

RENOVATIONS TO:

DURHAM
ADMINISTRATION
BUILDING
200 E. MAIN ST.

EMERGENCY
EGRESS
UPGRADES
Durham, NC

PROJECT NUMBER:
25005

DTW
Architects &
Planners, Ltd.
3333 Durham-Chapel Hill Blvd
Suite D-100
Durham, NC 27707
919.317.4020

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Sheet
Of

T0

DURHAM COUNTY ADMINISTRATION BUILDING EGRESS UPGRADES

DURHAM, NORTH CAROLINA

100% CONSTRUCTION DRAWINGS FOR BIDDING

AUGUST 30, 2026

DESIGN TEAM

ARCHITECTURAL
ELECTRICAL

DTW ARCHITECTS & PLANNERS, LTD.
EDMONDSON ENGINEERS, P.A.

DRAWING INDEX

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REVIEWERS APPROVAL STAMP:

PROJECT DESCRIPTION

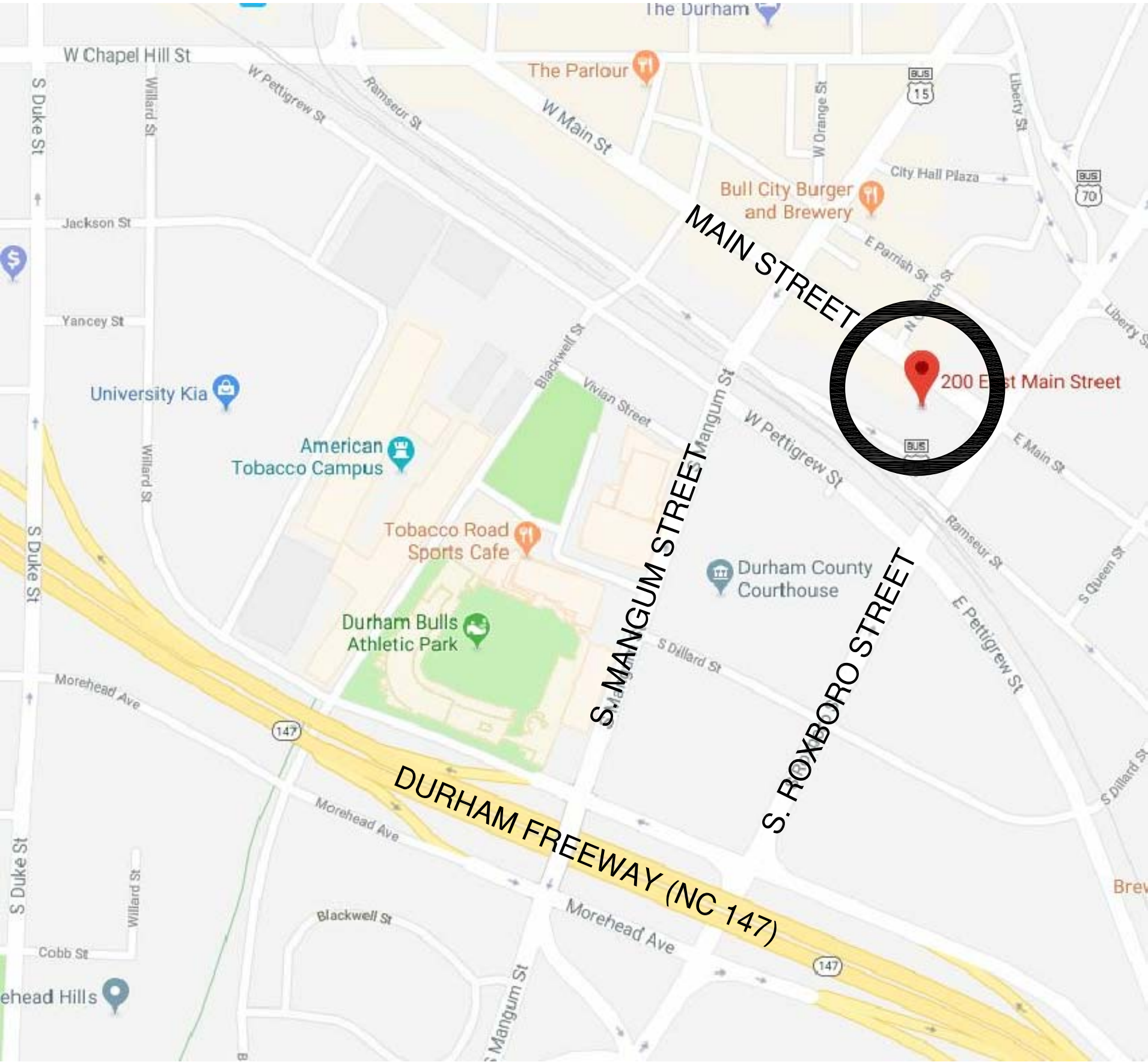
THIS PROJECT ENCOMPASSES MINOR INTERIOR RENOVATIONS OF (8) FLOORS: GARAGE, GROUND, AND 1ST THROUGH 5TH FLOORS, INCLUDING 4TH FLOOR MEZZANINE. THERE IS NO SITE WORK.

RENOVATION WORK ON EACH FLOOR INCLUDES:
CHANGING DOOR HARDWARE/ ELECTRONIC LOCKS,
CHANGING EXIT SIGNS, AND
SHOWING DOORS THAT MUST REMAIN UNLOCKED AT ALL TIMES,

IT ALSO INCLUDES ADDING A PERSON-DOOR IN THE GARAGE.

NOTE

THIS PROJECT WILL REQUIRE COORDINATION W/ A SECURITY UPGRADE PROJECT THAT WILL OCCUR AT THE SAME TIME AS THIS PROJECT.



LOCATION MAP

APPENDIX B
2018 BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(EXCEPT ONE AND TWO-FAMILY DWELLINGS AND TOWNHOUSES)

Name of Project: DURHAM COUNTY ADMINISTRATION BUILDING/ EGRESS UPGRADES
Address: 200 E. MAIN STREET, DURHAM, NC Zip Code 27701
Owner or Auth. Agent: PERI MANN'S Phone # (919) 569-7396 Email PManns@dcconc.gov
Owned By: ☒ City/County ☐ Private ☐ State
Code Enforcement Jurisdiction: ☒ City DURHAM ☐ County ☐ State

CONTACT: J. PAUL YOUNG, AIA
DESIGNER FIRM NAME LICENSE # TELEPHONE # EMAIL
Architectural DTW Architects & Planners, Ltd P. YOUNG, AIA 11388 919.317.4020 PYoung@DTWArch.com
Civil Edmondson Engineers, P.A. J.D. HAYES 028869 919.544.1936 Dennis.Hayes@EdmondsonEngineers.com
Electrical Edmondson Engineers, P.A. J.D. HAYES 028869 919.544.1936 Dennis.Hayes@EdmondsonEngineers.com
Fire Alarm Edmondson Engineers, P.A. J.D. HAYES 028869 919.544.1936 Dennis.Hayes@EdmondsonEngineers.com
Plumbing
Mechanical
Sprinkler
Structural
Rel. Walls >5' High
Other/Security

2018 BUILDING CODE: ☐ New Building ☐ Shell/Core ☐ 1st Time Interior Completions
☐ Addition ☐ Phased Construction-Shell Core

2018 NC EXISTING BUILDING CODE: ☐ Prescriptive ☒ Alteration - Lvl 1 ☐ Historic Property
(check all that apply) ☐ Repair ☐ Alteration - Lvl 2 ☐ Change of Use
☐ Chapter 14 ☐ Alteration - Lvl 3

CONSTRUCTED: 1916 & 1989 CURRENT USE(S): (Ch. 3): OFFICES
RENOVATED: 1989 PROPOSED USE(S): (Ch. 3): OFFICES
OCCUPANCY CATEGORY (Table 504.5): Current: BUSINESS II Proposed: BUSINESS II

BASIC BUILDING DATA
Construction Type: (check all that apply) ☐ I-A ☐ II-A ☐ III-A ☐ IV ☐ V-A
☒ I-B ☐ II-B ☐ III-B ☐ V-B
Sprinklers: ☒ No ☐ Partial ☐ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
Standpipes: ☐ No ☐ Class ☐ I ☐ II ☒ III ☐ Wet ☐ Dry
Primary Fire District: ☐ No ☒ Yes Flood Hazard Area: ☒ No ☐ Yes
Special Inspections Required: ☒ No ☐ Yes

GROSS BUILDING AREA TABLE
FLOOR EXISTING (SQ FT) RENOVATED (SQ FT) NEW (SQ FT) SUB-TOTAL
5th Floor 11,232 1,294 -0- 11,232
4th Floor Mezzanine 8,183 8,183 -0- 8,183
4th Floor 11,232 11,232 -0- 11,232
3rd Floor 18,187 18,187 -0- 18,187
2nd Floor 18,187 18,187 -0- 18,187
1st Floor 18,187 18,187 -0- 18,187
Ground floor 19,596 12,353 -0- 19,596
TOTAL 104,804 87,623 -0- 104,804
NOTE: MINIMAL RENOVATIONS ON EACH FLOOR.

ALLOWABLE AREA
Primary Occupancy Classification (s):
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 Defflagrate ☐ H-3 Combust ☐ H-4 Health ☐ H-5 HPM
Institutional ☐ I-1 ☐ I-2 ☐ I-3
I-3 Condition ☐ 1 ☐ 2
I-2 Condition ☐ 1 ☐ 2
I-3 Condition ☐ 1 ☐ 2 ☐ H-3 Combust ☐ H-4 Health ☐ H-5 HPM
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 Misc. ☐
Accessory Occupancies Classification(s): A-3
Incidental Uses (Table 509): BOILER ROOM
This separation is not exempt as a Non-separated Use (see exceptions).
Special Uses (Chapter 4 - List Code Sections):
Special Provisions (Chapter 5 - List Code Sections):
Max Occupancy: ☐ No ☒ Yes Separation: Hr. Exception: 508.3.2
☒ Non-separated Use (508.3)
☐ Separated Use (508.4)--See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

Actual Area of Occupancy A + Actual Area of Occupancy B <= 1
Allowable Area of Occupancy A + Allowable Area of Occupancy B + ... = <= 1.00

STORY NO.	DESCRIPTION AND USE	(A) BLDG. AREA PER STORY (ACTUAL)	(B) TABLE 506.2 AREA	(C) AREA FOR FRONTAGE INCREASE 1.5	(D) ALLOWABLE AREA PER STORY OR UNLIMITED* 3
GROUND	OFFICE	19,596	UNLIMITED		UNLIMITED
1	OFFICE	18,187	UNLIMITED		UNLIMITED
2	OFFICE	18,187	UNLIMITED		UNLIMITED
3	OFFICE	18,187	UNLIMITED		UNLIMITED
4	OFFICE	11,232	UNLIMITED		UNLIMITED
4 MEZZ*	OFFICE	8,183	UNLIMITED		UNLIMITED
5	OFFICE	11,232	UNLIMITED		UNLIMITED

*NOTE 4 MEZZ IS NOT A MEZZANINE OPEN TO ANY OTHER FLOOR.
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)
2. Unlimited area applicable under conditions of Sections 507.
3. Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2).
4. The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1.
5. Frontage Increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT
Building Height In Feet (Table 504.3) 160
Building Height In Stories (Table 504.4) 11
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 RECD PROVIDED (W/REDUCTION) DETAIL# AND SHEET# DESIGN# FOR RATED ASSEMBLY SHEET# FOR RATED PENETRATION SHEET# FOR RATED JOINTS
Structural Frame, Including Columns, Girders, Trusses 3 HR** N/A UL-N715
Bearing walls 3 HR N/A
Exterior 3 HR N/A
North 3 HR N/A
East 3 HR N/A
West 3 HR N/A
South 3 HR N/A
Interior 3 HR N/A
Nonbearing Walls and Partitions 1 HR N/A
Exterior 1 HR N/A
North 1 HR N/A
East 1 HR N/A
West 1 HR N/A
South 1 HR N/A
Interior walls and partitions 0 N/A
Floor construction Including supporting beams and Joists 2 HR N/A UL-N771
Floor Ceiling Assembly 2 HR UL-N771
Columns Supporting Floors 3 HR**
Roof construction Including supporting beams and Joists 1-1/2 HR N/A
Roof Ceiling Assembly EXISTING
Columns Supporting Roof 3 HR**
Shafts Enclosures - Exit 2 HR 2 HR EXISTING
Shafts Enclosures - Other 2 HR 2 HR EXISTING
Corridor Separation 0 N/A
Occupancy/Fire Barrier Separation 0 N/A
Party/Fire Wall Separation 0 N/A
Smoke Barrier Separation 0 N/A
Smoke Partition 0 N/A
Tenant/Dwelling Unit/ Sleeping Unit Separation N/A N/A
Incidental Use Separation BOILER ROOM 2 HR 2 HR EXISTING
*Indicate section number permitting reduction
**EXISTING RATINGS PER 1992 DRAWINGS ARE: COLUMNS = 3HRS, BEAMS = 2HRS PER UL-N715, & GIRDERS = 3HRS.

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 (%)
15 UNPROTECTED NONSPRINKLERED 25 16

LIFE SAFETY SYSTEM REQUIREMENTS
Emergency Lighting: ☒ Yes ☐ No
Exit Signs: ☒ Yes ☐ No
Fire Alarm: ☒ Yes ☐ No
Smoke Detection Systems: ☒ Yes ☐ No
Carbon Monoxide Detection: ☒ Yes ☐ No
LIFE SAFETY PLAN REQUIREMENTS
Life Safety Plan Sheet #: T2, T3, T4, T5, T6, T7, T8
☒ 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 occupancy load calculations (Table 1004.1.2)
☒ Occupant loads for each area
☒ Exit access travel distances (1017)
☒ Common path of travel distances [Table 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 (102)
☐ The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
☐ Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS
(SECTION 1107)
TOTAL UNITS ACCESSIBLE UNITS REQUIRED ACCESSIBLE UNITS PROVIDED TYPE A UNITS REQUIRED TYPE A UNITS PROVIDED TYPE B UNITS REQUIRED TYPE B UNITS PROVIDED TOTAL ACCESSIBLE UNITS PROVIDED
TOTAL N/A

ACCESSIBLE PARKING
(SECTION 1108)
TOTAL # OF PARKING SPACES TOTAL # OF ACCESSIBLE SPACES PROVIDED TOTAL # OF ACCESSIBLE SPACES REQUIRED TOTAL # OF ACCESSIBLE SPACES WITH 8' ACCESSIBLE TOTAL # ACCESSIBLE PROVIDED
LOT OR PARKING AREA REQUIRED PROVIDED N/A

PLUMBING FIXTURE REQUIREMENTS
(TABLE 2902.1)
BUSINESS USE
USE WATER CLOSETS URINALS LAVATORIES SHOWERS/TUBS DRINKING FOUNTAINS
SPACE EXISTING 7 24 2 14 14 14 2 0 7 0
NEW 7* 14** 0** 8* 7 13 6 0 7 7
REQUIRED 12* 16** 0 0 6 6 0 0 3 3
* MALE WATER CLOSETS PLUS URINALS MEET REQUIRED TOTAL.
** (2) UNISEX WATER CLOSETS COUNT TOWARD REQUIRED TOTAL FOR FEMALES.

