*PROJECT FOR:*

# UNIT 800

2457 GUM BRANCH RD.
JACKSONVILLE, NC 28540

SHEET INDEX:

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E1 - ELECTRICAL 1
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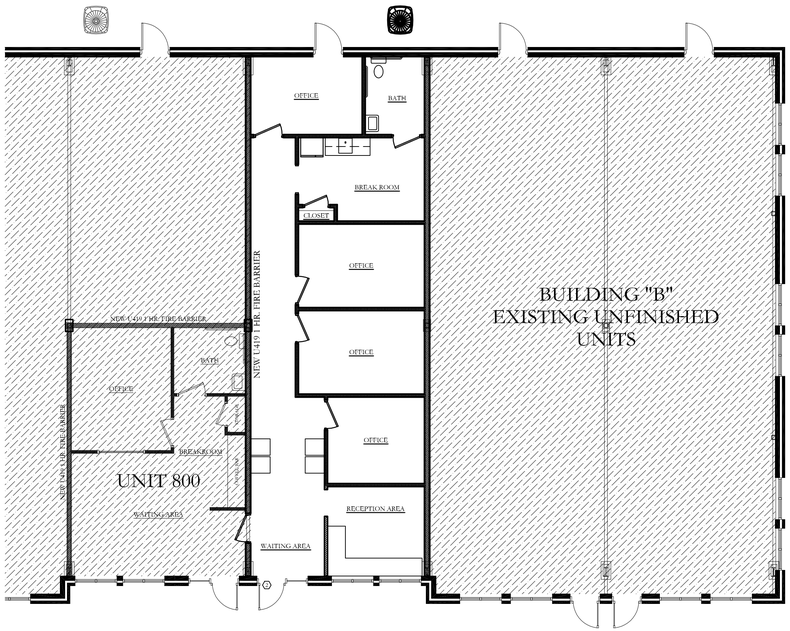
## UNIT 800

1,666 HEATED SQ. FT.




| DATE | REVISIONS |
|---|---|
| | |
| | |
| | |
| | |

IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR BUILDER TO CONFORM TO ALL STANDARDS, PROVISIONS, REQUIREMENTS, METHODS OF CONSTRUCTION AND USES OF MATERIALS PROVIDED IN BUILDINGS AND/OR STRUCTURES AS REQUIRED BY N.C. UNIFORM BUILDING CODE, LOCAL AGENCIES AND IN ACCORDANCE WITH GOOD ENGINEERING PRACTICES.

NEITHER CONNER DRAFTING & DESIGN NOR ANY OF ITS SUB-CONTRACTORS ARE RESPONSIBLE FOR ANY PROBLEMS DUE TO HUMAN ERROR AND/OR OMISSIONS ON THESE DOCUMENTS. IT IS THE OWNER AND/OR CONTRACTORS RESPONSIBILITY TO CAREFULLY REVIEW THESE PLANS FOR ERRORS AND OMISSIONS PRIOR TO CONSTRUCTION. IF ANY PROBLEMS ARE FOUND IN THE REVIEW PLEASE NOTIFY CONNER DRAFTING AND DESIGN PRIOR TO BEGINNING CONSTRUCTION SO ANY REVISIONS CAN BE MADE.

**FOUNTAIN TAYLOR III**
**PROFESSIONAL ENGINEER**
2135 KINSTON HIGHWAY
RICHLANDS, NC 28574
910.324.3011

**J. TRIPP**
**ELECTRICAL ENGINEERING**
102 NAN ST.
RICHLANDS, NC 28574
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101 N. WILMINGTON ST.
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# 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: GUM BRANCH CROSSING B1 – UNIT 800
Address: 2457 GUM BRANCH RD, JACKSONVILLE, NC Zip Code 28540
Owner/Authorized Agent: Lloyd Mattingly Phone # (919) 810 - 0833 E-Mail lloydmattingly@earthlink.net
Owned By: ☐ City/County ☒ Private ☐ State
Code Enforcement Jurisdiction: ☒ JACKSONVILLE ☐ County _____ ☐ State

**CONTACT:** _____

| DESIGNER | FIRM | NAME | LICENSE # | TELEPHONE # | E-MAIL |
|---|---|---|---|---|---|
| Architectural | | | | (___) | |
| Civil | | | | (___) | |
| Electrical | | JOHNSHW/TRIPP | 024505 | (910) 358-0693 | |
| Fire Alarm | | | | (___) | |
| Plumbing | | FOUNTAIN/TAYLOR III | 17699 | (910) 324-3011 | |
| Mechanical | | FOUNTAIN/TAYLOR III | 17699 | (910) 324-3011 | |
| Sprinkler-Standpipe | | | | (___) | |
| Structural | | FOUNTAIN/TAYLOR III | 17699 | (910) 324-3011 | |
| Retaining Walls >5' High | | | | (___) | |
| Other | | | | (___) | |

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

**2018 NC CODE FOR:** ☒ New Construction ☐ Addition ☐ Renovation
☐ 1st Time Interior Completion
☐ Shell/Core
☐ Phased Construction – Shell/Core
☐ Renovation

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

**CONSTRUCTED:**(date) 2021 **ORIGINAL OCCUPANCY(S)** (Ch. 3): _____
**RENOVATED:** (date) _____ **CURRENT OCCUPANCY(S)** (Ch. 3): _____

**RISK 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 (Primary) **Flood Hazard Area:** ☐ No ☐ Yes
Special Inspections Required: ☒ No ☐ Yes

**Gross Building Area:**

| FLOOR | EXISTING (SQ FT) | NEW (SQ FT) | RENO/ALTER (SQ.FT) | SUB-TOTAL |
|---|---|---|---|---|
| 6th Floor | | | | |
| 5th Floor | | | | |
| 4th Floor | | | | |
| 3rd Floor | | | | |
| 2nd Floor | | | | |
| Mezzanine | | | | |
| 1st Floor | 13,407 | 0 | | 13,407 |
| Basement | | | | |
| TOTAL | | | | 13,407 |

## ALLOWABLE AREA

**Primary Occupancy Classification: 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
☐ 1-2 Condition ☐ 1 ☐ 2
☐ 1-3 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: _____
☒ 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] |
|---|---|---|---|---|---|
| FIRE AREA A | M, S1, B | 5,751 | 12,500 | 8,000 | 20,500 |
| FIRE AREA B | B,M | 7,654 | 12,500 | 8,000 | 20,500 |
| | | | | | |
| | | | | | |
| TOTAL | M, S1, B | 13,405 | 12,500 | 8,000 | 20,500 |

[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 $I_f = 100\,[\,F/P - 0.25\,]\,x\ W/30$ = _____ (%)
[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
[5] Frontage increase is based on the unsprinklered area value in Table 506.2.

## ALLOWABLE HEIGHT

| | ALLOWABLE (TABLE 503) | SHOWN ON PLANS | CODE REFERENCE |
|---|---|---|---|
| Building Height in Feet (Table 504.3) | 55' | 21 | |
| Building Height in Stories (Table 504.4) | 2 | 1 | |

[1] Provide code reference if the "Show 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] The maximum height of open parking garages must comply with Table 406.5.4

## FIRE PROTECTION REQUIREMENTS

| BUILDING ELEMENT | FIRE SEPARATION DISTANCE (FEET) | RATING REQ'D | RATING PROVIDED (W/_____* REDUCTION) | DETAIL # AND SHEET # | DESIGN # FOR RATED ASSEMBLY | DESIGN # FOR RATED PENETRATION | DESIGN # FOR RATED JOINTS |
|---|---|---|---|---|---|---|---|
| Structural Frame, including columns, girders, trusses | | 0 | | | | | |
| Bearing Walls | | 0 | | | | | |
| Exterior | | 0 | | | | | |
| North | | | | | | | |
| East | | | | | | | |
| West | | | | | | | |
| South | | | | | | | |
| Interior | | 0 | | | | | |
| Nonbearing Walls and Partitions Exterior walls | | | | | | | |
| North | 12.5 FT. | 0 | | | | | |
| East | 23.6 FT. | | ULU904 | | | | |
| West | | | | | | | |
| South | | | | | | | |
| Interior walls and partitions | | 0 | | | | | |
| Floor Construction Including supporting beams and joists | | 0 | | | | | |
| Floor Ceiling Assembly | | 0 | | | | | |
| Column Supporting Floors | | 0 | | | | | |
| Roof Construction, including supporting beams and joists | | 0 | | | | | |
| Roof Ceiling Assembly | | 0 | | | | | |
| Column Supporting Roof | | 0 | | | | | |
| Shaft Enclosures - Exit | | 0 | | | | | |
| Shaft Enclosures - Other | | 0 | | | | | |
| Corridor Separation | | 0 | | | | | |
| Occupancy/Fire Barrier Separation | | | 3 HR. | G2.07 | UL419 AND DETAIL G2.01 | | |
| Party/Fire Wall Separation | | 0 | | | | | |
| Smoke Barrier Separation | | 0 | | | | | |
| Smoke Partition | | 0 | | | | | |
| Tenant/Dwelling Unit/ Sleeping Unit Separation | | 0 | | | | | |
| Incidental Use Separation | | 0 | | | | | |

* Indicate section number permitting reduction

## PERCENTAGE OF WALL OPENING CALCULATIONS

| FIRE SEPARATION DISTANCE (FEET FROM PERPERTY LINES | DEGREES OF OPENINGS PROTECTION (TABLE 705.8) | ALLOWABLE AREA (%) | ACTUAL SHOWN ON PLANS (%) |
|---|---|---|---|
| STREET FACING | | UNLIMITED | SECTION 705.8.1.1 |
| | | | |
| | | | |

## LIFE SAFETY SYSTEM REQUIREMENTS

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 #: 2

☒ 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 types 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 (1006.2.1 & 2006.3.2(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 and supporting construction for a fire barrier/fire partition/smoke barrier.
☒ 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

| Section/Table/Note | Title |
|---|---|
| | |
| | |

## 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 | | | | | | | |

(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 | |
| EXISTING | | | | | | |
| 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 | 0 | 0 | | 0 | 0 | 0 | 0 | | | |
| | NEW | 0 | 0 | 1 | 0 | 0 | 0 | 1 | | | 0 |
| | REQ'D | 0 | 0 | 1 | 0 | 0 | 0 | 1 | | | 0 |

## SPECIAL APPROVALS

**Special approval:** (Local Jurisdiction, Department of Insurance, SCO, DPI, DHHS, ICC, etc., describe below)

_____

## ENERGY SUMMARY

**ENERGY REQUIREMENTS:**
The following data shall be considered minimum and any special attribute required to meet the **North Carolina Energy Conservation 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) **EXISTING THERMAL ENVELOPE – NO CHANGES**

**Roof/ceiling Assembly** (each assembly)
Description of assembly: Filled cavity metal building roof insulation w/ R-5 thermal spacer blocks
U-Value of total assembly: _____
R-Value of insulation: R-10 + 19 FC
Skylights in each assembly: ____
U-Value of skylight: ____
Total square footage of skylights in each assembly: ____

**Exterior Walls** (each assembly)
Description of assembly: Metal Framed
U-Value of total assembly: _____
R-Value of insulation: R-13 + R-7.5 CI
Openings (windows or doors with glazing)
U-Value of assembly: Opaque U – 0.70 Entry Doors U – 0.77 Windows U - 0.45
Solar heat gain coefficient: .25
Projection factor: _____
Door R-Values: _____

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

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

**Floors slab on grade**
Description of assembly: Unheaded Concrete Slab
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 ($I_E$) _____ **EXISTING STRUCTURE NO STRUCTURAL CHANGES**

