GOVERNING CODES

CITY OF PENSACOLA, GA

- (BUILDING CODE) 2020 FLORIDA BUILDING CODE
- (RESIDENTIAL CODE) 2020 FLORIDA BUILDING CODE
- (EXISTING BUILDINGS) 2020 FLORIDA BUILDING CODE
- (ACCESSIBILITY) 2020 FLORIDA BUILDING CODE
- (PLUMBING) 2020 FLORIDA BUILDING CODE
- (MECHANICAL) 2020 FLORIDA BUILDING CODE
- (FUEL/GAS) 2020 FLORIDA BUILDING CODE
- (ENERGY CONSERVATION) 2020 FLORIDA BUILDING CODE
- (ELECTRICAL) 2017 NATIONAL ELECTRICAL CODE
- (FLORIDA FIRE CODE) 2020 FLORIDA FIRE PREVENTION CODE
- (NFPA 1 AND 101) 2018 NATIONAL FIRE PROTECTION ASSOCIATION

BEULAH PLAZA

PROJECT DATA

1.	**OCCUPANCY CLASSIFICATION**	MERCANTILE	IBC 303.1
2.	**CONSTRUCTION TYPE**	IIB	IBC 602
3.	**HEIGHT & AREA LIMITATION**		TABLE 504.3
	A. STORIES ALLOWED:	3	TABLE 504.4
	B. STORIES PROVIDED:	1	TABLE 504.4
	C. HEIGHT ALLOWED:	75'	TABLE 504.3
	D. HEIGHT PROVIDED:	18'	TABLE 504.3
	E. ALLOWABLE AREA/FLOOR:	50,000 SF	TABLE 506.2
	F. AREAS PROVIDED:		
	1. BUILDING A	4,725 SF	
	2. BUILDING B	4,275 SF	
	3. TOTAL	9,000 SF	
4.	**FIRE PROTECTION - SPRINKLED**	YES	NFPA 101
5.	**MAIN OCCUPANT LOAD FACTOR**	60 SF	NFPA 101
	A. OTHER OCCUPANT LOAD FACTORS		NFPA 101
6.	**REQUIRED # OF FIXTURES**		
	1. TOILETS:	18	IPC
	2. LAVATORIES:	12	
	3. DRINKING FOUNTAINS:	9	
7.	**MEANS OF EGRESS:**		
	A. DOORS:		
	CLEAR WIDTH REQUIRED:	32"	NFPA 101
	CLEAR WIDTH PROVIDED:	36"	
	B. STAIRS:		
	CLEAR WIDTH REQUIRED:	36" MIN.	NFPA 101
	RISER HEIGHT MAXIUMUM:	39"	
	TREAD DEPTH MINIMUM:	7" MAX	
	MAX HEIGHT PROV. BETWEEN LANDINGS	12'-0" MAX	
8.	**ARRANGEMENT OF MEANS OF EGRESS:**		
	MAX TRAVEL DISTANCE:	250'	NFPA 101
	LONGEST TRAVEL DISTANCE	23'	

PROJECT DESCRIPTION

NEW PRE FAB METAL CONSTRUCTION BUILDINGS FOR RETAIL SPACE.

DRAWING INDEX

GENERAL

SHEET NO.	SHEET NAME
GENERAL	
A001	COVER SHEET
A002	GENERAL NOTES, SYMBOL LEGEND & ADA DETAILS
A003	ADA DETAILS
A004	3D DRAWINGS & DIAGRAMS

ARCHITECTURAL

ARCHITECTURAL	
A100	SITE PLAN & OVERALL PLAN
A101	FLOOR PLAN A
A102	FLOOR PLAN B
A103	LIFE SAFETY PLAN
A104	ROOF PLAN A
A105	ROOF PLAN B
A200	BUILDING ELEVATIONS A
A201	BUILDING ELEVATIONS B
A300	BUILDING A SECTIONS
A301	BUILDING B SECTIONS
A302	WALL SECTIONS

ELECTRICAL

SHEET NO.	SHEET NAME
ELECTRICAL	
E1	ELECTRICAL NOTES & LEGENDS
E2	PANELS
E3	LIGHTING PLAN A
E4	LIGHTING PLAN B

MECHANICAL

SHEET NO.	SHEET NAME
MECHANICAL	
M1	MECHANICAL NOTES & LEGENDS
M2	ROOF HVAC PLAN
M4	MECHNCL DETAILS

Revision Schedule

No.	Date	By

DATE: ISSUE DATE
DRAWN: JTC
CHECKED MCB

JOB NO.
0603-2022

SHEET NO.
A001

NOT RELEASED FOR CONSTRUCTION

ABBREVIATIONS

#/FT PER FOOT
@ AT
A/C AIR CONDITIONING
AB ANCHOR BOLT
AC AIR CONDITIONING
ACMU ARCHITECTURAL CONCRETE MASONRY UNIT
ACMU ALUMINUM COMPOSITE METAL
ACOUST ACOUSTICAL
ACT ACOUSTICAL CEILING TILE
ADJ ADJACENT
AFF ABOVE FINISHED FLOOR
AIA AMERICAN INSTITUTE OF ARCHITECTS
AIB AIR INFILTRATION BARRIER
AISC AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT ALTERNATE
ALUM ALUMINUM
ANSI AMERICAN NATIONAL STANDARDS INSTITUTE
APPROX APPROXIMATE
ARCH ARCHITECT
ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS
AUTO AUTOMATIC
BD BOARD
BF BOARD FOOT
BFA BARRIER FREE ACCESSIBLE
BLKG BLOCKING
BM BEAM
BOC BOTTOM OF CURB
BRK BRICK
BTWN BETWEEN
C CHANNEL
CAB CABINET
CC COLOR CHANGE
CER CERAMIC
CIP CAST-IN-PLACE
CJ CONTROL JOINT
CLG CEILING
ACM COMPOSITE METAL PANEL
CMU CONCRETE MASONRY UNIT
CO CLEAN OUT
COL COLUMN
CONC CONCRETE MASONRY UNIT
CONT CONTINUOUS
CSI CONSTRUCTION SPECIFICATIONS INSTITUTE
CT CERAMIC TILE
D4S DRESSED FOUR SIDES
DBL DOUBLE
DET DETAIL
DIAG DIAGONAL
DS DOWNSPOUT
DWG DRAWING
EB EXPANSION BOLT
EFC EPOXY FLOOR COATING
EIFS EXTERIOR INSULATION FINISHING SYSTEM
EJ EXPANSION JOINT
ELEC ELECTRICAL
EQ EQUAL
EQUIP EQUIPMENT
ERD EMERGENCY ROOF DRAIN
ES EACH SIDE
EW EACH WAY
EXP EXPANSION
EXP JT EXPANSION JOINT
EXT EXTERIOR INSULATION FINISHING SYSTEM
FAB FABRICATE
FE FIRE EXTINGUISHER - WALL MOUNT
FEC FIRE EXTINGUISHER - RECESSED CABINET
FFE FINISH FLOOR ELEVATION
FIN FINISH
FLR FLOOR
FO FACE OF
FR GWB FIRE RATED GYPSUM WALLBOARD
FTG FOOTING
FV FIELD VERIFY
GA GAUGE
GALV GALVANIZED
GC GENERAL CONTRACTOR
GTTR GUTTER
GWB GYPSUM WALLBOARD
GYP BD GYPSUM WALLBOARD
HORIZ HORIZONTAL
IBC INTERNATIONAL BUILDING CODE
INSUL INSULATION
INT INTERIOR
LAM LAMINATE
LAV LAVATORY
LLH LONG LEG HORIZONTAL
LLV LONG LEG VERTICAL
LSC LIFE SAFETY CODE
MATL MATERIAL
MAX MAXIMUM
MDF MEDIUM-DENSITY FIBERBOARD
MECH MECHANICAL
MFR MANUFACTURER
MIN MINIMUM
MISC MISCELLANEOUS
MO MASONRY OPENING
MOD MODIFIED
MOD BIT MODIFIED BITUMEN
MR MOISTURE RESISTANT
MTD MOUNTED
MTL METAL
NFPA NATIONAL FIRE PROTECTION ASSOCIATION
NIC NOT IN CONTRACT
NRP NON-REMOVABLE PIN
NTS NOT TO SCALE
OC ON CENTER
OH OPPOSITE HAND
OPNG OPENING
OPP HAND OPPOSITE HAND
P LAM PLASTIC LAMINATE
PFT PORCELAIN FLOOR TILE
PL PLATE
PLMB PLUMBING
PLYWD PLYWOOD
PT PAINT OR PRESSURE TREATED
PVC POLYVINYL CHLORIDE
QT QUARRY TILE
RAD RADIUS
RCP REFLECTED CEILING PLAN
RD ROOF DRAIN
REINF REINFORCED
REQD REQUIRED
RJ RAKED JOINT
RL RAIN LEADER
RO ROUGH OPENING
RTD RATED
S4S SMOOTH FOUR SIDES
SC SOLID CORE
SHLV SHELVES
SHT SHEET
SIM SIMILAR
SQ SQUARE
STD STANDARD
STL STEEL
STOR STORAGE
STR STAIR
STRUCT STRUCTURAL
SUB SUBCONTRACTOR
SUSP SUSPENDED
T&G TONGUE AND GROOVE
TEL TELEPHONE
TEXT TEXTURE
THK THICKNESS
THOLD THRESHOLD
TJ TOOL JOINT
TO TOP OF…
TOC TOP OF CURB
TOM TOP OF MASONRY
TOS TOP OF STEEL
TPO THERMOPLASTIC POLYOLEFIN
TYP TYPICAL
UNO UNLESS NOTED OTHERWISE
VB VAPOR BARRIER
VCT VINYL CERAMIC TILE
VENT VENTILATION
VIF VERIFY IN FIELD
VWC VINYL WALLCOVERING
W/ WITH

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO ANY WORK AND SHALL BE RESPONSIBLE FOR ALL WORK AND MATERIALS, INCLUDING THOSE FURNISHED BY SUBCONTRACTORS.
2. ALL CONSTRUCTION SHALL COMPLY WITH THE LATEST EDITIONS OF THE STATE OF FLORIDA BUILDING CODE AND ALL LOCAL CODES AND ORDINANCES.
3. DO NOT SCALE THE DRAWINGS. DIMENSIONS SHALL GOVERN ALL DIMENSIONS ON ALL FLOOR PLANS.
4. THE CONTRACTOR SHALL REPORT TO THE ARCHITECT ANY ERROR, INCONSISTENCY OR OMISSION HE MAY DISCOVER. THE CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ERROR AFTER THE START OF CONSTRUCTION, WHICH HAS NOT BEEN BROUGHT TO THE ATTENTION OF THE ARCHITECT. THE MEANS OF CORRECTING ANY ERROR SHALL FIRST BE APPROVED BY THE ARCHITECT.
5. THE ARCHITECT SHALL REVIEW SHOP DRAWINGS AND SAMPLES FOR SUBSTANTIAL CONFORMANCE WITH DESIGN CONCEPT OF THE PROJECT. THE ARCHITECT'S REVIEW OF A SEPARATE ITEM SHALL NOT INDICATE REVIEW OF AN ASSEMBLY IN WHICH THE ITEM FUNCTIONS.
6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES, WHETHER SHOWN HEREON OR NOT AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSE OF REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THE WORK.
7. EXISTING ELEVATIONS AND LOCATIONS TO BE JOINED SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION. SHOULD THEY DIFFER FROM THOSE SHOWN ON THE BUILDINGS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT SO THAT MODIFICATIONS CAN BE MADE BEFORE PROCEEDING WITH THE WORK.
8. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY WATER, POWER, AND TOILET FACILITIES, AS REQUIRED.
9. APPROVED PLANS SHALL BE KEPT IN A PLAN BOX AND SHALL NOT BE USED BY WORKMEN. ALL CONSTRUCTION SETS SHALL REFLECT THE SAME INFORMATION. THE CONTRACTOR SHALL ALSO MAINTAIN IN GOOD CONDITION ONE COMPLETE SET OF DRAWINGS WITH ALL REVISIONS, ADDENDA AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES. THESE ARE TO BE UNDER THE CARE OF THE JOB SUPERINTENDENT.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE, WHILE CONSTRUCTION IS IN PROGRESS AND UNTIL JOB IS COMPLETE.
11. ALL DEBRIS SHALL BE REMOVED FROM THE PREMISES AND ALL AREAS SHALL BE LEFT IN CLEAN CONDITION AT ALL TIMES
12. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF THE OCCUPANTS AND WORKERS AT ALL TIMES.
13. ANY COMBUSTIBLE INTERIOR TRIM SHALL BE CLASS A, B, OR C MATERIAL WITH A FLAME SPREAD RATING OF 200 OR LESS.
14. ALL EXIT DOORS LOCATED IN THE MEANS OF EGRESS SHALL SWING IN THE DIRECTION OF THE EXIT TRAVEL AND IF ANY LATCHING OR LOCKING DEVICE IS TO BE INSTALLED, ONLY APPROVED PANIC HARDWARE SHALL BE INSTALLED. ALL OTHER DOORS IN THE FACILITY SHALL BE EQUIPPED WITH APPROVED LEVER OR PUSH OPERATED DEVICES.
15. DUCT SYSTEMS SHALL NOT BE INTERCONNECTED WITH ANY OTHER BUILDING VENTILATION OR EXHAUST SYSTEM.
16. THE CONTRACTOR SHALL PERMANENTLY IDENTIFY ALL FIRE RATED WALLS REQUIRED TO HAVE PROTECTED OPENINGS, CORRIDOR PARTITIONS, SMOKESTOP PARTITIONS, HORIZONTAL EXIT PARTITIONS AND EXIT ENCLOSURES EITHER BY INSTALLING SIGNS OR STENCILING IN CONCEALED SPACES THE FOLLOWING: FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS. IDENTIFICATION SHALL BE SPACED NO MORE THAN TEN (10) FEET ON CENTER WITH A MINIMUM LETTER SIZE OF ONE (1) INCH IN HEIGHT.
17. FIRE ALARM CONTRACTOR SHALL OBTAIN A FIRE ALARM SYSTEM PERMIT PRIOR TO INSTALLATION. ANY FIRE ALARM PLANS INCLUDED IN THIS SET OF PLANS ARE FOR REFERENCE ONLY. NOT FOR PERMIT.
18. FIRE SPRINKLER CONTRACTOR SHALL OBTAIN A FIRE SPRINKLER SYSTEM PERMIT PRIOR TO INSTALLATION. ANY FIRE SPRINKLER PLANS INCLUDED IN THIS SET OF PLANS ARE FOR REFERENCE ONLY. NOT FOR PERMIT.
19. ELEVATORS AND ESCALATORS SHALL BE DESIGNED FOLLOWING THE REQUIREMENTS OF ASME/ANSI A17.1, LIFE SAFETY CODE 2000 Edition, CHAPTER 607 FOR ELEVATORS.
20. PENETRATIONS, INTO OR THROUGH, OF EITHER VERTICAL OR HORIZONTAL FIRE RATED BARRIERS SHALL BE PROTECTED BY A SYSTEM LISTED BY A RECOGNIZED TESTING AGENCY BY USING A DETAIL AND LISTING NUMBER PER IBC 2000, CHAPTER 711.
21. THE PRIMARY FRAMING OF ALL HANDRAILS AND GUARDRAILS SHALL HAVE AN OUTSIDE DIAMETER OF 1-1/2". USE A 1-1/4" INSIDE DIAMETER STANDARD PIPE (ACTUAL OUTSIDE DIAMETER IS 1-5/8") NOT A 1-1/2" INSIDE DIAMETER STANDARD PIPE. INTERMEDIATE FRAMING OF A SMALLER SIZE MAY BE USED PROVIDED ALL APPLICABLE CODES ARE MET. INDICATE RAILING SIZES ON SUBMITTALS.

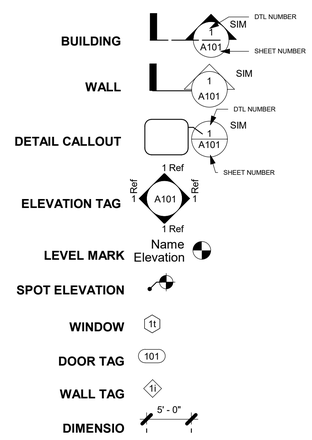
TABLE 504.3

OCCUPANY CLASSIFICATION	SEE FOOTNOTES	TYPE OF CONSTRUCTION									
		TYPE I		TYPE II		TYPE III		TYPE IV	TYPE V	
		A	B	A	B	A	B	HT	A	B
A, B, E, F, M, S, U	NS[b]	UL	160	65	55	65	55	65	50	40
	NS	UL	180	85	75	85	75	85	70	60
H-1, H-2, H-3, H-5	NS[c,d]	UL	160	65	55	65	55	65	50	40
	S									
H-4	NS[c,d]	UL	160	65	55	65	55	65	50	40
	S	UL	180	85	75	85	75	85	70	60
I-1 Condition 1, I-3	NS[d,e]	UL	160	65	55	65	55	65	50	40
	S	UL	180	85	75	85	75	85	70	60
I-1 Condition 2, I-2	NS[d,e,f]	UL	160	65	55	65	55	65	50	40
	S	UL	180	85						
I-4	NS[d,g]	UL	160	65	55	65	55	65	50	40
	S	UL	180	85	75	85	75	85	70	60
R[h]	NS[d]	UL	160	65	55	65	55	65	50	40
	S13D	60	60	60	60	60	60	60	50	40
	S13R	60	60	60	60	60	60	60	60	60
	S	UL	180	85	75	85	75	85	70	60

UL = Unlimited; **NS** = Buildings not equipped throughout with an automatic sprinkler system; **S** = Buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1; **S13R** = Buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.2; **S13D** = Buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.3.

A. See Chapters 4 and 5 for specific exceptions to the allowable height in this chapter.
B. See Section 903.2 for the minimum thresholds for protection by an automatic sprinkler system for specific occupancies.
C. New Group H occupancies are required to be protected by an automatic sprinkler system in accordance with Section 903.2.5.
D. The **NS** value is only for use in evaluation of existing building height in accordance with the International Existing Building Code.
E. New Group I-1 and I-3 occupancies are required to be protected by an automatic sprinkler system in accordance with Section 903.2.6. For new Group I-1 occupancies Condition 1, see Exception 1 of Section 903.2.6.
F. New and existing Group I-2 occupancies are required to be protected by an automatic sprinkler system in accordance with Section 903.2.6 and Section 1103.5 of the International Fire Code.
G. For new Group I-4 occupancies, see Exceptions 2 and 3 of Section 903.2.6.
H. New Group R occupancies are required to be protected by an automatic sprinkler system in accordance with Section 903.2.8.

