

CHAMBLEE PUBLIC WORKS OFFICE RENOVATION

ALPHA BLDG SET 06-24-2025



208 Pirkle Ferry Road, Suite C
Cumming, GA 30040



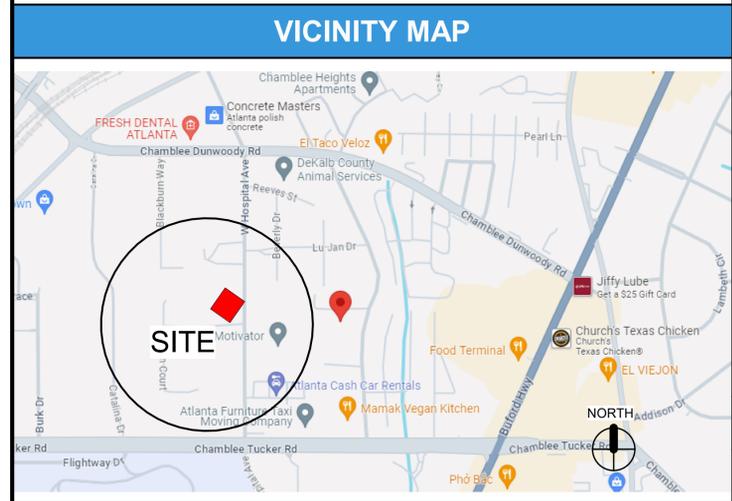
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| PROJECT DIRECTORY | | |
|---|---|---|
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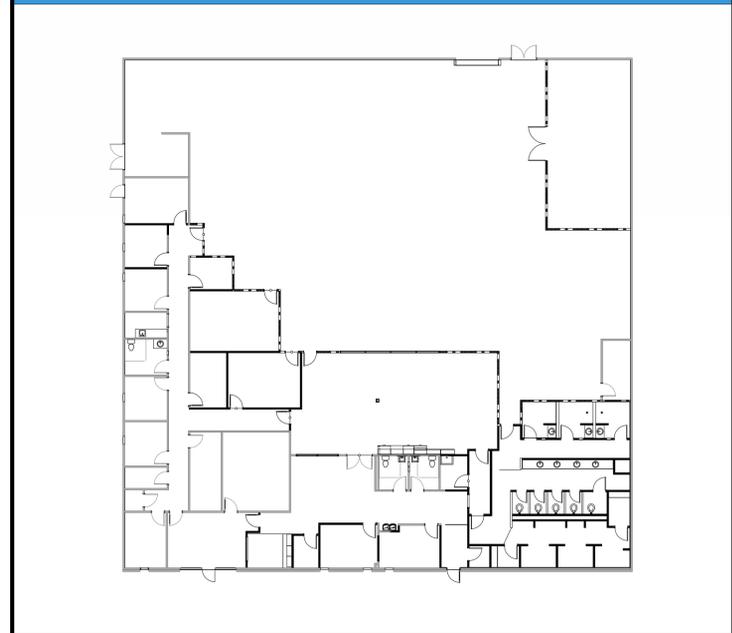
| ABBREVIATIONS | | | |
|---------------|--|----------|-------------------------|
| @ | AT | G.C. | GENERAL CONTRACTOR |
| ACT | ACOUSTICAL CEILING TILE | GYP. BD. | GYP. BOARD |
| A.F.F. | ABOVE FINISHED FLOOR | H.M. | HOLLOW METAL |
| ALUM. | ALUMINUM | HT | HEIGHT |
| B/ | BOTTOM OF | I.B.C. | INSTALLED BY CONTRACTOR |
| BD. | BOARD | JT. | JOINT |
| BLDG. | BUILDING | L.L. | LANDLORD |
| BR | BRICK | MFR. | MANUFACTURER |
| BRG | BEARING | MAT. | MATERIAL |
| CFMF | COLD FORMED METAL FRAMING | MAX. | MAXIMUM |
| C.L. | CENTER LINE | MECH. | MECHANICAL |
| CLR | CLEAR | MIN. | MINIMUM |
| C.J. | CONTROL JOINT | MTL. | METAL |
| CMU | CONCRETE MASONRY UNIT | NC. | NON-COMBUSTIBLE |
| COORD. | COORDINATE | N.I.C. | NOT IN CONTRACT |
| COL | COLUMN | N.T.E. | NOT TO EXCEED |
| CONC. | CONCRETE | N.T.S. | NOT TO SCALE |
| CONT. | CONTINUOUS | O.D. | OVERFLOW DRAIN |
| Ø | DIAMETER | OPP. | OPPOSITE |
| DWG. | DRAWING | PL | PLASTIC LAMINATE |
| D.S. | DOWN SPOUT | PL WVD. | PLYWOOD |
| EA | EACH | PR | PAIR |
| ELEV. | ELEVATION | P.T. | PRESSURE TREATED |
| ELEC. | ELECTRIC | O.C. | ON CENTER |
| E.S. | EQUIPMENT SUPPLIER | R.D. | ROOF DRAIN |
| EXP. | EXPANSION | S.B.O. | SUPPLIED BY OWNER |
| EXT. | EXTERIOR | SCHED. | SCHEDULE |
| E.W.C. | ELECTRIC WATER COOLER | SIM. | SIMILAR |
| F.D. | FLOOR DRAIN | STL. | STEEL |
| FEC | FIRE EXTINGUISHER CABINET | STRUCT. | STRUCTURAL |
| F.F. | FINISHED FLOOR | T/ | TOP OF |
| FL. | FLOOR | T&G | TONGUE AND GROOVE |
| F.O. | FACE OF | TYP. | TYPICAL |
| F.O.F. | FACE OF FINISH | U.N.O. | UNLESS NOTED OTHERWISE |
| F.O.M. | FACE OF MASONRY | VERT. | VERTICAL |
| FOIC | FURNISHED BY OWNER INSTALLED BY CONTRACTOR | VVC | VINYL WALL COVERING |
| F.R. | FIRE RETARDANT | W | WIDE |
| FRAN. | FRANCHISEE | W/ | WITH |
| FRP | FIBERGLASS REINFORCED POLYESTER | WD. | WOOD |
| | | W.W.F. | WELDED WIRE FABRIC |

| SYMBOLS | | | |
|---------|---|--|------------------|
| | ELEVATION MARK | | BATT INSULATION |
| | SECTION MARK 'SIM' - SIMILAR 'OH' - OPPOSITE HAND | | EARTH |
| | ENLARGED PLAN / DETAIL MARK | | GRANULAR |
| | DOOR REFERENCE NUMBER | | CONCRETE |
| | ROOM NAME & NUMBER | | BRICK |
| | COLUMN AND GRID NUMBER | | STEEL, IRON |
| | WINDOW REFERENCE NUMBER | | WOOD |
| | SOLID GROUT | | MORTAR NET |
| | WOOD DIMENSIONAL | | RIGID INSULATION |
| | SHEATHING | | |
| | PLASTER, GYPSUM WALLBOARD | | |

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| E-2-01 | PANEL SCHEDULES AND RISER DIAGRAM |



KEY PLAN



GENERAL NOTES

- THESE DRAWINGS ARE THE PROPERTY OF JERICHO DESIGN GROUP, LLC AND SHALL NOT BE REPRODUCED OR COPIED (PHYSICALLY AND/OR DIGITALLY) IN PART OR WHOLE. THEY ARE TO BE USED FOR THIS PROJECT ONLY AND ARE NOT TO BE USED ON ANY OTHER PROJECT.
- DRAWINGS AND SPECIFICATIONS ARE INTENDED TO AGREE AND BE MUTUALLY EXPLANATORY. THEY SHALL BE ACCEPTED/USED AS A WHOLE; NOT SEPARATELY. SHOULD ANY ITEMS BE OMITTED FROM THE DRAWINGS AND BE HEREIN SPECIFIED, OR VICE VERSA, IT SHALL BE EXECUTED THE SAME AS IF SHOWN AND COMBINED IN BOTH. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUPPLY ENTIRE SET TO EACH SUBCONTRACTOR.
- THE CONTRACTOR IS TO NOTIFY ARCHITECT OF ANY DISCREPANCIES AFTER FULL REVIEW OF CONTRACT DOCUMENTS TO INCLUDE BUT NOT LIMITED TO ERRORS, OMISSIONS, INCONSISTENCIES, DISCREPANCIES, AND CONFLICTS WITH THE DRAWINGS/SPECIFICATIONS OR AS RELATED TO FIELD CONDITIONS. CONTRACTOR TO CONTACT ARCHITECT IMMEDIATELY TO DISCUSS A RESOLUTION.
- DO NOT SCALE THE DRAWINGS UNDER ANY CONDITION.
- WORK PERFORMED SHALL BE IN ACCORDANCE TO ALL FEDERAL, STATE AND LOCAL BUILDING CODE REQUIREMENTS PER INDUSTRY STANDARDS. ALL REQUIRED PERMITS AND FEES ASSOCIATED ARE TO BE THE RESPONSIBILITY OF THE CONTRACTOR NECESSARY FOR START AND COMPLETION OF THE PROJECT. COPIES OF INSPECTIONS AND PERMITS SHALL BE FURNISHED TO OWNER AT REQUEST AND/OR AT PROJECT CLOSEOUT.
- CONTRACTOR TO TAKE PRECAUTIONS IN PROTECTING THE WORK DURING CONSTRUCTION. ANY DAMAGE TO BE RESTORED TO ORIGINAL CONSTRUCTION BY THE CONTRACTOR. PATCH AND REPAIR ALL ITEMS DAMAGED OR ALTERED DURING CONSTRUCTION BY THE CONTRACTOR. ALL PATCHES SHALL BLEND WITH ADJACENT MATERIAL, COLOR, FINISH, AND TEXTURE. ALL EXISTING WORK FURNISHINGS, EQUIPMENT OR MATERIAL TO REMAIN THAT ARE DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- REQUESTS FOR SUBSTITUTIONS MUST BE SUBMITTED IN WRITING TO THE ARCHITECT FOR CONSIDERATION ONLY IF IMPACT TO SCHEDULE, COST CHANGE OR QUALITY OF PRODUCT. ACCEPTANCE BY ARCHITECT DOES NOT IDENTIFY PRODUCT TO BE OF BETTER QUALITY THAN SPECIFIED PRODUCT.
- SEAL ALL EXTERIOR PENETRATIONS AND VOIDS ON EXTERIOR BUILDING ENVELOPE.
- FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND CONTRACT DOCUMENTS PRIOR TO ANY CONSTRUCTION ACTIVITY IN AREA OF CONCERN.
- THE LOCATION OF THE EXISTING UTILITIES & STRUCTURES SHOWN HEREIN ARE APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE & ACTUAL LOCATIONS OF ALL, SHOWN OR NOT SHOWN. ANY DAMAGES RESULTING BY CONTRACTORS' ACTIVITIES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE BRACING & SHORING FOR ALL WORK DURING THE CONSTRUCTION PERIOD.
- PROVIDE SEPARATION BETWEEN ALL DISSIMILAR METALS INCLUDING SCREWS, NAILS & OTHER FASTENING DEVICES TO AVOID GALVANIC CORROSION.
- PROVIDE EXPANSION AND CONTROL JOINTS IN ALL WORK AS PER PRODUCT MANUFACTURER'S STANDARDS, OR SPECIFICATIONS, UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS ARE WITNESSED TO THE OUTSIDE FACE OF MASONRY, FACE OF STUD, CENTER OF COLUMN, TOP OF STRUCTURAL CONCRETE SLAB OR ROUGH WINDOW OPENING UNLESS NOTED OTHERWISE.
- NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIALS. SHEETS ARE TO BE REVIEWED AND NOTES ON INDIVIDUAL SHEETS SHALL BE APPLIED TO RELATED DRAWINGS AND DETAILS.
- INTERIOR PARTITION MOVEMENT CONTROL - VERTICAL CONTROL JOINTS FOR ANY WALL LENGTH ARE TO OCCUR AT NOT MORE THAN 30'-0" O.C. IN THE HORIZONTAL DIRECTION, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL PARTS OF THE WORK SO THAT NO WORK SHALL BE LEFT IN AN UNFINISHED OR INCOMPLETE CONDITION.
- THE PROJECT AND ALL INTERIOR SPACES SHALL BE COMPLETELY OPERATIONAL UPON TURN-OVER OF SPACE. THERE ARE TO INCLUDE SYSTEMS NOT LIMITED TO ARCHITECTURAL, INTERIORS, STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION SYSTEMS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE LOCATIONS AND/OR ELEVATIONS OF FLOOR DRAINS, REGISTERS, GRILLES, LOUVERS, DUCTS, UNIT HEATERS, PANELS, ETC. WITH STRUCTURAL MECHANICAL AND ELECTRICAL CONTRACTORS.
- BOLTING OF WOOD TO STRUCTURAL MEMBERS SHALL BE WITH A MINIMUM OF 1/2" BOLTS X 4'-0" O.C. UNLESS NOTED OTHERWISE ON CONSTRUCTION DOCUMENTS AND/OR SPECIFICATIONS.
- ALL EXTERIOR LUMBER EXPOSED TO MOISTURE SHALL BE PRESSURE PRESERVATIVE TREATED.
- CONTRACTOR SHALL COMPLY WITH STATE BUILDING CODES IN FIRESTOPPING ALL FLOOR PENETRATIONS.
- METAL STUDS AND HANGER WIRE ARE NOT TO BE ATTACHED DIRECTLY TO FLOOR/CEILING MTL DECKING. ATTACH TO STRUCTURAL STEEL, BAR JOIST, MISCELLANEOUS STEEL OR CONCRETE STRUCTURE ONLY. IF THE TOP TRACK OF THE METAL STUDS AND HANGER WIRE MUST BE CONNECTED TO METAL DECK, SEE STRUCTURAL NOTES FOR ATTACHMENT CRITERIA.
- GENERAL: ALL WOOD FRAMING/BLOCKING IN TYPE II CONSTRUCTION SHALL BE FIRE RETARDANT TREATED WOOD IN ACCORDANCE WITH 2018 IBC SECTION 603.
- IF EVIDENCE SUGGESTS THE PRESENCE OF MOLD ON, BEHIND OR WITHIN SURFACES OR MATERIALS (I.E., INCLUDING, BUT NOT LIMITED TO EXISTING GYPSUM BOARD, EXISTING FLOOR FINISHES AND/OR EXISTING CEILING TILE), IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY AREA, REMOVE PORTION OF MATERIAL WITH MOLD AND PATCH/REPAIR TO LIKE NEW CONDITION.
- ANY ALTERATION OR ANY INSTALLATION OF EQUIPMENT SHALL MEET AS NEARLY AS PRACTICABLE THE REQUIREMENTS FOR NEW CONSTRUCTION IN ACCORDANCE WITH NFPA 101: 4.6.7, 2018 EDITION.
- ALL DEMOLITION WORK SHALL COMPLY WITH THE REQUIREMENT OF NFPA 241, STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS, 2018 EDITION.
- ALL ALTERATIONS OR MODIFICATIONS TO EXISTING BRANCH LINES OF THE EXISTING SPRINKLER SYSTEM SHALL BE SUBMITTED ALONG WITH HYDRAULIC CALCULATIONS TO THE STATE FIRE MARSHALL FOR APPROVAL IS WORK IS OUTSIDE THE SCOPE OF SECTIONS 4.4.1 THROUGH 4.4.4 OF THE RULES AND REGULATIONS OF THE SAFETY FIRE COMMISSIONER, CHAPTER 120-3-3, WHICH ADDS SECTION 4.4 TO NFPA 13.

SCOPE OF WORK

INTERIOR RENOVATION OF AN EXISTING ONE STORY 2ND GENERATION BUILDING. SCOPE OF WORK INCLUDES NEW CONSTRUCTION, NEW FINISHES, MODIFICATION TO THE EXISTING ELECTRICAL, MECHANICAL AND PLUMBING SYSTEM

HOURS OF CONSTRUCTION

MONDAY - FRIDAY, 7AM - 7PM AND SATURDAY, 9AM - 5PM
THERE IS NO WORK ALLOWED ON SUNDAY AND HOLIDAYS.

**CHAMBLEE PUBLIC WORKS
OFFICE RENOVATION**

 CITY OF CHAMBLEE

 3220 CUMBERLAND DRIVE
CHAMBLEE, GEORGIA 30341

PRINT RECORD

| No. | DATE | DESCRIPTION |
|-----|------------|----------------------|
| 1 | 12-20-2024 | ISSUED FOR PERMIT |
| 1 | 01-31-25 | PLAN REVIEW COMMENTS |
| A | 02-04-2025 | ISSUED FOR BID |
| B | 02/21/2025 | ADDENDA A |

| Drawn By | Checked By |
|----------|------------|
| AM | JDG |

| Date | Job No. |
|------------|---------|
| 02/21/2025 | 24010 |

Sheet Title
COVER SHEET

Sheet No.
CS-1.01
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| KEY NOTES -LIFE SAFETY | |
|------------------------|--|
| KEY NOTE # | DESCRIPTION |
| LS-1 | ALL FIRE AND / OR SMOKE BARRIERS OR WALLS TO BE PERMANENTLY IDENTIFIED WITH A SIGN OR STENCILING ABOVE A DECORATIVE CEILING AND /OR CONCEALED SPACE. PROVIDE LETTERS A MINIMUM OF 2 INCHES HIGH ON A CONTRASTING BACKGROUND. MARKING SHALL BE A MAXIMUM OF 12 FEET ON CENTER WITH NO LESS THAN ONE PER WALL OR BARRIER. WORDING "1 HOUR FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS" |

| L.S.C. 7.3.1.2. OCCUPANCY SCHEDULE | | | | |
|------------------------------------|------------|---------|----------------------|-----------------|
| ROOM # | ROOM NAME | AREA | OCCUPANT LOAD FACTOR | TOTAL OCCUPANTS |
| 100 | RECEPTION | 252 SF | 15 NET | 17 |
| 101 | OFFICE | 126 SF | 150 GROSS | 1 |
| 102 | I.T | 21 SF | 150 GROSS | 0 |
| 103 | STORAGE | 48 SF | 150 GROSS | 0 |
| 105 | OFFICE | 103 SF | 150 GROSS | 1 |
| 106 | OFFICE | 102 SF | 150 GROSS | 1 |
| 107 | TOILET | 82 SF | 150 GROSS | 0 |
| 108 | BREAK | 59 SF | 150 GROSS | 1 |
| 109 | OFFICE | 98 SF | 150 GROSS | 1 |
| 110 | OFFICE | 99 SF | 150 GROSS | 1 |
| 111 | OFFICE | 159 SF | 150 GROSS | 1 |
| 112 | HUDDLE | 75 SF | 15 NET | 5 |
| 113 | OFFICE | 110 SF | 150 GROSS | 1 |
| 114 | CONFERENCE | 219 SF | 15 NET | 15 |
| 115 | BREAKROOM | 1119 SF | 150 GROSS | 22 |
| 116 | WAREHOUSE | 6593 SF | 300 GROSS | 22 |
| 117 | STORAGE | 135 SF | 150 GROSS | 0 |
| 118 | CONFERENCE | 290 SF | 150 GROSS | 19 |
| 119 | OPEN PLAN | 600 SF | 150 GROSS | 4 |
| 120 | OFFICE | 136 SF | 150 GROSS | 1 |
| 121 | OFFICE | 134 SF | 150 GROSS | 1 |
| 122 | TOILET | 53 SF | 150 GROSS | 0 |

| L.S.C. 7.3.1.2. OCCUPANCY SCHEDULE | | | | |
|------------------------------------|------------------------|------------|----------------------|-----------------|
| ROOM # | ROOM NAME | AREA | OCCUPANT LOAD FACTOR | TOTAL OCCUPANTS |
| 123 | TOILET | 54 SF | 150 GROSS | 0 |
| 124 | JANITOR | 50 SF | 150 GROSS | 0 |
| 125 | STORAGE | Not Placed | 150 GROSS | 0 |
| 125 | STORAGE | 24 SF | | |
| 126 | SHOWER#1 | 68 SF | 150 GROSS | 0 |
| 127 | SHOWER#2 | 68 SF | 150 GROSS | 0 |
| 128 | SHOWER#3 | 67 SF | 150 GROSS | 0 |
| 129 | RESTROOM | Not Placed | 150 GROSS | 0 |
| 129 | RESTROOM | 460 SF | | |
| 130 | LOCKER ROOM | 275 SF | 150 GROSS | 0 |
| 131 | ADA CHANGING | 40 SF | 150 GROSS | 0 |
| 132 | CHANGING | Not Placed | 150 GROSS | 0 |
| 132 | CHANGING | 33 SF | | |
| 133 | ELECT. RM | 91 SF | 300 GROSS | 0 |
| 134 | CUBICLES | 296 SF | 150 GROSS | 2 |
| 135 | COPY ROOM | 83 SF | 150 GROSS | 1 |
| 136 | STORAGE | 45 SF | 150 GROSS | 0 |
| 137 | LAWN EQUIPMENT STORAGE | 776 SF | 300 GROSS | 0 |
| TOTAL: | | | | 117 |

| BUILDING DATA | |
|---|--|
| OCCUPANCY CLASSIFICATION: BUSINESS (LSC 6.1 & CHPT 39) GROUP B (IBC CHPT 302) | OCCUPANCY SEPARATIONS (NFPA TABLE 6.1.14.4.1): STORAGE, LOW AND ORDINARY HAZARD TO BUSINESSES = 1HR. |
| TYPE OF CONSTRUCTION (IBC 602): RENOVATION OF EXISTING TYPE V-B, UNPROTECTED, UNSPRINKLERED | |
| BUILDING AREAS (IBC): GROSS AREA = 7,657 GSF | |
| BUILDING OCCUPANCY (LSC): BUSINESS AREA = 95 PERSONS STORAGE AREA = 22 PERSONS | |
| INTERIOR WALL AND CEILING FINISH REQUIREMENTS (IBC TABLE 803.9): EXIT ENCLOSURES AND EXIT PASSAGEWAYS B CORRIDORS C ROOMS AND ENCLOSED SPACES C | |
| OCCUPANCY SEPARATIONS (IBC TABLE 508.4): B TO B = 0 HRS | |

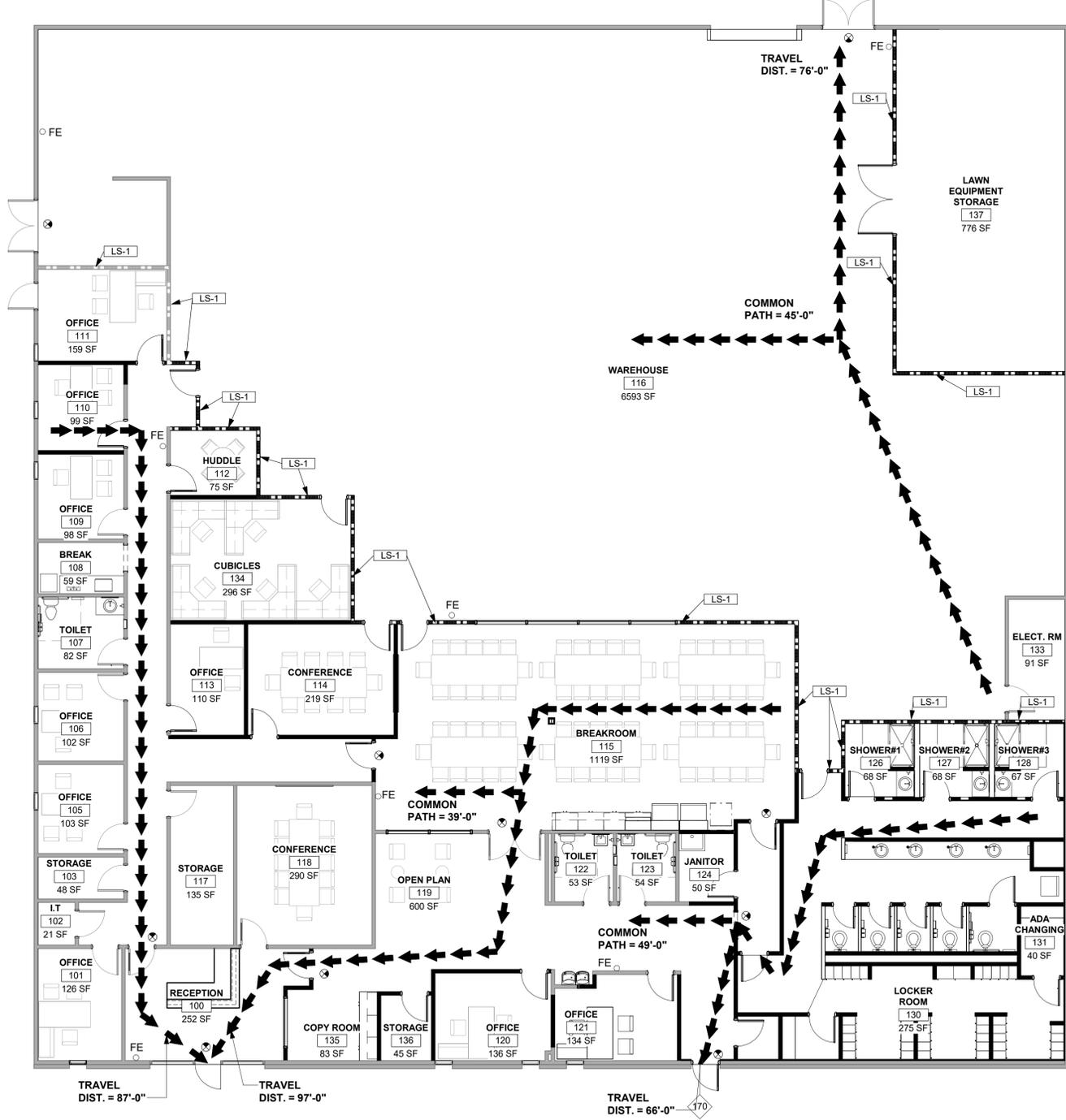
| APPLICABLE CODES | |
|---|--|
| 2018 INTERNATIONAL BUILDING CODE WITH GEORGIA AMENDMENTS (2020)(2022)(2024) | 2015 INTERNATIONAL ENERGY CONSERVATION CODE WITH GEORGIA SUPPLEMENTS AND AMENDMENTS (2020)(2022) |
| 2018 INTERNATIONAL FIRE CODE WITH GEORGIA AMENDMENTS (2020) | 2018 NFPA 101, LIFE SAFETY CODE WITH GEORGIA CURRENT AMENDMENTS |
| 2018 INTERNATIONAL PLUMBING CODE WITH GEORGIA AMENDMENTS (2020)(2022)(2023)(2024) | 2019 NFPA 72, NATIONAL FIRE ALARM & SIGNALING CODE WITH GEORGIA CURRENT AMENDMENTS |
| 2018 INTERNATIONAL MECHANICAL CODE WITH GEORGIA AMENDMENTS (2020)(2024) | 2019 NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS WITH GEORGIA CURRENT AMENDMENTS |
| 2018 INTERNATIONAL FUEL GAS CODE WITH GEORGIA AMENDMENTS (2020)(2022) | 2010 ADA STANDARDS, PER RULES AND REGULATIONS OF THE SAFETY FIRE COMMISSIONER 120-3-20A |
| 2020 NATIONAL ELECTRICAL CODE WITH GEORGIA AMENDMENTS (2021) | |

| LIFE SAFETY PLAN LEGEND | |
|--|---|
| SEPARATION PER IBC CHAPTER 6 | OCCUPANCY LOAD FACTOR LSC 7.3.1.2 W/GEORGIA AMENDMENTS |
| <ul style="list-style-type: none"> EXISTING PARTITION NON-RATED PARTITION 1 HR-RATED PARTITION | AREA SF / OCCUPANT LOAD FACTOR = OCCUPANCY COUNT (REFER TO PLANS FOR ROOM OCCUPANCY CALCULATIONS) ACCESSORY STORAGE AREAS, MECHANICAL, ELECTRICAL ROOMS = 300 GSF/PERSON ASSEMBLY (UNCONCENTRATED) = 15 NSF/PERSON BUSINESS AREAS = 150 NSF/PERSON |
| EXTINGUISHER LOCATION PER NFPA 10 | ALLOWABLE DISTANCE PER LSC 12.2.6 |
| <ul style="list-style-type: none"> BRACKET MOUNTED FIRE EXTINGUISHER | TRAVEL DISTANCE LIMIT - MAX. 200 FT. UNSPRINKLERED COMMON PATH LIMIT - MAX. 75 FT. UNSPRINKLERED DEAD END LIMIT - MAX. 20 FT. UNSPRINKLERED PATH OF EGRESS WITHIN BUILDING TRAVEL DISTANCE & COMMON PATH (SEE NOTES ON PLANS) |
| CAPACITY PER LSC TABLE 7.3.3.1 | NUMBER OF EXITS PER IBC 1006 & LSC 7.4.1.2 |
| STAIRS = 0.3/PERSON DOORS = 0.2/PERSON 32"W DOOR = 30" CLR. = 150 CAPACITY 36"W DOOR = 34" CLR. = 170 CAPACITY 42"W DOOR = 40" CLR. = 200 CAPACITY 48"W DOOR = 46" CLR. = 230 CAPACITY 68"W DOOR = 64" CLR. = 320 CAPACITY 72"W DOOR = 68" CLR. = 340 CAPACITY 96"W DOOR = 92" CLR. = 460 CAPACITY | (00) ACTUAL EGRESS COUNT (00) EGRESS CAPACITY OF STAIR (00) EGRESS CAPACITY OF EXIT |
| DOORS PER IBC 1010.1 | |
| EXIT SIGNS PER IBC 1013 | |
| EXIT SIGNAGE (SHADING INDICATES FACE OF SIGN; ARROW SHOWN INDICATES DIRECTION) | |

| PLUMBING FIXTURE REQUIREMENTS (IBC 2902.01) | | | | |
|---|---|---|--------------------|--------------|
| OCCUPANCY | WATER CLOSETS | LAVATORIES | DRINKING FOUNTAINS | SERVICE SINK |
| BUSINESS | 1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50 | 1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80 | 1 PER 100 | 1 |
| STORAGE | 1 PER 100 (MALE) 1 PER 100 (FEMALE) | 1 PER 100 | 1 PER 1,000 | 1 |

| PLUMBING FIXTURE COUNT: (TOTAL OCCUPANCY 73) | | | | | | | | | | |
|--|---------------|----------|--------|------------|----------|--------|--------------------|----------|--------------|----------|
| OCCUPANCY | WATER CLOSETS | | | LAVATORIES | | | DRINKING FOUNTAINS | | SERVICE SINK | |
| | REQUIRED | PROVIDED | UNISEX | REQUIRED | PROVIDED | UNISEX | REQUIRED | PROVIDED | REQUIRED | PROVIDED |
| BUSINESS 95 PERSONS | 1 | 1 | 7 | 1 | 1 | 6 | 1 | 1 | 1 | 1 |
| STORAGE 22 PERSONS | 1 | 1 | 7 | 1 | 1 | 6 | 1 | 1 | 1 | 1 |

ALPHA BLDG SET 06-24-2025



1 LIFE SAFETY PLAN
SCALE: 1/8" = 1'-0"



208 Pirkle Ferry Road, Suite C
Cumming, GA 30040



CHAMBLEE PUBLIC WORKS
OFFICE RENOVATION
 CITY OF CHAMBLEE
 3220 CUMBERLAND DRIVE
 CHAMBLEE, GEORGIA 30341

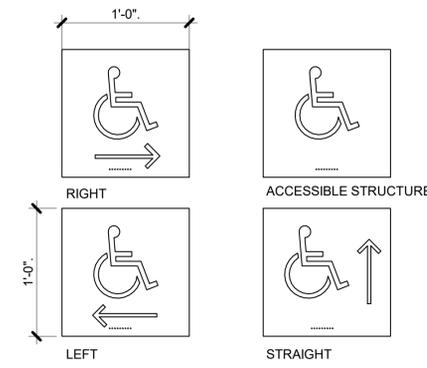
| PRINT RECORD | | |
|--------------|------------|----------------------|
| No. | DATE | DESCRIPTION |
| 1 | 01-31-25 | PLAN REVIEW COMMENTS |
| A | 02-04-2025 | ISSUED FOR BID |
| B | 02/21/2025 | ADDENDUM A |

Drawn By: AM
Checked By: JDG
Date: 02/21/2025
Job No.: 24010

Sheet Title: **LIFE SAFETY**

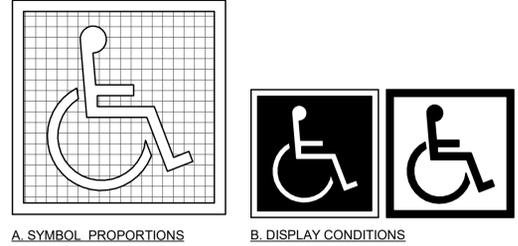
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D1 DIRECTIONAL WALL SYMBOLS
NOT TO SCALE

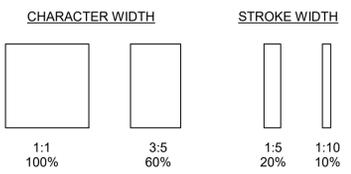
1. CHARACTER TYPE: CHARACTERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE II BRAILLE.
2. CHARACTER SIZE: RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8" (15.9mm) AND A MAXIMUM OF 2" (51mm) HIGH.
3. FINISH AND CONTRAST: CONTRAST BETWEEN CHARACTERS, SYMBOLS AND THEIR BACKGROUND MUST BE 70% MINIMUM AND HAVE A NON-GLARE FINISH.
4. PROPORTIONS: CHARACTERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO OF BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO OF BETWEEN 1:5 AND 1:10.
5. BRAILLE: GRADE II BRAILLE SHALL BE USED WHENEVER BRAILLE IS REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. SEE CHART FOR DIMENSIONS.



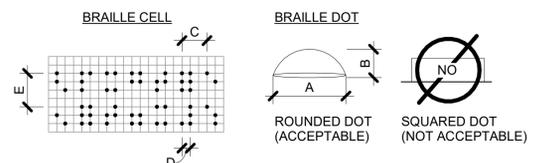
NOTE:
SYMBOL SIZE SHALL BE AS SCHEDULED IN SIGN LAYOUT DIAGRAMS. STROKE WIDTH TO HEIGHT RATIO SHALL BE BETWEEN 1:5 & 1:10.
SIGN LETTERS/ NUMBERS WIDTH TO HEIGHT RATIO SHALL BE BETWEEN 1:5 & 1:10.