**Live Loads:** Roof _____ psf
Mezzanine _____ psf
Floor _____ psf

**Ground Snow Load:** _____ psf

**Wind Load:** Ultimate Wind Speed 140 mph (ASCE-7)
Exposure Category _____

**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** $S_S$ _____ %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 MECHANICL SHEETS IF APPLICABLE)

## MECHANICAL SUMMARY

**MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT**

**Thermal Zone** 3A **SEE MECHANICAL DRAWINGS**
winter dry bulb: 22 F
summer dry bulb: 90/78wb F

**Interior design conditions**
winter dry bulb: 75 F
summer dry bulb: 75 F
relative humidity: 50%

**Building heating load:** 31634 BTU/HR

**Building cooling load:** 33618 BTU/HR

**Mechanical Spacing Conditioning System**
Unitary
description of unit: _____
heating efficiency: >8.2 SPF
cooling efficiency: >14 SEER
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**

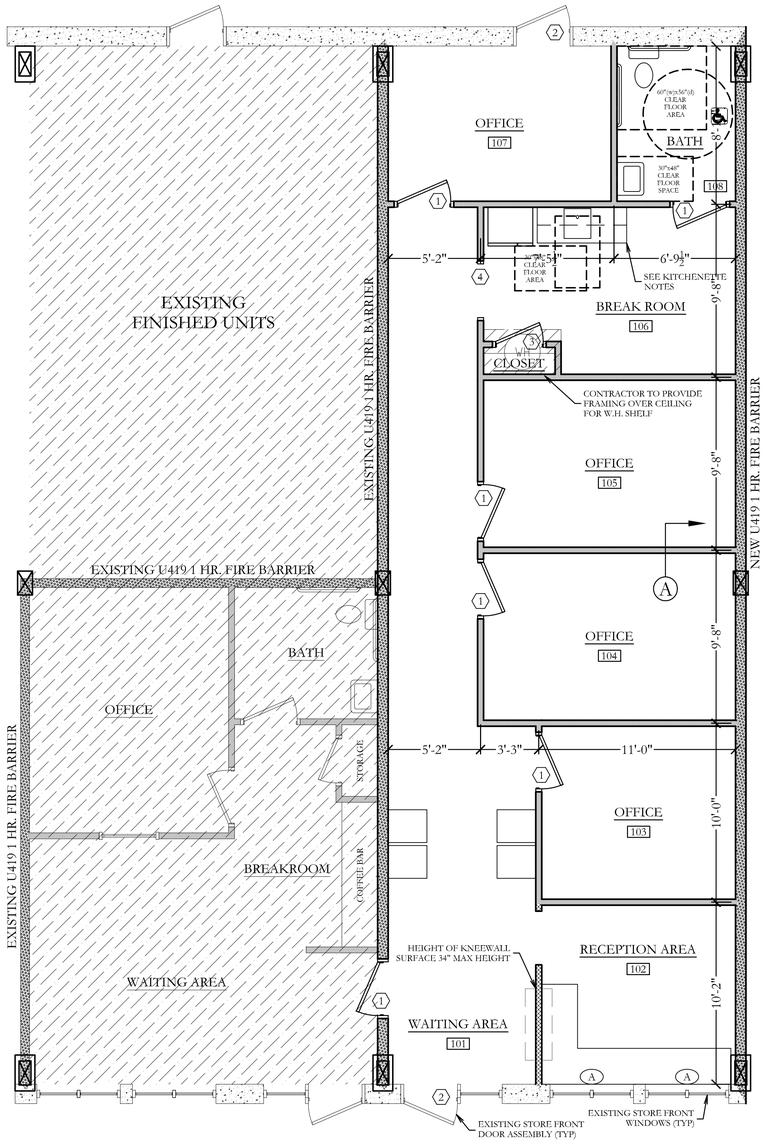
**Method of Compliance:** Energy Code: ☒ Prescriptive ☐ Performance
ASHRAE 90.1: ☐ Prescriptive ☐ Performance

**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

**Additional Efficiency Package Options**
**(When using the 2018 NCECC; not required for ASHRAE 90.1)**
☐ C406.2 More Efficient Mechanical Equipment
☐ C406.3 Reduced Lighting Power Density
☐ C406.4 Enhanced Digital Lighting Controls
☐ C406.5 On-Site Renewable Energy
☐ C406.6 Dedicated Outdoor Air System

NORTH CAROLINA PROFESSIONAL SEAL 17699 ENGINEER FOUNTAIN TAYLOR III
01.03.22

Approved
JACKSONVILLE N.C.
File Number: BP21-00002703
Approval Date: 01/10/22

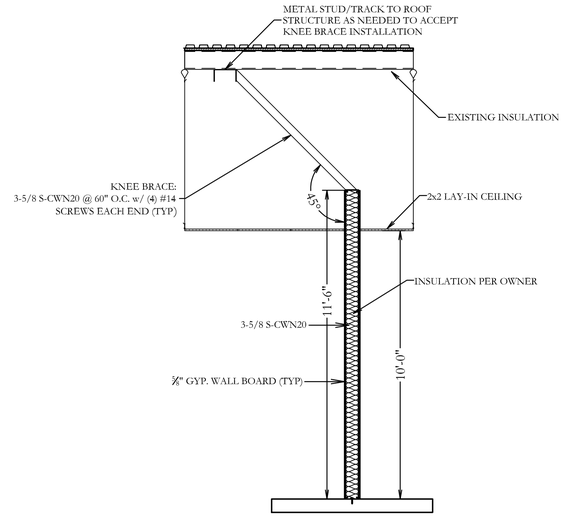



## PROPOSED PLAN
SCALE ¼" = 1'-0"

| FINISH SCHEDULE | | | | | | |
|---|---|---|---|---|---|---|
| ROOM NO. | DESCRIPTION | FLOOR COVERING | WALL COVERINGS | CEILING | BASE | REMARKS |
| 101 | WAITING | LVP | PAINTED GYP. | DROP TILE | SPEED BASE | WALL FINISH SHOULD BE CONFIRMED BY OWNER/CONTRACTOR PRIOR TO CONSTRUCTION |
| 102 | RECEPTION | LVP | PAINTED GYP. | DROP TILE | SPEED BASE | WALL FINISH SHOULD BE CONFIRMED BY OWNER/CONTRACTOR PRIOR TO CONSTRUCTION |
| 103 | OFFICE | CARPET | PAINTED GYP. | DROP TILE | SPEED BASE | WALL FINISH SHOULD BE CONFIRMED BY OWNER/CONTRACTOR PRIOR TO CONSTRUCTION |
| 104 | OFFICE | CARPET | PAINTED GYP. | DROP TILE | SPEED BASE | WALL FINISH SHOULD BE CONFIRMED BY OWNER/CONTRACTOR PRIOR TO CONSTRUCTION |
| 105 | OFFICE | CARPET | PAINTED GYP. | DROP TILE | SPEED BASE | WALL FINISH SHOULD BE CONFIRMED BY OWNER/CONTRACTOR PRIOR TO CONSTRUCTION |
| 106 | BREAKROOM | LVP | PAINTED GYP. | DROP TILE | SPEED BASE | WALL FINISH SHOULD BE CONFIRMED BY OWNER/CONTRACTOR PRIOR TO CONSTRUCTION |
| 107 | OFFICE | CARPET | PAINTED GYP. | DROP TILE | SPEED BASE | WALL FINISH SHOULD BE CONFIRMED BY OWNER/CONTRACTOR PRIOR TO CONSTRUCTION |
| 108 | BATH | LVP | EPOXY PAINTED GYP. | DROP TILE | SPEED BASE | NEW NON-ABSORBENT EPOXY PAINT COLOR BY OWNER BY OWNER/CONTRACTOR PRIOR TO CONSTRUCTION |

KITCHENETTE NOTES:
- ALL CLEARANCES SHALL COMPLY w/ SECTION 804 OF THE (ICC A117.1-2009) PROVIDE MINIMUM CLEARANCE BETWEEN ALL 40 INCH OPPOSING BASE CABINETS, COUNTER TOPS, APPLIANCES OR WALLS WITHIN WORK AREAS.
- AT LEAST ONE 30" WIDE BY 28" MIN-34" MAXIMUM WORK SURFACE AND DINING SURFACE SHALL BE PROVIDED.
- SPACES THAT DO NOT PROVIDE A COOKTOP OR CONVENTIONAL RANGE ARE NOT REQUIRED TO PROVIDE AN ACCESSIBLE WORK SURFACE.
- SINKS SHALL COMPLY w/ SECTION 606.
- WHEN PROVIDED ALL APPLIANCES SHALL COMPLY w/ SECTION 804.5.
- ALL APPLIANCE CONTROLS SHALL COMPLY w/ SECTION 309. THE LOCATION OF CONTROLS SHALL NOT REQUIRE REACHING ACROSS BURNERS.
- CLEAR FLOOR AREAS SHALL BE PROVIDED @ EACH APPLIANCE SHALL BE PROVIDED.

KITCHENETTE CABINETS
CONTRACTOR TO PROVIDE CABINET DETAILS & SHOP DRAWINGS TO INSPECTIONS DEPARTMENT FOR APPROVAL PRIOR TO INSTALLATION OF CABINETS.




A TYPICAL INTERIOR PARTITION WALL
SCALE: NO SCALE

NOTE: TOILET & SECURE ROOM WALLS ATTACHED TO EXTERIOR WALL. INTERIOR PARTITIONS ARE BRACED VIA SHEARWALL METHOD WITH GYPSUM ON EACHSIDE. INTERIOR LOADING ON PARTITION WALLS LIMITED TO 5 PSF.

| Structural Design Criteria | | |
|---|---|---|
| Roof Live Load | 20 | psf |
| Floor Live Load | 100 | psf |
| Tread live load | 100 | psf |
| Stair live load | 100 | psf |
| Basic Wind Spead | 140 | Mph |
| Seismic Design Cat. | D | |
| Soil Bearing | 1500 | psi |
| Concrete | 3000 | psi |

SQUARE FOOTAGE CALCULATIONS

EXISTING UNIT.....540 SQ. FT.

TOTAL UPFIT.....1,126 SQ. FT.

TOTAL UNIT 800.....1,666 SQ. FT.

FRAMING LEGEND
- 3-5/8 S-CWN20 @ 16" O.C
- 660 S162-33 @ 24" O.C
- EXISTING WALL
- DEMO
- △ STUD POCKET/COLUMN FOR BEAM BEARING/SUPPORT

| DOOR SCHEDULE | | | | | | |
|---|---|---|---|---|---|---|
| SYM | DESCRIPTION | HEIGHT | WIDTH | FRAME | FINISH | REMARKS |
| 1 | WOOD | 7'-0" | 3'-0" | WOOD | PAINTED | SOLID CORE BIRCH FLUSH DOORS PER OWNER IN HOLLOW METAL FRAMES W/ STANDARD LEVERS LOCKABLE FROM THE THE INSIDE KEYED ACCESS w/ FROM THE OPPOSITE SIDE. ( UNDERCUT 1" ) BRUSHED NICKEL HARDWARE |
| 2 | EXISTING DOOR | EXISTING | EXISTING | EXISTING | EXISTING | THESE ARE EXISTING DOORS THAT WILL REMAIN IN PLACE |
| 3 | WOOD | 7'-0" | 2'-8" | WOOD | PAINTED | SOLID CORE BIRCH FLUSH DOORS PER OWNER IN HOLLOW METAL FRAMES W/ STANDARD LEVERS LOCKABLE FROM THE THE INSIDE KEYED ACCESS w/ FROM THE OPPOSITE SIDE. ( UNDERCUT 1" ) BRUSHED NICKEL HARDWARE |
| 4 | CASED OPENING | 7'-0" | 3'-0" | WOOD | | CASED OPENING PER OWNER |

| WINDOW SCHEDULE | | | | | | |
|---|---|---|---|---|---|---|
| SYM | DESCRIPTION | HEIGHT | WIDTH | FRAME | FINISH | REMARKS |
| A | EXISTING WINDOW | EXISTING | EXISTING | EXISTING | EXISTING | THESE ARE EXISTING WINDOWS THAT WILL REMAIN IN PLACE |

| DATE | REVISIONS |
|---|---|
| | |
| | |
| | |
| | |

IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR BUILDER TO CONFORM TO ALL STANDARDS, PROVISIONS, REQUIREMENTS, METHODS OF CONSTRUCTION AND USES OF MATERIALS PROVIDED IN BUILDINGS AND/OR STRUCTURES AS REQUIRED BY N.C. UNIFORM BUILDING CODE, LOCAL AGENCIES AND IN ACCORDANCE WITH GOOD ENGINEERING PRACTICES.

