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GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL, COUNTY, STATE AND FEDERAL CODES AND ORDINANCES.
- GENERAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES.
- GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES AND NOTIFY ARCHITECT/OWNER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL EXISTING DIMENSIONS ARE TO THE FACE OF FINISHED SURFACE UNLESS NOTED OTHERWISE. DO NOT SCALE DRAWINGS.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS FOR FIRE PLUMBING, MECHANICAL AND ELECTRICAL SYSTEMS PRIOR TO INSTALLATION OF SUCH SYSTEMS.
- LANDLORD IS RESPONSIBLE FOR OBTAINING PERMITS FOR FIRE PROTECTION.
- FOR THE PURPOSE OF THE DOCUMENTS, TO "INSTALL" SHALL MEAN TO PROVIDE ALL FASTENERS, MISCELLANEOUS HARDWARE, BLOCKING, ELECTRICAL CONNECTIONS, PLUMBING CONNECTIONS, AND OTHER ITEMS REQUIRED FOR A COMPLETE AN OPERATION INSTALLATION, UNLESS OTHERWISE NOTED.
- ALL ITEM SUBSTITUTIONS MUST BE APPROVED BY THE COHU DESIGNATED REPRESENTATIVE.

SITE AND OCCUPANCY

PROJECT DESCRIPTION: COMMERCIAL TENANT IMPROVEMENTS TO EXISTING BUILDING

ZONING: ML-0.5 MANUFACTURING GENERAL

TYPE OF USE: B BUSINESS PER SECTION 304 OF 2012 IBC
F-2 LOW-HAZARD FACTORY INDUSTRIAL PER 306.3 OF 2012 IBC
A-2 ASSEMBLY PER S303.3 OF 2012 IBC
S-2 LOW-HAZARD STORAGE PER S311.3 OF 2012 IBC

CONSTRUCTION TYPE: 2B

OCCUPANCY LOAD: 66 4,351 OFFICE (B)
71 1,070 BREAK ROOM (A)
8 2,481 WAREHOUSE (S-2)
5 1,295 ACCESSORY STORAGE (S-2)
48 3,073 INDUSTRIAL (F-2)
198 9,876 WALLS, CORRIDORS, RESTROOMS
TOTAL OCCUPANCY

TOTAL TENANT SQ. FT.: 22,146 S.F.

NOTES:
MAXIMUM EGRESS EXIT DISTANCE IS 125'
BUILDING IS SPRINKLED (FIRE SAFETY WORK PROVIDED BY LANDLORD)
BUILDING HAS A FIRE ALARM SYSTEM (PROVIDED BY LANDLORD)

PLUMBING FIXTURE CALCULATIONS

PER TABLE 2902.1 IN 2012 IBC

TOTAL OCCUPANCY: 198

WATER CLOSETS: 3 BUSINESS/ 1 INDUSTRIAL: 4 TOTAL - 6 PROVIDED
LAVATORIES: 3 BUSINESS/ 1 INDUSTRIAL: 4 TOTAL - 6 PROVIDED
SERVICE SINK: 1 BUSINESS & INDUSTRIAL: 1 TOTAL - 1 PROVIDED
DRINKING FOUNTAINS: 1 BUSINESS/ 1 INDUSTRIAL: 2 TOTAL - 2 PROVIDED

SCOPE OF WORK

INTERIOR BUILD OUT OF INDUSTRIAL BUILDING TO MEET THE NEEDS OF OFFICES AND LOW-HAZARD FACTORY INDUSTRIAL OF NEW TENANT, COHU

APPLICABLE CODES

BUILDING CODE: SBC-1-2013 RHODE ISLAND STATE BUILDING CODE, 11TH EDITION INCORPORATES 2012 IBC WITH RHODE ISLAND AMENDMENTS

BUILDING CODE: SRC-1-2002 RHODE ISLAND STATE REHABILITATION AND FIRE CODE FOR EXISTING BUILDINGS AND STRUCTURES

MECHANICAL CODE: SBC-4-2013 RHODE ISLAND STATE MECHANICAL CODE INCORPORATES 2012 INTERNATIONAL MECHANICAL CODE

PLUMBING CODE: SBC-3-2013 RHODE ISLAND STATE PLUMBING CODE INCORPORATES 2012 INTERNATIONAL PLUMBING CODE

FIRE CODE: RHODE ISLAND FIRE STATE SAFETY CODE

ELECTRICAL CODE: SBC-5-2011 RHODE ISLAND STATE ELECTRICAL CODE INCORPORATES 2014 NATIONAL ELECTRICAL CODE

ACCESSIBILITY CODE: 2012 INTERNATIONAL BUILDING CODE

ENERGY CODE: SBC-8-2013 RHODE ISLAND STATE ENERGY CONSERVATION CODE INCORPORATES 2012 INTERNATIONAL ENERGY CONSERVATION CODE

THE RENDERINGS ARE FOR VISUALIZATION PURPOSES ONLY - MAY DIFFER SLIGHTLY FROM ACTUAL



PROPOSED FRONT RIGHT RENDERING



PROPOSED FRONT LEFT RENDERING

ARCHITECTURE FIRM:



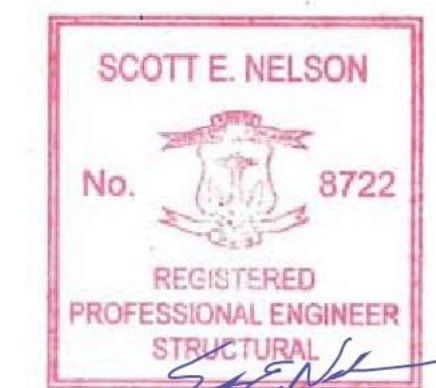
DESIGN BUILD FIRM:

J.M. BRYSON
Construction Management
...A Design Build Company

STRUCTURAL ENGINEER:



**PROPOSED SITE:
BUSINESS ADDRESS**



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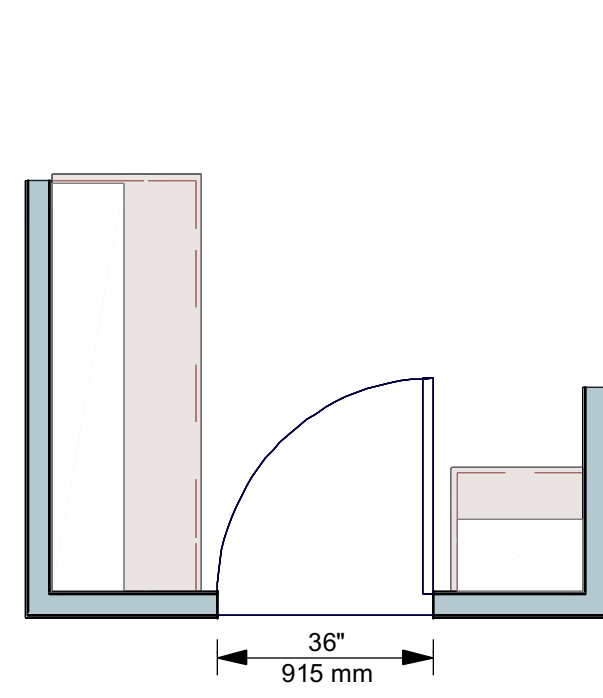
SHEET TITLE:
TITLE PAGE

PROJECT ADDRESS:
CLIENT'S NAME
BUSINESS NAME
BUSINESS ADDRESS

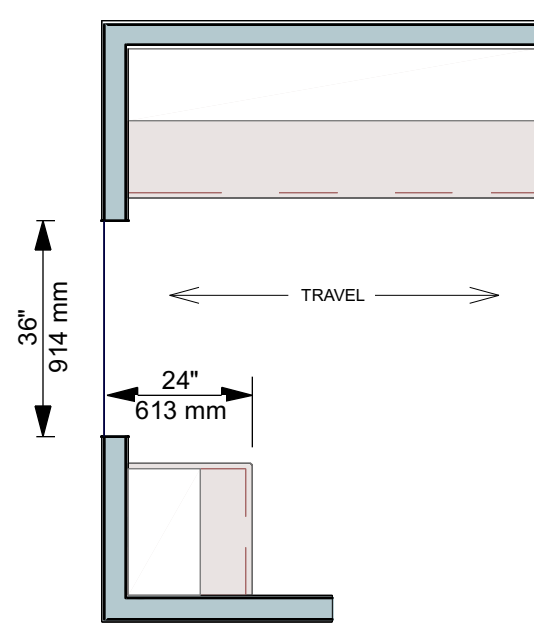
DRAWINGS PROVIDED BY:
GMT Home Designs, Inc.
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REV. DATE:
9/19/2019

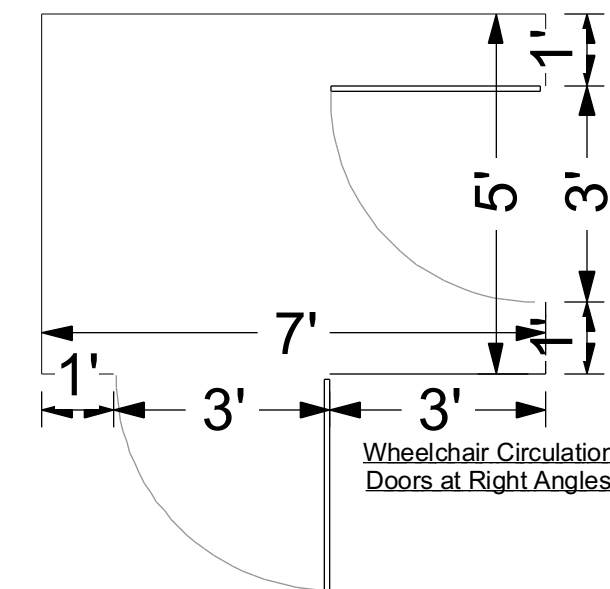
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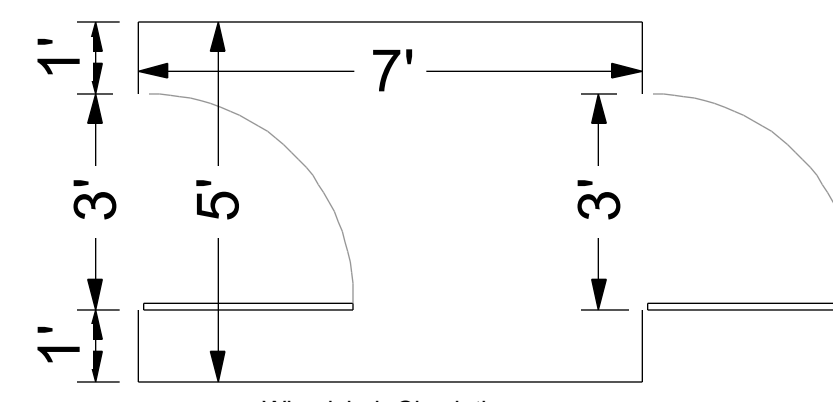
CLEAR OPENINGS
Clear openings of doorways with swinging doors shall be measured between the face of door and stop, with the door open 90 degrees. (ANSI 404.2.3)



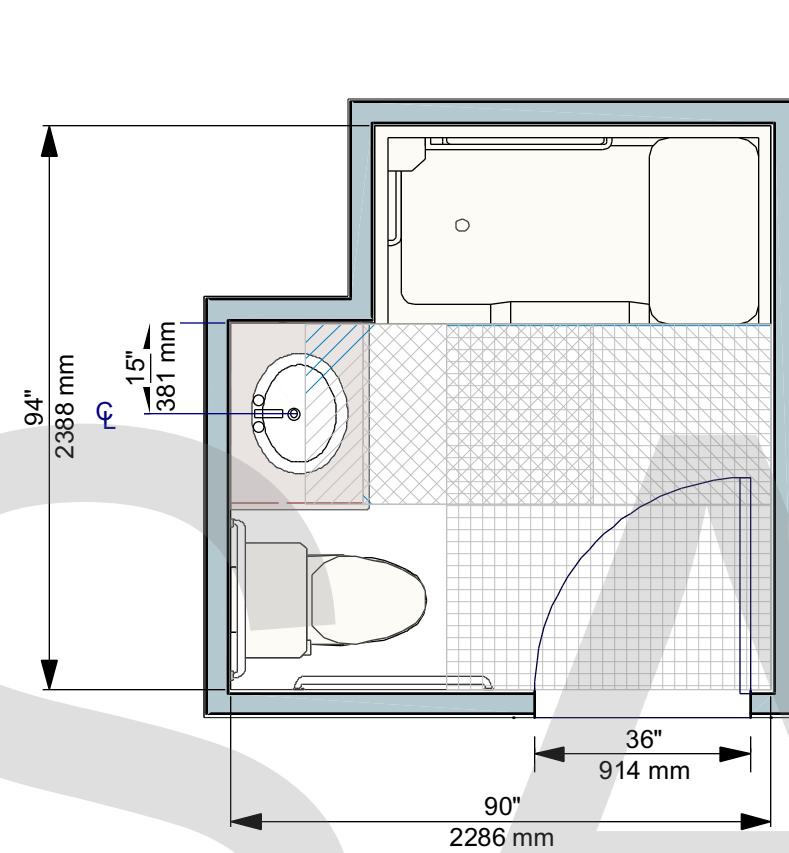
PASSAGE DEPTH
When a passage exceeds 24" in depth, the minimum clear opening increases to 36". (ANSI A117.1 4.04)



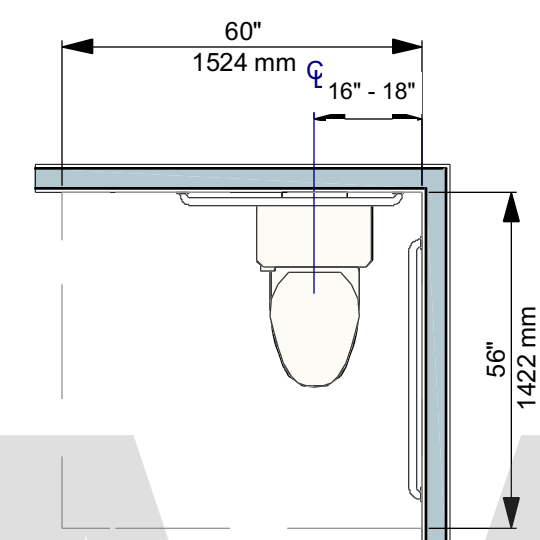
Wheelchair Circulation
Doors at Right Angles



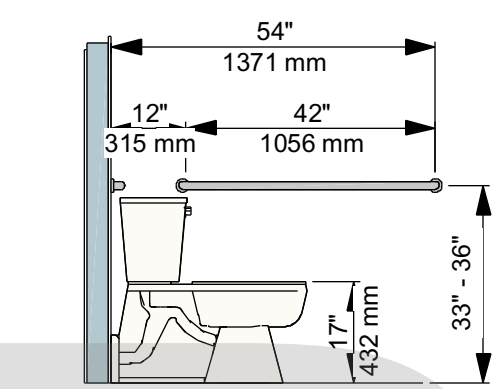
Wheelchair Circulation
Doors in Alignment



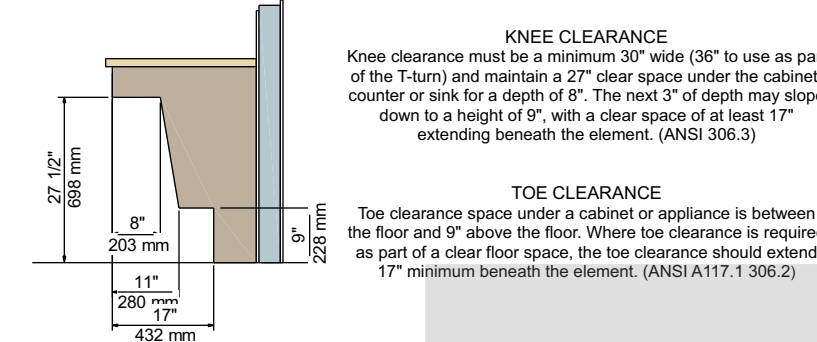
FIXTURE CLEAR FLOOR SPACE
A clear floor space of at least 30" (762 mm) by 48" (1219 mm) should be provided at each fixture. (ANSI 305.3). Clear spaces can overlap. (ANSI 1002.11.2)



TOILET APPROACH
When both a parallel and a forward approach to the toilet are provided, the clearance should be at least 56" measured perpendicular from the rear wall, and 60" measured perpendicular from the sidewall. No other fixture or obstruction should be within the clearance area. (ANSI 604.3.1, 1002.11.5.2.3)

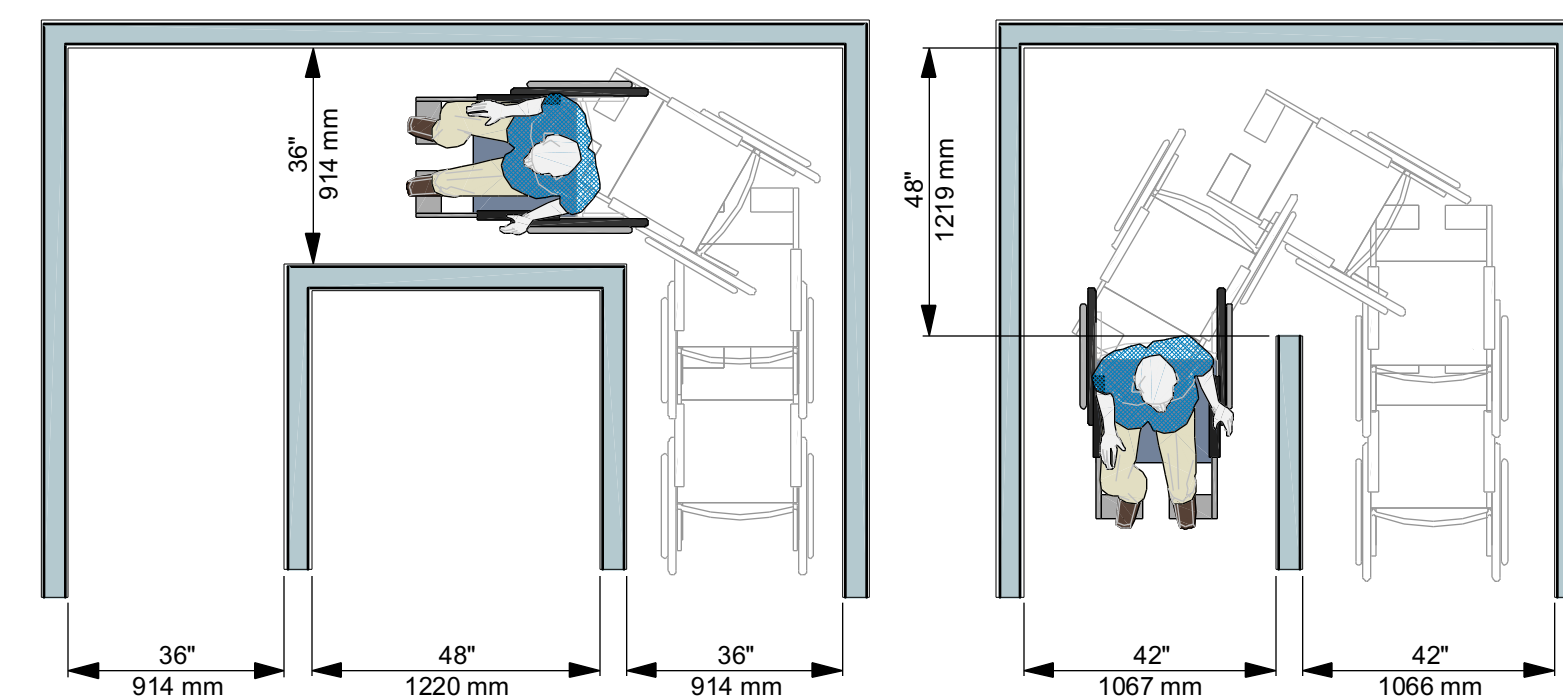


TOILET GRAB BARS
Toilet: Grab bars should be provided on the rear wall and on the sidewall closest to the toilet. The sidewall grab bar should be at least 42" long and located between 12" and 54" from the rear wall. The rear grab bar should be at least 24" long, centered on the toilet. Where space permits, the bar should be at least 36" long, with the additional length provided on the transfer side of the toilet. (ANSI 604.5) (d1 and d2)

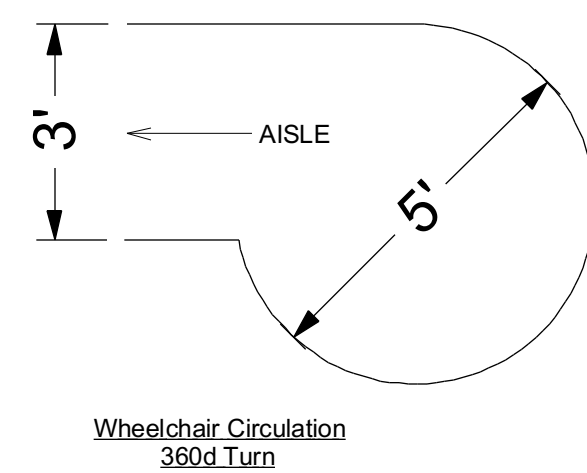


KNEE CLEARANCE
Knee clearance must be a minimum 30" wide (26" to use as part of the T-turn) and maintain a 27" clear space under the cabinet, counter or sink for a depth of 8". The next 3" of depth may slope down to a height of 5", with a clear space of at least 17" extending beneath the element. (ANSI 306.3)

TOE CLEARANCE
Toe clearance space under a cabinet or appliance is between the floor and 9" above the floor. Where toe clearance is required as part of a clear floor space, the toe clearance should extend 17" minimum beneath the element. (ANSI A117.1 306.2)



TURNING CLEARANCE IN AISLE
The width of a work aisle should be at least 36" for 90 degree turns where the distance traveled after the turn is longer than 45". Where distance traveled after first turn is less than 45", first aisle should be at least 42" wide and turning aisle should be at least 48" deep.



Wheelchair Circulation
360° Turn

IBC 2012 CODE, AS RELATED TO FIRESTOPPING

SECTION 714 - PENETRATIONS

714.1 Scope. The provisions of this section shall govern the materials and methods of construction used to protect through penetrations and membrane penetrations of horizontal assemblies and fire-resistance-rated wall assemblies.

714.1.1 Ducts and air transfer openings. Penetrations of fire-resistance-rated walls by ducts that are not protected with dampers shall comply with Sections 714.2 through 714.3.3. Penetrations of horizontal assemblies not protected with a shaft as permitted by Section 717.6, and not required to be protected with fire dampers by other sections of this code, shall comply with Sections 714.4 through 714.2.2. Ducts and air transfer openings that are protected with dampers shall comply with Section 717.

714.2 Installation details. Where sleeves are used, they shall be securely fastened to the assembly penetrated. The space between the item contained in the sleeve and the sleeve itself and any space between the sleeve and the assembly penetrated shall be protected in accordance with this section. Insulation and coverings on or in the penetrating item shall not penetrate the assembly unless the specific material used has been tested as part of the assembly in accordance with this section.

714.3 Fire-resistance-rated walls. Penetrations into or through fire walls, fire barriers, smoke barrier walls and fire partitions shall comply with Sections 714.3.1 through 714.3.3. Penetrations in smoke barrier walls shall also comply with Section 714.5.

714.3.1 Through penetrations. Through penetrations of fire-resistance-rated walls shall comply with Section 714.3.1.1 or 714.3.1.2.

Exception: Where the penetrating items are steel, ferrous or copper pipes, tubes or conduits, the annular space between the penetrating item and the fire-resistance-rated wall is permitted to be protected by either of the following measures:

1. In concrete or masonry walls where the penetrating item is a maximum 6-inch (152 mm) nominal diameter and the area of the opening through the wall does not exceed 144 square inches (0.0929 m²), concrete, grout or mortar is permitted where installed the full thickness of the wall or the thickness required to maintain the fire-resistance rating.
2. The material used to fill the annular space shall prevent the passage of flame and hot gases sufficient to ignite cotton waste when subjected to ASTM E119 or UL 263 time-temperature fire conditions under a minimum positive pressure differential of 0.01 inch (2.49 Pa) of water at the location of the penetration for the time period equivalent to the fire-resistance rating of the construction penetrated.

714.3.1.1 Fire-resistance-rated assemblies. Penetrations shall be installed as tested in an approved fire-resistance-rated assembly.

714.3.1.2 Through-penetration firestop system. Through penetrations shall be protected by an approved penetration firestop system installed as tested in accordance with ASTM E814 or UL 1479, with a minimum positive pressure differential of 0.01 inch (2.49 Pa) of water and shall have an F rating of not less than the required fire-resistance rating of the wall penetrated.

714.3.2 Membrane penetrations. Membrane penetrations shall comply with Section 714.3.1. Where walls or partitions are required to have a fire-resistance rating, recessed fixtures shall be installed such that the required fire resistance will not be reduced.

Exceptions:
1. Membrane penetrations of maximum 2-hour FIRE-RESISTANCE-rated walls and partitions by steel electrical boxes that do not exceed 16 square inches (0.0 103 m²) in area, provided the aggregate area of the openings through the membrane does not exceed 100 square inches (0.0645 m²) in any 100 square feet (9.29 m²) of wall area. The annular space between the wall membrane and the box shall not exceed 1/8 inch (3.2 mm). Such boxes on opposite sides of the wall or partition shall be separated by one of the following:

- 1.1. By a horizontal distance of not less than 24 inches (610 mm) where the wall or partition is constructed with individual noncommunicating stud cavities;
- 1.2. By a horizontal distance of not less than the depth of the wall cavity where the wall cavity is filled with cellulose loose-fill, rockwool or slag mineral wool insulation;
- 1.3. By solid fireblocking in accordance with Section 718.2.1;
- 1.4. By protecting both outlet boxes with listed putty pads; or
- 1.5. By other listed materials and methods.

2. Membrane penetrations by listed electrical boxes of any material, provided such boxes have been tested for use in fire-resistance-rated assemblies and are installed in accordance with the instructions included in the listing. The annular space between the wall membrane and the box shall not exceed 1/8 inch (3.1 mm) unless listed otherwise. Such boxes on opposite sides of the wall or partition shall be separated by one of the following:

- 2.1. By the horizontal distance specified in the listing of the electrical boxes;
 - 2.2. By solid fireblocking in accordance with Section 718.2.1;
 - 2.3. By protecting both boxes with listed putty pads; or
 - 2.4. By other listed materials and methods.
3. Membrane penetrations by electrical boxes of any size or type, that have been listed as part of a wall opening protective material system for use in fire-resistance-rated assemblies and are installed in accordance with the instructions included in the listing.
4. Membrane penetrations by boxes other than electrical boxes, provided such penetrating items and the annular space between the wall membrane and the box, are protected by an approved membrane penetration firestop system installed as tested in accordance with ASTM E814 or UL 1479, with a minimum positive pressure differential of 0.01 inch (2.49 Pa) of water, and shall have an F and T rating of not less than the required fire-resistance rating of the wall penetrated and be installed in accordance with their listing.
5. The annular space created by the penetration of an automatic sprinkler, provided it is covered by a metal escutcheon plate.

714.3.3 Dissimilar materials. Noncombustible penetrating items shall not connect to combustible items beyond the point of firestopping unless it can be demonstrated that the fire-resistance integrity of the wall is maintained.

A ACCESSIBILITY DETAILS

A0.1 SCALE: 3/8" = 1'-0"

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SHEET TITLE:
IBC 2012 FIRESTOPPING
CODES AND
ACCESSIBILITY DETAILS

PROJECT ADDRESS:
CLIENT'S NAME
BUSINESS NAME
BUSINESS ADDRESS

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GMT
HOME DESIGNS
Architects & Designers

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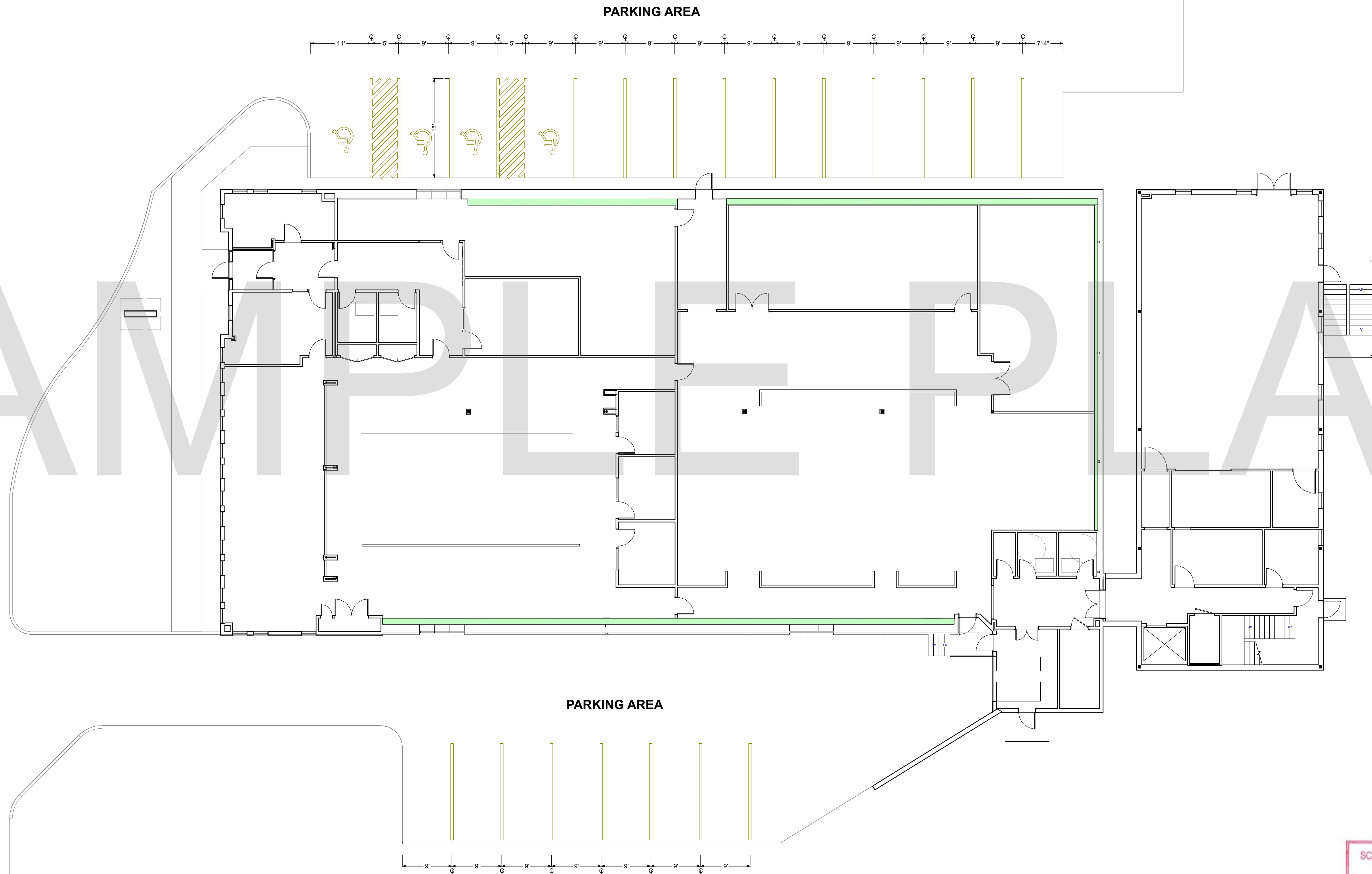
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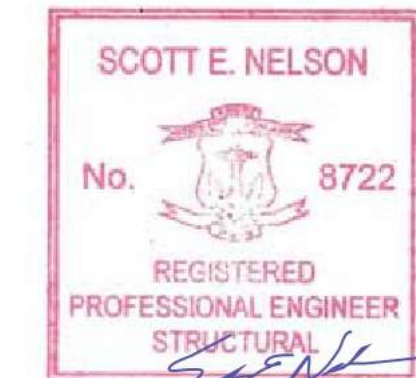


SITE PLAN NOTES

- REPAIR PARKING LOT AS NEEDED (BY LANDLORD)
- PROVIDE PARKING STRIPPING AS NEEDED. (BY LANDLORD)
- DELINEATE HANDICAP SPACES AS NEEDED. (BY LANDLORD)
- REPAIR ANY ROOF ISSUES. GUTTER AND TRIM REPAIR AS NEEDED (BY LANDLORD)
- PAINT EXTERIOR OF ENTIRE BUILDING WITH COHU COLORS (BY LANDLORD)
- BUILD NEW EXTERIOR FREESTANDING SIGN



A PROPOSED SITE PLAN
A0.2 SCALE: 1" = 10'



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SHEET TITLE:
SITE PLAN

PROJECT ADDRESS:
 CLIENT'S NAME
 BUSINESS NAME
 BUSINESS ADDRESS

DRAWINGS PROVIDED BY:
GMT
 HOME DESIGNS
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REV. DATE:
 9/19/2019
 SHEET:
A0.2

WALL LEGEND:

- 1 EXISTING EXTERIOR DRIVET WALL
- 2 EXISTING EXTERIOR WALL WITH NEW 6" 20 GA. METAL STUDS AT 16" O.C. TO 10' MAX. HT. WITH 5/8" GYP. BOARD. SECURE BOARD TO STUDS WITH DRYWALL SCREWS AT 10" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. 45 DEGREE METAL STUD REINFORCEMENT @ 48" O.C. ABOVE CEILING LINE TO STRUCTURE ABOVE. INSTALL 6" BATT INSULATION & VAPOR BARRIER ON INTERIOR SIDE. ALL JOINTS TO BE SEALED.
- 3 EXISTING METAL STUD INTERIOR WALLS TO REMAIN
- 4 NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. TO 10' MAX. HT. WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES. METAL STUD REINFORCEMENT @ 48" O.C. ABOVE CEILING LINE TO STRUCTURE ABOVE
- 5 NEW 1 HOUR RATED FIRE WALL WITH 3 5/8" 20 GA. METAL STUDS AT 16" O.C. TO ROOF STRUCTURE ABOVE WITH 5/8" TYP-X GYP. BOARD BOTH SIDES FULL HEIGHT TO BOTTOM OF ROOF SHEATHING. DRYWALL SCREWS @ 12" O.C., 45 DEGREES.
- 6 NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. TO ROOF STRUCTURE ABOVE WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES. SOUND ATTENUATING INSULATION IN WALL.
- 7 NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. PARITAL HEIGHT WALL. SEE PLAN FOR FINISHED HEIGHT. WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES.

EGRESS SYMBOLS LEGEND

- EGRESS PATH OF TRAVEL - SEE SHEET A0.2 FOR CONTINUATION TO THE PUBLIC WAY
- ⊗ INTERNALLY ILLUMINATED EXIT SIGN WITH BATTERY BACK-UP CONNECT TO EXISTING ELECTRICAL SERVICE (PROVIDED BY LANDLORD)
- EXIT TACTILE EXIT SIGN
- ☞ EMERGENCY EGRESS PATH OF TRAVEL LIGHTING WITH LED ULTRA BRIGHT, ENERGY EFFICIENT LIGHT EMITTING DIODES WITH NICAD BATTERY 90 MINUTE BACK-UP PER 1006.3 CONNECT TO EXISTING POWER SOURCE
- OCC. LOAD OCCUPANT LOAD PER 1004.3

MIXED USE / OCCUPANCY SEPARATION

- PROVIDE 1 HOUR SEPARATION BETWEEN B AND F-2 OCCUPANCIES PER TABLE 508.4
- NO SEPARATION REQUIRED BETWEEN A AND B OCCUPANCIES SINCE BREAK ROOM ASSEMBLY IS LESS THAN 10% OF THE FIRST FLOOR SPACE AND IS THEREFORE AN ANCILLARY SPACE PER CODE 508.2.3
- SMALL MEETING ROOM 103 AND CONFERENCE ROOM 109 EACH HAVE OCCUPANT LOADS LESS THAN 50, THEREFORE CLASSIFIED AS B OCCUPANCY WHICH DOES NOT REQUIRE SEPARATION PER SECTION 303.1.2

EXITING DATA:

EXIT WIDTH PER 1005.3.2
 EXIT WIDTH REQUIRED: 191 OCCUPANTS X 0.2 = 38.2"
 EXIT WIDTH PROVIDED: MINIMUM 49"
 NUMBER OF EXITS REQUIRED PER TABLE 1021.2.(2) PER 2012 IBC
 OCCUPANT LOAD: 191
 NUMBER OF EXITS FOR OVER 50 AND UNDER 500: 2 REQUIRED, 5 PROVIDED
 MAXIMUM EXIT TRAVEL DISTANCE PER TABLE 1016.2 IN 2012 IBC
 A OCCUPANCY WITH APPROVED SPRINKLER SYSTEM PER 903.1: 250 FEET
 B OCCUPANCY WITH APPROVED SPRINKLER SYSTEM PER 903.1: 300 FEET
 F-2 OCCUPANCY WITH APPROVED SPRINKLER SYSTEM PER 903.1: 400 FEET
 S-2 OCCUPANCY WITH APPROVED SPRINKLER SYSTEM PER 903.1: 400 FEET
 LANDINGS ON EACH SIDE OF DOORS SHALL NOT BE MORE THAN 1/2" LOWER THAN THE DOORWAY

OCCUPANT LOAD SUMMARY: FIRST FLOOR

OCCUPANT LOAD PER TABLE 1004.1.2

ROOM NO.	ROOM NAME	GROUP OCCUPANCY	OCC. LOAD FACTOR	SQ. FT.	OCC. LOAD
101	VESTIBULE	-	-	60	-
102	ENTRY	-	-	100	-
103	SMALL MEETING ROOM	B BUSINESS	1 PER 100 SQ. FT.	194	2
104	HR OFFICE	B BUSINESS	1 PER 100 SQ. FT.	252	3
105	HALL	-	-	305	-
106	ADA BATHROOM	-	-	70	-
107	ADA BATHROOM	-	-	70	-
108	BREAK ROOM	A ASSEMBLY	1 PER 15 SQ. FT.	1070	71
109	CONFERENCE ROOM	B BUSINESS	1 PER 100 SQ. FT.	300	3
110	CLOSET	-	-	18	-
111	CLOSET	-	-	18	-
112	OFFICE CUBICLES	B BUSINESS	1 PER 100 SQ. FT.	939	9
113	OFFICE CUBICLES	B BUSINESS	1 PER 100 SQ. FT.	2636	26
114	OFFICE	B BUSINESS	1 PER 100 SQ. FT.	132	1
115	OFFICE	B BUSINESS	1 PER 100 SQ. FT.	132	1
116	OFFICE	B BUSINESS	1 PER 100 SQ. FT.	132	1
117	CLOSET	-	-	37	-
118	EMPLOYEE ENTRY	-	-	203	-
119	AUTOMATED ASSEMBLY	F INDUSTRIAL	1 PER 100 SQ. FT.	991	10
120	CORRIDOR, WALLS	-	-	1770	-
121	ASSEMBLY AREA	F INDUSTRIAL	1 PER 300 SQ. FT.	2082	21
122	STAGING/INVENTORY	S2 STORAGE/METAL PARTS	1 PER 300 SQ. FT.	869	3
123	SHIPPING/RECEIVING	S2 STORAGE/METAL PARTS	1 PER 300 SQ. FT.	427	2
124	JANITOR	-	-	37	-
125	ADA BATHROOM	-	-	63	-
126	ADA BATHROOM	-	-	63	-
127	HALL	-	-	173	-
128	LOADING DOCK	-	-	175	-
129	ELECTRICAL ROOM	-	-	118	-
130	HALL	-	-	287	-
131	HALL	-	-	63	-
132	COLUMN FILTER ROOM	-	-	195	-
133	OFFICE	B BUSINESS	1 PER 100 SQ. FT.	98	1
134	MACHINE SHOP	F INDUSTRIAL	1 PER 100 SQ. FT.	1692	17
135	SERVER/PAPER STORAGE	-	-	112	-
136	WASTE STORAGE	-	-	172	-
137	STAIRWELL	-	-	137	-
TOTAL 1ST FLOOR ONLY				16,244	171

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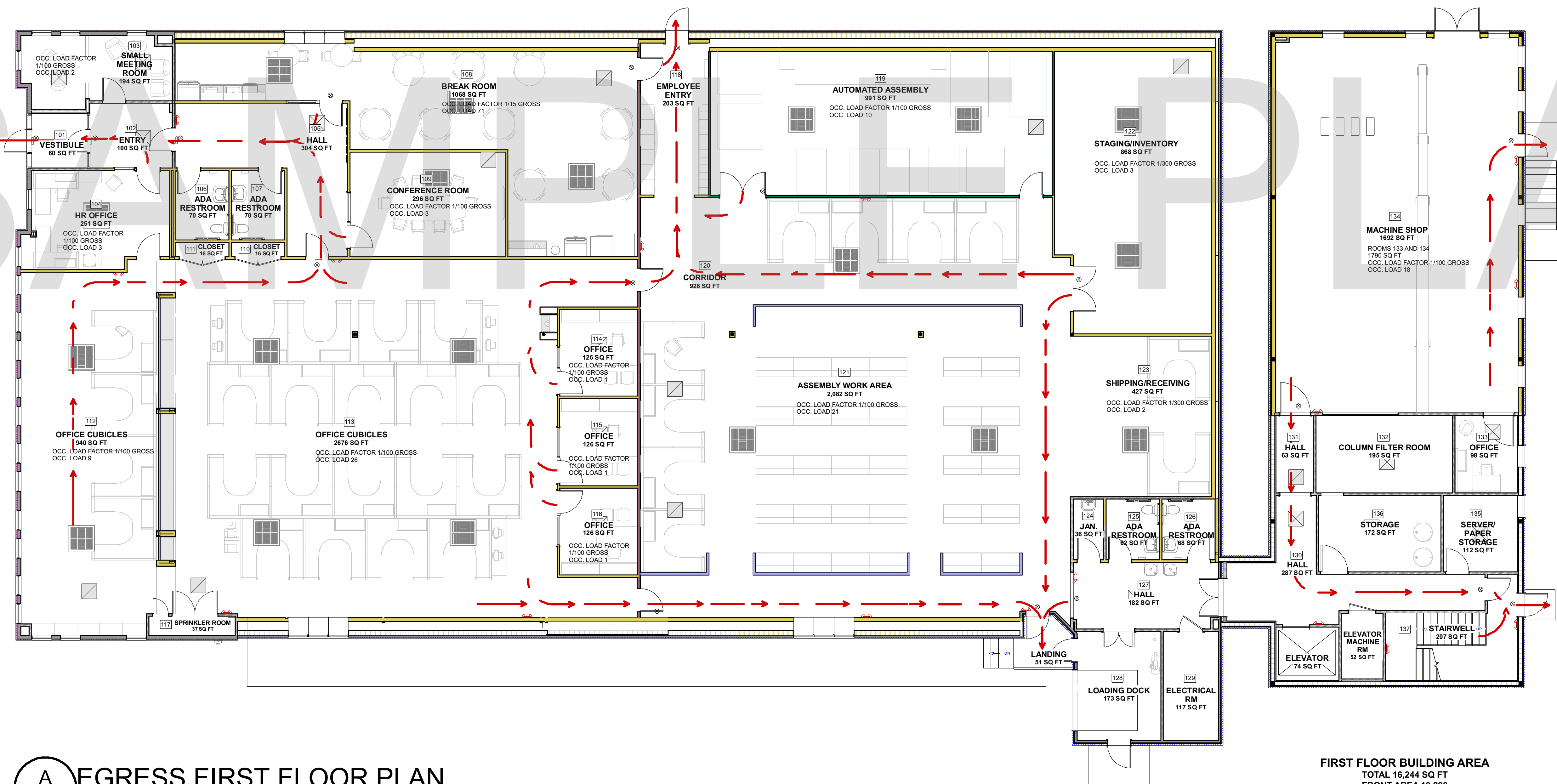
SHEET TITLE:
LIFE SAFETY FIRST FLOOR PLAN

PROJECT ADDRESS:
 CLIENT'S NAME
 BUSINESS NAME
 BUSINESS ADDRESS

DRAWINGS PROVIDED BY:
 GMT Home Designs, Inc.
 60 Pleasant Street
 Suite 100
 Ashland, MA 01721
 (508) 881-7992
 gmt@gmtdesigns.com

REV. DATE:
 9/19/2019

SHEET:
A0.3



A
A0.3 EGRESS FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"

FIRST FLOOR BUILDING AREA
 TOTAL 16,244 SQ FT
 FRONT AREA 13,293
 REAR AREA 2,951

TOTAL BUILDING AREA
 22,146 SQ FT

WALL LEGEND:

- ① EXISTING EXTERIOR WALL
- ② EXISTING EXTERIOR WALL WITH NEW 6" GA. METAL STUDS AT 16" O.C. TO 10' MAX. HT. WITH 5/8" GYP. BOARD, SECURE BOARD TO STUDS WITH DRYWALL SCREWS AT 10" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. 45 DEGREE METAL STUD REINFORCEMENT @ 48" O.C. ABOVE CEILING LINE TO STRUCTURE ABOVE. INSTALL 6" BATT INSULATION & VAPOR BARRIER ON INTERIOR SIDE. ALL JOINTS TO BE SEALED.
- ③ EXISTING METAL STUD INTERIOR WALLS TO REMAIN
- ④ NEW 3 5/8" 20 GA. METAL STUDS WALLS AT 16" O.C. TO 10' MAX. HT. WITH 5/8" GYP. BOARD BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES. METAL STUD REINFORCEMENT @ 48" O.C. ABOVE CEILING LINE TO STRUCTURE ABOVE.
- ⑤ NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. PARITAL HEIGHT WALL. SEE PLAN FOR FINISHED HEIGHT, WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES.