SYMBOL LEGEND



TYPICAL ADA DETAILS

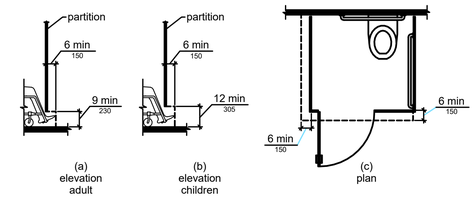


Figure 604.8.1.4
Wheelchair Accessible Toilet
Compartment Toe Clearance

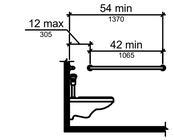


Figure 604.5.1
Side Wall Grab Bar
at Water Closets

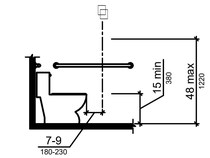


Figure 604.7
Dispenser Outlet
Location

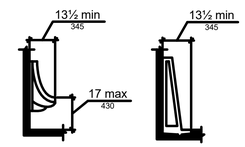


Figure 605.2
Height and Depth of Urinals

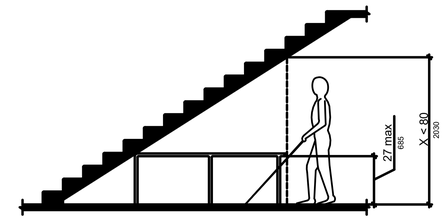


Figure 307.4
Vertical Clearance

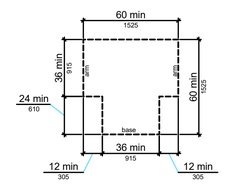


Figure 304.3.2
T-Shaped Turning Space

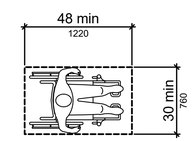


Figure 305.3
Clear Floor or
Ground Space

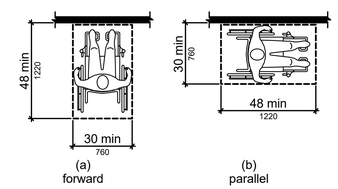


Figure 305.5
Position of Clear Floor or Ground Space

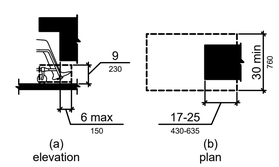


Figure 306.2
Toe Clearance

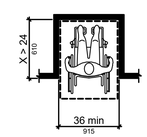


Figure 305.7.1
Maneuvering Clearance
in an Alcove,
Forward Approach

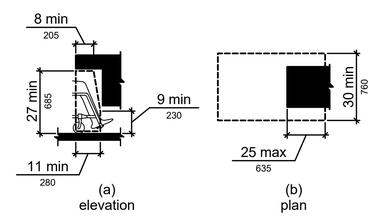


Figure 306.3
Knee Clearance

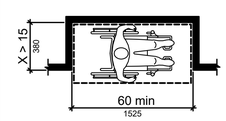


Figure 305.7.2
Maneuvering Clearance
in an Alcove,
Parallel Approach

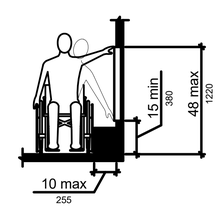


Figure 308.3.1
Unobstructed
Side Reach

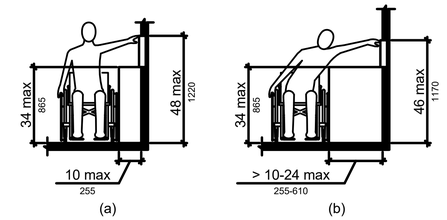


Figure 308.3.2
Obstructed High
Side Reach

Revision Schedule

No.	Date	By

DATE: ISSUE DATE
DRAWN: JTC
CHECKED MCB

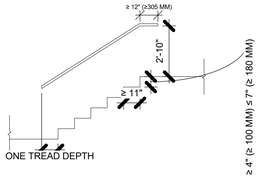
JOB NO.
0603-2022

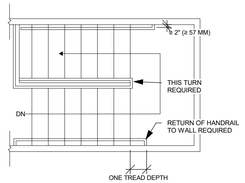
SHEET NO.
A002

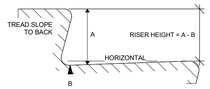
NOT RELEASED FOR CONSTRUCTION

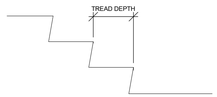
STAIRS & HANDRAILS

2012 EDITION NFPA 101
2010 ADA STANDARDS









Tread depth shall be not less than 13 in. for elevation changes of 21 in. or less. The presence and location of each step shall be readily apparent. **Section 7.1.7**

Guards in accordance with 7.2.2.4 shall be provided at the open sides of means of egress that exceed 30 in. above the floor or finished ground level below. **Section 7.1.8**

Stair treads and landings shall be solid, without perforations. Stair treads and landings shall be free of projections or lips that could trip stair users. **Section 7.2.2.3.3**

The tread and landing slope shall not exceed ¼ in./ft. **Section 7.2.2.3.4**

Variations in excess of 3/16 in. in the sizes of adjacent treads depths or in the height of adjacent risers shall be prohibited. **Section 7.2.2.3.6.1**

The variations between the sizes of the largest and smallest riser or between the largest and smallest tread depths shall not exceed ⅜ in. in any flight. **Section 7.2.2.3.6.2**

Open risers are not permitted. **ADA 504.3; NFPA 101 Section 7.2.2.3.3.2**

Stairs and ramps shall have handrails on both sides. **Section 7.2.2.4.1.1**

Required guards and handrails shall continue for the full length of each flight of stairs. At turns of new stairs, inside rails shall be continuous between flights at landing. **Section 7.2.2.4.2**

The design of guards and handrails and the hardware for attaching handrails to guards, balusters, or walls shall be such that there are no projections that might engage loose clothing. **Section 7.2.2.4.3**

New handrails on stairs shall not be less than 34 in., and not more than 38 in., above the surface of the tread, measured vertically to the top of the rail from the leading edge of the tread. **Section 7.2.2.4.4.1**

New handrails shall be installed to provide a clearance of not less than 2¼ in. between the handrail and the wall to which it is fastened. **Section 7.2.2.4.4.5**

New handrails shall be continuously graspable along their entire length. **Section 7.2.2.4.4.7**

New handrail ends shall return to the wall or floor or shall terminate at newel posts. **Section 7.2.2.4.4.9**

Guards shall not be less than 42 in. high. **Section 7.2.2.4.5.2**

Open guards shall have intermediate rails (vertical intermediate rails are preferred) such that a sphere 4 in. in diameter is not able to pass through any opening up to a height of 34 in. **Section 7.2.2.4.5.3**

Handrails shall have a circular cross section with an outside diameter of not less than 1¼ in. and not more than 2 in. Shape other than circular shall meet requirements of Section 7.2.2.4.4.6 (2). **Section 7.2.2.4.4.6 (1)**

NON-CIRCULAR CROSS SECTIONS

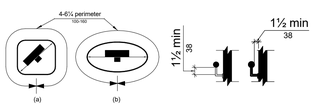
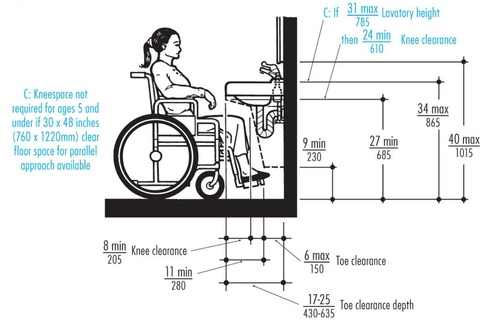


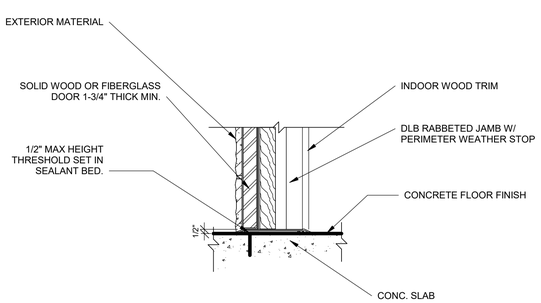
Table 7.2.2.2.1.1(a) New Stairs	
Minimum Width	See 7.2.2.2.1.2
Maximum height of risers	7 inches
Minimum height of risers	4 inches
Minimum tread depth	11 inches
Minimum headroom	6 feet 8 inches
Maximum height between landings	12 feet

1 ADA STAIRS & HANDRAIL DETAILS

1/4" = 1'-0"



LAVATORY CLEARANCES



2 DOOR THRESHOLD DETAIL

1 1/2" = 1'-0"

