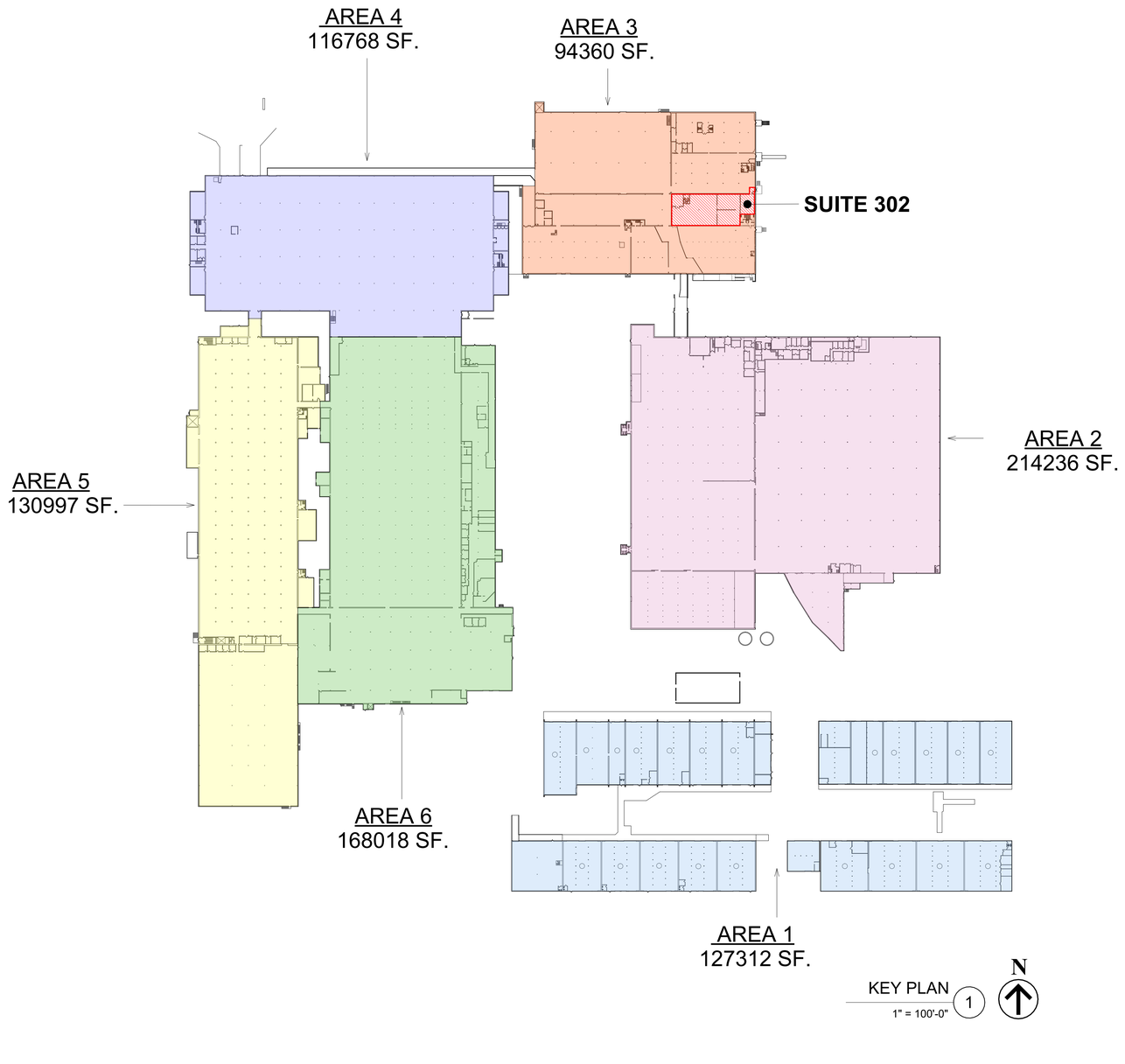
PROJECT

Erwin Mill - Suite 302 - Area 3

200 North 13th St. Suite 302
Erwin, NC



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CONTACTS

OWNER
200 NORTH 13 LLC
E-Mail: sschlesingerw@gmail.com
Phone: 718-637-9568

ARCHITECT
Olive Architecture
436 N. Harrington St. Suite 140
Raleigh, NC 27603
E-Mail: andy@Olive-Arch.com
Phone: (919) 838-9934
Fax: (919) 838-9995

FIRE ALARM
Asheboro Fire and Security

Contact: Darwin Smith
E-Mail: Darwin@
Phone: asheborofireandsecurity.com
Fax: 336-625-8970

F.P ENGINEER
J & D SPRINKLER CO, INC
315 W. Main Street
Clayton, NC 27520
Contact: Bob Weaver
E-Mail: bob@jdsprinkler.com
Phone: 919-553-2356
Fax:

JOB SITE SUPERINTENDENT
1064 Wilkes Rd.
Fayetteville NC. 28306

Contact: Prince Raymond Betts
E-Mail: tbd.
Phone: 919.999.6966
Fax:

Contact:
E-Mail:
Phone:
Fax:

Contact:
E-Mail:
Phone:
Fax:

Contact:
E-Mail:
Phone:
Fax:

VICINITY MAP

NARRATIVE

THE PROJECT IS THE INTERIOR IMPROVEMENTS TO THE EXISTING SUITE 302 IN AREA 3 OF ERWIN MILL.

THE TENANT WILL BE THE FABRICATOR AND DISTRIBUTOR OF GOLF SIMULATORS AND SOME FABRICATION INVOLVING TEXTILE CUTTING AND SEWING WILL BE PERFORMED IN THIS SUITE.

THIS SET OF CONSTRUCTION DOCUMENTS IS FOR THE GENERAL CONSTRUCTION OF NEW PARTITIONS, CEILING AND FINISHES ADDRESSING LIFE SAFETY AND OTHER GENERAL REQUIREMENTS.

FIRE SPRINKLERS ARE BEING ADDED IN A DROPPED CEILING AREA AND SPRINKLER DESIGN DRAWINGS WILL BE SUBMITTED SEPARATELY BY J&D SPRINKLERS.

ELECTRICAL IMPROVEMENTS WILL BE UNDER A SEPARATE PERMIT

OLIVE
ARCHITECTURE
WWW.OLIVE-ARCH.COM
436 N. Harrington St. Ste. 140 p 919.838.9934
Raleigh, NC 27603 f 919.838.9995

OLIVE ARCHITECTURE, PLLC — REGISTERED ARCHITECTURAL COMPANY — 52411 — NORTH CAROLINA — RALEIGH, N.C.

ANDREW O. LAWRENCE — REGISTERED ARCHITECT — 4298 — NORTH CAROLINA — RALEIGH, N.C.

PERMIT SET

Erwin Mill - Suite 302 - Area 3

200 North 13th St. Suite 302
Erwin, NC

issue date:

ISSUE	NAME	DATE
1ST	PERMIT SET	07/25/2024

revisions:

Revision	Date	Description

drawn by: ASL
checked by: AOL
project no: 24-115

COVER SHEET

G000

7/31/2024 10:12:33 AM

CODE SUMMARY

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: Erwin Mill - Suite 302 - Area 3
Address: 200 North 13th St. Suite 302 Erwin, NC Zip Code 28339
Owner/Authorized Agent: Andy Lawrence Phone # (919) 838 - 9934 E-Mail andy@olive-arch.com
Owned By: ☐ City/County ■ Private ☐ State
Code Enforcement Jurisdiction: ☐ City ☐ County Harnett ☐ State

CONTACT: ELECTRICAL, FIRE ALARM, SPRINKLER WILL PULL SEPARATE PERMITS.