MIXED USE / OCCUPANCY SEPARATION

1. PROVIDE 1 HOUR SEPARATION BETWEEN B AND F-2 OCCUPANCIES PER TABLE 508.4

EXITING DATA:

EXIT WIDTH PER 1005.3.2
 EXIT WIDTH REQUIRED: 191 OCCUPANTS X 0.2 = 38.2"
 EXIT WIDTH PROVIDED: MINIMUM 49"
 NUMBER OF EXITS REQUIRED PER TABLE 1006.3.1 PER 2015 IBC
 OCCUPANT LOAD: 191
 NUMBER OF EXITS FOR 1 - 500: 2 REQUIRED, 5 PROVIDED
 MAXIMUM EXIT TRAVEL DISTANCE PER TABLE 1016.2 IN 2012 1BC
 A OCCUPANCY WITH APPROVED SPRINKLER SYSTEM PER 903.1: 250 FEET
 B OCCUPANCY WITH APPROVED SPRINKLER SYSTEM PER 903.1: 300 FEET
 F-2 OCCUPANCY WITH APPROVED SPRINKLER SYSTEM PER 903.1: 400 FEET
 S-2 OCCUPANCY WITH APPROVED SPRINKLER SYSTEM PER 903.1: 400 FEET

EGRESS SYMBOLS LEGEND

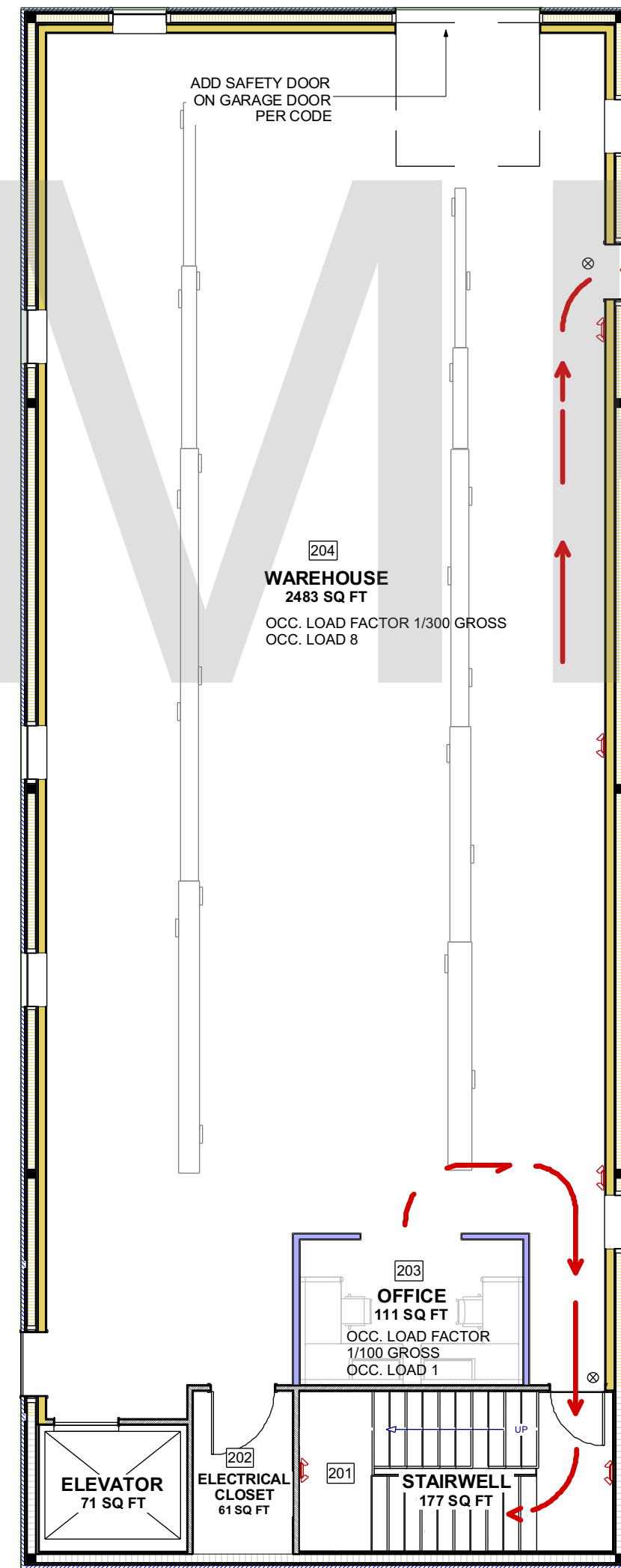
- ➔ EGRESS PATH OF TRAVEL - SEE SHEET A0.2 FOR CONTINUATION TO THE PUBLIC WAY
- ⊗ INTERNALLY ILLUMINATED EXIT SIGN WITH BATTERY BACK-UP CONNECT TO EXISTING ELECTRICAL SERVICE (PROVIDED BY LANDLORD)
- EXIT TACTILE EXIT SIGN
- ☞ EMERGENCY EGRESS PATH OF TRAVEL LIGHTING WITH LED ULTRA BRIGHT, ENERGY EFFICIENT LIGHT EMITTING DIODES WITH NICAD BATTERY 90 MINUTE BACK-UP PER 1006.3 CONNECT TO EXISTING POWER SOURCE
- OCC. LOAD OCCUPANT LOAD PER 1004.3

OCCUPANT LOAD SUMMARY: 2ND FLOOR OCCUPANT LOAD PER TABLE 1004.1.2

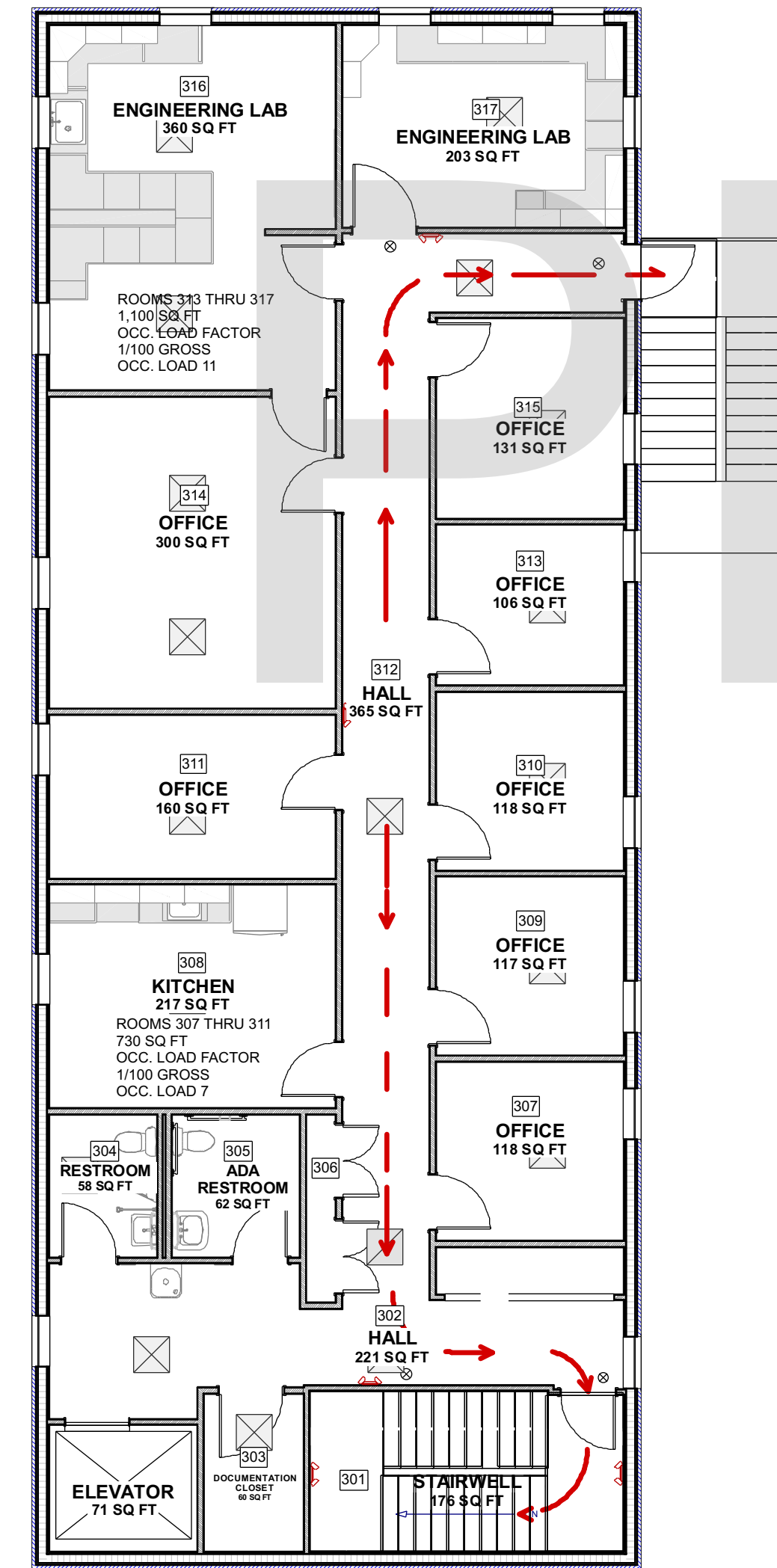
ROOM NO.	ROOM NAME	GROUP OCCUPANCY	OCC. LOAD FACTOR	SQ. FT.	OCC. LOAD
201	STAIRWELL, WALLS	-	-	298	-
202	ELECTRICAL CLOSET	-	-	60	-
203	OFFICE	B BUSINESS	1 PER 100 SQ. FT.	112	1
204	WAREHOUSE	S-2 STORAGE	1 PER 300 SQ. FT.	2481	8
TOTAL 2ND FLOOR ONLY				2,951	9

OCCUPANT LOAD SUMMARY: 3RD FLOOR OCCUPANT LOAD PER TABLE 1004.1.2

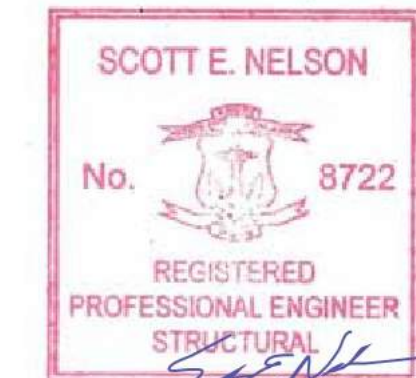
ROOM NO.	ROOM NAME	GROUP OCCUPANCY	OCC. LOAD FACTOR	SQ. FT.	OCC. LOAD
301	STAIRWELL	-	-	176	-
302	HALL	-	-	221	-
303	DOCUMENTATION CLOSET	-	-	59	-
304	BATHROOM, MEN	-	-	58	-
305	BATHROOM, WOMEN	-	-	62	-
306	CLOSET	-	-	-	-
307-311	OFFICE 307 THROUGH 311	B BUSINESS	1 PER 100 SQ. FT.	730	7
312	HALL, WALLS	-	-	545	-
313-317	OFFICE 313 THROUGH 317	B BUSINESS	1 PER 100 SQ. FT.	1100	11
TOTAL 3RD FLOOR ONLY				2,951	18



A EGRESS SECOND FLOOR PLAN
 A0.4 SCALE: 1/8" = 1'-0"



B EGRESS THIRD FLOOR PLAN
 A0.4 SCALE: 1/8" = 1'-0"



SAMPLE PLAN

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ENGINEER
 Scott Nelson, PE
 (978) 866-4249

SHEET TITLE:
LIFE SAFETY SECOND AND THIRD FLOOR PLANS

PROJECT ADDRESS:
 CLIENT'S NAME
 BUSINESS NAME
 BUSINESS ADDRESS

DRAWINGS PROVIDED BY:
GMT
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 gmtmousedesigns.com

REV. DATE:
 9/19/2019

SHEET:
A0.4

WALL LEGEND:

- EXTERIOR WALL, EXISTING
- 2X4 INTERIOR WALL, EXISTING
- 2X4 INTERIOR WALL, DEMO

DIMENSIONS:

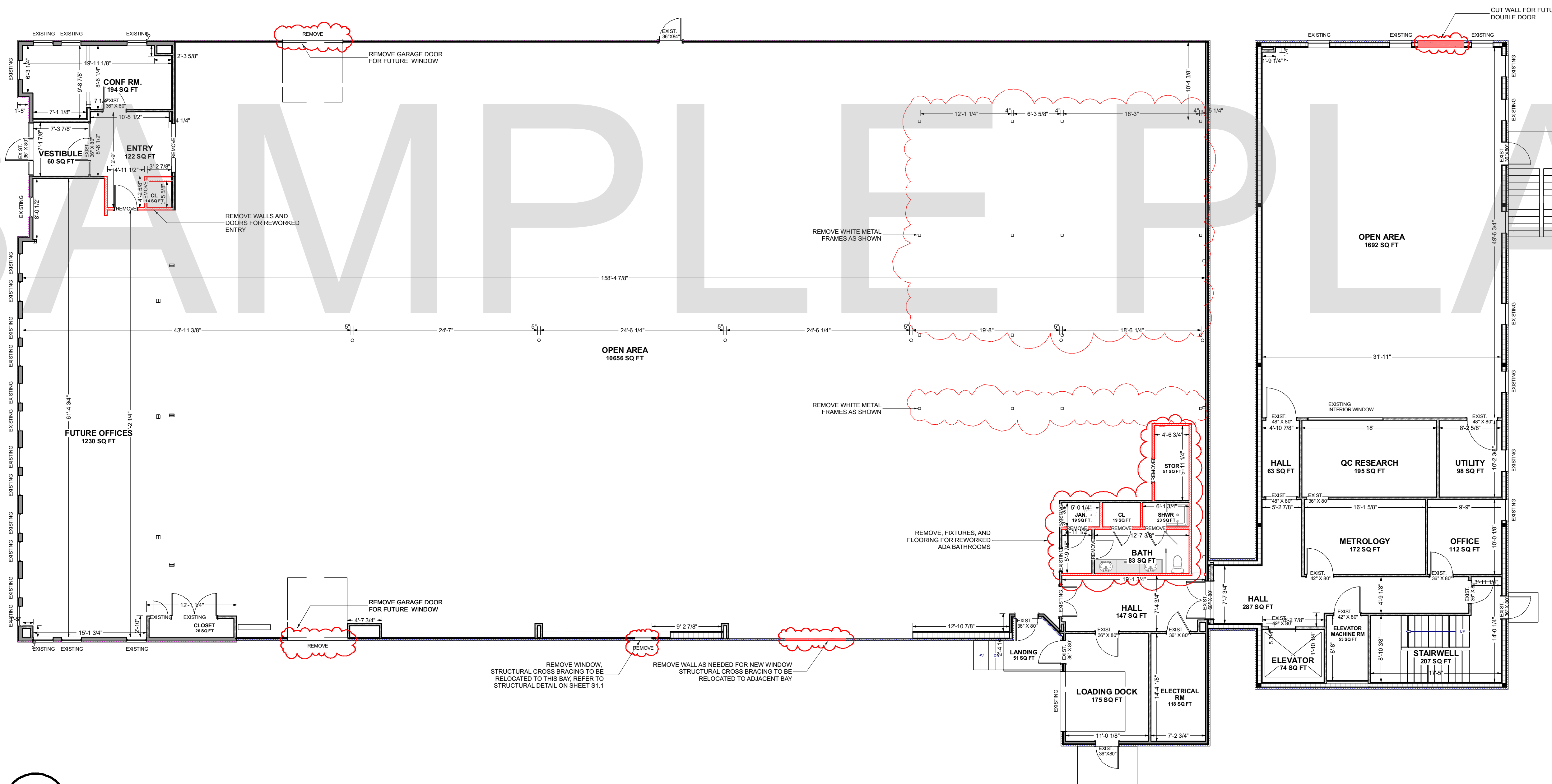
- ALL EXISTING INTERIOR DIMENSIONS ARE FROM PLASTERED SURFACE TO SURFACE
- ALL EXTERIOR DIMENSIONS ARE TO EXTERIOR WALL SURFACES
- ALL PROPOSED DIMENSIONS ARE TAKEN FROM STUD TO STUD

EXISTING CONDITIONS: FIRST FLOOR

- EXTERIOR WALL: FRONT DRYVIT, REAR METAL
 INTERIOR WALL: METAL STUDS WITH GYP. BOARD
 INTERIOR FLOOR: CONCRETE SLAB (VINYL FLOOR COVERING HAS ALREADY BEEN REMOVED)
 HEATING: WARM AIR, GAS
 COOLING: CENTRAL
 SPRINKLER TYPE: WET
 CEILING: OPEN/NONE

DEMOLITION NOTES: FIRST FLOOR

- REMOVE WALLCOVERINGS AND INSULATION AT REMAINING WALLS NOT DEMO-ED BY LANDLORD, LEAVE ALL FRAMING IF POSSIBLE, UNLESS INDICATE TO BE DEMO-ED IN PLAN
- LEAVE FRAMING IN PLACE AT MAIN BUILDING FRONT AND SIDE WALLS.
- LEAVE FRAMING IN PLACE AT REAR BUILDING FUTURE MACHINE SHOP AREA.
- REMOVE REMAINING PARTITIONS AT REAR FIRST FLOOR BATHROOM AREA UP TO MAIN HALL AND PREP FOR NEW FRAMING
- REMOVE ALL INTERIOR STEEL FRAMING (WHITE) LEFT BY REMOVED HVAC SYSTEM.
- REMOVE EXTERIOR WALLS AT NEW WINDOW AND DOOR LOCATIONS REFRAME OPENING PER PLAN FOR NEW SPACES.
- CUT CONCRETE FLOOR AND TRENCH EXCAVATION FOR WASTE PIPE AND ELECTRICAL FEEDS AS NEEDED PER PLANS.
- REMOVE 12 X 12 VCT TILES FROM FIRST FLOOR REAR BUILDING.
- REMOVE ALL DEMOLITION AND CONSTRUCTION DEBRIS FROM SITE



A DEMOLITION FIRST FLOOR PLAN
 A1.1 SCALE: 1/8" = 1'-0"



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SHEET TITLE:
DEMOLITION FIRST FLOOR PLAN

PROJECT ADDRESS:
 CLIENT'S NAME
 BUSINESS NAME
 BUSINESS ADDRESS

DRAWINGS PROVIDED BY:
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 (508) 881-7992
 gtmhomedesigns.com

REV. DATE:
 9/19/2019

SHEET:
A1.1

WALL LEGEND:

- EXTERIOR WALL, EXISTING
- 2X4 INTERIOR WALL, EXISTING
- 2X4 INTERIOR WALL, DEMO

DIMENSIONS:

- ALL EXISTING INTERIOR DIMENSIONS ARE FROM PLASTERED SURFACE TO SURFACE
- ALL EXTERIOR DIMENSIONS ARE TO EXTERIOR WALL SURFACES

- ALL PROPOSED DIMENSIONS ARE TAKEN FROM STUD TO STUD

EXISTING CONDITIONS: SECOND FLOOR

- EXTERIOR WALL: METAL
- INTERIOR WALL: METAL STUDS WITH GYP. BOARD
- INTERIOR FLOOR: STEEL GRATING, UNFINISHED
- HEATING: WARM AIR, GAS
- COOLING: CENTRAL
- SPRINKLER TYPE: WET
- CEILING: OPEN/NONE

DEMOLITION NOTES: SECOND FLOOR

- o REMOVE WALLCOVERINGS AND INSULATION AT REMAINING WALLS NOT DEMO-ED BY
- o LANDLORD, LEAVE ALL FRAMING IF POSSIBLE, UNLESS INDICATE TO BE DEMO-ED IN PLAN
- o REMOVE FRAMING AT SECOND FLOOR EXTERIOR WALLS AND INTERIOR PARTIAL HEIGHT OFFICE PARTITIONS.
- o REMOVE ALL DEMOLITION AND CONSTRUCTION DEBRIS FROM SITE

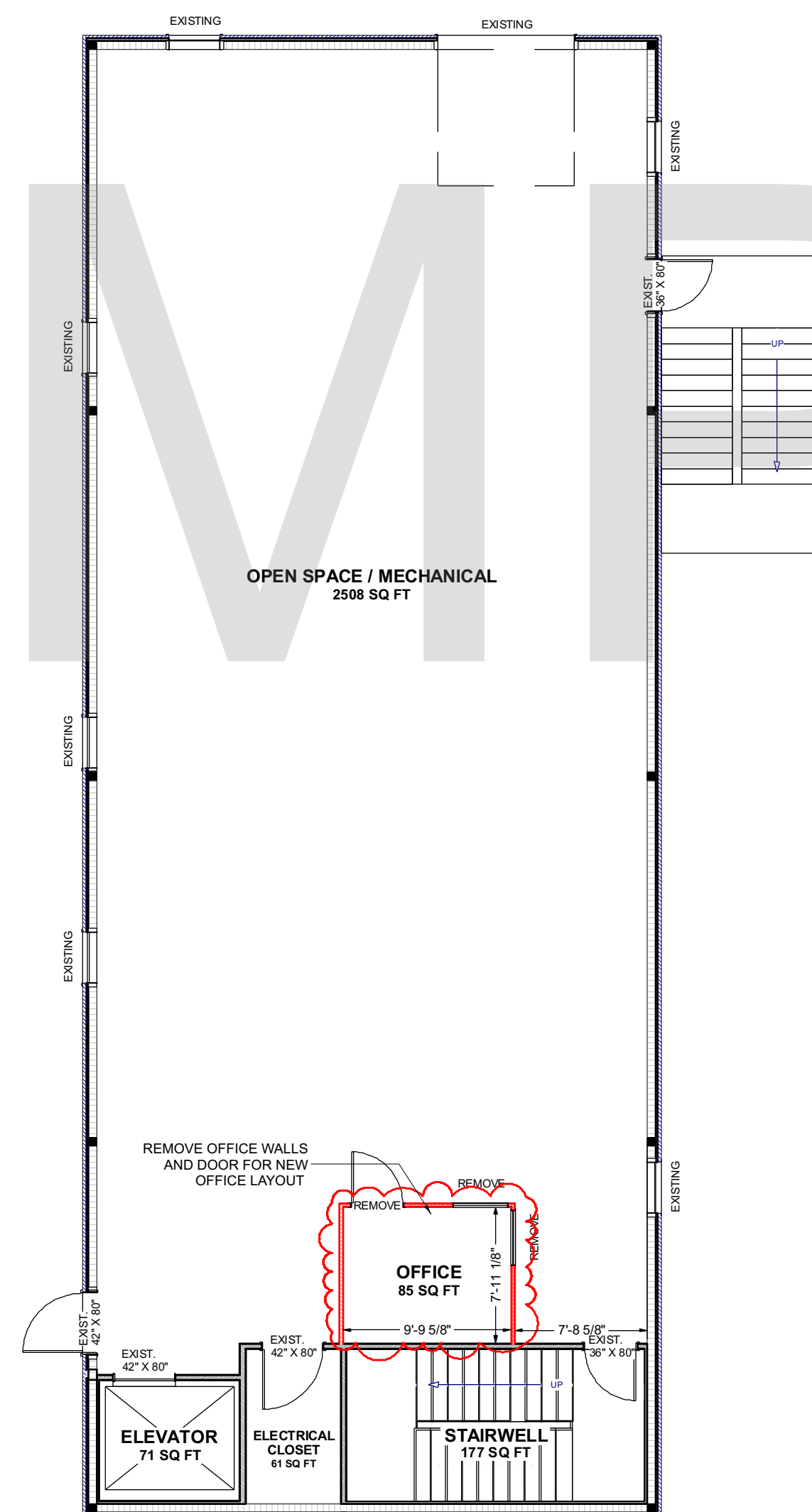
EXISTING CONDITIONS: THIRD FLOOR

- EXTERIOR WALL: METAL
- INTERIOR WALL: METAL STUDS WITH GYP. BOARD
- INTERIOR FLOOR: METAL PAN WITH CONCRETE SLAB, 12 X 12 VCT TILES
- HEATING: WARM AIR, GAS
- COOLING: CENTRAL
- SPRINKLER TYPE: WET
- CEILING: 2'X4' GRIDS WITH 2'X4' DROPPED ACOUSTIC CEILING

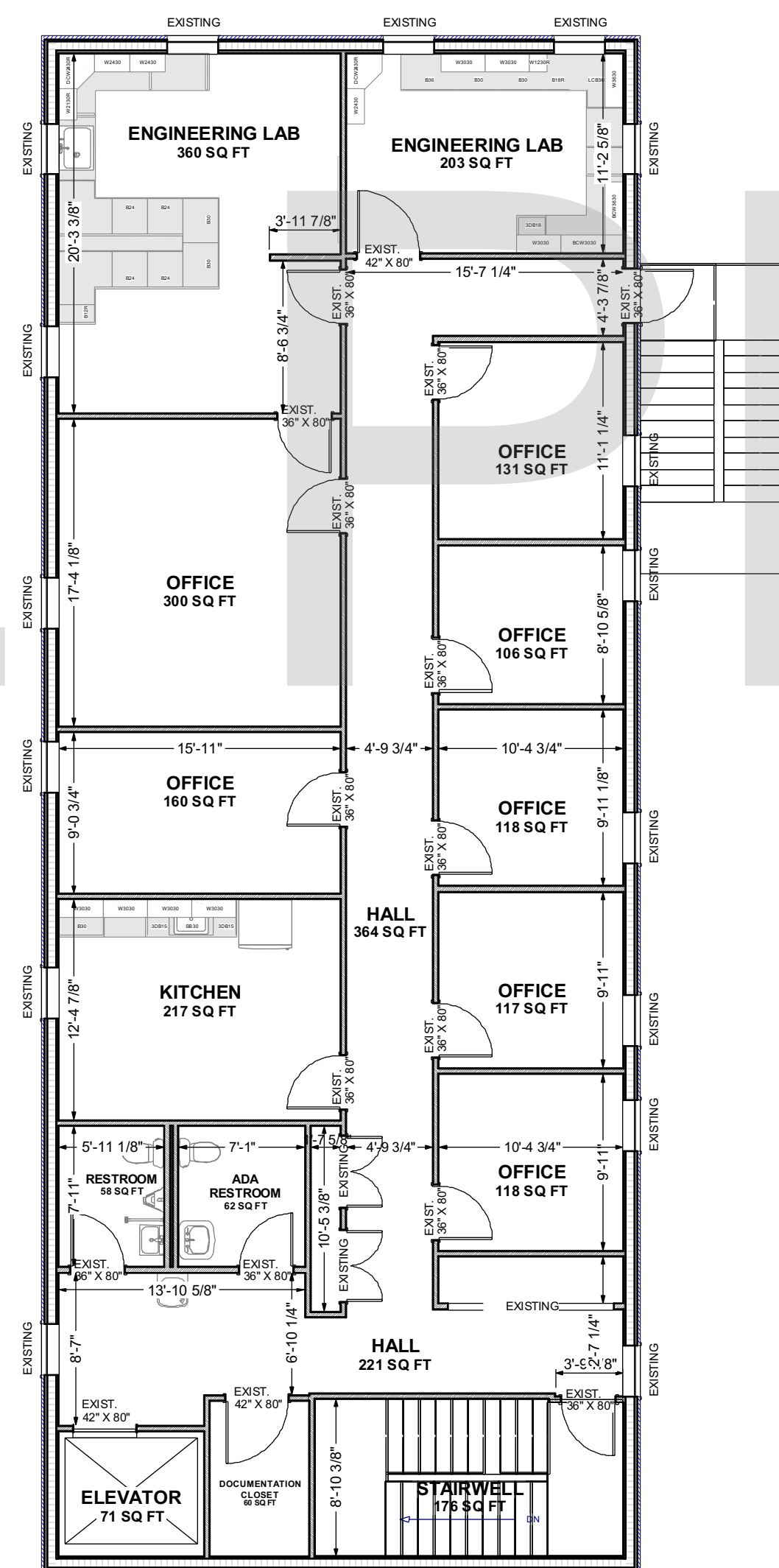
DEMOLITION NOTES: THIRD FLOOR

- o LEAVE ALL WALLS AND WALLCOVERINGS IN PLACE ON THIRD FLOOR
- o REMOVE ALL CEILING TILES FROM THIRD FLOOR SUSPENDED CEILING, LEAVING
- o EXISTING CEILING GRIDS IN PLACE.
- o REMOVE ALL INSULATION FROM CEILING.
- o REMOVE 12 X 12 VCT TILES FROM THIRD FLOOR.
- o REMOVE ALL DEMOLITION AND CONSTRUCTION DEBRIS FROM SITE

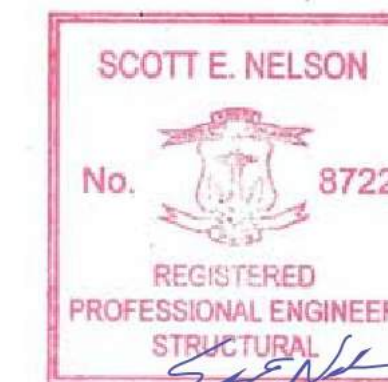
SAMPLE PLAN



A DEMOLITION SECOND FLOOR PLAN
A1.2 SCALE: 1/8" = 1'-0"



B DEMOLITION THIRD FLOOR PLAN
A1.2 SCALE: 1/8" = 1'-0"



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(978) 866-4249

SHEET TITLE:
DEMOLITION SECOND AND THIRD FLOOR PLANS

PROJECT ADDRESS:
CLIENT'S NAME
BUSINESS NAME
BUSINESS ADDRESS

DRAWINGS PROVIDED BY:
GMT Home Designs, Inc.
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gmthomedesigns.com

REV. DATE:
9/19/2019

SHEET:
A1.2

WALL LEGEND:

- 1 EXISTING EXTERIOR DRIVIT WALL
- 2 EXISTING EXTERIOR WALL WITH NEW 6" 20 GA. METAL STUDS AT 16" O.C. TO 10' MAX. HT. WITH 5/8" GYP. BOARD, SECURE BOARD TO STUDS WITH DRYWALL SCREWS AT 10" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. 45 DEGREE METAL STUD REINFORCEMENT @ 48" O.C. ABOVE CEILING LINE TO STRUCTURE ABOVE. INSTALL 6" BATT INSULATION & VAPOR BARRIER ON INTERIOR SIDE. ALL JOINTS TO BE SEALED.
- 3 EXISTING METAL STUD INTERIOR WALLS TO REMAIN
- 4 NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. TO 10' MAX. HT. WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES. METAL STUD REINFORCEMENT @ 48" O.C. ABOVE CEILING LINE TO STRUCTURE ABOVE
- 5 NEW 1 HOUR RATED FIRE WALL WITH 3 5/8" 20 GA. METAL STUDS AT 16" O.C. TO ROOF STRUCTURE ABOVE WITH 5/8" TYP-X GYP. BOARD BOTH SIDES FULL HEIGHT TO BOTTOM OF ROOF SHEATHING. DRYWALL SCREWS @ 12" O.C., 45 DEGREES.
- 6 NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. TO ROOF STRUCTURE ABOVE WITH WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES. SOUND ATTENUATING INSULATION IN WALL.
- 7 NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. PARITAL HEIGHT WALL. SEE PLAN FOR FINISHED HEIGHT, WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES.

EXISTING CONDITIONS: FIRST FLOOR

EXTERIOR WALL: FRONT DRYVIT, REAR METAL STUDS WITH GYP. BOARD
 INTERIOR WALL: METAL STUDS WITH GYP. BOARD
 INTERIOR FLOOR: CONCRETE SLAB (VINYL FLOOR COVERING HAS ALREADY BEEN REMOVED)
 HEATING: WARM AIR, GAS
 COOLING: CENTRAL
 SPRINKLER TYPE: WET
 CEILING: OPEN/NONE

DIMENSIONS:

- ALL EXISTING INTERIOR DIMENSIONS ARE FROM PLASTERED SURFACE TO SURFACE
 - ALL EXTERIOR DIMENSIONS ARE TO EXTERIOR WALL SURFACES
 - ALL PROPOSED DIMENSIONS ARE TAKEN FROM STUD TO STUD

IBC CODE 2012 - PENETRATIONS

FOR FIRE RATED WALL TYPE #5 ON SCHEDULE REFER TO IBC CODE 2012 SECTION 714 - PENETRATIONS, NOTED ON SHEET A0.1

CONSTRUCTION NOTES: FIRST FLOOR

- GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- IF EXISTING ENTRANCE THRESHOLD EXCEEDS REQUIRED ADA MAXIMUM HEIGHTS OF 1/2", REMOVE AND REPLACE WITH ACCESSIBLE THRESHOLD. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS TO BE BEVELED WITH A SLOPE OF NO GREATER THAN 1:12
- GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING OR EQUIVALENT TO SUPPORT ANY WALL ATTACHMENT AND/OR SIGNAGE
- BUILD EXTERIOR WALLS WITH 6" METAL STUDS STANDING 1" INSIDE OF EXISTING EXTERIOR WALL. REFER TO PLAN A1.1 FOR LOCATIONS
- INSULATE EXTERIOR WALLS WITH R-19.23 MINIMUM
- INSTALL NEW EXTERIOR WINDOWS, REFRAMING OPENING PER PLAN

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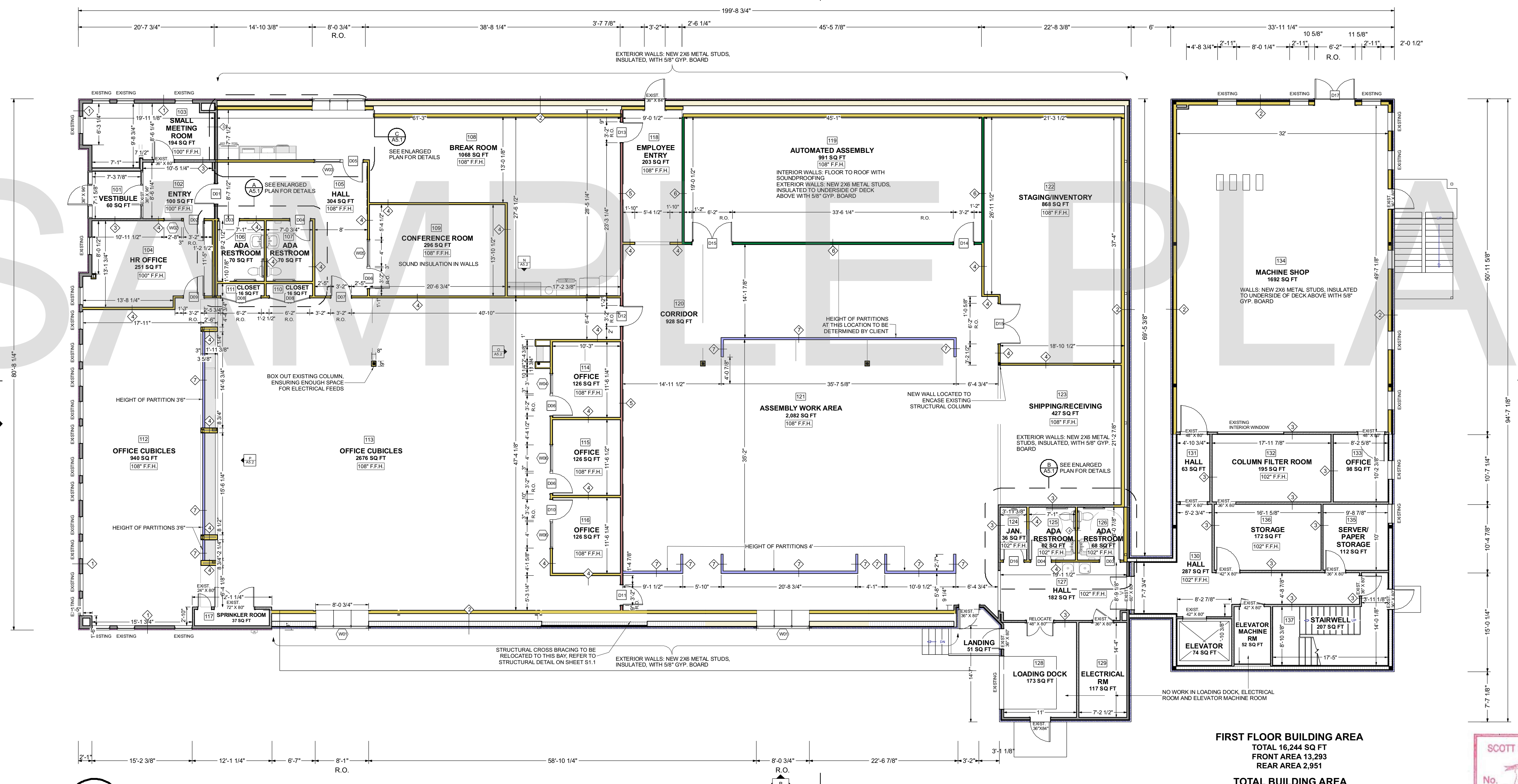
SHEET TITLE:
CONSTRUCTION FIRST FLOOR PLAN

PROJECT ADDRESS:
 CLIENT'S NAME
 BUSINESS NAME
 BUSINESS ADDRESS

DRAWINGS PROVIDED BY:
GMT Home Designs, Inc.
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 (508) 881-7992
 gmtmhome.com

REV. DATE:
 9/19/2019

SHEET:
A2.1



FIRST FLOOR BUILDING AREA
 TOTAL 16,244 SQ FT
 FRONT AREA 13,293
 REAR AREA 2,951

TOTAL BUILDING AREA
 22,146 SQ FT

A2.1 CONSTRUCTION FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"

WALL LEGEND:

- 1 EXISTING EXTERIOR WALL
- 2 EXISTING EXTERIOR WALL WITH NEW 6" GA. METAL STUDS AT 16" O.C. TO 10' MAX. HT. WITH 5/8" GYP. BOARD, SECURE BOARD TO STUDS WITH DRYWALL SCREWS AT 10" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. 45 DEGREE METAL STUD REINFORCEMENT @ 48" O.C. ABOVE CEILING LINE TO STRUCTURE ABOVE. INSTALL 6" BATT INSULATION & VAPOR BARRIER ON INTERIOR SIDE. ALL JOINTS TO BE SEALED.
- 3 EXISTING METAL STUD INTERIOR WALLS TO REMAIN
- 4 NEW 3 5/8" 20 GA. METAL STUDS WALLS AT 16" O.C. TO 10' MAX. HT. WITH 5/8" GYP. BOARD BOTH SIDES. DRYWALL SCREWS @ 12" O.C. 45 DEGREES. METAL STUD REINFORCEMENT @ 48" O.C. ABOVE CEILING LINE TO STRUCTURE ABOVE
- 7 NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. PARTIAL HEIGHT WALL, SEE PLAN FOR FINISHED HEIGHT, WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES.

DIMENSIONS:

- ALL EXISTING INTERIOR DIMENSIONS ARE FROM PLASTERED SURFACE TO SURFACE
- ALL EXTERIOR DIMENSIONS ARE TO EXTERIOR WALL SURFACES
- ALL PROPOSED DIMENSIONS ARE TAKEN FROM STUD TO STUD

EXISTING CONDITIONS: SECOND FLOOR

EXTERIOR WALL: METAL STUDS WITH GYP. BOARD
 INTERIOR WALL: STEEL GRATING, UNFINISHED
 HEATING: WARM AIR, GAS
 COOLING: CENTRAL
 SPRINKLER TYPE: WET
 CEILING: OPEN/NONE

CONSTRUCTION NOTES: SECOND FLOOR

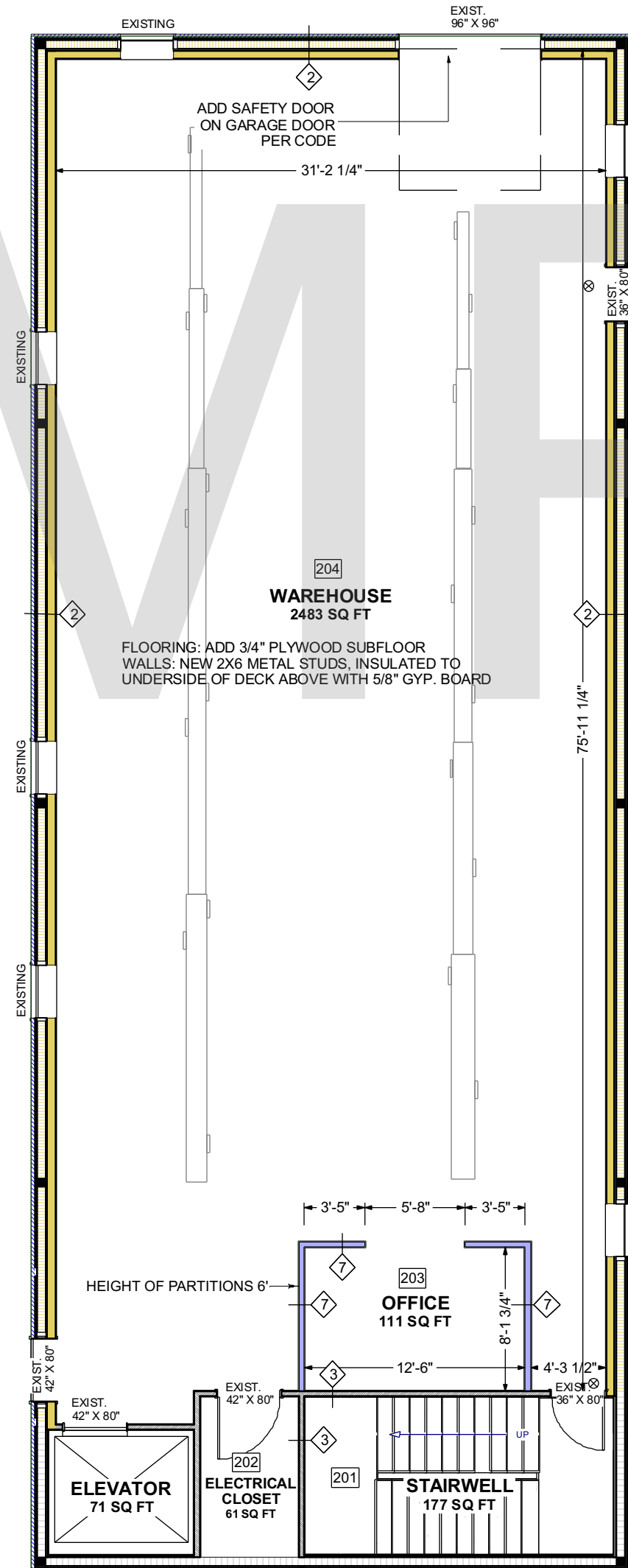
- o BUILD EXTERIOR WALLS WITH 6" METAL STUDS STANDING 1" INSIDE OF EXISTING EXTERIOR WALL
- o INSULATE EXTERIOR WALLS WITH R-19.23 MINIMUM
- o BUILD INTERIOR 6' PARTIAL HEIGHT WALL WITH 4" METAL STUDS
- o NEW SUBFLOOR INSTALLED ON TOP OF METAL GRATING

EXISTING CONDITIONS: THIRD FLOOR

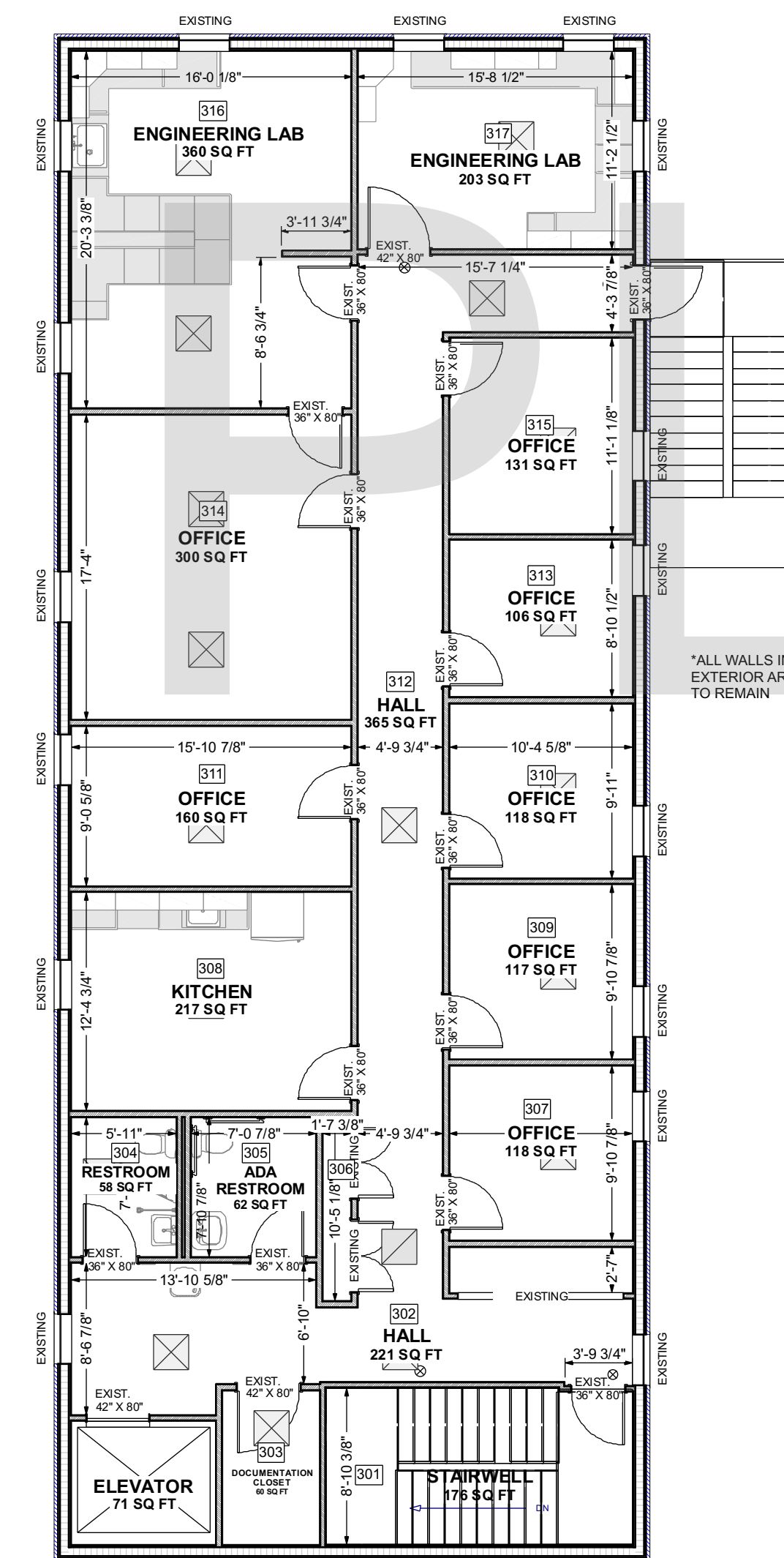
EXTERIOR WALL: METAL STUDS WITH GYP. BOARD
 INTERIOR WALL: METAL PAN WITH CONCRETE SLAB, 12 X 12 VCT TILES
 HEATING: WARM AIR, GAS
 COOLING: CENTRAL
 SPRINKLER TYPE: WET
 CEILING: 2'X4' GIRDS WITH 2'X4' DROPPED ACOUSTIC CEILING

CONSTRUCTION NOTES: THIRD FLOOR

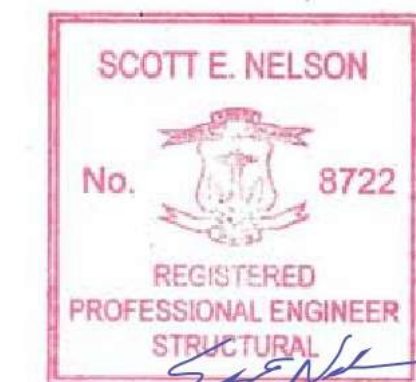
- o REUSE EXISTING CEILING GRIDS IF DEEMED ADEQUATE WITH NEW ACOUSTIC CEILING TILES.
- o INSTALL MINIMUM R-25 INSULATION ABOVE CEILING TILES.
- o PATCH WALLS AS REQUIRED, PREPARE SMOOTH (LEVEL 4) FINISH OF EXISTING WALLS FOR PRIMING.
- o NEW 12 X 12 VCT TILES ARMSTRONG OR EQUAL, GRAY COLOR TO BE SELECTED BY DESIGNER.
- o ACCESSIBLE ACCESSORIES IN BATHROOMS, INCLUDE GRAB BARS, MIRRORS, TOILET PAPER DISPENSER, SOAP AND PAPER TOWEL DISPENSER.
- o WALLS TO BE PAINTED BENJAMIN MOORE OR EQUAL, PAINT COLORS TO BE SELECTED BY DESIGNER.
- o METAL FRAMES TO BE PAINTED BLACK TO MATCH EXTERIOR WINDOW FRAMES.
- o RUBBER TILE FLOORING IN EXIT STAIRWAY TO BE REPAIRED AND SECURELY FASTENED TO FLOOR.



