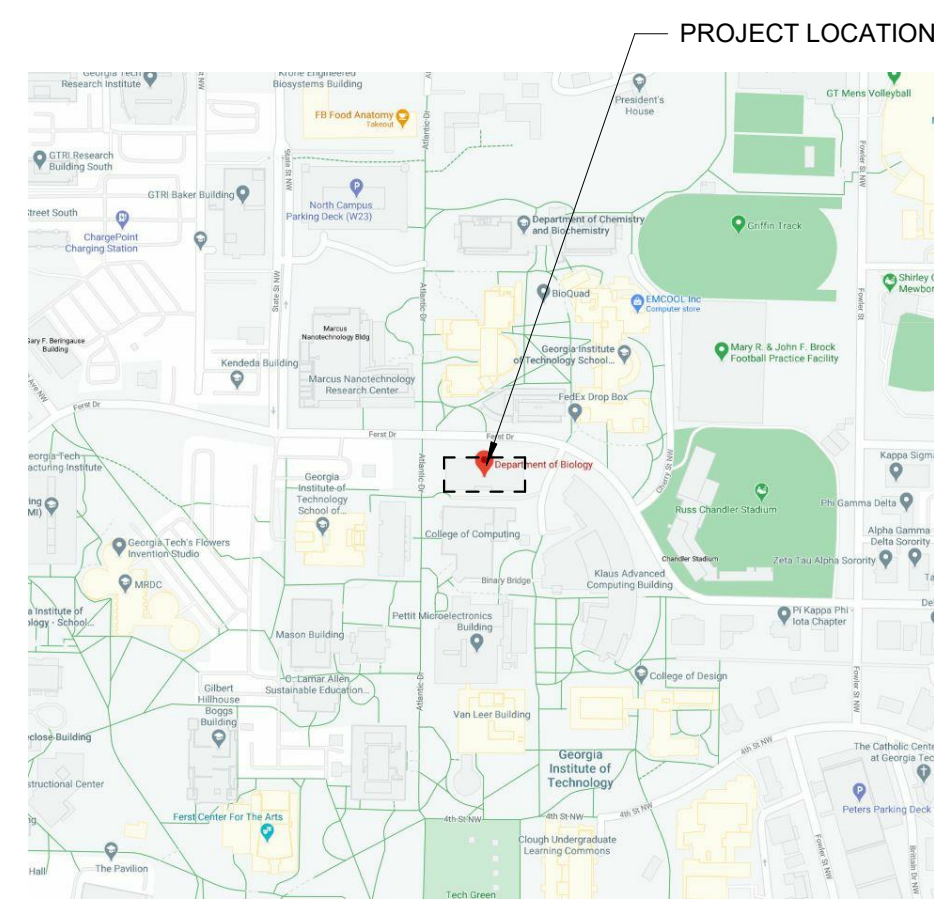


VICINITY MAP



PROJECT CONTACTS

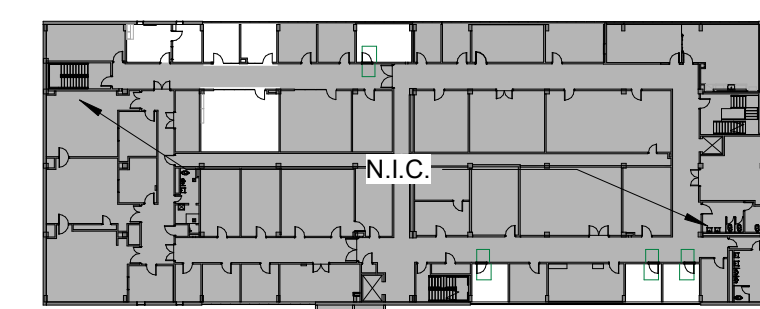
OWNER:
 GEORGIA INSTITUTE OF TECHNOLOGY
 CONTACT: NGUGI MATHU
 PHONE: 470.428.0160
 EMAIL: ngugi.mathu@facilities.gatech.edu

ARCHITECT:
 MAY ARCHITECTURE + INTERIORS
 CONTACT: SHELLY ATTILA
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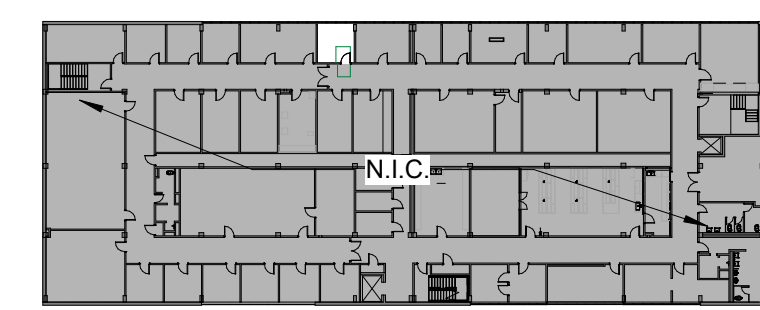
MECHANICAL, ELECTRICAL, PLUMBING ENGINEER:
 NEWCOMB & BOYD
 CONTACT: TODD MOWINSKI
 PHONE: 404.730.8485
 EMAIL: TMowinski@newcomb-boyd.com

GENERAL CONTRACTOR:
 WINTER CONSTRUCTION
 CONTACT: ANASTASIA DIAVOLITSIS
 PHONE: 404.416.6274
 EMAIL: adiavolitsis@winter-construction.com

KEY PLAN - LEVEL 2 & 3



1 LEVEL TWO KEY PLAN
 SCALE: 1" = 60'-0"



2 LEVEL THREE KEY PLAN
 SCALE: 1" = 60'-0"

211
 214/216
 217
 217A
 219
 219B
 229
 235
 237

313

SCOPE OF WORK
 NOT IN SCOPE

ISSUED NOT FOR CONSTRUCTION
 ISSUED STAMPED FOR CONSTRUCTION
 NOT ISSUED

| DRAWING INDEX | | 08.27.21 50% CONSTRUCTION DOCUMENTS | 12.15.21 CONSTRUCTION DOCUMENTS | 12.17.21 ISSUED FOR CONSTRUCTION |
|---------------|---|-------------------------------------|---------------------------------|----------------------------------|
| SHEET NUMBER | SHEET NAME | | | |
| G.000 | COVER SHEET | | | |
| G.010 | GENERAL NOTES & FINISHES | | | |
| G.101 | LIFE SAFETY PLAN | | | |
| A.001 | LEVELS 2 & 3 REFERENCE PLANS | | | |
| A.021 | LEVELS 2 & 3 DEMOLITION PLANS | | | |
| A.101 | LEVELS 2 & 3 FLOOR PLANS | | | |
| A.501 | LEVELS 2 & 3 REFLECTED CEILING PLAN | | | |
| A.820 | WALL TYPES, ELEVATIONS, DOOR SCHEDULE & DETAILS | | | |
| M.000 | HVAC LEGEND AND SPECIFICATIONS | | | |
| M.001 | HVAC SPECIFICATIONS | | | |
| M.002 | HVAC SPECIFICATIONS | | | |
| M.021 | HVAC LEVELS 1, 2 & 3 DEMOLITION PLANS | | | |
| M.101 | HVAC LEVELS 1, 2 & 3 FLOOR PLANS | | | |
| E.000 | ELECTRICAL LEGEND | | | |
| E.001 | ELECTRICAL SPECIFICATIONS AND SCHEDULES | | | |
| E.021 | ELECTRICAL LEVELS 1, 2 & 3 DEMOLITION PLANS | | | |
| E.101 | ELECTRICAL LEVELS 1, 2 & 3 FLOOR PLANS | | | |
| E.201 | ELECTRICAL DETAILS | | | |

| DRAWING SHEET ORGANIZATION LEGEND | |
|-----------------------------------|--|
| DRAWING NUMBER SERIES | SHEET TYPE DESCRIPTION |
| G.000'S | COVER SHEET AND DRAWING INDEX |
| G.010'S | GENERAL NOTES AND PROJECT INFORMATION |
| G.100'S | LIFE SAFETY PLANS |
| G.200'S | PHASING PLANS & NOTES |
| ...000'S | GENERAL DISCIPLINE NOTES & LEGENDS |
| ...020'S | EXISTING CONDITION / DEMOLITION PLANS |
| ...040'S | SITE PLANS |
| ...060'S | OVERALL PLANS |
| ...100'S | FLOOR PLANS |
| ...200'S | ENLARGED PARTIAL FLOOR PLANS |
| ...300'S | EXTERIOR CONDITIONS / ENVELOPE - EXTERIOR WALL SECTIONS, PLAN, & SECTION DETAILS |
| ...400'S | VERTICAL CIRCULATION - STAIRS, ELEVATORS, & ESCALATORS |
| ...500'S | REFLECTED CEILING PLANS |
| ...520'S | ENLARGED REFLECTED CEILING PLANS |
| ...540'S | CEILING DETAILS AND TRANSITIONS |
| ...600'S | INTERIOR BUILD OUT - INTERIOR ELEVATIONS, CASEWORK DETAILS |
| ...700'S | FINISHES, FURNISHINGS, & EQUIPMENT FLOOR PLANS |
| ...800'S | SCHEDULES & DETAILS |
| ...900'S | ADDITIONAL DESIGN ITEMS - CANOPIES, OUT-BUILDINGS, PYLON SIGNS |



GEORGIA INSTITUTE OF TECHNOLOGY
 CHERRY EMERSON WEITZ OFFICE
 RENOVATION
 ISSUED FOR CONSTRUCTION
 DECEMBER 17, 2021

THE PROJECT CONSISTS OF A FINISH RENOVATION OF TEN OFFICES ON THE SECOND AND THIRD FLOOR IN THE CHERRY EMERSON BUILDING ON THE GEORGIA INSTITUTE OF TECHNOLOGY CAMPUS. THE EXISTING BUILDING HOUSES LABORATORY AND ADMINISTRATIVE SPACES.

RENOVATION TOTAL SQUARE FOOTAGE = 1,754 SF

CURRENT APPLICABLE CODES

- LIFE SAFETY CODE NFPA 101
 - LIFE SAFETY CODE 2018 EDITION WITH 2020 GEORGIA STATE FIRE MARSHAL AMENDMENTS
- GEORGIA STATE MINIMUM STANDARD BUILDING CODE
 - INTERNATIONAL BUILDING CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020)
- GEORGIA STATE MINIMUM STANDARD FIRE CODE
 - INTERNATIONAL FIRE CODE, 2018 EDITION.
- GEORGIA STATE MINIMUM STANDARD PLUMBING CODE
 - INTERNATIONAL PLUMBING CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020)
- GEORGIA STATE MINIMUM STANDARD MECHANICAL CODE
 - INTERNATIONAL MECHANICAL CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020)
- GEORGIA STATE MINIMUM STANDARD GAS CODE
 - INTERNATIONAL FUEL GAS CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020)
- GEORGIA STATE MINIMUM STANDARD ELECTRICAL CODE
 - NATIONAL ELECTRICAL CODE, 2020 EDITION
- GEORGIA STATE MINIMUM STANDARD ENERGY CODE
 - INTERNATIONAL ENERGY CONSERVATION CODE, 2015 EDITION, WITH GEORGIA SUPPLEMENTS AND AMENDMENTS (2020)
- AMERICANS WITH DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN, 2010
- GEORGIA ACCESSIBILITY CODE 120-3-20
- GEORGIA STATE MINIMUM FIRE SAFETY STANDARDS 12-3-3 EFFECTIVE 01-01-20
- RULES OF THE STATE OF GEORGIA DEPARTMENT OF HUMAN RESOURCES PUBLIC HEALTH, CHAPTER 290-5-14, FOOD SERVICE

OCCUPANCY CLASSIFICATION

- PRIMARY - LIFE SAFETY CODE NFPA 101
 - EXISTING BUSINESS OCCUPANCY
- SUPPLEMENTAL - INTERNATIONAL BUILDING CODE
 - BUSINESS GROUP B OCCUPANCY

INTERIOR FINISH LIMITATIONS

ALL FINISHES USED ON THE PROJECT SHALL MEET THE FOLLOWING REQUIREMENTS PER NFPA 101: 10.2 AND 39.3.3:

LIFE SAFETY CODE NFPA 101 CHAPTER 10

- EXITS AND ACCESS TO EXITS
 - CLASS A OR B WALL AND CEILING FINISH
 - CLASS I OR II FLOOR FINISH
- OTHER SPACES
 - CLASS A, B OR C WALL AND CEILING FINISH

CONSTRUCTION TYPE

- PRIMARY - INTERNATIONAL BUILDING CODE
 - TYPE IIB - NON-COMBUSTIBLE, SPRINKLERED
 - SUPPLEMENTAL - LIFE SAFETY CODE NFPA 101
 - TYPE II (000), NON-COMBUSTIBLE, SPRINKLERED
- ***BUILDING WILL BE SPRINKLERED IN SEPARATE PROJECT SIMULTANEOUSLY DURING THE RENOVATION OF THIS PROJECT. PROJECT NAME: CHERRY EMERSON SCHOOL OF BIOLOGICAL SCIENCES

OCCUPANT LOADS - FIRST FLOOR

| OCCUPANCY USE GROUP | NAME | AREA(SQ FT) | AREA PER OCCUPANT | CALC. OCCUPANCY | ACTUAL OCCUPANTS | HIGHEST OCCUPANTS |
|---------------------|-------------------------------|-------------|-------------------|-----------------|------------------|-------------------|
| A15 | LOBBY/LOUNGE - N.I.C. | 170 | 15 | 12 | 12 | 12 |
| B150 | OFFICES & LABS - N.I.C. | 17362 | 150 | 116 | 120 | 120 |
| B50 | SHARED OFFICES - N.I.C. | 807 | 50 | 17 | 21 | 21 |
| S500 | MECHANICAL & STORAGE - N.I.C. | 995 | 500 | 1 | 3 | 3 |
| TOTAL FIRST FLOOR | | 19334 | | 146 | 156 | 156 |

OCCUPANT LOADS - SECOND FLOOR

| OCCUPANCY USE GROUP | NAME | AREA(SQ FT) | AREA PER OCCUPANT | CALC. OCCUPANCY | ACTUAL OCCUPANTS | HIGHEST OCCUPANTS |
|---------------------|-----------------------------------|-------------|-------------------|-----------------|------------------|-------------------|
| A15 | INTERACTION & CONFERENCE - N.I.C. | 723 | 15 | 49 | 29 | 49 |
| B150 | OFFICES & LABS - N.I.C. | 15177 | 150 | 102 | 113 | 113 |
| B150 | PRIVATE OFFICE | 118 | 150 | 1 | 113 | 113 |
| B50 | SHARED OFFICES | 1521 | 50 | 34 | 31 | 34 |
| B50 | SHARED OFFICES - N.I.C. | 884 | 50 | 18 | 19 | 19 |
| S500 | MECHANICAL & STORAGE - N.I.C. | 1005 | 500 | 1 | 3 | 3 |
| TOTAL SECOND FLOOR | | 19428 | | 250 | 308 | 331 |

OCCUPANT LOADS - THIRD FLOOR

| OCCUPANCY USE GROUP | NAME | AREA(SQ FT) | AREA PER OCCUPANT | CALC. OCCUPANCY | ACTUAL OCCUPANTS | HIGHEST OCCUPANTS |
|---------------------|---------------------------------|-------------|-------------------|-----------------|------------------|-------------------|
| A15 | CLASSROOM & CONFERENCE - N.I.C. | 2041 | 15 | 137 | 121 | 137 |
| B150 | OFFICES & LABS - N.I.C. | 16250 | 150 | 109 | 123 | 123 |
| B50 | SHARED OFFICE | 138 | 50 | 3 | 3 | 3 |
| S500 | MECHANICAL & STORAGE - N.I.C. | 1035 | 500 | 1 | 3 | 3 |
| TOTAL THIRD FLOOR | | 19465 | | 250 | 250 | 266 |

EGRESS CAPACITY AND COMPONENTS - BUILDING

| EGRESS COMPONENT | MIN. / MAX. REQUIRED | CODE REF. | ACTUAL |
|--------------------------|----------------------|---------------------------------|-------------------|
| STAIRWAYS (MIN.) | 44" | NFPA 7.2.2.2.1.1 OR 7.2.2.2.1.2 | 44" |
| NUMBER OF EXITS (MIN.) | 3 | NFPA 7.14.5 | 3 / 5 |
| EXIT SEPARATION (MIN.) | 80' | NFPA 7.1.3.2.1, 7.5.8.2 | 183'-6" / 218'-7" |
| COMMON PATH (MAX.) | 100' | NFPA TABLE A.7.6 | 45' |
| TRAVEL DISTANCE (MAX.) | 300' | NFPA TABLE A.7.6 | 103.9' |
| CORRIDOR WIDTH (MIN.) | 44" | NFPA 7.3.4 | 59" |
| DEAD END CORRIDOR (MAX.) | 50' | NFPA TABLE A.7.6 | 12' |

PLUMBING FIXTURE COUNT - BUILDING

| PLUMBING FIXTURES | PROVIDED |
|--------------------|----------|
| WATER CLOSETS | 21 |
| LAVATORIES | 14 |
| DRINKING FOUNTAINS | 6 |
| SERVICE SINKS | 3 |



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 COLONY SQUARE BUILDING 100
 ATLANTA, GEORGIA 30361 | 404-614-0700
 WWW.MAYARCHITECTURE.COM

CONSULTANTS

NEWCOMB & BOYD
 MECHANICAL, ELECTRICAL, & PLUMBING ENGINEERING



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CHERRY EMERSON WEITZ RENOVATION

CHERRY EMERSON BUILDING
 310 FERST DRIVE
 ATLANTA, GA 30332

OWNER PROJECT NO.
 0033-2022
 PROJECT NO. 2021064

ISSUE DATE 12.17.21
 ISSUED FOR CONSTRUCTION

REVISIONS DATE

COVER SHEET

SCALE As indicated

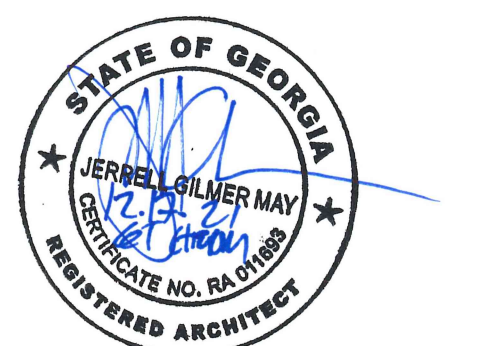
G.000



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CHERRY
EMERSON WEITZ
RENOVATION

CHERRY EMERSON BUILDING
310 FERST DRIVE
ATLANTA, GA 30332

OWNER PROJECT NO.
0033-2022
PROJECT NO. 2021064

ISSUE DATE 12.17.21
ISSUED FOR CONSTRUCTION

REVISIONS DATE

GENERAL NOTES &
FINISHES

SCALE As indicated

G.010

GENERAL NOTES

- 1. THESE NOTES SHALL APPLY TO ALL PROJECT CONTRACT DOCUMENTS, REGARDLESS OF ORIGINATION OR DISCIPLINE. SEE APPROPRIATE DISCIPLINES FOR ADDITIONAL GENERAL NOTES AND INFORMATION FOR OTHER DISCIPLINES. THE SCOPE OF SERVICES OF MAY ARCHITECTURE + INTERIORS LLC AND ITS CONSULTANTS AND THESE RESULTING DOCUMENTS DO NOT INCLUDE ANY SERVICES OR INFORMATION RELATED TO ASBESTOS OR HAZARDOUS OR TOXIC MATERIALS. IN THE EVENT THAT ASBESTOS OR HAZARDOUS OR TOXIC MATERIALS ARE ENCOUNTERED ON THIS JOBSITE, OR SHOULD IT BECOME KNOWN IN ANY WAY THAT SUCH MATERIALS MAY BE PRESENT AT THE JOBSITE OR ANY ADJACENT AREAS, PERFORMANCE OF SERVICES ON THE PROJECT SHALL BE SUSPENDED UNTIL THE OWNER RETAINS APPROPRIATE SPECIALIST CONSULTANTS AND CONTRACTORS TO IDENTIFY, ABATE AND/OR REMOVE THE SUBJECT MATERIALS.
2. PRIOR TO AND DURING DEMOLITION, REVIEW WALLS, FLOORS AND CEILINGS, ETC. FOR VENT STACKS, RAIN LEADERS, WIRING, ETC. THAT MAY BE CONCEALED IN WALLS SCHEDULED TO BE REMOVED. PROPERLY TERMINATE, CAP, OR REROUTE SUCH ITEMS AS REQUIRED.
3. CONTRACTOR IS TO PROCEED WITH CAUTION DURING THE DEMOLITION PROCESS AND IS TO NOTIFY THE OWNER AND ARCHITECT IF AT ANY TIME THERE ARE QUESTIONS OR UNCERTAINTY REGARDING THE STRUCTURAL NATURE OF AN ELEMENT TO BE REMOVED. PROVIDE AND MAINTAIN TEMPORARY SHORING, BRACING OR OTHER STRUCTURAL SUPPORT AS REQUIRED TO PRESERVE THE STABILITY OF THE WORK TO REMAIN. PROVIDE SUPPORTS AND PERFORM THE WORK IN A MANNER TO AVOID MOVEMENT, SETTLEMENT OR COLLAPSE OF WORK TO REMAIN AND THE UNCONTROLLED COLLAPSE OF WORK TO BE DEMOLISHED. ADD OR STRENGTHEN EXISTING SUPPORTS FOR WORK TO REMAIN WHERE REQUIRED AS A RESULT OF ITEMS BEING REMOVED.
4. AFTER EXISTING ITEMS ARE REMOVED AND BEFORE PROCEEDING WITH NEW WORK, CONTRACTOR IS TO NOTIFY THE OWNER AND ARCHITECT IMMEDIATELY OF ANY AREAS WHERE DETERIORATION OF THE SUBSTRATE OR UNDERLYING STRUCTURE IS OBSERVED.
5. DURING DEMOLITION, MAINTAIN SAFE EGRESS ROUTES AS REQUIRED BY APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. PROTECT ALL EXISTING ACTIVE UTILITIES. COORDINATE WITH OWNER, AFFECTED ENTITIES, AND AUTHORITIES HAVING JURISDICTION FOR SAFE SHUTDOWN AND DISCONNECTION OF UTILITIES WHERE REQUIRED.
6. WHERE PRESENT, MAINTAIN AND DO NOT REMOVE THE EXISTING FIRE EXTINGUISHERS, AND FIRE VALVE AND HOSE CABINETS THROUGHOUT THE BUILDING.
7. PROTECT ALL FIRE ALARM SYSTEM DEVICES, PANELS, WIRING AND EXIT SIGNAGE DURING DEMOLITION.
8. PROTECT ALL FIRE SPRINKLER PIPING AND SPRINKLER HEADS DURING DEMOLITION.
9. PROTECT ALL WORK THAT IS TO REMAIN OR NOT OTHERWISE NOTED TO BE REMOVED. CONTRACTOR IS TO REPAIR ANY DAMAGE DONE BY THE CONTRACTOR AS A RESULT OF THE CONTRACTOR'S WORK BACK TO THE ORIGINAL CONDITION.
10. WHERE WALLS ARE REMOVED, GRIND SLAB SMOOTH TO REMOVE ANY EVIDENCE OF PREVIOUS WALL.
11. WHERE CEILINGS ARE SCHEDULED TO BE REMOVED, REMOVE TILE, GRID, AND HANGER WIRES.
12. WHERE ITEMS OR SYSTEMS ARE REMOVED THROUGH SLABS, WALLS, CEILINGS OR DECKING THAT IS TO REMAIN, PATCH RESULTING OPENINGS TO MATCH ADJACENT MATERIAL. PATCHING SHALL BE OF THE SAME MATERIAL, FINISH, TEXTURE AND QUALITY OF THE ADJACENT MATERIAL. INSTALL FLUSH AND SMOOTH WITH ADJACENT MATERIALS, IN A MANNER SUCH TO CREATE AN EVEN AND UNIFORM APPEARANCE, ELIMINATING ALL POSSIBLE VISUAL EVIDENCE OF THE PATCH.
13. WHERE FLOORING MATERIALS ARE SCHEDULED TO BE REMOVED, REMOVE EXISTING ADHESIVE, ETC. FROM SLAB. PREPARE SLAB TO BE EVEN AND SMOOTH TO RECEIVE NEW FINISHES.
14. ALL WALLS, CEILINGS, FLOORING MATERIALS, EQUIPMENT, ETC. NOT NOTED TO BE REMOVED SHALL REMAIN. IN THE EVENT THAT ADDITIONAL ITEMS ARE REQUIRED TO BE REMOVED TO PERFORM THE WORK - REINSTALL, REPAIR, OR REPLACE TO RETURN TO ORIGINAL CONDITION.
15. WHERE ABANDONED DEVICES, FIXTURES, PIPING OR CONDUIT ARE ENCOUNTERED DURING DEMOLITION, CLEARLY IDENTIFY THESE ITEMS AS NOT IN SERVICE AND COORDINATE WITH OWNER FOR DIRECTION AS TO WHETHER THESE ITEMS ARE TO BE ABANDONED, REMOVED, FILLED WITH GROUT, OR OTHERWISE RENDERED NOT IN SERVICE. WHERE NOT REMOVED OR FILLED, CAP, SEAL AND PROVIDE OWNER RECORD OF LOCATION AND EXTENT.
16. WHERE SERVICE ITEMS PENETRATE WALLS, BRACE STUDS AND FRAME TO STRUCTURE TO PROVIDE SUFFICIENT SUPPORT.
17. SEE SHEET A.002 FOR MOUNTING HEIGHT AND ALIGNMENT OF TYPICAL WALL MOUNTED ITEMS.
18. BUILDING TO REMAIN OPERATIONAL DURING ALL PHASES OF CONSTRUCTION. COORDINATE WITH OWNER TO PROVIDE FOR ONGOING OPERATIONAL ACCESS AND FOR APPROVED STAGING AREAS. SEQUENCE THE WORK TO PROVIDE MINIMUM DISRUPTION TO THE OWNER.
19. CONTRACTOR TO PROVIDE TEMPORARY SAFETY BARRIERS AS REQUIRED TO RESTRICT ACCESS TO THE CONSTRUCTION AREA DURING CONSTRUCTION. BARRIERS MUST NOT IMPEDE THE EMERGENCY EGRESS FROM THE BUILDING. WHERE EGRESS MUST BE REROUTED, PROVIDE TEMPORARY SIGNAGE AS REQUIRED TO DIRECT OCCUPANTS TO THE CORRECT EXITS.
20. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING WORK, ORDERING, FABRICATING AND INSTALLING. CONTRACTOR SHALL REPORT TO THE ARCHITECT ANY ERROR OR OMISSION DISCOVERED IN THE CONTRACT DOCUMENTS, OR ANY VARIATION BETWEEN THE CONTRACT DOCUMENTS AND THE EXISTING CONDITIONS. SUCH REPORT SHALL BE MAINTAINED AND PROCEEDING WITH THE AFFECTED WORK AND IN A TIMELY MANNER SUCH THAT A WRITTEN CLARIFICATION MAY BE ISSUED.
21. WHERE THE EXISTING SLAB MUST BE CORED FOR ANY REASON INCLUDING FOR NEW ELECTRICAL OR PLUMBING OR OTHER UTILITIES, CONTRACTOR IS TO ENGAGE A TESTING COMPANY TO IMAGE THE SLAB IN AREA OF CORING TO IDENTIFY REINFORCING STEEL, PRE- OR POST-TENSIONING TENDONS, ELECTRICAL CONDUIT, AND OTHER SIMILAR ITEMS POTENTIALLY EMBEDDED IN THE SLAB. COSTS OF IMAGING SHALL BE PAID BY CONTRACTOR AS PART OF BASE CONSTRUCTION COST.
22. SEQUENCE AND COORDINATE WORK BETWEEN ALL DISCIPLINES AND TRADES TO ENSURE WORK IS INSTALLED WITH REQUIRED FINISHED CLEARANCES. ALL DIMENSIONS ARE TO FINISHED FACE OF WALL UNLESS NOTED OTHERWISE. "ALIGN" AS NOTED IN THE CONTRACT DOCUMENTS SHALL MEAN "ALIGN WITH THE FINISH FACE OF WALL, COLUMN, CASEWORK, ETC.," AS INDICATED.
23. RATED WALLS SHALL EXTEND FROM FLOOR SLAB TO STRUCTURE ABOVE AND SHALL BE CONSTRUCTED PER APPLICABLE CODE REQUIREMENTS.
24. WHERE NEW WORK AND/OR PENETRATIONS ARE MADE AT EXISTING RATED WALLS, MAINTAIN/RESTORE INTEGRITY OF NEW OR EXISTING WALL RATING. COORDINATE & PROVIDE BLOCKING IN NEW AND EXISTING WALLS AS REQUIRED TO SUPPORT NEW MILLWORK, SHELVING, SEATING, EQUIPMENT, ETC. ALL WOOD BLOCKING SHALL BE FIRE RATED. BLOCKING IN EXTERIOR WALL/ROOF ASSEMBLIES SHALL BE PRESSURIZED.
25. INSTALL SEALANT AT ALL TRANSITIONS BETWEEN MATERIALS INCLUDING AT ALL CEILING, WALL, AND FLOOR TRANSITIONS.
26. PROVIDE ACCESS PANELS AT ALL INACCESSIBLE CEILINGS, SIZE AND LOCATIONS SHALL BE DETERMINED BY THE LOCATIONS OF VALVES, FILTERS, AND OTHER MECHANICAL & ELECTRICAL ACCESS REQUIREMENTS. COORDINATE LOCATIONS OF SUCH ITEMS AND THEIR ASSOCIATED ACCESS PANELS WITH ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION OF ITEMS AND ACCESS PANELS.
27. UNLESS NOTED OTHERWISE, VERTICAL PIPES AND COLUMNS EXPOSED IN ROOMS SHALL BE CONCEALED WITH METAL STUDS AND GYP. BOARD FINISH TO MATCH ADJACENT WALL SURFACE.
28. ANY CIVIL, LANDSCAPE, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND EQUIPMENT WORK SHOWN ON THE ARCHITECTURAL DRAWINGS ARE FOR COORDINATION PURPOSES ONLY. QUANTITIES AND LOCATIONS ARE APPROXIMATE AND MAY BE INCOMPLETE OR INACCURATE. REFER TO APPLICABLE DISCIPLINE FOR INFORMATION RELATED TO THAT DISCIPLINE. NOTE THAT CERTAIN EQUIPMENT, PLUMBING, MECHANICAL & ELECTRICAL ITEMS MAY BE SHOWN HERE FOR REFERENCE ONLY. SEE EQUIPMENT, PLUMBING, MECHANICAL & ELECTRICAL DRAWINGS FOR INFORMATION REGARDING EQUIPMENT, PLUMBING, MECHANICAL & ELECTRICAL ITEMS TO BE REMOVED AND/OR TO REMAIN.
29. NOT USED.
30. ALL MILLWORK SHALL COMPLY WITH ARCHITECTURAL WOODWORK INSTITUTE (AWI) QUALITY STANDARDS, 2ND EDITION, 2014.
31. CONTRACTOR IS TO MAINTAIN A NEAT, CLEAN AND ORDERLY SITE. CONTRACTOR IS TO PERFORM A FINAL CLEAN OF ALL NEW WORK AND ALL EXISTING AREAS/ITEMS AFFECTED BY THE PERFORMANCE OF THE PROJECT WORK AT THE COMPLETION OF THE PROJECT.