SPECIAL APPROVALS
Special approval: (Local Jurisdiction, Department of Insurance, OSC, 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 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 versus the annual energy cost for the proposed design.
Existing building envelope complies with code: (If checked, the remainder of this section is not applicable.)
Exempt Building: ☐ Provide code or statutory reference:
Climate Zone: ☐ 3A ☒ 4A ☐ 5A
Method of Compliance:
Energy Code: ☐ Performance ☒ Prescriptive
ASHRAE 90.1: ☐ Performance ☐ Prescriptive
Other: ☐ Performance (specify source)
THERMAL ENVELOPE: (Prescriptive method only)
Roof/Ceiling Assembly (each assembly) EXISTING
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) EXISTING
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 EXISTING
Walls below grade (each assembly) N/A
Description of assembly EXISTING
U-Value of total assembly
R-Value of insulation
Floors over unconditioned space (each assembly) N/A
Description of assembly EXISTING
U-Value of total assembly
R-Value of insulation
Floors slab on grade EXISTING
Description of assembly
U-Value of total assembly
R-Value of insulation
Slab heated

STRUCTURAL DESIGN
DESIGN LOADS:
Importance Factors: Wind (W) Snow (S) Seismic (S)
Live Loads: Roof 20 psf Mezzanine N/A psf Floor 100/80 psf
Ground Snow Load: 15 psf
Wind Load: Basic Wind Speed 115 mph (ASCE-7) Exposure Category B
SEISMIC DESIGN CATEGORY:
Provide the following Seismic Design Parameters:
Risk Category (Table 1604.5) I II III IV
Spectral Response Acceleration Ss 0.21 %g S1 0.8 %g
Site Classification (ASCE 7) A B C D E F
Data Source: ☐ Field Test ☒ Presumptive ☐ Historical Data
Basic structural system (check one)
☐ Bearing Wall ☐ Dual w/ Special Moment Frame
☒ Building Frame ☐ Dual w/ Intermediate R/C or Special Steel
☐ Moment Frame ☐ Inverted Pendulum
Analysis Procedure: ☐ Simplified ☒ Equivalent Lateral Force ☐ Dynamic
Architectural, Mechanical, Components anchored? ☐ Yes ☒ No
Seismic base shear: Vx = Vy =
LATERAL DESIGN CONTROL: ☒ Earthquake ☐ Wind
SOIL BEARING CAPACITIES:
Field Test (provide copy of test report) Presumptive Bearing capacity 2000 psf
Pile size, type, and capacity N/A

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
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 the fixture
Total wattage per fixture
Total interior wattage specified vs. allowed
Total exterior wattage specified vs. allowed
Additional Prescriptive Compliance
☐ 506.2.1 More Efficient Mechanical Equipment
☐ 506.2.2 Reduced Maximum Power Density
☐ 506.2.3 Energy Ventilation Systems
☐ 506.2.4 Higher Efficiency Service Water Heating
☐ 506.2.5 On-site Supply of Renewable Energy
☐ 506.2.6 Automatic Daylighting Control Systems

ABBREVIATIONS
ALT. alternate
ALUM. aluminum
APPR. approximate
BD. board
BLDG. building
B.U.R. built up roof
C.J. control joint
CLG. ceiling
CLR. clear
C.M.U. concrete masonry unit
COL. column
CONC. concrete
CONT. continuous
CONTR. contractor
C.T. ceramic tile
DIM. dimension
DN. down
DS. downspout
DWG. drawing
EA. each
E.J. expansion joint
EL. or ELEV. elevation
ELEC. electrical
EQ. equal
E.W.C. electric water cooler
EXIST. existing
EXP. expansion
F.D. floor drain
FIN. finish
FL. floor
F.O.B. face of brick
F.O.C. face of concrete
F.O.M. face of masonry
GA. gauge
GALV. galvanized
G.B. grab bar
GL. glass
GYP. gypsum
H.M. hollow metal
HT. height
INSUL. insulation
INV. invert
JT. joint
LAM. laminate
LAV. lavatory
LTL. intel
LT. WT. light weight
MAG. magnetic
MAS. masonry
MAX. maximum
MECH. mechanical
MIN. minimum
M.O. masonry opening
M.R. moisture resistant
M.T. metal
MTL. or MET. metal
N.I.C. not in contract
N.T.S. not to scale
O.C. on center
OPN'G opening
OPP. opposite
PART'N. partition
PL. plate
PLYW'D. plywood
PREFIN. pre-finish
PT. point
PWR. power
R.A.G. return air grill
R.D. roof drain
REF. reference
REINF. reinforced
REQ'D. required
RM. room
RW. L. rainwater leader
SIM. similar
S. STL. stainless steel
STL. steel
STRUCT. structural
SUSP. suspended
TH'LD. threshold
TYP. typical
V.C.T. vinyl composition tile
V.I.F. verify in field
V.W.C. vinyl wall covering
WD. wood
W/ with

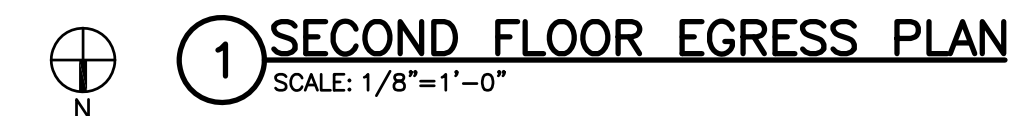
SYMBOLS AND NOTATIONS
NAME AREA NAME AREA NUMBER DOOR TYPE OR NUMBER DRAWING NUMBER SHEET NUMBER ELEVATION NUMBER & DIRECTION OF VIEW SHEET NUMBER SECTION NUMBER & DIRECTION OF VIEW SHEET NUMBER DETAIL NUMBER SHEET NUMBER COLUMN LINE NUMBER EQUIPMENT TYPE OR NUMBER CASEWORK TYPE OR NUMBER
CONCRETE MASONRY BRICK CONCRETE PLYWOOD FINISH WOOD BATT INSULATION RIGID INSULATION PLASTER, GYP. BD. EARTH

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J. PAUL YOUNG II REGISTERED ARCHITECT NORTH CAROLINA 11388 7/30-2026
DTW ARCHITECTS AND PLANNERS, LTD. REGISTERED ARCHITECTURAL FIRM NORTH CAROLINA CERT. NO. 162

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SCALE: 1/8"=1'-0"

3



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EXISTING EGRESS PLAN:
THIRD FLOOR

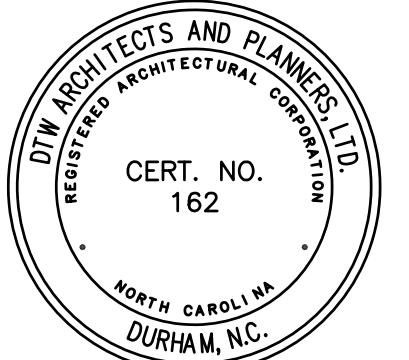
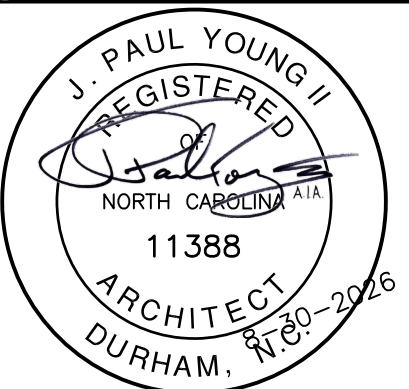
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LEGEND

— EXISTING WALL

— NEW WALL

FIRE PROTECTION LEGEND

— 1 HOUR FIRE BARRIER

— 2 HOUR FIRE BARRIER

DOORS

— EXISTING DOOR/
SEE ALT G-4 & ALT G-5

— NEW DOOR

SEE ALT G-4 & ALT G-5 FOR
CHANGES IN EXISTING & NEW DOORS & FRAMES

— EXIT SIGN — SEE ELECTRICAL

PANIC
HARDWARE

48"=160
CAPACITY
ACTUAL: 4

34"=170
CAPACITY
ACTUAL: 4

MECHANICAL: 2186 S.F. = 8 OCCUPANTS

TOTAL OCCUPANTS: = 8

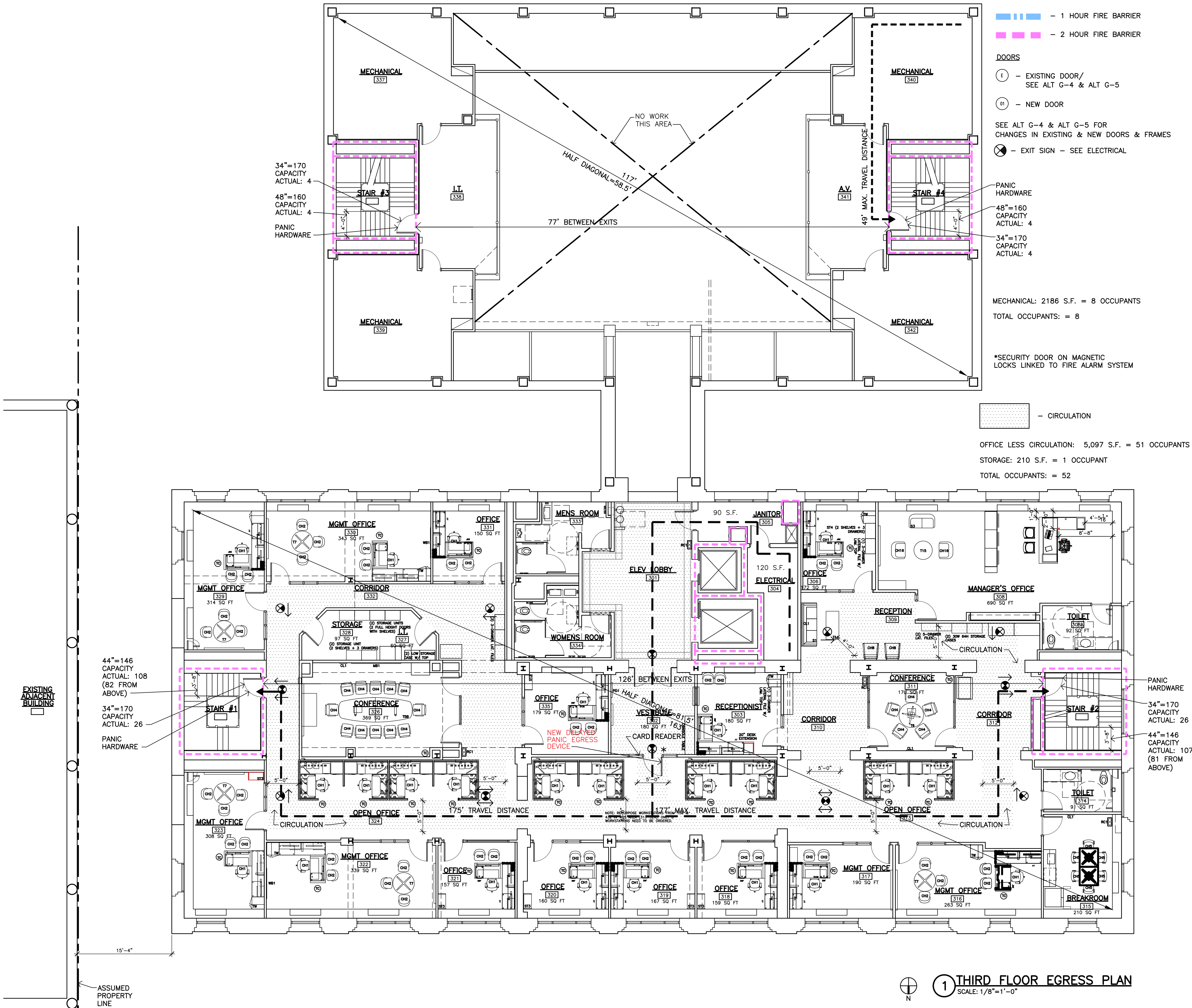
*SECURITY DOOR ON MAGNETIC
LOCKS LINKED TO FIRE ALARM SYSTEM

— CIRCULATION

OFFICE LESS CIRCULATION: 5,097 S.F. = 51 OCCUPANTS

STORAGE: 210 S.F. = 1 OCCUPANT

TOTAL OCCUPANTS: = 52



1 THIRD FLOOR EGRESS PLAN
SCALE: 1/8"=1'-0"

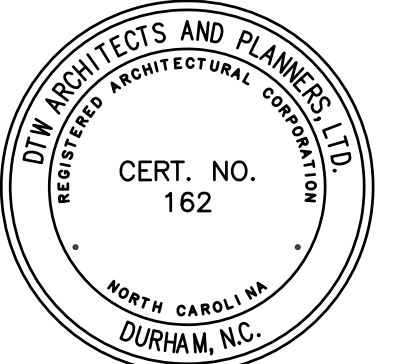
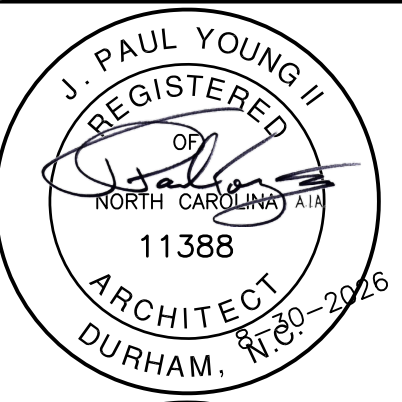
EXISTING EGRESS PLAN:
FOURTH FLOOR