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #	E-MAIL
Architectural	Olive Architecture	Andy Lawrence, AIA	4298	(919) 838-9934	andy@olive-arch.com
Civil				( )	
Electrical				( )	
Fire Alarm	Asheboro Fire and Security	Darwin Smith		(336) 625-8970	Darwin@asheborofireandsecurity.com
Plumbing				( )	
Mechanical				( )	
Sprinkler-Standpipe	J & D SPRINKLER CO., INC	Bob Weaver	16269 FS1	(919) 553-2356	bob@jdsprinkler.com
Structural				( )	
Retaining Walls >5' High				( )	
Other				( )	

("Other" should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

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) 1976 **CURRENT OCCUPANCY(S)** (Ch. 3): S1
RENOVATED: (date) 2024 **PROPOSED OCCUPANCY(S)** (Ch. 3): F1

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)	SUB-TOTAL
8th Floor			
7th Floor			
6th Floor			
5th Floor			
4th Floor			
3rd Floor			
2nd Floor			
1st Floor	94,360 SF	N/A	94,360 SF
Basement			
TOTAL			94,360 SF

PROJECT AREA **6,273 HSF**

ALLOWABLE AREA

Primary Occupancy Classification(s): Select one Select one Select one Select one Select one 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):
Incidental Uses (Table 509):
Special Uses (Chapter 4 – List Code Sections):
Special Provisions: (Chapter 5 – List Code Sections):
Mixed Occupancy: ☐ No ☐ Yes Separation: ____ Hr. Exception:

EXISTG ■ 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.

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

_____ + _____ + ... = _____ ≤ 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]
N/A	N/A	N/A	N/A	N/A	N/A

[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 (maximum3 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)	75'-0"	22'-6"	504.3
Building Height in Stories (Table 504.4)	4	1	504.4

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

* 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 (%)

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: ☐ No ■ Yes
Exit Signs: ☐ No ■ Yes
Fire Alarm: ☐ No ■ Yes LIMITED TO FIRE FLOW OF SPRINKLER SYSTEM
Smoke Detection Systems: ■ No ☐ Yes ☐ Partial _____
Panic Hardware: ■ No ☐ Yes

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: G 200 LIFE SAFETY PLAN

■ 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 N/A
(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 N/A
(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			2	0			2	-	-	-
	NEW			0	0			0	-	-	-
	REQ'D			1				1	-	-	-

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: _____

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 _____

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: _____

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 per fixture
number of lamps per 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

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

ELECTRICAL WORK BY OTHERS

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drawn by:

checked by:

project no:
24-115

CODE SUMMARY

G001

7/31/2024 10:12:35 AM

GENERAL NOTES

1. THE CONTRACT DOCUMENTS INCLUDE THE WORKING DRAWINGS, ANY ADDENDA, MODIFICATIONS, THE CONDITIONS OF THE CONSTRUCTION CONTRACT, AND SPECIFICATIONS AS NOTED ON THE DRAWINGS.

2. THE CONTRACT DOCUMENTS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT WHETHER THE PROJECT FOR WHICH THEY ARE PREPARED IS EXECUTED OR NOT. THE CONTRACT DOCUMENTS ARE NOT TO BE USED BY THE OWNER FOR OTHER PROJECTS OR EXTENSIONS TO THE PROJECT NOR ARE THEY TO BE MODIFIED IN ANY MANNER WHATSOEVER EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ARCHITECT.

3. THE WORK WILL CONFORM WITH THE REQUIREMENTS OF ALL AGENCIES HAVING JURISDICTION.

4. 'FURNISH' MEANS SUPPLY ONLY FOR OTHERS TO PUT IN PLACE.

5. 'PROVIDE' MEANS FURNISH AND INSTALL, COMPLETE AND IN PLACE.

6. 'SIMILAR' MEANS COMPATIBLE CHARACTERISTICS FOR CONDITIONS NOTED. CONTRACTOR TO VERIFY DIMENSIONS AND ORIENTATION.

7. 'TYPICAL' MEANS IDENTICAL FOR CONDITIONS NOTED.

8. DO NOT SCALE DRAWINGS, DIMENSIONS GOVERN. VERIFY DIMENSIONS WITH FIELD CONDITIONS. IF DISCREPANCIES ARE DISCOVERED BETWEEN FIELD CONDITIONS AND DRAWINGS OR BETWEEN DRAWINGS, CONTACT ARCHITECT FOR RESOLUTION BEFORE PROCEEDING.

9. HORIZONTAL DIMENSIONS INDICATED ARE TO AND FROM FACE OF STUD/STRUCTURE, EXCEPT AS NOTED.

10. VERTICAL DIMENSIONS ARE FROM TOP OF FLOOR SLAB OR DECK, EXCEPT WHERE NOTED TO BE ABOVE FINISH FLOOR (A.F.F.).

11. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT APPROVAL OF ARCHITECT UNLESS NOTED.

12. ALL WORK SHALL BE ERECTED AND INSTALLED PLUMB, LEVEL, SQUARE, AND TRUE AND IN PROPER ALIGNMENT.

13. COORDINATE AND PROVIDE BLOCKING/BACKING IN PARTITIONS BEHIND ALL WALL-MOUNTED ITEMS.

14. MAKE ALL NECESSARY PROVISIONS FOR ITEMS TO BE FURNISHED OR INSTALLED BY TENANT. PROVIDE PROTECTION FOR THESE PROVISIONS UNTIL COMPLETION OF THE PROJECT. GENERAL CONTRACTOR TO COORDINATE N.I.C. ITEMS WITH APPROPRIATE TRADES.

15. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING CONTRACT DOCUMENTS, FIELD CONDITIONS, AND DIMENSIONS FOR ACCURACY AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. CLARIFICATIONS REGARDING ANY CONFLICTS SHALL BE ACHIEVED BEFORE RELATED WORK IS STARTED.

16. GENERAL CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST IN LOCATIONS OF ANY AND ALL MECHANICAL, TELEPHONE, ELECTRICAL, PLUMBING, AND SPRINKLING EQUIPMENT (TO INCLUDE ALL PIPING, DUCTWORK AND CONDUIT) AND THAT ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE OF ABOVE EQUIPMENT ARE PROVIDED. ELEMENTS TO BE EXPOSED OR CONCEALED SHALL BE DETERMINED AND REVIEWED WITH ARCHITECT IN THE FIELD PRIOR TO CONSTRUCTION PROCEEDING.

17. GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL COORDINATE THE LAYOUT AND EXACT LOCATION OF PARTITIONS, DOORS, ELECTRICAL/TELEPHONE OUTLETS AND LIGHT SWITCHES WITH ARCHITECT IN THE FIELD BEFORE PROCEEDING WITH CONSTRUCTION.

18. GENERAL CONTRACTOR SHALL PROVIDE MANUFACTURER'S SPECIFICATIONS INSTALLATION INSTRUCTIONS, SHOP DRAWINGS AND SAMPLES FOR REVIEW AND APPROVAL OF ALL MATERIALS AND METHODS TO BE USED PRIOR TO TO ORDERING OR PROCEEDING WITH THE WORK.

19. EXERCISE EXTREME CARE AND PRECAUTION DURING CONSTRUCTION OF THE WORK TO MINIMIZE DISTURBANCES TO ADJACENT STRUCTURES AND THEIR OCCUPANTS, PROPERTY, PUBLIC THOROUGHFARES, ETC. CONTRACTOR SHALL TAKE PRECAUTIONS AND BE RESPONSIBLE FOR THE SAFETY OF ALL BUILDING OCCUPANTS FROM CONSTRUCTION PROCEDURES.

20. WITHIN FIVE (5) DAYS FROM CONTRACT DATE, PREPARE AND SUBMIT AN ESTIMATED PROGRESS SCHEDULE FOR THE WORK, WITH SUB SCHEDULES OF RELATED ACTIVITIES SUCH AS DATA/TELEPHONE CABLING AND FURNITURE INSTALLATION.

