

2018 APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)

Name of Project: LAKESIDE SELF STORAGE
Address: 5556 NC 2102 W ANGIER, NC
Proposed Use: SELF STORAGE FACILITY
Zip Code: 27501
Owner or Authorized Agent: GWIN AUSTON
Telephone: 919 369-8872
Email: gauton@gsdinc.com

LEAD DESIGN PROFESSIONAL
G. CLEVELAND PATE, PLLC ARCHITECTURE-PLANNING
Designer: G. CLEVELAND PATE, PLLC
NAME: G. CLEVELAND PATE
LICENSE #: NC 4895
TELEPHONE #: 919 851-0052
EMAIL: PATEARCHITECTURE@GMAIL.COM

2018 NC BUILDING CODE
New Building
Addition
Renovation
1st Time Interior Completion

Shell/Core-Contact the local inspection jurisdiction for possible additional procedures and requirements
Phased Construction-Shell/Core-Contact the local inspection jurisdiction for possible additional procedures and requirements.

2018 NC EXISTING BUILDING CODE: EXISTING:
Prescriptive
Repair
Chapter 14
Alteration: Level 1
Level II
Level III
Historic Priority
Change of Use

CONSTRUCTED: (date) NA
CURRENT OCCUPANCIES (CH.3): NA
RENOVATED: (date) NA
PROPOSED OCCUPANCIES (CH.3): SI SELF STORAGE

RISK CATEGORY (TABLE 1604.5):
CURRENT: I
II
III
IV
PROPOSED: I
II
III
IV

BASIC BUILDING DATA

Construction Type: I-A
II-A
III-A
IV
V-A
II-B
III-B
V-B
Sprinklers: No
Partial
Yes
NAPA13
NFPA 13R
NFPA 13D
Standpipes: No
Yes
Class: I
II
III
Wet
Dry
Fire District: No
Yes (Primary)
Flood Hazard Area: No
Yes
Special Inspections Req: No
Yes
Contact the local inspection jurisdiction for additional procedures and requirements.

NOTE: SEE STRUCTURAL DRAWINGS FOR SPECIAL INSPECTION FORM WHICH MAY BE IMPLEMENTED IF REQUESTED BY LOCAL INSPECTIONS OR STRUCTURAL.

Table with columns: FLOOR, EXISTING (SQ FT), NEW (SQ FT), SUB-TOTAL. Rows include FIRST, TOTAL, and ALLOWABLE AREA.

PRIMARY OCCUPANCY CLASSIFICATION

Assembly: A-1, A-2, A-3, A-4, A-5
Business
Educational
Factory: F-1 Moderate, F-2 Low
Hazardous: H-1 Detonate, H-2 Deflagrate, H-3 Combust, H-4 Health, H-5 HPM
Institutional: I-1, I-2, I-3, I-4
Mercantile
Residential: R-1, R-2, R-3, R-4
Storage: S-1 Moderate, S-2 Low, High-Piled
Utility and Miscellaneous

ACCESSORY OCCUPANCY CLASSIFICATIONS: NA

INCIDENTAL USES (TABLE 509): NA

SPECIAL USES (CHAPTER 4-LIST CODE SECTIONS): NA

SPECIAL PROVISIONS: (CHAPTER 5-LIST CODE SECTIONS):

MIXED OCCUPANCIES: No
Yes
Separation: Hr.
Exception

Incidental Use Separation (508.2.5)
This separation is not exempt as a Non-Separated Use (see exception)
Non-Separate Use (508.3)
The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building.

Actual Area of Occupancy A + Actual Area of Occupancy B
Allowable Area of Occupancy A Allowable Area of Occupancy B <= 1

Table with columns: Story No., Description And Use, Bldg. Area Per Story (Actual), Table 506.2 d Area, (B) Table 506.2 d Area, (C) Area For Frontage Increase, (D) Allowable Floor Area Increase, Limit. Row 1: SI, 17,000, 17,500, NA, 12,000MAX.

1. Frontage area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet min. width = ft.(F)
b. Total Building Perimeter = ft.(P)
c. Ratio (F/P) = (F/P)
d. W/Minimum width of public way = ft.(W)
e. Percent of frontage increase Ij = 100(F/P-0.25) x W/30 = (%)(%)
2. Unlimited area applicable under conditions of Section 507
3. Maximum Building Area=total number of stories in the building x D (maximum 3 stories) (506.2)
4. The maximum area of open parking garages must comply with Table 406.5.4
5. Frontage increase is based on the unsprinkled area value in Table 506.2

Table with columns: ALLOWABLE, SHOWN ON PLANS, CODE REFERENCE. Rows for building ht. in feet and building ht. in stories.

1. Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4
2. The maximum height of air traffic control towers must comply with Table 412.3.1
3. The maximum height of open parking garages must comply with Table 406.5.4

FIRE PROTECTION REQUIREMENTS
THIS SECTION REQUIRED FOR ALL PROJECTS

Table with columns: BUILDING ELEMENT, FIRE SEPARATION DISTANCE (FEET), RATING, DETAIL # FOR RATED PEN., DESIGN # FOR RATED PEN., DESIGN # FOR RATED JOINTS. Rows include Structural Frame, BEARING WALLS (EXT), BEARING WALLS (INT), Interior Bearing Walls, NON BEARING WALLS/PARTIAL, Floor construction, Floor ceiling assembly, Columns supporting floors, roof construction, Roof Ceiling Assembly, Columns Supporting Roof, Shaft Enclosures-Exit, Shaft Enclosures-Other, Corridor Separation, Occupancy/Fire barrier sep., Party/Fire wall separation, smoke barrier separation, Smoke Partition, Tenant Dwelling Unit/Sleeping Unit separation, Incidental Use Separation.

Table with columns: FIRE SEPARATION DISTANCE (FT) FROM PROPERTY LINE, DEGREE OF OPENINGS PROTECTION(705.8), ALLOWABLE AREA (%), ACTUAL SHOWN ON PLANS (%). Rows include NA-EXCEEDS DISTANCE, NA-EXCEEDS DISTANCE REQ. FOR ALL PROP. LINES. SEE CIVIL.

Table with columns: Emergency Lighting, Exit Signs, Fire Alarm, Smoke Detection Systems, Carbon Monoxide Detection, Panic Hardware. Rows include No/Yes options.

LIFE SAFETY PLAN REQUIREMENTS
SEE LIFE SAFETY PLANS (ON SMALLER BLDGS INCORP INTO FLOOR PLAN)

- Fire and/or smoke rated wall locations (Chapter 7) NA
Assumed and real property line locations NA SEE SITE/CIVIL
Exterior wall opening area with respect to distance to assumed property lines (705.8) NA
Existing Structures within 30' of the proposed building NA
Occupancy Types for each area as it relates to occupant load calculation (Table 1004.1.1) NA
Occupant Load for each area- LEVEL
Exit access travel distances (1016) ALL MEET MIN.
Common Path of travel distances (1014.3 & 1028.8)
Dead End Lengths (1018.4) ALL LESS THAN 20'
Clear exit widths for each door EXCEEDS MIN. ALL LOC.
Maximum calculated occup load capacity for each exit door can accom based on exit width(1005.1)
Actual occupant load for each exit door MEETS MIN. REQ. LOW OCCUPANCY
A separate schematic plan indicating where the fire rated floor/ceiling and or roof struct is provided for purposes of occupancy separation NA
Location of doors with panic hardware NOTED ON DOOR SCHEDULE
Location of doors with electromagnetic egress locks (1008.1.9.8) NA
Location of doors with hold open devices SEE ELEC.
Location of emergency escape windows (1029) NA
The square footage of each fire area (502) (12,000 MAX OR LESS)
The square footage of each smoke compartment (407.4) SEE ABOVE
Note any code exemptions or table notes that may have been used regarding the items above NA

Table with columns: Total Units, Access Units Req., Access Units Provided, Type A Units Provided, Type B Units Provided, Total Accessible Units Provided. Row: NA

Table with columns: LOT OR PARKING AREA, TOTAL # OF PARK. SPACES, # OF ACCESSIBLE SPACES, TOTAL # ACCESSIBLE PROVIDED. Rows include REQUIRED, PROVIDED, REG. W/5' ACCESS AISLE, 132" ACCESS AISLE, VAN SPACE W/8' ACCESS AISLE, SEE SITE PLAN SUBMITTAL.