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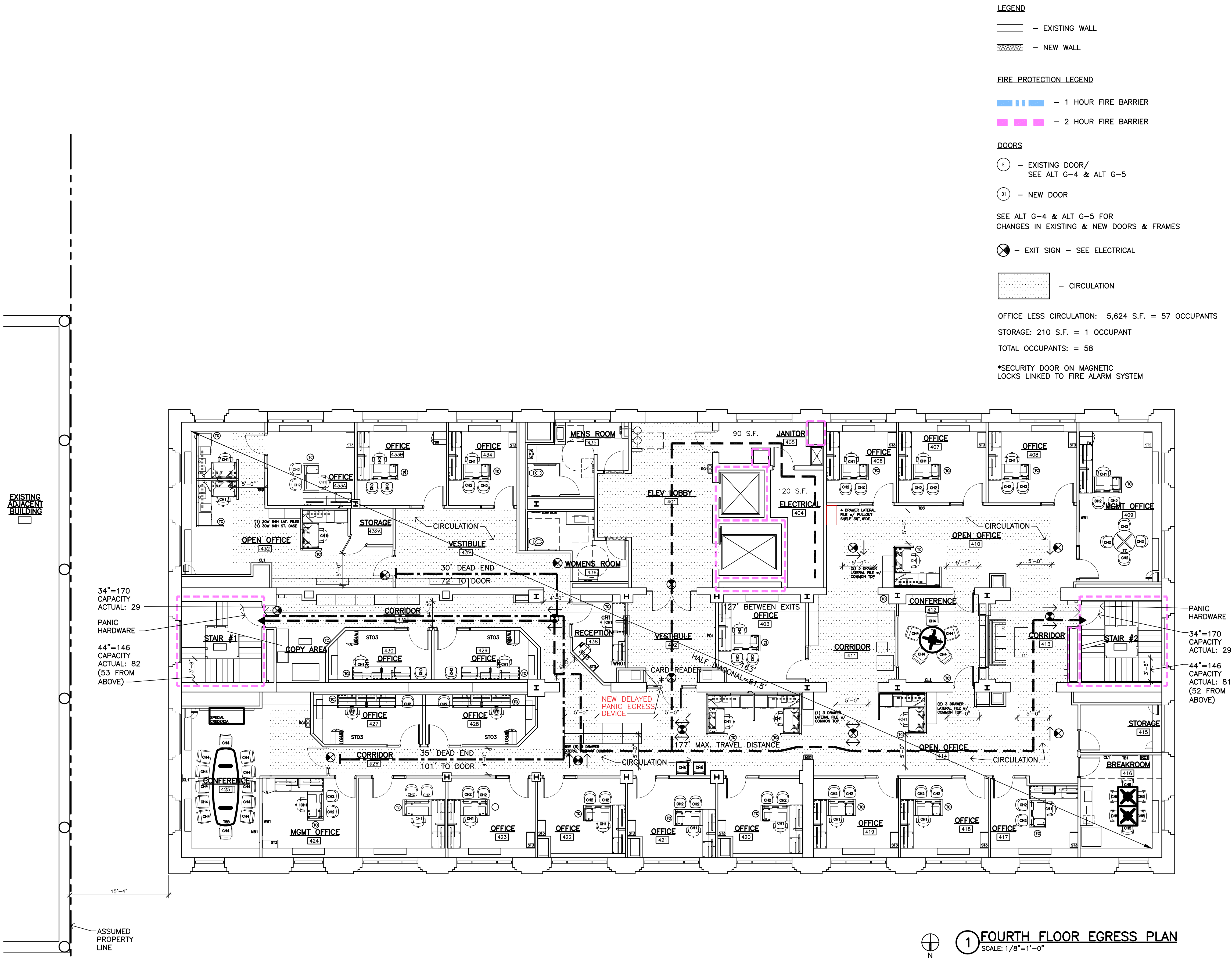
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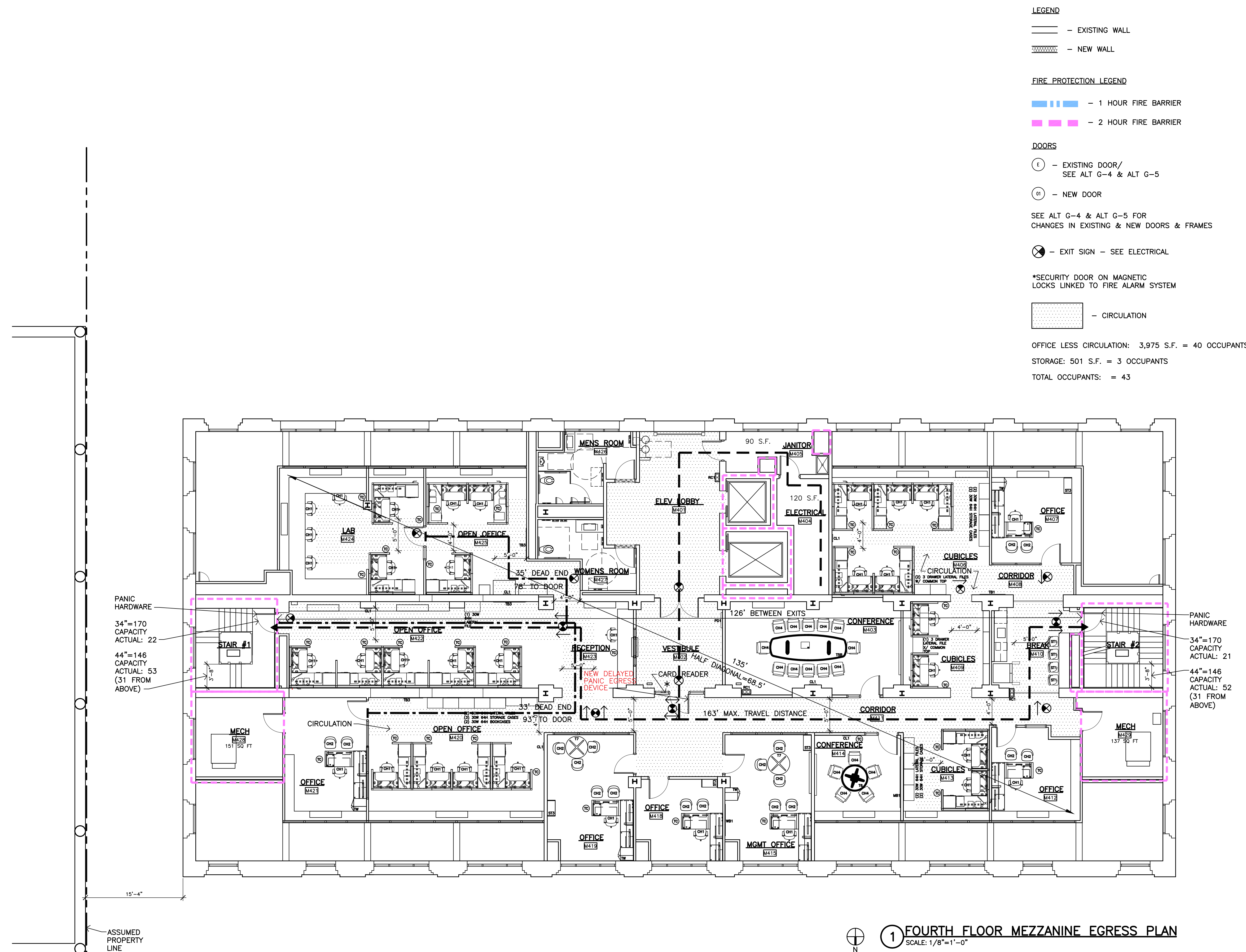


**EXISTING EGRESS PLAN:
FOURTH FLOOR MEZZANINE**

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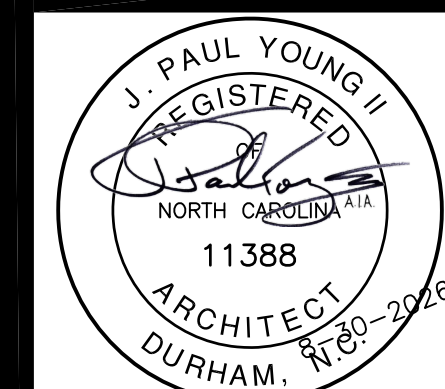


EXISTING EGRESS PLAN:
FIFTH FLOOR

DURHAM
ADMINISTRATION
BUILDING
200 E. MAIN ST.

EMERGENCY
EGRESS
UPGRADES
Durham, NC

PROJECT NUMBER:
25005



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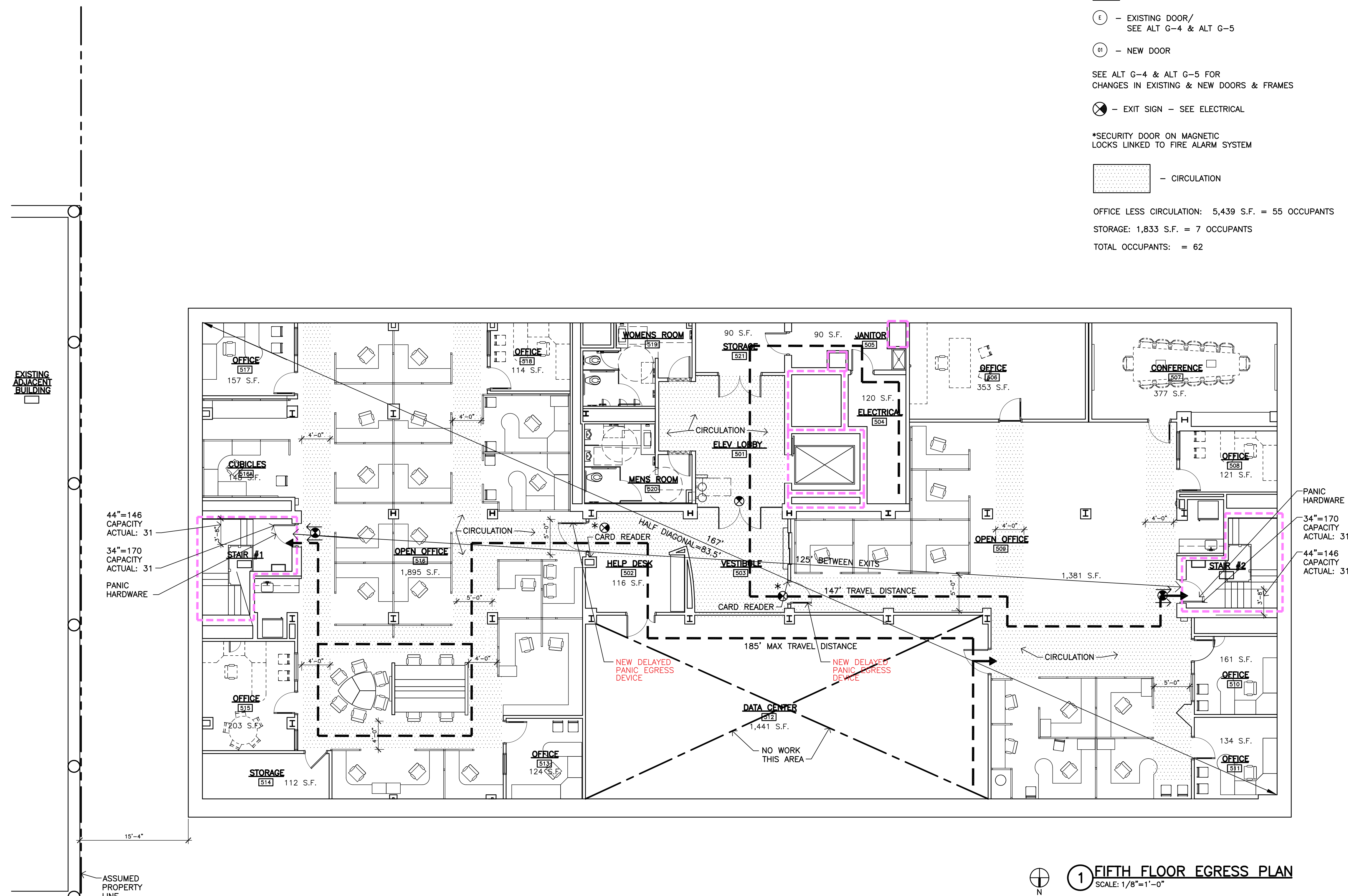
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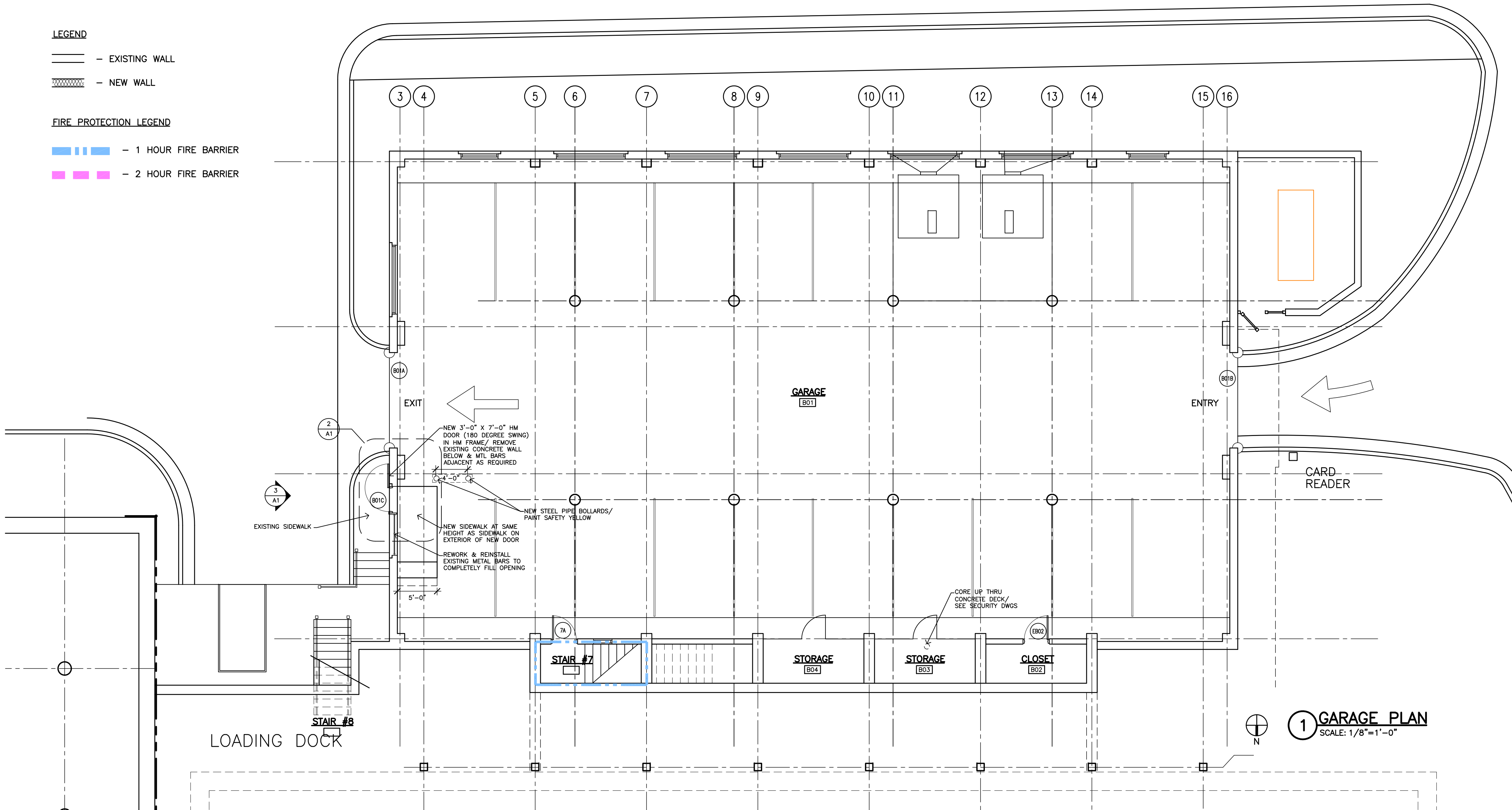
T8