21. ALL WORK SHALL COMPLY WITH APPLICABLE CODES, AMENDMENTS, RULES, REGULATIONS, ORDINANCES, LAWS, ORDERS, APPROVALS, ETC. THAT ARE REQUIRED BY PUBLIC AUTHORITIES. IN THE EVENT OF CONFLICT, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN. REQUIREMENTS INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO, THE CURRENT APPLICABLE EDITIONS OF PUBLICATIONS OF THE FOLLOWING:
NORTH CAROLINA BUILDING CODE 2018
NATIONAL FIRE PROTECTION ASSOCIATION, AND
AMERICAN NATIONAL STANDARDS INSTITUTE.

22. ABBREVIATIONS USED IN REFERRING TO STANDARDS THAT APPLY TO THE WORK INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:

AMERICAN SOCIETY OF TESTING MATERIALS - ASTM;
AMERICAN INSTITUTE OF STEEL CONSTRUCTION - AISC;
AMERICAN WELDING SOCIETY - AWS;
AMERICAN CONCRETE INSTITUTE - ACI;
AMERICAN NATIONAL STANDARDS INSTITUTE - ANSI;
ARCHITECTURAL ALUMINUM MANUFACTURER'S ASSOCIATION - AAMA;
ALUMINUM ASSOCIATION, INC. - AA;
CONCRETE REINFORCING STEEL INSTITUTE - CRSI;
NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS - NAAMM;
NATIONAL FIRE PROTECTION ASSOCIATION - NFPA;
NATIONAL WOODWORK MANUFACTURER'S ASSOCIATION - NWMA; AND
AMERICAN WOODWORK INSTITUTE - AWI.

23. IN THE EVENT OF CONFLICTS BETWEEN DATA SHOWN ON DRAWINGS AND DATA SHOWN ON THE SPECIFICATIONS, THE SPECIFICATIONS SHALL GOVERN. DIMENSIONS NOTED ON DRAWINGS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. DETAIL DRAWINGS TAKE PRECEDENCE OVER DRAWINGS OF SMALLER SCALE. SHOULD THE CONTRACTOR AT ANY TIME DISCOVER AN ERROR IN A DRAWING OR SPECIFICATION, OR A DISCREPANCY OR VARIATION BETWEEN DIMENSIONS OR DRAWINGS, AND MEASUREMENTS AT SITE, OR LACK OF DIMENSIONS OR OTHER INFORMATION, HE SHALL NOT PROCEED WITH THE AFFECTED WORK UNTIL CLARIFICATION HAS BEEN MADE.

24. ONLY NEW ITEMS OF RECENT MANUFACTURE, OF STANDARD QUALITY, FREE FROM DEFECTS WILL BE PERMITTED ON THE WORK. REJECTED ITEMS SHALL BE REMOVED IMMEDIATELY FROM THE WORK AND BE REPLACED WITH ITEMS OF THE QUALITY SPECIFIED. FAILURE TO REMOVE REJECTED ITEMS AND EQUIPMENT SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY FOR QUALITY AND CHARACTER OF ITEMS USED NOR FROM ANY OTHER OBLIGATION IMPOSED ON HIM BY THE CONTRACT.

25. THE FINISHED WORK SHALL BE FIRM, WELL ANCHORED, IN TRUE ALIGNMENT, PLUMB, LEVEL, WITH SMOOTH, CLEAN, UNIFORM APPEARANCE; WITHOUT WAVES, DISTORTIONS, HOLES, MARKS, CRACKS, STAINS OR DISCOLOR. JOINTS SHALL BE CLOSE FITTING, NEAT AND WELL SCRIBED. THE FINISH WORK SHALL HAVE NO EXPOSED, UNSIGHTLY ANCHORS OR FASTENERS AND SHALL NOT PRESENT HAZARDOUS OR UNSAFE CORNERS. ALL WORK SHALL HAVE THE PROVISIONS FOR EXPANSION, CONTRACTION, AND SHRINKAGE AS NECESSARY TO PREVENT CRACKS, BUCKLING, AND WARPING DUE TO TEMPERATURE AND HUMIDITY CONDITIONS.

26. ATTACHMENTS, CONNECTIONS, OR FASTENERS OF ANY NATURE ARE TO BE PROPERLY AND PERMANENTLY SECURED IN CONFORMANCE WITH BEST PRACTICE AND THE CONTRACTOR IS RESPONSIBLE FOR IMPROVING THEM ACCORDINGLY AND TO THESE CONDITIONS. THE DRAWINGS SHOW ONLY SPECIAL CONDITIONS TO ASSIST CONTRACTOR; THEY DO NOT ILLUSTRATE EVERY SUCH DETAIL.

27. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE DIMENSIONS AND ELEVATIONS AT THE SITE. THE CONTRACTOR AND SUB-CONTRACTORS SHALL COORDINATE THE LAYOUT AND EXACT LOCATIONS OF ALL PARTITIONING, DOORS, ELECTRICAL/TELEPHONE OUTLETS, LIGHT SWITCHES AND THERMOSTATS WITH THE OWNER/AGENT IN THE FIELD BEFORE PROCEEDING WITH CONSTRUCTION.

28. NO WORK DEFECTIVE IN CONSTRUCTION OR QUALITY OR DEFICIENT IN ANY REQUIREMENTS OF DRAWINGS AND SPECIFICATIONS WILL BE ACCEPTABLE IN CONSEQUENCE OF OWNER'S OR ARCHITECT'S FAILURE TO DISCOVER OR TO POINT OUT DEFECTS OR DEFICIENCIES DURING CONSTRUCTION; NOR WILL PRESENCE OF INSPECTORS ON WORK SITE RELIEVE CONTRACTOR FROM RESPONSIBILITY FOR SECURING QUALITY AND PROGRESS OF WORK AS REQUIRED BY CONTRACT. DEFECTIVE WORK REVEALED WITHIN REQUIRED TIME GUARANTEES SHALL BE REPLACED BY WORK CONFORMING WITH INTENT OF CONTRACT. NO PAYMENT, WHETHER PARTIAL OR FINAL, SHALL BE CONSTRUED AS AN ACCEPTANCE OF DEFECTIVE WORK OR IMPROPER MATERIALS.

29. MATERIALS AND WORKMANSHIP SPECIFIED BY REFERENCE TO NUMBER, SYMBOL, TITLE OF SPECIFICATION SUCH AS COMMERCIAL STANDARDS, FEDERAL SPECIFICATIONS, TRADE ASSOCIATION STANDARD OR OTHER SIMILAR STANDARD, SHALL COMPLY WITH REQUIREMENTS IN LATEST EDITION OR REVISION THEREOF AND WITH ANY AMENDMENT OR SUPPLEMENT THERETO IN EFFECT ON DATE OF ORIGIN OF THIS PROJECT'S CONTRACT DOCUMENTS. SUCH STANDARDS, EXCEPT AS MODIFIED HEREIN, SHALL HAVE FULL FORCE EFFECTS AS THOUGH PRINTED IN CONTRACT DOCUMENTS.

30. CONTRACTOR SHALL WAIVE "COMMON PRACTICE" AND "COMMON USAGE" AS CONSTRUCTION CRITERIA WHEREVER DETAILS AND CONTRACT DOCUMENTS OR GOVERNING CODES, ORDINANCES, ETC. REQUIRE GREATER QUANTITY OR BETTER QUALITY THAN COMMON PRACTICE OR COMMON USAGE.

31. CONTRACTOR SHALL ORDER AND SCHEDULE DELIVERY OF MATERIALS IN AMPLE TIME TO AVOID DELAYS IN CONSTRUCTION. IF AN ITEM IS FOUND TO BE UNAVAILABLE, CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY TO ALLOW ARCHITECT A REASONABLE AMOUNT OF TIME TO SELECT A SUITABLE SUBSTITUTION.

