL VENDOR DRAWINGS FOR CEILING MOUNTED DENTAL LIGHT & TRACK SPECIFICATIONS.

2 LEGEND

NYC HEALTH + HOSPITALS  
**Metropolitan**  
 METROPOLITAN HOSPITAL  
 7TH FLOOR CALL CENTER

5 ISSUED FOR BID REVISED 11.10.21  
 4 ISSUED FOR BID 10.04.21  
 3 100% DESIGN DEVELOPMENT 08.27.21  
 2 30% ARCH CD 07.21.21  
 1 ISSUED FOR SD COST ESTIMATE 04.30.21

# DESCRIPTION DATE

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 M: (516) 532-2120

PROJECT  
**METROPOLITAN HOSPITAL  
 7TH FLOOR CALL CENTER**  
 1901 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

DRAWING  
**SEVENTH FLOOR  
 REFLECTED CEILING PLAN  
 (1 OF 2)**

DATE	FEBRUARY 2021
JOB NUMBER	20033
DRAWING NO.	<b>A-120</b>
SCALE	YH, AG 13 of 31

NYC DOB Number  
 DWBY



1 SEVENTH FLOOR REFLECTED CEILING PLAN

1/8" = 1'-0"

**Metropolitan**
  
 METROPOLITAN HOSPITAL
   
 7TH FLOOR CALL CENTER

#	DESCRIPTION	DATE
5	ISSUED FOR BID REVISED	11.10.21
4	ISSUED FOR BID	10.04.21
3	100% DESIGN DEVELOPMENT	08.27.21
2	30% ARCH CD	07.21.21
1	ISSUED FOR SD COST ESTIMATE	04.30.21

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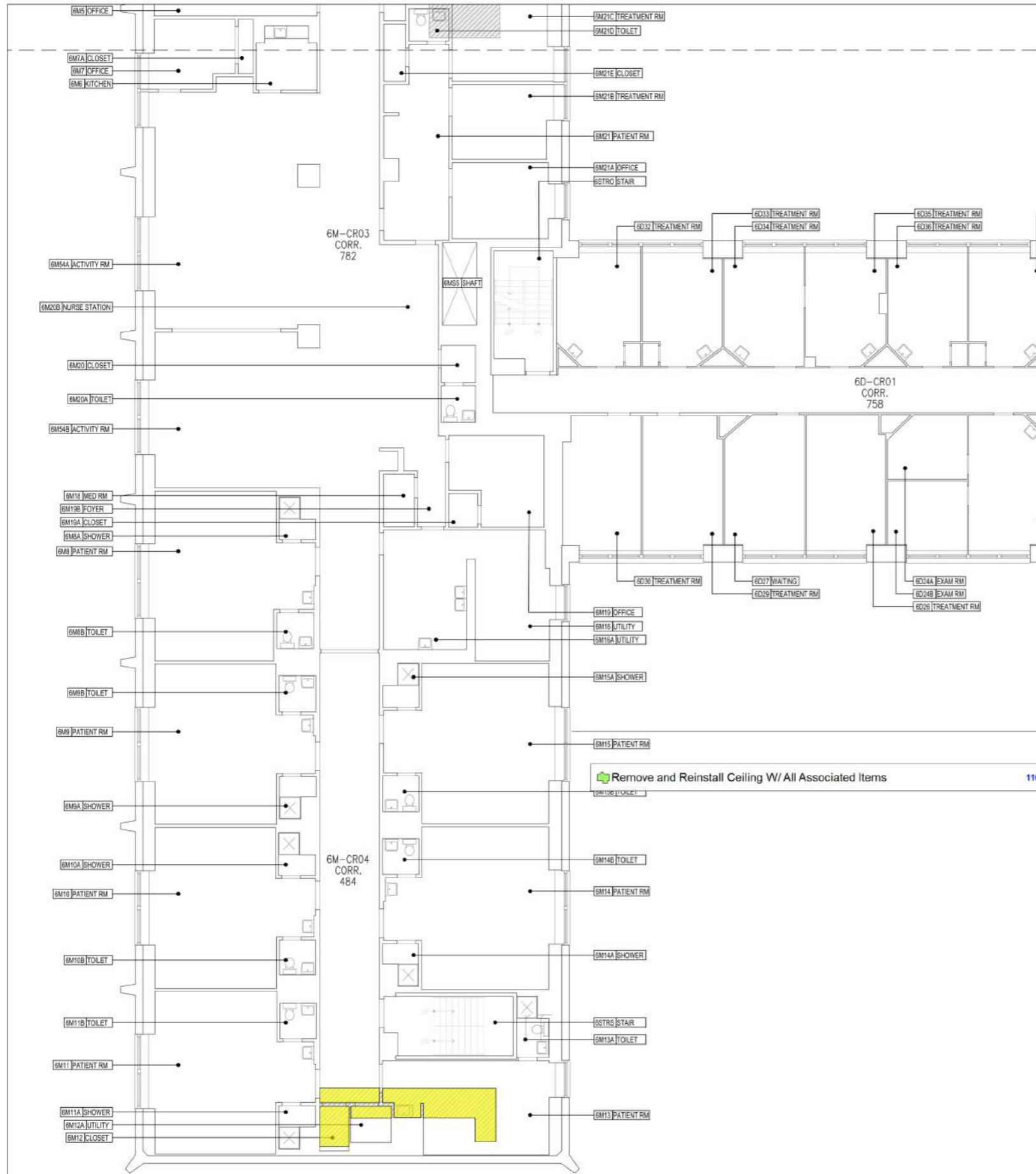
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PROJECT
   
**METROPOLITAN HOSPITAL**
  
**7TH FLOOR CALL CENTER**
  
 1901 FIRST AVENUE
   
 NEW YORK, NEW YORK 10029
   
 BLOCK: 1669 LOT: 1

DRAWING
   
**SEVENTH FLOOR**
  
**REFLECTED CEILING PLAN**
  
 (2 OF 2)

DATE	FEBRUARY 2021
JOB NUMBER	20033
DRAWING NO.	<b>A-121</b>
SCALE	14 of 31

NYC DOB Number
   
 DWBY



1 | SIXTH FLOOR CEILING SCOPE OF WORK PLAN

1/8" = 1'-0"

**2 | LEGEND**

NOTE: ALL ITEMS ARE NEW UNLESS OTHERWISE NOTED.

- NEW CONSTRUCTION. WALLS ARE DRAWN TO FACE OF WALLBOARD. SEE CONSTRUCTION PLAN FOR WALL TYPE.
- EXISTING WALL TO REMAIN
- NOT IN CONTRACT
- EXTENT OF 6TH FLOOR CEILING WORK

**CEILING GENERAL NOTES:**

- AREA OF CEILING WORK SHOWN FOR SCOPE ONLY. ALL EXISTING CEILING LIGHTS, DIFFUSERS, RETURNS, SPRINKLERS, AND ALL OTHER OBJECTS TO BE REMOVED AND REINSTALLED AFTER PLUMBING WORK IS COMPLETED. WHERE CEILING TYPE IS NOT SHOWN, CONTRACTOR TO ASSUME MOST COSTLY SCENARIO.

NYC HEALTH + HOSPITALS

**Metropolitan**

METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER

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#	DESCRIPTION	DATE

**GW**

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ARCHITECT

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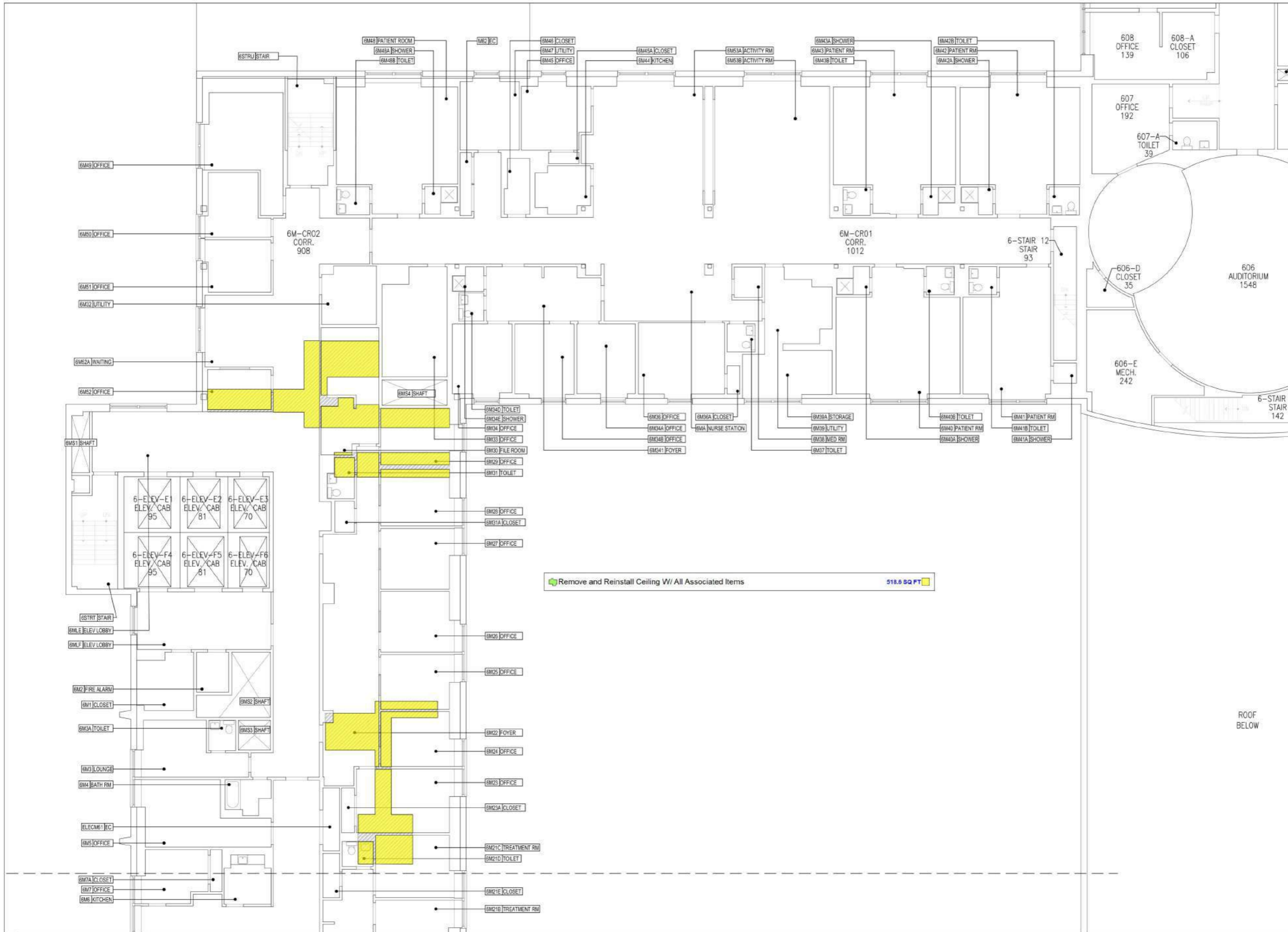
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PROJECT  
**METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER**  
1901 FIRST AVENUE  
NEW YORK, NEW YORK 10029  
BLOCK: 1669 LOT: 1

DRAWING  
**SIXTH FLOOR CEILING  
SCOPE OF WORK PLAN  
(1 OF 2)**

DATE FEBRUARY 2021	JOB NUMBER 20033
DRAWING NO. <b>A-122</b>	
SCALE	DRAWN BY YH, AG <b>15 of 31</b>

NYC DOB Number  
DWBY



1 | SIXTH FLOOR CEILING SCOPE OF WORK PLAN

1/8" = 1'-0"



METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER

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PROJECT  
METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER  
1901 FIRST AVENUE  
NEW YORK, NEW YORK 10029  
BLOCK: 1669 LOT: 1

DRAWING  
SIXTH FLOOR CEILING  
SCOPE OF WORK PLAN  
(2 OF 2)

DATE	FEBRUARY 2021
JOB NUMBER	20033
DRAWING NO.	<b>A-123</b>
SCALE	16 of 31

NYC DOB Number  
DWBY



1 SEVENTH FLOOR FINISH PLAN

FINISH TAG	MATERIAL	LOCATION	MANUFACTURER	PRODUCT NO.	SIZE	COLOR / FINISH	REMARKS	CONTACT
<b>CEILING</b>								
ACT-1	2 X 2 ACOUSTICAL CEILING TILE	GENERAL	ARMSTRONG	OPTIMA TEGULAR	2X2'	STANDARD WHITE	EDGE 1/2" INTERLUDE	JULIE URREGO jurrrego@armstrongceiling.com
<b>FLOOR</b>								
TL-1	PORCELAIN FLOOR TILE	WOMEN GANG BATHROOM	TRINITY TILE	DURAZZO	24X24"	BEIGE / MATT		CHRISTOPHER CAPOBIANO 631.275.6444 chrstopher@spartansurfaces.com
TL-2	PORCELAIN FLOOR TILE	MEN GANG BATHROOM	TRINITY TILE	DURAZZO	24X24"	GREY / MATT		CHRISTOPHER CAPOBIANO 631.275.6444 chrstopher@spartansurfaces.com
TL-3	PORCELAIN FLOOR TILE	STAFF BATHROOM FLOOR	NEMO TILE	RAFFIA	24"X24"	DENIM		JOE NACCI 646.208.3706 jnacci@memolie.com
CP-1	CARPET FLOOR	CLOSED OFFICES	INTERFACE	GROUND WAVES VERSE	25CMX1M	104904 PEWTER/COLORS		TYLER WILLIAMS 347.331.5917 tyler.williams.molitor@interface.com
LVT-1	LUXURY VINYL FLOOR	ENTRY & LOUNGE AREA	INTERFACE	NATURAL WOODGRAINS	25CM X 1M	A00208 SAND DUNE		TYLER WILLIAMS 347.331.5917 tyler.williams.molitor@interface.com
VCT-1	VINYL COMPOSITE TILE	GENERAL OPEN AREA COLOR 1	ARMSTRONG	IMPERIAL TEXTURE STANDARD EXCELON	12"X12"X1/2"	51932 LUNAR BLUE		
VCT-2	VINYL COMPOSITE TILE	GENERAL OPEN AREA COLOR 2	ARMSTRONG	IMPERIAL TEXTURE STANDARD EXCELON	12"X12"X1/2"	51933 BLUE CLOUD		
VCT-3	VINYL COMPOSITE TILE	GENERAL OPEN AREA COLOR 3	ARMSTRONG	IMPERIAL TEXTURE STANDARD EXCELON	12"X12"X1/2"	51903 BLUE GREY		
VCT-4	VINYL COMPOSITE TILE	BOH AREAS	ARMSTRONG	IMPERIAL TEXTURE STANDARD EXCELON	12"X12"X1/2"	51915 CHARCOAL		
PT-4	EPOXY PROTECTIVE PAINT	MECH-ANICAL ROOM FLOOR	SHERWIN WILLIAMS	EPO-FLEX MER II			FOLLOW MANUFACTURE'S SPEC FOR INSTALLATION GUIDS	ANDREA DINICE 845.641.5788 andrea.dinice@sherwin.com
<b>WALL</b>								
PT-1	PAINT	GYB CEILING PAINT	BENJAMIN MOORE	OC-65 CHANTILLY LACE		FLAT		LIPPMAN RODGER 848.702.0239 rodger.lipman@benjaminmoore.com
PT-2	PAINT	GENERAL WALL PAINT	BENJAMIN MOORE	OC-26 SILVER SATIN		EGG SHELL	SCUFF X	LIPPMAN RODGER 848.702.0239 rodger.lipman@benjaminmoore.com
PT-3	PAINT	DOORS & FRAMES	BENJAMIN MOORE	OC-65 CHANTILLY LACE		SEM-GLDSS	SCUFF X	LIPPMAN RODGER 848.702.0239 rodger.lipman@benjaminmoore.com
PT-5	PAINT	ACCENT WALL	BENJAMIN MOORE	793 WATERCOLOR BLUE		EGG SHELL	SCUFF X	LIPPMAN RODGER 848.702.0239 rodger.lipman@benjaminmoore.com
PT-6	PAINT	ACCENT WALL	BENJAMIN MOORE	808 SAPPHIRE ICE		EGG SHELL	SCUFF X	LIPPMAN RODGER 848.702.0239 rodger.lipman@benjaminmoore.com
PT-7	PAINT	WOMEN GANG BATHROOM WALL	BENJAMIN MOORE	966 ASHEN TAN		EGG SHELL		LIPPMAN RODGER 848.702.0239 rodger.lipman@benjaminmoore.com
PT-8	PAINT	MEN GANG BATHROOM WALL	BENJAMIN MOORE	1472 SILVER CHAIN		EGG SHELL		LIPPMAN RODGER 848.702.0239 rodger.lipman@benjaminmoore.com
WT-1	CERAMIC WALL TILE	PANTRY BACKSLASH	ROCA TILE	COLOR COLLECTION U723	3"X12"	SOFT BLUE BRIGHT		SHEA MONTGOMERY 332.400.7533 shea.montgomery@localusa.com
WT-2	PORCELAIN WALL TILE	STAFF BATHROOM GENERAL WALL	NEMO TILE	RAFFIA	24"X24"	WHITE		JOE NACCI 646.208.3706 jnacci@memolie.com
WT-3	PORCELAIN WALL TILE	STAFF BATHROOM ACCENT WALL	NEMO TILE	RAFFIA	6"X24"	DENIM		JOE NACCI 646.208.3706 jnacci@memolie.com
<b>BASE</b>								
WB-1	VINYL BASE	OPEN OFFICE AREA	ROPPE	4" VINYL BASE WITH TOE KICK	4" H X 1/2" THICK	616 PLATINUM		JOETTE MASSI 917.890.6618 JoetteMassi@salesmaster.com
WB-2	VINYL BASE	ENTRY LOUNGE AREA	ROPPE	4" VINYL BASE WITH TOE KICK	4" H X 1/2" THICK	174 SMOKE		JOETTE MASSI 917.890.6618 JoetteMassi@salesmaster.com
<b>TRANSITION</b>								
GL-3	GLASS PANELS	GLASS			1/2" THICK			ALEXANDRA RUSSELL 646.751.1180-EXT2124 arussel@porcelarosa-usa.com
TS-1	TRANSITION SADDLE	LVT OR VCT TO TILE FLOOR	SILESTONE OR APPROVED EQUAL	STONE SADDLE	1/2" THICK	808 CEMENTO SPA		JOETTE MASSI 917.890.6618 JoetteMassi@salesmaster.com
TS-2	TRANSITION STRIP	LVT TO VCT FLOOR	ROPPE	VINYL TRANSITION #65	1/4" TO 1/8"	174 SMOKE		JOETTE MASSI 917.890.6618 JoetteMassi@salesmaster.com
TS-3	TRANSITION STRIP	VCT TO CARPET FLOOR	ROPPE	VINYL TRANSITION #65	1/4" TO 1/8"	177 STEEL BLUE		JOETTE MASSI 917.890.6618 JoetteMassi@salesmaster.com
TS-4	TRANSITION STRIP	BATHROOM TILE END TRIM	PROFILITEC	METAL TRANSITION TRIMTEC TR	3/8"	ANODIZED ALUMINUM		JOETTE MASSI 917.890.6618 JoetteMassi@salesmaster.com
WT-1	WINDOW TREATMENT	GENERAL WINDOWS SEE RCP FOR DETAIL	DFB	SOL-R-SHADE MANUAL SYSTEM		SHADE CLOTH SERIES 600 CHROME	CEILING MOUNT SINGLE SHADE WITH FACIA	COURTNEY WRAY 718.475.4513 cwray@dfbates.com
CG-1	CORNER GUARD	GENERAL OUTER CORNER, SEE PLAN	KOROSEAL	COROGARD ANODIZED ALUMINUM CORNER GUARD	1/2" WING SIZE	SATIN ANODIZED ALUMINUM	10" TO 46" AFF	JULIE SIDEWELL 201.963.0853 jsidwell@koroseal.com

2 FINISH SCHEDULE

**Metropolitan**

METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER

5 ISSUED FOR BID REVISED	11.10.21
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**PROJECT**

**METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER**  
1901 FIRST AVENUE  
NEW YORK, NEW YORK 10029  
BLOCK: 1669 LOT: 1

**DRAWING**

**SEVENTH FLOOR  
FINISH PLAN**

SCALE	DATE	FEBRUARY 2021
	JOB NUMBER	20033
SCALE	DRAWING NO.	A-140
	DATE	19 of 31

NYC DOB Number  
DWBY



1 SEVENTH FLOOR FINISH PLAN

1/8" = 1'-0"

### GENERAL FINISH NOTES

THE FOLLOWING NOTES APPLY THROUGHOUT THESE PLANS:

- Luxury Vinyl Tile (LVT-1) 1506.8 SQ FT
- Vinyl Composition Tile (VCT-4) 593.6 SQ FT
- Vinyl Composition Tile (VCT-2) 643.9 SQ FT
- Carpet Flooring (CP-1) 743.1 SQ FT
- Vinyl Composition Tile (VCT-1) 4702.7 SQ FT
- Vinyl Composition Tile (VCT-3) 1528.0 SQ FT
- Epoxy Protective Paint (PT-4) 1128.7 SQ FT
- Porcelain Floor Tile (TL-2) 252.0 SQ FT
- Porcelain Floor Tile (TL-1) 206.3 SQ FT
- Vinyl Base (WB-2) 226.9 FT
- Vinyl Base (WB-1) 1467.0 FT
- Transition Strip (TS-4) 6.0 FT
- Transition Strip (TS-2) 23.5 FT
- Transition Saddle (TS-1) 6.0 FT
- Transition Strip (TS-3) 17.9 FT
- (9'-0" H) Paint on Wall (PT-2) 926.5 FT
- (10'-0" H) Paint on Wall (PT-2) 167.7 FT
- (11'-7" H) Paint on Wall (PT-2) 368.4 FT
- (8'-6" H) Paint on Wall (PT-2) 347.7 FT
- (9'-0" H) Paint on Wall (PT-5) 3.7 FT
- Corner Guard 49.0 EA

10. WHERE THE EXISTING SLAB & MECHANICAL EQUIPMENT, CONDUIT ETC. IS EXPOSED - I.E. BETWEEN CEILING CLOUDS - ALL SURFACES & EQUIPMENT SHALL BE PAINTED THROUGHOUT. EXPOSED SURFACES SHALL BE PREPARED FOR PT. FINISH.

11. FLOOR PREP. FOR ALL FINISHES, SEE SPECIFICATIONS.

2 FINISH NOTES

### FINISH LEGEND

- ROOM GENERAL FINISH TAGS
- ROOM ACCENT WALL FINISH TAGS
- FLOOR TRANSITIONS
- VCT FLOOR TILE
- CARPET TILE
- LVT FLOOR TILE
- PORCELAIN FLOOR TILE
- EPOXY COATING OVER CONCRETE SLAB
- CORNER GUARD, SEE SCHEDULE

3 FINISH LEGEND

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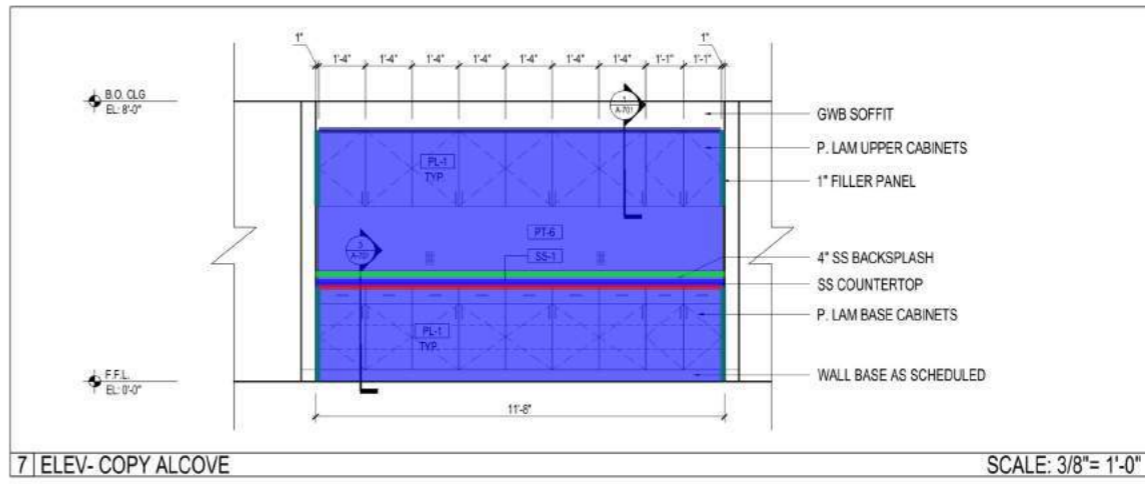
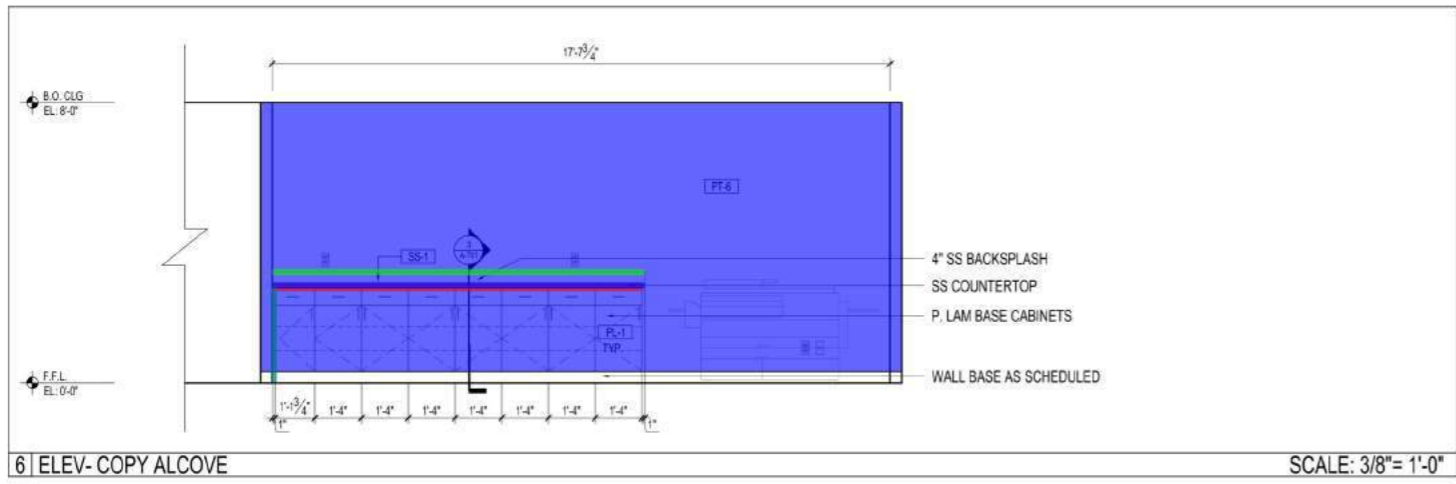
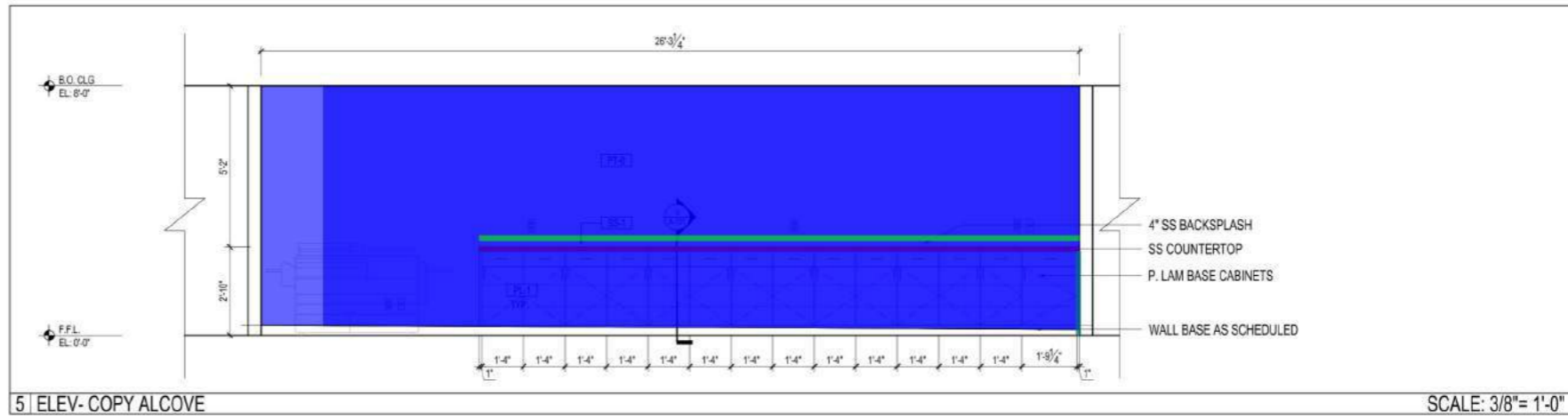
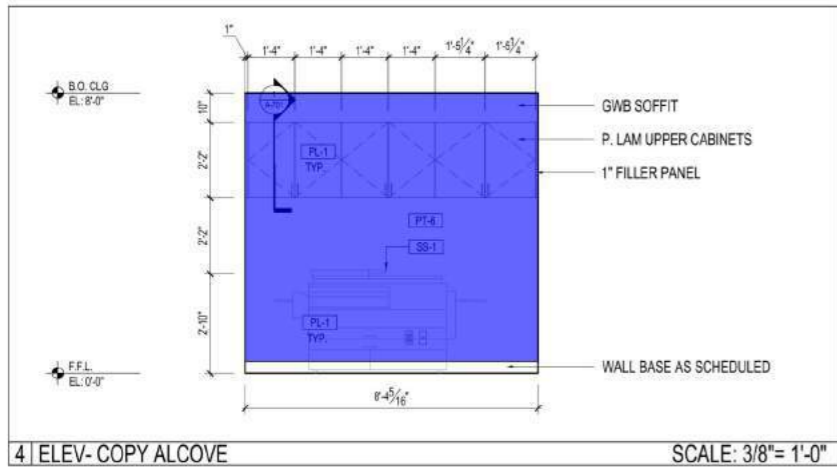
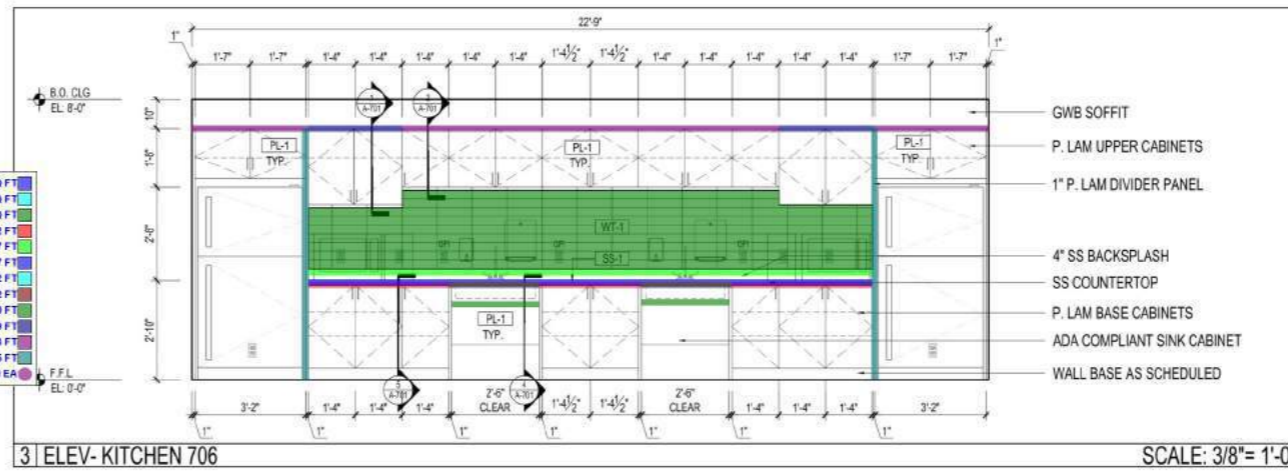
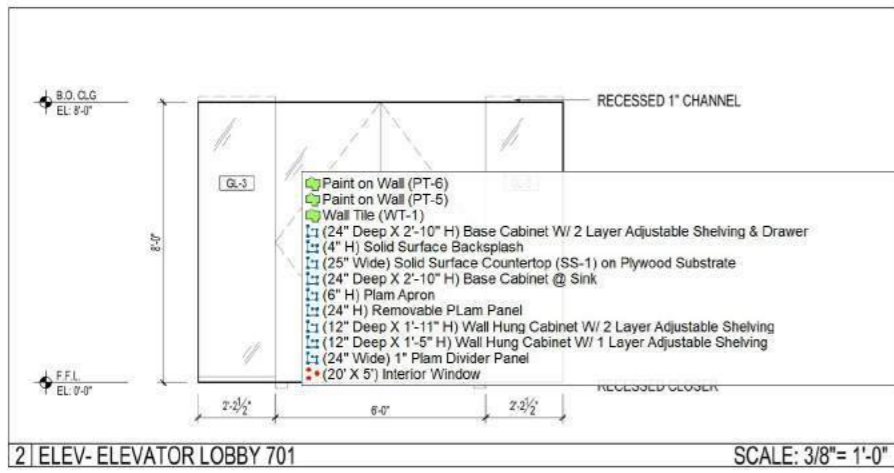
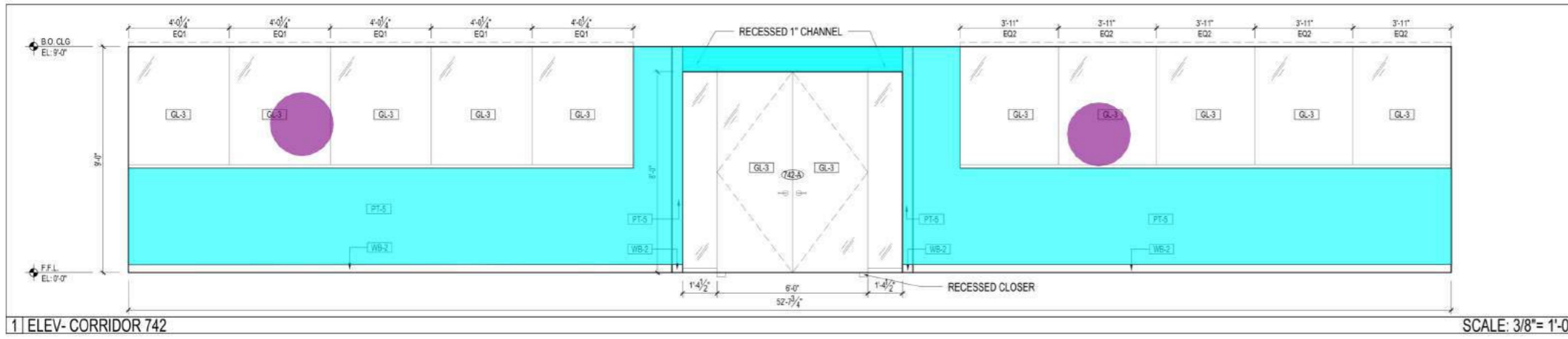
PROJECT  
**METROPOLITAN HOSPITAL**  
 7TH FLOOR CALL CENTER  
 1901 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

DRAWING  
**SEVENTH FLOOR**  
**FINISH PLAN**  
 (2 OF 2)

DATE	FEBRUARY 2021
JOB NUMBER	20033
DWG. NO.	<b>A-141</b>
SCALE	20 of 31

NYC DOB Number  
 DWBY





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PROJECT  
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BLOCK: 1669 LOT: 1

DRAWING  
INTERIOR ELEVATIONS

DATE	FEBRUARY 2021
JOB NUMBER	20033
DRAWING NO.	A-500
SCALE	BY: YH, AG 21 of 31

NYC DOB Number  
DWBY



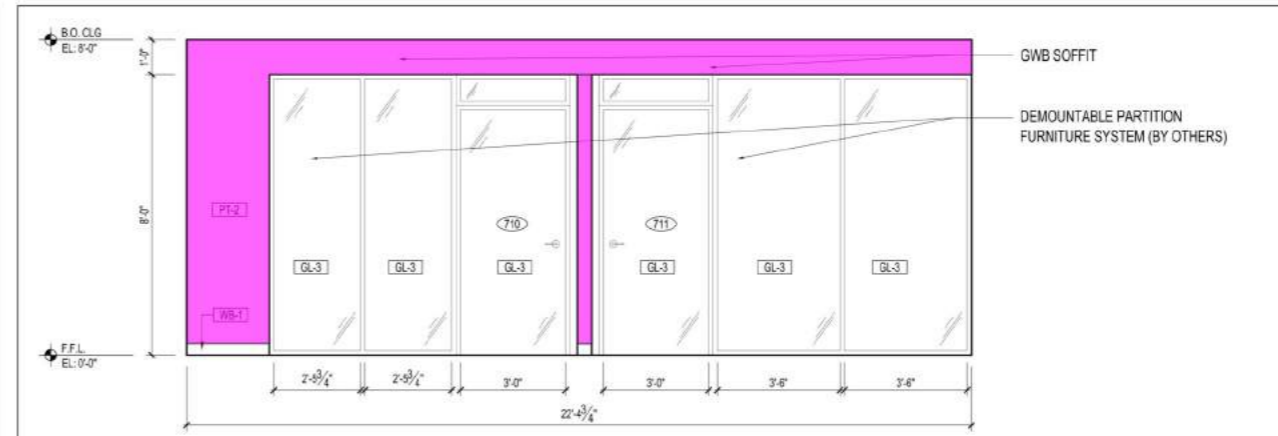
1 | ELEV-COPY ALCOVE

SCALE: 3/8"= 1'-0"



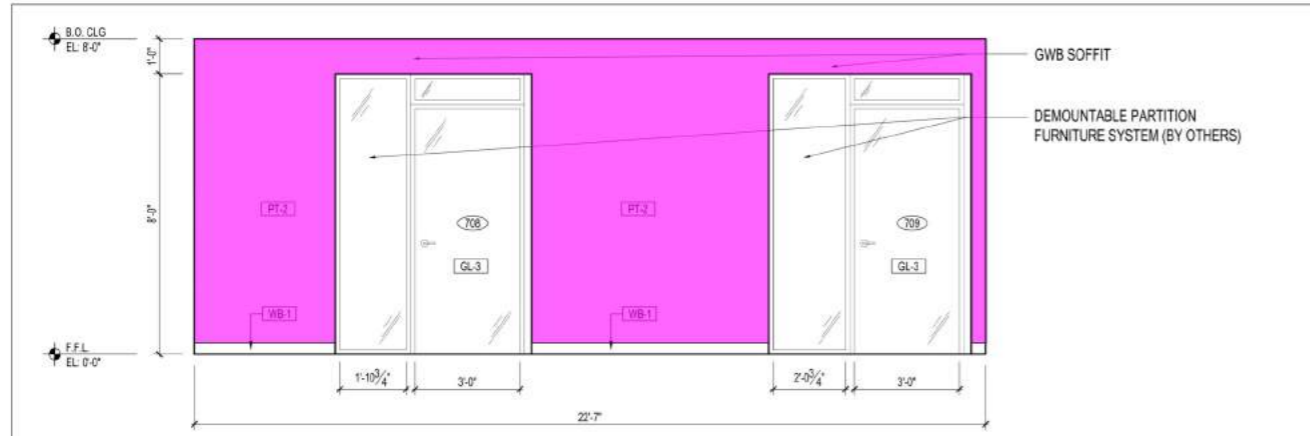
2 | ELEV- OFFICES 719 AND 720

SCALE: 3/8"= 1'-0"