Of

OFFICE LESS CIRCULATION: 5,439 S.F. = 55 OCCUPANTS
STORAGE: 1,833 S.F. = 7 OCCUPANTS
TOTAL OCCUPANTS: = 62



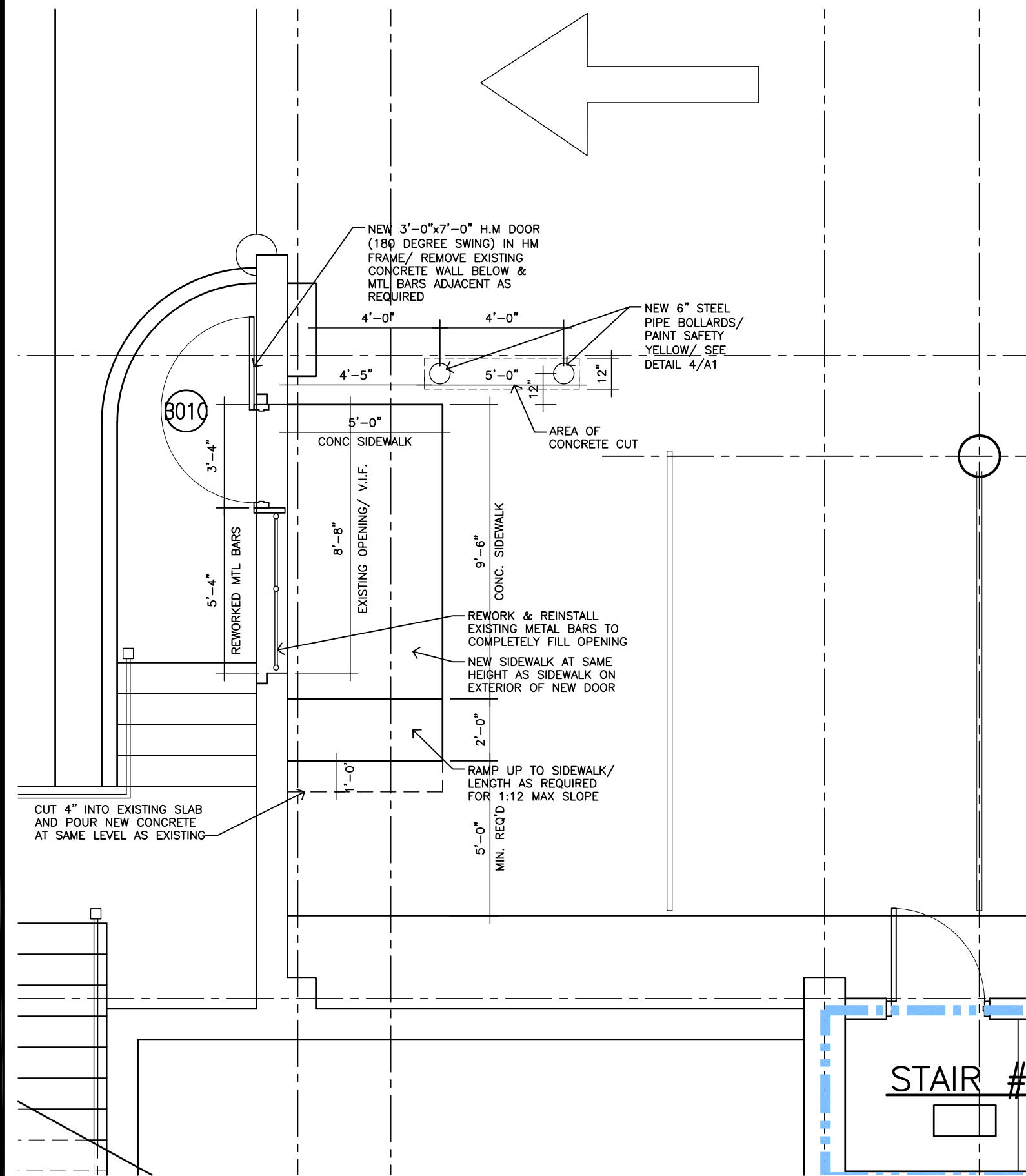
- LEGEND**
- — — — — EXISTING WALL
- ▤ ▤ ▤ ▤ ▤ NEW WALL
- FIRE PROTECTION LEGEND**
- ▤ ▤ ▤ ▤ 1 HOUR FIRE BARRIER
- ▤ ▤ ▤ ▤ 2 HOUR FIRE BARRIER



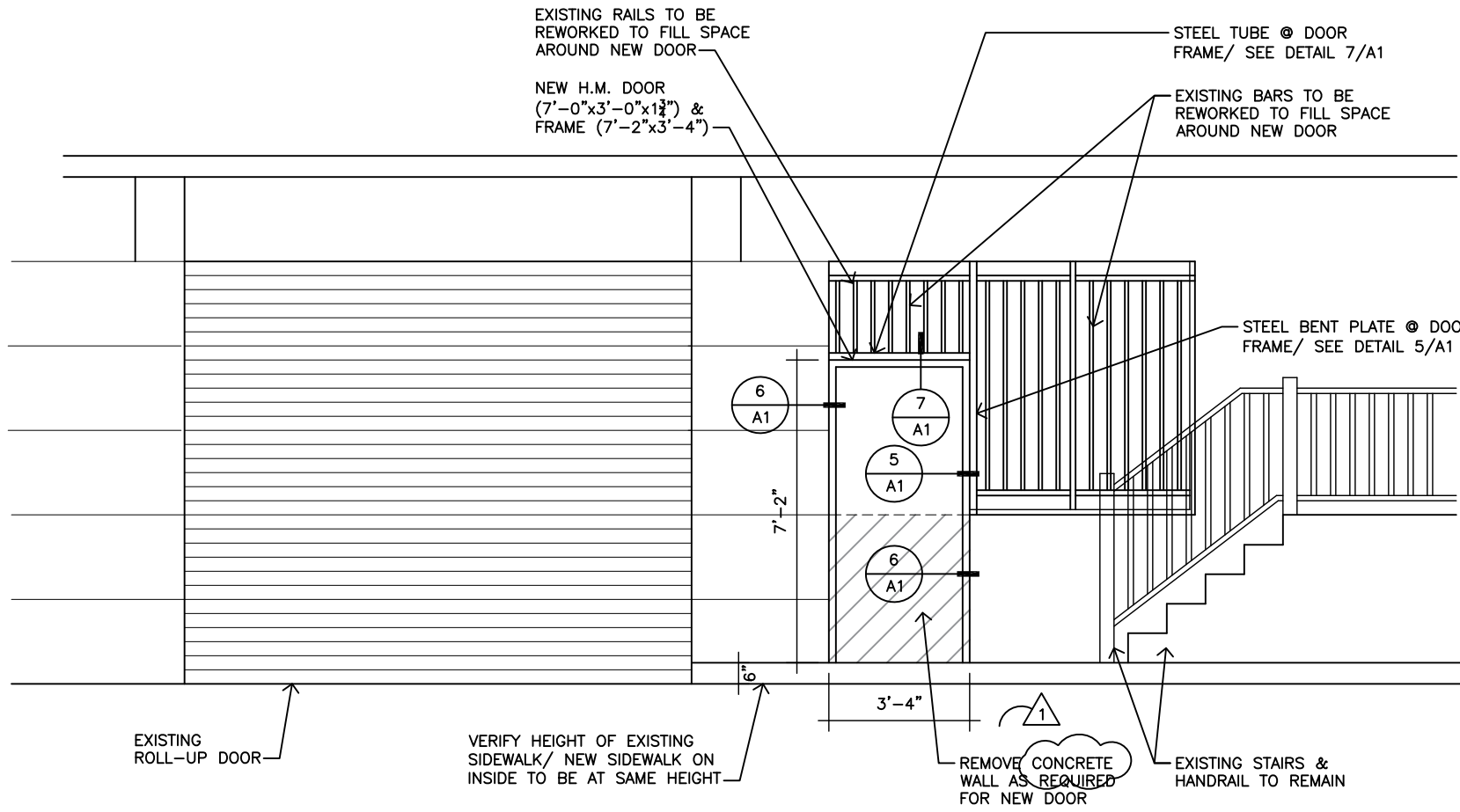
1 GARAGE PLAN
SCALE: 1/8"=1'-0"

DOOR HARDWARE & EXIT DEVICE NOTES:

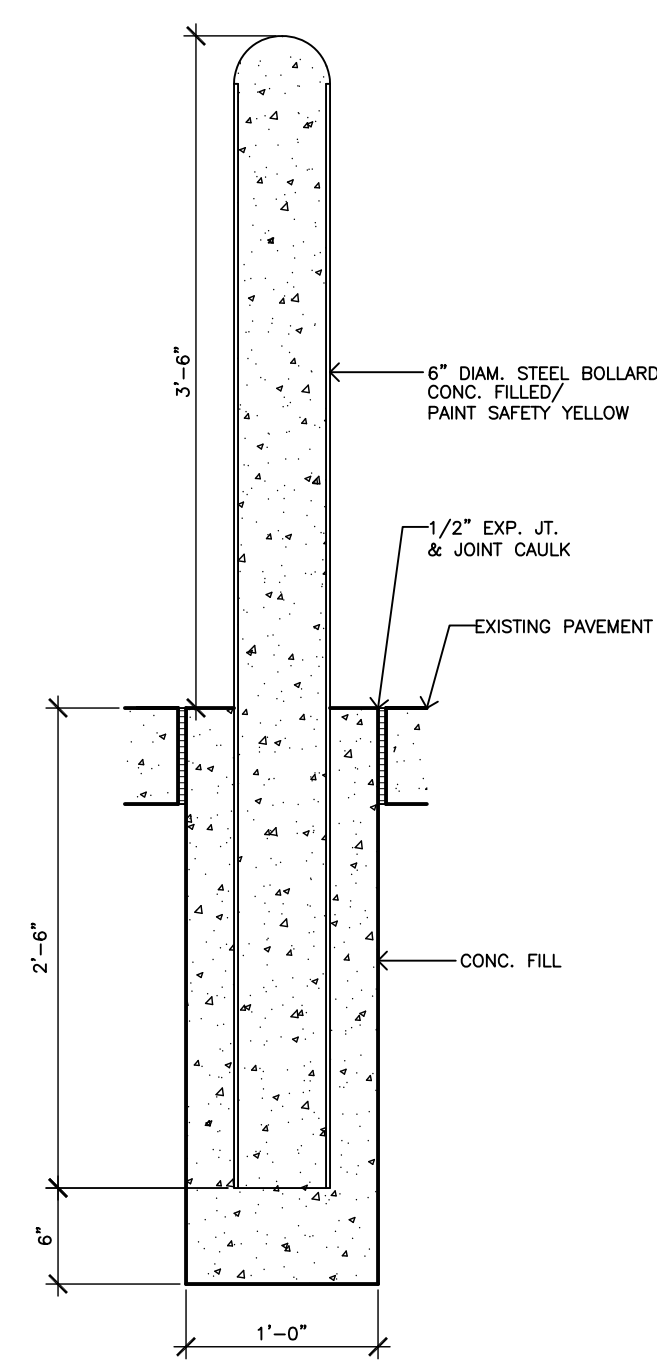
1) NEW PERSON-DOOR B01C TO HAVE CARD READER PREP, & ALSO KEY ACCESS, AND LATCH STRIKE.



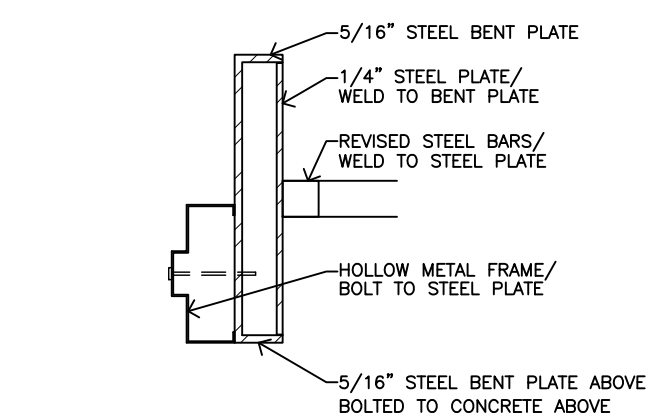
2 PLAN DETAIL
SCALE: 1/4"=1'-0"



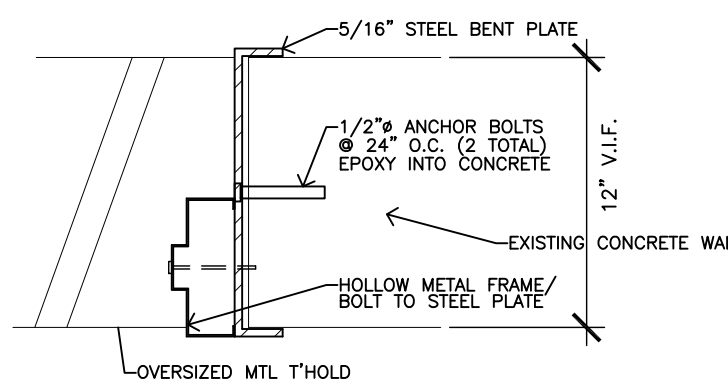
3 PARTIAL ELEVATION: NEW EXIT DOOR
SCALE: 1/4"=1'-0"



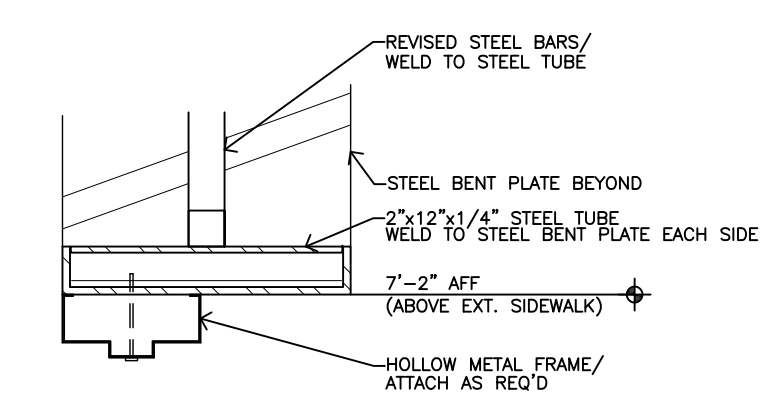
4 STEEL PIPE BOLLARD
SCALE: 1"=1'-0"



5 DETAIL
SCALE: 1 1/2"=1'-0"
JAMB AT BENT PLATE



6 DETAIL
SCALE: 1 1/2"=1'-0"
JAMB AT CONCRETE WALL



7 DETAIL
SCALE: 1 1/2"=1'-0"
HEAD DETAIL & H.M. FRAME & STEEL TUBE

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FLOOR PLAN: GARAGE DETAILS & ELEVATIONS

RENOVATIONS TO:

DURHAM ADMINISTRATION BUILDING
200 E. MAIN ST.

