

6 TAFT COURT RENOVATION PHASE 1

6 TAFT COURT
ROCKVILLE, MD 20850
DELTA PROJECT NO. 2019.331.004
12/23/2021 (PERMIT REVISIONS 04/01/2022)
IFB #08-22

INDEX OF DRAWINGS

CITY OF ROCKVILLE COMMENTS

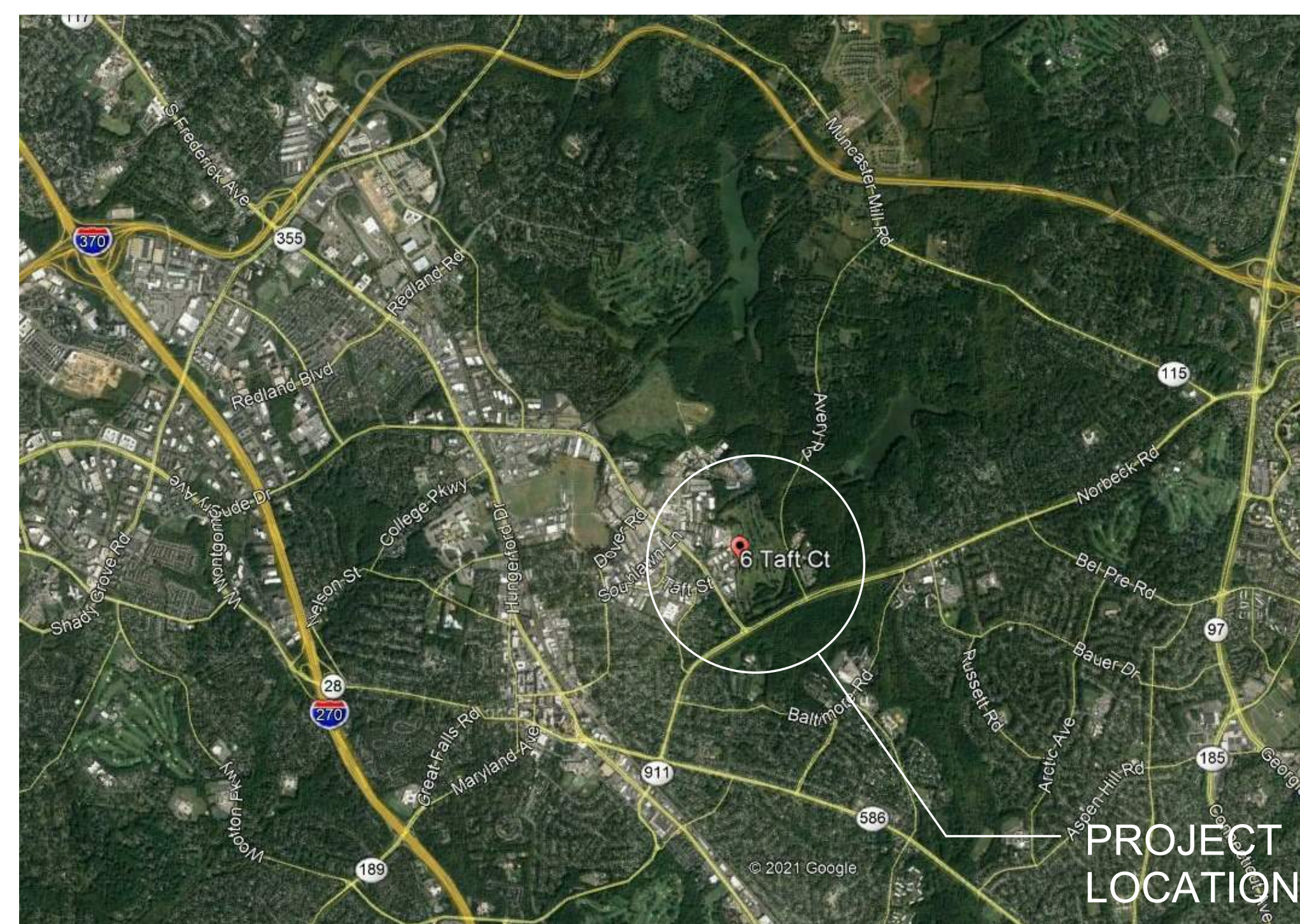
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PROJECT LOCATION



OWNER



CITY OF ROCKVILLE
6 TAFT COURT
ROCKVILLE, MD 20850

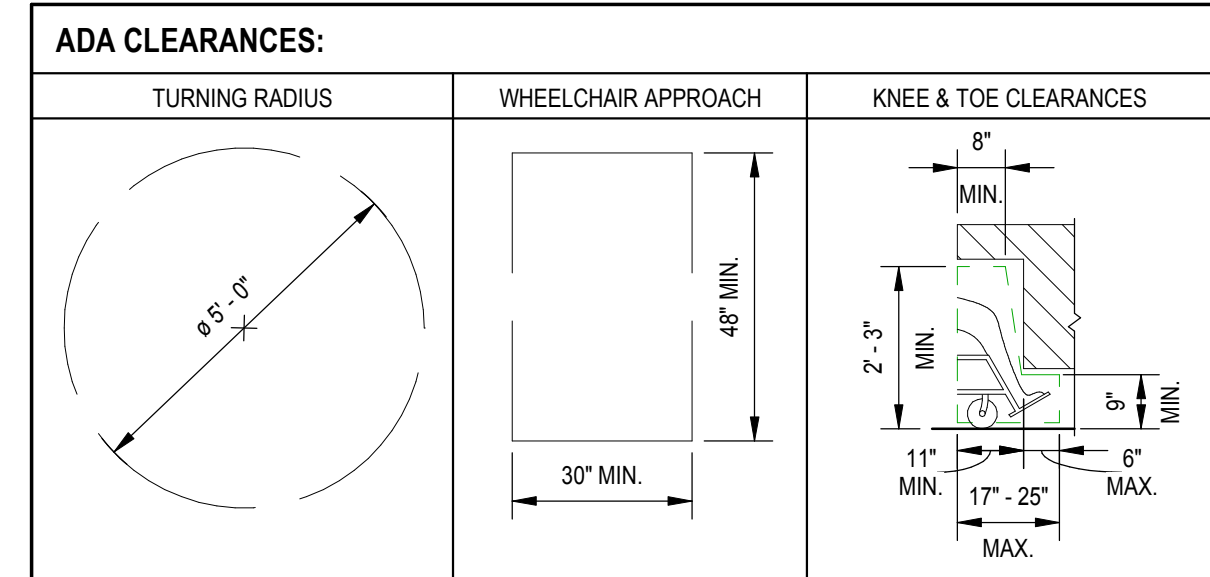
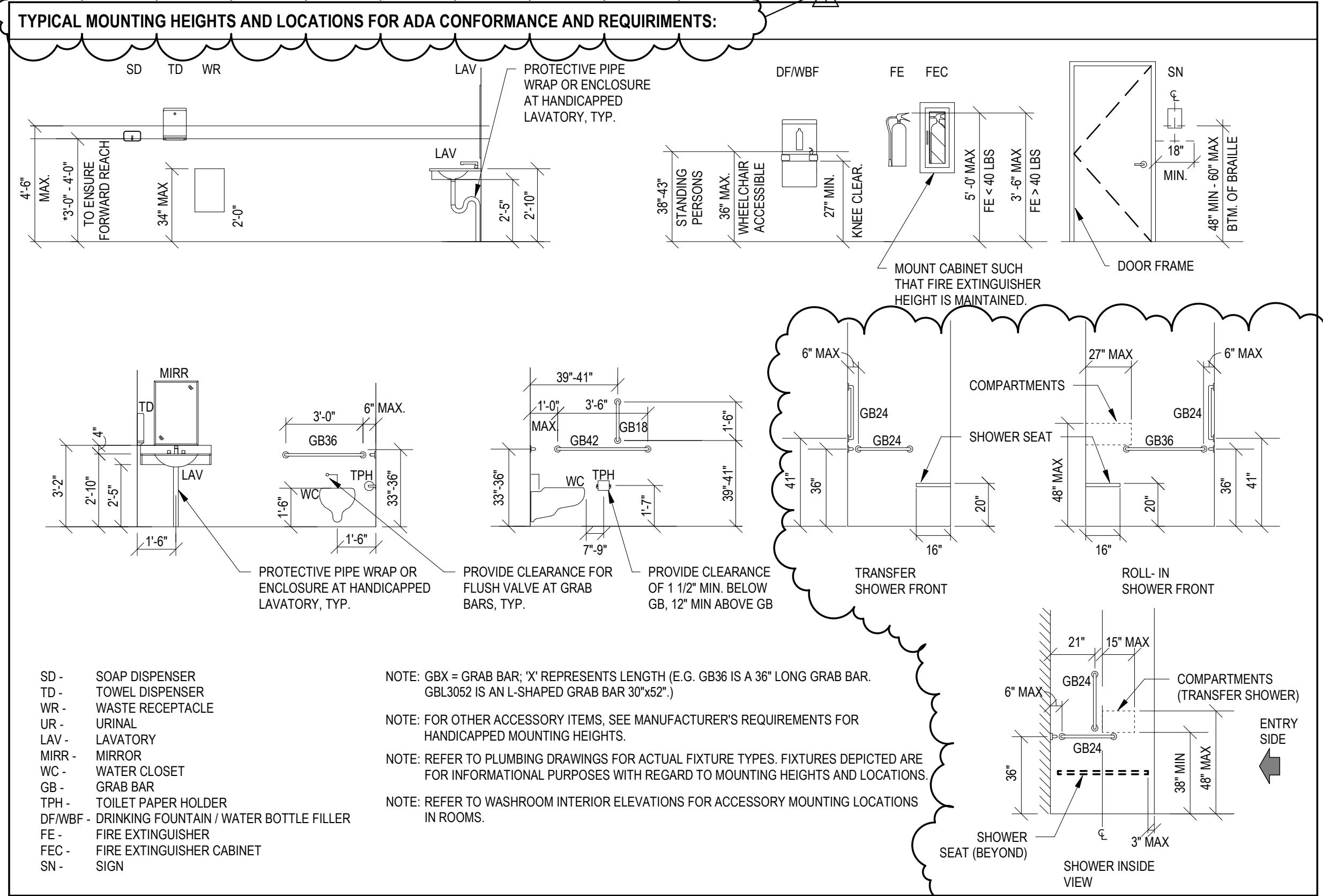


APPROVED BY CITY OF ROCKVILLE, MD
 DIRECTOR OF PUBLIC WORKS DATE
 SEPARATE BUILDING PERMIT(S) FROM INSPECTION
 SERVICES DIVISION ARE REQUIRED FOR ON-SITE
 CONSTRUCTION

G-001

ABBREVIATIONS	
A	ACOUSTICAL CEILING TILE
ACT	ADJACENT
ADJ	ADJACENT
AF	ADHESIVE FINISH FLOOR
ALUM	ALUMINUM
ANOD	ANODIZED
@	AT
B	BLOCKING
BLKG	BLOCKING
C	CABINET
CAB	CUBICLE CURTAIN TRACK
CG	CORNER WALL GUARD
CLG	CEILING
CLM	CONCRETE MASONRY UNIT
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT	CONTINUOUS
CORR	CORROSION
CSS	CLINICAL SERVICE SINK
CPT	CARPET
CT	CERAMIC TILE
D	DETAIL
DET	DIAMETER
DIA	DIAMETER
DR	DOOR
DWG	DRAWING
DWR	DRAWER
E	EACH
EA	END WALL GUARD
EG	ELECTRICAL
ELEV	ELEVATION
EMER	EMERGENCY
EQUIP	EQUIPMENT
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXT	EXTERIOR
F	FIRE ALARM
FA	FEET FOOT
FT	FLOOR DRAIN
FD	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FHS	FIRE HOSE STATION (CABINET)
FHV	FIRE HOSE VALVE CABINET
FLOR	FLOORING
FR	FRAME
FVC	FIRE VALVE CABINET
G	GALVANIZED
GALV	GRAB BAR
GB	GENERAL CONTRACTOR
GC	GOVT
GWB	GYPSON WALL BOARD
H	HOLLOWCORE
HC	HARDWARE
HOT	HEIGHT
HM	HOLLOW METAL
HORIZ	HORIZONTAL
I	INTEGRAL BASE
IB	INSIDE DIAMETER
ID	INCHES
INT	INTERIOR
INTEG	INTEGRAL
INTLK	INTERLOCK
L	LAMINATE(D)
LAM	LAVATORY
LAV	LENGTH
LB	LEFT HAND
LT	LEFT HAND REVERSE BEVEL
LHRB	LOOKERS
LOCK	LOUVER
LVR	WITHOUT WATERPROOFING
M	MEDICAL AIR
MA	MAXIMUM
MAX	MEDICAL/MEDICATIONS
MED	MANUFACTURER
MFR	MINIMUM
MIN	MISCELLANEOUS
MISC	MASONRY OPENING
MO	METAL
MTL	
N	NORTH NITROGEN
N	NURSE CALL
NC	NEGATIVE
NEC	NOT IN CONTRACT
NIC	NUMBER
NOM	NOMINANT
NTS	NOT TO SCALE
O	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OPPOSITE HAND
OJK	OXYGEN
OPN	OPENING
P	PLATE
PL	PLASTIC LAMINATE
PLAM	PLYWOOD
PLYWD	PANEL
PNL	PAINT
PNT	PAINT
PR	PART
PNT	PART(ED)
PR	PARTITION
R	RESILIENT BASE
RB	REFLECTED CEILING PLAN
RCP	REQUIRED
REQ	RESILIENT
RESIL	REVISED
REV	RIGHT HAND
RH	RIGHT HAND REVERSE BEVEL
RHRB	ROUGH OPENING
S	SOUTH
S	SOLID CORE WOOD
SCW	SEAL
SEAL	SECTION
SECT	SHEET
SHT	SIMILAR
SIM	SPECIFICATIONS
SPEC	SQUARE
SQ	SOLID SURFACE MATERIAL
SSM	STAINLESS STEEL
SS	SEAMLESS SHEET VINYL
SSV	STEEL
STL	STAIN
STN	STORAGE
STOR	STRUCTURAL SHEET VINYL
STR	TERRA COTTA
TC	TELEPHONE
TEL	TEMPORARY
TEMP	THICKNESS
THK	TOC
TOC	TOP OF CURB
TOIL	TOILET PARTITION
TPIN	TOILET
TV	TOP OF SLAB TOP OF STEEL
TYP	TELEVISION
TW	TOP OF WALL
TYP	TYPICAL
TZ	TERRAZZO
U	UNLESS NOTED OTHERWISE
UNO	UNLESS OTHERWISE NOTED
UNO	
V	VACUUM
VAC	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VIF	VERIFY IN FIELD
VWC	VINYL WALL COVERING
W	WEST
W	WITH
WI	WATER CLOSET
WC	WATER COOLER
WD	WALL COVERING
WS	WOOD
WH	WIRE GLASS
WG	WALL HUNG
WO	WITHOUT
WP	WATERPROOFING
WR	WATER RESISTANT
WS	WEATHERSTRIPPING
WST	WEIGHT
WT	

ANNOTATION SYMBOLS LEGEND:	
	REMOVAL KEY NOTE
	RENOVATION KEY NOTE
	DOOR TAG
	WINDOW TAG
	EXAMPLE
	WALL / PARTITION TYPE TAG
	DIMENSION STRING
	ELEVATION MARKER
	ROOM TAG
	NORTH ARROW
	DETAIL ELEVATION
	EXTERIOR ELEVATION
	CALLOUT LASSO
	BUILDING SECTION
	WALL SECTION
	DETAIL SECTION
	REVISION IDENTIFICATION
	REVISION NUMBER
	DOOR (EXISTING)
	DOOR (NEW CONSTRUCTION)
	EXISTING CONSTRUCTION (TO BE REMOVED)



GENERAL SIGNAGE NOTES

- SIGNAGE TO COMPLY WITH IBC, ANSI A117.1 AND ADA REQUIREMENTS.
- ALL TEXT TO BE FUTURA MEDIUM UPPER CASE.
- BRAILLE TO BE RAISED LETTERING GRADE I UPPER CASE.
- REFER TO G-002 FOR MOUNTING HEIGHT INFORMATION.
- REFER TO ELEVATIONS FOR SIGNAGE LOCATIONS AND ADDITIONAL INFORMATION.

FOR GENERAL ROOF NOTES:
SEE SHEET A-104

REMOVAL LINE TYPE LEGEND	
	EXISTING ITEM(S) / EQUIPMENT TO REMAIN
	EXISTING ITEM(S) / EQUIPMENT TO BE REMOVED
	EXISTING ITEM(S) / EQUIPMENT TO BE REMOVED

RENOVATION LINE TYPE LEGEND	
	EXISTING ITEM(S) / EQUIPMENT TO REMAIN
	ITEM(S) / EQUIPMENT TO BE PROVIDED

LINE TYPE LEGEND - ROOF	
	EXISTING TO REMAIN
	ROOF SYSTEM, FLASHING, EQUIPMENT, ITEMS TO BE PROVIDED

HATCH LEGEND	
	CONCRETE (CAST IN PLACE OR PRECAST)
	GYPSON WALL BOARD
	CONCRETE MASONRY
	BRICK
	EARTH
	UNDERBED MATERIAL
	RIGID INSULATION
	WOOD / LUMBER
	PLYWOOD
	STEEL
	BATT INSULATION

GENERAL PROJECT NOTES

- THESE NOTES LISTED BELOW ARE SUPPLEMENTAL AND SUPPORT DIVISION 1 AND OTHER PROJECT SPECIFICATIONS SECTIONS.
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE APPLICABLE STATE BUILDING CODE, LOCAL FIRE DEPARTMENT REGULATIONS, LOCAL UTILITY COMPANY REQUIREMENTS AND THE MOST CURRENT BEST TRADE PRACTICES.
- CONTRACTOR SHALL FURNISH ALL REQUIRED CERTIFICATION OF INSURANCE WITH THE CITY OF ROCKVILLE. OBTAIN A BUILDING PERMIT AND ANY OTHER REQUIRED PERMITS, AND PAY ALL FEES REQUIRED BY THE GOVERNING AUTHORITY. PRIOR TO THE COMMENCEMENT OF THE WORK.
- CONTRACTOR SHALL COORDINATE WORK PROCEDURES WITH REQUIREMENTS OF LOCAL AUTHORITIES AND THE OWNER/BUILDING MANAGEMENT.
- CONTRACTOR SHALL VISIT THE SITE OF THE PROPOSED WORK AND EXAMINE THE EXISTING CONDITIONS PRIOR TO BIDDING. THE CONTRACTOR SHALL VISIT ALL DIMENSIONS AND COMPARE THE EXISTING CONDITIONS TO THE DESIGN INTENT OF THE CONTRACT DOCUMENTS AND SHALL NOTIFY THE ARCHITECT OF ALL DISCREPANCIES OR QUALIFICATIONS WHICH MAY ARISE BEFORE SUBMITTING A BID. FAILURE TO NOTIFY WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF PERFORMING THE WORK AS INTENDED BY THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL FURNISH ALL MATERIALS, LABOR, SERVICES, ETC., TO COMPLETE THE WORK AS ESTABLISHED BY THE CONTRACT DOCUMENTS AND AS REASONABLY IMPLIED HEREIN.
- CONTRACTOR SHALL STORE MATERIALS ACCORDING TO THE MATERIAL MANUFACTURER'S RECOMMENDED PROCEDURES, REQUIREMENTS AND AS DIRECTED BY THE OWNER. MATERIALS SHALL BE PROTECTED FROM INCLEMENT WEATHER AND FROM POTENTIAL DAMAGE.
- ALL INFORMATION FOR TRADES CONTAINED WITHIN THE CONTRACT DOCUMENTS SHALL BE USED TOGETHER AND CONSIDERED WITH ONE ANOTHER AS A WHOLE BODY OF INFORMATION FOR THE PROJECT. NO CONTRACTOR OR SUBCONTRACTOR SHALL BE RELIEVED OF THE RESPONSIBILITY TO PROVIDE ALL ITEMS REQUIRED BY THE INFORMATION AND DESIGN INTENT AND AS NOTED BY THE DOCUMENT, REGARDLESS OF THE LOCATION OF THIS INFORMATION.
- FOLLOW FIGURED DIMENSIONS AND DO NOT SCALE CONTRACT DOCUMENTS. ALL DIMENSIONS GIVEN ON DRAWINGS ARE TO UNLESS NOTED OTHERWISE. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT THE APPROVAL OF THE ARCHITECT UNLESS NOTED.
- WORK NOT INDICATED ON A PART OF THE DRAWING BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE PROVIDED BY CONTRACTOR AT NO ADDITIONAL COST.
- MINOR DETAILS OR INCIDENTAL ITEMS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR A PROPER AND COMPLETE INSTALLATION OF ANY PART OF THE WORK SHALL BE INCLUDED AS REQUIRED AS IF THEY WERE INDICATED IN THE DRAWINGS.
- ALL CONSTRUCTION AND EQUIPMENT SHALL BE PROTECTED BY EACH CONTRACTOR DURING THE ENTIRE PERFORMANCE OF THEIR WORK. AREAS DISTURBED OR DAMAGED BY CONTRACTORS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- ALL UNKIND MATERIALS AND DEBRIS SHALL BE LEGALLY DISPOSED OF FROM THE PREMISES. NO ON-SITE STORAGE OR BURIAL OF DEBRIS SHALL BE ALLOWED. ALL DEBRIS SHALL BE SAFELY LOWERED DOWN TO DUMPSTERS FOR PROPER DISPOSAL. NO PILEUP OF DEBRIS SHALL BE PERMITTED.
- CONTRACTOR(S) SHALL COORDINATE ALL OPERATIONS WITH THE OWNER SUCH AS WORK AREAS USED FOR STORAGE, ACCESS TO AND FROM WORK AREAS, TIMING OF WORK, SPECIAL CONSIDERATIONS OF NOISY OPERATIONS, INTERRUPTIONS FOR MECHANICAL AND ELECTRICAL SERVICES, ETC. NO FLAMMABLE OR TOXIC MATERIALS SHALL BE STORED INSIDE THE BUILDING.
- UNLESS NOTED OTHERWISE, ALL DOORS ARE TO BE LOCATED AT 4 INCHES FROM INSIDE FACE OF PARTITION OR EDGE OF DOOR JAMB (WHICHEVER IS ONLY).
- INSTALL METAL TRIM ON GYPSON BOARD EDGES ABUTTING OTHER MATERIALS AND WHERE GYPSON BOARD IS STOPPED SHORT OF OTHER MATERIALS TO FORM A REVEAL OR RECESS. USE METAL CORNER BEADS ON EXTERIOR GYPSON BOARD CORNERS.
- CONTRACTOR TO COORDINATE ALL OPERATIONS WITH ASSOCIATED PARTIES AS DIRECTED BY OWNER OR OWNER'S REPRESENTATIVE.
- ALL SCRATCHES, DENTS, CRACKS, HOLES, OPENINGS, IRREGULARITIES, AND/OR DEFECTS IN BOTH EXISTING AND NEW WALL SURFACES ARE TO BE PATCHED TO PROVIDE A UNIFORM AND SMOOTH WALL SURFACE. CLEAN AND PREP SURFACE PRIOR TO APPLICATION OF FINISH MATERIALS.
- ALL FLOOR SURFACES SHALL BE STABLE, FIRM AND SUPPRESSANT AS PER ICC A117.1-2009.
- FULLY TAPE AND SEAL WALL AND ROOF SYSTEM ASSEMBLIES TO PROVIDE CONTINUOUS AIR BARRIER.
- CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND OR SEISMIC-FORCE-RESISTING SYSTEM, DESIGNATED SEISMIC SYSTEM OR A WIND- OR SEISMIC-RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE CODE ENFORCEMENT OFFICIAL AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN THE FOLLOWING:
 - ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS.
 - ACKNOWLEDGEMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE CODE OFFICIAL.
 - PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTORS' ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING, AND THE DISTRIBUTION OF THE REPORTS AND.
 - IDENTIFICATION AND QUALIFICATION OF THE PERSON(S) EXERCISING SUCH CONTROL AND THEIR POSITION(S) IN THE ORGANIZATION.

GENERAL ARCHITECTURAL NOTES

- GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS. NOTIFY THE ARCHITECT OF DISCREPANCIES PRIOR TO COMMENCING WORK. EXISTING CONDITIONS THAT WOULD EFFECT THE EXECUTION OF THE WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO COMMENCING THE WORK.
- ALL DIMENSIONS GIVEN ON PLANS ARE FROM FINISHED FACE TO FINISHED FACE UNLESS OTHERWISE NOTED. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT THE APPROVAL OF THE ARCHITECT UNLESS NOTED.
- GENERAL CONTRACTOR SHALL PROVIDE BLOCKING IN WALLS AS REQUIRED TO SUPPORT WALL MOUNTED ITEMS. LOCATE EQUIPMENT AND COORDINATE BLOCKING LOCATIONS IN FIELD.
- GENERAL CONTRACTOR SHALL PROVIDE PROTECTION OF EXISTING FINISHES AND/OR MATERIALS. RESTORE TO ORIGINAL CONDITIONS ANY AREAS OR FINISHES DAMAGED BY THE WORK, AT THE EXPENSE OF THE CONTRACTOR. REMOVE MEANS OF PROTECTION AT THE END OF THE PROJECT.
- ALL SCRATCHES, DENTS, CRACKS, HOLES, OPENINGS, IRREGULARITIES AND/OR DEFECTS IN BOTH EXISTING AND NEW CONSTRUCTION SURFACES ARE TO BE PATCHED TO PROVIDE A UNIFORM AND SMOOTH FINISHED SURFACE. CLEAN AND SAND SMOOTH ALL SURFACES BEFORE APPLYING FINISH MATERIALS.
- REMOVE ALL EXCESS BUILD-UP OF EXISTING AND/OR NEW WALL AND PAINT MATERIALS FROM ALL NEW AND EXISTING WALL SURFACES. CLEAN AND FINISH SAND SMOOTH TO PROVIDE A UNIFORM AND SMOOTH WALL SURFACE READY FOR THE APPLICATION OF FINISH MATERIALS.
- DIMENSIONS LOCATING DOORS OR INTERIOR WINDOWS ARE TO OUTSIDE EDGE OF FRAME UNLESS NOTED OTHERWISE. REFER TO DOOR & WINDOW SHEETS FOR FRAME TYPE, SIZE AND DETAILS.
- REFER TO FIRE PROTECTION, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

GENERAL REMOVAL NOTES

- ITEMS DESIGNATED ON PLAN BY DASHED LINE ARE EXISTING ELEMENTS TO BE REMOVED. SEE OTHER TRADE DRAWINGS FOR OTHER REMOVALS, INCLUDING MODIFICATIONS THAT MAY EXTEND BEYOND AREAS SHOWN.
- FOR DURATION OF PROJECT, PROTECT EXISTING CONSTRUCTION AND/OR EQUIPMENT TO REMAIN FROM DAMAGE OR CONSTRUCTION ACTIVITIES. WHERE CONSTRUCTION ACTIVITIES RESULT IN DAMAGE TO EXISTING CONSTRUCTION TO BE RETAINED, REPAIR/REPAIR EXISTING CONSTRUCTION TO RETURN IT TO ITS ORIGINAL CONDITION. WHERE REMOVAL OF EXISTING CONSTRUCTION, PIPING, DUCTWORK, AND OTHER ITEMS CREATES OPENINGS IN WALLS, FLOORS OR CEILINGS, PATCH OPENINGS IMMEDIATELY WITH SAME MATERIALS AS ADJACENT CONSTRUCTION AND/OR TO MAINTAIN REQUIRED FIRE RATING.
- PROVIDE FULL HEIGHT TEMPORARY CONSTRUCTION BARRIERS WHERE REQUIRED TO PREVENT DUST POLLUTION OF SURROUNDING OCCUPIED AREAS. SEAL AIR-TIGHT. PARTITIONS MUST BE INSTALLED IN ACCORDANCE WITH FIRE PROTECTION AND EGRESS REQUIREMENTS. MAINTAIN MEANS OF EGRESS ACCESS DURING CONSTRUCTION.
- CONTRACTOR SHALL TAKE PROPER MEASURES TO PREVENT DUST MIGRATION TO AREAS OUTSIDE THE CONSTRUCTION AREA BY CLOSING ALL OPENINGS IN DUCTS, WALLS, FLOORS AND CEILINGS. PROVIDE CONTINUOUS EXHAUST TO EXTERIOR TO MAINTAIN NEGATIVE PRESSURE IN CONSTRUCTION AREA.
- COORDINATE WITH OWNER FOR EQUIPMENT TO BE SALVAGED AND RETURNED TO OWNER. THE OWNER WILL RETAIN ALL SALVAGE THAT IS OF VALUE AS DESIGNATED BY THE USER OR BUILDING ENGINEER. THE CONTRACTOR SHALL REMOVE FROM THE BUILDING AND DISPOSE OF ALL DEBRIS AND/OR ITEMS NOT RETAINED BY OWNER.
- INSTALL ADHESIVE MATS INSIDE AND OUTSIDE EACH ACCESS DOOR TO CONSTRUCTION AREA.
- REFER TO OTHER TRADE DRAWINGS FOR REMOVAL OF MECHANICAL EQUIPMENT, DUCTWORK, PIPING, AND ELECTRICAL DEVICES.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE

SEREGATE BUILDING PERMIT(S) FROM INSPECTION SERVICES DIVISION ARE REQUIRED FOR ON-SITE CONSTRUCTION

Key Plan

No.	Permit Revisions	2022-04-01
	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1

ROCKVILLE MARYLAND

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Seal of State of Maryland
Phase IFB #08-22
Project No. 2019.331.004
Date 12/23/2021 (PERMIT REVISIONS 04/01/2022)

Drawing Title
LEGENDS, ABBREVIATIONS AND NOTES

Drawing No.

G-002

APPLICABLE CODES	
BUILDING CODE:	2018 International Building Code 2018 International Existing Building Code - ALTERATION LEVEL 2
STRUCTURAL CODE:	ACI 318-13 Building Code Requirements for Structural Concrete ACI 530-13 Building Code Requirements for Masonry Structures ASCE 7-10 Minimum Design Loads for Buildings & Other Structures AISC 360-10 Specification for Structural Steel Buildings 2020 International Building Code
ACCESSIBILITY CODE:	ICC/ANSI A117.1-09 Accessible and Usable Buildings and Facilities 2020 International Building Code (Chapter 11)
ENERGY CODE:	2018 International Energy Conservation Code
FIRE CODE:	2018 NFPA Codes
MECHANICAL CODE:	2018 International Mechanical Code
PLUMBING CODE:	2018 International Plumbing Code
ELECTRICAL CODE:	NFPA 70 - 2018 National Electrical Code NFPA 72 - 2018 National Fire Alarm Code NFPA 110 - 2018 Emergency and Standby Power Systems Illuminating Engineering Society (IES) Design Guidelines

BUILDING DATA	
FUNCTION:	OFFICES
CLASSIFICATION:	BUSINESS (B)
SEPARATION:	N/A
CONSTRUCTION TYPE:	II-B
FIRE PROTECTION:	AUTOMATIC FIRE PROTECTION SYSTEM PER NFPA 13 - 903.2.5

HEIGHT AND AREA (PER FIRE AREA)				
ALLOWABLE HEIGHT AND AREA (PER TABLES 504.3, 504.4, AND 506.2)				
GROUP	MAX. ALLOW. HT. (FT)	ACTUAL HT. (FT)	MAX. ALLOW. AREA (SQ.FT.FLR)	ACTUAL (SQ.FT.FLR)
B	75'	44'-0"	69,000	54,000

BUILDING OCCUPANCY LOAD					
ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY FACTOR	IBC OCCUPANTS	NFPA OCCUPANTS

100	VESTIBULE	60 SF			
101	LOBBY	2,014 SF			
110	FITNESS	1,010 SF	50	21	50
111	CLOSET	31 SF			21
120	CORRIDOR	425 SF			
121	SMALL CONFERENCE	198 SF	15	11	15
122	MEDIUM CONFERENCE	299 SF	15	18	15
123	LARGE CONFERENCE	407 SF	15	28	18
125	GENDER NEUTRAL RESTROOM	63 SF	0	0	0
126	GENDER NEUTRAL RESTROOM	66 SF	0	0	0
127	GENDER NEUTRAL RESTROOM	67 SF	0	0	0
128	ELECTRICAL	21 SF			
130	CORRIDOR	268 SF			
131	BREAK ROOM	524 SF	15	35	15
132	UNION OFFICE	130 SF	150	1	150
134	JANITOR / UTILITY	48 SF			
140	PUBLIC WORKS	318 SF	150	3	150
141	CREW SUPERVISOR I	81 SF	150	1	150
142	CREW SUPERVISOR I	79 SF	150	1	150
143	CREW SUPERVISOR I	79 SF	150	1	150
144	CREW SUPERVISOR I	79 SF	150	1	150
145	CREW SUPERVISOR I	82 SF	150	1	150
146	CREW SUPERVISOR I	85 SF	150	1	150
147	CREW SUPERVISOR I	85 SF	150	1	150
148	CREW SUPERVISOR I	82 SF	150	1	150
149	CREW SUPERVISOR I	96 SF	150	1	150
150	CREW SUPERVISOR I	97 SF	150	1	150
152	IT CLOSET	34 SF			
152.1	STORAGE	35 SF	300	1	900
168	MEETING / EVALUATION	112 SF	150	1	150
170	LOCKER	836 SF	50	17	15
171	RESTROOM / SHOWER	740 SF	0	0	0
172	RECREATION & PARKS	727 SF	150	5	150
173	VESTIBULE	105 SF			5
190	VESTIBULE	51 SF			
191	MECH	107 SF			
S101	STAIR 1	111 SF			190

201	LOBBY	719 SF			
220	CORRIDOR	1,357 SF			
221	HR SATELLITE	94 SF	150	1	150
222	FACILITIES PROPERTY MANAGER	130 SF	150	1	150
223	PARKS MAINTENANCE SPECIALIST	122 SF	150	1	150
224	HORTICULTURIST	118 SF	150	1	150
225	CITY FORESTER	132 SF	150	1	150
226	PARKS MAINTENANCE MANAGER	115 SF	150	1	150
227	PARKS MAINTENANCE MANAGER	114 SF	150	1	150
228	SUPERINTENDENT OF PARKS & FACILITIES	196 SF	150	2	150
229	PARKS & FACILITIES MANAGER	118 SF	150	1	150
230	ADMIN SPECIALIST	116 SF	150	1	150
231	ADMIN ASSISTANT	122 SF	150	1	150
233	COPY / STORAGE	334 SF	300	2	500
233	JANITOR	17 SF			
234	GENDER NEUTRAL RESTROOM	66 SF	0	0	0
235	GENDER NEUTRAL RESTROOM	66 SF	0	0	0
236	GENDER NEUTRAL RESTROOM	68 SF	0	0	0
237	GENDER NEUTRAL RESTROOM	63 SF	0	0	0
238	BREAK ROOM	260 SF	15	18	15
239	STORAGE	9 SF	300	1	500
240	IT SERVER	214 SF	300	1	500
241	STORAGE	10 SF	300	1	500
242	IT SATELLITE	94 SF	150	1	150
243	ELEC	24 SF			
250	OPERATIONS MAINTENANCE ASSISTANT SUPERINTENDENT	122 SF	150	1	150
251	OPERATIONS MAINTENANCE ASSISTANT SUPERINTENDENT	122 SF	150	1	150
252	OPERATIONS MAINTENANCE ASSISTANT SUPERINTENDENT	119 SF	150	1	150
253	ADMIN ASSISTANT	117 SF	150	1	150
254	ADMIN SPECIALIST	114 SF	150	1	150
255	SECRETARY	84 SF	150	1	150
256	OPERATIONS MAINTENANCE SUPERINTENDENT	196 SF	150	2	150
257	RECYCLING AND REFUSE SUPERINTENDENT	129 SF	150	1	150
258	COPY/STORAGE	335 SF	300	2	500
260	DISPATCH OPERATOR	115 SF	150	1	150
261	CONFERENCE / PIO / M&C / MEDIA	165 SF	30	6	30
262	EOC MANAGER	119 SF	150	1	150
263	EOC	714 SF	15	48	15
264	TRAINING	584 SF	15	39	15
265	POLICE DISPATCH	83 SF	150	1	150
S102	STAIR 1	129 SF			

THIRD FLOOR					
301	LOBBY	9,995 SF			
		9,995 SF	0		0
GRAND TOTAL		27,490 SF	284		331

PLUMBING FIXTURES					
FIXTURE REQUIREMENTS PER IBC TABLE 2902.1					
OCCUPANCY	WATER CLOSETS	LAVATORY	BATH / SHOWER	DRINKING FOUNTAIN	SERVICE SINK
B	MALE 125 (PER 50) 150 (PER 40)	FEMALE 125 (PER 40) 150 (PER 40)	MALE 150 (PER 40) 150 (PER 40)	FEMALE 150 (PER 40) 150 (PER 40)	N/A
REQUIRED NUMBER OF TOILET FIXTURES / NUMBER OF TOILET FIXTURES PROVIDED					
OCCUPANCY	WATER CLOSETS	LAVATORY	BATH / SHOWER	DRINKING FOUNTAIN	SERVICE SINK
B 1st FL	3	3	2	2	N/A
B 2nd FL	3	3	2	2	N/A
1st FL TOTAL	6 / 9		4 / 4		1 / 1
2nd FL TOTAL	6 / 4		4 / 4		1 / 1

INTERIOR FINISH REQUIREMENTS	
PER IBC TABLE 803.13 (SPRINKLERED)	OCCUPANCY B
	REQ. CLASS B
ACTUAL CLASS B	
INTERIOR EXIT STAIRWAYS AND RAMP AND EXIT PASSAGEWAYS	CLASS C
CORRIDORS AND ENCLOSURES FOR EXIT ACCESS STAIRS AND RAMPS	CLASS C
ROOMS AND ENCLOSED SPACES	CLASS C

EGRESS			
COMPONENT	ALLOWABLE	ACTUAL	CODE REF.
EXIT ACCESS TRAVEL DISTANCE - MAXIMUM	300'	132'-10"	IBC 1017.2
COMMON PATH OF TRAVEL - MAXIMUM	100'	86'-0"	IBC 1006.2.1
DEAD END CORRIDOR - MAXIMUM	50'	20'-8 1/4"	IBC 1020.4
# OF ACCESSIBLE MEANS OF EGRESS	5	5	IBC 1009.1
MINIMUM CORRIDOR WIDTH	44"	58"	IBC 1020.2
MINIMUM EGRESS DOOR WIDTH	32"	36"	IBC 1010.1.1
MINIMUM STAIR WIDTH	EXISTING	EXISTING	IBC 1011.2
MINIMUM STAIR HEADROOM	EXISTING	EXISTING	IBC 1011.3
TREAD DEPTH / MAXIMUM HEIGHT	EXISTING	EXISTING	IBC 1011.5.2
MAXIMUM STAIR VERTICAL RISE	EXISTING	EXISTING	IBC 1011.8

FIRE RESISTANCE RATING - TYPE II-B			
COMPONENT	REQ'D HOURS	ACTUAL	CODE REF.
STRUCTURAL FRAME	0	0	IBC TABLE 601
BEARING WALLS - INTERIOR AND EXTERIOR	0	0	IBC TABLE 601
NON BEARING WALLS AND INTERIOR PARTITIONS	0	0	IBC TABLE 601
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	0	0	IBC TABLE 601
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	0	0	IBC TABLE 601
EXIT ENCLOSURES	1	1	IBC 1023.2
FIRE BARRIERS	2	2	IBC 707.3
CORRIDORS	0	0	IBC TABLE 1020.1

OPENING PROTECTIVES REQUIREMENTS		
TYPE OF ASSEMBLY	MINIMUM FIRE DOOR RATING	CODE REF.
FIRE BARRIER (2 HR)	90 MINUTE	IBC TABLE 716.1(2)
FIRE BARRIER (1 HR)	45 MINUTE	
CORRIDOR WALLS 1 HR	20 MINUTE	

ENERGY CODE			
CLIMATE ZONE (TABLE C301.1)	COMPLIANCE PATH (C402)		
ZONE 4	PRESCRIPTIVE		
BUILDING ENVELOPE	R-VALUE METHOD	U-FACTOR METHOD	CODE REF.
	REQUIRED	ACTUAL	
ROOF			
INSULATION ABOVE ROOF DECK	R-30ci	R-30ci	
WALLS (ABOVE GRADE)			
METAL FRAMED	R-13 + R-7.5ci	R-13 + R-7.5ci	
BELOW GRADE WALLS	R-7.5ci	N/A	
FLOORS - JOIST/FRAMING	R-30	N/A	
BLUOWGRADE WALLS			
UNHEATED SLABS	R-10 FOR 24" BELOW	R-10 FOR 24" BELOW	
DOORS			
NON-SWINGING OPAQUE DOORS	R-4.75	R-4.75	
SWINGING DOORS			
	U-0.37	U-0.37	

FINISHMENTS			
FIXED	U-0.36	U-0.36	
OPERABLE	U-0.36	U-0.36	
ENTRANCE DOORS	U-0.36	U-0.36	
SHGC	0.4	0.4	

LIFE SAFETY LEGEND	
1 HOUR FIRE RESISTANCE RATING	
2 HOUR FIRE RESISTANCE RATING	
PRIMARY EGRESS PATH	
TRAVEL DISTANCE TO EXIT	
MOST REMOTE POINT OF EGRESS ACCESS	
MRP	
EXIT DISCHARGE	
ROOM NAME	
ROOM AREA	
OCCUPANTS	
OCCUPANT LOAD FACTOR	
FIRE EXTINGUISHER	
FIRE EXTINGUISHER CABINET	

BUILDING OCCUPANCY LOAD					
ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY FACTOR	IBC OCCUPANTS	NFPA OCCUPANTS

100	VESTIBULE	60 SF			
101	LOBBY	2,014 SF			
110	FITNESS	1,010 SF	50	21	50
111	CLOSET	31 SF			21
120	CORRIDOR	425 SF			
121	SMALL CONFERENCE	198 SF	15	11	15
122	MEDIUM CONFERENCE	299 SF	15	18	15
123	LARGE CONFERENCE	407 SF	15	28	18
125	GENDER NEUTRAL RESTROOM	63 SF	0	0	0
126	GENDER NEUTRAL RESTROOM	66 SF	0	0	0
127	GENDER NEUTRAL RESTROOM	67 SF	0	0	0
128	ELECTRICAL	21 SF			
130	CORRIDOR	268 SF			
131	BREAK ROOM	524 SF	15	35	15
132	UNION OFFICE	130 SF	150	1	150
134	JANITOR / UTILITY	48 SF			
140	PUBLIC WORKS	318 SF	150	3	150
141	CREW SUPERVISOR I	81 SF	150	1	150
142	CREW SUPERVISOR I	79 SF	150	1	150
143	CREW SUPERVISOR I	79 SF	150	1	150
144	CREW SUPERVISOR I	79 SF	150	1	150
145	CREW SUPERVISOR I	82 SF	150	1	150
146	CREW SUPERVISOR I	85 SF	150	1	150
147	CREW SUPERVISOR I	85 SF	150	1	150
148	CREW SUPERVISOR I	82 SF	150	1	150
149	CREW SUPERVISOR I	96 SF	150	1	150
150	CREW SUPERVISOR I	97 SF	150	1	150
152	IT CLOSET	34 SF			
152.1	STORAGE	35 SF	300	1	900
168	MEETING / EVALUATION	112 SF	150	1	150
170	LOCKER	836 SF	50	17	15
171	RESTROOM / SHOWER	740 SF	0	0	0
172	RECREATION & PARKS	727 SF	150	5	150
173	VESTIBULE	105 SF			5
190	VESTIBULE	51 SF			
191	MECH	107 SF			
S101	STAIR 1	111 SF			190

THIRD FLOOR					
301	LOBBY	9,995 SF			
		9,995 SF	0		0
GRAND TOTAL		27,490 SF	284		331

BUILDING OCCUPANCY LOAD					
ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY FACTOR	IBC OCCUPANTS	NFPA OCCUPANTS

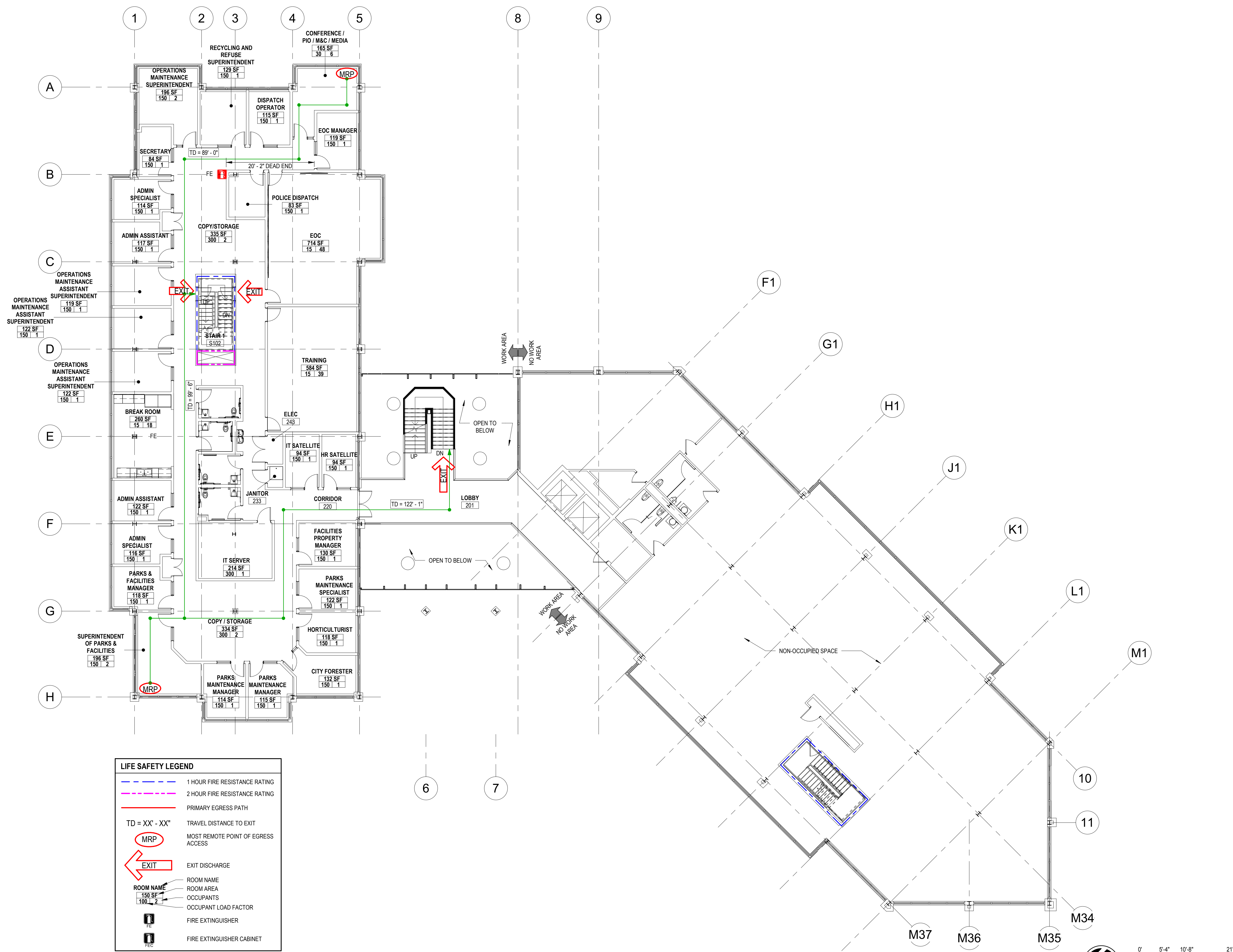
BUILDING OCCUPANCY LOAD	
ROOM NUMBER	



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
SERVICES DIVISION ARE REQUIRED FOR ON-SITE
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BUILDING OCCUPANCY LOAD						
ROOM NUMBER	ROOM NAME	AREA	OCCUPANT LOAD FACTOR IBC	IBC OCCUPANTS	OCCUPANT LOAD FACTOR NFPA	NFPA OCCUPANTS
FIRST FLOOR						
100	VESTIBULE	60 SF				
101	LOBBY	2,014 SF				
110	FITNESS	1,010 SF	50	21	50	21
111	CLOSET	33 SF				
120	CORRIDOR	425 SF				
121	SMALL CONFERENCE	158 SF	15	11	15	11
122	MEDIUM CONFERENCE	299 SF	15	18	15	18
123	LARGE CONFERENCE	407 SF	15	28	15	28
125	GENDER NEUTRAL RESTROOM	63 SF	0	0	0	0
126	GENDER NEUTRAL RESTROOM	66 SF	0	0	0	0
127	GENDER NEUTRAL RESTROOM	67 SF	0	0	0	0
128	ELECTRICAL	21 SF				
130	CORRIDOR	266 SF				
131	BREAK ROOM	524 SF	15	35	15	35
132	UNION OFFICE	130 SF	150	1	150	1
134	JANITOR / UTILITY	48 SF				
140	PUBLIC WORKS	318 SF	150	3	150	3
141	CREW SUPERVISOR I	81 SF	150	1	150	1
142	CREW SUPERVISOR I	79 SF	150	1	150	1
143	CREW SUPERVISOR I	79 SF	150	1	150	1
144	CREW SUPERVISOR I	79 SF	150	1	150	1
145	CREW SUPERVISOR I	82 SF	150	1	150	1
146	CREW SUPERVISOR I	95 SF	150	1	150	1
147	CREW SUPERVISOR I	85 SF	150	1	150	1
148	CREW SUPERVISOR I	82 SF	150	1	150	1
149	CREW SUPERVISOR I	96 SF	150	1	150	1
150	CREW SUPERVISOR I	97 SF	150	1	150	1
152	IT CLOSET	34 SF				
152.1	STORAGE	35 SF	300	1	500	1
168	MEETING / EVALUATION	112 SF	150	1	150	1
170	LOCKER	836 SF	50	17	15	56
171	RESTROOM / SHOWER	740 SF	0	0	0	0
172	RECREATION & PARKS	727 SF	150	5	150	5
173	VESTIBULE	105 SF				
190	VESTIBULE	51 SF				
191	MECH	107 SF				
S101	STAIR 1	111 SF				
		9,884 SF		151		190
SECOND FLOOR						
201	LOBBY	719 SF				
220	CORRIDOR	1,357 SF				
221	HR SATELLITE	84 SF	150	1	150	1
222	FACILITIES PROPERTY MANAGER	130 SF	150	1	150	1
223	PARKS MAINTENANCE SPECIALIST	122 SF	150	1	150	1
224	HORTICULTURIST	118 SF	150	1	150	1
225	CITY FORESTER	132 SF	150	1	150	1
226	PARKS MAINTENANCE MANAGER	115 SF	150	1	150	1
227	PARKS MAINTENANCE MANAGER	114 SF	150	1	150	1
228	SUPERINTENDENT OF PARKS & FACILITIES	196 SF	150	2	150	2
229	PARKS & FACILITIES MANAGER	118 SF	150	1	150	1
230	ADMIN SPECIALIST	116 SF	150	1	150	1
231	ADMIN ASSISTANT	122 SF	150	1	150	1
233	COPY / STORAGE	334 SF	300	2	500	1
233	JANITOR	17 SF				
234	GENDER NEUTRAL RESTROOM	66 SF	0	0	0	0
235	GENDER NEUTRAL RESTROOM	66 SF	0	0	0	0
236	GENDER NEUTRAL RESTROOM	88 SF	0	0	0	0
237	GENDER NEUTRAL RESTROOM	53 SF	0	0	0	0
238	BREAK ROOM	260 SF	15	18	15	18
239	STORAGE	9 SF	300	1	500	1
240	IT SERVER	214 SF	300	1	500	1
241	STORAGE	10 SF	300	1	500	1
242	IT SATELLITE	94 SF	150	1	150	1
243	ELEC	24 SF				
250	OPERATIONS MAINTENANCE ASSISTANT SUPERINTENDENT	122 SF	150	1	150	1
251	OPERATIONS MAINTENANCE ASSISTANT SUPERINTENDENT	122 SF	150	1	150	1
252	OPERATIONS MAINTENANCE ASSISTANT SUPERINTENDENT	119 SF	150	1	150	1
253	ADMIN ASSISTANT	117 SF	150	1	150	1
254	ADMIN SPECIALIST	114 SF	150	1	150	1
255	SECRETARY	84 SF	150	1	150	1
256	OPERATIONS MAINTENANCE SUPERINTENDENT	196 SF	150	2	150	2
257	RECYCLING AND REFUSE SUPERINTENDENT	129 SF	150	1	150	1
258	COPY/STORAGE	335 SF	300	2	500	1
260	DISPATCH OPERATOR	115 SF	150	1	150	1
261	CONFERENCE / PIO / M&C / MEDIA	165 SF	30	6	30	6
262	EOC MANAGER	119 SF	150	1	150	1
263	EOC	714 SF	15	48	15	48
264	TRAINING	584 SF	15	39	15	39
265	POLICE DISPATCH	83 SF	150	1	150	1
S102	STAIR 1	129 SF				
		7,911 SF		143		141
THIRD FLOOR						
301	LOBBY	9,995 SF				
		9,995 SF		0		0
GRAND TOTAL		27,490 SF		294		331

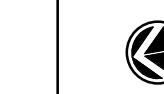
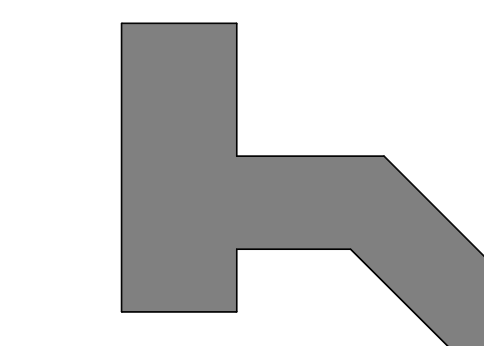


LIFE SAFETY LEGEND

- 1 HOUR FIRE RESISTANCE RATING
- 2 HOUR FIRE RESISTANCE RATING
- PRIMARY EGRESS PATH
- TRAVEL DISTANCE TO EXIT
- MOST REMOTE POINT OF EGRESS ACCESS
- EXIT DISCHARGE
- ROOM NAME
- ROOM AREA
- OCCUPANTS
- OCCUPANT LOAD FACTOR
- FIRE EXTINGUISHER
- FIRE EXTINGUISHER CABINET

1 SECOND FLOOR LIFE SAFETY PLAN
G-004 SCALE: 3/32" = 1'-0"

Key Plan



TRUE NORTH

SCALE: 1" = 100'-0"

No.	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

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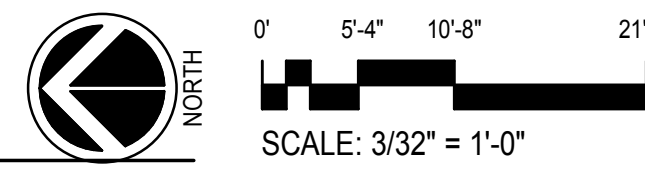
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Phase
IFB #08-22
Project No.
2019.331.004
Date
12/23/2021 (PERMIT REVISIONS)
04/01/2022

Drawing Title
LIFE SAFETY PLAN

Drawing No.

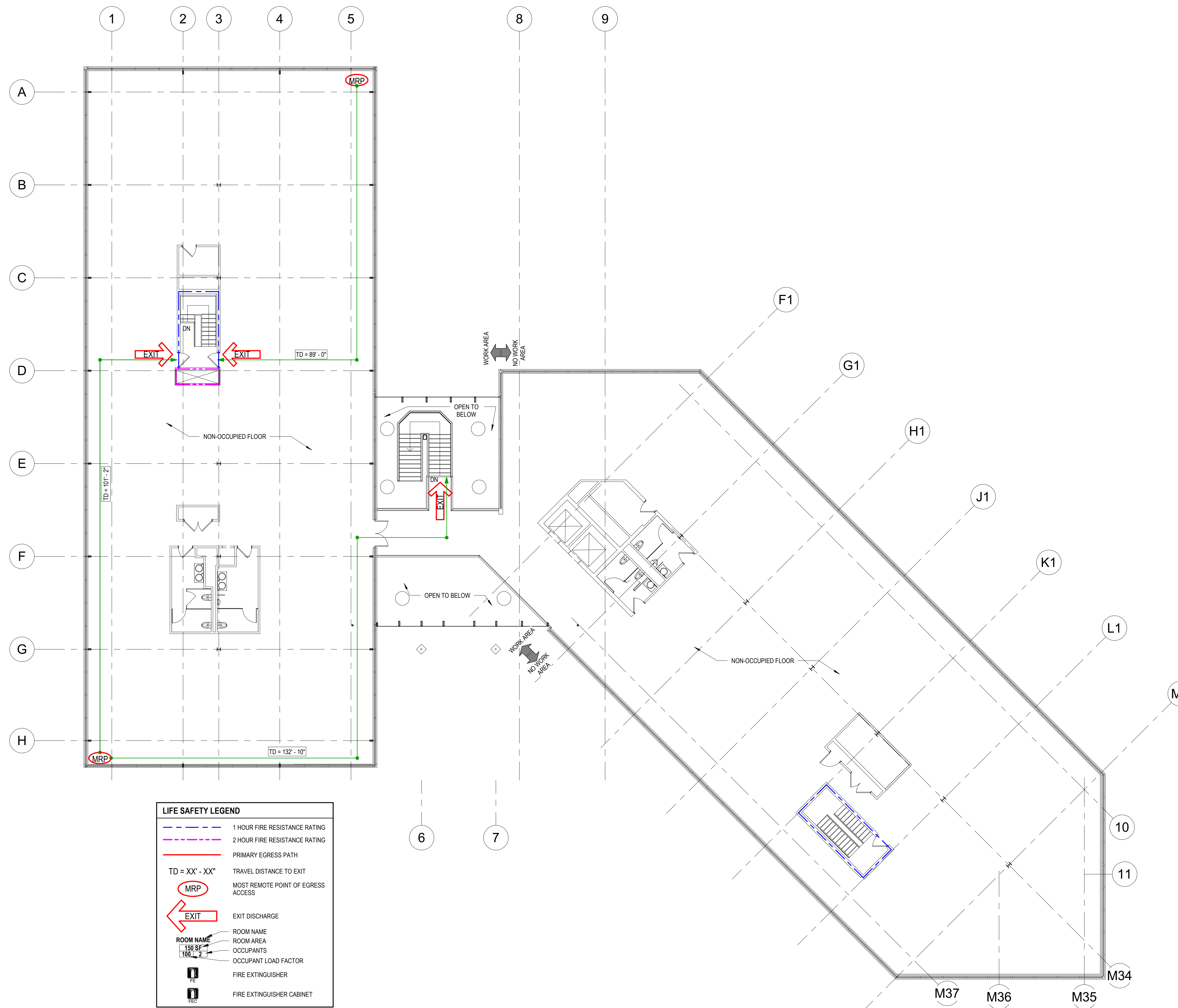
G-004





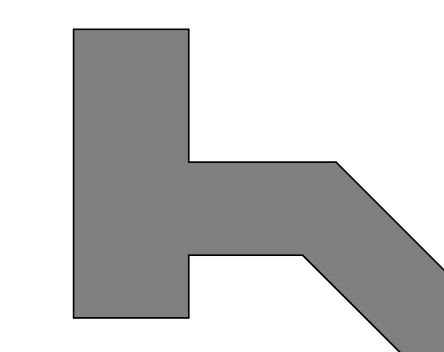
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DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
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CONSTRUCTION



1 THIRD FLOOR LIFE SAFETY PLAN
G-005 SCALE: 3/32" = 1'-0"

Key Plan



SCALE: 1" = 100'-0"

No. Revision Date

Project Name

CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1

ROCKVILLE MARYLAND

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Seal Phase

IFB #08-22

Project No.

2019.331.004

Date

12/23/2021 (PERMIT)

REVISIONS

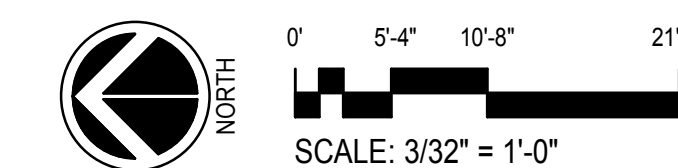
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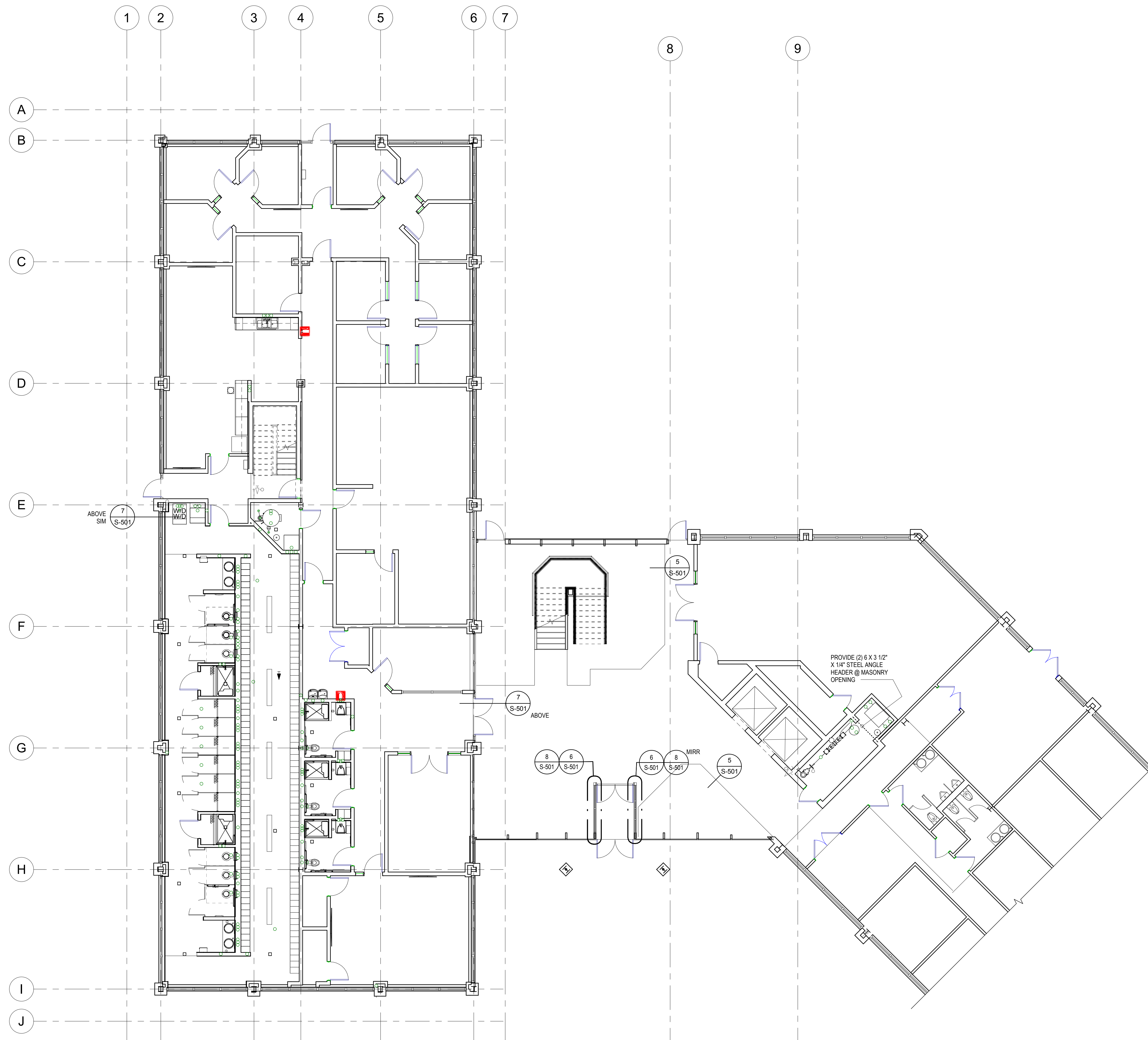
Drawing Title

LIFE SAFETY PLAN

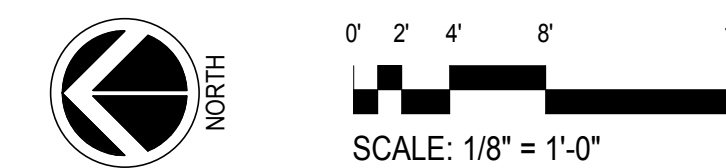
Drawing No.

G-005





1 FIRST FLOOR
S-101 SCALE: 1/8" = 1'-0"



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
SEPERATE BUILDING PERMIT(S) FROM INSPECTION
SERVICES DIVISION ARE REQUIRED FOR ON-SITE
CONSTRUCTION

Key Plan

No.	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

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	Phase 90% SUBMISSION
	Project No. 2019.331.004
Date 12/23/21	

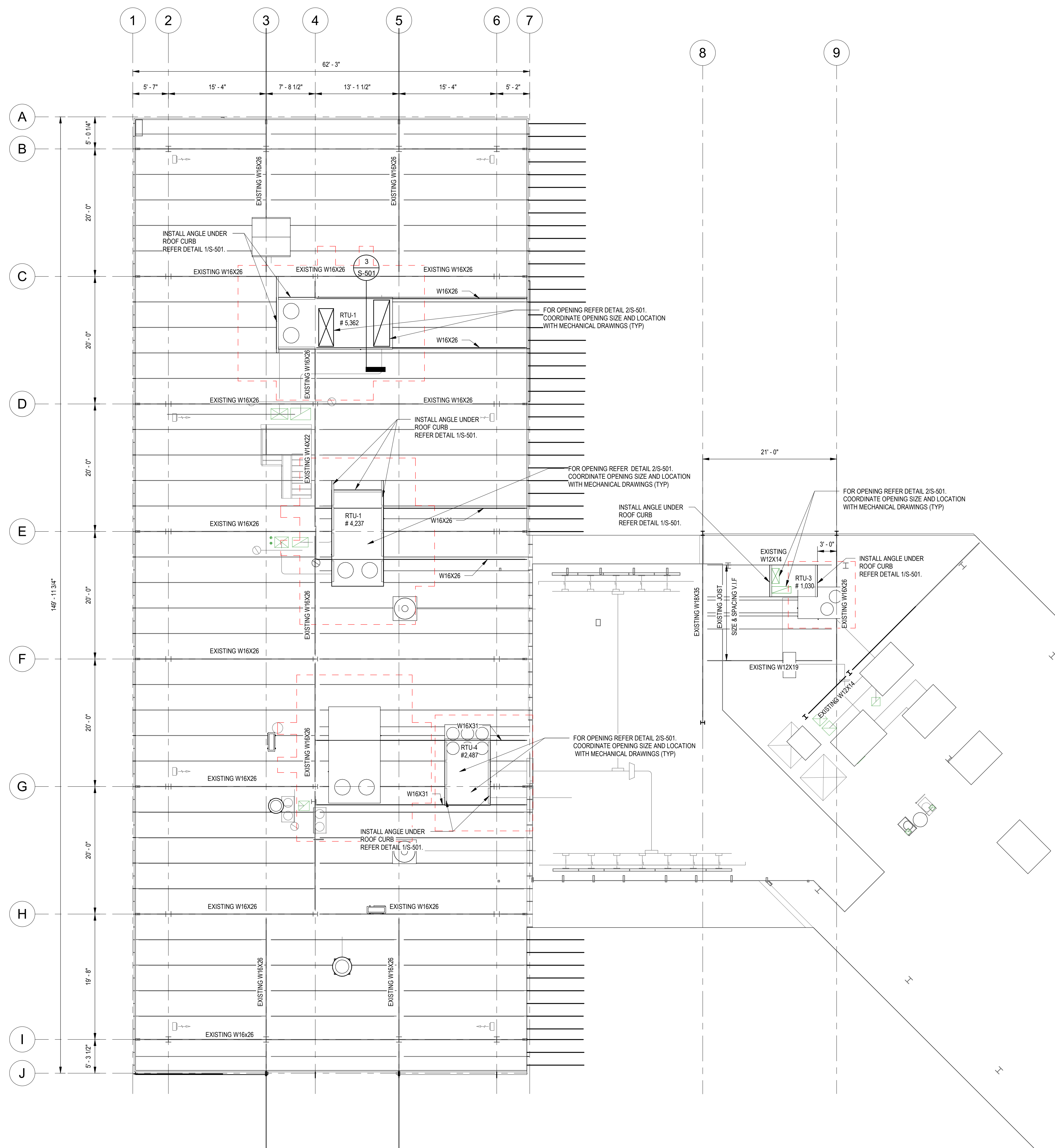
Drawing Title
FIRST FLOOR RENOVATION
PLAN

Drawing No.
S-101



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
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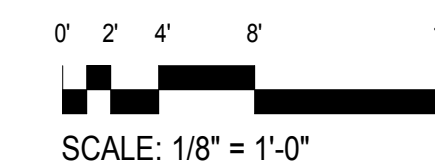
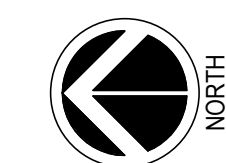


1 ROOF PLAN
S-104 SCALE: 1/8" = 1'-0"

NOTES

- EXISTING ROOF FRAMING AND FINAL RECONFIGURATION REQUIREMENTS TO BE DETERMINED WITH STRUCTURAL ENGINEER OF RECORD FOLLOWING REMOVAL OF FINISHED CEILING IN THIS AREA PER SHEET AD-103. CONTRACTOR SHALL CARRY AN ALLOWANCE FOR NEW STEEL FRAMING AND RE-ROOFING COMPARABLE TO THE WORK ASSOCIATED WITH AHU-2.
- EXISTING BEAMS SHOWN ARE ONLY ASSUMED DUE TO THE ABSENCE OF AS-BUILT DRAWINGS AND INSUFFICIENT FIELD DATA. ADDITIONAL INFORMATION OF ROOF FRAMING MAY BE REQUIRED DURING CONSTRUCTION.
- SINCE ACCESS TO BEAMS AT ROOF PERIMETER WAS NOT AVAILABLE DURING DESIGN, BEAM DESIGNATIONS ARE UNKNOWN. CONTRACTOR TO PROVIDE BEAM DEPTH, FLANGE WIDTH AND FLANGE THICKNESS TO EOR ONCE ACCESS IS OBTAINED.
- THE CONTRACTOR NEEDS TO VERIFY SIZES AND SPACING OF EXISTING FRAMING. DESIGN MAY BE CHANGED AFTER FIELD VERIFICATION.
- THE EXISTING BEAM AT GRID 4 BETWEEN GRID D AND E IS ASSUMED TO BE A W14X22. DURING CONSTRUCTION, DOCUMENT THE SIZE OF THIS BEAM AND PROVIDE TO THE EOR FOR REVIEW. REVIEW MAY DETERMINE THAT THIS BEAM MAY NEED TO BE REINFORCED.

DESIGN LOADS:
TOTAL DEAD LOAD (DL) = 25 PSF
ROOF LIVE LOAD (LL) = 20 PSF
SNOW LOAD = 20 PSF



Key Plan

No.	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

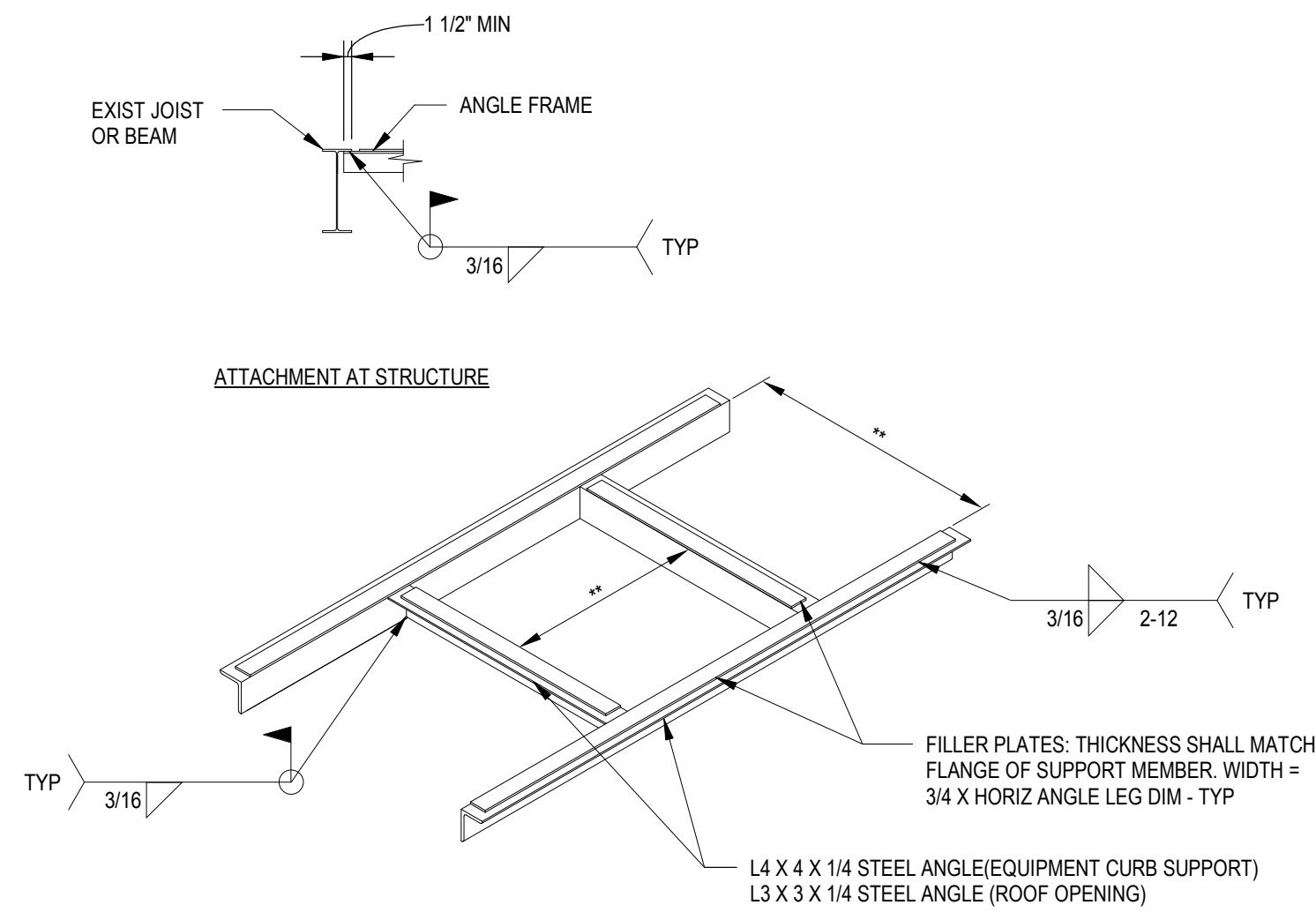
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Seal: PROFESSIONAL ENGINEER, STATE OF MARYLAND, No. 11193, EXPIRES 12/31/2023, 2021-12-30

Phase: 90% SUBMISSION
Project No.: 2019.331.004
Date: 12/23/21

Drawing Title
ROOF PLAN

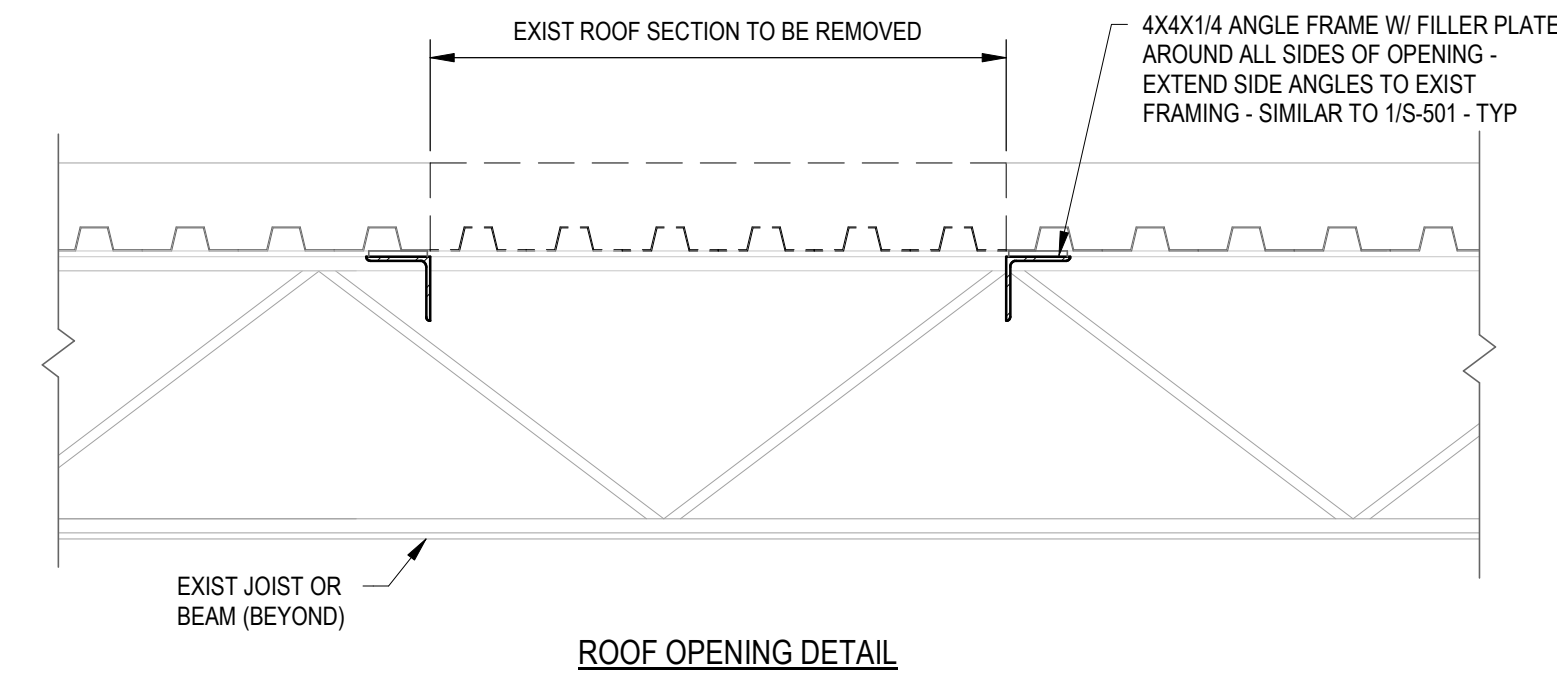
Drawing No.
S-104



ROOF OPENING FRAME AND/OR EQUIPMENT CURB SUPPORT FRAME (ISOMETRIC)

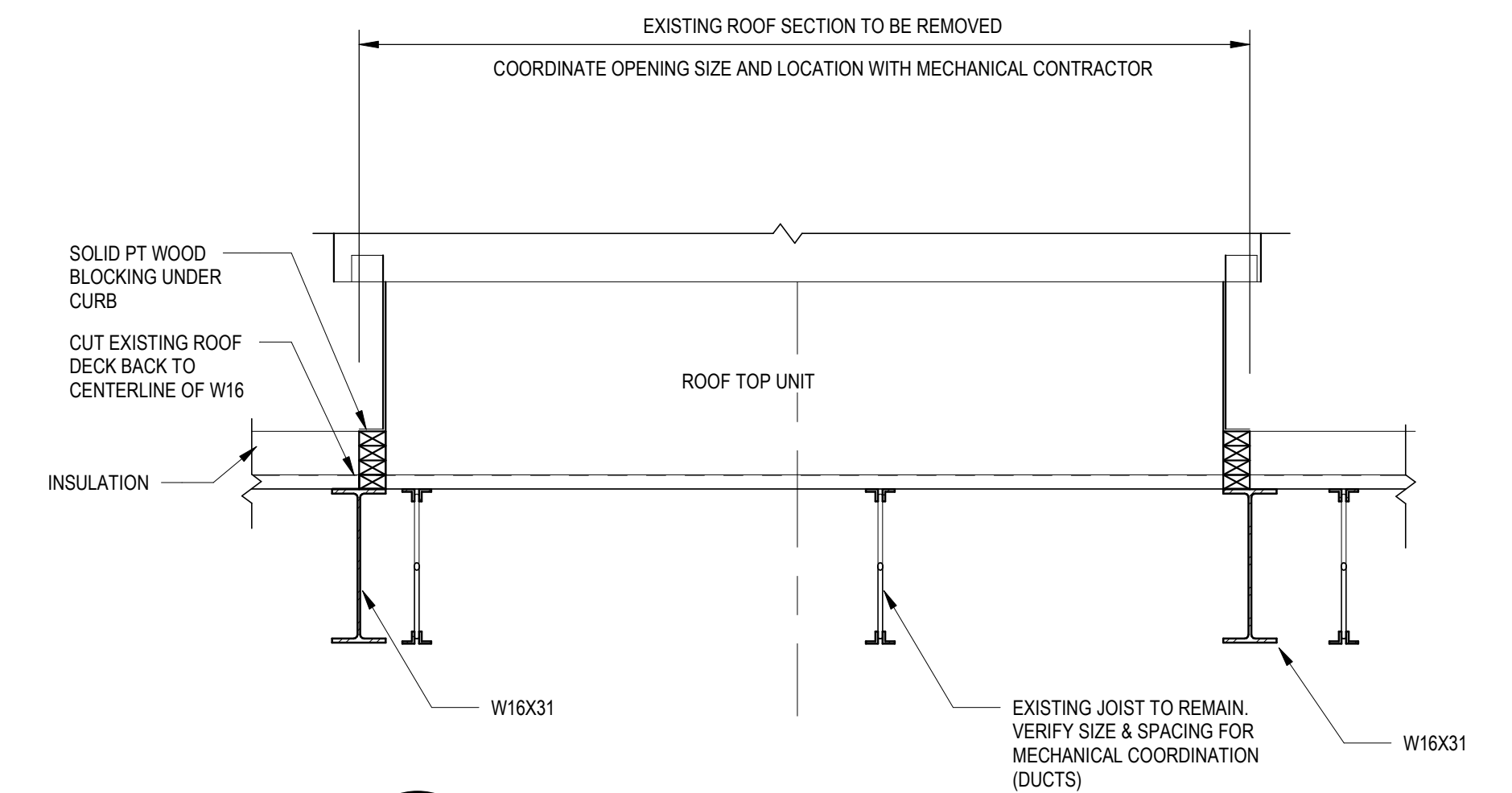
- NOTES:**
1. COORDINATE ROOF OPENING AND EQUIPMENT CURB DIMENSIONS WITH EQUIPMENT MANUFACTURER (DENOTED W/ "M") AND "M" CONTRACTOR.
 2. ROOF OPENINGS LARGER THAN 1'-0" SQUARE REQUIRE A ROOF OPENING FRAME TO SUPPORT THE DECK. EQUIPMENT THAT IS SUPPORTED BY AN EQUIPMENT CURB WILL REQUIRE AN EQUIPMENT CURB SUPPORT FRAME DIRECTLY UNDER THE CURB TO SUPPORT THE CURB AND DECK. OPENINGS THAT OCCUR WITHIN THE FOOTPRINT OF THE EQUIPMENT CURB (IE: DUCTWORK OPENINGS, ETC) WILL REQUIRE A STEEL ANGLE FRAME AROUND EACH OPENING TO SUPPORT THE DECK.

1 EQUIP CURB & ROOF OPENING FRAME
S-501 SCALE: 3/8" = 1'-0"

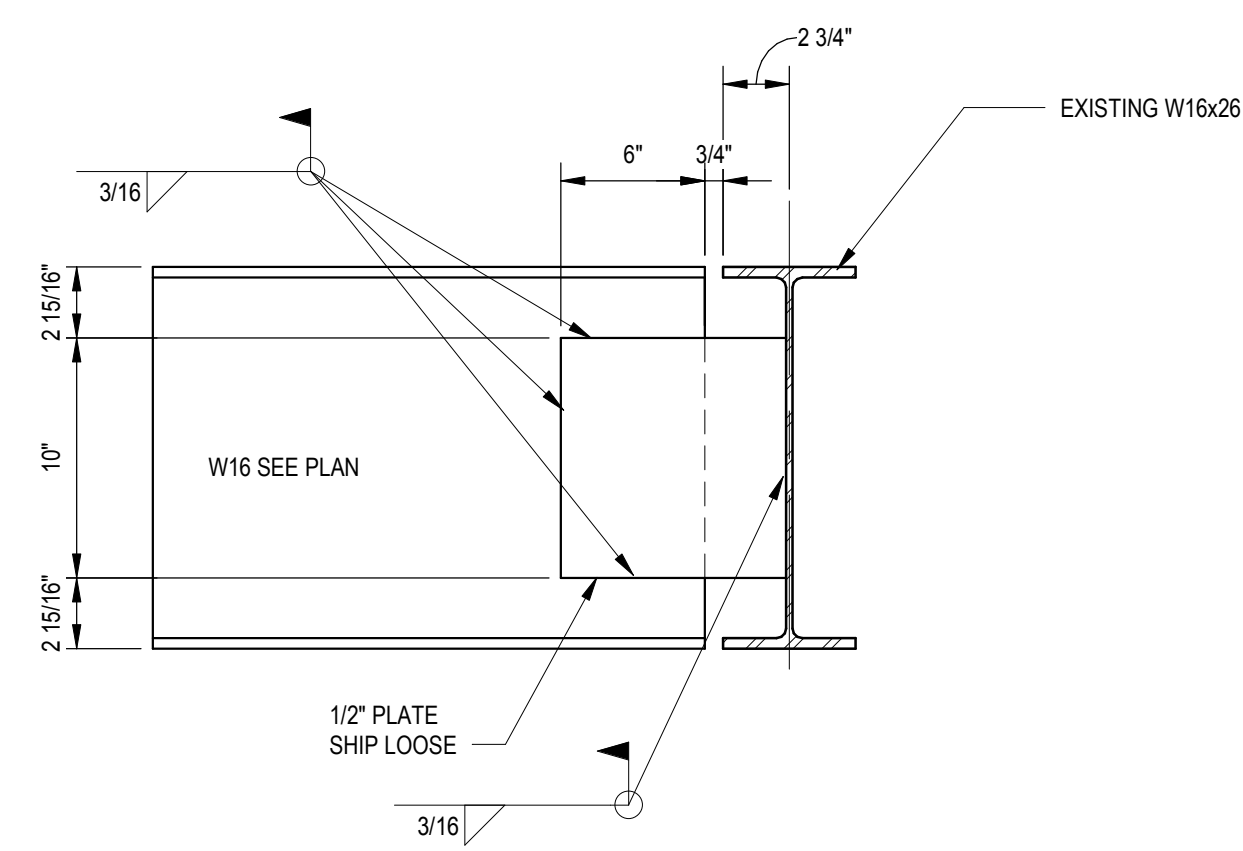


- NOTES:**
1. FRAMING AT ROOF OPENING SHALL BE INSTALLED PRIOR TO ROOF REMOVAL.
 2. AT LOCATIONS WHERE OPENINGS HAVE SUPPORT FRAMING ALREADY IN PLACE, NOTIFY EOR TO DETERMINE IF EXIST FRAMING IS REUSABLE.
 3. DETAIL IS APPLICABLE FOR EXISTING FLOOR BEAM/JOIST SPACING UP TO 6'-0" (MAX).
 4. COORDINATE WITH EXISTING ROOF MANUFACTURER PRIOR TO ANY ROOF WORK SO AS TO NOT VOID THE EXISTING ROOF WARRANTY.

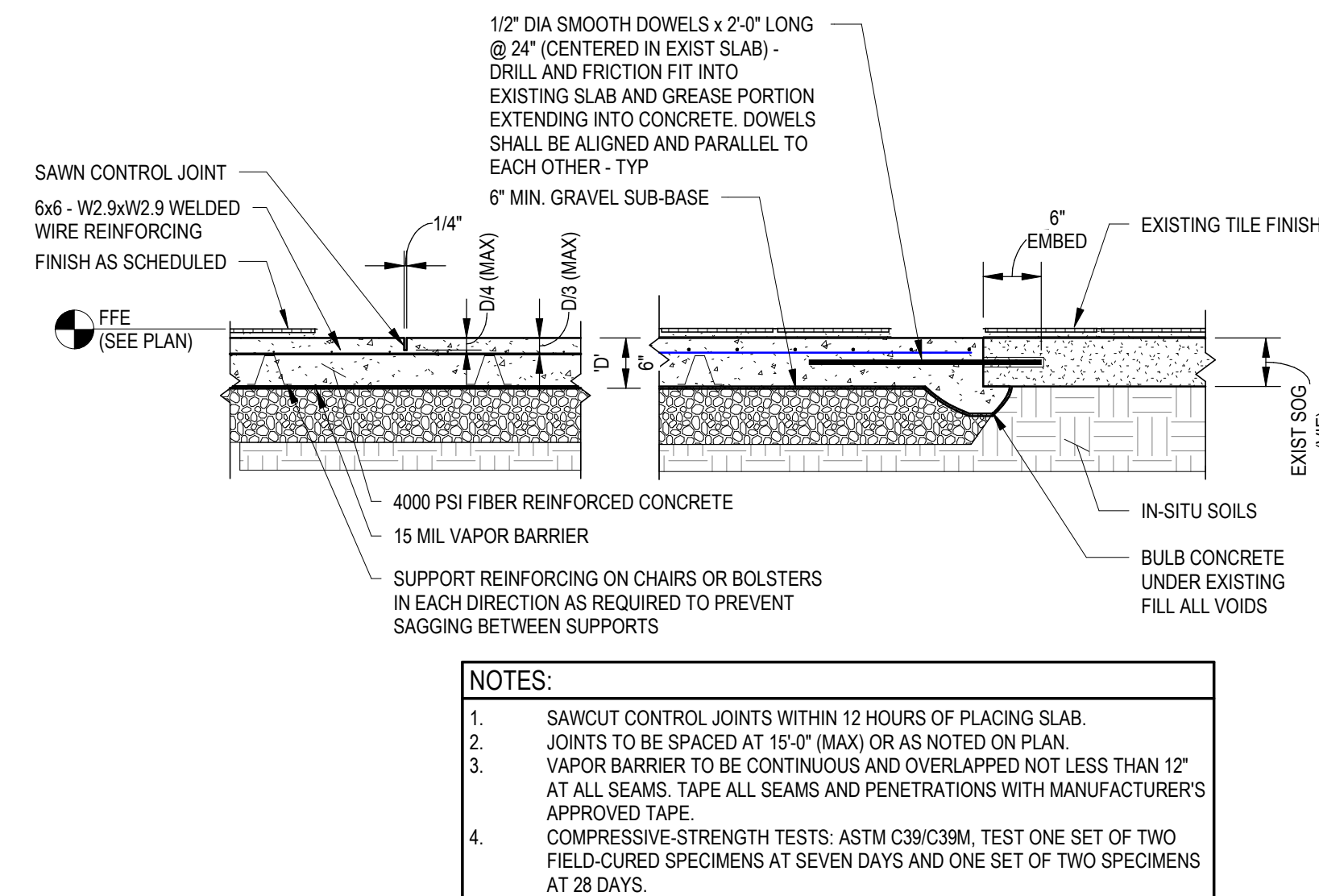
2 TYP OPENING SUPPORT DETAIL
S-501 SCALE: 1" = 1'-0"



3 SECTION 1
S-501 SCALE: 3/4" = 1'-0"

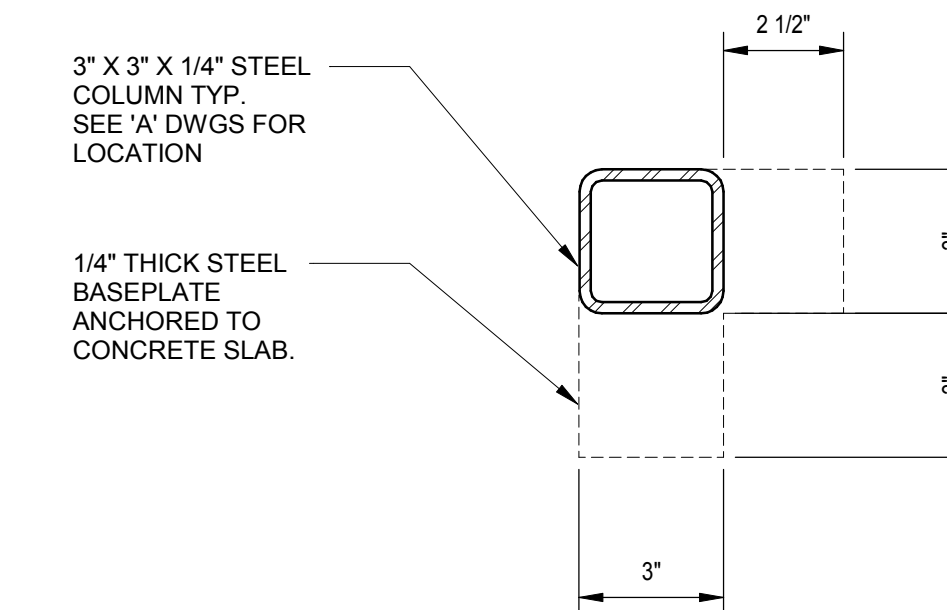


4 STEEL BEAM TO BEAM DETAIL
S-501 SCALE: 1 1/2" = 1'-0"

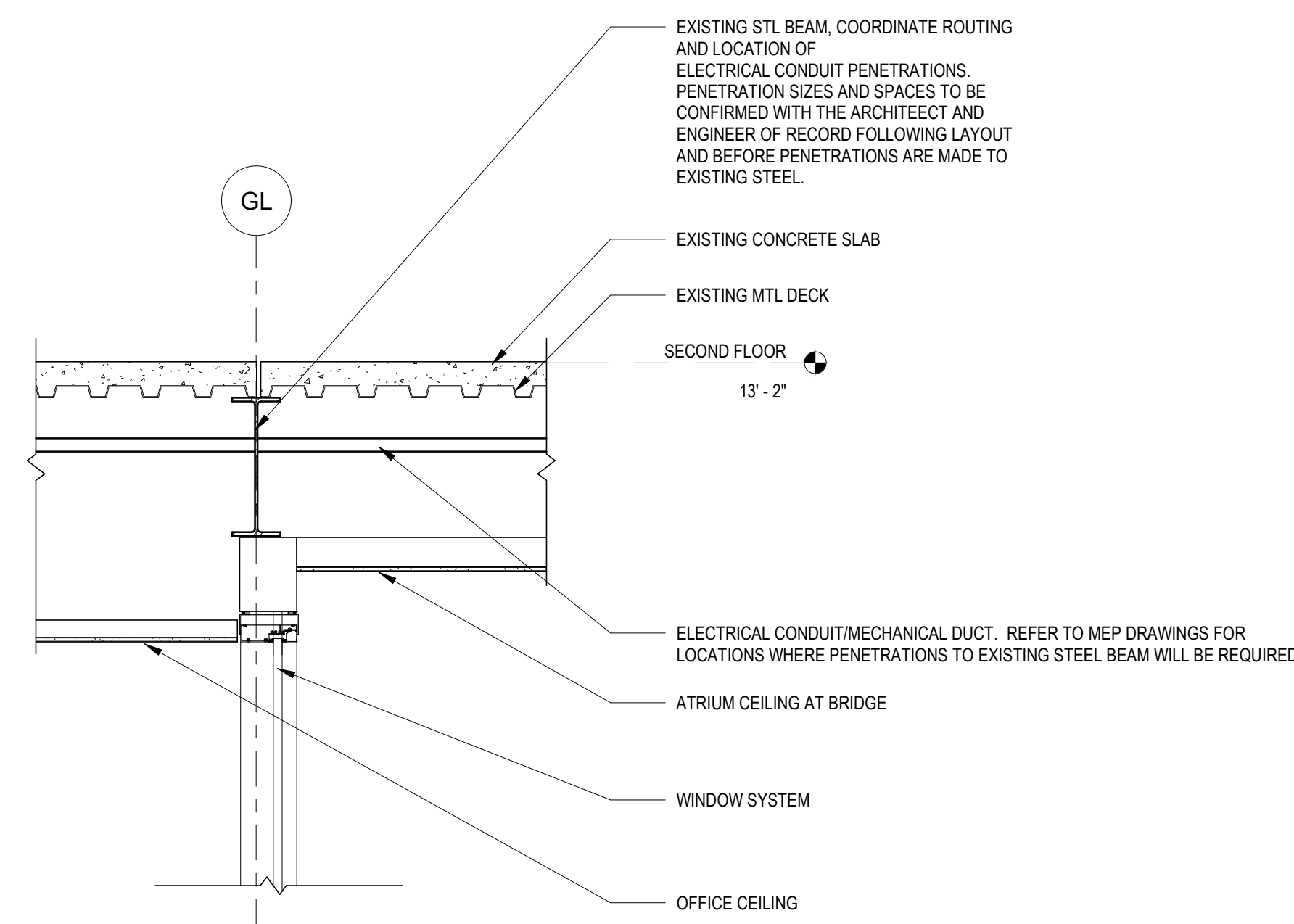


- NOTES:**
1. SAWCUT CONTROL JOINTS WITHIN 12 HOURS OF PLACING SLAB.
 2. JOINTS TO BE SPACED AT 16'-0" (MAX) OR AS NOTED ON PLAN.
 3. VAPOR BARRIER TO BE CONTINUOUS AND OVERLAPPED NOT LESS THAN 12" AT ALL SEAMS. TAPE ALL SEAMS AND PENETRATIONS WITH MANUFACTURER'S APPROVED TAPE.
 4. COMPRESSIVE STRENGTH TESTS: ASTM C39/C39M. TEST ONE SET OF TWO FIELD-CURED SPECIMENS AT SEVEN DAYS AND ONE SET OF TWO SPECIMENS AT 28 DAYS.

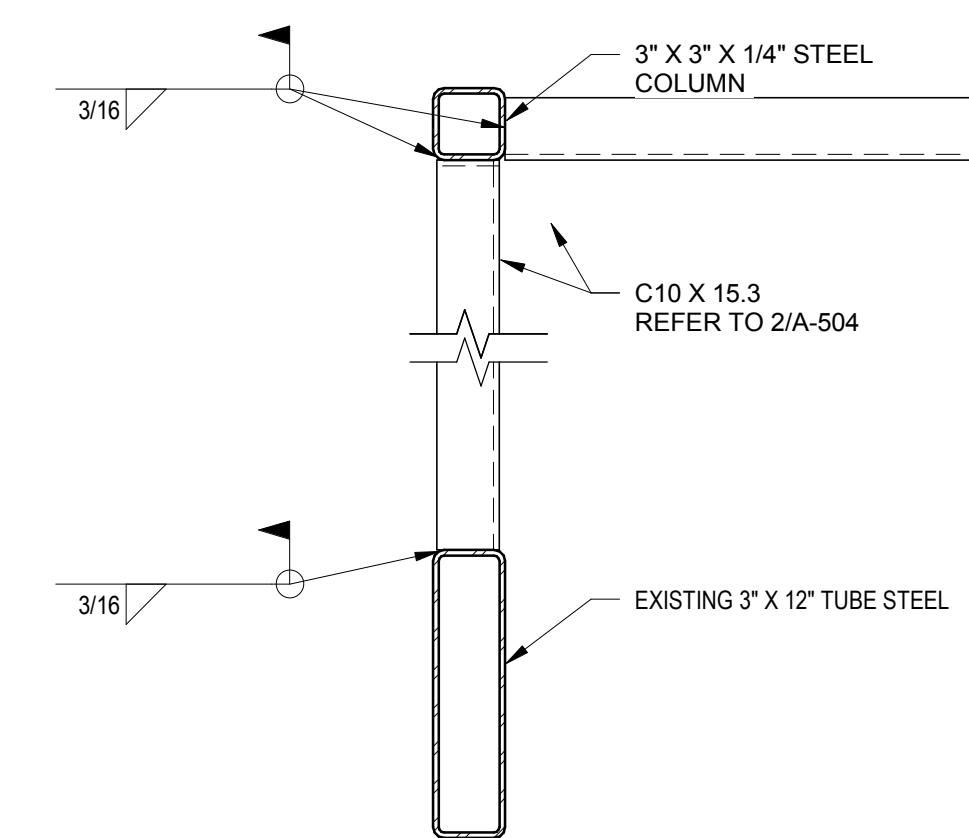
5 SECTION AT SLAB
S-501 SCALE: 3/4" = 1'-0"



6 PLAN DETAIL- ENTRY VESTIBULE STL COLUMN
S-501 SCALE: 3" = 1'-0"



7 EXISTING STL BEAM PENETRATION
S-501 SCALE: 3/4" = 1'-0"



8 PLAN DETAIL- ENTRY VESTIBULE STL WELDING DETAIL
S-501 SCALE: 1 1/2" = 1'-0"



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Key Plan

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PROFESSIONAL ENGINEER
202112-30

Phase
90% SUBMISSION
Project No.
2019.331.004
Date
12/23/21

Drawing Title
SECTIONS & DETAILS

Drawing No.
S-501

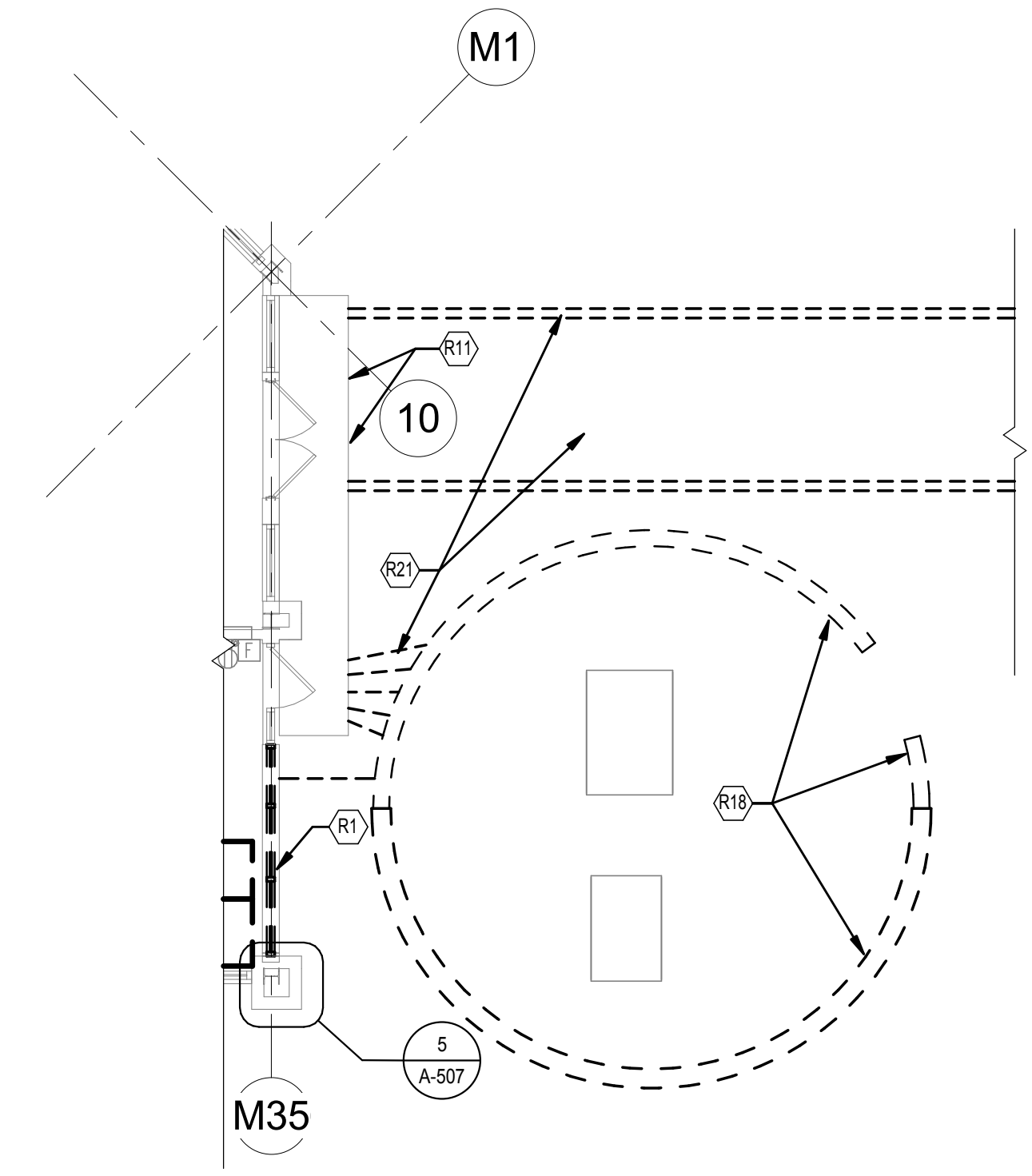
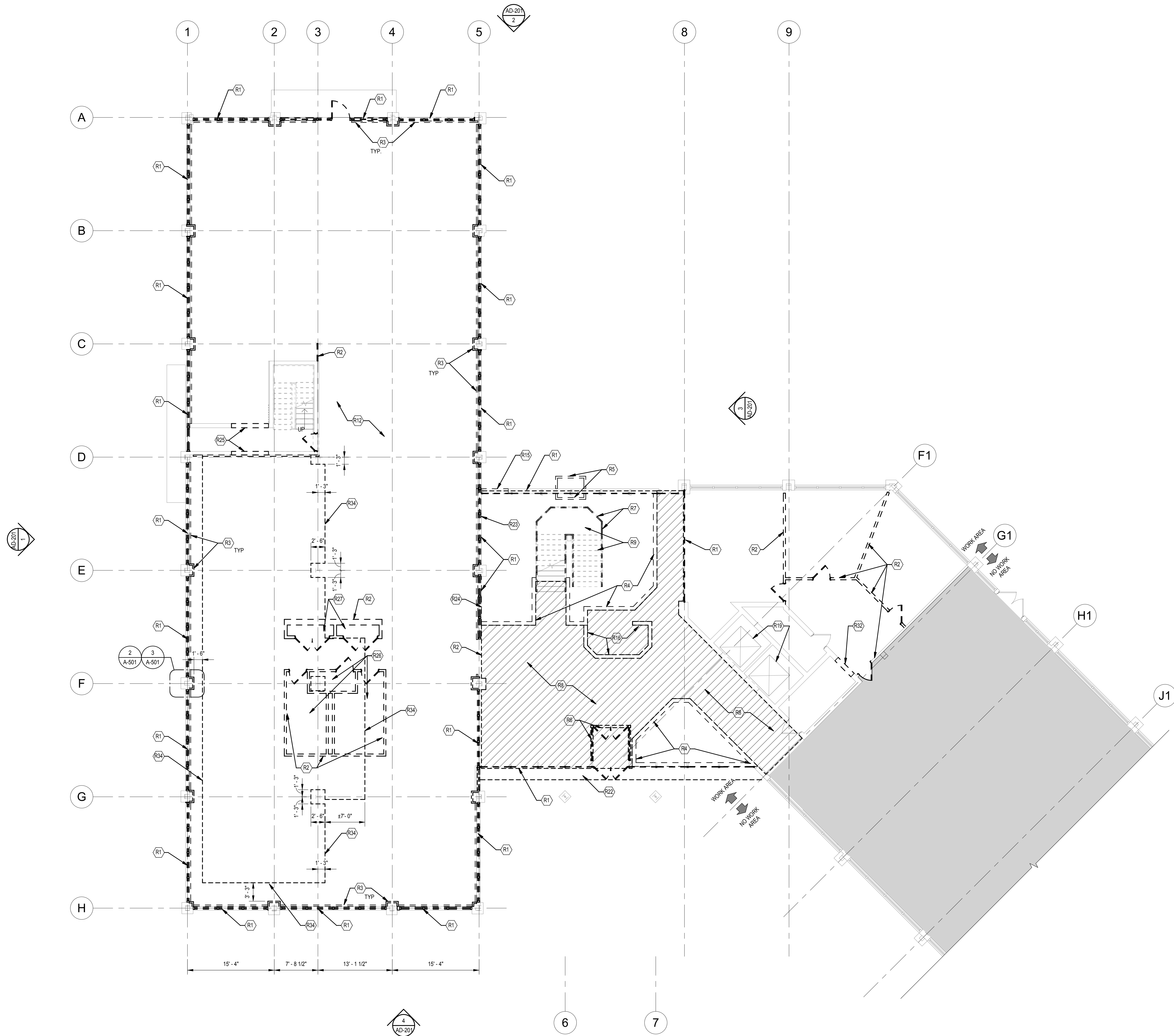


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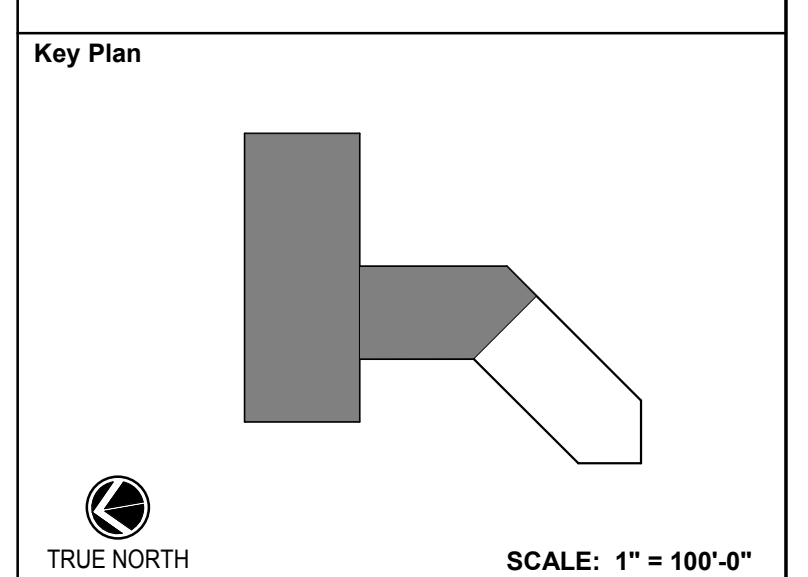
AD-101 REMOVAL KEY NOTES	
R1	REMOVE WINDOW SYSTEM IN ITS ENTIRETY. REFER TO A-501, A-502 & A-507 FOR ADDITIONAL INFORMATION.
R2	REMOVE PARTITIONS, DOORS AND FIXTURES AS INDICATED.
R3	REMOVE GYP WALLBOARD FUR-OUT IN ITS ENTIRETY. REFER TO A-501 & A-502 FOR ADDITIONAL INFORMATION.
R4	REMOVE EXISTING BRICK KNEEWALL, PLANTER & SOIL AS REQUIRED FOR THE INSTALLATION OF FINISHED SLAB FUR-OUT WITH EXISTING FIRST FLOOR SLAB IN ATRIUM. SALVAGE AND CLEAN BRICK AS REQUIRED FOR REUSE WHERE PATCHING WITH EXISTING BRICK IS REQUIRED.
R5	REMOVE AREAWAY WALLS.
R6	REMOVE VESTIBULE STRUCTURE IN ITS ENTIRETY.
R7	REMOVE RAILINGS AND SUPPORTS FOR STAIR AND BALCONIES AT ALL FLOORS IN ATRIUM.
R8	REMOVE TILE FLOORING DOWN TO SUBSTRATE IN ATRIUM AREA.
R9	REMOVE FINISHES FROM STAIR TREADS, RISERS, STRINGERS & LANDINGS.
R11	REMOVE LOADING DOCK BUMPER PADS.
R12	REMOVE ALL EXISTING FLOORING. PREPARE FLOOR FOR NEW FINISH.
R15	REMOVE PORTION OF BRICK WALL FOR CURTAIN WALL DOOR.
R16	REMOVE RECEPTION DESK PARTITIONS, SALVAGE AND CLEAN BRICK FOR RE-USE WHERE PATCHING WITH EXISTING BRICK IS REQUIRED.
R18	REMOVE MASONRY WALLS. SALVAGE AND CLEAN BRICK FOR RE-USE. SALVAGE EXISTING FOUNDATION AS REQUIRED FOR NEW GENERATOR ENCLOSURE.
R19	REMOVE FLOORING DOWN TO SUBSTRATE IN ELEVATORS.
R21	REMOVE ASPHALT, CURBS, CONCRETE STAIRS AND EVACUATE AS REQUIRED FOR GENERATOR ENCLOSURE.
R22	REMOVE EXTERIOR SIDEWALK AS REQUIRED FOR INSTALLATION OF CURTAIN WALL. REFER TO 4A-503.
R23	REMOVE CMU EXPOSED BY REMOVAL OF PLANTER AS REQUIRED FOR INSTALLATION OF RE-USED BRICK VENEER IN SAME PLANTER.
R24	REMOVE MASONRY WALL BELOW WINDOW.
R25	REMOVE EXIST CORRIDOR WALLS AS REQUIRED FOR ENTRIES TO BREAK ROOM (131) AND LOCKER ROOM (170).
R26	REMOVE PLUMBING FIXTURES, ACCESSORIES, AND FINISHES.
R27	REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL EQUIPMENT REMOVALS.
R32	PROVIDE SHORING AND REMOVE 4'-0" WIDE X 7'-0" TALL PORTION OF EXISTING CMU PARTITION, CENTERED IN EXISTING ROOM.
R34	

GENERAL NOTE:
REFER TO MECHANICAL, ELECTRICAL, PLUMBING & LIFE SAFETY DRAWINGS FOR
ADDITIONAL DEMOLITION INFORMATION.



2 SITE REMOVALS
AD-101 SCALE: 1/8" = 1'-0"

REMOVAL LINE TYPE LEGEND	
—	EXISTING ITEM(S) / EQUIPMENT TO REMAIN
- - -	EXISTING ITEM(S) / EQUIPMENT TO BE REMOVED
[Hatched Box]	EXISTING ITEM(S) / EQUIPMENT TO BE REMOVED



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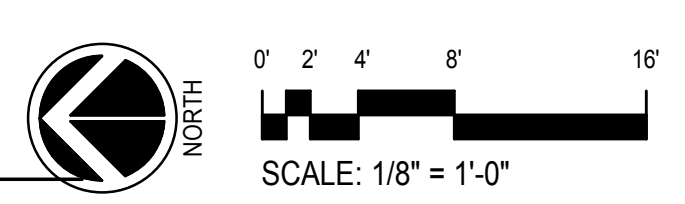
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Phase IFB #08-22
Project No. 2019.331.004
Date 12/23/2021 (PERMIT REVISIONS 04/01/2022)

Drawing Title
FIRST FLOOR REMOVALS
PLAN

Drawing No.

1 FIRST FLOOR REMOVALS PLAN
AD-101 SCALE: 1/8" = 1'-0"



AD-101

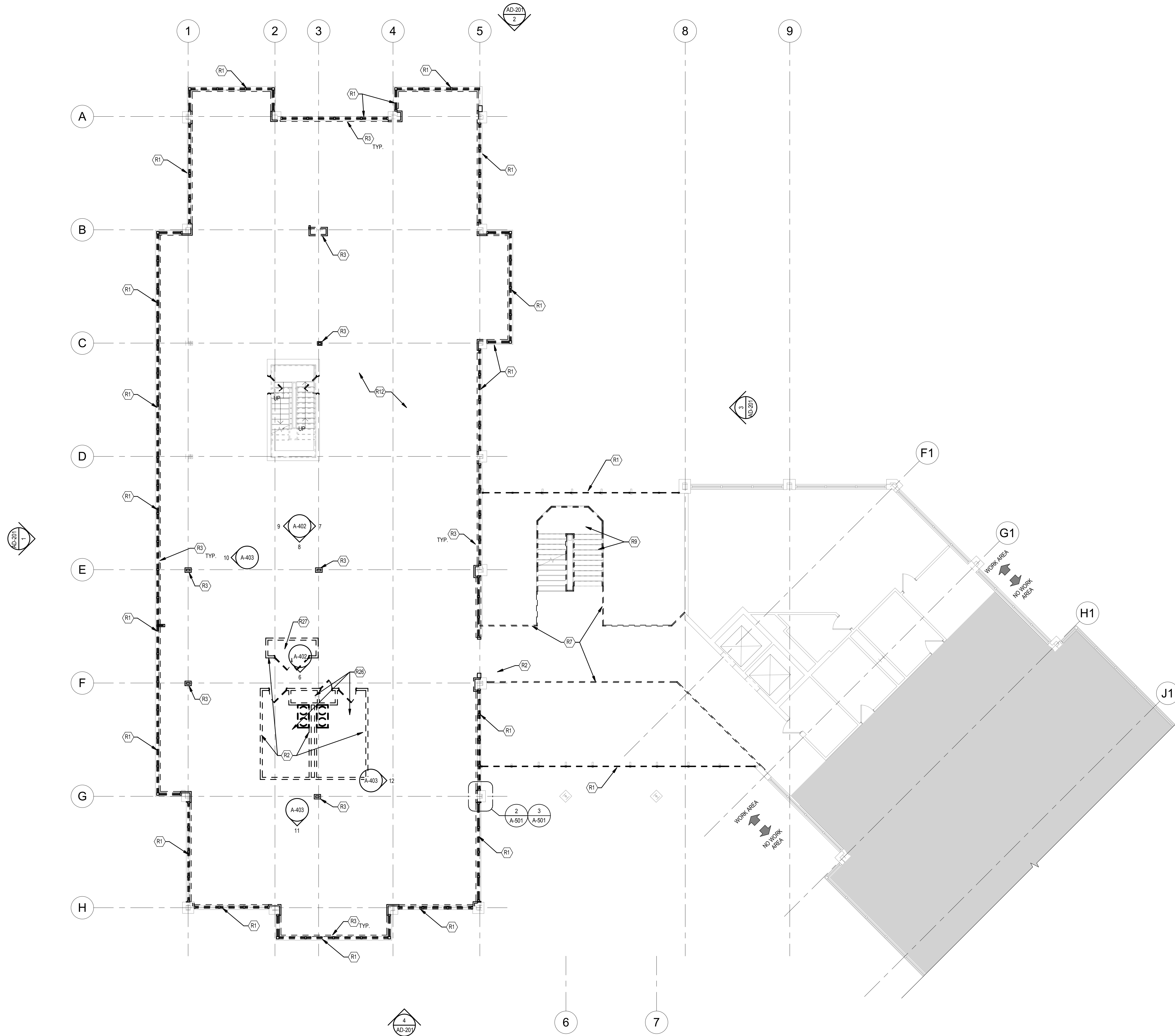
AD-102 REMOVAL KEY NOTES	
R1	REMOVE WINDOW SYSTEM IN ITS ENTIRETY. REFER TO A-501 & A-502 FOR ADDITIONAL INFORMATION.
R2	REMOVE PARTITIONS, DOORS AND FIXTURES AS INDICATED.
R3	REMOVE GYP WALLBOARD FUR-OUT IN ITS ENTIRETY. REFER TO A-501 & A-502 FOR ADDITIONAL INFORMATION.
R7	REMOVE RAILINGS AND SUPPORTS FOR STAIR AND BALCONIES AT ALL FLOORS IN ATRIUM.
R9	REMOVE FINISHES FROM STAIR TREADS, RISERS, STRINGERS & LANDINGS.
R12	REMOVE ALL EXISTING FLOORING. PREPARE FLOOR FOR NEW FINISH.
R26	REMOVE PLUMBING FIXTURES, ACCESSORIES AND FINISHES.
R27	REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL EQUIPMENT REMOVALS.

GENERAL NOTE:
REFER TO MECHANICAL, ELECTRICAL, PLUMBING & LIFE SAFETY DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.

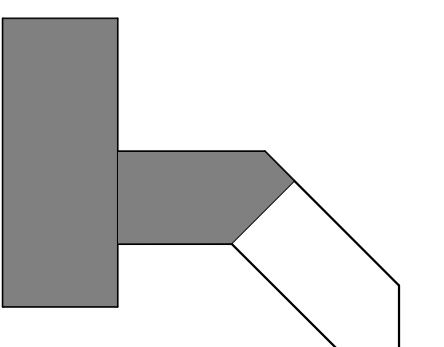


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Key Plan



SCALE: 1" = 100'-0"

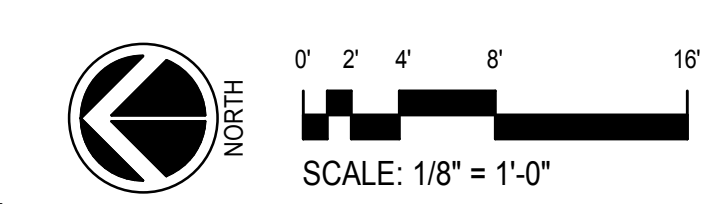
No.	Revision	Date

Project Name
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Project No.: 2019.331.004

REMOVAL LINE TYPE LEGEND	
	EXISTING ITEM(S) / EQUIPMENT TO REMAIN
	EXISTING ITEM(S) / EQUIPMENT TO BE REMOVED
	EXISTING ITEM(S) / EQUIPMENT TO BE REMOVED



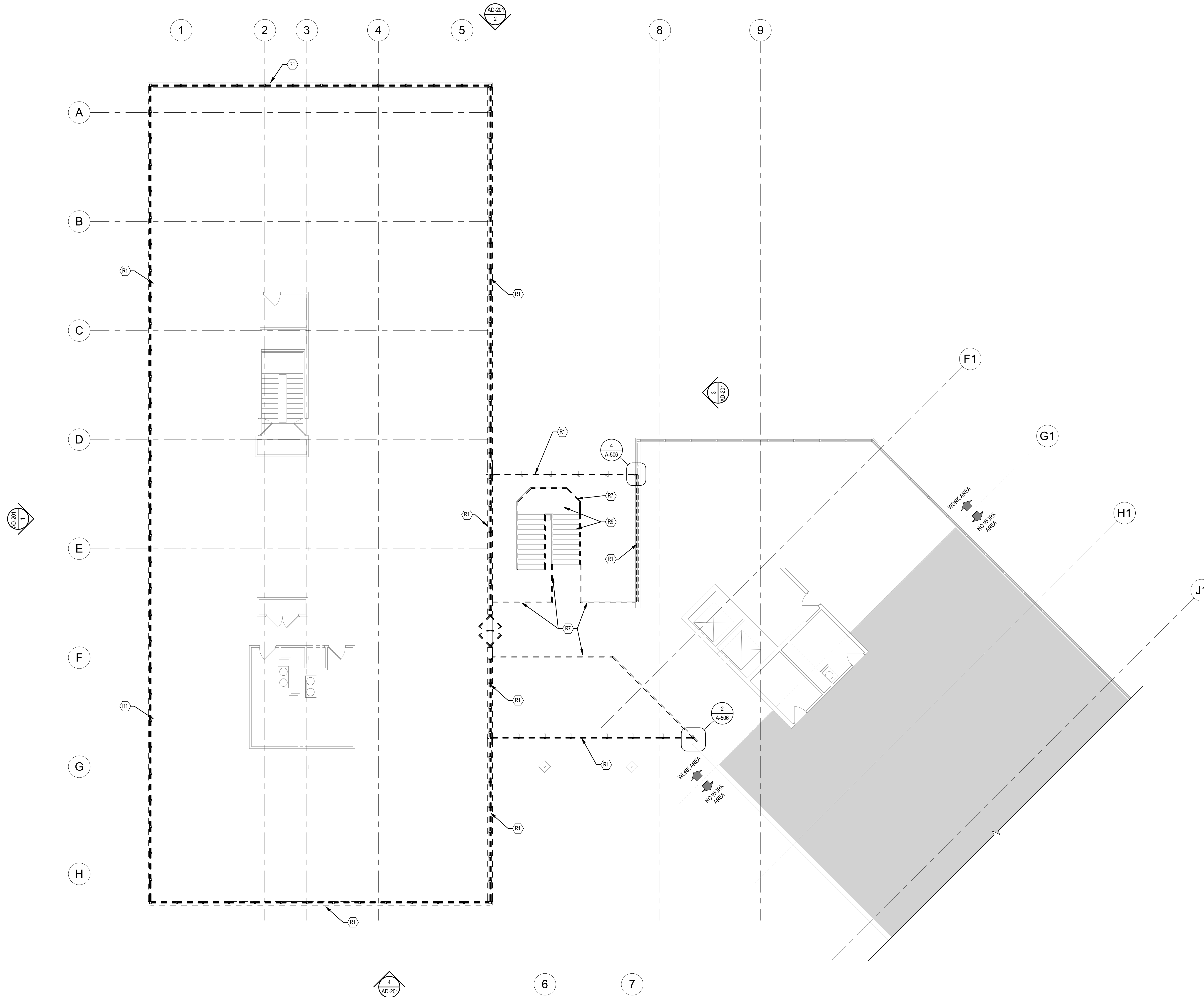
Symbol	AD-103 REMOVAL KEY NOTES
R1	REMOVE WINDOW SYSTEM IN ITS ENTIRETY. REFER TO A-501 & A-502 FOR ADDITIONAL INFORMATION.
R7	REMOVE RAILINGS AND SUPPORTS FOR STAIR AND BALCONIES AT ALL FLOORS IN ATRIUM.
R9	REMOVE FINISHES FROM STAIR TREADS, RISERS, STRINGERS & LANDINGS.



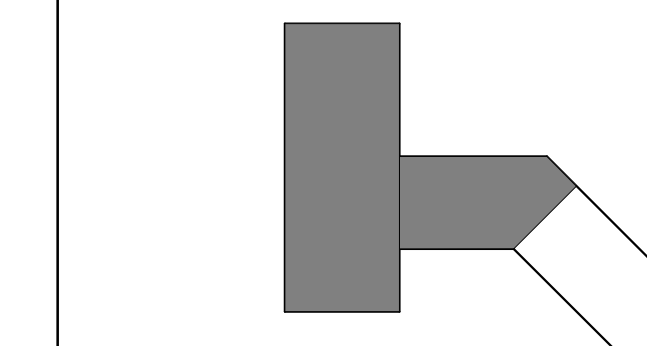
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GENERAL NOTE:
REFER TO MECHANICAL, ELECTRICAL, PLUMBING & LIFE SAFETY DRAWINGS FOR
ADDITIONAL DEMOLITION INFORMATION.



Key Plan



SCALE: 1" = 100'-0"

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Drawing Title

THIRD FLOOR REMOVALS PLAN

Drawing No.

AD-103

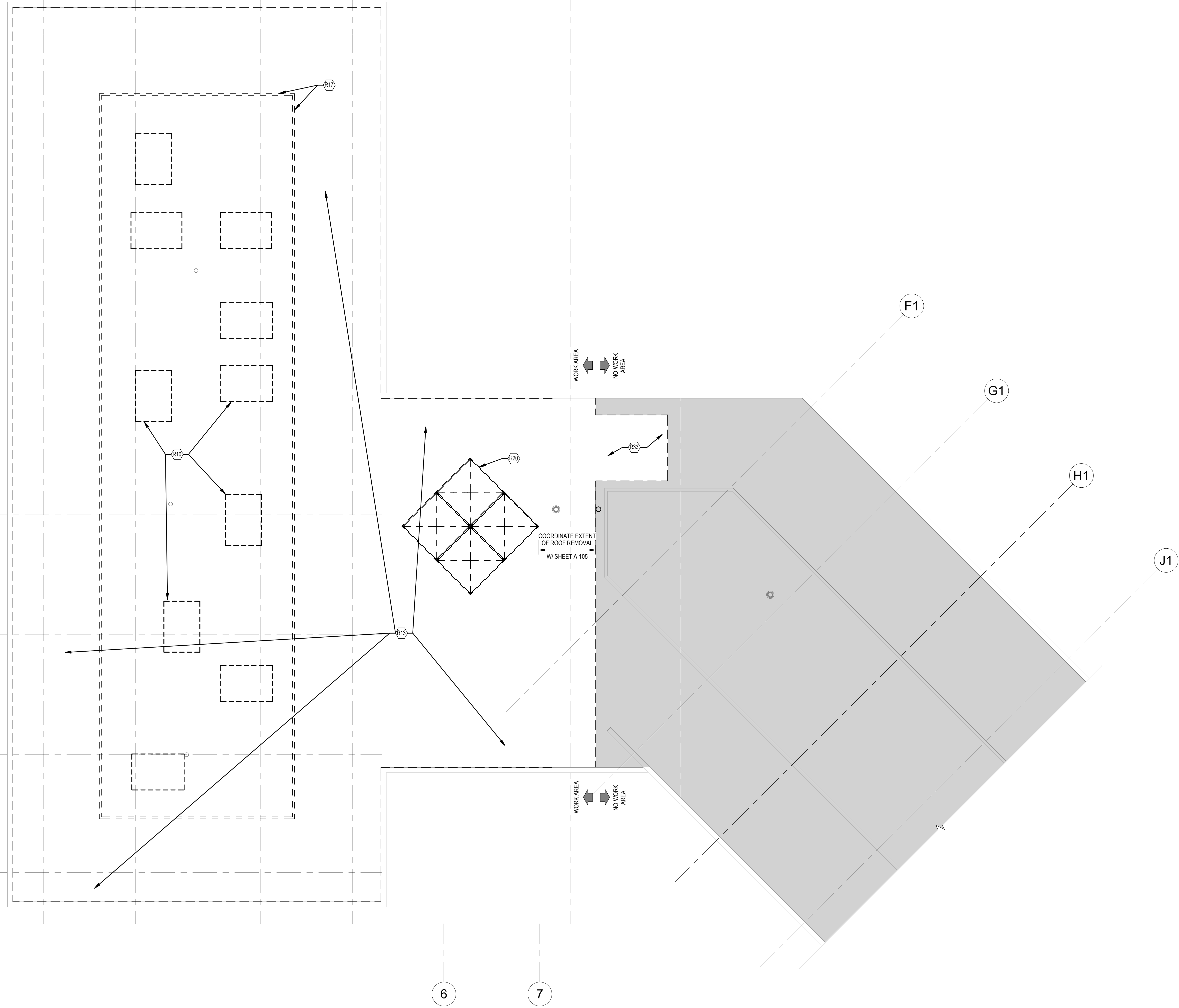
REMOVAL LINE TYPE LEGEND	
	EXISTING ITEM(S) / EQUIPMENT TO REMAIN
	EXISTING ITEM(S) / EQUIPMENT TO BE REMOVED
	EXISTING ITEM(S) / EQUIPMENT TO BE REMOVED



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

1 2 3 4 5 8 9

A B C D E F G H



AD-104 REMOVAL KEY NOTES	
R10	REMOVE ALL HVAC ROOF TOP UNITS AND CURBS.
R13	REMOVE EXISTING ROOF SYSTEM DOWN TO DECK.
R17	REMOVE ROOF SCREENS.
R20	REMOVE ALL SKYLIGHTS.
R23	REMOVE ROOFING AS REQUIRED FOR THE INSTALLATION OF RTU-3.

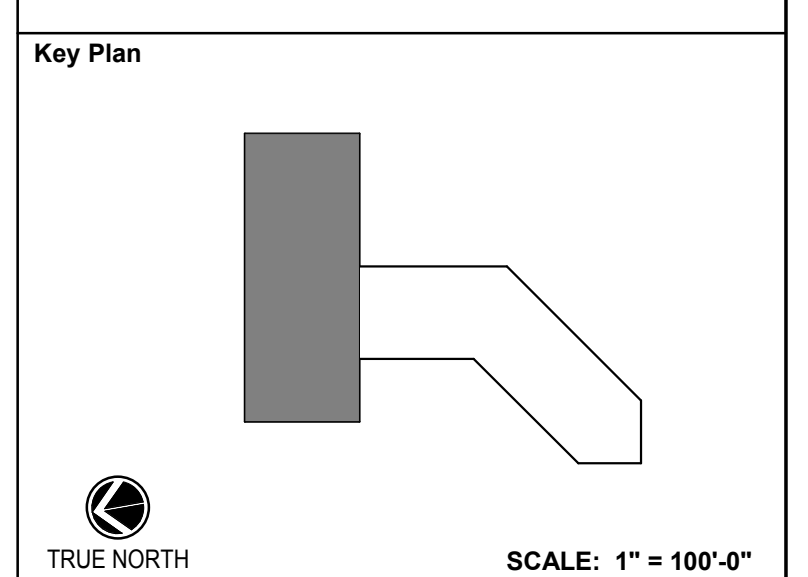
FOR GENERAL ROOF NOTES:
SEE SHEET A-104

GENERAL NOTE:
REFER TO MECHANICAL, ELECTRICAL, PLUMBING & LIFE SAFETY DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.



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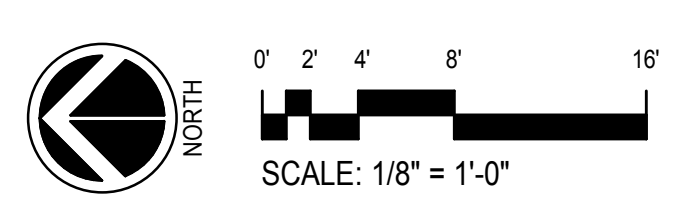
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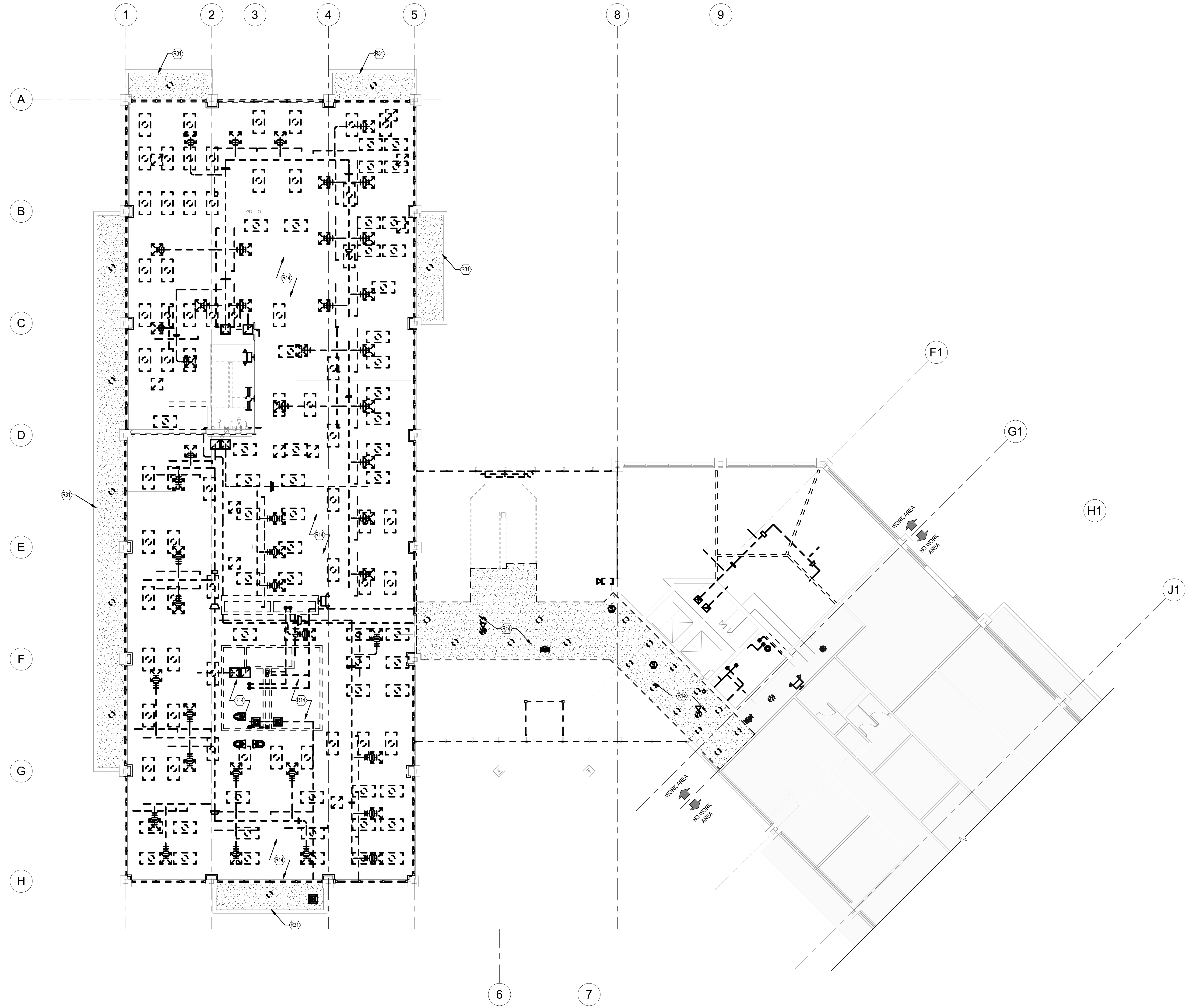
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LINE TYPE LEGEND - ROOF	
	EXISTING TO REMAIN
	ROOF SYSTEM, FLASHING, EQUIPMENT, ITEMS TO BE PROVIDED



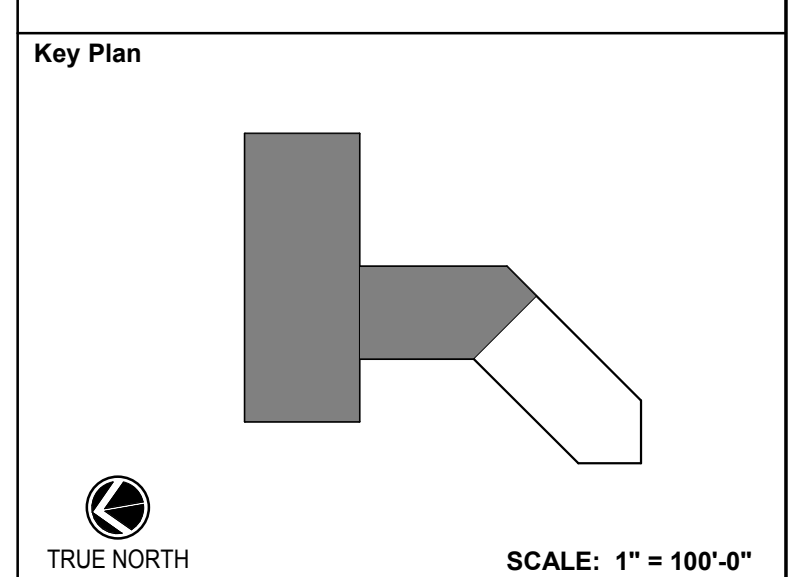


AD-111 REMOVAL KEY NOTES	
R14	REMOVE ALL CEILINGS AND ASSOCIATED LIGHT FIXTURES, SPRINKLER ESCUTCHEONS, MECHANICAL ITEMS. COORDINATE WITH OTHER TRADES. RETAIN ACUSTICAL CEILING PANELS AS REQUIRED FOR PATCH & REPAIR OF THIRD FLOOR CEILING PER NOTE R28.
R31	EXTERIOR AND ATRIUM SOFFITS TO REMAIN.



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Phase: IFB #08-22
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Drawing Title
FIRST FLOOR REMOVAL RCP

Drawing No.
AD-111

1 FIRST FLOOR REMOVALS RCP
 AD-111 SCALE: 1/8" = 1'-0"





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Key Plan

AD-112 REMOVAL KEY NOTES	
R14	REMOVE ALL CEILINGS AND ASSOCIATED LIGHT FIXTURES, SPRINKLER ESCUTCHEONS, MECHANICAL ITEMS. COORDINATE WITH OTHER TRADES. RETAIN ACOUSTICAL CEILING PANELS AS REQUIRED FOR PATCH & REPAIR OF THIRD FLOOR CEILING PER NOTE R28.
R30	REMOVE CEILING ABOVE SECOND FLOOR ATRIUM BRIDGE AS REQUIRED FOR INSTALLATION OF CONDUIT ACROSS ATRIUM. REFER TO ELECTRICAL DRAWINGS.
R31	EXTERIOR AND ATRIUM SOFFITS TO REMAIN.

No.	Revision	Date

Project Name
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12/23/2021

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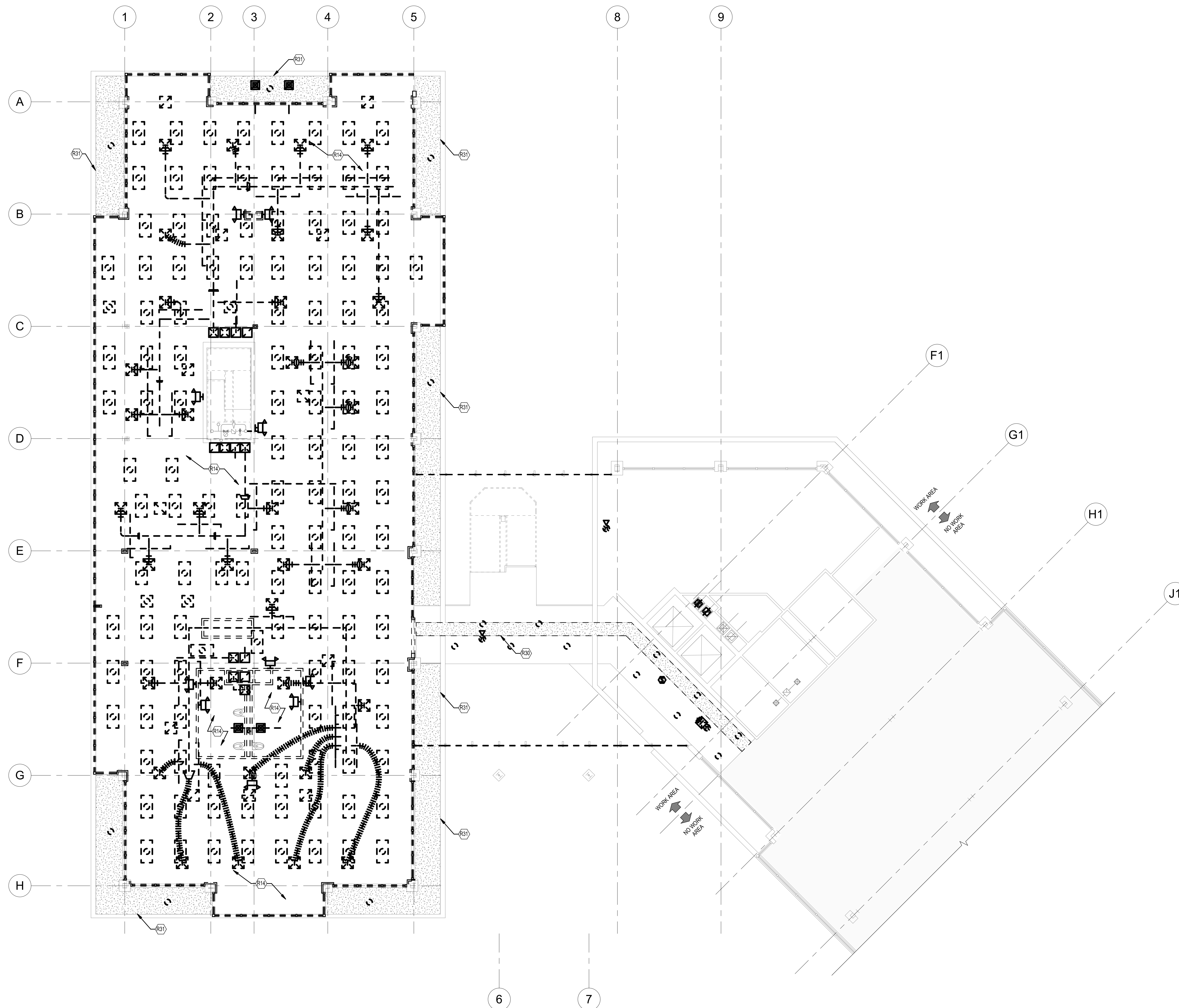
Project No.
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Date
12/23/2021 (PERMIT REVISIONS
04/01/2022)

Drawing Title
SECOND FLOOR REMOVALS
RCP

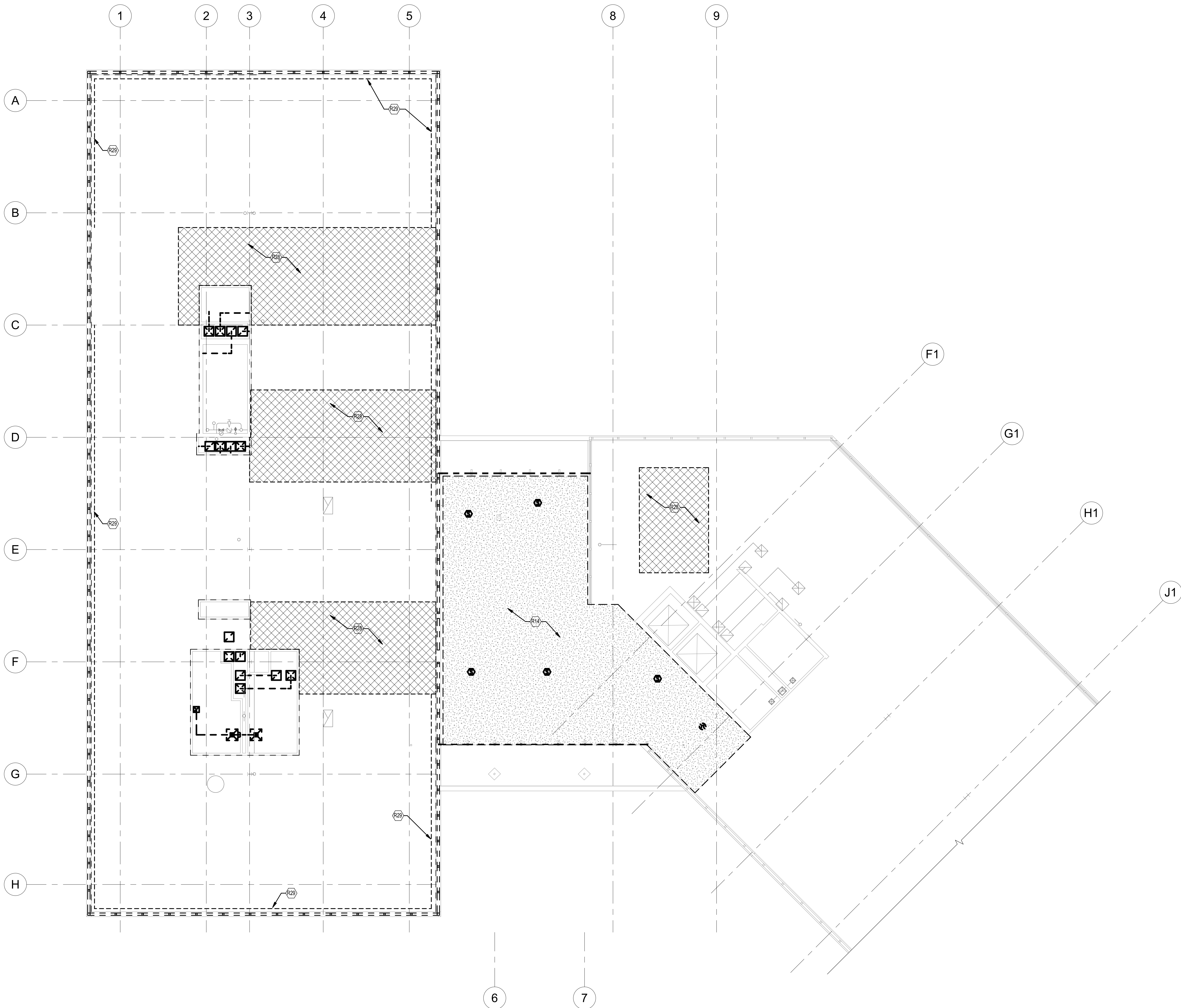
Drawing No.

AD-112



1 SECOND FLOOR REMOVALS RCP
AD-112 SCALE: 1/8" = 1'-0"





AD-113 REMOVAL KEY NOTES	
R14	REMOVE ALL CEILINGS AND ASSOCIATED LIGHT FIXTURES, SPRINKLER ESCUTCHEONS, AND MECHANICAL ITEMS. COORDINATE WITH OTHER TRADES. PATCH AND REPAIR THIRD FLOOR CEILING PER NOTE R28.
R28	REMOVE AND STORE THIRD FLOOR SPRINKLER PIPING, CEILING PANELS AND GRID AS REQUIRED FOR INSTALLATION OF SUPPORT STEEL AND ROOF DECKING. COORDINATE WITH STRUCTURAL DRAWINGS. REINSTALL SPRINKLER PIPING, CEILING TILES, AND GRID UPON COMPLETION OF ABOVE CEILING WORK.
R29	REMOVE PERIMETER SOFFIT AS REQUIRED FOR INSTALLATION OF PERIMETER INSULATION. REFER TO DETAILS ON SHEET A-502.



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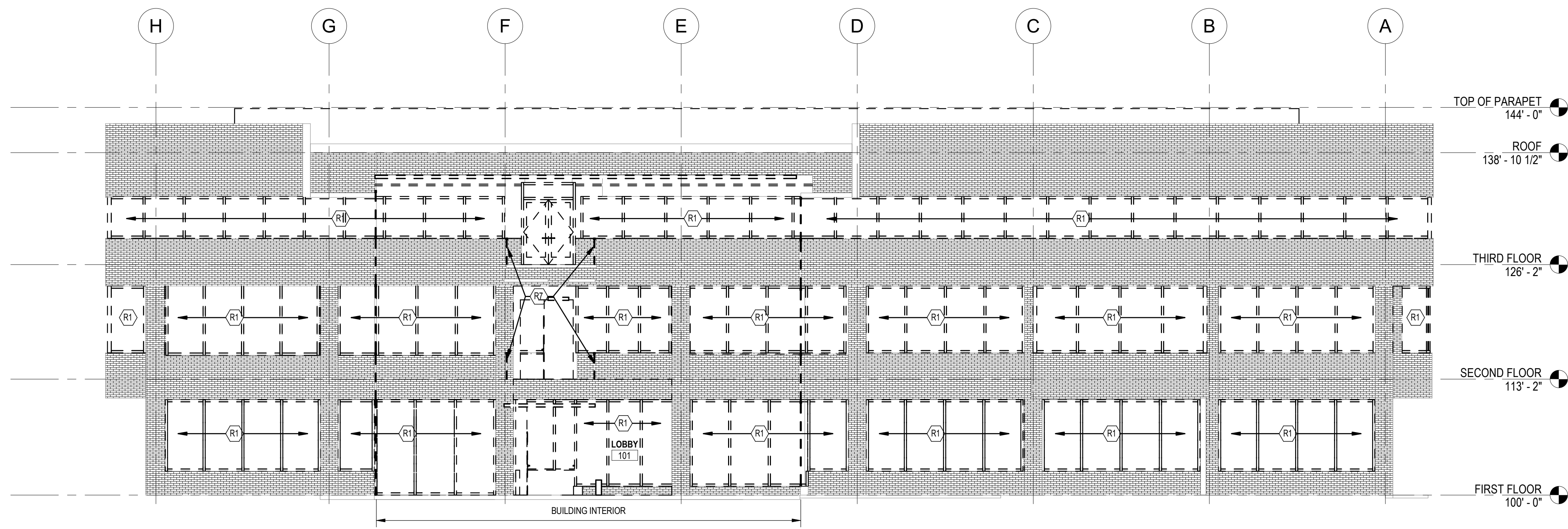
Phase: IFB #08-22
 Project No.: 2019.331.004
 Date: 12/23/2021 (PERMIT REVISIONS 04/01/2022)

Drawing Title
THIRD FLOOR REMOVALS
RCP

Drawing No.
AD-113

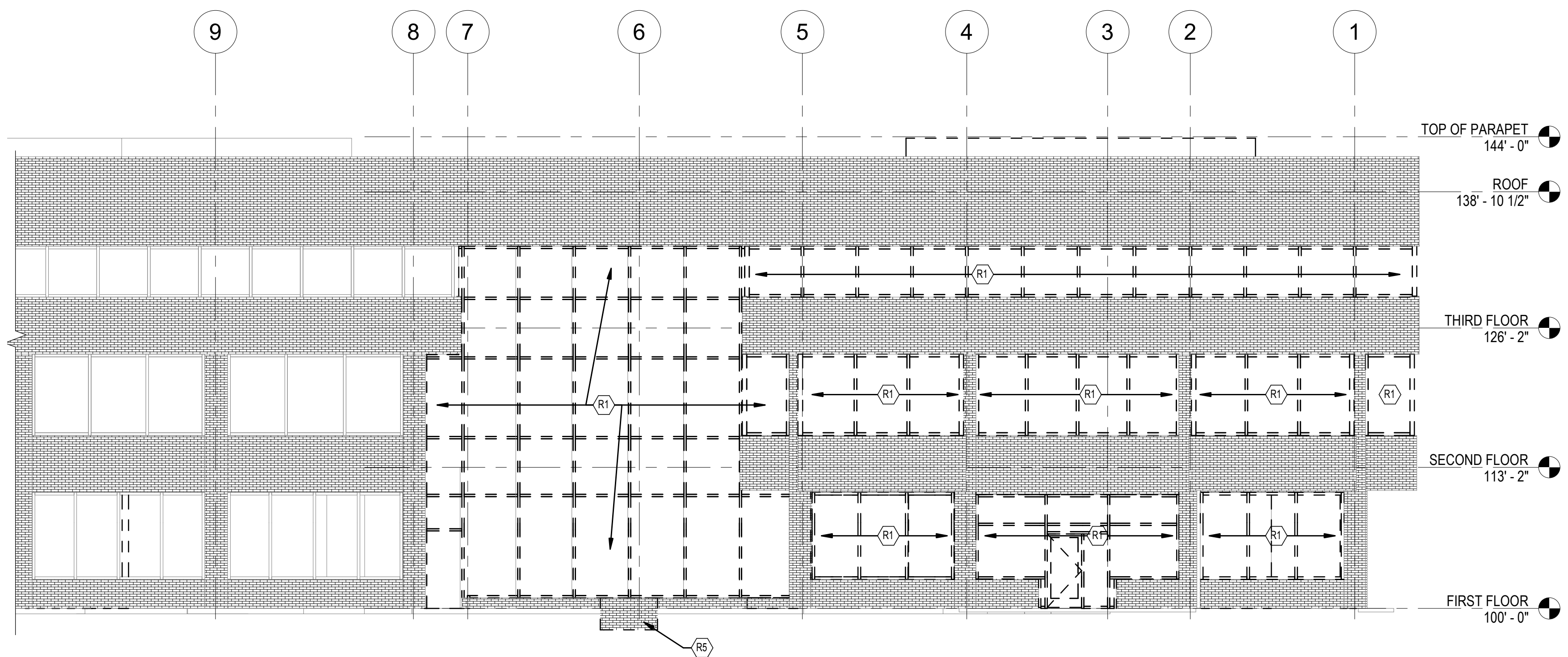
1 THIRD FLOOR REMOVALS RCP
 AD-113 SCALE: 1/8" = 1'-0"



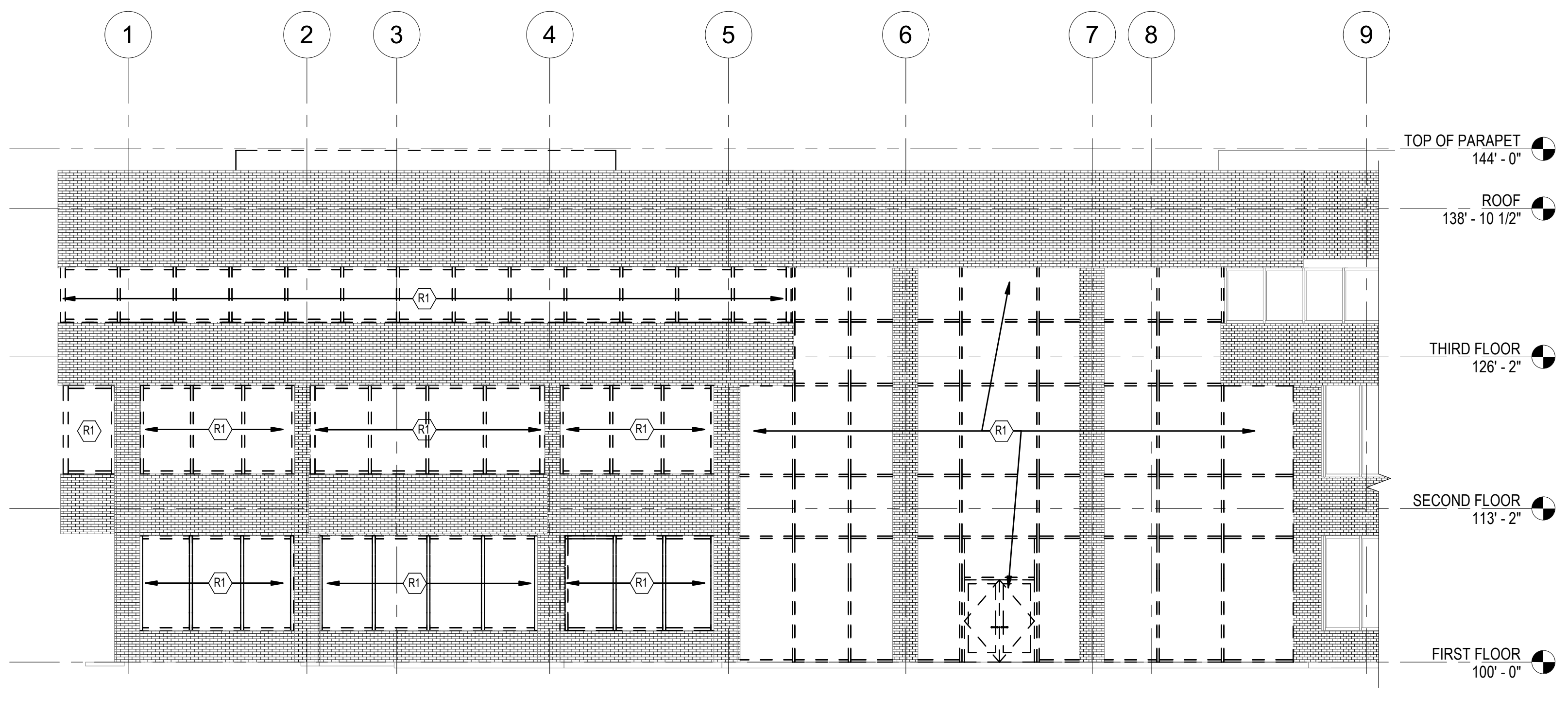


AD-201 REMOVAL KEY NOTES	
R1	REMOVE WINDOWS AND DOORS. REFER TO A-501 & A-502 FOR ADDITIONAL INFORMATION.
R5	REMOVE AREAWAY WALLS
R7	REMOVE RAILINGS AND SUPPORTS FOR STAIR AND BALCONIES AT ALL FLOORS IN ATRIUM.

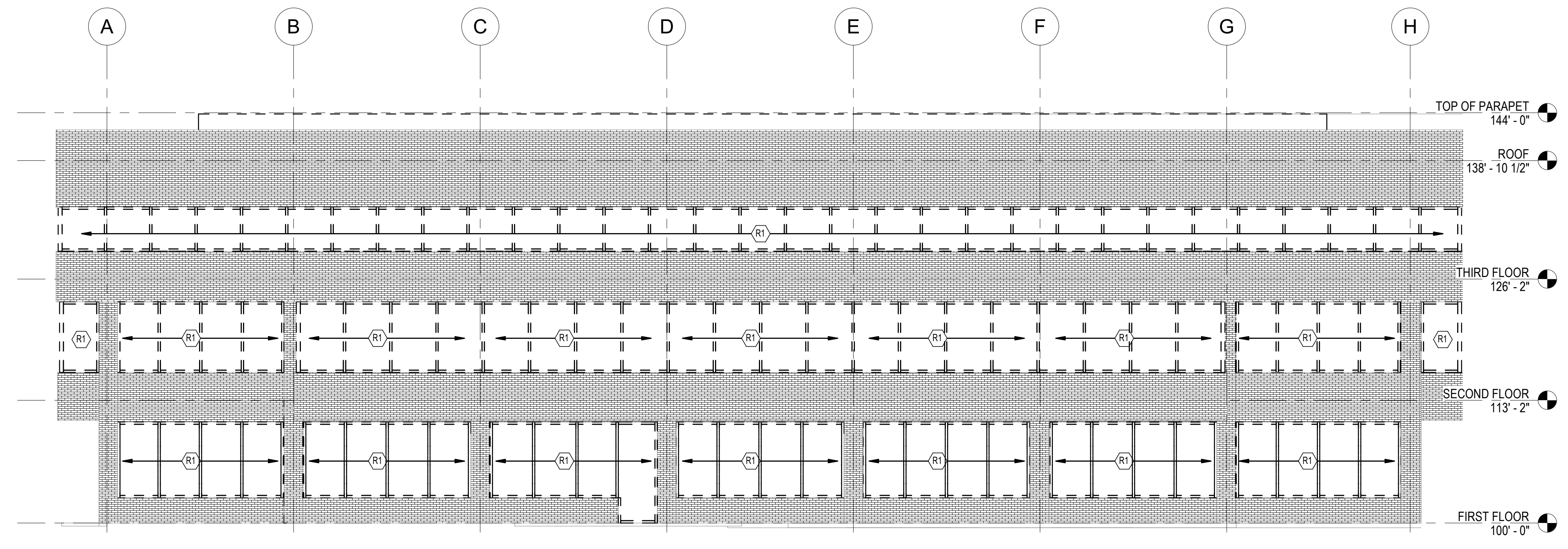
3 SOUTH ELEVATION REMOVALS
AD-201 SCALE: 1/8" = 1'-0"



2 EAST ELEVATION REMOVALS
AD-201 SCALE: 1/8" = 1'-0"



4 WEST ELEVATION REMOVALS
AD-201 SCALE: 1/8" = 1'-0"



1 NORTH ELEVATION REMOVALS
AD-201 SCALE: 1/8" = 1'-0"



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Phase: IFB #08-22
Project No.: 2019.331.004
Date: 12/23/2021 (PERMIT REVISIONS)
04/01/2022

Drawing Title
EXTERIOR ELEVATIONS
REMOVALS

Drawing No.
AD-201

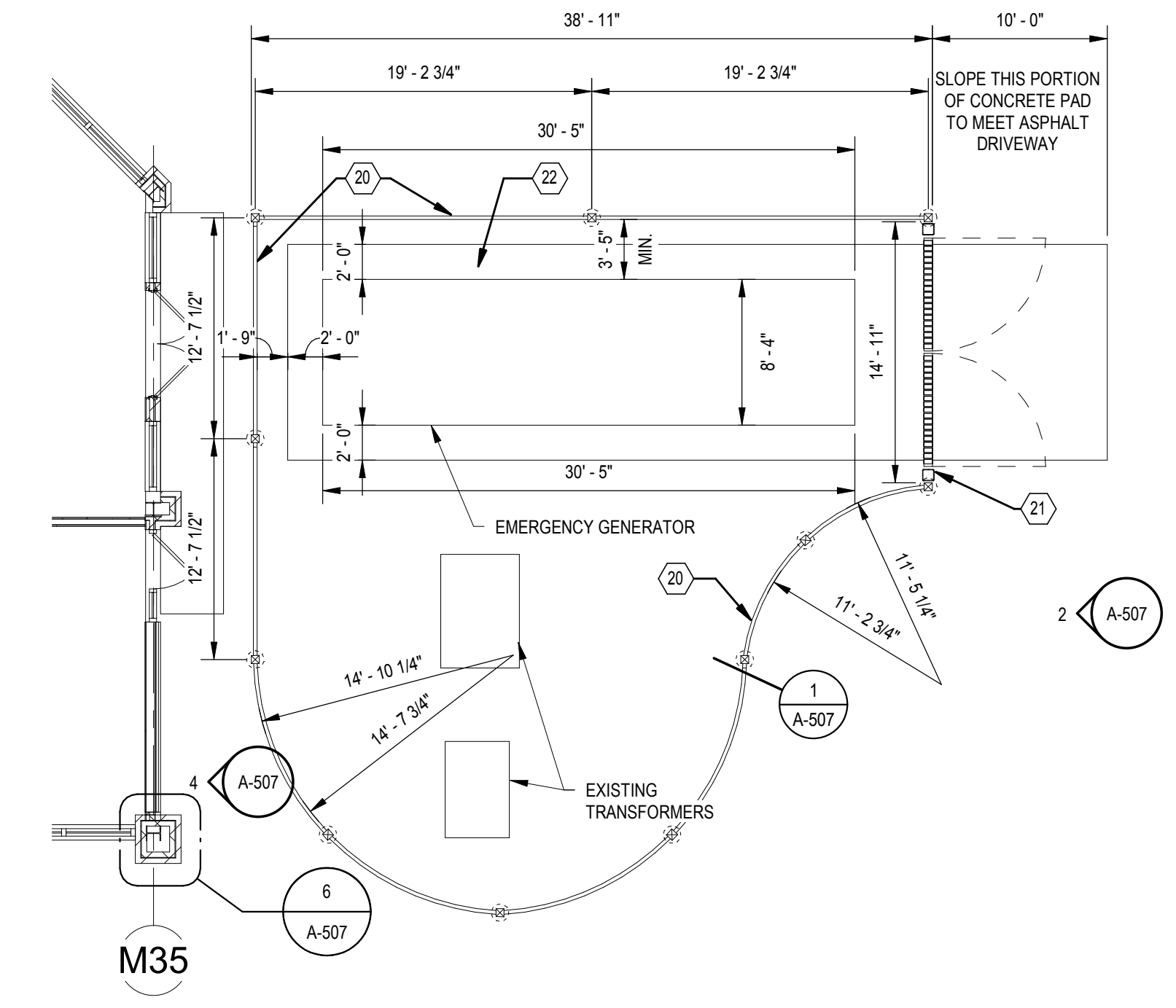
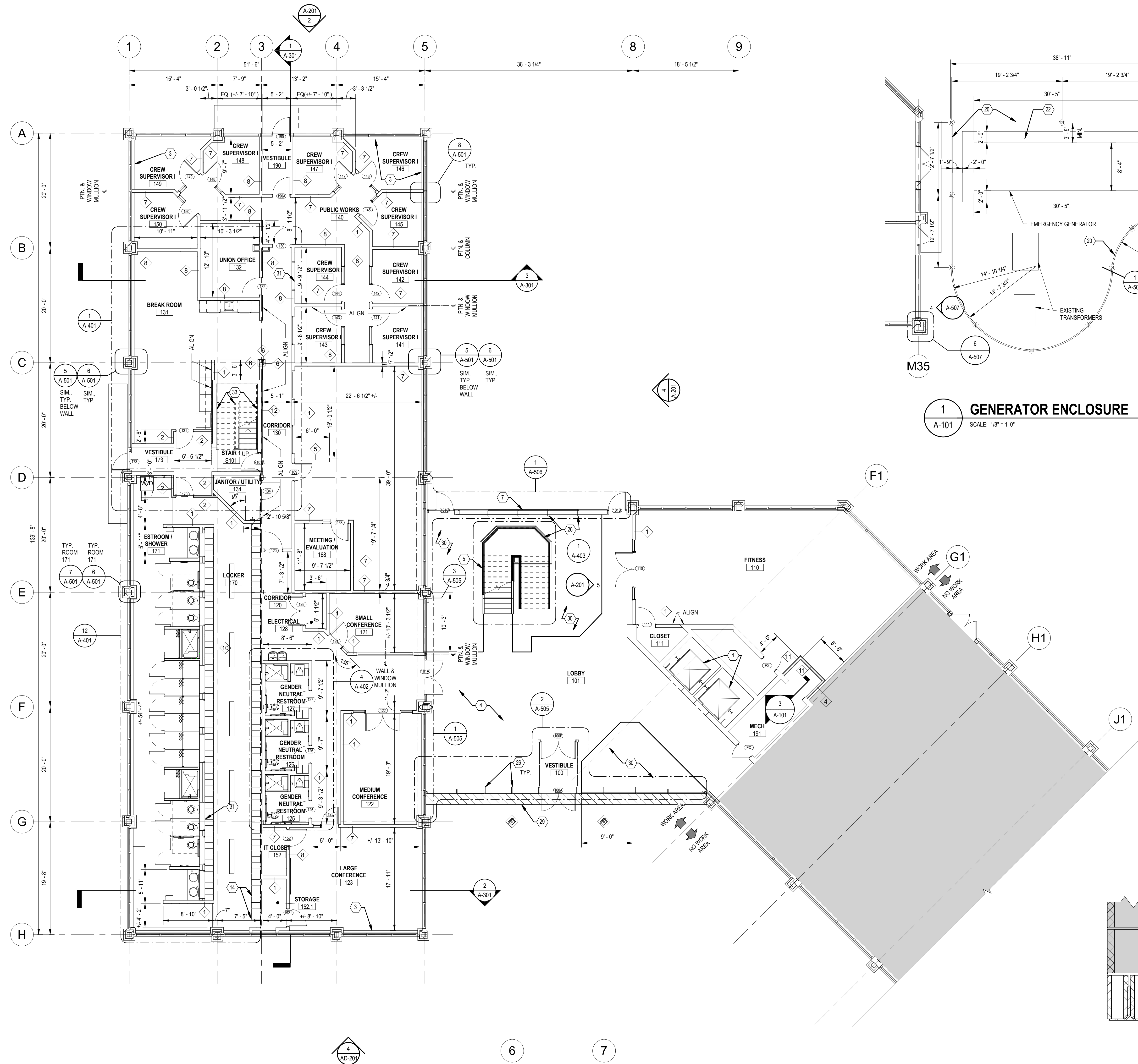
RENOVATION LINE TYPE LEGEND	
	EXISTING ITEM(S) / EQUIPMENT TO REMAIN
	ITEM(S) / EQUIPMENT TO BE PROVIDED

A-101 RENOVATION KEY NOTES	
3	PROVIDE PARTIAL GWB SYSTEM AT ALL EXTERIOR WALLS. REFER TO DETAILS ON A-501 & A-502.
4	PROVIDE TILE FLOORING SYSTEM
5	PROVIDE GLASS RAILING SYSTEM
7	INFILL AREA WAY. COORDINATE WITH CURTAIN WALL SYSTEM
14	PROVIDE (6) ADA LOCKERS
20	PROVIDE ARCHITECTURAL PRECAST PANELS AND PRECAST CONCRETE CAPS (DELEGATED DESIGN)
21	PROVIDE COMMERCIAL GATE AND TUBE STL SUPPORTS (DELEGATED DESIGN)
22	PROVIDE CONCRETE PAD FOR GENERATOR
26	CLEAN, PRIME AND PAINT ALL EXPOSED STEEL IN ATRIUM
29	PATCH REPAIR SIDEWALK. REFER TO A-503
30	INFILL PLANTER AREA WITH CONCRETE SLAB FLUSH WITH EXISTING.
31	TRANSOM WINDOW ABOVE. REFER TO SHEET A-401
33	PROVIDE GUARDRAIL AND HANDRAIL EXTENSIONS AND PICKET INFILL AT EXISTING EGRESS STAIRS. REFER TO DETAIL 9/A-4.03

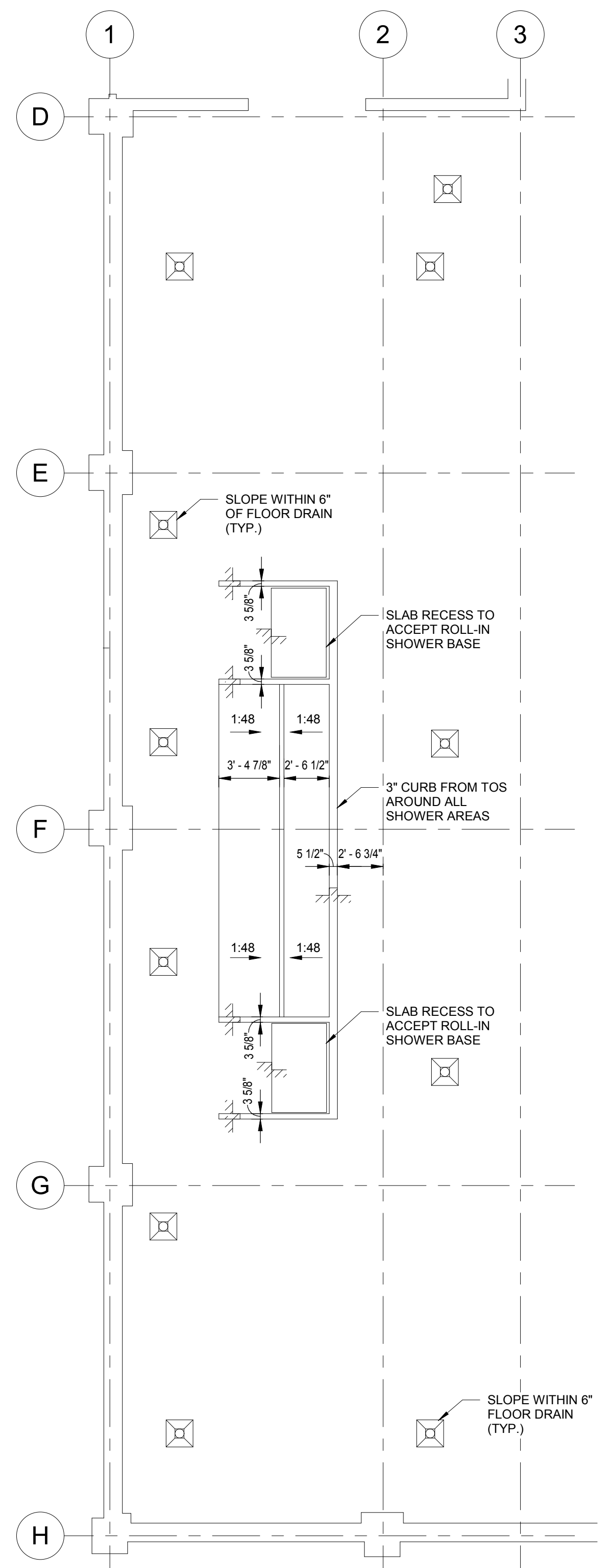


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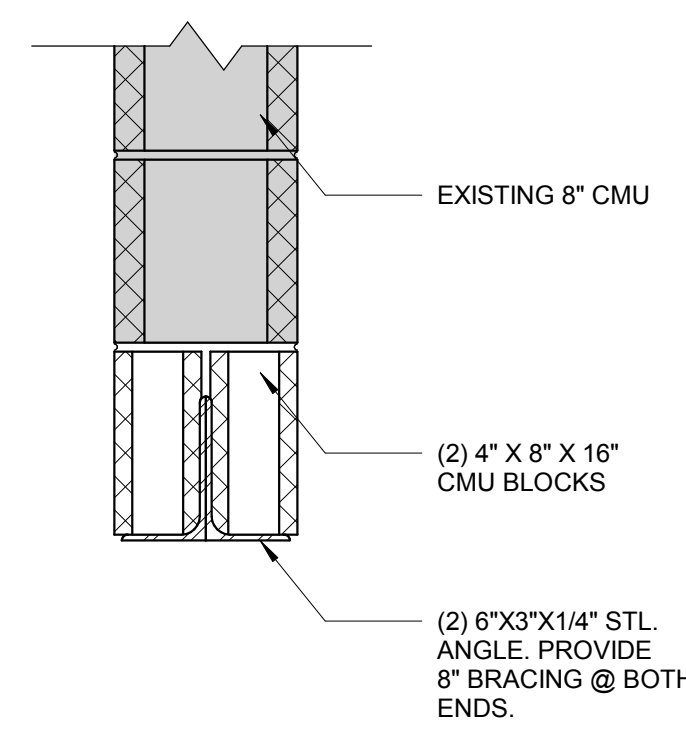
DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION SERVICES DIVISION ARE REQUIRED FOR ON-SITE CONSTRUCTION



1 GENERATOR ENCLOSURE
SCALE: 1/8" = 1'-0"

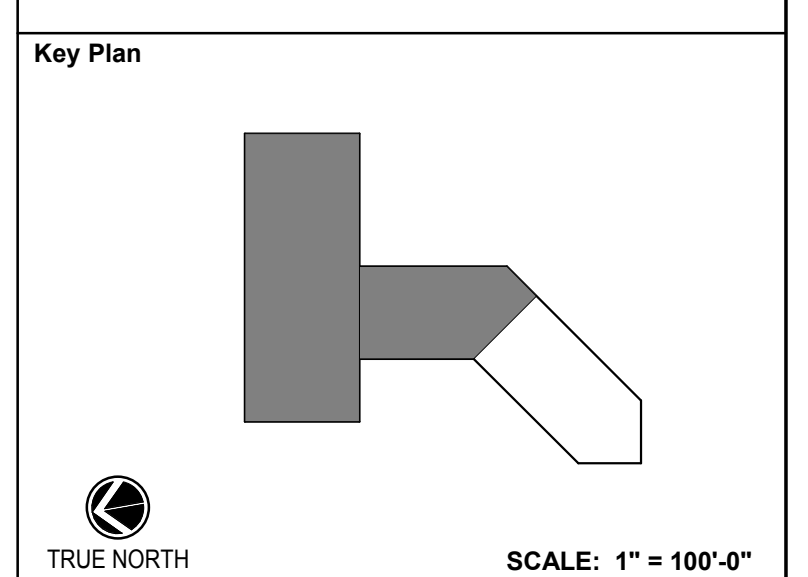


4 LOCKER ROOM SLAB PLAN
SCALE: 3/16" = 1'-0"



3 SECTION DETAILS LINTEL
SCALE: 1/12" = 1'-0"

2 FIRST FLOOR RENOVATION PLAN
SCALE: 1/8" = 1'-0"



Key Plan
SCALE: 1" = 100'-0"

No.	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

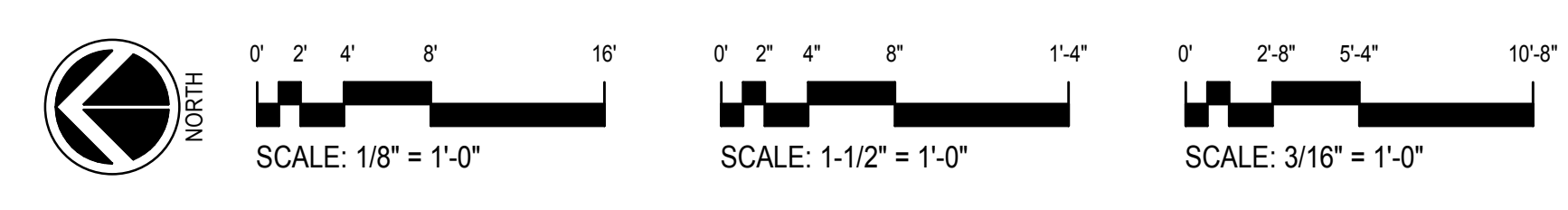
DELTA
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Tel: 301.718.0080
Fax: 301.718.9520
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Professional Engineer
Date: 12/23/2021 (PERMIT REVISIONS 04/01/2022)

Drawing Title
FIRST FLOOR RENOVATION PLAN

Drawing No.