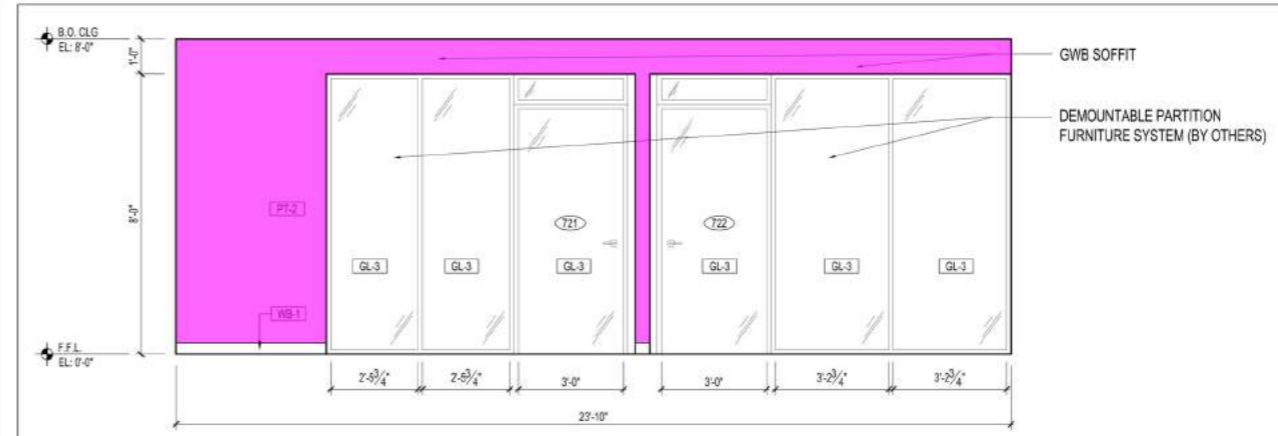
3 | ELEV- HUDDLE 710 AND OFFICE 711

SCALE: 3/8"= 1'-0"



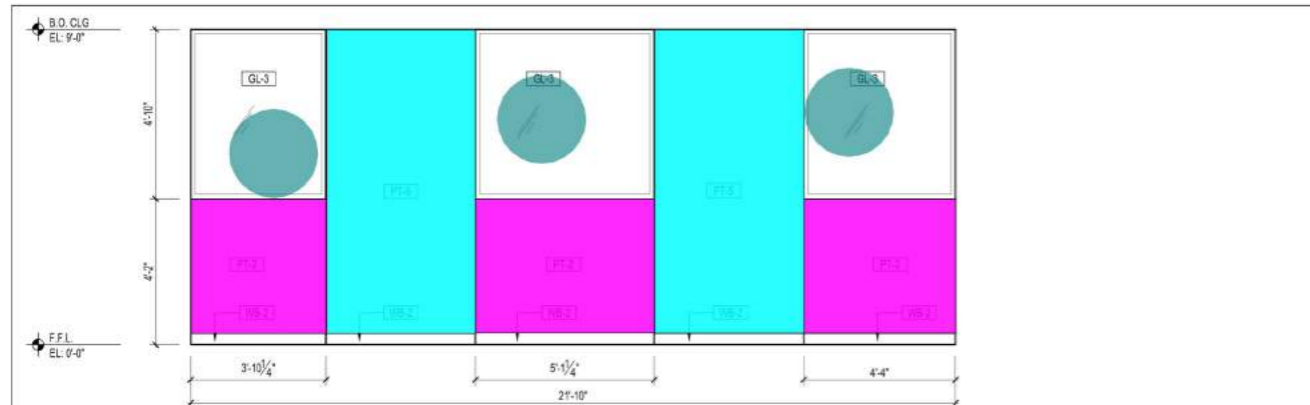
4 | ELEV- OFFICE 708 AND HUDDLE 709

SCALE: 3/8"= 1'-0"



5 | ELEV- OFFICES 721 AND 722

SCALE: 3/8"= 1'-0"



6 | ELEV- LOUNGE 723

SCALE: 3/8"= 1'-0"

- Paint on Wall (PT-2) 396.5 SQ FT
- Paint on Wall (PT-5) 147.7 SQ FT
- Paint on Wall (PT-6) 165.6 SQ FT
- ▬ (4" H) Solid Surface Backsplash 11.0 FT
- ▬ (25" Wide) Solid Surface Countertop (SS-1) on Plywood Substrate 11.0 FT
- ▬ (24" Deep X 2'-10" H) Base Cabinet W/ 2 Layer Adjustable Shelving & Drawer 10.9 FT
- ▬ (24" Wide) 1" Plam Divider Panel 5.4 FT
- (3'-10" X 4'-10") Interior Window 3.0 EA

5 ISSUED FOR BID REVISED	11.10.21
4 ISSUED FOR BID	10.04.21
3 100% DESIGN DEVELOPMENT	08.27.21
2 30% ARCH CD	07.21.21
1 ISSUED FOR SD COST ESTIMATE	04.30.21

#	DESCRIPTION	DATE
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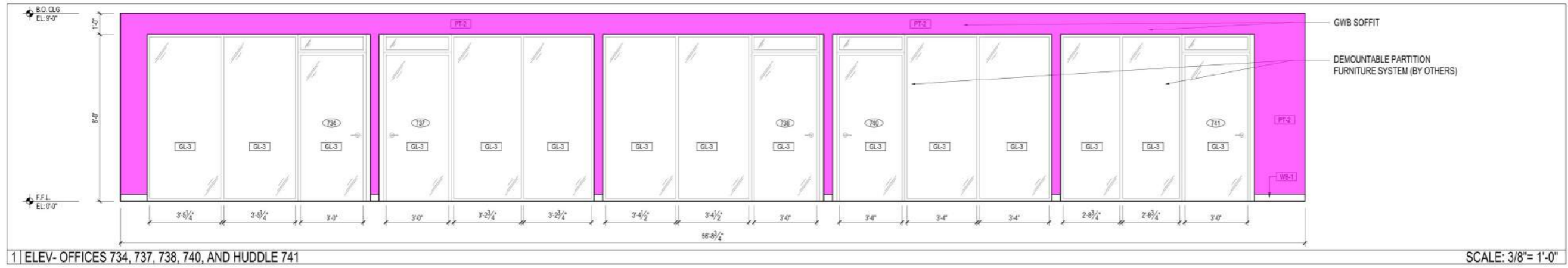
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PROJECT  
**METROPOLITAN HOSPITAL**  
 7TH FLOOR CALL CENTER  
 1901 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

INTERIOR ELEVATIONS

DATE	FEBRUARY 2021
JOB NUMBER	20033
DRAWING NO.	<b>A-501</b>
SCALE	YH, AG 22 of 31

NYC DOB Number  
 DWBY



NYC HEALTH+HOSPITALS  
**Metropolitan**  
 METROPOLITAN HOSPITAL  
 7TH FLOOR CALL CENTER

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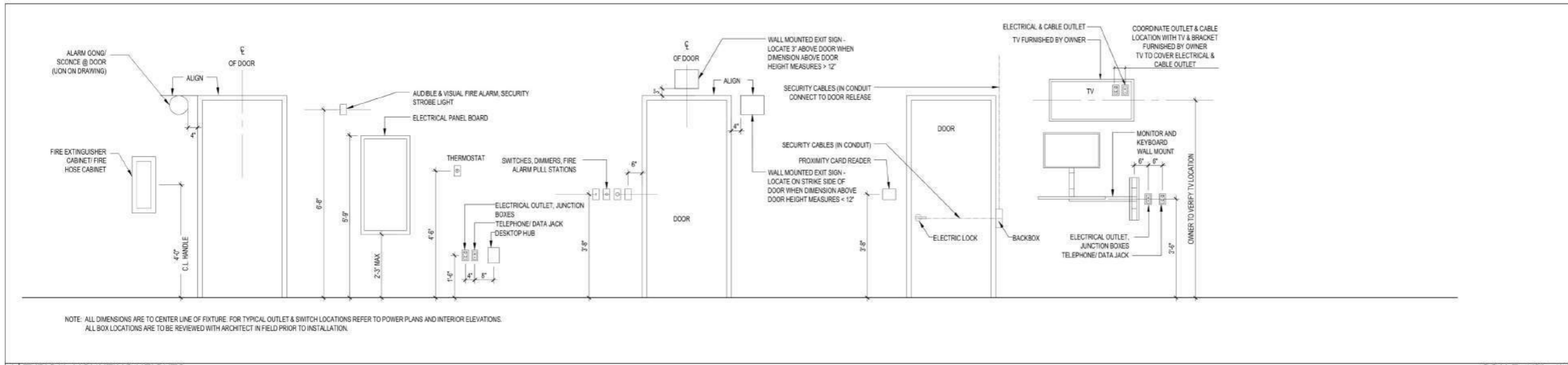
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DRAWING  
 INTERIOR ELEVATIONS

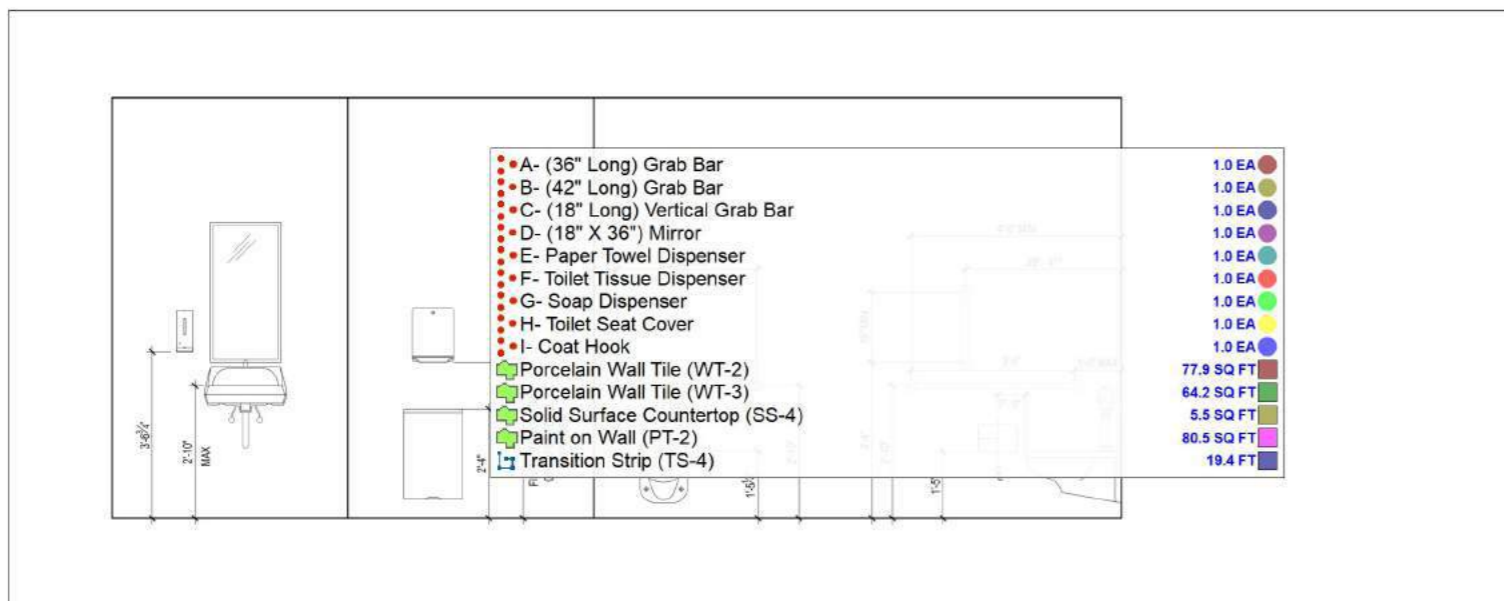
SCALE	DATE	FEBRUARY 2021
	JOB NUMBER	20033
	DRAWING NO.	<b>A-502</b>
SCALE	DRAWN BY	YH, AG
		23 of 31

NYC DOB Number  
 DWBY

Paint on Wall (PT-2) 98.2 SQ FT



1 | TYPICAL MOUNTING HEIGHTS

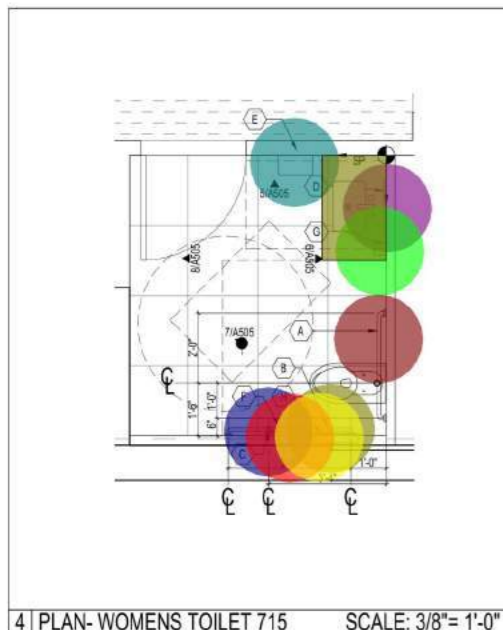


2 | TYPICAL MOUNTING HEIGHTS

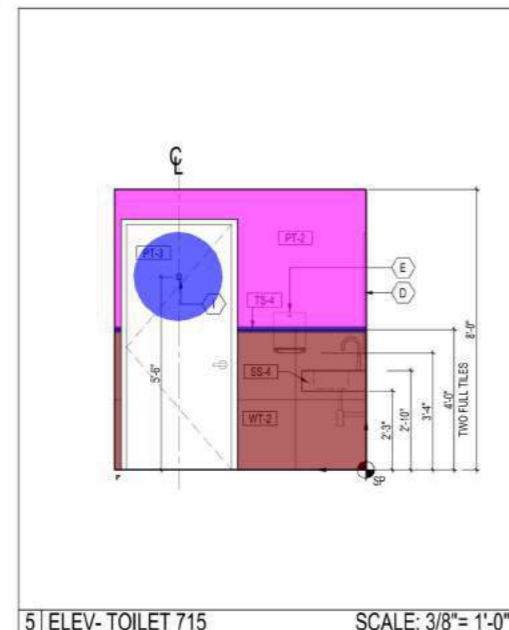
TOILET ACCESSORIES SCHEDULE & NOTES						
KEY (X)	ITEM	MANUFACTURER	MODEL NO.	REMARKS	SUPPLY	INSTALL
A	GRAB BAR 36" W	BOBRICK	B-6806 x 36	CONCEALED MOUNT, 1 1/2" DIA. TYPE-304 STAINLESS STEEL TUBING. PROVIDE PLATE MINIMUM 16 GAUGE REINFORCEMENT BEHIND WALL. TYP. SEE PLAN AND TYPICAL MOUNTING DIAGRAMS FOR LOCATIONS.	GC	GC
B	GRAB BAR 42" W	BOBRICK	B-6806 x 42	CONCEALED MOUNT, 1 1/2" DIA. TYPE-304 STAINLESS STEEL TUBING. PROVIDE PLATE MINIMUM 16 GAUGE REINFORCEMENT BEHIND WALL. TYP. SEE PLAN AND TYPICAL MOUNTING DIAGRAMS FOR LOCATIONS.	GC	GC
C	GRAB BAR 18" W	BOBRICK	B-6806 x 18	CONCEALED MOUNT, 1 1/2" DIA. TYPE-304 STAINLESS STEEL TUBING. PROVIDE PLATE MINIMUM 16 GAUGE REINFORCEMENT BEHIND WALL. TYP. SEE PLAN AND TYPICAL MOUNTING DIAGRAMS FOR LOCATIONS.	GC	GC
D	MIRROR	BOBRICK	B-290 1836	HEAVY-GAUGE STAINLESS STEEL ANGLE FRAME WITH SATIN FINISH. 18" WIDE X 36" TALL.	GC	GC
E	PAPER TOWEL DISPENSER	SANTOUCH PRO	09990	WALL-MOUNTED PAPER TOWEL DISPENSER. SMOKE COLOR.	GC	GC
F	TOILET TISSUE DISPENSER	KIMBERLY CLARK	OC09602	WALL MOUNTED TOILET PAPER DISPENSER IN SMOKE COLOR. SEE ELEVATIONS AND TYPICAL MOUNTING DIAGRAMS FOR LOCATIONS.	GC	GC
G	SOAP DISPENSER	PROVON	FMX-12T	WALL MOUNTED FOAM SOAP DISPENSER. SEE ELEVATIONS AND TYPICAL MOUNTING DIAGRAMS FOR LOCATIONS OR OTHER BY OWNER.	GC	GC
H	TOILET SEAT COVER DISPENSER	BOBRICK	B-3013	RECESSED 18-GAUGE TYPE-304 STAINLESS STEEL WITH SATIN FINISH. SEE ELEVATION AND TYPICAL MOUNTING DIAGRAMS FOR LOCATIONS.	GC	GC
I	COAT HOOK	BOBRICK	B-7671	STAINLESS STEEL COAT HOOK WITH SATIN FINISH. MOUNT 66" AFF.	GC	GC
J	TOILET PARTITION SYSTEMS	BOBRICK	PRIVADA	STANDARD 72" HEIGHT, STANDARD STAINLESS STEEL HARDWARE. 9" PEDESTAL IN STAINLESS STEEL. USE MARCHING PRIVADA FLOOR-ANCHORED URINAL SCREENS. FINISH FOR THE PARTITIONS: WOMENS GANG BATH-WHEAT STRAND 6212-58; MENS GANG BATH-BURNT STRAND 6307-58; MENS STAFF TOILET: GALLERY WALNUT 694	GC	GC

NOTE: SEE SPECIFICATIONS FOR FURTHER DETAILS. GC TO REFER TO PLANS AND ELEVATIONS FOR QUANTITIES. GC TO PROVIDE FULL HEIGHT 3/4" PLYWOOD GROUNDS AT TOILET PARTITION SYSTEM LOCATION FOR MOUNTING.

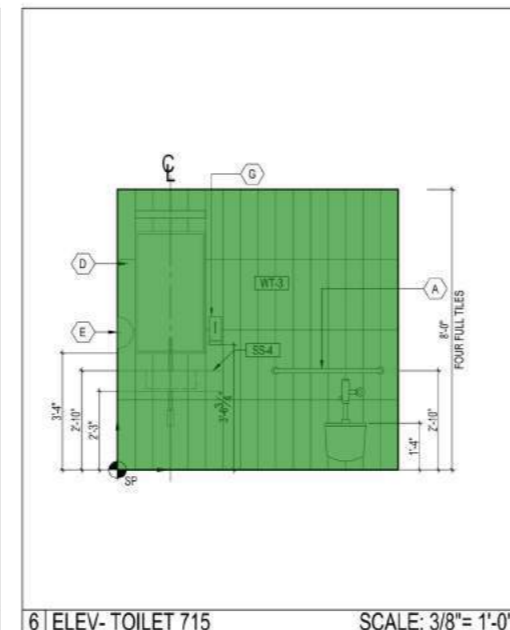
3 | RESTROOM ACCESSORY SCHEDULE



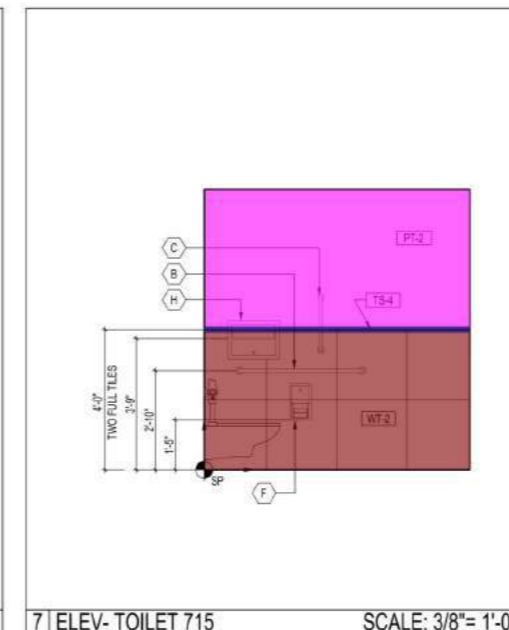
4 | PLAN- WOMENS TOILET 715



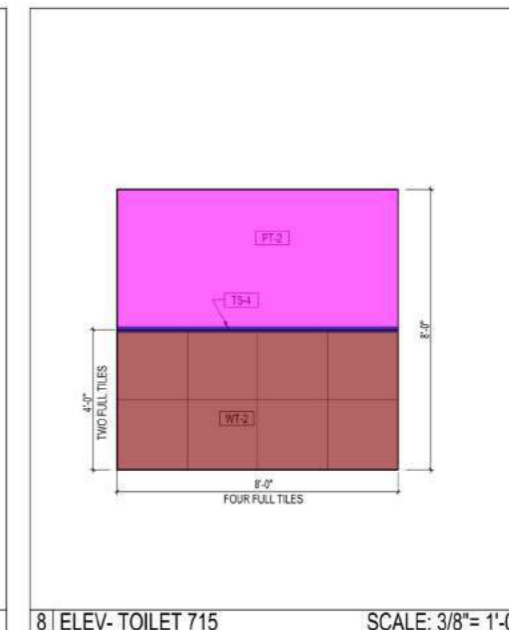
5 | ELEV- TOILET 715



6 | ELEV- TOILET 715



7 | ELEV- TOILET 715



8 | ELEV- TOILET 715

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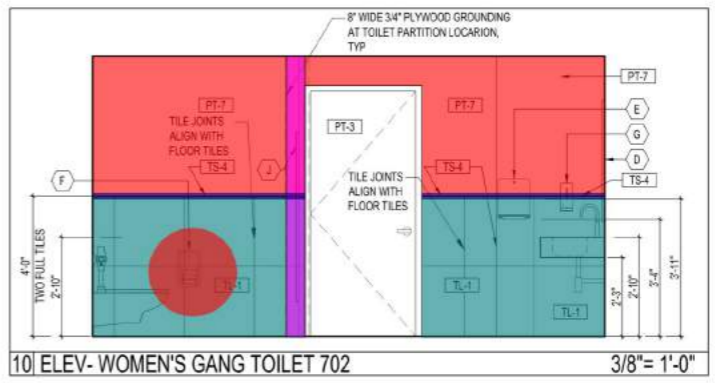
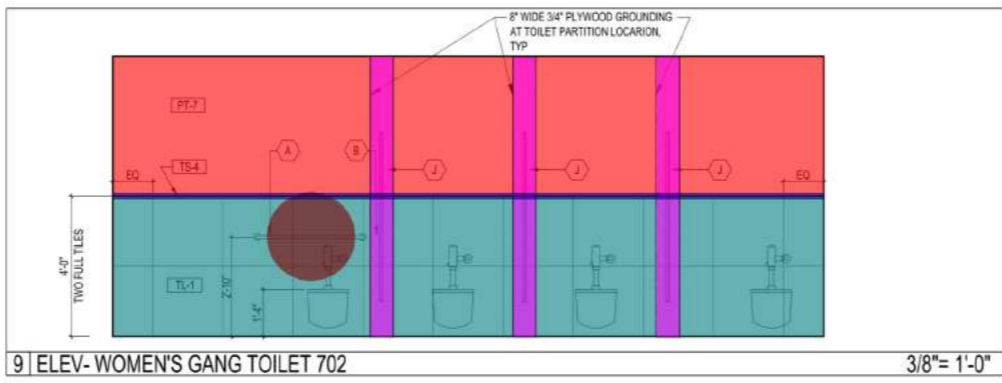
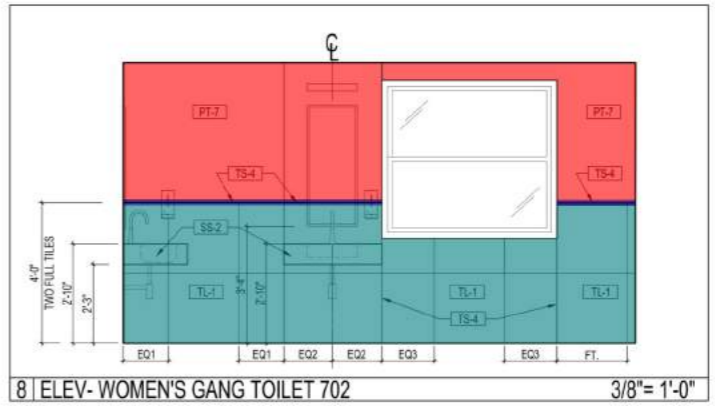
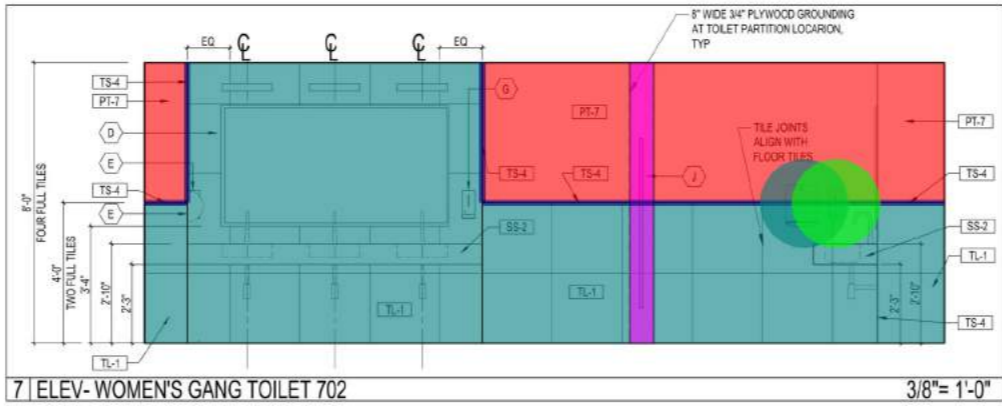
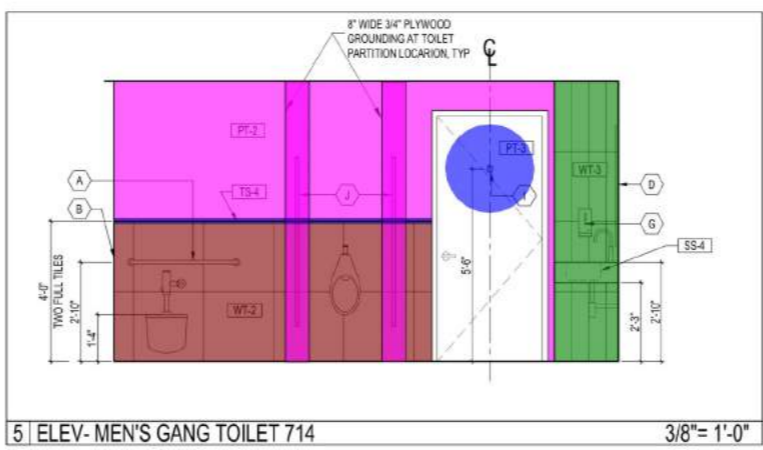
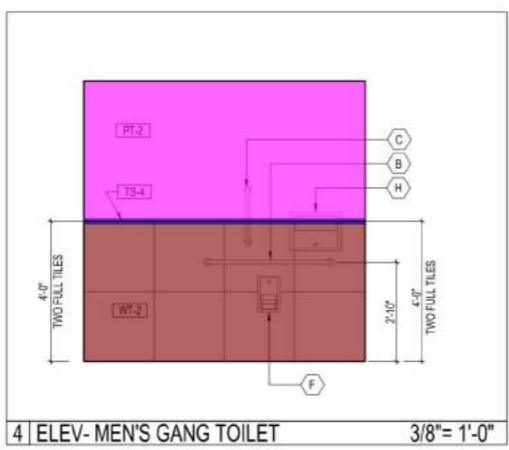
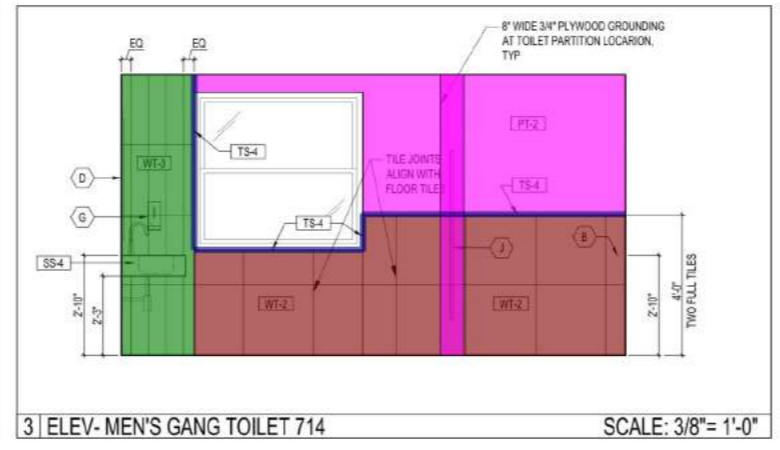
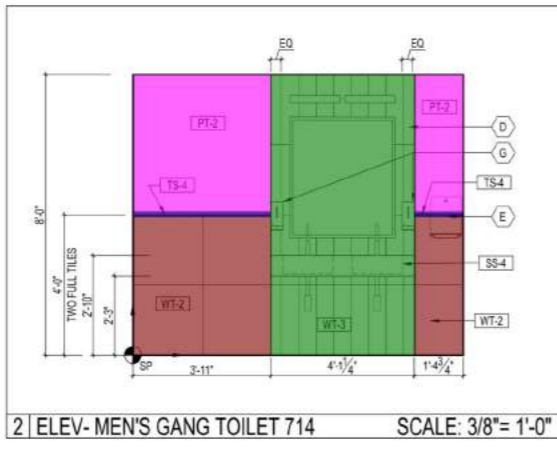
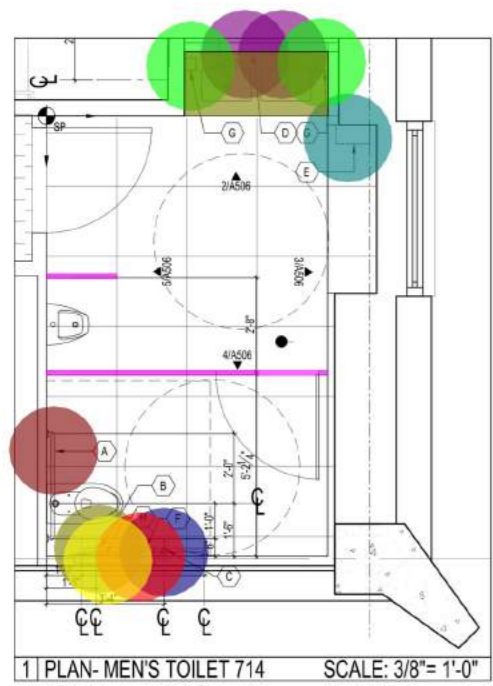
PROJECT  
 METROPOLITAN HOSPITAL  
 7TH FLOOR CALL CENTER  
 1901 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

DRAWING  
 TOILETS - ENLARGED  
 PLANS & ELEVATIONS

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

DATE: FEBRUARY 2021  
 JOB NUMBER: 20033  
 DRAWING NO: **A-505.00**  
 DRAWN BY: YH, AG  
 24 of 31

NYC DOB Number  
 DWBY



- A- (36" Long) Grab Bar
- B- (42" Long) Grab Bar
- C- (18" Long) Vertical Grab Bar
- D- (18" X 36") Mirror
- E- Paper Towel Dispenser
- F- Toilet Tissue Dispenser
- G- Soap Dispenser
- H- Toilet Seat Cover
- I- Coat Hook
- (6'-0" H) Toilet Partition System
- Porcelain Wall Tile (WT-2)
- Porcelain Wall Tile (WT-3)
- Transition Strip (TS-4)
- Solid Surface Countertop (SS-4)
- Solid Surface Countertop (SS-2)
- Porcelain Wall Tile (TL-1)
- Paint on Wall (PT-2)
- Paint on Wall (PT-7)
- 3/4" Plywood Grounding @ Toilet Partition

2.0 EA	●	8.0 EA	●	11.10.21
2.0 EA	●	1.0 EA	●	10.04.21
1.0 EA	●	6.0 EA	●	08.27.21
3.0 EA	●	2.0 EA	●	07.21.21
5.0 EA	●	1.0 EA	●	04.30.21
1.0 EA	●	44.3 FT	■	
134.3 SQ FT	■	64.2 SQ FT	■	
104.4 FT	■	7.5 SQ FT	■	
19.9 SQ FT	■	305.1 SQ FT	■	
126.0 SQ FT	■	227.6 SQ FT	■	
42.0 SQ FT	■			

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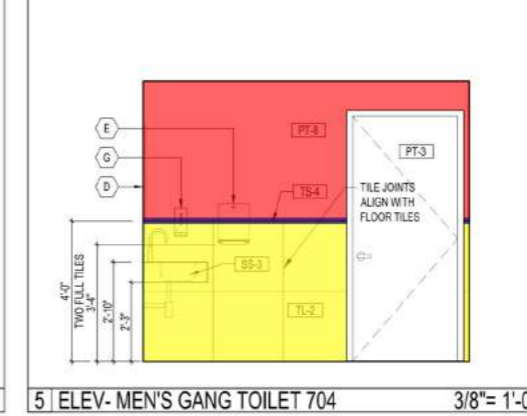
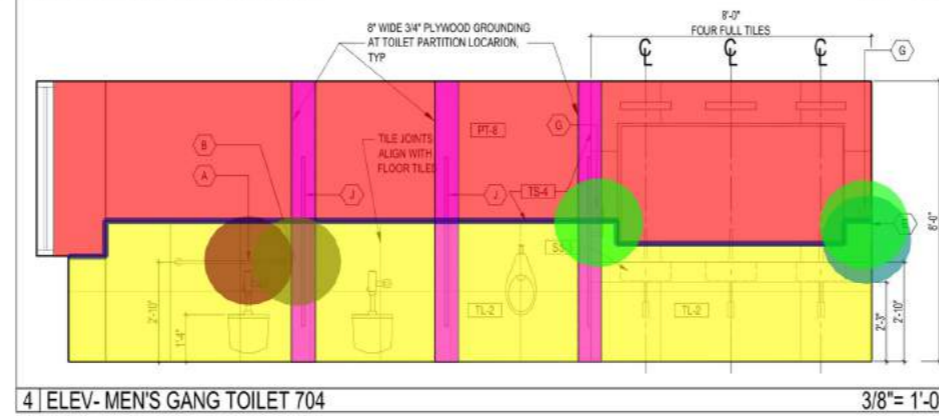
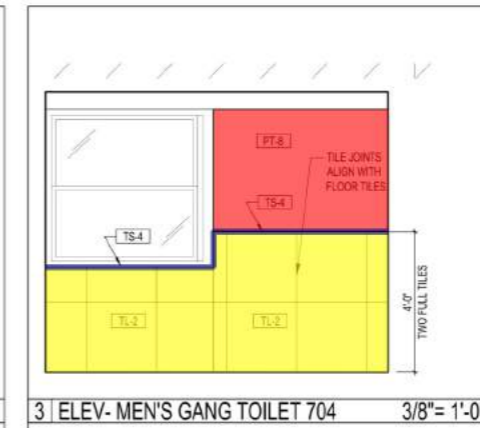
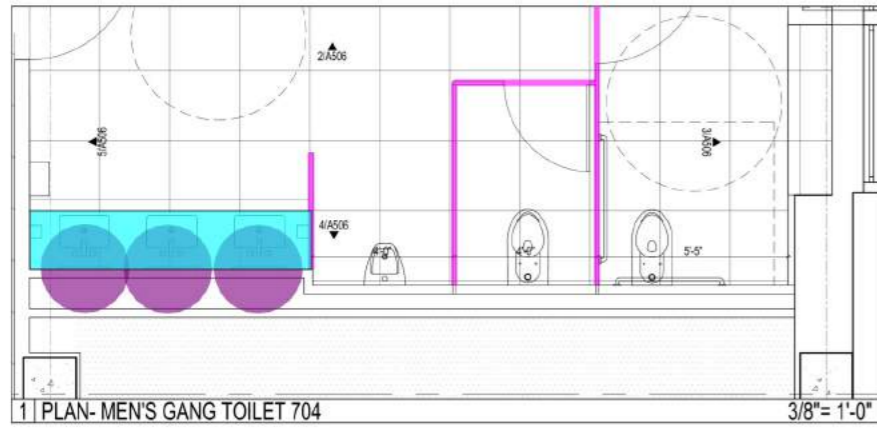
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 7TH FLOOR CALL CENTER  
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 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

DRAWING  
**TOILETS - ENLARGED**  
**PLANS & ELEVATIONS**

DATE	FEBRUARY 2021
JOB NUMBER	20033
DRAWING NO.	<b>A-506.00</b>
SCALE	YH, AG 25 of 31

NYC DOB Number  
 DWBY



<ul style="list-style-type: none"> <li>(6'-0" H) Toilet Partition System</li> <li>A- (36" Long) Grab Bar</li> <li>B- (42" Long) Grab Bar</li> <li>G- Soap Dispenser</li> <li>E- Paper Towel Dispenser</li> <li>D- (18" X 36") Mirror</li> <li>Porcelain Wall Tile (TL-2)</li> <li>Transition Strip (TS-4)</li> <li>Paint on Wall (PT-8)</li> <li>3/4" Plywood Grounding @ Toilet Partition</li> <li>Solid Surface Countertop (SS-3)</li> </ul>	<ul style="list-style-type: none"> <li>21.1 FT</li> <li>1.0 EA</li> <li>1.0 EA</li> <li>2.0 EA</li> <li>1.0 EA</li> <li>3.0 EA</li> <li>237.7 SQ FT</li> <li>65.8 FT</li> <li>238.4 SQ FT</li> <li>21.5 SQ FT</li> <li>13.4 SQ FT</li> </ul>
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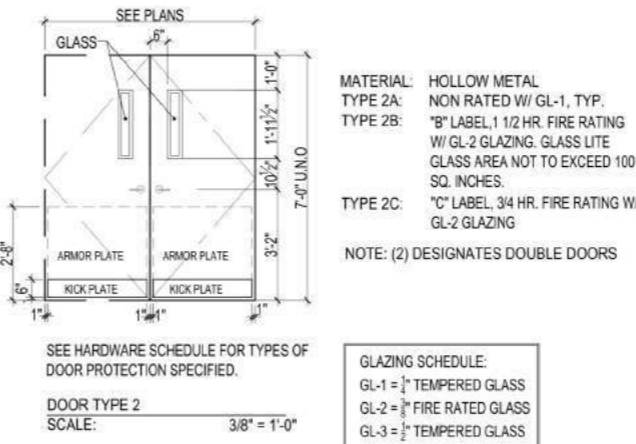
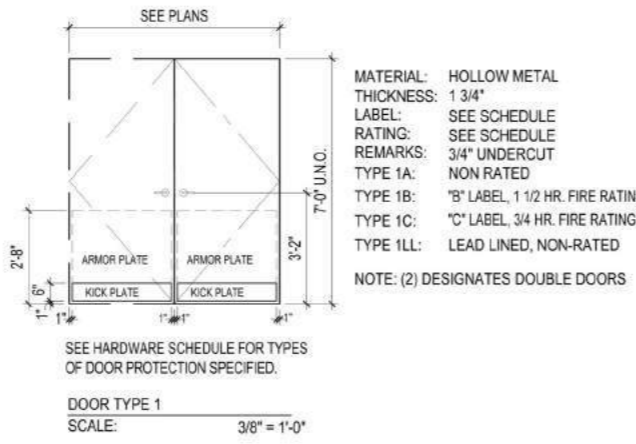
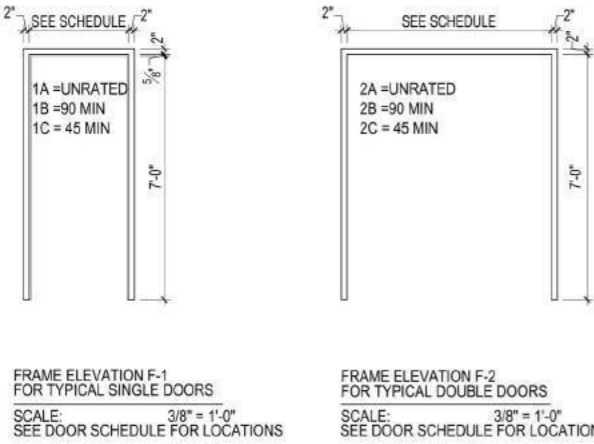
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 BLOCK: 1669 LOT: 1