EMERGENCY EGRESS UPGRADES
Durham, NC

PROJECT NUMBER: 25005

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REGISTERED ARCHITECT
NORTH CAROLINA
11388
ARCHITECT
DURHAM, NC 27601-2026

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FLOOR PLAN: GROUND FLOOR

PROJECT NUMBER:
25005

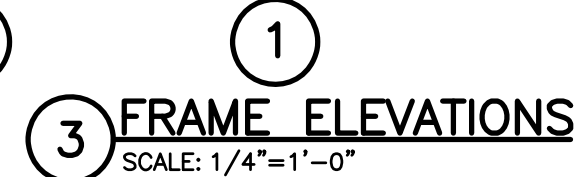
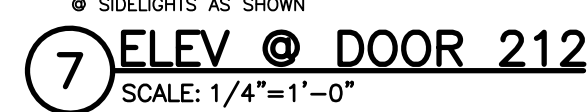
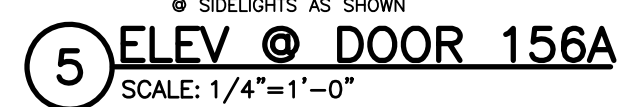
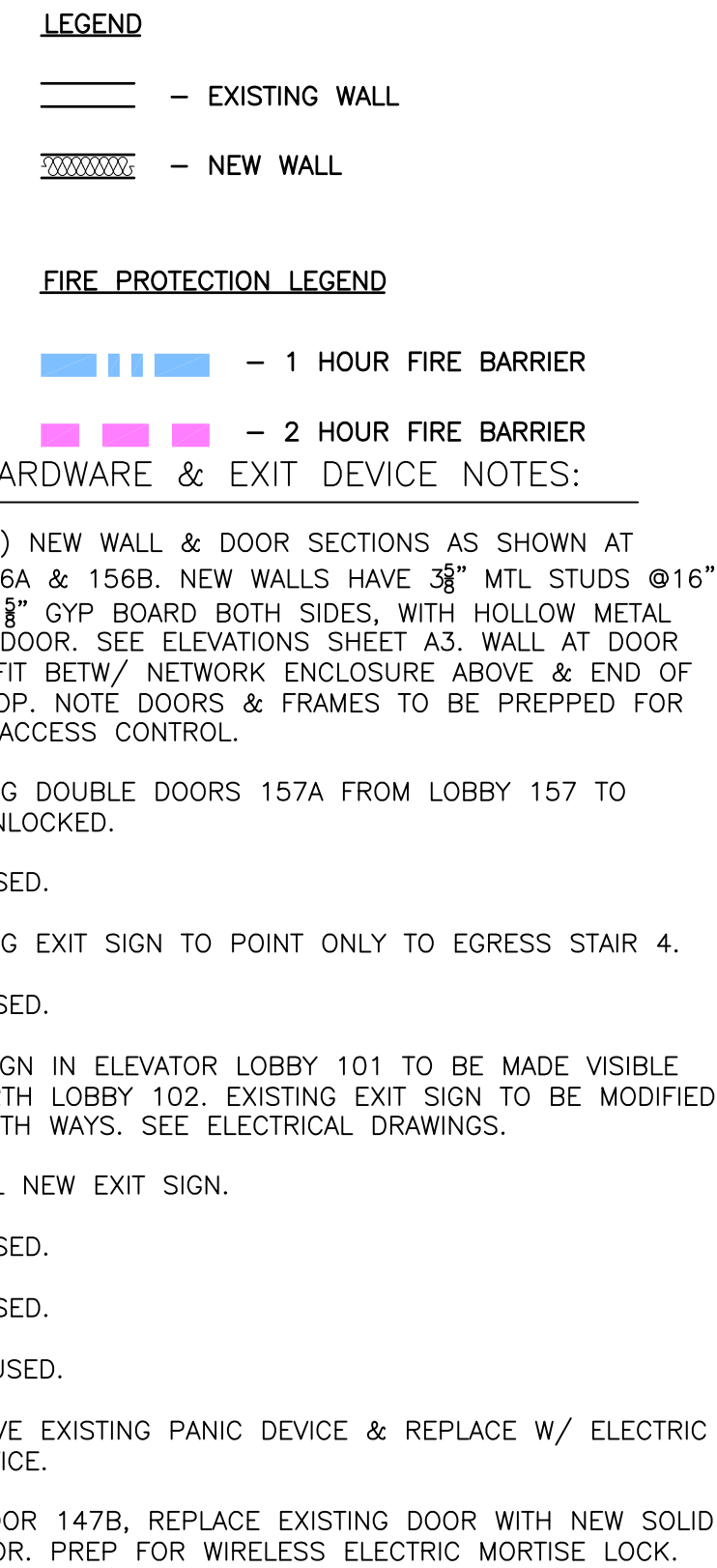


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NOTES:

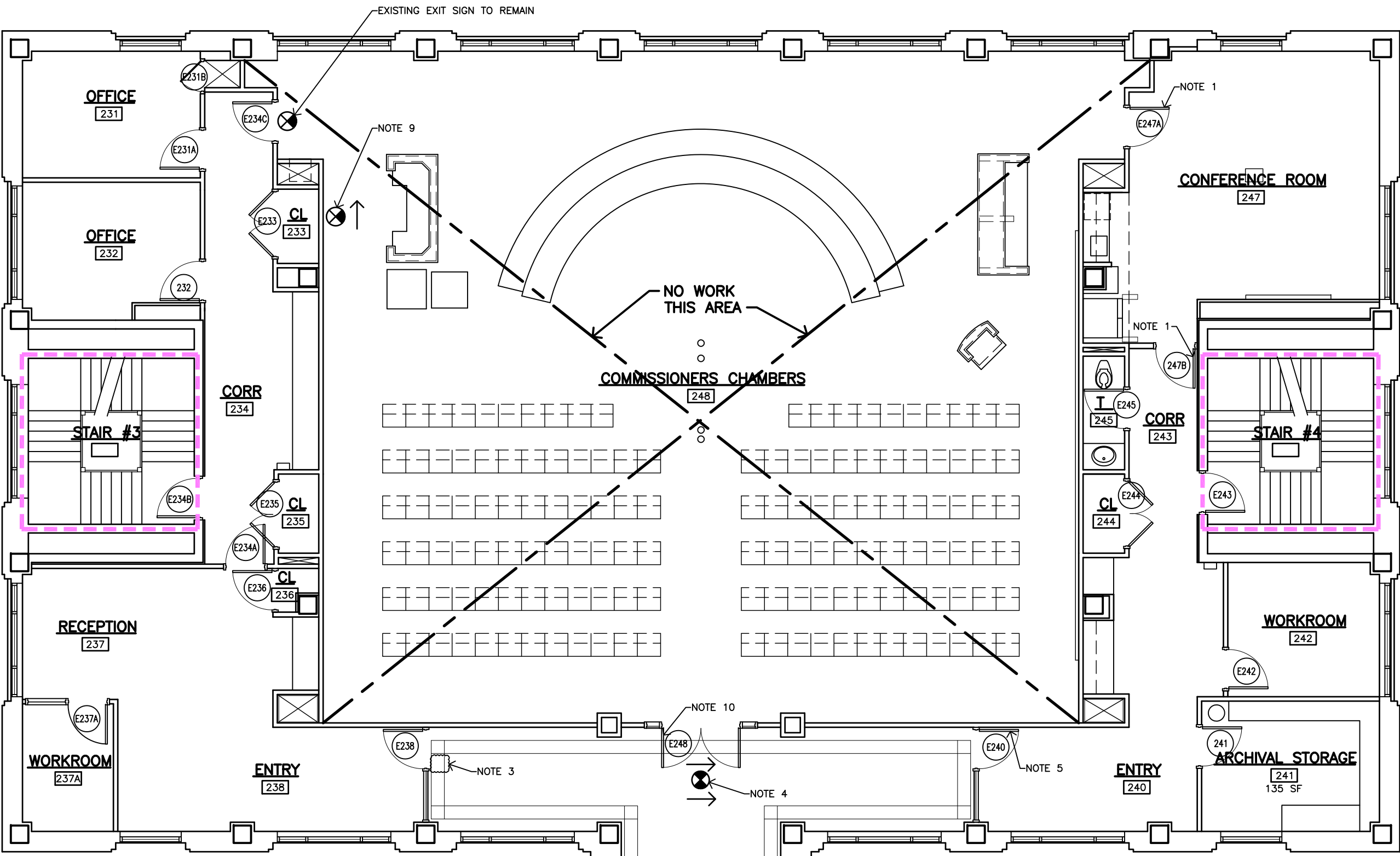
- 1) CONTINUOUS HINGE & 180 DEGREE SWING.
- 2) SEE DETAILS 5, 6, 7/ A1.
- 3) NOT USED.
- 4) REPLACE EXISTING DOOR WITH NEW SOLID WOOD DOOR.
- 5) SEE HARDWARE & SECURITY NOTES ON PLAN.
- 6) CONTINUOUS HINGE, BOTH LEAVES, SEE SPECIFICATIONS.



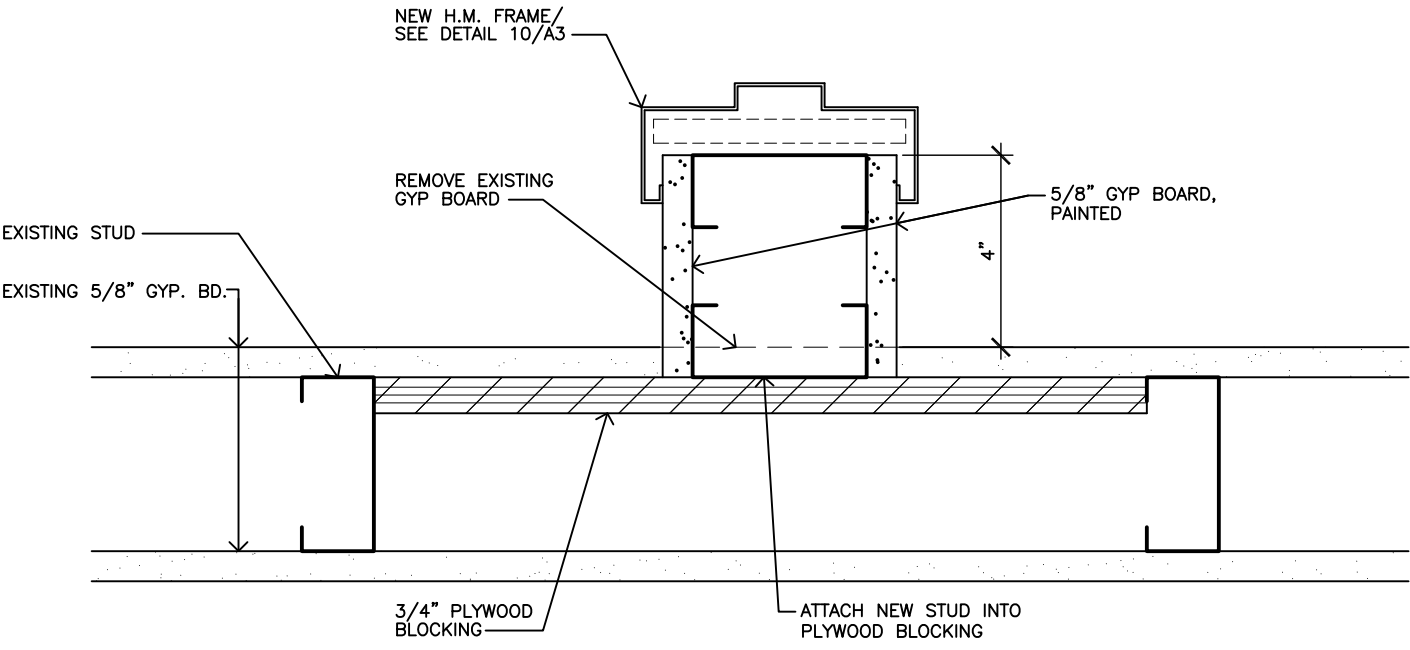
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DOOR HARDWARE & EXIT DEVICE NOTES:

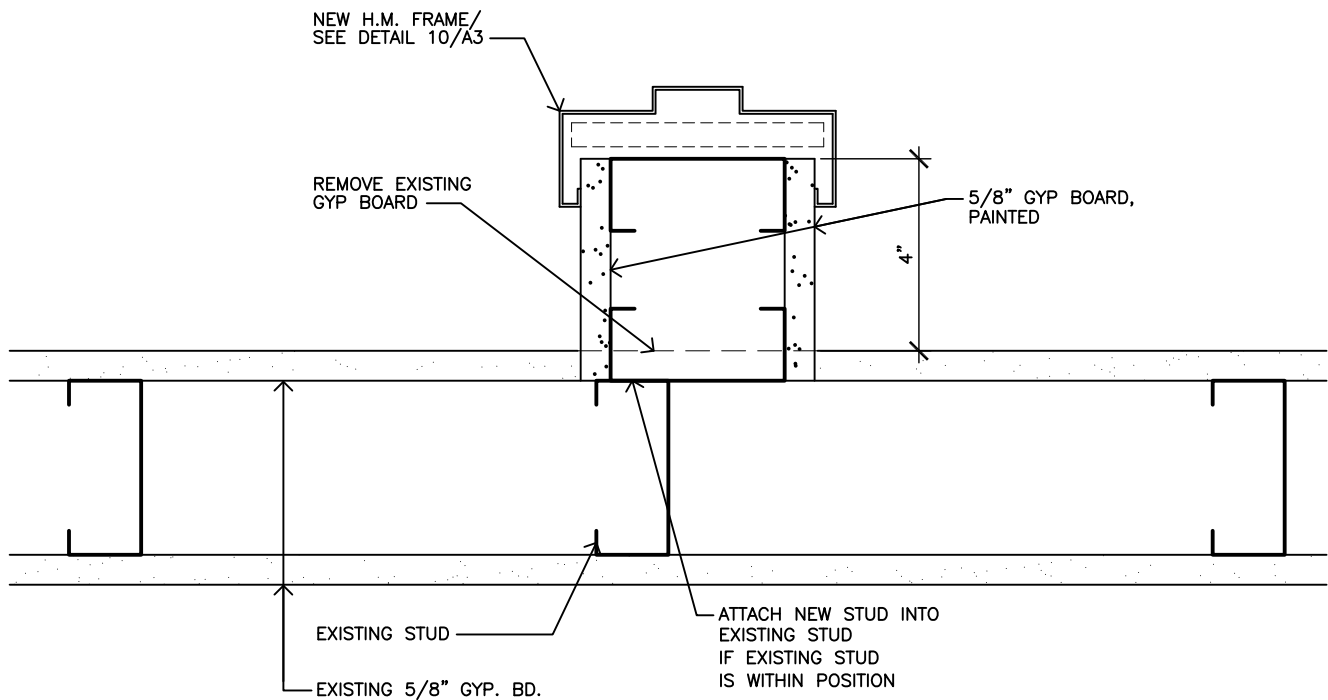
- 1) REPLACE DOOR WITH NEW SOLID WOOD DOOR AT DOORS E247A & 247B. PREP FOR WIRELESS ELECTRIC MORTISE LOCK PROVIDED BY OTHER PROJECT. ADD ASSOCIATED HARDWARE.
- 2) NOT USED.
- 3) DELETE EXISTING EXIT SIGN AT DOOR 238. SEE ELECTRICAL DRAWINGS.
- 4) REVISE EXISTING EXIT SIGN TO POINT ONLY TO EGRESS STAIR 4. LOWER SIGN TO MAKE VISIBLE FROM LOBBY.
- 5) EXISTING DOOR E240 TO ALWAYS REMAIN UNLOCKED TO ALLOW ACCESS TO EGRESS STAIR 4.
- 6) NOTE NOT USED.
- 7) REVISE EXISTING EXIT SIGNS (2) TO GO BOTH WAYS. SEE ELECTRICAL DRAWINGS. CONFIRM THAT EXIT SIGN IN ELEV. LOBBY 201 IS VISIBLE FROM NORTH LOBBY 202.
- 8) ADD (2) NEW WALL & DOOR SECTIONS AS SHOWN AT NEW DOORS 212 & 226. NEW WALLS HAVE 3/8" MTL STUDS @16" O.C. WITH 5/8" GYP BOARD (PAINTED) BOTH SIDES, WITH HOLLOW METAL FRAME & DOOR. SEE ELEVATIONS SHEET A3.
- NOTE DOORS TO BE SOLID WOOD, AND TO HAVE ELECTRIC MORTISE LOCKS & 30-SECOND DELAY EGRESS PANIC DEVICES; PREP FOR CARD READERS PROVIDED BY OTHER PROJECT.
- 9) INSTALL ADDITIONAL EXIT SIGN POINTING AT DOOR E234C ON WALL AS SHOWN. (EXISTING EXIT SIGN TO REMAIN.)
- 10) AT DOOR E248, INSTALL NEW EMERGENCY EGRESS PANIC DEVICE (PANIC BAR) AND ACCESSIBLE-COMPLIANT KEYED LOCK. SEE SPEC FOR SPECIFIC PANIC DEVICE AT THIS LOCATION. COORDINATE MOUNTING HEIGHT WITH ARCHITECT.
- 11) NOT USED.
- 12) NOT USED.
- 13) NOT USED.
- 14) REMOVE EXISTING MORTISE LOCK AND REPLACE W/ WIRELESS ELECTRIC MORTISE LOCK.
- 15) NOT USED.



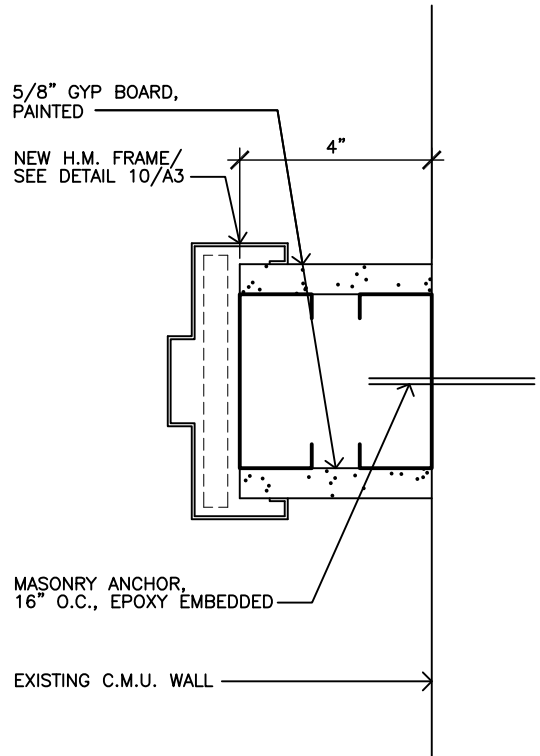
- LEGEND
- — — — — EXISTING WALL
- ===== NEW WALL
- FIRE PROTECTION LEGEND
- - 1 HOUR FIRE BARRIER
- - 2 HOUR FIRE BARRIER



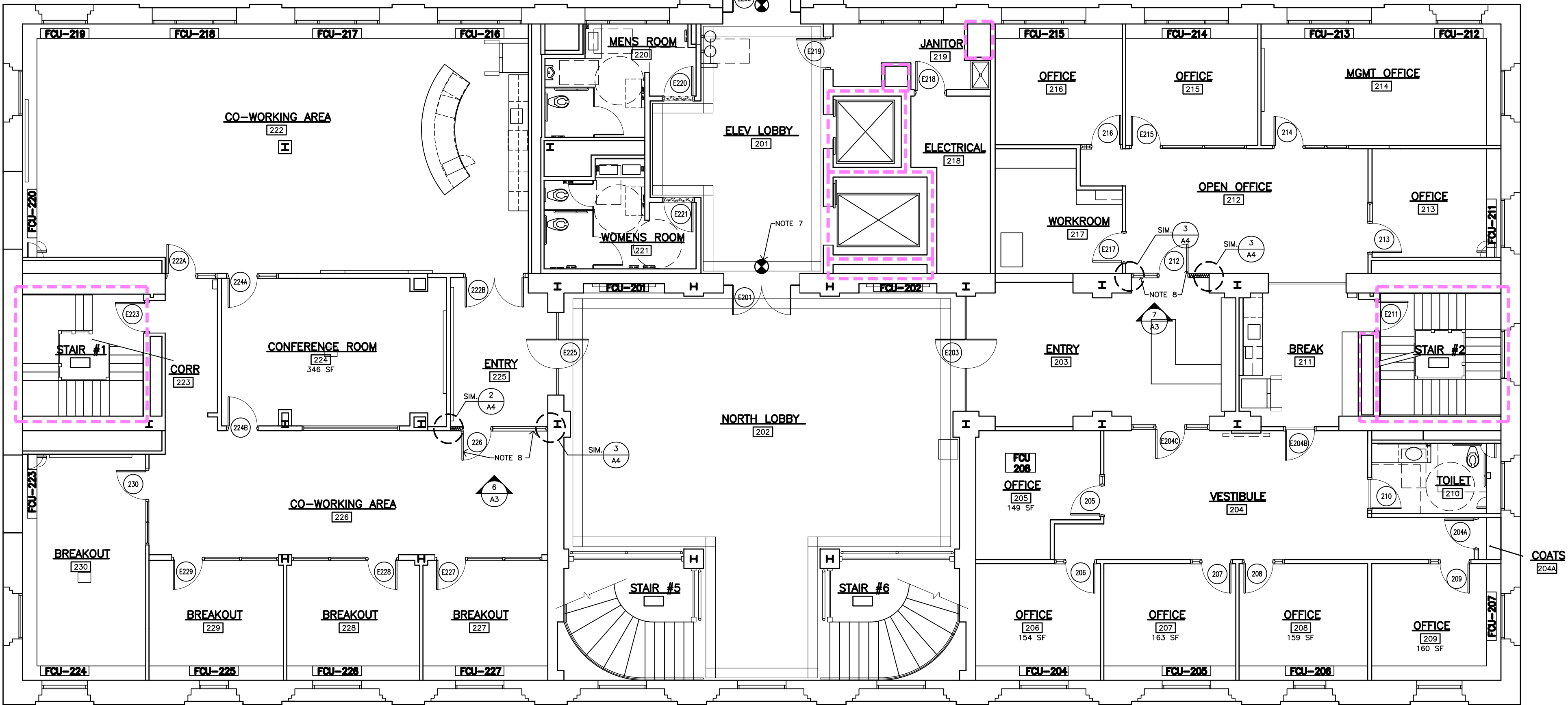
2 DETAIL @ NEW WALL & EXISTING GYP. BOARD. TYP.
SCALE: 3"=1'-0"



2A ALTERNATE DETAIL @ NEW WALL & EXISTING GYP. BD. TYP.
SCALE: 3"=1'-0"



3 DETAIL @ NEW WALL & EXISTING MASONRY. TYP.
SCALE: 3"=1'-0"



1 SECOND FLOOR PLAN
SCALE: 1/8"=1'-0"

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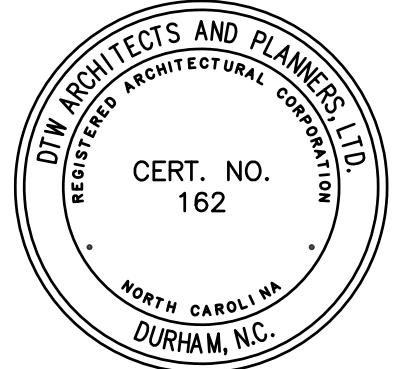
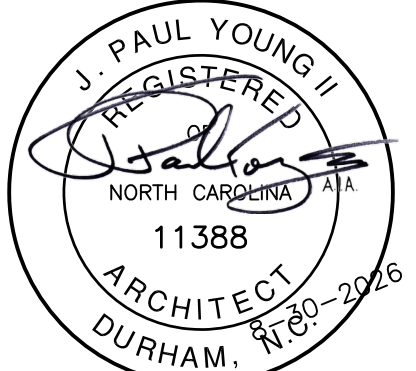
FLOOR PLAN: SECOND FLOOR

RENOVATIONS TO:

DURHAM
ADMINISTRATION
BUILDING
200 E. MAIN ST.

EMERGENCY
EGRESS
UPGRADES
Durham, NC

PROJECT NUMBER:
25005



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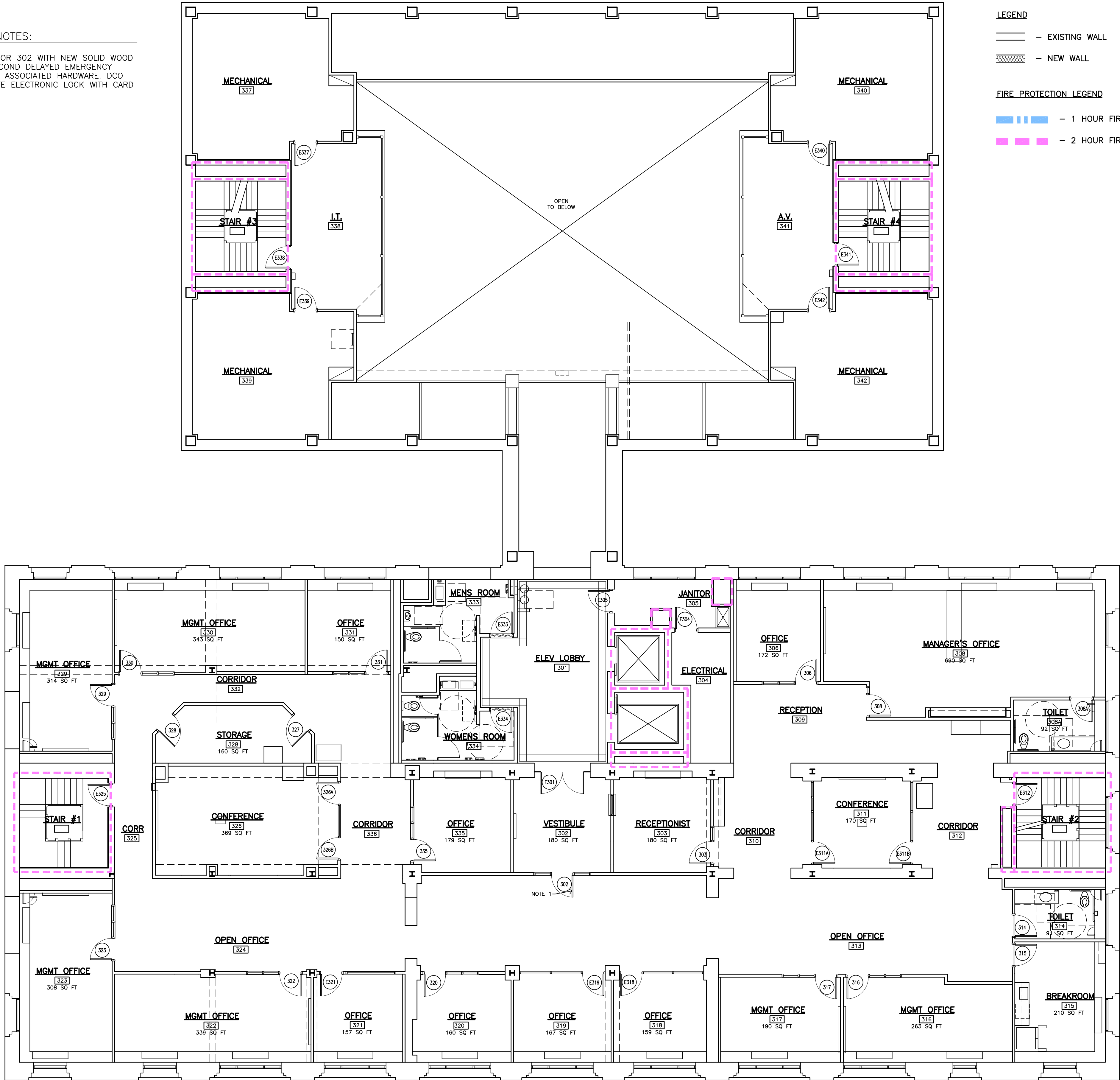
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A4

Of

DOOR HARDWARE NOTES:

1) REPLACE EXISTING DOOR 302 WITH NEW SOLID WOOD DOOR. INSTALL A 30-SECOND DELAYED EMERGENCY EGRESS PANIC DEVICE & ASSOCIATED HARDWARE. DCO SECURITY WILL REACTIVATE ELECTRONIC LOCK WITH CARD ACCESS.



LEGEND

— — — — — EXISTING WALL
- - - - - NEW WALL

FIRE PROTECTION LEGEND

■ ■ ■ ■ ■ 1 HOUR FIRE BARRIER
■ ■ ■ ■ ■ 2 HOUR FIRE BARRIER

1 THIRD FLOOR PLAN
SCALE: 1/8"=1'-0"

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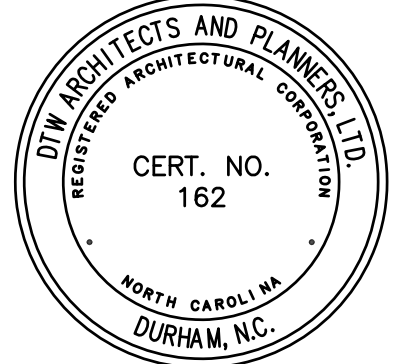
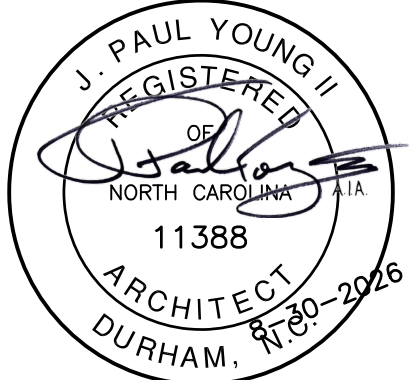
FLOOR PLAN: THIRD FLOOR

RENOVATIONS TO:

DURHAM
ADMINISTRATION
BUILDING
200 E. MAIN ST.

