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: BR+A
Address: 300 W Summit Ave. Suite 310, Charlotte, North Carolina Zip Code 28203
Owner/Authorized Agent: Mark D. Mucci, AIA Phone # 704.373.3101 E-Mail mark.mucci@novusa.com
Owned By: ☐ City/County ■ Private ☐ State
Code Enforcement Jurisdiction: ☐ City ______ ■ County Mecklenburg ☐ State

CONTACT:

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #	E-MAIL
Architectural	NOVUS Architects	Mark D. Mucci	7008	704-373-3101	mark.mucci@novusa.com
Civil					
Electrical	Barrett Woodyard & Assoc.	Harrison Ward	46888	704-357-9333	HWard@BarrettWoodyard.com
Fire Alarm	Barrett Woodyard & Assoc.	Brad Rabinowitz	26791	704-357-9333	BRabinowitz@BarrettWoodyard.com
Plumbing	Barrett Woodyard & Assoc.	Brad Rabinowitz	26791	704-357-9333	BRabinowitz@BarrettWoodyard.com
Mechanical	Barrett Woodyard & Assoc.	Brad Rabinowitz	26791	704-357-9333	BRabinowitz@BarrettWoodyard.com
Sprinkler-Standpipe	Barrett Woodyard & Assoc.	Brad Rabinowitz	26791	704-357-9333	BRabinowitz@BarrettWoodyard.com
Structural					
Retaining Walls >5' High					
Interior Design	Carrie Frye Interior Design, LLC	Carrie Frye			cfrye@cfidstudio.com

2018 NC BUILDING CODE: ☐ New Building ☐ Addition ☐ Renovation
■ 1st Time Interior Completion
☐ Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements
☐ Phased Construction - Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements

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

CONSTRUCTED: (date) 2019 CURRENT OCCUPANCY(S) (Ch. 3) N/A
RENOVATED: (date) ______ PROPOSED OCCUPANCY(S) (Ch. 3) BUSINESS

OCCUPANCY CATEGORY (Table 1604.5): Current: ☐ I ☐ II ☐ III ☐ IV
Proposed: ☐ I ■ II ☐ III ☐ IV

BASIC BUILDING DATA
Construction Type: ☐ I-A ☐ II-A ☐ III-A ☐ IV ☐ V-A
(check all that apply) ☐ I-B ■ II-B ☐ III-B ☐ V-B
Sprinklers: ☐ No ☐ Partial ■ Yes ■ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
Standpipes: ☐ No ■ Yes Class ■ I ☐ II ☐ III ☐ Wet ■ Dry
Fire District: ■ No ☐ Yes Flood Hazard Area: ■ No ☐ Yes
Special Inspections Required: ■ No ☐ Yes (Contact the local inspection jurisdiction for additional procedures and requirements.)

Gross Building Area Table

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	RENO/UPFIT
Roof Patio	2,341		
3rd Floor	25,558		5,514
2nd Floor	25,558		
Ground Floor	24,554		
2nd Level Garage	30,743		
3rd Level Garage	30,746		
TOTAL	139,497		5,514

ALLOWABLE AREA

Primary Occupancy Classification(s): Select one
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 Condition ☐ 1 ☐ 2
☐ I-2 Condition ☐ 1 ☐ 2
☐ I-3 Condition ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
☐ I-4
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 and Miscellaneous ☐
Accessory Occupancy Classification(s): Parking
Incidental Uses (Table 509): N/A
Special Uses (Chapter 4 – List Code Sections): N/A
Special Provisions: (Chapter 5 – List Code Sections): N/A
Mixed Occupancy: ■ No ☐ Yes Separation: ____ Hr. Exception: ________

☐ Non-Separated Use (508.3) - The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.

☐ 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.