A-101

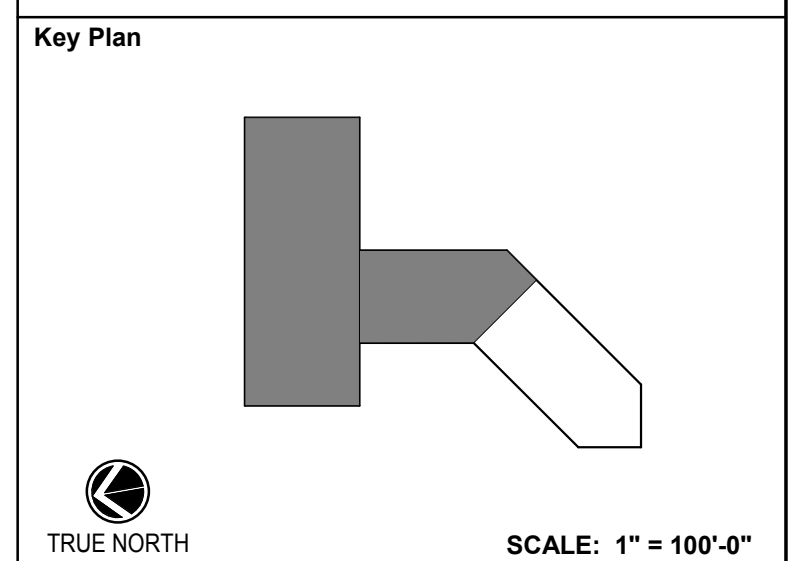
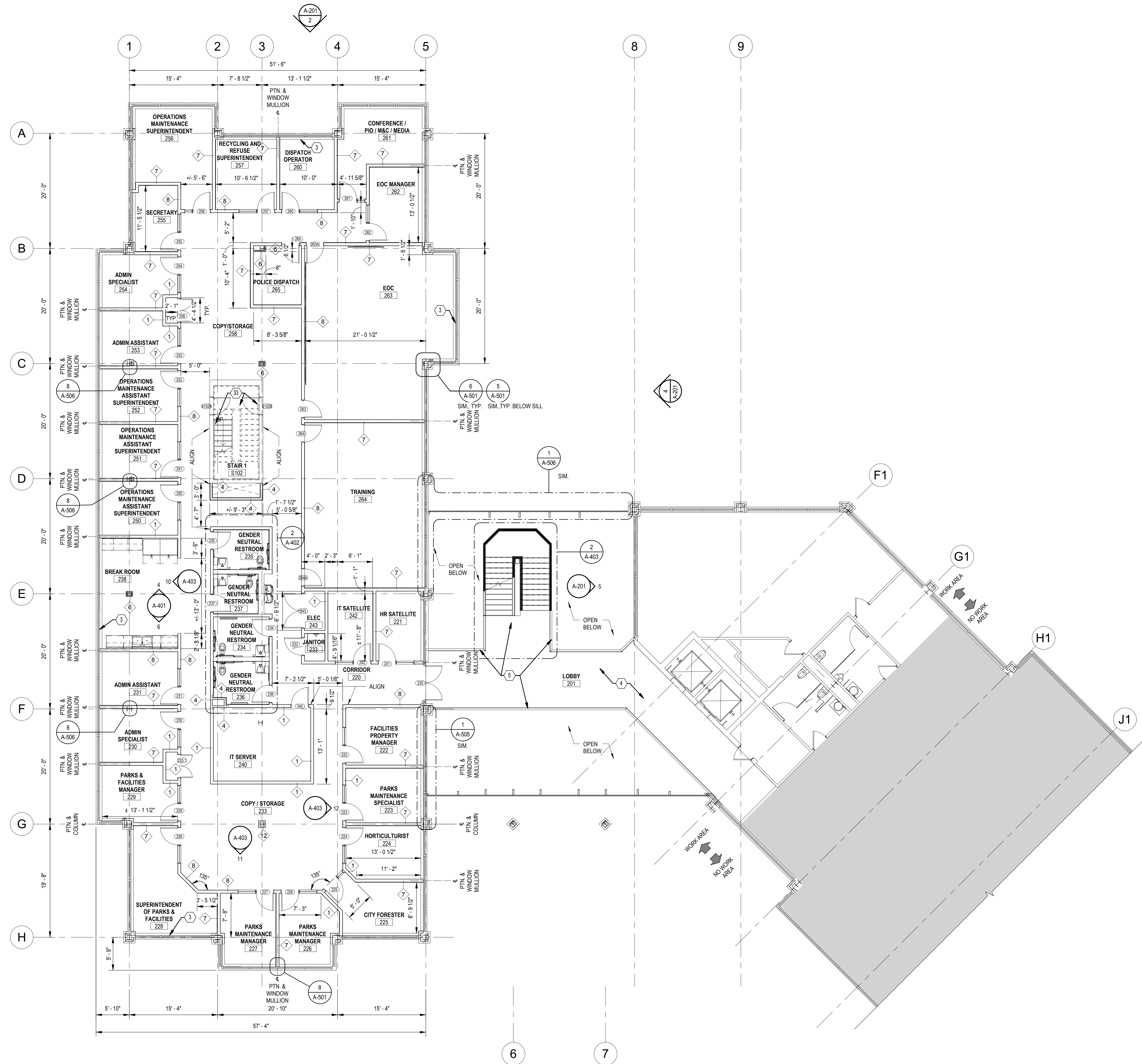


#	A-102 RENOVATION KEY NOTES
3	PROVIDE PARTIAL GWB SYSTEM AT ALL EXTERIOR WALLS. REFER TO DETAILS ON A-501 & A-502.
4	PROVIDE TILE FLOORING SYSTEM
5	PROVIDE GLASS RAILING SYSTEM
33	PROVIDE GUARDRAIL AND HANDRAIL EXTENSIONS AND PICKET INFILL AT EXISTING EGRESS STAIRS. REFER TO DETAIL 9A-4.03



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DIRECTOR OF PUBLIC WORKS DATE
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SERVICES DIVISION ARE REQUIRED FOR ON-SITE
CONSTRUCTION



No.	Revision	Date

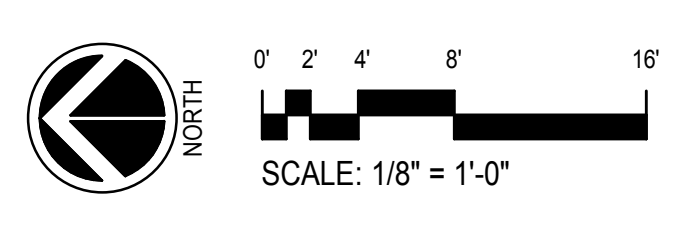
Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

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Phase: IFB #08-22
Project No.: 2019.331.004
Date: 12/23/2021 (PERMIT REVISIONS)
04/01/2022

RENOVATION LINE TYPE LEGEND	
	EXISTING ITEM(S) / EQUIPMENT TO REMAIN
	ITEM(S) / EQUIPMENT TO BE PROVIDED



1 SECOND FLOOR RENOVATION PLAN
A-102 SCALE: 1/8" = 1'-0"

Drawing Title
SECOND FLOOR RENOVATION PLAN

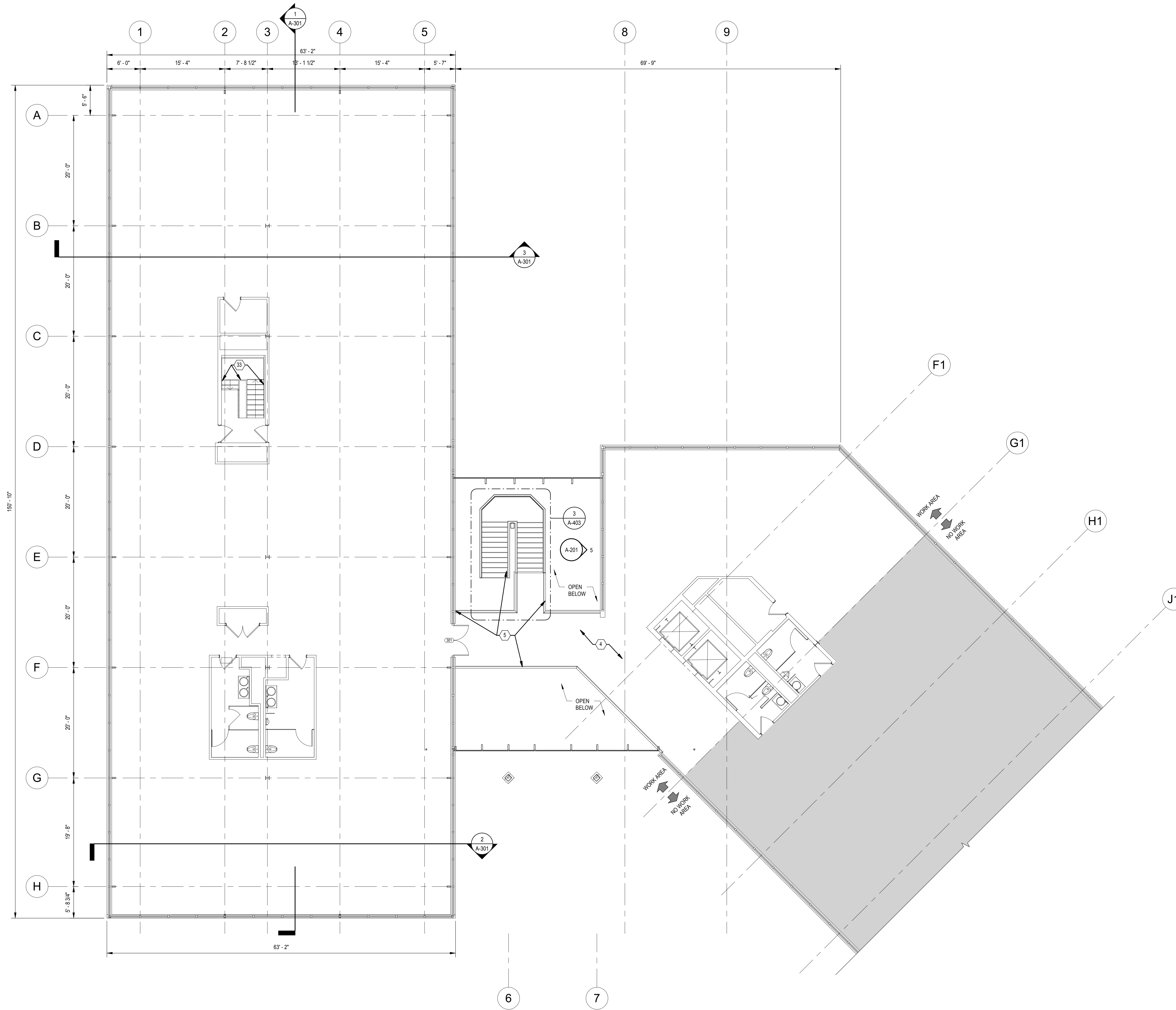
Drawing No.
A-102

#	A-103 RENOVATION KEY NOTES
5	PROVIDE GLASS RAILING SYSTEM
4	PROVIDE TILE FLOORING SYSTEM
33	PROVIDE GUARDRAIL AND HANDRAIL EXTENSIONS AND PICKET INFILL AT EXISTING EGRESS STAIRS. REFER TO DETAIL SA-4-03

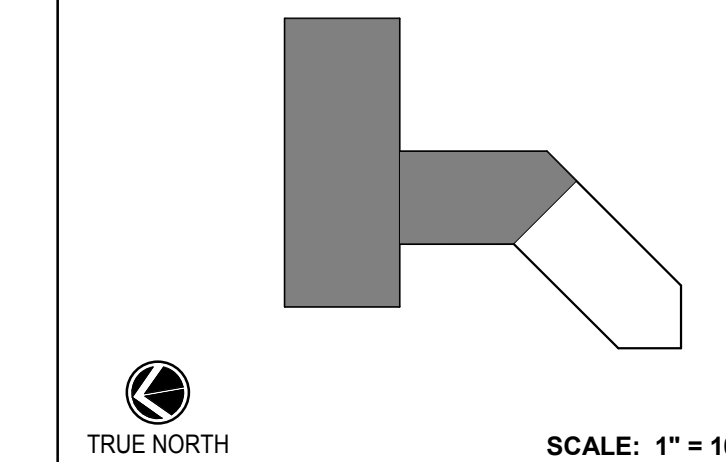


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DIRECTOR OF PUBLIC WORKS DATE
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SERVICES DIVISION ARE REQUIRED FOR ON-SITE
CONSTRUCTION



Key Plan



No.	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

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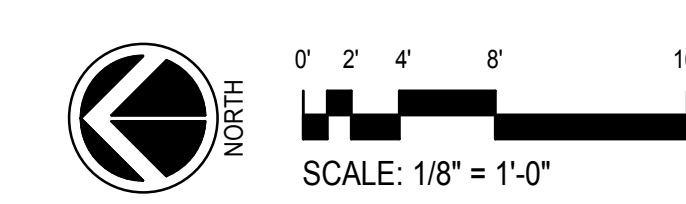
Seal
Phase
IFB #08-22
Project No.
2019.331.004
Date
12/23/2021 (PERMIT REVISIONS)
04/01/2022

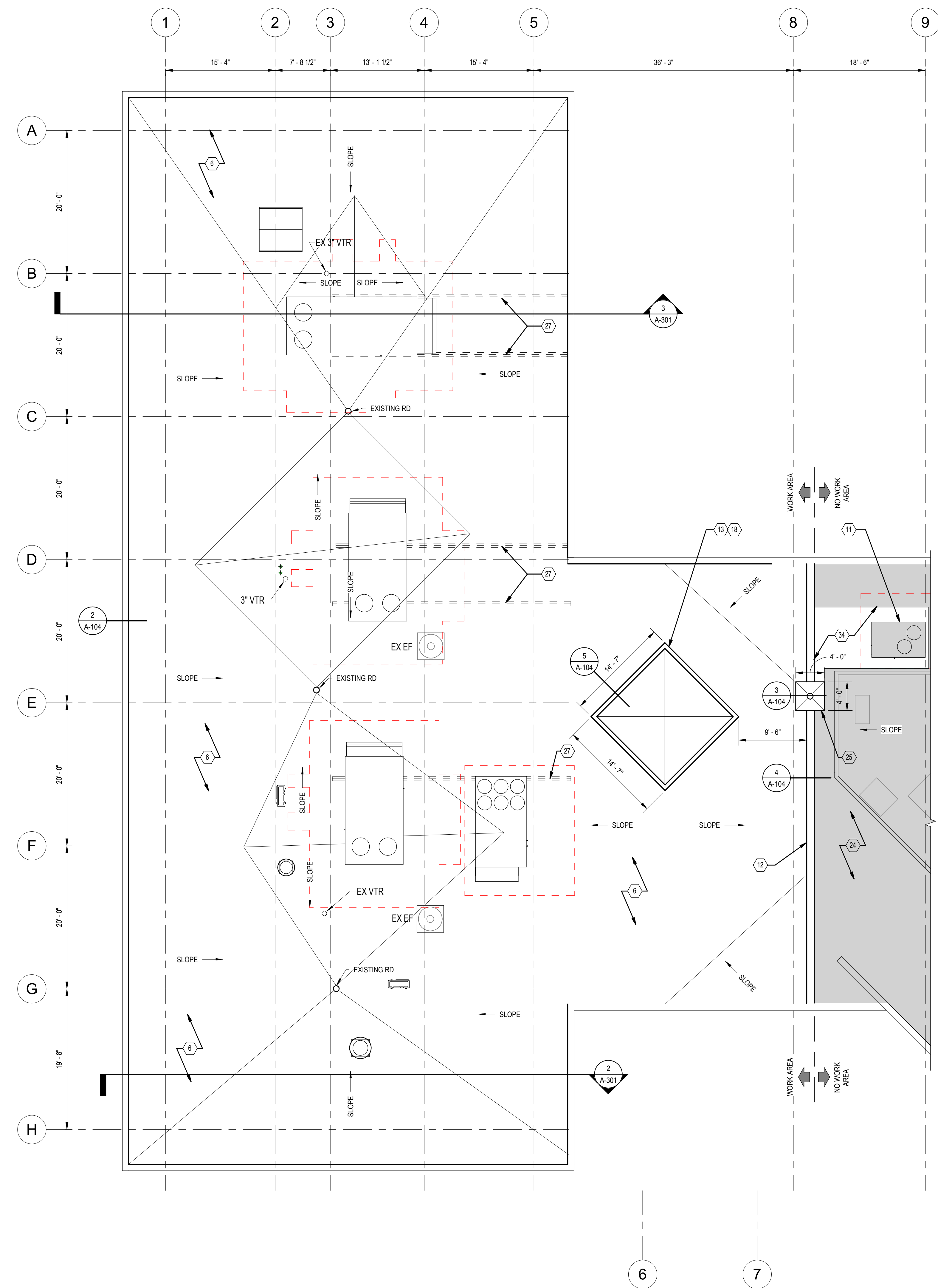
Drawing Title
THIRD FLOOR RENOVATION PLAN

Drawing No.

A-103

RENOVATION LINE TYPE LEGEND	
	EXISTING ITEM(S) / EQUIPMENT TO REMAIN
	ITEM(S) / EQUIPMENT TO BE PROVIDED



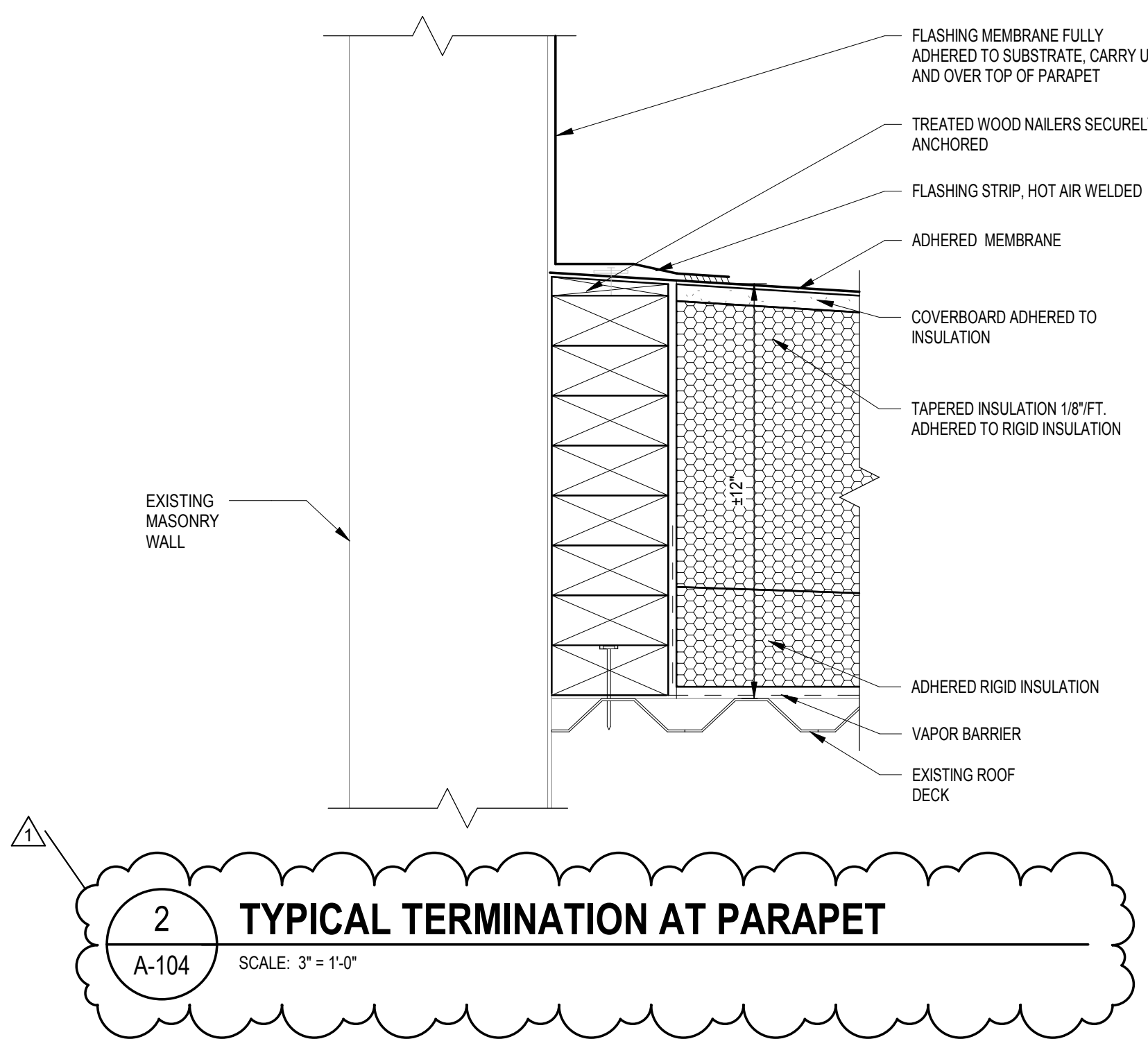


1 ROOF RENOVATION PLAN
A-104 SCALE: 1/8" = 1'-0"

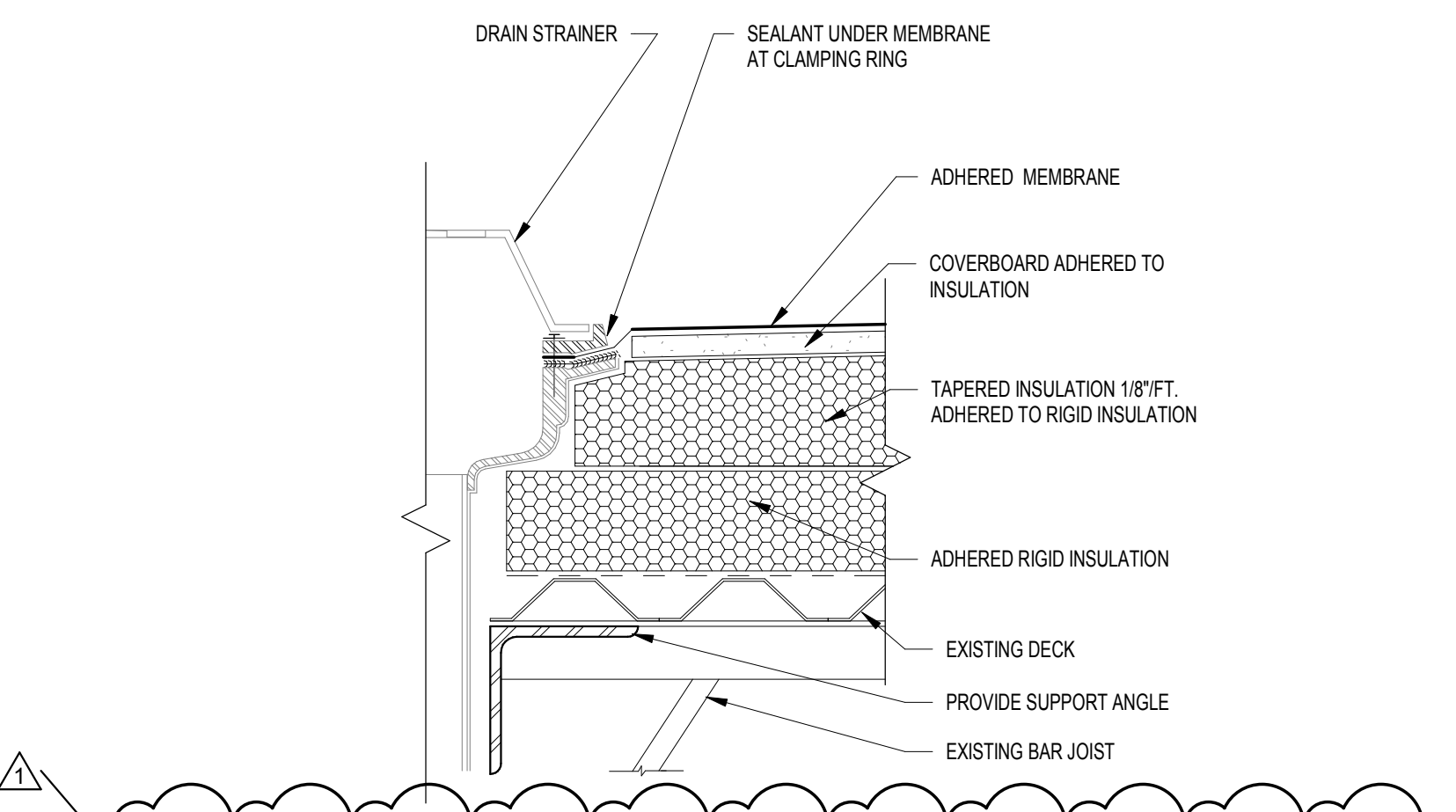
LINE TYPE LEGEND - ROOF	
(Solid line)	EXISTING TO REMAIN
(Dashed line)	ROOF SYSTEM, FLASHING, EQUIPMENT, ITEMS TO BE PROVIDED

A-104 RENOVATION KEY NOTES	
6	INSTALL R-30 MODIFIED BITUMEN ROOFING SYSTEM.
11	CARRY ALLOWANCE FOR SUPPLEMENTAL STEEL SUPPORT FOR RTU
12	INSTALL ROOF CURB AT TRANSITION BETWEEN NEW ROOF AND EXISTING ROOF.
13	REBUILD SKYLIGHT ROOF CURB TO ACCOMMODATE NEW ROOF SYSTEM.
18	PROVIDE SKYLIGHT SYSTEM ON NEW ROOF CURB
24	MAINTAIN EXISTING ROOF DRAINAGE PATTERN AT SOUTH WING
25	BREAK CURB AT EXISTING ROOF DRAIN
27	PROVIDE ADDITIONAL STEEL FRAMING TO SUPPORT MECHANICAL EQUIPMENT
34	PATCH/REPAIR MODIFIED BITUMEN ROOFING SYSTEM AROUND NEW MECH UNIT.

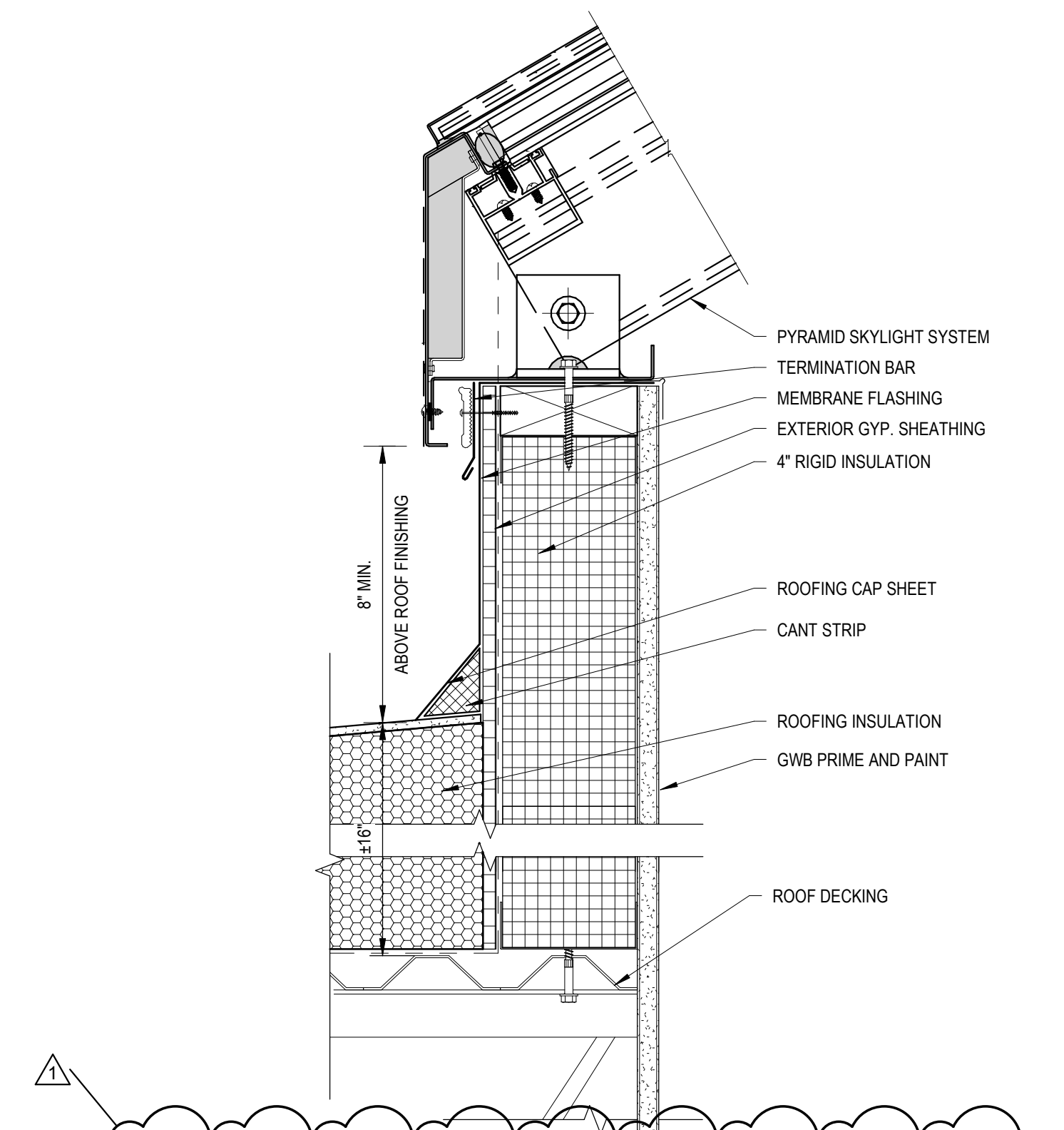
GENERAL ROOF NOTES	
A.	PRIOR TO COMMENCEMENT OF WORK FIELD VERIFY EXISTING DIMENSIONS, CONDITIONS AND QUANTITIES OF ROOF PENETRATIONS, EQUIPMENT, ANTENNAE, ETC.
B.	COORDINATE WITH OWNER FOR SCHEDULE AND REQUIREMENTS OF FUTURE/CONCURRENT PROJECTS
C.	COORDINATE SHUTDOWN OF INTAKE FANS AND OTHER VENTILATION EQUIPMENT WITH OWNER.
D.	PROVIDE 1/2" PER FOOT SLOPE CANT AT ROOF PERIMETER, 1'-8" IN TO ROOF FIELD FROM ROOF EDGE (TYP. U.O.N.).
E.	RAISE ANTENNAE AND PIPE SKIRTS/COLLARS TO ACCOMMODATE INSULATION THICKNESS. CLEARANCES ABOVE ROOF FIELD TO MATCH EXISTING UNLESS NOTED OTHERWISE.
F.	PROVIDE ADDITIONAL WOOD BLOCKING AS REQUIRED TO RAISE EQUIPMENT CURBS AND ROOF HATCH TO 18" MIN. ABOVE ROOF FIELD.
G.	PROVIDE COVERBOARD AND MEMBRANE ONLY WITH NO INSULATION FOR AREAS NOTED.
H.	PROVIDE OSHA APPROVED SAFETY GUARD RAILS AROUND ENTIRE PERIMETER OF WORK AREA FOR DURATION OF THE WORK.



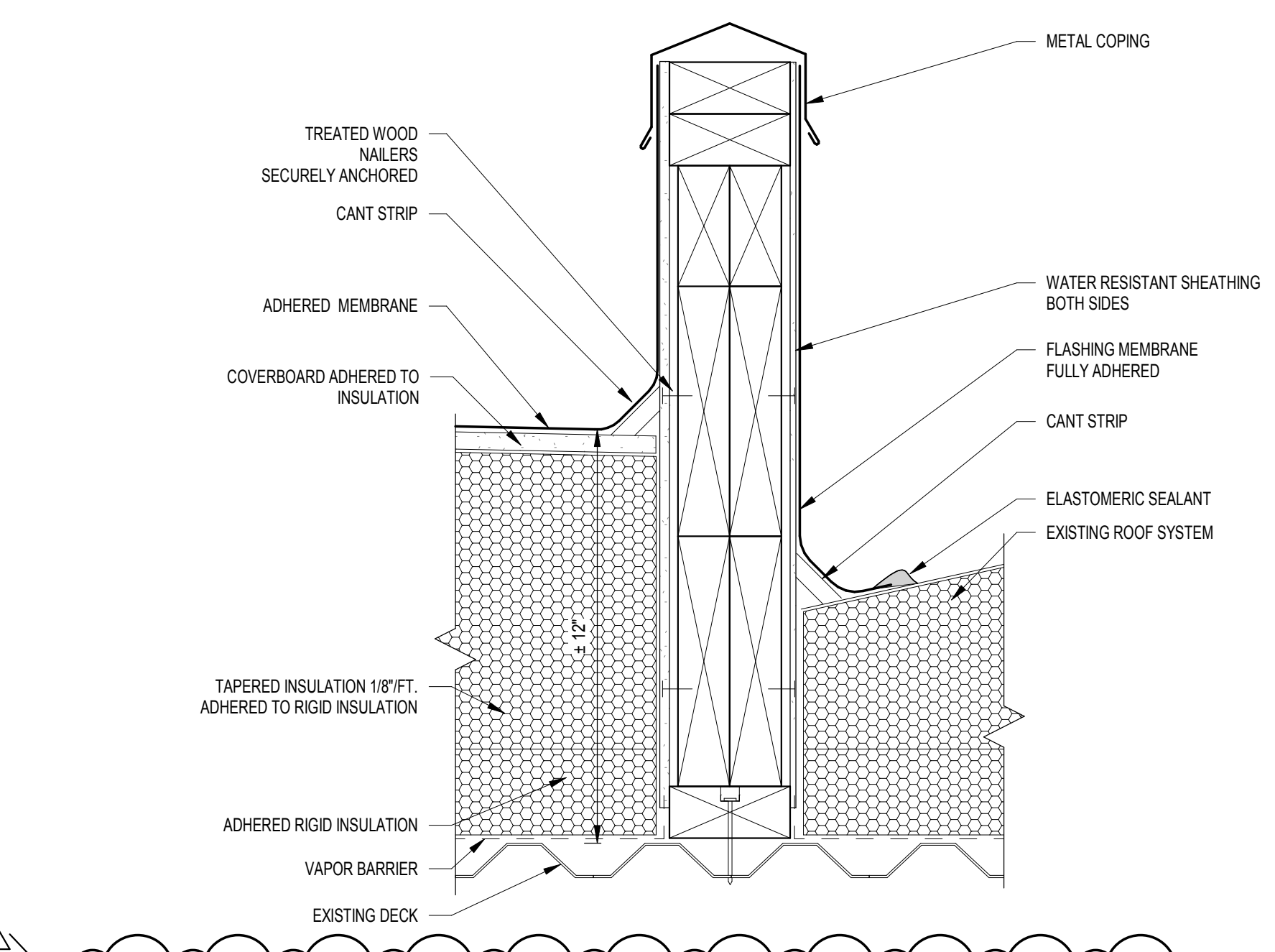
2 TYPICAL TERMINATION AT PARAPET
A-104 SCALE: 3" = 1'-0"



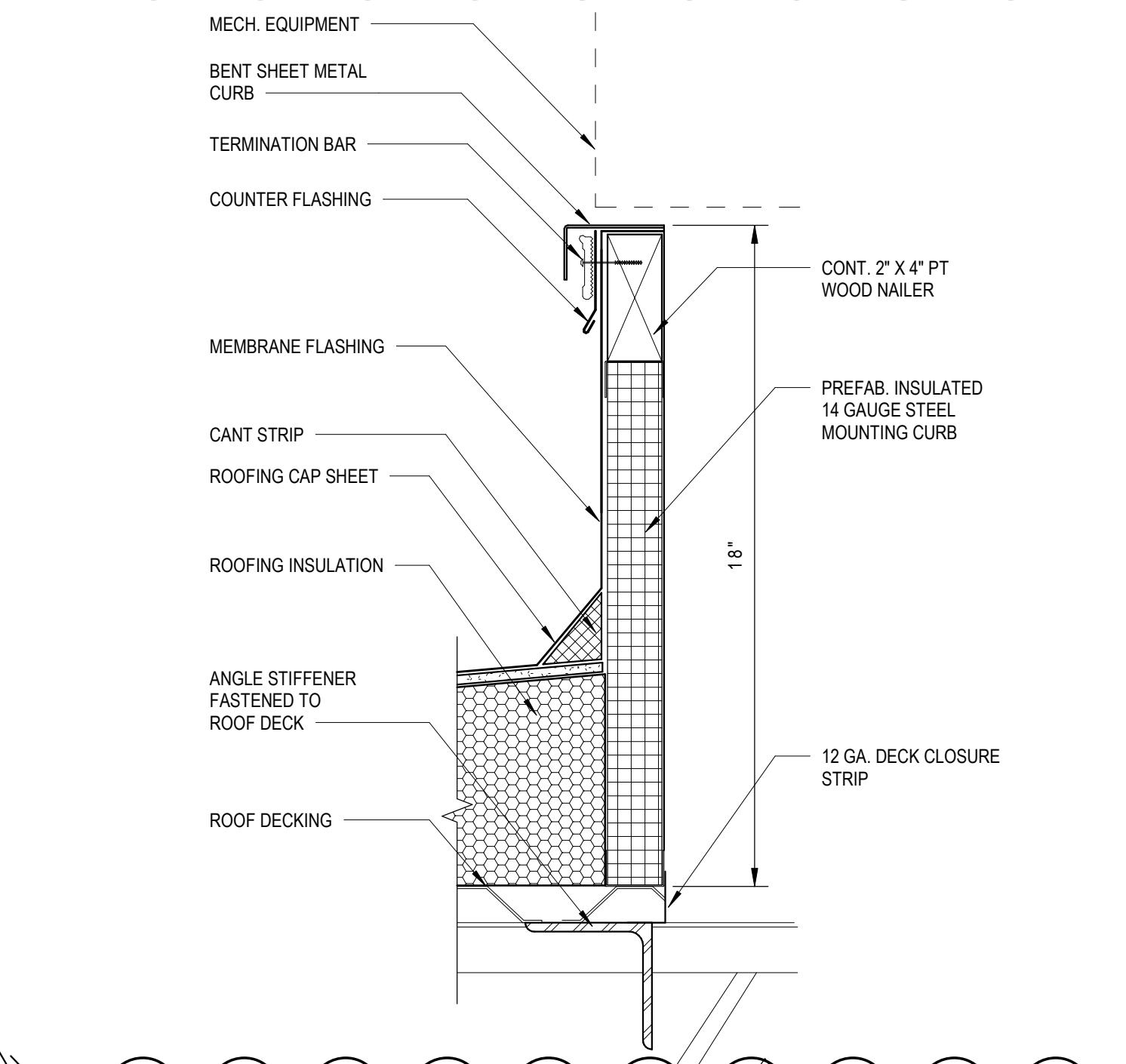
3 TYPICAL ROOF DRAIN TERMINATION
A-104 SCALE: 3" = 1'-0"



5 SKYLIGHT CURB SECTION
A-104 SCALE: 3" = 1'-0"



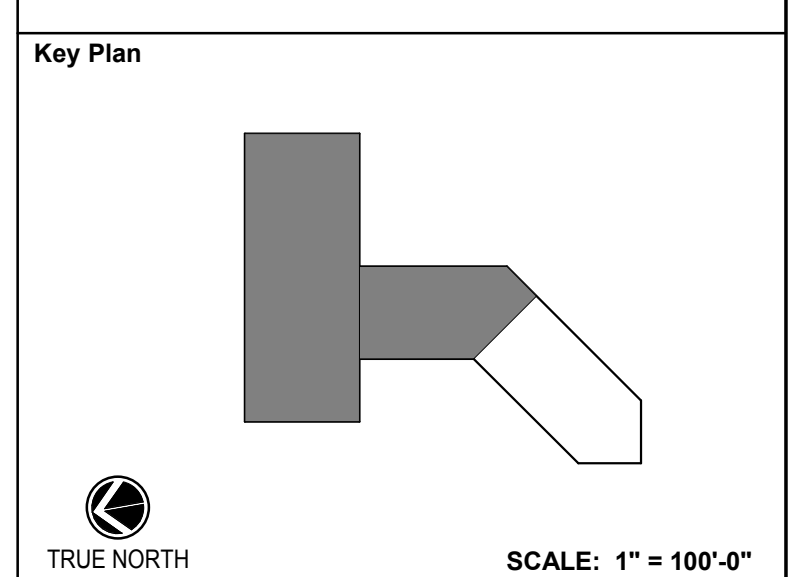
4 TERMINATION AT SADDLE
A-104 SCALE: 3" = 1'-0"



6 MECH. EQUIPMENT CURB SECTION
A-104 SCALE: 3" = 1'-0"



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TRUE NORTH SCALE: 1" = 100'-0"

No.	Permit Revisions	2022-04-01
No.	Revision	Date

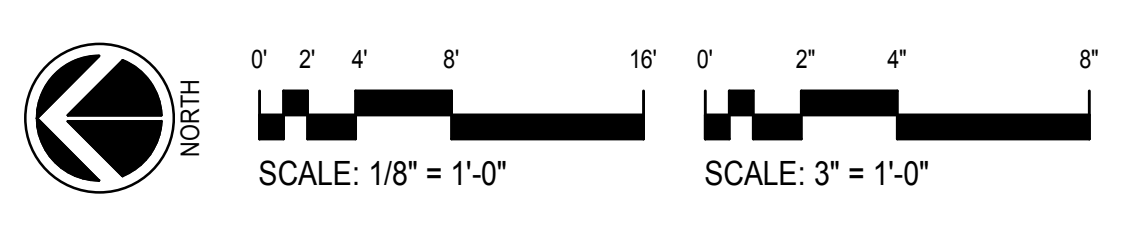
Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

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ENGINEERS, ARCHITECTS, & SURVEYORS
8401 Connecticut Avenue, Suite 350
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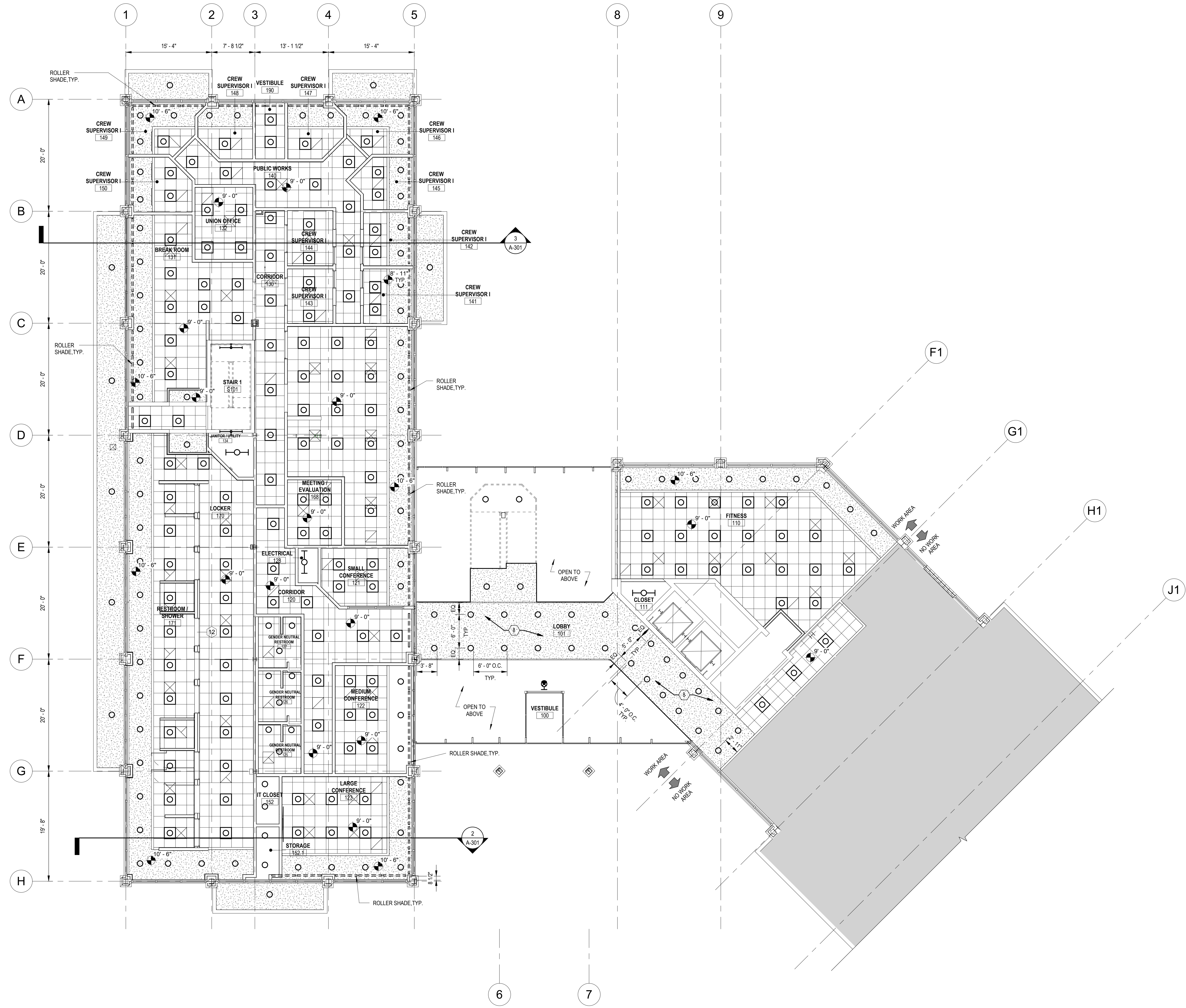
Seal of State of Maryland
Phase IFB #08-22
Project No. 2019.331.004
Date 12/23/2021 (PERMIT REVISIONS 04/01/2022)

Drawing Title
ROOF RENOVATION PLAN

Drawing No.



A-104



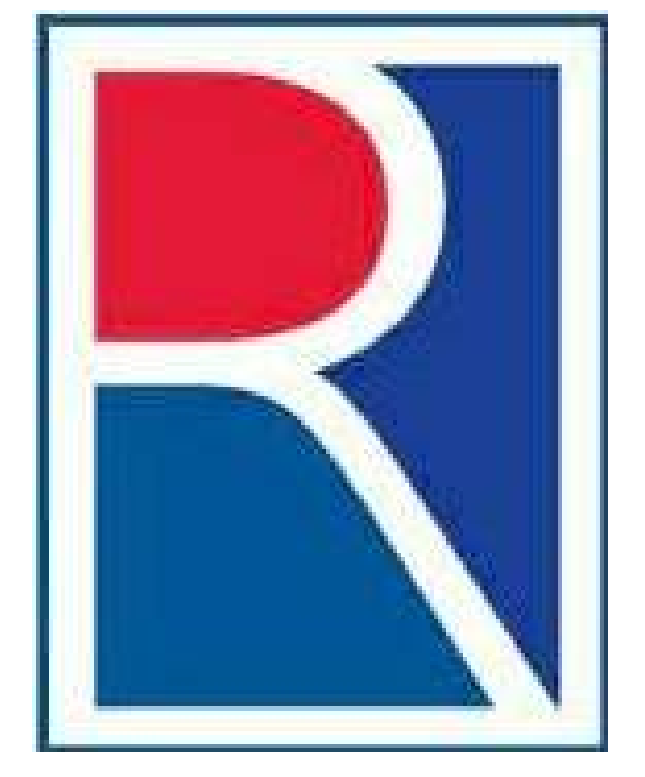
REFLECTED CEILING PLAN LEGEND

- 2x2 ACOUSTICAL CEILING TILE
- GYPSUM WALL BOARD
- RECESSED CAN LIGHT FIXTURE
- 1'x4' LIGHT FIXTURE
- 2'x4' LIGHT FIXTURE (SHADING DENOTES EMERGENCY LIGHT)
- 2'x2 LIGHT FIXTURE (SHADING DENOTES EMERGENCY LIGHT)
- EXTERIOR WALL PACK LIGHT
- WALL MOUNTED SCONCE
- ACCESS HATCH PANEL
- SUPPLY DIFFUSER - SIZES VARIES
- RETURN DIFFUSER - SIZES VARIES
- EXHAUST DIFFUSER - SIZES VARIES
- SMOKE DETECTOR
- HEAT DETECTOR
- CO DETECTOR
- OCCUPANCY SENSOR
- EXIT LIGHT
- EMERGENCY LIGHT UNIT
- COMBO EXIT/EMERGENCY LIGHT UNIT
- 'X'-'X' CEILING HEIGHT A.F.F.

NOTE: REFER TO 'FP', 'M', AND 'E' DRAWINGS FOR EXACT FIXTURE / EQUIPMENT TYPE(S), SIZES AND ADDITIONAL INFORMATION.

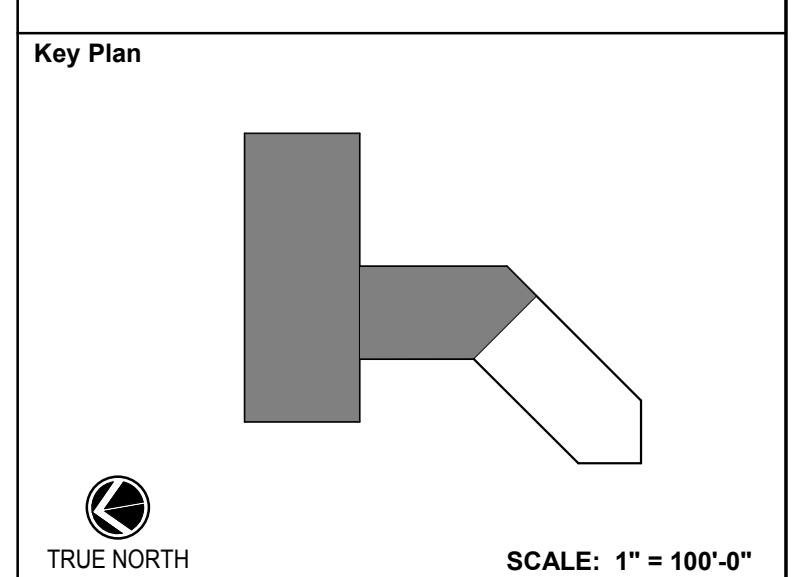
A-111 RENOVATION KEY NOTES

8	PROVIDE GYP CEILING TO MATCH EXISTING
---	---------------------------------------



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DIRECTOR OF PUBLIC WORKS DATE
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SERVICES DIVISION ARE REQUIRED FOR ON-SITE
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No.	Revision	Date

Project Name
CITY OF ROCKVILLE
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Seal:

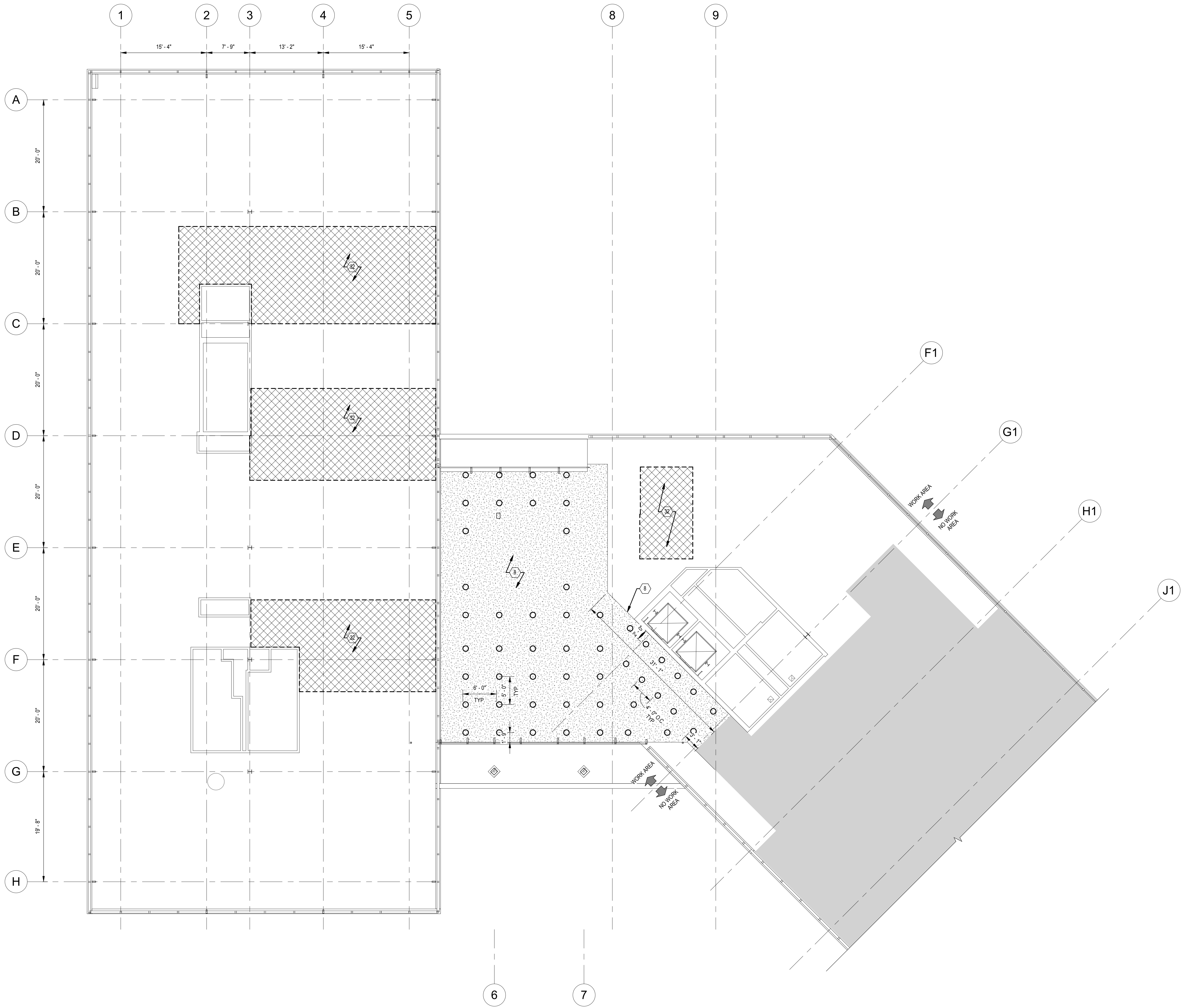
Phase: IFB #08-22
Project No.: 2019.331.004

Date: 12/23/2021 (PERMIT REVISIONS)
04/01/2022

Drawing Title
FIRST FLOOR RENOVATION
RCP

Drawing No.
A-111





REFLECTED CEILING PLAN LEGEND

	2x2 ACOUSTICAL CEILING TILE
	GYPSUM WALL BOARD
	RECESSED CAN LIGHT FIXTURE
	1'x4' LIGHT FIXTURE
	2'x4' LIGHT FIXTURE (SHADING DENOTES EMERGENCY LIGHT)
	2'x2' LIGHT FIXTURE (SHADING DENOTES EMERGENCY LIGHT)
	EXTERIOR WALL PACK LIGHT
	WALL MOUNTED SCONCE
	ACCESS HATCH PANEL
	SUPPLY DIFFUSER - SIZES VARIES
	RETURN DIFFUSER - SIZES VARIES
	EXHAUST DIFFUSER - SIZES VARIES
	SMOKE DETECTOR
	HEAT DETECTOR
	CO DETECTOR
	OCCUPANCY SENSOR
	EXIT LIGHT
	EMERGENCY LIGHT UNIT
	COMBO EXIT/EMERGENCY LIGHT UNIT
	'X'-X' CEILING HEIGHT A.F.F.

NOTE: REFER TO 'P', 'M', AND 'E' DRAWINGS FOR EXACT FIXTURE / EQUIPMENT TYPE(S), SIZES AND ADDITIONAL INFORMATION.

A-113 RENOVATION KEY NOTES

8	PROVIDE GYP CEILING TO MATCH EXISTING
32	REINSTALL SPRINKLER PIPING, CEILING TILES AND GRID UPON COMPLETION OF ABOVE CEILING WORK



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CONSTRUCTION

Key Plan

No.	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1

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Seal: [Professional Engineer Seal for State of Maryland, No. 1385, Exp. 06/23/2022]

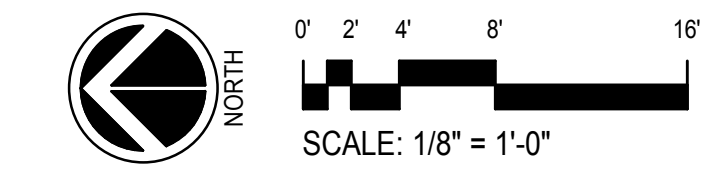
Phase: IFB #08-22
Project No.: 2019.331.004

Date: 12/23/2021 (PERMIT REVISIONS 04/01/2022)

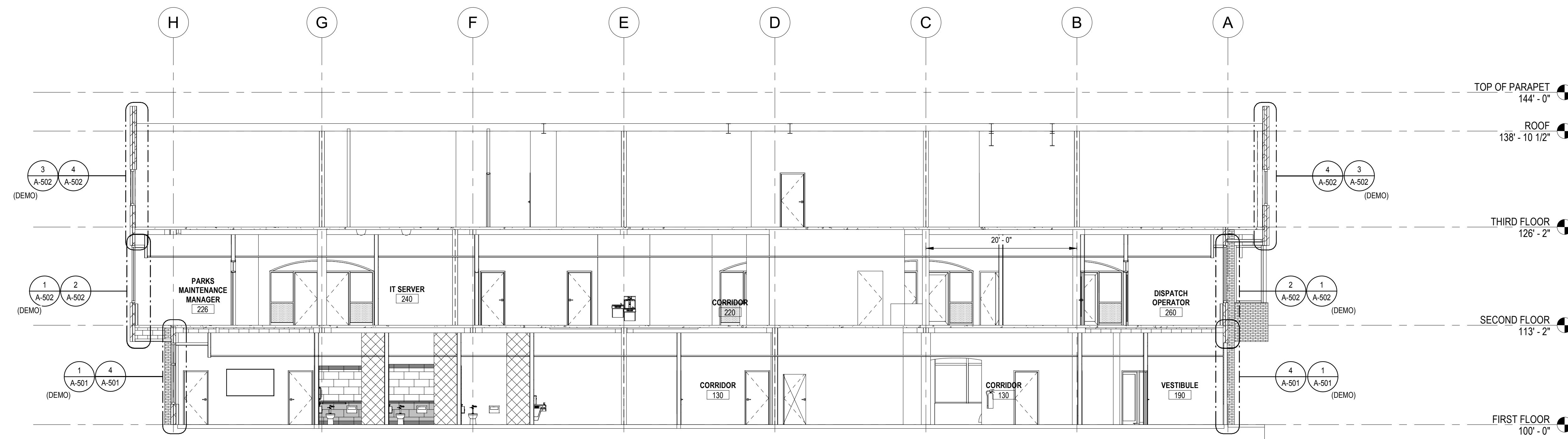
Drawing Title
THIRD FLOOR RENOVATION
RCP

Drawing No.

1 **THIRD FLOOR RENOVATION RCP**
A-113 SCALE: 1/8" = 1'-0"



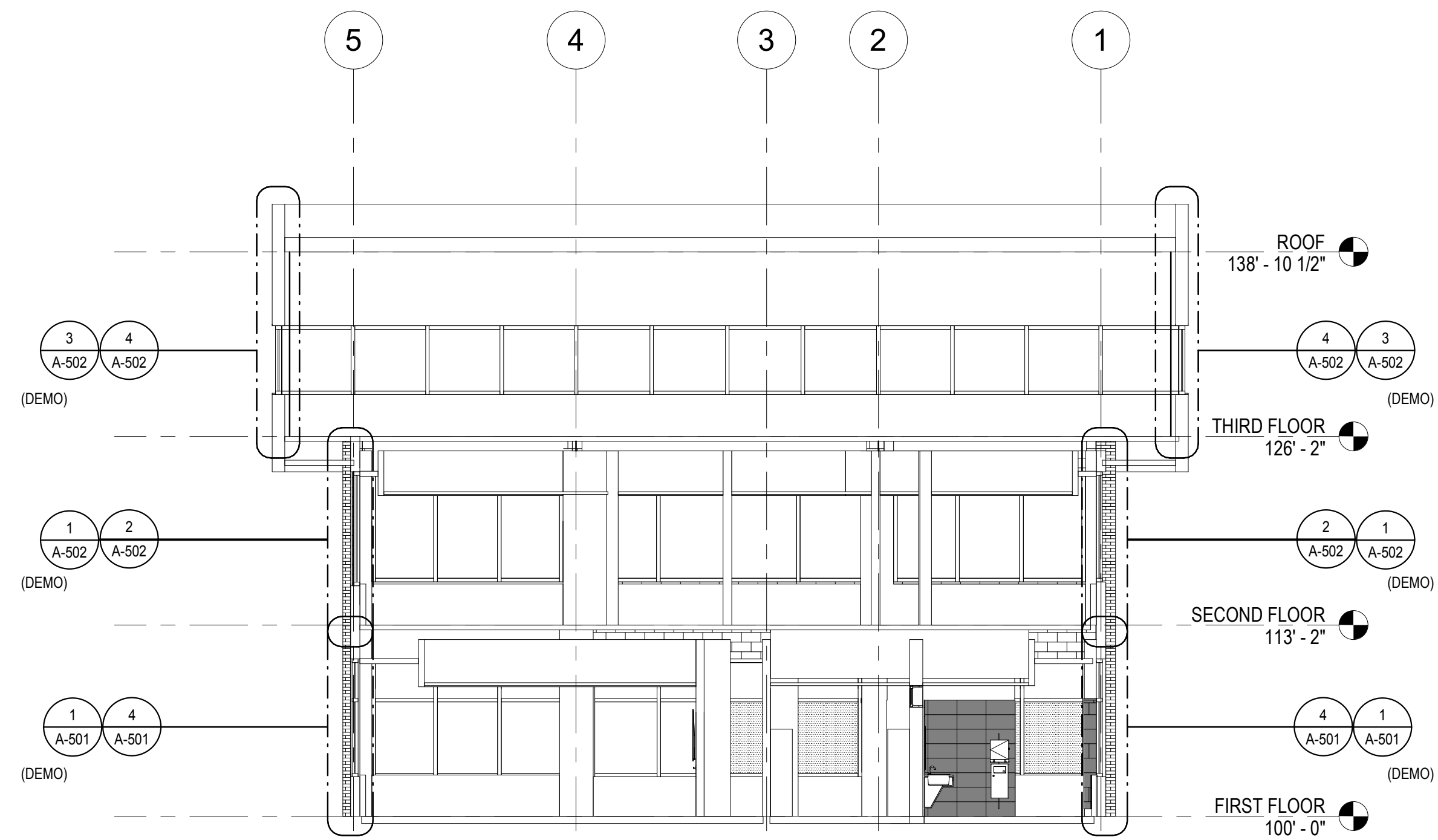
A-113



NOTE: DRAWING IS FOR REFERENCE TO WINDOW AND EXTERIOR WALL REMOVAL AND NEW WORK DETAILS. REFER TO INTERIOR ELEVATION FOR INTERIOR CONSTRUCTION NOTES AND DIMENSIONS

1 E-W BUILDING SECTION (LOOKING NORTH)

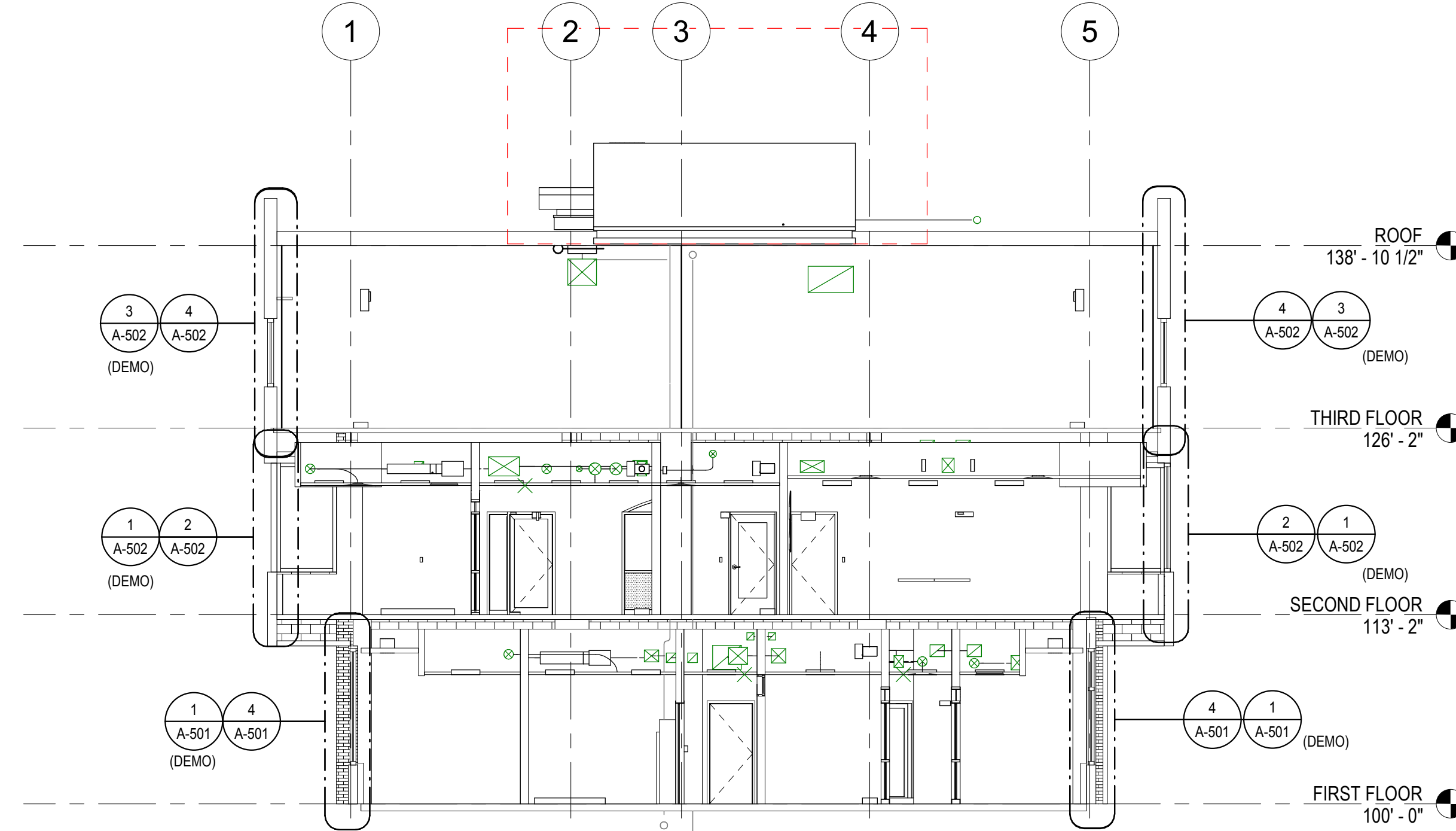
A-301 SCALE: 1/8" = 1'-0"



NOTE: DRAWING IS FOR REFERENCE TO WINDOW AND EXTERIOR WALL REMOVAL AND NEW WORK DETAILS. REFER TO INTERIOR ELEVATION FOR INTERIOR CONSTRUCTION NOTES AND DIMENSIONS

2 N/S BUILDING SECTION (LOOKING SOUTH)

A-301 SCALE: 1/8" = 1'-0"



NOTE: DRAWING IS FOR REFERENCE TO WINDOW AND EXTERIOR WALL REMOVAL AND NEW WORK DETAILS. REFER TO INTERIOR ELEVATION FOR INTERIOR CONSTRUCTION NOTES AND DIMENSIONS

3 N/S BUILDING SECTION (LOOKING NORTH)

A-301 SCALE: 1/8" = 1'-0"



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No.	Revision	Date

Project Name
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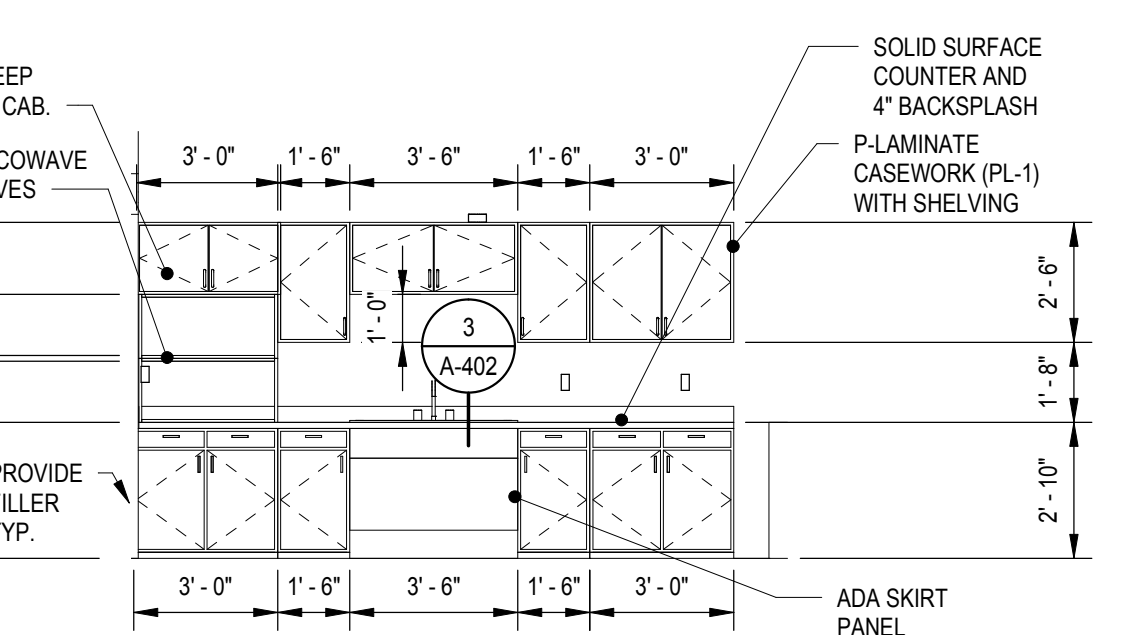
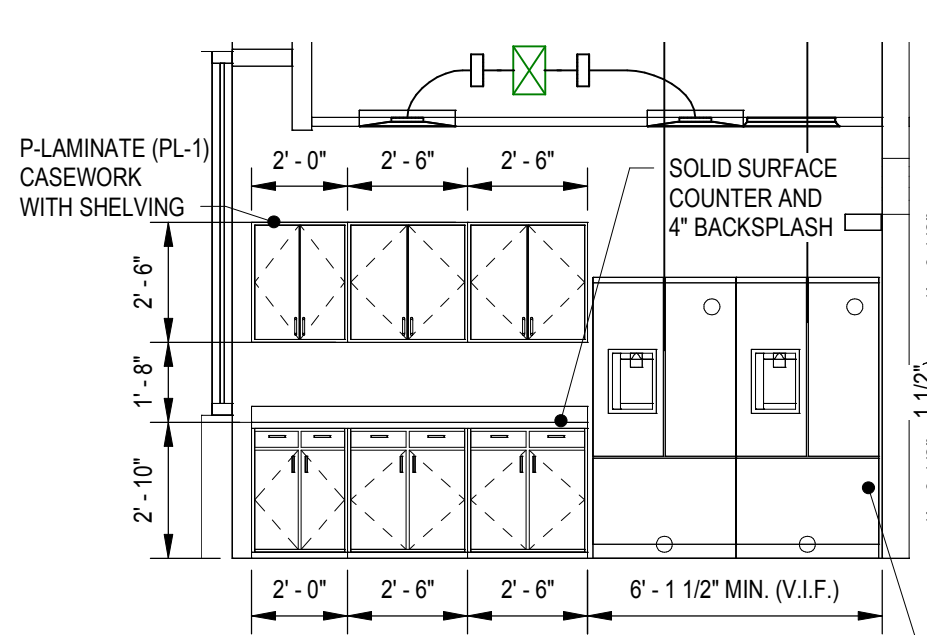
Seal: [Professional Engineer Seal]
Phase: IFB #08-22
Project No.: 2019.331.004
Date: 12/23/2021 (PERMIT REVISIONS 04/01/2022)

Drawing Title
BUILDING SECTIONS

Drawing No.
A-301

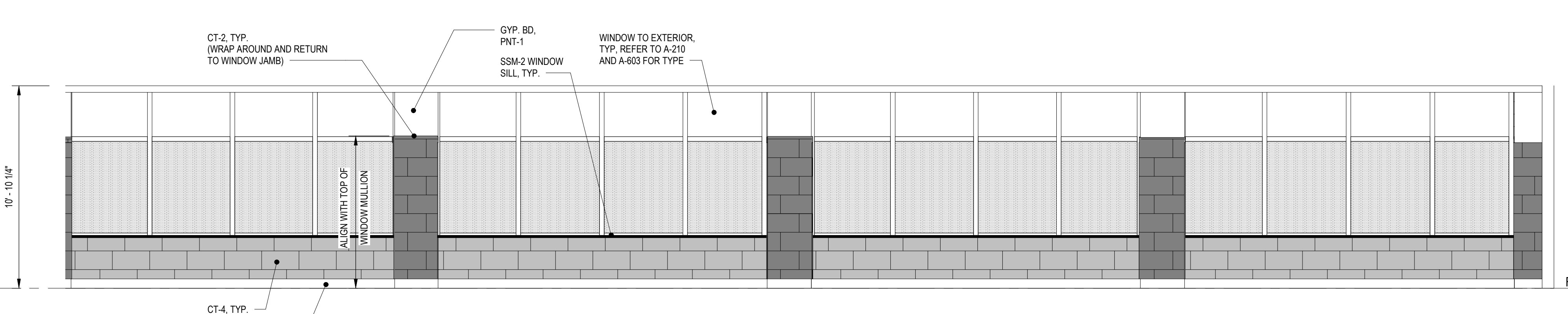
NOTE: ALL CASEWORK DOORS AND DRAWERS SHALL INCLUDE LOCKS

NOTE: ALL CASEWORK DOORS AND DRAWERS SHALL INCLUDE LOCKS



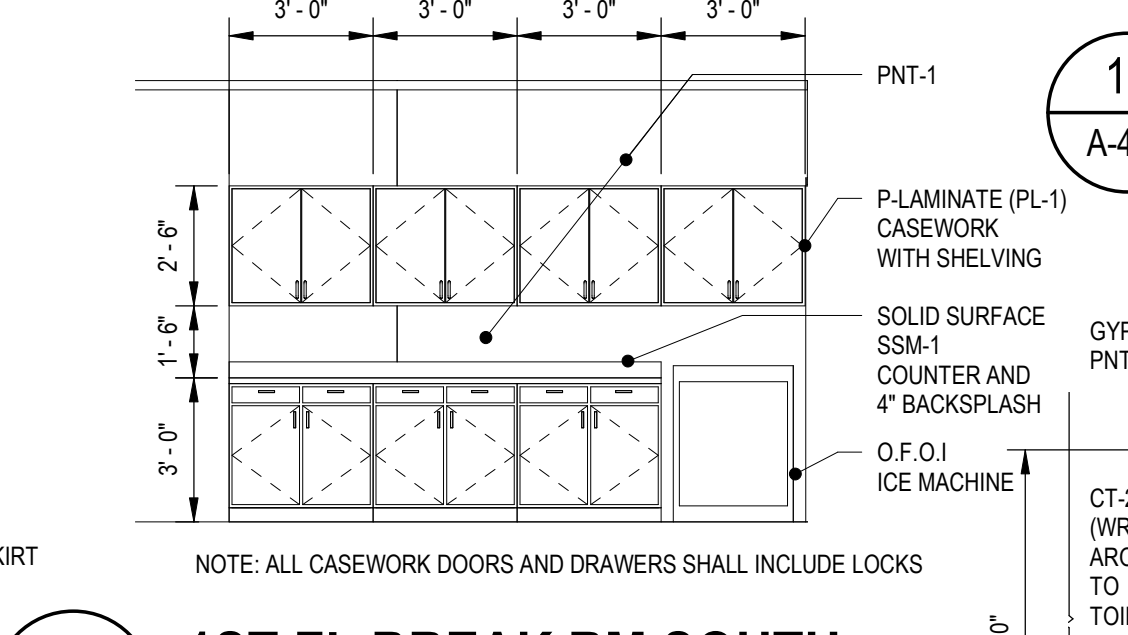
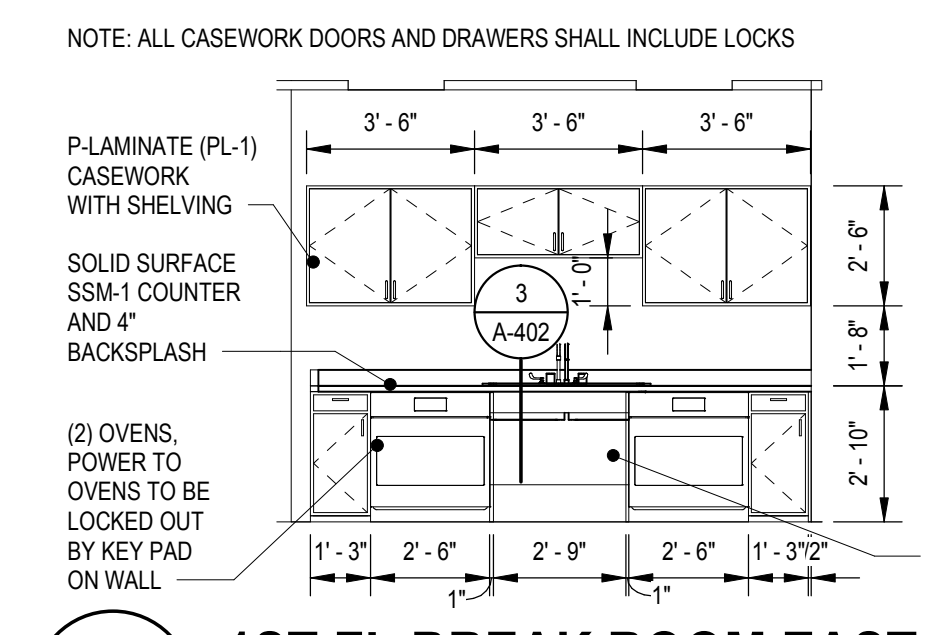
4 BREAK RM ELEVATION EAST
A-401 SCALE: 1/4" = 1'-0"

6 BREAK RM ELEVATION WEST
A-401 SCALE: 1/4" = 1'-0"



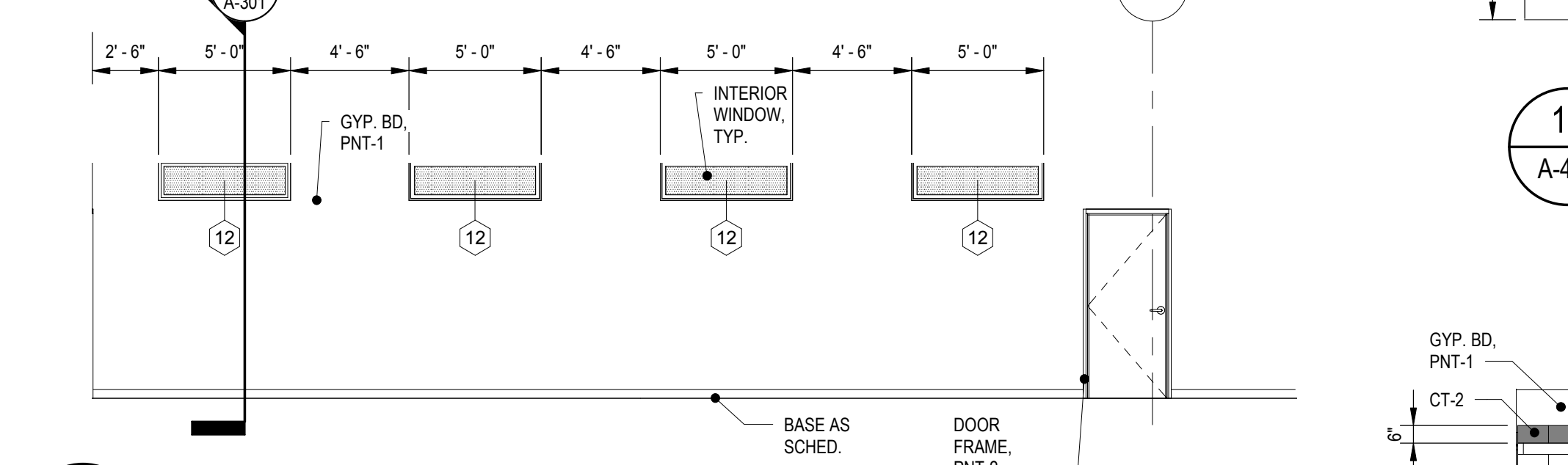
GLAZING LEGEND table with three entries: VISION GLAZING, TRANSLUCENT GLAZING, SPANDREL GLAZING.

FIRST FLOOR 100'-0"

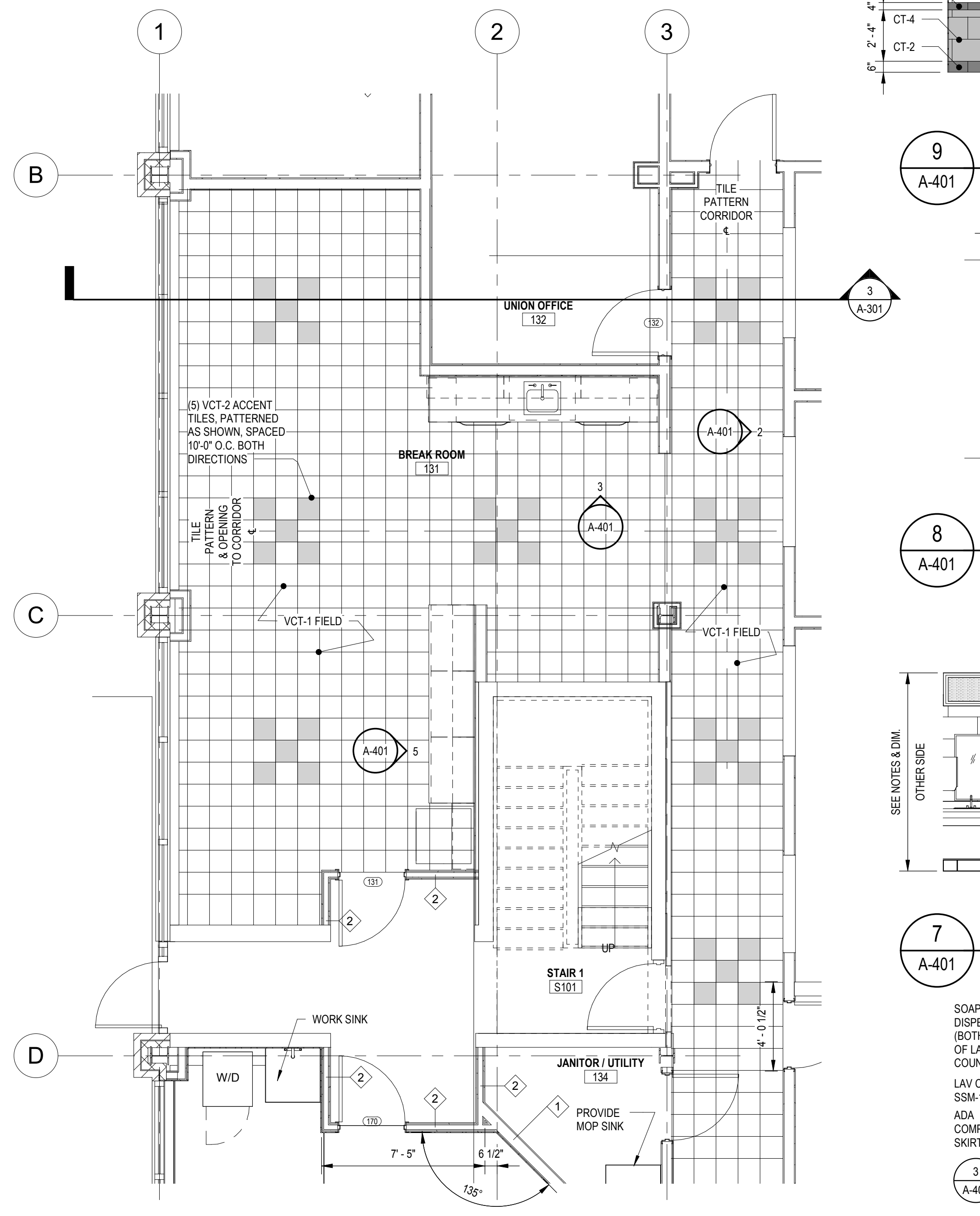


3 1ST FL BREAK ROOM EAST
A-401 SCALE: 1/4" = 1'-0"

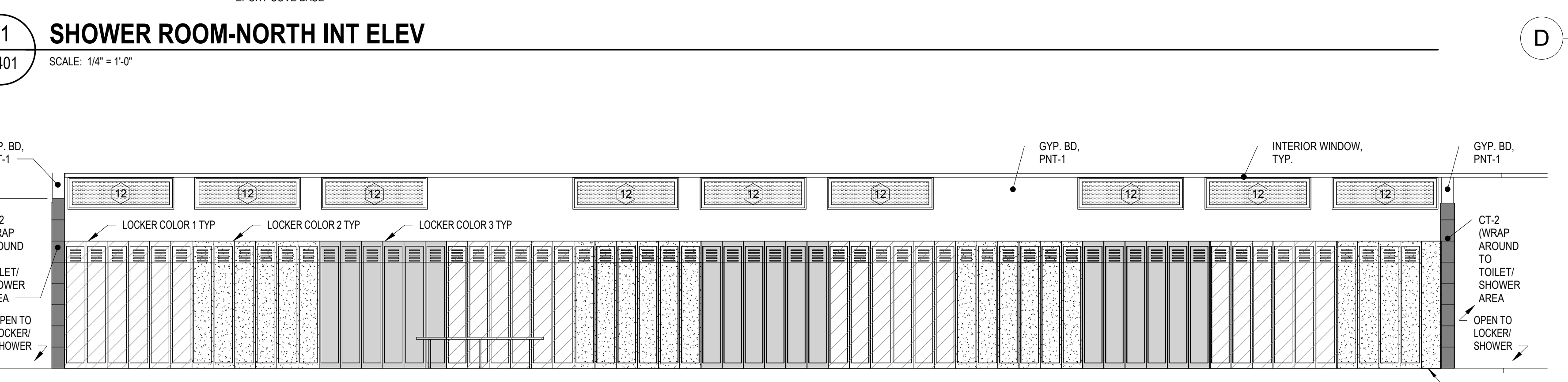
5 1ST FL BREAK RM SOUTH
A-401 SCALE: 1/4" = 1'-0"



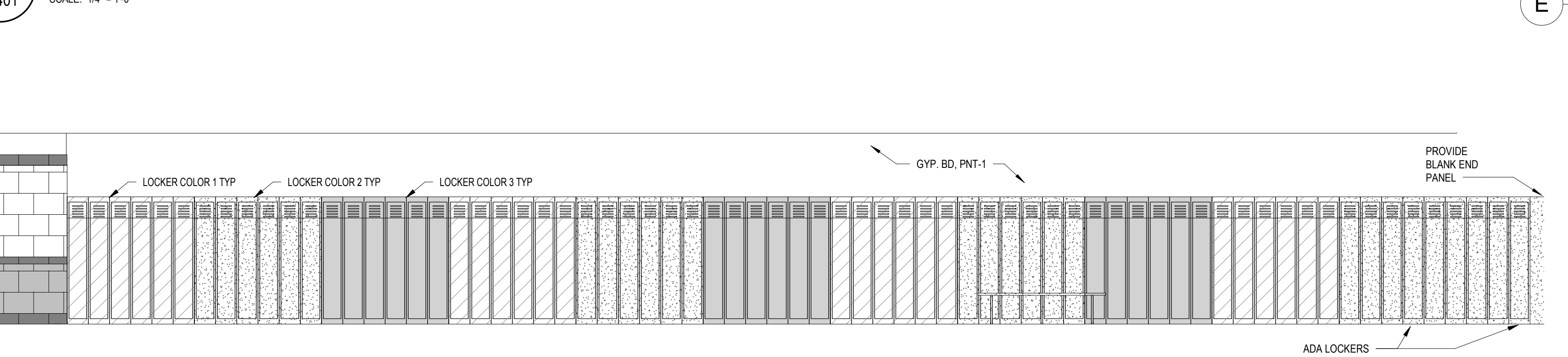
2 ELEVATION AT CORRIDOR
A-401 SCALE: 3/16" = 1'-0"



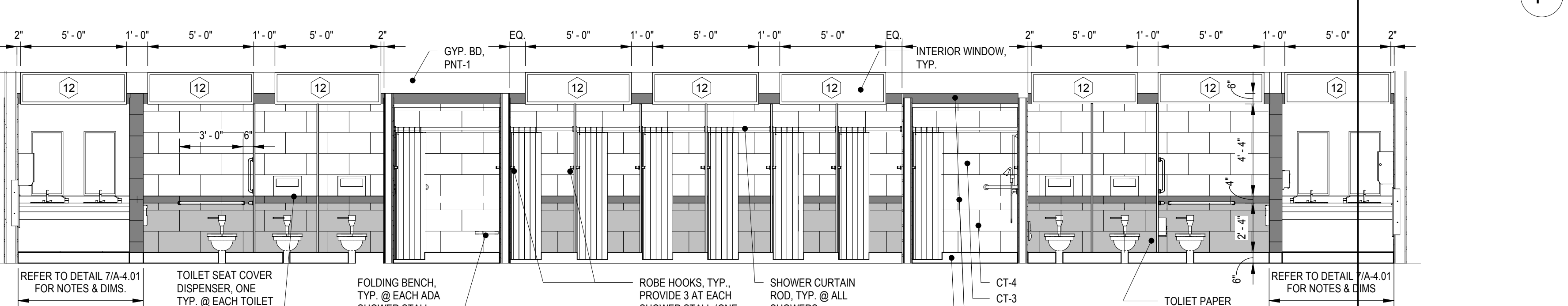
1 FIRST FLOOR STAIR / BREAK ROOM PLAN
A-401 SCALE: 1/4" = 1'-0"



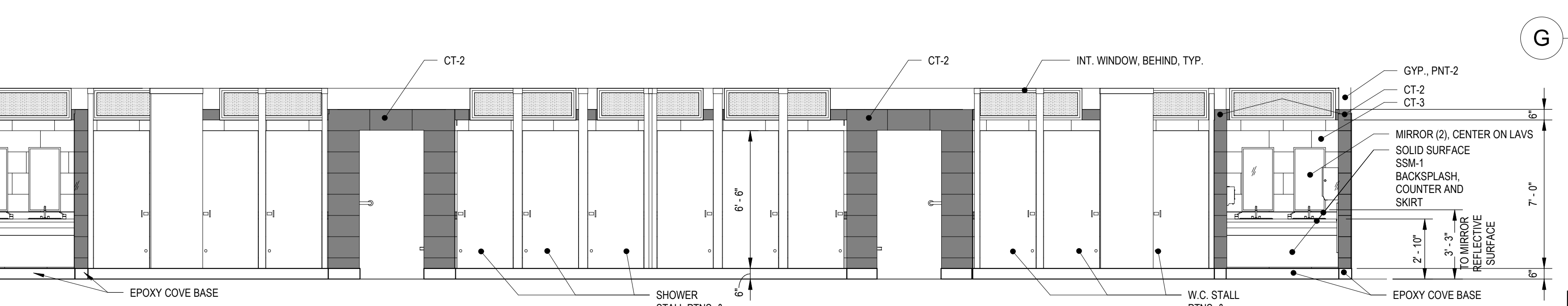
11 SHOWER ROOM-NORTH INT ELEV
A-401 SCALE: 1/4" = 1'-0"



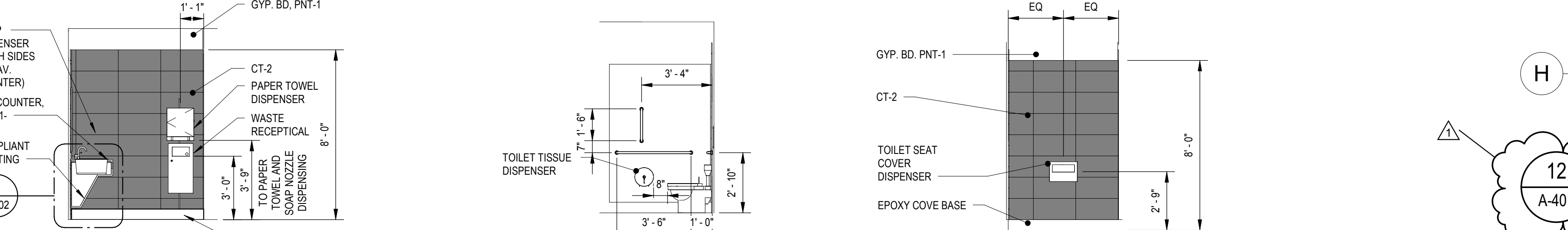
10 LOCKER ROOM-NORTH INT ELEV
A-401 SCALE: 1/4" = 1'-0"



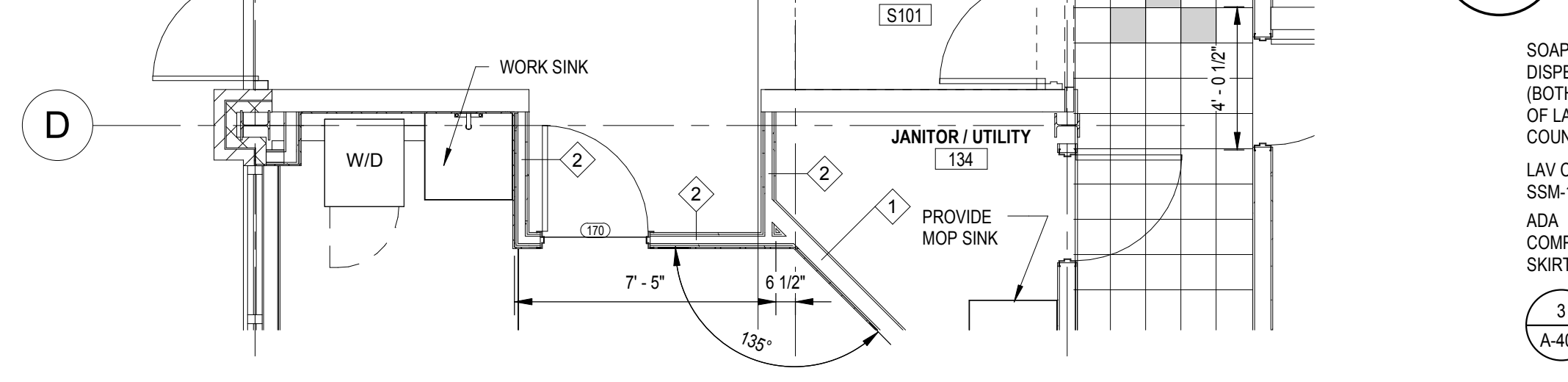
9 LOCKER ROOM- SOUTH INT ELEV
A-401 SCALE: 1/4" = 1'-0"



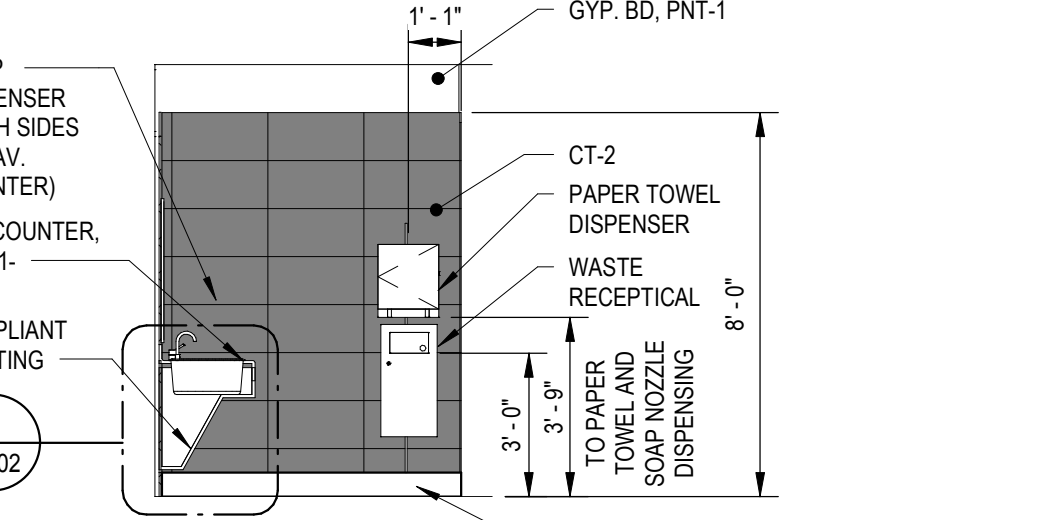
8 SHOWER ROOM-SOUTH INT ELEV 1
A-401 SCALE: 1/4" = 1'-0"



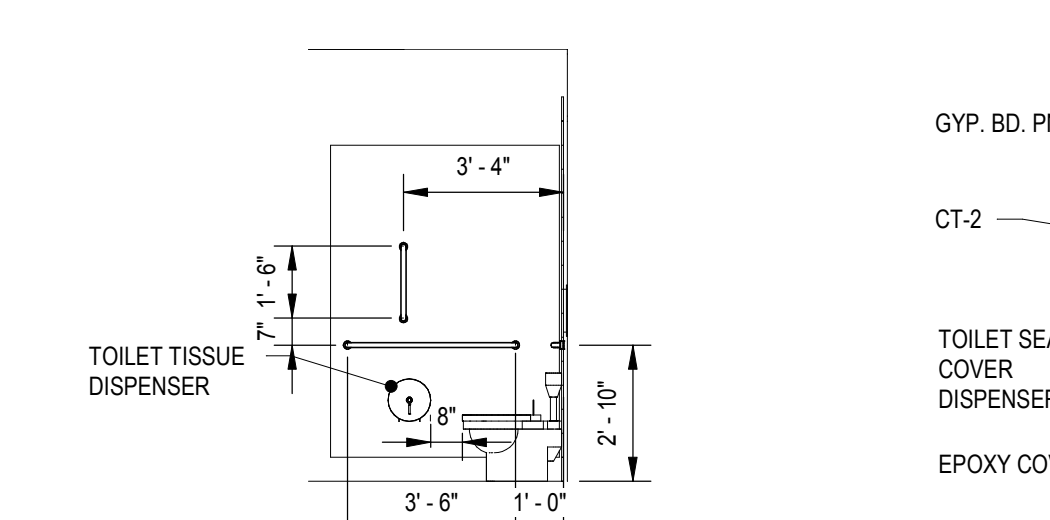
7 SHOWER ROOM-SOUTH INT ELEV 2
A-401 SCALE: 1/4" = 1'-0"



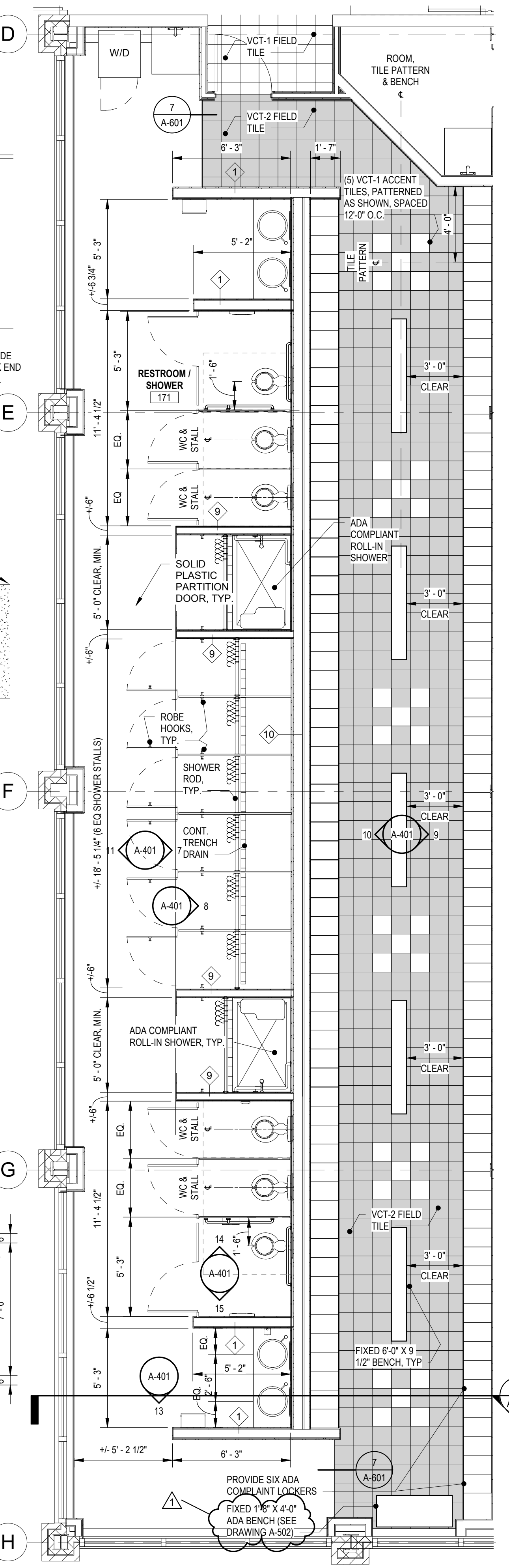
13 ELEVATION AT SINK AREA
A-401 SCALE: 1/4" = 1'-0"



14 TOILET STALL EAST
A-401 SCALE: 1/4" = 1'-0"



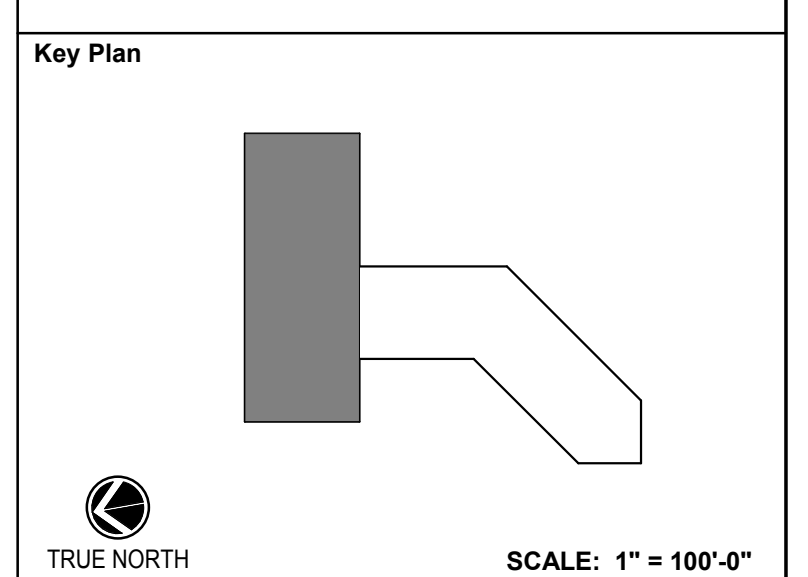
15 TOILET STALL WEST
A-401 SCALE: 1/4" = 1'-0"



12 FIRST FLOOR SHOWER ROOM PLAN
A-401 SCALE: 1/4" = 1'-0"



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DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
SERVICES DIVISION ARE REQUIRED FOR ON-SITE
CONSTRUCTION



TRUE NORTH SCALE: 1" = 100'-0"

Permit Revisions table with columns for No., Revision, and Date.

Project Name: CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

DELTA ENGINEERS, ARCHITECTS, & SURVEYORS
8401 Connecticut Avenue, Suite 350
Chevy Chase, MD 20815
Tel: 301.718.0080
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Email: mail@delta-eas.com
www.delta-eas.com

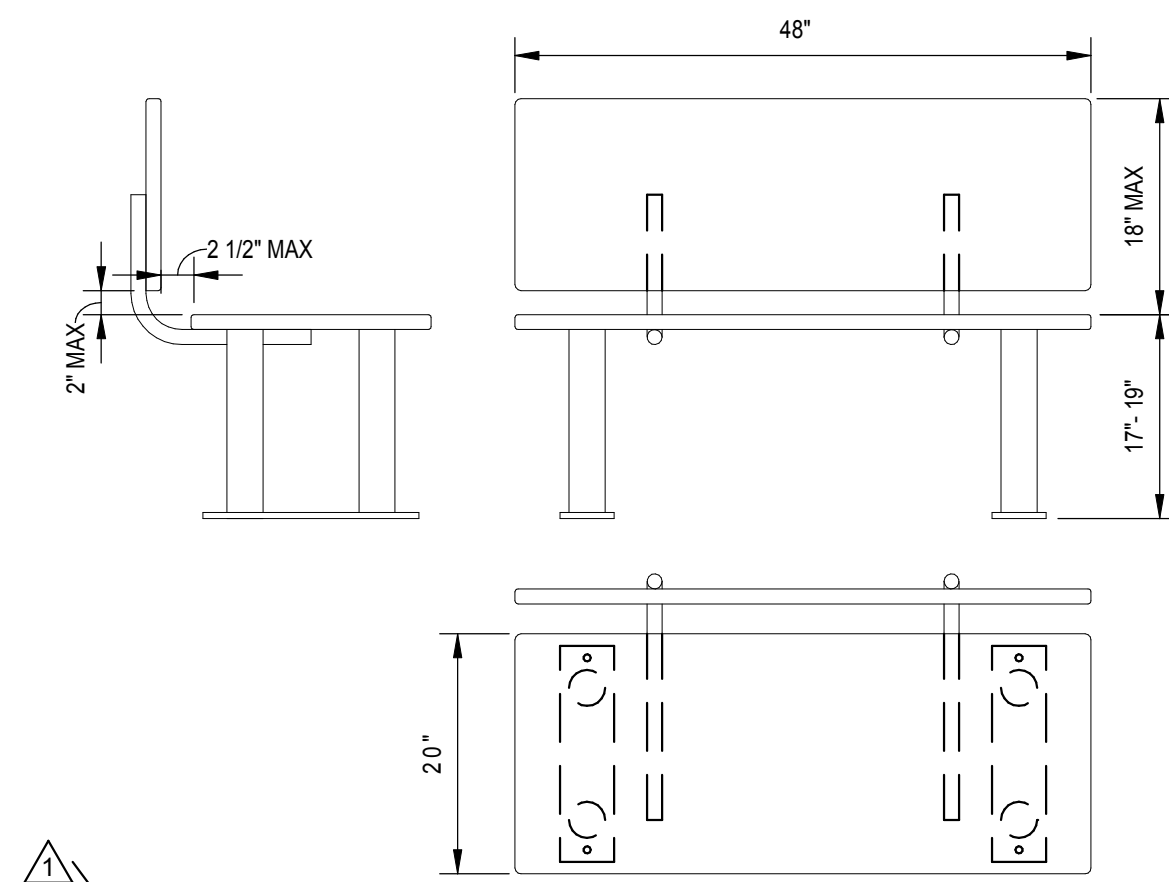
Seal of the State of Maryland
Professional Engineer
Date: 12/23/2021 (PERMIT REVISIONS 04/01/2022)

Drawing Title: LARGE SCALE VIEWS & INTERIOR ELEVATIONS

Drawing No. A-401

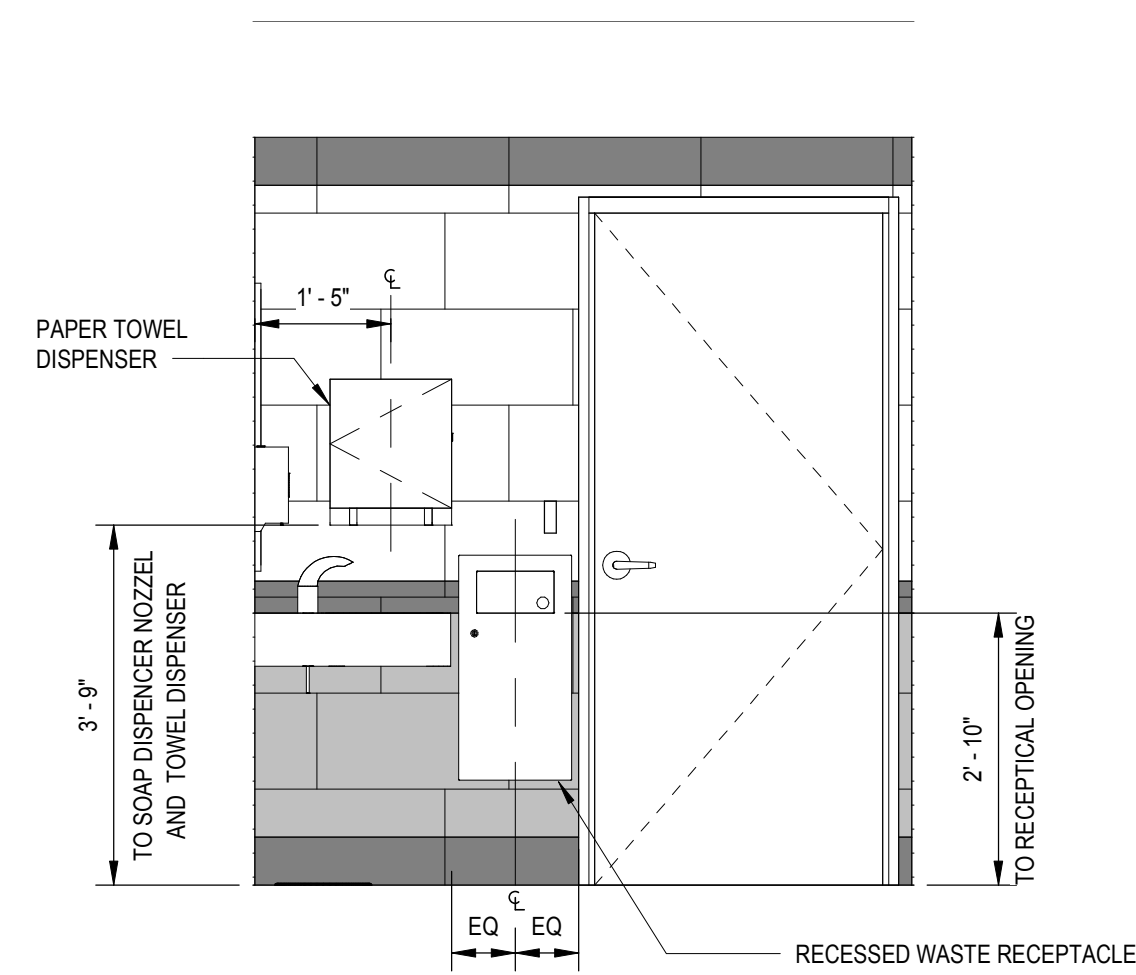
A-401

FIXTURE/EQUIPMENT SCHEDULE		
TYPE	MANUFACTURER	COMMENTS
GRAB BARS	Bobrick Washroom Equipment, Inc.	B-5806. REFER TO INT. ELEV. FOR QTY, LENGTH & ORIENTATION
TISSUE PAPER DISPENSER	Bobrick Washroom Equipment, Inc.	
SANITARY DISPOSAL	Bobrick Washroom Equipment, Inc.	
WALL HUNG MIRROR	Bobrick Washroom Equipment, Inc.	
SOAP DISPENSER	Georgia Pacific Ultra	
WASTE RECEPTICAL	Bobrick Washroom Equipment, Inc.	
BABY CHANGE STATION	Koala Care	KB200-00 CREAM
TOILET SEAT COVER	Bobrick Washroom Equipment, Inc.	
PAPER TOWEL DISPENSER	Georgia Pacific Ultra	



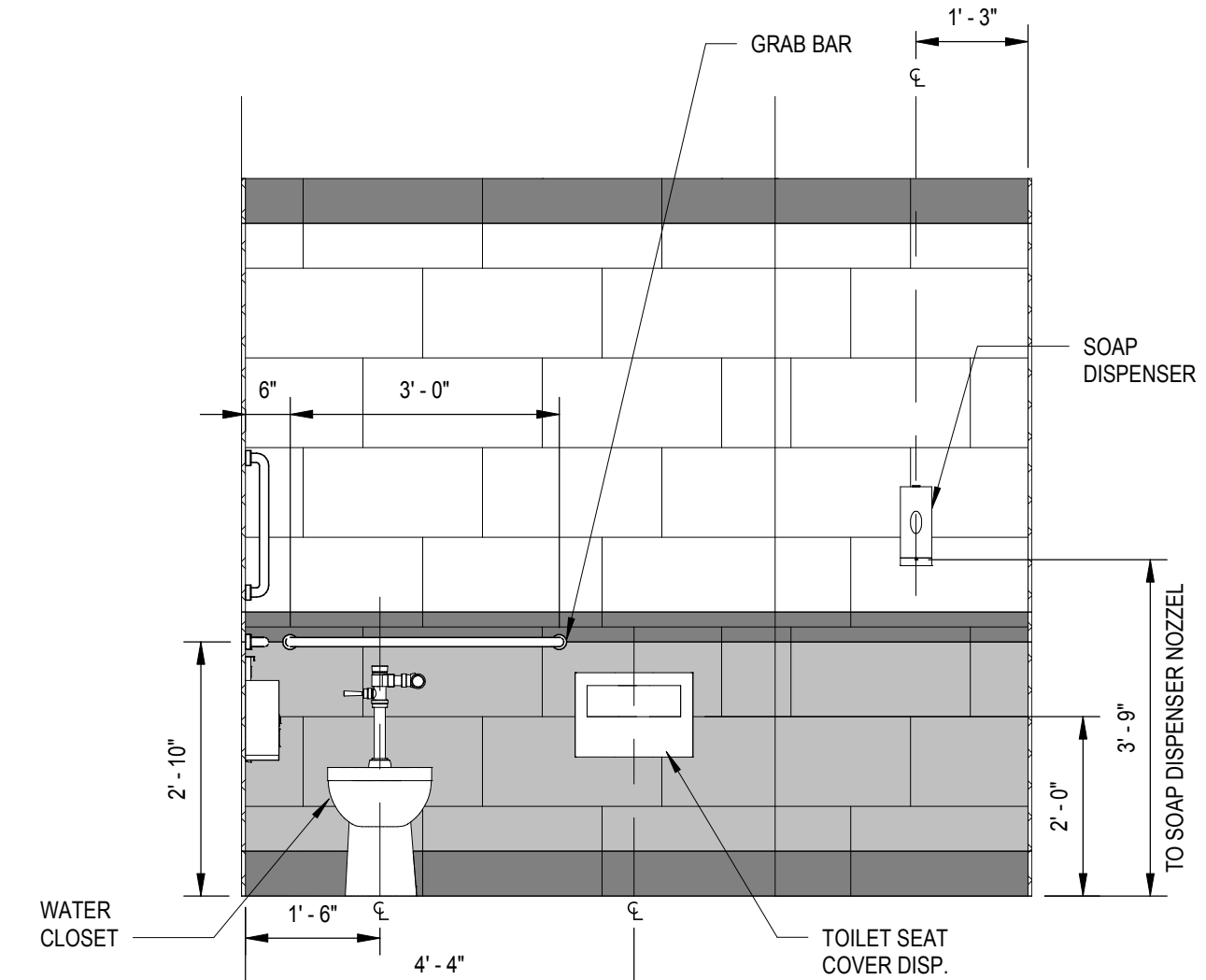
5 ADA BENCH REQUIREMENTS

A-402 SCALE: 3/4" = 1'-0"



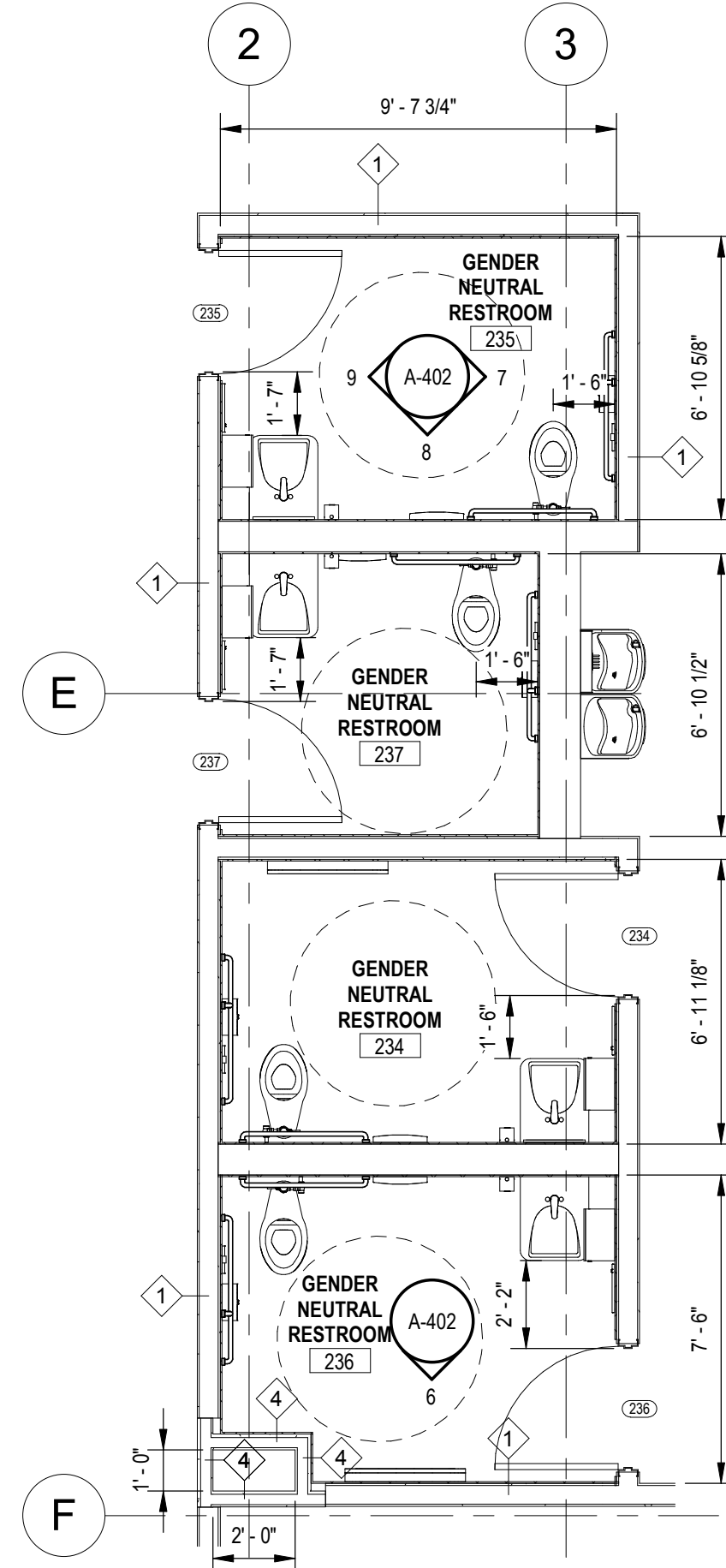
9 2ND FLOOR GENDER NEUTRAL NORTH INT ELEV

A-402 SCALE: 1/2" = 1'-0"



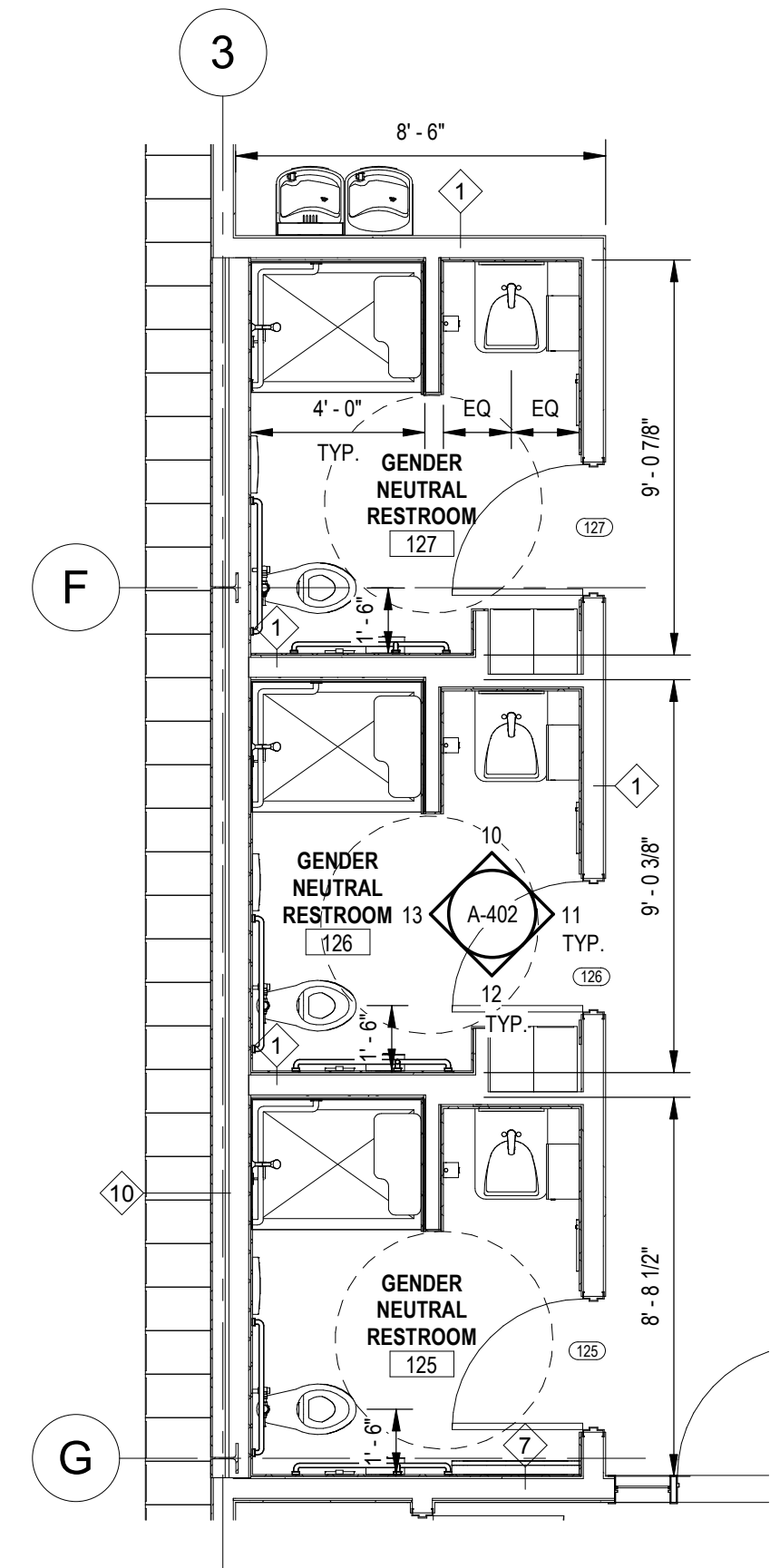
13 GENDER NEUTRAL NORTH INT ELEV

A-402 SCALE: 1/2" = 1'-0"



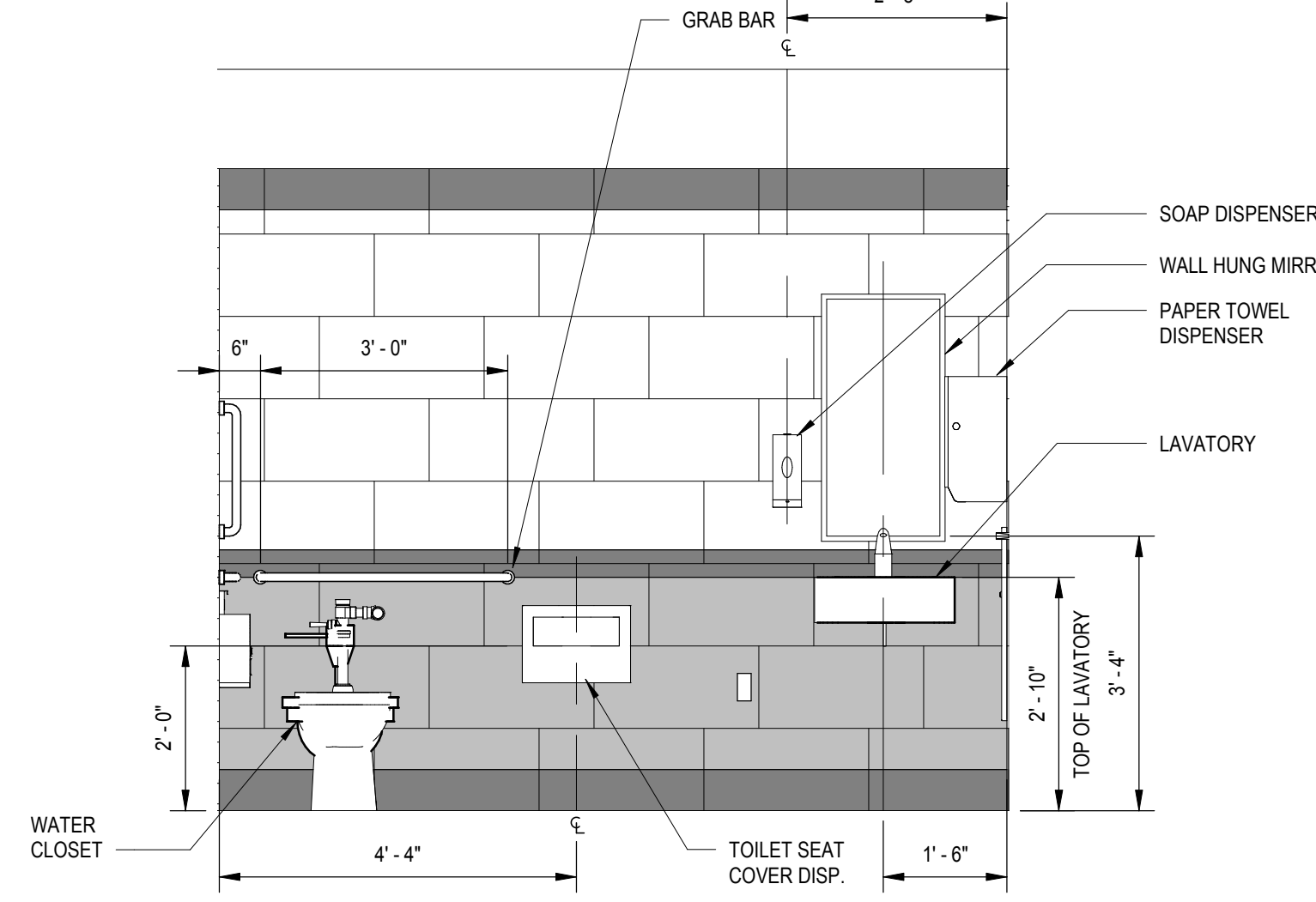
2 SECOND FLOOR GENDER NEUTRAL PLAN

A-402 SCALE: 1/4" = 1'-0"



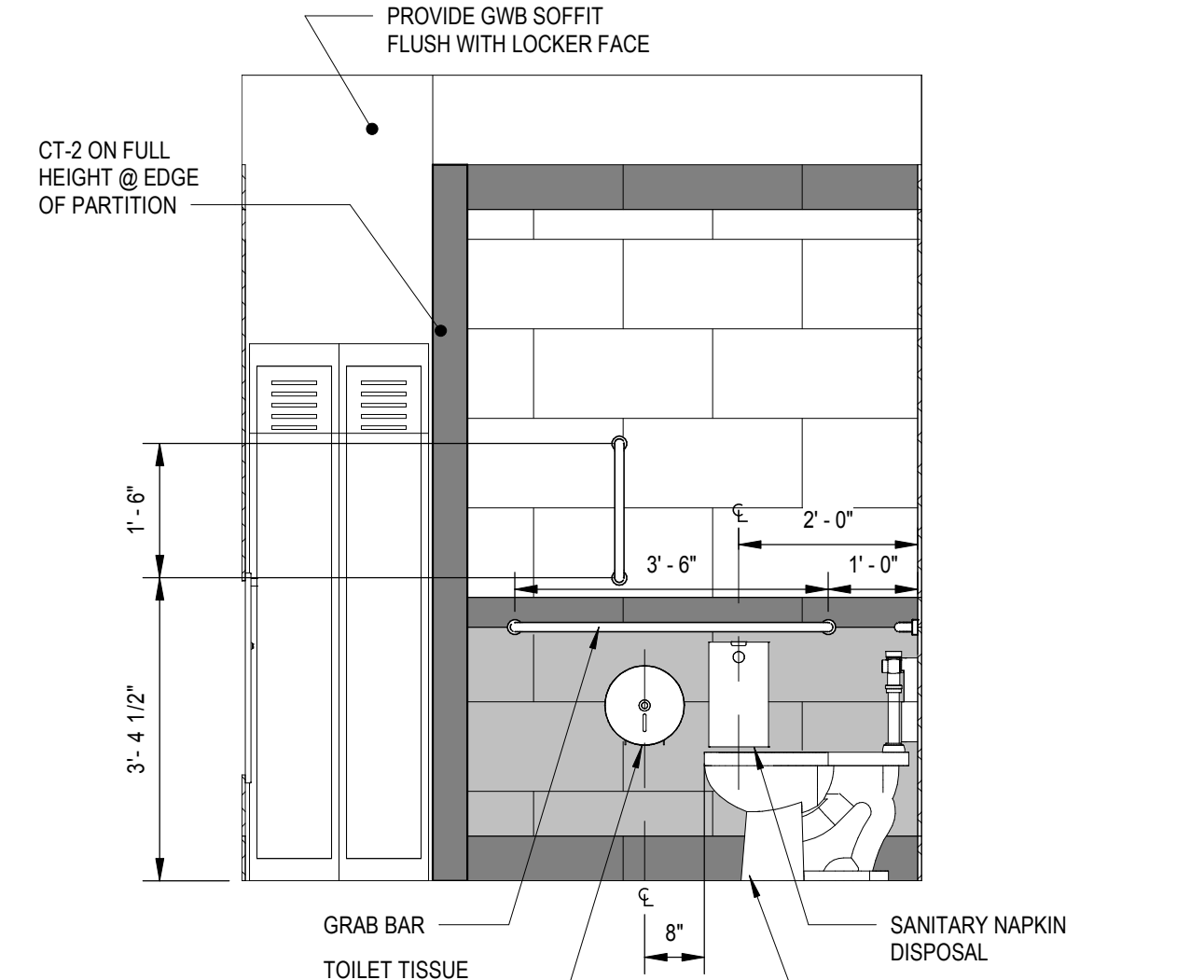
4 FIRST FLOOR GN RESTROOM PLAN

A-402 SCALE: 1/4" = 1'-0"



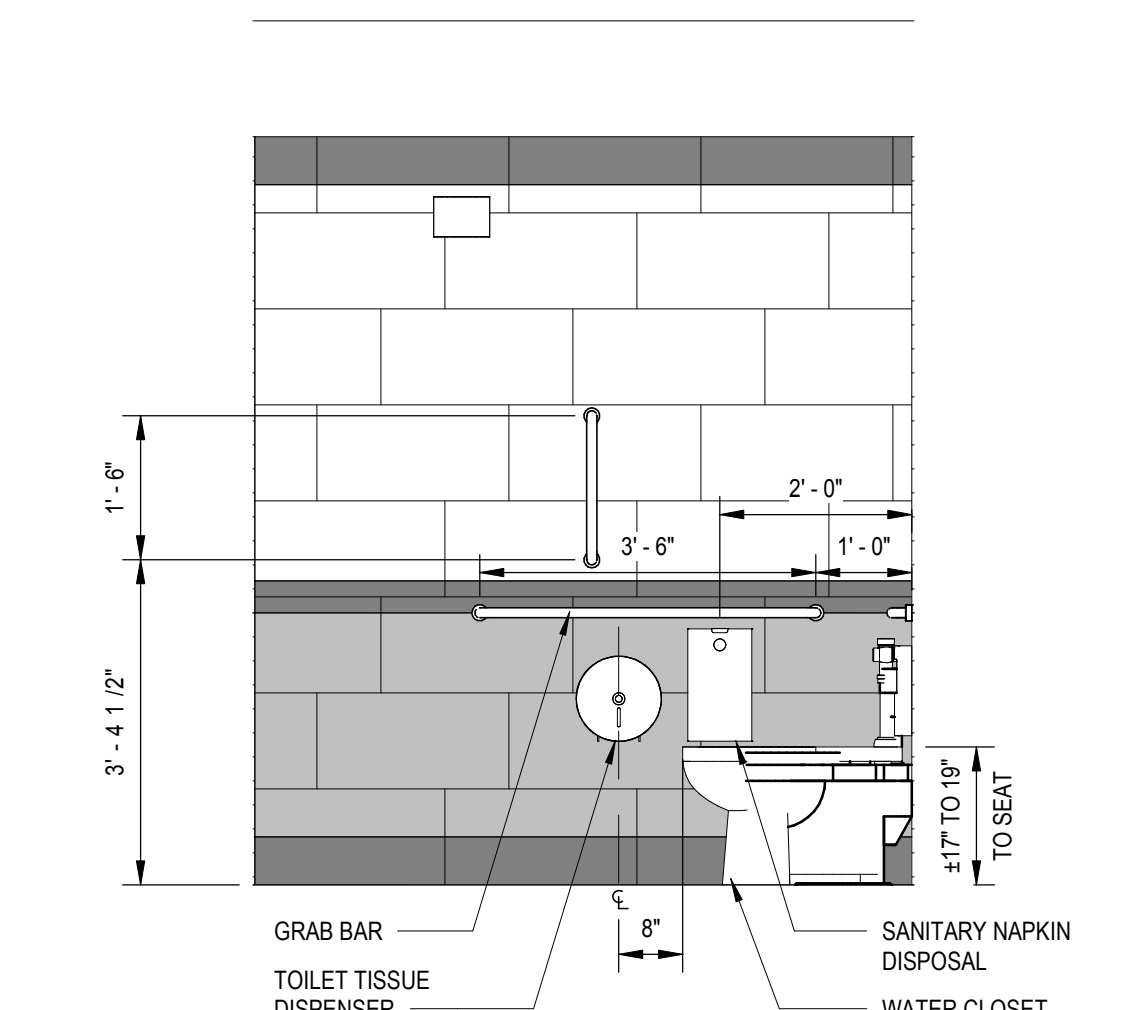
8 2ND FLOOR GENDER NEUTRAL WEST INT ELEV

A-402 SCALE: 1/2" = 1'-0"



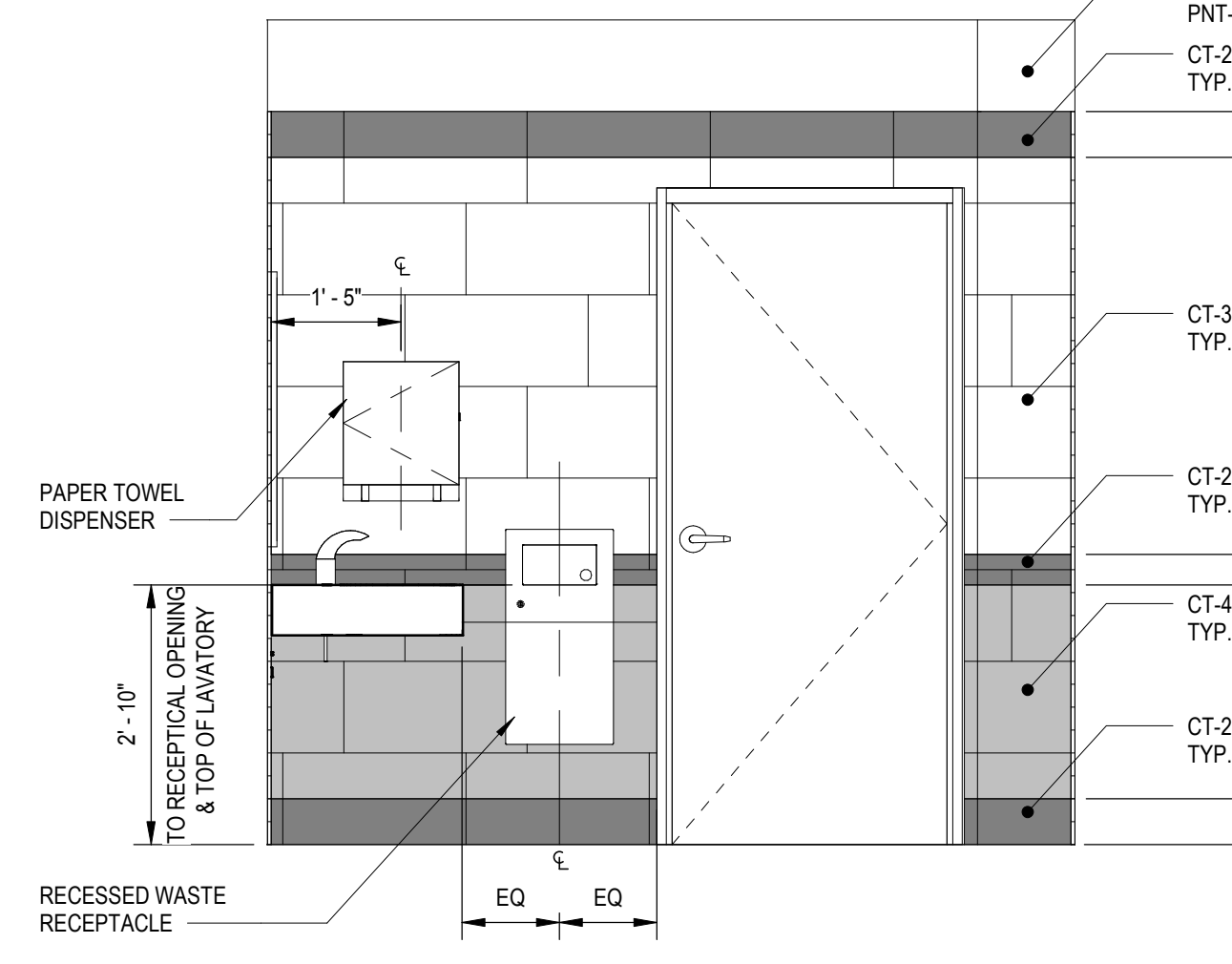
12 GENDER NEUTRAL WEST INT ELEV

A-402 SCALE: 1/2" = 1'-0"



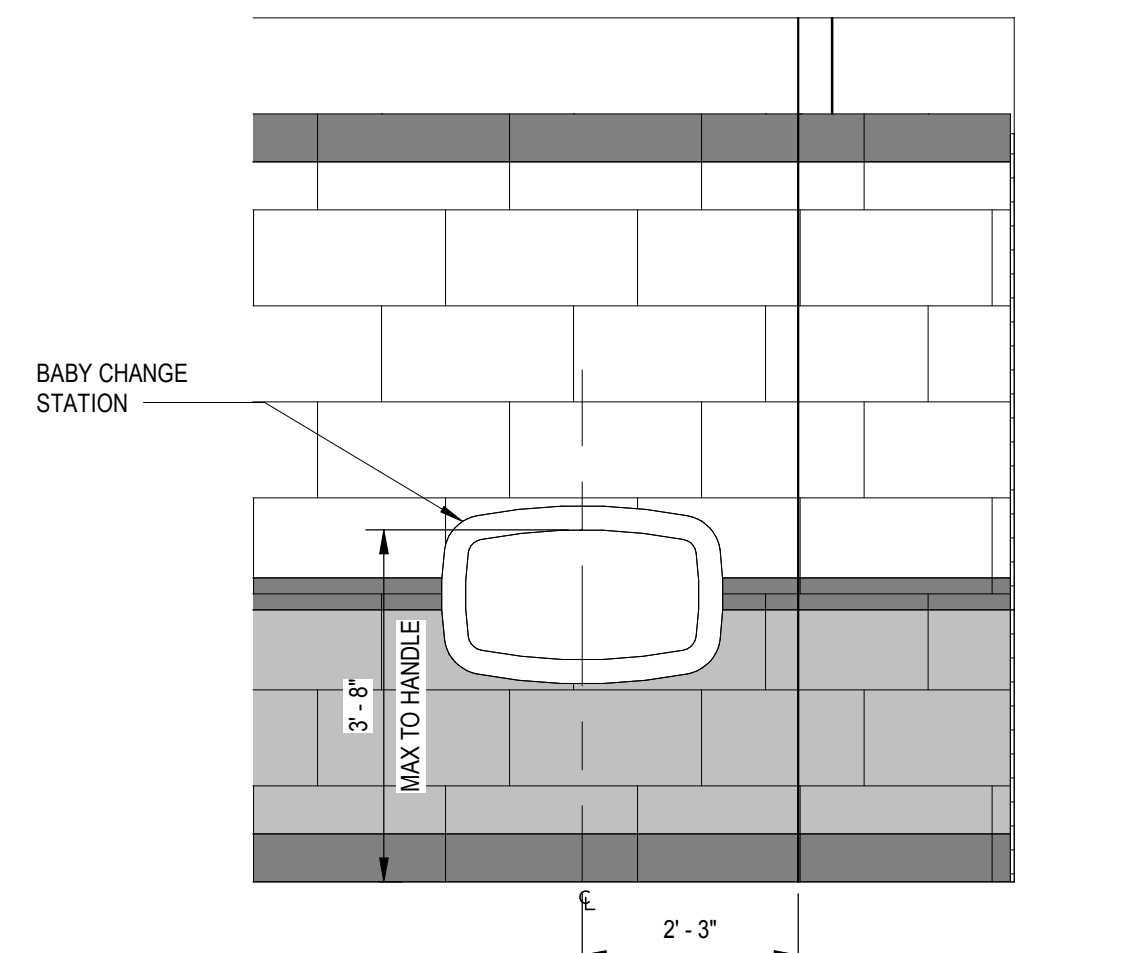
7 2ND FLOOR GENDER NEUTRAL SOUTH INT ELEV

A-402 SCALE: 1/2" = 1'-0"



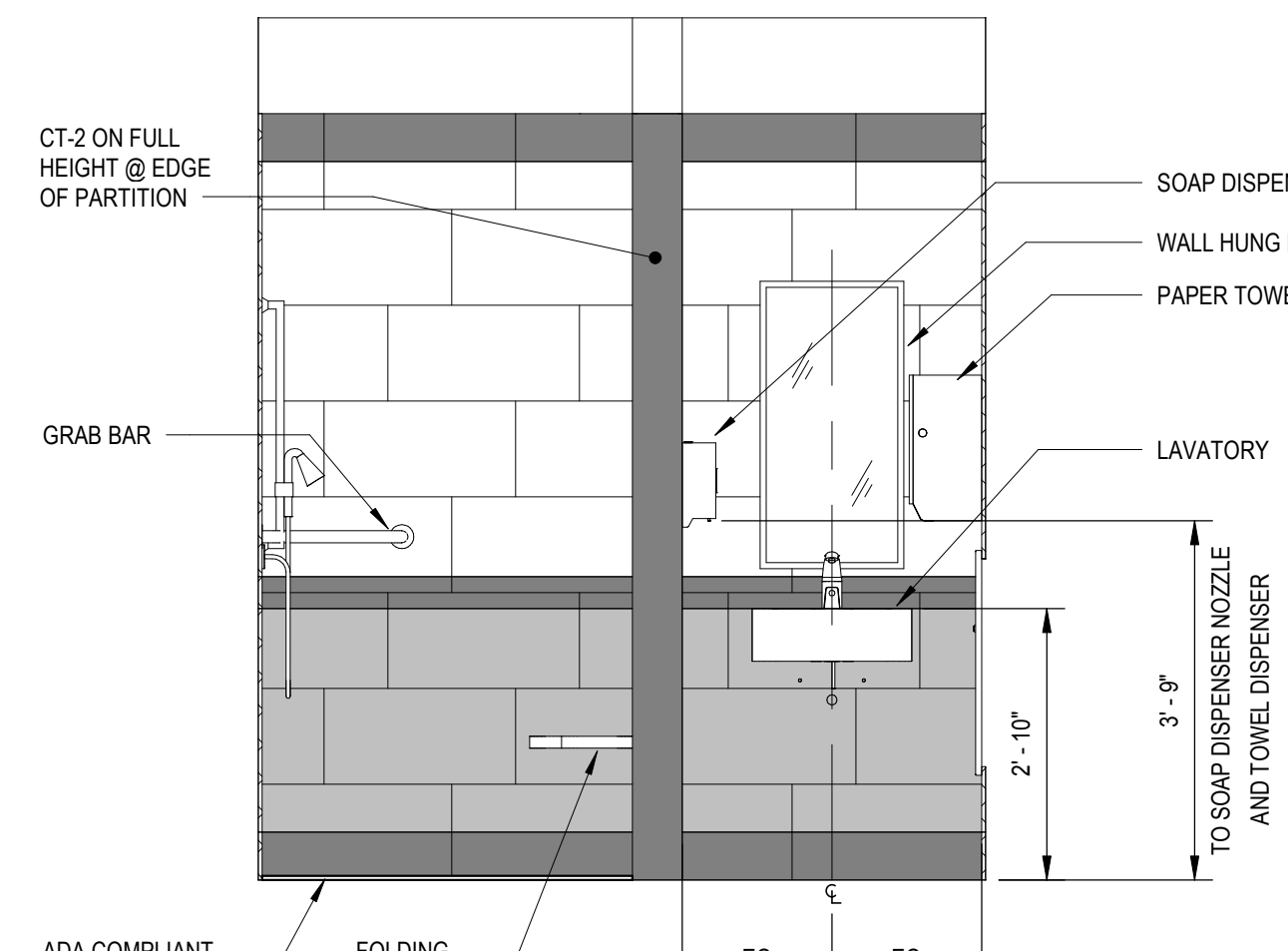
11 GENDER NEUTRAL SOUTH INT ELEV

A-402 SCALE: 1/2" = 1'-0"



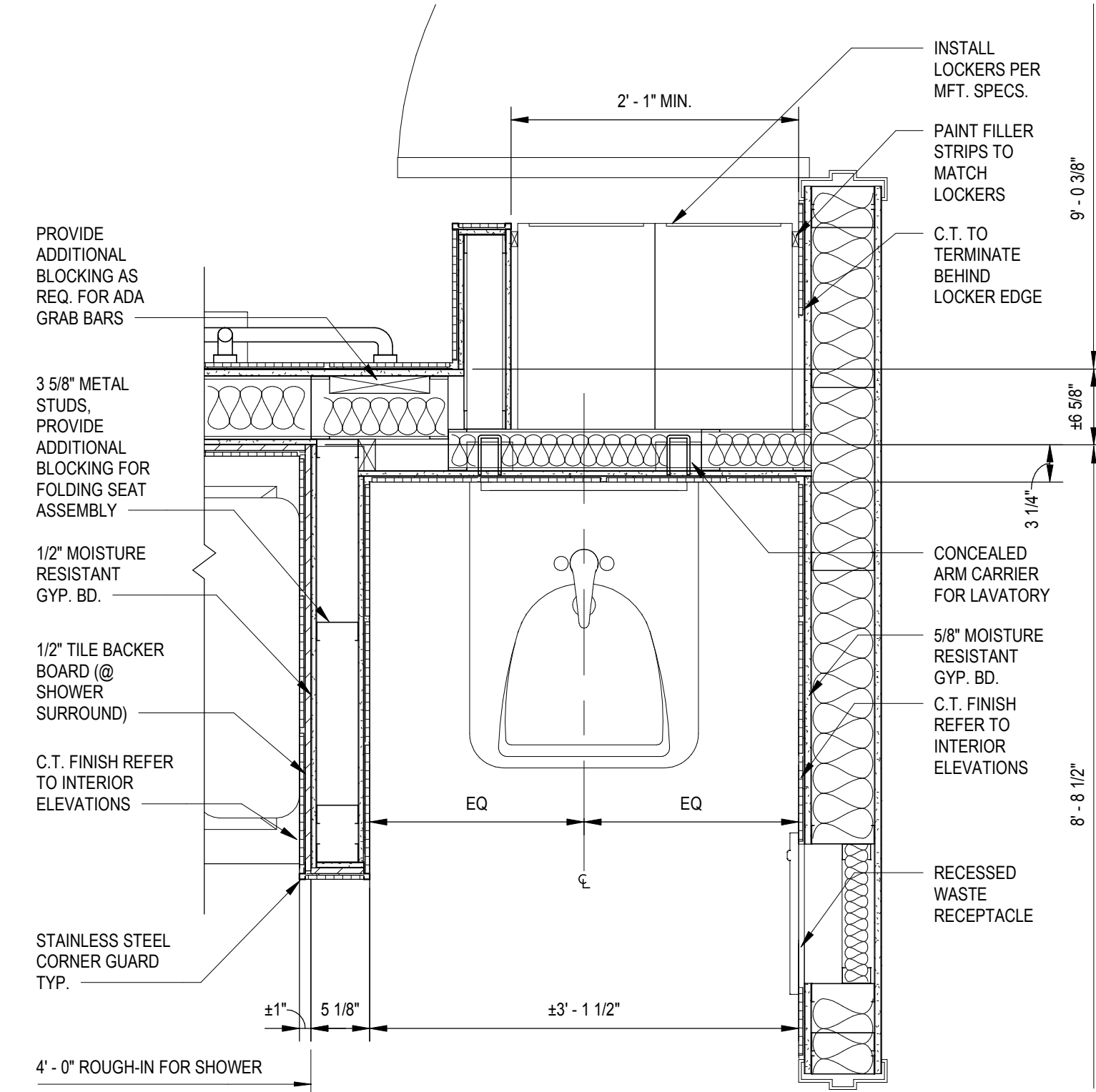
6 GENDER NEUTRAL REST BABY CHANGER TYP.

A-402 SCALE: 1/2" = 1'-0"



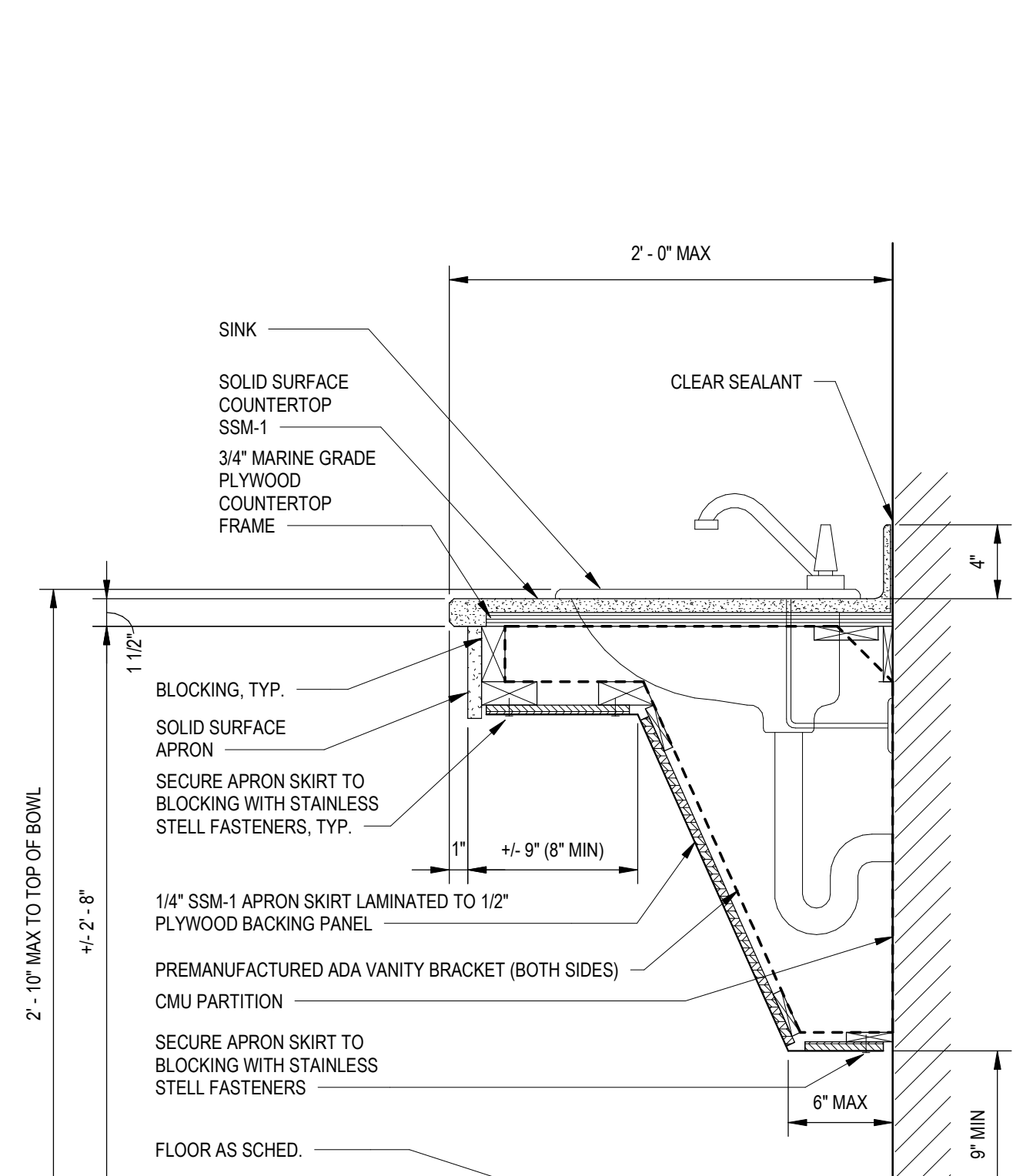
10 GENDER NEUTRAL EAST INT ELEV

A-402 SCALE: 1/2" = 1'-0"



1 WALL INTERSECTION @ LOCKERS

A-402 SCALE: 1" = 1'-0"



3 SECTION DETAIL- ADA SINK COUNTER

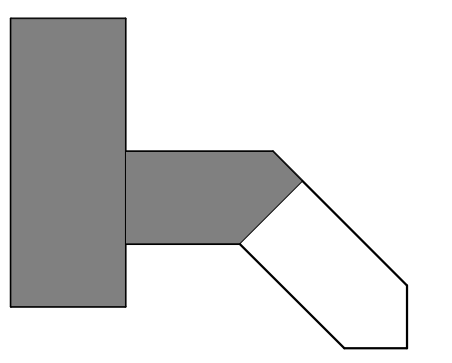
A-402 SCALE: 1 1/2" = 1'-0"



APPROVED BY CITY OF ROCKVILLE, MD

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Key Plan



TRUE NORTH

SCALE: 1" = 100'-0"

No.	Permit Revisions	2022-04-01
	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

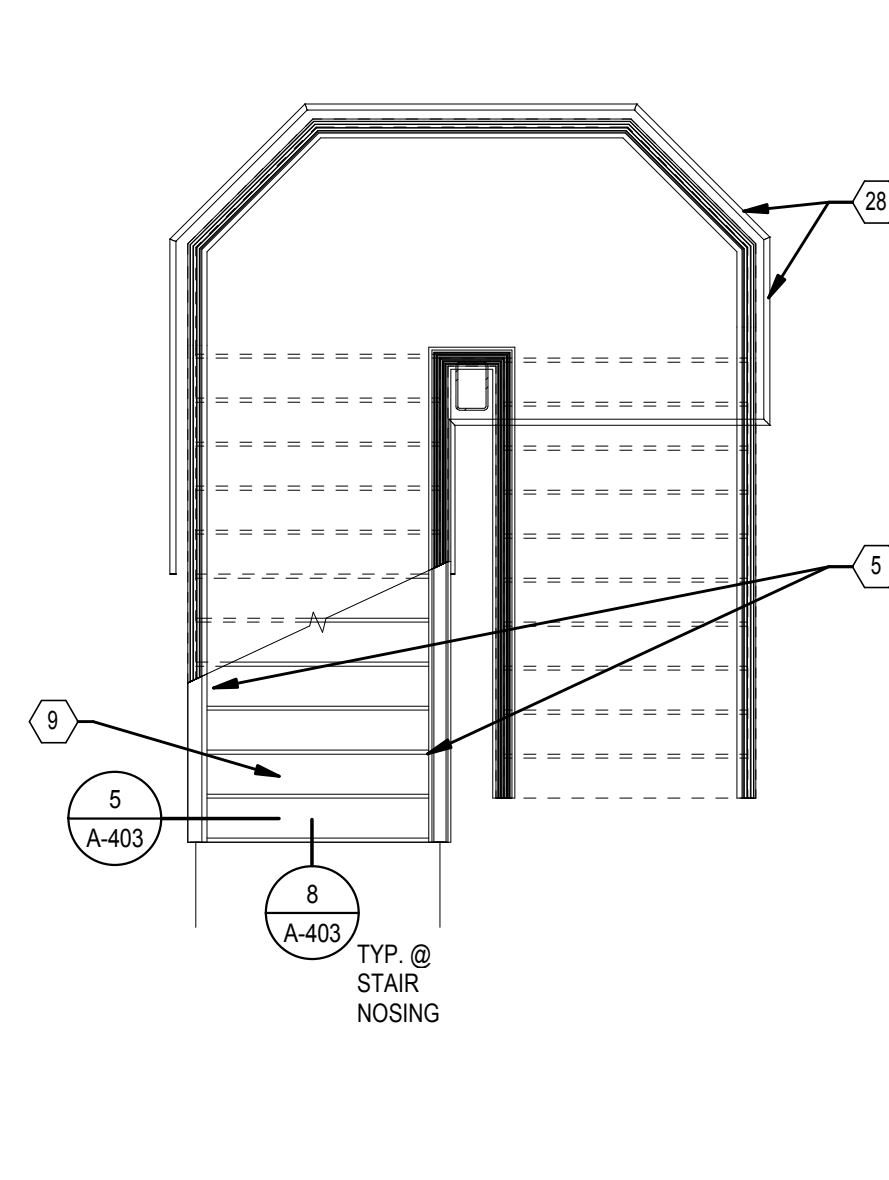
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Seal of the State of Maryland
Phase
IFB #08-22
Project No.
2019.331.004
Date
12/23/2021 (PERMIT REVISIONS)
04/01/2022

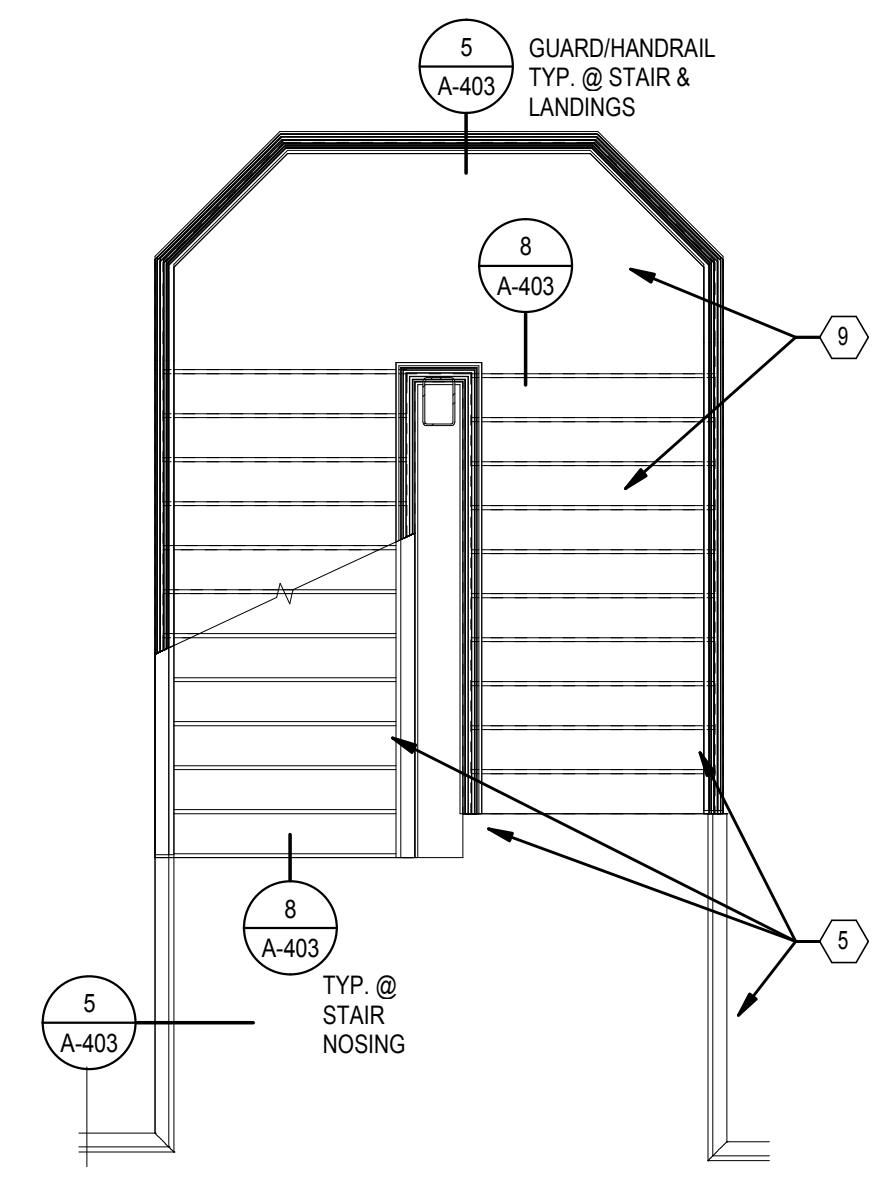
Drawing Title
LARGE SCALE VIEWS & INTERIOR ELEVATIONS

Drawing No.

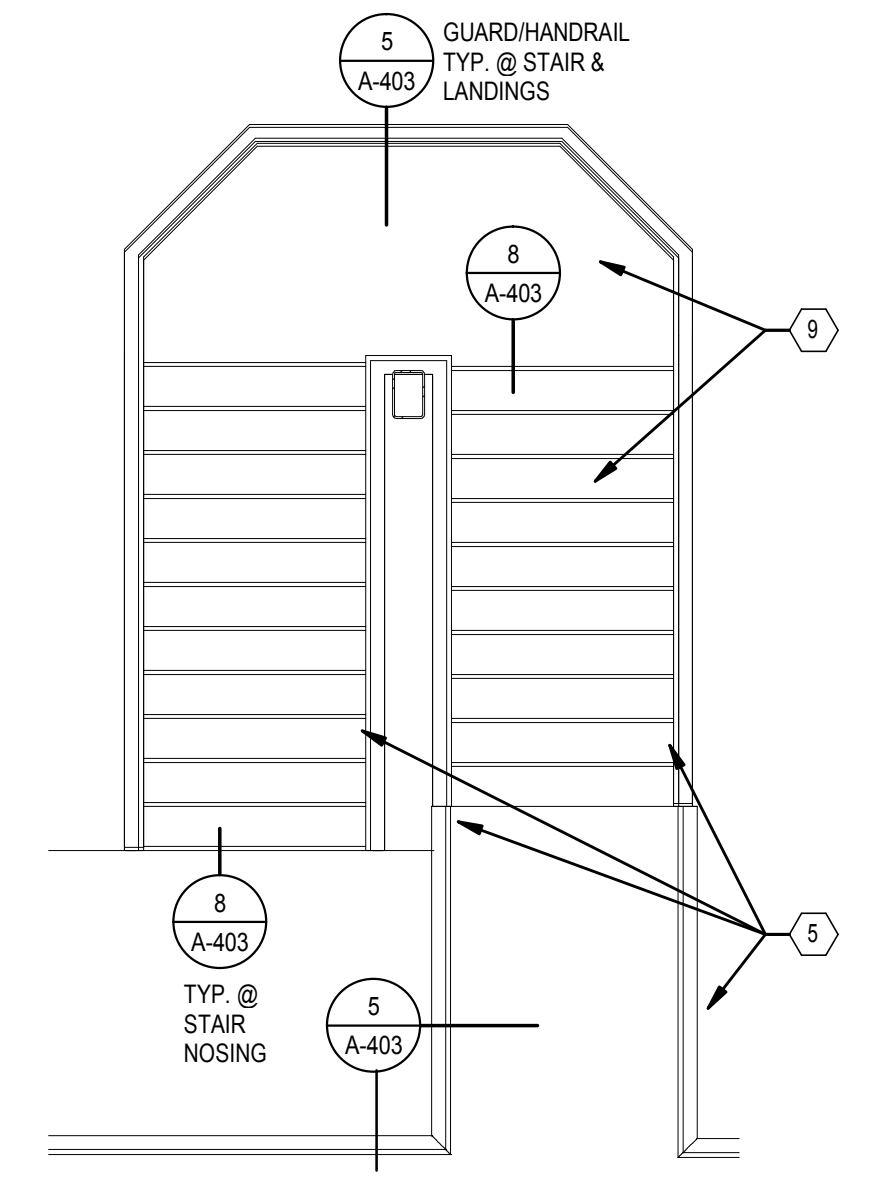
A-402



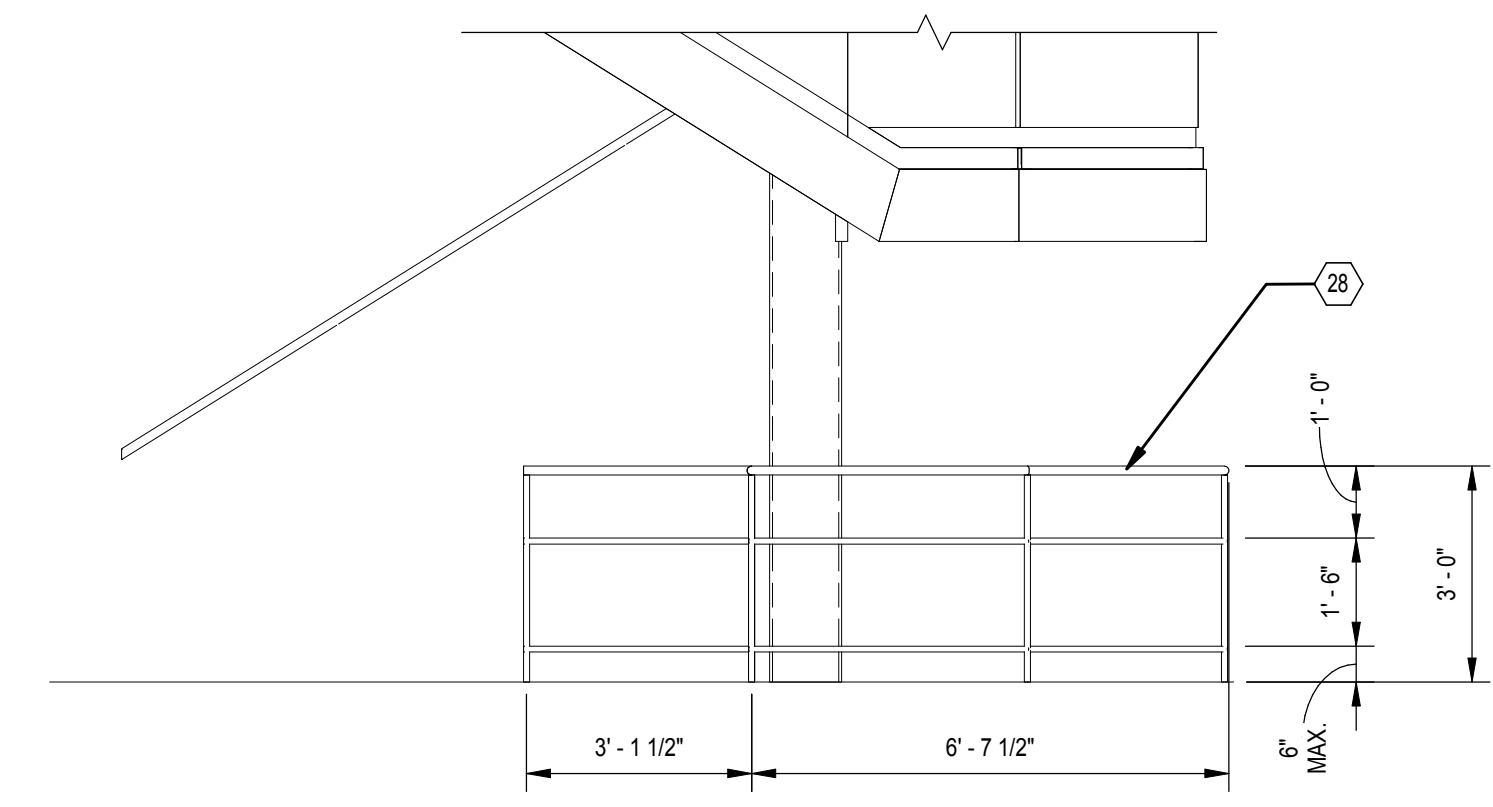
1 FIRST FLOOR ATRIUM STAIR PLAN
A-403 SCALE: 1/4" = 1'-0"



2 SECOND FLOOR ATRIUM STAIR PLAN
A-403 SCALE: 1/4" = 1'-0"

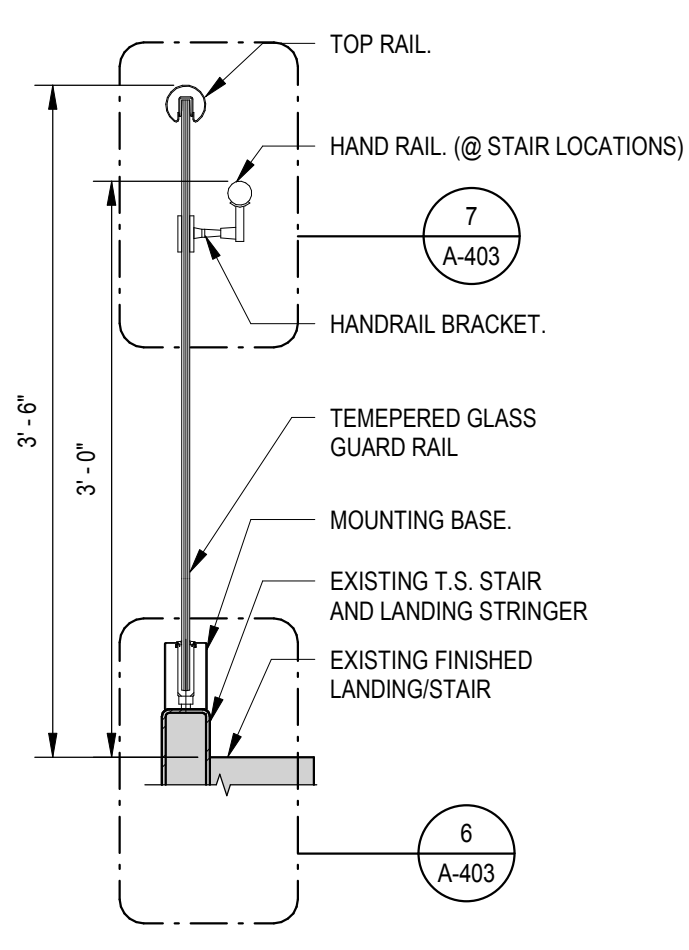


3 THIRD FLOOR ATRIUM STAIR PLAN
A-403 SCALE: 1/4" = 1'-0"

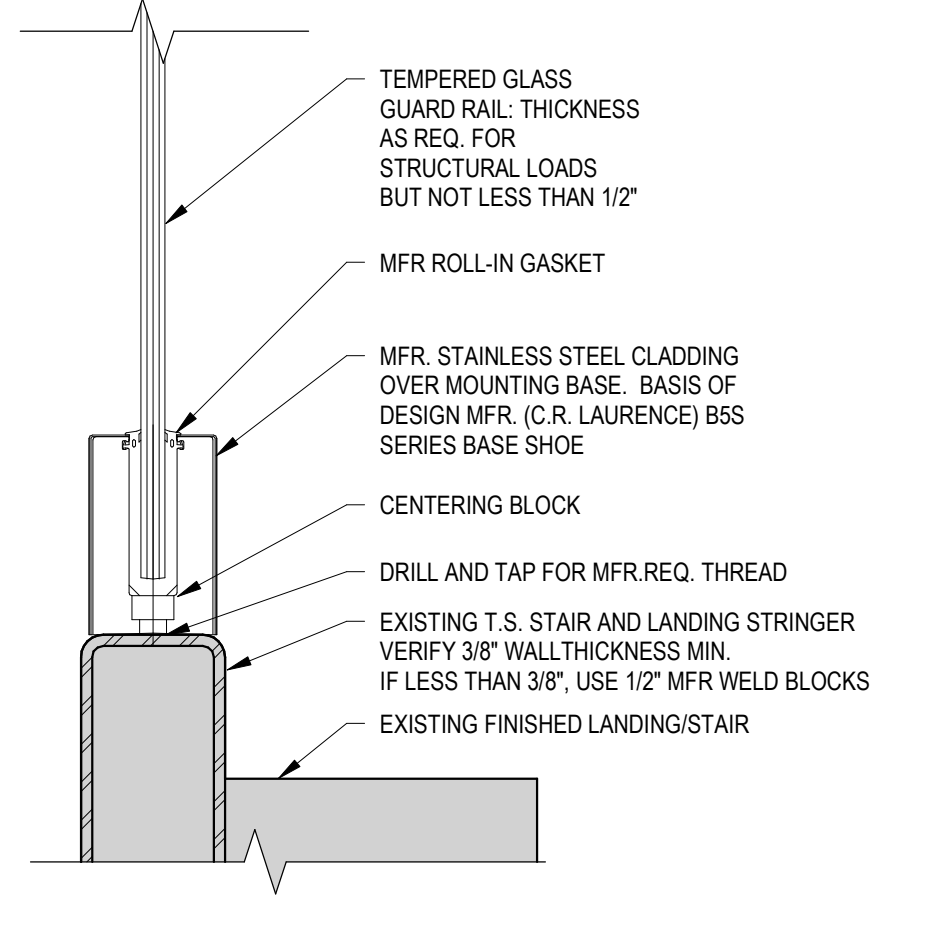


4 SAFETY RAIL ELEVATION
A-403 SCALE: 3/8" = 1'-0"

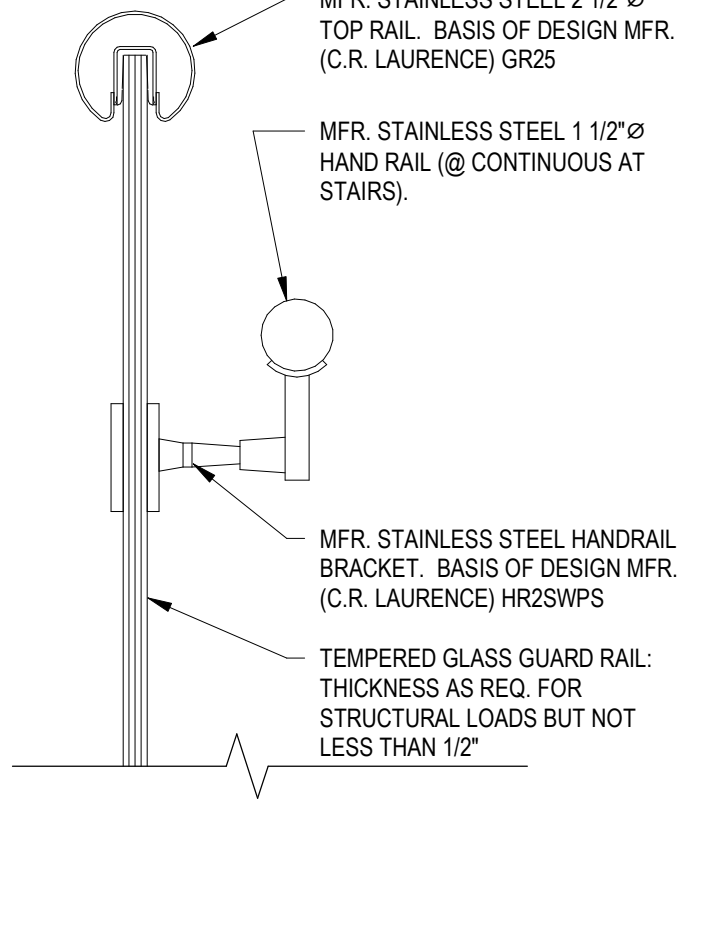
#	A-402 RENOVATION KEY NOTES
5	PROVIDE GLASS RAILING SYSTEM
9	PROVIDE NEW CERAMIC TILE AND SLIP RESISTANT STAIR NOSING AT TREADS, AND LANDINGS.
28	PROVIDE STAINLESS STEEL SAFETY RAILING AROUND BASE OF STAIR SYSTEM



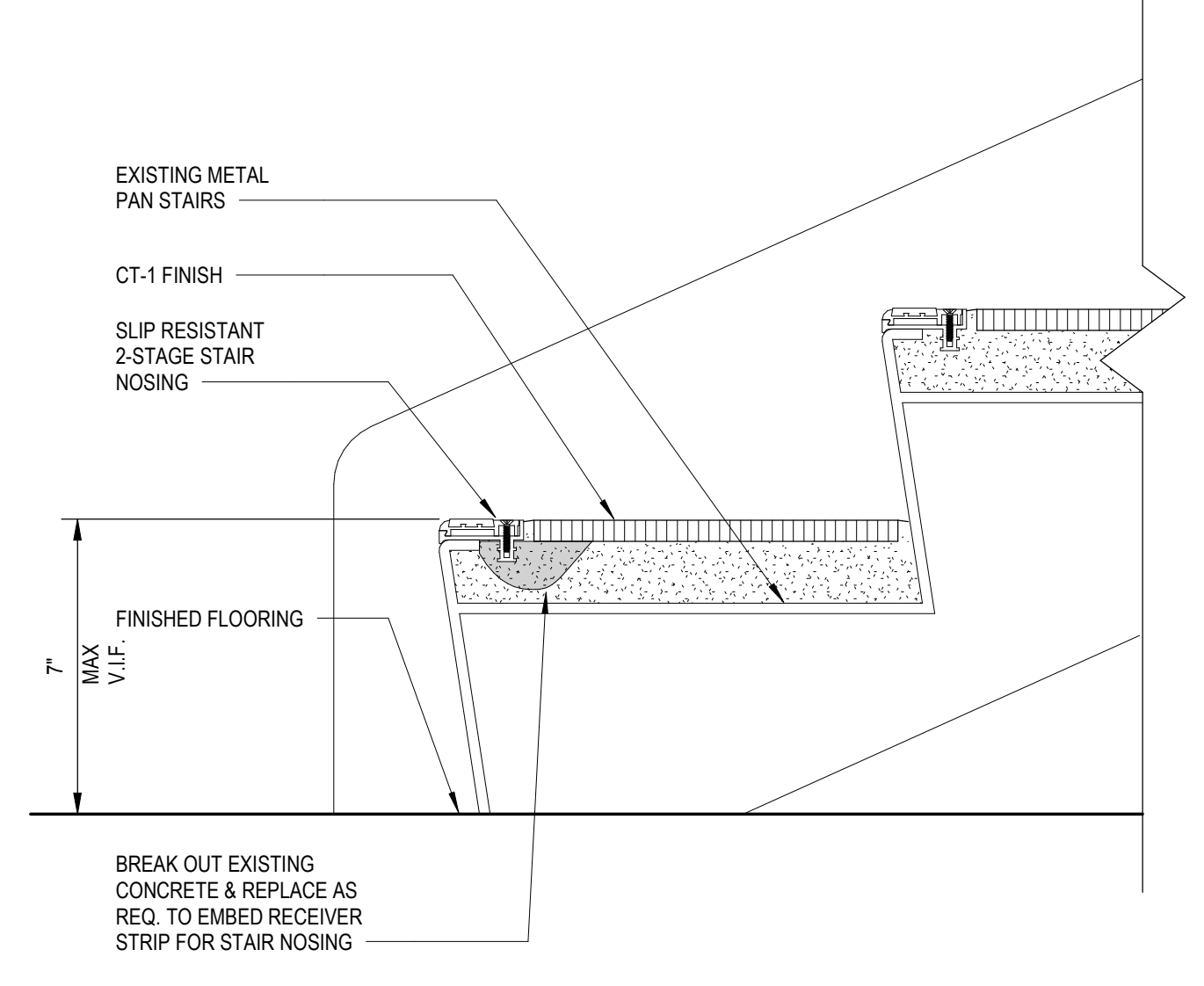
5 STAIR/LANDING RAILING SECTION
A-403 SCALE: 1" = 1'-0"



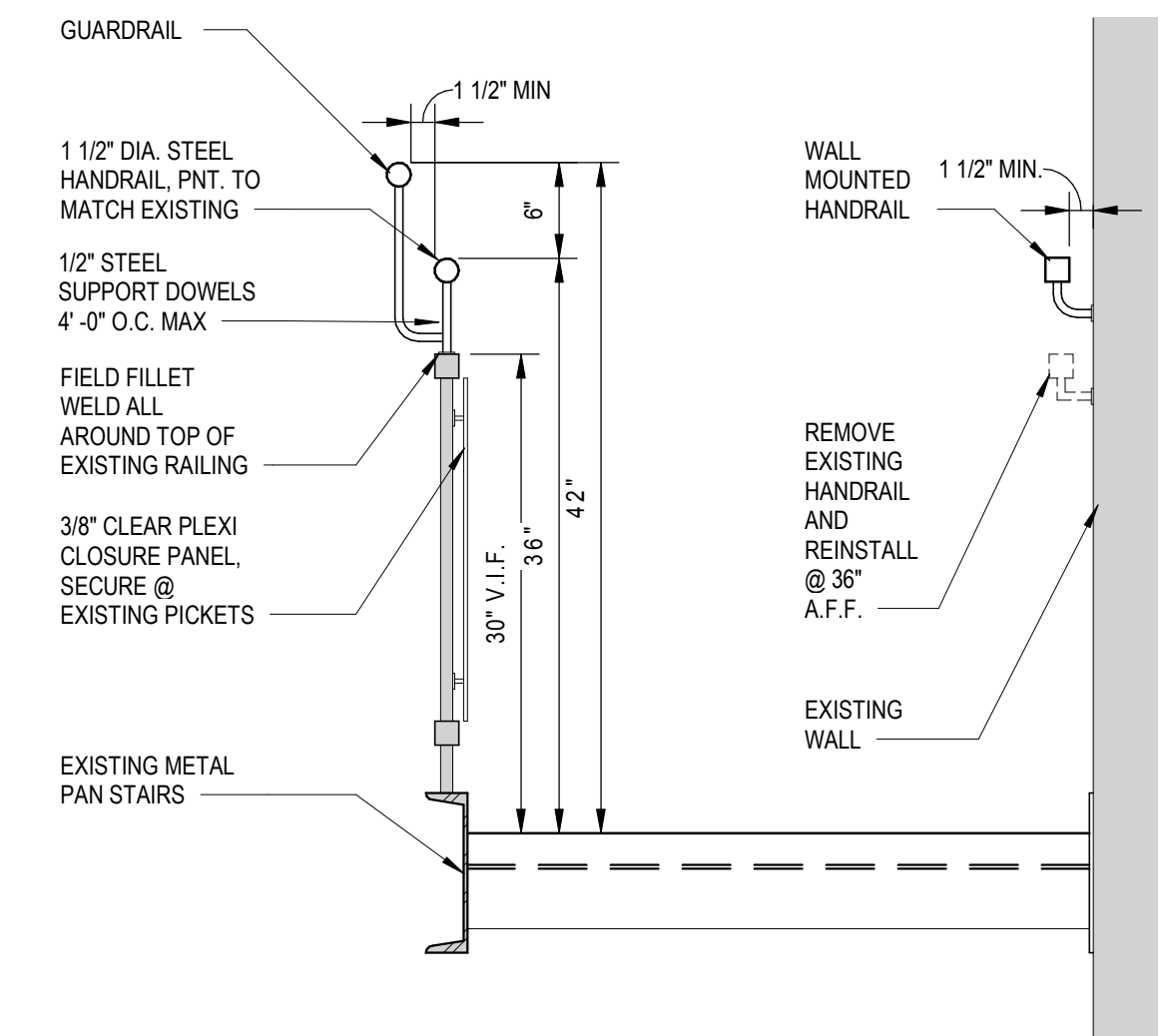
6 STAIR/LANDING RAILING BASE DETAIL
A-403 SCALE: 3/4" = 1'-0"



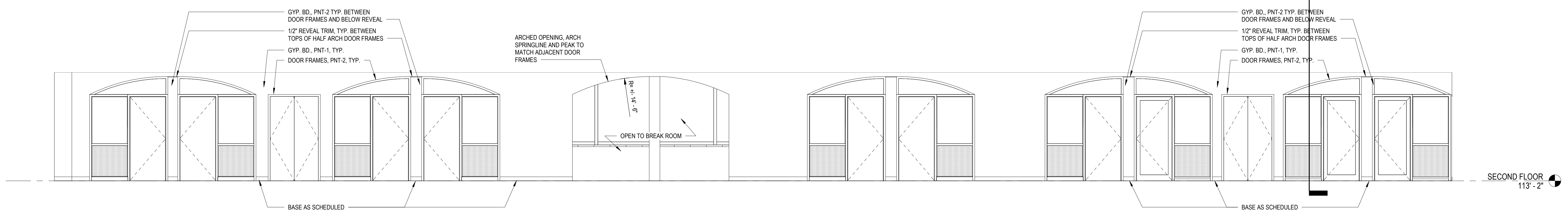
7 STAIR/LANDING RAILING CAP DETAIL
A-403 SCALE: 3/4" = 1'-0"



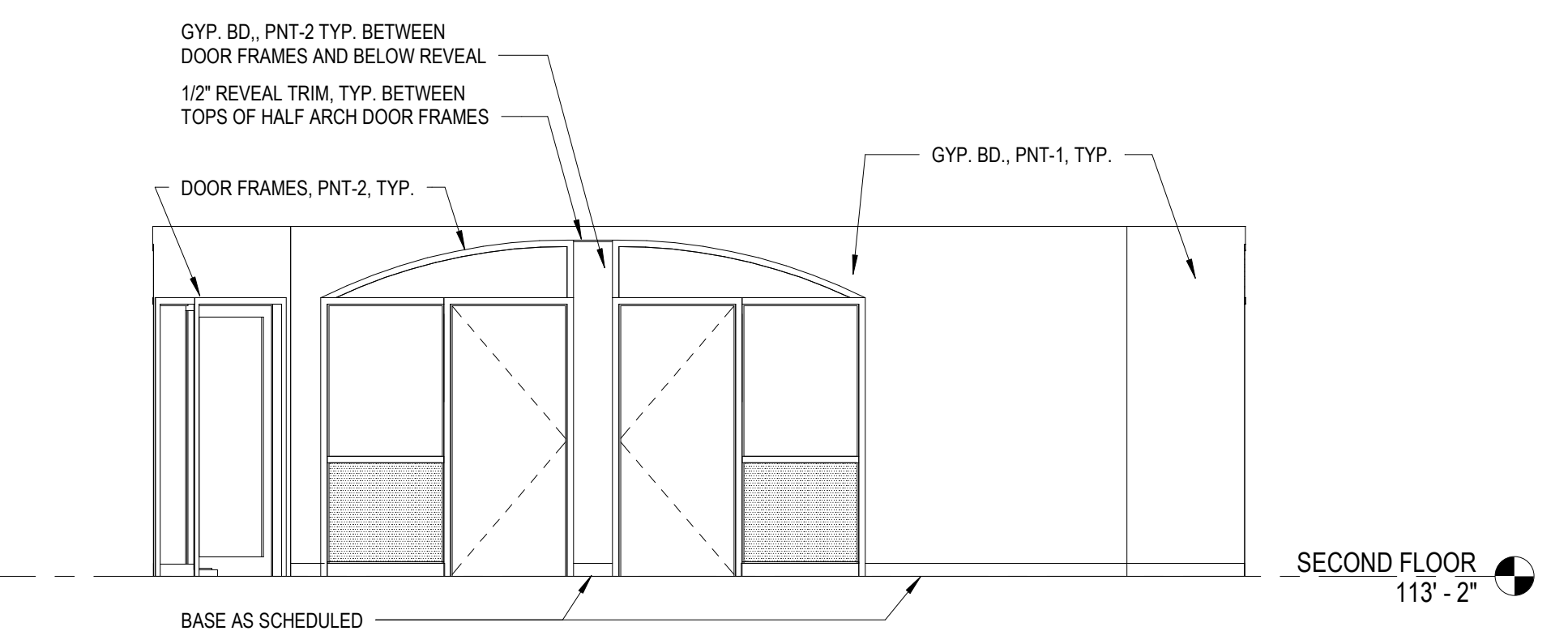
8 SECTION DETAILS NON SLIP STAIRS
A-403 SCALE: 3/4" = 1'-0"



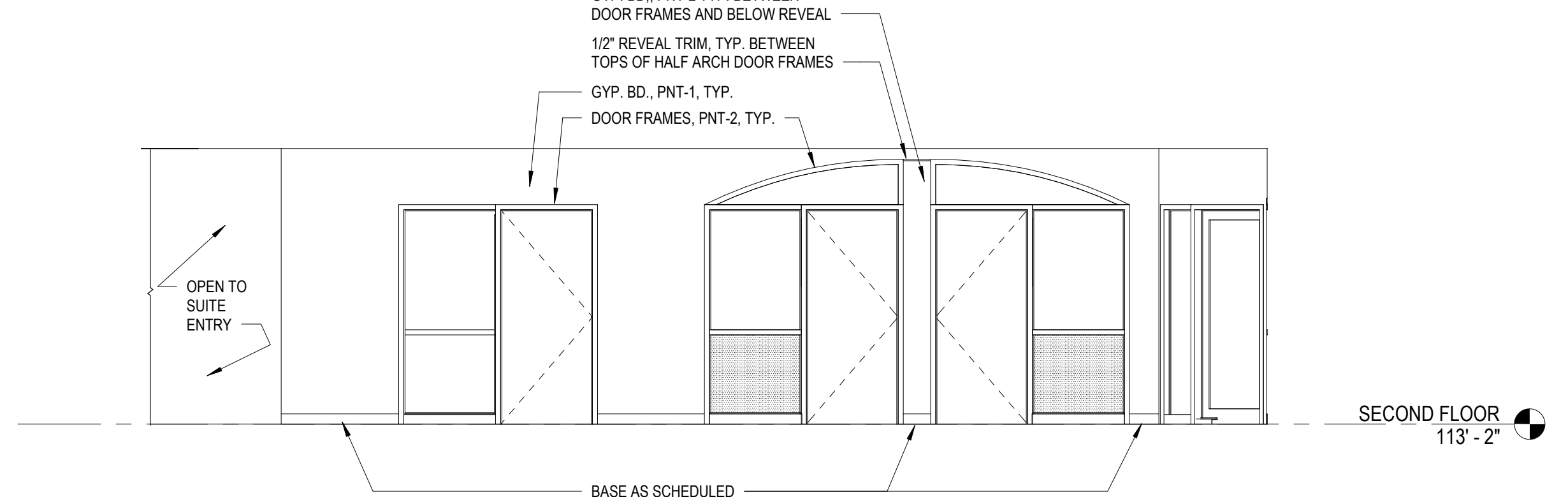
9 SECTION DETAILS STAIR HANDRAIL
A-403 SCALE: 1" = 1'-0"



10 SECOND FLOOR CORRIDOR
A-403 SCALE: 1/4" = 1'-0"



11 SECOND FLOOR REC. & PARKS CORRIDOR 1
A-403 SCALE: 1/4" = 1'-0"



12 SECOND FLOOR REC. & PARKS CORRIDOR 2
A-403 SCALE: 1/4" = 1'-0"



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DIRECTOR OF PUBLIC WORKS DATE
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CONSTRUCTION

Key Plan

No.	Revision	Date
Project Name CITY OF ROCKVILLE 6 TAFT COURT RENOVATION PHASE 1		
ROCKVILLE MARYLAND		

DELTA
ENGINEERS, ARCHITECTS, & SURVEYORS

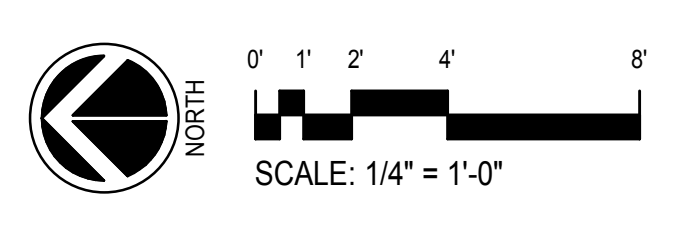
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Chevy Chase, MD 20815
Tel: 301.718.0080
Fax: 301.718.9520
Email: mail@delta-eas.com
www.delta-eas.com

Seal of the State of Maryland, Professional Engineer, License No. 1389, Exp. 07/01/2022

Phase: IFB #08-22
Project No.: 2019.331.004
Date: 12/23/2021 (PERMIT REVISIONS)
04/01/2022

Drawing Title
INTERIOR ELEVATIONS & STAIR DETAILS

Drawing No.