EMERGENCY
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Durham, NC

PROJECT NUMBER:
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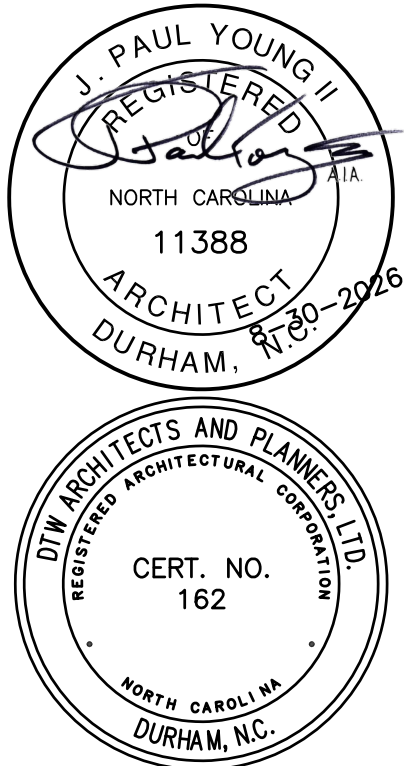
FLOOR PLAN: FOURTH FLOOR

RENOVATIONS TO:

**DURHAM
ADMINISTRATION
BUILDING**
200 E. MAIN ST.

**EMERGENCY
EGRESS
UPGRADES**
Durham, NC

PROJECT NUMBER:
25005

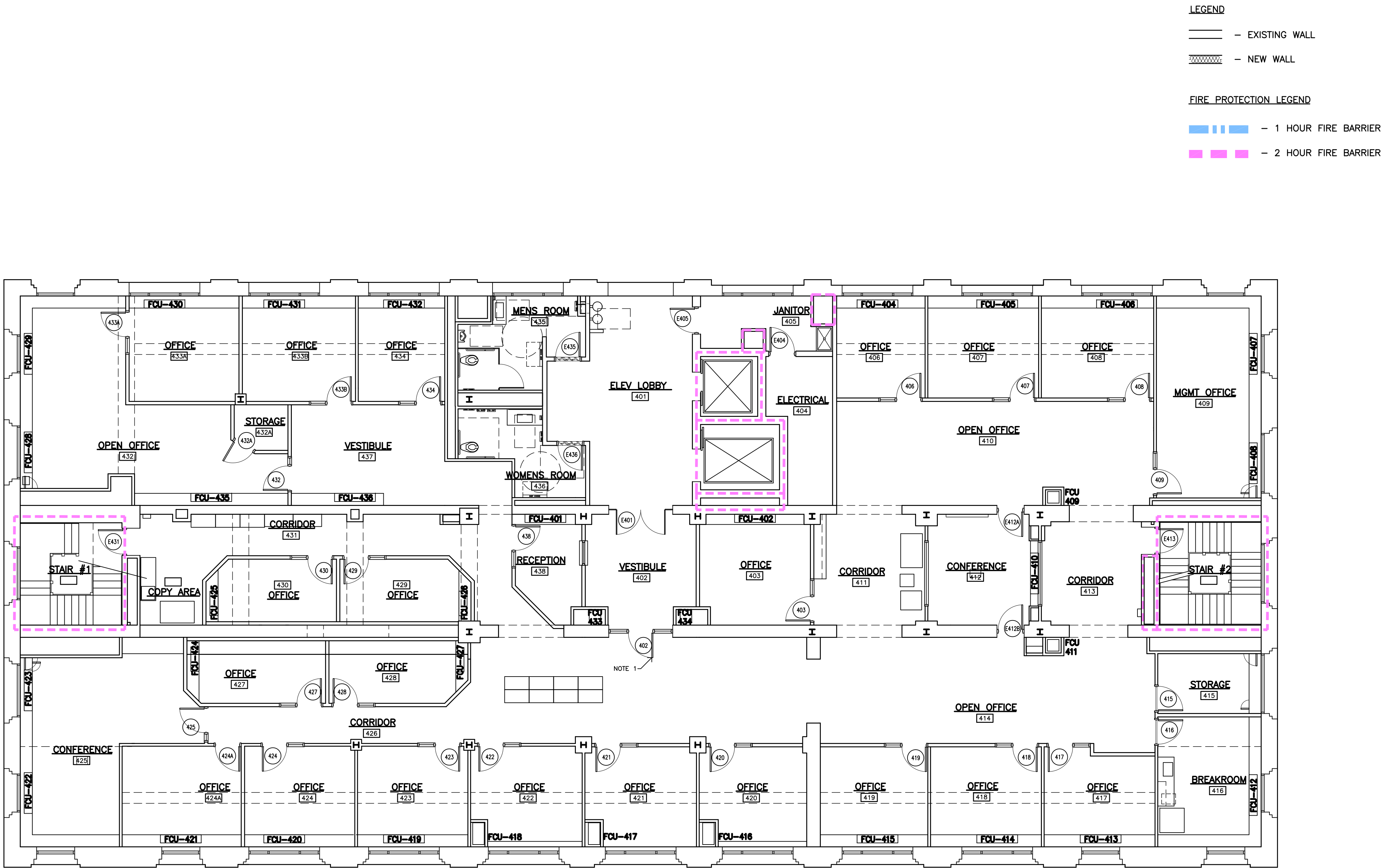


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A6



DOOR HARDWARE & GENERAL NOTES:

1) ON DOOR 402, REPLACE EXISTING DOOR WITH NEW WOOD DOOR. INSTALL A 30-SECOND DELAYED EMERGENCY EGRESS PANIC DEVICE & ASSOCIATED HARDWARE. DCO SECURITY WILL REACTIVATE ELECTRONIC LOCK WITH CARD ACCESS.

6 FOURTH FLOOR PLAN
SCALE: 1/8"=1'-0"

FLOOR PLAN:
FOURTH FLOOR MEZZANINE

DURHAM
ADMINISTRATION
BUILDING
200 E. MAIN ST.

PROJECT NUMBER:
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1 FOURTH FLOOR MEZZANINE PLAN
SCALE: 1/8"=1'-0"

FLOOR PLAN: FIFTH FLOOR

PROJECT NUMBER:
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- 1) REPLACE DOOR E502 (FROM VESTIBULE 503 TO OPEN OFFICE 509). INSTALL A 30-SECOND DELAYED EMERGENCY EGRESS PANIC DEVICE (PANIC BAR) & ASSOCIATED HARDWARE, AND DCO SECURITY WILL REACTIVATE ELECTRONIC LOCK AND CARD ACCESS.
- 2) REPLACE DOOR E501 (FROM HELP DESK 502 TO OPEN OFFICE 516). INSTALL A 30-SECOND DELAYED EMERGENCY EGRESS PANIC DEVICE (PANIC BAR) & ASSOCIATED HARDWARE, AND DCO SECURITY WILL REACTIVATE ELECTRONIC LOCK AND CARD ACCESS.
- 3) ADD EXIT SIGN/ SEE ELECTRICAL.

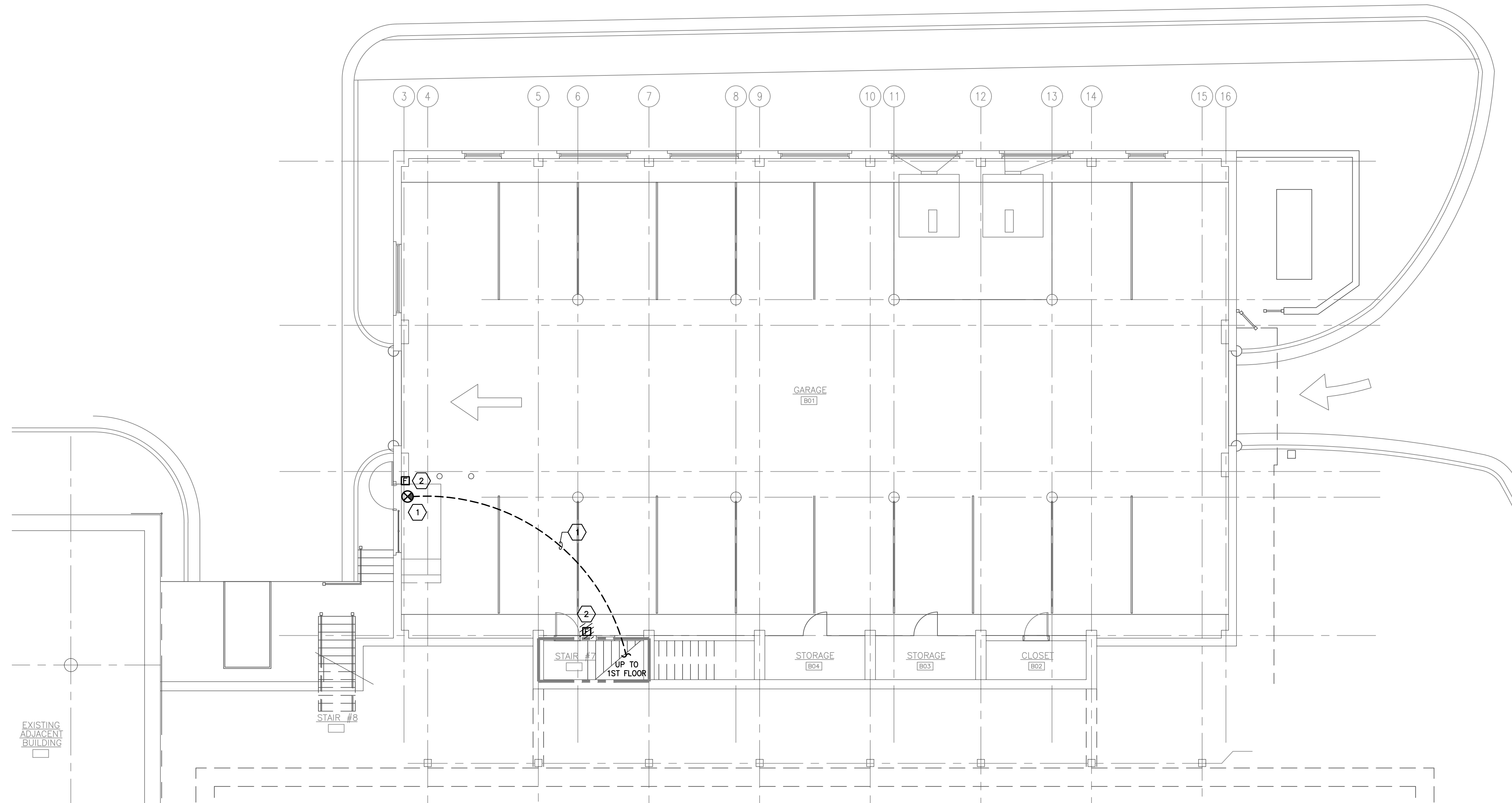


FIFTH FLOOR PLAN
 SCALE: 1/8"=1'-0"

1. THE CONTRACTOR SHALL VERIFY EQUIPMENT NAMEPLATE INFORMATION BEFORE INSTALLING CONDUIT, WIRING, CIRCUIT BREAKERS, DISCONNECT SWITCHES OR FUSES.
2. IN THE EVENT THE CONTRACTOR CHOOSES TO USE PRODUCTS OTHER THAN THE BASIS OF DESIGN, HE ASSUMES FULL RESPONSIBILITY FOR COORDINATION AND INTEGRATION OF SUCH ITEMS. THE FUNCTIONAL DESIGN INTEGRITY OF ALL SYSTEMS AND COMPONENTS SHALL BE MAINTAINED. VOLTAGES, LOADS, WIRE SIZES AND QUANTITIES, DISCONNECT SWITCHES AND FUSE SIZES, PHYSICAL SIZE, LOCATIONS, CLEARANCES, ETC. SHALL BE FULLY COORDINATED BY THE ELECTRICAL CONTRACTOR AND SHALL BE HIS RESPONSIBILITY. ANY ADDITIONAL COST RESULTING FROM SAID SUBSTITUTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
3. ARCHITECTURAL AND STRUCTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER THE ELECTRICAL DRAWINGS REGARDING BUILDING CONSTRUCTION, DIMENSION AND ARRANGEMENT. LINES THAT REQUIRE SLOPE, SUCH AS PLUMBING WASTE LINES SHALL TAKE PRECEDENCE OVER ELECTRICAL LINES. CONTRACTOR SHALL COORDINATE CLOSELY WITH ALL TRADES TO AVOID CONFLICTS AND SHALL PROVIDE ALL OFFSETS AND EQUIPMENT AS REQUIRED TO FIT THE ELECTRICAL WORK INTO THE AVAILABLE SPACE.
4. COORDINATE ANY AND ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION SO AS TO AVOID CONFLICT DURING CONSTRUCTION.
5. THE CONTRACTOR SHOULD READ AND UNDERSTAND THE ENTIRE SET OF CONSTRUCTION DOCUMENTS WHICH INCLUDES BUT IS NOT LIMITED TO THE SPECIFICATIONS, ARCHITECTURAL, CIVIL, STRUCTURAL, AND ALL ENGINEERING DRAWINGS, SO THAT HE MAY UNDERSTAND THE FULL SCOPE OF WORK AND CONVEY THE PROPER REQUIRED MATERIALS AND METHODS OF INSTALLATION TO THE ESTIMATORS, SUPPLIERS AND INSTALLERS.
6. THE CONTRACTOR SHALL INSPECT AND OBSERVE THE EXISTING SITE, BUILDING, STRUCTURE, PLUMBING, MECHANICAL, AND ELECTRICAL CONDITIONS PRIOR TO BEGINNING WORK AND SHALL PROVIDE AND INSTALL ALL DEVICES AND EQUIPMENT IN A MANNER TO ACCOMMODATE THESE EXISTING CONDITIONS.
7. CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS IN ORDER TO OBTAIN A FULL UNDERSTANDING OF WORK TO BE DONE.
8. NO EXISTING POWER (CIRCUIT BREAKER, DISCONNECT SWITCHES, ETC.) IS TO BE TURNED OFF UNTIL VERIFIED THAT IT IS NOT IN CURRENT USE AND UNTIL APPROVED BY THE OWNER.
9. ALL SHUTDOWNS AND SERVICE INTERRUPTIONS MUST BE COORDINATED AND REQUESTED THROUGH THE OWNER AT LEAST 72 HOURS IN ADVANCE OF EXPECTED SHUTDOWN.
10. ELECTRICAL CONTRACTOR SHALL FIRE SEAL ALL PENETRATIONS THRU FIRE RATED WALLS.
11. THE ELECTRICAL CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THAT THE EXISTING SECURITY CAMERA SYSTEM REMAINS FULLY OPERATIONAL THROUGHOUT THE COURSE OF THIS PROJECT.
12. ALL LOW VOLTAGE WIRING SHALL BE PLENUM RATED.
13. ALL CONDUITS IN FINISHED AREAS SHALL BE CONCEALED UNDERSLAB, IN WALLS, OR ABOVE CEILINGS. ANY CONDUIT THAT MUST BE EXPOSED IN UNFINISHED AREAS SHALL BE NEATLY ROUTED PARALLEL AND PERPENDICULAR TO THE BUILDING STRUCTURE, ROUTE IN CORNERS AND TIGHT ALONG COLUMNS WHERE POSSIBLE TO PROTECT AND CONCEAL. ALL EXPOSED CONDUITS, BOXES AND SUPPORTS SHALL BE PAINTED TO MATCH THE ADJACENT SURFACE.