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

________ + ________ + …… = ____ ≤ 1.00

STORY NO.	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]
	EXISTING TO REMAIN				

[1] Frontage area increases from Section 506.2 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 I_f = 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. The maximum area of air traffic control towers must comply with Table 412.3.1.
[5] Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	55	42	
Building Height in Stories (Table 504.4)	4	3	

Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

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							
Bearing Walls							
Exterior							
North		0 HR	0 HR				
East		0 HR	0 HR				
West		0 HR	0 HR				
South		0 HR	0 HR				
Interior		0 HR	0 HR				
Nonbearing Walls and Partitions							
Exterior walls							
North	>10'	0 HR	0 HR				
East	>10'	0 HR	0 HR				
West	>30'	0 HR	0 HR				
South	>30'	0 HR	0 HR				
Interior walls and partitions		0 HR	0 HR				
Floor Construction Including supporting beams and joists		0 HR	2 HR		N708 X854		
Floor Ceiling Assembly							
Columns Supporting Floors							
Roof Construction, including supporting beams and joists		0 HR	0 HR				
Roof Ceiling Assembly							
Columns Supporting Roof							
Shaft Enclosures - Exit		2 HR	2 HR				
Shaft Enclosures Other		1 HR	1 HR		U415		
Corridor Separation		0 HR	0 HR				
Occupancy / Fire Barrier Separation		N/A	N/A				
Party/Fire Wall Separation		N/A	N/A				
Smoke Barrier Separation		N/A	N/A				
Smoke Partition		N/A	N/A				
Tenant/Dwelling Unit/ Sleeping Unit Separation		N/A	N/A				
Incidental Use Separation		N/A	N/A				

EXISTING TO REMAIN

* Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
	EXISTING TO REMAIN		

LIFE SAFETY SYSTEM REQUIREMENTS
Emergency Lighting: ☐ No ■ Yes
Exit Signs: ☐ No ■ Yes
Fire Alarm: ☐ No ■ Yes
Smoke Detection Systems: ☐ No ■ Yes ☐ Partial ______
Panic Hardware: ☐ No ■ Yes

LIFE SAFETY PLAN REQUIREMENTS
Life Safety Plan Sheet #: A0.01
☐ 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 calculation (Table 1004.1.2)
■ Occupant loads for each area
■ Exit access travel distances (1017)
■ Common path of travel distances (Tables 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

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
		EXISTING TO REMAIN				
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
SPACE	EXIST'G										
	NEW			EXISTING TO REMAIN							
	REQ'D										

SPECIAL APPROVALS
Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

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: ☐ 3A ☐ 4A ☐ 5A
Method of Compliance: Energy Code ☐ Performance ☐ Prescriptive
ASHRAE 90.1 ☐ Performance ☐ Prescriptive
(If "Other" specify source here) ________

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 skylight ________
total square footage of skylights in each assembly ________

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 ________

EXISTING TO REMAIN - NO CHANGE TO BUILDING ENVELOPE

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
STRUCTURAL DESIGN
(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)

DESIGN LOADS:
Importance Factors: Snow (I_s) ______ Seismic (I_E) ______
Live Loads: Roof ______ psf; Mezzanine ______ psf; Floor ______ psf
Ground Snow Load: ______ psf
Wind Load: Basic Wind Speed ______ mph (ASCE-7); Exposure Category ______

EXISTING TO REMAIN - NO CHANGE TO BUILDING ENVELOPE

SEISMIC DESIGN CATEGORY: ☐ A ☐ B ☐ C ☐ D
Provide the following Seismic Design Parameters:
Risk Category (Table 1604.5) ☐ I ☐ II ☐ III ☐ IV
Spectral Response Acceleration S_s ______ %g S_1 ______ %g
Site Classification (ASCE 7) ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F
Data Source: ☐ Field Test ☐ Presumptive ☐ Historical Data
Basic structural system ☐ Bearing Wall ☐ Dual w/Special Moment Frame
☐ Building Frame ☐ Dual w/Intermediate R/C or Special Steel
☐ Moment Frame ☐ Inverted Pendulum
Analysis Procedure: ☐ Simplified ☐ Equivalent Lateral Force ☐ Dynamic
Architectural, Mechanical, Components anchored? ☐ Yes ☐ No

LATERAL DESIGN CONTROL: Earthquake ☐ Wind ☐

SOIL BEARING CAPACITIES:
Field Test (provide copy of test report) ______ psf
Presumptive Bearing capacity ______ psf
Pile size, type, and capacity ______

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
MECHANICAL DESIGN
(PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