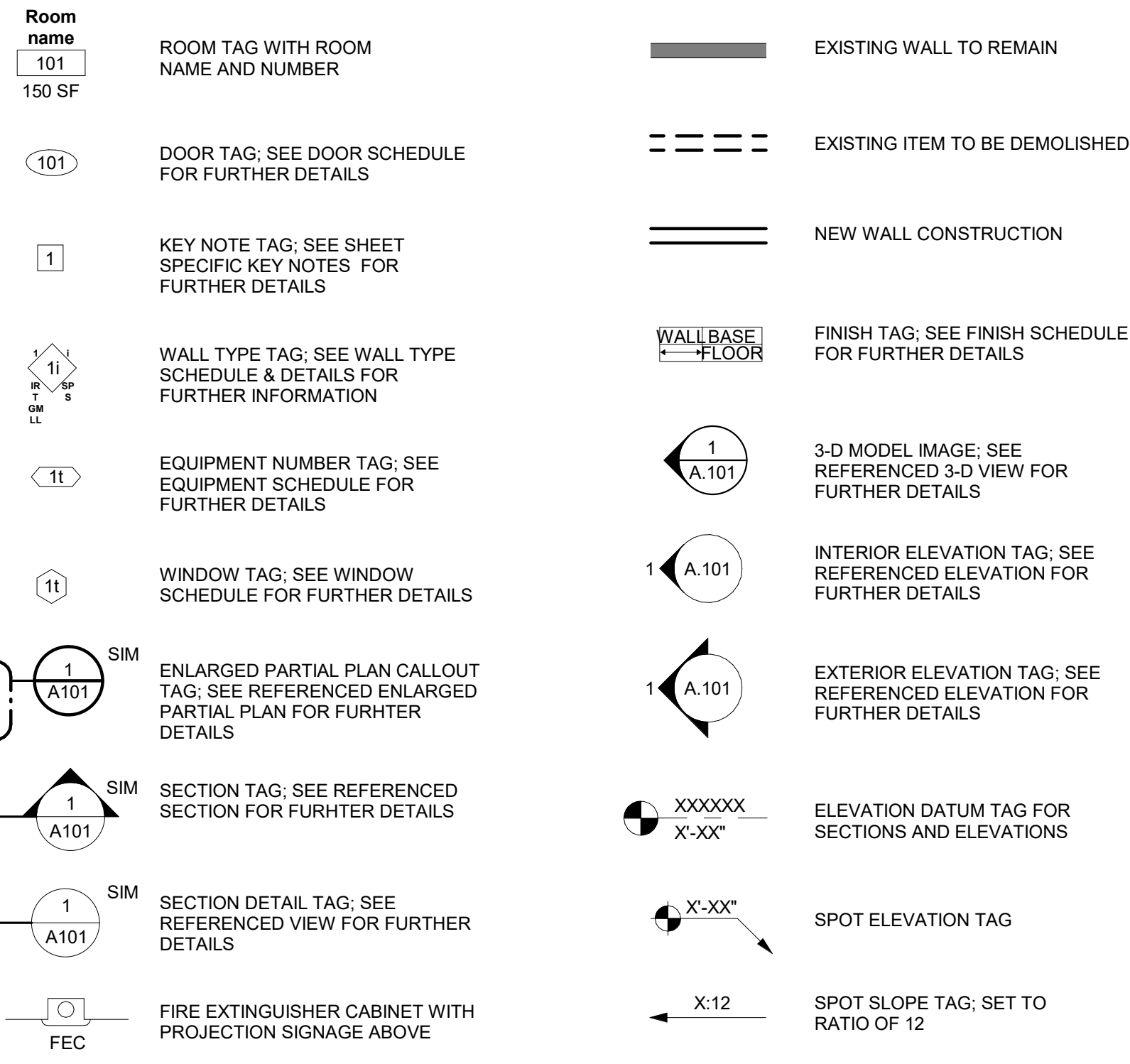
ARCHITECTURAL ABBREVIATIONS

ABBREVIATIONS INDICATED BELOW ARE FOR REFERENCE ON ALL "A" SERIES DRAWINGS. FOR ALL OTHER DISCIPLINES REFER TO THEIR CORRESPONDING REFERENCE SHEET.

NOT ALL ABBREVIATIONS MAY APPEAR ON THIS SHEET. IN CASE AN ABBREVIATION DOES NOT APPEAR BELOW OR APPEARS TO CONTRADICT THE INFORMATION BELOW, IMMEDIATELY REPORT ANY DISCREPANCIES TO THE ARCHITECT.

Table with columns A through Z listing architectural abbreviations and their meanings, such as ACP (Acoustic Ceiling Panel), H (High), Q (None), etc.

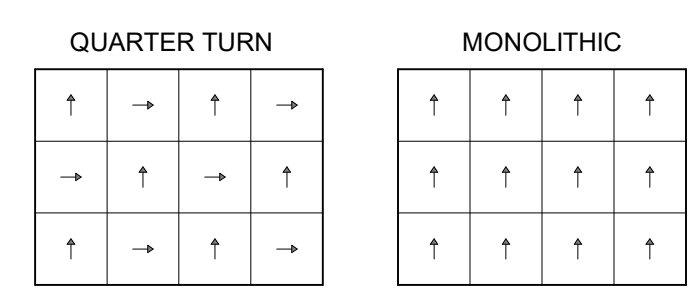
ARCHITECTURAL SYMBOL LEGEND



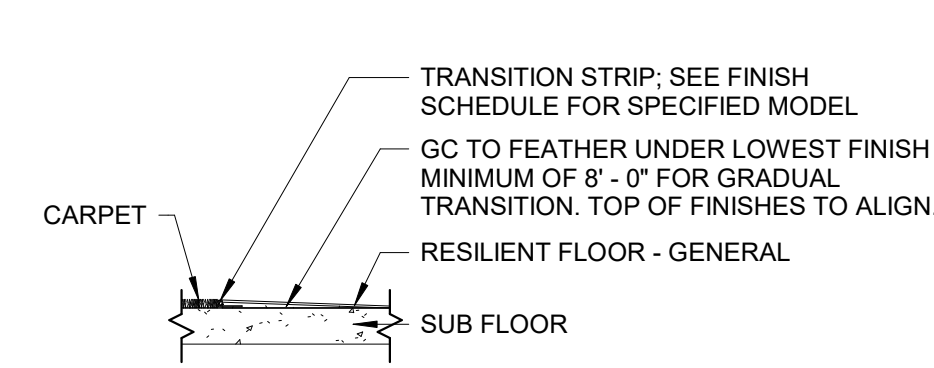
FINISH LEGEND

Table with columns: LEGEND, MATERIAL, MANUFACTURER, STYLE, COLOR, DESCRIPTION, NOTES, INSTALLATION COMMENTS, FINISH CLASSIFICATION. Lists finishes for Ceilings, Floor Finishes, Millwork, Transition Strip, Wall Base, Wall Finishes, and Window Treatment.

FLOORING PATTERN LEGEND



FINISH TRANSITION DETAILS



TRANSITION AT CARPET TO RESILIENT FLOORING

ALL FINISHES TO BE IN COMPLIANCE WITH NFPA 101: 10.2 AND 39.3.3

FINISH TAG LEGEND

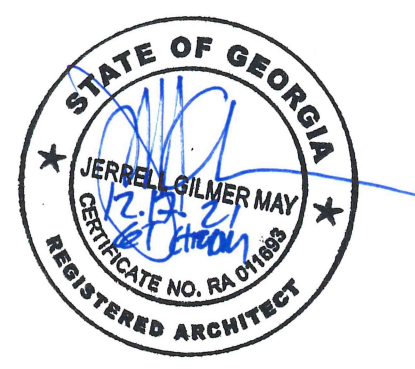


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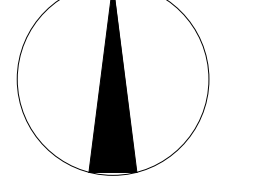


CHERRY EMERSON WEITZ RENOVATION

CHERRY EMERSON BUILDING
310 FERST DRIVE
ATLANTA, GA 30332

OWNER PROJECT NO.
0033-2022
PROJECT NO. 2021064

TRUE NORTH



ISSUE DATE 12.17.21
ISSUED FOR CONSTRUCTION

REVISIONS DATE

LIFE SAFETY PLAN

SCALE As indicated

G.101

| LIFE SAFETY PLAN LEGEND | |
|--|----------------------------------|
| FIRE AND SMOKE PROTECTIVE BARRIERS AND PARTITIONS | |
| 1 HOUR BARRIERS | |
| | 1 HOUR FIRE RATED. |
| 2 HOUR BARRIERS | |
| | 2 HOUR FIRE RATED. |
| SMOKE COMPARTMENTS | |
| | SMOKE COMPARTMENT BARRIER EXTENT |
| FIRE AND SMOKE PROTECTIVE HARDWARE DEVICES | |
| | EXIT LIGHT |
| | FIRE EXTINGUISHER CABINET |

| OCCUPANCY LEGEND | |
|------------------|--------------------------------------|
| | BUSINESS |
| | CONCENTRATED BUSINESS |
| | ASSEMBLY |
| | STORAGE |
| | N.I.C. - BUSINESS, ASSEMBLY, STORAGE |

OCCUPANT LOADS - FIRST FLOOR

| OCCUPANCY USE GROUP | NAME | AREA(SQ FT) | AREA PER OCCUPANT | CALC. OCCUPANCY | ACTUAL OCCUPANTS | HIGHEST OCCUPANTS |
|---------------------|-------------------------------|-------------|-------------------|-----------------|------------------|-------------------|
| A15 | LOBBY/LOUNGE - N.I.C. | 170 | 15 | 12 | 12 | 12 |
| B150 | OFFICES & LABS - N.I.C. | 17362 | 150 | 116 | 120 | 120 |
| B50 | SHARED OFFICES - N.I.C. | 807 | 50 | 17 | 21 | 21 |
| S500 | MECHANICAL & STORAGE - N.I.C. | 995 | 500 | 1 | 3 | 3 |
| TOTAL FIRST FLOOR | | 19334 | | 146 | 156 | 156 |

OCCUPANT LOADS - SECOND FLOOR

| OCCUPANCY USE GROUP | NAME | AREA(SQ FT) | AREA PER OCCUPANT | CALC. OCCUPANCY | ACTUAL OCCUPANTS | HIGHEST OCCUPANTS |
|---------------------|-----------------------------------|-------------|-------------------|-----------------|------------------|-------------------|
| A15 | INTERACTION & CONFERENCE - N.I.C. | 723 | 15 | 49 | 29 | 49 |
| B150 | OFFICES & LABS - N.I.C. | 15177 | 150 | 102 | 113 | 113 |
| B150 | PRIVATE OFFICE | 118 | 150 | 1 | 113 | 113 |
| B50 | SHARED OFFICES | 1521 | 50 | 34 | 31 | 34 |
| B50 | SHARED OFFICES - N.I.C. | 884 | 50 | 18 | 19 | 19 |
| S500 | MECHANICAL & STORAGE - N.I.C. | 1005 | 500 | 1 | 3 | 3 |
| TOTAL SECOND FLOOR | | 19428 | | | 308 | 331 |

OCCUPANT LOADS - THIRD FLOOR

| OCCUPANCY USE GROUP | NAME | AREA(SQ FT) | AREA PER OCCUPANT | CALC. OCCUPANCY | ACTUAL OCCUPANTS | HIGHEST OCCUPANTS |
|---------------------|---------------------------------|-------------|-------------------|-----------------|------------------|-------------------|
| A15 | CLASSROOM & CONFERENCE - N.I.C. | 2041 | 15 | 137 | 121 | 137 |
| B150 | OFFICES & LABS - N.I.C. | 16250 | 150 | 109 | 123 | 123 |
| B50 | SHARED OFFICE | 138 | 50 | 3 | 3 | 3 |
| S500 | MECHANICAL & STORAGE - N.I.C. | 1035 | 500 | 1 | 3 | 3 |
| TOTAL THIRD FLOOR | | 19465 | | 250 | 250 | 266 |

EGRESS CAPACITY AND COMPONENTS - BUILDING

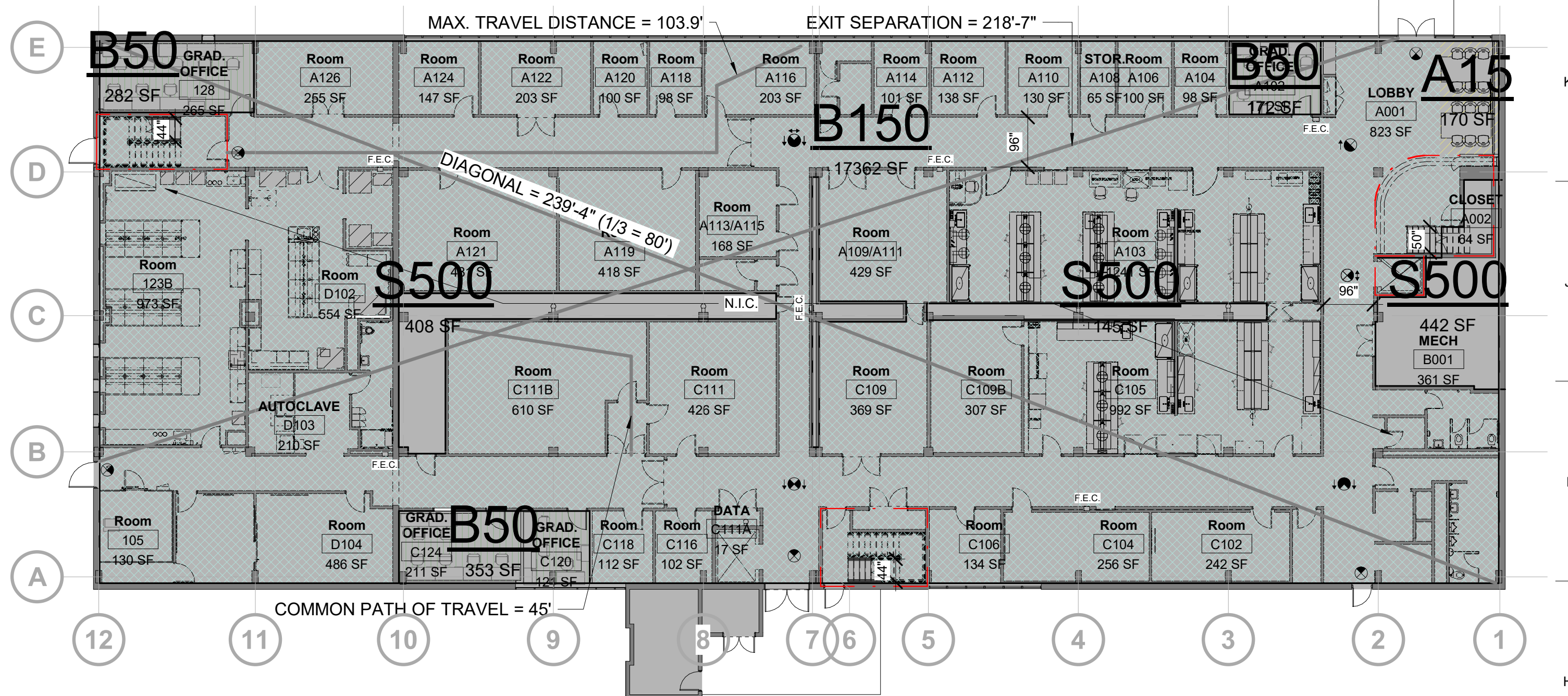
| EGRESS COMPONENT | MIN. / MAX. REQUIRED | CODE REF. | ACTUAL |
|--------------------------|----------------------|---------------------------------|-------------------|
| STAIRWAYS (MIN.) | 44" | NFPA 7.2.2.2.1.1 OR 7.2.2.2.1.2 | 44" |
| NUMBER OF EXITS (MIN.) | 3 | NPFA 7.14.5 | 3 / 5 |
| EXIT SEPARATION (MIN.) | 80" | NFPA 7.1.3.2.1, 7.5.8.2 | 183'-6" / 218'-7" |
| COMMON PATH (MAX.) | 100' | NFPA TABLE A.7.6 | 45' |
| TRAVEL DISTANCE (MAX.) | 300' | NFPA TABLE A.7.6 | 103.9' |
| CORRIDOR WIDTH (MIN.) | 44" | NFPA 7.3.4 | 59" |
| DEAD END CORRIDOR (MAX.) | 50' | NFPA TABLE A.7.6 | 12' |

PLUMBING FIXTURE COUNT - BUILDING

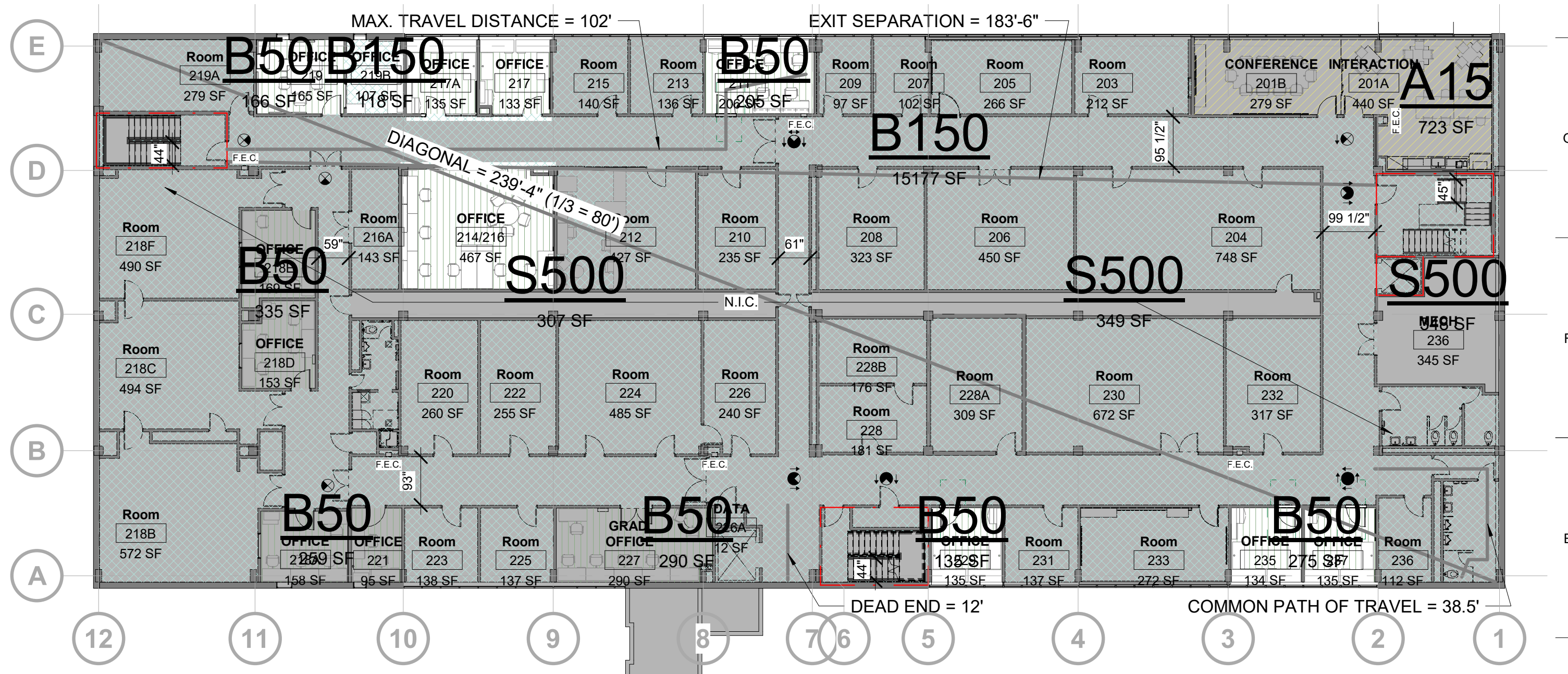
| PLUMBING FIXTURES | PROVIDED |
|--------------------|----------|
| WATER CLOSETS | 21 |
| LAVATORIES | 14 |
| DRINKING FOUNTAINS | 6 |
| SERVICE SINKS | 3 |

LIFE SAFETY PLAN GENERAL NOTES

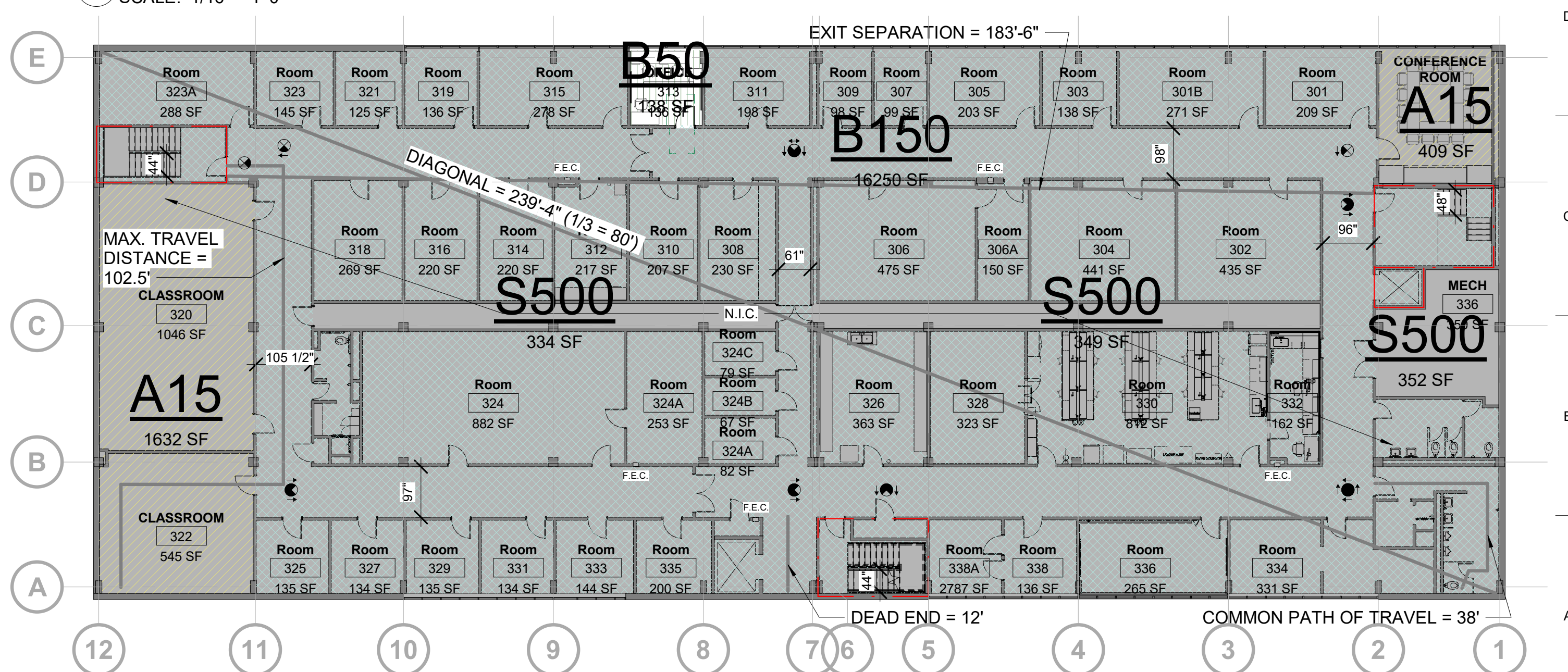
1. ALL FIRE AND/OR SMOKE BARRIERS OR WALLS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING ABOVE A FINISH CEILING AND/OR IN CONCEALED SPACES WITH LETTERS ACCORDING TO ALL APPLICABLE CODES.
2. RATED WALLS SHOWN ARE ASSUMPTIONS BASED ON ORIGINAL CONSTRUCTION DRAWINGS AND EXISTING CONDITIONS.



1 LEVEL 1 LIFE SAFETY PLAN
SCALE: 1/16" = 1'-0"



2 LEVEL 2 LIFE SAFETY PLAN
SCALE: 1/16" = 1'-0"



3 LEVEL 3 LIFE SAFETY PLAN
SCALE: 1/16" = 1'-0"

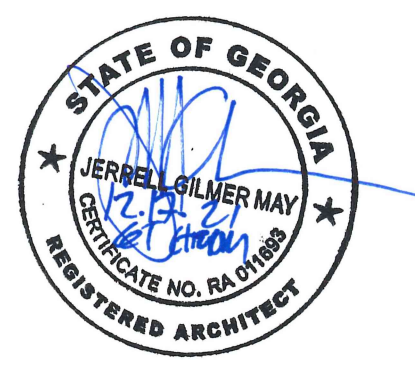
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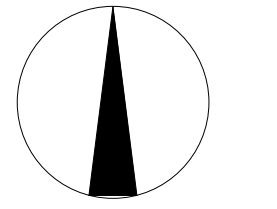


CHERRY EMERSON WEITZ RENOVATION

CHERRY EMERSON BUILDING
310 FERST DRIVE
ATLANTA, GA 30332

OWNER PROJECT NO.
0033-2022
PROJECT NO. 2021064

TRUE NORTH



ISSUE DATE 12.17.21
ISSUED FOR CONSTRUCTION

REVISIONS DATE

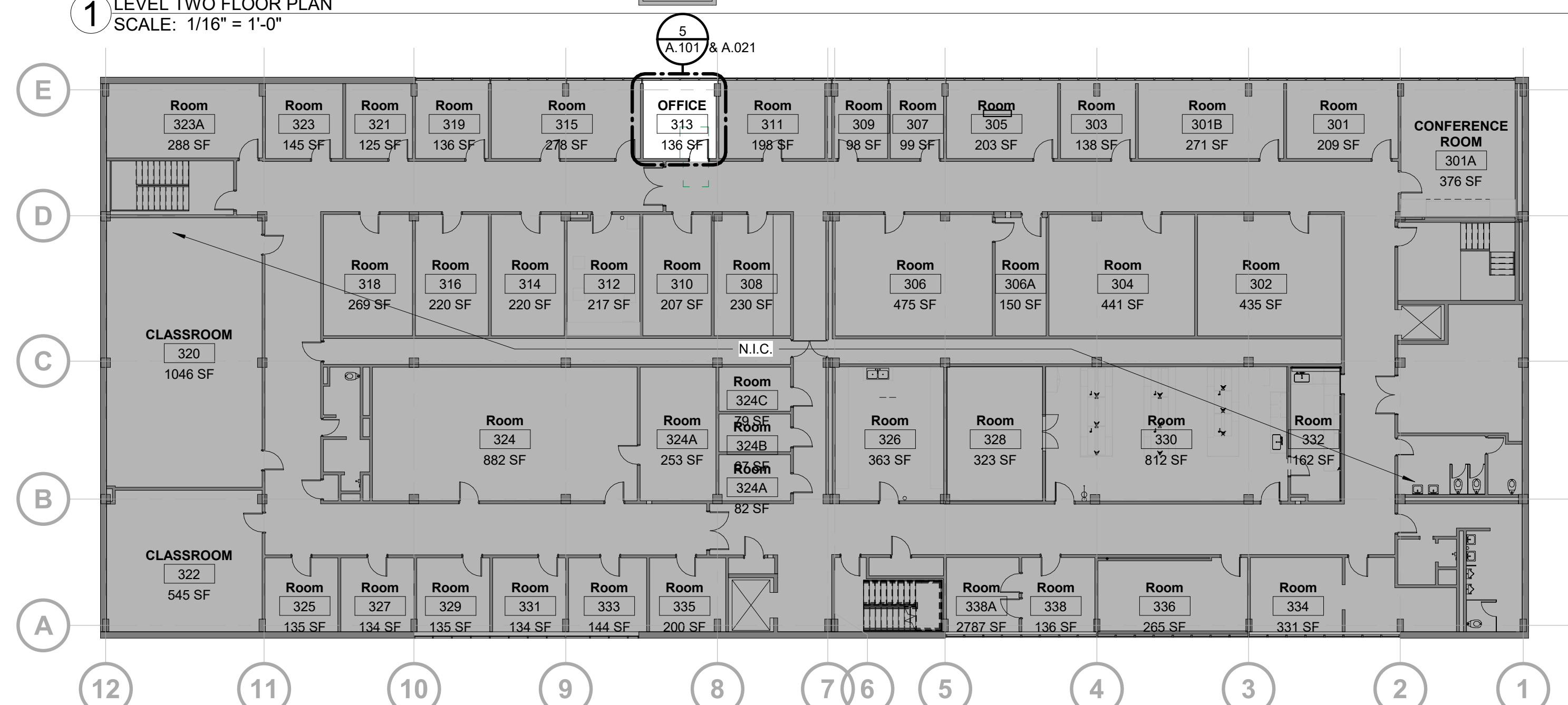
LEVELS 2 & 3
REFERENCE PLANS

SCALE 1/16" = 1'-0"

A.001



1 LEVEL TWO FLOOR PLAN
SCALE: 1/16" = 1'-0"



2 LEVEL THREE FLOOR PLAN
SCALE: 1/16" = 1'-0"

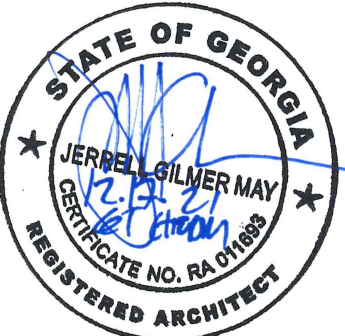
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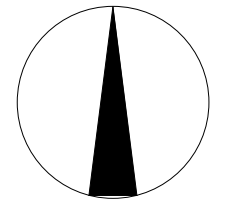


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LEVELS 2 & 3 DEMOLITION PLANS

SCALE 1/4" = 1'-0"

A.021

DEMOLITION PLAN KEYNOTES

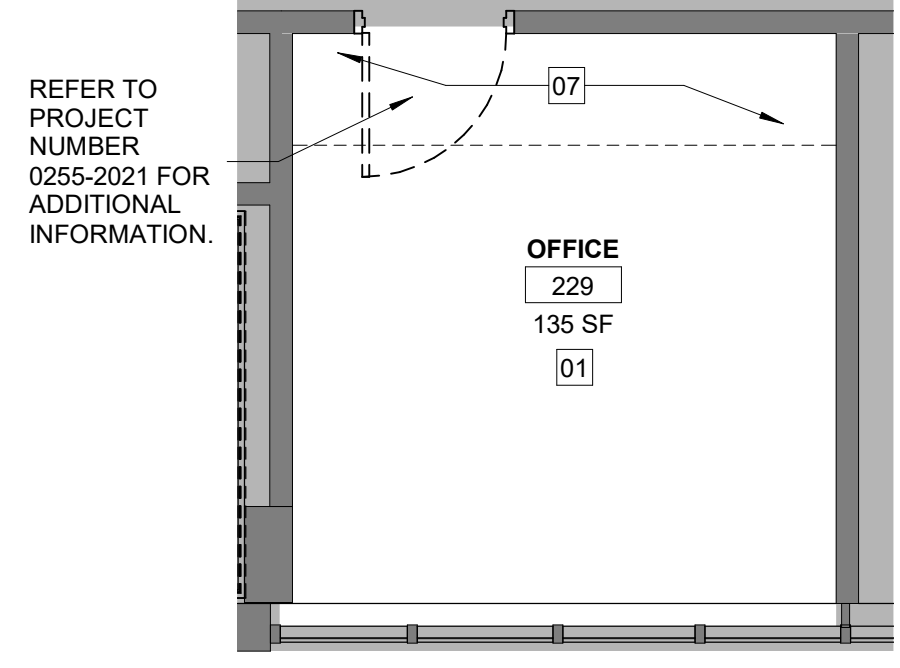
- 01 REMOVE WALL FINISHES, FLOORING AND WALL BASE. PROPERLY REMOVE AND DISPOSE OF MATERIALS CONTAINING ASBESTOS. REMOVE CEILING TILE (ONLY REPLACE DAMAGED ACT IN OFFICE 237) AND LIGHT FIXTURES. PROTECT CEILING GRID.
- 02 REMOVE LIGHT FIXTURES AND DAMAGED CEILING TILE. PROTECT CEILING GRID.
- 03 REMOVE CMU WALL TO DECK AS INDICATED BY DASHED LINES IN PREPARATION FOR GLASS WALL.
- 04 REMOVE CASEWORK OR MILLWORK AS INDICATED BY DASHED LINES.
- 05 REMOVE DOOR AS INDICATED BY DASHED LINES.
- 06 PROTECT DOOR DURING CONSTRUCTION.
- 07 REMOVE CEILING TILE AND CEILING GRID IN PREPARATION FOR SOFFIT. REFER TO RCP.
- 08 PROTECT BLACKBOARDS.
- 09 REMOVE AND RETURN (1) BLACKBOARD TO OWNER.
- 10 REMOVE AND RETURN FURNITURE TO OWNER FOR REUSE.
- 11 PROTECT EXISTING MILLWORK TO REMAIN.
- 12 REMOVE NON-ADA COMPLIANT HANDLE IN PREPARATION FOR NEW LEVER.

