

WINDOW REPLACEMENT for the NORTH CAROLINA STATE HIGHWAY PATROL COMMUNICATIONS & LOGISTICS BUILDING 1300 BLUE RIDGE ROAD, RALEIGH, NORTH CAROLINA 27607


ARCHITECT:
FACILITIES DESIGN UNIT
NCDOT FACILITIES MANAGEMENT DIVISION
1 SOUTH WILMINGTON STREET
RALEIGH, NC 27601

SCO ID# 22-25609-01A

NOT FOR CONSTRUCTION

CONSTRUCTION DOCUMENTS
MARK DOUGLAS CLOSIO
REGISTERED ARCHITECT
NOV 12 2019
M. H. HOUTZ, INC.
1 SOUTH WILMINGTON STREET
RALEIGH, NORTH CAROLINA 27601
PHONE: 919/707-4540 FAX 919/715-0399

NCDOT FACILITIES DESIGN UNIT
ARCHITECT & ENGINEERS
1 SOUTH WILMINGTON STREET
RALEIGH, NORTH CAROLINA 27601
PHONE: 919/707-4540 FAX 919/715-0399



2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS (EXCEPT 1 AND 2A AND 3A Dwellings and Townhomes)

Name of Project: WINDOW REPLACEMENT FOR THE COMMUNICATIONS & LOGISTICS BUILDING
Address: 1300 BLUE RIDGE ROAD, RALEIGH, NC 27607
Owner: NCDOT FACILITIES MANAGEMENT DIVISION
City/County: RALEIGH / WILMINGTON
State: NC
Zip Code: 27607
Date of Construction: 2022

2018 NC BUILDING CODE: New Building Addition Renovation
 Type: Historic Preservation Other
2018 NC BUILDING CODE: New Building Addition Renovation
 Type: Historic Preservation Other

2018 NC EXISTING BUILDING CODE EXEMPTION
Possible Exemptions: Historic Property Change of Use
 RISK CATEGORY (Table 104.4.5) Current: I II III IV
 Proposed: I II III IV
 RISK CATEGORY (Table 104.4.5) Current: I II III IV
 Proposed: I II III IV

2018 NC EXISTING BUILDING CODE EXEMPTION
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1. Footprint area increases from Section 506.3 are compared to:

- Footprint area from a single story or open space having 30 foot minimum width = (F)
- Ratio of (F) to original footprint area = (F) / (A) = () (%)
- Ratio of (F) to original footprint area = (F) / (A) = () (%)
- Maximum Building Area = total number of stories in the building (D) (maximum stories) (004.2).

2. Unlimited area applicable under condition of Section 507.1 (9) = () (%)

3. Footprint increase is based on the unimpervious area value in Table 506.2.

ALLOWABLE HEIGHT

Building Height in Feet (Table 507.1)	ALLOWABLE HEIGHT	MINIMUM HEIGHT	MAXIMUM HEIGHT
12'	12'	12'	12'
15'	15'	15'	15'
20'	20'	20'	20'

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ACCESSIBLE DWELLING UNITS (SECTION 1107)

NO.	DESCRIPTION AND USE	NO.	NO.	NO.	NO.
0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0

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ACCESSIBLE PARKING (SECTION 1108)

NO.	DESCRIPTION AND USE	NO.	NO.	NO.	NO.
0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0

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STRUCTURAL DESIGN (PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

DESIGN LOADS: PERFORMANCE PRESCRIPTIVE

Live Loads: PERFORMANCE PRESCRIPTIVE

Wind Loads: PERFORMANCE PRESCRIPTIVE

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ELECTRICAL SYSTEM AND EQUIPMENT (PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

Method of Compliance: PERFORMANCE PRESCRIPTIVE

Lighting: PERFORMANCE PRESCRIPTIVE

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MECHANICAL DESIGN (PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

Thermal Zone: PERFORMANCE PRESCRIPTIVE

Building Envelope: PERFORMANCE PRESCRIPTIVE

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MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT (PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