DRAWING  
 TOILETS - ENLARGED  
 PLANS & ELEVATIONS

SCALE	DATE	FEBRUARY 2021
	JOB NUMBER	26033
	DRAWING NO.	<b>A-507.00</b>
	DRAWN BY	YH, AG
		<b>26 of 31</b>

NYC DOB Number  
 DWNBY



FRAME ELEVATION F-1 FOR TYPICAL SINGLE DOORS  
SCALE: 3/8" = 1'-0"  
SEE DOOR SCHEDULE FOR LOCATIONS

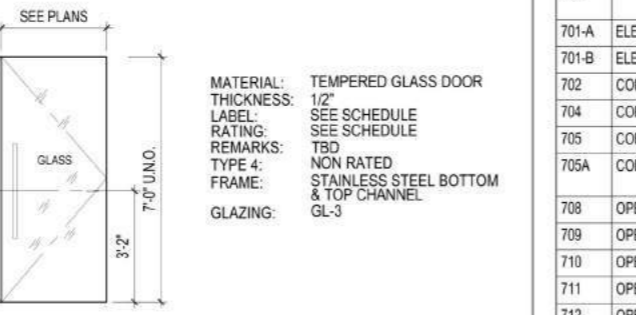
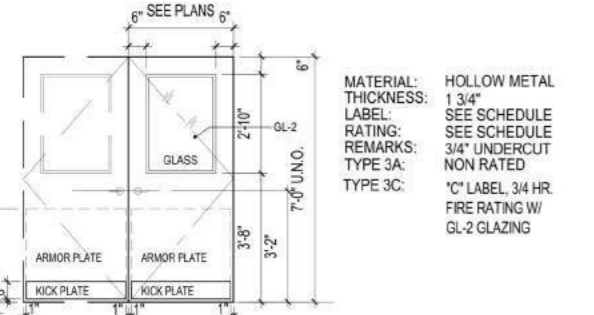
SEE HARDWARE SCHEDULE FOR TYPES OF DOOR PROTECTION SPECIFIED.  
DOOR TYPE 1  
SCALE: 3/8" = 1'-0"

SEE HARDWARE SCHEDULE FOR TYPES OF DOOR PROTECTION SPECIFIED.  
DOOR TYPE 2  
SCALE: 3/8" = 1'-0"

GLAZING SCHEDULE:  
GL-1 = 1/2" TEMPERED GLASS  
GL-2 = 3/8" FIRE RATED GLASS  
GL-3 = 1/2" TEMPERED GLASS

1 | DOOR AND FRAME TYPES

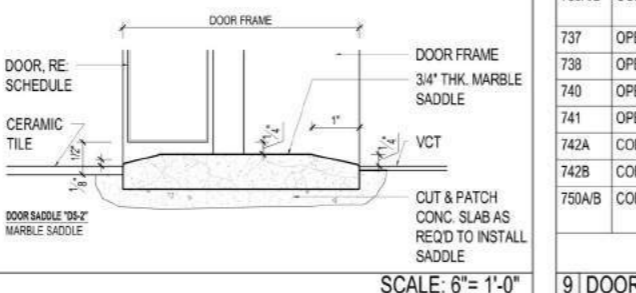
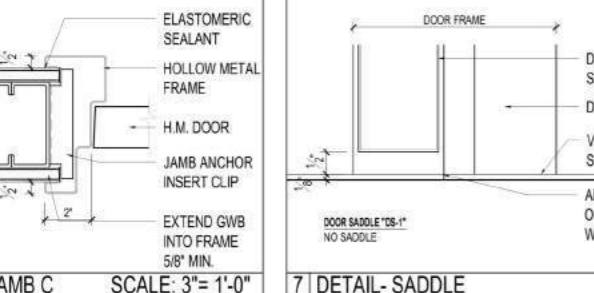
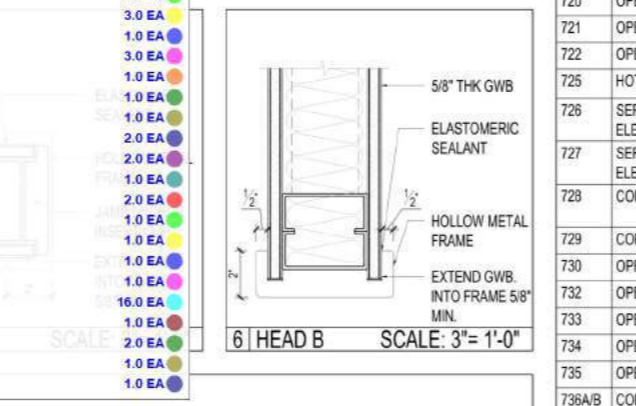
SCALE: 3/8" = 1'-0"



- (3'-0" X 7'-0") HM Door Type - 2B
- (6'-0" X 8'-0") AL Door Type - 4 W/ Frame Type - AL
- (3'-0" X 7'-0") HM Door Type - 1A W/ Frame Type - F1A
- 2 (3'-0" X 7'-0") HM Door Type - 1B W/ Frame Type - F2B
- 2 (3'-0" X 7'-0") HM Door Type - 1C W/ Frame Type - F1C
- (3'-0" X 7'-0") HM Door Type - 1C W/ Frame Type - F1C
- (3'-0" X 7'-0") HM Door Type - 1B W/ Frame Type - F1B
- 2 (3'-0" X 7'-0") GL Door Type - 4 W/ Frame Type - AL
- 2 (3'-0" X 7'-0") HM Door Type - 2C W/ Frame Type - F2C
- (3'-0" X 7'-0") HM Door Type - 1B W/ Frame Type - F2B
- 2 (2'-0" X 7'-0") HM Door Type - 1A W/ Frame Type - F2A

DOOR TYPE 4  
SCALE: 3/8" = 1'-0"

- Hardware Set - EX 01
- Hardware Set - EX 02
- Hardware Set - EX 03
- 2 (3'-0" X 7'-0") HM Door Type - 1C
- Hardware Set - GL 01
- Hardware Set - GL 02
- Hardware Set - 01
- Hardware Set - 02
- Hardware Set - 04
- Hardware Set - 05
- Hardware Set - 06
- Hardware Set - 07
- Hardware Set - 04A
- Hardware Set - 08
- Hardware Set - DP 01
- Hardware Set - NF
- Hardware Set - 03
- Hardware Set - CR 01
- Hardware Set - CR 02



6 | JAMB C SCALE: 3" = 1'-0"

7 | DETAIL - SADDLE SCALE: 6" = 1'-0"

DOOR SCHEDULE

DOOR NO.	FROM	TO	DOOR TYPE	DOOR SIZE (W X H)	THICKNESS	FIRE RATING	DOOR MATERIAL/ FINISH	FRAME TYPE	JAMB	HEAD	SADDLE	HW SET	REMARKS
701-A	ELEVATOR LOBBY	STAIRWELL	2B	3'-0" x 7'-0"	1-3/4"	90	HMI/PT	F1B					REPLACE EXISTING DOOR TO BE REPLACED
701-B	ELEVATOR LOBBY	CORRIDOR	2B	6'-0" x 8'-0"	1-3/4"		AL/GL	AL					REPLACE EXISTING GLASS DOORS; MAGLOCK; CARD READER ENTRY
702	CORRIDOR	WOMEN'S GANG	1A	3'-0" x 7'-0"	1-3/4"		HMI/PT	F1A	A	A	DS-2		
704	CORRIDOR	MEN'S GANG TO	1A	3'-0" x 7'-0"	1-3/4"		HMI/PT	F1A	A	A	DS-2		
705	CORRIDOR	MECHANICAL ROOM	1B	(2) 3'-0" x 7'-0"	1-3/4"	90	HMI/PT	F2B	C	C	DS-1		REPLACE EXISTING DOUBLE DOORS
705A	CORRIDOR	EXISTING ELECTRIC CLOSET	1C	(2) 3'-0" x 7'-0"	1-3/4"	45	HMI/PT	F1C					REPLACE EXISTING DOUBLE DOOR TO BE REPLACED
708	OPEN OFFICE	OFFICE 1	FSBO	3'-0" x 7'-0"	1-3/4"		FSBO	FSBO	FSBO	FSBO	DS-1		REMOVE FURNITURE SYSTEM BY OTHERS; HARDWARE BY GC
709	OPEN OFFICE	HUDDLE ROOM 1	FSBO	3'-0" x 7'-0"	1-3/4"		FSBO	FSBO	FSBO	FSBO	DS-1		REMOVE FURNITURE SYSTEM BY OTHERS; HARDWARE BY GC
710	OPEN OFFICE	HUDDLE ROOM 2	FSBO	3'-0" x 7'-0"	1-3/4"		FSBO	FSBO	FSBO	FSBO	DS-1		REMOVE FURNITURE SYSTEM BY OTHERS; HARDWARE BY GC
711	OPEN OFFICE	OFFICE 2	FSBO	3'-0" x 7'-0"	1-3/4"		FSBO	FSBO	FSBO	FSBO	DS-1		REMOVE FURNITURE SYSTEM BY OTHERS; HARDWARE BY GC
712	OPEN OFFICE	STAIRWELL	1B	3'-0" x 7'-0"	1-3/4"	90	HMI/PT	F1B					REPLACE EXISTING DOOR TO BE REPLACED
713	OPEN OFFICE	ELECTRICAL CLOSET	1C	3'-0" x 7'-0"	1-3/4"	45	HMI/PT	F1C	A	A	DS-1		REPLACE EXISTING DOOR TO BE REPLACED
714	CORRIDOR	MEN'S GANG STAFF TOILET	1A	3'-0" x 7'-0"	1-3/4"		HMI/PT	F1A	A	A	DS-2		REPLACE EXISTING DOOR TO BE REPLACED
715	CORRIDOR	WOMEN'S STAFF TOILET PRIVATE	1A	3'-0" x 7'-0"	1-3/4"		HMI/PT	F1A	A	A	DS-2		REPLACE EXISTING DOOR TO BE REPLACED
716	CORRIDOR	SUPPLIES CLOSET	1A	3'-0" x 7'-0"	1-3/4"		HMI/PT	F1A	A	A	DS-1		REPLACE EXISTING DOOR TO BE REPLACED
717	OPEN OFFICE	OFFICE 3	FSBO	3'-0" x 7'-0"	1-3/4"		FSBO	FSBO	FSBO	FSBO	DS-1		REMOVE FURNITURE SYSTEM BY OTHERS; HARDWARE BY GC
718	OPEN OFFICE	OFFICE 4	FSBO	3'-0" x 7'-0"	1-3/4"		FSBO	FSBO	FSBO	FSBO	DS-1		REMOVE FURNITURE SYSTEM BY OTHERS; HARDWARE BY GC
719	OPEN OFFICE	OFFICE 5	FSBO	3'-0" x 7'-0"	1-3/4"		FSBO	FSBO	FSBO	FSBO	DS-1		REMOVE FURNITURE SYSTEM BY OTHERS; HARDWARE BY GC
720	OPEN OFFICE	OFFICE 6	FSBO	3'-0" x 7'-0"	1-3/4"		FSBO	FSBO	FSBO	FSBO	DS-1		REMOVE FURNITURE SYSTEM BY OTHERS; HARDWARE BY GC
721	OPEN OFFICE	OFFICE 7	FSBO	3'-0" x 7'-0"	1-3/4"		FSBO	FSBO	FSBO	FSBO	DS-1		REMOVE FURNITURE SYSTEM BY OTHERS; HARDWARE BY GC
722	OPEN OFFICE	OFFICE 8	FSBO	3'-0" x 7'-0"	1-3/4"		FSBO	FSBO	FSBO	FSBO	DS-1		REMOVE FURNITURE SYSTEM BY OTHERS; HARDWARE BY GC
725	HOTEL AREA	STORAGE	1A	3'-0" x 7'-0"	1-3/4"		HMI/PT	F1A	A	A	DS-1		REPLACE EXISTING DOOR TO BE REPLACED
726	SERVICE ELEVATOR LOBBY	I.T./ DATA CLOSET	1C	3'-0" x 7'-0"	1-3/4"	45	HMI/PT	F1C	A	A	DS-1		REPLACE EXISTING CARD READER
727	SERVICE ELEVATOR LOBBY	EXISTING I.T./DATA CLOSET	1A	3'-0" x 7'-0"	1-3/4"		HMI/PT	F1A					REPLACE EXISTING DOOR TO REMAIN
728	CORRIDOR	SERVICE ELEVATOR LOBBY	1A	3'-0" x 7'-0"	1-3/4"		HMI/PT	F1A	A	A	DS-1		REPLACE EXISTING DOOR TO BE REPLACED
729	CORRIDOR	HOUSEKEEPING	1A	3'-0" x 7'-0"	1-3/4"		HMI/PT	F1A	A	A	DS-1		REPLACE EXISTING DOOR TO BE REPLACED
730	OPEN OFFICE	STAIRWELL	2B	3'-0" x 7'-0"	1-3/4"	90	HMI/PT	F1B					REPLACE EXISTING DOOR TO BE REPLACED
732	OPEN OFFICE	EXIT CORRIDOR	1B	3'-0" x 7'-0"	1-3/4"	90	HMI/PT	F1B	A	A	DS-1		REPLACE EXISTING DOOR TO BE REPLACED
733	OPEN OFFICE	MECHANICAL ROOM	1B	3'-0" x 7'-0"	1-3/4"	90	HMI/PT	F2B	A	A	DS-1		REPLACE EXISTING DOUBLE DOORS
734	OPEN OFFICE	OFFICE 9	FSBO	3'-0" x 7'-0"	1-3/4"		FSBO	FSBO	FSBO	FSBO	DS-1		REMOVE FURNITURE SYSTEM BY OTHERS; HARDWARE BY GC
735	OPEN OFFICE	HUDDLE ROOM 3	FSBO	3'-0" x 7'-0"	1-3/4"		FSBO	FSBO	FSBO	FSBO	DS-1		REMOVE FURNITURE SYSTEM BY OTHERS; HARDWARE BY GC
736A/B	CORRIDOR	STORAGE	1A	2 SETS OF 2 2'-0" x 7'-0"	1-3/4"		HMI/PT	F2A	A	A	DS-1		REPLACE EXISTING SETS OF DOUBLE DOORS (4 DOORS TOTAL)
737	OPEN OFFICE	OFFICE 10	FSBO	3'-0" x 7'-0"	1-3/4"		FSBO	FSBO	FSBO	FSBO	DS-1		REMOVE FURNITURE SYSTEM BY OTHERS; HARDWARE BY GC
738	OPEN OFFICE	OFFICE 11	FSBO	3'-0" x 7'-0"	1-3/4"		FSBO	FSBO	FSBO	FSBO	DS-1		REMOVE FURNITURE SYSTEM BY OTHERS; HARDWARE BY GC
740	OPEN OFFICE	OFFICE 12	FSBO	3'-0" x 7'-0"	1-3/4"		FSBO	FSBO	FSBO	FSBO	DS-1		REMOVE FURNITURE SYSTEM BY OTHERS; HARDWARE BY GC
741	OPEN OFFICE	HUDDLE ROOM 4	FSBO	3'-0" x 7'-0"	1-3/4"		FSBO	FSBO	FSBO	FSBO	DS-1		REMOVE FURNITURE SYSTEM BY OTHERS; HARDWARE BY GC
742A	CORRIDOR	CORRIDOR	4	(2) 3'-0" x 7'-0"	1-3/4"		GL	AL			DS-1		REPLACE EXISTING GLASS DOORS
742B	CORRIDOR	CORRIDOR	2C	(2) 3'-0" x 7'-0"	1-3/4"	45	HMI/PT	F2C	C	C	DS-1		REPLACE EXISTING DOUBLE DOORS, 1 HR FIRE SMOKE BARRIER
750A/B	CORRIDOR	EXISTING ELECTRIC CLOSET	1C	(2 SETS OF 2) 3'-0" x 7'-0"	1-3/4"	45	HMI/PT	F1C					REPLACE EXISTING SETS OF DOUBLE DOORS TO BE REPLACED (4 DOORS TOTAL)

REFER TO SEPARATE WORD DOCUMENT SPEC SHEET FOR DOOR HARDWARE SET, TYPE, MANUF & MISC INFO.

9 | DOOR SCHEDULE

NYC HEALTH+HOSPITALS  
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METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER

- 5 ISSUED FOR BID REVISED 11.10.21
- 4 ISSUED FOR BID 10.04.21
- 3 100% DESIGN DEVELOPMENT 08.27.21
- 2 30% ARCH CD 07.21.21
- 1 ISSUED FOR SD COST ESTIMATE 04.30.21

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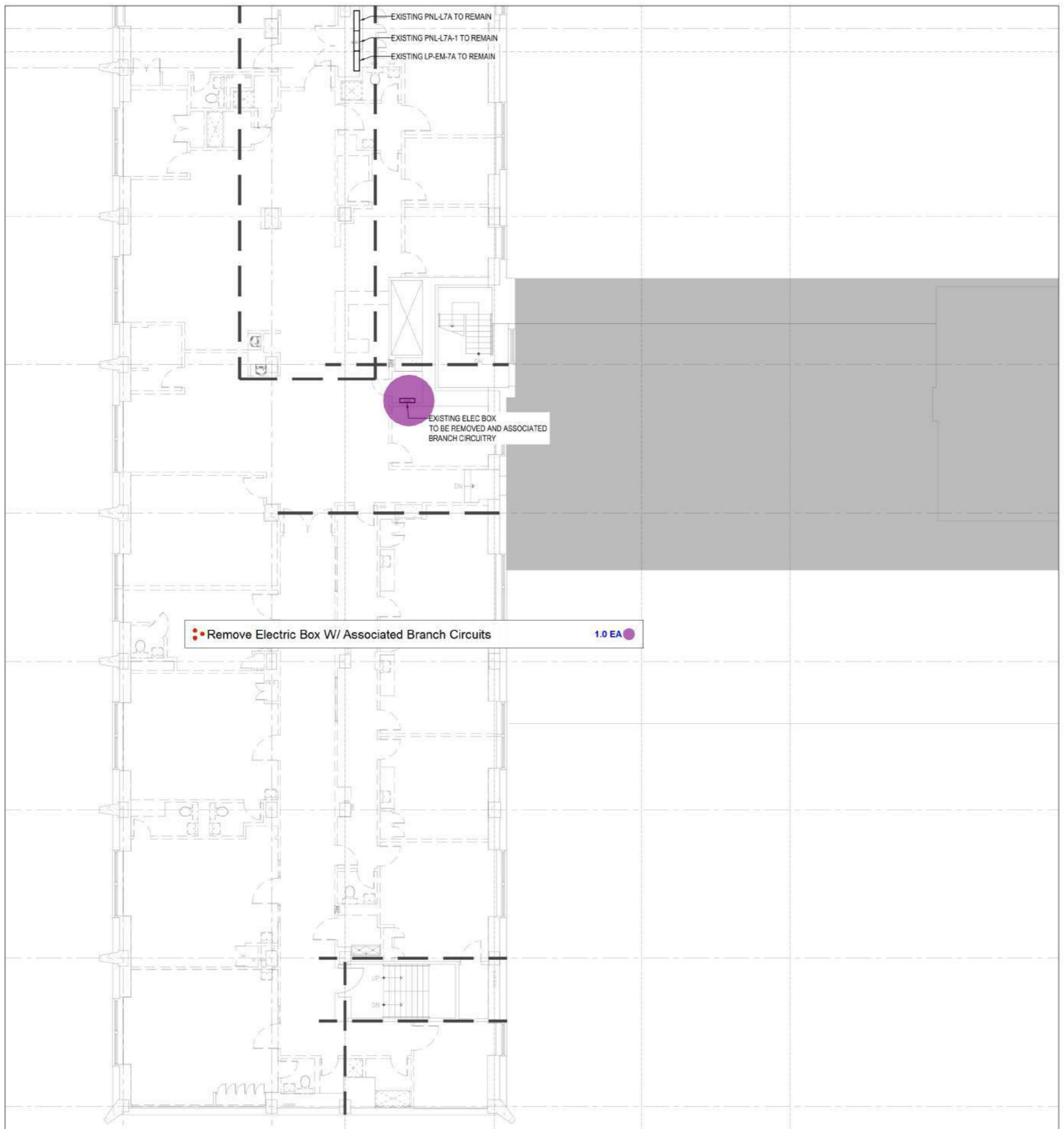
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PROJECT  
**METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER**  
1901 FIRST AVENUE  
NEW YORK, NEW YORK 10029  
BLOCK: 1669 LOT: 1

DRAWING  
**DOOR & FRAME TYPES,  
DETAILS, & SCHEDULE**

SCALE: 3/8" = 1'-0"  
DATE: FEBRUARY 2021  
JOB NUMBER: 20033  
DRAWING NUMBER: **A-703.00**  
SHEET: 29 of 31  
SCALE: YH, AG

NYC DOB Number  
DWBY



**POWER DEMOLITION:**

1. ALL CONTRACTORS SHALL SURVEY EXISTING CONDITIONS BEFORE SUBMITTAL OF BID TO ASCERTAIN EXTENT OF DEMOLITION.
2. NEITHER ACCURACY NOR COMPLETION OF SERVICES AND UTILITY LOCATIONS SHOWN ON THE DRAWINGS IS GUARANTEED. DETERMINE EXACT LOCATIONS OF EXISTING SERVICES AND UTILITIES IN FIELD. WHETHER SHOWN ON THE CONTRACT DOCUMENTS OR NOT, NOTES AND GRAPHIC REPRESENTATION SHALL NOT LIMIT THE EXTENT OF DEMOLITION WHICH SHALL BE CARRIED OUT TO THE EXTENT REQUIRED BY THE PROJECT.
3. DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL RECEPTACLES, OUTLETS, AND DEVICES WITHIN THE ENTIRE DEMOLITION AREA OF CONTRACT WORK AS DELINEATED ON THE DEMOLITION PLANS, UNLESS NOTED OTHERWISE TO REMAIN, EXCEPT WITHIN BUILDING CORE AREAS I.E. ELECTRICAL ROOMS, ARCHITECTURAL, TELEPHONE COMMUNICATIONS CLOSETS, JANITOR'S CLOSETS, STAIRWELLS, STORAGE CLOSETS, ETC.
4. DISCONNECT AND REMOVE ALL UNUSED EXISTING BRANCH CIRCUIT WIRING COMPLETE WITH ALL ASSOCIATED RACEWAYS UP TO THE RESPECTIVE PANEL BOARDS. PROVIDE KNOCKOUT CAPS ON ALL CONDUIT REMOVALS IN PANEL BOARD CABINETS AND BOXES.
5. DISCONNECT AND REMOVE ALL EXISTING SURFACE MOUNTED FLOOR OUTLET BOXES, WIRE MOLDS, COMPLETE WITH ASSOCIATED WIRING AND RACEWAYS UP TO THE PANEL BOARDS.
6. ALL EXISTING FLOOR MOUNT OUTLETS AND/OR DIRECT CONDUIT FEEDS THAT WERE INSTALLED WITH CORES INTO THE EXISTING FLOOR SLAB SHALL BE REMOVED COMPLETE WITH ALL ASSOCIATED RACEWAY, BOXES, DEVICES AND WIRING. PROVIDE CONCRETE GROUT TO FLUSH SEAL ALL EXTENDED EXPOSED CONCRETE CORE AND FLOOR BOX OPENINGS BETWEEN THE TOP OF CONCRETE CORE AND EDGE OF MUD FLOOR CAPS TO PREVENT INFILTRATION WHERE REQUIRED. ALL FLOOR CORE OPENINGS MUST BE CAPPED AND GROUT FLUSH WITH FLOOR SLAB.
7. ALL EXISTING WALL CORES AND FLOOR CORES THRU THE CONCRETE SLAB ABOVE AND BELOW THE RAISED FLOOR AND/OR INTO THE EXISTING UNDER FLOOR CELL SYSTEM SHALL BE PROVIDED WITH NEW UL LISTED FIRE SEAL DEVICES AND/OR FIRE SEALED TO COMPLY WITH UL RECOMMENDED FIRE SEAL SYSTEMS. UL SYSTEM NO. CA1203 FOR RATED FLOOR AND WALLS. UL SYSTEM NO. WL1036 FOR FIRE-STOPPING PENETRATIONS THROUGH GYPSUM WALLBOARD WALLS OF ALL ELECTRICAL CLOSETS. FIRE SEAL SYSTEMS SHALL MATCH RATING OF FLOOR/WALL SYSTEMS.
8. ALL EXISTING RECEPTACLE AND OTHER DEVICE OUTLETS AND/OR OTHER BUILDING DEVICES LOCATED WITHIN THE DEMOLITION AREAS THAT ARE LOCATED ON PERMANENT WALL STRUCTURES (COLUMNS, CORE SHAFT WALLS, ETC.) SHALL BE REMOVED OF THE PLATES, DEVICES, WIRING, BOXES AND RACEWAYS COMPLETE. THE OUTLET COVER PLATE SHALL BE SEALED TO PREVENT DEBRIS INFILTRATION BY THE CONTRACTOR. THE CONTRACTOR SHALL FIELD VERIFY ALL SUCH OUTLET TYPES AND QUANTITIES PRIOR TO DEMOLITION BID SUBMITTAL.
9. ALL DEMOLITION AND MODIFICATION WORK SHALL NOT LEAVE ADJACENT BUILDING FLOORS, BUILDING CORE AND TENANT OCCUPIED AREAS WITHOUT POWER SUPPLY TO THE EXISTING DEVICES NOTED TO REMAIN. CONTRACTOR SHALL COORDINATE WITH THE "PHASING" PLANS TO ISOLATE SUCH CIRCUITRY AND PROVIDE ALL NECESSARY NEW CIRCUITS, WIRING, PLENUM APPROVED RACEWAYS AND DEVICES TO COMPLY WITH THE ABOVE.
10. ALL EXISTING UNUSED POWER SOURCES FOR PREVIOUS TENANT SUPPLEMENTAL COOLING EQUIPMENT, PUMPS, HEATING UNITS, WATER HEATERS, EXHAUST FANS AND VENTILATION SYSTEMS, SHALL BE DISCONNECTED. WIRING AND RACEWAYS REMOVED UP TO THE PANEL BOARDS. COORDINATE WITH DEMOLITION DOCUMENTS FOR ALL OTHER TRADES.
11. ALL EXISTING ELECTRICAL AND COMMUNICATIONS SYSTEMS INSTALLED WITH NON CODE APPROVED PLENUM RACEWAYS THAT ARE NOTED TO REMAIN AND OR MODIFIED AS DIRECTED IN THE DEMOLITION DOCUMENTS AND SPECIFICATIONS, SHALL BE PROVIDED WITH NEW REPLACEMENT APPROVED PLENUM RACEWAYS TO MATCH THE EXISTING SIZES AND TYPE OF MATERIALS. SET SCREW FITTINGS ARE ACCEPTABLE ONLY IN THE PARTITIONS BELOW THE PROPOSED NEW PLENUM CEILING LINE AND OUTSIDE PLENUM CEILINGS. ALL AREAS ABOVE EXISTING CEILING SYSTEMS ARE PLENUM AND WILL BE DESIGNED FOR FUTURE PLENUM CONDITIONS. IN ADDITION, ALL EXISTING PULL BOXES THAT ARE NOT PLENUM RATED SHALL BE MODIFIED WITH A UL LISTED PLENUM GASKET, SEAL AND OR REPLACEMENT COVER PLATE. THE CONTRACTOR SHALL CONDUCT AN ABOVE CEILING INSPECTION TO CONFIRM SUCH EXISTING RACEWAY CONDITIONS PRIOR TO FINAL BID SUBMISSION. IN THE EVENT THAT SUCH CONDITIONS ARE NOT OBSERVABLE UNTIL AFTER THE CEILING SYSTEMS ARE REMOVED, THE CONTRACTOR SHALL UTILIZE UNIT COSTS SIMILAR TO NOTES IN SPEC.
12. DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL RECEPTACLES, OUTLETS, AND DEVICES WITHIN THE ENTIRE DEMOLITION AREA OF CONTRACT WORK AS DELINEATED ON THE DEMOLITION PLANS, UNLESS NOTED OTHERWISE TO REMAIN, EXCEPT WITHIN BUILDING CORE AREAS I.E. LL EXPOSED ABANDONED COMMUNICATIONS CABLEING, CABLE TRAYS AND ASSOCIATED SUPPORTS ABOVE CEILINGS SHALL BE COMPLETELY REMOVED. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION. REGARDING RETENTION OF COMMUNICATIONS CONDUIT LOOP.
13. ALL EXISTING ABANDONED ELECTRICAL RACEWAYS, HOMERUNS AND WIRING/CABLE SYSTEMS SERVING FLOOR CORED OUTLETS AND/OR CONDUITS PASSING THRU FLOOR SLABS, THAT WERE INSTALLED VIA THE FLOOR ABOVE OR BELOW, SHALL HAVE THE WIRING/CABLES AND RACEWAYS REMOVED. THE CONTRACTOR SHALL INCLUDE WITHIN BIDS ALL LABOR, SPACE PROTECTION, CEILING ACCESS/CLOSINGS, CLEAN UP AND OCCUPIED SPACE PROTECTION COSTS TO REMOVE THE RACEWAYS AT A LATER SCHEDULED TIME WHEN THE FLOOR ABOVE OR BELOW IS SCHEDULED FOR DEMOLITION.
14. ALL EXISTING MECHANICAL EQUIPMENT AND ASSOCIATED ELECTRICAL FEEDERS AND CONDUIT TO BE REMOVED UNLESS OTHERWISE NOTED. COORDINATE WITH MECHANICAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.
15. ALL EXISTING PLUMBING EQUIPMENT AND ASSOCIATED ELECTRICAL FEEDERS AND CONDUIT TO BE REMOVED UNLESS OTHERWISE NOTED. COORDINATE WITH PLUMBING DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.
16. ALL FIRE ALARM DEVICES AND ASSOCIATED WIRING AND CONDUITS TO BE REMOVED UNLESS OTHERWISE NOTED.

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PROJECT  
**METROPOLITAN HOSPITAL**  
 7TH FLOOR CALL CENTER  
 1901 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

DRAWING  
**SEVENTH FLOOR**  
**ELECTRICAL DEMOLITION**  
**POWER PLAN I**

DATE	DATE
Aug 27, 2021	
JOB NUMBER	26.0038
DWG NO.	<b>DM-501.00</b>
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**LIGHTING DEMOLITION NOTES:**

- DISCONNECT AND REMOVE ALL EXISTING LIGHT FIXTURES WITHIN THE DEMOLITION AREA OF CONTRACT WORK, AS DELINEATED ON THE ARCHITECTURAL DEMOLITION PLANS, UNLESS NOTED OTHERWISE TO REMAIN. ADJACENT EXISTING ACTIVE WORK AREAS THAT ARE NOT IN CONTRACT SHALL REMAIN IN GOOD OPERATION.
- DISCONNECT AND REMOVE ALL LIGHTING BRANCH CIRCUIT WIRING COMPLETE WITH ALL ASSOCIATED RACEWAYS UP TO THE RESPECTIVE PANEL BOARDS FOR THE REMOVED FIXTURES. PROVIDE KNOCKOUT CAPS WHERE ALL CONDUITS HAVE BEEN REMOVED OR OPENINGS EXIST IN PANEL BOARD CABINETS AND BOXES.
- DISCONNECT AND REMOVE ALL ABANDONED NON USABLE LIGHTING BRANCH CIRCUIT WIRING WITHIN THE EXISTING CONDUIT HOMERUNS EMBEDDED IN THE CONCRETE SLAB DURING ORIGINAL BASE BUILDING CONSTRUCTION.
- DISCONNECT AND REMOVE ALL EXISTING LOCAL LIGHT CONTROL SWITCHES NOTED TO BE REMOVED WITH ASSOCIATED WIRING AND RACEWAYS CONTROLLING THE AREA OF CONTRACT WORK. ADJACENT EXISTING ACTIVE WORK AREAS THAT ARE NOT IN CONTRACT SHALL REMAIN IN GOOD OPERATION WITH ALL EXISTING LIGHT CONTROL SWITCHES IN GOOD OPERATION.
- DISCONNECT AND REMOVE ALL UNUSED LIGHTING CONTROL, LOW-VOLTAGE RELAYS, TRANSFORMERS, CONTROL, BOXES, AND SWITCHES INCLUDING ALL ASSOCIATED WIRING AND RACEWAYS LOCATED WITHIN THE AREA OF CONTRACT WORK.
- DISCONNECT AND REMOVE ALL UNUSED EXISTING EMERGENCY LIGHT FIXTURES AND ASSOCIATED WIRING AND RACEWAYS. CONTRACTOR SHALL PROVIDE TEMPORARY EMERGENCY LIGHTING FIXTURES TO PROVIDE CODE REQUIRED EMERGENCY ILLUMINATION WITHIN THE FIVE FOOT AREA OUTSIDE EACH MAIN EXIT DOOR AND ALONG THE MAIN EXIT PATHS LEADING TO THE MAIN EXIT DOORS WHERE REQUIRED.
- DISCONNECT AND REMOVE ALL UNUSED EXISTING EXIT SIGNS WITH THE EXCEPTION TO EXIT SIGNS LOCATED OUTSIDE EACH MAIN EXIT DOOR AND WITHIN ZONED AREAS NOTED TO REMAIN WITH "NO CHANGE". THE EXISTING EXIT SIGNS SHALL BE REMOVED FROM THE DEMOLISHED GRID AND/OR DRYWALL CEILING AND TEMPORARILY SUPPORTED TO THE STRUCTURAL CEILING SLAB ABOVE. THE EXISTING EXIT SIGNS SHALL BE FULLY OPERATIONAL AND VISIBLE DURING DEMOLITION WORK. ALL WALL MOUNTED EXIT SIGNS SHALL REMAIN FULLY VISIBLE AND OPERATIONAL. REWORK ALL EXISTING RACEWAYS AND WIRING FOR THE EXISTING STAIR AND EXIT SIGNS NOTED "TO REMAIN" SO AS TO BE MOUNTED DIRECTLY OR SUPPORTED TO THE UNDERSIDE OF THE STRUCTURAL FLOOR SLAB ABOVE, SO AS NOT TO BE FREELY SUSPENDED, DUE TO THE CEILING DEMOLITION WORK. PROVIDE NEW PERMANENT RACEWAY AND WIRING WHERE REQUIRED AND PAINT ALL ASSOCIATED JUNCTION BOXES FIRE HOUSE "RED" (OR COLOR AS SELECTED BY THE BUILDING ENGINEER) WITH BLACK COLOR CIRCUIT LABELING ON THE COVER AND INSIDE OF THE BOX. UPON COMPLETION OF THE DEMOLITION WORK THE NEW WORK CONTRACTOR SHALL INSTALL THE REPLACEMENT EXIT SIGN FIXTURES IN AREAS WHERE NOTED ABOVE.
- ALL EXISTING LIGHT FIXTURES AND ASSOCIATED CONTROLS LOCATED WITHIN BUILDING CORE AREAS (E. ELECTRICAL ROOMS, COMED VAULTS, TELEPHONE COMMUNICATIONS CLOSETS, JANITOR'S CLOSETS, STAIRWELLS, STORAGE CLOSETS, ETC...) SHALL REMAIN IN GOOD OPERATING CONDITION. CONTRACTOR SHALL FIELD VERIFY THAT ALL EXISTING LIGHT FIXTURES AND CONTROLS ARE OPERATIONAL AND IN GOOD CONDITION PRIOR TO THE START OF DEMOLITION WORK. SUBMIT WRITTEN CONFIRMATION TO THE BUILDING OWNER'S REPRESENTATIVE (B.O.R.) THAT THE FIELD SURVEY AND ANY OUTSTANDING INOPERATIVE CONDITIONS HAVE BEEN REPORTED.
- ALL DEMOLITION WORK SHALL NOT LEAVE ADJACENT BUILDING FLOORS ABOVE OR BELOW, BUILDING CORE AND TENANT OCCUPIED AREAS WITHOUT EXISTING GENERAL LIGHTING, POWER, COMMUNICATIONS, SWITCH CONTROLS, EMERGENCY LIGHTING, AND EXIT SIGNAGE FIXTURES IN GOOD OPERATING CONDITION. CONTRACTOR SHALL COORDINATE WITH THE "PHASING" PLANS TO ISOLATE EQUIPMENT CIRCUITRY AND/OR CABLE TO MAINTAIN THE ABOVE SYSTEMS IN GOOD OPERATING CONDITION. PROVIDE ALL NECESSARY NEW WIRING, RACEWAYS, AND FIXTURES/DEVICES TO COMPLY WITH THE ABOVE.
- ALL EXISTING LIGHT FIXTURE RACEWAYS, MODIFICATIONS AND REWORK SHALL BE PROVIDED WITH PLENUM APPROVED JUNCTION BOXES, FITTINGS, CONNECTORS, JUNCTION BOX COVERPLATES, ETC. IN ORDER TO COMPLY WITH LOCAL CODE. THE CONTRACTOR SHALL FIELD VERIFY EXACT FIELD CONDITIONS VIA A WALK THRU OF THE SITE PRIOR TO THE ISSUANCE OF BIDS.
- THE CONTRACTOR SHALL CONTACT THE B.O.R. AND REVIEW EACH AREA IF THERE ARE ANY SALVAGEABLE LIGHT FIXTURES OR DEVICES THAT MUST BE RETURNED TO THE BUILDING. IF SO, THE CONTRACTOR SHALL PACKAGE OR PLACE ON PALLETS THE FIXTURES AND DELIVER THEM TO THE STORAGE AREA AS DETERMINED BY THE B.O.R.
- ALL EXISTING LIGHT FIXTURES THAT CONTAIN BALLASTS WITH PCB'S AND ANY AND ALL ENVIRONMENTALLY HARMFUL COMPONENTS SHALL BE PROPERLY DISPOSED OF AS PER LOCAL ENVIRONMENTAL & ELECTRICAL CODE, STATE, AND EPA FEDERAL REGULATIONS. INCLUDE ALL DISPOSAL CHARGES, SPECIAL DISPOSAL CONTAINERS, RECYCLE COSTS/CHARGES, INSPECTIONS, FEES AND ENVIRONMENTAL COSTS FOR PROPER DISPOSAL. THIS REQUIREMENT ALSO APPLIES TO ALL FLUORESCENT LAMPS THAT CONTAIN ENVIRONMENTALLY HARMFUL COMPONENTS, ELEMENTS AND SHALL BE RECYCLED AS PER UNIVERSAL WASTE GUIDELINES.