A-403



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DIRECTOR OF PUBLIC WORKS DATE
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CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1

ROCKVILLE MARYLAND

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Seal Phase

IFB #08-22

Project No.

2019.331.004

Date

12/23/2021 (PERMIT REVISIONS)

Revisions

04/01/2022

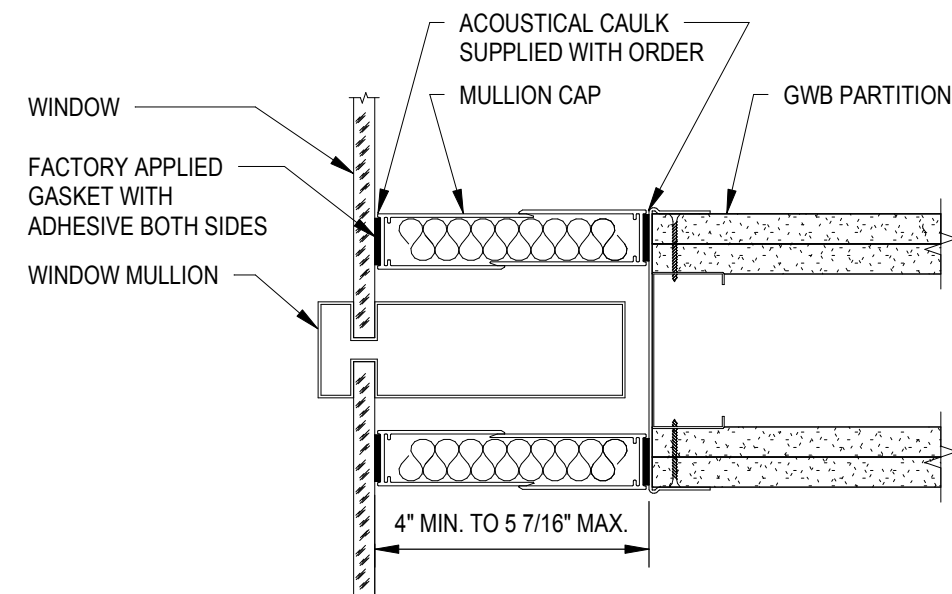
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WINDOW & EXT WALL DETAILS

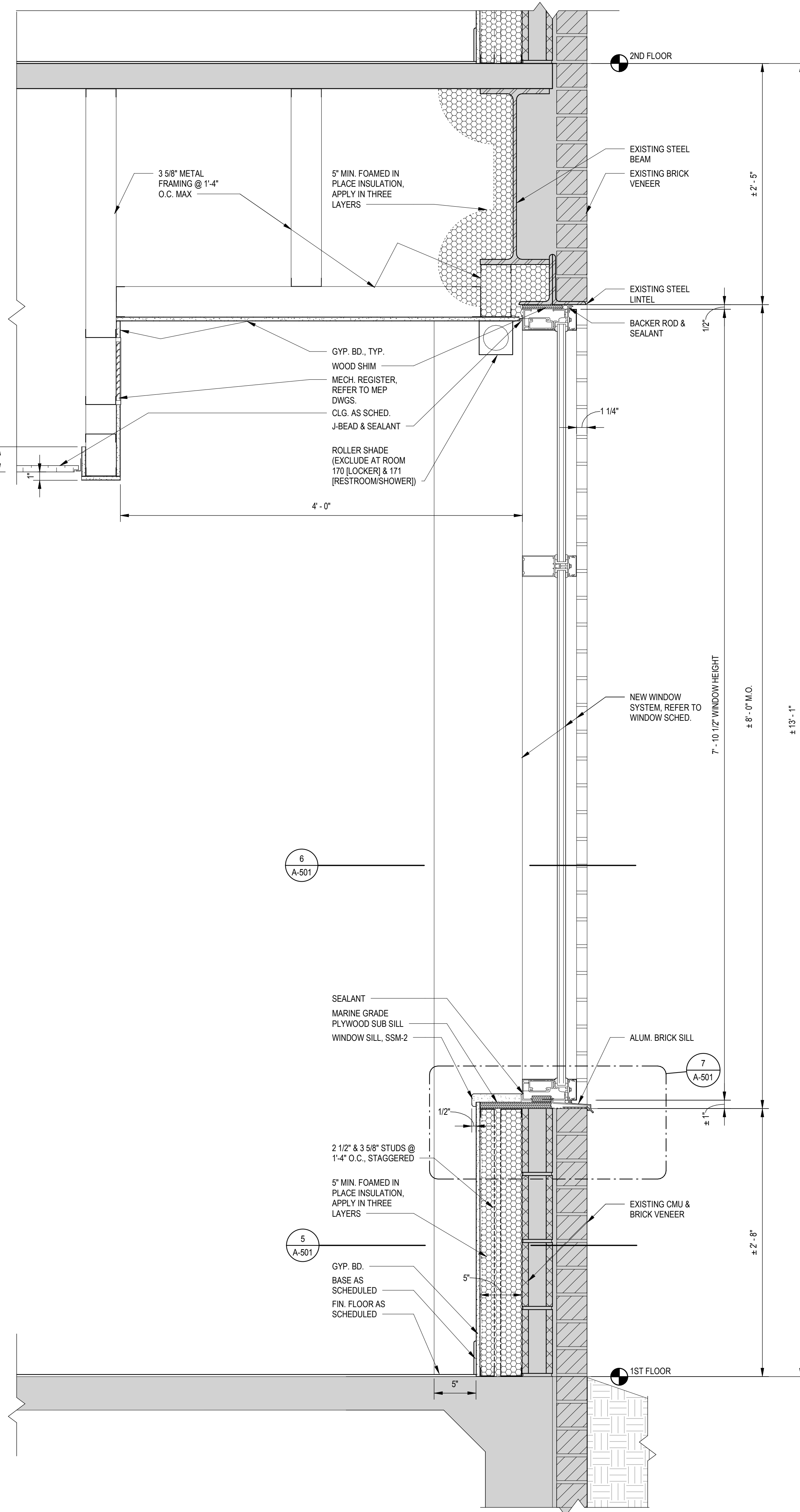
Drawing No.

A-501

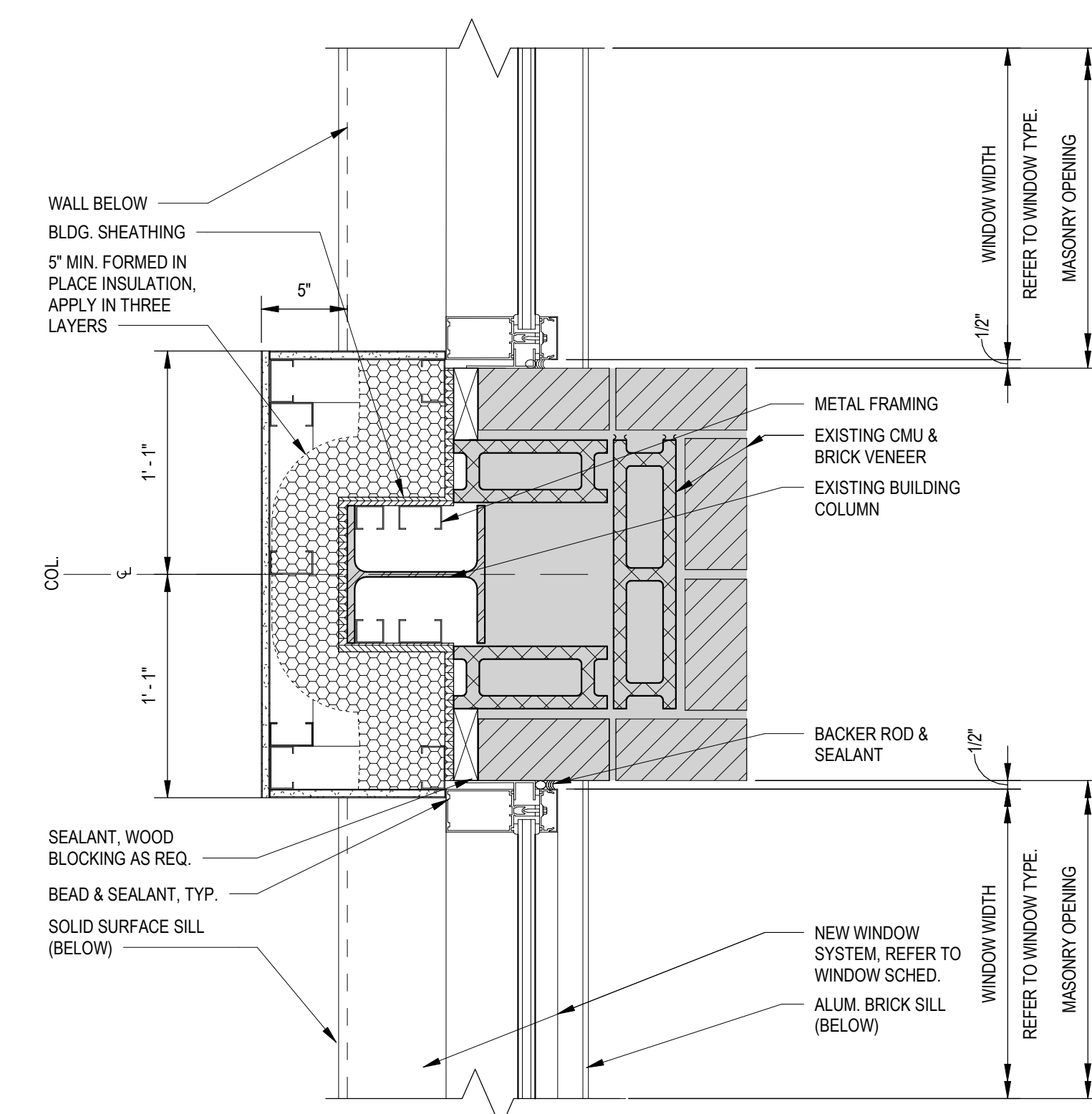
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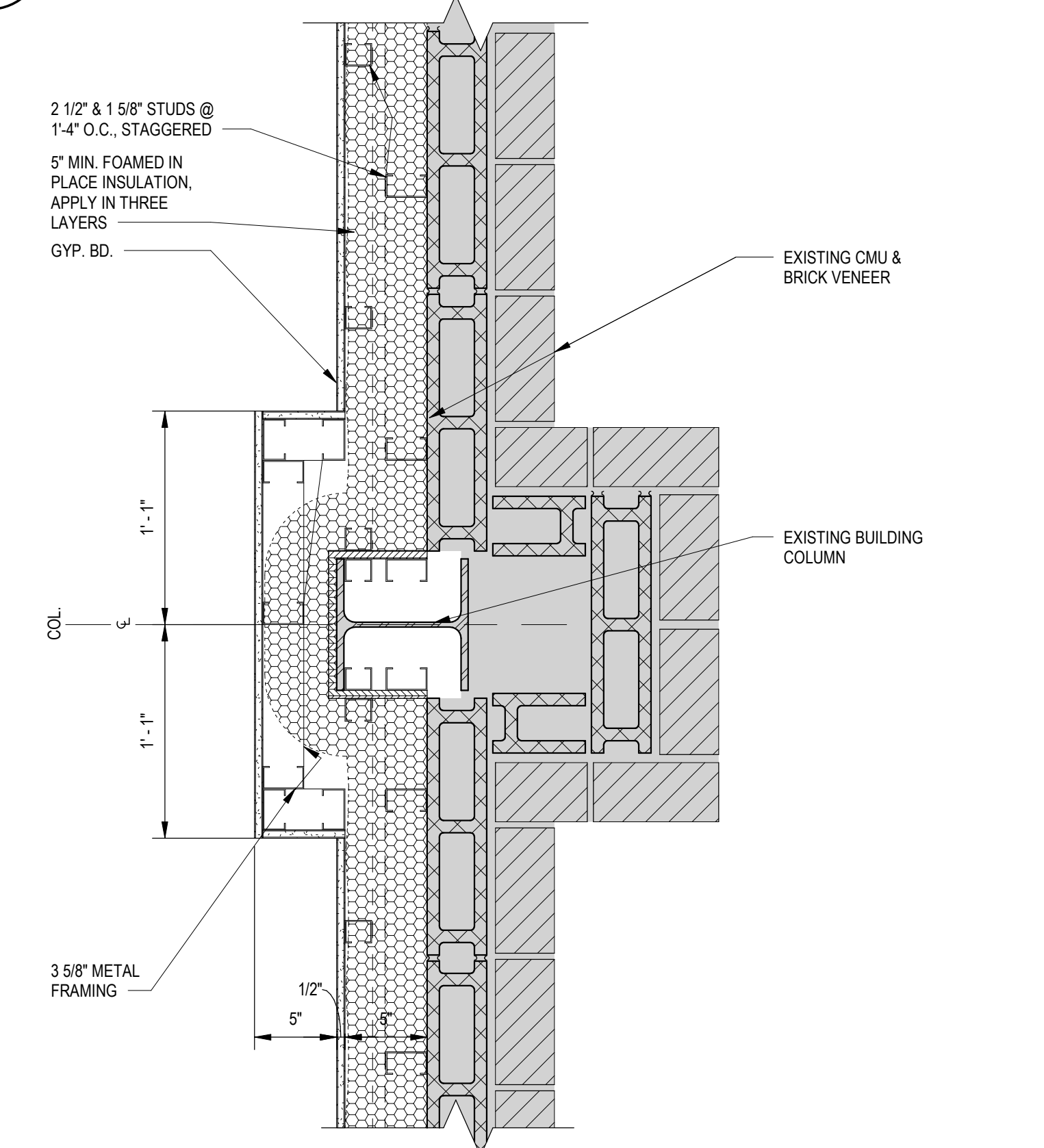
8 MULLION CAP DETAIL
SCALE: 3" = 1'-0"



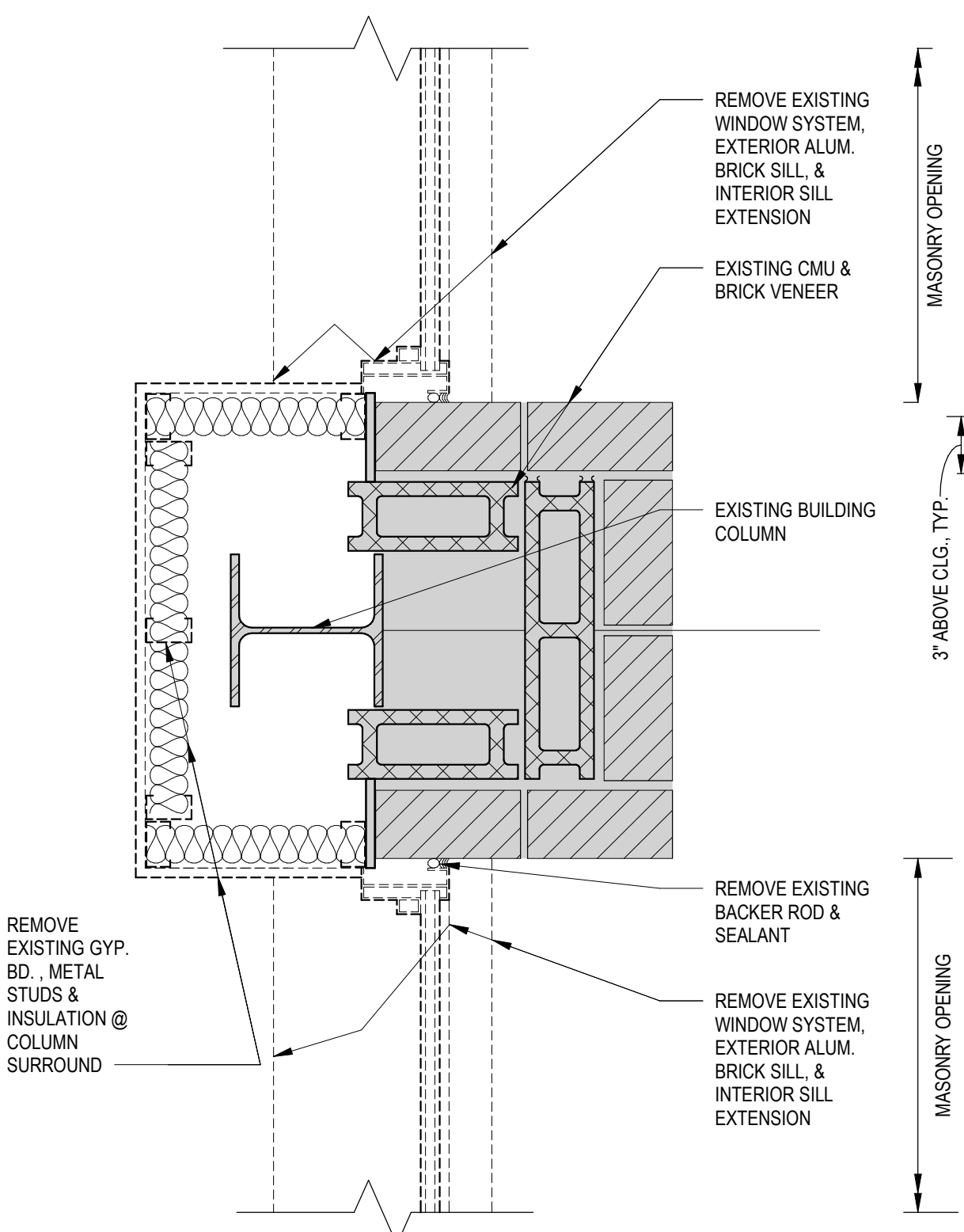
7 SECTION DETAIL EXT WINDOW SILL
SCALE: 3" = 1'-0"



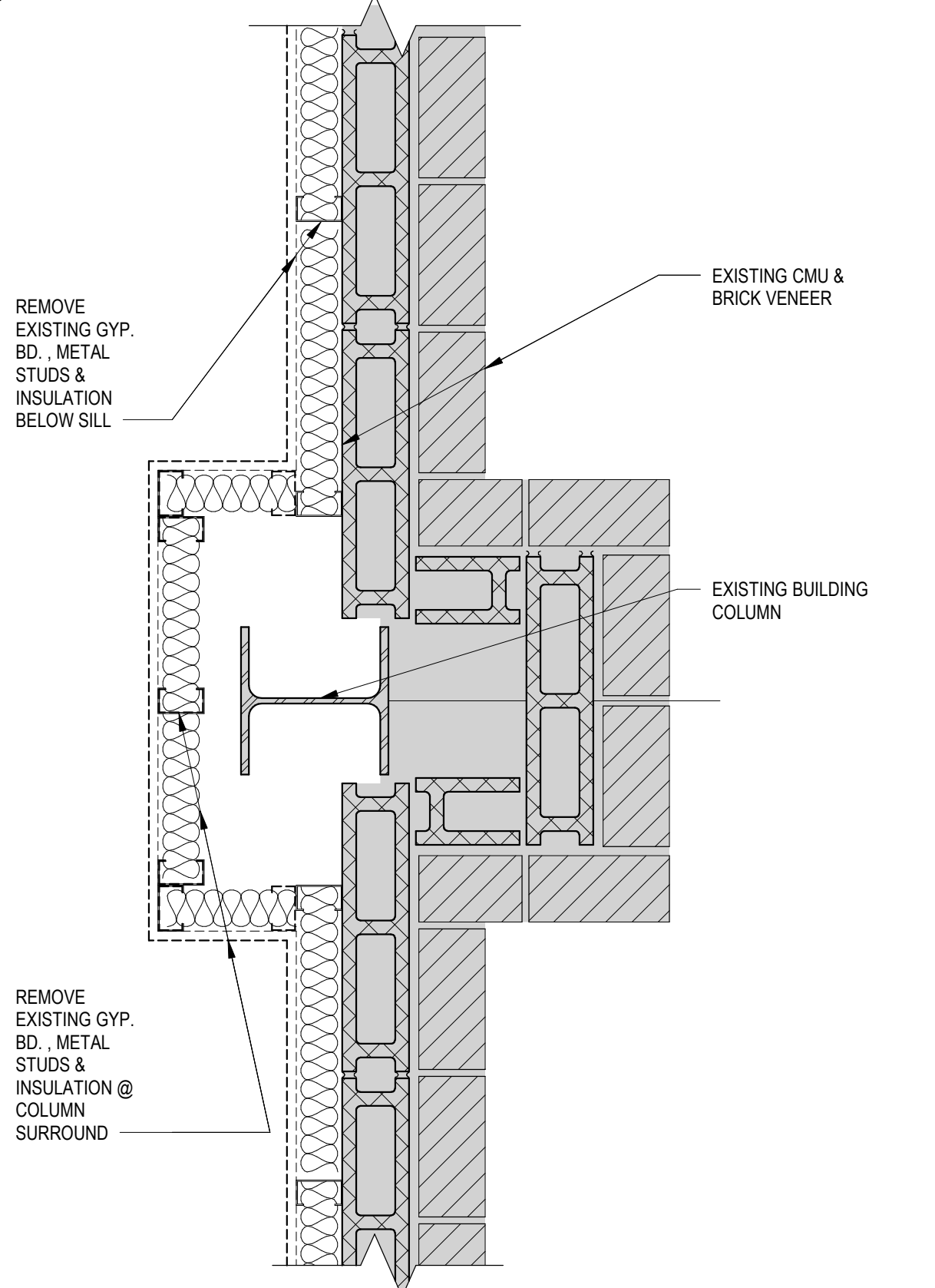
6 PLAN DETAILS WINDOW & EXTERIOR WALL NEW WORK
SCALE: 1 1/2" = 1'-0"



5 PLAN DETAILS WINDOW & EXTERIOR WALL NEW WORK
SCALE: 1 1/2" = 1'-0"

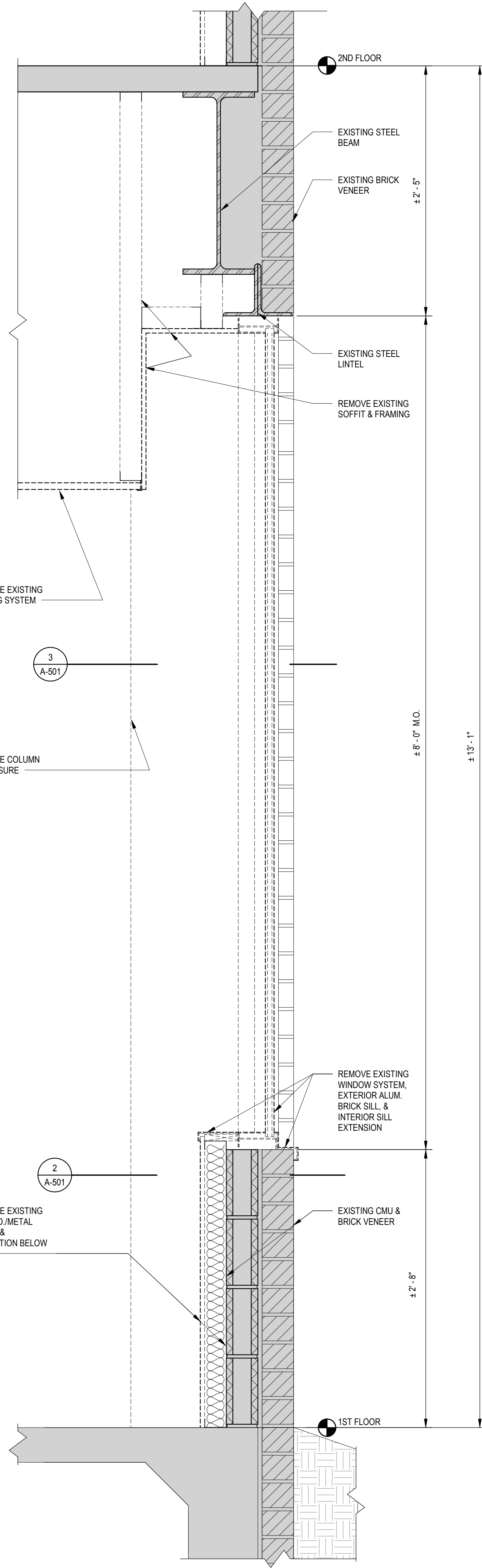


3 PLAN DETAIL WINDOW DEMOLITION
SCALE: 1 1/2" = 1'-0"



2 PLAN DETAIL INTERIOR DEMO @ EXT WALL
SCALE: 1 1/2" = 1'-0"

4 SECTION DETAIL 1ST FLOOR WINDOW & EXT WALL NEW WORK
SCALE: 1 1/2" = 1'-0"



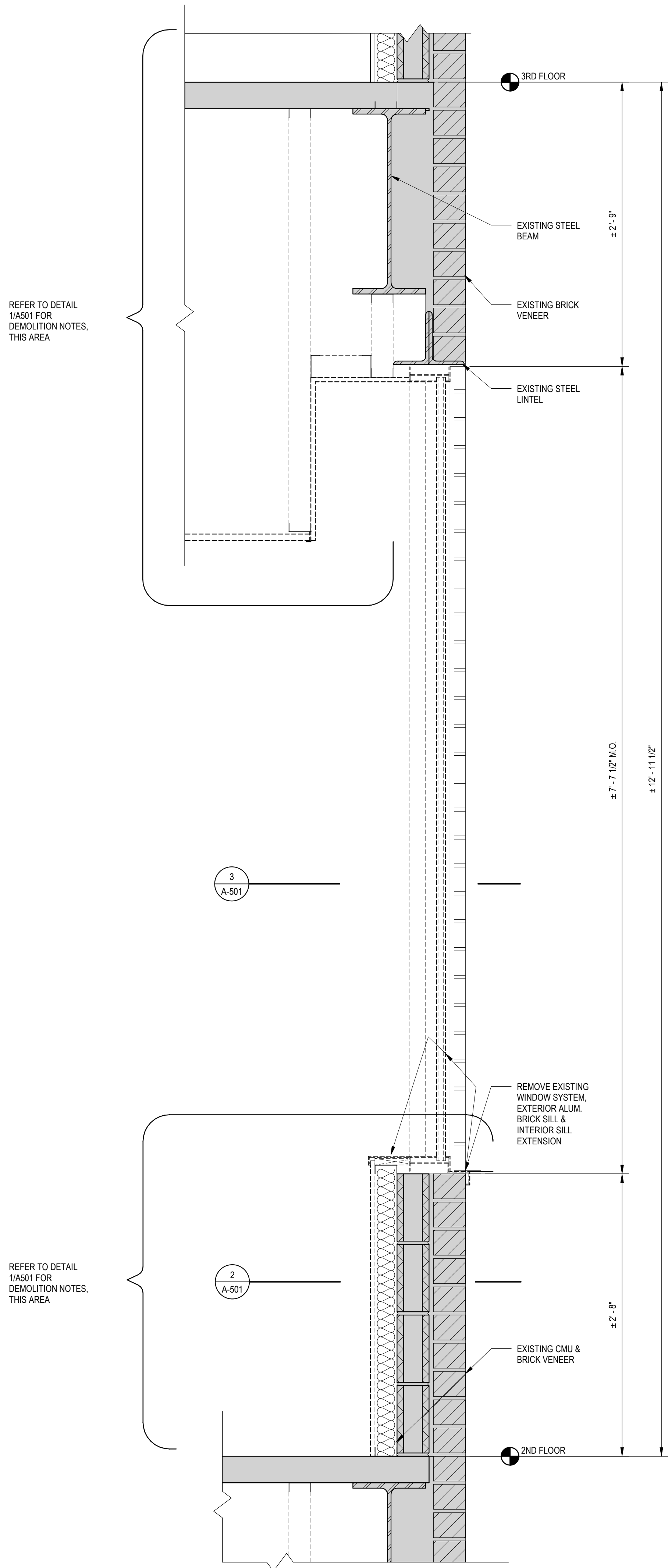
1 SECTION DETAIL 1ST FLOOR WINDOW & EXT WALL DEMO
SCALE: 1 1/2" = 1'-0"

A-501

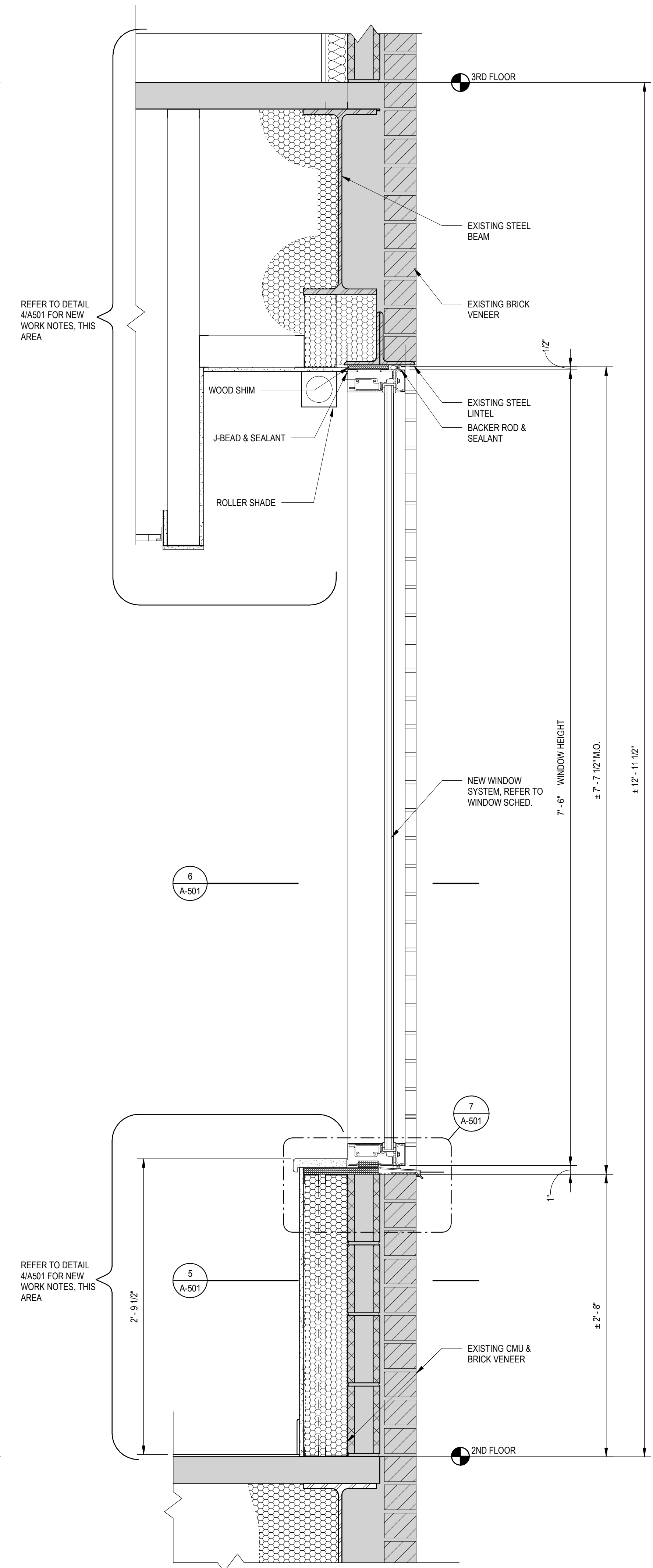


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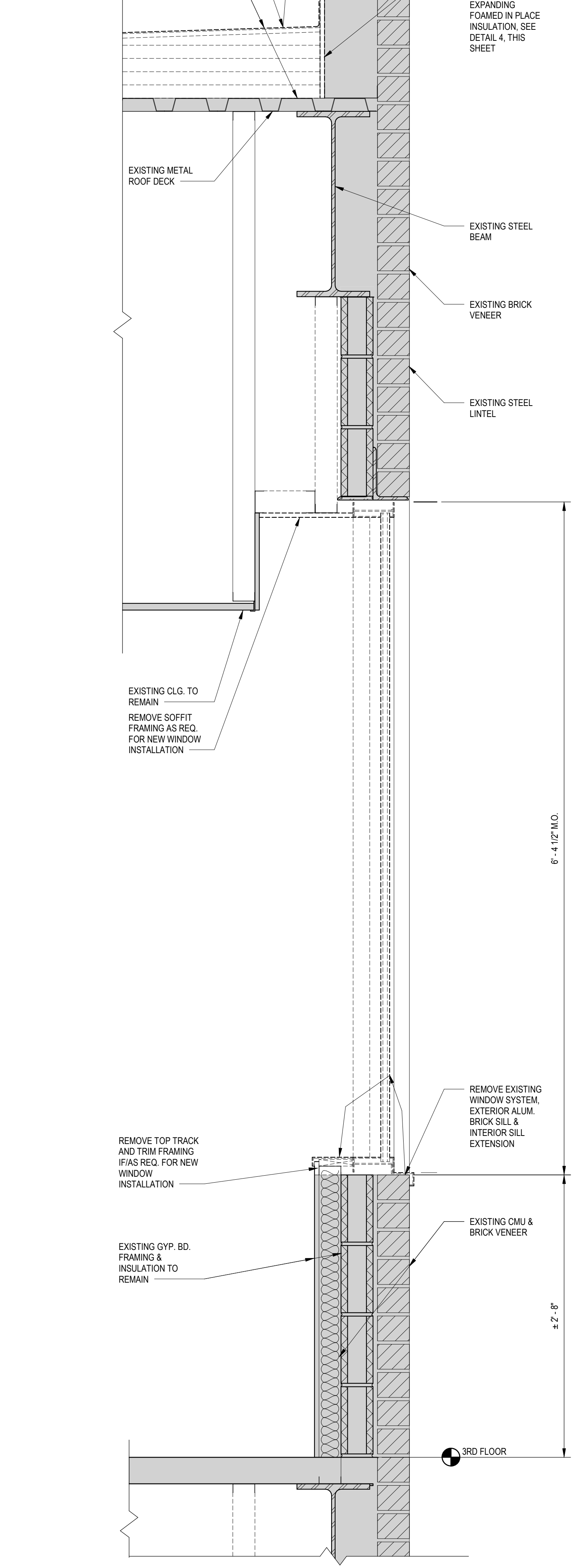
DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
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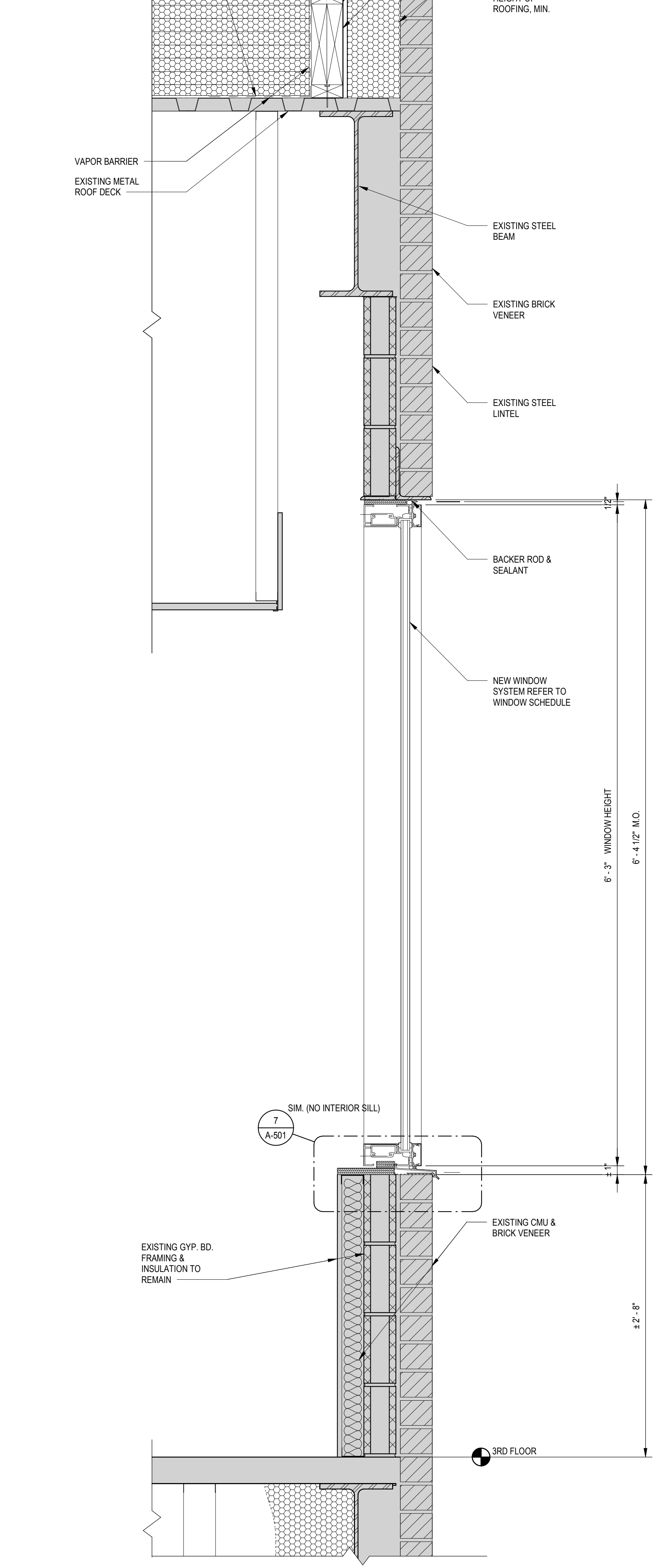
1 SECTION DETAIL 2ND FL. WINDOW & EXT WALL DEMO
A-502 SCALE: 1/12" = 1'-0"



2 SECTION DETAILS WIN. & EXT WALL/ROOF NEW WORK 2ND FL.
A-502 SCALE: 1/12" = 1'-0"



3 SECTION DETAIL 3RD FL. WINDOW & EXT WALL DEMO
A-502 SCALE: 1/12" = 1'-0"



4 SECTION DETAILS WIN. & EXT WALL/ROOF NEW WORK 3RD FL.
A-502 SCALE: 1/12" = 1'-0"

Key Plan

No.	Revision	Date

Project Name
CITY OF ROCKVILLE
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www.delta-eas.com

Seal: [Professional Engineer Seal]
Phase: IFB #08-22
Project No.: 2019.331.004
Date: 12/23/2021 (PERMIT REVISIONS)
04/01/2022

Drawing Title
WINDOW & EXT WALL SECTIONS

Drawing No.

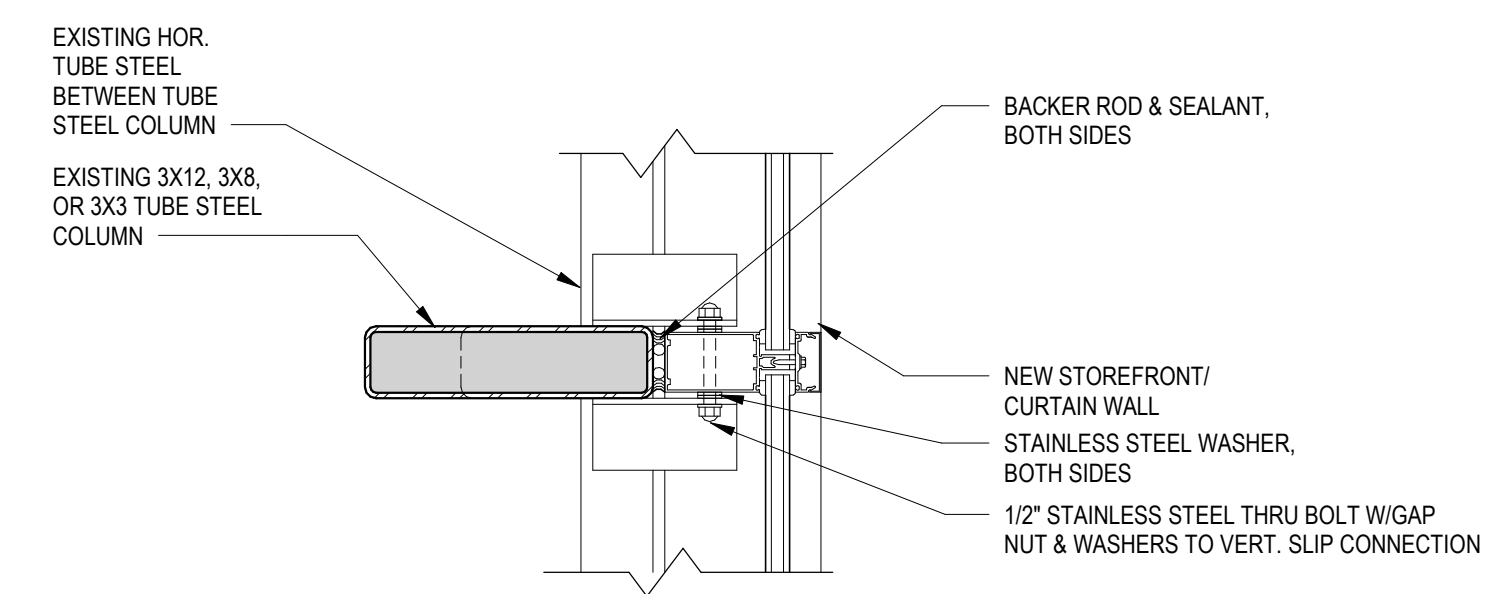
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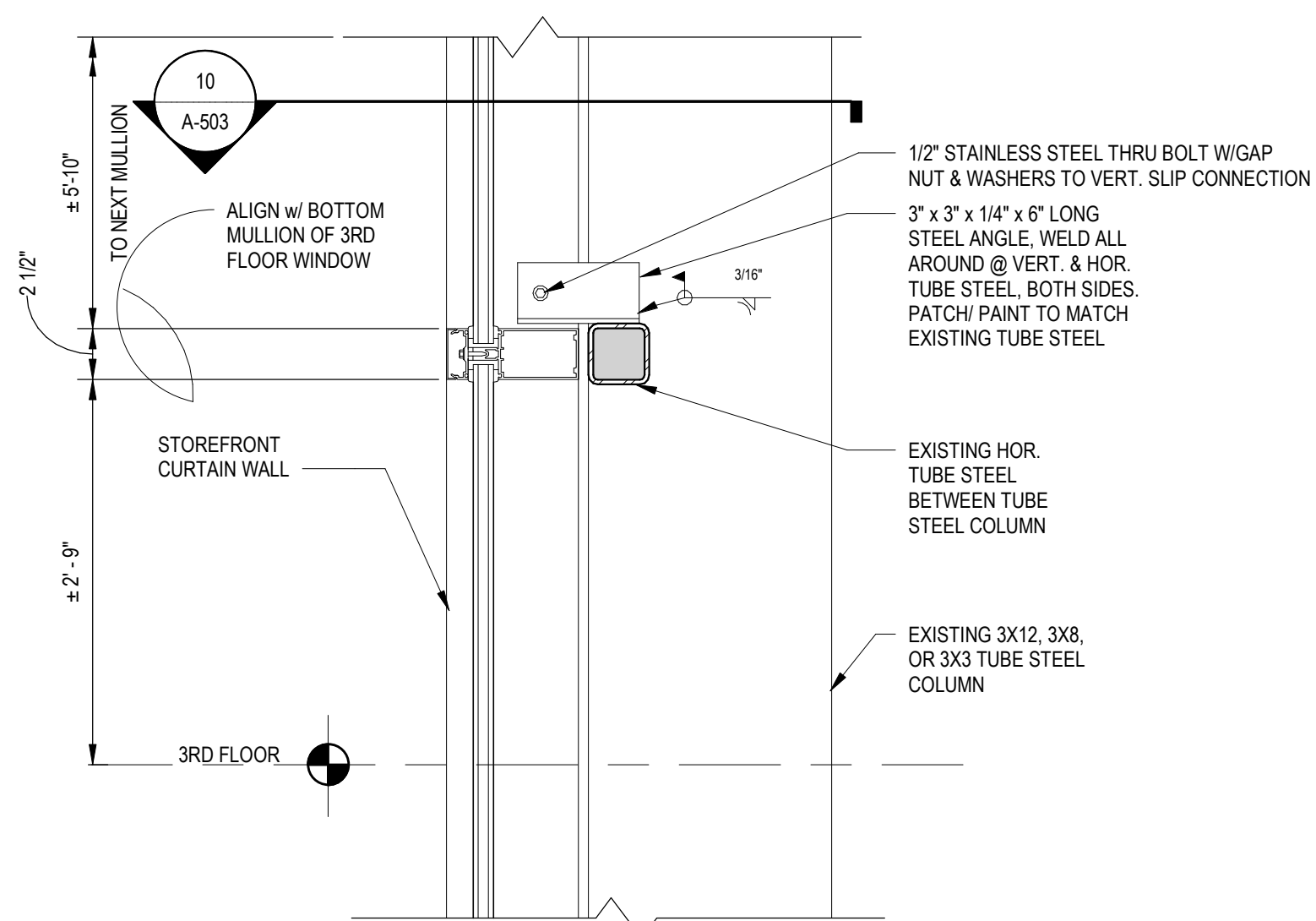


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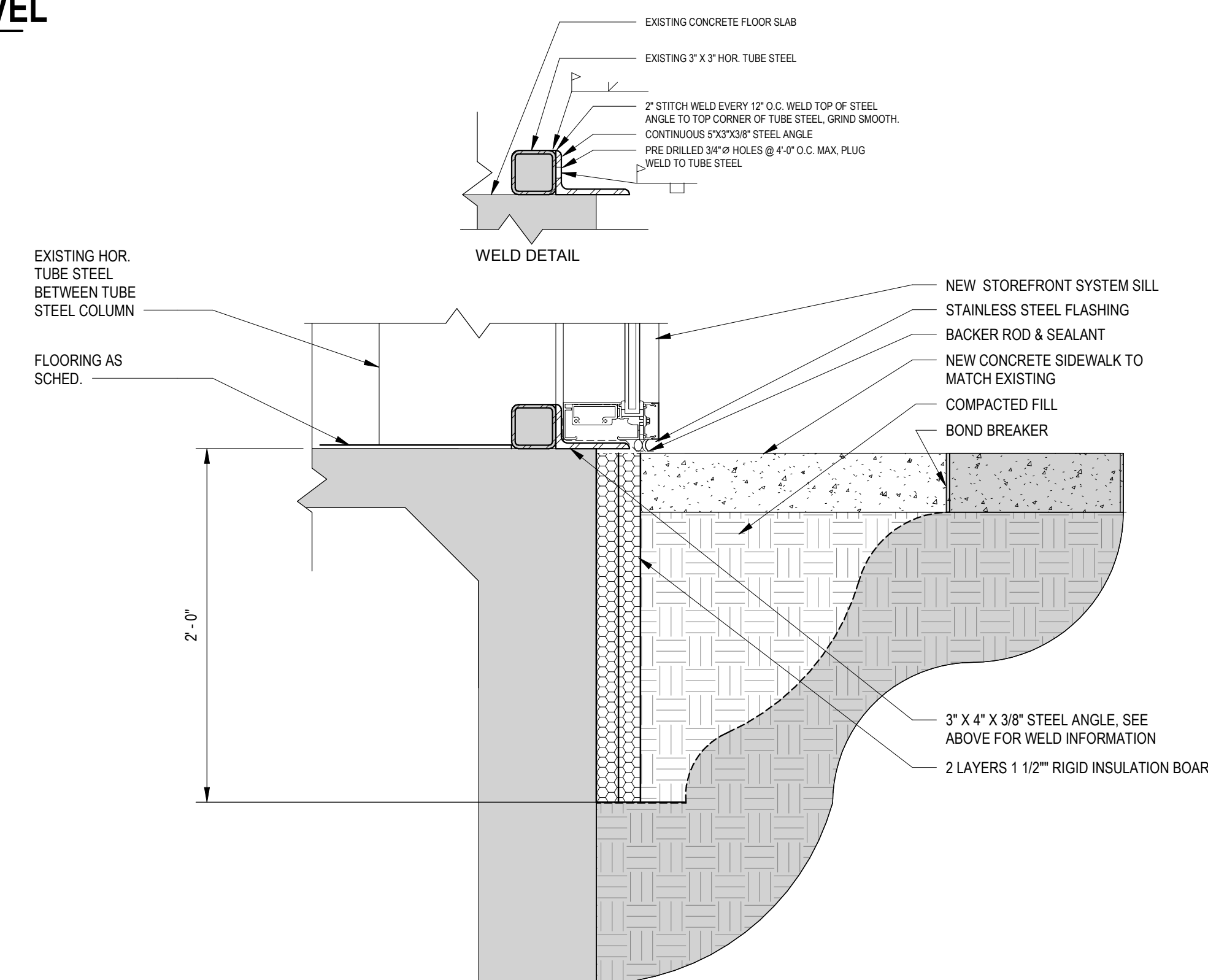
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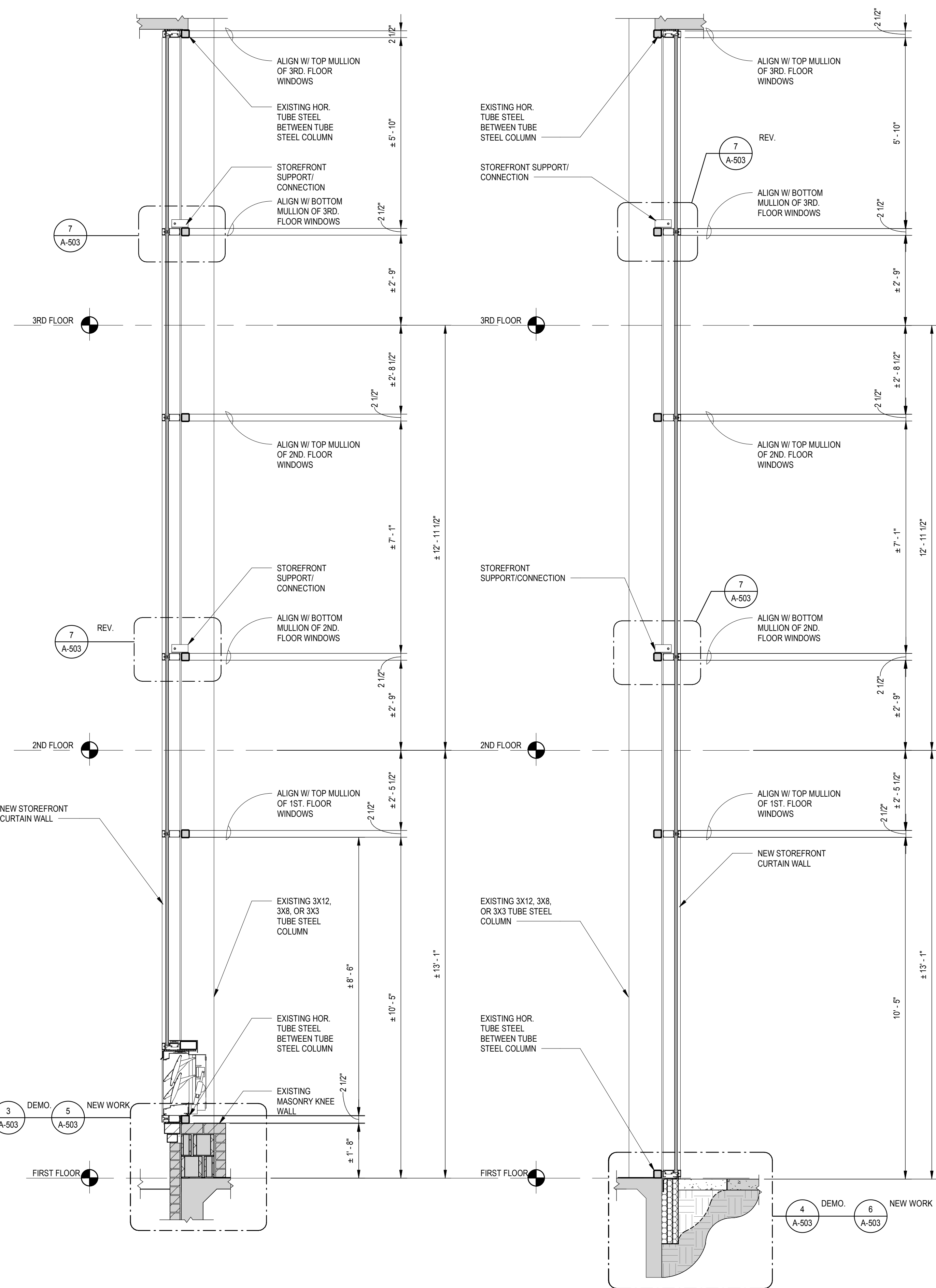
10 PLAN DETAIL CONNECTION - 3RD FL. LEVEL
A-503 SCALE: 1 1/2" = 1'-0"



7 SECTION DETAIL-ATRIUM STOREFRONT CONNECTION- 3ND FL. LEVEL
A-503 SCALE: 1 1/2" = 1'-0"



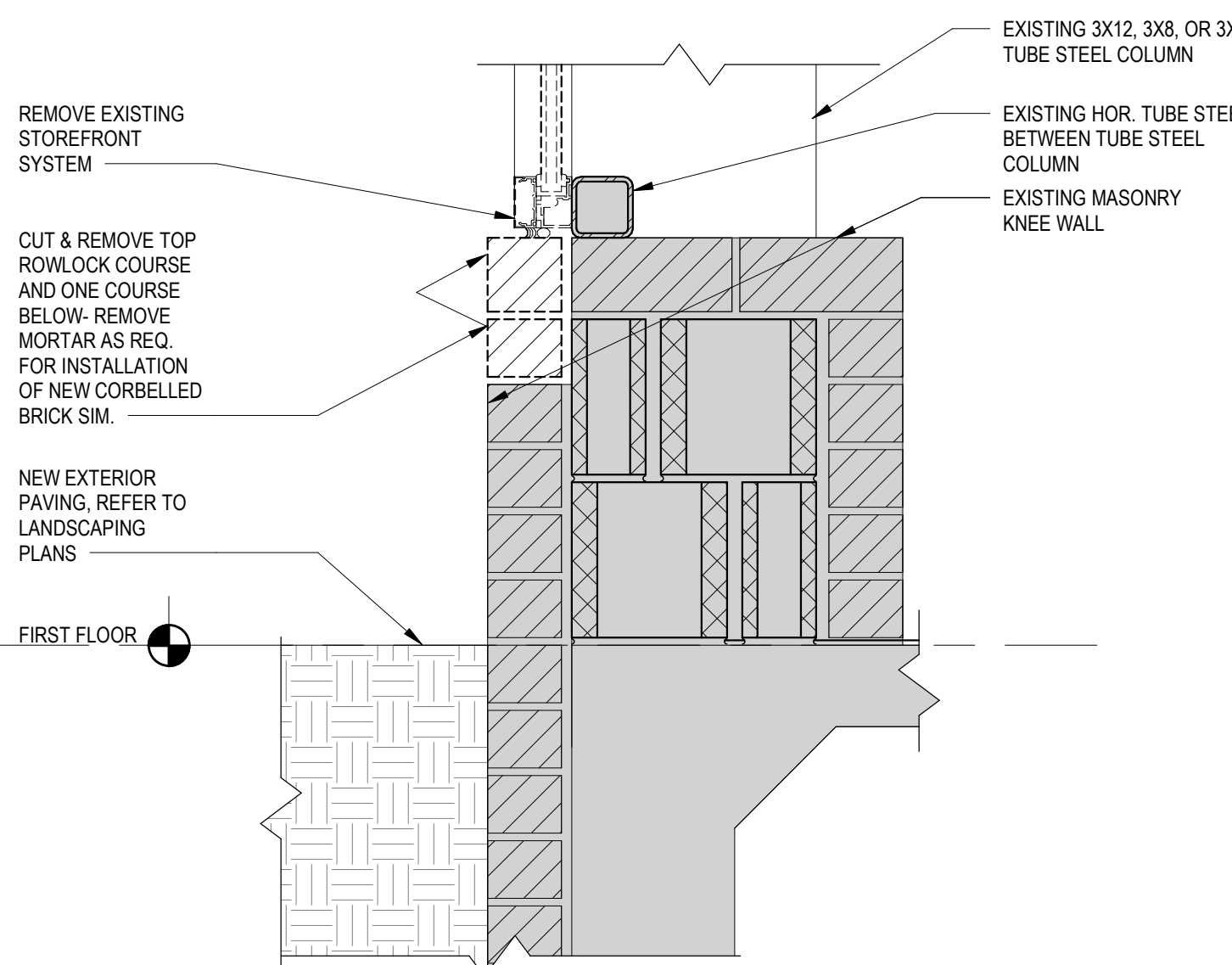
6 SECTION DETAIL-ATRIUM STOREFRONT WEST WALL NEW WORK/SILL
A-503 SCALE: 1 1/2" = 1'-0"



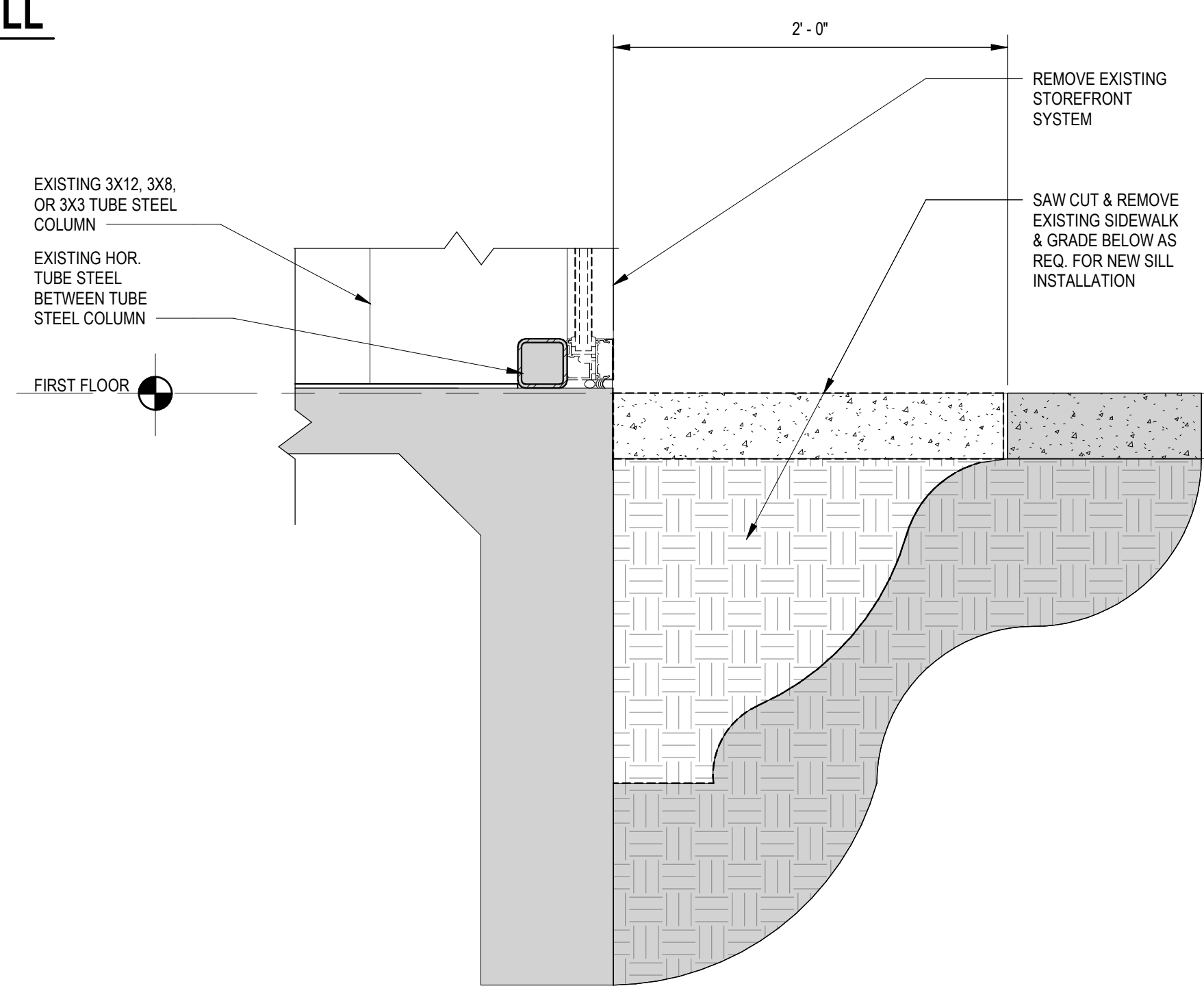
1 SECTION AT ATRIUM STOREFRONT-EAST WALL
A-503 SCALE: 1/2" = 1'-0"

2 SECTION AT ATRIUM STOREFRONT-WEST WALL
A-503 SCALE: 1/2" = 1'-0"

5 SECTION DETAIL-ATRIUM STOREFRONT EAST WALL NEW WORK/SILL
A-503 SCALE: 1 1/2" = 1'-0"



3 SECTION DETAIL-ATRIUM STOREFRONT EAST WALL DEMO/SILL
A-503 SCALE: 1 1/2" = 1'-0"



4 SECTION DETAIL-ATRIUM STOREFRONT WEST WALL DEMO/SILL
A-503 SCALE: 1 1/2" = 1'-0"

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Phase IFB #08-22
Project No. 2019.331.004
Date 12/23/2021 (PERMIT REVISIONS 04/01/2022)

Drawing Title
ATRIUM CURTAINWALL
DETAILS

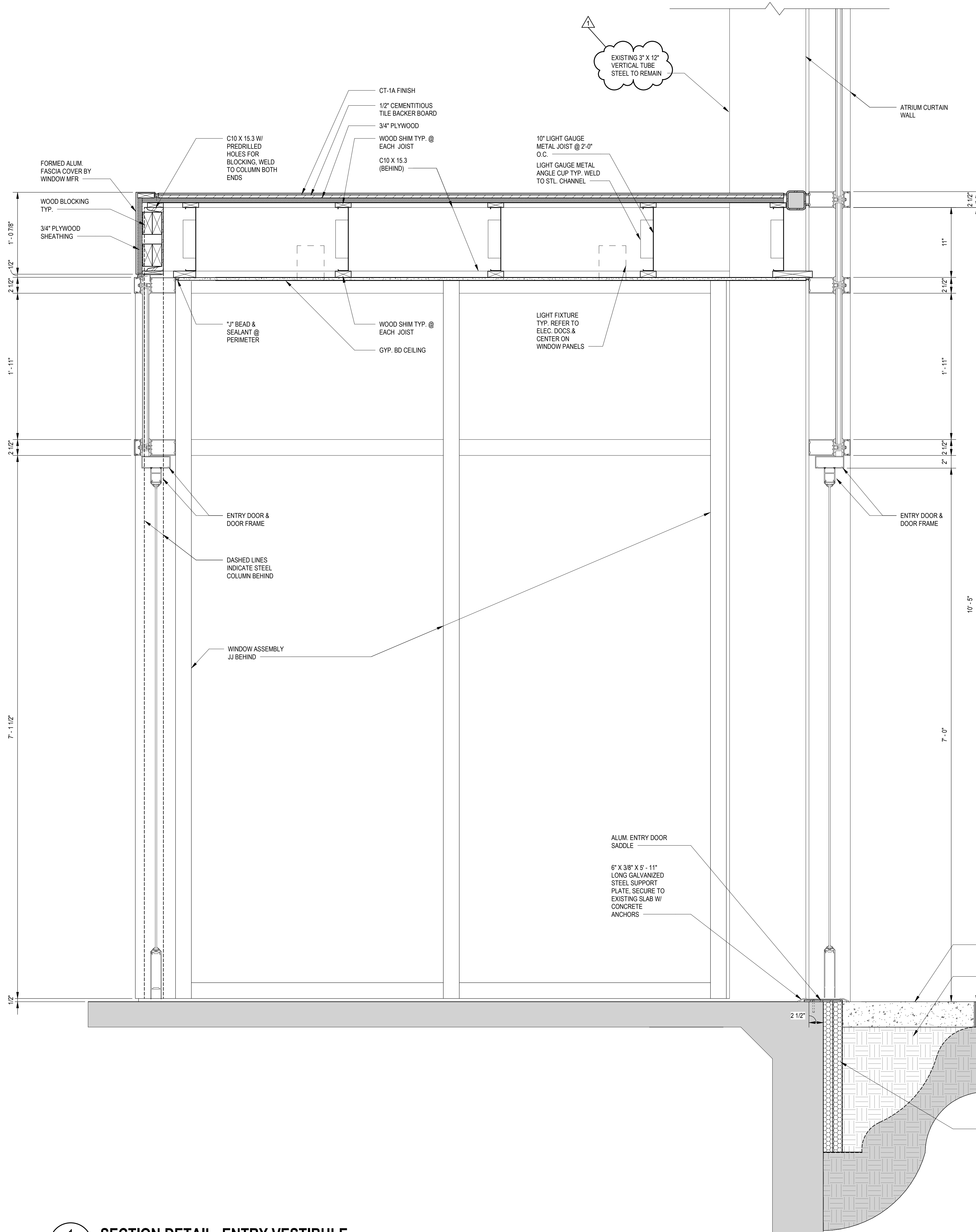
Drawing No.

A-503

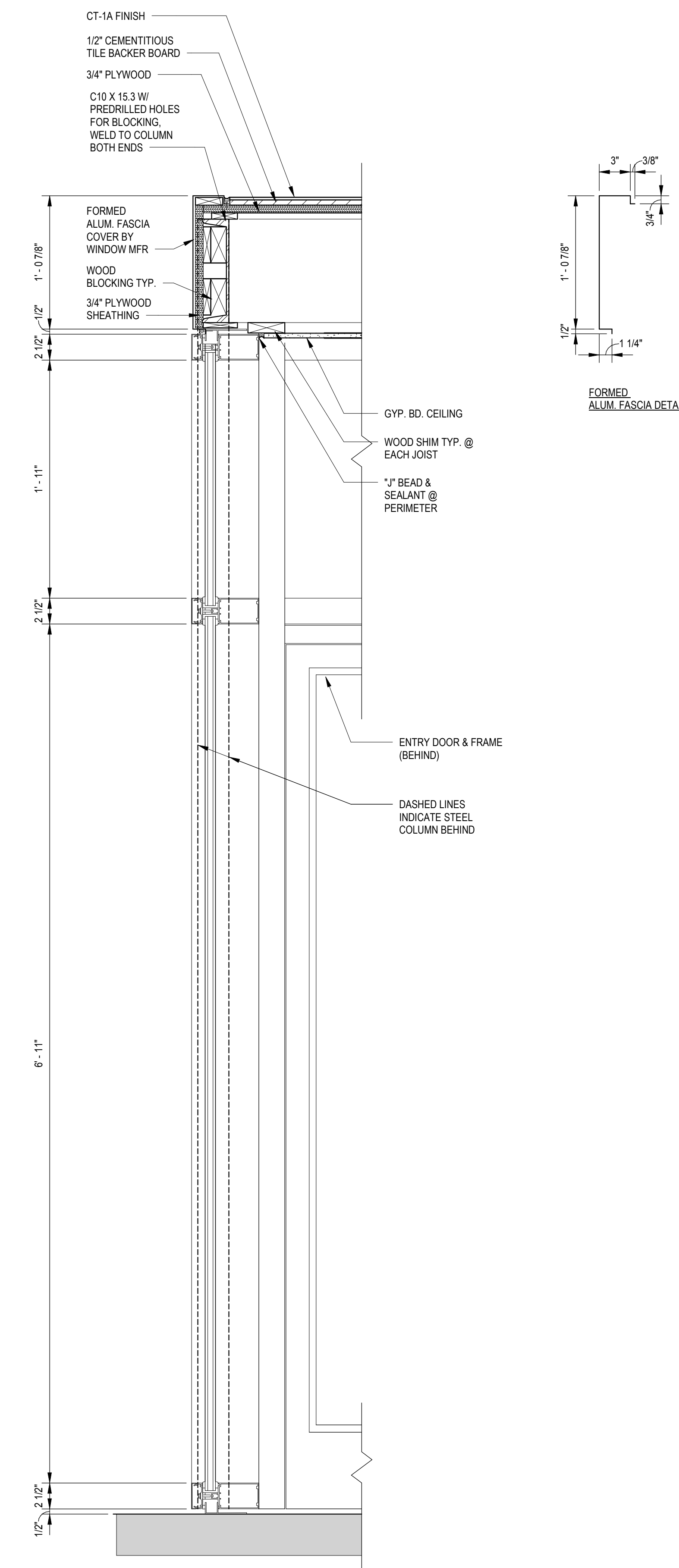


APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
SERVICES DIVISION ARE REQUIRED FOR ON-SITE
CONSTRUCTION



1 SECTION DETAIL- ENTRY VESTIBULE
SCALE: 1 1/2" = 1'-0"



2 SECTION DETAIL- ENTRY VESTIBULE B
SCALE: 1 1/2" = 1'-0"

Key Plan

No.	Permit Revisions	2022-04-01
No.	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
 ROCKVILLE MARYLAND

DELTA
 ENGINEERS, ARCHITECTS, & SURVEYORS
 8401 Connecticut Avenue, Suite 350
 Chevy Chase, MD 20815
 Tel: 301.718.0080
 Fax: 301.718.9520
 Email: mail@delta-eas.com
 www.delta-eas.com

Seal: [Professional Engineer Seal for Delta Engineers, Architects, & Surveyors, State of Maryland, License No. 7389, Exp. 01/01/2022]

Phase: IFB #08-22
 Project No.: 2019.331.004
 Date: 12/23/2021 (PERMIT REVISIONS 04/01/2022)

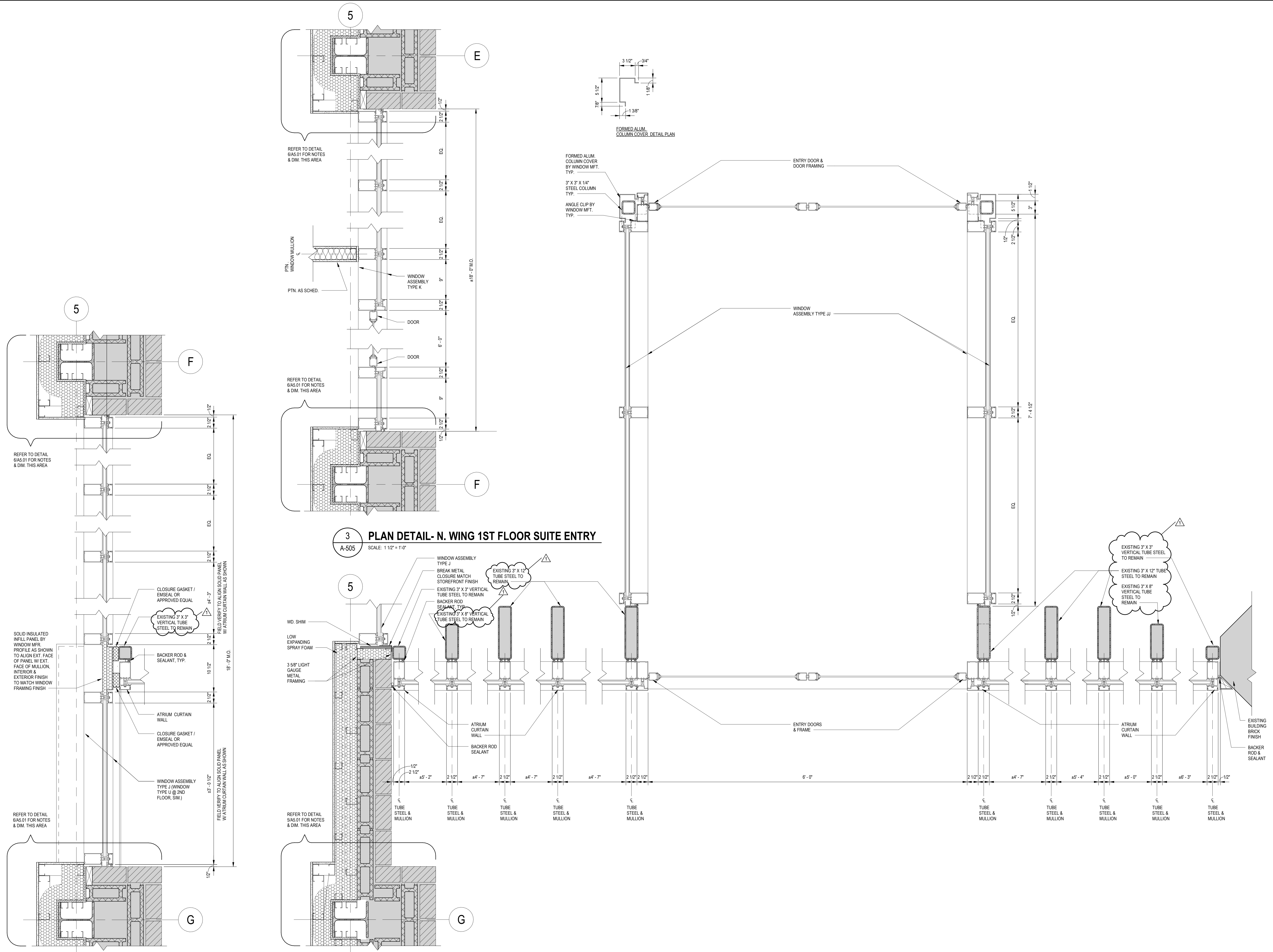
Drawing Title
ENTRY VESTIBULE & ATRIUM SECTION DETAILS

Drawing No.
A-504



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
SERVICES DIVISION ARE REQUIRED FOR ON-SITE
CONSTRUCTION



1 PLAN DETAIL- ENTRY CURTAINWALL @ N. WING WINDOWS
A-505 SCALE: 1 1/2" = 1'-0"

2 PLAN DETAIL- ENTRY VESTIBULE & CURTAIN WALL
A-505 SCALE: 1 1/2" = 1'-0"

3 PLAN DETAIL- N. WING 1ST FLOOR SUITE ENTRY
A-505 SCALE: 1 1/2" = 1'-0"

Key Plan

No.	Permit Revisions	2022-04-01
	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

DELTA
ENGINEERS, ARCHITECTS, & SURVEYORS
8401 Connecticut Avenue, Suite 350
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Email: mail@delta-eas.com
www.delta-eas.com

Seal of State of Maryland
Professional Engineer
Date: 12/23/2021 (PERMIT REVISIONS 04/01/2022)
Phase: IFB #08-22
Project No.: 2019.331.004

Drawing Title
ENTRY VESTIBULE & ATRIUM
PLAN DETAILS

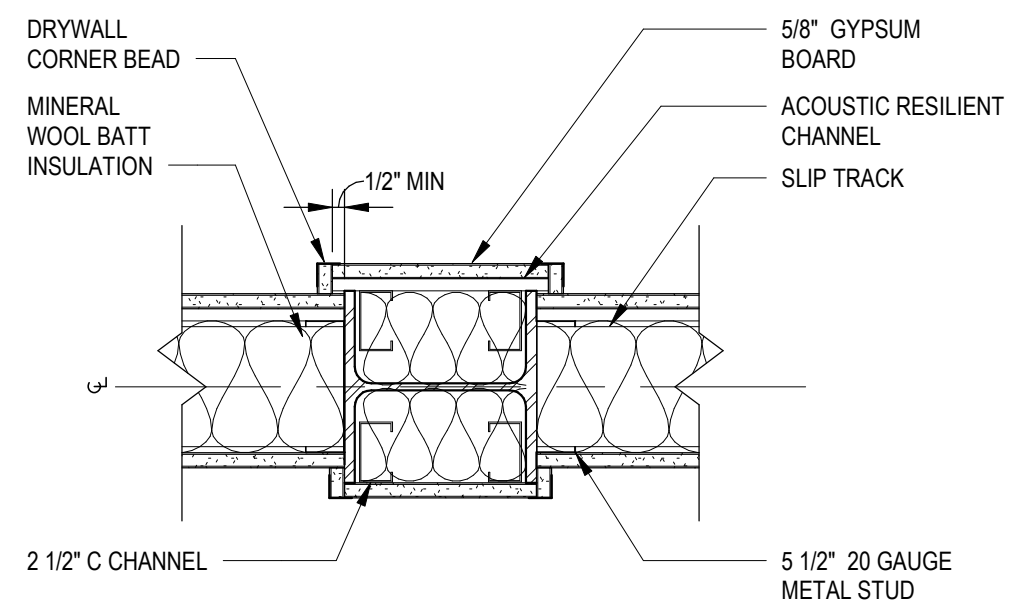
Drawing No.

A-505

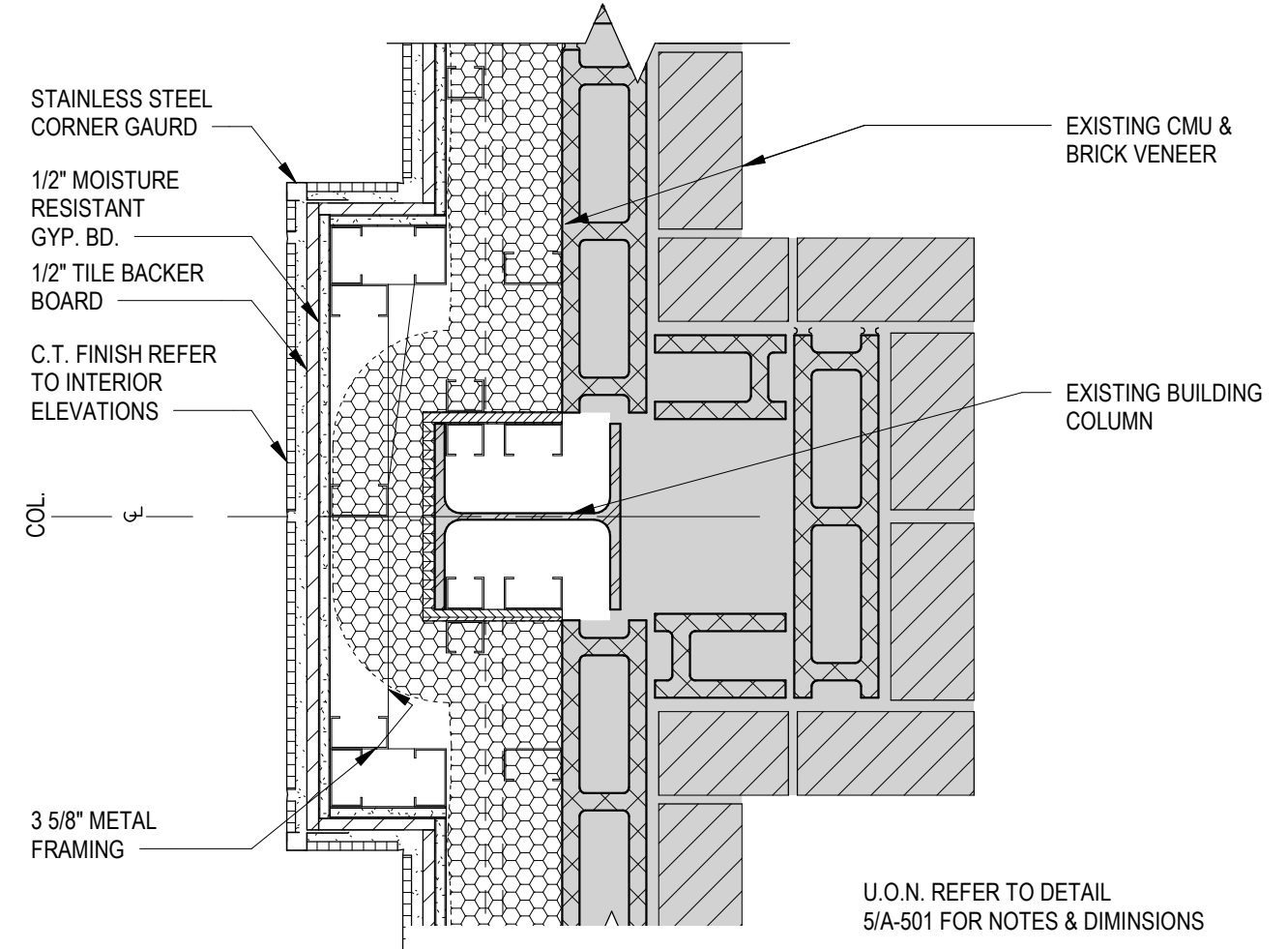


APPROVED BY CITY OF ROCKVILLE, MD

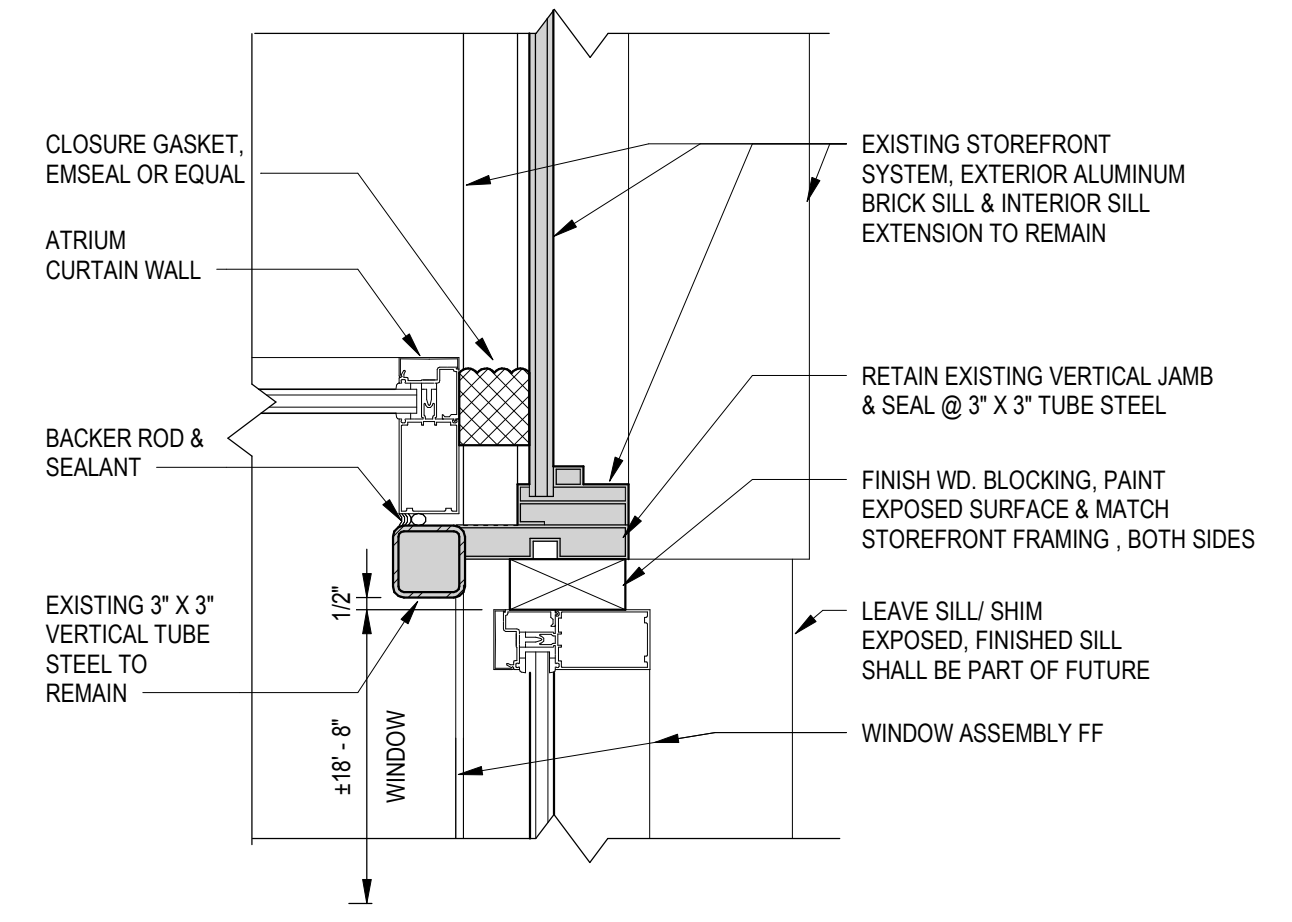
DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
SERVICES DIVISION ARE REQUIRED FOR ON-SITE
CONSTRUCTION



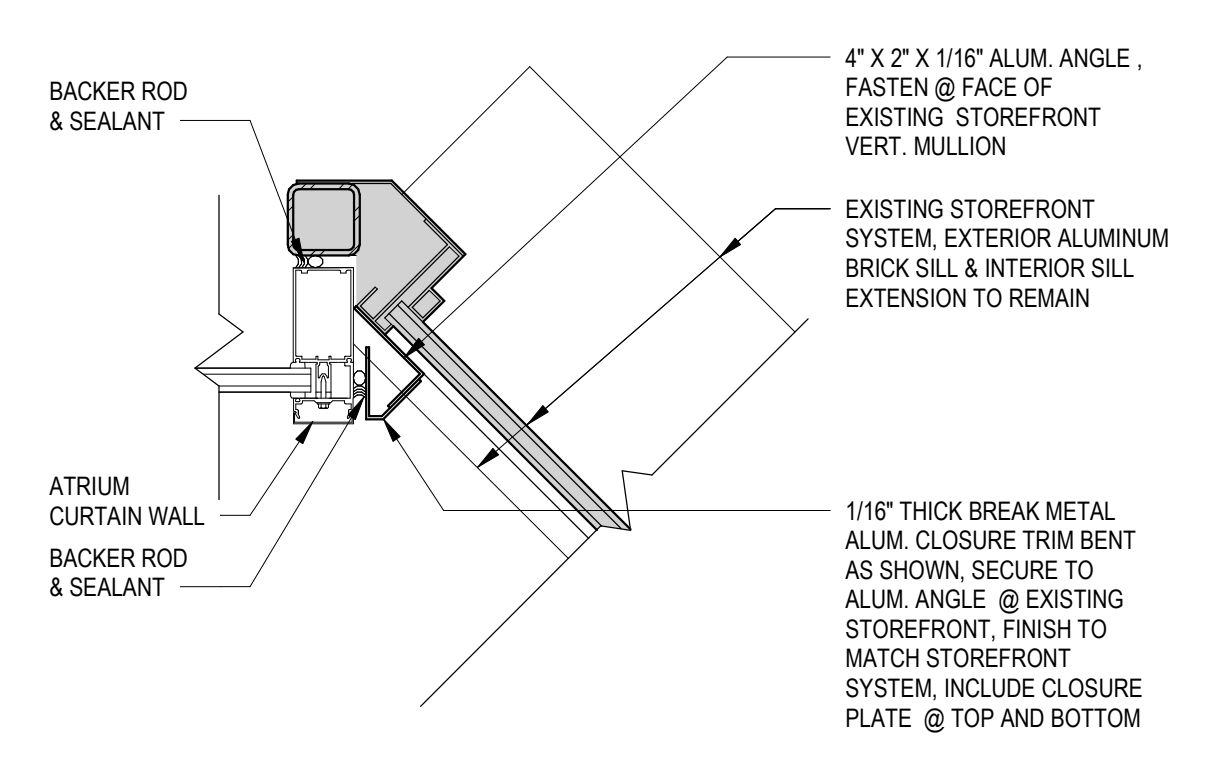
8 PLAN DETAIL- PARTITION WALL @ COLUMN INTERSECTION
A-506 SCALE: 1 1/2" = 1'-0"



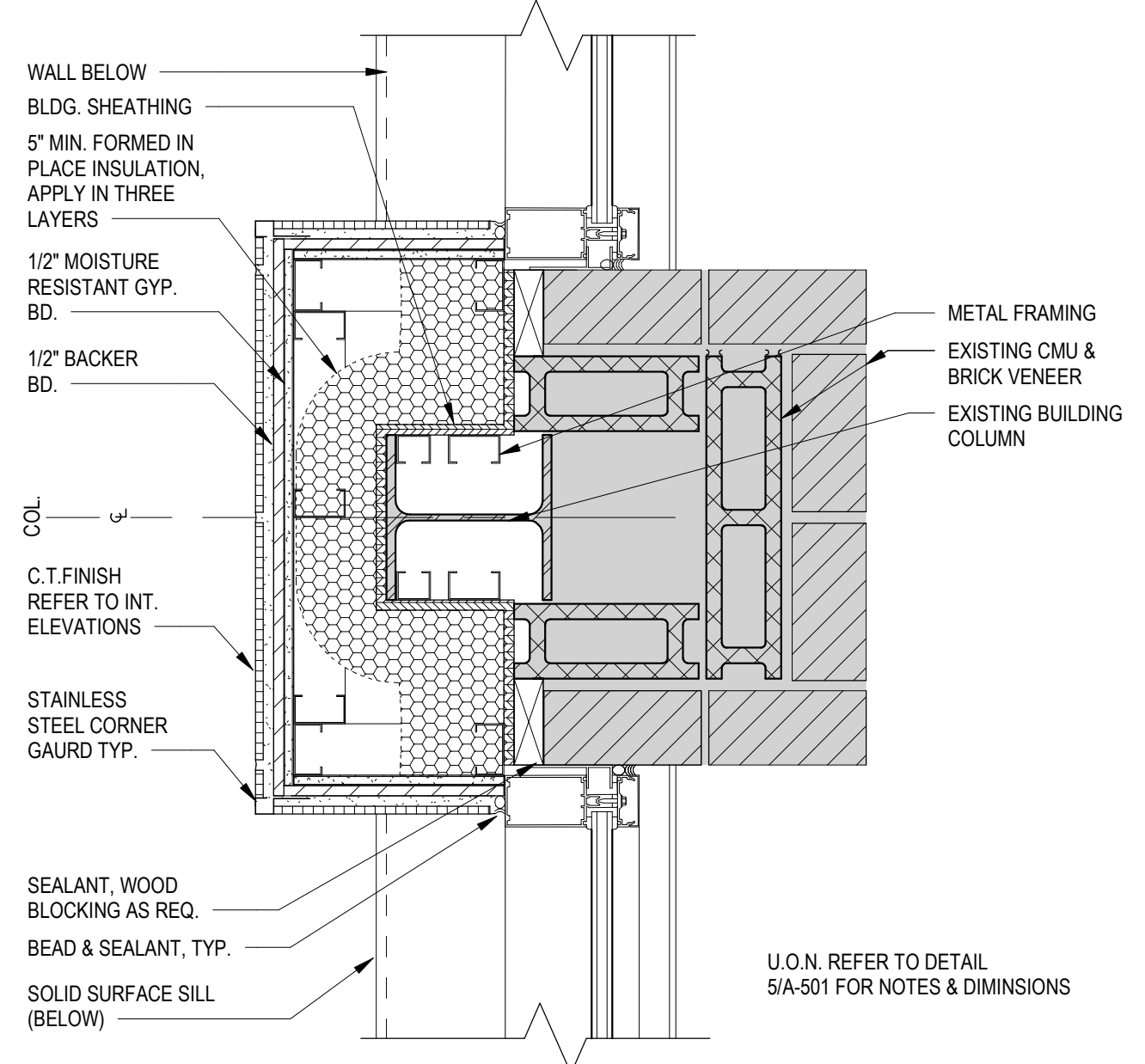
7 PLN. DTL REST./ SHOWER & EXTERIOR WALL NEW WORK
A-506 SCALE: 1 1/2" = 1'-0"



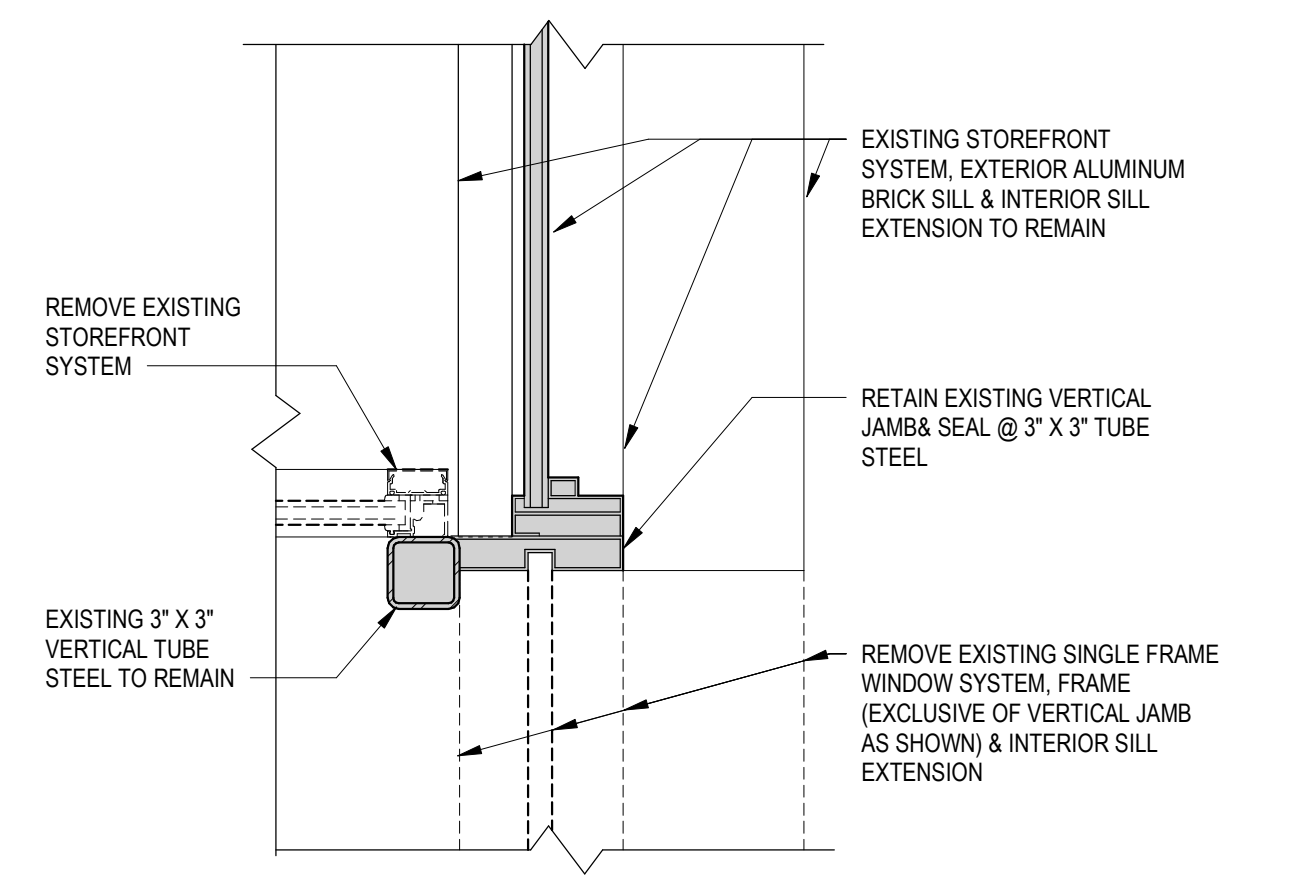
5 PLAN DETAIL- PLAZA CURTAINWALL/ WINDOW 3RD FL
A-506 SCALE: 1 1/2" = 1'-0"



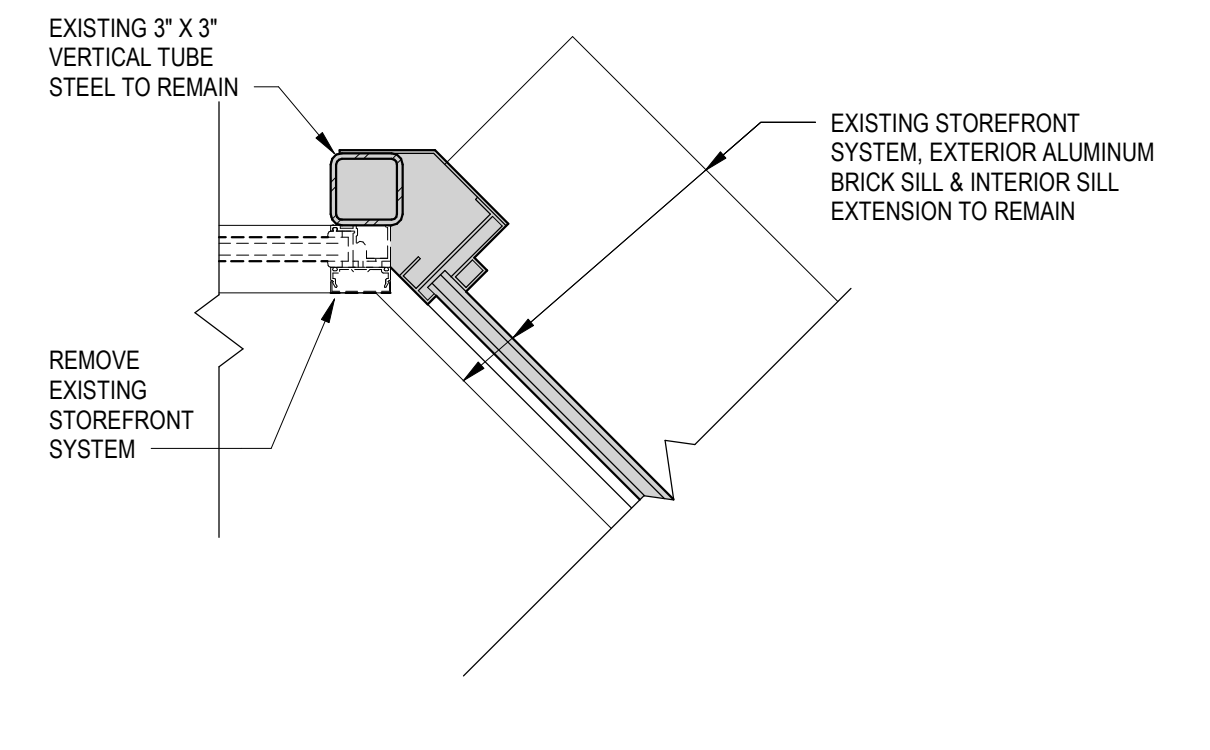
3 PLAN DETAIL-ENTRY CURTAINWALL 3RD FL
A-506 SCALE: 1 1/2" = 1'-0"



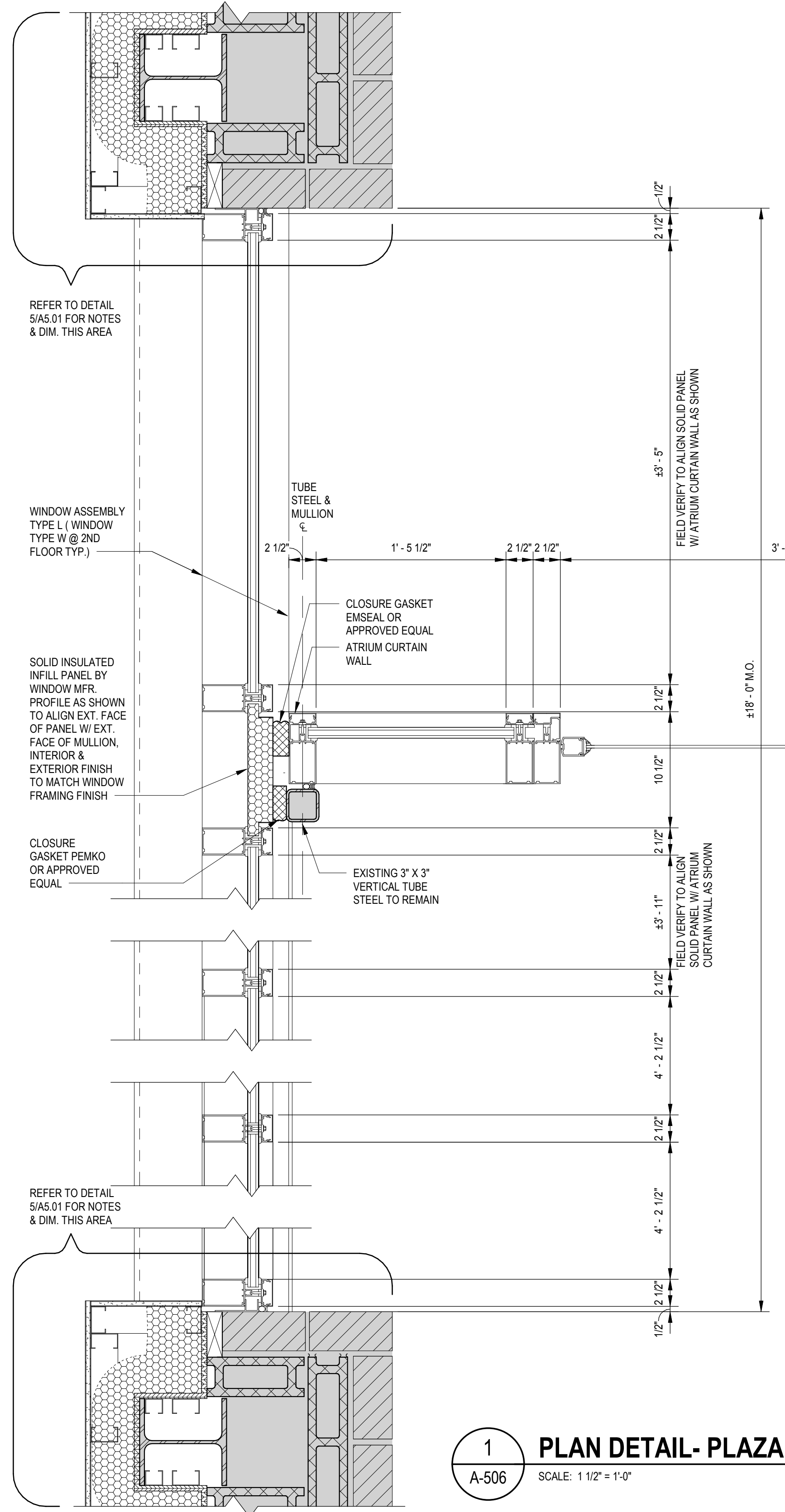
6 PLN. DTL. REST./ SHOWER WINDOW & EXTERIOR WALL NEW WORK
A-506 SCALE: 1 1/2" = 1'-0"



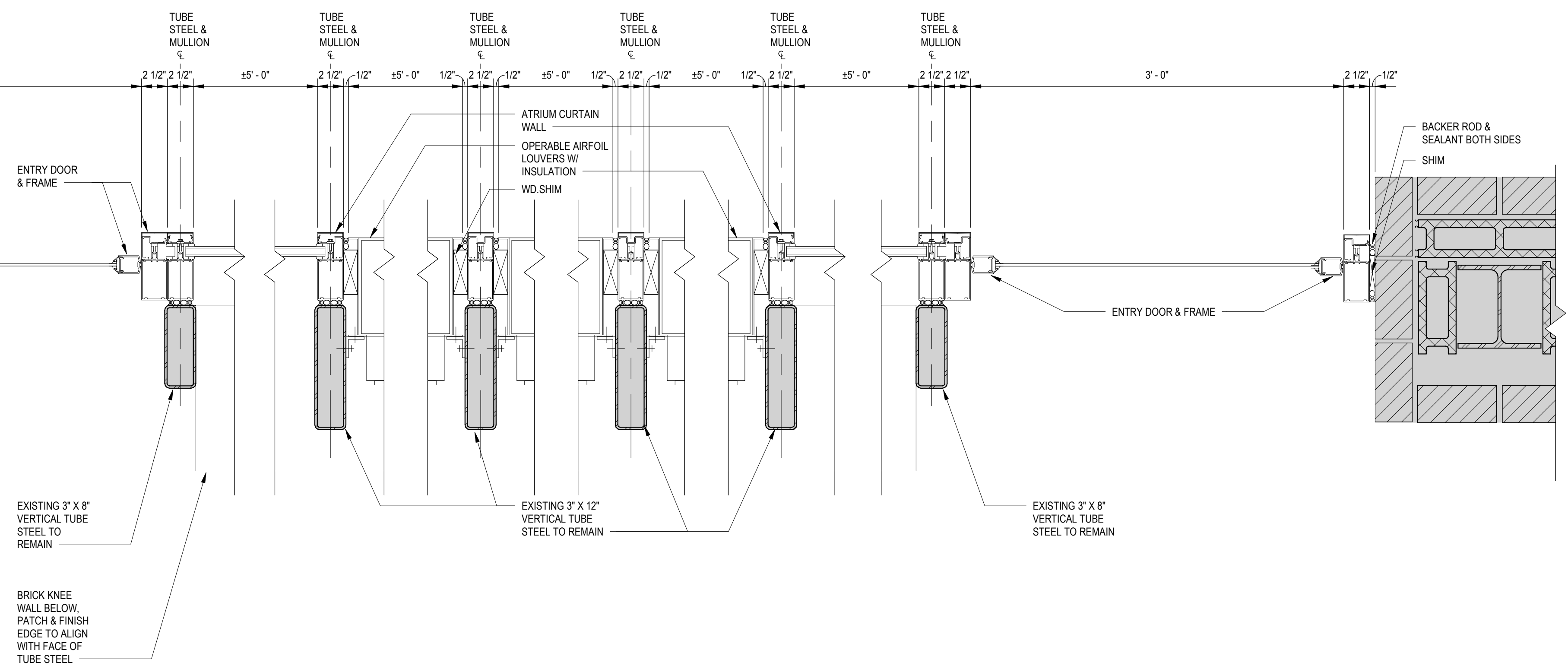
4 PLAN DETAIL-PLAZA CURTAINWALL DEMO 3RD FL
A-506 SCALE: 1 1/2" = 1'-0"



2 PLAN DETAIL- ENTRY CURTAINWALL DEMO 3RD FL
A-506 SCALE: 1 1/2" = 1'-0"



1 PLAN DETAIL- PLAZA CURTAINWALL
A-506 SCALE: 1 1/2" = 1'-0"



Key Plan

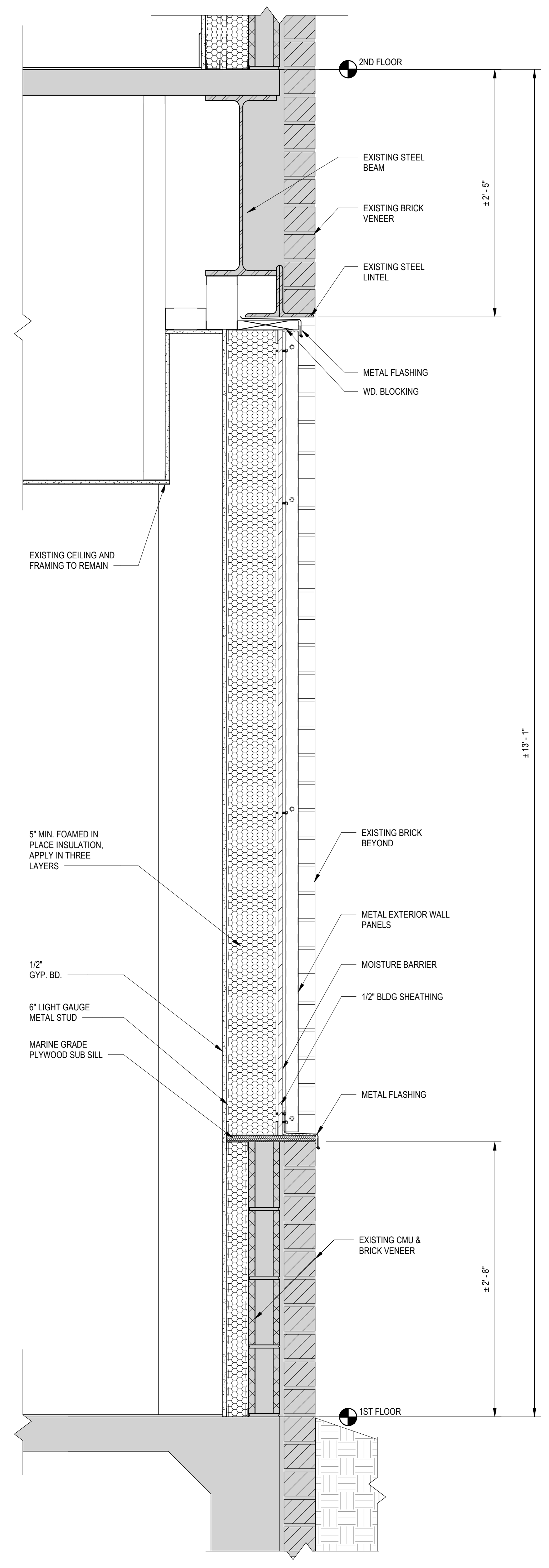
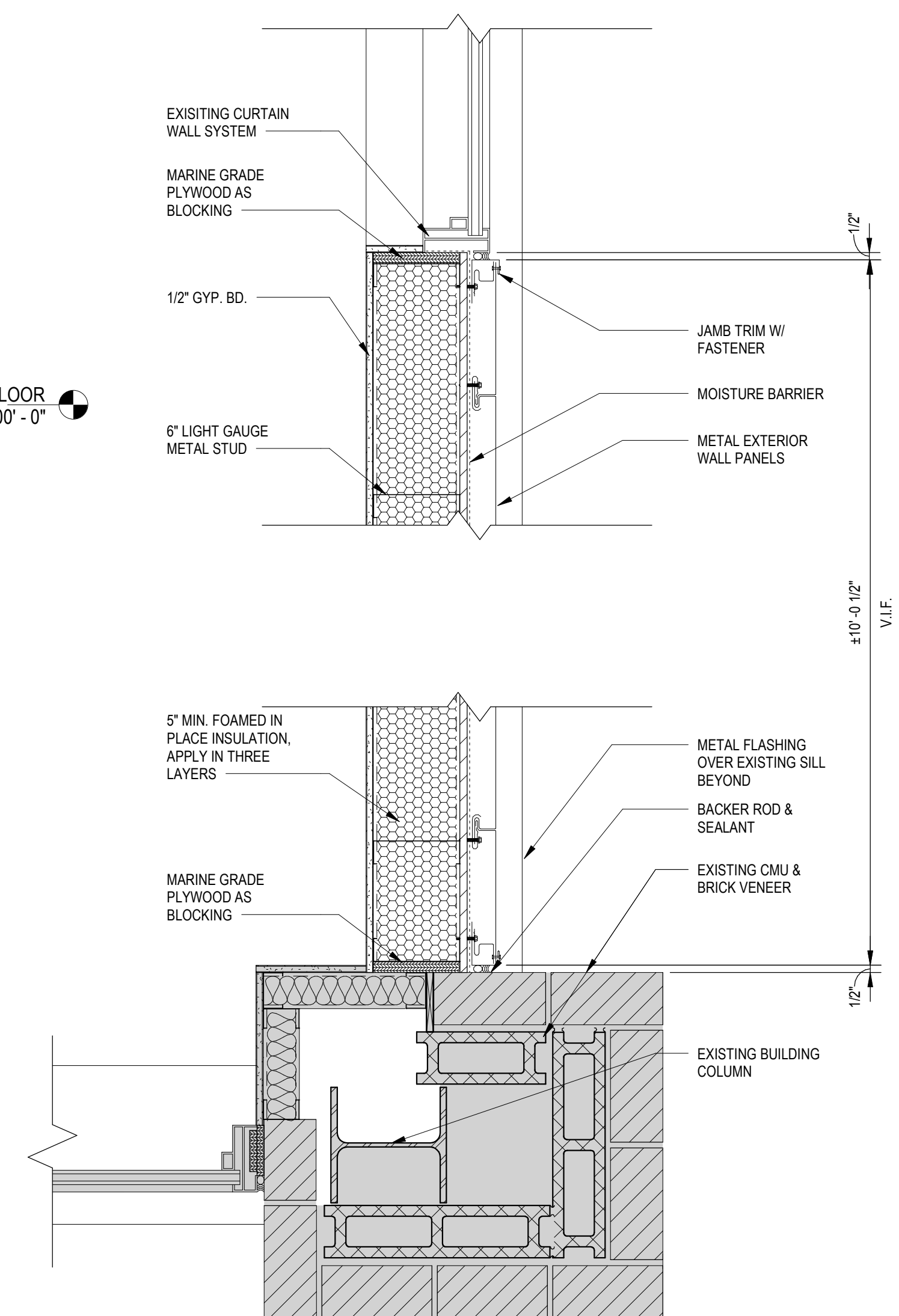
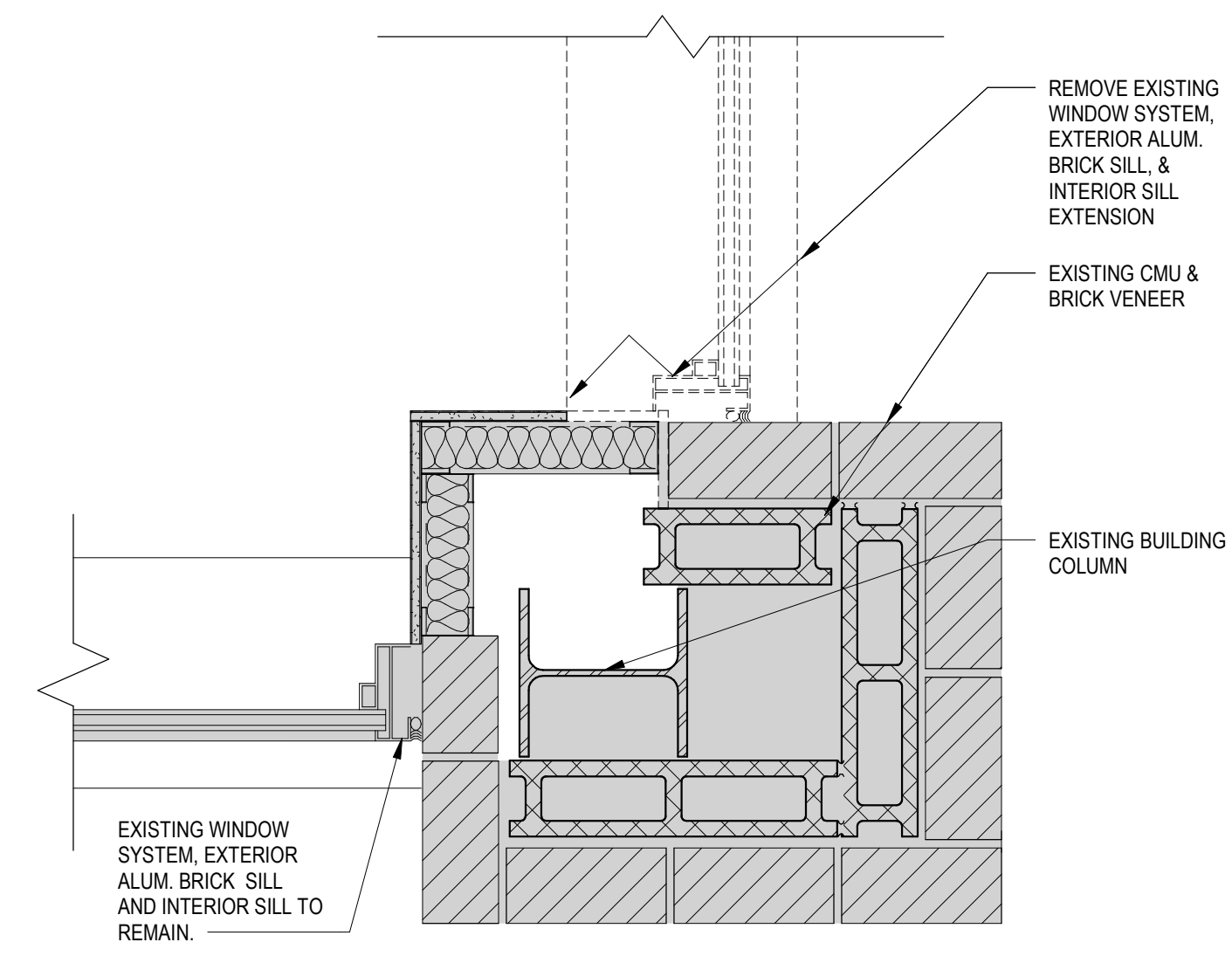
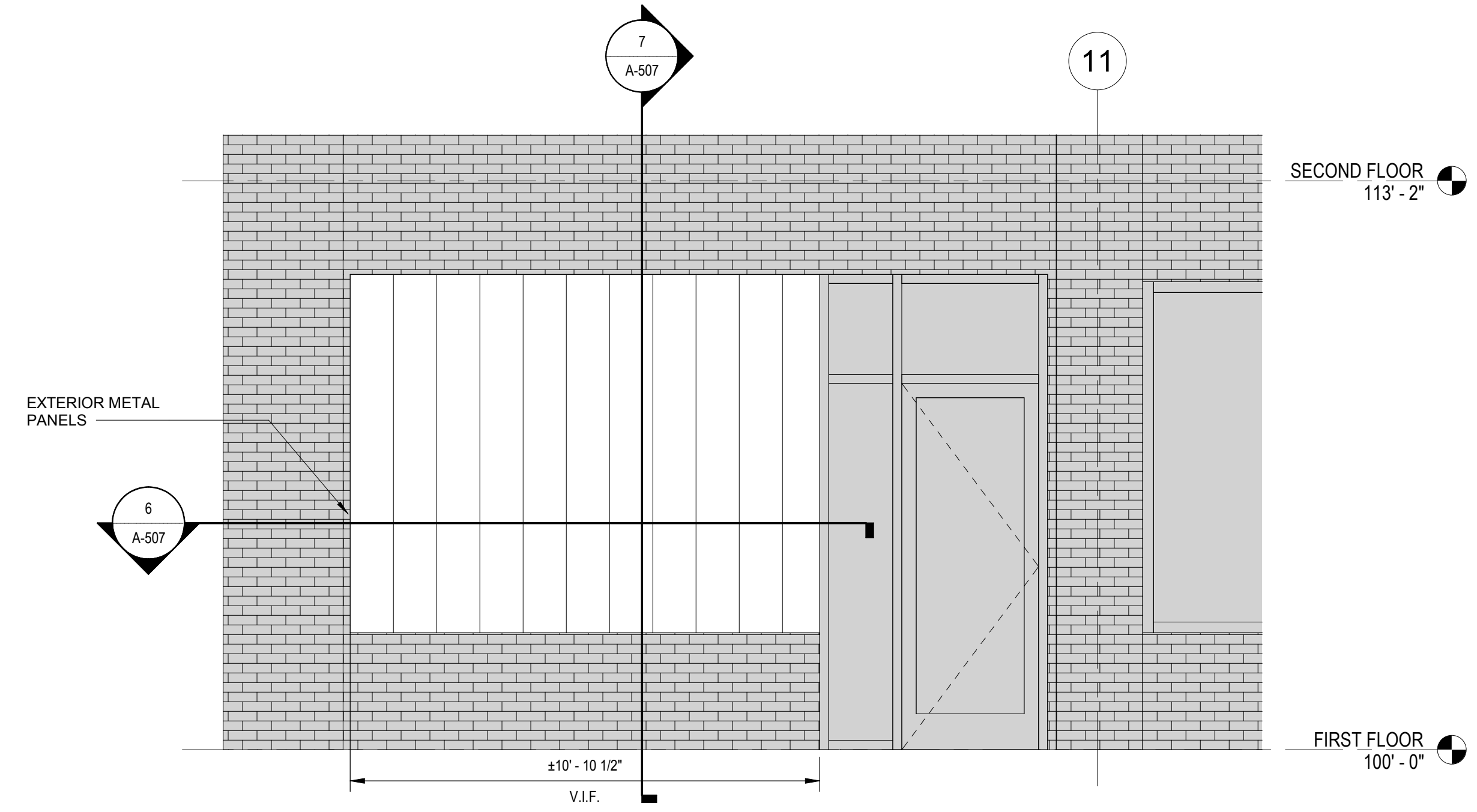
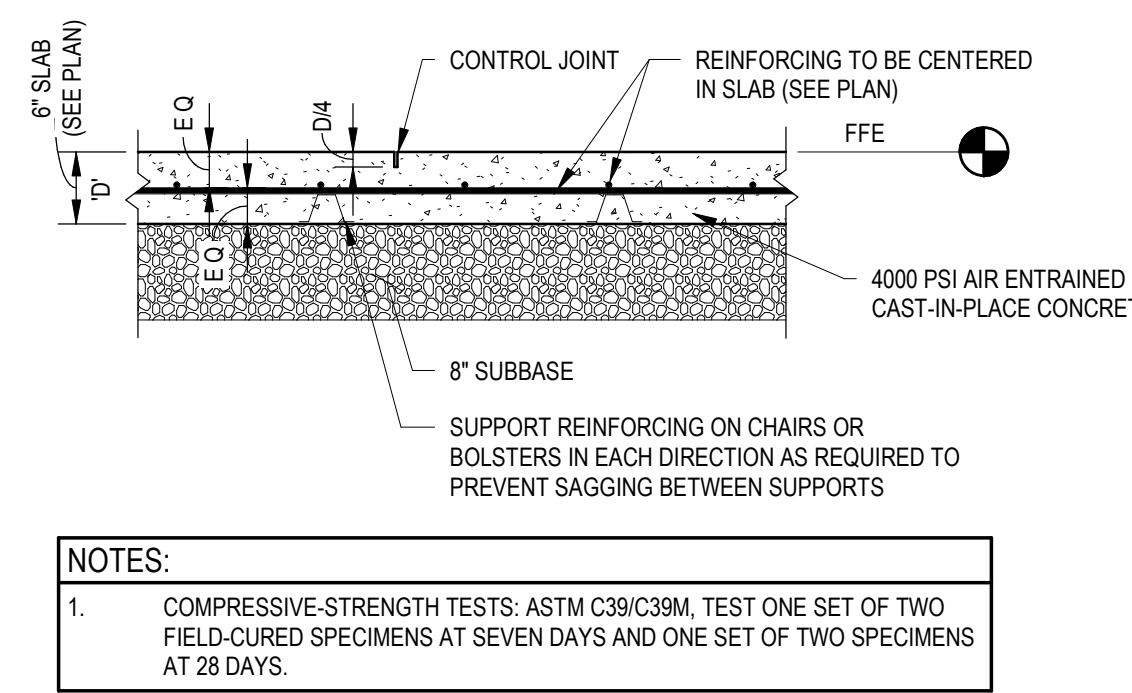
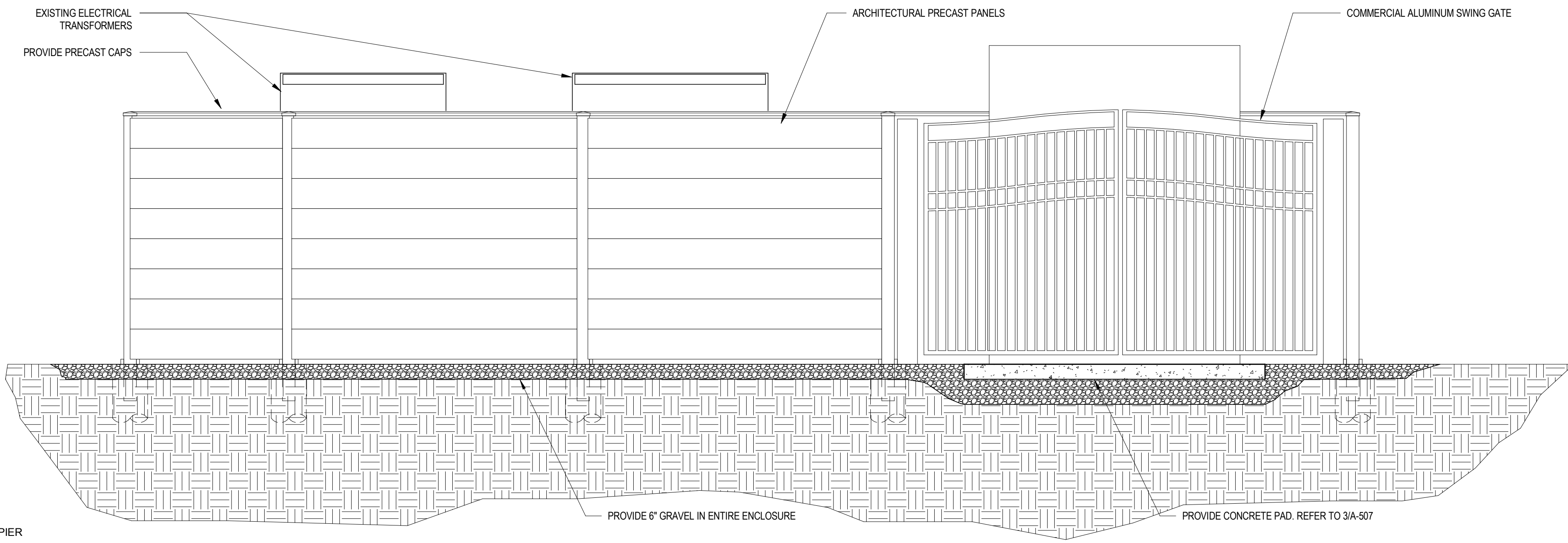
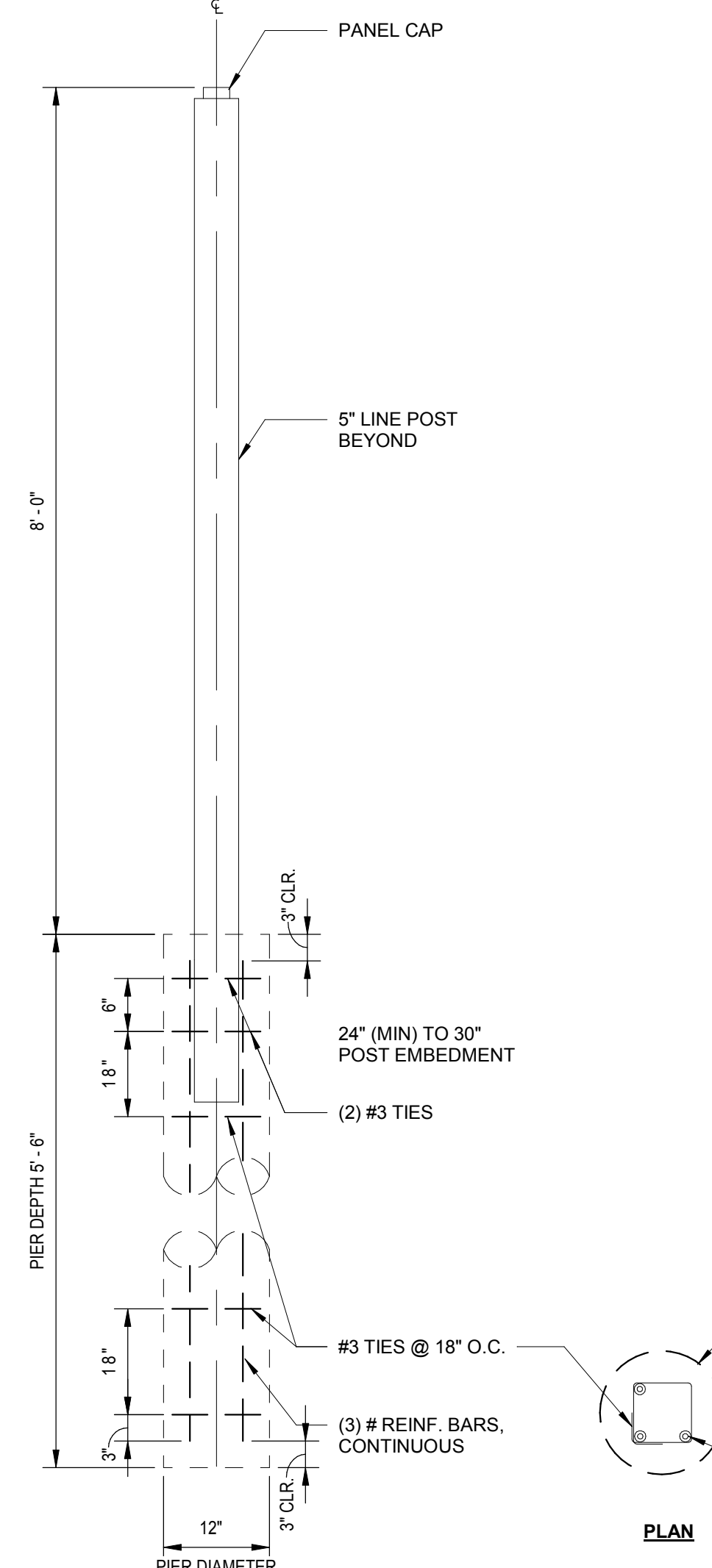
No.	Revision	Date
Project Name CITY OF ROCKVILLE		
6 TAFT COURT RENOVATION PHASE 1		
ROCKVILLE MARYLAND		
DELTA ENGINEERS, ARCHITECTS, & SURVEYORS		
8401 Connecticut Avenue, Suite 350 Chevy Chase, MD 20815 Tel: 301.718.0080 Fax: 301.718.9520 Email: mail@delta-eas.com www.delta-eas.com		

Seal: [Professional Engineer Seal]
Phase: IFB #08-22
Project No.: 2019.331.004
Date: 12/23/2021 (PERMIT REVISIONS 04/01/2022)

Drawing Title: **ATRIUM PLAN DETAILS/ MISC. DETAILS**

Drawing No.:

A-506



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
SERVICES DIVISION ARE REQUIRED FOR ON-SITE
CONSTRUCTION

Key Plan

No.	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

DELTA
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www.delta-eas.com

Seal of the State of Maryland
Professional Engineer
1388
APR 10 2022

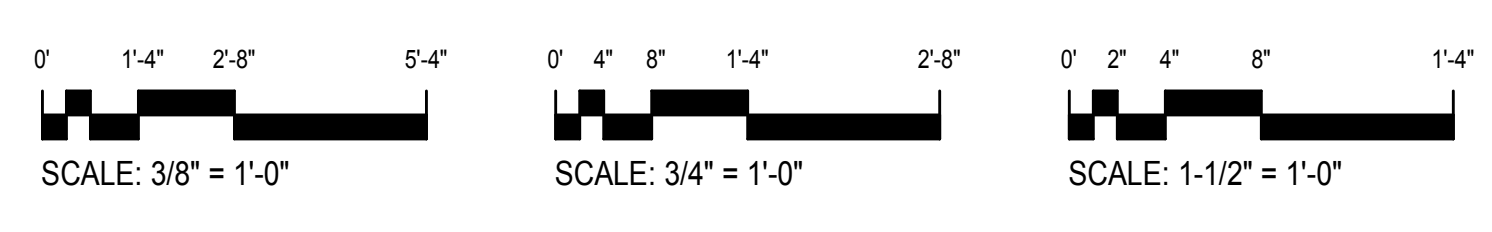
Phase
IFB #08-22

Project No.
2019.331.004

Date
12/23/2021 (PERMIT REVISIONS)
04/01/2022

Drawing Title
SITE DETAILS

Drawing No.
A-507



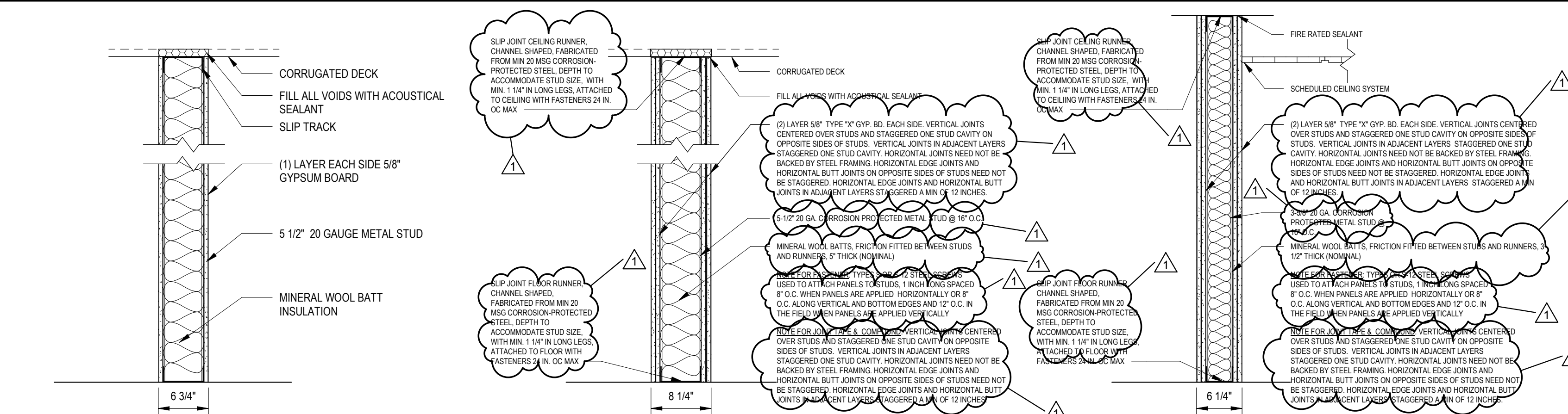


APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE SEPARATE BUILDING PERMIT FROM INSPECTION SERVICES DIVISION ARE REQUIRED FOR ON-SITE CONSTRUCTION

DOOR SCHEDULE

Table with columns: DOOR NUMBER, TO ROOM NAME, DOOR TYPE, OPENING SIZE, THICKNESS, DOOR MATERIAL, DOOR FINISH, FRAME MATERIAL, FRAME FINISH, FRAME RATING, GLASS, HEAD, JAMB, THRESHOLD, HARDWARE GROUP, COMMENTS. Lists various rooms like VESTIBULE, LOBBY, CONFERENCE, RESTROOM, etc.



1 STEEL STUD (NON-LOADBEARING) INTERIOR PARTITION

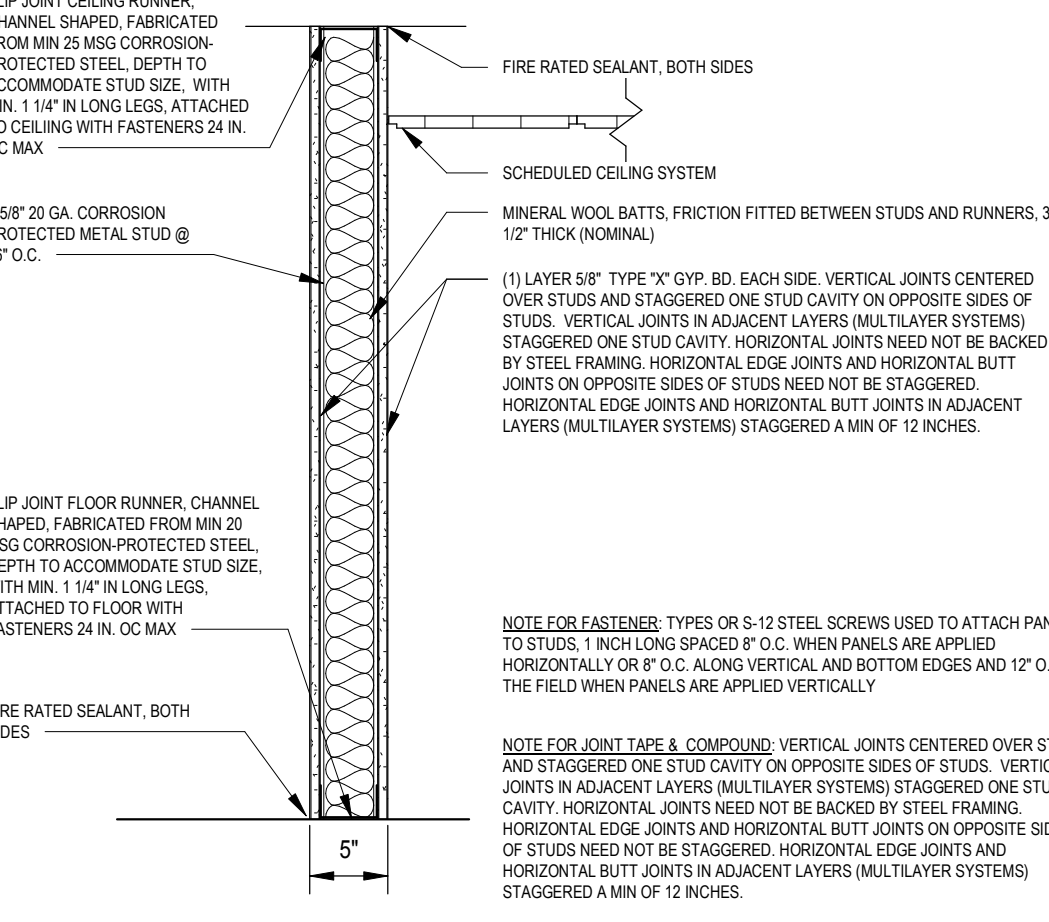
NON-RATED ASSEMBLY NOTE: SLIP JOINT CEILING RUNNER CHANNEL SHARPE...

2 STEEL STUD (NON-LOADBEARING) INTERIOR PARTITION

UL DESIGN #U419 (2HR FIRE RATED ASSEMBLY) NOTE: PROVIDE ALL MATERIALS, CONNECTORS, SEALANTS, AND ACCESSORIES AS DESCRIBED UNDER THE NOTED UL DESIGNATION

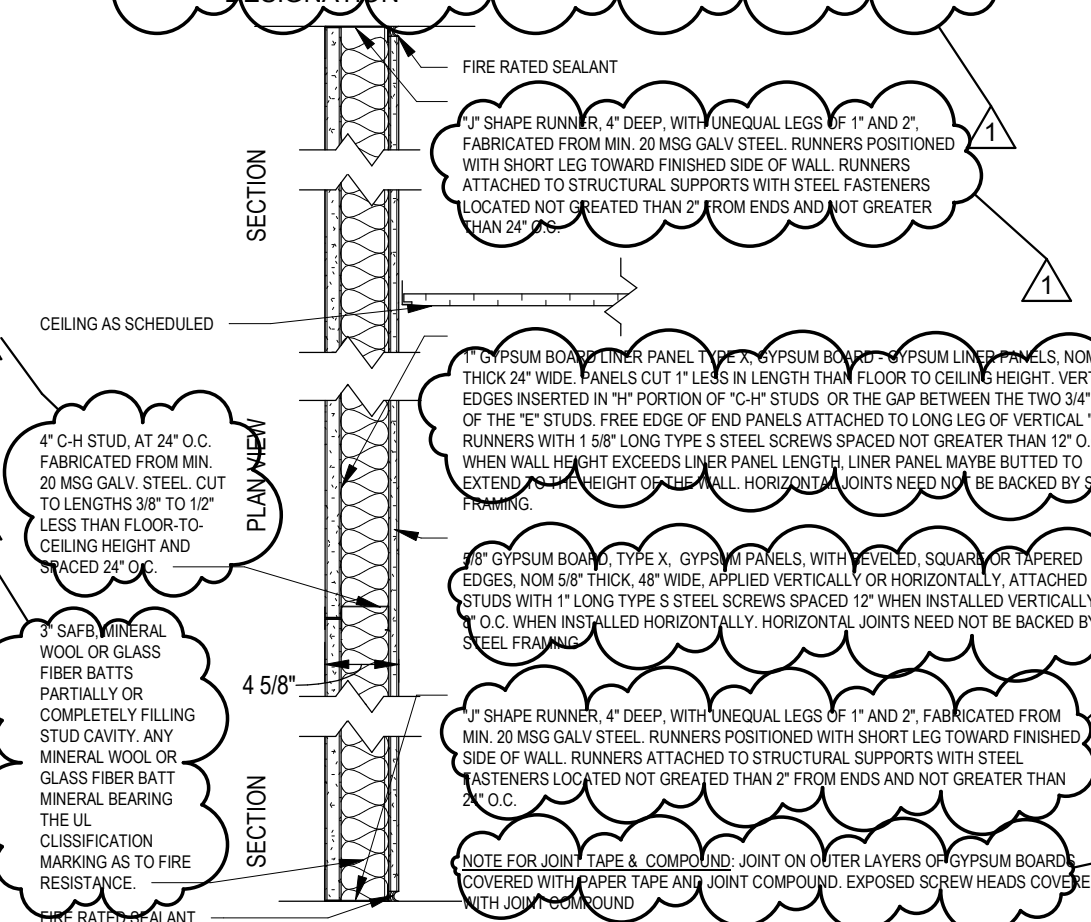
11 STEEL STUD (NON-LOADBEARING) INTERIOR PARTITION

UL DESIGN #U419 (2 HR FIRE RATED ASSEMBLY) NOTE: UL-419. PROVIDE ALL MATERIALS, CONNECTORS, SEALANTS, AND ACCESSORIES AS DESCRIBED UNDER THE NOTED UL DESIGNATION



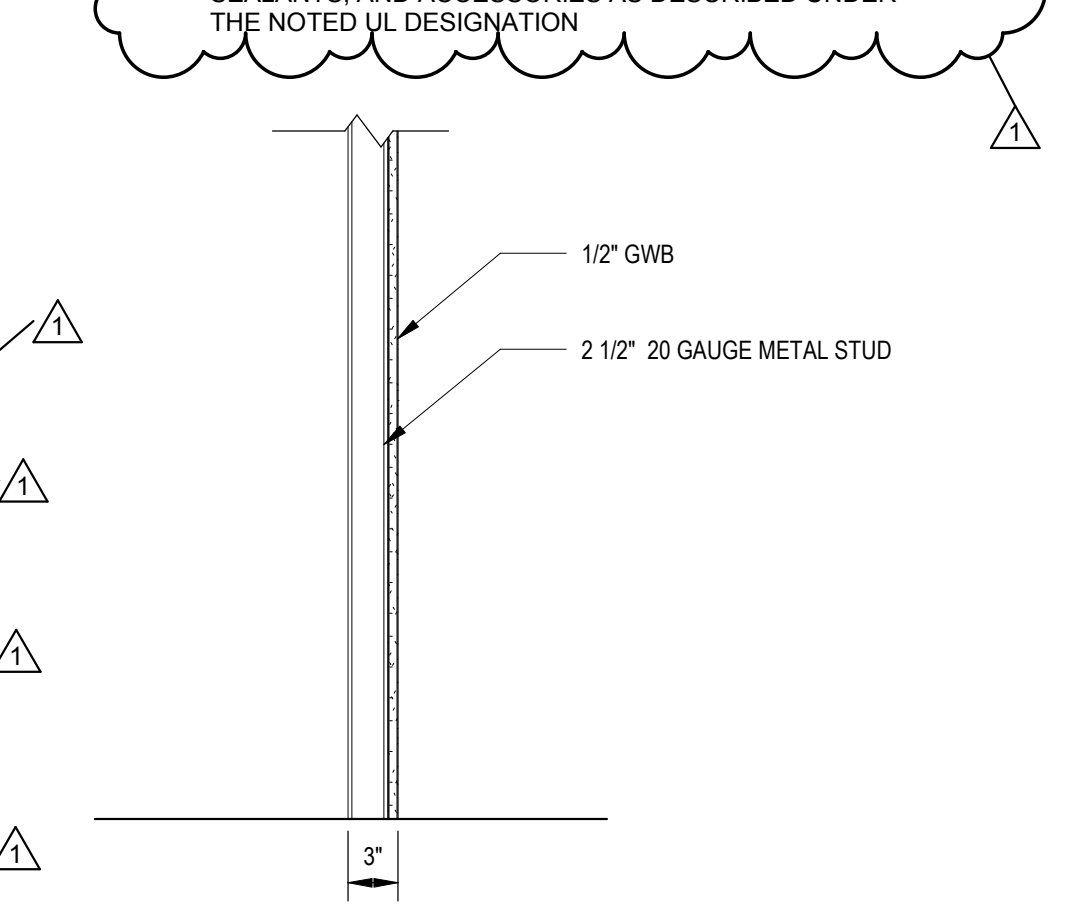
3 STEEL STUD (NON-LOADBEARING) INTERIOR PARTITION

UL DESIGN #U419 (2HR FIRE RATED ASSEMBLY) NOTE: UL-419. PROVIDE ALL MATERIALS, CONNECTORS, SEALANTS, AND ACCESSORIES AS DESCRIBED UNDER THE NOTED UL DESIGNATION



4 STEEL STUD (NON-LOADBEARING) INTERIOR PARTITION

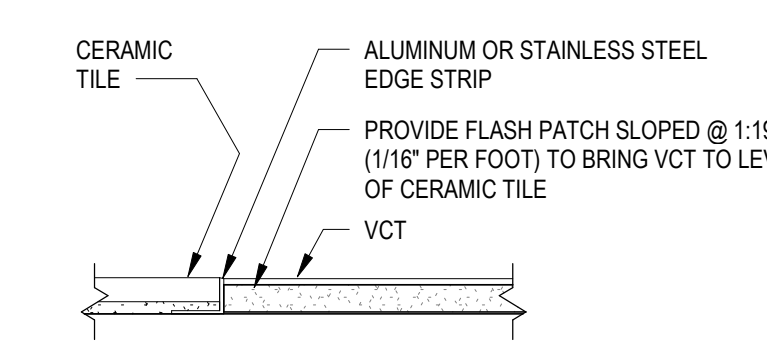
UL DESIGN #U419 (2HR FIRE RATED ASSEMBLY) NOTE: UL-419. PROVIDE ALL MATERIALS, CONNECTORS, SEALANTS, AND ACCESSORIES AS DESCRIBED UNDER THE NOTED UL DESIGNATION



12 STEEL STUD (NON-LOADBEARING) INTERIOR PARTITION

NON-RATED ASSEMBLY NOTE:

ALL TRANSITIONS HAVE BEEN DESIGNED IN COMPLIANCE WITH ADA REQUIREMENTS.



3 FLOOR TRANSITION CERAMIC TILE TO VCT

SCALE: 3\"/>

4 FLOOR TRANSITION CERAMIC TILE TO CARPET

SCALE: 3\"/>

5 FLOOR TRANSITION TILE TO CONCRETE

SCALE: 3\"/>

6 FLOOR TRANSITION CARPET TO VCT

SCALE: 3\"/>

7 FLOOR TRANSITION DETAIL EPOXY TO VCT

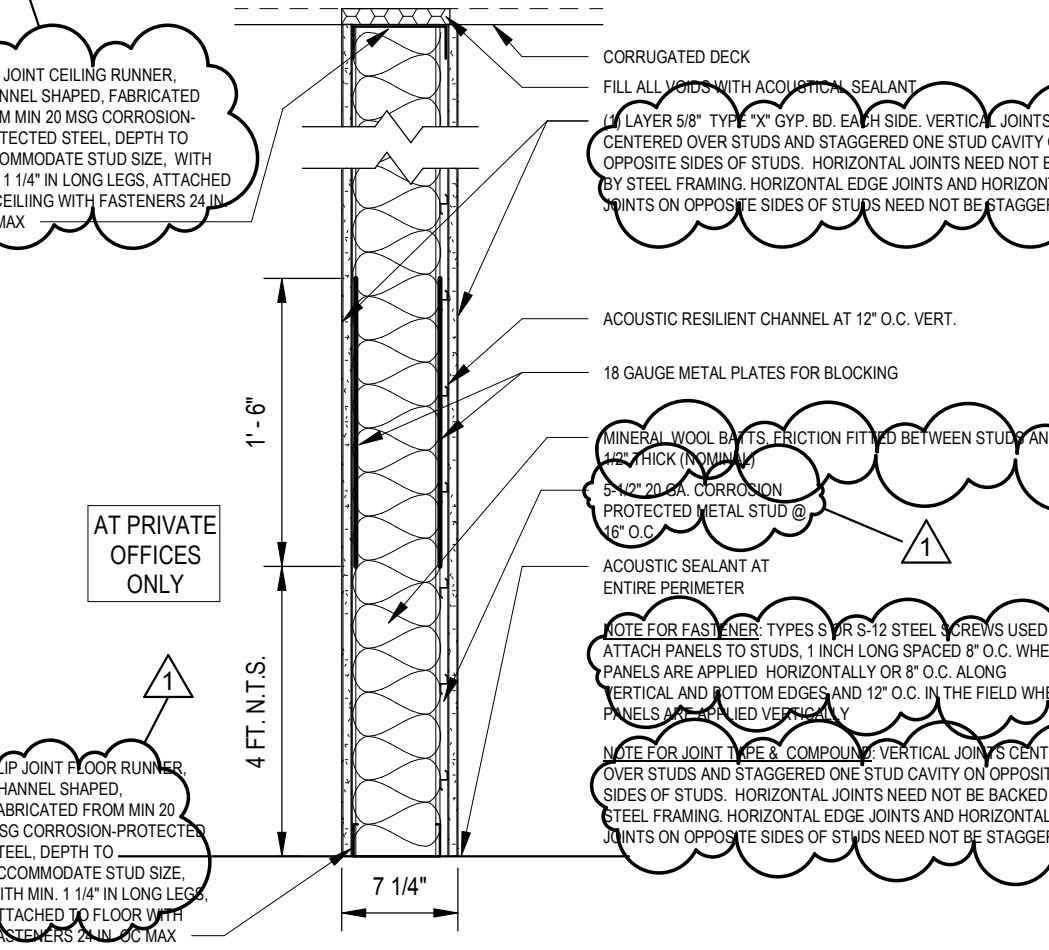
SCALE: 3\"/>

8 FLOOR TRANSITION TILE TO FITNESS FLOORING

SCALE: 3\"/>

5 STEEL STUD (NON-LOADBEARING) INTERIOR PARTITION

NON-RATED ASSEMBLY NOTE:

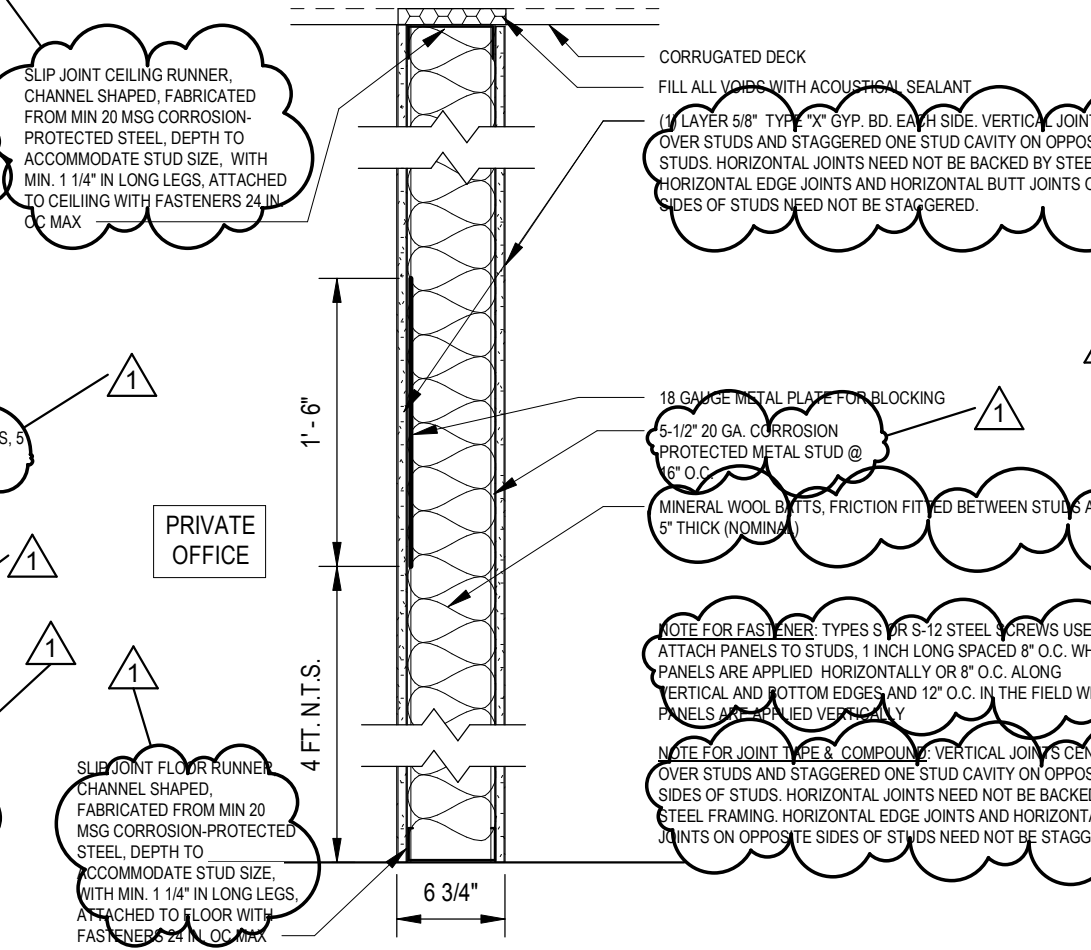


7 STEEL STUD (NON-LOADBEARING) INTERIOR PARTITION

NON-RATED ASSEMBLY NOTE: STC 50 PER UL 419. PROVIDE ALL MATERIALS, CONNECTORS, SEALANTS, AND ACCESSORIES AS DESCRIBED UNDER THE NOTED UL DESIGNATION

6 STEEL STUD (NON-LOADBEARING) INTERIOR PARTITION

NON-RATED ASSEMBLY NOTE:



8 STEEL STUD (NON-LOADBEARING) INTERIOR PARTITION

NON-RATED ASSEMBLY NOTE: STC 50 PER UL 419. PROVIDE ALL MATERIALS, CONNECTORS, SEALANTS, AND ACCESSORIES AS DESCRIBED UNDER THE NOTED UL DESIGNATION

9 STEEL STUD (NON-LOADBEARING) INTERIOR PARTITION

NON-RATED ASSEMBLY NOTE:



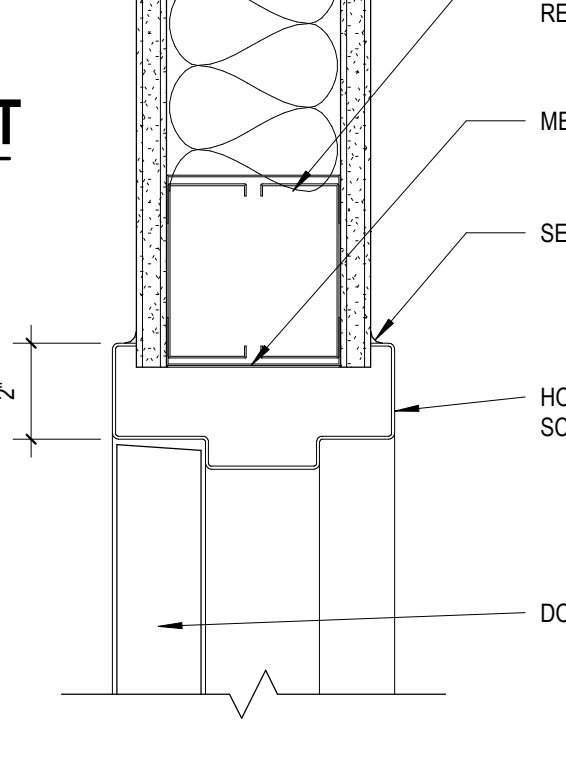
10 STEEL STUD (NON-LOADBEARING) INTERIOR PARTITION

NON-RATED ASSEMBLY NOTE:



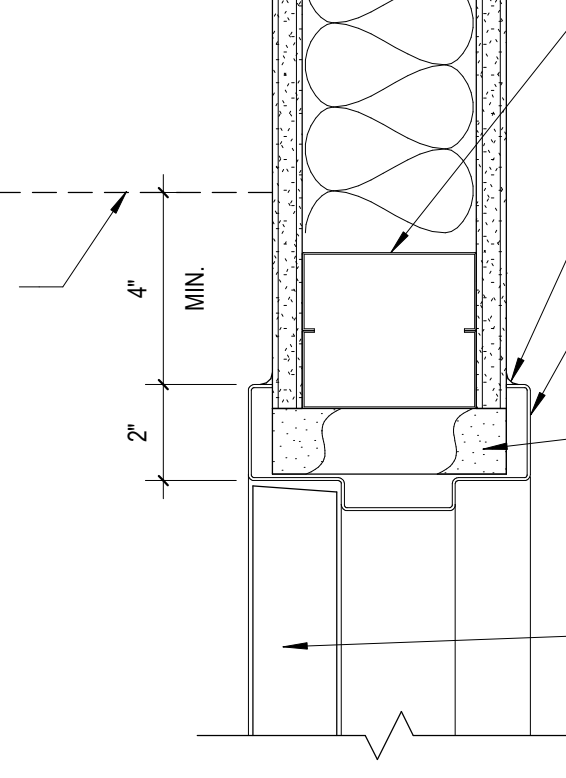
1 HEAD DETAIL

SCALE: 3\"/>



2 JAMB DETAIL

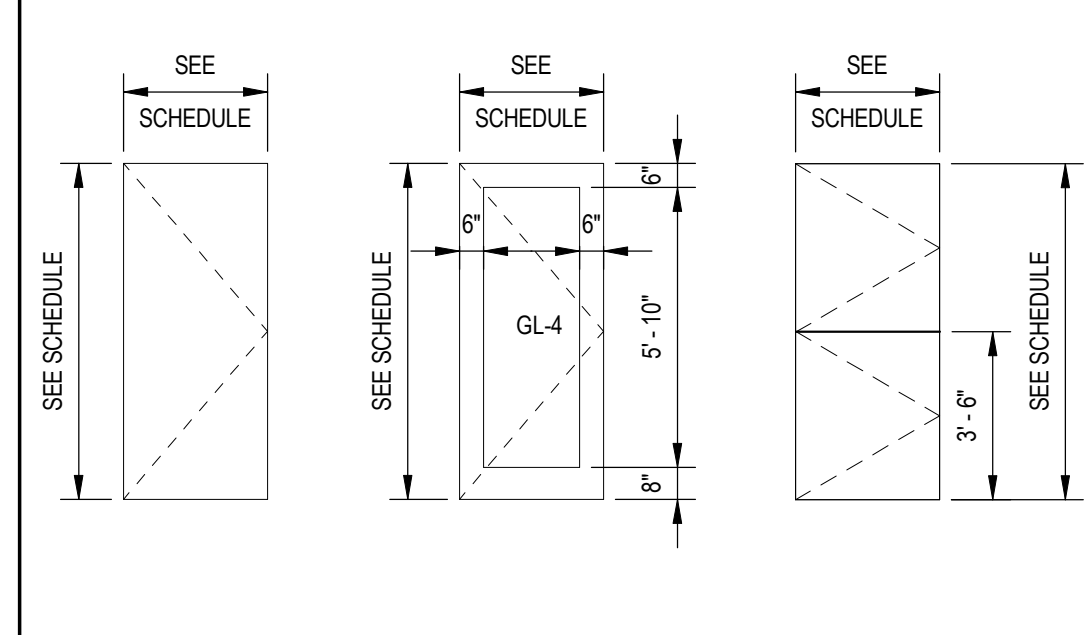
SCALE: 3\"/>



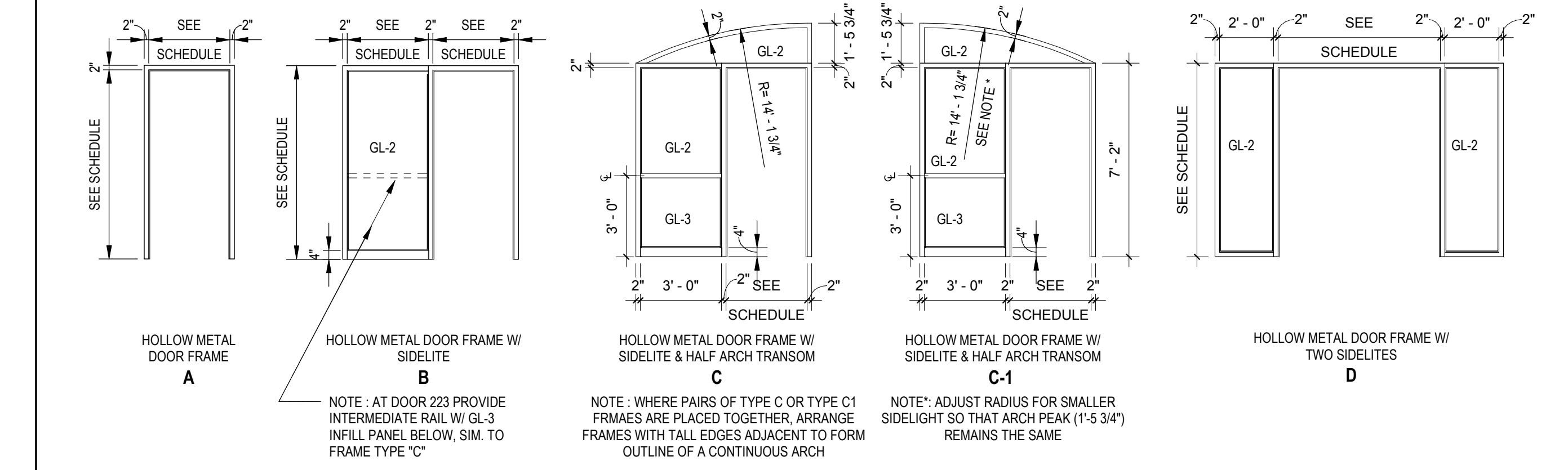
GLAZING TYPES

- IG-1: INSULATED CLEAR GLASS UNIT (EXTERIOR)
IG-2: INSULATED FROSTED GLASS UNIT (EXTERIOR)
IG-3: INSULATED CLEAR GLASS UNIT FOR USE BELOW 30\"/>

DOOR TYPE LEGEND



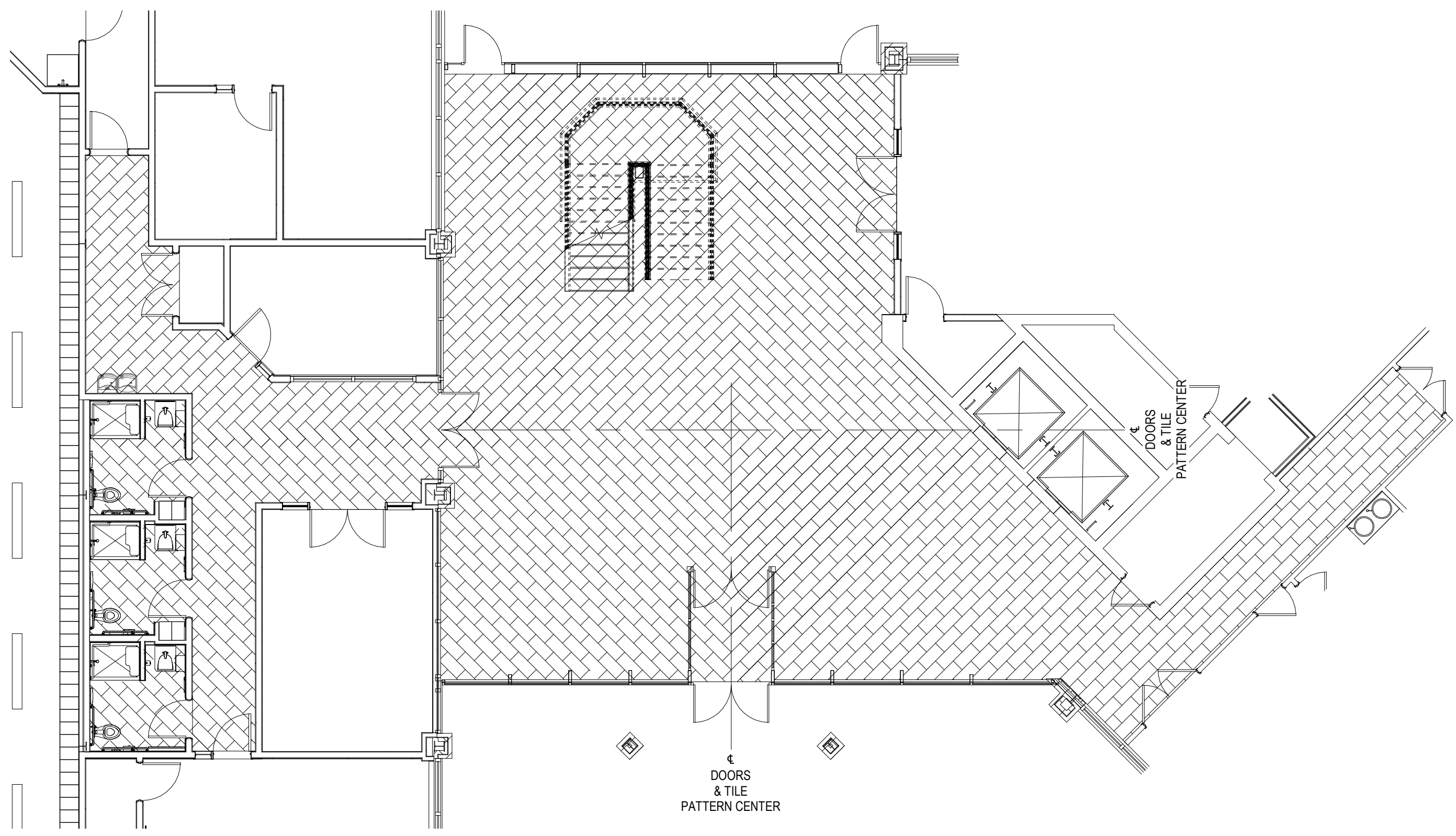
FRAME TYPE LEGEND



Project information including City of Rockville, 6 Taft Court Renovation Phase 1, Delta Engineers, Architects, & Surveyors, and permit details.

Professional seal and drawing title: DOOR SCHEDULE & WALL TYPES.

