

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

Name of Project: LAKESIDE SELF STORAGE
Address: 5556 NC 210 N ANGER, NC Zip Code 27501
Proposed Use: SELF STORAGE FACILITY

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

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

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): SELF STORAGE

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

BASIC BUILDING DATA

Construction Type: I-A II-A III-A IV V-A
Standpipes: No Partial Yes
Fire District: No Yes (Primary)
Interior Bearing Walls: NA

Table with 3 columns: FLOOR, EXISTING (SQ FT), NEW (SQ FT), SUB-TOTAL. Rows include FIRST and TOTAL.

ALLOWABLE AREA PRIMARY OCCUPANCY CLASSIFICATION

Assembly Business Educational Factory Hazardous Institutional Mercantile Residential Storage 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)
Non-Separate Use (508.3)
Separated Use (508.4)
Actual Area of Occupancy A + Actual Area of Occupancy B / Allowable Area of Occupancy A + Allowable Area of Occupancy B <= 1

Table with 4 columns: Story No., Description And Use, (A) Bldg. Area Per Story (Actual), (B) Table 506.2 d Area, (C) Area For Frontage Increase, (D) Allowable Floor Area. Row 1: 1, ST, 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 with of public way = ft.(W)
e. Percent of frontage increase Iy = 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 un sprinkled area value in Table 506.2

Table with 4 columns: ALLOWABLE HEIGHT, building ht. in feet (Table 504.3)2, building ht. in stories (Table 504.4)3, CODE REFERENCE 1. Row 1: 55', 2, 1.

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 10 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 7 columns: BUILDING ELEMENT, FIRE SEPARATION DISTANCE (FEET), RATING, DETAIL AND SHEET, DESIGN # FOR RATED ASSEMBLY, DESIGN # FOR RATED JOINTS, DESIGN # FOR RATED JOINTS. Rows include Structural Frame, BEARING WALLS (EXT), INTERIOR BEARING WALLS (PARTIAL), etc.

PERCENTAGE OF WALL OPENING CALCULATION

Table with 4 columns: FIRE SEPARATION DISTANCE (FT) FROM PROPERTY LINE, DEGREE OF OPENINGS PROTECTION(705.8), ALLOWABLE AREA (X), ACTUAL SHOWN ON PLANS (X).

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting No Yes
Exit Signs No Yes
Fire Alarm No Yes
Smoke Detection System No Yes
Carbon Monoxide Detection No Yes
Panic Hardware No Yes

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

ACCESSIBLE DWELLING UNITS (SECTION 1107)

Table with 7 columns: Total Units, Access. Units Req., Access. Units Provided, Type A Units Req., Type A Units Provided, Type B Units Req., Type B Units Provided.

ACCESSIBLE PARKING (SECTION 1106)

Table with 5 columns: LOT OR PARKING AREA, TOTAL # OF PARK. SPACES, # OF ACCESSIBLE SPACES, TOTAL # ACCESSIBLE PROVIDED.

PLUMBING FIXTURE REQUIREMENTS

Table with 10 columns: USE, WATER CLOSET, URINALS, LAVS., SHOWERS & TUBS, DRINKING FOUNTAINS, NOT REQ.

SPECIAL APPROVALS

Special Approval: (Local jurisdiction, Department of Insurance, OSC, DPI, DHHS, ICC, etc. describe below)
SEE STRUCTURAL FOR SPECIAL INSPECTIONS FORM

STRUCTURAL DESIGN (SEE STRUCTURAL FOR ADDITIONAL DATA)

DESIGN LOADS
Importance Factor: Wind (Iw) 1.0, Snow(S) 1.0, Seismic(Se) 1.0
Live Loads: Roof 20 PSF, Mezzanine NA PSF, Floor NA PSF, Floor 12B PSF
Ground Snow Load: 15 PSF

Wind Load Basic Wind Speed 115 mph (ASCE-7) Exposure Category C Wind Base Shears(for MWFRS) Vx=119kP Vy=92kP

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 %

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: Vb=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, Pile 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.

Existing building envelope complies with code: No Yes
Exempt Building: No Yes(Provide code or statutory reference). ENERGY CODE 101.12

CLIMATE ZONE: 3A 4 4A 5
METHOD OF COMPLIANCE: Prescriptive (Energy Code) Performance (Energy Code)
Prescriptive (ASHRAE 90.1) Performance (ASHRAE 90.1)

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 NA
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)
U-Value of assembly .064
Solar Heat Gain Coeff. .25
Projection factor LESS THAN 25
Low-e required, if applicable TINTED GLS
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 SEE HVAC DRAWINGS
BUILDING COOLING LOAD SEE HVAC DRAWINGS
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.

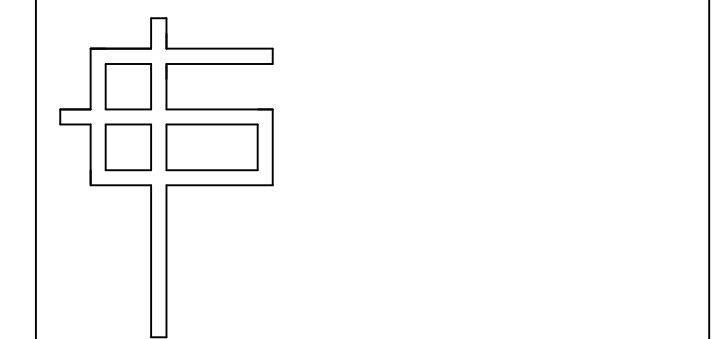
LAKESIDE STORAGE

ANGIER, NC
BLDG. A

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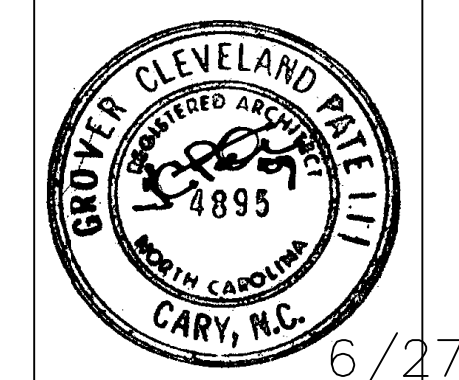
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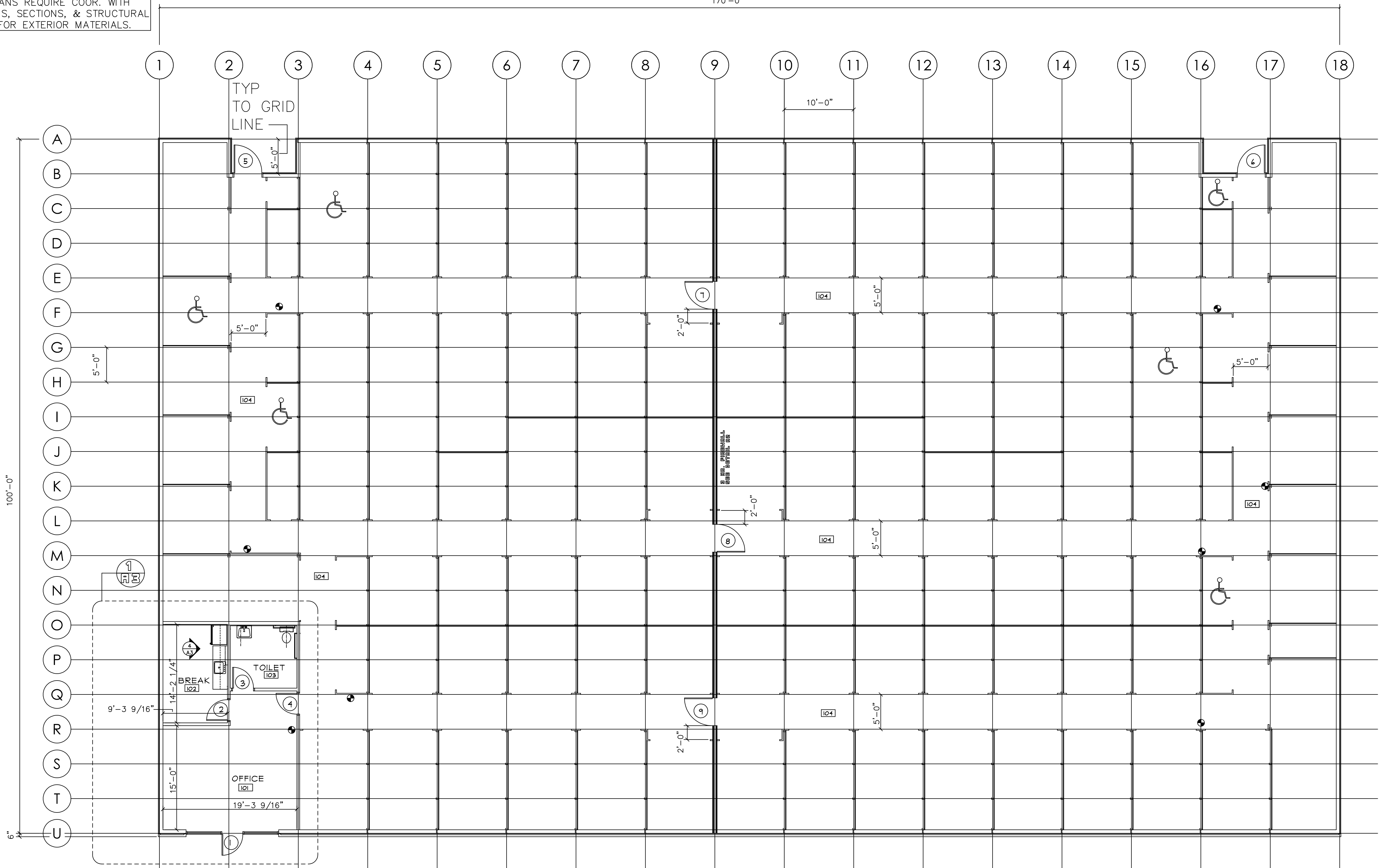
6/27/22

