# Mattamuskeet School Bldgs. 200 & 400 Roof Replacements

## ABBREVIATIONS

| | |
|---|---|
| 1R1S. | (1) ROD + (1) SHELF |
| ACI | AMERICAN CONCRETE INSTITUTE |
| ACT | ACOUSTICAL CEILING TILE |
| AFF | ABOVE FINISH FLOOR |
| AFG | ABOVE FINISH GRADE |
| AHU | AIR HANDLING UNIT |
| ALUM. | ALUMINUM |
| AM | ANTE MERIDEN |
| ARCH. | ARCHITECTURAL |
| ASTM | AMERICAN SOCIETY FOR TESTING AND MATERIALS |
| BFE | BASE FLOOD ELEVATION |
| B.O. | BOTTOM OF |
| CJ | CONTROL JOINT |
| CAB. | CABINET |
| CLG | CEILING |
| CMU | CONCRETE MASONRY UNIT |
| CO | CLEANOUT |
| CONC. | CONCRETE |
| CONT. | CONTINUOUS |
| CPET | COMMON PATH OF EXIT TRAVEL |
| CW | COLD WATER |
| DBL | DOUBLE |
| DR. | DOOR |
| DWG. | DRAWING |
| DWV | DRAIN/ WASTE/ VENT |
| DS | DOWNSPOUT |
| DTL. | DETAIL |
| EC | ELECTRICAL CONTRACTOR |
| EJ. | EXPANSION JOINT |
| ELECT. | ELECTRICAL |
| ELEV. | ELEVATION |
| ETC. | ETCETERA |
| E.T.R. | EXISTING TO REMAIN |
| EWC | ELECTRIC WATER COOLER |
| EXIST. | EXISTING |
| EXT. | EXTERIOR |
| FBGLS. | FIBERGLASS |
| FCP | FIBER CEMENT PANEL |
| FD | FLOOR DRAIN |
| FF | FINISH FLOOR |
| FEC | FIRE EXTINGUISHER CABINET |
| FJ | FALSE JOINT |
| FLR. | FLOOR |
| GC | GENERAL CONTRACTOR |
| GA. | GAUGE |
| GALV. | GALVANIZED |
| GEN | GENERAL |
| GS | GANG STUD |
| GWB | GYPSUM WALL BOARD |
| H/C | HANDICAPPED |
| HDWR | HARDWARE |
| HM | HOLLOW METAL |
| HORIZ. | HORIZONTAL |
| HP | HEAT PUMP |
| IM | ICEMAKER |
| INSUL. | INSULATION |
| INT. | INTERIOR |
| KW | KILOWATT |
| LOCS. | LOCATIONS |
| LSL | LAMINATED STRAND LUMBER |
| MAX. | MAXIMUM |
| MBT | MARBLE THRESHOLD |
| MC | MECHANICAL CONTRACTOR |
| MCJ | MASONRY CONTROL JOINT |
| MEJ | MASONRY EXPANSION JOINT |
| MECH. | MECHANICAL |
| MFR. | MANUFACTURER |
| MIN. | MINIMUM |
| MT | METAL THRESHOLD |
| MTL. | METAL |
| NCSBC | NORTH CAROLINA STATE BUILDING CODE |
| N.I.C. | NOT IN CONTRACT |
| NO. | NUMBER |
| NOM. | NOMINAL |
| O.C. | ON CENTER |
| O.D. | OVERFLOW DRAIN/OUTSIDE DIAMETER |
| O.H. | OPPOSITE HAND |
| OPNG. | OPENING |
| O/S | OUTSIDE |
| OTB | OPEN TO BELOW |
| PC | PLUMBING CONTRACTOR |
| PH | PHASE |
| PJ | PANEL JOINT |
| PL | POINT LOAD |
| P-LAM | PLASTIC LAMINATE |
| PME | PLUMBING, MECHANICAL, & ELECTRICAL |
| PP | PUSH PAD |
| PSF | POUNDS PER SQUARE FOOT |
| PSI | POUNDS PER SQUARE INCH |
| PSL | PARALLEL STRAND LUMBER |
| P.T. | PRESSURE TREATED |
| PNTD | PAINTED |
| P.W. / PWD | PLYWOOD |
| RC | REINFORCED CONCRETE |
| RCP | REFLECTED CEILING PLAN |
| RD | ROOF DRAIN |
| REINF | REINFORCED OR REINFORCING |
| REQ'D | REQUIRED |
| RL | ROOF LEADER |
| RUB | RUBBER |
| SAN | SANITARY |
| SF | SQUARE FOOT OR SQUARE FEET |
| SIM | SIMILAR |
| SP | SOUTHERN PINE |
| SPF | SPRUCE/ PINE/ FIR |
| SS | STAINLESS STEEL |
| STOR | STOREFRONT |
| STL. | STEEL |
| TD | TRAVEL DISTANCE |
| TME | TO MATCH EXISTING |
| T.O. | TOP OF |
| T.O.P. | TOP OF PLATE |
| TRD. | TREAD |
| TYP. | TYPICAL |
| U.N.O. | UNLESS NOTED OTHERWISE |
| V | VOLT/ VOLTAGE |
| VCT | VINYL COMPOSITE TILE |
| VERT. | VERTICAL |
| VIF | VERIFY IN FIELD |
| W/ | WITH |
| WGL | WIRE GLASS |
| WD | WOOD |

DRAWING NUMBER
1 View Name
1/8" = 1'-0"
DRAWING TITLE

DRAWING NUMBER
1
A101
SHEET NUMBER
EXTERIOR ELEVATION KEY

DRAWING NUMBER
1
A101
SHEET NUMBER
INTERIOR ELEVATION KEY

Name
Elevation
LEVEL CALLOUT

1
DOOR TAG

A
WINDOW TAG

A
WALL TAG

Room name
101
ROOM TAG

5' - 0"
DIMENSION (FACE OF STUD U.N.O.)

SIM
1
A101
SECTION KEY

SIM
1
A101
DETAIL KEY

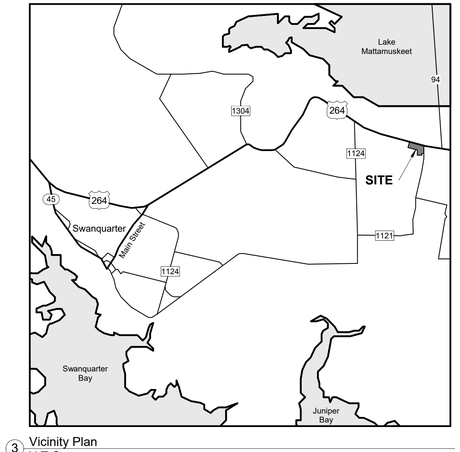
SIM
1
A101
ENLARGED PLAN OR DETAIL KEY

Drawing Symbols
1/4" = 1'-0"

**General Notes**

1. The Contractor shall provide engineered shop drawings using the structural design criteria as show.
2. The no-dollar-limit weathertightness warranty is 20-years from Substantial Completion with a warrantied windspeed of 72 mph.
3. It has been determined that a 1-1/2' snap-lock system will meet the wind uplift requirement.
4. The finish is to be standard 2-coat Kynar.
5. The roof panel thickness is to be 24 gauge galvalume.
6. A slip sheet shall be provided if required by the manufacturer.
7. The gable wall panels are to be replaced with R-panels of similar profile and of the same color as the roof panels. The round louvers are to be replaced.
8. Curbs are to be of the same material/gauge/color as the roof panels.
9. The gutters and downspouts are to be replaced. They are to be of the same material/gauge/color as the roof panels. Gutter joints are acceptable.
10. The ridge is not to be vented.
11. Manufacturers will be considered beyond those named in the specifications.
12. Panels may be striated to prevent oilcanning.
13. The panel color is to be "Ash Gray" or equal.
14. The new roof insulation is to be R-19 blankets.
15. Roof panels may be rolled on site.
16. All metal components are to be replaced, including wall coping and ledge flashing. All visible metal components are to be the same color.
17. Because the work will occur during the winter, because the contractor will be required to maintain weathertightness at all times, and because the building will remain in continuous use, there are no liquidated damages for time.
18. The contractor is responsible for waste removal and disposal. The local transfer site is not believed to have adequate capacity for waste from this project. The contractor may recycle materials. There is no salvage anticipated by the owner.
19. Power shall removed from buildings before demolition activities start.
20. Owner is to remove desired equipment before demolition.