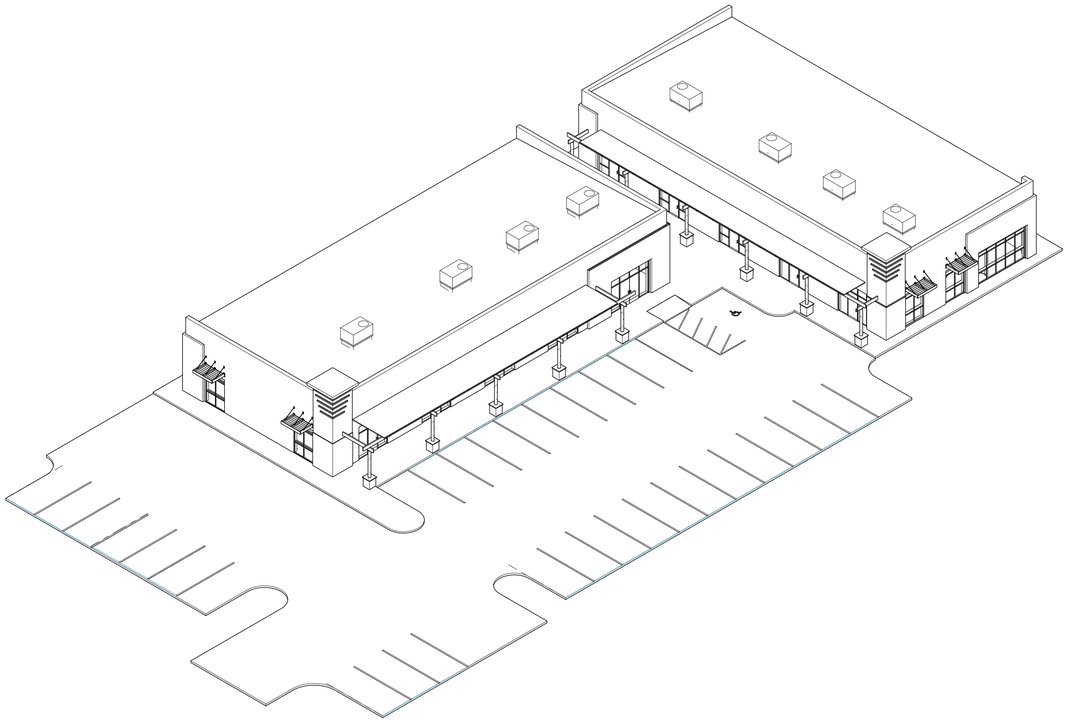
Revision Schedule		
No.	Date	By

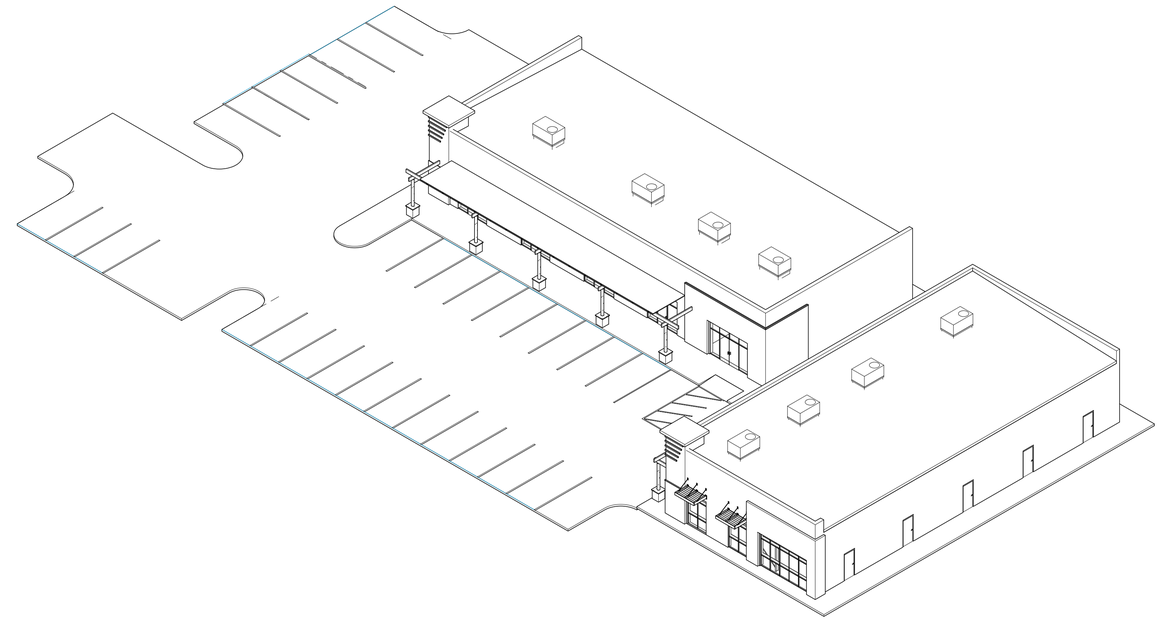
DATE ISSUE DATE
DRAWN: JTC
CHECKED MCB

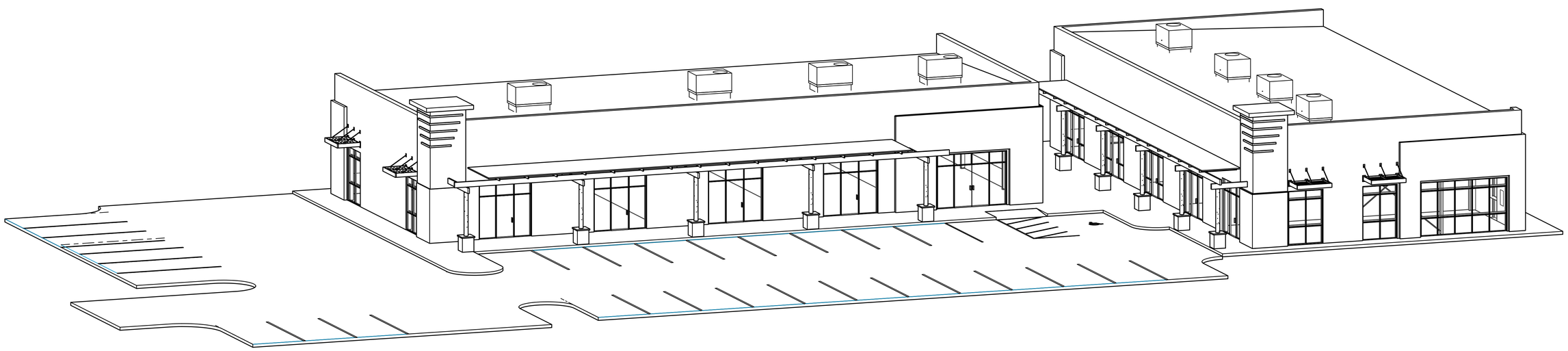
JOB NO.
0603-2022

SHEET NO.
A003

NOT RELEASED FOR CONSTRUCTION







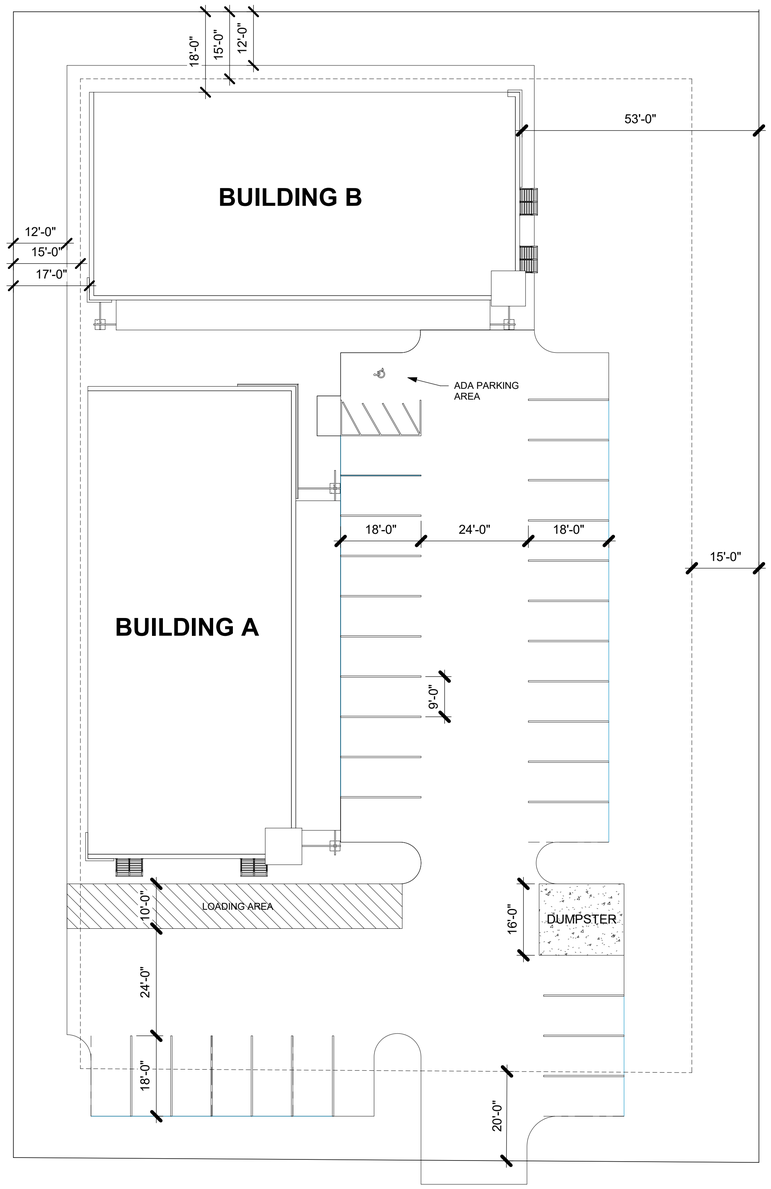
Revision Schedule		
No.	Date	By

DATE	ISSUE DATE
DRAWN:	JTC
CHECKED	MCB

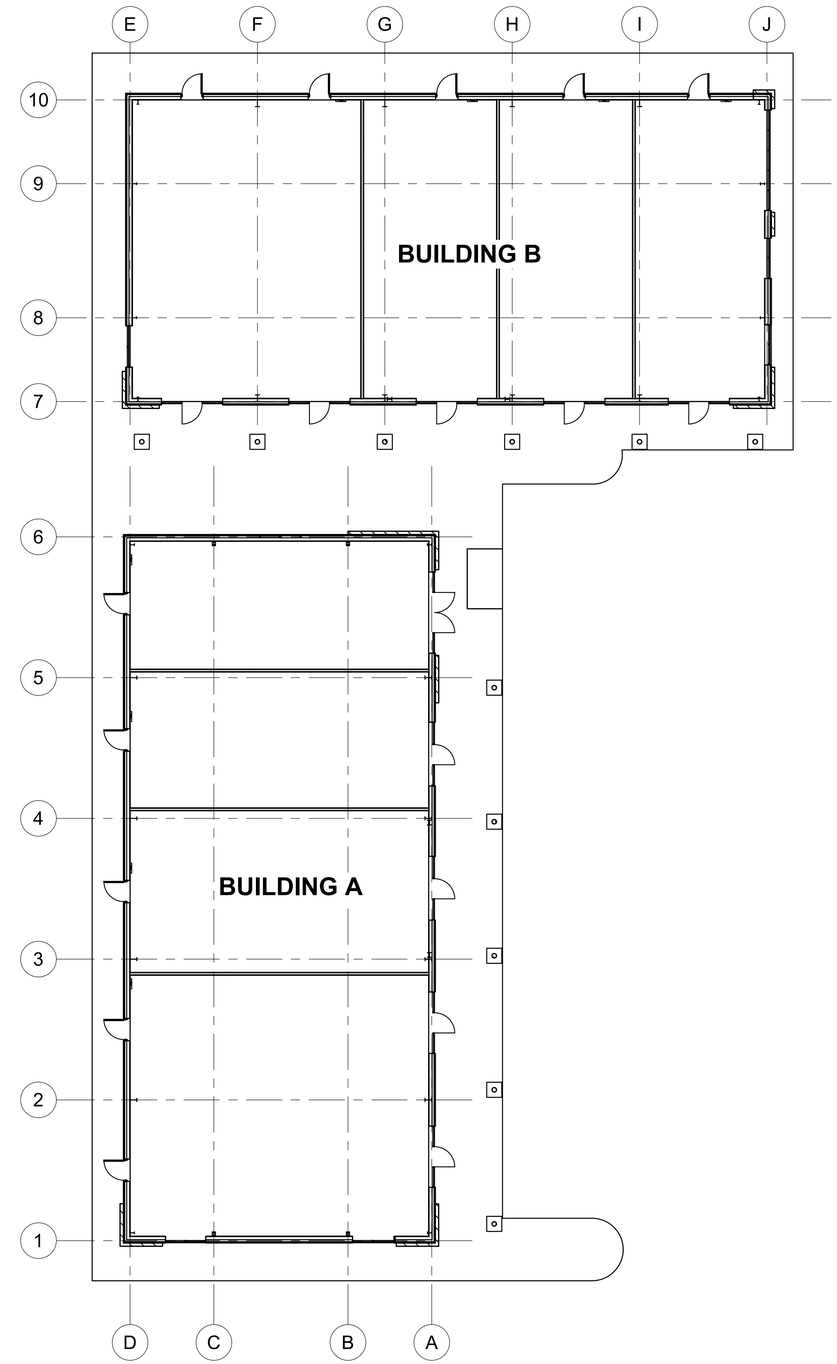
JOB NO.
0603-2022

SHEET NO.
A004

NOT RELEASED FOR CONSTRUCTION



1 **SITE PLAN**
1/16" = 1'-0"



2 **OVERALL FLOOR PLAN**
3/32" = 1'-0"

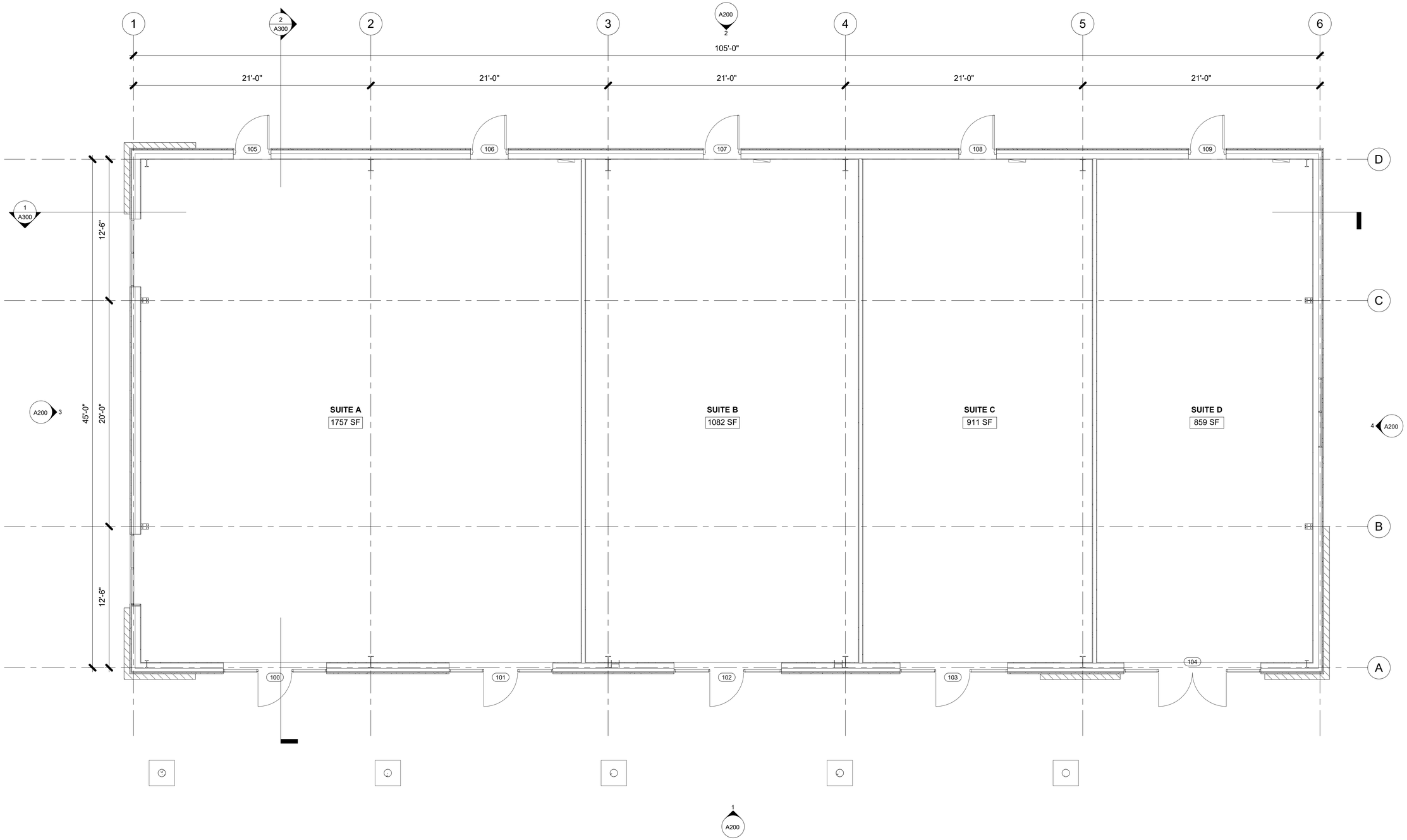
Revision Schedule		
No.	Date	By

DATE	ISSUE DATE
DRAWN:	JTC
CHECKED	MCB

JOB NO.
0603-2022

SHEET NO.
A100

NOT RELEASED FOR CONSTRUCTION



1 FLOOR PLAN A

1/4" = 1'-0"

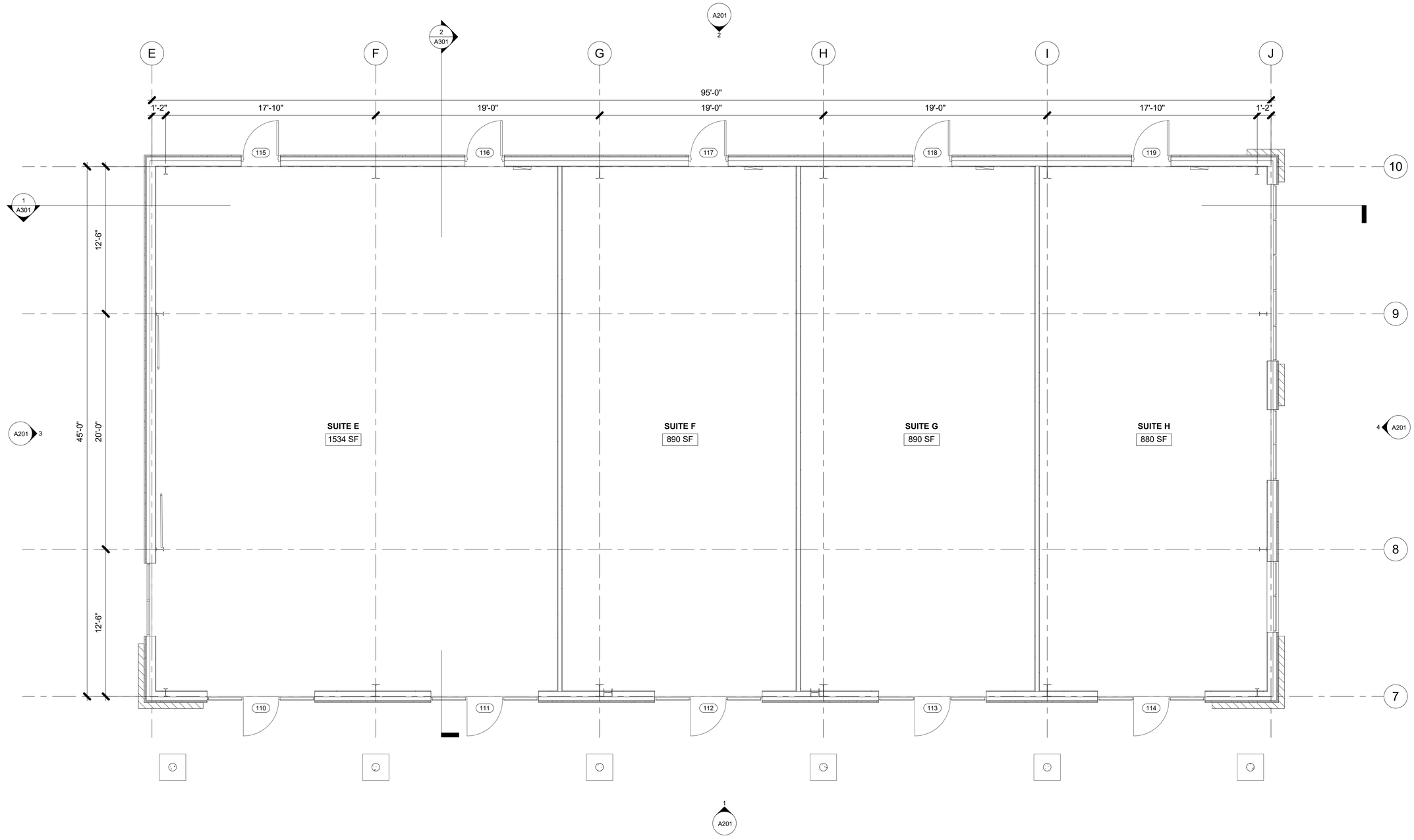
Revision Schedule		
No.	Date	By

DATE	ISSUE DATE
DRAWN:	JTC
CHECKED	MCB

JOB NO.
0603-2022

SHEET NO.
A101

NOT RELEASED FOR CONSTRUCTION



1 FLOOR PLAN B

1/4" = 1'-0"

Revision Schedule		
No.	Date	By

DATE ISSUE DATE

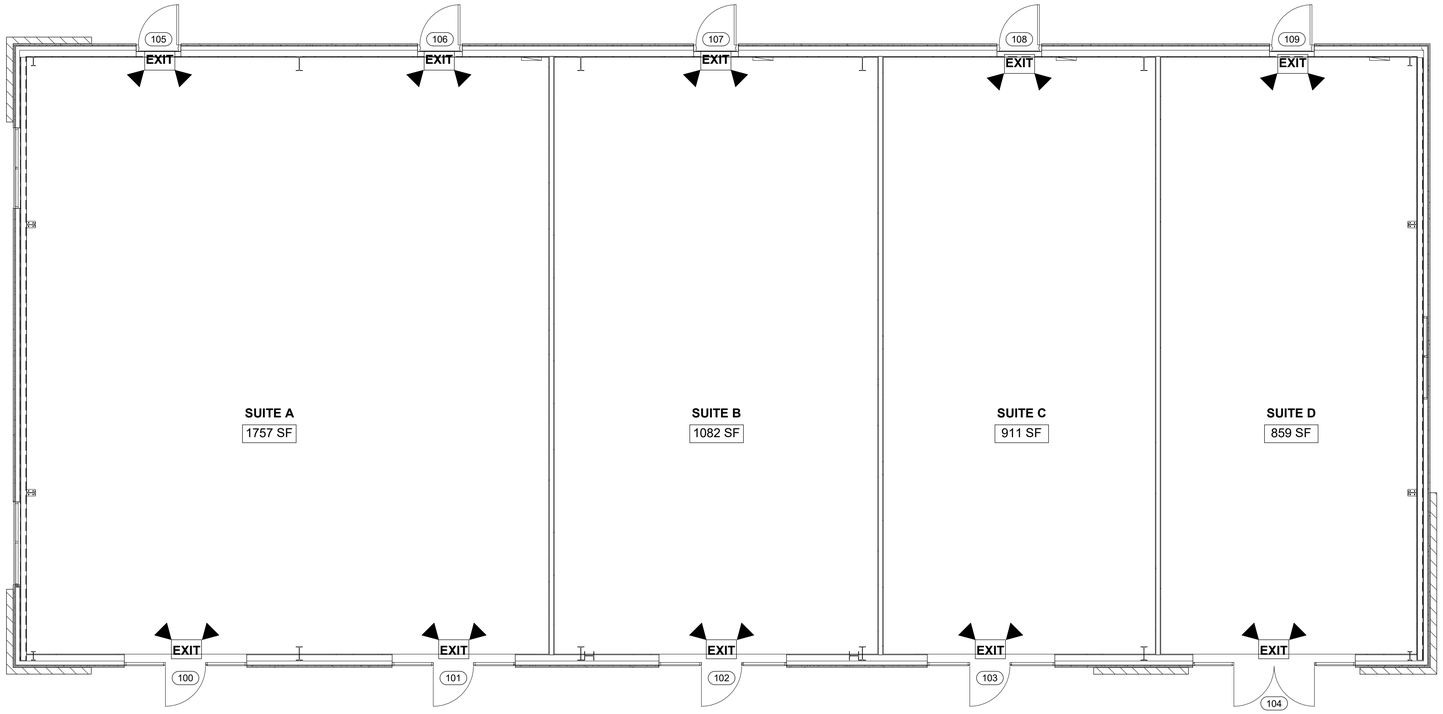
DRAWN: JTC

CHECKED MCB

JOB NO.
0603-2022

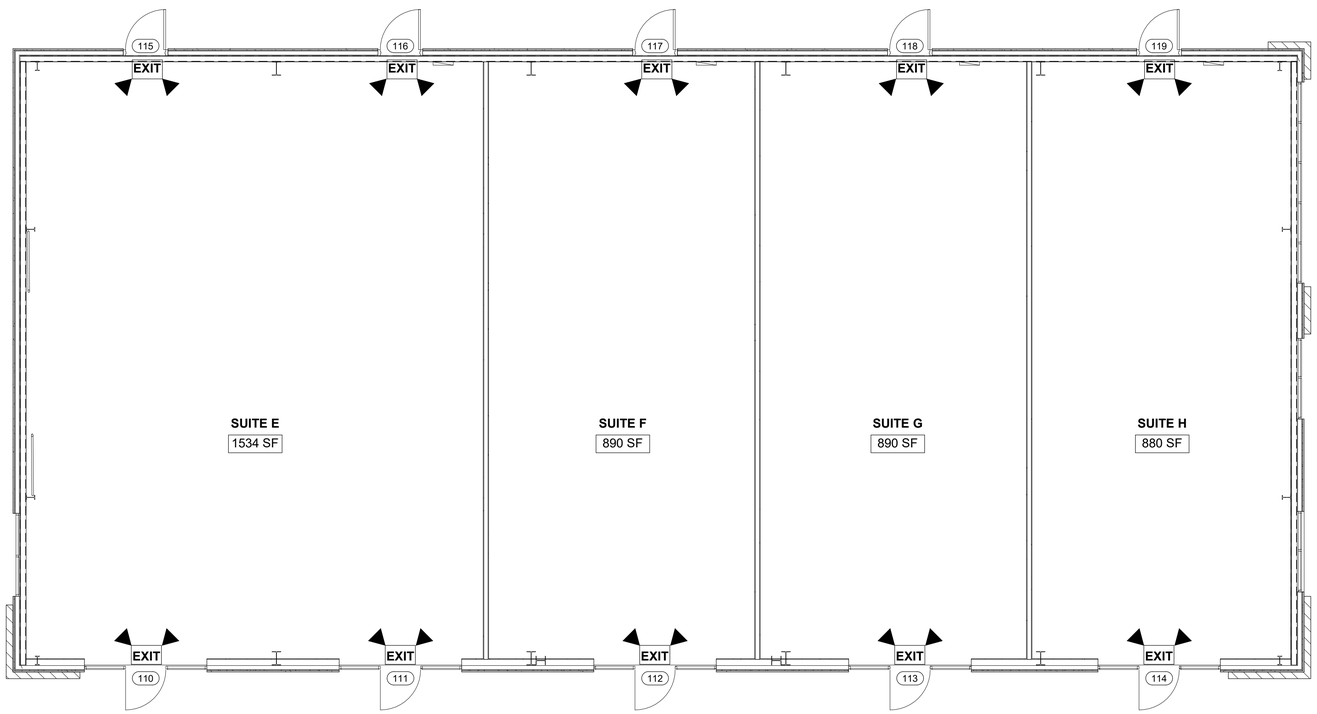
SHEET NO.
A102

NOT RELEASED FOR CONSTRUCTION



1 **LIFE SAFETY PLAN A**

3/16" = 1'-0"