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PROJECT  
**METROPOLITAN HOSPITAL**  
 7TH FLOOR CALL CENTER  
 1901 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

DRAWING  
**SEVENTH FLOOR**  
 ELECTRICAL DEMOLITION  
 LIGHTING PLAN I

DATE	BY
Aug 27, 2021	
26.0038	
<b>DM-503.00</b>	
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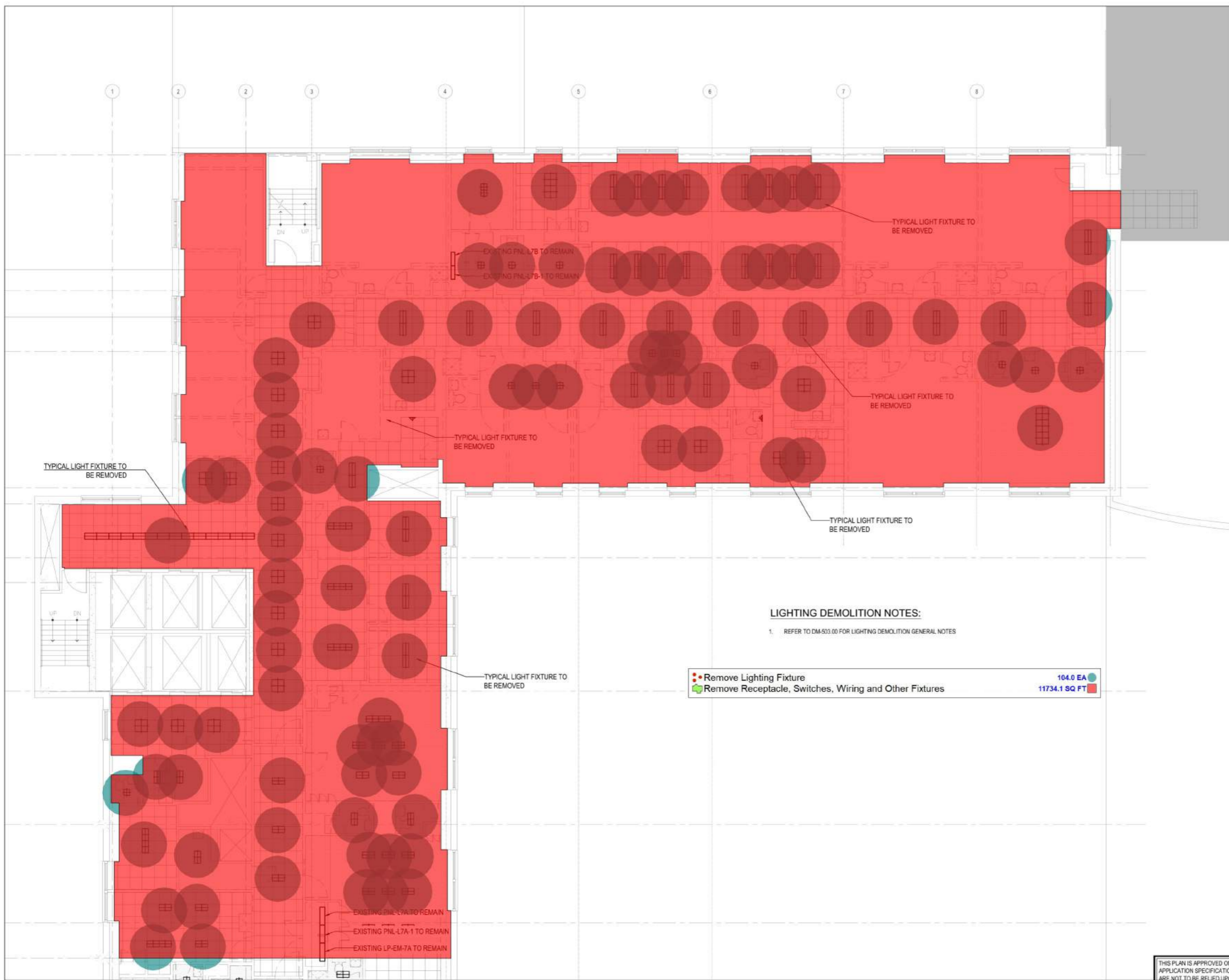
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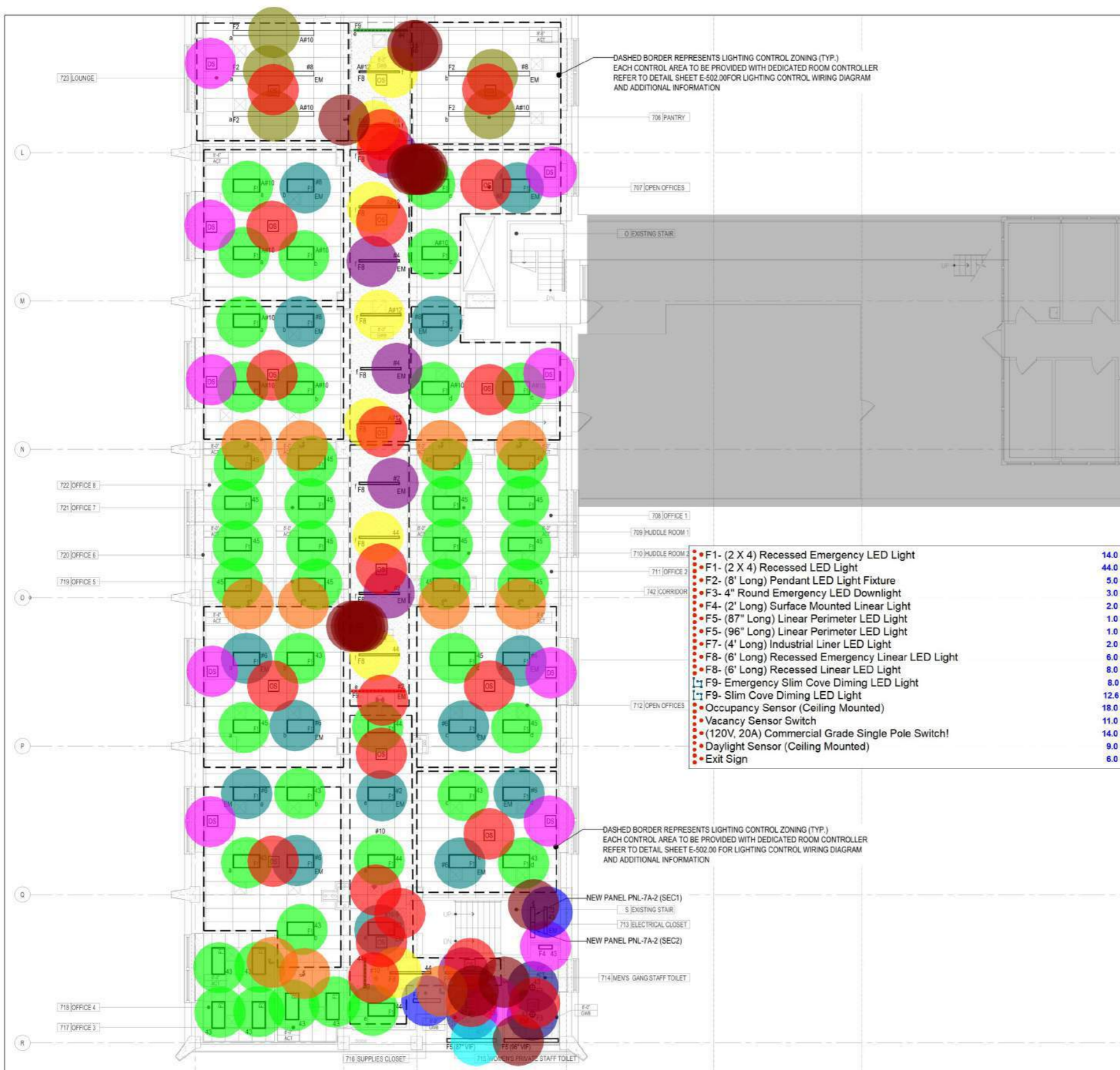
DRAWING  
 SEVENTH FLOOR  
 ELECTRICAL DEMOLITION  
 LIGHTING PLAN II

DATE	DESCRIPTION
Aug 27, 2021	DATE
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DM-504.00	DWG NO
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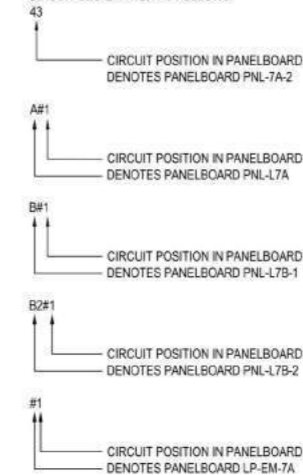


**LIGHTING GENERAL NOTES**

- REFER TO DRAWING E-001 & E-002 FOR GENERAL NOTES & SYMBOL LIST & LIGHTING FIXTURE SCHEDULE. FOR FULL LIGHT FIXTURE SPECIFICATIONS REFER TO ARCHITECTURAL DRAWINGS
- REFER TO ARCHITECTURAL LIGHTING SPECIFICATION FOR DETAILED FIXTURE INFORMATION.
- REFER TO E-501.00 FOR LIGHTING CONTROLS WIRING DIAGRAM AND ADDITIONAL INFORMATION
- ALL HOMERUNS SHALL BE INSTALLED IN CONDUIT THROUGHOUT.
- ALL EMERGENCY (EM) AND EMLN LIGHT FIXTURES IN PROJECT SHALL BE CONNECTED TO EMERGENCY PANEL LP-EM-7A
- ALL SINGLE FACE AND DOUBLE FACE EXIT SIGNS SHALL BE PROVIDED WITH MYLAR BACKING. ALL EXIT SIGNS SHALL BE PROVIDED WITH EMERGENCY BATTERY BALLAST.
- ALL OPEN AREA LIGHTING CIRCUITS SHALL BE CONTROL BY CEILING MOUNTED OCCUPANCY SENSORS AND DAYLIGHT HARVESTING SENSORS. CIRCUITS CONTROLLING FIXTURES WITH OCCUPANCY SENSORS SHALL BE CONNECTED DIRECT TO LIGHTING PANELS.
- ALL PRIVATE OFFICES AND ENCLOSED ROOMS SHALL BE PROVIDED WITH A WALL MOUNTED WIRELESS OCCUPANCY SENSOR. COORDINATE WITH ARCHITECT FOR EXACT SWITCH LOCATION.
- INFRARED COMPONENT OF ALL CEILING MOUNTED SENSORS SHALL BE MASKED TO AVOID NUISANCE TRIPPING IN PRIVATE OFFICES. FINAL LOCATION OF ALL SENSORS SHOULD BE DETERMINED IN FIELD WITH CONTROLS REPRESENTATIVE AND BE LOCATED IN ORDER TO MAXIMIZE VISIBILITY OF ROOM OR AREA AND FUNCTIONALITY OF SENSOR(S).
- PROVIDE QUANTITY OF SWITCHPACKS AS REQUIRED. CONNECTED TO ONE SENSOR FOR LIGHTING IN ROOM(S) THAT CONTAIN MULTIPLE SWITCHING LEVELS. SENSOR SHALL CONTROL ALL FIXTURES IN ROOM(S).
- CONTRACTOR SHALL COMPLY WITH WIRING REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, TABLE 310.15(B)(2)(4) FOR ADJUSTMENT FACTORS ASSOCIATED WITH MORE THAN THREE CURRENT CARRYING CONDUCTORS IN A RACEWAY. UTILIZE #10 AWG, SOLID CONDUCTORS, FOR ALL HOMERUNS CONTAINING 4 OR MORE CURRENT CARRYING CONDUCTORS.
- CONTRACTOR SHALL LIMIT MAXIMUM CURRENT CARRYING CONDUCTORS TO 9 PER CONDUIT. NEUTRAL CONDUCTORS UTILIZED IN 120V SINGLE PHASE CIRCUITS AND SHARED BETWEEN TWO (2) 120V, SINGLE PHASE CIRCUITS ARE DEFINED AS CURRENT CARRYING.

**CIRCUITING ABBREVIATIONS:**

CIRCUIT DESIGNATION AS FOLLOWS:



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2	ISSUED FOR 100% DD	08.27.21
1	ISSUED FOR SD/PRICING	04.30.21



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PROJECT  
METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER  
191 FIRST AVENUE  
NEW YORK, NEW YORK 10029  
BLOCK: 1669 LOT: 1

DRAWING  
SEVENTH FLOOR  
ELECTRICAL LIGHTING  
PLAN I

DATE	BY
Aug 27, 2021	
26.0038	
<b>E-100.00</b>	
DRWING BY	# of #

NYC DOB Number  
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**Metropolitan**  
 METROPOLITAN HOSPITAL  
 7TH FLOOR CALL CENTER

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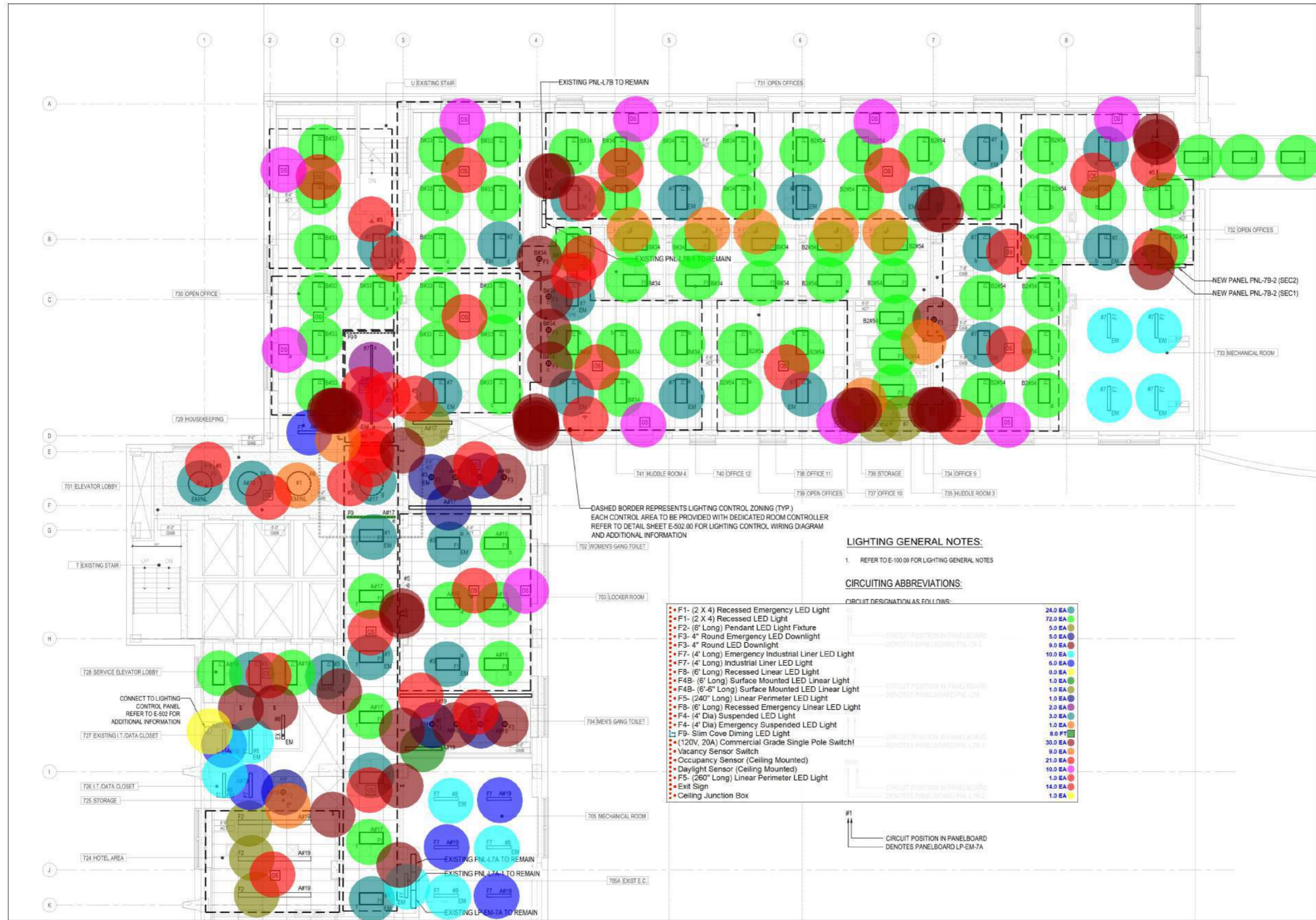
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DRAWING  
**SEVENTH FLOOR**  
 ELECTRICAL LIGHTING  
 PLAN II

DATE	DESCRIPTION
Aug 27, 2021	DATE
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<b>E-101.00</b>	DWG NO
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DASHED BORDER REPRESENTS LIGHTING CONTROL ZONING (TYP.)  
 EACH CONTROL AREA TO BE PROVIDED WITH DEDICATED ROOM CONTROLLER  
 REFER TO DETAIL SHEET E-502.00 FOR LIGHTING CONTROL WIRING DIAGRAM  
 AND ADDITIONAL INFORMATION

**LIGHTING GENERAL NOTES:**

- REFER TO E-100.00 FOR LIGHTING GENERAL NOTES

**CIRCUITING ABBREVIATIONS:**

CIRCUIT DESIGNATION AS FOLLOWS:

- F1- (2 X 4) Recessed Emergency LED Light
- F1- (2 X 4) Recessed LED Light
- F2- (6' Long) Pendant LED Light Fixture
- F3- 4" Round Emergency LED Downlight
- F3- 4" Round LED Downlight
- F7- (4' Long) Emergency Industrial Liner LED Light
- F7- (4' Long) Industrial Liner LED Light
- F8- (6' Long) Recessed Linear LED Light
- F4B- (6' Long) Surface Mounted LED Linear Light
- F4B- (6'-6" Long) Surface Mounted LED Linear Light
- F5- (240" Long) Linear Perimeter LED Light
- F8- (6' Long) Recessed Emergency Linear LED Light
- F4- (4' Dia) Suspended LED Light
- F4- (4' Dia) Emergency Suspended LED Light
- F9- Slim Cove Dimming LED Light
- (120V, 20A) Commercial Grade Single Pole Switch!
- Vacancy Sensor Switch
- Occupancy Sensor (Ceiling Mounted)
- Daylight Sensor (Ceiling Mounted)
- F5- (260" Long) Linear Perimeter LED Light
- Exit Sign
- Ceiling Junction Box

- 24.0 EA
- 72.0 EA
- 5.0 EA
- 5.0 EA
- 9.0 EA
- 10.0 EA
- 6.0 EA
- 0.0 EA
- 1.0 EA
- 1.0 EA
- 2.0 EA
- 3.0 EA
- 1.0 EA
- 9.0 FT
- 30.0 EA
- 9.0 EA
- 21.0 EA
- 10.0 EA
- 14.0 EA
- 1.0 EA

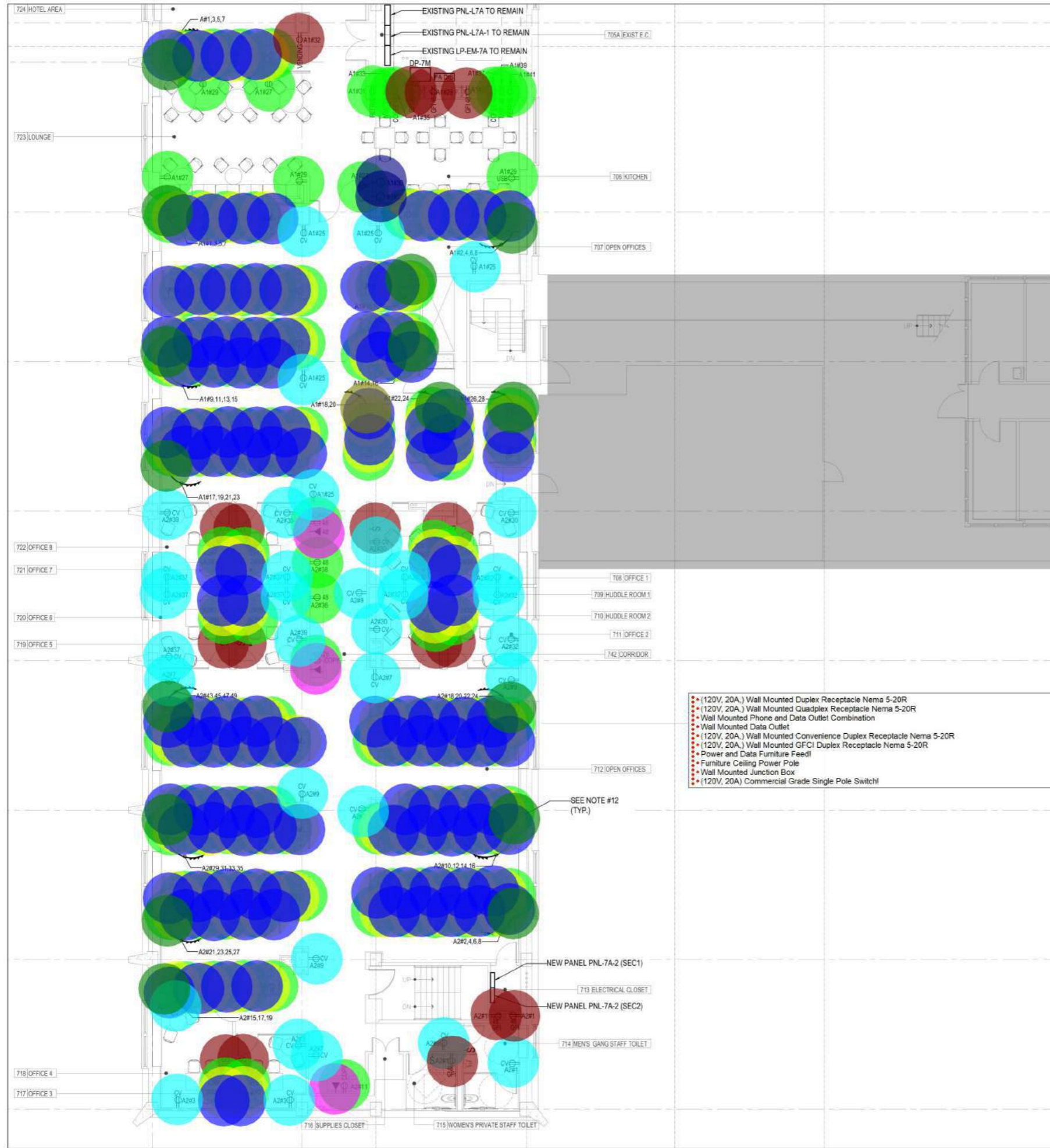
CIRCUIT POSITION IN PANELBOARD  
 DENOTES PANELBOARD PNL-7B-1

CIRCUIT POSITION IN PANELBOARD  
 DENOTES PANELBOARD PNL-7B-2

CIRCUIT POSITION IN PANELBOARD  
 DENOTES PANELBOARD PNL-7B-3

CIRCUIT POSITION IN PANELBOARD  
 DENOTES PANELBOARD LP-EM-7A

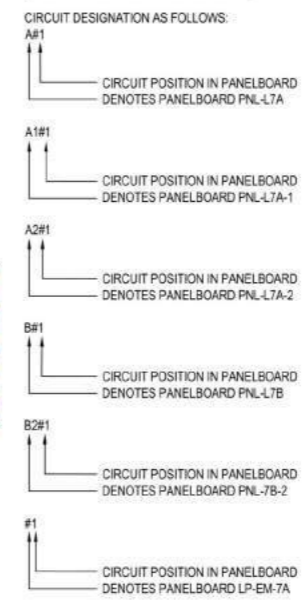
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**POWER GENERAL NOTES**

- REFER TO DRAWING E-201 FOR GENERAL NOTES, SYMBOL LIST & ABBREVIATIONS
- ALL CIRCUITRY SHALL BE INSTALLED IN EMT. FLEXIBLE METALLIC CONDUIT MAY BE USED AS PER SPECIFICATIONS.
- ALL MULTIPLE CIRCUIT HOMERUNS SHALL BE PROVIDED WITH #10 AWG NEUTRAL CONDUCTORS.
- OFFICE RECEPTACLES INDICATED AS BACK TO BACK, SHALL BE STACKED. PROVIDE SEPARATE CONDUITS, STUBBED INTO CEILING FOR TEL-DATA CABLING.
- ALL PANTRY RECEPTACLES SHALL BE GFI TYPE.
- VENDING MACHINES AND DRINKING FOUNTAINS (NOT BOTTLED WATER COOLERS) SHALL BE EQUIPPED WITH CLASS A GFCI RECEPTACLES AS PER SEC. 422.51 AND 422.52 NYC EC.
- RECEPTACLES GANGED TOGETHER SHALL BE MOUNTED UNDER SINGLE WHITE COVERPLATE.
- COORDINATE EXACT LOCATION OF OFFICE RECEPTACLES WITH ARCHITECT AND FURNITURE VENDOR. AREA FOR RECEPTACLE PLACEMENT IS EXTREMELY LIMITED AND OFFICE WALL FRAMING MUST BE COORDINATED WITH RECEPTACLE LOCATIONS. SCALING OF ENGINEERING DOCUMENTS FOR LOCATIONS OF DEVICES SHALL NOT BE PERMITTED.
- REVIEW ARCHITECTURAL ELEVATIONS FOR ALL RECEPTACLE LOCATIONS AND UNDERCABINET LIGHT FIXTURES IN PANTRIES AND ALL EQUIPMENT COUNTERS. UNDERCABINET LIGHT FIXTURES SHALL BE CONNECTED TO LOCAL CONVENIENCE CIRCUIT IN ROOM UNLESS OTHERWISE NOTED. UNDERCABINET LIGHT FIXTURE SHALL BE CONTROLLED VIA WALL MOUNTED ULTRASONIC OCCUPANCY SENSOR SET FOR MANUAL ON, AUTOMATIC OFF OPERATION.
- CONTRACTOR SHALL CIRCUIT MAXIMUM OF FOUR (4) DOUBLE DUPLEX RECEPTACLES DEDICATED FOR 'PC'S' TO ONE CIRCUIT AND MAXIMUM OF SIX TO EIGHT (8) DOUBLE DUPLEX RECEPTACLES FOR CONVENIENCE TO ONE CIRCUIT.
- ALL APPLIANCE RECEPTACLES SHALL BE ON DEDICATED CIRCUITS. ONE (1) RECEPTACLE PER CIRCUIT.
- ALL FURNITURE SYSTEMS SHALL BE:
  - CIRCUITRY BASED ON 2+3 FURNITURE SYSTEM WIRING HARNESS
  - CONTRACTOR IS TO COORDINATE INSTALLATION WITH FURNITURE SYSTEM SHOP DRAWINGS
  - CONTRACTOR TO PROVIDE 2" E.C FOR DATA CONNECTION
- ALL COPIERS SHALL BE ON A DEDICATED CIRCUIT. PROVIDE #10-3/4"C.

**CIRCUITING ABBREVIATIONS:**



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PROJECT  
**METROPOLITAN HOSPITAL**  
7TH FLOOR CALL CENTER  
1901 FIRST AVENUE  
NEW YORK, NEW YORK 10029  
BLOCK: 1669 LOT: 1

DRAWING  
**SEVENTH FLOOR**  
**ELECTRICAL POWER**  
**PLAN I**

DATE	BY
Aug 27, 2021	
26.0038	
<b>E-201.00</b>	
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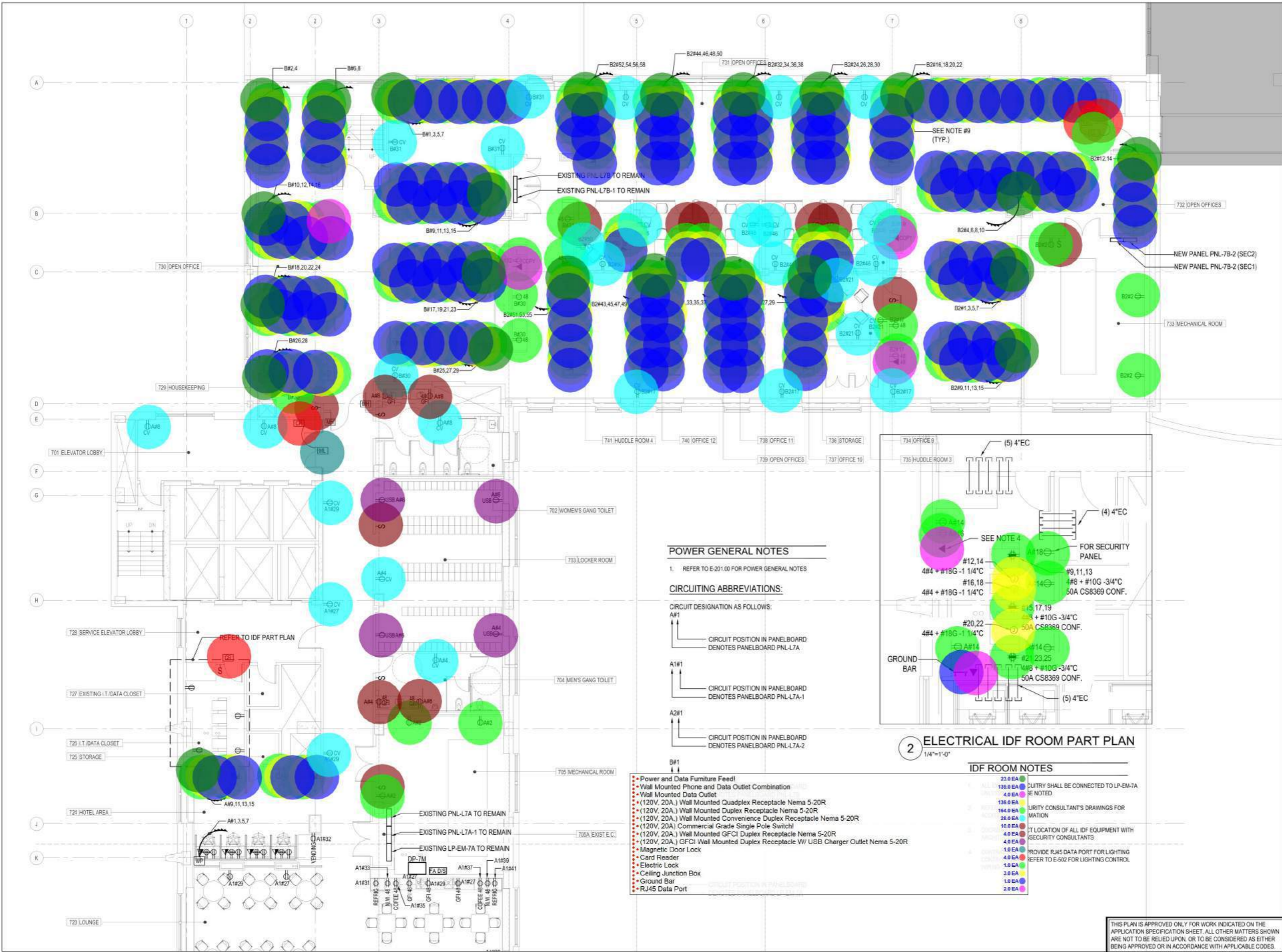
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**ELECTRICAL POWER**  
**PLAN II**

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**POWER GENERAL NOTES**

1. REFER TO E-201.00 FOR POWER GENERAL NOTES

**CIRCUITING ABBREVIATIONS:**

CIRCUIT DESIGNATION AS FOLLOWS:  
 A#1  
 → CIRCUIT POSITION IN PANELBOARD DENOTES PANELBOARD PNL-L7A  
 A1#1  
 → CIRCUIT POSITION IN PANELBOARD DENOTES PANELBOARD PNL-L7A-1  
 A2#1  
 → CIRCUIT POSITION IN PANELBOARD DENOTES PANELBOARD PNL-L7A-2

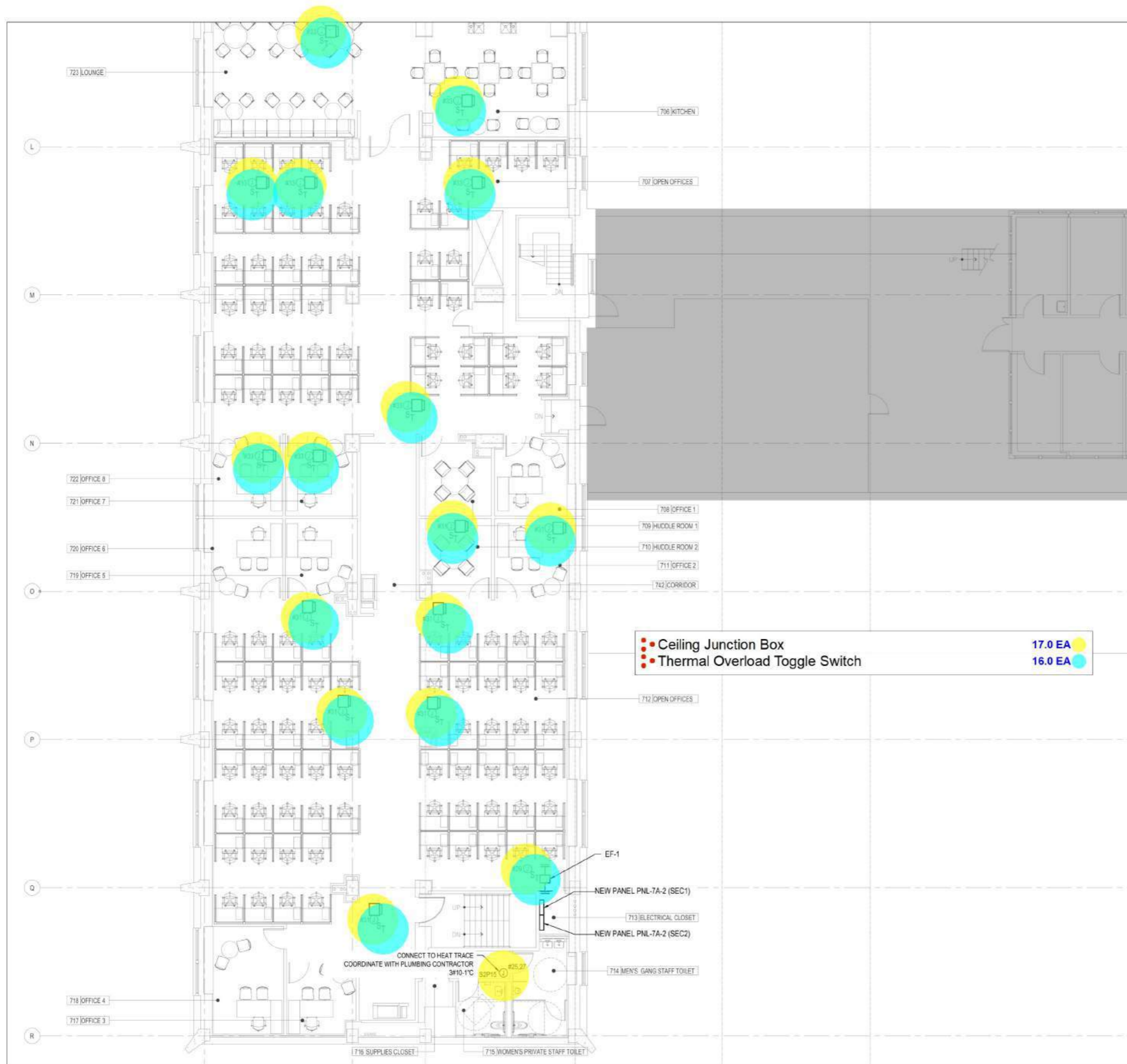
**2 ELECTRICAL IDF ROOM PART PLAN**  
 1/4"=1'-0"

**IDF ROOM NOTES**

- Power and Data Furniture Feed!
- Wall Mounted Phone and Data Outlet Combination
- Wall Mounted Data Outlet
- (120V, 20A) Wall Mounted Quadplex Receptacle Nema 5-20R
- (120V, 20A) Wall Mounted Duplex Receptacle Nema 5-20R
- (120V, 20A) Wall Mounted Convenience Duplex Receptacle Nema 5-20R
- (120V, 20A) Commercial Grade Single Pole Switch!
- (120V, 20A) Wall Mounted GFCI Duplex Receptacle Nema 5-20R
- (120V, 20A) GFCI Wall Mounted Duplex Receptacle W/ USB Charger Outlet Nema 5-20R
- Magnetic Door Lock
- Card Reader
- Electric Lock
- Ceiling Junction Box
- Ground Bar
- RJ45 Data Port

- 23.0 EA
- 139.0 EA
- 4.0 EA
- 139.0 EA
- 164.0 EA
- 28.0 EA
- 10.0 EA
- 4.0 EA
- 1.0 EA
- 4.0 EA
- 1.0 EA
- 3.0 EA
- 1.0 EA
- 2.0 EA

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**HVAC POWER NOTES**

- FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT, REFER TO HVAC DRAWINGS.
- REFER TO E-300 FOR POWER RISER DIAGRAM AND ADDITIONAL INFORMATION.
- ALL MECHANICAL EQUIPMENT SHALL BE CONNECTED TO MECHANICAL PANEL "DIP-TM" UNLESS OTHERWISE NOTED.
- ALL MECHANICAL EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE HVAC CONTRACTOR. WIRED BY THE ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL WIRE MECHANICAL EQUIPMENT AS PER AN APPROVED MANUFACTURERS WIRING DIAGRAM. ALL CONTROL WIRING SHALL BE BY THE HVAC CONTRACTOR.
- ALL MECHANICAL EQUIPMENT SHALL BE FURNISHED WITH INTEGRAL DISCONNECT SWITCH BY THE HVAC CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- CONTRACTOR SHALL PROVIDE DISCONNECT SWITCHES FOR ALL MECHANICAL EQUIPMENT THAT IS NOT FACTORY SUPPLIED UNLESS OTHERWISE NOTED ON MECHANICAL DRAWINGS. CONTRACTOR SHALL COORDINATE SIZE WITH MECHANICAL EQUIPMENT SPECIFICATIONS AND MECHANICAL CONTRACTOR.
- REQUIRED SERVICE CLEARANCE FOR MECHANICAL EQUIPMENT (TYP).

