APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
EXCEPT 1 & 2 FAMILY DWELLING & TOWNHOUSES

PROJECT DATA:

Name of Project:	Town Creek Middle School
Address:	6370 LAKE PARK DRIVE SE WINNABOW, NC 28479
Project Number:	17206.01
Proposed Use:	Education / Middle School
Owner or Authorized Agent:	Jack Doyle
Phone No. / Email:	(910) 253-1077; jdoyle@bcswan.net
Owned By:	Brunswick County School
Code Enforcement Jurisdiction:	☒ City/County ☐ Private ☐ State ☒ County: Brunswick ☐ State: North Carolina

LEAD DESIGN PROFESSIONAL: Mr. Doug Burns, AIA

DESIGNER	FIRM / LICENSE	NAME / PHONE	EMAIL
Architectural	KSQ Design 6458	Doug Burns 704.364.3400	dburns@ksq.design
Electrical	Quality Consulting Engineers, PLLC #P-1184	Donnie Jones 803.207.5450	djones@qualityconsultingengineers.com
Fire Alarm	Quality Consulting Engineers, PLLC #P-1184	Donnie Jones 803.207.5450	djones@qualityconsultingengineers.com
Plumbing	KSQ Design 041988	John Nolting 704.364.3400	Jnolting@ksq.design
Mechanical	KSQ Design 041988	John Nolting 704.364.3400	Jnolting@ksq.design
Sprinkler / Standpipe	KSQ Design 041988	John Nolting 704.364.3400	Jnolting@ksq.design
Structural	Criser Troutman Tanner Consulting Engineers F-0113	Jeff Troutman 910.397.2929	jtroutman@cttengineering.com

APPLICABLE CODES:

Edition Year of Code: See List Below (NCSBC - NC State Building Code)

NCSBC 2012 Edition for Existing: New Construction ☒ Addition ☐ Upfit ☐
Reconstruction ☐ Alteration ☐ Repair ☐
Year: Constructed: 2018 Renovated: ________
Uses(s): (Ch 3) Original: Education Current: Education
Proposed: Education

TRADE	CODE		EDITION
General Construction	NCSBC	Building Code	2012
Administration & Enforcement	NCSBC	Administrative Code	2012
Plumbing	NCSBC	Plumbing Code	2012
Mechanical	NCSBC	Mechanical Code	2012
Electrical	National Electrical Code - NFPA 70		2014
Fire Prevention	NCSBC	Fire Prevention Code	2012
Gas	NCSBC	Fuel Gas Code	2012
Energy - Commercial	NCSBC	Energy Conservation Code	2012
Accessibility	NCSBC	Building Code	2012
	2012 Chapter 11	ICC/ANSI A117.1	2009
Special Fire Codes	NFPA 99		2012
	NFPA 30 A		2012
Zoning	Brunswick County		

BUILDING DATA:

Construction Type: Shell
I-A ☐ II-A ☐ III-A ☐ IV ☐ V-A ☐
I-B ☐ II-B ☒ III-B ☐ V-B ☐

Sprinklers: Shell Building
No ☐ Partial ☐ Yes ☒ NFPA 13 ☒ NFPA 13R ☐ NFPA 13D ☐

Standpipes:
No ☐ Yes ☒
Class: I ☒ II ☐ III ☐ Wet ☒ Dry ☐

Fire District:
No ☒ Yes (Primary) ☐

Flood Hazard Area:
No ☒ Yes ☐

Building Height:
35'-0" Feet Stories 2

Mezzanine:
No ☒ Yes ☐

Gross Building Area: (91,279 GSF)

Floor	Existing Area Unrenovated	Existing Area Renovated	Existing Area Total	New Const. Area	Total Area (New & Exist.)	Project Area
Third Floor	0	0	0	0	0	0
Second Floor	0	0	0	22,386	22,386	22,386
First Floor	0	0	0	68,8930	68,893	68,893
Ground Floor	0	0	0		0	0
Total	0	0	0	91,279	91,279	91,279

ALLOWABLE AREA:

Primary Occupancy:

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 ☐
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-Piled ☐
Parking Garage ☐ Open ☐ Enclosed ☐ Repair Garage ☐
Utility & Miscellaneous ☐

Secondary Occupancy:

☒ 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
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-Piled
☐ Parking Garage ☐ Open ☐ Enclosed ☐ Repair Garage
☐ Utility & Miscellaneous