A CONSTRUCTION SECOND FLOOR PLAN
 A2.2 SCALE: 1/8" = 1'-0"



B CONSTRUCTION THIRD FLOOR PLAN
 A2.2 SCALE: 1/8" = 1'-0"



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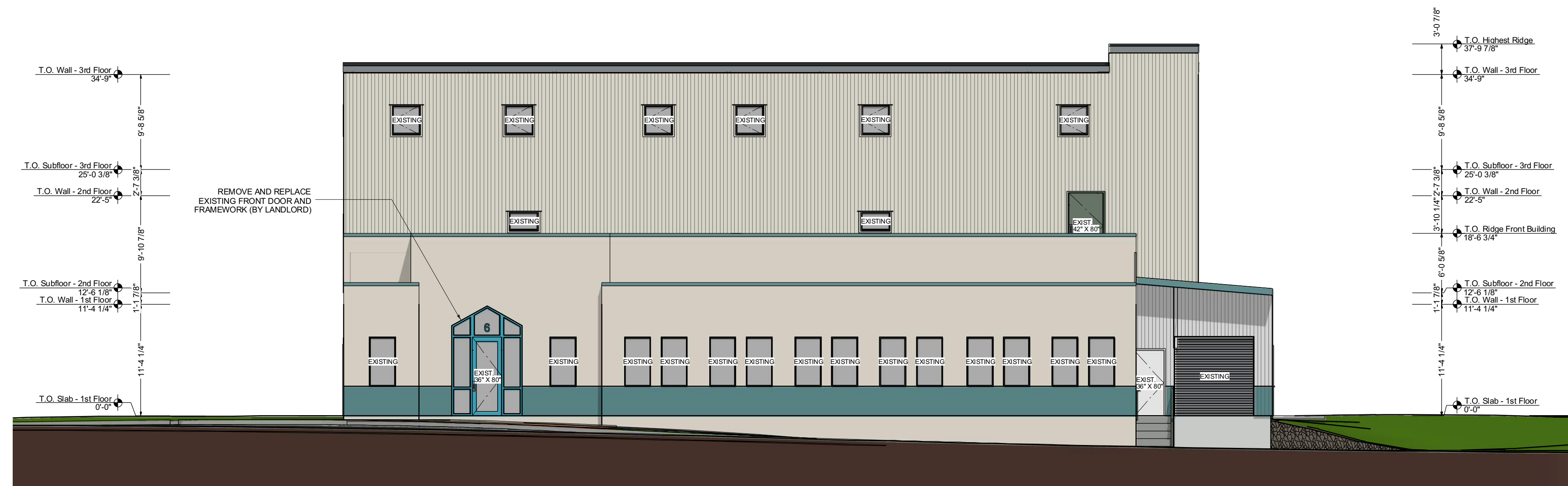
SHEET TITLE:
CONSTRUCTION SECOND AND THIRD FLOOR PLANS

PROJECT ADDRESS:
 CLIENT'S NAME
 BUSINESS NAME
 BUSINESS ADDRESS

DRAWINGS PROVIDED BY:
GMT
 HOME DESIGNS
 Architects & Designers

REV. DATE:
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SHEET:
A2.2



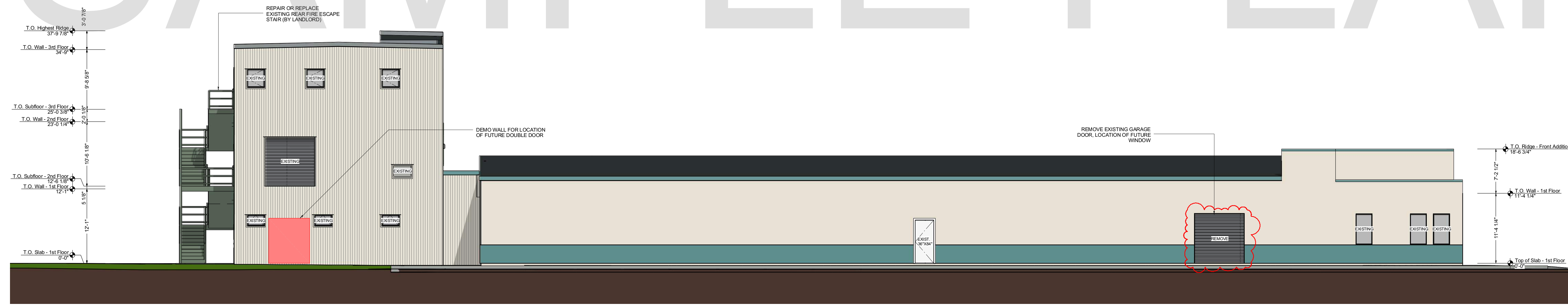
A
A3.1 **DEMOLITION FRONT ELEVATION**
SCALE: 1/8" = 1'-0"

DEMOLITION: ELEVATION NOTES

- REMOVE FRONT DOOR AND FRAMEWORK FOR REPLACEMENT (BY LANDLORD)
- REMOVE AND REPLACE EXISTING GLASS WINDOWS THAT HAVE SEAL FAILURE (BY LANDLORD)
- REMEDIATE BLACK MOLD FOUND ON BACKSIDE OF EXTERIOR DRYVIT WALLS.
- REPAIR OR REPLACE EXISTING REAR FIRE ESCAPE STAIR.
- REMOVE EXTERIOR WALLS AT NEW WINDOW AND DOOR LOCATIONS REFRAME OPENING PER PLAN FOR NEW SPACES.
- REMOVE ALL DEMOLITION AND CONSTRUCTION DEBRIS FROM SITE

EXISTING CONDITIONS: EXTERIOR

EXTERIOR WALL: DRYVIT FRONT, METAL REAR
 ROOF STRUCTURE: FLAT AT 3-STORY, SLIGHT GABLE PITCH ON 1-STORY BUILDING
 ROOF COVERING: RUBBER
 WINDOWS: FIXED WITH DARK METAL FRAMES



B
A3.1 **DEMOLITION LEFT ELEVATION**
SCALE: 1/8" = 1'-0"

SAMPLE PLAN

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SHEET TITLE:
DEMOLITION FRONT AND LEFT ELEVATIONS

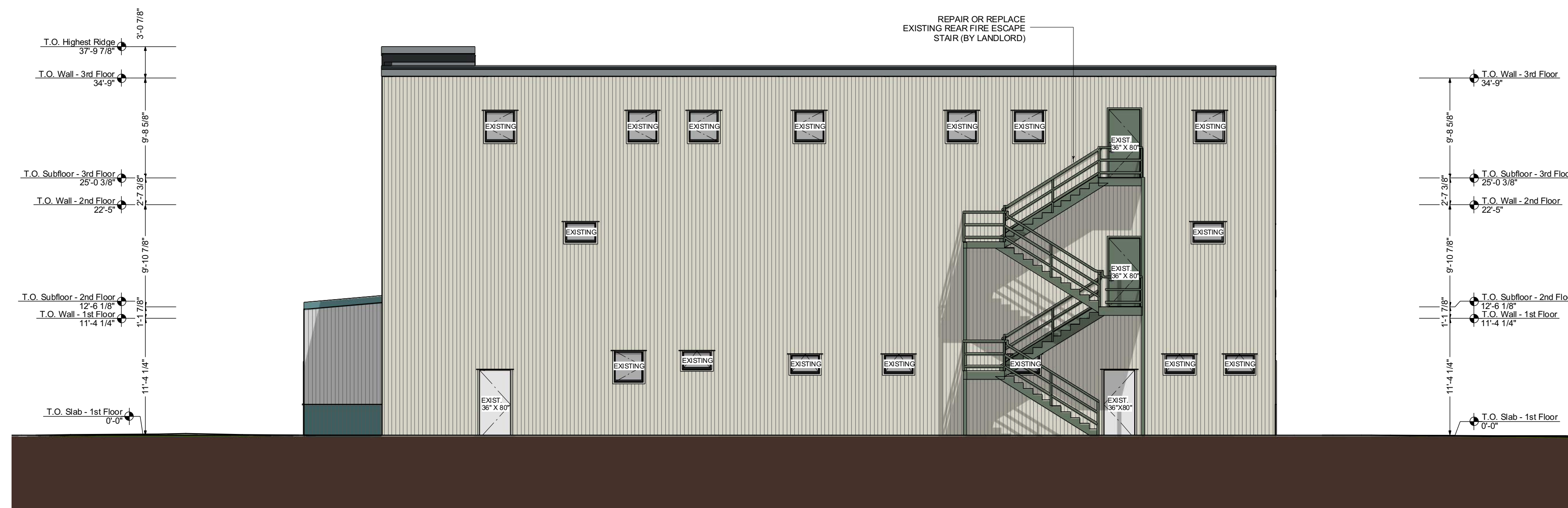
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REV. DATE:
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SHEET:
A3.1





A DEMOLITION REAR ELEVATION
 A3.2 SCALE: 1/8" = 1'-0"

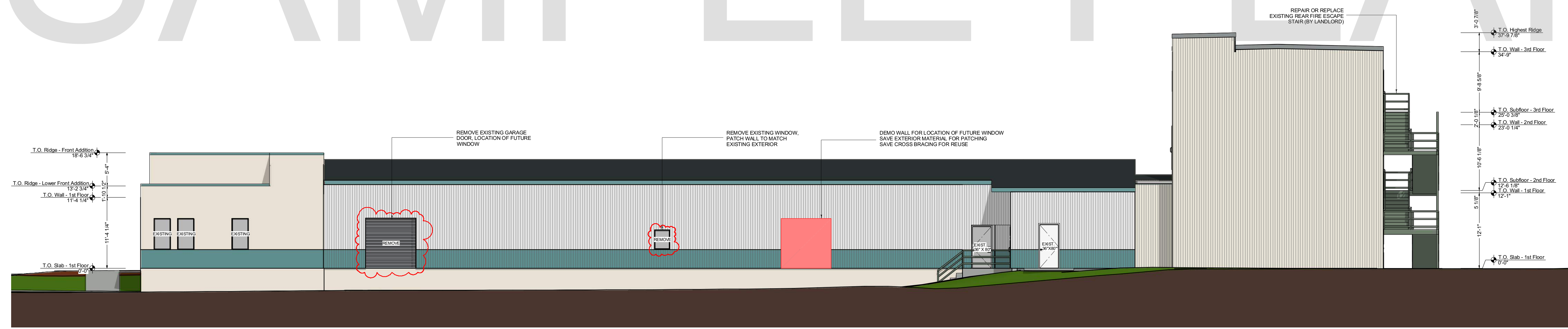
DEMOLITION: ELEVATION NOTES

- REMOVE AND REPLACE EXISTING GLASS WINDOWS THAT HAVE SEAL FAILURE (BY LANDLORD)
- REMEDIATE BLACK MOLD FOUND ON BACKSIDE OF EXTERIOR DRYVIT WALLS.
- REPAIR OR REPLACE EXISTING REAR FIRE ESCAPE STAIR.
- REMOVE EXTERIOR WALLS AT NEW WINDOW AND DOOR LOCATIONS REFRAME OPENING PER PLAN FOR NEW SPACES.
- REMOVE ALL DEMOLITION AND CONSTRUCTION DEBRIS FROM SITE

EXISTING CONDITIONS: EXTERIOR

EXTERIOR WALL: DRYVIT FRONT, METAL REAR
 ROOF STRUCTURE: FLAT AT 3-STORY, SLIGHT GABLE PITCH ON 1-STORY BUILDING
 ROOF COVERING: RUBBER
 WINDOWS: FIXED WITH DARK METAL FRAMES

SAMPLE PLAN



B DEMOLITION RIGHT ELEVATION
 A3.2 SCALE: 1/8" = 1'-0"

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ENGINEER
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 (978) 886-4249

SHEET TITLE:
DEMOLITION REAR AND RIGHT ELEVATIONS

PROJECT ADDRESS:
 CLIENT'S NAME
 BUSINESS NAME
 BUSINESS ADDRESS

DRAWINGS PROVIDED BY:
GMT
 HOME DESIGNS
 Architects & Designers
 60 Pleasant Street
 Suite 10C
 Ashland, MA 01721
 (508) 881-7992
 gtmhomedesigns.com

REV. DATE:
 9/19/2019
 SHEET:
A3.2





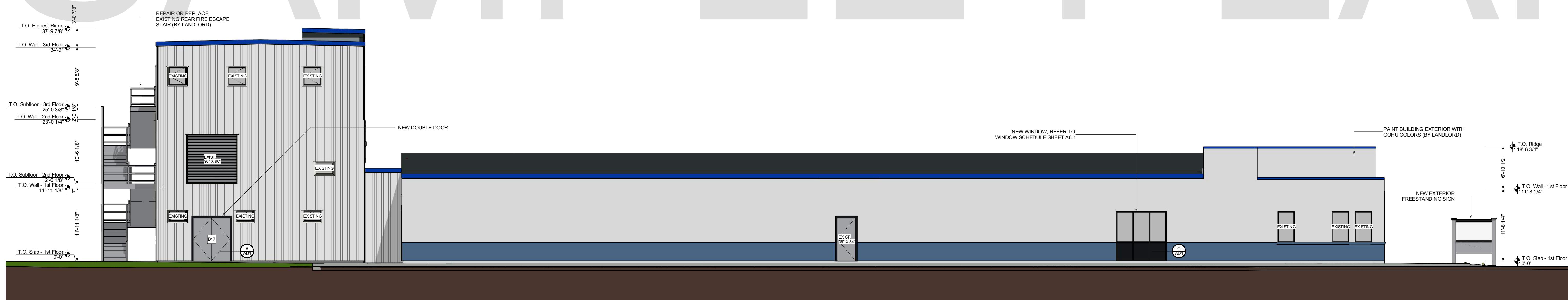
A PROPOSED FRONT ELEVATION
 A3.3 SCALE: 1/8" = 1'-0"

ELEVATION NOTES

- REPLACE FRONT DOOR AND FRAMEWORK (BY LANDLORD)
- REPLACE EXISTING GLASS WINDOWS THAT HAVE SEAL FAILURE (BY LANDLORD)
- REPAIR ALL EXTERIOR DRYVIT EXPANSION JOINTS AND AREAS THAT LOOK TO HAVE FAILED BY LETTING WATER INFILTRATE THE BUILDING (BY LANDLORD)
- REMEDIATE BLACK MOLD FOUND ON BACKSIDE OF EXTERIOR DRYVIT WALLS.
- REPAIR OR REPLACE EXISTING REAR FIRE ESCAPE STAIR.
- NEW WINDOWS AND DOORS, REFRAME OPENING PER PLAN FOR NEW SPACES.
- REPAIR ANY ROOF ISSUES. GUTTER AND TRIM REPAIR AS NEEDED (BY LANDLORD)
- PAINT EXTERIOR OF ENTIRE BUILDING WITH COHU COLORS (BY LANDLORD)
- BUILD NEW EXTERIOR FREESTANDING SIGN PER ZONING REQUIREMENTS IN LINCOLN, R.I.

EXISTING CONDITIONS: EXTERIOR

EXTERIOR WALL: DRYVIT FRONT, METAL REAR
 ROOF STRUCTURE: FLAT AT 3-STORY,
 SLIGHT GABLE PITCH ON 1-STORY BUILDING
 ROOF COVERING: RUBBER
 WINDOWS: FIXED WITH DARK METAL FRAMES



B PROPOSED LEFT ELEVATION
 A3.3 SCALE: 1/8" = 1'-0"



SAMPLE PLAN

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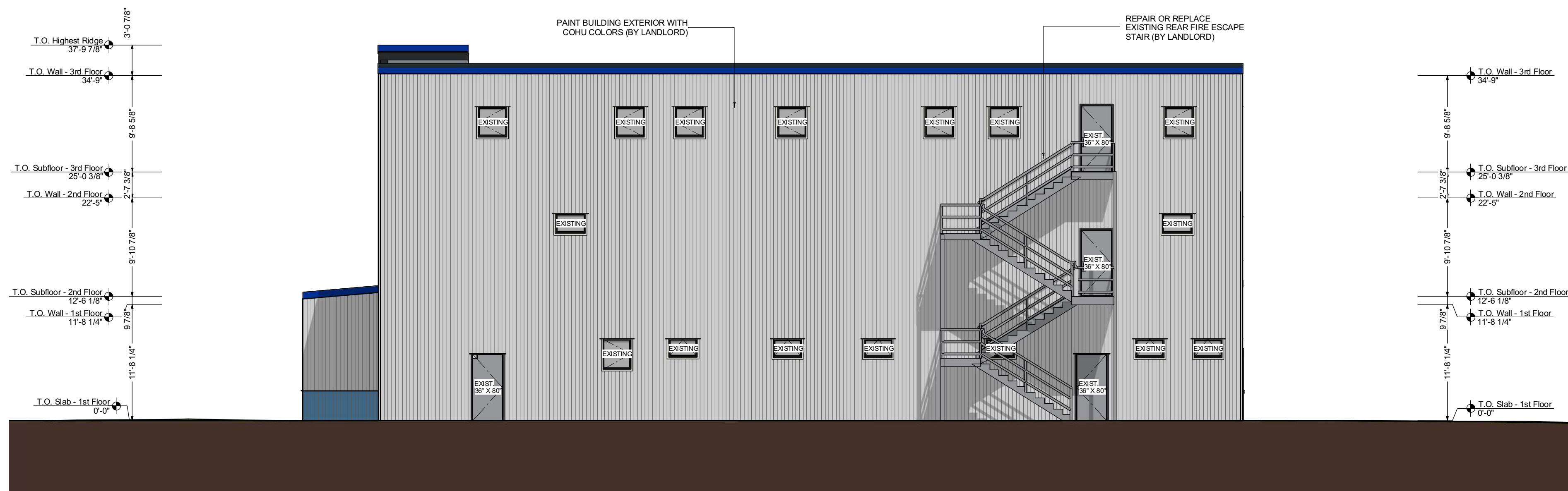
SHEET TITLE:
PROPOSED FRONT AND LEFT ELEVATIONS

PROJECT ADDRESS:
 CLIENT'S NAME
 BUSINESS NAME
 BUSINESS ADDRESS

DRAWINGS PROVIDED BY:
GMT Home Designs, Inc.
 60 Pleasant Street
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 Ashland, MA 01721
 (508) 881-7992
 gmtmohomedesigns.com

REV. DATE:
 9/19/2019

SHEET:
A3.3



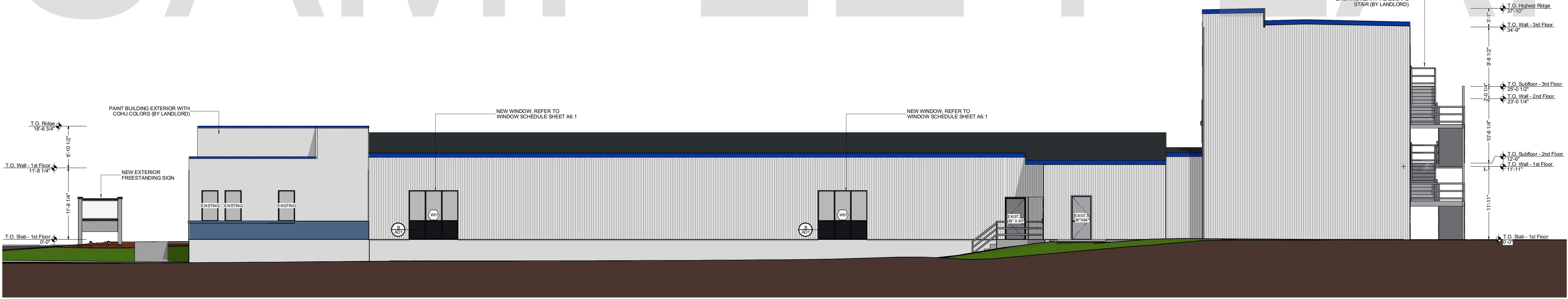
A PROPOSED REAR ELEVATION
 A3.4 SCALE: 1/8" = 1'-0"

ELEVATION NOTES

- REPLACE EXISTING GLASS WINDOWS THAT HAVE SEAL FAILURE (BY LANDLORD)
- REPAIR ALL EXTERIOR DRYVIT EXPANSION JOINTS AND AREAS THAT LOOK TO HAVE FAILED BY LETTING WATER INFILTRATE THE BUILDING (BY LANDLORD)
- REMEDIATE BLACK MOLD FOUND ON BACKSIDE OF EXTERIOR DRYVIT WALLS.
- REPAIR OR REPLACE EXISTING REAR FIRE ESCAPE STAIR.
- NEW WINDOWS AND DOORS, REFRAME OPENING PER PLAN FOR NEW SPACES.
- REPAIR ANY ROOF ISSUES. GUTTER AND TRIM REPAIR AS NEED (BY LANDLORD)
- PAINT EXTERIOR OF ENTIRE BUILDING WITH COHU COLORS (BY LANDLORD)
- BUILD NEW EXTERIOR FREESTANDING SIGN PER ZONING REQUIREMENTS IN LINCOLN, R.I.

EXISTING CONDITIONS: EXTERIOR

EXTERIOR WALL: DRYVIT FRONT, METAL REAR
 ROOF STRUCTURE: FLAT AT 3-STORY, SLIGHT GABLE PITCH ON 1-STORY BUILDING
 ROOF COVERING: RUBBER
 WINDOWS: FIXED WITH DARK METAL FRAMES



B PROPOSED RIGHT ELEVATION
 A3.4 SCALE: 1/8" = 1'-0"

SAMPLE PLAN

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SHEET TITLE:
PROPOSED REAR AND RIGHT ELEVATIONS

PROJECT ADDRESS:
 CLIENT'S NAME
 BUSINESS NAME
 BUSINESS ADDRESS

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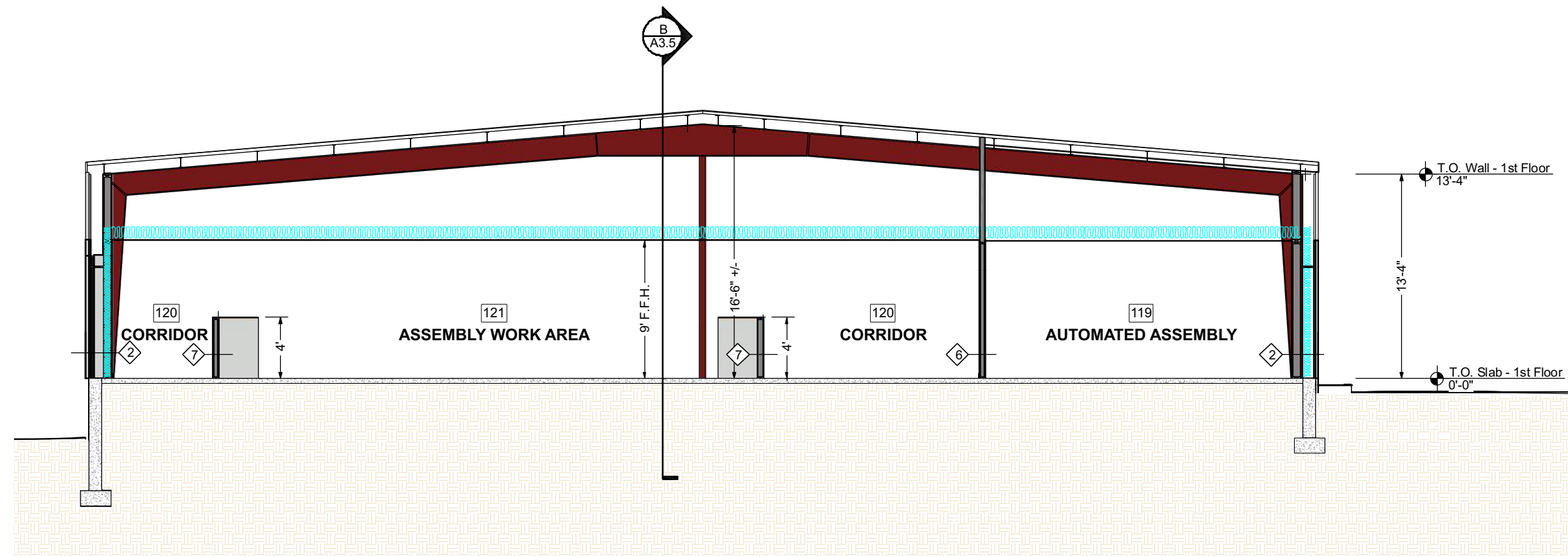
REV. DATE:
 9/19/2019

SHEET:
A3.4



WALL LEGEND:

- 1 EXISTING EXTERIOR DRIVIT WALL
- 2 EXISTING EXTERIOR WALL WITH NEW 6" 20 GA. METAL STUDS AT 16" O.C. TO 10' MAX. HT. WITH 5/8" GYP BOARD, SECURE BOARD TO STUDS WITH DRYWALL SCREWS AT 10" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. 45 DEGREE METAL STUD REINFORCEMENT @ 48" O.C. ABOVE CEILING LINE TO STRUCTURE ABOVE. INSTALL 1" BATT INSULATION & VAPOR BARRIER ON INTERIOR SIDE. ALL JOINTS TO BE SEALED.
- 3 EXISTING METAL STUD INTERIOR WALLS TO REMAIN
- 4 NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. TO 10' MAX. HT. WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES. METAL STUD REINFORCEMENT @ 48" O.C. ABOVE CEILING LINE TO STRUCTURE ABOVE
- 5 NEW 1 HOUR RATED FIRE WALL WITH 3 5/8" 20 GA. METAL STUDS AT 16" O.C. TO ROOF STRUCTURE ABOVE WITH 5/8" TYP-X GYP. BOARD BOTH SIDES FULL HEIGHT TO BOTTOM OF ROOF SHEATHING. DRYWALL SCREWS @ 12" O.C., 45 DEGREES.
- 6 NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. TO ROOF STRUCTURE ABOVE WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES. SOUND ATTENUATING INSULATION IN WALL.
- 7 NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. PARTIAL HEIGHT WALL. SEE PLAN FOR FINISHED HEIGHT. WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES.



A BUILDING SECTION A
A3.5
SCALE: 1/8" = 1'-0"

SECTION NOTES

- GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- BUILD EXTERIOR WALLS WITH 6" METAL STUDS STANDING 1" INSIDE OF EXISTING EXTERIOR WALL, REFER TO PLAN A1.1 FOR LOCATIONS
- INSULATE EXTERIOR WALLS WITH R-19.23 MINIMUM
- NEW 2X2 GRIDS IN FIRST FLOOR SPACE WITH ACOUSTIC CEILING TILES. REFER TO REFLECTED CEILING PLAN ON SHEET A4.1 AND A4.2
- INSULATE ABOVE DROPPED CEILING WITH R- 28.57 MINIMUM

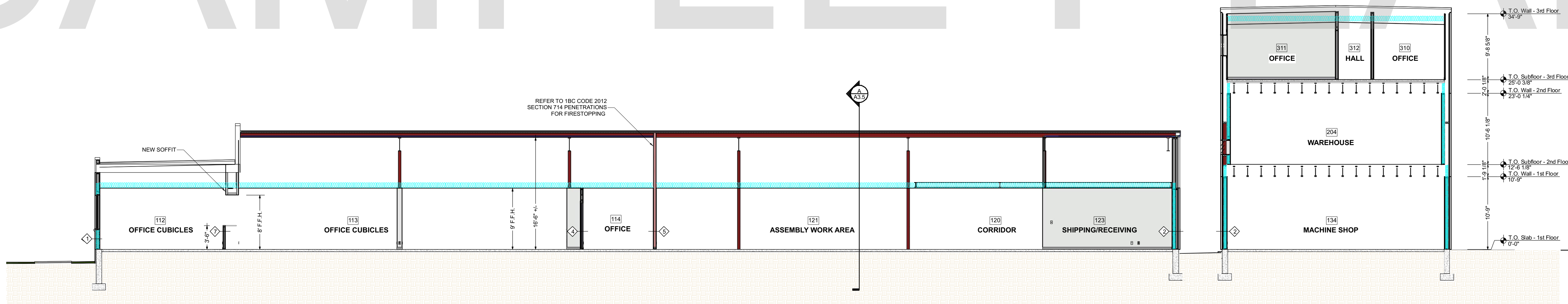
IBC CODE 2012 - PENETRATIONS

- FOR FIRE RATED WALL TYPE #5 ON SCHEDULE REFER TO IBC CODE 2012 SECTION 714 - PENETRATIONS, NOTED ON SHEET A0.1

EXISTING CONDITIONS: EXTERIOR

- EXTERIOR WALL: DRYPVIT FRONT, METAL REAR
- ROOF STRUCTURE: FLAT AT 3-STORY, SLIGHT GABLE PITCH ON 1-STORY BUILDING
- ROOF COVERING: RUBBER
- WINDOWS: FIXED WITH DARK METAL FRAMES

SAMPLE PLAN



B BUILDING SECTION B
A3.5
SCALE: 1/8" = 1'-0"



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SHEET TITLE:
BUILDING SECTIONS A AND B

PROJECT ADDRESS:
CLIENT'S NAME
BUSINESS NAME
BUSINESS ADDRESS

DRAWINGS PROVIDED BY:
GMT
HOME DESIGNS
Architects & Designers

REV. DATE:
9/19/2019

SHEET:
A3.5

WALL LEGEND:

-  EXISTING EXTERIOR DRIVET WALL
-  EXISTING EXTERIOR WALL WITH NEW 6" 20 GA. METAL STUDS AT 16" O.C. TO 10' MAX. HT. WITH 5/8" GYP BOARD. SECURE BOARD TO STUDS WITH DRYWALL SCREWS AT 10" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. 45 DEGREE METAL STUD REINFORCEMENT @ 48" O.C. ABOVE CEILING LINE TO STRUCTURE ABOVE. INSTALL 6" BATT INSULATION & VAPOR BARRIER ON INTERIOR SIDE. ALL JOINTS TO BE SEALED.
-  EXISTING METAL STUD INTERIOR WALLS TO REMAIN
-  NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. TO 10' MAX. HT. WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES. METAL STUD REINFORCEMENT @ 48" O.C. ABOVE CEILING LINE TO STRUCTURE ABOVE
-  NEW 1 HOUR RATED FIRE WALL WITH 3 5/8" 20 GA. METAL STUDS AT 16" O.C. TO ROOF STRUCTURE ABOVE WITH 5/8" TYP-X GYP. BOARD BOTH SIDES FULL HEIGHT TO BOTTOM OF ROOF SHEATHING. DRYWALL SCREWS @ 12" O.C., 45 DEGREES.
-  NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. TO ROOF STRUCTURE ABOVE WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES. SOUND ATTENUATING INSULATION IN WALL.
-  NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. PARITAL HEIGHT WALL. SEE PLAN FOR FINISHED HEIGHT. WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES.

LIGHTING FIXTURE SCHEDULE												
NUMBER	QTY	FLOOR	WIDTH	DEPTH	HEIGHT	ATTACHED TO	DESCRIPTION	CODE	MANUFACTURER	COMMENTS	NUMBER	
E01	1	1	33"	23 5/16"	49 13/16"	CEILING	CHANDELIER/PENDANT HUNG FROM CEILING		TO BE SELECTED	CENTERED IN ENTRY CATHEDRAL CEILING	E01	
E02	92	1	24"	24"	1/4"	CEILING	24X24 LED SINGLE BARREL TROFFER LIGHT, APPROX. 4000 KELVIN		REVOLUTION LIGHTING OR EQUAL	FRONT OFFICE AREAS	E02	
E03	2	1	8"	8"	4 1/8"	CEILING	DIRECTIONAL RECESSED LIGHT		TBD	HALL RM #105 ADJUSTED TO HIGHLIGHT COHU LOGO	E03	
E04	4	1	14"	7 1/2"	7 1/2"	WALL	SCONCE, WALL MOUNTED		TO BE SELECTED	RESTROOMS	E04	
E05	6	1	5 3/8"	5 3/8"	1/4"	CEILING	LED RECESSED DOWN LIGHT		TBD	CONFERENCE ROOM	E05	
E06	73	1	24"	24"	1/4"	CEILING	24X24 LED PANEL LIGHT APPROX. 4000 KELVIN		REVOLUTION LIGHTING OR EQUAL	REAR INDUSTRIAL/STORAGE AREAS	E06	
E07	11	1	48"	24"	1/4"	CEILING	24X48 LED PANEL LIGHT APPROX. 4000 KELVIN		REVOLUTION LIGHTING OR EQUAL	REAR BUILDING	E07	
E08	12	1	96 1/4"	10 1/16"	16"	CEILING	SHOP LIGHT 96" SUSPENDED FROM CEILING STRUCTURE		TBD	MACHINE SHOP	E08	
E09	15	1	11 5/16"	2"	7 5/8"	WALL	EXIT				E09	
E10	8	1	16 5/8"	5 9/16"	14 5/8"	WALL	EMERGENCY LIGHT & EXIT				E10	
E11	6	1	16 5/8"	5 9/16"	14 5/8"	WALL	EMERGENCY LIGHT & EXIT LEFT				E11	
E12	2	1	16 5/8"	5 9/16"	14 5/8"	WALL	EMERGENCY LIGHT & EXIT RIGHT				E12	
E13	1	1	16 5/8"	5 9/16"	7"	WALL	EMERGENCY LIGHT				E13	

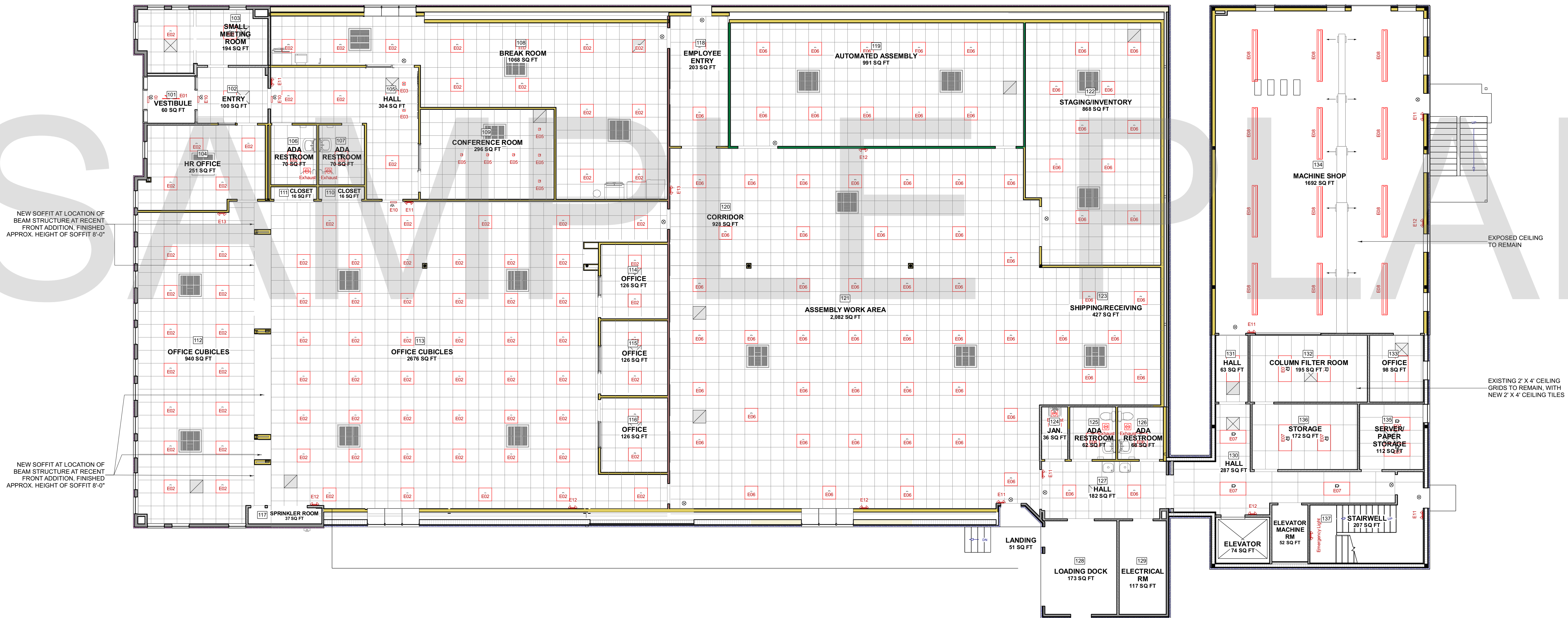
LIGHTING PLAN NOTES:

- NEW 2' X 2' LED SINGLE BARREL TROFFER LIGHT, APPROX. 4000 KELVIN IN OFFICE AREA, REVOLUTION LIGHTING OR EQUAL.
- NEW 2' X 2' LED PANEL LIGHT, APPROX. 4000 KELVIN IN INDUSTRIAL/STORAGE AREAS, REVOLUTION LIGHTING OR EQUAL.
- SPECIALTY LIGHT (PENDANT/CHANDELIER) HUNG FROM CATHEDRAL CEILING IN FRONT ENTRY.
- PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES OR SUPPORTS.
- CENTER EMERGENCY/EXIT LIGHTS ABOVE DOORS, UNLESS OTHERWISE NOTED.
- NEW LED RECESSED LIGHTS IN CONFERENCE ROOM, CENTERED IN CEILING TILE.
- NEW LED RECESSED DIRECTIONAL LIGHTING ADJUSTED TO FOCUS ON COHU LOGO.
- REFER TO INTERIOR ELEVATIONS ON SHEET A5.1 FOR LOCATION OF SCONCES IN RESTROOMS.

REFLECTED CEILING PLAN NOTES:

- IF REQUIRED BY LOCAL CODES, LANDLORD TO PROVIDE SEMI-RECESSED SPRINKLER HEADS WITH POLISHED CHROME ESCUTCHEONS CENTERED IN ACOUSTICAL CEILING TILE. LANDLORD TO SUBMIT SPRINKLER LAYOUT FOR COORDINATION APPROVAL PRIOR TO INSTALLATION.
- LANDLORD TO PROVIDE AND LOCATE SPRINKLERS PER LOCAL CODES. CONTACT GENERAL CONTRACTOR IF DESIGN INTENT IS AFFECTED.
- WHERE ACOUSTICAL CEILING MEETS WALL, PROVIDE ANGLE WALL MOLDING FOR REVEAL.
- PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES OR SUPPORTS.
- HEATING, VENTILATION AND AIR CONDITIONING (HVAC) LOCATIONS TO BE COORDINATED WITH ARCHITECT
- NEW 2' X 2' GRID SYSTEM WITH ACOUSTIC CEILING TILES TO BE ARMSTRONG #1732 FINE FISSURED WITH TEGULAR EDGE OR EQUAL. SUSPEND BOTTOM OF TRACK AT 9'-0" AFF UNLESS NOTED OTHERWISE
- ALL CEILINGS TO BE SUPPORTED PER MFR'S INSTRUCTIONS

*NEW 24" X 24" CEILING GRID AND TILE THROUGHOUT IN FRONT MAIN BUILDING



FIRST FLOOR BUILDING AREA
 TOTAL 16,244 SQ FT
 FRONT AREA 13,293
 REAR AREA 2,951
TOTAL BUILDING AREA

A REFLECTED CEILING FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"

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 1000 State Street
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SHEET TITLE:
 REFLECTED CEILING
 FIRST FLOOR PLAN

PROJECT ADDRESS:
 CLIENT'S NAME
 BUSINESS NAME
 BUSINESS ADDRESS


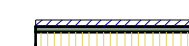



DRAWINGS PROVIDED BY:
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GMT HOME DESIGNS
 Architects & Designers

REV. DATE:
 9/19/2019

SHEET:
 A4.1

WALL LEGEND:

-  EXISTING EXTERIOR WALL
-  EXISTING EXTERIOR WALL WITH NEW 6" 20 GA. METAL STUDS AT 16" O.C. TO 10' MAX. HT. WITH 5/8" GYP BOARD, SECURE BOARD TO STUDS WITH DRYWALL SCREWS AT 10" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. 45 DEGREE METAL STUD REINFORCEMENT @ 48" O.C. ABOVE CEILING LINE TO STRUCTURE ABOVE. INSTALL 6" BATT INSULATION & VAPOR BARRIER ON INTERIOR SIDE. ALL JOINTS TO BE SEALED.
-  EXISTING METAL STUD INTERIOR WALLS TO REMAIN
-  NEW 3 5/8" 20 GA. METAL STUDS WALLS AT 16" O.C. TO 10' MAX. HT. WITH 5/8" GYP. BOARD BOTH SIDES. DRYWALL SCREWS @12" O.C., 45 DEGREES. METAL STUD REINFORCEMENT @ 48" O.C. ABOVE CEILING LINE TO STRUCTURE ABOVE
-  NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. PARITAL HEIGHT WALL. SEE PLAN FOR FINISHED HEIGHT, WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @12" O.C., 45 DEGREES.

LIGHTING FIXTURE SCHEDULE											
NUMBER	QTY	FLOOR	WIDTH	DEPTH	HEIGHT	ATTACHED TO	DESCRIPTION	CODE	MANUFACTURER	COMMENTS	NUMBER
E14	18	2	96 1/4"	10 1/16"	16"	CEILING	SHOP LIGHT 96" SUSPENDED FROM CEILING STRUCTURE		TBD	WAREHOUSE AREA	E14
E15	2	2	11 5/16"	2"	7 5/8"	WALL	EXIT				E15
E16	1	2	16 5/8"	5 9/16"	14 5/8"	WALL	EMERGENCY LIGHT & EXIT LEFT				E16
E17	1	2	16 5/8"	5 9/16"	14 5/8"	WALL	EMERGENCY LIGHT & EXIT RIGHT				E17
E18	3	2	16 5/8"	5 9/16"	7"	WALL	EMERGENCY LIGHT				E18
E19	41	3	48"	24"	1/4"	CEILING	24X48 LED SINGLE BARREL TROFFER LIGHT, APPROX. 4000 KELVIN		REVOLUTION LIGHTING OR EQUAL	OFFICE AREAS CORRIDORS/RESTROOMS	E19
E20	2	3	14"	6 1/2"	6"	WALL	SCONCE		TO BE SELECTED	RESTROOM	E20
E21	2	3	11 5/16"	2"	7 5/8"	WALL	EXIT				E21
E22	1	3	16 5/8"	5 9/16"	14 5/8"	WALL	EMERGENCY LIGHT & EXIT LEFT				E22
E23	1	3	16 5/8"	5 9/16"	14 5/8"	WALL	EMERGENCY LIGHT & EXIT RIGHT				E23
E24	3	3	16 5/8"	5 9/16"	7"	WALL	EMERGENCY LIGHT				E24

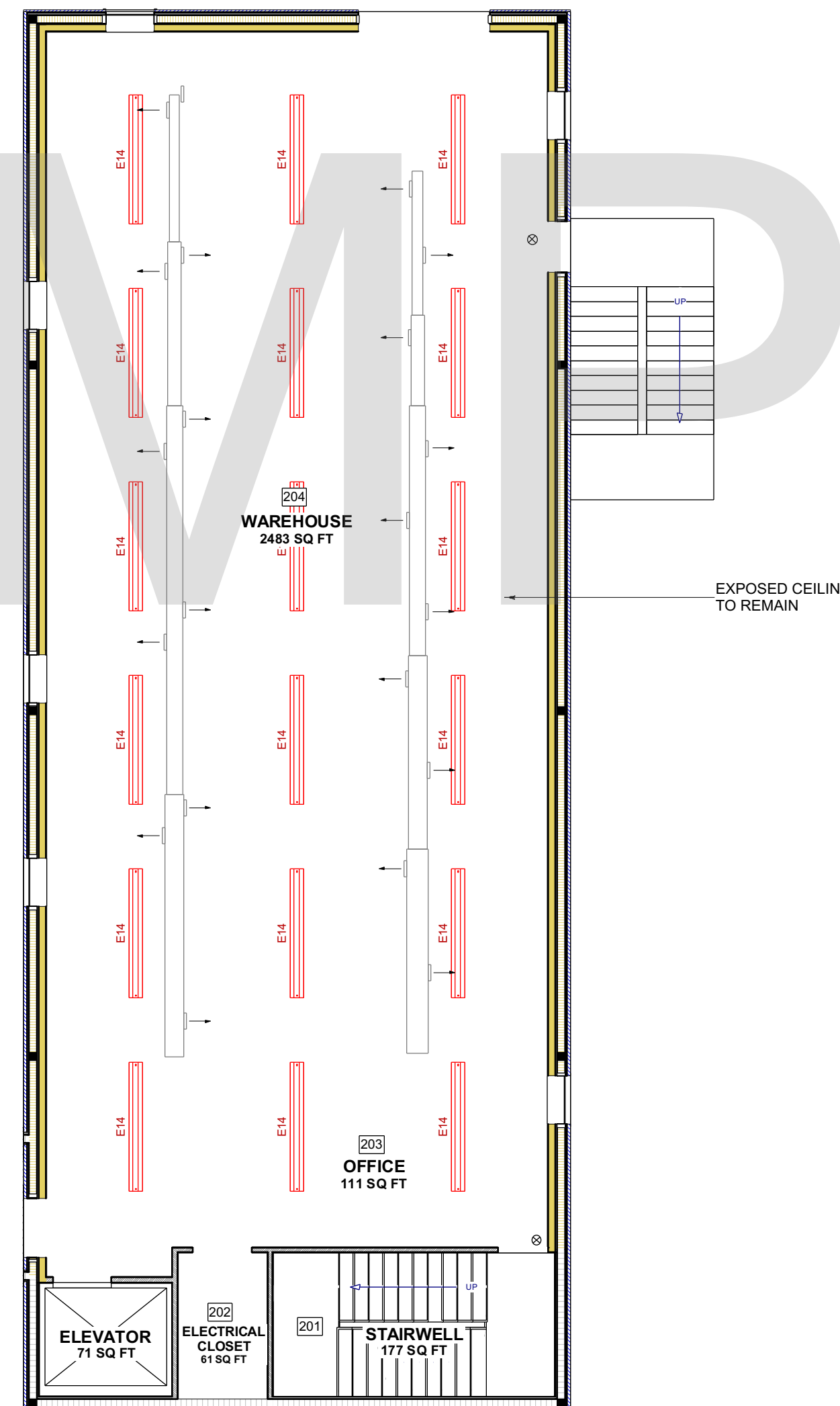
LIGHTING PLAN NOTES:

- NEW 2' X 4' LED SINGLE BARREL TROFFER LIGHT, APPROX. 4000 KELVIN IN OFFICE AREA, REVOLUTION LIGHTING OR EQUAL.
- PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES OR SUPPORTS.
- CENTER EMERGENCY/EXIT LIGHTS ABOVE DOORS, UNLESS OTHERWISE NOTED.