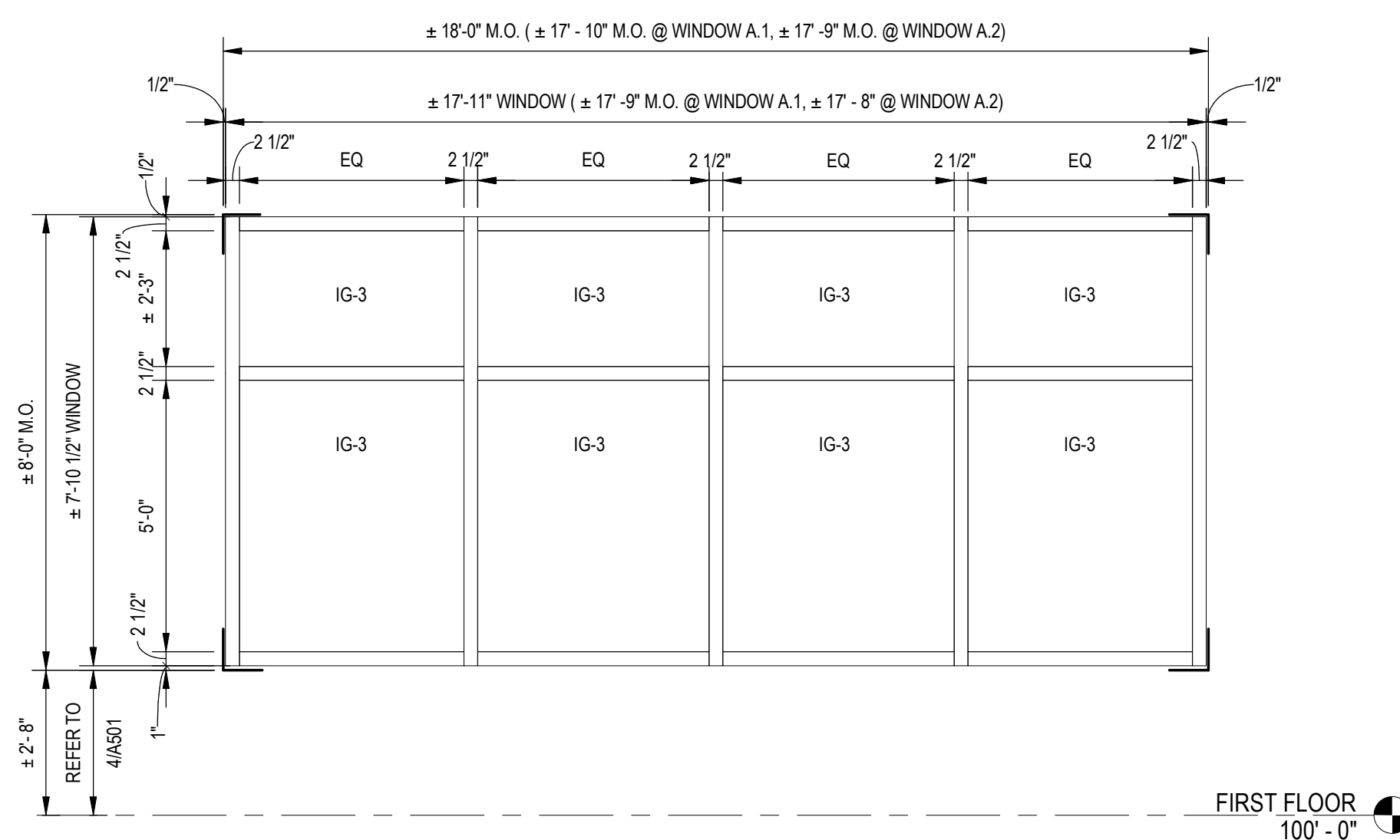
Drawing No. A-601



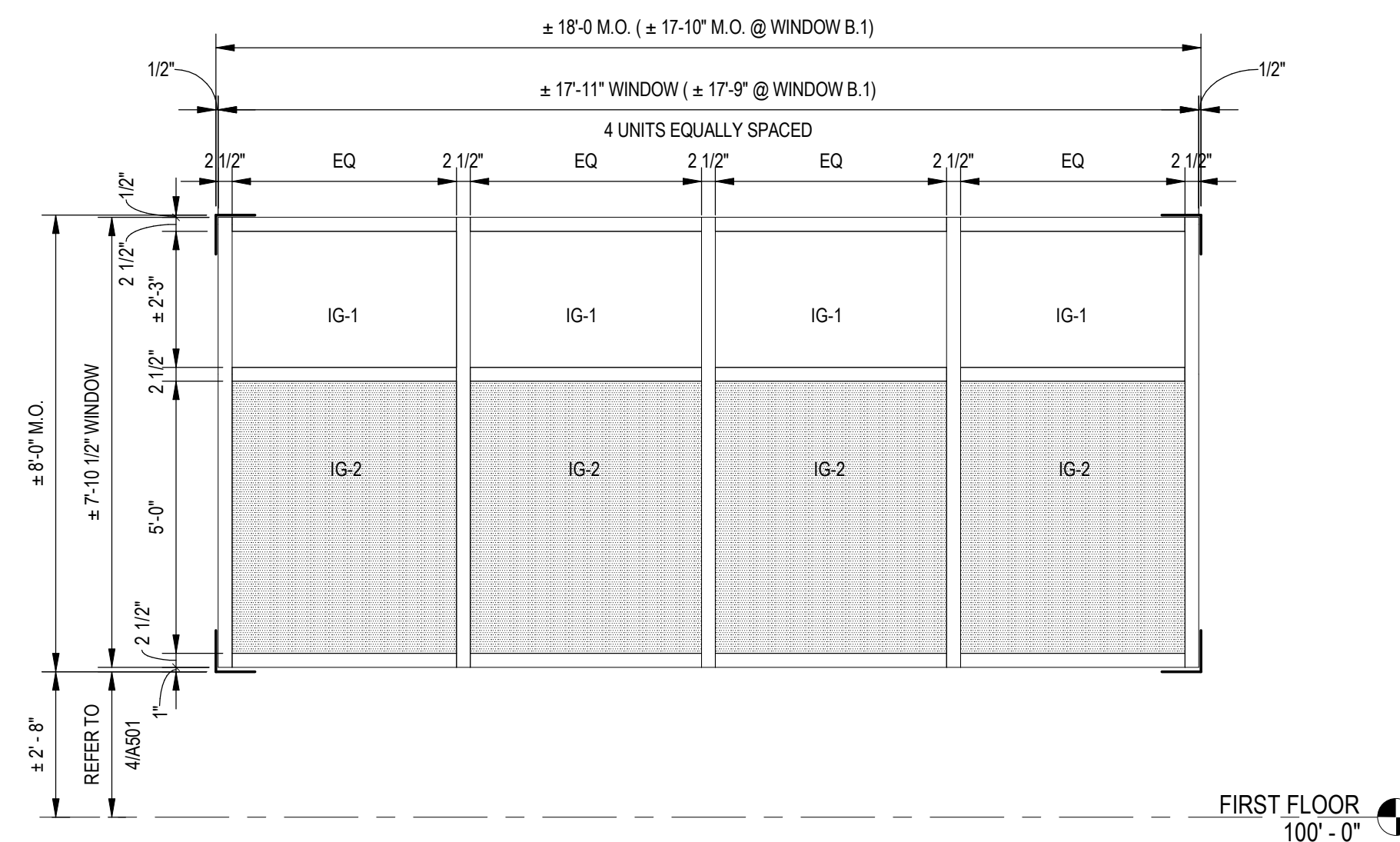
1 A-602 ATRIUM/CONFERENCE CORRIDOR TILE PATTERN PLAN
SCALE: 1/8" = 1'-0"

ROOM NUMBER	ROOM NAME	ROOM FINISH SCHEDULE												COMMENTS	
		FLOOR		BASE	WALLS				CEILING		FINISH				
		MATERIAL	FINISH		MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH			
100	VESTIBULE	CT-1	-	-	-	-	-	-	-	-	-	-	-	-	REFER TO 1602 FOR FLOOR PATTERN
101	LOBBY	CONC	CT-1	-	-	-	-	-	-	-	-	-	-	-	REFER TO 1602 FOR FLOOR PATTERN
110	FITNESS	CONC	RF-1	RB-1	GWB	PT-1	GWB	PT-3	GWB	PT-1	GWB	PT-1	GWB/ACT-1	PNT-4,ACT-1	
111	CLOSET	CONC	RF-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT-1	PNT-4,ACT-1	
120	CORRIDOR	CONC	CT-1	CT-1A	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	ACT-1	
121	SMALL CONFERENCE	CONC	PT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
122	MEDIUM CONFERENCE	CONC	PT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
123	LARGE CONFERENCE	CONC	PT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
125	GENDER NEUTRAL RESTROOM	CONC	CT-1	CT-2	GWB/TBB	CT-2.3.4 & PNT-1	GWB/TBB	CT-2.3.4 & PNT-1	GWB/TBB	CT-2.3.4 & PNT-1	GWB	CT-2.3.4 & PNT-1	ACT-2	ACT-2	REFER TO INT. ELEV. FOR TILE PATTERN/REFER TO 1A602 FOR FLOOR PATTERN
126	GENDER NEUTRAL RESTROOM	CONC	CT-1	CT-2	GWB/TBB	CT-2.3.4 & PNT-1	GWB/TBB	CT-2.3.4 & PNT-1	GWB/TBB	CT-2.3.4 & PNT-1	GWB	CT-2.3.4 & PNT-1	ACT-2	ACT-2	REFER TO INT. ELEV. FOR TILE PATTERN/REFER TO 1A602 FOR FLOOR PATTERN
127	GENDER NEUTRAL RESTROOM	CONC	CT-1	CT-2	GWB/TBB	CT-2.3.4 & PNT-1	GWB/TBB	CT-2.3.4 & PNT-1	GWB/TBB	CT-2.3.4 & PNT-1	GWB	CT-2.3.4 & PNT-1	ACT-2	ACT-2	REFER TO INT. ELEV. FOR TILE PATTERN/REFER TO 1A602 FOR FLOOR PATTERN
128	ELECTRICAL	CONC	SEALED	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	-	
130	CORRIDOR	CONC	VCT-1.2	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	ACT-1	REFER TO ENLARGE PLANS FOR FLOOR PATTERN
131	BREAK ROOM	CONC	VCT-1.2	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	ACT-1	REFER TO ENLARGE PLANS FOR FLOOR PATTERN
132	UNION OFFICE	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	ACT-1	
134	JANITOR UTILITY	CONC	SEALED	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	-	
140	PUBLIC WORKS	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	ACT-1	
141	CREW SUPERVISOR I	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	PNT-4,ACT-1	
142	CREW SUPERVISOR I	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	PNT-4,ACT-1	
143	CREW SUPERVISOR I	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	ACT-1	
144	CREW SUPERVISOR I	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	ACT-1	
145	CREW SUPERVISOR I	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	PNT-4,ACT-1	
146	CREW SUPERVISOR I	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	PNT-4,ACT-1	
147	CREW SUPERVISOR I	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	PNT-4,ACT-1	
148	CREW SUPERVISOR I	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	PNT-4,ACT-1	
149	CREW SUPERVISOR I	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	PNT-4,ACT-1	
150	CREW SUPERVISOR I	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	PNT-4,ACT-1	
152	IT CLOSET	CONC	VCT-3	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT-1	PT-1,ACT-1	
152.1	STORAGE	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT-1	PT-1,ACT-1	
168	MEETINGS / EVALUATION	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	ACT-1	
169	LOOKER	CONC	VCT-1.2	CT-2	GWB/TBB	CT-2.3.4 & PNT-1	GWB/TBB	CT-2.3.4 & PNT-1	GWB/TBB	CT-2.3.4 & PNT-1	GWB/TBB	CT-2.3.4 & PNT-1	GWB/ACT-1	PNT-4,ACT-2	REFER TO ENLARGE PLANS FOR FLOOR PATTERN
171	RESTROOM / SHOWER	CONC	EPY-1	EPY-1 COVE	GWB/TBB	CT-2.3.4 & PNT-1	GWB/TBB	CT-2.3.4 & PNT-1	GWB/TBB	CT-2.3.4 & PNT-1	GWB/TBB	CT-2.3.4 & PNT-1	GWB/ACT-1	PNT-4,ACT-2	
172	RECREATION & PARKS	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT-1	PNT-4,ACT-1	
173	VESTIBULE	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
190	VESTIBULE	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	ACT-1	
191	MECH	CONC	SEALED	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	-	
201	LOBBY	CONC	CT-1	N/A	-	-	-	-	-	-	-	-	GWB	PT-4	
220	CORRIDOR	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
221	HR SATELLITE	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
222	FACILITIES PROPERTY MANAGER	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
223	PARKS MAINTENANCE SPECIALIST	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
224	HORTICULTURIST	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
225	CITY FORESTER	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
226	PARKS MAINTENANCE MANAGER	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
227	PARKS MAINTENANCE MANAGER	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
228	SUPERINTENDENT OF PARKS & FACILITIES	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
229	PARKS & FACILITIES MANAGER	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
230	ADMIN SPECIALIST	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
231	ADMIN ASSISTANT	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
233	COPY / STORAGE	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
233	JANITOR	CONC	SEALED	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	-	
234	GENDER NEUTRAL RESTROOM	CONC	CT-3	CT-2	GWB	CT-2.3.4 & PNT-1	GWB	CT-2.3.4 & PNT-1	GWB	CT-2.3.4 & PNT-1	GWB	CT-2.3.4 & PNT-1	GWB/ACT-1	PNT-4,ACT-2	
235	GENDER NEUTRAL RESTROOM	CONC	CT-3	CT-2	GWB	CT-2.3.4 & PNT-1	GWB	CT-2.3.4 & PNT-1	GWB	CT-2.3.4 & PNT-1	GWB	CT-2.3.4 & PNT-1	GWB/ACT-1	PNT-4,ACT-2	
236	GENDER NEUTRAL RESTROOM	CONC	CT-3	CT-2	GWB	CT-2.3.4 & PNT-1	GWB	CT-2.3.4 & PNT-1	GWB	CT-2.3.4 & PNT-1	GWB	CT-2.3.4 & PNT-1	GWB/ACT-1	PNT-4,ACT-2	
237	GENDER NEUTRAL RESTROOM	CONC	CT-3	CT-2	GWB	CT-2.3.4 & PNT-1	GWB	CT-2.3.4 & PNT-1	GWB	CT-2.3.4 & PNT-1	GWB	CT-2.3.4 & PNT-1	GWB/ACT-1	PNT-4,ACT-2	
238	BREAK ROOM	CONC	VCT-1.1	RB-1	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT-1	ACT-1	
239	STORAGE	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	ACT-1	
240	IT SERVER	CONC	VCT-3	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	-	
241	STORAGE	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	ACT-1	
242	IT SATELLITE	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	ACT-1	
243	ELEC	CONC	SEALED	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	-	
250	OPERATIONS MAINTENANCE ASSISTANT SUPERINTENDENT	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
251	OPERATIONS MAINTENANCE ASSISTANT SUPERINTENDENT	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
252	OPERATIONS MAINTENANCE ASSISTANT SUPERINTENDENT	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
253	ADMIN ASSISTANT	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
254	ADMIN SPECIALIST	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
255	SECRETARY	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
256	OPERATIONS MAINTENANCE SUPERINTENDENT	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
257	RECYCLING AND REFUSE SUPERINTENDENT	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
258	COPY/STORAGE	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
260	DISPATCH OPERATOR	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
261	CONFERENCE / PIO / M&C / MEDIA	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
262	EOC MANAGER	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
263	EOC	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
264	TRAINING	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB/ACT	PNT-4,ACT-1	
265	POLICE DISPATCH	CONC	CPT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT-1	ACT-1	
301	LOBBY	CONC	CT-1	N/A	-	-	-	-	-	-	-	-	-	-	
S101	STAIR 1	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	-	
S102	STAIR 1	CONC	VCT-1	RB-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	-	-	

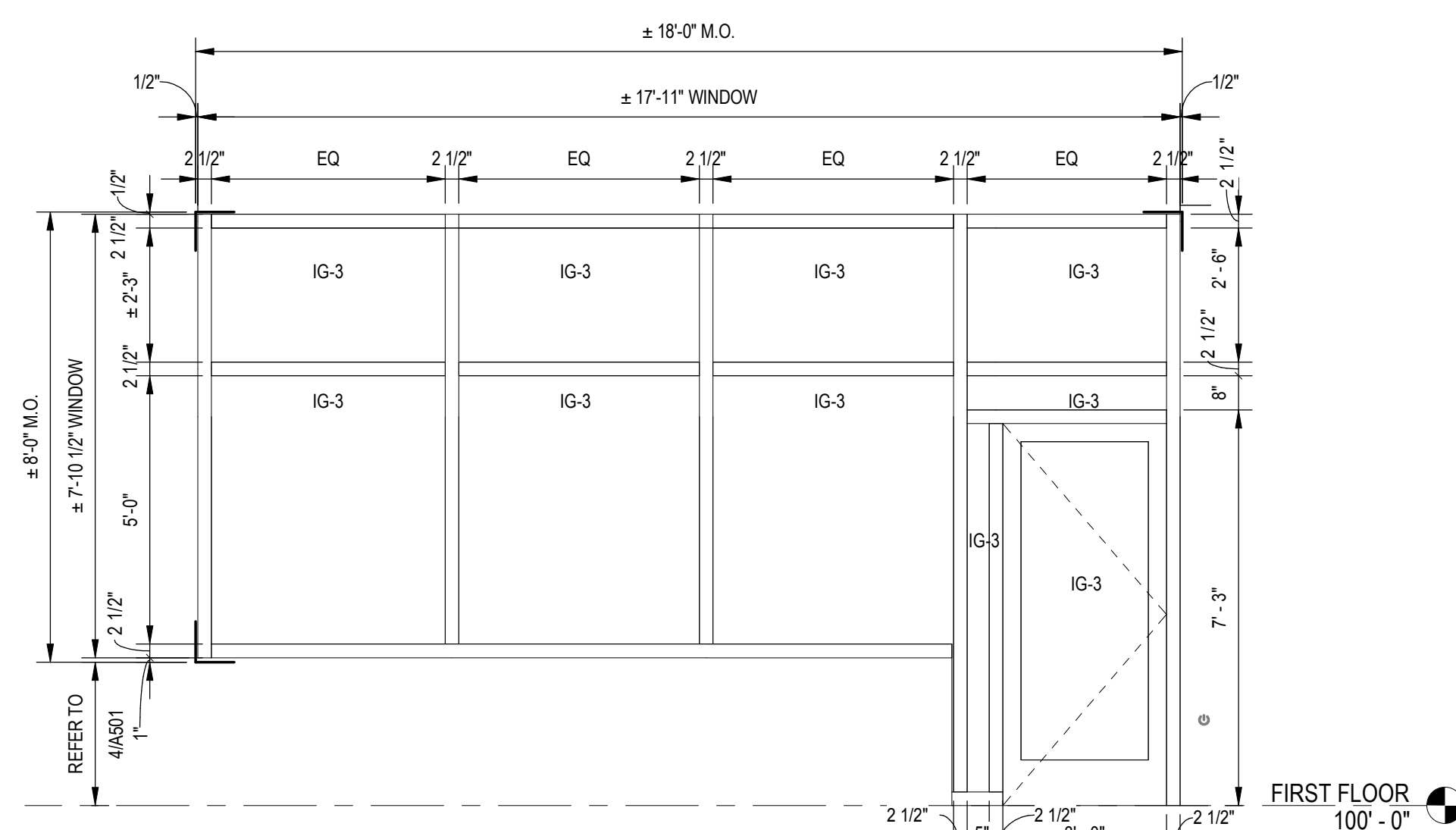
WINDOW SCHEDULE											
WINDOW TAG	TYPE	ROUGH OPENING		FRAME		DETAIL					COMMENTS
		WIDTH	HEIGHT	FRAME MATERIAL	FRAME FINISH	HEAD	JAMB	SILL	THICKNESS	TYPE	
12	Fixed	5'-0"	1'-6"	ALUMINUM	P						



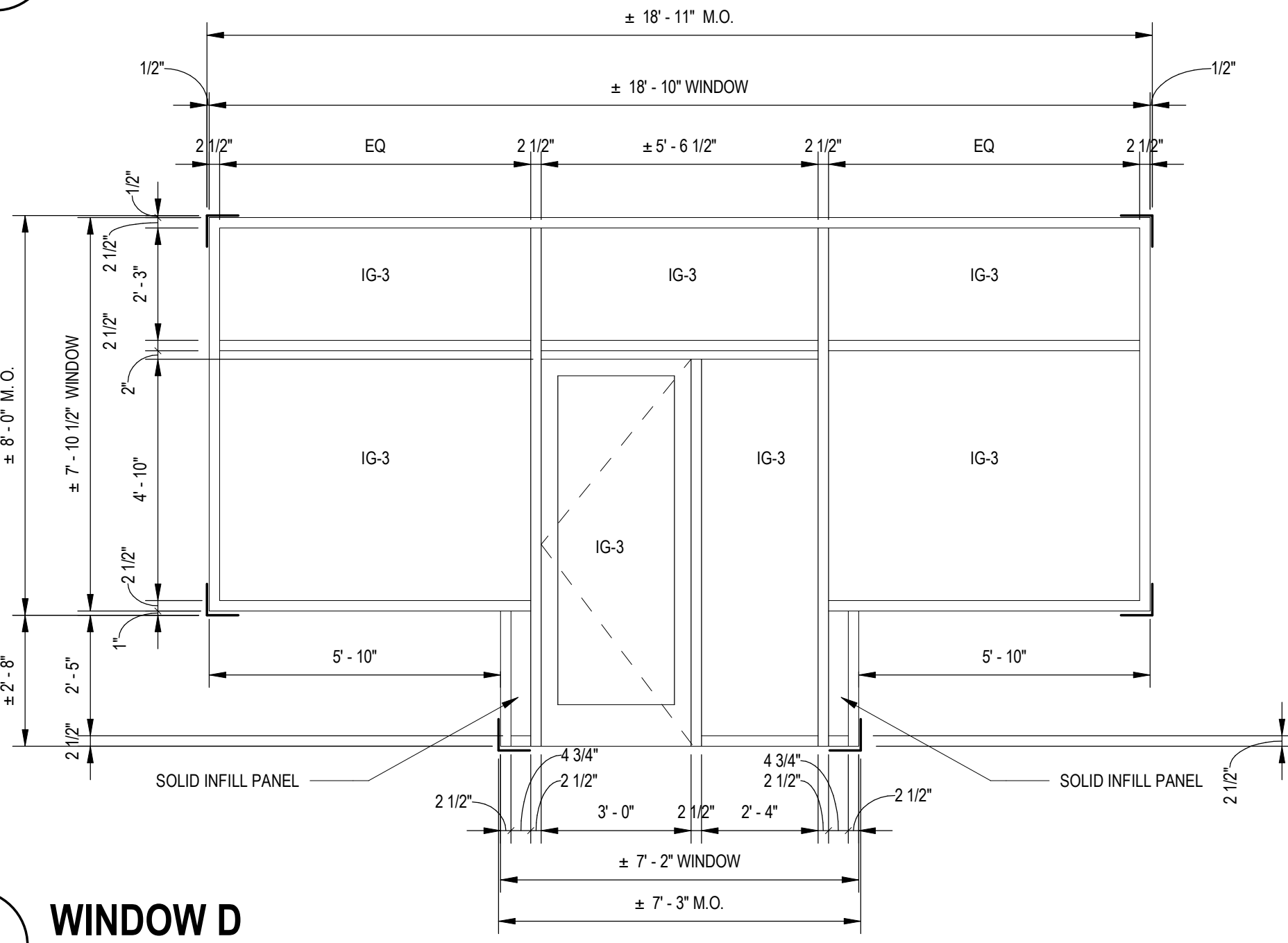
1 WINDOW A, A.1, A.2
SCALE: 3/8" = 1'-0"



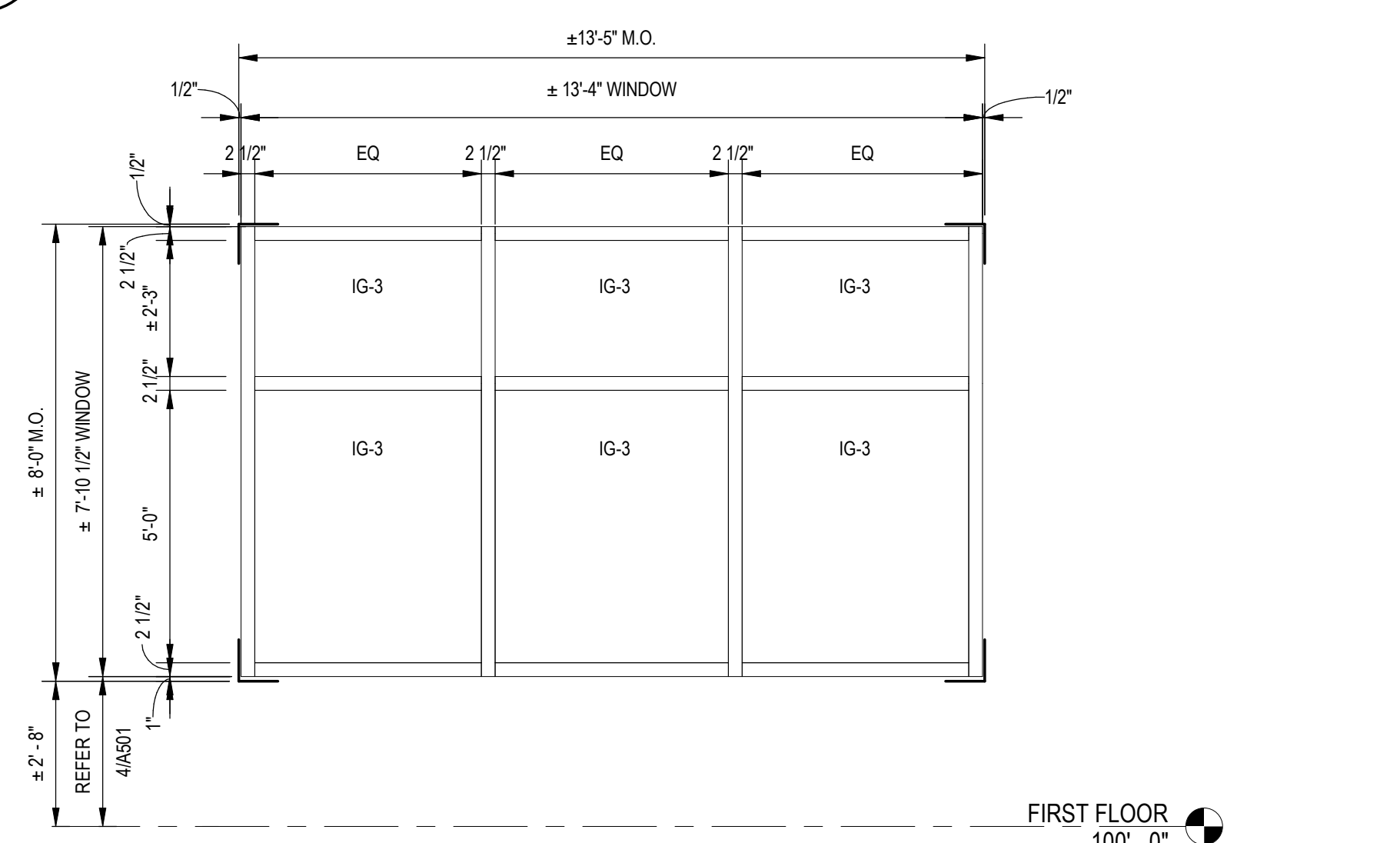
2 WINDOW B & B.1
SCALE: 3/8" = 1'-0"



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

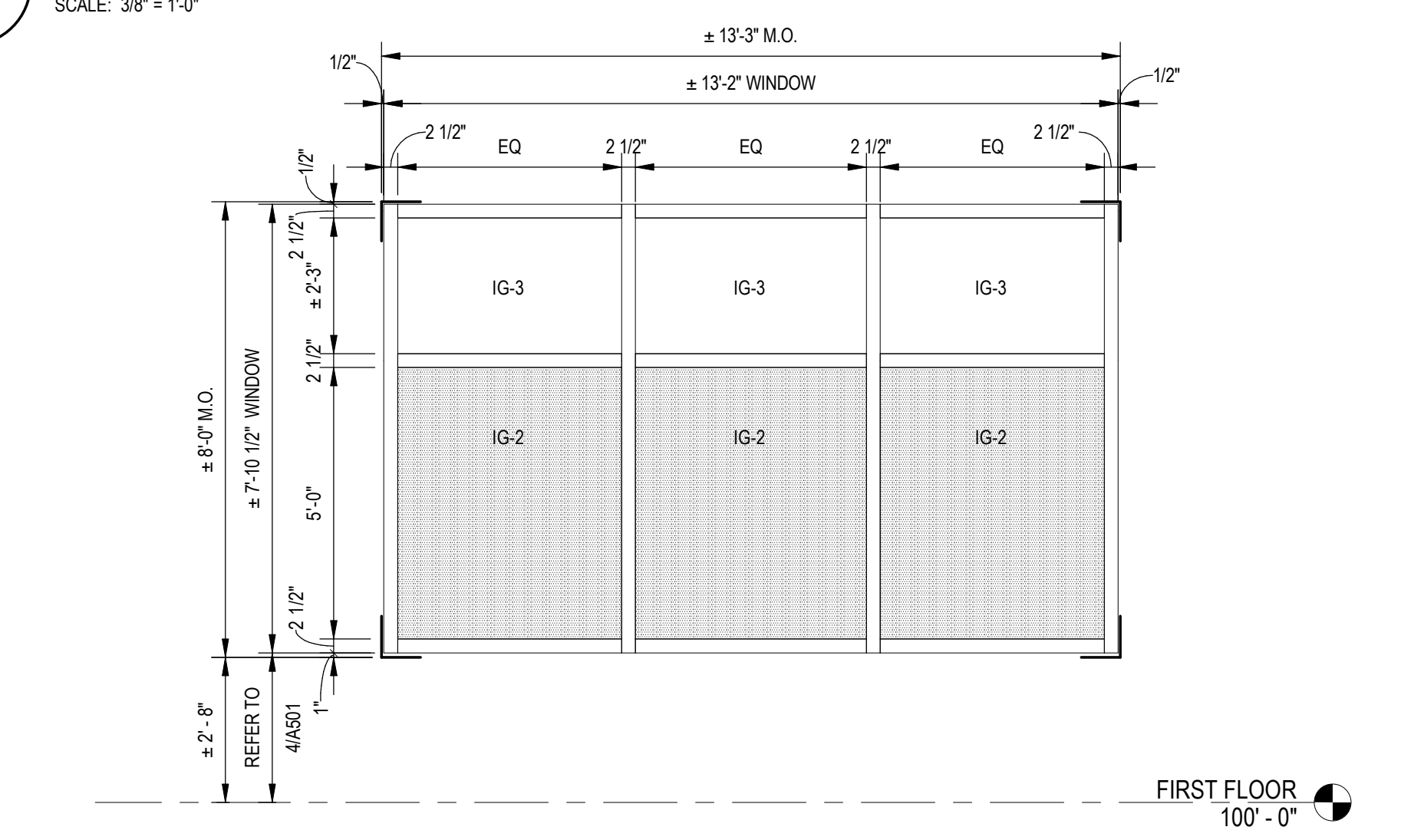


4 WINDOW D
SCALE: 3/8" = 1'-0"

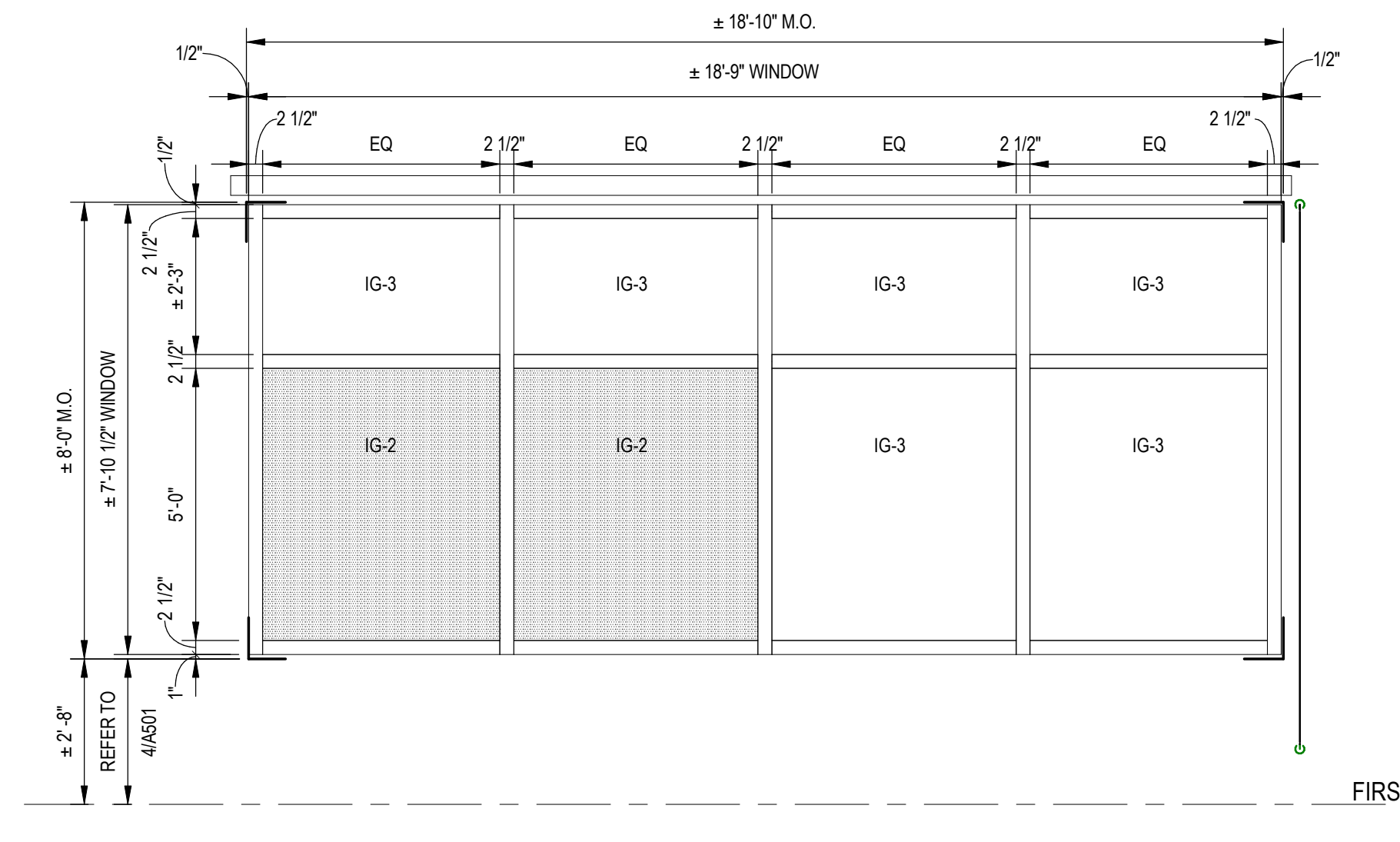


5 WINDOW E
SCALE: 3/8" = 1'-0"

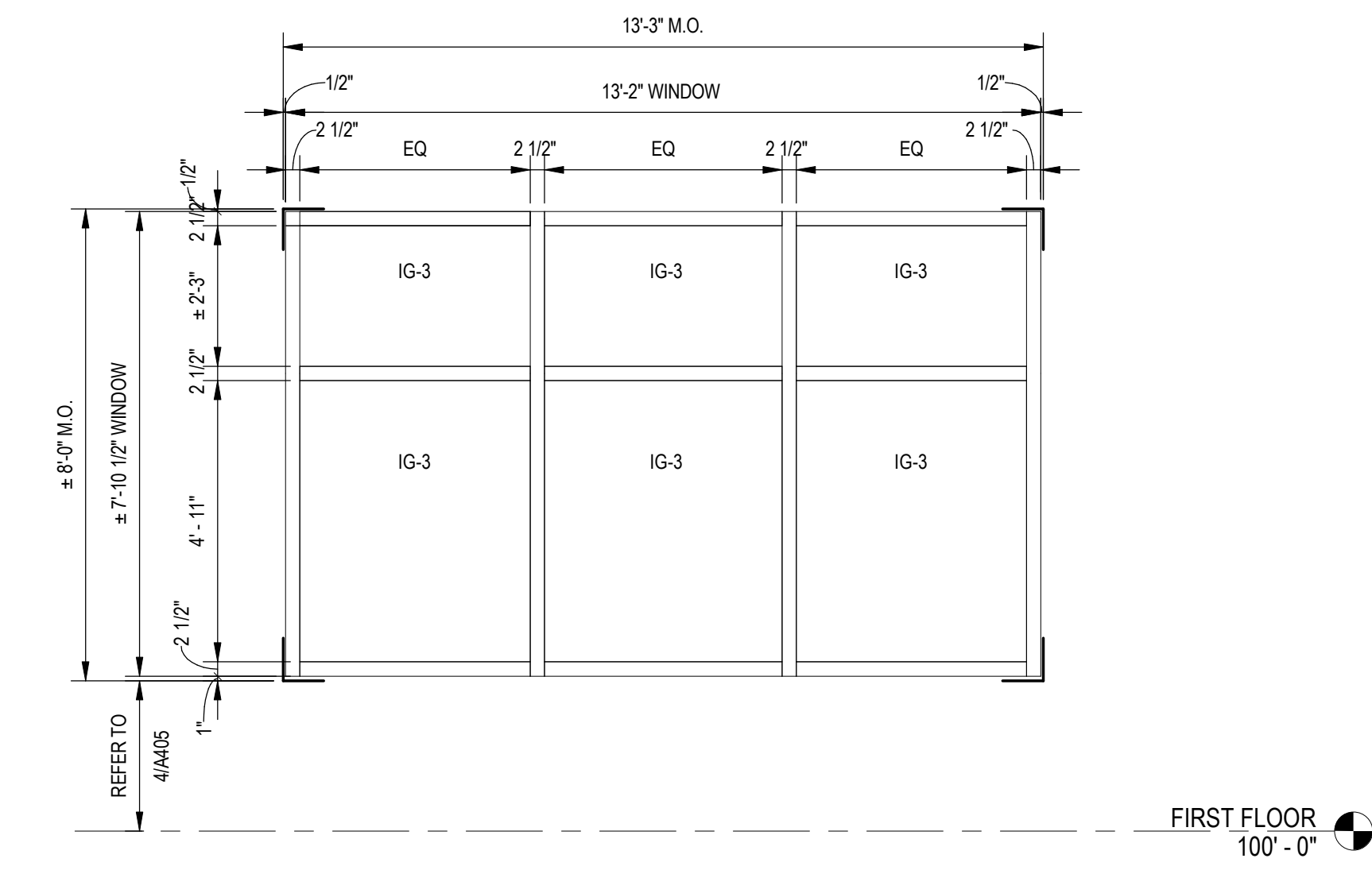
GLAZING TYPES	
IG-1	INSULATED CLEAR GLASS UNIT (EXTERIOR)
IG-2	INSULATED FROSTED GLASS UNIT (EXTERIOR)
IG-3	INSULATED CLEAR GLASS UNIT FOR USE BELOW 30' AND ADJACENT TO DOORS (EXTERIOR)
GL-1	ACOUSTIC CLEAR GLASS UNIT (INTERIOR)
GL-2	ACOUSTIC CLEAR GLASS UNIT FOR USE BELOW 30' AND ADJACENT TO DOORS (INTERIOR)
GL-3	ACOUSTIC FROSTED GLASS UNIT (INTERIOR)
GL-4	LAMINATED GLASS UNIT FOR WOOD DOORS AND INTERIOR TRANSOM WINDOWS (INTERIOR)
REFER TO SPECIFICATION 08800 "GLAZING" FOR ADDITIONAL INFORMATION	



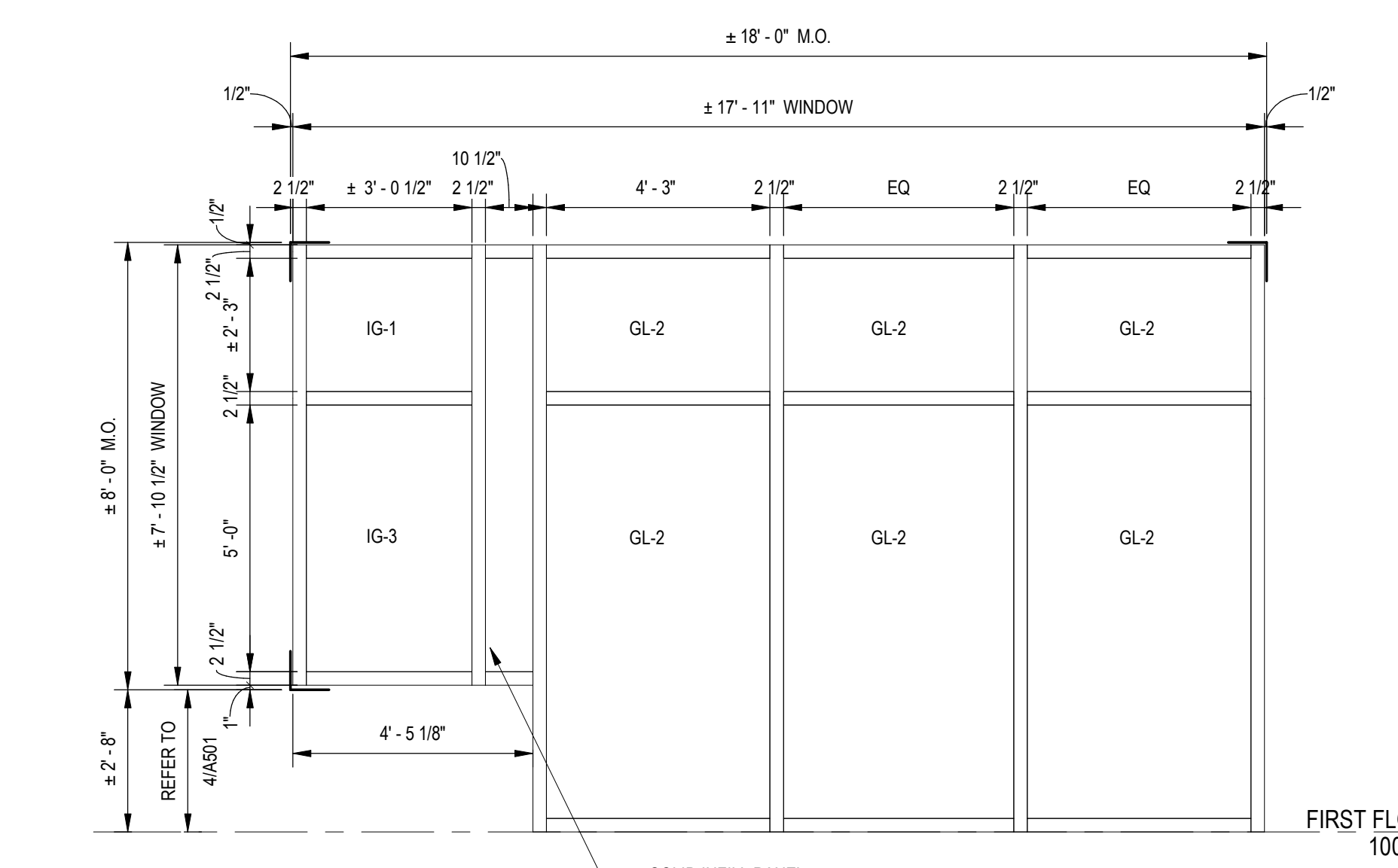
6 WINDOW F
SCALE: 3/8" = 1'-0"



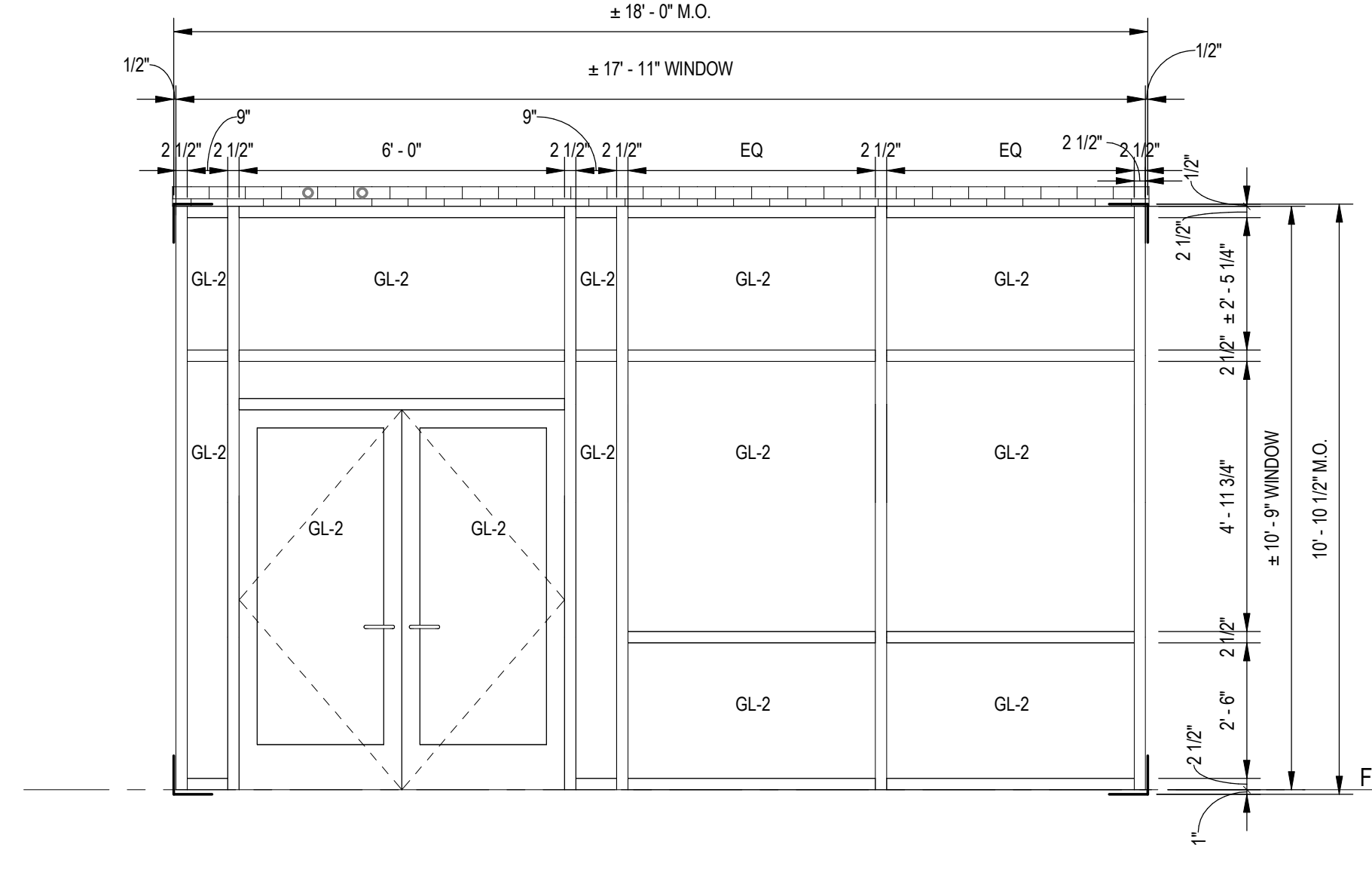
7 WINDOW G
SCALE: 3/8" = 1'-0"



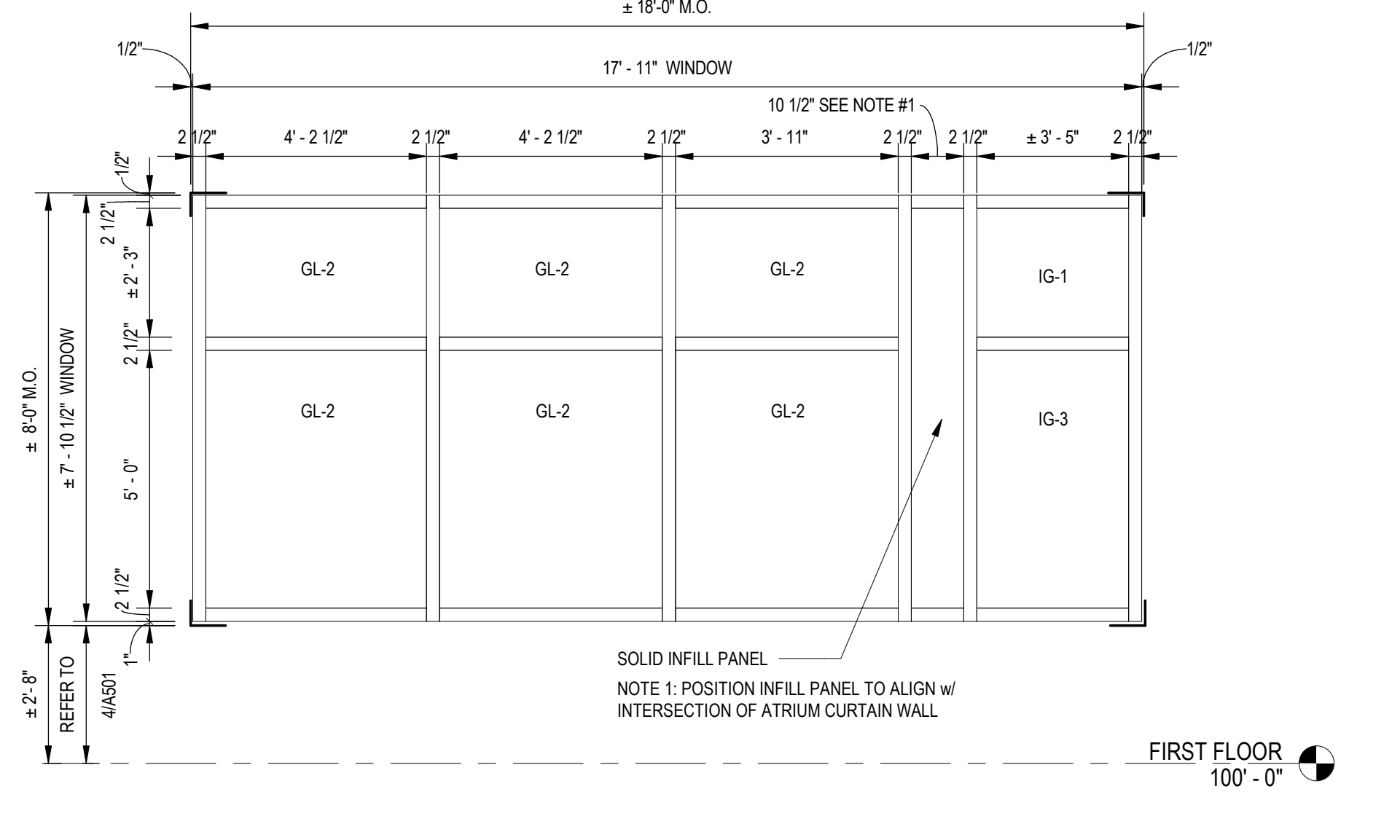
8 WINDOW H
SCALE: 3/8" = 1'-0"



9 WINDOW J
SCALE: 3/8" = 1'-0"



10 WINDOW K
SCALE: 3/8" = 1'-0"



11 WINDOW L
SCALE: 3/8" = 1'-0"



APPROVED BY CITY OF ROCKVILLE, MD
DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
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CONSTRUCTION

Key Plan

No. Revision Date
Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

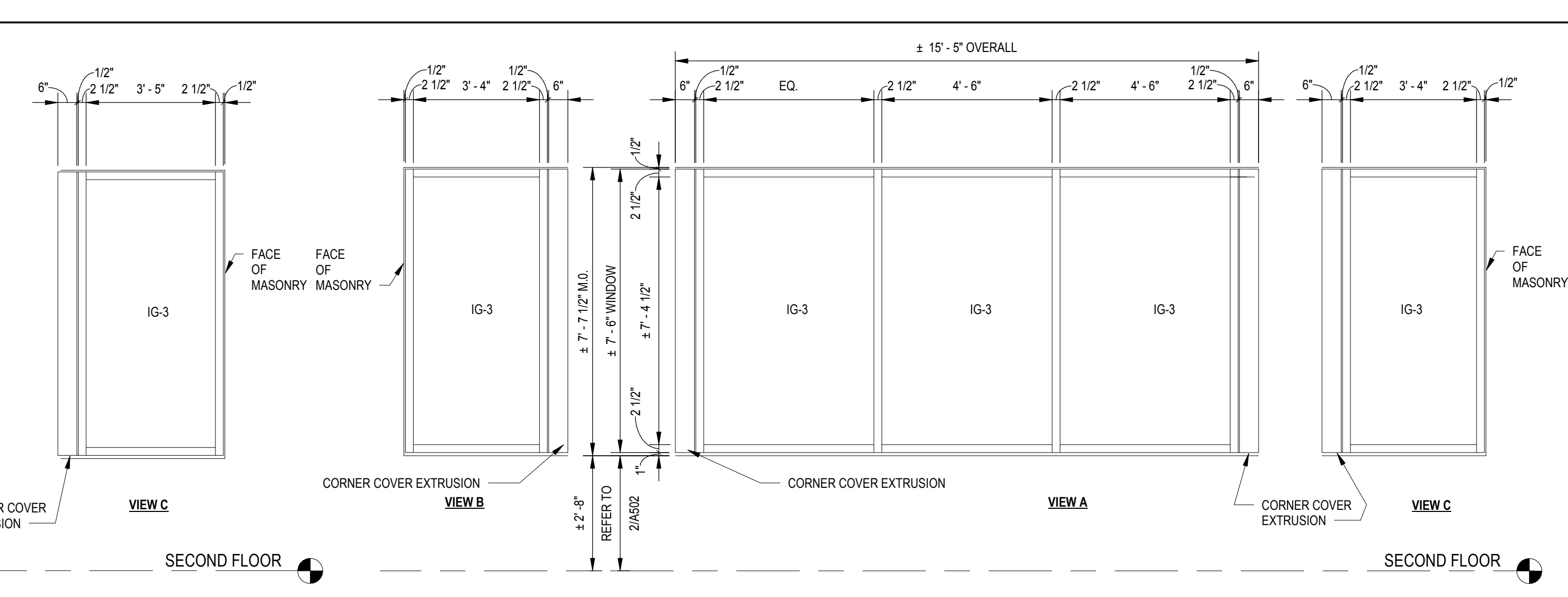
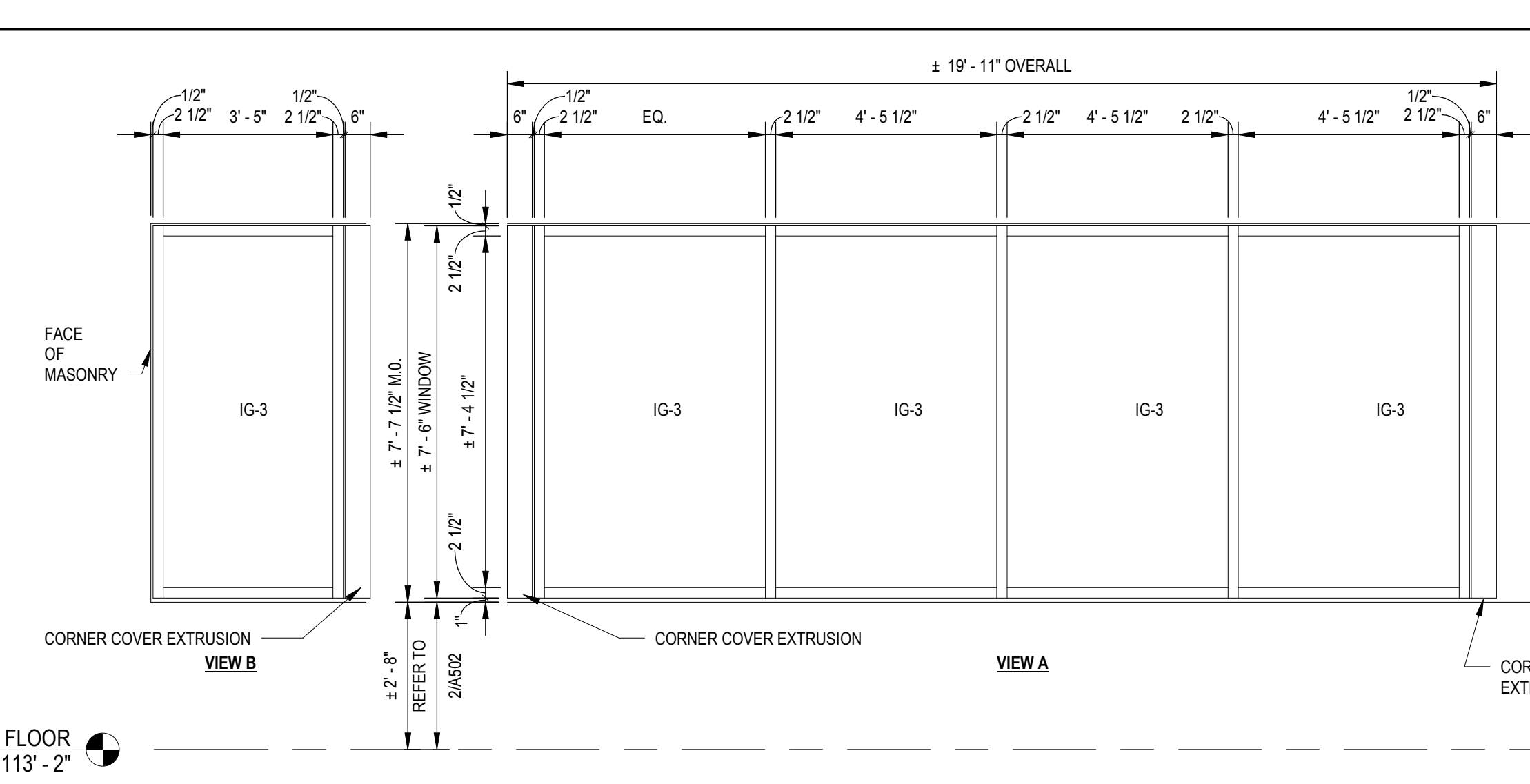
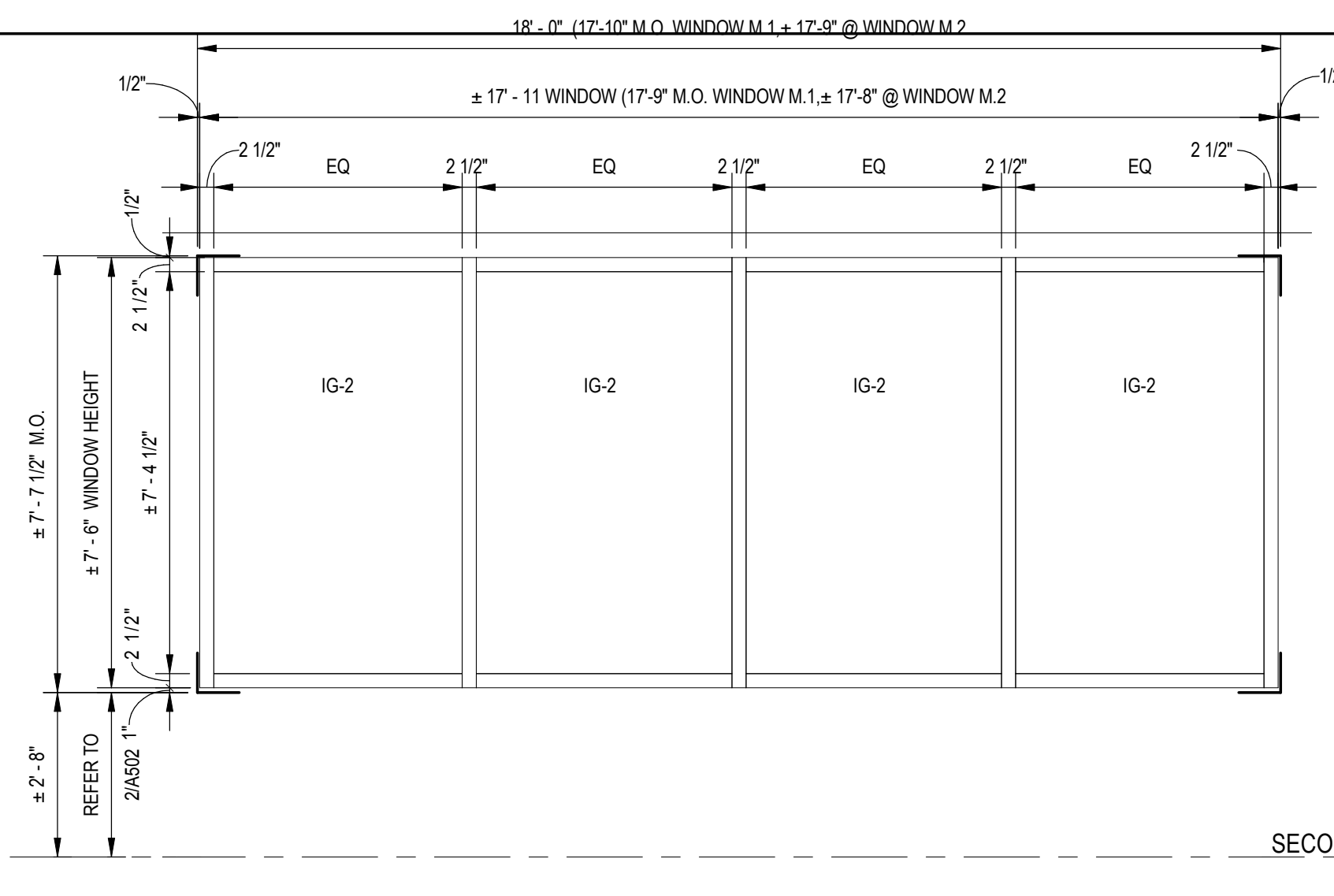
DELTA
ENGINEERS, ARCHITECTS, & SURVEYORS
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Chevy Chase, MD 20815
Tel: 301.718.0080
Fax: 301.718.9520
Email: mail@delta-eas.com
www.delta-eas.com

Seal
Phase
IFB #08-22
Project No.
2019.331.004
Date
12/23/2021 (PERMIT
REVISIONS
04/01/2022)

Drawing Title
ALUMINIUM WINDOWS FIRST FLOOR

Drawing No.

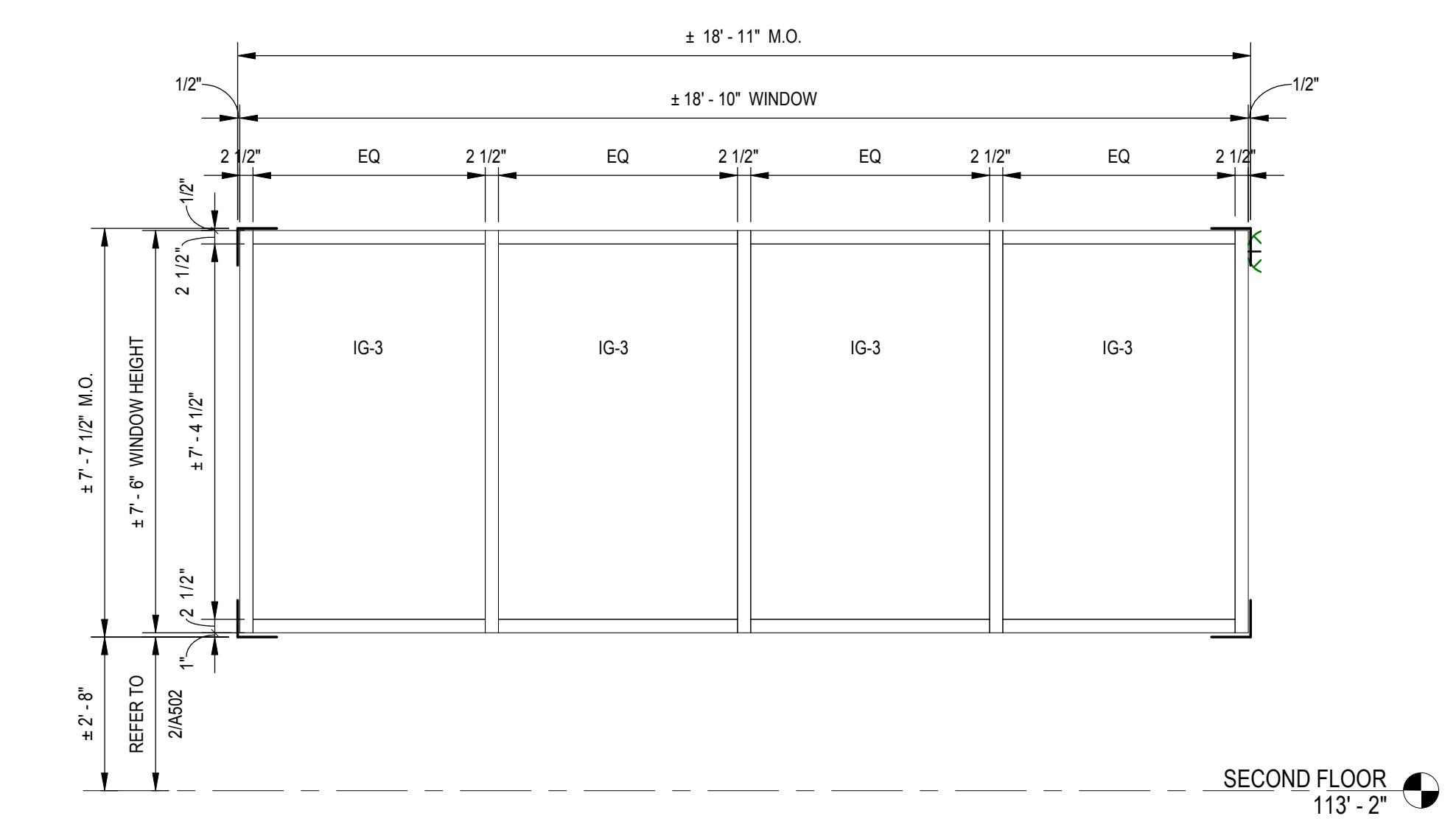
A-603



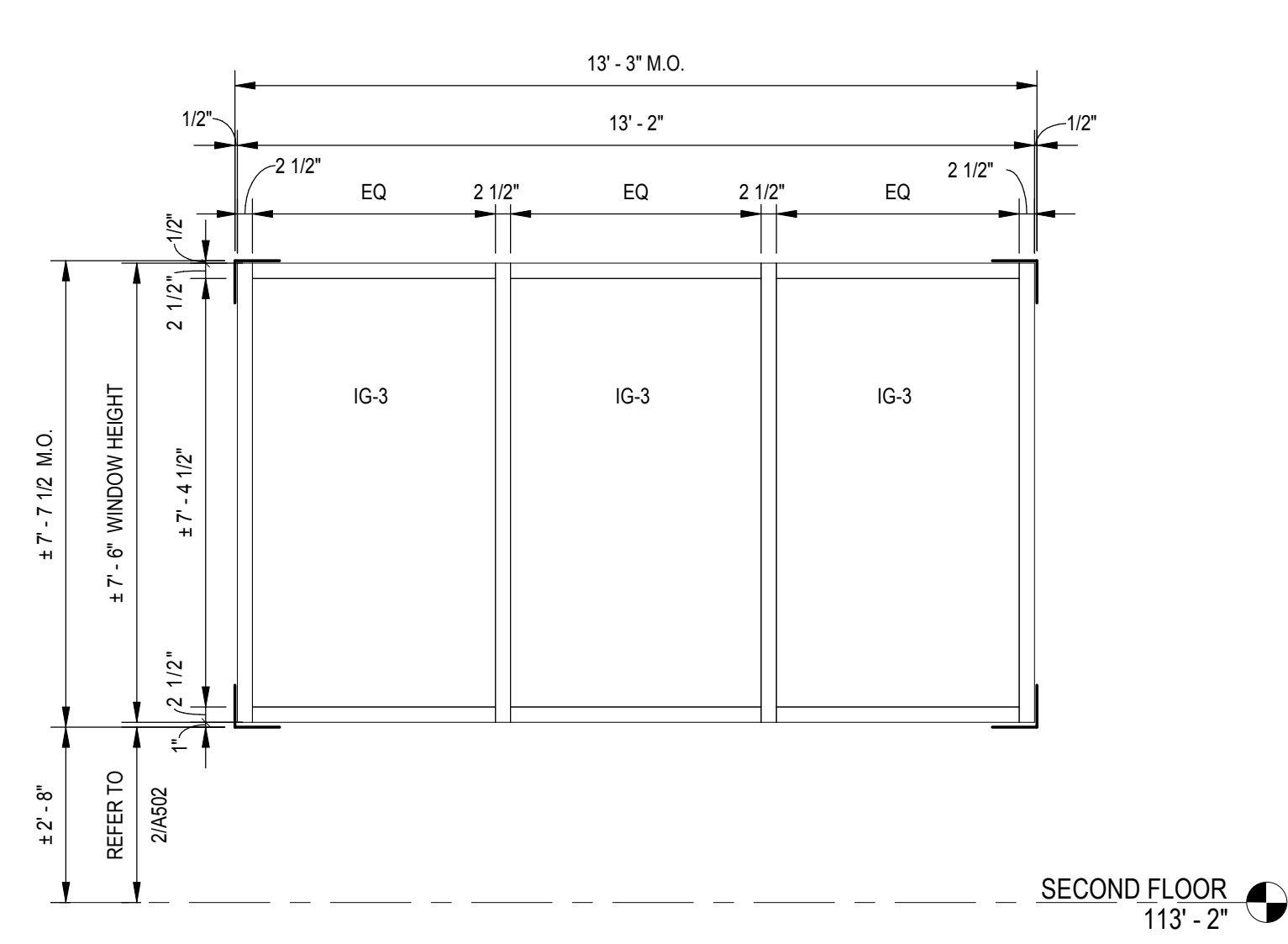
1 WINDOW M, M.1, M.2
A-604 SCALE: 3/8" = 1'-0"

2 WINDOW N
A-604 SCALE: 3/8" = 1'-0"

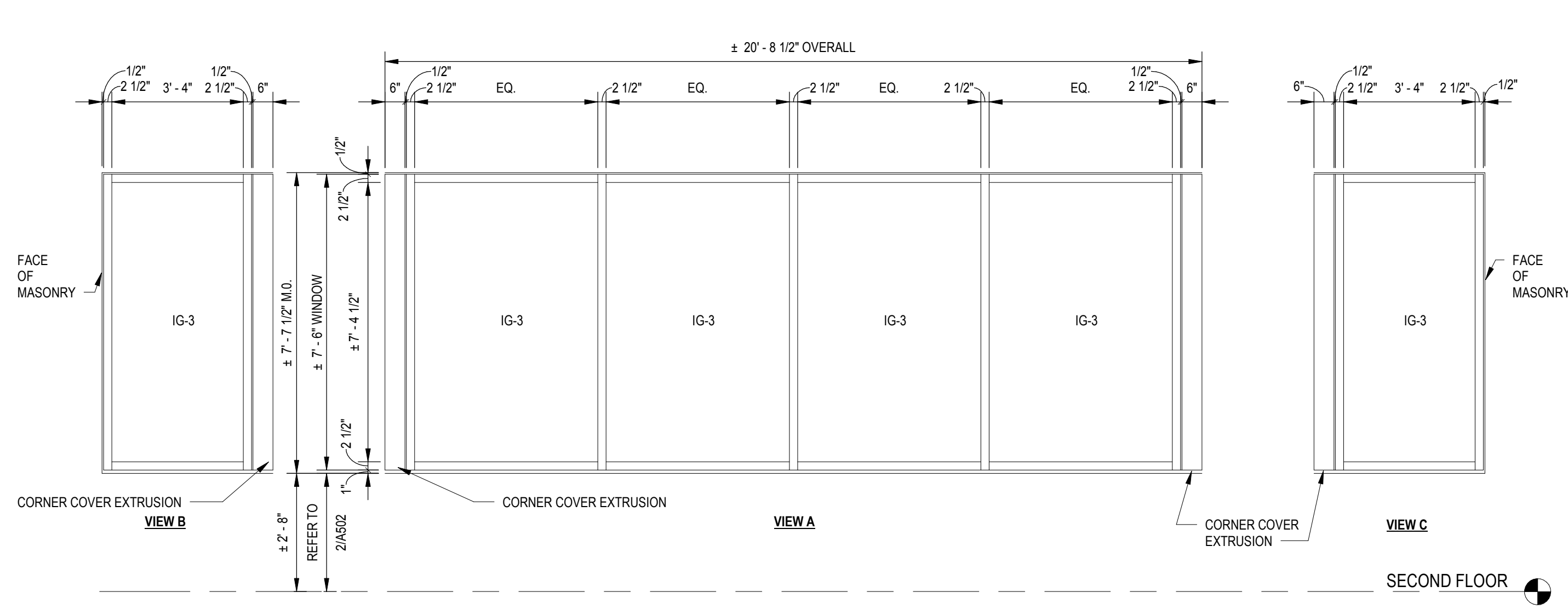
3 WINDOW P
A-604 SCALE: 3/8" = 1'-0"



5 WINDOW Q
A-604 SCALE: 3/8" = 1'-0"



4 WINDOW R
A-604 SCALE: 3/8" = 1'-0"



6 WINDOW S
A-604 SCALE: 3/8" = 1'-0"

GLAZING TYPES	
IG-1:	INSULATED CLEAR GLASS UNIT (EXTERIOR)
IG-2:	INSULATED FROSTED GLASS UNIT (EXTERIOR)
IG-3:	INSULATED CLEAR GLASS UNIT FOR USE BELOW 30° AND ADJACENT TO DOORS (EXTERIOR)
GL-1:	ACOUSTIC CLEAR GLASS UNIT (INTERIOR)
GL-2:	ACOUSTIC CLEAR GLASS UNIT FOR USE BELOW 30° AND ADJACENT TO DOORS (INTERIOR)
GL-3:	ACOUSTIC FROSTED GLASS UNIT (INTERIOR)
GL-4:	LAMINATED GLASS UNIT FOR WOOD DOORS AND INTERIOR TRANSOM WINDOWS (INTERIOR)
REFER TO SPECIFICATION 08800 "GLAZING" FOR ADDITIONAL INFORMATION	



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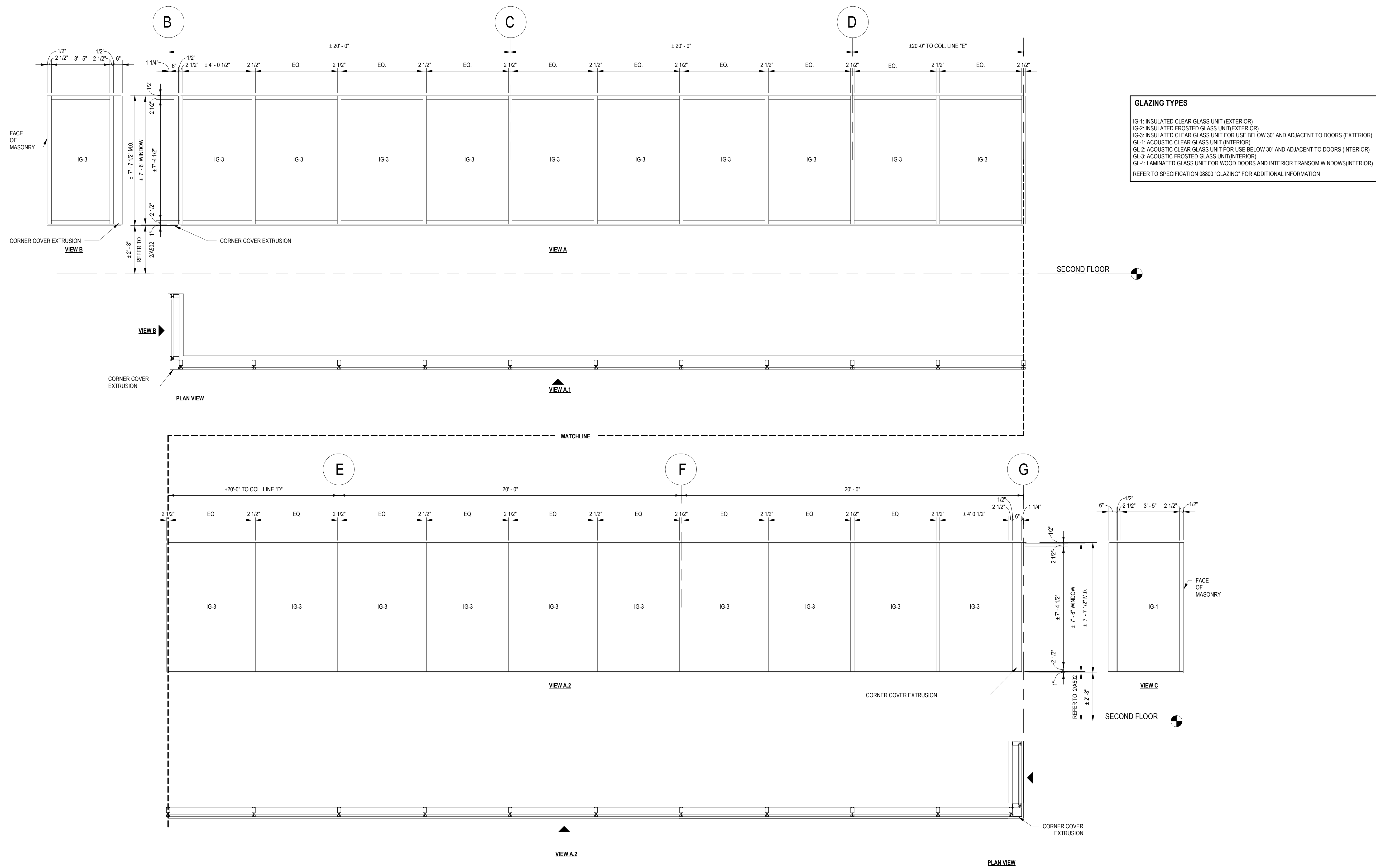
No.	Revision	Date
Project Name CITY OF ROCKVILLE 6 TAFT COURT RENOVATION PHASE 1		
ROCKVILLE MARYLAND		

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ENGINEERS, ARCHITECTS, & SURVEYORS
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Fax: 301.718.9520
Email: mail@delta-eas.com
www.delta-eas.com

Seal of the State of Maryland
Professional Engineer
Date: 12/23/2021 (PERMIT REVISIONS 04/01/2022)
Phase: IFB #08-22
Project No.: 2019.331.004

Drawing Title
**ALUMINIUM WINDOWS
SECOND FLOOR**

Drawing No.
A-604



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
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No.	Revision	Date

Project Name
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PHASE 1
ROCKVILLE MARYLAND

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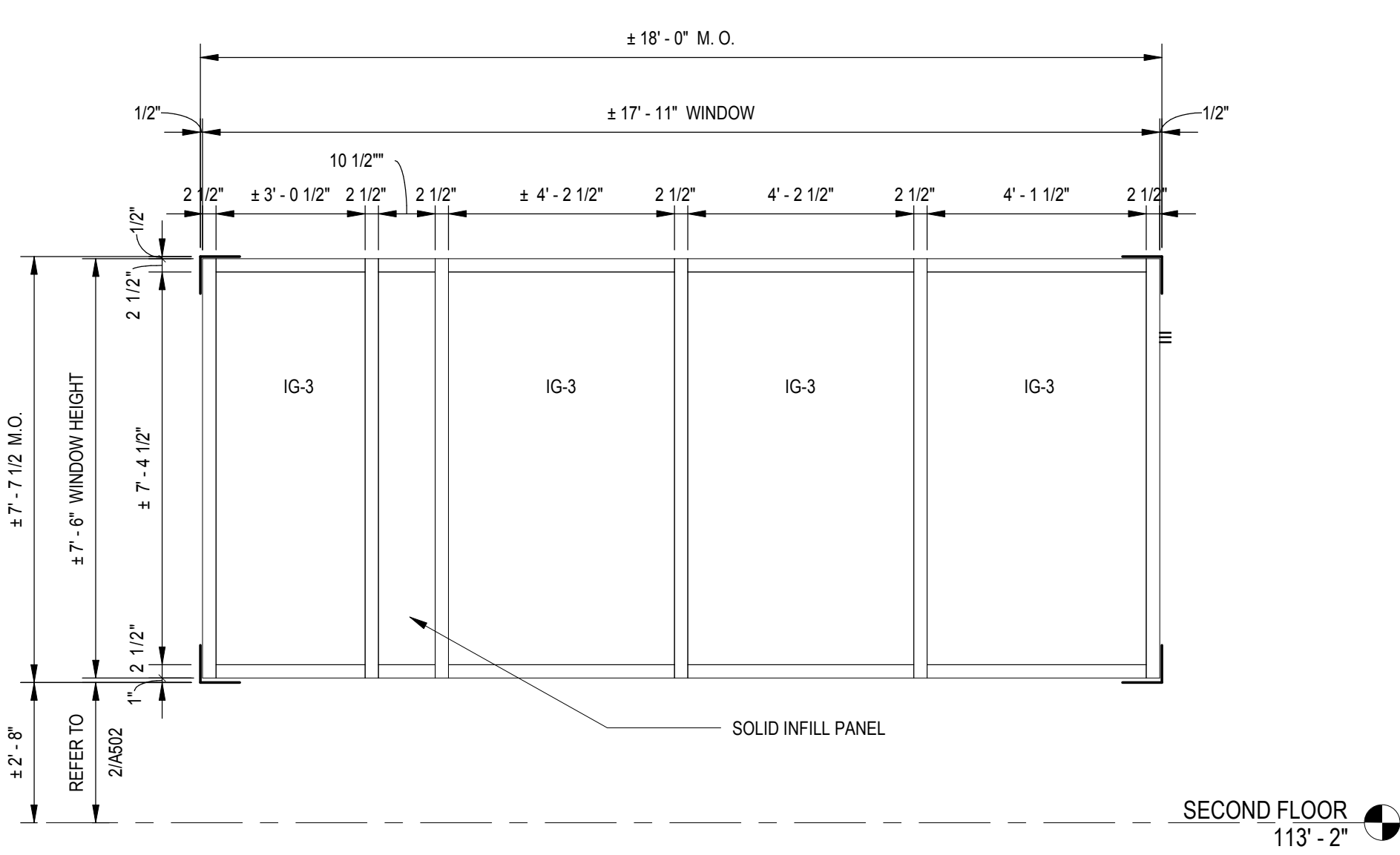
Seal
Phase
IFB #08-22
Project No.
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Date
12/23/2021 (PERMIT)
REVISIONS
04/01/2022

Drawing Title
ALUMINIUM WINDOWS
SECOND FLOOR

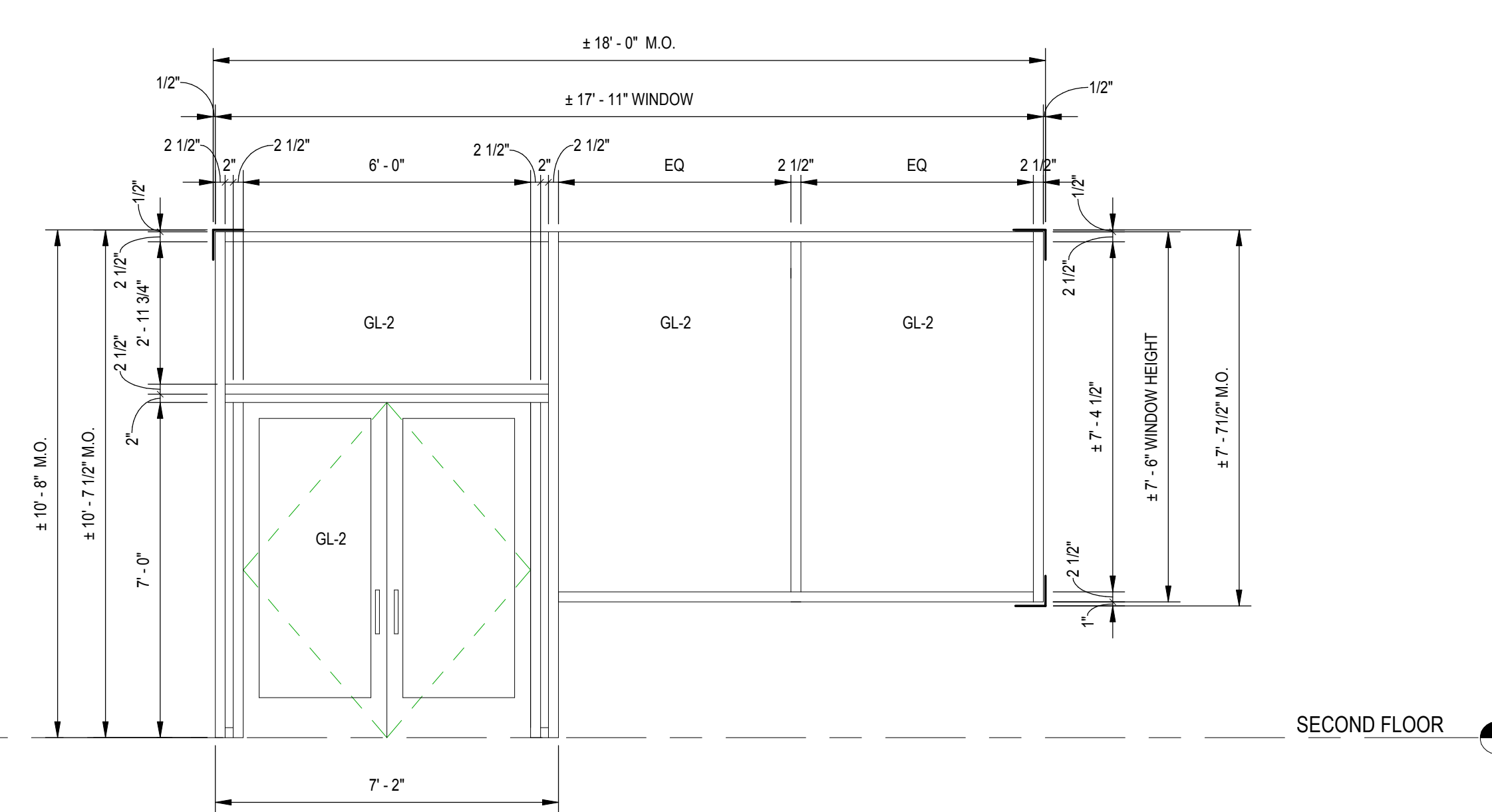
Drawing No.

A-605

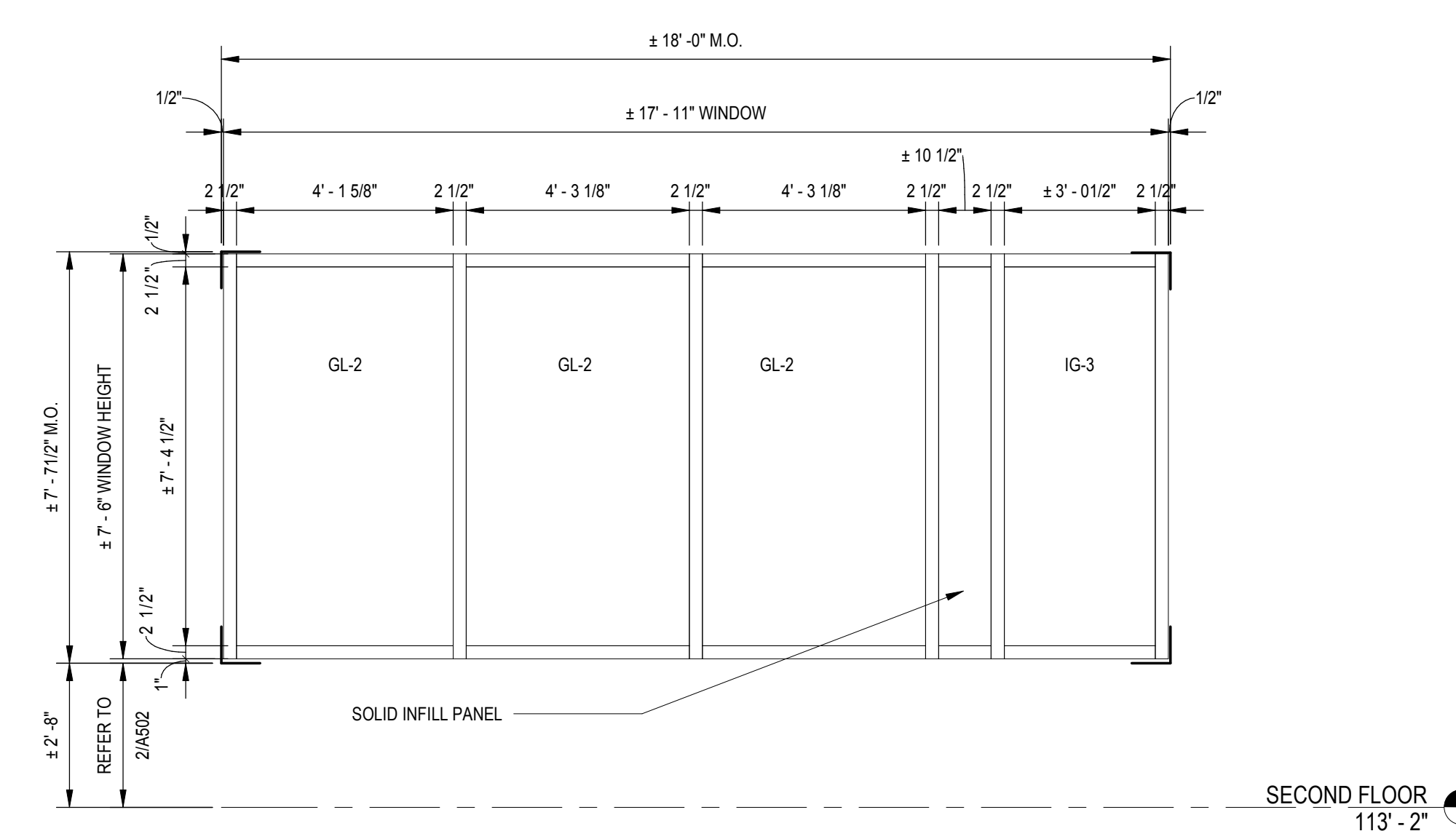
1 WINDOW T
A-605 SCALE: 3/8" = 1'-0"



2 WINDOW V
A-605 SCALE: 3/8" = 1'-0"



5 WINDOW W
A-605 SCALE: 3/8" = 1'-0"



3 WINDOW U
A-605 SCALE: 3/8" = 1'-0"



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
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Seal Phase IFB #08-22

Project No. 2019.331.004

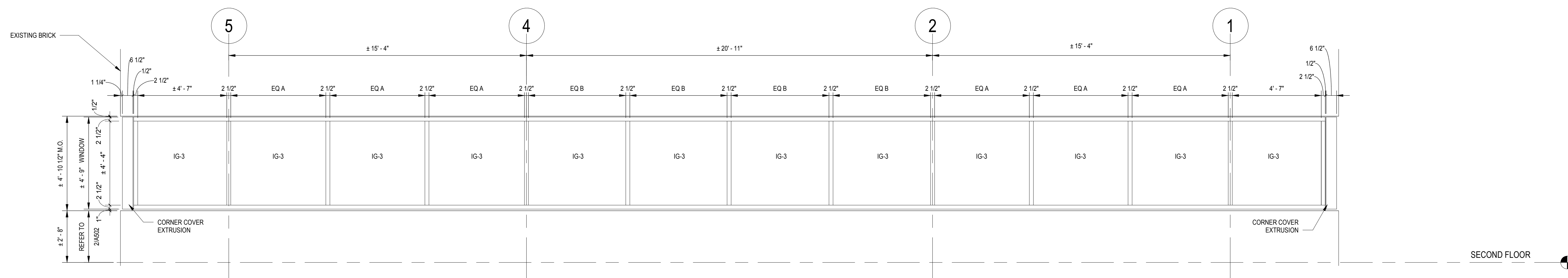
Date 12/23/2021 (PERMIT REVISIONS 04/01/2022)

Drawing Title
ALUMINIUM WINDOWS THIRD FLOOR

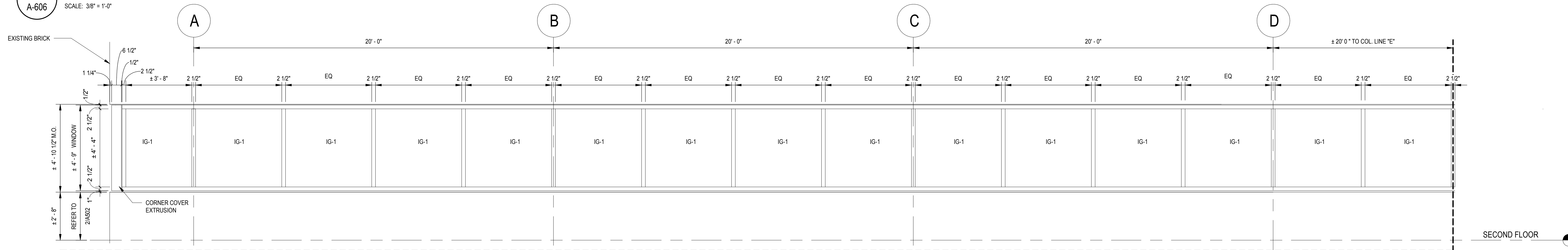
Drawing No.

A-606

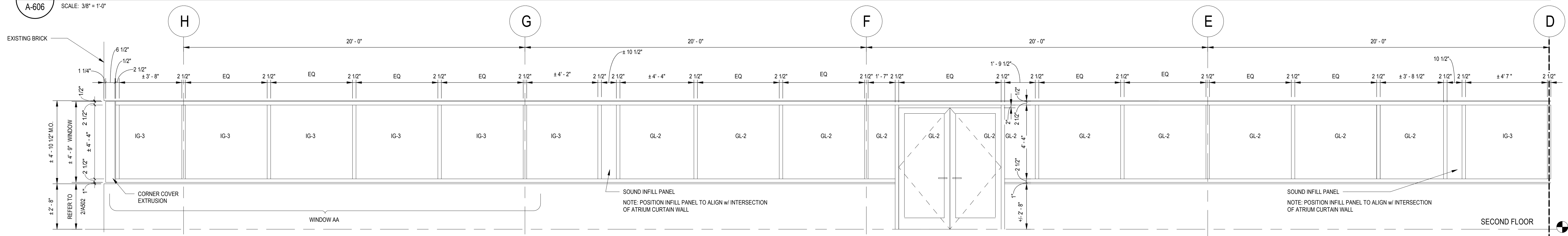
4/4/2022 5:26:53 PM



2 WINDOW Y, Z
A-606 SCALE: 3/8" = 1'-0"



1 WINDOW X
A-606 SCALE: 3/8" = 1'-0"



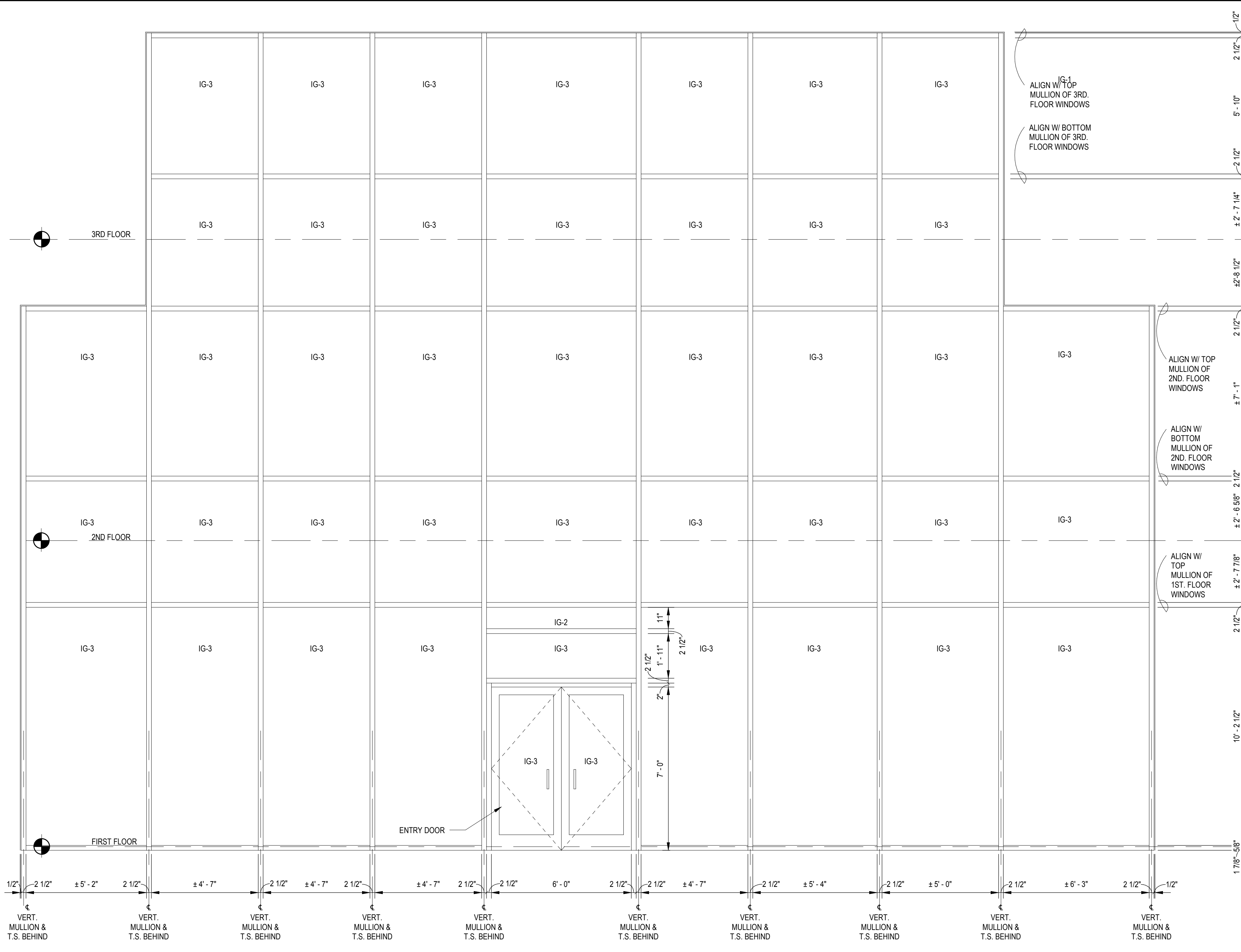
3 WINDOW AA, BB CC
A-606 SCALE: 3/8" = 1'-0"

GLAZING TYPES

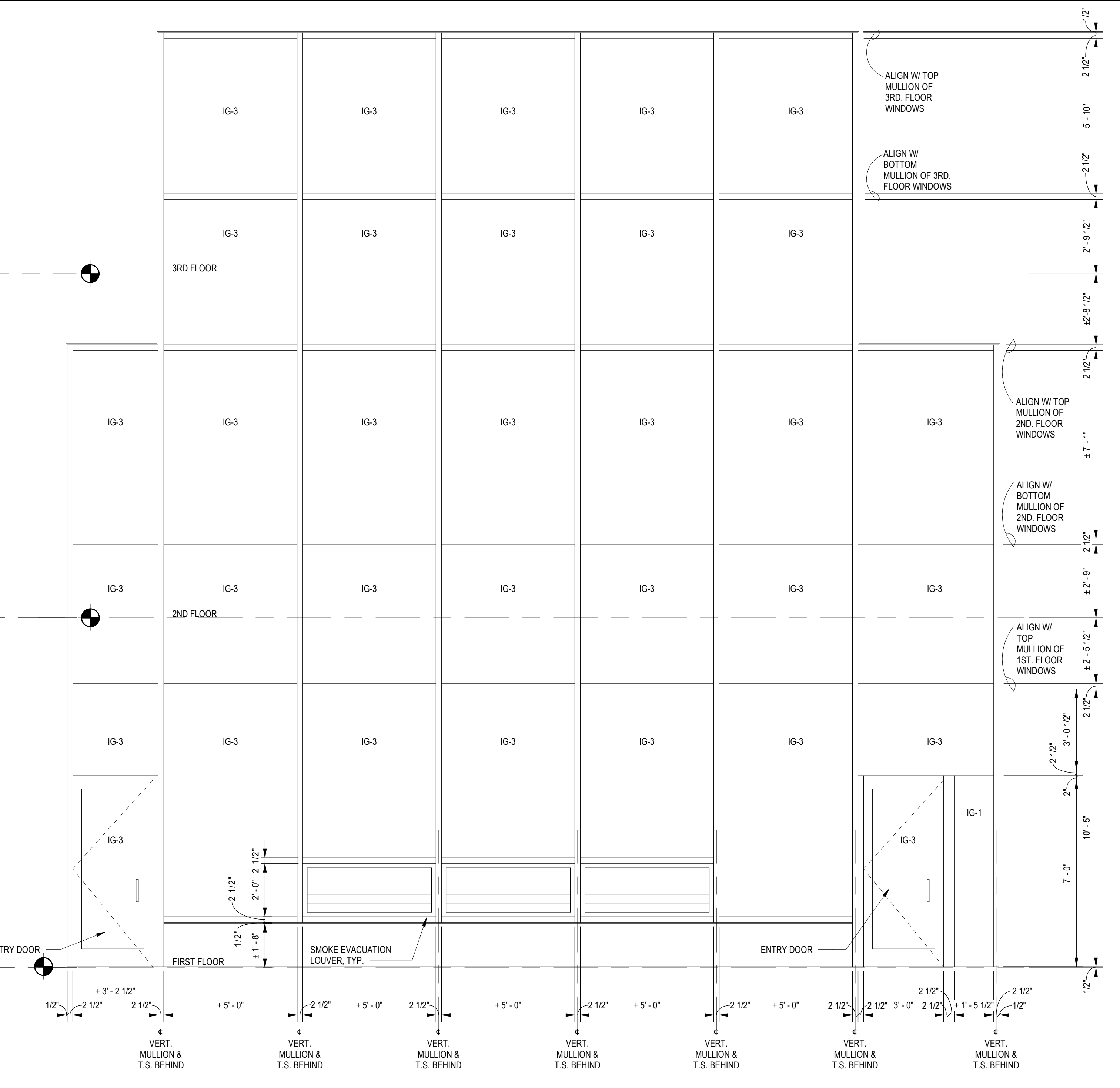
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GL-4: LAMINATED GLASS UNIT FOR WOOD DOORS AND INTERIOR TRANSOM WINDOWS (INTERIOR)

REFER TO SPECIFICATION 08800 "GLAZING" FOR ADDITIONAL INFORMATION

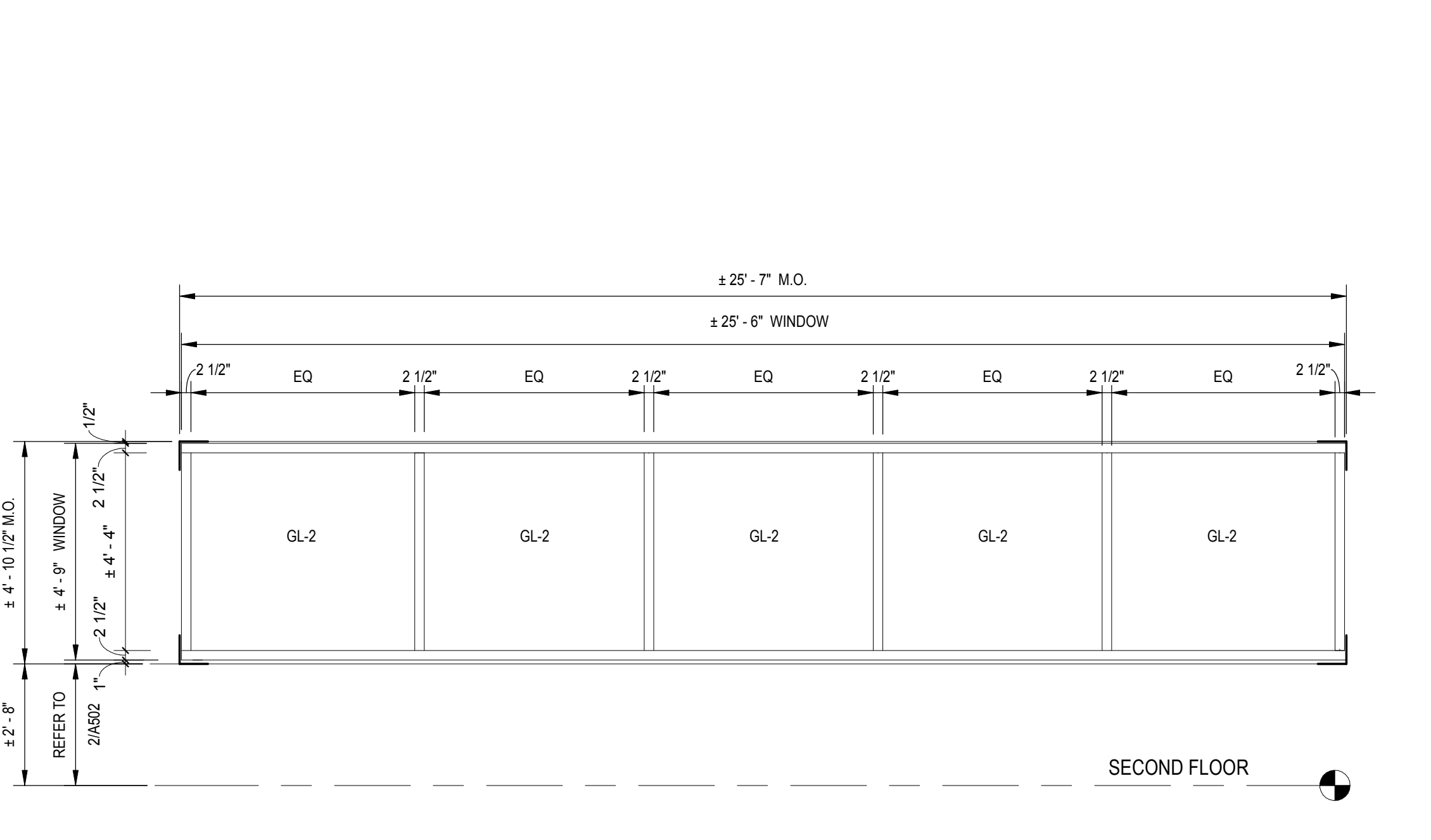
WINDOW CC (CONTINUES)



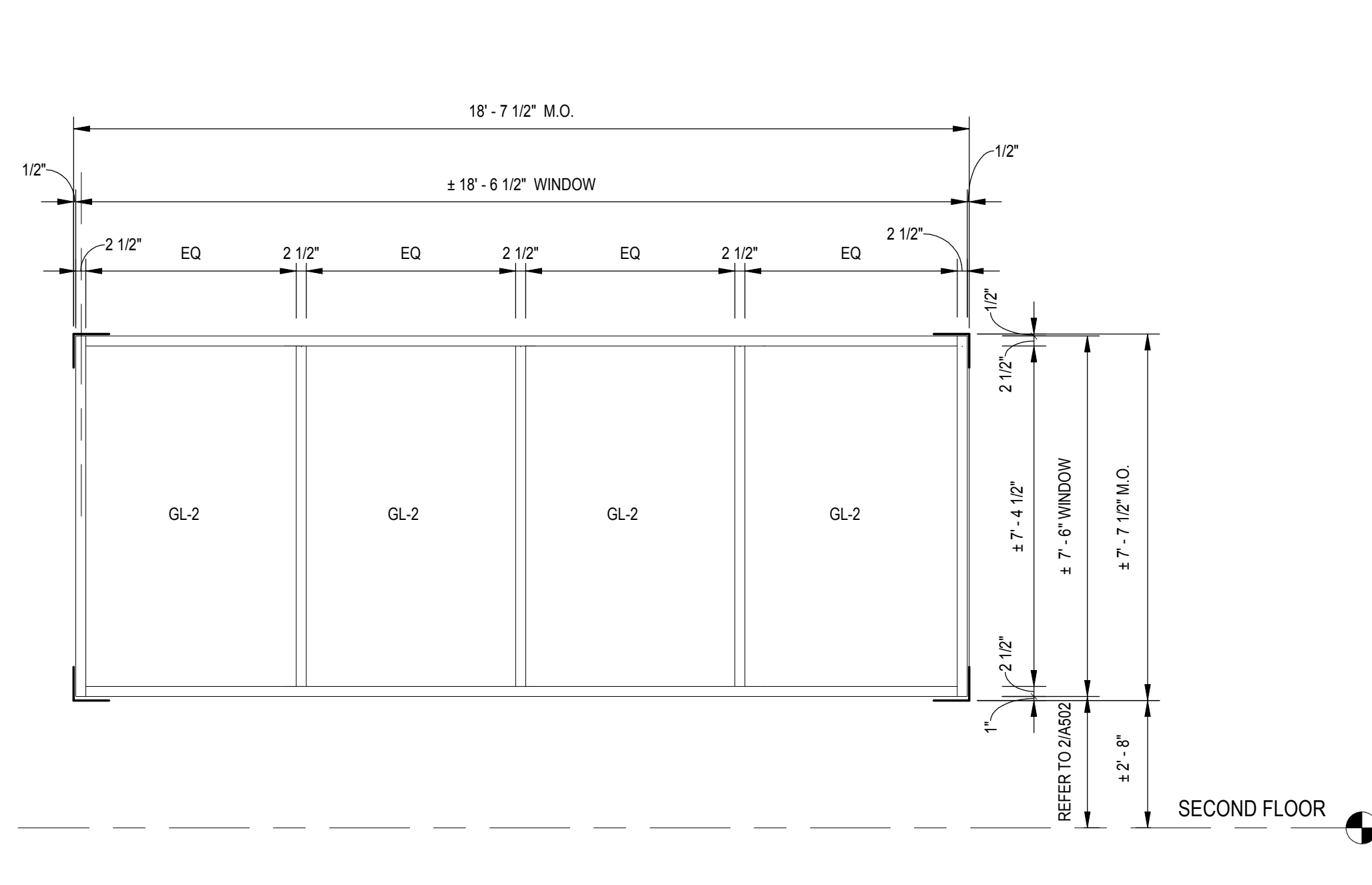
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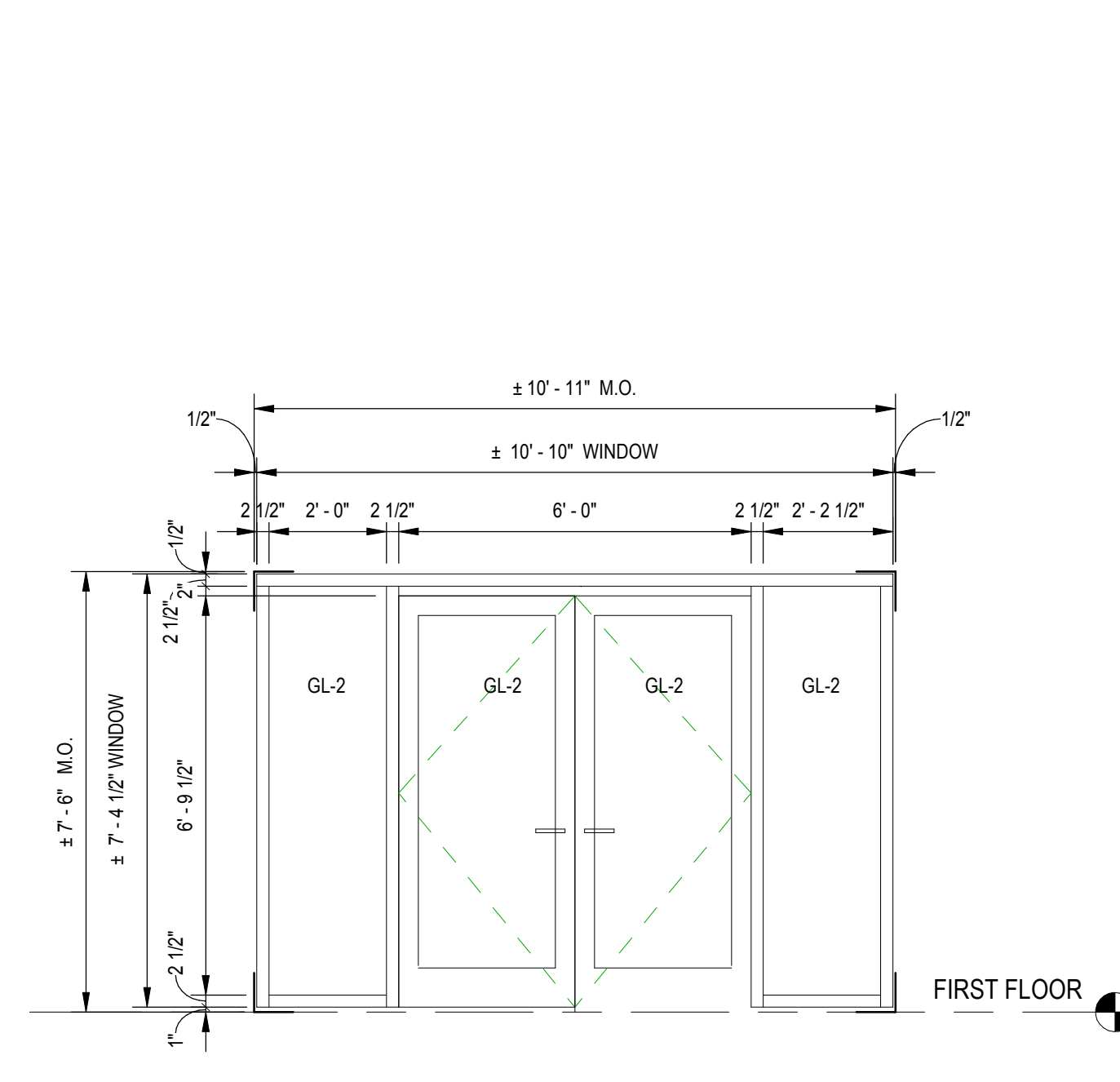
2 WINDOW EE
 A-607 SCALE: 3/8" = 1'-0"



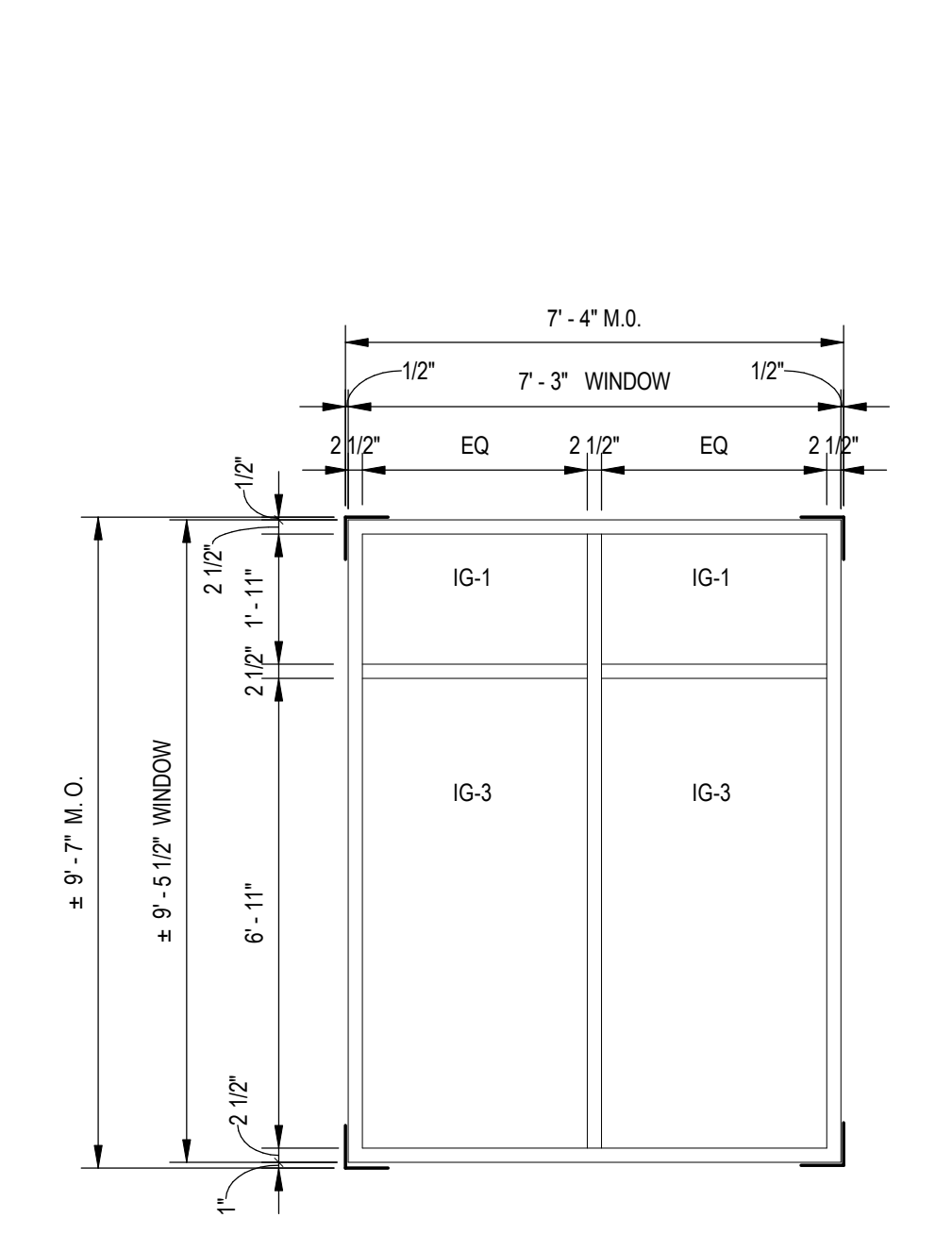
4 WINDOW FF
 A-607 SCALE: 3/8" = 1'-0"



5 WINDOW GG
 A-607 SCALE: 3/8" = 1'-0"



6 WINDOW HH
 A-607 SCALE: 3/8" = 1'-0"



3 WINDOW JJ
 A-607 SCALE: 3/8" = 1'-0"

GLAZING TYPES

- IG-1: INSULATED CLEAR GLASS UNIT (EXTERIOR)
- IG-2: INSULATED FROSTED GLASS UNIT (EXTERIOR)
- IG-3: INSULATED CLEAR GLASS UNIT FOR USE BELOW 30" AND ADJACENT TO DOORS (EXTERIOR)
- GL-1: ACOUSTIC CLEAR GLASS UNIT (INTERIOR)
- GL-2: ACOUSTIC CLEAR GLASS UNIT FOR USE BELOW 30" AND ADJACENT TO DOORS (INTERIOR)
- GL-3: ACOUSTIC FROSTED GLASS UNIT (INTERIOR)
- GL-4: LAMINATED GLASS UNIT FOR WOOD DOORS AND INTERIOR TRANSOM WINDOWS (INTERIOR)

REFER TO SPECIFICATION 08800 "GLAZING" FOR ADDITIONAL INFORMATION



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
 SEPARATE BUILDING PERMIT(S) FROM INSPECTION SERVICES DIVISION ARE REQUIRED FOR ON-SITE CONSTRUCTION

Key Plan

No.	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
 ROCKVILLE MARYLAND

DELTA
 ENGINEERS, ARCHITECTS, & SURVEYORS
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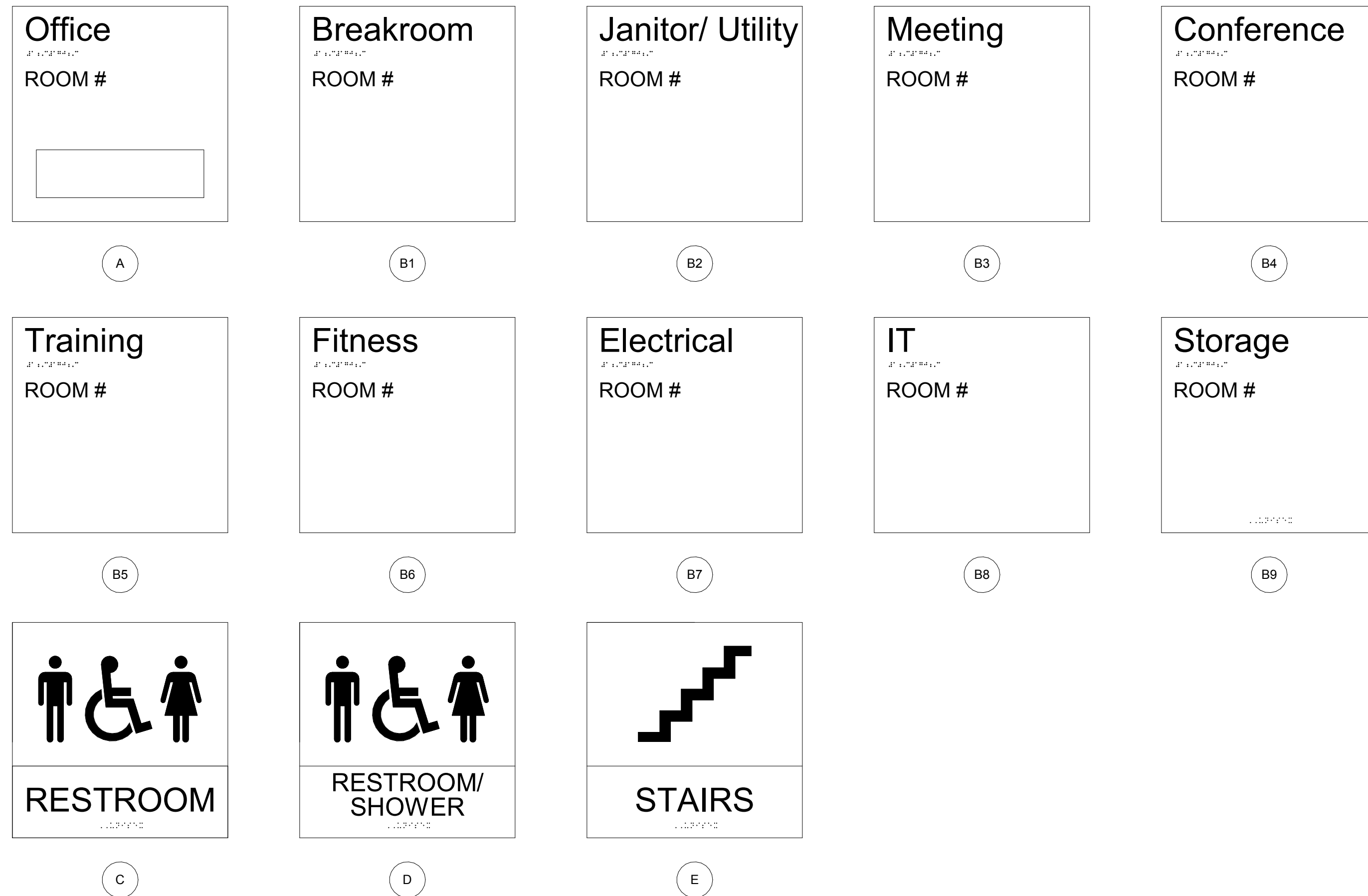
Seal of the State of Maryland, Professional Engineer, License No. 1389, Exp. 12/31/2022

Phase: IFB #08-22
 Project No.: 2019.331.004
 Date: 12/23/2021 (PERMIT REVISIONS)
 04/01/2022

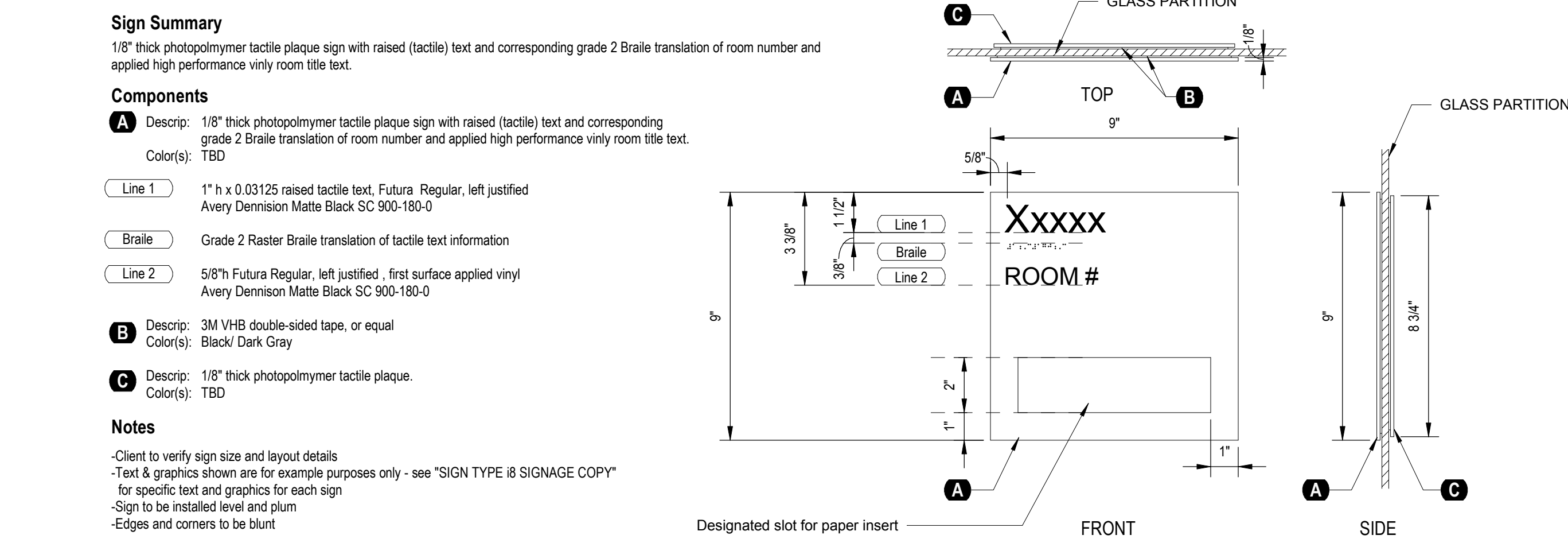
Drawing Title
ALUMINUM CURTAINWALL WINDOWS ATRIUM

Drawing No.
A-607

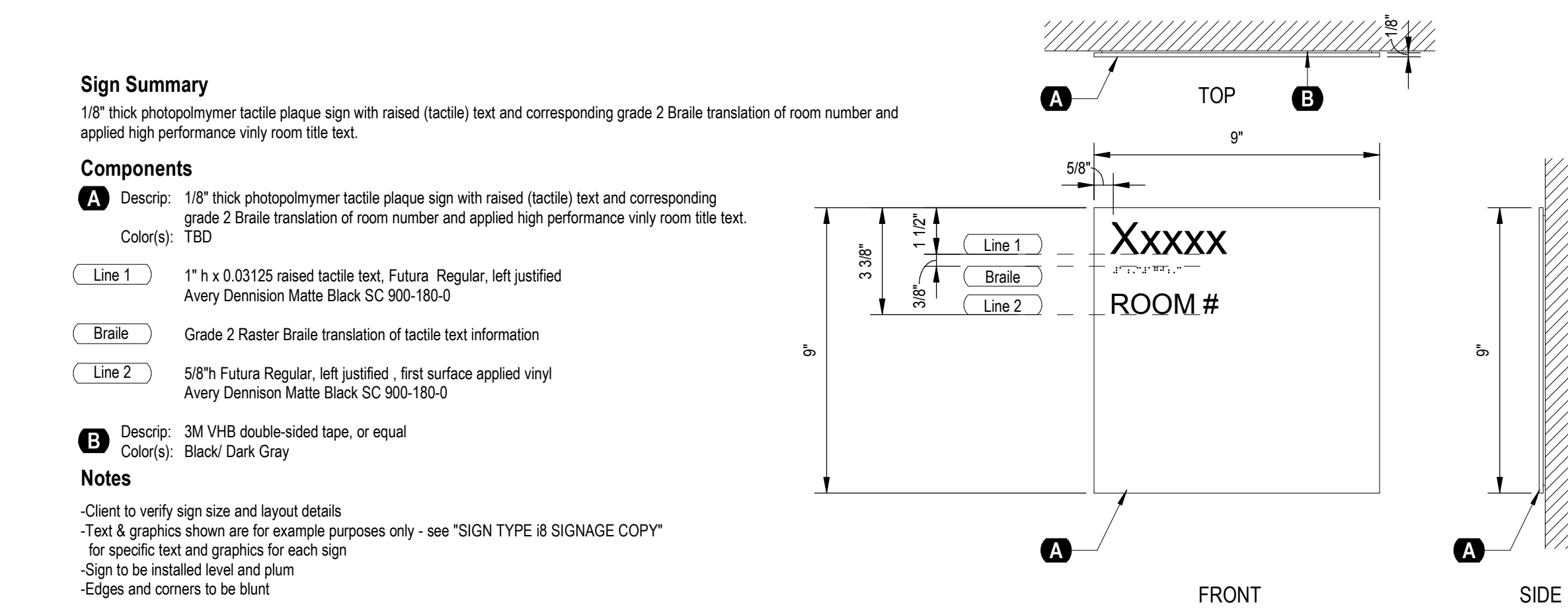
A-607



SIGNAGE LEGEND
SCALE: 3" = 1'-0"



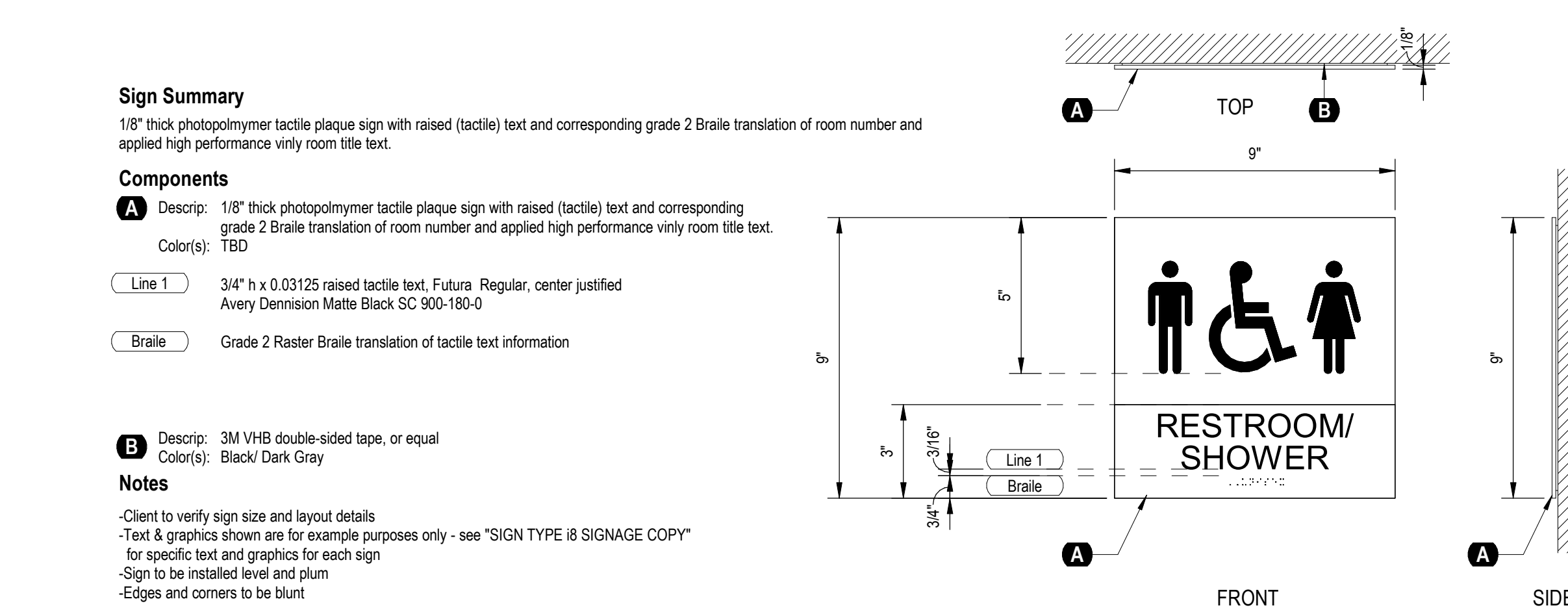
SIGN TYPE A
SCALE: 3" = 1'-0"



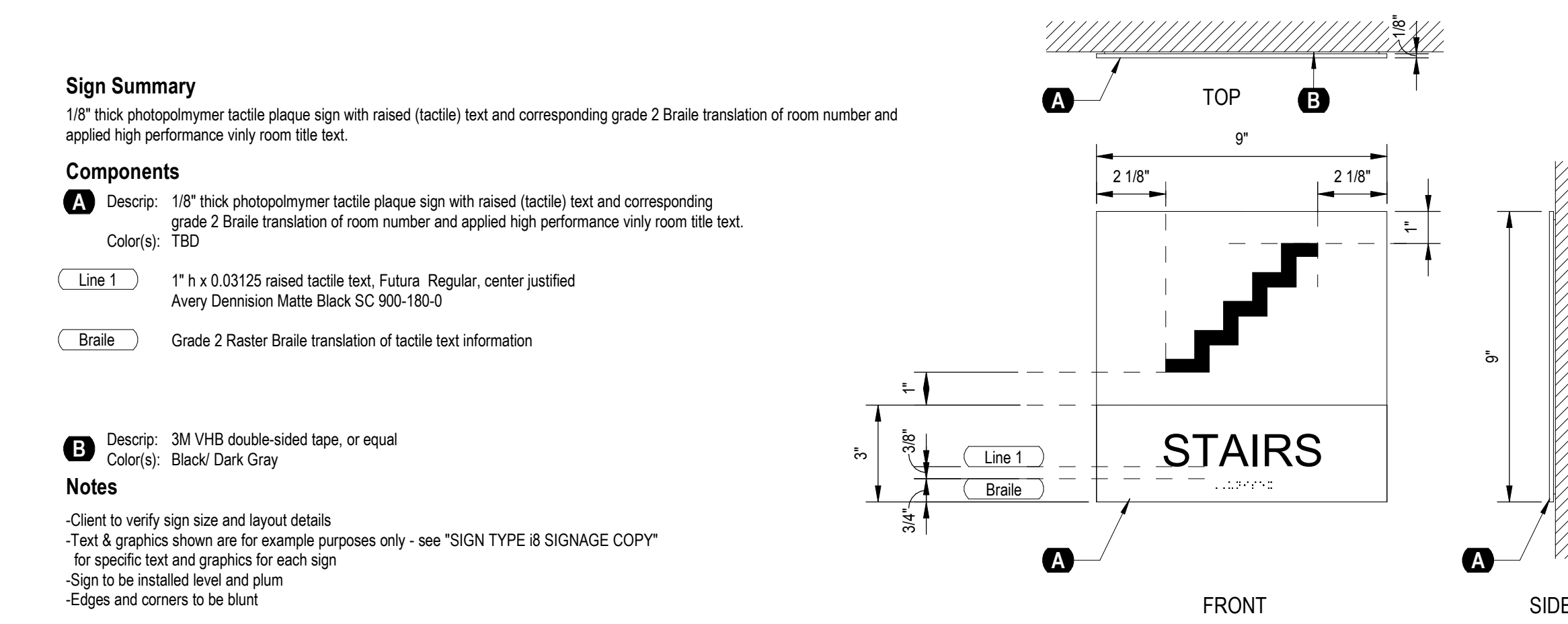
SIGN TYPE B
SCALE: 3" = 1'-0"



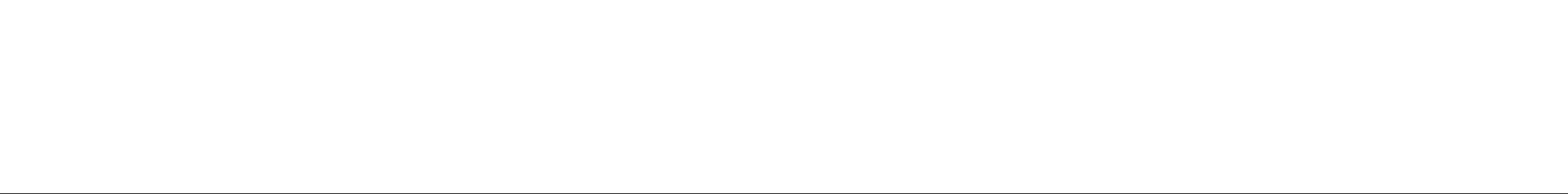
SIGN TYPE C
SCALE: 3" = 1'-0"



SIGN TYPE D
SCALE: 3" = 1'-0"



SIGN TYPE E
SCALE: 3" = 1'-0"



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Phase: IFB #08-22
Project No.: 2019.331.004
Date: 12/23/2021 (PERMIT REVISIONS 04/01/2022)

Drawing Title
SIGNAGE

Drawing No.
A-701

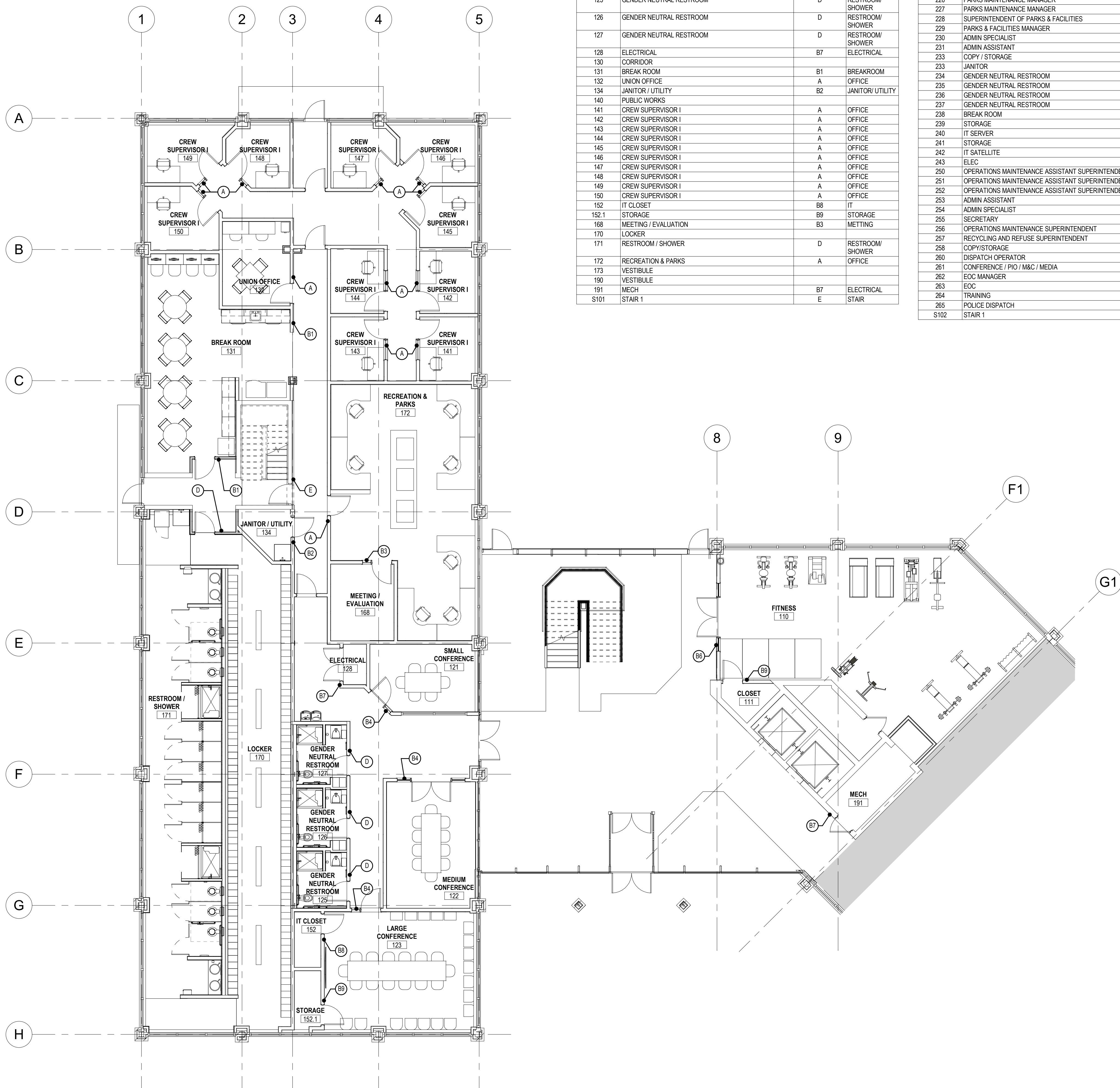


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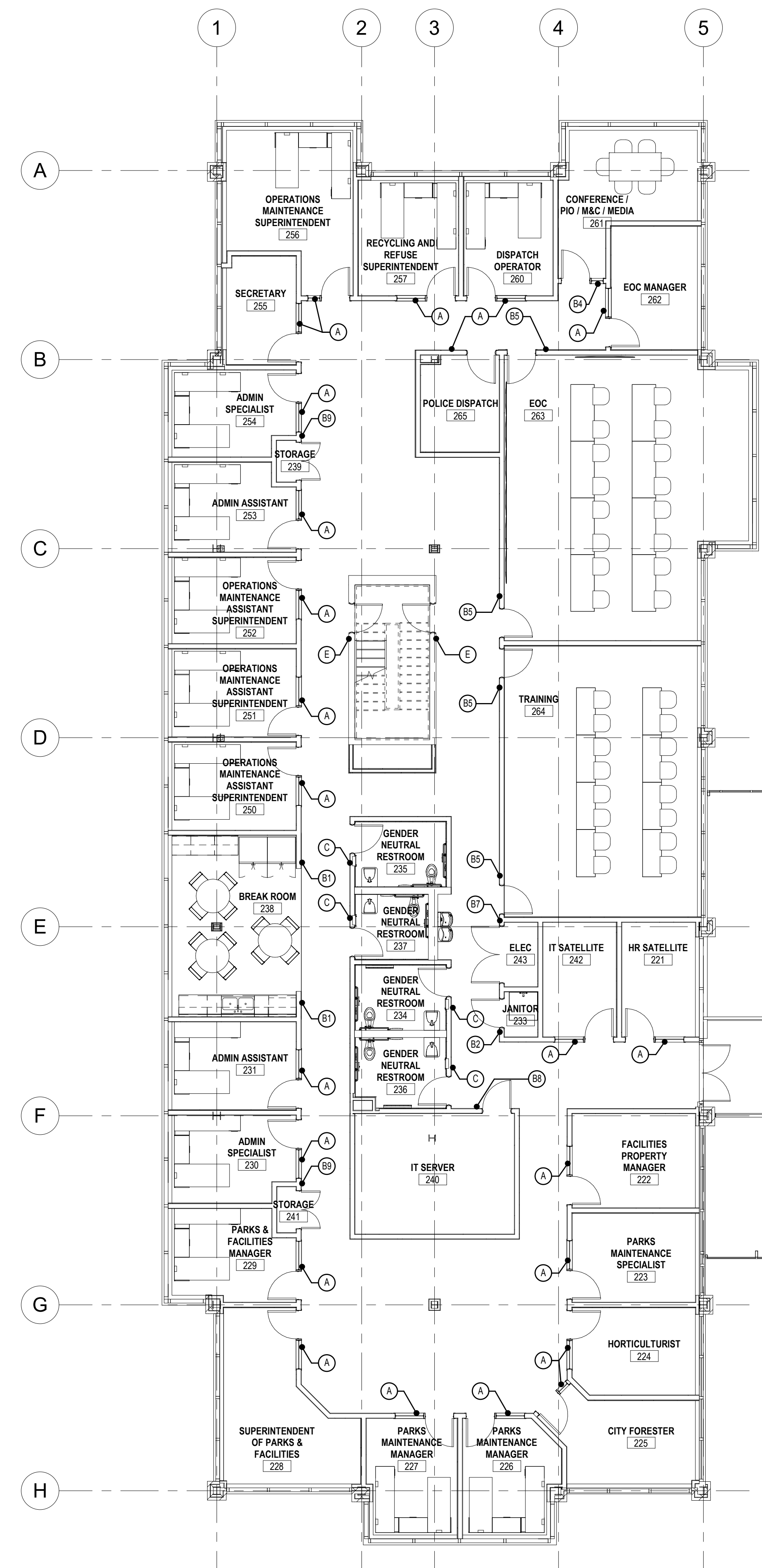
DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
SERVICES DIVISION ARE REQUIRED FOR ON-SITE
CONSTRUCTION

BUILDING SIGNAGE			
ROOM NUMBER	ROOM NAME	SIGNAGE TYPE	SIGNAGE TEXT
FIRST FLOOR			
100	VESTIBULE		
101	LOBBY		
110	FITNESS	B6	FITNESS
111	CLOSET	B9	STORAGE
120	CORRIDOR		
121	SMALL CONFERENCE	B4	CONFERENCE
122	MEDIUM CONFERENCE	B4	CONFERENCE
123	LARGE CONFERENCE	B4	CONFERENCE
125	GENDER NEUTRAL RESTROOM	D	RESTROOM / SHOWER
126	GENDER NEUTRAL RESTROOM	D	RESTROOM / SHOWER
127	GENDER NEUTRAL RESTROOM	D	RESTROOM / SHOWER
128	ELECTRICAL	B7	ELECTRICAL
130	CORRIDOR		
131	BREAK ROOM	B1	BREAKROOM
132	UNION OFFICE	A	OFFICE
134	JANITOR / UTILITY	B2	JANITOR / UTILITY
140	PUBLIC WORKS		
141	CREW SUPERVISOR I	A	OFFICE
142	CREW SUPERVISOR I	A	OFFICE
143	CREW SUPERVISOR I	A	OFFICE
144	CREW SUPERVISOR I	A	OFFICE
145	CREW SUPERVISOR I	A	OFFICE
146	CREW SUPERVISOR I	A	OFFICE
147	CREW SUPERVISOR I	A	OFFICE
148	CREW SUPERVISOR I	A	OFFICE
149	CREW SUPERVISOR I	A	OFFICE
150	CREW SUPERVISOR I	A	OFFICE
152	IT CLOSET	B8	IT
152.1	STORAGE	B9	STORAGE
168	MEETING / EVALUATION	B3	MEETING
170	LOCKER		
171	RESTROOM / SHOWER	D	RESTROOM / SHOWER
172	RECREATION & PARKS	A	OFFICE
173	VESTIBULE		
190	VESTIBULE		
191	MECH	B7	ELECTRICAL
S101	STAIR 1	E	STAIR

BUILDING SIGNAGE			
ROOM NUMBER	ROOM NAME	SIGNAGE TYPE	SIGNAGE TEXT
SECOND FLOOR			
201	LOBBY		
220	CORRIDOR		
221	HR SATELLITE	A	OFFICE
222	FACILITIES PROPERTY MANAGER	A	OFFICE
223	PARKS MAINTENANCE SPECIALIST	A	OFFICE
224	HORTICULTURIST	A	OFFICE
225	CITY FORESTER	A	OFFICE
226	PARKS MAINTENANCE MANAGER	A	OFFICE
227	PARKS MAINTENANCE MANAGER	A	OFFICE
228	SUPERINTENDENT OF PARKS & FACILITIES	A	OFFICE
229	PARKS & FACILITIES MANAGER	A	OFFICE
230	ADMIN SPECIALIST	A	OFFICE
231	ADMIN ASSISTANT	A	OFFICE
233	COPY / STORAGE		
233	JANITOR	B2	JANITOR / UTILITY
234	GENDER NEUTRAL RESTROOM	C	RESTROOM
235	GENDER NEUTRAL RESTROOM	C	RESTROOM
236	GENDER NEUTRAL RESTROOM	C	RESTROOM
237	GENDER NEUTRAL RESTROOM	C	RESTROOM
238	BREAK ROOM	B1	BREAKROOM
239	STORAGE	B9	STORAGE
240	IT SERVER	B8	IT
241	STORAGE	B9	STORAGE
242	IT SATELLITE	A	OFFICE
243	ELEC	B7	ELECTRICAL
250	OPERATIONS MAINTENANCE ASSISTANT SUPERINTENDENT	A	OFFICE
251	OPERATIONS MAINTENANCE ASSISTANT SUPERINTENDENT	A	OFFICE
252	OPERATIONS MAINTENANCE ASSISTANT SUPERINTENDENT	A	OFFICE
253	ADMIN ASSISTANT	A	OFFICE
254	ADMIN SPECIALIST	A	OFFICE
255	SECRETARY	A	OFFICE
256	OPERATIONS MAINTENANCE SUPERINTENDENT	A	OFFICE
257	RECYCLING AND REFUSE SUPERINTENDENT	A	OFFICE
258	COPY/STORAGE		
260	DISPATCH OPERATOR	A	OFFICE
261	CONFERENCE / PIO / M&C / MEDIA	B4	CONFERENCE
262	EOC MANAGER	A	CONFERENCE
263	EOC	B5	TRAINING
264	TRAINING	B5	TRAINING
265	POLICE DISPATCH	A	OFFICE
S102	STAIR 1	E	STAIR



1 FIRST FLOOR SIGNAGE PLAN
A-702 SCALE: 1/8" = 1'-0"



2 SECOND FLOOR PLAN SIGNAGE PLAN
A-702 SCALE: 1/8" = 1'-0"

Key Plan

No.	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

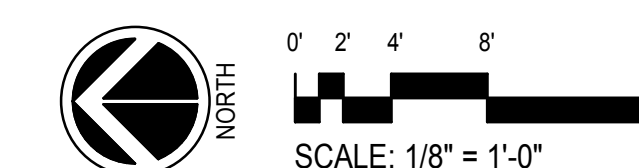
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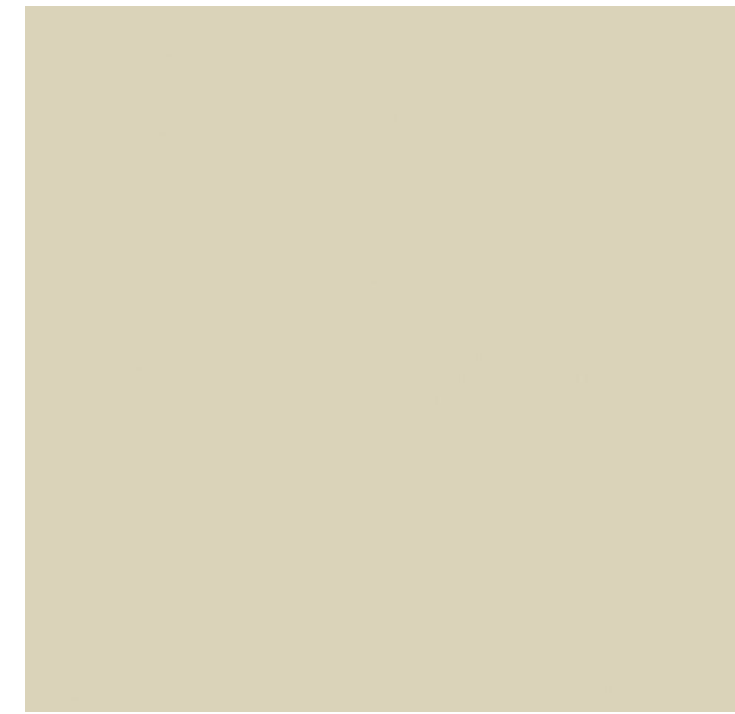
Phase
IFB #08-22
Project No.
2019.331.004
Date
12/23/2021 (PERMIT REVISIONS)
04/01/2022
Drawing Title
SIGNAGE FLOOR PLANS
Drawing No.

SIGNAGE FLOOR PLANS

Drawing No.



A-702
SCALE: 1/8" = 1'-0"



BREAKROOM / RESTROOM COUNTERS

SSM-1
CORIAN / BONE



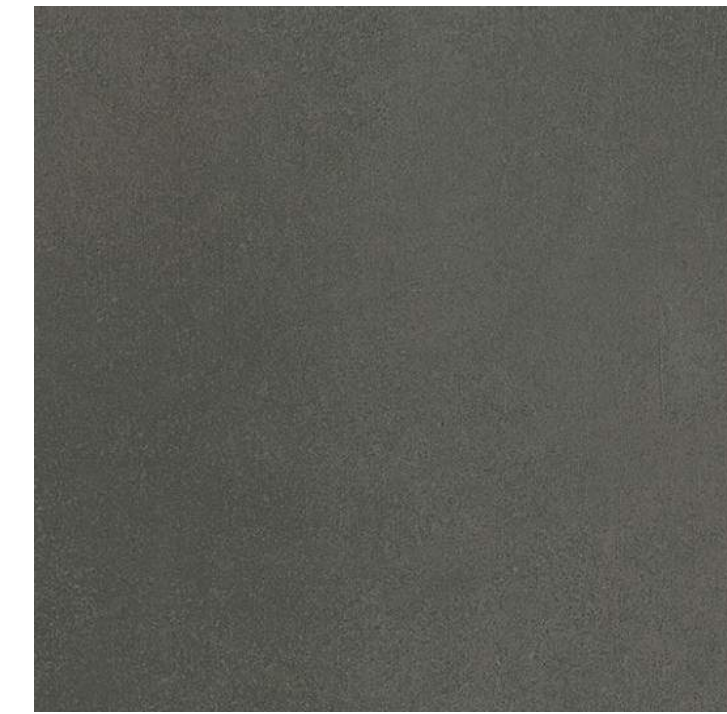
TILE IN ATRIUM / GENDER NEUTRAL RESTROOMS / 1ST FL CONF. CORR

CT-1
DAL TILE / UNITY TEXTURED NERO BLACK



BASE TILE IN 1ST FL CONF. CORR, ROOF FINISH IN VESTIBULE

CT-1A
DAL TILE / UNITY POLISHED NERO BLACK



RESTROOM / SHOWER WALL TILE

CT-2
DAL TILE / VOL 1.0 AMPLIFY BLACK VL70



RESTROOM / SHOWER WALL TILE

CT-3
DAL TILE / VOL 1.0 - REVERB ASH VL74



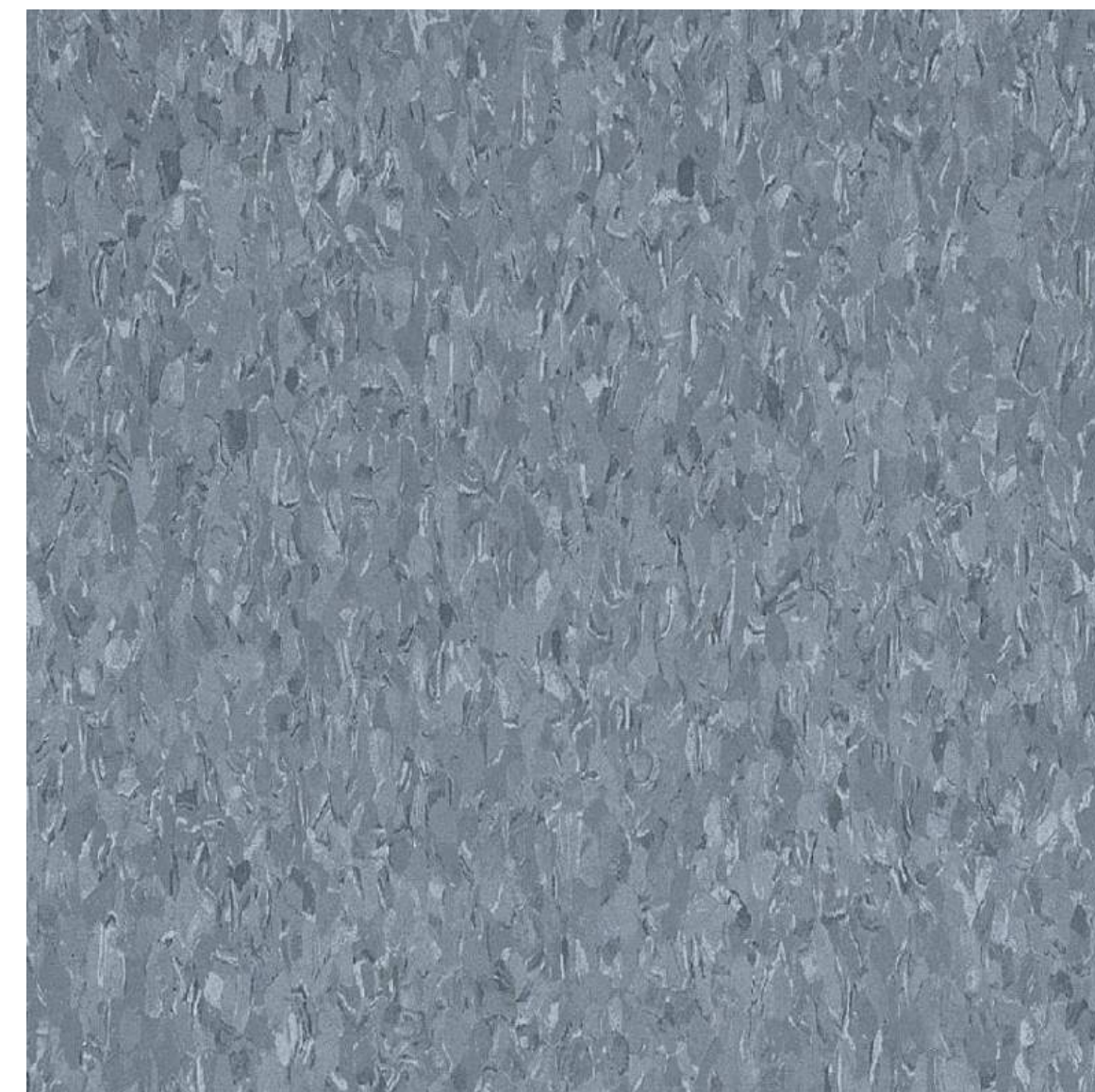
RESTROOM / SHOWER WALL TILE

CT-4
DAL TILE / GLOBAL GREY AM35 VL74



FLOOR FIELD TILE IN CREW SUPERVISOR SUITE & BREAK ROOMS, ACCENT TILE IN LOCKER ROOMS

VCT-1
ARMSTRONG / SANDRIFT WHITE 51858



ACCENT TILE IN CREW SUPERVISOR SUITE & BREAK ROOMS, FLOOR FIELD TILE IN LOCKER ROOMS

VCT-2
ARMSTRONG / DUTCH DELFT 51916



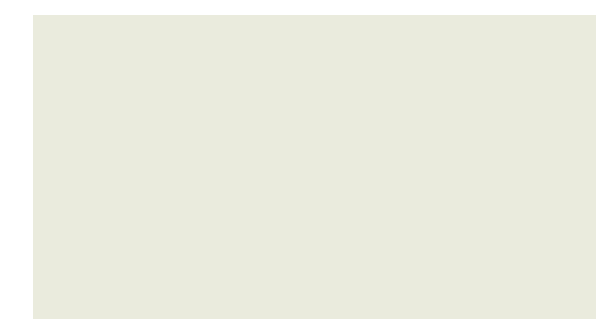
CONFERENCE ROOMS & 2ND FLOOR SPACES

CPT - 1
MANNINGTON / TELEJECTOR PHANTOMIC 32641



FITNESS ROOM

RF-1
KEIFER / MONDO 011 MEDIUM GRAY



FIELD PAINT

PNT-1
SHERWIN WILLIAMS / ALABASTER SW7008



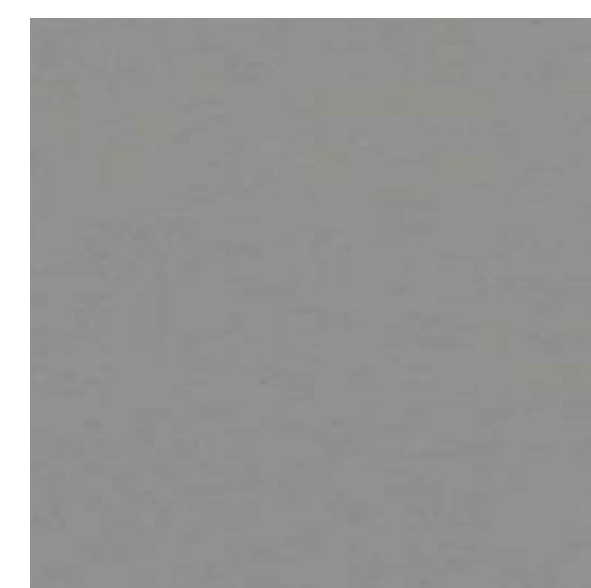
ACCENT PAINT

PNT-2
SHERWIN WILLIAMS / GRECIAN IVORY SW7514



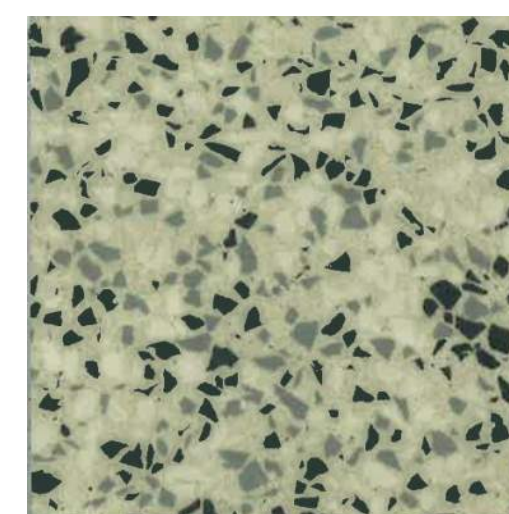
ACCENT PAINT

PNT-3
SHERWIN WILLIAMS / HONEST BLUE SW6520



COMMON RESTROOM TOILETS

TOILET PARTITIONS
GLOBAL ASI / GRAY MIST 3450C



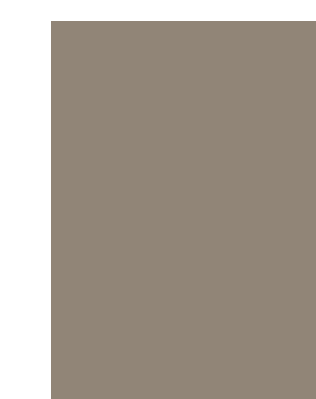
FLOORING FOR COMMON RESTROOM / SHOWER

RES
STONHARD / STONRES RTZ CANVAS



BREAKROOM CASEWORK

PL-1
WILSONART / BEIGEWOOD 7850



WALL BASE

RB-1
JOHNSONITE / FAWN CB 80



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
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CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1

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Phase IFB #08-22
Project No. 2019.331.004
Date 12/23/2021 (PERMIT REVISIONS 04/01/2022)

Drawing Title

FINISHES

Drawing No.

AI-101

GENERAL FIRE ALARM NOTES (APPLICABLE TO ALL FIRE ALARM DRAWINGS)	
1.	DRAWINGS ARE CONCEPTUAL, INTENDED TO SHOW GENERAL SYSTEM CONFIGURATION AND PERFORMANCE. PREPARE SHOP DRAWINGS AND PROVIDE CONDUITS, WIRING, SYSTEM COMPONENTS AND EQUIPMENT FOR A COMPLETE AND OPERATIONAL SYSTEM IN COMPLIANCE WITH NFPA 70, NFPA 72, NFPA 90A, NFPA 101 IBC, THE AUTHORITY HAVING JURISDICTION AND THE CONTRACT DOCUMENTS.
2.	COORDINATE FIRE ALARM WORK WITH LOCAL FIRE MARSHAL, FIRE ALARM PLANS REVIEW, AND FIRE DEPARTMENT INSPECTORS.
3.	OBTAIN AND PAY FOR PERMITS REQUIRED FOR INSTALLATION OF FIRE ALARM SYSTEM. PROVIDE SHOP DRAWING SUBMITTAL DOCUMENTS TO AUTHORITY HAVING JURISDICTION TO OBTAIN PERMIT. SUBMITTAL MUST INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING: A. SCALED FLOOR PLANS WITH ROOM NAMES AND NUMBERS WHICH INDICATE USE OF ALL ROOMS. B. FIRE ALARM DEVICE AND CABLE SYMBOL LEGEND C. FLOOR PLAN LAYOUT SHOWING LOCATIONS OF ALL DEVICES AND CONTROL EQUIPMENT, INCLUDING MOUNTING HEIGHTS OF ALARM INITIATING DEVICES AND NOTIFICATION DEVICES. D. FIRE ALARM CONTROL PANEL AND ANNUNCIATOR LOCATION. E. POWER CONNECTION. F. BATTERY CALCULATIONS. G. VOLTAGE DROP CALCULATIONS FOR NOTIFICATION APPLIANCE CIRCUITS. H. SIZE, TYPE, AND NUMBER OF CONDUCTORS. I. MANUFACTURER'S TECHNICAL DATA SHEETS INCLUDING MODEL NUMBERS AND LISTING INFORMATION FOR EQUIPMENT, DEVICES, AND MATERIALS. J. DETAILS OF CEILING HEIGHT AND CONSTRUCTION. K. INTERFACE OF FIRE SAFETY CONTROL FUNCTIONS. L. FIRE ALARM SYSTEM RISER. M. SEQUENCE OF OPERATIONS INPUT/OUTPUT MATRIX. N. DEVICE TO DEVICE WIRING. O. LOUDNESS AND CANDELA SETTINGS FOR EVERY NOTIFICATION APPLIANCE.
4.	FIRE ALARM BRANCH CIRCUIT IDENTIFICATION MUST COMPLY WITH NFPA 70 AND NFPA 72: • PROVIDE APPROVED RED CIRCUIT BREAKER LOCKOUT DEVICE FOR EACH CIRCUIT BREAKER SERVING A FIRE ALARM CIRCUIT. • IDENTIFY EACH FIRE ALARM CIRCUIT WITH A RED PHENOLIC NAMEPLATE WITH WHITE LETTERING. NAMEPLATE MUST READ "FIRE ALARM CIRCUIT". FASTEN NAMEPLATE IN PANELBOARD ADJACENT TO CIRCUIT BREAKER.
5.	IDENTIFY POWER SOURCE AND LOCATION OF BRANCH CIRCUIT DISCONNECTING SERVING FIRE ALARM EQUIPMENT. FASTEN PHENOLIC NAMEPLATE TO FIRE ALARM SYSTEM PANEL(S) INDICATING LOCATION OF DEDICATED BRANCH CIRCUIT DISCONNECTING MEANS. NAMEPLATE MUST READ "THIS PANEL FED FROM PANEL _____, CIRCUIT NO. _____, LOCATED IN _____"
6.	IDENTIFY EACH FIRE ALARM DEVICE AND EQUIPMENT ENCLOSURE. DEVICE LABELS MUST INDICATE ADDRESS AND ZONE.
7.	IDENTIFY FIRE ALARM CIRCUITS AT TERMINAL AND JUNCTION LOCATIONS WITH PERMANENT LABELS. PAINT FIRE ALARM CIRCUIT JUNCTION BOX COVERS RED AND LABEL COVER "FIRE ALARM". MARK CONDUITS CARRYING FIRE ALARM SYSTEM CIRCUITS WITH RED STRIPE EVERY 10 FEET.
8.	IDENTIFY FIRE ALARM CIRCUITS AT TERMINAL AND JUNCTION LOCATIONS WITH PERMANENT LABELS. PAINT FIRE ALARM CIRCUIT JUNCTION BOX COVERS RED AND LABEL COVER "FIRE ALARM". PAINT CONDUITS CARRYING FIRE ALARM SYSTEM CIRCUITS RED.
9.	PERFORM RE-ACCEPTANCE TESTING IN ACCORDANCE WITH NFPA 72 TO VERIFY PROPER OPERATION OF ADDED OR REPLACED DEVICES INCLUDING BUT NOT LIMITED TO INITIATING DEVICES, NOTIFICATION APPLIANCES, EMERGENCY CONTROL FUNCTION DEVICES AND CONTROL EQUIPMENT.
10.	FIRE ALARM ZONES SHALL NOT EXCEED 22,500 SQUARE FEET.

CARBON MONOXIDE DETECTION AND WARNING (APPLICABLE TO ALL FIRE ALARM DRAWINGS)	
a.	OCCUPANT NOTIFICATION SHALL BE IN ACCORDANCE WITH 2015 NFPA 720 ARTICLE 5.8.6.2.2.
b.	CARBON MONOXIDE ALARM SIGNALS SHALL BE TRANSMITTED TO A CONSTANTLY ATTENDED OFF-PREMISES SUPERVISING STATION.
c.	SELECTIVE PUBLIC MODE OCCUPANT NOTIFICATION WILL BE LIMITED TO THE NOTIFICATION ZONE ENCOMPASSING THE AREA WHERE THE CARBON MONOXIDE SIGNAL WAS INITIATED.
d.	VISUAL NOTIFICATION SHALL BE BY BLUE FLASHING LIGHT TO ALERT OCCUPANTS OF THE PRESENCE OF CARBON MONOXIDE.
e.	AUDIBLE NOTIFICATION SHALL BE BY FIRE ALARM SYSTEM HORN. HORN SHALL PRODUCE A FOUR-PULSE TEMPORAL PATTERN TO ALERT OCCUPANTS OF THE PRESENCE OF CARBON MONOXIDE.

FIRE ALARM LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT
☉	FIRE ALARM SYSTEM - SMOKE DETECTOR - AREA (CEILING/WALL MOUNT) SUBSCRIPTS: P: PHOTOELECTRIC TYPE (DEFAULT IF NO SUBSCRIPT INDICATED) I: IONIZATION TYPE IAF: IONIZATION TYPE (RATES FOR 0 - 1000 FPM AIR FLOW) DH: DOOR HOLD RELEASE FUNCTION E: ELEVATOR RECALL FUNCTION	--/ SEE DETAIL
☉	FIRE ALARM SYSTEM - SMOKE DETECTOR, DUCT DETECTOR WITH SAMPLING TUBE. SUBSCRIPT IDENTIFIES EQUIPMENT TO BE CONTROLLED FOR SHUTDOWN	--
☉H	FIRE ALARM SYSTEM - SMOKE DAMPER WITH DUCT SMOKE DETECTOR WITH 120V POWER CONNECTION TO DAMPER	--
☉H	FIRE ALARM SYSTEM - FIRE SMOKE DAMPER WITH DUCT SMOKE DETECTOR, WITH 120V POWER CONNECTION TO DAMPER.	--
☉	CARBON MONOXIDE DETECTOR (CEILING/WALL MOUNT)	SEE DETAIL
☉	FIRE ALARM SYSTEM - SPRINKLER FLOW DETECTION SWITCH	--
☉	FIRE ALARM SYSTEM - VALVE WITH TAMPER DETECTION SWITCH	--
☉	FIRE ALARM SYSTEM - MANUAL PULL STATION	46"
☉	FIRE ALARM SYSTEM - ADDRESSABLE MODULE	--
☉	FIRE ALARM SYSTEM - STROBE (CEILING/WALL MOUNT) SUBSCRIPTS: C: CO ALARM NOTIFICATION DEVICE WP: WEATHERPROOF WG: WIRE GUARD EP: EXPLOSION PROOF	--/86"
☉	FIRE ALARM SYSTEM - HORN (CEILING/WALL MOUNT) SUBSCRIPTS: C: CO ALARM NOTIFICATION DEVICE WP: WEATHERPROOF WG: WIRE GUARD	--/86"
☉	FIRE ALARM SYSTEM - HORN STROBE (CEILING/WALL MOUNT) SUBSCRIPTS: CO: CO ALARM NOTIFICATION DEVICE WP: WEATHERPROOF WG: WIRE GUARD	--/86"
☉	FIRE ALARM SYSTEM - FIRE ALARM CONTROL PANEL	78" TO TOP
☉	FIRE ALARM SYSTEM - FIRE ALARM BOOSTER PANEL	78" TO TOP
☉	FIRE ALARM SYSTEM - FIRE ALARM SYSTEM ANNUNCIATOR PANEL	78" TO TOP

NOTES: (APPLICABLE TO FIRE ALARM LEGEND ONLY)
1. THE MOUNTING HEIGHTS GIVEN ON THIS SHEET IN THE FIRE ALARM LEGEND ARE GENERAL AND SHALL BE USED ONLY WHEN MOUNTING HEIGHTS CANNOT BE ESTABLISHED BY REFERENCE TO DETAILS, ELEVATIONS, AND NOTES ON THE DRAWINGS.
2. ALL MOUNTING HEIGHTS, UNLESS OTHERWISE NOTED, SHALL BE MEASURED FROM THE FINISHED FLOOR TO THE CENTERLINE OF THE OUTLET OR DEVICE.
3. HEIGHTS OF ALL ITEMS NOT COVERED BY THE FIRE ALARM LEGEND AND NOT SHOWN ON THE DRAWINGS SHALL BE AS DIRECTED BY THE ARCHITECT OR ENGINEER.
4. WHERE PLACING ANY ITEM AT THE HEIGHTS LISTED OR NOTED WILL CAUSE INTERFERENCE WITH THE WORK OF OTHER TRADES, OR IS NOT PHYSICALLY POSSIBLE OR DESIRABLE FOR ONE REASON OR ANOTHER, THE ITEM SHALL BE INSTALLED AT A LOCATION APPROVED BY THE ARCHITECT OR ENGINEER.

SYSTEM INPUTS	SYSTEM OUTPUTS																												
	CONTROL UNIT ANNUNCIATION														NOTIFICATION								EMERGENCY CONTROL FUNCTION				SUPPLEMENTARY		
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB	
1	MANUAL PULL STATION	•	•																										
2	AREA SMOKE OR HEAT DETECTOR	•	•																										
3	FIRE ALARM SYSTEM AC POWER FAILURE					•	•																						
4	FIRE ALARM SYSTEM LOW BATTERY					•	•																						
5	FIRE ALARM SYSTEM OPEN CIRCUIT					•	•																						
6	FIRE ALARM SYSTEM GROUND FAULT					•	•																						
7	FIRE ALARM SYSTEM NOTIFICATION APPLIANCE SHORT CIRCUIT					•	•																						
8	SPRINKLER WATER FLOW SWITCH	•	•																										
9	SPRINKLER VALVE TAMPER SWITCH																												
10	ELEVATOR LOBBY SMOKE DETECTOR																												
11	HVAC DUCT SMOKE DETECTOR																												
12	SMOKE DETECTOR AT SMOKE DAMPER																												
13	SMOKE DETECTOR AT FIRE-SMOKE DAMPER																												
14	GENERATOR COMMON TROUBLE																												
15	GENERATOR STATUS RUNNING																												
16	CARBON MONOXIDE DETECTOR																												

4 FIRE ALARM MATRIX
FA001 N.T.S.

FIRE ALARM CONVENTIONS	
REFERENCE	
	SECTION DESIGNATION NUMBER DENOTES SECTION IDENTIFICATION DRAWING NUMBER WHERE DETAIL IS LOCATED
	DETAIL DESIGNATION NUMBER DENOTES DETAIL IDENTIFICATION DRAWING NUMBER WHERE DETAIL IS LOCATED
	SPECIAL NOTE (APPLIES WHERE INDICATED ON THE DRAWING)
	SPECIAL EQUIPMENT NUMBER
PRESENTATION	
	FIRE ALARM EQUIPMENT DESIGNATED BY SOLID LIGHT LINEWEIGHT INDICATES NEW WORK TO BE PROVIDED.
	FIRE ALARM EQUIPMENT DESIGNATED BY SOLID LIGHT LINEWEIGHT INDICATES EXISTING EQUIPMENT TO REMAIN, UNLESS OTHERWISE INDICATED.
	FIRE ALARM EQUIPMENT DESIGNATED BY DASHED HEAVY LINEWEIGHT REPRESENTS EXISTING EQUIPMENT TO BE REMOVED AND DISPOSED, UNLESS INDICATED TO BE REMOUNTED, RELOCATED, OR TURNED OVER TO OWNER.
FIRE ALARM	
	CANDELA RATING
	DEVICE TYPE



APPROVED BY CITY OF ROCKVILLE, MD
DIRECTOR OF PUBLIC WORKS DATE
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Key Plan		
No.	Revision	Date
1	ADDENDUM 1	3/31/2022

Project Name		
CITY OF ROCKVILLE		
6 TAFT COURT RENOVATION PHASE 1		
ROCKVILLE	MARYLAND	

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Seal: [Professional Engineer Seal]
Phase: IFB #08-22
Project No.: 0219.331.004
Date: 12/23/2021

Drawing Title: FIRE ALARM COVER SHEET

Drawing No.: FA001

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- UNLESS OTHERWISE NOTED, FIRE ALARM ITEMS SHOWN BY DASHED HEAVY LINEWEIGHT (-----) INDICATES EXISTING WORK TO BE REMOVED. FIRE ALARM ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (---) INDICATES EXISTING ITEMS TO REMAIN.
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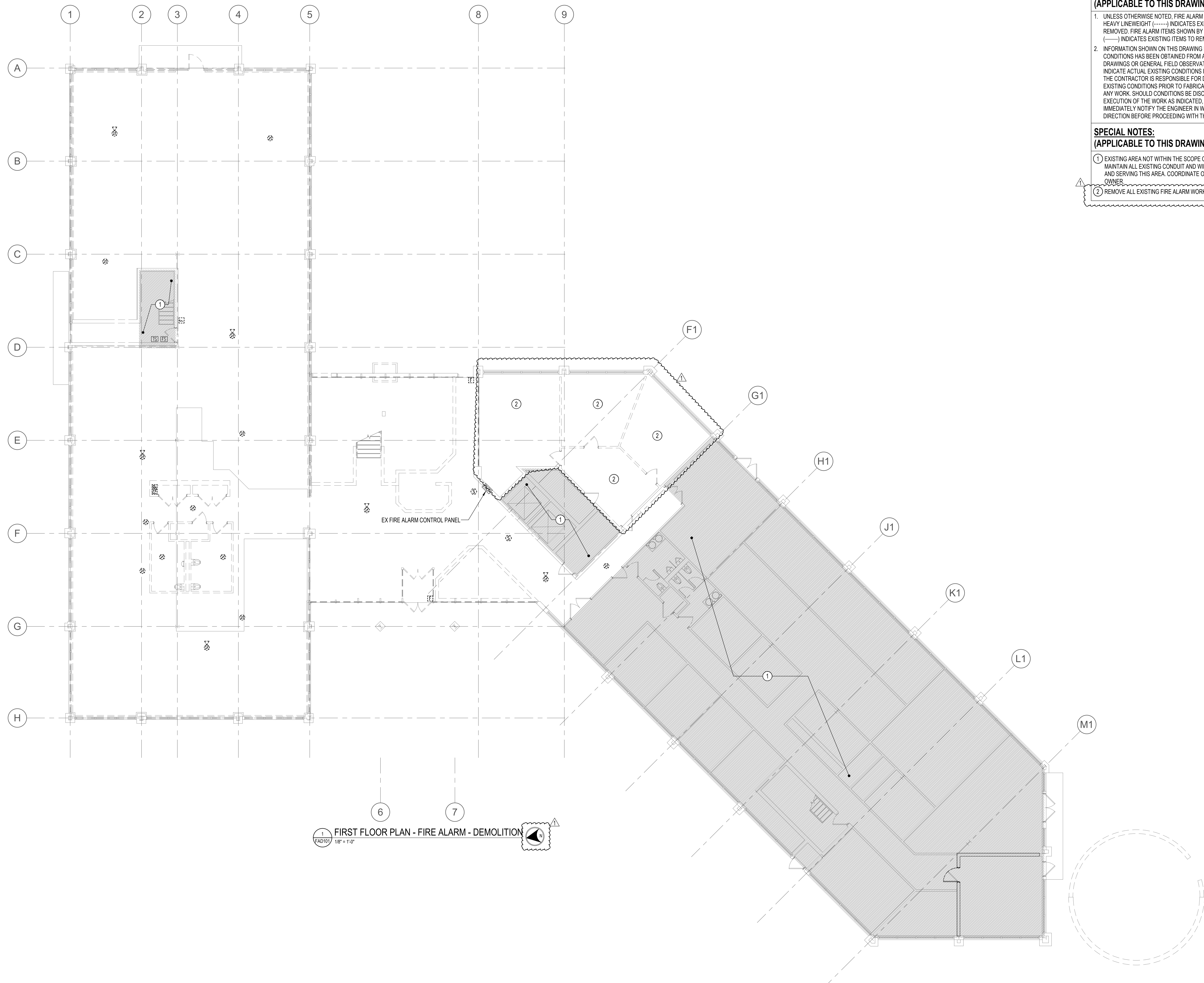
SPECIAL NOTES:
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- EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT. MAINTAIN ALL EXISTING CONDUIT AND WIRING PASSING THROUGH AND SERVING THIS AREA. COORDINATE OUTAGES IN ADVANCE WITH OWNER.
- REMOVE ALL EXISTING FIRE ALARM WORK IN THIS AREA.