D2 INTERNATIONAL ACCESSIBILITY SYMBOL
SCALE: 12" = 1'-0"

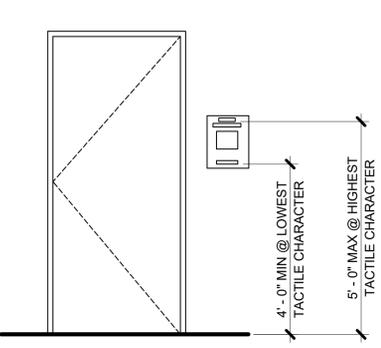
TEMPLATE FOR CHECKING CHARACTER AND STROKE WIDTH TO HEIGHT PROPORTIONS



| MEASUREMENT RANGE | MIN - MAX |
|---|-----------------|
| A: DOT BASE DIAMETER | 0.059" - 0.063" |
| B: DOT HEIGHT | 0.025" - 0.037" |
| C: DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS | 0.241" - 0.300" |
| D: DISTANCE BETWEEN DOTS IN THE SAME CELL | 0.090" - 0.100" |
| E: DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW | 0.395" - 0.400" |

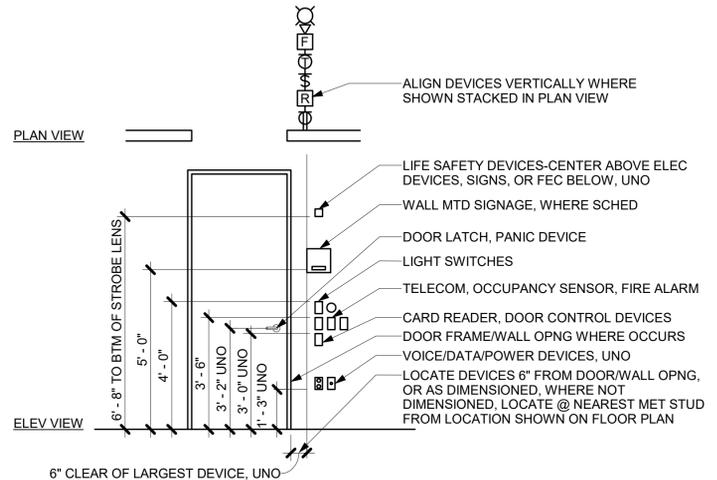


B1 BRAILLE REQUIREMENTS
SCALE: 12" = 1'-0"

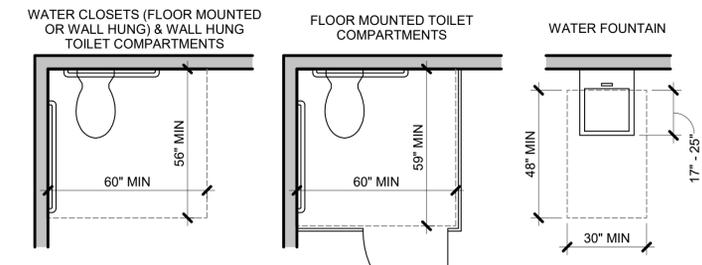


D3 SIGNAGE MOUNTING REQMTS
SCALE: 1/2" = 1'-0"

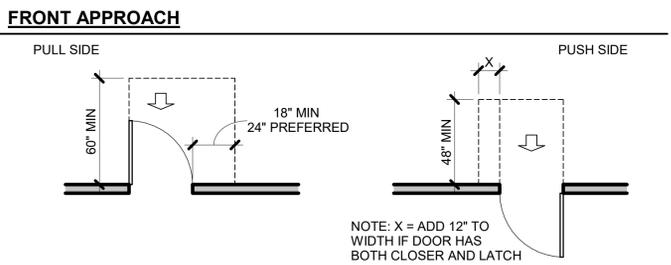
NOTE: LOCATE SIGN ALONGSIDE THE DOOR AT THE LATCH SIDE, WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR, WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS. SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALLS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18"X18" MIN, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION. WHEN MOUNTED, RAISED CHARACTER BASE LINES MUST FALL BETWEEN 48" AND 60" AFF



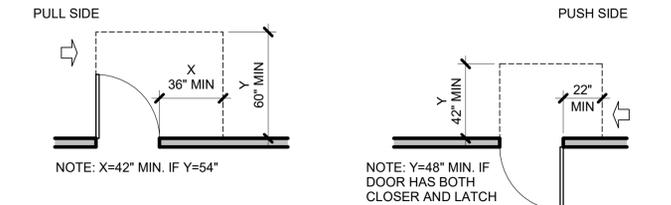
B3 DEVICE ALIGNMENT DIAGRAM
SCALE: 3/8" = 1'-0"



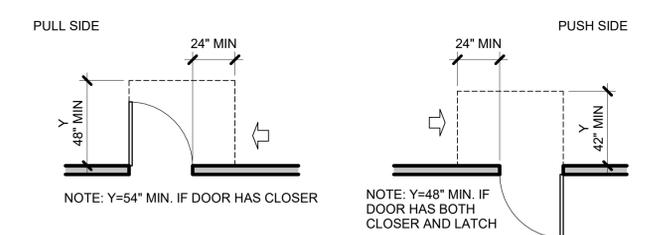
E5 ADA CLEARANCES
SCALE: 3/8" = 1'-0"



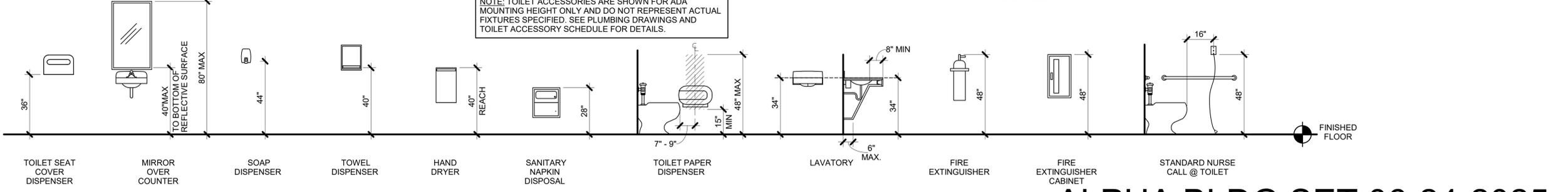
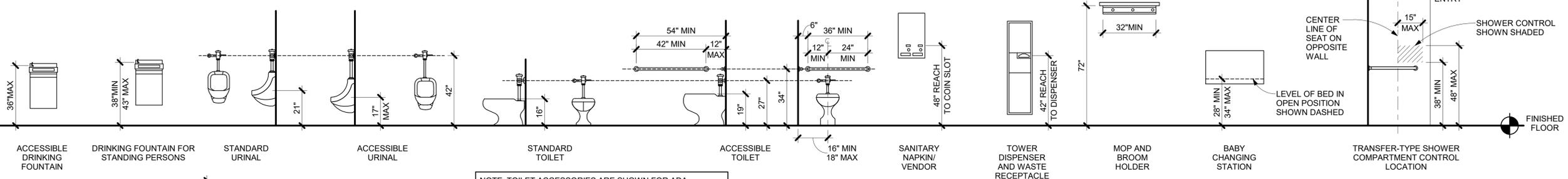
HINGE-SIDE APPROACH



LATCH-SIDE APPROACH



B5 DOOR CLEARANCES
SCALE: 1/4" = 1'-0"



A1 MOUNTING HEIGHTS
SCALE: 3/8" = 1'-0"

ALPHA BLDG SET 06-24-2025

**CHAMBLEE PUBLIC WORKS
OFFICE RENOVATION**

CITY OF CHAMBLEE

3220 CUMBERLAND DRIVE
CHAMBLEE, GEORGIA 30341

PRINT RECORD

| No. | DATE | DESCRIPTION |
|------------|------------|----------------------|
| 12-20-2024 | 12-20-2024 | ISSUED FOR PERMIT |
| 1 | 01-31-25 | PLAN REVIEW COMMENTS |
| A | 02-04-2025 | ISSUED FOR BID |
| B | 02/21/2025 | ADDENDUM A |

Drawn By AM
Checked By JDG
Date 02/21/2025
Job No. 24010

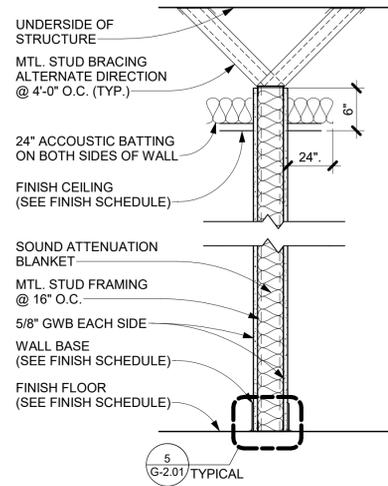
Sheet Title
**ADA REGULATORY
DETAILS &
DIAGRAMS**

Sheet No.

G-1.01

RELEASED FOR CONSTRUCTION

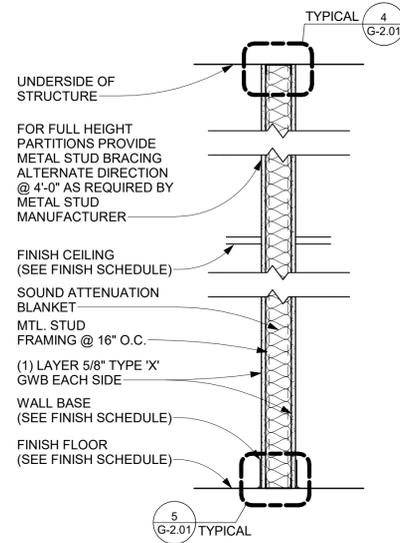
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| MTL. STUD PARTITION TO 6" ABOVE CEILING | | | | |
|---|------------------|-------------|--------|-------|
| WALL TYPE | DESCRIPTION | FIRE RATING | U.L. # | STC |
| A2 | 2 1/2" MTL. STUD | N/A | N/A | 48-55 |
| A3 | 3 5/8" MTL. STUD | N/A | N/A | 48-55 |
| A6 | 6" MTL. STUD | N/A | N/A | 48-55 |

1 WALL TYPE A

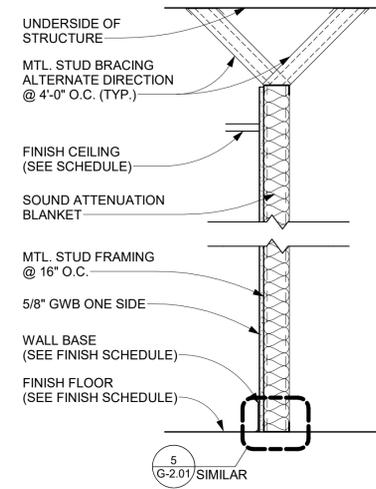
SCALE: 1" = 1'-0"



| MTL. STUD PARTITION / FIRE RATED | | | | |
|----------------------------------|------------------|-------------|--------|-----|
| WALL TYPE | DESCRIPTION | FIRE RATING | U.L. # | STC |
| E2 | 2 1/2" MTL. STUD | 1 HR | U419 | 47 |
| E3 | 3 5/8" MTL. STUD | 1 HR | U419 | 49 |
| E6 | 6" MTL. STUD | 1 HR | U419 | 49 |

2 WALL TYPE E

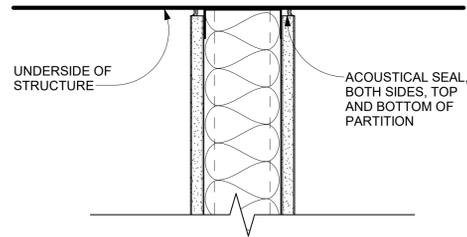
SCALE: 1" = 1'-0"



| MTL. STUD FURRING TO 6" ABOVE CEILING | | | | |
|---------------------------------------|---|-------------|--------|-----|
| WALL TYPE | DESCRIPTION | FIRE RATING | U.L. # | STC |
| H1 | 7/8" HAT CHANNELS (NO ACOUSTIC BATTING) | N/A | N/A | N/A |
| H2 | 2 1/2" MTL. STUD | N/A | N/A | N/A |
| H3 | 3 5/8" MTL. STUD | N/A | N/A | N/A |
| H6 | 6" MTL. STUD | N/A | N/A | N/A |

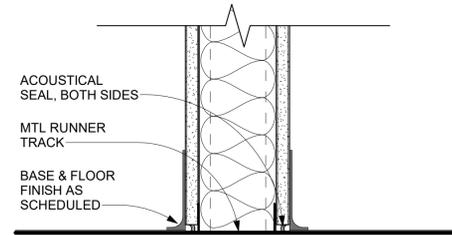
3 WALL TYPE H

SCALE: 1" = 1'-0"



4 HEAD OF WALL DETAIL

SCALE: 3" = 1'-0"



5 BOTTOM OF WALL DETAIL

SCALE: 3" = 1'-0"



208 Pirkle Ferry Road, Suite C
Cumming, GA 30040



**CHAMBLEE PUBLIC WORKS
OFFICE RENOVATION**

CITY OF CHAMBLEE

3220 CUMBERLAND DRIVE
CHAMBLEE, GEORGIA 30341

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| | | |
| | | |
| | | |

Drawn By AM
Checked By JDG
Date 02/21/2025
Job No. 24010

Sheet Title
PARTITION TYPE

Sheet No.

G-2.01

RELEASED FOR CONSTRUCTION

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PROJECT SPECIFICATIONS

00 50 00 GENERAL CONDITIONS

"The General Conditions of the Contract for Construction", AIA Document A201, 2007 edition, of the American Institute of Architects, is made a part of these Contract Documents in its entirety.

01 20 00 PRICE AND PAYMENT PROCEDURES

A. Applications for Payment shall utilize AIA G702, "Application and Certificate for Payment" including required continuation sheets. Approved Schedule of Values shall be used in the same format and values.

B. Submit three copies of each application.

C. When Architect or Owner's Representative requests substantiating information, submit data justifying dollar amounts in question.

D. Submit to the Architect or Owner's Representative for review and approval a Schedule of Values, at least ten consecutive business days prior to submitting first Application for Payment, utilizing AIA Document G703, "Continuation Sheet".

E. Use Project Specification headings as basis for format for listing costs of work under Divisions 02 - 49. Additional breakdown of work in certain sections may also be provided or required if needed or requested by the Architect or Owner's Representative.

01 30 00 ADMINISTRATIVE REQUIREMENTS

A. Contractor shall schedule and administer pre-construction meeting, periodic progress meetings, and specially called meetings throughout the work progress.

B. In order to provide for a regular review and evaluation of the Work and a systematic discussion of problems, the Owner's representative, Architect (if included in CA scope) and General Contractor shall meet at a mutually agreed schedule during the construction period. Representatives of contractor, subcontractors, and suppliers shall attend on an as needed basis. Contractor shall prepare agenda for meetings, make physical arrangements, preside, record minutes, and distribute copies of minutes within three days to those in attendance, those affected by decisions, the Owner's Representative, and the Architect, if he is involved during the construction.

C. Owner and Architect may attend meetings to ascertain work is expedited consistent with Contract Documents and construction schedules.

D. The Contractor's relations with his subcontractors and materials suppliers and discussions relative thereto, are the Contractor's responsibility and will not be part of the project meeting content.

E. To the maximum extent practicable, meetings will be held at the job site.

F. Contractor shall apply Contractor's stamp, signed or initialed in blue ink, certifying that review, approval, verification of products required, field dimensions, adjacent construction work, and coordination of information is in accordance with the requirements of the work and contract documents.

G. Submit sufficient quantities of project data and shop drawings for Architect or Owner's Representative to retain two copies and for one copy to be retained by Contractor and turned over to the Owner at the completion of the Project.

H. Submit sufficient quantities of samples for Architect or Owner's Representative to retain one copy. Review of submittals is only for conformance with design concept of Project and information in Contract Documents.

I. Maintain an orderly file of submittals bearing the Architect's or Owner's Representative's review stamp for the Project duration at Project site and deliver to Owner as part of Project closeout documents.

J. Maintain at the site for the Owner, one record copy of drawings and specifications, addenda, change orders, construction change directives, approved shop drawings, product data, and samples, field test reports, and RFI documents.

K. Store in Contractor's field office in file cabinets or racks for storage of documents. Using record documents for construction purposes is prohibited. Label each document "PROJECT RECORD" in large printed and legible letters.

L. If applicable, on drawings legibly mark to record actual construction including depth of foundations, vertical and horizontal locations of underground utilities, field changes of dimension or detail, and any other changes including change orders.

M. It is the responsibility of the General Contractor to maintain the "as built" set of contract documents. These will serve as the as-built record recording all field built conditions and made part of the closeout package.

01 32 16 CONSTRUCTION PROGRESS SCHEDULE

A. Promptly after award of Contract, Contractor shall prepare and submit to Architect or Owner's Representative estimated construction progress schedules for construction activities.

B. A formal "Notice to Proceed" will be issued to mark commencement of project.

C. Progress schedules shall include complete sequence of activity, dates for beginning and completion of each element, show accumulated percentage of each item's completion and total percentage of work completed.

D. Submit initial schedule with 15 days of Contract award. Submit revisions as needed to show major changes in scope or other identifiable changes.

E. Contractor shall submit samples, shop drawings, and product data to Architect or Owner's Representative as required by the specification sections below.

01 40 00 TESTING LABORATORY SERVICES

A. If required for the project, the Owner shall employ and pay for services of independent testing laboratory acceptable to Architect or Owner's Representative to perform specified services and testing.

01 43 30 SPECIAL INSPECTIONS

A. If required for the project, the Owner will retain the services of a qualified licensed Architect or Engineer to serve as "Special Inspector(s)" to perform inspections pursuant to the Statement of Special Inspections scheduled on the drawings. Approved Special Inspector(s) shall provide testing and verification reports to Owner, architect, building official, and structural engineer of record which indicate the inspected work was done in conformance with approved construction documents.

01 50 00 TEMPORARY FACILITIES, CONTROLS, AND UTILITIES

A. Temporary construction office - provide all temporary facilities as required to build this project with sufficient space for Contractor's personnel, telephone/fax, and office space complete with desk and layout board.

B. Temporary storage facilities - if required, provide with weathertight, secure storage sheds or trailers, type and size required for storage. Locate where directed by Owner. Owner is not responsible for securing the temporary storage facility and any theft or loss that may occur.

C. Electrical service - Terms to be discussed prior to execution of contact between Owner and General Contractor. Electrical for construction purposes may be obtained from Owner's present facility, coordinate with Owner's Representative. Provide temporary lighting for construction purposes as required by OSHA or local code.

D. Telephone/Wi-Fi/Fax - provide telephone, telephone message service, Wi-Fi and fax service to the temporary construction office.

E. Temporary heat and ventilation - Maintain spaces in range of 60o F to 80o F, unless product manufacturer for a particular product calls for more stringent requirements. Interior renovation within an existing building, maintain spaces in range of 60o F to 80o F, unless product manufacturer for a particular product calls for more stringent requirements.

F. Water service - Terms to be discussed prior to execution of contact between Owner and General Contractor. Water for construction purposes may be obtained from Owner's present facility, coordinate with Owner's Representative.

G. Sanitary toilet facilities - Provide and maintain temporary toilet facilities and enclosures for construction personnel. Using permanent new or existing facilities in the building is prohibited by construction personnel.

H. Project sign - order and erect or position sign as requested by Owner's Representative, or as indicated in the Construction Documents. Coordinate location with Owner's Representative.

01 60 00 PRODUCT REQUIREMENTS

A. Provide new products unless specifically required or permitted by Contract Documents.

01 70 00 EXECUTION AND CLOSEOUT REQUIREMENTS

A. Clean-up during construction - execute cleaning procedures to ensure building interior, project site, and adjacent properties are maintained free from construction debris and rubbish. Maintain site, both exterior and interior, in clean and orderly condition. Provide covered, on-site containers for waste collection.

B. Final cleaning - clean finish surfaces in accord with manufacturer's product data and requirements specified in sections not more than 48 hours prior to Date of Substantial Completion. Remove dust, debris, oils, stains, fingerprints, manufacturer's product labels and temporary labels from exposed interior and exterior finish surfaces. include washing and polishing interior and exterior glazing materials, vacuum carpeted and soft surfaces. Broom clean paved surfaces. Protect, maintain and clean inside of all HVAC supply and return ductwork free from dust and debris, and install new clean set of HVAC system filters not more the 48 hours prior to Date of Substantial Completion. Clean plumbing fixtures. Replace spent lamps and bulbs and clean lighting fixtures to "like-new" condition.

C. Submit operation and maintenance manuals - submit at issuance of Date of Substantial Completion or 15 days prior to final inspection whichever date is earlier. Submit in duplicate, in 8 1/2" x 11-inch format in D size ring binders with plastic Covers including an electronic version of all documents in PDF format on a CD. Internally divide with permanent page dividers logically organized. Include:

1. Part 1 - Directory: list names, addresses, telephone numbers of Architect, Contractor, subcontractors, major equipment suppliers, and local service for major equipment.

2. Part 2 - Operation and Maintenance Instructions: arrange by system further subdivided by specification section and include significant design criteria, equipment list, component parts list, operating instructions and maintenance instructions.

3. Part 3 - Project Documents and Certificates: include shop drawings and product data, air balance reports, certificates, and photocopies of warranties and bonds.

D. Certificates from governing code authorities/AHJ indicating construction has been inspected as required by laws or ordinances and building is approved for occupancy.

E. Warranties - Provide executed warranty in writing, indicate Date of Substantial Completion and warranty expiration date. Warranty period begins on Date of Substantial Completion and continues for one year unless otherwise indicated in individual specification sections or otherwise provided by individual manufacturers' warranties.

F. Record Documents - Provide set of Record Documents with final Application for Payment. This includes a scanned copy of the as-built set of contract documents identifying, including but not limited to, all Bulletins, RFI's Change Orders and field conditions.

G. Tools, equipment, spare parts, extra material, attic stock and related items as required in specification sections at final Application for Payment.

H. Fire extinguishers - Verify extinguishers are charged and ready for use, provide attached tag indicating date tested and by whom.

I. Keys - Construction keying shall be voided or change out cylinders that utilize construction keying. Deliver at Date of Substantial Completion to Owner's Representative keys with each tagged indicating lock which key operates. The Owner shall provide the General Contractor with Keying schedule unless directed otherwise by the Owner.

J. Maintenance training - provide a training class for each of the primary systems. Training class shall include Owner and/or Owner's designated representative. General Contractor shall video tape training class for archiving and reference by the Owner and/or Owner's designated representative.

FOR THE FOLLOWING MATERIAL SPECIFICATIONS, REFERENCE AND COMPLY WITH THE MANUFACTURER'S PRODUCT LITERATURE, SPECIFICATIONS, AND WRITTEN INSTRUCTIONS ON INSTALLATION UNLESS OTHERWISE NOTED.

02 41 00 BUILDING DEMOLITION

A. Comply with the most recent applicable codes for demolition of structures, safety of adjacent structures, noise control, and dust control. Obtain required permits, notify affected utility companies and comply with their requirements, conform to regulatory procedures when hazardous or contaminated materials are discovered, and do not close or obstruct roadways without permits.

B. Suspend operations immediately if hazardous or contaminated materials such as asbestos or polychlorinated biphenyl, not previously rendered harmless, are encountered, contact Architect and Owner in writing. Do not resume operations until directed, hazardous or contaminated materials have been rendered harmless, and conditions are agreed to by Owner and Contractor in writing.

C. Provide and maintain temporary barriers and security procedures as required to protect property and people and to meet the requirements of the General Conditions. Protect existing landscaping, appurtenances and structures that are not to be demolished. Prevent movement or settlement of adjacent structures. Provide bracing and shoring. Mark location of all utilities prior to proceeding with scope of work.

D. Minimize interference with adjacent structures and public or private access. Maintain protected egress and access at all times. Obtain written permission from adjacent property Owners when demolition equipment will traverse or infringe upon their property. Suspend operations immediately if adjacent structures appear to be in danger, contact Architect and authority having jurisdiction, do not resume operations until directed. Provide hoses and water connection to sprinkle demolition area with water to minimize dust. It is the sole responsibility of the General Contractor to confine dust and odors to construction area and quickly remediate any breeches in containment.

SECTION 04 22 00 POLISHED MASONRY VENEER

PART 1 - GENERAL

Provide Specific Product, No Substitutions. Verastone Plus filled and polished units are filled with a cementitious grout and polished smooth in a multi-stage polishing process. Both the ground face and filled and polished surfaces shall have a factory-applied heat-treated acrylic or water-based sealer finish. All units contain a manufacturer-approved integral water repellent CMU admixture at the time of manufacturing.

FIELD CONSTRUCTED MOCK-UPS: Construct a sample panel, no less than 6' x 4', of units to be used in the project. A full-size unit is required to illustrate color and texture for _____. This panel will represent both the quality of the product and the workmanship to be expected for the project. The panel must be approved by either the owner or architect for the project. Manufacturer will provide 4" units for a 4' by 4' sample panel at no cost for the material (excluding freight to site).

PART II - PRODUCTS

PRODUCT NAME: Verastone Plus

MANUFACTURER

Northfield Block Company (800) 358-3003

3400 E. Burgalow Road, Morris, IL 60450

RELATED MATERIALS

Colored matching or contrasting mortar is available from manufacturer. Consult NCMA TEK Notes, available at EchelonMasonry.com, for mortar type and specifications.

For all exterior mortar, use matching manufacturer approved water repellent mortar admixture following manufacturer's instructions.

SIZES AND SHAPES

All blocks are nominal 4"Dx12"Hx24"W

MASONRY CLEANERS

Carefully following manufacturer's instructions, use Burnished Custom Masonry Cleaner by PROSOCO (dilute 1 part to 3 parts clean water), DO NOT POWERWASH. CAUTION! Never use Muriatic Acid solution or any cleaner with an acid base on units.

PART III - EXECUTION

LAYING MASONRY WALLS

Draw blocks from more than one pallet at a time during installation. All exterior mortar shall include manufacturer approved matching water repellent additive added to each batch in the appropriate dosage rates for mortar type (M, S or N) per manufacturer's instructions. Refer to NCMA TEK Notes, available at EchelonMasonry.com, for hot and cold weather construction practices.

Lay units using the best concrete masonry practices. Install only quality units; reject all defective units as defined by ASTM C90. Lay blocks with the faces level, plumb and true to the line strung horizontally at the ground or filled and polished face. Units shall have uniform, 3/8"-wide joints both horizontally and vertically on the finished side of the wall.

Tool joints neatly after they are finger-hard to make them straight and uniform. Size and place cut pieces appropriately to maintain consistency and bond. Complete masonry construction using procedures and workmanship consistent with the best masonry practices.

INSTALLATION

Cutting: Minimize cut blocks

MORTAR BEDDING and JOINTING

1. Lay units with full mortar coverage on head and bed joints

2. Tool all mortar joints when thumbprint hard into a concave configuration.

3. Care should be taken to remove mortar from the face of masonry units before it sets.

NO RAKE JOINTS.

FLASHING OF MASONRY WORK

Install flashing, weeps and reinforcing at locations shown in the plans and in strict accordance with the details and the best masonry flashing practices including above windows.

INSPECTION

The faces shall conform to the requirements of ASTM C90 when viewed from a distance of twenty (20) feet at right angles to the wall with diffused lighting.

CLEANING

Keep walls clean daily during installation using brushes, rags and the burlap squares supplied on the pallets. Do not allow excess mortar lumps or smears to harden on the finished surfaces.

FINAL CLEANDOWN

Clean the completed walls with PROSOCO Burnished Custom Masonry Cleaner (dilute 1 part to 3 parts clean water), strictly following the manufacturer's instructions - including thorough rinsing. Do not use acid or abrasives on the finished surfaces

DO NOT POWERWASH

FIELD COAT APPLICATION

For completely finished walls, a finish coat of TRENDCOAT

Acrylic (minimum 20% solids content) or TRENDCOAT WB (water-base) is recommended. Apply to wall after clean-down and when the walls are dry. Apply the acrylic evenly to cover the entire surface without forming drips or runs. For maximum coverage and best appearance, apply with airless spray equipment.

MAINTENANCE

Properly installed and cleaned, units need virtually no maintenance other than routine cleaning (i.e. Pinesol or Fantastik). Graffiti, paint or dye stains may need special cleaning methods.

06 10 00 ROUGH CARPENTRY

A. Lumber shall be #2 Southern Pine or Western Lumber. Miscellaneous furring and nailers shall be utility grade Southern Pine. Nailers and blocking associated with roofing and flashing systems shall be preservative and fire-retardant treated. Exterior plywood shall be CC-EXT-APA, Group I. Interior plywood shall be A-D, INT-APA, Group 1. Fire-retardant-treated wood.

B. Provide concealed blocking, nailers, and supports for securing applied fixtures and fittings; specific items to be indicated on the drawings.

C. Provide concealed blocking, nailers, and supports for securing base cabinets and wall mounted cabinets to partitions. Reference drawings for locations of base and wall mounted cabinets.

D. Provide concealed blocking, nailers, and supports for securing video/t.v./monitors to partitions. Reference drawings for locations of wall mounted video/t.v./monitor locations.

E. Backboards at phone equipment shall be 3/4" fire treated plywood, painted face and all exposed edges. Sand, prime and ease all edges prior to painting.

F. Nailing schedule shall be in accord with current edition of International Building Code.

G. Install rough carpentry work cut square on bearings, closely fitted, accurately set to required lines and levels and secured in place. Brush apply preservative treatment to cut ends of treated lumber. Coordinate location of blocking and nailers with locations of finishing materials, fixtures, specialty items and trim. Install plywood with face grain perpendicular to supports. Terminate panels over supports, allowing 1/8" between end joints and 1/4" between edge joints for expansion and contraction.

06 20 00 FINISH CARPENTRY

A. Coordinate and install millwork provided by Tenant, and as indicated on drawings.

B. Installer must have a minimum of five years' experience in the same field and be able to demonstrate successful projects that meet the specified AWI grade.

C. Source Quality Control: Obtain materials for each type, including veneer doors, from a single manufacturer or source so as to ensure matching of quality, color, grain, and finish.

D. Quality standards for the following types of architectural woodwork, "Premium Grade" except as modified, as follows:

1. Standing trim, running trim, and rails: AWI Section 300, Custom Grade.
2. Architectural cabinets, laminate clad: AWI Sections 400 for Flush Overlay and 400B, Premium Grade.
3. Architectural cabinet tops: AWI Sections 400 for High Pressure Decorative Laminate tops and 400C, Custom Grade.
4. Shelving: AWI Section 600, Custom Grade.
5. Paneling: AWI Section 700.
6. Miscellaneous ornamental items: AWI Section 700.
7. Stile and rail doors: AWI Section 1400.
8. Factory Finishing: AWI Section 1500.
- 9.

E. Wood Treatment: Where fire-retardant treated woodwork is indicated, use approved fire-retardant treatment that will not adversely affect the desired finish and appearance.

F. Project Conditions: Stabilize humidity and temperature at normal operating Conditions at least seven (7) calendar days prior to installation and thereafter.

G. Installation: Meet AWI standards for quality standards and premium construction for tolerances. Scribe and cut work to fit adjoining work, refinish cut surfaces and repair damaged finish at cuts. Anchor casework to anchors or blocking built-in or directly attached to substrate. Secure to grounds, stripping, and blocking with countersunk concealed fasteners and blind nailing as required for a complete installation.

H. Lumber (Verify all species selections with drawings):

1. Exposed and semi-exposed painted millwork and trim: Custom Grade Poplar or Custom Grade White Pine, kiln dried.

2. Interior standing and running trim: Custom Grade Poplar or Custom Grade White Pine, kiln dried. Install in single, unjointed lengths for openings and runs less than 16'-0". Stagger joints in adjacent members. Cope at returns, miter at corners.

I. Hardware

1. Door and drawer pulls to be 4" matt nickel stainless steel.
2. Concealed hinges to be Grade 2 (Institutional duty), 170 degrees opening
3. Door and drawer locks: provide elbow catches on un-keyed leaf of pair of doors. If electronic push button, provide battery operated with low battery indicator.
4. Drawer Slides to be full extensions slides; 100lb per slide per standard drawer, 150lb per slide per standard file drawer and 250lb per lateral file drawer.
5. Shelf standards to be same color as cabinet interior.

J. Countertops shall have 1-1/2" radiused corners as indicated on drawings, U.N.O.

07 21 00 THERMAL INSULATION

A. Batt insulation shall be fiberglass batts width equal to framing spacing, kraft face, ASTM C665, Type II, Class C, 1.0 perm rating, R-13 in walls.

B. Rigid extruded polystyrene insulation shall be extruded, closed cell, CFC-12 free, polystyrene boards meeting ASTM C578, Type IV for use in perimeter and other applications, thickness 2" or as scheduled on drawings.

C. Safing Insulation - shall be unfaced, semi-rigid, 4 pcf minimum. Install in cavities of all floor-to-floor penetrations; include spaces around piping and duct penetrations. Foam saffing may be used in lieu of saffing insulation.

D. Sound insulation - refer to Section 09 21 16 Gypsum Board Assemblies.

E. Provide continuous 1/4" foam tape filler where walls meet window mullions. Provide double foam tape fill at demising wall between tenants, intersecting partitions and demising walls.

07 84 00 FIRE STOPPING

Fire stopping shall be single component self-adhering, flexible, water-tight, non-sag, elastomeric silicon or endothermic latex compound. Provide firestopping as required to maintain ratings at all penetrations through rated walls, partitions, floors and floor-ceiling assemblies. Fire-stopping to comply with Underwriters Lavatory testing numbers where apply.

07 90 05 SEALANTS AND CAULKS

Exterior joints and all other openings in the building shall be caulked, gasketed, weather-stripped, or sealed in an approved manner (ref. Georgia State Energy Code, Section 502.4). Seal all sound partitions with acoustical sealant at base, head, perimeter and all openings.

A. Silicone sanitary sealant, SSS-1, one-part silicone rubber, mildew and stain resistant, ASTM C920, Type S, Grade NS, Class 25. Use at plumbing fixture perimeters mounted on walls and top and edges of backsplashes at countertops.