NEITHER CONNER DRAFTING & DESIGN NOR ANY OF ITS SUB-CONTRACTORS ARE RESPONSIBLE FOR ANY PROBLEMS DUE TO HUMAN ERROR AND/OR OMISSIONS ON THESE DOCUMENTS. IT IS THE OWNER AND/OR CONTRACTORS RESPONSIBILITY TO CAREFULLY REVIEW THESE PLANS FOR ERRORS AND OMISSIONS PRIOR TO CONSTRUCTION. IF ANY PROBLEMS ARE FOUND IN THE REVIEW PLEASE NOTIFY CONNER DRAFTING AND DESIGN PRIOR TO BEGINNING CONSTRUCTION SO ANY REVISIONS CAN BE MADE.



## NOTICE

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## PROPOSED FLOOR PLAN

PLAN: UNIT 800
2457 GUM BRANCH RD.
JACKSONVILLE, NC. 28540

CDD
CONNER DRAFTING + DESIGN

FOUNTAIN TAYLOR III
PROFESSIONAL ENGINEER
2135 KINSTON HIGHWAY
RICHLANDS, NC 28574
910.324.3011

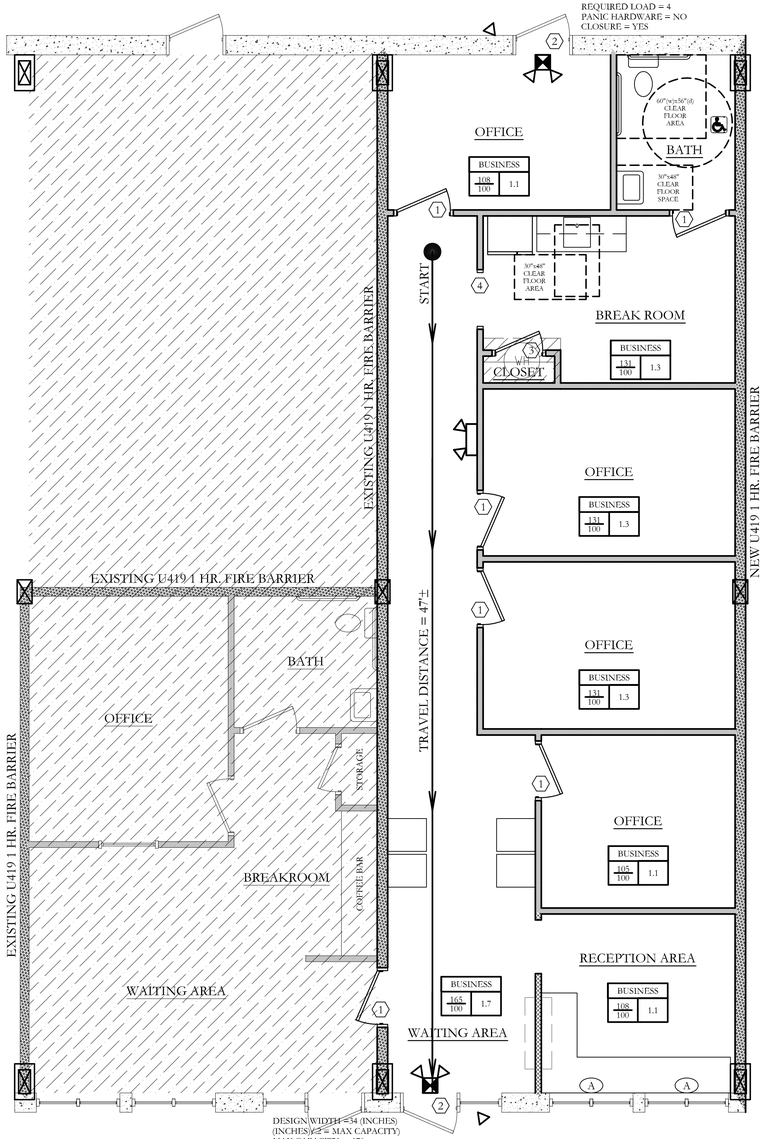
P.O. BOX 617
RICHLANDS, NC. 28574
PHONE: 910.324.2879
FAX: 910.324.3180
E-MAIL: CONNER_DRAFTING@YAHOO.COM

NORTH CAROLINA PROFESSIONAL SEAL 17699 ENGINEER FOUNTAIN TAYLOR III
01/03/22

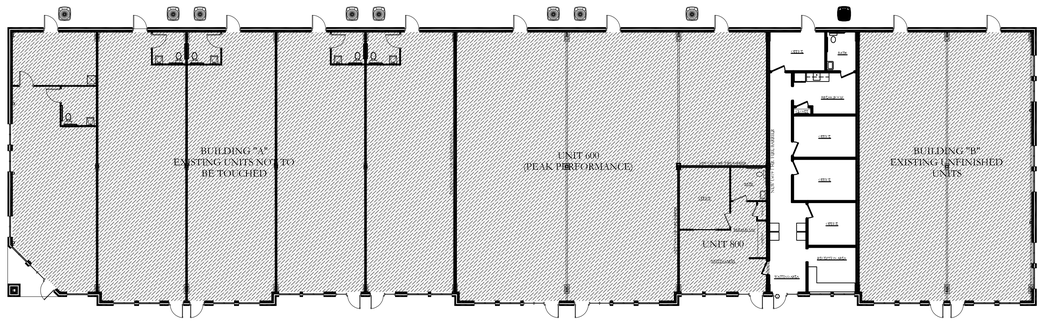


SHEET: PG-1

DATE: 01.03.22 | SCALE: 3/16"=1'-0" | DRAWN BY: CDD | FILENAME: 21_007_MATTINGLY, LLOYD_UNIT 800-B.DWG




## LIFE SAFETY PLAN
SCALE ¼" = 1'-0"




## BUILDING LAYOUT
SCALE: NOT TO SCALE

UNTOUCHED UNITS

EXISTING: 3 HR WALL SEPARATES FIRE AREA "A" FROM FIRE AREA "B". ALL NEW WORK PROPOSED IN THESE PLANS ARE IN BUILDING "B".

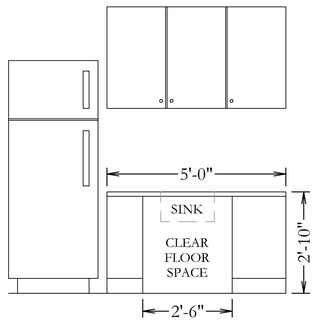
## EMERGENCY LIGHTING LEGEND

EXIT SIGN UNIT: LED TYPE, 120V, 2-12W LAMP HEADS, SURFACE OR WALL MOUNTED NEAR CEILING OVER DOORWAY.

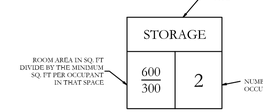
COMBINATION EXIT SIGN W/EMERGENCY LIGHTING UNIT: 5 WATTS OR LESS PER FACE, 120V, 2-12W LAMP HEADS, REMOTE HEAD CAPABLE, SURFACE WALL MOUNTED OVER DOORWAY, SHALL HAVE MINIMUM OF 90 MINUTES BATTERY BACKUP.

EMERGENCY LIGHTING UNIT REMOTE HEAD - WEATHERPROOF, CONNECT TO NEARBY UNIT - SURFACE MOUNTED ON EAVE.

EMERGENCY LIGHTING UNIT - 2-12W LAMP HEADS, 120V, SURFACE WALL MOUNTED NEAR CEILING




## KITCHENETTE ELEVATIONS
SCALE ½" = 1'-0"




EXAMPLE OCCUPANCY CALCULATION

SQUARE FOOTAGE CALCULATIONS

EXISTING UNIT.....540 SQ. FT.

TOTAL UPFIT.....1,126 SQ. FT.

TOTAL UNIT 800.....1,666 SQ. FT.

FRAMING LEGEND

- 3-5/8 S-CWN20 @ 16" O.C
- 660 S162-33 @ 24" O.C
- EXISTING WALL
- DEMO
- STUD POCKET/COLUMN FOR BEAM BEARING/SUPPORT

| Occupany Load Calculations | | | | |
|---|---|---|---|---|
| Unit | Room Name | Room Sq. Ft. | Sq. Ft. required per occupant | No. occupants |
| Offices | Business areas | 1,666 | 100 | 16.7 |
| | | | Total Occupant Load | 16.7 |

| DATE | REVISIONS |
|---|---|
| | |
| | |
| | |
| | |





LIFE SAFETY PLAN

PLAN: UNIT 800
2457 GUM BRANCH RD.
JACKSONVILLE, NC. 28540

FOUNTAIN TAYLOR III
PROFESSIONAL ENGINEER
2135 KINSTON HIGHWAY
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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 17699 FOUNTAIN TAYLOR III
01/03/22

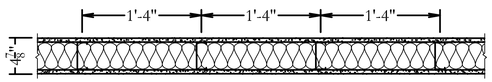


SHEET: PG. 2

DATE: 01.03.22 | SCALE: AS NOTED | DRAWN BY: CDD | FILENAME: 21_007_MATTINGLY, LLOYD_UNIT 800-B.DWG

## UL DESIGN NO. U419

FIRE RATING: 1 Hoor
STC: 44
SOUND TEST: USG-150919
SYSTEM THICKNESS: 4 7/8"

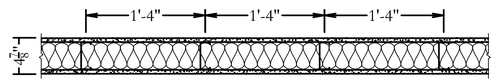



ASSEMBLY OPTIONS:

| | |
|---|---|
| GYPSUM BOARD: | ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™) |
| STEEL STUDS: | 3-5/8" STEEL STUDS, EQ20 (0.020"), SPACED 16" O.C. |
| INSULATION: | 3-1/2" THICK GLASS FIBER BATT INSULATION |
| GYPSUM BOARD: | ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™) |

## UL DESIGN NO. U419

FIRE RATING: 1 Hour
STC: 45
SOUND TEST: RAL-TL12-194
SYSTEM THICKNESS: 4 7/8"

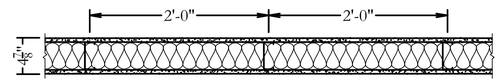



ASSEMBLY OPTIONS:

| | |
|---|---|
| GYPSUM BOARD: | ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE SCX™) |
| STEEL STUDS: | 3-5/8" STEEL STUDS, EQ20 (0.028"), SPACED 16" O.C. |
| INSULATION: | 3-1/2" THICK GLASS FIBER BATT INSULATION |
| GYPSUM BOARD: | ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE SCX™) |

## UL DESIGN NO. U419

FIRE RATING: 1 Hour
STC: 48
SOUND TEST: RAL-TL11-074
SYSTEM THICKNESS: 4 7/8"