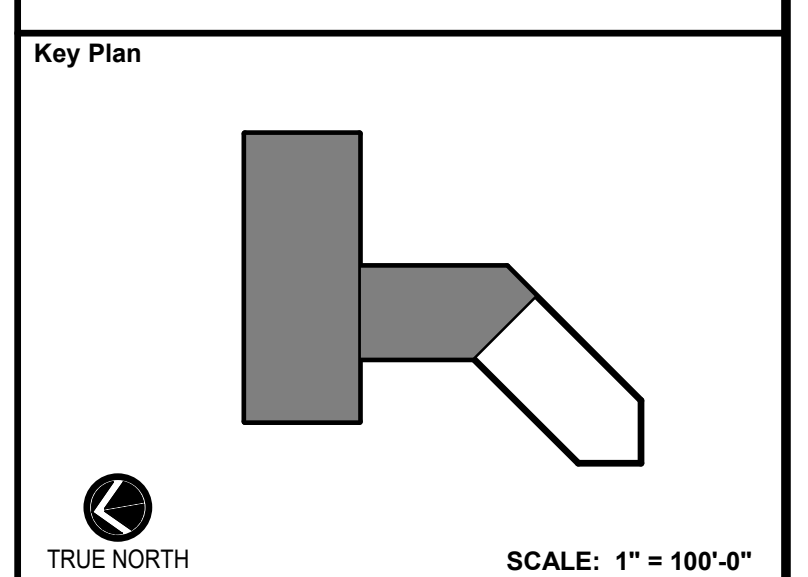


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DIRECTOR OF PUBLIC WORKS DATE
 SEPARATE BUILDING PERMIT(S) FROM INSPECTION
 SERVICES DIVISION ARE REQUIRED FOR ON-SITE
 CONSTRUCTION



1 FIRST FLOOR PLAN - FIRE ALARM - DEMOLITION
 FAD101 1/8" = 1'-0"



No.	Revision	Date
1	ADDENDUM 1	3/31/2022

Project Name
 CITY OF ROCKVILLE
 6 TAFT COURT RENOVATION
 PHASE 1
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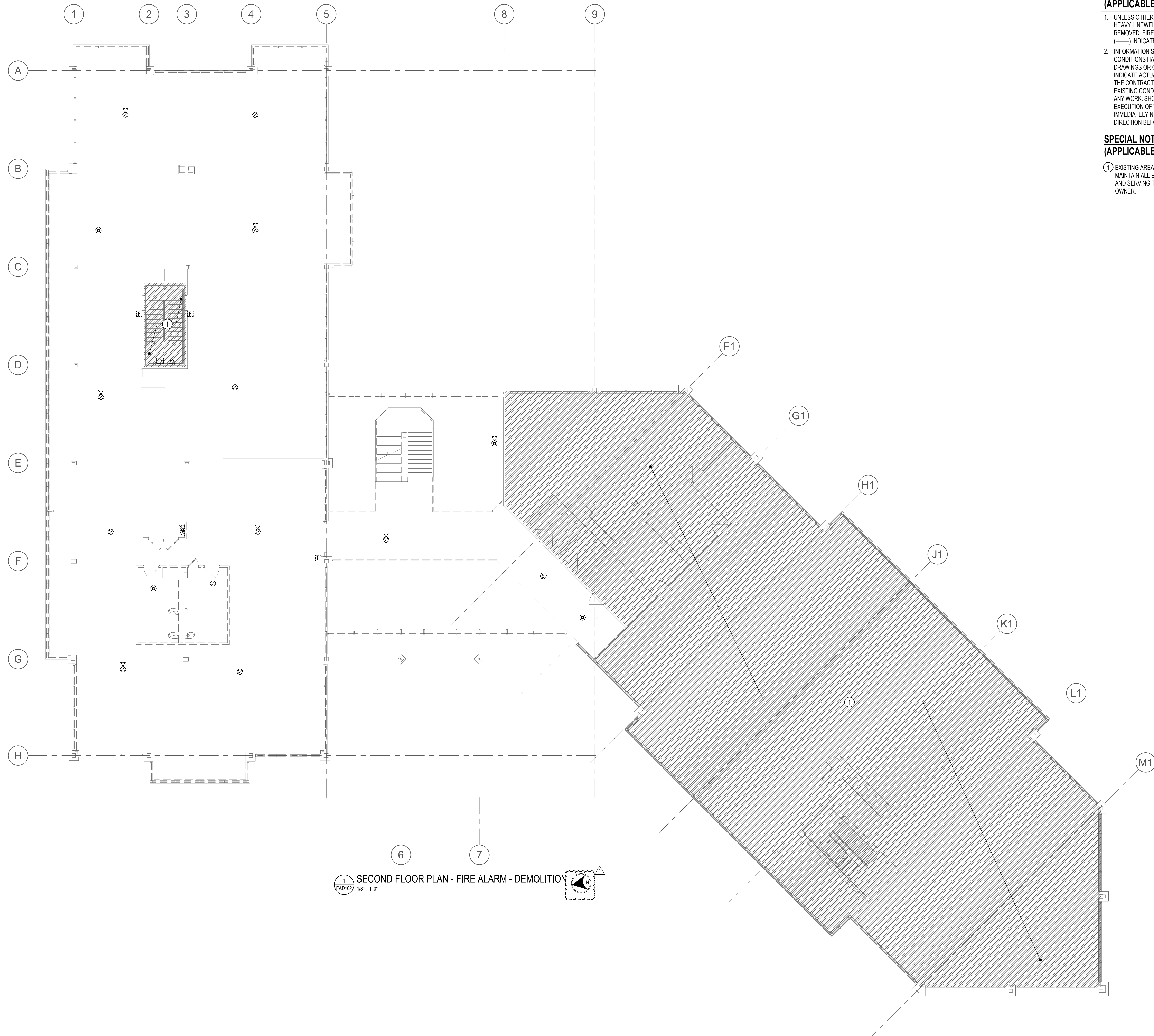
Seal

 Phase IFB #08-22
 Project No. 0219.331.004
 Date 12/23/2021

Drawing Title
 FIRST FLOOR PLAN - FIRE
 ALARM - DEMOLITION

Drawing No.
FAD101





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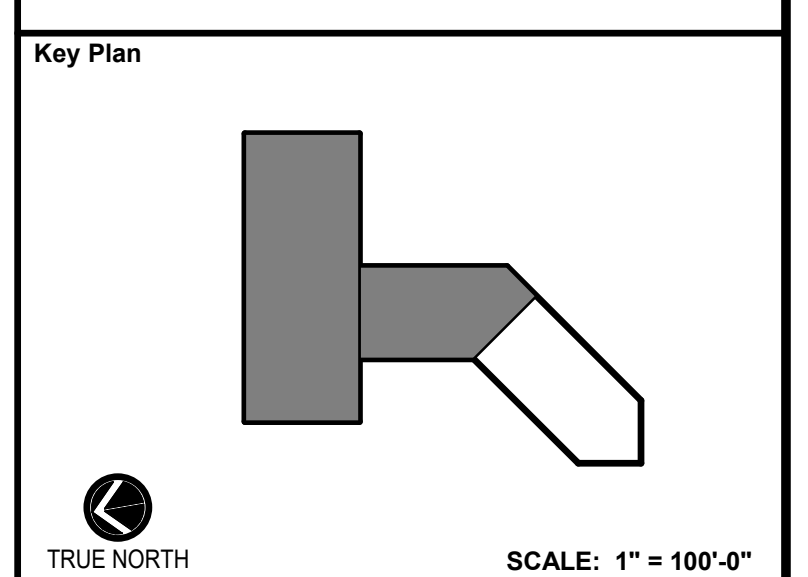
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 Phase IFB #08-22
 Project No. 0219.331.004
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Drawing Title
SECOND FLOOR PLAN - FIRE ALARM - DEMOLITION

Drawing No.
FAD102

1 SECOND FLOOR PLAN - FIRE ALARM - DEMOLITION
 FAD102 1/8" = 1'-0"





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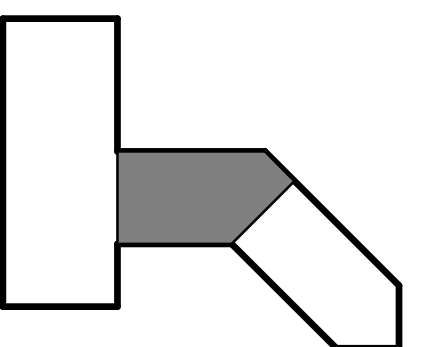
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Key Plan



TRUE NORTH SCALE: 1" = 100'-0"

No.	Revision	Date
1	ADDENDUM 1	3/31/2022

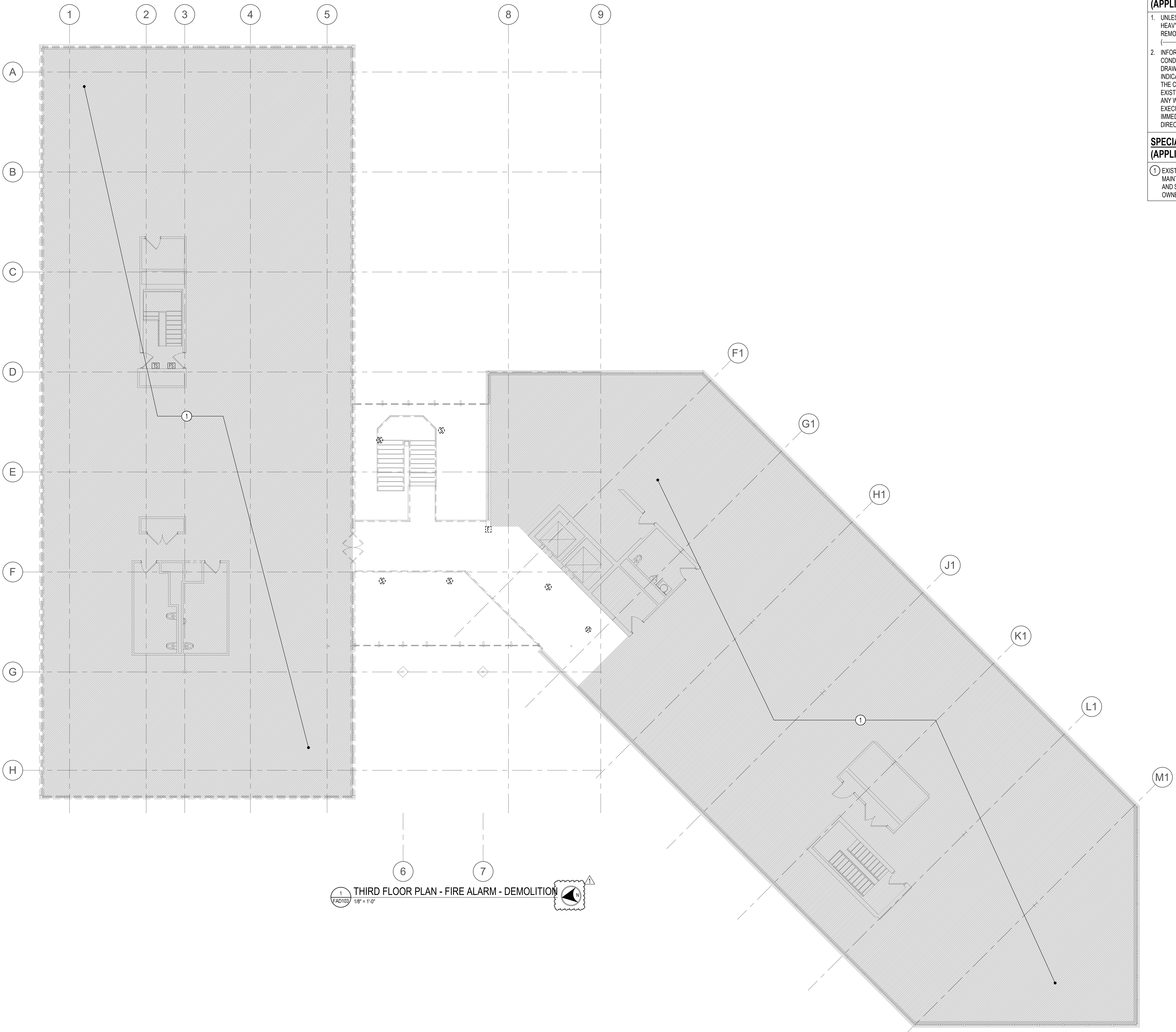
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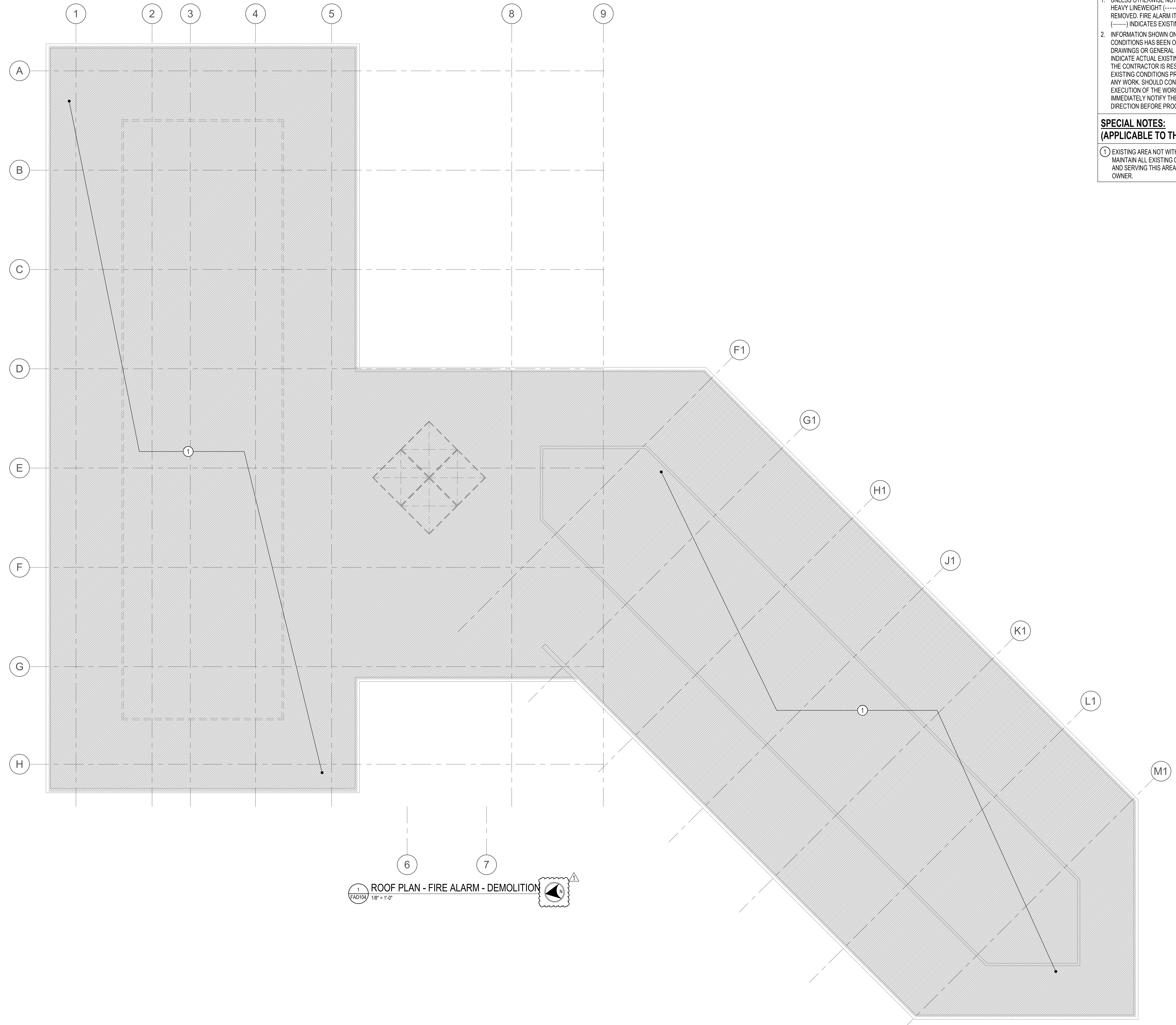
Drawing Title
THIRD FLOOR PLAN - FIRE ALARM - DEMOLITION

Drawing No.
FAD103



1 THIRD FLOOR PLAN - FIRE ALARM - DEMOLITION
 FAD103 1/8" = 1'-0"

1/8" = 1'-0" 0 4 8 16 24 FT



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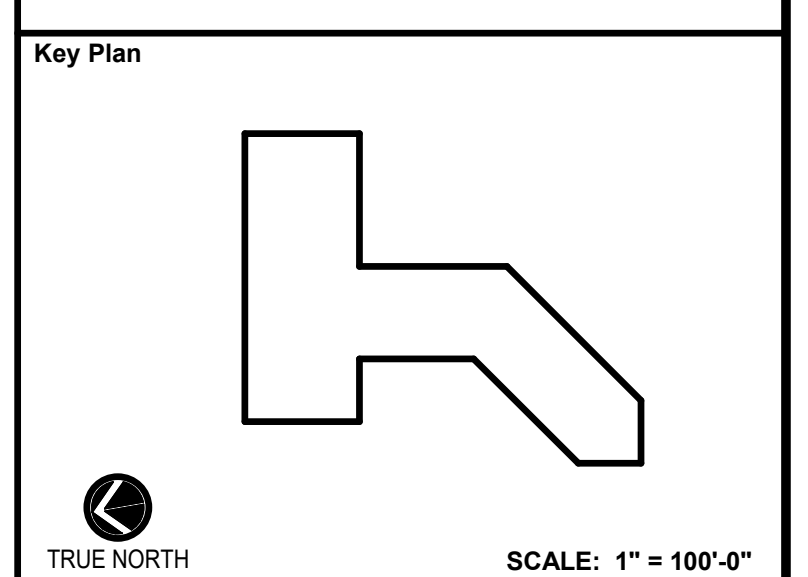
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Seal

 Date: 12/23/2021

Phase: IFB #08-22
 Project No.: 0219.331.004

Drawing Title
 ROOF PLAN - FIRE ALARM -
 DEMOLITION

Drawing No.
FAD104

1 ROOF PLAN - FIRE ALARM - DEMOLITION
 FAD104 1/8" = 1'-0"





1 FA101 FIRST FLOOR PLAN - FIRE ALARM - NEW WORK
1/8" = 1'-0"

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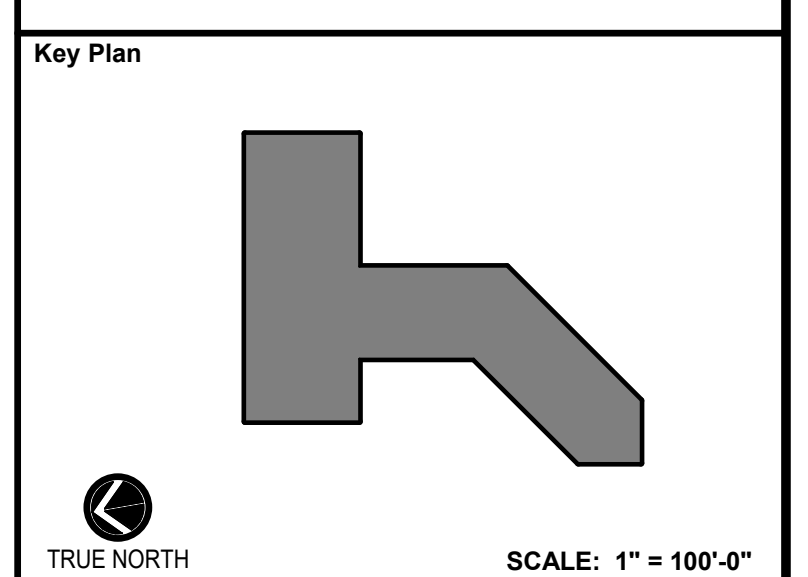
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- PROVIDE NECESSARY ADDRESSABLE MODULES AND FIRE ALARM CONNECTIONS TO THE GENERATOR TO MONITOR GENERATOR RUNNING STATUS AND GENERATOR COMMON TROUBLE.
- FOR MONITORING GENERATOR CIRCUIT BREAKER, MAKE CONNECTION TO CIRCUIT BREAKER AUXILIARY CONTACTS TO INITIATE SUPERVISORY SIGNAL WHEN EMERGENCY SOURCE IS DISCONNECTED FROM ELECTRICAL DISTRIBUTION SYSTEM.



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PHASE 1**
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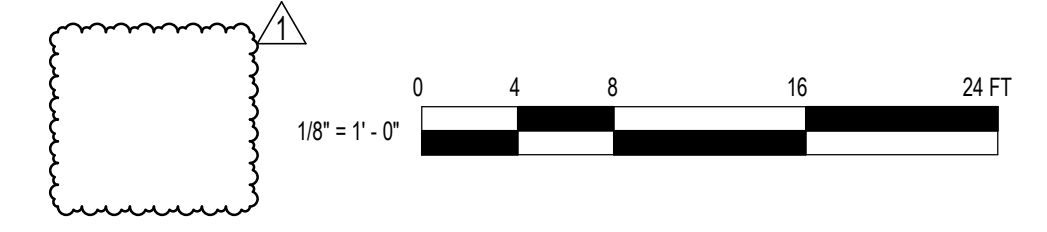
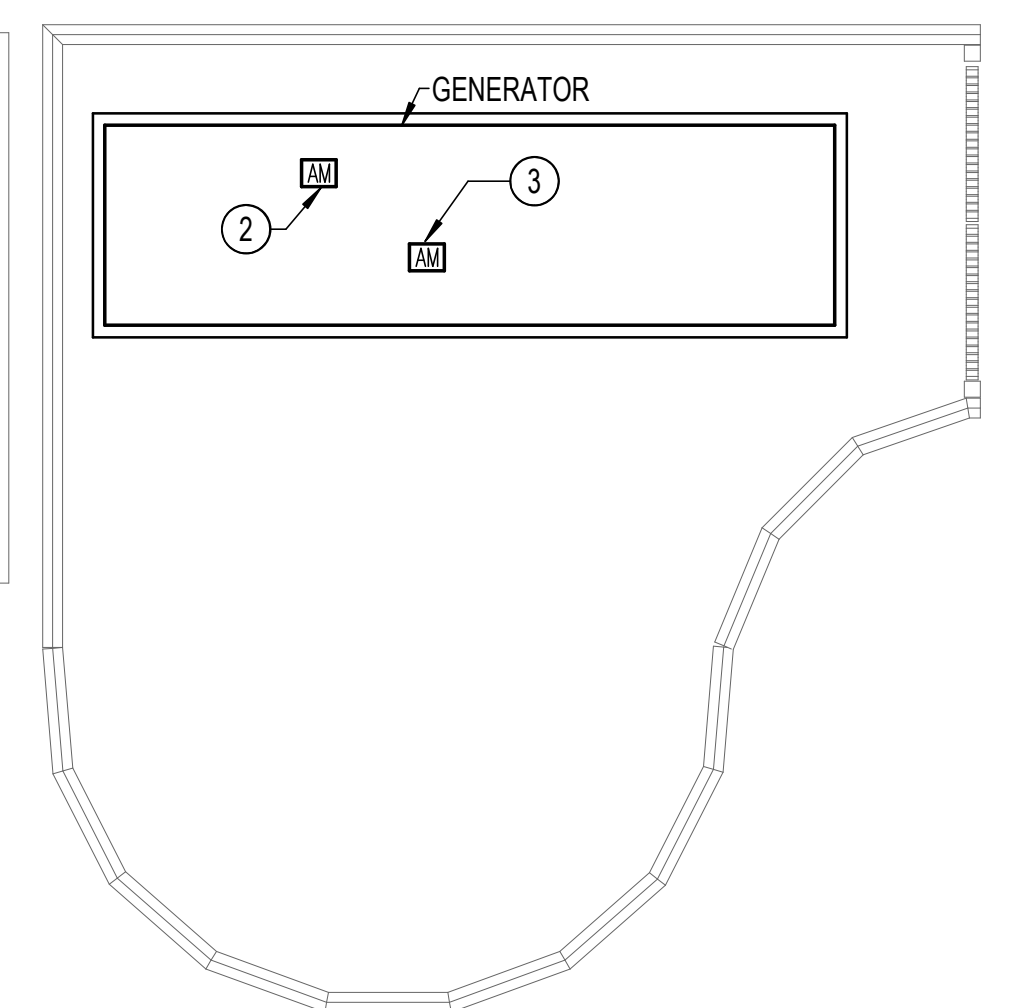
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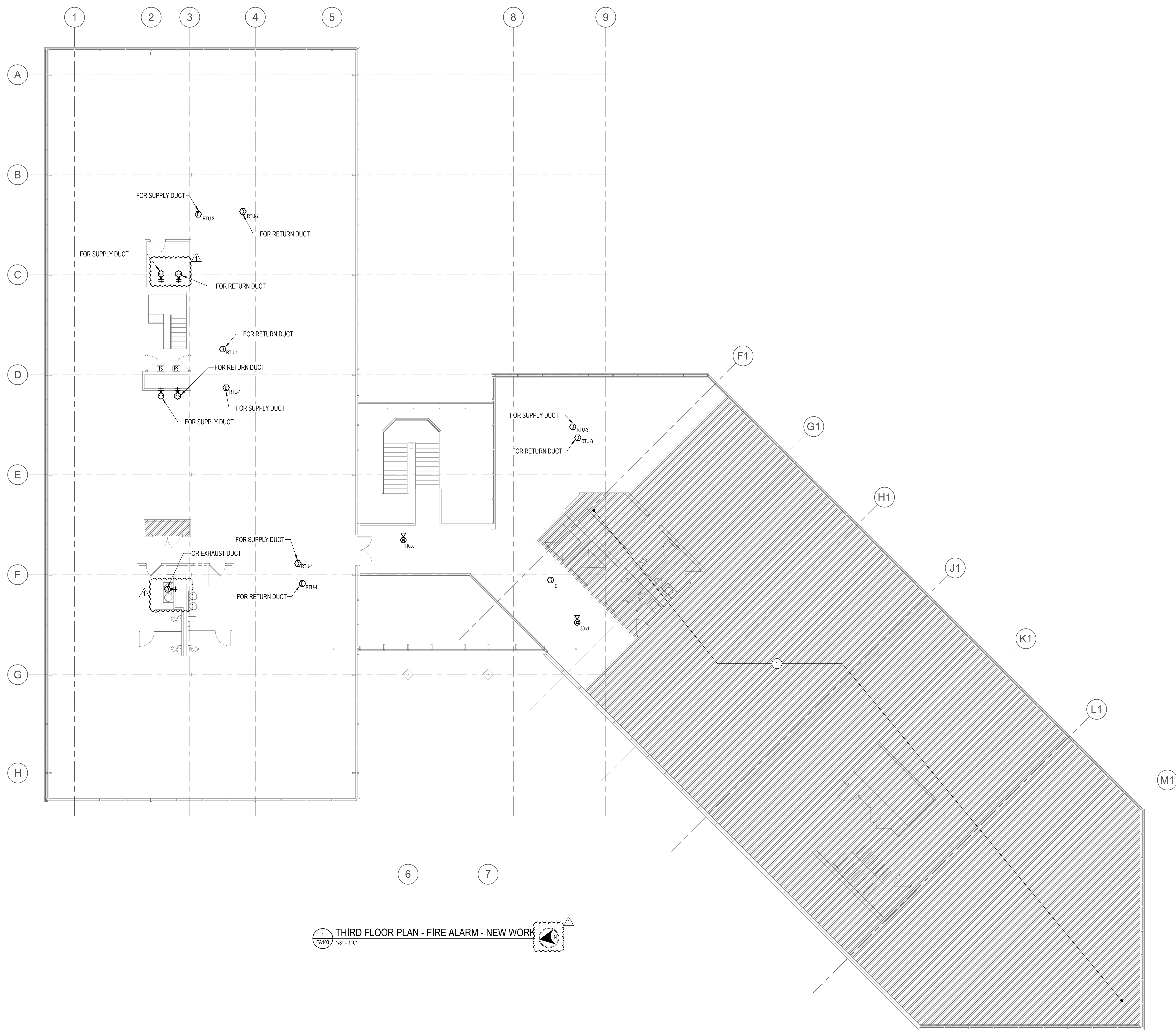
Seal of the State of Maryland Professional Engineer
Date: 12/23/2021

Phase: IFB #08-22
Project No.: 0219.331.004
Date: 12/23/2021

Drawing Title
FIRST FLOOR PLAN - FIRE ALARM - NEW WORK

Drawing No.
FA101





1 THIRD FLOOR PLAN - FIRE ALARM - NEW WORK
 FA103 1/8" = 1'-0"

DRAWING NOTES:
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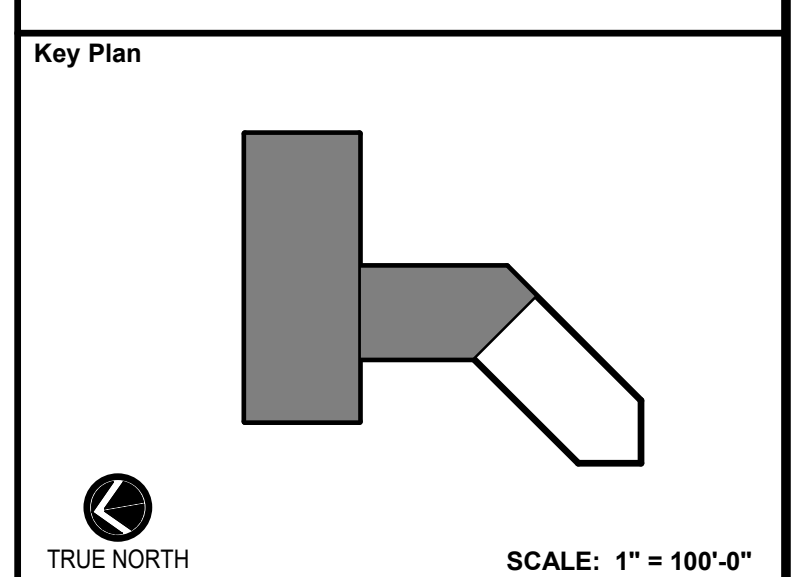
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DIRECTOR OF PUBLIC WORKS DATE
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No.	Revision	Date
1	ADDENDUM 1	3/31/2022

Project Name
 CITY OF ROCKVILLE
 6 TAFT COURT RENOVATION
 PHASE 1
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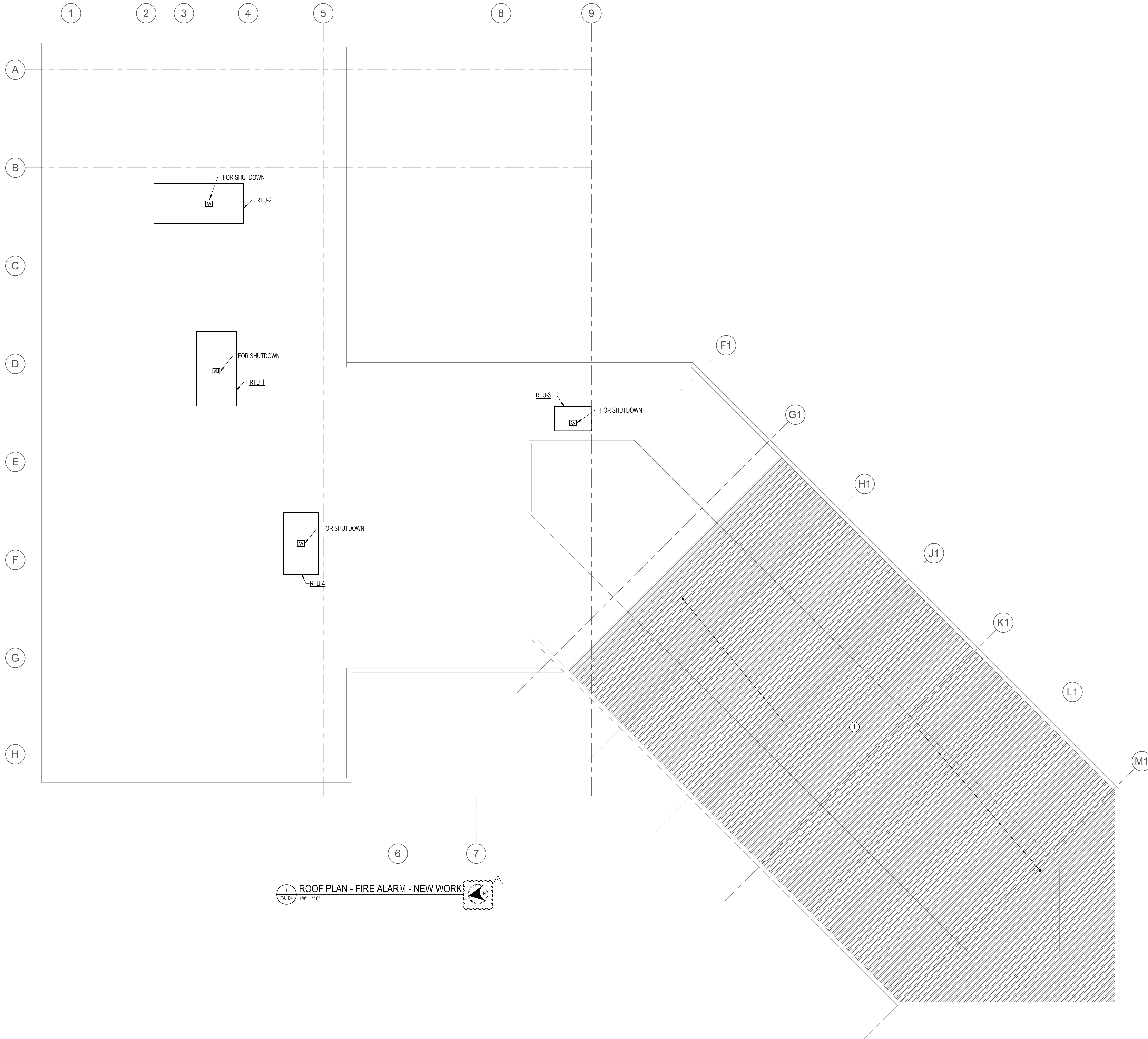
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	Phase IFB #08-22
	Project No. 0219.331.004
Date 12/23/2021	

Drawing Title
 THIRD FLOOR PLAN - FIRE
 ALARM - NEW WORK

Drawing No.
FA103





1
FA104
ROOF PLAN - FIRE ALARM - NEW WORK
1/8" = 1'-0"

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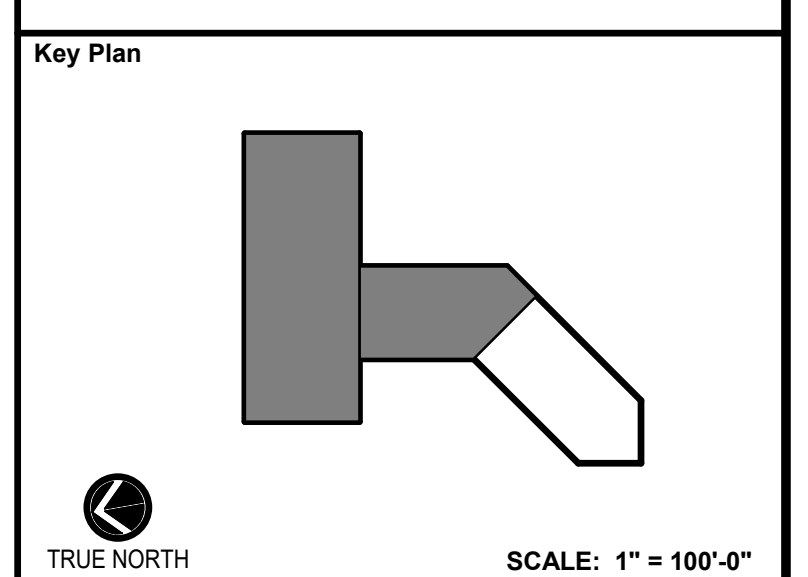
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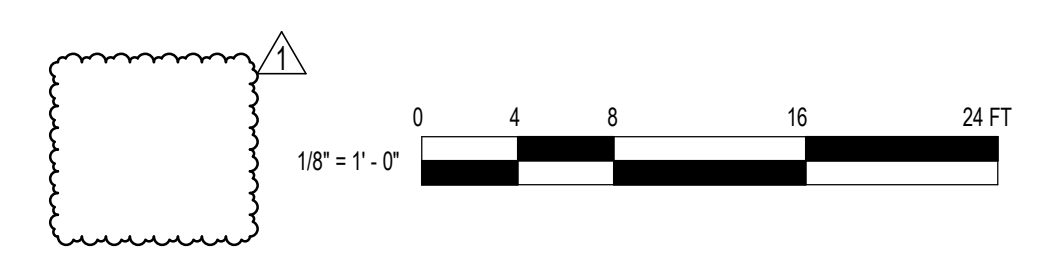
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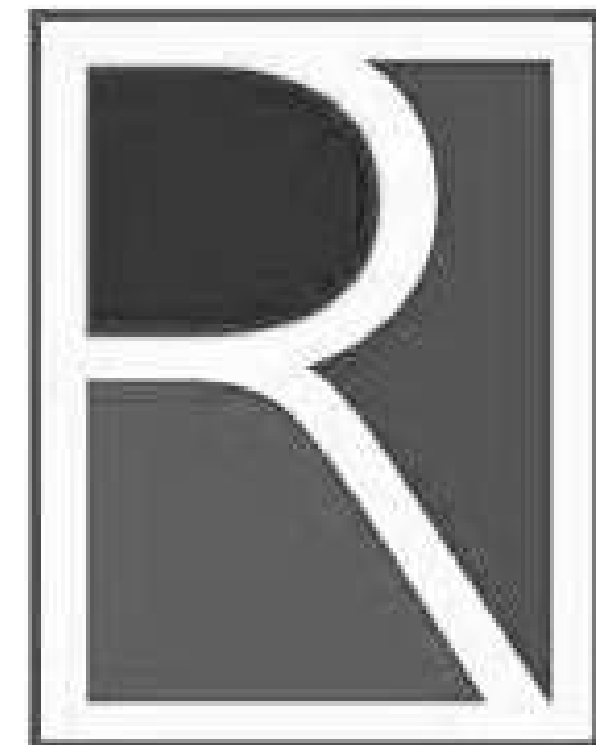
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STATE OF MARYLAND
PROFESSIONAL ENGINEER
No. 51056
Date
12/23/2021

Phase
IFB #08-22
Project No.
0219.331.004
Date
12/23/2021

Drawing Title
ROOF PLAN - FIRE ALARM -
NEW WORK

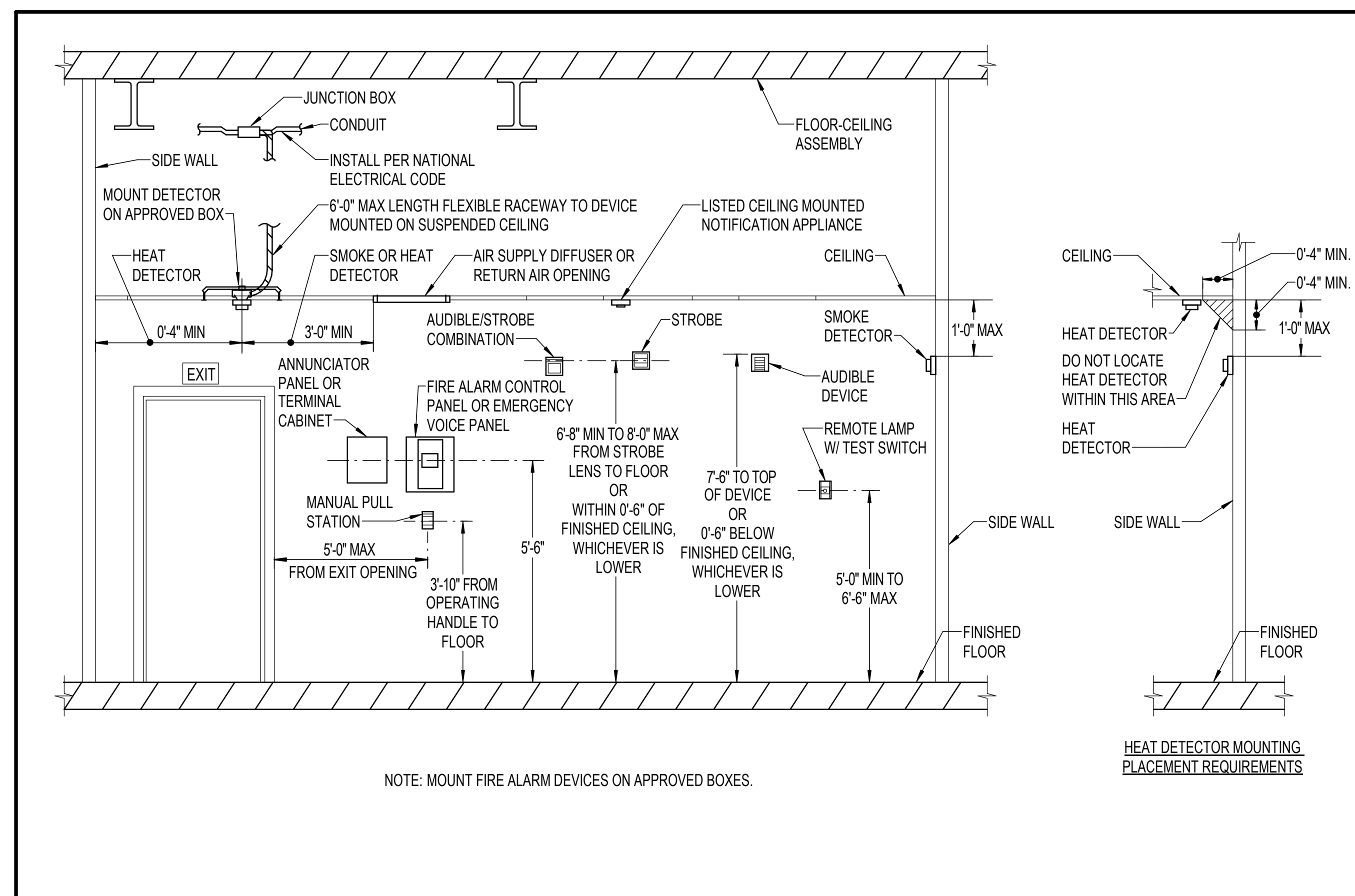
Drawing No.
FA104



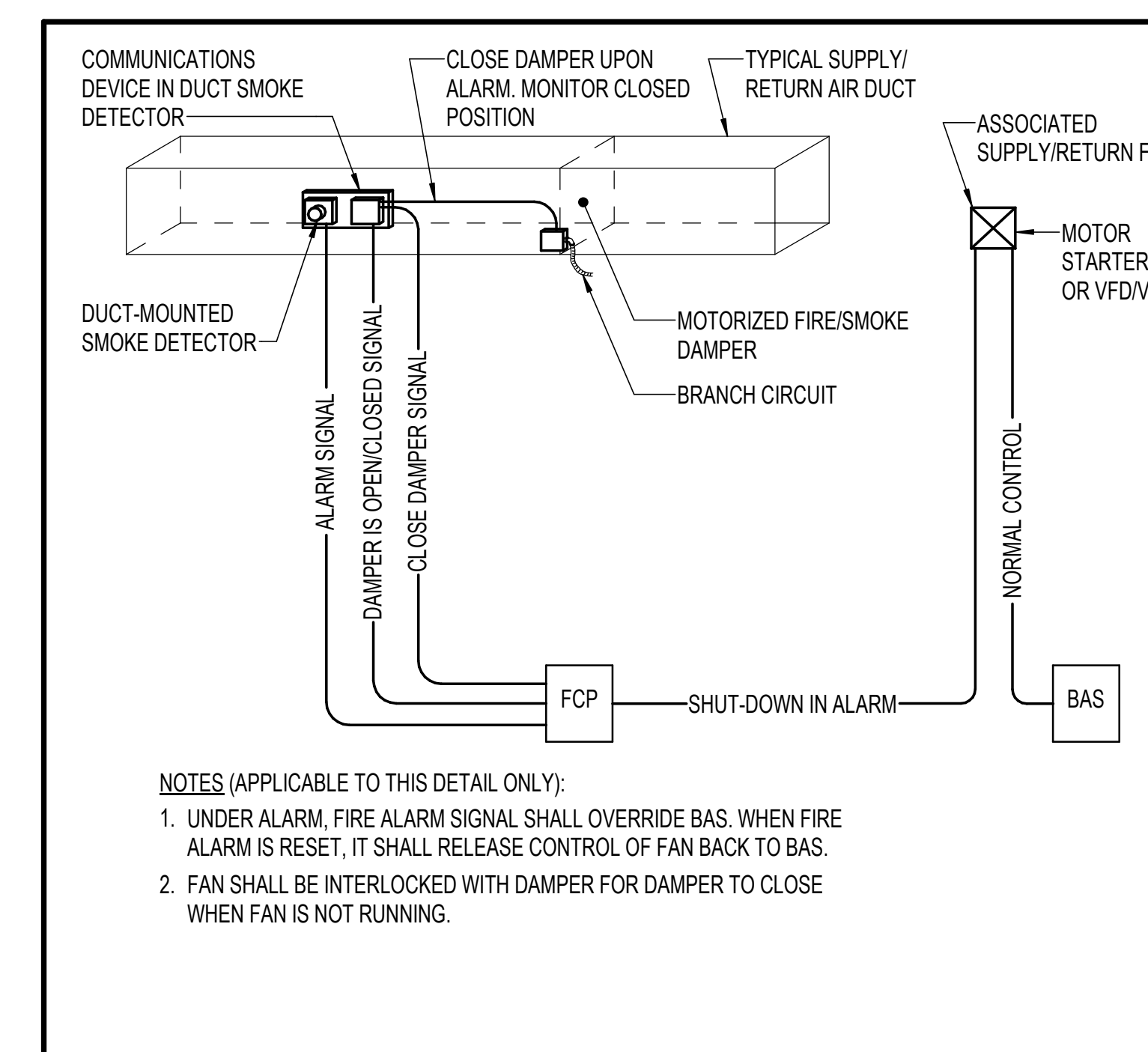


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1 FIRE ALARM DEVICE MOUNTING DETAIL
 FA501 N.T.S.



NOTES (APPLICABLE TO THIS DETAIL ONLY):
 1. UNDER ALARM, FIRE ALARM SIGNAL SHALL OVERRIDE BAS. WHEN FIRE ALARM IS RESET, IT SHALL RELEASE CONTROL OF FAN BACK TO BAS.
 2. FAN SHALL BE INTERLOCKED WITH DAMPER FOR DAMPER TO CLOSE WHEN FAN IS NOT RUNNING.

2 FIRE/SMOKE DAMPER SMOKE DETECTOR
 FA501 N.T.S.

Key Plan

No.	Revision	Date

Project Name
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PHASE 1
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Drawing Title
FIRE ALARM DETAILS

Drawing No.
FA501

FIRE PROTECTION ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
D	DIAMETER / DRAIN
DN	DOWN
DSP	DRY SPRINKLER PIPING
EX	EXISTING
F	FIRE / FIRE LINE
FDC	FIRE DEPARTMENT CONNECTION
FDV	FIRE DEPARTMENT VALVE
FP	FIRE PROTECTION
FS	FIRE SUPPRESSION FLOW SWITCH
FT	FEET / FOOT
HP	HORSEPOWER
N	NORTH
RX	REMOVE EXISTING
SP	SPRINKLER PIPING
TYP	TYPICAL
W	WITH

FIRE PROTECTION LEGEND

(APPLICABLE TO ALL FIRE PROTECTION DRAWINGS)

SYMBOL	DESCRIPTION
	DRAIN
	CONNECT TO EXISTING
	END POINT OF REMOVAL OF EXISTING
	PLAN/SECTION DESIGNATION TOP - PLAN SECTION REFERENCE, BOTTOM - REFERENCED DRAWING
	MANUAL NON-SUPERVISED VALVE
	FIRE LINE
	SPRINKLER PIPING
	PENDANT SPRINKLER HEAD
	FIRE SERVICE CHECK VALVE
	FLOW ALARM SWITCH
	SUPERVISED VALVE

GENERAL NOTES: (APPLICABLE TO ALL FIRE PROTECTION DRAWINGS)

1. PROVIDE AN EXTENSION/MODIFICATION OF THE EXISTING AUTOMATIC SPRINKLER SYSTEM THROUGHOUT THE RENOVATED AREAS OF THE BUILDING AS INDICATED. THE AUTOMATIC SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED IN FULL ACCORDANCE WITH THE REQUIREMENTS OF NFPA 13, IBC, LOCAL AND STATE AUTHORITIES AND THE SPECIFICATIONS.
2. FULLY COORDINATED SHOP DRAWINGS AND HYDRAULIC CALCULATIONS AND MANUFACTURER'S DATA SHEETS SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL BEFORE PURCHASE AND INSTALLATION. FINAL DESIGN OF THE SYSTEMS SHALL BE COORDINATED WITH FIELD CONDITIONS, THE ARCHITECT AND AVAILABLE WATER SUPPLY.
3. PROVIDE ALL NECESSARY PARTS AND ACCESSORIES EVEN THOUGH ALL PARTS AND ACCESSORIES ARE NOT SPECIFICALLY MENTIONED OR SHOWN HEREIN.
4. THE SPRINKLER SYSTEM PIPING SHALL BE SUBJECT TO A HYDROSTATIC PRESSURE TEST IN ACCORDANCE WITH NFPA 13.
5. PIPE HANGERS SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 13. ALL HANGER MATERIALS SHALL BE UL LISTED AND FM APPROVED.
6. FLUSHING CONNECTIONS SHALL BE PROVIDED ON THE SPRINKLER SYSTEM PIPING PER NFPA 13.
7. FIELD VERIFY ALL CONDITIONS AND MODIFY THE SHOP DRAWINGS ACCORDINGLY. ALL ITEMS OF EQUIPMENT SHALL BE INSTALLED BY ON-THE-JOB MEASUREMENTS AND COORDINATED WITH ALL OTHER TRADES. UNDER NO CIRCUMSTANCES SHALL THE DRAWINGS BE SCALED.
8. ALL FITTINGS SHALL BE 175 WWP.
9. APPROVED IDENTIFICATION SIGNS FOR ALL SYSTEM COMPONENTS SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 13.
10. ALL PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE PATCHED WITH APPROVED FIRE STOPPING MATERIAL TO MAINTAIN THE RATING OF THE WALL.
11. ALL EXPOSED PIPING SHALL BE INSTALLED TO MAXIMIZE AESTHETICS AND MINIMIZE OBSTRUCTION TO OCCUPANTS. PIPING AND VALVES SHALL BE INSTALLED TIGHT TO CEILINGS AND WALLS AS MUCH AS PRACTICAL WITH SPACE TO BE ABLE TO REMOVE ACCESSIBLE CEILING ELEMENTS WHERE APPLICABLE. ALL PIPING SHALL BE COORDINATED WITH OTHER TRADES, THE ENGINEER OF RECORD, THE ARCHITECT AND APPROVED BY THE ENGINEER OF RECORD AND THE ARCHITECT.
12. SPRINKLERS INSTALLED IN CEILINGS OF FINISHED AREAS SHALL BE SYMMETRICAL IN RELATION TO CEILING SYSTEMS COMPONENTS, CENTERED IN TILE, AND COORDINATED WITH OTHER EQUIPMENT IN THE CEILING. SUBMIT LAYOUTS TO ARCHITECT FOR APPROVAL.
13. SPRINKLER HEADS SHALL BE GENERALLY INSTALLED IN ACCORDANCE WITH NFPA EXCEPT ADDITIONAL HEADS SHALL BE PROVIDED TO SATISFY REQUIREMENTS OF SYMMETRY OR AESTHETICS.
14. PROVIDE SPRINKLER COVERAGE AROUND FIXED OBSTRUCTIONS, SUCH AS LARGE DUCTS, FLOATING CEILINGS, ETC. IN ACCORDANCE WITH NFPA 13.
15. SPRINKLER HEADS IN ALL SPACES WITH A CEILING SHALL BE CONCEALED TYPE WITH FACTORY FINISHED COVER PLATES. PAINT COLOR AND FINISH SHALL BE SELECTED BY ARCHITECT.
16. ALL NEW FIRE PROTECTION COMPONENTS SHALL BE FM APPROVED.
17. PIPE SIZES INDICATED ON THE PLANS ARE FOR INFORMATION ONLY. ALL SPRINKLER PIPING SHALL BE HYDRAULICALLY SIZED BY THE SPRINKLER CONTRACTOR.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR RESEARCHING ALL SYSTEMS THAT A PARTICULAR OUTAGE WILL AFFECT AS WELL AS LOCATING ALL SHUTOFF POINTS. THIS INFORMATION SHALL BE INCLUDED IN THE OUTAGE PLAN TO BE SUBMITTED TO OWNER FOR APPROVAL.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
SERVICES DIVISION ARE REQUIRED FOR ON-SITE
CONSTRUCTION

Key Plan

No.	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

DELTA
ENGINEERS, ARCHITECTS, & SURVEYORS
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Chevy Chase, MD 20815
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	Phase	IFB #08-22
	Project No.	2019.331.004
Date		12/23/21

Drawing Title
FIRE PROTECTION COVER SHEET

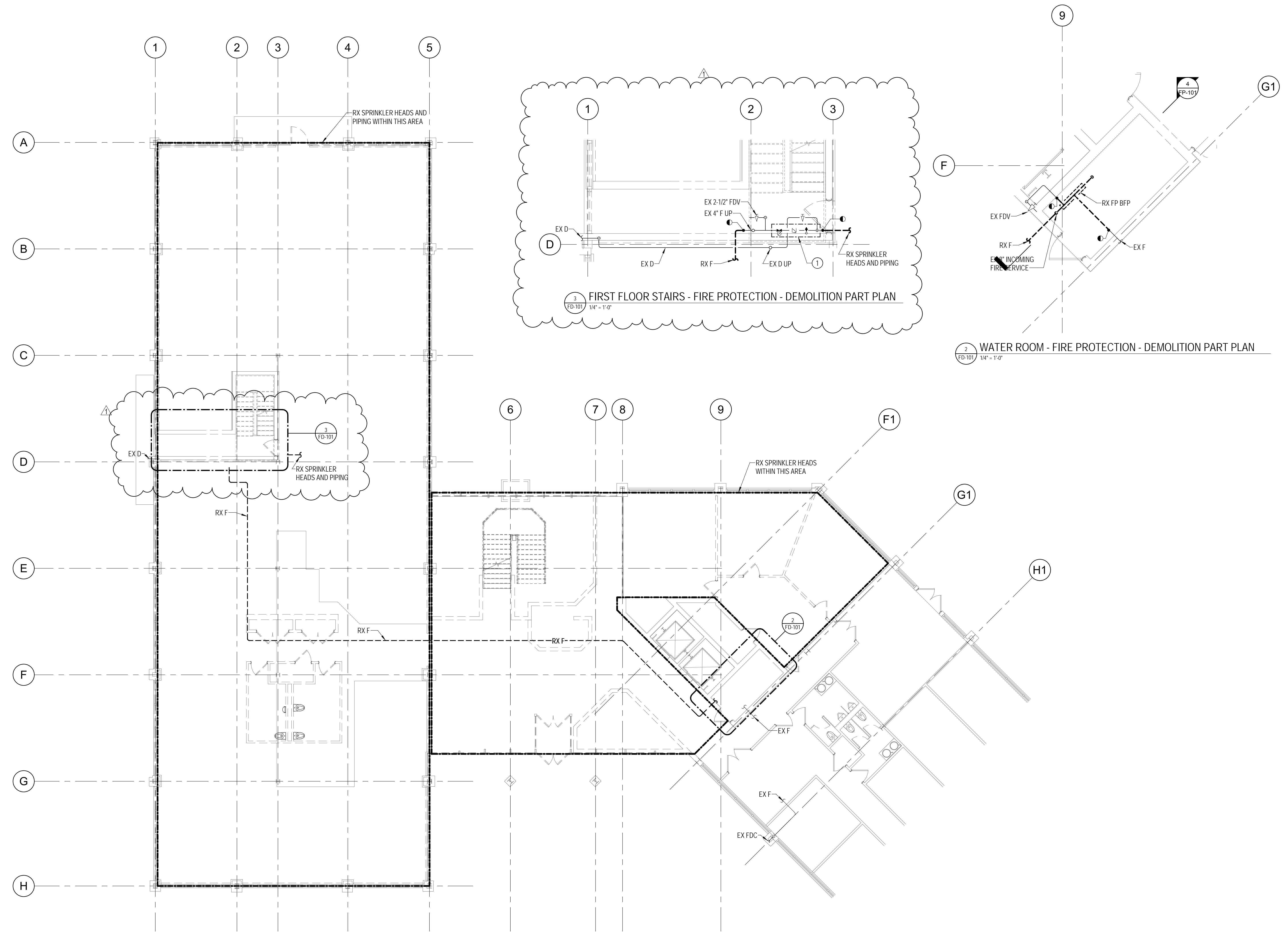
Drawing No.
FP-001

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- EXISTING SHOWN IN LIGHT WEIGHT LINE. ———
- DEMOLITION SHOWN WITH HEAVY WEIGHT DASHED LINE. - - - - -
- INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.
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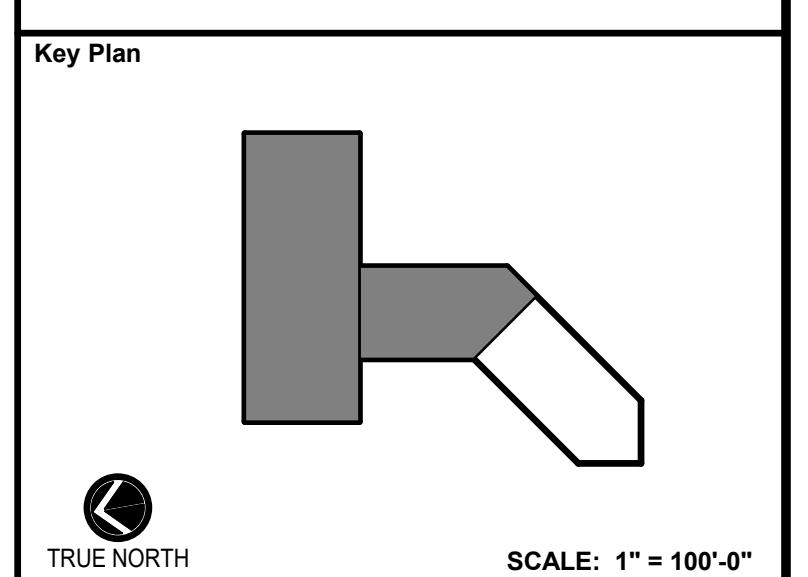
SPECIAL NOTES:
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- REPLACE/UPSIZE EXISTING ZONE ASSEMBLY AS REQUIRED.



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1		03/31/2022

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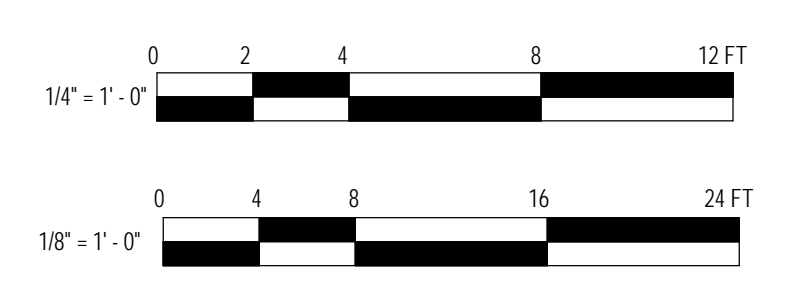
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Seal
STATE OF MARYLAND
CIVIL & LAND SURVEYING
No. 28605
PROFESSIONAL ENGINEER
12/23/2021

Phase
IFB #08-22
Project No.
2019.331.004
Date
12/23/21

Drawing Title
FIRE PROTECTION - FIRST FLOOR - DEMOLITION

Drawing No.
FD-101



DRAWING NOTES:
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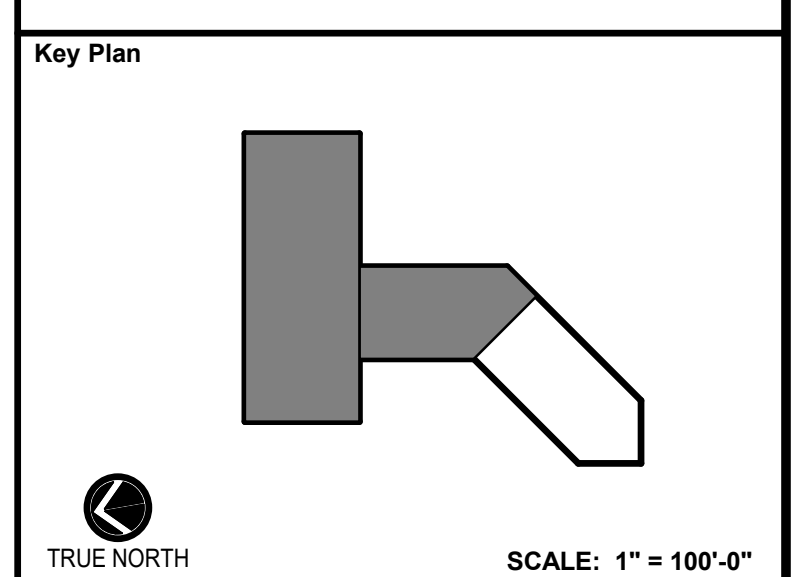
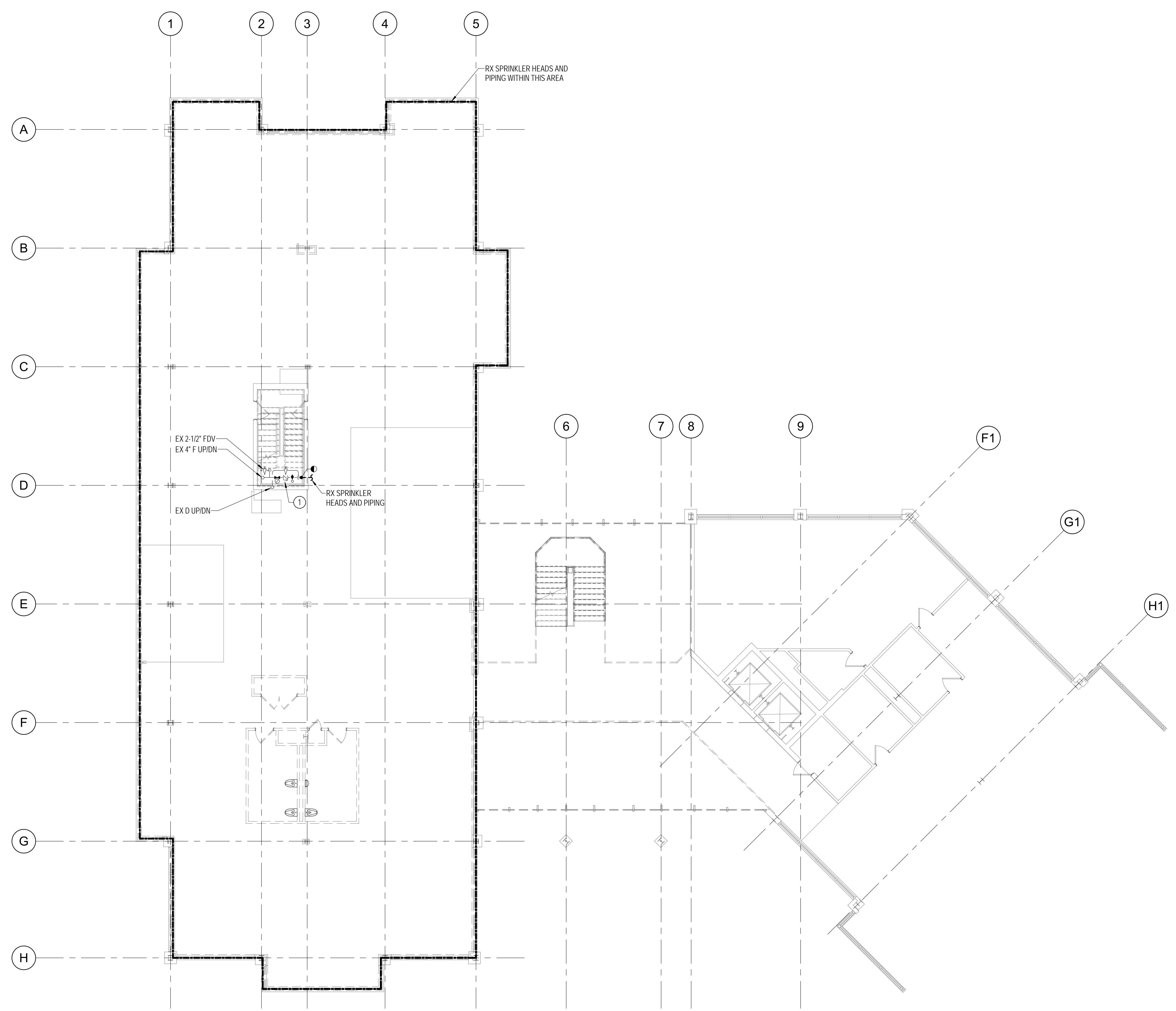
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1 FIRE PROTECTION - SECOND FLOOR - DEMOLITION PLAN
FD-102 1/8" = 1'-0"



Drawing Title
FIRE PROTECTION - SECOND FLOOR - DEMOLITION

Drawing No.
FD-102

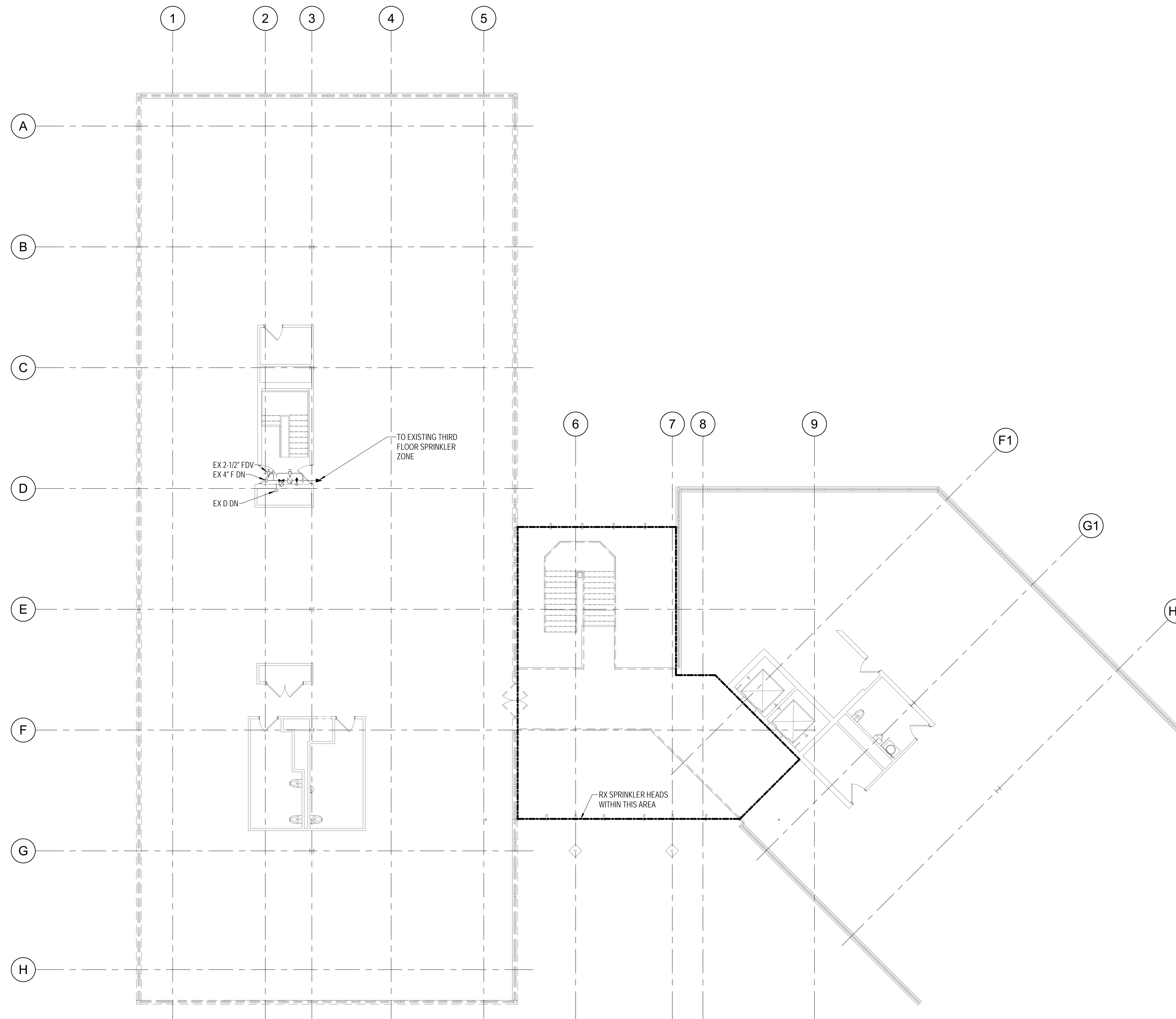
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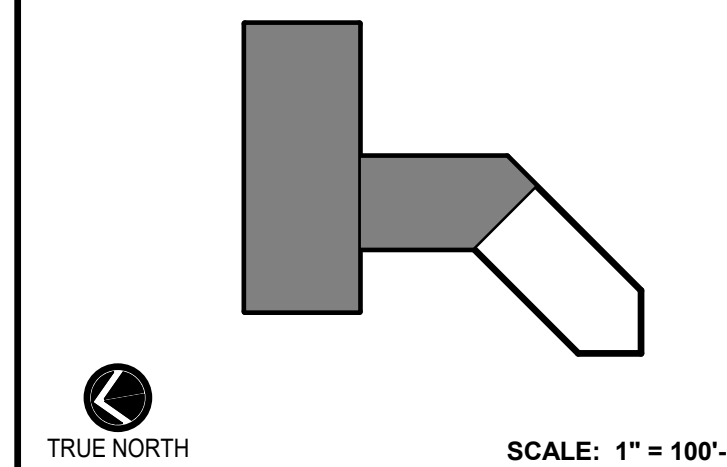


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Drawing Title
FIRE PROTECTION - THIRD FLOOR - DEMOLITION

Drawing No.
FD-103

1 FIRE PROTECTION - THIRD FLOOR - DEMOLITION PLAN
FD-103 1/8" = 1'-0"



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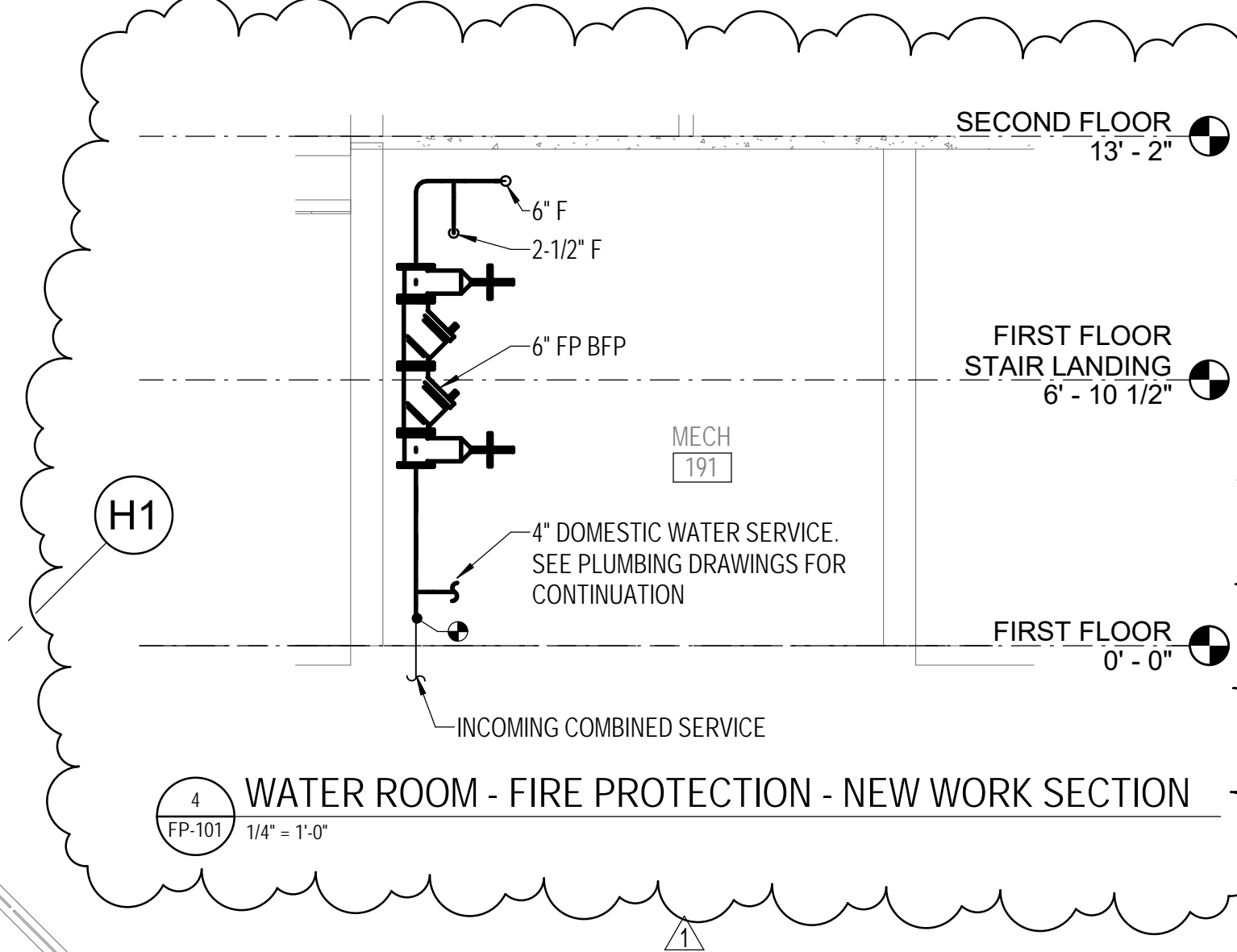
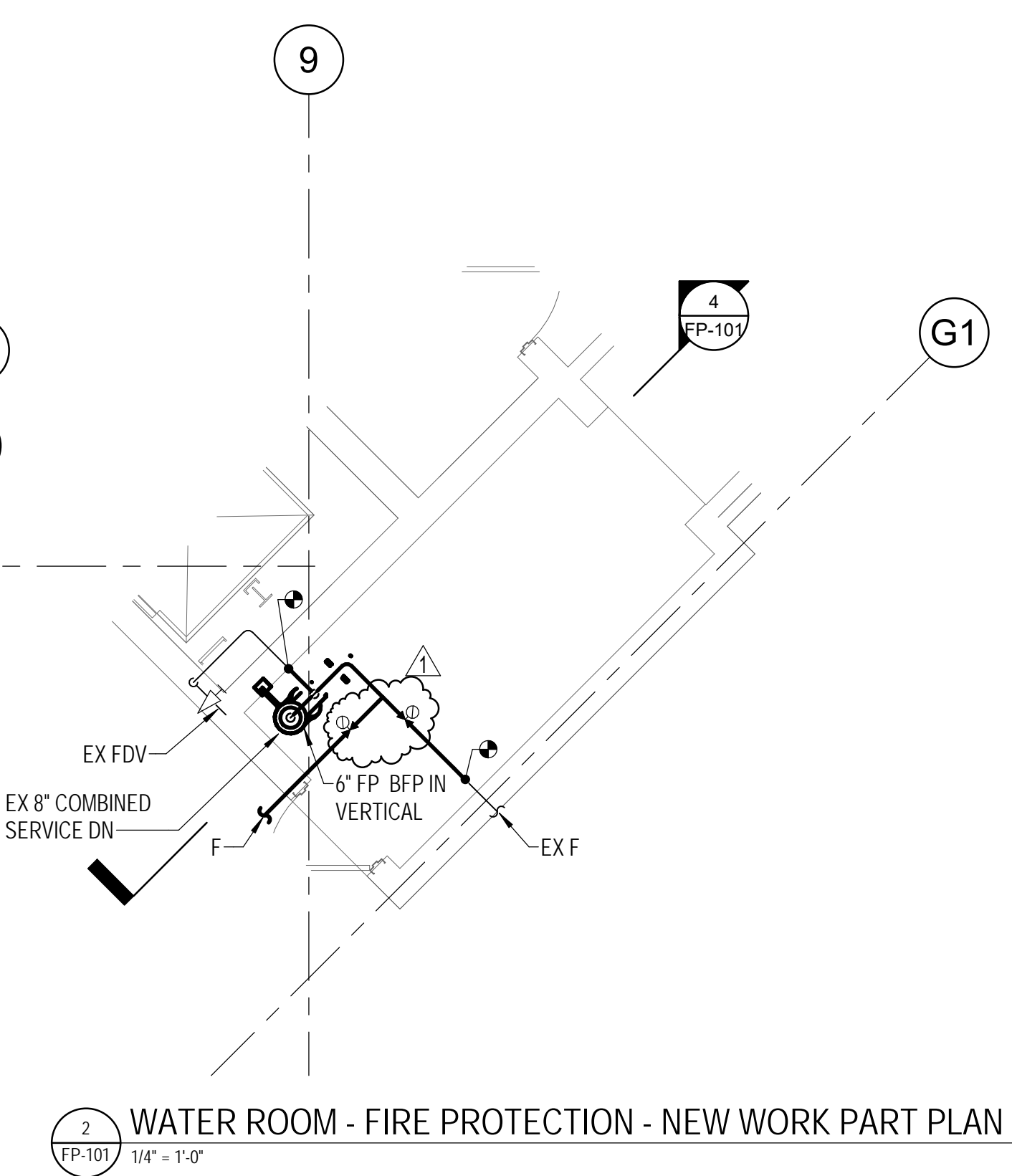
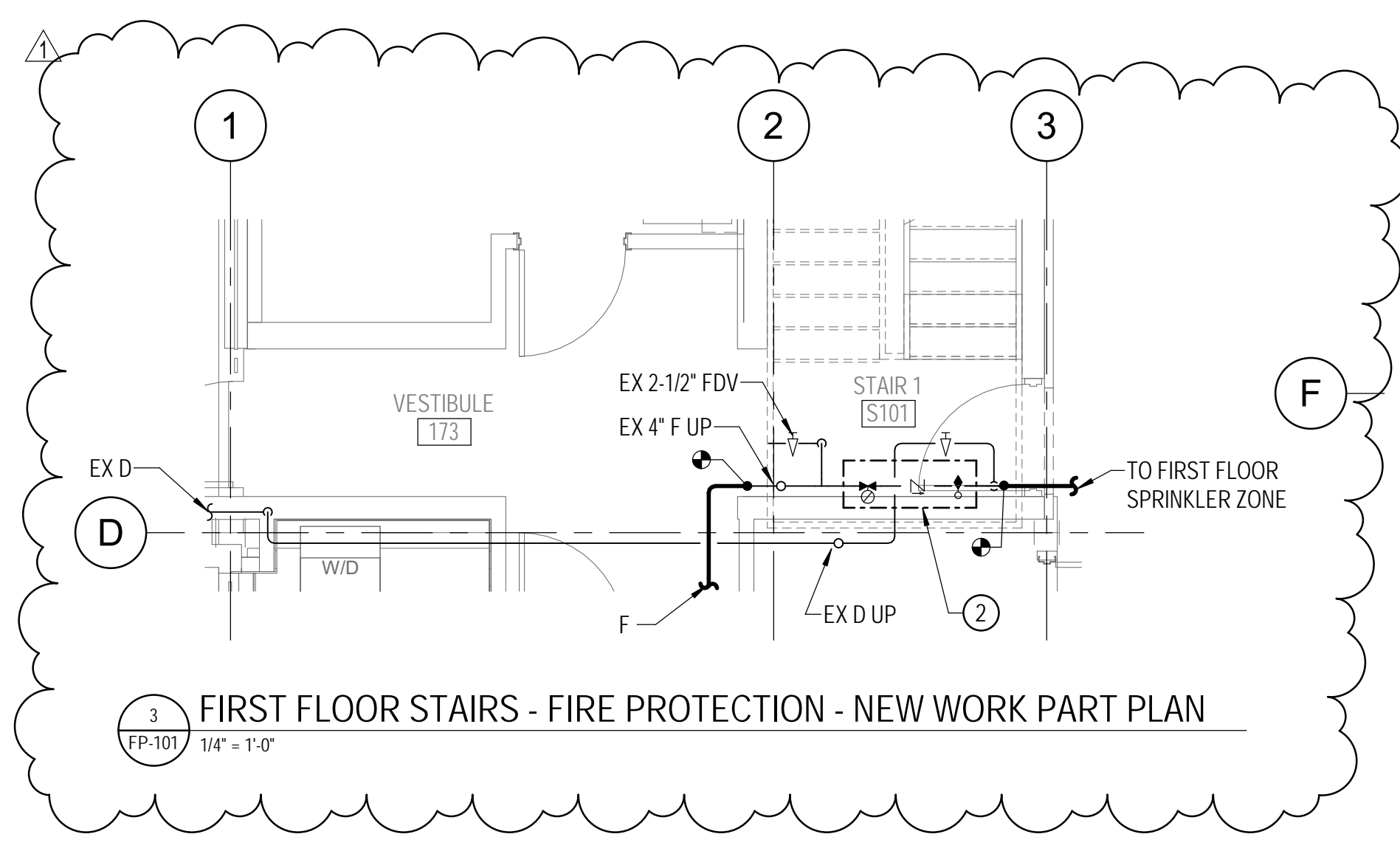
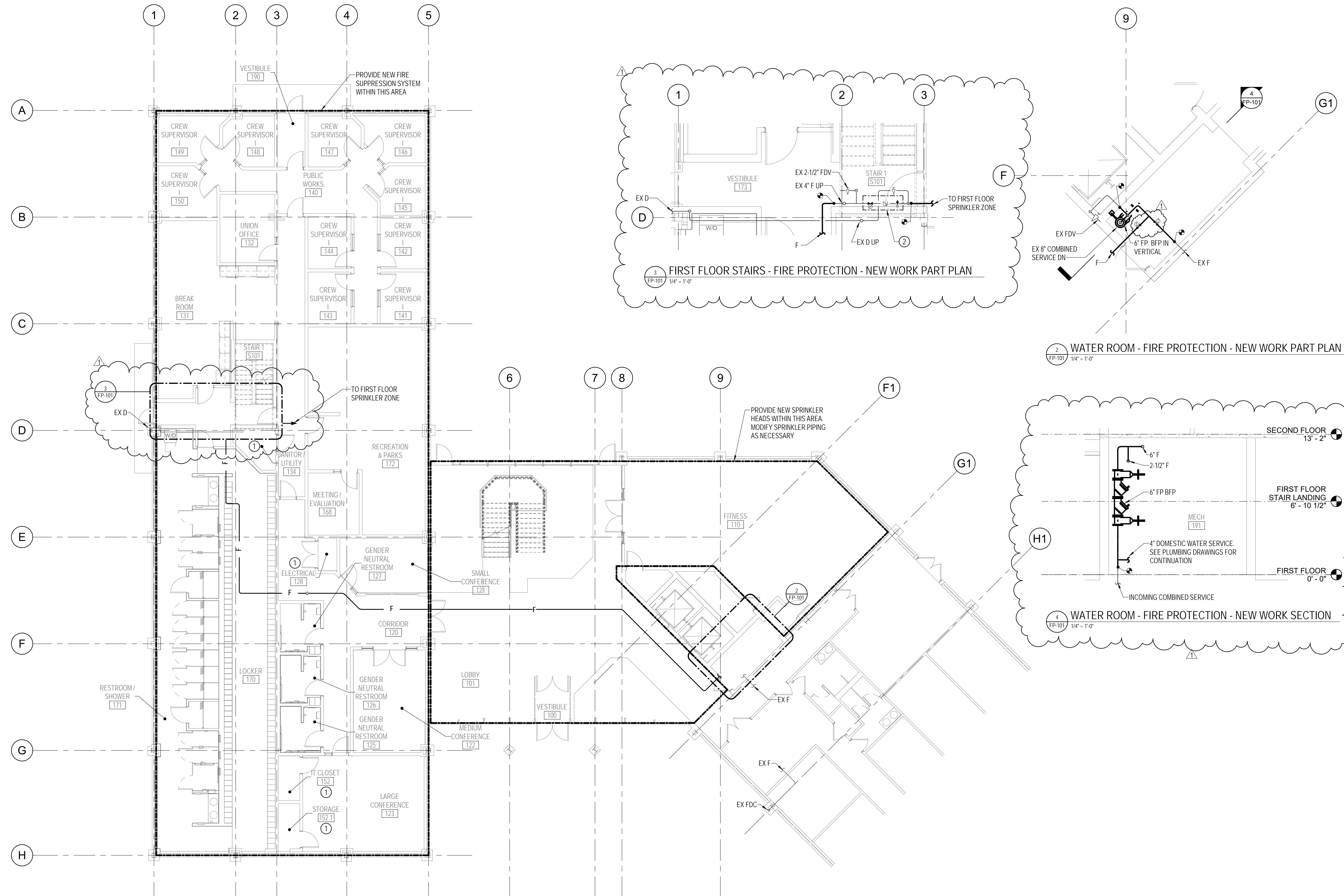
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- ② REPLACE/UPSIZE EXISTING ZONE ASSEMBLY AS REQUIRED.

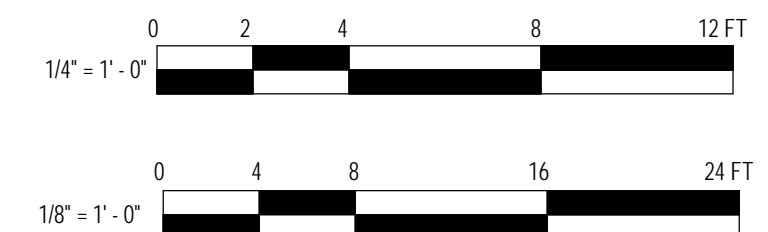


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① FIRE PROTECTION - FIRST FLOOR - NEW WORK PLAN
FP-101 1/8" = 1'-0"



Key Plan

TRUE NORTH

SCALE: 1" = 100'-0"

No.	ADDENDUM #1	Date
1		03/31/2022

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Seal

Phase
IFB #08-22

Project No.
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Drawing Title
FIRE PROTECTION - FIRST FLOOR - NEW WORK

Drawing No.
FP-101

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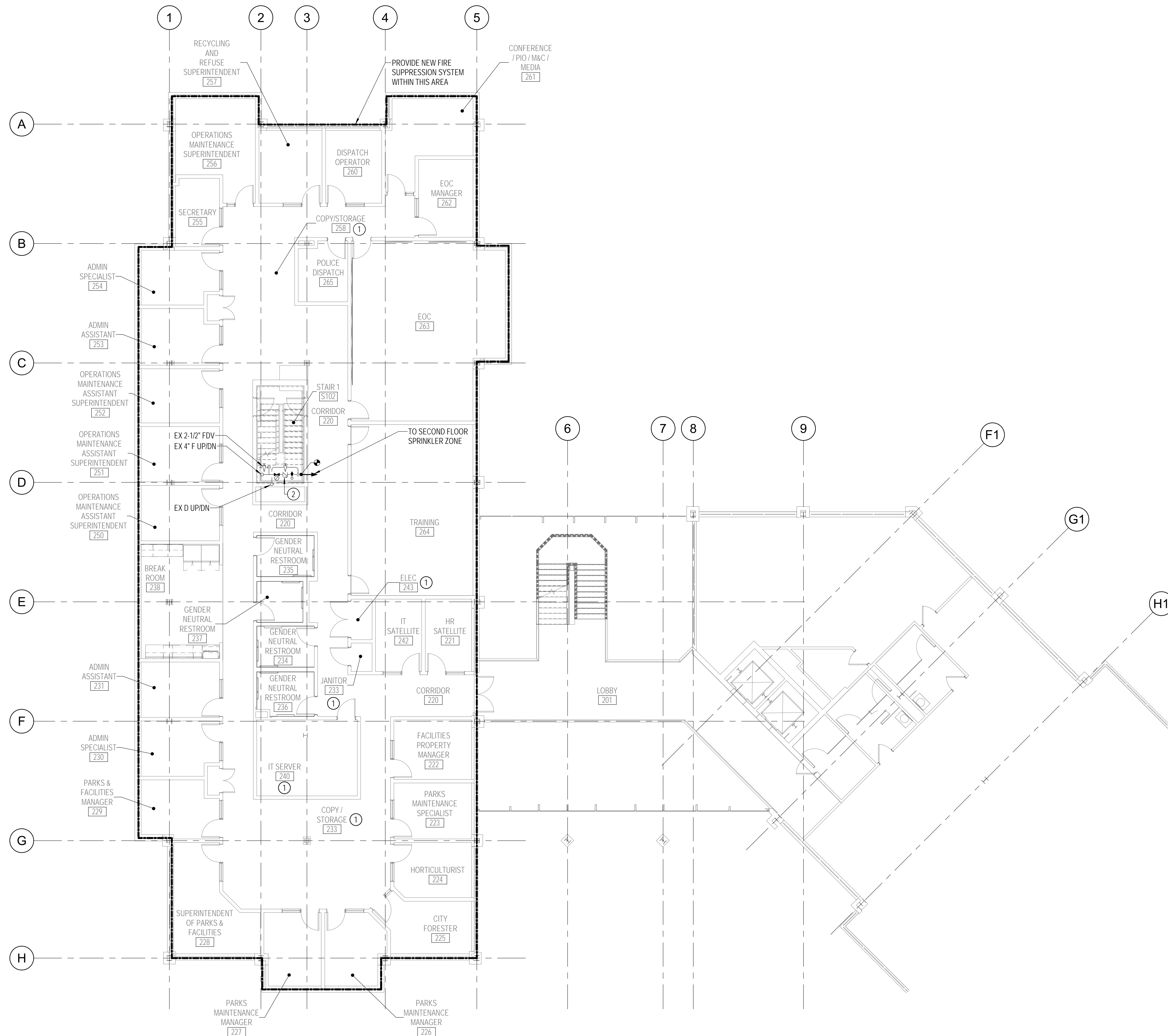
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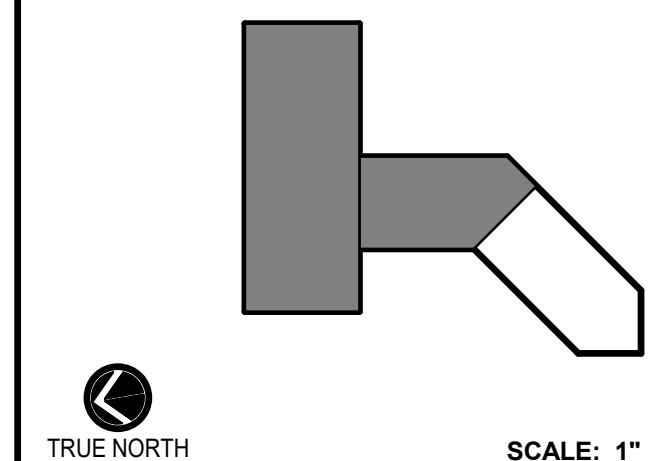
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1 FIRE PROTECTION - SECOND FLOOR - NEW WORK PLAN
FP-102 1/8" = 1'-0"



Key Plan



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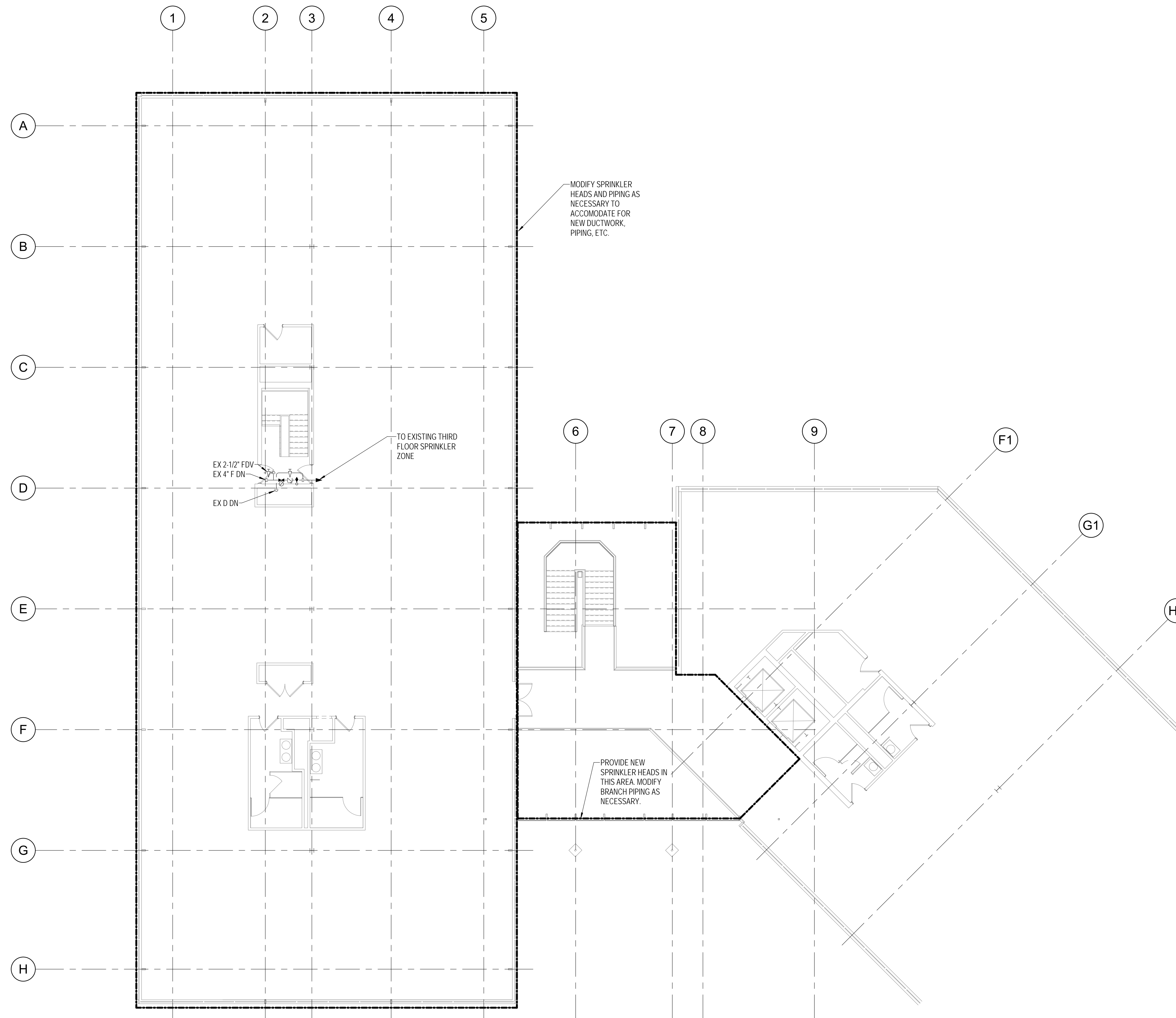
	Phase IFB #08-22
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Drawing Title
FIRE PROTECTION - SECOND FLOOR - NEW WORK

Drawing No.
FP-102

DRAWING NOTES:
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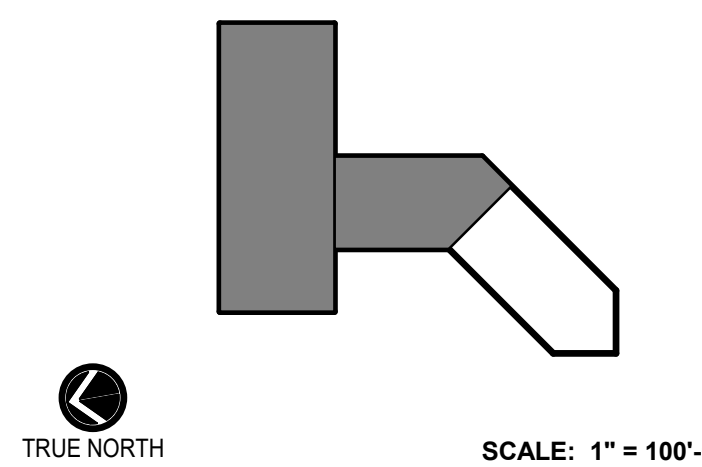
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Drawing Title
FIRE PROTECTION - THIRD FLOOR - NEW WORK

Drawing No.
FP-103

FIRE PROTECTION - THIRD FLOOR - NEW WORK PLAN
FP-103 1/8" = 1'-0"



PLUMBING ABBREVIATIONS

(APPLICABLE TO ALL PLUMBING DRAWINGS)

AFF	ABOVE FINISHED FLOOR	KW	KILOWATT
B	BOTTOM	L	LENGTH
BAS	BUILDING AUTOMATION SYSTEM	LAV	LAVATORY
BFP	BACKFLOW PREVENTER	LWT	LEAVING WATER TEMPERATURE
BLDG	BUILDING	MAX	MAXIMUM
CO	CLEANOUT	MIN	MINIMUM
COND	CONDENSATE	N	NORTH
CP	CONDENSATE PUMP	NTS	NOT TO SCALE
CW	COLD WATER	P	PLUMBING / PLUMBING FIXTURE TYPE
CX	CONNECT TO EXISTING	PD	PUMP DISCHARGE / PLUMBING DEMOLITION
D	DEEP / DEPTH / DIAMETER / DRAIN	PH	PLUMBING DRAINAGE INSTITUTE
DEG	DEGREES	PH	PHASE
DIA	DIAMETER	R	RADIUS
DN	DOWN	RD	ROOF DRAIN
DWG	DRAWING	RECIRC	RECIRCULATION
DWH	DOMESTIC WATER HEATER	RPM	REVOLUTIONS PER MINUTE
EFT	ENTERING FLUID TEMPERATURE	RX	REMOVE EXISTING
EL	ELEVATION	S	SANITARY
ELEV	ELEVATION / ELEVATOR	SAN	SANITARY
ET	EXPANSION TANK	SH	SHOWER
EWT	ENTERING WATER TEMPERATURE	SS	SERVICE SINK
EX	EXISTING	SW	STORM WATER
F	FAHRENHEIT	T	TEMPERATURE SENSOR
FD	FLOOR DRAIN	TD	TRENCH DRAIN
FPD	FLUID PRESSURE DROP	TEMP	TEMPERATURE
FT	FEET / FOOT	TYP	TYPICAL
G	GAS	UR	URINAL
GAL	GALLON	V	VENT / VOLTS
GPM	GALLONS PER MINUTE	VTR	VENT THROUGH ROOF
H	HEIGHT / HIGH	W	WIDTH
HP	HORSEPOWER	W	WITH
HW	HOT WATER	WC	WATER CLOSET / INCHES WATER COLUMN
HWR	HOT WATER RETURN	WH	WALL HYDRANT
HZ	HERTZ	WM	WASHING MACHINE
IN	INCH / INCHES		
INV	INVERT		

PLUMBING LEGEND

(APPLICABLE TO ALL PLUMBING DRAWINGS)

SYMBOL	DESCRIPTION
—	COLD WATER
----	HOT WATER
----	HOT WATER RETURN
—SW—	STORM WATER
—SAN—	SANITARY
----	VENT
—PD—	PUMP DISCHARGE
□	MIXING VALVE
□ D(-)	DRAIN (ALL TYPES)
—D—	CONDENSATE DRAIN
—G—	GAS
⊕	CONNECT TO EXISTING
⊖	END POINT OF REMOVAL OF EXISTING
⊙	PLAN SECTION DESIGNATION TOP - PLAN SECTION REFERENCE, BOTTOM - REFERENCED DRAWING
⊕	AIR VENT
⊕	CAP (PIPE OR DUCT)
⊕	PRESSURE GAUGE
⊕	THERMOMETER
⊕	UNION
⊕	BALANCING VALVE
⊕	CHECK VALVE
⊕	PRESSURE REDUCING VALVE
⊕	SHUTOFF VALVE
⊕	SHOCK ABSORBER

- ### GENERAL NOTES:
- (APPLICABLE TO ALL PLUMBING DRAWINGS)
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES IS SHOWN IN AN APPROXIMATE WAY ONLY. DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. REPAIR ALL DAMAGES OCCASIONED BY FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
 - RUN ALL SOIL, WASTE AND DRAIN PIPING WITH 2 PERCENT MINIMUM GRADE UNLESS OTHERWISE NOTED. HORIZONTAL VENT PIPING SHALL BE GRADED TO DRIP BACK TO THE SOIL OR WASTE PIPE BY GRAVITY.
 - ELEVATIONS NOTED ARE TO CENTERLINES OF PIPES FOR ALL PRESSURE LINES AND TO INVERT FOR ALL GRAVITY FLOW LINES.
 - ADJUST SEWER INVERTS TO KEEP TOPS OF PIPE IN LINE WHERE PIPE SIZE CHANGES.
 - PROVIDE SHUTOFF VALVES IN DOMESTIC WATER SYSTEMS IN BRANCH LINES SERVING TWO OR MORE FIXTURES.
 - UNLESS OTHERWISE NOTED, ALL PIPING IS OVERHEAD, TIGHT TO UNDERSIDE OF SLAB, WITH SPACE FOR INSULATION IF REQUIRED.
 - INSTALL PIPING SO THAT ALL VALVES ARE ACCESSIBLE.
 - COORDINATE ALL PLUMBING WORK WITH MECHANICAL WORK, ELECTRICAL WORK, AND WORK OF OTHER TRADES, SHOWN ON OTHER DRAWINGS.
 - MAINTAIN MINIMUM 6'-8" CLEARANCE TO UNDERSIDE OF PIPES, DUCTS, CONDUITS, SUSPENDED EQUIPMENT, ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL AND ELECTRICAL ROOMS.
 - UNLESS OTHERWISE NOTED, WHERE HOT AND COLD WATER PIPING DROPS INTO PIPE CHASE, THE SIZE SHOWN FOR THE PIPE DROPS SHALL BE USED TO THE LAST FIXTURE.
 - CERTAIN ITEMS SUCH AS ACCESS DOORS, CLEANOUTS, RISE AND DROPS IN PIPING, ETC., ARE INDICATED ON THE DRAWINGS FOR CLARITY OR A SPECIFIC LOCATION REQUIREMENT AND SHALL NOT BE INTERPRETED AS THE EXTENT OF THE REQUIREMENTS FOR THESE ITEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THESE ITEMS AS REQUIRED ELSEWHERE IN THE CONTRACT DOCUMENTS.
 - WHERE THE INSTALLATION OF NEW SERVICES OR THE EXTENSION OF EXISTING SERVICES REQUIRE CUTTING OF EXISTING FLOORS, WALLS, PARTITIONS, ETC., IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK FOR THE PRESENCE OF EXISTING MECHANICAL AND/OR ELECTRICAL SERVICES WITHIN OR IMMEDIATELY BENEATH CONSTRUCTION AND EXERCISE NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO THE SERVICES OR INJURY TO HIS PERSONNEL DUE TO CONTACT WITH SAME. WHERE PRACTICAL, SUCH EXISTING SERVICES SHALL BE TEMPORARILY DISCONNECTED DURING THE CUTTING OPERATION. SUCH OUTAGES IN SERVICE SHALL BE SCHEDULED IN ADVANCE WITH THE OWNER.
 - FLOW SCHEMATIC AND RISER DIAGRAMS INDICATE FLOW AND OPERATION CONCEPTS AS WELL AS GENERAL ARRANGEMENT OF EQUIPMENT, VALVES, PRESSURE GAUGES, ETC. ARE INDICATED FOR THIS PURPOSE. ADDITIONAL VALVES, PRESSURE GAUGES, ETC. SHALL BE PROVIDED AS SHOWN ON VARIOUS EQUIPMENT DETAILS. SEE PLANS AND DETAILS FOR PIPE SIZES NOT INDICATED ON FLOW SCHEDULES AND RISER DIAGRAMS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR RESEARCHING ALL SYSTEMS THAT A PARTICULAR OUTAGE WILL AFFECT AS WELL AS LOCATING ALL SHUTOFF POINTS. THIS INFORMATION SHALL BE INCLUDED IN THE OUTAGE PLAN TO BE SUBMITTED TO THE OWNER FOR APPROVAL.
 - USE OF COMBINATION WYE FITTINGS OR CROSS TEES IN THE PLUMBING SANITARY SYSTEM ARE NOT ALLOWED.
 - REMOVE AND REINSTALL CEILING TILES TO ALLOW FOR INSTALLATION OF PLUMBING WORK. REPLACE ANY DAMAGED CEILING TILES AT NO COST TO THE OWNER.
 - PATCH AND SEAL ANY WALLS AND HARD CEILINGS THAT MUST BE OPENED TO INSTALL PLUMBING WORK. TO MATCH EXISTING. ANY FINISHES, WALLS, CEILINGS, ETC. THAT BECOME DAMAGED FROM INSTALLATION OF PLUMBING WORK SHALL BE REPAIRED TO MATCH EXISTING AT NO EXTRA COST TO THE OWNER. PROVIDE SAME LEVEL OF FINISH AS EXISTING. COORDINATE PAINT COLORS WITH OWNER. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.



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Domestic Water Service - Available Pressure

Street Pressure (psi)	67
Pressure Loss Due to Friction in Piping between hydrant and building (psi) - Note 1	0.5
Pressure Loss Due to Friction in Piping (Type L Copper) within building (psi) - Note 2	4.3
Pressure Loss Due to Meter (psi)	10
Pressure Loss Due to Backflow Preventer (psi)	13
Pressure Loss due to Building Height (psi) - Note 3	11.4
Available Water Pressure at WC (psi)	27.8

Note 1 - The pipe from the hydrant to the building is 8" and is a distance of 100 ft. This is a pressure drop of 1 ft which equals 0.5 psi

Note 2 - The friction loss for the piping within the building is calculated to be 10 ft of head which equals 4.3 psi.

Note 3 - Pressure Loss due Building Height:
 Height Difference between highest plumbing fixture and hydrant = 26.25 ft
 Pressure Loss = ft / 2.31 = 26.25 / 2.31 = 11.4 psi
 Hydrant Elev = 402 ft
 1st Floor Elev = 402 ft
 3rd Floor Elev = 428.25 ft

Drainage Fixture Units Calculations - 1st/2nd Floor North Wing

Plumbing Fixture Designation	Plumbing Fixture Type	Quantity of Fixtures	Individual Drainage Fixture Units	Total Drainage Fixture Units
P-1A	Water Closet	4	6	24
P-1B	Water Closet - ADA	9	6	54
P-2	Lavatory - Countertop	4	1	4
P-3	Lavatory - Wall Mounted	7	1	7
P-4	Double Compartment Sink	2	2	4
P-5	Service Sink - Floor Mounted	3	2	6
P-6A	Shower Head	6	3	18
P-6B	Shower Head - ADA	2	3	6
P-6C	Shower	3	3	9
P-7	Drinking Water Cooler	2	0.5	1
P-8	Washing Machine	1	2	2
P-9	Ice Maker Box	2	0	0
Total DFU's				135

Drainage Fixture Units Calculations - 3rd Floor North (Estimated)

Plumbing Fixture Designation	Plumbing Fixture Type	Quantity of Fixtures	Individual Drain Fixture Units	Total Drainage Fixture Units
N/A	Water Closet	4	6	24
N/A	Lavatory - Countertop	4	1	4
N/A	Double Compartment Sink	1	2	2
N/A	Service Sink - Floor Mounted	1	2	2
N/A	Drinking Water Cooler	1	0.25	0.25
N/A	Ice Maker Box	1	0.25	0.25
Total DFU's				32.5

Total DFU's for North Wing = 167.5 = 4" Sanitary Main

Key Plan

No.	Revision	Date
1	ADDENDUM #1	03/31/2022

Project Name
 CITY OF ROCKVILLE
 6 TAFT COURT RENOVATION
 PHASE 1
 ROCKVILLE MARYLAND

DELTA

ENGINEERS, ARCHITECTS, & SURVEYORS

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	Phase	IFB #08-22
	Project No.	2019.331.004
	Date	12/23/21

Drawing Title
 PLUMBING COVER SHEET

Drawing No.

P-001

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN IN LIGHT WEIGHT LINE. _____
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE. _____
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.

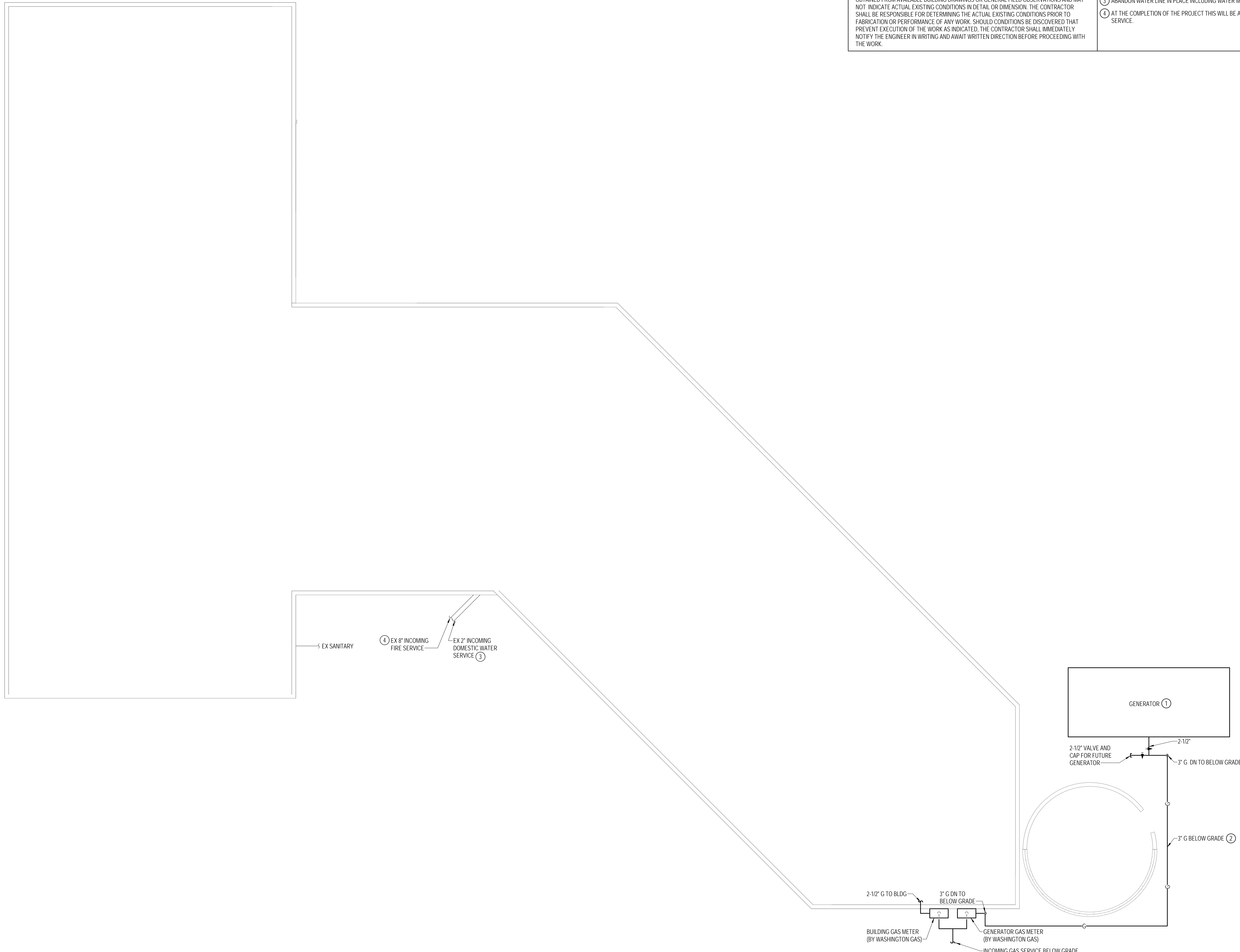
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- ① SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION
- ② COORDINATE GAS ROUTING WITH ANY EXISTING UTILITIES
- ③ ABANDON WATER LINE IN PLACE INCLUDING WATER METER.
- ④ AT THE COMPLETION OF THE PROJECT THIS WILL BE A COMBINED SERVICE.



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DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
SERVICES DIVISION ARE REQUIRED FOR ON-SITE
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ROCKVILLE MARYLAND

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	Phase	IFB #08-22
	Project No.	2019.331.004
Date		12/23/21

Drawing Title
PLUMBING SITE PLAN

Drawing No.
P-002

1 PLUMBING - SITE PLAN
P-002 1/8" = 1'-0"

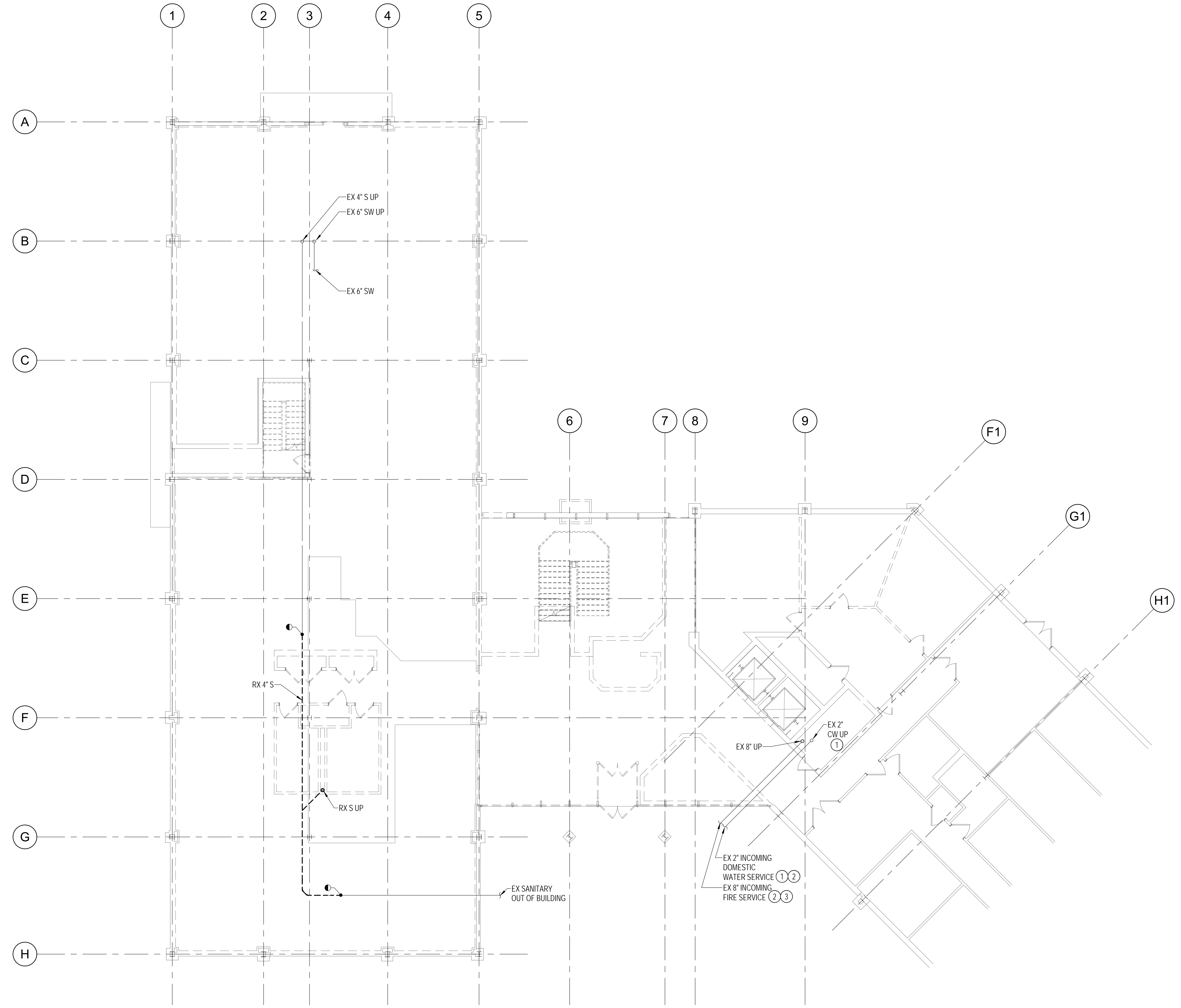


DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- EXISTING SHOWN IN LIGHT WEIGHT LINE. ———
- DEMOLITION SHOWN WITH HEAVY WEIGHT, DASHED LINE. - - - - -
- INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.
- FIRST FLOOR SHOWN FOR REFERENCE ONLY.
- CONTRACTOR SHALL FIELD VERIFY ACTUAL SUB SLAB PIPING ROUTING LOCATIONS.
- CUT AND TRENCH EXISTING CONCRETE SLAB ON GRADE AS REQUIRED TO REMOVE EXISTING PIPING AND INSTALL NEW PIPING. REPAIR SLAB WITH CONCRETE TO ORIGINAL CONDITION.

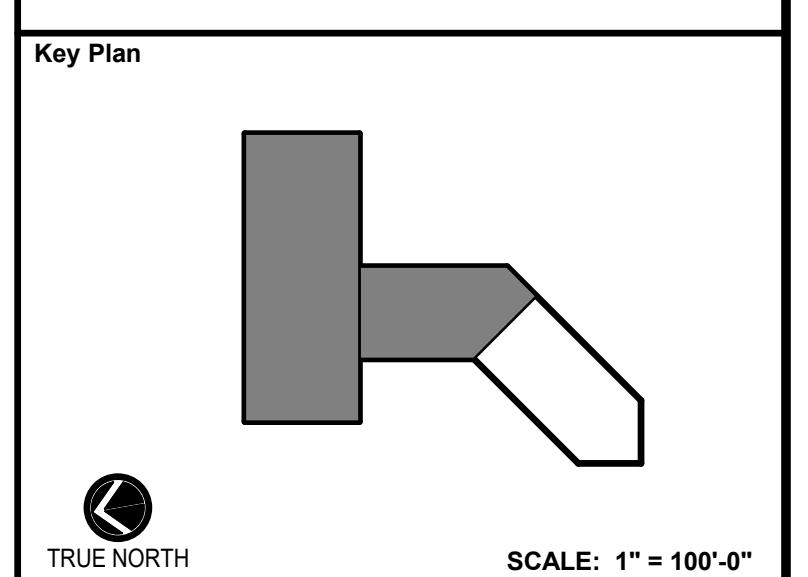
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- ABANDON IN PLACE
- SEE DRAWING P-002 FOR CONTINUATION.
- AT THE COMPLETION OF THE PROJECT THIS WILL BE A COMBINED SERVICE.



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Seal Phase

STATE OF MARYLAND
CELESTINE S. LEBLANC
Professional Engineer
No. 26805
12/23/2021

IFB #08-22
Project No.
2019.331.004
Date
12/23/21

1 PLUMBING - FOUNDATION - DEMOLITION PLAN
PD-100 1/8" = 1'-0"



Drawing Title
PLUMBING - FOUNDATION -
DEMOLITION

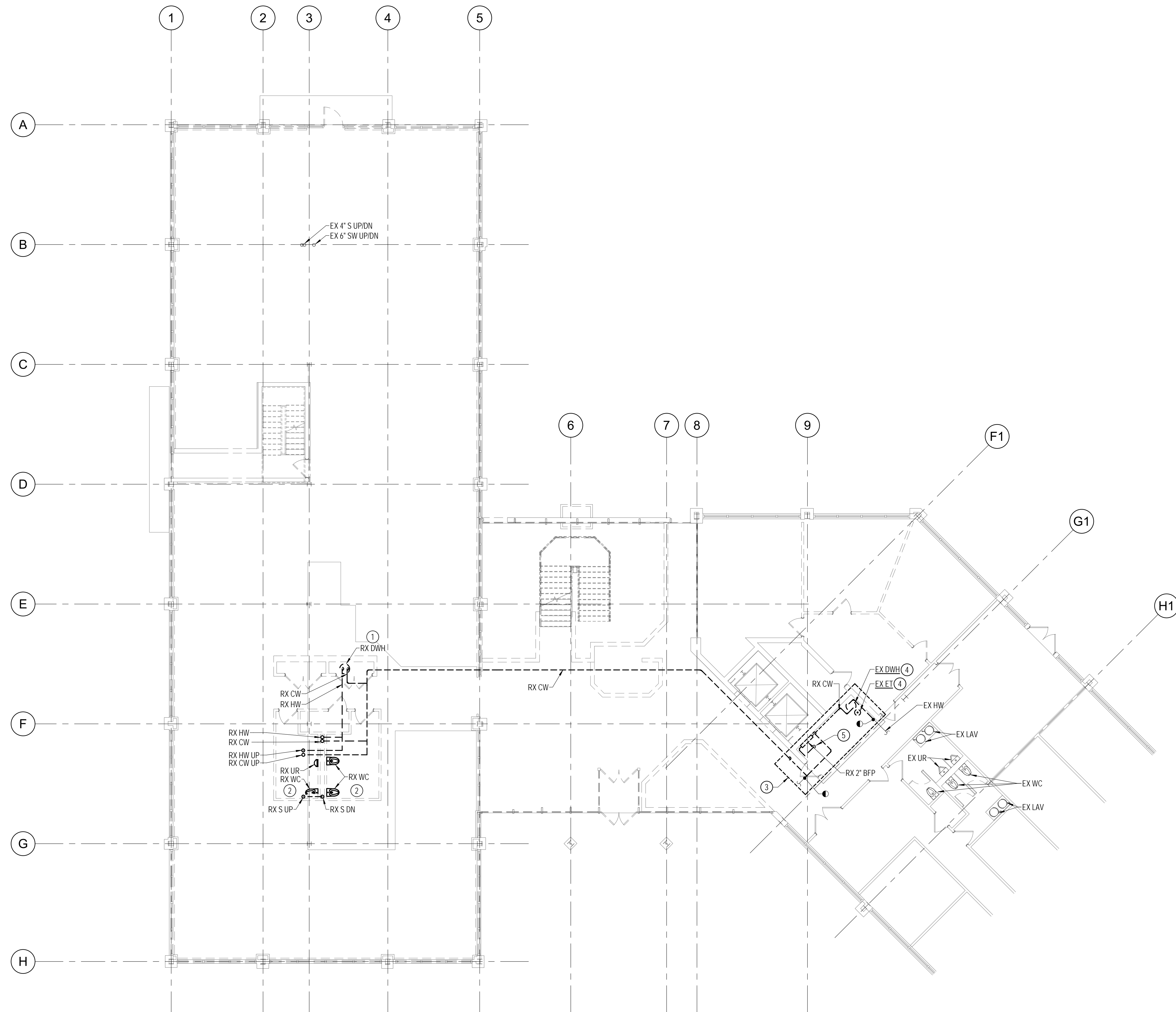
Drawing No.
PD-100

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN IN LIGHT WEIGHT LINE. ———
2. DEMOLITION SHOWN WITH HEAVY WEIGHT, DASHED LINE. - - - - -
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SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- 1 RX ALL ASSOCIATED CONTROLS, WIRING, PIPING, ETC
- 2 RX ALL SANITARY, SANITARY VENT, DOMESTIC WATER PIPING, PLUMBING FIXTURES, AND PLUMBING ACCESSORIES WITHIN RESTROOM
- 3 PERFORM THIS WORK OVER OWNER APPROVED SHUTDOWN OF DOMESTIC WATER SYSTEM TO SOUTH WING
- 4 RELOCATE TO LOCATION SHOWN ON DRAWING P-101
- 5 RX 2" INCOMING DOMESTIC WATER SERVICE DN TO 6" BELOW SLAB AND CAP BELOW SLAB. ABANDON THE 2" WATER LINE BELOW THE SLAB.



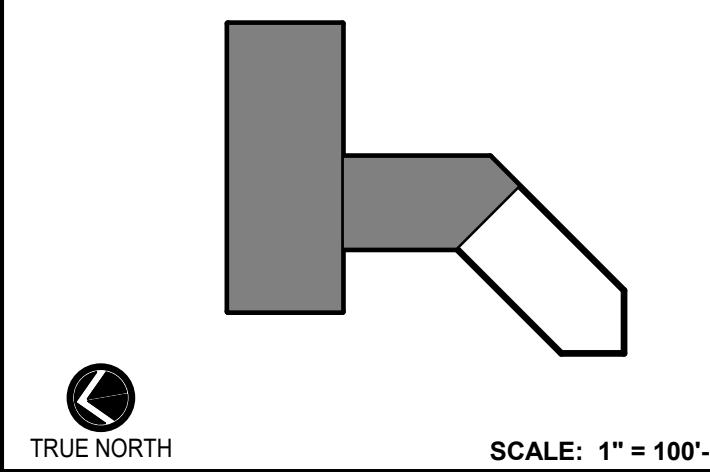
1 PLUMBING - FIRST FLOOR - DEMOLITION PLAN
PD-101 1/8" = 1'-0"



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DIRECTOR OF PUBLIC WORKS DATE
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Key Plan



No.	ADDENDUM #1	Date
1		03/31/2022

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Drawing Title
PLUMBING - FIRST FLOOR -
DEMOLITION

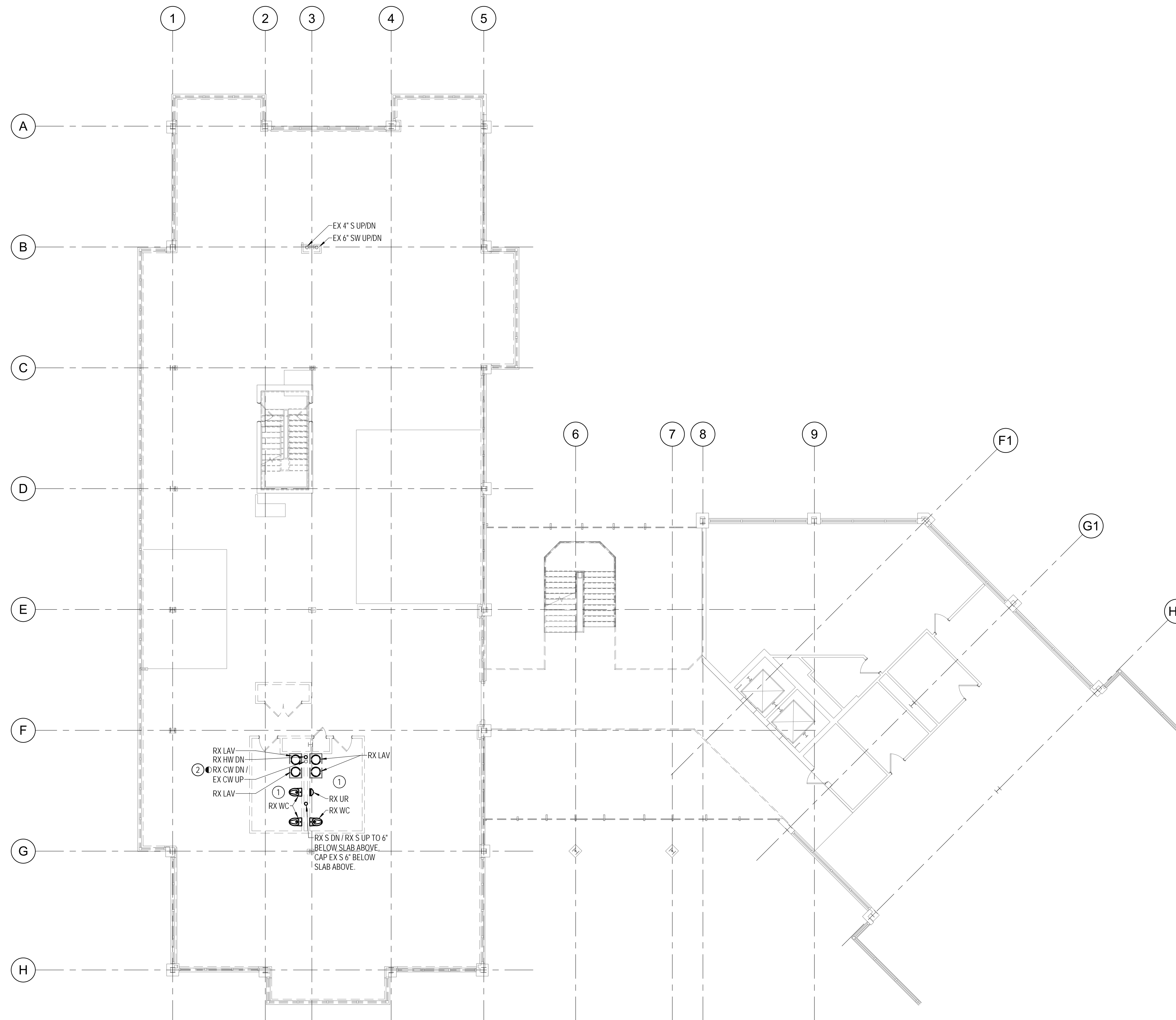
Drawing No.
PD-101

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN IN LIGHT WEIGHT LINE. ———
2. DEMOLITION SHOWN WITH HEAVY WEIGHT, DASHED LINE. - - - - -
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- ① RX ALL SANITARY, SANITARY VENT, DOMESTIC WATER PIPING, PLUMBING FIXTURES, AND PLUMBING ACCESSORIES WITHIN RESTROOM
- ② CAP EX CW PIPE UP TO THIRD FLOOR RESTROOM 0'-6" BELOW THE SLAB



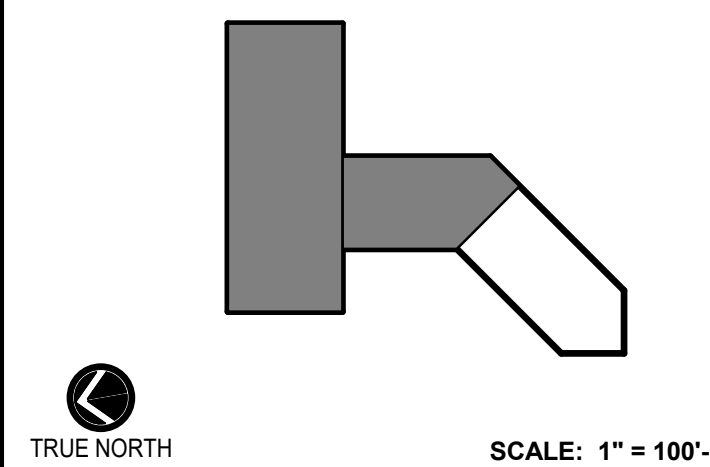
1 PLUMBING - SECOND FLOOR - DEMOLITION PLAN
PD-102 1/8" = 1'-0"



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Drawing Title
PLUMBING - SECOND FLOOR
- DEMOLITION

Drawing No.
PD-102

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN IN LIGHT WEIGHT LINE. ———
2. DEMOLITION SHOWN WITH HEAVY WEIGHT, DASHED LINE. - - - - -
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.

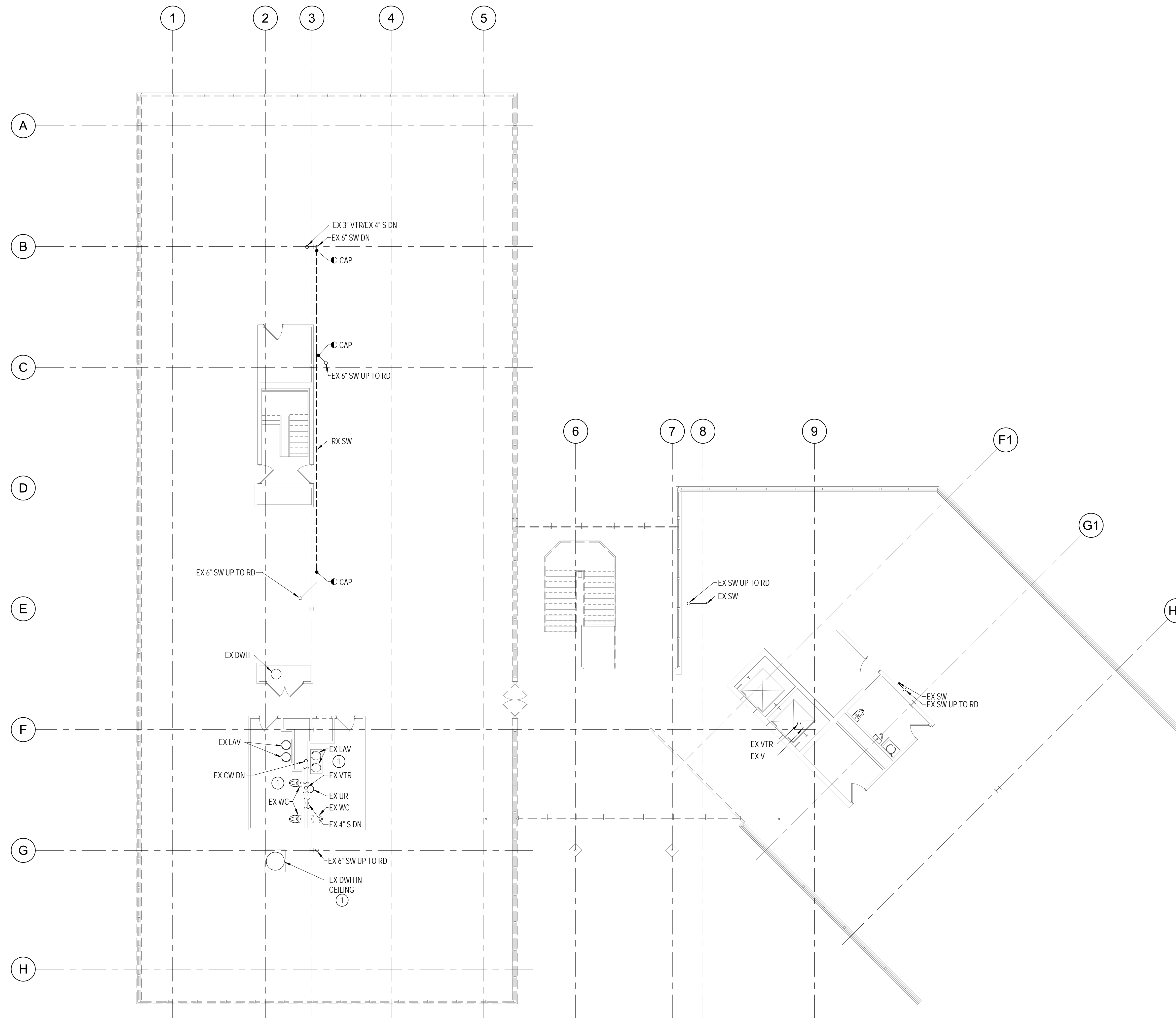
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- 1 DISCONNECT FIXTURE/EQUIPMENT AND ABANDON IN PLACE

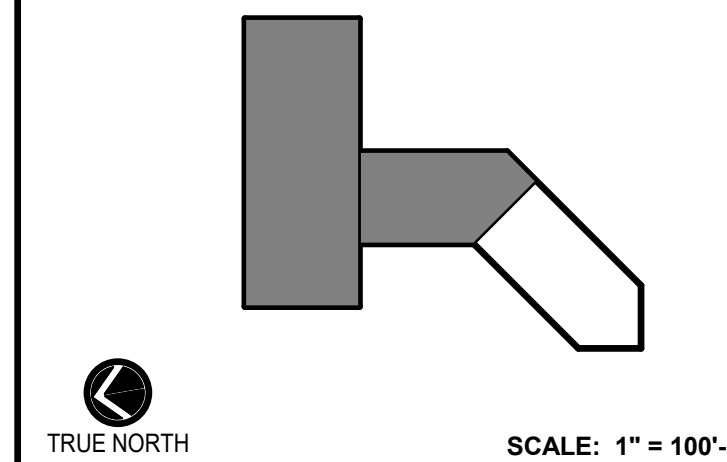


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	Project No. 2019.331.004
Date 12/23/2021	

Drawing Title
**PLUMBING - THIRD FLOOR -
DEMOLITION**

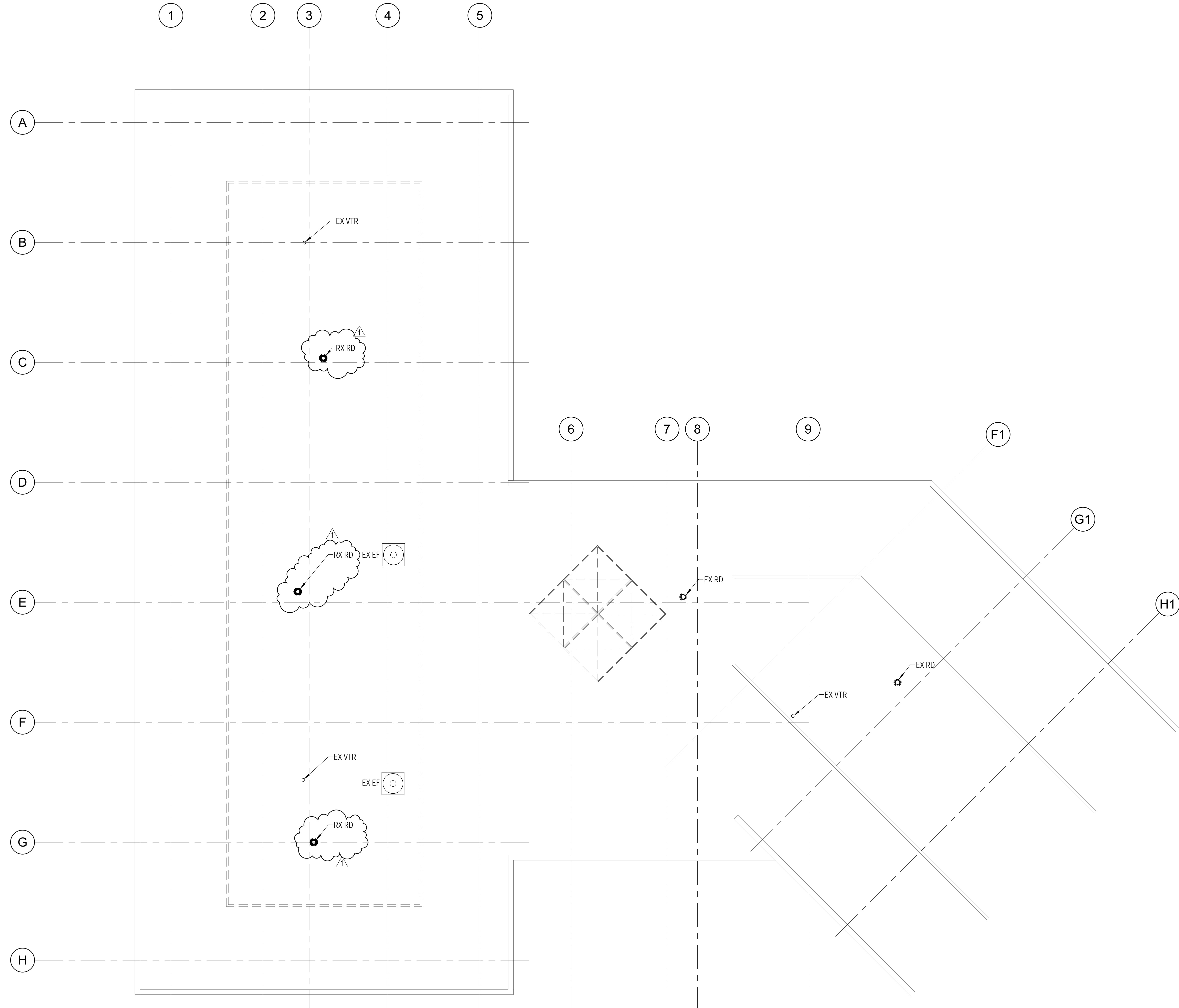
Drawing No.
PD-103

1 PLUMBING - THIRD FLOOR - DEMOLITION PLAN
1/8" = 1'-0"



DRAWING NOTES:
 (APPLICABLE TO THIS DRAWING ONLY)

- EXISTING SHOWN IN LIGHT WEIGHT LINE, ———
- DEMOLITION SHOWN WITH HEAVY WEIGHT, DASHED LINE, - - - - -
- INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.

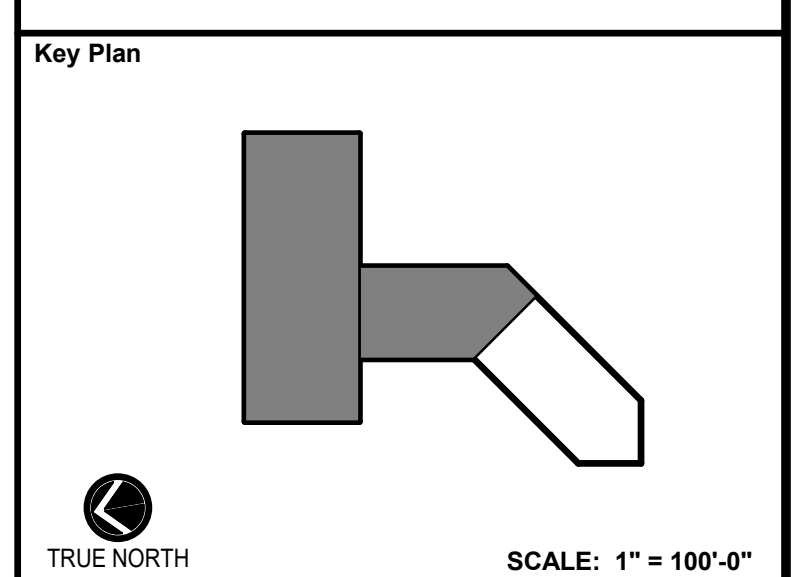


1 PLUMBING - ROOF - DEMOLITION PLAN
 PD-104 1/8" = 1'-0"



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DIRECTOR OF PUBLIC WORKS DATE
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	Project No. 2019.331.004
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Drawing Title
 PLUMBING - ROOF -
 DEMOLITION

Drawing No.
PD-104



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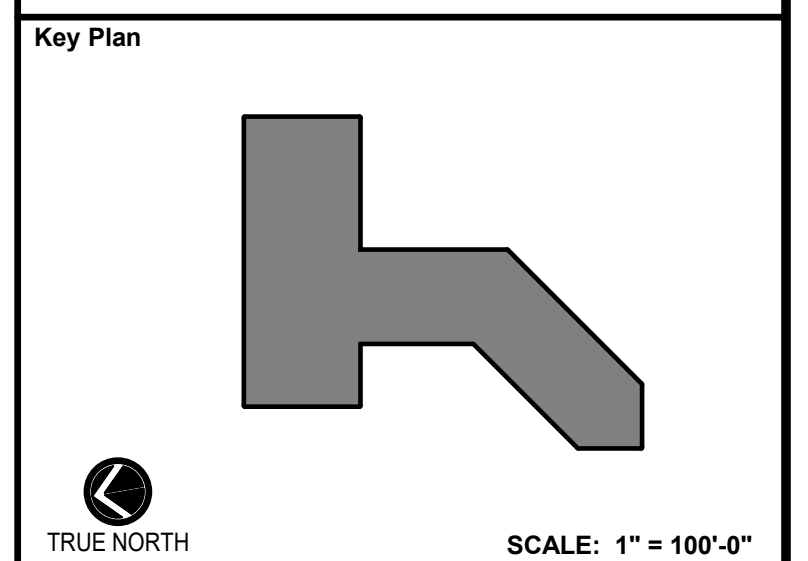
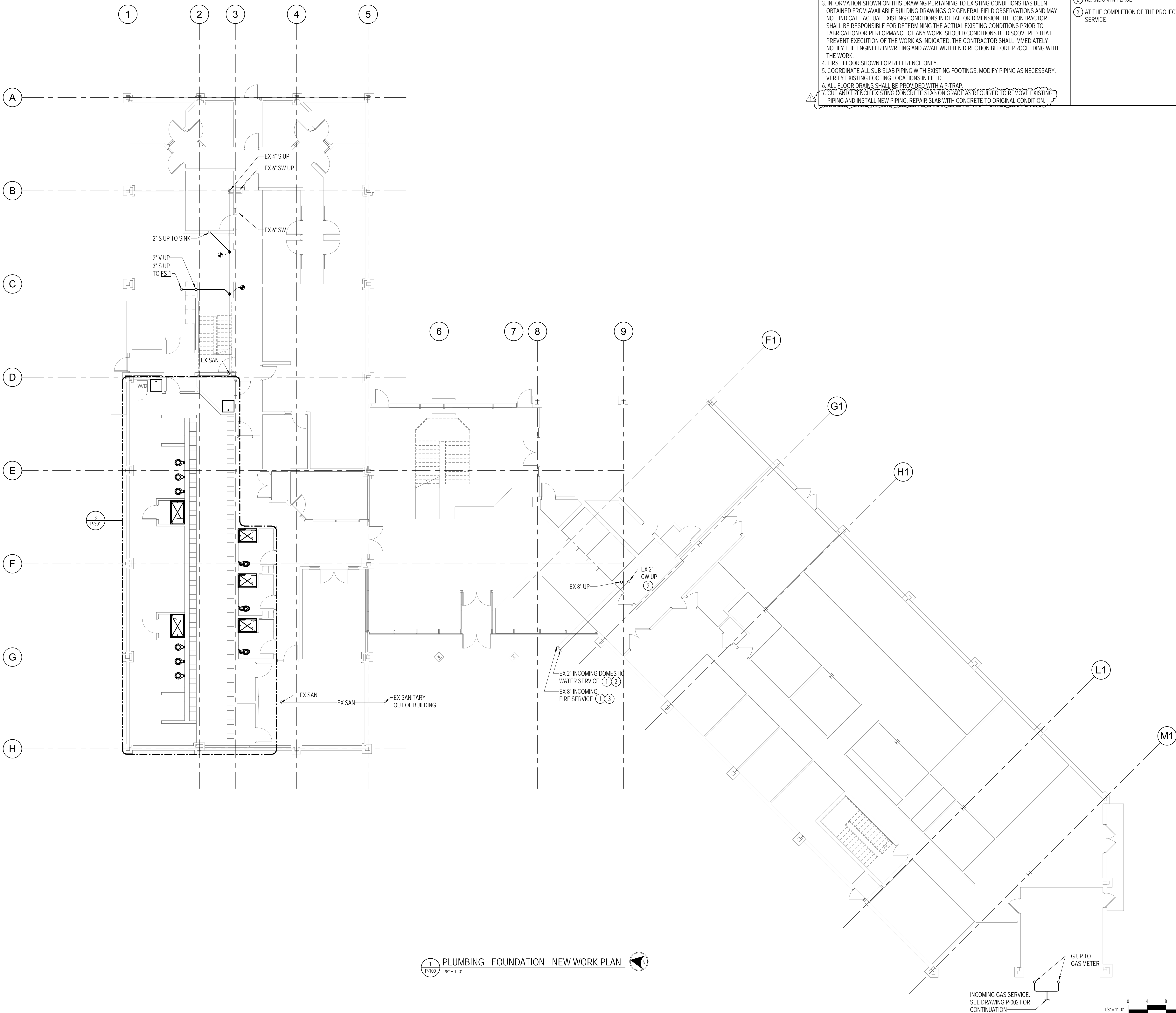
DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
SERVICES DIVISION ARE REQUIRED FOR ON-SITE
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DRAWING NOTES:
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- EXISTING SHOWN IN LIGHT WEIGHT LINE.
- NEW WORK SHOWN WITH HEAVY WEIGHT LINE.
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- FIRST FLOOR SHOWN FOR REFERENCE ONLY.
- COORDINATE ALL SUB SLAB PIPING WITH EXISTING FOOTINGS. MODIFY PIPING AS NECESSARY. VERIFY EXISTING FOOTING LOCATIONS IN FIELD.
- ALL FLOOR DRAINS SHALL BE PROVIDED WITH A P-TRAP.
- CUT AND TRENCH EXISTING CONCRETE SLAB ON GRADE AS REQUIRED TO REMOVE EXISTING PIPING AND INSTALL NEW PIPING. REPAIR SLAB WITH CONCRETE TO ORIGINAL CONDITION.

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- SEE DRAWING P-002 FOR CONTINUATION.
- ABANDON IN PLACE
- AT THE COMPLETION OF THE PROJECT THIS WILL BE A COMBINED SERVICE.



No.	ADDENDUM #1	03/31/2022
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Seal
STATE OF MARYLAND
CHRIS E. LEONARD
Professional Engineer
No. 98605
12/23/2021

Phase
IFB #08-22
Project No.
2019.331.004
Date
12/23/21

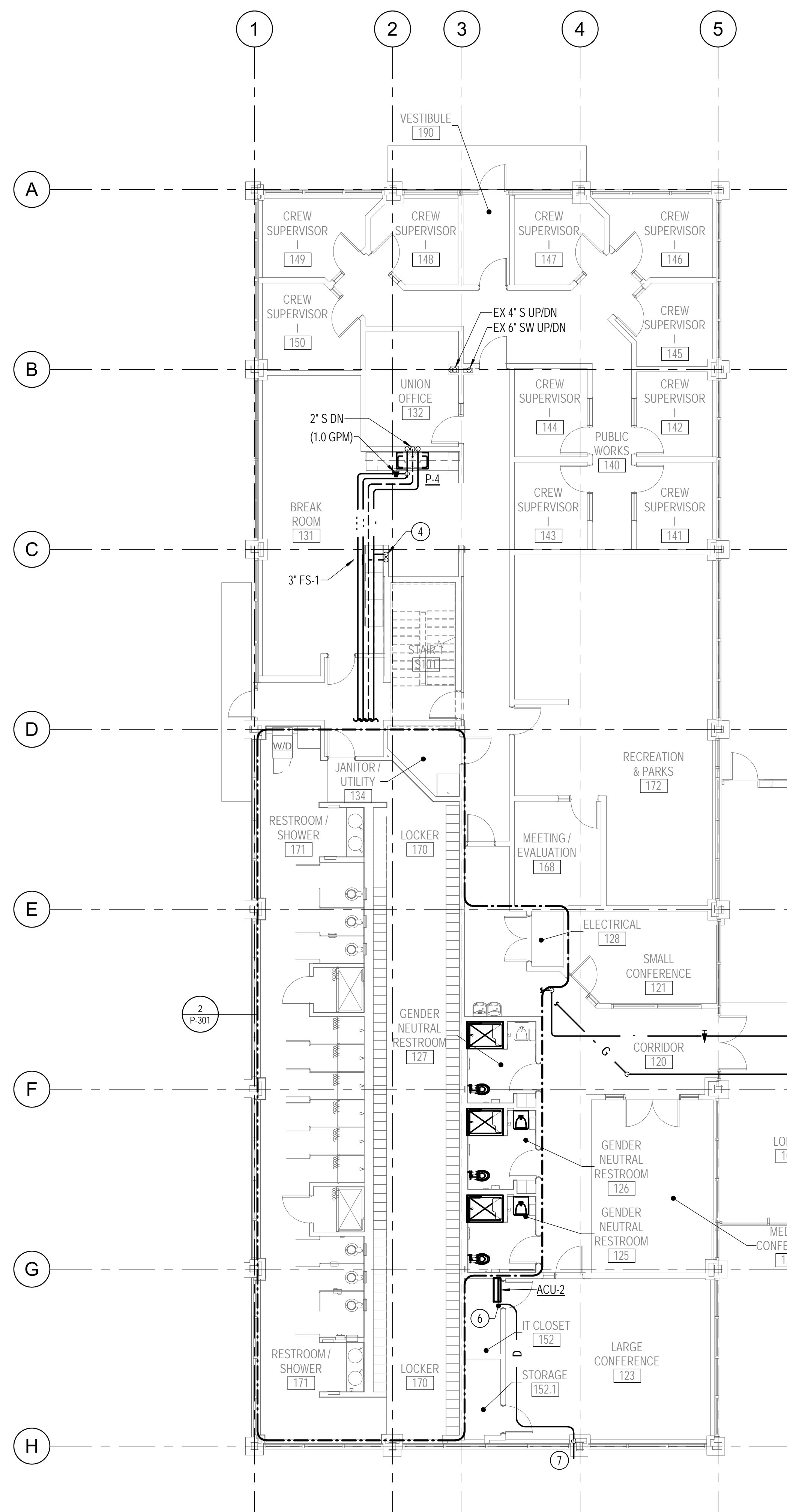
Drawing Title
PLUMBING - FOUNDATION -
NEW WORK

Drawing No.
P-100

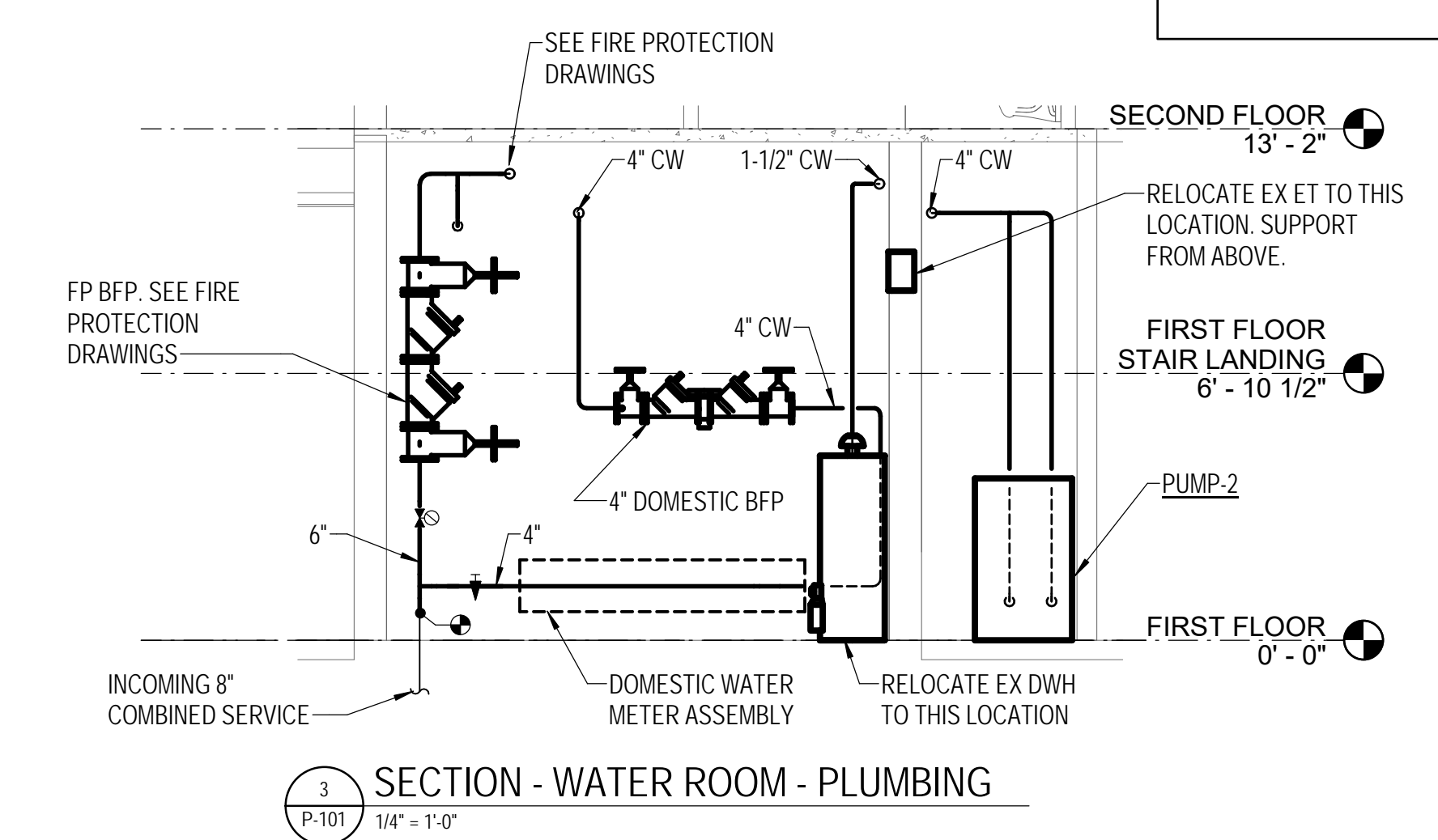
1 PLUMBING - FOUNDATION - NEW WORK PLAN
P-100 1/8" = 1'-0"



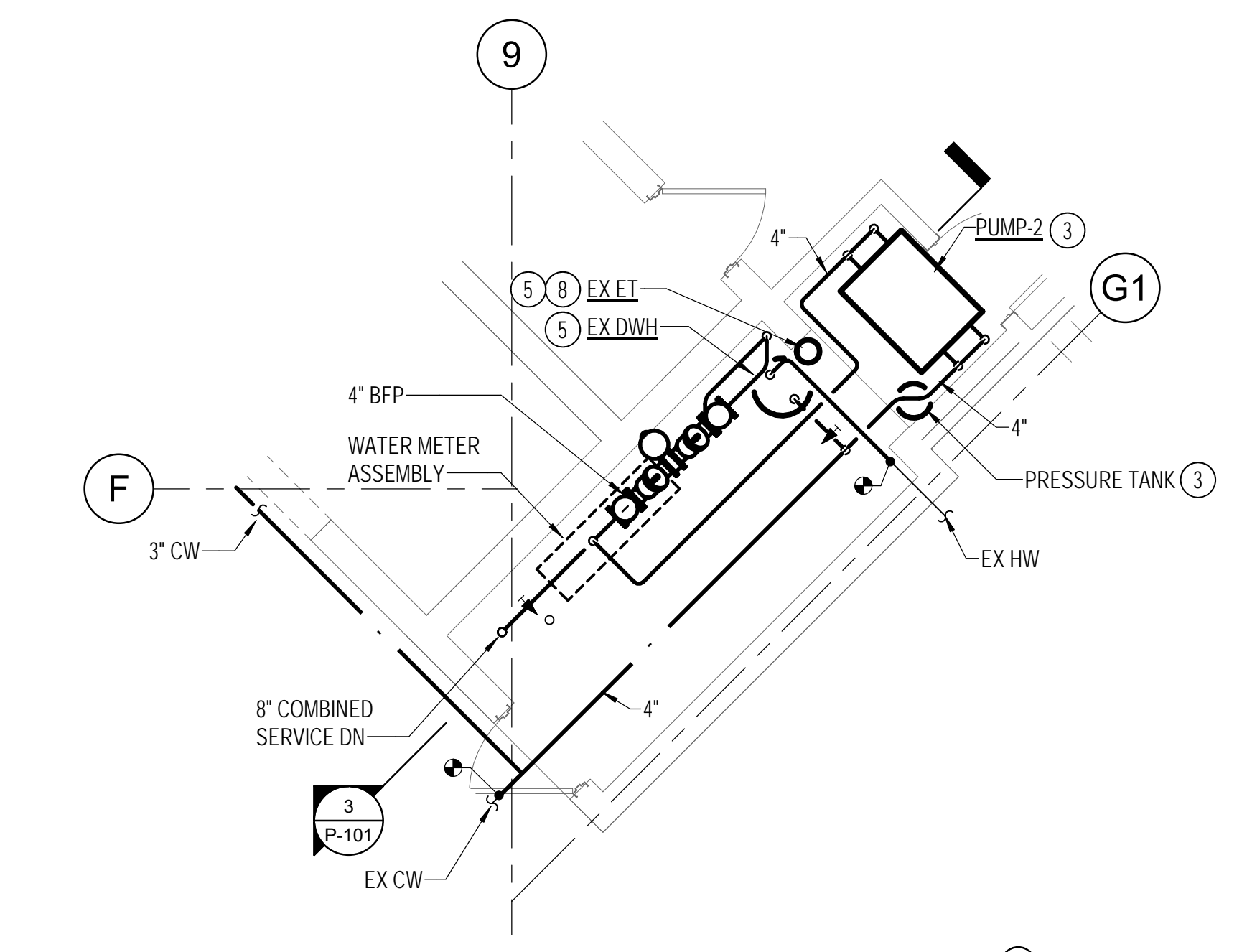
INCOMING GAS SERVICE.
SEE DRAWING P-002 FOR
CONTINUATION



1 PLUMBING - FIRST FLOOR - NEW WORK PLAN
P-101 1/8" = 1'-0"



2 SECTION - WATER ROOM - PLUMBING
P-101 1/4" = 1'-0"



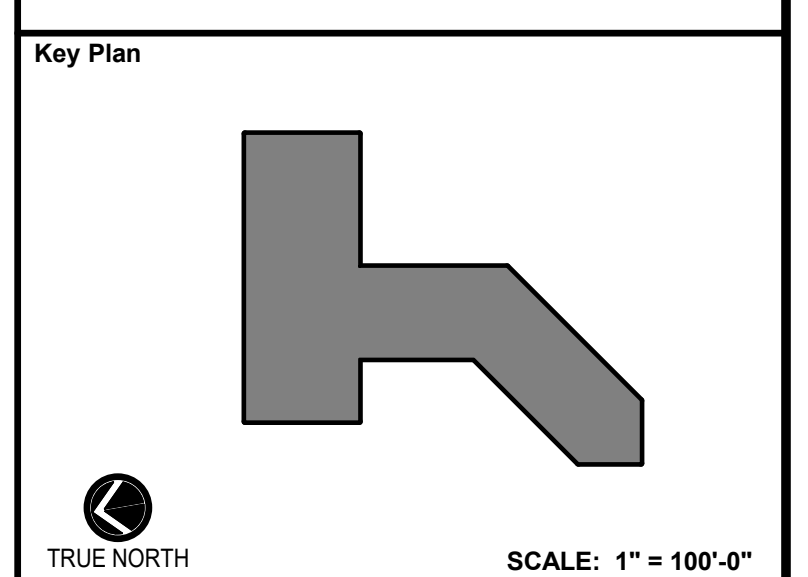
2 WATER ROOM - PLUMBING - NEW WORK PART PLAN
P-101 1/4" = 1'-0"

- DRAWING NOTES:**
(APPLICABLE TO THIS DRAWING ONLY)
- EXISTING SHOWN IN LIGHT WEIGHT LINE.
 - NEW WORK SHOWN WITH HEAVY WEIGHT LINE.
 - INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.
 - ALL FLOOR DRAINS SHALL BE PROVIDED WITH A P-TRAP.
- SPECIAL NOTES:**
(APPLICABLE TO THIS DRAWING ONLY)
- SEE DRAWING P-002 FOR CONTINUATION
 - PERFORM THIS WORK OVER OWNER APPROVED SHUTDOWN OF DOMESTIC WATER SYSTEM TO SOUTH WING
 - MOUNT ON 4" HOUSEKEEPING PAD
 - 3/4" CW DN TO ICE MAKER. PROVIDE ASSE 1022 BACKFLOW PREVENTER.
 - RELOCATE TO THIS LOCATION. EXTEND ALL PIPING, WIRING, CONTROLS AS REQUIRED.
 - CP-1
 - TERMINATE 1-1/2" PD WITH RD-1 1 FT ABOVE GRADE
 - MOUNT UP HIGH. SUPPORT FROM ABOVE.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
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PHASE 1
ROCKVILLE MARYLAND

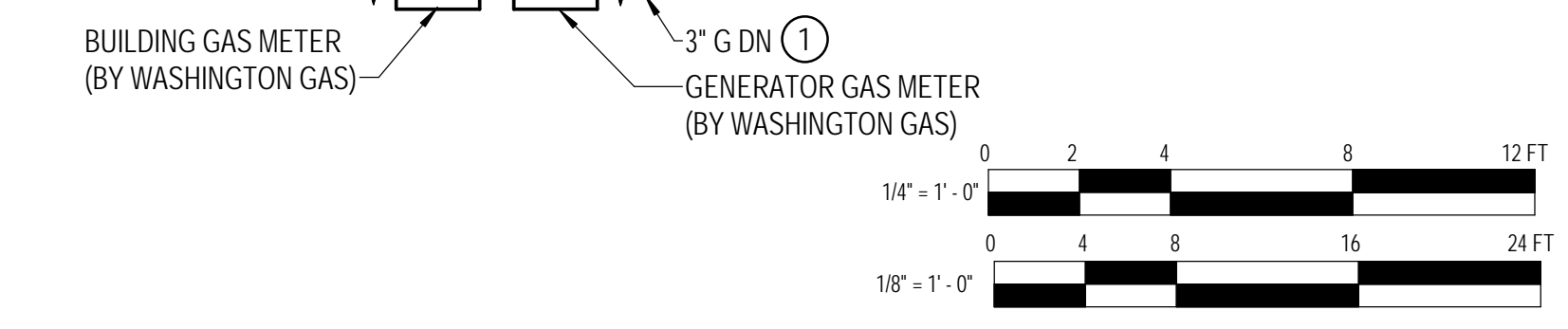
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Seal
STATE OF MARYLAND
CRISTINA E. LEBLANC
Professional Engineer
12/23/2021

Phase
IFB #08-22
Project No.
2019.331.004
Date
12/23/21

Drawing Title
PLUMBING - FIRST FLOOR -
NEW WORK

Drawing No.
P-101



DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- EXISTING SHOWN IN LIGHT WEIGHT LINE.
- NEW WORK SHOWN WITH HEAVY WEIGHT LINE.
- INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.
- ALL FLOOR DRAINS SHALL BE PROVIDED WITH A P-TRAP.

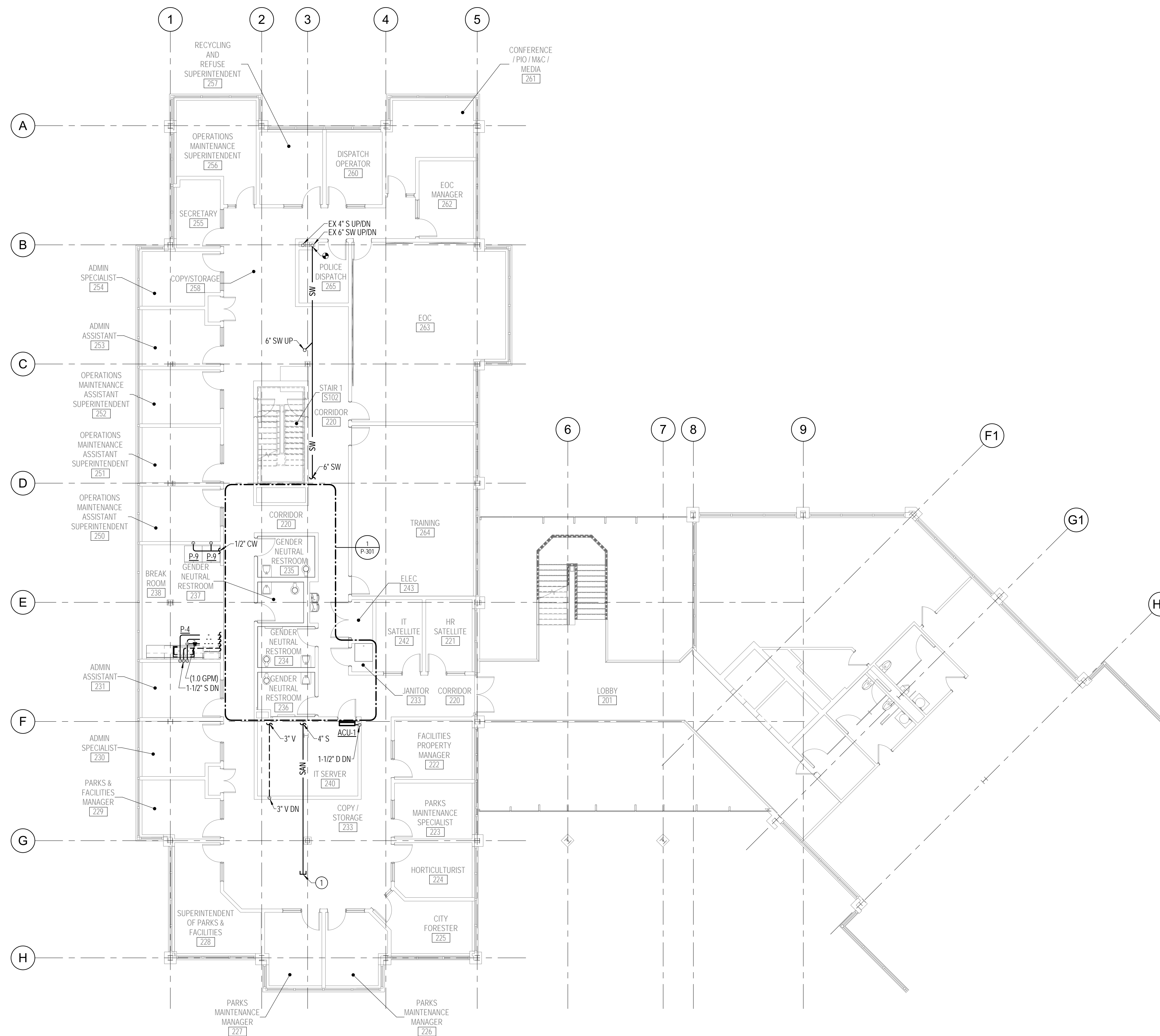
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- CAP 4" S FOR FUTURE 3RD FLOOR FIXTURES



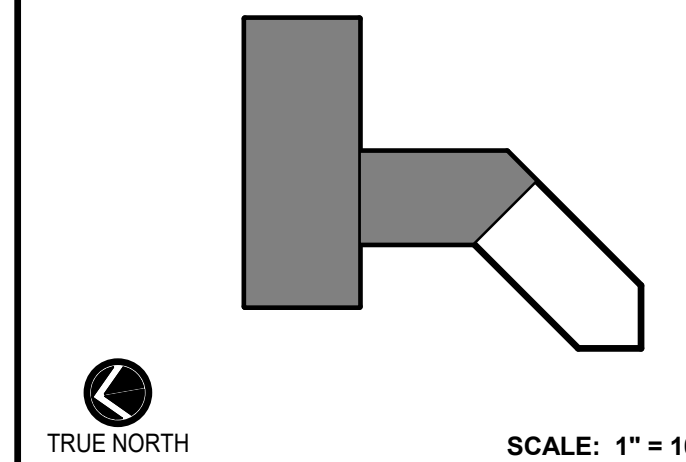
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DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
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PLUMBING - SECOND FLOOR - NEW WORK PLAN
1/8" = 1'-0"

Key Plan



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	Phase IFB #08-22
	Project No. 2019.331.004
Date 12/23/21	

Drawing Title
PLUMBING - SECOND FLOOR
- NEW WORK

Drawing No.
P-102



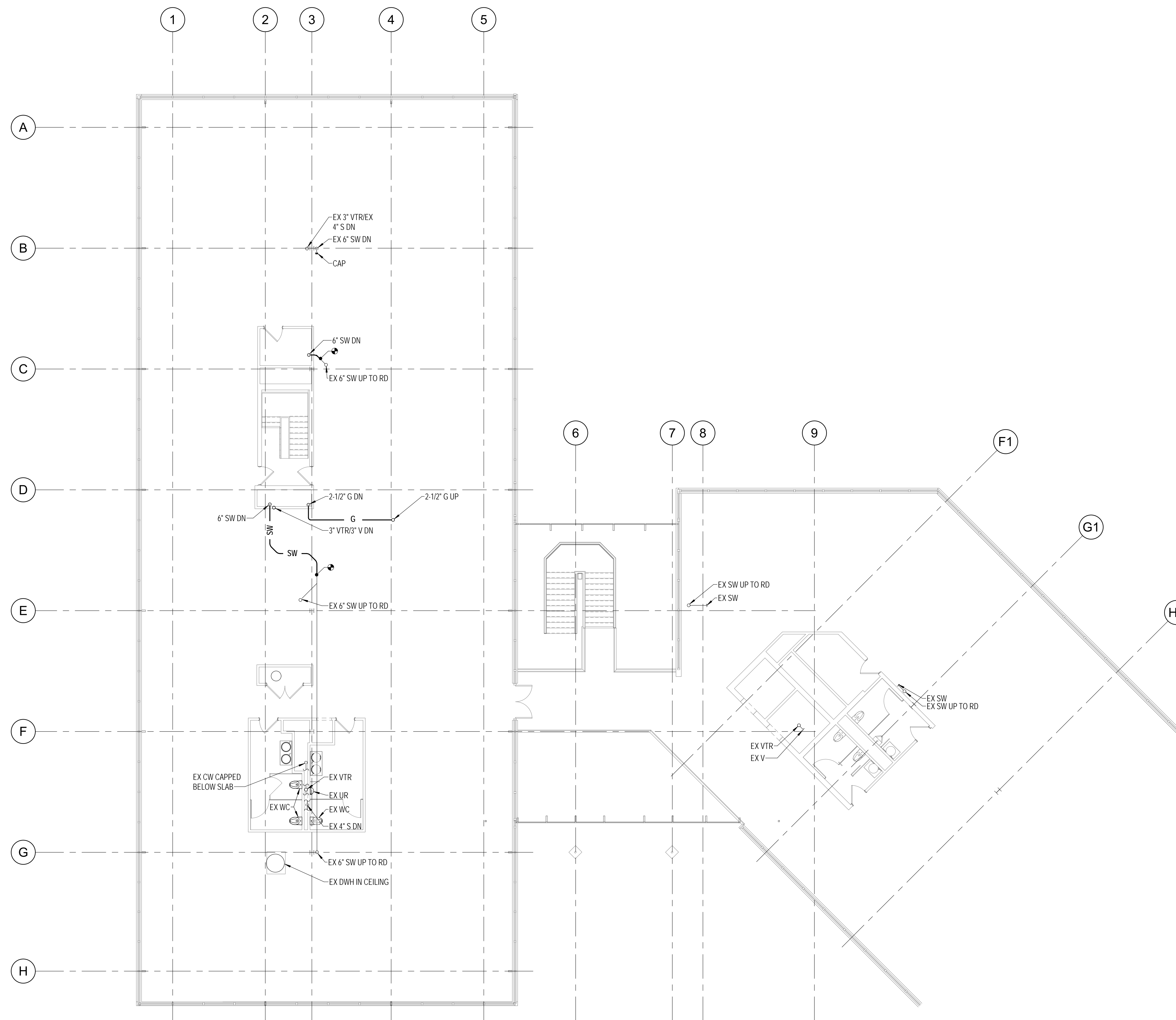
DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN IN LIGHT WEIGHT LINE.
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE.
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.
4. INSTALL ALL NEW PLUMBING WORK TIGHT TO STRUCTURE ABOVE.

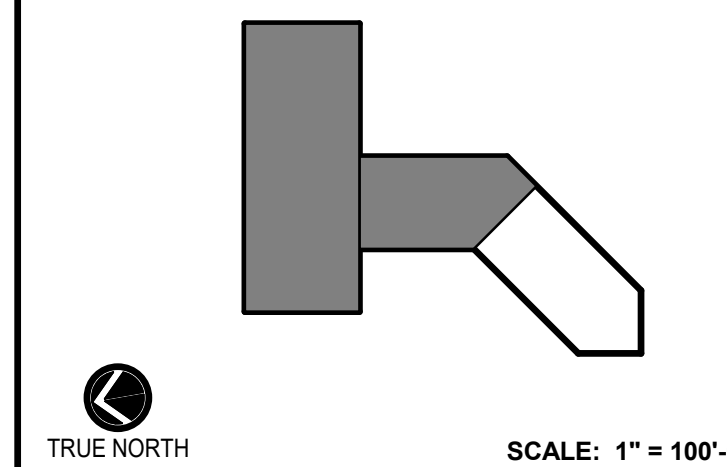


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DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
SERVICES DIVISION ARE REQUIRED FOR ON-SITE
CONSTRUCTION



Key Plan



No.	Revision	Date

Project Name
**CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1**
ROCKVILLE MARYLAND

DELTA
ENGINEERS, ARCHITECTS, & SURVEYORS
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	Phase IFB #08-22
	Project No. 2019.331.004
Date 12/23/2021	

Drawing Title
**PLUMBING - THIRD FLOOR -
NEW WORK**

Drawing No.
P-103

1 PLUMBING - THIRD FLOOR - NEW WORK PLAN
P-103 1/8" = 1'-0"

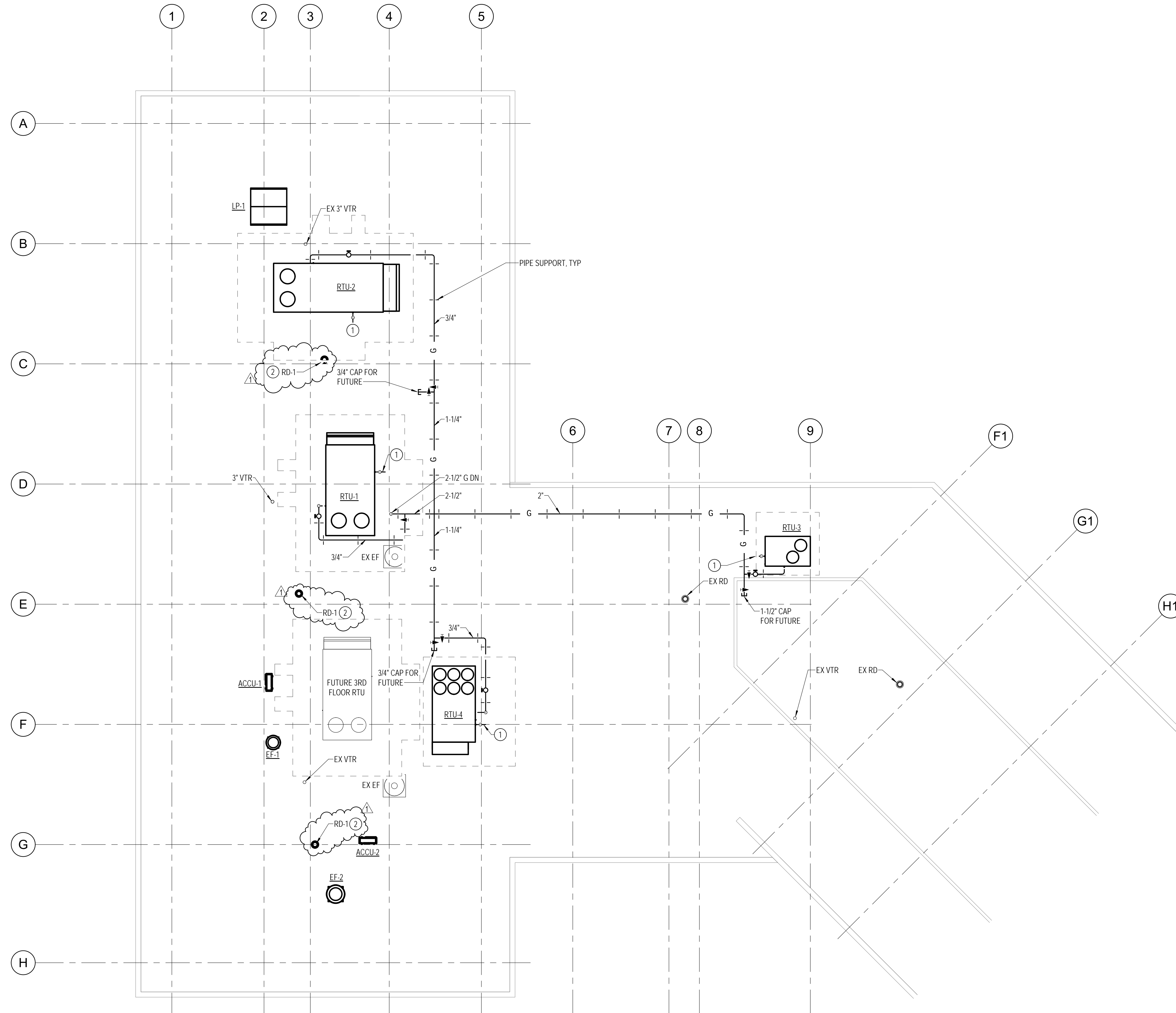


DRAWING NOTES:
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SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. TERMINATE CONDENSATE DRAIN 1 FT ABOVE FINISHED ROOF ADJACENT TO UNIT. DISCHARGE ONTO SPLASHBLOCK.
2. CONNECT NEW ROOF DRAIN TO EXISTING STORM WATER PIPING. EXTEND EXISTING STORM WATER PIPE IF REQUIRED.