B. Two-part non-sag polyurethane sealant, PSV2-1, two-part polyurethane based sealant with separate prepackaged color agent to achieve colors, ASTM C920, Type M, Grade NS, Class 25. Use at exterior and interior door and window frames perimeter.

C. Caulking compound for setting thresholds and for other interior caulking shall be an oleo-resinous, gun grade, non-staining plastic compound meeting Federal Specification TT-T-598. Material shall have shrinkage factor not exceeding 15%.

D. Acrylic-latex caulk, ALC-1, flexible paintable, non-staining, non-bleeding acrylic emulsion, ASTM C834. Use at interior non-working cosmetic joints between similar and dissimilar adjacent materials.

E. Butyl caulk, BC-1, one part butyl rubber caulk, ASTM C1085, black. Use continuous double bead at sill or threshold of exterior swinging doors.

F. Backer rod, compressible rod stock closed cell foam, open cell foam, soft cell foam, or neoprene foam, type recommended by sealant manufacturer for material compatibility and conditions encountered.

08 11 00 STEEL DOORS AND FRAMES

A. Exterior steel doors and frames to be Building Standard.

B. Materials include steel, ASTM A366, cold rolled steel sheet free of scale, pitting, or surface defects; exterior frames and doors, ASTM A525, zinc coated, coating designation G60; and primer, one coat manufacturer's standard baked-on enamel rust-inhibitive primer to pin hole free.

C. Frame construction shall be factory primed, pressed steel, frames for doors and other indicated openings. Exterior door frames shall be 16-gauge, face welded, seamless with joints filled and weather-stripping per Section 08710. Interior frames shall be knock down "KD" type frames, and 16-gauge. All frames shall have labels for labeled openings as required, with standard rubber, neoprene, or silicone silencers.

D. Provide manufacturer's standard frame anchors for attachment to studs at 20" o.c. max or fraction thereof on each jamb.

E. Door construction for exterior units shall be Grade II, Heavy Duty, seamless composite construction, 16-gauge material, with 20 PSI compressive strength foamed-in-place polyurethane core.

F. Submit manufacturer's product data and shop drawings indicating door and frame elevations, sections, materials, gauges, finishes, fabrication and erection details, location of finish hardware by dimension, and details of openings and louvers.

G. Provide metal drip at exterior door frames which have no alternative cover.

08 14 16 FLUSH WOOD DOORS

A. Industry standards are those of the National Wood Window and Door Association (NWWDA) and the Architectural Woodwork Institute (AWI). Fire-rated wood doors shall bear label of testing and approval by independent testing agency, having been tested in accord with UBC 7-2-1997 or UL 10-C for ratings indicated.

B. Wood doors shall be solid, particle board core, 1-3/4" thickness, meeting NWMA I.S.-1. minimum five-ply, 1-3/4" thickness. Core shall have min. 28 pcf density. Premium Grade, with "Plain-Sawn" White Oak" face veneers and edges; veneers book matched across door face; full length. Plastic laminate veneer doors shall consist of .050" high pressure decorative laminate. Conform to NEMA Standard LD-3-1980, Grade GP 50. Fire rated doors shall be rated as shown on the drawings, with factory installed labels. Fire rated doors shall have reinforced edges to accept full mortise hinges.

C. Execution: install doors in respective frames using specified hardware. Doors shall operate without binding or sticking at frames or floor. Maintain NWWDA and NFPA No. 80 standard tolerances.

D. Submit shop drawings indicating door species, finish, sizes, construction, and hardware locations.



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**CHAMBLEE PUBLIC WORKS
OFFICE RENOVATION**

CITY OF CHAMBLEE

3220 CUMBERLAND DRIVE
CHAMBLEE, GEORGIA 30341

PRINT RECORD

| No. | DATE | DESCRIPTION |
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| Date 02/21/2025 | Job No. 24010 |

**Sheet Title
SPECIFICATIONS**

Sheet No. **G-3.01**
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STATEMENT OF SPECIAL INSPECTIONS

PROJECT: Chamblee Public Works Office Renovation
LOCATION: 3220 Cumberland Drive, Chamblee, Georgia 30341
PERMIT APPLICANT:
ARCHITECT OF RECORD: Jericho Design Group (JDG)
STRUCTURAL ENGINEER OF RECORD: Wallace Design Collective - Eric D. Blackmore, SE
MECHANICAL ENGINEER OF RECORD: Conway & Owen
ELECTRICAL ENGINEER OF RECORD: Conway & Owen
REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE: Doug Shaw - JDG

This Statement of Special Inspections is submitted in accordance with Section 1704.3 of the 2018 International Building Code. It includes a Schedule of Special Inspection Services applicable to the above-referenced Project as well as the identity of the individuals, agencies, or firms intended to be retained for conducting these inspections.

Are Special Inspections for Wind Resistance included in the Statement of Special Inspections? NO
Are Special Inspections for Seismic Resistance included in the Statement of Special Inspections? YES

The Special Inspector(s) shall keep records of all inspections and shall furnish interim inspection reports to the Building Official and to the Registered Design Professional in Responsible Charge at a frequency agreed upon by the Design Professional and the Building Official prior to the start of work. Discrepancies shall be brought to the immediate attention of the Contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official and the Registered Design Professional in Responsible Charge prior to completion of that phase of work.

Frequency of interim report submissions to the Registered Design Professional in Responsible Charge:
Weekly [x] Bi-Weekly [] Monthly [] Other: specify:
Frequency of interim report submissions to the Building Official:
Monthly [x] Bi-Monthly [] Upon Completion [] Other: specify:

The Special Inspection Program does not relieve the Contractor of the responsibility to comply with the Contract Documents. Jobsite safety and means and methods of construction are solely the responsibility of the Contractor.

Statement of Special Inspections Prepared by:

Preparer's Seal

Eric D. Blackmore
Type or print name
Signature Date 09 September 2024
Building Officials Acceptance:
Signature Date
Permit Number:



Description of designated seismic systems subject to special inspection and testing for seismic resistance:

(Required for architectural, electrical, and mechanical systems and their components that require design in accordance with ASCE 7, Chapter 13, have a component importance factor (I_p) greater than one and are in Seismic Design Category C, D, E, or F.)

See schedule of special inspections.

Description of additional seismic systems and components requiring special inspections:

(Required for systems noted in IBC Section 1705.12.5, 1705.12.6, 1705.12.7, and 1705.12.8.)

1705.12.5 - Not applicable based upon Seismic Design Category
1705.12.6 - See schedule of special inspections
1705.12.7 - Not Applicable
1705.12.8 - Not Applicable

Description of additional seismic systems and components requiring testing:

(Required for systems and components noted in IBC Section 1705.13.)

Not Applicable

Statement of Responsibility:

Each contractor responsible for the construction or fabrication of a system or component described above must submit a Contractor's Statement of Responsibility.

SCHEDULE OF SPECIAL INSPECTION SERVICES table with columns: PROJECT, MATERIAL / ACTIVITY, SERVICE, APPLICABLE TO THIS PROJECT (Y/N, EXTENT, AGENT*, DATE COMPLETED). Includes sections for 1705.1.1 Special Cases, 1705.2.2 Cold-Formed Steel Deck, and 1705.2.3 Open-Web Steel Joists and Joist Girders.

SCHEDULE OF SPECIAL INSPECTION SERVICES table with columns: PROJECT, MATERIAL / ACTIVITY, SERVICE, APPLICABLE TO THIS PROJECT (Y/N, EXTENT, AGENT*, DATE COMPLETED). Includes sections for 1705.2.1 Structural Steel Construction and 1705.3 Concrete Construction.

SPECIAL INSPECTIONS FOR WIND RESISTANCE

See the Schedule of Special Inspections for inspection and testing requirements

Allowable Stress Design Wind Speed: V_wd = 83 m.p.h.

Wind Exposure Category: Category B

Special Inspection for Wind Resistance Required: NO

(Required in Wind Exposure Category B, where the Allowable Stress Design Wind Speed (V_wd) is 120 miles-per-hour or greater. Required in Wind Exposure Category C or D, where the Allowable Stress Design Wind Speed (V_wd) is 110 miles-per-hour or greater.)

Description of structural wood and cold-formed steel light-frame construction, main windforce-resisting system subject to special inspections for wind resistance:

(Required for systems noted in IBC Section 1705.11.1 and 1705.11.2.)

N/A - Interior build-out

Description of wind force-resisting components subject to special inspections for wind resistance:

(Required for systems and components noted in IBC Section 1705.11.3.)

N/A - Interior build-out

Statement of Responsibility:

Each contractor responsible for the construction or fabrication of a system or component described above must submit a Contractor's Statement of Responsibility.

SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE

See the Schedule of Special Inspections for inspection and testing requirements

Seismic Design Category: SDC C

Special Inspection for Seismic Resistance Required: YES

Description of seismic force-resisting system subject to special inspection and testing for seismic resistance:

(Required for systems noted in IBC Section 1705.12.1, 1705.12.2, and 1705.12.3. Special inspections for seismic resistance of structural steel, where required, shall be in accordance with AISC 341.)

1705.12.1 - Exempt based upon "Steel systems not specifically detailed for seismic resistance - R = 3.0)
1705.12.2 - Not Applicable
1705.12.3 - Not Applicable

SCHEDULE OF SPECIAL INSPECTION SERVICES table with columns: PROJECT, MATERIAL / ACTIVITY, SERVICE, APPLICABLE TO THIS PROJECT (Y/N, EXTENT, AGENT*, DATE COMPLETED). Includes sections for 1705.2.2 Cold-Formed Steel Deck and 1705.2.4 Cold-Formed Steel Trusses Spanning 60-feet or Greater.

SCHEDULE OF SPECIAL INSPECTION SERVICES table with columns: PROJECT, MATERIAL / ACTIVITY, SERVICE, APPLICABLE TO THIS PROJECT (Y/N, EXTENT, AGENT*, DATE COMPLETED). Includes sections for 1705.3 Concrete Construction and 1705.3 Open-Web Steel Joists and Joist Girders.

Table with 5 columns: Item No., Description, Review Method, Frequency, and Remarks. Includes items for concrete strength verification and formwork inspection.

SCHEDULE OF SPECIAL INSPECTION SERVICES table with columns: PROJECT, MATERIAL / ACTIVITY, SERVICE, APPLICABLE TO THIS PROJECT (Y/N, EXTENT, AGENT*, DATE COMPLETED). Includes sections for 1705.4 Masonry Construction and 1705.3 Concrete Construction.



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CHAMBLEE PUBLIC WORKS OFFICE RENOVATION
CITY OF CHAMBLEE
3220 CUMBERLAND DRIVE CHAMBLEE, GEORGIA 30341

PRINT RECORD table with columns: No., DATE, DESCRIPTION. Includes entry for 09-12-2024 ISSUED FOR PERMIT.

Drawn By: BEH, Checked By: EDB
Date: 02/21/2025, Job No.: 24010

Sheet Title: STRUCTURAL INSPECTIONS

Sheet No.: S-0.10
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SCHEDULE OF SPECIAL INSPECTION SERVICES. PROJECT: Chamblee Public Works Office Renovation. MATERIAL / ACTIVITY: 1705.5 Wood Construction. SERVICE: In-Plant Review (3), Field Inspection. Y/N, EXTENT, AGENT*, DATE COMPLETED.

SCHEDULE OF SPECIAL INSPECTION SERVICES. PROJECT: Chamblee Public Works Office Renovation. MATERIAL / ACTIVITY: 1705.11.1 Structural Wood Special Inspections for Wind Resistance. SERVICE: Field Inspection, Shop (3) and Field Inspection. Y/N, EXTENT, AGENT*, DATE COMPLETED.

SCHEDULE OF SPECIAL INSPECTION SERVICES. PROJECT: Chamblee Public Works Office Renovation. MATERIAL / ACTIVITY: 1705.12.9 Cold-Formed Steel Special Bolted Moment Frames. SERVICE: Field Inspection. Y/N, EXTENT, AGENT*, DATE COMPLETED.

SCHEDULE OF SPECIAL INSPECTION SERVICES. PROJECT: Chamblee Public Works Office Renovation. MATERIAL / ACTIVITY: 1705.13.1 Structural Steel Testing for Seismic Resistance. SERVICE: Field Test. Y/N, EXTENT, AGENT*, DATE COMPLETED.

SCHEDULE OF SPECIAL INSPECTION SERVICES. PROJECT: Chamblee Public Works Office Renovation. MATERIAL / ACTIVITY: 1705.6 Soils, 1705.7 Driven Deep Foundations, 1705.8 Cast-in-Place Deep Foundations, 1705.9 Helical Pile Foundations. SERVICE: Field Inspection. Y/N, EXTENT, AGENT*, DATE COMPLETED.

SCHEDULE OF SPECIAL INSPECTION SERVICES. PROJECT: Chamblee Public Works Office Renovation. MATERIAL / ACTIVITY: 1705.12.1 Structural Steel Special Inspections for Seismic Resistance, 1705.12.2 Structural Wood Special Inspections for Seismic Resistance, 1705.12.3 Cold-Formed Steel Light-Frame Construction Special Inspections for Seismic Resistance, 1705.12.4 Designated Seismic Systems Verification Special Inspections for Seismic Resistance, 1705.12.5 Architectural Components Special Inspection for Seismic Resistance.

SCHEDULE OF SPECIAL INSPECTION SERVICES. PROJECT: Chamblee Public Works Office Renovation. MATERIAL / ACTIVITY: 1705.14 Sprayed Fire-resistant Materials, 1705.15 Mastic and Intumescent Fire-resistant Coatings, 1705.16 Exterior Insulation and Finish Systems (EIFS), 1705.17 Fire-resistance Penetrations and Joints, 1705.18 Smoke Control Systems. SERVICE: Field Inspection, Field Testing. Y/N, EXTENT, AGENT*, DATE COMPLETED.

INSPECTION AGENTS. FIRM: ITA - TBD, SECOR - WDC (ERIC BLACKMORE). ADDRESS: 1455 LINCOLN PARKWAY EAST, ATLANTA, GA 30346. TELEPHONE NUMBER: 404.564.3658.

SCHEDULE OF SPECIAL INSPECTION SERVICES. PROJECT: Chamblee Public Works Office Renovation. MATERIAL / ACTIVITY: 1705.10 Fabricated Items. SERVICE: Shop Inspection. Y/N, EXTENT, AGENT*, DATE COMPLETED.

SCHEDULE OF SPECIAL INSPECTION SERVICES. PROJECT: Chamblee Public Works Office Renovation. MATERIAL / ACTIVITY: 1705.12.6 Plumbing, Mechanical, & Electrical Components Special Inspection for Seismic Resistance, 1705.12.7 Storage Racks Special Inspections for Seismic Resistance, 1705.12.8 Seismic Isolation Systems. SERVICE: Field Inspection. Y/N, EXTENT, AGENT*, DATE COMPLETED.



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Table with columns: No., DATE, DESCRIPTION. Row 1: 09-12-2024 ISSUED FOR PERMIT

Drawn By: BEH, Checked By: EDB, Date: 02/21/2025, Job No.: 24010

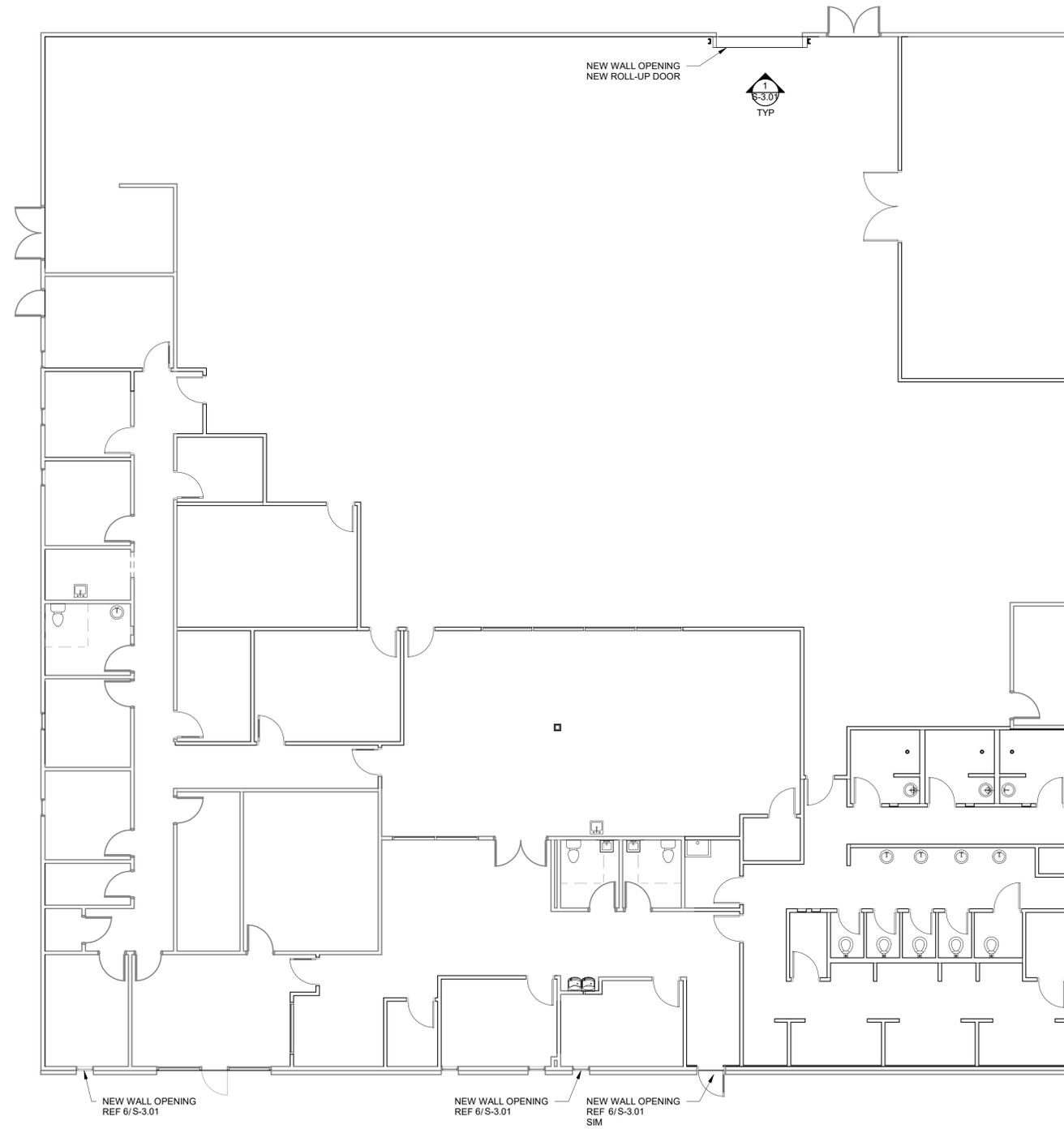
Sheet Title: STRUCTURAL SPECIAL INSPECTIONS

Sheet No.: S-0.11 RELEASED FOR CONSTRUCTION

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1 STRUCTURAL REFERENCE PLAN
1/8" = 1'-0"

FLOOR FRAMING PLAN SHEET NOTES:

1. TOP OF EXISTING CONCRETE SLAB ELEVATION = 0'-0" UNLESS NOTED OTHERWISE.
2. STRUCTURAL DOCUMENTATION FOR THE EXISTING BUILDING IS UNAVAILABLE. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS REQUIRED FOR THE SCOPE OF WORK. NOTIFY SEOR OF ANY VARIANCES FROM INFORMATION PRESENTED BY THESE DOCUMENTS.
3. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT INDICATED. COORDINATE SLAB ELEVATIONS, SLAB EDGES, AND SLAB SLOPES WITH ARCH PLANS.
4. REFER TO PLUMBING FOR ROUTING OF NEW BELOW SLAB PIPING. REFER TO 2/S-3.01 FOR SLAB INFILL DETAIL WHERE EXISTING SLAB MUST BE REMOVED FOR NEW PIPE INSTALLATION.



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Sheet Title
STRUCTURAL PLAN

Sheet No.
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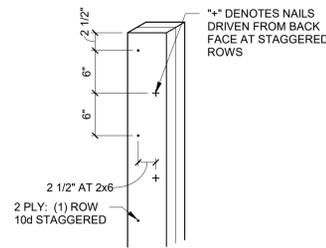


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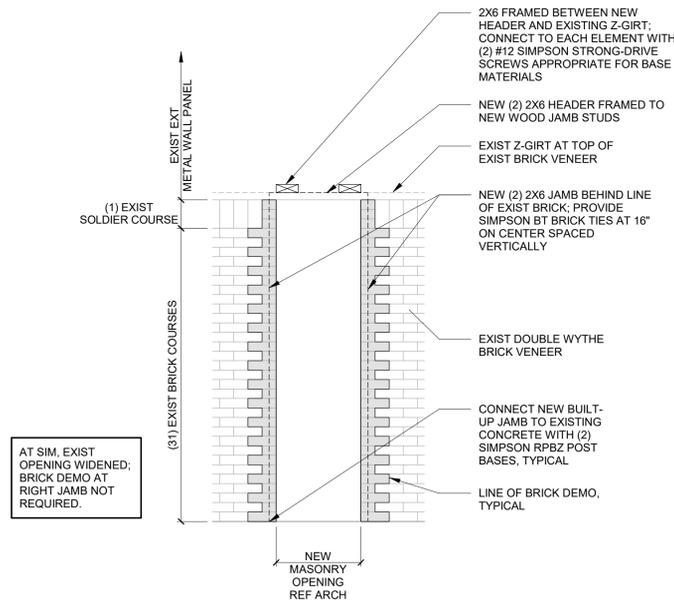
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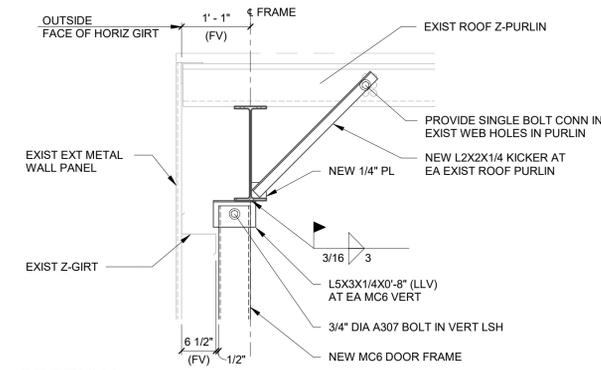
7 TYPICAL BUILT-UP JAMB AND HEADER DETAIL
NTS



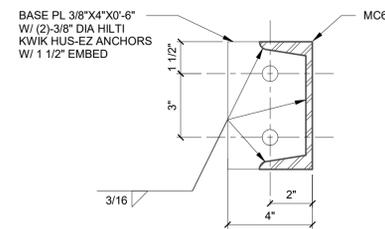
6 ELEVATION AT NEW OPENINGS
NTS



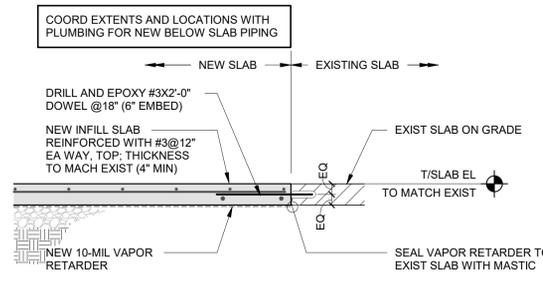
5 SECTION
NTS



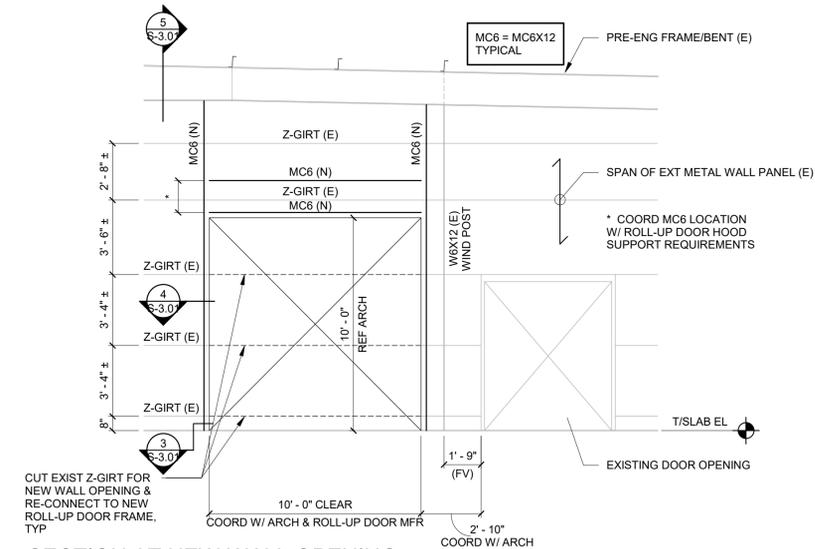
3 SECTION
NTS



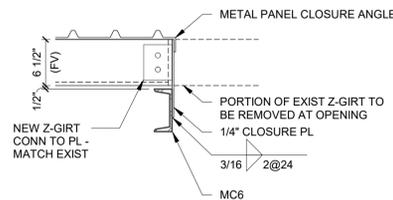
2 TYPICAL GRADE SUPPORTED SLAB AT EXISTING SLAB
NTS



1 SECTION AT NEW WALL OPENING
NTS



4 SECTION
NTS



**CHAMBLEE PUBLIC WORKS
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CITY OF CHAMBLEE

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Sheet Title
**STRUCTURAL
DETAILS**

Sheet No.

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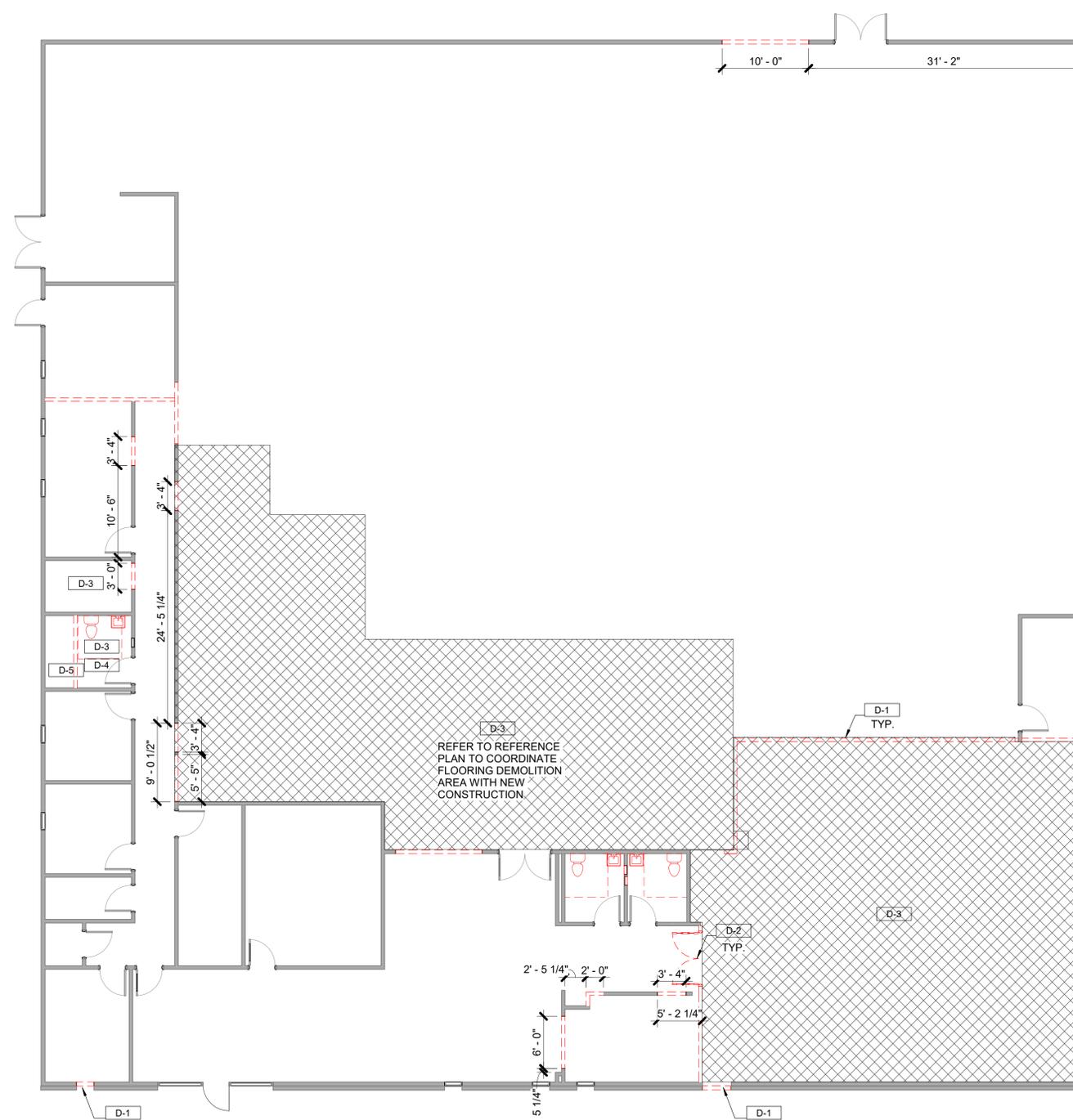
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| KEY PLAN | |
|----------|-------------------------------|
| | EXISTING WALL TO REMAIN |
| | WORK TO BE DEMOLISHED/REMOVED |
| | NOT IN SCOPE |
| | KEY NOTES |

- | GENERAL DEMO NOTES | |
|--------------------|--|
| 1. | CONTRACTOR TO TAKE CARE IN REMOVAL OF ANY ITEMS SCHEDULED OR NOT SCHEDULED FOR REUSE, SUCH AS FIXTURES, CEILING TILES, DOORS, DOOR FRAMES, HARDWARE, ETC. ITEMS TO BE OFFERED TO BUILDING OWNER FOR STOCK. |
| 2. | DEMOLITION SHALL BE COMPLETED DURING THE HOURS OUTLINED IN CONTRACT |
| 3. | DUST FREE BARRIERS MUST BE MAINTAINED AND SECURED @ CEILING TO FLOOR BETWEEN OCCUPIED AREAS AND AREAS OF DEMOLITION EXCEPT @ ENTRANCE AND EXIT TO SPACE. |
| 4. | ALL EXISTING SECURITY CAMERAS TO REMAIN. PROTECT DURING DEMOLITION. |
| 5. | AREAS/WALLS DAMAGED BY CONSTRUCTION EFFORTS DUE TO DEMOLITION OF ADJACENT PARTITIONS SHALL BE PATCHED AND PREPARED FOR NEW FINISHES. |
| 6. | SEE FOOD SERVICE, MECHANICAL, ELECTRICAL & PLUMBING DRAWINGS FOR FULL EXTENT OF DEMOLITION. |
| 7. | GENERAL CONTRACTOR SHALL COORDINATE ANY HAZARDOUS ABATEMENT W/ OWNERS CONSULTANTS. |
| 8. | GENERAL CONTRACTOR SHALL COORDINATE ALL PARTITION PENETRATIONS REQUIRED FOR INSTALLATION OF RENOVATION/NEW CONSTRUCTION. DEMOLITION PLANS ARE REPRESENTATIVE OF DEMOLITION PARAMETERS & ADDITIONAL WORK REQUIRED FOR PREPARATION OF EXISTING BUILDING SHALL BE COORDINATED W/ STRUCTURAL, ARCHITECTURAL, FOOD SERVICE, MECHANICAL, ELECTRICAL, PLUMBING/FIRE PROTECTION DOCUMENTS. |
| 9. | GENERAL CONTRACTOR SHALL COORDINATE "ALL DEMOLITION" W/ EXISTING MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL & CIVIL. |
| 10. | GENERAL CONTRACTOR SHALL COORDINATE EXACT EXTENTS OF DEMOLITION W/ RENOVATION & NEW CONSTRUCTION. SEE ARCHITECTURAL, FOOD SERVICE, MECHANICAL, PLUMBING & ELECTRICAL DRAWINGS, NARRATIVES & SPECIFICATIONS FOR ADDITIONAL DEMOLITION W/ RESPECT TO RENOVATION/NEW CONSTRUCTION. |
| 11. | IF DOCUMENTS/SPECIFICATIONS DO NOT ADDRESS RENOVATION/NEW CONSTRUCTION WHERE DEMOLITION HAS OCCURRED, IT'S THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PATCH/MATCH &/OR REPAIR ADJACENT AREAS *AFFECTED BY DEMOLITION) TO PRE-EXISTING CONDITION PRIOR TO DEMOLITION. |
| 12. | GENERAL CONTRACTOR SHALL CONSULT W/ OWNER TO DETERMINE IF OWNER WISHES TO SALVAGE & RETAIN OWNERSHIP OF ITEM/S BEING DEMOLISHED. IT'S THE GENERAL CONTRACTOR'S RESPONSIBILITY TO MAKE EVERY EFFORT TO SALVAGE ITEM/S IN AREAS TO BE DEMOLISHED AT THE REQUEST OF THE OWNER. |

| DEMO PLAN KEYNOTES | |
|--------------------|--|
| D-1 | DEMOLISH EXISTING PARTITION IN ITS ENTIRETY TO EXTENTS INDICATED IN PREPARATION OF NEW CONSTRUCTION. COORD. W/ MECH., ELECT. & PLUMBING DWGS & SPECIFICATIONS |
| D-2 | REMOVE EXISTING DOOR, FRAMED & HARDWARE IN TIS ENTIRETY. TURN OVER TO OWNER IF REQUESTED BY THE OWNER. |
| D-3 | DEMOLISH EXISTING FLOORING TO FACE OF EXISTING CONCRETE SLAB & BASE IN ITS ENTIRETY. PREPARE EXISTING SURFACES FOR INSTALLATION OF NEW CONSTRUCTION |
| D-4 | DEMOLISH EXISTING RESTROOM FIXTURES, RESTROOM ACCESSORIES AND SHOWER |
| D-5 | REMOVE EXISTING WALL TILE TO FACE OF PARTITION MOUNTING SURFACE. PATCH AND OR REPAIR PARTITION SURFACE IN PREPARATION FOR NEW CONSTRUCTION/FINISHES. WALLS TO BE SUITABLE FOR INSTALLATION OF NEW FINISHES. GC TO PROVIDE SCOPE TO REPLACE ANY METAL STUDS AFFECTED IN DEMOLITION OF MATERIAL. |



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



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| Drawn By AM | Checked By JDG |
| Date 02/21/2025 | Job No. 24010 |
| Sheet Title DEMOLITION PLAN | |

ALPHA BLDG SET 06-24-2025

Sheet No.
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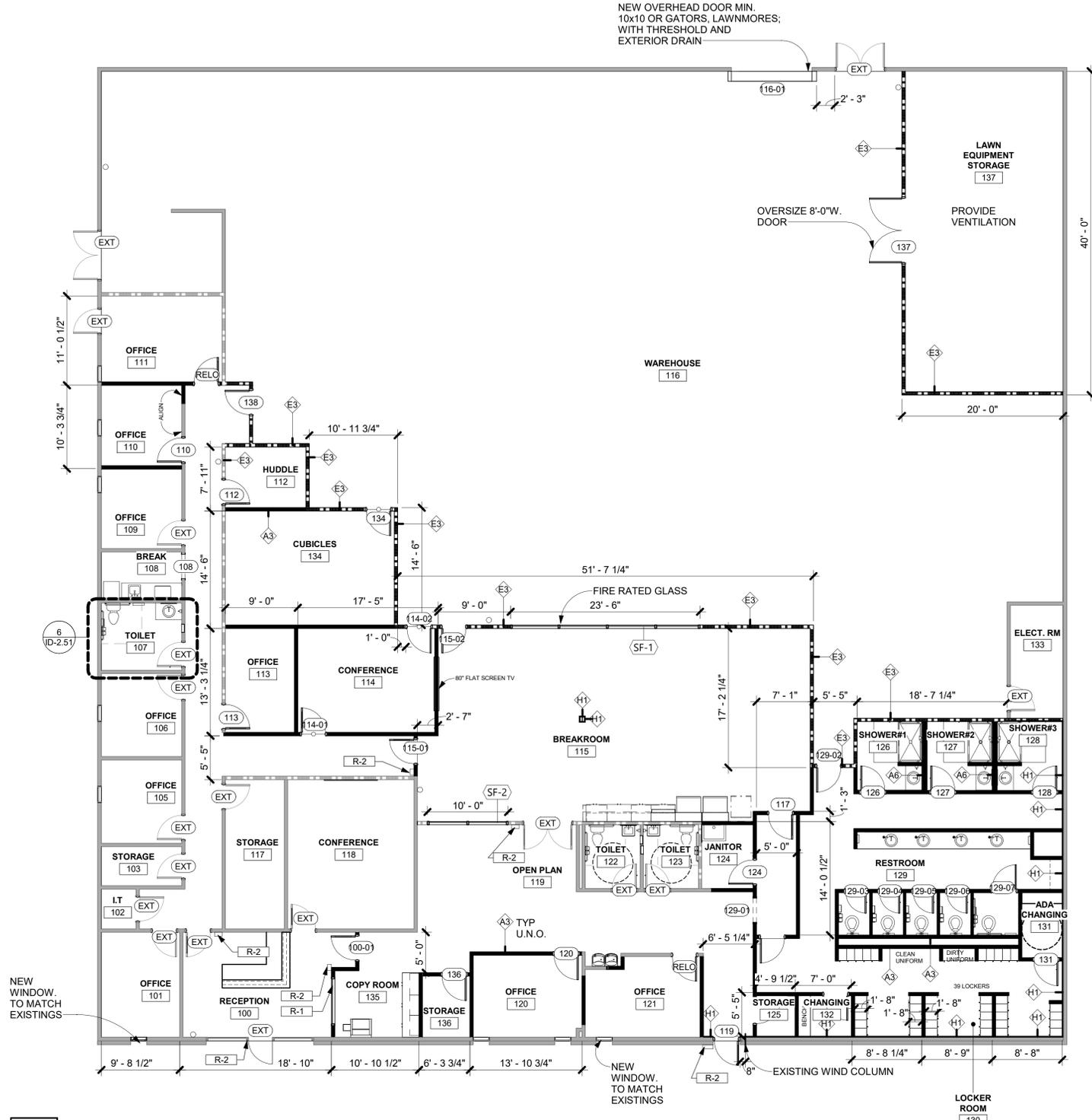
| KEY NOTES -REFERENCE PLAN | |
|---------------------------|---------------------------|
| KEY NOTE # | DESCRIPTION |
| R-1 | RELOCATED EXISTING WINDOW |
| R-2 | PROVIDE CARD READER |

- FLOOR PLAN GENERAL NOTES**
- ALL DOOR FRAMES IN METAL STUD WALLS SHALL BE SET 4" FROM PERPENDICULAR WALLS ADJACENT TO DOOR HINGE SIDE, U.N.O.
 - ALL DOOR FRAMES IN CMU WALLS SHALL BE SET 8" FROM PERPENDICULAR WALLS ADJACENT TO DOOR HINGE SIDE, U.N.O.
 - LOCATE CORNER GUARDS (C.G.) AS SHOWN ON THE PLANS.
 - THE FINISH ELEVATIONS OF EXIT LANDINGS SHALL NOT EXCEED A MAXIMUM OF 1/2" BELOW THRESHOLDS.
 - ALL INTERIOR NEW WALLS TO BE A3, U.N.O.