APPENDIX B

Table with 3 columns: GCP, GCP, SHEET:
DESIGNED BY: DRAWN BY: APPXB
CHECKED BY: APPROVED BY: OF:
LAKESIDE LAKESIDEANG 6/21/22
CAD FILE NAME: PROJECT # DATE:

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 10 BC**

MAX TRAVEL DISTANCE TO UNIT 75' OR 60' BETWEEN UNITS. ONE UNIT MUST ALWAYS BE VISIBLE FROM ANY LOCATION. ALL F.E. SHOWN MEET THE AB. CRITERIA LESS THAN 40# HANDLE HT. 3'-4" AFF MAX. MORE THAN 40# HANDLE HT. 3'-4" AFF MAX. CAB. AND/OR RELEASE MAX. 48" AFF

F.E. 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**

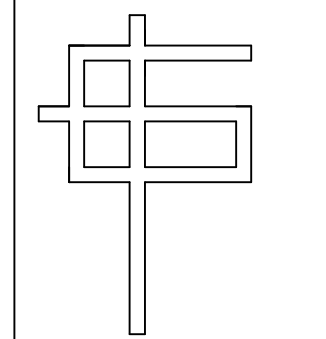
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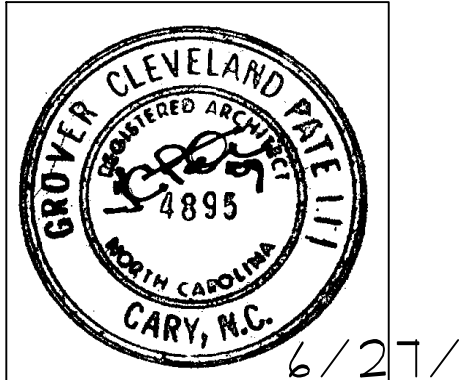
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**SEALS:**



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

TOTAL 105 UNITS (ADA 5% TOTAL)  
6 TOTAL ADA UNITS

**PARTITION SCHED. OFFICE, BREAK, TOILET**

OFF/TOIL: INSULATE WALLS IN OFFICE, BREAK, TOILETS FOR SOUND PURPOSES. INSULATION THESE LOCATIONS R15

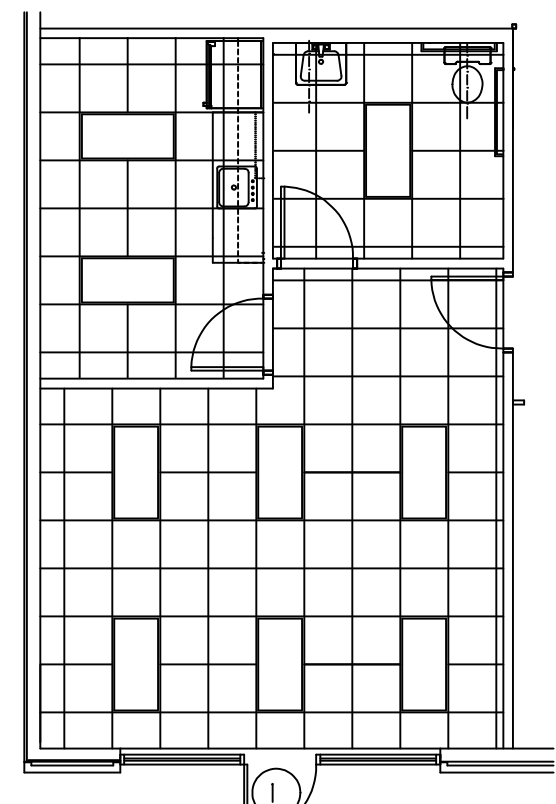
NOTE: SEE STRUCTURAL STUD PLAN. STRUCT. STUDS ARE TO SUPERCEED ALL LOCATIONS. FOR OFFICE, BREAK, TOILET IF NOT STRUCT. STUDS, 3 5/8" REAL 22 GA. STUDS @ 16" O.C. MAY BE USED TO DECK W/ONE ROW OF MANUF. PURLIN.(VERIFY HT. LIMITATION). SEE DOOR SCHED. NOTES. GYP. TO BE 5/8"; IF NO LAY IN TO DECK. IF LAY IN TO GYP. TO BE 5/8"; IF NO LAY IN RUN TO DECK. IF LAY RUN TO 6" ABOVE LAY IN CEILING. AT OFFICE, BREAK, TOILET RUN ONE SIDE OF GYP. MIN. TO DECK FOR SECURITY/SOUND. VERIFY ON SITE ALL WALL DEPTHS FOR H.M. JAMB DEPTHS.

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 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 (0005.3.2) NOT FULLY MET FOR .15"

2 REF. CEIL.  
A-1 1/8" = 1'-0"



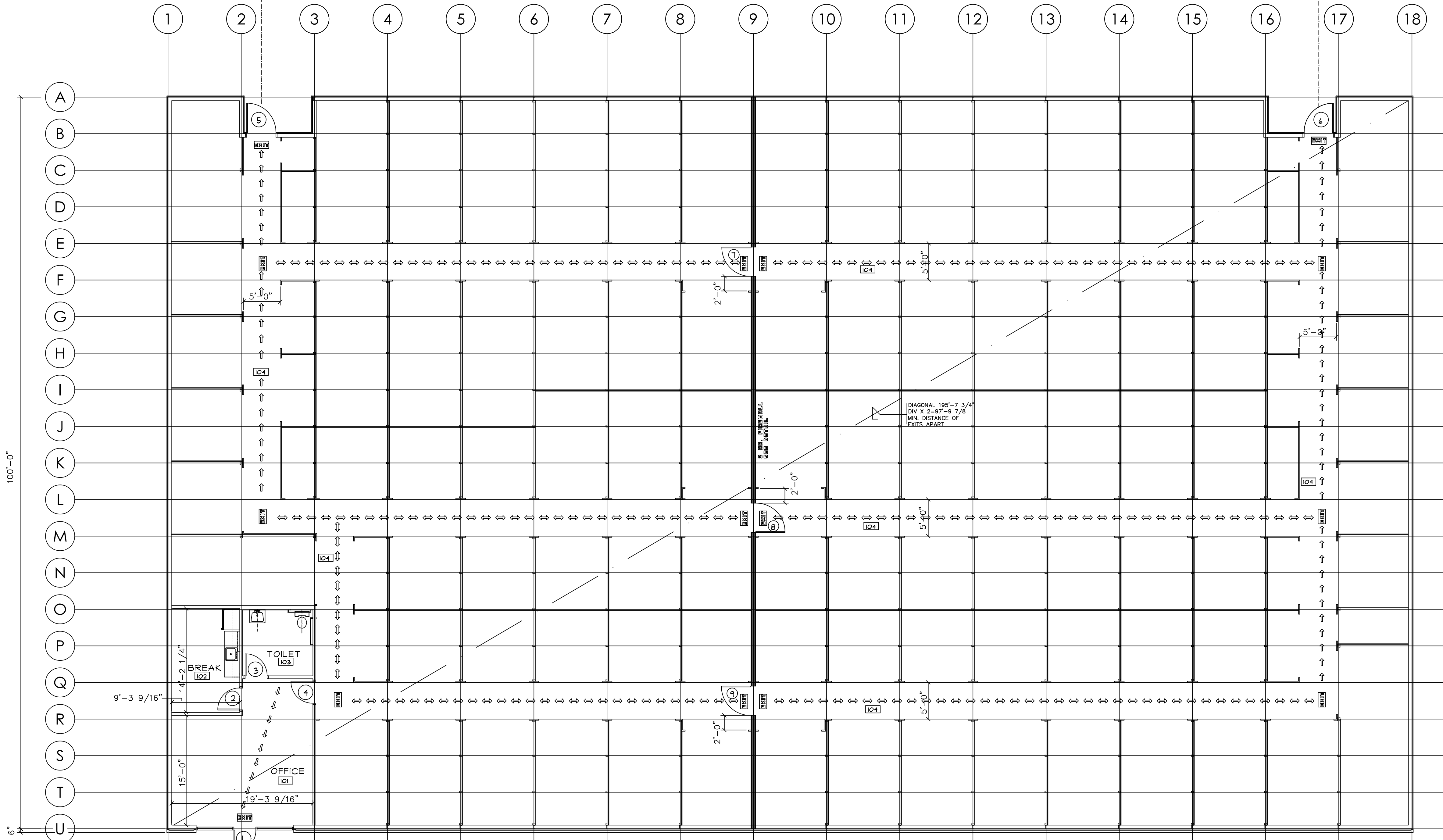
**FLOOR PLAN**

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:

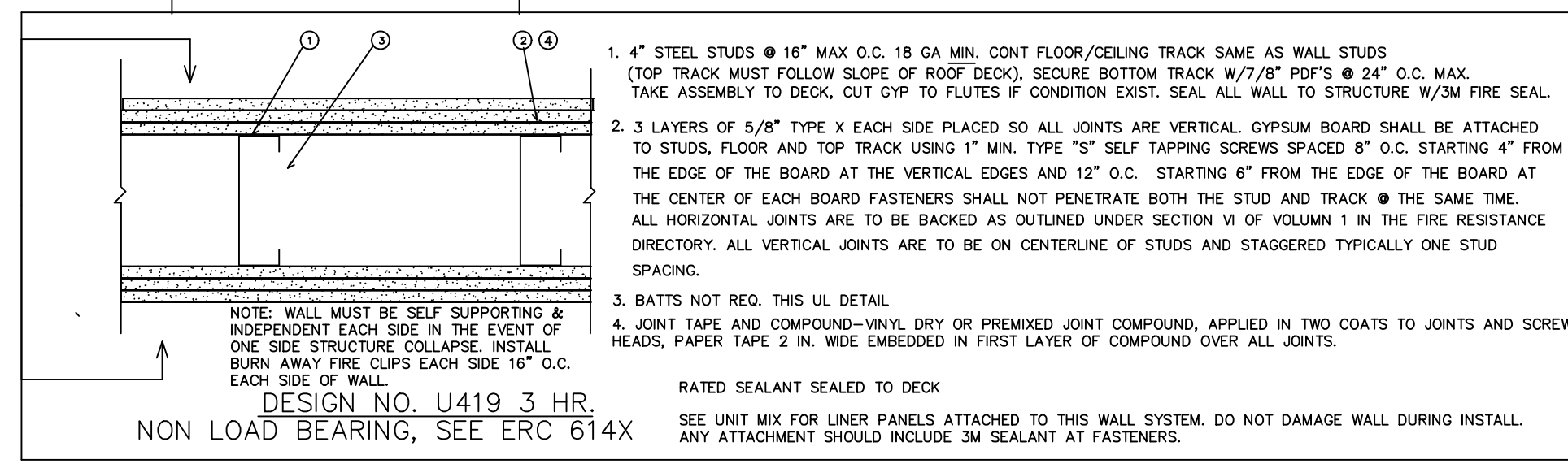
170'-0"

144'-6 1/4" REMOTE EXITS

100'-0"



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



1. 4" STEEL STUDS @ 16" MAX O.C. 18 GA MIN. CONT FLOOR/CEILING TRACK SAME AS WALL STUDS (TOP TRACK MUST FOLLOW SLOPE OF ROOF DECK). SECURE BOTTOM TRACK W/7/8" PFS'S @ 24" O.C. MAX. TAKE ASSEMBLY TO DECK, CUT GYP TO FLUTES IF CONDITION EXIST. SEAL ALL WALL TO STRUCTURE W/3M FIRE SEAL.
  2. 3 LAYERS OF 5/8" TYPE X EACH SIDE PLACED SO ALL JOINTS ARE VERTICAL. GYPSUM BOARD SHALL BE ATTACHED TO STUDS, FLOOR AND TOP TRACK USING 1" MIN. TYPE "S" SELF TAPPING SCREWS SPACED 8" O.C. STARTING 4" FROM THE EDGE OF THE BOARD AT THE VERTICAL EDGES AND 12" O.C. STARTING 6" FROM THE EDGE OF THE BOARD AT THE CENTER OF EACH BOARD FASTENERS SHALL NOT PENETRATE BOTH THE STUD AND TRACK @ THE SAME TIME. ALL HORIZONTAL JOINTS ARE TO BE BACKED AS OUTLINED UNDER SECTION VI OF VOLUME 1 IN THE FIRE RESISTANCE DIRECTORY. ALL VERTICAL JOINTS ARE TO BE ON CENTERLINE OF STUDS AND STAGGERED TYPICALLY ONE STUD SPACING.
  3. BATTS NOT REQ. THIS UL DETAIL.
  4. JOINT TAPE AND COMPOUND-WHILE DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS, PAPER TAPE 2 IN. WIDE EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.
- NOTE: WALL MUST BE SELF SUPPORTING & INDEPENDENT EACH SIDE IN THE EVENT OF ONE SIDE STRUCTURE COLLAPSE. INSTALL BURN AWAY FIRE CLIPS EACH SIDE 16" O.C. EACH SIDE OF WALL.
- RATED SEALANT SEALED TO DECK
- SEE UNIT MIX FOR LINER PANELS ATTACHED TO THIS WALL SYSTEM. DO NOT DAMAGE WALL DURING INSTALL. ANY ATTACHMENT SHOULD INCLUDE 3M SEALANT AT FASTENERS.

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.

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  
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 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 REQUIRED EGRESS SIZING  
.2" IS USED AS EXCEPTION 1 (0005.3.2) NOT FULLY MET FOR .15"

LAKESIDE STORAGE

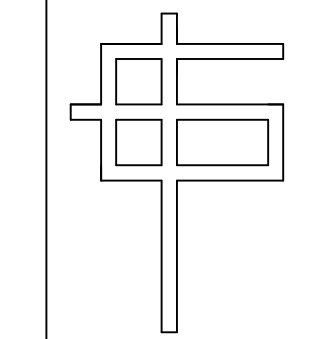
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SEALS:



LIFE SAFETY FLOOR PLAN

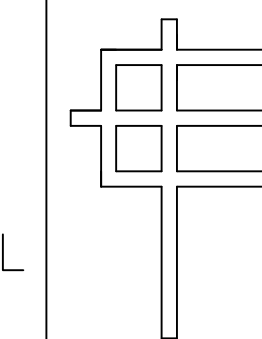
GCP	GCP	SHEET:
DESIGNED BY:	DRAWN BY:	A-2
GCP	GCP	
CHECKED BY:	APPROVED BY:	OF:
LAKESIDE	LAKESIDEANG	6/27/22
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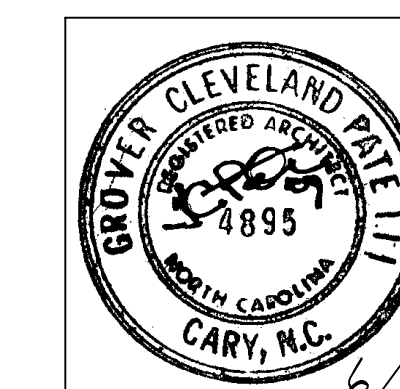
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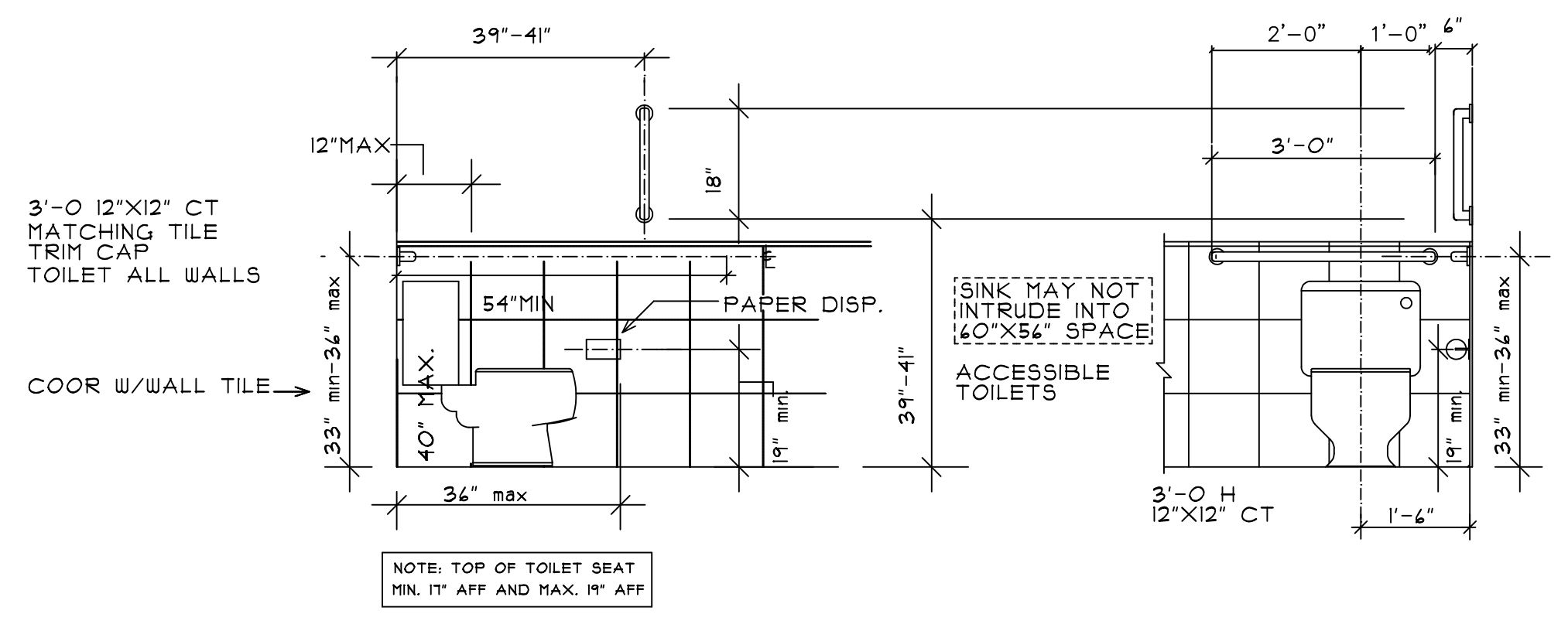
ENLARGED  
PLAN/SCHD