1




3 Vicinity Plan
N.T.S.

STRUCTURAL DESIGN CRITERIA

RISK CATEGORY 3

DEAD LOAD

| | |
|---|---|
| ROOF PANEL, INSULATION | 2 PSF |
| FRAMING | 1PSF |
| TOTAL ADDITIONAL DEAD LOAD TO EXISTING ROOF | 3PSF |

2018 NCEBC SECTION 707.2 EXCEPTION 3 APPLIES TO THIS PROJECT.
NEW ROOF LOAD DOES NOT EXCEED 3 PSF.

LIVE LOAD 20 PSF

SNOW LOAD

| | |
|---|---|
| GROUND SNOW LOAD | 10 PSF |
| Is 1.1 | |
| Ce 1.0 | |
| Ct 1.2 | |
| Cs 1.0 | |
| SLOPED ROOF SNOW LOAD | 10 PSF |

WIND LOAD
EXPOSURE D

| | |
|---|---|
| Vult | 141 MPH |
| Vasd | 110 MPH |

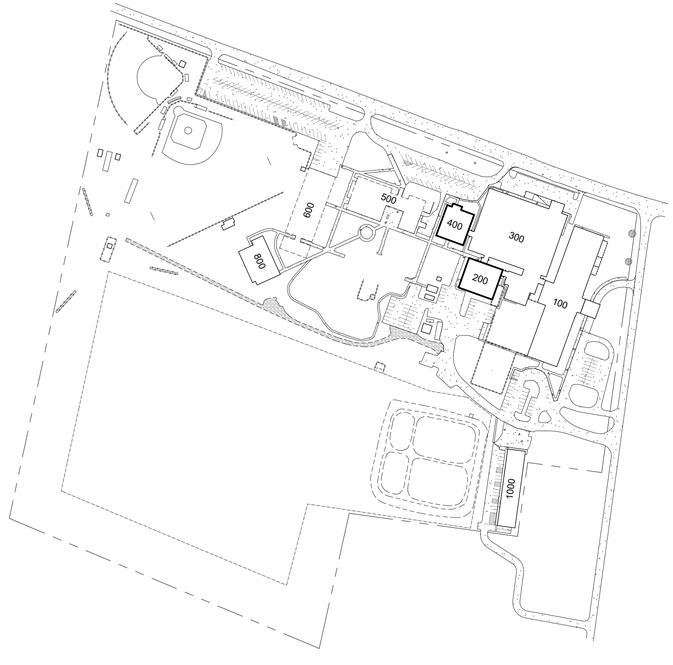
ROOF UPLIFT PRESSURES:
ROOF ZONE UPLIFT PRESSURE: 110 MPH
LOW ROOF:

| | | |
|---|---|---|
| INTERIOR | ZONE 1 | 31 PSF |
| EDGE | ZONE 2 | 54 PSF |
| CORNER | ZONE 3 | 80 PSF |

WALL PRESSURES

| | | |
|---|---|---|
| INTERIOR | ZONE 4 | 37 PSF |
| EDGE | ZONE 5 | 45 PSF |

1




4 Campus Plan
1" = 200'-0"

Drawing Index

| Sheet # | Sheet Name |
|---|---|
| G001 | Cover Sheet |
| G002 | Appendix B BLDG 200 |
| G003 | Appendix B BLDG 400 |
| A101 | Building 200 Roof Plan & Elevations |
| A102 | Building 400 Roof Plan & Elevations |
| A501 | Details |


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Project: **Mattamuskeet School Bldgs. 200 & 400 Roof Replacements**
Project No: **25056EF**
Location: **20392 U.S. Highway 264 Swan Quarter, NC 27885**
Title: **Cover Sheet**
Date: **September 29, 2025**
Scale: **As indicated**


The designer shall not be responsible for any error, omission, defect or deficiency in the contract documents ("error") prepared by the designer or its consultants which in any way impacts the schedule of the project, results in a lack of coordination among the contract documents, delays the completion of the project or which in any other way causes any damage or loss to the owner, contractor, subcontractors, or other entity involved in the project, unless: (i) designer is promptly notified of such error, in any event within 14 days of the date such error was discovered or could reasonably have been discovered; and (ii) designer is given opportunity at the time of discovery to address such error, and, if appropriate, take such steps as are necessary to correct and resolve it. Failure to comply with the provisions of this paragraph shall constitute a waiver of any claim for damages, or a right to offset against designer by owner, contractor or others and shall in no event cause or allow a reduction in the fees otherwise due designer for services provided on the project.


MARK AREY KASTEN REGISTERED ARCHITECT 7220 NORTH CAROLINA NAGS HEAD
STATE OF NORTH CAROLINA INTEC GROUP OF NORTH CAROLINA PLLC CHARLOTTE, NC C2855 REGISTERED ARCHITECTS
11/12/25

Revisions:

| No. | Description | Date |
|---|---|---|
| 1 | Revisions per DPI Comments | 11/12/25 |

Designed: MAK
Drawn: JPB
Reviewed: MAK
Cad File:

G001

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

(Reproduce the following data on the building plans sheet 1 or 2

Name of Project: Mattamuskeet School Building 200
Address: 20392 U.S. Highway 264
Swan Quarter, NC 27885

Owner/Authorized Agent: Hyde County Schools / Dr. Melanie Shaver, Superintendent
Phone #: 252-926-3281 E-Mail: mshaver@hyde.k12.nc.us
Owned By: [X] City/County [ ] Private [ ] State
Code Enforcement Jurisdiction: [ ] City _____ [X] County Hyde [ ] State

**CONTACT:** Mark Kasten, AIA, LEED AP

| DESIGNER | FIRM | NAME | LIC # | TELEPHONE # | E-MAIL |
|---|---|---|---|---|---|
| Architectural | Cahoon + Kasten Architects | Mark Kasten | 7220 | 252.441.0271 | mark@cbxarchitects.com |
| Civil | | | | | |
| Electrical | | | | | |
| Fire Alarm | | | | | |
| Plumbing | | | | | |
| Mechanical | | | | | |
| Sprinkler-Standpipe | | | | | |
| Structural | | | | | |
| Retaining Walls >5'h | | | | | |
| Other | | | | | |

**2018 NC BUILDING CODE:** [ ] New Building [ ] Addition [ ] 1st Time Interior Completion [ ] Shell / Core* [ ] Phased Construction*

*Contact the local inspection jurisdiction for possible additional procedures and requirements.

**2018 NC EXISTING BUILDING CODE:** [ ] Prescriptive [ ] Alteration Level I [ ] Historic Property [X] Repair [ ] Alteration Level II [ ] Change of Use [ ] Chapter 14 [ ] Alteration Level III

**CONSTRUCTED:** (date) 1998
**RENOVATED:** (date) _____
**RISK CATEGORY** (Table 1604.5): **Current:** II **Proposed:** II
**CURRENT OCCUPANCY(S)** (Ch. 3): E
**PROPOSED OCCUPANCY(S)** (Ch. 3): E

**BASIC BUILDING DATA**

**Construction Type** (check all that apply): [ ] I-A [ ] II-A [ ] III-A [ ] IV [ ] V-A; [ ] I-B [X] II-B [ ] III-B [ ] V-B
**Sprinklers:** [X] No [ ] Partial [ ] NFPA 13 [ ] NFPA 13R [ ] NFPA 13D
**Standpipes:** [X] No Class [ ] I [ ] II [ ] III [ ] Wet [ ] Dry
**Primary Fire District:** [X] No [ ] Yes **Flood Hazard Area:** [ ] No [X] Yes (AE3' / AE4' / RFPE 7.5')
**Special Inspections Required:** [X] No [ ] Yes If special inspections are required, contact the local inspection jurisdiction for additional procedures and requirements.