- GENERAL PARTITION NOTES**
- STUD DESIGN CRITERIA: ALL INTERIOR, NON-LOAD BEARING METAL STUDS SHALL BE 20 GAUGE (MIN.) UNLESS OTHERWISE NOTED. PROVIDE 5 PSF MIN. APPLIED LATERAL LOAD, L/240 MAX. DEFLECTION.
 - ALL FIRE RATED PARTITIONS MUST EXTEND AND SEAL TO STRUCTURE ABOVE.
 - INSTALLATION OF GYPSUM BOARD, BACKER BOARD AND BASE BOARD SHALL CONFORM TO REQUIREMENTS FOR FIRE RATINGS AND ACOUSTICAL RATINGS.
 - PROVIDE WATER RESISTANT TYPE GYPSUM BOARD AT AREAS THAT ARE NOTED IN ROOM FINISH SCHEDULE TO RECEIVE CERAMIC OR PORCELAIN TILE FINISH INCLUDING RESTROOMS.
 - PROVIDE 5/8" GYPSUM BOARD UNLESS OTHERWISE NOTED.
 - PROVIDE 5/8" TYPE X GYPSUM BOARD AT FIRE RATED PARTITIONS.
 - METAL STUD GAUGE (IF NOTED) AND UL TEST NUMBERS WILL VARY DEPENDING ON THE MANUFACTURER OF COMPONENTS ACTUALLY USED.
 - PENETRATIONS IN RATED PARTITIONS AND CONNECTIONS OF THE PARTITIONS TO OTHER PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED DETAILS AND IN COMPLIANCE WITH APPLICABLE TESTING AGENCY REQUIREMENTS.
 - INSTALL BLOCKING OR BACKER MATERIAL FOR ATTACHMENT / MOUNTING OF WALL HUNG ITEMS, ACCESSORIES, FIXTURES, FURNITURE OR EQUIPMENT DESCRIBED IN THE DOCUMENTS. PROVIDE BLOCKING TO MATCH THE OVERALL HEIGHT AND WIDTH OF ALL WALL MOUNTED MONITORS AND TVs.
 - WHEN INSTALLING GYPSUM BOARD, CONTRACTOR SHALL COMPLY WITH REQUIREMENTS OF THE MOST CURRENT EDITION OF THE GYPSUM ASSOCIATION "GA-600" FIRE RESISTANCE DESIGN MANUAL AND THE MOST CURRENT EDITION OF THE UL FIRE RESISTANCE DIRECTORY.
 - PARTITIONS THAT ARE REQUIRED TO EXTEND TO THE DECK ABOVE SHALL HAVE THE GYPSUM BOARD CUT TO FIT WITHIN A 1/4" MAXIMUM TOLERANCE TO THE SHAPE OF THE DECK ABOVE. GYPSUM BOARD SHALL BE CONTINUOUSLY SEALED FOR THE FULL DEPTH OF THE GYPSUM BOARD WITH FLEXIBLE SEALANT.
 - GYPSUM BOARD SHALL BE CUT SO THAT THE CLEARANCE BETWEEN METALLIC ELECTRICAL OUTLET BOXES AND THE GYPSUM BOARD DOES NOT EXCEED 1/8".
 - THE BOTTOM OF THE GYPSUM BOARD AT INTERIOR PARTITIONS SHALL BE 1/4" MINIMUM AND 1/2" MAXIMUM ABOVE THE CONCRETE FLOOR SLAB AND SHALL BE SEALED FOR THE FULL DEPTH OF THE GYPSUM BOARD WITH FLEXIBLE SEALANT.
 - REFER TO THE LIFE SAFETY FLOOR PLANS FOR EXTENT OF FIRE WALL RATINGS.
 - ALL ELEMENTS OF ACOUSTIC RATED PARTITIONS SHALL EXTEND TO ROOF STRUCTURE OR FLOOR DECK ABOVE.
 - PARTITION TYPES DESCRIBE GENERAL REQUIREMENTS FOR PARTITIONS. REFER TO THE MANUFACTURER'S SPECIFICATIONS AND REQUIREMENTS OF APPLICABLE TESTING AGENCIES FOR SPECIFICS OF PARTITION CONSTRUCTION.
 - WHERE A CLEAR DIMENSION OR OPENING IS REQUIRED OR NOTED, MEASURE DIMENSION TO FACE OF PARTITION FINISH.
 - PARTITION TYPES DESCRIBE GENERAL REQUIREMENTS FOR ALL WALL FINISHES.
 - ALL FIRE AND/OR SMOKE BARRIERS OR WALLS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING ABOVE A DECORATIVE CEILING AND OR IN CONCEALED SPACES WITH LETTERS A MINIMUM OF TWO (2) INCHES HIGH ON A CONTRASTING BACKGROUND SPACED A MAXIMUM OF TWELVE (12) FEET ON CENTER WITH A MINIMUM OF ONE PER WALL OR BARRIER IN ACCORDANCE WITH MODIFICATIONS OF THE 2018 STANDARD FIRE PREVENTION CODE, 120-3-3, CHAPTER 5 OF THE RULES AND REGULATIONS OF THE FIRE SAFETY COMMISSIONER. THE HOURLY RATING SHALL BE INCLUDED ON ALL RATED BARRIERS AND WALLS. SUGGESTED WORDING (-) HOUR FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS.



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

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REFERENCE PLAN -
LEVEL 1

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| KEY NOTES - CEILING PLAN | |
|--------------------------|--|
| KEY NOTE # | DESCRIPTION |
| C-1 | NEW RECESSES DOWNLIGHT TO BE CENTERED WITH THE EXISTING CORRIDOR LIGHTING |
| C-2 | EXISTING GYP. BOARD CEILING AND LIGHTING TO REMAIN. REPAVED DAMAGED OR NON WORKING EXISTING FIXTURES AS REQUIRED TO MATCH EXISTING |
| C-3 | EXISTING GYP. BOARD CEILING TO REMAIN. IF EXISTING LIGHTING LOCATION DOES NOT WORK WITH THE ROOM CONFIGURATION, EXISTING LIGHTING SHOULD BE RELOCATED AS SPECIFIED ON THE DRAWINGS |
| C-4 | EXISTING LIGHTING FIXTURES TO REMAIN |

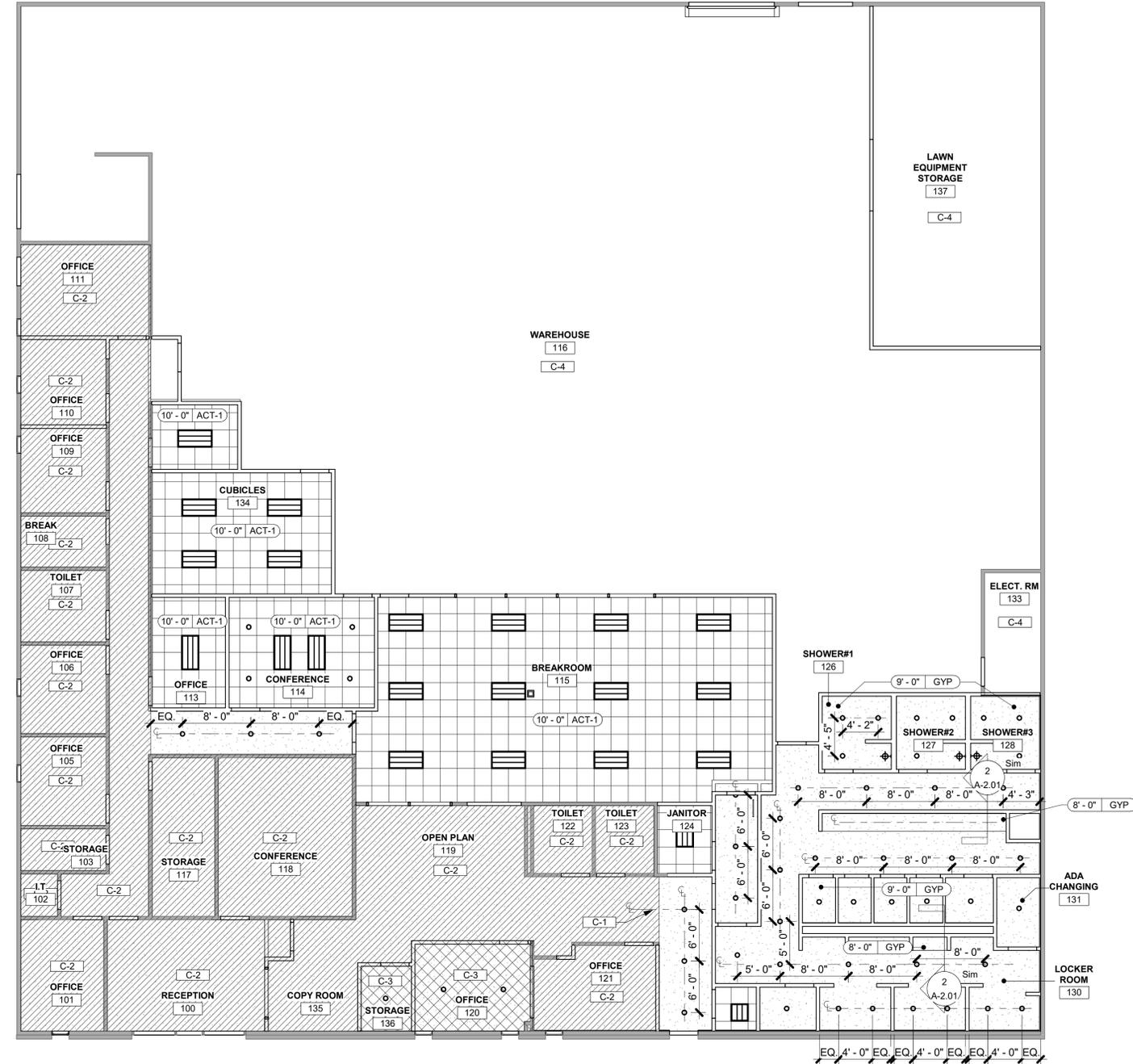
| RCP LEGEND | | | |
|------------|----------------------|--|---------------------|
| ○ | DOWN LIGHT | EXIT SIGNAGE (SHADING INDICATES FACE OF SIGN; ARROW SHOWN INDICATES DIRECTION) | |
| ○ | WET LABEL DOWN LIGHT | | |
| ⊕ | SCONCE | ⊗ | CEILING TAG |
| ▬ | 2X2 LAY-IN LIGHT | ▬ | GYP. BOARD CEILING |
| ▬ | 2X4 LAY-IN LIGHT | ▬ | LAY-IN CEILING GRID |

ACT-1: ACOUSTICAL CEILING TILE
MFR: ARMSTRONG, BASIS OF DESIGN
STYLE: CORTEGA ANGLED TEGULAR
MODEL NO: 704
EDGE: ANGLED TEGULAR
SIZE: 2' X 2' X 3/4"
COLOR: WHITE
GRID: 15/16" PRELUDE
COLOR: WHITE

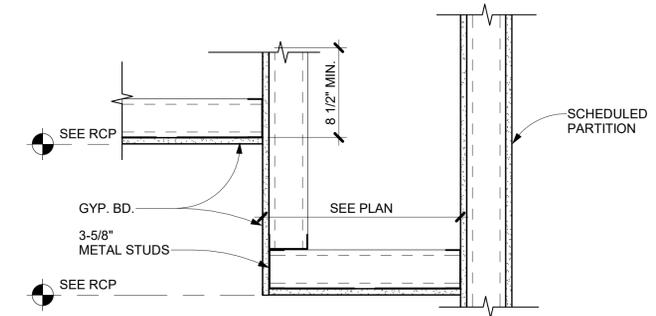
- RCP GENERAL NOTES**
- CONSTRUCTION PROFESSIONAL SHALL FIELD VERIFY ALL FIXTURE LOCATIONS. ANY CONFLICT WITH FIELD CONDITIONS, DRAWINGS AND/OR OTHER TRADES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY UPON DISCOVERY FOR CLARIFICATION PRIOR TO PROCEEDING WITH ASSOCIATED WORK.
 - PROVIDE AND INSTALL CEILING TILE, MAIN TEES, CROSS TEES, WALL MOULDINGS AND OTHER ACCESSORIES NECESSARY TO COMPLETE THE SCOPE OF WORK.
 - ALL ADJACENT LIGHT SWITCHES SHALL BE GANGED WITH A SINGLE FACE PLATE.
 - UNLESS APPROVED BY THE ARCHITECT, ALL THERMOSTATS SHALL BE LOCATED DIRECTLY ADJACENT TO THE LIGHT SWITCH IN THE ROOM IN WHICH IT OCCURS.
 - CENTER ALL SPRINKLER HEADS IN CEILING TILES WHERE POSSIBLE. ALL SPRINKLER HEADS IN GYP. BOARD TO BE RECESSED & CONCEALED.
 - CENTER ALL LIGHT FIXTURES IN SPACE, U.N.O. ALL RECESSED LIGHT FIXTURES SHALL BE CENTERED IN CEILING TILES WHERE POSSIBLE, U.N.O.
 - CONSTRUCTION PROFESSIONAL WILL ENSURE THAT LENSES IN LIGHTING FIXTURES ARE CLEAN AND FREE OF DUST, DIRT AND SMUDGES. PLASTIC AND LABELS SHALL BE REMOVED FROM ALL LIGHT FIXTURES AT PROJECT COMPLETION.
 - NO SUBSTITUTES WILL BE ACCEPTED FOR ANY LIGHT FIXTURES UNLESS APPROVED BY ARCHITECT IN WRITING.



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1 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

2 SOFFIT TO PARTITION
SCALE: 1 1/2" = 1'-0"

RCP SHOWN ON THIS DOCUMENT IS FOR GRAPHIC ILLUSTRATION ONLY AND SHALL NOT BE USED AS AN ACCURATE REPRESENTATION OF MECHANICAL, ELECTRICAL AND PLUMBING SCOPE OF WORK. REFERENCE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR SCOPE OF WORK.

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REFLECTED CEILING PLAN - LEVEL 1

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| FINISH LEGEND | | FINISH PLAN GENERAL NOTES | |
|--|--|--|--|
| <p>FLOORING</p> <p>CPT-1: CARPET TILE MFR: INTERFACE COLLECTION: MODERN TRIO DOT 2 DOT COLOR: CHARCOAL SIZE: 9.85" X 39.38" INSTALL: ASHLAR</p> <p>CPT-1: CARPET TILE MFR: INTERFACE COLLECTION: MODERN TRIO DOT O-MINE COLOR: CHARCOAL SIZE: 9.85" X 39.38" INSTALL: ASHLAR</p> <p>SC-1: SEALED CONCRETE TO MATCH EXISTING (CONCRETE TO BE CLEANED AND SEALED)</p> <p>FT-1: FLOOR TILE MFR: STP TILE SERIES: STRATIONS COLOR: GREY SIZE: 12" x 24 GROUT: MAPEI PEWTER - SANDED</p> <p>BASE</p> <p>B-1: WALL BASE MFR: TARKETT STYLE: 4" COVE COLOR: BURNT UMBER B 63 LOCATION: AS SPECIFIED</p> <p>TB-1: TILE BASE MFR: STP TILE SERIES: STRATIONS COLOR: GREY SIZE: 6" x 24 GROUT: MAPEI PEWTER - SANDED</p> | | <p>WALLS</p> <p>P-1: GENERAL PAINT MFR: SHERWIN WILLIAMS, BASIS OF DESIGN COLOR: SW7649 SILVER PLATE FINISH: TWO (2) COATS LATEX EGG SHELL</p> <p>P-2: TRIM PAINT MFR: SHERWIN WILLIAMS, BASIS OF DESIGN COLOR: SW7649 SILVER PLATE FINISH: TWO (2) COATS LATEX SEMI-GLOSS; TYPICAL FOR ALL INTERIOR DOOR FRAMES & MISC. TRIM</p> <p>P-3: ACCENT PAINT MFR: SHERWIN WILLIAMS, BASIS OF DESIGN COLOR: SW7660 EARLY GREY FINISH: TWO (2) COATS LATEX</p> <p>P-4: ACCENT PAINT MFR: SHERWIN WILLIAMS, BASIS OF DESIGN COLOR: SW7619 LABRADORITE FINISH: TWO (2) COATS LATEX</p> <p>P-5: WHITEBOARD - ACCENT PAINT MFR: SHERWIN WILLIAMS, BASIS OF DESIGN COLOR: SW7649 SILVER PLATE FINISH: TWO (2) COATS WHITEBOARD PAINT</p> <p>WT-1: WALL TILE MFR: STP TILE SERIES: STRATIONS COLOR: WHITE SIZE: 6" x 24 GROUT: MAPEI - SANDED</p> <p>FRP-1: FIBERGLASS REINFORCED PLASTIC MFR: MARLITE, BASIS OF DESIGN PATTERN: SMOOTH SURFACE COLOR: S1005-A SIZE: 4'-0" X 8'-0" SHEETS CLASS: A PROVIDE WITH BATTEN AND CORNER GUARDS AS REQUIRED</p> <p>CEILINGS</p> <p>CP-1: CEILING PAINT / EXPOSED CEILING / SOFFIT MFR: SHERWIN-WILLIAMS, BASIS OF DESIGN COLOR: CEILING BRIGHT WHITE SW7007 FINISH: TWO (2) COATS LATEX FLAT</p> | |
| <p>PLASTIC LAMINATE AND COUNTERTOPS</p> <p>PL-1: PLASTIC LAMINATE MFR: WILSONART COLOR: LOFT OAK 7968K-12 FINISH: SOFTGRAIN INSTALL: CABINETS VERTICAL EDGES TO BE PVC EDGE BANDING TO MATCH PLASTIC LAMINATE; BY CHARTER INDUSTRIES, BASIS OF DESIGN</p> <p>PL-2: PLASTIC LAMINATE MFR: WILSONART COLOR: GRAPHITE 10657-60 FINISH: MATTE FINISH INSTALL: CABINETS VERTICAL EDGES TO BE PVC EDGE BANDING TO MATCH PLASTIC LAMINATE; BY CHARTER INDUSTRIES, BASIS OF DESIGN</p> <p>SS-1: SOLID SURFACE MFR: HI-MACS COLOR: AURORA GREY FINISH: POLISHED LOCATION: TRANSACTION TOP</p> <p>MISC.</p> <p>MT-1: METAL TRIM MFR: SCHLUTER STYLE: FINEC-SQ FINISH: STAINLESS STEEL</p> | | <ol style="list-style-type: none"> ALL INTERIOR FINISH SPECIFICATIONS ARE INCLUDED HEREIN OR IN THE ATTACHED SPECIFICATIONS IF APPLICABLE. DISCREPANCIES, OMISSIONS AND DISCONTINUED OR DELAYED MATERIALS ARE TO BE REPORTED TO THE DESIGN PROFESSIONAL IMMEDIATELY FOR RESOLUTION PRIOR TO PROCEEDING. THE DESIGN PROFESSIONAL IS NOT RESPONSIBLE FOR DISCREPANCIES OR OMISSIONS THAT ARISE DUE TO CHANGES BY ANOTHER PARTY AFTER INITIAL DRAWING ISSUANCE DATE UNLESS RECORDED AS A REVISION BY ARCHITECT. SUBSTITUTIONS OF FINISH MATERIALS MUST BE SUBMITTED IN WRITTEN FORM AND ACTUAL SAMPLES PROVIDED FOR REVIEW BY THE DESIGN PROFESSIONAL AND USER GROUP. CONSTRUCTION PROFESSIONAL MUST RECEIVE APPROVAL SIGNATURE BEFORE PROCEEDING. REVIEW OF SUBSTITUTIONS DUE TO A CHANGE IN THE ORIGINAL SCHEDULE OR BUDGET MAY BE CONSIDERED ADDITIONAL SERVICES. INSTALL ALL FINISH MATERIALS ACCORDING TO MANUFACTURER'S INSTRUCTIONS. REMEDIATION OF MOISTURE IN THE CONCRETE, AS IT RELATES TO THE FLOORING MATERIAL AND ITS INSTALLATION MUST BE STRICTLY ADHERED TO IN ORDER TO AVOID RISK OF VOIDING WARRANTY. ONLY ONE DYE-LOT OF EACH STYLE AND COLOR SPECIFIED IN THE FINISH SCHEDULE SHALL BE USED. REMOVE FINISH MATERIALS FROM PACKING AND ALLOW TO ACCLIMATE TO AREA OF INSTALLATION ACCORDING TO MANUFACTURER'S SPECIFICATIONS. ALL SURFACES WHICH ARE TO RECEIVE A FINISH APPLICATION SHALL BE COMPLETELY SMOOTH FOR SCHEDULE FINISH MATERIAL. ALL MISCELLANEOUS GRILLES, PLATES, ETC. OCCURRING ON WALLS OR CEILINGS ARE TO BE FINISHED TO MATCH WALL OR CEILING ON WHICH THEY OCCUR. CONSULT DESIGN PROFESSIONAL ON FINAL FINISH. ALL PAINTED SURFACES ARE TO RECEIVE ONE PRIME COAT AND A MINIMUM OF TWO FINISH COATS. APPLY ADDITIONAL COATS OF PRIME AND FINISH PAINT AS REQUIRED UNTIL EXISTING UNDERCOAT OR OTHER CONDITIONS ARE FULLY CONCEALED AND PAINT FILM IS OF A UNIFORM FINISH, COLOR AND APPEARANCE. REFER TO SPECIFICATION SECTION 099123 INTERIOR PAINTING FOR CLARIFICATION. PAINT FOR DOOR FRAMES AND DOORS WHEN APPLICABLE, WILL BE SHERWIN WILLIAMS PRO-CLASSIC WATERBORNE ACRYLIC SEMI-GLOSS B-31 SERIES, BASIS OF DESIGN. ALL CASEWORK TO BE STAINED, SHALL BE FABRICATED PER AWW STANDARDS, REFER TO SPECIFICATIONS FOR CLARIFICATION. USE MANUFACTURER'S RECOMMENDED WALLCOVERING ADHESIVE, PRIMER OR SIZING, AND SEALER AS SPECIFIED FOR THAT PARTICULAR WALLCOVERING. ADHESIVE MUST BE MILDEW-RESISTANT AND NON-STAINING TO THE WALLCOVERING. WHERE APPLIED OVER DRYWALL, ADHESIVE MUST BE STRIPPABLE SO AS TO NOT DAMAGE THE DRYWALL PAPER FACING UPON REMOVAL OF WALLCOVERING. ALL FABRIC WALLCOVERING IS TO BE BACKED FOR USE ON GYPSUM BOARD. INSTALL WALLCOVERING CONTINUOUSLY OVER INSIDE AND OUTSIDE CORNERS. OVERLAP SEAMS AND DOUBLE CUT TO ASSURE TIGHT CLOSURE. WRAP AT LEAST TWO INCHES (2") AROUND OUTSIDE CORNERS, INSTALL SEAMS VERTICALLY AND PLUMB. MATCH PATTERN AT SEAMS. REMOVE AIR BUBBLES, WRINKLES, BLISTERS, GLUE RESIDUE AND OTHER DEFECTS. PRIOR TO FLOORING INSTALLATIONS, PERFORM A CALCIUM CHLORIDE MOISTURE TEST TO ENSURE MOISTURE CONTENT MEETS MANUFACTURER'S ACCEPTABLE LEVELS. CONSTRUCTION PROFESSIONAL TO DOCUMENT AND MAINTAIN RECORDS. INSTALL CARPET USING PRESSURE SENSITIVE ADHESIVE FLOORING TRANSITIONS WILL OCCUR UNDER CENTERLINE OF DOOR IN CLOSED POSITION, U.N.O. WHERE FLOORING MATERIALS OF DIFFERING THICKNESSES MEET, LEVEL AS REQUIRED TO MEET ADA GUIDELINES AND SMOOTH AS REQUIRED. INSTALL CERAMIC, PORCELAIN AND STONE TILES WITH MANUFACTURER'S MINIMUM RECOMMENDED GROUT WIDTH, U.N.O.; GROUT TO BE SEALED INSTALL REDUCER STRIPS WHERE CARPET TRANSITIONS TO HARD FLOORING, U.N.O., INSTALL VINYL REDUCER STRIP TO MATCH SCHEDULED BASE. PAINT FIRE EXTINGUISHER CABINETS SEMI-GLOSS TO MATCH WALL ON WHICH IT OCCURS. BASE CABINET PLASTIC LAMINATE TOE KICKS TO MATCH CORRESPONDING BASE CABINET PLASTIC LAMINATE SPECIFICATION, U.N.O. ALL AREAS TO RECEIVE CARPET, RUBBER BASE, EGG SHELL WALL PAINT AND SEMI-GLOSS DOOR FRAME, U.N.O. ALL WET WALLS TO RECEIVE PROCELAIN TILES TO HAVE CEMENT BACKER BOARD SUBMIT SAMPLES OF ALL FINISH MATERIALS TO THE DESIGN PROFESSIONAL FOR APPROVAL PRIOR TO ORDERING MATERIALS AND COMMENCING WORK. SUBMIT ACTUAL COLOR AND FINISH OF PAINT ON 8-1/2" X 11" SAMPLES. WALLCOVERING SAMPLES MUST BE CUT FROM ACTUAL ROLL TO BE USED FOR INSTALLATION. SAMPLES OF NATURAL STONE OR OTHER MATERIAL WITH WIDE VARIATIONS SHALL COME FROM ACTUAL MATERIAL TO BE USED. PREPARE SURFACES FOR ACCEPTING OF FINISHES PER MANUFACTURER'S RECOMMENDATIONS. WHEN BASE IS CONTINUOUS OR TRANSITIONED ON AN OUTSIDE CORNER WHERE FLOOR MATERIALS OF DIFFERENT THICKNESSES OCCUR, SET BASE ON TOP OF LOWER FLOORING MATERIAL AND TRIM THE BOTTOM OF BASE AT THE HIGHER FLOORING SUCH THAT IT IS BOTH TIGHT TO THE FLOORING AND ALIGNS WITH THE BASE AT THE LOWER FLOORING AT THE TOP EDGE. NOTE: WOOD BASE TO BE INSTALLED AFTER FLOORING IS INSTALLED. PROVIDE BLOCKING IN AREAS DESIGNED TO RECEIVE OVERHEAD CABINETS, TV/ DISPLAY SCREENS AND MARKERBOARDS. IF DESIGN PROFESSIONAL'S WRITTEN DESCRIPTION OF COLOR NAME, NUMBER AND MANUFACTURER'S INFORMATION ARE IN CONFLICT, CONTACT DESIGN PROFESSIONAL FOR CLARIFICATION BEFORE ORDERING MATERIALS. ALL CASEWORK WITH TRANSACTION COUNTERS TO RECEIVE TOPS FABRICATED IN SOLID SURFACE, U.N.O. REFER TO INTERIOR ELEVATIONS FOR CLARIFICATION. ALL CASEWORK TO RECEIVE TOPS FABRICATED IN PLASTIC LAMINATE, U.N.O. REFER TO INTERIOR ELEVATIONS FOR CLARIFICATION. PROVIDE BLOCKING IN AREAS DESIGNATED TO RECEIVE OVERHEADS IN ALL OFFICES. TYPICAL CONDITION TO OCCUR AT WALL PARALLEL TO RETURN; REFER TO FINISH NOTE F-3 IN PLAN. COVERPLATES ON DEVICES TO BE STAINLESS STEEL WITH GRAY OR BLACK RECEPTACLES. ALL GYPSUM BOARD CEILINGS AND SOFFITS TO BE PAINTED CP-1. U.N.O. | |