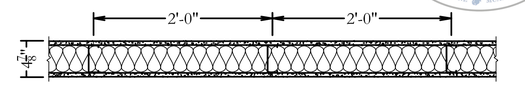



ASSEMBLY OPTIONS:

| | |
|---|---|
| GYPSUM BOARD: | ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE SCX™) |
| STEEL STUDS: | 3-5/8" STEEL STUDS, EQ25 (0.018"), SPACED 24" O.C. |
| INSULATION: | 3-1/2" THICK GLASS FIBER BATT INSULATION |
| GYPSUM BOARD: | ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE SCX™) |

## UL DESIGN NO. U419

FIRE RATING: 1 Hour
STC: 48
SOUND TEST: USG-180602
SYSTEM THICKNESS: 4 7/8"

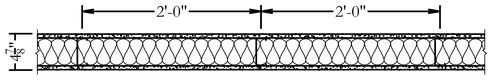



ASSEMBLY OPTIONS:

| | |
|---|---|
| GYPSUM BOARD: | ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE SCX™) |
| STEEL STUDS: | 3-5/8" STEEL STUDS, EQ20 (0.020"), SPACED 24" O.C. |
| INSULATION: | 3-1/2" THICK GLASS FIBER BATT INSULATION |
| GYPSUM BOARD: | ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE SCX™) |

## UL DESIGN NO. U419

FIRE RATING: 1 Hoor
STC: 48
SOUND TEST: USG-180617
SYSTEM THICKNESS: 4 7/8"

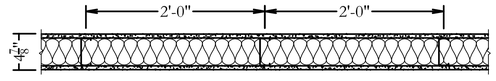



ASSEMBLY OPTIONS:

| | |
|---|---|
| GYPSUM BOARD: | ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™) |
| STEEL STUDS: | 3-5/8" STEEL STUDS, EQ25 (0.019"), SPACED 24" O.C. |
| INSULATION: | 3-1/2" THICK GLASS FIBER BATT INSULATION |
| GYPSUM BOARD: | ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™) |

## UL DESIGN NO. U419

FIRE RATING: 1 HOUR
STC: 48
SOUND TEST: USG-190434
SYSTEM THICKNESS: 4 7/8"

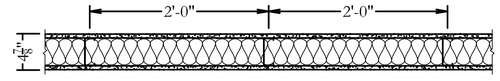



ASSEMBLY OPTIONS:

| | |
|---|---|
| GYPSUM BOARD: | ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™) |
| STEEL STUDS: | 3-5/8" STEEL STUDS, EQ25 (0.018"), SPACED 24" O.C. |
| INSULATION: | 3-1/2" THICK GLASS FIBER BATT INSULATION |
| GYPSUM BOARD: | ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™) |

## UL DESIGN NO. U419

FIRE RATING: 1 Hoor
STC: 49
SOUND TEST: USG-190432
SYSTEM THICKNESS: 4 7/8"

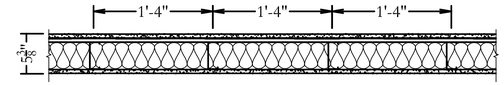



ASSEMBLY OPTIONS:

| | |
|---|---|
| GYPSUM BOARD: | ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE SCX™) |
| STEEL STUDS: | 3-5/8" STEEL STUDS, EQ25 (0.018"), SPACED 24" O.C. |
| INSULATION: | 3-1/2" THICK GLASS FIBER BATT INSULATION |
| GYPSUM BOARD: | ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE SCX™) |

## UL DESIGN NO. U419

FIRE RATING: 1 HOUR
STC: 49
SOUND TEST: USG-151205
SYSTEM THICKNESS: 5 3/8"

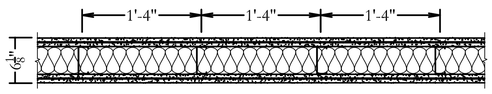



ASSEMBLY OPTIONS:

| | |
|---|---|
| GYPSUM BOARD: | ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™) |
| RESILIENT CHANNEL: | 1/2" 25 GA. RESILIENT CHANNEL SPACED 24" O.C. (SOUND TESTED WITH RC DELUXE®) |
| STEEL STUDS: | 3-5/8" STEEL STUDS, EQ20 (0.020"), SPACED 16" O.C. |
| INSULATION: | 3-1/2" THICK GLASS FIBER BATT INSULATION |
| GYPSUM BOARD: | ONE LAYER 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™) |

## UL DESIGN NO. U419

FIRE RATING: 2 HOUR
STC: 51
SOUND TEST: USG-161222
SYSTEM THICKNESS: 6 1/8"

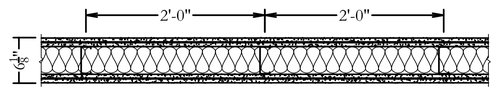



ASSEMBLY OPTIONS:

| | |
|---|---|
| GYPSUM BOARD: | TWO LAYER 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™) |
| STEEL STUDS: | 3-5/8" STEEL STUDS, EQ20 (0.020"), SPACED 24" O.C. |
| INSULATION: | 3-1/2" THICK GLASS FIBER BATT INSULATION |
| GYPSUM BOARD: | TWO LAYER 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™) |

## UL DESIGN NO. U419

FIRE RATING: 2 Hoor
STC: 52
SOUND TEST: USG-160730
SYSTEM THICKNESS: 6 1/8"

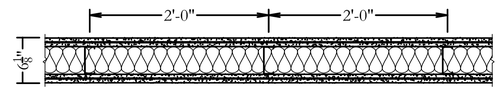



ASSEMBLY OPTIONS:

| | |
|---|---|
| GYPSUM BOARD: | TWO LAYERS 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™) |
| STEEL STUDS: | 3-5/8" STEEL STUDS, EQ20 (0.020"), SPACED 24" O.C. |
| INSULATION: | 3 1/2" GLASS FIBER BATT INSULATION IN CAVITY |
| GYPSUM BOARD: | TWO LAYERS 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™) |

## UL DESIGN NO. U419

FIRE RATING: 2 Hoor
STC: 53
SOUND TEST: RAL-TL11-126
SYSTEM THICKNESS: 6 1/8"

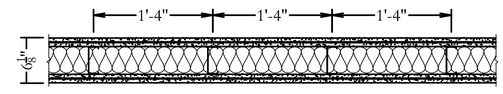



ASSEMBLY OPTIONS:

| | |
|---|---|
| GYPSUM BOARD: | TWO LAYERS 5/8" THICK GYPSUM BOARD (UL TYPE SCX™) |
| STEEL STUDS: | 3-5/8" STEEL STUDS, EQ25 (0.018"), SPACED 24" O.C. |
| INSULATION: | 3 1/2" GLASS FIBER BATT INSULATION IN CAVITY |
| GYPSUM BOARD: | TWO LAYERS 5/8" THICK GYPSUM BOARD (UL TYPE SCX™) |

## UL DESIGN NO. U419

FIRE RATING: 2 Hoor
STC: 53
SOUND TEST: USG-170104
SYSTEM THICKNESS: 6 1/8"

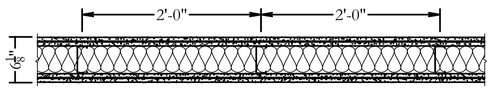



ASSEMBLY OPTIONS:

| | |
|---|---|
| GYPSUM BOARD: | TWO LAYERS 5/8" THICK GYPSUM BOARD (UL TYPE SCX™) |
| STEEL STUDS: | 3-5/8" STEEL STUDS, EQ20 (0.019"), SPACED 16" O.C. |
| INSULATION: | 3 1/2" GLASS FIBER BATT INSULATION IN CAVITY |
| GYPSUM BOARD: | TWO LAYERS 5/8" THICK GYPSUM BOARD (UL TYPE SCX™) |

## UL DESIGN NO. U419

FIRE RATING: 2 Hoor
STC: 53
SOUND TEST: 180604
SYSTEM THICKNESS: 6 1/8"

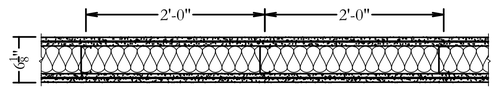



ASSEMBLY OPTIONS:

| | |
|---|---|
| GYPSUM BOARD: | TWO LAYERS 5/8" THICK GYPSUM BOARD (UL TYPE SCX™) |
| STEEL STUDS: | 3-5/8" STEEL STUDS, EQ20 (0.020"), SPACED 24" O.C. |
| INSULATION: | 3 1/2" GLASS FIBER BATT INSULATION IN CAVITY |
| GYPSUM BOARD: | TWO LAYERS 5/8" THICK GYPSUM BOARD (UL TYPE SCX™) |

## UL DESIGN NO. U419

FIRE RATING: 2 Hoor
STC: 54
SOUND TEST: USG-190502
SYSTEM THICKNESS: 6 1/8"

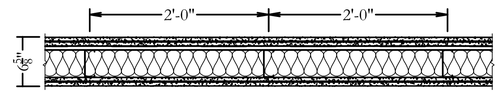



ASSEMBLY OPTIONS:

| | |
|---|---|
| GYPSUM BOARD: | TWO LAYERS 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™) |
| STEEL STUDS: | 3-5/8" STEEL STUDS, EQ25 (0.018"), SPACED 24" O.C. |
| INSULATION: | 3 1/2" GLASS FIBER BATT INSULATION IN CAVITY |
| GYPSUM BOARD: | TWO LAYERS 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™) |

## UL DESIGN NO. U419

FIRE RATING: 2 Hoor
STC: 57
SOUND TEST: USG-161006
SYSTEM THICKNESS: 6 5/8"




ASSEMBLY OPTIONS:

| | |
|---|---|
| GYPSUM BOARD: | TWO LAYERS 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™) |
| RESILIENT CHANNEL: | 1/2" 25 GA. RESILIENT CHANNEL SPACED 24" O.C. (SOUND TESTED WITH RC DELUXE®) |
| STEEL STUDS: | 3-5/8" STEEL STUDS, EQ25 (0.017"), SPACED 24" O.C. |
| INSULATION: | 3 1/2" GLASS FIBER BATT INSULATION IN CAVITY |
| GYPSUM BOARD: | TWO LAYERS 5/8" THICK GYPSUM BOARD (UL TYPE ULIX™) |

| GYPSUM BOARD PROTECTION ON EACH SIDE OF WALL | | | |
|---|---|---|---|
| RATING HR. | MIN. STUD DEPTH IN. | NO OF LAYERS & PANEL THICKNESS | MIN. THICKNESS OF INSULATION |
| 1 | 3-5/8 | (1) LAYER 5/8 IN. THICK | 3-1/2 IN. |
| 2 | 1-5/8 | (2) LAYER 5/8 IN. THICK | OPTIONAL |
| 3 | 1-5/8 | (3) LAYER 5/8 IN. THICK | OPTIONAL |
| 4 | 1-5/8 | (4) LAYER 5/8 IN. THICK | OPTIONAL |

### Fastener Specifications

Type S or S-12 steel screws used to attach panels to studs or furring channels.

Single layer systems:
1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically.

Two layer systems:
First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long or 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer.

Three layer systems:
First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.

Four layer systems:
First layer- 1 in.long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.