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PROJECT  
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 BLOCK: 1669 LOT: 1

DRAWING  
**SEVENTH FLOOR**  
 ELECTRICAL HVAC  
 POWER PLAN I

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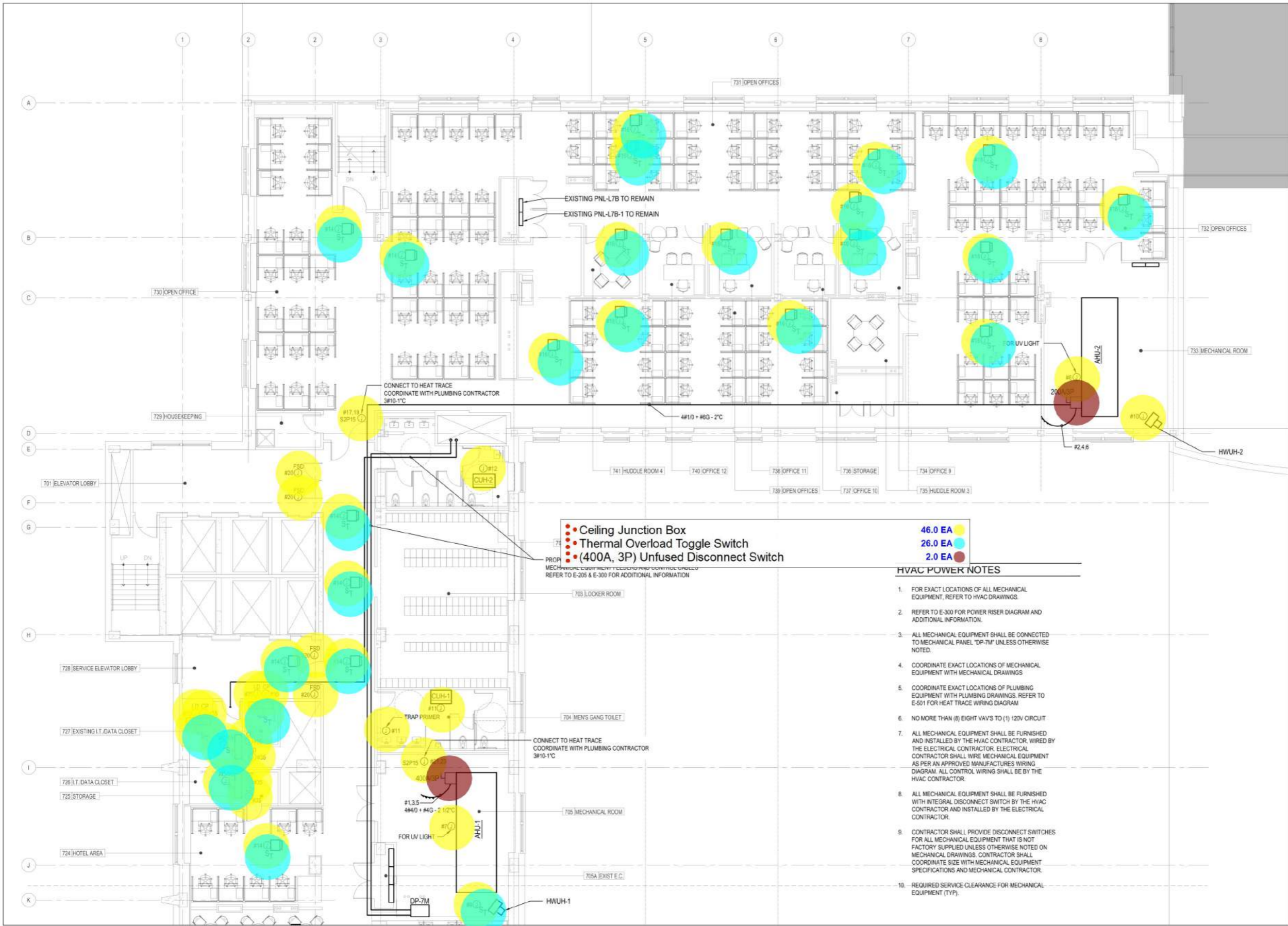
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SEVENTH FLOOR  
ELECTRICAL HVAC  
POWER PLAN II

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- Ceiling Junction Box
  - Thermal Overload Toggle Switch
  - (400A, 3P) Unfused Disconnect Switch
- PROCP  
MECHANICAL EQUIPMENT LOCATIONS AND CONTROL WIRING  
REFER TO E-205 & E-300 FOR ADDITIONAL INFORMATION

- 46.0 EA
- 26.0 EA
- 2.0 EA

**HVAC POWER NOTES**

1. FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT, REFER TO HVAC DRAWINGS.
2. REFER TO E-300 FOR POWER RISER DIAGRAM AND ADDITIONAL INFORMATION.
3. ALL MECHANICAL EQUIPMENT SHALL BE CONNECTED TO MECHANICAL PANEL "DP-7M" UNLESS OTHERWISE NOTED.
4. COORDINATE EXACT LOCATIONS OF MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS.
5. COORDINATE EXACT LOCATIONS OF PLUMBING EQUIPMENT WITH PLUMBING DRAWINGS. REFER TO E-501 FOR HEAT TRACE WIRING DIAGRAM.
6. NO MORE THAN (8) EIGHT VAVS TO (1) 120V CIRCUIT.
7. ALL MECHANICAL EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE HVAC CONTRACTOR. WIRED BY THE ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL WIRE MECHANICAL EQUIPMENT AS PER AN APPROVED MANUFACTURER'S WIRING DIAGRAM. ALL CONTROL WIRING SHALL BE BY THE HVAC CONTRACTOR.
8. ALL MECHANICAL EQUIPMENT SHALL BE FURNISHED WITH INTEGRAL DISCONNECT SWITCH BY THE HVAC CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
9. CONTRACTOR SHALL PROVIDE DISCONNECT SWITCHES FOR ALL MECHANICAL EQUIPMENT THAT IS NOT FACTORY SUPPLIED UNLESS OTHERWISE NOTED ON MECHANICAL DRAWINGS. CONTRACTOR SHALL COORDINATE SIZE WITH MECHANICAL EQUIPMENT SPECIFICATIONS AND MECHANICAL CONTRACTOR.
10. REQUIRED SERVICE CLEARANCE FOR MECHANICAL EQUIPMENT (TYP).

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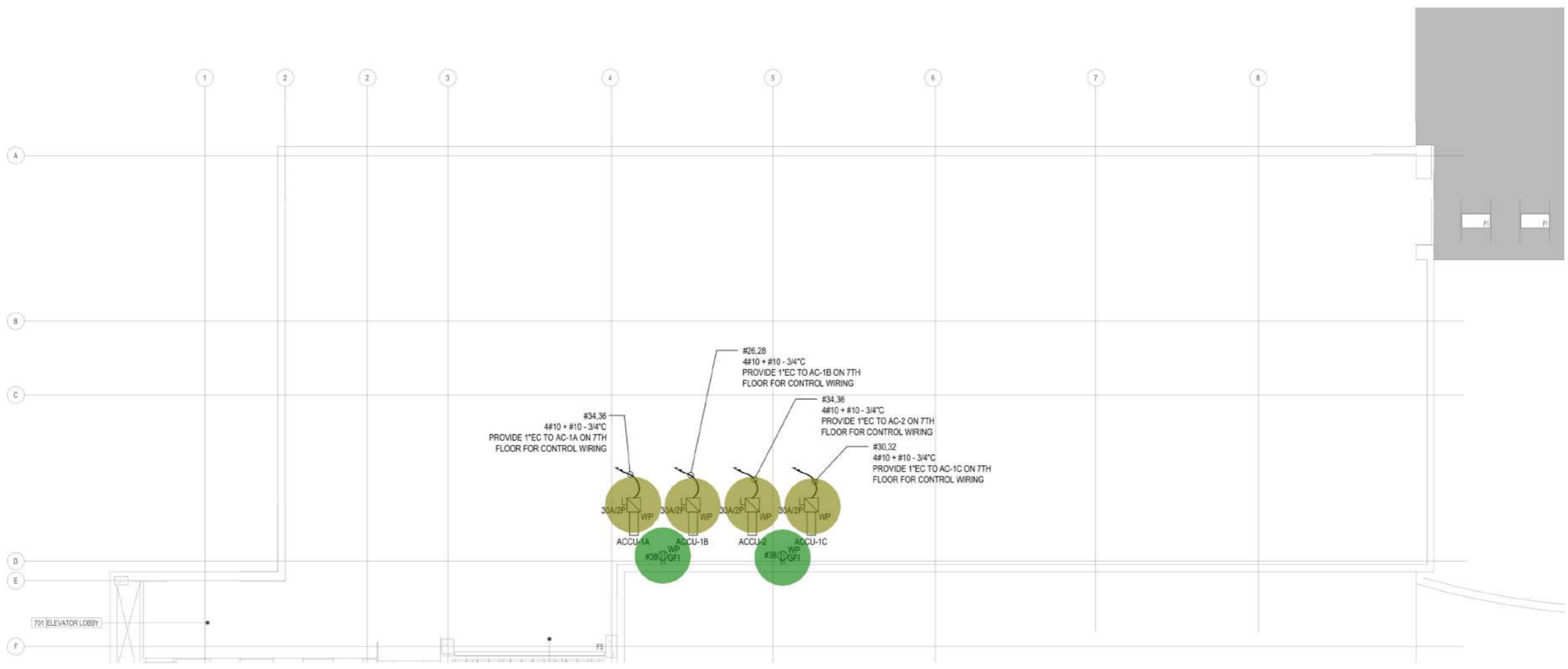
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DRAWING  
**ELECTRICAL ROOF  
HVAC POWER PLAN**

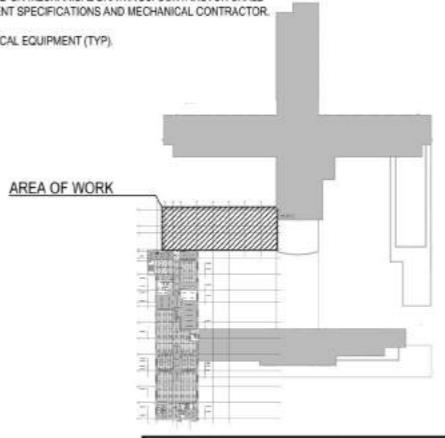
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**HVAC POWER NOTES**

1. REFER TO E-001.00 FOR GENERAL NOTES, SYMBOLS & ABBREVIATIONS
2. REFER TO E-300.00 FOR RISER DIAGRAM AND ADDITIONAL POWER REQUIREMENTS
3. ALL CIRCUITRY WILL BE CONNECTED TO ELECTRICAL PANEL DP-7M IN 7TH FLOOR MECHANICAL ROOM
4. FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT, REFER TO HVAC DRAWINGS.
5. ALL MECHANICAL EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE HVAC CONTRACTOR, WIRED BY THE ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL WIRE MECHANICAL EQUIPMENT AS PER AN APPROVED MANUFACTURERS WIRING DIAGRAM. ALL CONTROL WIRING SHALL BE BY THE HVAC CONTRACTOR.
6. ALL MECHANICAL EQUIPMENT SHALL BE FURNISHED WITH INTEGRAL DISCONNECT SWITCH BY THE HVAC CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
7. CONTRACTOR SHALL PROVIDE DISCONNECT SWITCHES FOR ALL MECHANICAL EQUIPMENT THAT IS NOT FACTORY SUPPLIED UNLESS OTHERWISE NOTED ON MECHANICAL DRAWINGS. CONTRACTOR SHALL COORDINATE SIZE WITH MECHANICAL EQUIPMENT SPECIFICATIONS AND MECHANICAL CONTRACTOR.
8. REQUIRED SERVICE CLEARANCE FOR MECHANICAL EQUIPMENT (TYP).



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

EXISTING PANEL: PNL-L7A										
208Y/120, 3 PHASE, 4 WIRE		MOUNTING:		MAIN BREAKER:		200 A		NEUTRAL: 100%		
225A	BUS RATING:	SURFACE	X	MAIN LUGS ONLY		GROUND BUS:	X	ISOLATED GROUND BUS:		
22K	A.I.C. SYM	FLUSH		SHUNT TRIP MAIN		FEED THRU LUG				
CKT No.	LOAD	TRIP (AMP)	KVA / PHASE (A B C)	TRIP (AMP)	LOAD	CKT No.				
1	FURNITURE SYSTEM	20/1	1.08	20/1	CONVENIENCE RECEPTACLES	2				
3	FURNITURE SYSTEM	20/1	1.08	20/1	CONVENIENCE RECEPTACLES	4				
5	FURNITURE SYSTEM	20/1	1.08	20/1	CONVENIENCE RECEPTACLES	6				
7	FURNITURE SYSTEM	20/1	1.26	20/1	CONVENIENCE RECEPTACLES	8				
9	FURNITURE SYSTEM	20/1	0.76	20/1	LIGHTING	10				
11	FURNITURE SYSTEM	20/1	0.66	20/1	CORRIDOR LIGHTING	12				
13	FURNITURE SYSTEM	20/1	1.08	20/1	CONVENIENCE RECEPTACLES	14				
15	FURNITURE SYSTEM	20/1	0.61	20/1	BMS PANEL	16				
17	CORRIDOR LIGHTING	20/1	1.00	20/1	SECURITY PANEL	18				
19	LIGHTING	20/1	0.50	20/1	SPARE	20				
21	LIGHTING CONTROL PANEL	20/1	0.50	20/1	SPARE	22				
23	SPARE	20/1	0.00	20/1	SPARE	24				
25	SPARE	20/1	0.00	20/1	SPARE	26				
27	SPARE	20/1	0.00	20/1	SPARE	28				
29	SPARE	20/1	0.00	20/1	SPARE	30				
SUBTOTALS			3.92	2.95	2.74	SUBTOTALS				
TOTAL LOADS		3.9	KVA PHASE A		LIGHTING:	1.70	KVA			
		3.0	KVA PHASE B		RECEPTACLE:	7.41	KVA			
		2.7	KVA PHASE C		APPLIANCE:	0.00	KVA			
FEED THRU LOAD		KVA	0.0	A	MOTOR:	0.00	KVA			
CONNECTED LOAD		9.6	KVA	27.0	A	EQUIPMENT:	0.50	KVA		
DEMAND LOAD		9.6	KVA	27.0	A	TOTAL:	9.61	KVA		
TOTAL LOAD:		9.6	KVA	27.0	A					

EXISTING PANEL: PNL-L7A-1										
208Y/120, 3 PHASE, 4 WIRE		MOUNTING:		MAIN BREAKER:		A		NEUTRAL: 100%		
225A	BUS RATING:	SURFACE	X	MAIN LUGS ONLY		GROUND BUS:	X	ISOLATED GROUND BUS:		
22K	A.I.C. SYM	FLUSH		SHUNT TRIP MAIN		FEED THRU LUG				
CKT No.	LOAD	TRIP (AMP)	KVA / PHASE (A B C)	TRIP (AMP)	LOAD	CKT No.				
1	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	2				
3	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	4				
5	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	6				
7	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	8				
9	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	10				
11	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	12				
13	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	14				
15	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	16				
17	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	18				
19	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	20				
21	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	22				
23	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	24				
25	CONVENIENCE RECEPTACLES	20/1	1.80	20/1	FURNITURE SYSTEM	26				
27	CONVENIENCE RECEPTACLES	20/1	1.98	20/1	FURNITURE SYSTEM	28				
29	CONVENIENCE RECEPTACLES	20/1	1.58	20/1	WATER DISPENSER	30				
31	REFRIGERATOR	20/1	1.50	20/1	VENDING MACHINE	32				
33	MICROWAVE	20/1	1.20	20/1	SPARE	34				
35	COFFEE MAKER	20/1	1.00	20/1	SPARE	36				
37	COFFEE MAKER	20/1	12.82	20/1	SPARE	38				
39	MICROWAVE	20/1	12.54	100/3	PNL 7A-2 SEE NOTE 1	40				
41	REFRIGERATOR	20/1	11.78	20/1	SPARE	42				
SUBTOTALS			29.62	29.22	27.86	SUBTOTALS				
TOTAL LOADS		29.6	KVA PHASE A		LIGHTING:	0.00	KVA			
		29.2	KVA PHASE B		RECEPTACLE:	86.90	KVA			
		27.9	KVA PHASE C		APPLIANCE:	6.90	KVA			
FEED THRU LOAD		KVA	0.0	A	MOTOR:	0.00	KVA			
CONNECTED LOAD		86.7	KVA	188.0	A	EQUIPMENT:	0.00	KVA		
DEMAND LOAD		39.9	KVA	111.0	A	TOTAL:	87.80	KVA		
TOTAL LOAD:		39.9	KVA	111.0	A					

NEW PANEL: PNL-7A-2 (SEC1)										
208Y/120, 3 PHASE, 4 WIRE		MOUNTING:		MAIN BREAKER:		100 A		NEUTRAL: 100%		
100A	BUS RATING:	SURFACE	X	MAIN LUGS ONLY		GROUND BUS:	X	ISOLATED GROUND BUS:		
22K	A.I.C. SYM	FLUSH		SHUNT TRIP MAIN		FEED THRU LUG				
CKT No.	LOAD	TRIP (AMP)	KVA / PHASE (A B C)	TRIP (AMP)	LOAD	CKT No.				
1	CONVENIENCE RECEPTACLES	20/1	1.62	20/1	FURNITURE SYSTEM	2				
3	CONVENIENCE RECEPTACLES	20/1	1.98	20/1	FURNITURE SYSTEM	4				
5	PC RECEPTACLES	20/1	1.62	20/1	FURNITURE SYSTEM	6				
7	CONVENIENCE RECEPTACLES	20/1	1.62	20/1	FURNITURE SYSTEM	8				
9	CONVENIENCE RECEPTACLES	20/1	1.80	20/1	FURNITURE SYSTEM	10				
11	COOPER	20/1	2.10	20/1	FURNITURE SYSTEM	12				
13	SPARE FOR COOPER	20/1	0.00	20/1	FURNITURE SYSTEM	14				
15	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	16				
17	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	18				
19	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	20				
21	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	22				
23	FURNITURE SYSTEM	20/1	1.80	20/1	FURNITURE SYSTEM	24				
25	FURNITURE SYSTEM	20/1	2.10	20/1	COOPER	26				
27	FURNITURE SYSTEM	20/1	0.90	20/1	SPARE FOR COOPER	28				
29	FURNITURE SYSTEM	20/1	2.34	20/1	CONVENIENCE RECEPTACLES	30				
31	FURNITURE SYSTEM	20/1	2.34	20/1	CONVENIENCE RECEPTACLES	32				
33	FURNITURE SYSTEM	20/1	1.62	20/1	PC RECEPTACLES	34				
35	FURNITURE SYSTEM	20/1	0.90	20/1	SPARE	36				
37	CONVENIENCE RECEPTACLES	20/1	1.44	20/1	SPARE	38				
39	CONVENIENCE RECEPTACLES	20/1	1.44	20/1	SPARE	40				
41	PC RECEPTACLES	20/1	0.72	20/1	SPARE	42				
SUBTOTALS			11.82	11.34	11.28	SUBTOTALS				
TOTAL LOADS		11.8	KVA PHASE A		LIGHTING:	0.00	KVA			
		11.3	KVA PHASE B		RECEPTACLE:	32.04	KVA			
		11.3	KVA PHASE C		APPLIANCE:	0.00	KVA			
FEED THRU LOAD		3.0	KVA	8.0	A	MOTOR:	0.00	KVA		
CONNECTED LOAD		37.4	KVA	104.0	A	EQUIPMENT:	2.40	KVA		
DEMAND LOAD		23.4	KVA	65.0	A	TOTAL:	34.44	KVA		
TOTAL LOAD:		26.4	KVA	73.0	A					

NEW PANEL: PNL-7A-2 (SEC2)										
208Y/120, 3 PHASE, 4 WIRE		MOUNTING:		MAIN BREAKER:		100 A		NEUTRAL: 100%		
100A	BUS RATING:	SURFACE	X	MAIN LUGS ONLY		GROUND BUS:	X	ISOLATED GROUND BUS:		
14K	A.I.C. SYM	FLUSH		SHUNT TRIP MAIN		FEED THRU LUG				
CKT No.	LOAD	TRIP (AMP)	KVA / PHASE (A B C)	TRIP (AMP)	LOAD	CKT No.				
43	LIGHTING	20/1	2.00	20/1	CORRIDOR LIGHTING	44				
45	LIGHTING	20/1	1.00	20/1	SPARE	46				
47	SPARE	20/1	0.00	20/1	SPARE	48				
49	SPARE	20/1	0.00	20/1	SPARE	50				
51	SPARE	20/1	0.00	20/1	SPARE	52				
53	SPARE	20/1	0.00	20/1	SPARE	54				
55	SPARE	20/1	0.00	20/1	SPARE	56				
57	SPARE	20/1	0.00	20/1	SPARE	58				
59	SPARE	20/1	0.00	20/1	SPARE	60				
61	SPARE	20/1	0.00	20/1	SPARE	62				
63	SPARE	20/1	0.00	20/1	SPARE	64				
65	SPARE	20/1	0.00	20/1	SPARE	66				
67	SPARE	20/1	0.00	20/1	SPARE	68				
69	SPARE	20/1	0.00	20/1	SPARE	70				
71	SPARE	20/1	0.00	20/1	SPARE	72				
73	SPARE	20/1	0.00	20/1	SPARE	74				
75	SPARE	20/1	0.00	20/1	SPARE	76				
77	SPARE	20/1	0.00	20/1	SPARE	78				
79	SPARE	20/1	0.00	20/1	SPARE	80				
81	SPARE	20/1	0.00	20/1	SPARE	82				
83	SPARE	20/1	0.00	20/1	SPARE	84				
SUBTOTALS			2.00	1.00	0.90	SUBTOTALS				
TOTAL LOADS		2.0	KVA PHASE A		LIGHTING:	3.00	KVA			
		1.0	KVA PHASE B		RECEPTACLE:	0.00	KVA			
		0.0	KVA PHASE C		APPLIANCE:	0.00	KVA			
FEED THRU LOAD		KVA	0.0	A	MOTOR:	0.00	KVA			
CONNECTED LOAD		3.0	KVA	8.0	A	EQUIPMENT:	0.00	KVA		
DEMAND LOAD		3.0	KVA	8.0	A	TOTAL:	3.00	KVA		
TOTAL LOAD:		3.0	KVA	8.0	A					

EXISTING PANEL: PNL-EM-7A									
208Y/120, 3 PHASE, 4 WIRE		MOUNTING:		MAIN BREAKER:		150 A		NEUTRAL: 100%	
225A	BUS RATING:	SURFACE	X	MAIN LUGS ONLY		GROUND BUS:	X	ISOLATED GROUND BUS:	
22K	A.I.C. SYM	FLUSH		SHUNT TRIP MAIN		FEED THRU LUG			
CKT No.	LOAD	TRIP (AMP)	KVA / PHASE (A B C)	TRIP (AMP)	LOAD	CKT No.			
1	EMERGENCY CORRIDOR LIGHTING	20/1	0.50	20/1	EMERGENCY CORRIDOR LIGHTING	2			
3	EMERGENCY LIGHTING	20/1	0.25	20/1	EMERGENCY CORRIDOR LIGHTING	4			
5	EXIT SIGNS	20/1	0.10	20/1	EMERGENCY LIGHTING	6			
7	EMERGENCY LIGHTING	20/1	1.00	20/1	EMERGENCY LIGHTING	8			
9				20/1	EXIT SIGNS	10			
11	MTD RACK RECEPTACLE SEE NOTE 1	50/3	3.33	70/2	UPS SEE NOTE 1	12			
13			6.66	70/2	UPS SEE NOTE 1	14			
15			6.66	70/2	UPS SEE NOTE 1	16			
17	MTD RACK RECEPTACLE SEE NOTE 1	50/3	6.66	70/2	UPS SEE NOTE 1	18			
19			6.66	70/2	UPS SEE NOTE 1	20			
21	MTD RACK RECEPTACLE SEE NOTE 1	50/3	6.60	70/2	UPS SEE NOTE 1	22			
23			3.33	20/1	SPARE	24			
25			3.33	20/1	SPARE	26			
27	SPARE	20/1	0.00	20/1	SPARE	28			
29	SPARE	20/1	0.00	20/1	SPARE	30			
31	SPARE	20/1	0.00	20/1	SPARE	32			
33	SPARE	20/1	0.00	20/1	SPARE	34			
35	SPARE	20/1	0.00	20/1	SPARE	36			
37	SPARE	20/1	0.00	20/1	SPARE	38			
39	SPARE	20/1	0.00	20/1	SPARE	40			
41	SPARE	20/1	0.00	20/1	SPARE	42			
43									

EXISTING PANEL: PNL-L7B										
208Y/120, 3 PHASE, 4 WIRE		MOUNTING:		MAIN BREAKER:		200 A		NEUTRAL:		100%
225A BUS RATING:		SURFACE		X MAIN LUGS ONLY				GROUND BUS:		X
14K A.I.C. SYM		FLUSH		SHUNT TRIP MAIN				ISOLATED GROUND BUS:		
								FEED THRU LUG		
CKT No.	LOAD	TRIP (AMP)	KVA / PHASE			TRIP (AMP)	LOAD	CKT No.		
1	FURNITURE SYSTEM	20/1	0.90			20/1	FURNITURE SYSTEM	2		
3	FURNITURE SYSTEM	20/1	0.90	0.90		20/1	FURNITURE SYSTEM	4		
5	FURNITURE SYSTEM	20/1			0.90	20/1	FURNITURE SYSTEM	6		
7	FURNITURE SYSTEM	20/1	0.90			20/1	FURNITURE SYSTEM	8		
9	FURNITURE SYSTEM	20/1		0.90		20/1	FURNITURE SYSTEM	10		
11	FURNITURE SYSTEM	20/1			0.90	20/1	FURNITURE SYSTEM	12		
13	FURNITURE SYSTEM	20/1	0.90			20/1	FURNITURE SYSTEM	14		
15	FURNITURE SYSTEM	20/1		0.90		20/1	FURNITURE SYSTEM	16		
17	FURNITURE SYSTEM	20/1			0.90	20/1	FURNITURE SYSTEM	18		
19	FURNITURE SYSTEM	20/1	0.90			20/1	FURNITURE SYSTEM	20		
21	FURNITURE SYSTEM	20/1		0.90		20/1	FURNITURE SYSTEM	22		
23	FURNITURE SYSTEM	20/1			0.90	20/1	FURNITURE SYSTEM	24		
SUBTOTALS			3.60	3.60	3.60	SUBTOTALS				
TOTAL LOADS			3.6	KVA PHASE A		LIGHTING:			0.00 KVA	
			3.6	KVA PHASE B		RECEPTACLE:			10.80 KVA	
			3.6	KVA PHASE C		APPLIANCE:			0.00 KVA	
FEED THRU LOAD			KVA	0.0	A	MOTOR:			0.00 KVA	
CONNECTED LOAD			10.8	KVA 30.0 A		EQUIPMENT:			0.00 KVA	
DEMAND LOAD			10.4	KVA 29.0 A		TOTAL:			10.80 KVA	
TOTAL LOAD:			10.4	KVA 29.0 A						

EXISTING PANEL: PNL-L7B-1										
208Y/120, 3 PHASE, 4 WIRE		MOUNTING:		MAIN BREAKER:		A		NEUTRAL:		100%
225A BUS RATING:		SURFACE		MAIN LUGS ONLY		X		GROUND BUS:		X
14K A.I.C. SYM		FLUSH		SHUNT TRIP MAIN				ISOLATED GROUND BUS:		
								FEED THRU LUG		
CKT No.	LOAD	TRIP (AMP)	KVA / PHASE			TRIP (AMP)	LOAD	CKT No.		
25	FURNITURE SYSTEM	20/1	0.72			20/1	FURNITURE SYSTEM	26		
27	FURNITURE SYSTEM	20/1		0.72		20/1	FURNITURE SYSTEM	28		
29	FURNITURE SYSTEM	20/1			0.90	20/1	CONVENIENCE RECEPTACLES	30		
31	CONVENIENCE RECEPTACLES	20/1	2.10			20/1	COOPER	32		
33	LIGHTING	20/1		0.80		20/1	LIGHTING	34		
35	SPARE	20/1			0.00	20/1	SPARE	36		
37	SPARE	20/1	0.00			20/1	SPARE	38		
39	SPARE	20/1		0.00		20/1	SPARE	40		
41	SPARE	20/1			0.00	20/1	SPARE	42		
43	SPARE	20/1	0.00			20/1	SPARE	44		
45	SPARE	20/1		0.00		20/1	SPARE	46		
47	SPARE	20/1			0.00	20/1	SPARE	48		
49	SPARE	20/1	6.76					50		
51	SPARE	20/1		5.40		100/3	PNL-7B-2 SEE NOTE 1	52		
53	SPARE	20/1			4.68			54		
SUBTOTALS			9.58	8.92	5.58	SUBTOTALS				
TOTAL LOADS			9.6	KVA PHASE A		LIGHTING:			0.80 KVA	
			8.9	KVA PHASE B		RECEPTACLE:			20.08 KVA	
			5.6	KVA PHASE C		APPLIANCE:			1.20 KVA	
FEED THRU LOAD			KVA	0.0	A	MOTOR:			0.00 KVA	
CONNECTED LOAD			22.1	KVA 61.0 A		EQUIPMENT:			0.00 KVA	
DEMAND LOAD			17.0	KVA 47.0 A		TOTAL:			22.08 KVA	
TOTAL LOAD:			17.0	KVA 47.0 A						

NEW PANEL: PNL-7B-2 (SEC1)										
208Y/120, 3 PHASE, 4 WIRE		MOUNTING:		MAIN BREAKER:		100 A		NEUTRAL:		100%
100A BUS RATING:		SURFACE		X MAIN LUGS ONLY				GROUND BUS:		X
14K A.I.C. SYM		FLUSH		SHUNT TRIP MAIN				ISOLATED GROUND BUS:		
								FEED THRU LUG		X
CKT No.	LOAD	TRIP (AMP)	KVA / PHASE			TRIP (AMP)	LOAD	CKT No.		
1	FURNITURE SYSTEM	20/1	1.08			20/1	CONVENIENCE RECEPTACLES	2		
3	FURNITURE SYSTEM	20/1		0.54		20/1	FURNITURE SYSTEMS	4		
5	FURNITURE SYSTEM	20/1			1.08	20/1	FURNITURE SYSTEMS	6		
7	FURNITURE SYSTEM	20/1	1.08			20/1	FURNITURE SYSTEMS	8		
9	FURNITURE SYSTEM	20/1		0.54		20/1	FURNITURE SYSTEMS	10		
11	FURNITURE SYSTEM	20/1			0.54	20/1	FURNITURE SYSTEMS	12		
13	FURNITURE SYSTEM	20/1	1.08			20/1	FURNITURE SYSTEMS	14		
15	FURNITURE SYSTEM	20/1		1.80		20/1	FURNITURE SYSTEMS	16		
17	CONVENIENCE RECEPTACLES	20/1			1.62	20/1	FURNITURE SYSTEMS	18		
19	COOPER	20/1	1.90			20/1	FURNITURE SYSTEMS	20		
21	CONVENIENCE RECEPTACLES	20/1		1.44		20/1	FURNITURE SYSTEMS	22		
23	TV RECEPTACLES	20/1			0.36	20/1	FURNITURE SYSTEMS	24		
25	FURNITURE SYSTEM	20/1	0.54			20/1	FURNITURE SYSTEMS	26		
27	FURNITURE SYSTEM	20/1		0.54		20/1	FURNITURE SYSTEMS	28		
29	FURNITURE SYSTEM	20/1			0.54	20/1	FURNITURE SYSTEMS	30		
31	FURNITURE SYSTEM	20/1	0.54			20/1	FURNITURE SYSTEMS	32		
33	FURNITURE SYSTEM	20/1		0.54		20/1	FURNITURE SYSTEMS	34		
35	FURNITURE SYSTEM	20/1			0.54	20/1	FURNITURE SYSTEMS	36		
37	FURNITURE SYSTEM	20/1	0.54			20/1	FURNITURE SYSTEMS	38		
39	SPARE	20/1		0.00		20/1	SPARE	40		
41	SPARE	20/1			0.00	20/1	SPARE	42		
SUBTOTALS			6.76	5.40	4.68	SUBTOTALS				
TOTAL LOADS			6.8	KVA PHASE A		LIGHTING:			0.00 KVA	
			5.4	KVA PHASE B		RECEPTACLE:			16.84 KVA	
			4.7	KVA PHASE C		APPLIANCE:			0.00 KVA	
FEED THRU LOAD			19.0	KVA 53.0 A		MOTOR:			0.00 KVA	
CONNECTED LOAD			35.8	KVA 100.0 A		EQUIPMENT:			0.00 KVA	
DEMAND LOAD			13.4	KVA 37.0 A		TOTAL:			16.84 KVA	
TOTAL LOAD:			32.4	KVA 90.0 A						

••(100A, 208Y/120, 3 Phase) Panel "PNL-7B-2"

1.0 EA

NEW PANEL: PNL-7B-2 (SEC2)										
208Y/120, 3 PHASE, 4 WIRE		MOUNTING:		MAIN BREAKER:		A		NEUTRAL:		100%
100A BUS RATING:		SURFACE		X MAIN LUGS ONLY		X		GROUND BUS:		X
22K A.I.C. SYM		FLUSH		SHUNT TRIP MAIN				ISOLATED GROUND BUS:		
								FEED THRU LUG		X
CKT No.	LOAD	TRIP (AMP)	KVA / PHASE			TRIP (AMP)	LOAD	CKT No.		
43	FURNITURE SYSTEM	20/1	0.72			20/1	PC RECEPTACLES	44		
45	FURNITURE SYSTEM	20/1		1.56		20/1	CONVENIENCE RECEPTACLES	46		
47	FURNITURE SYSTEM	20/1			1.44	20/1	CONVENIENCE RECEPTACLES	48		
49	FURNITURE SYSTEM	20/1	1.08			20/1	CONVENIENCE RECEPTACLES	50		
51	FURNITURE SYSTEM	20/1		0.54		20/1	TV RECEPTACLE	52		
53	FURNITURE SYSTEM	20/1			1.06	20/1	LIGHTING	54		
55	FURNITURE SYSTEM	20/1	0.36			20/1	SPARE	56		
57	SPARE	20/1		0.00		20/1	SPARE	58		
59	SPARE	20/1			0.00	20/1	SPARE	60		
61	SPARE	20/1	0.00			20/1	SPARE	62		
63	SPARE	20/1		0.00		20/1	SPARE	64		
65	SPARE	20/1			0.00	20/1	SPARE	66		
67	SPARE	20/1	0.00			20/1	SPARE	68		
69	SPARE	20/1		0.00		20/1	SPARE	70		
71	SPARE	20/1			0.00	20/1	SPARE	72		
73	SPARE	20/1	0.00			20/1	SPARE	74		
75	SPARE	20/1		0.00		20/1	SPARE	76		
77	SPARE	20/1			0.00	20/1	SPARE	78		
79	SPARE	20/1	0.00			20/1	SPARE	80		
81	SPARE	20/1		0.00		20/1	SPARE	82		
83	SPARE	20/1			0.00	20/1	SPARE	84		
SUBTOTALS			2.16	2.10	2.50	SUBTOTALS				
TOTAL LOADS			2.2	KVA PHASE A		LIGHTING:			0.70 KVA	
			2.1	KVA PHASE B		RECEPTACLE:			6.06 KVA	
			2.5	KVA PHASE C		APPLIANCE:			0.00 KVA	
FEED THRU LOAD			KVA	0.0	A	MOTOR:			0.00 KVA	
CONNECTED LOAD			8.8	KVA 19.0 A		EQUIPMENT:			0.00 KVA	
DEMAND LOAD			8.8	KVA 19.0 A		TOTAL:			6.76 KVA	
TOTAL LOAD:			8.8	KVA 19.0 A						

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NYC HEALTH+HOSPITALS  
Metropolitan  
METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER

#	DESCRIPTION	DATE
4	ISSUED FOR BID	11.10.21
3	ISSUED FOR BID	10.04.21
2	ISSUED FOR 100% DD	08.27.21
1	ISSUED FOR SD/PRICING	04.30.21

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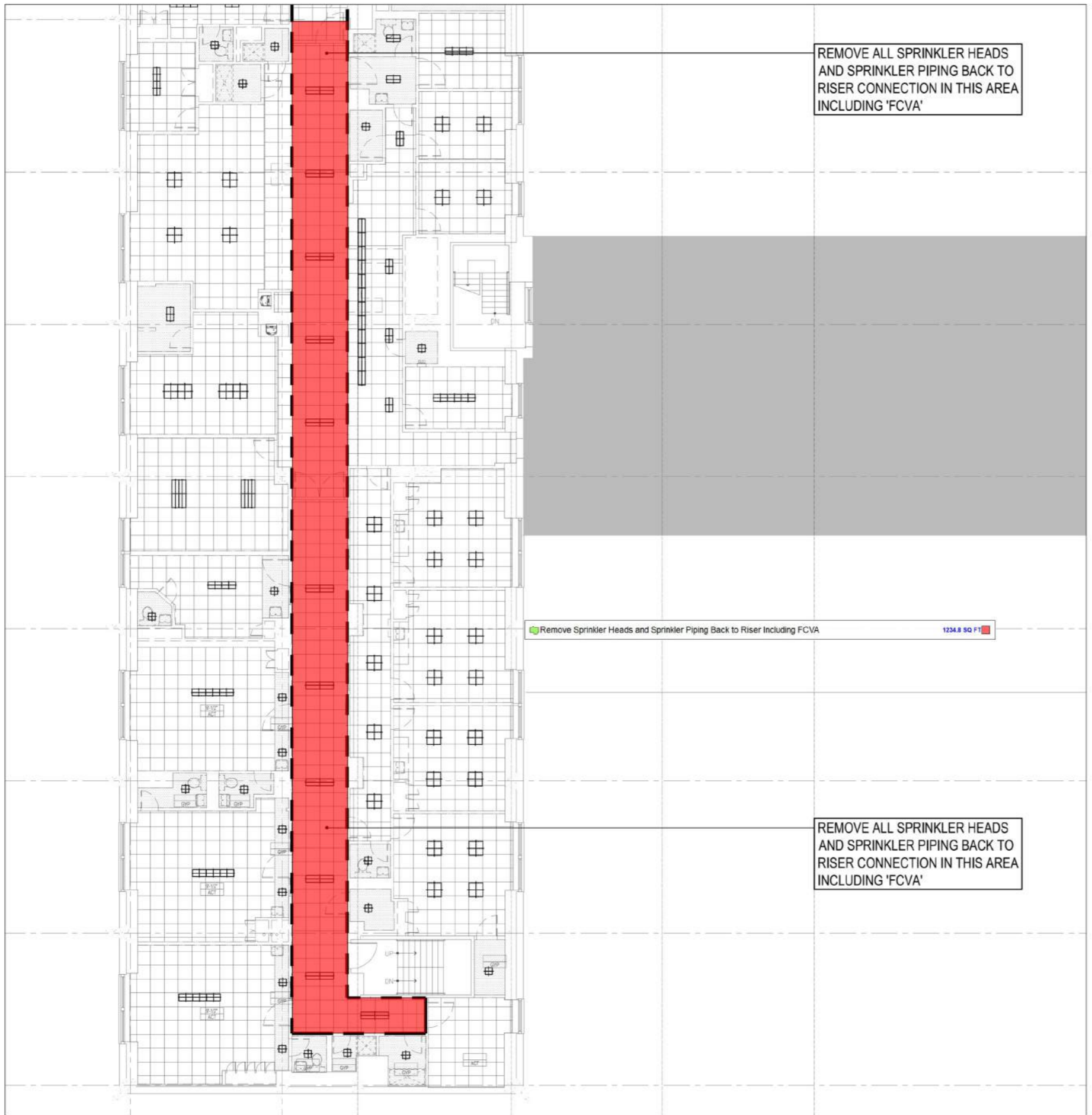
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JFK&M engineers  
SR Harwood Consulting Engineering PC  
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PROJECT  
METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER  
1901 FIRST AVENUE  
NEW YORK, NEW YORK 10029  
BLOCK: 1669 LOT: 1