32. IF AT ANY TIME BEFORE COMMENCEMENT OF WORK, OR DURING PROGRESS THEREOF, CONTRACTOR'S METHODS, EQUIPMENT, OR APPLIANCES ARE INAPPROPRIATE FOR SECURING QUALITY OF WORK OR RATE OF PROGRESS INTENDED BY CONTRACT DOCUMENTS, OWNER MAY ORDER CONTRACTOR TO IMPROVE THEIR QUALITY OR INCREASE EFFICIENCY. THIS WILL NOT RELIEVE CONTRACTOR OF HIS SURETIES FROM THEIR OBLIGATIONS TO SECURE QUALITY OF WORK AND RATE OF PROGRESS SPECIFIED IN CONTRACT.

33. WITH REFERENCE TO CEILINGS, CONTRACTOR SHALL COORDINATE WITH ALL TRADES INVOLVED TO INSURE THAT CONFLICTS DO NOT OCCUR BETWEEN LIGHT FIXTURES, DUCTWORK, DIFFUSERS, ETC., AND THAT THE CEILING HEIGHTS INDICATED ON DRAWINGS ARE ACHIEVED.

34. REFERENCE TO MAKES, BRANDS, ETC. IS TO ESTABLISH TYPE AND QUALITY DESIRED; SUBSTITUTIONS OF ACCEPTABLE EQUALS WILL BE PERMITTED UNLESS SPECIFICALLY NOTED OTHERWISE WHEN MADE ACCORDING TO PROCEDURES FOR SUBSTITUTIONS.

35. CONTRACTOR SHALL APPLY FOR, PAY FOR, AND OBTAIN ALL REQUIRED PERMITS FOR CONSTRUCTION AND OCCUPANCY.

36. PROVIDE SHOP AND/OR SUBMITTALS FOR THE FOLLOWING ITEMS:

MILLWORK, CASEWORK, AND HARDWARE
FINISH CARPENTRY
GLAZING
FLOOR FINISHES
ACOUSTICAL CEILING TILE AND GRID
WALL FINISHES
ALUMINUM FRAMES
DOORS, DOOR HARDWARE AND
HOLLOW METAL FRAMES
LIGHTING, EXIT SIGNAGE, AND
EMERGENCY DEVICES
ELECTRICAL DEVICES
MECHANICAL EQUIPMENT

37. PRIOR TO SUBMITTING A QUOTATION FOR THIS WORK, THE CONTRACTOR SHALL REVIEW THESE DRAWINGS AND SPECIFICATIONS AND SHALL VISIT THE SITE TO FAMILIARIZE HIMSELF (THEMSELVES) WITH EXISTING CONDITIONS AND LIMITATIONS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES.

38. WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH APPLICABLE FIRE, HEALTH, SAFETY AND BUILDING CODES OF THE LOCAL AND STATE IN WHICH THE PREMISES ARE SITUATED. WORKING CONDITIONS TO COMPLY WITH FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT GUIDELINES. CONTRACTORS SHALL REMOVE OR REPAIR ALL CONDITIONS NOT IN ACCORDANCE WITH STATE AND LOCAL CODES.

39. ALL WORK SHALL BE FREE OF DEFECTS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION. ALL SUCH DEFECTS SHALL BE CORRECTED BY THIS CONTRACTOR(S) AT NO EXPENSE TO THE OWNER.

40. THE CONTRACTOR SHALL PROVIDE ALL LABOR, GOODS AND SERVICES REQUIRED TO COMPLETE THE WORK IN GOOD ORDER AND ON TIME, IN ACCORDANCE WITH THE CONSTRUCTION SCHEDULE SUBMITTED BEFORE COMMENCING WORK.

41. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DEBRIS REMOVAL. DO NOT ALLOW DEBRIS TO ACCUMULATE. PROVIDE ADEQUATE DUST AND NOISE BARRIERS. ALL AREAS SHALL BE LEFT BROOM CLEAN DAILY. WASH AND CLEAN ALL WORK AFFECTED BY CONSTRUCTION AT COMPLETION OF PROJECT. PROVIDE WEATHER BARRIERS AS REQUIRED. ALL COMPLETED OR ADJACENT WORK SHALL BE PROTECTED, ALL RUBBISH AND DEBRIS REMOVED ON A DAILY BASIS, AND THE PREMISES DELIVERED TO THE LANDLORD, READY FOR TENANT. CLEAN ALL EXPOSED SURFACES, INCLUDING GLAZING. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRASH REMOVAL. COORDINATE WITH LANDLORD FOR SOURCE OF WATER DURING CONSTRUCTION.

42. CONTRACTOR SHALL BE RESPONSIBLE FOR KEYING ALL REQUIRED LOCK SETS AND COORDINATING WITH OWNER TO ENSURE THAT CYLINDERS ARE KEYED TO BUILDING MASTER KEY SYSTEM AND THAT SUFFICIENT NUMBER OF KEYS ARE SUPPLIED AT TIME OF SUBSTANTIAL COMPLETION.

43. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE FIRE EXTINGUISHERS IN HIS WORK SPACE TO COMPLY WITH ALL FIRE REGULATIONS THROUGHOUT THE DURATION OF CONSTRUCTION. CONTRACTORS SHALL COMPLY WITH ALL FEDERAL AND LOCAL SAFETY REGULATIONS IN THE EXECUTION OF THEIR WORK.

44. THESE DRAWINGS ARE TO BE USED FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN AND MAY NOT BE USED ON ANY OTHER PROJECT.

45. ALL SURPLUS MATERIAL IS THE PROPERTY OF THE OWNER AND SHALL BE LABELED AND TURNED OVER TO MANAGEMENT.

46. FIELD INVESTIGATIONS SHALL BE MADE TO THE EXTENT NECESSARY TO INSURE NO BUILDING OR ADJACENT TENANT SERVICES ARE DISTURBED OR INTERRUPTED WITHOUT PRIOR PERMISSION OF THE OWNER.

47. ALL DRAWINGS INCLUDED IN THIS SET OF CONSTRUCTION DOCUMENTS SHALL BE CONSIDERED PART OF THE CONTRACT DOCUMENTS. ALL WORK INDICATED ON ALL SHEETS IS TO BE PERFORMED EVEN IF INDICATED ON ONLY ONE DRAWING.

48. THE EXIT AND EMERGENCY LIGHTS SHOWN ARE FOR GUIDANCE. THE CONTRACTOR SHALL COORDINATE WITH LOCAL INSPECTOR FOR EXACT QUANTITY AND LOCATIONS.

49. CONTRACTOR SHALL INSPECT ALL SUBSTRATES PRIOR TO INSTALLING FINISH MATERIALS. INSTALLATION OF FINISH MATERIALS BY SUBCONTRACTORS INDICATES ACCEPTANCE OF SUBSTRATE AND THAT THE SUBSTRATE IS ACCEPTABLE FOR THAT SPECIFIC FINISH.