MECHANICAL SUMMARY
MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone
winter dry bulb ______
summer dry bulb ______

Interior design conditions
winter dry bulb ______
summer dry bulb ______
relative humidity ______

Building heating load: ______
Building cooling load: ______

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

List equipment efficiencies ______

EXISTING TO REMAIN

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
ELECTRICAL DESIGN
(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

ELECTRICAL SUMMARY
ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance: Energy Code ☐ Performance ☐ Prescriptive
ASHRAE 90.1 ☐ Performance ☐ Prescriptive

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

SEE ELECTRICAL DRAWINGS

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

GENERAL NOTES
1. ALL CONSTRUCTION TO MEET REQUIREMENTS OF NORTH CAROLINA STATE BUILDING CODE LISTED IN APPENDIX B.
2. PRIOR TO PROJECT COMMENCEMENT, PROVIDE TO LANDLORD AND/OR TENANT AND/OR OWNER'S SATISFACTION:
   a. APPROVED ACCESS FOR CONSTRUCTION PERSONNEL, EQUIPMENT AND MATERIALS PRIOR TO CONSTRUCTION
   b. APPROVED MEANS AND PATH FOR REMOVAL AND DISPOSAL OF DEBRIS OR MATERIAL FROM PROJECT SITE
   c. APPROVED,SECURE LOCATION (S) FOR NEW MATERIAL, MATERIAL REMOVED DURING DEMOLITION FOR REUSE IN NEW CONSTRUCTION AND MATERIAL TO BE RETURNED TO BUILDING STOCK
   d. A VERIFIED LIST OF EXISTING MATERIAL QUALIFIED FOR REUSE IN NEW CONSTRUCTION OR RETURN TO BUILDING STOCK
   e. AN AGREED UPON LEVEL OF QUALITY OF CONSTRUCTION AND CRAFTSMANSHIP FOR THE PROJECT
   f. AN APPROVED SCHEDULE INCLUDING POSSIBLE OVERTIME FOR PROJECT WORK THAT MAY CAUSE DISTURBANCE TO TENANTS, MANAGEMENT OR PUBLIC OCCUPANTS
   g. PROJECT MATERIAL LIST FOR NEW CONSTRUCTION TO COMPLY WITH BUILDING STANDARD SPECIFICATIONS
   h. LISTING OF REQUIRED SIGNAGE, COMPLIANT WITH MUNICIPAL CODES, ACCESSIBILITY GUIDELINES AND OWNER'S APPROVED PROPERTY STANDARDS SPECIFICATIONS
3. CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION BEGINNING. CONTRACTOR SHALL REVIEW ALL DOCUMENTS AND VERIFY ALL DIMENSIONED FIELD CONDITIONS AND SHALL CONFIRM THAT WORK IS BUILDABLE AS SHOWN. ANY CONFLICTS OR OMISSIONS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT FOR CLARIFICATIONS PRIOR TO THE PERFORMANCE OF ANY WORK.
4. CONSTRUCTION DOCUMENTS HAVE BEEN DEVELOPED TO ACHIEVE GENERAL COMPLIANCE WITH CURRENTLY APPLIED ACCESSIBILITY GUIDELINES. ARCHITECT, DESIGNER, AND THE RETAINED CONSULTANTS ASSUME NO LIABILITY REGARDING DECISIONS OR AGREEMENTS, IMPLY ANY WARRANTY OR GUARANTEE REGARDING CHANGES IN, OR DIFFERING INTERPRETATIONS OF EXISTING ACCESSIBILITY GUIDELINES AS THEY APPLY TO THESE DOCUMENTS.