Thermal Zone: PERFORMANCE PRESCRIPTIVE

Building Envelope: PERFORMANCE PRESCRIPTIVE

2018 NC EXISTING BUILDING CODE EXEMPTION
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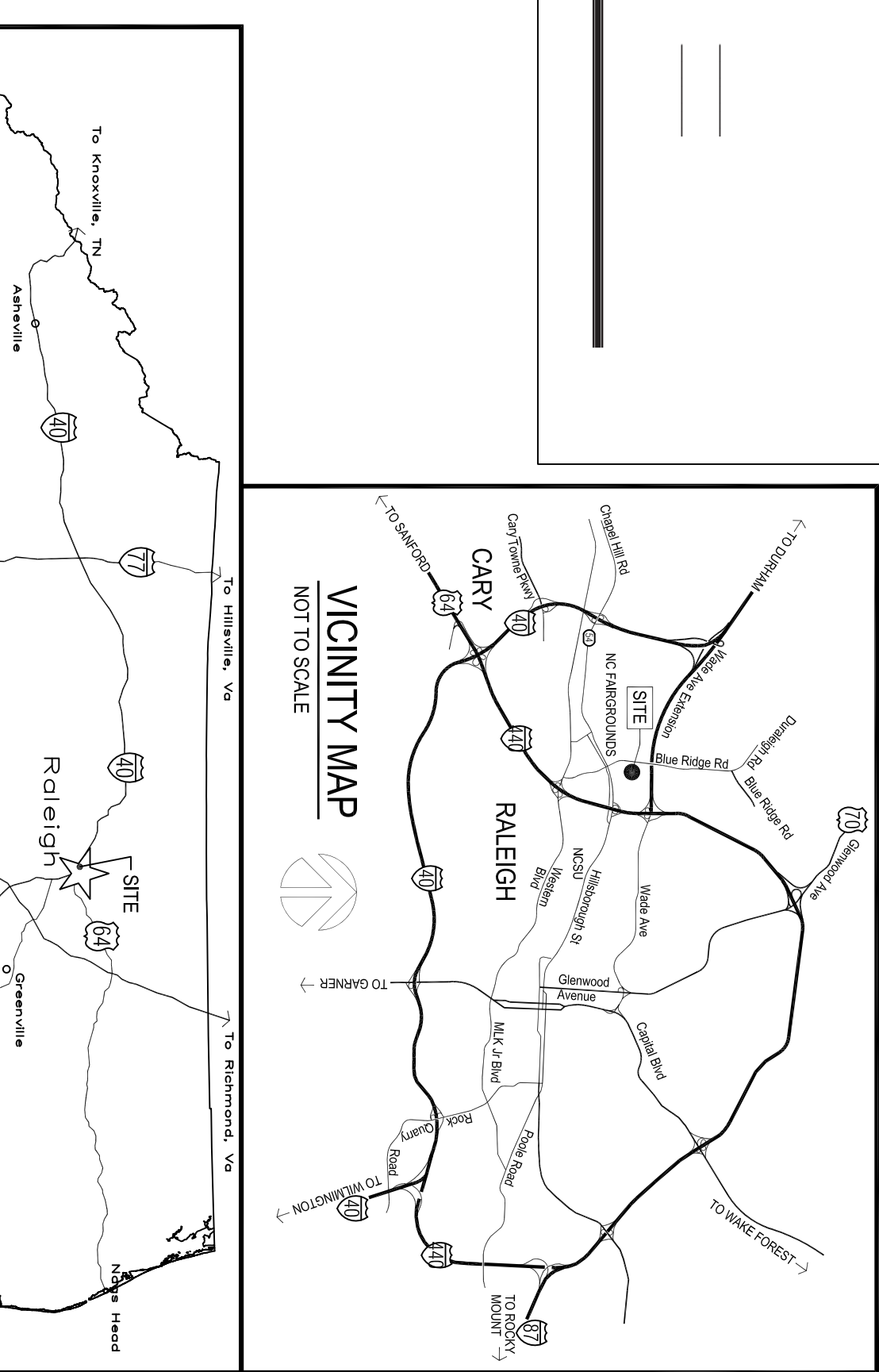
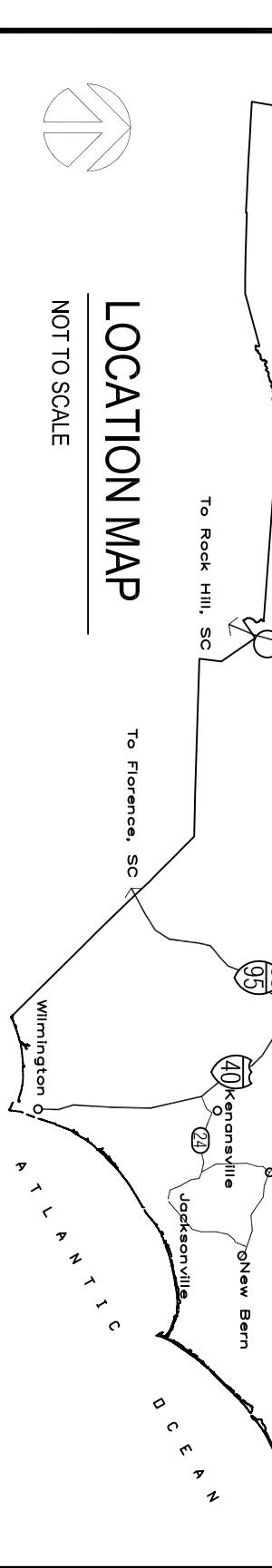
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DRAWING INDEX