ALL WORK SHALL CONFORM TO ALL ADOPTED CODES THAT INCLUDE BUT ARE NOT LIMITED TO:

- NORTH CAROLINA ACCESSIBILITY CODE
-2018 NORTH CAROLINA BUILDING CODE
-2018 ENERGY CONSERVATION CODE
-2018 FIRE CODE
-2018 FUEL GAS CODE
-2018 MECHANICAL CODE
-2018 PLUMBING CODE
-2018 ELECTRICAL CODE

ABBREVIATIONS

A

AB	ANCHOR BOLT
A/C	AIR CONDITIONING
AC	ALTERNATING CURRENT
ACI	AMERICAN CONCRETE INSTITUTE
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
ALUM.	ALUMINUM
AMP.	AMPERE, AMPS
ARCH.	ARCHITECT, ARCHITECTURAL
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATIONAND A/C ENGINEERS
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS
AVG	AVERAGE

B

BC	BUILDING CONTRACTOR
BLDG.	BUILDING
BM	BEAM
BOT.	BOTTOM
BTU	BRITISH THERMAL UNIT

C

CF	CUBIC FEET
CFM	CUBIC FEET PER MINUTE
CKT	CIRCUIT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR, CLEARANCE
CMU	CONCRETE MASONRY UNIT
CNTR.	COUNTER
CO	CLEAN OUT
COL.	COLUMN
CONC.	CONCRETE, CONCENTRIC
CONT.	CONTINUOUS, CONTINUATION
COORD.	COORDINATE
CR	CONDENSATE RETURN
CJ	CONSTRUCTION JOINT
CTR	CENTER
CM	CORRUGATED METAL
CW	COLD WATER

D

DC	DIRECT CURRENT
DL	DEAD LOAD
DP.	DEEP
DEG	DEGREE (S)
DTL	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DBL	DOUBLE
DS	DOWNSPOUT
DWG	DRAWING

E

EA	EACH
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
E.J.	EXPANSION JOINT
EL	ELEVATION
ELEC.	ELECTRICAL
EMP.	EMPLOYEE
EMS	ENERGY MANAGEMENT SYSTEM
ENCL.	ENCLOSURE
ENT.	ENTRY, ENTRANCE
E.O.D.	EMERGENCY OVERFLOW DRAIN
EQ	EQUAL
EW	EACH WAY
EXP	EXPANSION
EQUIP.	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXIST.	EXISTING
EXT.	EXTERNAL, EXTERIOR

F

FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FCO	FLOOR CLEAN OUT
FD	FIRE DAMPER, FLOOR DRAIN
FIN.	FINISH (ED)
FIXT.	FIXTURE
FDN	FOUNDATION
FLG	FLANGE
FTG.	FOOTING
FS	FAR SIDE
F.F	FINISHED FLOOR
FLUOR.	FLUORESCENT
FRP	FIBERGLASS REINFORCED PANEL
FT	FOOT, FEET

G

GA	GAUGE
GALV.	GALVANIZED
GC	GENERAL CONTRACTOR
GB	GRADE BEAM
GWB	GYPSUM WALL BOARD

H

HGT	HEIGHT
HORIZ.	HORIZONTAL
HP	HORSEPOWER, HIGH POINT
HTR	HEATER
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HVU	HEATING AND VENTILATING UNIT
HVY	HEAVY

I

I.D.	INSIDE DIAMETER
IE	INVERT ELEVATION
INT	INTERIOR
INTER.	INTERMEDIATE
IN	INCH (ES)
INSUL.	INSULATION

J

J.B.	JUNCTION BOX
JT	JOINT

K

K	KIPS (1000 LBS)
KV	KILOVOLT
KVA	KILOVOLT-AMP
KW	KILOWATT
KWH	KILOWATT-HOUR

L

LB	POUNDS
L.F.	LINEAR FEET
LL	LIVE LOAD, LANDLORD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG.	LONGITUDINAL
LT	LIGHT
L.P.	LOW POINT
LTG	LIGHTING
LWC	LIGHT WEIGHT CONCRETE
LVL	LAMINATED VENEER LUMBER

M

MAX	MAXIMUM
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MANUF.	MANUFACTURER
MH	MANHOLE, METAL HALIDE
MIN	MINIMUM
MLO	MAIN LUGS ONLY
MSB	MAIN SWITCHBOARD
MTD	MOUNTED
MTL	METAL

N

N/A	NOT APPLICABLE
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELEC.L MANUFACTURERS ASSOCIATION
NF	NEAR FACE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
N.I.C	NOT IN CONTRACT
NL	NIGHT LIGHT
NO.	NUMBER
NOM.	NOMINAL
NTS	NOT TO SCALE

O

OA	OUTSIDE AIR
OC	ON CENTER
OF	OUTSIDE FACE
OD	OUTSIDE DIAMETER
OH	OPPOSITE HAND
OPNG	OPENING
OSHA ADMIN.	OCCUPATIONAL SAFETY AND HEALTH

P

PAR	PARALLEL
P/C	PRECAST CONCRETE
PC	PIECE
PDU	POWER DISTRIBUTION UNIT
PER	PERPENDICULAR
PH	PHASE
PT	PAINT
PTD	PAINTED
PL	PLATE
PLBG	PLUMBING
PNL	PANEL
PIV	POST INDICATOR VALVE
PSF	POUNDS PER SQUARE FOOT
PVC	POLYVINYL CHLORIDE

Q

QTY.	QUANTITY

R

RA	RETURN AIR
RAD	RADIUS
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF	REFERENCE, REFER
REINF.	REINFORCING
REQD	REQUIRED
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RTU	ROOFTOP UNIT

S

SC	SITE CONTRACTOR
SCHED.	SCHEDULE (D)
SCHR	SECONDARY CHILLED WATER RETURN
SD	SMOKE DAMPER, SMOKE DETECTOR
SECT.	SECTION
S	SENSOR
S.F.	SQUARE FEET
SHT	SHEET
SIM	SIMILAR
SHT. MTL.	SHEET METAL
SPEC.	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL, SANITARY SEWER
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STIFF.	STIFFENER
STIR.	STIRRUPS
SUSP.	SUSPENDED
SYMM.	SYMMETRICAL

T

T&B	TOP AND BOTTOM
T.O.F.	TOP OF FOOTING
THICK.	THICKNESS
T.O.J.	TOP OF JOIST
T.O.S.	TOP OF STEELTHRU THROUGH
T	THERMOSTAT
TYP	TYPICAL
TS	TEMPERATURE SENSOR
TB	THIN BRICK - INTERIOR FINISH

U

UL	UNDERWRITERS LABORATORIES
U.O.N.	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTED POWER SUPPLY

V

V	VOLT
VA	VOLT-AMPERE
VERT.	VERTICAL
VGB	VINYL FACED GYPSUM BOARD
VTR	VENT THROUGH ROOF

W

W/	WITH
W/O	WITHOUT
WCO	WALL CLEANOUT
W.C.	WATER CLOSET
WS	WAINSCOT
WP	WEATHER PROOFING
W.O.	WALL OPENING
WWF	WELDED WIRE FABRIC

X

XFMR	TRANSFORMER

Y

YD	YARD

ARCH. SYMBOLS

100	DOOR NUMBER
ROOM 100	ROOM NUMBER
A	WINDOW TYPES
1	REVISION
1.11	KEYNOTE
8'-0"	CEILING HEIGHT
SM01	WALL TYPE
1 / A1.1	SECTION MARK
1 / A1.1	ENLARGED PLAN/DETAIL REFERENCE
1 / A1.1	ELEVATION KEY
1	COLUMN CENTERLINE

(ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED ON THE DWGS)

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ANDREW O. LAWRENCE — REGISTERED ARCHITECT — 4298 — RALEIGH, N.C.