| FINISH PLAN GENERAL NOTES | |
|---|--|
| <ol style="list-style-type: none"> REFER TO INTERIOR ELEVATIONS, WHICH IDENTIFY THE ROOM AND WALL (NORTH, SOUTH, EAST OR WEST) ON WHICH THE CABINETS ARE LOCATED. COORDINATE ALSO WITH FLOOR PLANS. SPECIALIZED CABINET SECTIONS ONLY ARE KEYPED OR NOTED ON CABINET ELEVATIONS. OTHER CABINET SECTIONS ILLUSTRATE TYPICAL CONSTRUCTION & NOT EVERY DOOR AND/OR DRAWER VARIATION IS SHOWN. ALL WORKSURFACES & COUNTERTOPS ARE PL-2 U.N.O. PROVIDE FINISHED END PANELS AND/OR END RETURNS AT OPEN ENDED CABINETS (INCLUDING KNEE SPACES). PROVIDE PLAM CLAD TRIM AND FILLER PANELS WHERE EQUIPMENT IS LOCATED WITHIN CABINET UNITS GLASS PANELS ARE 1/4" CLEAR TEMPERED GLAZING U.N.O. PROVIDE SIDE SPLASHES WHERE COUNTERTOPS ABUT WALLS AT SIDES - U.N.O. PROVIDE COUNTERTOP BRACE SUPPORTS AT 48" O.C. MAX. @ KNEE SPACES & LAVATORY COUNTERS, U.N.O. PROVIDE 3" DIA. GROMMETS AT BACK OF COUNTERTOPS EXACT LOCATION TO BE COORDINATED WITH THE OWNER IN THE FIELD AT THE TIME OF INSTALLATION. PROVIDE BLOCKING WITHIN PARTITION FOR ALL CABINETS ATTACHED TO WALLS. SEE DETAILS FOR ATTACHMENT DETAILS. PROVIDE ALL STRAIGHT RUN COUNTERTOPS THAT HAVE SINKS, WITH SEPARATE BACKSPLASH TO COUNTERTOP. FILE DRAWERS ARE NOTED ON ELEVATIONS. PROVIDE MINIMUM INSIDE CLEAR DIMENSIONS OF 13.5" WIDE BY 10.5" HIGH BY 20.5" DEEP. CABINET UNIT DEPTH IS AS SHOWN ON SECTION, U.N.O ON ELEVATION(S). FOR FIELD APPLIED MIRRORS, EXTEND MIRRORS FROM THE TOP OF COUNTERTOP SPLASH TO 6'-0" A.F.F., U.N.O. PROVIDE BOTTOM CLOSURE FOR FILLER PANELS AT TOE SPACES AND AT BOTTOM OF UPPER WALL CABINETS TO CLOSE OFF AND SEAL TIGHT ALL CONCEALED OPENINGS. ALL MILLWORK/CASEWORK TO BE PL-1 U.N.O. CABINET HARDWARE: <ul style="list-style-type: none"> A. DOOR HINGES TO BE BLUM 71T5580 CHROMED, CONCEALED, SELF-CLOSING. B. DRAWER SLIDES TO BE HEAVY DUTY ACCURIDE HAFELE #4034. C. DRAWER PULLS TO BE MCKETT DP55A STAINLESS STEEL OR APPROVED EQUALS D. MILLWORK REVEALS: PITTCO, VENEER CHANNEL, VPR75-38/38 ALL RECEPTION/WAITING MILLWORK TO BE PREMIUM GRADE ALL EXAM ROOM MILLWORK AND PLAM CASEWORK TO PER AWW STANDARDS. ALL CABINET/FILES TO BE LOCKABLE | |

| MILLWORK GENERAL NOTES | |
|---|--|
| <ol style="list-style-type: none"> REFER TO INTERIOR ELEVATIONS, WHICH IDENTIFY THE ROOM AND WALL (NORTH, SOUTH, EAST OR WEST) ON WHICH THE CABINETS ARE LOCATED. COORDINATE ALSO WITH FLOOR PLANS. SPECIALIZED CABINET SECTIONS ONLY ARE KEYPED OR NOTED ON CABINET ELEVATIONS. OTHER CABINET SECTIONS ILLUSTRATE TYPICAL CONSTRUCTION & NOT EVERY DOOR AND/OR DRAWER VARIATION IS SHOWN. ALL WORKSURFACES & COUNTERTOPS ARE PL-2 U.N.O. PROVIDE FINISHED END PANELS AND/OR END RETURNS AT OPEN ENDED CABINETS (INCLUDING KNEE SPACES). PROVIDE PLAM CLAD TRIM AND FILLER PANELS WHERE EQUIPMENT IS LOCATED WITHIN CABINET UNITS GLASS PANELS ARE 1/4" CLEAR TEMPERED GLAZING U.N.O. PROVIDE SIDE SPLASHES WHERE COUNTERTOPS ABUT WALLS AT SIDES - U.N.O. PROVIDE COUNTERTOP BRACE SUPPORTS AT 48" O.C. MAX. @ KNEE SPACES & LAVATORY COUNTERS, U.N.O. PROVIDE 3" DIA. GROMMETS AT BACK OF COUNTERTOPS EXACT LOCATION TO BE COORDINATED WITH THE OWNER IN THE FIELD AT THE TIME OF INSTALLATION. PROVIDE BLOCKING WITHIN PARTITION FOR ALL CABINETS ATTACHED TO WALLS. SEE DETAILS FOR ATTACHMENT DETAILS. PROVIDE ALL STRAIGHT RUN COUNTERTOPS THAT HAVE SINKS, WITH SEPARATE BACKSPLASH TO COUNTERTOP. FILE DRAWERS ARE NOTED ON ELEVATIONS. PROVIDE MINIMUM INSIDE CLEAR DIMENSIONS OF 13.5" WIDE BY 10.5" HIGH BY 20.5" DEEP. CABINET UNIT DEPTH IS AS SHOWN ON SECTION, U.N.O ON ELEVATION(S). FOR FIELD APPLIED MIRRORS, EXTEND MIRRORS FROM THE TOP OF COUNTERTOP SPLASH TO 6'-0" A.F.F., U.N.O. PROVIDE BOTTOM CLOSURE FOR FILLER PANELS AT TOE SPACES AND AT BOTTOM OF UPPER WALL CABINETS TO CLOSE OFF AND SEAL TIGHT ALL CONCEALED OPENINGS. ALL MILLWORK/CASEWORK TO BE PL-1 U.N.O. CABINET HARDWARE: <ul style="list-style-type: none"> A. DOOR HINGES TO BE BLUM 71T5580 CHROMED, CONCEALED, SELF-CLOSING. B. DRAWER SLIDES TO BE HEAVY DUTY ACCURIDE HAFELE #4034. C. DRAWER PULLS TO BE MCKETT DP55A STAINLESS STEEL OR APPROVED EQUALS D. MILLWORK REVEALS: PITTCO, VENEER CHANNEL, VPR75-38/38 ALL RECEPTION/WAITING MILLWORK TO BE PREMIUM GRADE ALL EXAM ROOM MILLWORK AND PLAM CASEWORK TO PER AWW STANDARDS. ALL CABINET/FILES TO BE LOCKABLE | |



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**CHAMBLEE PUBLIC WORKS
OFFICE RENOVATION**

CITY OF CHAMBLEE

 3220 CUMBERLAND DRIVE
CHAMBLEE, GEORGIA 30341

PRINT RECORD

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| Drawn By Author | Checked By Checker |
| Date 02/21/2025 | Job No. 24010 |

Sheet Title
FINISH SCHEDULE & GENERAL NOTES

Sheet No.
ID-1.01
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INTERIOR ELEVATION NOTES

- GENERAL CONTRACTOR TO COORDINATE EQUIPMENT OUTLINED IN "EQUIPMENT LEGEND" WITH OWNER & OWNER'S MEDICAL EQUIPMENT REPRESENTATIVE. THIS INCLUDES VERTICAL AND HORIZONTAL MOUNTING HEIGHTS OF ALL DEVICES, COORDINATION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING. THE ARCHITECT SHALL RECEIVE SHOP DRAWINGS SHOWING FINALIZED SELECTION OF EQUIPMENT AND SPECIFIC MODEL NUMBERS REVIEWED BY DESIGN TEAM/ENGINEERS PRIOR TO PROCEEDING WITH SCOPE OF WORK.
- ELECTRICAL OUTLETS ARE ONLY SHOWN FOR COORDINATION WITH EQUIPMENT, SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
- LOW VOLTAGE BY OWNER'S REPRESENTATIVE.
- FURNITURE SHOWN IS TO BE PROVIDED BY OWNER U.N.O. GENERAL CONTRACTOR TO COORDINATE WITH OWNER ON DELIVERY SCHEDULE.

TOILET ACCESSORY SCHEDULE

| TAG NO. | DESCRIPTION | MANUFACTURER | MODEL | FURNISHED BY | | INSTALLED BY | | COMMENTS |
|---------|---|---------------------------|----------------------|--------------|-------|--------------|-------|----------|
| | | | | CONTRACTOR | OWNER | CONTRACTOR | OWNER | |
| TA-04 | LAVATORY MOUNTED SOAP DISPENSER | BOBRICK | B-82216 | X | | X | | |
| TA-10 | COAT HOOK | AMERICAN SPECIALTIES INC. | 0714 | X | | X | | |
| TA-A-01 | 1-1/2" DIA, 36 x 42 ADA GRAB BARS | BOBRICK | B-6806x36; B-6806x42 | X | | X | | |
| TA-B-01 | WALL MOUNTED SOAP DISPENSER | BOBRICK | B-4069 | X | | X | | |
| TA-C-01 | TOWEL DISPENSER/WASTE RECEPTACLE - RECESSED | BOBRICK | B-369 | X | | X | | |
| TA-C-03 | SURFACE MOUNTED TOWEL DISPENSER | BOBRICK | B-262 | X | | X | | |
| TA-D-08 | CHANNEL-FRAME MIRROR 24x36 | BOBRICK | B-165 2436 | X | | X | | |
| TA-E-02 | JUMBO ROLL TOILET PAPER DISPENSER | BOBRICK | B-2892 | X | | X | | |
| TA-F-01 | SURFACE MOUNTED SEAT-COVER DISPENSER | BOBRICK | B-221 | X | | X | | |
| TA-F-03 | SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL | BOBRICK | B-254 | X | | X | | |

MILLWORK GENERAL NOTES

- REFER TO INTERIOR ELEVATIONS, WHICH IDENTIFY THE ROOM AND WALL (NORTH, SOUTH, EAST OR WEST) ON WHICH THE CABINETS IS LOCATED. COORDINATE ALSO WITH FLOOR PLANS.
- SPECIALIZED CABINET SECTIONS ONLY ARE KEYED OR NOTED ON CABINET ELEVATIONS. OTHER CABINET SECTIONS ILLUSTRATE TYPICAL CONSTRUCTION & NOT EVERY DOOR AND/OR DRAWER VARIATION IS SHOWN.
- ALL WORKSURFACES & COUNTERTOPS ARE PL-2 U.N.O.
- PROVIDE FINISHED END PANELS AND/OR END RETURNS AT OPEN ENDED CABINETS (INCLUDING KNEE SPACES).
- PROVIDE PLAM CLAD TRIM AND FILLER PANELS WHERE EQUIPMENT IS LOCATED WITHIN CABINET UNITS.
- GLASS PANELS ARE 1/4" CLEAR TEMPERED GLAZING U.N.O.
- PROVIDE SIDE SPLASHES WHERE COUNTERTOPS ABUT WALLS AT SIDES - U.N.O.
- PROVIDE COUNTERTOP BRACE SUPPORTS AT 48" O.C. MAX. @ KNEE SPACES & LAVATORY COUNTERS, U.N.O.
- PROVIDE 3" DIA. GROMMETS AT BACK OF COUNTERTOPS EXACT LOCATION TO BE COORDINATED WITH THE OWNER IN THE FIELD AT THE TIME OF INSTALLATION.
- PROVIDE BLOCKING WITHIN PARTITION FOR ALL CABINETS ATTACHED TO WALLS. SEE DETAILS FOR ATTACHMENT DETAILS.
- PROVIDE ALL STRAIGHT RUN COUNTERTOPS THAT HAVE SINKS, WITH SEPARATE BACKSPLASH TO COUNTERTOP.
- FILE DRAWERS ARE NOTED ON ELEVATIONS. PROVIDE MINIMUM INSIDE CLEAR DIMENSIONS OF 13.5" WIDE BY 10.5" HIGH BY 20.5" DEEP.
- CABINET UNIT DEPTH IS AS SHOWN ON SECTION, U.N.O ON ELEVATION(S).
- FOR FIELD APPLIED MIRRORS, EXTEND MIRRORS FROM THE TOP OF COUNTERTOP SPLASH TO 6'-0" A.F.F. U.N.O.
- PROVIDE BOTTOM CLOSURE FOR FILLER PANELS AT TOE SPACES AND AT BOTTOM OF UPPER WALL CABINETS TO CLOSE OFF AND SEAL TIGHT ALL CONCEALED OPENINGS.
- ALL MILLWORK/CASEWORK TO BE PL-1 U.N.O.

CABINET HARDWARE:

- DOOR HINGES TO BE BLUM 71T5580 CHROMED, CONCEALED, SELF-CLOSING.
- DRAWER SLIDES TO BE HEAVY DUTY ACCURIDE HAFELE #4034.
- DRAWER PULLS TO BE MOCKETT DP55A STAINLESS STEEL OR APPROVED EQUALS.
- MILLWORK REVEALS: PITTCO, VENEER CHANNEL, VPR75-38/38

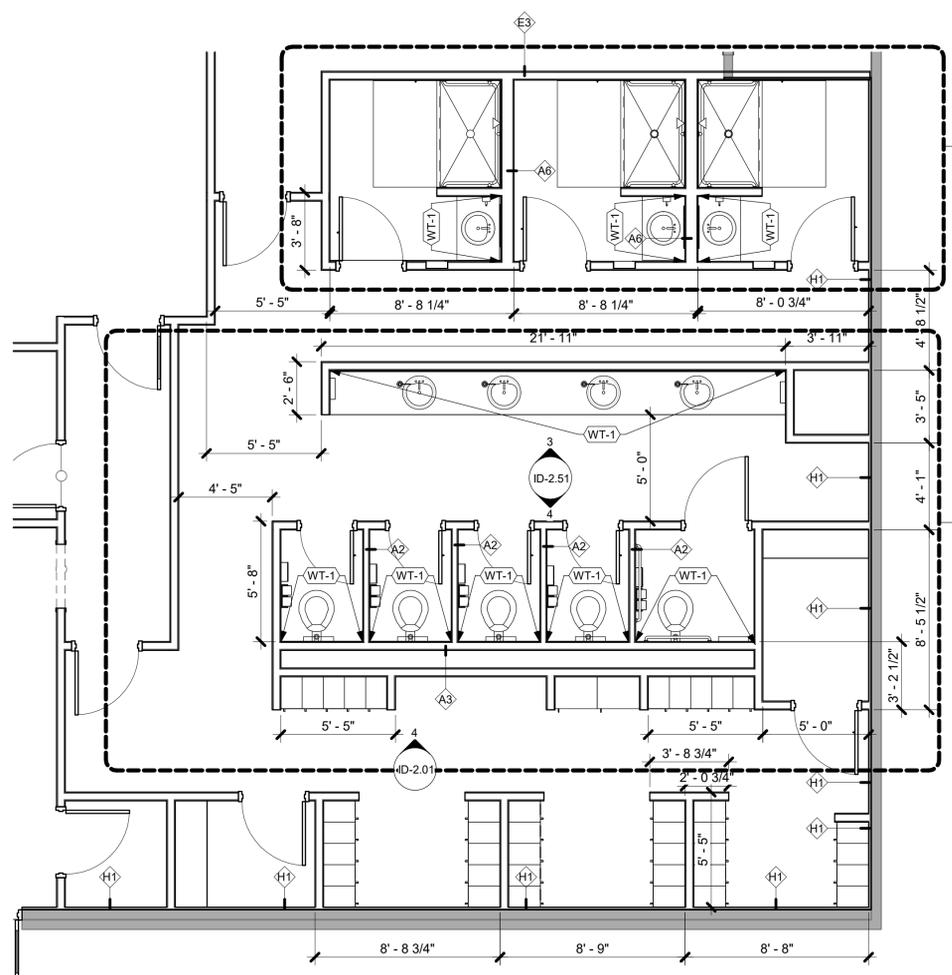
ALL RECEPTION/WAITING MILLWORK TO BE PREMIUM GRADE

ALL EXAM ROOM MILLWORK AND P-LAM CASEWORK TO PER AWI STANDARDS.

ALL CABINET/FILES TO BE LOCKABLE

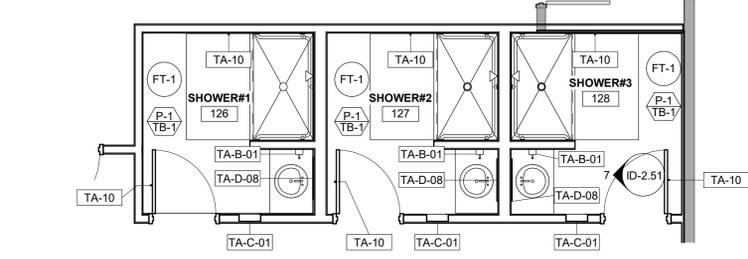


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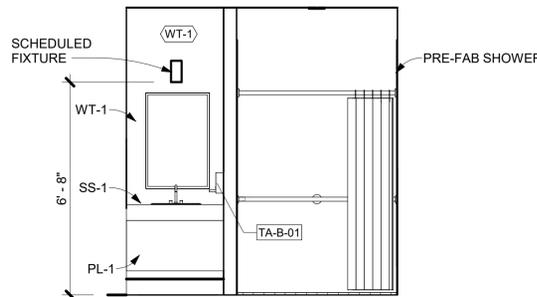
1 RESTROOM #129 ENLARGED PLAN

SCALE: 1/4" = 1'-0"



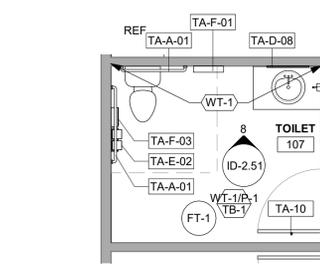
5 ENLARGED SHOWER ROOMS

SCALE: 1/4" = 1'-0"



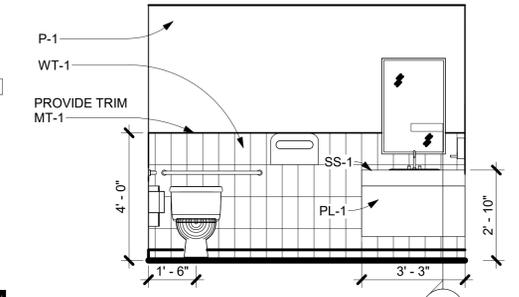
7 SHOWER ROOM - ELEVATION A

SCALE: 3/8" = 1'-0"



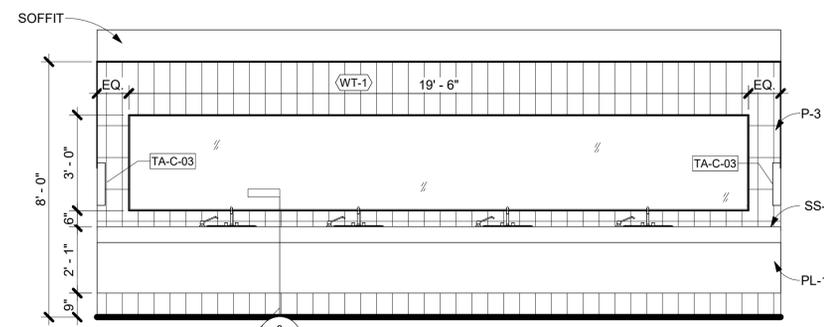
6 PRIVATE RESTROOM

SCALE: 1/4" = 1'-0"



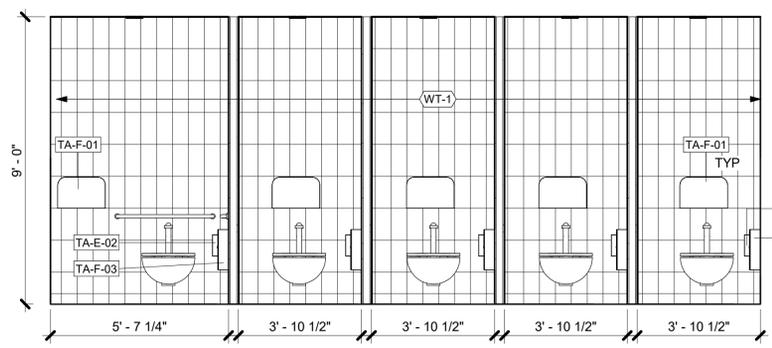
8 RESTROOM #107

SCALE: 3/8" = 1'-0"



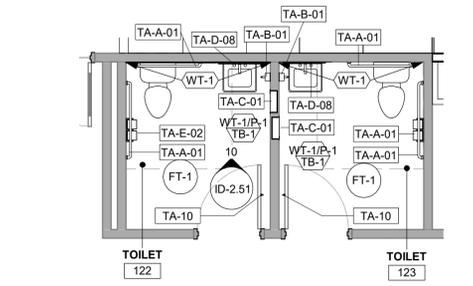
3 RESTROOM ELEVATION - A

SCALE: 3/8" = 1'-0"



4 RESTROOM ELEVATION - B

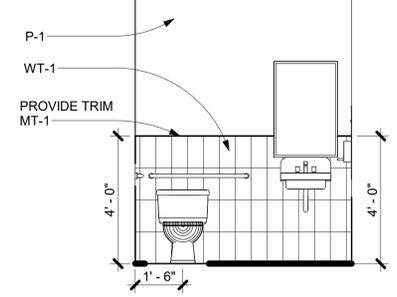
SCALE: 3/8" = 1'-0"



9 SINGLE TOILETS #122 & 123

SCALE: 1/4" = 1'-0"

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10 SINGLE TOILETS #122 & 123 - ELEV.

SCALE: 3/8" = 1'-0"

**CHAMBLEE PUBLIC WORKS
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Date 02/21/2025 **Job No.** 24010

Sheet Title
**ENLARGED FINISH
PLANS &
ELEVATIONS**

Sheet No.

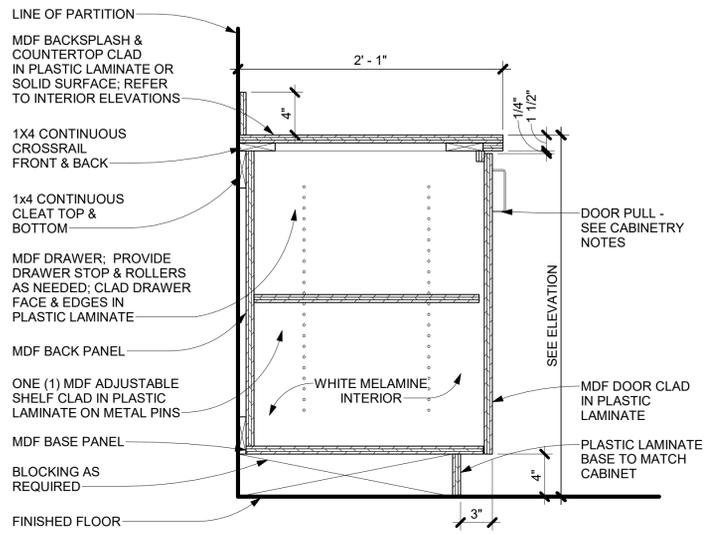
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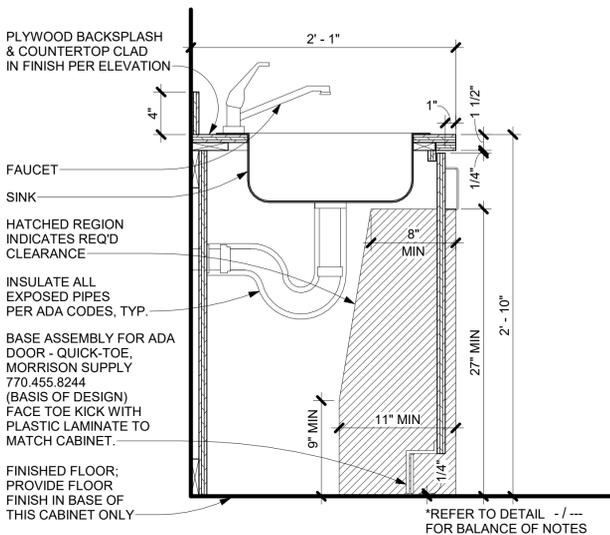
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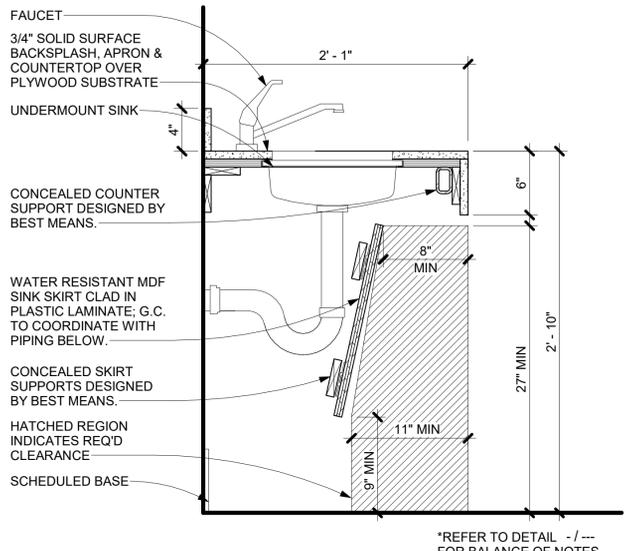
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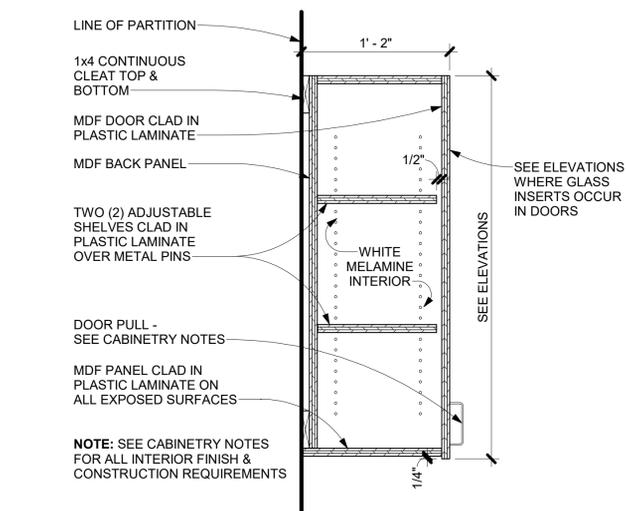
1 BASE CABINET - DOOR
SCALE: 1 1/2" = 1'-0"



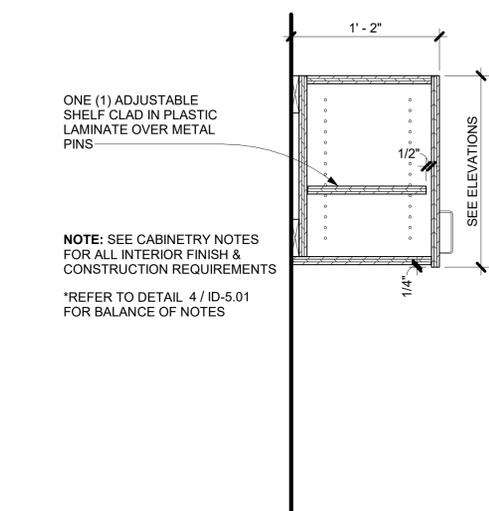
2 BASE CABINET - ACCESSIBLE SINK
SCALE: 1 1/2" = 1'-0"



3 COUNTERTOP - ACCESSIBLE SINK
SCALE: 1 1/2" = 1'-0"

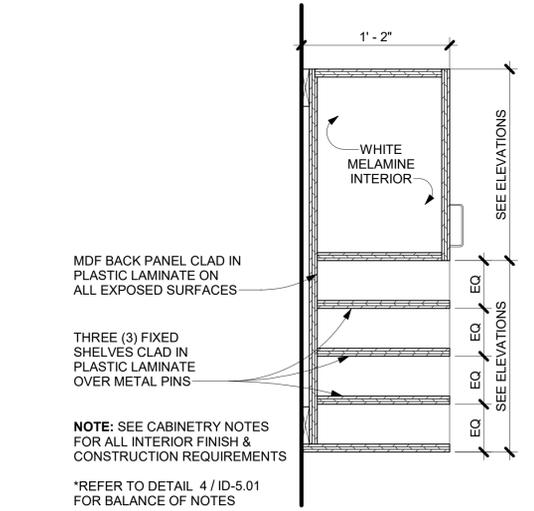


4 UPPER CABINET - DOOR
SCALE: 1 1/2" = 1'-0"

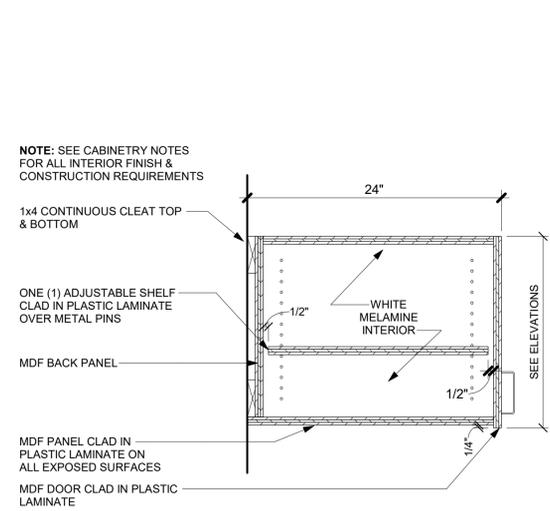


5 UPPER CABINET - DOOR OVER SINK
SCALE: 1 1/2" = 1'-0"

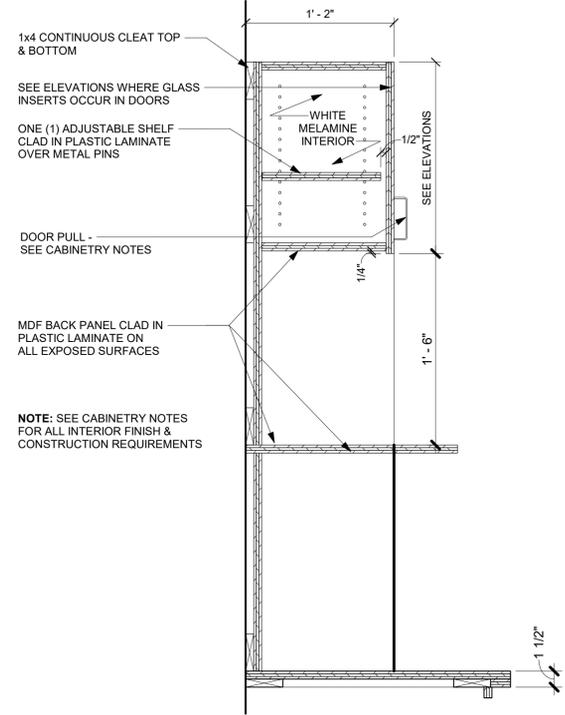
ALPHA BLDG SET 06-24-2025



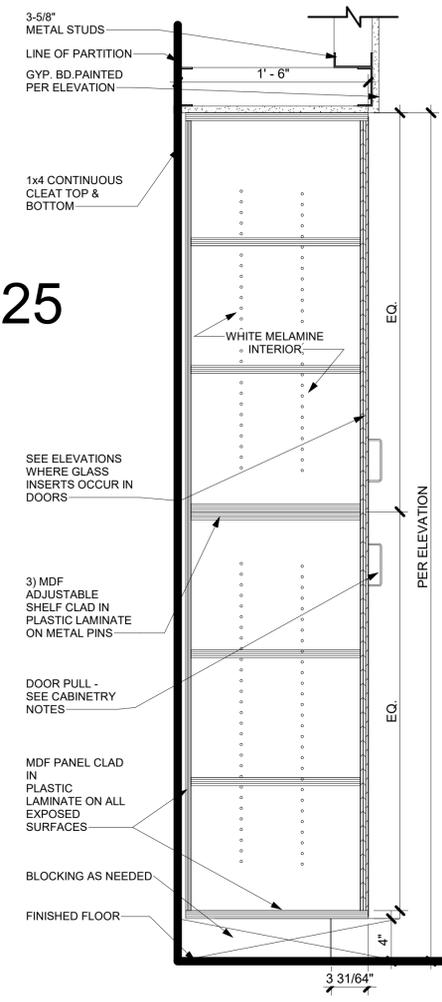
7 UPPER CABINET - DOOR & SLOTS
SCALE: 1 1/2" = 1'-0"



8 UPPER CABINET - CUBBIES
SCALE: 1 1/2" = 1'-0"



9 UPPER CABINET - CUBBIES
SCALE: 1 1/2" = 1'-0"



6 TALL CABINET
SCALE: 1 1/2" = 1'-0"

CHAMBLEE PUBLIC WORKS OFFICE RENOVATION

CITY OF CHAMBLEE
3220 CUMBERLAND DRIVE
CHAMBLEE, GEORGIA 30041

PRINT RECORD

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Sheet Title INTERIOR SECTIONS & DETAILS

Sheet No.
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| SPECIALTY EQUIPMENT (S-) | | | | | | |
|--------------------------|------------------------------|--------------|-------|--------------|-------|-------------------|
| TAG NO. | DESCRIPTION | FURNISHED BY | | INSTALLED BY | | NOTES |
| | | CONTRACTOR | OWNER | CONTRACTOR | OWNER | |
| SE-1 | MICROWAVE | X | | X | | |
| SE-2 | REFRIGERATOR | X | | X | | |
| SE-3 | ICE MACHINE | X | | X | | |
| SE-5 | MULTIFUNCTION PRINTER/COPIER | | X | | X | |
| SE-6 | DIGITAL SCREEN 60" DIAG | | X | | X | SEE AV & LV DWGS. |
| SE-7 | SMALL REFRIGERATOR | X | | X | | |
| SE-LK1 | 2 TIER LOCKER | X | | X | | |



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ALPHA BLDG SET 06-24-2025

1 FURNITURE AND EQUIPMENT PLAN
SCALE: 1/8" = 1'-0"

FURNITURE, FIXTURE & EQUIPMENT GENERAL NOTES

1. GENERAL CONTRACTOR TO COORDINATE SCHEDULED ITEMS WITH OWNER AND OWNER'S EQUIPMENT REPRESENTATIVE. THIS INCLUDES VERTICAL AND HORIZONTAL MOUNTING HEIGHTS OF ALL DEVICES, COORDINATION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING.
2. LOW VOLTAGE BY OWNER'S EQUIPMENT REPRESENTATIVE, U.N.O.
3. FURNITURE & EQUIPMENT SHOWN HATCHED IS TO BE PROVIDED BY OWNER.
4. GENERAL CONTRACTOR TO COORDINATE WITH OWNER/OWNER REPRESENTATIVE ON DELIVERY SCHEDULE AND INSTALLATION FOR ALL FFE.
5. FURNITURE TO RECEIVE FINAL CONNECTIONS FROM LOW-VOLTAGE CONTRACTOR TO ALL FURNITURE REQUIRING ELECTRICAL SUCH AS TABLES, WORKSTATIONS, CONFERENCE TABLES, ETC.