GENERAL DEMOLITION NOTES

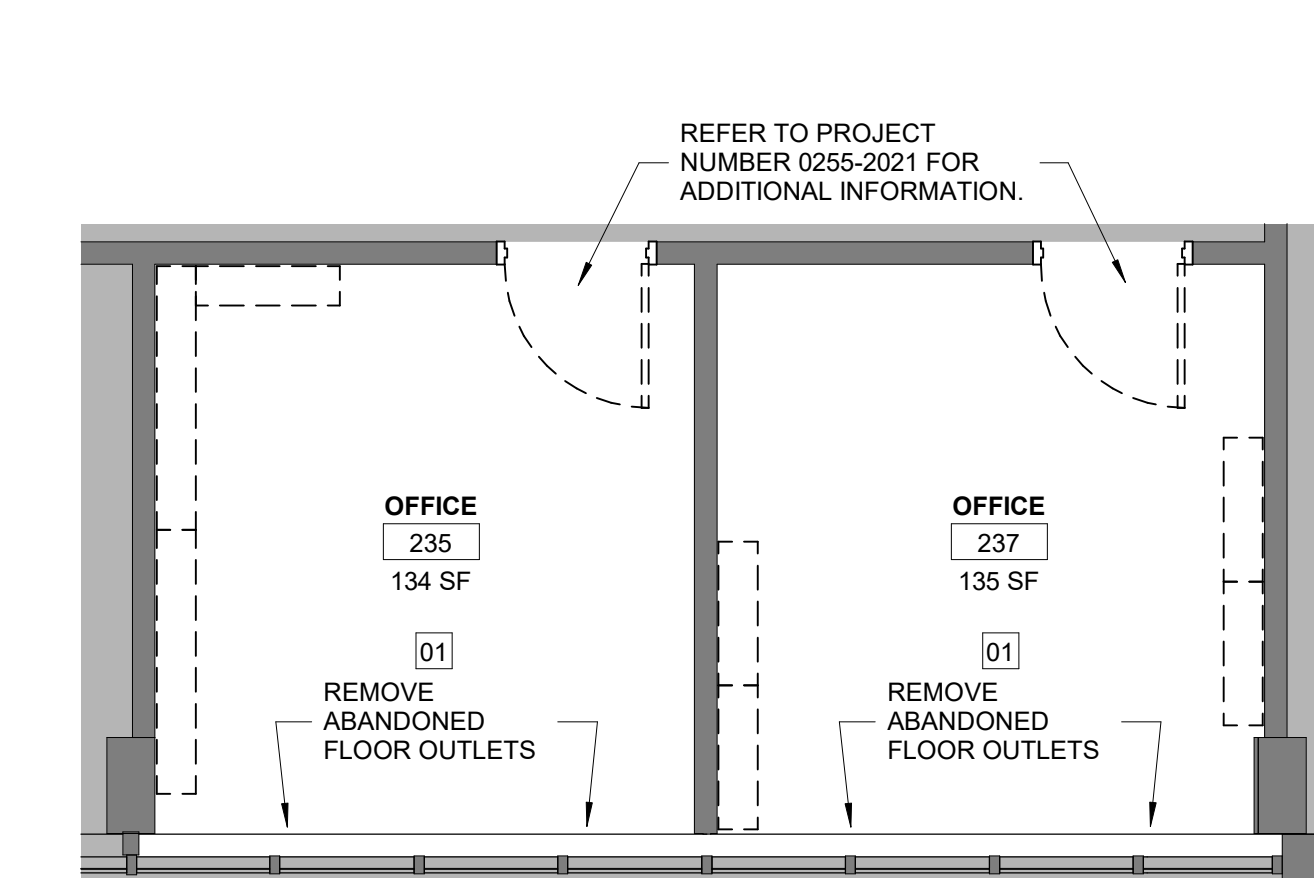
- A ALL EXISTING WINDOW COVERINGS TO REMAIN. PROTECT DURING CONSTRUCTION. CLEAN AND ENSURE ALL WINDOW COVERINGS ARE IN PROPER WORKING ORDER.
- B ALL VCT TO BE ABATED.
- C ALL ROOM AND/OR DOOR SIGNAGE TO BE SALVAGED AND REINSTALLED.
- D EXISTING BUILT-IN SHELVING NOT BEING REUSED IS TO BE DEMOLISHED. CONTRACTOR TO CONFIRM WITH OWNER PRIOR TO DEMOLISHING.



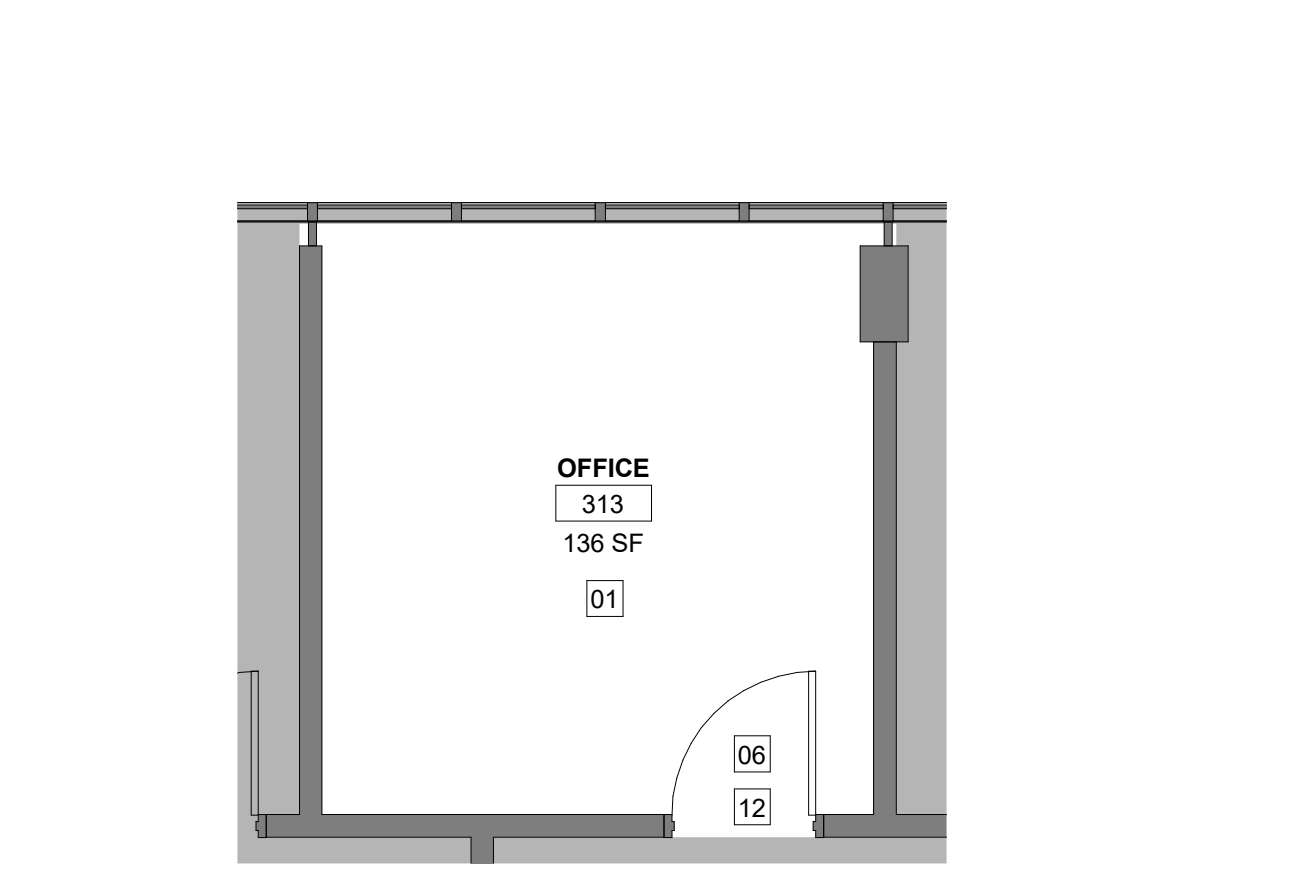
2 2ND FLOOR OFFICE 211 DEMOLITION
SCALE: 1/4" = 1'-0"



3 2ND FLOOR OFFICE 229 DEMOLITION
SCALE: 1/4" = 1'-0"

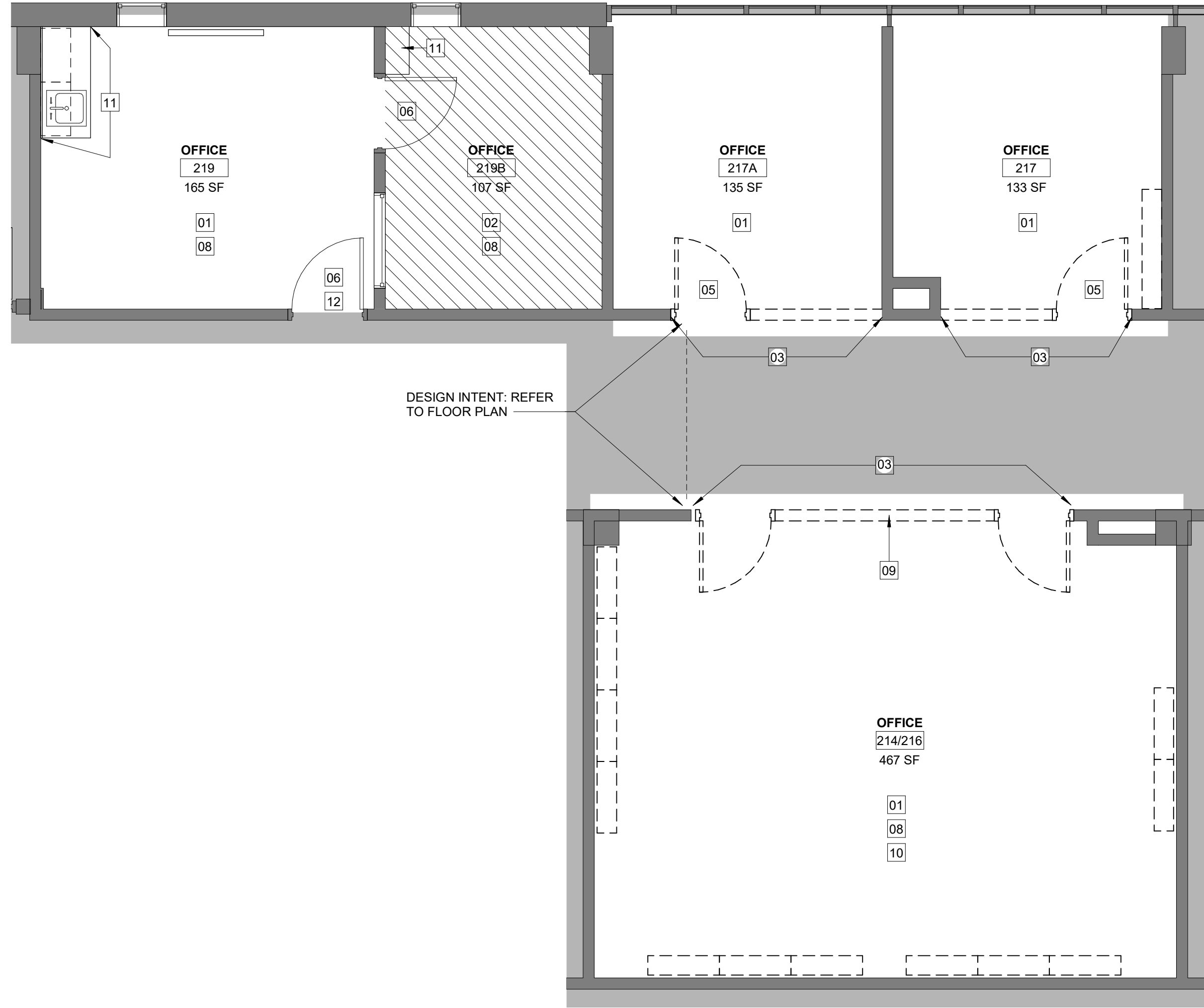


4 2ND FLOOR OFFICE 235 & 237 DEMOLITION
SCALE: 1/4" = 1'-0"



5 3RD FLOOR OFFICE 313 DEMOLITION
SCALE: 1/4" = 1'-0"

1 2ND FLOOR OFFICE 214/216, 217, 217A, 219, 219A DEMOLITION
SCALE: 1/4" = 1'-0"



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2 2ND FLOOR OFFICE 211
SCALE: 1/4" = 1'-0"

3 2ND FLOOR OFFICE 229
SCALE: 1/4" = 1'-0"

4 2ND FLOOR OFFICE 235 & 237
SCALE: 1/4" = 1'-0"

5 3RD FLOOR OFFICE 313
SCALE: 1/4" = 1'-0"

1 2ND FLOOR OFFICE 214/216, 217, 217A, 219, 219A
SCALE: 1/4" = 1'-0"

FLOOR PLAN KEYNOTES

- 01 PROVIDE NEW FULL HEIGHT GLASS WALL AND SINGLE GLASS DOORS WITH LINTEL TO SUPPORT OPENINGS. STOREFRONT SYSTEM TO MATCH EXISTING ADJACENT STOREFRONT SYSTEM.
- 02 FURRED WALL HEIGHT TO ALIGN WITH EXISTING WINDOW SILL HEIGHT. PROVIDE SS-1 WINDOW SILL TOP CAP ON WALL.
- 03 PATCH AND REPAIR HOLE AND/OR DAMAGED FLOOR.
- 04 PROVIDE NEW ADA COMPLIANT DOOR LEVER.

GENERAL NOTES

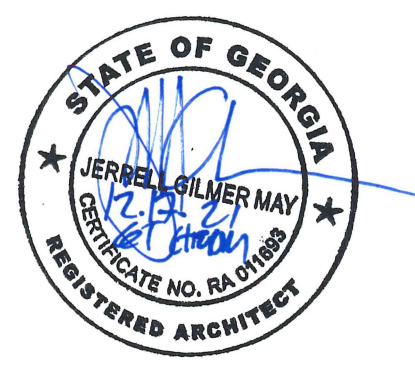
- A NEW WALLS TO GO IN SAME LOCATION AS EXISTING WALLS U.N.O.
- B ALL EXTERIOR WINDOWS TO RECEIVE NEW WINDOW COVERINGS TO MATCH NEW BUILDING STANDARD.
- C ROOM AND/OR DOOR SIGNAGE SALVAGED AT DEMOLITION TO BE REINSTALLED; NEW LOCATIONS TO BE DETERMINED IN FIELD WITH OWNER.
- D AUDIO VISUAL, LOW VOLTAGE, AND FURNITURE TO BE COORDINATED WITH OWNER.



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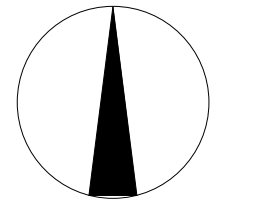


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LEVELS 2 & 3 FLOOR PLANS

SCALE 1/4" = 1'-0"

A.101

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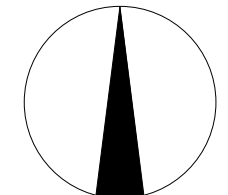


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**LEVELS 2 & 3
REFLECTED CEILING
PLAN**

SCALE As indicated

REFLECTED CEILING PLAN LEGEND

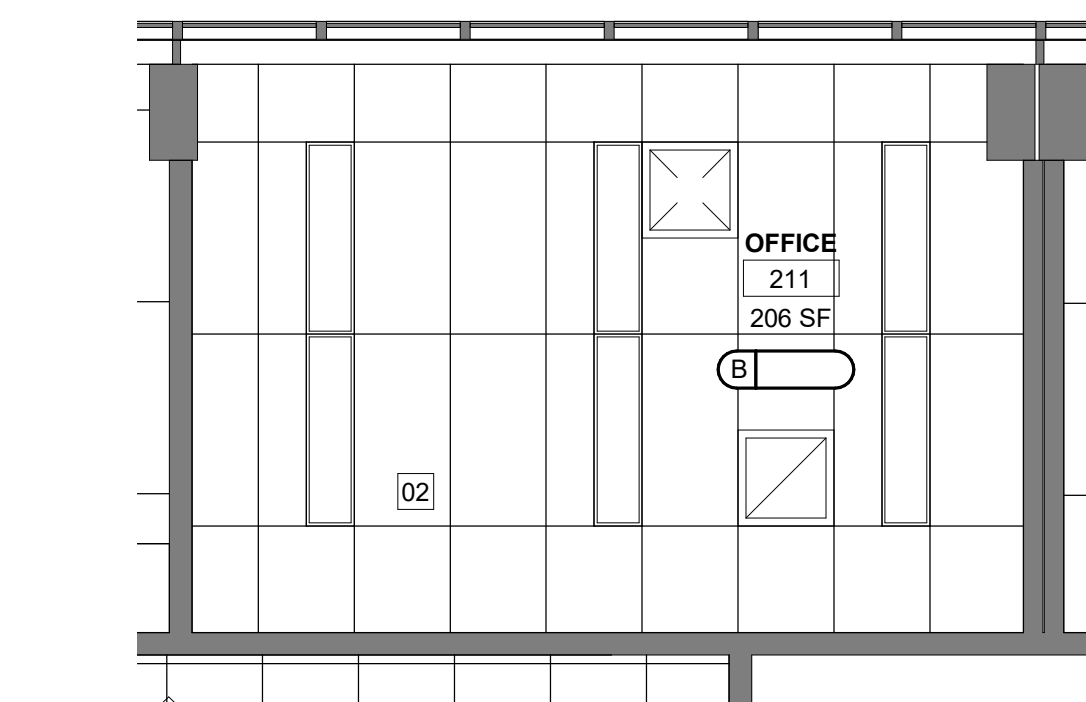
- NEW 2X2 ACOUSTIC CEILING TILE. SEE CEILING HEIGHT & TYPE TAG FOR FURTHER DETAILS
- NEW GWB CEILING/SOFFIT
- N.I.C. PROTECT GRID & ACT
- NEW 1'X4' RECESSED LIGHT FIXTURE
- NEW 2'X2' ACCESS PANEL - B.O.D. BAUCO PLUS II
- EXIT SIGN LIGHT FIXTURE - CEILING MOUNTED
- EXIT SIGN LIGHT FIXTURE - WALL MOUNTED
- SPEAKER
- MICROPHONE
- 2' x 2' HVAC RETURN REGISTER. SEE MECHANICAL DRAWINGS SHEETS
- 2' x 2' HVAC SUPPLY REGISTER. SEE MECHANICAL DRAWING SHEETS
- HVAC EXHAUST REGISTER. SEE MECHANICAL DRAWING SHEETS
- HVAC SLOT SUPPLY REGISTER. SEE MECHANICAL DRAWING SHEETS
- CEILING HEIGHT & TYPE TAG; SEE FINISH LEGEND FOR FURTHER DETAILS

REFLECTED CEILING PLAN KEYNOTES

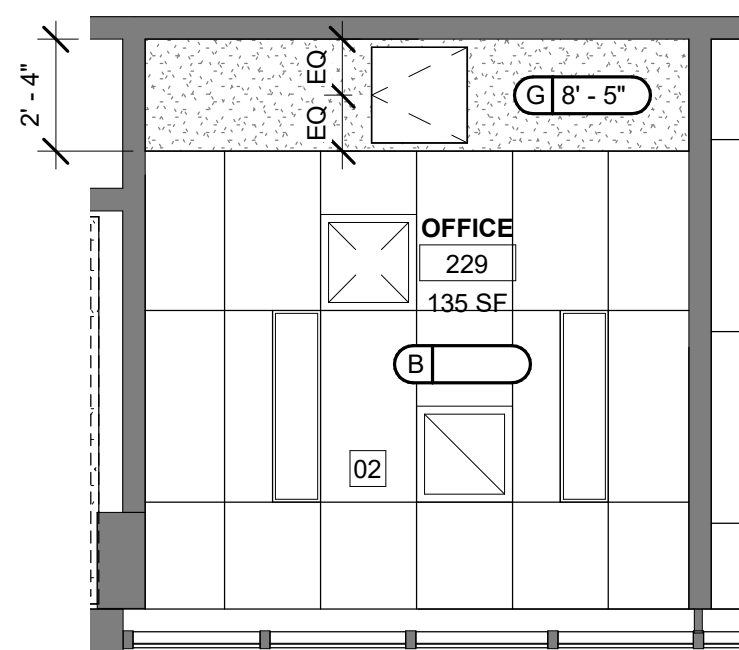
- 01 GYPSUM HEADER TO DECK.
- 02 NEW ACOUSTICAL CEILING TILE. PROTECT GRID TO REMAIN.
- 03 PROTECT GRID AND NON-DAMAGED ACT TO REMAIN. REPLACE DAMAGED ACOUSTICAL CEILING TILE.

REFLECTED CEILING PLAN GENERAL NOTES

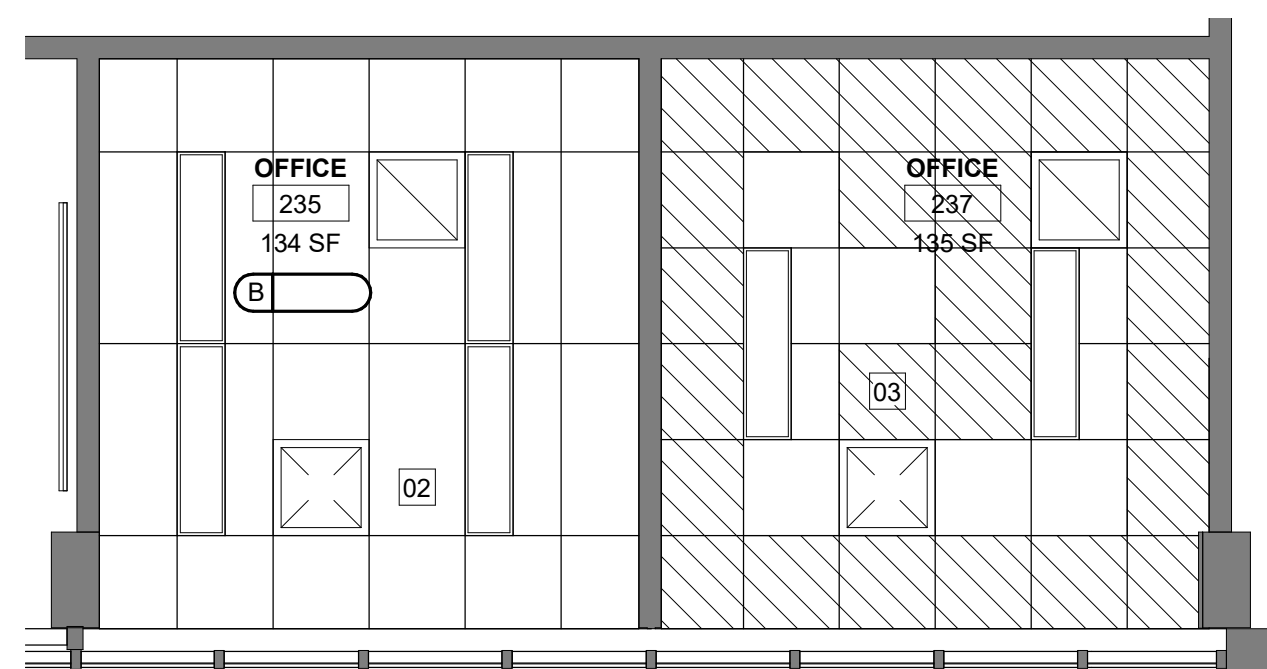
- A NEW OFFICE CEILINGS AND LIGHT FIXTURES TO MATCH OFFICE 201B.
- B PROVIDE DIMMERS AT ALL OFFICES.
- C CENTER ALL DEVICES IN EACH WAY IN CEILING GRID.
- D CERTAIN CEILING ITEMS, SUCH AS LIGHT FIXTURES, HVAC RETURNS, ETC. ARE SHOWN FOR REFERENCE AND COORDINATION ONLY. REFER TO THE APPROPRIATE DISCIPLINE FOR ADDITIONAL AND SPECIFIC INFORMATION.
- E WHERE NO NEW CEILING IS SHOWN, EXISTING CEILING TO REMAIN OR STRUCTURE TO REMAIN EXPOSED.
- F DOUBLE CEILING GRID TRACK AT PERIMETER WALLS IS NOT ACCEPTABLE.
- G ALL EXISTING LIGHT FIXTURES TO BE REPLACED TO MATCH NEW BUILDING STANDARD. REFER TO ENGINEERING DRAWINGS.
- H REPLACE CEILING DEVICES THAT ARE YELLOWED IN KIND FOR NEW DEVICES TO MATCH NEW BUILDING STANDARD.
- I ALL CEILING GRID TO REMAIN. PROTECT DURING CONSTRUCTION. CLEAN PRIOR TO INSTALLATION OF NEW CEILING TILES.



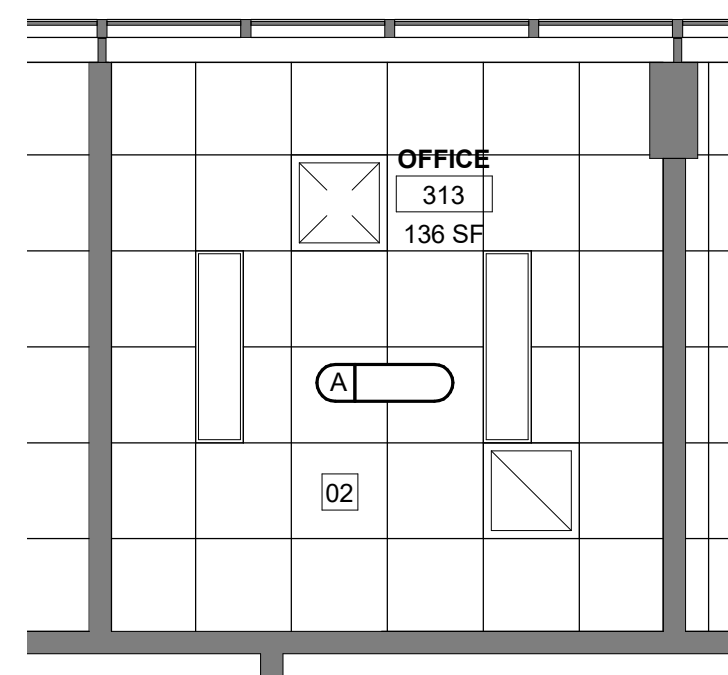
2 2ND FLOOR OFFICE 211 CEILING
SCALE: 1/4" = 1'-0"



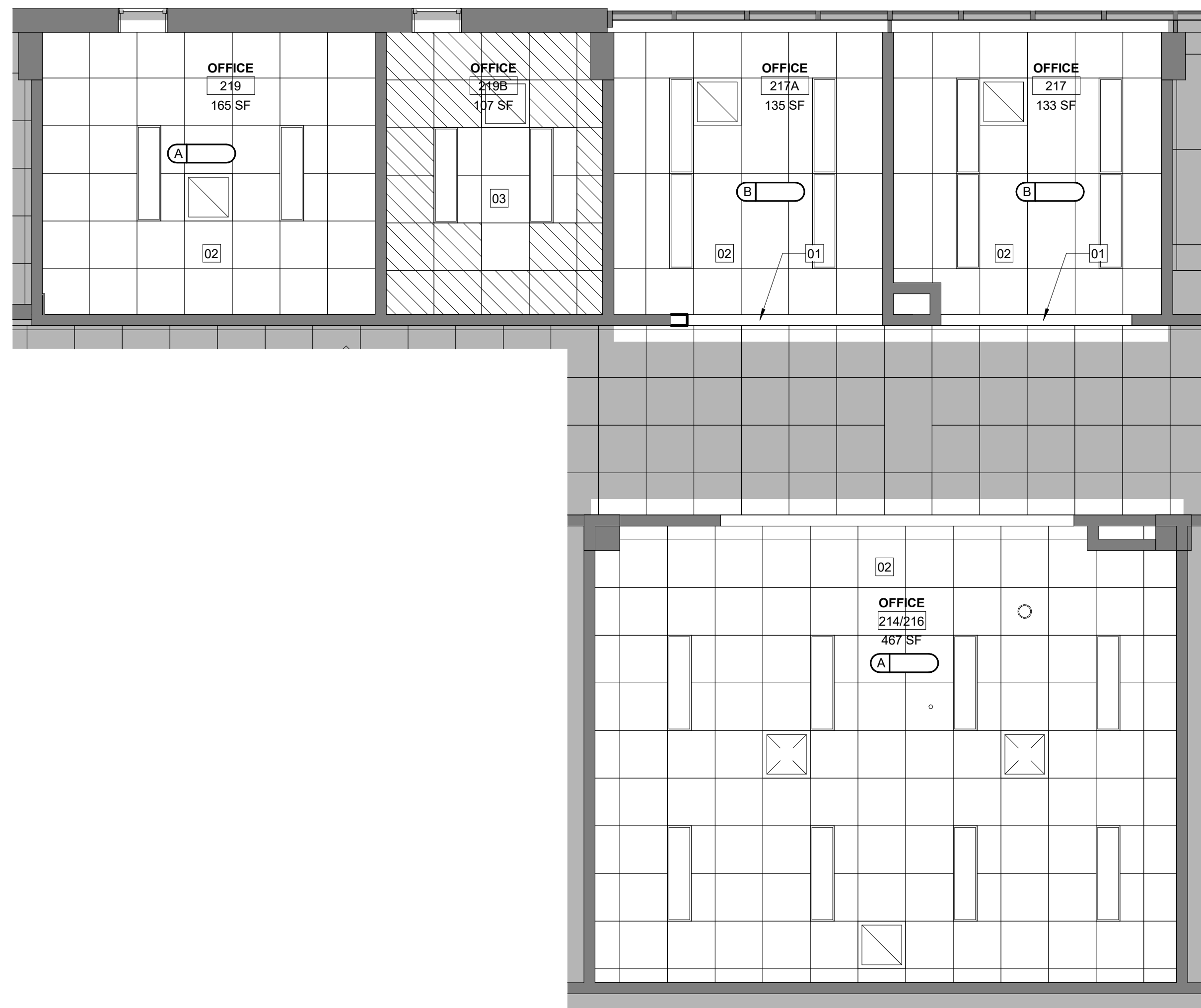
3 2ND FLOOR GRAD OFFICE 229 CEILING
SCALE: 1/4" = 1'-0"



4 2ND FLOOR OFFICE 235 & 237 CEILING
SCALE: 1/4" = 1'-0"



5 3RD FLOOR OFFICE 313 CEILING
SCALE: 1/4" = 1'-0"



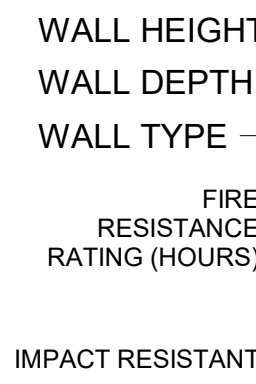
1 2ND FLOOR OFFICE 214/216, 217, 217A, 219, 219A CEILING
SCALE: 1/4" = 1'-0"

WALL TAG SYMBOL LEGEND

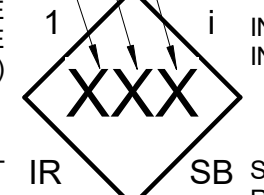
NOTE:

1. AT RATED WALLS SEALANT TO BE FIRE RATED PER FIRE TEST NUMBER INDICATED; MASONRY PARTITION TO BE SEALED TO STRUCTURE WITH U.L. RATED SYSTEM EQUAL TO WALL RATING.