PERMIT SET

Erwin Mill - Suite 302 - Area 3

200 North 13th St. Suite 302
Erwin, NC

issue date:

ISSUE	NAME	DATE
1ST	PERMIT SET	07/25/2024

revisions:

Revision	Date	Description

drawn by:

checked by:

project no: 24-115

ABBREVIATIONS

G104

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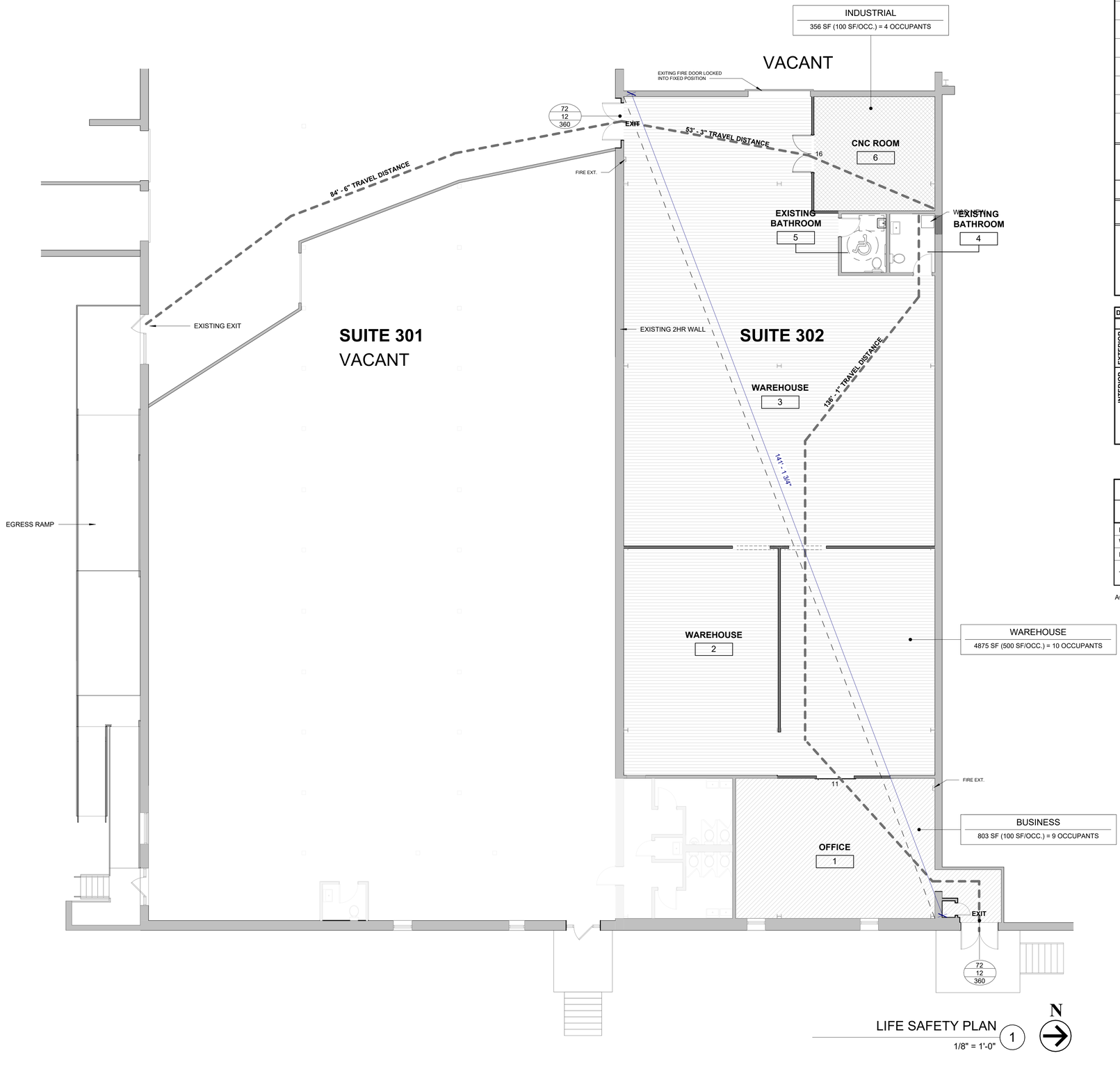

LIFE SAFETY PLAN 1

1/8" = 1'-0"

WALL RATING LEGEND

	30 MINUTE EXIT ACCESS CORRIDOR
	1 HOUR FIRE PARTITION
	2 HOUR FIRE PARTITION
	1 HOUR FIRE BARRIER
	2 HOUR SHAFT ENCLOSURE/STRUCTURE PROTECTION
	EXIT SIGN
F.E.C.	FIRE EXTINGUISHER CABINET
	"STAR OF LIFE" DECAL AT ELEVATOR ENTRANCE FOR STRETCHER CAPABILITY
# ## ###	EXIT WIDTH (inches) EXIT LOAD EXIT CAPACITY
	EXIT PATH

LIFE SAFETY NOTES

1. ALL RATED WALLS ABOVE CEILING TILE TO BE LABELED BY STENCIL OR PLACARD INDICATING THEIR FIRE RATING.
2. THIS BUILDING IS SPRINKLERED BUILDING.
3. MAXIMUM TRAVEL LENGTH ALLOWED= 250 FEET (IBC); 200 FEET (NFPA)
4. FIRE BARRIERS SHALL EXTEND FROM THE FLOOR TO THE UNDERSIDE OF THE FIRE-RESISTANCE-RATED ROOF/FLOOR/CEILING ASSEMBLY. DOORS MUST BE SELF-CLOSING.

DOOR RATING LEGEND

	WALL RATING	DOOR RATING
EXTERIOR	1 HR	45 MIN
EXTERIOR	2 HR	90 MIN
EXTERIOR	3 HR	90 MIN
INTERIOR	1 HR (SHAFTS & EXITS)	60 MIN
INTERIOR	1 HR (OTHER)	45 MIN
INTERIOR	1.5 HR	90 MIN
INTERIOR	2 HR	90 MIN

OCCUPANT LOAD (LEVEL 100)

Occupancy Type	Area	Occupancy Factor	Occupant Count
BUSINESS	803 SF	100	9
WAREHOUSE	4875 SF	500	10
INDUSTRIAL	356 SF	100	4
TOTAL			23

ACTUAL PLANNED OCCUPANCY IS LESS THAN CALCULATED ABOVE.

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project no:
24-115

LIFE SAFETY

G200

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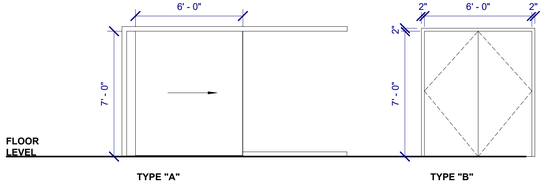
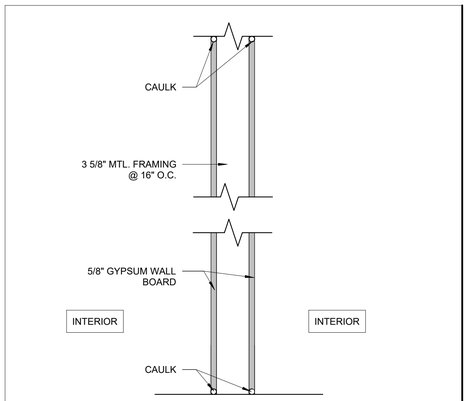
Door Schedule

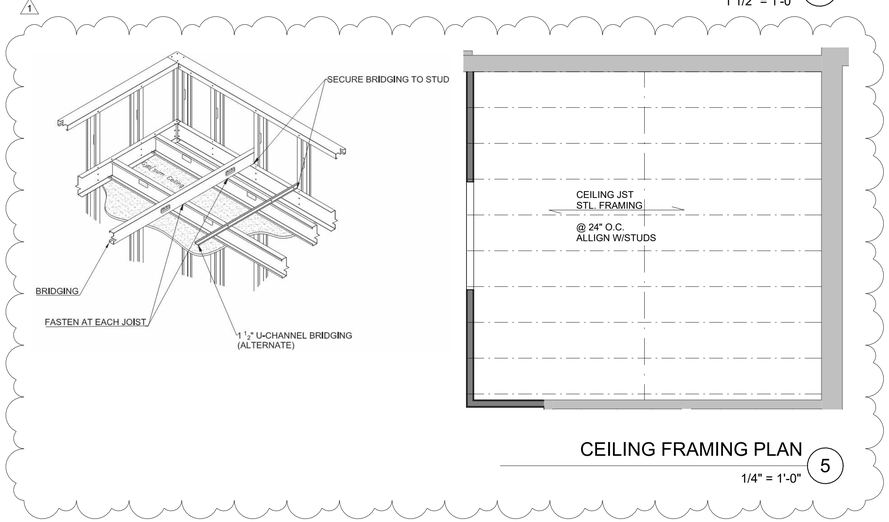
Mark	To Room	Type Mark	Width	Height	Thk.	Door Material	Frame Material	Fire Rating	Hardware Set	Comments
16	CNC ROOM	B	6' - 0"	7' - 0"	1 3/4"	SCW	HOLLOW MTL			
11	OFFICE	A	6' - 0"	7' - 0"	1 1/4"	SCW	HOLLOW MTL			