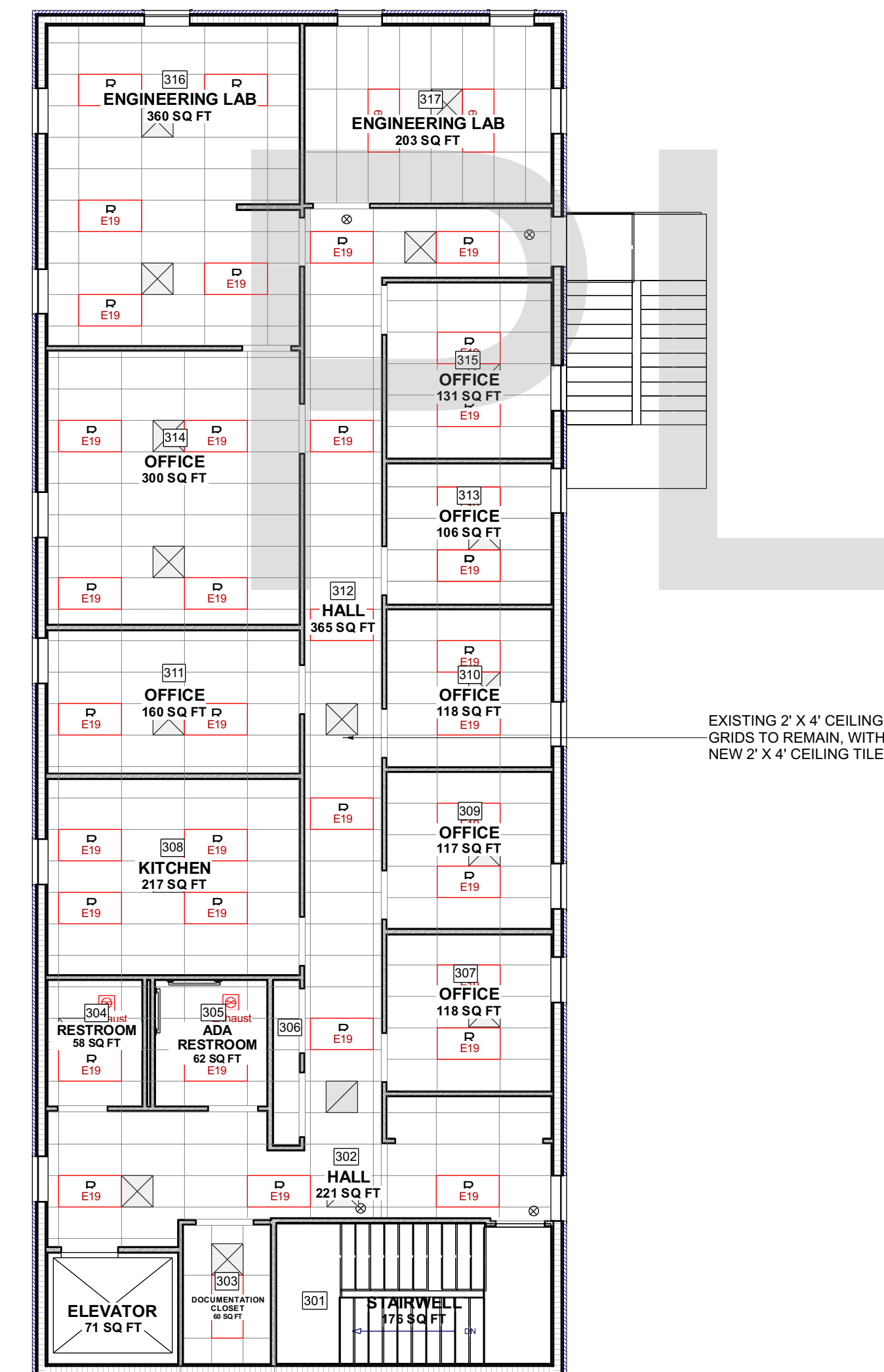
REFLECTED CEILING PLAN NOTES:

- IF REQUIRED BY LOCAL CODES, LANDLORD TO PROVIDE SEMI-RECESSED SPRINKLER HEADS WITH POLISHED CHROME ESCUTCHEONS CENTERED IN ACOUSTICAL CEILING TILE. LANDLORD TO SUBMIT SPRINKLER LAYOUT FOR COORDINATION APPROVAL PRIOR TO INSTALLATION.
- LANDLORD TO PROVIDE AND LOCATE SPRINKLERS PER LOCAL CODES. CONTACT GENERAL CONTRACTOR IF DESIGN INTENT IS AFFECTED.
- WHERE ACOUSTICAL CEILING MEETS WALL, PROVIDE ANGLE WALL MOLDING FOR REVEAL.
- PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES OR SUPPORTS.
- HEATING, VENTILATION AND AIR CONDITIONING (HVAC) LOCATIONS TO BE COORDINATED WITH ARCHITECT
- REUSE 2' X 4' GRID SYSTEM (IF DEEMED ADEQUATE) WITH NEW 24" X 48" ACOUSTIC CEILING TILES TO BE ARMSTRONG #1732 FINE FISSURED WITH REGULAR EDGE OR EQUAL. SUSPEND BOTTOM OF TRACK AT SAME LOCATION AS EXISTING TRACK.
- ALL CEILINGS TO BE SUPPORTED PER MFR'S INSTRUCTIONS

SAMPLE PLAN



A REFLECTED CEILING SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"



B REFLECTED CEILING THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"

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SHEET TITLE:
REFLECTED CEILING SECOND AND THIRD FLOOR PLANS

PROJECT ADDRESS:
CLIENT'S NAME
BUSINESS NAME
BUSINESS ADDRESS

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GMT HOME DESIGNS
Architects & Designers

REV. DATE:
9/19/2019

SHEET:
A4.2

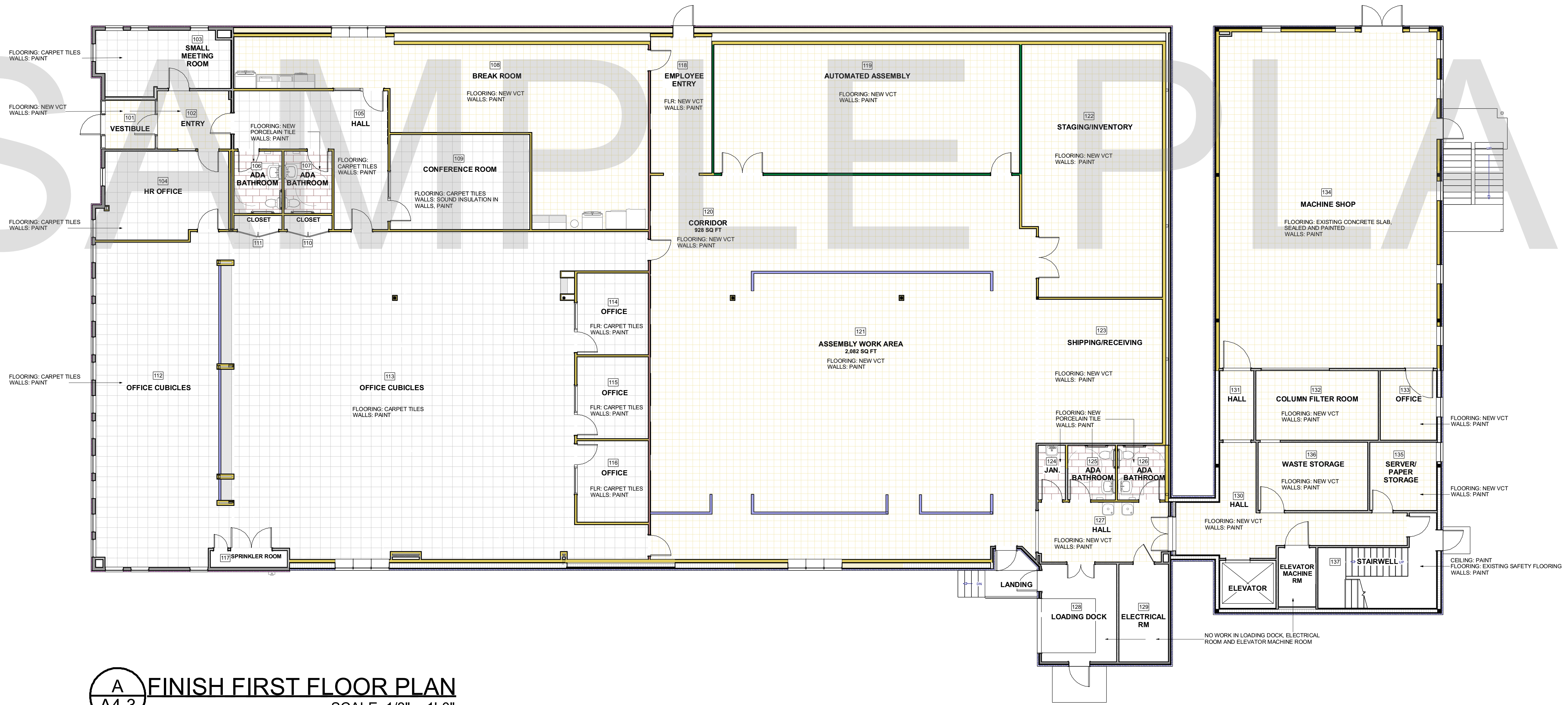
ROOM NUMBER	ROOM NAME	AREA, INTERIOR (SQ. FT.)	CEILING FINISH HEIGHT	WALL MATERIAL	FLOOR FINISH
101	VESTIBULE	52	120"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
102	ENTRY	92	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
103	SMALL MEETING ROOM	172	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
104	HR OFFICE	233	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
105	HALL	287	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
106	ADA BATHROOM	64	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	PORCELAIN TILE, DAL TILE, FABRIC ART, MODRN TEXT MEDIUM GRAY MT53
107	ADA BATHROOM	64	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	PORCELAIN TILE, DAL TILE, FABRIC ART, MODRN TEXT MEDIUM GRAY MT53
108	BREAK ROOM	911	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
109	CONFERENCE ROOM	286	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
110	CLOSET	14	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
111	CLOSET	14	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
112	OFFICE CUBICLES	890	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
113	OFFICE CUBICLES	2527	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
114	OFFICE	125	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
115	OFFICE	125	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
116	OFFICE	125	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
117	SPRINKLER ROOM	28	108"	NO WORK	
118	EMPLOYEE ENTRY	181	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
119	AUTOMATED ASSEMBLY	854	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
120	CORRIDOR	1379	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
121	ASSEMBLY WORK AREA	1779	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
122	STAGING/INVENTORY	745	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
123	SHIPPING/RECEIVING	391	108"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
124	JAN.	32	102"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	PORCELAIN TILE, DAL TILE, FABRIC ART, MODRN TEXT MEDIUM GRAY MT53
125	ADA BATHROOM	56	102"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	PORCELAIN TILE, DAL TILE, FABRIC ART, MODRN TEXT MEDIUM GRAY MT53
126	ADA BATHROOM	56	102"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	PORCELAIN TILE, DAL TILE, FABRIC ART, MODRN TEXT MEDIUM GRAY MT53
127	HALL	166	102"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
128	LOADING DOCK	158	199 1/2"	NO WORK	
129	ELECTRICAL RM	104	199 3/8"	NO WORK	
130	HALL	251	102"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	EXISTING FLOORING TO REMAIN
131	HALL	50	102"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
132	COLUMN FILTER ROOM	184	102"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
133	OFFICE	84	102"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
134	MACHINE SHOP	1592	129"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	PAINT, SHERWIN WILLIAMS, MARCH WIND SW 7668
135	SERVER/PAPER STORAGE	97	102"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
136	WASTE STORAGE	161	102"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
137	STAIRWELL	175	96", 128 7/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	EXISTING RUBBER SAFETY FLOOR, SECURED DOWN

FLOOR FINISH PLAN NOTES:

- 18" X 18" CARPET TILES, MOHAWK ALADDIN, RULE BREAKER STRIPE TILE/RULE BREAKER TILE, #979 CHARCOAL, 50/50 MIX INSTALLED RANDOMLY WITH QUARTER TURNS
- 12" X 12" SQUARE VCT, ARMSTRONG, STANDARD EXCELON #51904 STERLING
- 12" X 24" PORCELAIN TILE, DAL TILE, FABRIC ART, MODRN TEXT MEDIUM GRAY MT53
- 4" VINYL STRAIGHT BASE AT CARPET FLOORING LOCATIONS, JOHNSONITE #38 PEWTER CG
- 4" VINYL COVE BASE AT VCT FLOORING LOCATIONS, JOHNSONITE #38 PEWTER CG

WALL FINISH PLAN NOTES:

- WALLS: PAINT, SHERWIN WILLIAMS, SW 7005 PURE WHITE
- DOOR FRAMES (INTERIOR): PAINT, SHERWIN WILLIAMS, SW7651 FRONT PORCH
- METAL DOORS (INTERIOR): PAINT, SHERWIN WILLIAMS, SW 7005 PURE WHITE



A
A4.3 FINISH FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

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ENGINEER
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 Scott Nelson, PE
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SHEET TITLE:
**FINISH FIRST FLOOR PLAN
 AND FINISH SCHEDULE**

PROJECT ADDRESS:
 CLIENT'S NAME
 BUSINESS NAME
 BUSINESS ADDRESS

DRAWINGS PROVIDED BY:
GMT Home Designs, Inc.
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 (508) 881-7992
 gmt@home designs.com

REV. DATE:
 9/19/2019

SHEET:
A4.3

ROOM FINISH SCHEDULE - SECOND FLOOR					
ROOM NUMBER	ROOM NAME	AREA, INTERIOR (SQ.FT)	CEILING FINISH HEIGHT	WALL MATERIAL	FLOOR FINISH
201	STAIRWELL	154	300 7/16"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	EXISTING RUBBER SAFETY FLOOR, SECURED DOWN
202	OFFICE	102	125 3/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING, NEW ADVANTECH UNDERLAYMENT
203	WAREHOUSE	2243	125 3/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING, NEW ADVANTECH UNDERLAYMENT

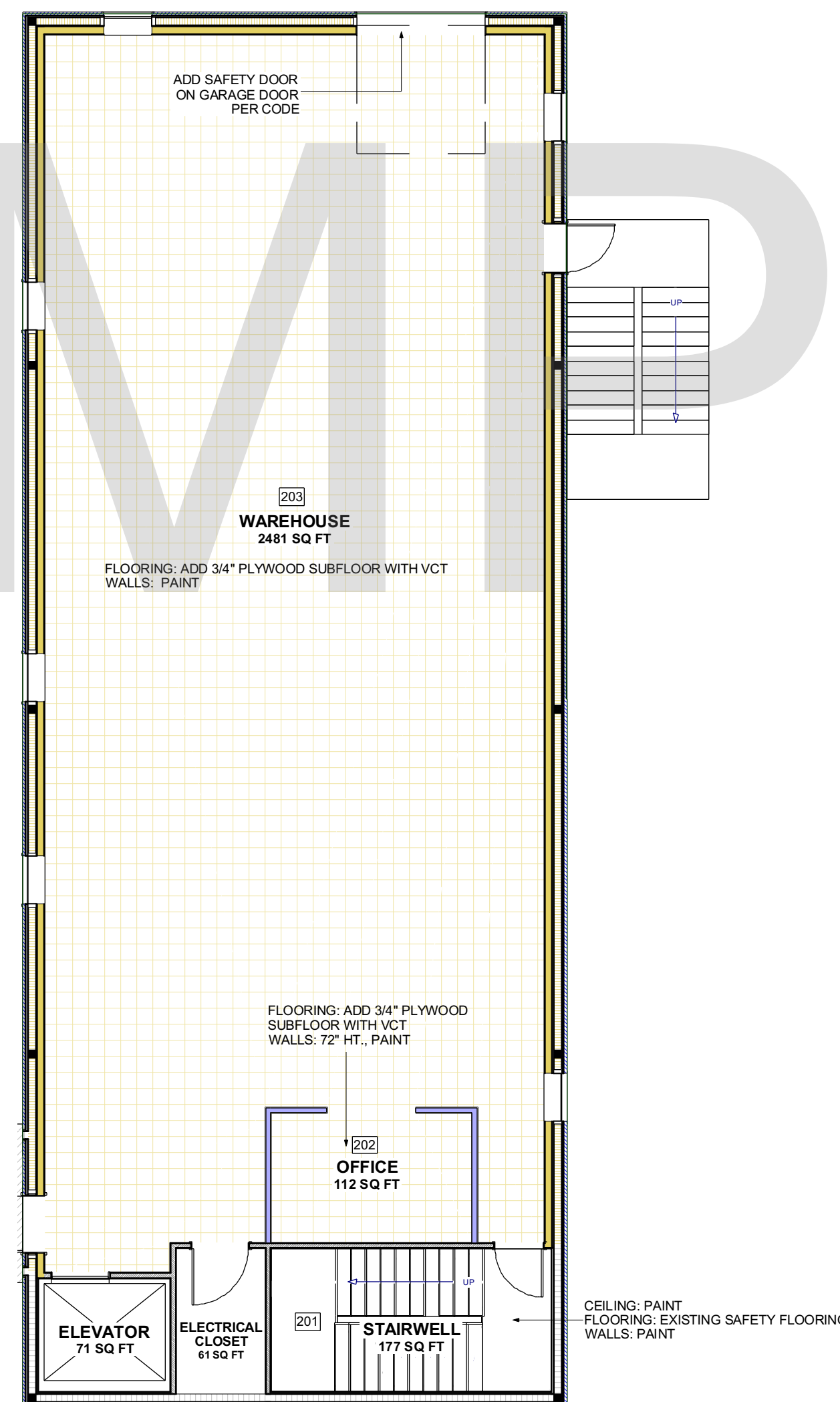
ROOM FINISH SCHEDULE - THIRD FLOOR					
ROOM NUMBER	ROOM NAME	AREA, INTERIOR (SQ.FT)	CEILING FINISH HEIGHT	WALL MATERIAL	FLOOR FINISH
301	STAIRWELL	153	301 7/16"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	EXISTING RUBBER SAFETY FLOOR, SECURED DOWN
302	DOCUMENTATION CLOSET	48	97 1/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
303	HALL	193	97 1/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
304	RESTROOM	47	97 1/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
305	ADA RESTROOM	56	97 1/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	VCT, AMSTRONG STANDARD EXCELON #51904 STERLING
306	CLOSET	27	97 1/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
307	OFFICE	103	97 1/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
308	KITCHEN	198	97 1/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
309	OFFICE	103	97 1/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
310	OFFICE	103	97 1/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
311	OFFICE	144	97 1/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
312	HALL	333	97 1/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
313	OFFICE	92	97 1/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
314	OFFICE	276	97 1/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
315	OFFICE	115	97 1/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
316	ENGINEERING LAB	321	97 1/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL
317	ENGINEERING LAB	175	97 1/8"	PAINT, SHERWIN WILLIAMS, PURE WHITE (SW 7005)	CARPET TILE, MOHAWK ALADDIN RULE BREAKER STRIPE TILE #979 CHARCOAL

FLOOR FINISH PLAN NOTES:

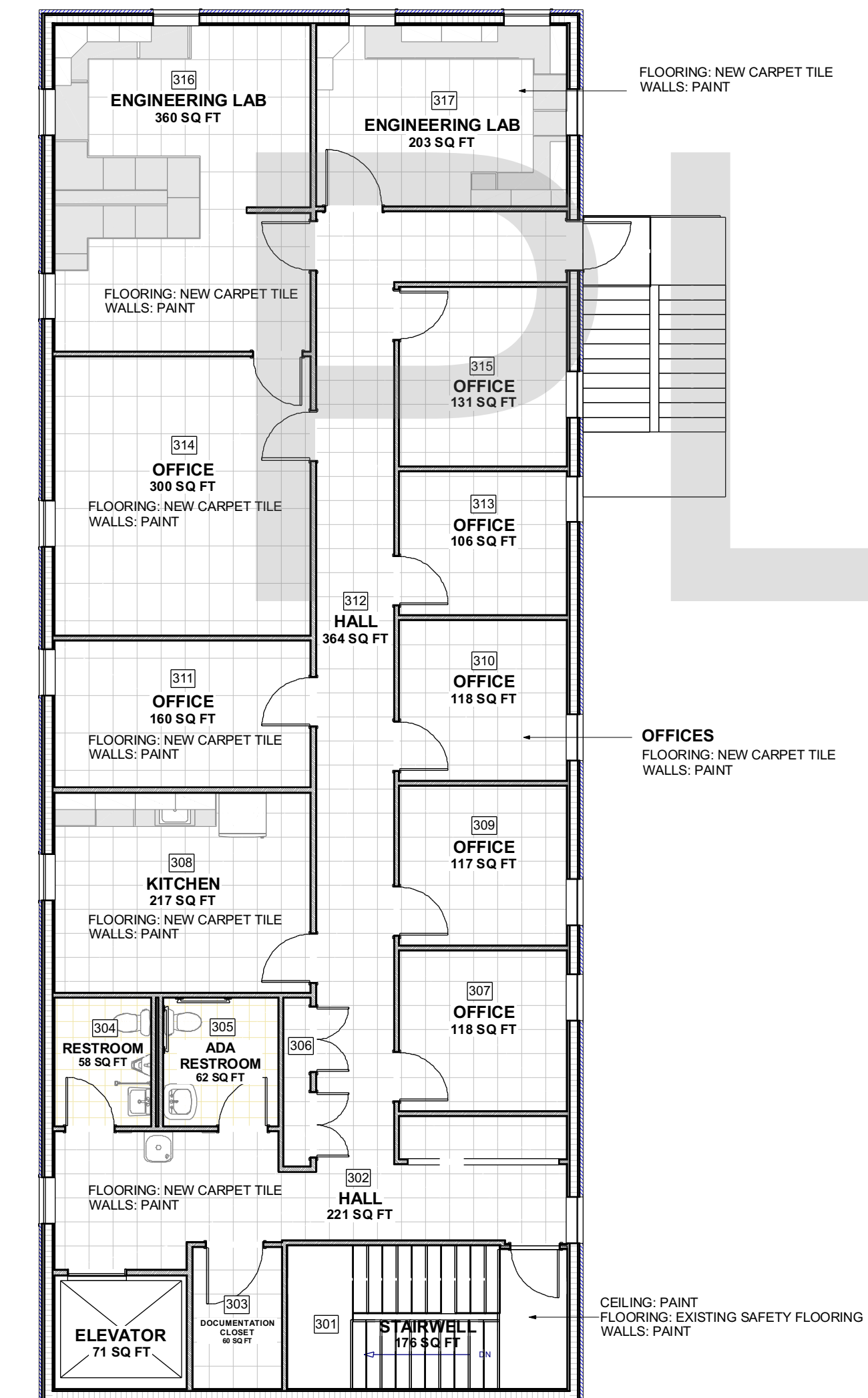
- 18" X 18" CARPET TILES, MOHAWK ALADDIN, RULE BREAKER STRIPE TILE/ RULE BREAKER TILE, #979 CHARCOAL, 50/50 MIX INSTALLED RANDOMLY WITH QUARTER TURNS
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WALL FINISH PLAN NOTES:

- WALLS: PAINT, SHERWIN WILLIAMS, SW 7005 PURE WHITE
- DOOR FRAMES (INTERIOR): PAINT, SHERWIN WILLIAMS, SW7651 FRONT PORCH
- METAL DOORS (INTERIOR): PAINT, SHERWIN WILLIAMS, SW 7005 PURE WHITE



A FINISH SECOND FLOOR PLAN
A4.4 SCALE: 1/8" = 1'-0"



B FINISH THIRD FLOOR PLAN
A4.4 SCALE: 1/8" = 1'-0"

SAMPLE PLAN

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Scott Nelson, PE
Professional Engineer
9781-866-4249

SHEET TITLE:
**FINISH SECOND & THIRD FLOOR
PLANS AND FINISH SCHEDULE**

PROJECT ADDRESS:
CLIENT'S NAME
BUSINESS NAME
BUSINESS ADDRESS

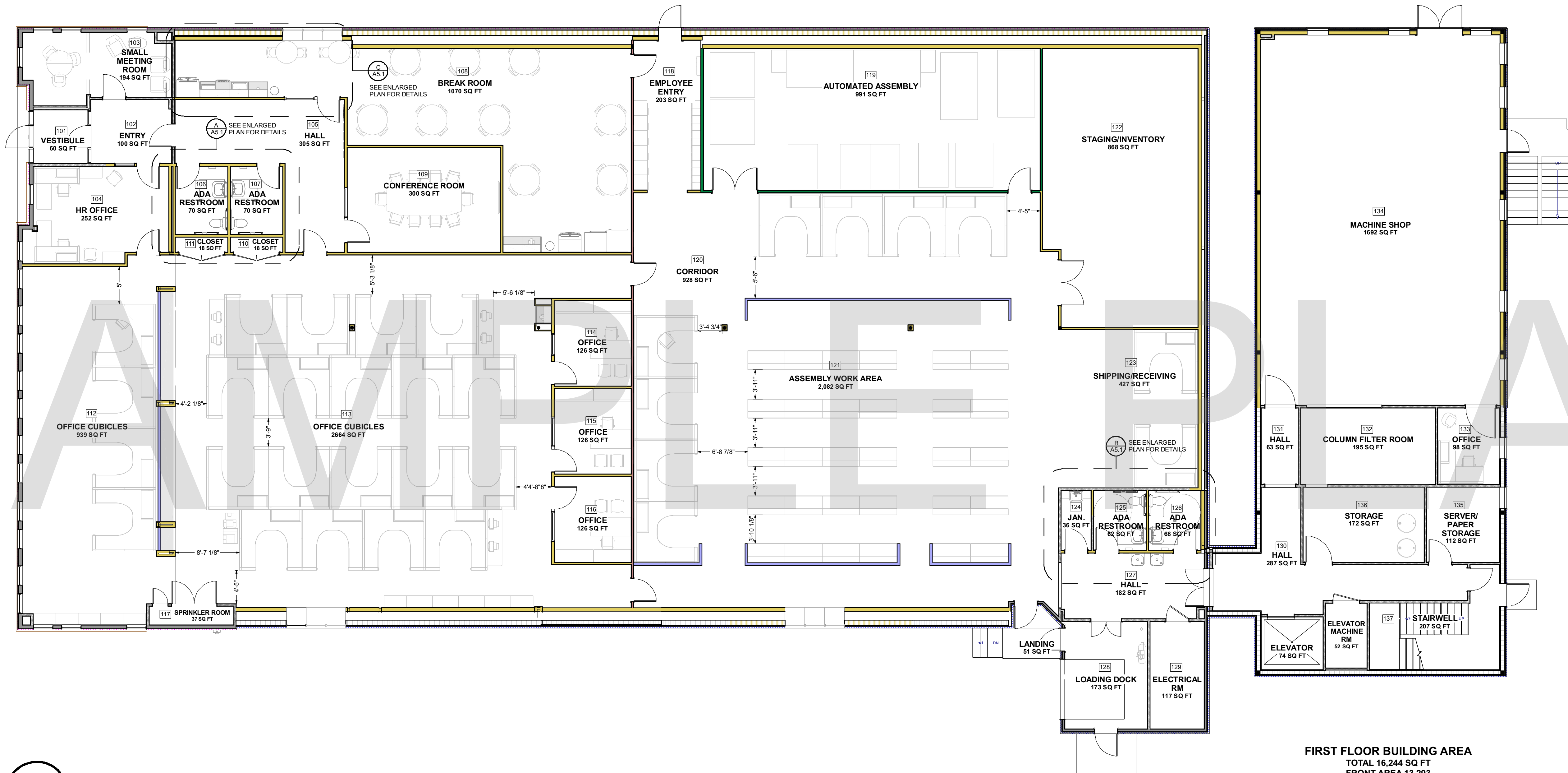
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gmthomedesigns.com

GMT
HOME DESIGNS
Architects & Designers

REV. DATE:
9/19/2019

SHEET:
A4.4

DIMENSIONS:
 - ALL INTERIOR FURNITURE DIMENSIONS ARE FROM
 PLASTERED SURFACE TO FURNITURE OR FORM
 FURNITURE TO FURNITURE.



A
A4.5 FURNITURE, FIXTURES, AND EQUIPMENT FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"

FIRST FLOOR BUILDING AREA
 TOTAL: 16,244 SQ. FT.
 FRONT AREA: 13,293
 REAR AREA: 2,951
TOTAL BUILDING AREA
 22,146 SQ. FT.

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SHEET TITLE:
**FURNITURE, FIXTURES, AND
 EQUIPMENT FIRST FLOOR PLAN**

PROJECT ADDRESS:
 CLIENT'S NAME
 BUSINESS NAME
 BUSINESS ADDRESS

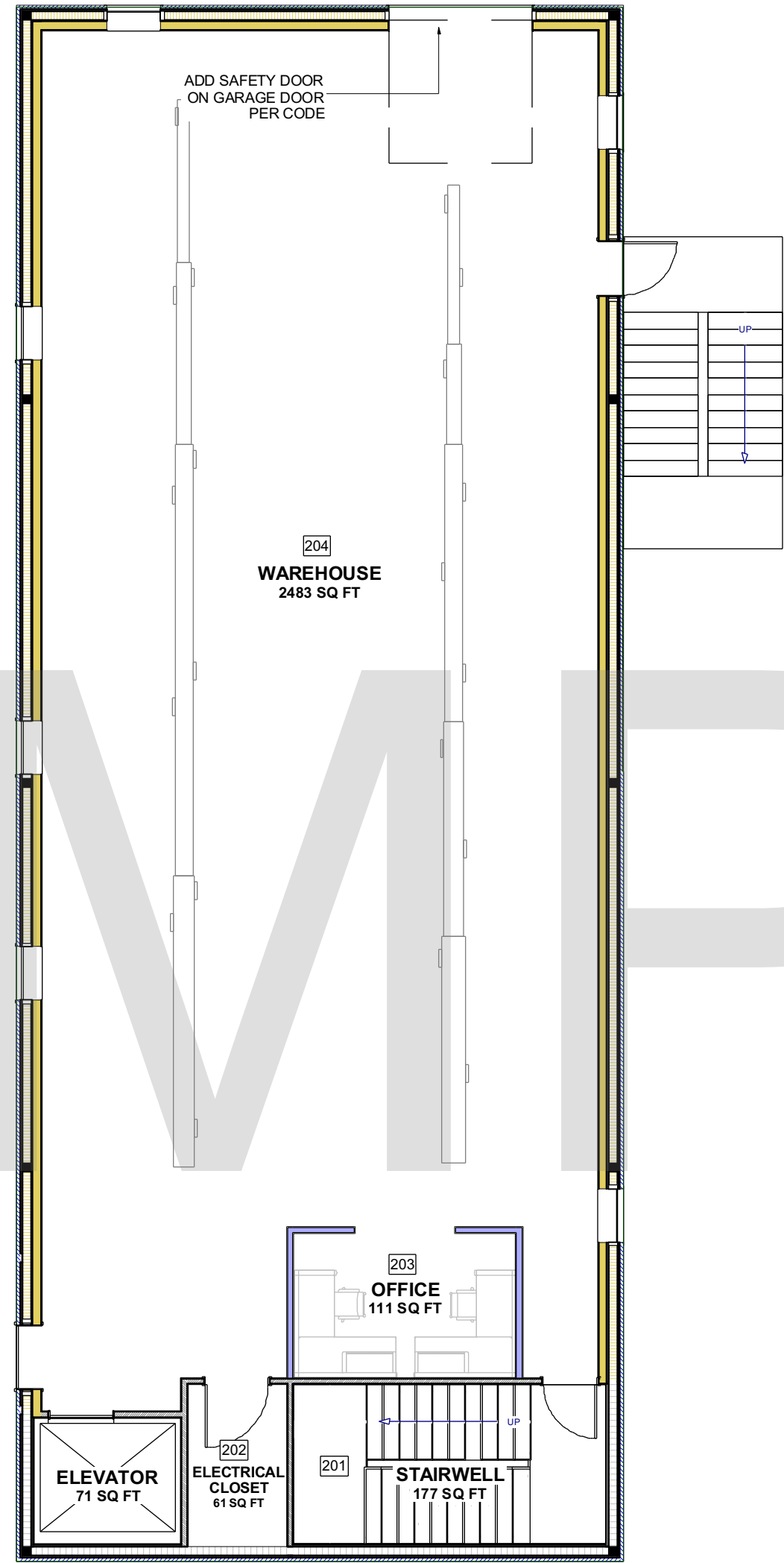
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 60 Pleasant Street
 Suite 10C
 Ashland, MA 01721
 (508) 881-7992
 gmt@gmtdesigns.com

GMT
 HOME DESIGNS
 Architects & Designers

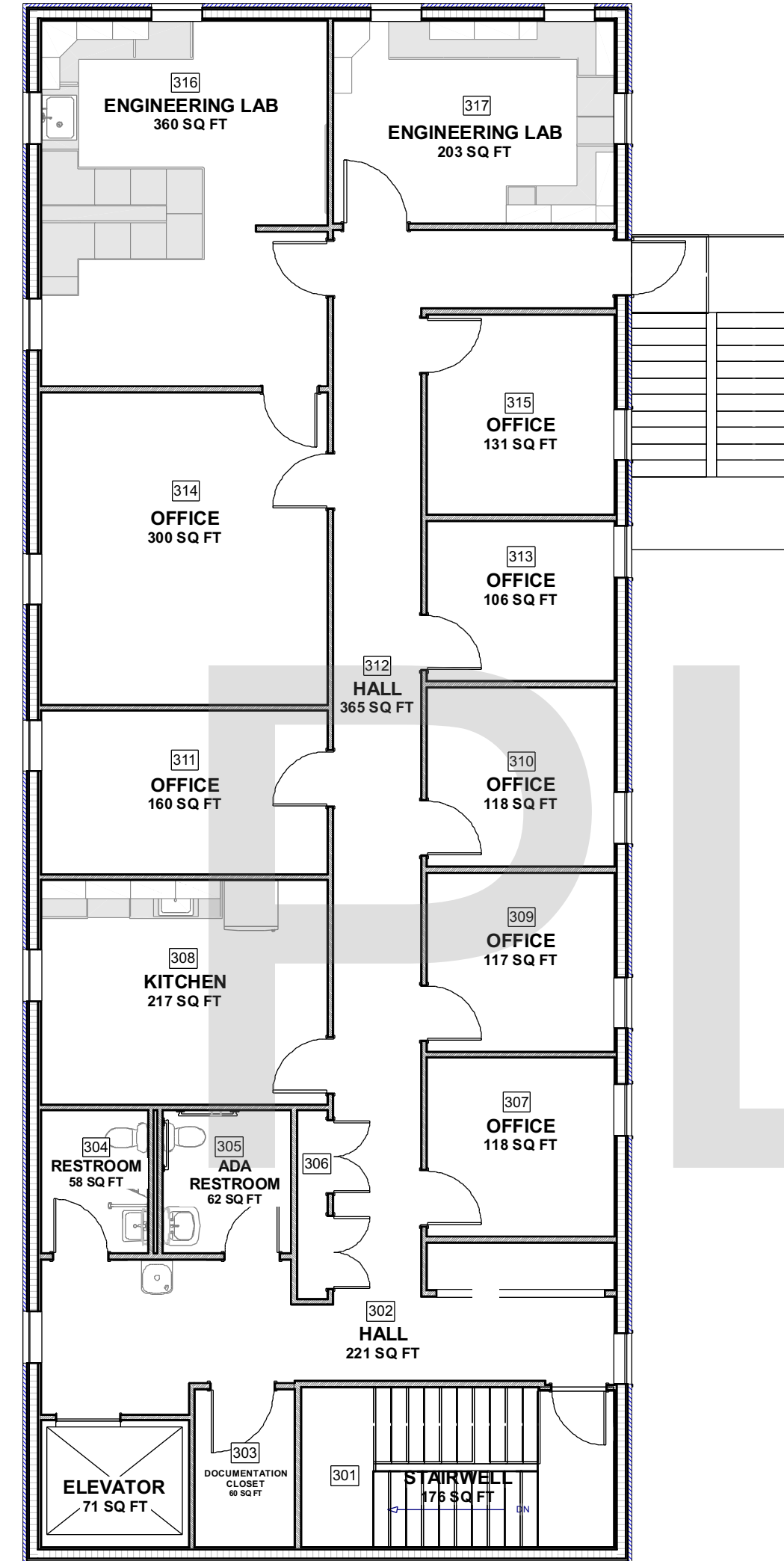
REV. DATE:
 9/19/2019

SHEET:
A4.5

SAMPLE PLAN



A
A4.6 F, F, AND E SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"



B
A4.6 F, F, AND E THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"

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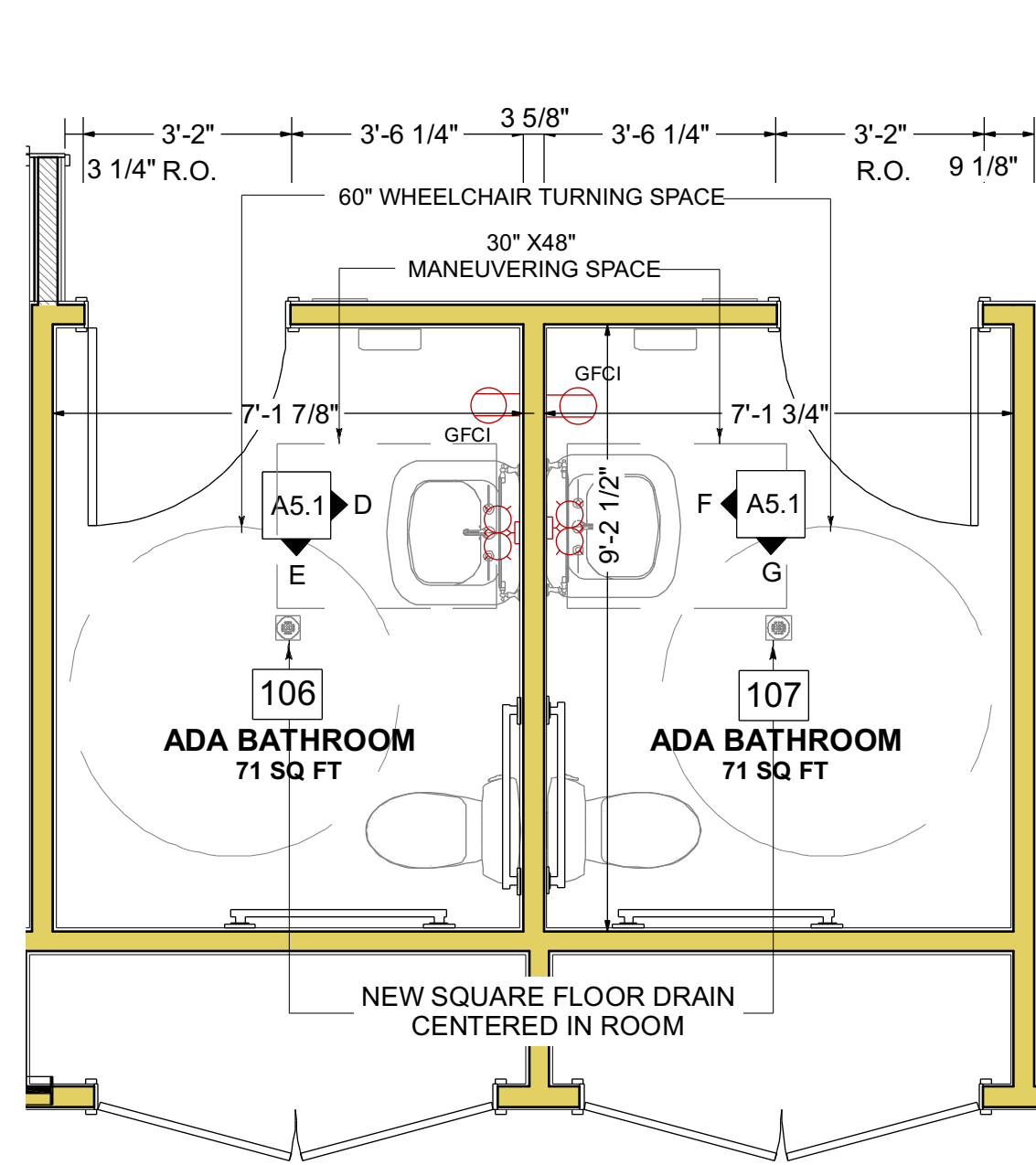
SHEET TITLE:
**FURNITURE, FIXTURES, AND
EQUIPMENT SECOND AND
THIRD FLOOR PLANS**

PROJECT ADDRESS:
CLIENT'S NAME
BUSINESS NAME
BUSINESS ADDRESS

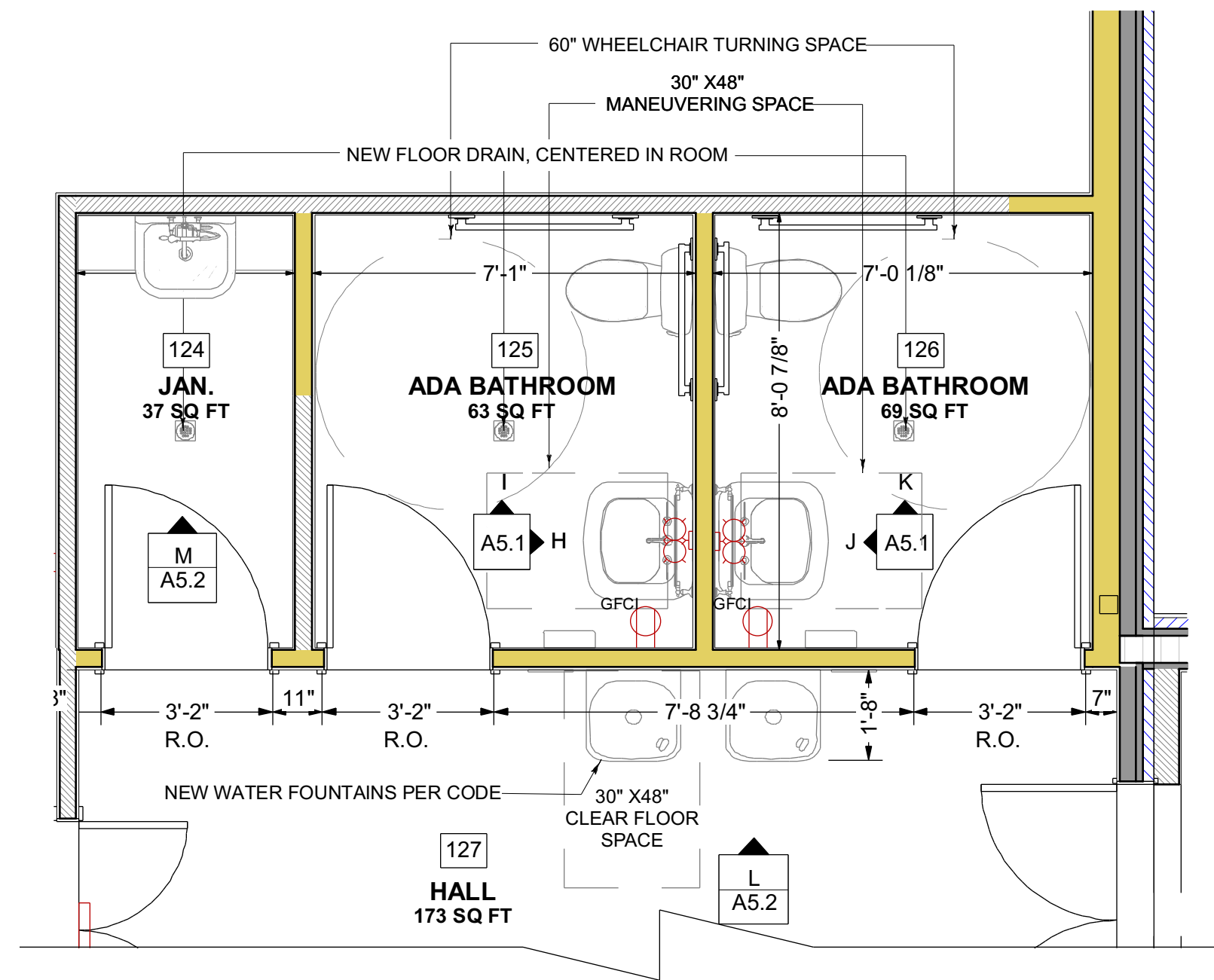
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Architects & Designers
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gmthomedesigns.com