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U419 (1 & 2 HOUR NON-LOAD BEARING ASSEMBLIES)

PLAN: UNIT 800
2457 GUM BRANCH RD.
JACKSONVILLE, NC. 28540

FOUNTAIN TAYLOR III
PROFESSIONAL ENGINEER
2135 KINSTON HIGHWAY
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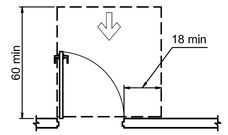
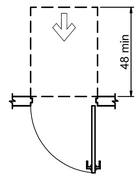
FAX: 910.324.3180
E-MAIL: CONNER_DRAFTING@YAHOO.COM

01/03/22
NORTH CAROLINA PROFESSIONAL SEAL 17699 ENGINEER FOUNTAIN TAYLOR III

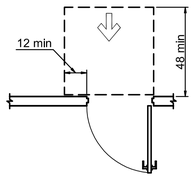
DATE: 01.03.22
SCALE: AS NOTED
DRAWN BY: CDD
FILENAME: 21_007_MATTINGLY, LLOYD_UNIT 800-B.DWG
SHEET: PG. 3



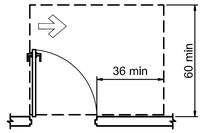

(A)
FRONT APPROACH, PULL SIDE



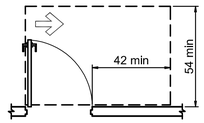

(B)
FRONT APPROACH, PUSH SIDE



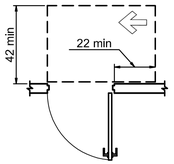

(C)
FRONT APPROACH, PUSH SIDE, DOOR PROVIDED WITH BOTH CLOSER AND LATCH



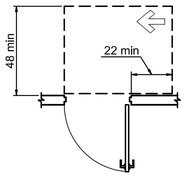

(D)
HINGE APPROACH, PULL SIDE



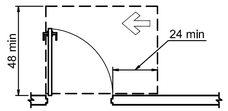

(E)
HINGE APPROACH, PULL SIDE



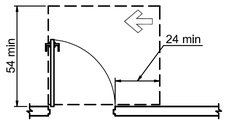

(F)
HINGE APPROACH, PUSH SIDE



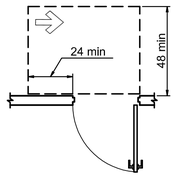

(G)
HINGE APPROACH, PUSH SIDE, DOOR PROVIDED WITH BOTH CLOSER AND LATCH



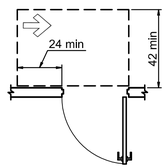

(H)
LATCH APPROACH, PULL SIDE




(I)
LATCH APPROACH, PULL SIDE, DOOR PROVIDED WITH CLOSER

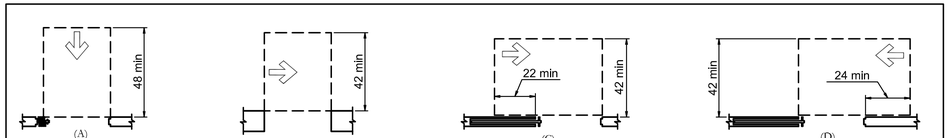



(K)
LATCH APPROACH, PUSH SIDE, DOOR PROVIDED WITH CLOSER




(J)
LATCH APPROACH, PUSH SIDE

FIGURE: 404.2.3.2
MANEUVERING CLEARANCE AT MANUAL SWINGING DOORS




(A)
FRONT APPROACH

(B)
SIDE APPROACH

(C)
POCKET OR HINGE APPROACH

(D)
STOP OR LATCH APPROACH

FIGURE: 404.2.3.3
MANEUVERING CLEARANCE AT SLIDING AND FOLDING DOORS

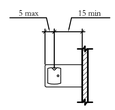
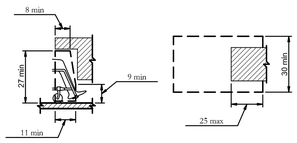


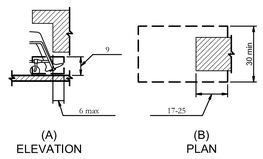

FIGURE: 602.5 A
DRINKING FOUNTAIN SPOUT LOCATION




(A)
ELEVATION

(B)
PLAN

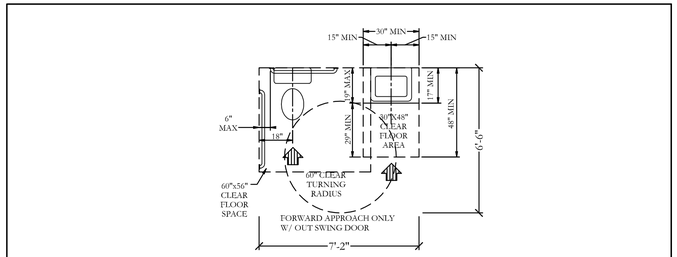
FIGURE: 306.3
KNEE CLEARANCE



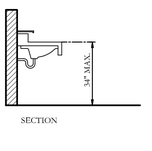

(A)
ELEVATION

(B)
PLAN

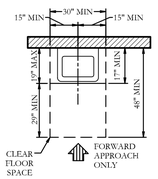
FIGURE: 306.2
TOE CLEARANCE

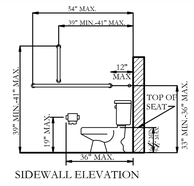



ACCESSIBLE BATHROOM LAYOUT




SECTION




SINKS

TOILET ACCESSORIES

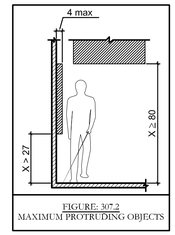



FIGURE: 307.2
MAXIMUM PROTRUDING OBJECTS

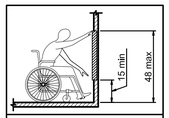



FIGURE: 308.2.1
UNOBSTRUCTED FORWARD REACH

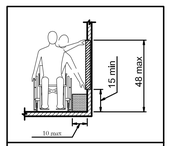



FIGURE: 308.3.1
SIDE REACH, ELEVATION VIEW

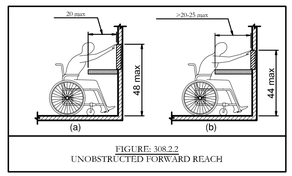
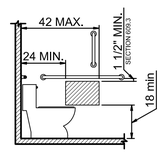
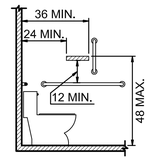
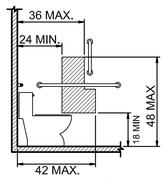



FIGURE: 308.2.2
UNOBSTRUCTED FORWARD REACH




(A)
PROTRUDING DISPENSER BELOW GRAB BAR




(C)
RECESSED DISPENSER

FIGURE: 604.7
DISPENSER OUTLET LOCATION

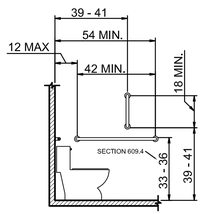



FIGURE: 604.5.1
SIDE WALL GRAB BARS FOR WATER CLOSET

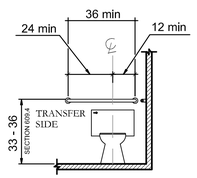



FIGURE: 604.5.2
REAR WALL GRAB BAR FOR WATER CLOSET

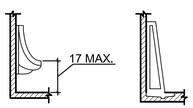



FIGURE: 605.2
HEIGHT OF URINALS

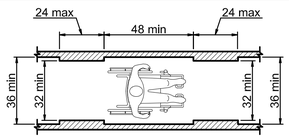



FIGURE: 403.5
CLEAR WIDTH OF AN ACCESSIBLE ROUTE

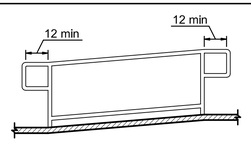



FIGURE: 505.10.1
TOP AND BOTTOM HANDRAIL EXTENSIONS AT RAMPS

IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR BUILDER TO CONFORM TO ALL STANDARDS, PROVISIONS, REQUIREMENTS, METHODS OF CONSTRUCTION AND USES OF MATERIALS PROVIDED IN BUILDINGS AND/OR STRUCTURES AS REQUIRED BY N.C. UNIFORM BUILDING CODE, LOCAL AGENCIES AND IN ACCORDANCE WITH GOOD ENGINEERING PRACTICES.

NEITHER CONNER DRAFTING & DESIGN NOR ANY OF ITS SUB-CONTRACTORS ARE RESPONSIBLE FOR ANY PROBLEMS DUE TO HUMAN ERROR AND/OR OMISSIONS ON THESE DOCUMENTS. IT IS THE OWNER AND/OR CONTRACTORS RESPONSIBILITY TO CAREFULLY REVIEW THESE PLANS FOR ERRORS AND OMISSIONS PRIOR TO CONSTRUCTION. IF ANY PROBLEMS ARE FOUND IN THE REVIEW PLEASE NOTIFY CONNER DRAFTING AND DESIGN PRIOR TO BEGINNING CONSTRUCTION SO ANY REVISIONS CAN BE MADE.

| DATE | REVISIONS |
|---|---|
| | |
| | |
| | |
| | |



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ADA DETAILS

PLAN: UNIT 800
2457 GUM BRANCH RD.
JACKSONVILLE, NC. 28540

CDD
CONNER DRAFTING & DESIGN

FOUNTAIN TAYLOR III
PROFESSIONAL ENGINEER
2135 KINSTON HIGHWAY
RICHLANDS, NC 28574
910.324.3011

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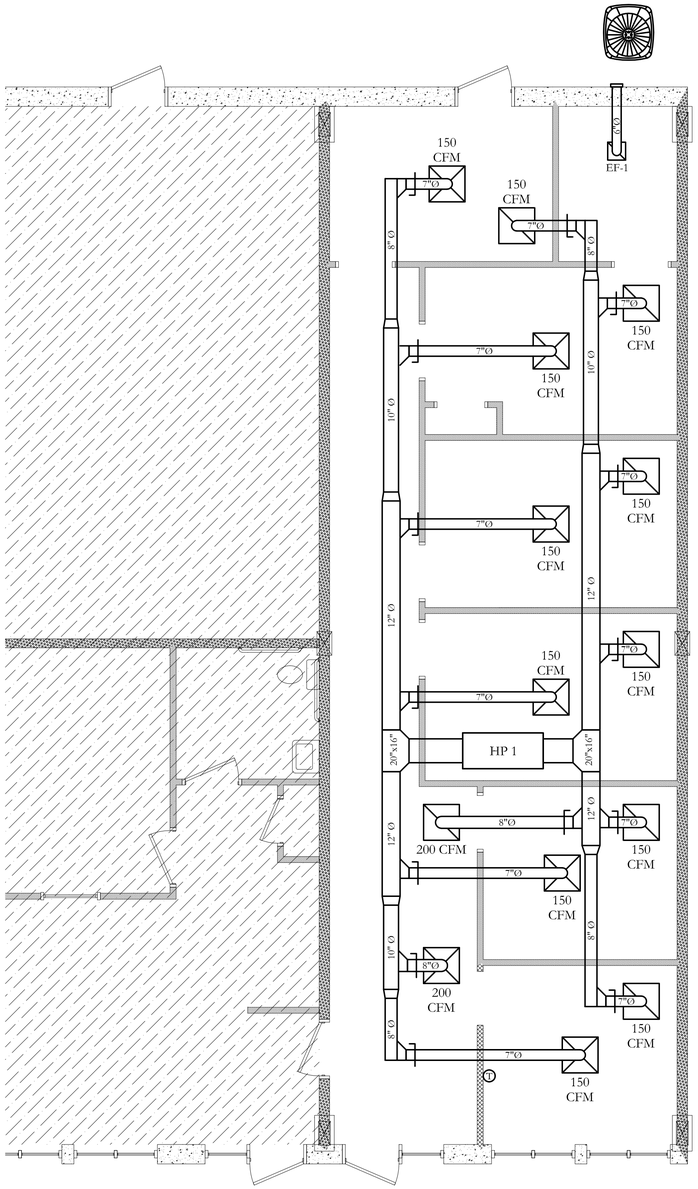
01/03/22