Incidental Uses - (Table 508.2.5): N/A

- ☐ Furnace room where any piece of equipment is over 400,000 btu / hr input.
- ☐ Rooms with boilers where the largest piece of equipment is over 15psi & 10 HP.
- ☐ Refrigerant machine room.
- ☐ Hydrogen cut-off rooms, not classified as Group H.
- ☐ Incinerator rooms.
- ☐ Paint shops, not classified as Group H, located in occupancies other than Group F.
- ☒ Laboratories and vocational shops, not classified as Group H, located in a Group E or I-2 occupancy.
- ☒ Laundry rooms over 100 square-feet.
- ☐ Group I-3 cells equipped with padded surfaces.
- ☐ Group I-2 waste & linen collection rooms.
- ☐ Waste & linen collection rooms over 100 square-feet.
- ☐ Stationary storage battery systems having a liquid electrolyte capacity of more than 50 gallons, or a lithium-ion capacity of 1,00 lbs used for facility stand-by power, emergency power or uninterrupted power supplies.
- ☒ Rooms containing fire pumps.
- ☐ Group I-2 storage rooms over 100 square-feet.
- ☐ Group I-2 commercial kitchens.
- ☐ Group I-2 laundries equal to or less than 100 square-feet.
- ☐ Group I-2 rooms or spaces contain fuel-fired heating equipment.

Special Uses: N/A

☐ 402 ☐ 403 ☐ 404 ☐ 405
☐ 406 ☐ 407 ☐ 408 ☐ 409
☐ 410 ☐ 411 ☐ 412 ☐ 413
☐ 414 ☐ 415 ☐ 416 ☐ 417
☐ 418 ☐ 419 ☐ 420 ☐ 421
☐ 422 ☐ 423 ☐ 424 ☐ 425
☐ 426 ☐ 427

Mixed Occupancy:

No ☐ Yes ☒
Exception: ______________________

Incidental Use Separation (508.2.5)
This separation is not exempt as a non-separated use (see exceptions).
☒
Non-Separated Use (508.3 & 508.3.1)
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. The most restrictive type of construction, so determined, shall apply to the entire building.
☐
Separated Use Occupancy (508.4 & 508.4.1)
See below for area calculations. For each story, 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.
☒

Actual Area of Occupancy A / Allowable Area of Occup. A + Actual Area of Occupancy B / Allowable Area of Occup. B ≤ 1

FLOOR LEVEL	FIRST FLOOR NORTH			SOUTH		
OCCUPANCY	E	A		E		Total (Less than or equal to 1)
A - ACTUAL AREA	23,867	17,826		27,200		
B - ALLOWABLE AREA	68,875	45,125		52,340		
A / B	.37 +	.40<1		.52		

FLOOR LEVEL	SECOND FLOOR					
OCCUPANCY	E					Total (Less than or equal to 1)
A - ACTUAL AREA	22,386					
B - ALLOWABLE AREA	52,486					
A / B	.43					

FLOOR LEVEL	THIRD FLOOR N/A					
OCCUPANCY						Total (Less than or equal to 1)
A - ACTUAL AREA						
B - ALLOWABLE AREA						
A / B						

AREA CALCULATIONS:

Story No.	Description & Use	A Building Area Per Story (Actual)	B Table 503 Area & 406.3.6 (Note 5)	C Area For Frontage Increase (Note 1)	D Area For Sprinkler Increase (Note 2)	E Allowable Area for Unlimited (Note 3)	F Maximum Building Area (Note 4)
	EDUCATION						
NORTH OF FIRE WALL							
1	FIRST FLOOR	41,692.79	14,500	10,875	43,500	N/A	68,875
SOUTH OF FIRE WALL							
2	SECOND FLOOR	22,386.56	14,500	8,986	29,000	N/A	52,486
1	FIRST FLOOR	27,200.53	14,500	8,840	29,000	N/A	52,340
TOTAL SOUTH BLDG		49,587.09					104,826
	TOTAL	91,279.88					173,701