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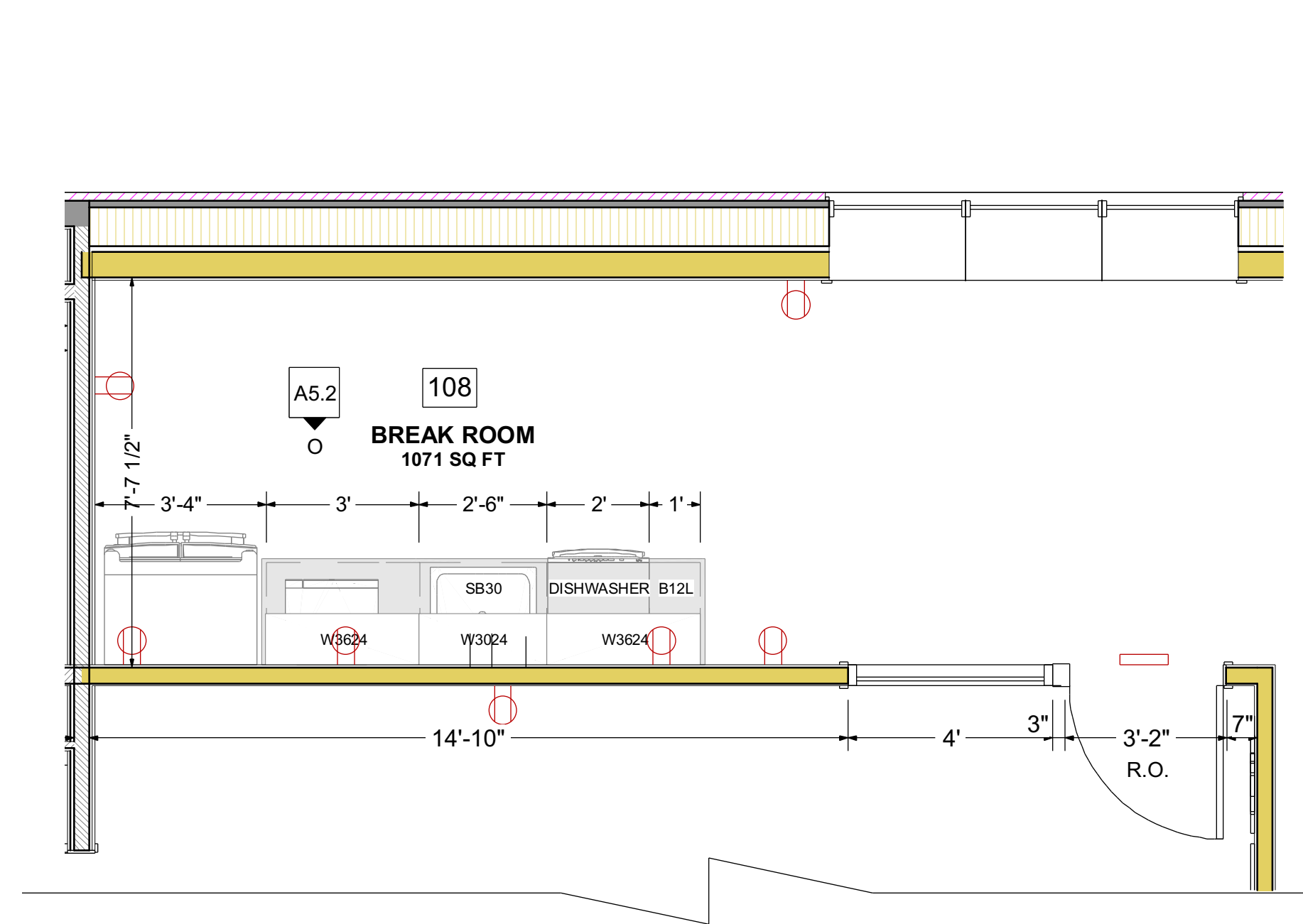
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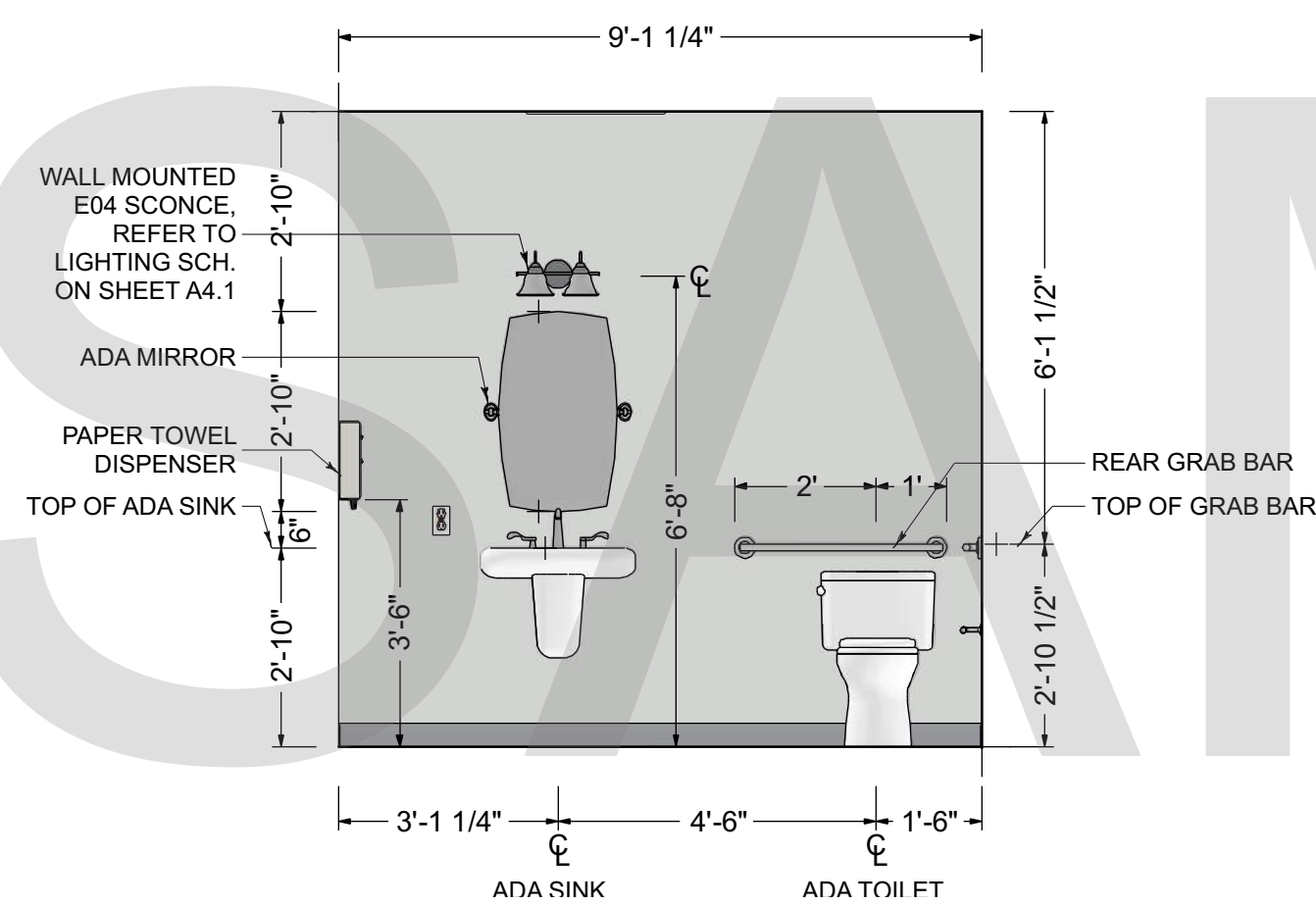
A ADA ENLARGED BATH ROOM PLAN
A5.1 RM#106 AND RM#107
 SCALE: 3/8" = 1'-0"



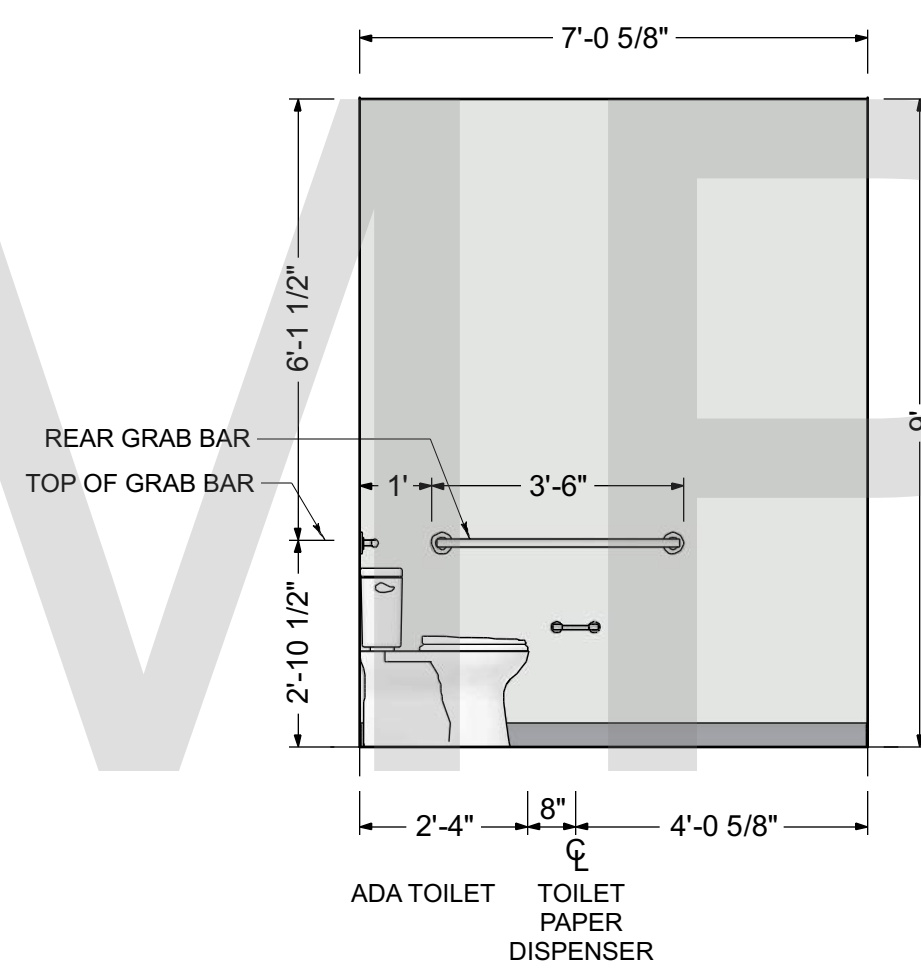
B ADA ENLARGED RESTROOM PLAN
A5.1 RM#125 AND RM#126
 SCALE: 3/8" = 1'-0"



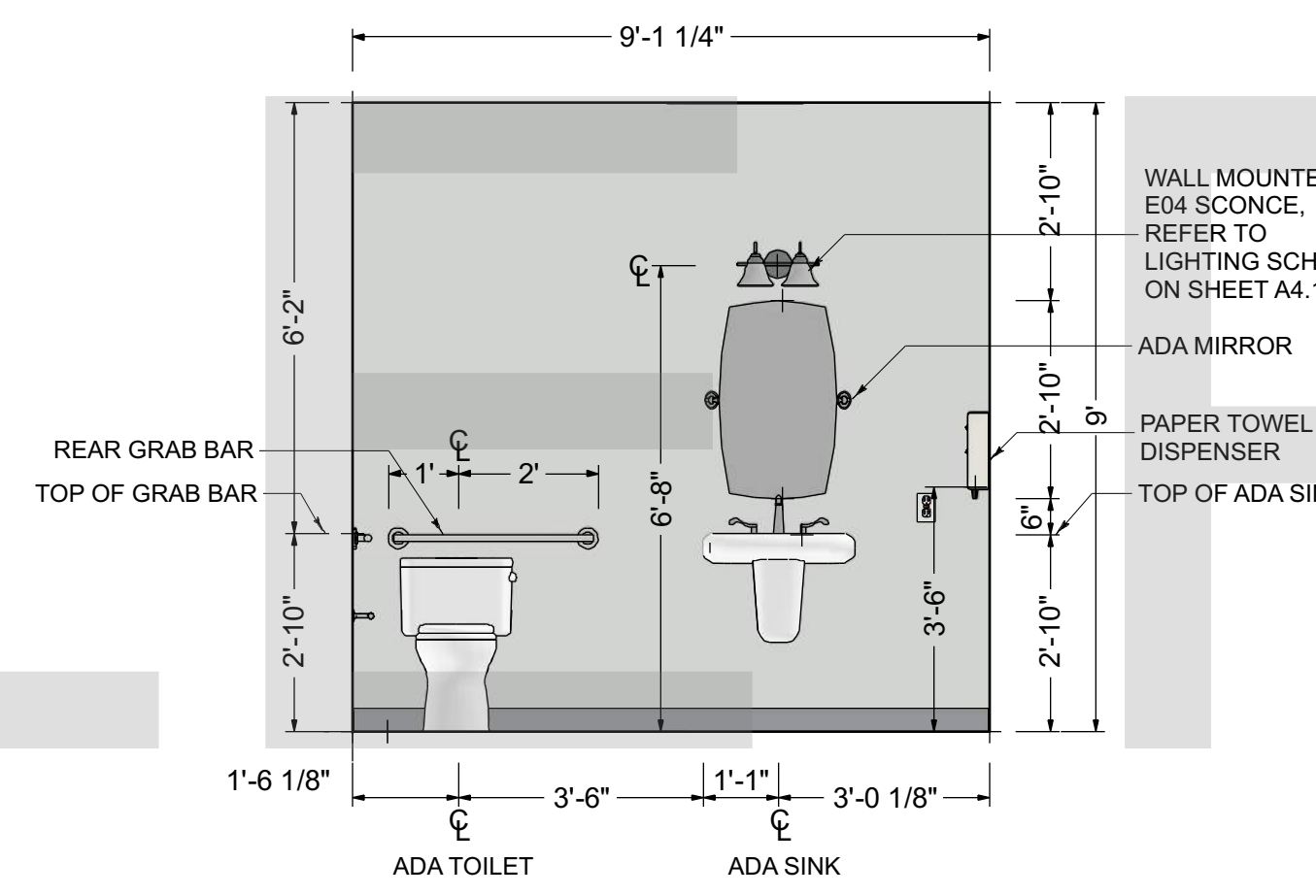
C ENLARGED BREAK ROOM PLAN
A5.1 RM#108
 SCALE: 3/8" = 1'-0"



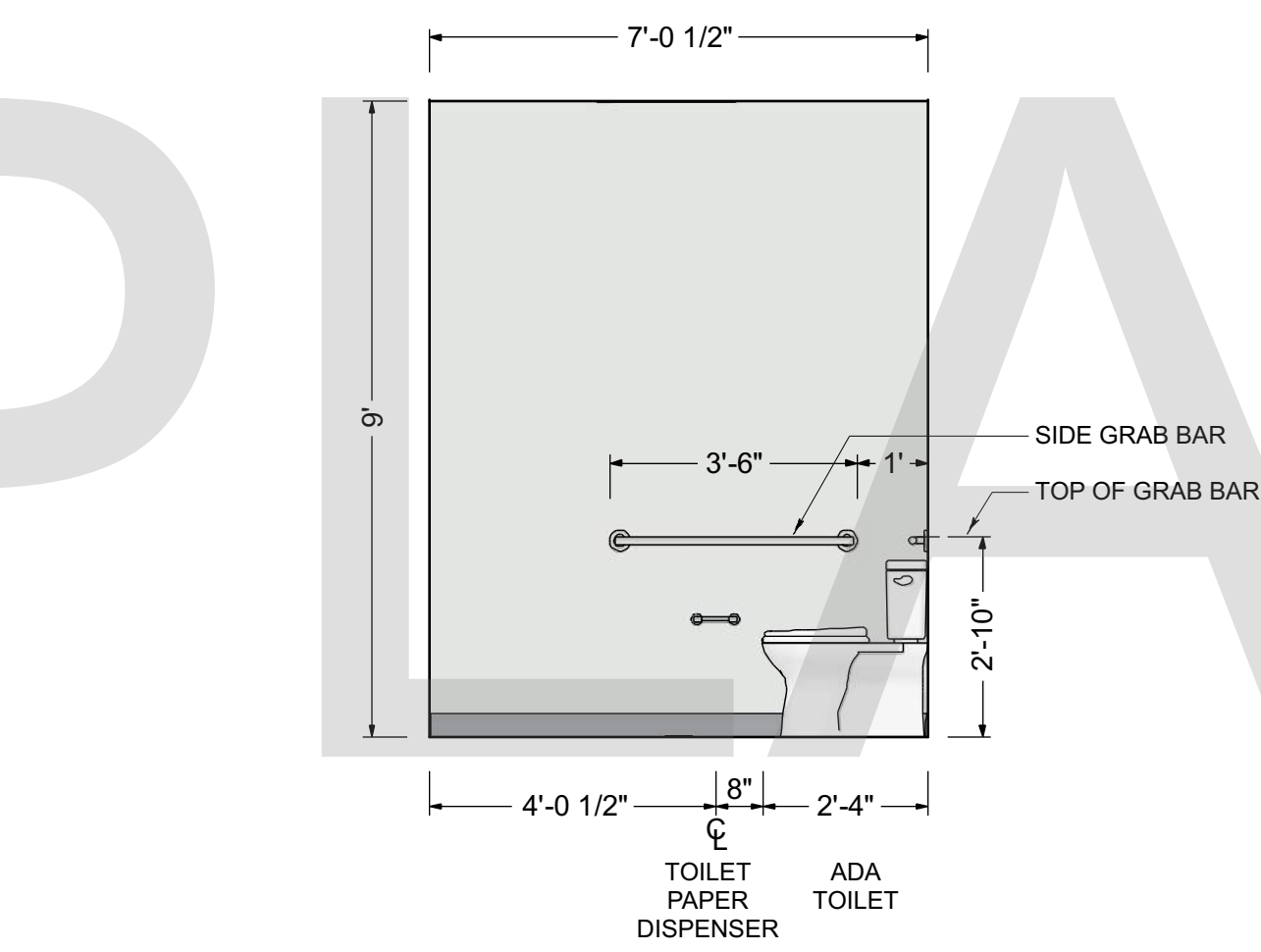
D ADA RESTROOM #106 ELEV.
A5.1 SCALE: 3/8" = 1'-0"



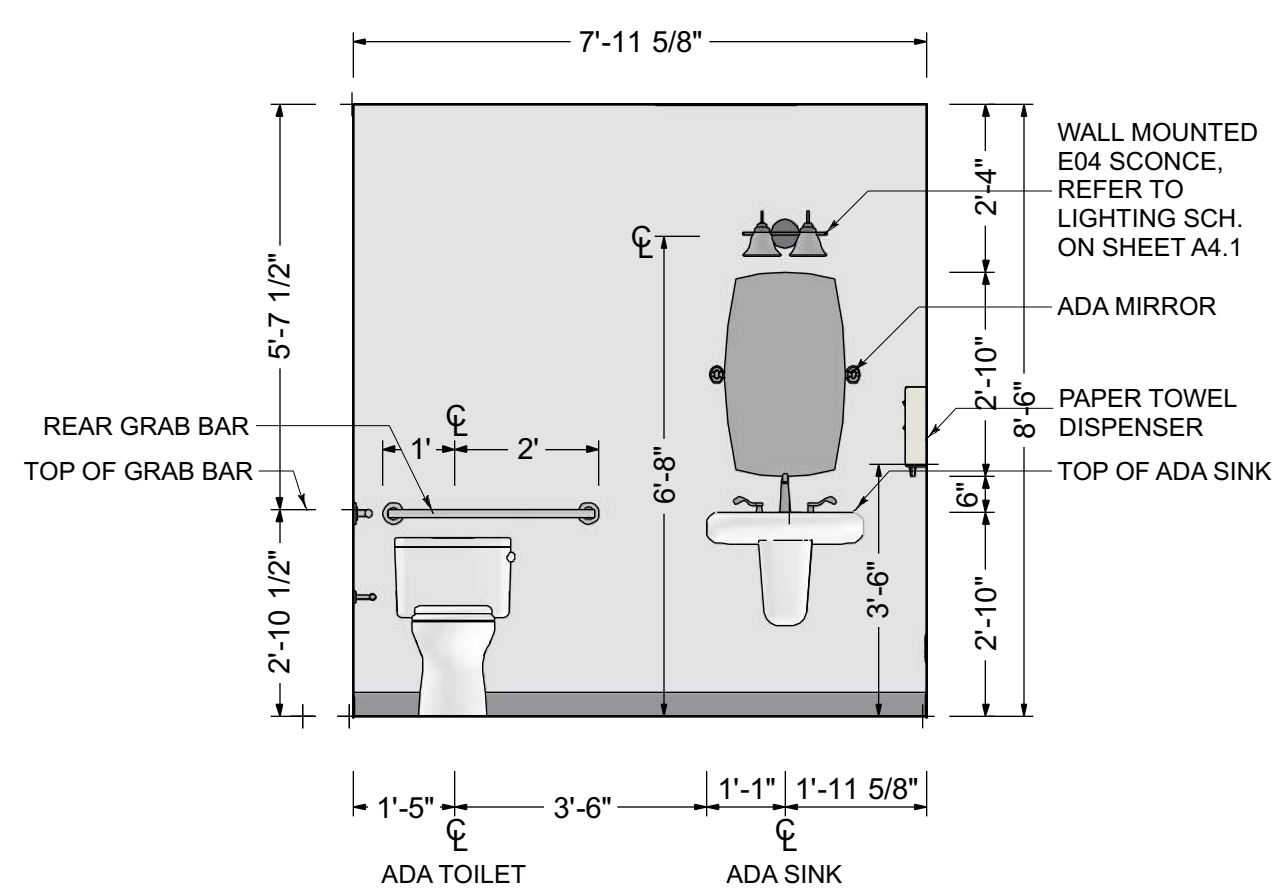
E ADA RESTROOM #106 ELEV.
A5.1 SCALE: 3/8" = 1'-0"



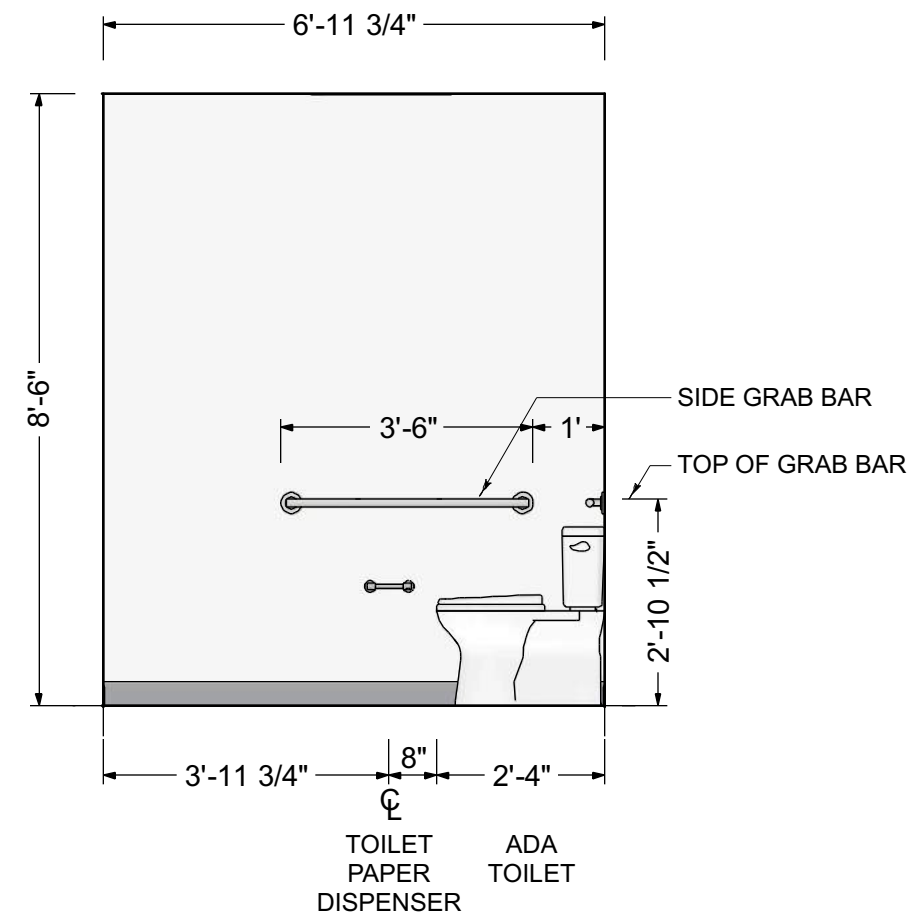
F ADA RESTROOM #107 ELEV.
A5.1 SCALE: 3/8" = 1'-0"



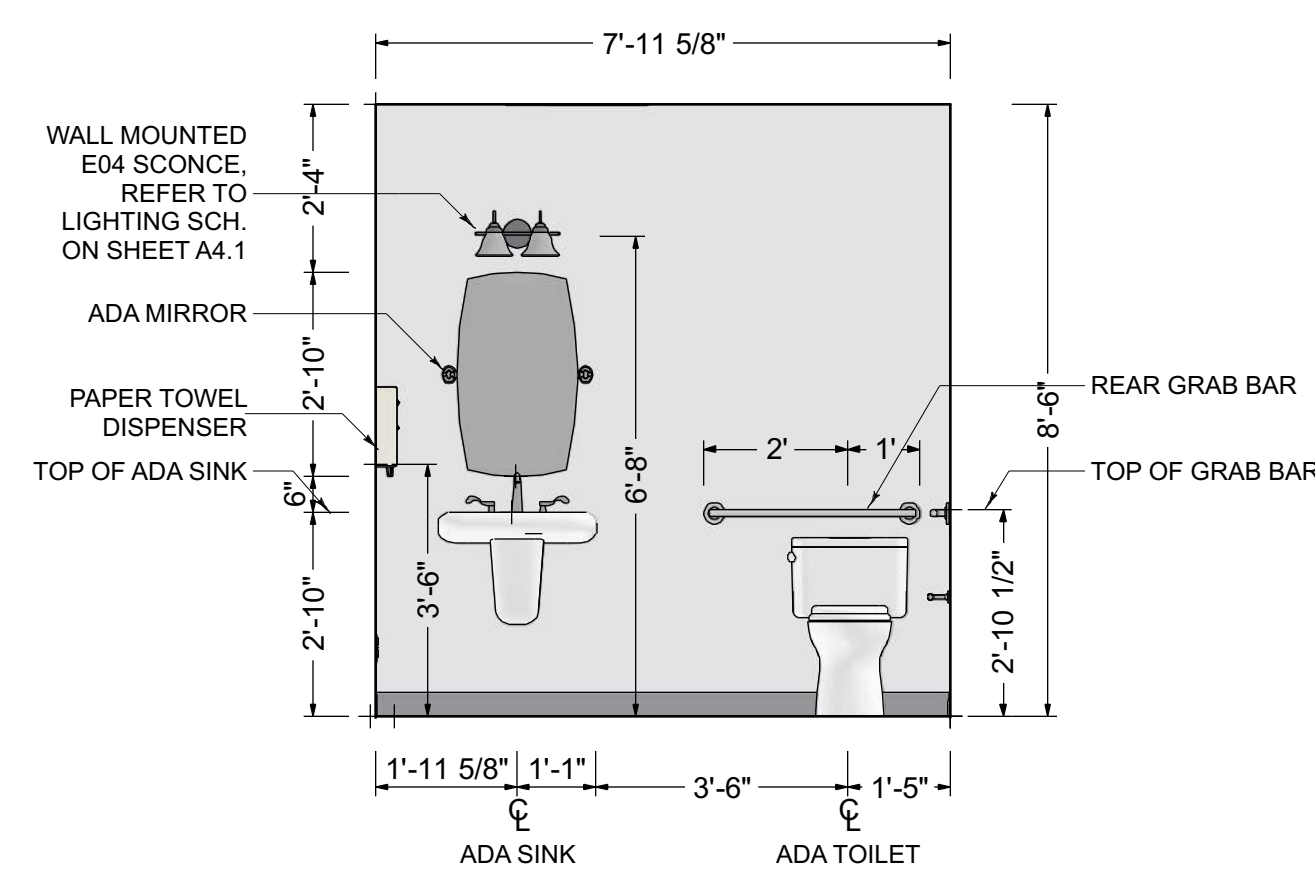
G ADA RESTROOM #107 ELEV.
A5.1 SCALE: 3/8" = 1'-0"



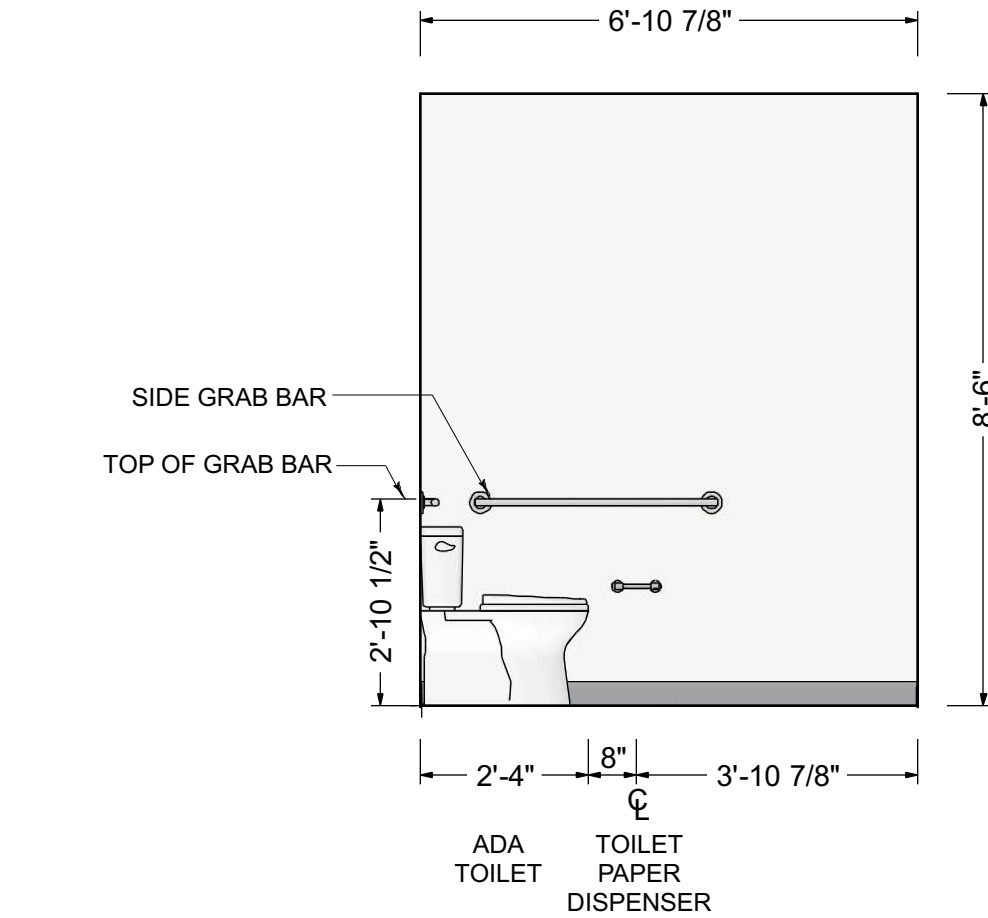
H ADA RESTROOM #125 ELEV.
A5.1 SCALE: 3/8" = 1'-0"



I ADA RESTROOM #125 ELEV.
A5.1 SCALE: 3/8" = 1'-0"



J ADA RESTROOM #126 ELEV.
A5.1 SCALE: 3/8" = 1'-0"



K ADA RESTROOM #126 ELEV.
A5.1 SCALE: 3/8" = 1'-0"



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ENGINEER
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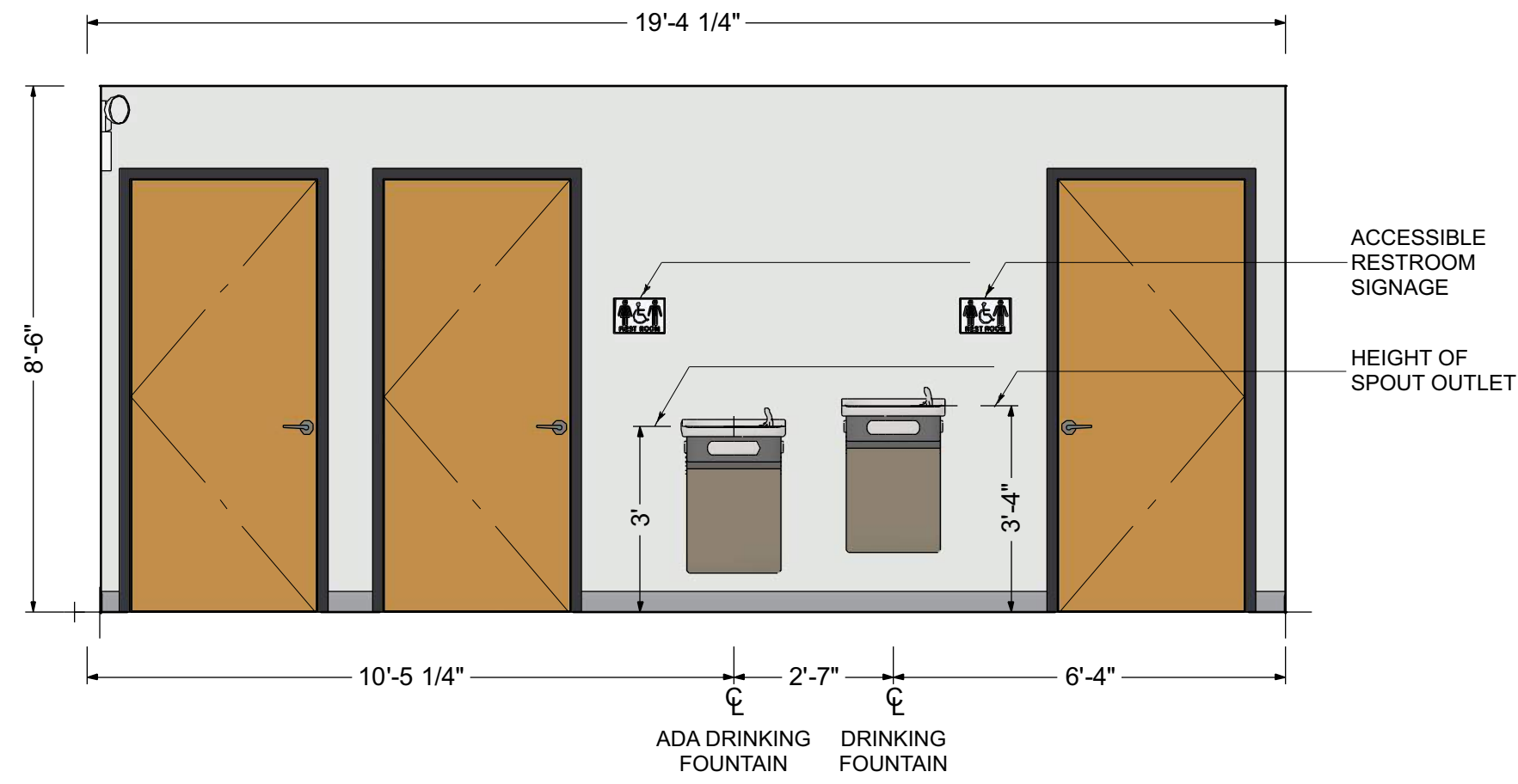
SHEET TITLE:
**ENLARGED RESTROOM PLANS
 INTERIOR ELEVATIONS D-K**

PROJECT ADDRESS:
 CLIENT'S NAME
 BUSINESS NAME
 BUSINESS ADDRESS

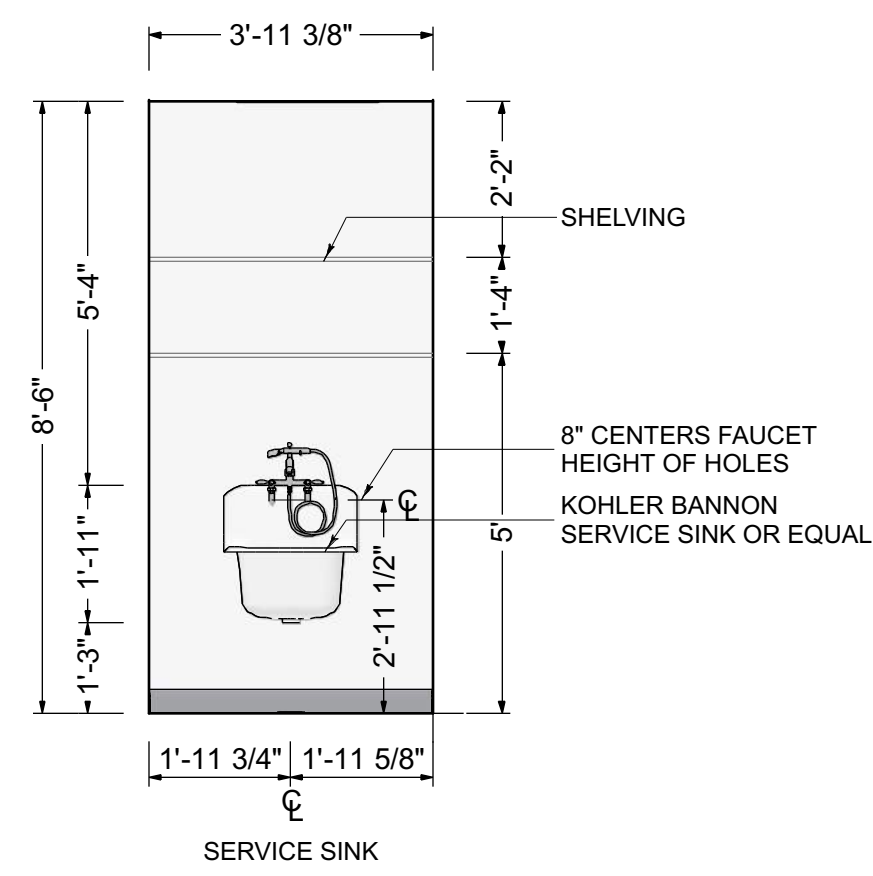
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 60 Pleasant Street
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 (508) 881-7992
 gmtmhome.com

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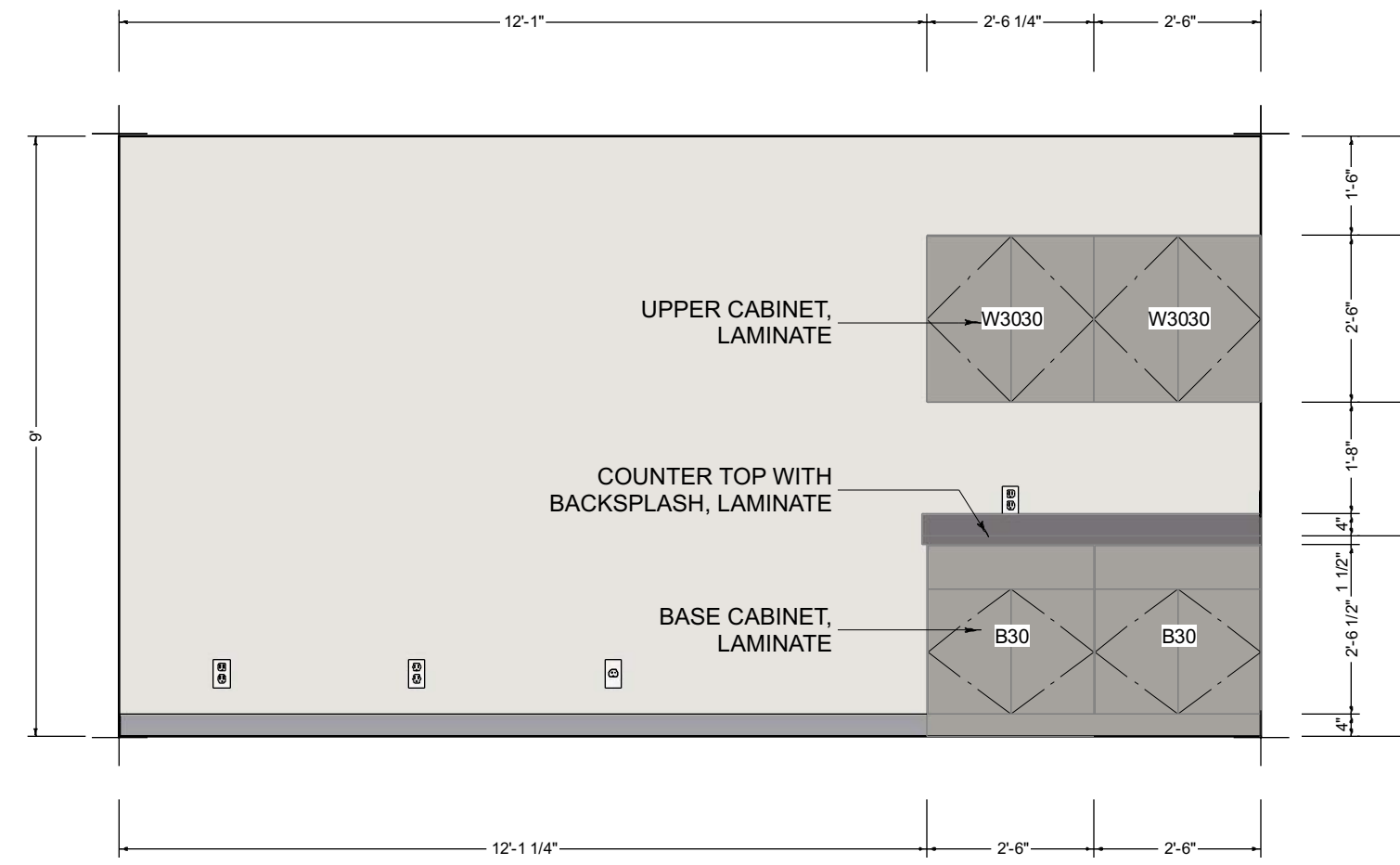
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A5.1



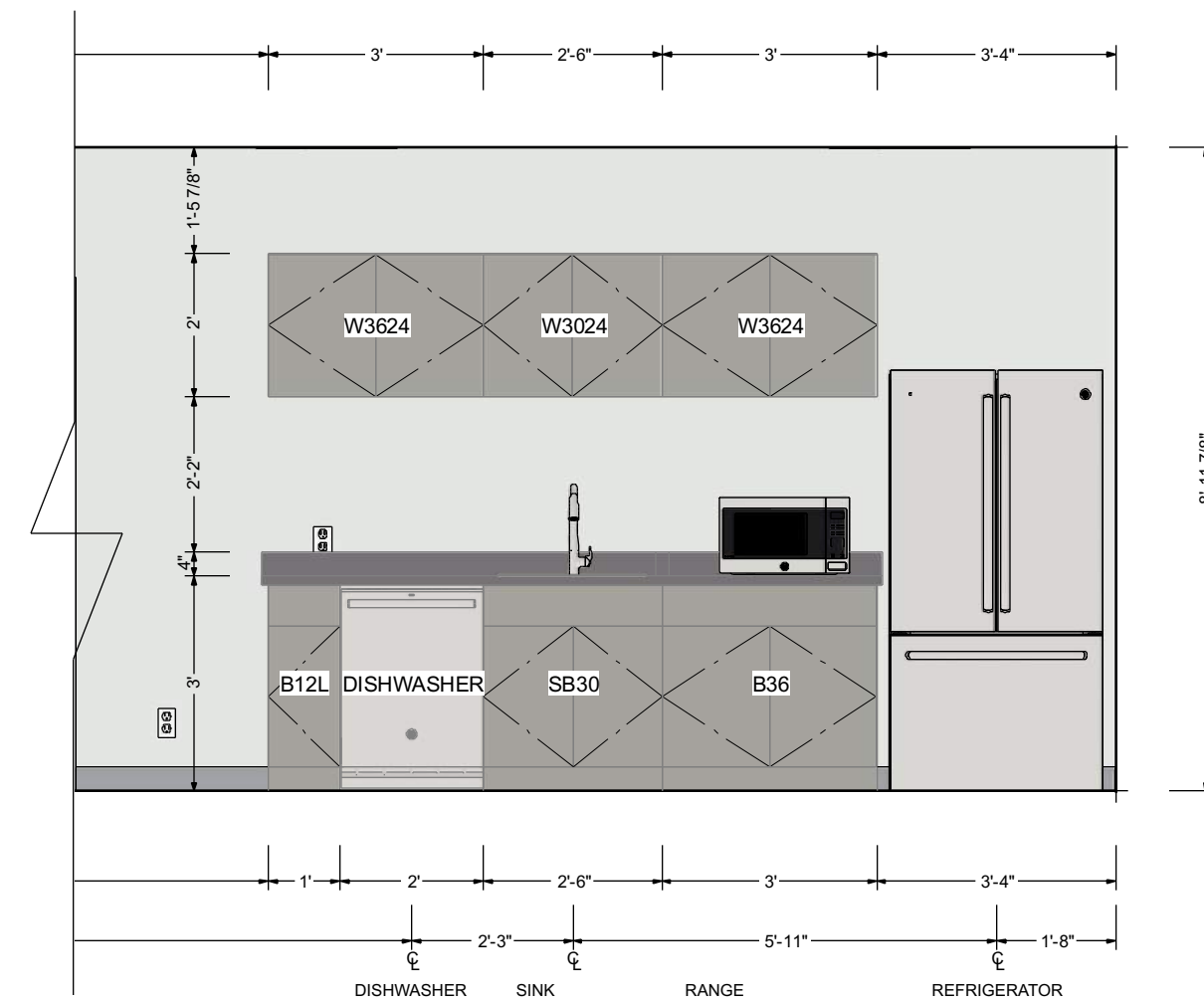
L HALL #127 ELEVATION
A5.2 SCALE: 3/8" = 1'-0"