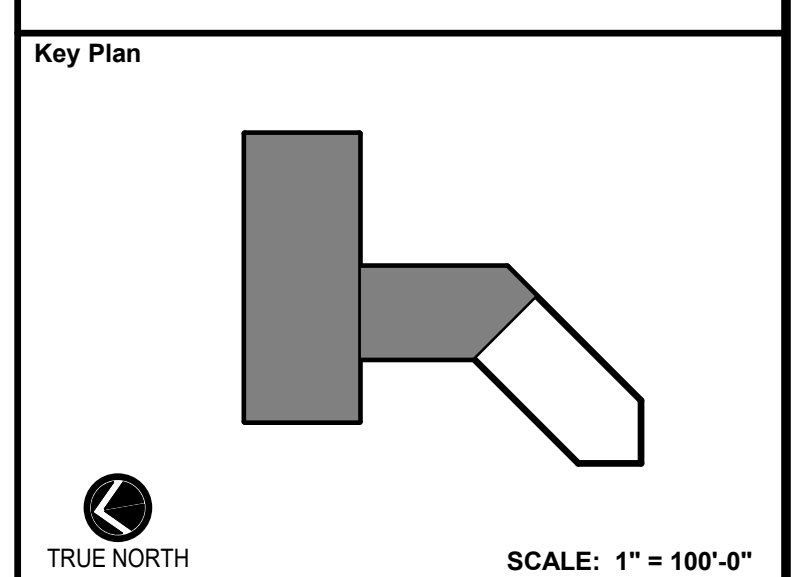


1 P-104 PLUMBING - ROOF - NEW WORK PLAN 3/8" = 1'-0"



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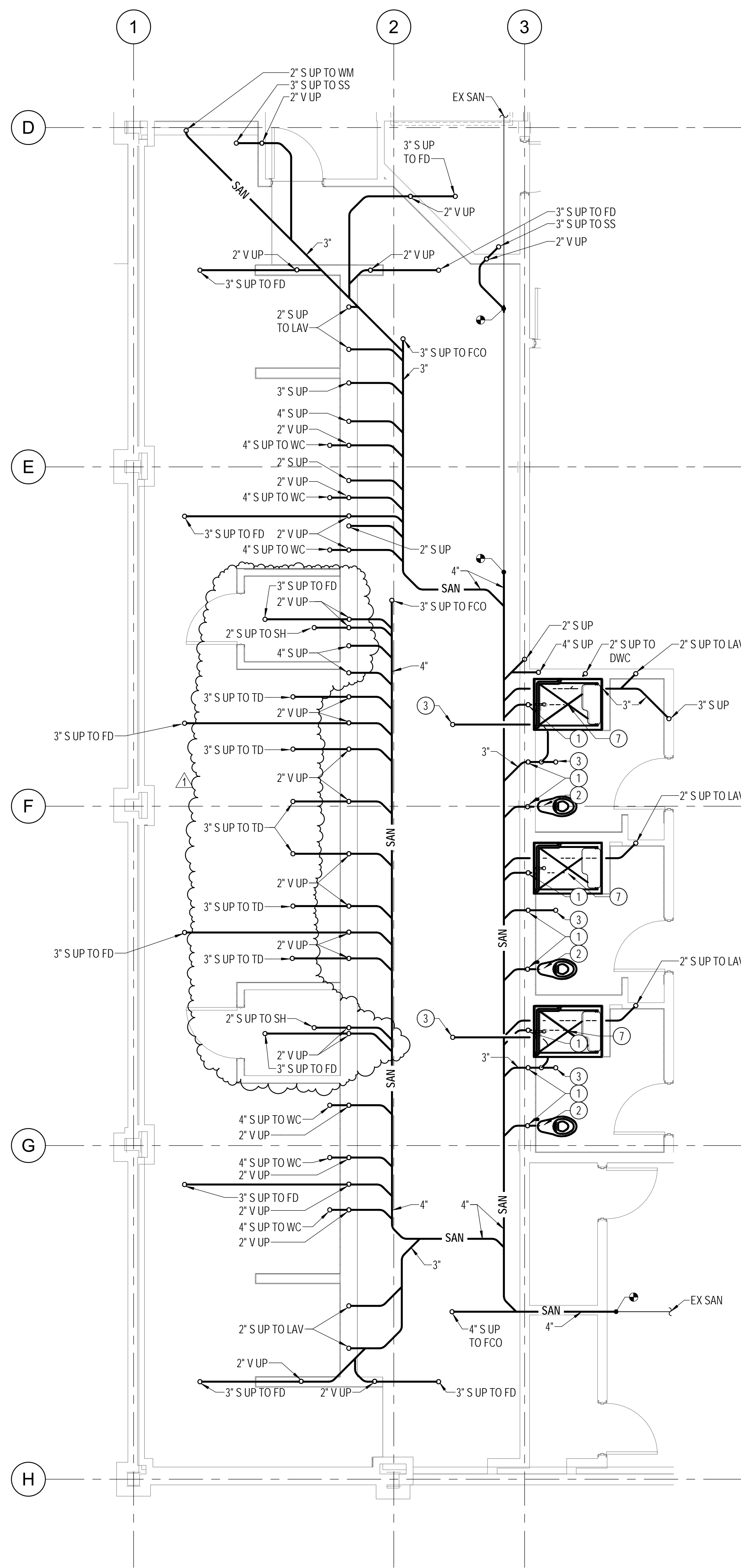
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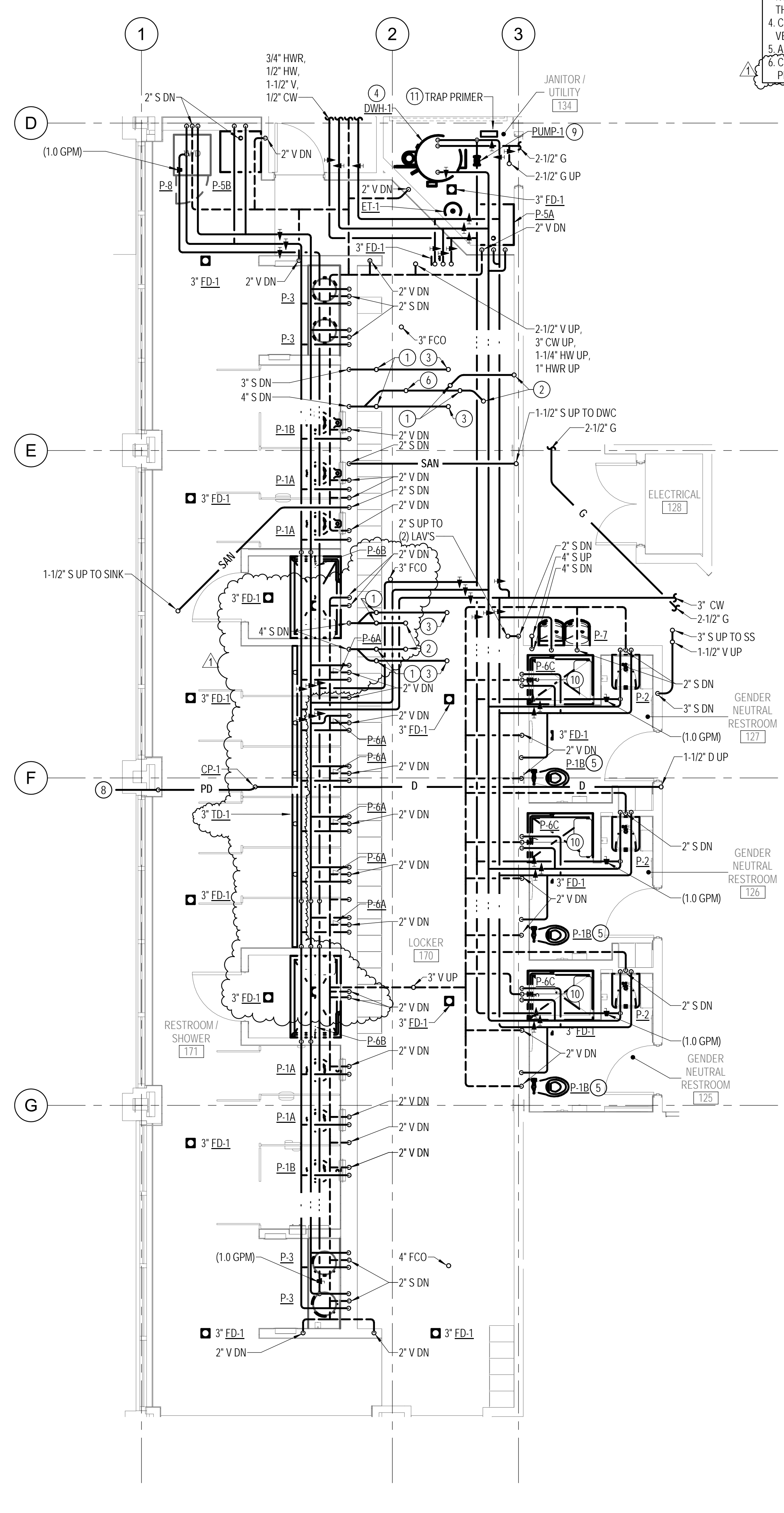
Phase: IFB #08-22
Project No.: 2019.331.004
Date: 12/23/21

Drawing Title
PLUMBING - ROOF - NEW WORK

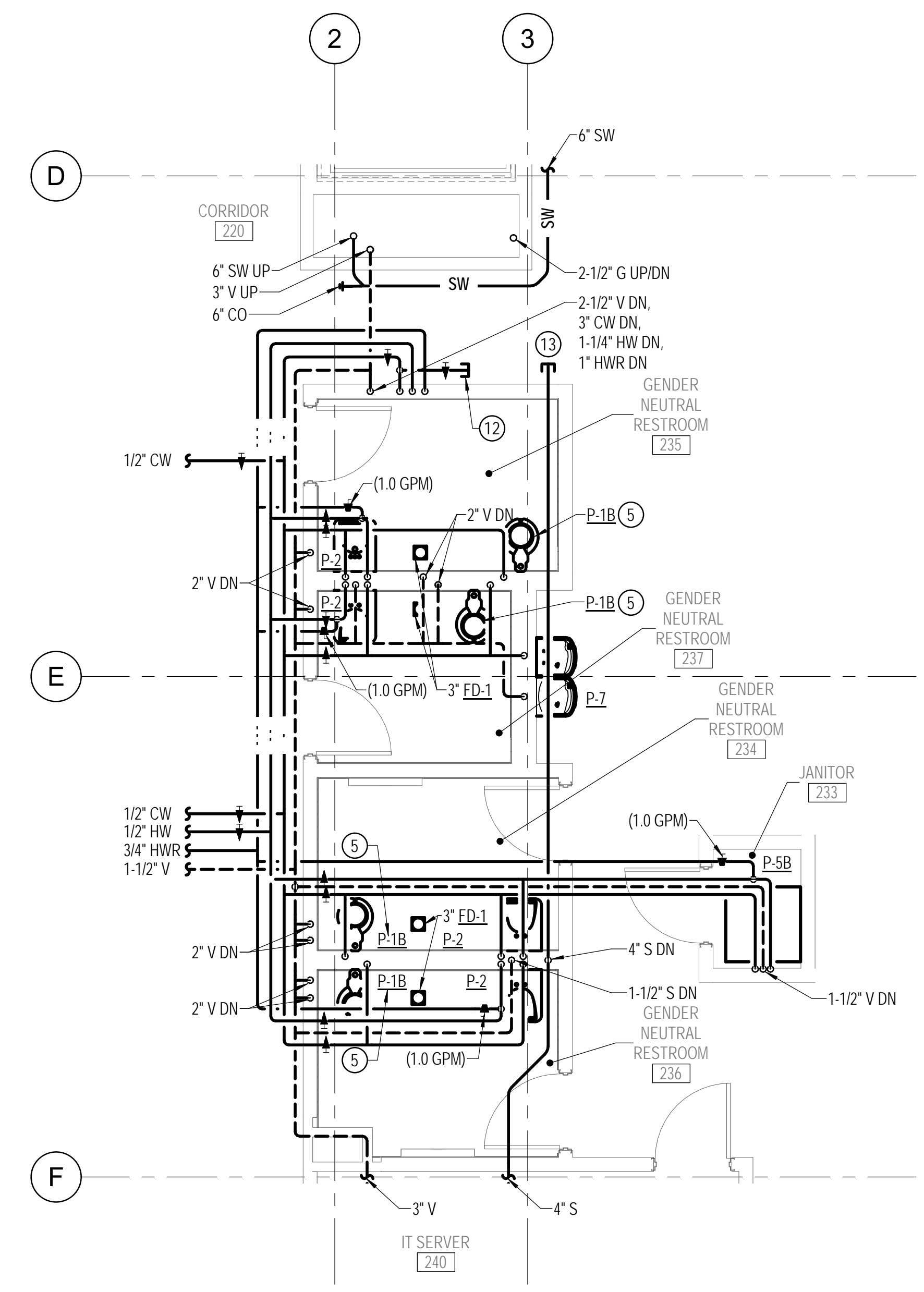
Drawing No.
P-104



2 PLUMBING - FOUNDATION - ENLARGED PLAN - NEW WORK
P-301 1/4" = 1'-0"



2 PLUMBING - FIRST FLOOR LOCKER ROOM - NEW WORK - ENLARGED PLAN
P-301 1/4" = 1'-0"



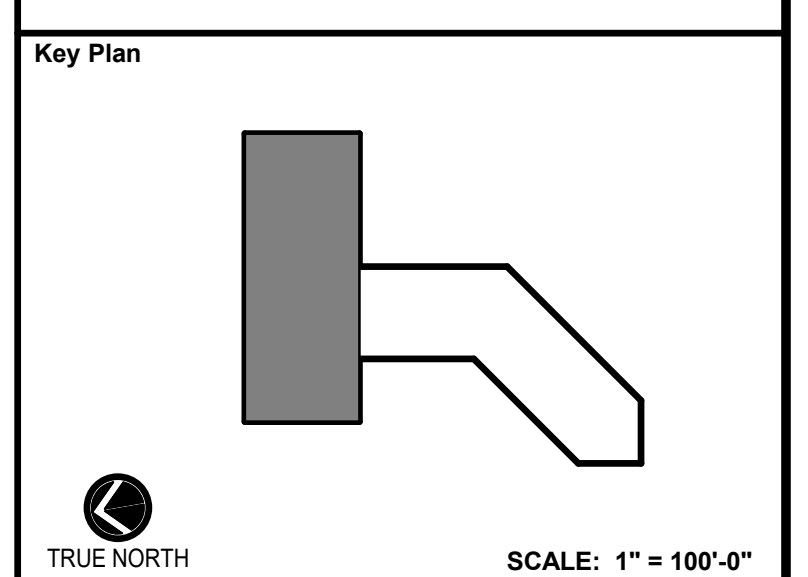
1 PLUMBING - SECOND FLOOR RESTROOMS - NEW WORK - ENLARGED PLAN
P-301 1/4" = 1'-0"

- DRAWING NOTES:**
(APPLICABLE TO THIS DRAWING ONLY)
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 - NEW WORK SHOWN WITH HEAVY WEIGHT LINE.
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 - COORDINATE ALL SUB SLAB PIPING WITH EXISTING FOOTINGS. MODIFY PIPING AS NECESSARY. VERIFY EXISTING FOOTING LOCATIONS IN FIELD.
 - ALL FLOOR DRAINS SHALL BE PROVIDED WITH A P-TRAP.
 - CUT AND TRENCH EXISTING CONCRETE SLAB ON GRADE AS REQUIRED TO REMOVE EXISTING PIPING AND INSTALL NEW PIPING. REPAIR SLAB WITH CONCRETE TO ORIGINAL CONDITION.
- SPECIAL NOTES:**
(APPLICABLE TO THIS DRAWING ONLY)
- 2" V UP
 - 4" S UP TO WC
 - 3" S UP TO FD
 - MOUNT ON 4" HOUSEKEEPING PAD
 - PROVIDE TRAP PRIMER TO SERVE FLOOR DRAINS IN THIS SPACE
 - 1-1/2" S UP TO (2) LAVS
 - 2" S UP TO SH
 - TERMINATE 1-1/2" PD WITH RD-1 1 FT ABOVE GRADE
 - SUPPORT FROM ABOVE
 - 2" V DN
 - MOUNT TOP OF UNIT APPROXIMATELY 60" AFF. TRAP PRIMER TO SERVE FLOOR DRAINS IN 134 JANITOR/UTILITY, 170 LOCKER, AND 171 RESTROOM/SHOWER.
 - 2-1/2" VALVE AND CAP
 - CAP 4" S FOR FUTURE 3RD FLOOR FIXTURES.



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No.	Revision	Date
1	ADDENDUM #1	03/31/2022
	233	

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
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Phase: IFB #08-22
Project No.: 2019.331.004
Date: 12/23/21

Drawing Title
PLUMBING ENLARGED PLANS

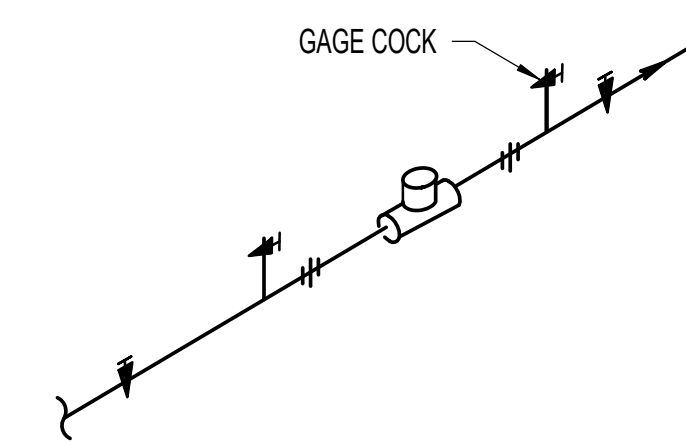
Drawing No.
P-301



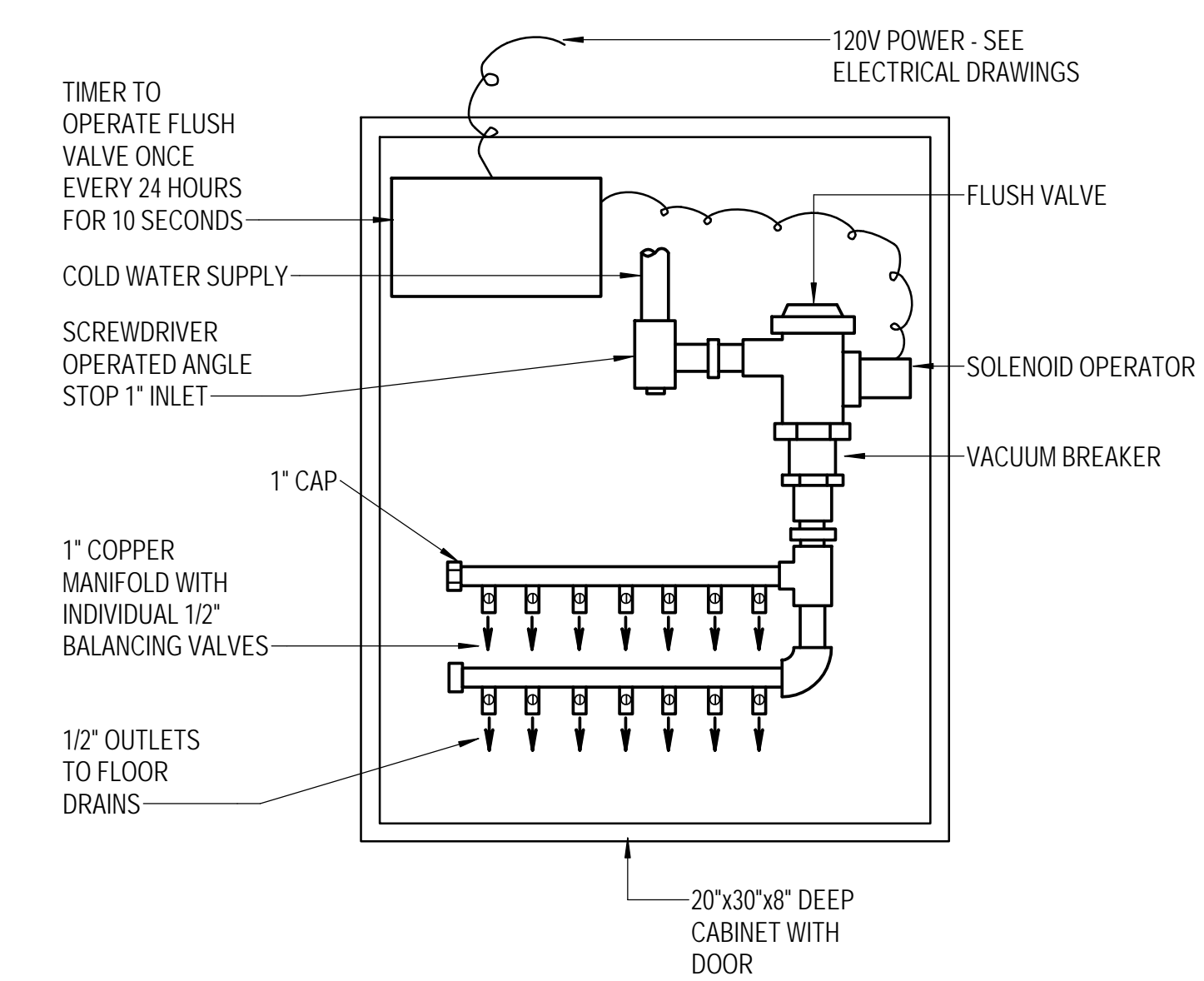


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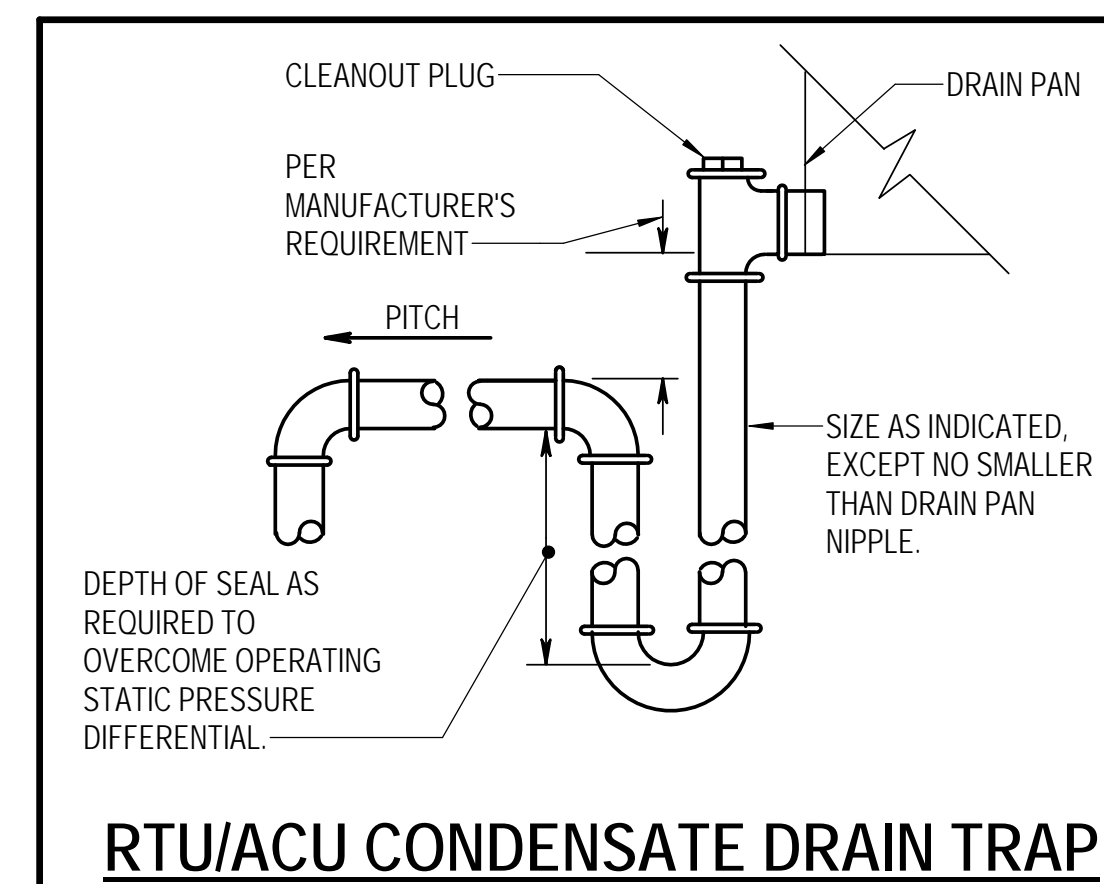


IN-LINE CIRCULATOR

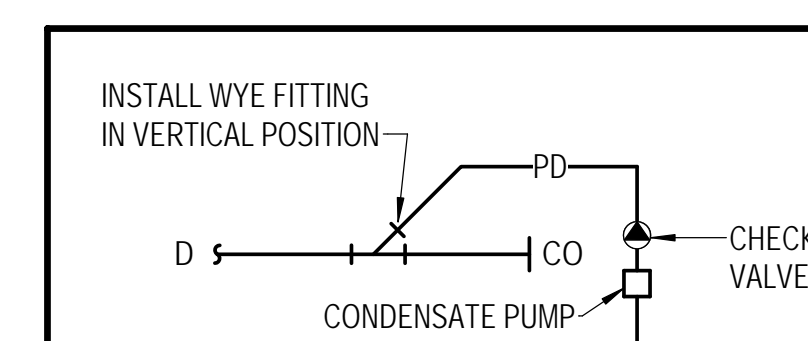


NOTES:
1. MAXIMUM 2 TRAPS PER 1/2" OUTLET.

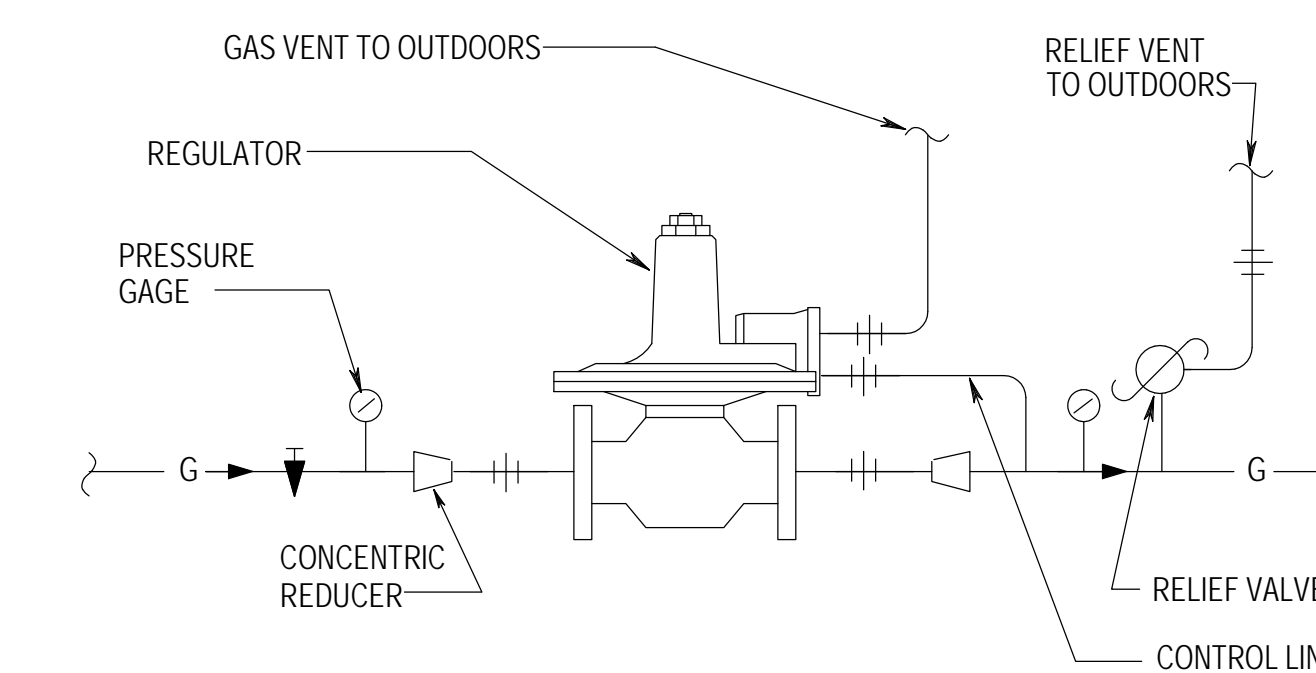
TYPE A TRAP PRIMING SYSTEM



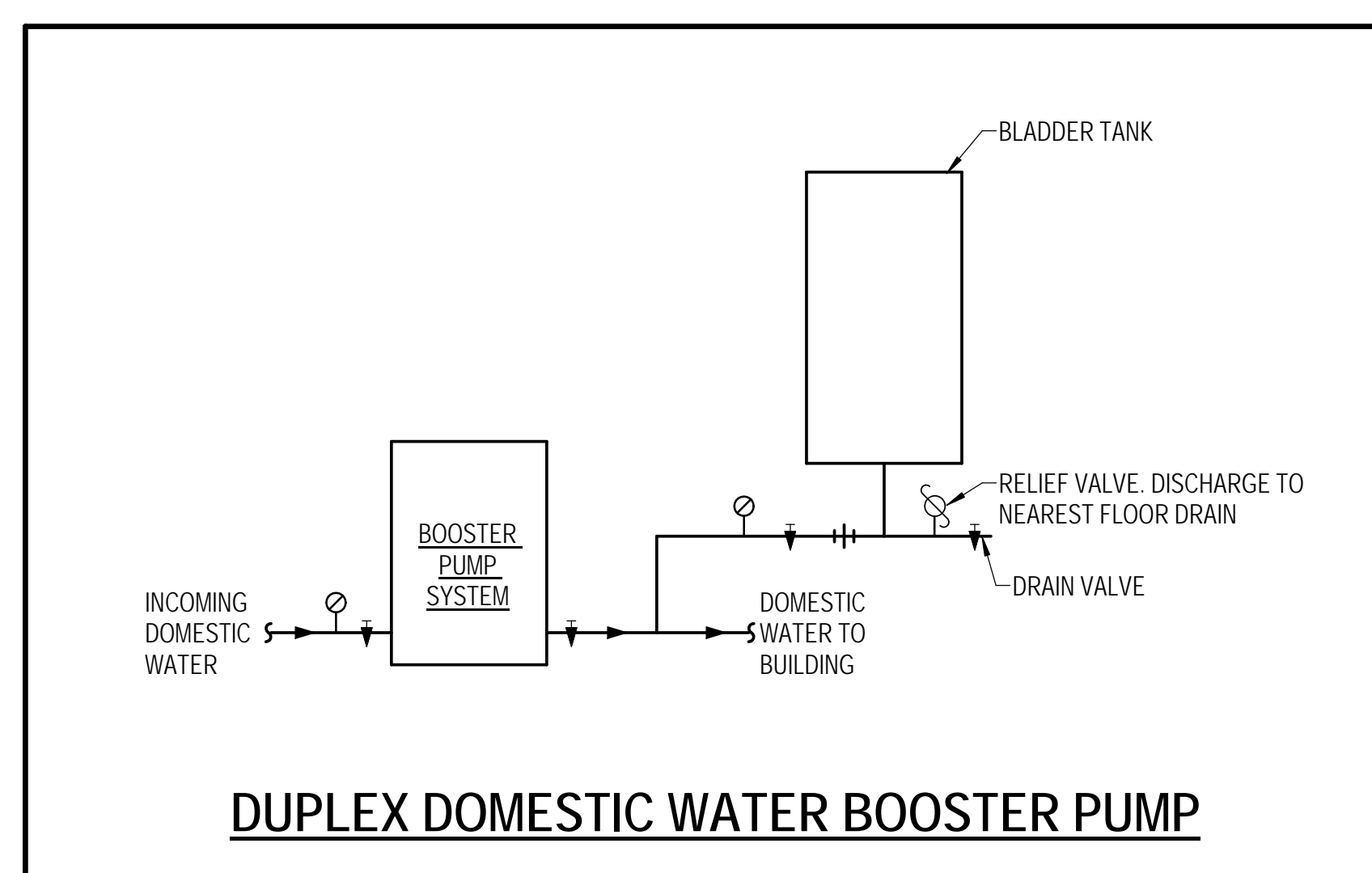
RTU/ACU CONDENSATE DRAIN TRAP



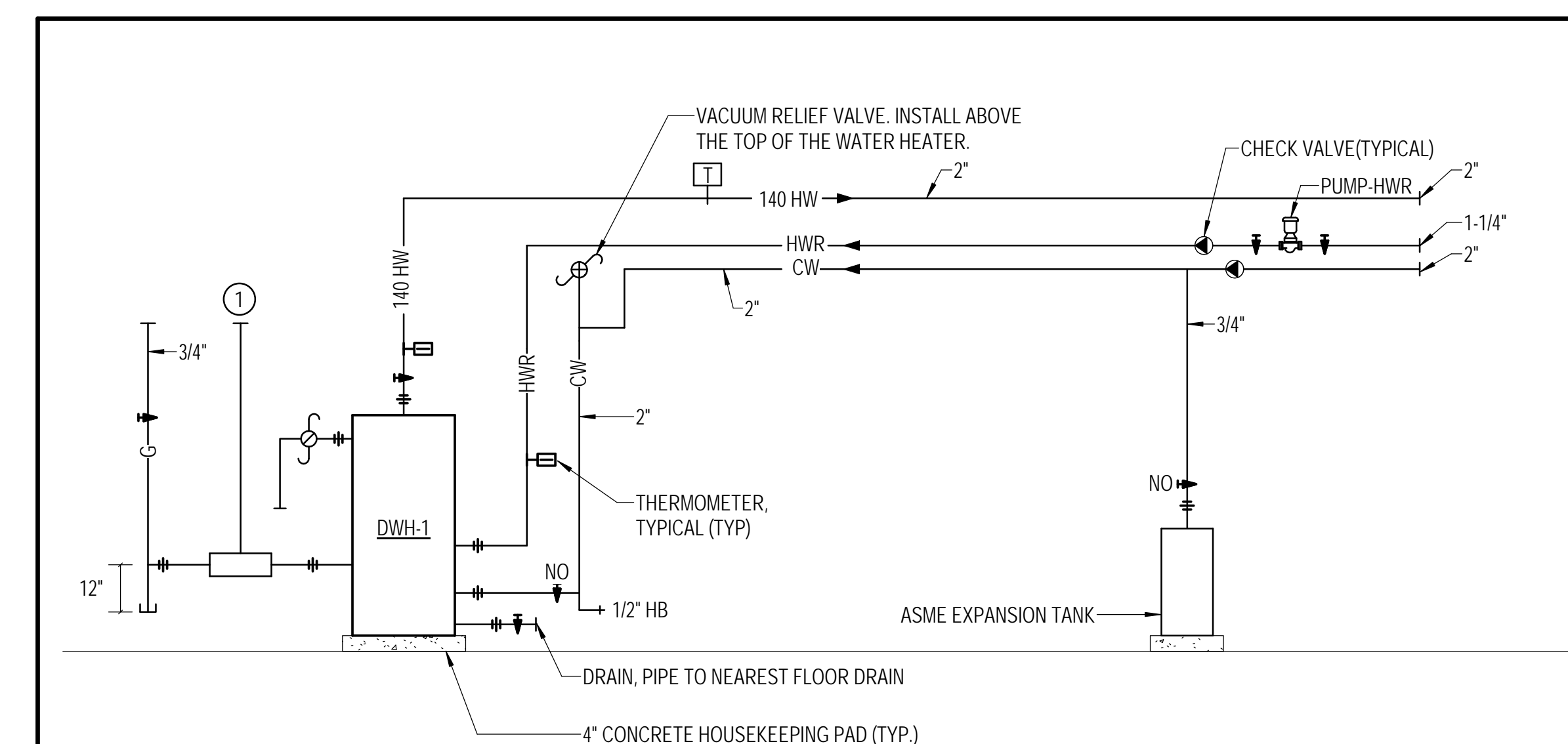
CONDENSATE PUMP W/BWV



GAS PRESSURE REGULATOR PIPING



DUPLEX DOMESTIC WATER BOOSTER PUMP



SPECIAL NOTE:
① GAS RELIEF VENT TO OUTDOORS. QUANTITY AND SIZE AS REQUIRED FOR GAS TRAIN.

GENERAL NOTE:
1. MAINTAIN MANUFACTURER'S REQUIRE CLEARANCE ABOVE AND ON ALL SIDES OF WATER HEATER.

GAS-FIRED DOMESTIC WATER HEATER PIPING

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	Project No. 2019.331.004
	Date 12/23/21

Drawing Title
PLUMBING DETAILS

Drawing No.
P-401



GENERAL NOTES: (APPLICABLE TO ALL PLUMBING SCHEDULES)

1. UNIT NUMBERS ARE INDICATED WHERE ALL UNITS ARE LISTED AND NUMBERED INDIVIDUALLY.
2. UNIT SYMBOLS ARE INDICATED WHERE ALL UNITS ARE NOT LISTED AND NUMBERED INDIVIDUALLY.
3. UNIT TYPES ARE DESCRIBED IN THE SPECIFICATIONS.
4. TEMPERATURE VALUES ARE LISTED IN DEGREES FAHRENHEIT
5. FLUID PRESSURE VALUES ARE LISTED IN FEET OF WATER GAGE
7. PIPE SIZES ARE LISTED IN SINGLE-NUMBER INCHES OF NOMINAL DIAMETER OR MULTIPLE NUMBER INCHES OF INDICATED PARAMETER. CONNECTION SIZES ARE BRANCH SIZES FROM MAINS TO UNIT INLETS. SINGLE PIPE SIZE IS TYPICAL FOR SUPPLY AND RETURN.

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PLUMBING FIXTURES						
UNIT NO	FIXTURE	CW ①	HW ①	SAN ①	VENT ②	NOTES
P-1A	WATER CLOSET - FLOOR MOUNTED	1	-	4	2	
P-1B	WATER CLOSET - FLOOR MOUNTED - ADA	1	-	4	2	
P-2	LAVATORY - WALL HUNG	1/2	1/2	1-1/2	1-1/2	W/MIXING VALVE
P-3	LAVATORY - COUNTERTOP	1/2	1/2	1-1/2	1-1/2	W/MIXING VALVE
P-4	DOUBLE COMPARTMENT SINK	1/2	1/2	1-1/2	1-1/2	
P-5A	SERVICE SINK - 30x30	1/2	1/2	3	1-1/2	
P-5B	SERVICE SINK - 36x36	1/2	1/2	3	1-1/2	
P-6A	SHOWER HEAD	1/2	1/2	-	-	
P-6B	SHOWER - ADA	1/2	1/2	2	1-1/2	
P-6C	SHOWER - ADA	1/2	1/2	2	1-1/2	
P-7	DRINKING WATER COOLER	1/2	-	1-1/2	1-1/2	
P-8	WASHING MACHINE	1/2	1/2	2	1-1/2	
P-9	ICE MAKER BOX	1/2	-	-	-	

NOTES FOR PLUMBING FIXTURES:

- ① PIPE SIZES ARE FOR BRANCHES TO ROUGH-IN LOCATION FOR EQUIPMENT CONNECTION. WHERE EQUIPMENT CONNECTION SIZE IS DIFFERENT THAN ROUGH-IN SIZE, PROVIDE UNION AND ADAPTER AT CONNECTION POINT.
- ② INDIVIDUAL VENT PIPE SIZE SHALL BE FROM FIXTURE DRAIN OR DRAINAGE FITTING TO BRANCH VENT OR VENT STACK, EXCEPT WHERE INDICATED.

PUMPS - PLUMBING														
UNIT NO	TYPE	LOCATION	SERVICE	FLUID	GPM	HEAD (FT)	TEMP	HP	RPM	ELECTRICAL			BASIS OF DESIGN	NOTES
										V	PH	HZ		
PUMP-1	J	JANITOR 134	HOT WATER RECIRC	WATER	10	10	120	1/8	1750	120	1	60	TACO MODEL IL113	
PUMP-2	Q	WATER ROOM	DOMESTIC WATER BOOSTER SYSTEM	WATER	100	149	60	7-1/2	3500	480	3	60	VC SYSTEMS MODEL PCM	① ②

NOTES FOR PUMPS - PLUMBING:

- ① DUTY INDICATED IS FOR EACH PUMP A DUPLEX PUMP SYSTEM.
- ② PROVIDE ASME BLADDER TANK SIZED FOR 79 GALLONS AND RATED FOR 125 PSIG. PROVIDE A PRV ON THE UNIT DISCHARGE TO LIMIT THE PRESSURE TO 70 PSI

DOMESTIC WATER HEATERS											
UNIT NO	LOCATION	EWT	LWT	RECOVERY GPH	INPUT (MBH)	STORAGE CAPACITY (GAL)	ELECTRICAL			BASIS OF DESIGN	NOTES
							V	PH	HZ		
DWH-1	134 JANITOR/UTILITY	40	140	588	500	130	120	1	60	PVI MODEL 50 L 130A-GCL	

DIAPHRAGM EXPANSION TANKS - PLUMBING									
UNIT NO	LOCATION	SERVICE	TANK VOLUME (GAL)	ACCEPTANCE VOLUME (GAL)	APPROX SIZE (DxL)	INITIAL CHARGE (PSI)	PIPE SIZE TANK CONNECTION	BASIS OF DESIGN	NOTES
ET-1	134 JANITOR	DOMESTIC WATER HEATER	6.4	3.2	12x18	55	3/4	AMTROL MODEL ST-12C-DD	

CONDENSATE PUMPS								
UNIT NO	LOCATION	TYPE	SERVICE	FLUID	GPM	FPD	HP	NOTES
CP-1	171 RESTROOM/SHOWER	A	FCU-1 CONDENSATE	WATER	0.5	15	1/30	

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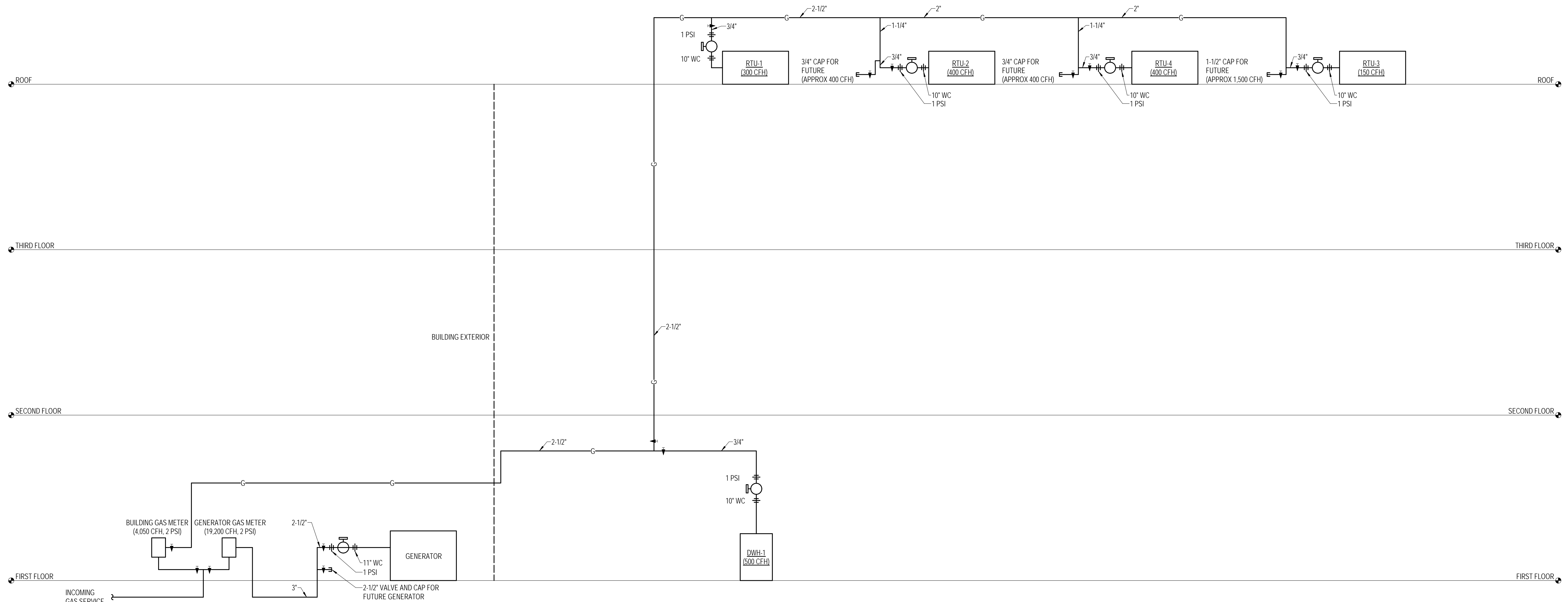
Drawing Title
PLUMBING SCHEDULES

Drawing No.
P-501

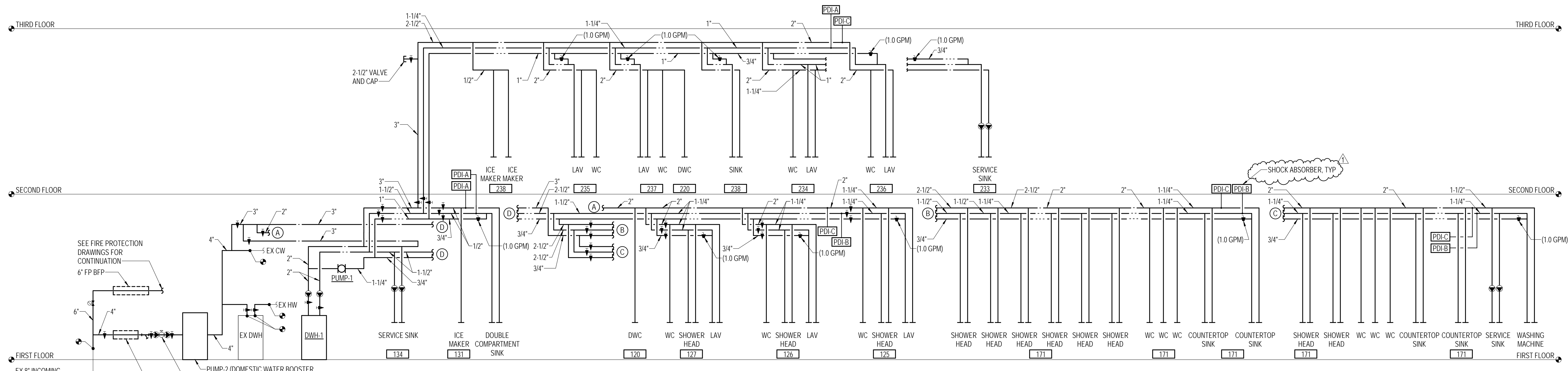


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2 GAS RISER DIAGRAM
P-601 NTS



1 DOMESTIC WATER RISER DIAGRAM
P-601 NTS

Key Plan

No.	ADDENDUM #1	03/31/2022
1	Revision	Date

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Drawing Title
PLUMBING RISER DIAGRAMS

Drawing No.

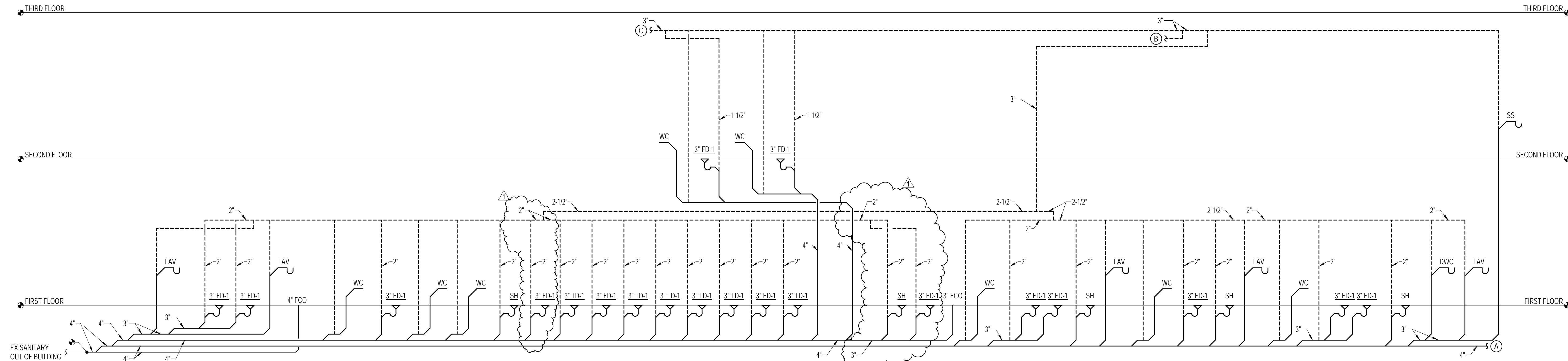
P-601

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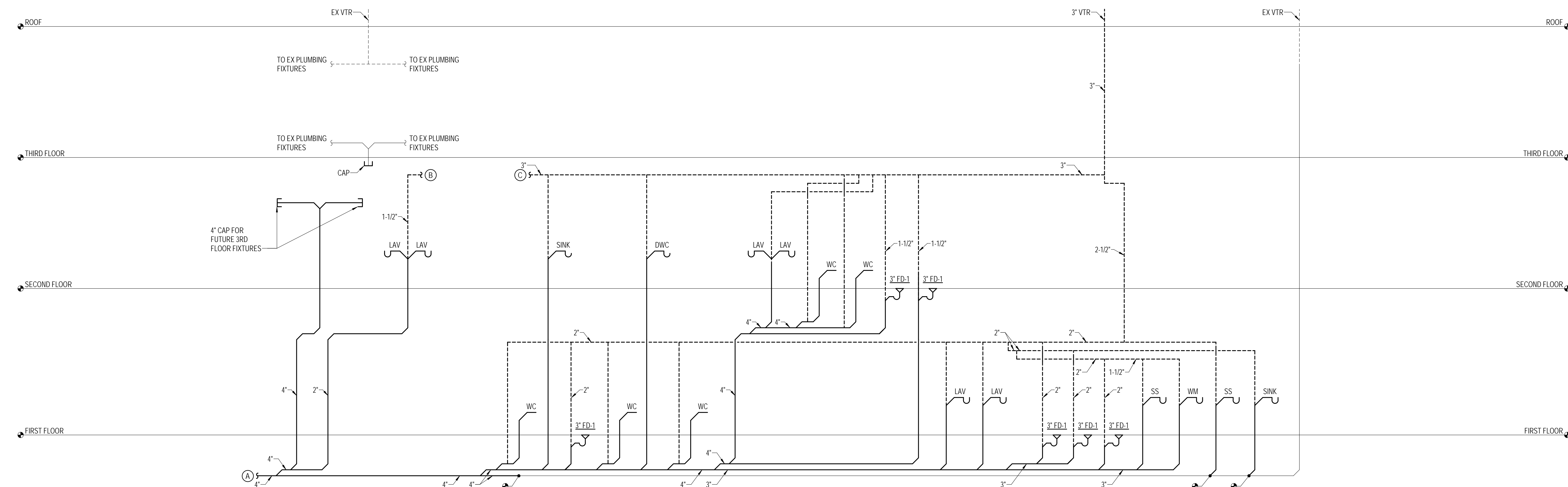


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2 SANITARY RISER DIAGRAM 1
P-602 NTS



1 SANITARY RISER DIAGRAM 2
P-602 NTS

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Drawing Title
PLUMBING RISER DIAGRAMS

Drawing No.
P-602

MECHANICAL ABBREVIATIONS

ACCU	AIR COOLED CONDENSING UNIT	KW	KILOWATTS
ACU	AIR CONDITIONING UNIT	L	LENGTH
AD	ACCESS DOOR	LAT	LEAVING AIR TEMPERATURE
AFF	ABOVE FINISHED FLOOR	LLS	LIQUID LEVEL SENSOR
AFM	AIR FLOW MONITOR	LP	LOUVERED PENTHOUSE
APD	AIR PRESSURE DROP		
ATU	AIR TERMINAL UNIT	M	MECHANICAL
		MAX	MAXIMUM
BAS	BUILDING AUTOMATION SYSTEM	MBH	THOUSAND BTU PER HOUR
BDD	BACKDRAFT DAMPER	MECH	MECHANICAL
BHP	BRAKE HORSEPOWER	MIN	MINIMUM
BLDG	BUILDING	MOD	MOTOR-OPERATED DAMPER
BS	BRANCH SELECTOR		
		N	NORTH
CFM	CUBIC FEET PER MINUTE	NO	NUMBER
CLG	COOLING	NTS	NOT TO SCALE
CO	CLEANOUT		
COND	CONDENSATE DRAIN	OA	OUTDOOR AIR
CP	CONDENSATE PUMP	OED	OPEN-END DUCT
CS	CURRENT SENSOR		
		PD	PUMP DISCHARGE
D	DEEP / DEPTH / DIAMETER / DIFFUSER / DRAIN	PPM	PARTS PER MILLION
DB	DRY BULB	PSI	PRESSURE - POUNDS PER SQUARE INCH
DEG	DEGREES		
DIA	DIAMETER		
DN	DOWN	R	RADIUS / REFRIGERANT / REGISTER
DPS	DIFFERENTIAL PRESSURE SENSOR	RA	RETURN AIR
DWGS	DRAWINGS	RL	REFRIGERANT LIQUID
		RPM	REVOLUTIONS PER MINUTE
EA	EXHAUST AIR	RS	REFRIGERANT SUCTION
EAT	ENTERING AIR TEMPERATURE	RTU	ROOFTOP UNIT
ECON	ECONOMIZER	RX	REMOVE EXISTING
EER	ENERGY EFFICIENCY RATIO		
EF	EXHAUST FAN	S	SWITCH
ELEV	ELEVATION / ELEVATOR	SA	SUPPLY AIR
ERV	ENERGY RECOVERY VENTILATOR	SD	SMOKE DAMPER
ESP	EXTERNAL STATIC PRESSURE	SEER	SEASONAL ENERGY EFFICIENCY RATIO
ESS	EMERGENCY SHUTDOWN SWITCH	SENS	SENSIBLE COOLING
EX	EXISTING	SF	SQUARE FEET / SQUARE FOOT
		T	TEMPERATURE SENSOR
F	FAHRENHEIT	TSP	TOTAL STATIC PRESSURE
FC	FLEXIBLE CONNECTION	TYP	TYPICAL
FCU	FAN COIL UNIT		
FLA	FULL LOAD AMPS	UC	UNDERCUT DOOR
FFM	FEET PER MINUTE	UH	UNIT HEATER
FT	FEET		
		V	VENT / VALVE
G	GRILLE	VD	VOLUME DAMPER
		VFMC	VARIABLE FREQUENCY MOTOR CONTROLLER
H	HEIGHT / HUMIDITY SENSOR	VRF	VARIABLE REFRIGERANT FLOW
HOA	HAND-OFF-AUTOMATIC SWITCH		
HP	HORSEPOWER	W	WIDTH / WITH
HTG	HEATING	WB	WET BULB
HVAC	HEATING, VENTILATING AND AIR CONDITIONING	WG	WATER GAGE
IEER	INTEGRATED ENERGY EFFICIENCY RATIO		
IN	INCH / INCHES		

MECHANICAL LEGEND

(APPLICABLE TO ALL MECHANICAL DRAWINGS)

SYMBOL	DESCRIPTION
—RL—	REFRIGERANT LIQUID
—RS—	REFRIGERANT SUCTION
⊕	CONNECT TO EXISTING
⊖	END POINT OF REMOVAL OF EXISTING
① M-100	PLAN/ SECTION DESIGNATION TOP - PLAN/ SECTION REFERENCE, BOTTOM - REFERENCED DRAWING
⊠	EXHAUST AIR DUCT
⊠	OUTDOOR AIR OR SUPPLY AIR DUCT
⊠	RETURN AIR DUCT
⊙	CARBON DIOXIDE SENSOR
⊙	THERMOSTAT/TEMPERATURE SENSOR
②	DUCT MOUNTED SMOKE DETECTOR
←	BAROMETRIC BACKDRAFT DAMPER
⊕	COMBINATION FIRE AND SMOKE DAMPER
⊕	FIRE DAMPER
⊕	MOTOR OPERATED DAMPER
⊕	VOLUME DAMPER
XXXXX	FLEXIBLE CONNECTION
⊠	SINGLE DUCT AIR CONDITIONING TERMINAL UNIT
8x8 D-1 250	DIFFUSER TAG: TOP- NECK SIZE CENTER- SPECIFICATION TYPE BOTTOM- AIRFLOW IN CFM

GENERAL NOTES: (APPLICABLE TO ALL MECHANICAL DRAWINGS)

1. THE LOCATION OF ALL EXISTING UTILITIES IS SHOWN IN AN APPROXIMATE WAY ONLY. DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. REPAIR ALL DAMAGES OCCASIONED BY FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL EXISTING UTILITIES.
2. UNLESS OTHERWISE NOTED, ALL PIPING AND DUCTWORK IS OVERHEAD, TIGHT TO UNDERSIDE OF SLAB, WITH SPACE FOR INSULATION IF REQUIRED.
3. INSTALL PIPING AND DUCTWORK SO THAT ALL VALVES AND DAMPERS ARE ACCESSIBLE.
4. COORDINATE ALL MECHANICAL WORK WITH PLUMBING WORK, ELECTRICAL WORK, ETC., SHOWN ON OTHER DRAWINGS.
5. EXCEPT AS OTHERWISE NOTED, LOCATE ALL ROOM TEMPERATURE SENSORS 48 INCHES ABOVE FINISHED FLOOR ON SAME HORIZONTAL CENTERLINE AS LIGHT SWITCH. WHERE LIGHT SWITCH AND TEMPERATURE SENSOR/ARE NEXT TO EACH OTHER, LIGHT SWITCH SHALL BE CLOSEST TO THE DOOR. COORDINATE WITH ELECTRICAL CONTRACTOR. NOTIFY THE ENGINEER OF ANY ROOMS WHERE THE ABOVE LOCATION CANNOT BE MAINTAINED OR WHERE THERE IS A QUESTION ON LOCATION.
6. MAINTAIN MINIMUM 6'-8" CLEARANCE TO UNDERSIDE OF PIPES, DUCTS, CONDUITS, SUSPENDED EQUIPMENT, ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL AND ELECTRICAL ROOMS.
7. IN CORRIDORS WHERE CEILING SPEAKERS AND AIR DIFFUSERS ARE INDICATED BETWEEN THE SAME LIGHTING FIXTURES, RELOCATE BOTH DEVICES TO QUARTER POINTS BETWEEN THE SAME FIXTURE.
8. CERTAIN ITEMS SUCH AS ACCESS DOORS, CLEANOUTS, RISE AND DROPS IN DUCTWORK AND PIPING, ETC. ARE INDICATED ON THE DRAWINGS FOR CLARITY OR A SPECIFIC LOCATION REQUIREMENT AND SHALL NOT BE INTERPRETED AS THE EXTENT OF THE REQUIREMENTS FOR THESE ITEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THESE ITEMS AS REQUIRED ELSEWHERE IN THE CONTRACT DOCUMENTS.
9. WHERE THE INSTALLATION OF NEW SERVICES OR THE EXTENSION OF EXISTING SERVICES REQUIRE CUTTING OF EXISTING FLOORS, WALLS, PARTITIONS, ETC., IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK FOR THE PRESENCE OF EXISTING MECHANICAL AND/OR ELECTRICAL SERVICES WITHIN OR IMMEDIATELY BENEATH CONSTRUCTION AND EXERCISE NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO THE SERVICES OR INJURY TO HIS PERSONNEL. DUE TO CONTACT WITH SAME. WHERE PRACTICAL, SUCH EXISTING SERVICES SHALL BE TEMPORARILY DISCONNECTED DURING THE CUTTING OPERATION. SUCH OUTAGES IN SERVICE SHALL BE SCHEDULED IN ADVANCE WITH THE OWNER.
10. REFRIGERANTS SHALL BE RECOVERED FROM ALL REFRIGERATION EQUIPMENT IN ACCORDANCE WITH ARI AND EPA STANDARDS. RECOVERED REFRIGERANT SHALL BE PLACED IN CONTAINERS LABELED IN ACCORDANCE WITH ARI AND EPA STANDARDS AND TURNED OVER TO THE OWNER.
11. FLOW SCHEMATIC AND RISER DIAGRAMS INDICATE FLOW AND OPERATION CONCEPTS AS WELL AS GENERAL ARRANGEMENT OF EQUIPMENT, VALVES, PRESSURE GAUGES, ETC. ARE INDICATED FOR THIS PURPOSE. ADDITIONAL VALVES, PRESSURE GAUGES, ETC. SHALL BE PROVIDED AS SHOWN ON VARIOUS EQUIPMENT DETAILS. SEE PLANS AND DETAILS FOR PIPE SIZES NOT INDICATED ON FLOW SCHEDULES AND RISER DIAGRAMS.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR RESEARCHING ALL SYSTEMS THAT A PARTICULAR OUTAGE WILL AFFECT AS WELL AS LOCATING ALL SHUTOFF POINTS. THIS INFORMATION SHALL BE INCLUDED IN THE OUTAGE PLAN TO BE SUBMITTED TO OWNER FOR APPROVAL.



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Key Plan

No. Revision Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

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Phase
IFB #08-22
Project No.
2019.331.004
Date
12/23/21

Drawing Title
MECHANICAL COVER SHEET

Drawing No.

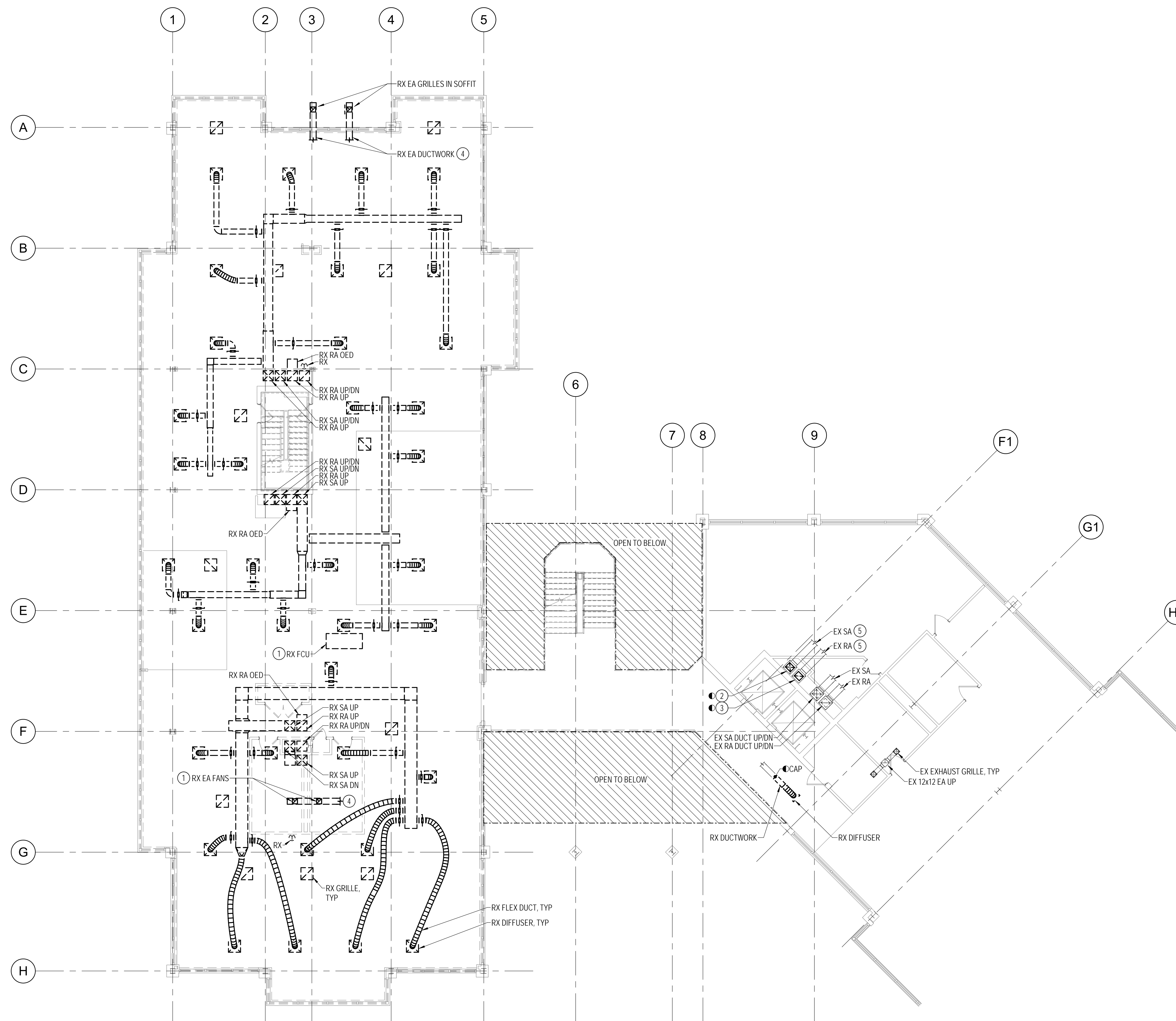
M-001

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

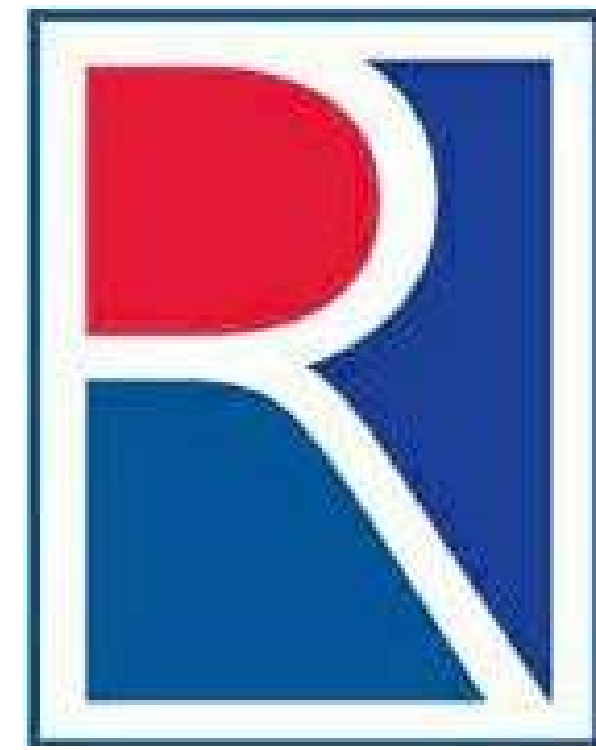
- EXISTING SHOWN WITH LIGHT WEIGHT LINE.
- DEMOLITION SHOW WITH HEAVY WEIGHT, DASHED LINE.
- INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- REMOVE ALL ASSOCIATED PIPING, WIRING, CONTROLS, ETC.
- EX SA DUCT UP/ RX SA DUCT DN
- EX RA DUCT UP/ RX RA DUCT DN
- REMOVE ALL ASSOCIATED MECHANICAL DUCTWORK, EQUIPMENT, CONTROLS, WIRING, ETC WITHIN SECOND FLOOR NORTH WING
- CONTRACTOR SHALL TAKE PRE-CONSTRUCTION AIRFLOW READINGS OF ALL AIR DEVICES SERVED BY THIS DUCT PRIOR TO ANY DEMOLITION OR NEW WORK.



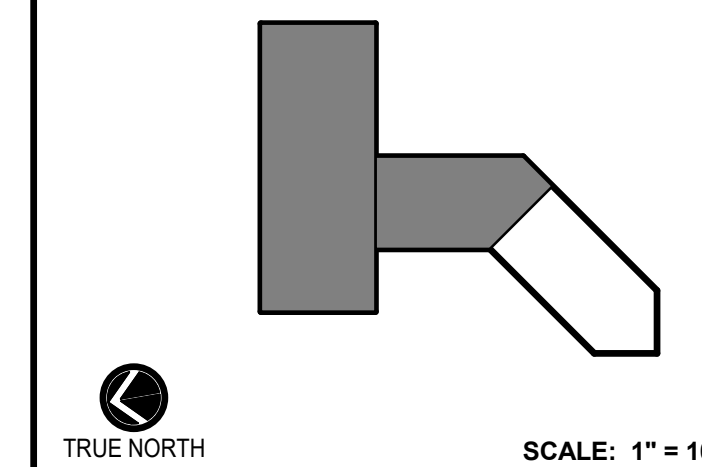
1 DUCTWORK - SECOND FLOOR - DEMOLITION PLAN
1/8" = 1'-0"



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Drawing Title
DUCTWORK - SECOND
FLOOR - DEMOLITION

Drawing No.
MD-102

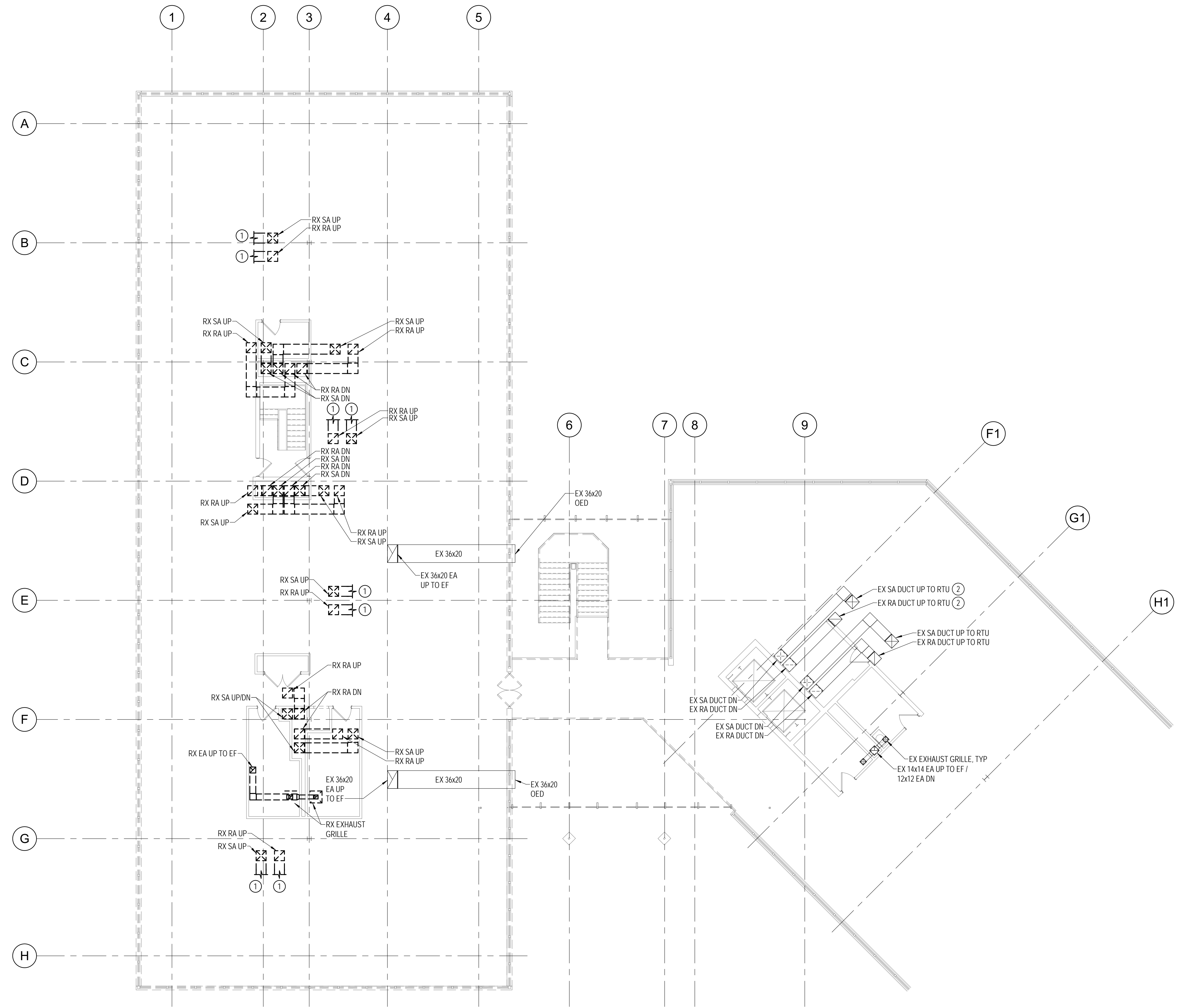
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DRAWING NOTES:
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- DEMOLITION SHOW WITH HEAVY WEIGHT, DASHED LINE. - - - - -
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SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- RX ALL THIRD FLOOR DUCTWORK AND AIR DEVICES
- CONTRACTOR SHALL TAKE PRE-CONSTRUCTION AIRFLOW READINGS OF ALL AIR DEVICES ON THIS FLOOR SERVED BY THIS DUCT PRIOR TO ANY DEMOLITION OR NEW WORK.

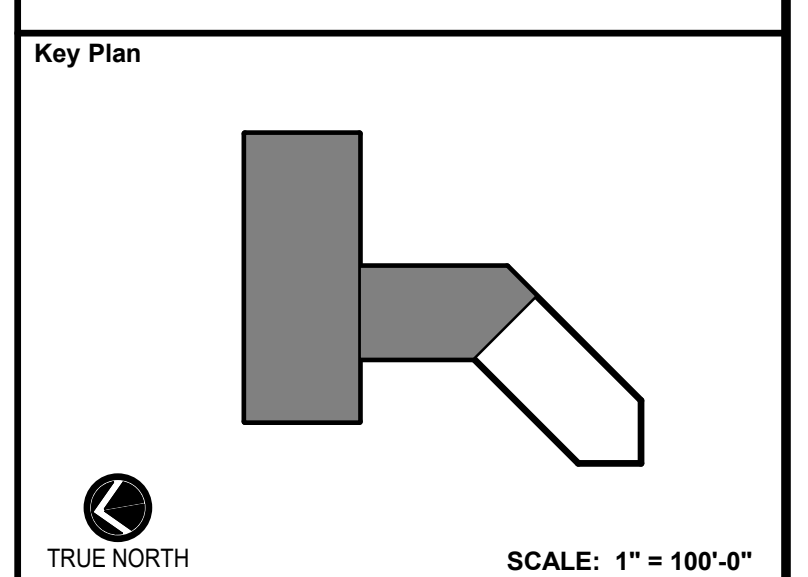


1 DUCTWORK - THIRD FLOOR - DEMOLITION PLAN
MD-103 1/8" = 1'-0"



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Drawing Title
DUCTWORK - THIRD FLOOR -
DEMOLITION

Drawing No.
MD-103

DRAWING NOTES:
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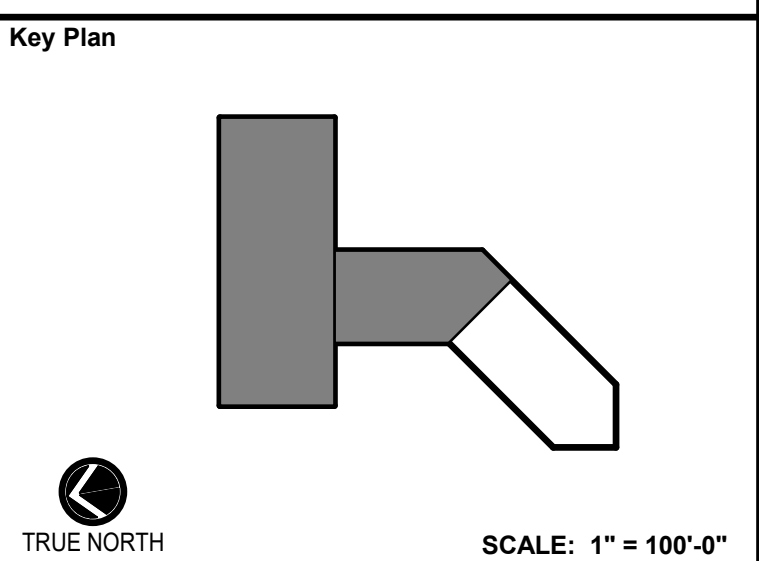
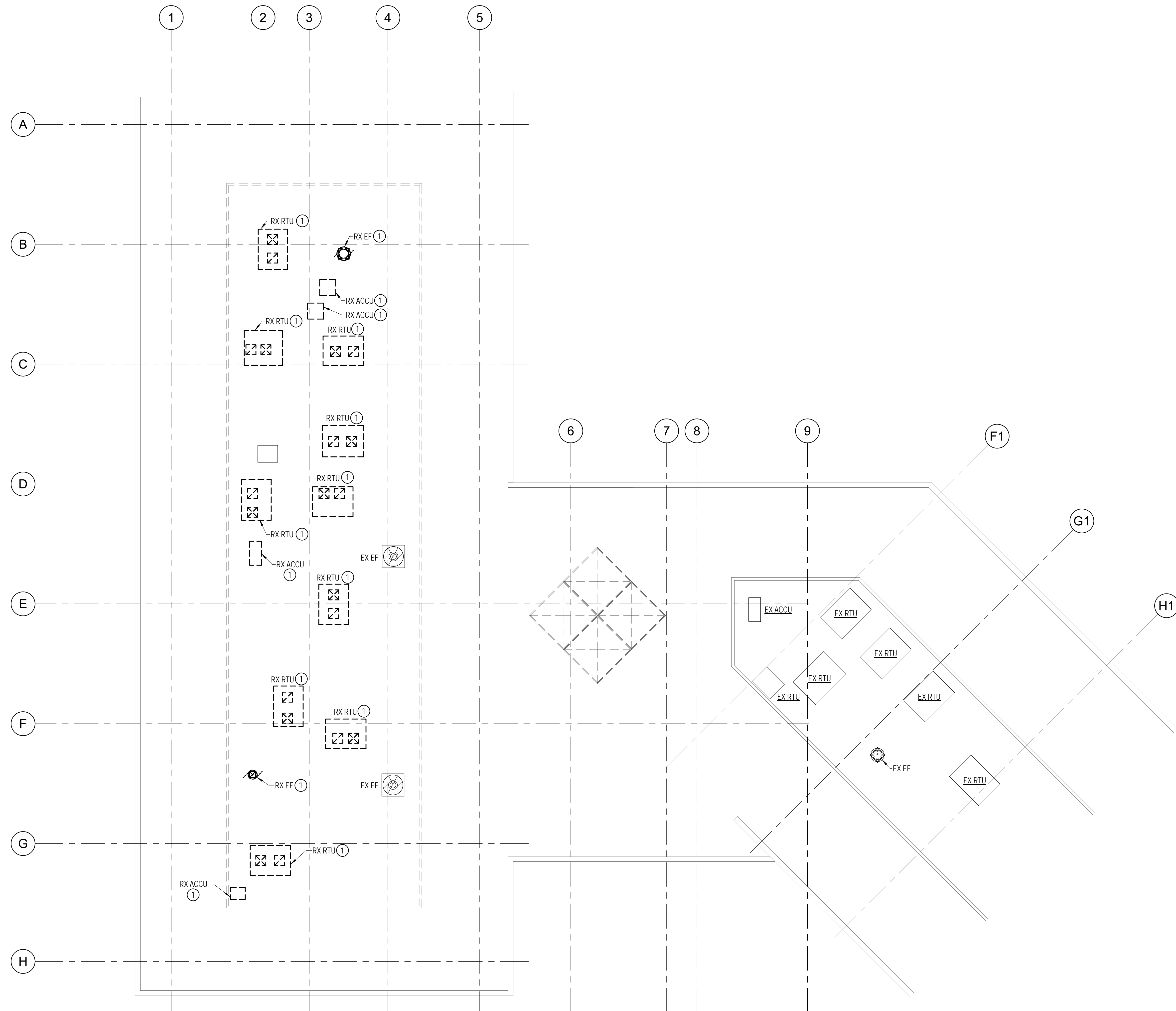
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- RX ALL ASSOCIATED CONTROLS, WIRING, ROOF CURB, ETC.



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1 DUCTWORK - ROOF - DEMOLITION PLAN
MD-104 1/8" = 1'-0"



Drawing Title
**DUCTWORK - ROOF -
DEMOLITION**

Drawing No.
MD-104

DRAWING NOTES:
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4. UNLESS OTHERWISE NOTED ALL RUNOUTS TO DIFFUSERS SHALL BE SAME SIZE AS DIFFUSER NECK SIZE.
5. ALL ATU'S SHALL BE INSTALLED SUCH THAT THE BOTTOM OF THE UNIT IS INSTALLED NOT MORE THAN 2 FT ABOVE THE CEILING.

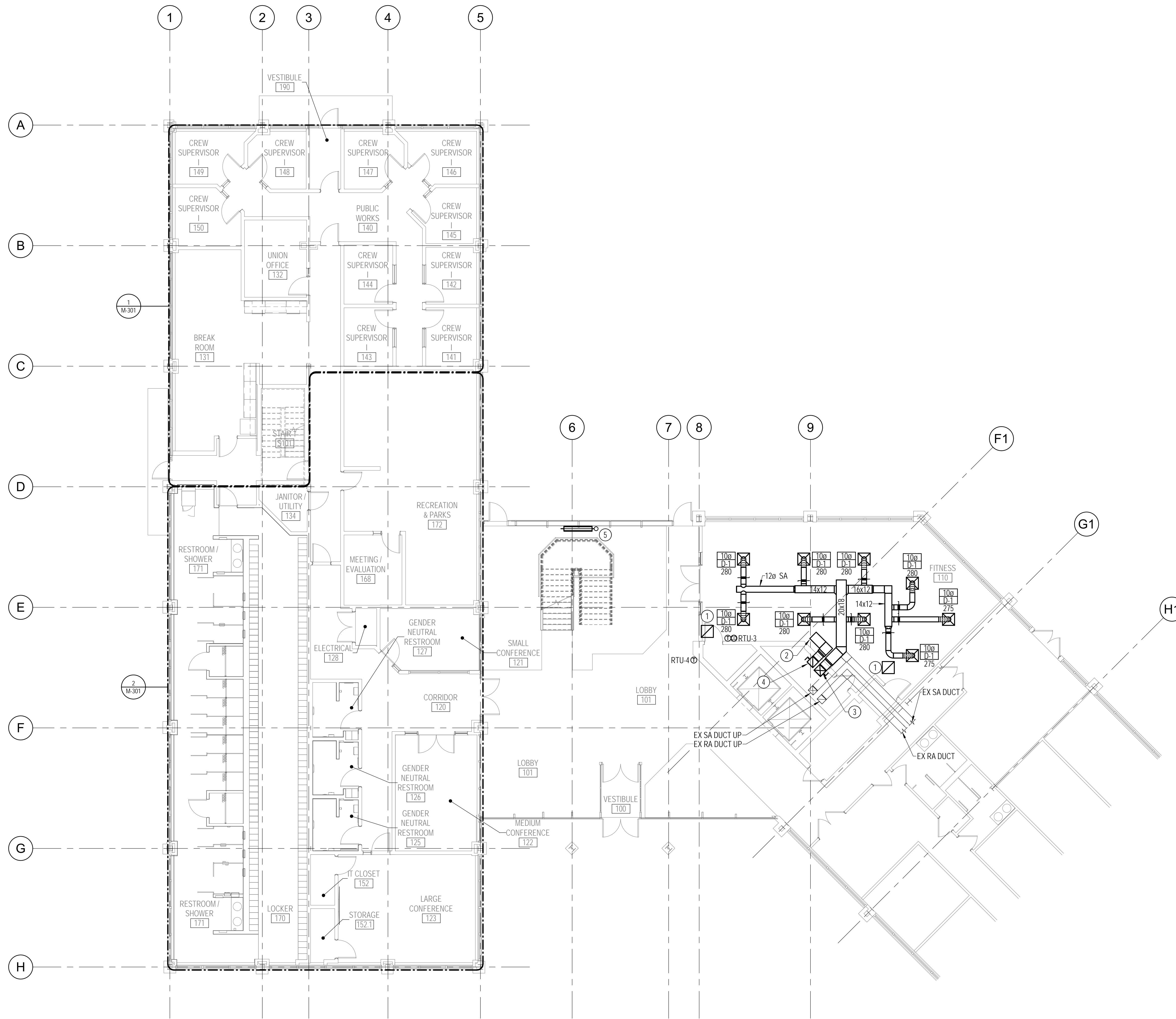
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- 1 22x22 G-1
- 2 18x18 RA OED
- 3 18x16 SA UP
- 4 16x16 RA UP
- 5 SMOKE EVACUATION OA INTAKE MOD. MOD SHALL MATCH LOUVER SIZE. RECONNECT MOD TO EXISTING SMOKE EVACUATION AND FIRE ALARM SYSTEMS.

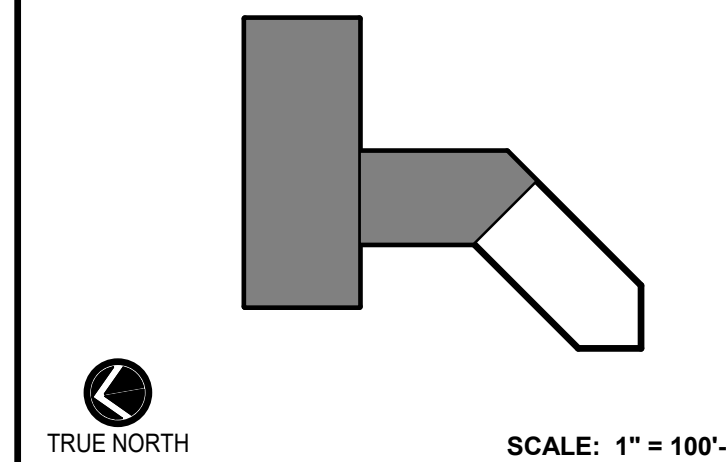


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	Phase IFB #08-22
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Drawing Title
DUCTWORK - FIRST FLOOR - NEW WORK

Drawing No.
M-101

1 DUCTWORK - FIRST FLOOR - NEW WORK PLAN
M-101 1/8" = 1'-0"

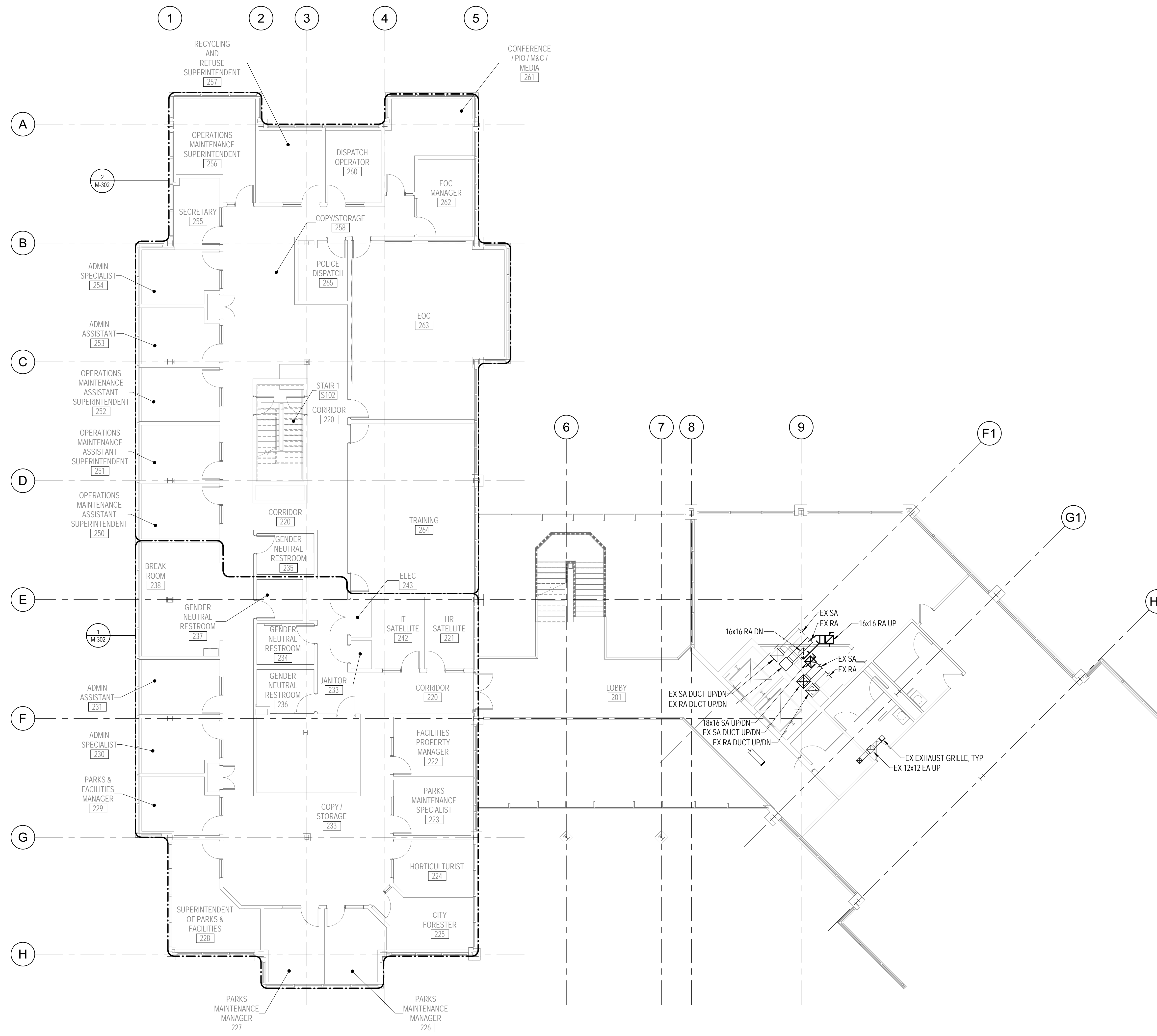


- DRAWING NOTES:**
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 - UNLESS OTHERWISE NOTED ALL RUNOUTS TO DIFFUSERS SHALL BE SAME SIZE AS DIFFUSER NECK SIZE.
 - ALL ATU'S SHALL BE INSTALLED SUCH THAT THE BOTTOM OF THE UNIT IS INSTALLED NOT MORE THAN 2 FT ABOVE THE CEILING.



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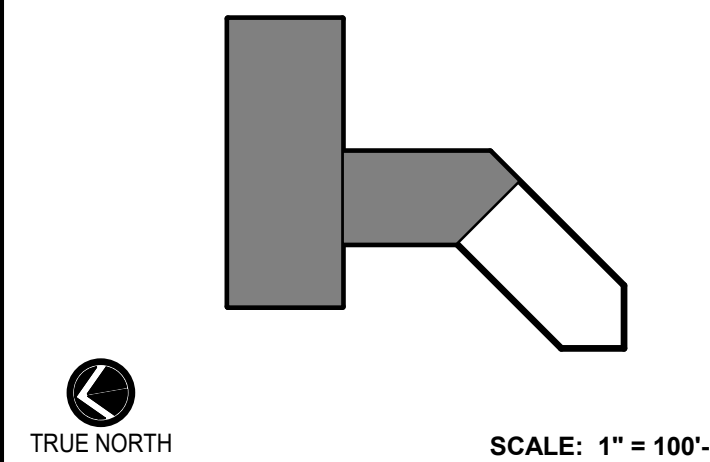
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1 DUCTWORK - SECOND FLOOR - NEW WORK PLAN
M-102 1/8" = 1'-0"



Key Plan



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Drawing Title
DUCTWORK - SECOND FLOOR - NEW WORK

Drawing No.
M-102

DRAWING NOTES:
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2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE. ———
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4. UNLESS OTHERWISE NOTED ALL RUNOUTS TO DIFFUSERS SHALL BE SAME SIZE AS DIFFUSER NECK SIZE.
5. INSTALL ALL MECHANICAL WORK TIGHT TO STRUCTURE ABOVE.

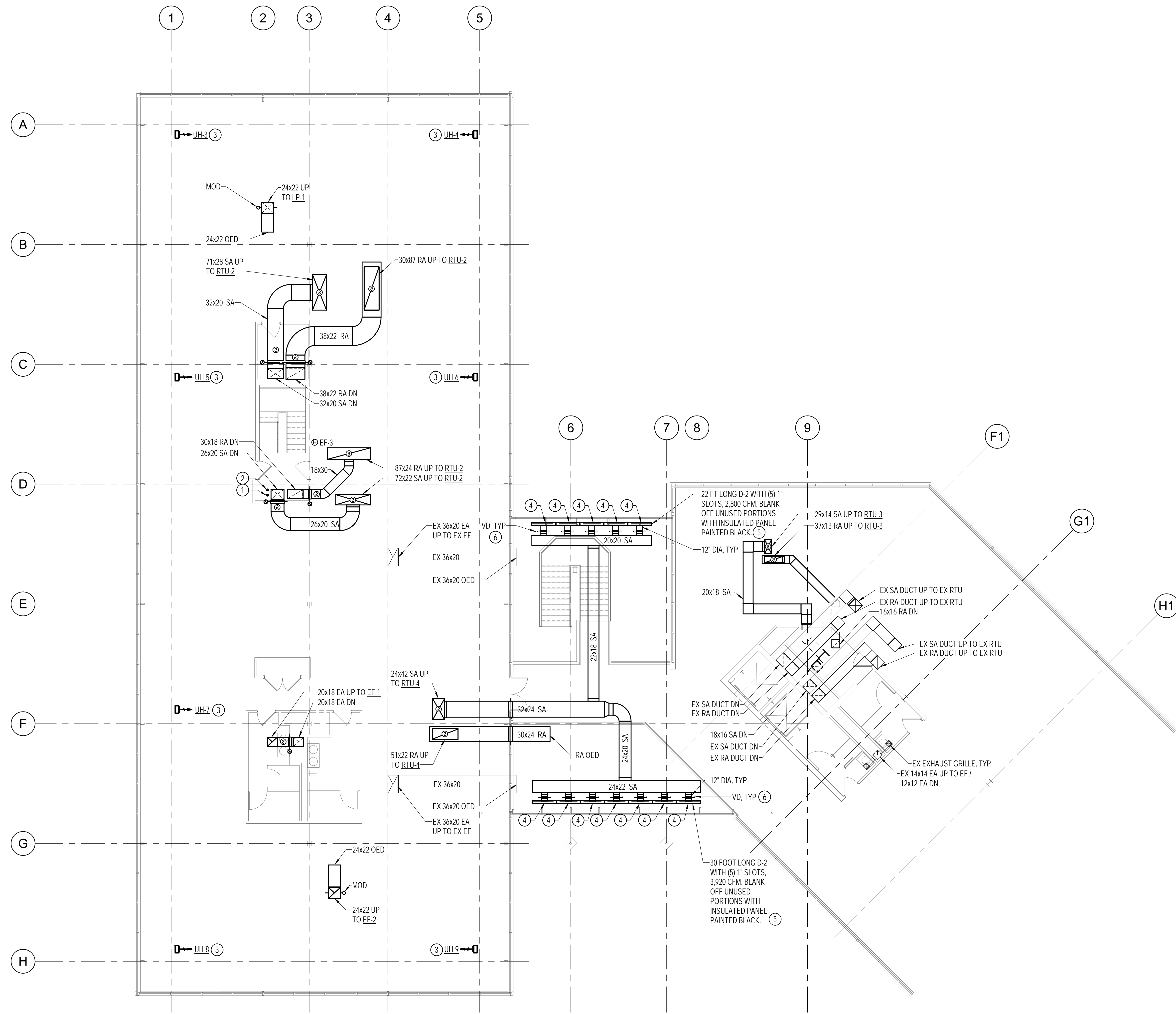
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- ① 4" DIAMETER COMBUSTION AIR INTAKE UP. MANUFACTURER SHALL VERIFY SIZE. FIRE WRAP WITH TYPE 0 INSULATION.
- ② 4" DIAMETER FLUE UP. MANUFACTURER SHALL VERIFY SIZE. FIRE WRAP WITH TYPE 0 INSULATION.
- ③ SUPPORT FROM ABOVE
- ④ 48" L x 12" W x 18" H INSULATED PLENUM
- ⑤ DIRECT 3 SLOTS TOWARDS EXTERIOR AND 2 SLOTS TOWARDS INTERIOR
- ⑥ PROVIDE REMOTE CONTROLLED DAMPER. BALANCE TO 560 CFM.

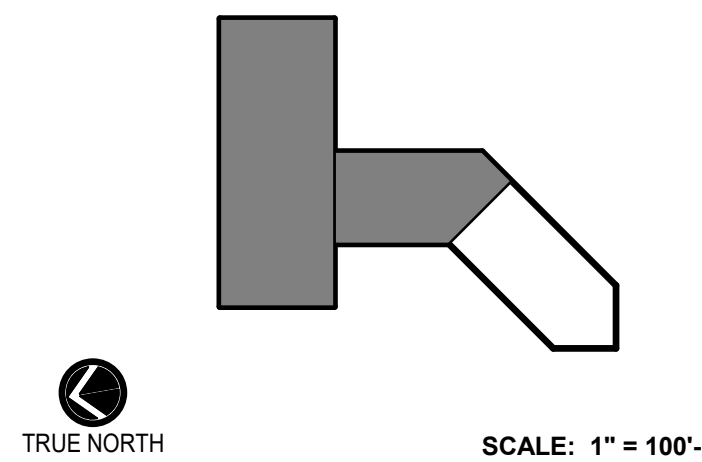


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Drawing Title
DUCTWORK - THIRD FLOOR - NEW WORK

Drawing No.
M-103

① DUCTWORK - THIRD FLOOR - NEW WORK PLAN
M-103 1/8" = 1'-0"



DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN IN LIGHT WEIGHT LINE.
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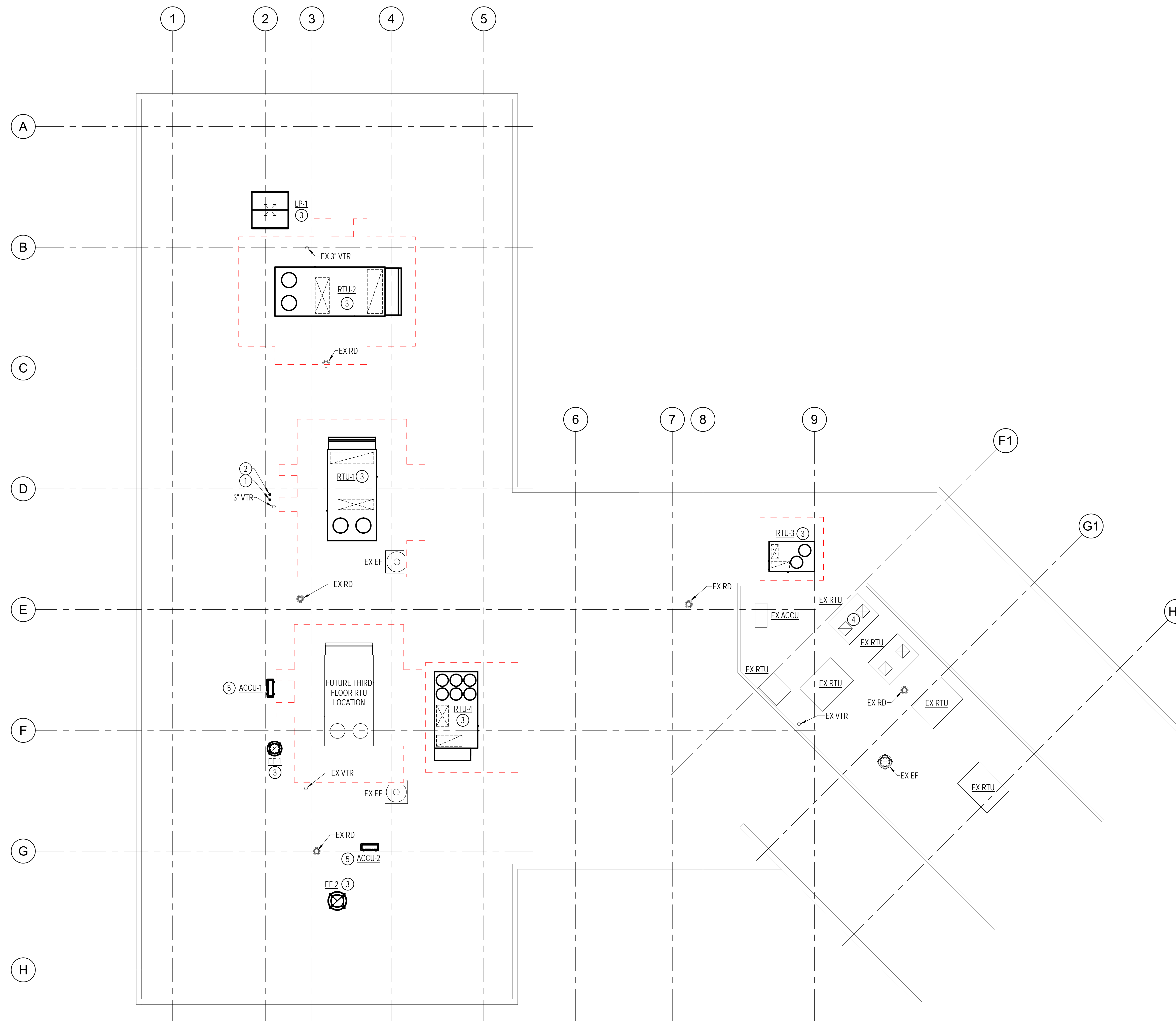
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- ① TERMINATE 4" DIAMETER COMBUSTION AIR INTAKE IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND ALL LOCAL CODES. MANUFACTURER SHALL VERIFY SIZE.
- ② TERMINATE 4" DIAMETER FLUE IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND ALL LOCAL CODES. MANUFACTURER SHALL VERIFY SIZE.
- ③ MOUNT ON 18" HIGH ROOF CURB
- ④ REBALANCE AS DIRECTED BY ENGINEER FOLLOWING REVIEW OF PRE-CONSTRUCTION AIRFLOW READINGS.
- ⑤ MOUNT ON 18" HIGH EQUIPMENT RAILS.

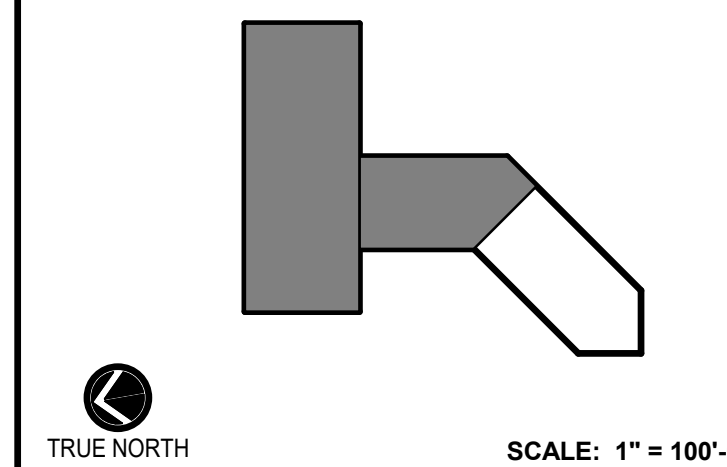


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Drawing Title
DUCTWORK - ROOF - NEW WORK

Drawing No.
M-104

1 DUCTWORK - ROOF - NEW WORK PLAN
M-104 1/8" = 1'-0"



DRAWING NOTES:
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- REFRIGERANT PIPING SHALL BE SIZED BY MANUFACTURER.

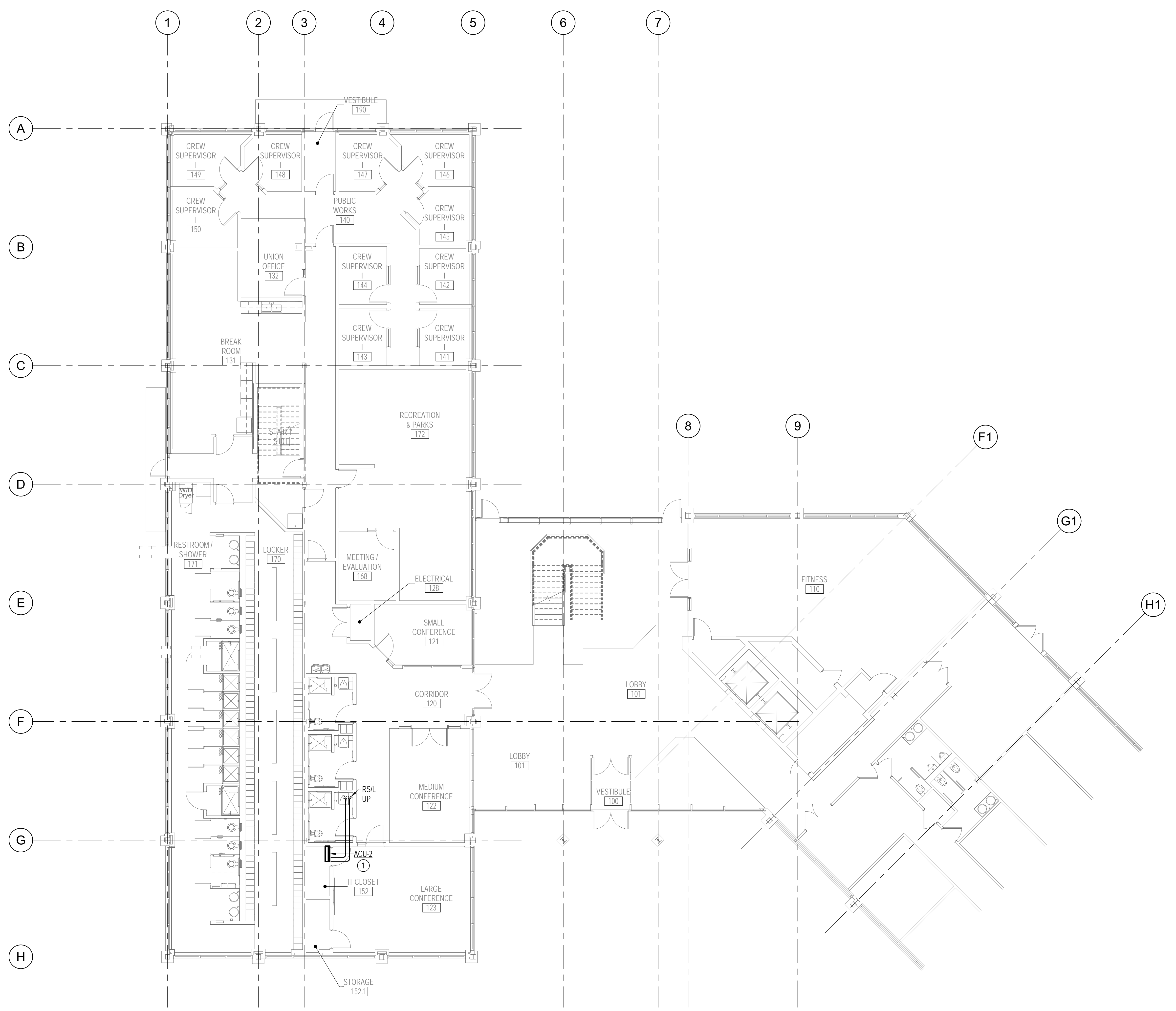
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- MOUNT ON WALL ABOVE DOOR

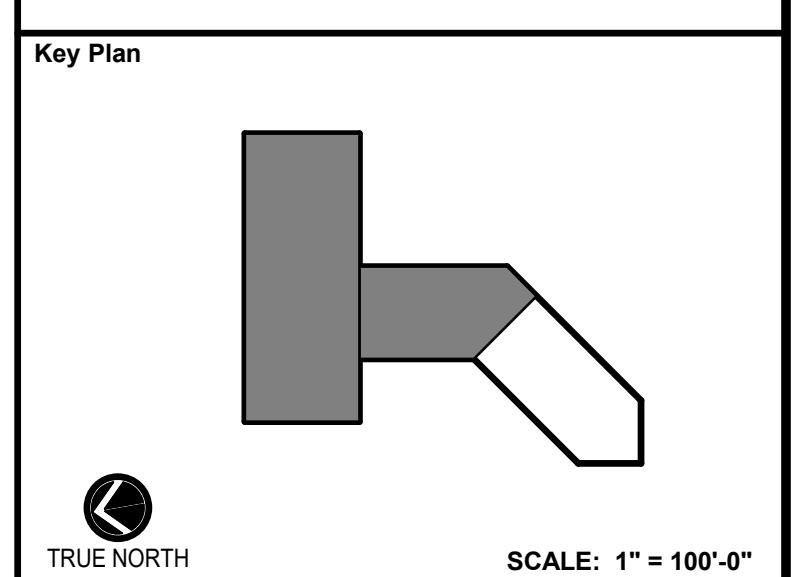


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1 PIPING - FIRST FLOOR - NEW WORK PLAN
M-201 1/8" = 1'-0"



No.	Revision	Date
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	Date	12/23/21

Drawing Title

PIPING - FIRST FLOOR - NEW OWRK

Drawing No.

M-201

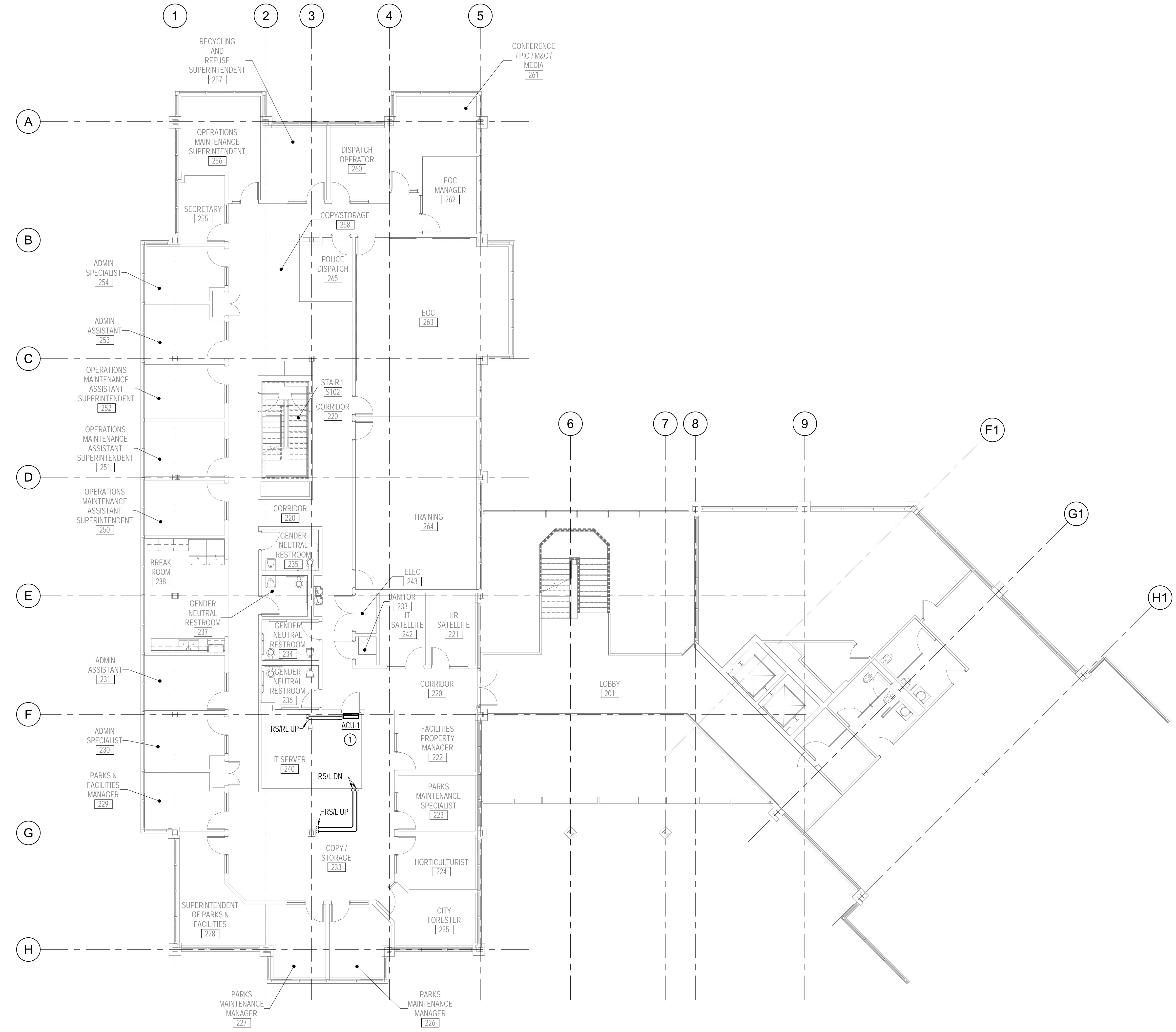


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- REFRIGERANT PIPING SHALL BE SIZED BY MANUFACTURER.

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- MOUNT ON WALL ABOVE DOOR

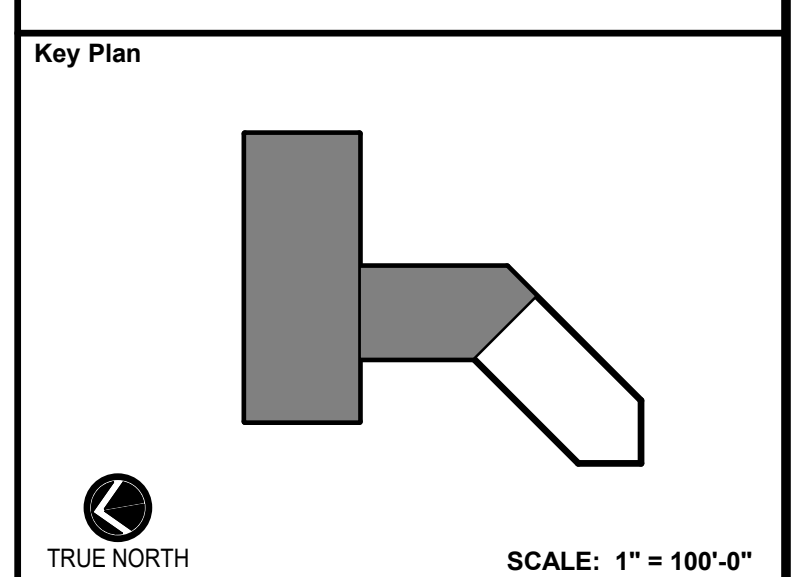


1 PIPING - SECOND FLOOR - NEW WORK PLAN
M-202 1/8" = 1'-0"



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
SERVICES DIVISION ARE REQUIRED FOR ON-SITE
CONSTRUCTION



No.	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

DELTA
ENGINEERS, ARCHITECTS, & SURVEYORS
8401 Connecticut Avenue, Suite 350
Chevy Chase, MD 20815
Tel: 301.718.0080
Fax: 301.718.9520
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www.delta-eas.com

Seal

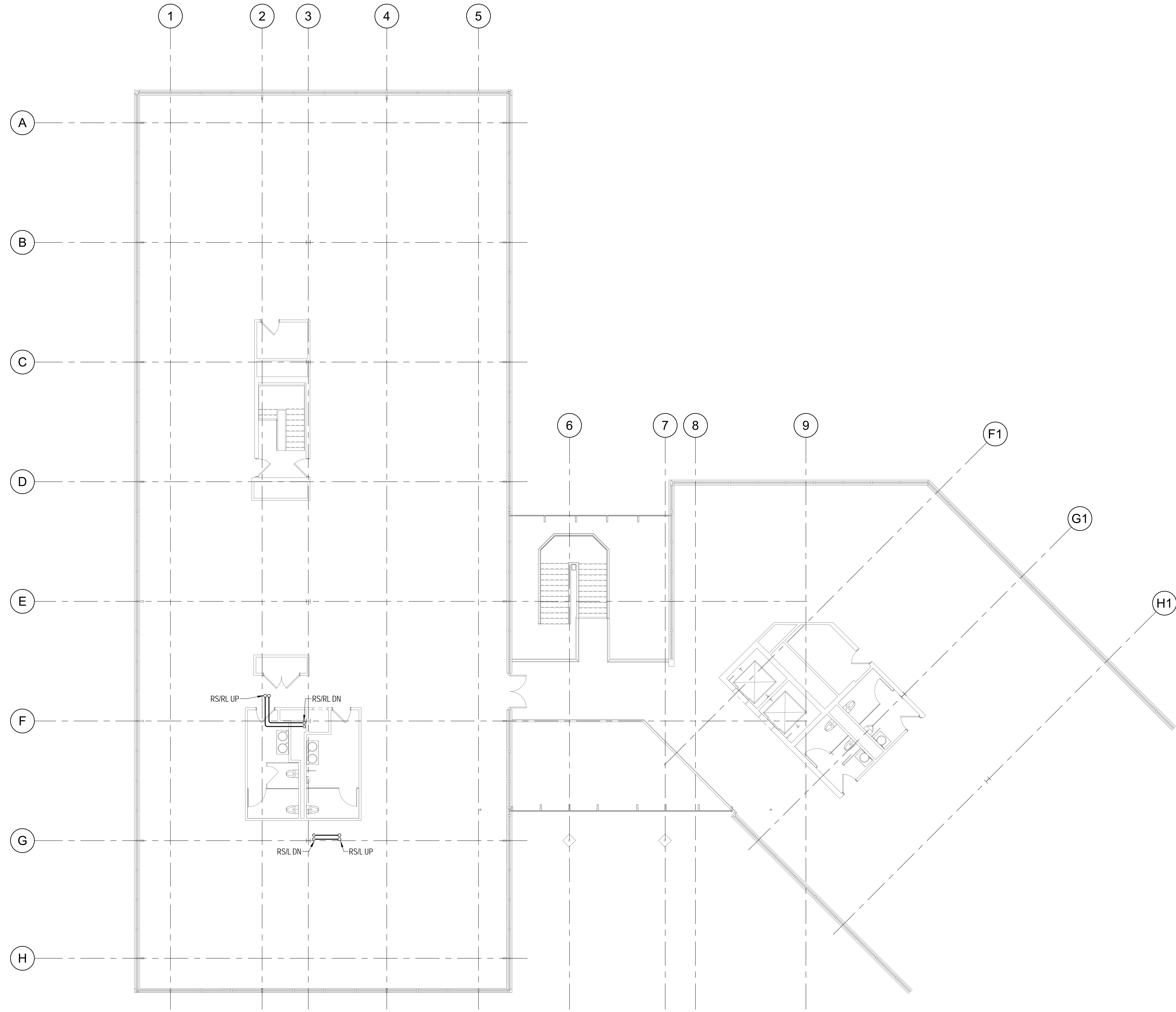
Phase
IFB #08-22
Project No.
2019.331.004
Date
12/23/21

Drawing Title
PIPING - SECOND FLOOR -
NEW WORK

Drawing No.
M-202

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- EXISTING SHOWN IN LIGHT WEIGHT LINE.
- NEW WORK SHOWN WITH HEAVY WEIGHT LINE.
- INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.
- REFRIGERANT PIPING SHALL BE SIZED BY MANUFACTURER.
- INSTALL ALL MECHANICAL WORK TIGHT TO STRUCTURE ABOVE.

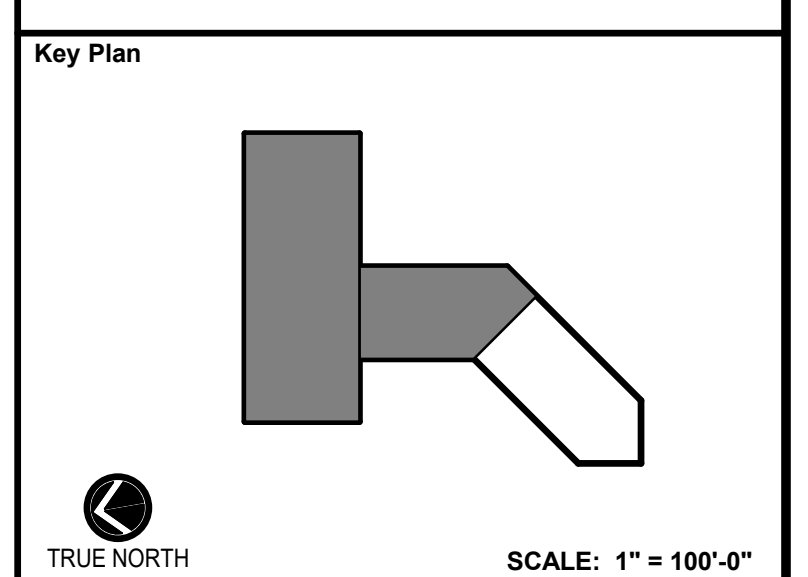


1 PIPING - THIRD FLOOR - NEW WORK PLAN
M-203 1/8" = 1'-0"



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
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	Phase IFB #08-22
	Project No. 2019.331.004
Date 12/23/21	

Drawing Title
PIPING - THIRD FLOOR - NEW WORK

Drawing No.
M-203

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN IN LIGHT WEIGHT LINE.
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE.
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.
4. REFRIGERANT PIPING SHALL BE SIZED BY MANUFACTURER.

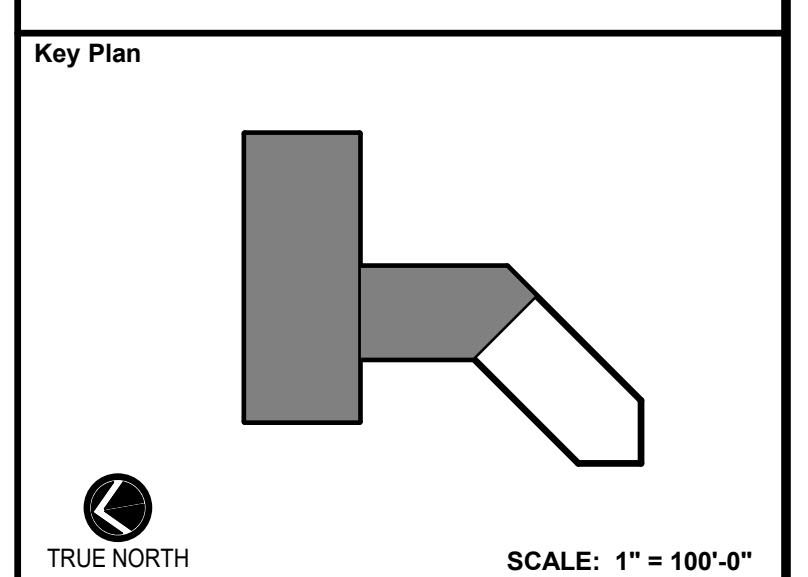
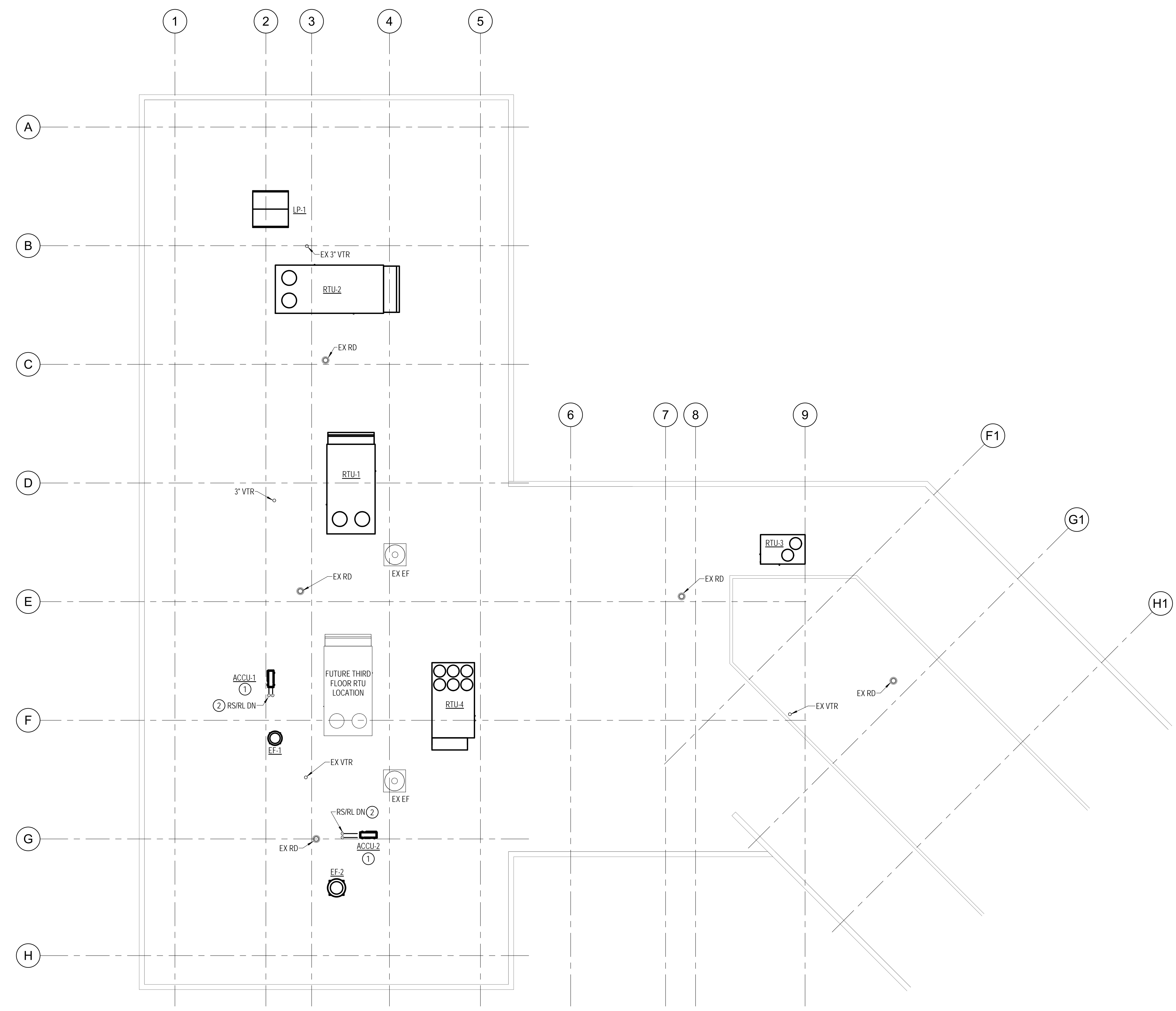
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- ① MOUNT ON 18" HIGH EQUIPMENT RAILS
- ② PROVIDE PIPE PORTAL



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
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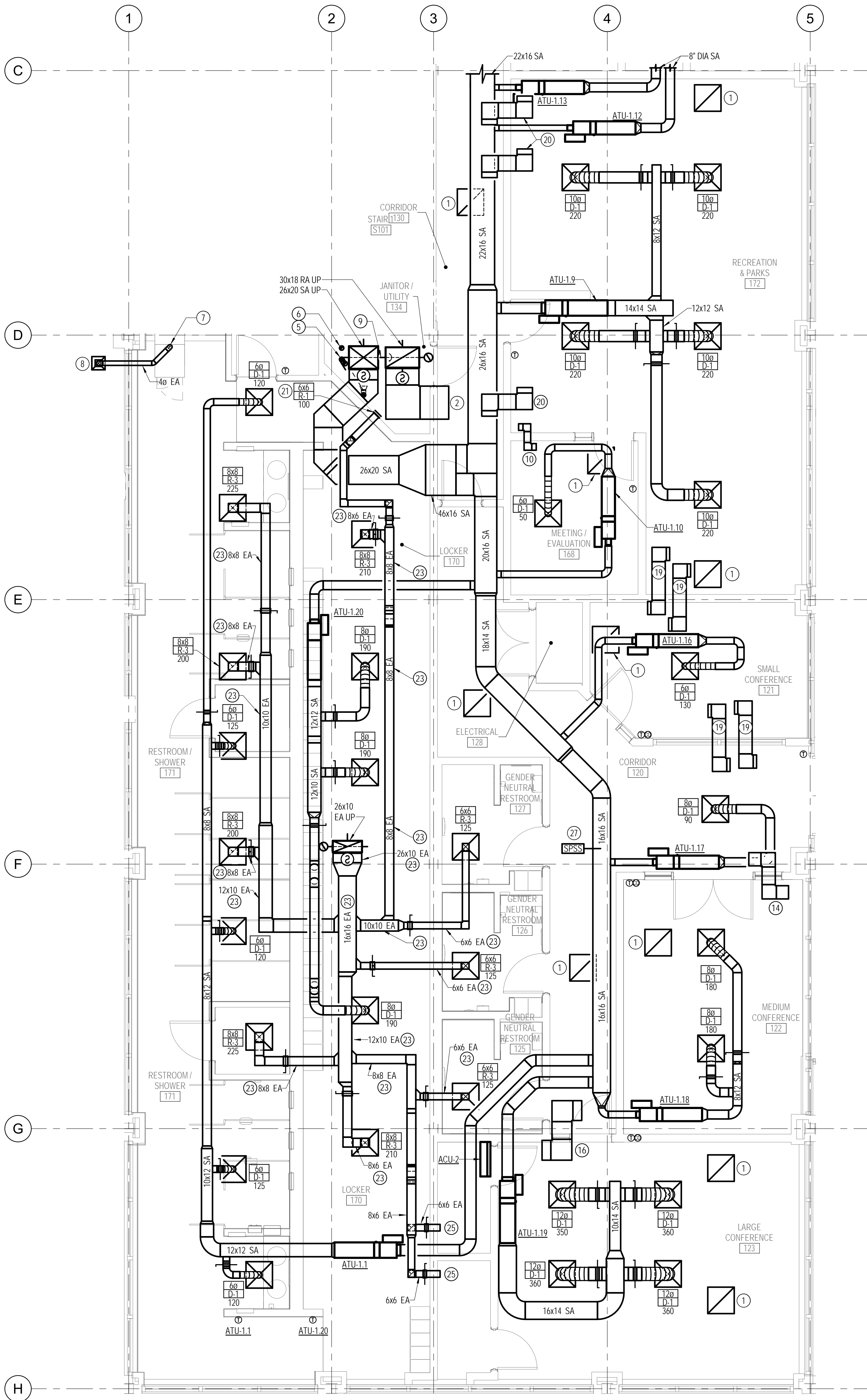
Seal Phase
IFB #08-22
Project No.
2019.331.004
Date
12/23/21

Drawing Title
PIPING - ROOF - NEW WORK

Drawing No.
M-204

1 PIPING - ROOF - NEW WORK PLAN
M-204 1/8" = 1'-0"





2 DUCTWORK - FIRST FLOOR - WEST WING ENLARGED PLAN - NEW WORK
 1/4" = 1'-0"

DRAWING NOTES:
 (APPLICABLE TO THIS DRAWING ONLY)

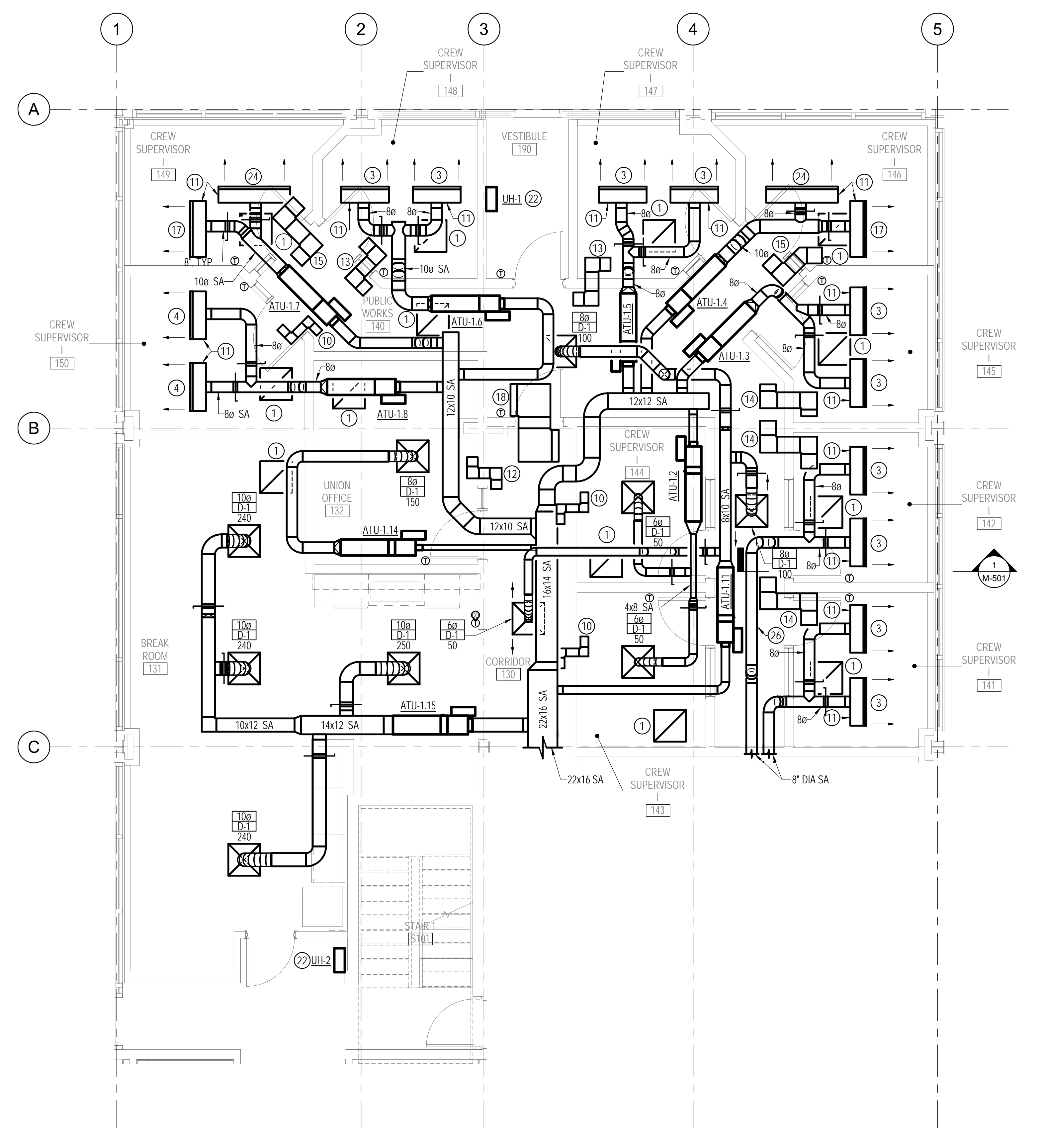
1. EXISTING SHOWN IN LIGHT WEIGHT LINE.
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4. UNLESS OTHERWISE NOTED ALL RUNOUTS TO DIFFUSERS SHALL BE SAME SIZE AS DIFFUSER NECK SIZE.

SPECIAL NOTES:
 (APPLICABLE TO THIS DRAWING ONLY)

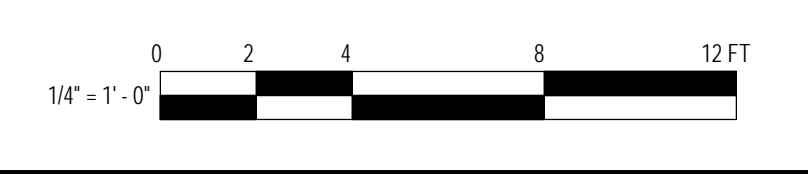
- 1 22x22 G-1
- 2 30x18 RA OED
- 3 36" LONG D-2 WITH (4) 1" SLOTS, 120 CFM
- 4 36" LONG D-2 WITH (3) 1" SLOTS, 66 CFM
- 5 4" DIAMETER COMBUSTION AIR INTAKE UP. MANUFACTURER SHALL VERIFY SIZE. FIRE WRAP WITH TYPE Q INSULATION.
- 6 4" DIAMETER FLUE UP. MANUFACTURER SHALL VERIFY SIZE. FIRE WRAP WITH TYPE Q INSULATION.
- 7 PROVIDE DRYER VENT WALL BOX WITH 4" OVAL DUCT TO CEILING ASSEMBLY PENETRATION. TRANSITION TO 4" DIAMETER IN CEILING.
- 8 TERMINATE DRYER VENT IN SOFFIT CEILING WITH DRYER VENT CAP. COORDINATE BEAM PENETRATION WITH STRUCTURAL.
- 9 COMBINATION FIRE SMOKE DAMPER
- 10 6x6 INTERNALLY LINED TRANSFER DUCT
- 11 10" W x 12" H INSULATED PLENUM. LENGTH SHALL MATCH DIFFUSER LENGTH.
- 12 8x8 INTERNALLY LINED TRANSFER DUCT
- 13 10x10 INTERNALLY LINED TRANSFER DUCT

SPECIAL NOTES:
 (APPLICABLE TO THIS DRAWING ONLY)

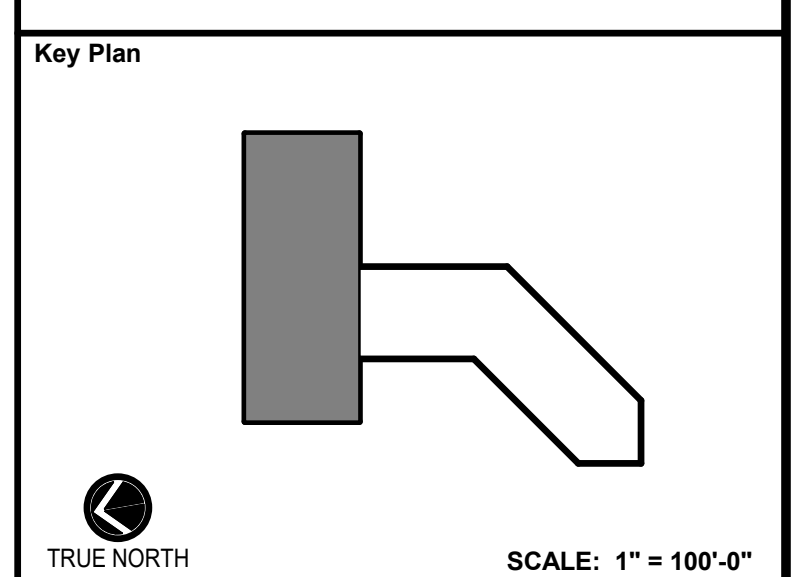
- 14 12x10 INTERNALLY LINED TRANSFER DUCT
- 15 12x12 INTERNALLY LINED TRANSFER DUCT
- 16 18x18 INTERNALLY LINED TRANSFER DUCT
- 17 42" LONG D-2 WITH (4) 1" SLOTS, 185 CFM
- 18 24x20 INTERNALLY LINED TRANSFER DUCT
- 19 12x18 INTERNALLY LINED TRANSFER DUCT
- 20 14x16 INTERNALLY LINED TRANSFER DUCT
- 21 MOUNT BOTTOM OF EXHAUST REGISTER APPROXIMATELY 9'-6" AFF
- 22 MOUNT ON WALL WITH BOTTOM OF UNIT APPROXIMATELY 3'-0" AFF
- 23 SHOWER EXHAUST. PROVIDE STAINLESS DUCTWORK. SEE SPECIFICATION SECTION 23313 FOR MORE INFORMATION.
- 24 54" LONG D-2 WITH (4) 1" SLOTS, 235 CFM
- 25 6x6 R-2, 50 CFM
- 26 80 DUCT SHALL BE INSTALLED ABOVE ACCESS TO ATU-1.11 CONTROL PANEL
- 27 BALANCING CONTRACTOR SHALL VERIFY THE FINAL LOCATION.



1 DUCTWORK - FIRST FLOOR - EAST WING ENLARGED PLAN - NEW WORK
 1/4" = 1'-0"



APPROVED BY CITY OF ROCKVILLE, MD
 DIRECTOR OF PUBLIC WORKS DATE
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 SERVICES DIVISION ARE REQUIRED FOR ON-SITE
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No.	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1

ROCKVILLE MARYLAND

DELTA
 ENGINEERS, ARCHITECTS, & SURVEYORS
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	Phase IFB #08-22
	Project No. 2019.331.004
Date 12/23/2021	Date 12/23/21

Drawing Title
MECHANICAL ENLARGED PLANS

Drawing No.
M-301

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

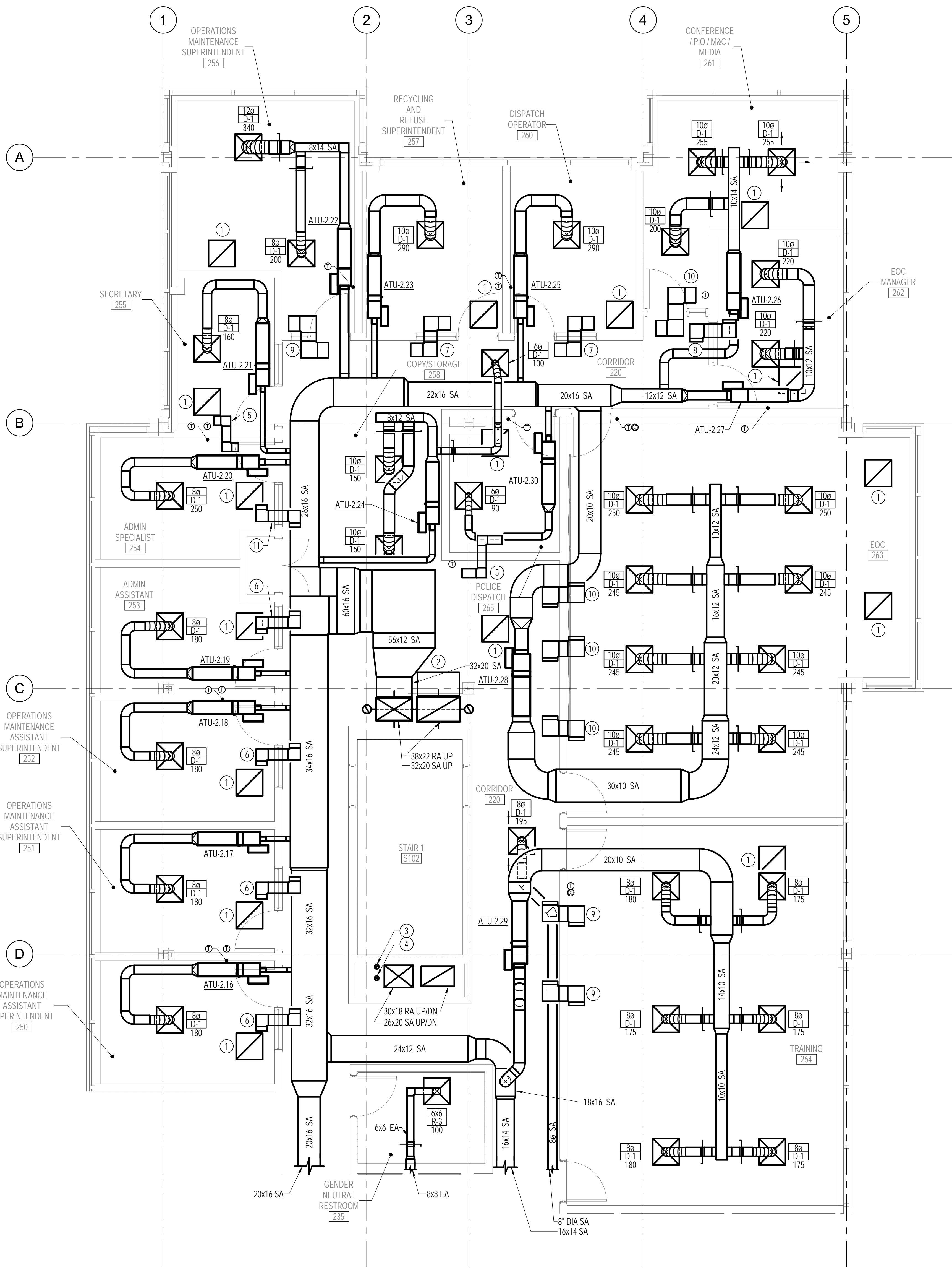
1. EXISTING SHOWN IN LIGHT WEIGHT LINE.
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE.
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.
4. UNLESS OTHERWISE NOTED ALL RUNOUTS TO DIFFUSERS SHALL BE SAME SIZE AS DIFFUSER NECK SIZE.

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

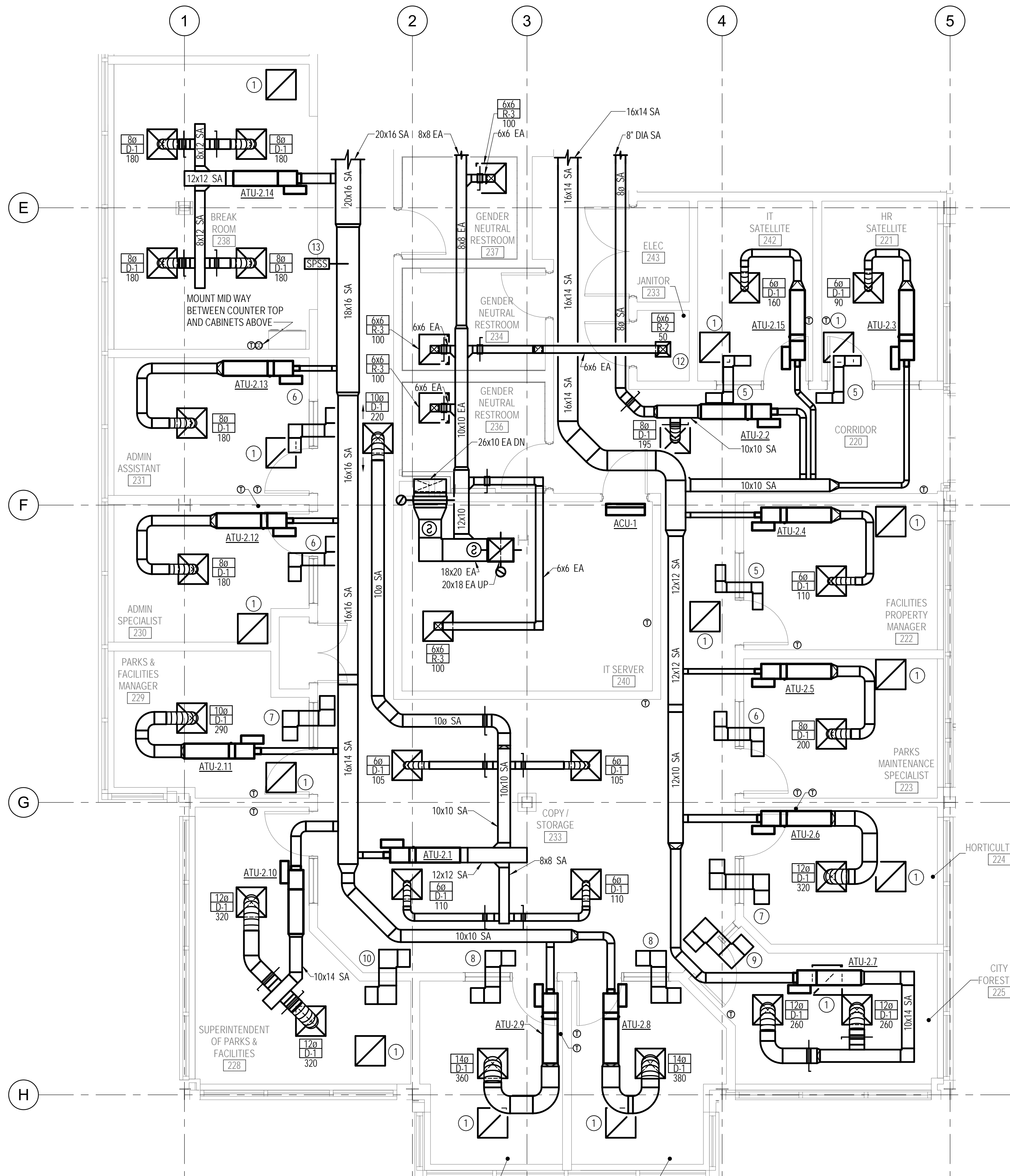
- 1 22x22 G-1
- 2 38x22 RA OED
- 3 4" DIAMETER COMBUSTION AIR INTAKE UP/DN. MANUFACTURER SHALL VERIFY SIZE.
- 4 4" DIAMETER FLUE UP/DN. MANUFACTURER SHALL VERIFY SIZE. FIRE WRAP WITH TYPE O INSULATION.
- 5 8x8 INTERNALLY LINED TRANSFER DUCT
- 6 10x8 INTERNALLY LINED TRANSFER DUCT
- 7 12x10 INTERNALLY LINED TRANSFER DUCT
- 8 12x12 INTERNALLY LINED TRANSFER DUCT
- 9 14x12 INTERNALLY LINED TRANSFER DUCT
- 10 14x14 INTERNALLY LINED TRANSFER DUCT

SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- 11 10x10 INTERNALLY LINED TRANSFER DUCT
- 12 MOUNT BOTTOM OF EXHAUST REGISTER APPROXIMATELY 9'-0" AFF
- 13 BALANCING CONTRACTOR SHALL VERIFY FINAL LOCATION.



2 DUCTWORK - SECOND FLOOR - EAST WING ENLARGED PLAN - NEW WORK
1/8" = 1'-0"

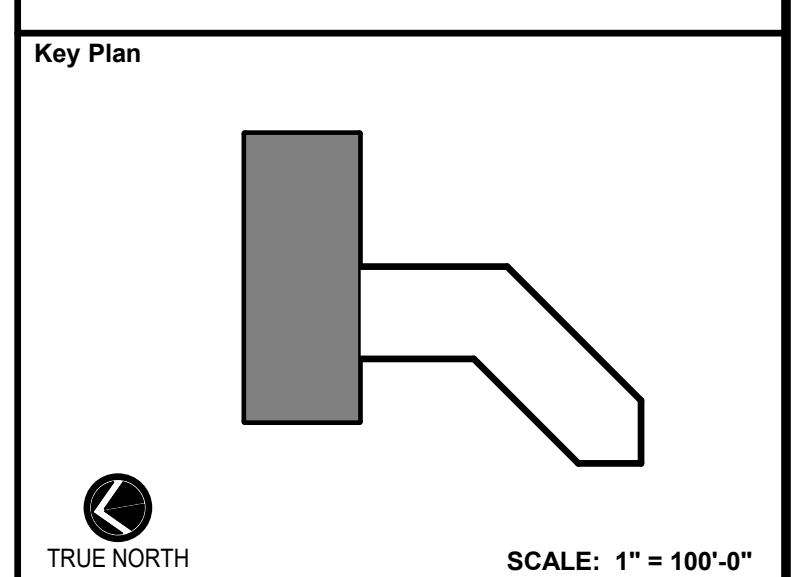


1 DUCTWORK - SECOND FLOOR - WEST WING ENLARGED PLAN - NEW WORK
1/8" = 1'-0"



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DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
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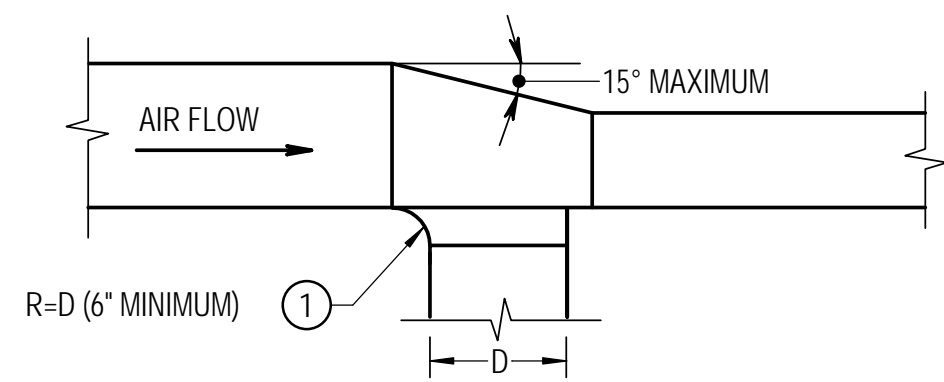


No.	Revision	Date
Project Name CITY OF ROCKVILLE 6 TAFT COURT RENOVATION PHASE 1		
ROCKVILLE MARYLAND		
 DELTA ENGINEERS, ARCHITECTS, & SURVEYORS 8401 Connecticut Avenue, Suite 350 Chevy Chase, MD 20815 Tel: 301.718.0080 Fax: 301.718.9520 Email: mail@delta-eas.com www.delta-eas.com		

Seal	Phase IFB #08-22
	Project No. 2019.331.004
Date 12/23/2021	Date 12/23/21

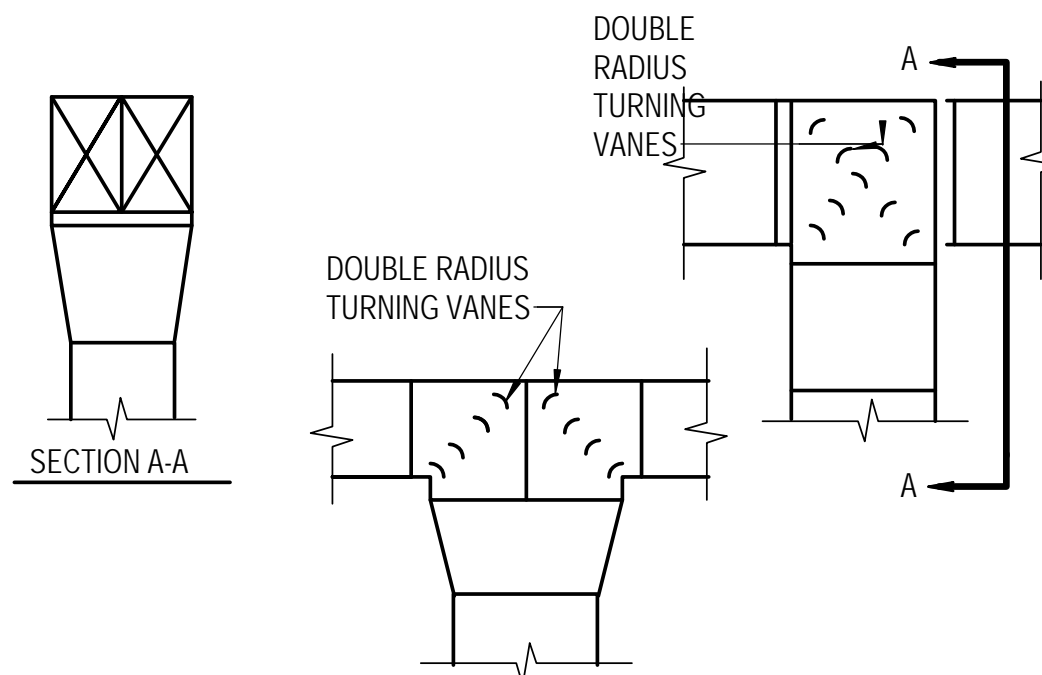
Drawing Title
**MECHANICAL ENLARGED
PLANS**

Drawing No.
M-302

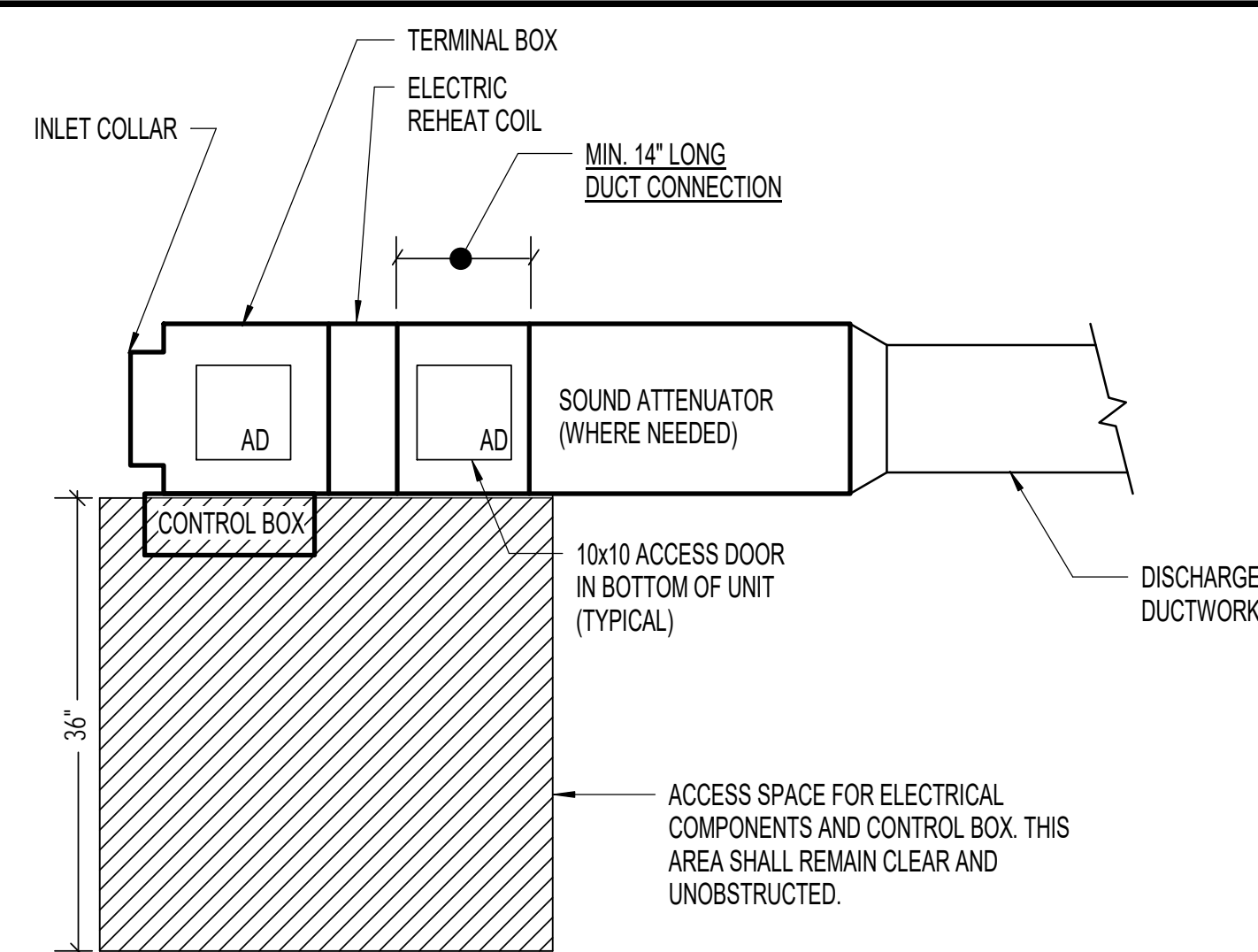


- NOTES:**
- SEE SMACNA MANUAL FOR METHODS OF SECURING TAP-OFF CONNECTION TO MAIN.
 - SAME FOR RETURN AND EXHAUST DUCTS EXCEPT AIR FLOW IS REVERSED.
- SPECIAL NOTES:**
- 45° TAP PERMITTED FOR DUCTWORK RATED 2" W.G. OR LESS.

TAPOFF AND TRANSITION FROM SIDE OF DUCT

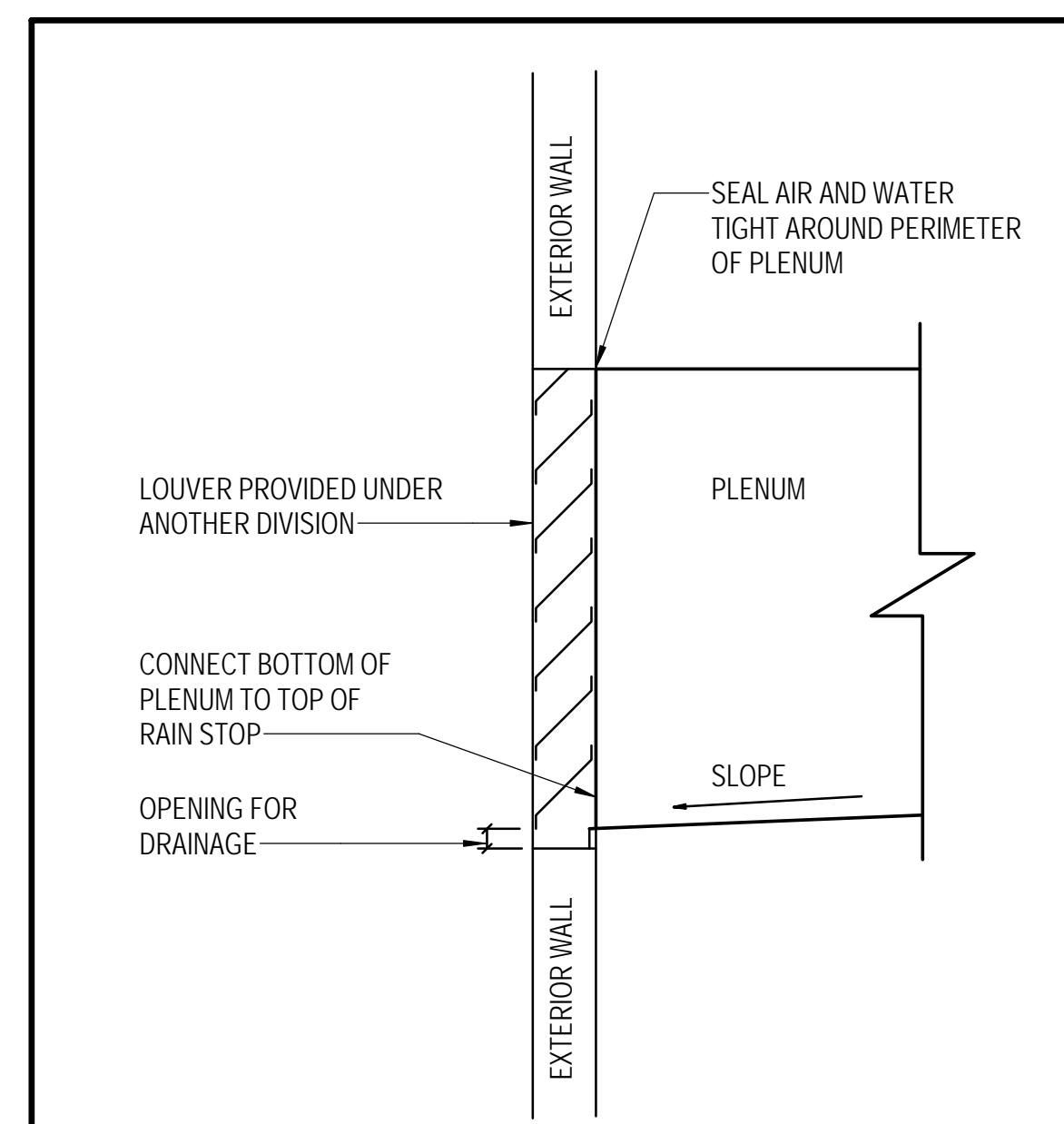


DUCT SPLITS

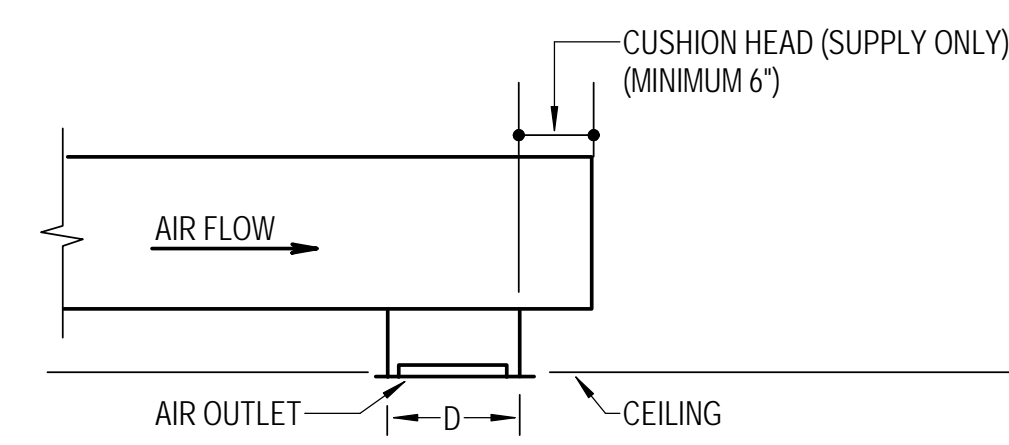


- NOTES:**
- SPACE BELOW ACCESS DOORS OR ACCESS SPACES SHALL BE FREE OF ALL OTHER COMPONENTS, SUCH AS SPEAKERS, SPRINKLER HEADS, AIR DEVICES, AND LIGHTS.
 - INSTALL BOTTOM OF AIR TERMINAL UNIT NO MORE THAN 2 FT ABOVE THE CEILING.

AIR TERMINAL UNIT ACCESS REQUIREMENTS

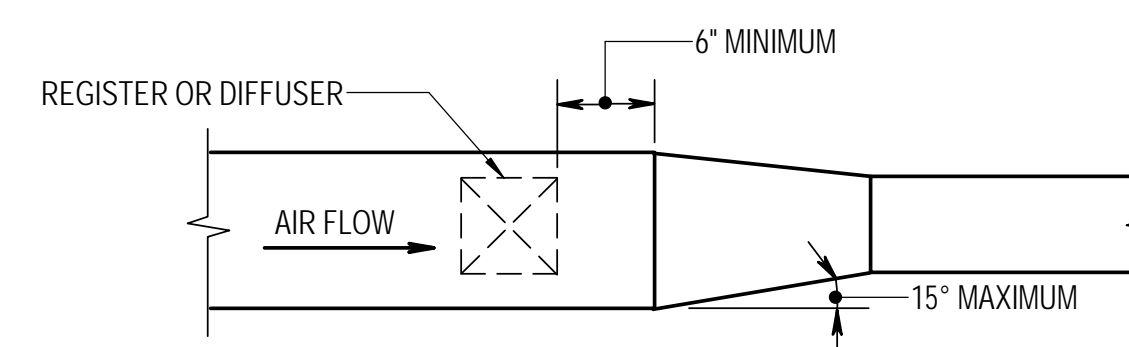


PLENUM CONNECTION TO LOUVER



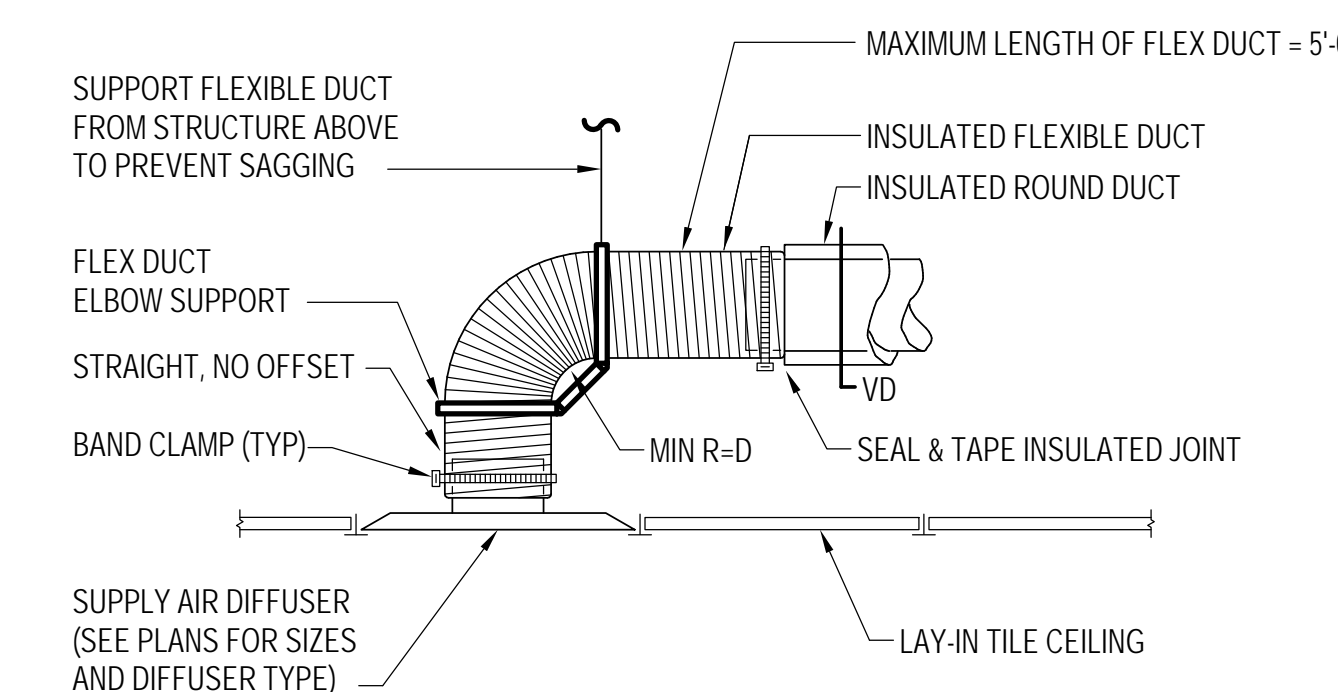
- NOTES:**
- AIR FLOW IS REVERSE FOR RETURN AND EXHAUST.

OUTLET LOCATED AT END OF RUN

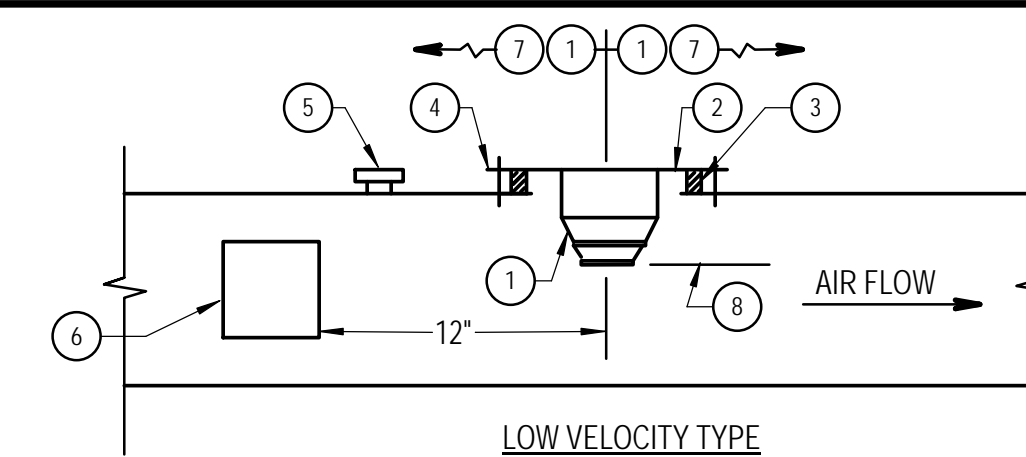


- NOTES:**
- SAME FOR RETURN AND EXHAUST DUCTS EXCEPT AIR FLOW IS REVERSED.

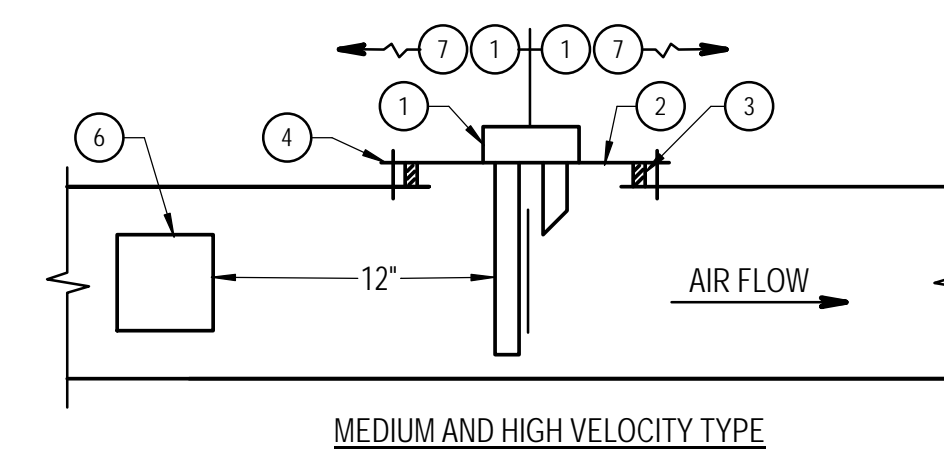
DIFFUSER OR REGISTER TAPOFF AND TRANSITION



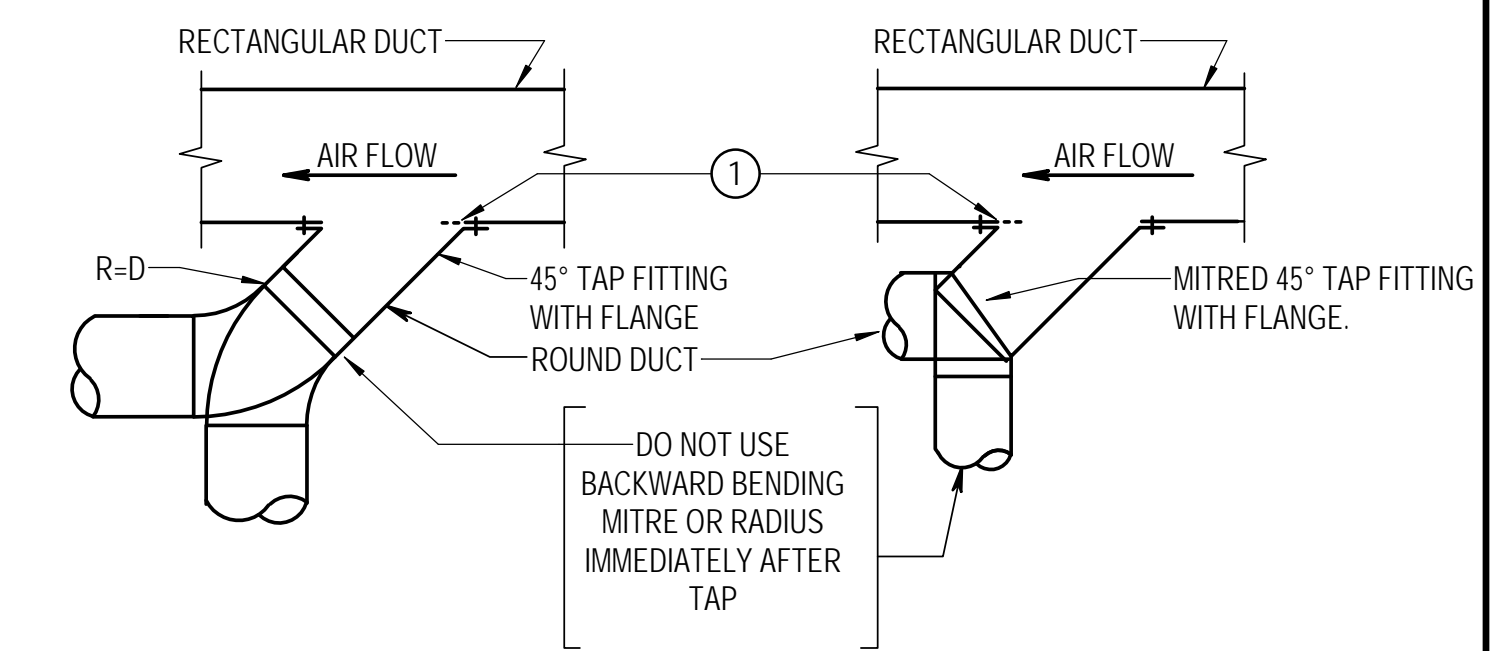
SUPPLY AIR DIFFUSER FLEXIBLE DUCT CONNECTION (SOUND SENSITIVE)



- SPECIAL NOTES:**
- SMOKE DETECTOR. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 - 10 GAUGE PLATE
 - CONTINUOUS GASKET
 - SHEET METAL SCREWS. TWO PER SIDE.
 - AIR FLOW MEASUREMENT PORT. (INSTRUMENT TEST HOLE)
 - ACCESS DOOR. 6" X 6" IN 14" AND SMALLER DUCTS. 12" X 12" IN LARGER DUCTS.
 - MINIMUM ONE DUCT PERIMETER TO OFFSET OR FITTING
 - MINIMUM 1-1/4" PROJECTION INTO AIRSTREAM. MAXIMUM 1/3 DUCT DEPTH



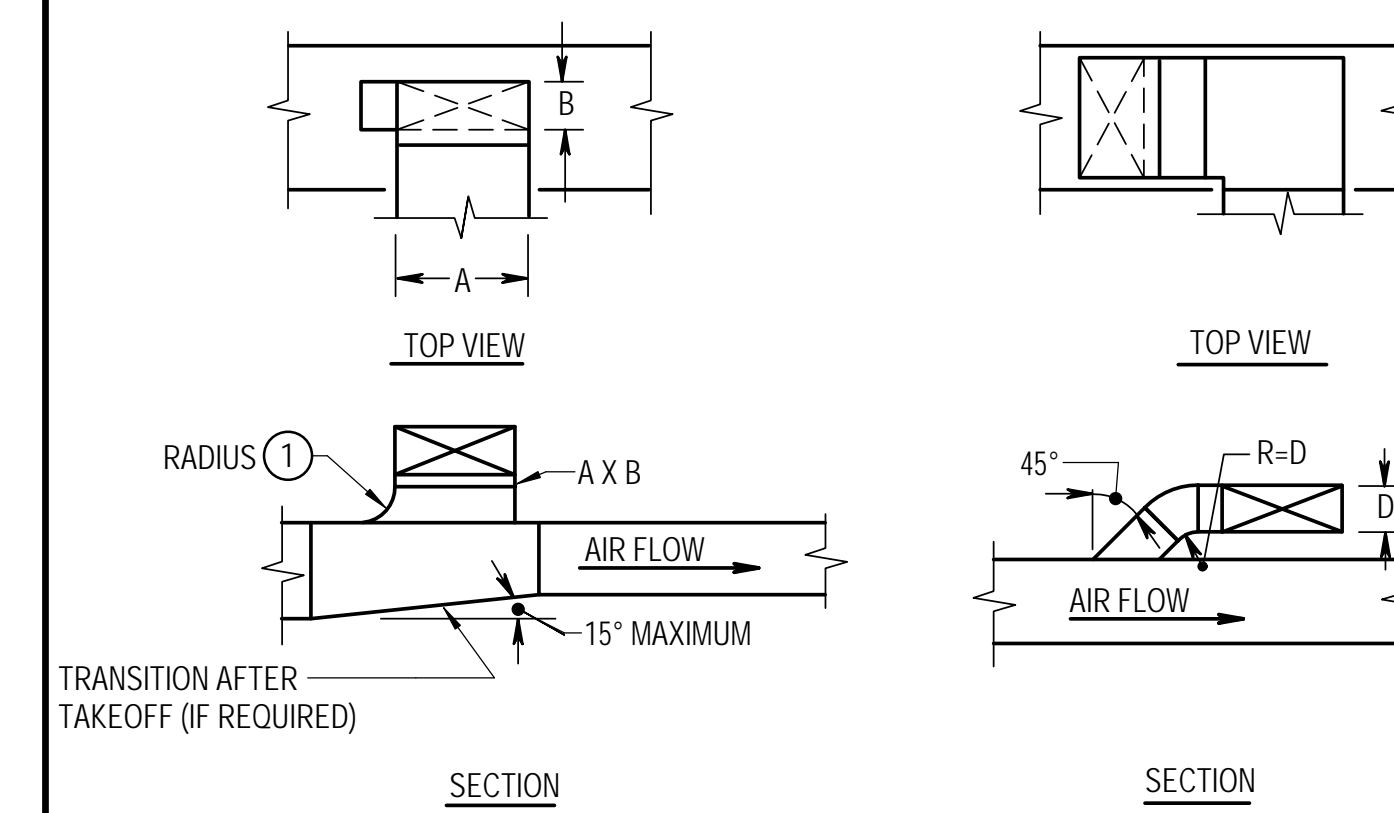
SMOKE DETECTOR INSTALLATION RECTANGULAR OR SQUARE DUCT



- NOTES:**
- DO NOT USE 45° TAP FITTINGS EXCEPT WHERE TIGHT CONDITION PREVENTS USE OF OTHER FITTINGS INDICATED.