2. G.W.B. AT RATED WALLS TO BE FIRE RATED



LEAD LINED: LAMINATE BACKING THICKNESS AND HEIGHT TO BE DEFINED BY OWNER PHYSICISTS.



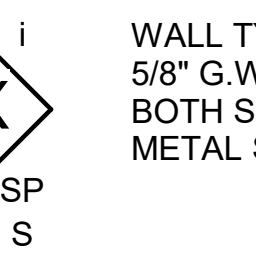
INSULATION: THE WALL SHALL BE INSULATED WITH MIN. 3" THICK

SMOKE BARRIER: THE WALL SHALL RESTRICT THE MOVEMENT OF SMOKE

SMOKE PARTITION: THE WALL SHALL LIMIT THE PASSAGE OF SMOKE

WALL SHALL LIMIT THE PASSAGE OF SMOKE (SEE LIFE SAFETY PLANS)

| WALL DEPTH | 3 3/4" | | 4 7/8" | | 7 1/4" | |
|---|--------|------------------|-------------|------------------|-------------|--------------|
| | 2 1/2" | 2 1/2" W/ INSUL. | 3 5/8" | 3 5/8" W/ INSUL. | 6" | 6" W/ INSUL. |
| ANCHOR | | | | | | |
| SEALANT EACH SIDE | | | | | | |
| BOTTOM OF STRUCTURE | | | | | | |
| 1 LAYER 5/8" G.W.B. BOTH SIDES, MOISTURE RESISTANT AS NOTED | | | | | | |
| CEILING AS SCHEDULED | | | | | | |
| ACOUSTICAL INSULATION AS NOTED | | | | | | |
| METAL STUDS | | | | | | |
| BASE AND FLOOR AS SCHEDULED | | | | | | |
| SEALANT EACH SIDE | | | | | | |
| ANCHOR | | | | | | |
| STUDS TO STRUCTURE ABOVE | A2A | A2A | A3A | A3A | A6A | A6A |
| STUDS TO STRUCTURE BELOW | A2B | A2B | A3B | A3B | A6B | A6B |
| CEILING | A2C | A2C | A3C | A3C | A6C | A6C |
| FINISHED CEILING | A2D | A2D | A3D | A3D | A6D | A6D |
| X-X' AFF | A2E | A2E | A3E | A3E | A6E | A6E |
| ACOUSTICAL RATING (WHERE WALL HEIGHT A OR B WITH INSUL.) | 40 | 49 | 40 | 49 | 40 | 49 |
| FIRE TEST NUMBER (WHERE WALL HEIGHT A) | N/A | N/A | UL DES U465 | UL DES U465 | UL DES U465 | UL DES U465 |



WALL TYPE A: 5/8" G.W.B. ON BOTH SIDES METAL STUDS

| DOOR NO. | DOOR | | | | | | FRAME | | | | HARDWARE SET NO. | FIRE RATING | REMARKS |
|----------|-------|--------|--------|------|--------|------|----------|-----------|---------|------|------------------|-------------|--|
| | SIZE | | THK | MATL | FINISH | TYPE | GLAZING | MATERI AL | FINISH | TYPE | | | |
| | WIDTH | HEIGHT | | | | | | | | | | | |
| 211 | 3'-0" | 7'-0" | 1 3/4" | - | - | - | - | - | - | - | - | - | REFER TO PROJECT NUMBER 0255-2021 FOR ADDITIONAL INFORMATION. |
| 214/216 | 3'-0" | 7'-0" | 1 3/4" | WD | STN-1 | G | TEMPERED | HM | PAINTED | 1 | - | - | ALIGN NEW DOORS AND FRAMES WITH EXISTING ADJACENT - V.I.F. |
| 217 | 3'-0" | 7'-0" | 1 3/4" | WD | STN-1 | G | TEMPERED | HM | PAINTED | 1 | - | - | ALIGN NEW DOORS AND FRAMES WITH EXISTING ADJACENT - V.I.F. |
| 217A | 3'-0" | 7'-0" | 1 3/4" | WD | STN-1 | G | TEMPERED | HM | PAINTED | 1 | - | - | ALIGN NEW DOORS AND FRAMES WITH EXISTING ADJACENT - V.I.F. |
| 219 | 3'-0" | 8'-0" | 1 3/4" | - | - | - | - | - | - | - | - | - | PROTECT EXISTING DOOR TO REMAIN. ADD NEW ADA COMPLIANT DOOR LEVER. |
| 219B | 3'-0" | 8'-0" | 1 3/4" | - | - | - | - | - | - | - | - | - | PROTECT EXISTING DOOR TO REMAIN. |
| 229 | 3'-0" | 7'-0" | 1 3/4" | - | - | - | - | - | - | - | - | - | REFER TO PROJECT NUMBER 0255-2021 FOR ADDITIONAL INFORMATION. |
| 235 | 3'-0" | 7'-0" | 1 3/4" | - | - | - | - | - | - | - | - | - | REFER TO PROJECT NUMBER 0255-2021 FOR ADDITIONAL INFORMATION. |
| 237 | 3'-0" | 7'-0" | 1 3/4" | - | - | - | - | - | - | - | - | - | REFER TO PROJECT NUMBER 0255-2021 FOR ADDITIONAL INFORMATION. |
| 313 | 3'-0" | 7'-0" | 1 3/4" | - | - | - | - | - | - | - | - | - | PROTECT EXISTING DOOR TO REMAIN. ADD NEW ADA COMPLIANT DOOR LEVER. |

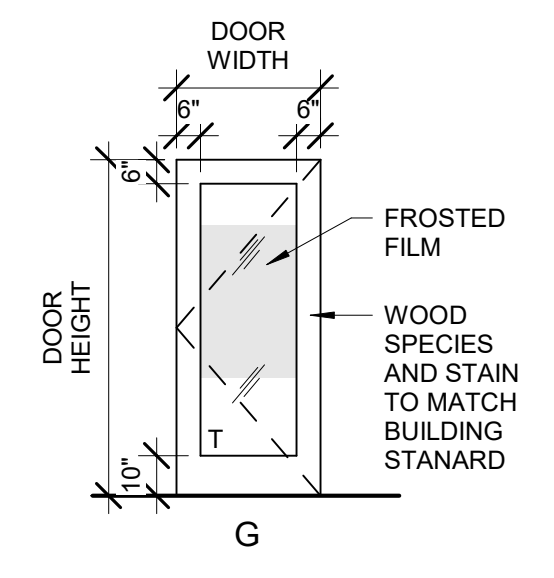
DOOR HARDWARE NOTES

A. REPLACE ALL NON-ADA COMPLIANT HANDLES WITH LEVERS. DOORS 219 AND 313, CONTRACTOR TO ALERT ARCHITECT IF ANY OTHER CORRIDOR DOORS WITHIN SCOPE HAVE NON-ADA COMPLIANT DOOR HANDLES.

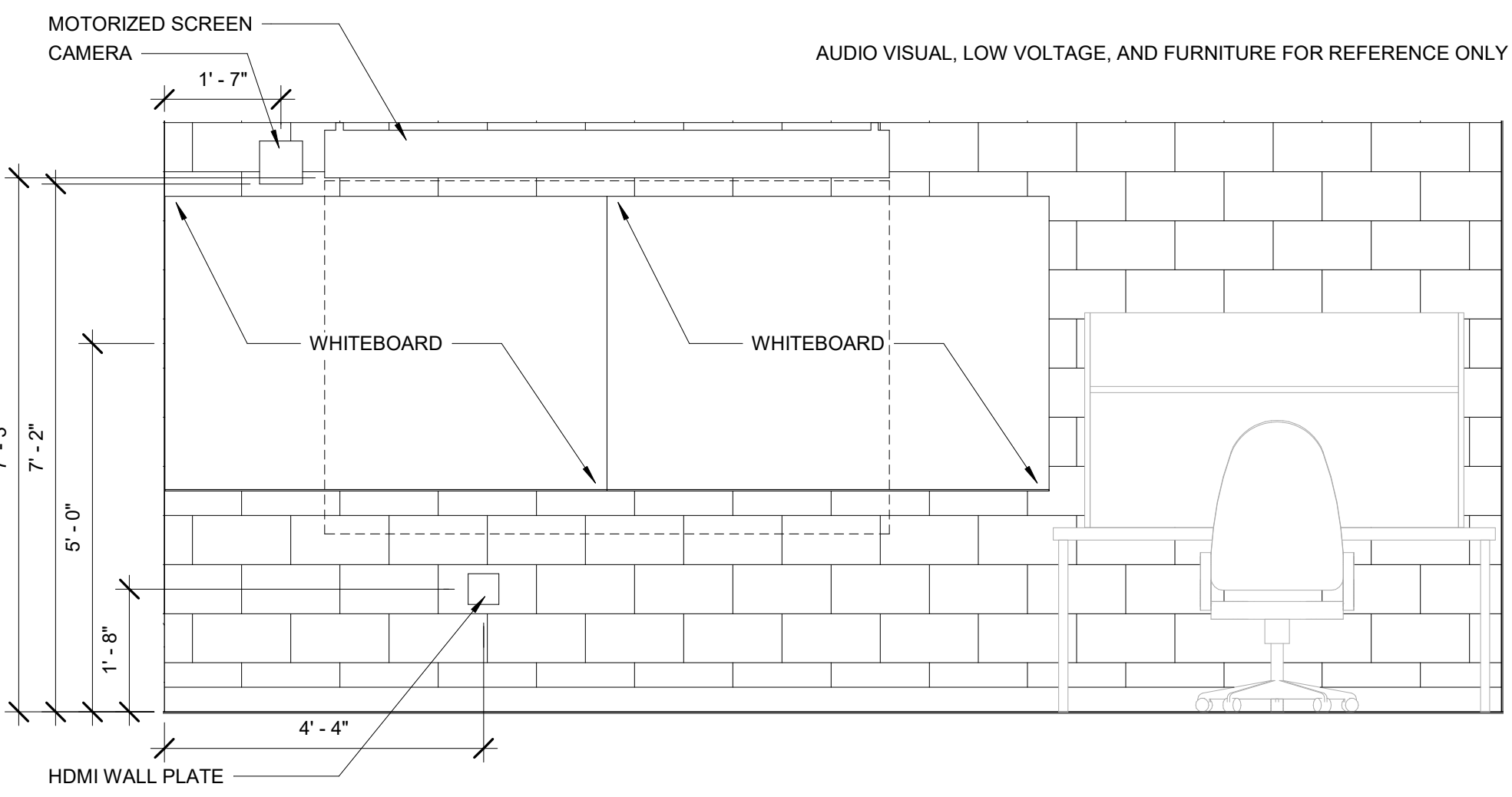
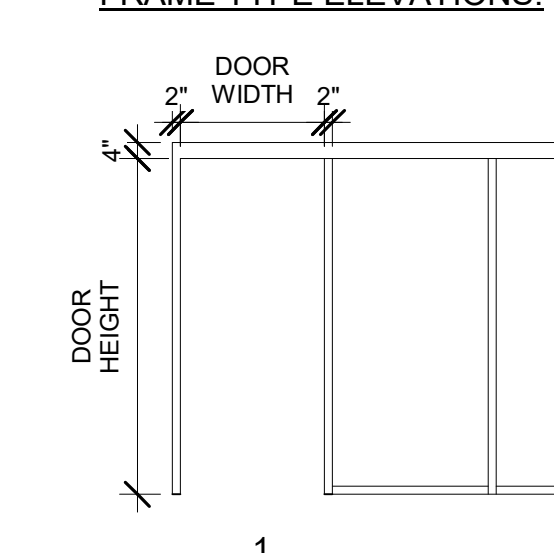
DOOR NOTES

- ALL DOORS TO MATCH EXISTING GEORGIA INSTITUTE OF TECHNOLOGY STANDARD DOORS IN SIZE, CORE, THICKNESS, SPECIES, AND STAIN UNLESS NOTED OTHERWISE.
- PROVIDE DOOR HARDWARE TO MEET EXISTING GEORGIA INSTITUTE OF TECHNOLOGY STANDARDS UNLESS NOTED OTHERWISE.
- PRIOR TO ORDERING, CONTRACTOR TO CONFIRM HARDWARE MANUFACTURER WITH OWNER TO ENSURE COMPATIBILITY WITH OWNERS STANDARDS.
- PROVIDE PANIC HARDWARE ON ALL EGRESS DOORS.
- ALL GLAZING IN DOORS TO BE TEMPERED.
- COORDINATE WITH OWNER NEW DOOR KEYING REQUIREMENTS AND TO RE-KEY ALL EXISTING DOORS SCHEDULED TO REMAIN OR TO BE RELOCATED TO MATCH OWNER'S KEYING SYSTEM.
- ADJUST ALL HARDWARE FOR SMOOTH OPERATION WHEN COMPLETE.
- WELDED DOOR FRAMES REQUIRED. KNOCK DOWN FRAMES ARE NOT ACCEPTABLE.

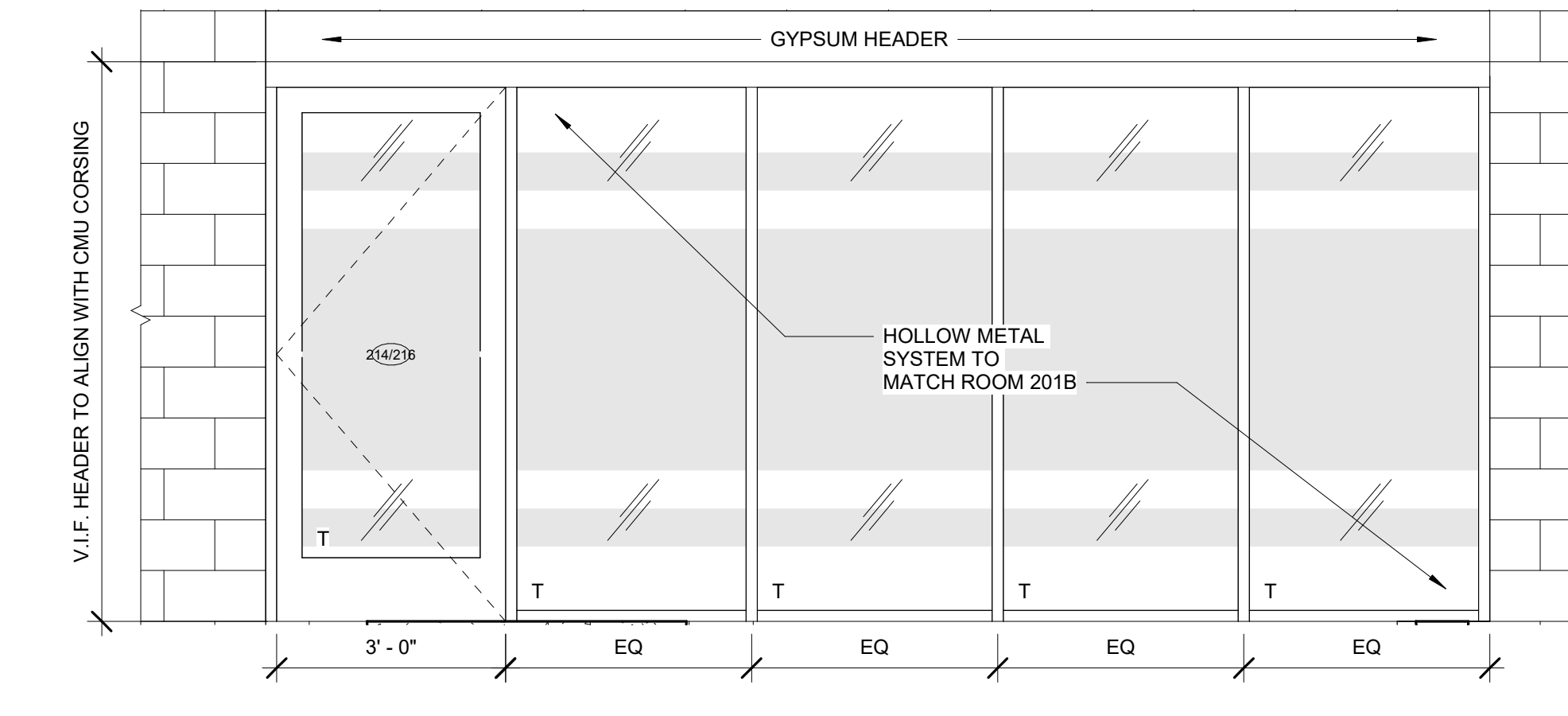
DOOR TYPE ELEVATIONS:



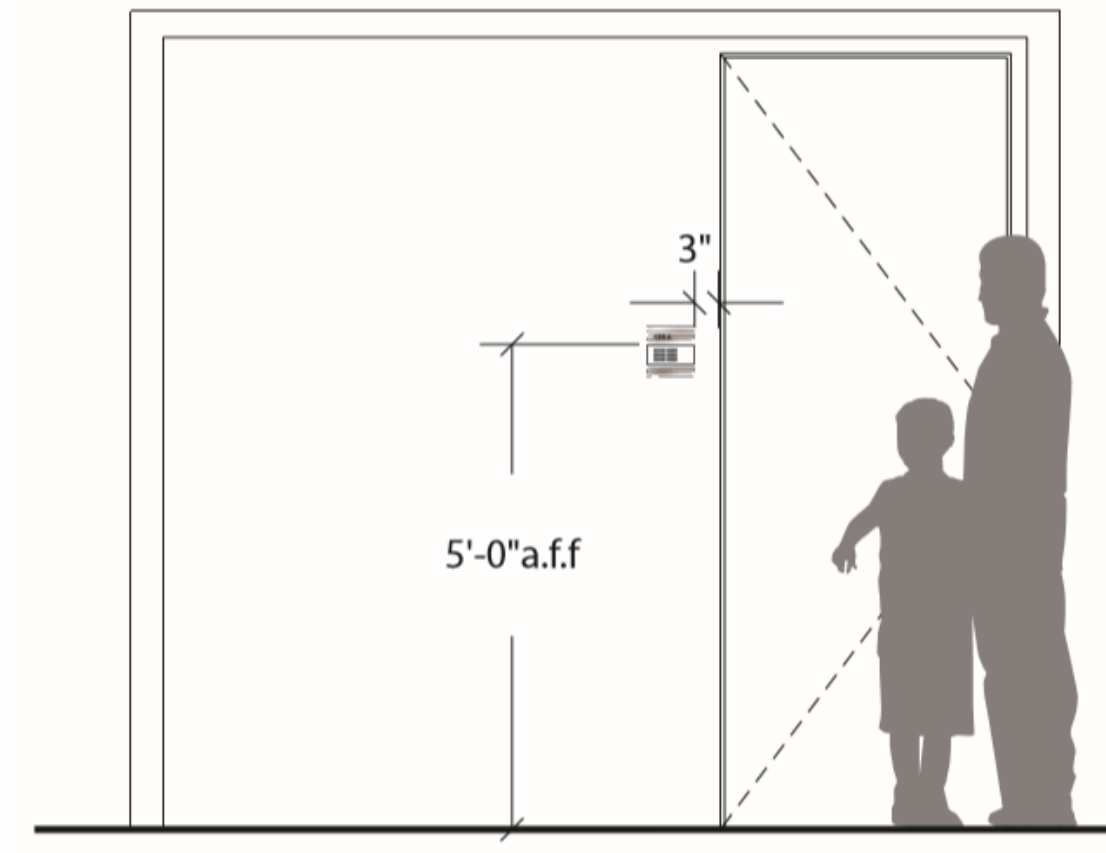
FRAME TYPE ELEVATIONS:



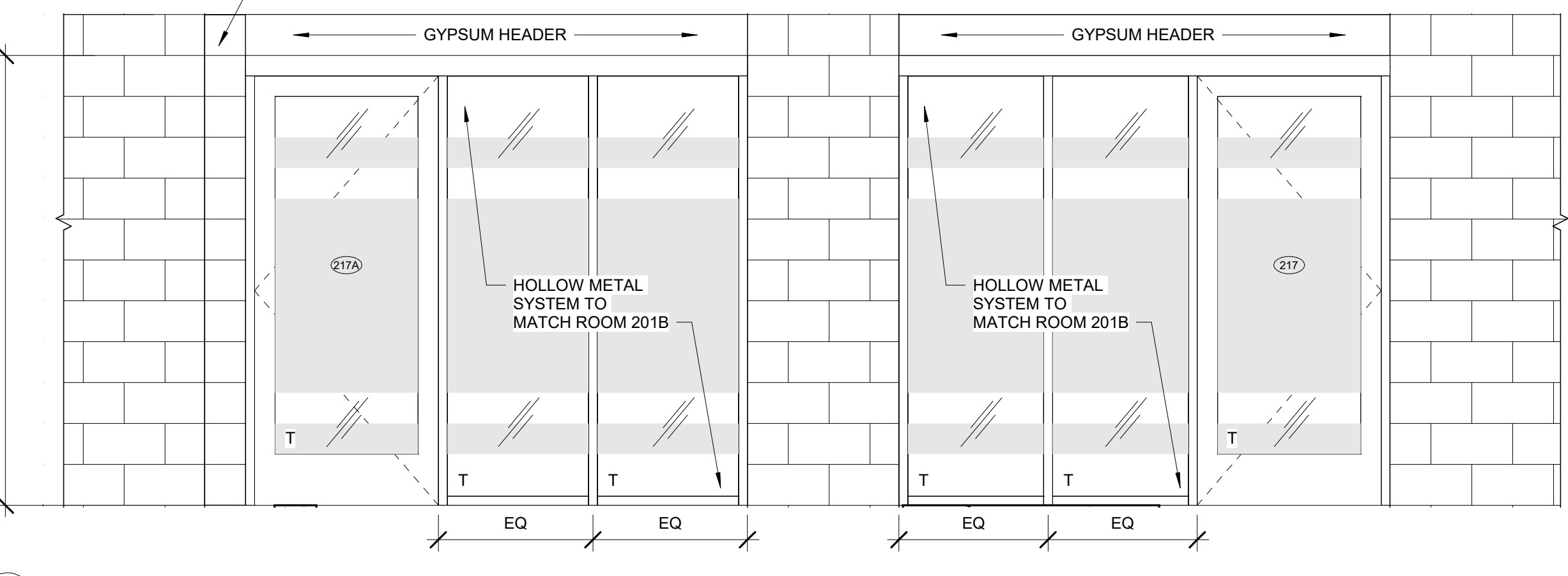
4 ELEVATION AT OFFICE 214/216 PLAN EAST SCALE: 1/2" = 1'-0"



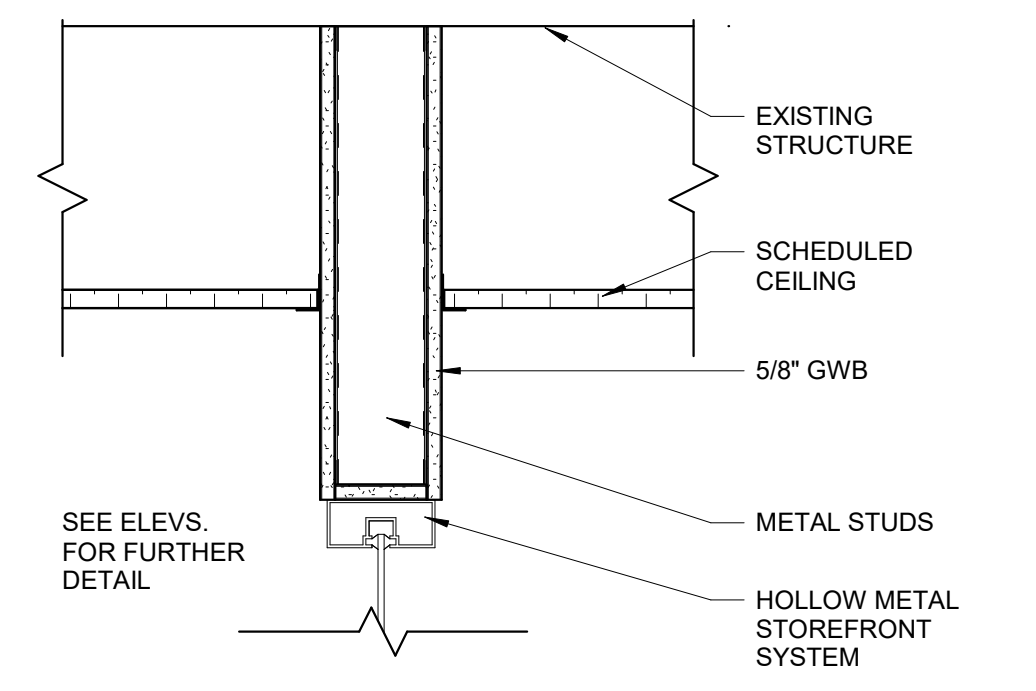
3 ELEVATION AT NEW STOREFRONT OFFICE 214/216 SCALE: 1/2" = 1'-0"



1 MOUNTING HEIGHT OF SIGNAGE AT NEW DOOR LEAFS SCALE: 1 1/2" = 1'-0"



5 ELEVATION AT NEW STOREFRONT OFFICES 217 & 217A SCALE: 1/2" = 1'-0"



2 INTERIOR STOREFRONT HEAD DETAIL SCALE: 1 1/2" = 1'-0"



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CONSULTANTS

NEWCOMB & BOYD MECHANICAL, ELECTRICAL, & PLUMBING ENGINEERING



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CHERRY EMERSON WEITZ RENOVATION

CHERRY EMERSON BUILDING 310 FERST DRIVE ATLANTA, GA 30332

OWNER PROJECT NO. 0033-2022 PROJECT NO. 2021064

ISSUE DATE 12.17.21 ISSUED FOR CONSTRUCTION

REVISIONS DATE

WALL TYPES, ELEVATIONS, DOOR SCHEDULE & DETAILS

SCALE As indicated

A.820

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COLONY SQUARE BUILDING 100
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Georgia Certificate of Authorization: PEF000476
COA EXP: 06/30/2022



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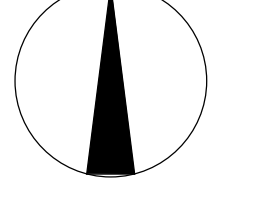