GCP	GCP	SHEET:
DESIGNED BY:	DRAWN BY:	A-3
GCP	GCP	
CHECKED BY:	APPROVED BY:	OF:
LAKESIDE	LAKESIDEANG	6/21/22
CAD FILE NAME:	PROJECT #	DATE:

TOILET ACCESSORY SCHEDULE		
MARK	DESCRIPTION	REMARKS
①	42" GRAB BAR	3100, TYPE OI, MTD 34" CL AFF
②	18" VERT. GRAB BAR	3100, TYPE OI, SEE DWG.
③	34" GRAB BAR	3100, TYPE OI, MTD 34" CL AFF
④	PAPER TOWEL DISP.	0215 W/OPER, 40" AFF
⑤	SOAP DISPENSER	WALL MT. OPER. • 40" MAX. AFF
⑥	TOILET PAPER HOLDER	7403-SD MTD. AT 19" CL AFF, FRONT 36" FROM WALL
⑦	NOT ASSIGNED	
⑧	MARBLE OR SYNTHETIC THRESH	ADA BEVELED EDGE
⑨	MIRROR	0424 24" X 48" MT. BOT. 40" AFF
⑩	FEMININE NAPKIN DISPENSER	MT TOP • 14" AFF   OWNER OPTION
⑪	FEMININE NAPKIN DISPOSAL	MT TOP • 14" AFF   WOMEN & UNISEX
⑫	HANDLAV TRAP COVERS	MT. ON LAV TRAPS

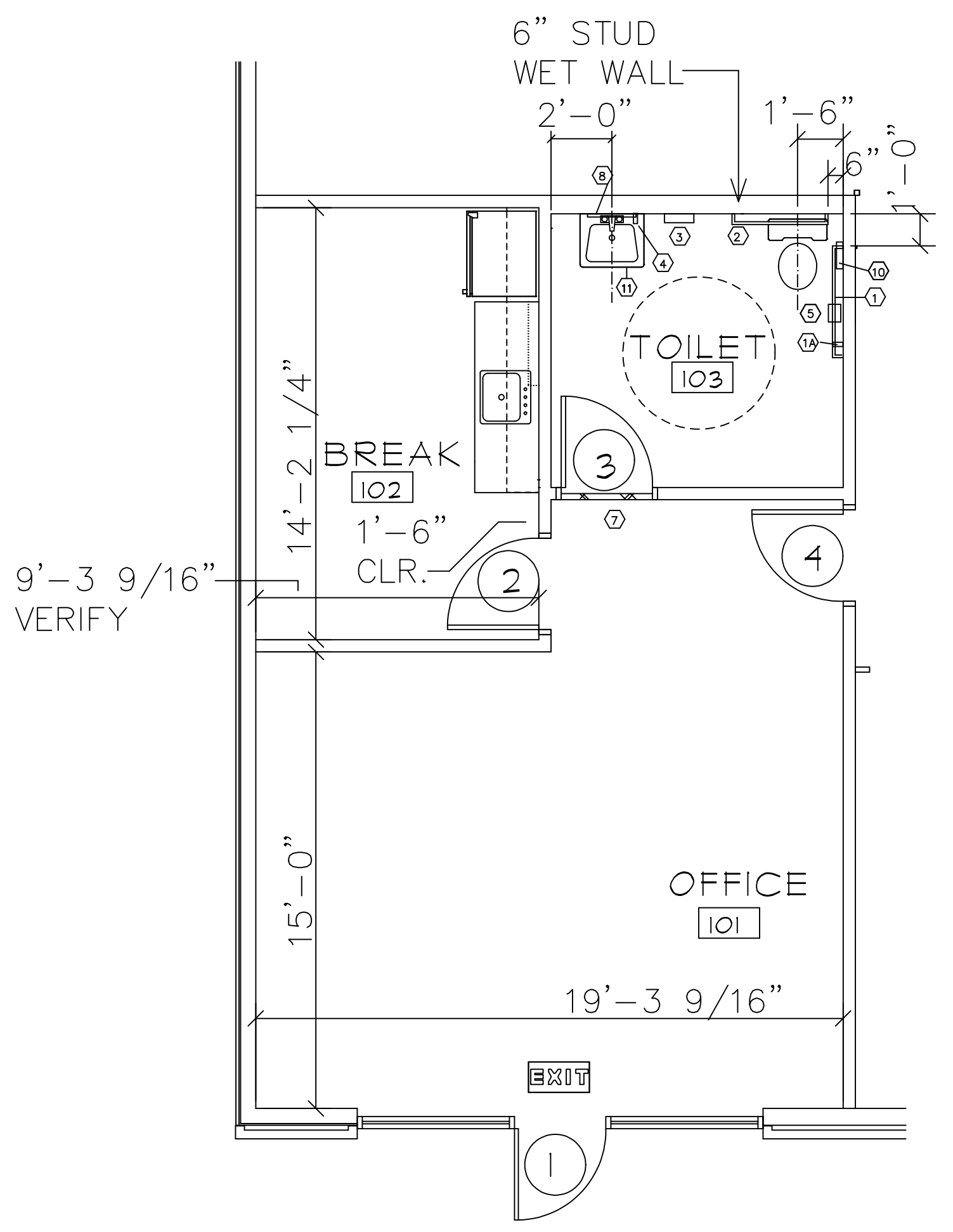
WITH EXCEPTION OF WOMEN'S SPECIFIC ITEMS EACH TOILET ROOM TO RECEIVE THE SAME ITEMS EVEN IF NOT CALLED SPECIFICALLY & ALL TIMES INDICATED ON SCHEDULE.

- NOTE:
- ALL ACCESSORIES TO BE ASI OR APPROVED EQUAL.
  - PROVIDE POSITIVE BLOCKING INSIDE WALL FOR ALL FIXTURES 250 LB MINIMUM DOWNFORCE.
  - INSTALL ALL ACCESSORIES PER NC VOL 1-C
  - SUBMIT SHOP DWGS IF REQ. BY OWNER



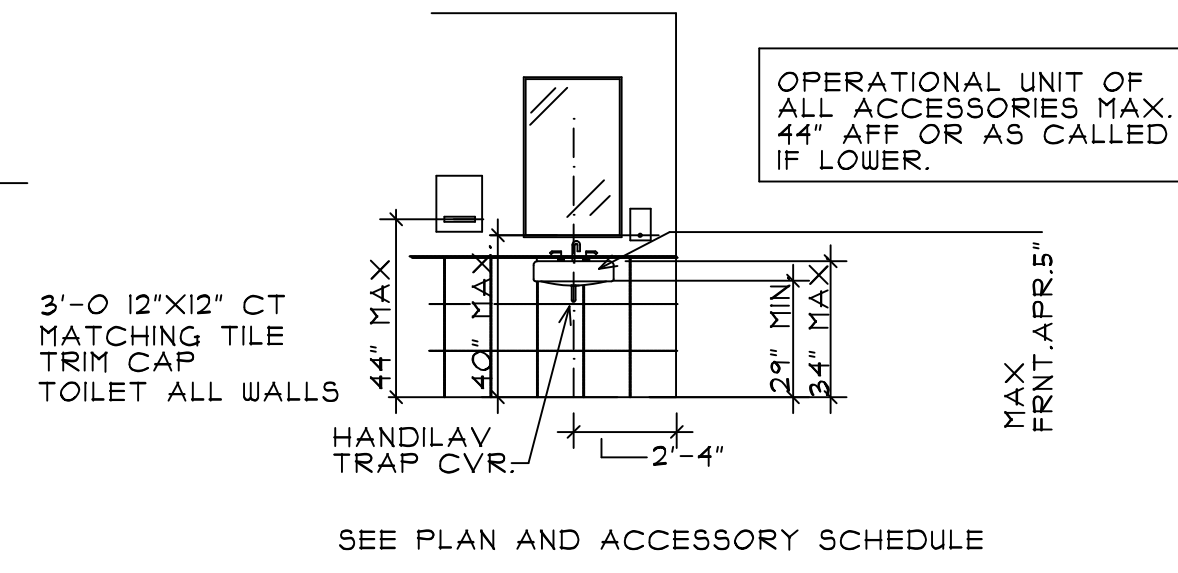
2 W.C. GRAB BAR LOCATIONS  
A-3 NTS

CABINET NOTES:  
MDF ALL EXPOSED SURFACES PLAM.  
INTERIOR WHITE MELAMINE. ALL SHELVES  
3/4" PLYWOOD/SOLID EDGE, SHELF  
SURFACE MELAMINE. OFFSET CONCEALED  
HINGES, BRUSHED ALUM WIRE PULLS.