- SPECIAL NOTES:**
- CUT HOLE IN RECTANGULAR DUCT LARGE ENOUGH SO THAT ROUGH METAL EDGE DOES NOT PROJECT INTO AIR STREAM.

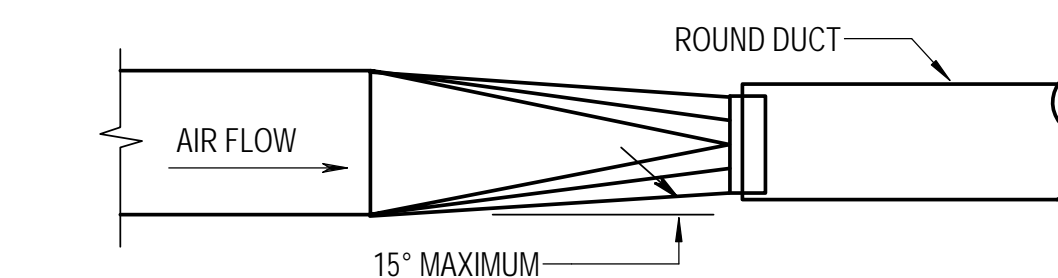
TAPOFF FROM RECTANGULAR DUCT TO ROUND DUCT



- NOTES:**
- BOTTOM TAKEOFFS SIMILAR.
 - SAME FOR RETURN AND EXHAUST DUCTS EXCEPT AIR FLOW IS REVERSED.

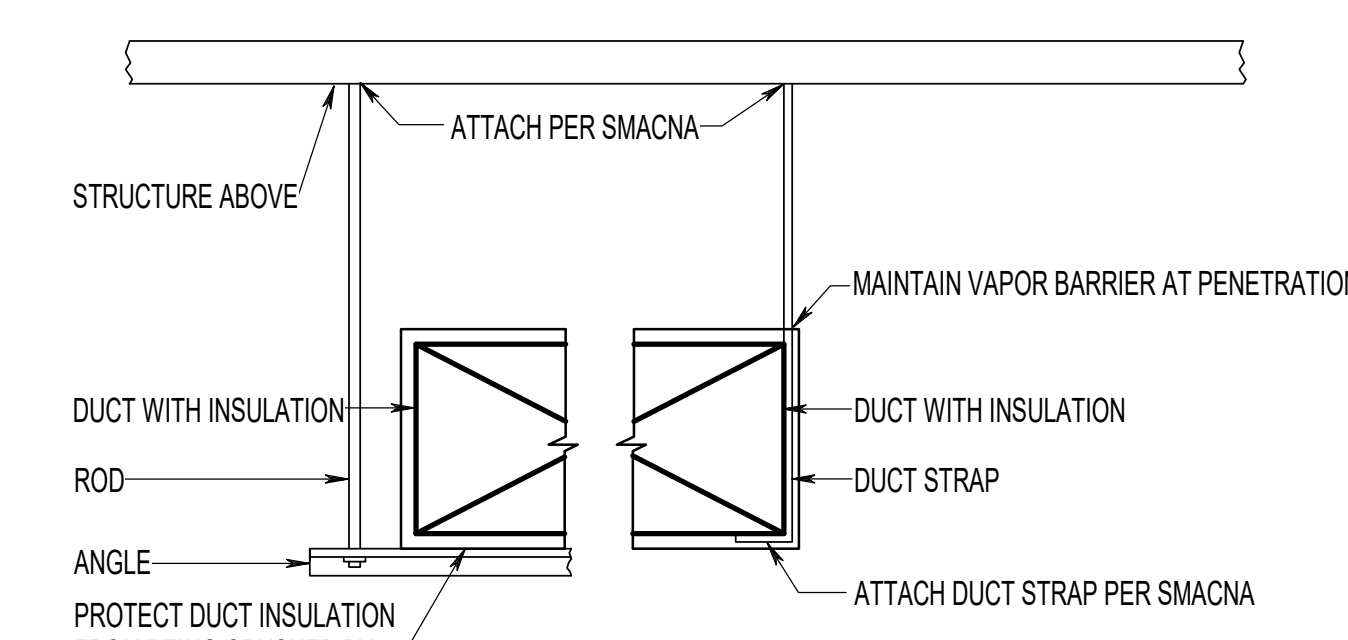
- SPECIAL NOTES:**
- 45° TAP PERMITTED FOR DUCTWORK RATED 2" W.G. OR LESS.

TAKEOFFS FROM TOP OF RECTANGULAR DUCTS



- NOTES:**
- FOR AIR FLOW IN OPPOSITE DIRECTION, TRANSITION COLLAR SHALL OVERLAP EXTERIOR OF ROUND DUCT.

RECTANGULAR TO ROUND DUCT TRANSITION



- NOTES:**
- REFER TO SMACNA FOR ADDITIONAL HANGERS AND SUPPORTS

DUCT INSULATION SUPPORT



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DIRECTOR OF PUBLIC WORKS DATE
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Key Plan

No.	Revision	Date

Project Name
**CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1**

ROCKVILLE MARYLAND

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Seal	Phase
	IFB #08-22
	Project No. 2019.331.004
	Date 12/23/21

Drawing Title
MECHANICAL DETAILS

Drawing No.

M-401

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

1. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.

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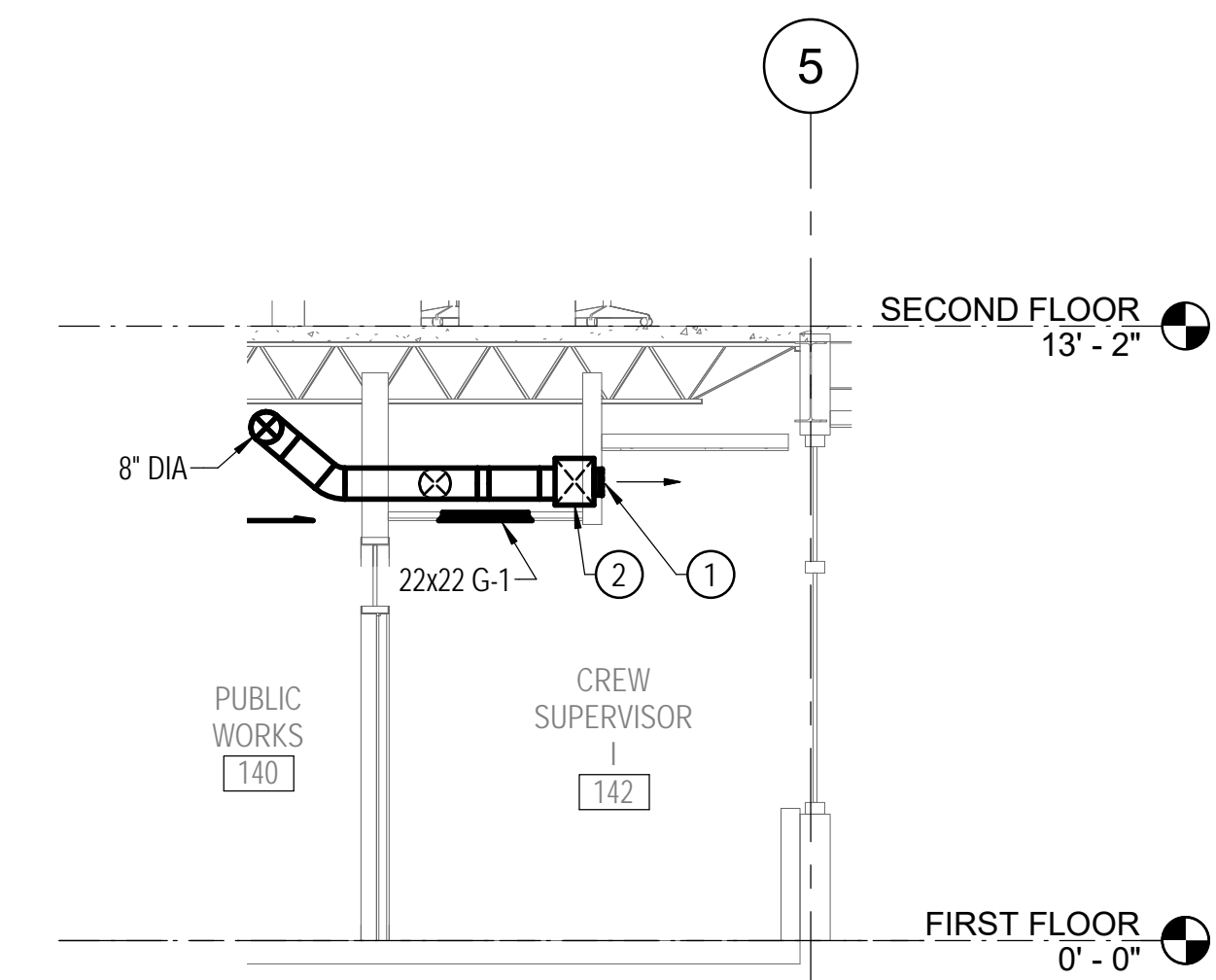
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

① 36" LONG D-2 WITH (4) 1" SLOTS, 120 CFM.
② 36" L x 10" W x 12" H INSULATED PLENUM.



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SECTION - 142 SUPERVISOR
1/4" = 1'-0"

Key Plan

No.	Revision	Date

Project Name
CITY OF ROCKVILLE
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	Phase IFB #08-22
	Project No. 2019.331.004
Date 12/23/21	

Drawing Title
MECHANICAL SECTIONS

Drawing No.
M-501



GENERAL NOTES FOR MECHANICAL SCHEDULES:

- UNIT NUMBERS ARE INDICATED WHERE ALL UNITS ARE LISTED AND NUMBERED INDIVIDUALLY.
- UNIT TYPES ARE DESCRIBED IN THE SPECIFICATIONS.
- TEMPERATURE VALUES ARE LISTED IN DEGREES FARENHEIT.
- AIR PRESSURE VALUES ARE LISTED IN INCHES OF WATER COLUMN.
- AIR VELOCITY VALUES ARE LISTED IN FEET PER MINUTE.
- FLUID PRESSURE VALUES ARE LISTED IN FEET OF WATER GAGE.



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ROOFTOP UNITS ①																											
UNIT NO	TYPE	SERVICE	LOCATION	FILTERS		OA	SUPPLY FAN DATA				EXHAUST FAN DATA			DX COOLING				HEATING				EER	IEER	NOTES			
				PRE	FINAL		CFM	ESP	TSP ②	MOTOR HP	MOTOR BHP	CFM	TSP	MOTOR HP	EAT		LAT		MBH		EAT DB				LAT DB	INPUT MBH	OUTPUT MBH
															DB	WB	DB	WB	TOTAL	SENS							
RTU-1	A	FIRST FLOOR	ROOF	C	E	2,000	7,000	2.35	3.37	1@7.5	1@6.7	9,000	0.33	2@1.0	80.9	67.3	52.1	51.9	329.3	221.7	29.6	55.0	300	100.0	9.9	12.9	
RTU-2	A	SECOND FLOOR	ROOF	C	E	1,500	11,500	2.45	3.42	1@10.0	1@9.6	14,000	0.5	3@1.0	77.6	64.4	52.0	51.8	425.2	322.9	48.1	55.0	400	35.8	9.8	13.4	
RTU-3	B	110 FITNESS	ROOF	C	E	600	2,500	1.10	1.26	1@3.0	1@1.7	2,200	0.3	2@0.33	79.8	66.4	53.3	53.0	101.3	72.7	53.2	77.2	150	65.2	11.0	14.6	
RTU-4	C	ATRIUM	ROOF	C	E	400	6,700	1.0	1.25	2@5.0	2@3.6	5,200	0.3	2@0.75	76.2	63.1	53.1	52.9	199.4	169.7	65.8	83.8	300	131.2	12.0	14.6	

NOTES FOR ROOFTOP UNITS:

- DESIGN AMBIENT CONDITIONS: 95 DEGREES F SUMMER / 10 DEGREES F WINTER.
- INCLUDES FILTER LOADING.

LOUVERED PENTHOUSES								
UNIT NO	LOCATION	SERVICE	CFM	APPROX THROAT AREA (SF)	STATIC PRESSURE	APPROX THROAT SIZE (WxL)	BASIS OF DESIGN	NOTES
LP-1	ROOF	THIRD FLOOR VENTILATION	4,500	11.1	0.03	40x40	GREENHECK MODEL FGI	

DUCTLESS SPLIT AIR CONDITIONING UNITS																
UNIT NO	LOCATION	EVAPORATOR				CONDENSER				ELECTRICAL				BASIS OF DESIGN	NOTES	
		EAT (DB)	EAT (WB)	MBH	FAN FLA	UNIT NO	LOCATION	OA (SUMMER)	OA (WINTER)	MBH	NO. OF COND FANS	FAN FLA	VOLTAGE			PHASE
ACU-1	240 IT SERVER	80	67	24	0.3	ACCU-1	ROOF	95	0	24	1	0.38	208	1	DAIKIN FTK/RK	
ACU-2	169 IT CLOSET	80	67	24	0.3	ACCU-2	ROOF	95	0	24	1	0.38	208	1	DAIKIN FTK/RK	

SINGLE DUCT AIR TERMINAL UNITS ②													
UNIT NO	SERVICE	MAX APD	MAX CFM	MIN CFM	MAX HTG CFM	BRANCH DUCT SIZE ①	BOX INLET SIZE	HEATING			BASIS OF DESIGN	NOTES	
								EAT	LAT	KW			
ATU-1.1	171 RESTROOM/SHOWERS	0.3	610	610	610	12x12	8	55	95	8.0	TITUS DESV		
ATU-1.2	143/144 CREW SUPERVISORS	0.3	100	50	50	4x8	4	55	70	0.5	TITUS DESV		
ATU-1.3	145 CREW SUPERVISOR	0.3	240	80	110	8	6	55	92	1.5	TITUS DESV		
ATU-1.4	146 CREW SUPERVISOR	0.3	420	130	185	10	7	55	99	2.5	TITUS DESV		
ATU-1.5	147 CREW SUPERVISOR	0.3	240	80	85	8	5	55	94	1.0	TITUS DESV		
ATU-1.6	148 CREW SUPERVISOR	0.3	240	80	85	8	5	55	94	1.0	TITUS DESV		
ATU-1.7	149 CREW SUPERVISOR	0.3	410	130	190	10	6	55	99	2.5	TITUS DESV		
ATU-1.8	150 CREW SUPERVISOR	0.3	130	40	110	6	4	55	91	1.5	TITUS DESV		
ATU-1.9	172 RECREATION & PARKS	0.3	1070	330	340	14x12	10	55	99	4.5	TITUS DESV		
ATU-1.10	168 MEETING/EVALUATION	0.3	100	50	50	6	4	55	70	0.5	TITUS DESV		
ATU-1.11	130 CORRIDOR / 140 PUBLIC WORKS	0.3	250	80	80	8x8	5	55	70	0.5	TITUS DESV		
ATU-1.12	141 CREW SUPERVISOR	0.3	240	80	110	8	6	55	91	1.5	TITUS DESV		
ATU-1.13	142 CREW SUPERVISOR	0.3	240	80	110	8	6	55	91	1.5	TITUS DESV		
ATU-1.14	132 UNION OFFICE	0.3	150	50	50	8	4	55	70	0.5	TITUS DESV		
ATU-1.15	131 BREAK ROOM	0.3	970	290	290	14x12	10	55	98	4.0	TITUS DESV		
ATU-1.16	121 SMALL CONFERENCE	0.3	130	40	65	6	4	55	70	0.5	TITUS DESV		
ATU-1.17	120 CORRIDOR	0.3	90	40	40	6	4	55	70	0.5	TITUS DESV		
ATU-1.18	122 MEDIUM CONFERENCE	0.3	360	110	110	8x10	6	55	82	1.0	TITUS DESV		
ATU-1.19	123 LARGE CONFERENCE	0.3	1,430	390	390	16x14	12	55	96	5.5	TITUS DESV		
ATU-1.20	170 LOCKER ROOM	0.3	570	570	570	12x10	7	55	85	5.5	TITUS DESV		
ATU-2.1	220/233 CORRIDOR NORTH/COPY	0.3	650	200	215	12x10	8	55	80	2.0	TITUS DESV		
ATU-2.2	220 CORRIDOR SOUTH	0.3	390	120	160	10x8	6	55	80	1.5	TITUS DESV		
ATU-2.3	221 HR SATELLITE	0.3	90	40	40	6	4	55	76	0.5	TITUS DESV		
ATU-2.4	222 FACILITIES PROPERTY MANAGER	0.3	110	40	40	6	4	55	78	0.5	TITUS DESV		
ATU-2.5	223 PARKS MAINTENANCE SPECIALIST	0.3	200	60	75	8	5	55	87	1.0	TITUS DESV		
ATU-2.6	224 HORTICULTURIST	0.3	320	100	110	10	6	55	90	1.5	TITUS DESV		
ATU-2.7	225 CITY FORESTER	0.3	570	180	200	10x10	7	55	96	2.5	TITUS DESV		
ATU-2.8	226 PARKS MAINTENANCE MANGER	0.3	380	120	145	10	6	55	92	2.0	TITUS DESV		
ATU-2.9	227 PARKS MAINTENANCE MANAGER	0.3	360	110	145	10	6	55	92	2.0	TITUS DESV		
ATU-2.10	228 SUPERINTENDENT OF PARKS	0.3	640	200	280	10x12	8	55	96	3.5	TITUS DESV		
ATU-2.11	229 PARKS AND FACILITIES MANAGER	0.3	290	90	145	8	5	55	92	2.0	TITUS DESV		
ATU-2.12	230 ADMIN SPECIALIST	0.3	180	60	110	8	5	55	90	1.5	TITUS DESV		
ATU-2.13	231 ADMIN ASSISTANT	0.3	180	60	110	8	5	55	90	1.5	TITUS DESV		
ATU-2.14	238 BREAK ROOM	0.3	720	220	200	12x10	8	55	92	2.5	TITUS DESV		
ATU-2.15	242 IT SATELLITE	0.3	160	50	50	6	5	55	75	0.5	TITUS DESV		
ATU-2.16	250 OPERATIONS/MAINTENANCE SUPERINTENDENT	0.3	180	60	110	8	5	55	91	1.5	TITUS DESV		
ATU-2.17	251 OPERATIONS/MAINTENANCE SUPERINTENDENT	0.3	180	60	110	8	5	55	91	1.5	TITUS DESV		
ATU-2.18	252 OPERATIONS/MAINTENANCE SUPERINTENDENT	0.3	180	60	110	8	5	55	90	1.5	TITUS DESV		
ATU-2.19	253 ADMIN ASSISTANT	0.3	180	60	110	8	5	55	90	1.5	TITUS DESV		
ATU-2.20	254 ADMIN SPECIALIST	0.3	250	80	145	8	5	55	92	2.0	TITUS DESV		
ATU-2.21	255 SECRETARY	0.3	160	50	90	8	5	55	94	1.0	TITUS DESV		
ATU-2.22	256 OPERATIONS/MAINTENANCE ASSISTANT SUPERINTENDENT	0.3	540	170	280	8x12	7	55	96	3.5	TITUS DESV		
ATU-2.23	257 RECYCLING SUPERINTENDENT	0.3	290	90	110	10	6	55	91	1.5	TITUS DESV		
ATU-2.24	258 COPY	0.3	420	130	150	8x10	6	55	80	1.5	TITUS DESV		
ATU-2.25	260 DISPATCH	0.3	290	90	110	8	6	55	90	1.5	TITUS DESV		
ATU-2.26	261 PION/M&C/MEDIA	0.3	710	220	270	10x12	8	55	96	3.5	TITUS DESV		
ATU-2.27	262 EOC MANAGER	0.3	440	140	150	10x8	7	55	91	2.0	TITUS DESV		
ATU-2.28	263 EOC	0.3	2,220	670	670	24x12	16	55	84	6.5	TITUS DESV		
ATU-2.29	264 TRAINING	0.3	1,060	320	320	14	10	55	84	3.0	TITUS DESV		
ATU-2.30	265 POLICE DISPATCH	0.3	90	40	40	6	4	55	75	0.5	TITUS DESV		

NOTES FOR SINGLE DUCT AIR TERMINAL UNITS:

- BRANCH DUCT SIZE IS RUNOUT SIZE AND NOT NECESSARILY THE BOX INLET SIZE. PROVIDE 2 FEET OF STRAIGHT DUCT ON BOX INLET SAME SIZE AS BOX INLET. PROVIDE INSULATED TRANSITION IF REQUIRED FOR CONNECTION.
- CONTRACTOR RESPONSIBLE FOR COORDINATING RIGHT HAND AND LEFT HAND ORIENTATION.

FANS												
UNIT NO	TYPE	LOCATION	SERVICE	CFM	CLASS	WHEEL DIA	ESP	HP	BHP	RPM	BASIS OF DESIGN	NOTES
EF-1	J	ROOF	FIRST AND SECOND FLOOR EXHAUST	2,395	I	14	0.9	1.0	0.89	1,725	GREENHECK MODEL CUBE-140	
EF-2	J	ROOF	THIRD FLOOR EXHAUST	4,500	I	20	0.50	1.5	1.1	1,725	GREENHECK MODEL CUBE-220	

UNIT HEATERS - ELECTRIC												
UNIT NO	TYPE	LOCATION	APPROX UNIT SIZE			CAPACITY MBH	EAT	ELEC KW	VOLTAGE	PHASE	BASIS OF DESIGN	NOTES
			W	H	D							
UH-1	B	190 VESTIBULE	18	22	6	6.8	65	3.0	208	1	TRANE MODEL UHWA SERIES 20	
UH-2	B	S101 STAIR 1	18	22	6	6.8	65	3.3	208	1	TRANE MODEL UHWA SERIES 20	
UH-3	A	THIRD FLOOR	15	18	7	11.2	65	3.3	208	1	TRANE MODEL UHEC-031	
UH-4	A	THIRD FLOOR	15	18	7	11.2	65	3.3	208	1	TRANE MODEL UHEC-031	
UH-5	A	THIRD FLOOR	15	18	7	11.2	65	3.3	208	1	TRANE MODEL UHEC-031	
UH-6	A	THIRD FLOOR	15	18	7	11.2	65	3.3	208	1	TRANE MODEL UHEC-031	
UH-7	A	THIRD FLOOR	15	18	7	11.2	65	3.3	208	1	TRANE MODEL UHEC-031	
UH-8	A	THIRD FLOOR	15	18	7	11.2	65	3.3	208	1	TRANE MODEL UHEC-031	
UH-9	A	THIRD FLOOR	15	18	7	11.2	65	3.3	208	1	TRANE MODEL UHEC-031	

Key Plan

No.	Revision	Date
Project Name		
CITY OF ROCKVILLE		
6 TAFT COURT RENOVATION		
PHASE 1		
ROCKVILLE	MARYLAND	
ENGINEERS, ARCHITECTS, & SURVEYORS 8401 Connecticut Avenue, Suite 350 Chevy Chase, MD 20815 Tel: 301.718.0080 Fax: 301.718.9520 Email: mail@delta-eas.com www.delta-eas.com		

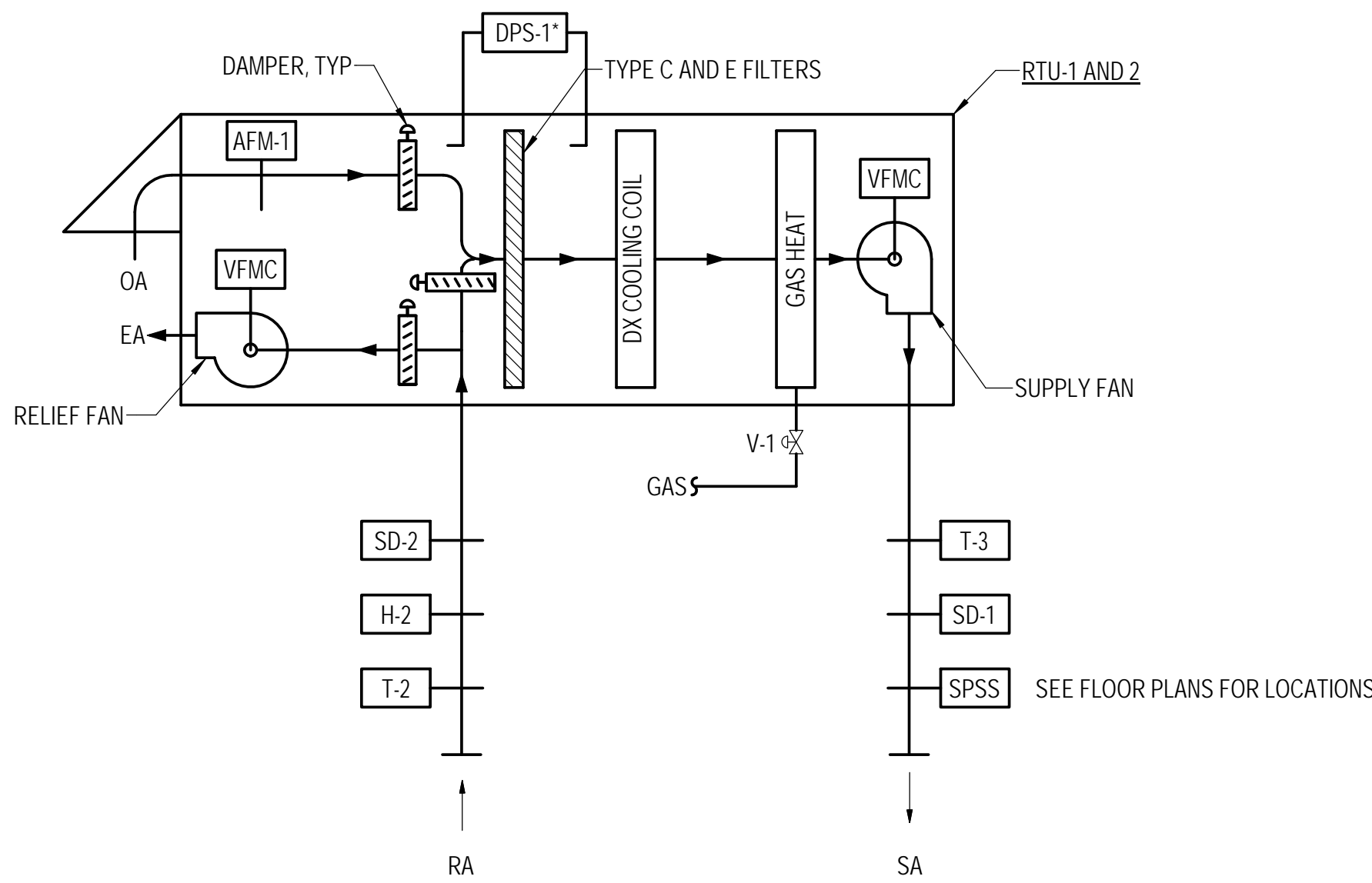
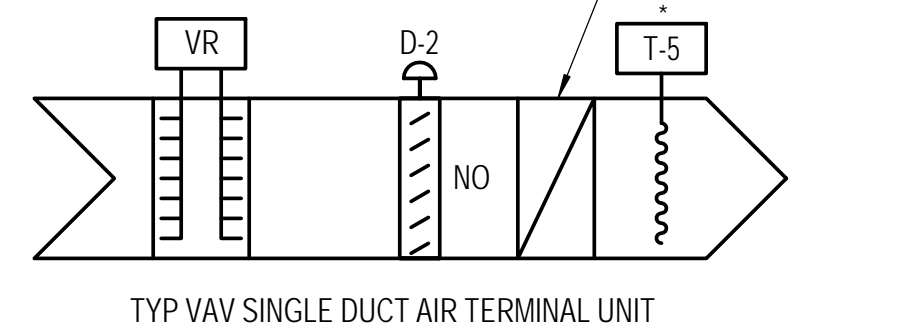
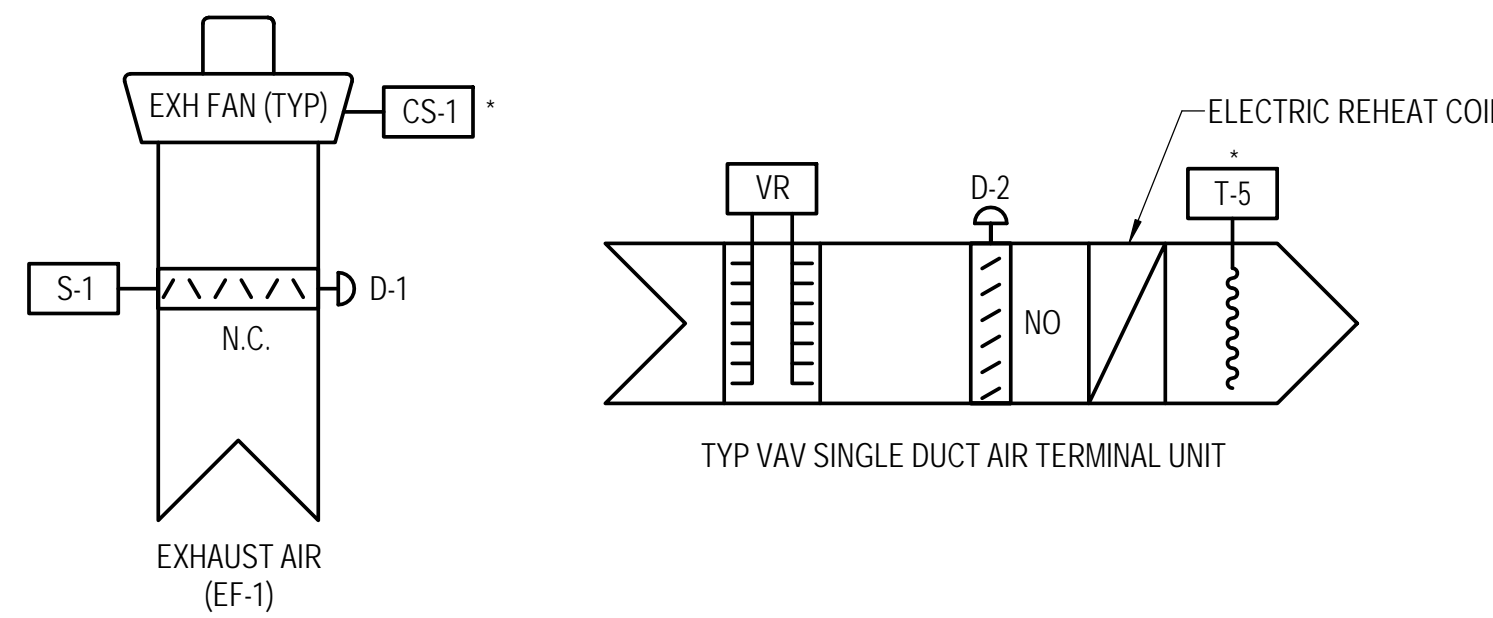
	Phase IFB #08-22 Project No. 2019.331.004 Date 12/23/21
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Drawing Title
MECHANICAL SCHEDULES

Drawing No.
M-601

- NOTES:**
 1. DAMPER D-1 SHALL BE PROVIDED BY ATC CONTRACTOR.
 2. DAMPER D-2 SHALL BE PROVIDED BY ATU MANUFACTURER.
 3. DEVICES WITH ASTERISKS (*), PROVIDE READ-OUT INFORMATION ONLY; NO CONTROL FUNCTION.

- T-1** OUTDOOR AIR TEMPERATURE SENSOR (GLOBAL)
- H-1** OUTDOOR AIR HUMIDITY SENSOR (GLOBAL)
- CP-1** MANUFACTURER'S CONTROL PANEL
- BAS** BUILDING AUTOMATION SYSTEM
- CO-1** OUTDOOR AIR CARBON DIOXIDE SENSOR (GLOBAL)
- ESS** EMERGENCY SHUTDOWN SWITCH
- T-4** SPACE TEMPERATURE SENSOR
- CO-2** SPACE CARBON DIOXIDE SENSOR (WHERE INDICATED)



AIR FLOW SCHEDULE										
	SUPPLY AIR		EXHAUST AIR		OUTDOOR AIR			O/A/E DIFFERENTIAL		
	MAX	MIN	ECON	MAX	MIN	ECON	MAX	MIN	ECON	NORMAL
RTU-1	7,000	3,310	4,905	0	0	7,000	2,095	2,095	2,095	2,095
RTU-2	11,500	3,890	10,700	700	0	11,500	1,500	800	800	800

VARIABLE AIR VOLUME ROOF TOP UNIT CONTROL DIAGRAM - RTU-1 AND 2

INPUT/OUTPUT SUMMARY																				
SYSTEM	GRAPHIC	INDICATION							ALARM			CONTROL			REMARKS					
		STATUS	TEMPERATURE	RELATIVE HUMIDITY	PPM	CFM	STATIC PRESSURE	DIFFERENTIAL PRESSURE	POSITION	RUN TIME	HERTZ	LOW	HIGH	CRITICAL		MAINTENANCE	PROGRAM START/STOP	HAND-OFF-AUTO	MODULATE	MIN/MAX
SYSTEM	X														X	X				BAS, CP-1
SUPPLY AIR FAN		X				X	X									X				SPSS
RELIEF AIR FAN		X					X									X				
OUTDOOR AIR			X	X	X	X							X							T-1, H-1, CO-2-1, AFM-1
RETURN AIR			X	X																T-2, H-2
SUPPLY AIR			X									X	X							T-3
SMOKE DETECTOR												X	X							SD-1&2
FILTERS							X					X	X							DPS-1
EMERGENCY SHUTDOWN													X				X			ESS
VALVES									X								X			V-1

INPUT/OUTPUT SUMMARY																				
SYSTEM	GRAPHIC	INDICATION							ALARM			CONTROL			REMARKS					
		STATUS	TEMPERATURE	RELATIVE HUMIDITY	PPM	CFM	STATIC PRESSURE	DIFFERENTIAL PRESSURE	POSITION	RUN TIME	HERTZ	LOW	HIGH	CRITICAL		MAINTENANCE	PROGRAM START/STOP	HAND-OFF-AUTO	MODULATE	MIN/MAX
SYSTEM	X																			BAS
SUPPLY AIR						X														VR
DAMPER									X								X			D-2
SPACE			X	X																T-4, CO-2-2
VAV DISCHARGE AIR			X																	T-5
ELECTRIC REHEAT COIL		X											X				X			SCR

INPUT/OUTPUT SUMMARY																				
SYSTEM	GRAPHIC	INDICATION							ALARM			CONTROL			REMARKS					
		STATUS	TEMPERATURE	RELATIVE HUMIDITY	PPM	CFM	STATIC PRESSURE	DIFFERENTIAL PRESSURE	POSITION	RUN TIME	HERTZ	LOW	HIGH	CRITICAL		MAINTENANCE	PROGRAM START/STOP	HAND-OFF-AUTO	MODULATE	MIN/MAX
SYSTEM	X																			BAS
SUPPLY AIR						X														VR
DAMPER									X								X			D-2
SPACE			X	X																T-4, CO-2-2
VAV DISCHARGE AIR			X																	T-5
ELECTRIC REHEAT COIL		X											X				X			SCR

VARIABLE AIR VOLUME ROOF TOP UNIT INPUT/OUTPUT SUMMARY - RTU-1 AND 2

GENERAL:

- THE SYSTEM SHALL BE STARTED AND STOPPED THROUGH THE BAS.
- ALL SAFETIES AND ASSOCIATED CONTROL INTERLOCKS SHALL REMAIN ACTIVE IN ALL H-O-A SWITCH POSITIONS.
- PROVIDE A REMOTE EMERGENCY SHUTDOWN SWITCH (ESS) FOR SYSTEM SHUTDOWN. SWITCH SHALL BE INSTALLED AT A LOCATION APPROVED BY THE FIRE INSPECTOR. TYPICALLY INSTALL AT THE BUILDING ENTRANCE ADJACENT TO THE FIRE ALARM ANNUNCIATOR PANEL.
- COOLING SPACE SETPOINT T-4 SHALL BE 75 DEGREES F (ADJUSTABLE) AND HEATING SPACE SETPOINT T-4 SHALL BE 70 DEGREES F (ADJUSTABLE).
- ALL SETPOINTS SHALL BE ADJUSTABLE.
- COORDINATE VARIABLE FREQUENCY MOTOR CONTROLLER (VFMC) INTERFACE REQUIREMENTS WITH VFMC MANUFACTURER.

STARTING AND STOPPING:

- THE UNIT IS ENERGIZED TO OPERATE THROUGH THE BAS. CONTROL MANUFACTURER SHALL INTERFACE WITH UNIT TO COMMAND OCCUPIED/UNOCCUPIED/DEHUMIDIFICATION/WARM-UP/COOL-DOWN/HEATING/COOLING MODES.

PREPARATORY (600 TO 700) (ADJUSTABLE):

- RTU STARTS. EXHAUST FAN EF-1 IS OFF AND DAMPER D-1 IS CLOSED. RTU SHALL BE IN 100-PERCENT RECIRCULATION MODE.

- WARM-UP: WHEN RETURN AIR TEMPERATURE AT T-2 IS BELOW 70 DEGREES F, SUPPLY AIR SETPOINT IS 80 DEGREES F.

- PULL-DOWN: WHEN RETURN AIR TEMPERATURE AT T-2 IS ABOVE 75 DEGREES F, SUPPLY AIR SETPOINT IS 55 DEGREES F.

- PROVIDE OPTIMUM START CONTROLS FOR RTU 1 AND 2 IN ACCORDANCE WITH ASHRAE 90.1-2016 TO OPTIMIZE START OF PREPARATORY MODE. SYSTEM SHALL LEARN WHEN TO START BASED ON OUTDOOR AIR TEMPERATURE AND HOW LONG THE PULL DOWN OR WARM UP MODE SHALL LAST.

OCCUPIED (700 TO 1800) (ADJUSTABLE):

- RTU IS ENERGIZED. DAMPER D-1 OPENS AND EXHAUST FAN EF-1 STARTS THROUGH END SWITCH S-1. LOCK OUT RELAY ACTUATED BY FAN STARTER PREVENTS S-1 FROM STOPPING FAN.

- RTU MANUFACTURER CONTROLS AND VALVE V-1 SHALL MAINTAIN A LEAVING AIR TEMPERATURE OF 55 DEGREES F AT TEMPERATURE SENSOR T-3. MANUFACTURER PACKAGED CONTROLS SHALL INCLUDE ECONOMIZER CONTROL, DX COOLING CONTROL, AND GAS HEATING CONTROL.

FAN CAPACITY CONTROL:

- STATIC PRESSURE SENSING STATION SPSS SHALL MODULATE THE SUPPLY AIR FAN SPEED THROUGH THE MANUFACTURER SUPPLIED VARIABLE FREQUENCY MOTOR CONTROLLER TO MAINTAIN SETPOINT AS DETERMINED BY THE BALANCING CONTRACTOR.

- THE BAS SHALL POLE THE POSITION OF ALL D-2 DAMPERS AND RESET SPSS SETPOINT UNTIL ONE D-2 DAMPER IS OPEN TO 90 PERCENT OF FULL AIR FLOW.

- RELIEF FAN SHALL MODULATE PER MANUFACTURER'S PACKAGED CONTROLS TO MAINTAIN BUILDING PRESSURE AS SET UP BY THE BALANCING CONTRACTOR.

UNOCCUPIED (1800 TO 600) (ADJUSTABLE):

- UNITS ARE OFF. EXHAUST FAN OFF, D-1 IS CLOSED.

- WINTER NIGHT SETBACK TEMPERATURE 65 DEGREES F (ADJUSTABLE) SHALL BE MAINTAINED BY CYCLING THE RTU AND OPENING D-2 TO MINIMUM POSITION, AND MODULATING ELECTRIC HEAT TO MAINTAIN 68 DEGREES F SPACE TEMPERATURE UNTIL ALL SPACE THERMOSTATS ARE SATISFIED.

- SUMMER NIGHT SETBACK TEMPERATURE 80 DEGREES F (ADJUSTABLE) SHALL BE MAINTAINED BY CYCLING THE RTU, SETTING THE SUPPLY AIR TEMPERATURE TO 55 DEGREES F, UNTIL ALL SPACE THERMOSTATS ARE SATISFIED AT 78 DEGREES F.

SMOKE DETECTORS:

- WHEN SMOKE IS SENSED, BY EITHER SMOKE DETECTOR SD-1, OR SD-2 SYSTEM STOPS AND AN ALARM SHALL BE SENT THROUGH BAS. RTU SYSTEM SHALL RETURN TO NORMAL OPERATION WHEN SD-1, AND SD-2 ARE RESET.

OCCUPIED MODE OUTDOOR AIR CONTROL:

- OUTDOOR AIR SETPOINT SHALL BE MAXIMUM IF THE CARBON DIOXIDE DIFFERENTIAL BETWEEN SPACE SENSOR CO-2.2 AND THE OUTDOOR AIR SENSOR CO-2.1 EXCEEDS 700 PPM AND CONTINUE TO MAXIMUM OUTDOOR AIRFLOW (AS SCHEDULED) AS NEEDED UNTIL DIFFERENTIAL FALLS BELOW 400 PPM. MINIMUM OUTDOOR AIR SETPOINT IS PER AIRFLOW SCHEDULE.

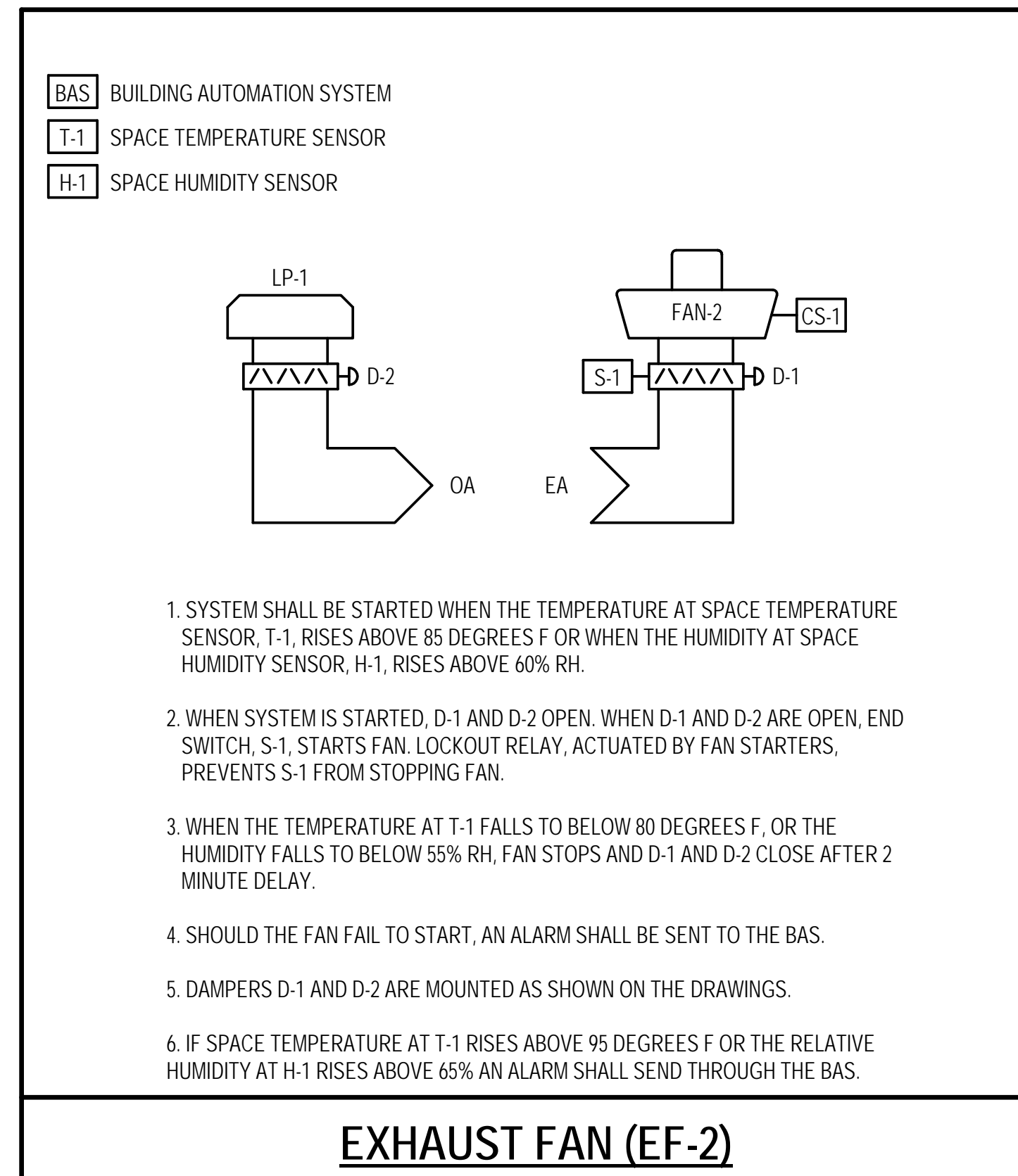
- OUTDOOR AIR TO EXHAUST AIR DIFFERENTIAL SHALL BE PER AIRFLOW SCHEDULE. MANUFACTURER SHALL PROVIDE AIR FLOW MONITORS TO MAINTAIN THIS DIFFERENTIAL.

AIR TERMINAL UNIT CONTROL:

- DAMPER D-2 SHALL MODULATE FROM MAXIMUM COOLING AIRFLOW TO MINIMUM COOLING AIRFLOW THROUGH VOLUME REGULATOR VR TO MAINTAIN SPACE TEMPERATURE AT T-4 OF 75 DEGREES F. IF A ROOM HAS AN OCCUPANCY SENSOR THAT IS INDEXED OFF, BOX MINIMUM SHALL BE 0 CFM AND T-4 SHALL BE RESET TO 78 DEGREES F.

- WHEN SPACE TEMPERATURE AT T-4 FALLS BELOW 70 DEGREES F, DAMPER D-2 MODULATES FROM MIN TO MAX HEATING CFM AND ELECTRIC REHEAT COIL SHALL MODULATE TO MAINTAIN SETPOINT OF 70 DEGREES F. IF A ROOM HAS AN OCCUPANCY SENSOR THAT IS INDEXED OFF, BOX MINIMUM AIRFLOW AND T-4 SHALL BE SET TO 65 DEGREES F.

VARIABLE AIR VOLUME ROOF TOP UNIT CONTROL SEQUENCE - RTU-1 AND 2



EXHAUST FAN (EF-2)



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
 SEPARATE BUILDING PERMIT(S) FROM INSPECTION
 SERVICES DIVISION ARE REQUIRED FOR ON-SITE
 CONSTRUCTION

Key Plan

No.	Revision	Date
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Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
 ROCKVILLE MARYLAND

DELTA
 ENGINEERS, ARCHITECTS, & SURVEYORS
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Seal of the State of Maryland Professional Engineer
 Phase IFB #08-22
 Project No. 2019.331.004
 Date 12/23/21

Drawing Title
AUTOMATIC TEMPERATURE CONTROLS

Drawing No.

M-702

ELECTRICAL CONVENTIONS	
LIGHTING	
	LUMINAIRE TYPE - SEE LUMINAIRE SCHEDULE CIRCUIT NUMBER CONTROL POINT DESIGNATION (IF MORE THAN ONE)
	STEM INDICATES WALL MOUNTED LUMINAIRE, MOUNTING HEIGHT AS NOTED
	NUMBER OF CONTROL POINTS TYPE OF CONTROL CONTROL ZONE REFERENCE
REFERENCE	
	SECTION DESIGNATION NUMBER DENOTES SECTION IDENTIFICATION DRAWING NUMBER WHERE DETAIL IS LOCATED
	DETAIL DESIGNATION NUMBER DENOTES DETAIL IDENTIFICATION DRAWING NUMBER WHERE DETAIL IS LOCATED
	SPECIAL NOTE (APPLIES WHERE INDICATED ON THE DRAWING)
	SPECIAL EQUIPMENT NUMBER
WIRING	
	INDICATES PANELBOARD CIRCUIT DESIGNATION DEVICE TYPE
	BRANCH CIRCUIT HOMERUN TO PANEL "LP-1", CIRCUITS #1,3,5 NUMBER OF CIRCUITS INDICATED BY QUANTITY OF ARROW HEADS.
	CONCEALED CONDUIT IN CEILING OR WALLS
	CONDUIT IN OR UNDER FLOOR
	EXPOSED CONDUIT
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	CONDUIT, CAPPED
GENERAL NOTE: WHERE WIRE SIZE IS INDICATED AT THE HOMERUN OR ON THE SCHEDULE TO BE LARGER THAN THE SPECIFIED MINIMUM PROVIDE THE INDICATED WIRE SIZE THROUGHOUT THE ENTIRE BRANCH CIRCUIT.	
MOUNTING HEIGHTS	
	INDICATES DEVICE TO BE MOUNTED 8' ABOVE COUNTERTOP BACKSPASH DEVICE TYPE
	INDICATES DEVICE MOUNTING HEIGHT ABOVE FINISHED FLOOR OR ABOVE FINISHED GRADE (AS APPROPRIATE) DEVICE TYPE
PRESENTATION	
	ELECTRICAL EQUIPMENT DESIGNATED BY SOLID HEAVY LINEWEIGHT INDICATES NEW WORK TO BE PROVIDED.
	ELECTRICAL EQUIPMENT DESIGNATED BY SOLID LIGHT LINEWEIGHT INDICATES EXISTING EQUIPMENT TO REMAIN, UNLESS OTHERWISE INDICATED.
	ELECTRICAL EQUIPMENT DESIGNATED BY DASHED HEAVY LINEWEIGHT REPRESENTS EXISTING EQUIPMENT TO BE REMOVED AND DISPOSED, UNLESS INDICATED TO BE REMOUNTED, RELOCATED, OR TURNED OVER TO OWNER.

ELECTRICAL LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT
	LUMINAIRE	--
	EMERGENCY LUMINAIRE, BATTERY POWERED	--/90°
	ILLUMINATED EXIT SIGN, SINGLE FACE - ARROW INDICATES DIRECTIONAL CHEVRON - CEILING/WALL MOUNTED	--/90°
	ILLUMINATED EXIT SIGN, DOUBLE FACE - CEILING/WALL MOUNTED	--/90°
	SINGLE POLE TOGGLE SWITCH	46"
	OCCUPANCY SENSOR SWITCH	46"
	OCCUPANCY SENSOR SWITCH WITH 0-10V DIMMING	46"
	LIGHTING CONTROL SYSTEM - LOW VOLTAGE SWITCH FOR ONE ZONE, ON/OFF CONTROL.	46"
	LIGHTING CONTROL SYSTEM - LOW VOLTAGE SWITCH FOR ONE ZONE, ON/OFF AND UP/DOWN DIMMING.	46"
	OCCUPANCY SENSOR (CEILING AND WALL MOUNTED) SUBSCRIPTS: DT: DUAL TECHNOLOGY (DEFAULT IF NO SUBSCRIPT INDICATED) U: ULTRASONIC P: PASSIVE INFRARED	--/92°
	INDOOR PHOTOSENSOR, CEILING MOUNTED	--
	LIGHTING CONTROL SYSTEM - GATEWAY (MAIN HEADEND CONTROLLER)	46"
	LIGHTING CONTROL SYSTEM - RELAY PACK WITH POWER SUPPLY	--
	LIGHTING CONTROL SYSTEM - RELAY PACK WITH POWER SUPPLY FOR DIMMING 0-10V LOADS	--
	RECEPTACLE - NEMA CONFIGURATION 5-20R (SHADING INDICATES CONNECTED TO EMERGENCY/STANDBY POWER CIRCUIT) SUBSCRIPTS: GFI: WITH 5mA GROUND FAULT INTERRUPTER TR: TAMPER-RESISTANT U: USB TYPE RECEPTACLE WP: WEATHER-RESISTANT RECEPTACLE WITH WEATHERPROOF WHILE-IN-USE COVER	18"
	RECEPTACLE - NEMA CONFIGURATION 5-20R FLOOR BOX (SHADING INDICATES CONNECTED TO EMERGENCY/STANDBY POWER CIRCUIT) SUBSCRIPTS: F: FLUSH MOUNTED T: TOMBSTONE MOUNTED P: POKE-THRU MOUNTED GFI: WITH 5mA GROUND FAULT INTERRUPTER IG: ISOLATED GROUND TYPE SPD: INTEGRAL SURGE PROTECTION AND INDICATOR LIGHT TR: TAMPER-RESISTANT EXP: EXPLOSION PROOF WP: WEATHER-RESISTANT RECEPTACLE WITH WEATHER-PROOF WHILE-IN-USE COVER	--
	RECEPTACLE - NEMA CONFIGURATION 5-20R CEILING MOUNTED (SHADING INDICATES CONNECTED TO EMERGENCY/STANDBY POWER CIRCUIT) SUBSCRIPTS: GFI: WITH 5mA GROUND FAULT INTERRUPTER IG: ISOLATED GROUND TYPE SPD: INTEGRAL SURGE PROTECTION AND INDICATOR LIGHT TR: TAMPER-RESISTANT EXP: EXPLOSION PROOF WP: WEATHER-RESISTANT RECEPTACLE WITH WEATHER-PROOF WHILE-IN-USE COVER	--
	COMBINATION DUPLEX RECEPTACLE AND COMBINATION TELEPHONE/DATA OUTLET SUBSCRIPTS: F: FLUSH MOUNTED FLOOR BOX P: POKE-THROUGH MOUNTED	--
	RECEPTACLE - SPECIAL NEMA CONFIGURATION AS NOTED (SHADING INDICATES CONNECTED TO EMERGENCY/STANDBY POWER CIRCUIT)	18"
	JUNCTION BOX (CEILING AND WALL MOUNTED)	--/AS NOTED
	PUSHBUTTON STATION	46"
	PANELBOARD	78" TO TOP
	SAFETY SWITCH	60" TO TOP
	MOTOR	--
	FRACTIONAL HORSEPOWER MANUAL MOTOR SWITCH	46"
	UNIT HEATER, CABINET TYPE	--
	UNIT HEATER, SPACE TYPE	--
	ROUGH-IN FOR WALL MOUNTED COMMUNICATIONS OUTLET	18"
	ROUGH-IN FOR FLOOR MOUNTED COMMUNICATIONS OUTLET SUBSCRIPTS: F: FLUSH MOUNTED P: POKE-THRU MOUNTED	--
	ROUGH-IN FOR CEILING MOUNTED COMMUNICATIONS OUTLET SUBSCRIPTS: WIFI: WIRELESS ACCESS POINT	--
	BASKET CABLE TRAY	--
	SECURITY SYSTEM - ELECTRIC STRIKE ROUGH-IN	AS NOTED
	SECURITY SYSTEM - ELECTROMAGNETIC LOCK ROUGH-IN	AS NOTED
	SECURITY SYSTEM - CARD READER ROUGH-IN	46"
	SECURITY SYSTEM - PASSIVE INFRARED SENSOR ROUGH-IN	78" TO TOP
	SECURITY SYSTEM - SURVEILLANCE CAMERA ROUGH-IN (CEILING/WALL MOUNT) SUBSCRIPTS: F: FIXED (DEFAULT IF NO SUBSCRIPT INDICATED) PTZ: PAN - TILT - ZOOM; DOME D: DOME	--/AS NOTED

ELECTRICAL LEGEND (CONTINUED)		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT
	RACEWAY, CAPPED	--
	AUTOMATIC TRANSFER SWITCH	--
	GENERATOR	--
	KEY INTERLOCK	--
	GROUNDING SYSTEM - GROUND CONNECTION	--
	MOLDED CASE CIRCUIT BREAKER (600V AND BELOW)	--
	FIXED CURRENT TRANSFORMER WITH TURN RATIO	--
	CURRENT LIMITING FUSE (600V AND BELOW)	--
	DISCONNECT SWITCH (600V AND BELOW)	--
	KILOWATT METER (KWH = KILOWATT HOURS)	--
	SHUNT TRIP	--
	TRANSFORMER	--
	GROUNDING SYSTEM WYE GROUNDED NEUTRAL WINDING	--
	DELTA WINDING	--

NOTES: (APPLICABLE TO ELECTRICAL LEGEND ONLY)

- THE MOUNTING HEIGHTS GIVEN ON THIS SHEET IN THE ELECTRICAL LEGEND ARE GENERAL AND SHALL BE USED ONLY WHEN MOUNTING HEIGHTS CANNOT BE ESTABLISHED BY REFERENCE TO DETAILS, ELEVATIONS, AND NOTES ON THE DRAWINGS.
- ALL MOUNTING HEIGHTS, UNLESS OTHERWISE NOTED, SHALL BE MEASURED FROM THE FINISHED FLOOR TO THE CENTERLINE OF THE OUTLET OR DEVICE.
- HEIGHTS OF ALL ITEMS NOT COVERED BY THE ELECTRICAL LEGEND AND NOT SHOWN ON THE DRAWINGS SHALL BE AS DIRECTED BY THE ARCHITECT OR ENGINEER.
- WHERE PLACING ANY ITEM AT THE HEIGHTS LISTED OR NOTED WILL CAUSE INTERFERENCE WITH THE WORK OF OTHER TRADES, OR IS NOT PHYSICALLY POSSIBLE OR DESIRABLE FOR ONE REASON OR ANOTHER, THE ITEM SHALL BE INSTALLED AT A LOCATION APPROVED BY THE ARCHITECT OR ENGINEER.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
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CONSTRUCTION

Key Plan		

1	ADDENDUM 1	3/31/2022
No.	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

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Seal	Phase IFB #08-22
	Project No. 0219.331.004
	Date 12/23/2021

Drawing Title
ELECTRICAL COVER SHEET

Drawing No.
E001

GENERAL ELECTRICAL NOTES (APPLICABLE TO ALL ELECTRICAL AND FIRE ALARM DRAWINGS)	
1.	PROVIDE LABOR, MATERIALS, TOOLS, EQUIPMENT, COORDINATION, DELEGATED DESIGN AND INCIDENTALS NECESSARY TO PROVIDE A COMPLETE AND OPERABLE SYSTEM.
2.	PERFORM WORK AS REQUIRED BY APPLICABLE CODES, REGULATIONS AND LAWS OF LOCAL, STATE AND FEDERAL GOVERNMENTS AND OTHER AUTHORITIES WITH LAWFUL JURISDICTION.
3.	MATERIAL AND EQUIPMENT SHALL BE LISTED AND LABELED BY NATIONALLY RECOGNIZED TESTING LABORATORIES FOR INTENDED SERVICE.
4.	GIVE NOTICES, FILE PLANS, OBTAIN PERMITS AND LICENSES. FEES ARE WAIVED FOR CITY PERMITS HOWEVER, ALL OTHER PERMITS AND FEES ARE RESPONSIBILITY OF CONTRACTOR. OBTAIN NECESSARY APPROVALS FROM AUTHORITIES THAT HAVE JURISDICTION.
5.	MAINTAIN RECORD DRAWINGS ON SITE. RECORD SET SHALL BE COMPLETE, CURRENT, AND AVAILABLE UPON REQUEST.
6.	SUBMIT FOR APPROVAL, SHOP DRAWINGS FOR EQUIPMENT AND MATERIALS USED ON PROJECT. OBTAIN APPROVAL BY ENGINEER PRIOR TO PURCHASE OF EQUIPMENT AND MATERIALS.
7.	REPAIR OR REPLACE DAMAGE TO FACILITIES AND EQUIPMENT AT NO ADDITIONAL EXPENSE TO OWNER.
8.	PATCH AND REPAIR DISTURBED AREAS TO MATCH ADJACENT SURFACES AND FINISHES.
9.	PROVIDE TEMPORARY POWER AND LIGHTING FOR OTHER TRADES AS REQUIRED TO COMPLETE PROJECT IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.
10.	DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS. PROVIDE COMPONENTS INDICATED ON RISER DIAGRAMS WHETHER OR NOT INDICATED ON PLANS, AND VICE VERSA.
11.	LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND REQUIRE COORDINATION WITH OTHER TRADES. ROUTING OF CONDUIT IS DIAGRAMMATIC IN NATURE AND NOT INTENDED TO SHOW REQUIRED OFFSETS AND DETAILS. OBTAIN DRAWINGS AND SPECIFICATIONS FROM OTHER TRADES AND COORDINATE WITH OTHER TRADES.
12.	COORDINATE ELECTRICAL INSTALLATION WITH FIELD CONDITIONS. LOCATIONS SHOWN ARE DIAGRAMMATIC AND MAY REQUIRE ADJUSTMENT IN FIELD.
13.	COORDINATE LOCATIONS OF ELECTRICAL DEVICES WITH ARCHITECTURAL ELEVATIONS AND CASEWORK DETAIL DRAWINGS PRIOR TO INSTALLATION.
14.	REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF MECHANICAL EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS.
15.	REFER TO ARCHITECTURAL DRAWINGS FOR FIRE AND SOUND RATED WALLS REQUIRING SPECIAL CONSTRUCTION.
16.	PERMANENTLY LABEL NEW ELECTRICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO, DEVICE DESIGNATION AND SUPPLY CIRCUIT DESIGNATION.
17.	CORE DRILL CONCRETE WALLS AND FLOORS TO PROVIDE OPENINGS FOR CONDUIT INSTALLATION. PRIOR TO CORE DRILLING, LOCATE REINFORCING BARS IN EXISTING WALLS AND FLOORS USING A NON-DESTRUCTIVE METHOD. COORDINATE AND OBTAIN FINAL APPROVAL OF CORE DRILL LOCATIONS FROM STRUCTURAL ENGINEER. DO NOT CUT THROUGH EXISTING REINFORCING BARS WITHOUT APPROVAL OF STRUCTURAL ENGINEER. MAXIMUM CORE DRILL SIZE SHALL BE 5-INCH DIAMETER. SPACE CORE DRILL LOCATIONS A MINIMUM OF 6 INCHES FROM EACH OTHER, MEASURED FROM CORE DRILL OPENINGS. PROPERLY SEAL OPENINGS ACCORDING TO LOCATION AND APPLICATION.
18.	PROVIDE EACH CIRCUIT WITH A DEDICATED NEUTRAL UNLESS NOTED OTHERWISE.
19.	CONDUIT HOMERUNS SHOWN ON DRAWINGS WITH MORE THAN 3 CURRENT CARRYING CONDUCTORS ARE SHOWN DIAGRAMMATICALLY. DO NOT INSTALL MORE THAN 3 CURRENT CARRYING CONDUCTORS IN A SINGLE RACEWAY UNLESS INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
20.	PROVIDE FIRESTOPPING FOR ELECTRICAL PENETRATIONS IN FIRE RATED ASSEMBLIES.
21.	INSTALL ELECTRICAL WORK IN A NEAT AND WORKMANLIKE MANNER. RECTILINEAR TO BUILDING STRUCTURE. INSTALL RACEWAYS TIGHT TO STRUCTURAL CEILING AND AS HIGH AS POSSIBLE WITHIN CEILING SPACES TO MAINTAIN MAXIMUM AMOUNT OF CLEAR SPACE BELOW RACEWAY.
22.	INSTALL RACEWAYS CONCEALED IN BUILDING FINISHES FOR ALL EXTERIOR MOUNTED DEVICES. DO NOT ROUTE EXPOSED ON BUILDING EXTERIOR.
23.	INSTALL RACEWAYS CONCEALED IN WALLS, UNDER FLOORS, ABOVE CEILINGS, ETC., EXCEPT AS FOLLOWS: -WHERE SUSPENDED CEILINGS ARE NOT PROVIDED -IN VERTICAL SHAFTS, ELECTRICAL CLOSETS, ETC., MECHANICAL AND ELECTRICAL EQUIPMENT SPACES WHERE CONCEALMENT IS NOT PRACTICAL. -AT SURFACE-MOUNT PANELBOARDS IN OTHERWISE FINISHED SPACES LIMITED TO VERTICAL RUNS ABOVE AND BELOW PANEL -WHERE REQUIRED FOR EQUIPMENT CONNECTIONS -WHERE SPECIFICALLY INDICATED ON DRAWINGS
24.	OWNER-FURNISHED EQUIPMENT: VERIFY AND COORDINATE ELECTRICAL ROUGH-IN REQUIREMENTS FOR OWNER-FURNISHED EQUIPMENT WITH OWNER PRIOR TO PULLING CONDUCTORS AND MAKING FINAL CONNECTIONS. LACK OF COORDINATION SHALL NOT JUSTIFY CHANGE ORDERS.
25.	WHERE SUBMITTED EQUIPMENT REQUIRES REVISION TO OVERCURRENT PROTECTION, CONDUIT, AND WIRING, COORDINATE AND MAKE CHANGE TO PROVIDE A COMPLETE INSTALLATION IN ACCORDANCE WITH APPLICABLE CODES.
26.	PRIOR TO SUBMITTING BID, CONTRACTORS AND SUBCONTRACTORS SHALL VISIT SITE AND BECOME THOROUGHLY FAMILIAR WITH EXISTING CONDITIONS AND PROPOSED CONSTRUCTION.
27.	PROVIDE NECESSARY SUPPORTING STRUT CHANNEL AND ALL MISCELLANEOUS HARDWARE FOR MOUNTING ELECTRICAL EQUIPMENT. MAINTAIN NEC WORKING CLEARANCES. COORDINATE EXACT LOCATION IN FIELD. DO NOT MOUNT ON EQUIPMENT ACCESS PANELS OR IN EQUIPMENT MANUFACTURER'S RECOMMENDED MAINTENANCE CLEARANCES.

GENERAL ELECTRICAL DEMOLITION/RENOVATION NOTES (APPLICABLE TO ALL ELECTRICAL AND FIRE ALARM DRAWINGS)	
1.	THE FACILITY WILL NOT REMAIN OCCUPIED DURING RENOVATIONS.
2.	MINIMIZE OUTAGES. COORDINATE OUTAGES WITH OWNER.
3.	PRIOR TO DEMOLITION, FIELD VERIFY CONDUITS, CONDUCTORS, AND CABLES THAT PASS THROUGH AND SERVE AREAS OUTSIDE THE SCOPE OF WORK. MAINTAIN CONTINUITY OF SYSTEMS. PROTECT OR RELOCATE SYSTEMS TO PREVENT DAMAGE. RESTORE SYSTEMS TO NORMAL OPERATION. COORDINATE SYSTEM OUTAGES WITH OWNER.
4.	IDENTIFY NONFUNCTIONING EQUIPMENT AND DEVICES TO REMAIN AFTER DEMOLITION. NOTIFY OWNER IN WRITING PRIOR TO DEMOLITION. UPON COMPLETION OF WORK, ENSURE THAT EXISTING EQUIPMENT AND DEVICES OPERATE PROPERLY.
5.	IN AREAS REQUIRING THE PERFORMANCE OF WORK OF OTHER TRADES, CAREFULLY DISCONNECT, MAKE SAFE, REMOVE AND STORE ELECTRICAL ITEMS IN PATH OF WORK. REINSTALL AND RECONNECT SAME AFTER COMPLETION OF OTHER TRADES' WORK. COORDINATE REMOVAL OF EQUIPMENT WITH OTHER TRADES PRIOR TO DEMOLITION.
6.	AFTER DEMOLITION VERIFY AND SUPPORT REMAINING CABLES, WIRES, AND CONDUIT IN ACCORDANCE WITH THE APPLICABLE VERSION OF THE NEC. DISCONNECT, MAKE SAFE AND REMOVE ABANDONED AND TEMPORARY WIRE WITHIN SPACE.
7.	EXISTING CONDITIONS REFLECT GENERAL OBSERVATIONS AND ARE NOT INTENDED TO INDICATE DETAILS OR DIMENSIONS. NO ATTEMPT HAS BEEN MADE TO SHOW ALL ELECTRICAL EQUIPMENT. VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK. NOTIFY ARCHITECT IN WRITING IF CONDITIONS ARE DISCOVERED THAT PREVENT EXECUTION OF WORK.
8.	PROTECT REMAINING ELECTRICAL SYSTEMS AND COMPONENTS FROM DAMAGE. REMOVE PROTECTIVE MATERIALS UPON COMPLETION OF WORK.
9.	IN AREAS NOTED TO REMOVE ELECTRICAL WORK, REMOVE CONDUITS AND ASSOCIATED SUPPORTS BACK TO POINT OF CONCEALMENT AND REMOVE WIRING BACK TO REMAINING ACTIVE DEVICES OR SOURCE.
10.	DISPOSE OF LIGHTING BALLASTS AND CAPACITORS CONTAINING PCB'S, AS DEFINED BY THE ENVIRONMENTAL PROTECTION AGENCY (EPA), IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, FEDERAL AND EPA REGULATIONS.
11.	PROVIDE OWNER WITH INVENTORY OF MAJOR ELECTRICAL ITEMS TO BE REMOVED. OWNER WILL SELECT ITEMS TO BE SALVAGED. TURN SALVAGED ITEMS OVER TO OWNER. ITEMS REJECTED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR. REMOVE DEMOLISHED ITEMS FROM SITE.
12.	UPDATE PANELBOARD DIRECTORIES TO INCLUDE MODIFICATIONS BY THIS PROJECT. TRACE CIRCUITS TO IDENTIFY UNLABELED LOADS.
13.	REPAIR DISTURBED AREAS TO MATCH EXISTING CONDITIONS.
14.	PROVIDE BLANK COVER PLATES FOR DEVICES REMOVED WHEN A REPLACEMENT DEVICE IS NOT INDICATED.
15.	MAINTAIN CONTINUITY OF CIRCUITS AND FEEDERS REMAINING AFTER DEMOLITION IN PANELS INDICATED TO BE DEMOLISHED OR REPLACED. EXTEND EXISTING CIRCUITS AND FEEDERS REMAINING AFTER DEMOLITION TO NEW PANELS. CIRCUIT BREAKER, CONDUIT, AND WIRE SHALL MATCH EXISTING TYPES AND SIZES.
16.	PRIOR TO SUBMITTING BID, VISIT SITE AND IDENTIFY EXISTING CONDITIONS AND CHALLENGES THAT WILL AFFECT DEMOLITION AND CONSTRUCTION. REPORT DISCREPANCIES TO OWNER DURING BID PROCESS. ADDITIONAL COMPENSATION WILL NOT BE GRANTED FOR WORK CAUSED BY UNFAMILIARITY WITH SITE CONDITIONS.

ELECTRICAL ABBREVIATIONS					
A	AMPERE	GFI	GROUND FAULT INTERRUPTER	NF	NON-FUSED
ACCU	AIR COOLED CONDENSING UNIT	GND	GROUND	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
ACU	AIR CONDITIONING UNIT	GRC	GALVANIZED RIGID STEEL		NON-FUSED SAFETY SWITCH
ADA	AMERICANS WITH DISABILITIES ACT	GW	GROUND WIRE	NFSS	NOT IN CONTRACT
AF	AMPERE FRAME, AMPERE FUSE			NIC	NM
AFCI	ARC FAULT CIRCUIT INTERRUPTER	HD	HEAVY DUTY	NM	NORMALLY OPEN
AFF	ABOVE FINISHED FLOOR	HDPE	HIGH-DENSITY POLYETHYLENE	NO	NOT TO SCALE
AFG	ABOVE FINISHED GRADE	HOA	HAND-OFF-AUTOMATIC	NTS	
AHU	AIR HANDLING UNIT	HP	HORSEPOWER	OC	OVERCURRENT PROTECTION
AIC	AMPERE INTERRUPTING CAPACITY	HPU	HEAT PUMP UNIT	OH	OVERHEAD
AL	ALUMINUM	HV	HIGH VOLTAGE	OHE	OVERHEAD ELECTRIC
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	HVAC	HEATING VENTILATING AIR CONDITIONING	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATING, AND AIR-CONDITIONING ENGINEERS	Hz	HERTZ		
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	IBC	INTERNATIONAL BUILDING CODE	P	POLE(1P, 2P, 3P)
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	ICCB	INSULATED CASE CIRCUIT BREAKER	PA	PUBLIC ADDRESS
ASYM	ASYMMETRICAL	IEBC	INTERNATIONAL EXISTING BUILDING CODE	PEPCO	POTOMAC ELECTRIC POWER COMPANY
AT	AMPERE TRIP	IECC	INTERNATIONAL ENERGY CONSERVATION CODE	PF	POWER FACTOR
ATS	AUTOMATIC TRANSFER SWITCH	IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS	PH	PHASE
AUX	AUXILIARY	IG	ISOLATED GROUND	PIR	PASSIVE INFRARED
AWG	AMERICAN WIRE GAUGE	IGCC	INTERNATIONAL GREEN CONSTRUCTION CODE	PT	POTENTIAL TRANSFORMER
BF	BALLAST FACTOR	IMC	INTERMEDIATE METALLIC CONDUIT	PVC	POLYVINYL CHLORIDE
BGE	BALTIMORE GAS AND ELECTRIC	IN	INCH	QTY	QUANTITY
BOD	BASIS OF DESIGN	IT	INFORMATION TECHNOLOGY	R	RACEWAY
BS	BRANCH SELECTOR	JB	JUNCTION BOX	REC	RECEPTACLE
C	CONDUIT	K	ONE THOUSAND, KELVIN	RELT	REDUCED ELECTRICAL LET THROUGH
CB	CIRCUIT BREAKER	KAIC	THOUSAND AMPERE INTERRUPTING CAPACITY	RGS	RIGID GALVANIZED STEEL
CCT	CORRELATED COLOR TEMPERATURE	KCMIL	THOUSAND CIRCULAR MILS	RLA	RATED LOAD AMPERES
CCTV	CLOSED CIRCUIT TELEVISION	KV	KILOVOLTS	RM	ROOM
CH	CHILLER	KVA	KILOVOLT-AMPERES	RMS	ROOT MEAN SQUARE
CKT	CIRCUIT	KW	KILOWATTS	RNC	RIGID NONMETALLIC CONDUIT
CMS	COMBINATION MOTOR STARTER			RTU	ROOF TOP UNIT
COMM	COMMUNICATION	LC	LOAD CENTER	RX	REMOVE EXISTING
CRI	COLOR RENDERING INDEX	LED	LIGHT EMITTING DIODE	SCTE	SOCIETY OF CABLE TELECOMMUNICATIONS ENGINEERS
CT	CURRENT TRANSFORMER	LF	LINEAR FEET	SE	SERVICE ENTRANCE
CU	COPPER	LFMC	LIQUID TIGHT FLEXIBLE METALLIC CONDUIT	SF	SQUARE FEET
CX	CONNECT TO EXISTING	LFNC	LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT	SN	SOLID NEUTRAL
DOAS	DEDICATED OUTDOOR AIR SYSTEM	LRA	LOCKED ROTOR AMPS	SPD	SURGE PROTECTION DEVICE
DS	DISCONNECT SWITCH	LS	LIMIT SWITCH, LONG TIME-SHORT TIME	SS	SAFETY SWITCH
DWC	DRINKING WATER COOLER	LSI	LONG TIME-SHORT TIME-INSTANTANEOUS	ST	SHUNT TRIP
DWG	DRAWING	LSIG	LONG TIME-SHORT TIME-INSTANTANEOUS GROUND	SW	SWITCH
E	EMERGENCY	LTS	LIGHTS	SWBD	SWITCHBOARD
EBH	ELECTRIC BASEBOARD HEATER	LV	LOW VOLTAGE	SWGR	SWITCHGEAR
EBU	EMERGENCY BATTERY UNIT	MAX	MAXIMUM	SYM	SYMMETRICAL
ECB	ENCLOSED CIRCUIT BREAKER	MC	METAL CLAD, METER CENTER	T	TRANSFORMER
ECM	ELECTRONICALLY COMMUTATED MOTOR	MCA	MINIMUM CIRCUIT AMPACITY	TA	TRIP AMPERES
EF	EXHAUST FAN	MCB	MAIN CIRCUIT BREAKER	TECH	TECHNOLOGY
EMT	ELECTRICAL METALLIC TUBING	MCC	MOTOR CONTROL CENTER	TGB	TELECOMMUNICATIONS GROUND BAR
ENCL	ENCLOSURE	MCCB	MOLDED CASE CIRCUIT BREAKER	THD	TOTAL HARMONIC DISTORTION
ENT	ELECTRICAL NONMETALLIC TUBING	MCP	MOTOR CIRCUIT PROTECTOR	THA	TELECOMMUNICATIONS INDUSTRY ASSOCIATION
EQUIP	EQUIPMENT	MDP	MAIN DISTRIBUTION PANEL	TMGB	TELECOMMUNICATIONS GROUND BAR
ETR	EXISTING TO REMAIN	MGB	MAIN GROUND BAR	TTB	TELEPHONE TERMINAL BOARD
EWH	ELECTRIC WATER HEATER	MH	MANHOLE, METAL HALIDE, MOUNTING HEIGHT	TV	TELEVISION
EX	EXISTING	MIN	MINIMUM	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
F	FUSED, FUSIBLE, FAHRENHEIT	MLO	MAIN LUGS ONLY	TYP	TYPICAL
FA	FIRE ALARM	MMS	MANUAL MOTOR STARTER	UG	UNDERGROUND
FAAP	FIRE ALARM ANNUNCIATOR PANEL	MOC	MAXIMUM OVERCURRENT PROTECTION	UGE	UNDERGROUND ELECTRIC
FACP	FIRE ALARM CONTROL PANEL	MOD	MOTOR OPERATED DAMPER	UH	UNIT HEATER
FCU	FAN COIL UNIT	MTD	MOUNTED	UL	UNDERWRITERS LABORATORY
FDR	FEEDER	MV	MEDIUM VOLTAGE	UON	UNLESS OTHERWISE NOTED
FLA	FULL LOAD AMPERAGE	N	NEUTRAL	UTP	UNSHIELDED TWISTED PAIR
FMC	FLEXIBLE METAL CONDUIT	NAC	NOTIFICATION APPLIANCE CIRCUIT	V	VOLTS
FP	FAN POWERED, FIRE PUMP	NC	NORMALLY CLOSED	VA	VOLT-AMPERES
FSS	FUSED SAFETY SWITCH	NEC	NATIONAL ELECTRICAL CODE	VFD	VARIABLE FREQUENCY DRIVE
FT	FEET	NECA	NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION	VRF	VARIABLE REFRIGERANT FLOW
FVNR	FULL VOLTAGE NON-REVERSING	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION	VSD	VARIABLE SPEED DRIVE
G	GROUND			W	WIRE, WATTS
GB	GROUND BAR			W	WITH
GD	GENERAL DUTY			WP	WEATHERPROOF
GEC	GROUNDING ELECTRODE CONDUCTOR			WR	WEATHER RESISTANT
GFCI	GROUND FAULT CIRCUIT INTERRUPTER			XFMR	TRANSFORMER
GFEI	GROUND FAULT EQUIPMENT PROTECTOR			Y	WYE



APPROVED BY CITY OF ROCKVILLE, MD

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Key Plan

No.	Revision	Date
1	ADDENDUM 1	3/31/2022

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

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Seal: [Professional Engineer Seal]
Phase: IFB #08-22
Project No.: 0219.331.004
Date: 12/23/2021

Drawing Title
ELECTRICAL NOTES AND ABBREVIATIONS

Drawing No.
E002



1 FIRST FLOOR PLAN - ELECTRICAL - DEMOLITION
ED101 1/8" = 1'-0"

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY DASHED HEAVY LINEWEIGHT (---) INDICATES EXISTING WORK TO BE REMOVED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (—) INDICATES EXISTING ITEMS TO REMAIN.
- INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

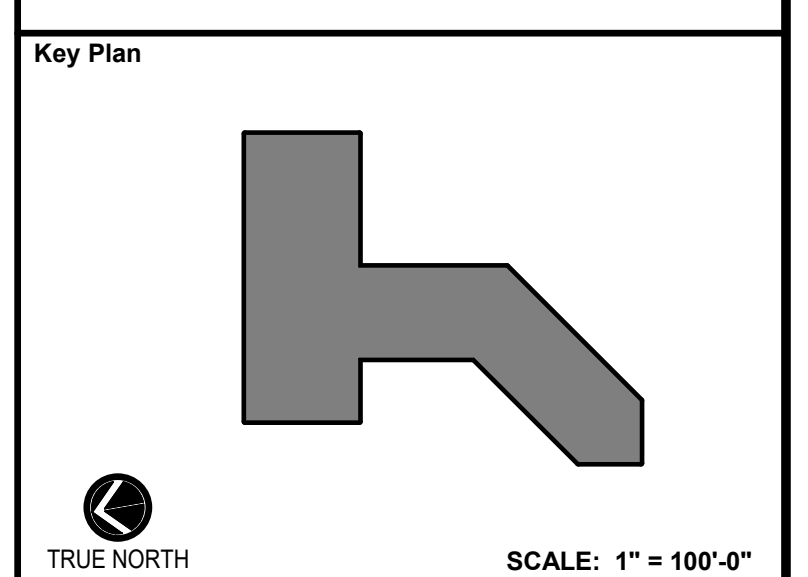
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT. MAINTAIN ALL EXISTING CONDUIT AND WIRING PASSING THROUGH AND SERVING THIS AREA. COORDINATE OUTAGES IN ADVANCE WITH OWNER.
- REMOVE LUMINAIRE AND RETAIN BRANCH CIRCUIT FOR REUSE ON NEW WORK DRAWING E101.
- REMOVE ALL EXISTING ELECTRICAL WORK IN THIS AREA.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
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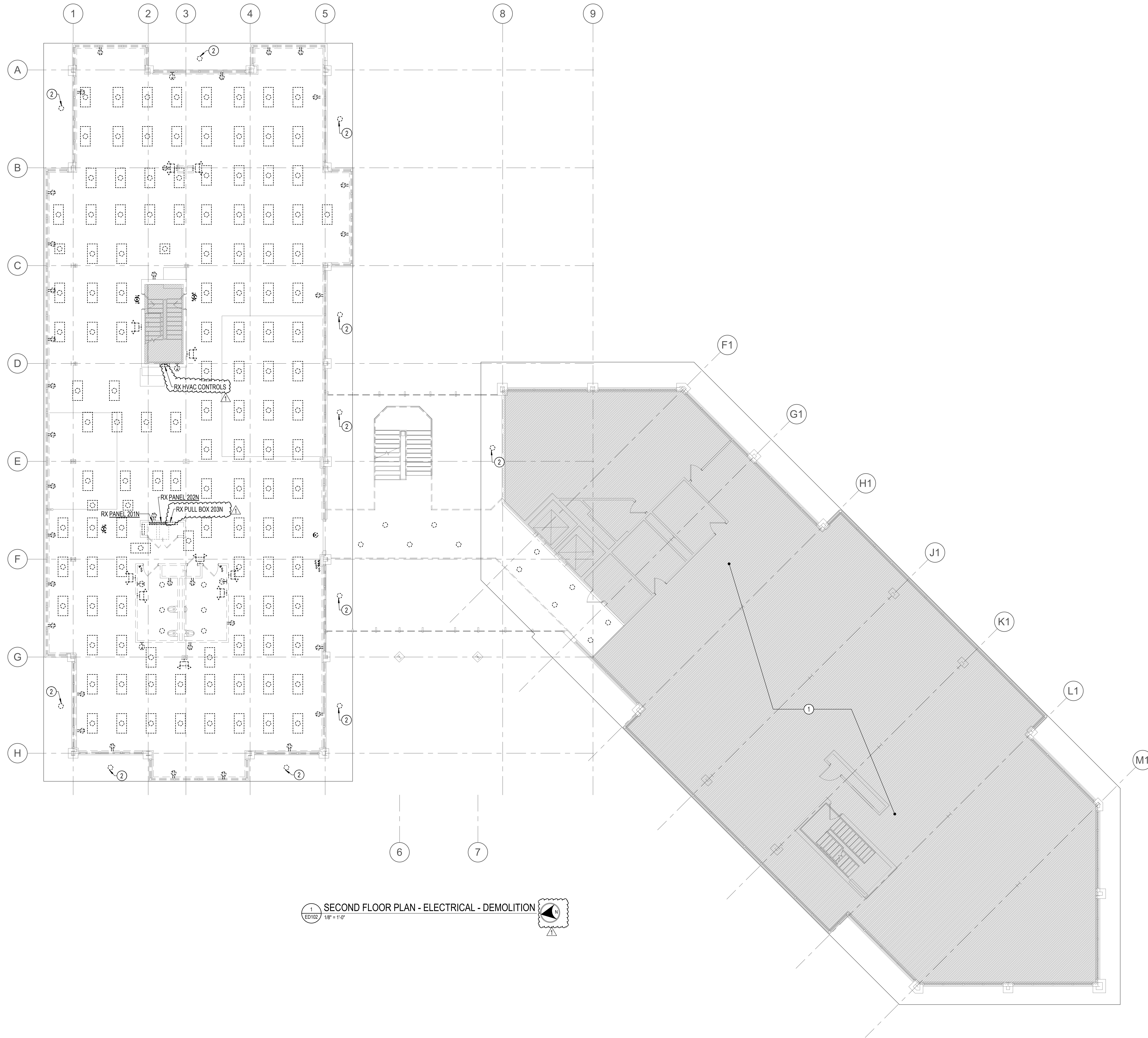
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Seal
STATE OF MARYLAND
PROFESSIONAL ENGINEER
12/23/2021

Phase
IFB #08-22
Project No.
0219.331.004
Date
12/23/2021

Drawing Title
FIRST FLOOR PLAN -
ELECTRICAL - DEMOLITION

Drawing No.
ED101



1 SECOND FLOOR PLAN - ELECTRICAL - DEMOLITION
ED102 1/8" = 1'-0"

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY DASHED HEAVY LINEWEIGHT (---) INDICATES EXISTING WORK TO BE REMOVED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (—) INDICATES EXISTING ITEMS TO REMAIN.
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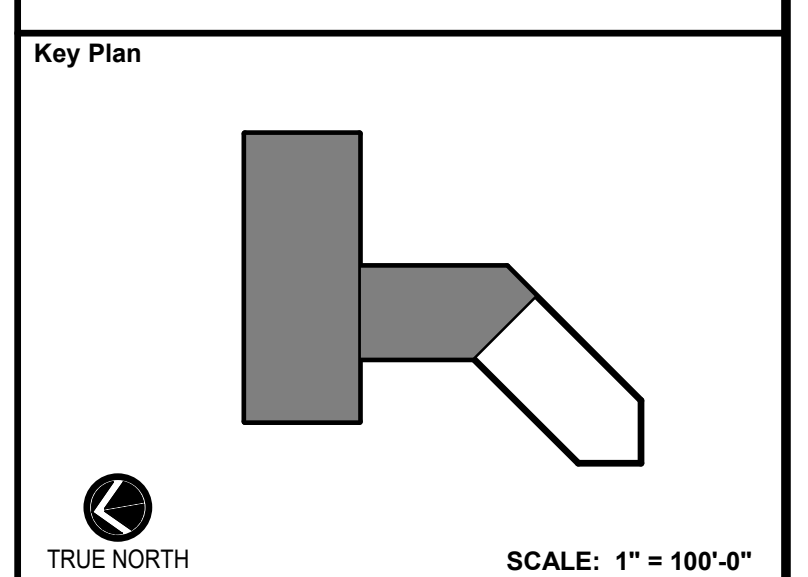
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT. MAINTAIN ALL EXISTING CONDUIT AND WIRING PASSING THROUGH AND SERVING THIS AREA. COORDINATE OUTAGES IN ADVANCE WITH OWNER.
- REMOVE LUMINAIRE AND RETAIN BRANCH CIRCUIT FOR REUSE ON NEW WORK DRAWING E102.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
SERVICES DIVISION ARE REQUIRED FOR ON-SITE
CONSTRUCTION



No.	Revision	Date
1	ADDENDUM 1	3/31/2022

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

DELTA
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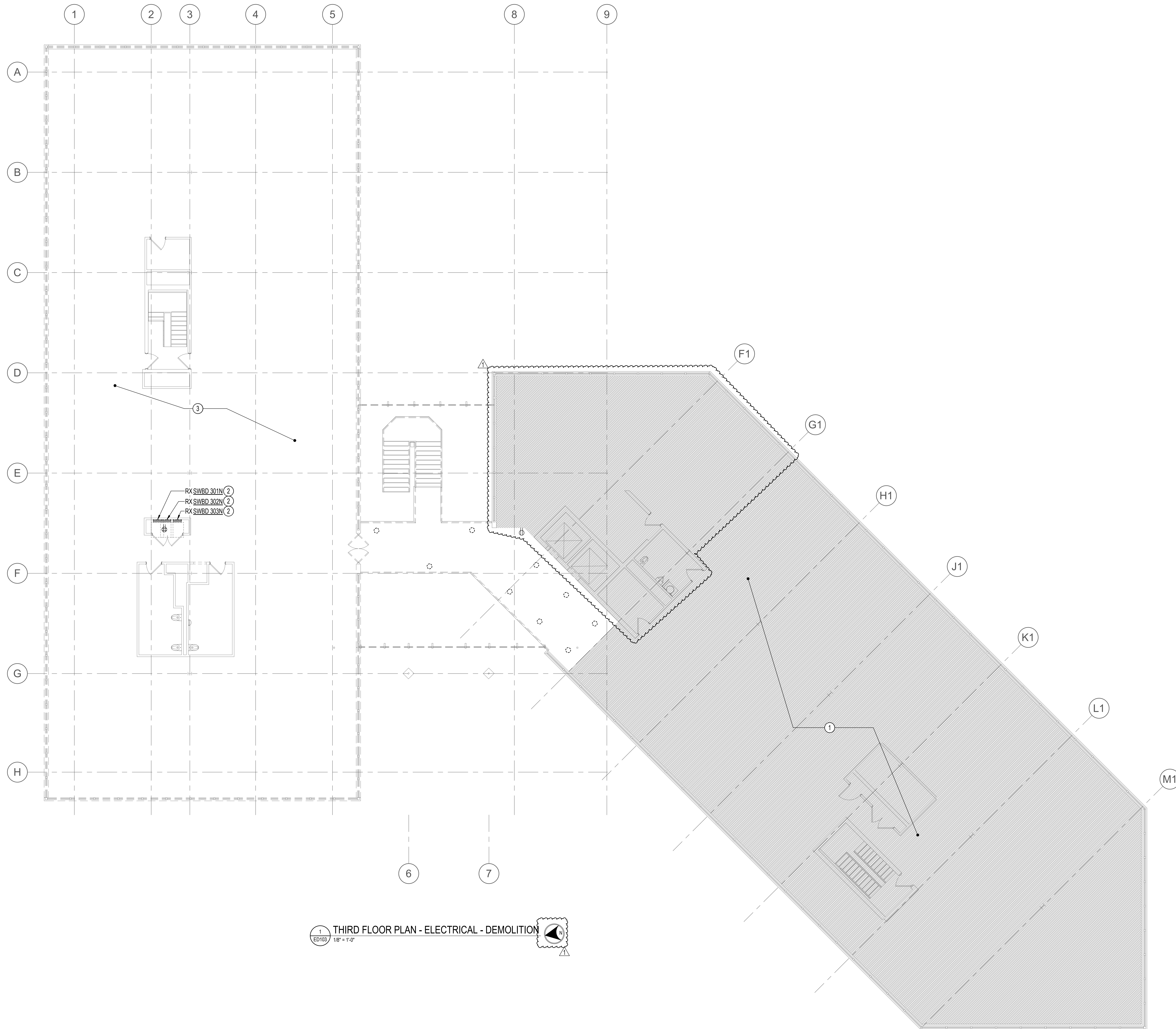
Seal
STATE OF MARYLAND
ROCKVILLE
PROFESSIONAL ENGINEER
12/23/2021

Phase
IFB #08-22
Project No.
0219.331.004
Date
12/23/2021

Drawing Title
SECOND FLOOR PLAN -
ELECTRICAL - DEMOLITION

Drawing No.
ED102





1 THIRD FLOOR PLAN - ELECTRICAL - DEMOLITION
ED103 1/8" = 1'-0"

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

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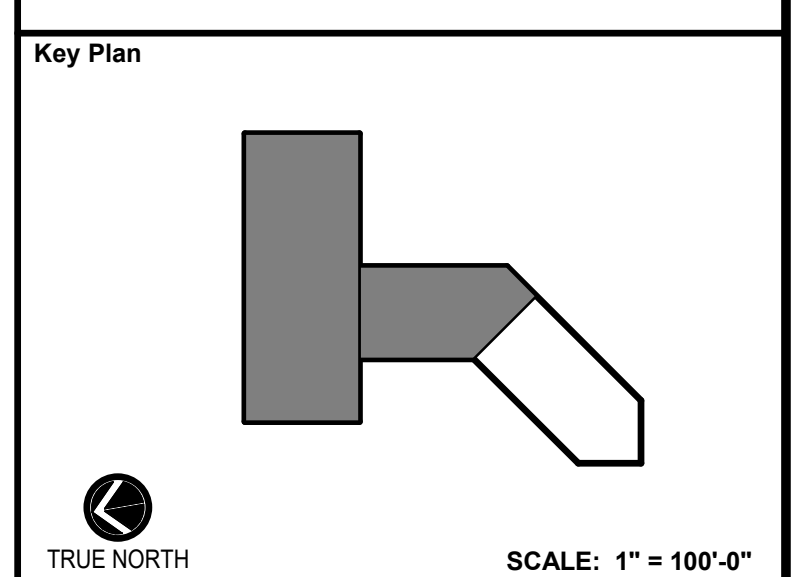
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT. MAINTAIN ALL EXISTING CONDUIT AND WIRING PASSING THROUGH AND SERVING THIS AREA. COORDINATE OUTAGES IN ADVANCE WITH OWNER.
- DISCONNECT AND REMOVE ALL ABANDONED AND INACTIVE CIRCUITS CONNECTED TO THIS PANEL. IF THERE ARE ANY CIRCUITS WHICH ARE ACTIVE AND IN USE, EXTEND AND RECONNECT EXISTING CIRCUIT TO A NEW PANELBOARD. EXISTING LIGHTING CIRCUITS SHALL BE RECONNECTED TO NEW PANEL LP2N. EXISTING RECEPTACLE CIRCUITS SHALL BE RECONNECTED TO NEW PANEL RP3N. EXISTING MECHANICAL CIRCUITS SHALL BE RECONNECTED TO NEW PANEL MP3N.
- EXISTING ELECTRICAL DEVICES, EQUIPMENT, WIRING, CONDUIT, ETC. SHALL REMAIN. EXISTING CIRCUITS SERVING THESE LOADS SHALL BE DISCONNECTED FROM EXISTING PANELBOARDS AND EXTENDED TO NEW PANELBOARDS.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
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No.	Revision	Date
1	ADDENDUM 1	3/31/2022

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
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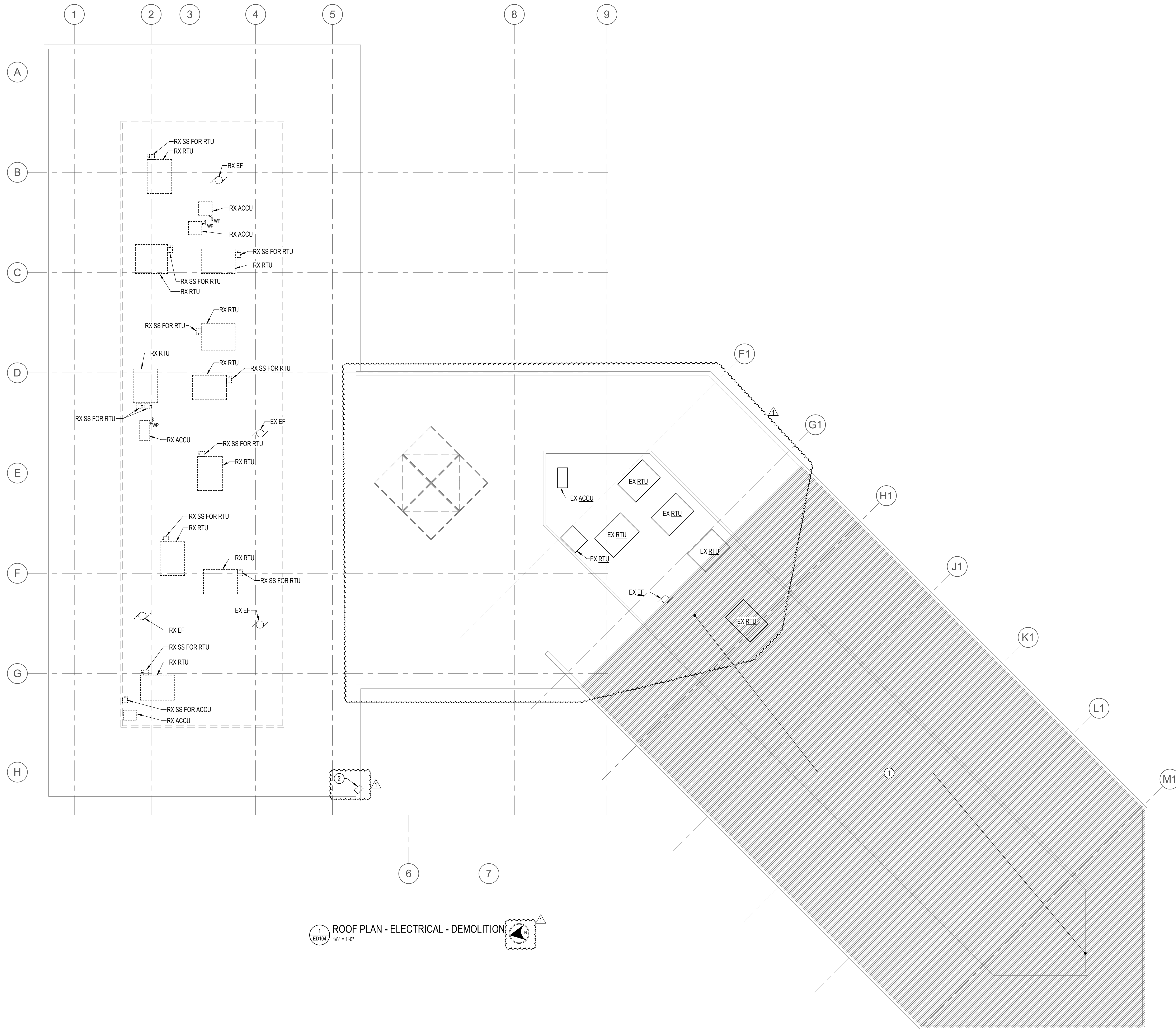
Seal

 Phase IFB #08-22
 Project No. 0219.331.004
 Date 12/23/2021

Drawing Title
THIRD FLOOR PLAN -
ELECTRICAL - DEMOLITION

Drawing No.
ED103





1 ROOF PLAN - ELECTRICAL - DEMOLITION
 ED104 1/8" = 1'-0"

DRAWING NOTES:
 (APPLICABLE TO THIS DRAWING ONLY)

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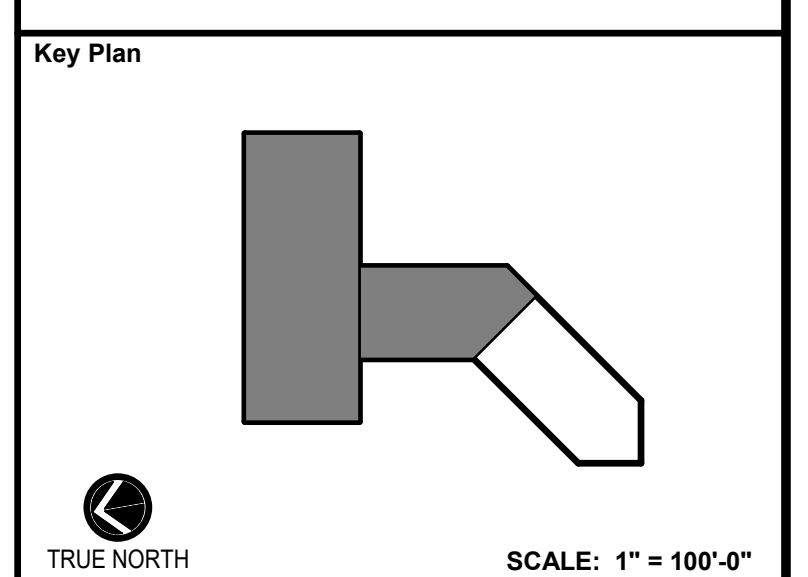
SPECIAL NOTES:
 (APPLICABLE TO THIS DRAWING ONLY)

- EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT. MAINTAIN ALL EXISTING CONDUIT AND WIRING PASSING THROUGH AND SERVING THIS AREA. COORDINATE OUTAGES IN ADVANCE WITH OWNER.
- REUSE EXISTING CONDUIT ROUTING AND ROOF PENETRATION LOCATION. REFER TO E103 FOR MORE INFORMATION.



APPROVED BY CITY OF ROCKVILLE, MD

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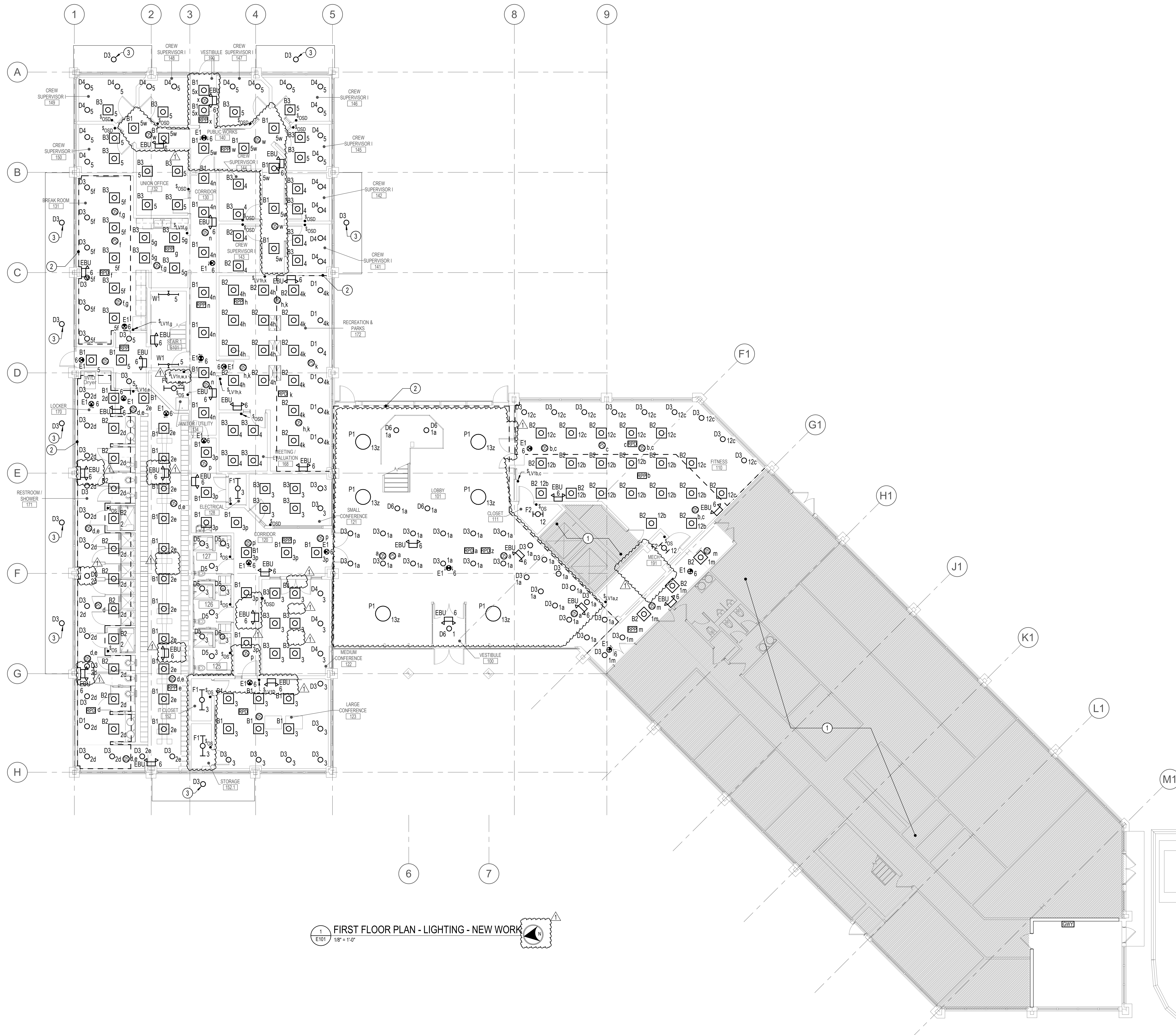
Seal

 Phase IFB #08-22
 Project No. 0219.331.004
 Date 12/23/2021

Drawing Title
 ROOF PLAN - ELECTRICAL -
 DEMOLITION

Drawing No.
ED104





1 FIRST FLOOR PLAN - LIGHTING - NEW WORK
 E101 1/8" = 1'-0"

DRAWING NOTES:
 (APPLICABLE TO THIS DRAWING ONLY)

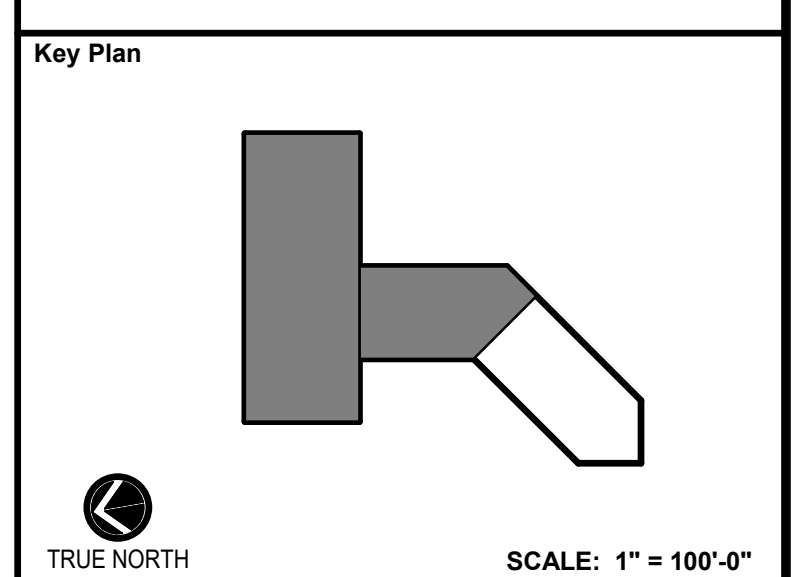
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- UNLESS OTHERWISE NOTED, ALL LIGHTING ON THIS SHEET SHALL BE FED FROM PANEL LE2N.
- CONNECT EMERGENCY LIGHTING AND EXIT LIGHTING TO UNSWITCHED HOT LEG FOR BATTERY CHARGING AND TO SENSE WHEN NORMAL POWER IS LOST.

SPECIAL NOTES:
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- EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT. MAINTAIN ALL EXISTING CONDUIT AND WIRING PASSING THROUGH AND SERVING THIS AREA. COORDINATE OUTAGES IN ADVANCE WITH OWNER.
- DIM ALL LUMINAIRES WITHIN DAYLIGHT ZONE BASED UPON NATURAL LIGHT AVAILABLE TO MAINTAIN 50 FOOTCANDLES ON WORK SURFACE OR FLOOR.
- RECONNECT TO EXISTING BRANCH CIRCUIT PREVIOUSLY SERVING SOFFIT LIGHTING.



APPROVED BY CITY OF ROCKVILLE, MD
 DIRECTOR OF PUBLIC WORKS DATE
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 CONSTRUCTION



No.	Revision	Date
1	ADDENDUM 1	3/31/2022

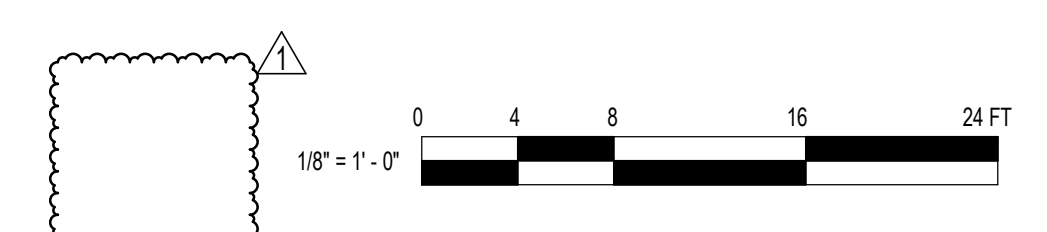
Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
 ROCKVILLE MARYLAND

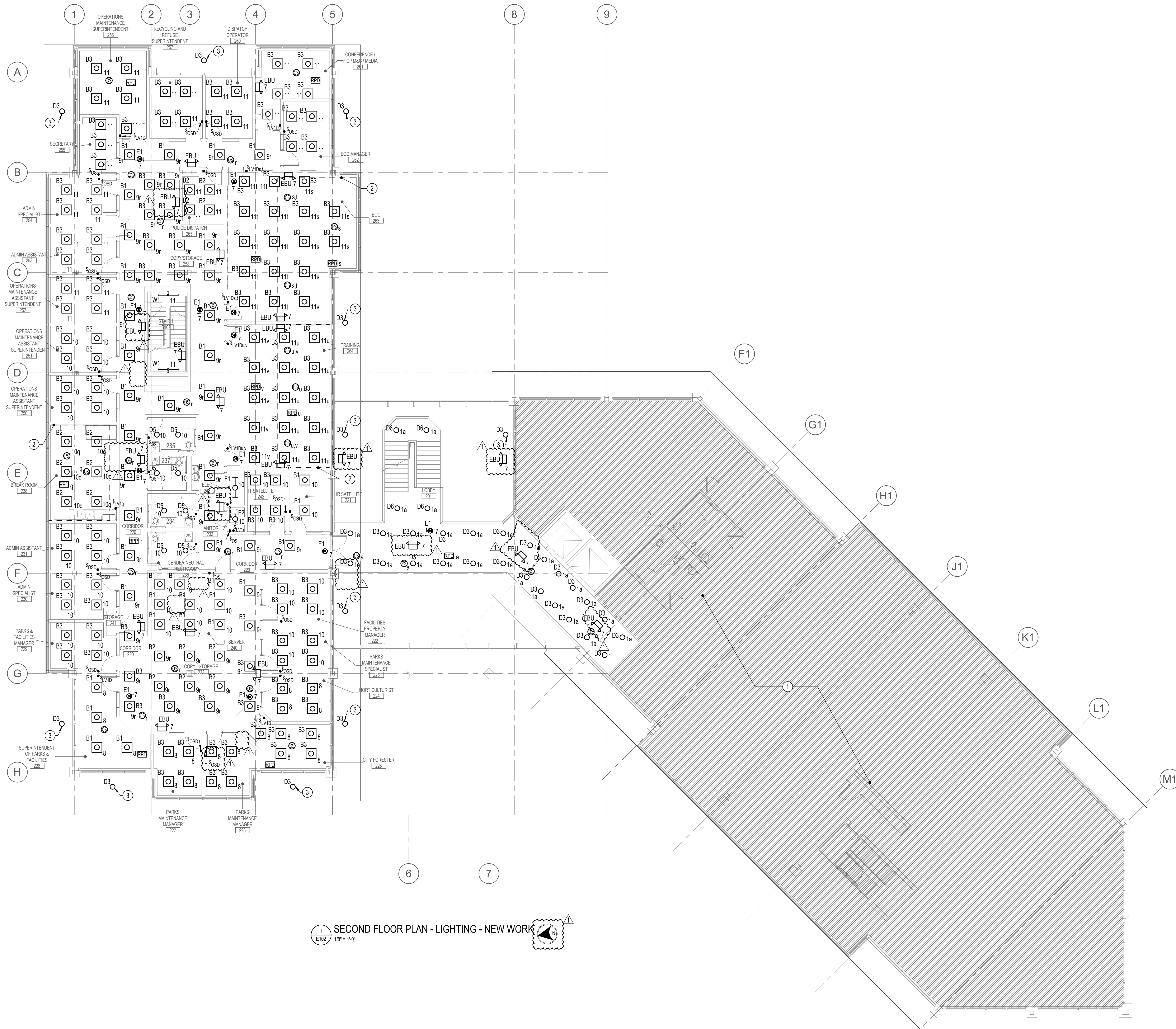
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 Phase IFB #08-22
 Project No. 0219.331.004
 Date 12/23/2021

Drawing Title
**FIRST FLOOR PLAN -
 LIGHTING - NEW WORK**

Drawing No.
E101





1 SECOND FLOOR PLAN - LIGHTING - NEW WORK
1/8" = 1'-0"

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

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- UNLESS OTHERWISE NOTED, ALL LIGHTING ON THIS SHEET SHALL BE FED FROM PANEL L22N.
- CONNECT EMERGENCY LIGHTING AND EXIT LIGHTING TO UNSWITCHED HOT LEG FOR BATTERY CHARGING AND TO SENSE WHEN NORMAL POWER IS LOST.

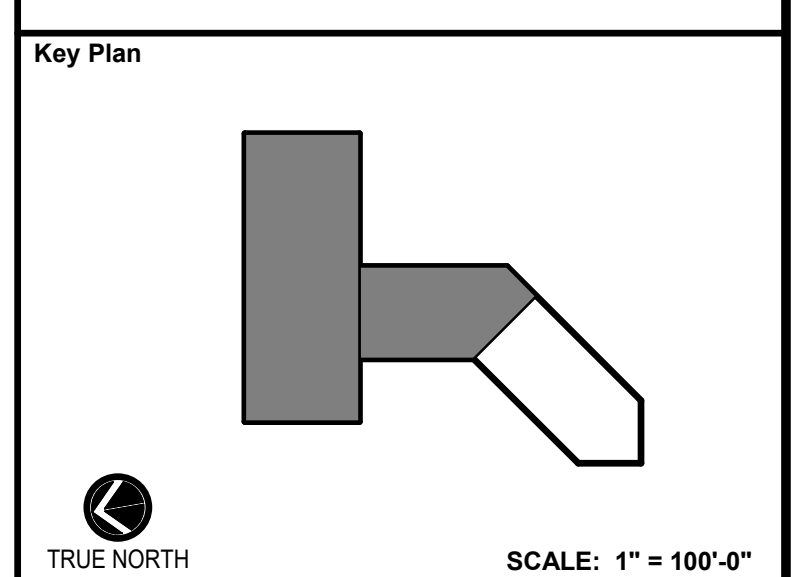
SPECIAL NOTES:
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- DIM ALL LUMINAIRES WITHIN DAYLIGHT ZONE BASED UPON NATURAL LIGHT AVAILABLE TO MAINTAIN 50 FOOTCANDLES ON WORK SURFACE.
- RECONNECT TO EXISTING BRANCH CIRCUIT PREVIOUSLY SERVING SOFFIT LIGHTING.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
SERVICES DIVISION ARE REQUIRED FOR ON-SITE
CONSTRUCTION



No.	Revision	Date
1	ADDENDUM 1	3/31/2022

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

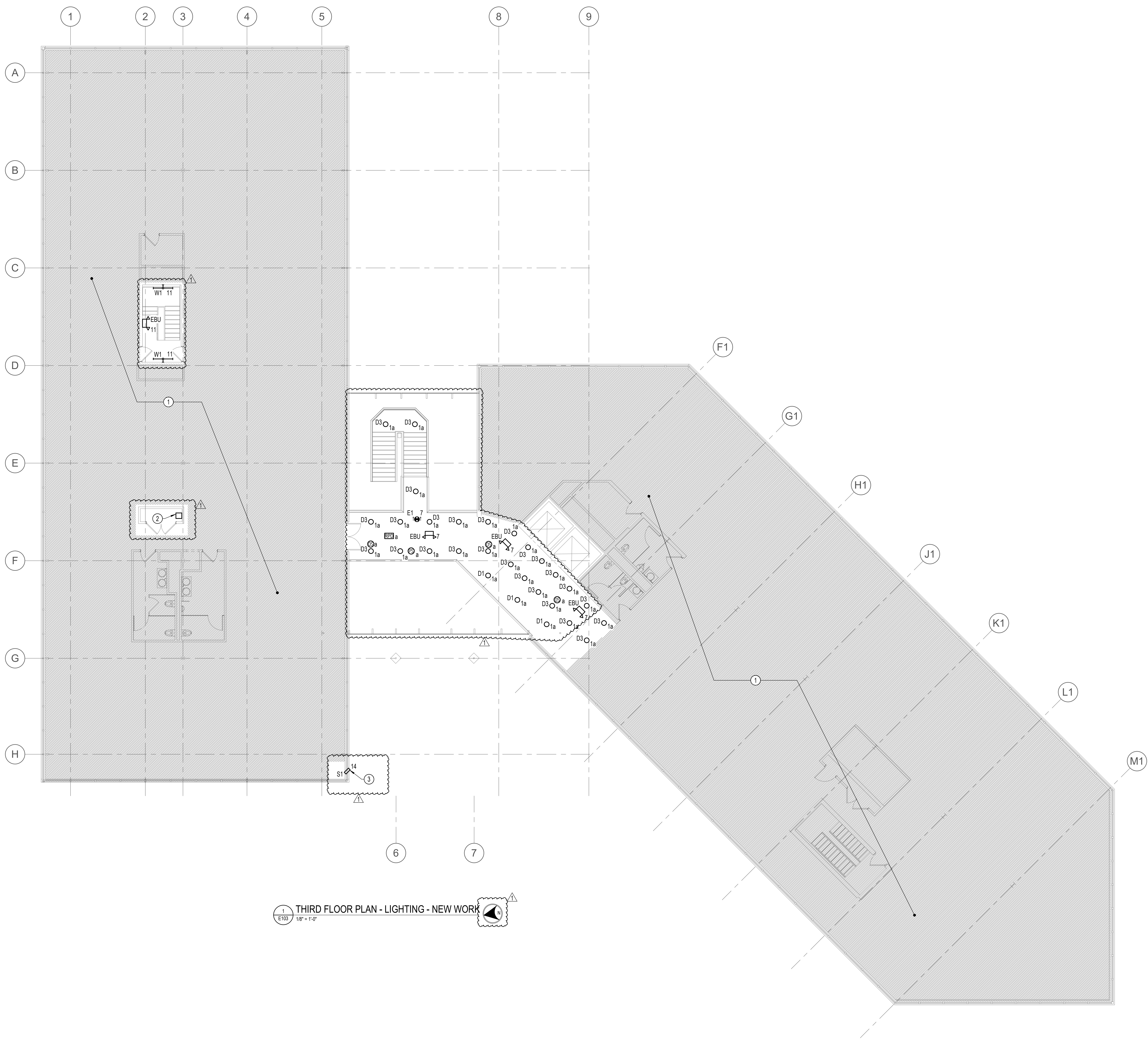
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	Phase IFB #08-22
	Project No. 0219.331.004
Date 12/23/2021	

Drawing Title
SECOND FLOOR PLAN -
LIGHTING - NEW WORK

Drawing No.
E102





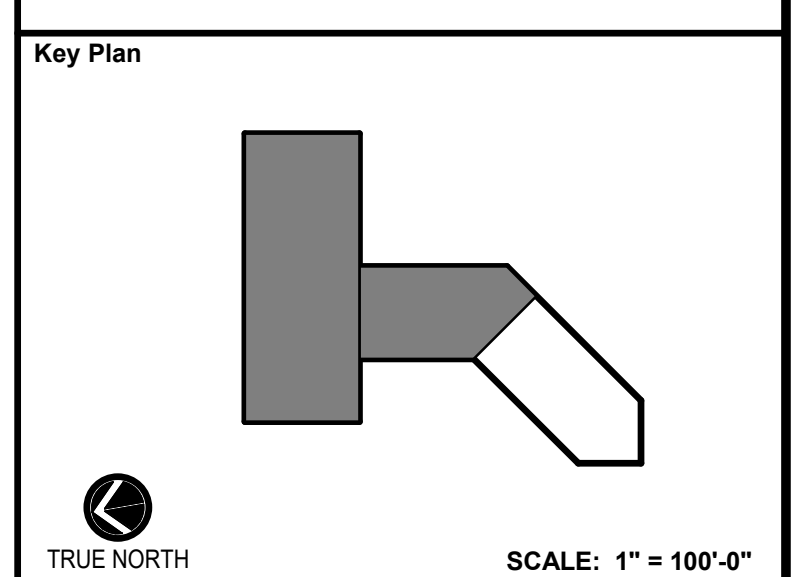
1 THIRD FLOOR PLAN - LIGHTING - NEW WORK
E103 1/8" = 1'-0"

- DRAWING NOTES:**
(APPLICABLE TO THIS DRAWING ONLY)
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 - UNLESS OTHERWISE NOTED, ALL LIGHTING ON THIS SHEET SHALL BE FED FROM PANEL LE2N.
 - CONNECT EMERGENCY LIGHTING AND EXIT LIGHTING TO UNSWITCHED HOT LEG FOR BATTERY CHARGING AND TO SENSE WHEN NORMAL POWER IS LOST.
- SPECIAL NOTES:**
(APPLICABLE TO THIS DRAWING ONLY)
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 - (12) REMOTE DRIVERS FOR P1 PENDANT FIXTURES IN LOBBY 101. COORDINATE EXACT LOCATION IN FIELD.
 - LUMINAIRE MOUNTED ON ROOF PARAPET WALL TO MATCH EXISTING. MATCH EXISTING CONDUIT ROUTING AND ROOF PENETRATION LOCATION. CONNECT TO PANEL AS INDICATED.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION SERVICES DIVISION ARE REQUIRED FOR ON-SITE CONSTRUCTION



No.	Revision	Date
1	ADDENDUM 1	3/31/2022

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

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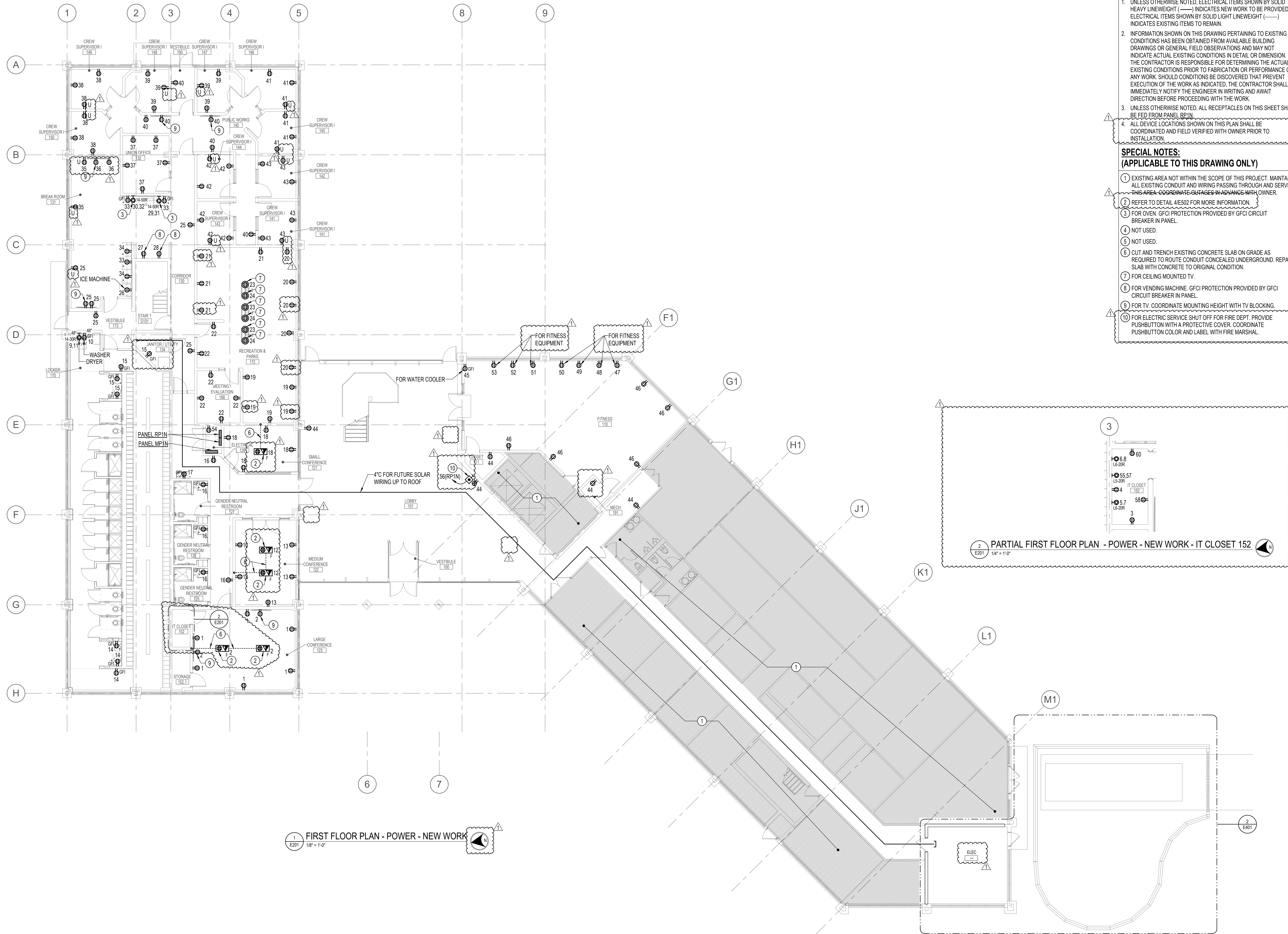
Seal

Phase IFB #08-22
Project No. 0219.331.004
Date 12/23/2021

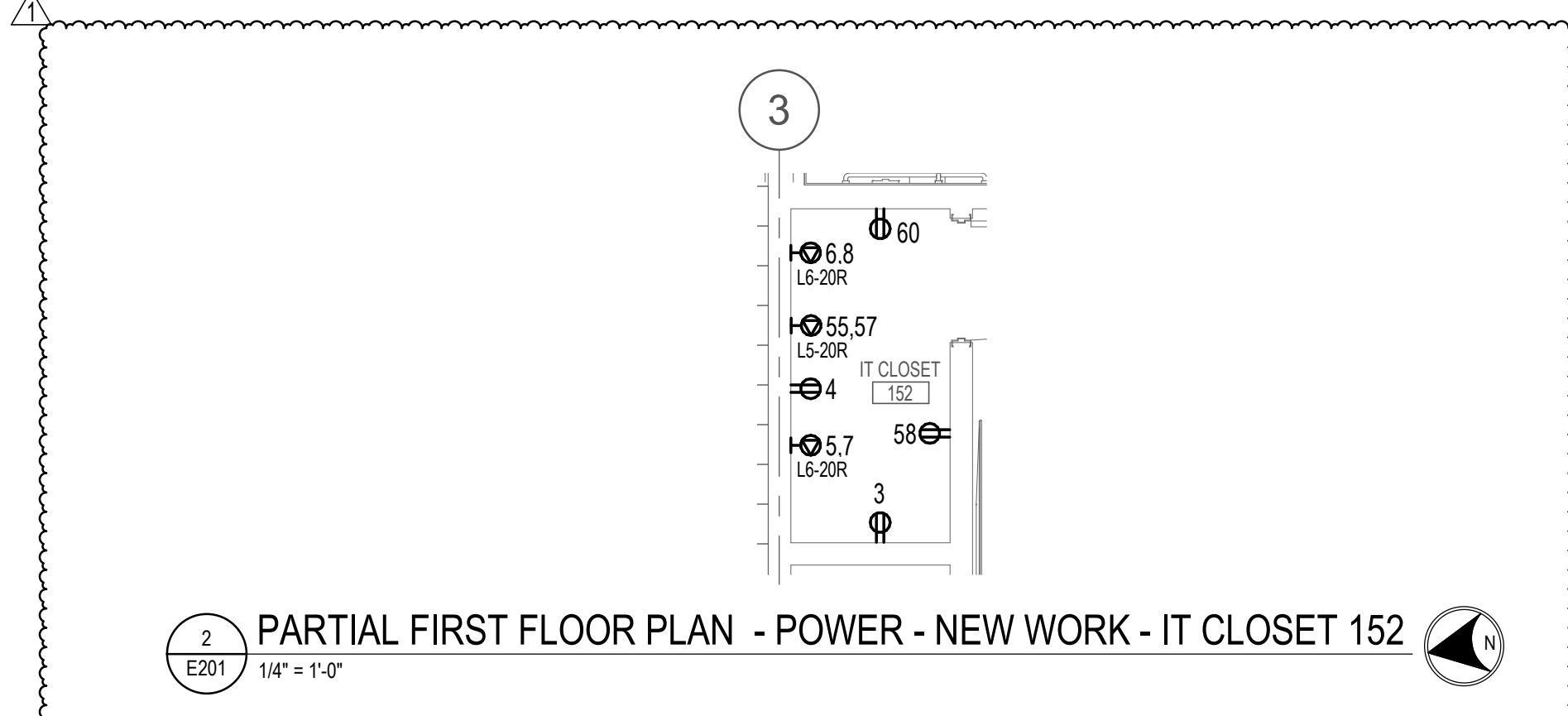
Drawing Title
THIRD FLOOR PLAN -
LIGHTING - NEW WORK

Drawing No.
E103





1 FIRST FLOOR PLAN - POWER - NEW WORK
E201 1/8" = 1'-0"



DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (—) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (——) INDICATES EXISTING ITEMS TO REMAIN.
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- UNLESS OTHERWISE NOTED, ALL RECEPTACLES ON THIS SHEET SHALL BE FED FROM PANEL RPIN.
- ALL DEVICE LOCATIONS SHOWN ON THIS PLAN SHALL BE COORDINATED AND FIELD VERIFIED WITH OWNER PRIOR TO INSTALLATION.

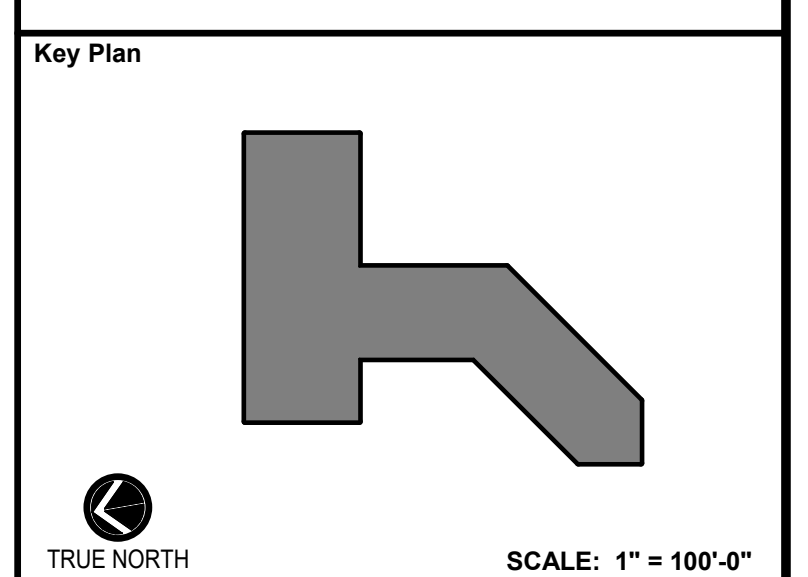
SPECIAL NOTES:
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- REFER TO DETAIL 4/E502 FOR MORE INFORMATION.
- FOR OVERHEAD GFCI PROTECTION PROVIDED BY GFCI CIRCUIT BREAKER IN PANEL.
- NOT USED.
- NOT USED.
- CUT AND TRENCH EXISTING CONCRETE SLAB ON GRADE AS REQUIRED TO ROUTE CONDUIT CONCEALED UNDERGROUND. REPAIR SLAB WITH CONCRETE TO ORIGINAL CONDITION.
- FOR CEILING MOUNTED TV.
- FOR VENDING MACHINE. GFCI PROTECTION PROVIDED BY GFCI CIRCUIT BREAKER IN PANEL.
- FOR TV. COORDINATE MOUNTING HEIGHT WITH TV BLOCKING.
- FOR ELECTRIC SERVICE SHUT OFF FOR FIRE DEPT. PROVIDE PUSHBUTTON WITH A PROTECTIVE COVER. COORDINATE PUSHBUTTON COLOR AND LABEL WITH FIRE MARSHAL.



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DIRECTOR OF PUBLIC WORKS DATE
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SERVICES DIVISION ARE REQUIRED FOR ON-SITE
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ADDENDUM 1		
No.	Revision	Date
1		3/31/2022

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

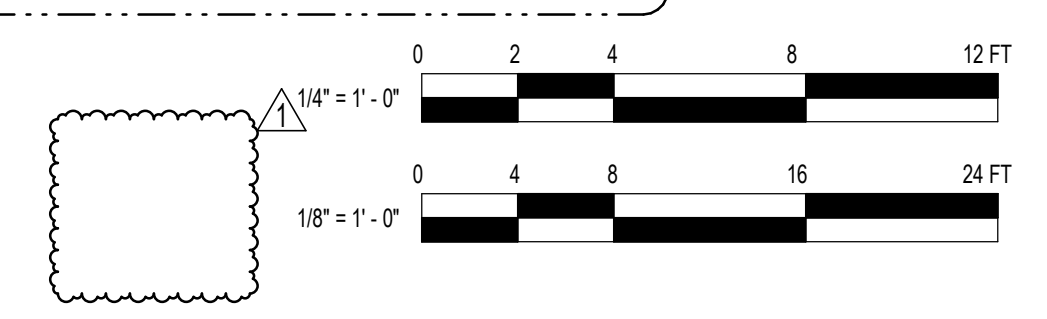
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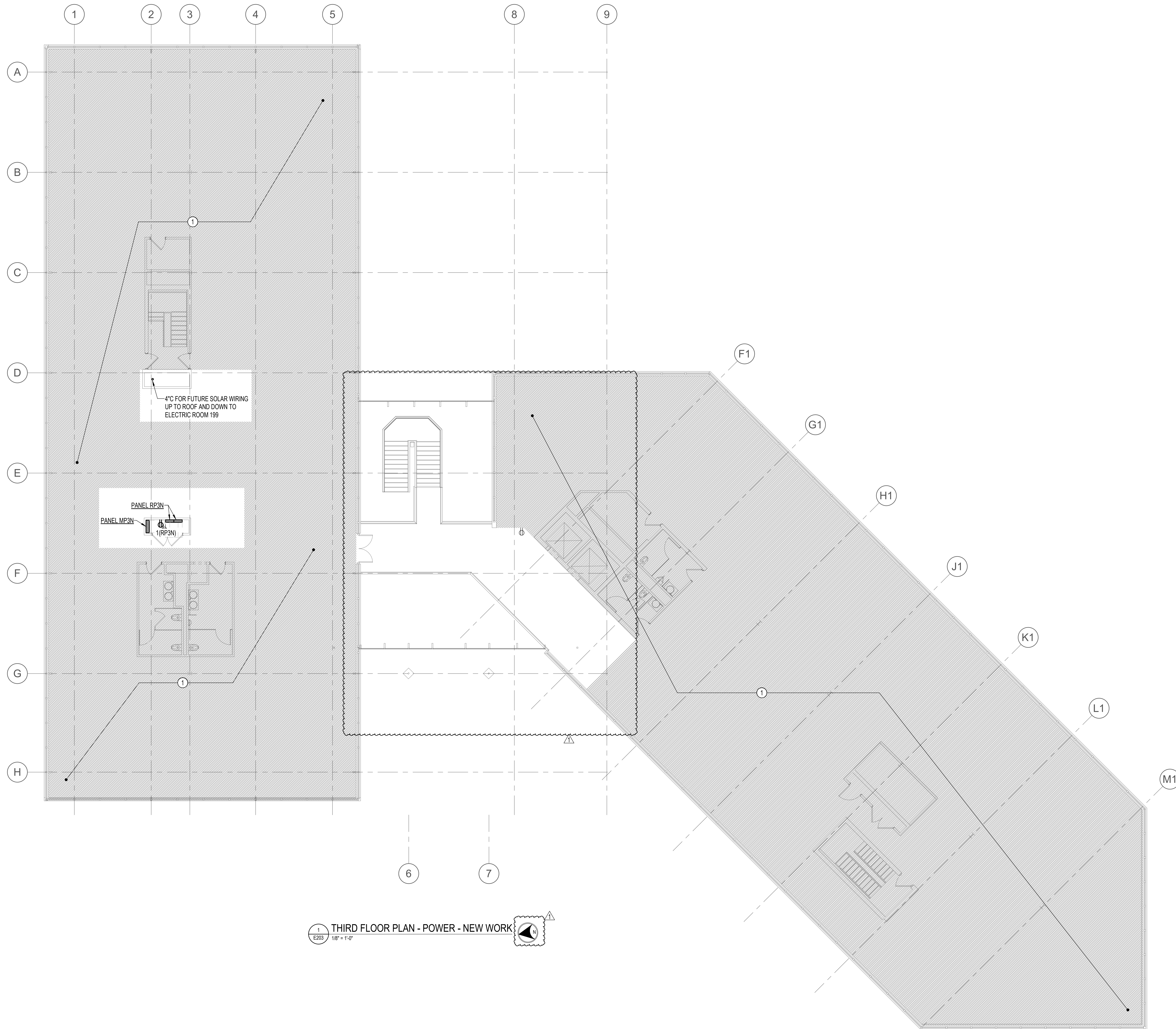
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 Phase IFB #08-22
 Project No. 0219.331.004
 Date 12/23/2021

Drawing Title
FIRST FLOOR PLAN - POWER - NEW WORK

Drawing No.
E201





1 THIRD FLOOR PLAN - POWER - NEW WORK
 E203 1/8" = 1'-0"

DRAWING NOTES:
 (APPLICABLE TO THIS DRAWING ONLY)

- UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (—) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (---) INDICATES EXISTING ITEMS TO REMAIN.
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- UNLESS OTHERWISE NOTED, ALL RECEPTACLES ON THIS SHEET SHALL BE FED FROM PANEL RP3N.
- ALL DEVICE LOCATIONS SHOWN ON THIS PLAN SHALL BE COORDINATED AND FIELD VERIFIED WITH OWNER PRIOR TO INSTALLATION.

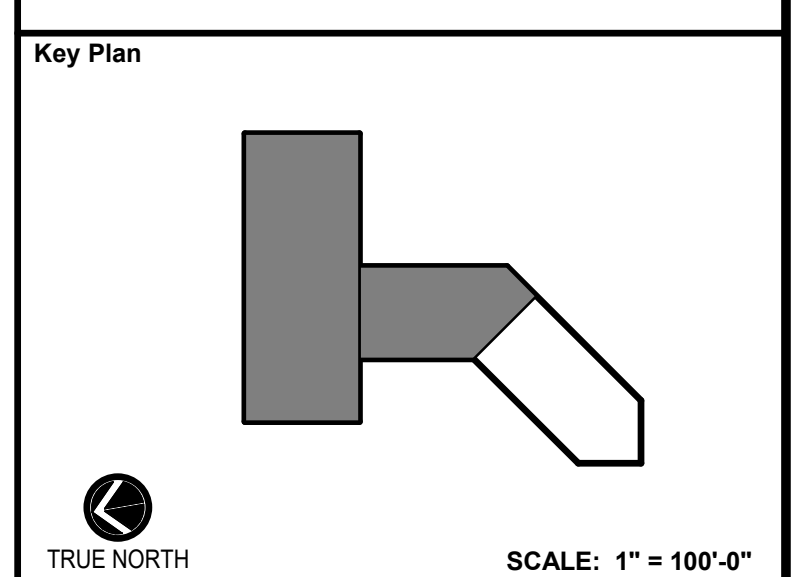
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No.	Revision	Date
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Project Name
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Phase
 IFB #08-22

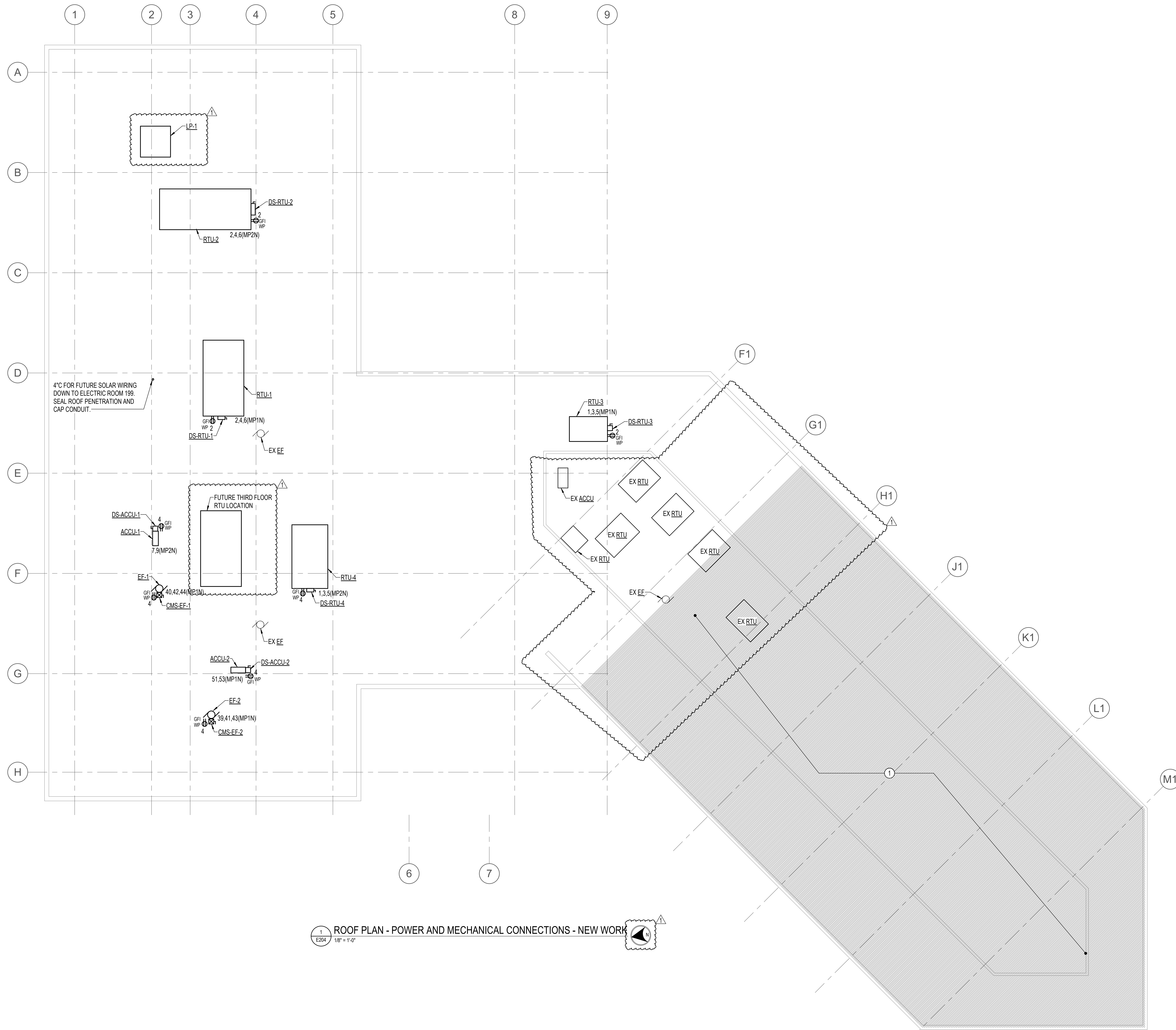
Project No.
 0219.331.004

Date
 12/23/2021

Drawing Title
 THIRD FLOOR PLAN - POWER
 - NEW WORK

Drawing No.
E203





1 ROOF PLAN - POWER AND MECHANICAL CONNECTIONS - NEW WORK
 E204 1/8" = 1'-0"

DRAWING NOTES:
 (APPLICABLE TO THIS DRAWING ONLY)

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- UNLESS OTHERWISE NOTED, ALL RECEPTACLES ON THIS SHEET SHALL BE FED FROM PANEL RE3N.

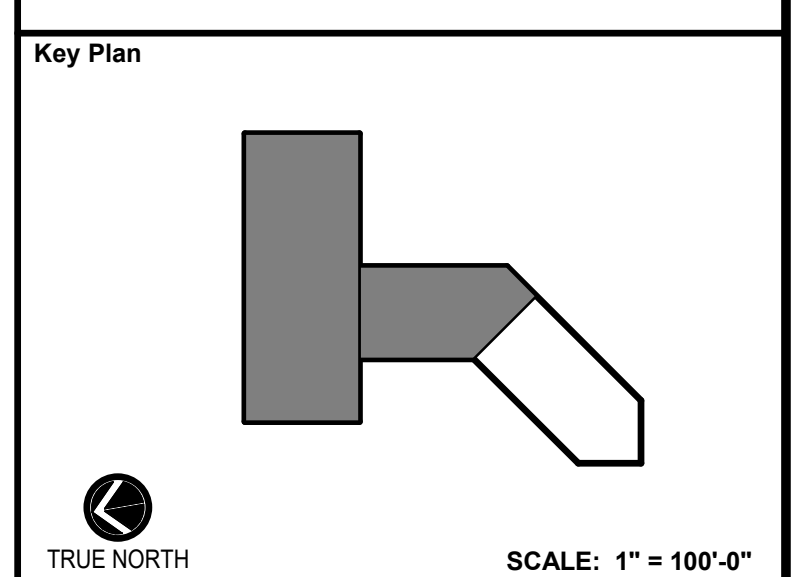
SPECIAL NOTES:
 (APPLICABLE TO THIS DRAWING ONLY)

- EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT. MAINTAIN ALL EXISTING CONDUIT AND WIRING PASSING THROUGH AND SERVING THIS AREA. COORDINATE OUTAGES IN ADVANCE WITH OWNER.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
 SEPARATE BUILDING PERMIT(S) FROM INSPECTION
 SERVICES DIVISION ARE REQUIRED FOR ON-SITE
 CONSTRUCTION



No.	Revision	Date
1	ADDENDUM 1	3/31/2022

Project Name
 CITY OF ROCKVILLE
 6 TAFT COURT RENOVATION
 PHASE 1
 ROCKVILLE MARYLAND

DELTA
 ENGINEERS, ARCHITECTS, & SURVEYORS
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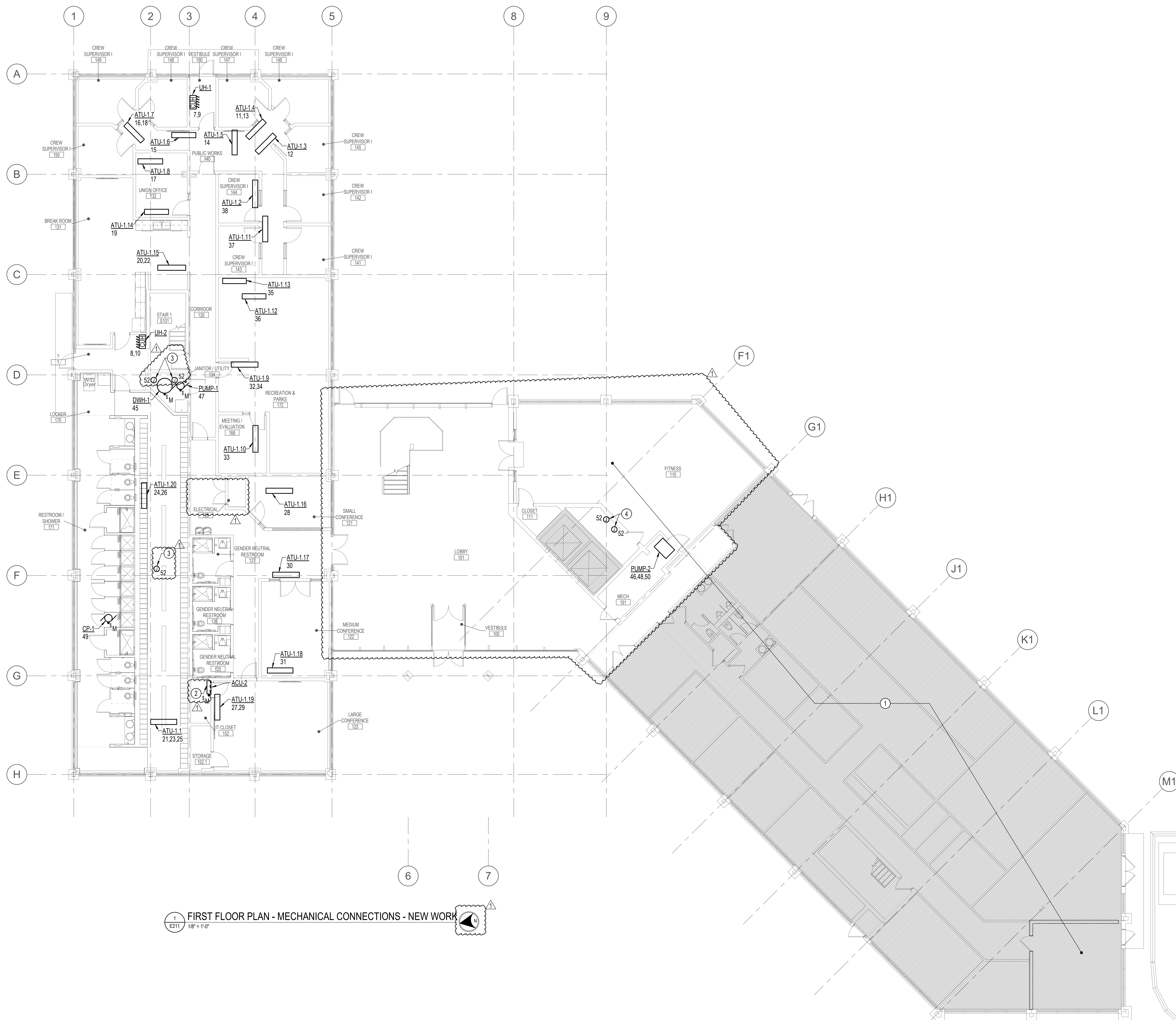
Seal

Phase
 IFB #08-22
 Project No.
 0219.331.004
 Date
 12/23/2021

Drawing Title
 ROOF PLAN - PWR AND MECH
 CONNECTIONS- NEW WORK

Drawing No.
E204





DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (—) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (---) INDICATES EXISTING ITEMS TO REMAIN.
- INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.
- UNLESS OTHERWISE NOTED, ALL MECHANICAL CONNECTIONS ON THIS SHEET SHALL BE FED FROM PANEL MEIN.
- REFER TO DRAWING E201 FOR PANEL LOCATIONS.

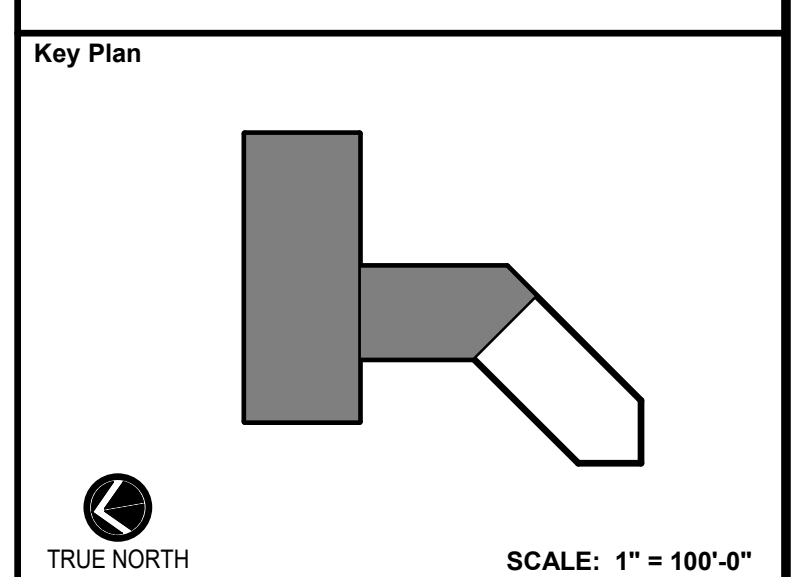
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT. MAINTAIN ALL EXISTING CONDUIT AND WIRING PASSING THROUGH AND SERVING THIS AREA. COORDINATE OUTAGES IN ADVANCE WITH OWNER.
- UNIT IS POWERED FROM ASSOCIATED OUTDOOR UNIT.
- FOR POWER TO FIRE SMOKE DAMPER.
- FOR POWER TO SMOKE DAMPER.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
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 SERVICES DIVISION ARE REQUIRED FOR ON-SITE
 CONSTRUCTION



No.	ADDENDUM 1 Revision	3/31/2022 Date
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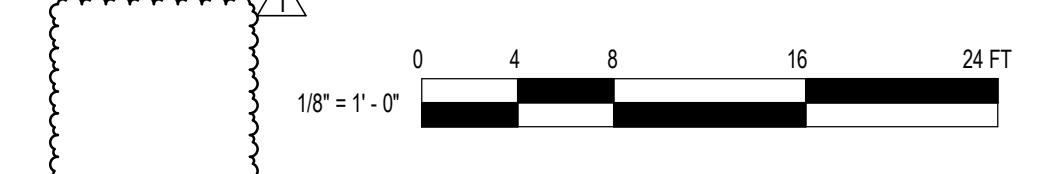
Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
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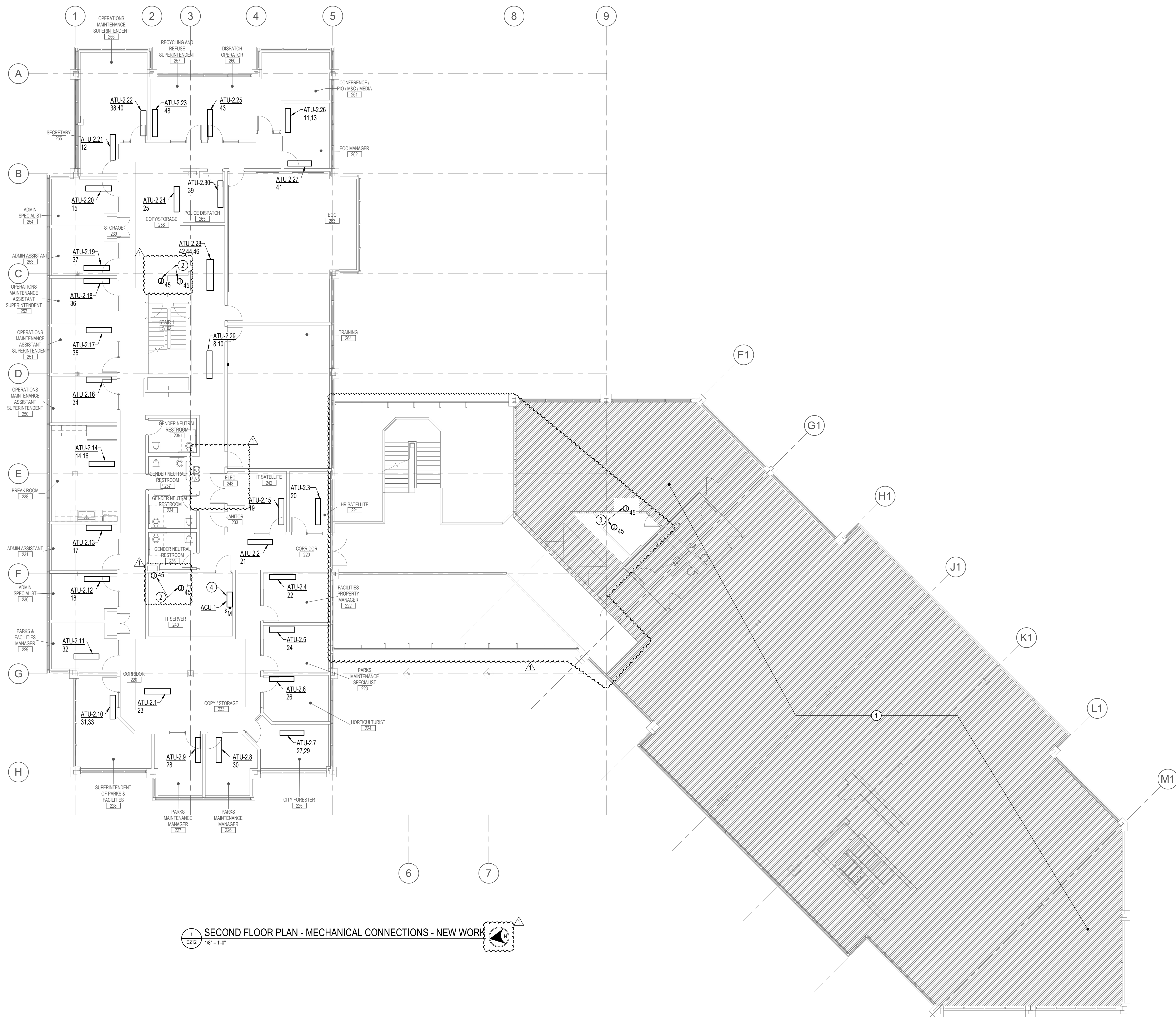
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	Phase IFB #08-22
	Project No. 0219.331.004
Date 12/23/2021	

Drawing Title
FIRST FLOOR PLAN -
MECHANICAL CONNECTIONS
- NEW WORK

Drawing No.
E211





1 SECOND FLOOR PLAN - MECHANICAL CONNECTIONS - NEW WORK
 E212 1/8" = 1'-0"

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (—) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (---) INDICATES EXISTING ITEMS TO REMAIN.
- INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.
- UNLESS OTHERWISE NOTED, ALL MECHANICAL CONNECTIONS ON THIS SHEET SHALL BE FED FROM PANEL M22N.
- REFER TO DRAWING E201 FOR PANEL LOCATIONS.

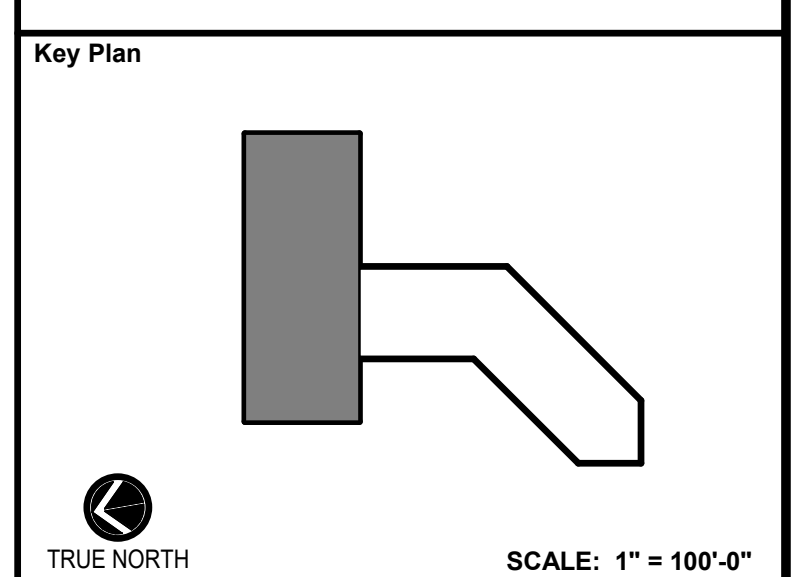
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT. MAINTAIN ALL EXISTING CONDUIT AND WIRING PASSING THROUGH AND SERVING THIS AREA. COORDINATE OUTAGES IN ADVANCE WITH OWNER.
- FOR POWER TO FIRE SMOKE DAMPER.
- FOR POWER TO SMOKE DAMPER.
- UNIT IS POWERED FROM ASSOCIATED OUTDOOR UNIT.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
 SEPARATE BUILDING PERMIT(S) FROM INSPECTION SERVICES DIVISION ARE REQUIRED FOR ON-SITE CONSTRUCTION



ADDENDUM 1		
No.	Revision	Date
1		3/31/2022

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1

ROCKVILLE MARYLAND

DELTA
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Phase
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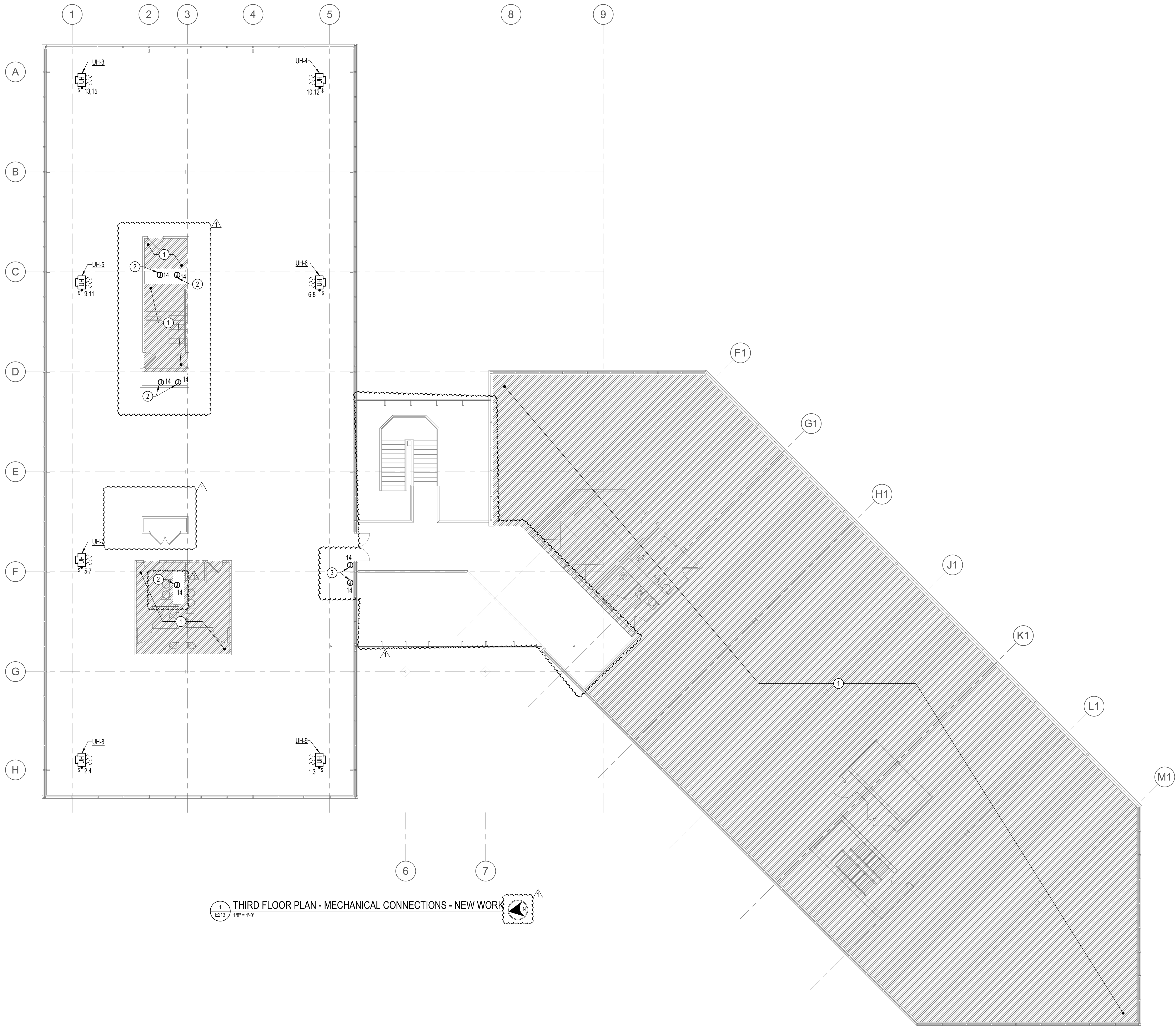
Project No.
 0219.331.004

Date
 12/23/2021

Drawing Title
SECOND FLOOR PLAN -
MECHANICAL CONNECTIONS
- NEW WORK

Drawing No.
E212





1 THIRD FLOOR PLAN - MECHANICAL CONNECTIONS - NEW WORK
 E213 1/8" = 1'-0"

DRAWING NOTES:
 (APPLICABLE TO THIS DRAWING ONLY)

- UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (—) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (---) INDICATES EXISTING ITEMS TO REMAIN.
- INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.
- UNLESS OTHERWISE NOTED, ALL MECHANICAL CONNECTIONS ON THIS SHEET SHALL BE FED FROM PANEL M23N.
- REFER TO DRAWING E201 FOR PANEL LOCATIONS.

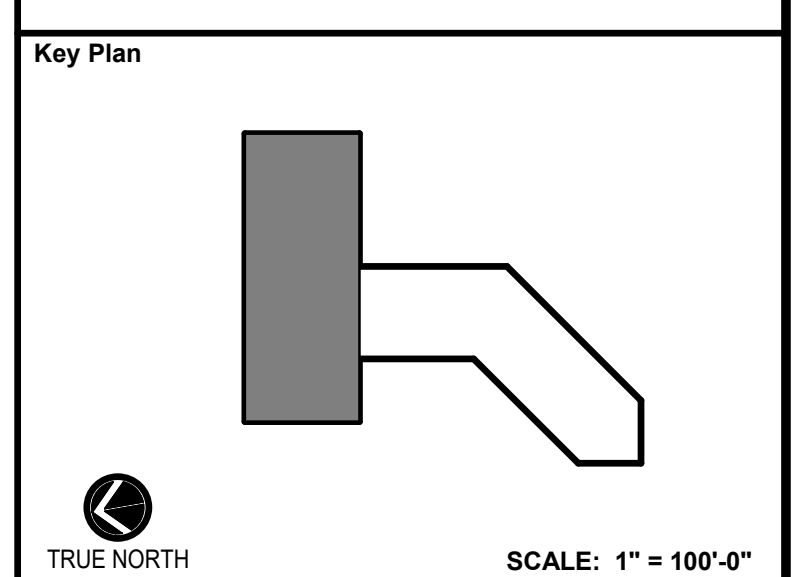
SPECIAL NOTES:
 (APPLICABLE TO THIS DRAWING ONLY)

- EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT. MAINTAIN ALL EXISTING CONDUIT AND WIRING PASSING THROUGH AND SERVING THIS AREA. COORDINATE OUTAGES IN ADVANCE WITH OWNER.
- FOR POWER TO FIRE SMOKE DAMPER.
- FOR POWER TO SMOKE DAMPER.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
 SEPARATE BUILDING PERMIT(S) FROM INSPECTION
 SERVICES DIVISION ARE REQUIRED FOR ON-SITE
 CONSTRUCTION



No.	Revision	Date
1	ADDENDUM 1	3/31/2022

Project Name
 CITY OF ROCKVILLE
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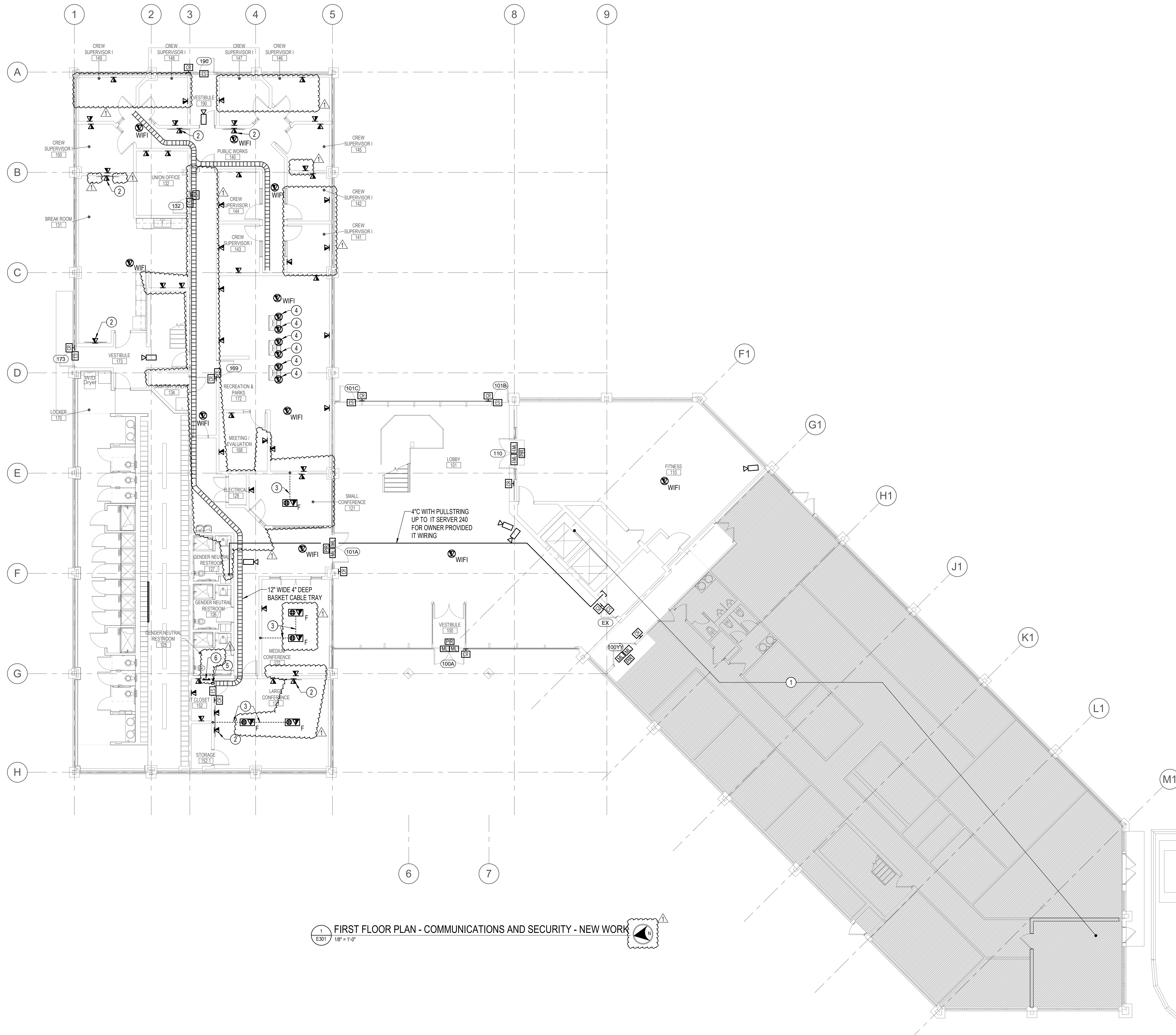
Seal

Phase IFB #08-22
 Project No. 0219.331.004
 Date 12/23/2021

Drawing Title
 THIRD FLOOR PLAN -
 MECHANICAL CONNECTIONS
 - NEW WORK

Drawing No.
E213





1 E301 FIRST FLOOR PLAN - COMMUNICATIONS AND SECURITY - NEW WORK
1/8" = 1'-0"

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (—) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (---) INDICATES EXISTING ITEMS TO REMAIN.
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- ALL DEVICE LOCATIONS SHOWN ON THIS PLAN SHALL BE COORDINATED AND FIELD VERIFIED WITH OWNER PRIOR TO INSTALLATION.