Table with columns: USE, WATER CLOSET, URINALS, LAVS, SHOWERS & TUBS, DRINKING FOUNTAINS, NOT REQ. Rows include SELF STOR. EMPLOYEE PROVIDED IN BLDG. A, MALE, FEMALE, UNSEX, MALE, FEMALE, UNSEX, REGULAR, ACCESSIBLE.

SPECIAL APPROVALS
Special Approval: (Local Jurisdiction, Department of Insurance, OSC, DP, DHS, ICC, etc. describe below)
SEE STRUCTURAL FOR SPECIAL INSPECTIONS FORM

STRUCTURAL DESIGN (SEE STRUCTURAL FOR ADDITIONAL DATA)
DESIGN LOADS
Importance Factor: Wind (iw), LO
Snow(S), LO
Seismic(ie), LO
Live Loads: Roof, 20 PSF
Mezzanine, NA PSF
Floor, NA PSF
Floor, 125 PSF
Ground Snow Load: 15 PSF
Wind Load: Basic Wind Speed, 115 mph (ASCE-7)
Exposure Category, C
Wind Base Shears(for MWFRS) Vx=118kIP Vy=92kIP

Seismic Design Category: A, B, C, D
Provide the following Seismic Design Parameters:
Occupancy Category (Table 1604.5) I, II, III, IV
Special Response Acceleration Sa, 15.4 %g, S1.28 %g
Site Classification (table 1613.5.2) A, B, C, D, E, F
Data Source: Field Test, Presumptive, Historical Data

Basic Structural System (check one)
Bearing Wall
Dual w/Special Moment Frame
Building Frame
Dual w/Intermediate R/C or Special Steel
Moment Frame
Inverted Pendulum
Seismic base shear: Vx=78.3kIPS Vy=78.3kIPS
Analysis Procedure: Simplified, Equiv. Lateral force, Dynamic
Architectural, Mechanical, Components Anchored? Yes, No
Lateral Design Control: Earthquake, Wind

Soil Bearing Capacities:
Field Test(provide copy of test report)SEE SOIL REPORT PSF
Presumptive Bearing Capacity 2000 PSF
File Size, type and capacity
Special Inspections Required: Yes, No POSSIBLY TBD

ENERGY SUMMARY

ENERGY REQUIREMENTS:
The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed project.

Existing building envelope complies with code: No
Yes the remainder of this section is N/A
Exempt Building: No
Yes(Provide code or statutory reference) ENERGY CODE 101.12 - 2018 BLDG. 137

CLIMATE ZONE: 3A, 4, 4A, 5
METHOD OF COMPLIANCE:
Prescriptive (Energy Code)
Performance (Energy Code)
Prescriptive (ASHRAE 90.1)
Performance (ASHRAE 90.1)
(If "Other" specify source here) SEE ABOVE

THERMAL ENVELOPE
ROOF/CEILING ASSEMBLY (EACH ASSEMBLY)
Description of Assembly LIGHT FRAMING AND METAL ROOFING

U-Value of total assembly
R-Value of insulation
Skylights in each assembly
U-Value of skylight
Total square footage of skylights in each assembly NA

EXTERIOR WALLS (EACH ASSEMBLY)
Description of Assembly STUD BEARING SHEATHING BRICK & MTL SIDING
U-Value of total assembly
R-Value of insulation
Openings (windows or doors with glazing) GLASS IN DOORS ONLY
U-Value of assembly
Solar Heat Gain Coeff.
Projection factor
Low-e required, if applicable LIMITED GL.S.
Door R-Values R15

WALLS BELOW GRADE (EACH ASSEMBLY) SEE SECTIONS
Description of assembly
U-Value of total assembly
R-Value of insulation
FLOORS OVER UNCONDITIONED SPACE (EACH ASSEMBLY)
Description of assembly NA

FLOORS OVER UNCONDITIONED SPACE (EACH ASSEMBLY)
Description of assembly NA
U-Value of total assembly
R-Value of insulation

FLOORS SLAB ON GRADE (EACH ASSEMBLY)
Description of assembly CONC SLAB OVER VB & 4" OF CLEAN STONE
U-Value of total assembly
R-Value of insulation
Horizontal/Vertical requirement
Slab heated NO

MECHANICAL SUMMARY
MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

THERMAL ZONE
Winter dry bulb
Summer dry bulb
INTERIOR DESIGN CONDITIONS
Winter dry bulb
Summer dry bulb
Relative humidity
BUILDING HEATING LOAD
BUILDING COOLING LOAD
MECHANICAL SPACING CONDITIONING SYSTEM
Unitary
Description of unit
Heating efficiency
Cooling efficiency
Size Category of unit
Boiler
Size Category: If oversized, state reason: NA
Chiller
Size Category: If oversized, state reason:
LIST EQUIPMENT EFFICIENCIES SEE TABLE M1

ELECTRICAL SUMMARY
ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance: SEE ABOVE
Energy Code: Prescriptive, Performance
ASHRAE 90.1: Prescriptive, Performance
Lighting schedule (each fixture type)
lamp type required in fixture
number of lamps in fixture
ballast type used in the fixture
number of ballasts in fixture
total wattage per fixture
total interior wattage specified vs. allowed (whole build. or space by space)
total exterior wattage specified vs. allowed

Additional Prescriptive Compliance NOT REQ. PER STATUTE 131 BUT EFFICIENT EQUIPMENT PROVIDED
C406.2 MORE EFFICIENT HVAC EQUIP. PERFORM.
C406.3 REDUCED LIGHTING POWER DENSITY
C406.4 ENHANCED DIGITAL LIGHTING CONTROLS
C406.5 ON SITE RENEWABLE ENERGY
C406.6 DEDICATED OUTDOOR AIR SYSTEM
C406.7 REDUCED ENERGY USE IN SERVICE WATER HTG.

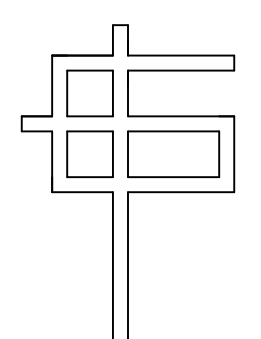
LAKESIDE STORAGE

ANGIER, NC
BLDG. B

COPYRIGHT 2022 DRAWINGS REMAIN THE PROPERTY OF THE ARCHITECT AND CANNOT BE COPIED OR ALTERED WITHOUT THE ARCHITECT'S PERMISSION. PROJECTS ARE SITE SPECIFIC AND CANNOT BE REPRODUCED ON MULTIPLE SITES WITHOUT WRITTEN CONSENT OF THE ARCHITECT.

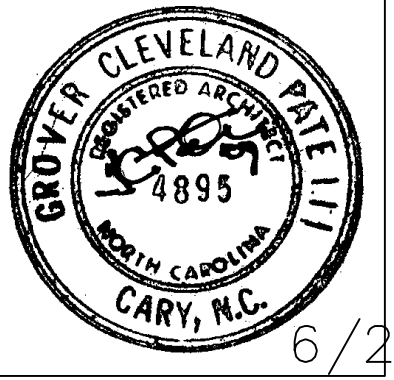
GENERAL NOTES:

REV. DATE: REVISION DESCRIPTION



G. CLEVELAND PATE, PLLC
Architecture + Planning
6013 Fordland Drive, Raleigh, NC 27608
919-851-0052

SEALS:

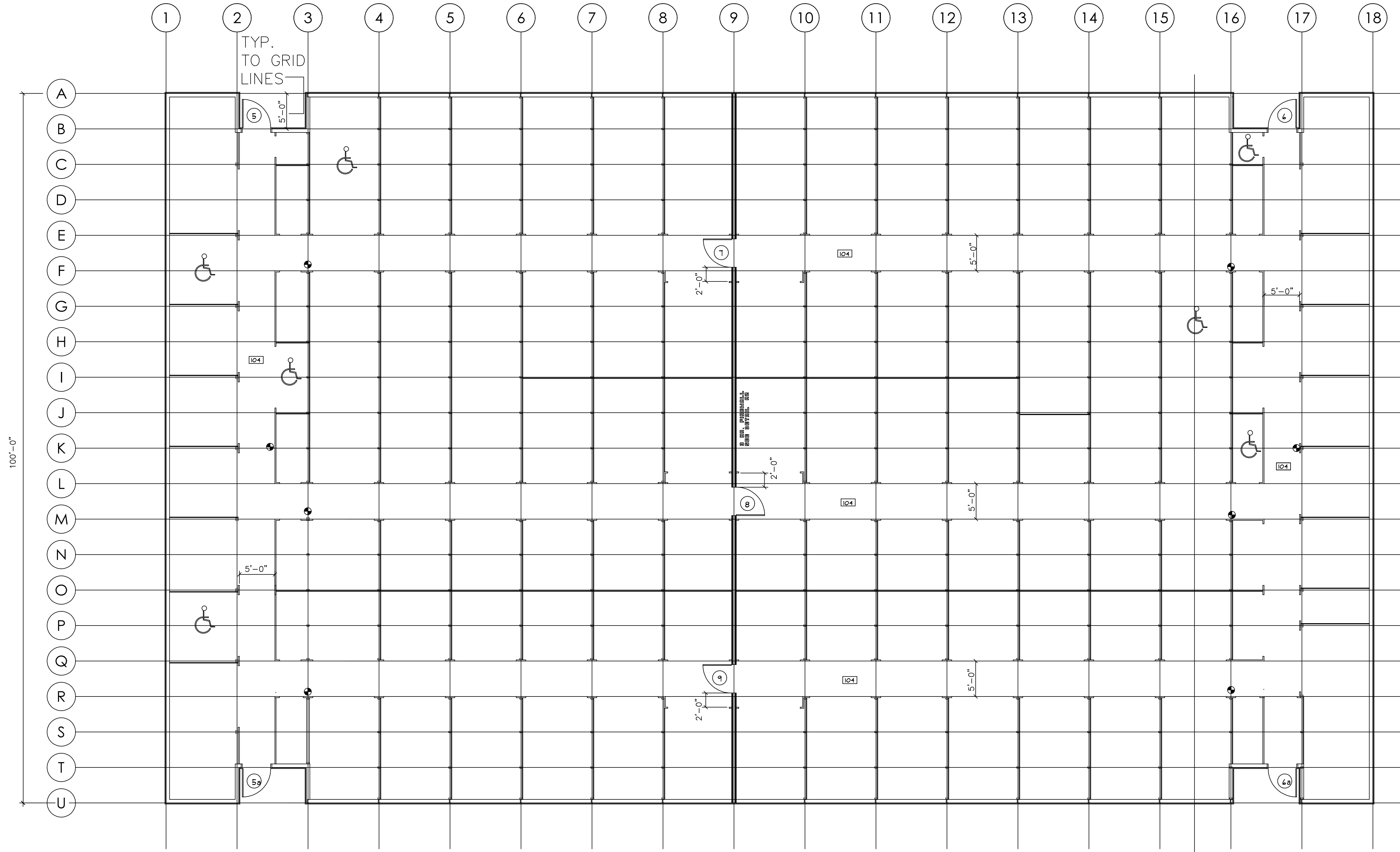


APPENDIX B

Table with columns: SHEET, DESIGNED BY, DRAWN BY, CHECKED BY, APPROVED BY, OF, CAD FILE NAME, PROJECT #, DATE. Includes APPXB and date 6/27/22.

FLOOR PLANS REQUIRE COOR. WITH ELEVATIONS, SECTIONS, & STRUCTURAL FRAMING FOR EXTERIOR MATERIALS.

170'-0"



**FIRE EXTINGUISHERS**

NOTE: INFORMATION SHOWN IS GENERAL AND SUBJECT TO BE REVISED PER TYPE AND LOCATIONS BY THE LOCAL FIRE MARSHALL. CONSULT WITH FIRE MARSHALL PRIOR TO FINAL PLACEMENT.

**[2A TO BC]**  
 MAX TRAVEL DISTANCE TO UNIT 15' OR 150' BETWEEN UNITS, ONE UNIT MUST ALWAYS BE VISIBLE FROM ANY LOCATION. LESS THAN 40# HANDLE HT. 3'-2" AFF MAX. CAB. AND/OR RELEASE MAX. 48" AFF

FE MAY BE WALL MT. W/MANUF. WALL BRACKET.

PROVIDE CLEAR INSTRUCTIONS AT EACH EXTINGUISHER REGARDING INSTRUCTIONAL USE.

ALL EXTERIOR FE UNITS TO BE EXTERIOR GRADE CABINETS W/ALL EXT. GRADE HARDWARE PER MANUF.

● F.E.

**LAKESIDE STORAGE**

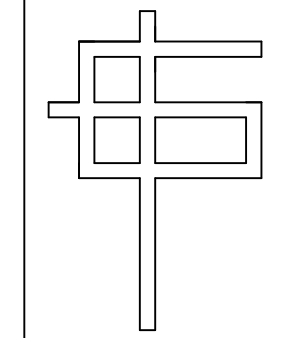
ANGIER, NC  
**BLDG. B**

©COPYRIGHT 2022 DRAWINGS REMAIN THE PROPERTY OF THE ARCHITECT AND CANNOT BE COPIED OR ALTERED WITHOUT THE ARCHITECT'S PERMISSION. PROJECTS ARE SITE SPECIFIC AND CANNOT BE REPRODUCED ON MULTIPLE SITES WITHOUT WRITTEN CONSENT OF THE ARCHITECT.

GENERAL NOTES:

REV. DATE: REVISION DESCRIPTION

REV. DATE:	REVISION DESCRIPTION



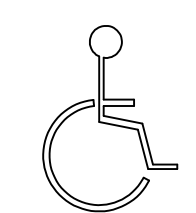
**G. CLEVELAND PATE, PLLC**  
 Architecture • Planning  
 6013 Fordland Drive, Raleigh, NC 27606  
 919-851-0052

SEALS:



6/27/22

**1** FLOOR PLAN  
 A-1  
 1/8" = 1'-0"



5% ADA UNITS  
 7 TOTAL ADA UNITS

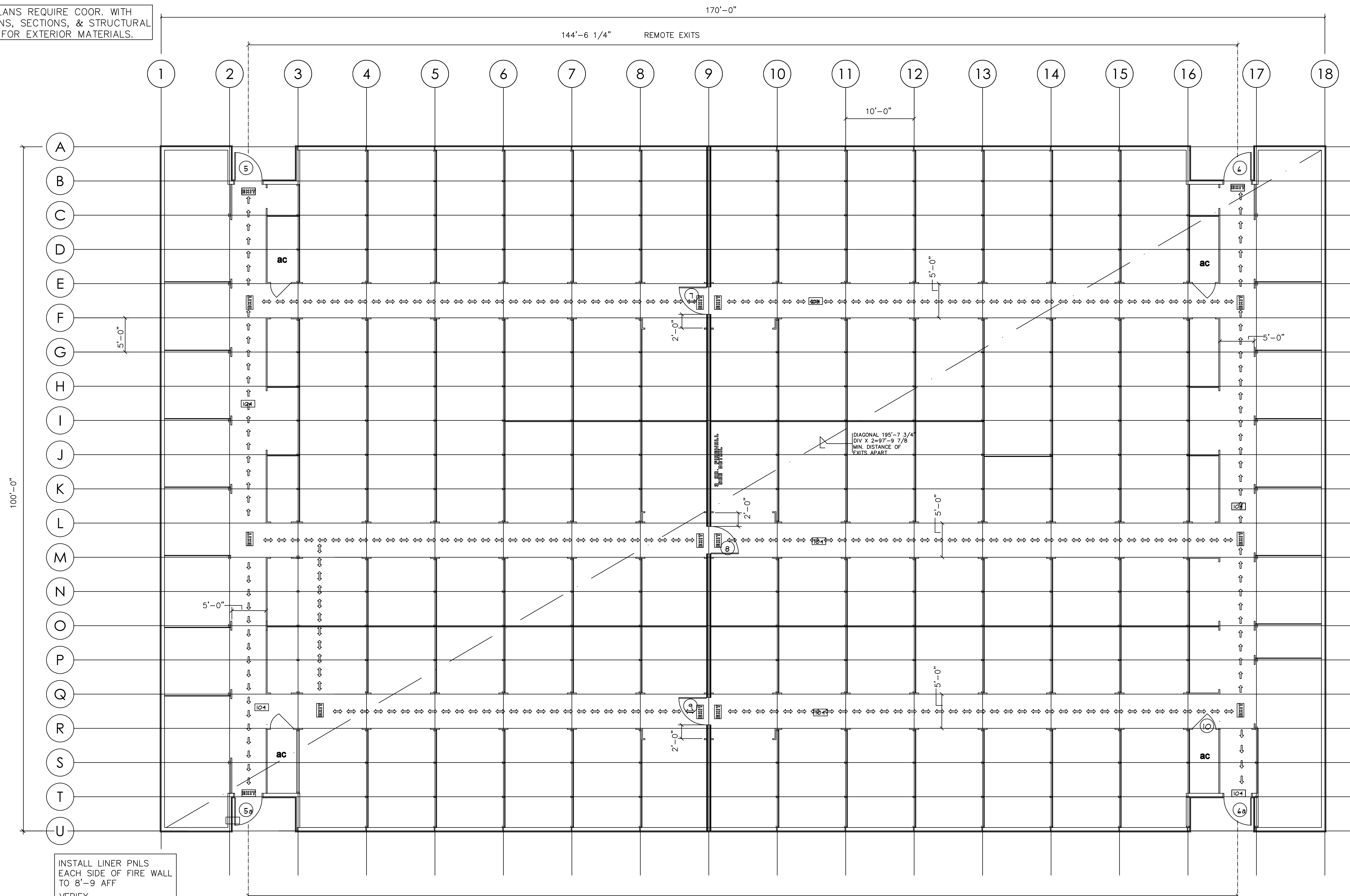
TOTAL BLDG. 17,000 SF  
 OFFICE/TOILET SPACE 568 SF DIV. X 100 SF  
 PER OCCUPANT= 6 OCCUPANTS  
 STORAGE SPACE 16,432 SF DIV. X 500 SF  
 PER OCCUPANT= 33 OCCUPANTS