**CHAMBLEE PUBLIC WORKS
OFFICE RENOVATION**

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**Sheet Title
FURNITURE & EQUIPMENT PLAN**

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| LEGEND - PLUMBING | | |
|-------------------|--------|---|
| SYMBOLS | ABBRV. | DESCRIPTION |
| --- | S OR W | SANITARY OR WASTE PIPING BELOW FLOOR OR GRADE |
| --- | S OR W | SANITARY OR WASTE ABOVE GROUND |
| | V | VENT PIPING |
| --- | CW | DOMESTIC COLD WATER |
| --- | HW | DOMESTIC HOT WATER |
| --- | HW/R | HOT WATER REGULATE |
| --- | G | NATURAL GAS PIPING |
| ○ | VTR | SANITARY VENT THROUGH ROOF |
| ○ | FD | FLOOR DRAIN |
| HD | HD | HUB DRAIN |
| | CO | CLEANOUT |
| ○ | FCO | FLOOR CLEANOUT |
| ○ | WCO | WALL CLEANOUT |
| + | NFWH | NON FREEZE WALL HYDRANT |
| ○ | BV | BALL VALVE |
| — — | CV | CHECK VALVE |
| ○ | BC | BALANCING COCK OR VALVE |
| ○ | WHA | WATER HAMMER ARRESTOR (F.D.I. SIZE) |
| — — | BFP | BACKFLOW PREVENTER ASSEMBLY |
| — — | RPZ | REDUCED PRESSURE ZONE (BFP) |
| — — | FRV | PRESSURE REDUCING VALVE |
| T & P | T & P | TEMPERATURE AND PRESSURE RELIEF VALVE |
| TP | TP | TRAP PRIMER |
| ○ | | PRESSURE GAUGE WITH GAUGE COCK |
| ○ | | THERMOMETER |
| — — | | UNION |
| — — | | STRAINER |
| IE | IE | INVERT ELEVATION |
| → | | DIRECTION OF FLOW IN PIPE |
| ↘ | | DIRECTION OF PITCH OF PIPE |
| — — | | CONNECT TO EXISTING |
| (X) | | REFER TO PLUMBING KEYNOTES |
| ~ | | CONTINUE TO DESIGNATED LOCATION |
| AFG | AFG | ABOVE FINISHED GRADE |
| BFF | BFF | BELOW FINISHED FLOOR |
| BFG | BFG | BELOW FINISHED GRADE |
| A/C | A/C | ABOVE CEILING |
| A/F | A/F | ABOVE FLOOR |
| B/F | B/F | BELOW FLOOR |
| B/G | B/G | BELOW GRADE |
| AFF | AFF | ABOVE FINISHED FLOOR |
| O/H | O/H | OVERHEAD |
| HD | HD | HUB DRAIN |
| ○ | | P-TRAP |
| ○ | | PIPING UP |
| ○ | | PIPING DOWN |
| ○ | | PIPING TEE |
| P-1 | | PLUMBING FIXTURE DESIGNATION |
| °F | °F | DEGREE FAHRENHEIT |
| FT | FT | FOOT |
| GPM | GPM | GALLONS PER MINUTE |
| RPM | RPM | REVOLUTIONS PER MINUTE |
| ENT. | ENT. | ENTERING |
| LVG. | LVG. | LEAVING |
| PSI | PSI | POUNDS PER SQUARE INCH |
| PH | PH | PHASE |
| GPH | GPH | GALLONS PER HOUR |
| EFF | EFF | EFFICIENCY |
| HP | HP | HORSE POWER |
| GAL | GAL | GALLON |
| CFH | CFH | CUBIC FEET PER HOUR |
| IN | IN | INCH |
| CD | CD | CONDENSATE |

| SHEET LIST PLUMBING | |
|---------------------|--|
| SHEET NUMBER | SHEET NAME |
| P-0.01 | LEGENDS & SCHEDULES - PLUMBING |
| P-0.02 | DETAILS - PLUMBING |
| P-1.01 | DEMOLITION PLAN - PLUMBING |
| P-1.02 | FLOOR PLAN - PLUMBING |
| P-1.03 | ENLARGED FLOOR PLANS - DOMESTIC WATER |
| P-1.04 | ENLARGED FLOOR PLANS - SANITARY & VENT |
| P-2.01 | ISOMETRIC VIEW - SANITARY & VENT |

PLUMBING NOTES:
SEE SHEET P-0.01 FOR PLUMBING GENERAL NOTES.

| PLUMBING FIXTURE SCHEDULE | | | | | | |
|---------------------------|--|------|------|-------|--------|--|
| TAG | FIXTURE | CW | HW | WASTE | VENT | SPECIFICATION |
| WC-1 | WATER CLOSET - WALL MTD | 1" | N/A | 4" | 2" | KOHLER 84325-0 (1.28 GPF) W/ BEMIS 1655CT SEAT, MOEN 8310 (1.28 GPF) MANUAL FLUSH VALVE, WALL MOUNTED CARRIER |
| WC-2 | WATER CLOSET - WALL MTD - ADA | 1" | N/A | 4" | 2" | KOHLER 84325-0 (1.28 GPF) W/ BEMIS 1655CT SEAT, MOEN 8310 (1.28 GPF) MANUAL FLUSH VALVE, WALL MOUNTED CARRIER ADA COMPLIANT INSTALLATION |
| WC-3 | WATER CLOSET - FLR MTD. TANK - ADA | 1" | N/A | 4" | 2" | KOHLER K-3935 (1.28 GPF) W/ BEMIS 1655CT SEAT, ROUGH TANK CHOPLETE W/ COUPLING COMPONENTS, FLOOR MOUNTED ADA HEIGHT |
| LV-1 | LAVATORY - UNDERMOUNT - ADA | 1/2" | 1/2" | 2" | 1-1/2" | KOHLER K-2210 UNDERMOUNT LAVATORY W/ MOEN 8425 (0.5 GPM) FAUCET, ASSE 1010 TMY, GRID STRAINER 1-1/4" X 1-1/2" P-TRAP, INSULATION KIT, ASSE 1010 TMY SUPPLY STOPS, & ADA COMPLIANT INSTALLATION |
| LV-2 | LAVATORY - WALL MOUNTED - ADA | 1/2" | 1/2" | 2" | 1-1/2" | KOHLER K-1178 WALL MOUNTED LAVATORY W/ MOEN 8425 (0.5 GPM) FAUCET, GRID STRAINER 1-1/4" X 1-1/2" P-TRAP, INSULATION KIT, SUPPLY STOPS, WALL MOUNTED CARRIER W/ FLOOR MOUNTED UPRIGHTS & ADA COMPLIANT INSTALLATION |
| BK-1 | SINGLE COMP. SINK - BREAK ROOM | 1/2" | 1/2" | 2" | 1-1/2" | ELKAY STAINLESS STEEL SINK LRAD219, MOEN 8192 DECK MTD. FAUCET, W/ 4" CENTERS AND SPRAYER. PROVIDE P-TRAP, TAILPIECE AND WATER STOPS. |
| MS-1 | MOP SINK | 1/2" | 1/2" | 3" | 1-1/2" | WILLIAMS 98-902 RECEPTOR W/ MOEN 8124 VACUUM BREAK FAUCET, TILING FLANGE, & SPLASH CATCHER PANELS |
| SH-1 | SHOWER | 1/2" | 1/2" | 3" | 1-1/2" | "ARRAY" 9P3260C SHOWER PAN & WALL PANELS W/ CENTER DRAIN, WITH MOEN 8310 SHOWER HANDLE, MOEN 5204GRIBS GRAB BAR FAUCET, 1.5 GPM, W/ SLIDE BAR HANDSHOWER. PROVIDE 3" FLOOR DRAIN WITH TRAP PRIMER |
| DF-1 | DRINKING FOUNTAIN W/ BOTTLE FILLER - ADA | 1/2" | N/A | 2" | 1-1/2" | ELKAY L29TLB9LFP DUAL LEVEL DRINKING FOUNTAIN W/ BOTTLE FILLER, ELKAY LKAPREZL CANE APRON, 1-1/4" P-TRAP, SUPPLY STOP & ELECTRIC WATER COOLER W/ ADA COMPLIANT INSTALLATION |
| WB-1 | WATER CONNECTION BOX | 1/2" | N/A | N/A | N/A | OATEY 39140 ICE MAKER BOX. 1/4 TURN BRASS HAMMER BALL VALVE, WATER HAMMER ARRESTOR, LOW LEAD, COPPER SWEAT. PROVIDE BACK FLOW PREVENTION |
| NFWH | NON-FREEZE WALL HYDRANT | 3/4" | N/A | N/A | N/A | WOODFORD B65 SERIES, FLUSH MOUNT, RECESSED BOX, SELF-DRAINING, VACUUM BREAKER, LOCKABLE |
| ED | FLOOR DRAIN | N/A | N/A | 5" | N/A | JR SMITH 2000 WITH 6" TYPE B SQUARE ADJUSTABLE STRAINER WITH SATIN NICKEL BRONZE FINISH. PROVIDE WITH VANDAL PROOF SECURED TOP AND TRAP PRIMER |
| EGO | FLOOR CLEAN OUT | N/A | N/A | N/A | N/A | JR SMITH 4091 WITH TAPER THREAD BRONZE PLUG AND ROUND ADJUSTABLE SCORRIATED SECURED NICKEL BRONZE TOP. |
| EX | EXISTING PLUMBING FIXTURE | N/A | N/A | N/A | N/A | EXISTING PLUMBING FIXTURE |

| ELECTRIC WATER HEATER SCHEDULE | | | | | | | | | | |
|--------------------------------|------------|----------------|----------|-------|----------------|-----------------|-------------|-----------------|-------|--|
| TAG | TANK (GAL) | NO. OF HEATERS | TOTAL KW | V/Ø | RECOVERY (GPH) | TEMP. RISE (°F) | SUPPLY (°F) | BASIS OF DESIGN | NOTES | |
| WH-1 | 50 | 3 | 123 | 200/3 | 63 | 80 | 140 | AO SMITH DRE | 1 | |

NOTES:
1: DISCONNECT SWITCH FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.

| HOT WATER CIRCULATING PUMP SCHEDULE | | | | | | | | | | |
|-------------------------------------|-----------------------|--------------------|-----------|-----|-------|-------|---------|---------------------|-------|--|
| TAG | TYPE | SERVICE | HEAD (FT) | GPM | WATTS | RPM | VOLT/PH | BASIS OF DESIGN | NOTES | |
| RFP-1 | CLOSED-COUPLE IN-LINE | DOMESTIC HOT WATER | 10 | 4 | 90 | 3,000 | 120/1 | BELL & GOSSETT: NBF | 1 2 3 | |

NOTES:
1: DISCONNECT SWITCH FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
2: MOTOR SHALL BE PREMIUM EFFICIENCY.
3: BODY SHALL BE LEAD FREE BRONZE OR STAINLESS STEEL CONSTRUCTION.

| MIXING VALVE SCHEDULE | | | | | | | |
|-----------------------|-----------------|-----------------|------------------|-----------------------|-----------------------|-----------------|-------|
| TAG | MIN. FLOW (GPM) | MAX. FLOW (GPM) | PRES. DROP (PSI) | ENT. WATER TEMP. (°F) | LVG. WATER TEMP. (°F) | BASIS OF DESIGN | NOTES |
| MV-1 | 0.5 | 4.08 | 10 | 140 | 130 | LEONARD: 210-LF | 1 2 |

NOTES:
1: TRANSITION TO PIPE SIZES SHOWN ON DRAWING AT VALVE INLET/OUTLET.
2: ASSE STANDARD 1011 COMPLIANT.



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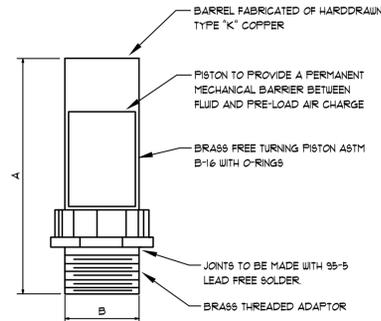
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LEGENDS & SCHEDULES - PLUMBING

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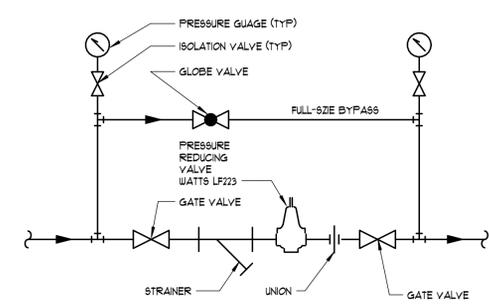
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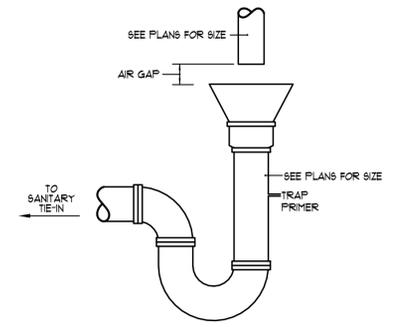
| PIP SIZE | P.D.I. SYMBOL | FIXTURE UNIT RATINGS | A SIZE | B SIZE |
|----------|---------------|----------------------|--------|--------|
| 1/2" | A | 1 - 11 | 5" | 1/2" |
| 3/4" | B | 12 - 32 | 5" | 3/4" |
| 1" | C | 33 - 60 | 7" | 1" |
| 1-1/4" | D | 61 - 113 | 7" | 1-1/4" |
| 1-1/2" | E | 114 - 154 | 9" | 1-1/2" |
| 2" | F | 155 - 330 | 9" | 2" |

NOTE: SHOCK ABSORBERS TO BE LOCATED ON EACH SUPPLY BRANCH THAT CONTAINS A FAST-ACTING VALVE (FLUSH VALVE, DISHWASHER, ICE MAKER, WASHING MACHINE, ETC.)

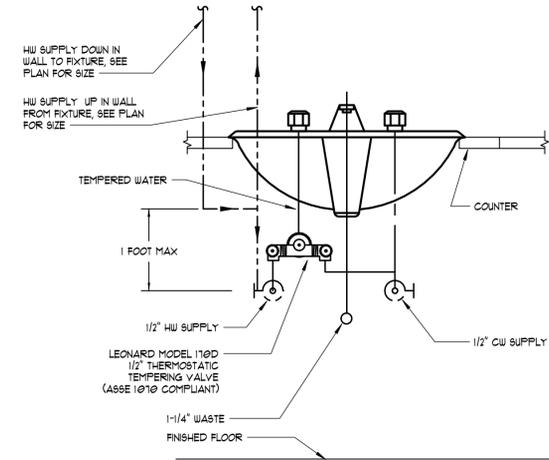
9 WATER SHOCK ARRESTOR DETAIL
NOT TO SCALE



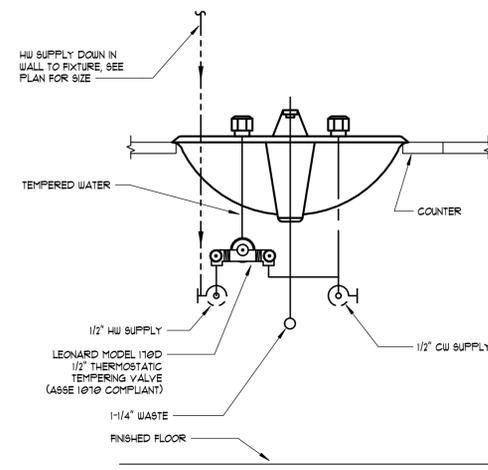
10 PRESSURE REDUCING VALVE STATION
NOT TO SCALE



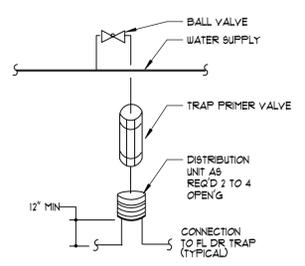
5 HUB DRAIN WITH FUNNEL DETAIL
NOT TO SCALE



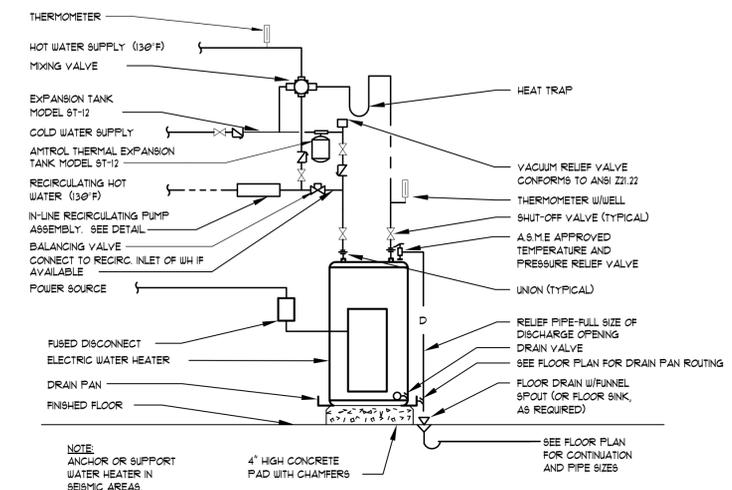
6 LOCAL MIXING VALVE DETAIL
NOT TO SCALE



7 LOCAL MIXING VALVE DETAIL NO LOOP
NOT TO SCALE

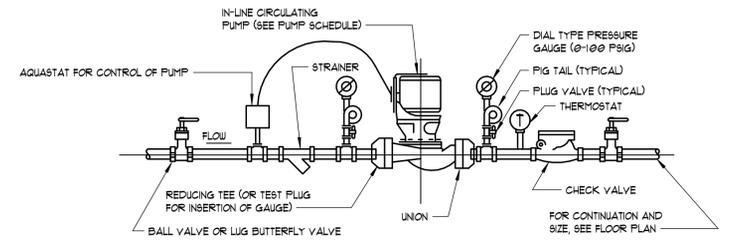


8 TRAP PRIMER DETAIL
NOT TO SCALE

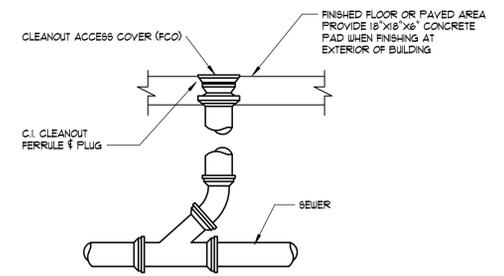


1 ELECTRIC WATER HEATER DETAIL
NOT TO SCALE

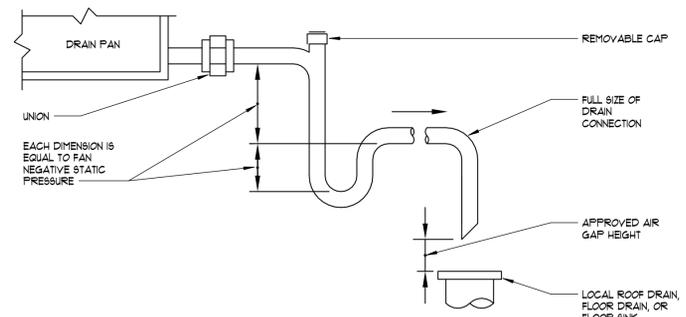
NOTE: WATER HEATER DRAIN PAN SHALL BE 24 GAUGE GALVANIZED STEEL, A MIN 1-1/2" TALL AND 2" LARGER THAN WATER HEATER IN ALL DIRECTIONS.



2 IN-LINE CIRCULATING PUMP DETAIL
NOT TO SCALE



3 CLEANOUT DETAIL
NOT TO SCALE



4 CONDENSATE DRAIN DETAIL
NOT TO SCALE



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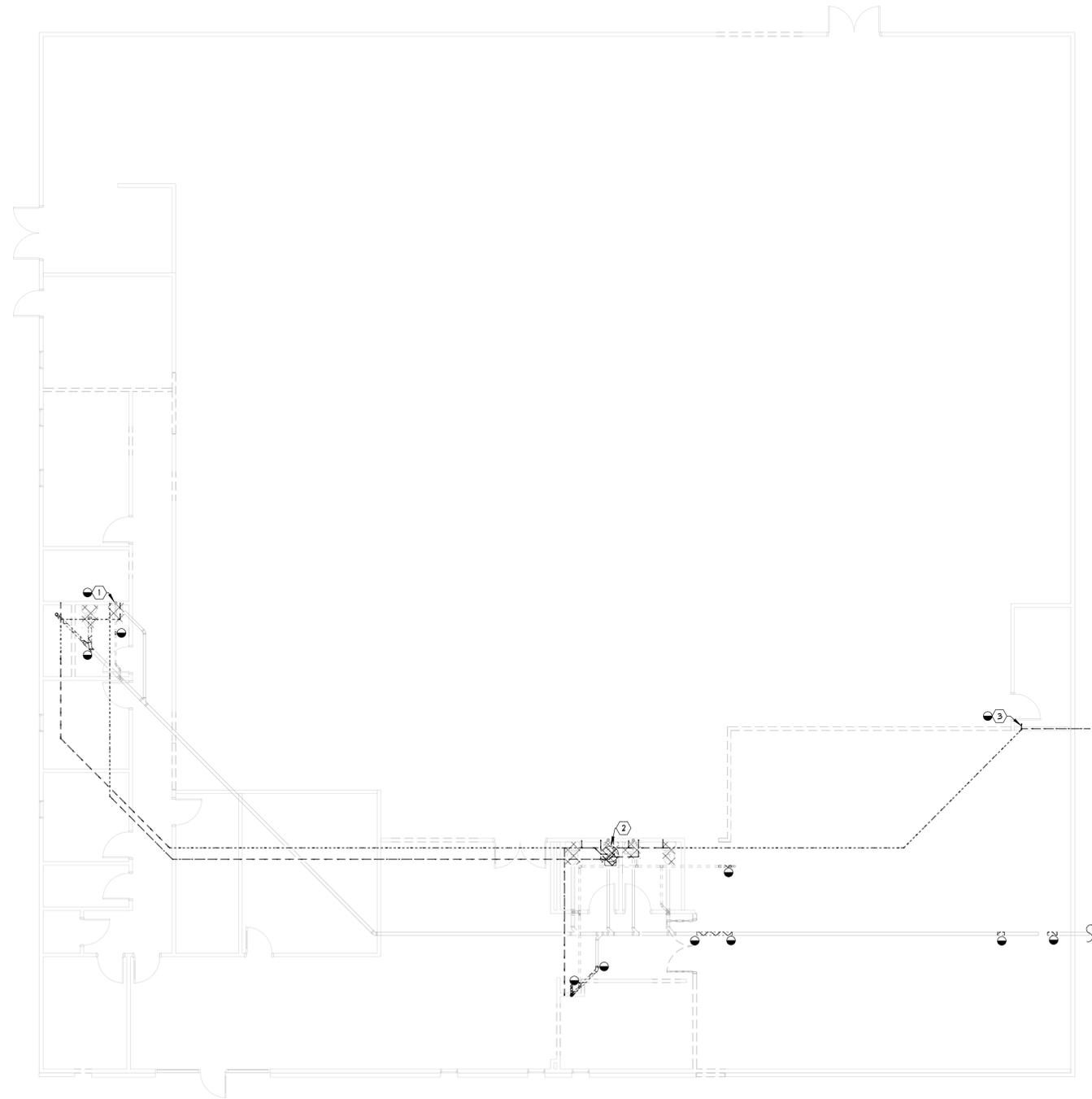
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1 DEMOLITION PLAN - PLUMBING
1/8" = 1'-0"

GENERAL NOTES:

- PIPING AT LIMITS OF DEMOLITION SHALL BE CAPPED, SEALED AND INSULATED WITH MATERIALS OF LIKE KIND AND THICKNESS.

☒ ITEMS UNDERNEATH HATCHING TO BE DEMOLISHED.

KEY NOTES:

- ① EXISTING WALL MOUNTED SINK TO BE DEMOLISHED. EXISTING SANITARY AND VENT PIPING TO REMAIN FOR RECONNECTION TO NEW.
- ② DEMOLISH WATER HEATER IN MEZZANINE AND ALL HOT WATER PIPING.
- ③ DEMOLISH FRY AND ALL COLD WATER PIPING INCLUDING INCOMING WATER SERVICE. REFER TO CIVIL DRAWINGS FOR WATER SERVICE LIMIT OF DEMOLITION.



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DEMOLITION PLAN - PLUMBING

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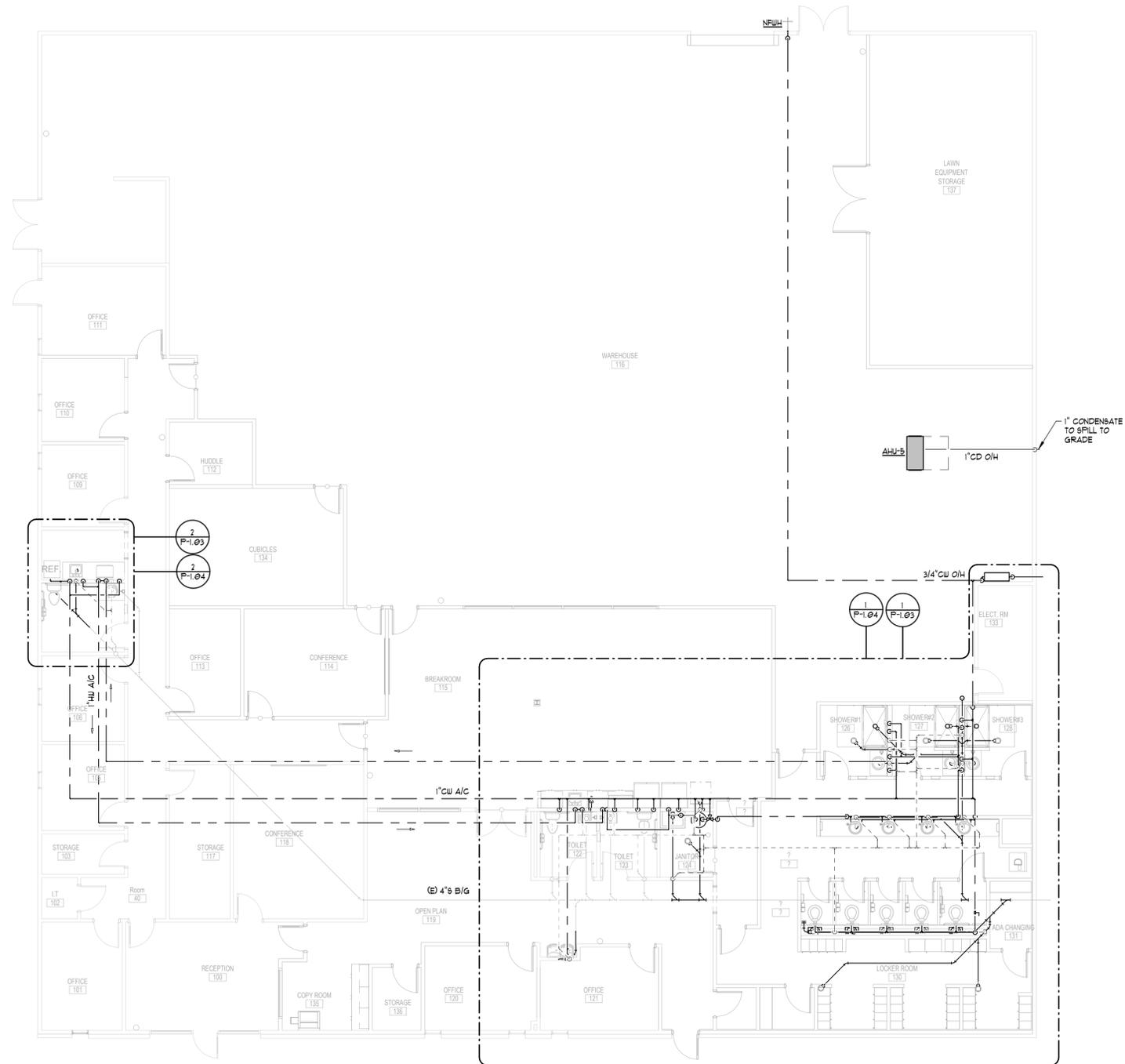
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FLOOR PLAN - PLUMBING
1/8" = 1'-0"
NORTH



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FLOOR PLAN - PLUMBING

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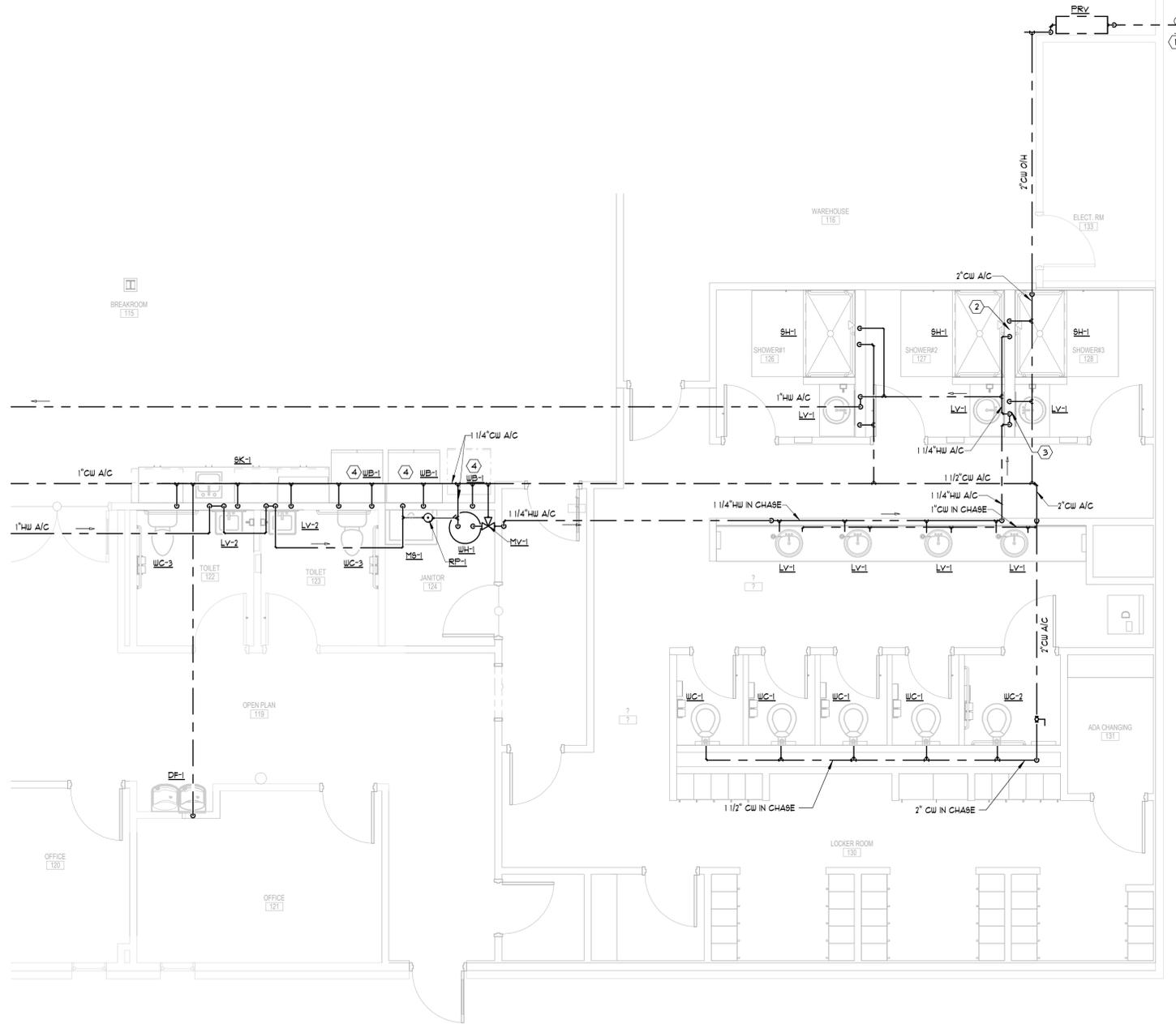
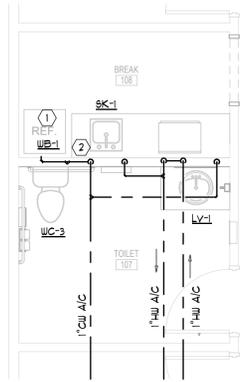


2 ENLARGED FLOOR PLAN - DOMESTIC WATER

1/4" = 1'-0"

KEY NOTES:

- ① COORDINATE HEIGHT AND LOCATION OF WATER CONNECTION BOX WITH ARCHITECTURAL PLANS. PROVIDE WITH INDIVIDUAL SHUTOFF VALVE AND BACKFLOW PREVENTION DEVICE.
- ② 1" CW DOWN IN WALL. ROUTE 1/2" CW TO SK-1, WB-1 & TO EXISTING WATER CLOSET.



1 ENLARGED LOCKER ROOM PLAN - DOMESTIC WATER

1/4" = 1'-0"

KEY NOTES:

- ① INCOMING DOMESTIC WATER SERVICE. SEE CIVIL FOR CONTINUATION.
- ② 3/4" HW AND CW DOWN IN WALL. ROUTE 1/2" HW AND CW TO EACH SH-1.
- ③ 1-1/4" HW LOOP AND 3/4" CW DOWN IN WALL. ROUTE 1/2" HW AND CW TO EACH LV-1.
- ④ COORDINATE HEIGHT AND LOCATION OF WATER CONNECTION BOX WITH ARCHITECTURAL PLANS. PROVIDE WITH INDIVIDUAL SHUTOFF VALVE AND BACKFLOW PREVENTION DEVICE.