SOUTH BLDG
1. Frontage area increases from Section 506.2 are computed as follows:
   a. Perimeter which fronts a public way or open space having 20 foot minimum width: = 802' (F) SOUTH BLDG
   b. Total Building Perimeter: = 927' (P) SOUTH BLDG
   c. Ratio (F/P): = 1 (F/P)
   d. Minimum Width of Public Way: = 30 (W)
   e. Percent of Frontage Increase: If 100 [F/P-0.25] x W/30
      = .75 % NORTH BLDG
      = .61 % SOUTH BLDG
2. The Sprinkler Increase per Section 506.3 is as follows:
   a. Multi-Story Building Is = 200%
   b. Single-Story Building Is = 300%
3. Unlimited Area applicable under conditions of Sections
   Group B, F, M, S, A-3, & A-4 (507):
   Group A - Motion Picture (507.10):
   Covered Mall Buildings (402.6):
   H-2 Aircraft Paint hangers (507.8): = NA
4. Maximum Building Area = Total number of stories times "E" (506.4)
5. Maximum Area of Open Parking Garages must comply with Table 406.3.5, 406.3.6 or Traffic Control Towers must comply with Table 412.1.2.

ALLOWABLE HEIGHT:

	Allowable from Table 503	Increase for Sprinklers (504.2)	Shown on Plans	Code Reference
Type of Construction	Type IIB		Type IIB	
Height in Feet	55'	75'-0"	35' - 0"	Table 503 & 504
Height in Stories	2 Stories	3 Stories	2 Stories	Table 503 & 504

FIRE PROTECTION REQUIREMENTS:

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (Feet) (601)	RATING REQUIRED	RATING Provided (* With Reduction)	DETAIL AND SHEET NUMBER	DESIGN NUMBER Rated Assembly	Rated Penetration (712)	Rated Joints see Section 078400
Structural Frame including columns, girders, & trusses (601)	0	0	0				
Bearing walls Exterior (601)							
North	≤ 30	0	0		UL U	SEE MEP	SEE MEP
South	≥ 30	0	0		UL U	SEE MEP	SEE MEP
East	≥ 30	0	0		UL U	SEE MEP	SEE MEP
West	≤ 10	0	0		UL U	SEE MEP	SEE MEP
Interior (601)							
Non-bearing walls & Partitions Exterior (601)							
North	≥30	0	0		N/A	N/A	N/A
South	≥30	0	0				
East	≥30	0	0				
West	≥30	0	0				
Interior (601)							
Floor construction including supporting beams & joists (601)	0	0	0				
Roof construction including supporting beams & joists (601)	0	0	0				
Shaft Enclosures EXIT (708)		1	N/A		UL U	SEE MEP	SEE MEP
Shaft Enclosures OTHER (708)		1	N/A		UL U	SEE MEP	SEE MEP
Fire Barriers (707)		N/A	N/A				
Corridor Separation (709.1)		N/A					
Occupancy Separation (508)		1HR			UL U	SEE MEP	SEE MEP
Party/Fire Wall Separation (706)		N/A					
Smoke Barrier (710)		N/A					
Tenant Separation (709.1)		N/A					
Fire Partition (709)		1HR			UL U	SEE MEP	SEE MEP
Smoke Partition (711)		N/A					
Horizontal Assembly (711)		N/A					
Incidental Use Separation		N/A					

NC - Non-Combustible EX - Existing LS - Limit of Passage of Smoke
ST - Smoke Tight N/A - Not Applicable
* Indicates Section Number Permitting Reduction MEP - See Mech, Elec, & Plumb Dwg's

LIFE SAFETY SYSTEM REQUIREMENTS:

Emergency Lighting	No ☐	Yes ☒			
Exit Signs	No ☐	Yes ☒			
Fire Alarm	No ☐	Yes ☒			
Smoke Detection System	No ☐	Yes ☒	Partial ☐		
Panic Hardware	No ☐	Yes ☒			

LIFE SAFETY PLAN REQUIREMENTS:

LIFE SAFETY PLAN - SEE SHEET G101

- ☒ Fire and/or Smoke Rated Wall locations (Chapter 7)
- ☒ Assumed and Real Property Line locations
- ☐ Exterior wall opening area with respect to distance to assumed property lines (705.8)
- ☐ Existing structures within 30' of proposed building
- ☒ Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.1)
- ☒ Occupant loads for each area
- ☒ Exit access travel distance (1016)
- ☒ Common path of travel distances (1014.3 & 1028.8)
- ☒ Dead end lengths (1018.4)
- ☒ Clear exit widths for each exit door
- ☒ Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.1)
- ☒ 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 (1008.1.10)
- ☐ Location of doors with delayed egress locks and the amount of delay (1008.1.9.7)
- ☒ Location of doors with electromagnetic egress locks (1008.1.9.8)
- ☒ Location of doors with hold-open devices
- ☐ Location of emergency escape windows (1029)
- ☐ The square footage of each fire area (902)
- ☐ The square footage of each smoke compartment (407.4)
- ☐ Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS: (SECTION 1107) N/A

Total Units	Accessible Units Required	Accessible Units Provided	Type A Units Required	Type A Units Provided	Total B Units Required	Type B Units Provided	Total Accessible Units Provided

ACCESSIBLE PARKING: (SECTION 1106)

SEE CIVIL DWGS.