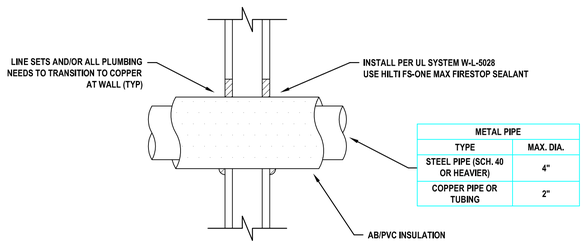
NORTH CAROLINA PROFESSIONAL SEAL 17699 ENGINEER FOUNTAIN TAYLOR III

SHEET: PG: 4

DATE: 01.03.22
SCALE: AS NOTED
DRAWN BY: CDD
FILENAME: 21_007_MATTINGLY_LLOYD_UNIT 800-B.DWG

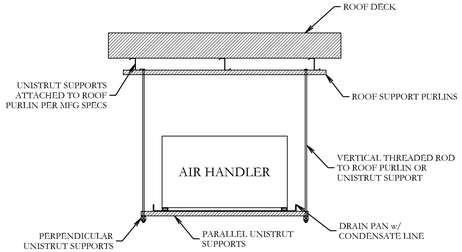



## MECHANICAL PLAN
SCALE ¼" = 1'-0"




| METAL PIPE | |
|---|---|
| TYPE | MAX. DIA. |
| STEEL PIPE (SCH. 40 OR HEAVIER) | 4" |
| COPPER PIPE OR TUBING | 2" |

PIPING THROUGH GYPSUM WALL ASSEMBLY (1-HR.)
NOT TO SCALE



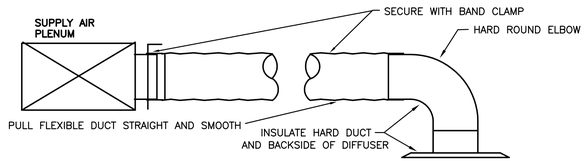

CEILING MOUNTED AIR HANDLER SUPPORT DETAIL
SCALE: NOT TO SCALE

## LEGEND

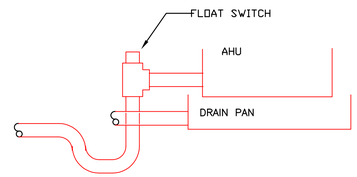
150 CFM — 24"x24" — SUPPLY DIFFUSER GYPSUM CEILING 150 CFM WITH NECK THE SAME SIZE AS THE RUNOUT

Ⓣ — THERMOSTAT

24"x24" — RETURN AIR GRILL




TYPICAL DIFFUSER CONNECTION




CONDENSATE DRAIN DETAIL
NOT TO SCALE

# MECHANICAL COMPLIANCE DATA

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Project: | UNIT 900 | | | | | **MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT** | | | | |
| Address: | | | | | | | | **METHOD OF COMPLIANCE** | | |
| Proposed Use: | BUSINESS | | | | | | | | | |
| Owner/Contact: | | | | | | | Performance X | Prescriptive: | Energy Cost Budget: | |
| Code Enforcement Jurisdiction: | Jacksonville | | | | | | | | | |
| | | | | | | Thermal Zone: 3A | | | | |
| **DESIGNER OF RECORD:** | | | | | | Exterior design conditions | | | | |
| DESIGNER | NAME | | LICENSE # | TELEPHONE# | | | winter dry bulb 22 F | | | |
| | | | | | | | summer 90/78wb F | | | |
| Plumbing | Fountain Taylor | | 17699 | (910) 324-3011 | | Interior design conditions | | | | |
| Mechanical | Fountain Taylor | | 17699 | (910) 324-3011 | | | winter dry bulb 75 F | | | |
| | | | | | | | summer dry bulb 75 F | | | |
| **Thermal Envelope:** | | | | | | | relative humidity 50% | | | |
| | **Method of Compliance:** | | | | | | | | | |
| Prescriptive: | Performance: X | | Energy Cost Budget: | | | Building heating load | 31634 BTU/HR | | | |
| Roof/ceiling Assembly(each assembly) | | | | | | Building cooling load | 33618 BTU/HR | | | |
| Description of Assembly | Filled cavity metal building roof insulation w/ R-5 thermal spacer blocks | | | | | Mechanical Space Conditioning System | | | | |
| U-value of total assembly | 0.03013 | | | | | Unitary | | | | |
| R-value of insulation | R10 + R19 | | | | | description of unit | Split system Heat Pump | | | |
| Skylights in each assembly | none | | | | | heating efficiency | >6.8HSPF | | | |
| U-value of skylight | | | | | | cooling efficiency | >13 SEER | AC | | |
| Total square footage of skylights in each assembly | | | | | | heat output of unit | | 67200 | BTU/HR | |
| Exterior Walls (each assembly) | Metal Framed | | | | | cooling output of unit | | 84000 | BTU/HR | |
| Description of Assembly | | | | | | boiler NA | | | | |
| U-value of total assembly | 0.077558 | | | | | total boiler output. If oversized state reason | | | | |
| R-value of insulation | R13 + R7.5 | | | | | chiller | | | | |
| Openings with glazing | | | | | | total chiller capacity. If oversized state reason | | | | |
| U-value of assembly | 0.5 | | | | | | | | | |
| Shading Coefficient | 0.51 | | | | | List equipment efficiencies | | NA | | |
| Projection factor | | | | | | | | | | |
| Low e required, if applicable | NA | | | | | Equipment schedules with motors (mechanical systems) | | | | NA |
| Door R-values | 2.5 | | | | | motor horspower | | | | |
| | | | | | | number of phases | | | | |
| Walls adjacent to unconditioned space | NA | | | | | minimum efficiency | | | | |
| Description of Assembly | | | | | | motor type | | | | |
| U-value of total assembly | 0.035714 | | | | | # of poles | | | | |
| R-value of insulation | 13 | | | | | | | | | |
| Openings (windows or doors with glazing) | | | | | | | | | | |
| U-value of assembly | | | | | | | | | | |
| Low e required, if applicable | | | | | | | | | | |
| Door R-values | 2.5 | | | | | | | | | |
| | | | | | | | | | | |
| Walls below grade (each assembly) | NA | | | | | | | | | |
| Description of Assembly | | | | | | | | | | |
| U-value of total assembly | | | | | | | | | | |
| R-value of insulation | | | | | | | | | | |
| | | | | | | | | | | |
| Floors over un-conditioned space (each assembly) | NA | | | | | | | | | |
| 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 | No insulation | | | | | | | | | |
| Horizontal/vertical requirement | NA | | | | | | | | | |
| slab heated | No | | | | | | | | | |

| Fresh Air Calculations | | | | | |
|---|---|---|---|---|---|
| Room | Area | Area rate | # People | People rate | Air Flow |
| Business | 1,126 | 0.06 | 5 | 5 | 92.56 |
| | | | | Total | 92.56 |

## CONSTRUCTION NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH NC BUILDING CODE, MECHANICAL GAS AND ENERGY.

2. ALL DUCT SHALL BE INSULATED WITH 2", .75# DENSITY DUCT INSULATION (MIN 5.0R). FLEXIBLE DIFFUSER RUNOUTS LESS THAN 10' MAY BE INSULATED WITH R=3.3. ALL DUCTS SHALL BE SEALED WITH DUCT SEALANT.

3. USE POLYEOFIN (EXPANDED POLYETHYLENE) INSULATION ON THE REFRIGERATION LINES.

4. BALANCE THE AIR FLOW AS INDICATED (APPROXIMATE).

5. PROVIDE 7 DAY PROGRAMMABLE THERMOSTATS. EACH THERMOSTAT SHALL INCLUDE NIGHT SET BACK FOR HEATING. THERMOSTATS SHALL HAVE TEMPORARY OVER-RIDE. UNITS SHALL CLOSE OUTSIDE AIR DAMPER DURING UNOCCUPIED PERIODS.

6. DRAIN CONDENSATE TO ROOF DRAINS OUTSIDE OF BUILDING.

7. PROVIDE MANUAL CONTROL TO STOP SUPPLY FAN IN EMERGENCY. ALL UNITS EQUIPPED WITH DUCT DETECTOR SHALL SHUTDOWN AND CLOSE ALL UNITS EQUIPPED WITH DUCT DETECTOR SHALL SHUTDOWN AND CLOSE OUTSIDE AIR DAMPER ON A SIGNAL FROM DUCT DETECTOR.

8. DUCT SHOWN ON DRAWINGS IS SCHEMATIC AND DIAGRAMMATIC. FIELD VERIFY EXISTING CONDITIONS PRIOR TO FABRICATION OF DUCT.

| UNIT # | LOCATION | EQUIPMENT TYPE | NOMINAL COOLING | MIN. RESISTANCE | HEATING TOTAL AIR CFM | OUTDOOR CFM | SMOKE DETECTOR REQUIRED | ELECTRIC CHARACTERISTICS | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| HP 1 | CEILING | HEAT PUMP | 3 TON | 5 KW | 1200 | 150 | NO | 208/1 | 12" OUTSIDE AIR WALL INTAKE MOTORIZED DAMPER |
| EF 1 | CEILING | CABINET CENTRIFUGAL EXHAUST FAN | | | 100 @ .25 | | | 120V/1 | SWITCH W/ LIGHT, 4" DUCT, BACKDRAFT DAMPER |

| DATE | REVISIONS |
|---|---|
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| | |

IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR BUILDER TO CONFORM TO ALL STANDARDS, PROVISIONS, REQUIREMENTS, METHODS OF CONSTRUCTION AND USES OF MATERIALS PROVIDED IN BUILDINGS AND/OR STRUCTURES AS REQUIRED BY N.C. UNIFORM BUILDING CODE, LOCAL AGENCIES AND IN ACCORDANCE WITH GOOD ENGINEERING PRACTICES.

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MECHANICAL PLAN

PLAN: UNIT 800
2457 GUM BRANCH RD.
JACKSONVILLE, NC. 28540

MARSHBURN ENGINEERING
457 FOY LOCKAMY ROAD
JACKSONVILLE, NC 28540

CDD
CONNER DRAFTING + DESIGN
P.O. BOX 617
RICHLANDS, NC. 28574
PHONE: 910.324.2879
FAX: 910.324.3180
E-MAIL: CONNER_DRAFTING@YAHOO.COM