CHERRY EMERSON WEITZ RENOVATION

CHERRY EMERSON BUILDING
310 FERST DRIVE
ATLANTA, GA 30332

OWNER PROJECT NO.
0033-2022
PROJECT NO. 2021064

TRUE NORTH



ISSUE DATE 12.17.21
ISSUED FOR CONSTRUCTION

REVISIONS DATE

HVAC LEGEND

SCALE NO SCALE

M.000

| HVAC LEGEND | | |
|-------------------------------|---|--------------------------------|
| DUCTWORK AND AIR DISTRIBUTION | | ABBREVIATIONS AND SYMBOLS |
| | DUCT (FIRST DIMENSION IS SIDE SHOWN IN INCHES) | ∅ ROUND OR FLAT OVAL DUCTWORK |
| | TRANSITION | T TEMPERATURE SENSOR |
| | PRESS-ON COLLAR FITTING WITH ROUND FLEXIBLE DUCT | APD AIR PRESSURE DROP |
| | 90° BRANCH TAKEOFF | ARCH ARCHITECT/ARCHITECTURAL |
| | RADIUS BRANCH TAKEOFF | CFM CUBIC FEET PER MINUTE |
| | MANUAL DAMPER (MD), BACKDRAFT DAMPER (BD), LOW LEAKAGE MANUAL DAMPER (LMD), OR CONTROL DAMPER (CD) | CTE CONNECT TO EXISTING |
| | TURNING VANES | DB DRY BULB |
| | SIDEWALL SUPPLY GRILLE OR REGISTER WITH SIZE, TYPE, AND CFM | EAT ENTERING AIR TEMPERATURE |
| | CEILING RETURN OR EXHAUST GRILLE OR REGISTER WITH SIZE, TYPE, AND CFM | EWT ENTERING WATER TEMPERATURE |
| | FLEXIBLE DUCT AND CEILING SUPPLY DIFFUSER WITH ROUND NECK SIZE, TYPE, AND CFM | GPM GALLONS PER MINUTE |
| | FLEXIBLE DUCT AND LINEAR DIFFUSER WITH LENGTH, TYPE, AND CFM (A-TOTAL LENGTH; B-NUMBER OF ACTIVE SECTIONS; C-LENGTH OF EACH ACTIVE SECTION) | LAT LEAVING AIR TEMPERATURE |
| | EXISTING DUCTWORK OR EQUIPMENT | LWT LEAVING WATER TEMPERATURE |
| | EXISTING DUCTWORK OR EQUIPMENT TO BE REMOVED | SPEC SPECIFICATION |
| | | TEMP TEMPERATURE |
| | | WG WATER GAUGE |
| | | WPD WATER PRESSURE DROP |

| HVAC GENERAL NOTES |
|--|
| 1. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF GRILLES, REGISTERS, AND DIFFUSERS. |
| 2. COORDINATE CEILING AND WALL ACCESS PANEL LOCATIONS FOR EQUIPMENT AND DEVICES THAT WILL REQUIRE ACCESS ABOVE SHEETROCK CEILINGS. |
| 3. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL CHARACTERISTICS OF MECHANICAL EQUIPMENT. |
| 4. SEE DIVISION 26 FOR 120 V, 20 A ELECTRICAL BRANCH CIRCUITS DESIGNATED FOR CONTROL POWER, TERMINATED IN JUNCTION BOXES. PROVIDE POWER WIRING FROM THE DESIGNATED JUNCTION BOXES THROUGH CONTROL POWER TRANSFORMERS TO TERMINAL UNIT CONTROLLERS. |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | |
| | MECHANICAL SPECIFICATIONS | | | | | | | | | | | | | | | |
| K | A. GENERAL: | | | | | | | | | | | | | | | K |
| | <ol style="list-style-type: none"> COMPLY WITH PROVISIONS OF INTERNATIONAL MECHANICAL CODE-2012 WITH GEORGIA STATE AMENDMENTS-2015. PROVIDE ACCESS TO EQUIPMENT AND APPARATUS REQUIRING OPERATION, SERVICE OR MAINTENANCE THROUGHOUT THE LIFE OF THE SYSTEM. OPENINGS THROUGH FIRE RATED FLOORS AND PARTITIONS SHALL BE SEALED WITH FIRE RATED SEALANT IN A MANNER TO MAINTAIN THE FIRE RATING OF THE SEPARATION THE EXISTING INSTALLATION SHALL REMAIN EXCEPT WHERE OTHERWISE INDICATED OR SPECIFIED. PERFORM ALL WORK NECESSARY TO INTERCONNECT THE NEW WORK WITH THE EXISTING WORK AND TO ADAPT THE EXISTING WORK TO THE CHANGES IN THE BUILDING AND THE SYSTEM. COORDINATE THE INSTALLATION WITH THE STRUCTURE, ARCHITECTURE, AND WORK OF OTHER TRADES TO ELIMINATE CONFLICTS. SCHEDULE WORK SO EXISTING SYSTEMS WILL NOT BE INTERRUPTED OBTAIN APPROVAL PRIOR TO ANY UTILITY INTERRUPTION OR CONNECTION. EQUIPMENT AND MATERIALS SHALL, UNLESS OTHERWISE SPECIFIED HEREIN, BE NEW AND SHALL BE OF THE CUSTOMARY STANDARD AND QUALITY FURNISHED BY THE DESIGNATED MANUFACTURER FOR THAT CATALOGUE NUMBER HVAC SUBMITTALS SHALL INCLUDE THE FOLLOWING: <ol style="list-style-type: none"> INSULATION GRILLES, REGISTERS AND DIFFUSERS, INCLUDING PERFORMANCE DATA. TERMINAL UNITS | | | | | | | | | | | | | | | |
| J | B. DEMOLITION: | | | | | | | | | | | | | | | J |
| | <ol style="list-style-type: none"> REMOVE PIPING RENDERED USELESS DUE TO CHANGES. CAP OUTLETS IN PIPING. WHERE EXISTING CEILINGS ARE REMOVED, LUMINAIRES, EXIT SIGNS, AND OTHER ELECTRICAL POWER AND SIGNAL APPARATUS MOUNTED TO THE CEILING OR CEILING SUPPORTS, INCLUDING ASSOCIATED RACEWAYS AND WIRING, SHALL BE REMOVED. MATERIAL AND EQUIPMENT WHICH HAS BEEN REMOVED SHALL NOT BE USED IN THE NEW WORK, EXCEPT AS INDICATED HEREIN. COORDINATE THE INSTALLATION OF NEW PIPING, DUCTWORK, AND OTHER EQUIPMENT WITH EXISTING EQUIPMENT WHICH IS TO REMAIN OPERATIONAL TO AVOID CONFLICT WITH OPERATING PERFORMANCE AND WORKING CLEARANCES. | | | | | | | | | | | | | | | |
| I | C. HANGERS AND SUPPORTS: | | | | | | | | | | | | | | | I |
| | A. GENERAL: | | | | | | | | | | | | | | | |
| | <ol style="list-style-type: none"> COMPLETE WITH RODS AND SUPPORTS PROPORTIONED TO THE SIZE OF PIPING OR EQUIPMENT TO BE SUPPORTED. FOR COPPER PIPING 4" AND SMALLER: COPPER-PLATED; ANVIL CT-69, B-LINE B3170 CT, OR ERICO 101. PIPING SUPPORT SPACING SHALL BE FROM CENTER TO CENTER OF THE SUPPORT. SUPPORT CONNECTED PIPING AND EQUIPMENT INDEPENDENTLY OF EACH OTHER. ADJUST HANGERS, CLAMPS, AND SUPPORTS SO THAT LOADING AND SUPPORT IS UNIFORM. SUSPEND HANGER RODS ONLY FROM THE STRUCTURE: DO NOT SUSPEND FROM PIPING, EQUIPMENT OR DUCTWORK. ISOLATE BARE COPPER TUBING FROM FERROUS METAL HANGERS, CHANNEL STRUT SUPPORTS, AND BUILDING COMPONENTS WITH FELT OR RUBBER LINERS. | | | | | | | | | | | | | | | |
| H | B. HANGER RODS: | | | | | | | | | | | | | | | H |
| | <ol style="list-style-type: none"> ONE-PIECE STEEL TYPE, THREADED AS REQUIRED. SIZES, UNLESS SPECIFIED OTHERWISE HEREIN, SHALL BE AS FOLLOWS: PIPE SIZE ROD DIAMETER PIPE SIZE ROD DIAMETER 2" AND SMALLER 0.375" SIZES FOR GANG OR MULTIPLE HANGERS: CALCULATED FOR THE COMBINED WEIGHT OF THE PIPING AND ACCESSORIES. | | | | | | | | | | | | | | | |
| G | E. EXPANSION ANCHORS: | | | | | | | | | | | | | | | G |
| | <ol style="list-style-type: none"> IN CONCRETE: WEDGE, SELF-DRILLING, OR DRILLED FLUSH TYPE. IN MASONRY: SLEEVE TYPE. MANUFACTURER: HILTI, ITW RAMSET/RED HEAD, OR RAWL. | | | | | | | | | | | | | | | |
| F | F. CHANNEL STRUT SYSTEMS: | | | | | | | | | | | | | | | F |
| | <p>14 GAUGE MINIMUM GALVANIZED STEEL, WITH FACTORY-PUNCHED ATTACHMENT HOLES. STRAPS SHALL BE DESIGNED SO THAT THE ATTACHMENT NUT IS CAPTIVE ON THE SHOULDER OF THE STRAP WHEN TIGHTENED. ATTACHMENT NUTS SHALL BE DESIGNED TO PROVIDE A SURFACE ON THE TURNED DOWN EDGE WHILE MAKING POSITIVE CONTACT WITH THE SIDE WALLS OF THE CHANNEL NUTS, BOLTS, STRAPS, AND ACCESSORIES SHALL BE PROTECTED WITH SAME FINISH AS CHANNELS.</p> <ol style="list-style-type: none"> MANUFACTURER: B-LINE, KINDORF, MIDLAND-ROSS, OR UNISTRUT. | | | | | | | | | | | | | | | |
| E | G. EXECUTION | | | | | | | | | | | | | | | E |
| | <ol style="list-style-type: none"> HANGERS AND SUPPORTS: <ol style="list-style-type: none"> SUPPORT 2.5" AND SMALLER PIPING INDEPENDENTLY IN A PARALLEL PLANE, AND EQUALLY SPACED SIDE TO SIDE, EXCEPT WHERE A CHANNEL STRUT IS USED. HORIZONTAL SUPPORT SPACING: SUPPORTS FOR COPPER PIPING: 0.5" TO 1.25" MAXIMUM OF 5, 1.5" TO 2.5" MAXIMUM OF 8", AND 3" AND LARGER MAXIMUM OF 10". HANGERS AND SUPPORTS FOR INSULATED PIPING SHALL BEAR ON OUTSIDE OF INSULATION. HANGERS SHALL BE SIZED FOR UNCOMPRESSED INSULATION THICKNESS. PROVIDE INSULATION PROTECTORS. SUPPORT PIPING INDEPENDENTLY OF EQUIPMENT. ADJUST HANGERS AND SUPPORTS SO THAT LOADING IS UNIFORM. HANGER RODS SHALL BE SUSPENDED FROM THE STRUCTURE. DO NOT SUSPEND FROM OTHER PIPING, EQUIPMENT, OR DUCTWORK. EXPANSION ANCHOR TYPE CONCRETE AND MASONRY INSERTS: <ol style="list-style-type: none"> USE FOR PIPING IN CURED CONCRETE CONSTRUCTION. INSTALL PER MANUFACTURER'S REQUIREMENTS. SELECT FOR MAXIMUM LOAD PLUS A SAFETY FACTOR OF 3 TIMES THE CALCULATED LOAD. | | | | | | | | | | | | | | | |
| D | E. GRILLES, REGISTERS AND DIFFUSERS | | | | | | | | | | | | | | | D |
| | A. GENERAL: | | | | | | | | | | | | | | | |
| | <ol style="list-style-type: none"> SELECTION OF GRILLES, REGISTERS AND DIFFUSERS SHALL BE BASED ON AIR INTRODUCED AT A 20°F TEMPERATURE DIFFERENTIAL. GRILLES AND REGISTERS WITH BORDERS SHALL HAVE FELT OR RUBBER GASKETS CEMENTED TO THE BACK FACE AND HOLDING SCREWS NOT OVER 18" ON CENTER AROUND THE PERIMETER. WALL-MOUNTED GRILLES AND REGISTERS LOCATED LESS THAN 7' ABOVE FINISHED FLOOR SHALL BE HEAVY DUTY, IMPACT-RESISTANT TYPE. DIFFUSERS IN LAY-IN CEILINGS SHALL LAY IN A NOMINAL 24" X 24" GRID OPENING AND SHALL BE FURNISHED WITHOUT EXPOSED FLANGES. EXTRACTORS: ADJUSTABLE THROUGH THE FACE OF THE GRILLE OR REGISTER. DIFFUSERS SHALL BE COMPLETE WITH STRAIGHTENING VANES, AND OPPOSED OR ROTATING BLADE VOLUME CONTROL DAMPERS. STRAIGHTENING VANES ARE NOT REQUIRED WHERE DIFFUSERS ARE ATTACHED TO ROUND FLEXIBLE DUCTWORK. VOLUME CONTROL DAMPERS ARE NOT REQUIRED WHERE SINGLE DIFFUSERS ARE SERVED BY BRANCH DUCTS WITH DAMPERS AT TAKE-OFFS. INTERNAL PARTS OF DIFFUSERS SHALL BE DESIGNED SO THEY CAN BE ADJUSTED, REMOVED, AND ASSEMBLED WITHOUT SPECIAL TOOLS. DIFFUSERS SHALL HAVE ROUND NECKS OR SHALL BE PROVIDED WITH SQUARE-TO-ROUND COLLARS WHERE CONNECTED TO ROUND OR FLEXIBLE DUCT. FINISHES, UNLESS OTHERWISE SPECIFIED HEREIN: <ol style="list-style-type: none"> STEEL GRILLES AND REGISTERS: WHITE BAKED ENAMEL. DIFFUSER FACES AND FRAMES: WHITE BAKED ENAMEL. DIFFUSERS INTERIOR: SAME AS FACE AND FRAME. GRILLES, REGISTERS AND DIFFUSERS SHALL BE PROVIDED WITH FRAMES, BORDERS, AND MOUNTING ATTACHMENTS FOR INSTALLATION IN THE ACTUAL WALL, SOFFIT, AND CEILING CONSTRUCTION IN WHICH INSTALLED. | | | | | | | | | | | | | | | |
| C | B. SUPPLY DEVICES: | | | | | | | | | | | | | | | C |
| | <ol style="list-style-type: none"> TYPE S-SR - SIDEWALL SUPPLY REGISTER, DOUBLE-DEFLECTION TYPE WITH VERTICAL FRONT BLADES, HORIZONTAL REAR BLADES, AND OPPOSED-BLADE VOLUME DAMPER. TYPE S-PF - SQUARE PLATE FACE DIFFUSER TYPE WITH SINGLE SQUARE AIR DIFFUSION PANEL. DIFFUSERS SHALL HAVE AN 18" X 18" STEEL FACE PANEL MOUNTED ON AN AERODYNAMICALLY SHAPED, ONE-PIECE, SEAMLESS 24" X 24" BACKPAN. EXPOSED SURFACES OF FACE PANELS SHALL BE SMOOTH, FLAT, AND FREE OF VISIBLE FASTENERS. PROVIDE INTEGRAL BALANCING DAMPER ACCESSIBLE AT THE FACE WHERE INDICATED ON THE DRAWINGS. TYPE S-LD - LINEAR DIFFUSER, EXTRUDED ALUMINUM TYPE, WITH 1" WIDE SLOTS AND INTEGRAL VOLUME CONTROL, PATTERN ADJUSTMENT, AND CONCEALED MOUNTING FRAME. FINISH IN BAKED ENAMEL WITH WHITE FACE. INTERIOR COMPONENTS VISIBLE AFTER INSTALLATION FINISHED FLAT BLACK. NUMBER IN TAG INDICATES NUMBER OF SLOTS. | | | | | | | | | | | | | | | |
| B | C. RETURN DEVICES: | | | | | | | | | | | | | | | B |
| | <ol style="list-style-type: none"> TYPE R-SG - SIDEWALL GRILLE, SINGLE-DEFLECTION, 35° FIXED POSITION, 0.5" ON CENTER, HORIZONTAL BLADES. TYPE R-EG - EGGCRATE GRILLE, 0.5" X 0.5" X 0.5" FABRICATED ALUMINUM EGGCRATE. WALL RETURN GRILLES INSTALLED SHALL BE INSTALLED WITH BLADES ANGLED SO THE INSIDE OF THE DUCT OR THE ADJACENT SPACE WILL NOT BE VISIBLE THROUGH THE GRILLES. | | | | | | | | | | | | | | | |
| A | F. SHEET METAL DUCTWORK | | | | | | | | | | | | | | | A |
| | A. GENERAL | | | | | | | | | | | | | | | |
| | <ol style="list-style-type: none"> DUCTWORK SHALL HAVE THE FOLLOWING STATIC PRESSURE CLASSIFICATIONS, UNLESS OTHERWISE SPECIFIED HEREIN: <ol style="list-style-type: none"> FROM AIR VALVES TO GRILLES, REGISTERS AND DIFFUSERS: 2" WG. FROM VARIABLE VOLUME AIR HANDLING UNITS TO TERMINAL UNITS: 4" WG. DUCTWORK, EXCEPT WHERE OTHERWISE SPECIFIED HEREIN, INCLUDING FACTORY-FABRICATED ROUND, AND APPARATUS CASINGS SHALL BE CONSTRUCTED OF GALVANIZED STEEL IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE, 2005. | | | | | | | | | | | | | | | |
| | B. SHEET METAL WORK - ACCESSORIES: | | | | | | | | | | | | | | | |
| | <ol style="list-style-type: none"> WELD OR MECHANICAL GRIP PINS: AGM, DURO-DYNE, OR ERICO. DUCT SEALANTS: LIQUID, MASTIC, GASKET, OR TAPE AND ACTIVATOR TYPE, ASBESTOS-FREE, COMPLYING WITH NFPA 90A-2015 AND UL 181-2013. DRAW BANDS: NYLON TYPE, COMPLYING WITH UL 181-2013, CLASS 1, AND NFPA 90A-2015. INSTRUMENT TEST PORTS: FLANGED BASE WITH SCREW CAP AND GASKET, AND FLAT MOUNTING GASKET FOR FLAT OR ROUND DUCT. HEIGHT SHALL ACCOMMODATE DUCT INSULATION THICKNESS. <ol style="list-style-type: none"> MANUFACTURER: VENTLOK 699 SERIES. | | | | | | | | | | | | | | | |
| | A. ROUND DUCTWORK: | | | | | | | | | | | | | | | |
| | <ol style="list-style-type: none"> ROUND DUCTWORK (EXCEPT RUNOUTS TO DIFFUSERS), INCLUDING FITTINGS AND ACCESS PANELS, SHALL BE FACTORY-FABRICATED BY A MANUFACTURER REGULARLY ENGAGED IN THE QUALITY PRODUCTION OF SUCH DUCTWORK. FITTINGS SHALL HAVE CONTINUOUS WELDS ALONG JOINTS, AND DUCTWORK SHALL BE THE SPIRAL TYPE. DIVIDED FLOW FITTINGS (TEES, CROSSES, LATERALS) SHALL BE MANUFACTURED AS SEPARATE FITTINGS, NOT AS TAP COLLARS WELDED INTO SPIRAL DUCT SECTIONS. ENTRANCES INTO LATERALS (SIDE OUTLETS) SHALL BE MADE SMOOTH BY MACHINING, PRESS FORMING OR GRINDING, AND SHALL BE WITHOUT FLOW RESTRICTIONS, PROJECTIONS, WELD BUILD-UPS OR BURRS. WHERE SIZE EQUALS OR EXCEEDS 6", 90 TAKEOFFS SHALL BE OF THE CONICAL TYPE. EXCEPT WHERE OTHERWISE INDICATED ON THE DRAWINGS, JOINTS SHALL BE MADE WITH SLIP COUPLINGS AND SCREWS OR COMPANION FLANGES AS RECOMMENDED BY THE MANUFACTURER. SUBMIT DETAILS FOR JOINTS FOR EXPOSED DUCTWORK FOR APPROVAL. ELBOWS SHALL BE SMOOTH RADIUS WITH A CENTERLINE RADIUS OF 1.5 TIMES THE DUCT DIAMETER. MANUFACTURER: EASTERN SHEET METAL, HAMLIN SHEET METAL, IMPULSE AIR, MCGILL AIRFLOW, OR SEMCO. | | | | | | | | | | | | | | | |
| | D. FLEXIBLE DUCTWORK: | | | | | | | | | | | | | | | |
| | <ol style="list-style-type: none"> CHLORINATED POLYETHYLENE; ALUMINUM FOIL, FIBERGLASS, AND ALUMINIZED POLYESTER TRILAMINATE, OR COATED WOVEN FIBERGLASS CLOTH, MECHANICALLY LOCKED OR PERMANENTLY BONDED TO A NONCORROSIVE METAL HELIX. FACTORY-INSULATED WITH FIBERGLASS WITH A PROTECTIVE VAPOR BARRIER JACKET TO ACHIEVE AN ADC CERTIFIED MINIMUM R-VALUE OF 6.0°F·FT²·H/BTU AT 75°F. MANUFACTURER: FLEXMASTER, OR THERMAFLEX. | | | | | | | | | | | | | | | |
| | E. HANGERS AND SUPPORTS: | | | | | | | | | | | | | | | |
| | <ol style="list-style-type: none"> DUCT HANGERS AND SUPPORTS SHALL BE IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE, 2005. EXECUTION <ol style="list-style-type: none"> UNLESS OTHERWISE SPECIFIED HEREIN OR INDICATED ON THE DRAWINGS, CONSTRUCT AND INSTALL SHEET METAL WORK IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE, 2005. PROVIDE SUPPLEMENTAL STIFFENING AND SUPPORTS TO DUCTS AND APPARATUS CASINGS TO PREVENT DRUMMING, SAGGING AND TO PROVIDE A STRUCTURALLY SOUND ASSEMBLY. DUCTWORK AND SHEET METAL SEAMS, JOINTS, PENETRATIONS, CONNECTIONS AND ATTACHMENTS SHALL BE SEALED. <ol style="list-style-type: none"> SEALANTS SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR EACH SPECIFIC APPLICATION. DUCTWORK FAILING THE LEAKAGE TESTS SPECIFIED IN SECTION 23 00 95, TESTING, ADJUSTING AND BALANCING SHALL BE REPAIRED, REWORKED OR REBUILT UNTIL SATISFACTORY, BEFORE ADDITIONAL DUCTWORK IS INSTALLED AND BEFORE DUCTWORK IS CONCEALED. ENTIRE AIR SYSTEM INSTALLATION SHALL BE RIGID, AND FREE FROM RATTLES AND AIR NOISES. INTERIOR OF DUCTS SHALL BE SMOOTH. PROVIDE OFFSETS, ELBOWS, AND TRANSITIONS TO COORDINATE WITH OTHER WORK. PROVIDE TRANSITIONS TO CONNECT DUCTWORK TO EQUIPMENT AND COILS. REUSED GRILLES, REGISTERS, DIFFUSERS SHALL BE IN FIRST CLASS CONDITION OR NEW SHALL BE INSTALLED. SEAL WALL AND FLOOR PENETRATIONS. | | | | | | | | | | | | | | | |
| | F. ROUND DUCTWORK: | | | | | | | | | | | | | | | |
| | <ol style="list-style-type: none"> JOINTS SHALL BE SEALED WITH DUCT SEALER. | | | | | | | | | | | | | | | |
| | G. FLEXIBLE DUCTWORK: | | | | | | | | | | | | | | | |
| | <ol style="list-style-type: none"> INSTALL FLEXIBLE DUCTWORK IN A FULLY EXTENDED CONDITION, FREE OF SAGS AND KINKS, USING THE MINIMUM LENGTH TO MAKE CONNECTION. SEAL JOINTS AS RECOMMENDED BY MANUFACTURER. MAXIMUM LENGTH OF FLEXIBLE DUCTS TO DIFFUSERS SHALL BE 7'. MAXIMUM LENGTH OF FLEXIBLE DUCTS TO TERMINAL UNITS SHALL BE 3'. USE ROUND GALVANIZED DUCT, SAME SIZE AS FLEXIBLE DUCT, FOR LONGER RUNOUTS. FLEXIBLE DUCTWORK SHALL BE FASTENED TO SPIN-IN FITTINGS, COLLARS AND TRANSITIONS BY DRAW BANDS AND DUCT TAPE. FOR DIFFUSERS, SIZE SAME DIAMETER AS DIFFUSER NECK TO WHICH IT CONNECTS. WHERE SIZE OF FLEXIBLE DUCT IS DIFFERENT THAN SIZE OF COLLAR, MAKE CONNECTION WITH A SHEET METAL TRANSITION. | | | | | | | | | | | | | | | |
| | A. HANGERS AND SUPPORTS: | | | | | | | | | | | | | | | |
| | <ol style="list-style-type: none"> ADJUST HANGERS AND SUPPORTS SO THAT LOADING IS UNIFORM. UNLESS OTHERWISE SPECIFIED HEREIN OR INDICATED ON THE DRAWINGS, DUCT HANGERS AND SUPPORTS SHALL BE IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE, 2005. SUPPORT HORIZONTAL DUCTWORK NOT MORE THAN 8' ON CENTER. DUCTWORK SHALL BE DIRECTLY SUSPENDED FROM OR SUPPORTED BY THE BUILDING STRUCTURE, BUT NOT FROM METAL DECK. | | | | | | | | | | | | | | | |
| | H. TESTING, ADJUSTING AND BALANCING | | | | | | | | | | | | | | | |
| | A. COMPONENT TYPES OF TESTING, ADJUSTING, AND BALANCING SPECIFIED IN THIS SECTION INCLUDE THE FOLLOWING AS APPLIED TO HVAC EQUIPMENT: | | | | | | | | | | | | | | | |
| | <ol style="list-style-type: none"> GRILLES, REGISTERS, AND DIFFUSERS. TERMINAL UNITS. | | | | | | | | | | | | | | | |
| | B. QUALITY ASSURANCE: | | | | | | | | | | | | | | | |
| | <ol style="list-style-type: none"> WORK SHALL BE PERFORMED BY A FIRM CERTIFIED BY THE NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB), OR THE ASSOCIATED AIR BALANCE COUNCIL (AABC) IN TESTING AND BALANCING FOR THIS TYPE OF PROJECT. WORK SHALL BE PERFORMED UNDER THE DIRECTION OF AN ENGINEER LICENSED IN THE STATE OF GEORGIA. CONFORM TO NEBB-2015, EIGHT EDITION PROCEDURAL STANDARDS FOR TESTING, ADJUSTING, AND BALANCING OF ENVIRONMENT SYSTEMS, OR AABC MN-1-2002, AS APPLICABLE TO MECHANICAL AIR AND HYDRONIC DISTRIBUTION SYSTEMS AND ASSOCIATED EQUIPMENT AND APPARATUS. CONFORM TO ASHRAE RECOMMENDATIONS PERTAINING TO MEASUREMENTS, INSTRUMENTS AND TESTING, ADJUSTING AND BALANCING, EXCEPT AS OTHERWISE SPECIFIED HEREIN. | | | | | | | | | | | | | | | |
| | C. SUBMIT CERTIFIED TEST, ADJUST AND BALANCE REPORTS SIGNED BY THE SUPERVISOR WHO PERFORMED THE TESTING, ADJUSTING, AND BALANCING WORK, COMPLYING WITH THE REQUIREMENTS OF THIS SECTION. INCLUDE THE FOLLOWING INFORMATION: | | | | | | | | | | | | | | | |
| | <ol style="list-style-type: none"> INCLUDE IDENTIFICATION AND TYPES OF INSTRUMENTS USED, THEIR MOST RECENT CALIBRATION DATES, AND METHODS OF TESTING AND BALANCING EACH SYSTEM AND PIECE OF EQUIPMENT. A FINAL TEST AND BALANCE REPORT INCLUDING ALL "SHALL" AND "SHOULD" REQUIREMENTS OF THE NEBB TAB PROCEDURAL STANDARDS, CHAPTER 5, STANDARDS FOR REPORTS AND FORMS. | | | | | | | | | | | | | | | |
| | D. PROJECT CONDITIONS: | | | | | | | | | | | | | | | |
| | <ol style="list-style-type: none"> DO NOT PROCEED WITH TESTING, ADJUSTING AND BALANCING WORK UNTIL: <ol style="list-style-type: none"> DEFICIENCIES IN THE SYSTEMS AND CONTROLS THAT WOULD PREVENT COMPLETE AND ACCURATE TESTING, ADJUSTING AND BALANCING HAVE BEEN CORRECTED. WORK IS COMPLETE AND SYSTEMS, INCLUDING AUTOMATIC TEMPERATURE CONTROLS, ARE OPERABLE. CLEANING, FLUSHING, LUBRICATION, AND START-UP SPECIFIED IN OTHER SECTIONS HAS BEEN ACCOMPLISHED. | | | | | | | | | | | | | | | |
| | E. EXECUTION | | | | | | | | | | | | | | | |
| | <ol style="list-style-type: none"> PROVIDE MATERIALS, EQUIPMENT, LABOR, AND POWER TO TEST, ADJUST, AND PROPORTIONALLY BALANCE NEW AND EXISTING HEATING, VENTILATING, REFRIGERATION, AND AIR CONDITIONING SYSTEMS AND COMPONENTS AS INDICATED ON THE DRAWINGS AND AS SPECIFIED HEREIN. VERIFY FUNCTIONING OF OPERATING DEVICES AND EQUIPMENT. IN ADDITION, THE FOLLOWING SPECIFIC TESTING, ADJUSTING AND BALANCING SHALL BE PERFORMED. AIR SYSTEMS BALANCING, GENERAL: <ol style="list-style-type: none"> TEST, ADJUST, AND BALANCE SYSTEMS TO ACHIEVE OPERATION AND DESIGN AIR QUANTITY, TEMPERATURE DIFFERENTIAL, AND PRESSURE DROP THROUGH DUCTWORK, EQUIPMENT, AND COMPONENTS. BALANCE EXISTING AIR AND HYDRONIC SYSTEMS TO PRODUCE THE FLOW RATES INDICATED ON THE DRAWINGS. BALANCE AND ADJUST INDIVIDUAL ROOM AIR DISTRIBUTION DEVICES TO ACHIEVE PRESSURE RELATIONSHIPS INDICATED ON THE DRAWINGS. BALANCE AND ADJUST INDIVIDUAL ROOM AIR DISTRIBUTION DEVICES TO ACHIEVE PRESSURE RELATIONSHIP INDICATED ON THE DRAWINGS. <ol style="list-style-type: none"> INITIAL OFFSETS ARE SHOWN ON THE DRAWINGS. ADJUST OFFSETS TO ACHIEVE A MINIMUM DIFFERENTIAL PRESSURE BETWEEN 0.03" WG TO 0.05" WG. THE FINAL REPORT SHALL INCLUDE THE FINAL MEASURED DIFFERENTIAL FOR EACH SPACE WITH THE CORRESPONDING OFFSET. SUBMIT REPORT OF SYSTEM DEFICIENCIES, LEAKS, OR DEFECTS THAT MUST BE CORRECTED TO SUCCESSFULLY PASS TESTS. PATCH HOLES IN INSULATION, VAPOR BARRIERS, DUCTWORK, AND HOUSINGS, WHICH HAVE BEEN CUT OR DRILLED FOR TEST PURPOSES. POSITION AND SECURE MEMORY STOPS ON VALVES USED FOR BALANCING. MARK EQUIPMENT SETTINGS, INCLUDING DAMPER CONTROL POSITIONS, VALVE INDICATORS, MEMORY STOP POSITIONS, AND CONTROLS AND DEVICES, TO SHOW FINAL SETTINGS AT COMPLETION OF TESTING, ADJUSTING, AND BALANCING WORK. PROVIDE MARKINGS WITH PAINT OR PERMANENT IDENTIFICATION MATERIALS. | | | | | | | | | | | | | | | |

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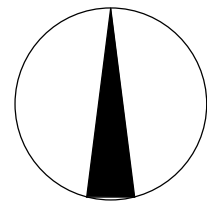


CHERRY EMERSON WEITZ RENOVATION

CHERRY EMERSON BUILDING
310 FERST DRIVE
ATLANTA, GA 30332

OWNER PROJECT NO.
0033-2022
PROJECT NO. 2021064

TRUE NORTH



ISSUE DATE 12.17.21
ISSUED FOR CONSTRUCTION

REVISIONS DATE

HVAC SPECIFICATIONS

SCALE
M.001



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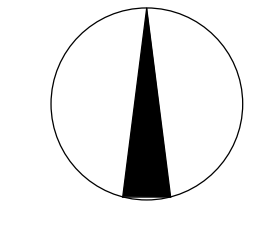
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HVAC LEVELS 1, 2, & 3 DEMOLITION PLANS

SCALE 1/4" = 1'-0"

M.021

GENERAL NOTES:

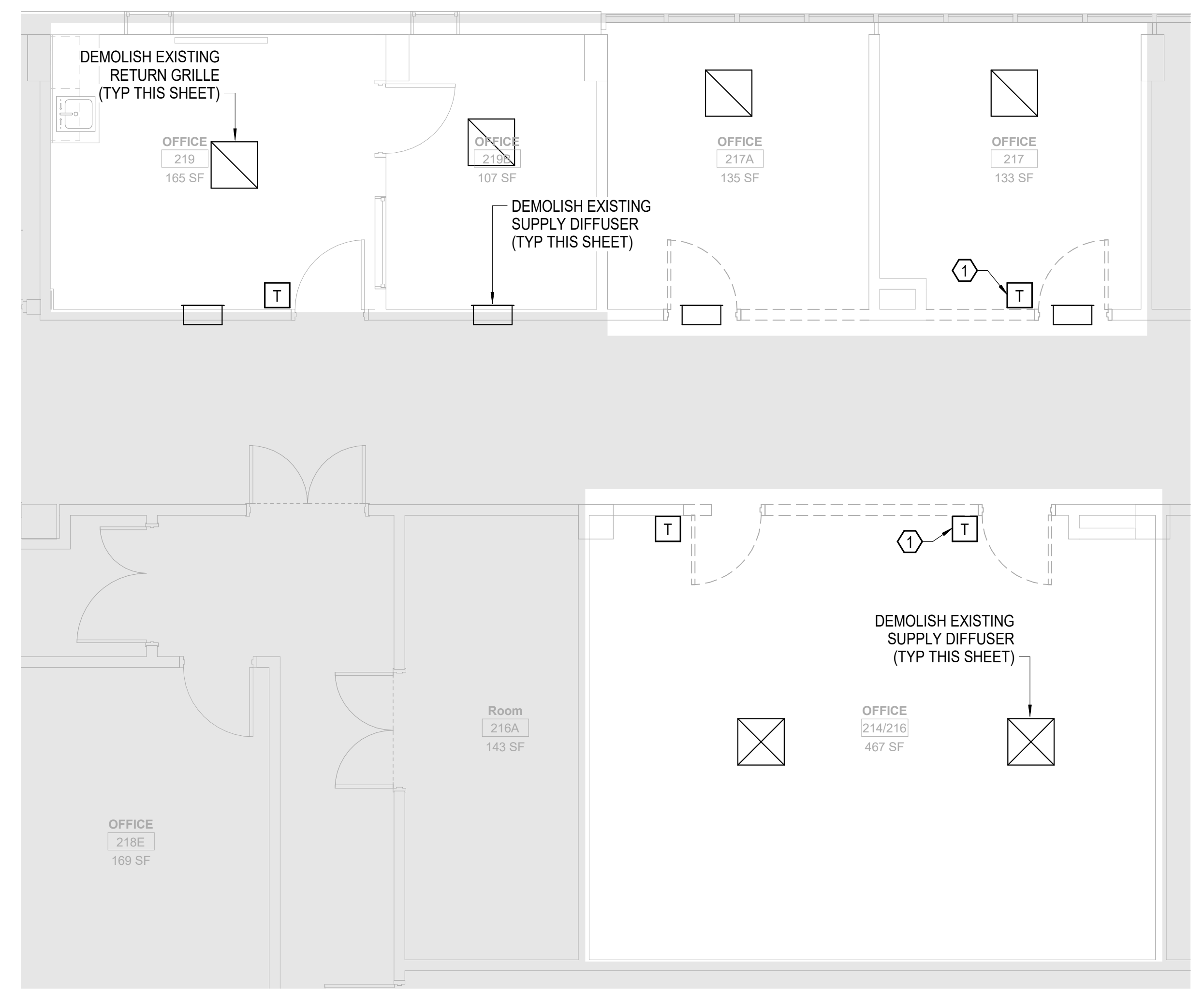
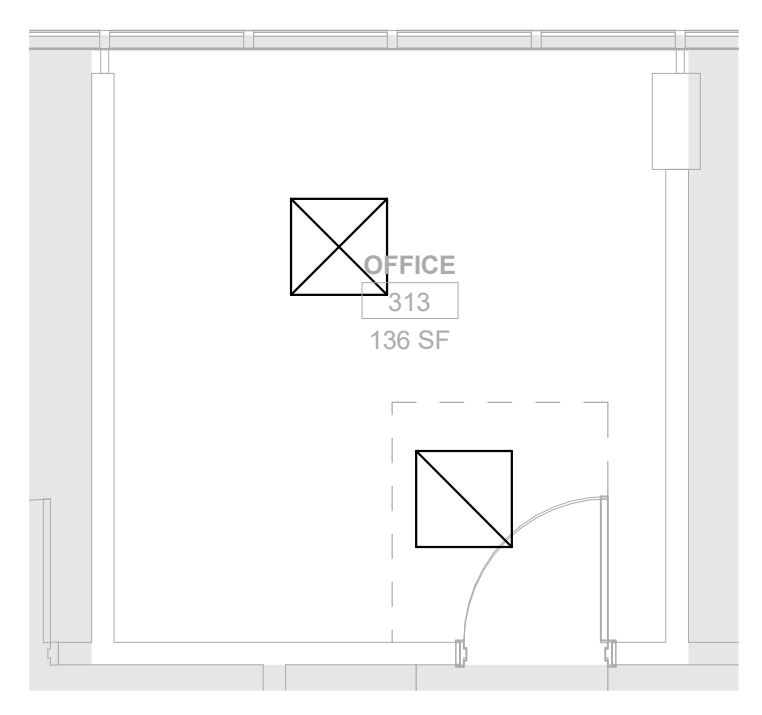
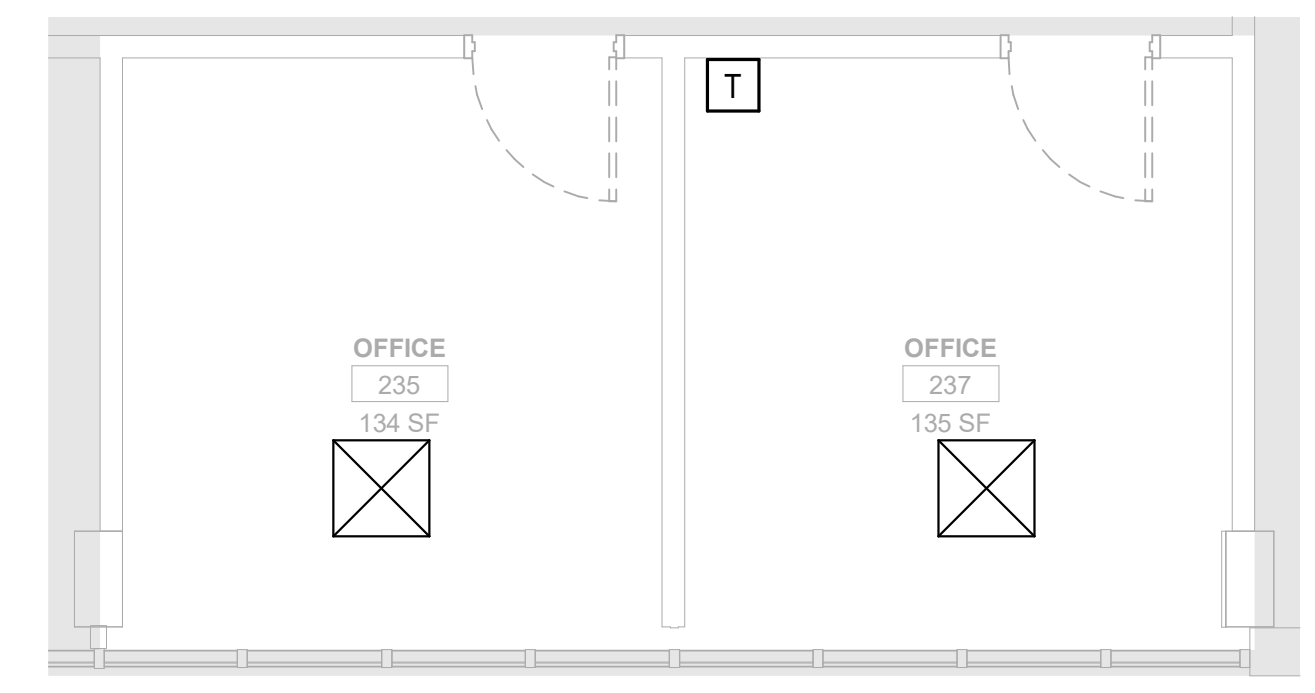
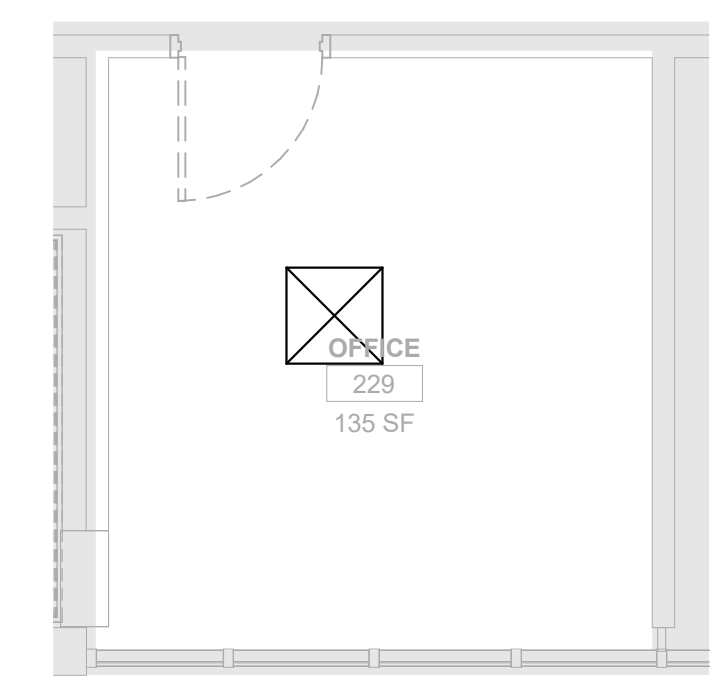
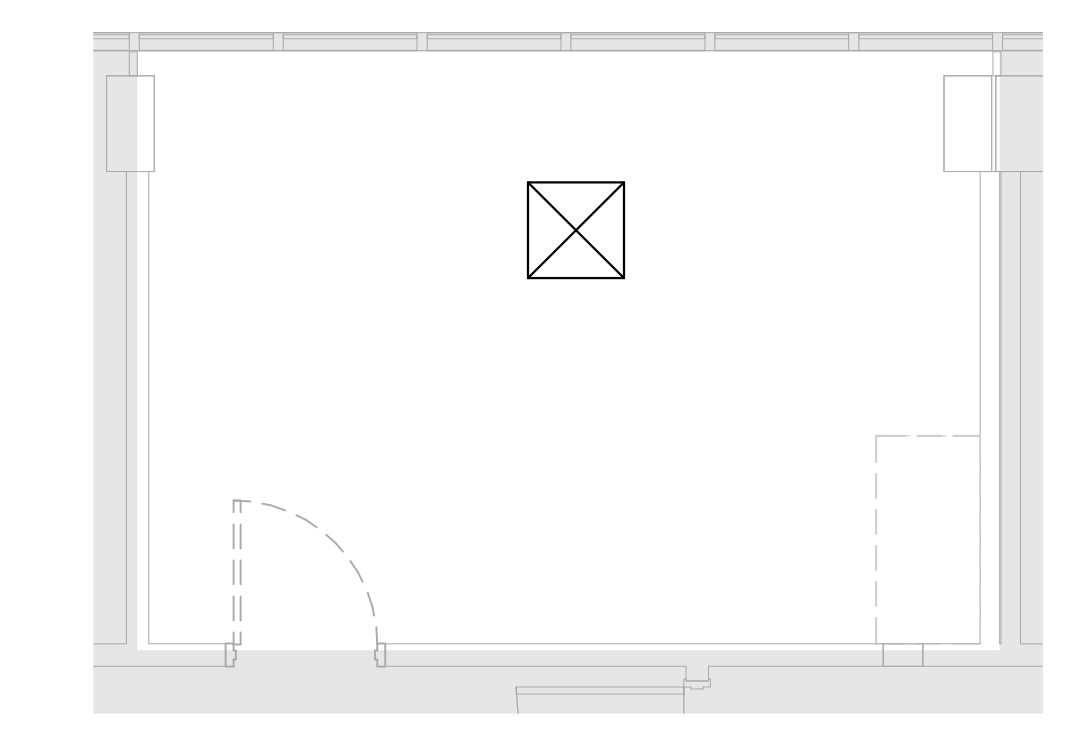
1. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF DEMOLITION.

DEMOLITION NOTES:

1. PRIOR TO START OR WORK, COORDINATE EXACT LIMITS OF DEMOLITION WITH ARCHITECT.
2. WORK INDICATED ON THIS SHEET IS EXISTING. DEMOLISH EXISTING SUPPLY DIFFUSERS AND RETURN GRILLES IN AREAS IN PROJECT SCOPE. TEMPERATURE SENSORS TO REMAIN.

KEY NOTES: (#)

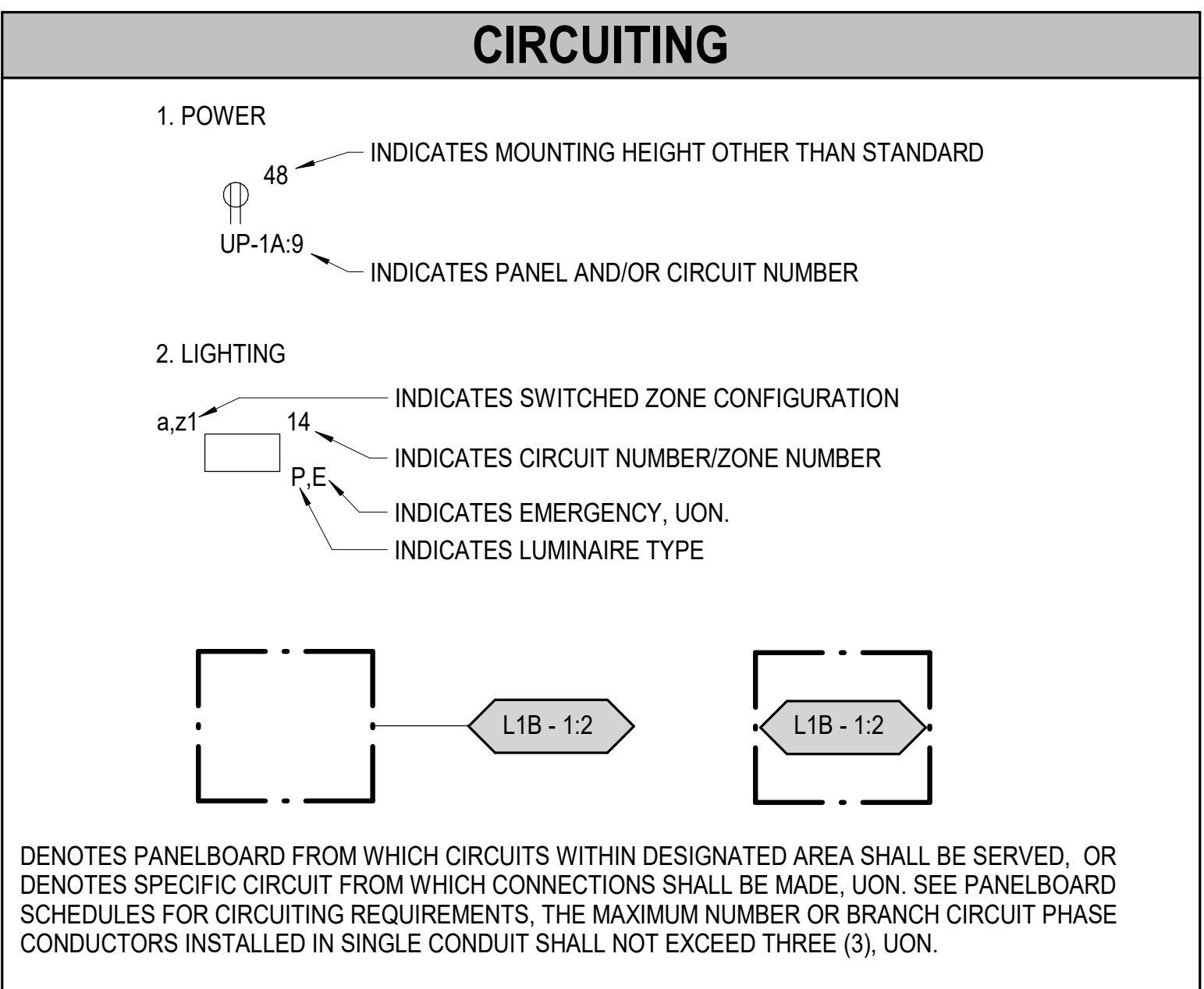
1. SEE SHEET M.101 FOR EXISTING TEMPERATURE SENSOR RELOCATION.



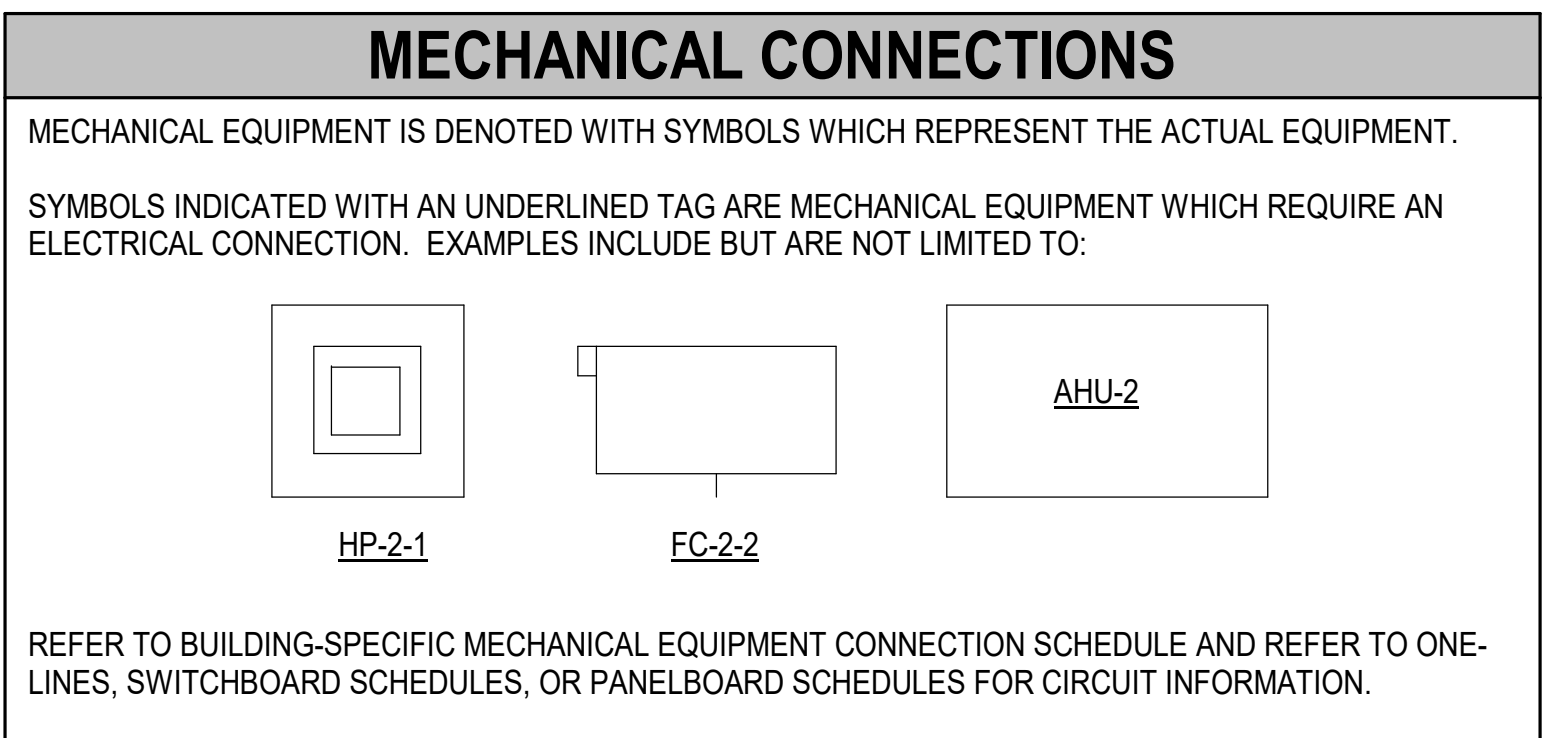
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| RACEWAYS AND WIRES | |
|--------------------|--|
| SYMBOL | DESCRIPTION |
| | RACEWAY CONCEALED IN FLOOR OR UNDERGROUND. |
| | RACEWAY CONCEALED IN CEILING CAVITY OR WALL. |
| | RACEWAY EXPOSED TO VIEW UNLESS OTHERWISE NOTED. |
| | FLEXIBLE RACEWAY. |
| | RACEWAY HOMERUN TO PANEL, ONE ARROWHEAD PER CIRCUIT. |
| | 3 WIRES #12 AWG IN CABLE OR CONDUIT, EXCLUDING GROUNDING CONDUCTOR. NOTE: NUMBER OF CROSS HATCHES INDICATES NUMBER OF #12 AWG CONDUCTORS, LESS GROUNDING CONDUCTOR. SHORT CROSS HATCH = PHASE CONDUCTOR. LONG CROSS HATCH = NEUTRAL. NO CROSS HATCHES INDICATES 2 #12 AWG EXCLUDING GROUNDING CONDUCTOR IN CABLE OR CONDUIT. |
| | RACEWAY TURNED UP. |
| | RACEWAY TURNED DOWN. |

| ELECTRICAL EQUIPMENT | |
|----------------------|--|
| SYMBOL | DESCRIPTION |
| | BRANCH PANELBOARD - WALL-MOUNTED, RECESSED-MOUNTED, SURFACE-MOUNTED 480/277 V, 208/120 V |
| | DISTRIBUTION PANELBOARD. 480/277 V, 208/120 V |
| | INDIVIDUAL CIRCUIT BREAKER, TRIP/POLES. MOUNT 48" AFF, UNLESS OTHERWISE NOTED. |
| | DISCONNECT SWITCH, SIZE/POLES/FUSE/ENCLOSURE TYPE IF OTHER THAN NEMA 1. MOUNT 48" AFF, UNLESS OTHERWISE NOTED. |
| | MOTOR, NUMERAL INDICATES HP. "F" INDICATES FRACTIONAL HORSE POWER. |
| | MOTOR CONTROLLER. MOUNT 48" AFF, UNLESS OTHERWISE NOTED. |
| | COMBINATION MOTOR CONTROLLER/DISCONNECT. MOUNT 48" AFF, UON. |
| | MOTOR STARTER, MANUAL WITH THERMAL OVERLOAD. MOUNT 48" AFF, UON. |
| | GROUNDING ELECTRODE. |
| | WOOD BACKBOARD. |
| | PULLBOX. |



| WIRING DEVICES | | |
|--|--|---------------------------|
| SYMBOL | DESCRIPTION | MOUNTING HEIGHT, AFF, UON |
| <ul style="list-style-type: none"> LETTER(S) ADJACENT TO SYMBOLS INDICATE TYPE, AS LISTED BELOW. SEE SPECIFICS RELATED TO EACH TYPE. SHADED REGION INDICATES PROVISIONS FOR EMERGENCY POWER, UNLESS OTHERWISE NOTED. | | |
| | BLANK - STANDARD DEVICE. S - SWITCHED RECEPTACLE. USB - USB RECEPTACLE. IG - ISOLATED GROUND. NL - NIGHTLIGHT C - CORROSION-RESISTANT. WP - PROVIDE WITH WEATHERPROOF FACEPLATE. AV - MOUNT ADJACENT TO A/V INPUT WALL PLATE. REFER TO A/V DRAWINGS FOR EXACT REQUIREMENTS AND MOUNTING HEIGHTS. TV - FOR A/V MONITOR, MOUNTED WITHIN A/V BACKBOX. COORDINATE MOUNTING WITH A/V CONTRACTOR, UON. | |
| | DUPLEX RECEPTACLE OUTLET, WALL-MOUNTED. | 18" |
| | DUPLEX RECEPTACLE OUTLET, WALL-MOUNTED, ABOVE COUNTER. | 18" |
| | GFCI DUPLEX RECEPTACLE OUTLET, WALL-MOUNTED. | 18" |
| | DOUBLE DUPLEX RECEPTACLE OUTLET, WALL-MOUNTED. | 18" |
| | GFCI DOUBLE DUPLEX RECEPTACLE OUTLET, WALL-MOUNTED. | 18" |
| | DUPLEX RECEPTACLE OUTLET, EXISTING TO REMAIN. | |
| | SINGLE RECEPTACLE OUTLET, STRAIGHT-BLADE, WALL-MOUNTED. | 18" |
| | BLANK - STANDARD DEVICE. IG - ISOLATED GROUND. CL - CLOCK HANGAR, TAMPER RESISTANT. | |
| | SPECIAL RECEPTACLE, WALL-MOUNTED. SEE SCHEDULE. | |
| | CONNECTION TO MODULAR FURNITURE, WALL-MOUNTED. PROVIDE FLEXIBLE NON-METALLIC CONNECTION. | |
| | JUNCTION BOX, WALL-MOUNTED. | |
| | JUNCTION BOX, FLOOR. | |
| | JUNCTION BOX, ABOVE CEILING. | |
| | DUPLEX RECEPTACLE, CEILING-MOUNTED. | |
| | DUPLEX RECEPTACLE MOUNTED IN POKE-THRU WITH COVERPLATE. BLANK = POWER ONLY P/D = POWER / DATA AV = AUDIO VISUAL | |



| LUMINAIRES | | |
|---|---|---------------------------|
| SYMBOL | DESCRIPTION | MOUNTING HEIGHT, AFF, UON |
| <ul style="list-style-type: none"> LETTER(S) ADJACENT TO SYMBOLS INDICATE LUMINAIRE TYPE, AS LISTED ON LUMINAIRE SCHEDULE. SEE LUMINAIRE SCHEDULE FOR SPECIFICS RELATED TO EACH TYPE. SHADED REGION INDICATES PROVISIONS FOR EMERGENCY BATTERY PACK, UON. | | |
| | RECESSED- OR SURFACE-MOUNTED. 2'x2', 2'x4', AND 1'x4' | |
| | NARROW, LINEAR LUMINAIRE. RECESSED-, SURFACE-, OR PENDANT MOUNTED. LENGTH PER FLOOR PLANS. | |
| | RECESSED WALLWASH DOWNLIGHT. ROUND, SQUARE APERTURE. | |
| | RECESSED DOWNLIGHT. ROUND, SQUARE APERTURE. | |
| | MONO-POINT PENDANT WITH ROUND APERTURE. | |
| | WALL-MOUNTED LUMINAIRE. | |
| | WALL-MOUNTED LINEAR LUMINAIRE. | |
| | INDUSTRIAL STRIP LUMINAIRE. | |
| | ADJUSTABLE LUMINAIRE. LETTER INDICATES LUMINAIRE TYPE. | |
| | EXIT LIGHT, CEILING-, PENDANT-, OR WALL-MOUNTED. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR ARROW AND FACE REQUIREMENTS. ELECTRICAL DRAWINGS REFERENCE LOCATIONS AND INDICATED CODE REQUIRED CIRCUIT INFORMATION. | |
| | TRACK LUMINAIRE. | |

| LIGHTING CONTROL DEVICES | | |
|--------------------------|--|----------------------------|
| SYMBOL | DESCRIPTION | MOUNTING HEIGHT, AFF, UON. |
| | SWITCH, WALL-MOUNTED, TYPE DESIGNATED: BLANK - SINGLE-POLE, SINGLE-THROW 3 - 3-WAY, SINGLE-POLE, DOUBLE-THROW 4 - 4-WAY, DOUBLE-POLE, DOUBLE-THROW P - PILOT LIGHT H - LIGHTED HANDLE K - KEYED MC - MOMENTARY CONTACT S - PROJECTION SCREEN CONTROL OS - OCCUPANCY SENSOR TYPE OS2 - OCCUPANCY SENSOR TYPE, DUAL RELAY VS - VACANCY SENSOR TYPE TS - TIMER SWITCH WP - WEATHERPROOF, SINGLE-POLE, SINGLE-THROW | COORD WITH ARCH |
| | DIMMER WITH SINGLE-POLE SWITCH, WALL-MOUNTED, TYPE DESIGNATED: BLANK - 0-10 VOLT 3 - 3-WAY LV - LOW VOLTAGE | COORD WITH ARCH |
| | NETWORKED LIGHTING CONTROL STATION, DESIGNATION INDICATED: MCS - MASTER CONTROL STATION RCS - REMOTE CONTROL STATION | COORD WITH ARCH |
| | CEILING-MOUNTED LIGHTING CONTROL DEVICE, DESIGNATION INDICATED: OS - OCCUPANCY SENSOR VS - VACANCY SENSOR PS - PHOTOSENSOR | |
| | CORNER-MOUNTED (WALL OR CEILING) LIGHTING CONTROL DEVICE, DESIGNATION INDICATED: | WALL 8'-0" AFF |
| | EMERGENCY LIGHTING CONTROL RELAY. | |
| | TIME SWITCH. | |
| | PHOTOCELL. | |
| | CONTACTS, NORMALLY OPEN. | |
| | CONTACTS, NORMALLY CLOSED. | |

DISCLAIMER

SYMBOLS, ABBREVIATIONS, AND OTHER INFORMATION DEPICTED ON THIS SHEET ARE FOR INFORMATION ONLY AND SHALL NOT CONSTITUTE A CHECKLIST FOR SCOPE INCLUDED IN THIS CONTRACT. ITEMS SHOWN ON THIS SHEET MAY NOT APPEAR AGAIN IN THE ELECTRICAL SERIES.