5. GENERAL CONTRACTOR TO PROVIDE CONSTRUCTION SCHEDULE & SCHEDULE OF SUBMITTALS TO ARCHITECT FOR REVIEW PRIOR TO PROJECT COMMENCEMENT.
6. ALL TRADES SHALL REVIEW ALL SHEETS IN CONSTRUCTION DOCUMENT SET FOR COORDINATION & BIDDING PURPOSES.
7. THE GENERAL CONTRACTOR SHALL PROVIDE WRITTEN NOTICE FOR CLAIMS OF ADDITIONAL COST DUE TO REVISIONS TO THE CONSTRUCTION DOCUMENTS IN A TIMELY MANNER TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO EXECUTING THE WORK.
8. CONTRACTOR ASSUMES RESPONSIBILITY FOR ANY EXPENSE INCURRED (INCLUDING CONSTRUCTION SCHEDULE ISSUES), DUE TO NON DISCLOSURE OF DISCOVERED DISCREPANCIES OR CONFLICTS WITHIN CONSTRUCTION DOCUMENTS OR RELATED TO ACTUAL CONDITIONS IN A TIMELY MANNER.
9. A QUALIFIED SUPERINTENDENT SHALL SUPERVISE THE PROJECT SITE, REVIEW AND UNDERSTAND THE CONSTRUCTION DOCUMENTS, COORDINATE AND ATTEND MUNICIPAL INSPECTIONS, COORDINATE WORK BETWEEN TRADES AND MAINTAIN QUALITY OF MATERIAL AND CRAFTSMANSHIP.
10. CONTRACTOR SHALL PROVIDE PROTECTION, BONDING AND INSURANCE FOR THE DURATION OF PROJECT ACCEPTABLE TO THE OWNER.
11. CONTRACTOR PERSONNEL SHALL PROVIDE APPROPRIATE CERTIFICATION AND LICENSING FOR PROJECT LOCATION AND THEIR APPLICABLE SCOPE OF WORK.
12. CONTRACTOR SHALL PROVIDE QUALITY MATERIAL, INTEGRAL ASSEMBLIES, AND QUALIFIED LABOR TO CONSTRUCT AND COMPLETE THE WORK AS SCHEDULED.
13. CONTRACTOR ASSUMES RESPONSIBILITY FOR ANY EXPENSE INCURRED (INCLUDING CONSTRUCTION SCHEDULE ISSUES) DUE TO CONSTRUCTION PERSONNEL SCALING PLANS FOR DIMENSIONAL INFORMATION AS IT PERTAINS TO THEIR WORK.
14. NEW OR REUSED EQUIPMENT AND ASSEMBLIES SHALL BE VERIFIED TO PROVIDE CURRENT YEAR COMPLIANCE.
15. CONTRACTOR SHALL SECURE PROJECT AREA RESTRICTING UNAUTHORIZED ACCESS AND SUFFICIENTLY ENCLOSE TO CONTAIN DIRT, DUST, DEBRIS, AND NOISE.
16. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION OBTAIN CLARIFICATION FROM ARCHITECT.
17. ALIGNMENT INDICATION SHALL BE FINISHED SURFACE TO FINISHED SURFACE.
18. WHERE SPECIFIED MATERIAL, EQUIPMENT OR SPECIALTY ITEMS REQUIRE EXCESSIVE TIME THAT MAY CAUSE DELAY TO CONSTRUCTION SCHEDULE, CONTRACTOR SHALL NOTIFY ARCHITECT. ARCHITECT WILL ADVISE IF ALTERNATES WILL BE ACCEPTED.
19. PARTITION ANGLES ARE PARALLEL, PERPENDICULAR OR 45 DEGREE ANGLES TO BUILDING PERIMETER UNLESS NOTED OTHERWISE.
20. CENTERLINE DIMENSIONS SHALL BE MEASURED FROM CENTERLINE OF ASSEMBLY, FIXTURE OR DEVICE.
21. ALL DIMENSIONS MARKED "CLEAR" OR "CLR" SHALL BE MAINTAINED FROM THE FINISHED SURFACES.