DRAWING  
ELECTRICAL  
PANEL SCHEDULES II

DATE	BY
Aug 27, 2021	
26.0038	
<b>E-401.00</b>	
DRWN BY	# of 8

NYC DOB Number



REMOVE ALL SPRINKLER HEADS  
AND SPRINKLER PIPING BACK TO  
RISER CONNECTION IN THIS AREA  
INCLUDING 'FCVA'

Remove Sprinkler Heads and Sprinkler Piping Back to Riser Including FCVA 1234.8 SQ FT

REMOVE ALL SPRINKLER HEADS  
AND SPRINKLER PIPING BACK TO  
RISER CONNECTION IN THIS AREA  
INCLUDING 'FCVA'

NYC  
HEALTH+  
HOSPITALS

**Metropolitan**

METROPOLITAN HOSPITAL  
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PROJECT  
**METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER**  
1901 FIRST AVENUE  
NEW YORK, NEW YORK 10029  
BLOCK 1669 LOT: 1

DRAWING  
**SEVENTH FLOOR  
DEMOLITION  
SPRINKLER PLAN  
(1 OF 2)**

DATE	DATE
Aug 27, 2021	
JOB NUMBER	20.0038
DWG NO.	<b>DM-300.00</b>
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NYC HEALTH + HOSPITALS  
**Metropolitan**  
 METROPOLITAN HOSPITAL  
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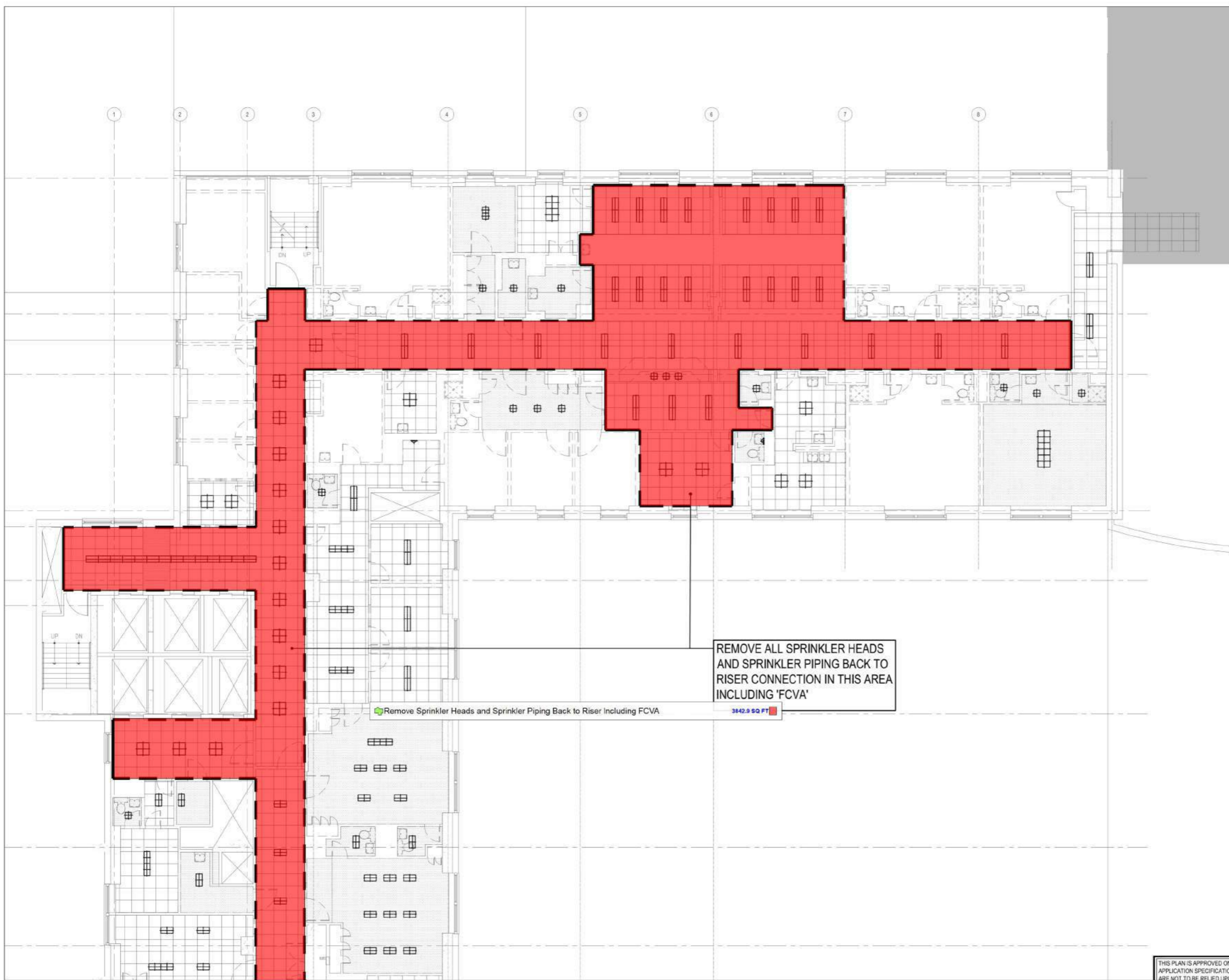
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PROJECT  
 METROPOLITAN HOSPITAL  
 7TH FLOOR CALL CENTER  
 1901 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK 1669 LOT: 1

DRAWING  
 SEVENTH FLOOR  
 DEMOLITION  
 SPRINKLER PLAN  
 (2 OF 2)

DATE	NO.
Aug 27, 2021	20.0038
<b>DM-301.00</b>	
DATE	# OF #

NYC DOB Number



REMOVE ALL SPRINKLER HEADS AND SPRINKLER PIPING BACK TO RISER CONNECTION IN THIS AREA INCLUDING 'FCVA'

Remove Sprinkler Heads and Sprinkler Piping Back to Riser Including FCVA 3842.9 SQ FT

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(1" Dia) Sprinkler Pipe	576.2 FT
(1-1/4" Dia) Sprinkler Pipe	17.7 FT
(2" Dia) Sprinkler Pipe	41.4 FT
(1-1/2" Dia) Sprinkler Pipe	20.8 FT
(3" Dia) Sprinkler Pipe	264.4 FT
Concealed Pendent Sprinkler Head	78.0 EA
Pendent Sprinkler Head	1.0 EA
Concealed Pendent Sprinkler Head	1.0 EA

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 7TH FLOOR CALL CENTER  
 1901 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK 1669 LOT: 1

DRAWING  
 SEVENTH FLOOR  
 SPRINKLER PART PLAN  
 (1 OF 2)

DATE	DATE
Aug 27, 2021	
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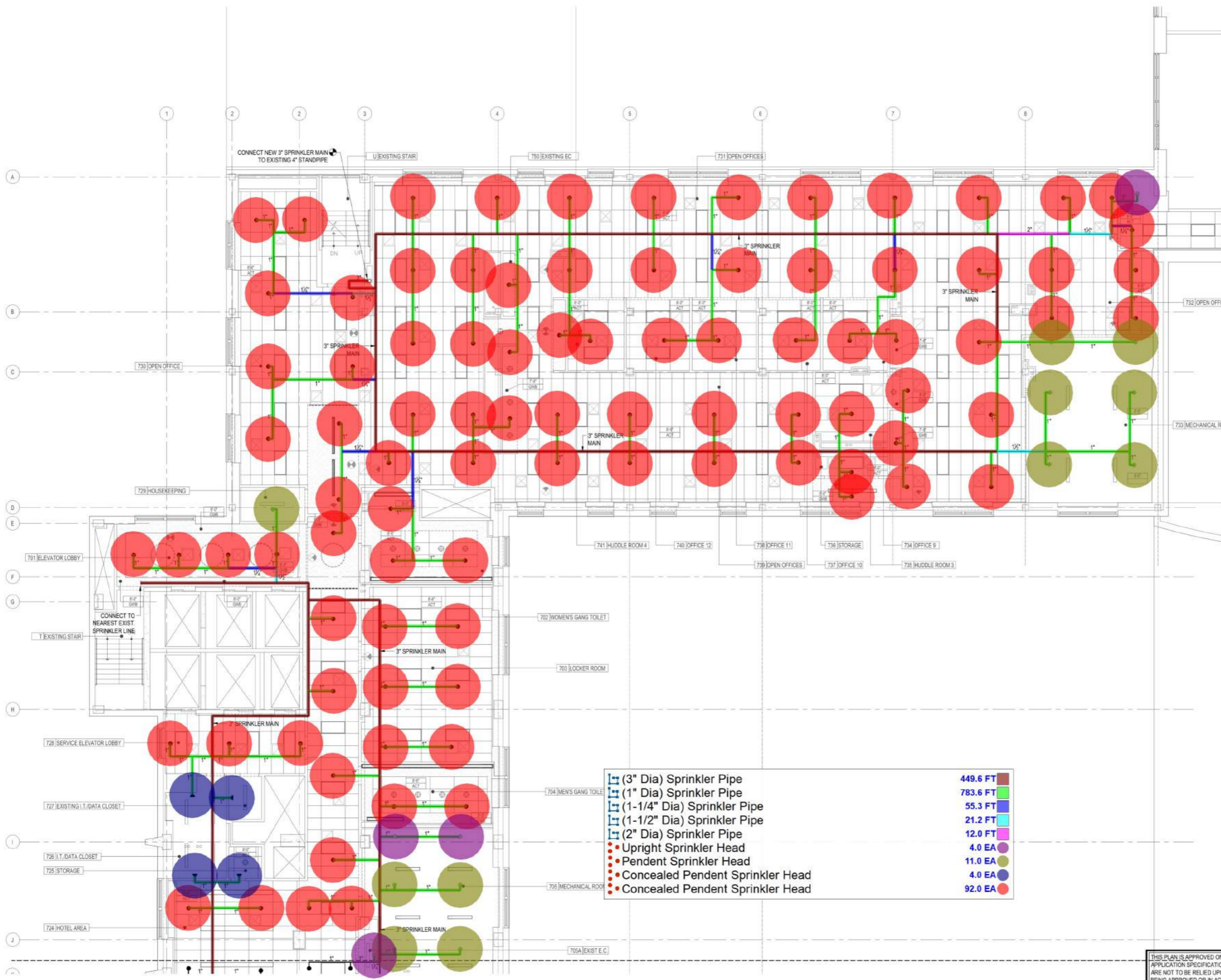
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 1901 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

DRAWING  
 SEVENTH FLOOR  
 SPRINKLER PART PLAN  
 (2 OF 2)

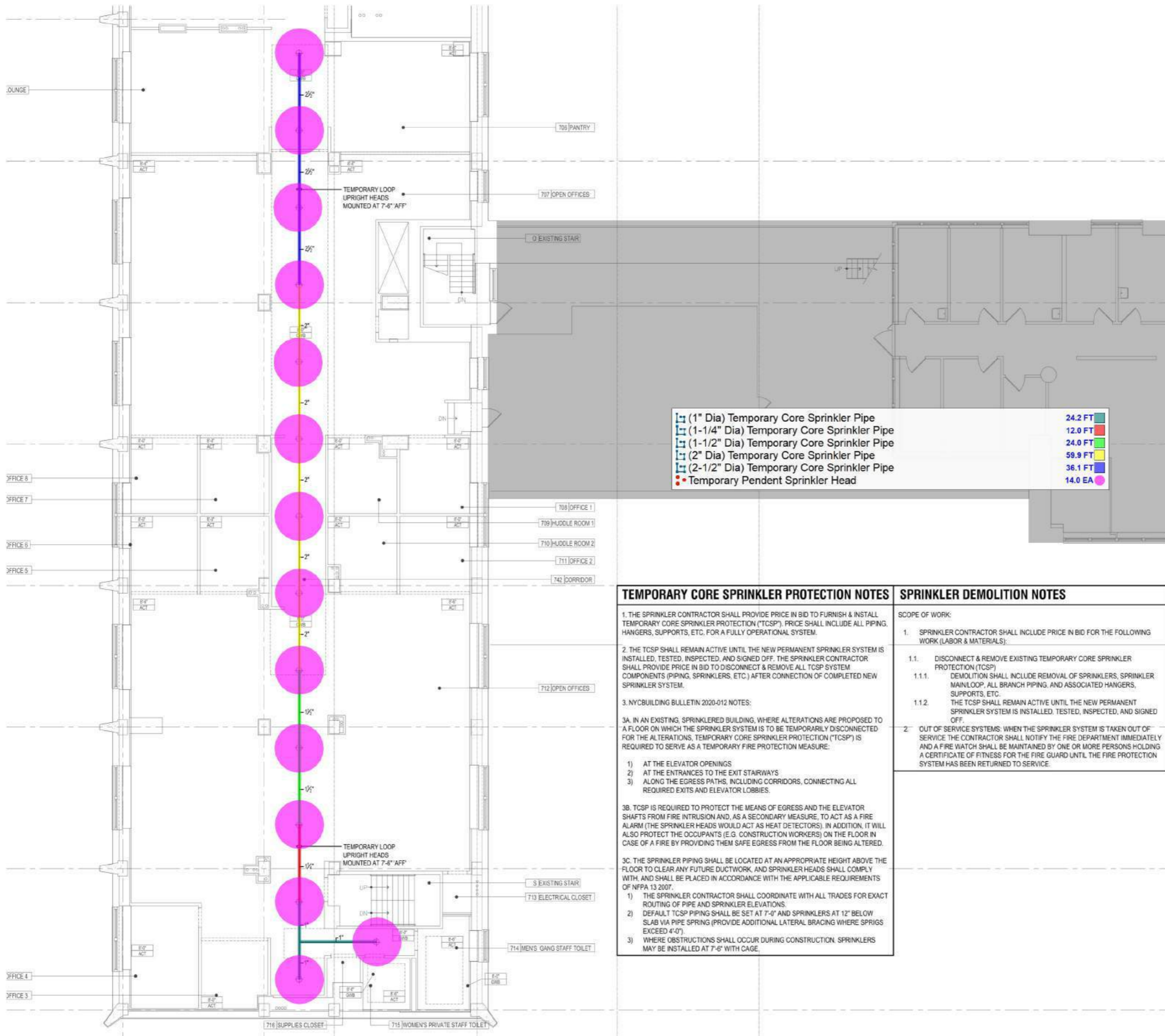
DATE	DESCRIPTION
Aug 27, 2021	JOB NUMBER
20.0038	DWG NO.
	<b>SP-101.00</b>
	# of #

NYC DOB Number



3" Dia Sprinkler Pipe	449.6 FT
1" Dia Sprinkler Pipe	783.6 FT
1-1/4" Dia Sprinkler Pipe	55.3 FT
1-1/2" Dia Sprinkler Pipe	21.2 FT
2" Dia Sprinkler Pipe	12.0 FT
Upright Sprinkler Head	4.0 EA
Pendent Sprinkler Head	11.0 EA
Concealed Pendent Sprinkler Head	4.0 EA
Concealed Pendent Sprinkler Head	92.0 EA

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TEMPORARY CORE SPRINKLER PROTECTION NOTES	SPRINKLER DEMOLITION NOTES
<p>1. THE SPRINKLER CONTRACTOR SHALL PROVIDE PRICE IN BID TO FURNISH &amp; INSTALL TEMPORARY CORE SPRINKLER PROTECTION (TCSP). PRICE SHALL INCLUDE ALL PIPING, HANGERS, SUPPORTS, ETC. FOR A FULLY OPERATIONAL SYSTEM.</p> <p>2. THE TCSP SHALL REMAIN ACTIVE UNTIL THE NEW PERMANENT SPRINKLER SYSTEM IS INSTALLED, TESTED, INSPECTED, AND SIGNED OFF. THE SPRINKLER CONTRACTOR SHALL PROVIDE PRICE IN BID TO DISCONNECT &amp; REMOVE ALL TCSP SYSTEM COMPONENTS (PIPING, SPRINKLERS, ETC.) AFTER CONNECTION OF COMPLETED NEW SPRINKLER SYSTEM.</p> <p>3. NYC BUILDING BULLETIN 2020-012 NOTES:</p> <p>3A. IN AN EXISTING, SPRINKLERED BUILDING, WHERE ALTERATIONS ARE PROPOSED TO A FLOOR ON WHICH THE SPRINKLER SYSTEM IS TO BE TEMPORARILY DISCONNECTED FOR THE ALTERATIONS, TEMPORARY CORE SPRINKLER PROTECTION (TCSP) IS REQUIRED TO SERVE AS A TEMPORARY FIRE PROTECTION MEASURE:</p> <ol style="list-style-type: none"> <li>1) AT THE ELEVATOR OPENINGS</li> <li>2) AT THE ENTRANCES TO THE EXIT STAIRWAYS</li> <li>3) ALONG THE EGRESS PATHS, INCLUDING CORRIDORS, CONNECTING ALL REQUIRED EXITS AND ELEVATOR LOBBIES.</li> </ol> <p>3B. TCSP IS REQUIRED TO PROTECT THE MEANS OF EGRESS AND THE ELEVATOR SHAFTS FROM FIRE INTRUSION AND, AS A SECONDARY MEASURE, TO ACT AS A FIRE ALARM (THE SPRINKLER HEADS WOULD ACT AS HEAT DETECTORS). IN ADDITION, IT WILL ALSO PROTECT THE OCCUPANTS (E.G. CONSTRUCTION WORKERS) ON THE FLOOR IN CASE OF A FIRE BY PROVIDING THEM SAFE EGRESS FROM THE FLOOR BEING ALTERED.</p> <p>3C. THE SPRINKLER PIPING SHALL BE LOCATED AT AN APPROPRIATE HEIGHT ABOVE THE FLOOR TO CLEAR ANY FUTURE DUCTWORK, AND SPRINKLER HEADS SHALL COMPLY WITH, AND SHALL BE PLACED IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF NFPA 13 2007.</p> <ol style="list-style-type: none"> <li>1) THE SPRINKLER CONTRACTOR SHALL COORDINATE WITH ALL TRADES FOR EXACT ROUTING OF PIPE AND SPRINKLER ELEVATIONS.</li> <li>2) DEFAULT TCSP PIPING SHALL BE SET AT 7'-0" AND SPRINKLERS AT 12" BELOW SLAB VIA PIPE SPRING (PROVIDE ADDITIONAL LATERAL BRACING WHERE SPRIGS EXCEED 4'-0").</li> <li>3) WHERE OBSTRUCTIONS SHALL OCCUR DURING CONSTRUCTION, SPRINKLERS MAY BE INSTALLED AT 7'-6" WITH CAGE.</li> </ol>	<p>SCOPE OF WORK:</p> <ol style="list-style-type: none"> <li>1. SPRINKLER CONTRACTOR SHALL INCLUDE PRICE IN BID FOR THE FOLLOWING WORK (LABOR &amp; MATERIALS):</li> </ol> <ol style="list-style-type: none"> <li>1.1. DISCONNECT &amp; REMOVE EXISTING TEMPORARY CORE SPRINKLER PROTECTION (TCSP)             <ol style="list-style-type: none"> <li>1.1.1. DEMOLITION SHALL INCLUDE REMOVAL OF SPRINKLERS, SPRINKLER MAINLOOP, ALL BRANCH PIPING, AND ASSOCIATED HANGERS, SUPPORTS, ETC.</li> <li>1.1.2. THE TCSP SHALL REMAIN ACTIVE UNTIL THE NEW PERMANENT SPRINKLER SYSTEM IS INSTALLED, TESTED, INSPECTED, AND SIGNED OFF.</li> </ol> </li> <li>2. OUT OF SERVICE SYSTEMS: WHEN THE SPRINKLER SYSTEM IS TAKEN OUT OF SERVICE THE CONTRACTOR SHALL NOTIFY THE FIRE DEPARTMENT IMMEDIATELY AND A FIRE WATCH SHALL BE MAINTAINED BY ONE OR MORE PERSONS HOLDING A CERTIFICATE OF FITNESS FOR THE FIRE GUARD UNTIL THE FIRE PROTECTION SYSTEM HAS BEEN RETURNED TO SERVICE.</li> </ol>

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PROJECT  
**METROPOLITAN HOSPITAL**  
 7TH FLOOR CALL CENTER  
 1901 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

DRAWING  
**SEVENTH FLOOR**  
 TEMPORARY CORE  
 SPRINKLER PROTECTION  
 PART PLAN (1 OF 2)

DATE	BY
Aug 27, 2021	
20.0038	
TC-100.00	
	# of 2

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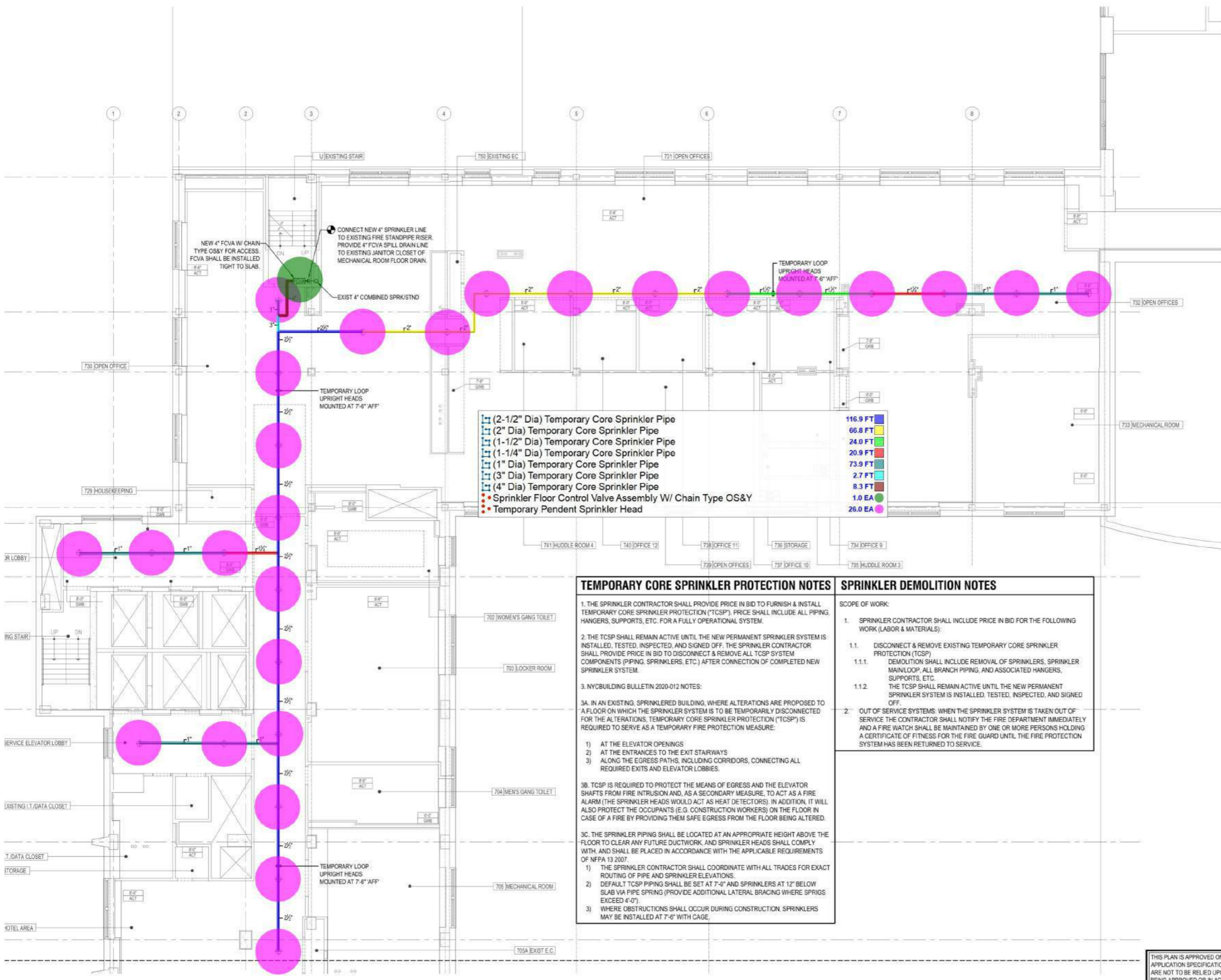
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 TEMPORARY CORE  
 SPRINKLER PROTECTION  
 PLAN (2 OF 2)

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- FIRE ALARM GENERAL NOTES**
1. REFER TO DRAWING FA-001 FOR GENERAL NOTES
  2. FIRE ALARM EQUIPMENT AND DEVICES SHOWN ARE NEW UNLESS OTHERWISE NOTED
  3. FIRE ALARM STROBE DEVICES SHALL BE ADJUSTABLE 15/30/75/110 CANDELA PER ADA REQUIREMENTS
  4. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF FIRE SMOKE DAMPERS AND DUCT DETECTORS
  5. LOCATIONS OF ALL DEVICES REQUIRE ARCHITECTS/ENGINEERS APPROVAL PRIOR TO INSTALLATION. CONTRACTOR SHALL LOCATE ALL DEVICES IN FIELD & OBTAIN ARCHITECT SIGN OFF PRIOR TO INSTALLATION OF ANY ROUGHING DEVICE. ANY DEVICES INSTALLED WITHOUT ARCHITECTS APPROVAL THAT ARCHITECT/ENGINEER REQUESTS TO BE RELOCATED, SHALL BE MOVED AT NO ADDITIONAL COST.

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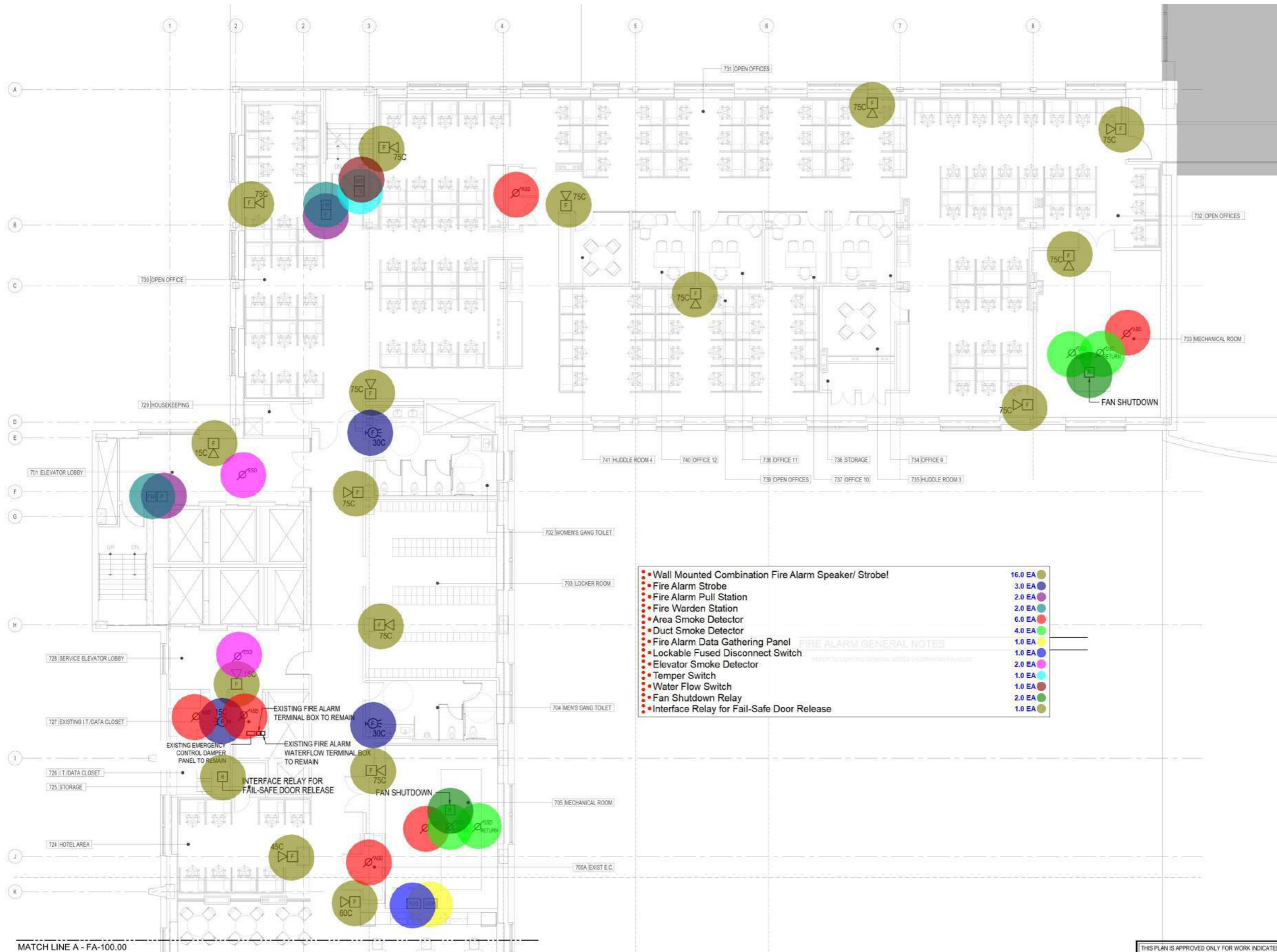
PROJECT  
 METROPOLITAN HOSPITAL  
 7TH FLOOR CALL CENTER  
 1901 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

DRAWING  
 SEVENTH FLOOR  
 PART FIRE ALARM  
 PLAN  
 (1 OF 2)

DATE	Aug 27, 2021
JOB NUMBER	26.0038
DWG NO	<b>FA-100.00</b>
DRAWN BY	-
# OF #	-

NYC DOB Number  
 -

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- Wall Mounted Combination Fire Alarm Speaker/ Strobel 16.0 EA
- Fire Alarm Strobe 3.0 EA
- Fire Alarm Pull Station 2.0 EA
- Fire Warden Station 2.0 EA
- Area Smoke Detector 6.0 EA
- Duct Smoke Detector 4.0 EA
- Fire Alarm Data Gathering Panel 1.0 EA
- Lockable Fused Disconnect Switch 1.0 EA
- Elevator Smoke Detector 2.0 EA
- Temper Switch 1.0 EA
- Water Flow Switch 1.0 EA
- Fan Shutdown Relay 2.0 EA
- Interface Relay for Fail-Safe Door Release 1.0 EA

**FIRE ALARM GENERAL NOTES**

REFER TO LIGHTING GENERAL NOTES AND ELECTRICAL GENERAL NOTES

MATCH LINE A - FA-100.00

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NYC HEALTH+HOSPITALS  
**Metropolitan**  
METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER

4	ISSUED FOR BID	11.10.21
3	ISSUED FOR BID	10.04.21
2	ISSUED FOR 100% DD	08.27.21
1	ISSUED FOR SD/PRICING	04.30.21

#	DESCRIPTION	DATE
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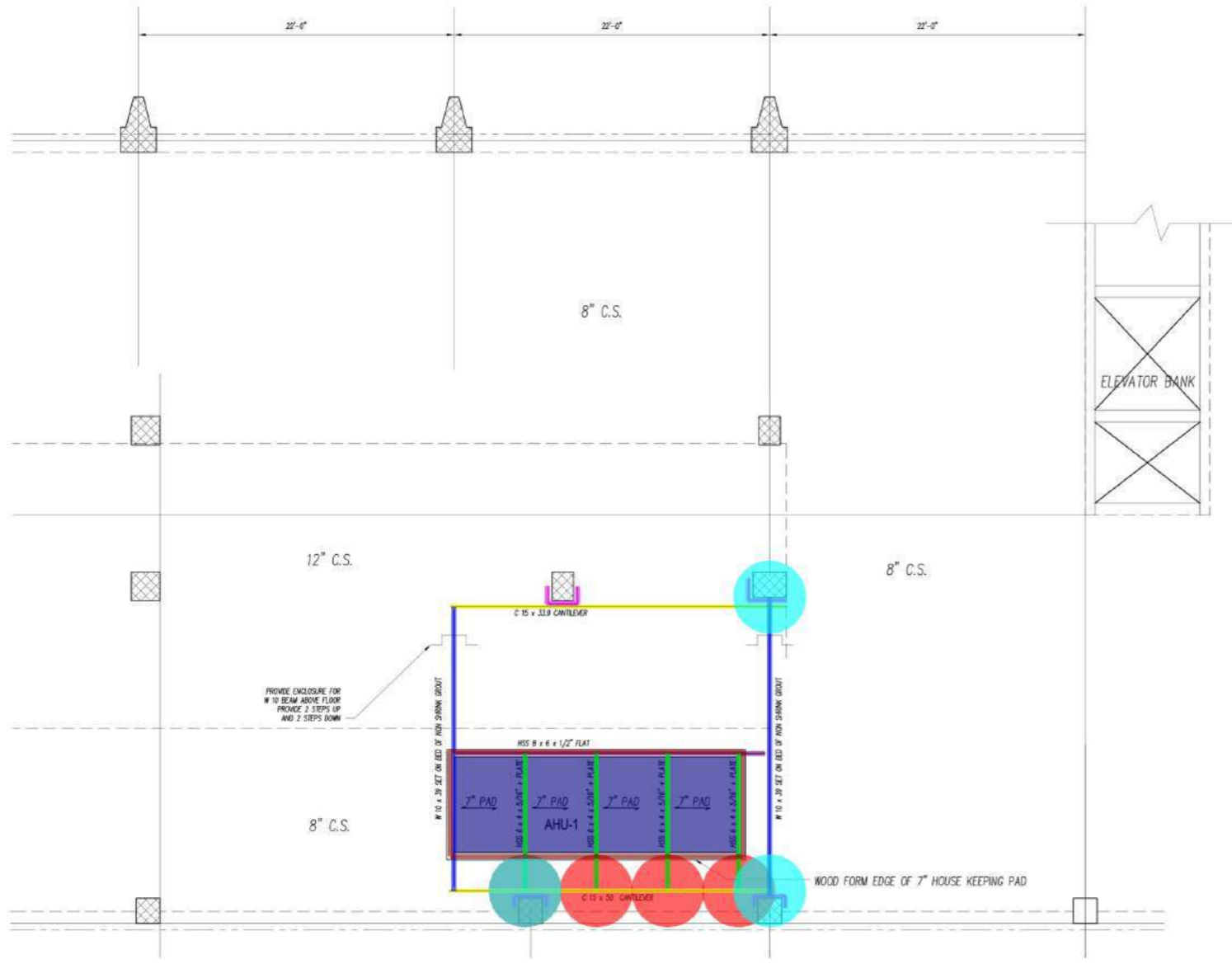
STRUCTURAL ENGINEERING  
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PROJECT  
**METROPOLITAN HOSPITAL**  
7TH FLOOR CALL CENTER  
1901 FIRST AVENUE  
NEW YORK, NEW YORK 10029  
BLOCK: 1669 LOT: 1

DRAWING  
**SEVENTH FLOOR**  
PART FIRE ALARM  
PLAN  
(2 OF 2)

DATE	Aug 27, 2021
JOB NUMBER	26.0038
DWG NO	<b>FA-101.00</b>
DRAWN BY	-
# of #	-

NYC DOB Number  
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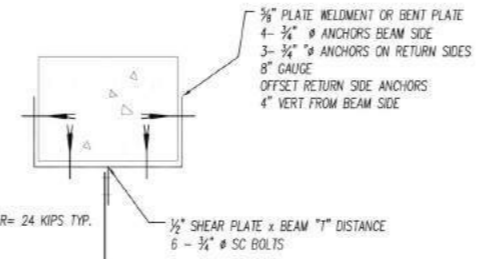
**PART 7TH FLOOR FRAMING PLAN - MECHANICAL ROOM 705 MECH UNIT AHU-1**

- TOP OF EXISTING SLAB ELEVATION DATUM EL. 0'-0"
- ALL NEW BEAMS SHOWN ON PLAN ARE TO SIT ON THE EXISTING SLAB, SEE DETAIL.
- FIREPROOF ALL EXPOSED STRUCTURAL STEEL MEMBERS AND CONNECTIONS.

--- DENOTES CONCRETE BEAM OR CHANGE IN SLAB THICKNESS  
 --- DENOTES NEW STEEL BEAM

Item	Quantity	Material	Length	Weight
(7" Thk) House Keeping Concrete Slab	132.2 SQ FT			
HSS 8 X 6 X 1/2"	21.5 FT			
HSS 6 X 4 X 5/16"	38.3 FT			
1/2" End Plate	4.0 EA			
(10" Wide) 3/8" Bottom Plate	38.3 FT			
C 15 X 50	45.7 FT			
W 10 X 39	40.6 FT			
(4" H) 5/8" Bent Plate	16.3 FT			
1/2" Shear Plate	3.0 EA			
Wood Formed Edge For Concrete Pad	55.4 FT			

Application	Unit Size	Material	Length	Weight
Quantity of Shear Plates	Height	Width	Length	Weight
3 plates	12.0 in	60.0 in	30.0 ft	6.0 lb



TYPICAL CONNECTION OF STEEL BEAM TO CONCRETE COLUMN

**GENERAL NOTES**

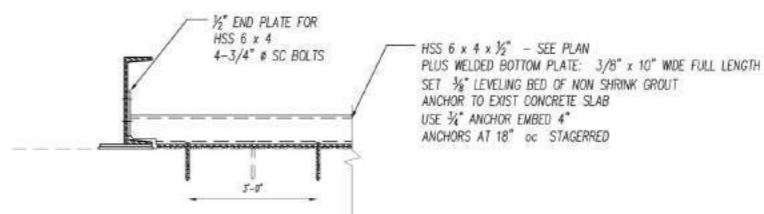
- All work shall be done in accordance with the provisions of the New York City Building Code. It is the responsibility of the contractor to comply with all applicable federal laws, including OSHA.
- The contractor shall coordinate these drawings with all architectural and mechanical drawings and coordinate the work among the various trades.
- The contractor shall carefully examine, measure, and verify all existing conditions affected by this work. All discrepancies shall be noted, by sketch, and reported to the Architect and/or Engineer before work in this area proceeds.
- The contractor shall supervise and direct the work, and shall be solely responsible for all construction means, methods, techniques, sequences and procedures.
- The contractor shall submit shop drawings for all work to the Architect and/or Engineer for approval. No work shall proceed until the contractor has received approved shop drawings.
- The structural integrity of the building shall be protected at all times and is not to be disturbed.
- Construction noise shall be kept to a minimum and cease after normal working hours.
- Building security shall be maintained at all times.