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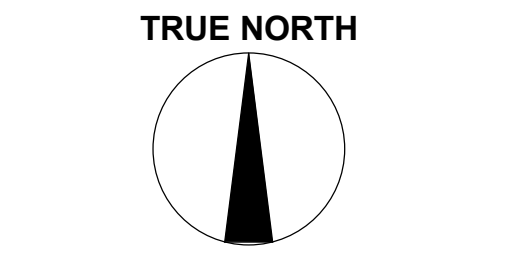


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CHERRY EMERSON WEITZ RENOVATION

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310 FERST DRIVE
ATLANTA, GA 30332
OWNER PROJECT NO.
0033-2022
PROJECT NO. 2021064



ISSUE DATE 12.17.21
ISSUED FOR CONSTRUCTION

REVISIONS DATE

ELECTRICAL LEGEND

SCALE NO SCALE

E.000

ELECTRICAL SPECIFICATIONS

- A. GENERAL:**
- COMPLY WITH PROVISIONS OF NFPA 70-2017 LOCAL CODES. LOCAL CODES AND REGULATIONS SHALL GOVERN IN CASE OF CONFLICT.
 - PROVIDE ACCESS TO EQUIPMENT AND APPARATUS REQUIRING OPERATION, SERVICE OR MAINTENANCE.
 - OPENINGS THROUGH FIRE RATED FLOORS AND PARTITIONS SHALL BE SEALED WITH FIRE RATED SEALANT AFTER INSTALLATION OF RACEWAYS IN A MANNER TO MAINTAIN THE FIRE RATING OF THE SEPARATION.
 - THE EXISTING INSTALLATION SHALL REMAIN EXCEPT WHERE OTHERWISE INDICATED OR SPECIFIED.
 - PERFORM ALL WORK NECESSARY TO INTERCONNECT THE NEW WORK WITH THE EXISTING WORK AND TO ADAPT THE EXISTING WORK TO THE CHANGES IN THE BUILDING AND THE SYSTEM.
 - COORDINATE THE INSTALLATION WITH THE STRUCTURE, ARCHITECTURE, AND WORK OF OTHER TRADES TO ELIMINATE CONFLICTS.
 - WHERE EXISTING MECHANICAL EQUIPMENT IS MODIFIED OR RELOCATED, MODIFY THE ELECTRICAL CONNECTIONS TO THE EQUIPMENT TO ADAPT IT TO ITS NEW FUNCTION OR LOCATION.
 - ELECTRICAL MATERIALS SHALL BE NEW AND LISTED BY THE UNDERWRITERS' LABORATORIES, INC. WHEREVER STANDARDS HAVE BEEN ESTABLISHED AND LABEL SERVICE IS REGULARLY FURNISHED BY THIS AGENCY.
 - EACH CIRCUIT BREAKER, PANELBOARD, DISCONNECT SWITCH, OR OTHER DEVICE SHALL HAVE AN IDENTIFYING NAMEPLATE AFFIXED. NAMEPLATES SHALL BE LAMINATED PLASTIC, WHITE ENGRAVED LETTERS ON BLACK BACKGROUND FOR NORMAL POWER SUPPLY AND WHITE ENGRAVED LETTERS ON RED BACKGROUND FOR EMERGENCY POWER SUPPLY. LETTERS SHALL BE 0.25" HIGH.
- B. DEMOLITION:**
- EQUIPMENT, APPARATUS, AND EXPOSED WIRING AND RACEWAYS RENDERED USELESS DUE TO CHANGES SHALL BE REMOVED.
 - WHERE EXISTING CEILINGS ARE REMOVED, LUMINAIRES, EXIT SIGNS, AND OTHER ELECTRICAL POWER AND SIGNAL APPARATUS MOUNTED TO THE CEILING OR CEILING SUPPORTS, INCLUDING ASSOCIATED RACEWAYS AND WIRING, SHALL BE REMOVED.
 - MATERIAL AND EQUIPMENT WHICH HAS BEEN REMOVED SHALL NOT BE USED IN THE NEW WORK, EXCEPT AS INDICATED HEREIN.
 - MAINTAIN AND RESTORE, IF INTERRUPTED, ALL CONDUITS AND FEEDERS PASSING THROUGH RENOVATED AREAS AND SERVICING UNDISTURBED AREAS.
 - CONCEALED WIRING AND RACEWAYS WHICH ARE EXPOSED BY THE REMOVAL OF WALLS, PARTITIONS, AND CEILINGS SHALL BE REMOVED. NEW CONCEALED WIRING AND RACEWAYS SERVING EXISTING LOADS PRESENTLY SERVED BY THE REMOVED WIRING AND RACEWAYS SHALL BE PROVIDED.
 - WHERE EXISTING MECHANICAL EQUIPMENT IS REMOVED, ELECTRIC WIRING, RACEWAYS, SWITCHES AND STARTERS ASSOCIATED WITH THE EQUIPMENT SHALL BE REMOVED.
- C. WIRING DEVICES:**
- DEVICES SHALL BE BY THE SAME MANUFACTURER.
 - DEVICES ON NORMAL POWER CIRCUITS SHALL BE GRAY IN COLOR.
 - SINGLE-POLE WALL SWITCHES SHALL BE 277 V, 20 A, COOPER 2221, HUBBELL HBL1221, LEVITON 1221-2, OR P&S PS20AC1.
 - DUPLEX RECEPTACLES SHALL BE 125 V, WITH ONE-PIECE SOLID BRASS MOUNTING STRAP WITH INTEGRAL GROUND CONTACTS, COLORED GRAY FOR USE ON NORMAL POWER CIRCUITS. MANUFACTURER, 20 A: COOPER AH5362, HUBBELL HBL5362, LEVITON 5362, OR P&S 5362A.
 - GROUND FAULT CIRCUIT INTERRUPTERS SHALL BE UL 943-2016 COMPLIANT, 125 V, DUPLEX TYPE, GRAY COLOR FOR USE ON NORMAL POWER CIRCUITS. MANUFACTURER: COOPER TWRVGF20, HUBBELL GFR53525G, LEVITON W7899-TR, OR P&S 2095TRWR.
 - THE APPROXIMATE LOCATIONS OF DEVICE OUTLETS ARE INDICATED. THE EXACT LOCATIONS SHALL BE DETERMINED AT THE BUILDING. THE ARCHITECT RESERVES THE RIGHT TO CHANGE THE EXACT LOCATION OF ANY SWITCH, CEILING OR OTHER OUTLET IN ANY ROOM BEFORE IT IS PERMANENTLY INSTALLED.
 - MOUNTING HEIGHTS OF OUTLETS SHALL BE AS INDICATED MEASURED TO THE CENTERLINE OF THE OUTLET.
 - WHERE OUTLETS AT DIFFERENT LEVELS ARE SHOWN ADJACENT, THEY SHALL BE INSTALLED IN ONE VERTICAL LINE.
 - RECEPTACLES ON DEDICATED CIRCUITS FOR SPECIFIC ITEMS OF EQUIPMENT SHALL HAVE THE EQUIPMENT NAME ENGRAVED IN 0.125" HIGH LETTERS ON THE DEVICE PLATE.

- E. DEVICE COVERPLATES:**
- COVERPLATES FOR FLUSH WALL OUTLETS (SWITCH, RECEPTACLE, TELEPHONE, ETC.) SHALL BE TYPE 302 SATIN FINISH STAINLESS STEEL AS MANUFACTURED BY COOPER, HUBBELL, LEVITON, OR P&S.
 - PROVIDE CLEAR LABEL WITH 0.125" BLACK LETTERING INDICATING PANELBOARD AND CIRCUIT NUMBER.
- F. RACEWAYS:**
- CONDUIT SIZES REFER TO THE STANDARD TRADE SIZES, ARE FOR IDENTIFICATION PURPOSES ONLY, AND ARE NOT ACTUAL DIMENSIONS.
 - WIRES SHALL BE INSTALLED IN RACEWAYS UNLESS OTHERWISE SPECIFIED.
 - CONCEALED AND EXPOSED RIGID RACEWAYS SHALL BE ELECTRICAL METALLIC TUBING, OF ELECTRO OR HOT-DIP GALVANIZED STEEL.
 - RACEWAYS SHALL BE GALVANIZED FLEXIBLE STEEL CONDUIT FOR CONNECTIONS TO MOTORS (MAXIMUM LENGTH 18").
 - JUNCTION BOXES INSTALLED FOR FUTURE USE SHALL BE PROVIDED WITH BLANK COVERPLATES.
 - CONNECTORS AND COUPLINGS FOR RIGID CONDUIT SHALL BE THREADED GALVANIZED STEEL. INSULATED BUSHINGS SHALL BE INSTALLED ON RIGID CONDUIT CONNECTORS IN CABINETS, OUTLET BOXES AND PULL BOXES.
 - FITTINGS FOR ELECTRICAL METALLIC TUBING SHALL BE STEEL TYPE WITH INSULATED THROAT CONNECTORS AND SHALL BE CODE APPROVED FOR EACH SPECIFIC APPLICATION.
 - CONNECTORS FOR FLEXIBLE STEEL CONDUIT (NONWATERTIGHT) SHALL OF THE TWIST-IN, INSERTION TYPE, WITH INSULATED THROAT.
 - CONCEALED RACEWAYS NOT IN SLABS OR WALLS SHALL BE SUPPORTED WITH CLAMPS ON HANGERS AT 8' OR LESS INTERVALS.
 - IN GENERAL, THE CONDUIT INSTALLATION SHALL FOLLOW THE LAYOUT INDICATED. THIS LAYOUT IS, HOWEVER, DIAGRAMMATIC ONLY, AND WHERE CHANGES ARE NECESSARY DUE TO STRUCTURAL CONDITIONS, OTHER APPARATUS, OR OTHER CAUSES, SUCH CHANGES SHALL BE MADE WITHOUT ANY ADDITIONAL COST TO THE OWNER. OFFSETS IN CONDUITS ARE NOT INDICATED AND MUST BE FURNISHED AS REQUIRED.
 - PULL LINES SHALL BE INSTALLED IN EMPTY RACEWAYS. AT EACH END, LEAVE 12" OF SLACK COILED IN BOX OR AT END OF RACEWAYS.
- G. WIRING:**
- NO WIRE SHALL BE SMALLER THAN #12 AWG UNLESS OTHERWISE INDICATED.
 - WIRE AND CABLE SHALL BE ANNEALED SOFT DRAWN COPPER AND HAVE A CONDUCTANCE OF 98%.
 - SPLICES, TAPS AND TERMINATIONS:
 - SPLICES AND TAPS IN BRANCH CIRCUIT CONDUCTORS, #12 AWG THROUGH #8 AWG, SHALL BE MADE WITH MECHANICAL PRESSURE CONNECTORS.
 - TERMINATIONS OF STRANDED COPPER CONDUCTORS SHALL BE MADE WITH COPPER COMPRESSION OR INDENTOR TYPE LUGS OR WITH MECHANICAL PRESSURE LUGS.
 - JOINTS SHALL BE COVERED WITH 7 MIL ELECTRICAL TAPE ON BRANCH CIRCUIT WIRING CONNECTIONS, AND 10 MIL ELECTRICAL TAPE ON MECHANICAL AND INDENT CONNECTORS ON LARGER CABLES. PATENTED PLASTIC CONNECTION COVERS MAY BE USED FOR CONNECTORS IF APPROVED BY LOCAL AUTHORITY HAVING JURISDICTION.
 - WIRE SHALL BE COLOR-CODED TO INDICATE THE VARIOUS PHASES AND NEUTRAL. WHERE COLOR-CODING IS IMPRACTICAL, 0.75" WIDE TAPE BANDS SHALL BE PROVIDED.
 - INSULATION SHALL BE NEC TYPE THWN/THHN.
 - COLOR-CODING FOR THE VARIOUS SYSTEMS SHALL BE AS FOLLOWS:
 - FOR 208/120 V SYSTEM:
 - PHASE A - BLACK
 - PHASE B - RED
 - PHASE C - BLUE
 - NEUTRAL - WHITE
 - GROUND - GREEN
- H. EQUIPMENT GROUNDS:**
- EQUIPMENT, ENCLOSURES AND RACEWAYS SHALL BE GROUNDED.
 - UNLESS OTHERWISE INDICATED, FOR CIRCUITS PROTECTED BY DEVICES RATED 20 A OR LESS, RACEWAYS MAY SERVE AS THE GROUNDING MEDIUM. ON CIRCUITS PROTECTED BY DEVICES RATED ABOVE 20 A, A GREEN COLORED OR GREEN IDENTIFIED GROUNDING CONDUCTOR SHALL BE INSTALLED IN THE RACEWAY WITH THE PHASE CONDUCTORS.
 - BOND GROUND CONDUCTORS AT ORIGIN OF CIRCUITS, AT INTERMEDIATE PULL BOXES, AND TO PANELBOARDS OR EQUIPMENT AT TERMINATIONS.

- I. LUMINAIRES:**
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF LUMINAIRES.
 - PROVIDE SEPARATE NEUTRALS FOR DIMMED CIRCUITS.
 - SEE ARCHITECTURAL SECTIONS AND ELEVATIONS FOR EXACT LOCATIONS OF WALL-MOUNTED LUMINAIRES.
 - CEILING-MOUNTED LUMINAIRES SHALL BE INDEPENDENTLY SUPPORTED FROM THE STRUCTURE.
 - LUMINAIRES SHALL BE UL LISTED AND PROVIDED WITH AN UL LABEL.
- J. MISCELLANEOUS:**
- MAINTAIN, ON SITE, A COMPREHENSIVE SET OF DRAWINGS WITH AS-BUILT CONDITIONS CLEARLY INDICATED IN RED.
 - VERIFY CODE COMPLIANCE OF EXISTING CONDITIONS. IF ANY OF THE EXISTING ELECTRICAL INSTALLATION TO BE UTILIZED IN TENANT CONSTRUCTION IS FOUND TO BE DEFECTIVE OR IN VIOLATION OF NATIONAL, STATE OR LOCAL CODES, NOTIFY THE ARCHITECT IN WRITING WITHIN 5 WORKING DAYS.
 - VERIFY THE LOAD ON EXISTING CIRCUITS TO BE MODIFIED AND/OR REUSED TO ENSURE THAT THE RATINGS OF THE OVERCURRENT PROTECTION DEVICES ARE NOT EXCEEDED. A TRUE-RMS AMMETER WHICH GIVES WIDE BANDWIDTH READINGS OF CURRENT WITH HARMONICS SHALL BE USED. NOTIFY THE ARCHITECT OF ANY OVERLOAD CONDITIONS IN WRITING WITHIN 5 WORKING DAYS.
 - WORK SHALL BE NEAT IN APPEARANCE, PLUMB, LEVEL AND TRUE. ANY WORK DEEMED UNSATISFACTORY BY THE ARCHITECT SHALL IMMEDIATELY BE REMOVED AND REPLACED.

LUMINAIRE NOTES

- CONTRACTOR TO VERIFY RECESS DEPTH WILL FIT.
- CONTRACTOR SHALL VERIFY ALL CATALOG CODES WITH WRITTEN AND DRAWN DESCRIPTIONS.
- CONTRACTOR TO SUPPLY REQUIRED DRIVERS AND TRANSFORMERS WHICH ARE FULLY COMPATIBLE WITH THE CONTROL SYSTEM.
- DETAILED SHOP DRAWING IS REQUIRED FOLLOWING APPROVAL OF LUMINAIRE SUBMITTAL.
- ARCHITECT TO VERIFY FIXTURE FINISHES.
- ARCHITECT TO VERIFY CEILING OF CEILING MATERIALS AND THICKNESS FOR FIXTURE TRIM COORDINATION.
- CONTRACTOR SHALL PRICE AS SPECIFIED AND MUST PROVIDE "CONTRACTOR NET" UNIT PRICING FOR EACH SPECIFIED FIXTURE. UNIT PRICING SHALL BE FOR EQUIPMENT ONLY AND NOT INCLUDE INSTALLATION OR MISCELLANEOUS ELECTRICAL COSTS. THE UNIT PRICE SHALL BE GUARANTEED FOR THE PROJECT AND VALID FOR ADDITIONS AND DELETIONS THROUGHOUT THE DURATION OF THE PROJECT. FAILURE TO PROVIDE THIS COST BREAKDOWN, WILL RESULT IN THE DESIGN TEAM UNABLE TO ASSESS OR REVIEW COSTS AND/OR COST REDUCTION OPPORTUNITIES.
- "DISTRIBUTOR NET" PRICING WILL BE SECURED FOR ALL SPECIFIED FIXTURES TO BE USED IN THE PREPARATION OF PROBABLE COST. A CONFIDENTIAL RECORD OF SPECIFIC UNIT COSTS MAY BE SHARED WITH THE OWNER TO ASSIST WITH A COST ANALYSIS.
- CONTRACTOR SHALL PROVIDE SEPARATE PRICING FOR LIGHTING AND LIGHTING CONTROLS.
- EQUIPMENT AND MATERIALS, EXCEPT AS OTHERWISE SPECIFIED HEREIN, SHALL BE NEW AND OF THE CUSTOMARY STANDARD AND QUALITY FURNISHED BY THE DESIGNATED MANUFACTURER FOR THAT CATALOG NUMBER.
- MATERIALS AND EQUIPMENT SHALL BE UL LISTED, SHALL MEET UL REQUIREMENTS, AND SHALL BEAR THE UL OR UL EQUIVALENT LABEL. WHEREVER STANDARDS HAVE BEEN ESTABLISHED AND LABEL SERVICE IS REGULARLY FURNISHED BY UL.
- CONTRACTOR SHALL PROVIDE APPROVED FIRE RATED ENCLOSURES FOR ALL LIGHTING FIXTURES LOCATED IN A FIRE RATED CEILING.
- PROVIDE MOUNTING FRAME AND RELATED ACCESSORIES FOR ALL FIXTURES AS REQUIRED TO MATCH CEILING CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT CEILING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR MODIFICATION OF FIXTURE SCHEDULE MANUFACTURER'S PART NUMBERS FOR PURPOSES OF MATCHING CEILING CONSTRUCTION.

LUMINAIRE SCHEDULE

| TYPE | MANUFACTURER | MODEL | SOURCE INFORMATION | | | | ELECTRICAL INFORMATION | | | MOUNTING | FINISH | DESCRIPTION |
|------|-----------------------------|--|--------------------|---------|--------------|----------------|------------------------|----------|----------------------|------------------------|--------|---|
| | | | TYPE | MIN CRI | LUMEN OUTPUT | COLOR TEMP (K) | VOLTAGE | LOAD (W) | POWER SOURCE | | | |
| R1 | MARK ARCHITECTURAL LIGHTING | WHSPER-1X4-4800LM-35K-8 0CRI-MIN1-ZT-MVOLT-SWC | LED | 80 | 4800 | 3500 | UNV | 48 | 0-10V DIMMING DRIVER | RECESSED, GRID CEILING | WHITE | 1' X 4' ARCHITECTURAL TROFFER LED. |
| R2 | | | | | 3300 | | | | | | | SAME AS TYPE 'R1' EXCEPT 3300 LUMEN OUTPUT. |
| R3 | | | | | 2000 | | | | | | | SAME AS TYPE 'R1' EXCEPT 2000 LUMEN OUTPUT. |

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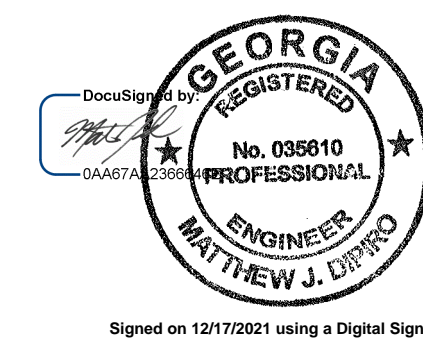
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COA EXP: 06/30/2022



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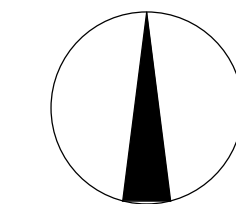


**CHERRY
EMERSON WEITZ
RENOVATION**

CHERRY EMERSON BUILDING
310 FERST DRIVE
ATLANTA, GA 30332

OWNER PROJECT NO.
0033-2022
PROJECT NO. 2021064

TRUE NORTH



ISSUE DATE 12.17.21
ISSUED FOR CONSTRUCTION

REVISIONS DATE

ELECTRICAL
SPECIFICATIONS
AND SCHEDULES

SCALE NO SCALE

E.001



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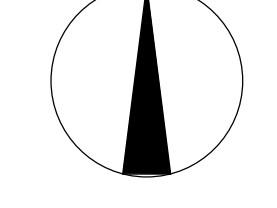


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|-----------|------|
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ELECTRICAL LEVELS 1, 2, & 3 DEMOLITION PLANS

SCALE 1/4" = 1'-0"

E.021

GENERAL NOTES:

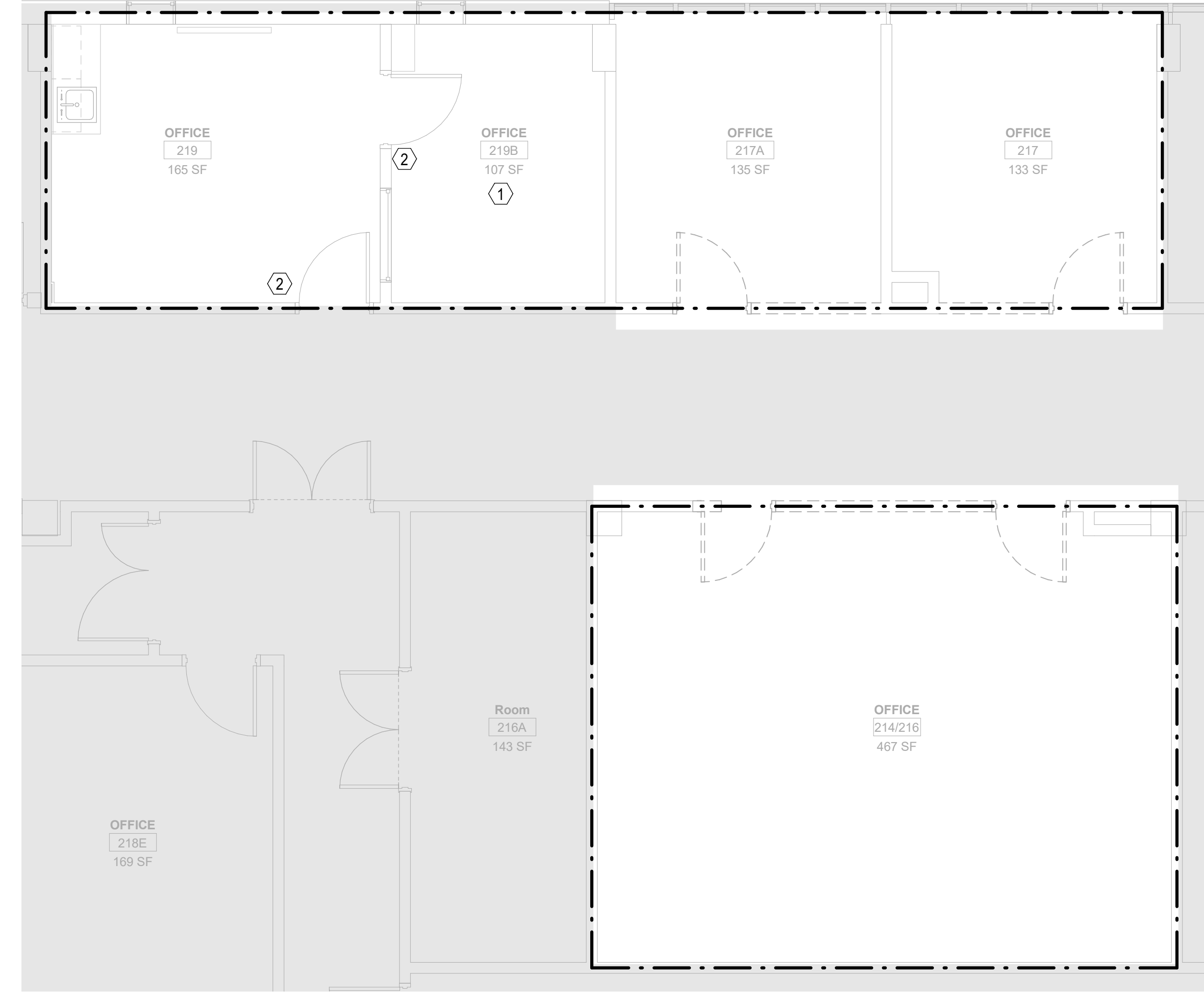
1. FIRE ALARM SYSTEM SHALL NOT BE DISTURBED.
2. MAINTAIN EXISTING NORMAL POWER CIRCUIT(S) WITHIN EACH OFFICE SPACE. MODIFY AS REQUIRED FOR NEW WORK.
3. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF DEMOLITION.

DEMOLITION NOTES:

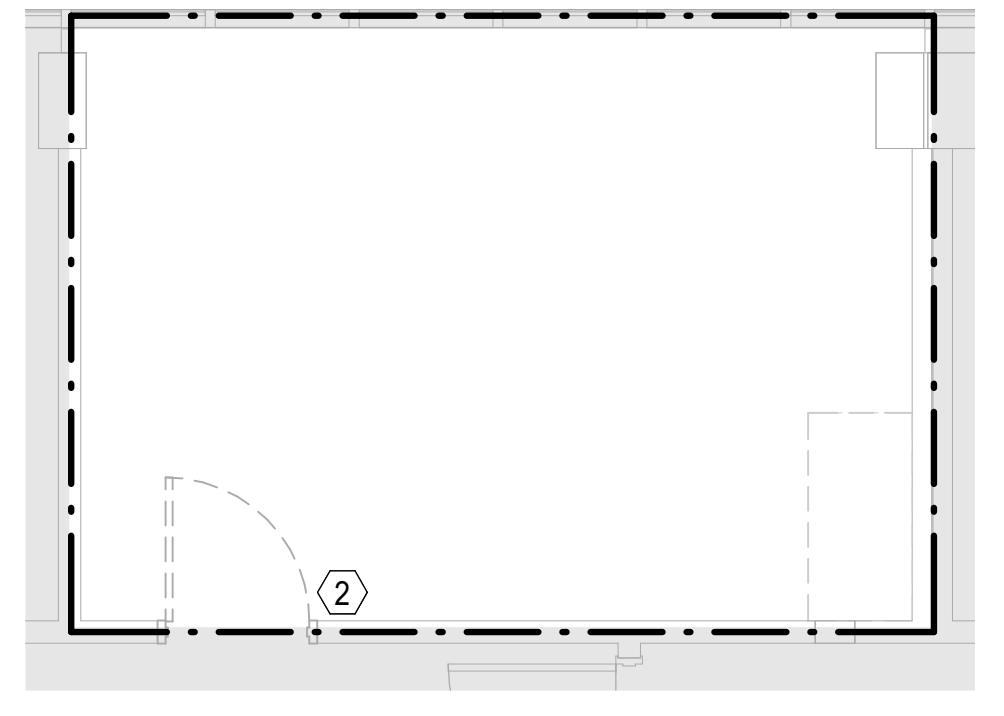
1. PRIOR TO START OR WORK, COORDINATE EXACT LIMITS OF DEMOLITION WITH ARCHITECT.
2. WHERE PORTIONS OF SYSTEMS TO REMAIN (SUCH AS CONDUIT, CABLING, PIPING, DUCTWORK, AND OTHERS) PASS THROUGH CONSTRUCTION AREAS THEY SHALL NOT BE REMOVED. ONCE SYSTEMS ABOVE CEILINGS ARE EXPOSED, COORDINATE WITH THE OWNER TO IDENTIFY SUCH SYSTEMS PRIOR TO DEMOLITION. NOTIFY THE ARCHITECT IMMEDIATELY WHEN NEW CEILING HEIGHTS CONFLICT WITH SYSTEMS THAT ARE EXISTING TO REMAIN.
3. FIELD VERIFY EXISTING CIRCUIT(S) IN EACH OFFICE SPACE TO IDENTIFY EXISTING CIRCUIT(S) FEEDING ADJACENT OFFICE NOT IN SCOPE OF THIS PROJECT. COORDINATE WITH OWNER EXISTING CIRCUITS SERVING ADJACENT OFFICES PRIOR TO BEGINNING OF DEMOLITION FOR CONTINUATION OF SERVICES DURING CONSTRUCTION.

KEYED NOTES: (#)

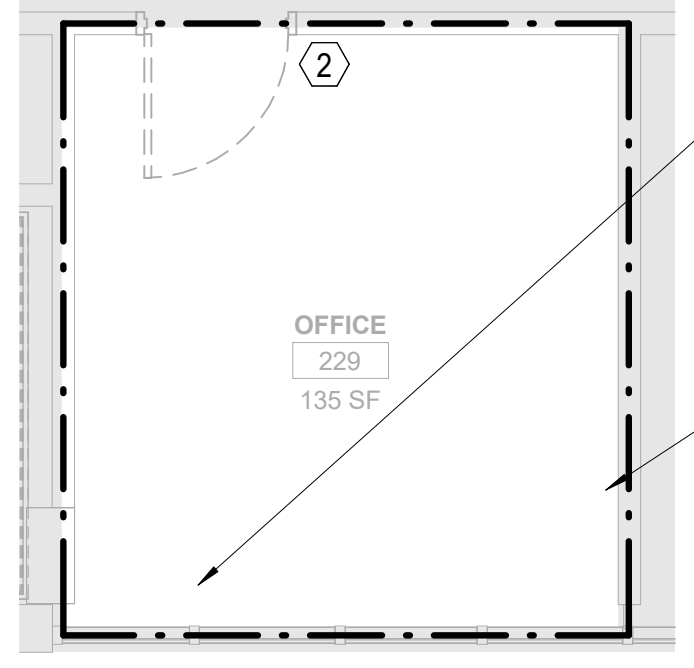
1. EXISTING WIRING DEVICES IN THIS ROOM TO REMAIN. REMOVE EXISTING LUMINAIRES AND CONTROLS.
2. EXISTING BOX FOR LIGHT SWITCH SHALL REMAIN AND BE REUSED FOR NEW WORK.
3. REMOVE ABANDONED FLOOR RECPETACLES.