2 **LIFE SAFETY PLAN B**

3/16" = 1'-0"

OCCUPANT LOAD CALCULATIONS

ROOMS	OCCUPANY	HEATED AREA	LOAD FACTOR	OCCUPANT LOAD
SUITE A	MERCANTILE	1757 SF	60 SF	29
SUITE B	MERCANTILE	1082 SF	60 SF	18
SUITE C	MERCANTILE	911 SF	60 SF	15
SUITE D	MERCANTILE	859 SF	60 SF	14
SUITE E	MERCANTILE	1534 SF	60 SF	26
SUITE F	MERCANTILE	890 SF	60 SF	15
SUITE G	MERCANTILE	890 SF	60 SF	15
SUITE H	MERCANTILE	880 SF	60 SF	15
: 8		8803 SF		147

DOOR SCHEDULE

MARK	WIDTH	HIEGHT	DESCRIPTION
100	3'-0"	7'-0"	STOREFRONT GLASS
101	3'-0"	7'-0"	STOREFRONT GLASS
102	3'-0"	7'-0"	STOREFRONT GLASS
103	3'-0"	7'-0"	STOREFRONT GLASS
104	6'-0"	7'-0"	STOREFRONT DBL GLASS
105	3'-0"	7'-0"	EXT. SINGLE FLUSH
106	3'-0"	7'-0"	EXT. SINGLE FLUSH
107	3'-0"	7'-0"	EXT. SINGLE FLUSH
108	3'-0"	7'-0"	EXT. SINGLE FLUSH
109	3'-0"	7'-0"	EXT. SINGLE FLUSH
110	3'-0"	7'-0"	STOREFRONT GLASS
111	3'-0"	7'-0"	STOREFRONT GLASS
112	3'-0"	7'-0"	STOREFRONT GLASS
113	3'-0"	7'-0"	STOREFRONT GLASS
114	3'-0"	7'-0"	STOREFRONT GLASS
115	3'-0"	7'-0"	EXT. SINGLE FLUSH
116	3'-0"	7'-0"	EXT. SINGLE FLUSH
117	3'-0"	7'-0"	EXT. SINGLE FLUSH
118	3'-0"	7'-0"	EXT. SINGLE FLUSH
119	3'-0"	7'-0"	EXT. SINGLE FLUSH

PLUMBING REQUIREMENTS

FIXTURES PER IPC CODE 2012
MAIN OCC. TYPE: M
TOILETS: 1 PER 500
LAVATORIES: 1 PER 750
DRINKING FOUNTAINS: 1 PER 500
TOTAL OCCUPANTS: 150

TOILETS REQUIRED: 1
LAVATORIES REQUIRED: 1
DRINKING FOUNTAINS REQUIRED: 1

TOILETS PROVIDED: (00)
LAVATORIES PROVIDED: (00)
DRINKING FOUNTAINS REQUIRED: (00)

Revision Schedule

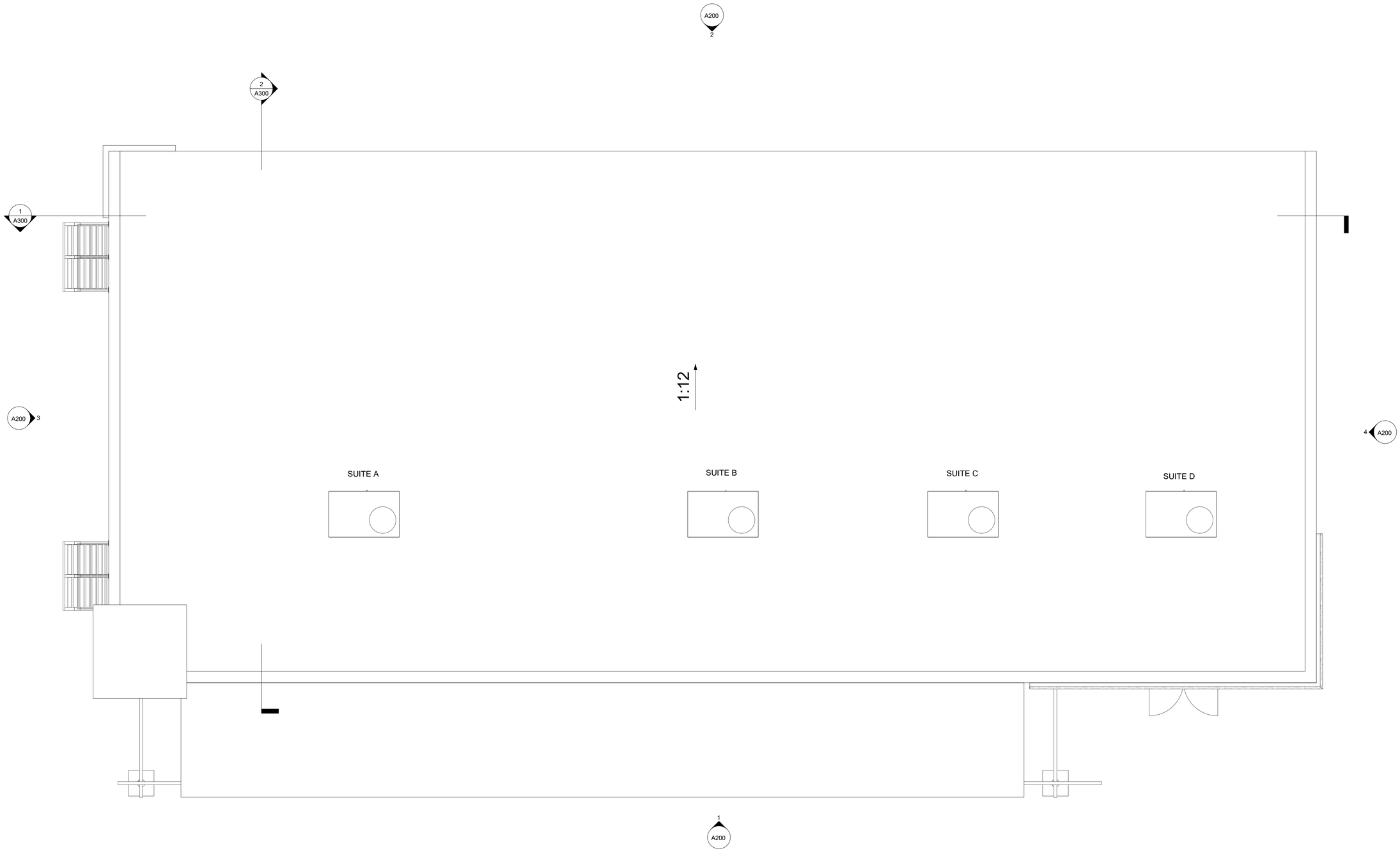
No.	Date	By

DATE ISSUE DATE
DRAWN: JTC
CHECKED MCB

JOB NO.
0603-2022

SHEET NO.
A103

NOT RELEASED FOR CONSTRUCTION



1 **ROOF PLAN A**
1/4" = 1'-0"

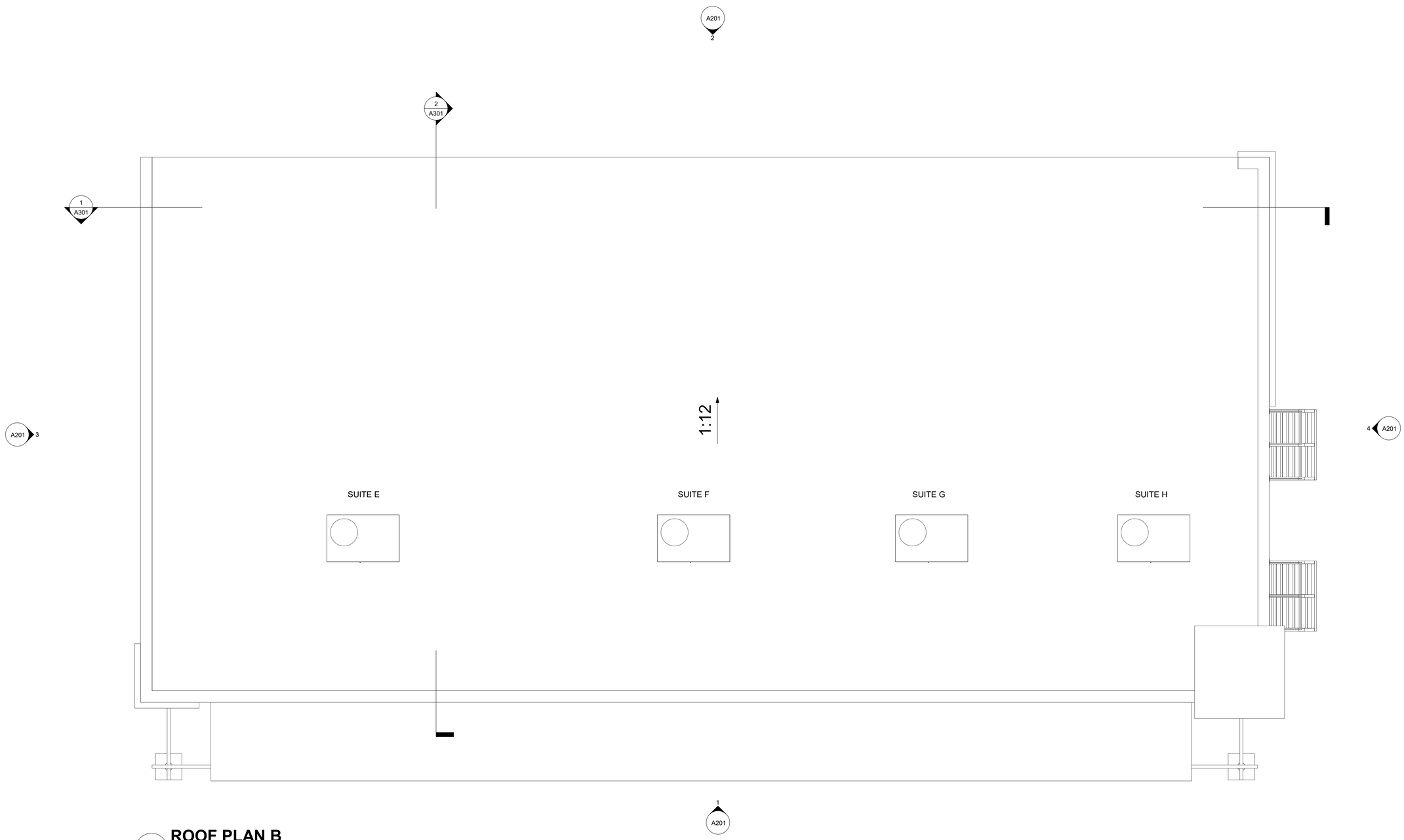
Revision Schedule		
No.	Date	By

DATE	ISSUE DATE
DRAWN:	JTC
CHECKED	MCB

JOB NO.
0603-2022

SHEET NO.
A104

NOT RELEASED FOR CONSTRUCTION



1 **ROOF PLAN B**
1/4" = 1'-0"

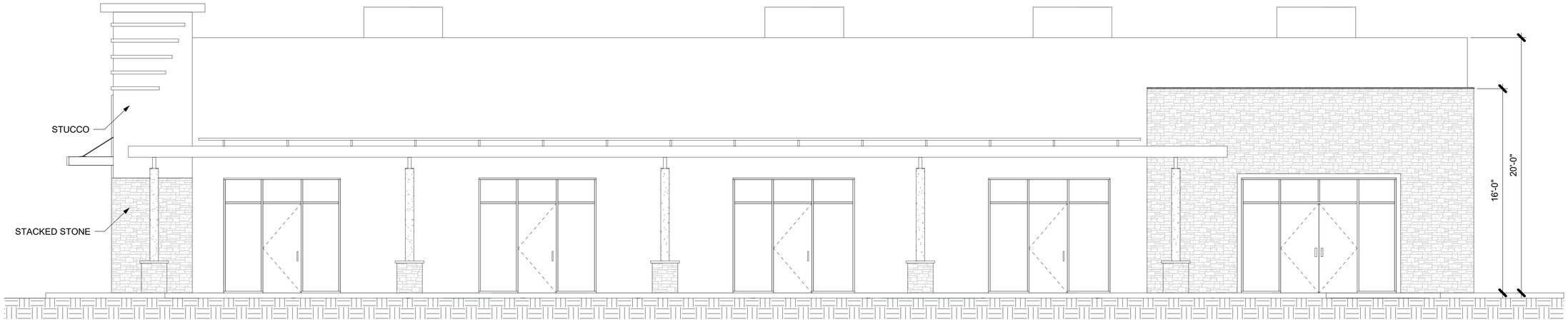
Revision Schedule		
No.	Date	By

DATE ISSUE DATE
DRAWN: JTC
CHECKED MCB

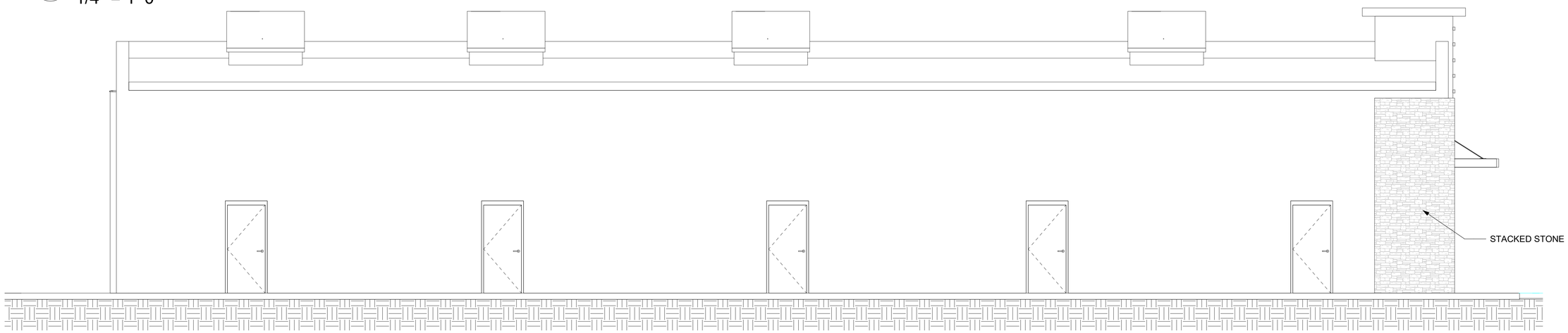
JOB NO.
0603-2022

SHEET NO.
A105

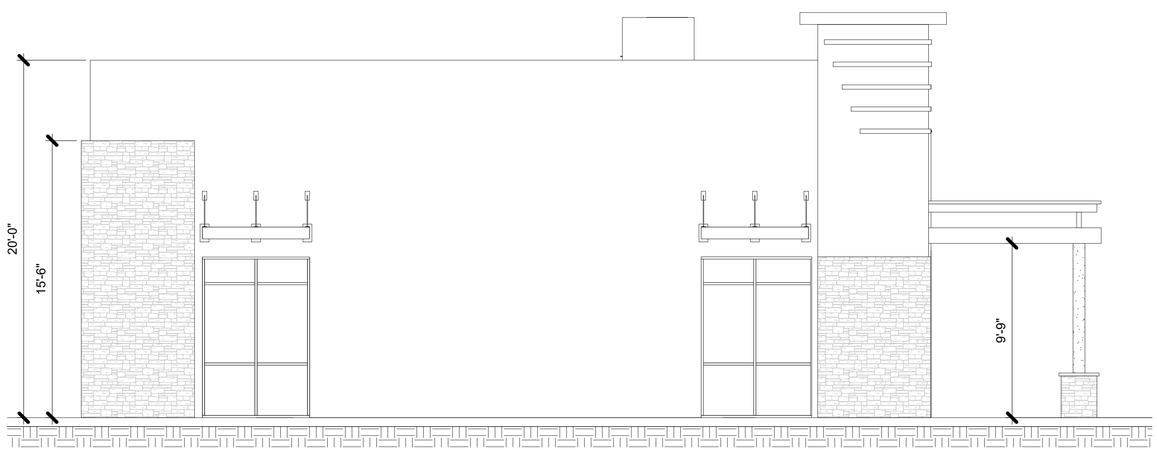
NOT RELEASED FOR CONSTRUCTION



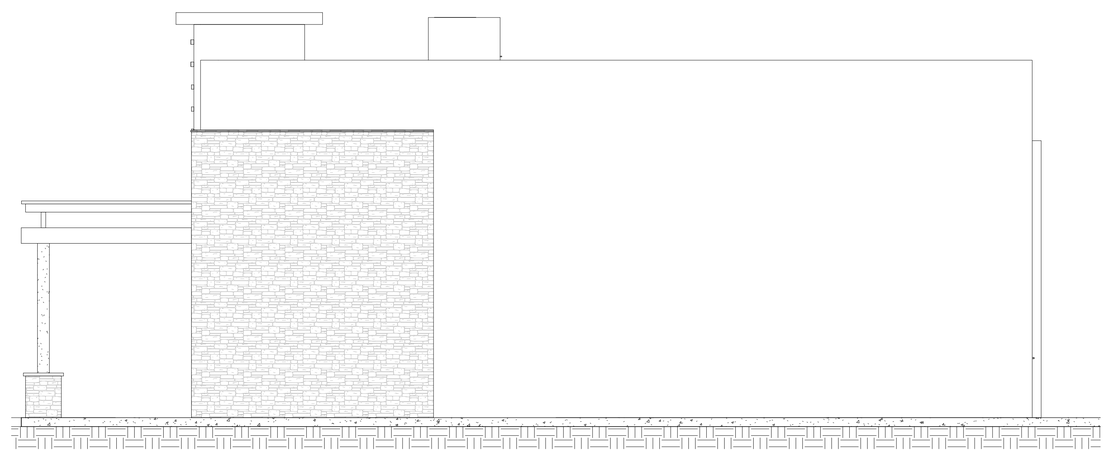
1 **A FRONT**
1/4" = 1'-0"