22. CENTERLINE INDICATION AT PARTITIONS ABUTTING BUILDING ELEMENTS (MULLIONS, COLUMNS, OR PILASTERS), SHALL ALIGN CENTER OF PARTITION ASSEMBLY WITH CENTER OF ELEMENT.
23. WHERE INDICATED, PROVIDE BATT INSULATION FULL HEIGHT IN PARTITIONS AND AROUND PERIMETER TO TOILET ROOMS, ELECTRICAL AND MECHANICAL ROOMS AND SHAFTS, KITCHENS, AND PLUMBING CHASES AND/OR AS NOTED ON PLANS.
24. CONTRACTOR SHALL COORDINATE AND PROVIDE SOLID FIRE RATED WOOD BLOCKING IN WALLS FOR MOUNTING OF ALL CABINETS, TOILET ACCESSORIES, PROJECTION SCREENS, WHITEBOARDS, TV'S, MAILBOXES, AND OTHER WALL MOUNTED ITEMS.
25. FIRE SAFE ALL PENETRATIONS IN UL RATED PARTITIONS TO MAINTAIN/ACHIEVE LEVEL OF PROTECTION REQUIRED FOR PARTITION TYPE. FIRE SAFE ALONG PERIMETER OF RATED PARTITIONS WHERE VOIDS OCCUR, SUCH AS FLOOR DECKING.
26. ALL HARDWARE TO COMPY WITH ICC/ANSI A117.1 AMERICAN NATIONAL STANDARD, ACCESSIBLE USEABLE BUILDINGS AND FACILITIES.
27. WHERE NEW PARTITION ALIGNS WITH FACE OF AN EXISTING FURRED COLUMN OR PARTITION, REMOVE CORNER BEAD, TAPE AND SPACKLE NEW PARTITION TO EXISTING GYPSUM BOARD FOR A SMOOTH TRANSITION.
28. CONTRACTOR SHALL COORDINATE WITH TENANT THE SCHEDULE FOR ALL TENANT CONSULTANTS.
29. IF DAMAGE OCCURS TO BLINDS DURING CONSTRUCTION, THE GENERAL CONTRACTOR SHALL PROVIDE NEW BLINDS OR REPAIR TO EXISTING CONDITION.
30. REFERENCE FINISH SCHEDULE AND/OR FLOOR PLANS FOR LOCATION/EXTENT OF FINISH MATERIALS WHERE DIFFERENT FINISHES ARE INDICATED FOR EITHER SIDE OF A PARTITION.
31. G.C. TO FURNISH AND INSTALL FIRE EXTINGUISHERS PER LIFE SAFETY SHEETS AND IN ACCORDANCE WITH CODE.
32. UPON COMPLETION OF PROJECT CONTRACTOR SHALL:
   a.) MAKE INSPECTIONS
   b.) SUBMIT AN INITIAL CONSTRUCTION REVIEW (PUNCH) LIST TO ARCHITECT AND SCHEDULE FOR ARCHITECT'S CONSTRUCTION REVIEW
   c.) PROVIDE PROJECT RECORD DOCUMENTATION TO OWNER
   d.) PROVIDE EQUIPMENT WARRANTIES, OPERATION MANUALS, AND CLOSEOUT DOCUMENTATION
   e.) SCHEDULE DEMONSTRATIONS OF EQUIPMENT/SYSTEM OPERATION AND SPECIAL MAINTENANCE ITEMS
   f.) FINAL CLEAN
33. ALL NEW MECHANICAL EQUIPMENT TO MEET REQUIREMENTS OF SECTION 16.31 AND 2801 AS APPLICABLE IN THE CURRENT NORTH CAROLINA STATE BUILDING CODE.
34. ALL INTERIOR WALLS SHALL MEET REQUIREMENTS OF THE CURRENT NORTH CAROLINA STATE BUILDING CODE.
35 ALL INTERIOR FINISHES TO MEET REQUIREMENTS OF TABLE 803.9 IN THE CURRENT NORTH CAROLINA STATE BUILDING CODE.
36. ALL CEILINGS SHALL MEET REQUIREMENTS OF THE CURRENT NORTH CAROLINA STATE BUILDING CODE.
37. ELEC/DATA ROOM – NO STORAGE OF BATTERIES WILL BE LEAD ACID BATTERIES IN EXCESS OF 50 GALLONS.