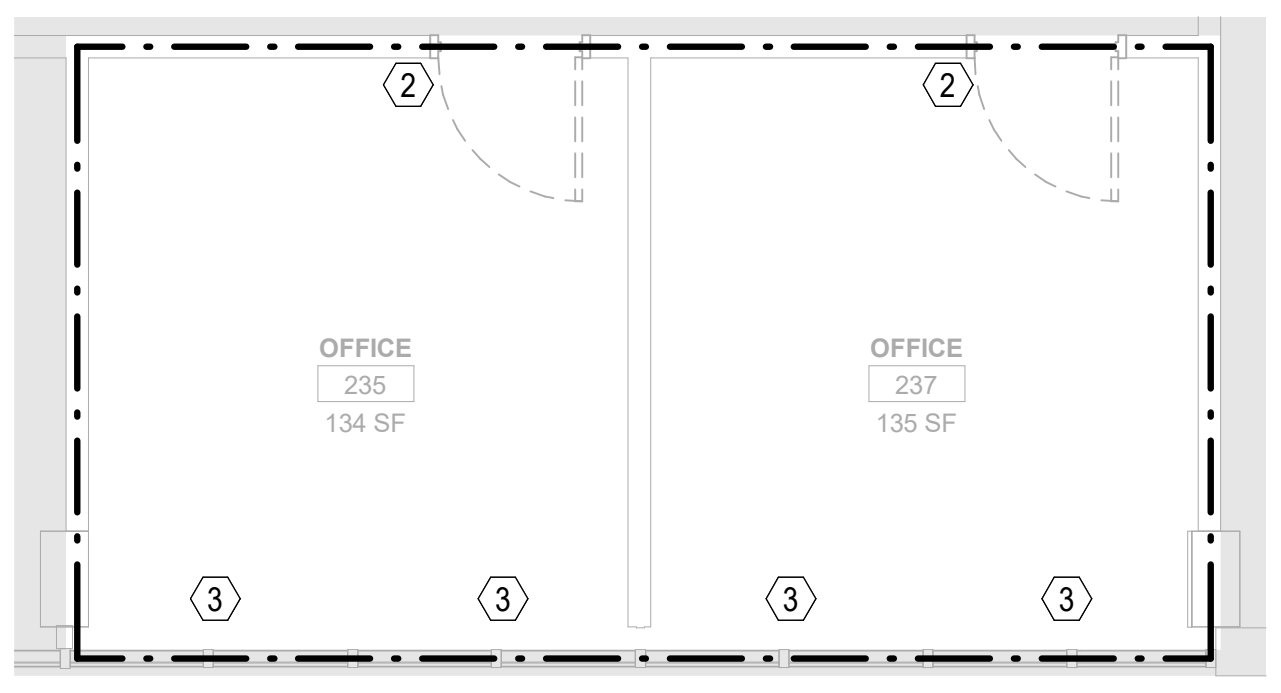
1 ELECTRICAL 2ND FLOOR OFFICE 214/216, 217, 217A, 219, 219A DEMOLITION
SCALE: 1/4" = 1'-0"



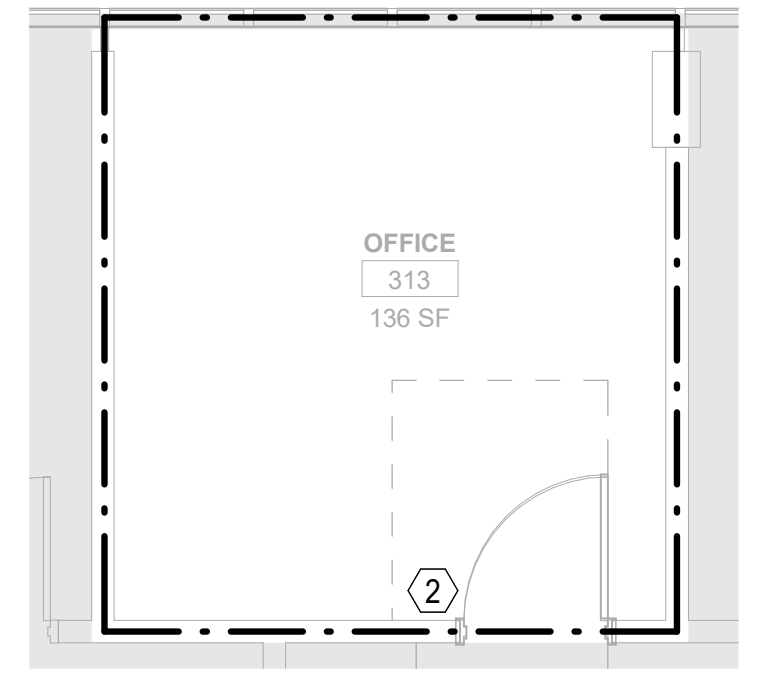
2 ELECTRICAL 2ND FLOOR OFFICE 211 DEMOLITION
SCALE: 1/4" = 1'-0"



3 ELECTRICAL 2ND FLOOR OFFICE 229 DEMOLITION
SCALE: 1/4" = 1'-0"



4 ELECTRICAL 2ND FLOOR OFFICE 235 & 237 DEMOLITION
SCALE: 1/4" = 1'-0"



5 ELECTRICAL 3RD FLOOR OFFICE 313 DEMOLITION
SCALE: 1/4" = 1'-0"



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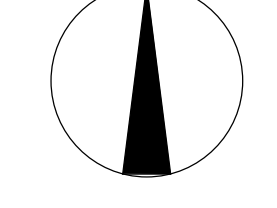


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**ELECTRICAL LEVELS
1, 2, & 3 FLOOR
PLANS**

SCALE 1/4" = 1'-0"

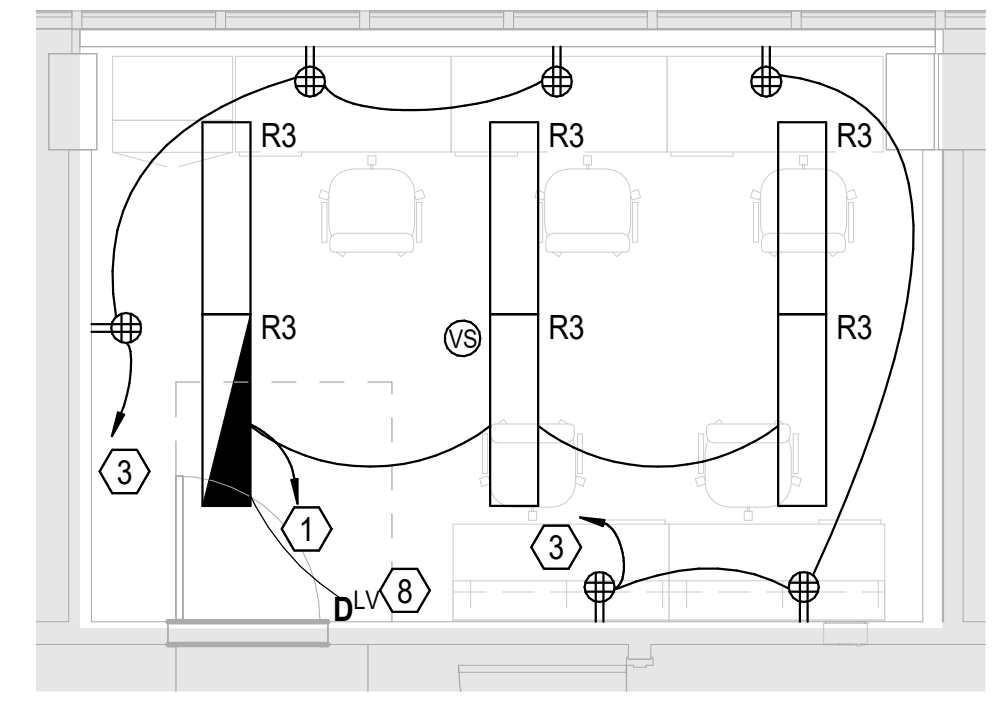
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GENERAL NOTES:

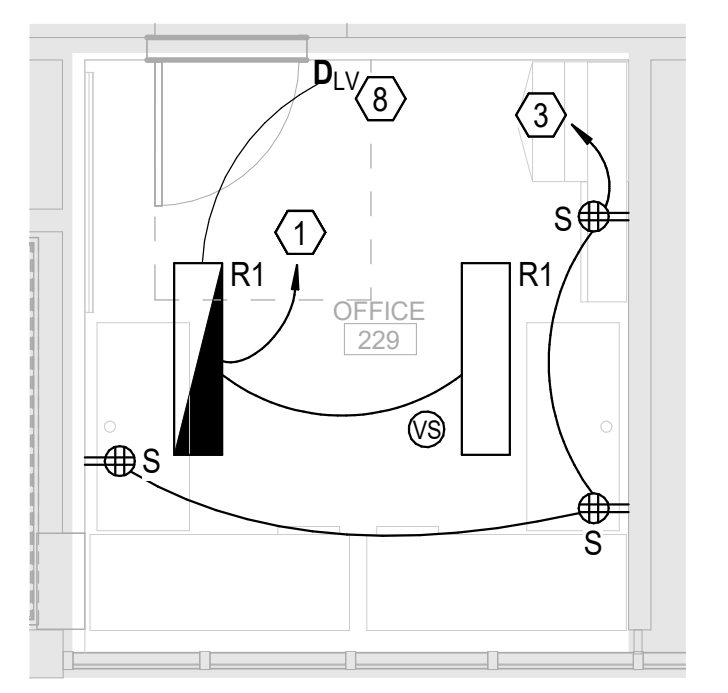
1. PRIOR TO START OF WORK, CONFIRM NUMBER OF SPARE 20A/1P CIRCUIT BREAKERS AND THOSE MADE SPARE BY DEMOLITION. CONFIRM ADEQUATE NUMBER OF CIRCUIT BREAKERS EXISTS FOR NEW WORK AS SCHEDULED.
2. PROVIDE NEW RECEPTACLES AND FACE PLATES FOR EXISTING LOCATIONS SHOWN ON THIS SHEET. PROVIDE PER SPECIFICATIONS.
3. MINIMUM BRANCH CIRCUIT WIRING IS 2#12 AND #12G. IN 0.75". PROVIDE #10 AWG CONDUCTORS FOR BRANCH CIRCUITS OVER 75' IN LENGTH.
4. HOMERUN POWER BRANCH CIRCUITS TO NEAREST EXISTING 120V PANELBOARD WITH AVAILABLE 20A/1P SPARE OR POLE SPACE. IF POLE SPACE AVAILABLE, PROVIDE NEW 20A/1P CIRCUIT BREAKER MATCHING TYPE AND RATING.
5. FOR DOUBLE DUPLEX RECEPTACLES INDICATED TO BE SWITCHED, ONE DUPLEX RECEPTACLE SHALL BE SWITCHED AND THE SECOND DUPLEX RECEPTACLE SHALL NOT BE SWITCH.
6. PROVIDE PERMANENT MARKINGS FOR RECEPTACLES TO BE SWITCHED, PER NEC.
7. FOR WIRING DEVICES LOCATED ON CMU WALLS PROVIDE DUAL-CHANNEL SURFACE METAL RACEWAY(SMR) ALONG ENTIRE LENGTH OF WALL. TOP CHANNEL SHALL BE DEDICATED FOR 120V POWER AND BOTTOM CHANNEL SHALL BE DEDICATED FOR LOW VOLTAGE WIRING. WIREMOLD DUAL CHANNEL 4000 SERIES.

KEYED NOTES: (#)

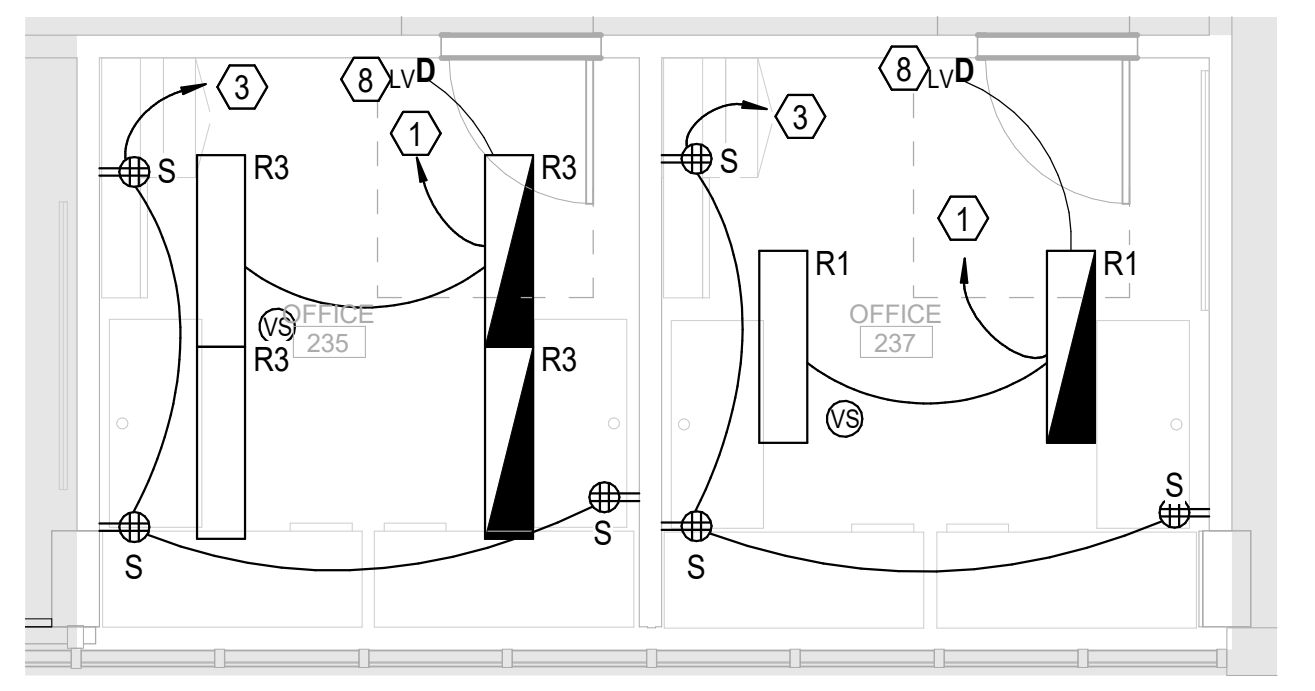
1. CONNECT NEW LUMINAIRES TO EXISTING LIGHTING CIRCUIT SERVING THIS ROOM.
2. SWITCHED RECEPTACLE SHALL BE CONTROLLED THRU OCCUPANCY SENSOR. SEE DETAIL #1 ON SHEET E.201.
3. PROVIDE NEW 120V- 20A CIRCUIT FOR NEW WIRING DEVICES. HOMERUN TO NEAREST EXISTING PANELBOARD TO AVAILABLE 20A/1P SPARE OR POLE SPACE. IF POLE SPACE AVAILABLE, PROVIDE NEW 20A/1P CIRCUIT BREAKER MATCHING TYPE AND RATING.
4. EXISTING CEILING RECEPTACLE FOR PROJECTOR SHALL BE RELOCATED HERE. COORDINATE WITH ARCHITECTURAL RCP. REUSE EXISTING CIRCUIT.
5. PROVIDE FINAL CONNECTION TO PROJECTOR SCREEN. CONNECT TO EXISTING PROJECTOR SCREEN CIRCUIT. FINAL AV LOCATIONS TO BE COORDINATED IN FIELD WITH OWNER.
6. DOUBLE DUPLEX RECEPTACLE FOR AUDIO VISUAL RACK. COORDINATE FINAL LOCATION WITH ARCHITECT AND AV DESIGNER. LOCATION SHOWN HERE FOR REFERENCE ONLY. PROVIDE NEW 120V- 20A CIRCUIT FOR NEW WIRING DEVICES. HOMERUN TO NEAREST EXISTING PANELBOARD TO AVAILABLE 20A/1P SPARE OR POLE SPACE.
7. EXISTING WIRING DEVICES IN THIS ROOM TO REMAIN.
8. PROVIDE NEW DIMMER SWITCH IN EXISTING JUNCTION BOX.



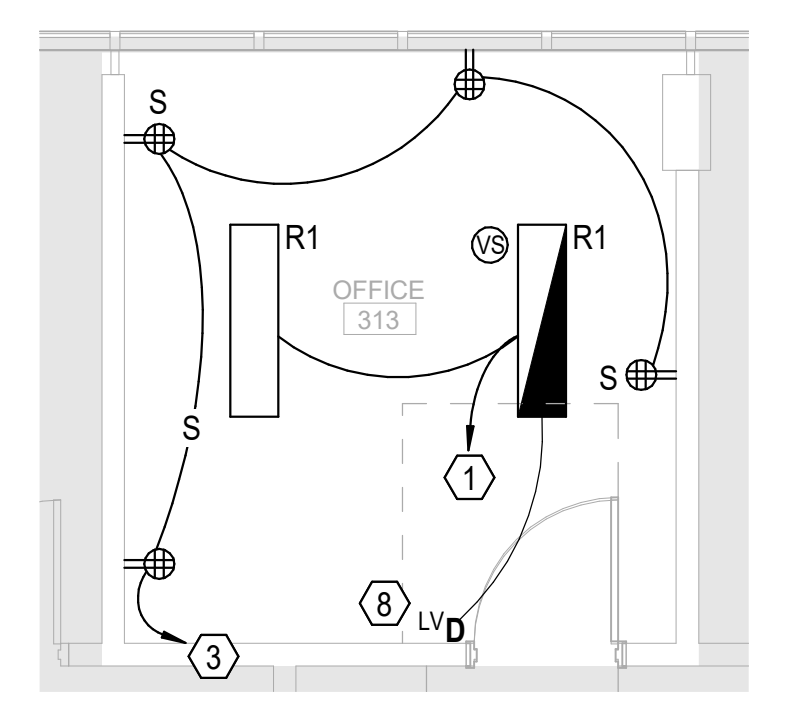
2 ELECTRICAL 2ND FLOOR OFFICE 211
SCALE: 1/4" = 1'-0"



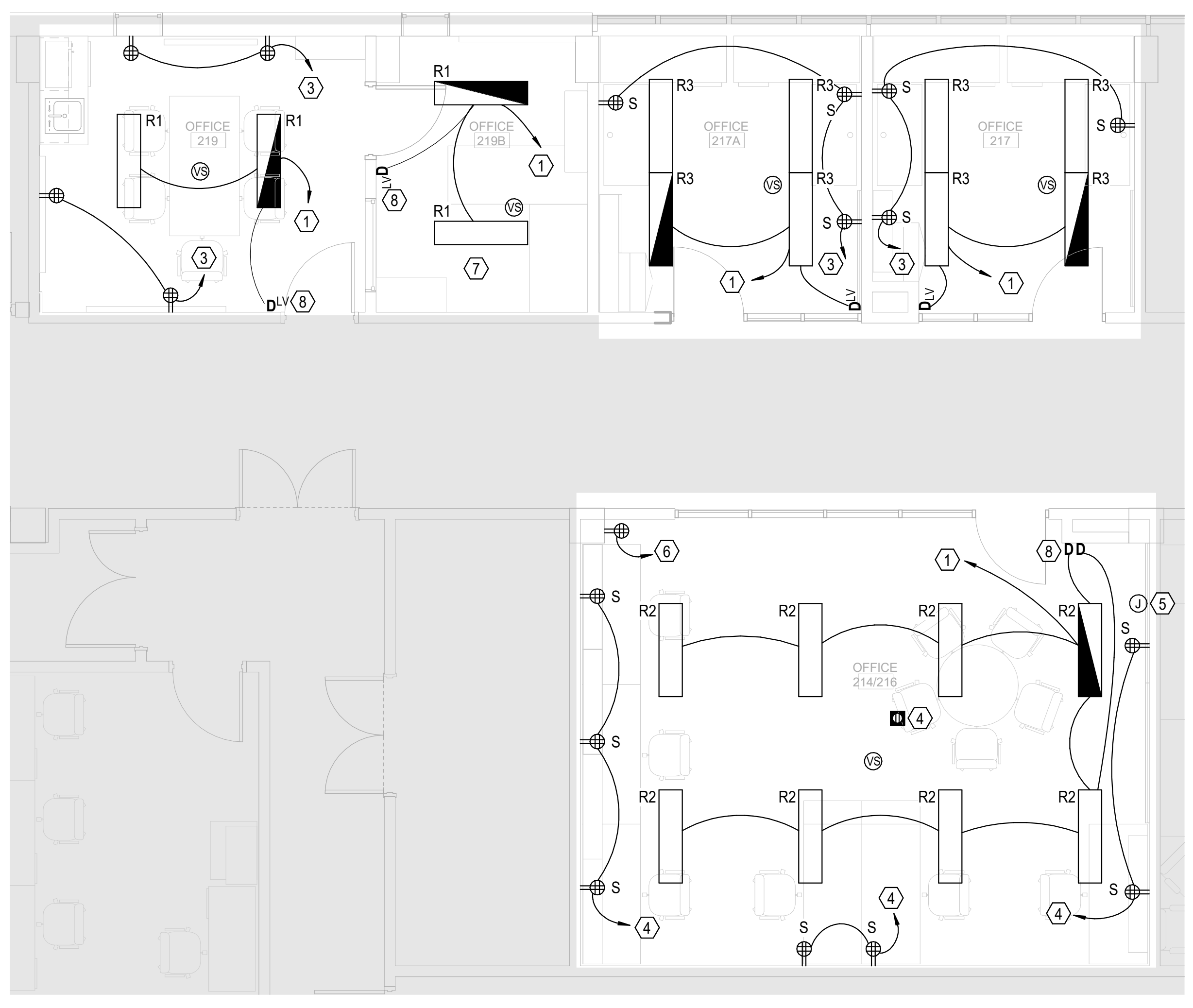
3 ELECTRICAL 2ND FLOOR OFFICE 229
SCALE: 1/4" = 1'-0"



4 ELECTRICAL 2ND FLOOR OFFICE 235 & 237
SCALE: 1/4" = 1'-0"

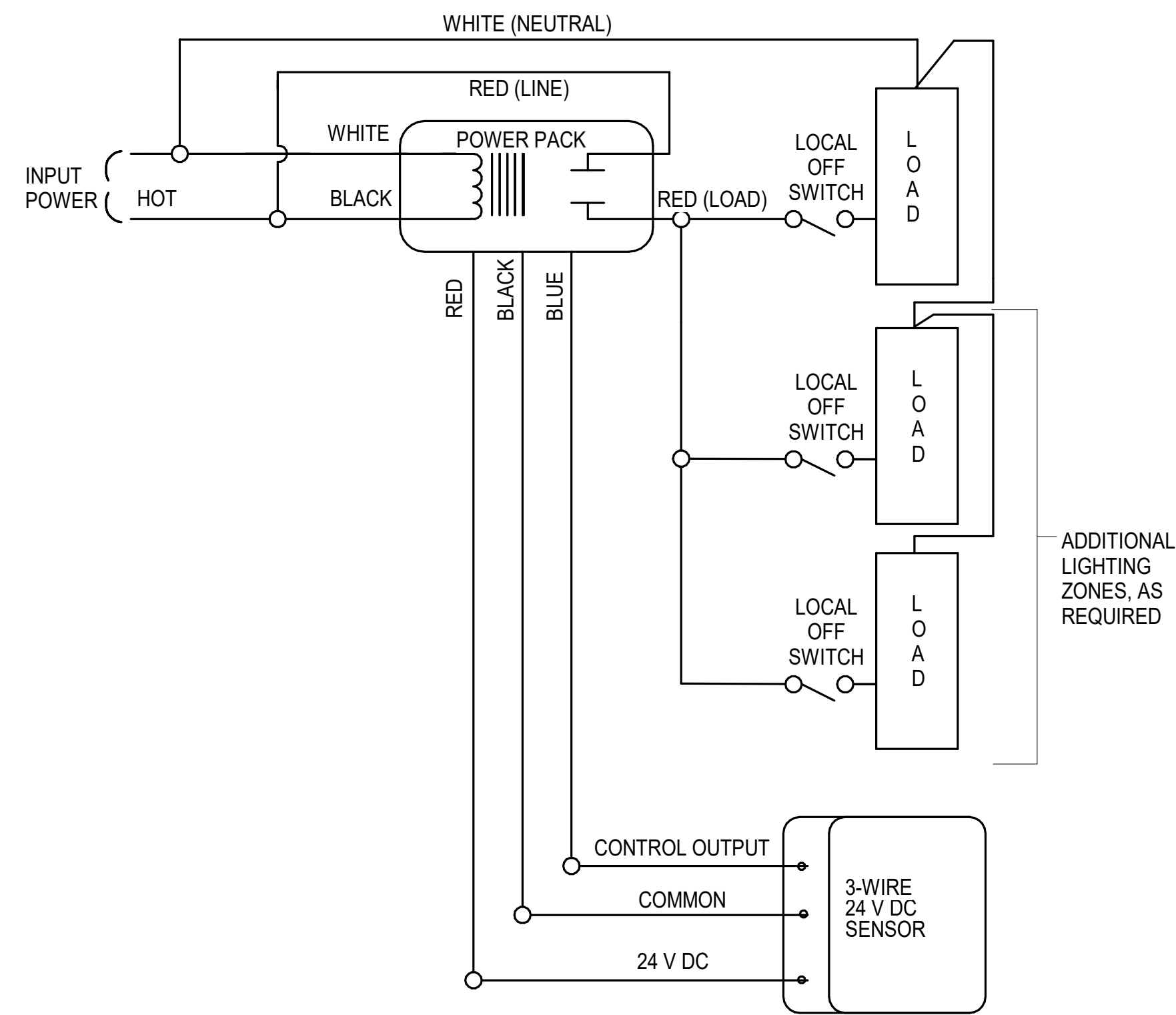


5 ELECTRICAL 3RD FLOOR OFFICE 313
SCALE: 1/4" = 1'-0"



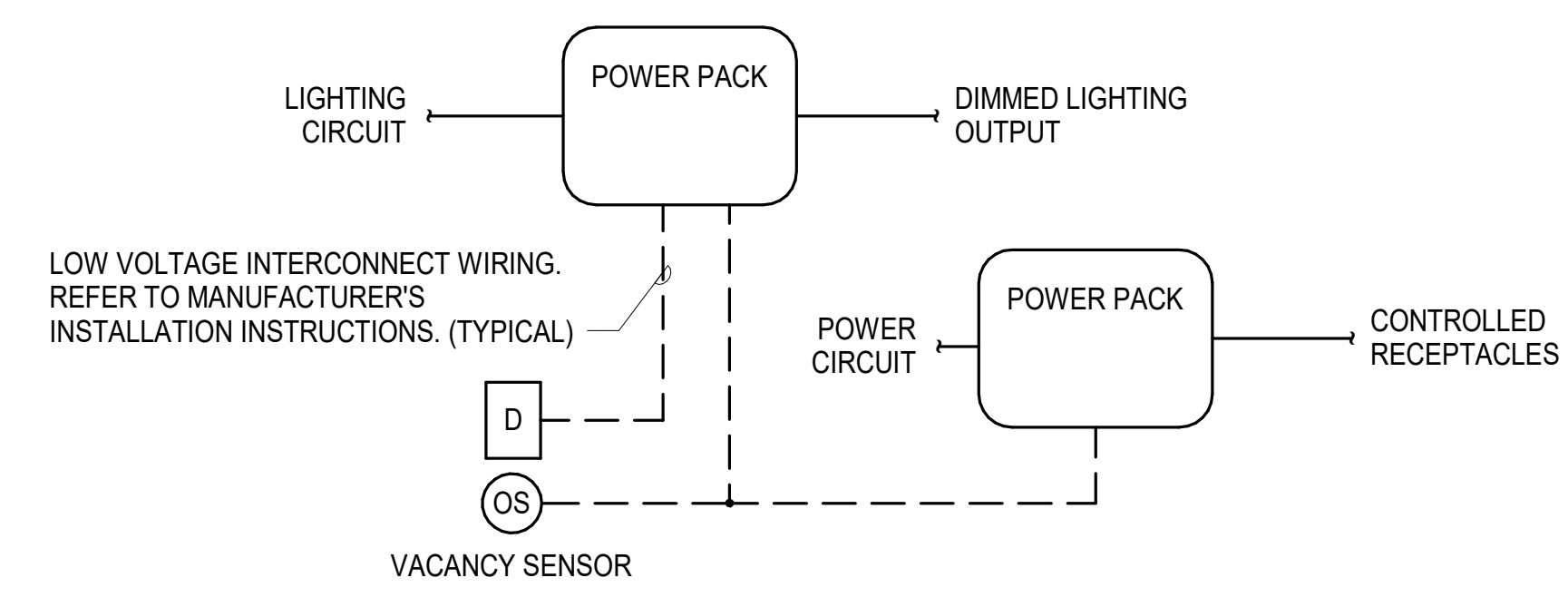
1 ELECTRICAL 2ND FLOOR OFFICE 214/216, 217, 217A, 219, 219A
SCALE: 1/4" = 1'-0"

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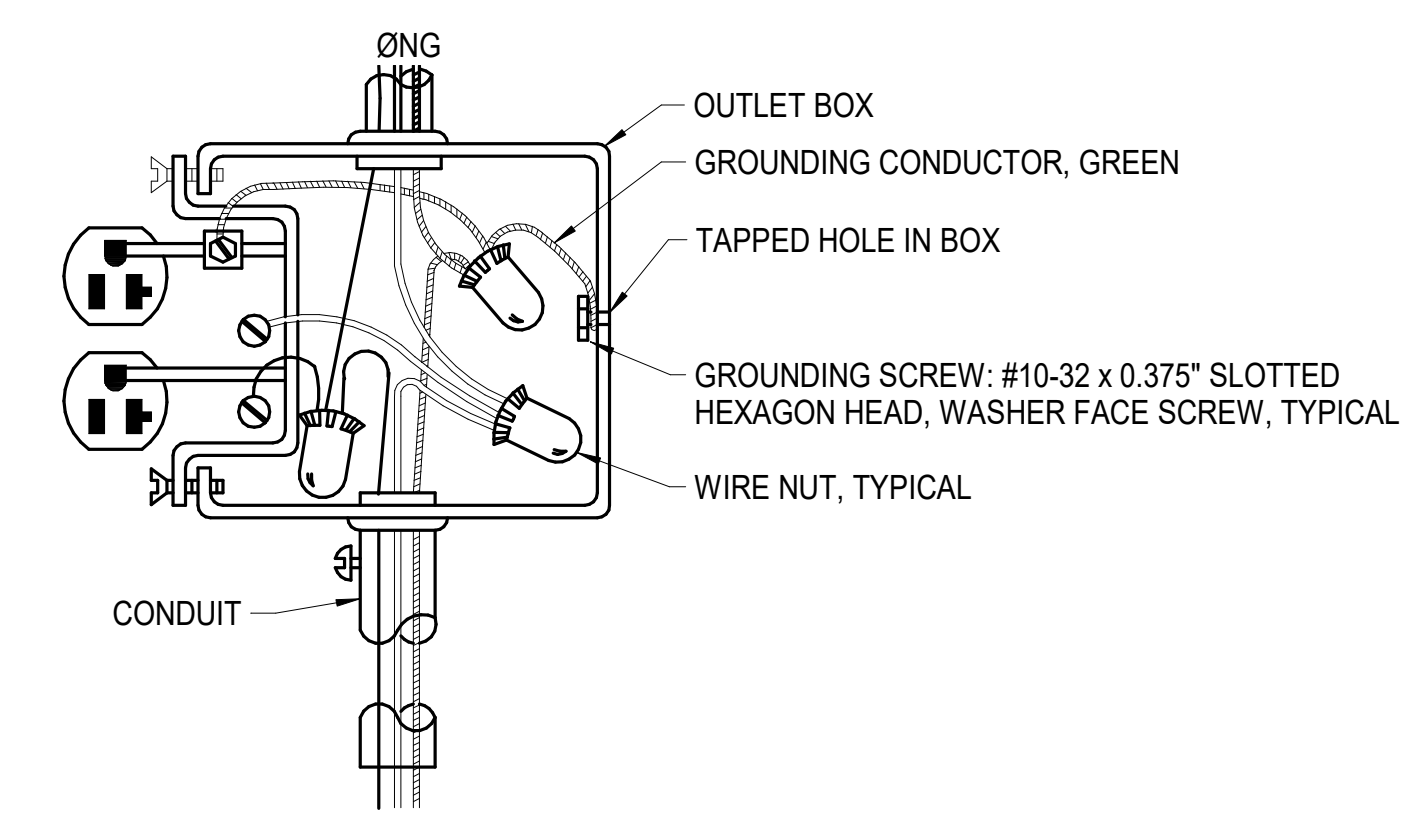
- NOTES:**
1. LIGHTING ZONES SHALL HAVE LOCAL MANUAL OVERRIDE TO OFF. SWITCHES ARE INDICATED ON THE FLOOR PLANS.
 2. POWER PACKS SHALL BE LOCATED IN ACCESSIBLE LOCATIONS.

3 3-WIRE 24 V DC SENSORS
SCALE: NO SCALE



- NOTES:**
1. REFER TO SPECIFICATIONS FOR ACCEPTABLE LIGHTING CONTROL MANUFACTURERS.
 2. POWER PACKS SHALL BE LOCATED ABOVE THE NEAREST ACCESSIBLE CEILING.
 3. REFER TO FLOORPLANS FOR QUANTITY AND LOCATIONS OF SWITCHES. PROVIDE POWER PACKS AS REQUIRED.
 4. POWER PACK AND LOW VOLTAGE DIMMERS SHALL BE COMPATIBLE.
 5. OCCUPANCY SENSOR SHALL ACT AS A "VACANCY SENSOR" (MANUAL ON, AUTOMATIC OFF) AND SHALL AUTOMATICALLY TURN LIGHTING OFF WHEN THE SPACE IS VACANT.

2 LIGHTING CONTROL LOW VOLTAGE DIMMERS WITH SWITCHED RECEPTACLES
SCALE: NO SCALE



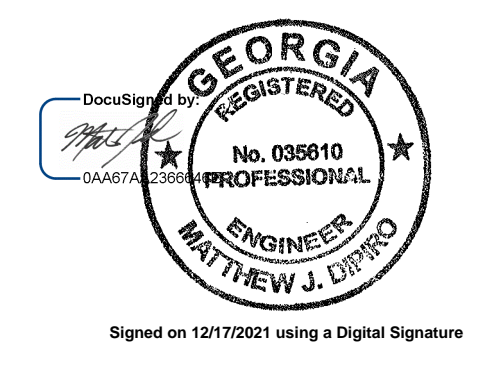
- NOTES:**
1. GROUNDING CONDUCTOR SHALL BE CONTINUOUS SO THAT REMOVAL OF DEVICE WILL NOT INTERFERE WITH CONDUCTOR CONTINUITY.

1 RECEPTACLE WIRING
SCALE: NO SCALE



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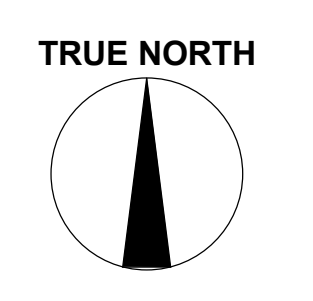


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ELECTRICAL DETAILS

SCALE NO SCALE

E.201