2 **A REAR**
1/4" = 1'-0"



3 **A LEFT**
1/4" = 1'-0"



4 **A RIGHT**
1/4" = 1'-0"

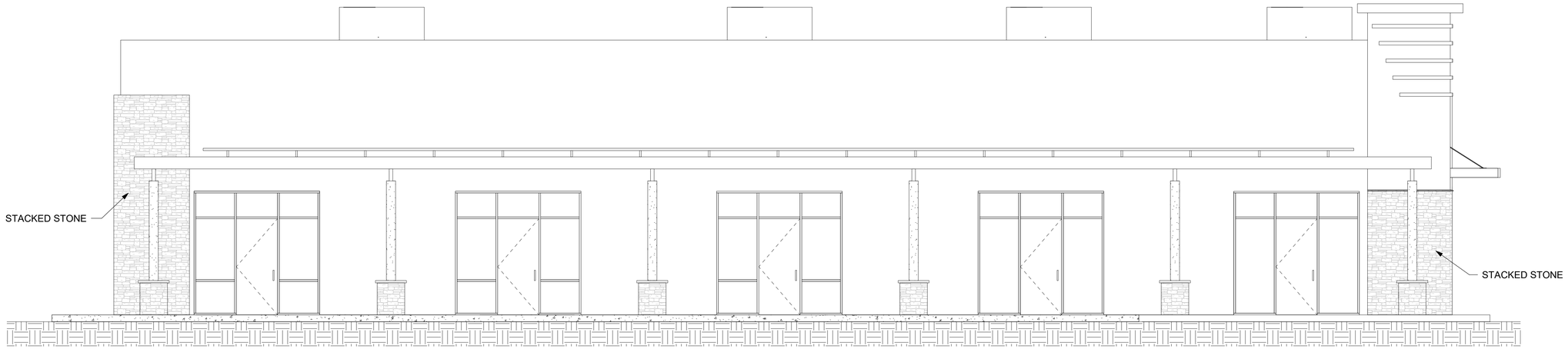
Revision Schedule		
No.	Date	By

DATE	ISSUE DATE
DRAWN:	JTC
CHECKED	MCB

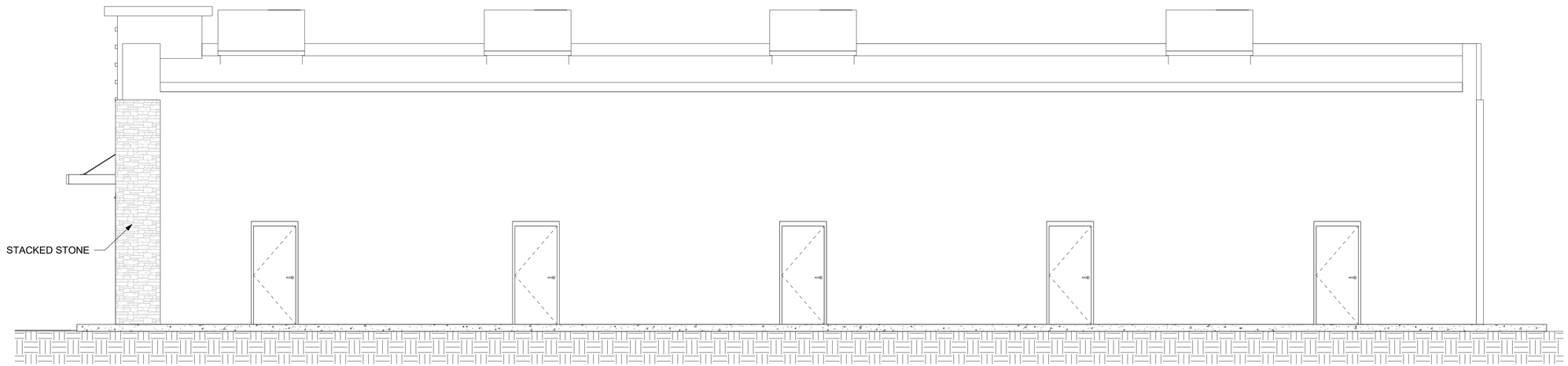
JOB NO.
0603-2022

SHEET NO.
A200

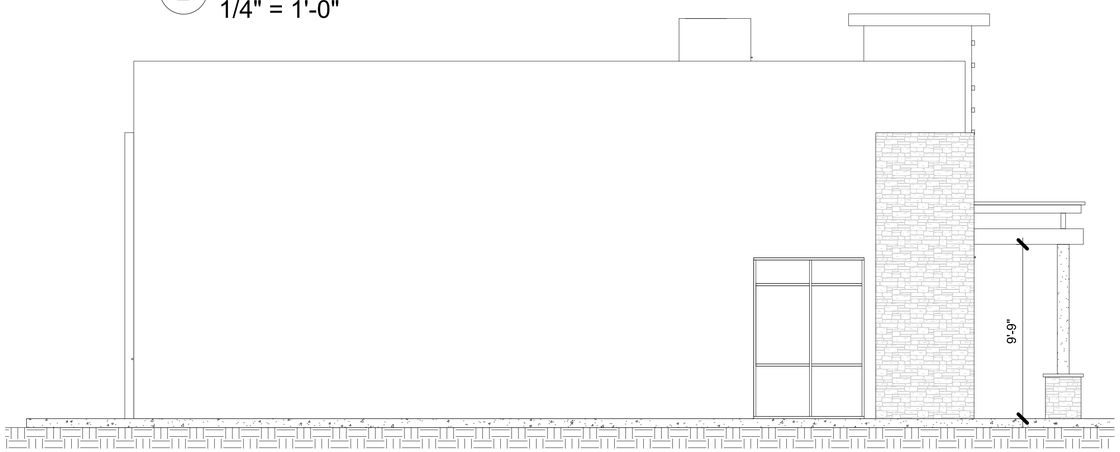
NOT RELEASED FOR CONSTRUCTION



1 **B FRONT**
1/4" = 1'-0"



2 **B REAR**
1/4" = 1'-0"



3 **B LEFT**
1/4" = 1'-0"

4 **B RIGHT**
1/4" = 1'-0"

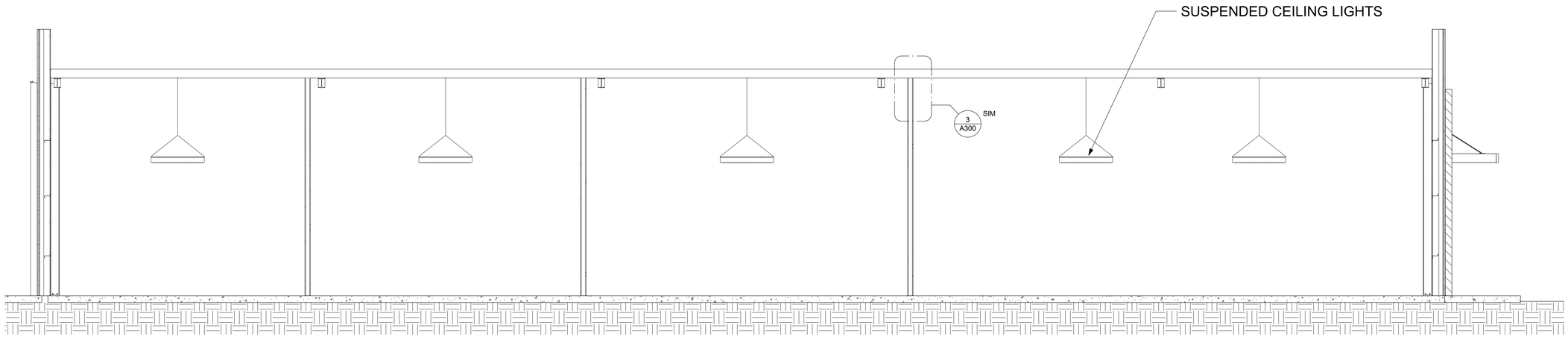
Revision Schedule		
No.	Date	By

DATE	ISSUE DATE
DRAWN:	JTC
CHECKED	MCB

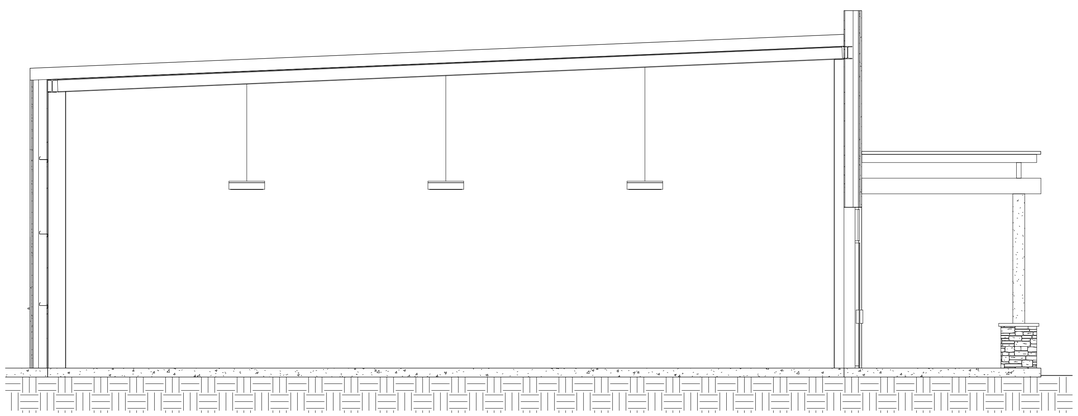
JOB NO.
0603-2022

SHEET NO.
A201

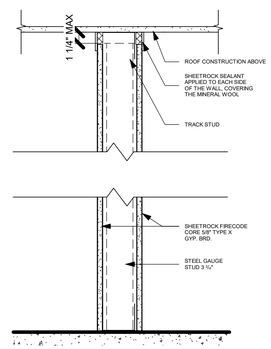
NOT RELEASED FOR CONSTRUCTION



1 BUILDING A SECTION 1
1/4" = 1'-0"



2 BUILDING A SECTION 2
1/4" = 1'-0"



3 1-HR. FIRE WALL (UL U303)
1 1/2" = 1'-0"

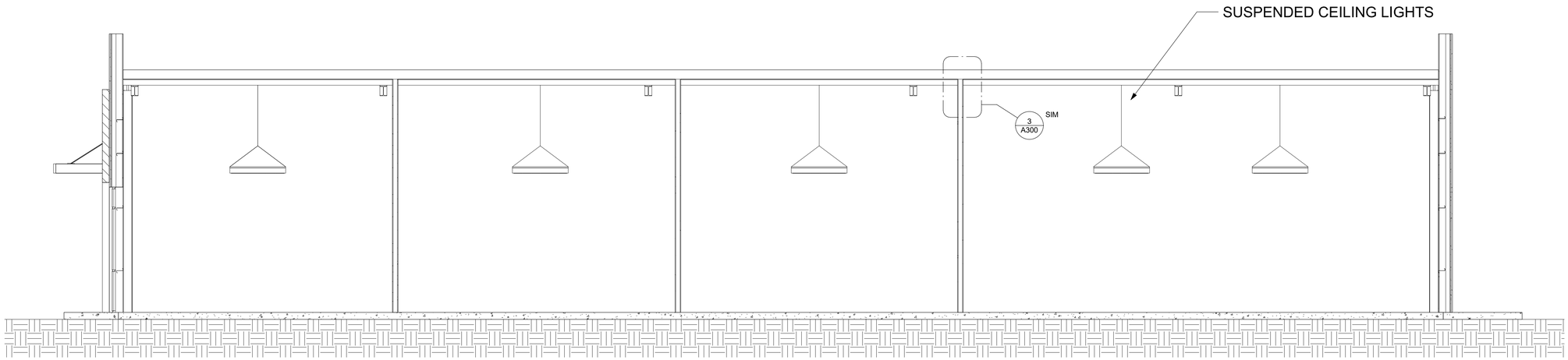
Revision Schedule		
No.	Date	By

DATE	ISSUE DATE
DRAWN:	JTC
CHECKED	MCB

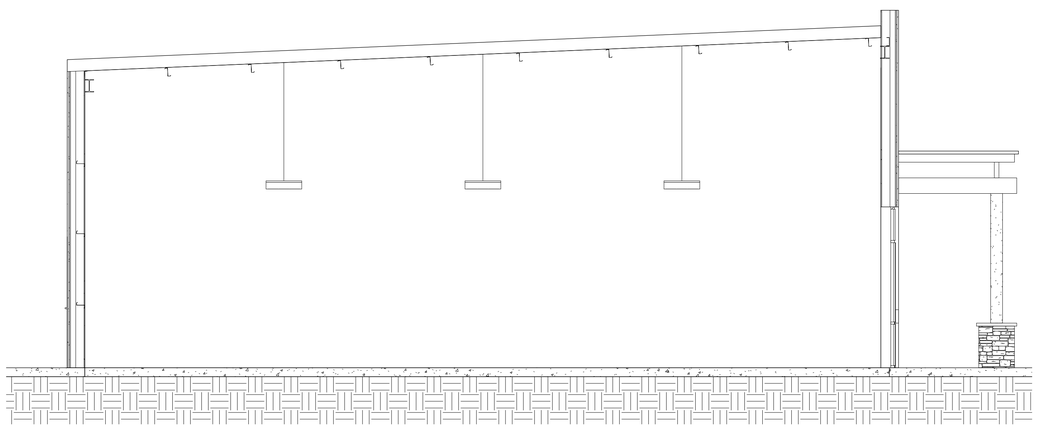
JOB NO.
0603-2022

SHEET NO.
A300

NOT RELEASED FOR CONSTRUCTION



1 **BUILDING B SECTION 1**
1/4" = 1'-0"



2 **BUILDING B SECTION 2**
1/4" = 1'-0"

Revision Schedule		
No.	Date	By

DATE	ISSUE DATE
DRAWN:	JTC
CHECKED	MCB

JOB NO.
0603-2022

SHEET NO.
A301

NOT RELEASED FOR CONSTRUCTION

SPECIFICATIONS:

1. SCOPE:
A. FURNISH ALL LABOR, MATERIAL, EQUIPMENT AND TOOLS REQUIRED TO COMPLETE INSTALLATION OF THE ELECTRICAL SYSTEM INCLUDING BUT NOT LIMITED TO WIRING, BOXES, LIGHTING FIXTURES, PANELS, SWITCHES, RECEPTACLES, DEVICES, FEEDERS, DISCONNECTS, STARTERS, FITTINGS AND ALL OTHER WORK INDICATED ON THE DRAWINGS OR AS SPECIFIED HEREIN.
B. OBTAIN ALL PERMITS, INSPECTIONS AND APPROVALS AS REQUIRED BY THE LOCAL AUTHORITIES HAVING JURISDICTION AND DELIVER APPROVAL CERTIFICATE TO THE GENERAL CONTRACTOR. ALL ASSOCIATED FEES SHALL BE PAID BY THE CONTRACTOR.
C. DO NOT SCALE THESE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL EQUIPMENT AND CONFORM W/ OWNER'S REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBLE FOR THE SYSTEM TO BE IN COMPLETE PROPER WORKING ORDER. THIS CONTRACTOR SHALL CO-ORDINATE HIS WORK WITH OTHER TRADES TO AVOID INTERFERENCES AND DELAYS IN CONSTRUCTION.
D. CONTRACTOR SHALL COMPLY WITH CURRENT OSHA REQUIREMENTS.
E. ALL MATERIALS AND EQUIPMENT OF THE ELECTRICAL SYSTEM NECESSARY FOR ITS PROPER OPERATION BUT NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS BUT REASONABLY IMPLIED, SHALL BE FURNISHED AND INSTALLED WITHOUT ADDITIONAL CHARGE.
F. THE CONTRACTOR SHALL FULFILL ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS AND SHALL COMPLETE THE IMPROVEMENTS SHOWN ON THE DRAWINGS AND INDICATED IN THE GENERAL NOTES. ALL SYSTEMS SHALL BE FINISHED AND PROVEN TO BE OPERATIONAL AND USABLE.
G. THE ELECTRICAL CONTRACTOR FURNISH AND INSTALL THE NECESSARY TEMPORARY POWER FOR ALL TRADES INVOLVED IN THE PROJECT ALL SYSTEMS SHALL BE FINISHED AND PROVEN TO BE OPERATIONAL AND USABLE.
H. WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE 2018 NATIONAL ELECTRICAL CODE AND STATE OF GEORGIA LATEST AMENDMENTS.

2. SUBMITTALS AND SUBSTITUTION:
A. WITHIN 30 DAYS AFTER AWARD OF THE CONTRACT THE CONTRACTOR SHALL SUBMIT FOR APPROVAL A COMPLETE LIST OF EQUIPMENT AND MATERIALS PROPOSED FOR THIS PROJECT. ANY EQUIPMENT OR MATERIALS NOT SUBMITTED WITHIN THIS PERIOD SHALL BE INSTALLED AS SPECIFIED.
B. SUBMIT FOR THE ENGINEERS REVIEW 5 COPIES OF INFORMATION ON ALL DEVICES AND WIRING COMPONENTS INTENDED TO BE PROVIDED THIS INCLUDES PANELS, WIRING DEVICES, CONDUIT BOXES, WIRE AND SYSTEM DEVICES.
C. PRODUCTS SUBSTITUTION MAY BE PROPOSED BY THE CONTRACTOR WITHIN 30 DAYS FOR ANY EQUIPMENT SPECIFIED. SUFFICIENT DETAILED INFORMATION IS TO BE FURNISHED IN ORDER FOR ANY SUBSTITUTION TO BE EVALUATED.

3. COORDINATION:
A. COORDINATE ALL WORK WITH OTHER TRADES INVOLVED IN THIS PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACTUAL LOCATION OF EQUIPMENT, DUCTWORK, PIPING, ETC., AND COORDINATE HIS INSTALLATION ACCORDINGLY.
B. VERIFY ALL EQUIPMENT LOCATIONS, HORSEPOWER, VOLTAGE, PHASE & ETC. BEFORE ROUTING CONDUIT AND WIRE TO THE EQUIPMENT. NOTIFY THE ENGINEER OF ALL DISCREPANCIES.
C. ALL MATERIAL SHALL FIT THE SPACE AVAILABLE. VERIFY DIMENSIONS AND CLEARANCES AT BUILDING BEFORE COMMENCING WORK.