DRAWING SYMBOLS:
- BUILDING SECTION TAG
- SIM — INDICATES SIMILAR SECTION
- OPH — INDICATES OPP. HAND SECTION
- TYP — INDICATES TYPICAL SECTION
- WALL SECTION TAG
- DETAIL NUMBER ON SHEET
- DETAIL TAG
- SHEET NUMBER
- ELEVATION TAG
- DOOR TAG
- WINDOW SYMBOL TAG
- WINDOW TAG
- WALL TYPE
- X'-X" FLOOR TO CEILING HEIGHT (FINISHED FLOOR TO FINISHED CEILING)
- REVISION TRIANGLE
- DATUM LINE BEARING OR FLOOR ELEV.
- CENTERLINE

MATERIALS LEGEND:
- BATT INSULATION
- BRICK
- CONCRETE
- FINISHED WOOD
- GRAVEL
- GYPSUM BOARD OR SHEATHING
- PLYWOOD
- ROUGH WOOD (CONTINUOUS)
- ROUGH WOOD (NON-CONTINUOUS)
- STEEL
- CUT STONE

ABBREVIATIONS:

ACT	ACOUSTICAL CEILING TILE	FRP	FIBER RESIN POLYMER	RAF	RAISED ACCESS FLOOR
AFF	ABOVE FINISHED FLOOR	FRT	FIRE RESISTANT PLYWOOD	REINF.	REINFORCED
ALUM.	ALUMINUM	FHC	FIRE HOSE CABINET	R.D.	ROOF DRAIN
APPROX.	APPROXIMATELY	FEC	FIRE EXTINGUISHER CABINET	R.L.	ROOF LEADER
BD.	BOARD	FD	FLOOR DRAIN	RO	ROUGH OPENING
BRG.	BEARING	FTG	FOOTING	RB	RUBBER BASE
CPT	CARPET	FWC	FABRIC WALLCOVERING	SEAL	SEALED CONCRETE
CI	CAST IRON	GA.	GAUGE	SEAL	SEALED CONCRETE
CB	CEMENT BOARD	GL.	GLASS	SLF	SLIP RESISTANT FLOOR
CLR	CLEAR	GR	GRANITE	SSM	SOLID SURFACE MATERIAL
CT	CERAMIC TILE	GWB	GYPSUM WALL BOARD	SQ	SQUARE
C.O.	CLEAN OUT	HDWD.	HARDWOOD	SS	STAINLESS STEEL
CONC.	CONCRETE	HM	HOLLOW METAL	ST	STAIR TREAD
CMU	CONCRETE MASONRY UNIT	LB.	POUND	STN	STAIN
CONT.	CONTINUOUS	LIN	LINEN	SC	STAINED CONCRETE
CPT	CARPET	MECH.	MECHANICAL	STRUCT.	STRUCTURAL
CT	CERAMIC TILE	MFR'S	MANUFACTURER'S	T	TEMPERED GLASS
CJ	CONTROL JOINT	MO	MASONRY OPENING	TRZ	TERRAZZO
C.MRBL.	CULTURED MARBLE	MW-#	MILLWORK ITEM NUMBER	TG	TRIM GRADE
DIA.	DIAMETER	MRGWB	MOISTURE RESISTANT G.W.B.	TP	TOILET PARTITION
DS	DOWN SPOUT	OC	ON CENTER	T.O.M.	TOP OF MASONRY
DWGS	DRAWINGS	O.H.	OVER HANG	T.O.STL.	TOP OF STEEL
ELEV.	ELEVATION	PCT	PORCELAIN TILE	T.S.	TUBE STEEL
EQ	EQUAL	OPH	OPPOSITE HAND	TYP	TYPICAL DETAIL
EWC	ELECTRIC WATER COOLER	OPP.	OPPOSITE	U.N.O.	UNLESS NOTED OTHERWISE
EXP.	EXPOSED	PLAM.	PLASTIC LAMINATE	VERT.	VERTICAL
EXP. JT.	EXPANSION JOINT	PNT-#	PAINT COLOR	VCB	VINYL COATED ACOUSTICAL CEILING BOARD
EXT.	EXTERIOR	POLY	POLYETHYLENE	VCT	VINYL COMPOSITION TILE
EXT.GWB	EXT. GYPSUM WALL BOARD	PT	PRESSURE TREATED	VWC	VINYL WALLCOVERING
		PTD	PAINTED	WC	WAINSCOT
		Q.T.	QUARRY TILE	WDB	WOOD BASE
				WD	WOOD
				WT	WALL TILE

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CODE SUMMARY
CS.1

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