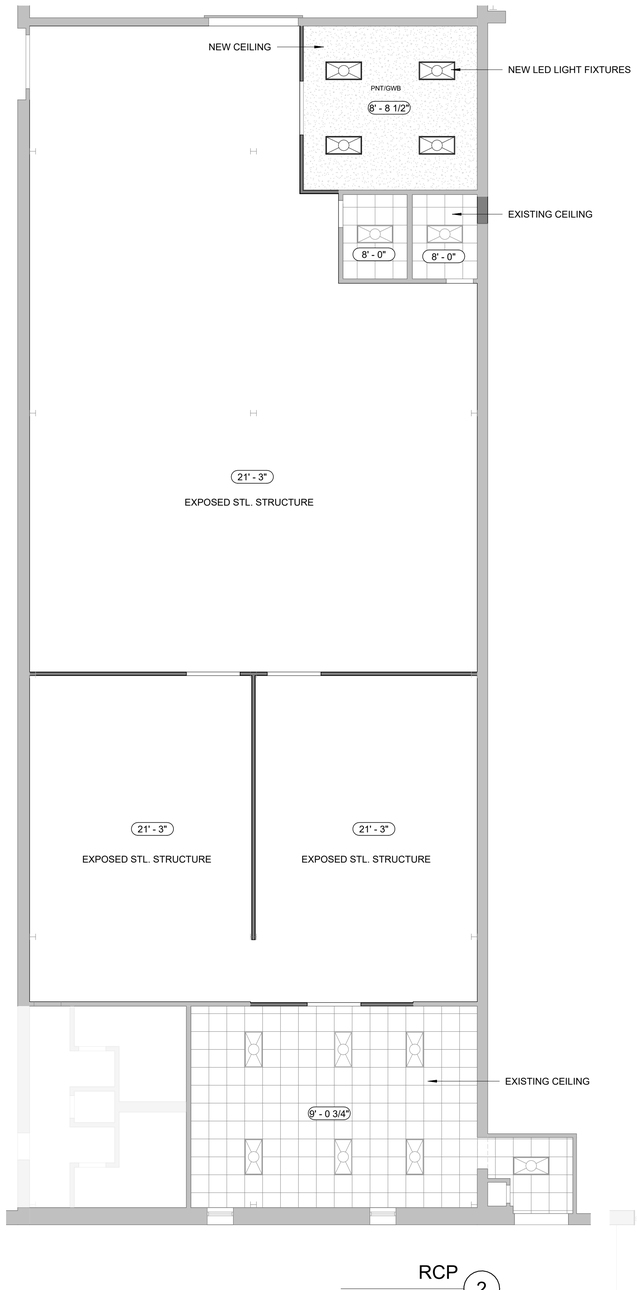


TYPE MARK	LOCATION	FIRE RATING	ASSEMBLY
SM01	INTERIOR WALL	---	---

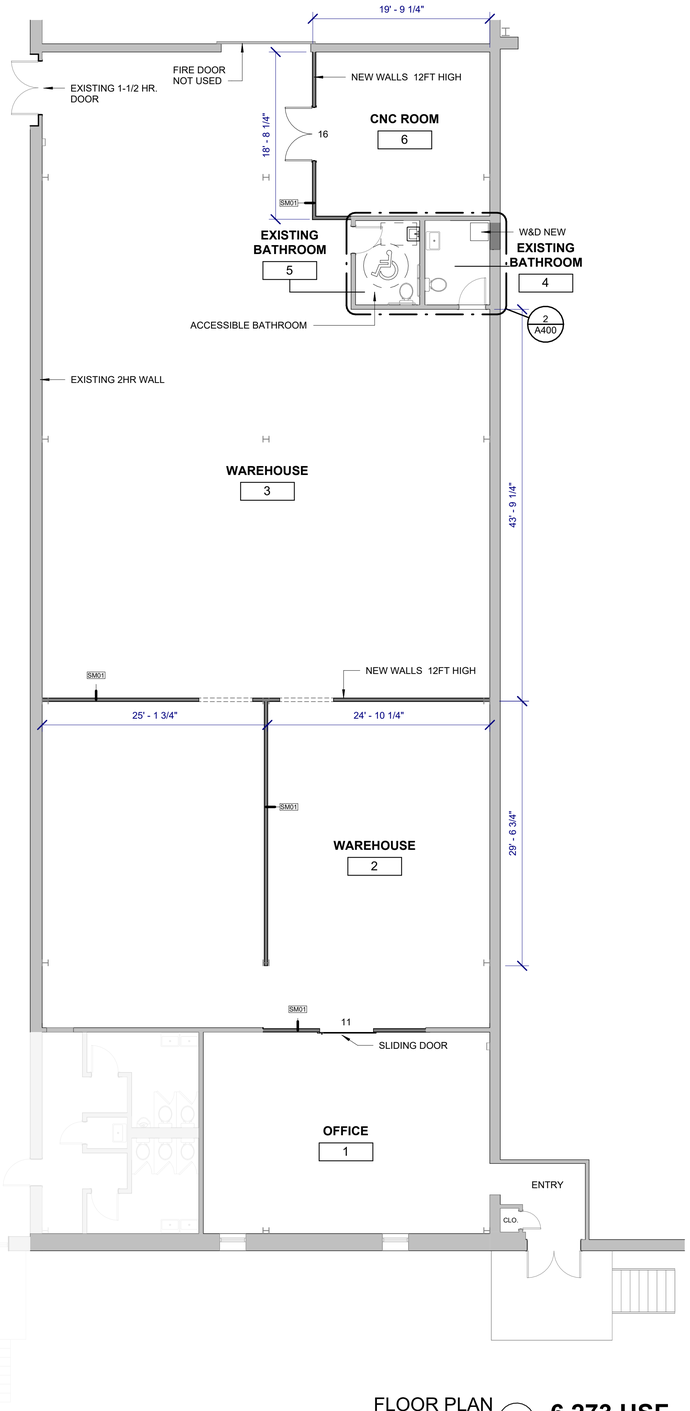
WALL TYPE 4
1 1/2" = 1'-0"



CEILING FRAMING PLAN 5
1/4" = 1'-0"



RCP 2
1/8" = 1'-0"



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

6,273 HSF.

N

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1	7/30/2024	CEILING FRAMING PLAN

drawn by: ASL
checked by: AOL
project no: 24-115

FLOOR PLAN

A111

7/31/2024 10:12:38 AM

(TA) GENERAL NOTES

1. PROVIDE BLOCKING, OR DIRECT STUD SUPPORT, FOR ALL TOILET ACCESSORIES THIS LIST

2. APPROVED METAL FINISHES: POLISHED OR BRUSHED CHROME, BRUSHED NICKEL OR STAINLESS STEEL AND FYI PERFORMANCE STANDARDS

3. WALL MOUNTED EQUIPMENT, FIXTURE, ETC. BETWEEN 27" AND 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM WALL PER ACCESSIBILITY STANDARDS.