4'-0" DOORS @ .2" PER PERSON WILL ACCOMMODATE 235 PEOPLE  
 3'-0" DOORS @ .2" PER PERSON WILL ACCOMMODATE 175 PEOPLE  
 ALL DOORS THIS BUILDING INDIVIDUALLY GREATLY EXCEED THE STATED OCCUPANCY LOAD AND AND REQUIRED EGRESS SIZING  
 .2" IS USED AS EXCEPTION 1 (1005.3.2) NOT FULLY MET FOR .15"

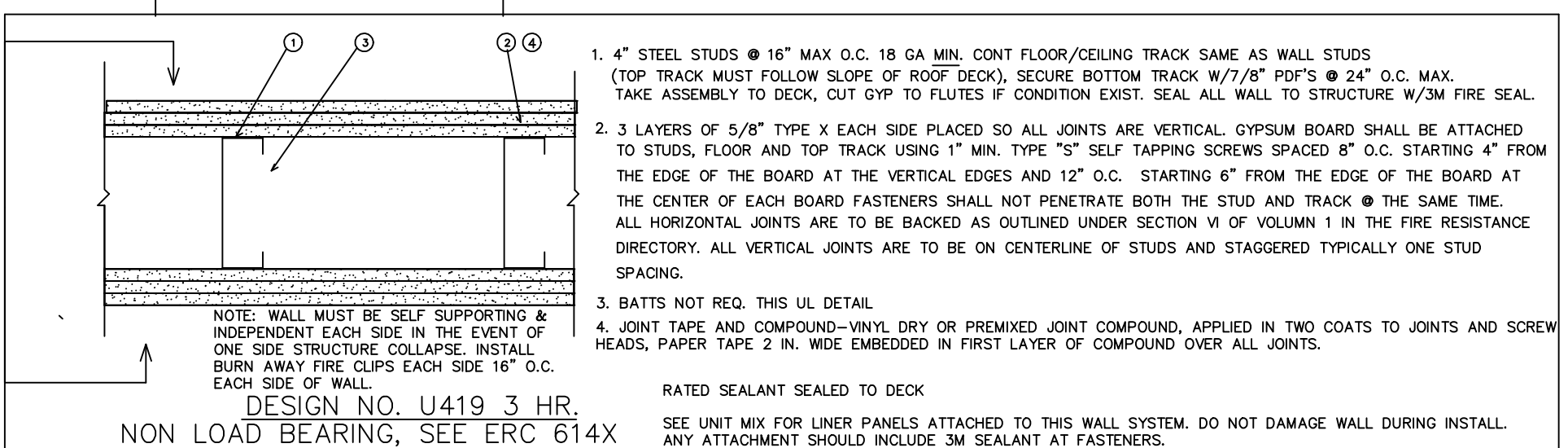
**FLOOR PLAN**

GCP	GCP	SHEET:
DESIGNED BY:	DRAWN BY:	A-1
GCP	GCP	OF:
CHECKED BY:	APPROVED BY:	DATE:
LAKESIDE	LAKESIDEANG	6/27/22
CAD FILE NAME:	PROJECT #	DATE:

FLOOR PLANS REQUIRE COOR. WITH ELEVATIONS, SECTIONS, & STRUCTURAL FRAMING FOR EXTERIOR MATERIALS.



INSTALL LINER PNLS EACH SIDE OF FIRE WALL TO 8'-9 AFF VERIFY



144'-6 1/4" REMOTE EXITS

1 LIFE SAFETY PLAN  
A-2 1/8" = 1'-0"

MAXIMUM TRAVEL DISTANCE TO EXIT- 154'-11 1/2"  
MAXIMUM TRAVEL DISTANCE ALLOWED- 200'  
UNSPRINKLED

TOTAL BLDG. 17,000 SF

STORAGE SPACE 17,000 SF DIV. X 500 SF PER OCCUPANT= 34 OCCUPANTS

FIRE CLIPS: INSTALL BREAK AWAY (MELT) CLIPS EACH SIDE OF FIRE WALL @ 5' O.C. MAX. CLIPS BREAK AWAY UNDER INTENSE HEAT, ALLOWING THE FIRE DAMAGES STRUCTURE TO COLLAPSE ONE SIDE WHILE KEEPING THE FIRE WALL IN PLACE FOR OPP SIDE PROTECTION.

GEN NOTE: WRAP ANY STRUCTURAL STUD MEMBERS IN RATED WALL LINE TO MATCH REQ. UL DETAILS.  
NOTE: COOR ACTUAL FIRE WALL THICKNESS WITH UNIT MIX FINAL LAYOUT ON SITE.

ALT. DETAIL: 3 HR. UL263 DESIGN #455

4'-0 DOORS @ .2" PER PERSON WILL ACCOMODATE 235 PEOPLE  
3'-0 DOORS @ .2" PER PERSON WILL ACCOMODATE 175 PEOPLE  
ALL DOORS THIS BUILDING INDIVIDUALLY GREATLY EXCEED THE STATED OCCUPANCY LOAD AND AND REQUIRED EGRESS SIZING  
.2" IS USED AS EXCEPTION 1 (1005.3.2) NOT FULLY MET FOR .15"

LAKESIDE STORAGE

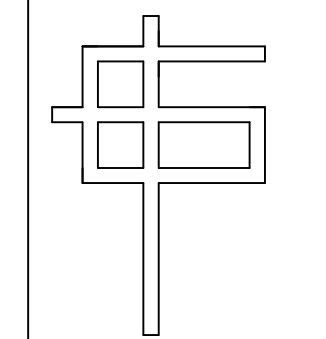
ANGIER, NC  
BLDG. B

©COPYRIGHT 2022 DRAWINGS REMAIN THE PROPERTY OF THE ARCHITECT AND CANNOT BE COPIED OR ALTERED WITHOUT THE ARCHITECT'S PERMISSION. PROJECTS ARE SITE SPECIFIC AND CANNOT BE REPRODUCED ON MULTIPLE SITES WITHOUT WRITTEN CONSENT OF THE ARCHITECT.