SYMBOL	DESCRIPTION
	EXIT SIGN - SEE PLANS FOR # OF FACES AND CHEVRONS

1. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL (1) NEW EXIT SIGN AS REQUIRED IN NEW LOCATION. CONNECT TO UNSWITCHED LEG OF EMERGENCY LIGHTING CIRCUIT IN STAIR #7 (PANEL GLSH. CONTRACTOR TO CONFIRM CIRCUIT NUMBER AND LABEL OUTLET BOX.) FIXTURE SHALL BE HUBBELL MODEL CAR OR APPROVED EQUAL.
2. ELECTRICAL CONTRACTOR SHALL RELOCATE EXISTING FIRE ALARM PULL STATION TO NEW LOCATION AS REQUIRED.





Electrical Plan - Garage
 SCALE: 1/8" = 1'-0"

RATED WALL LEGEND	
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER

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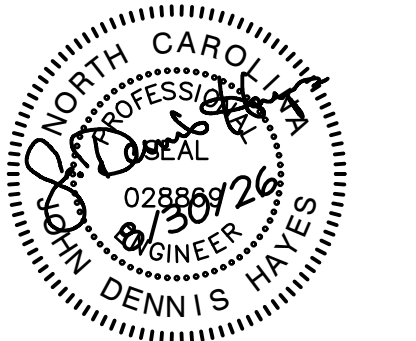
**ELECTRICAL
PLAN - GARAGE**

RENOVATIONS TO:

DURHAM
ADMINISTRATION
BUILDING
200 E. MAIN ST.

EMERGENCY
EGRESS
UPGRADES
Durham, NC

PROJECT NUMBER:
25-015



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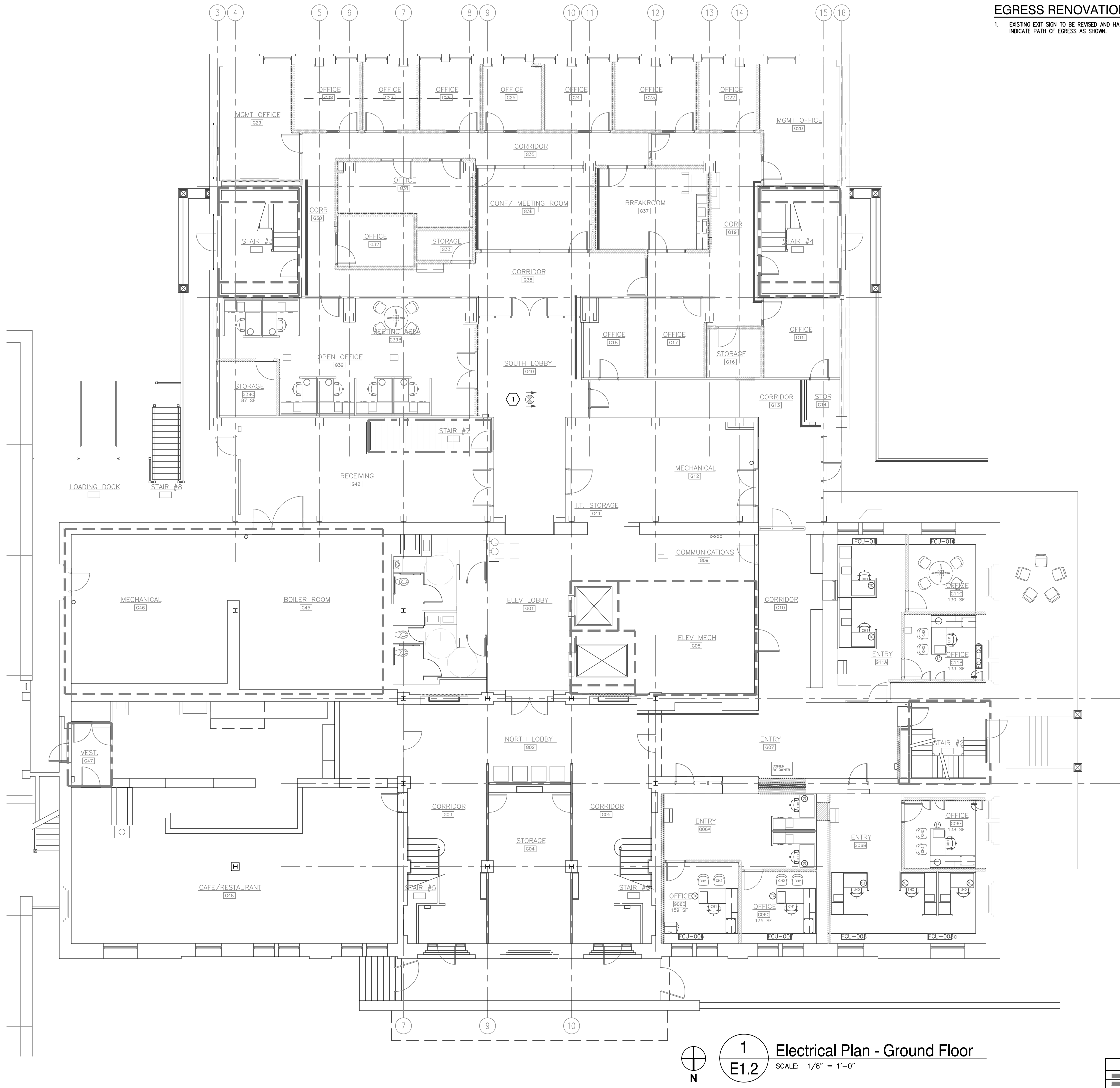
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EGRESS RENOVATION KEYNOTES: 

1. EXISTING EXIT SIGN TO BE REVISED AND HAVE CHEVRONS REWORKED IN FACEPLATES TO INDICATE PATH OF EGRESS AS SHOWN.

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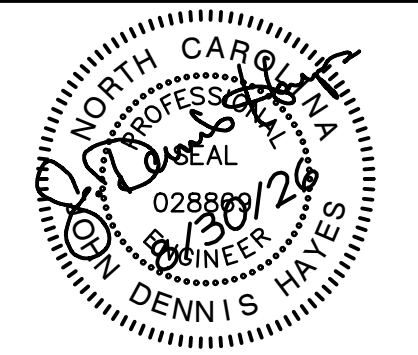
**ELECTRICAL
PLAN - GROUND
FLOOR**

RENOVATIONS TO:

**DURHAM
ADMINISTRATION
BUILDING**
200 E. MAIN ST.

**EMERGENCY
EGRESS
UPGRADES**
Durham, NC

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25-015



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RATED WALL LEGEND	
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER

1. EXISTING EXIT SIGN TO BE ROTATED AND LEVONS REWORKED TO DIRECT EGRESS TOWARDS 'STAIR 4' ONLY.
2. ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE AND REWORK LOCATION OF EXISTING EXIT SIGN TO ENSURE SIGN IS VISIBLE FROM NORTH LOBBY 102.
3. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL (1) NEW EXIT SIGN AS REQUIRED IN NORTH LOBBY 102. CONTRACT TO UNSHUTCH LED'S OF EMERGENCY LIGHTING CIRCUIT IN STAIR #7 (FANEL GLSH. CONTRACTOR TO CONFIRM CIRCUIT NUMBER AND LABEL 'OUTLET BOX') FIXTURE SHALL BE HUBBELL MODEL CAR OR APPROVED EQUAL.

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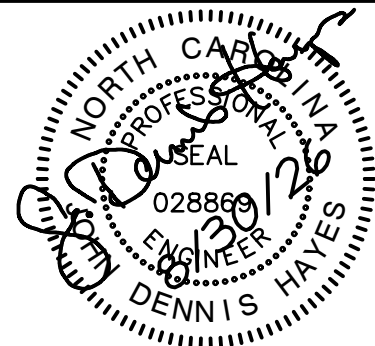
ELECTRICAL
PLAN - FIRST
FLOOR

RENOVATIONS TO:

DURHAM
ADMINISTRATION
BUILDING
200 E. MAIN ST.

EMERGENCY
EGRESS
UPGRADES
Durham, NC

PROJECT NUMBER:
25-015



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Checked	ANR
Date	AUGUST 30, 2026

E1.3

Of



RATED WALL LEGEND	
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER

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E1.4

RATED WALL LEGEND	
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER

P:\PROJECTS\2023\25-015 DURHAM COUNTY ADMIN 1 EGRESS & SECURITY MODIFICATIONS\3.0 CAD\3.00 ELECTRICAL\5.1 LUMP PLOTTED 8/24/2026 4:23 PM BY: JAMES SMITH

EGRESS RENOVATION KEYNOTES:

- ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL (1) NEW EXIT SIGN AS REQUIRED IN NEW LOCATION. REWORK AND EXTEND EXISTING AREA LIGHTING CIRCUIT TO FIXTURE LOCATION AS REQUIRED. FIXTURE SHALL BE HUBBELL MODEL CAR OR APPROVED EQUAL.
- EXISTING EXIT SIGN TO REMAIN.



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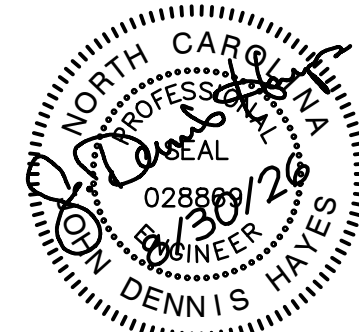
ELECTRICAL
PLAN - FIFTH
FLOOR

RENOVATIONS TO:

DURHAM
ADMINISTRATION
BUILDING
200 E. MAIN ST.

EMERGENCY
EGRESS
UPGRADES
Durham, NC

PROJECT NUMBER:
25-015



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100% CD'S for BID

Revisions

Drawn BLN

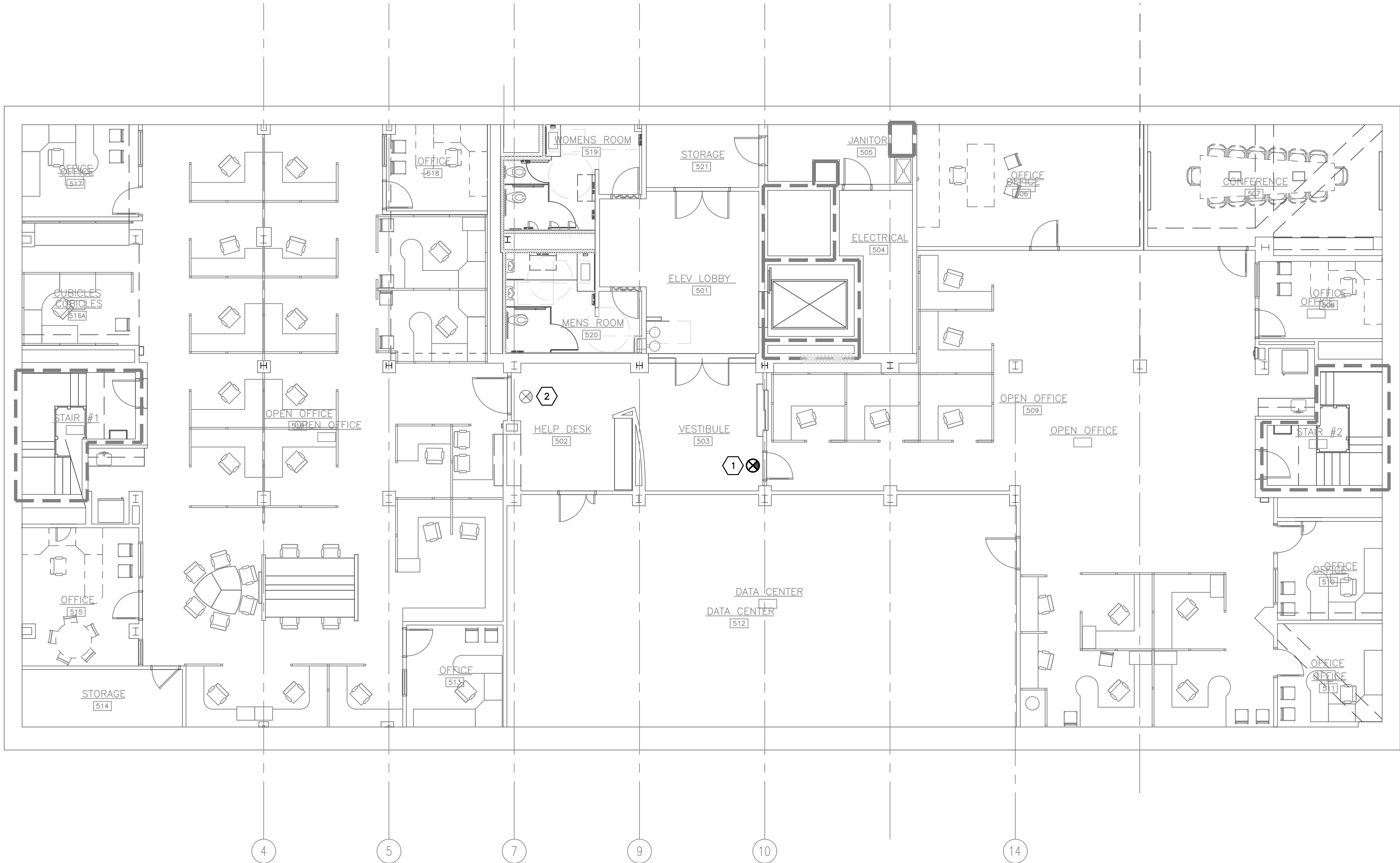
Checked ANR

Date AUGUST 30, 2026

Sheet

E1.5

Of



1
E1.5

Electrical Plan - Fifth Floor

SCALE: 1/8" = 1'-0"

RATED WALL LEGEND	
	1 HOUR FIRE BARRIER
	2 HOUR FIRE BARRIER