4. ALL CONTROLS MUST BE MOUNTED BETWEEN 15" AFF AND 48" AFF AND PROVIDE A 30"X48" CLEAR FLOOR AREA IN COMPLIANCE WITH ACCESSIBLE STANDARDS.
OPERABLE CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" AFF. ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST.

5. LIGHTS IN PUBLIC AREA MUST BE ON KEYED SWITCHES OR MOTION SENSORS. THE MOTION SENSOR MUST HAVE A DELAY OF THIRTY MINUTES FROM THE LAST DETECTION OF MOVEMENT IN THE DEFINED AREA PRIOR TO SHUT DOWN. ENTRY LIGHT IN PUBLIC RESTROOMS MUST REMAIN ON AT ALL TIMES IN MULTI-STALL RESTROOM.

6. A GFCI/ELCB/RCCB OR EQUAL DUPLEX OUTLET MUST BE LOCATED ON A SIDEWALL OF THE WATER BASIN.

GENERAL NOTES

1. LIGHT SWITCH AND G.F.I. OUTLETS CAN BE MOUNTED IN A COMMON 4x4 BOX WITH COVER PLATE. COORDINATE CLEARANCES AS REQUIRED.

2. THE HEIGHT OF ALL SWITCHES, OUTLETS, ETC., TO MEET ACCESSIBILITY REQUIREMENTS AND/OR LOCAL CODES. WHICHEVER IS MORE STRINGENT. SWITCHES ON LAMPS MUST BE TOGGLE TYPE, AS REQUIRED.

3. SLOPE OR DISH FLOORS TO DRAIN, SLOPE NOT TO EXCEED 1:48 IN ANY DIRECTION.

4. ANY LIGHT FIXTURES OVER WET AREAS TO BE DAMP LOCATION RATED W/ SHATTERPROOF LENS.

5 . WALL MOUNTED EQUIPMENT, FIXTURES, ETC. BETWEEN 27" AND 80" A.F.F. SHALL NOT PROTRUDE FURTHER THAN 4" FROM THE WALL PER ACCESSIBILITY REQUIREMENTS.

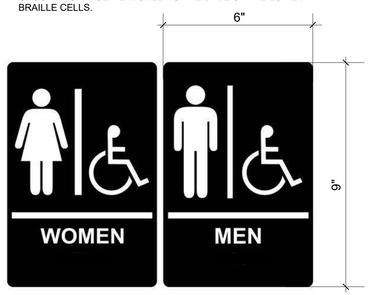
6. ALL CONTROLS FOR USE BY GUESTS, MUST BE MOUNTED BETWEEN 15" AFF AND 48" AFF. ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST.

7. THE BOTTOM OF THE REFLECTIVE SURFACE OF MIRRORS IN ALL A.D.A. BATHROOMS MUST BE NO HIGHER THAN 40" A.F.F.

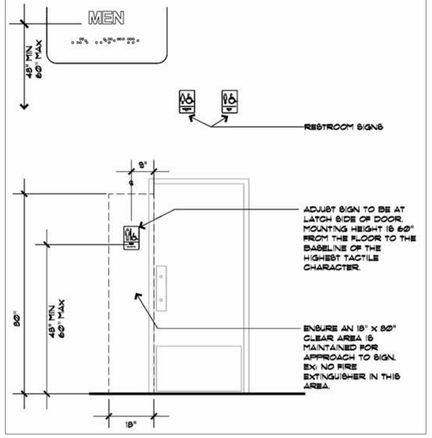
ADA BATHROOM SIGNAGE REQUIREMNTS:

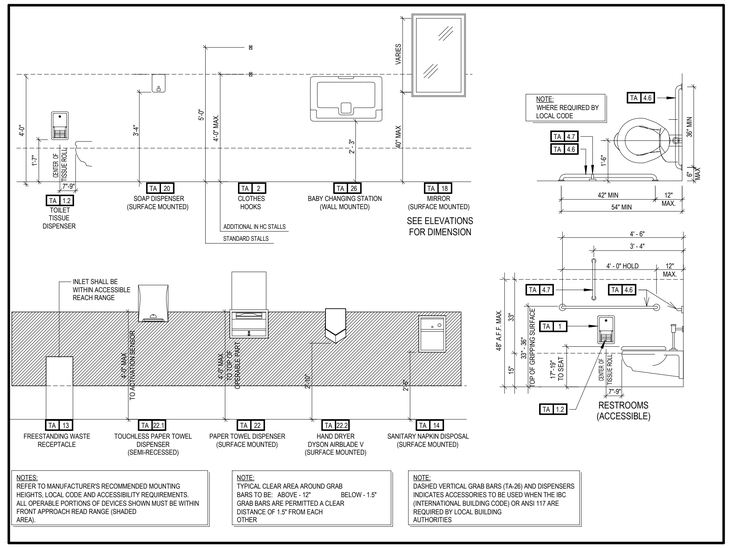
ADA COMPLIANT SIGNS IN PUBLIC SPACES MUST INCLUDE A PICTOGRAM, TACTILE TEXT, BRAILLE, OR A COMBINATION OF THESE TO ENSURE THAT PEOPLE WITH DISABILITY CAN NAVIGATE THE AREA EASILY AND SAFELY.

PER THE ADA, STANDARD RESTROOM SIGNS MUST BE LOCATED BETWEEN 48 AND 60 INCHES ABOVE THE FINISHED FLOOR OR GROUND SURFACE MEASURED TO THE BASE OF THE LOWEST BRAILLE CELLS.



NTS NTS

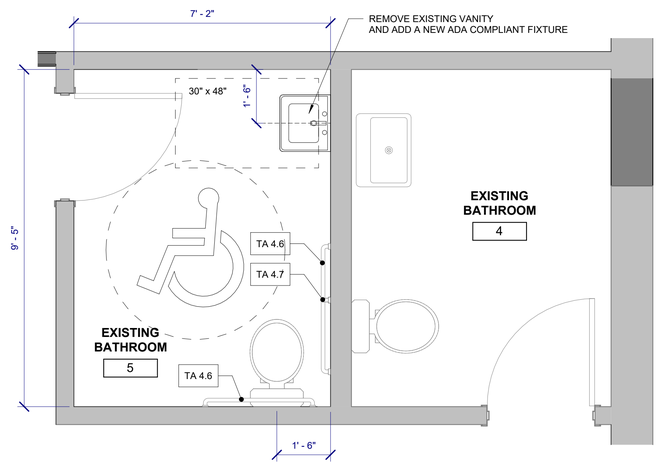




NOTES:
REFER TO MANUFACTURER'S RECOMMENDED MOUNTING HEIGHTS, LOCAL CODE AND ACCESSIBILITY REQUIREMENTS. ALL OPERABLE PORTIONS OF DEVICES SHOWN MUST BE WITHIN FRONT APPROACH READ RANGE (SHADED AREA).

NOTE:
TYPICAL CLEAR AREA AROUND GRAB BARS TO BE: ABOVE - 12" BELOW - 1.5"
GRAB BARS ARE PERMITTED A CLEAR DISTANCE OF 1.5" FROM EACH OTHER

NOTE:
DASHED VERTICAL GRAB BARS (TA-26) AND DISPENSERS INDICATES ACCESSORIES TO BE USED WHEN THE IBC (INTERNATIONAL BUILDING CODE) OR ANSI 117 ARE REQUIRED BY LOCAL BUILDING AUTHORITIES



ENLARGED BATHROOM PLAN (2)
1/2" = 1'-0"

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issue date:

ISSUE	NAME	DATE
1ST	PERMIT SET	07/25/2024

revisions:

Revision	Date	Description

drawn by:

checked by:

project no:
24-115

ENLARGED BATHROOM PLANS

A400

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