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- 2 WINDOW REPLACEMENT - SCHEMATIC & PRELIMINARY
- 3 WINDOW REPLACEMENT - CONTRACT

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DATE ISSUED: 3/31/22
DRAWN BY: MCG/MDS
CHECKED BY: MCG/MDS
SHEET NO. G1

WINDOW REPLACEMENT for
North Carolina Highway Patrol
C & L Building
1300 BLUE RIDGE ROAD
RALEIGH, NORTH CAROLINA 27607

STATE CONSTRUCTION
22-25609-01A
EQUIPMENT NUMBER:
1320-0008-3222
REVISIONS
NO. DATE

CODE DATA SUMMARY & DRAWING INDEX

NOT FOR CONSTRUCTION



CONSTRUCTION DOCUMENTS

MARK DOUGLAS G. B. B.
No. 15122
MECHANICAL ENGINEERING
STATE OF NORTH CAROLINA

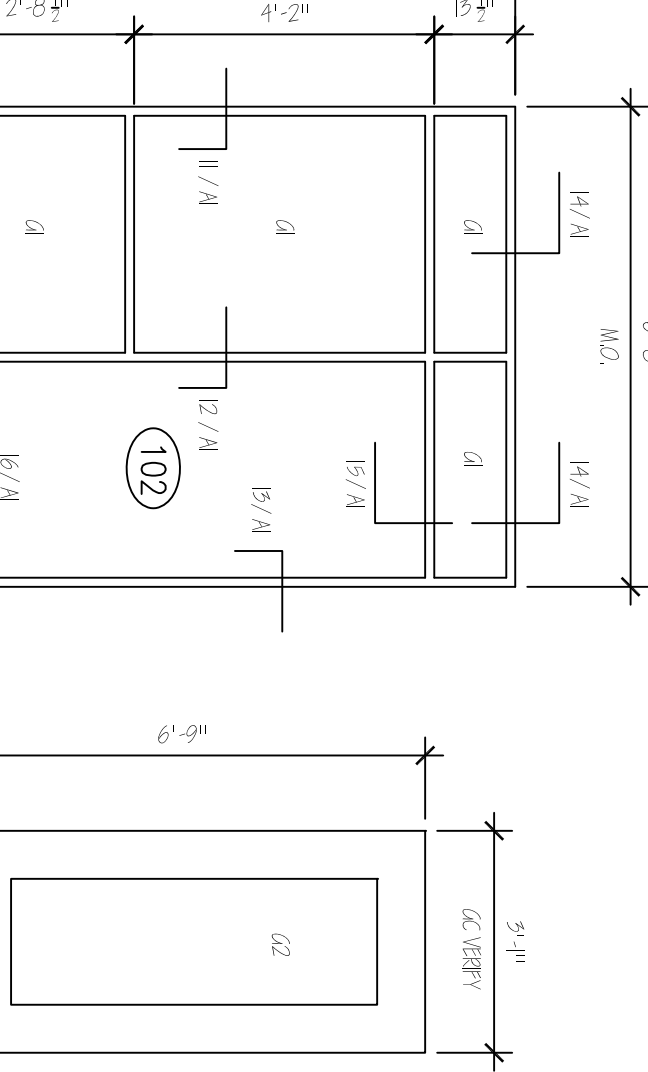
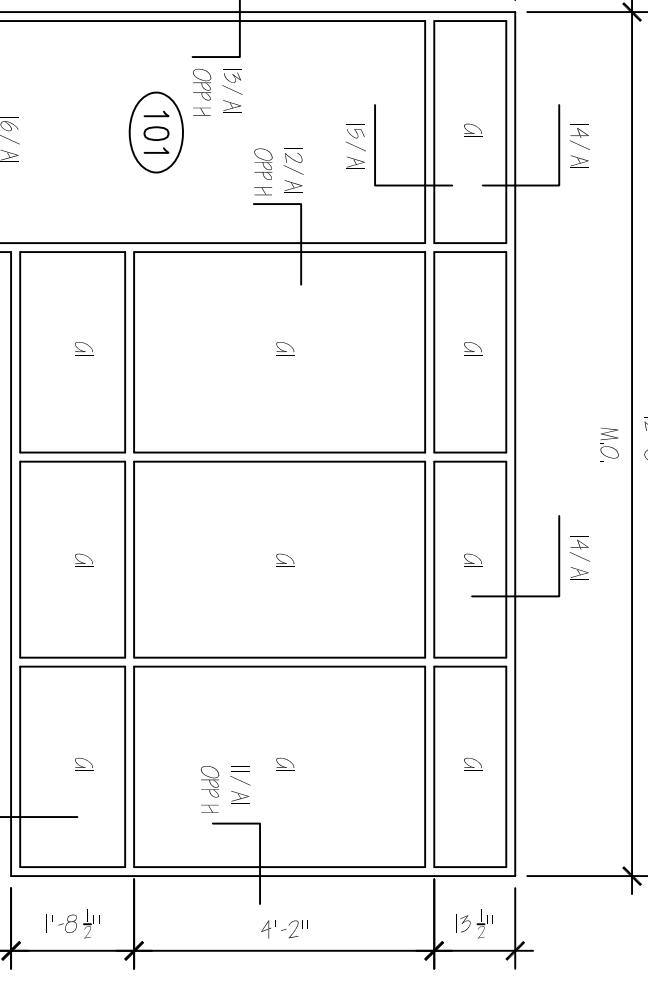
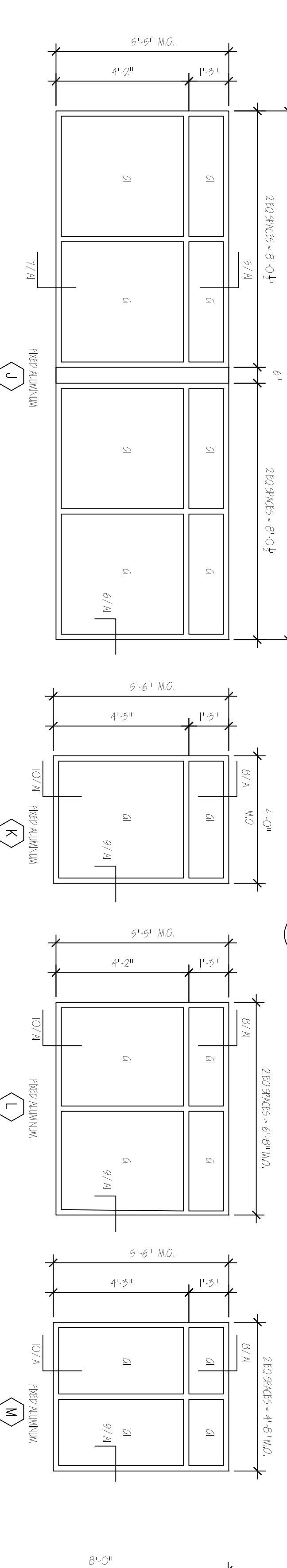
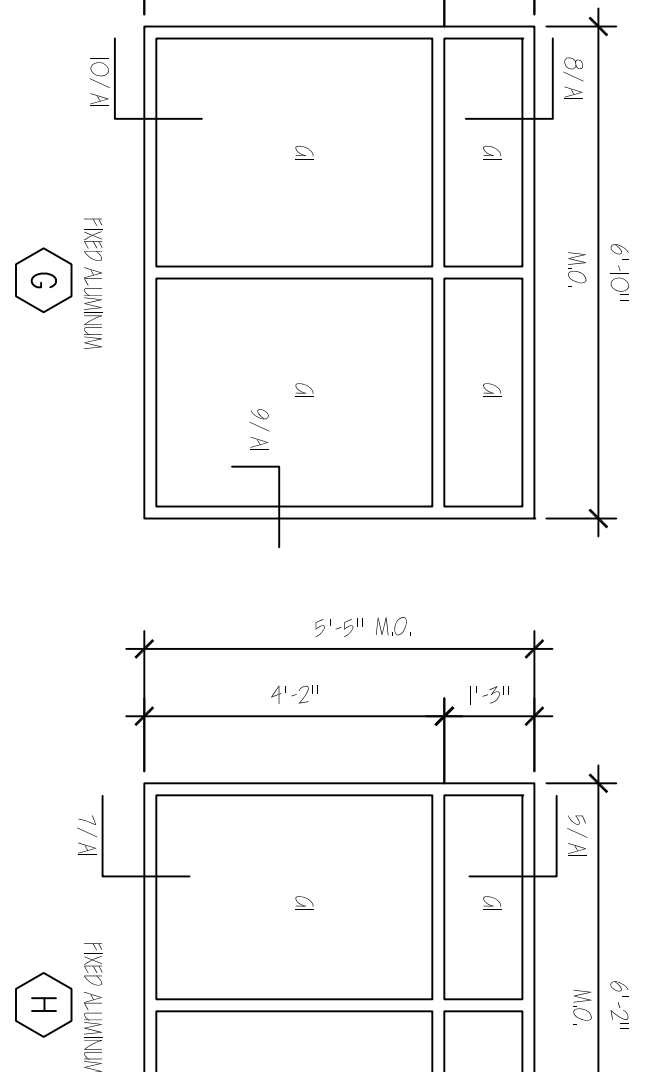
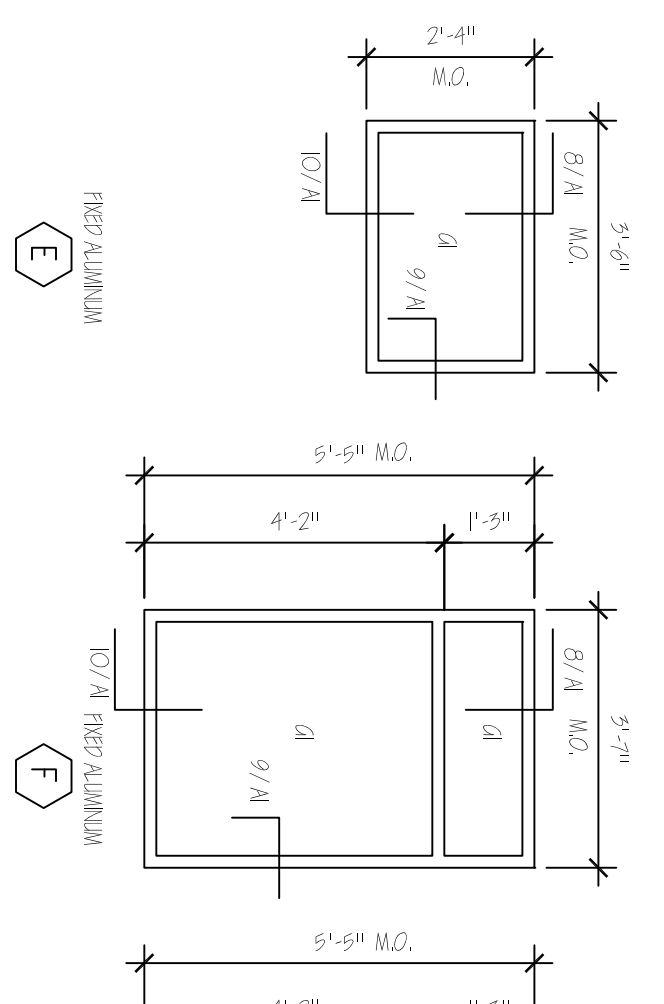