**STRUCTURAL STEEL:**

- All structural steel work shall be in accordance with AISC 360 - 05 Specification for Structural Steel Buildings. Allowable stress design and as modified by the NYS building code.
- All structural steel work shall conform to the following material specifications, u.o.n.:
  - W shapes - ASTM A992, minimum yield strength of 50 ksi;
  - Other shapes - ASTM A572, minimum yield strength of 50 ksi;
  - Rectangular / square HSS - ASTM A500, Grade B, minimum yield strength of 46 ksi;
- Connections:
  - High strength bolts - ASTM A325, minimum yield strength of 120 ksi;
  - Heavy hex nuts - ASTM A194 or ASTM A563;
  - Washers - ASTM F436;
  - Welding electrodes - AWS - A5.1, E70 series.
- All shop and field connections shall be high-strength bolted or welded.
- Bolted connections:
  - All bolted connections shall have at least two bolts
  - All bolts shall be 3/4" dia., A325-SC, u.o.n. Provide standard holes.
  - Provide framed-beam connections as shown on steel detail sheet, u.o.n.
  - All bolted connections shall meet structural integrity requirements of NYS building code.
- Welded connections:
  - All welding to be done by licensed welders.
  - All welding shall be inspected by an approved welding agency which shall issue an affidavit that all welding has been inspected and found to be in conformity with details.
  - All welding is subject to nondestructive testing methods.
  - Stiffeners shall be ground to bear.
  - All welded connections shall meet structural integrity requirements of NYS building code.
- Provisions shall be made for connections of other trades, including cutting and punching of structural members where required by the drawings, or for which information is furnished prior to fabrication.
- Shop drawings shall be prepared under the supervision of a professional engineer, licensed in the State of New York. Signed and sealed calculations shall be submitted with job standards for all connections other than those specifically detailed on the contract drawings.

**SPECIAL INSPECTIONS: PER NYS BUILDING CODE BY OWNER'S INSPECTION AGENCY**

- STRUCTURAL STEEL - ALL WELDING AND BOLTING
- FIREPROOFING



TYPICAL CONNECTION HSS TO C15 AND HSS TO CONCRETE FLOOR

4 ISSUED FOR BID	10.04.21
3 100% DESIGN DEVELOPMENT	08.27.21
2 30% ARCH CD	07.21.21
1 ISSUED FOR SD COST ESTIMATE	04.30.21

#	DESCRIPTION	DATE
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 M: (516) 532-2120

**PROJECT**  
 METROPOLITAN HOSPITAL  
 7TH FLOOR CALL CENTER  
 1901 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

**DATE**  
 PLAN @ MECH ROOM 705  
 GENERAL NOTES AND  
 DETAILS

**DATE**  
 FEBRUARY 2021

**JOB NUMBER**  
 20033

**SCALE**  
 S-100.00

**DRAWN BY**  
 SPH

**DATE**  
 of 31

NYC DOB Number

4	ISSUED FOR BID	10.04.21
3	100% DESIGN DEVELOPMENT	08.27.21
2	30% ARCH CD	07.21.21
1	ISSUED FOR SD COST ESTIMATE	04.30.21

#	DESCRIPTION	DATE
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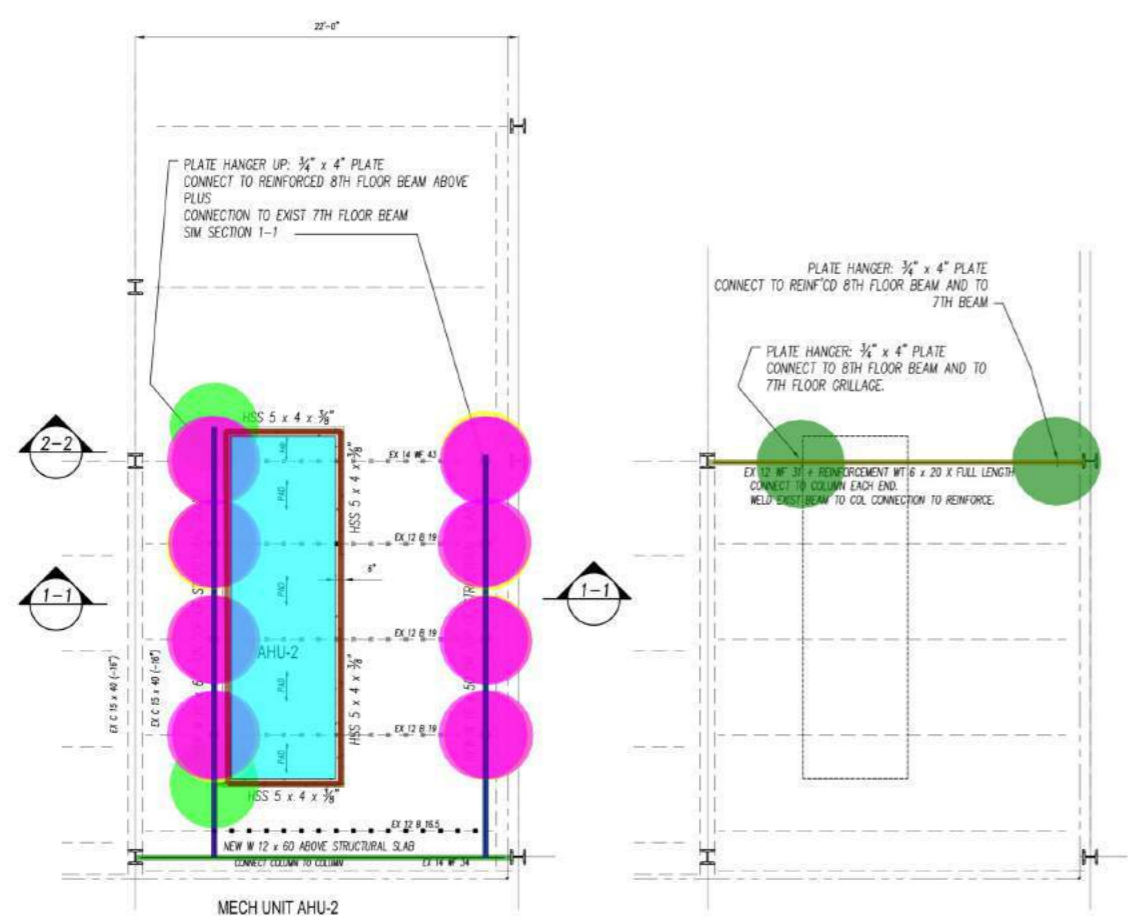
STRUCTURAL ENGINEERING

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35 W. 35th Street, Suite 304  
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M: (516) 532-2120

PROJECT  
METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER  
1901 FIRST AVENUE  
NEW YORK, NEW YORK 10029  
BLOCK: 1669 LOT: 1

DATE  
FEBRUARY 2021  
JOB NUMBER  
20033  
SHEET NO.  
S-101.00  
DRAWN BY  
SRH  
CHECKED BY  
of 31

NYC DOB Number

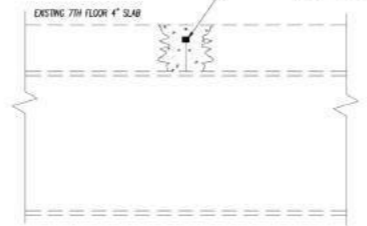


PART 7TH FLOOR FRAMING PLAN - @ MECHANICAL ROOM 733 PART 8TH FLOOR FRAMING PLAN - @ MECHANICAL ROOM 733

- TOP OF EXISTING SLAB ELEVATION DATUM EL. 0'-0"
  - ALL NEW BEAMS SHOWN ON PLAN ARE TO SIT ON THE EXISTING SLAB, SEE DETAIL.
  - FIREPROOF ALL EXPOSED STRUCTURAL STEEL MEMBERS AND CONNECTIONS.
- DENOTES EXISTING STEEL BEAM TO REMAIN  
- - - DENOTES NEW STEEL BEAM  
PAD --- DENOTES NEW CONCRETE HOUSE KEEPING PAD SLAB SPAN
- NEW 6" STONE CONCRETE EQUIPMENT PAD, F<sub>c</sub>=3500 PSL. REINFORCE WITH 2 LAYERS OF 4 x 4 - W4.0 x W4.0 W.W.M. ROUGHEN SURFACE OF EXST. CONCRETE, WASH WITH GROUT SLURRY JUST PRIOR TO NEW CONCRETE PLACEMENT.
- SHOWN ON PLAN DENOTES CONNECT W16 TO EXISTING 12 B. SEE SECTION 1-1

- W 12 X 60
- HSS 5 X 4 X 3/8
- W 16 X 67
- W 16 X 50
- 1/2" End Plate
- Welded Built Up (4" H X 1/2") Vertical Plate W/ (3" X 3/8") Horizontal Plate
- (8" H) 3/8" Stiffer Plate
- (7" Thk) House Keeping Concrete Pad
- (6" Thk) Stone Concrete Equipment Pad
- (4" Wide) 3/4" Plate Hanger
- WT 6 X 20
- Remove 1" Wide Concrete

REMOVE TOP 1" GROUT. ALL 116.0 00 FT  
DRILL 1" DIAMETER HOLE TO 2.0 EA  
INSTALL 3/8" WELDED NELSON 21.6 FT  
FILL HOLE WITH LEAD-NON-SHRINK GROUT TO TOP OF 4" STRUCTURAL SLAB THEN INSTALL NEW HOUSE KEEPING PAD.

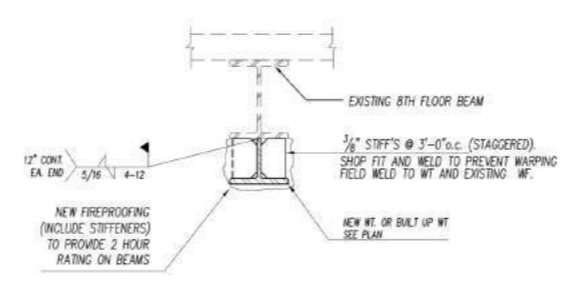


TYPICAL SHEAR STUD ADDITION TO EXISTING STEEL BEAMS

- DENOTES 3/4" x 3" WELDED HEADED NELSON STUDS TO EXISTING CENTERLINE OF THE EXISTING 7TH FLOOR BEAMS @ 12" oc SEE PLAN

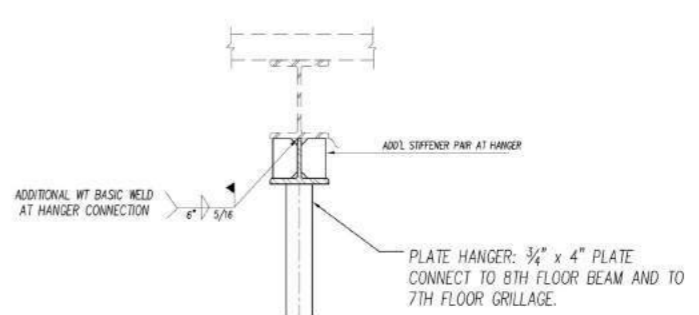
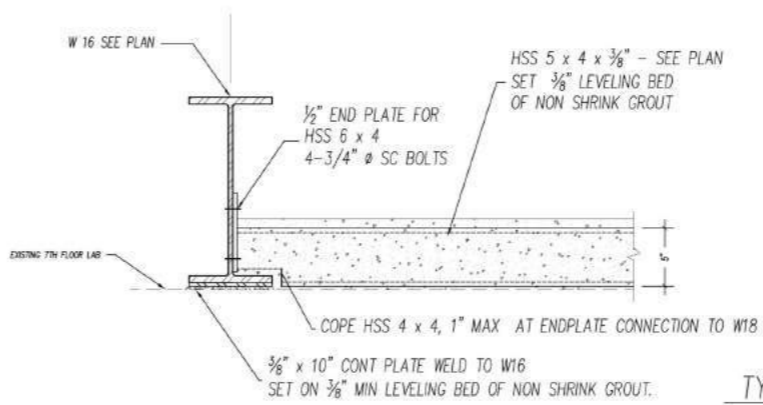
CUT SLAB AND METAL DECK TO FACILITATE INSTALLATION DO NOT DAMAGE EXISTING STEEL BEAMS

FILL HOLE IN SLAB WITH NON SHRINK STRUCTURAL GROUT - 6,000 PSI MIN.



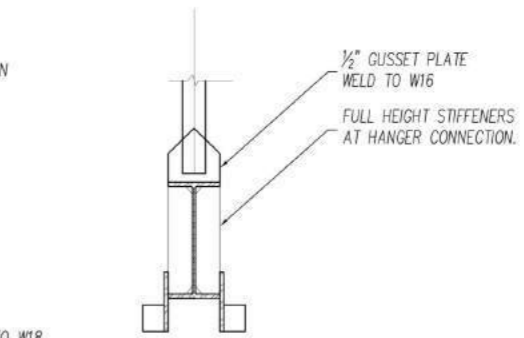
TYPICAL WELD OF NEW WT TO EXISTING STEEL

- REMOVE EXISTING FIREPROOFING TO ALLOW INSTALLATION OF NEW REINFORCEMENT, AND REPLACE FIREPROOF ALL EXPOSED STRUCTURAL STEEL MEMBERS AND CONNECTIONS,



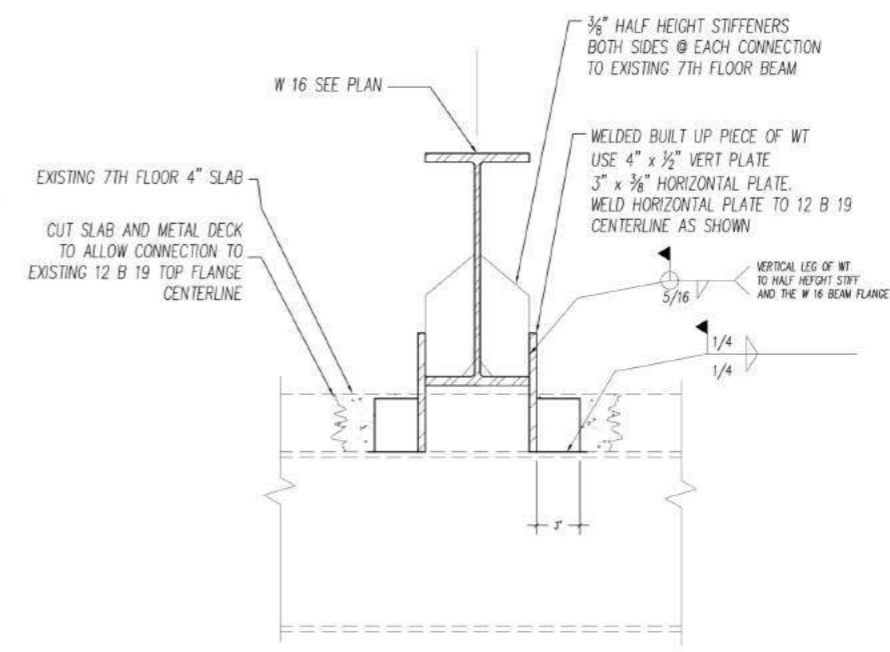
TYPICAL PLATE HANGER TO NEW WT TO EXISTING STEEL

- FIREPROOF ALL EXPOSED STRUCTURAL STEEL MEMBERS AND CONNECTIONS,



TYPICAL PLATE HANGER TO NEW W16

SEE SECTION 1-1 BELOW FOR BALANCE OF INFO NOT SHOWN.



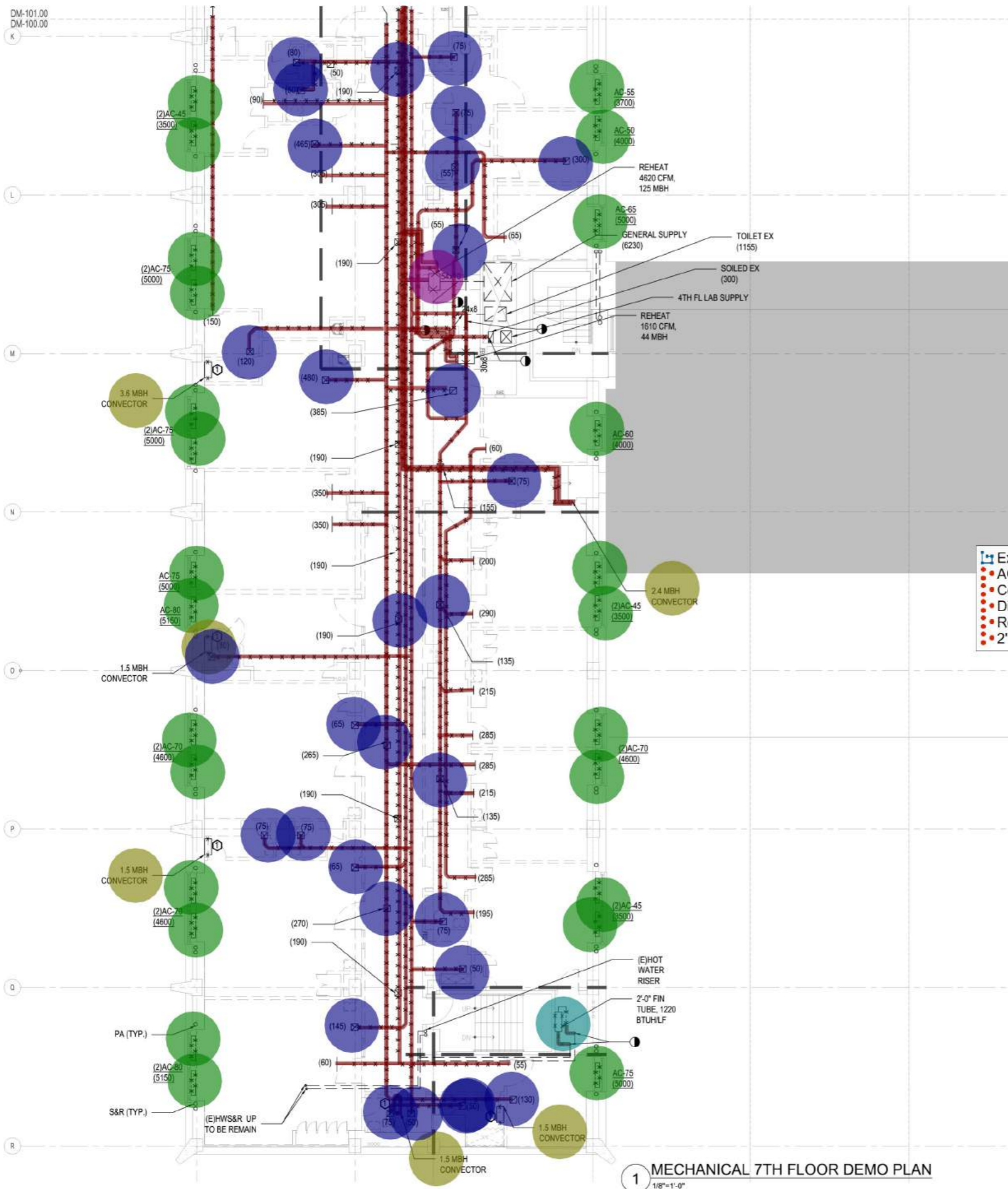
SECTION 1-1

SCALE:



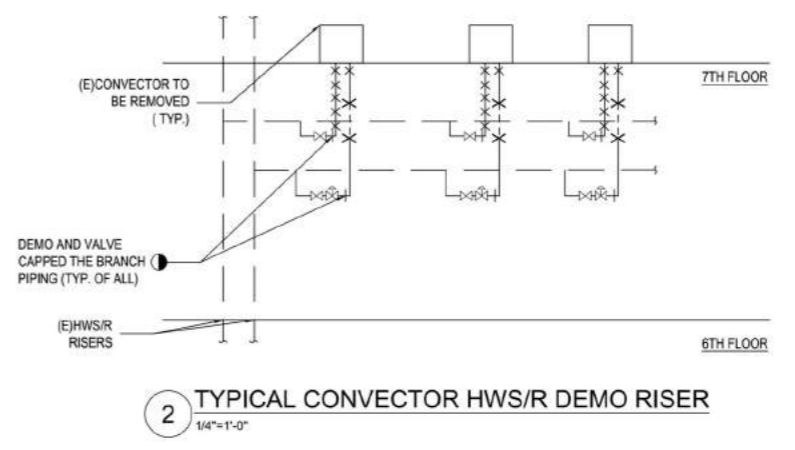
Trane Performance Climate Changer Air Handler

Unit Overview - AHU-2 Rev2 UV							
Application	Unit Size	Height	Width	Length	Installed Weight	Rigging Weight	
Indoor unit	CSAA017	49.0 in	72.0 in	236.2 in	4000 lb	3075 lb	
Quantity of Shipping Sections		Height	Largest Ship Split	Length	Heaviest Ship Split	Elevation	
3 pack(s)		49.0 in	72.0 in	88.5 in	2027 lb	0.00 ft	
Supply Fan				Return/Exhaust Fan			
Airflow	11000 cfm	Total Static Pressure	9.565 in H <sub>2</sub> O	Airflow	11000 cfm	Total Static Pressure	2.154 in H <sub>2</sub> O



- ### MECHANICAL DEMOLITION PLAN NOTES
1. ALL CONTRACTORS SHALL SURVEY EXISTING CONDITIONS BEFORE SUBMITTAL OF BID TO ASCERTAIN EXTENT OF DEMOLITION.
  2. NEITHER ACCURACY NOR COMPLETION OF SERVICES AND UTILITY LOCATIONS SHOWN ON THE DRAWINGS IS GUARANTEED. DETERMINE EXACT LOCATIONS OF EXISTING SERVICES AND UTILITIES IN FIELD. WHETHER SHOWN ON THE CONTRACT DOCUMENTS OR NOT. NOTES AND GRAPHIC REPRESENTATION SHALL NOT LIMIT THE EXTENT OF DEMOLITION WHICH SHALL BE CARRIED OUT TO THE EXTENT REQUIRED BY THE PROJECT.
  3. ALL OPENINGS RESULTING FROM REMOVAL OF EXISTING DUCTWORK, DIFFUSERS OR REGISTERS SHALL BE BLANKED-OFF AND MADE AIR TIGHT IN ACCORDANCE WITH SMACNA. REPAIR DAMAGED INSULATION ON EXISTING DUCTWORK TO REMAIN.
  4. REMOVE ALL DUCTWORK AND ACCESSORIES DOWNSTREAM OF POINTS SHOWN. OPENING OF DUCTWORK SHALL BE CAPPED AND TEMPORARILY SEALED DURING DEMOLITION. GENERAL CONTRACTOR SHALL REMOVE WALL AND CEILING CONSTRUCTION AS REQUIRED FOR DUCT REMOVAL.
  5. CARE MUST BE TAKEN WHEN REMOVING EQUIPMENT SO THAT EQUIPMENT TO REMAIN IS NOT DAMAGED. ANY DAMAGE TO EXISTING EQUIPMENT TO REMAIN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
  6. EQUIPMENT REMOVED SHALL NOT BE REUSED UNLESS OTHERWISE NOTED. CONTRACTOR SHALL TURN-OVER REMOVED EQUIPMENT TO BUILDING MANAGEMENT.
  7. ALL DEMOLITION MEANS AND METHODS SHALL BE SUBMITTED BY THE DEMOLITION CONTRACTOR(S) TO THE CM AND/OR OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL BEFORE COMMENCEMENT OF THE DEMOLITION WORK.
  8. DEMOLITION OF EQUIPMENT, DUCTWORK AND CONDUITS SHALL INCLUDE THE REMOVAL OF ALL ASSOCIATED HANGERS, SUPPORTS, BASE'S ETC.
  9. AFTER THE REMOVAL OF HVAC SERVICES, RATED FLOORS, WALLS AND PARTITIONS SHALL BE FILLED WITH A NYC APPROVED FIRE STOPPING MATERIAL.
  10. DAMAGED OR MISSING INSULATION SHALL BE REPLACED FOR ANY EXISTING TO REMAIN PERIMETER INDUCTION UNIT PIPING.
  11. ALL EXISTING PERIMETER INDUCTION UNITS TO BE REMOVED. CUT ALL ASSOCIATED DUCTWORK AND PIPING BACK TO 7TH FLOOR RISERS. CAP THE DUCTWORK AND VALVED CAP THE PIPING FOR FUTURE USE.
  12. ALL EXISTING MEP EQUIPMENT THAT IS TO REMAIN ACTIVE DURING DEMOLITION SHALL BE PROTECTED FROM DAMAGE. CONTINUITY OF ALL SERVICES REQUIRED FOR LIFE SAFETY, COMMUNICATIONS, HEATING AND FIRE PROTECTION SHALL REMAIN INTACT UNTIL SUCH TIME THAT THEY ARE NO LONGER REQUIRED OR CAN BE REPLACED WITH TEMPORARY SERVICES WHICH WILL BE MAINTAINED DURING CONSTRUCTION ACTIVITY.
  13. REMOVE/ DEMO EXISTING FAN AND ASSOCIATED DUCTWORK IN EXISTING IT/DATA CLOSET.
  14. CONTRACTOR TO FILL ANY OPENING AFTER DEMOLISHING EXISTING MEP WORK WITH ARCHITECTURALLY APPROVED AND CODE COMPLIANT MATERIAL/ SEALANT.
  15. REFER THE M-100 SERIES DWGS FOR NEW WORK.
  16. TURN OVER ALL EXISTING THERMOSTAT TO BUILDING.

Existing Ductwork Demolition	
Existing Ductwork Demolition	1496.7 FT
AC Demolition	25.0 EA
Convector Demolition	6.0 EA
Diffuser Demolition	31.0 EA
Reheat 4620 Demolition	1.0 EA
2' Fin Tube / 1220 BTUH/LF Demolition	1.0 EA



1 MECHANICAL 7TH FLOOR DEMO PLAN  
1/8"=1'-0"

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### METROPOLITAN HOSPITAL 7TH FLOOR CALL CENTER

#	DESCRIPTION	DATE
4	ISSUED FOR BID	11.10.21
3	ISSUED FOR BID	10.04.21
2	ISSUED FOR 100% DD	08.27.21
1	ISSUED FOR SD/PRICING	04.30.21

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Fax: (212) 875-1999  
www.jfkmg.com

STRUCTURAL ENGINEERING:  
SR Harwood Consulting Engineering PC  
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New York, NY 10001  
P: (212) 967-2011  
M: (516) 532-2120

PROJECT:  
METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER  
1901 FIRST AVENUE  
NEW YORK, NEW YORK 10029  
BLOCK: 1699 LOT: 1

DRAWING:  
SEVENTH FLOOR  
DEMOLITION MECHANICAL  
PLAN ( 1 of 2)

SCALE & SIGNATURE	DATE
	Aug 27, 2021
	JOB NUMBER 26.0038
	DWG NO <b>DM-401.00</b>
	DRAWN BY # of #

NYC DOB Number  
-

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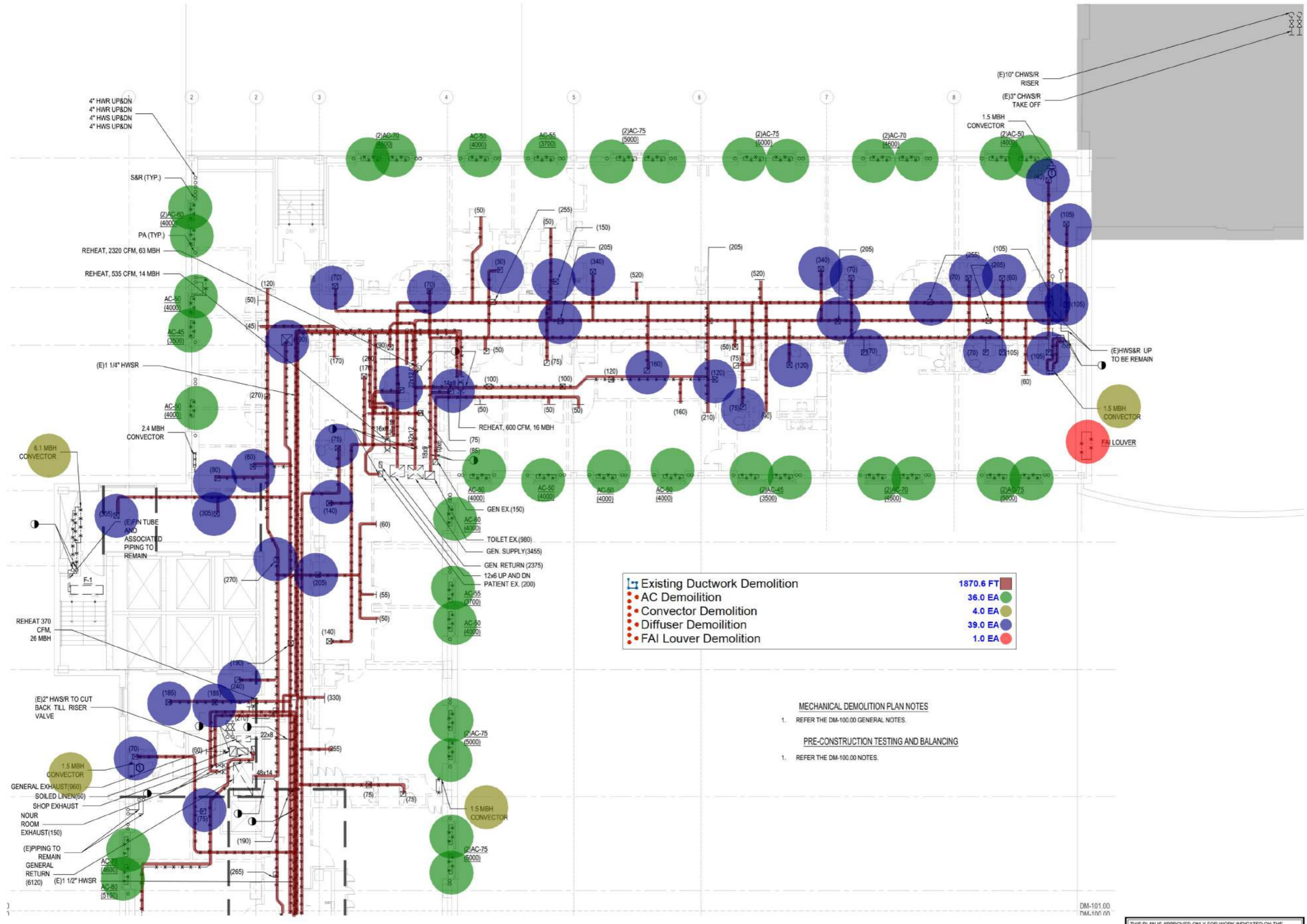
PROJECT  
**METROPOLITAN HOSPITAL**  
 7TH FLOOR CALL CENTER  
 191 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

DRAWING  
**SEVENTH FLOOR**  
 DEMOLITION MECHANICAL  
 PLAN ( 2 OF 2 )

DATE	BY
Aug 27, 2021	
26.0038	

**DM-402.00**

NYC DOB Number  
 -



**Existing Ductwork Demolition** 1870.6 FT

- AC Demolition 36.0 EA
- Convector Demolition 4.0 EA
- Diffuser Demolition 39.0 EA
- FAI Louver Demolition 1.0 EA

- MECHANICAL DEMOLITION PLAN NOTES**
- REFER THE DM-100.00 GENERAL NOTES.
- PRE-CONSTRUCTION TESTING AND BALANCING**
- REFER THE DM-100.00 NOTES.

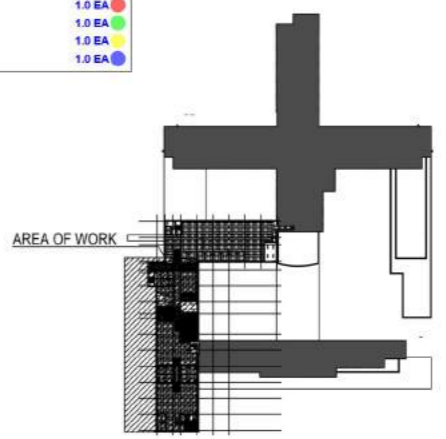
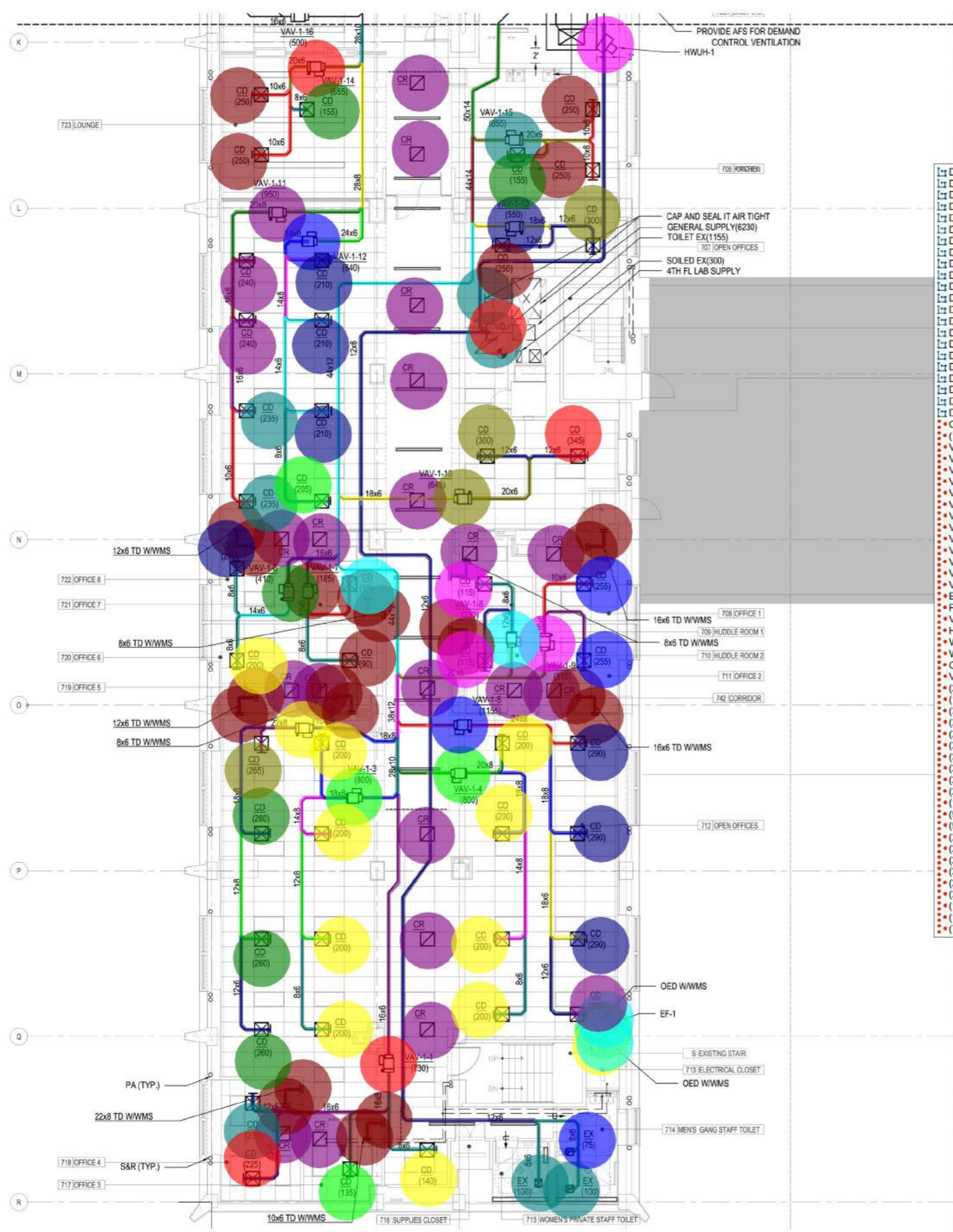
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**GENERAL NOTES**

1. REFER TO DRAWING M-001 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.

- 2. VOLUME DAMPERS ARE REQUIRED AT EVERY LOW PRESSURE SUPPLY, RETURN, AND EXHAUST.
- 3. PROVIDE COMBINATION OF FIRE/SMOKE DAMPERS ON ALL DUCTS PENETRATING A TWO HOUR FIRE RATED PARTITION ABOVE CEILING. PROVIDE ACCESS DOORS FOR ALL TERMINAL BOXES & EXISTING FIRE/SMOKE DAMPERS.
- 4. ALL DUCTWORK TO BE RUN AS TIGHT TO SLAB AND BEAMS AS POSSIBLE TO MAXIMIZE DUCTWORK WITH ARCHITECT.
- 5. PROVIDE 1" ACUSTICAL LINING ON ALL DUCTWORK UPSTREAM AND DOWNSTREAM OF ALL TERMINAL UNITS WHERE TERMINAL UNITS SERVE MULTIPLE ADJACENT ROOMS. SUPPLY DUCTWORK SHALL BE TIGHT TO SLAB AND BEAMS AS POSSIBLE TO MAXIMIZE DUCTWORK WITH ARCHITECT.
- 6. PROVIDE TRANSFERS WITH ACUSTICAL LINING AT ALL FILL HEIGHT PARTITION WALL.
- 7. PROVIDE A MINIMUM OF 4 X INLET DIAMETER STRAIGHT DUCT LENGTH UPSTREAM OF ALL AIR HANDLING UNITS.
- 8. PROVIDE WIRE MESH SCREEN FOR ALL OPEN ENDED DUCTS.
- 9. PROVIDE ACCESS DOORS FOR ALL AC UNITS, TERMINAL BOXES & FIRE/SMOKE DAMPERS IN NON ACCESSIBLE AREAS.
- 10. PROVIDE FLEX CONNECTIONS TO ALL REDUCING EQUIPMENT, INCLUDING FANS AND AIR HANDLING UNITS.
- 11. REFER TO DRG. MADE IN FOR DIFFUSER AND REGISTER TYPES AND SIZE.