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**ENLARGED FLOOR
PLANS - DOMESTIC
WATER**

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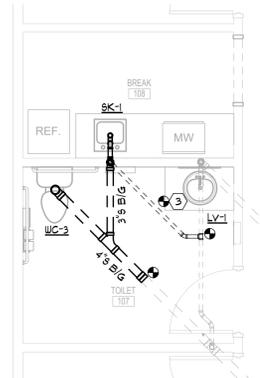
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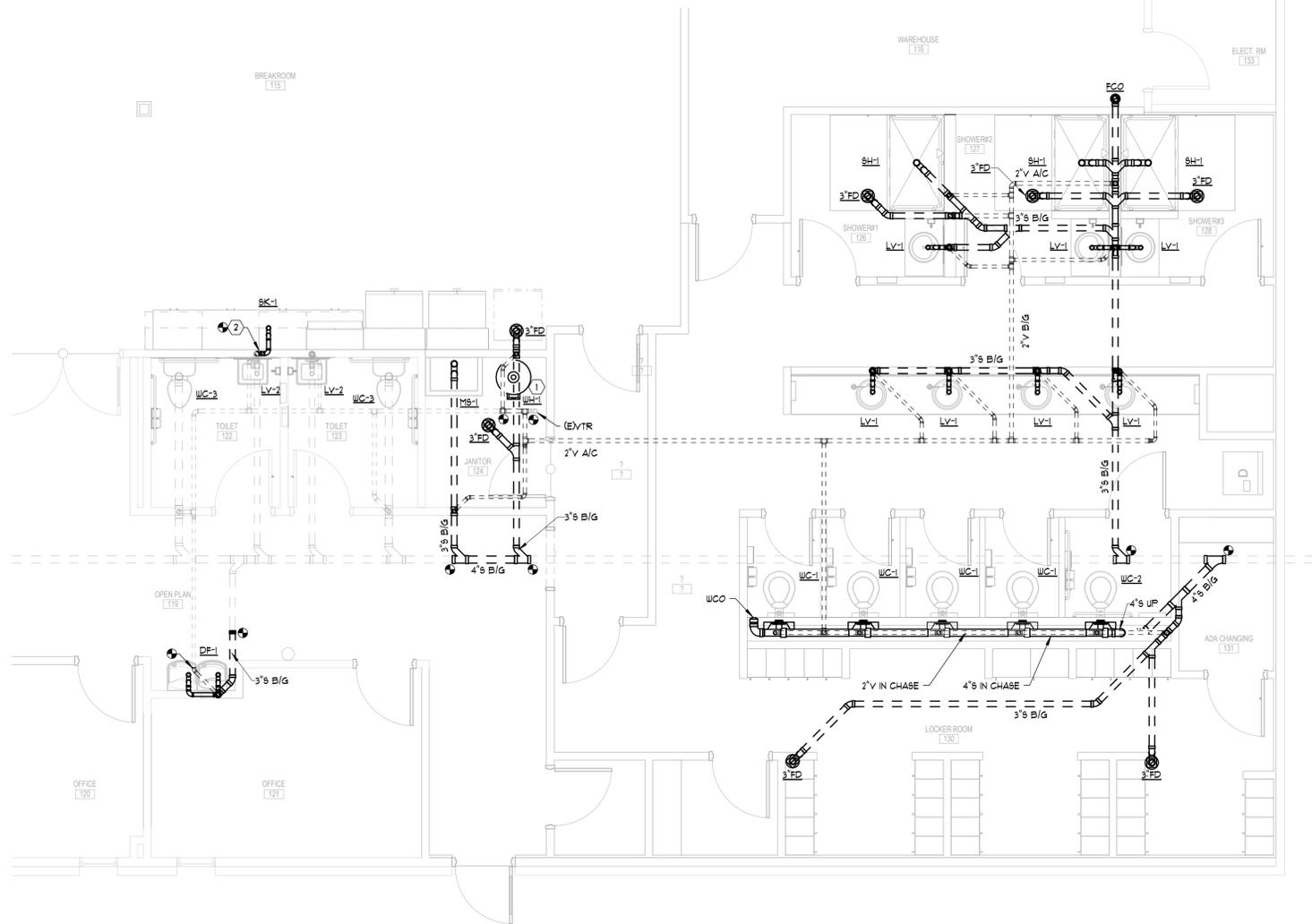
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2 ENLARGED FLOOR PLAN - SANITARY & VENT
1/4" = 1'-0"
NORTH



1 ENLARGED LOCKER ROOM PLAN - SANITARY & VENT
1/4" = 1'-0"
NORTH

- KEY NOTES:**
- ROUTE DRAIN FROM WATER HEATER TO ADJACENT MOP SINK.
 - 2" SANITARY IN WALL TO EXISTING SANITARY PIPING IN WALL.
 - RECONNECT EXISTING SANITARY TO NEW SINK.

SANITARY PIPING:
- CONTRACTOR TO FIELD VERIFY ACTUAL SIZE LOCATION, DIRECTION OF FLOW AND DEPTH OF EXISTING SANITARY PIPING BELOW GRADE.
- REFER TO STRUCTURAL SAW CUT DETAIL 2/8-3/8" FOR BELOW SLAB PIPING AND SLAB REPLACEMENT SPECIFICATIONS

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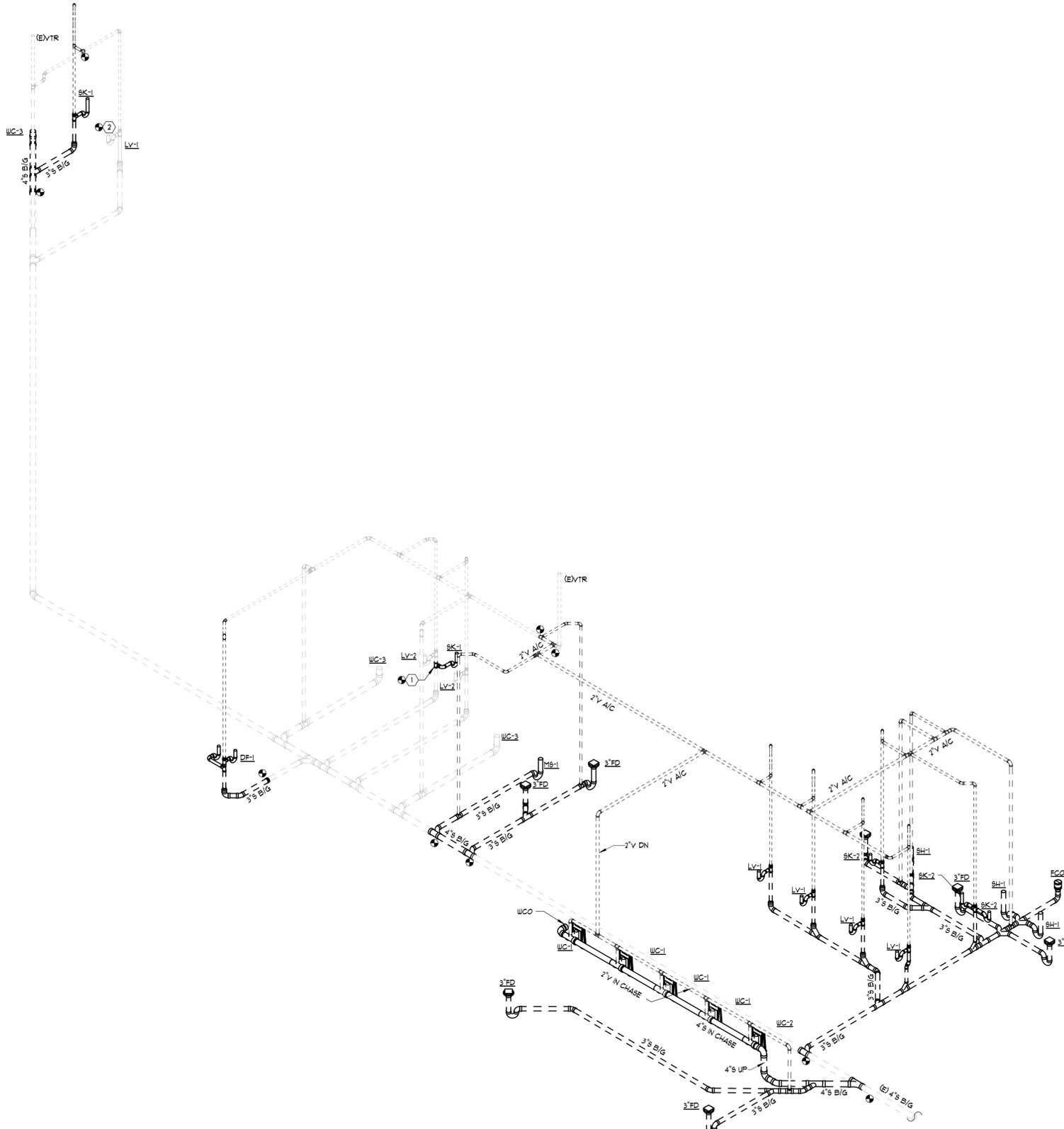
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**ENLARGED FLOOR
PLANS - SANITARY &
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1 ISOMETRIC VIEW - SANITARY & VENT

KEY NOTES:

- ① 2" SANITARY IN WALL TO EXISTING SANITARY PIPING IN WALL
- ② RECONNECT EXISTING SANITARY TO NEW SINK

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**ISOMETRIC VIEW -
SANITARY & VENT**

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| LEGEND - HVAC | | |
|---------------|--------|--|
| ABBR | SYMBOL | DESCRIPTION |
| A/C | | ABOVE CEILING |
| AD | | ACCESS DOOR |
| ADJ | | ADJUSTABLE |
| AFF | | ABOVE FINISHED FLOOR |
| AHU | | AIR HANDLING UNIT |
| AUTO | | AUTOMATIC |
| BAL | | BALANCING |
| BDD | | BACKDRAFT DAMPER |
| BFLY | | BUTTERFLY |
| B/F | | BELOW FLOOR |
| B/G | | BELOW GRADE |
| BHP | | BRAKE HORSEPOWER |
| | | TYPE-CFM |
| | | TYPE |
| CFM | | CUBIC FEET PER MINUTE |
| CON | | CONNECT TO EXISTING |
| CU | | CONDENSING UNIT |
| DB | | DECIBELS |
| | | DIRECTION OF AIRFLOW |
| DB | | DRY BULB |
| DN | | DOWN |
| DR | | DRAIN |
| D86 | | DUCTLESS SPLIT SYSTEM |
| DWG | | DRAWING |
| | | DUCT SIZE TRANSITION - SINGLE LINE DUCT |
| | | DUCTWORK - NEW SIZES SHOWN ARE INTERIOR CLEAR DIMENSIONS |
| | | DUCTWORK - EXISTING OR DIFFUSER TO REMAIN |
| | | DUCT - SUPPLY OR OUTSIDE AIR UP |
| | | DUCT - RETURN OR EXHAUST UP |
| | | DUCT - SUPPLY OR OUTSIDE AIR DOWN |
| | | DUCT - RETURN OR EXHAUST DOWN |
| | | DUCT TRANSITION - SQUARE TO ROUND (OR OVAL) |
| | | DUCT MOUNTED SMOKE DETECTOR (WIRED BY DIV. 16) |
| EA | | EXHAUST AIR |
| EAT | | ENTERING AIR TEMPERATURE |
| ECC | | ECCENTRIC |
| EF | | EXHAUST FAN |
| EFF | | EFFICIENCY |
| ESP | | EXTERNAL STATIC PRESSURE |
| F | | FAHRENHEIT |
| | | FIRE DAMPER |
| FLR | | FLOOR |
| FPM | | FEET PER MINUTE |
| | | FIRE AND SMOKE DAMPER |
| FT | | FEET |
| GA | | GAUGE |

| LEGEND - MECHANICAL/ELECTRICAL | | |
|--------------------------------|--------|--------------------------------|
| ABBR | SYMBOL | DESCRIPTION |
| A | | AMPS |
| FLA | | FULL LOAD AMPS |
| HZ | | HERTZ |
| KVA | | KILOVOLT AMPS |
| KW | | KILOWATT |
| MCA | | MINIMUM CIRCUIT AMPACITY |
| MCCP | | MAXIMUM OVERCURRENT PROTECTION |
| PH | | PHASE |
| V | | VOLTS/VOLTAGE |
| W | | WATTS |

| LEGEND - HVAC | | |
|---------------|--------|---|
| ABBR | SYMBOL | DESCRIPTION |
| HP | | HEAT PUMP |
| HTG | | HEATING |
| | | HUMIDISTAT |
| ID | | INSIDE DIMENSION |
| IN | | INCHES |
| LAT | | LEAVING AIR TEMPERATURE |
| LB | | POUNDS |
| | | LIMITS OF DEMOLITION |
| | | LINEAR SLOT DIFFUSER |
| MAX | | MAXIMUM |
| MD | | MANUAL DAMPER |
| MFR | | MANUFACTURER |
| MIN | | MINIMUM |
| MOD | | MOTOR OPERATED DAMPER |
| MVD | | MANUAL VOLUME DAMPER |
| NC | | NORMALLY CLOSED |
| NO | | NORMALLY OPENED |
| NOM | | NOMINAL |
| OA | | OUTSIDE AIR |
| OBD | | OPPOSED BLADE DAMPER |
| OD | | OUTSIDE DIMENSION |
| PSI | | POUNDS PER SQUARE INCH |
| RA | | RETURN AIR |
| RAG | | RETURN AIR GRILLE |
| RAT | | RETURN AIR TRANSFER |
| RED | | REDUCER |
| | | REFRIGERANT SUCTION AND DISCHARGE TUBING (ROUTED TOGETHER) |
| SA | | SUPPLY AIR |
| | | SMOKE DAMPER |
| SEN | | SENSIBLE |
| SP | | SQUARE FEET |
| SP | | SUPPLY FAN |
| SP | | STATIC PRESSURE |
| SPS | | STATIC PRESSURE SENSOR |
| SQ | | SQUARE |
| | | SUPPLY REGISTER |
| | | SIDE-WALL OR DUCT MOUNTED RETURN OR EXHAUST AIR REGISTER / GRILLE |
| TEMP | | TEMPERATURE |
| | | TEMPERATURE SENSOR |
| TG | | TRANSFER GRILLE |
| | | THERMOSTAT |
| TYP | | TYPICAL |
| UNO | | UNLESS NOTED OTHERWISE |
| VA | | VALVE |
| WB | | WET BULB |
| WC | | WATER COLUMN |
| WT | | WEIGHT |

| DESIGN CONDITIONS | |
|--|------------------|
| LOCATION | CHAMBLEE, GA |
| COOLING - SUMMER DESIGN | |
| OUTDOOR DESIGN DB/ COINCIDENT WB (ASHRAE @ 4%) | 94.1 F / 73.5 F |
| INDOOR DESIGN DB/ RH | 75 F / 50% ± 10% |
| HEATING - WINTER DESIGN | |
| OUTDOOR DESIGN (ASHRAE EXTREME 5%) | 15.2 F |
| INDOOR DESIGN DB (OTHER) | 70 F |

| SHEET LIST HVAC | |
|-----------------|----------------------------|
| SHEET NUMBER | SHEET NAME |
| M-0.01 | LEGENDS & SCHEDULES - HVAC |
| M-0.02 | SPECIFICATIONS |
| M-0.03 | DETAILS - HVAC |
| M-1.01 | DEMOLITION PLAN - HVAC |
| M-1.02 | FLOOR PLAN - HVAC |

| TAG | SUPPLY CFM | O.A. CFM | EAT | | LAT | | O.A. AMP | SUPPLY FAN HP (WATTS) | EXT. S.P. (N.W.G.) | AUX. HEATING CAP. (KW) | ELECTRICAL | | | BASIS OF DESIGN | NOTES |
|----------|------------|----------|--------|--------|--------|--------|----------|-----------------------|--------------------|------------------------|------------|------|------|-----------------|---------------|
| | | | DB (F) | WB (F) | DB (F) | WB (F) | | | | | VOLTI/PH | MCA | MCCP | | |
| (EAHU-1) | 1,795 | 270 | - | - | - | - | - | - | - | - | - | - | - | EXISTING | 1 8 |
| (EAHU-2) | 1,870 | 370 | - | - | - | - | - | - | - | - | - | - | - | EXISTING | 1 8 |
| (EAHU-3) | 1,765 | 170 | - | - | - | - | - | - | - | - | - | - | - | EXISTING | 1 8 |
| (EAHU-4) | 1,755 | 275 | - | - | - | - | - | - | - | - | - | - | - | EXISTING | 1 8 |
| AHU-5 | 1,320 | 210 | 11.9 | 64.4 | 54.9 | 53.8 | 95 | 3/4 | 0.75 | 1.5 | 200/1 | 51.6 | 60 | CARRIER PLAD | 2 3 4 5 6 7 8 |

NOTES:
1. EXISTING AIR HANDLER TO REMAIN. CONTRACTOR TO VERIFY UNIT IS FULLY OPERATIONAL AND REPAIR/REPLACE AS REQUIRED FOR FULL OPERATION.
2. PROVIDE AUXILIARY DRAIN PAN UNDER FAN COIL UNIT.
3. DISCONNECT SWITCH PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.
4. PROVIDE WITH HORIZ CASED COL WITH TXY.
5. STARTERS FOR ALL MOTORS SHALL BE FURNISHED INTEGRAL WITH UNIT.
6. PROVIDE WITH 1-DAY PROGRAMMABLE THERMOSTAT WITH LCD DISPLAY & AUTO-CHANGEOVER.
7. PROVIDE 2" FLEATED THROUGHWAY AIR FILTERS.
8. PROVIDE 120V MOD FOR OUTSIDE AIR. DAMPER TO OPEN WHEN UNIT IS ON AND CLOSE WHEN UNIT IS OFF.

| SPLIT SYSTEM HEAT PUMP SCHEDULE (OUTDOOR UNIT) | | | | | | | | | | | | | |
|--|------------------|-------------|------------|-------|------------------|------|----------|------------|------|-----|---------------|-----------------|-------|
| TAG | COOLING CAPACITY | | | | HEATING CAPACITY | | | ELECTRICAL | | | NET WT. (LBS) | BASIS OF DESIGN | NOTES |
| | TONS (NOMINAL) | TOTAL (MBH) | SENS (MBH) | SEER2 | MBH @ HIGH AIR | COP | VOLTI/PH | MCA | MCCP | | | | |
| (EHP-1) | 5 | - | - | - | - | - | - | - | - | - | - | EXISTING | 1 |
| (EHP-2) | 5 | - | - | - | - | - | - | - | - | - | - | EXISTING | 1 |
| (EHP-3) | 5 | - | - | - | - | - | - | - | - | - | - | EXISTING | 1 |
| (EHP-4) | 5 | - | - | - | - | - | - | - | - | - | - | EXISTING | 1 |
| HFP-5 | 4 | 43.9 | 34.1 | 14.3 | 46.5 | 3.78 | 200/1 | 32.8 | 50 | 228 | CARRIER 218CA | 2 3 4 5 | |

NOTES:
1. EXISTING EQUIPMENT TO REMAIN. CONTRACTOR TO VERIFY EQUIPMENT IS FULLY OPERATIONAL AND REPAIR/REPLACE AS REQUIRED FOR FULL OPERATION.
2. PROVIDE CONCRETE HOUSEKEEPING PAD.
3. DISCONNECT SWITCH PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.
4. CONTRACTOR/UNIT MANUFACTURER IS RESPONSIBLE FOR SIZING REFRIGERANT PIPING & DETERMINING REQUIRED SPECIALTIES (TRAPS, ETC.)
5. STARTERS FOR ALL MOTORS SHALL BE FURNISHED INTEGRAL WITH UNIT.

| DIFFUSER, REGISTER & GRILLE SCHEDULE | | | | | | | | | | | | | | | | |
|--------------------------------------|-----------------|-----------|-----------|-------------|------------|------------|-------------|-----------------|-----------------|---------------------|----------------------------|---------------|---------------|---------------|---------------|-------|
| TAG | TYPE OF SERVICE | FACE SIZE | NECK SIZE | RUNOUT SIZE | # OF SLOTS | SLOT WIDTH | MAX ROOM NC | MAX SP (N.W.G.) | INTEGRAL DAMPER | BASIS OF DESIGN | NECK/ RUNOUT SIZE SCHEDULE | | | | | NOTES |
| | | | | | | | | | | | 6"ø | 8"ø | 10"ø | 12"ø | 14"ø | |
| A | SA | 24"x24" | NOTE 3 | NOTE 1 | - | - | 30 | 0.10 | N | TITUS OMN | 0 - 120 CFM | 125 - 220 CFM | 225 - 350 CFM | 355 - 450 CFM | 455 - 550 CFM | 2 4 5 |
| B | RA | 24"x24" | 22"x22" | - | - | - | 30 | 0.10 | N | TITUS 48F | - | - | - | - | - | 2 4 5 |
| C | SA | - | 12"x6" | SEE PLANS | - | - | 30 | 0.10 | N | HART & COOLEY: 800 | - | - | - | - | - | 2 4 5 |
| D | SA | - | 10"x4" | SEE PLANS | - | - | 30 | 0.10 | N | HART & COOLEY: 800 | - | - | - | - | - | 2 4 5 |
| E | RA/EA | - | 10"x6" | SEE PLANS | - | - | 30 | 0.10 | N | HART & COOLEY: RH45 | - | - | - | - | - | 2 4 5 |
| F | RA | - | SEE PLANS | SEE PLANS | - | - | 30 | 0.10 | N | HART & COOLEY: RH45 | - | - | - | - | - | 2 4 5 |
| G | SA | - | 14"x6" | - | - | - | 30 | 0.10 | Y | TITUS 5300FL | - | - | - | - | - | 2 4 6 |
| X | - | - | - | - | - | - | - | - | - | EXISTING | - | - | - | - | - | 4 |

NOTES:
1. RUNOUT SIZE SHALL BE EQUAL TO NECK SIZE UNLESS NOTED OTHERWISE ON DRAWINGS.
2. FINISH FOR ALL DEVICES SHALL BE NO. 26 WHITE, UNLESS OTHERWISE INDICATED ON ARCHITECTURAL DRAWINGS.
3. SEE NECK/ RUNOUT SIZE SCHEDULE.
4. CONTRACTOR SHALL BALANCE DIFFUSER/GRILLE TO AIRFLOW LISTED ON PLANS.
5. SEE ARCHITECTURAL PLANS FOR CEILING/WALL TYPE. PROVIDE CORRECT BORDER TYPE FOR CEILING/WALL APPLICATION.
6. GRILLE TO BE SPIRAL MOUNTED TYPE.

| FAN SCHEDULE | | | | | | | | | | | |
|--------------|-----------------------|---------------|--------------|------------------|--------|--------|-------------|-----------|----------------------|------------------|---------|
| TAG | LOCATION | AIRFLOW (CFM) | ESP (N.W.G.) | MOTOR POWER (HP) | DRIVE | VOLTIø | MAX FAN RPM | MAX SONES | TYPE OF FAN | BASIS OF DESIGN | NOTES |
| (EF-1) | 123 - TOILET | - | - | - | - | - | - | - | - | EXISTING | 1 |
| (EF-2) | 122 - TOILET | - | - | - | - | - | - | - | - | EXISTING | 1 |
| (EF-3) | 101 - TOILET | - | - | - | - | - | - | - | - | EXISTING | 1 |
| EF-4 | 130 - LOCKER ROOM | 740 | 0.5 | 301 WATTS | DIRECT | 120/1 | 964 | 3.5 | INLINE EXHAUST FAN | GREENHECK: CSP-A | 2 3 4 6 |
| VF-1 | 131 - LAUN EQUIP STOR | 585 | 0.3 | 1/8 | DIRECT | 120/1 | 860 | 8.1 | SIDEWALL EXHAUST FAN | GREENHECK: AER | 2 3 5 |
| VF-2 | 102 - IT | 150 | 0.3 | 29 WATTS | DIRECT | 120/1 | 755 | 1.5 | CEILING CABINET FAN | GREENHECK: SP-A | 2 3 4 5 |

NOTES:
1. EXISTING FAN TO REMAIN. CONTRACTOR TO VERIFY FAN IS FULLY OPERATIONAL AND REPAIR/REPLACE AS REQUIRED FOR FULL OPERATION.
2. DISCONNECT PROVIDED BY ELECTRICAL CONTRACTOR.
3. PROVIDE WITH FACTORY SPEED CONTROLLER.
4. PROVIDE WITH BACKDRAFT DAMPER.
5. CONTROLLED BY LINE VOLTAGE THERMOSTAT SET TO 80°F (ADJ).
6. FAN TO RUN CONTINUOUSLY DURING OCCUPIED HOURS. SEE ELECTRICAL DRAWINGS.

| LOUVER SCHEDULE | | | | | | | | |
|-----------------|----------------|-----------------|------------|--------|-----------------------|---------|-----------------|-------|
| TAG | CAPACITY (CFM) | MAX PD (N.W.G.) | DIMENSIONS | | MIN FREE AREA (SQ FT) | SERVICE | BASIS OF DESIGN | NOTES |
| | | | WIDTH | HEIGHT | | | | |
| (ELV-1) | 585 | - | - | - | - | INTAKE | EXISTING | 1 2 |

NOTES:
1. VERIFY LOUVER HAS INSECT SCREEN. IF NOT PRESENT PROVIDE NEW.
2. PROVIDE 120V MOD INTERLOCKED WITH VF-1.

| ROOF HOOD SCHEDULE | | | | | | |
|--------------------|----------------|---------|--------------------------|-------------|-----------------|-------|
| TAG | CAPACITY (CFM) | SERVICE | MAX PRESS. DROP (N.W.G.) | THROAT SIZE | BASIS OF DESIGN | NOTES |
| RH-1 | 270 | INTAKE | 0.04 | 12"x12" | GREENHECK: GR5I | 1 2 |
| RH-2 | 815 | INTAKE | 0.03 | 20"x10" | GREENHECK: GR5I | 1 2 |
| RH-3 | 210 | INTAKE | 0.06 | 10"x10" | GREENHECK: GR5I | 1 2 |
| RH-4 | 740 | EXHAUST | 0.03 | 18"x18" | GREENHECK: GR5R | 1 3 |

NOTES:
1. PROVIDE ROOF CURB. CURB SHALL PLACE HOOD OPENING A MINIMUM OF 12" ABOVE ROOF DECK.
2. PROVIDE WITH INSECT SCREEN.
3. PROVIDE WITH BIRD SCREEN.



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Sheet Title:
LEGENDS & SCHEDULES - HVAC

Sheet No.

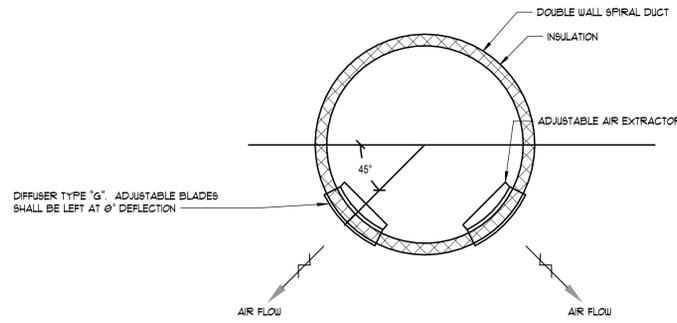
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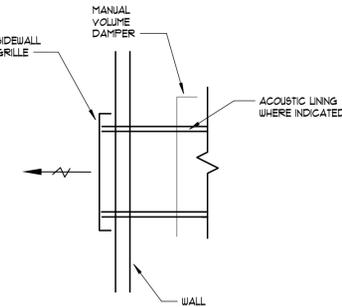
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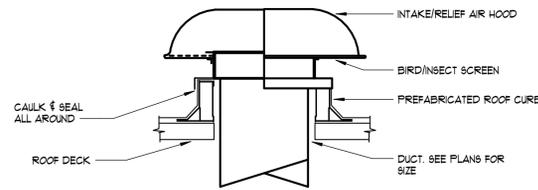
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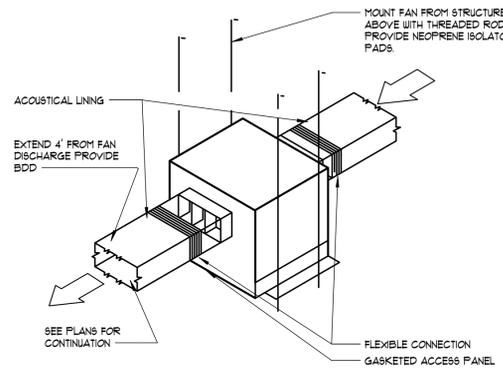
8 TYPICAL ROUND DUCT DIFFUSER DETAIL
NOT TO SCALE



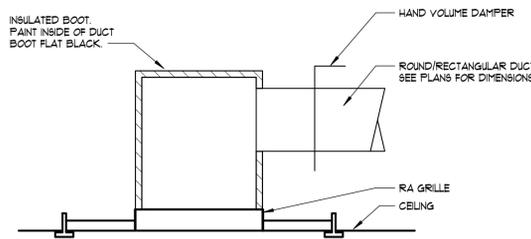
9 TYPICAL SIDEWALL GRILLE
NOT TO SCALE



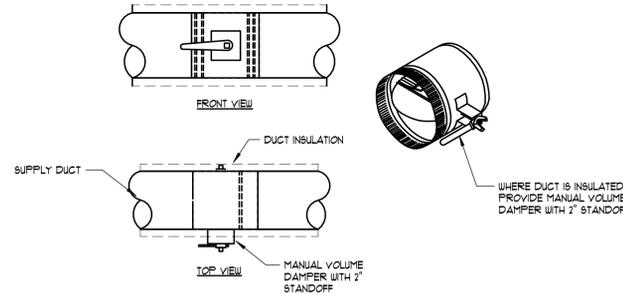
10 ROOF HOOD DETAIL
NOT TO SCALE



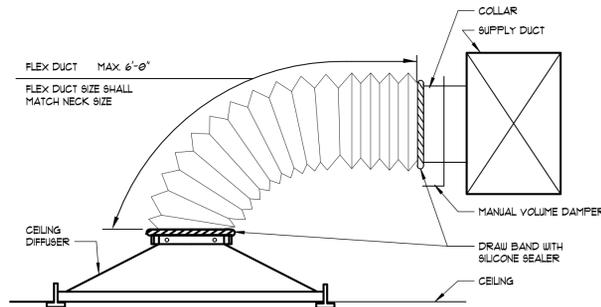
11 INLINE CEILING EXHAUST FAN DETAIL
NOT TO SCALE



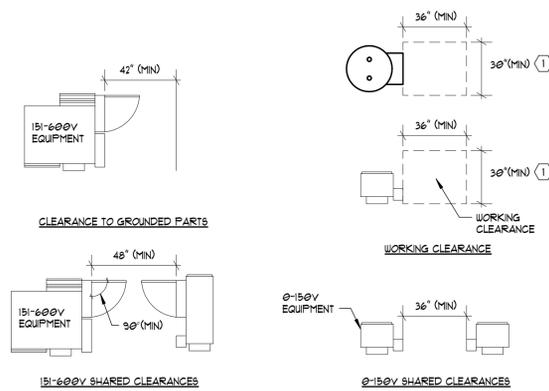
4 DUCTED RETURN BOOT DETAIL
NOT TO SCALE



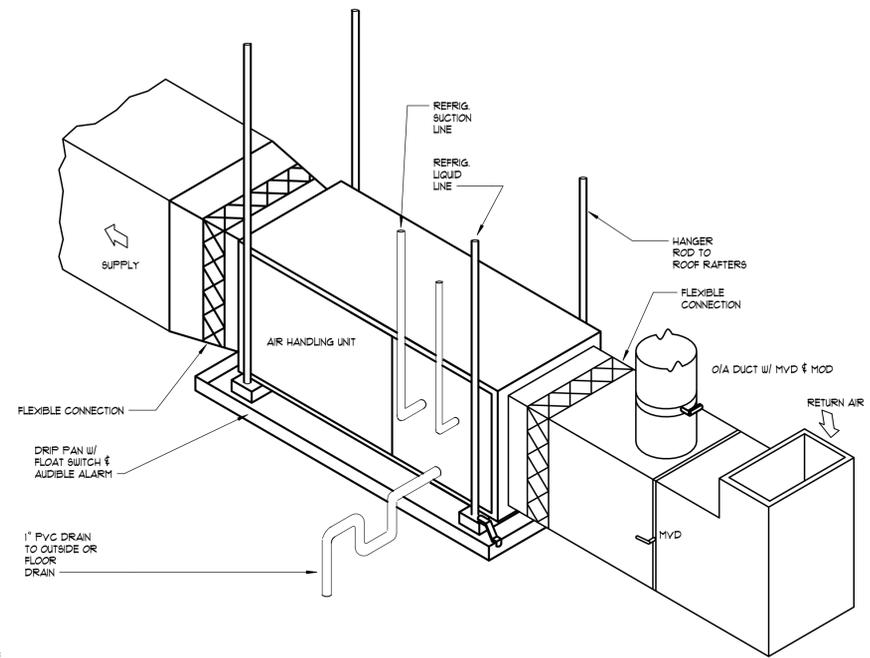
5 MANUAL VOLUME DAMPER W/ STANDOFF
NOT TO SCALE



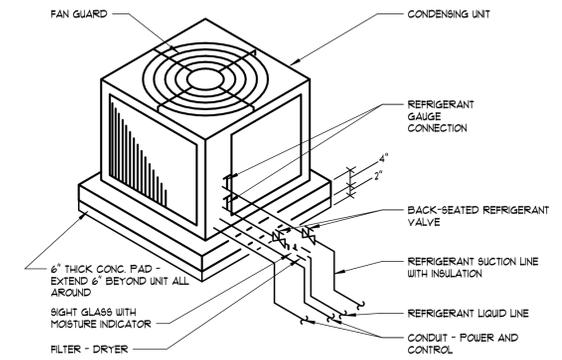
6 TYPICAL DIFFUSER CONNECTION (SIDE OF DUCT)
NOT TO SCALE



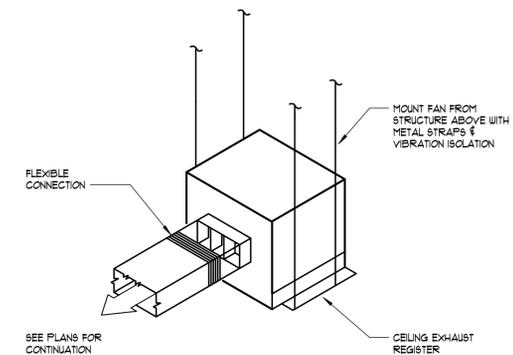
7 TYPICAL NEC EQUIPMENT CLEARANCES
NOT TO SCALE



1 HORIZONTAL AIR HANDLING UNIT WITH RETURN BOOT DETAIL
NOT TO SCALE



2 AIR COOLED CONDENSING UNIT - SLAB MOUNTED AT GRADE
NOT TO SCALE



3 CEILING EXHAUST FAN DETAIL
NOT TO SCALE



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Sheet Title: **DETAILS - HVAC**

Sheet No.:

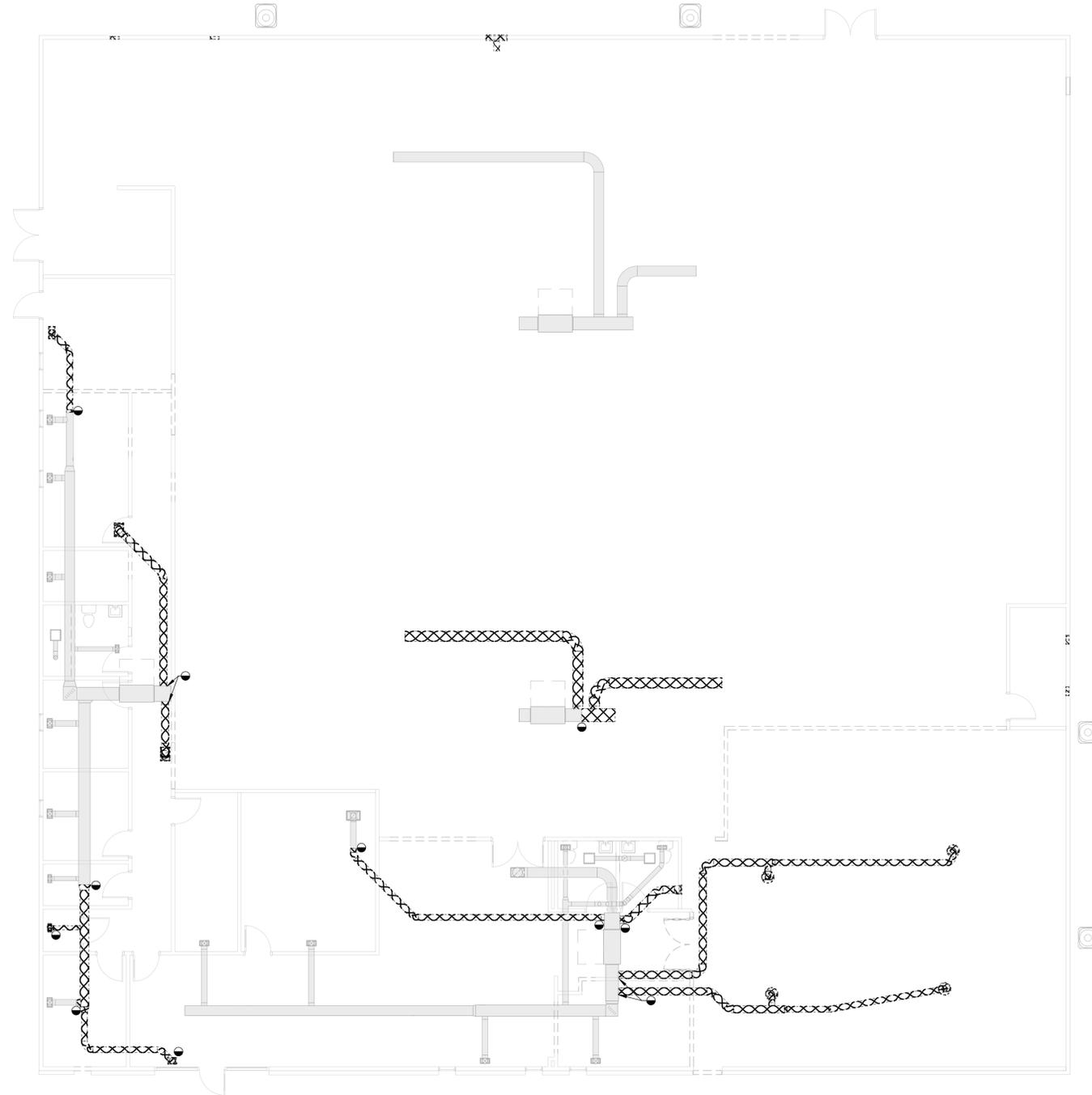
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DEMOLITION PLAN - HVAC
1/8" = 1'-0"

GENERAL NOTES:

- DUCTWORK AT LIMITS OF DEMOLITION SHALL BE CAPPED, SEALED AND INSULATED WITH MATERIALS OF LIKE KIND AND THICKNESS. CONTRACTOR HAS OPTION TO RE-USE EXISTING TAPS AT THEIR DISCRETION.