4. UTILITIES:
A. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE POWER AND TELEPHONE SYSTEMS WITH THE UTILITIES PROVIDING EACH SERVICE. AND PAY FOR ALL METERING, CURRENT TRANSFORMERS, POWER TRANSFORMERS, PAD LOCATION, AND/OR OVERHEAD SERVICE WITH THE POWER CO.
B. STUB OUT THE TELEPHONE SERVICE AT THE ROADWAY AS DIRECTED BY THE TELEPHONE CO.
C. ALL CONDUIT TERMINATIONS AT THE PROPERTY LINE SHALL BE MARKED WITH AN IRON STAKE DRIVEN FLUSH WITH THE FINISHED GRADE.

5. CONDUIT:
A. ALL WIRING SHALL BE ROUTED IN CONDUIT EXCEPT LOW VOLTAGE WIRING UNLESS NOTED OTHERWISE.
B. CONDUIT ON THE INTERIOR OF THE BUILDING SHALL BE ANODIZED OR SHERARDIZED ELECTRICAL METALLIC TUBING. ALL E.M.T. FITTINGS SHALL BE COMPRESSION TYPE, NO SET SCREW FITTINGS WILL BE PERMITTED.
C. RIGID STEEL CONDUIT SHALL BE ROUTED IN ALL AREAS EXPOSED TO THE WEATHER., STEEL CONDUIT FITTINGS SHALL BE THREADED. ALL BUSHINGS TO HAVE BAKELITE INSERTS.
D. ALL POLYVINYL CHLORIDE CONDUIT SHALL BE SCHEDULE 80. ALL UNDERGROUND CONDUITS TO HAVE STEEL LONG RADIUS ELBOWS.
E. ALL CONDUITS TO BE SUPPORTED PER NEC REQUIREMENTS.

6. CONDUCTORS:
A. ALL CONDUCTORS SHALL BE COPPER, 98% CONDUCTIVITY, STRANDED, WITH 600 VOLT NEC TYPE THHN INSULATION OF 45 MIL. THICKNESS MINIMUM.
B. WIRING #12 & #10 SHALL BE MADE UP USING WIRE CONNECTORS, T&B SCOTCHLOK OR IDEAL WITH INTERNAL SPRINGS.
C. WIRING #8 AND LARGER SHALL BE MADE UP WITH CONNECTORS, T&B OR O.Z.
D. A PULLING COMPOUND APPROVED FOR USE WITH PLASTIC INSULATION SHALL BE USED AT ALL TIMES.
E. METAL CLAD CABLE WITH LENGTHS NOT TO EXCEED 20' MAY BE USED AS PERMITTED BY LOCAL CODES.
F. COMPLETE ELECTRICAL SYSTEMS SHALL BE PROVIDED AS SHOWN ON THE DRAWINGS AND/OR AS SPECIFIED HEREIN.
G. ALL SYSTEMS SHALL HAVE A GROUND CONDUCTOR.

7. OUTLET BOXES:
A. ALL DEVICES AND LIGHTING FIXTURES TO HAVE AN OUTLET BOX. LEAVE AN 8" PIGTAIL FOR CONNECTION OF DEVICES.
B. BOXES AND COVERS SHALL BE GALVANIZED STEEL, NOT LESS THAN 1/16" THICK AND IN EVERY INSTANCE OF SUCH FORM AND DIMENSIONS AS TO BE ADAPTED TO ITS SPECIFIC USAGE.
C. CEILING OUTLET BOXES SHALL BE 1 1/2" OR 2 1/2" DEEP, 4" OCTAGONAL.
D. WALL OUTLET BOXES FOR TOGGLE SWITCHES AND CONVENIENCE OUTLETS SHALL BE 1 1/2" OR 2 1/2" DEEP, 4" OCTAGONAL.
E. OUTLET BOXES IN EXPOSED CONDUIT SHALL BE CAST FERROUS ALLOY, GALVANIZED.
F. INSTALL ALL OUTLET BOXES WITHIN 1/8" OF WALL SURFACE.

8. WIRING DEVICES:
A. ALL DEVICES SHALL BE AS MANUFACTURED BY GENERAL ELECTRIC, PASS & SEYMOUR, ARROW-HART OR HUBBELL.
B. WIRING DEVICES SHALL CONFORM WITH APPLICABLE SECTIONS OF NEMA STANDARD WD-1.
(1.) DEVICE COVER PLATES
A. ALL DEVICE COVER PLATES SHALL BE NYLON OF COLOR AS SELECTED BY OWNER.
B. COORDINATE DEVICE COVER PLATES TO AWARE THAT ALL ARE OF THE SAME COLOR. ALL VOLTS SHALL HAVE A COVER PLATE.
(2.) WALL SWITCHES
A. WALL SWITCHES SHALL BE FLUSH TYPE, 20 AMPERES, 120/277 VOLTS, IVORY COLOR, SPECIFICATION GRADE, DESIGNED FOR QUIET OPERATION, WITH A GROUNDING TERMINAL.
B. SINGLE POLE WALL SWITCHES SHALL BE EQUAL TO ARROW-HART #1991.
C. THREE-WAY AND OTHER CONFIGURATION OF SWITCHES SHALL BE OF SAME QUALITY AND MANUFACTURES SERIES AS SINGLE POLE SWITCHES.
(3.) WALL RECEPTACLES
A. DUPLEX RECEPTACLES SHALL BE SPECIFICATION GRADE, NEMA 5-15R CONFIGURATION, BACK &SIDE WIRED, WITH GROUNDING TERMINAL SCREW.
B. DUPLEX RECEPTACLES SHALL BE EQUAL TO ARROW-HART #5262.
C. ALL CONFIGURATION OF RECEPTACLES SHALL BE OF SAME QUALITY AND MANUFACTURES SERIES AS DUPLEX RECEPTACLES.

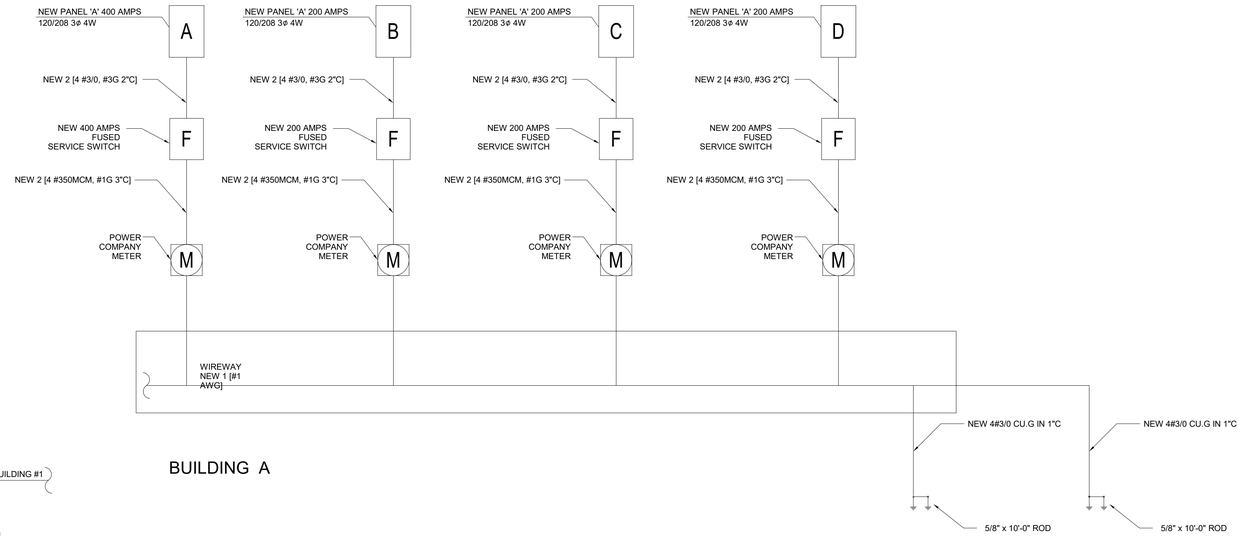
9. BRANCH CIRCUIT PANEL BOARDS:
A. PANEL BOARDS SHALL BE SIEMENS, GENERAL ELECTRIC, WESTINGHOUSE OR CUTLER HAMMER.
B. BRANCH CIRCUIT PAPERBOARDS SHALL BE FACTORY ASSEMBLED WITH CIRCUIT BREAKERS AND SPACES AS SCHEDULED ON THE DRAWINGS.
C. LABEL PANEL AS PER ARTICLE 408.4 OF THE 2018 NEC.
(1.) PANEL BOARDS
A. PANEL BOARDS SHALL BE SINGLE OR THREE PHASE, TYPE NLAB FOR 208Y/120V SERVICE, OR NHAB FOR 480Y/277V SERVICE.
B. PANEL MAINS SHALL BE COPPER OF VOLTAGE AND AMPERAGE SCHEDULED ON THE DRAWINGS.
C. CIRCUIT BREAKERS SHALL BE QUICK LAG TYPE, BOLT-ON OF QUANTITY, VOLTAGE AND TRIP RATINGS SCHEDULED.
D. MULTI-POLE BREAKERS SHALL BE SINGLE HANDLE, INTERNAL COMMON TRIP.
E. ALL GROUND BUSS SHALL BE COPPER, BRAZED TO THE PANEL CAN.
F. ALL FLUSH MTD. PANEL BOARDS TO HAVE 4-3/4" CONDUITS STUBBED INTO CEILING SPACE.
G. A TYPEWRITTEN CARD INDICATING THE LOADS CONTROLLED BU EACH BREAKER SHALL BE PROVIDED IN EACH CABINET. LABEL SPARES & SPACES IN PENCIL.

10. DISCONNECT SWITCHES:
A. DISCONNECT SWITCHES SHALL BE SIEMENS, GENERAL ELECTRIC, WESTINGHOUSE OR CUTLER HAMMER.
B. DISCONNECT SWITCHES SHALL BE HEAVY DUTY, FUSIBLE OR NON FUSIBLE AS INDICATED ON THE DRAWINGS. THEY SHALL BE OF AMPERE RATING AND NUMBER OF POLES AS NOTED AND OF VOLTAGE RATING AS REQUIRED FOR THE VOLTAGE OF THE CIRCUIT IN WHICH USED.

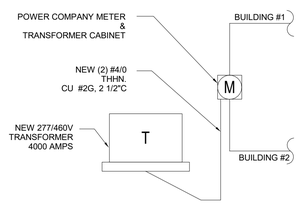
11. INDIVIDUALLY ENCLOSED CIRCUIT BREAKERS:
(1.) INSTALLATION
A. CIRCUIT BREAKERS SHALL BE MOLDED CASE OF VOLTAGE RATING, FRAME SIZE, NUMBER OF POLES AND AMPERE RATING AS NOTED ON THE DRAWINGS.
B. CIRCUIT BREAKERS AND DISCONNECT SWITCHES SHALL BE INSTALLED ON WALLS, POWER BACKBOARDS, PLENUMS, ETC. AS INDICATED ON THE DRAWINGS.
C. DISCONNECTS & OTHER DEVICES AT ROOF TOP EQUIPMENT SHALL BE MOUNTED ON 1" MARINE GRADE PLYWOOD, PAINTED WITH TWO COATS OF PRIMER & E COATS OF GRAY PAINT. MOUNT PLYWOOD ON TWO ANGLE IRON SUPPORTS MOUNTED IN PITCH POCKETS.

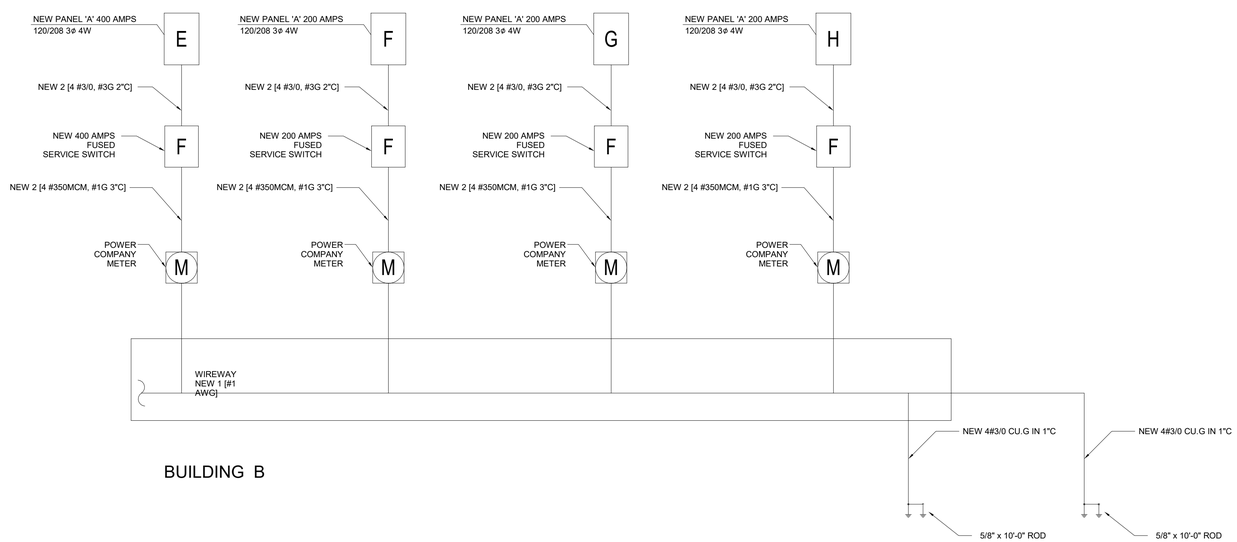
12. LIGHT FIXTURES:
A. VERIFY ALL CEILING TYPES FOR RECESSED FIXTURES BEFORE ORDERING FIXTURES.
B. LOCATION OF ALL LIGHTING FIXTURES ON THE ELECTRICAL DRAWINGS ARE APPROXIMATE, REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION.
C. LIGHTING FIXTURES INSTALLED IN EXPOSED T BAR CEILINGS SHALL HAVE TWO 300 POUND SAFETY CHAINS TO SUPPORT FIXTURE IN THE EVENT OF CEILING FAILURES.
D. SURFACE MTD. LIGHTING FIXTURES INSTALLED ON EXPOSED T BAR CEILINGS SHALL USE PATENTED GRID CLIPS ON THE T BARS TO SUPPORT THE FIXTURES AND SHALL BE INSTALLED WITH 1/2" SPACER BETWEEN FIXTURE & CEILING.
E. RECESSED OR SURFACE LIGHTING FIXTURES INSTALLED IN OR ON PLASTER CEILINGS SHALL BE SUPPORTED FROM PIECES OF SUPPORT CHANNEL SPANNING ACROSS THE MAIN SUPPORT CHANNELS AND NOT DEPENDON THE METAL LATH FOR SUPPORT.
F. ALL RECESSED FIXTURES IN SUSPENDED CEILING AREAS SHALL BE INSTALLED USING FLEXIBLE CONDUIT AND #14 WIRE. THE FLEXIBLE CONDUIT SHALL BE CONNECTED TO THE FIXTURE AND THE COVER OF THE OUTLET BOX. DO NOT USE "DAISY CHAIN" METHOD OF THE SUITABILITY FOR SUCH USE.
G. RECESSED INCANDESCENT FIXTURES SHALL BE EQUIPPED WITH THERMAL PROTECTION AND SHALL BEAR THE UL LABEL INDICATING THE SUITABILITY FOR SUCH USE.
H. LENS MATERIAL FOR RECESSED FIXTURES SHALL BE 125 ACRYLIC THICK WITH A SQUARE PRISM PATTERN SIMILAR TO KSH-12.
I. ALL LIGHT FIXTURES SHALL BE STAMPED WITH THE MANUFACTURER AND CATALOGUE NUMBER IN A PLACE CONCEALED FROM PUBLIC VIEW.
(1.) LAMP
A. FLUORESCENT LAMPS SHALL BE ENERGY SAVINGS, COOL WHITE, T-8 SERIES OF WATTAGE INDICATED ON THE PLANS.
B. INCANDESCENT LAMPS SHALL BE OF THE WATTAGE INDICATED ON THE PLANS RATED AT 130V.

13. FIRE ALARM
A. REFERENCE ARCHITECTURAL DOCUMENTS FOR ADDITIONAL INFORMATION ON DEVICE LOCATIONS.



BUILDING A





BUILDING B

NOTE:
SERVICE OUTLETS HEATING, AIR CONDITIONING, AND REFRIGERATION EQUIPMENT SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION.

NOTE:
ALL 150-VOLTS TO GROUND OR LESS, AND SINGLE PHASE, 50 AMPS OR LESS RECEPTACLES INSTALLED OUTDOOR, BATHROOMS, KITCHENS, OR ROOFTOP AREAS SHALL HAVE GROUND-FAULT CIRCUIT- INTERRUPTER PROTECTION.

NOTE:
CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF BREAKERS AND WIRE CONNECTIONS.
IF ANY DISCREPANCIES ARE FOUND, CONTRACTOR SHALL NOTIFY TO ENGINEER PRIOR TO WORK.