- 12. PROVIDE UNDERCUT ON LOUVER DOOR FOR ALL TOILET ROOMS, ELECTRIC CONTROL PANELS, AND SERVICE PANELS TO COORDINATE DUCTS, PIPING, EQUIPMENT SERVICE CLEARANCE, AND ELECTRICAL PANELS.
- 13. CONTRACTOR TO COORDINATE WITH MAKE AND MODEL OF SMOKE DETECTORS TO BE PROVIDED BY ARCHITECT.
- 14. CONTRACTOR TO COORDINATE WITH MAKE AND MODEL OF SMOKE DETECTORS TO BE PROVIDED BY ARCHITECT.
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2	ISSUED FOR 100% DD	08.27.21
1	ISSUED FOR SD/PRICING	04.30.21

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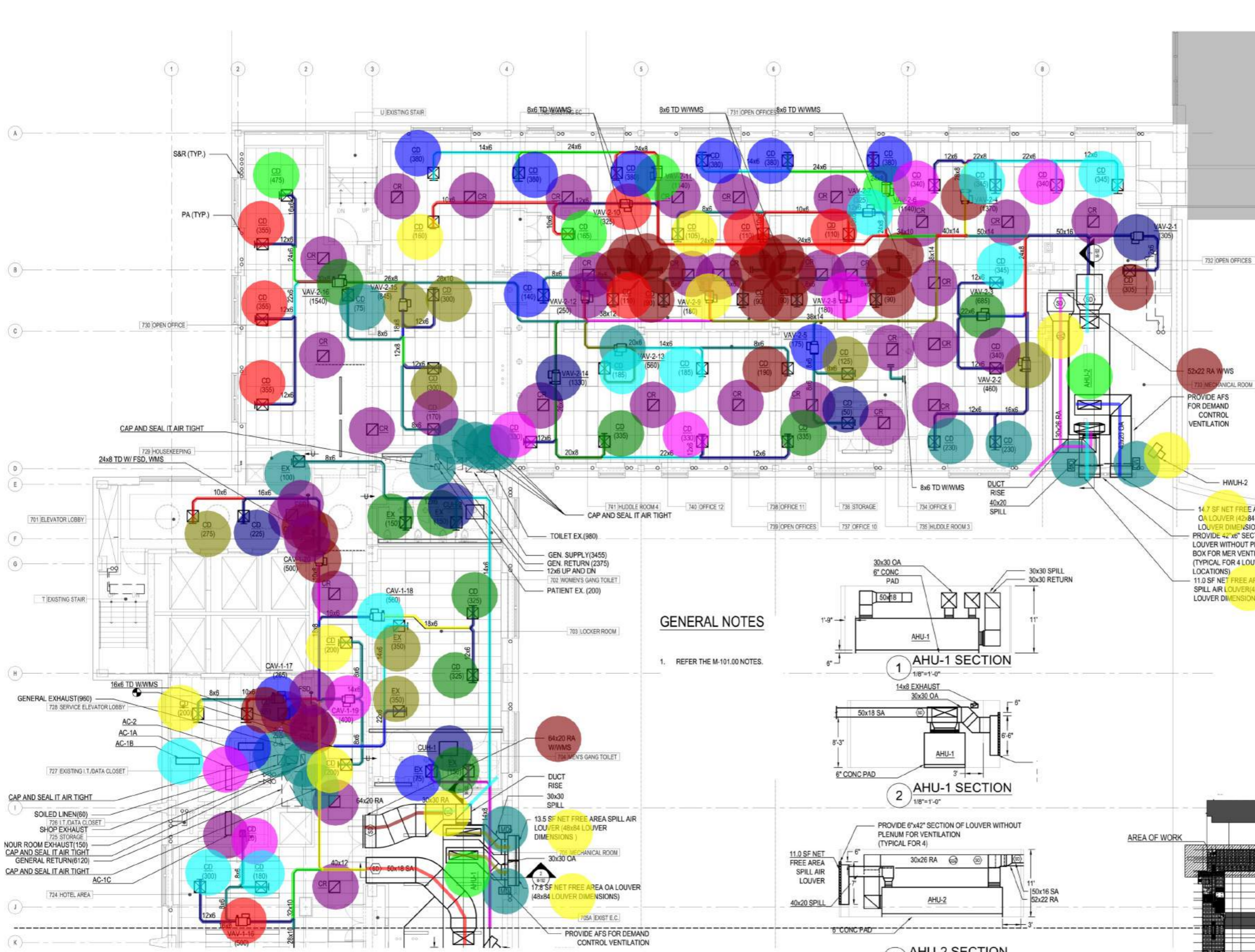
PROJECT  
**METROPOLITAN HOSPITAL**  
 7TH FLOOR CALL CENTER  
 1901 FIRST AVENUE  
 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

DRAWING  
**SEVENTH FLOOR**  
 MECHANICAL DUCTWORK  
 PLAN (1 OF 2)

DATE	Aug 27, 2021
JOB NUMBER	26.0038
DWG NO.	M-101
DRAWN BY	-
# OF #	-

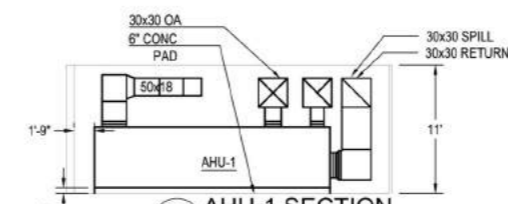
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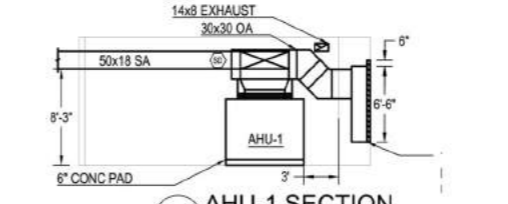


**GENERAL NOTES**

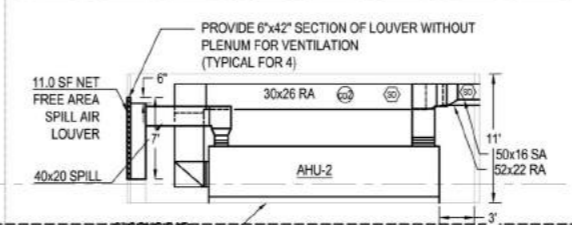
1. REFER THE M-101.00 NOTES.



1 AHU-1 SECTION  
1/8" = 1'-0"



2 AHU-1 SECTION  
1/8" = 1'-0"



3 AHU-2 SECTION  
1/8" = 1'-0"

AREA OF WORK

THIS PLAN IS APPROVED ONLY FOR THE APPLICATION SPECIFICATION SHOWN. IT IS NOT TO BE RELIED UPON FOR ANY OTHER PURPOSES WITHOUT BEING APPROVED OR IN ACCORDANCE WITH THE ORIGINAL CONTRACT DOCUMENTS.

Duct 28x10	37.0 FT
Duct 12x6	21.7 FT
Duct 16x6	79.6 FT
Duct 8x6	279.7 FT
Duct 32x10	12.5 FT
Duct 40x12	35.2 FT
Duct 10x6	102.7 FT
Duct 22x6	27.9 FT
Duct 14x6	127.2 FT
Duct 18x6	20.7 FT
Duct 18x8	14.9 FT
Duct 14x8	38.9 FT
Duct 10x8	9.4 FT
Duct 22x6	52.4 FT
Duct 30x8	5.7 FT
Duct 24x6	44.7 FT
Duct 26x8	29.2 FT
Duct 20x8	14.3 FT
Duct 12x8	4.6 FT
Duct 38x12	20.3 FT
Duct 38x14	51.1 FT
Duct 20x6	25.4 FT
Duct 24x8	95.0 FT
Duct 50x16	10.3 FT
Duct 50x14	10.4 FT
Duct 40x14	5.1 FT
Duct 34x10	7.6 FT
Duct 28x8	12.1 FT
Duct 22x8	10.1 FT
Ceiling Return Register (CR)	31.0 EA
Variable Air Volume (VAV) 500	1.0 EA
CAV 265	1.0 EA
CAV 400	1.0 EA
CAV 560	1.0 EA
CAV 500	1.0 EA
VAV 1540	1.0 EA
VAV 845	1.0 EA
VAV 1330	1.0 EA
VAV 250	1.0 EA
VAV 560	1.0 EA
VAV 325	1.0 EA
VAV 1140	2.0 EA
VAV 180	1.0 EA
VAV 175	1.0 EA
VAV 180	1.0 EA
VAV 325	1.0 EA
VAV 1370	1.0 EA
VAV 685	1.0 EA
VAV 460	1.0 EA
VAV 305	1.0 EA
(100 CFM) Exhaust	1.0 EA
FSD	4.0 EA
MD	4.0 EA
50X18 SA	24.3 FT
AHU-1	1.0 EA
48x84 Louver	4.0 EA
Duct 30x30 RA	12.9 FT
Duct 64x20 RA	13.5 FT
30x30 Spill	22.8 FT
CUH-1	1.0 EA
CAP & Seal Air Tight	1.0 EA
AC-1C	8.0 EA
AC-2	1.0 EA
AC-1A	1.0 EA
AC-1B	1.0 EA
AHU-2	1.0 EA
HWUH-2	1.0 EA
40x20 OA	19.1 FT
30x26 RA	39.5 FT
40x20 Spill	18.5 FT
Wire Mesh Screen (WMS)	16.0 EA
(20 CFM) Ceiling Diffuser	1.0 EA
(180 CFM) Ceiling Diffuser	2.0 EA
(200 CFM) Ceiling Diffuser	3.0 EA
(65 CFM) Ceiling Diffuser	1.0 EA
(325 CFM) Ceiling Diffuser	2.0 EA
(275 CFM) Ceiling Diffuser	1.0 EA
(225 CFM) Ceiling Diffuser	1.0 EA
(170 CFM) Ceiling Diffuser	1.0 EA
(300 CFM) Ceiling Diffuser	2.0 EA
(75 CFM) Ceiling Diffuser	1.0 EA
(355 CFM) Ceiling Diffuser	3.0 EA
(475 CFM) Ceiling Diffuser	1.0 EA
(160 CFM) Ceiling Diffuser	1.0 EA
(380 CFM) Ceiling Diffuser	6.0 EA
(330 CFM) Ceiling Diffuser	2.0 EA
(185 CFM) Ceiling Diffuser	1.0 EA
(190 CFM) Ceiling Diffuser	1.0 EA
(335 CFM) Ceiling Diffuser	2.0 EA
(125 CFM) Ceiling Diffuser	1.0 EA
(50 CFM) Ceiling Diffuser	1.0 EA
(340 CFM) Ceiling Diffuser	1.0 EA
(230 CFM) Ceiling Diffuser	2.0 EA
(110 CFM) Ceiling Diffuser	3.0 EA
(165 CFM) Ceiling Diffuser	1.0 EA
(105 CFM) Ceiling Diffuser	1.0 EA
(90 CFM) Ceiling Diffuser	1.0 EA
(140 CFM) Ceiling Diffuser	1.0 EA
(340 CFM) Ceiling Diffuser	2.0 EA
(345 CFM) Ceiling Diffuser	3.0 EA
(305 CFM) Ceiling Diffuser	1.0 EA
(75 CFM) Exhaust	1.0 EA
(150 CFM) Exhaust	3.0 EA
(350 CFM) Exhaust	2.0 EA
CUH - 2	1.0 EA
Carbon Dioxide Detector	2.0 EA

Metropolitan  
METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER

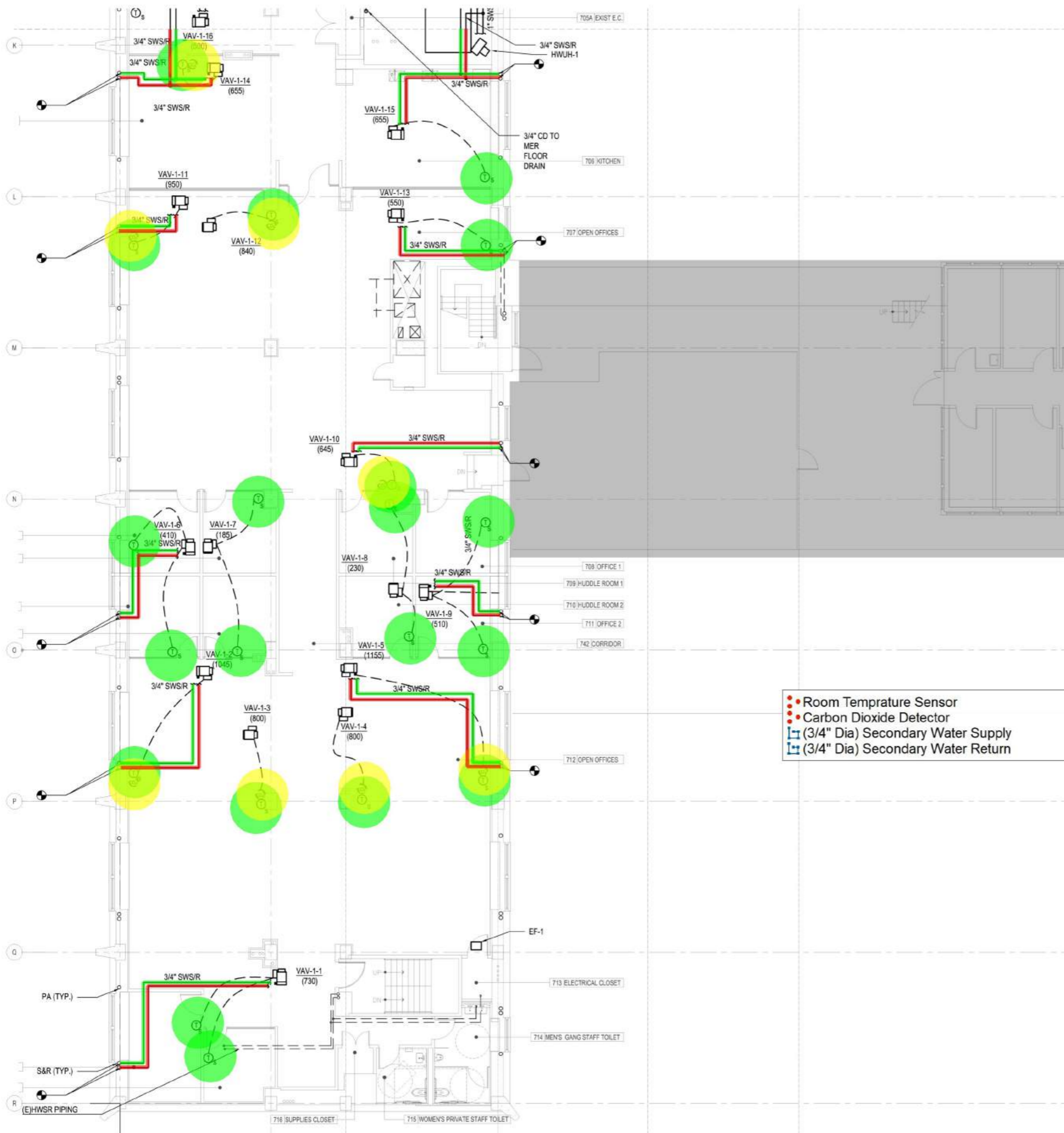
**GW**  
Gentler & Wente ARCHITECTS LLP

**JFK&M**  
JFK&M Engineers LLP

Metropolitan Hospital  
7TH FLOOR CALL CENTER

SEVENTH FLOOR  
MECHANICAL DUCTWORK  
PLAN (2 OF 2)

M-102



**GENERAL NOTES**

- REFER TO DRAWING M-001 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
- PLAN SHOWS APPROXIMATE LOCATION AND ROUTING OF REF. PIPING. CONTRACTOR TO CONFIRM THE LOCATION ON FIELD.
- MECHANICAL CONTRACTOR TO COORDINATE DUCTS, PIPING, EQUIPMENT SERVICE CLEARANCES WITH CLEARANCE REQUIREMENTS OF ANY ELECTRICAL PANEL BOARDS AND DISCONNECT SWITCH ETC.
- EACH ROOM WILL HAVE WALL MOUNTED TEMPERATURE SENSOR. COORDINATE WITH ARCHITECT FOR THE EXACT LOCATION.
- PROVIDE 1" CD FROM AC-1 TO FUNNEL DRAIN IN WOMEN GANG TOILET. REFER THE PLUMBING DWGS FOR THE EXACT LOCATION OF FUNNEL DRAIN.
- PROVIDE NEW DDC PANEL TO ACCOMMODATE NEW CONTROL POINTS. WIRE ALL DDC SENSORS AND ACTUATORS TO THE NEW DDC CONTROLLER. NEW DDC CONTROLS SHALL BE BACNET/IP COMPATIBLE. HOSPITAL'S IT WILL BE RESPONSIBLE TO ADD ALL NETWORK WIRING TO INTERFACE THE CONTROLS TO THE REMOTE SERVER MANAGED BY NYC HEALTH & HOSPITAL METROPOLITAN.
- PERIMETER ZONE VAVS WILL BE PROVIDED WITH HOT WATER REHEATS. REFER THE VAV SCHEDULE FOR GPM AND CFM INFORMATION.
- ALL REFRIGERANT PIPING SHALL BE INSTALLED AND INSULATED AS PER MANUFACTURER'S RECOMMENDATION.
- PROVIDE DRAIN PAN WITH LEAK DETECTOR UNDER ALL WATER PIPING RUNNING INSIDE IT CLOSET.
- FOLLOWING ASSUMPTIONS WERE MADE WHILE SIZING VAV HOT WATER COIL BASED ON EXISTING DWG.
  - EWT = 195 °F AND LWT = 185 ° F FOR SECONDARY WATER SUPPLY AND RETURN (RISERS AT PERIMETER)
  - AVAILABLE GPM FOR EACH (E)INDUCTION UNIT IS 1.4 GPM.
- FOLLOWING ASSUMPTIONS WERE MADE WHILE SIZING THE HOT WATER COIL FOR NEW AHU.
  - EWT = 200 °F AND LWT = 180 °F FOR HOT WATER SUPPLY AND RETURN.
  - TOTAL 50 GPM IS AVAILABLE TO SERVE NEW AHU UNIT HEATING COIL.
- FOLLOWING ASSUMPTIONS WERE MADE WHILE SIZING CHILLED WATER COIL FOR NEW AHU.
  - EWT = 42 °F AND LWT = 54 °F FOR CHILLED WATER SUPPLY AND RETURN.
  - TOTAL 160 GPM IS AVAILABLE TO SERVE NEW AHU UNIT COOLING COIL.
- CONTRACTOR TO EXTEND PERIMETER SECONDARY WATER SUPPLY AND RETURN (SWSR) PIPING FROM FLOOR LEVEL TO CEILING LEVEL OF 7TH FLOOR AND CONNECT IT TO VAV HOT WATER REHEAT COIL (TYPICAL FOR ALL).
- CONTRACTOR TO FIELD COORDINATE AND VERIFY REFRIGERANT PIPING LOCATION AND ROUTING INSIDE EXISTING SHAFT SPACE. REFER THE ADD AL # 1 PART PLAN AND NOTES ON M-202.00 FOR ALTERNATE REFRIGERANT RISER LOCATION.

**KEY NOTES**

- RISER AND BRANCH TAKE OFF LOCATIONS NEEDS TO BE COORDINATED WITH BUILDING.
- PROVIDE DRAIN PAN WITH LEAK DETECTOR UNDER ALL WATER PIPING RUNNING INSIDE

••• Room Temperature Sensor	20.0 EA	●
••• Carbon Dioxide Detector	8.0 EA	●
└─ (3/4" Dia) Secondary Water Supply	227.2 FT	└─
└─ (3/4" Dia) Secondary Water Return	217.3 FT	└─

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PROJECT  
 METROPOLITAN HOSPITAL  
 7TH FLOOR CALL CENTER  
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 NEW YORK, NEW YORK 10029  
 BLOCK: 1669 LOT: 1

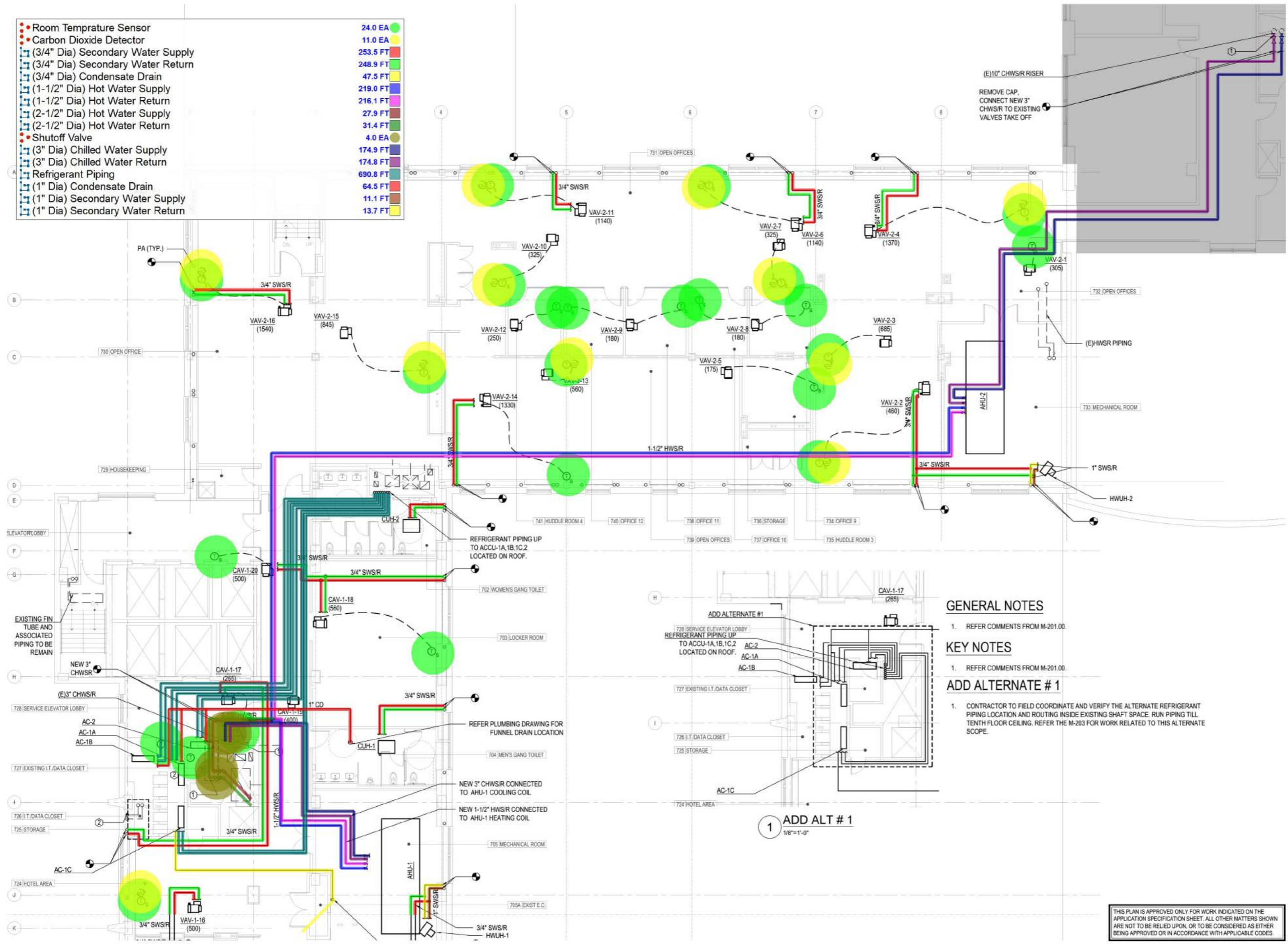
DRAWING  
 SEVENTH FLOOR  
 MECHANICAL PIPING  
 PLAN (1 OF 2)

DATE	BY
Aug 27, 2021	
26.0038	
<b>M-201.00</b>	
DRWN BY	# of #

NYC DOB Number  
 -

- Room Temperature Sensor
- Carbon Dioxide Detector
- ▢ (3/4" Dia) Secondary Water Supply
- ▢ (3/4" Dia) Secondary Water Return
- ▢ (3/4" Dia) Condensate Drain
- ▢ (1-1/2" Dia) Hot Water Supply
- ▢ (1-1/2" Dia) Hot Water Return
- ▢ (2-1/2" Dia) Hot Water Supply
- ▢ (2-1/2" Dia) Hot Water Return
- Shutoff Valve
- ▢ (3" Dia) Chilled Water Supply
- ▢ (3" Dia) Chilled Water Return
- ▢ Refrigerant Piping
- ▢ (1" Dia) Condensate Drain
- ▢ (1" Dia) Secondary Water Supply
- ▢ (1" Dia) Secondary Water Return

- 24.0 EA
- 11.0 EA
- 253.5 FT
- 248.9 FT
- 47.5 FT
- 219.0 FT
- 216.1 FT
- 27.9 FT
- 31.4 FT
- 4.0 EA
- 174.9 FT
- 174.8 FT
- 690.8 FT
- 64.5 FT
- 11.1 FT
- 13.7 FT



**GENERAL NOTES**

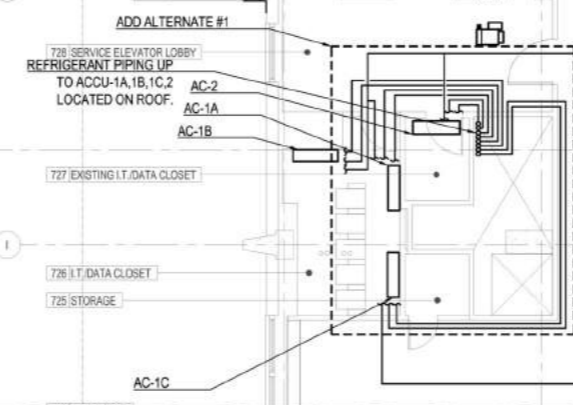
1. REFER COMMENTS FROM M-201.00.

**KEY NOTES**

1. REFER COMMENTS FROM M-201.00.

**ADD ALTERNATE # 1**

1. CONTRACTOR TO FIELD COORDINATE AND VERIFY THE ALTERNATE REFRIGERANT PIPING LOCATION AND ROUTING INSIDE EXISTING SHAFT SPACE. RUN PIPING TILL TENTH FLOOR CEILING. REFER THE M-203 FOR WORK RELATED TO THIS ALTERNATE SCOPE.



1 ADD ALT # 1  
1/8"=1'-0"

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PROJECT  
**METROPOLITAN HOSPITAL  
7TH FLOOR CALL CENTER**  
1901 FIRST AVENUE  
NEW YORK, NEW YORK 10029  
BLOCK: 1669 LOT: 1

DRAWING  
**SEVENTH FLOOR  
MECHANICAL PIPING  
PLAN (2 OF 2)**

DATE	DATE
Aug 27, 2021	
JOB NUMBER	26.0038
DWG NO	<b>M-202.00</b>
DRAWN BY	
# of #	

NYC DOB Number

#	DESCRIPTION	DATE
4	ISSUED FOR BID	11.10.21
3	ISSUED FOR BID	10.04.21
2	ISSUED FOR 100% DD	08.27.21
1	ISSUED FOR SD/PRICING	04.30.21



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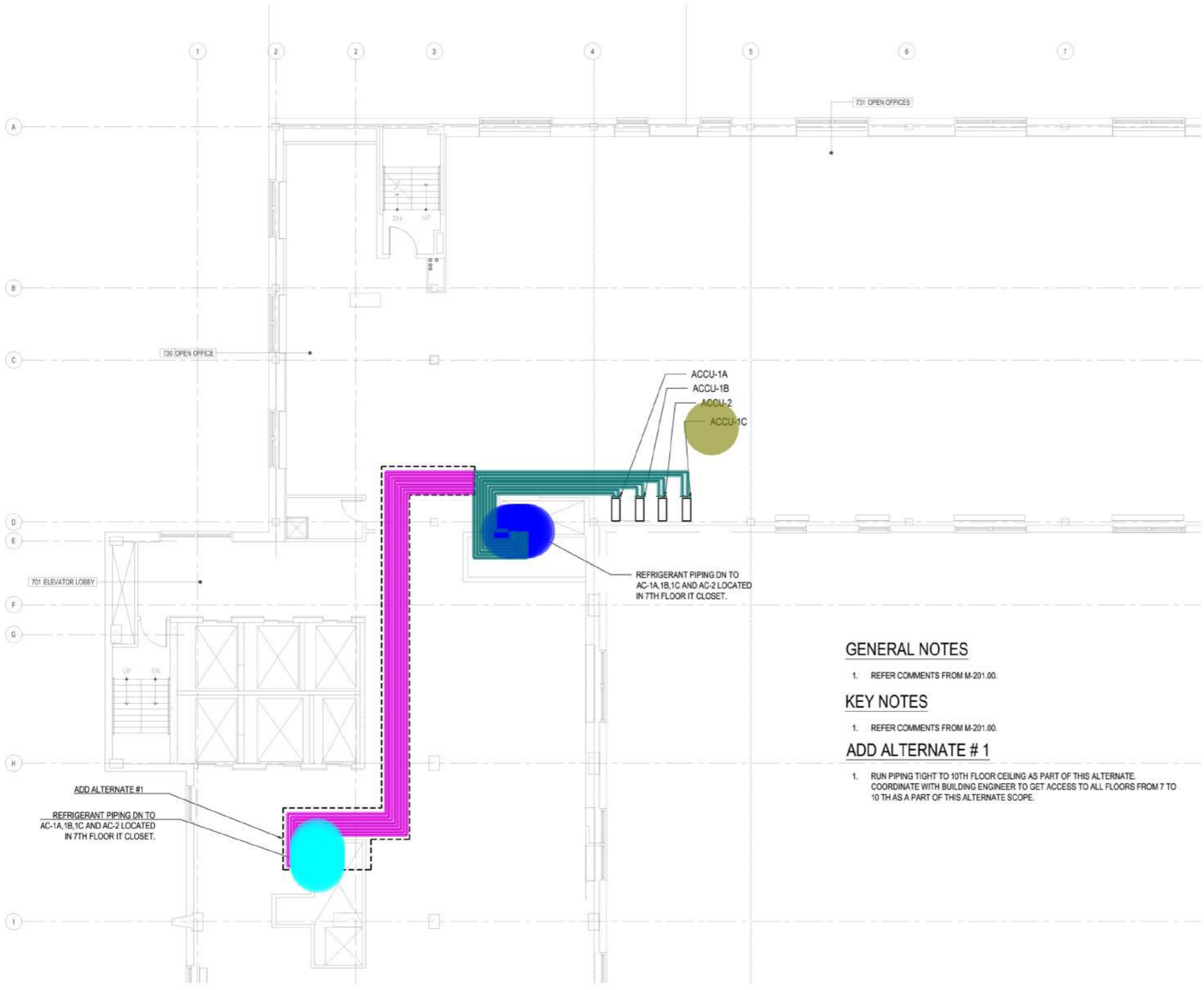
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DRAWING  
TENTH FLOOR  
MECHANICAL ROOF PLAN

SCALE & SIGNATURE	DATE
	Aug 27, 2021
	20.0038
	<b>M-203.00</b>
DESIGNED BY	# of 8

NYC DOB Number



**GENERAL NOTES**

1. REFER COMMENTS FROM M-201.00.

**KEY NOTES**

1. REFER COMMENTS FROM M-201.00.

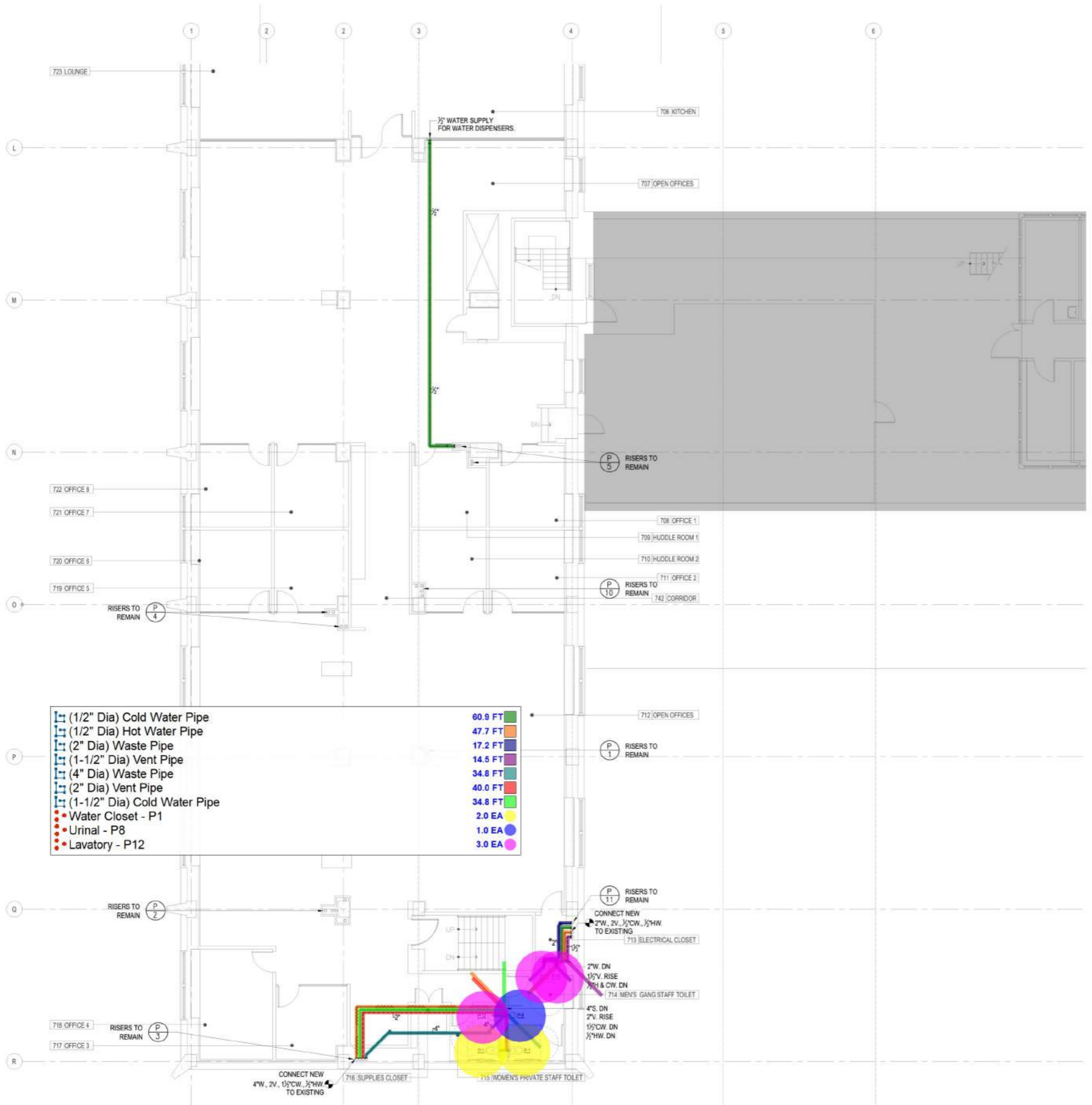
**ADD ALTERNATE # 1**

1. RUN PIPING TIGHT TO 10TH FLOOR CEILING AS PART OF THIS ALTERNATE. COORDINATE WITH BUILDING ENGINEER TO GET ACCESS TO ALL FLOORS FROM 7 TO 10 TH AS A PART OF THIS ALTERNATE SCOPE.

**1 TENTH FLOOR ROOF PLAN**

• ACCU-1A, 1B, 2, 1C	1.0 EA
— Refrigerant Piping	325.3 FT
• (30' Riser) Refrigerant Pipe	8.0 EA
— Refrigerant Pipes	629.4 FT
• (30' Riser) Refrigerant Pipe	8.0 EA

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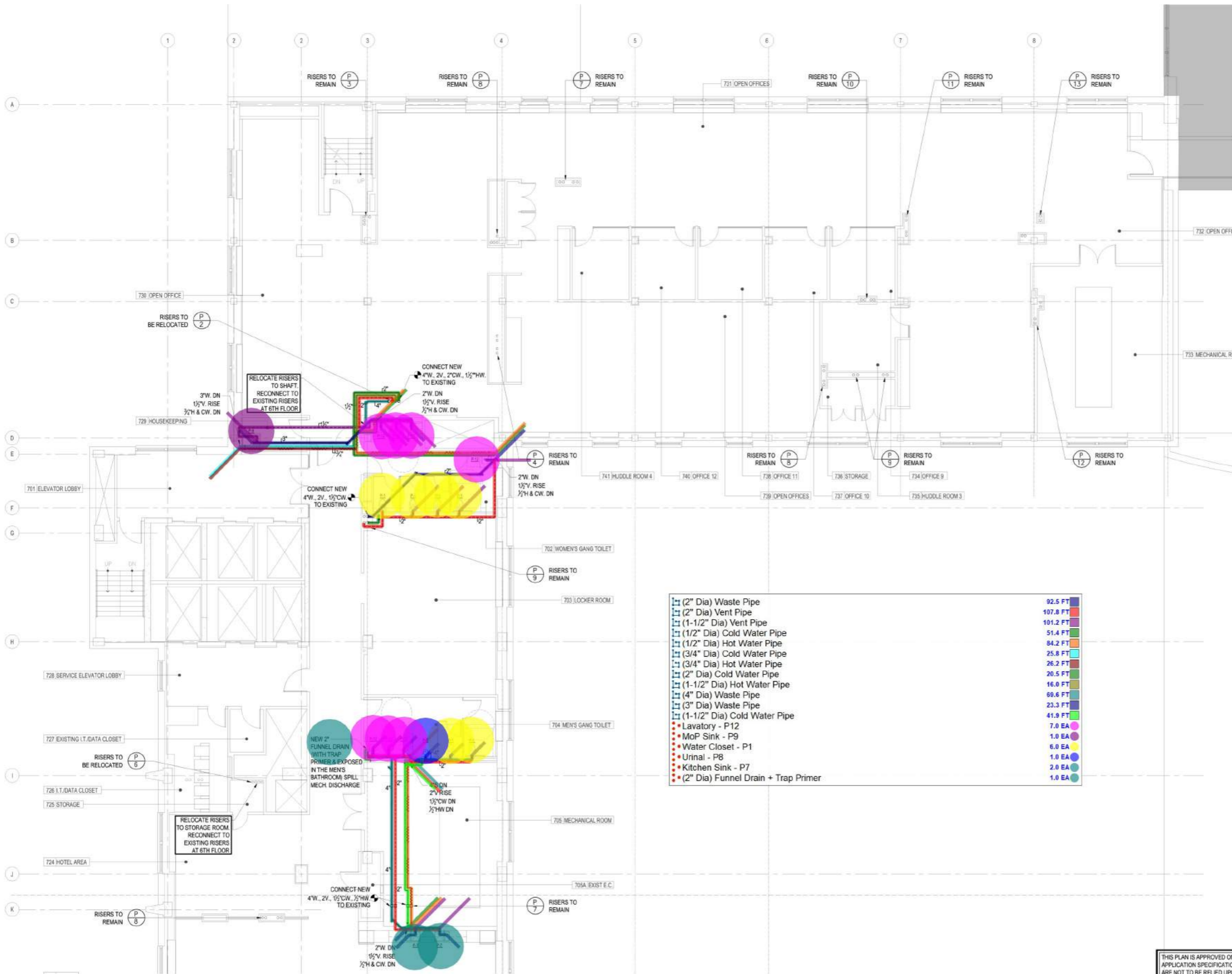
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DRAWING
   
**SEVENTH FLOOR**
  
**PLUMBING PLAN**
  
 (1 OF 2)

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- 2" Dia Waste Pipe 92.5 FT
- 2" Dia Vent Pipe 107.8 FT
- 1-1/2" Dia Vent Pipe 101.2 FT
- 1/2" Dia Cold Water Pipe 51.4 FT
- 1/2" Dia Hot Water Pipe 84.2 FT
- 3/4" Dia Cold Water Pipe 25.8 FT
- 3/4" Dia Hot Water Pipe 26.2 FT
- 2" Dia Cold Water Pipe 20.5 FT
- 1-1/2" Dia Hot Water Pipe 16.0 FT
- 4" Dia Waste Pipe 69.6 FT
- 3" Dia Waste Pipe 23.3 FT
- 1-1/2" Dia Cold Water Pipe 41.9 FT
- Lavatory - P12 7.0 EA
- MoP Sink - P9 1.0 EA
- Water Closet - P1 6.0 EA
- Urinal - P8 1.0 EA
- Kitchen Sink - P7 2.0 EA
- 2" Dia Funnel Drain + Trap Primer 1.0 EA

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