GENERAL NOTES:

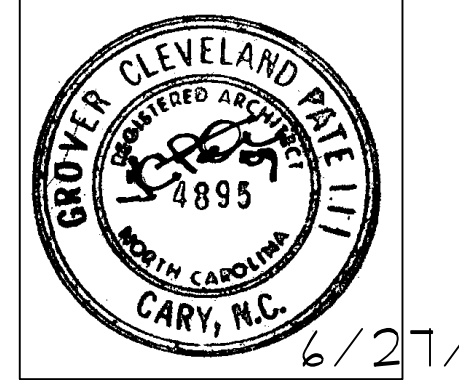
REV. DATE: REVISION DESCRIPTION

REV. DATE:	REVISION DESCRIPTION



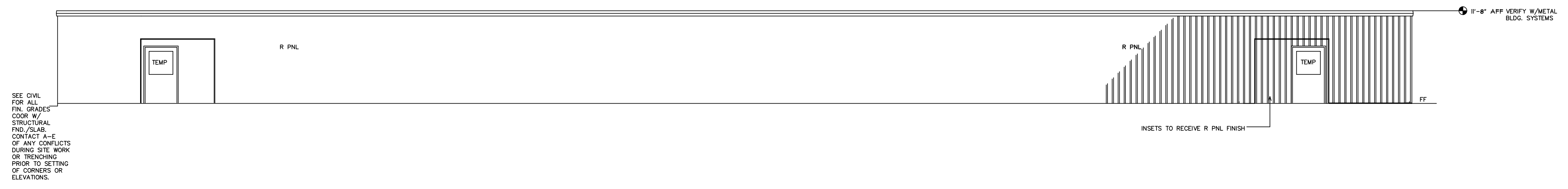
G. CLEVELAND PATE, PLLC  
Architecture • Planning  
6013 Fordland Drive, Raleigh, NC 27606  
919-851-0052

SEALS:



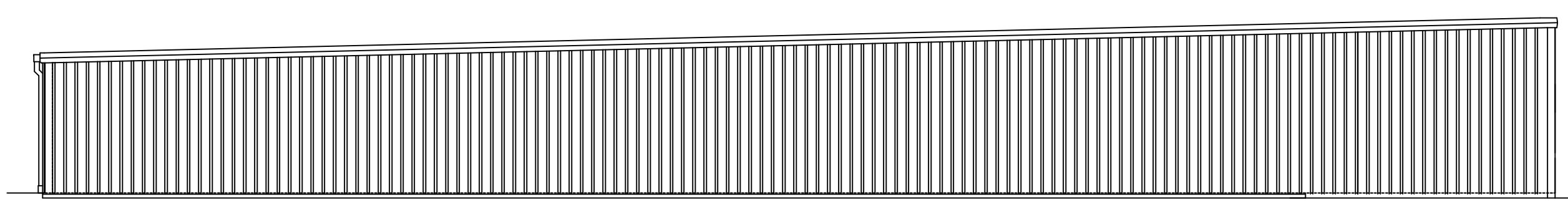
LIFE SAFETY FLOOR PLAN

GCP	GCP	SHEET:
DESIGNED BY:	DRAWN BY:	A-2
GCP	GCP	
CHECKED BY:	APPROVED BY:	OF:
LAKESIDE	LAKESIDEANG	6/27/22
CAD FILE NAME:	PROJECT #	DATE:

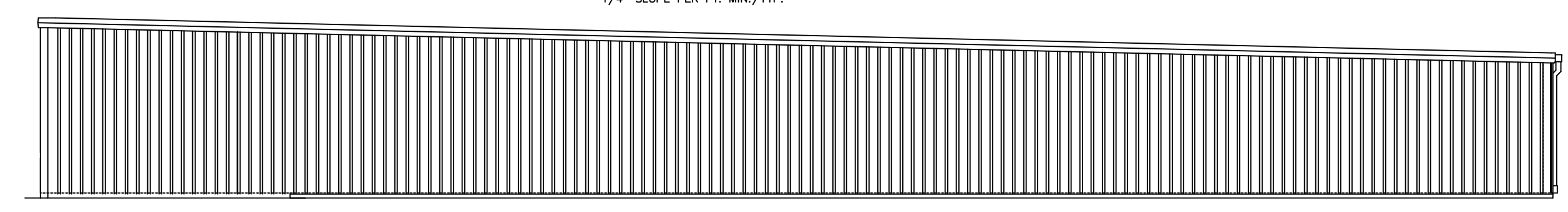


SEE CIVIL FOR ALL FIN. GRADES COOR. W/ STRUCTURAL FND./SLAB. CONTACT A-E OF ANY CONFLICTS DURING SITE WORK OR TRENCHING PRIOR TO SETTING OF CORNERS OR ELEVATIONS.

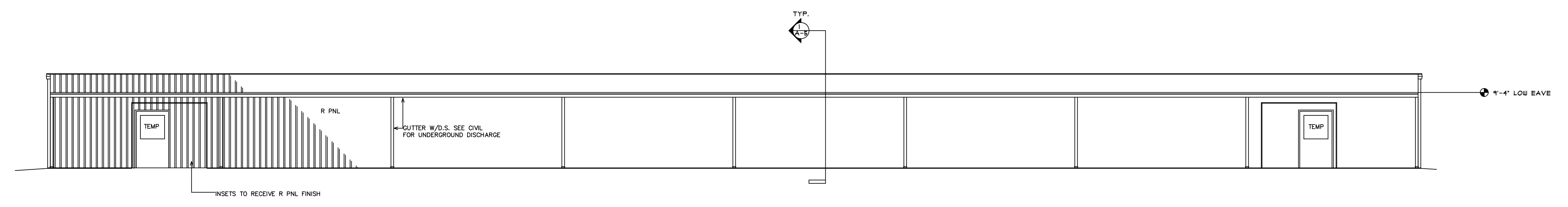
1 FRONT ELEVATION  
A-3 1/8" = 1'-0"



2 LEFT SIDE ELEVATION  
A-3 1/8" = 1'-0"



3 RIGHT SIDE ELEVATION  
A-3 1/8" = 1'-0"



4 REAR ELEVATION  
A-3 1/8" = 1'-0"

LAKESIDE STORAGE

ANGIER, NC  
BLDG. B

©COPYRIGHT 2022 DRAWINGS REMAIN THE PROPERTY OF THE ARCHITECT AND CANNOT BE COPIED OR ALTERED WITHOUT THE ARCHITECT'S PERMISSION. PROJECTS ARE SITE SPECIFIC AND CANNOT BE REPRODUCED ON MULTIPLE SITES WITHOUT WRITTEN CONSENT OF THE ARCHITECT.

GENERAL NOTES:

REV. DATE: REVISION DESCRIPTION

REV. DATE:	REVISION DESCRIPTION

G. CLEVELAND PATE, PLLC  
Architecture • Planning  
6013 Fordland Drive, Raleigh, NC 27606  
919-851-0052

SEALS:

6/27/22

ELEVATIONS

GCP	GCP	SHEET:
DESIGNED BY:	DRAWN BY:	A-3
GCP	GCP	OF:
CHECKED BY:	APPROVED BY:	DATE:
LAKESIDE	LAKESIDEANG	6/27/22
CAD FILE NAME:	PROJECT #	DATE:



DOOR SCHEDULE					(ALL EXTERIOR DOORS TO HAVE WEATHER STRIPS) (SEE PLANS FOR ADA/ANSI IIT ALL ACCESSIBLE UNITS) SEE ACCESSIBILITY NOTE THIS SHEET)	ON STORAGE ACCESS DOORS COOR. W/OWNER ANY CARD READERS		
MARK	WIDTH	HEIGHT	THICK	TYPE	FRAME	HDWR	REMARKS	
BUILDING A	1	3'-0"	7'-0"	1 3/4"	ALUMINUM STOREFRONT FULL GLASS TEMP	ALUMINUM	ACTIVE PUSH BAR/LEVER HNDL. CLSR LOCKSET, ADA THRESH RCE, WEATHER STRIP	KAWNEER MED STILE STOREFRONT KAWNEER TRIFAB 451
	2	3'-0"	7'-0"	1 3/4"	SOLID CORE WOOD	HOLLOW MTL.	LEVER HANDLE, OFFICE LOCK SET, CLSR	
	3	3'-0"	7'-0"	1 3/4"	SOLID CORE WOOD	HOLLOW MTL.	LEVER HANDLE, THUMB LATCH, CLSR	TILE OR MARBLE ADA THRESH
	4	3'-0"	7'-0"	1 3/4"	SOLID CORE WOOD 3X33 VP VISIBLE(TEMP)	HOLLOW MTL.	LEVER HANDLE, OFFICE LOCK SET, CLSR	
	5, 6	4'-0"	7'-0"	1 3/4"	H.M. INSULATED 1/2 GLASS TEMP.	HOLLOW MTL.	PUSH BAR, SS KICK, CLSR LOCK SET (COOR W/OWNER)	WEATHER STRIP ALL EXT. DOORS 1/8" H. BEVELED THRESH RCE
	7,8,9	4'-0"	7'-0"	1 3/4"	SOLID CORE WOOD 3 HR	HOLLOW MTL WRAP AROUND 3 HR.	PANIC DEVICE, CLOSER, OFFSET HINGES, SS KICK	VERIFY W/OWNER 7'-0 HT IS ACCEP.
BUILDING B	5, 6 5a, 6a	4'-0"	7'-0"	1 3/4"	H.M. INSULATED 1/2 GLASS TEMP.	HOLLOW MTL.	PUSH BAR, SS KICK, CLSR LOCK SET (COOR W/OWNER)	WEATHER STRIP ALL EXT. DOORS 1/8" H. BEVELED THRESH RCE
	7,8,9	4'-0"	7'-0"	1 3/4"	SOLID CORE WOOD 3 HR	HOLLOW MTL WRAP AROUND 3 HR.	PANIC DEVICE, CLOSER, OFFSET HINGES, SS KICK	VERIFY W/OWNER 7'-0 HT IS ACCEP.