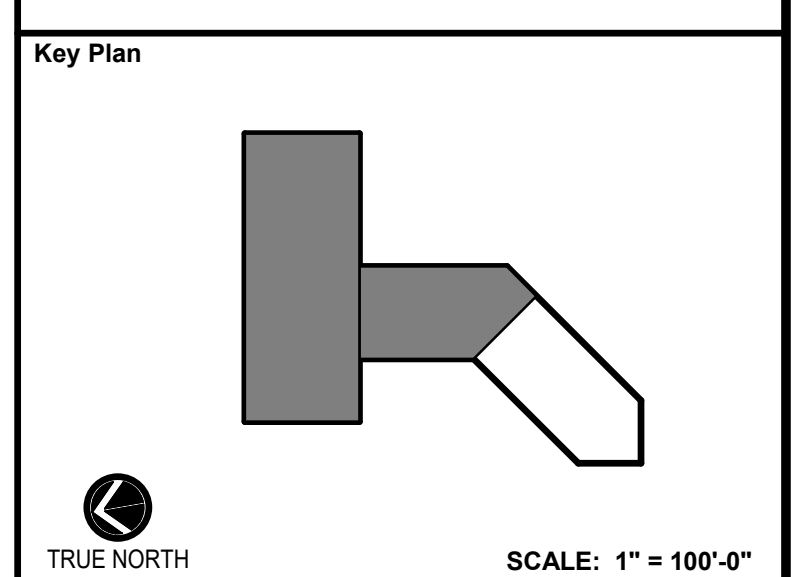
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT, MAINTAIN ALL EXISTING CONDUIT AND WIRING PASSING THROUGH AND SERVING THIS AREA. COORDINATE OUTAGES IN ADVANCE WITH OWNER.
- FOR TV, COORDINATE MOUNTING HEIGHT WITH TV BLOCKING.
- CUT AND TRENCH EXISTING CONCRETE SLAB ON GRADE AS REQUIRED TO ROUTE CONDUIT CONCEALED UNDERGROUND. REPAIR SLAB WITH CONCRETE TO ORIGINAL CONDITION.
- FOR CEILING MOUNTED TV
- CABLE PATHWAY WITH FIRE AND SMOKE RATINGS FOR COMMUNICATIONS CABLING. MOUNT 6" ABOVE CEILING IN CORRIDOR.
- TELECOM GROUND BAR, BOND GROUND BAR TO BUILDING STEEL WITH #6 GROUND WIRE.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION
SERVICES DIVISION ARE REQUIRED FOR ON-SITE
CONSTRUCTION



No.	Revision	Date
1	ADDENDUM 1	3/31/2022

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

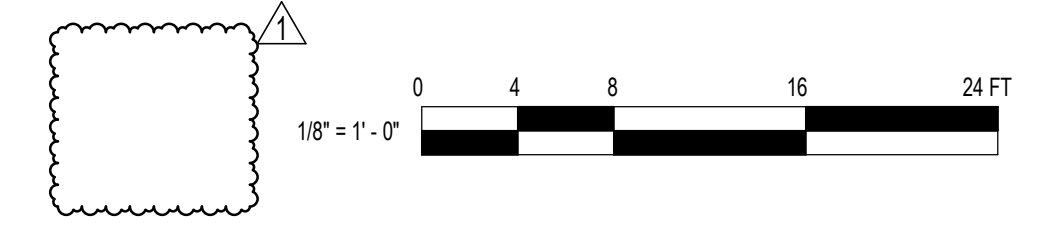
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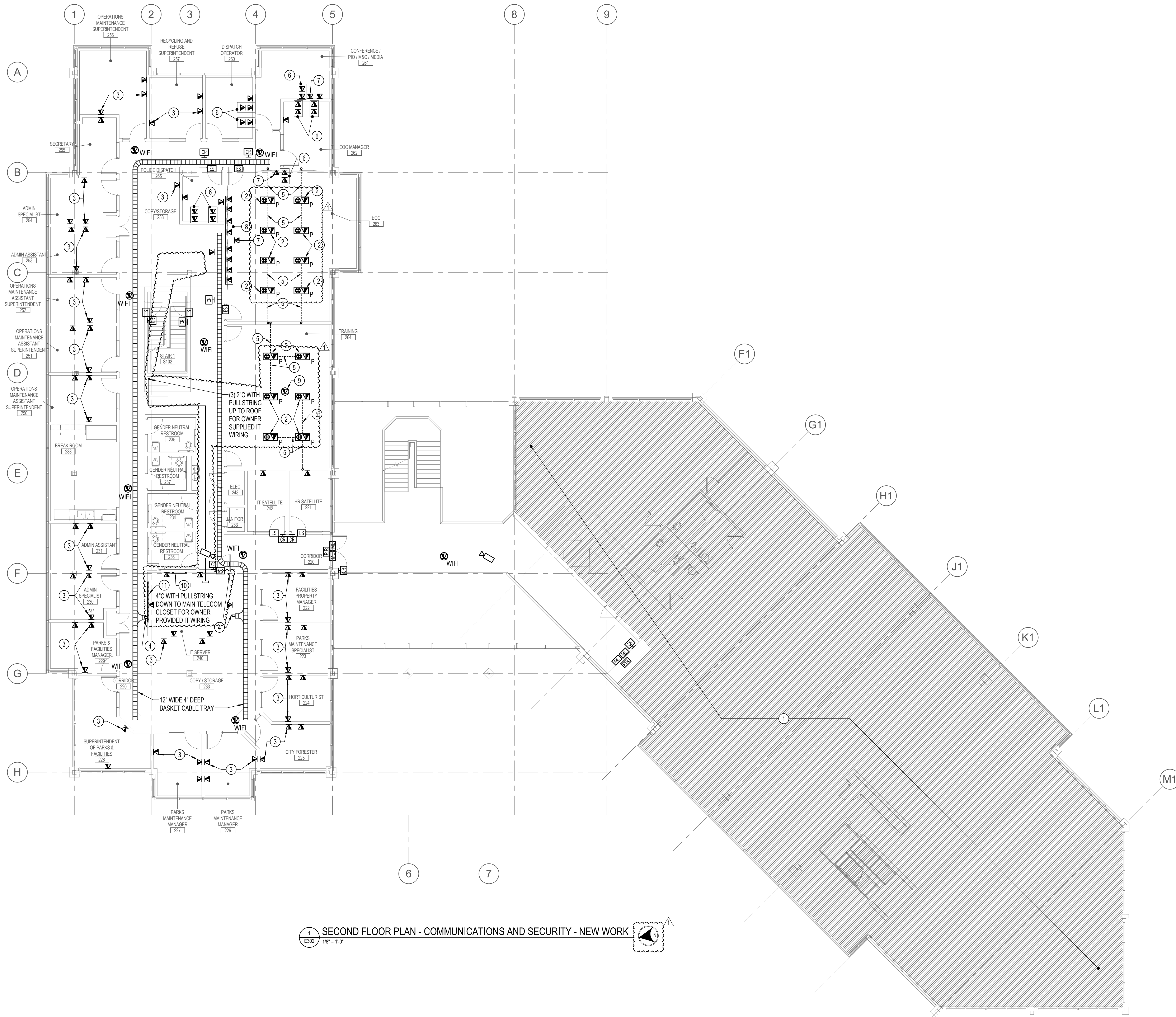
Seal
STATE OF MARYLAND
PROFESSIONAL ENGINEER
12/23/2021

Phase
IFB #08-22
Project No.
0219.331.004
Date
12/23/2021

Drawing Title
FIRST FLOOR PLAN -
COMMUNICATIONS AND
SECURITY - NEW WORK

Drawing No.
E301





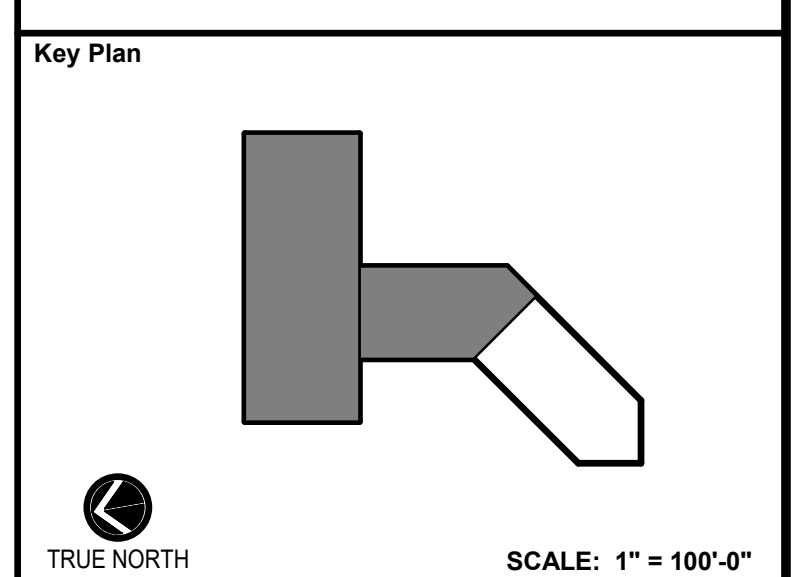
1 SECOND FLOOR PLAN - COMMUNICATIONS AND SECURITY - NEW WORK
 E302 1/8" = 1'-0"

- DRAWING NOTES:**
 (APPLICABLE TO THIS DRAWING ONLY)
- UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (—) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (---) INDICATES EXISTING ITEMS TO REMAIN.
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 - ALL DEVICE LOCATIONS SHOWN ON THIS PLAN SHALL BE COORDINATED AND FIELD VERIFIED WITH OWNER PRIOR TO INSTALLATION.
- SPECIAL NOTES:**
 (APPLICABLE TO THIS DRAWING ONLY)
- EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT. MAINTAIN ALL EXISTING CONDUIT AND WIRING PASSING THROUGH AND SERVING THIS AREA. COORDINATE OUTAGES IN ADVANCE WITH OWNER.
 - COORDINATE EXACT LOCATION OF POKE-THROUGH WITH ARCHITECT AND FURNITURE PLANS.
 - FOR TV, COORDINATE MOUNTING HEIGHT WITH TV BLOCKING.
 - CABLE PATHWAY WITH FIRE AND SMOKE RATINGS FOR COMMUNICATIONS CABLING. MOUNT 6" ABOVE CEILING IN CORRIDOR.
 - ROUTE 1-1/2" C THROUGH FLOOR BELOW TO NEAREST FULL HEIGHT WALL.
 - FOR TELEVISION, PROVIDE (1) SINGLE-GANG ROUGH-IN FOR DATA AND (1) DOUBLE-GANG ROUGH-IN FOR AV. COORDINATE EXACT LOCATION AND MOUNTING HEIGHTS WITH ARCHITECT AND OWNER.
 - FOR CAMERA, COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT AND OWNER.
 - FOR VIDEO WALL, PROVIDE (8) DOUBLE-GANG ROUGH-IN FOR AV AND COMMUNICATION ASSOCIATED TO VIDEO WALL. COORDINATE EXACT LOCATION AND MOUNTING HEIGHTS WITH ARCHITECT AND OWNER.
 - FOR PROJECTOR, COORDINATE LOCATION WITH ARCHITECT.
 - TELECOM GROUND BAR, BOND GROUND BAR TO BUILDING STEEL WITH #6 GROUND WIRE.
 - 4" X 8" W FIRE RATED PLYWOOD BACKING.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
 SEPARATE BUILDING PERMIT(S) FROM INSPECTION
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 CONSTRUCTION



No.	ADDENDUM 1 Revision	3/31/2022 Date
1		

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
 ROCKVILLE MARYLAND

DELTA
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Phase
 IFB #08-22

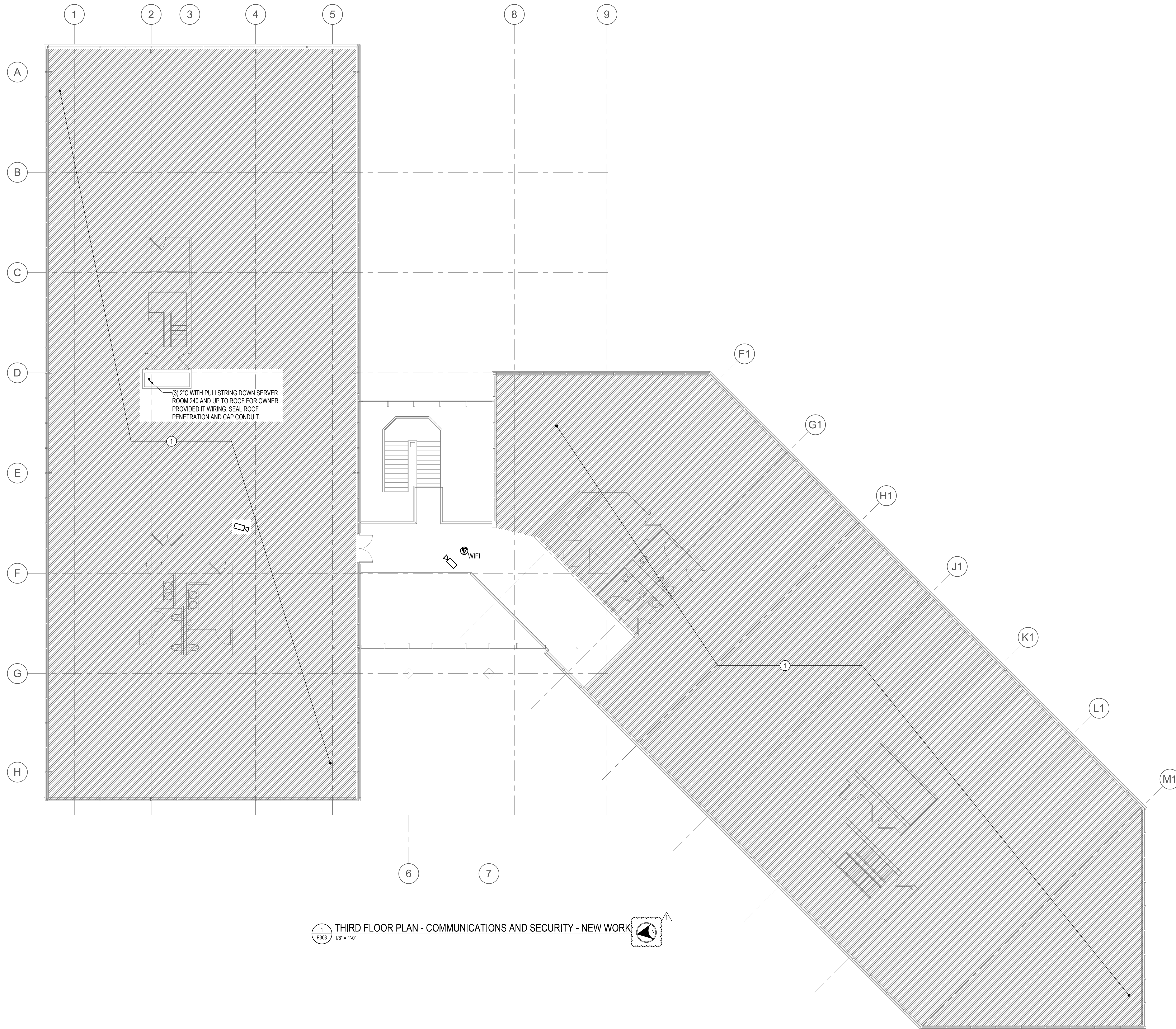
Project No.
 0219.331.004

Date
 12/23/2021

Drawing Title
SECOND FLOOR PLAN -
COMMUNICATIONS AND
SECURITY - NEW WORK

Drawing No.
E302





1 THIRD FLOOR PLAN - COMMUNICATIONS AND SECURITY - NEW WORK
 E303 1/8" = 1'-0"

DRAWING NOTES:
 (APPLICABLE TO THIS DRAWING ONLY)

- UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (—) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (---) INDICATES EXISTING ITEMS TO REMAIN.
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- ALL DEVICE LOCATIONS SHOWN ON THIS PLAN SHALL BE COORDINATED AND FIELD VERIFIED WITH OWNER PRIOR TO INSTALLATION.

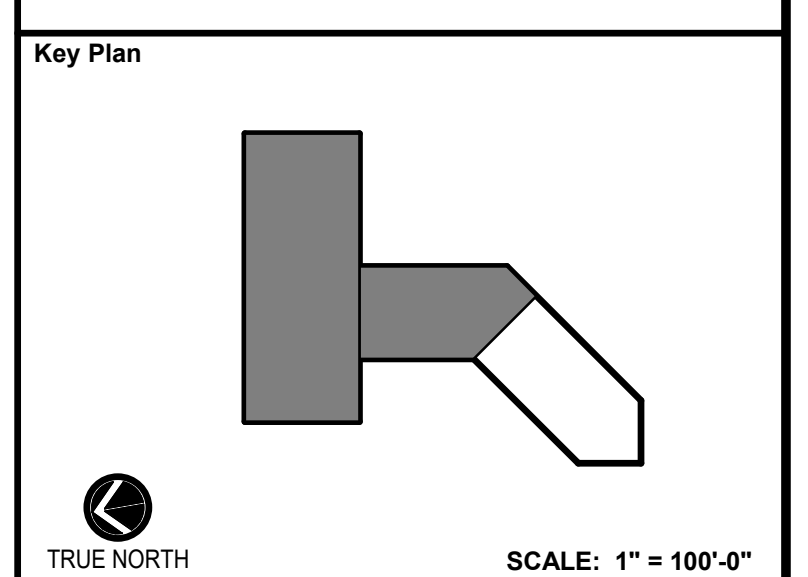
SPECIAL NOTES:
 (APPLICABLE TO THIS DRAWING ONLY)

- EXISTING AREA NOT WITHIN THE SCOPE OF THIS PROJECT. MAINTAIN ALL EXISTING CONDUIT AND WIRING PASSING THROUGH AND SERVING THIS AREA. COORDINATE OUTAGES IN ADVANCE WITH OWNER.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
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No.	Revision	Date
1	ADDENDUM 1	3/31/2022

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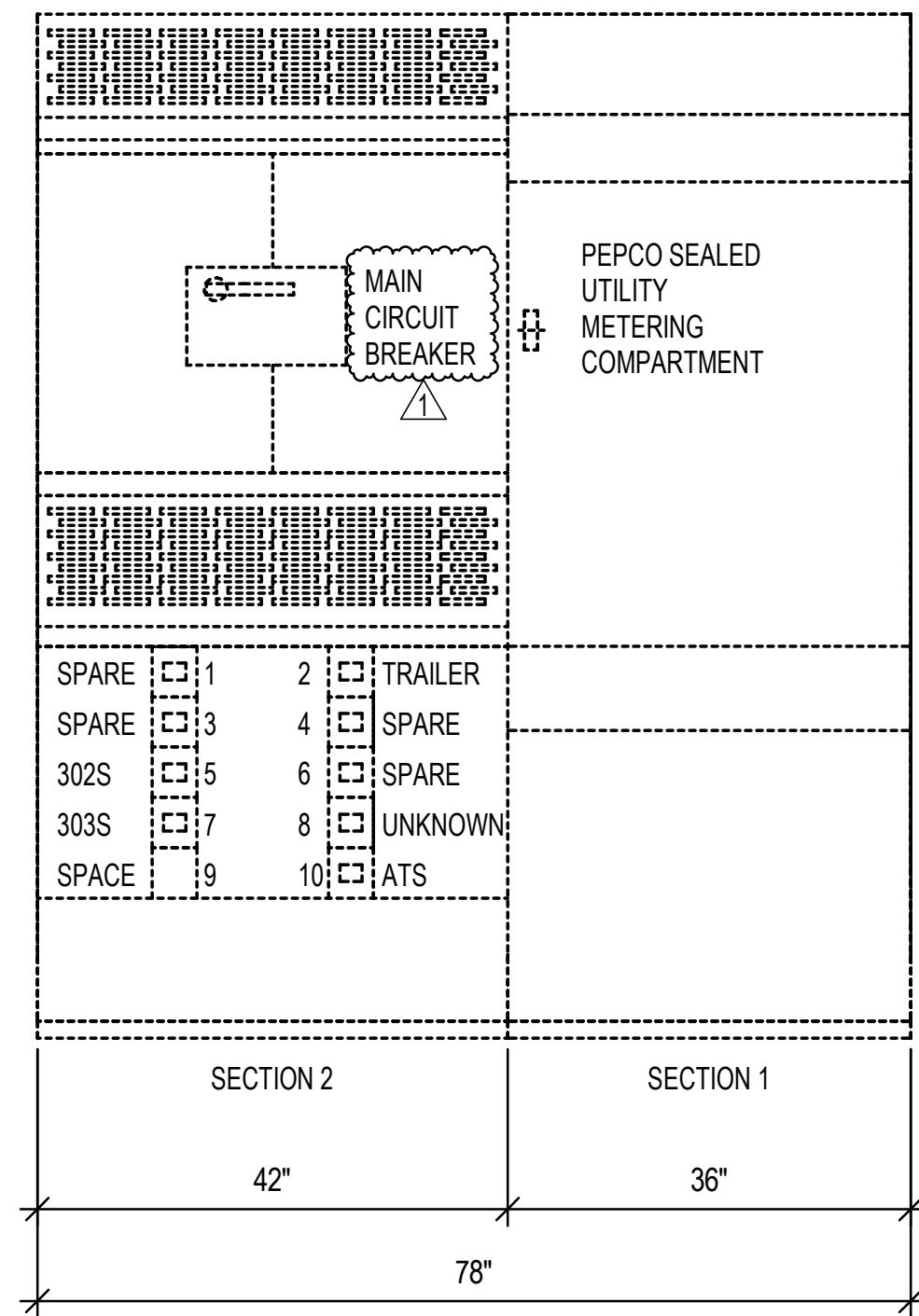
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Date
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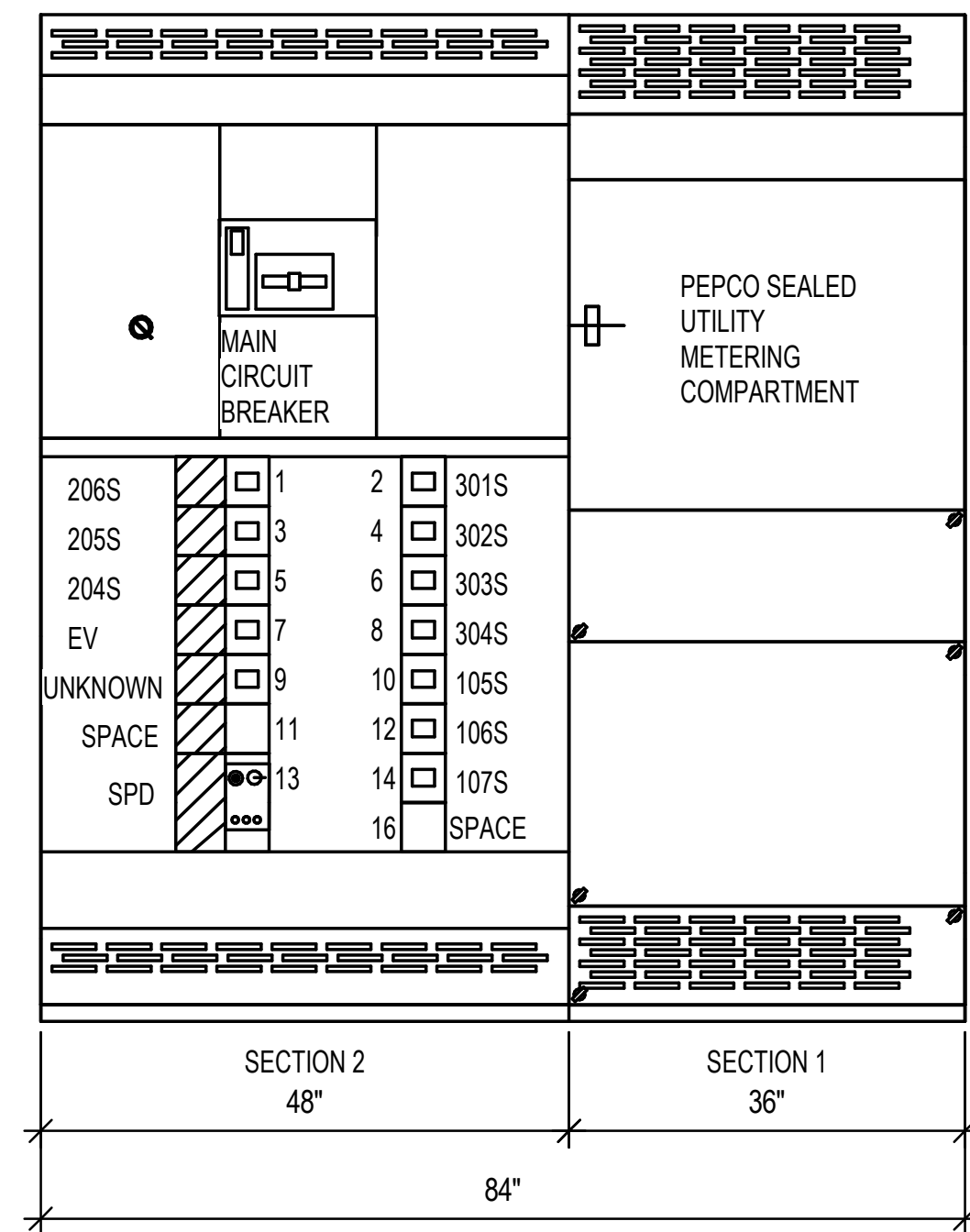
Drawing Title
 THIRD FLOOR PLAN -
 COMMUNICATIONS AND
 SECURITY - NEW WORK

Drawing No.
E303

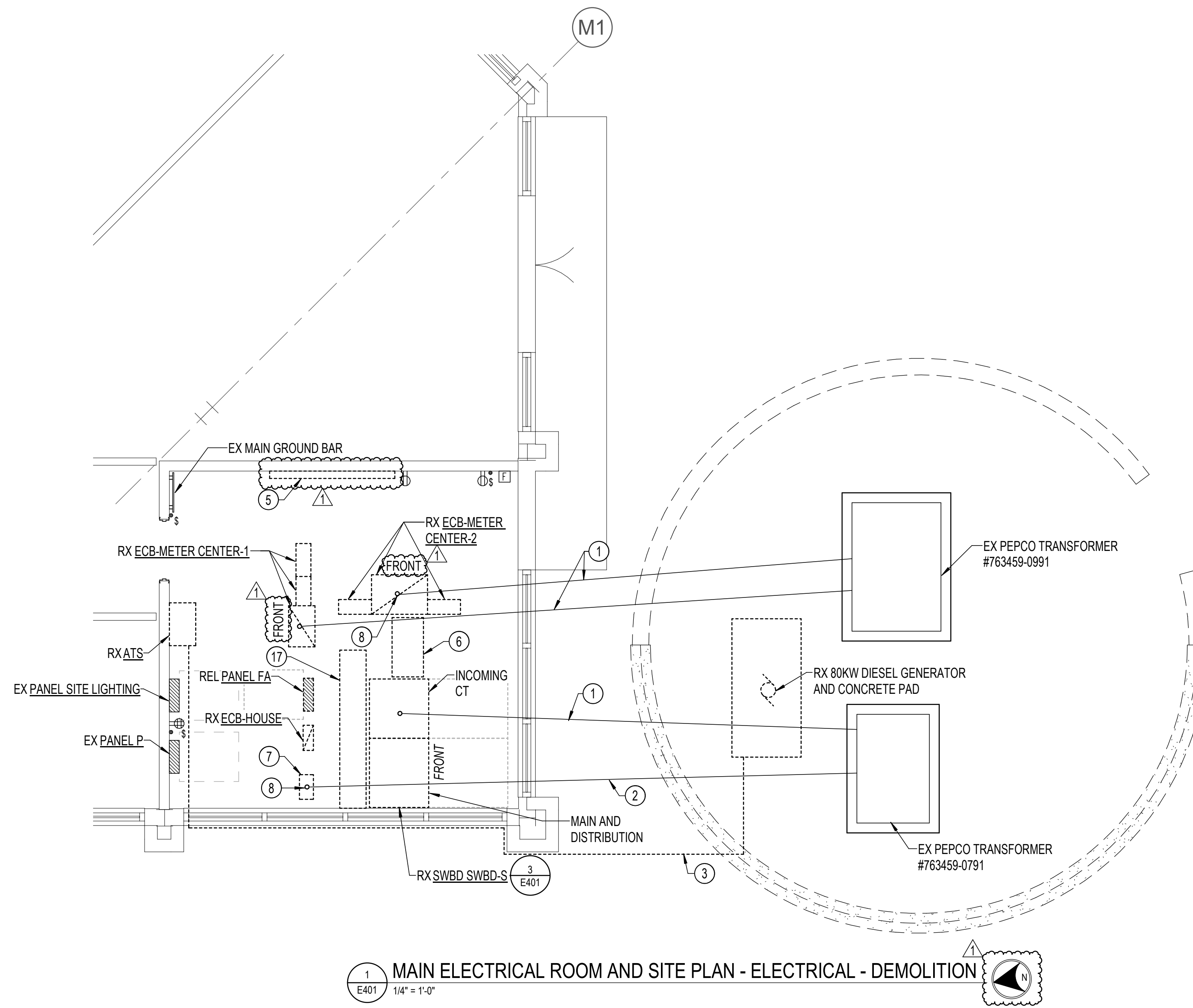




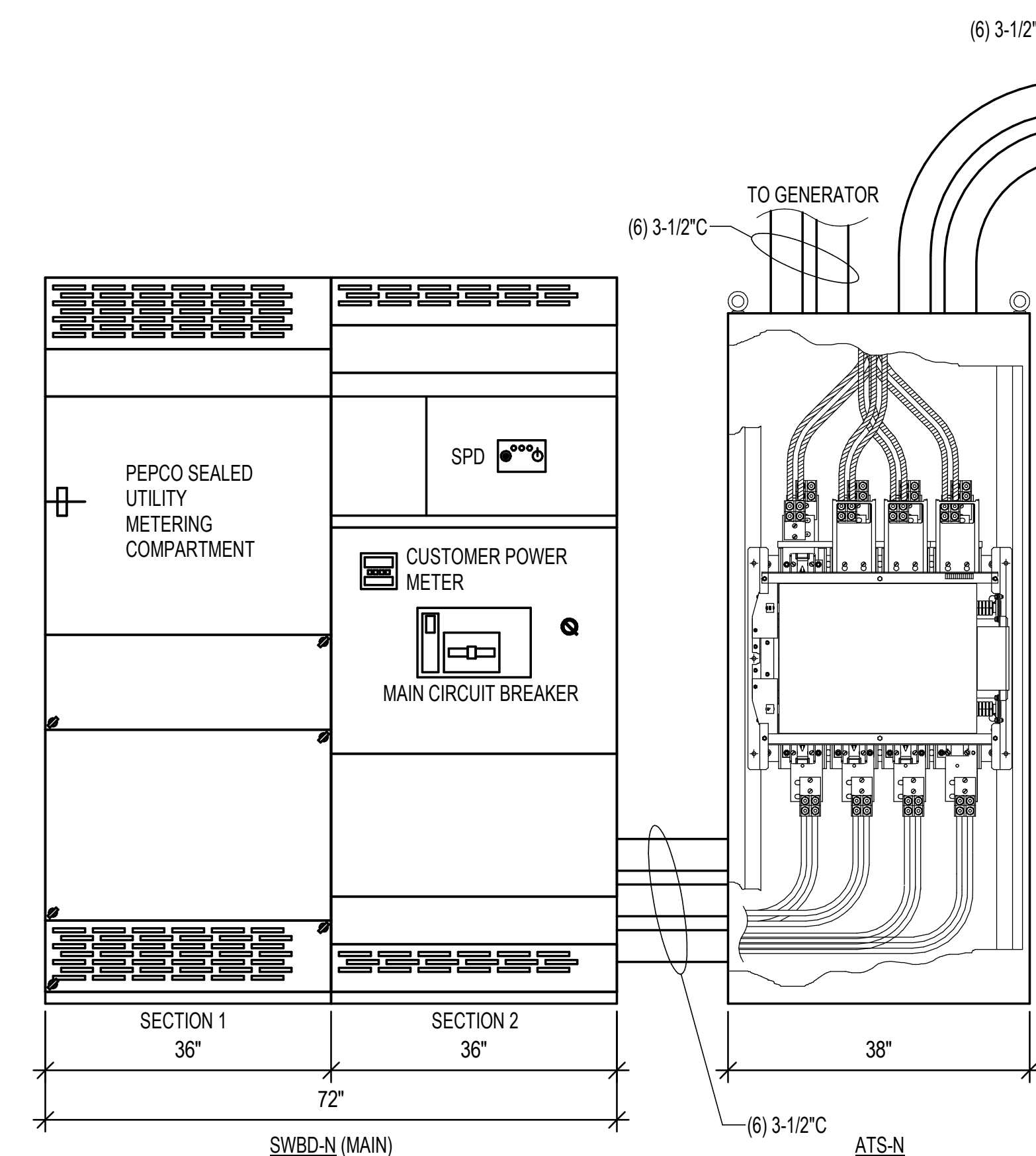
3 E401 N.T.S. EXISTING SWITCHBOARD SWBD-S ELEVATION - DEMOLITION



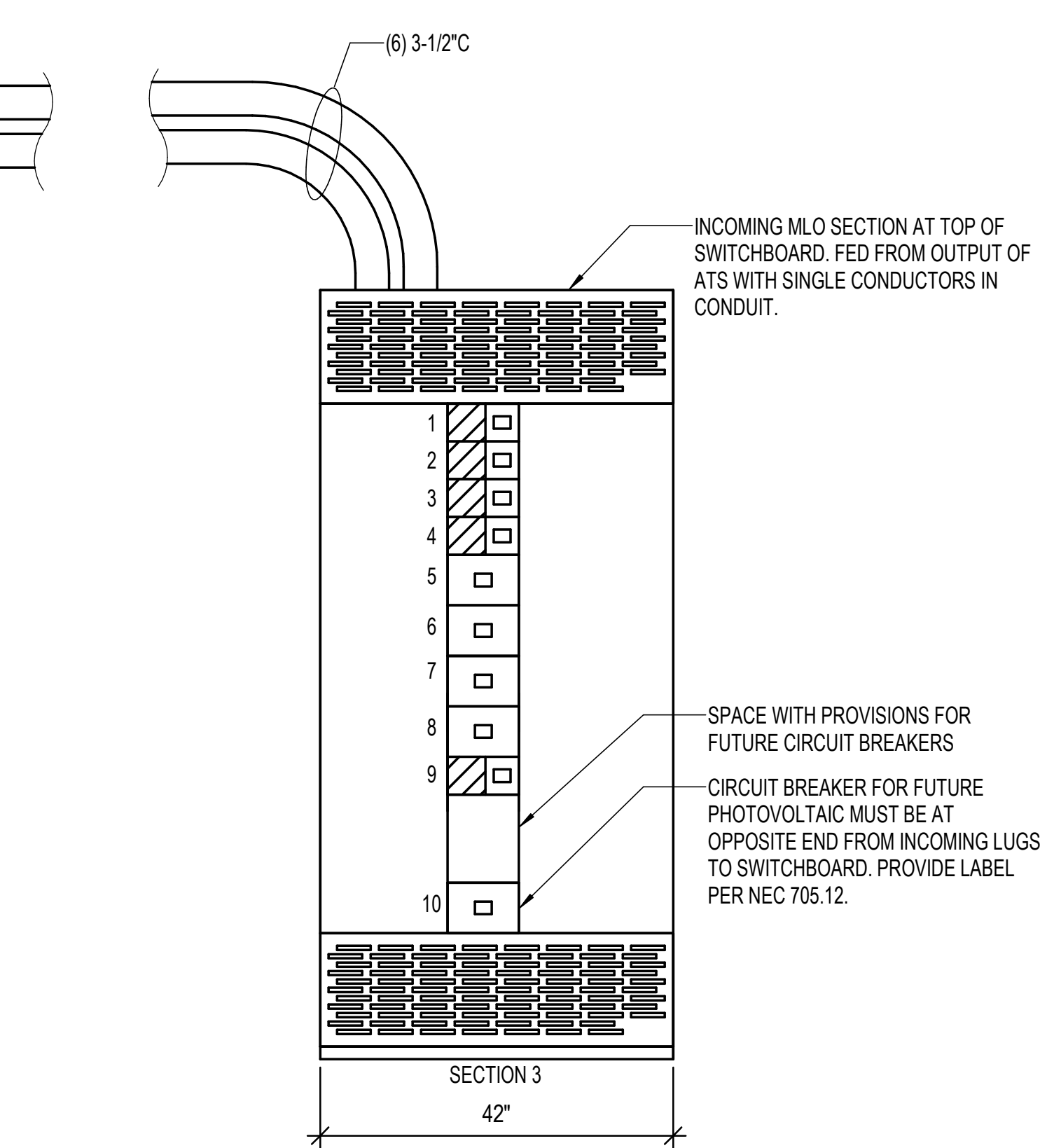
6 E401 N.T.S. NEW SWITCHBOARD SWBD-S ELEVATION - NEW WORK



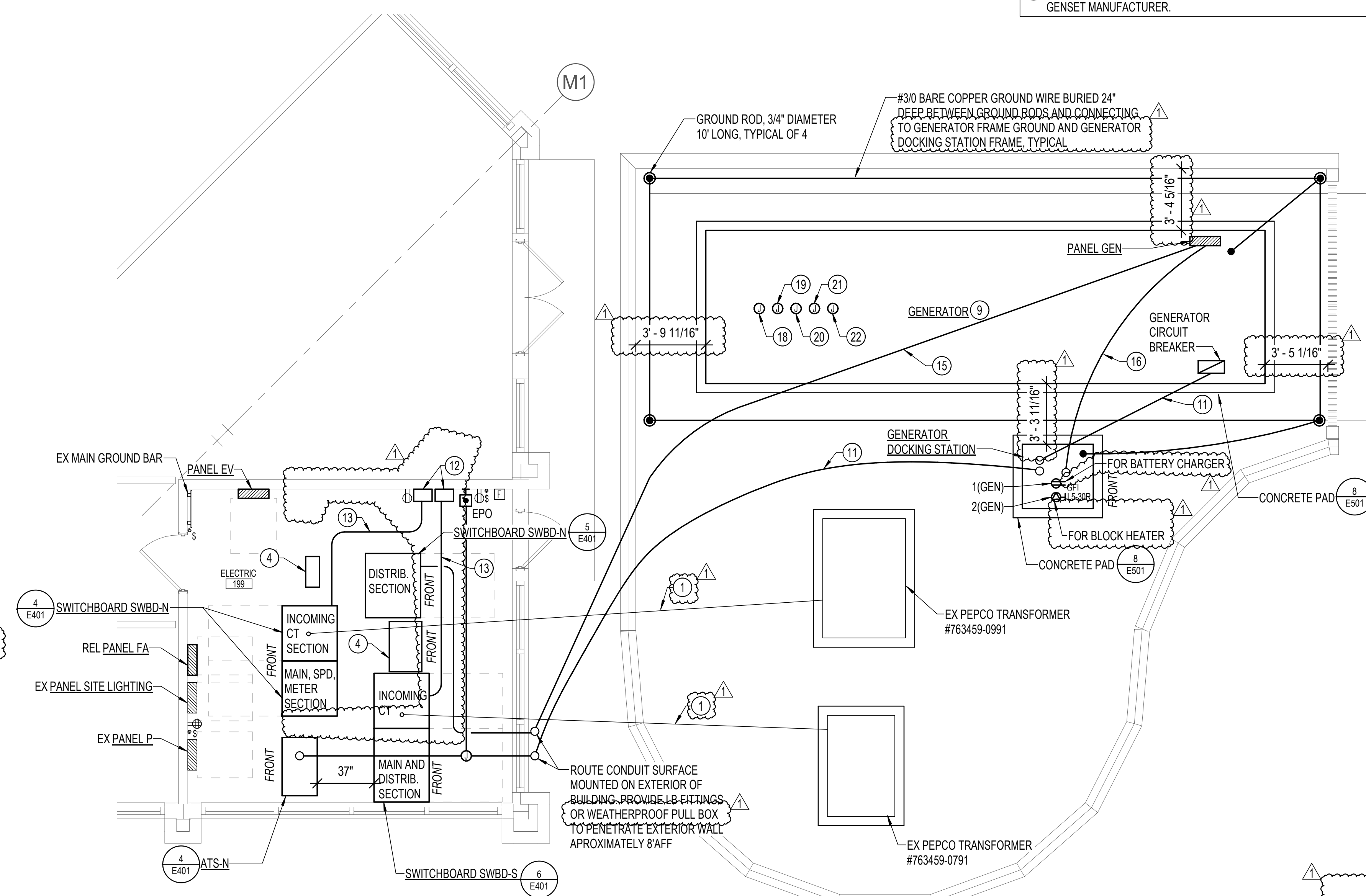
1 E401 1/4" = 1'-0" MAIN ELECTRICAL ROOM AND SITE PLAN - ELECTRICAL - DEMOLITION



4 E401 N.T.S. SWITCHBOARD SWBD-N (MAIN) AND ATS-N ELEVATION - NEW WORK



5 E401 N.T.S. SWITCHBOARD SWBD-N (DISTRIBUTION) ELEVATION - NEW WORK



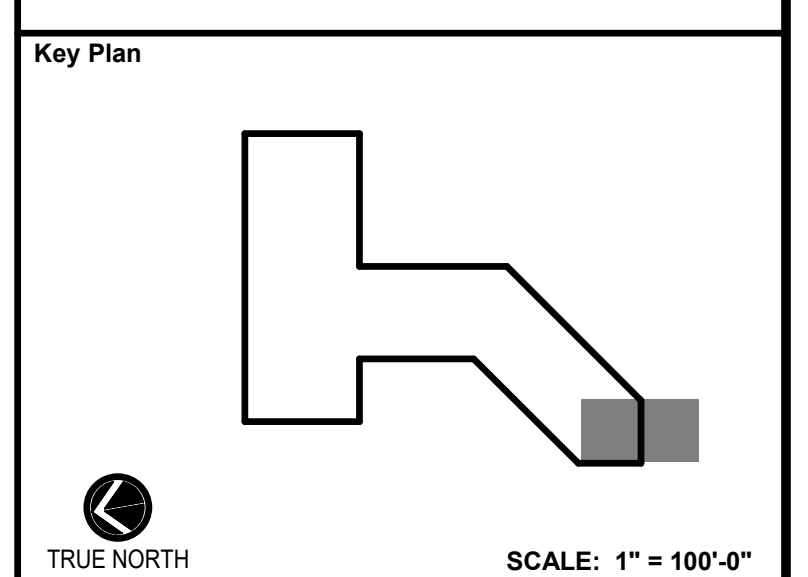
2 E401 1/4" = 1'-0" MAIN ELECTRICAL ROOM AND SITE PLAN - ELECTRICAL - NEW WORK

- DRAWING NOTES:**
(APPLICABLE TO THIS DRAWING ONLY)
- UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (—) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY DASHED HEAVY LINEWEIGHT (---) INDICATES EXISTING WORK TO BE REMOVED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (—) INDICATES EXISTING ITEMS TO REMAIN.
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- SPECIAL NOTES:**
(APPLICABLE TO THIS DRAWING ONLY)
- (8) EXISTING UNDERGROUND CONDUITS FROM EXISTING PEPCO TRANSFORMER.
 - (1) EXISTING UNDERGROUND CONDUIT FROM EXISTING PEPCO TRANSFORMER.
 - REMOVE SURFACE MOUNTED CONDUIT SERVING DIESEL GENERATOR.
 - PROVIDE SPLICE BOX. REFER TO DRAWING E602 FOR MORE INFORMATION.
 - REMOVE EXISTING PEPCO METER ENCLOSURES.
 - REMOVE PULL CABINET.
 - REMOVE PEPCO METER ENCLOSURE. COORDINATE OUTAGE AND REMOVAL WITH PEPCO.
 - COORDINATE WITH PEPCO TO REMOVE EXISTING SERVICE CONDUCTORS. CUT CONDUIT FLUSH WITH FLOOR AND FILL WITH CONCRETE ONCE PEPCO SERVICE CONDUCTORS ARE REMOVED.
 - WEATHERPROOF GENERATOR ENCLOSURE. MAXIMUM DIMENSIONS FOR GENERATOR ENCLOSURE ARE 30"4" LENGTH X 8"4" WIDE. REFER TO E602 FOR ADDITIONAL REQUIREMENTS.
 - NOT USED.
 - 6-WAY 3-1/2" CONDUIT DIRECT BURIED DUCT BANK FOR POWER AND 1-WAY 2" CONDUIT DIRECT BURIED FOR CONTROL WIRING.
 - PEPCO METER. COORDINATE EXACT LOCATION WITH PEPCO UTILITY COMPANY.
 - PROVIDE EMPTY 1-1/2" CONDUIT WITH PULL STRINGS FROM SWITCHBOARD CT SECTION TO PEPCO METER MOUNTED ON WALL.
 - NOT USED.
 - 1-WAY 2" CONDUIT DIRECT BURIED FOR POWER.
 - 1-WAY 1" CONDUIT DIRECT BURIED FOR POWER.
 - REMOVE EXISTING WIRE TROUGH.
 - JACKET HEATER. 120V PREWIRED TO PANEL GEN BY GENSET MANUFACTURER.
 - BLOCK HEATER. 208V PREWIRED TO PANEL GEN BY GENSET MANUFACTURER.
 - BATTERY CHARGER. 120V PREWIRED TO PANEL GEN BY GENSET MANUFACTURER.
 - LIGHTS AND RECEPTACLES. 120V PREWIRED TO PANEL GEN BY GENSET MANUFACTURER.
 - MOTOR OPERATED DAMPER. 120V PREWIRED TO PANEL GEN BY GENSET MANUFACTURER.



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
SEPARATE BUILDING PERMIT(S) FROM INSPECTION SERVICES DIVISION ARE REQUIRED FOR ON-SITE CONSTRUCTION



No.	Revision	Date
1	ADDENDUM 1	3/31/2022

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

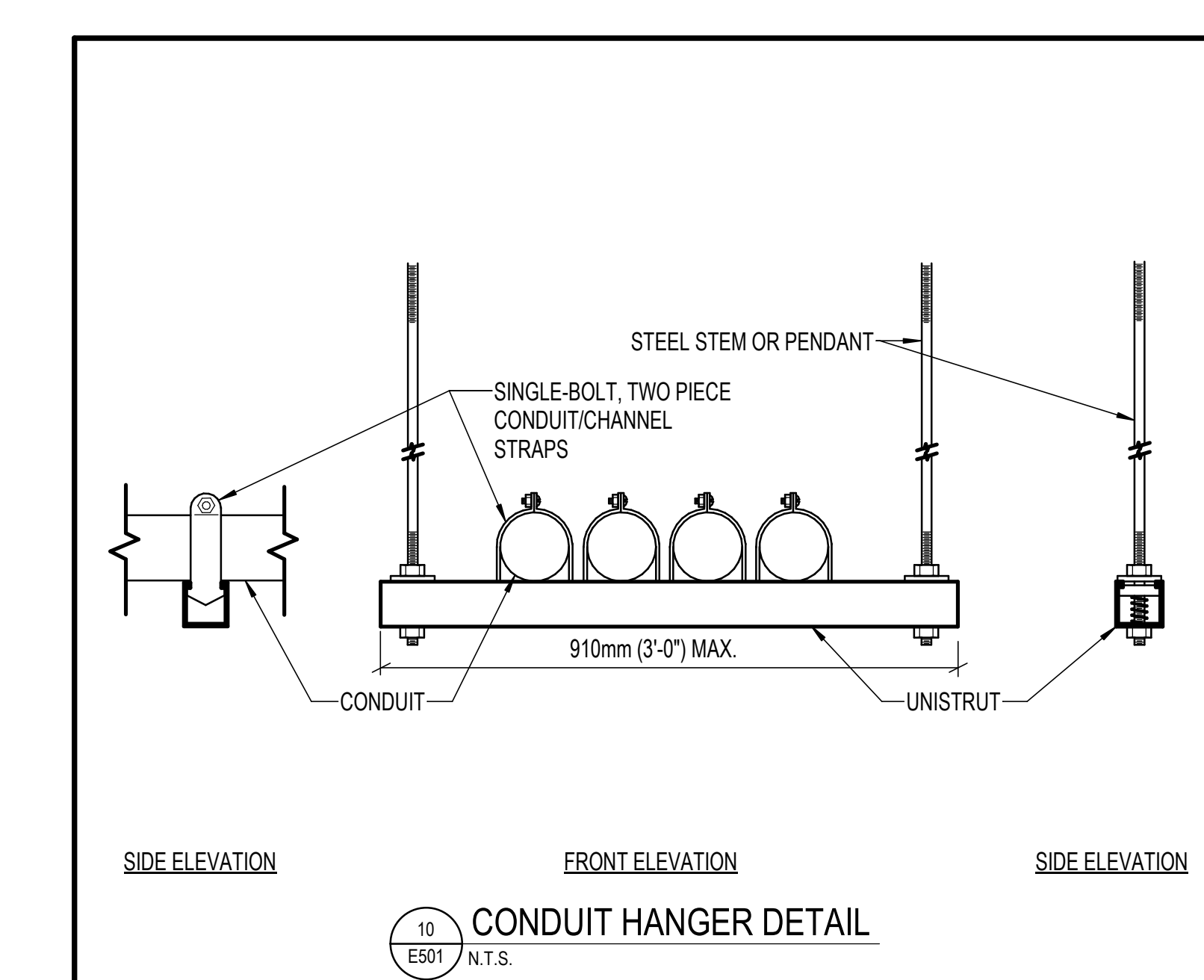
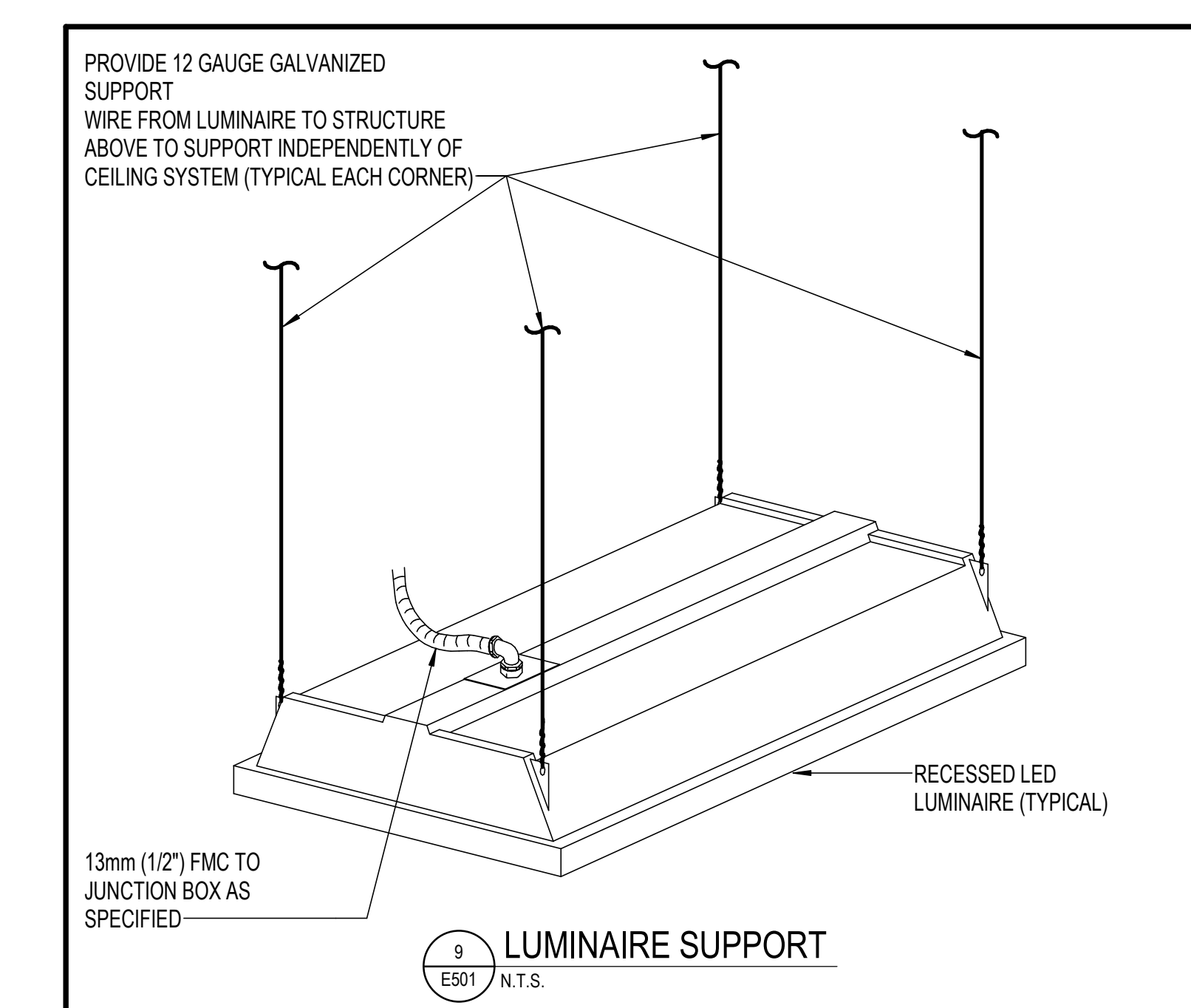
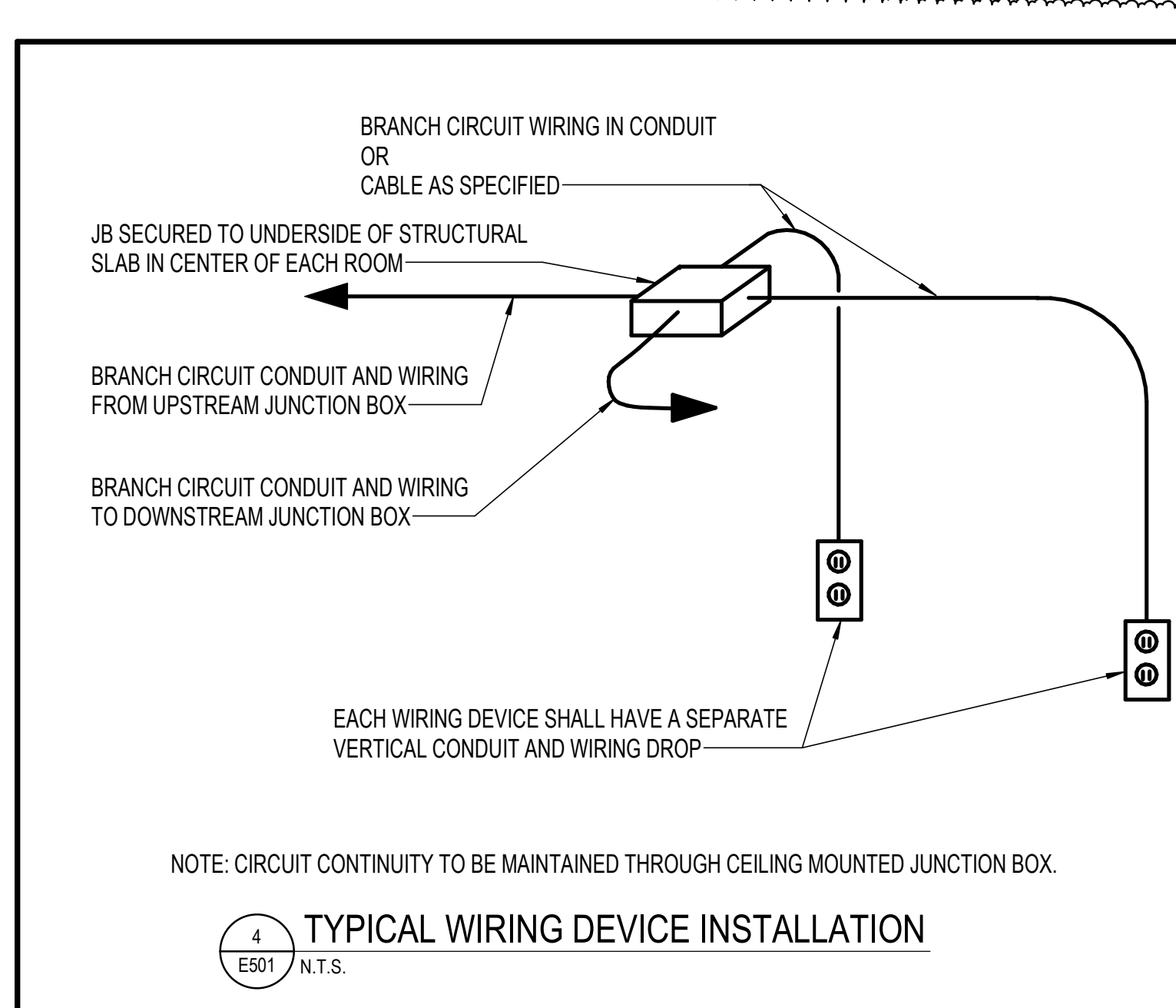
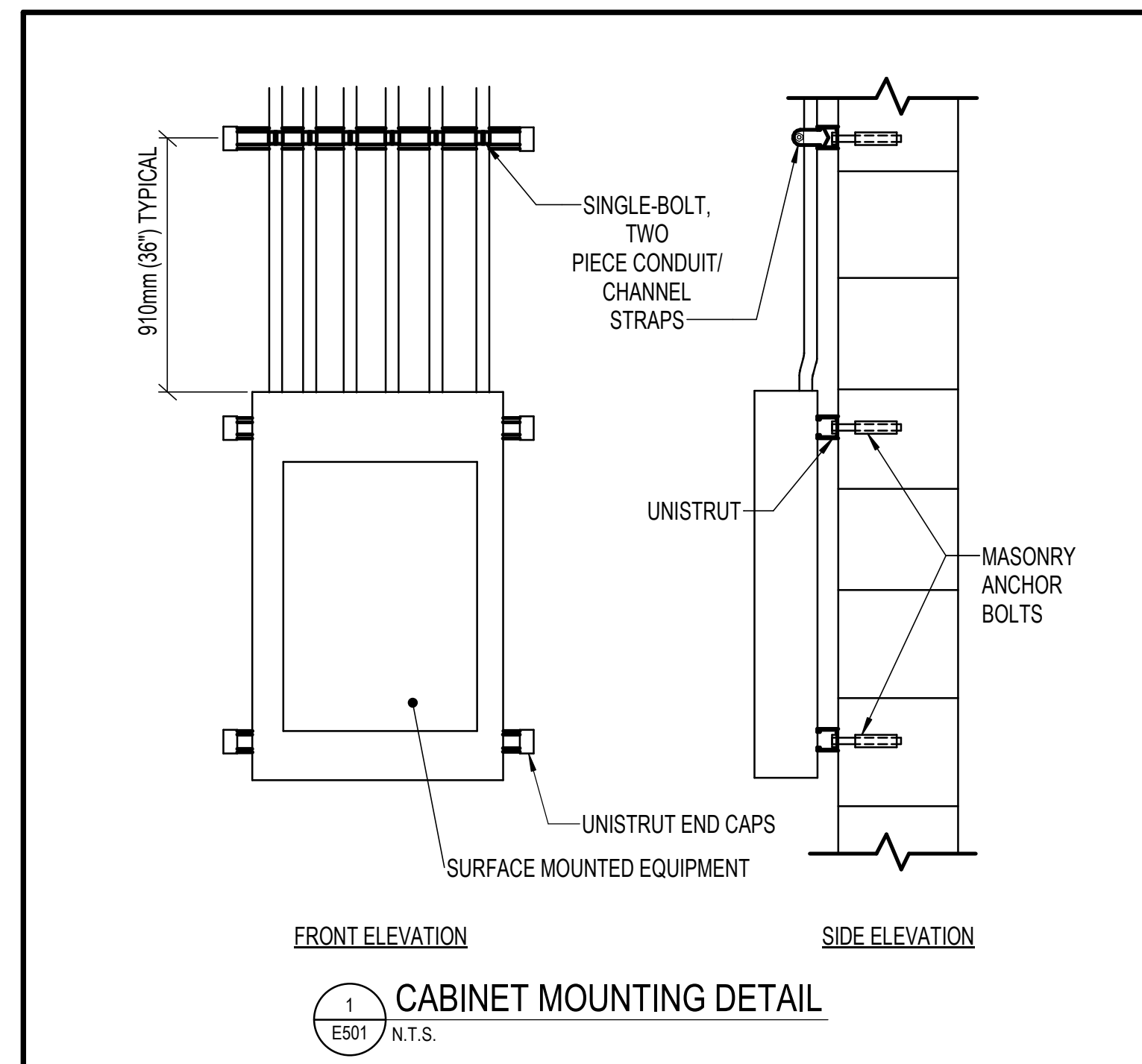
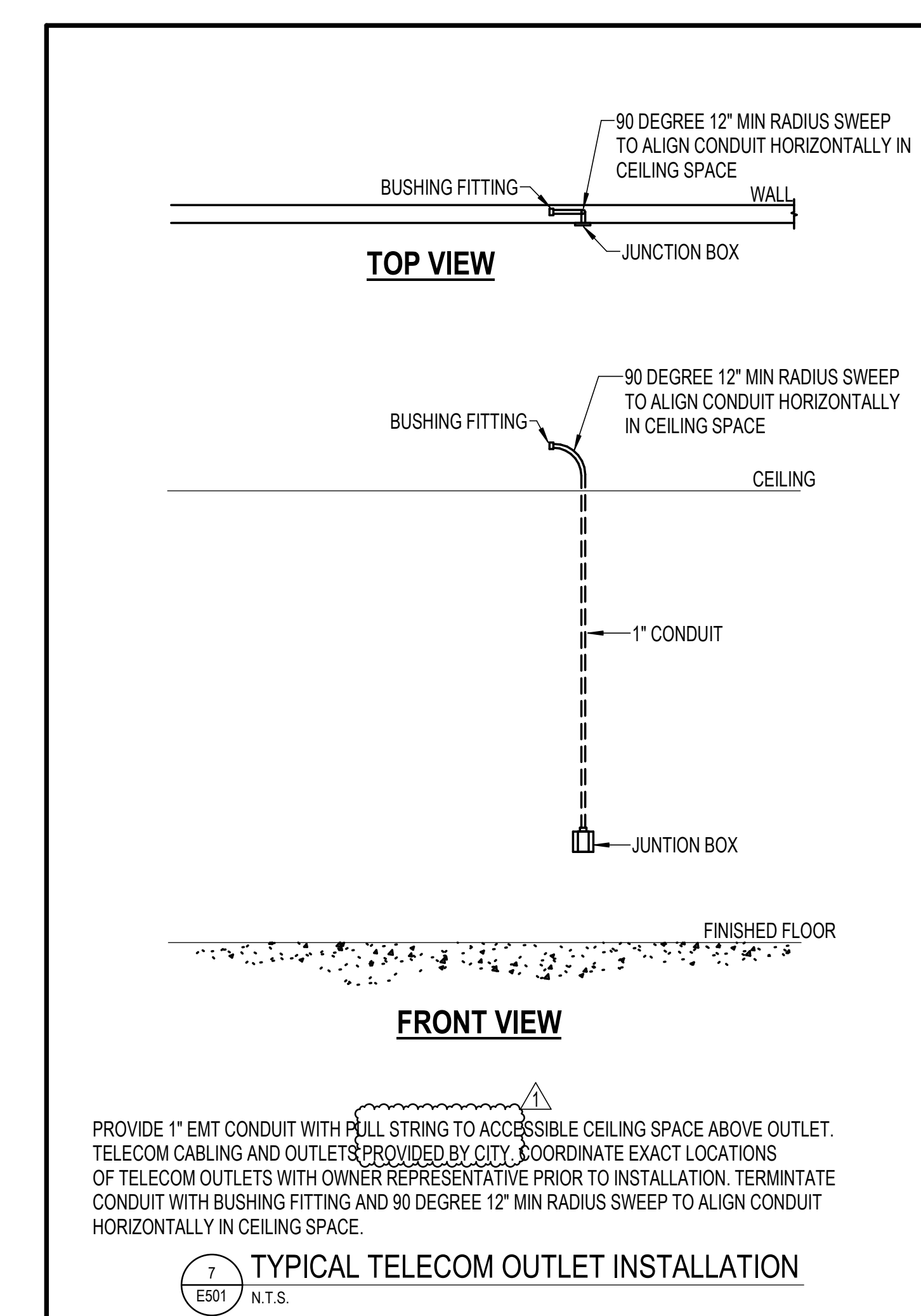
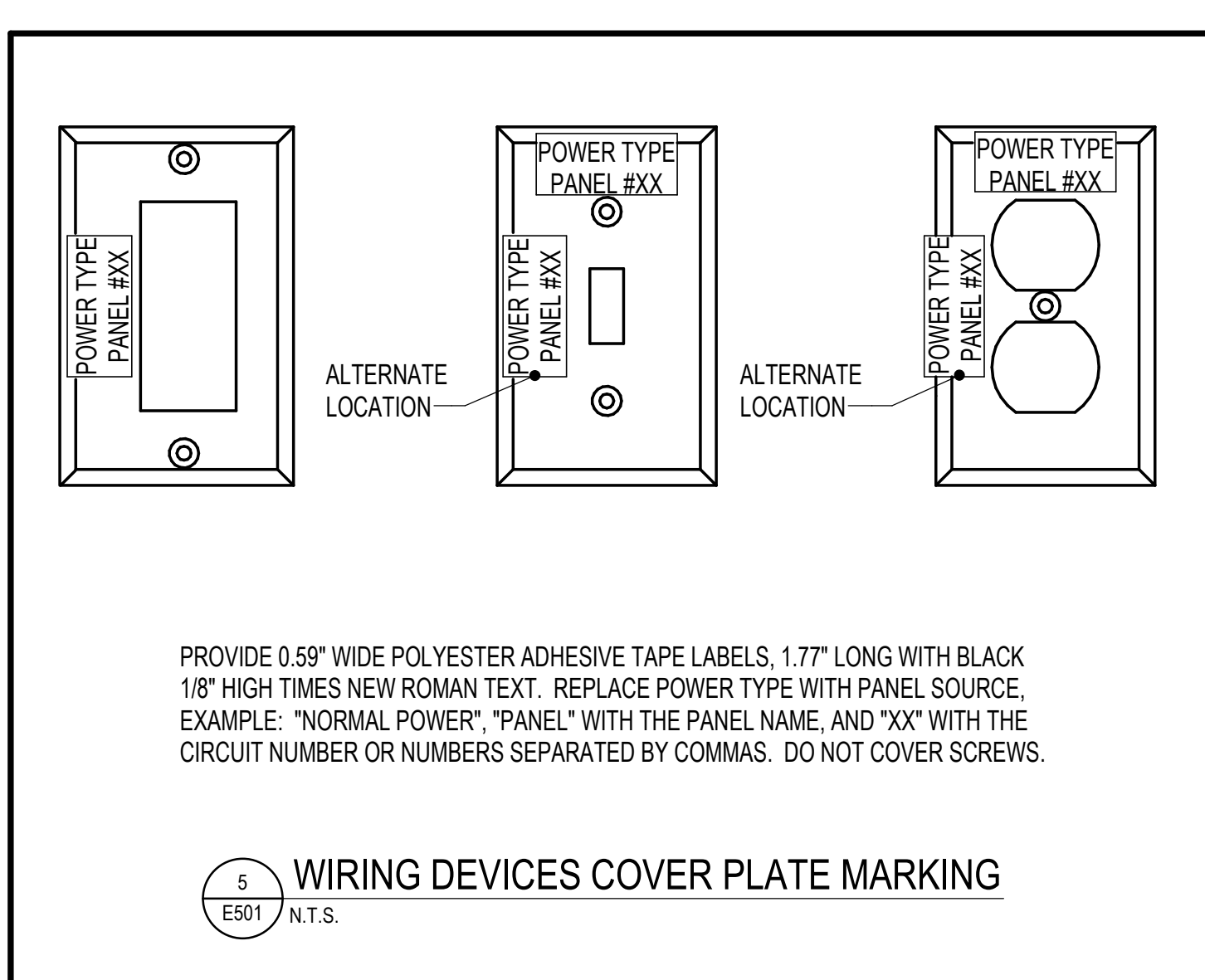
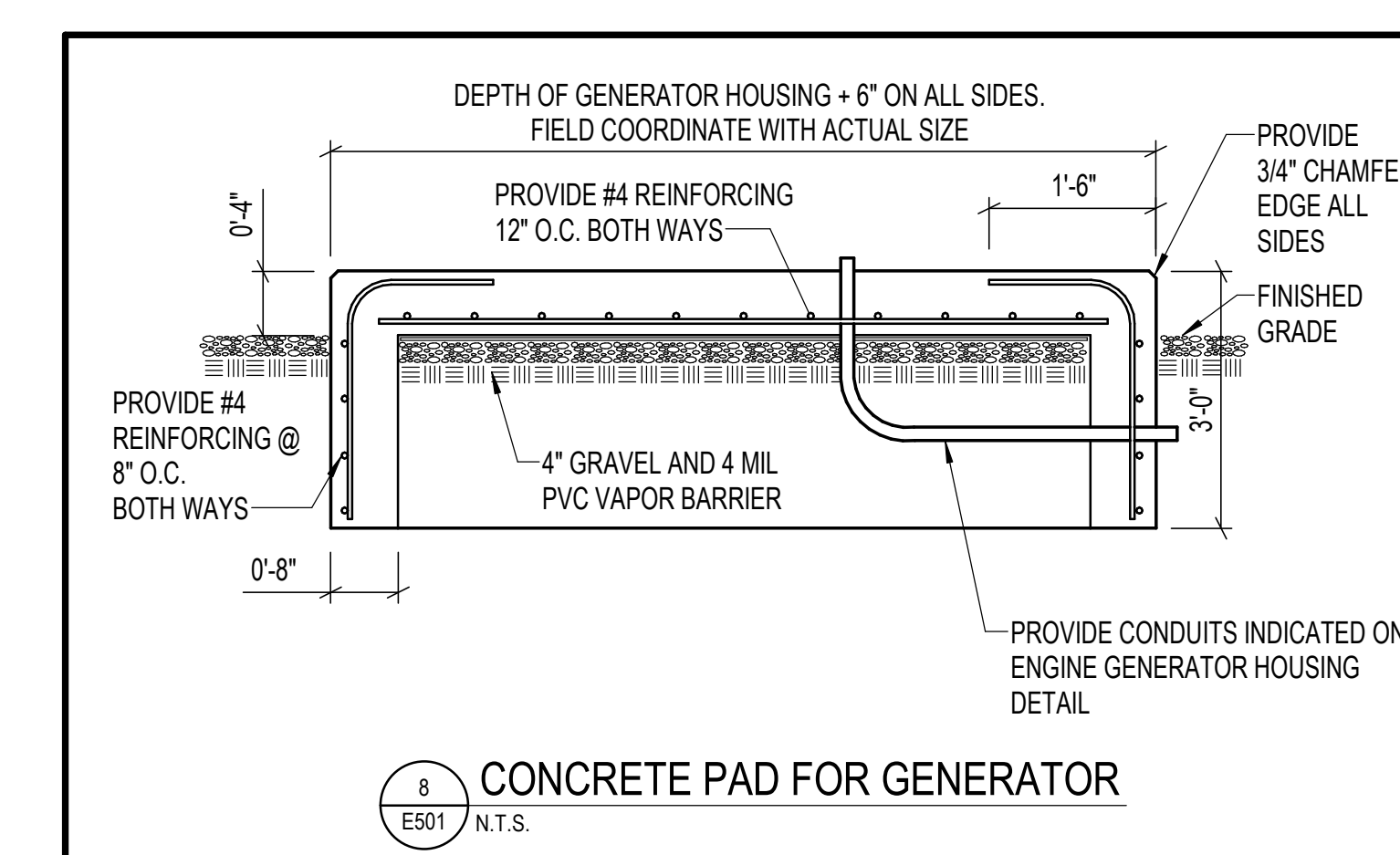
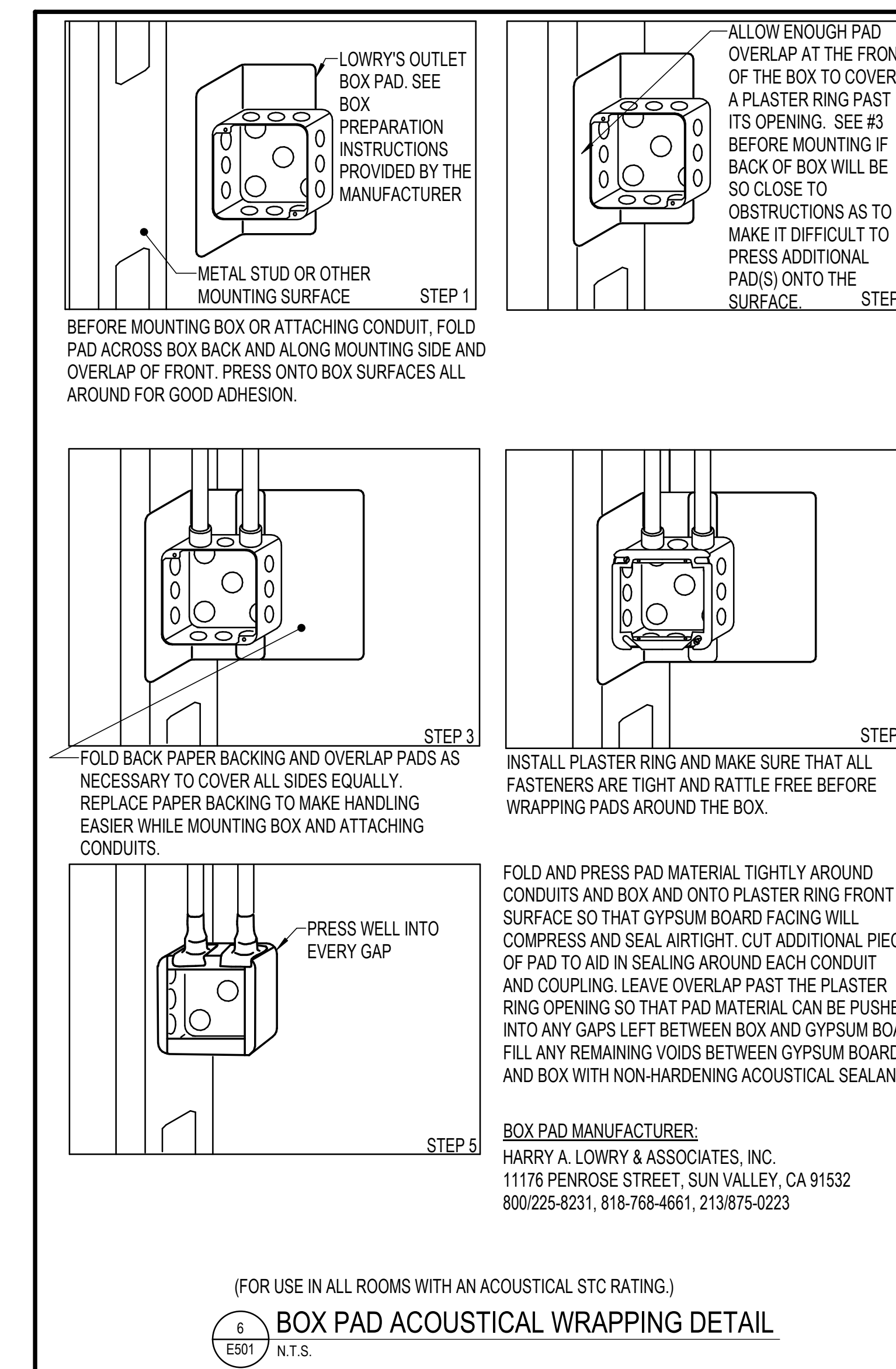
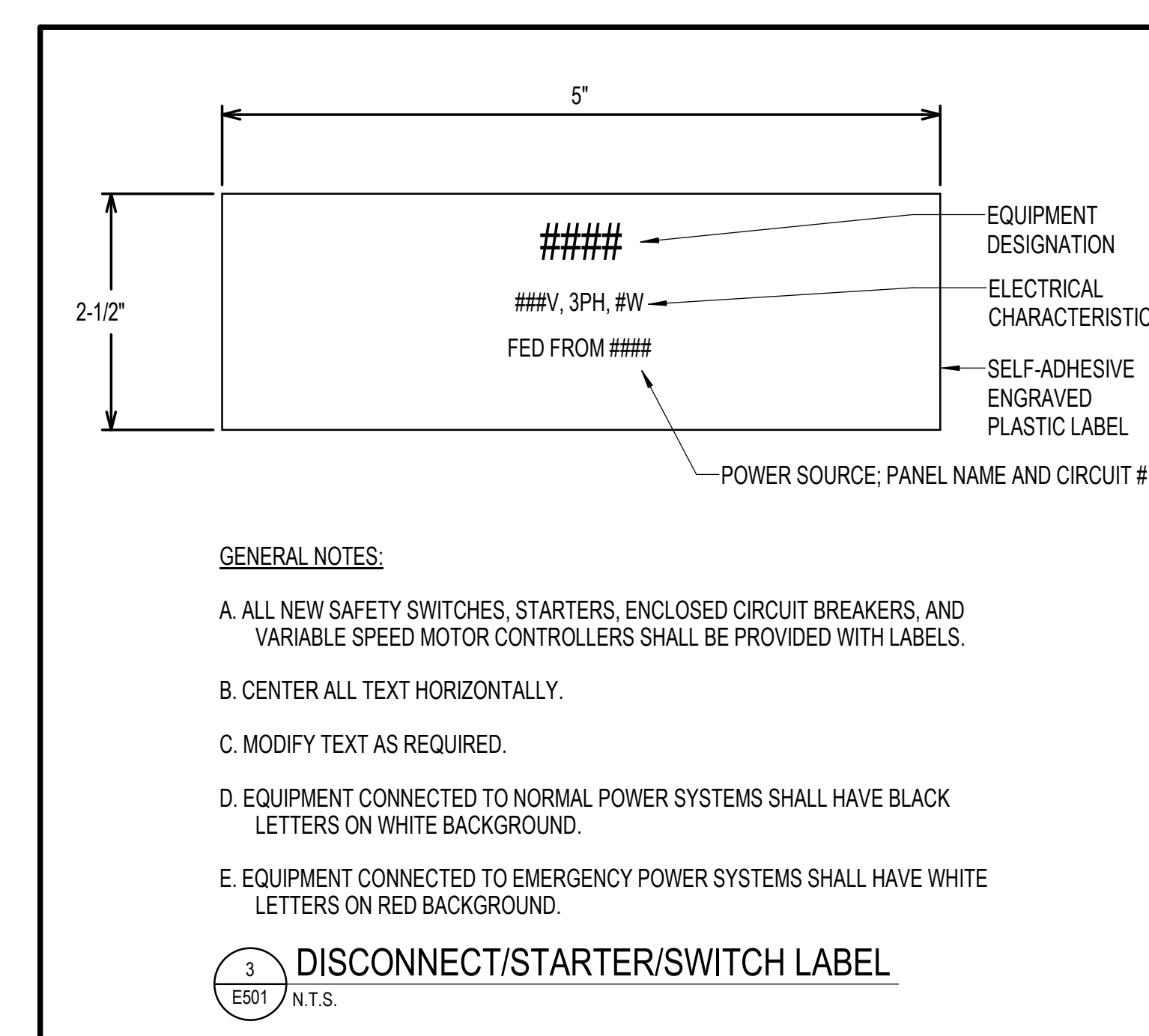
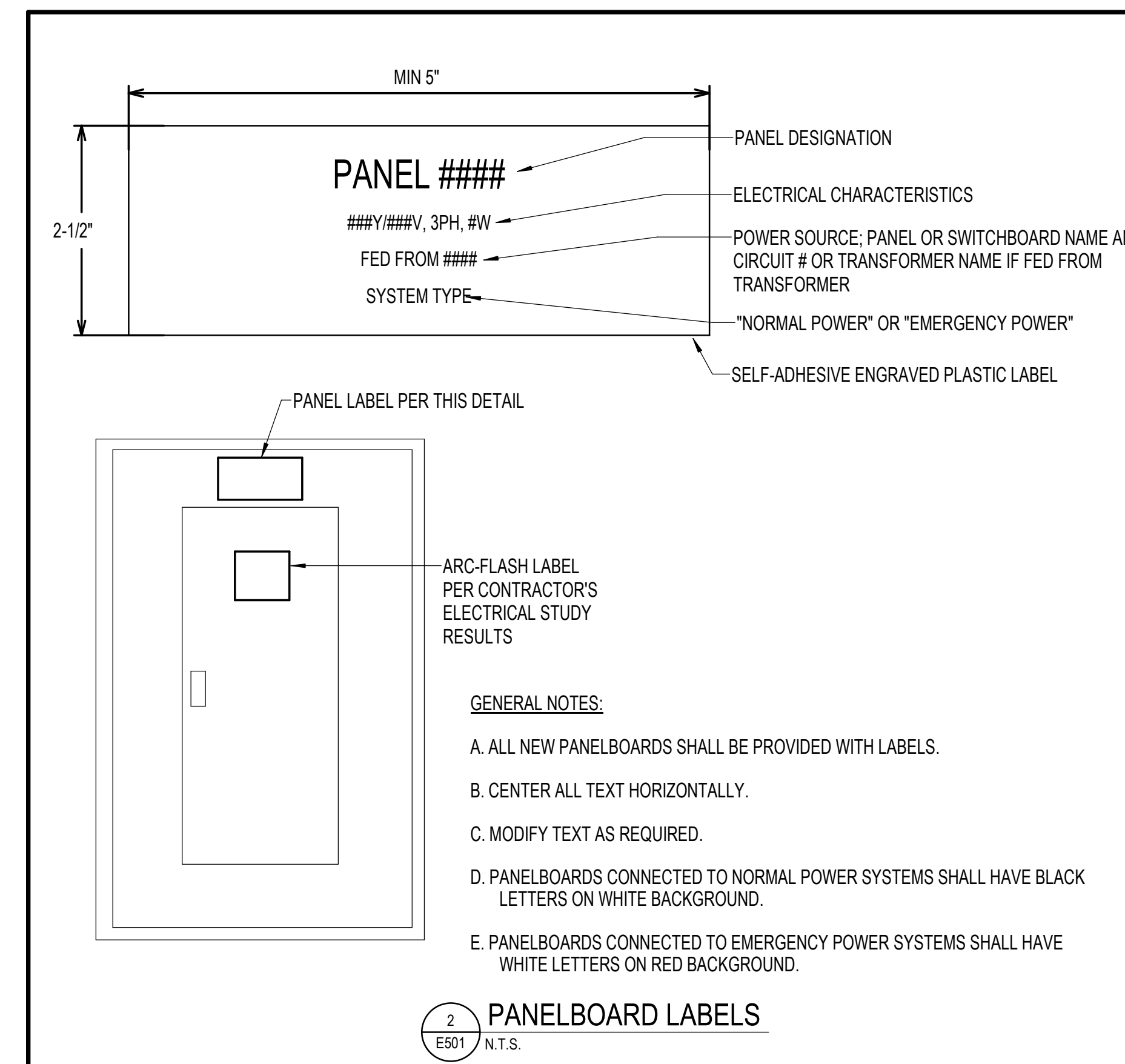
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Phase IFB #08-22
Project No. 0219.331.004
Date 12/23/2021

Drawing Title
MAIN ELECTRICAL ROOM AND SITE PLAN

Drawing No.
E401



APPROVED BY CITY OF ROCKVILLE, MD

DIRECTOR OF PUBLIC WORKS DATE
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Key Plan

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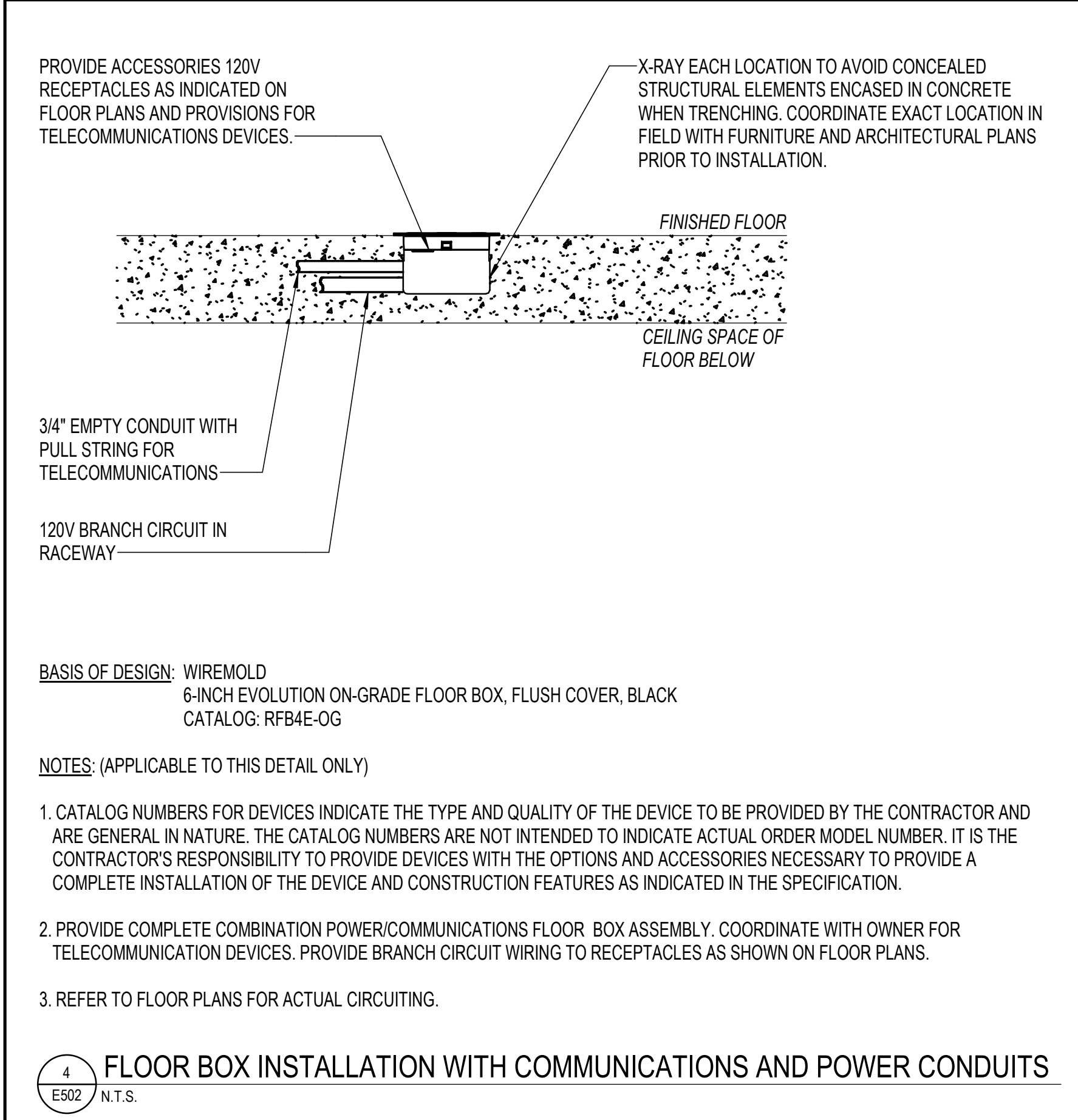
Phase
IFB #08-22

Project No.
0219.331.004

Date
12/23/2021

Drawing Title
ELECTRICAL DETAILS

Drawing No.
E501

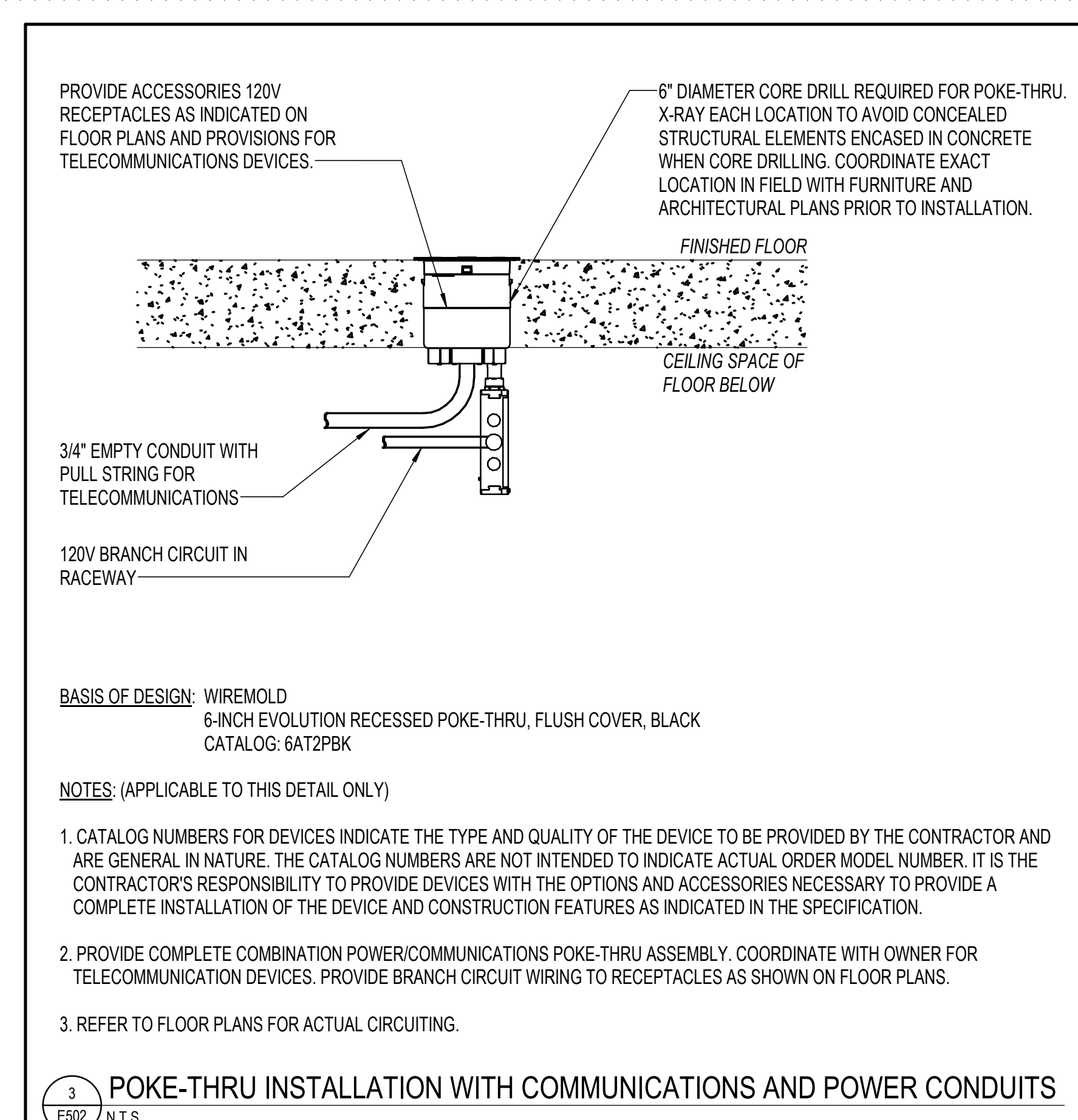


BASIS OF DESIGN: WIREMOLD
6-INCH EVOLUTION ON-GRADE FLOOR BOX, FLUSH COVER, BLACK
CATALOG: RFB4E-OG

NOTES: (APPLICABLE TO THIS DETAIL ONLY)

- CATALOG NUMBERS FOR DEVICES INDICATE THE TYPE AND QUALITY OF THE DEVICE TO BE PROVIDED BY THE CONTRACTOR AND ARE GENERAL IN NATURE. THE CATALOG NUMBERS ARE NOT INTENDED TO INDICATE ACTUAL ORDER MODEL NUMBER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE DEVICES WITH THE OPTIONS AND ACCESSORIES NECESSARY TO PROVIDE A COMPLETE INSTALLATION OF THE DEVICE AND CONSTRUCTION FEATURES AS INDICATED IN THE SPECIFICATION.
- PROVIDE COMPLETE COMBINATION POWER/COMMUNICATIONS FLOOR BOX ASSEMBLY. COORDINATE WITH OWNER FOR TELECOMMUNICATION DEVICES. PROVIDE BRANCH CIRCUIT WIRING TO RECEPTACLES AS SHOWN ON FLOOR PLANS.
- REFER TO FLOOR PLANS FOR ACTUAL CIRCUITING.

4 FLOOR BOX INSTALLATION WITH COMMUNICATIONS AND POWER CONDUITS
E502 N.T.S.

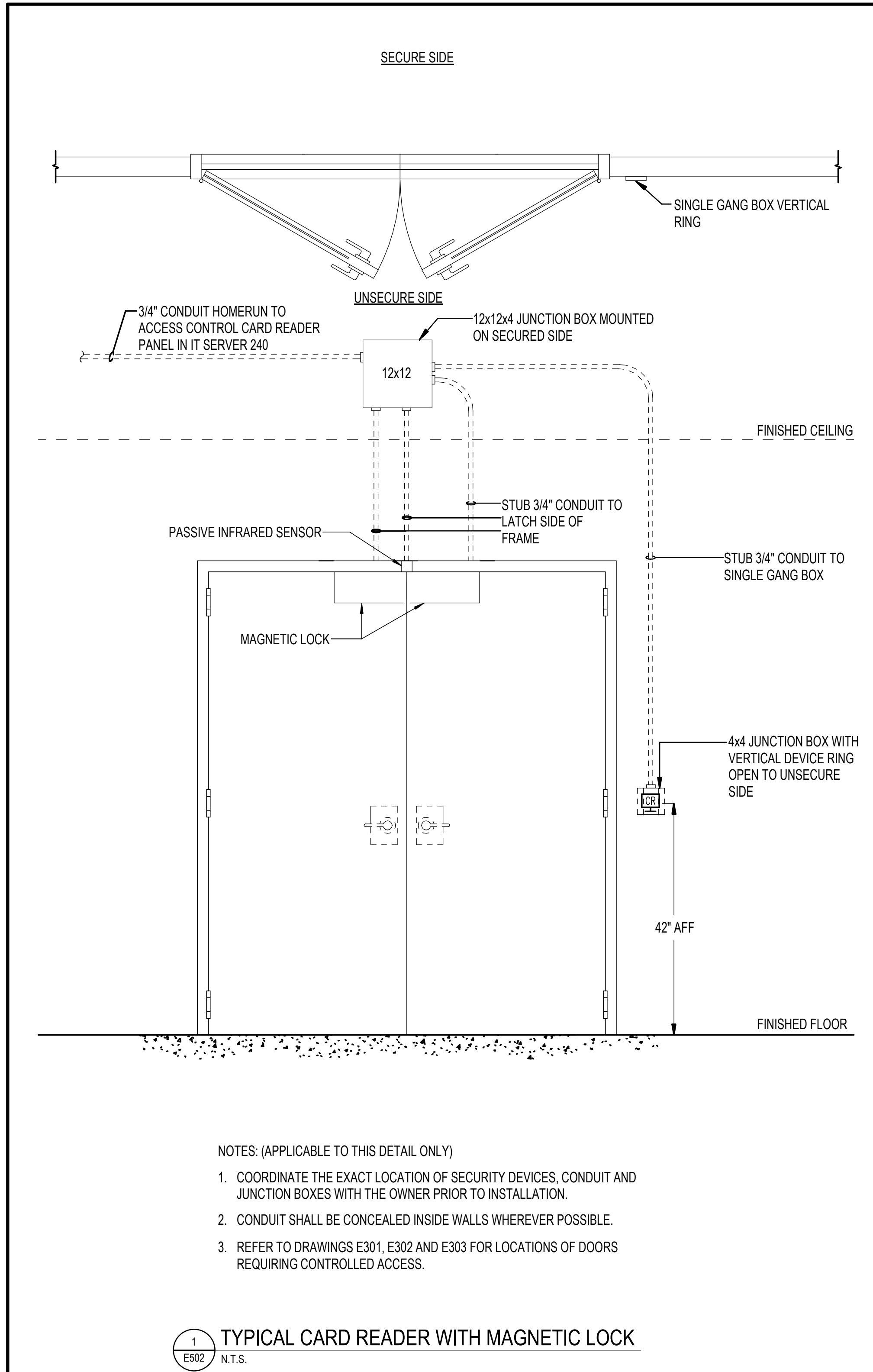


BASIS OF DESIGN: WIREMOLD
6-INCH EVOLUTION RECESSED POKE-THRU, FLUSH COVER, BLACK
CATALOG: 6AT2PBK

NOTES: (APPLICABLE TO THIS DETAIL ONLY)

- CATALOG NUMBERS FOR DEVICES INDICATE THE TYPE AND QUALITY OF THE DEVICE TO BE PROVIDED BY THE CONTRACTOR AND ARE GENERAL IN NATURE. THE CATALOG NUMBERS ARE NOT INTENDED TO INDICATE ACTUAL ORDER MODEL NUMBER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE DEVICES WITH THE OPTIONS AND ACCESSORIES NECESSARY TO PROVIDE A COMPLETE INSTALLATION OF THE DEVICE AND CONSTRUCTION FEATURES AS INDICATED IN THE SPECIFICATION.
- PROVIDE COMPLETE COMBINATION POWER/COMMUNICATIONS POKE-THRU ASSEMBLY. COORDINATE WITH OWNER FOR TELECOMMUNICATION DEVICES. PROVIDE BRANCH CIRCUIT WIRING TO RECEPTACLES AS SHOWN ON FLOOR PLANS.
- REFER TO FLOOR PLANS FOR ACTUAL CIRCUITING.

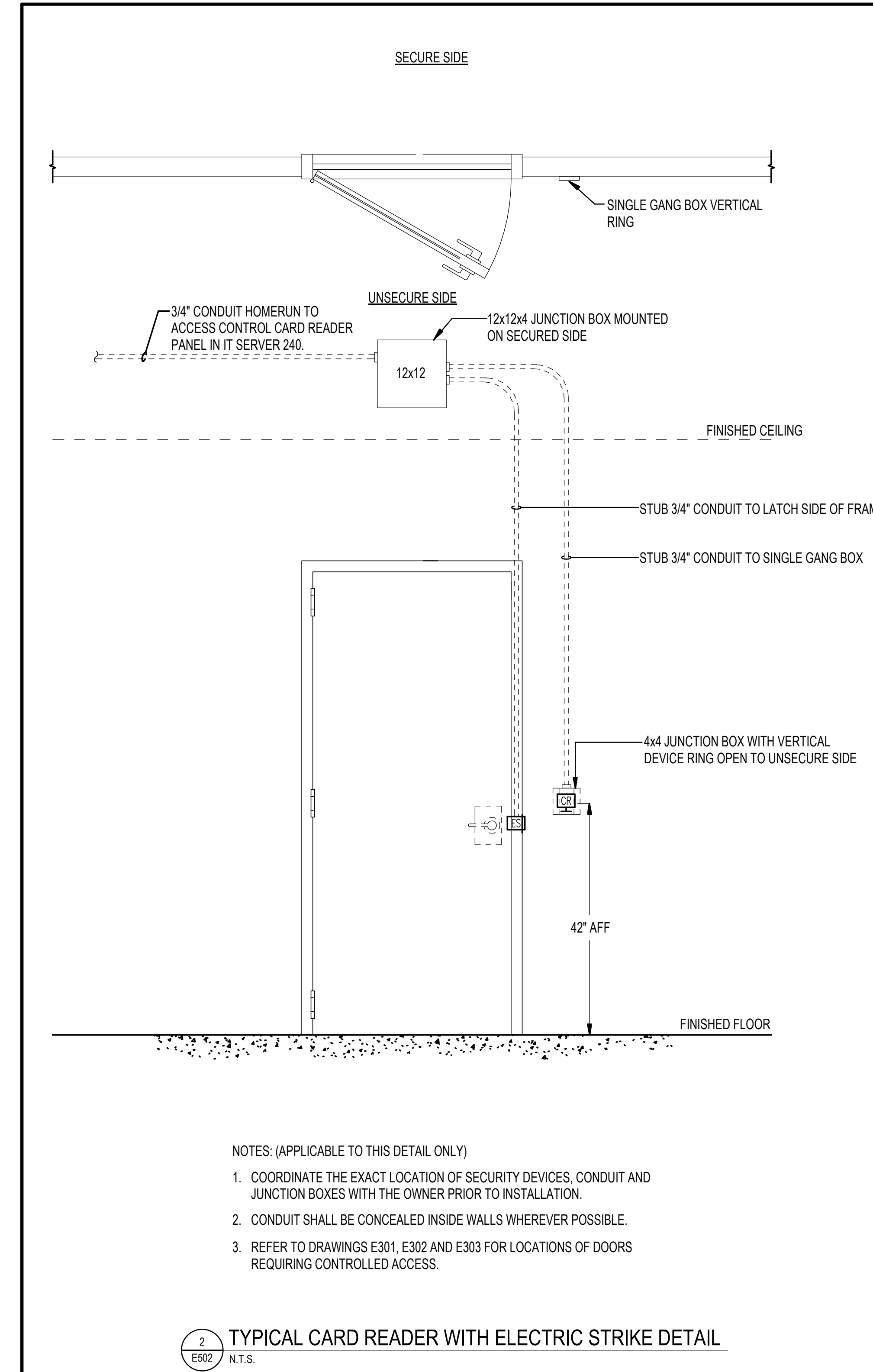
3 POKE-THRU INSTALLATION WITH COMMUNICATIONS AND POWER CONDUITS
E502 N.T.S.



NOTES: (APPLICABLE TO THIS DETAIL ONLY)

- COORDINATE THE EXACT LOCATION OF SECURITY DEVICES, CONDUIT AND JUNCTION BOXES WITH THE OWNER PRIOR TO INSTALLATION.
- CONDUIT SHALL BE CONCEALED INSIDE WALLS WHEREVER POSSIBLE.
- REFER TO DRAWINGS E301, E302 AND E303 FOR LOCATIONS OF DOORS REQUIRING CONTROLLED ACCESS.

1 TYPICAL CARD READER WITH MAGNETIC LOCK
E502 N.T.S.



NOTES: (APPLICABLE TO THIS DETAIL ONLY)

- COORDINATE THE EXACT LOCATION OF SECURITY DEVICES, CONDUIT AND JUNCTION BOXES WITH THE OWNER PRIOR TO INSTALLATION.
- CONDUIT SHALL BE CONCEALED INSIDE WALLS WHEREVER POSSIBLE.
- REFER TO DRAWINGS E301, E302 AND E303 FOR LOCATIONS OF DOORS REQUIRING CONTROLLED ACCESS.

2 TYPICAL CARD READER WITH ELECTRIC STRIKE DETAIL
E502 N.T.S.



APPROVED BY CITY OF ROCKVILLE, MD

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Phase
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Drawing Title
ELECTRICAL DETAILS

Drawing No.
E502

FEEDER TAG DESIGNATION	NOMINAL AMPERE RATING	NUMBER OF SETS	PHASE (A-B-C) CONDUCTOR		NEUTRAL CONDUCTOR	GROUND CONDUCTOR		CONDUIT SIZE		
			COPPER SIZE AWG/KCMIL	COPPER SIZE AWG/KCMIL		QUANTITY OF CONDUCTORS	COPPER SIZE AWG/KCMIL	(3P+G)	(3P+N+G)	(3P+2N+G) OR (3P+N+2G)
40.X	40	1	8	8	8	1	10	3/4"	1"	1"
45.X	45	1	6	6	6	1	10	1"	1"	1-1/4"
50.X	50	1	6	6	6	1	10	1"	1"	1-1/4"
60.X	60	1	4	4	4	1	10	1-1/4"	1-1/4"	1-1/4"
70.X	70	1	4	4	4	1	8	1-1/4"	1-1/4"	1-1/4"
80.X	80	1	3	3	3	1	8	1-1/4"	1-1/4"	1-1/2"
90.X	90	1	2	2	2	1	8	1-1/4"	1-1/2"	1-1/2"
100.X	100	1	1	1	1	1	8	1-1/2"	2"	2"
110.X	110	1	1	1	1	1	8	1-1/2"	2"	2"
125.X	125	1	1	1	1	1	6	1-1/2"	2"	2"
150.X	150	1	1/0	1/0	1/0	1	6	2"	2"	2"
175.X	175	1	2/0	2/0	2/0	1	6	2"	2"	2-1/2"
200.X	200	1	3/0	3/0	3/0	1	6	2"	2-1/2"	2-1/2"
225.X	225	1	4/0	4/0	4/0	1	4	2-1/2"	2-1/2"	3"
250.X	250	1	250	250	250	1	4	2-1/2"	3"	3"
300.X	300	1	350	350	350	1	4	3"	3"	3-1/2"
350.X	350	1	500	500	500	1	3	3-1/2"	3-1/2"	3-1/2"
400.X	400	2	3/0	3/0	3/0	1	3	2"	2-1/2"	2-1/2"
450.X	450	2	4/0	4/0	4/0	1	2	2-1/2"	2-1/2"	3"
500.X	500	2	250	250	250	1	2	2-1/2"	3"	3"
600.X	600	2	350	350	350	1	1	3"	3"	3-1/2"
800.X	800	3	300	300	300	1	1/0	3"	3"	3-1/2"
1000.X	1000	3	400	400	400	1	2/0	3"	3-1/2"	3-1/2"
1200.X	1200	4	350	350	350	1	3/0	3"	3-1/2"	3-1/2"
1600.X	1600	5	400	400	400	1	4/0	3"	3-1/2"	4"
1800.X	1800	5	500	500	500	1	250	3-1/2"	3-1/2"	4"
2000.X	2000	6	400	400	400	1	250	3"	3-1/2"	3-1/2"

DESIGNATIONS (WHERE X EQUALS G, NG, NNG, NNGG)
 60 ONE SET OF (3)#4 IN 1-1/4" CONDUIT
 60.G ONE SET OF (3)#4 & #10GW IN 1-1/4" CONDUIT
 60.NG ONE SET OF (4)#4 & #10GW IN 1-1/4" CONDUIT
 60.NNG ONE SET OF (5)#4 & #10GW IN 1-1/4" CONDUIT (DOUBLE NEUTRAL)
 60.NNGG ONE SET OF (4)#4 & (2)#10GW IN 1-1/4" CONDUIT (GROUND WIRE PLUS ISOLATED GROUND WIRE)

DRAWING NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- UNLESS OTHERWISE NOTED, ELECTRICAL ITEMS SHOWN BY SOLID HEAVY LINEWEIGHT (—) INDICATES NEW WORK TO BE PROVIDED. ELECTRICAL ITEMS SHOWN BY DASHED HEAVY LINEWEIGHT (---) INDICATES EXISTING WORK TO BE REMOVED. ELECTRICAL ITEMS SHOWN BY SOLID LIGHT LINEWEIGHT (---) INDICATES EXISTING ITEMS TO REMAIN.
- INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT DIRECTION BEFORE PROCEEDING WITH THE WORK.

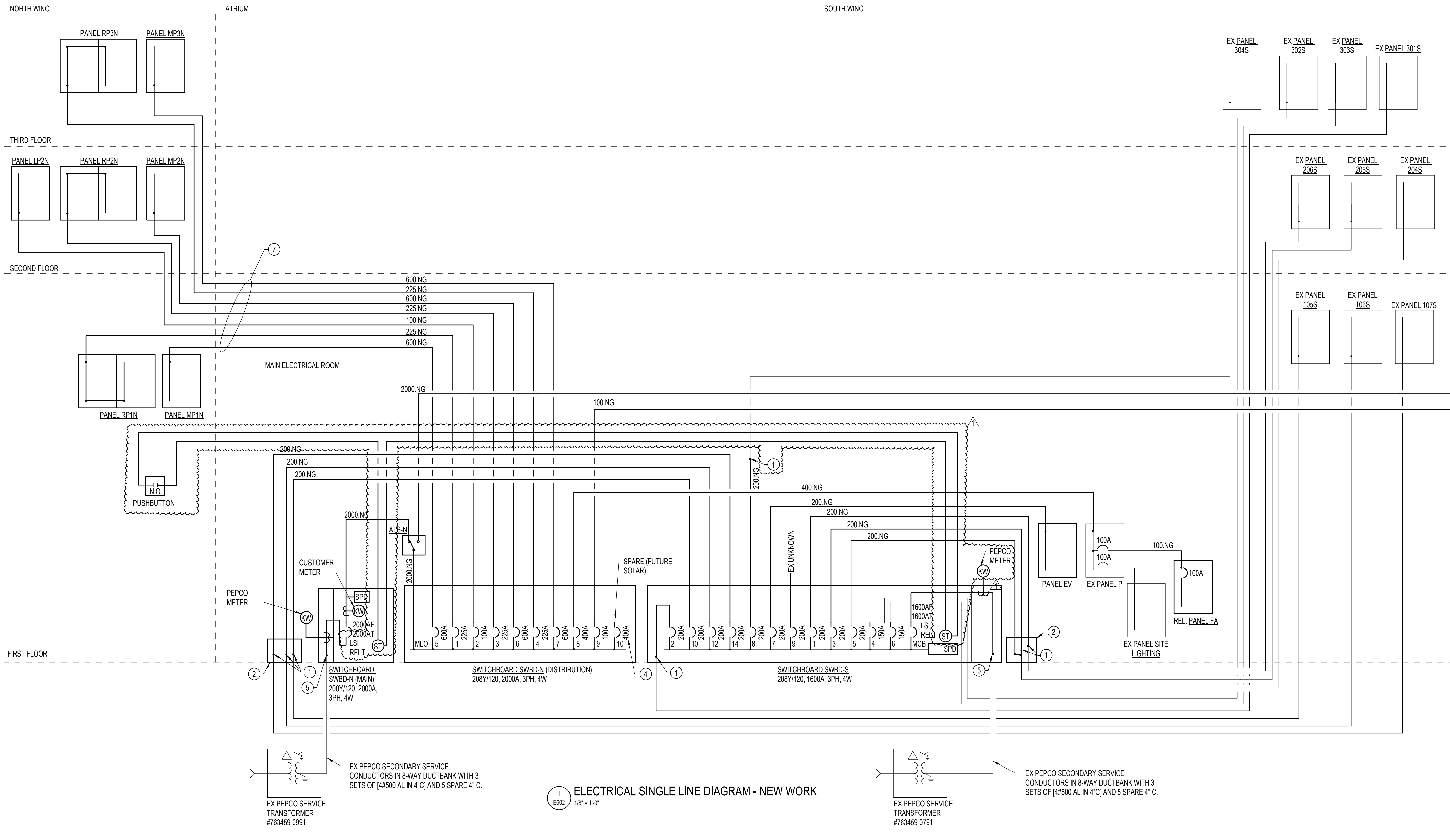
SPECIAL NOTES:
(APPLICABLE TO THIS DRAWING ONLY)

- EXTEND AND SPLICE EXISTING FEEDER AND CONDUIT AND MAKE CONNECTION SHOWN.
- SPLICE BOX TO CAPTURE AND EXTEND EXISTING FEEDERS AND CONDUITS SHOWN.
- WITH AUXILIARY CONTACTS TO ANNUNCIATE TO FIRE ALARM SYSTEM IN BUILDING IF THE PERMANENT STANDBY SOURCE IS DISCONNECTED FROM THE STANDBY SYSTEM.
- BREAKER FOR FUTURE PHOTOVOLTAIC SYSTEM CONNECTION. LOCATE AT OPPOSITE END OF BUSBAR FROM THE MAIN CIRCUIT BREAKER CONNECTION PER NEC 705.12.
- COORDINATE WITH PEPCO FOR CONNECTION OF SECONDARY SERVICE CONDUCTORS.
- KIRK KEY INTERLOCK SCHEME. INTERLOCK GENERATOR BREAKER WITH DOCKING STATION'S HINGED ACCESS COVER WITH ONE KEY SO ONLY ONE SOURCE IS CAPABLE OF SUPPLYING POWER TO THE BUS.
- ROUTE CONDUITS CONCEALED WITHIN UNDERSIDE OF SECOND FLOOR PEDESTRIAN BRIDGE THROUGH ATRIUM.



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1 E602 1/8" = 1'-0" ELECTRICAL SINGLE LINE DIAGRAM - NEW WORK

Key Plan

1	ADDENDUM 1	3/31/2022
No.	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1

ROCKVILLE MARYLAND

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 51055
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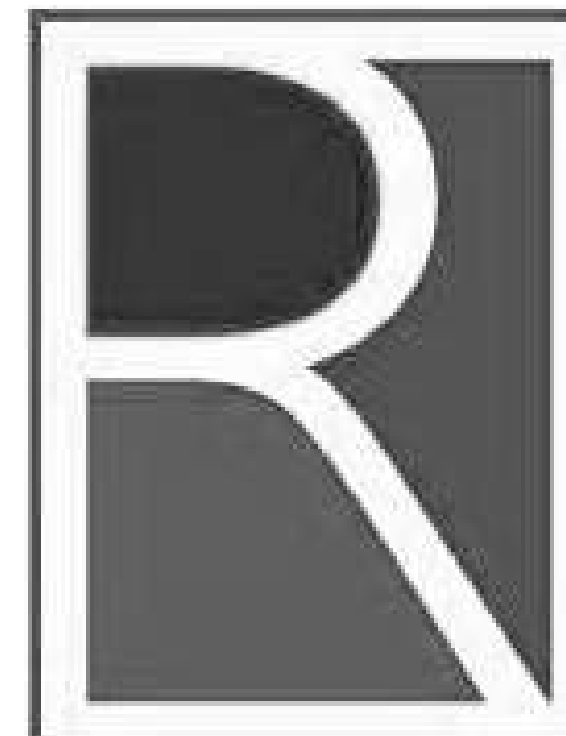
Phase
 IFB #08-22

Project No.
 0219.331.004

Date
 12/23/2021

Drawing Title
ELECTRICAL SINGLE LINE
DIAGRAM - NEW WORK

Drawing No.
E602



APPROVED BY CITY OF ROCKVILLE, MD

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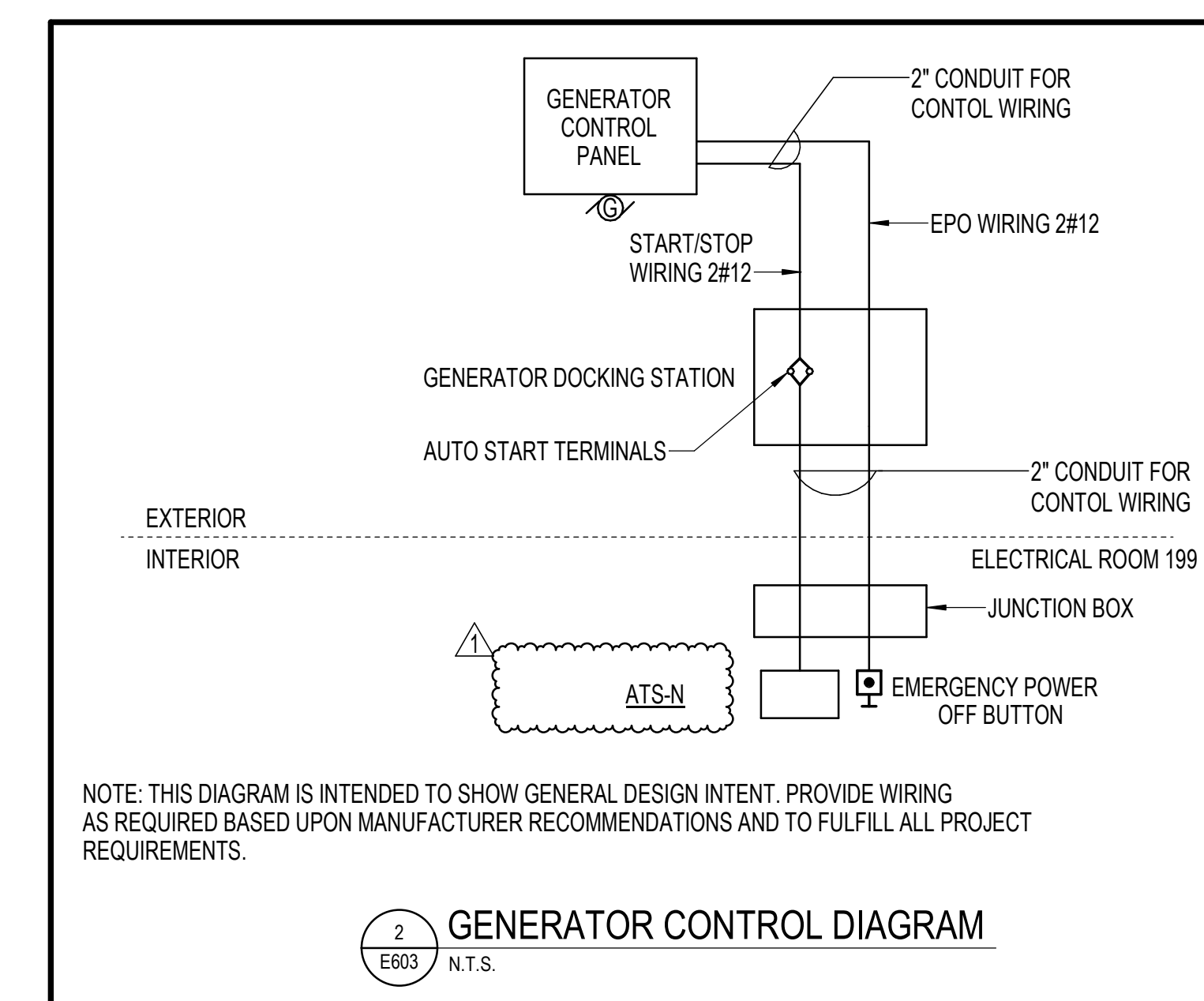
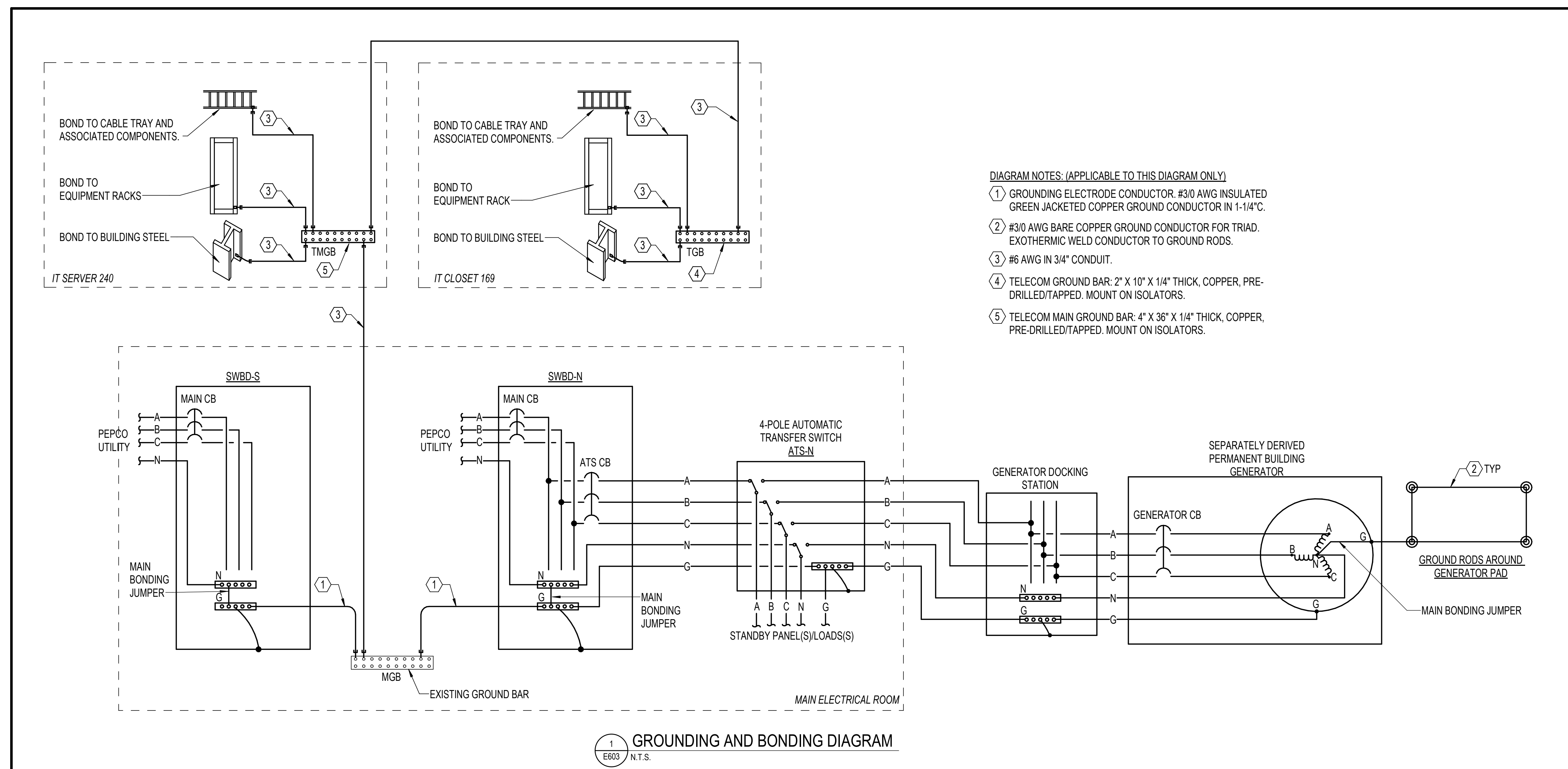
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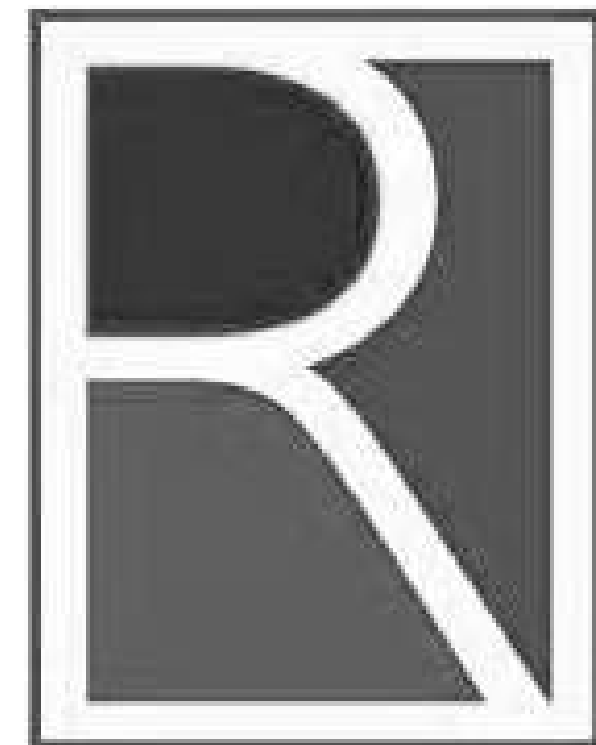
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 No. 51055
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 Phase
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 Project No.
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 Date
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Drawing Title
ELECTRICAL DIAGRAMS

Drawing No.
E603





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LUMINAIRE SCHEDULE															
TYPE	MOUNTING	LUMINAIRE DESCRIPTION	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN CATALOG NUMBER	LAMP					DRIVER		VOLTAGE	INPUT WATTS	NOTES	
					TYPE	CRI	CCT	QTY	WATTS / LAMP	LUMENS / LAMP	TYPE				QTY
B1	CEILING RECESSED	2X2 VOLUMETRIC TROFFER, STEEL HOUSING, IMPACT-MODIFIED CLEAR ACRYLIC LINEAR PRISMATIC DIFFUSER, 4000 LUMEN OUTPUT, DLC LISTED, 5-YEAR WARRANTY	LITHONIA	2VTL2-40L-ADP-GZ1-LP835	LED	80+	3500K	1	33.1	4070	0-10V DIMMING TO 1%	1	120V	33.1	-
B2	CEILING RECESSED	2X2 VOLUMETRIC TROFFER, STEEL HOUSING, IMPACT-MODIFIED CLEAR ACRYLIC LINEAR PRISMATIC DIFFUSER, 3300 LUMEN OUTPUT, DLC LISTED, 5-YEAR WARRANTY	LITHONIA	2VTL2-33L-ADP-GZ1-LP835	LED	80+	3500K	1	26.3	3299	0-10V DIMMING TO 1%	1	120V	26.3	-
B3	CEILING RECESSED	2X2 VOLUMETRIC TROFFER, STEEL HOUSING, IMPACT-MODIFIED CLEAR ACRYLIC LINEAR PRISMATIC DIFFUSER, 2000 LUMEN OUTPUT, DLC LISTED, 5-YEAR WARRANTY	LITHONIA	2VTL2-20L-ADP-GZ1-LP835	LED	80+	3500K	1	15.9	2038	0-10V DIMMING TO 1%	1	120V	15.9	-
D1	CEILING RECESSED	6" ROUND DOWNLIGHT, 3000 LUMEN OUTPUT, CLEAR REFLECTOR, WIDE DISTRIBUTION, SEMI-SPECULAR FINISH, WET LOCATION COVERED CEILING	GOTHAM	EVO6-35/30-AR-WD-LSS-120-GZ1	LED	80+	3500K	1	29.5	3077	0-10V DIMMING TO 1%	1	120V	29.5	-
D3	CEILING RECESSED	6" ROUND DOWNLIGHT, 2000 LUMEN OUTPUT, CLEAR REFLECTOR, WIDE DISTRIBUTION, SEMI-SPECULAR FINISH, WET LOCATION COVERED CEILING	GOTHAM	EVO6-35/20-AR-WD-LSS-120-GZ1	LED	80+	3500K	1	19.6	2006	0-10V DIMMING TO 1%	1	120V	19.6	-
D4	CEILING RECESSED	6" ROUND DOWNLIGHT, 1500 LUMEN OUTPUT, CLEAR REFLECTOR, WIDE DISTRIBUTION, SEMI-SPECULAR FINISH, WET LOCATION COVERED CEILING	GOTHAM	EVO6-35/15-AR-WD-LSS-120-GZ1	LED	80+	3500K	1	14.7	1471	0-10V DIMMING TO 1%	1	120V	14.7	-
D5	CEILING RECESSED	6" ROUND DOWNLIGHT, 1000 LUMEN OUTPUT, CLEAR REFLECTOR, WIDE DISTRIBUTION, SEMI-SPECULAR FINISH, WET LOCATION COVERED CEILING	GOTHAM	EVO6-35/10-AR-WD-LSS-120-GZ1	LED	80+	3500K	1	9.6	994	0-10V DIMMING TO 1%	1	120V	9.6	-
D6	CEILING SURFACE	6" ROUND LOW PROFILE DOWNLIGHT, HIGH IMPACT POLYSTYRENE LENS, CLOSED CELL GASKET, DAMP LOCATION LISTED, 5-YEAR WARRANTY, ENERGY STAR CERTIFIED	COOPER LIGHTING	SMD6R-12-935-WH-SMDRTRMSN	LED	90+	3500K	1	16	1252	0-10V DIMMING TO 1%	1	120V	16	-
E1	CEILING SURFACE	CEILING MOUNTED LED EDGE LIT EXIT SIGN WITH RED LETTERING, INTEGRAL NICKEL-CADMIUM BATTERY	LITHONIA	EDGR-R-EL	LED	-	-	1	2.5	-	-	1	120V	2.5	-
E2	WALL/CEILING	EMERGENCY BATTERY UNIT, ADJUSTIBLE DUAL-HEAD, LITHIUM IRON PHOSPHATE BATTERY, DAMP LOCATION LISTED	LITHONIA	ELM6L-UVOLT-LTP	LED	80+	3500K	2	5.5	1100	-	1	120V	11	-
F1	CEILING SURFACE	4 STRIPLIGHT, COLD ROLLED STEEL HOUSING, DIFFUSE LENS, DAMP LOCATION LISTED, DLC LISTED, 5-YEAR WARRANTY	LITHONIA	ZL1D-L48-SMR-3000LM-FST-120-35K-80CR	LED	80+	3500K	1	30	3966	DIMMING TO 10%	1	120V	30	-
F2	CEILING SURFACE	2' STRIPLIGHT, COLD ROLLED STEEL HOUSING, DIFFUSE LENS, DAMP LOCATION LISTED, DLC LISTED, 5-YEAR WARRANTY	LITHONIA	ZL1D-L24-SMR-1500LM-FST-120-35K-80CR	LED	80+	3500K	1	17	2030	DIMMING TO 10%	1	120V	17	-
P1	CEILING SUSPENDED	3" DIAMETER PENDANT, ALUMINUM HOUSING, OPAL ACRYLIC DIFFUSER, AIRCRAFT CABLE SUSPENDED IN NEXUS CENTRAL REMOTE MOUNTING STYLE 13'-3" AFF, BRONZE FINISH, REMOTE DRIVERS	DELRAY	6723-BR-W35-NCR-D-RR	LED	80+	3500K	1	73	5580	0-10V DIMMING TO 1%	2	120V	73	-
S1	YOKE/ROOF MOUNTED	24" X 10.2" X 9.1" FLOOD LUMINAIRE, MEDIUM FLOOD DISTRIBUTION, YOKE MOUNT, BLACK FINISH, INTEGRAL PHOTOCELL, DLC LISTED, 5-YEAR WARRANTY	LITHONIA	HLF1-LED-P1-40K-MFL-120-YK64-DBLXD-DLL127F 1.5 JU	LED	70	4000K	1	163	24795	CONSTANT OUTPUT	1	120V	163	-
W1	WALL SURFACE	4' LENGTH LINEAR FIXTURE WITH INTEGRAL OCCUPANCY SENSOR, DIE FORMED STEEL HOUSING, EXTRUDED CLEAR PRISMATIC POLYCARBONATE LENS VANDAL RESISTANT, WHITE FINISH, AND STANDBY MODE FOR FIXTURE DIMMING TO 50% WHEN UNOCCUPIED, DLC LISTED, 10-YEAR WARRANTY	LUMINAIRE LED	TSL9 46IN 50W 35K MVOLT CLP WHT FAM7	LED	82	3500K	1	57.1	6435	0-10V DIMMING TO 10%	1	120V	57.1	-

- NOTES: (APPLICABLE TO LUMINAIRE SCHEDULE ONLY)
- LAMP TYPES ARE INDICATED BY INDUSTRY GENERIC DESIGNATIONS; SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.
 - CATALOG NUMBERS FOR LUMINAIRES INDICATE THE TYPE AND QUALITY OF THE LUMINAIRE TO BE PROVIDED BY THE CONTRACTOR AND ARE GENERAL IN NATURE. THE CATALOG NUMBERS ARE NOT INTENDED TO INDICATE AN ACTUAL ORDER MODEL NUMBER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE LUMINAIRES WITH THE TYPE OF LAMP, BALLAST, LENS OR DIFFUSER, AND CONSTRUCTION FEATURES AS INDICATED IN THE SPECIFICATIONS.
 - WHERE A LUMINAIRE IS NOTED AS "NO EQUAL," SUBSTITUTIONS WILL NOT BE ACCEPTED. EQUIVALENT LUMINAIRES WILL BE ACCEPTED PROVIDED THEY ARE PROVEN TO BE EQUAL TO, OR BETTER THAN, THE SPECIFIED LUMINAIRE IN ALL RESPECTS. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, CONSTRUCTION FEATURES, APPEARANCE, AND PERFORMANCE. SUBMIT THE FOLLOWING FOR EACH PROPOSED SUBSTITUTION:
 - SAMPLE OF PROPOSED EQUIVALENT LUMINAIRE FOR TABLE-TOP EVALUATION. SAMPLE SHALL BE AN EXACT MATCH TO THE PROPOSED SUBSTITUTION INCLUDING ALL FEATURES, FINISHES, LAMPING, OPTIONS, ACCESSORIES, MOUNTING BRACKETS, ETC. SAMPLE SHALL INCLUDE 120V CORD AND NEMA 5-20P PLUG FOR OPERATIONAL TEST DURING TABLE-TOP EVALUATION.
 - POINT-BY-POINT LIGHT LEVEL CALCULATIONS IN 3-DIMENSIONAL LIGHTING CALCULATION SOFTWARE TO ILLUSTRATE GUARANTEED ILLUMINATION LEVELS. EACH SPACE AFFECTED BY A SUBSTITUTION SHALL BE MODELED AND CALCULATED USING INDUSTRY STANDARD VALUES FOR REFLECTANCES, LIGHT LOSS FACTOR, ETC. ENGINEER WILL COMPARE TO BASIS OF DESIGN LUMINAIRE AND ENGINEER'S CALCULATIONS TO APPROVE OR REJECT SUBSTITUTE LUMINAIRE. PROVIDE IES FILE TO ENGINEER FOR PROPOSED SUBSTITUTE ALONG WITH CALCULATION RESULTS.
 - POINT-BY-POINT COMPARATIVE DATA IN SIDE-BY-SIDE FORMAT COMPARING FEATURES OF SUBSTITUTE LUMINAIRE TO BASIS-OF-DESIGN LUMINAIRE.
 - ALL REQUIREMENTS OF DIVISION 1 SECTION "SUBSTITUTION PROCEDURES."
 - COORDINATE CONTROL COMPATIBILITY BETWEEN BALLAST/DRIVER TYPES FOR ALL DIMMED LUMINAIRES WITH MANUFACTURER AND MODEL OF DIMMING CONTROL DEVICES.
 - PROVIDE EXIT SIGNS WITH SINGLE FACE OR DOUBLE FACE AND WITH OR WITHOUT CHEVRONS AS INDICATED ON THE DRAWINGS. PROVIDE RED OR GREEN LETTERING AS REQUIRED BY AHJ.
 - ALL MOUNTING HEIGHTS SHALL BE AS INDICATED ON THE DRAWINGS OR AS DIRECTED BY THE ARCHITECT OR ENGINEER. MOUNTING HEIGHTS OF WALL MOUNTED LUMINAIRES SHALL BE MEASURED FROM THE FINISHED FLOOR TO THE CENTERLINE OF THE LUMINAIRE. MOUNTING HEIGHTS OF CEILING SUSPENDED LUMINAIRES SHALL BE MEASURED FROM THE FINISHED FLOOR TO THE BOTTOM OF THE LUMINAIRE.

Key Plan

1	ADDENDUM 1	3/31/2022
No.	Revision	Date

Project Name
CITY OF ROCKVILLE
6 TAFT COURT RENOVATION
PHASE 1
ROCKVILLE MARYLAND

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Phase: IFB #08-22
Project No.: 0219.331.004
Date: 12/23/2021

Drawing Title
LUMINAIRE SCHEDULE

Drawing No.
E801

COMBINATION MOTOR STARTER DISCONNECT SCHEDULE																
DESIGNATION	VOLT RATING	POLES	NEMA ENCLOSURE	DISCONNECT SWITCH			MOTOR STARTER				CONTROLS				NOTES	
				CIRCUIT BREAKER	AMP RATING	FUSE AMPS	FUSE CLASS	TYPE	NEMA SIZE	COIL VOLTS	AUXILIARY CONTACTS	OVERLOAD HEATERS	TRANSFORMER	PUSH BUTTON		PILOT LIGHT
CMS-EF-1	208	3	3R	-	30	15	RKS	FVNR	1	120	2 NC + 2 NO	SEE NOTE 1	SEE NOTE 2	SEE NOTE 3	SEE NOTE 4	SEE NOTE 5
CMS-EF-2	208	3	3R	-	30	15	RKS	FVNR	1	120	2 NC + 2 NO	SEE NOTE 1	SEE NOTE 2	SEE NOTE 3	SEE NOTE 4	SEE NOTE 5

NOTES: (APPLICABLE TO COMBINATION MOTOR STARTER DISCONNECT SWITCH SCHEDULE ONLY)

- ELECTRICAL CONTRACTOR SHALL SIZE OVERLOAD HEATERS IN FIELD PER ACTUAL MOTOR NAMEPLATE DATA.
- UNIT SHALL BE EQUIPPED WITH CONTROL TRANSFORMER WITH 480V PRIMARY AND 120V FUSED SECONDARY.
- UNIT SHALL BE EQUIPPED WITH RED "RUN" AND GREEN "STOP" PUSHBUTTONS.
- UNIT SHALL BE EQUIPPED WITH RED "RUN" AND GREEN "OFF" PUSH TO TEST TYPE PILOT LIGHTS.
- UNIT SHALL BE EQUIPPED WITH HOA SELECTOR SWITCH.

AUTOMATIC TRANSFER SWITCH SCHEDULE											
DESIGNATION	AMPACITY	PHASE	WIRES	SWITCHED POLES	BYPASS ISOLATION	PRIORITY	TRANSITION	VOLTAGE	MOUNTING	SCRR RATING	REMARKS
ATS-N	2000	3	4	4	NO	1	OPEN	208/120	FLOOR	65KAIC	FOR NEC 702 SYSTEM LOADS. FRONT CONNECTED.

MECHANICAL EQUIPMENT ELECTRICAL CONNECTION SCHEDULE												
EQUIPMENT DESIGNATION	KW	HP	MCA	MOCP	FLA	VOLTAGE	PHASE	LOAD (kVA)	WIRING	DISCONNECTING MEANS	CONTROL MEANS	NOTES
ACCU-1	-	-	18.3	20	14.7	208	1	3.05	2#12-#12GW IN 3/4" C.	DS-ACCU-1	INTEGRAL	
ACCU-2	-	-	18.3	20	14.7	208	1	3.05	2#12-#12GW IN 3/4" C.	DS-ACCU-2	INTEGRAL	
ACU-1	-	-	-	-	0.2	208	1	0.05	2#12-#12GW IN 3/4" C.	MMS	-	POWERED FROM ASSOCIATED OUTDOOR ACCU UNIT.
ACU-2	-	-	-	-	0.2	208	1	0.05	2#12-#12GW IN 3/4" C.	MMS	-	POWERED FROM ASSOCIATED OUTDOOR ACCU UNIT.
ATU-1.1	8	-	-	30	22.2	208	3	8.00	3#10-#10GW IN 3/4" C.	INTEGRAL	-	
ATU-1.2	0.5	-	-	15	4.2	120	1	0.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-1.3	1	-	-	15	8.3	120	1	1.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-1.4	2.5	-	-	20	12.0	208	1	2.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-1.5	1	-	-	15	8.3	120	1	1.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-1.6	1	-	-	15	8.3	120	1	1.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-1.7	2.5	-	-	20	12.0	208	1	2.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-1.8	1	-	-	15	8.3	120	1	1.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-1.9	5	-	-	35	24.0	208	1	5.00	2#8-#10GW IN 3/4" C.	INTEGRAL	-	
ATU-1.10	0.5	-	-	15	4.2	120	1	0.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-1.11	0.5	-	-	15	4.2	120	1	0.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-1.12	1	-	-	15	8.3	120	1	1.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-1.13	1	-	-	15	8.3	120	1	1.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-1.14	0.5	-	-	15	4.2	120	1	0.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-1.15	4	-	-	25	19.2	208	1	4.00	2#10-#10GW IN 3/4" C.	INTEGRAL	-	
ATU-1.16	0.5	-	-	15	4.2	120	1	0.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-1.17	0.5	-	-	15	4.2	120	1	0.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-1.18	1	-	-	15	8.3	120	1	1.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-1.19	5.5	-	-	35	26.4	208	1	5.50	2#8-#10GW IN 3/4" C.	INTEGRAL	-	
ATU-1.20	5.5	-	-	35	26.4	208	1	5.50	2#8-#10GW IN 3/4" C.	INTEGRAL	-	
ATU-2.1	3	-	-	20	14.4	208	1	3.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.2	2	-	-	25	16.7	120	1	2.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.3	0.5	-	-	15	4.2	120	1	0.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.4	0.5	-	-	15	4.2	120	1	0.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.5	1	-	-	15	8.3	120	1	1.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.6	1	-	-	15	8.3	120	1	1.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.7	2.5	-	-	20	12.0	208	1	2.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.8	2	-	-	25	16.7	120	1	2.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.9	2	-	-	25	16.7	120	1	2.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.10	4	-	-	25	19.2	208	1	4.00	2#10-#10GW IN 3/4" C.	INTEGRAL	-	
ATU-2.11	2	-	-	25	16.7	120	1	2.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.12	1.5	-	-	20	12.5	120	1	1.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.13	1.5	-	-	20	12.5	120	1	1.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.14	3	-	-	20	14.4	208	1	3.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.15	0.5	-	-	15	4.2	120	1	0.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.16	1.5	-	-	20	12.5	120	1	1.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.17	1.5	-	-	20	12.5	120	1	1.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.18	1.5	-	-	20	12.5	120	1	1.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.19	1.5	-	-	20	12.5	120	1	1.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.20	2	-	-	25	16.7	120	1	2.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.21	1.5	-	-	20	12.5	120	1	1.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.22	4	-	-	25	19.2	208	1	4.00	2#10-#10GW IN 3/4" C.	INTEGRAL	-	
ATU-2.23	1.5	-	-	20	12.5	120	1	1.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.24	2.5	-	-	20	12.0	208	1	2.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.25	1.5	-	-	20	12.5	120	1	1.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.26	4	-	-	25	19.2	208	1	4.00	2#10-#10GW IN 3/4" C.	INTEGRAL	-	
ATU-2.27	2	-	-	25	16.7	120	1	2.00	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
ATU-2.28	8	-	-	30	22.2	208	3	8.00	3#10-#10GW IN 3/4" C.	INTEGRAL	-	
ATU-2.29	4	-	-	25	19.2	208	1	4.00	2#10-#10GW IN 3/4" C.	INTEGRAL	-	
ATU-2.30	0.5	-	-	15	4.2	120	1	0.50	2#12-#12GW IN 3/4" C.	INTEGRAL	-	
CP-1	-	1/8	-	15	2.0	120	1	0.24	2#12-#12GW IN 3/4" C.	MMS	INTEGRAL	
DWH-1	-	-	-	20	5.0	120	1	0.60	2#12-#12GW IN 3/4" C.	MMS	INTEGRAL	
EF-1	-	1	5.75	15	4.6	208	3	1.66	3#12-#12GW IN 3/4" C.	CMS-EF-1	CMS-EF-1	
EF-2	-	1.5	8.25	15	6.6	208	3	2.37	3#12-#12GW IN 3/4" C.	CMS-EF-2	CMS-EF-2	
PUMP-1	-	1/8	-	15	4.0	120	1	0.48	2#12-#12GW IN 3/4" C.	MMS	INTEGRAL	
PUMP-2	-	(2) 7-1/2	56	60	50.0	208	3	18.00	3#4-#10GW IN 1-1/4" C.	INTEGRAL	INTEGRAL	
RTU-1	-	-	160	200	148.1	208	3	53.36	3#3/0-#6GW IN 2-1/2" C.	DS-RTU-1	INTEGRAL	
RTU-2	-	-	214	250	203.2	208	3	73.22	3#250-#4GW IN 3" C.	DS-RTU-2	INTEGRAL	
RTU-3	-	-	48	70	38.4	208	3	13.82	3#4-#8GW IN 1-1/4" C.	DS-RTU-3	INTEGRAL	
RTU-4	-	-	95	110	75.9	208	3	27.35	3#1-#8GW IN 2" C.	DS-RTU-4	INTEGRAL	
UH-1	3	-	-	20	14.4	208	1	3.00	2#12-#12GW IN 3/4" C.	INTEGRAL	INTEGRAL	
UH-2	3	-	-	20	14.4	208	1	3.00	2#12-#12GW IN 3/4" C.	INTEGRAL	INTEGRAL	
UH-3	3.3	-	-	20	15.9	208	1	3.30	2#12-#12GW IN 3/4" C.	2P-20A TOGGLE SWITCH	INTEGRAL	
UH-4	3.3	-	-	20	15.9	208	1	3.30	2#12-#12GW IN 3/4" C.	2P-20A TOGGLE SWITCH	INTEGRAL	
UH-5	3.3	-	-	20	15.9	208	1	3.30	2#12-#12GW IN 3/4" C.	2P-20A TOGGLE SWITCH	INTEGRAL	
UH-6	3.3	-	-	20	15.9	208	1	3.30	2#12-#12GW IN 3/4" C.	2P-20A TOGGLE SWITCH	INTEGRAL	
UH-7	3.3	-	-	20	15.9	208	1	3.30	2#12-#12GW IN 3/4" C.	2P-20A TOGGLE SWITCH	INTEGRAL	
UH-8	3.3	-	-	20	15.9	208	1	3.30	2#12-#12GW IN 3/4" C.	2P-20A TOGGLE SWITCH	INTEGRAL	
UH-9	3.3	-	-	20	15.9	208	1	3.30	2#12-#12GW IN 3/4" C.	2P-20A TOGGLE SWITCH	INTEGRAL	

NOTES: (APPLICABLE TO MECHANICAL EQUIPMENT ELECTRICAL CONNECTION SCHEDULE ONLY)

- REVIEW EQUIPMENT SUBMITTALS FROM OTHER TRADES PRIOR TO ORDERING OR INSTALLING ASSOCIATED ELECTRICAL WORK. ELECTRICAL CONTRACTOR SHALL MODIFY COMPONENTS OF THE ELECTRICAL CONNECTIONS AS NECESSARY TO MATCH NAMEPLATE DATA OF APPROVED EQUIPMENT AND PROVIDE A CODE COMPLIANT INSTALLATION, INCLUDING BUT NOT LIMITED TO CIRCUIT BREAKERS, WIRE, CONDUITS, CONNECTION TYPES, SWITCHES, AND FUSES. CHANGE ORDERS AND EXTRAS WILL NOT BE AWARDED FOR FAILURE TO COORDINATE WITH OTHER TRADES' EQUIPMENT SUBMITTALS.
- PROVIDE NECESSARY SUPPORTING STRUT CHANNEL AND ALL MISCELLANEOUS HARDWARE FOR MOUNTING ELECTRICAL EQUIPMENT. MAINTAIN NEC WORKING CLEARANCES. FIELD COORDINATE EXACT LOCATIONS. DO NOT MOUNT ON EQUIPMENT ACCESS PANELS OR IN EQUIPMENT MANUFACTURERS' RECOMMENDED MAINTENANCE CLEARANCES. COORDINATE EXACT LOCATION OF SAFETY SWITCHES WITH MECHANICAL EQUIPMENT CONTRACTOR.

BRANCH CIRCUIT SCHEDULE	
120 OR 277 VOLT, 1PH, 2W CIRCUITS	
CIRCUIT BREAKER	CONDUCTOR & CONDUIT SIZE
15A-1P	2#12 + #12GW IN 3/4" C
20A-1P	2#12 + #12GW IN 3/4" C
25A-1P	2#10 + #10GW IN 3/4" C
30A-1P	2#10 + #10GW IN 3/4" C
35A-1P	2#8 + #10GW IN 3/4" C
40A-1P	2#8 + #10GW IN 3/4" C
45A-1P	2#6 + #10GW IN 3/4" C
50A-1P	2#6 + #10GW IN 3/4" C
60A-1P	2#4 + #10GW IN 1" C

208 VOLT, 1PH, 2W CIRCUITS	
CIRCUIT BREAKER	CONDUCTOR & CONDUIT SIZE
15A-2P	2#12 + #12GW IN 3/4" C
20A-2P	2#12 + #12GW IN 3/4" C
25A-2P	2#10 + #10GW IN 3/4" C
30A-2P	2#10 + #10GW IN 3/4" C
35A-2P	2#8 + #10GW IN 3/4" C
40A-2P	2#8 + #10GW IN 3/4" C
45A-2P	2#6 + #10GW IN 3/4" C
50A-2P	2#6 + #10GW IN 3/4" C
60A-2P	2#4 + #10GW IN 1" C

120/208 VOLT, 1PH, 3W CIRCUITS	
CIRCUIT BREAKER	CONDUCTOR & CONDUIT SIZE
15A-2P	3#12 + #12GW IN 3/4" C
20A-2P	3#12 + #12GW IN 3/4" C
25A-2P	3#10 + #10GW IN 3/4" C
30A-2P	3#10 + #10GW IN 3/4" C
35A-2P	3#8 + #10GW IN 3/4" C
40A-2P	3#8 + #10GW IN 3/4" C
45A-2P	3#6 + #10GW IN 1" C
50A-2P	3#6 + #10GW IN 1" C
60A-2P	3#

EX PANEL P													
SERVICE TYPE: STANDBY GENERAL MAIN ELEC MANUFACTURER: SQUARE D TYPE: NQDD FED FROM: SWBD-N				BUS AMPACITY: 400 A MAIN TYPE: 400 A MLO SERVICE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE MIN. RATING: 22K AIC RMS SYMMETRICAL AMPS				MOUNTING: SURFACE SECTIONS: 1 ENCLOSURE: NEMA 1 LOCATION: ELECTRICAL 199					
CKT	LOAD DESCRIPTION	P	TA	AUX/NOTE	A	B	C	AUX/NOTE	TA	P	LOAD DESCRIPTION	CKT	
1					0.00	0.00						2	
3	EX ELEV #2	3	100						100	3	EX ELEV #1	4	
5												6	
7	EX BRANCH CIRCUIT	1	20		0.00	0.00			20	1	EX BRANCH CIRCUIT	8	
9	EX BRANCH CIRCUIT	1	20			0.00	0.00		20	1	EX BRANCH CIRCUIT	10	
11	EX BRANCH CIRCUIT	1	20				0.00	0.00	20	1	EX BRANCH CIRCUIT	12	
13	EX BRANCH CIRCUIT	1	20		0.00	0.00			20	1	EX BRANCH CIRCUIT	14	
15	EX BRANCH CIRCUIT	1	20				0.00	0.00	20	1	EX BRANCH CIRCUIT	16	
17	EX BRANCH CIRCUIT	1	20					0.00	0.00	20	1	EX BRANCH CIRCUIT	18
19	EX SPARE	1	20		0.00	0.00			20	1	EX BRANCH CIRCUIT	20	
21	EX BRANCH CIRCUIT	2	20						20	2	EX BRANCH CIRCUIT	22	
23												24	
25					0.00	0.00						26	
27	EX BRANCH CIRCUIT	3	40						100	3	EX PANEL SITE LIGHTING	28	
29												30	
31	EX BRANCH CIRCUIT	1	20		0.00	0.00			20	1	EX BRANCH CIRCUIT	32	
33												34	
35	REL PANEL FA	3	100	1					20	2	EX BRANCH CIRCUIT	36	
37					0.00	--			--	1	EX SPACE	38	
39	EX SPACE	1	--						--	1	EX SPACE	40	
41	EX SPACE	1	--						--	1	EX SPACE	42	
PHASE LOAD: PHASE AMPS:					0.00 kVA 0 A	0.00 kVA 0 A	0.00 kVA 0 A						
PANEL TOTALS				<input checked="" type="checkbox"/> GROUND BUS <input type="checkbox"/> SERVICE ENTRANCE LABEL <input type="checkbox"/> INTEGRAL SPD/TVSS <input type="checkbox"/> 200% NEUTRAL BUS & LUGS <input type="checkbox"/> ISOLATED GROUND BUS <input type="checkbox"/> FEED THROUGH LUGS				AUXILIARIES: a AFCI BREAKER b GFCI BREAKER (5mA) c GFEP BREAKER (30mA) d SHUNT TRIP BREAKER e HANDLE PADLOCK f HANDLE CLAMP g RED BREAKER LOCKOUT					
CONNECTED LOAD: 0.00 kVA				DEMAND LOAD: 0.00 kVA				DEMAND AMPS: 0 A					

EX PANEL P SCHEDULE NOTES (APPLICABLE TO PANEL SCHEDULES NOTE COLUMN ON THIS DRAWING ONLY):
1. PROVIDE NEW CIRCUIT BREAKER IN EXISTING AVAILABLE SPACE. MATCH PANELBOARD MANUFACTURER, TYPE, AND AIC RATING.

EX PANEL FA													
SERVICE TYPE: STANBY - FIRE ALARM MANUFACTURER: SQUARE D TYPE: QO LOAD... FED FROM: P				BUS AMPACITY: 100 A MAIN TYPE: 100 A MCB SERVICE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE MIN. RATING: 22K AIC RMS SYMMETRICAL AMPS				MOUNTING: SURFACE SECTIONS: 1 ENCLOSURE: NEMA 1 LOCATION: ELECTRICAL 199					
CKT	LOAD DESCRIPTION	P	TA	AUX/NOTE	A	B	C	AUX/NOTE	TA	P	LOAD DESCRIPTION	CKT	
1					0.00	0.00						2	
3	EX MAIN	3	100						30	1	EX ELEC RM	4	
5												6	
7	EX FA NAC	1	20		0.00	0.00			20	3	EX FIRE FANS ROOF	8	
9	EX MAIN FACP	1	20				0.00	0.00	30	1	EX FIRE PANEL	10	
11	EX NAC PNL SPRINKLER RM	1	20					0.00	0.00	30	1	EX FIRE PANEL	12
13	EX EXIT - N	1	20		0.00	0.00			20	1	EX FIRE PANEL	14	
15	EX FAN PLUG	1	30				0.00	0.00	20	1	EX EXIT LTG - N	16	
17	EX EXIT LTG - S	1	20					0.00	0.00	30	1	EX FIRE FAN ROOF	18
19	EX EXIT LTG - N	1	20		0.00	--			--	1	EX SPACE	20	
21	EX SPACE	1	--						--	1	EX SPACE	22	
23	EX SPACE	1	--						--	1	EX SPACE	24	
25	EX SPACE	1	--						--	1	EX SPACE	26	
27	EX SPACE	1	--						--	1	EX SPACE	28	
29	EX SPACE	1	--						--	1	EX SPACE	30	
PHASE LOAD: PHASE AMPS:					0.00 kVA 0 A	0.00 kVA 0 A	0.00 kVA 0 A						
PANEL TOTALS				<input checked="" type="checkbox"/> GROUND BUS <input type="checkbox"/> SERVICE ENTRANCE LABEL <input type="checkbox"/> INTEGRAL SPD/TVSS <input type="checkbox"/> 200% NEUTRAL BUS & LUGS <input type="checkbox"/> ISOLATED GROUND BUS <input type="checkbox"/> FEED THROUGH LUGS				AUXILIARIES: a AFCI BREAKER b GFCI BREAKER (5mA) c GFEP BREAKER (30mA) d SHUNT TRIP BREAKER e HANDLE PADLOCK f HANDLE CLAMP g RED BREAKER LOCKOUT					
CONNECTED LOAD: 0.00 kVA				DEMAND LOAD: 0.00 kVA				DEMAND AMPS: 0 A					

PANEL EV													
SERVICE TYPE: NORMAL - EV CHARGING FED FROM: SWBD-S				BUS AMPACITY: 200 A MAIN TYPE: 200 A MLO SERVICE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE MIN. RATING: 22K AIC RMS SYMMETRICAL AMPS				MOUNTING: SURFACE SECTIONS: 1 ENCLOSURE: NEMA 1 LOCATION: ELECTRICAL 199					
CKT	LOAD DESCRIPTION	P	TA	AUX/NOTE	A	B	C	AUX/NOTE	TA	P	LOAD DESCRIPTION	CKT	
1	SPARE - FOR FUTURE EV...	2	40		0.00	0.00			40	2	SPARE - FOR FUTURE EV...	2	
3												4	
5	SPARE - FOR FUTURE EV...	2	40		0.00	0.00			40	2	SPARE - FOR FUTURE EV...	6	
7												8	
9	SPARE - FOR FUTURE EV...	2	40				0.00	0.00	40	2	SPARE - FOR FUTURE EV...	10	
11								0.00	0.00			12	
13	SPARE - FOR FUTURE EV...	2	40		0.00	0.00			40	2	SPARE - FOR FUTURE EV...	14	
15												16	
17	SPARE - FOR FUTURE EV...	2	40				0.00	0.00	40	2	SPARE - FOR FUTURE EV...	18	
19					0.00	0.00						20	
21	SPARE - FOR FUTURE EV...	2	40					0.00	0.00	40	2	SPARE - FOR FUTURE EV...	22
23												24	
25	SPARE - FOR FUTURE EV...	2	40		0.00	0.00			40	2	SPARE - FOR FUTURE EV...	26	
27												28	
29	SPACE	1	--						--	1	SPACE	30	
PHASE LOAD: PHASE AMPS:					0.00 kVA 0 A	0.00 kVA 0 A	0.00 kVA 0 A						
PANEL TOTALS				<input checked="" type="checkbox"/> GROUND BUS <input type="checkbox"/> SERVICE ENTRANCE LABEL <input type="checkbox"/> INTEGRAL SPD/TVSS <input type="checkbox"/> 200% NEUTRAL BUS & LUGS <input type="checkbox"/> ISOLATED GROUND BUS <input type="checkbox"/> FEED THROUGH LUGS				AUXILIARIES: a AFCI BREAKER b GFCI BREAKER (5mA) c GFEP BREAKER (30mA) d SHUNT TRIP BREAKER e HANDLE PADLOCK f HANDLE CLAMP g RED BREAKER LOCKOUT					
CONNECTED LOAD: 0.00 kVA				DEMAND LOAD: 0.00 kVA				DEMAND AMPS: 0 A					

RX SWITCHBOARD SWBD-S												
SERVICE TYPE: NORMAL SOUTH WING MANUFACTURER: SQUARE D TYPE: PS-3 FED FROM: PEPCO XFMR				BUS AMPACITY: 1600 A MAIN TYPE: 1120 A MCB SERVICE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE METERING: PEPCO CT SECTION DISTRIBUTION: GROUP MOUNTING FULLY RATED MINIMUM RATING: 65K AIC RMS SYMMETRICAL AMPS SERVICE ENTRANCE: Yes				MOUNTING: FLOOR SECTIONS: 2 ENCLOSURE: NEMA 1 PULL SECTION: NO ALIGNMENT: FRONT AND REAR ACCESS: FRONT LOCATION: ELECTRICAL 199				
CKT	LOAD DESCRIPTION	AUX/NOTE	# OF POLES	FRAME	TRIP	Load						
1	RX SPARE		3	400 A	150 A	0.00 kVA						
2	RX TRAILER		3	400 A	100 A	0.00 kVA						
3	RX SPARE		3	400 A	150 A	0.00 kVA						
4	RX SPARE		3	400 A	150 A	0.00 kVA						
5	EX PANEL 302S	1	3	400 A	150 A	0.00 kVA						
6	RX SPARE		3	400 A	150 A	0.00 kVA						
7	EX PANEL 303S	1	3	400 A	150 A	0.00 kVA						
8	EX UNKNOWN		3	400 A	200 A	0.00 kVA						
9	RX SPARE		3	400 A	200 A	0.00 kVA						
10	EX PANEL 301S	1	3	400 A	200 A	0.00 kVA						
PANEL TOTALS				LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		DEMAND LOAD		
				LIGHTING		0.00 kVA		100%		0.00 kVA		
				RECEPTACLE		0.00 kVA		1ST 10KVA AT 100%, REMAINDER AT 50%		0.00 kVA		
				EQUIPMENT		0.00 kVA		100%		0.00 kVA		
				MOTOR		0.00 kVA		100%		0.00 kVA		
				HEATING		0.00 kVA		100%		0.00 kVA		
				COOLING		0.00 kVA		0%		0.00 kVA		
				OTHER		0.00 kVA		100%		0.00 kVA		
				KITCHEN EQUIPMENT		0.00 kVA		BASED ON QUANTITY PER NEC		0.00 kVA		
				ELEVATOR		0.00 kVA		BASED ON QUANTITY PER NEC		0.00 kVA		
AUXILIARIES:				f HANDLE CLAMP								
a AFCI BREAKER				g RED BREAKER LOCKOUT								
b GFCI BREAKER (5mA)												
c GFEP BREAKER (30mA)												
d SHUNT TRIP BREAKER												
e HANDLE PADLOCK												

SWITCHBOARD SWBD-S SCHEDULE NOTES (REFER TO NOTE COLUMN IN SWITCHBOARD FOR WHERE EACH NOTE APPLIES):
1. RETAIN EXISTING FEEDER FOR RELOCATION TO REPLACEMENT OF SWBD-S. REFER TO SWITCHBOARD SWBD-S SCHEDULE.

SWITCHBOARD SWBD-S												
SERVICE TYPE: NORMAL SOUTH WING FED FROM: PEPCO XFMR				BUS AMPACITY: 1600 A WITH INTEGRAL SHUNT TRIP MAIN TYPE: 1600 A MCB/LSI/RELT SERVICE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE METERING: PEPCO CT SECTION DISTRIBUTION: GROUP MOUNTING FULLY RATED MINIMUM RATING: 65K AIC RMS SYMMETRICAL AMPS SERVICE ENTRANCE: Yes				MOUNTING: FLOOR SECTIONS: 2 ENCLOSURE: NEMA 1 PULL SECTION: NO ALIGNMENT: FRONT AND REAR ACCESS: FRONT LOCATION: ELECTRICAL 199				
CKT	LOAD DESCRIPTION	AUX/NOTE	# OF POLES	FRAME	TRIP	Load						
1	EX PANEL 206S	1	3	400 A	200 A	0.00 kVA						
2	EX PANEL 301S	1	3	400 A	200 A	0.00 kVA						
3	EX PANEL 205S	1	3	400 A	200 A	0.00 kVA						
4	EX PANEL 302S	1	3	400 A	150 A	0.00 kVA						
5	EX PANEL 204S	1	3	400 A	200 A	0.00 kVA						
6	EX PANEL 303S	1	3	400 A	150 A	0.00 kVA						
7	PANEL EV		3	400 A	200 A	0.00 kVA						
8	EX PANEL 304S	1	3	400 A	200 A	0.00 kVA						
9	EX UNKNOWN	1	3	400 A	200 A	0.00 kVA						
10	EX PANEL 105S	1	3	400 A	200 A	0.00 kVA						
11	SPACE		3	--	--	--						
12	EX PANEL 106S	1	3	400 A	200 A	0.00 kVA						
13	SPD (INTEGRAL)		3	--	--	--						
14	EX PANEL 107S	1	3	400 A	200 A	0.00 kVA						
15	UNUSABLE SPACE		3	--	--	--						
16	SPACE		3	--	--	--						
PANEL TOTALS				LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		DEMAND LOAD		
				LIGHTING		0.00 kVA		100%		0.00 kVA		
				RECEPTACLE		0.00 kVA		1ST 10KVA AT 100%, REMAINDER AT 50%		0.00 kVA		
				EQUIPMENT		0.00 kVA		100%		0.00 kVA		
				MOTOR		0.00 kVA		100%		0.00 kVA		
				HEATING		0.00 kVA		100%		0.00 kVA		
				COOLING		0.00 kVA		0%		0.00 kVA		
				OTHER		0.00 kVA		100%		0.00 kVA		
				KITCHEN EQUIPMENT		0.00 kVA		BASED ON QUANTITY PER NEC		0.00 kVA		
				ELEVATOR		0.00 kVA		BASED ON QUANTITY PER NEC		0.00 kVA		
AUXILIARIES:				f HANDLE CLAMP								
a AFCI BREAKER				g RED BREAKER LOCKOUT								
b GFCI BREAKER (5mA)												
c GFEP BREAKER (30mA)												
d SHUNT TRIP BREAKER												
e HANDLE PADLOCK												

SWITCHBOARD SWBD-S SCHEDULE NOTES (REFER TO NOTE COLUMN IN SWITCHBOARD FOR WHERE EACH NOTE APPLIES):
1. RECONNECT RELOCATED FEEDER TO EXISTING PANEL AND MAKE FINAL CONNECTION TO MATCH EXISTING.

SWITCHBOARD SWBD-N												
SERVICE TYPE: STANDBY NORTH WING FED FROM: AT5-N VIA PEPCO XFMR				BUS AMPACITY: 2000 A MAIN TYPE: 2000 A MCB LSI, RELT SERVICE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE METERING: PEPCO CT SECTION DISTRIBUTION: GROUP MOUNTING FULLY RATED MINIMUM RATING: 65K AIC RMS SYMMETRICAL AMPS SERVICE ENTRANCE: Yes				MOUNTING: FLOOR SECTIONS:				

PANEL MP1N				BUS AMPACITY: 600 A MAIN TYPE: 600 A MLO SERVICE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE MIN. RATING: 10K AIC RMS SYMMETRICAL AMPS				MOUNTING: SURFACE SECTIONS: 1 ENCLOSURE: NEMA 1 LOCATION: ELECTRICAL 128				
SERVICE TYPE: STANDBY - MECH 1ST FL NORTH FED FROM: SWBD-N												
CKT	LOAD DESCRIPTION	P	TA	AUX/NOTE	A	B	C	AUX/NOTE	TA	P	LOAD DESCRIPTION	CKT
1					4.61	17.79						
3	RTU-3	3	70			4.61	17.79		200	3	RTU-1	2
5												4
7					1.50	1.50						6
9	UH-1	2	20			1.50	1.50		20	2	UH-2	8
11												10
13	ATU-1.4	2	20		1.25	1.00			15	1	ATU-1.3	12
15	ATU-1.6	1	15			1.00	1.25		20	2	ATU-1.5	14
17	ATU-1.8	1	20						20	2	ATU-1.7	16
19	ATU-1.14	1	15		0.50	2.00			25	2	ATU-1.15	18
21												20
23	ATU-1.1	3	30			2.67	2.00		35	2	ATU-1.20	22
25					2.67	2.75			15	1	ATU-1.16	24
27	ATU-1.19	2	35			2.75	0.50		15	1	ATU-1.17	26
29									30	2	ATU-1.9	28
31	ATU-1.18	1	15		1.00	2.25			30	2	ATU-1.9	30
33	ATU-1.10	1	15			0.50	2.25		20	1	ATU-1.2	32
35	ATU-1.13	1	20						20	1	ATU-1.12	34
37	ATU-1.11	1	15		0.50	0.50			15	1	ATU-1.2	36
39												38
41	EF-2	3	15			0.79	0.55		15	3	EF-1	40
43					0.79	0.55						42
45	DWH-1	1	20			0.60	6.00		80	3	PUMP-2	44
47	PUMP-1	1	15									46
49	CP-1	1	15		0.15	6.00						48
51						1.53	0.05		20	1	FIRE SMOKE DAMPERS 1ST FLR	50
53	ACCU-2	2	20						20	1	SPARE	52
55					0.00	0.00			20	1	SPARE	54
57						0.00	0.00		20	1	SPARE	56
59									20	1	SPARE	58
									20	1	SPARE	60
					47.30 kVA	47.83 kVA	48.91 kVA					
					394 A	398 A	407 A					
PHASE LOAD:												
PHASE AMPS:												
PANEL TOTALS												
CONNECTED LOAD: 144.04 kVA												
DEMAND LOAD: 144.04 kVA												
DEMAND AMPS: 400 A												
				X	GROUND BUS							
					SERVICE ENTRANCE LABEL							
					INTEGRAL SPD/TVSS							
					200% NEUTRAL BUS & LUGS							
					ISOLATED GROUND BUS							
					FEED THROUGH LUGS							
				a	AFCI BREAKER	e	HANDLE PADLOCK					
				b	GFCI BREAKER (5mA)	f	HANDLE CLAMP					
				c	GFCP BREAKER (30mA)	g	RED BREAKER LOCKOUT					
				d	SHUNT TRIP BREAKER							

PANEL MP2N				BUS AMPACITY: 600 A MAIN TYPE: 600 A MLO SERVICE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE MIN. RATING: 10K AIC RMS SYMMETRICAL AMPS				MOUNTING: SURFACE SECTIONS: 1 ENCLOSURE: NEMA 1 LOCATION: ELEC 243				
SERVICE TYPE: STANDBY - MECH 2ND FL NORTH FED FROM: SWBD-N												
CKT	LOAD DESCRIPTION	P	TA	AUX/NOTE	A	B	C	AUX/NOTE	TA	P	LOAD DESCRIPTION	CKT
1					9.12	24.41						
3	RTU-4	3	110			9.12	24.41		250	3	RTU-2	2
5												4
7					1.53	1.50						6
9	ACCU-1	2	20			1.53	1.50		20	2	ATU-2.29	8
11												10
13	ATU-2.26	2	25		1.75	1.25			15	1	ATU-2.21	12
15	ATU-2.20	1	25			2.00	1.25		20	2	ATU-2.14	14
17	ATU-2.13	1	20						15	1	ATU-2.12	16
19	ATU-2.15	1	15		0.50	0.50			15	1	ATU-2.3	18
21	ATU-2.2	1	20			1.50	0.50		15	1	ATU-2.4	20
23	ATU-2.1	1	25						15	1	ATU-2.5	22
25	ATU-2.24	1	20		1.50	1.50			20	1	ATU-2.6	24
27	ATU-2.7	2	20			1.25	2.00		25	1	ATU-2.9	26
29									25	1	ATU-2.8	28
31	ATU-2.10	2	25		1.75	2.00			25	1	ATU-2.11	30
33						1.75	1.50		20	1	ATU-2.16	32
35	ATU-2.17	1	20						20	1	ATU-2.18	34
37	ATU-2.19	1	20		1.50	1.75			25	2	ATU-2.22	36
39	ATU-2.30	1	15			0.50	1.75		25	2	ATU-2.22	38
41	ATU-2.27	1	25									40
43	ATU-2.25	1	20		1.50	2.17			25	3	ATU-2.28	42
45	FIRE SMOKE DAMPERS 2ND FLR	1	20	f		0.06	2.17		20	1	ATU-2.23	44
47	SPARE	1	20		0.00	0.00			20	1	SPARE	46
49	SPARE	1	20						20	1	SPARE	48
51	SPARE	1	20						20	1	SPARE	50
53	SPARE	1	20						20	1	SPARE	52
55	SPARE	1	20		0.00	0.00			20	1	SPARE	54
57	SPARE	1	20						20	1	SPARE	56
59	SPARE	1	20						20	1	SPARE	58
									20	1	SPARE	60
					54.22 kVA	52.78 kVA	54.19 kVA					
					451 A	439 A	451 A					
PHASE LOAD:												
PHASE AMPS:												
PANEL TOTALS												
CONNECTED LOAD: 161.18 kVA												
DEMAND LOAD: 161.18 kVA												
DEMAND AMPS: 447 A												
				X	GROUND BUS							
					SERVICE ENTRANCE LABEL							
					INTEGRAL SPD/TVSS							
					200% NEUTRAL BUS & LUGS							
					ISOLATED GROUND BUS							
					FEED THROUGH LUGS							
				a	AFCI BREAKER	e	HANDLE PADLOCK					
				b	GFCI BREAKER (5mA)	f	HANDLE CLAMP					
				c	GFCP BREAKER (30mA)	g	RED BREAKER LOCKOUT					
				d	SHUNT TRIP BREAKER							

PANEL LP2N				BUS AMPACITY: 100 A MAIN TYPE: 100 A MLO SERVICE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE MIN. RATING: 10K AIC RMS SYMMETRICAL AMPS				MOUNTING: SURFACE SECTIONS: 1 ENCLOSURE: NEMA 1 LOCATION: ELEC 243				
SERVICE TYPE: STANDBY - LIGHTING 1ST, 2ND, 3RD... FED FROM: SWBD-N												
CKT	LOAD DESCRIPTION	P	TA	AUX/NOTE	A	B	C	AUX/NOTE	TA	P	LOAD DESCRIPTION	CKT
1	LTG: LOBBY 101/FITNESS 110	1	20		1.80	1.04			20	1	LTG: LOCKER 170/SHOWER 171	2
3	LTG: 120-122,123,125-128,152,169	1	20						20	1	LTG: 130,141-144,168,172	4
5	LTG: S101,131,132,134,140...	1	20						20	1	LTG: FIRST FLOOR EXIT SIGNS	6
7	LTG: SECOND FLOOR EXIT SIGNS	1	20		0.32	0.40			20	1	LTG: 201,224-228	8
9	LTG: 220,238,258	1	20			1.34	1.18		20	1	LTG: 221-3,229-31,234-8,240,242,2...	10
11	LTG: S102,252-257,260-265	1	20						20	1	LTG: FITNESS 110	12
13	LTG: LOBBY 101 PENDANTS	1	20		0.44	0.16			20	1	LTG: ROOF FLOOD LTG	14
15	SPARE	1	20			0.00	0.00		20	1	SPARE	16
17	SPARE	1	20						20	1	SPARE	18
19	SPARE	1	20		0.00	0.00			20	1	SPARE	20
21	SPARE	1	20						20	1	SPARE	22
23	SPARE	1	20						20	1	SPARE	24
25	SPARE	1	20		0.00	0.00			20	1	SPARE	26
27	SPARE	1	20						20	1	SPARE	28
29	SPARE	1	20						20	1	SPARE	30
31	SPARE	1	20		0.00	0.00			20	1	SPARE	32
33	SPARE	1	20			0.00	0.00		20	1	SPARE	34
35	SPARE	1	20						20	1	SPARE	36
37	SPARE	1	20		0.00	0.00			20	1	SPARE	38
39	SPARE	1	20			0.00	0.00		20	1	SPARE	40
41	SPARE	1	20						20	1	SPARE	42
					4.17 kVA	4.60 kVA	3.81 kVA					
					35 A	38 A	32 A					
PHASE LOAD:												
PHASE AMPS:												
PANEL TOTALS												
CONNECTED LOAD: 12.58 kVA												
DEMAND LOAD: 12.58 kVA												
DEMAND AMPS: 35 A												
				X	GROUND BUS							
					SERVICE ENTRANCE LABEL							
					INTEGRAL SPD/TVSS							
					200% NEUTRAL BUS & LUGS							
					ISOLATED GROUND BUS							
					FEED THROUGH LUGS							
				a	AFCI BREAKER	e	HANDLE PADLOCK					
				b	GFCI BREAKER (5mA)	f	HANDLE CLAMP					
				c	GFCP BREAKER (30mA)	g	RED BREAKER LOCKOUT					
				d	SHUNT TRIP BREAKER							

PANEL RP1N				BUS AMPACITY: 225 A MAIN TYPE: 225 A MLO SERVICE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE MIN. RATING: 10K AIC RMS SYMMETRICAL AMPS				MOUNTING: SURFACE SECTIONS: 2 ENCLOSURE: NEMA 1 LOCATION: ELECTRICAL 128				
SERVICE TYPE: STANDBY - RECEPTION 1ST FL NORTH FED FROM: SWBD-N												
CKT	LOAD DESCRIPTION	P	TA	AUX/NOTE	A	B	C	AUX/NOTE	TA	P	LOAD DESCRIPTION	CKT
1	REC: CONFERENCE 123	1	20		1.08	1.08			20	1	REC: CONF 123	2
3	REC: IT CLOSET 152	1	20			0.18	0.18		20	1	REC: IT CLOSET 152	4
5												6
7	REC: IT CLOSET 152	2	20		1.67	1.67			20	2	REC: IT CLOSET 152	8
9												10
11	REC: DRYER 170	2	30	b		2.50	0.75		20	1	REC: WASHER 170	12
13	REC: CONF 12											

PANEL SHALL BE PROVIDED WITH PACKAGED GENERATOR ENCLOSURE. CIRCUITS AND CIRCUIT BREAKERS SHALL BE PROVIDED AS DETERMINED BY GENERATOR MANUFACTURER TO SUPPLY CIRCUITS INTEGRAL TO THE GENERATOR ENCLOSURE INCLUDING BUT NOT LIMITED TO BATTERY CHARGER, BLOCK HEATER, LIGHTS, RECEPTACLES, ETC...

PANEL GEN																																																										
BUS AMPACITY: 100 A MAIN TYPE: 100 A MLO SERVICE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE MIN. RATING: 10K AIC RMS SYMMETRICAL AMPS																																																										
MOUNTING: SURFACE SECTIONS: 1 ENCLOSURE: NEMA 1 LOCATION: GENERATOR ENCLOSURE																																																										
SERVICE TYPE: STANDBY - GEN ENCLOSURE LOADS FED FROM: SWBD-N																																																										
CKT	LOAD DESCRIPTION	P	TA	AUX/NOTE	A	B	C	AUX/NOTE	TA	P	LOAD DESCRIPTION	CKT																																														
1	REC. GEN DOCKING STATION	1	20		0.18	0.00			20	1	L5 30R GEN DOCKING STATION	2																																														
3	SPARE	1	20			0.00	0.00		20	1	SPARE	4																																														
5	SPARE	1	20						20	1	SPARE	6																																														
7	SPARE	1	20		0.00	0.00		0.00	0.00	20	1	SPARE	8																																													
9	SPARE	1	20			0.00	0.00		20	1	SPARE	10																																														
11	SPACE	1	--						--	1	SPACE	12																																														
13	SPACE	1	--						--	1	SPACE	14																																														
15	SPACE	1	--						--	1	SPACE	16																																														
17	SPACE	1	--						--	1	SPACE	18																																														
19	SPACE	1	--						--	1	SPACE	20																																														
21	SPACE	1	--						--	1	SPACE	22																																														
23	SPACE	1	--						--	1	SPACE	24																																														
25	SPACE	1	--						--	1	SPACE	26																																														
27	SPACE	1	--						--	1	SPACE	28																																														
29	SPACE	1	--						--	1	SPACE	30																																														
31	SPACE	1	--						--	1	SPACE	32																																														
33	SPACE	1	--						--	1	SPACE	34																																														
35	SPACE	1	--						--	1	SPACE	36																																														
37	SPACE	1	--						--	1	SPACE	38																																														
39	SPACE	1	--						--	1	SPACE	40																																														
41	SPACE	1	--						--	1	SPACE	42																																														
43	SPACE	1	--						--	1	SPACE	44																																														
45	SPACE	1	--						--	1	SPACE	46																																														
47	SPACE	1	--						--	1	SPACE	48																																														
49	SPACE	1	--						--	1	SPACE	50																																														
51	SPACE	1	--						--	1	SPACE	52																																														
53	SPACE	1	--						--	1	SPACE	54																																														
55	SPACE	1	--						--	1	SPACE	56																																														
57	SPACE	1	--						--	1	SPACE	58																																														
59	SPACE	1	--						--	1	SPACE	60																																														
PHASE LOAD:					0.18 kVA	0.00 kVA	0.00 kVA																																																			
PHASE AMPS:					1 A	0 A	0 A																																																			
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PANEL MP3N																																																										
BUS AMPACITY: 600 A MAIN TYPE: 600 A MLO SERVICE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE MIN. RATING: 10K AIC RMS SYMMETRICAL AMPS																																																										
MOUNTING: SURFACE SECTIONS: 1 ENCLOSURE: NEMA 1 LOCATION: THIRD FLOOR ELEC CLOSET																																																										
SERVICE TYPE: STANDBY - MECH 3RD FL NORTH FED FROM: SWBD-N																																																										
CKT	LOAD DESCRIPTION	P	TA	AUX/NOTE	A	B	C	AUX/NOTE	TA	P	LOAD DESCRIPTION	CKT																																														
1	UH-9	2	20		1.65	1.65			20	2	UH-8	4																																														
3	UH-7	2	20		1.65	1.65		1.65	1.65	20	2	UH-6	6																																													
5	UH-5	2	20			1.65	1.65			20	2	UH-4	8																																													
7	UH-3	2	20		1.65	0.07		1.65	1.65	f	20	1	FIRE SMOKE DAMPERS 3RD FLR	14																																												
9	SPARE	1	20					0.00	0.00		20	1	SPACE	16																																												
11	SPARE	1	20		0.00	0.00					20	1	SPACE	18																																												
13	SPARE	1	20			0.00	0.00				20	1	SPACE	20																																												
15	SPARE	1	20					0.00	0.00		20	1	SPACE	22																																												
17	SPARE	1	20		0.00	0.00					20	1	SPACE	24																																												
19	SPARE	1	20			0.00	0.00				20	1	SPACE	26																																												
21	SPARE	1	20					0.00	0.00		20	1	SPACE	28																																												
23	SPARE	1	20								20	1	SPACE	30																																												
25	SPARE	1	20								20	1	SPACE	32																																												
27	SPARE	1	20								20	1	SPACE	34																																												
29	SPARE	1	20								20	1	SPACE	36																																												
31	SPARE	1	20								20	1	SPACE	38																																												
33	SPARE	1	20								20	1	SPACE	40																																												
35	SPACE	1	--								--	1	SPACE	42																																												
37	SPACE	1	--								--	1	SPACE	44																																												
39	SPACE	1	--								--	1	SPACE	46																																												
41	SPACE	1	--								--	1	SPACE	48																																												
43	SPACE	1	--								--	1	SPACE	50																																												
45	SPACE	1	--								--	1	SPACE	52																																												
47	SPACE	1	--								--	1	SPACE	54																																												
49	SPACE	1	--								--	1	SPACE	56																																												
51	SPACE	1	--								--	1	SPACE	58																																												
53	SPACE	1	--								--	1	SPACE	60																																												
55	SPACE	1	--								--	1	SPACE	62																																												
57	SPACE	1	--								--	1	SPACE	64																																												
59	SPACE	1	--								--	1	SPACE	66																																												
PHASE LOAD:					8.32 kVA	8.25 kVA	6.60 kVA																																																			
PHASE AMPS:					69 A	69 A	55 A																																																			
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PANEL RP3N														
BUS AMPACITY: 225 A MAIN TYPE: 225 A MLO SERVICE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE MIN. RATING: 10K AIC RMS SYMMETRICAL AMPS														
MOUNTING: SURFACE SECTIONS: 2 ENCLOSURE: NEMA 1 LOCATION: THIRD FLOOR ELEC CLOSET														
SERVICE TYPE: STANDBY - RECEPS 3RD FL NORTH FED FROM: SWBD-N														
CKT	LOAD DESCRIPTION	P	TA	AUX/NOTE	A	B	C	AUX/NOTE	TA	P	LOAD DESCRIPTION	CKT		
1	REC. ELEC ROOM NORTH 3RD FL	1	20		0.18	0.54			20	1	REC. ROOF	2		
3	SPARE	1	20			0.00	0.90			20	1	REC. ROOF	4	
5	SPARE	1	20					0.00	0.00		20	1	SPACE	6
7	SPARE	1	20		0.00	0.00				20	1	SPACE	8	
9	SPARE	1	20			0.00	0.00			20	1	SPACE	10	
11	SPARE	1	20					0.00	0.00		20	1	SPACE	12
13	SPARE	1	20		0.00	0.00				20	1	SPACE	14	
15	SPARE	1	20			0.00	0.00			20	1	SPACE	16	
17	SPARE	1	20					0.00	0.00		20	1	SPACE	18
19	SPARE	1	20		0.00	0.00				20	1	SPACE	20	
21	SPARE	1	20			0.00	0.00			20	1	SPACE	22	
23	SPARE	1	20					0.00	0.00		20	1	SPACE	24
25	SPARE	1	20		0.00	0.00				20	1	SPACE	26	
27	SPARE	1	20			0.00	0.00			20	1	SPACE	28	
29	SPARE	1	20					0.00	0.00		20	1	SPACE	30
31	SPARE	1	20		0.00	0.00				20	1	SPACE	32	
33	SPARE	1	20			0.00	0.00			20	1	SPACE	34	
35	SPARE	1	20					0.00	0.00		20	1	SPACE	36
37	SPARE	1	20		0.00	0.00				20	1	SPACE	38	
39	SPARE	1	20			0.00	0.00			20	1	SPACE	40	
41	SPACE	1	--					0.00	0.00		--	1	SPACE	42
43	SPACE	1	--		0.00	0.00				20	1	SPACE	44	
45	SPACE	1	--			0.00	0.00			20	1	SPACE	46	
47	SPACE	1	--					0.00	0.00		20	1	SPACE	48
49	SPACE	1	--		0.00	0.00				20	1	SPACE	50	
51	SPACE	1	--			0.00	0.00			20	1	SPACE	52	
53	SPACE	1	--					0.00	0.00		20	1	SPACE	54
55	SPACE	1	--		0.00	0.00				20	1	SPACE	56	
57	SPACE	1	--			0.00	0.00			20	1	SPACE	58	
59	SPACE	1	--					0.00	0.00		20	1	SPACE	60
61	SPACE	1	--							--	1	SPACE	62	
63	SPACE	1	--							--	1	SPACE	64	
65	SPACE	1	--							--	1	SPACE	66	
67	SPACE	1	--							--	1	SPACE	68	
69	SPACE	1	--							--	1	SPACE	70	
71	SPACE	1	--							--	1	SPACE	72	
73	SPACE	1	--							--	1	SPACE	74	
75	SPACE	1	--							--	1	SPACE	76	
77	SPACE	1	--							--	1	SPACE	78	
79	SPACE	1	--							--	1	SPACE	80	