**Gross Building Area Table**

| FLOOR | EXISTING (SQ FT) | NEW (SQ FT) | SUB-TOTAL |
|---|---|---|---|
| 4th Floor | | | |
| 3rd Floor | | | |
| 2nd Floor | | | |
| Mezzanine | | | |
| 1st Floor | 9,096 SF | 0 SF | 9,096 SF |
| Basement | | | |
| Total | 9,096 SF | 0 SF | 9,096 SF |

**ALLOWABLE AREA**

**Primary Occupancy Classification(s):**
Assembly [ ] A-1 [ ] A-2 [ ] A-3 [ ] A-4 [ ] A-5
Business [ ]
Educational [X]
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-1 & I-2 Condition [ ] 1 [ ] 2; [ ] I-3 [ ] I-4 I-3 Condition [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
Mercantile [ ]
Residential [ ] R-1 [ ] R-2 [ ] R-3 [ ] R-4
Storage [ ] S-1 Moderate [ ] S-2 Low [ ] High Pile; [ ] Parking Garage [ ] Open [ ] Enclosed [ ] Repair Garage
Utility and Miscellaneous [ ]

**Accessory Occupancy Classification(s):** _____
**Incidental Uses** (Table 509): _____
**Special Uses** (Chapter 4 - List Code Sections): _____
**Special Provisions** (Chapter 5 - List Code Sections): _____
**Mixed Occupancy:** [X] No [ ] Yes Separation: __ Hr. Exception: __
[ ] Non-Separated Use (508.3)
[ ] Separated Use (508.4) See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} = \leq 1$$

$$\frac{\quad}{\quad} + \frac{\quad}{\quad} + \dots = \leq 1$$

| STORY # | DESCRIPTION AND USE | (A) BLDG. AREA PER STORY (ACTUAL) | (B) TABLE 506.2[4] AREA | (C) AREA FOR FRONTAGE INCREASE[1,5] | (D) ALLOWABLE AREA PER STORY OR UNLIMITED[2,3] |
|---|---|---|---|---|---|
| 1 | (E) SCHOOL K-12 | 9,096 SF | 14,500 SF | | 14,500 SF |
| | | | | | |
| | | | | | |
| | | | | | |
| | Building Area | 9,096 SF | Maximum Allowable Building Area | | 14,500 SF |

Area for Frontage Increase not Calculated

[1] Frontage area increases from Section 506.3 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
b. Total Building Perimeter = _____ (P)
c. Ratio (F/P) = _____ (F/P)
d. W = Minimum width of public way = _____ (W)
e. Percent of frontage increase If = 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 unsprinklered area value in Table 506.2.

**ALLOWABLE HEIGHT**

| | ALLOWABLE | SHOWN ON PLANS | CODE REFERENCE[1] |
|---|---|---|---|
| Building Height in Feet (Table 504.3)[2] | 55' | 27' ± | |
| Building Height in Stories (Table 504.4)[3] | 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 air traffic control towers must comply with Table 412.3.1.
3. Then maximum height of open parking garages must comply with Table 406.5.4.

**PERCENTAGE OF WALL OPENING CALCULATIONS**

| WALL | FIRE SEPARATION DISTANCE FROM PROPERTY LINES (FEET) | DEGREE OF OPENINGS PROTECTION (TABLE 705.8) | ALLOWABLE AREA (%) | ACTUAL SHOWN ON PLANS (%) |
|---|---|---|---|---|
| | | N/A | | |
| | | | | |
| | | | | |
| | | | | |

**FIRE PROTECTION REQUIREMENTS**

| BUILDING ELEMENT | FIRE SEPARATION DISTANCE (FEET) | RATING REQ'D | RATING PROVIDED (W/_____* REDUCTION) | DETAIL# AND SHEET# | DESIGN# FOR RATED ASSEMBLY | SHEET# FOR RATED PENETRATION | SHEET# FOR RATED JOINTS |
|---|---|---|---|---|---|---|---|
| Structural frame, including columns, girders, & trusses | | 0 | 0 | | | | |
| Bearing walls | | | | | | | |
| Exterior | | | | | | | |
| North | | 0 | 0 | | | | |
| East | | 0 | 0 | | | | |
| West | | 0 | 0 | | | | |
| South | | 0 | 0 | | | | |
| Interior | | 0 | 0 | | | | |
| Nonbearing walls and partitions | | | | | | | |
| Exterior walls | | | | | | | |
| North | | | | | | | |
| East | | | | | | | |
| West | | | | | | | |
| South | | | | | | | |
| Interior walls and partitions | | 0 | 0 | | | | |
| Floor construction Including supporting beams and joists | | 0 | 0 | | | | |
| Floor Ceiling Assembly | | 0 | 0 | | | | |
| Columns Supporting Floors | | 0 | 0 | | | | |
| Roof Construction, including supporting beams and joists | | 0 | 0 | | | | |
| Roof Ceiling Assembly | | 0 | 0 | | | | |
| Columns Supporting Roof | | 0 | 0 | | | | |
| Shafts Enclosures - Exit | | | | | | | |
| Shafts Enclosures - Other | | | | | | | |
| Corridor Separation | | | | | | | |
| Occupancy/ Fire Barrier Separation | | | | | | | |
| Party/Fire Wall Separation | | | | | | | |
| Smoke Barrier Separation | | | | | | | |
| Smoke Partition | | | | | | | |
| Tenant/Dwelling Unit/ Sleeping Unit Separation | | | | | | | |
| Incidental Use Separation | | | | | | | |

* Indicate section number permitting reduction

**LIFE SAFETY SYSTEM REQUIREMENTS** NO CHANGE

| | | | |
|---|---|---|---|
| Emergency Lighting: | [ ] No | [ ] Yes | |
| Exit Signs: | [ ] No | [ ] Yes | |
| Fire Alarm: | [ ] No | [ ] Yes | |
| Smoke Detection Systems: | [ ] No | [ ] Yes | [ ] Partial _____ |
| Carbon Monoxide Detection: | [ ] No | [ ] Yes | |

**LIFE SAFETY PLAN REQUIREMENTS**

Life Safety Plan Sheet #: NO CHANGE

[ ] Fire and/or smoke rated wall locations (Chapter 7)
[ ] Assumed and real property line locations (if not on the site plan)
[ ] Exterior wall opening area with respect to distance to assumed property lines (705.8)
[ ] Occupancy Use for each area as it relates to occupant load calculations (Table 1004.1.2)
[ ] Occupant loads for each area
[ ] Exit sign locations (1013)
[ ] Exit access travel distances (1017)
[ ] Common path of travel distances (1006.2.1 & 1006.3.2(1))
[ ] Dead end lengths (1020.4)
[ ] Clear exit widths for each exit door
[ ] Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
[ ] Actual occupant load for each exit door
[ ] A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
[ ] Location of doors with panic hardware (1010.1.10)
[ ] Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
[ ] Location of doors with electromagnetic egress locks (1010.1.9.9)
[ ] Location of doors equipped with hold-open devices
[ ] Location of emergency escape windows (1030)
[ ] The square footage of each fire area (202)
[ ] The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
[ ] Note any code exceptions or table notes that may have been utilized regarding the items above

**ACCESSIBLE DWELLING UNITS** (SECTION 1107)

| TOTAL UNITS | ACCESSIBLE UNITS REQUIRED | ACCESSIBLE UNITS PROVIDED | TYPE A UNITS REQUIRED | TYPE A UNITS PROVIDED | TYPE B UNITS REQUIRED | TYPE B UNITS PROVIDED | TOTAL ACCESSIBLE UNITS PROVIDED |
|---|---|---|---|---|---|---|---|
| | | | N/A | | | | |

**ACCESSIBLE PARKING** (SECTION 1106)

| LOT OR PARKING AREA | TOTAL # OF PARKING SPACES REQUIRED | TOTAL # OF PARKING SPACES PROVIDED | # OF ACCESSIBLE SPACES PROVIDED: REGULAR WITH 5' ACCESS AISLE | VAN SPACES WITH 132" ACCESS AISLE | VAN SPACES WITH 8' ACCESS AISLE | TOTAL # ACCESSIBLE PROVIDED |
|---|---|---|---|---|---|---|
| | | N/A | | | | |
| | | | | | | |
| | | | | | | |
| TOTAL | | | | | | |

**PLUMBING FIXTURE REQUIREMENTS** (TABLE 2902.1)

| | USE | WATERCLOSETS MALE | WATERCLOSETS FEMALE | WATERCLOSETS UNISEX | URINALS | LAVATORIES MALE | LAVATORIES FEMALE | LAVATORIES UNISEX | SHOWERS /TUBS | DRINKING FOUNTAINS REGULAR | DRINKING FOUNTAINS ACCESSIBLE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | EXISTING | | | | | | |
| SPACE | EXIST'G | | | | | | | | | | |
| SPACE | NEW | | | | | | | | | | |
| | REQ'D | | | | | | | | | | |

**SPECIAL APPROVALS**

**Special approval:** (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHA, etc., describe below)

DPI

**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 design.

**Existing building envelope complies with code:** [ ] No [ ] Yes (The remainder of this section is not applicable)

**Exempt Building:** [ ] No [ ] Yes (Provide code or statutory reference:) _____

**Climate Zone:** [X] 3A [ ] 4A [ ] 5A

**Method of Compliance:**
Energy Code [ ] Performance [X] Prescriptive
ASHRAE 90.1 [ ] Performance [ ] Prescriptive
Other [ ] (specify source) _____