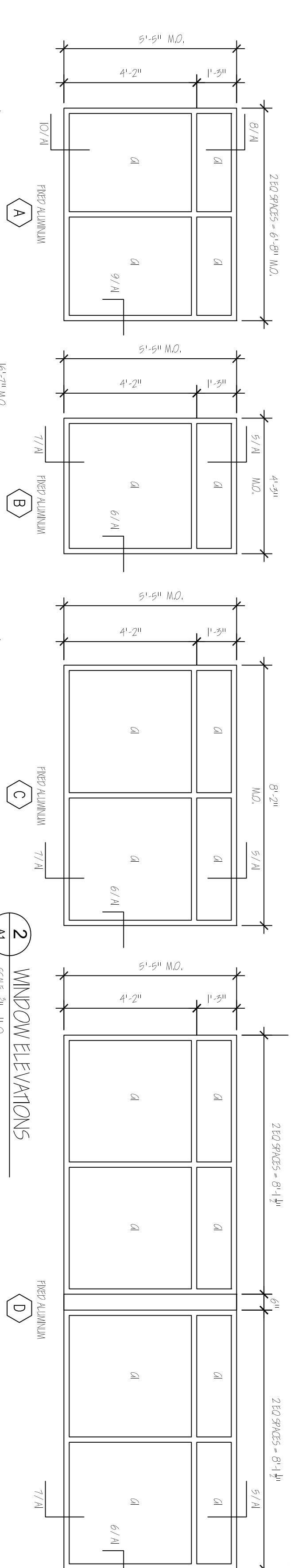
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ARCHITECT & ENGINEERS

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RALEIGH, NORTH CAROLINA 27601
PHONE: 919/707-4540 FAX 919/715-0399

BUILDING DIAGRAM, STOREFRONT & DOOR ELEVATIONS,
WINDOW ELEVATIONS, AND DETAILS

WINDOW REPLACEMENT for
North Carolina Highway Patrol
C & L Building
1300 BLUE RIDGE ROAD
RALEIGH, NORTH CAROLINA 27607

NO.	DATE
REVISIONS	
EQUIPMENT NUMBER	22-25609-01A
DATE ISSUED	3/31/22
DRAWN BY	MDG
CHECKED BY	MDG
SHEET NO.	A1



DOOR NO.	DOOR		FRAME		GLASS	JAMB	HEAD	SILL	REMARKS
	TYPE	SIZE	W/RT	FINISH					
15	16	9'-0" x 6'-0" x 1/2"	A	W/ ROUNDED	G2	F1	A	W/ ROUNDED	A
16	16	7'-0" x 6'-0" x 1/2"	A	W/ ROUNDED	G2	F2	A	W/ ROUNDED	A

MARK	DESCRIPTION
A1	FINISHING SCHEDULE CLASS - LOW CONSUM
G2	9' 0" SCHEDULE CLASS - LOW CONSUM