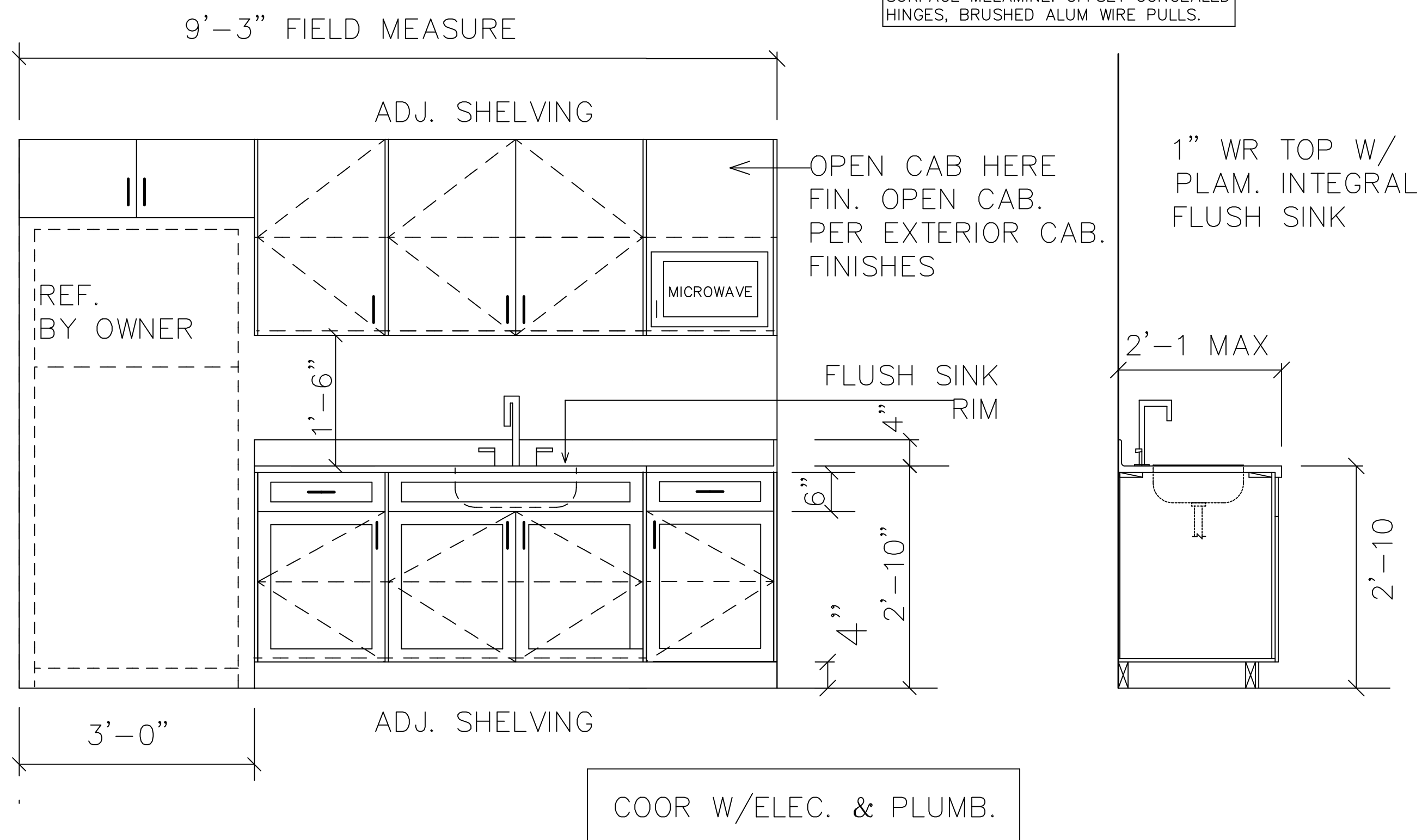


1 OFFICE-BREAK-TOILET PLAN  
A-3 3/16" = 1'-0"

VERIFY DIM. OF ALL STUDS/WALLS WITH STRUCTURAL STUD LAYOUT. VERIFY STUD SIZE AND GAUGE. STUDS/GYP(5/8") FOR OFFICE BREAK AND TOILETS TO DECK. INSTALL MIN. R11 FIBERGLASS BATTS IN OFFICE, BREAK, TOILET FOR SOUND ATTENUATION. STUD MIN. 3 5/8" 20 GA. BUT STRUCTURAL LINES WILL BE DIFF. AND MUST BE COOR. PRIOR TO BUY AND INSTALL.

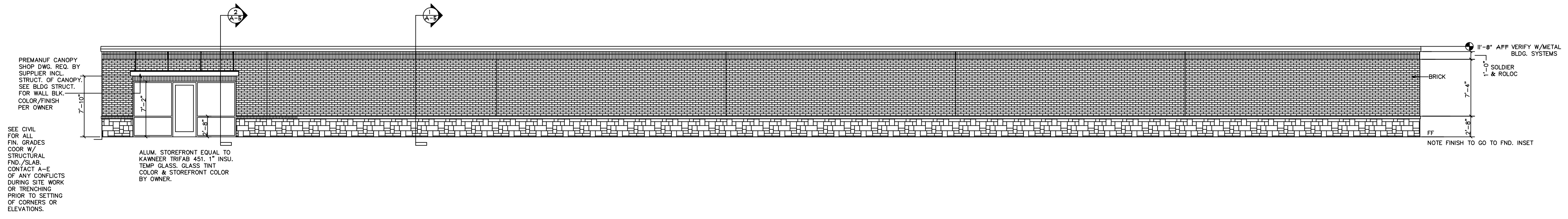


3 TYPICAL SINK-MIRROR  
A-3 NTS

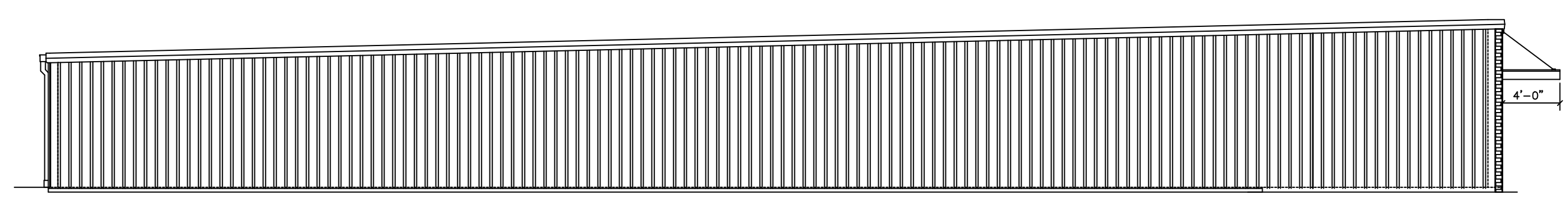


4 BREAK ROOM MILWORK  
A-3 NTS

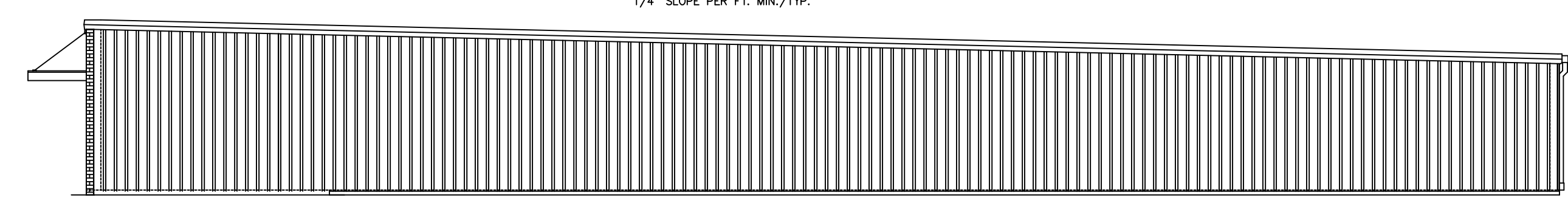
COOR W/ELEC. & PLUMB.