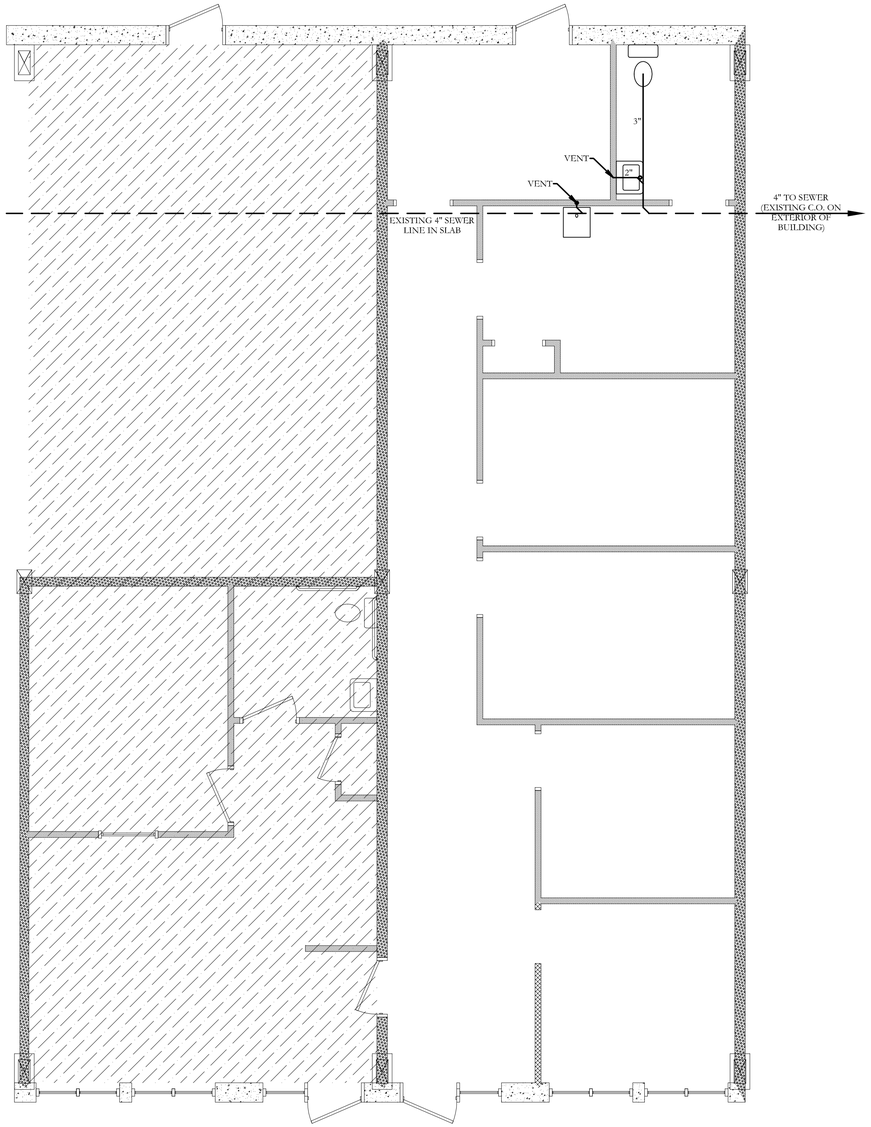
01/03/22

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 17699 FOUNTAIN TAYLOR III

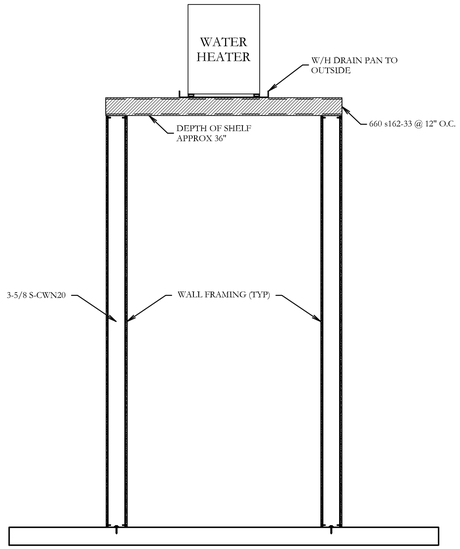


SHEET: PG. 5

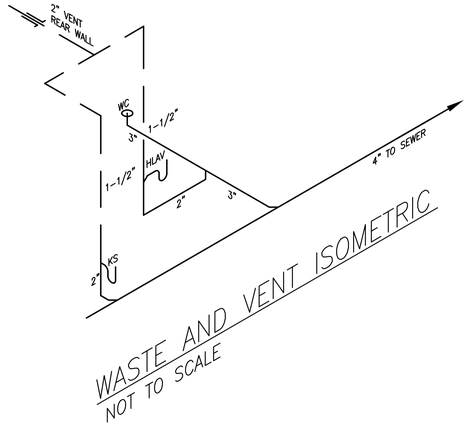
DATE: 01.03.22 | SCALE: AS NOTED | DRAWN BY: CDD | FILENAME: 21_007_MATTINGLY, LLOYD_UNIT 800-B.DWG




PLUMBING PLAN
SCALE ¼" = 1'-0"

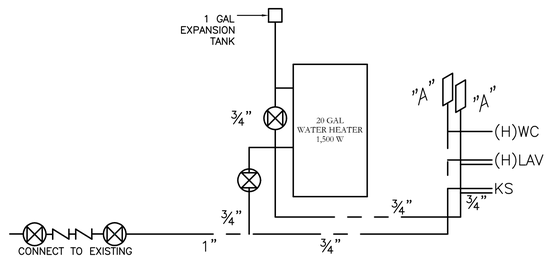



WATER HEATER SUPPORT
SCALE: NO SCALE




WASTE AND VENT ISOMETRIC
NOT TO SCALE

| LEGEND | |
|---|---|
| | WASTE PIPE |
| | VENT PIPE |
| | DOMESTIC COLD WATER |
| | DOMESTIC HOT WATER |
| | AIR ADMITTANCE VALVE ("STUDER VENT") |
| HB | HOSE BIBB |
| CO | CLEAN OUT |
| "A" | WATER HAMMER ARRESTER SIZED PER PDI |
| V | VENT LOCATION |
| | DOUBLE CHECK TYPE BACKFLOW PREVENTER ASSEMBLY |




HOT & COLD RISER DIAGRAM
NOT TO SCALE

| PLUMBING EQUIPMENT SCHEDULE | | | | | | | |
|---|---|---|---|---|---|---|---|
| ITEM | DESCRIPTION | CW | HW | WASTE | IW | GAS | REMARKS |
| WH | WATER HEATER | 1-1/4" | 1-1/4" | | | | 4500 W 40 GAL |
| KS | KITCHEN SINK | 1/2" | 1/2" | 2" | | | 12" DIA CAST IRON |
| (H)LAV | (HANDICAP) LAVATORY | 1/2" | 1/2" | 1-1/2" | | | 0.5 GPM MAX |
| (H)WC | (HANDICAP) WATER CLOSET | 1/2" | | 3" | | | 1.6 GAL PER FLUSH |

| DATE | REVISIONS |
|---|---|
| | |
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| | |

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PLUMBING PLAN

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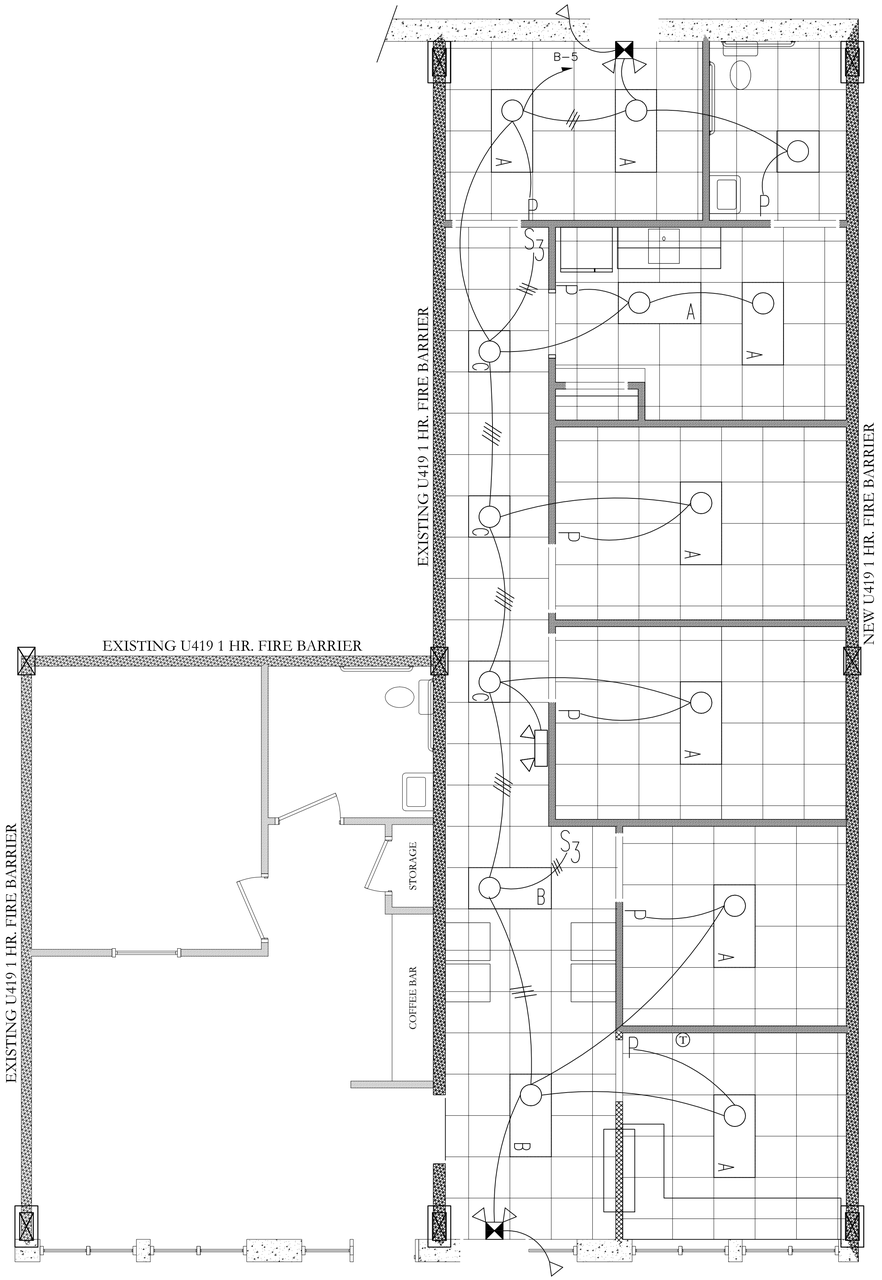
E-MAIL: CONNER_DRAFTING@YAHOO.COM

MARSHBURN ENGINEERING
457 FOY LOCKAMY ROAD
JACKSONVILLE, NC 28540

DATE: 01.03.22
SCALE: AS NOTED
DRAWN BY: CDD
FILENAME: 21_007_MATTINGLY, LLOYD_UNIT 800-B.DWG

01/03/22
NORTH CAROLINA PROFESSIONAL SEAL 17699 ENGINEER

SHEET:
PG: 6




GRAPHIC SCALE

0'1'2'3'4'5'6'7'8'9'10'

LIGHTING FLOOR PLAN

# SYMBOL LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| O A | LED LUMINAIRE: FIXTURE MARK INDICATES TYPE.<br>TYPE 'A' – LED TROFFER 2'X4', RECESSED CEILING MOUNTED LUMINAIRE, 40 W LED, 5600 LU, 5K, 120V.<br>TYPE 'B' – LED TROFFER 2'X4', RECESSED CEILING MOUNTED LUMINAIRE, 29 W LED, 4080 LU, 5K, 120V.<br>TYPE 'C' – LED TROFFER 2'X2', RECESSED CEILING MOUNTED LUMINAIRE, 20 W LED, 3200 LU, 5K, 120V. |
| | CEILING MOUNTED FAN/LUMINAIRE – 150 CFM, W/ 13 WATT LED LAMP, 120 VOLT. |
| | EXIT SIGN UNIT: LED TYPE, 120V, 2–12W LAMP HEADS, SURFACE OR WALL MOUNTED NEAR CEILING OVER DOORWAY |
| | COMBINATION EXIT SIGN W/EMERGENCY LIGHTING UNIT: LED TYPE, 120V, 2–12W LAMP HEADS, REMOTE HEAD CAPABLE, SURFACE WALL MOUNTED NEAR CEILING OVER DOORWAY |
| | REMOTE EMERGENCY LIGHTING UNIT – WEATHERPROOF UNIT, SURFACE WALL MOUNTED NEAR EAVE. |
| | EMERGENCY LIGHTING UNIT – 2–12W LAMP HEADS, 120V, SURFACE WALL MOUNTED NEAR CEILING |
| S | TOGGLE SWITCH – 20A, 120V, SINGLE POLE |
| $S_3$ | TOGGLE SWITCH – 3–WAY, 20A, 120V |
| P | OCCUPANCY SENSOR – , 600W, 120V |
| | PANELBOARD – SEE SCHEDULE SHEET E–2 |
| | DUPLEX RECEPTACLE OUTLET – 20A, 120V, 18" AFF. |
| | QUADRAPLEX RECEPTACLE OUTLET – 20A, 120V, 18" AFF. |
| GFI | GFCI DUPLEX RECEPTACLE OUTLET – 20A, 120V |
| | SPECIAL RECEPTACLE – PROVIDE CORD & PLUG TO MATCH. |
| | TELE/DATA CONNECTION – SEE DETAIL THIS SHEET. |
| WP | WEATHERPROOF GFI DUPLEX RECEPTACLE OUTLET – 20A, 120V W/WHILE–IN–USE COVER |
| ACCU | AIR COOLED CONDENSING UNIT CONNECTION – SEE MECHANICAL SHEET FOR EXACT LOCATION & POWER RISER DIAGRAM SHEET E–2 FOR ELECTRICAL DETAILS |
| AHU | AIR HANDLING UNIT – SEE MECHANICAL SHEET FOR EXACT LOCATION & POWER RISER DIAGRAM SHEET E–2 FOR ELECTRICAL DETAILS |
| EF | EXHAUST FAN – SEE MECHANICAL DRAWINGS FOR DETAILS & EXACT LOCATION. |
| WH | WATER HEATER – SEE POWER RISER DIAGRAM SHEET E–1 FOR DETAILS & MECHANICAL SHEETS FOR EXACT LOCATON. |