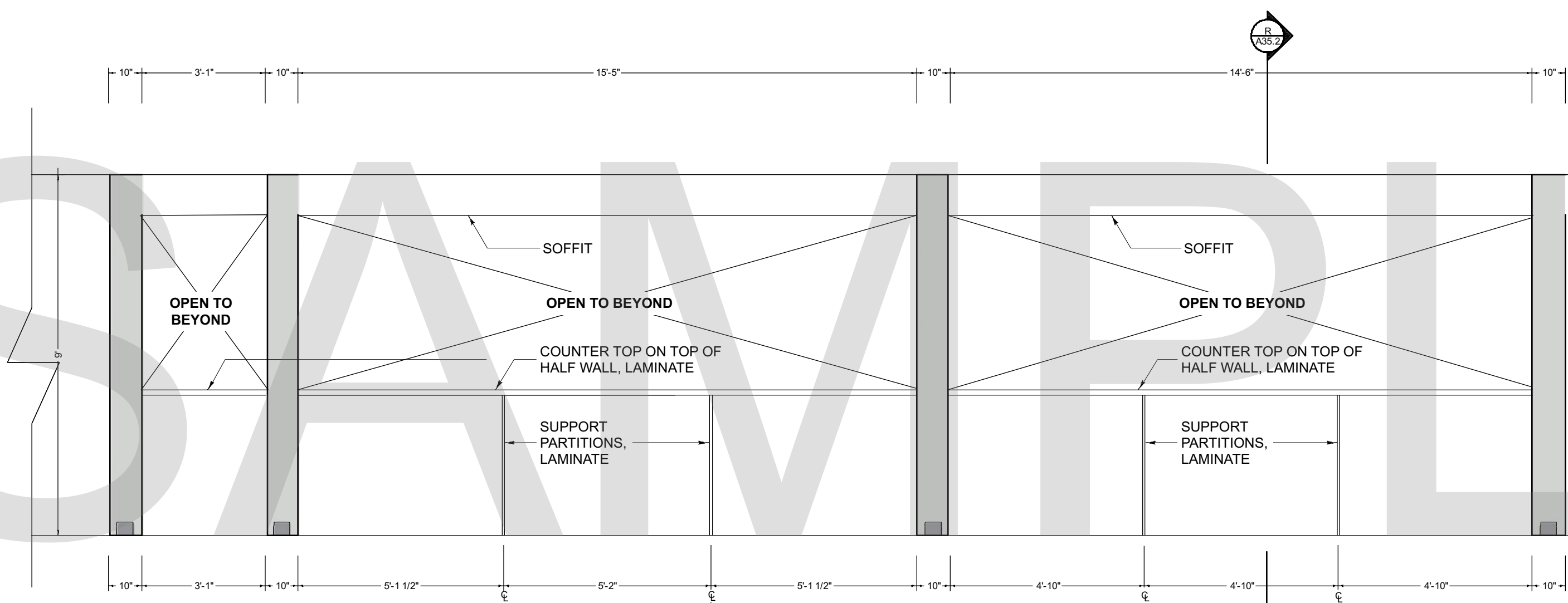
M JANITOR #124 ELEV.
A5.2 SCALE: 3/8" = 1'-0"



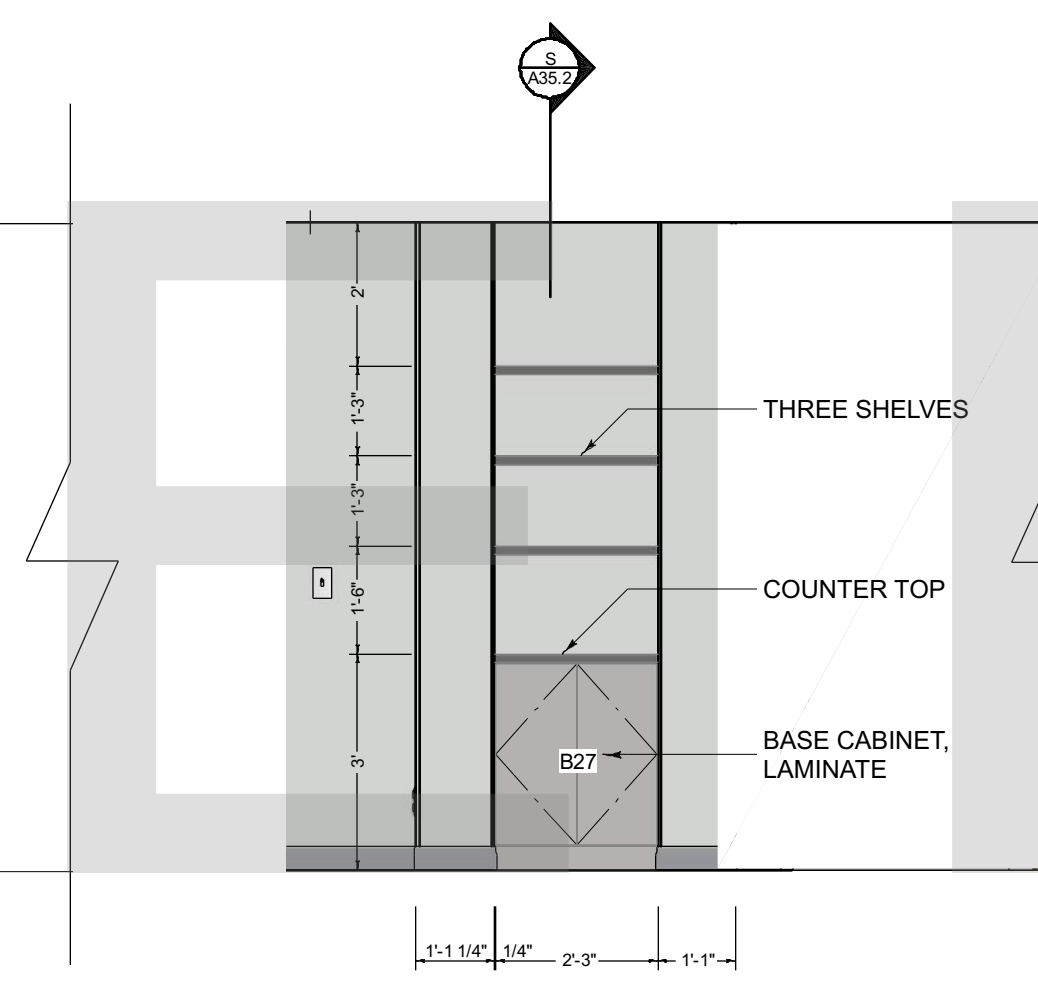
N BREAK ROOM #108 ELEVATION
A5.2 SCALE: 3/8" = 1'-0"



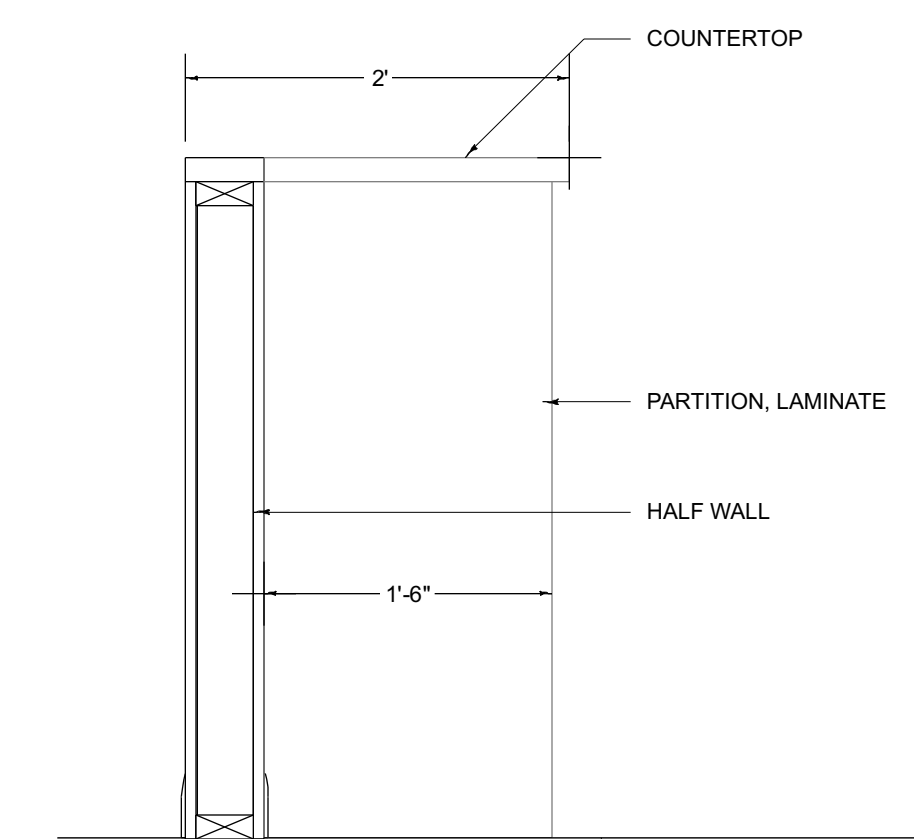
O BREAK ROOM #108 ELEVATION
A5.2 SCALE: 3/8" = 1'-0"



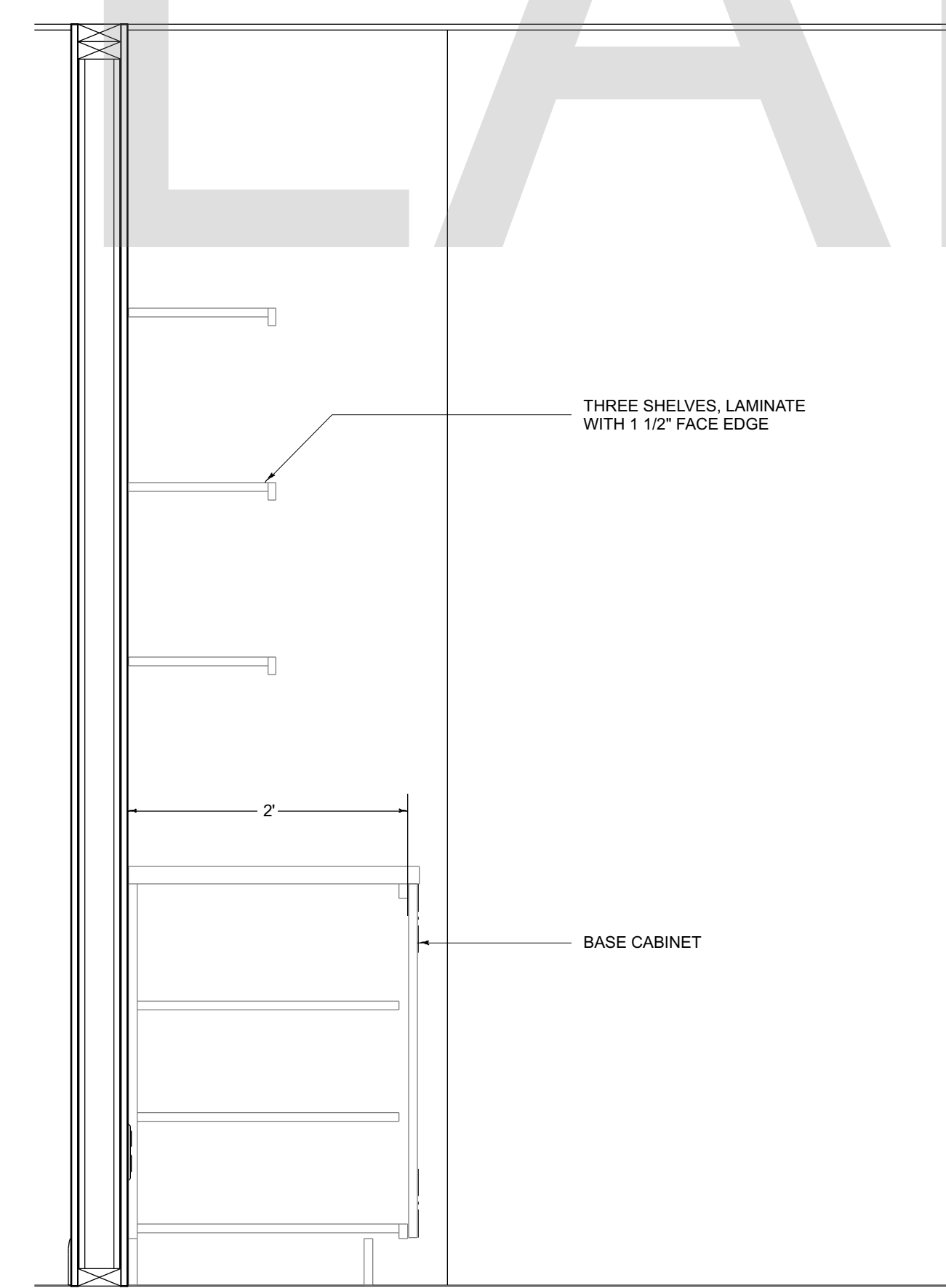
P OFFICE AREA #113 COUNTER ELEVATION
A5.2 SCALE: 3/8" = 1'-0"



Q OFFICE AREA #113 ELEV.
A5.2 SCALE: 3/8" = 1'-0"



R OFFICE AREA #113 COUNTER SECTION
A5.2 SCALE: 1" = 1'-0"



S OFFICE AREA #113 NOOK SECTION
A5.2 SCALE: 1" = 1'-0"

- BUILT-IN FINISH NOTES:**
- CABINETS, UPPER AND LOWER: WAYPOINT, SLAB DOOR, LAMINATE COLOR STONE
 - COUNTERTOPS: WILSON ART LAMINATE PEWTER BRUSH #4779-60, MATTE FINISH
 - OPEN SHELVES: WILSON ART LAMINATE PEWTER BRUSH #4779-60, MATTE FINISH
 - SUPPORT PARTITIONS (UNDER LONG COUNTER: WILSON ART LAMINATE PLATINUM#D316-60, MATTE FINISH

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SHEET TITLE:
**INTERIOR ELEVATIONS
L THRU Q**

PROJECT ADDRESS:
CLIENT'S NAME
BUSINESS NAME
BUSINESS ADDRESS

DRAWINGS PROVIDED BY:
GMT
HOME DESIGNS
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(508) 881-7992
gmthomedesigns.com

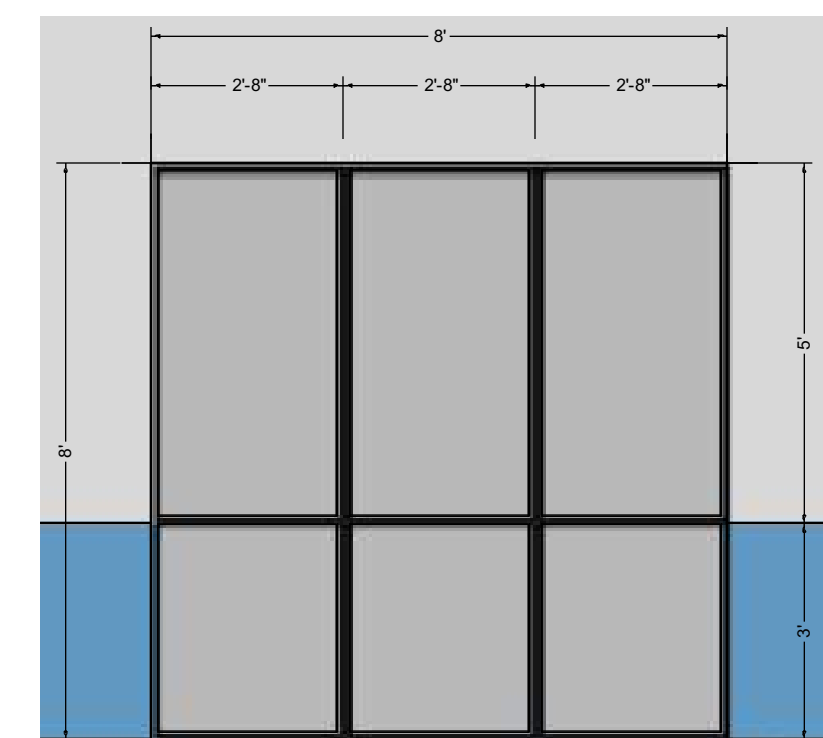
REV. DATE:
9/19/2019

SHEET:
A5.2

DOOR SCHEDULE												
3D EXTERIOR ELEVATION	NUMBER	LABEL	FLOOR	QTY	WIDTH	HEIGHT	SIZE	DESCRIPTION	MANUFACTURER	LOCK, EXTERIOR	LOCK, INTERIOR	COMMENTS
	D01	3070	1	1	36"	84"	3070 L IN	HINGED - COMMERCIAL GRADE SOLID MAPLE DOOR WITH GLASS PANEL	TBD	STANDARD		EGRESS PANIC BAR FRONT ENTRY/HALL
	D02	3070	1	1	36"	84"	3070 L IN	HINGED - COMMERCIAL GRADE SOLID MAPLE DOOR	TBD	STANDARD		HR OFFICE/OFFICE AREA
	D03	3070	1	2	36"	84"	3070 R IN	HINGED - COMMERCIAL GRADE SOLID MAPLE DOOR	TBD		STANDARD	ADA RESTROOM SELF-CLOSING DEVICE ON DOOR
	D04	3070	1	2	36"	84"	3070 L IN	HINGED - COMMERCIAL GRADE SOLID MAPLE DOOR	TBD		STANDARD	ADA RESTROOM SELF-CLOSING DEVICE ON DOOR
	D05	3070	1	1	36"	84"	3070 L IN	HINGED - COMMERCIAL GRADE SOLID MAPLE DOOR WITH GLASS PANEL	TBD			BREAK ROOM
	D06	3070	1	3	36"	84"	3070 R IN	HINGED - COMMERCIAL GRADE SOLID MAPLE DOOR WITH GLASS PANEL	TBD			CONFERENCE ROOM PRIVATE OFFICES
	D07	3070	1	1	36"	84"	3070 L IN	HINGED - COMMERCIAL GRADE SOLID MAPLE DOOR WITH GLASS PANEL	TBD	STANDARD		HALL/OFFICE AREA
	D08	6070	1	2	72"	84"	6070 L/R IN	HINGED - PAIR COMMERCIAL GRADE SOLID MAPLE DOOR	TBD			CLOSET
	D09	3070	1	1	36"	84"	3070 R IN	HINGED - COMMERCIAL GRADE SOLID MAPLE DOOR WITH GLASS PANEL	TBD	STANDARD		HR OFFICE

DOOR SCHEDULE												
3D EXTERIOR ELEVATION	NUMBER	LABEL	FLOOR	QTY	WIDTH	HEIGHT	SIZE	DESCRIPTION	MANUFACTURER	LOCK, EXTERIOR	LOCK, INTERIOR	COMMENTS
	D10	3070	1	1	36"	84"	3070 L IN	HINGED - COMMERCIAL GRADE SOLID MAPLE DOOR WITH GLASS PANEL	TBD			PRIVATE OFFICE
	D11	3070	1	1	36"	84"	3070 R IN	HINGED - COMMERCIAL GRADE SOLID MAPLE DOOR	TBD	STANDARD		OFFICE AREA IN 1 HOUR RATED WALL
	D12	3070	1	1	36"	84"	3070 L IN	HINGED - COMMERCIAL GRADE SOLID MAPLE DOOR	TBD	STANDARD		OFFICE AREA IN 1 HOUR RATED WALL
	D13	3070	1	1	36"	84"	3070 L IN	HINGED - COMMERCIAL GRADE SOLID MAPLE DOOR	TBD			BREAK ROOM IN 1 HOUR RATED WALL
	D14	3070	1	1	36"	84"	3070 R IN	HINGED - COMMERCIAL GRADE SOLID MAPLE DOOR	TBD	STANDARD		AUTOMATED ASSEMBLY STORAGE
	D15	6070	1	2	72"	84"	6070 L/R IN	HINGED - PAIR COMMERCIAL GRADE SOLID MAPLE DOOR	TBD	STANDARD (2)		AUTOMATED ASSEMBLY/ STAGING INVENTORY
	D16	3070	1	1	36"	84"	3070 L IN	HINGED - COMMERCIAL GRADE SOLID MAPLE WOOD DOOR	TBD			JANITOR
	D17	6070	1	1	72"	84"	6070 L/R EX	HINGED - PAIR METAL EXTERIOR DOORS	TBD	STANDARD (2)	PANIC BAR WITH LOCK (2)	BADGE ACCESS PANIC EGRESS HDWE

WINDOW SCHEDULE										
3D EXTERIOR ELEVATION	NUMBER	LABEL	FLOOR	QTY	WIDTH	HEIGHT	DESCRIPTION	MANUFACTURER	COMMENTS	TEMPERED
	W02	2840FX	1	1	32 3/4"	48 1/4"	FIXED GLASS	TBD	INTERIOR HR OFFICE	YES
	W03	4070FX	1	1	48 3/4"	84 1/4"	FIXED GLASS	TBD	INTERIOR BREAK ROOM CONFERENCE ROOM	YES
	W04	EXISTING	1	1	36 3/4"	84 1/4"	FIXED GLASS	TBD	INTERIOR OFFICES	YES
	W05	4070FX	1	1	48 3/4"	84 1/4"	INTERIOR FIXED GLASS	TBD	INTERIOR BREAK ROOM CONFERENCE ROOM	YES



A EXTERIOR WINDOW ELEVATION
SCALE: 3/8" = 1'-0"

DISCLAIMER

ALL REASONABLE EFFORT HAS BEEN MADE TO ENSURE THE ACCURACY OF THIS WINDOW AND DOOR SCHEDULE. GENERAL CONTRACTOR TO VERIFY ALL WINDOW AND DOOR SIZES, COUNT, TEMPERING, AND LOCATIONS WITH PROVIDER PRIOR TO ORDERING WINDOWS AND DOORS.

NOTES: EXTERIOR WINDOWS

BLACK ALUMINUM-CLADDING EXTERIOR, PRE-FINISHED BLACK INTERIOR, LOW-E TEMPERED GLASS. MANUFACTURER TO BE DETERMINED. REFER TO ELEVATION A/A6.1 FOR LOCATION OF MULLIONS.

NOTES: INTERIOR WINDOWS

BLACK METAL FRAMES, TEMPERED GLASS. REFER TO INTERIOR ELEVATIONS X/A5.1

NOTES: DOORS

EXTERIOR DOORS: METAL DOORS, PAINT GRADE, WITH EXTERIOR LOCKS AND INTERIOR PANIC HARDWARE. MANUFACTURER TO BE DETERMINED.

INTERIOR DOORS: COMMERCIAL GRADE SOLID MAPLE DOORS, WITH OR WITHOUT GLAZING PER SCHEDULE. SEE SCHEDULE FOR HARDWARE. MANUFACTURER TO BE DETERMINED.

ALL DOORS TO PROVIDE 32" MINIMUM CLEAR OPENING WHEN OPENED TO 90 DEGREE POSITION UNLESS OTHERWISE NOTED, PER 1010.1.1 IN 2015 IBC

VERIFY ALL EXISTING DOORS, HARDWARE AND FRAMES MEET CLIENT STANDARDS AND /OR CODE REQUIREMENTS.

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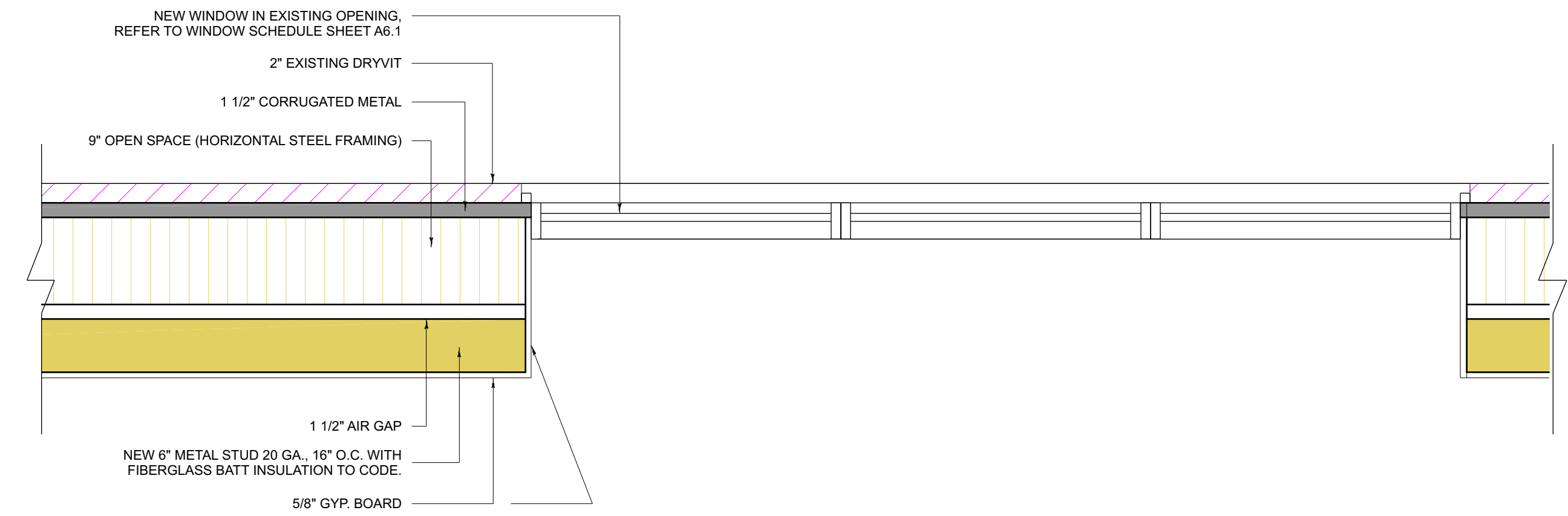
SHEET TITLE:
WINDOW AND DOOR SCHEDULES

PROJECT ADDRESS:
CLIENT'S NAME
BUSINESS NAME
BUSINESS ADDRESS

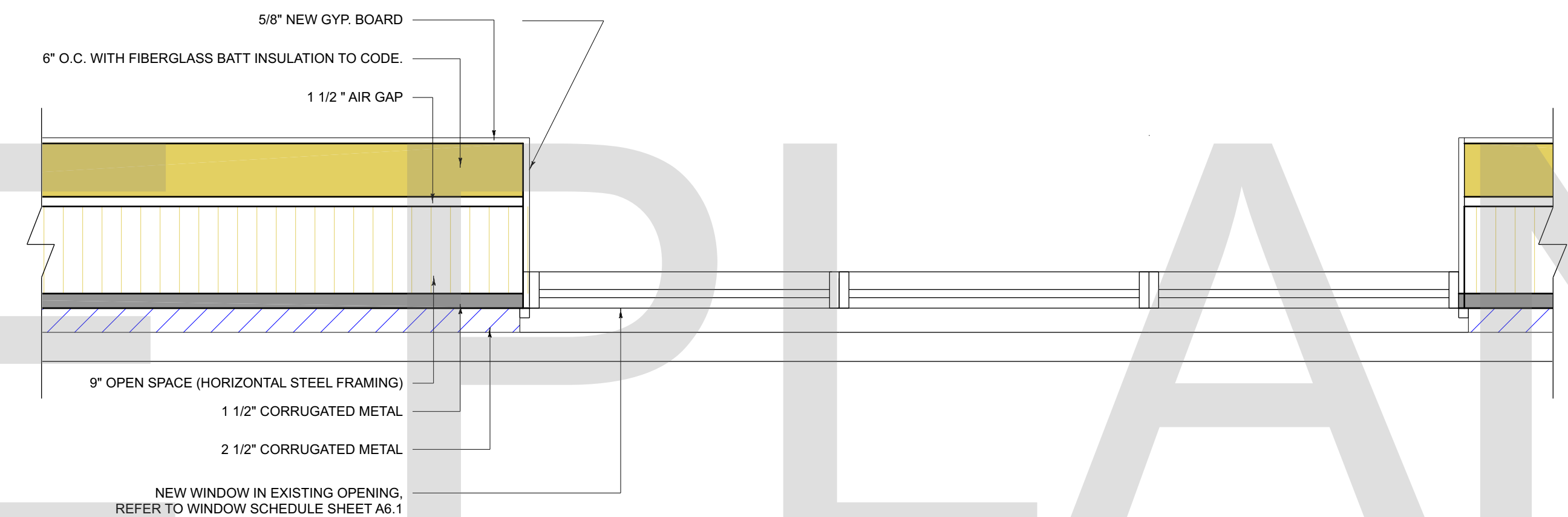
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REV. DATE:
9/19/2019
SHEET:
A6.1

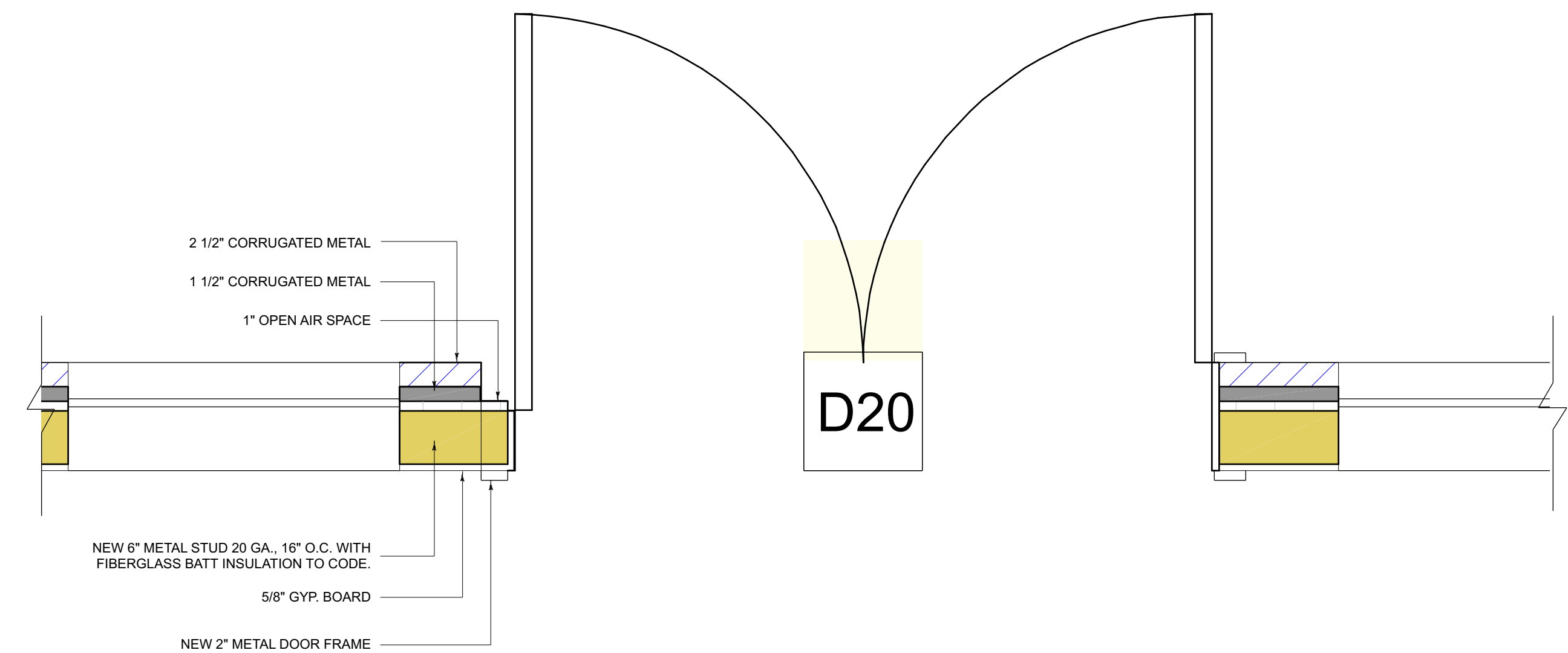
SAMPLE LEAD PLAN



C NEW WINDOW IN EXISTING OPENING JAMB DETAIL
SCALE 1" = 1' - 0"



B NEW WINDOW JAMB DETAIL
SCALE 1" = 1' - 0"



A NEW EXTERIOR METAL DOOR JAMB DETAIL
SCALE 1" = 1' - 0"

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SHEET TITLE:
**CONSTRUCTION DETAILS
A THRU C**

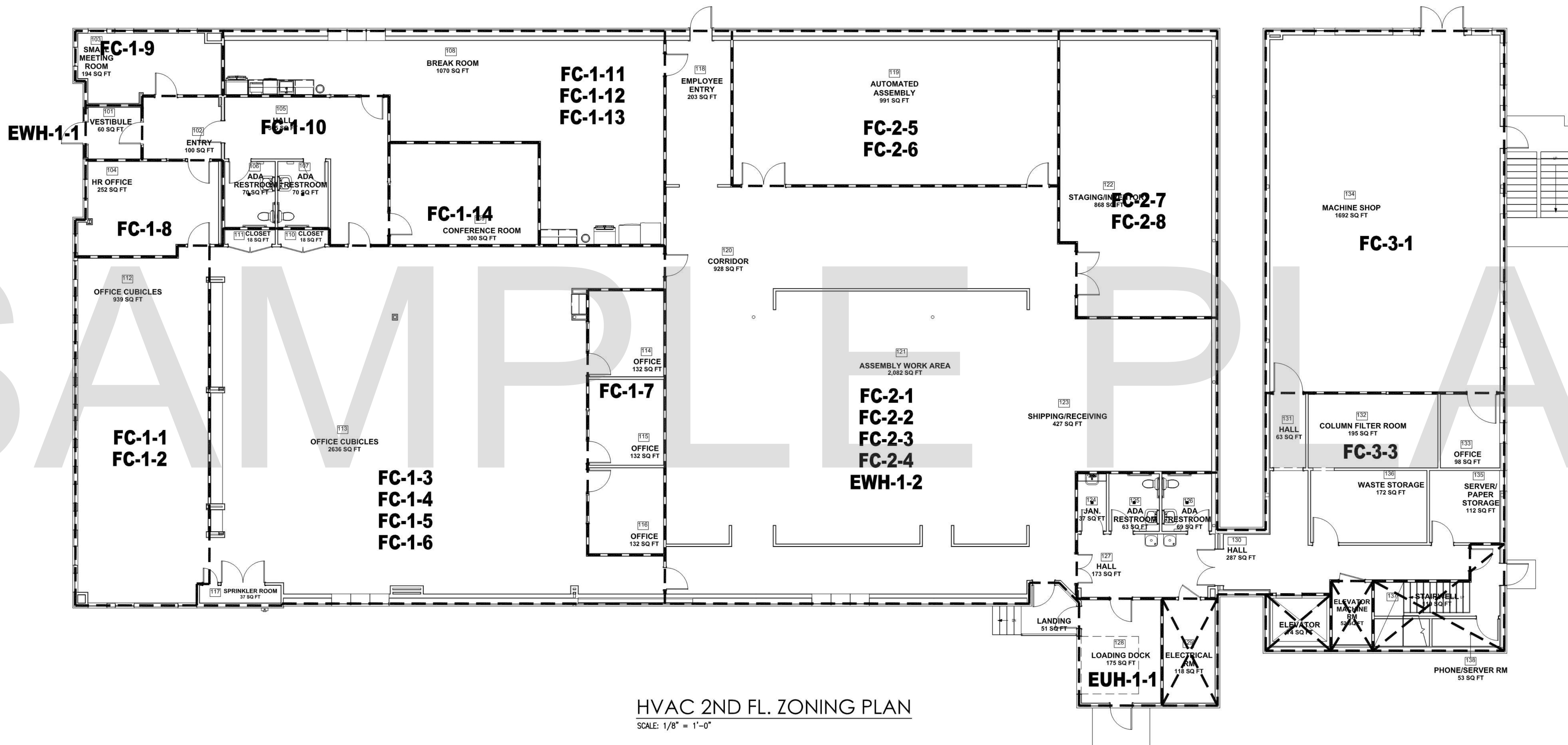
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REV. DATE:
9/19/2019

SHEET:
AD1



HVAC 2ND FL. ZONING PLAN
SCALE: 1/8" = 1'-0"

SAMPLE PLAN

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PROJECT ADDRESS:

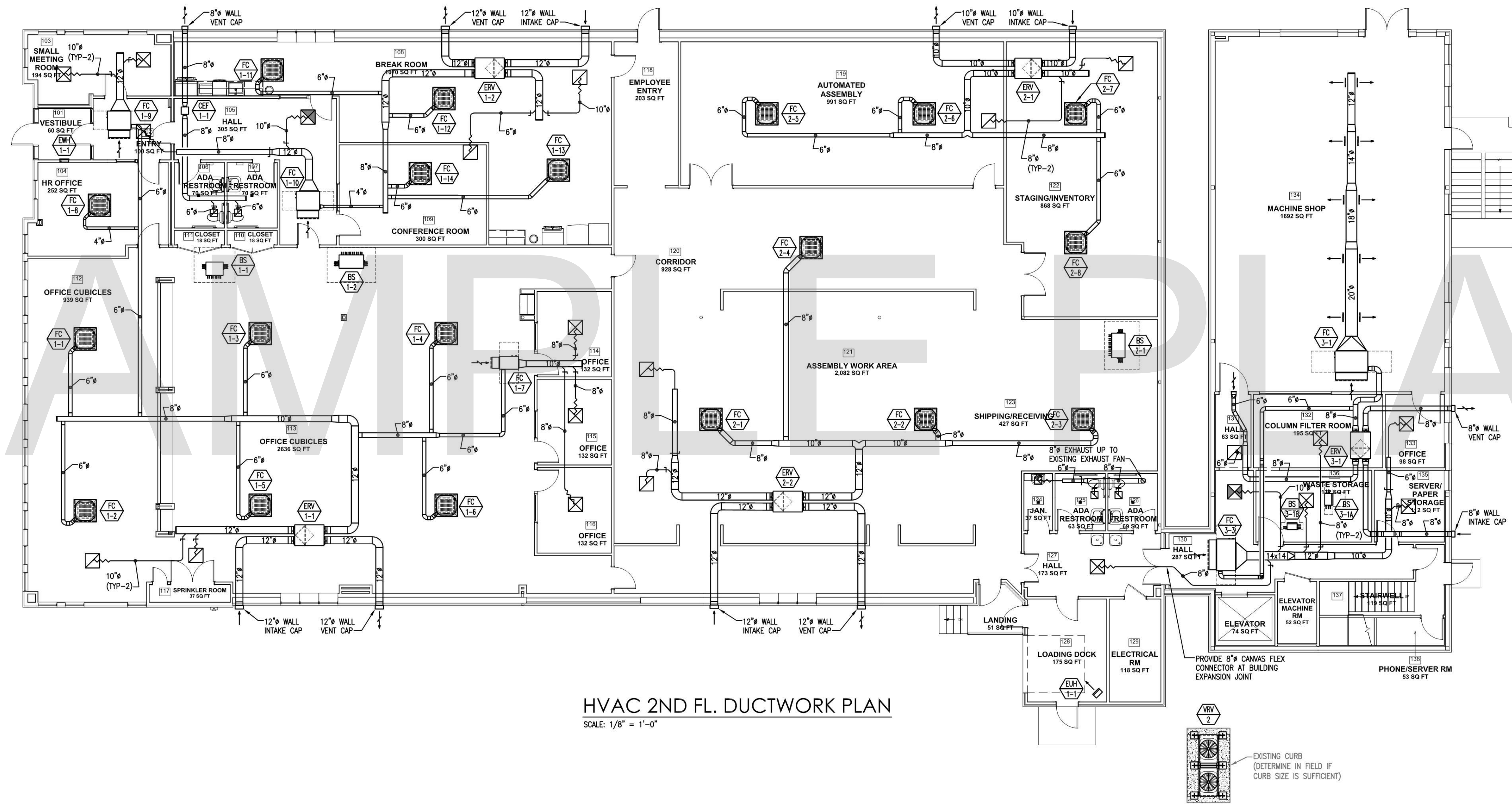
SHEET TITLE:
**FIRST FLOOR
ZONING PLAN**

DRAWINGS PROVIDED BY:
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Architects & Designers

REV. DATE:
4/26/2019

SHEET: 1 OF 11

H1.0



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SHEET TITLE:
**FIRST FLOOR
 DUCTWORK PLAN**

PROJECT ADDRESS:

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 Architects & Designers

REV. DATE:
 4/26/2019

SHEET: 2 OF 11

H1.1



HVAC 2ND FL. CEILING PLAN
SCALE: 1/8" = 1'-0"

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SHEET TITLE:
**FIRST FLOOR
CEILING PLAN**

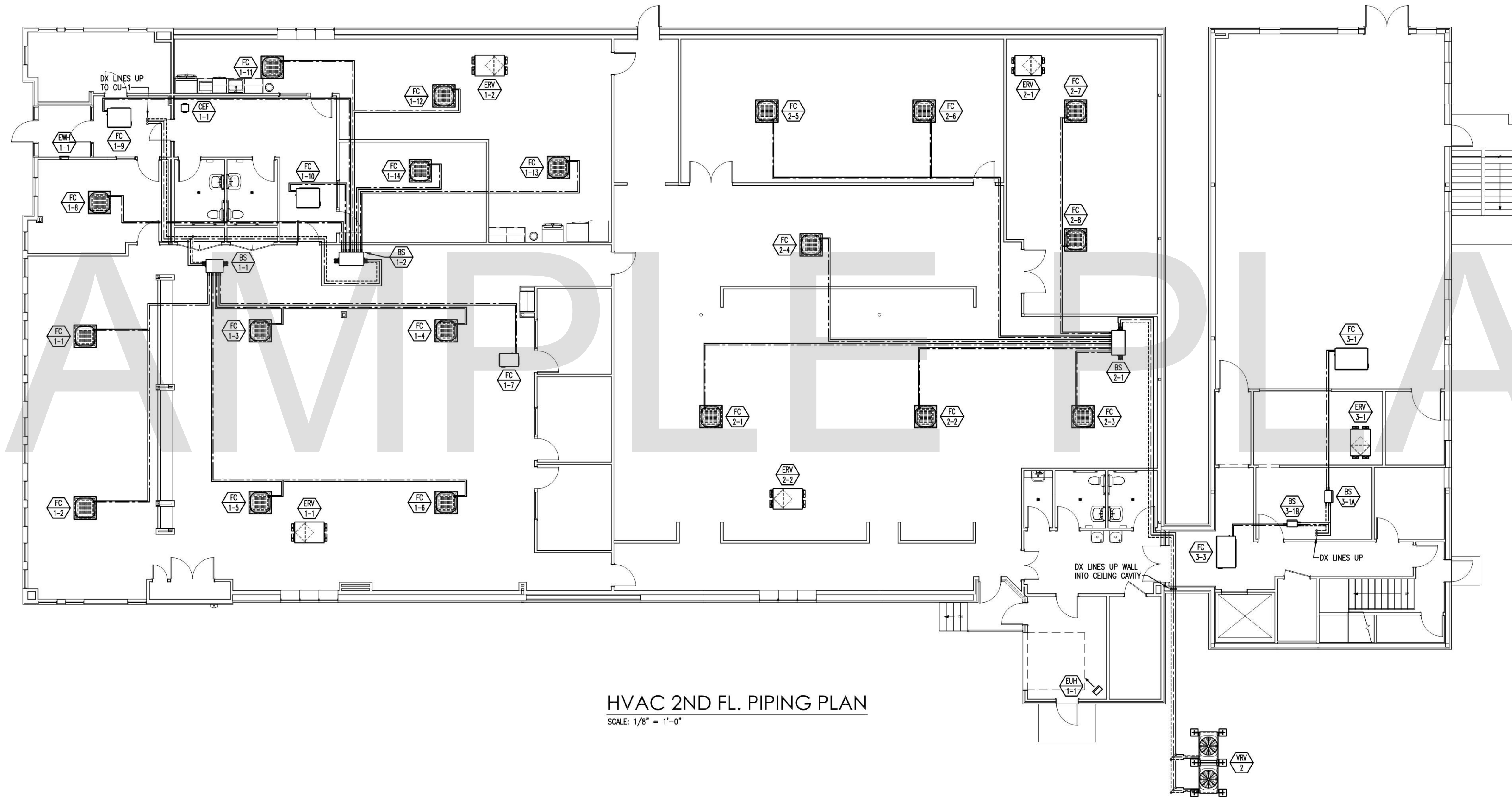
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SHEET: 3 OF 11

H1.2



HVAC 2ND FL. PIPING PLAN
 SCALE: 1/8" = 1'-0"

SAMPLE PLAN

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SHEET TITLE:
**FIRST FLOOR
 PIPING PLAN**