Revision Schedule

No.	Date	By

DATE ISSUE DATE
DRAWN: CLC
CHECKED MCB

JOB NO.
0603-2022

SHEET NO.
E1

NOT RELEASED FOR CONSTRUCTION

TYPE	NQOB	TYP. PANEL BOARD "A"									AIC	25000	MIN
MAINS	200										VOLTAGE	120	208
MOUNING	FLUSH										PH/WIRE	3	4
# OF SLOTS	42												
CRKT. #	TO SERV.	DEMAND	LOAD	CRKT. BRKR.	PHASE LOAD			CRKT. BRKR.	DEMAND	LOAD		TO SERV.	CRKT. #
		KVA	KVA	TRIP POLES	A	B	C	TRIP POLES	KVA	KVA			
1	Lighting	0.13	0.1	15/1	0.1				0.00				2
3		0.00				0.0			0.00				4
5		0.00					0.0		0.00				6
7		0.00			0.0				0.00				8
9		0.00				0.0			0.00				10
11		0.00					0.0		0.00				12
13		0.00			0.0				0.00				14
15		0.00				0.0			0.00				16
17		0.00					0.0		0.00				18
19		0.00			0.0				0.00				20
21		0.00				0.0			0.00				22
23		0.00					0.0		0.00				24
25		0.00			0.0				0.00				26
27		0.00				0.0			0.00				28
29		0.00					0.0		0.00				30
31		0.00			0.0				0.00				32
33		0.00				0.0			0.00				34
35		0.00					0.0		0.00				36
37	Outlet HVAC	1.92	2.4	20/1	2.4				0.00				38
39	RTU	1.68	2.4	35/1		2.4			0.00				40
41		1.68	2.4				2.4						42
LEFT TOTAL		5.405	7.3		2.5	2.4	2.4		0	0.0	RIGHT TOTAL		
CONNECTED LOAD			**7.3**	KVA		1000	1.732	208		=		**20.26 AMP**	
DEMAND LOAD			**5.4**	KVA		1000	1.732	208		=		**15.00 AMP**	

TYP. PANEL BOARD A - TO BE USED FOR: SUITES B,C,D,F,G,H

TYPE	NQOB	TYP. PANEL BOARD "B"									AIC	25000	MIN
MAINS	400										VOLTAGE	120	208
MOUNING	FLUSH										PH/WIRE	3	4
# OF SLOTS	42												
CRKT. #	TO SERV.	DEMAND	LOAD	CRKT. BRKR.	PHASE LOAD			CRKT. BRKR.	DEMAND	LOAD		TO SERV.	CRKT. #
		KVA	KVA	TRIP POLES	A	B	C	TRIP POLES	KVA	KVA			
1	Lighting	0.13	0.1	15/1	0.1				0.00				2
3		0.00				0.0			0.00				4
5		0.00					0.0		0.00				6
7		0.00			0.0				0.00				8
9		0.00				0.0			0.00				10
11		0.00					0.0		0.00				12
13		0.00			0.0				0.00				14
15		0.00				0.0			0.00				16
17		0.00					0.0		0.00				18
19		0.00			0.0				0.00				20
21		0.00				0.0			0.00				22
23		0.00					0.0		0.00				24
25		0.00			0.0				0.00				26
27		0.00				0.0			0.00				28
29		0.00					0.0		0.00				30
31		0.00			0.0				0.00				32
33		0.00				0.0			0.00				34
35		0.00					0.0		0.00				36
37	Outlet HVAC	1.92	2.4	20/1	2.4				0.00				38
39	RTU	3.08	4.4	60/1		4.4			0.00				40
41		3.08	4.4				4.4						42
LEFT TOTAL		8.205	11.3		2.5	4.4	4.4		0	0.0	RIGHT TOTAL		
CONNECTED LOAD			**11.3**	KVA		1000	1.732	208		=		**31.37 AMP**	
DEMAND LOAD			**8.2**	KVA		1000	1.732	208		=		**22.78 AMP**	

TYP. PANEL BOARD A - TO BE USED FOR: SUITE A

TYPE	NQOB	TYP. PANEL BOARD "C"									AIC	25000	MIN
MAINS	400										VOLTAGE	120	208
MOUNING	FLUSH										PH/WIRE	3	4
# OF SLOTS	42												
CRKT. #	TO SERV.	DEMAND	LOAD	CRKT. BRKR.	PHASE LOAD			CRKT. BRKR.	DEMAND	LOAD		TO SERV.	CRKT. #
		KVA	KVA	TRIP POLES	A	B	C	TRIP POLES	KVA	KVA			
1	Lighting	0.13	0.1	15/1	0.1				0.00				2
3		0.00				0.0			0.00				4
5		0.00					0.0		0.00				6
7		0.00			0.0				0.00				8
9		0.00				0.0			0.00				10
11		0.00					0.0		0.00				12
13		0.00			0.0				0.00				14
15		0.00				0.0			0.00				16
17		0.00					0.0		0.00				18
19		0.00			0.0				0.00				20
21		0.00				0.0			0.00				22
23		0.00					0.0		0.00				24
25		0.00			0.0				0.00				26
27		0.00				0.0			0.00				28
29		0.00					0.0		0.00				30
31		0.00			0.0				0.00				32
33		0.00				0.0			0.00				34
35		0.00					0.0		0.00				36
37	Outlet HVAC	1.92	2.4	20/1	2.4				0.00				38
39	RTU	2.38	3.4	50/1		3.4			0.00				40
41		2.38	3.4				3.4						42
LEFT TOTAL		6.805	9.3		2.5	3.4	3.4		0	0.0	RIGHT TOTAL		
CONNECTED LOAD			**9.3**	KVA		1000	1.732	208		=		**25.81 AMP**	
DEMAND LOAD			**6.8**	KVA		1000	1.732	208		=		**18.89 AMP**	

TYP. PANEL BOARD A - TO BE USED FOR: SUITE E

Revision Schedule		
No.	Date	By

DATE ISSUE DATE

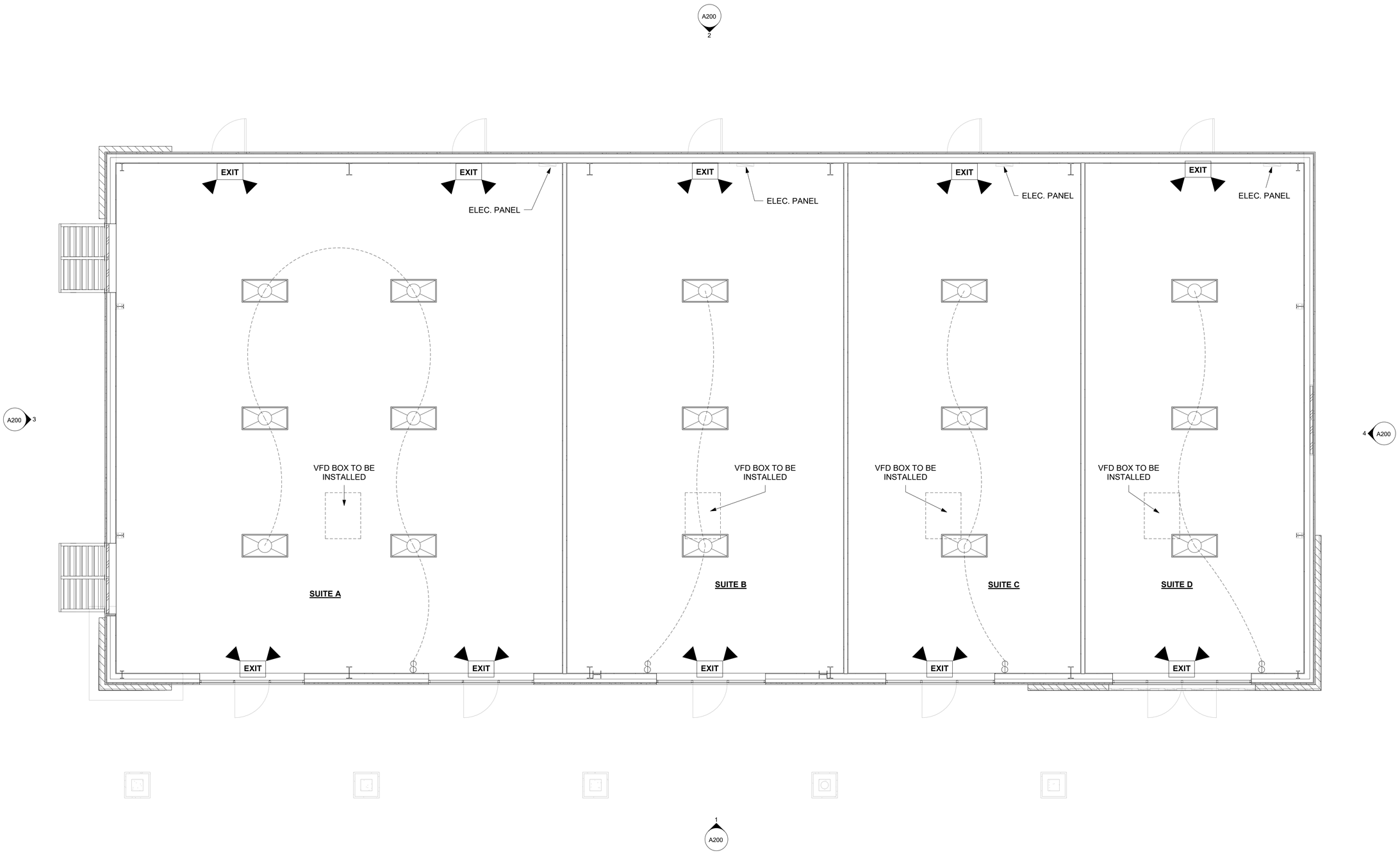
DRAWN: CLC

CHECKED MCB

JOB NO.
0603-2022

SHEET NO.
E2

NOT RELEASED FOR CONSTRUCTION



1 CEILING PLAN A

1/4" = 1'-0"

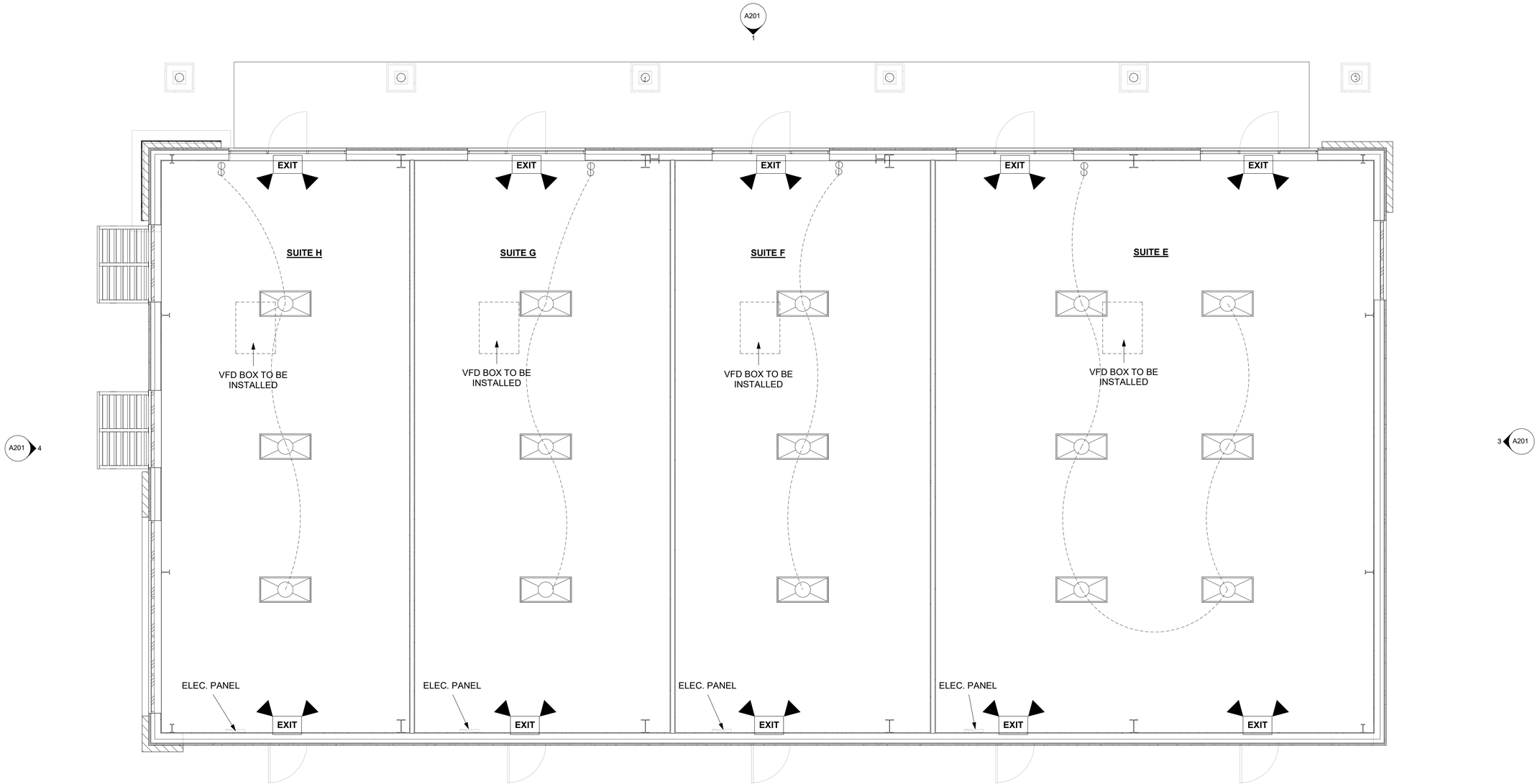
Revision Schedule		
No.	Date	By

DATE	ISSUE DATE
DRAWN:	JTC
CHECKED	MCB

JOB NO.
0603-2022

SHEET NO.
E3

NOT RELEASED FOR CONSTRUCTION



1 CEILING PLAN B

1/4" = 1'-0"