Lot or Parking Area	Total # of Parking Spaces Required	Total # of Parking Spaces Provided	# of Accessible Parking Spaces Provided: Regular w/ 5' Access Aisle	Van Spaces With 12' Access Aisle	Van Spaces With 8' Access Aisle	Total # Accessible Provided
Lot	99	133	127	N/A	N/A	6
Total	99	133	127	N/A	N/A	6

STRUCTURAL DESIGN:

DESIGN LOADS:
Importance Factors:
Wind: Iw = 1.15
Snow: Iw = 1.1
Seismic: Iw = 1.25

Live Loads:
Roof: 20 psf
Attic: N/A
Mezzanine: N/A
Floor: CLASSROOMS / LABS: 40 psf
LOBBIES: 100 psf
CORRIDORS, FIRST FLOOR: 100 psf
UPPER CORRIDORS 80 psf
OFFICE: 50 psf
RESTROOMS: 60 psf
STAIRS: 100 psf
STAGE: 125 psf
LIGHT STORAGE: 120 psf
MECH. / ELEC. / STORAGE 150 psf

Ground Snow: 10 psf

Wind Load: Basic Wind Speed 131 mph
Exposure Category C
Wind Based Shears (for MWFRS)
Vx = SEE STRUCTURAL DWGS Vy = SEE STRUCTURAL DWGS

Seismic Design Category: A ☐ B ☐ C ☒ D ☐
Provide the following Seismic Design Parameters:

Occupancy Category (Table 1604.5)
I ☐ II ☐ III ☒ IV ☐

Spectral Response Acceleration:
Ss = 32.3 %g Ss = 10.4 % g
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 = SEE STRUCTURAL DWGS Vy = SEE STRUCTURAL DWGS
Analysis Procedure: ☐ Simplified ☒ Equivalent Lateral Force ☐ Dynamic
Architectural, Mechanical Components Anchored: ☐ No Yes ☒

Lateral Design Control: ☒ Earthquake ☒ Wind (varies - see structural drawings)

Soil Bearing Capacity: N/A
Field Test (provide Copy of test report): 2000 psf
Presumptive Bearing Capacity: N/A
Pile size, type & capacity: N/A

SPECIAL INSPECTIONS REQUIRED: ☐ No Yes ☒

SPECIAL APPROVALS:

(Local jurisdiction, Department of insurance, OSC, DHHS, ICC, etc., describe below)
SEE STRUCTURAL DRAWING S002 FOR LIST OF SPECIAL INSPECTIONS

SCHEDULE OF SPECIAL INSPECTIONS
☒ No special inspections required for this project ☒ Special inspections required

The following sheets comprise the required schedule of Special Inspections for this project. The construction divisions which require special inspections for this project are as follows:

☒ IT-1 Verification of Soils	☒ IT-10 Inspection of Structural Steel Fabricators
☒ IT-2 Excavation and Fill	☒ IT-11 Structural Masonry
☒ IT-3 Piling and Drilling Piers	☒ IT-12 Welding
☐ IT-4 Modular Retaining Walls	☒ IT-13 High Strength Bolts & Steel Framing Insp.
☒ IT-5 Reinforced Concrete	☒ IT-14 Sprayed Fire-Resistance Materials
☐ IT-6 Post Tension Slab	☐ IT-15 Exterior Insulation and Finish system
☐ IT-7 Pre-cast Concrete Erection	☒ IT-16 Seismic Resistance
☐ IT-8 Pre-stressed Concrete	☐ IT-17 Smoke Control
☐ IT-9 Inspection of Pre-Cast Fabricators	☐ IT-18 Wood
	☐ IT-19 Special Cases

Check the above boxes for the special inspection required for this project and list below specific special inspections required under Chapter 17. For questions regarding Special Inspections please see www.Meck-SI.com.