**THERMAL ENVELOPE** (Prescriptive method only)

**Roof/ceiling Assembly** (each assembly)
Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Skylights in each assembly:
U-Value of skylights:
total s.f. of skylights in each assembly:
N/A

**Exterior Walls** (each assembly)
Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Openings (windows or doors with glazing)
U-Value of assembly:
Solar heat gain coefficient:
Projection factor:
Door R-Values:

**Walls below grade** (each assembly)
Description of assembly:
U-Value of total assembly:
R-Value of insulation:

**Floors over unconditioned space** (each assembly)
Description of assembly:
U-Value of total assembly:
R-Value of insulation:

**Floors slab on grade**
Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Horizontal/vertical requirement:
Slab heated:

**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:** _____ N/A

**Mechanical Spacing Conditioning System**
Unitary
description of unit: _____
heating efficiency: _____
cooling efficiency: _____
size category of unit: _____
Boiler
Size category. If oversized, state reason.: _____
Chiller
Size category. If oversized, state reason.: _____

**List equipment efficiencies:** _____

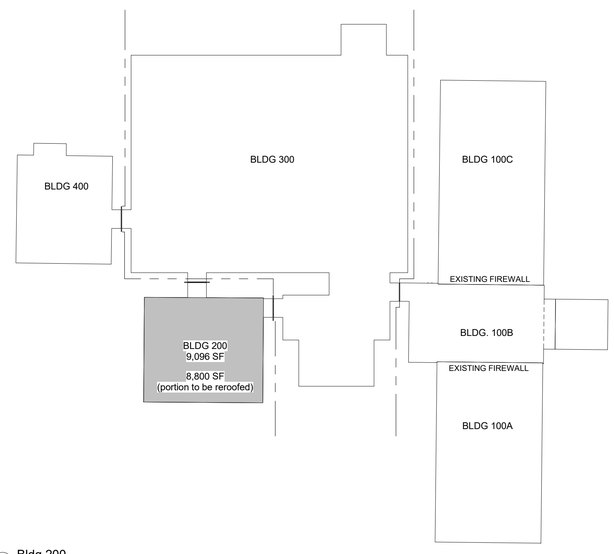
**ELECTRICAL SUMMARY**

**ELECTRICAL SYSTEM AND EQUIPMENT**

**Method of Compliance:**
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 building or space by space)
total exterior wattage specified vs. allowed
N/A

**Additional Efficiency Package Options**
**(When using the 2018 NCECC; not required for ASHRAE 90.1)**
[ ] C406.2 More Efficient HVAC Equipment Performance
[ ] 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 Heating




1 Bldg 200
1" = 60'-0"


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ARCHITECTS
an INTEC Group studio
118 WEST WOODHILL DRIVE, NAGS HEAD, NC 27959
252.441.0271 f 252.441.8724 f
office@cbxarchitects.com


Project: Mattamuskeet School Bldgs. 200 & 400 Roof Replacements
Project No: 25056EF
Location: 20392 U.S. Highway 264 Swan Quarter, NC 27885
Title: Appendix B BLDG 200
Date: September 29, 2025
Scale: 1" = 60'-0"


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MARK AREY KASTEN REGISTERED ARCHITECT 7220 NAGS HEAD, N.C.
09/29/25

STATE OF NORTH CAROLINA INTEC GROUP OF NORTH CAROLINA PLLC CHARLOTTE, NC 52855 REGISTERED ARCHITECTS

Revisions:

| No. | Description | Date |
|---|---|---|
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Designed: MAK
Drawn: JPB
Reviewed: MAK
Cad File:

G002

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

(Reproduce the following data on the building plans sheet 1 or 2

Name of Project: Mattamuskeet School Building 400
Address: 20392 U.S. Highway 264
Swan Quarter, NC 27885

Owner/Authorized Agent: Hyde County Schools / Dr. Melanie Shaver, Superintendent
Phone #: 252-926-3281 E-Mail: mshaver@hyde.k12.nc.us
Owned By: [X] City/County [ ] Private [ ] State
Code Enforcement Jurisdiction: [ ] City _____ [X] County Hyde [ ] State

**CONTACT:** Mark Kasten, AIA, LEED AP

| DESIGNER | FIRM | NAME | LIC # | TELEPHONE # | E-MAIL |
|---|---|---|---|---|---|
| Architectural | Cahoon + Kasten Architects | Mark Kasten | 7220 | 252.441.0271 | mark@cbxarchitects.com |
| Civil | | | | | |
| Electrical | | | | | |
| Fire Alarm | | | | | |
| Plumbing | | | | | |
| Mechanical | | | | | |
| Sprinkler-Standpipe | | | | | |
| Structural | | | | | |
| Retaining Walls >5'h | | | | | |
| Other | | | | | |

**2018 NC BUILDING CODE:** [ ] New Building [ ] Addition [ ] 1st Time Interior Completion [ ] Shell / Core* [ ] Phased Construction*

*Contact the local inspection jurisdiction for possible additional procedures and requirements.

**2018 NC EXISTING BUILDING CODE:** [ ] Prescriptive [ ] Alteration Level I [ ] Historic Property [X] Repair [ ] Alteration Level II [ ] Change of Use [ ] Chapter 14 [ ] Alteration Level III

**CONSTRUCTED:** (date) 1998
**RENOVATED:** (date) _____
**RISK CATEGORY** (Table 1604.5): **Current:** II **Proposed:** II
**CURRENT OCCUPANCY(S)** (Ch. 3): E
**PROPOSED OCCUPANCY(S)** (Ch. 3): E

**BASIC BUILDING DATA**

**Construction Type** (check all that apply): [ ] I-A [ ] II-A [ ] III-A [ ] IV [ ] V-A; [ ] I-B [X] II-B [ ] III-B [ ] V-B
**Sprinklers:** [X] No [ ] Partial [ ] NFPA 13 [ ] NFPA 13R [ ] NFPA 13D
**Standpipes:** [X] No Class [ ] I [ ] II [ ] III [ ] Wet [ ] Dry
**Primary Fire District:** [X] No [ ] Yes **Flood Hazard Area:** [ ] No [X] Yes (AE3' / AE4' / RFPE 7.5')
**Special Inspections Required:** [x] No [ ] Yes If special inspections are required, contact the local inspection jurisdiction for additional procedures and requirements.

**Gross Building Area Table**

| FLOOR | EXISTING (SQ FT) | NEW (SQ FT) | SUB-TOTAL |
|---|---|---|---|
| 4th Floor | | | |
| 3rd Floor | | | |
| 2nd Floor | | | |
| Mezzanine | | | |
| 1st Floor | 7,603 SF | 0 SF | 7,603 SF |
| Basement | | | |
| Total | 7,603 SF | 0 SF | 7,603 SF |

**ALLOWABLE AREA**

**Primary Occupancy Classification(s):**
Assembly [ ] A-1 [ ] A-2 [ ] A-3 [ ] A-4 [ ] A-5
Business [ ]
Educational [X]
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-1 & I-2 Condition [ ] 1 [ ] 2; [ ] I-3 [ ] I-4 I-3 Condition [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
Mercantile [ ]
Residential [ ] R-1 [ ] R-2 [ ] R-3 [ ] R-4
Storage [ ] S-1 Moderate [ ] S-2 Low [ ] High Pile; [ ] Parking Garage [ ] Open [ ] Enclosed [ ] Repair Garage
Utility and Miscellaneous [ ]

**Accessory Occupancy Classification(s):** _____
**Incidental Uses** (Table 509): _____
**Special Uses** (Chapter 4 - List Code Sections): _____
**Special Provisions** (Chapter 5 - List Code Sections): _____
**Mixed Occupancy:** [X] No [ ] Yes Separation: __ Hr. Exception: __
[ ] Non-Separated Use (508.3)
[ ] Separated Use (508.4) See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

$$\frac{\textit{Actual Area of Occupancy A}}{\textit{Allowable Area of Occupancy A}} + \frac{\textit{Actual Area of Occupancy B}}{\textit{Allowable Area of Occupancy B}} = \leq 1$$

$$\frac{\quad}{\quad} + \frac{\quad}{\quad} + \dots = \leq 1$$

| STORY # | DESCRIPTION AND USE | (A) BLDG. AREA PER STORY (ACTUAL) | (B) TABLE 506.2[4] AREA | (C) AREA FOR FRONTAGE INCREASE[1,5] | (D) ALLOWABLE AREA PER STORY OR UNLIMITED[2,3] |
|---|---|---|---|---|---|
| 1 | (E) SCHOOL K-12 | 7,603 SF | 14,500 SF | | 14,500 SF |
| | | | | | |
| | | | | | |
| | | | | | |
| | Building Area | 7,603 SF | Maximum Allowable Building Area | | 14,500 SF |

Area for Frontage Increase not Calculated

[1] Frontage area increases from Section 506.3 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
b. Total Building Perimeter = _____ (P)
c. Ratio (F/P) = _____ (F/P)
d. W = Minimum width of public way = _____ (W)
e. Percent of frontage increase If = 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 unsprinklered area value in Table 506.2.