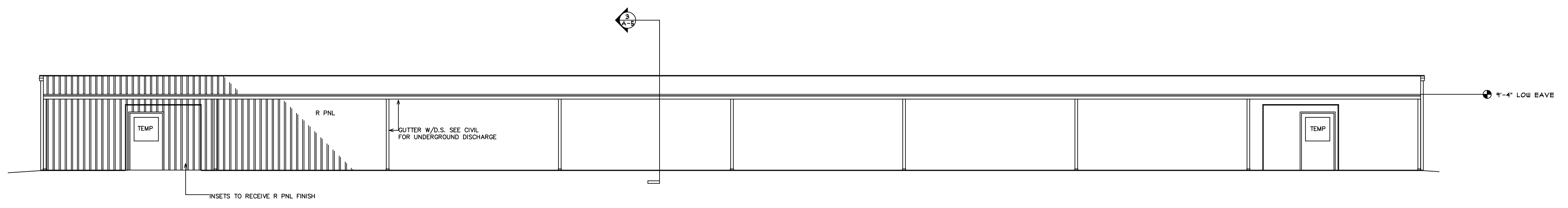
1 FRONT ELEVATION  
A-4 1/8" = 1'-0"



2 LEFT SIDE ELEVATION  
A-4 1/8" = 1'-0"



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



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

LAKESIDE STORAGE

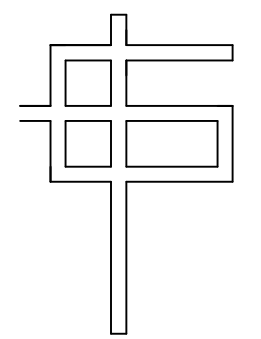
ANGIER, NC  
BLDG. A

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SEALS:



6/27/22

ENLARGED ELEVATIONS

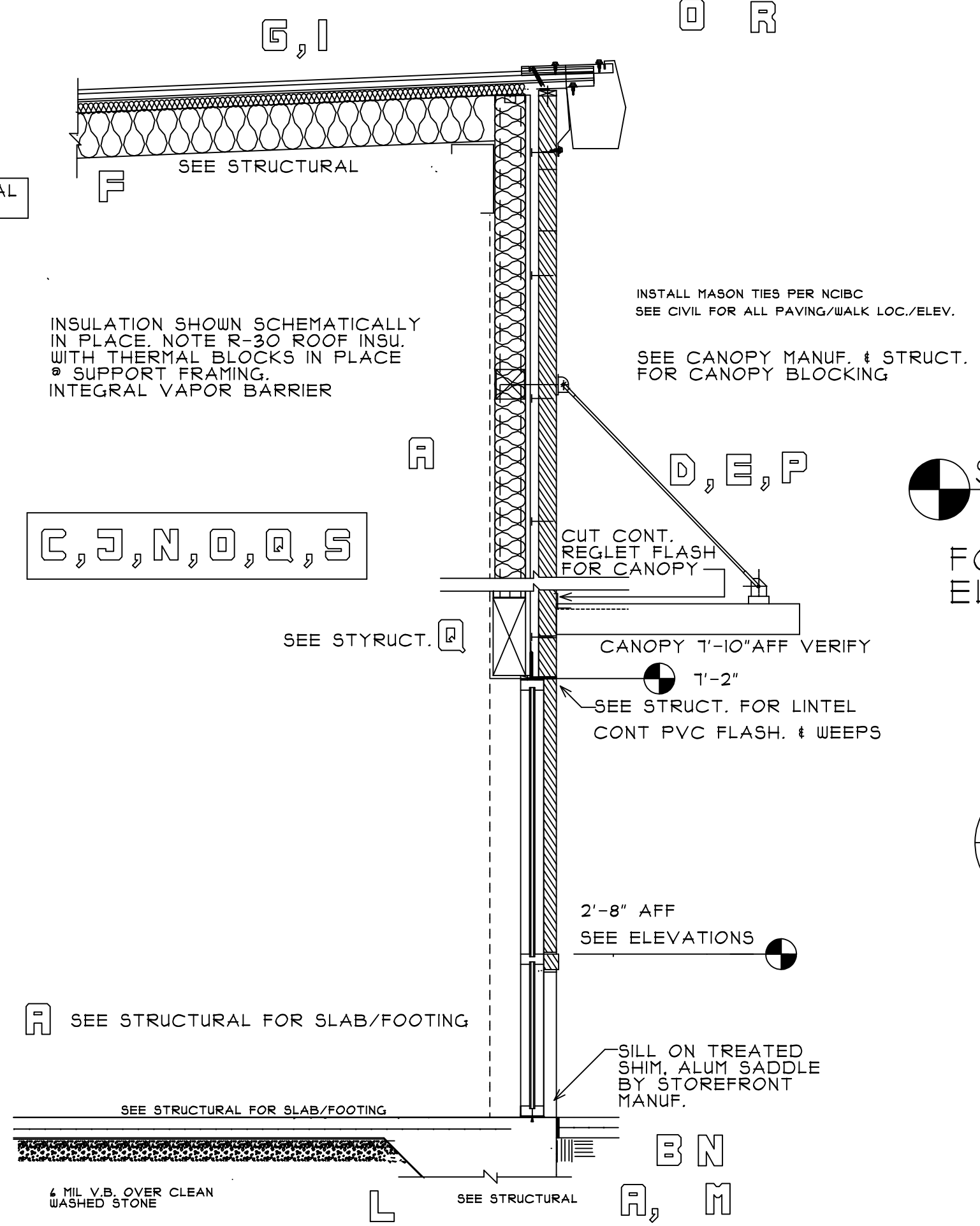
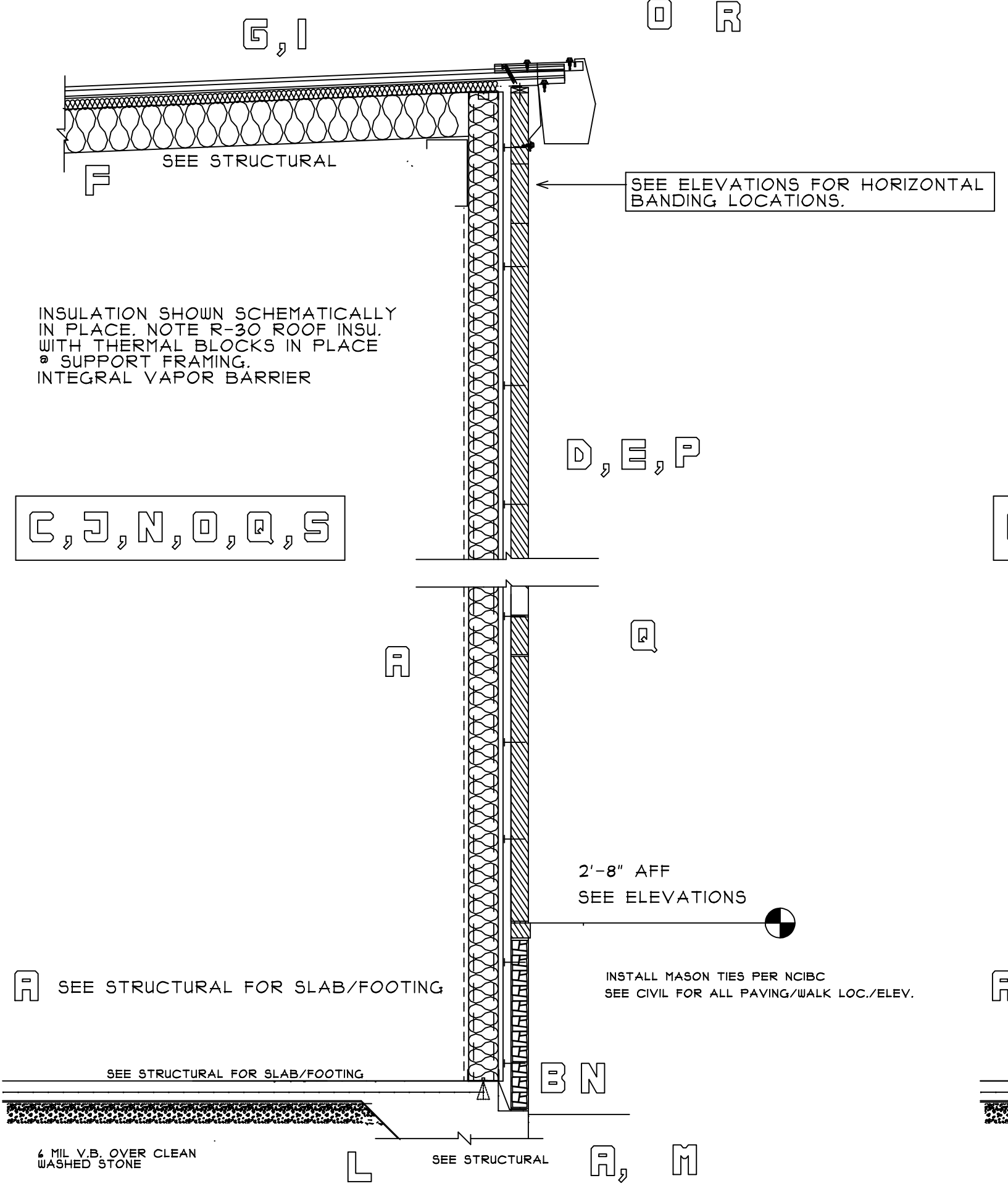
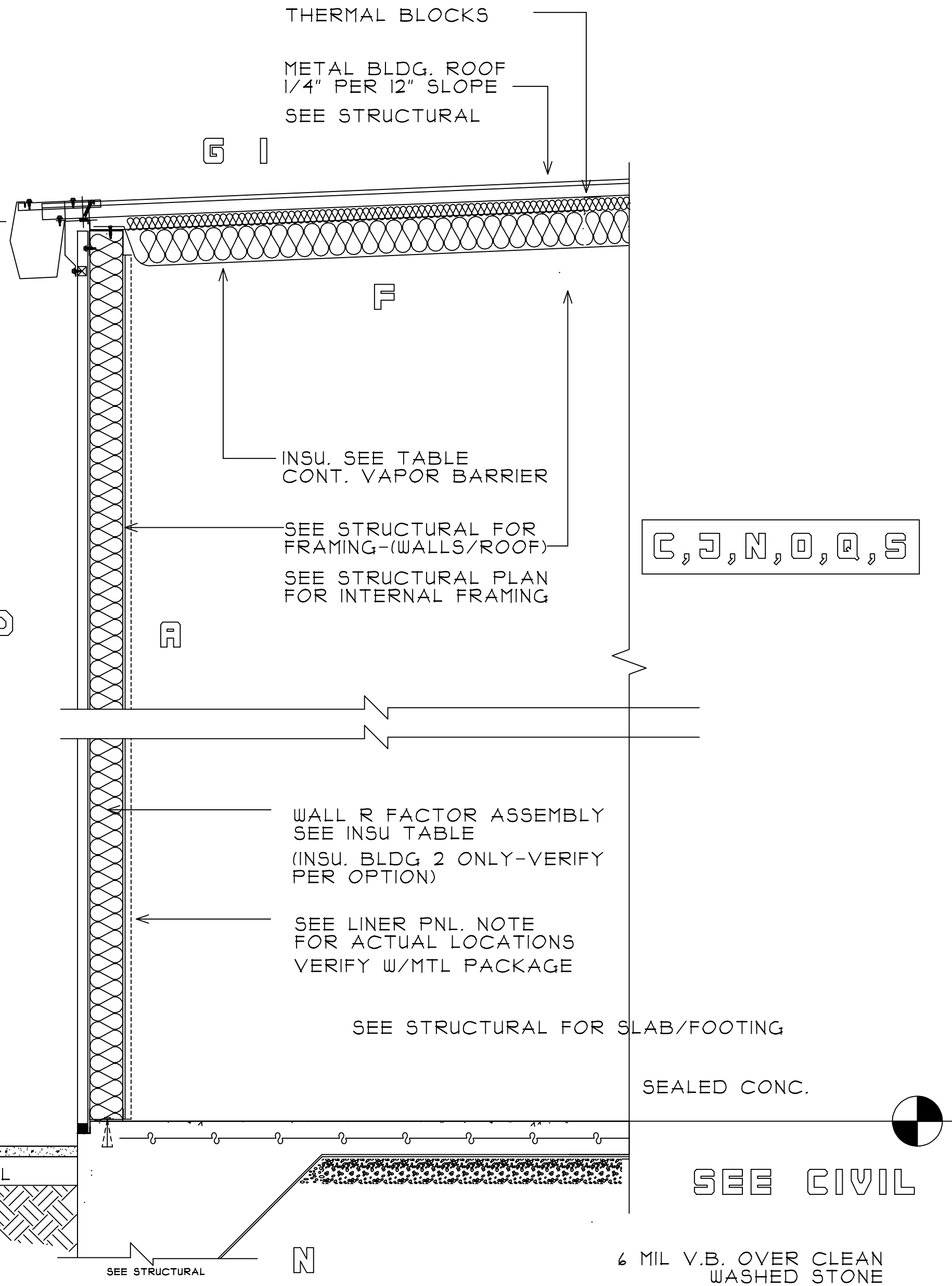
GCP	GCP	SHEET:
DESIGNED BY:	DRAWN BY:	A-4
GCP	GCP	OF:
CHECKED BY:	APPROVED BY:	6/27/22
LAKESIDE	LAKESIDEANG	DATE:
CAD FILE NAME:	PROJECT #	DATE:

# COOR. W/STRUCTURAL

## SECTION KEYS: ALL SMALL REFERENCES

- A SEE STRUCTURAL FOR STUDS, FND, WALLS, FTS, STRUCTURAL COMPONENTS, FLOOR SYSTEMS, BEAMS/HEADERS/LINTELS.
- B CONT. PVC FLASHING TO PVC HEAD JT. WEEPS #2-0 O.C. HORIZ.
- C ADA/ANSI III 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 1/2" WITH RICE 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 SING. SEE STRUCT. FOR TYP FLASHING DETAIL ASSEMBLY. NOTE THAT ALL INSTALLS TO MEET MANUF. STANDARD SPECS/DETAILS.
- H SEE DOOR SCHEDULE FOR ALL DOOR TYPES.
- I PREHANG MTL COPING, 24 GA. MIN. CONCEAL LOCK, CLEATS. VERIFY MANUF. OF THE PROVIDE KYNAR METAL COLOR SELECTION OR METAL ROOFING/SING. COLOR STANDARDS & MANUF. TYP. TRIM COMPONENTS.
- J FLASH & WEEP ALL DOOR HEADS. INSTALL JAMB ANCHORS. ALL FRAMES SEAL WITH MIN. 2 PART SEALANT. BACKING ROD IF OVER 1/4" JT. COLOR TO MATCH SING. OR ADJ. MATERIAL.
- K SLAB OVER CLEAN WASHED STONE. 4 MIL VB. SEE STRUCTURAL.
- L PERIMETER INSULATION IS AN OPTION FOR S OCCUPANCY. FOR TYP. FOOTINGS SEE STRUCTURAL.
- M DAMP PROOF ALL SHALLOW FND FACES OF CONC. FOOTING NOT WATER PROOFED.
- N SEE FOUNDATION PLANS/DETAILS FOR RECESSED EDGE SING AND OVERHEAD DOOR LOCATIONS. INSTALL MANUF. STANDARD CLOSURE COMPONENT AT ALL OPEN FLUTES.
- O SEE PLAN AND ELEV. FOR GUTTER & DS LOCATIONS. COOR. WITH CIVIL.
- P PREFAB CANOPY & STRUTS W/ CONNECTIONS (INCL. D.S. VERIFY FIN. COLOR (SHOP DWG REQ)). COOR. W/STRUCTURAL ANY BLOCKING DURING FRAMING. DETAIL SHOWN TO COOR. W/SHOP DWGS. VERIFY W/STRUCT. SEE STRUCTURAL FOR BALL BLOCKING (SEE ELEVATIONS).
- Q SEE STRUCTURAL FOR ALL LINTEL/SUPPORT COMBO AT ENTRY & LOADING AREAS. SEE STRUCTURAL FOR BOX BEAM OR STEEL BEAM \* OPENINGS, DOORS & ROLL UPS.
- R FACIA BREAKMETAL PREFINISHED KYNAR CONCEAL ROLLED JTS, MATCHING TRIM (MIN. 24 GA) SING TYPES/PROFILES TO BE VERIFIED ON SHOP DWGS. VERIFY ALL COLORS.
- S

SEE ELEVATIONS & STRUCTURAL  
VERIFY W/MTL. BLDG PACKAGE



3 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'S  
FOUNDATION- NO PERIMETER INSULATION. INSTALL 4 MIL V.B.

**STORAGE CONDITIONED:**  
ROOF- R30 (R19 + R11 L5 (LINER SYSTEM USING R3 MIN. THERMAL BLOCKS))  
WALLS- R13 + R15 CI (CONT. INSULATION) WITH VAPOR BARRIER ON OUTSIDE W.O.L.F.F.  
FOUNDATION- R15 24" FLAT SLAB. TURN DN \* LUG UNDER SLAB. SEE SECTIONS  
INSTALL 4 MIL VB.