NOTE: OTHER DOORS ARE BY JANUS AND TO BE APPROVED PER SHOP DRAWINGS. JANUS SWING DOORS ARE SHOWN AND OTHERS ARE ROLL UP. SEE PLAN FOR ACCESSIBLE DOORS AND ACCESSIBLE DOOR DETAILS THIS SHEET. SEE ELECTRICAL

**DOOR & HARDWARE NOTES:**

D1. COOR. ALL DOORS WITH FRAMES AND ALL HARDWARE TO MEET ANSI IIT/ADA ACCESSIBILITY REQ.  
D2. INTERIOR DOORS TO BE EQ. TO EGGERS SOLID CORE (STAIN PER TENANT/OWN) 1/2 PAIR OF BUTTS TYP.  
HARDWARE TO BE SCHLAGE ELAN COMMERCIAL GRADE FINISH PER FRANCHISE. ALL LEVER  
HANDLES OR OTHER IF CALLED. CLOSERS LCN. ALL HARDWARE TO MEET ANSI IIT/ADA. MASTER KEY PER  
PER OWNER'S CONSULTATION AS INITIATED BY HARDWARE SUPPLIER. PROVIDE TWO KEY SETS EA. DOOR  
D3. CONTACT ARCHITECT OF DISCREPANCIES PRIOR TO ORDER.  
D4. ALL FRAMES TO HAVE MUTES  
ALL DOORS TO HAVE WALL OR BUTT STOPS  
D5. HARDWARE SHOULD BE PURCHASED FROM EXPERIENCE HARDWARE CONSULTANT/SUPPLIER. OWNER/TENANT  
SHOULD REVIEW LOCKING AND FUNCTION PRIOR TO ORDER.  
D6. STUD FRAMING AT DOORS TYPICAL. INSTALL PER MANUF. SPECIFICATIONS.  
D7. ALL HARDWARE THOUGH LOCKED SHOULD BE OPERABLE FROM INSIDE (TO EXIT AS REQ.)  
TYPICAL. MIN. REQ. & FRAMING THIS PROJECT MAY EXCEED -SEE STRUCTURAL

A. DOOR JAMB FRAMING MIN. DOUBLE STUDS PER FRAMING PACKAGE BY STRUCTURAL.  
B. DOOR HEAD FRAMING PER FRAMING PACKAGE BY STRUCTURAL. NOTE LINTEL LOCATIONS BY STRUCT.  
C. INSTALL JAMB AND FLOOR ANCHORS PER HOLLOW FRAME MANUF. AND SHOP DRAWING APPROVAL.

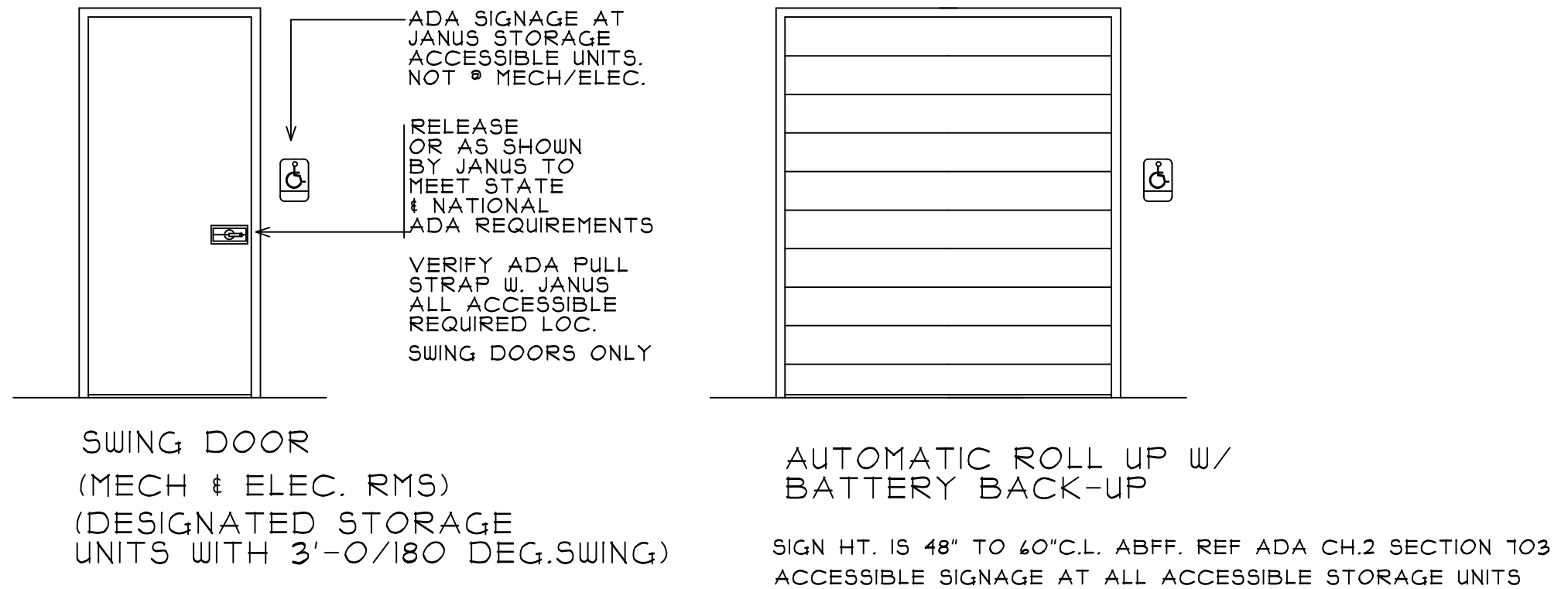
**GENERAL CONSTRUCTION NOTES FOR DOOR, WINDOW FRAMES, JAMBS/HEADS**

- TYPICAL ROUGH OPENINGS. TYPICAL ALL FRAMES TO HAVE MIN. ROUGH OPNG 1/4" BUT NOT LESS THAN 3/16" FOR EA. JAMB/HEAD. SHIM AS REQ (TREATED SHIMS @ MASONRY OR CONCRETE CONTACT).
- REVIEW FULL DRAWING SET WHEN DOING TAKE OFFS FOR FRAMES AND DOORS. CONTACT A-E IF ANY DISCREPANCIES EXIST PRIOR TO SUBMITTING PRICING AND/OR SHOP DRAWINGS.
- SEE SCHEDULES AND SHOP DWGS FOR FRAME SIZES. IN MASONRY COURSING TAKE ANY STEEL LINTELS INTO ACCOUNT W/DOORS, WINDOW FRAMES. SEE SECTIONS AND STRUCTURAL AS ALL NOTES MAY NOT APPLY AND ARE GENERAL IN NATURE.
- SEE PLAN FOR ACCESSIBLE UNITS. SEE DOOR ELEVATIONS THIS SHEET
- PRIME AND PAINT ALL HOLLOW METAL. SEMIGLOSS FINISH.