**ALLOWABLE HEIGHT**

| | ALLOWABLE | SHOWN ON PLANS | CODE REFERENCE[1] |
|---|---|---|---|
| Building Height in Feet (Table 504.3)[2] | 55' | 23' ± | |
| Building Height in Stories (Table 504.4)[3] | 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 air traffic control towers must comply with Table 412.3.1.
3. Then maximum height of open parking garages must comply with Table 406.5.4.

**PERCENTAGE OF WALL OPENING CALCULATIONS**

| WALL | FIRE SEPARATION DISTANCE FROM PROPERTY LINES (FEET) | DEGREE OF OPENINGS PROTECTION (TABLE 705.8) | ALLOWABLE AREA (%) | ACTUAL SHOWN ON PLANS (%) |
|---|---|---|---|---|
| | | N/A | | |
| | | | | |
| | | | | |
| | | | | |

**FIRE PROTECTION REQUIREMENTS**

| BUILDING ELEMENT | FIRE SEPARATION DISTANCE (FEET) | RATING REQ'D | RATING PROVIDED (W/_____* REDUCTION) | DETAIL# AND SHEET# | DESIGN# FOR RATED ASSEMBLY | SHEET# FOR RATED PENETRATION | SHEET# FOR RATED JOINTS |
|---|---|---|---|---|---|---|---|
| Structural frame, including columns, girders, & trusses | | 0 | 0 | | | | |
| Bearing walls | | | | | | | |
| Exterior | | | | | | | |
| North | | 0 | 0 | | | | |
| East | | 0 | 0 | | | | |
| West | | 0 | 0 | | | | |
| South | | 0 | 0 | | | | |
| Interior | | 0 | 0 | | | | |
| Nonbearing walls and partitions | | | | | | | |
| Exterior walls | | | | | | | |
| North | | | | | | | |
| East | | | | | | | |
| West | | | | | | | |
| South | | | | | | | |
| Interior walls and partitions | | 0 | 0 | | | | |
| Floor construction Including supporting beams and joists | | 0 | 0 | | | | |
| Floor Ceiling Assembly | | 0 | 0 | | | | |
| Columns Supporting Floors | | 0 | 0 | | | | |
| Roof Construction, including supporting beams and joists | | 0 | 0 | | | | |
| Roof Ceiling Assembly | | 0 | 0 | | | | |
| Columns Supporting Roof | | 0 | 0 | | | | |
| Shafts Enclosures - Exit | | | | | | | |
| Shafts Enclosures - Other | | | | | | | |
| Corridor Separation | | | | | | | |
| Occupancy/ Fire Barrier Separation | | | | | | | |
| Party/Fire Wall Separation | | | | | | | |
| Smoke Barrier Separation | | | | | | | |
| Smoke Partition | | | | | | | |
| Tenant/Dwelling Unit/ Sleeping Unit Separation | | | | | | | |
| Incidental Use Separation | | | | | | | |

* Indicate section number permitting reduction

**LIFE SAFETY SYSTEM REQUIREMENTS** NO CHANGE

| | | | |
|---|---|---|---|
| Emergency Lighting: | [ ] No | [ ] Yes | |
| Exit Signs: | [ ] No | [ ] Yes | |
| Fire Alarm: | [ ] No | [ ] Yes | |
| Smoke Detection Systems: | [ ] No | [ ] Yes | [ ] Partial _____ |
| Carbon Monoxide Detection: | [ ] No | [ ] Yes | |

**LIFE SAFETY PLAN REQUIREMENTS**

Life Safety Plan Sheet #: NO CHANGE

[ ] Fire and/or smoke rated wall locations (Chapter 7)
[ ] Assumed and real property line locations (if not on the site plan)
[ ] Exterior wall opening area with respect to distance to assumed property lines (705.8)
[ ] Occupancy Use for each area as it relates to occupant load calculations (Table 1004.1.2)
[ ] Occupant loads for each area
[ ] Exit sign locations (1013)
[ ] Exit access travel distances (1017)
[ ] Common path of travel distances (1006.2.1 & 1006.3.2(1))
[ ] Dead end lengths (1020.4)
[ ] Clear exit widths for each exit door
[ ] Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
[ ] Actual occupant load for each exit door
[ ] A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
[ ] Location of doors with panic hardware (1010.1.10)
[ ] Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
[ ] Location of doors with electromagnetic egress locks (1010.1.9.9)
[ ] Location of doors equipped with hold-open devices
[ ] Location of emergency escape windows (1030)
[ ] The square footage of each fire area (202)
[ ] The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
[ ] Note any code exceptions or table notes that may have been utilized regarding the items above

**ACCESSIBLE DWELLING UNITS** (SECTION 1107)

| TOTAL UNITS | ACCESSIBLE UNITS REQUIRED | ACCESSIBLE UNITS PROVIDED | TYPE A UNITS REQUIRED | TYPE A UNITS PROVIDED | TYPE B UNITS REQUIRED | TYPE B UNITS PROVIDED | TOTAL ACCESSIBLE UNITS PROVIDED |
|---|---|---|---|---|---|---|---|
| | | | N/A | | | | |

**ACCESSIBLE PARKING** (SECTION 1106)

| LOT OR PARKING AREA | TOTAL # OF PARKING SPACES | | # OF ACCESSIBLE SPACES PROVIDED | | | TOTAL # ACCESSIBLE PROVIDED |
|---|---|---|---|---|---|---|
| | REQUIRED | PROVIDED | REGULAR WITH 5' ACCESS AISLE | VAN SPACES WITH 132" ACCESS AISLE | VAN SPACES WITH 8' ACCESS AISLE | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| TOTAL | | | | | | |

**PLUMBING FIXTURE REQUIREMENTS** (TABLE 2902.1)

| | USE | WATERCLOSETS | | | URINALS | | LAVATORIES | | | SHOWERS /TUBS | DRINKING FOUNTAINS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MALE | FEMALE | UNISEX | | | MALE | FEMALE | UNISEX | | REGULAR | ACCESSIBLE |
| SPACE | EXIST'G | | | | EXISTING | | | | | | | |
| | NEW | | | | | | | | | | | |
| | REQ'D | | | | | | | | | | | |

**SPECIAL APPROVALS**

**Special approval:** (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHA, etc., describe below)

DPI

**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 design.

**Existing building envelope complies with code:** [ ] No [ ] Yes (The remainder of this section is not applicable)

**Exempt Building:** [ ] No [ ] Yes (Provide code or statutory reference:) _____

**Climate Zone:** [X] 3A [ ] 4A [ ] 5A

**Method of Compliance:**
Energy Code [ ] Performance [X] Prescriptive
ASHRAE 90.1 [ ] Performance [ ] Prescriptive
Other [ ] (specify source) _____

**THERMAL ENVELOPE** (Prescriptive method only)

**Roof/ceiling Assembly** (each assembly)
Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Skylights in each assembly:
U-Value of skylights:
total s.f. of skylights in each assembly:
N/A

**Exterior Walls** (each assembly)
Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Openings (windows or doors with glazing)
U-Value of assembly:
Solar heat gain coefficient:
Projection factor:
Door R-Values:

**Walls below grade** (each assembly)
Description of assembly:
U-Value of total assembly:
R-Value of insulation:

**Floors over unconditioned space** (each assembly)
Description of assembly:
U-Value of total assembly:
R-Value of insulation:

**Floors slab on grade**
Description of assembly:
U-Value of total assembly:
R-Value of insulation:
Horizontal/vertical requirement:
Slab heated:

**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:** _____ N/A

**Mechanical Spacing Conditioning System**
Unitary
description of unit: _____
heating efficiency: _____
cooling efficiency: _____
size category of unit: _____
Boiler
Size category. If oversized, state reason.: _____
Chiller
Size category. If oversized, state reason.: _____