| REVISIONS | BY |
|---|---|
| | |
| | |
| | |



NORTH CAROLINA PROFESSIONAL SEAL 024505 ENGINEER JOHN H.W. TRIPP

12–13–21

Approved
JACKSONVILLE N.C.
File Number: BP21-00002703
Approval Date: 01/10/22

## DESIGN CALCULATIONS

### 208Y/120 VOLT 3ϕ

OFFICE

| | | |
|---|---|---|
| 1237 SQ/FT x 3.5VA x 1.25 | = | 5.4 KVA |
| RECPTS X 11 X 180 | = | 2.0 KVA |
| SMALL APPLIANCE | = | 3.0 KVA |
| HVAC | = | 20.0 KVA |
| CALCULATED LOAD | | 30.4 KVA |
| 208Y/120 VOLT 3ϕ PHASE AMPACITY | = | 146.1 AMPERES |

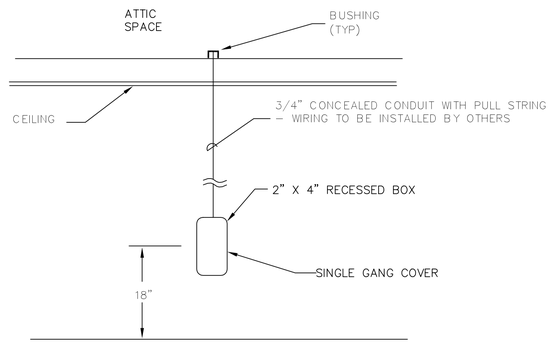
## ENERGY COMPLIANCE – OFFICE

MAXIMUM ALLOWED LIGHTING POWER FOR OFFICE
1237 x .820 = 1014 W

DESIGNED LIGHTING POWER LOAD
8 TYPE 'A' FLAT PANEL LED LUMINAIRES @ 39 W EA = 312 W
2 TYPE 'B' FLAT PANEL LED LUMINAIRES @ 29 W EA = 58W
3 TYPE 'C' FLAT PANEL LED LUMINAIRES @ 30 W EA = 90 W
1 BATHROOM LED LUMINAIRE @ 13 W EA = 13 W

TOTAL DESIGNED LIGHTING POWER LOAD = 450 W

EXTERIOR LIGHTING BY OTHERS




TELEPHONE/LAN OUTLET DETAIL (TYPICAL)
NO SCALE

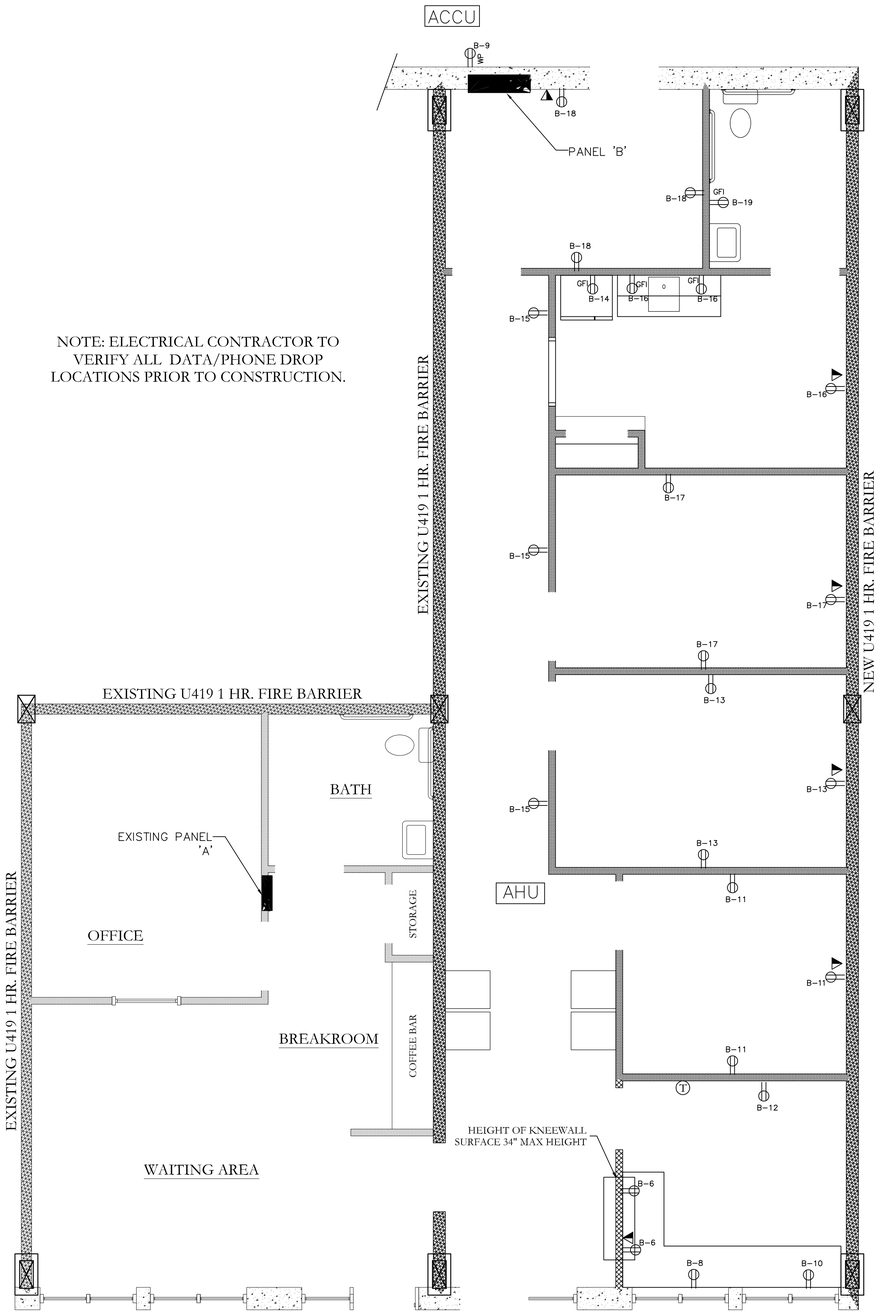
DESIGNED BY
JOHN H. W. TRIPP
ELECTRICAL ENGINEER
102 NAN ST. RICHLANDS
N.C. 28574 910–324–4360

UNIT 800
2457 GUM BRANCH RD
JACKSONVILLE, NC 28540

DESIGN FOR:

DATE: 12–13–21
SCALE: AS NOTED
DRAWN: JT
FILE: OFFICE–E1

SHEET
E–1




NOTE: ELECTRICAL CONTRACTOR TO VERIFY ALL DATA/PHONE DROP LOCATIONS PRIOR TO CONSTRUCTION.

GRAPHIC SCALE

0'1'2'3'4'5'6'7'8'9'10'

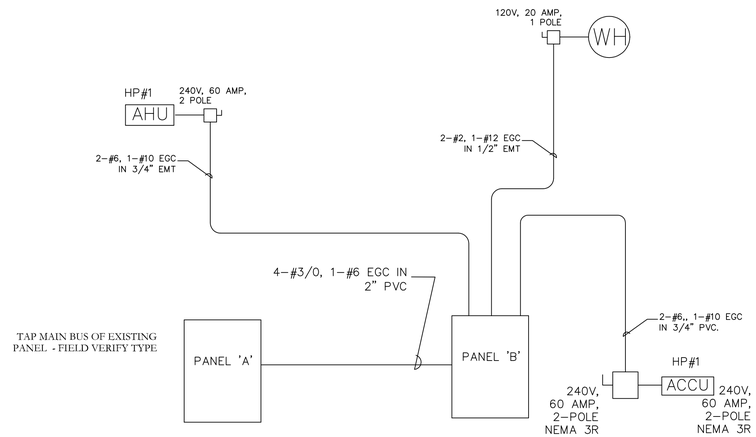
POWER/IT FLOOR PLAN

## PANELBOARD "c" SCHEDULE

| LOAD SERVED | WIRE SIZE | TRIP POLE | CKT NO. | KVA/PHASE A | KVA/PHASE B | KVA/PHASE C | CKT NO. | TRIP POLE | WIRE SIZE | LOAD SERVED |
|---|---|---|---|---|---|---|---|---|---|---|
| HP1 AHU | #8 | 60/2 | 1 | | | | 2 | 45/2 | #10 | HP1 ACCU |
| | #8 | | 3 | | | | 4 | | #10 | |
| LIGHTS | #12 | 20A/1 | 5 | | | | 6 | 20A/1 | #12 | RECEPTACLE |
| SIGN | #12 | 20A/1 | 7 | | | | 8 | 20A/1 | #12 | RECEPTACLE |
| WP RCPT | #12 | 20A/1 | 9 | | | | 10 | 20A/1 | #12 | RECEPTACLE |
| RECEPTACLE | #12 | 20A/1 | 11 | | | | 12 | 20A/1 | #12 | RECEPTACLE |
| RECEPTACLE | #12 | 20A/1 | 13 | | | | 14 | 20A/1 | #12 | RECEPTACLE |
| RECEPTACLE | #12 | 20A/1 | 15 | | | | 16 | 20A/1 | #12 | RECEPTACLE |
| RECEPTACLE | #12 | 20A/1 | 17 | | | | 18 | 20A/1 | #12 | RECEPTACLE |
| RECEPTACLE | #12 | 20A/1 | 19 | | | | 20 | 20A/1 | #12 | RECEPTACLE |
| SPACE | – | – | 21 | | | | 22 | – | – | SPACE |
| | – | – | 23 | | | | 24 | – | – | |
| | – | – | 25 | | | | 26 | – | – | |
| | – | – | 27 | | | | 28 | – | – | |
| | – | – | 27 | | | | 30 | – | – | |

208Y/120 VOLT, 100 AMP MLO, 3 ø, 4–WIRE, FLUSH MOUNTED LOCKABLE ENCLOSURE, 10KAIC MIN.

PANEL 'B'




POWER RISER DIAGRAM

| REVISIONS | BY |
|---|---|
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| | |
| | |



NORTH CAROLINA PROFESSIONAL SEAL 024505 ENGINEER JOHN H.W. TRIPP

12-13-21

Approved JACKSONVILLE N.C. File Number: BP21-00002703 Approval Date: 01/10/22 CAMP LEJEUNE MCAS NEW RIVER

DESIGNED BY
JOHN H. TRIPP
ELECTRICAL ENGINEER
102 NAN ST. RICHLANDS
N.C. 28574 910-324-4360

UNIT 800
2457 GUM BRANCH RD
JACKSONVILLE, NC 28540

DESIGN FOR:

DATE: 12-13-21
SCALE: AS NOTED
DRAWN: JT
FILE:OFFICE-E2

SHEET
E-2