EXIT REQUIREMENTS:

Floor, Room, or Space Designation	Minimum # of Exits - Required	Shown on Plans	Travel Distance: Allowable Travel Distance (Table 1016.1)	Actual Travel Distance Shown on Plans	Arrangement Means of Egress (Section 1015.2) See notes 1 & 3: Required Distance Between Exit Doors	Actual Distance Shown on Plans
SECOND FLOOR	3	3	250'	226'	95'-0"	170'-0"
FIRST FLOOR / NORTH	3	6	250'	174'	100'-0"	116'-0"
FIRST FLOOR / SOUTH	3	6	250'	196'	91'-4"	131'-0"

Notes:
1. Corridor Dead Ends (Section 1018.4)
2. Buildings with Single Exits (1021.2)
3. Common Path of Travel (Section 1014.3)

EXIT WIDTH:

Use Group or Space Description / Occupancy Type	(a) Area (sf) See note 1	(b) Area per Occupant (Table 1004.1.1) See note 1	Occupant Load a / b	(c) Egress Width per Occupant (Table 1005.1) Stair	(c) Level	Exit Width (in.) See notes 2, 3, 4, 5, & 6: Required Width (Section 1005.1) (a / b) x c Stair	Required Level	Actual Width Shown on Plans Stair	Actual Level
1ST CLASS RM / --	15,528	20	777	0.3	0.2	-	156	-	640
2ND CLASS RM / --	12,587	20	630	0.3	0.2	189	126	198	160
ADMIN. / --	5,294	100	53	0.3	0.2	-	11	-	96
GYM / A-4	8,864	07	1,265	0.3	0.2	-	253	-	340
DINING / A-2	3,750	15	251	0.3	0.2	-	51	-	136
MEDIA CENTER / --	4,139	50	283	0.3	0.2	-	17	-	136
TOTAL	-		3,059	0.3	0.2	189	614	198	1,508

Notes:
1. See Table 1004.1.1 to determine whether Net or Gross area is applicable. See definition "Area Gross" and "Area Net" (Section 1002).
2. Minimum Stairway width (Section 1005.1, 1009.1); Minimum Corridor Width (Section 1018.2); Minimum Door Width (Section 1008.1).
3. Minimum Width of Exit Passageway (Section 1023.2)
4. See Section 1004.5 for converging exits.
5. The loss of one means of egress shall not reduce the available capacity to less than 50 percent of the total required (Section 1005.1).

PLUMBING REQUIREMENTS:

Use		Waterclosets Male	Waterclosets Female	Urinals	Lavatories Male	Lavatories Female	Showers / Tubs	Drinking Fountains Regular	Drinking Fountains Accessible
CLASS ROOM	New	17	18	1	12	13	N/A	5	5
	Reqrd.	14	14	0	6	6	N/A	5	5
STAFF	New	2	2	0	2	2	0	0	0
	Reqrd.	1	2	0	1	1	0	0	0

ENERGY SUMMARY: N/A

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.

Climate Zone: ☒ 3 ☐ 4 ☐ 5

Method of Compliance: ☒ Prescriptive (Energy Code)
☐ Performance (Energy Code)
☐ Prescriptive (ASHREA 90.1)
☐ Performance (ASHREA 90.1)

THERMAL ENVELOPE:

ROOF / CEILING ASSEMBLY

No.	Description	Total U-Value	Insulation R-Value	Skylights Total U-Value	Skylights Total Area
	METAL ROOFING OVER 3" RIGID INSULATION ON METAL DECK.			N/A	N/A

EXTERIOR WALL ASSEMBLY

No.	Description	Total U-Value	Insulation R-Value	Openings - Windows or Doors w/ Glazing: U Value	Shading Coeffic.	Perform Factor	Low E Req.	Door R-Value
1	4" BRICK, 2 3/8" AIR SPACE, 2" RIGID INSUL. ON 12" CONCRETE MASONRY BLOCK	.08	12.97	.55	.81			1.20
2	4" BRICK, 1 7/8" AIR SPACE, 2" RIGID INSUL., 1/2" GYP SHEATHING ON 6" METAL STUD WITH BATT INSULATION WITH 5/8" GYP	.03	30.47	.55	.81			1.20

WALL ASSEMBLIES BELOW GRADE N/A

No.	Description	Total U-Value	Insulation R-Value
	-		

FLOOR ASSEMBLIES OVER UNCONDITIONED SPACE N/A

No.	Description	Total U-Value	Insulation R-Value
	-		

FLOOR SLAB ASSEMBLIES ON GRADE

No.	Description	Total U-Value	Insulation R-Value
	4" SLAB ON GRADE	.89	1.12

ELECTRIC SYSTEMS & EQUIPMENT:

SEE SHEET E001 FOR ELECTRICAL SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS & EQUIPMENT:

SEE SHEET M001 FOR MECHANICAL SUMMARY

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS. USE "INDICATED" DIMENSIONS ONLY. VERIFY ALL DIMENSIONS PRIOR TO START OF WORK. IN THE EVENT OF DISCREPANCY, NOTIFY THE ARCHITECT AND OBTAIN RESOLUTION BEFORE PROCEEDING.
2. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE TO NOTIFY THE ARCHITECT WILL NOT RELIEVE THE PROCEEDING OF THE RESPONSIBILITY TO PERFORM THE WORK AS INTENDED BY THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WORK ARISING FROM SUCH A FAILURE TO COORDINATE DISCREPANCIES TO THE SATISFACTION OF THE OWNER / ARCHITECT.
3. PROTECT AND PRESERVE ALL EXISTING ITEMS TO REMAIN AND REPAIR OR REPLACE ANY ITEMS DAMAGED DURING THE COURSE OF THE WORK TO THE SATISFACTION AND APPROVAL OF THE ARCHITECT / OWNER, WITHOUT ADDITIONAL COST TO THE OWNER.

ARCHITECT
ksqdesign
NEW YORK OKLAHOMA NORTH CAROLINA
TEXAS COLORADO SOUTH CAROLINA

KSQ Design
1930 CAMDEN ROAD, SUITE 260
CHARLOTTE, NC 28203
704.364.3400 office
704.364.7080 fax
www.ksq.design

Owner
BRUNSWICK COUNTY SCHOOLS
199 SESSIONS DRIVE
BOLIVIA, NC 28422
910.253.2900 office
www.bcswan.net

Civil Engineer
McGILL ASSOCIATES
712 VILLAGE ROAD SW, SUITE 103
SHALLOTTE, NC 28470
910.755.5872 office
www.mcgillengineer.com

Structural Engineer
CRISER, TROUTMAN, TANNER
3809 PEACHTREE AVE., SUITE 102
WILMINGTON, NC 28403
910.397.2971 office
www.cttengineering.com

MEP Engineer
KSQ DESIGN
1930 CAMDEN ROAD, SUITE 260
CHARLOTTE, NC 28203
704.364.3400 office
www.ksq.design

Electrical Consultant
QUALITY CONSULTING ENGINEERS, PLLC
6277-600 CAROLINA COMMONS DRIVE,
#350 INDIAN LAND SC 29707
803.207.5450 office
djones@qualityconsultingengineers.com

Acoustic & Technology Consultant
THORBURN ASSOCIATES
401 N. TYRON STREET, 10TH FLOOR
CHARLOTTE, NC 28202
510.886.7826 office
www.TA-Inc.com

Building Envelope Consultant
SKA ENGINEERING
7741 MARKET STREET, SUITE F
WILMINGTON, NC 28411-9444
910.442.2000 office
www.skaeng.com

Food Service Consultant
HERBIN DESIGN
7325 DORN CIRCLE
CHARLOTTE, NC 28212-6914
704.900.0922
www.herbin.com

KSQ ARCHITECTS, PC Registered Architectural Corporation 51784 North Carolina TULSA, OK

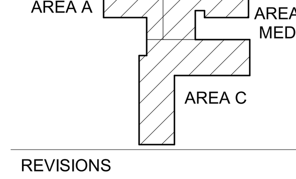
NORTH CAROLINA REGISTERED ARCHITECT No. 2996 DOUGLAS Q. BURNS

BRUNSWICK COUNTY SCHOOLS A Community of Learners

TOWN CREEK MIDDLE SCHOOL

6370 LAKE PARK DRIVE SE
WINNABOW, NC 28479

KEY PLAN



REVISIONS

No.	Description	Date
1	Addendum #1	6-7-2018
2	Addendum #2	6-19-2018

ISSUED: CONSTRUCTION DOCUMENTS
DATE: 05/24/2018
SCALE:
SHEET NAME: BUILDING CODE ANALYSIS
SHEET NUMBER: G-021

COPYRIGHT © 2017 KSQ ARCHITECTS, PC

DRAWN BY: Author
CHECKED BY: Checker
\dharbour\Documents\1720601_BCS_TCMS_Arch_r17_dharbour.rvt
6/18/2018 10:53:42 AM