**List equipment efficiencies:** _____

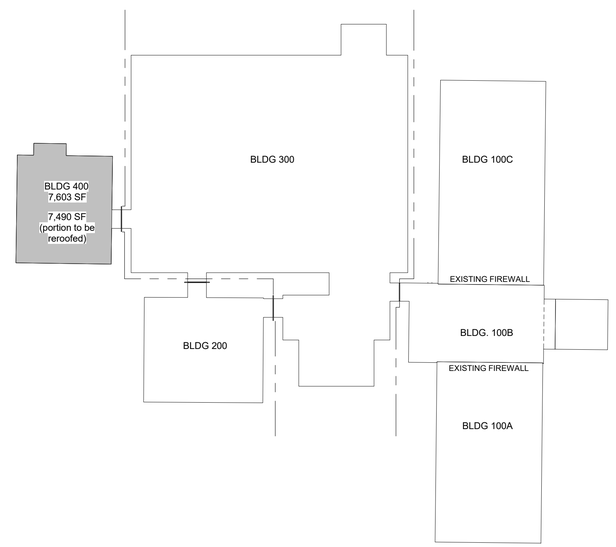
**ELECTRICAL SUMMARY**

**ELECTRICAL SYSTEM AND EQUIPMENT**

**Method of Compliance:**
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 building or space by space)
total exterior wattage specified vs. allowed
N/A

**Additional Efficiency Package Options**
**(When using the 2018 NCECC; not required for ASHRAE 90.1)**
[ ] C406.2 More Efficient HVAC Equipment Performance
[ ] 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 Heating




1 Bldg 400
1" = 60'-0"


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Project: Mattamuskeet School Bldgs. 200 & 400 Roof Replacements
Project No: 25056EF
Location: 20392 U.S. Highway 264 Swan Quarter, NC 27885
Title: Appendix B BLDG 400
Date: September 29, 2025
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MARK AREY KASTEN REGISTERED ARCHITECT 7220 NAGS HEAD, N.C.
09/29/25

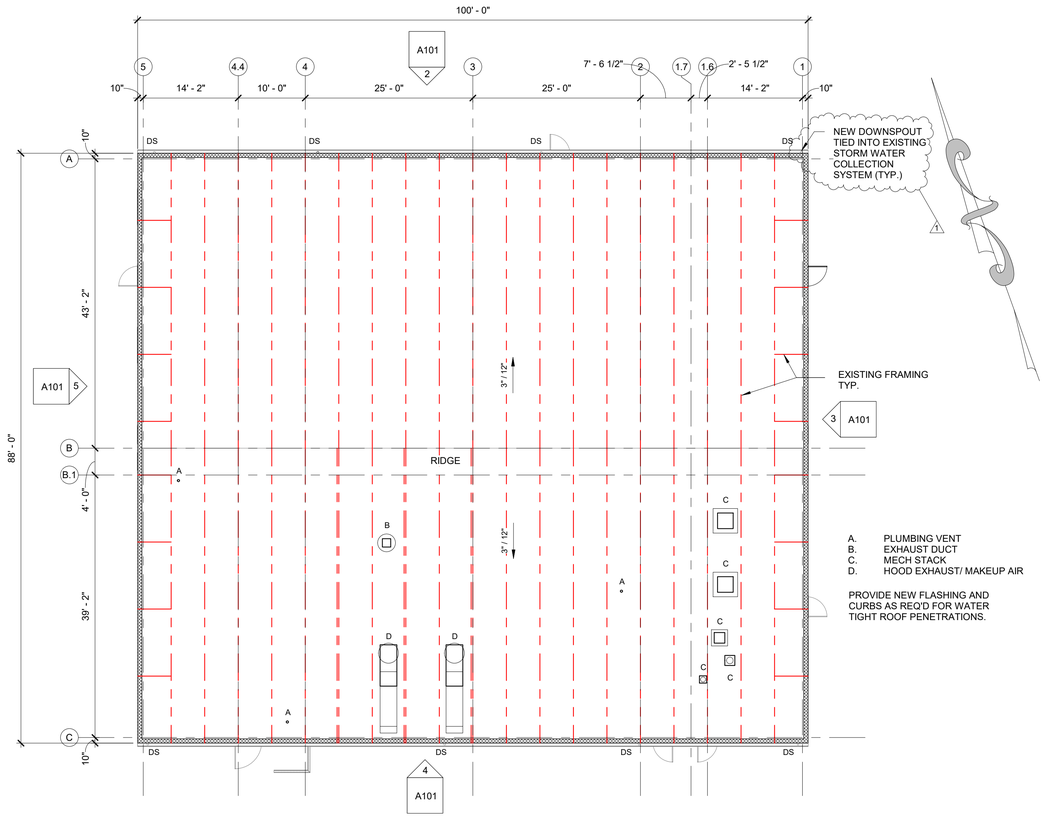
STATE OF NORTH CAROLINA INTEC GROUP OF NORTH CAROLINA PLLC CHARLOTTE, NC 52855 REGISTERED ARCHITECTS

Revisions:

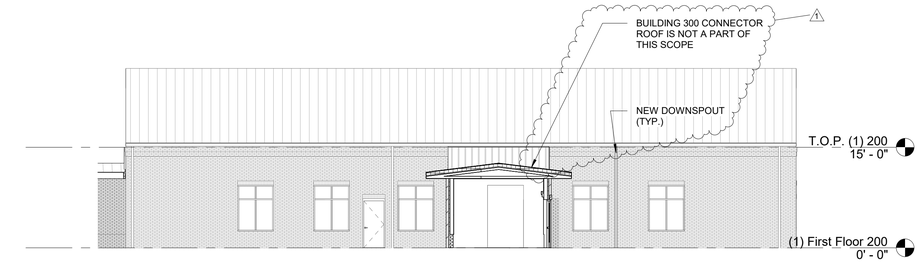
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Drawn: JPB
Reviewed: MAK
Cad File:

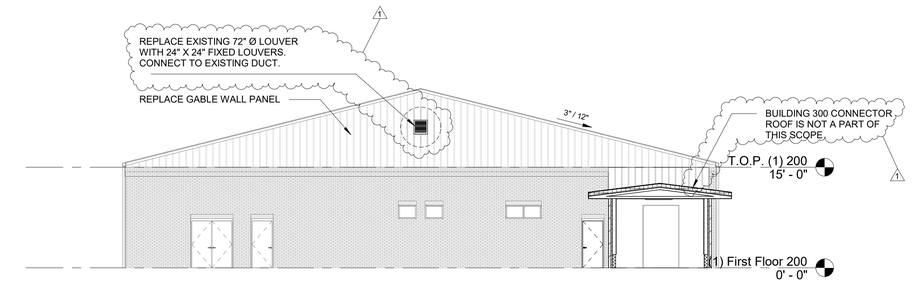
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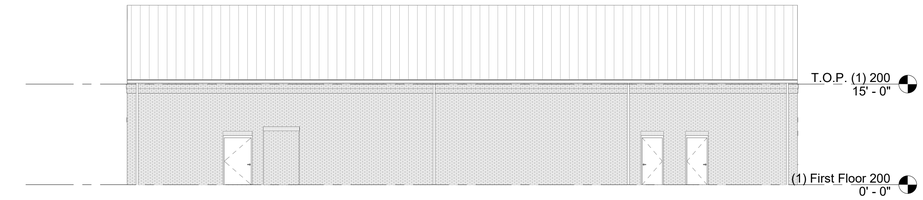