ROOM FINISH SCHEDULE		SEE PLANS AND WALL SECTIONS						
SPACE	FLOOR	BASE	WALLS	CEILING	CLG HGT	SPEC NOTE	REMARKS	
BUILDING A	101	LUX. VT	4" RUB COVE ROPPE	GYP. PRIME/PT.	PAINT STRUCT. & NON FACT.FIN. PME-BLACK	9'-0" VERIFY	PER MANUF	VERIFY ALL MECH/ELEC/PLUMB HTS W/LAY IN CEIL
	102	LUX. VT	4" RUB COVE ROPPE	GYP. PRIME/PT.	ACCOUST. LAY IN CORTEGA WHITE	9'-0" VERIFY		
	103	CT 12X12	CT	GYP. PRIME PT. CT WAINSCOAT ON TILE BACKER *	ACCOUST. LAY IN TILE CORTEGA WHITE	9'-0" VERIFY		OWNER ALT. WALLS-FRP OVER GYP. * SEE INTERIOR TOILET ELEVATIONS
	104	SEALED CONC	---	SEE JANUS FOR LINER PANELS	EXPOSED STRUCT.	EXPOSED STRUCT.		
	ALL UNITS	SEALED CONC	---	↓	EXPOSED STRUCT.	EXPOSED STRUCT.		
BLDG. B	104	SEALED CONC	---	SEE JANUS FOR LINER PANELS	EXPOSED STRUCT.	EXPOSED STRUCT.		
	ALL UNITS	SEALED CONC	---	↓	EXPOSED STRUCT.	EXPOSED STRUCT.		

**GENERAL LINER PANEL NOTES FOR JANUS PANELS**

LINER PANELS WITH STORAGE FACILITY TO BE INSTALLED IN LOCATIONS AS INDICATED ON PLANS GRAPHICALLY AND EXTERIOR WALLS UNLESS CALLED OTHERWISE. REVIEW ALL SPACES AND CONTACT A-E WITH QUESTIONS WHEN DETERMINING SCOPE. SUBMIT SHOP DWG FOR FINAL APPROVAL

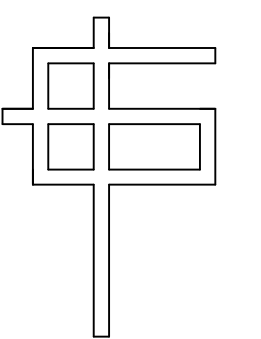


ALL DOORS REQ. MAX.5# FORCE TO OPERATE  
SIGN HT. IS 48" TO 60"C.L. ABFF. REF ADA CH.2 SECTION 103  
STORAGE REQUIRED ADA / ANSI IIT SIGNAGE

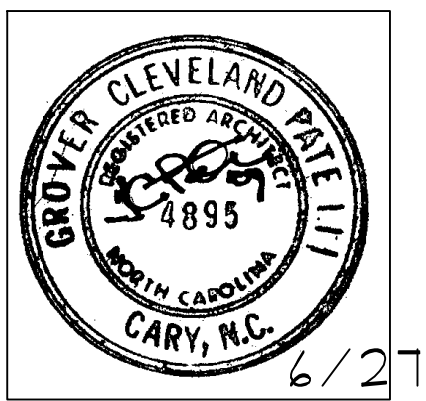
**ADA COMPLIANT DOORS**  
INTERIOR STORAGE/MECH/ELEC  
(JANUS SHOP DRAWING PACKAGE APPROVAL REQUIRED)

**(GFSN) GENERAL FINISH SCHED. NOTES**

- ALL INTERIOR PARTITIONS AND EXTERIOR WALL INTERIOR GYP TO BE PAINTED. ONE PRIME COAT AND TWO FINISH COATS MIN. (LATEX EGG SHELL) PAINT TO BE SHERWIN WILLIAMS PREMIUM INTERIOR. SUBMIT COLOR CHOICES TO OWNER. NOTE ALL PAINT TO BE WASHABLE PER MANUF. GYP LOC. ONLY.  
--FRAMES/TRIM ONE PRIME COAT & TWO FIN. COATS SEMIGLOSS
- SUBMIT ALL COLORS/FINISHES TO OWN/TENANT FOR APPROVAL
- PATCH ALL MISC. HOLES IN WALLS OR FLOORS TO MATCH ADJ. CONST.
- COOR WITH ALL PME DWGS AND ALL TRADES PRIOR TO ADVANCING WORK.
- CONTACT ARCHITECT/ENGINEER OF CONFLICTS PRIOR TO WORK.
- INSTALL ALL FINISHES/MATERIALS PER MANUF. SPECIFICATIONS
- PROVIDE FULL RANGE OF FINISH PRODUCT FOR OWNER SELECTION.
- VERIFY PREFINISHED LINER PANELS AND EXPOSED STRUCTURE. VERIFY WITH OWNER/GC IS ADDITIONAL FINISHING OF EXPOSED STRUCTURE IS REQ.
- WHERE NON FACTORY FIN. PME IS CALLED TO PAINT. DO NOT PT. GALV. METALS. VERIFY PAINTING WITH OWNER/GC.
- WHERE EXPOSED CEILINGS ARE CALLED TO BE PAINTED, PAINT ALL DUCT, CONDUIT, HANGERS ETC.



**G. CLEVELAND PATE, PLLC**  
Architecture + Planning  
6013 Fordland Drive, Raleigh, NC 27606  
919-851-0052



**DOOR/FIN. SCHEDULE**

GCP	GCP	DESIGNED BY:	DRAWN BY:	DATE:
GCP	GCP	DESIGNED BY:	DRAWN BY:	6/21/22
GCP	GCP	CHECKED BY:	APPROVED BY:	OF:
LAKESIDE	LAKESIDEANG	CAD FILE NAME:	PROJECT #	DATE:

# COOR. W/STRUCTURAL

## LAKESIDE STORAGE

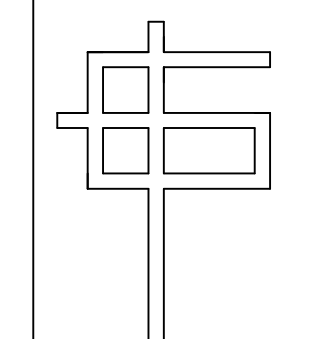
ANGIER, NC  
BLDG. B

©COPYRIGHT 2022 DRAWINGS REMAIN THE PROPERTY OF THE ARCHITECT AND CANNOT BE COPIED OR ALTERED WITHOUT THE ARCHITECT'S PERMISSION. PROJECTS ARE SITE SPECIFIC AND CANNOT BE REPRODUCED ON MULTIPLE SITES WITHOUT WRITTEN CONSENT OF THE ARCHITECT.

GENERAL NOTES:

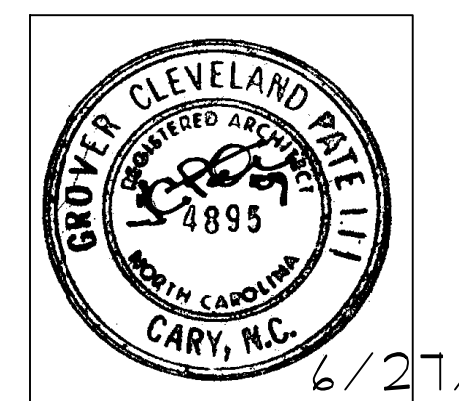
REV. DATE: REVISION DESCRIPTION

REV. DATE:	REVISION DESCRIPTION



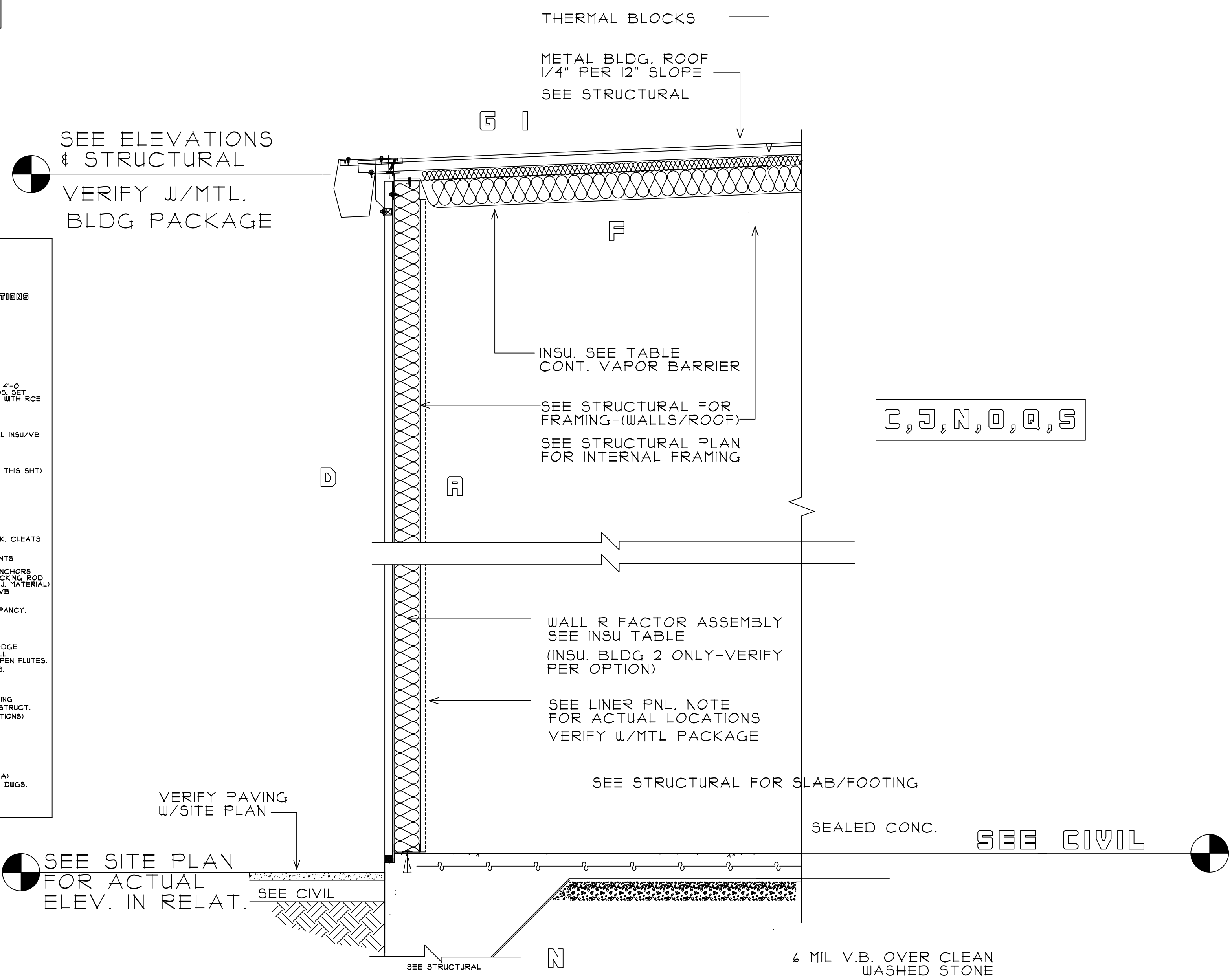
G. CLEVELAND PATE, PLLC  
Architecture • Planning  
6013 Fordland Drive, Raleigh, NC 27606  
919-851-0052

SEALS:



## BUILDING SECTIONS

GCP	GCP	SHEET:
DESIGNED BY:	DRAWN BY:	A-5
GCP	GCP	
CHECKED BY:	APPROVED BY:	OF:
LAKESIDE	LAKESIDEANG	6/27/22
CAD FILE NAME:	PROJECT #	DATE:



- SECTION KEYS: ALL WALL SECTIONS**
- A SEE STRUCTURAL FOR STUDS, FND, WALLS & FTGS, STRUCTURAL COMPONENTS, FLOOR SYSTEMS, BEAMS/HEADERS/INTELS.
  - B CONT. PVC FLASHING TO PVC HEAD JT. WEEPS 2'-0" O.C. HORIZ.
  - C ADA/ANSI FT THRESHOLD AT ALL MAN DOORS. AT 4'-0" LOADING DOORS 1/4" H. WITH RETURN CLOSED ENDS. SET IN FULL BED OF MASTIC. 3'-0" MAN DOORS FIN 1/2" WITH RCE IN FULL MASTIC BED.
  - D DENS GLASS GOLD SHEATHING. WATER PROOF. NOTE: OWNER MAY SUBSTITUTE W/ BLDG WRAP.
  - E FIBERGLASS BATT INSU. SEE SECTION KEY FOR ALL INSU/VB (INSULATION IS AN OPTION FOR S OCCUPANCY).
  - F ROOF INSU. THERMAL BLOCKS & CONT. VB. SEE GENERAL INSU. KEY SECT. SHEETS FOR ALL VALUES. (SEE TABLE THIS SHT).
  - G METAL ROOFING & METAL SIDING. SEE STRUCT FOR TYP FLASHING DETAIL ASSEMBLY. NOTE THAT ALL INSTALL TO MEET MANUF. STANDARD SPECS/DETAILS.
  - H SEE DOOR SCHEDULE FOR ALL DOOR TYPES.
  - I PREMANUF MTL COPING, 24 GA. MIN. CONCEAL. LOCK. CLEATS. VERIFY PARAPET DEPTHS. PROVIDE KYNAR METAL COLOR SELECTION OR METAL ROOFING/SIDING COLOR STANDARDS & MANUF. TYP. TRIM COMPONENTS.
  - J FLASH & WEEP ALL DOOR HEADS. INSTALL JAMB ANCHORS #18 REBAR. SEAL WITH 1/2" x 3/4" x 3/4" BACKING ROD. IF OVER 1/4" JT. COLOR TO MATCH SIDING (OR ADJ. MATERIAL). SLAB OVER CLEAN WASHED STONE & CONT. & MIL VB. SEE STRUCTURAL.
  - K PERIMETER INSULATION IS AN OPTION FOR S OCCUPANCY. FOR TYP. FOOTINGS SEE STRUCTURAL.
  - L DAMP PROOF ALL SHALLOW FND. FACES OF CONC. FOOTING. NOT WATER PROOFED.
  - M SEE FOUNDATION PLANS/DETAILS FOR RECESSED EDGE SIDING AND OVERHEAD DOOR LOCATIONS. INSTALL MANUF. STANDARD CLOSURE COMPONENT AT ALL OPEN FLUTES.
  - N SEE PLAN AND ELEV. FOR GUTTER & DS LOCATIONS. COOR. WITH CIVIL.
  - O PREFAB CANOPY & STRUTS W/ CONNECTIONS INCL. D.S. VERIFY FIN. COLOR (SHOP DUG REQ). COOR. W/STRUCTURAL ANY BLOCKING DURING FRAMING. DETAIL SHOWN TO COOR. W/SHOP DUGS. VERIFY W/STRUCT. SEE STRUCTURAL FOR WALL BLOCKING. (SEE ELEVATIONS).
  - P SEE STRUCTURAL FOR ALL LINTEL/SUPPORT COMBO AT ENTRY & LOADING AREAS. SEE STRUCTURAL FOR BOX BEAM OR STEEL BEAM & OPENINGS, DOORS & ROLL UPS.
  - Q FACIA BREAK/METAL PREFINISHED KYNAR CONCEALED ROLLED JTS. MATCHING TRIM (MIN. 24 GA) SIDING TYPES/PROFILES TO BE VERIFIED ON SHOP DUGS. VERIFY ALL COLORS.

1 SECTION REAR OF BLDG.  
A-S DO NOT SCALE  
FRONT ELEVATION/HIGH EAVE SIMILAR. SEE BUILDING ELEV.

**INSULATION TABLE-ALL BLDGS.**

**STORAGE NON CONDITIONED:**  
ROOF- 2" INSULATION, INTEGRAL VAPOR BARRIER, THERMAL BLOCKS.  
WALLS- NO INSULATION WITH VAPOR BARRIER INSTALLED. OWNER OPTION- RII BATT  
FOUNDATION- NO PERIMETER INSULATION. INSTALL 4 MIL V.B.

**STORAGE CONDITIONED:**  
ROOF- R30 (R19 + RII LS (LINER SYSTEM USING R3 MIN. THERMAL BLOCKS))  
WALLS- RII BATT WITH VAPOR BARRIER  
FOUNDATION- R15 24" FLAT SLAB, TURN DN. \* LUG UNDER SLAB (VERIFY) W/4 MIL VB  
NOTE: \* BELOW GRADE CONDITION NO PERIMETER FOUNDATION REQ. WHERE 4'-0" OR MORE BELOW GRADE. VERIFY GRADES & FOUNDATION.

**OFFICE:**  
ROOF- R30 (R19 + RII LS (LINER SYSTEM USING R3 MIN. THERMAL BLOCKS))  
WALLS- R13 + R15 CI (CONT. INSULATION) WITH VAPOR BARRIER ON OUTSIDE W&L.F.  
FOUNDATION- R15 24" FLAT SLAB. TURN DN \* LUG UNDER SLAB. SEE SECTIONS  
INSTALL 4 MIL VB

NOTE: PERIMETER INSU IS AN OPTION BUT IF INSTALLED INSTALL UNDER SLAB 2'-0" MIN. R10 MIN./R15 MAX RIGID TURN DOWN SLAB ANGLE. PLACE ABOVE V.B.