LAKESIDE STORAGE

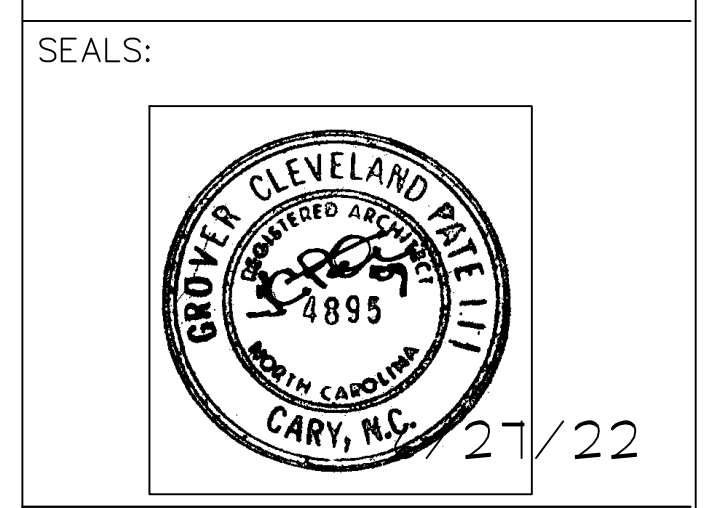
ANGIER, NC  
BLDG. A

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REV. DATE:	REVISION DESCRIPTION

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BUILDING SECTIONS

GCP	GCP	SHEET:
DESIGNED BY:	DRAWN BY:	A-5
GCP	GCP	
CHECKED BY:	APPROVED BY:	OF:
LAKESIDE	LAKESIDEANG	4/21/22
CAD FILE NAME:	PROJECT #	DATE:

1 SECTION AT FRONT FACADE  
A-S DO NOT SCALE

2 SECTION AT STOREFRONT  
A-S DO NOT SCALE

# 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	HWDR	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 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.
	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)
	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
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)
	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

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.

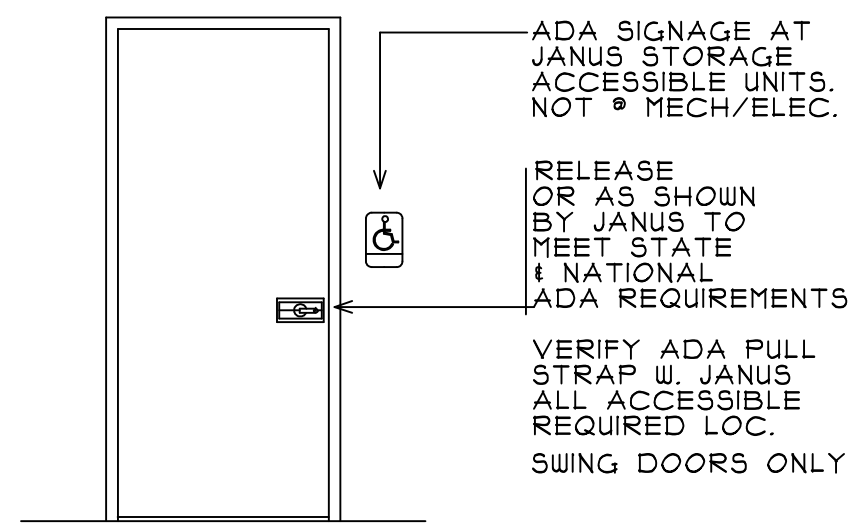
**GENERAL CONSTRUCTION NOTES FOR DOOR, WINDOW FRAMES, JAMBS/HEADS**  
 1. TYPICAL ROUGH OPENINGS. TYPICAL ALL FRAMES TO HAVE MIN. ROUGH OPNG 1/4" BUT NOT LESS THAN 3/16" FOR EA. JAMB/HEAD. SHIM AS REQ (TREATED SHIMS @ MASONRY OR CONCRETE CONTACT).  
 2. REVIEW FULL DRAWING SET WHEN DOING TAKE OFFS FOR FRAMES AND DOORS. CONTACT A-E IF ANY DISCREPANCIES EXIST PRIOR TO SUBMITTING PRICING AND/OR SHOP DRAWINGS.  
 3. 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.  
 4. SEE PLAN FOR ACCESSIBLE UNITS. SEE DOOR ELEVATIONS THIS SHEET  
 5. PRIME AND PAINT ALL HOLLOW METAL. SEMIGLOSS FINISH.

# ROOM FINISH SCHEDULE

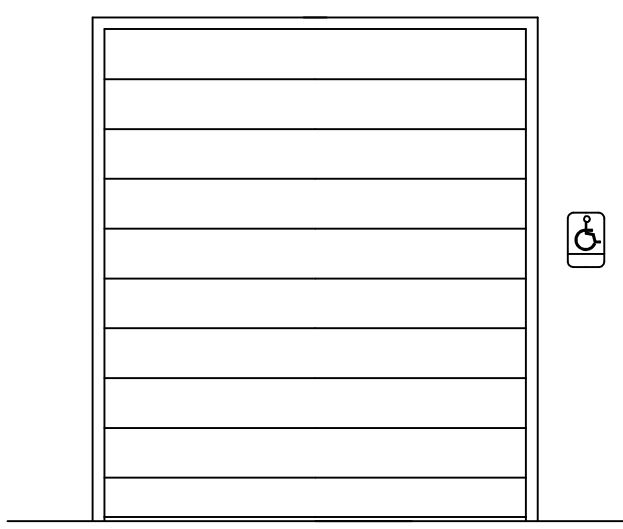
SEE PLANS AND WALL SECTIONS

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	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



SWING DOOR (MECH & ELEC. RMS) (DESIGNATED STORAGE UNITS WITH 3'-0/180 DEG.SWING)

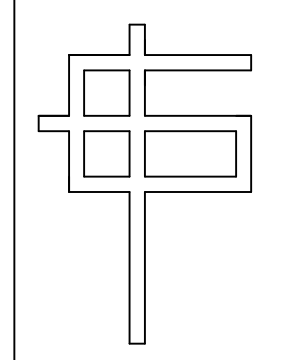


SIGN HT. IS 48" TO 60"C.L. ABFF. REF ADA CH.2 SECTION 103 ACCESSIBLE SIGNAGE AT ALL ACCESSIBLE STORAGE UNITS

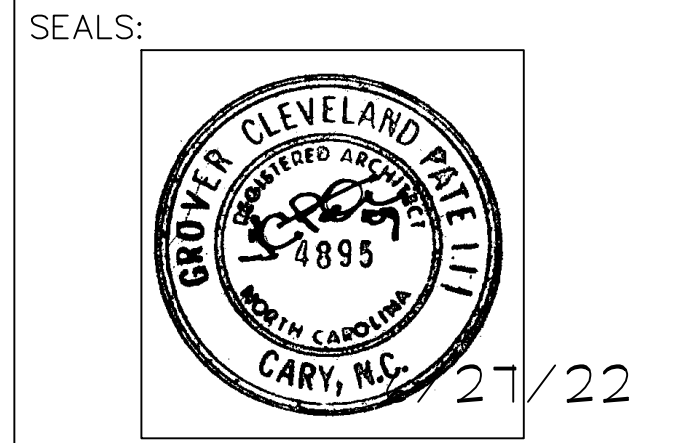
ALL DOORS REQ. MAX.5# FORCE TO OPERATE SIGN HT. IS 48" TO 60"C.L. ABFF. REF ADA CH.2 SECTION 103 STORAGE REQUIRED ADA / ANSI IIT SIGNAGE

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

**(GFSN) GENERAL FINISH SCHED. NOTES**  
 1. ALL INTERIOR PARTITIONS AND EXTERIOR WALL INTERIOR GYP. TO BE PAINTED. ONE PRIME COAT AND TWO FINISH COATS MIN. (LATEX EGGSHELL) 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  
 2. SUBMIT ALL COLORS/FINISHES TO OWN/TENANT FOR APPROVAL  
 3. PATCH ALL MISC. HOLES IN WALLS OR FLOORS TO MATCH ADJ. CONST.  
 4. COOR WITH ALL PME DWGS AND ALL TRADES PRIOR TO ADVANCING WORK.  
 5. CONTACT ARCHITECT/ENGINEER OF CONFLICTS PRIOR TO WORK.  
 6. INSTALL ALL FINISHES/MATERIALS PER MANUF. SPECIFICATIONS  
 7. PROVIDE FULL RANGE OF FINISH PRODUCT FOR OWNER SELECTION.  
 8. VERIFY PREFINISHED LINER PANELS AND EXPOSED STRUCTURE. VERIFY WITH OWNER/GC IS ADDITIONAL FINISHING OF EXPOSED STRUCTURE IS REQ.  
 9. WHERE NON FACTORY FIN. PME IS CALLED TO PAINT, DO NOT PT. GALV. METALS. VERIFY PAINTING WITH OWNER/GC.  
 10. WHERE EXPOSED CEILINGS ARE CALLED TO BE PAINTED, PAINT ALL DUCT, CONDUIT, HANGERS ETC..



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# DOOR/FIN. SCHEDULE

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