1 Roof Plan 200
3/32" = 1'-0"



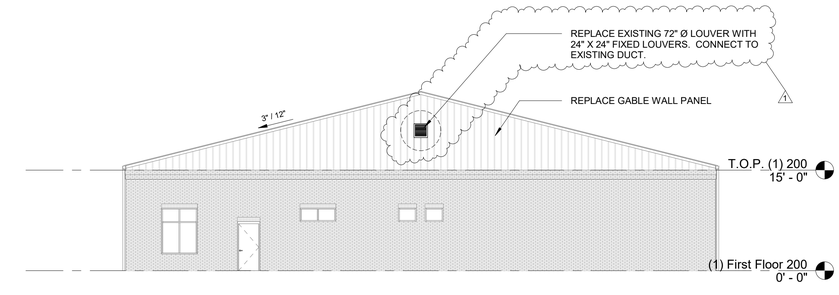

2 North Elevation - 200
3/32" = 1'-0"



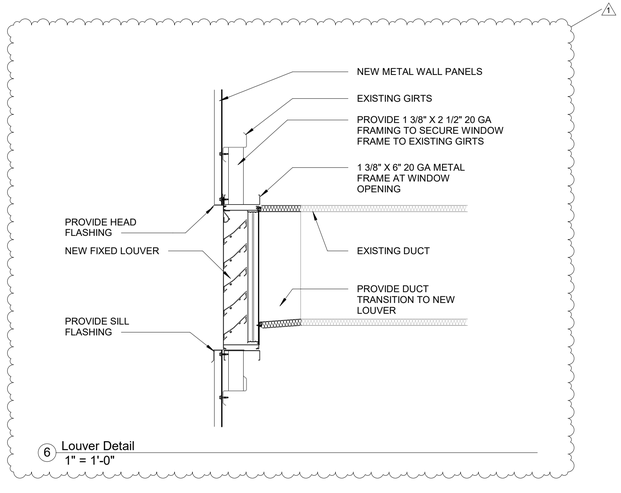

3 East Elevation - 200
3/32" = 1'-0"




4 South Elevation - 200
3/32" = 1'-0"




5 West Elevation - 200
3/32" = 1'-0"




6 Louver Detail
1" = 1'-0"

cahoon+kasten
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252.441.0271 P 252.441.8724 F
office@obxarchitects.com

| | |
|---|---|
| Project: | **Mattamuskeet School Bldgs. 200 & 400 Roof Replacements** |
| Project No: | **25056EF** |
| Location: | **20392 U.S. Highway 264 Swan Quarter, NC 27885** |
| Title: | **Building 200 Roof Plan & Elevations** |
| Date: | **September 29, 2025** |
| Scale: | **As indicated** |

1'0" 1'2" 4' 8' 16' 24'
3/32" = 1'-0"

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MARK KREY KASTEN REGISTERED ARCHITECT 7220 NORTH CAROLINA NAGS HEAD
09/29/25

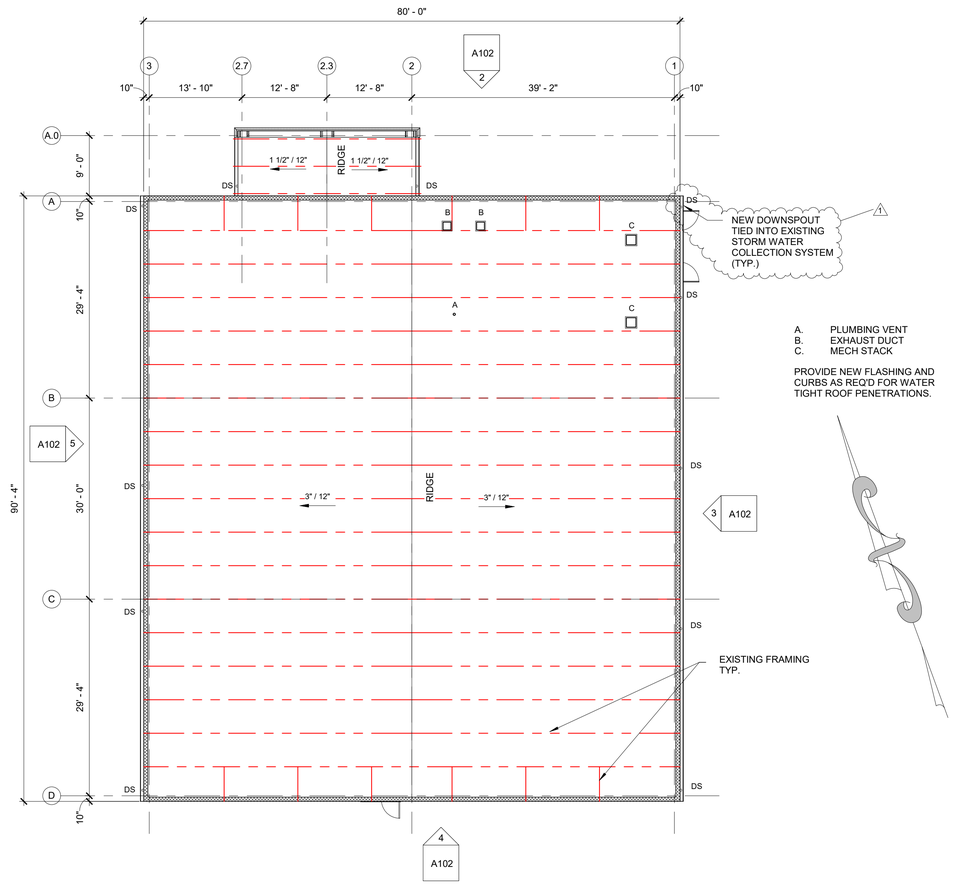
STATE OF NORTH CAROLINA INTEC GROUP OF NORTH CAROLINA PLLC CHARLOTTE, NC 52855 REGISTERED ARCHITECTS

Revisions:

| No. | Description | Date |
|---|---|---|
| 1 | Revisions per DPI Comments | 11/12/25 |

| | |
|---|---|
| Designed: | MAK |
| Drawn: | JPB |
| Reviewed: | MAK |
| Cad File: | |

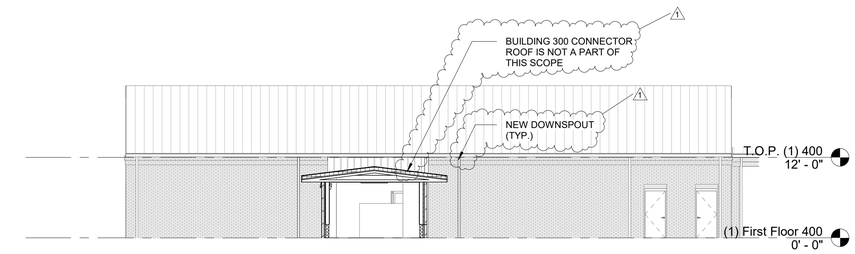
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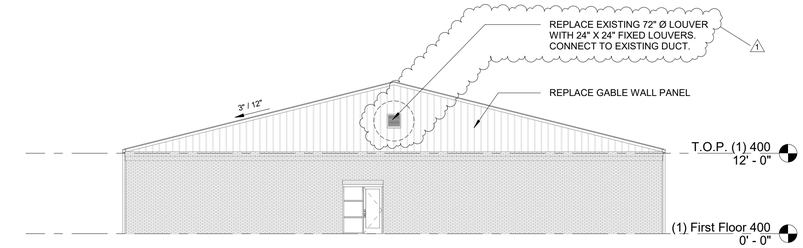

1 Roof Plan 400
3/32" = 1'-0"



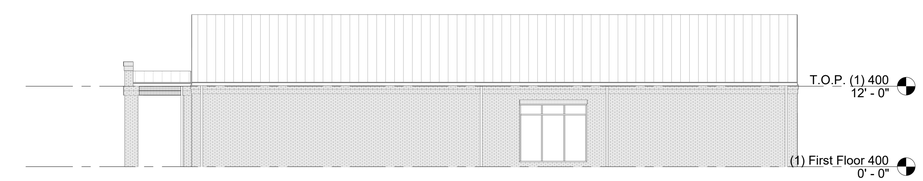

2 North Elevation - 400
3/32" = 1'-0"




3 East Elevation - 400
3/32" = 1'-0"



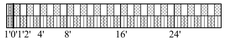

4 South Elevation - 400
3/32" = 1'-0"




5 West Elevation - 400
3/32" = 1'-0"

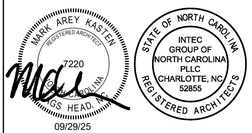
cahoon+kasten
ARCHITECTS
an INTEC Group studio
118 WEST WOODHILL DRIVE, NAGS HEAD, NC 27959
252.441.0271 P 252.441.8724 F
office@cbxarchitects.com

Project: **Mattamuskeet School Bldgs. 200 & 400 Roof Replacements**
Project No: **25056EF**
Location: **20392 U.S. Highway 264 Swan Quarter, NC 27885**
Title: **Building 400 Roof Plan & Elevations**
Date: **September 29, 2025**
Scale: **3/32" = 1'-0"**




3/32" = 1'-0"

The designer shall not be responsible for any error, omission, defect or deficiency in the contract documents ("error") prepared by the designer or its consultants which in any way impacts the schedule of the project, results in a lack of coordination among the contract documents, delays the completion of the project or which in any other way causes any damage or loss to the owner, contractor, subcontractors, or other entity involved in the project, unless: (i) designer is promptly notified of such error, in any event within 14 days of the date such error was discovered or could reasonably have been discovered; and (ii) designer is given opportunity at the time of discovery to address such error, and, if appropriate, take such steps as are necessary to correct and resolve it. Failure to comply with the provisions of this paragraph shall constitute a waiver of any claim for damages, or a right to offset against designer by owner, contractor or others and shall in no event cause or allow a reduction in the fees otherwise due designer for services provided on the project.