Revision Schedule		
No.	Date	By

DATE	ISSUE DATE
DRAWN:	JTC
CHECKED	MCB

JOB NO.
0603-2022

SHEET NO.
E4

NOT RELEASED FOR CONSTRUCTION

HVAC GENERAL NOTE

1. ALL MECHANICAL EQUIPMENT AND INSTALLATIONS SHALL CONFORM WITH THE REQUIREMENTS OF THE STANDARD MECHANICAL CODE, THE STANDARD BUILDING CODE, THE STATE ENERGY CODE, NFPA 90A, 101, AND ALL APPLICABLE CODES AND ORDINANCES.
2. DO NOT SCALE THESE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL EQUIPMENT AND CONFORM W/ OWNER`S REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBLE FOR THE SYSTEM TO BE IN COMPLETE PROPER WORKING ORDER. THIS CONTRACTOR SHALL CO-ORDINATE HIS WORK WITH OTHER TRADES TO AVOID INTERFERENCES AND DELAYS IN CONSTRUCTION.
3. PRIOR TO PURCHASING ANY MATERIALS OR STARTING ANY WORK, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, DUCTWORK SIZES AND LOCATIONS, EQUIPMENT, ETC. SHOWN ON THE DRAWINGS OR AFFECTING THIS WORK AND SHALL REPORT ANY DEVIATIONS TO THE ARCHITECT.
4. SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT PRIOR TO ORDERING, PURCHASING, OR FABRICATING ANY MECHANICAL EQUIPMENT. SHOP DRAWINGS SHALL INCLUDE: ALL NEW EQUIPMENT SCHEDULED OR SPECIFIED ON THE DRAWINGS. SHOP DRAWINGS SHALL HAVE THE EQUIPMENT LABELED TO MATCH THE UNIT DESIGNATION SHOWN ON THE DRAWINGS. PROVIDE ALL INFORMATION INDICATED IN THE SCHEDULES OR ON THE DRAWINGS. SUBMIT ALL EQUIPMENT AT THE SAME TIME.
5. CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL DRAWINGS PRIOR TO ORDERING EQUIPMENT OR SUBMITTING SHOP DRAWINGS, AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN.
6. ALL MECHANICAL EQUIPMENT REQUIRING ELECTRICAL POWER SHALL BE INSTALLED WITH DISCONNECT SWITCHES AT EACH PIECE OF EQUIPMENT. COORDINATE SWITCH TYPE (FUSED OR NON-FUSED) WITH EQUIPMENT CHARACTERISTICS, MANUFACTURER'S RECOMMENDATIONS AND ELECTRICAL DRAWINGS.
7. ALL REQUIRED CONTROL WIRING NOT SHOWN ON THE ELECTRICAL DRAWINGS SHALL BE INCLUDED AS PART OF THE MECHANICAL WORK.
8. UNLESS NOTED OTHERWISE, STARTERS, SMOKE DETECTORS, TRANSFORMERS, CONTROLS AND CONTROL WIRING REQUIRED FOR ALL MECHANICAL SYSTEMS SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR.
9. STARTERS FOR MECHANICAL EQUIPMENT SHALL BE PROVIDED BY HVAC.
10. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
11. ALL MECHANICAL EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY OWNER.
12. ALL HVAC COMPRESSORS SHALL HAVE EXTENDED 5-YEAR MANUFACTURER'S WARRANTY.
13. FOR EXACT LOCATION OF ROOF MOUNTED MECHANICAL EQUIPMENT SEE ARCHITECTURAL ROOF PLANS AND STRUCTURAL DRAWINGS, COORDINATE THESE ITEMS WITH THE ARCHITECT, STRUCTURAL ENGINEER AND LANDLORD PRIOR TO START OF WORK.
14. CONTRACTOR SHALL VERIFY EXISTING MECHANICAL ROOF TOP UNIT LOCATIONS PRIOR TO DUCTWORK.
15. SUPPLY, RETURN, MAKE-UP, AND EXHAUST DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET METAL AS RECOMMENDED IN SMACNA HVAC DUCT CONSTRUCTION STANDARDS, LATEST EDITION. ALL JOINTS AND SEAMS IN ALL SHEET METAL DUCTWORK SHALL BE SEALED WITH DUCT SEALER, UL LISTED 181A OR 181B FOR TAPES AND MASTICS. DO NOT USE DUCT TAPE.
16. DUCT ABOVE CEILING: 1.5" THICK, MINIMUM R=6.0, JOHNS MANVILLE TYPE 800 OR EQUAL.
17. DUCTWORK CONNECTING KITCHEN EXHAUST HOODS TO ROOF TOP EXHAUST FANS SHALL BE CONSTRUCTED OF 16 GAUGE BLACK STEEL OR 18 GAGE STAINLESS STEEL. ALL GREASE EXHAUST DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED ACCORDING TO REQUIREMENTS OF LOCAL CODE AUTHORITIES AND NFPA 96 REQUIREMENTS. INSTALL GASKETED ACCESS DOORS AT EACH CHANGE OF DIRECTION. DOOR SHALL NOT BE LESS THAN 1.5" FROM EDGE OF DUCTWORK.
18. DUCT INSULATION, FIBERGLASS DUCT WRAP, WITH FOIL FACED VAPOR BARRIER INSULATION SHALL BE UL LISTED. JOHNS MANVILLE, OWENS CORNING, OR EQUAL. IF DUCTWORK SUPPORT STRAPS ARE ATTACHED TO THE DUCT THEN LOCATE STRAPS INSIDE THE INSULATION AND SEAL WITH MASTIC AT PUNCTURE. ALL PUNCTURES (STAPLES) AND PENETRATIONS OF THE FOIL VAPOR BARRIER SHALL BE SEALED AIRTIGHT WITH FOIL TAPE AND/OR MASTIC. MASTIC MUST BE APPLIED THICK ENOUGH TO COMPLETELY COVER STAPLES. PERIMETER JOINTS SHALL BE FORMED SUCH THAT THE INSULATION ON THE TOP OF THE DUCT OVERLAPS THE INSULATION ON THE SIDES AND THE SIDES OVERLAP THE BOTTOM. DO NOT COMPRESS THE INSULATION WITH TRAPEZE TYPE HANGERS - WHERE NECESSARY PROVIDE WOOD DOWELS OR BLOCKS THE SAME THICKNESS AS THE INSULATION INSERTED INTO THE INSULATION AT THE HANGER.
19. AS A MINIMUM, INSULATE KITCHEN HOOD EXHAUST DUCT LOCATED IN THE BUILDING WITH INSULATION HAVING THE FOLLOWING CHARACTERISTICS: MIN. 1.5 LB/ CU.FT., FIBERGLASS, FOIL FACED (FRK), CAPABLE OF BEING USED ON SURFACES WITH TEMPERATURES OF 450° F., FLAME SPREAD 25 OR LESS AND SMOKE DEVELOPED OF 50 OR LESS. OWENS CORNING TYPE 701 INSULATION. CLEANOUTS FOR DUCT SHALL BE COVERED BY ENCLOSURE AND HAVE AN INSULATION OVERLAP OF 3" OR AS REQUIRED. SEE MANUFACTURERS INSTALLATION INSTRUCTIONS. MAINTAIN 18" CLEAR FROM COMBUSTIBLE PRODUCTS / CONSTRUCTION AND MAINTAIN MINIMUM 6" CLEAR FROM PRODUCTS / CONSTRUCTION WITH LIMITED COMBUSTIBILITY. CONTACT ARCHITECT IF A PRODUCT IS QUESTIONABLE AS TO THE DEGREE OF COMBUSTION. IF COMBUSTIBLE PRODUCTS ARE UNAVOIDABLE, WRAP DUCT (COMPLETELY COVER) WITH INSULATION HAVING THE FOLLOWING CHARACTERISTICS: 3" THICK (FOR 2 HOUR RATING) FIRE PROOFING BOARD OF CALCIUM SILICATE, LISTINGS OF IMC AND NFPA 96 AND UL LISTED, ZERO CLEARANCE TO COMBUSTIBLES. INSTALL PER THE MANUFACTURER'S INSTRUCTIONS INCLUDING THE PROPER CEMENT. SUPER FIRETEMP GREASE DUCT ENCLOSURE BY JOHNS MANVILLE OR EQUAL. CLEANOUTS FOR DUCT SHALL BE COVERED BY ENCLOSURE AND HAVE AN INSULATION OVERLAP OF 3" OR AS REQUIRED - SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND DIAGRAMS. ALL GREASE DUCT SHALL SLOPE BACK TOWARDS THE HOOD A MINIMUM OF 1/4" PER LINEAR FOOT.
20. ALL DUCTWORK SHALL BE CONSTRUCTED BY THE GUIDELINES OF SMACNA (MINIMUM OF THE 1995 EDITION IF NO MORE CURRENT ADDITION IS AVAILABLE). DUCT AND EQUIPMENT SHALL BE SUPPORTED BY THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR CEILING STRUCTURE. DUCT SUPPORTS AND ATTACHMENT TO STRUCTURE SHALL BE AS PER SMACNA STANDARDS. ALL EXHAUST DUCT UNDER A NEGATIVE PRESSURE AND ALL RETURN DUCT LOCATED IN CEILING PLENUMS SHALL BE CONSTRUCTED TO A MINIMUM PRESSURE CLASS OF NEGATIVE AS DEFINED BY SMACNA. SUPPLY AND MAKE-UP AIR DUCT SHALL BE CONSTRUCTED TO A PRESSURE CLASSIFICATION OF 1" AND
21. FLEXIBLE DUCTWORK SHALL BE THE INSULATED TYPE (R=6.0), CLASS I AIR DUCT, UL 181 LISTED, THERMAFLEX OR EQUAL. DUCT SHALL BE SIZED AT 0.08"/100 FT STATIC PRESSURE DROP WHERE A SIZE IS NOT NOTED ON DRAWINGS. FLEXIBLE DUCTWORK SHALL BE INSTALLED AS STRAIGHT AS POSSIBLE, AND SHALL BE ROUTED AND SUPPORTED WITHOUT FORMING CRIMPS OR OTHER AIR FLOW RESTRICTIONS. PROVIDE SQUARE TO ROUND ADAPTERS OR BOOTS TO CONNECT TO AIR DEVICE NECK WHEN REQUIRED.
22. ROUND AND FLEXIBLE DUCTWORK SHALL BE CONNECTED TO MAIN DUCTS WITH SPIN-IN FITTINGS WITH BALANCING DAMPERS.
23. PORTIONS OF DUCTWORK VISIBLE THROUGH AIR DISTRIBUTION DEVICES IN FINISHED AREAS SHALL BE PAINTED FLAT BLACK.
24. DUCTWORK DIMENSIONS SHOWN ON THE DRAWINGS ARE INSIDE CLEAR DIMENSIONS. INCREASE SIZE TO ACCOMMODATE LINER.
25. AFTER CONSTRUCTION, THE ENTIRE HVAC SYSTEM, INCLUDING THE EXHAUST, MAKE-UP, SUPPLY AND RETURN AIR SYSTEMS SHALL BE TESTED, ADJUSTED, AND BALANCED TO DELIVER THE AIR QUANTITIES SHOWN ON THE DRAWINGS. SUBMIT CERTIFIED TEST AND BE TESTED, ADJUSTED, AND BALANCED TO DELIVER THE AIR QUANTITIES SHOWN ON THE DRAWINGS. SUBMIT CERTIFIED TEST AND BALANCE REPORT TO ARCHITECT FOR APPROVAL. TESTING AGENCY SHALL BE AABC OR NEBB CERTIFIED AND SHALL BE INDEPENDENT (NONAFILIATED) FROM THE CONTRACTOR (INCLUDING SUBCONTRACTOR). EXHAUST AND RETURN SYSTEMS UNDER NEGATIVE PRESSURE SHALL NOT EXCEED BY MORE THAN 10% FOR EACH FAN AND BY NO MORE THAN 10% AT EACH INLET OF THE VALUES INDICATED ON THE DRAWINGS.
26. ALL WORK SHALL BE COORDINATED AND PERFORMED WITH PRIOR APPROVAL FROM THE OWNER TO SUIT HIS OPERATING CONDITIONS.
27. ANY EXISTING WALL, FLOOR, OR CEILING SURFACE THAT IS DISTURBED DURING THE COURSE OF THE HVAC WORK SHALL BE REPAIRED TO MATCH NEW AND/OR EXISTING CONDITIONS.
28. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL MECHANICAL EQUIPMENT, DUCTWORK, ETC. TO FIT WITHIN THE SPACE ALLOWED BY THE ARCHITECTURAL AND STRUCTURAL CONDITIONS. CUTTING OR OTHERWISE ALTERING ANY STRUCTURAL MEMBERS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE ARCHITECT.
29. THERMOSTATS SHALL NOT HAVE MERCURY. MOUNT THERMOSTATS 4'-4" A.F.F. UNLESS NOTED OTHERWISE. PROVIDE CLEAR LOCKING COVER ASSEMBLIES FOR ALL THERMOSTATS.
30. LOCATIONS OF GRILLES, REGISTERS, & DIFFUSERS SHOWN ON THE DRAWINGS ARE APPROXIMATE. COORDINATE EXACT LOCATIONS WITH LIGHTS, CEILING GRID, ETC.
31. PROVIDE ACCESS PANELS IN NON-ACCESSIBLE CEILINGS AND IN WALL STRUCTURE TO ALLOW ADEQUATE ROOM FOR MAINTENANCE OF EQUIPMENT AND BALANCING OF SYSTEM.
32. ALL EQUIPMENT SHALL BE LABELED WITH BAKELITE PLASTIC ENGRAVED NAMEPLATES WITH MINIMUM 1" LETTERING.
33. DURING CONSTRUCTION AND PRIOR TO OPERATING RTUS PROVIDE 2" PLEATED FILTERS, 60% EFFICIENT, IN UNITS. ALSO PROVIDE FILTER MEDIA AT RETURN DUCT INLET. AT TIME OF TEST AND BALANCE REMOVE FILTER MEDIA AND PLEATED FILTERS AND PROVIDE SCHEDULED/SPECIFIED FILTERS FOR RTUS.
34. ACCESS DOORS IN CEILINGS/WALLS SHALL BE A MINIMUM OF 12X12, HINGED, AND FIRE RATED TO MATCH CEILING/WALL RATING. DUCT ACCESS DOORS SHALL BE DOUBLE WALL IF INSTALLED ON SUPPLY DUCT, AND PROVIDED WITH THUMB LATCHES FOR AN AIR TIGHT FIT.
35. PROVIDE MVDS AT TAKE-OFFS, WHERE ACCESSIBLE CEILING (LAY-IN) IS PROVIDED, OF RUNOUTS TO DIFFUSERS AND WHERE SHOWN ON PLANS. WHERE BALANCING DAMPERS ARE ALSO PROVIDED AT THE SUPPLY GRILLE/DIFFUSER (SEE SCHEDULE), BALANCE THE SYSTEM WITH THE DAMPER AT THE TAKE-OFF (NOT AT GRILLE). GRILLE DAMPER SHOULD BE 100% OPEN AFTER TEST AND BALANCE.
36. DO NOT USE TURNING VANES ON RETURN, EXHAUST, OR OA DUCT ELBOWS UNLESS NOTED OR SHOWN AS INSTALLED. INSTEAD USE STANDARD RADIUS ELBOWS.
37. WALL CAPS FOR TOILET EXHAUST SHALL HAVE A PRESSURE DROP NOT GREATER THAN 0.10" AT 150 CFM. PENN MODEL SL20 OR EQUAL.
38. ROUTE DUCT HIGH AS POSSIBLE UNDER JOIST/ROOF SUPPORT.
39. FIRE STOPPING ALL PIPE AND DUCT PENETRATIONS OF FIRE AND OR SMOKE-RATED ASSEMBLIES SHALL BE FIRE-STOPPED AS REQUIRED TO RESTORE ASSEMBLY TO THE ORIGINAL INTEGRITY. FIRE BARRIER PRODUCTS SHALL BE AS MANUFACTURED BY 3M CO. CP25 CAULK, CS195 COMPOSITE PANEL, FS195 WRAP/ STRIP, OR PSS 7900 SERIES SYSTEM AS RECOMMENDED BY MFG. FOR PARTICULAR APPLICATION, OR EQUIVALENT SYSTEM AS APPROVED BY LOCAL CODE OFFICIALS.
40. FIRE DAMPERS SHALL BE AS NOTED IN THE DETAILS.
41. SMOKE DETECTORS INSTALLED IN THE SUPPLY AIR SYSTEM WHERE MULTIPLE AIR-HANDLING SYSTEMS SHARE A COMMON SUPPLY OR RETURN AIR DUCTS WITH A COMBINED DESIGN CAPACITY GREATER THAN 2,000CFM

NEW ROOF TOP UNIT SCHEDULE

SUITE NUMBER	TAG	COOLING					HEATING			ELECTRICAL DATA							MANUFACTURE	MODEL
		NOMINAL TONNAGE	TOTAL CFM	NET COOLING CAPACITY (MBH)	TOTAL kW	EER/ SEER	HEATING INPUT CAPACITY (MBH)	OUTPUT CAPACITY (MBH)	AFUE (%)	NOMINAL VOLTAGE	DISCONNECT SIZE		COMPRESSOR MOTORS		CONDENSER FAN MOTOR			
											MCA	MOCP	RLA	LRA	FLA	LRA		
B/C/D/F/G/H	RTU-1	2.5 TONS	1,000	28,600	4.8	11.0/13.0	60,000	48,000	80	208/230-1	22.9	35	14.1	73.0	2.0	4.6	DAIKIN	DP14GM3006041AA
E	RTU-2	4 TONS	1,600	46,500	6.7	11.0/13.0	60,000	48,000	80	208/230-1	32.0	50	19.9	109	2.0	4.6	DAIKIN	DP14GM4806041AA
A	RTU-3	5 TONS	2,000	28,600	4.8	11.0/13.0	120,000	94,000	80	208/230-1	42.3	60	27.1	152.9	2.0	4.6	DAIKIN	DP14GM3006041AA

ACCESSORIES

A. COOLING CAPACITIES BASED ON 95 DEG. F. AMBIENT ENTERING CONDENSER COIL.
B. UNIT SHALL BE BELT DRIVE.
C. PROVIDE 2" THICK, PLEATED, 30% FILTERS (SEE GENERAL NOTES THIS SHEET).
D. PROVIDE ENTHALPY ECONOMIZER WITH POWERED EXHAUST/RELIEF FAN.
E. PROVIDE A PROGRAMMABLE 7 DAY THERMOSTAT, WITH 2 HOUR OVERRIDE BUTTON, SETBACK TEMPERATURES, 10 HOUR BATTERY BACKUP, AUTOMATIC CHANGEOVER AND 5° DEADBAND CAPABILITY BETWEEN HEAT AND COOL.
F. PROVIDE AN INTEGRAL CONVENIENCE OUTLET.
G. WEIGHT INCLUDES UNIT. ACCESSORIES AND ROOF CURB.
H. COOLING CAPACITIES SHALL NOT BE LESS THAN THE VALUES SCHEDULED, VALUES SHOWN ARE GROSS VALUES.
I. PROVIDE SMOKE DETECTOR FOR THE SUPPLY AIR STREAM OF EACH AIR DISTRIBUTION SYSTEM.

Revision Schedule

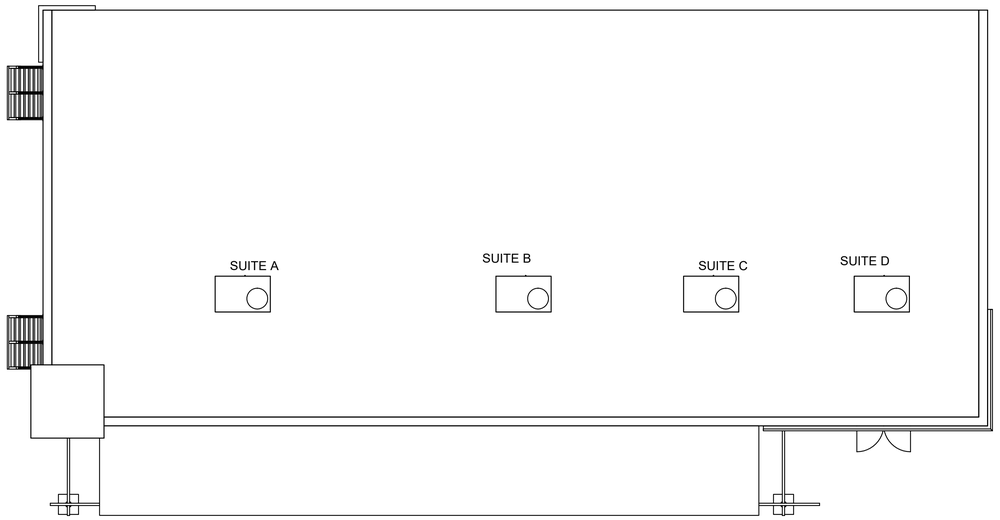
No.	Date	By

DATE ISSUE DATE
DRAWN: CLC
CHECKED MCB

JOB NO.
0603-2022

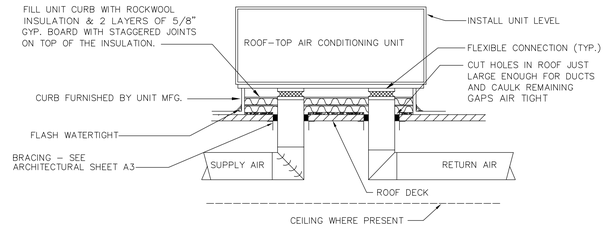
SHEET NO.
M1

NOT RELEASED FOR CONSTRUCTION



1 ROOF PLAN A HVAC

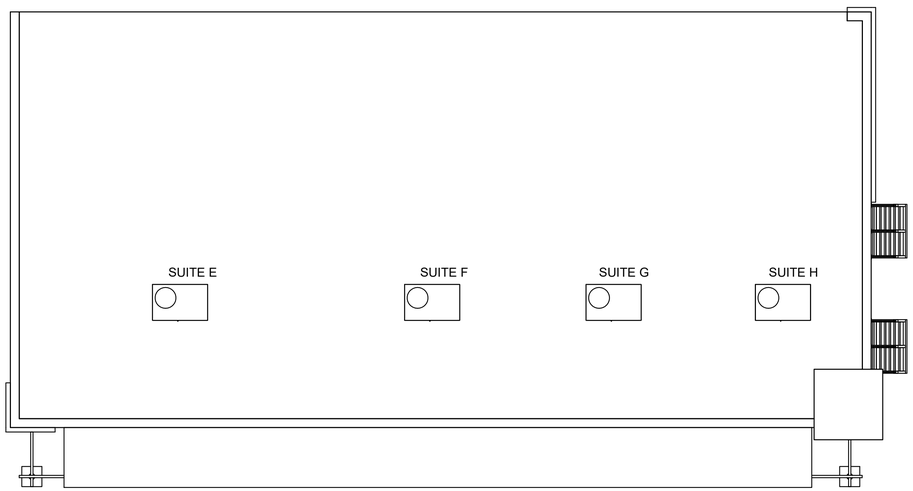
1/8" = 1'-0"



NOTE:
CONTRACTOR SHALL VERIFY SLOPE OF ROOF PRIOR TO PURCHASE AND INSTALLATION OF ROOF CURB.

ROOF-TOP UNIT DETAIL

NOT TO SCALE



2 ROOF PLAN B HVAC

1/8" = 1'-0"

Revision Schedule		
No.	Date	By

DATE ISSUE DATE
DRAWN: CLC
CHECKED MCB

JOB NO.
0603-2022

SHEET NO.
M2

NOT RELEASED FOR CONSTRUCTION