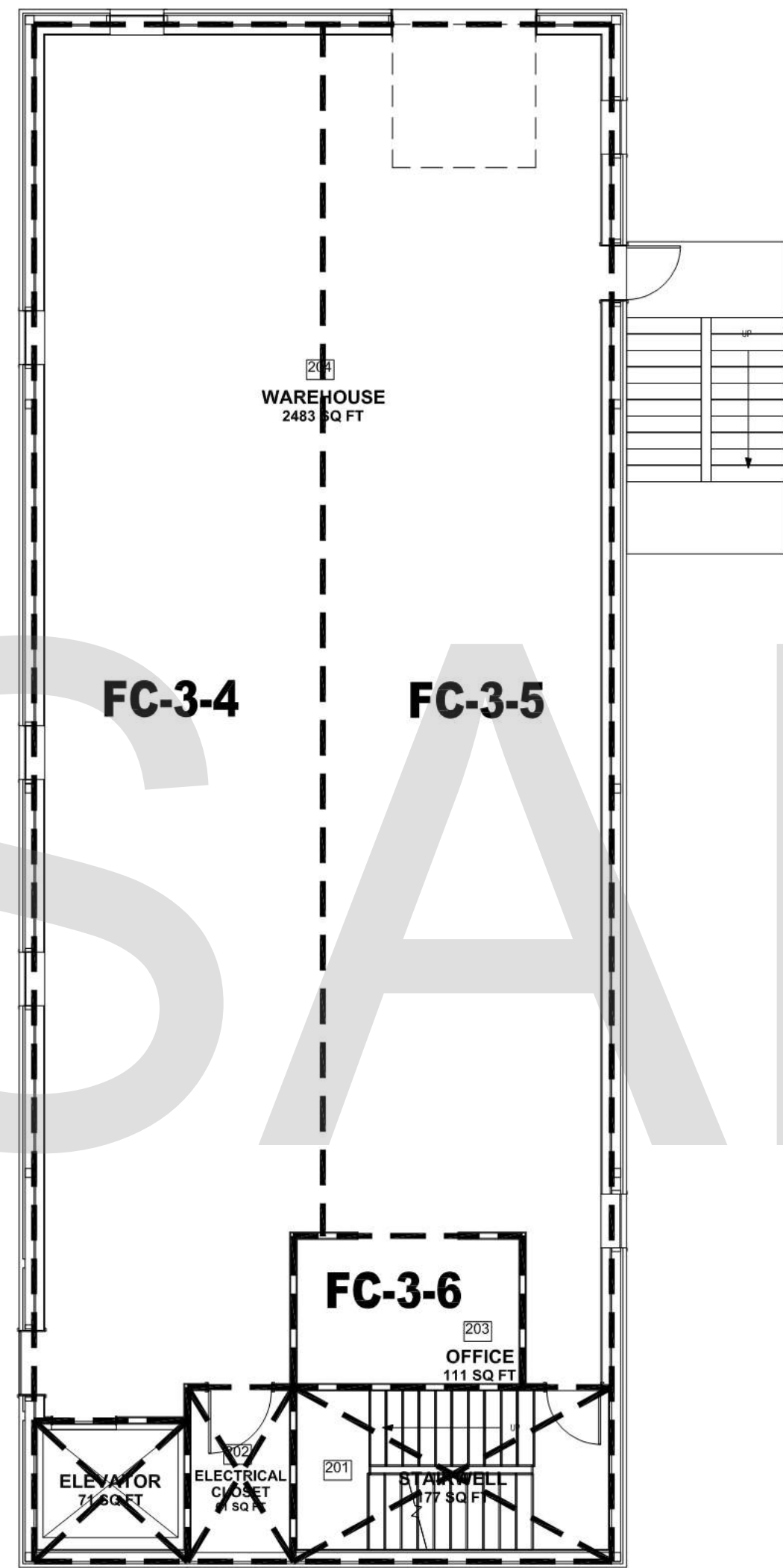
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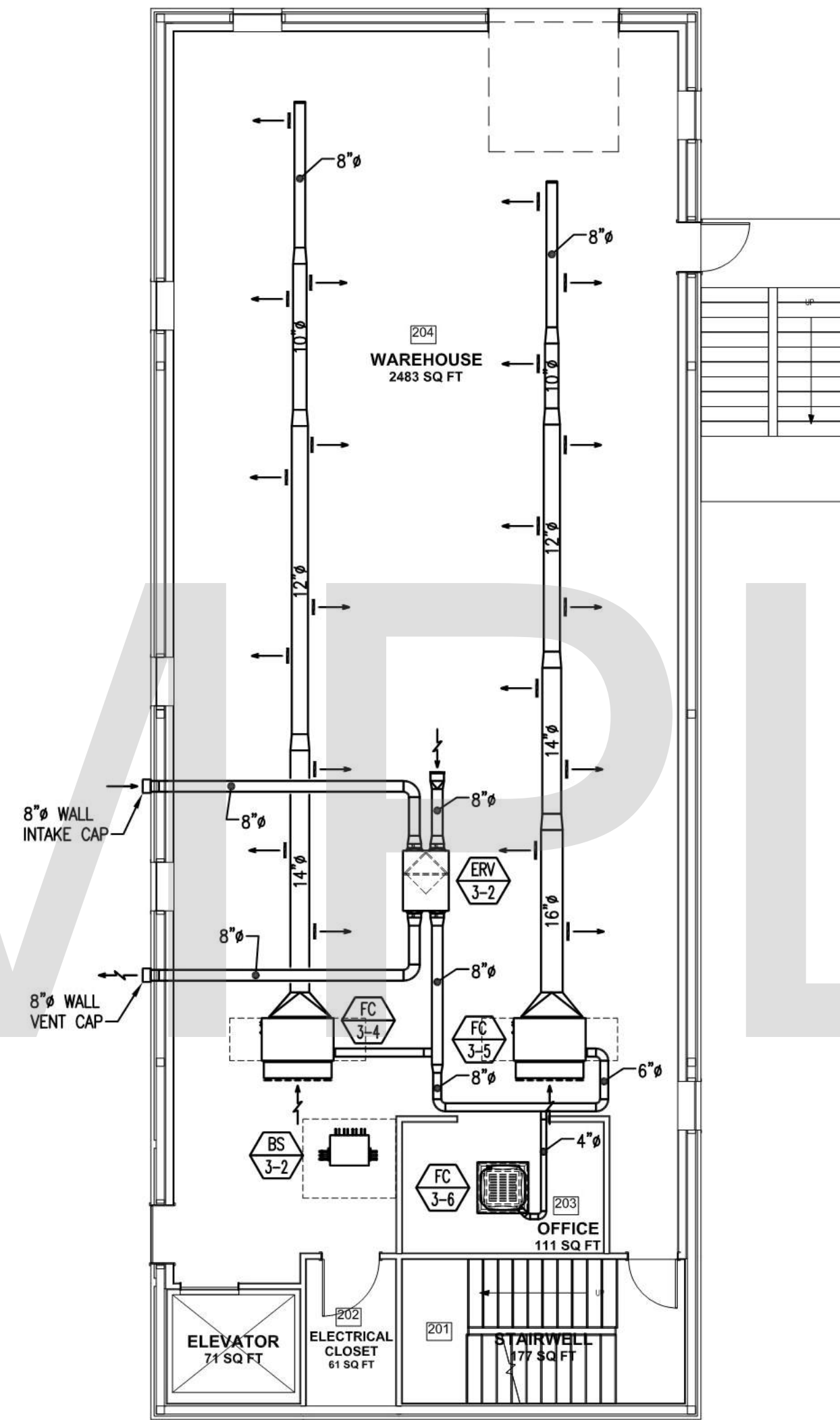
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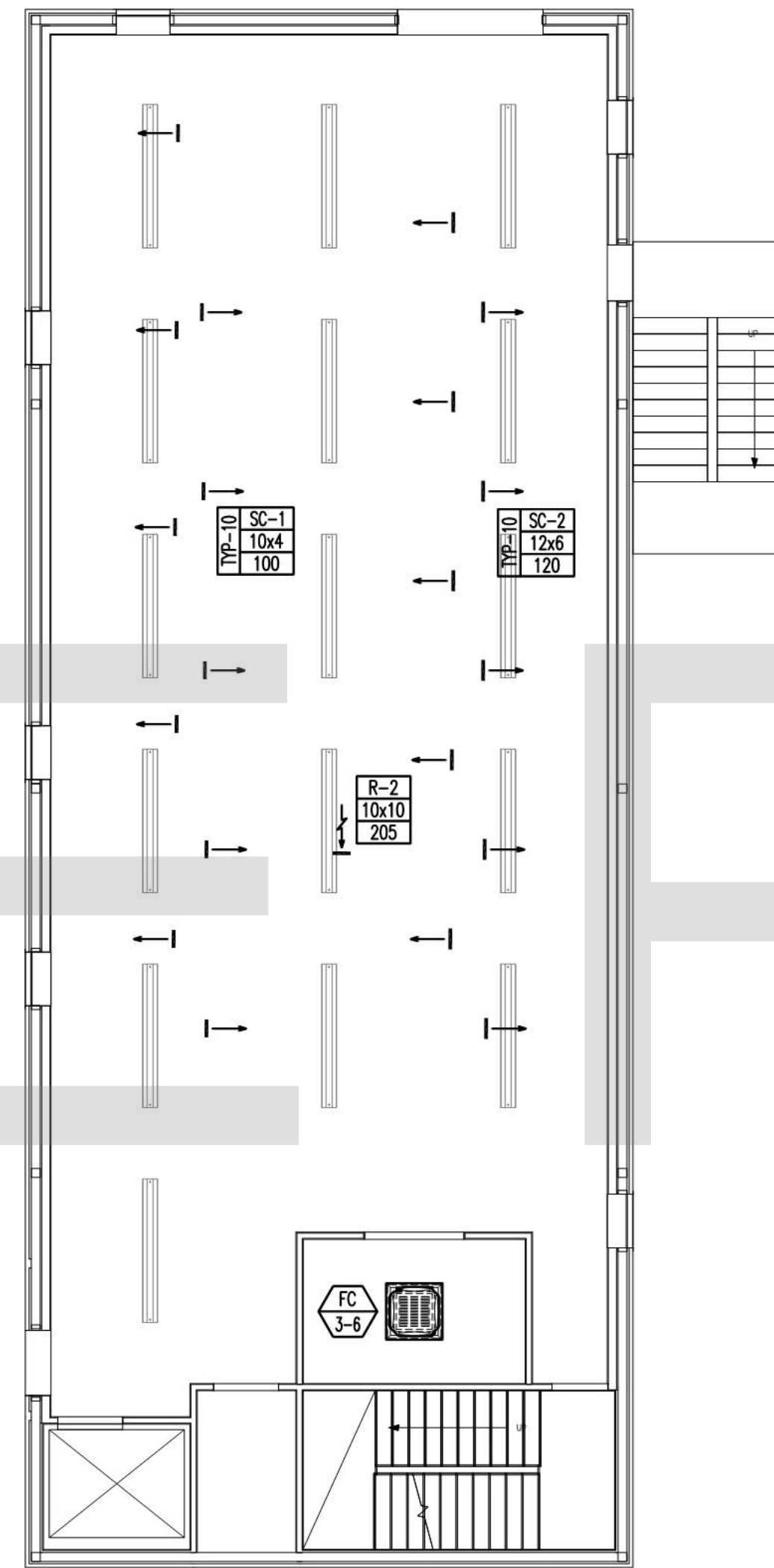
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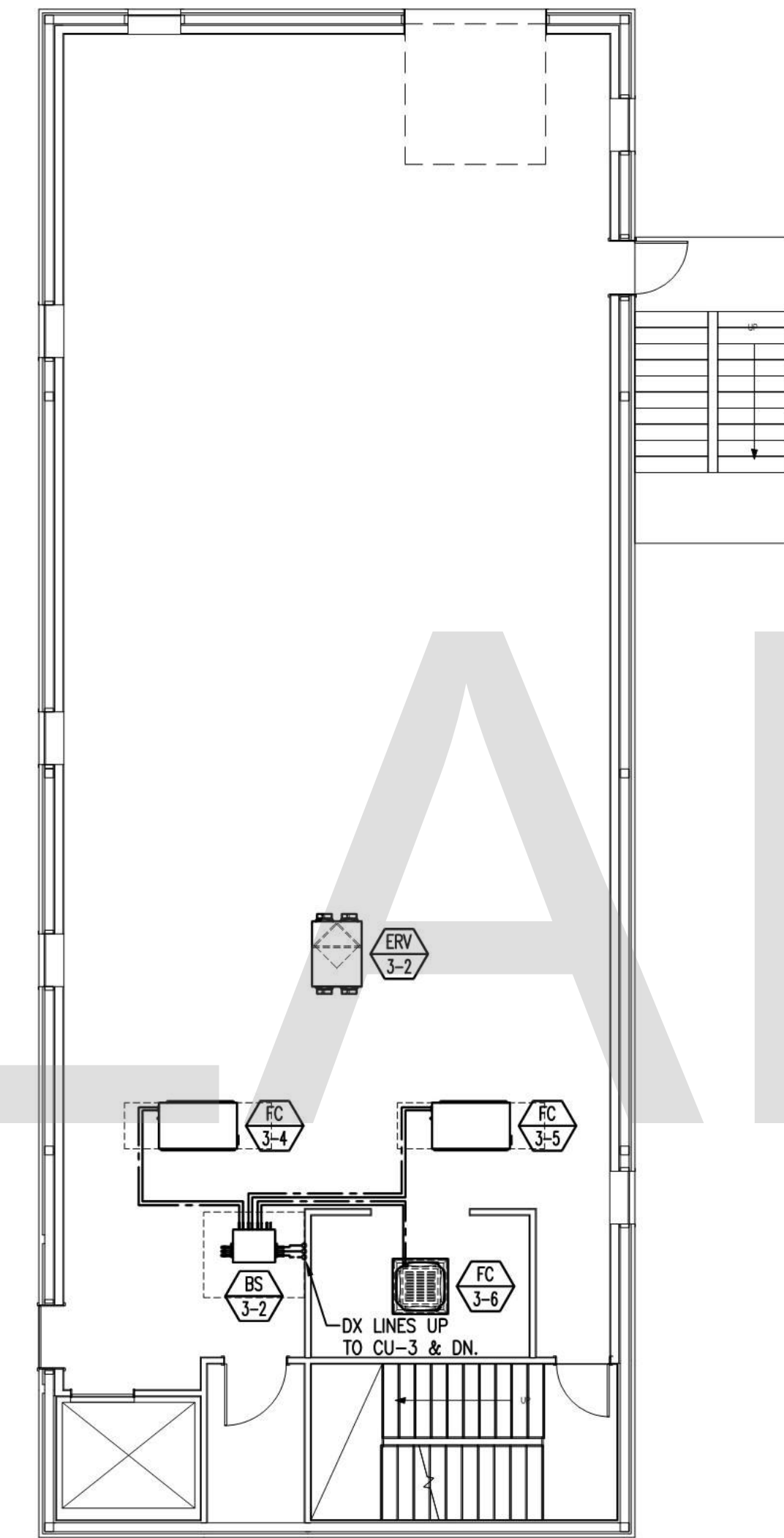
HVAC 2ND FL. ZONING PLAN
SCALE: 1/8" = 1'-0"



HVAC 2ND FL. DUCTWORK PLAN
SCALE: 1/8" = 1'-0"



HVAC 2ND FL. CEILING PLAN
SCALE: 1/8" = 1'-0"



HVAC 2ND FL. PIPING PLAN
SCALE: 1/8" = 1'-0"

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SHEET TITLE:
**SECOND FLOOR
HVAC PLAN**

PROJECT ADDRESS:

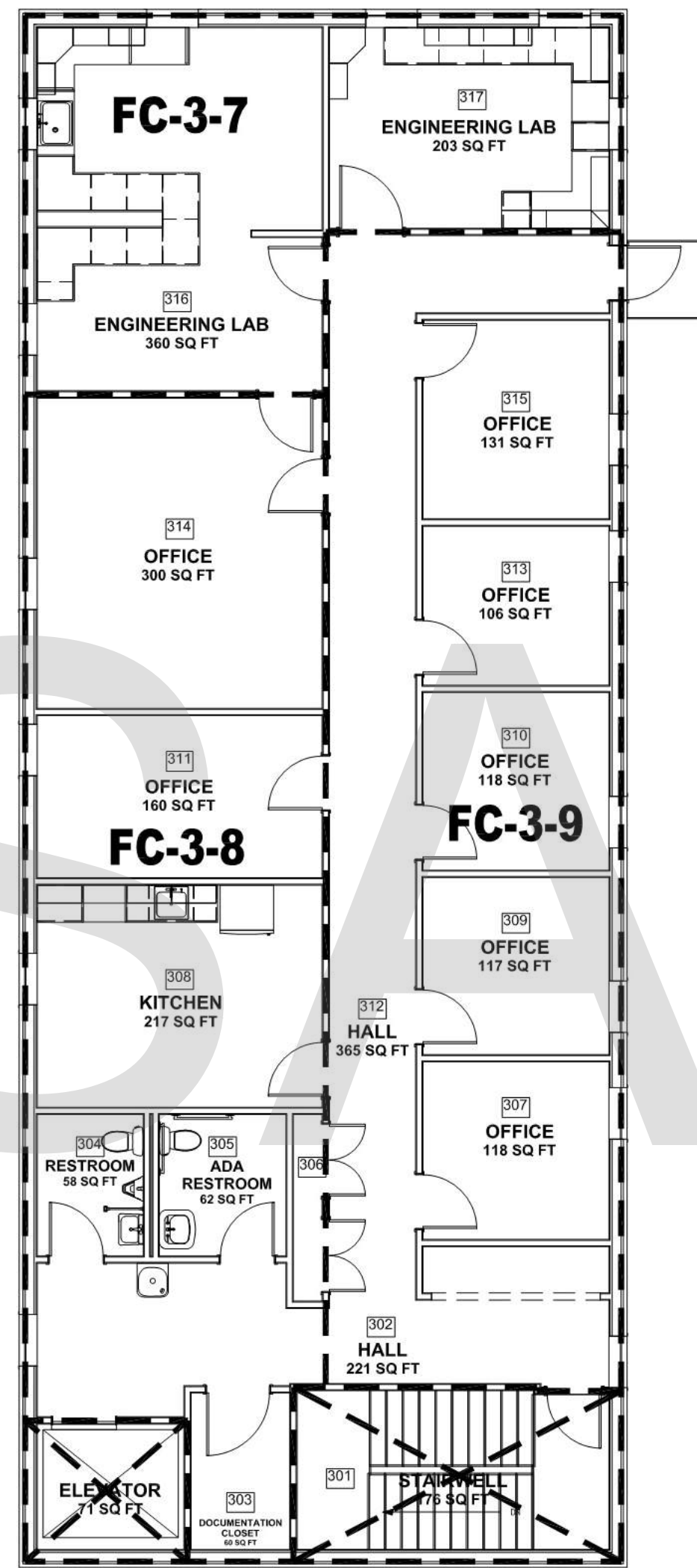
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GMT Home Designs, Inc.
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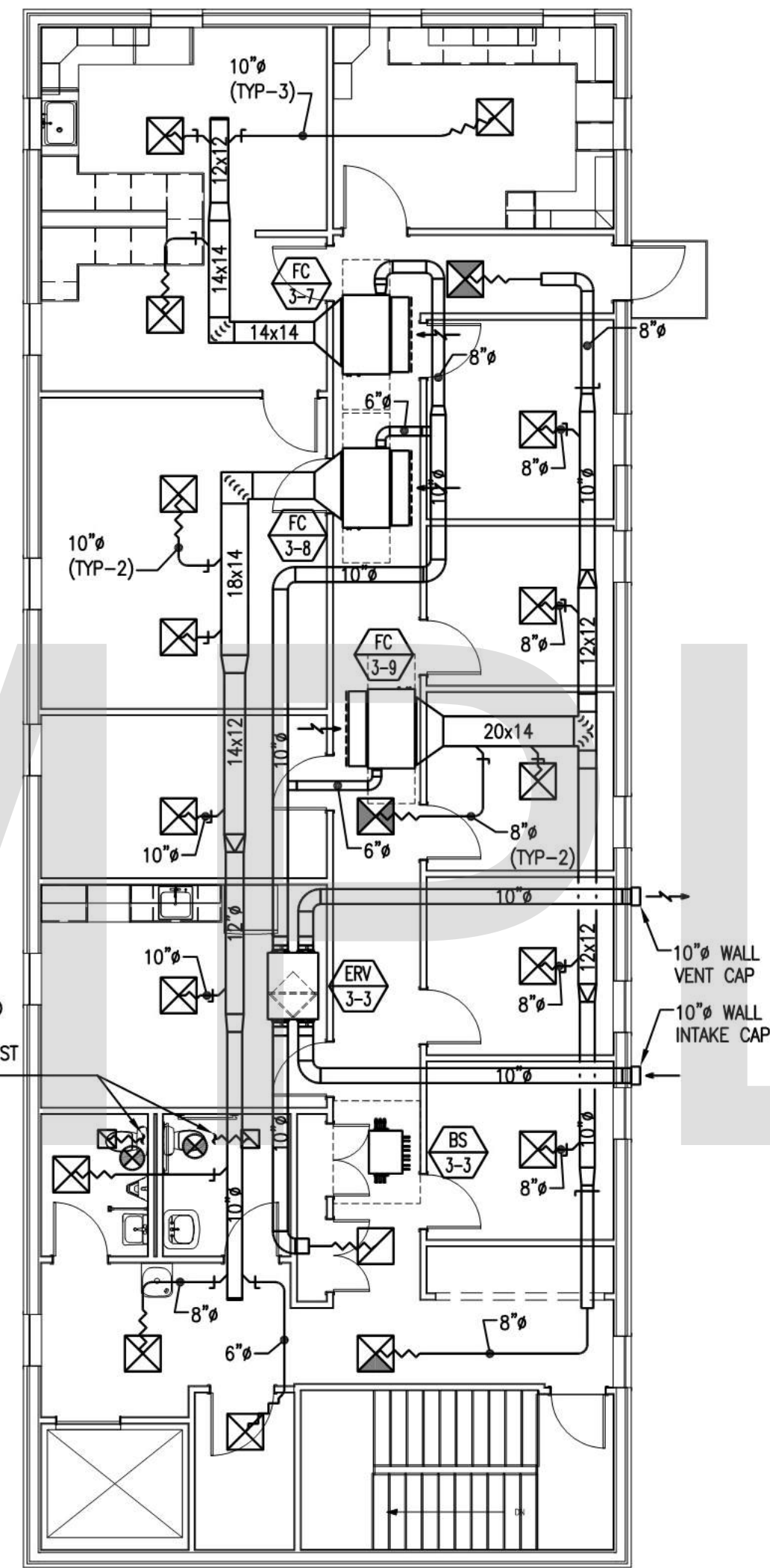
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SHEET: 5 OF 11

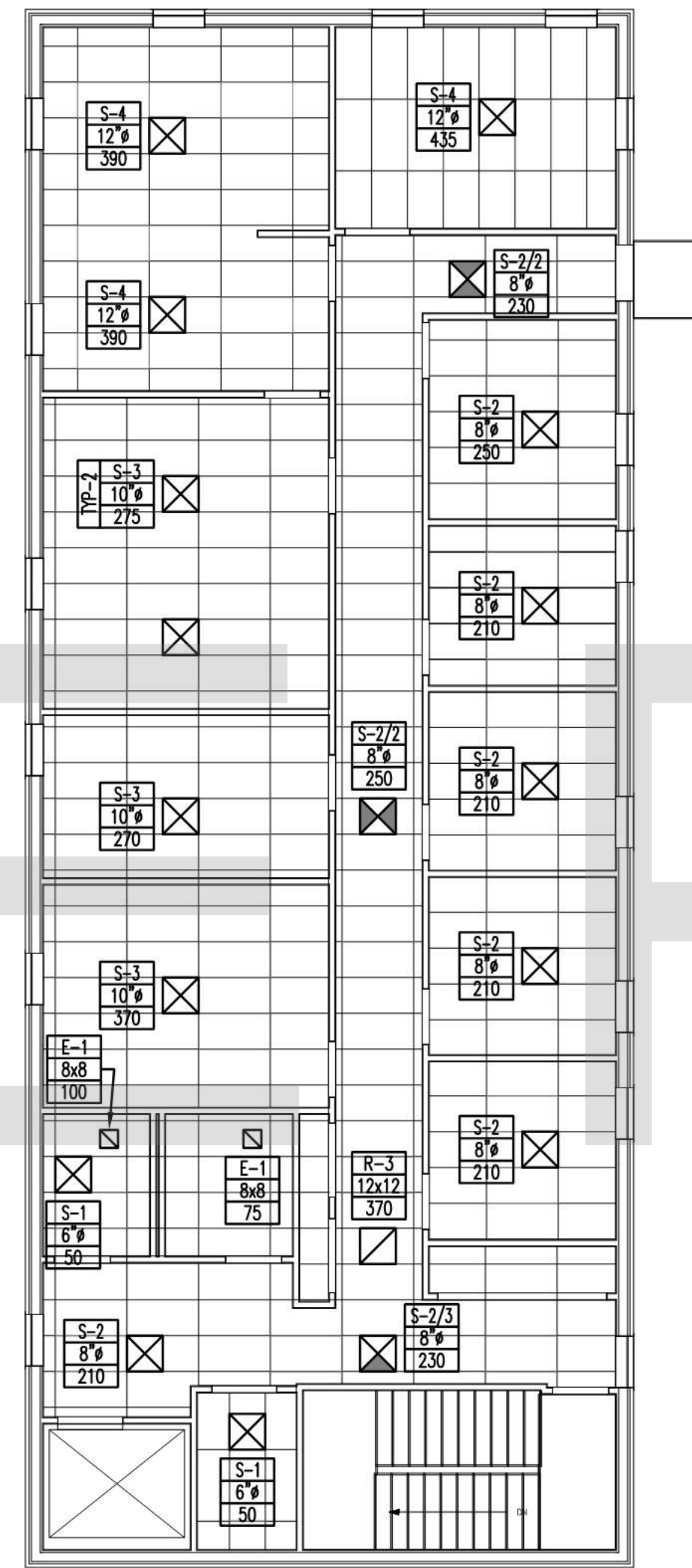
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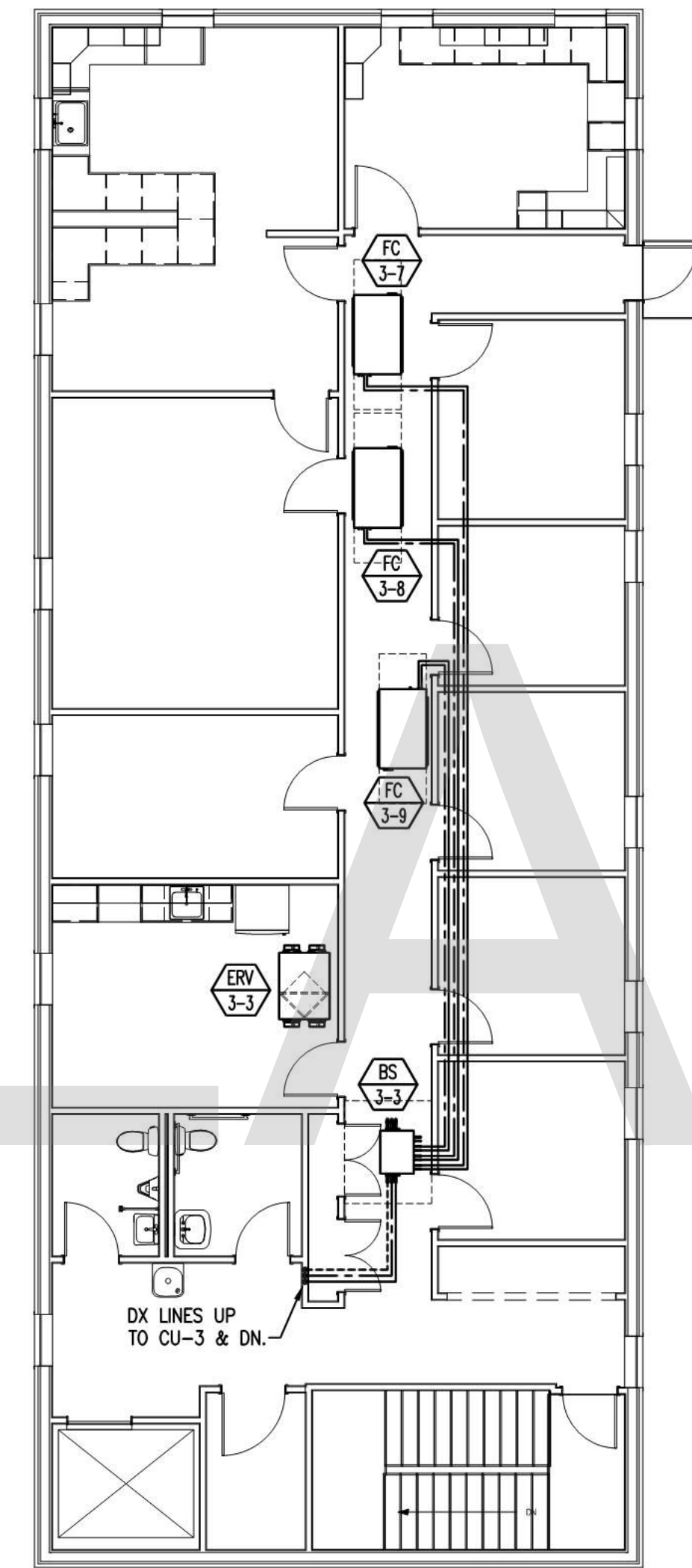
HVAC 3RD FL. ZONING PLAN
SCALE: 1/8" = 1'-0"



HVAC 3RD FL. DUCTWORK PLAN
SCALE: 1/8" = 1'-0"



HVAC 3RD FL. CEILING PLAN
SCALE: 1/8" = 1'-0"



HVAC 3RD FL. PIPING PLAN
SCALE: 1/8" = 1'-0"

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SHEET TITLE:
**THIRD FLOOR
HVAC PLAN**

PROJECT ADDRESS:

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4/26/2019

SHEET: 6 OF 11

H3.0



SAMPLE PLAN

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

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SHEET TITLE:
ROOF PLAN

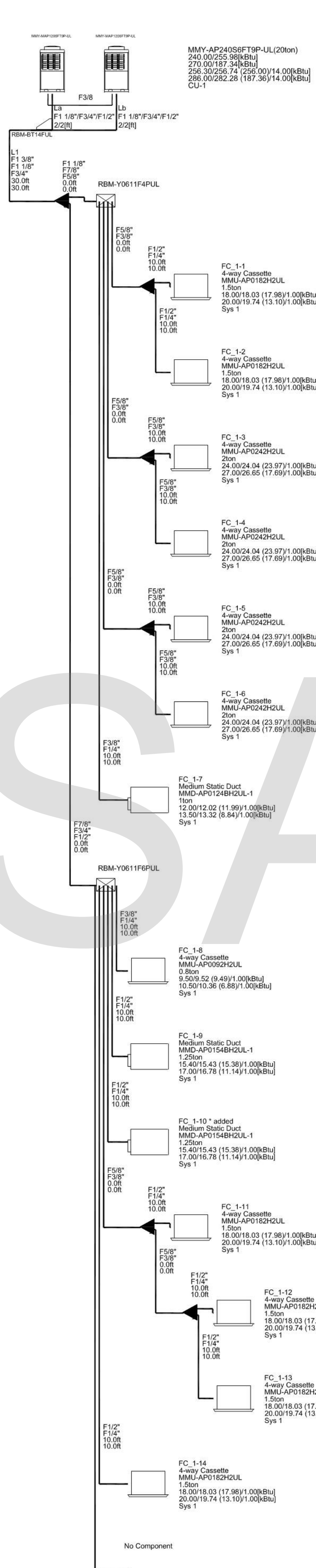
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SHEET: 7 OF 11

H4.0



Outdoor Key Legend

Outdoor Model Name
Outdoor Cooling Rated /Corrected Cap.
Heating Rated /Corrected Cap.
Total Heating Rated/Capability (Corrected)/Required Cap.

Indoor Key Legend

Indoor Unit Name
Type
Model
Capacity Rank
Cooling Rated/Capability (Corrected)/Required Cap.
Heating Rated/Capability (Corrected)/Required Cap.
Floor Name
Room Name

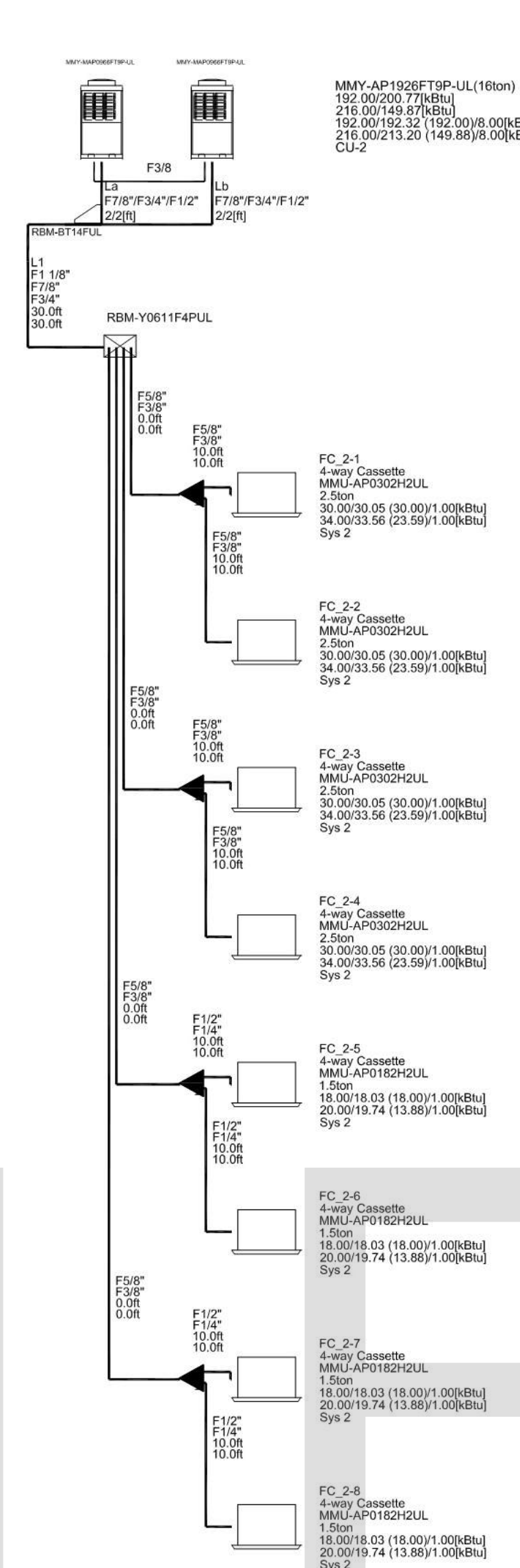
Piping Legend

Gas pipe diameters
Liquid pipe diameters
Actual length
Equivalent Length

Piping Legend (3-pipe)

Suction Gas Pipe diameters
Discharge Gas Pipe diameters
Liquid Pipe diameters
Actual Length
Equivalent Length

◀	RBM-BY55UL
◀	RBM-BY105UL
◀	RBM-BY205UL
◀	RBM-BY305UL
◀	RBM-BY55FUL
◀	RBM-BY105FUL
◀	RBM-BY205FUL
◀	RBM-BY305FUL
◀	RBM-HY1043UL
◀	RBM-HY2043UL
◀	RBM-HY1083UL
◀	RBM-HY2083UL
◀	RBM-HY1043FUL
◀	RBM-HY2043FUL
◀	RBM-HY1083FUL
◀	RBM-HY2083FUL



Outdoor Key Legend

Outdoor Model Name
Outdoor Cooling Rated /Corrected Cap.
Heating Rated /Corrected Cap.
Total Heating Rated/Capability (Corrected)/Required Cap.

Indoor Key Legend

Indoor Unit Name
Type
Model
Capacity Rank
Cooling Rated/Capability (Corrected)/Required Cap.
Heating Rated/Capability (Corrected)/Required Cap.
Floor Name
Room Name

Piping Legend

Gas pipe diameters
Liquid pipe diameters
Actual length
Equivalent length

Piping Legend (3-pipe)

Suction Gas Pipe diameters
Discharge Gas Pipe diameters
Liquid Pipe diameters
Actual Length
Equivalent Length

◀	RBM-BY55UL
◀	RBM-BY105UL
◀	RBM-BY205UL
◀	RBM-BY305UL
◀	RBM-BY55FUL
◀	RBM-BY105FUL
◀	RBM-BY205FUL
◀	RBM-BY305FUL
◀	RBM-HY1043UL
◀	RBM-HY2043UL
◀	RBM-HY1083UL
◀	RBM-HY2083UL
◀	RBM-HY1043FUL
◀	RBM-HY2043FUL
◀	RBM-HY1083FUL
◀	RBM-HY2083FUL

FAN COIL PIPING SCHEMATICS SYSTEM 2
SCALE: N.T.S.

FAN COIL PIPING SCHEMATICS SYSTEM 1
SCALE: N.T.S.

SAMPLE PLAN

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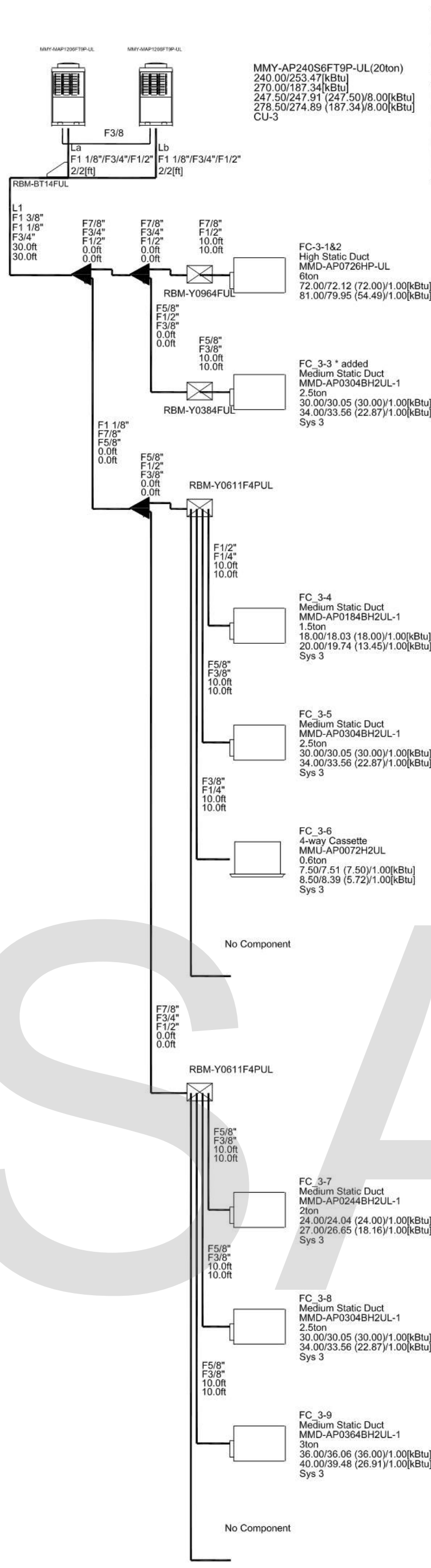
ENGINEER
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SHEET TITLE:
FAN COIL PIPING SCHEMATICS

PROJECT ADDRESS:

DRAWINGS PROVIDED BY:
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SHEET: 8 OF 11
H5.0



Outdoor Unit Legend

Outdoor Model Name	240 00253 478(kBtu)
Outdoor Cooling Rated/Corrected Cap.	270.00191 (348kBtu)
Heating Rated/Corrected Cap.	247.50247 91 (247.5018 00kBtu)
Indoor Cooling Rated/Capability (Corrected)/Required Cap.	278.50274 59 (181.3418 00kBtu)
Total Heating Rated/Capability (Corrected)/Required Cap.	

Indoor Unit Legend

Indoor Unit Name	
Type	
Capacity Rank	
Cooling Rated/Capability (Corrected)/Required Cap.	
Heating Rated/Capability (Corrected)/Required Cap.	
Floor Name	
Room Name	

Piping Legend (2-pipe)

Gas pipe diameters	
Liquid pipe diameters	
Actual length	
Equivalent length	

Piping Legend (3-pipe)

Suction Gas Pipe diameters	
Discharge Gas Pipe diameters	
Liquid Pipe diameters	
Actual Length	
Equivalent Length	

◀	RBM-BY55UL
◀	RBM-BY105UL
◀	RBM-BY205UL
◀	RBM-BY305UL
◀	RBM-BY55FUL
◀	RBM-BY105FUL
◀	RBM-BY205FUL
◀	RBM-BY305FUL
◀	RBM-HY1043UL
◀	RBM-HY2043UL
◀	RBM-HY1083UL
◀	RBM-HY2083UL
◀	RBM-HY1043FUL
◀	RBM-HY2043FUL
◀	RBM-HY1083FUL
◀	RBM-HY2083FUL

FAN COIL PIPING SCHEMATICS SYSTEM 3
SCALE: N.T.S.

SAMPLE PLAN

DESIGN BUILD FIRM

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SHEET TITLE:

FAN COIL PIPING SCHEMATICS

PROJECT ADDRESS:

DRAWINGS PROVIDED BY:

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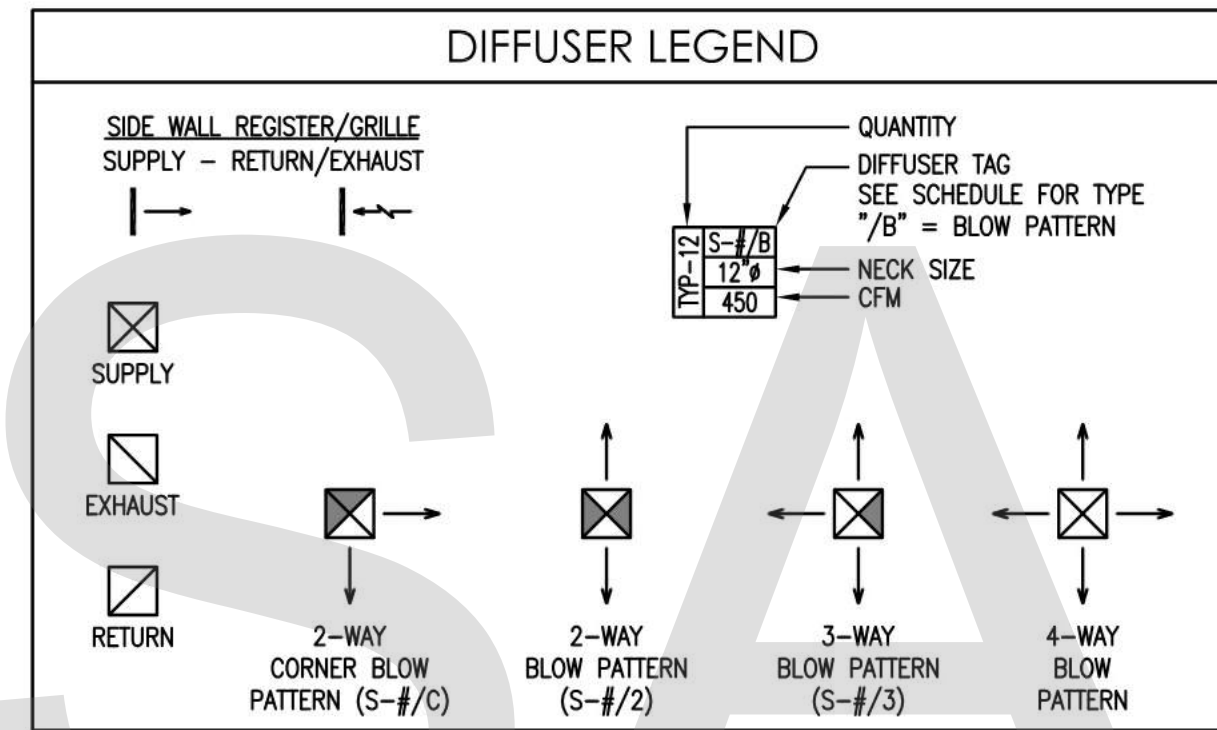
SHEET: 9 OF 11

H5.1

HVAC GENERAL NOTES:

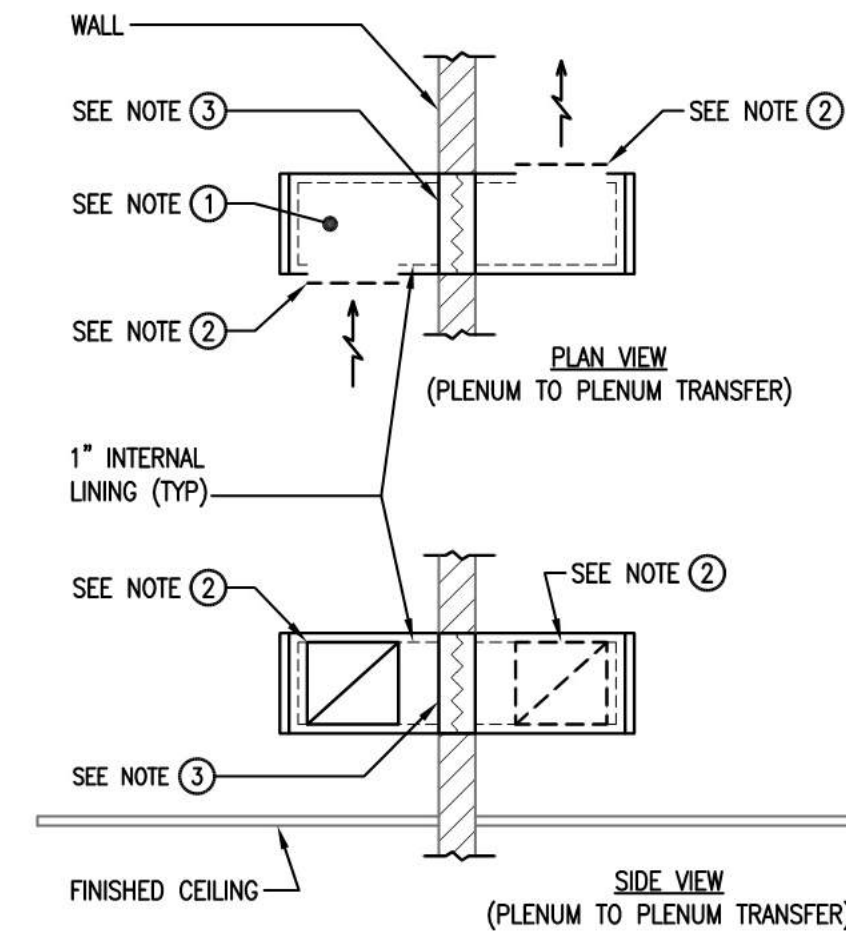
- 1.0 DRAWINGS ARE DIAGRAMMATIC ONLY; FINAL ROUTING OF DUCTWORK, PIPING AND EQUIPMENT LOCATIONS SHALL BE DETERMINED IN THE FIELD. ADDITIONAL OFFSETS, ELBOWS, ETC., SHALL BE PROVIDED AND INSTALLED WITHOUT ADDITIONAL COST TO THE OWNER.
- 2.0 ALL DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF SMACNA STANDARDS.
- 3.0 VOLUME DAMPERS SHALL BE INSTALLED AT ALL LOW PRESSURE SUPPLY, RETURN AND EXHAUST DUCTWORK BRANCH TAKE-OFFS.
- 4.0 THE HVAC CONTRACTOR SHALL COORDINATE ALL ELECTRICAL AND PLUMBING REQUIREMENTS WITH THE ELECTRICAL AND PLUMBING CONTRACTORS.
- 5.0 REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR FINAL LOCATIONS OF DIFFUSERS, REGISTERS AND GRILLES.
- 6.0 SMOKE DETECTORS PROVIDED BY OTHERS, INSTALLED BY SHEETMETAL CONTRACTOR, AND WIRED BY OTHERS.
 - (A.) SMOKE DETECTOR REQUIRED WHEN ANY SINGLE AIR HANDLING SYSTEM AIRFLOW EXCEEDS 2,000 CFM.
 - (B.) SMOKE DETECTOR REQUIRED WHEN THE COMBINED AIRFLOW OF MULTIPLE AIR HANDLING SYSTEMS EXCEEDS 2,000 CFM IN A COMMON PLENUM.
- 7.0 THE AUTOMATIC TEMPERATURE CONTROL (ATC) CONTRACTOR SHALL COORDINATE THERMOSTAT LOCATIONS WITH THE ARCHITECTURAL FURNITURE PLANS. UNLESS OTHERWISE SHOWN, THERMOSTATS SHALL BE INSTALLED 54" ABOVE FINISHED FLOOR (SIDE REACHABLE) AND 48" ABOVE THE FLOOR FOR FORWARD REACHED LOCATIONS WHEN ACCESSED FROM A WHEELCHAIR.
- 8.0 ALL HVAC WORK SHALL BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
- 9.0 ALL HVAC EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- 10.0 FIRE DAMPERS AND ACCESS PANELS SHALL BE INSTALLED AT ALL FIRE RATED ASSEMBLIES AND FLOOR PENETRATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR ASSEMBLY LOCATIONS.
- 11.0 TRANSFER DUCTS IN FIRE RATED PARTITIONS SHALL BE INSTALLED WITH FIRE DAMPERS.
- 12.0 TRANSFER Z-DUCTS SHALL BE INSTALLED IN ALL FULL HEIGHT WALLS AS REQUIRED. REFER TO ARCHITECTURAL DRAWINGS FOR ALL FULL HEIGHT WALL LOCATIONS.
- 13.0 THE HVAC CONTRACTOR SHALL FIELD MEASURE EXACT SIZES AND VERIFY ALL OPENINGS FOR SHAFTS AND LOUVERS PRIOR TO SUBMISSION OF SHOP DRAWINGS AND INSTALLATION.
- 14.0 ALL SUPPLY, RETURN, & EXHAUST/ENERGY RECOVERY AIR DUCTS AND PLENUMS SHALL BE INSULATED WITH A MINIMUM OF "R-8" INSULATION WHERE LOCATED IN UNCONDITIONED SPACES AND WHERE LOCATED OUTSIDE THE BUILDING WITH A MINIMUM OF "R-12" INSULATION. WHERE LOCATED WITHIN A BUILDING ENVELOPE ASSEMBLY, THE DUCT OR PLENUM SHALL BE SEPARATED FROM THE BUILDING EXTERIOR OR UNCONDITIONED OR EXEMPT SPACES BY A MINIMUM OF "R-12" INSULATION.