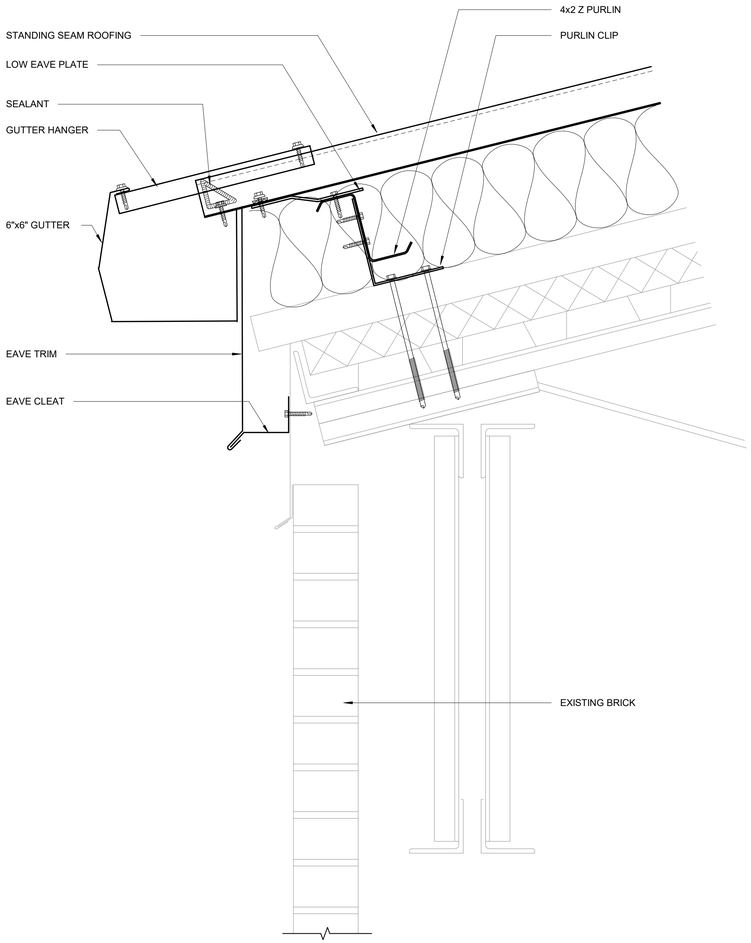



Revisions:

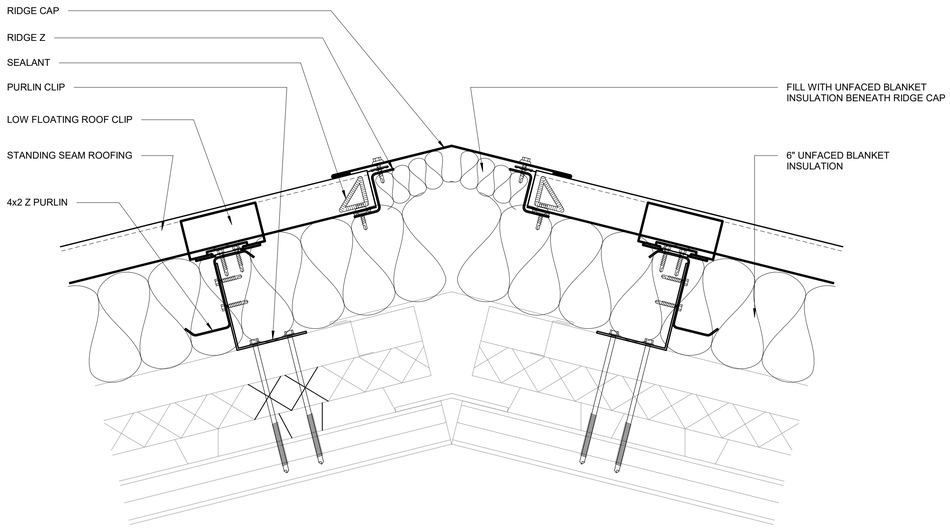
| No. | Description | Date |
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| 1 | Revisions per DPI Comments | 11/12/25 |
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Designed: MAK
Drawn: JPB
Reviewed: MAK
Cad File:

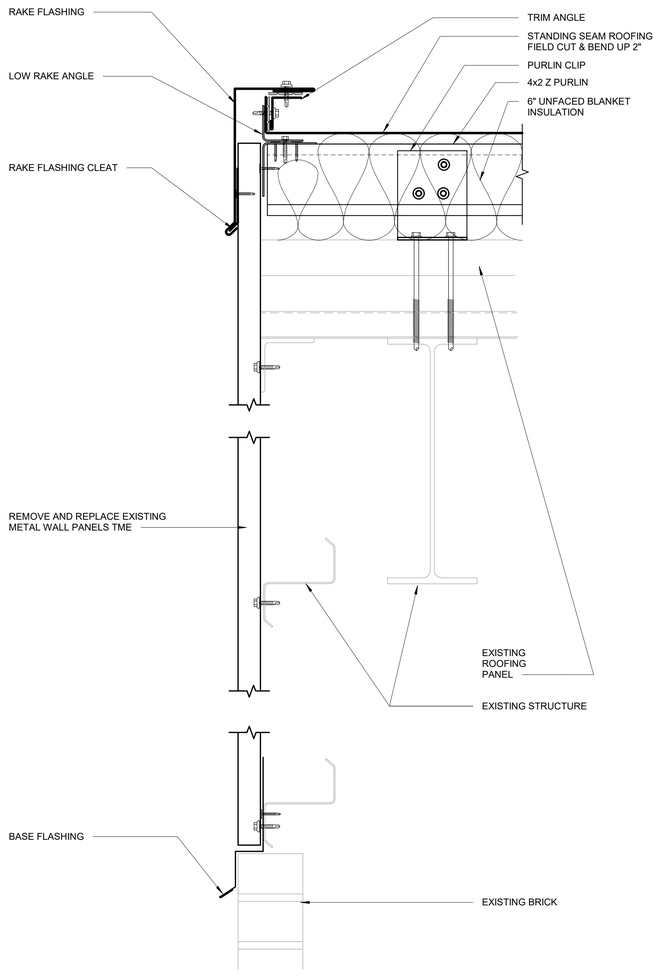
A102




1 Eave and Gutter Detail
3" = 1'-0"




2 Non-Vented Ridge Detail
3" = 1'-0"




3 Rake Detail
3" = 1'-0"

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|---|---|
| Project: | **Mattamuskeet School Bldgs. 200 & 400 Roof Replacements** |
| Project No: | **25056EF** |
| Location: | **20392 U.S. Highway 264 Swan Quarter, NC 27885** |
| Title: | **Details** |
| Date: | **September 29, 2025** |
| Scale: | **3" = 1'-0"** |

1' 9" 6" 3" 0'
3" = 1'-0"

The designer shall not be responsible for any error, omission, defect or deficiency in the contract documents ("error") prepared by the designer or its consultants which in any way impacts the schedule of the project, results in a lack of coordination among the contract documents, delays the completion of the project or which in any other way causes any damage or loss to the owner, contractor, subcontractors, or other entity involved in the project, unless: (i) designer is promptly notified of such error, in any event within 14 days of the date such error was discovered or could reasonably have been discovered; and (ii) designer is given opportunity at the time of discovery to address such error, and, if appropriate, take such steps as are necessary to correct and resolve it. Failure to comply with the provisions of this paragraph shall constitute a waiver of any claim for damages, or a right to offset against designer by owner, contractor or others and shall in no event cause or allow a reduction in the fees otherwise due designer for services provided on the project.

MARK AREY KASTEN REGISTERED ARCHITECT 7220 NAGS HEAD, NC
09/29/25

STATE OF NORTH CAROLINA INTEC GROUP OF NORTH CAROLINA PLLC CHARLOTTE, NC 52855 REGISTERED ARCHITECTS

Revisions:

| No. | Description | Date |
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| Designed: | MAK |
| Drawn: | JPB |
| Reviewed: | MAK |
| Cad File: | |

A501