- EXCEPTIONS:
- (A.) WHERE LOCATED WITHIN EQUIPMENT.
 - (B.) WHERE THE DESIGN TEMPERATURE DIFFERENCE BETWEEN THE INTERIOR AND EXTERIOR OF THE DUCT OR PLENUM IS NOT GREATER THAN 15°F (8°C).
 - (C.) EXHAUST SYSTEMS THAT DO NOT HAVE ENERGY RECOVERY



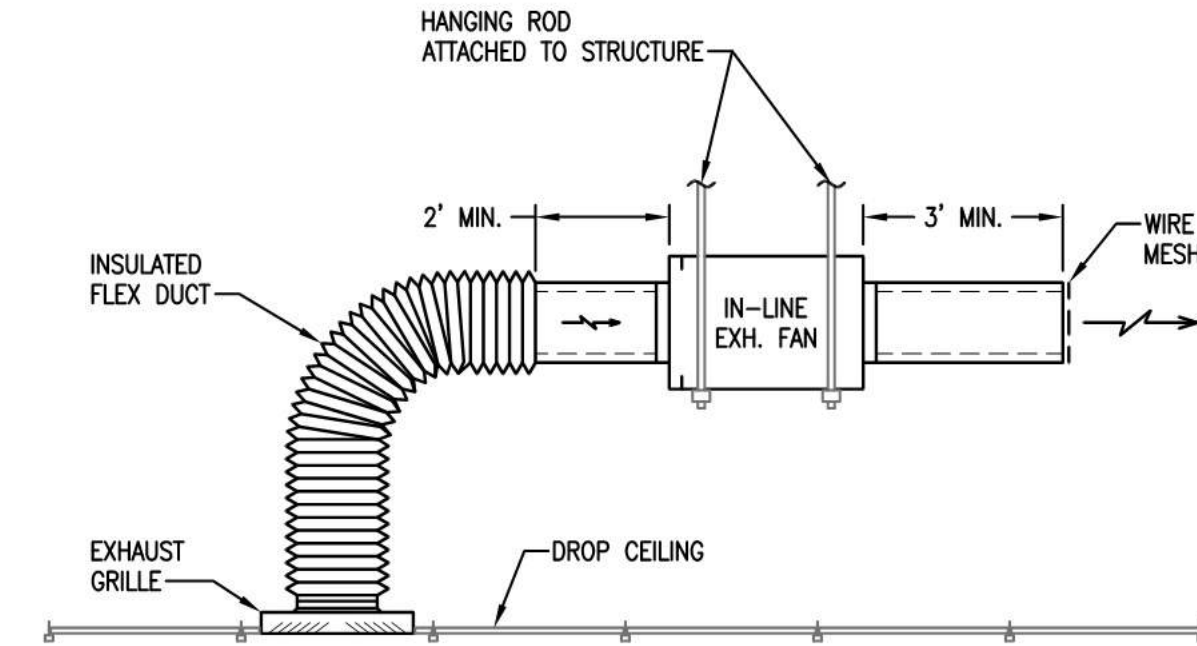
HVAC SYMBOL LEGEND

- Ⓢ - NEW THERMOSTAT
- ⊗ - CONNECT TO EXISTING



TYPICAL DUCT TRANSFER DETAIL
SCALE: N.T.S.

- NOTES:
- ① 14x14 TRANSFER DUCTS TO BE SUPPORTED FROM STRUCTURE ABOVE.
 - ② 12x12 OPENING W/WMS
 - ③ FIRE DAMPER WHERE APPLICABLE
 - ④ INSTALL IN ALL FULL HEIGHT WALLS. (REFER TO ARCH. PLANS FOR ALL FULL HEIGHT WALL LOCATIONS)



IN-LINE CEILING EXHAUST FAN
SCALE: N.T.S.

BRANCH SELECTOR BOX (VRV SYSTEM)

TAG	SERVICE/LOCATION	MFG'R	MODEL	RATED COOLING CAPACITY (MBH)	NO. PORTS	MAX. CAPACITY PER PORT (MBH)	LIQUID PIPE CONN. SIZE (IN.)	GAS PIPE CONN. SIZE (IN.)	ELECTRICAL	OPERATING WEIGHT (LB'S)	NOTE(S)		
									V/Ø	MCA	MOCP		
BS-1-1	SYSTEM 1, 1ST FL./CEILING	TOSHIBA	RBM-Y0611F4PUL	---	4	61	3/8	5/8	208/1 0.7 15.0 90	90	(1), (2), (3)		
BS-1-2	SYSTEM 1, 1ST FL./CEILING	TOSHIBA	RBM-Y0611F8PUL	---	6	61	3/8	5/8	208/1 1.0 15.0 125	125	(1), (2), (3)		
BS-2-1	SYSTEM 2, 1ST FL./CEILING	TOSHIBA	RBM-Y0611F8PUL	---	6	61	3/8	5/8	208/1 1.0 15.0 125	125	(1), (2), (3)		
BS-3-1A	SYSTEM 3, 1ST FL./CEILING	TOSHIBA	RBM-Y0964FUL	---	1	61	1/2	7/8	208/1 1.0 15.0 45	45	(1), (2), (3)		
BS-3-1B	SYSTEM 3, 1ST FL./CEILING	TOSHIBA	RBM-Y0384FUL	---	1	61	3/8	5/8	208/1 1.0 15.0 30	30	(1), (2), (3)		
BS-3-2	SYSTEM 3, 2ND FL./CEILING	TOSHIBA	RBM-Y0611F4PUL	---	4	61	3/8	5/8	208/1 0.7 15.0 90	90	(1), (2), (3)		
BS-3-3	SYSTEM 3, 3RD FL./CEILING	TOSHIBA	RBM-Y0611F4PUL	---	4	61	3/8	5/8	208/1 0.7 15.0 90	90	(1), (2), (3)		

- (1): INDIVIDUAL CONTROL & CHANGEOVER W/EXTENDED RANGE
 (2): UNLIMITED NUMBER OF UNUSED PORTS PER "BS" BOX OR SYSTEM & NO DRAIN PIPING NEEDED
 (3): STANDARD LIMITED WARRANTY (10 YEAR LIMITED PARTS WARRANTY)

FAN COIL HEAT PUMP (VRV SYSTEM)

TAG	SERVICE/LOCATION	MFG'R	MODEL	NOM. TONS	AIRFLOW RATE (HH/H/L) CFM	E.S.P. (W.G.)	COOLING DATA										HEATING DATA				ELECTRICAL			OPERATING WEIGHT (LB'S)	NOTE(S)
							TOTAL MBH	SENS. MBH	EAT °F				INPUT POWER (KW)	MBH	INPUT POWER (KW)	REFGN. TYPE	NO. CIR.	LIQUID PIPE CONN. SIZE (IN.)	SUCTION GAS PIPE CONN. SIZE (IN.)	COND. DRAIN CONN. SIZE (IN.)	V/Ø	MCA	MOCP		
									DB	WB	DB	WB													
FC-1-1	1ST FL., OFFICE CUBICLES/CEILING	TOSHIBA	MMU-AP0182H2UL	1.5	550/480/440	0.2	18.0	12.9	80.0	67.0	55.0	54.0	---	20.0	---	R-410A	1	1/4	1/2	1	208/1	0.8	15.0	50	(1), (2), (3)
FC-1-2	1ST FL., OFFICE CUBICLES/CEILING	TOSHIBA	MMU-AP0182H2UL	1.5	550/480/440	0.2	18.0	12.9	80.0	67.0	55.0	54.0	---	20.0	---	R-410A	1	1/4	1/2	1	208/1	0.8	15.0	50	(1), (2), (3)
FC-1-3	1ST FL., OFFICE CUBICLES/CEILING	TOSHIBA	MMU-AP0242H2UL	2.0	550/480/440	0.2	24.0	16.6	80.0	67.0	55.0	54.0	---	27.0	---	R-410A	1	3/8	5/8	1	208/1	1.0	15.0	55	(1), (2), (3)
FC-1-4	1ST FL., OFFICE CUBICLES/CEILING	TOSHIBA	MMU-AP0242H2UL	2.0	550/480/440	0.2	24.0	16.6	80.0	67.0	55.0	54.0	---	27.0	---	R-410A	1	3/8	5/8	1	208/1	1.0	15.0	55	(1), (2), (3)
FC-1-5	1ST FL., OFFICE CUBICLES/CEILING	TOSHIBA	MMU-AP0242H2UL	2.0	550/480/440	0.2	24.0	16.6	80.0	67.0	55.0	54.0	---	27.0	---	R-410A	1	3/8	5/8	1	208/1	1.0	15.0	55	(1), (2), (3)
FC-1-6	1ST FL., OFFICE CUBICLES/CEILING	TOSHIBA	MMU-AP0242H2UL	2.0	550/480/440	0.2	24.0	16.6	80.0	67.0	55.0	54.0	---	27.0	---	R-410A	1	3/8	5/8	1	208/1	1.0	15.0	55	(1), (2), (3)
FC-1-7	1ST FL., INT. OFFICES/CEILING	TOSHIBA	MMD-AP0124B2UL-1	1.0	304/258/220	0.2	12.0	8.2	80.0	67.0	55.0	54.0	---	13.5	---	R-410A	1	1/4	3/8	1	208/1	1.0	15.0	80	(1), (2), (3)
FC-1-8	1ST FL., HR. OFFICE/CEILING	TOSHIBA	MMU-AP0092H2UL	0.75	470/430/400	0.2	9.5	7.1	80.0	67.0	55.0	54.0	---	10.5	---	R-410A	1	1/4	3/8	1	208/1	0.8	15.0	50	(1), (2), (3)
FC-1-9	1ST FL., SMALL MEETING RM./CEILING	TOSHIBA	MMD-AP0154B2UL-1	1.25	556/465/394	0.2	15.4	12.6	80.0	67.0	55.0	54.0	---	17.0	---	R-410A	1	1/4	1/2	1	208/1	1.2	15.0	100	(1), (2), (3)
FC-1-10	1ST FL., RESTROOMS/CEILING	TOSHIBA	MMD-AP0154B2UL-1	1.25	556/465/394	0.2	15.4	12.6	80.0	67.0	55.0	54.0	---	17.0	---	R-410A	1	1/4	1/2	1	208/1	1.2	15.0	100	(1), (2), (3)
FC-1-11	1ST FL., BREAK ROOM/CEILING	TOSHIBA	MMU-AP0182H2UL	1.5	550/480/440	0.2	18.0	12.9	80.0	67.0	55.0	54.0	---	20.0	---	R-410A	1	1/4	1/2	1	208/1	0.8	15.0	50	(1), (2), (3)
FC-1-12	1ST FL., BREAK ROOM/CEILING	TOSHIBA	MMU-AP0182H2UL	1.5	550/480/440	0.2	18.0	12.9	80.0	67.0	55.0	54.0	---	20.0	---	R-410A	1	1/4	1/2	1	208/1	0.8	15.0	50	(1), (2), (3)
FC-1-13	1ST FL., BREAK ROOM/CEILING	TOSHIBA	MMU-AP0182H2UL	1.5	550/480/440	0.2	18.0	12.9	80.0	67.0	55.0	54.0	---	20.0	---	R-410A	1	1/4	1/2	1	208/1	0.8	15.0	50	(1), (2), (3)
FC-1-14	1ST FL., CONFERENCE ROOM/CEILING	TOSHIBA	MMU-AP0182H2UL	1.5	550/480/440	0.2	18.0	12.9	80.0	67.0	55.0	54.0	---	20.0	---	R-410A	1	1/4	1/2	1	208/1	0.8	15.0	50	(1), (2), (3)
FC-2-1	1ST FL., ASSEM. WORK AREA/CEILING	TOSHIBA	MMU-AP0302H2UL	2.5	730/630/510	0.2	30.0	20.7	80.0	67.0	55.0	54.0	---	34.0	---	R-410A	1	3/8	5/8	1	208/1	1.0	15.0	55	(1), (2), (3)
FC-2-2	1ST FL., ASSEM. WORK AREA/CEILING	TOSHIBA	MMU-AP0302H2UL	2.5	730/630/510	0.2	30.0	20.7	80.0	67.0	55.0	54.0	---	34.0	---	R-410A	1	3/8	5/8	1	208/1	1.0	15.0	55	(1), (2), (3)
FC-2-3	1ST FL., ASSEM. WORK AREA/CEILING	TOSHIBA	MMU-AP0302H2UL	2.5	730/630/510	0.2	30.0	20.7	80.0	67.0	55.0	54.0	---	34.0	---	R-410A	1	3/8	5/8	1	208/1	1.0	15.0	55	(1), (2), (3)
FC-2-4	1ST FL., ASSEM. WORK AREA/CEILING	TOSHIBA	MMU-AP0302H2UL	2.5	730/630/510	0.2	30.0	20.7	80.0	67.0	55.0	54.0	---	34.0	---	R-410A	1	3/8	5/8	1	208/1	1.0	15.0	55	(1), (2), (3)
FC-2-5	1ST FL., AUTOMATED ASSEM./CEILING	TOSHIBA	MMU-AP0182H2UL	1.5	550/480/440	0.2	18.0	12.9	80.0	67.0	55.0	54.0	---	20.0	---	R-410A	1	1/4	1/2	1	208/1	0.8	15.0	50	(1), (2), (3)
FC-2-6	1ST FL., AUTOMATED ASSEM./CEILING	TOSHIBA	MMU-AP0182H2UL	1.5	550/480/440	0.2	18.0	12.9	80.0	67.0	55.0	54.0	---	20.0	---	R-410A	1	1/4	1/2	1	208/1	0.8	15.0	50	(1), (2), (3)
FC-2-7	1ST FL., STAGING-INVENTORY/CEILING	TOSHIBA	MMU-AP0182H2UL	1.5	550/480/440	0.2	18.0	12.9	80.0	67.0	55.0	54.0	---	20.0	---	R-410A	1	1/4	1/2	1	208/1	0.8	15.0	50	(1), (2), (3)
FC-2-8	1ST FL., STAGING-INVENTORY/CEILING	TOSHIBA	MMU-AP0182H2UL	1.5	550/480/440	0.2	18.0	12.9	80.0	67.0	55.0	54.0	---	20.0	---	R-410A	1	1/4	1/2	1	208/1	0.8	15.0	50	(1), (2), (3)
FC-3-1	1ST FL., MACHINE SHOP/CEILING	TOSHIBA	MMD-AP0726HP-UL	6.0	1,883/1,471	0.2	72.0	---	80.0	67.0	55.0	54.0	---	81.0	---	R-410A	1	1/2	7/8	1	208/1	5.7	15.0	225	(1), (2), (3)
FC-3-2	1ST FL., EXT. OFFICE, STORAGE/CEILING	TOSHIBA	MMD-AP0304B2UL-1	2.5	694/555/475	0.2	30.0	19.8	80.0	67.0	55.0	54.0	---	34.0	---	R-410A	1	3/8	5/8	1	208/1	1.8	15.0	125	(1), (2), (3)
FC-3-3	2ND FL., WAREHOUSE/CEILING	TOSHIBA	MMD-AP0184B2UL-1	1.5	556/465/394	0.2	18.0	13.6	80.0	67.0	55.0	54.0	---	20.0	---	R-410A	1	1/4	1/2	1	208/1	0.9	15.0	100	(1), (2), (3)
FC-3-4	2ND FL., WAREHOUSE/CEILING	TOSHIBA	MMD-AP0304B2UL-1	2.5	694/555/475	0.2	30.0	19.8	80.0	67.0	55.0	54.0	---	34.0	---	R-410A	1	3/8	5/8	1	208/1	1.8	15.0	125	(1), (2), (3)
FC-3-5	2ND FL., INT. OFFICE/CEILING	TOSHIBA	MMU-AP0072H2UL	0.75	470/430/400	0.2	7.5	5.8	80.0	67.0	55.0	54.0	---	8.5	---	R-410A	1	1/4	3/8	1	208/1	0.8	15.0	45	(1), (2), (3)
FC-3-6	3RD FL., EXT. OFFICES, KITCH/CEILING	TOSHIBA	MMD-AP0244B2UL-1	2.0	694/555/475	0.2	24.0	17.3	80.0	67.0	55.0	54.0	---	27.0	---	R-410A	1	3/8	5/8	1	208/1	1.8	15.0	125	(1), (2), (3)
FC-3-7	3RD FL., EXT. OFFICES, KITCH/CEILING	TOSHIBA	MMD-AP0304B2UL-1	2.5	694/555/475	0.2	30.0	19.8	80.0	67.0	55.0	54.0	---	34.0	---	R-410A	1	3/8	5/8	1	208/1	1.8	15.0	125	(1), (2), (3)
FC-3-8	3RD FL., EXT. OFFICES/CEILING	TOSHIBA	MMD-AP0364B2UL-1	3.0	1,000/890/765	0.2	36.0	27.4	80.0	67.0	55.0	54.0	---	40.0	---	R-410A	1	3/8	5/8	1	208/1	2.3	15.0	125	(1), (2), (3)

- (1): PROVIDE WITH MERV 13 FILTERS & INTEGRAL CONDENSATE PUMP
 (2): STANDARD LIMITED WARRANTY (10 YEAR LIMITED PARTS WARRANTY)
 (3): TAG NUMBER DESIGNATION: FC - FLOOR #/AREA SERVED - FAN COIL #
 (4): TAG NUMBER NOT UTILIZED

AIR COOLED CONDENSING UNITS W/HEAT RECOVERY (VRV SYSTEM)

TAG	SERVICE/LOCATION	MFG'R	MODEL	NOM. TONS	COOLING CAPACITY/DATA				HEATING CAPACITY/DATA				NO. CIRCUITS	REFGN. TYPE	LIQUID PIPE CONN. SIZE (IN.)	SUCTION GAS PIPE CONN. SIZE (IN.)	HIGH/LOW PRESSURE CONN. SIZE (IN.)	MAX. PIPE LENGTHS VERTICAL (FT.)	MAX. PIPE LENGTHS TOTAL (FT.)	MAX. NO. OF INDOOR UNITS	ELECTRICAL			OPERATING WEIGHT (LB'S)	NOTE(S)
					NOM. MBH	RATED MBH	ARI EER		OPERATION RANGE (°F DB)	NOM. MBH	RATED MBH	AHRU COP													

SAMPLE

ELECTRIC WALL HEATER

TAG	SERVICE/LOCATION	MFG'R	GRAINGER ITEM NO.	MFG'R MODEL	HEAT MBH	HEAT KW	ELECTRICAL		OPERATING WEIGHT (LB'S)	NOTE(S)
							V/Ø	AMPS		
EWH-1-1	VESTIBULE/WALL	DAYTON	5E185	5E185D	13.7	4.0	208/1	16.7	25	(1)

(1): PROVIDED WITH BUILT IN THERMOSTAT
(2): TAMPER RESISTANT

ELECTRIC UNIT HEATER

TAG	SERVICE/LOCATION	MFG'R	GRAINGER ITEM NO.	MFG'R MODEL	CFM	HEAT MBH	HEAT KW	ELECTRICAL		OPERATING WEIGHT (LB'S)	NOTE(S)
								V/Ø	AMPS		
EUH-1-1	LOADING DOCK/SPACE	DAYTON	2YU63	2YU63	350	17.0	5.0	460/3	6.0	25	(1), (2)

(1): PROVIDE WITH UNIT MOUNT THERMOSTAT & DISCONNECT SWITCH
(2): PROVIDE WITH HORIZONTAL HANGING BRACKET

REGISTERS, GRILLES, AND DIFFUSERS

TAG	MFG'R	MODEL	CFM RANGE	NECK SIZE (IN)	CORE/OPENING SIZE (IN)	MOUNTING	DESCRIPTION	NOTE(S)
S-1	TITUS	TDC	0-110	6"Ø	9x9	T-BAR, LAY-IN	2'x2' LOUVERED SUPPLY DIFFUSER	(1), (2)
S-2	TITUS	TDC	115-250	8"Ø	12x12	T-BAR, LAY-IN	2'x2' LOUVERED SUPPLY DIFFUSER	(1), (2)
S-3	TITUS	TDC	255-375	10"Ø	12x12	T-BAR, LAY-IN	2'x2' LOUVERED SUPPLY DIFFUSER	(1), (2)
S-4	TITUS	TDC	380-500	12"Ø	15x15	T-BAR, LAY-IN	2'x2' LOUVERED SUPPLY DIFFUSER	(1), (2)
SC-1	TITUS	S300FS	0-100	10x4	N/A	SURFACE MOUNT (DUCT)	CURVED SUP. REG. - DOUBLE DEFLECTION W/ 3/4" BLADE SPACING (8"Ø DUCT MIN.)	(1), (2), (3)
SC-2	TITUS	S300FS	105-200	12x6	N/A	SURFACE MOUNT (DUCT)	CURVED SUP. REG. - DOUBLE DEFLECTION W/ 3/4" BLADE SPACING (10"Ø DUCT MIN.)	(1), (2), (3)
SC-3	TITUS	S300FS	205-315	14x8	N/A	SURFACE MOUNT (DUCT)	CURVED SUP. REG. - DOUBLE DEFLECTION W/ 3/4" BLADE SPACING (12"Ø DUCT MIN.)	(1), (2), (3)
R-1	TITUS	350RL	0-200	8x8	N/A	SURFACE MOUNT (CEILING OR WALL)	RET. GRILLE - 35' FIXED DEFLECTION W/ 3/4" BLADE SPACING	(1)
R-2	TITUS	350RL	205-300	10x10	N/A	SURFACE MOUNT (CEILING OR WALL)	RET. GRILLE - 35' FIXED DEFLECTION W/ 3/4" BLADE SPACING	(1)
R-3	TITUS	350RL	305-450	12x12	N/A	T-BAR PANEL MOUNT	2'x2' RET. GRILLE - 35' FIXED DEFLECTION W/ 3/4" BLADE SPACING	(1)
E-1	TITUS	350FL	0-200	8x8	N/A	SURFACE MOUNT (CEILING OR WALL)	EXH. GRILLE - 35' FIXED DEFLECTION W/ 3/4" BLADE SPACING	(1), (4)

(1): DAMPER IN BRANCH
(2): VERIFY DIFFUSER BLOW PATTERNS WITH CEILING DIFFUSER TAGS
(3): PROVIDE WITH OPPOSED BLADE DAMPER
(4): ALUMINUM

FANS

TAG	SERVICE/LOCATION	MFG'R	MODEL	FAN TYPE / STYLE	FAN DISCHARGE	CFM	E.S.P. (W.G.)	FAN MOTOR				V/Ø	VFD	BACKUP POWER	OPERATING WEIGHT (LB'S)	NOTE(S)
								RPM	BHP	HP	DRIVE TYPE					
CEF-1	RESTROOMS/CEILING	BROAN	L150L	EXHAUST / IN-LINE	N/A	150	0.1	920	--	--	DIRECT	120/1	NO	NO	--	(1)

(1): OPERATE OFF LIGHTSWITCH

ENERGY RECOVERY VENTILATOR

TAG	SERVICE/LOCATION	MFG'R	MODEL	SUPPLY AIR DATA				EXHAUST AIR DATA				ELECTRICAL			OPERATING WEIGHT (LB'S)	NOTE(S)		
				CFM	E.S.P. (N. W.G.)	T.S.P. (N. W.G.)	FAN RPM	MOTOR HP	CFM	E.S.P. (N. W.G.)	T.S.P. (N. W.G.)	FAN RPM	MOTOR HP	V/Ø			MCA	MOCP
ERV-1-1	SYSTEM 1, 1ST FL./CEILING	RENEWAIR	HE1XINH	570	1.25	--	--	0.5	570	1.25	--	--	0.75	120/1	20.3	25.0	350	(1), (2)
ERV-1-2	SYSTEM 1, 1ST FL./CEILING	RENEWAIR	HE1XINH	455	1.5	--	--	0.5	455	1.5	--	--	0.75	120/1	20.3	25.0	350	(1), (2)
ERV-2-1	SYSTEM 2, 1ST FL./CEILING	RENEWAIR	EV450IN	330	0.9	--	--	0.5	330	0.9	--	--	0.6	120/1	9.0	15.0	275	(1), (2)
ERV-2-2	SYSTEM 2, 1ST FL./CEILING	RENEWAIR	HE1XINH	700	0.9	--	--	0.5	700	0.9	--	--	0.75	120/1	20.3	25.0	350	(1), (2)
ERV-3-1	SYSTEM 3, 1ST FL./CEILING	RENEWAIR	EV450IN	220	1.25	--	--	0.5	220	1.25	--	--	0.6	120/1	9.0	15.0	275	(1), (2)
ERV-3-2	SYSTEM 3, 2ND FL./CEILING	RENEWAIR	EV450IN	205	1.25	--	--	0.5	205	1.25	--	--	0.6	120/1	9.0	15.0	275	(1), (2)
ERV-3-3	SYSTEM 3, 3RD FL./CEILING	RENEWAIR	EV450IN	370	0.9	--	--	0.5	370	0.9	--	--	0.6	120/1	9.0	15.0	275	(1), (2)

(1): PROVIDE WITH ENERGY RECOVERY CASSETTE W/DESICCANT WHEEL, TWO (2) DIRECT DRIVE BLOWER & BALL BEARING MOTORS, CORROSION RESISTANT FASTENERS, HOUSING LINED W/0.5" INSULATION, 1" PLEATED FILTERS (30% EFFICIENT), & SINGLE POINT WIRING
(2): PROVIDE WITH FROST CONTROL (TIMED EXH. PANEL NON UL LISTED), SOLID STATE SPEED CONTROLLERS (SHIPPED LOOSE), & NEOPRENE VIBRATION ISOLATION KIT (HANG MOUNTING)

J.M. Bryson
Construction Management
P.O. Box 329
North Attleboro, MA 02761
(508) 855-6401
jmbryson.com

J.M. BRYSON
CONSTRUCTION MANAGEMENT
...A Design Build Company

ESD
Environmental Systems, Inc.
Robert Kelley, PE
(508) 226-6006

HVAC DETAILS
& SCHEDULES

SHEET TITLE:

PROJECT ADDRESS:

GMT Home Designs, Inc.
60 Pleasant Street
Suite 10C
Ashland, MA 01721
(508) 881-7992
gthomedesigns.com

GMT
HOME DESIGNS
Architects & Designers

REV. DATE:

4/26/2019

SHEET: 11 OF 11

H6.1

SPECIAL NOTE: RECOMMEND A WALK-THRU AFTER ROUGH FRAMING IS COMPLETE TO DETERMINE FINAL LOCATION OF OUTLETS, SWITCHES, AND LIGHTS WITH OWNERS, GENERAL CONTRACTOR REP AND ELECTRICIAN.

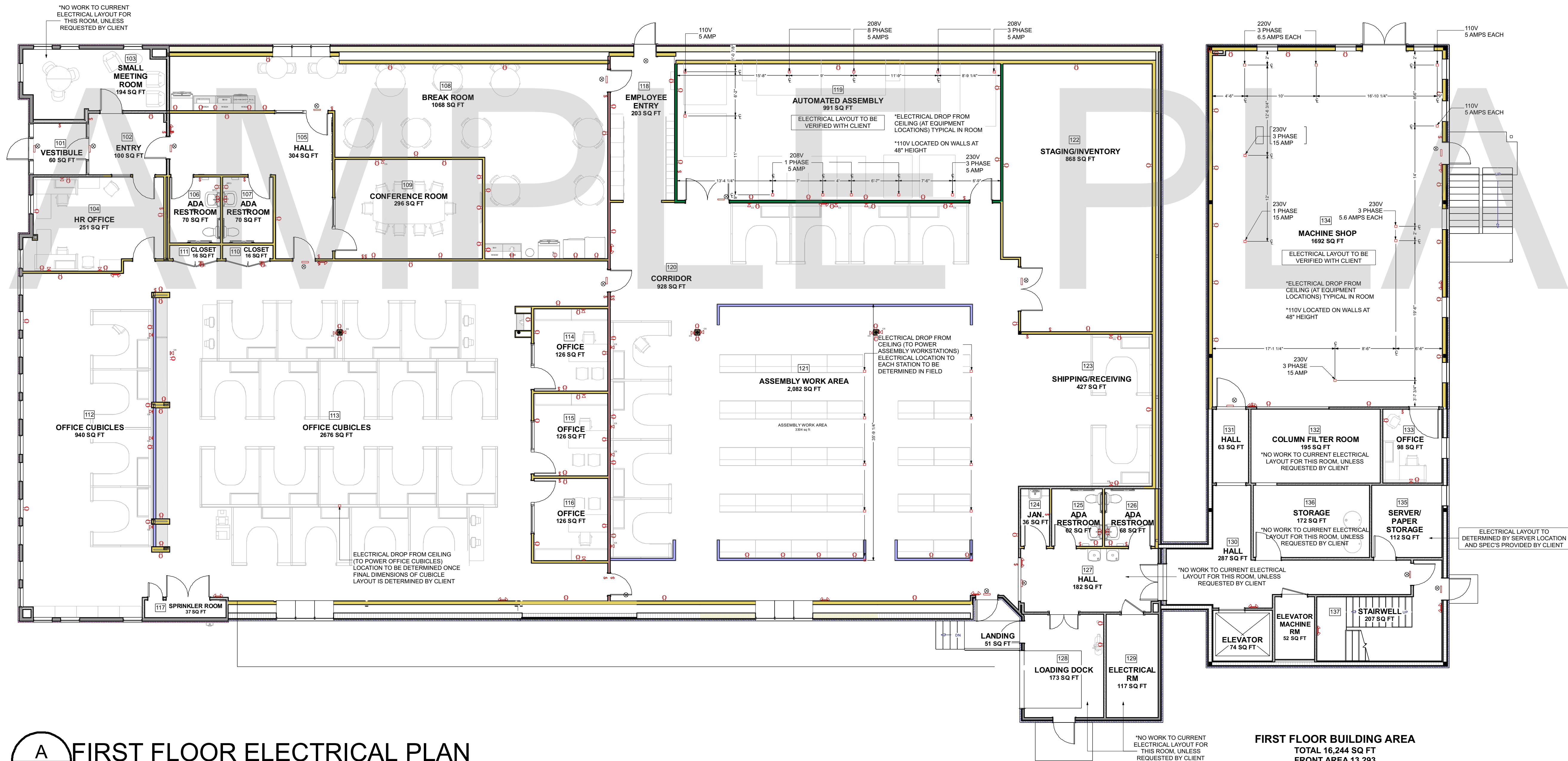
APPLICABLE CODES

ELECTRICAL CODE: SBC-5-2011 RHODE ISLAND STATE ELECTRICAL CODE
INCORPORATES 2014 NATIONAL ELECTRICAL CODE

WALL LEGEND:

- EXISTING EXTERIOR DRIVIT WALL
- EXISTING EXTERIOR WALL WITH NEW 6" 20 GA. METAL STUDS AT 16" O.C. TO 10' MAX. HT. WITH 5/8" GYP. BOARD, SECURE BOARD TO STUDS WITH DRYWALL SCREWS AT 10" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. 45 DEGREE METAL STUD REINFORCEMENT @ 48" O.C. ABOVE CEILING LINE TO STRUCTURE ABOVE. INSTALL 6" BATT INSULATION & VAPOR BARRIER ON INTERIOR SIDE. ALL JOINTS TO BE SEALED.
- EXISTING METAL STUD INTERIOR WALLS TO REMAIN
- NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. TO 10' MAX. HT. WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES. METAL STUD REINFORCEMENT @ 48" O.C. ABOVE CEILING LINE TO STRUCTURE ABOVE
- NEW 1 HOUR RATED FIRE WALL WITH 3 5/8" 20 GA. METAL STUDS AT 16" O.C. TO ROOF STRUCTURE ABOVE WITH 5/8" TYP-X GYP. BOARD BOTH SIDES FULL HEIGHT TO BOTTOM OF ROOF SHEATHING. DRYWALL SCREWS @ 12" O.C., 45 DEGREES.
- NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. TO ROOF STRUCTURE ABOVE WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES. SOUND ATTENUATING INSULATION IN WALL.
- NEW 3 5/8" 20 GA. METAL STUDS AT 16" O.C. PARITAL HEIGHT WALL. SEE PLAN FOR FINISHED HEIGHT, WITH 5/8" GYP. BOARD ON BOTH SIDES. DRYWALL SCREWS @ 12" O.C., 45 DEGREES.

ELECTRICAL - DATA - AUDIO LEGEND	
SYMBOL	DESCRIPTION
	Power drops
	Ventilation Fans: Ceiling Mounted, Wall Mounted
	Ceiling Mounted Light Fixtures: Recessed
	Wall Mounted Light Fixtures: Flush Mounted, Wall Sconce
	Chandelier/Pendant Light Fixture
	LED Light Fixture
	240V Receptacle
	110V Receptacles: Duplex, Weather Proof, GFCI
	Switches: Single Pole, Weather Proof, 3-Way, 4-Way
	Switches: Dimmer, Timer
	Audio Video: Control Panel, Switch
	Speakers: Ceiling Mounted, Wall Mounted
	Wall Jacks: CAT5, CAT5 + TV, TV/Cable
	Telephone Jack
	Intercom
	Thermostat
	Door Chime, Door Bell Button
	Smoke Detectors: Ceiling Mounted, Wall Mounted
	Electrical Breaker Panel



A FIRST FLOOR ELECTRICAL PLAN
E1.1
SCALE: 1/8" = 1'-0"

FIRST FLOOR BUILDING AREA
TOTAL 16,244 SQ FT
FRONT AREA 13,293
REAR AREA 2,951
TOTAL BUILDING AREA
22,146 SQ FT

DESIGN BUILD FIRM
J.M. BRYSON
Construction Management
P.O. Box 329
North Attleboro, MA 02761
(508) 695-6401
...A Design Build Company
jimbryson.com

ENGINEER
Scott Nelson, PE
(978) 866-4249

SHEET TITLE:
FIRST FLOOR ELECTRICAL PLAN

PROJECT ADDRESS:
CLIENT'S NAME
BUSINESS NAME
BUSINESS ADDRESS

DRAWINGS PROVIDED BY:
GMT Home Designs, Inc.
60 Pleasant Street
Suite 10C
Ashland, MA 01721
(508) 881-7992
gimhomedesigns.com

REV. DATE:

9/19/2019

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E1.1




















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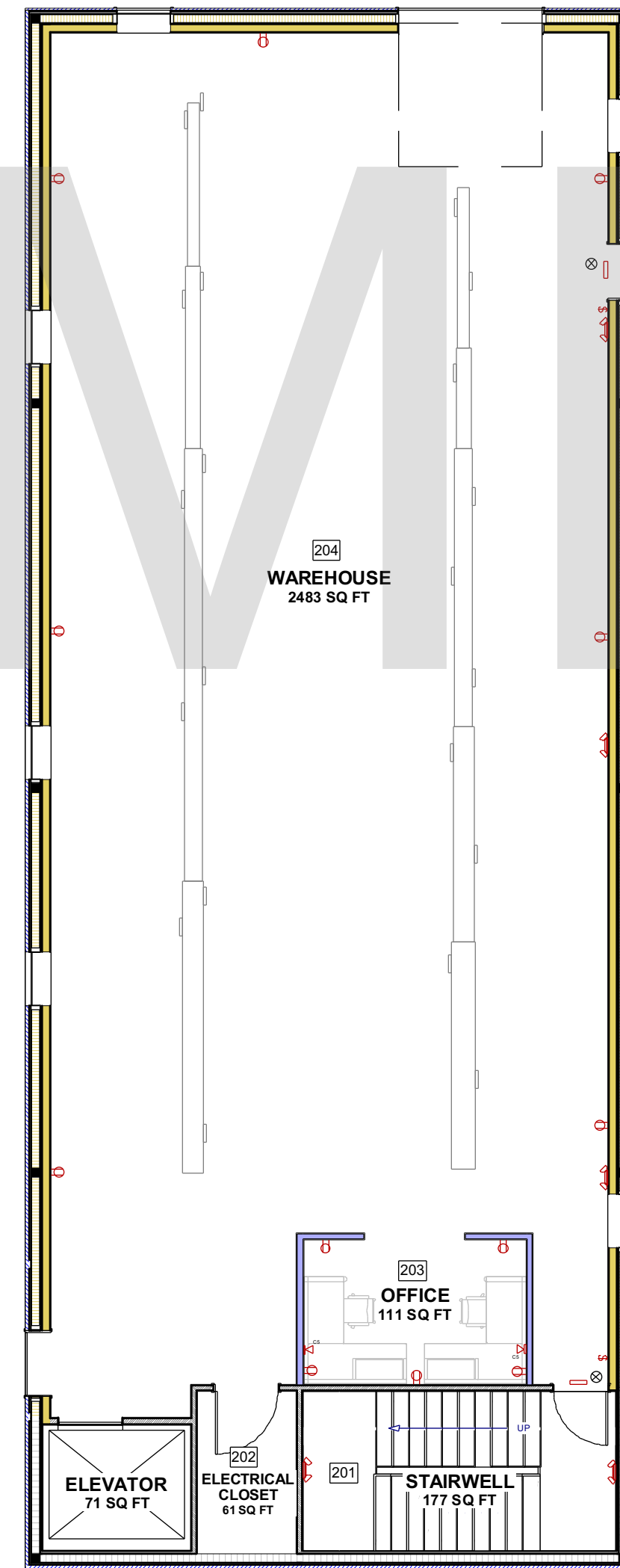
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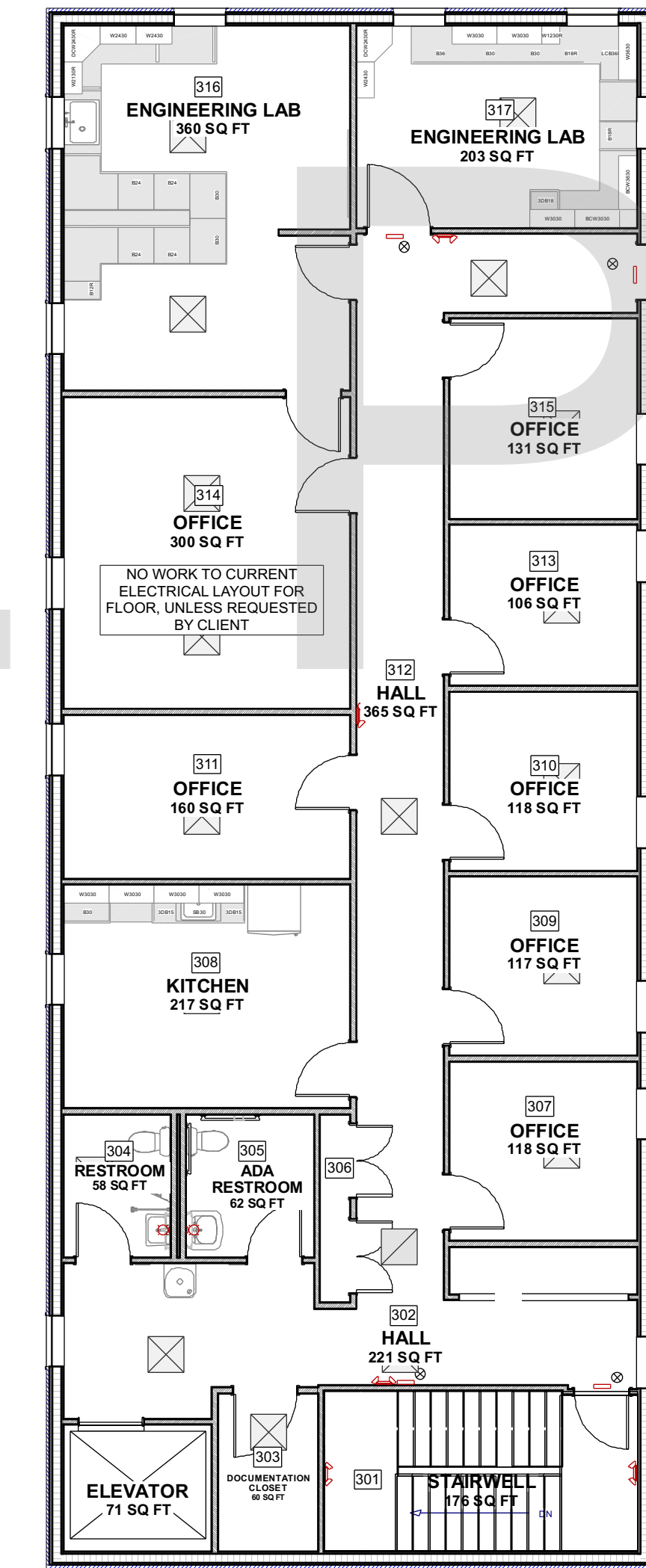
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	Telephone Jack
	Intercom
	Thermostat
	Door Chime, Door Bell Button
	Smoke Detectors: Ceiling Mounted, Wall Mounted
	Electrical Breaker Panel



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



B THIRD FLOOR ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"

SAMPLE PLAN

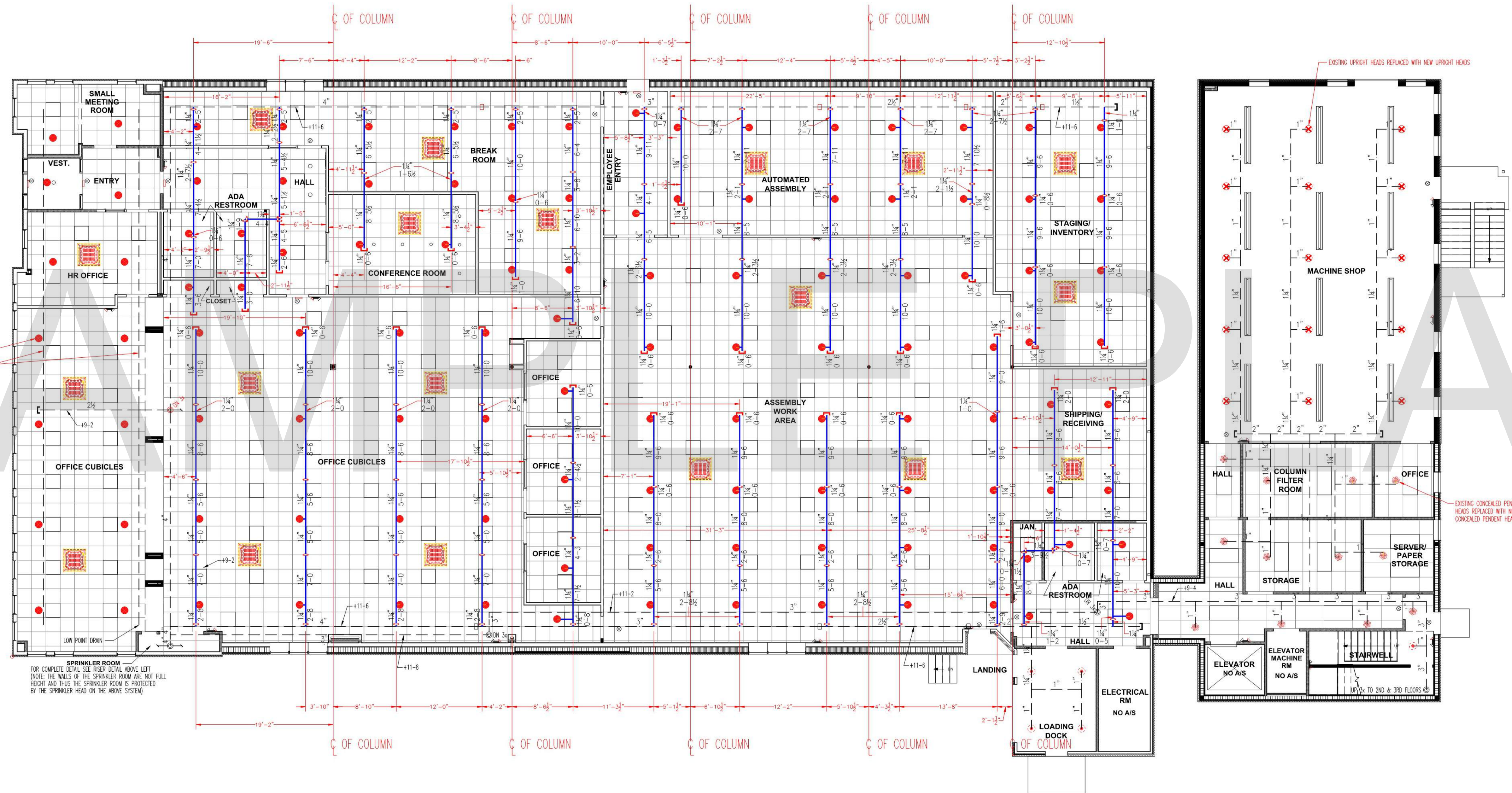
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9/19/2019
SHEET:
E1.2



FIRST FLOOR SPRINKLER PLAN

ALL CEILING HEIGHTS ARE 8'-6" EXCEPT FOR SOFFIT BETWEEN OFFICE CUBILCLES 112 & 113 WHICH IS 8'-0"

FOR COORDINATION ONLY

DESIGN BUILD FIRM
J.M. BRYSON
 Construction Management
 North Attleboro, MA 02761
 (508) 695-6401
 www.jmbryson.com

ENGINEER STAMP

SHEET TITLE:
**1st FLOOR
 SPRINKLER PLAN**

PROJECT NAME & ADDRESS:

DRAWINGS PROVIDED BY:
FIRE SPRINKLER DESIGN, INC.
 4 AVALON PLACE
 CUMBERLAND, RI 02864
 Tel: (401) 305-5622
 Email: dfr@csd.com.net
 Fax: (401) 305-5622

DATE:

4/25/2019

SHEET:

FP 1