☒ ITEMS UNDERNEATH HATCHING TO BE DEMOLISHED.



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DEMOLITION PLAN - HVAC

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| SECURITY DEVICE LEGEND | |
|------------------------|--|
| SYMBOL | DESCRIPTION |
| | CARD READER - 3/4" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING AS REQUIRED. PROVIDE POWER FOR DOOR HARDWARE AS REQUIRED. |
| | KEYPAD - 3/4" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING AS REQUIRED |
| | DOOR HOLD |
| | DOOR STRIKE |
| | DOORBELL |
| | DOOR STATION |
| | MOTION DETECTOR - WALL MOUNTED / CEILING MOUNTED |
| | PUSH TO EXIT |
| | HANDICAP PUSH PLATE |
| | SECURITY CAMERA - WALL MOUNTED / CEILING MOUNTED |
| | PARKING DECK ACCESS CONTROL CARD READER |
| | PARKING DECK ACCESS CONTROL TICKET DISPENSER |
| | PARKING DECK ACCESS CONTROL EXIT PAY STATION |
| | PARKING DECK ACCESS CONTROL AUTOGATE |
| | PARKING DECK ACCESS CONTROL AVI ANTENNA |
| | AREA OF REFUGE TWO-WAY COMMUNICATION STATION - 3/4" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING AS REQUIRED - SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION |

| GENERAL LEGEND | |
|----------------|--|
| SYMBOL | DESCRIPTION |
| ----- | DEVICES TO BE DEMOLISHED (APPLIES TO DEMOLITION PLANS ONLY) |
| | CONDUIT RUN CONCEALED IN WALL OR CEILING |
| | LOW VOLTAGE WIRE RUN CONCEALED IN WALL OR CEILING |
| | CONDUIT RUN CONCEALED IN THE FLOOR, UNDERGROUND, OR UNDER THE ELEVATED SLAB |
| | CONDUIT RUN EXPOSED. ROUTE PARALLEL/PERPENDICULAR TO WALLS AND STRUCTURE |
| | CIRCUITS HOMERUN TO THE PANEL |
| | NUMBER OF CONDUCTORS (GROUND NOT SHOWN) |
| | FLEXIBLE CONDUIT OR CORD |
| | 120/208V PANELBOARD OR DISTRIBUTION PANEL |
| | 277/480V PANELBOARD OR DISTRIBUTION PANEL |
| | SWITCHBOARD OR DISTRIBUTION BOARD |
| | TRANSFORMER (FLOOR OR CEILING MOUNTED NOTED ON PLANS) |
| | DISCONNECT (FRAME AND POLES TO MATCH OVER CURRENT PROTECTION REQUIRED PER NEC OR AS NOTED) |
| | PLYWOOD BACKBOARD. 3/4" D(UNO) X 8' H (UNO) X WIDTH AS SHOWN ON PLANS. PAINT WITH FIRE RETARDANT PAINT PRIOR TO INSTALL. |
| | MOTOR STARTER |
| | COMBINATION MOTOR STARTER & DISCONNECT |
| | EMERGENCY POWER OFF SWITCH |
| | AUTOMATIC TRANSFER SWITCH |
| | SURGE PROTECTION DEVICE |

| LIGHTING LEGEND | |
|-----------------|---|
| SYMBOL | DESCRIPTION |
| | STANDARD / 3-WAY / 4-WAY / LOW VOLTAGE SWITCH |
| | STANDARD / 3-WAY / LOW VOLTAGE 0-10V DIMMING SWITCH |
| | TIMER / MOMENTARY CONTACT SWITCH |
| | MOTOR RATED / OVERRIDE SWITCH |
| | DUAL TECH OCCUPANCY SENSOR / 0-10V DIMMING OCCUPANCY SENSOR / DUAL RELAY OCCUPANCY SENSOR - WALL MOUNTED. COLOR TO MATCH STANDARD OUTLETS |
| | DUAL TECHNOLOGY OCCUPANCY SENSOR - CEILING MOUNTED. PROVIDE ACCESSORIES AS REQUIRED. |
| | VACANCY SENSOR - WALL MOUNTED / CEILING MOUNTED |
| | DAYLIGHT SENSOR |
| | WALL SWITCH BANK |
| | POWER PACK FOR OCCUPANCY SENSOR - TYPE AS REQUIRED. |
| | ROOM CONTROLLER FOR OCCUPANCY SENSOR & DAYLIGHT SENSOR - TYPE AS REQUIRED. (PROVIDE WITH # 0-10V DIMMING RELAYS - SEE FLOOR PLANS FOR #) |
| | GENERATOR TRANSFER DEVICE |
| | LIGHTING CONTROL STATION |

| ABBREVIATIONS | |
|-----------------|---|
| SYMBOL | DESCRIPTION |
| AC | ABOVE COUNTER |
| AFF / AFG | ABOVE FINISHED FLOOR / ABOVE FINISHED GRADE |
| BFG | BELOW FINISHED GRADE |
| (E) / (R) / (D) | EXISTING / RELOCATED / DEMOLISH |
| EPO | EMERGENCY POWER-OFF |
| GT | GENERATOR TRANSFER |
| IT | IT EQUIPMENT RACK |
| LCP | LIGHTING CONTROL PANEL |
| NL | NIGHT LIGHT |
| SCP | SECURITY CONTROL PANEL |
| UNO | UNLESS NOTED OTHERWISE |
| WP | WEATHER PROOF |
| XFR | TRANSFORMER |
| TGB | TELEPHONE GROUND BAR |
| TTB | TELEPHONE TERMINAL BACKBOARD |

| ELECTRICAL LEGEND | |
|-------------------|---|
| SYMBOL | DESCRIPTION |
| | DUPLEX RECEPTACLE - WALL MOUNTED / CEILING MOUNTED / FLOOR MOUNTED |
| | GFCI DUPLEX / GFCI QUAD RECEPTACLE |
| | QUAD RECEPTACLE - WALL MOUNTED / CEILING MOUNTED / FLOOR MOUNTED |
| | DUPLEX / GFCI DUPLEX / QUAD / QUAD GFCI RECEPTACLE - WALL MOUNTED ABOVE COUNTER |
| | USB COMBO - DUPLEX / GFCI DUPLEX RECEPTACLE & (2) USB CHARGING PORTS |
| | USB COMBO - DUPLEX / GFCI DUPLEX RECEPTACLE & (2) USB CHARGING PORTS - WALL MOUNTED ABOVE COUNTER |
| | USB CHARGING PORT DEVICE |
| | JUNCTION BOX - WALL MOUNTED / CEILING MOUNTED / FLOOR MOUNTED - CONDUIT TO 6" ABOVE ACCESSIBLE CEILING AS REQUIRED |
| | SPECIAL AMP/VOLT RECEPTACLE |
| | GFCI DEVICE |
| | DATA OUTLET - WALL MOUNTED / CEILING MOUNTED / FLOOR MOUNTED - PROVIDE JUNCTION BOX AND 1/2" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING. PROVIDE 90 DEG ELBOW ABOVE CEILING WITH PLASTIC GROMMET. |
| | VOICE OUTLET - WALL MOUNTED / CEILING MOUNTED / FLOOR MOUNTED - PROVIDE JUNCTION BOX AND 1/2" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING. PROVIDE 90 DEG ELBOW ABOVE CEILING WITH PLASTIC GROMMET. |
| | COMBINATION VOICE & DATA OUTLET - WALL MOUNTED / CEILING MOUNTED / FLOOR MOUNTED - PROVIDE JUNCTION BOX AND 1/2" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING. PROVIDE 90 DEG ELBOW ABOVE CEILING WITH PLASTIC GROMMET. |
| | DATA / VOICE / COMBINATION VOICE & DATA OUTLET - WALL MOUNTED ABOVE COUNTER - PROVIDE JUNCTION BOX AND 3/4" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING. PROVIDE 90 DEG ELBOW ABOVE CEILING WITH PLASTIC GROMMET. |
| | TELEVISION CABLE OUTLET - WALL MOUNTED / CEILING MOUNTED - PROVIDE CABLE |
| | RECESSED FLAT PANEL ENCLOSURE WITH DUPLEX RECEPTACLE AND AV/DATA BOX. COORDINATE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN. PROVIDE 1/2" CONDUIT FOR DATA AND 3/4" CONDUIT FOR CABLE TO 6" ABOVE ACCESSIBLE CEILING. PROVIDE 90 DEG ELBOW ABOVE CEILING WITH PLASTIC GROMMET FOR DATA AND CABLE. |
| | WIRELESS ACCESS POINT - WALL MOUNTED / CEILING MOUNTED |
| | FLOOR BOX RECEPTACLE AND DATA. PROVIDE 1/2" CONDUIT TO NEAREST WALL AND THEN UP TO 6" ABOVE ACCESSIBLE CEILING. PROVIDE 90 DEG ELBOW ABOVE CEILING WITH PLASTIC GROMMET FOR DATA. |
| | WALL MOUNTED JUNCTION BOX FOR CONNECTION TO MODULAR FURNITURE. FF = POWER CONNECTION. COORDINATE ALL POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN FOR EXACT CONDUCTOR QUANTITY, CONDUCTOR CONFIGURATION AND CONNECTION REQUIREMENTS. FLV = VOICE/DATA CONNECTION. SEE LV DRAWINGS FOR ADDITIONAL INFORMATION. |

| FIRE ALARM LEGEND | |
|-------------------|---|
| SYMBOL | DESCRIPTION |
| | FIRE ALARM PULL STATION |
| | FIRE EXTINGUISHER |
| | FIRE ALARM ADA APPROVED VISUAL ONLY - WALL MOUNTED / CEILING MOUNTED |
| | FIRE ALARM ADA APPROVED HORN AUDIO & VISUAL - WALL MOUNTED / CEILING MOUNTED |
| | FIRE ALARM PULL STATION AT 48" AFF TO TOP OF BOX AND AUDIO/VISUAL AT 80" AFF TO BOTTOM OF VISUAL |
| | SMOKE DETECTOR - CEILING MOUNTED - QUANTITY AS REQUIRED PER NFPA |
| | SMOKE DETECTOR - PENDANT MOUNTED IN FRONT OF RETURN AIR OPENING - QUANTITY AS REQUIRED PER NFPA |
| | SMOKE DETECTOR - DUCT MOUNTED - QUANTITY AS REQUIRED PER NFPA |
| | HEAT DETECTOR - QUANTITY AS REQUIRED PER NFPA |
| | FIREMAN'S PHONE |
| | MAGNETIC - FIRE ALARM HOLD OPEN DEVICE |
| | FIRE SMOKE DAMPER - PROVIDE SMOKE DETECTOR AND CONTROL POWER AS REQUIRED. COORDINATE VOLTAGE AND CONNECTION REQUIREMENTS WITH EQUIPMENT BEING PROVIDED. PROVIDE CONTROL WIRING TO CONNECT FSD WITH FIRE ALARM SYSTEM FOR MONITORING AND CONTROL OF ASSOCIATED HVAC UNIT SERVING THE SPACE |
| | FIRE ALARM CONTROL PANEL |
| | FIRE ALARM ANNUNCIATOR PANEL |

| SHEET LIST ELECTRICAL | |
|-----------------------|--|
| SHEET NUMBER | SHEET NAME |
| E-0.01 | ELECTRICAL LEGENDS |
| E-0.02 | ELECTRICAL NOTES |
| E-0.03 | ELECTRICAL DETAILS |
| E-0.04 | SCHEDULES AND COM CHECK - ELECTRICAL |
| E-1.01 | DEMOLITION PLAN - ELECTRICAL |
| E-1.02 | FLOOR PLAN - ELECTRICAL |
| E-1.03 | FLOOR PLAN - LIGHTING |
| E-1.04 | FLOOR PLAN - MECHANICAL AND FIRE ALARM |
| E-2.01 | PANEL SCHEDULES AND RISER DIAGRAM |



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CITY OF CHAMBLEE

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| | 02-04-25 | ISSUED FOR BID |
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Date 02/21/2025 **Job No.** 24010

Sheet Title
ELECTRICAL LEGENDS

Sheet No.
E-0.01
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ALPHA BLDG SET 06-24-2025

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ELECTRICAL GENERAL NOTES:

- ALL WORK SHALL COMPLY WITH ALL LOCAL BUILDING CODES, LAWS, REGULATIONS, ORDINANCES AND 2020 NATIONAL ELECTRICAL CODE.
- THE ELECTRICAL WORK SHALL CONSIST OF ALL LABOR AND MATERIAL TO COMPLETELY INSTALL ALL ELECTRICAL WORKS AS SHOWN ON THESE DRAWINGS.
- COORDINATE LOCATION OF LIGHT FIXTURES IN AREAS OF MECHANICAL DUCTWORK AND PIPING WITH MECHANICAL CONTRACTOR. RELOCATE LIGHT FIXTURES, WIRING AND CONDUIT IF NECESSARY AS DIRECTED BY THE ARCHITECT/ENGINEER.
- ALL WORK ASSOCIATED WITH THE SCOPE OF THIS PROJECT INCLUDING EQUIPMENT, ACCESSORIES, DEVICES, SYSTEMS, ETC. SHALL BE COVERED BY A ONE YEAR GUARANTEE WHICH SHALL START AT THE TIME OF FINAL ACCEPTANCE BY THE OWNER. ANY DEFECTS IN PRODUCTS, INSTALLATION, OR WORKMANSHIP SHALL BE CORRECTED AT NO ADDITIONAL CHARGE AND SHALL INCLUDE ANY NECESSARY REPAIRS TO WALLS, FLOORS, MILLWORK, ETC. WHICH SHALL BE REPAIRED BACK TO NEW AND FINISHED CONDITION.
- THE CONTRACTOR SHALL KEEP A RECORD OF THE CHANGES WHICH ARE IN CONFLICT WITH THESE DRAWINGS AND SPECIFICATIONS. AT THE COMPLETION OF THIS WORK THE CONTRACTOR SHALL SUBMIT "AS BUILT" PRINTS TO THE OWNER.
- THE DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY SHOW THE EXACT ROUTING OR DETAILED FITTINGS. ALL WORK SHALL BE INSTALLED AS A COMPLETE SYSTEM WITH NECESSARY COMPONENTS, FITTINGS, STRAPS, ETC. ALL JUNCTION BOXES AND COMPONENTS SHALL BE INSTALLED SO THAT THEY ARE ACCESSIBLE.
- REFER TO THE ENTIRE CONTRACTED DRAWING SET AND SPECIFICATIONS FOR GUIDANCE ON DIMENSIONS, CEILING HEIGHTS, DOOR SWINGS, ROOM FINISHES, STRUCTURAL DETAILS, LOCATIONS OF DUCTWORK, PIPING AND STRUCTURAL MEMBERS. INSTALL THE ELECTRICAL SYSTEMS SO AS NOT TO INTERFERE WITH THE INSTALLATION OR FUNCTION OF ANOTHER DISCIPLINE WORK.
- ALL CONDUIT MUST BE CONCEALED ABOVE THE CEILING OR IN THE WALLS UNLESS OTHERWISE NOTED.
- COORDINATE RECEPTACLE NEMA TYPE AND VOLTAGE WITH ALL EQUIPMENT.
- THE CONTRACTOR SHALL INSTALL ALL WORK IN A NEAT AND WORKMANLIKE MANNER AND ACCORDING TO GENERALLY ACCEPTED PRACTICES OF FIRST CLASS WORKMANSHIP.
- PROVIDE A NEW DIRECTORY FOR ALL PANELS. CORRECTLY LABEL ALL CIRCUITS, SPACES AND SPARES PER NEC 408.4.
- ALL RECESSED LIGHTING FIXTURES SHALL BE FASTENED TO STRUCTURE OR GRID PER N.E.C. 410.
- ANY CONDUIT, BUSWAY, CABLE TRAY, SLEEVES, ETC. THAT PENETRATE RATED WALLS, CEILINGS AND FLOORS SHALL BE FIRE STOPPED PER CODE.
- MOUNTING HEIGHTS FOR DEVICES ARE TO BE MEASURED TO THE DEVICE CENTERLINE.
- ALL BRANCH CIRCUITS SHALL BE WIRED 1/2", 2-#12, 1-#12G MINIMUM, UNLESS OTHERWISE NOTED ON THE PLANS. ALL HOMERUNS SHALL BE A MINIMUM 1/2" CONDUIT.
- PROVIDE A SEPARATE GREEN, INSULATED, #12AWG EQUIPMENT GROUNDING CONDUCTOR ROUTED WITH THE BRANCH CIRCUIT HOMERUN CONDUCTORS. PROVIDE GROUND THROUGH ENTIRE CONDUIT RUN TO THE LAST DEVICE. ALL EQUIPMENT SHALL BE GROUNDED AT THE PANEL WHICH FEEDS THE EQUIPMENT. PROVIDE GROUNDING PER NEC 250.
- ALL SWITCHES FOR LIGHTS, FANS, ETC., WHICH ARE SHOWN TO BE MOUNTED IN THE SAME GENERAL AREA, SHALL SHARE A MULTI-GANG COVER PLATE AS REQUIRED.
- ARMORED CABLE MAY BE USED IN WALLS AND MILLWORK ONLY AND MUST BE MC TYPE (WITH GROUND). ALL CONDUIT TO AND ABOVE THE PLENUM SHALL BE EMT. ALL HOMERUNS SHALL BE IN CONDUIT RAN FROM THE FIRST DEVICE OR LIGHT FIXTURE TO THE PANEL.
- THE CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF OUTLETS, LIGHT FIXTURES, AND PARTITIONS. FINISHES FOR DEVICES AND COVERPLATES SHALL BE AS SELECTED BY ARCHITECT.
- PROVIDE A 2-GANG OUTLET BOX AND 1" CONDUIT WITH PULL STRING TO ABOVE ACCESSIBLE CEILING FOR ALL NEW DATA, TELEPHONE AND CABLE OUTLETS. COORDINATE PLASTER RING SIZE WITH TENANT AND CABLE VENDOR.
- LIGHT FIXTURES SHALL BE AS SCHEDULED, WITH ONLY PRE-APPROVED EQUAL FIXTURES ACCEPTABLE.
- ALL CONDUCTORS SHALL BE COPPER. CONDUCTORS FOR SIZES NO. 10 AND SMALLER SHALL BE TYPE "THIN" OR "THIN/THIN". CONDUCTORS FOR SIZES NO. 8 AND LARGER SHALL BE TYPE "XHHW". SOLID CONDUCTORS TERMINATING IN A BREAKER OR DEVICE SHALL BE UTILIZED FOR WIRE SIZE NO. 12. MINIMUM WIRE SIZE SHALL BE NO. 12.
- ALL BOXES SHALL BE PRESSD STEEL, SINGLE PIECE (NON-GANGABLE) TYPE.
- ALL COVER PLATES SHALL BE STAINLESS STEEL.
- ALL COVER PLATES FOR DEVICES AND JUNCTION BOXES SHALL HAVE CIRCUIT NUMBERS LABELED WITH INDELEIBLE INK MARKER. DEVICE COVERS SHALL BE LABELED ON THE BACK, JUNCTION BOX COVERS SHALL BE LABELED ON THE FRONT.
- RECEPTACLES SHALL BE 120 VOLT, 20A, WITH PARTS NUMBERS AS LISTED BY HUBBELL OR EQUAL BY ARROWHART, F&S, OR LEVITON. COLOR SHALL BE AS SELECTED BY THE ARCHITECT.

| | |
|-------------------|-----------|
| SINGLE RECEPTACLE | #HBL5361X |
| DUPLEX RECEPTACLE | #HBL5352X |
| GFCI RECEPTACLE | #GFS355X |
- SWITCHES SHALL BE 120/277V, 20A, WITH PARTS NUMBERS AS LISTED BY HUBBELL OR EQUAL BY ARROWHART, F&S, OR EAGLE. COLOR SHALL BE AS SELECTED BY THE ARCHITECT.

| | |
|--|----------|
| SINGLE POLE | #HBL221X |
| THREE WAY | #HBL223X |
| FOUR WAY | #HBL224X |
| (ADD "L" SUFFIX FOR KEYPAD LOCKING TYPE) | |
- PANELBOARDS, MOTOR STARTERS, SAFETY SWITCHES (HEAVY DUTY), ETC. SHALL BE AS MANUFACTURED BY GENERAL ELECTRIC, SQUARE D, SIEMENS, OR CUTLER HAMMER. ALL BREAKERS SHALL BE "BOLT-ON" TYPE.
- FOR EQUIPMENT THAT IS TO BE WIRED BY ELECTRICAL CONTRACTOR AND FURNISHED BY OTHERS, ELECTRICAL CONTRACTOR SHALL REVIEW ALL SPECIFICATION SECTIONS, EQUIPMENT SCHEDULES, AND/OR DETAILS THROUGHOUT DOCUMENTS THAT PERTAIN TO THIS EQUIPMENT AND INCLUDE ALL WIRING AND DEVICES REFERENCED IN THEIR BIDS. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF THIS EQUIPMENT WITH RESPECTIVE CONTRACTOR PRIOR TO ROUGH-IN.
- ALL ABANDONED WIRE SHALL BE REMOVED.
- WHERE WORK BY THE GENERAL CONTRACTOR (WALL REMOVE, NEW OR RELATED WALL OPENING, ETC.) RESULTS IN THE REMOVALS, REFEEDING, OR RELOCATION OF LIGHTING FIXTURES OR ELECTRICAL DEVICES, THE ELECTRICAL CONTRACTOR SHALL DISCONNECT OR RECONNECT AS REQUIRED ALL ACTIVE DEVICES REMAINING ON THAT CIRCUIT SYSTEM.
- RING OUT ALL CIRCUITS IN EXISTING PANEL AFFECTED BY THIS ALTERATION WHERE ADDITIONAL CIRCUITS ARE NEEDED, REUSE CIRCUITS AVAILABLE FOR REUSE, OR PROVIDE NEW BREAKERS. TAG ALL UNUSED CIRCUITS AS SPARE, REPLACE ALL INOPERATIVE OR DEFECTIVE CIRCUIT BREAKERS, AND TIGHTEN ALL CONNECTIONS.
- WHERE DEMOLITION DISRUPTS ELECTRICAL CONTINUITY OF EXISTING RECEPTACLES/LIGHTS, AND NO RECONNECTION IS SHOWN, RECONNECT TO ITS EXISTING CIRCUIT.
- ALL DIMENSIONS OF EXISTING CONSTRUCTION ARE APPROXIMATE. THE ELECTRICAL CONTRACTOR SHALL MAKE ALL NECESSARY FIELD MEASUREMENTS OF EXISTING STRUCTURES AND EQUIPMENT TO VERIFY DIMENSIONS SHOWN ON THE DRAWINGS. PROVIDE PROPER DIMENSIONS NOT SHOWN PRIOR TO EQUIPMENT FABRICATION. ALL COST FOR MODIFICATIONS OF NEW CONSTRUCTION DUE TO LACK OF CONFIRMATION OF DIMENSIONS BY FIELD MEASUREMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- PROVIDE 120 VOLT POWER FOR ALL SMOKE/FIRE DAMPERS AND THE DAMPERS BACK TO THE BUILDING FIRE ALARM SYSTEM SO THAT UPON ACTIVATION OF DUCT MOUNTED SMOKE DETECTOR OR INDIVIDUAL SENSORS ASSOCIATED WITH DAMPER A SIGNAL WILL BE SENT BACK TO THE BUILDING FIRE ALARM SYSTEM INDICATING ALARM AND STATUS OF DAMPER (OPEN/CLOSED). CONTRACTOR SHALL PROVIDE ALL WIRING, DUCT MOUNTED SMOKE DETECTORS, MODULES, RELAY AND ASSOCIATED EQUIPMENT REQUIRED FOR A COMPLETE INSTALLATION. COORDINATE EXACT CONNECTION REQUIREMENTS BETWEEN ALL TRADES (ELECTRICAL, MECHANICAL & FIRE PROTECTION). CONTRACTOR SHALL COORDINATE QUANTITY OF DUCT MOUNTED SMOKE DETECTORS.
- CONDUCTORS SHALL HAVE COLOR CODED JACKETS THE ENTIRE LENGTH FOR SIZES NO. 6 AND SMALLER. THE CONDUCTORS FOR SIZES NO. 4 AND LARGER SHALL HAVE COLOR CODED MARKING TAPE OR COLOR CODED JACKETS THE ENTIRE LENGTH. COLORS SHALL BE AS FOLLOWS:

| | |
|---------------------|--|
| 120/208 VOLT SYSTEM | |
| PHASE A - BLACK | |
| PHASE B - RED | |
| PHASE C - BLUE | |
| NEUTRAL - WHITE | |
| GROUND - GREEN | |
- WHERE PHASE MARKING TAPE IS USED IT SHALL BE WRAPPED 2" WIDE AND LOCATED AT TWO (2) LOCATIONS 6" AND 18" FROM THE TERMINATION. PHASE MARKING TAPE FOR THE NEUTRAL AND GROUNDING CONDUCTORS SHALL BE PROVIDED WHERE VISIBLE AT ANY POINT WHERE THE CONDUCTOR IS ACCESSIBLE.
- ALL 120 VOLT BRANCH CIRCUIT CONDUCTORS EXCEEDING 100' IN LENGTH SHALL BE INCREASED TO THE NEXT WIRE SIZE TO ACCOMMODATE FOR VOLTAGE DROP.
- PROVIDE ARC-FLASH WARNING LABELS ON ELECTRICAL EQUIPMENT THAT COMPLIES WITH NEC 110.16.
- PROVIDE CONSPICUOUS AND PERMANENT LABEL ON NEW PANEL BOARDS INDICATING AVAILABLE FAULT CURRENT PER NEC 110.24.
- ALL PANEL BOARDS SHALL BE CORROSION RESISTANT, 20"W x 6"D NOMINAL, REINFORCED STEEL WITH CONCEALED HINGES AND TRIM. TRIM CLAMPS ARE UNACCEPTABLE. SHORT CIRCUIT RATING SHALL BE THE INTERRUPTING RATING OF THE LOWEST RATED DEVICE IN THE PANEL. LUGS SHALL HAVE SAME CAPACITY AS INCOMING MAINS. BUS BARS SHALL BE COPPER, PHASE EQUIVISED, FULLY INSULATED, CONTINUOUS FOR EACH PHASE, AND RATED AS INDICATED ON PLANS. LUGS SHALL BE RATED FOR 75 DEGREE C TERMINATIONS. INTERIORS SHALL BE CONVERTIBLE FOR TOP OR BOTTOM INCOMING FEED. PROTECTIVE DEVICES SHALL BE BOLT-IN MOLDED CASE CIRCUIT BREAKERS (MAXIMUM OF 42 DEVICES EXCLUDING MAIN BREAKER) WITH THERMAL AND MAGNETIC TRIP ELEMENTS IN EACH POLE. ALL BREAKERS SHALL HAVE HANDLE TRIP INDICATION AND A TRIP INDICATOR IN WINDOW OF CIRCUIT BREAKER HOUSING. MAIN BREAKERS SHALL BE UL LISTED FOR USE WITH SHUNT, UNDER VOLTAGE, AND GROUND FAULT SHUNT TRIPS; AUXILIARY AND ALARM SWITCHES; AND MECHANICAL LUG KITS. BRANCH BREAKERS SHALL BE UL LISTED FOR USE WITH SHUNT TRIPS, AUXILIARY AND ALARM SWITCHES. FINISH SHALL BE CORROSION RESISTANT, ZINC FINISH GALVANNEAL. FRONTS SHALL BE POWDER FINISH PAINTED ANSI 61 GRAY. PANEL BOARDS TO BE SQUARE D, GENERAL ELECTRIC, OR SIEMENS.

FIRE ALARM NOTES:

- ALL NEW FIRE ALARM DEVICES SHALL BE ADA APPROVED.
- ALL AUDIO/VISUAL DEVICES SHALL MATCH EXISTING FACILITY STANDARDS IN ALL ASPECTS.
- ALL FIRE ALARM DEVICES ARE TO BE CONNECTED TO THE BASE BUILDING FIRE ALARM SYSTEM BY A NICET LEVEL 3 LICENSED INSTALLER AND SHALL BE APPROVED BY THE LANDLORD.
- CONFIRM EXISTING A/V LOADS PRIOR TO BEGINNING CONSTRUCTION AND PROVIDE NEW FIRE ALARM POWER SUPPLIES WITHIN THE TENANT SPACE AS REQUIRED.
- ALL WORK ASSOCIATED WITH THE FIRE ALARM SYSTEM SHALL BE COORDINATED WITH THE BUILDINGS CHIEF ENGINEER.
- CONTRACTOR SHALL RE-TEST FIRE ALARM SYSTEM PRIOR TO TURNING OVER SPACE TO TENANT TO VERIFY ALL DEVICES ARE WORKING PROPERLY AND SYNCED PER CODE. CONTRACTOR SHALL PROVIDE REPORT TO LANDLORD, TENANT AND FIRE MARSHALL CONFIRMING BUILDING FIRE ALARM SYSTEM IS IN PROPER WORKING CONDITION.
- CONTRACTOR SHALL PROVIDE (1) 1/2" CONDUIT WITH PULL STRING ROUTED FROM THE FIRE ALARM CONTROL PANEL TO NEW PIV WHEN INSTALLED FOR FIRE ALARM SIGNAL WIRING. COORDINATE LOCATION OF PIV WITH CIVIL ENGINEER.

VOICE/DATA AND SECURITY NOTES:

- PROVIDE OUTLET BOX WITH 1" CONDUIT (UNLESS NOTED OTHERWISE ON PLANS) TO 6" ABOVE ACCESSIBLE CEILING FOR ALL WALL MOUNTED VOICE/DATA AND SECURITY DEVICES.
- PROVIDE POWER FOR SECURITY DEVICES AS REQUIRED.

SHOP DRAWING AND PRODUCT DATA SUBMITTALS:

- SHOP DRAWINGS AND/OR PRODUCT DATA SHALL BE SUBMITTED FOR THE FOLLOWING FOR REVIEW:
 - SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, BUSWAY, MOTOR CONTROL CENTERS, GROUND FAULT SYSTEM AND OTHER EQUIPMENT ASSOCIATED WITH THE MAIN DISTRIBUTION.
 - DISCONNECT SWITCHES, FUSES, MOTOR STARTERS.
 - LIFE SAFETY SYSTEM.
 - LIGHTING FIXTURES, LIGHTING CONTROL SYSTEM, DIMMING SYSTEM, EMERGENCY BATTERIES AND OTHER EQUIPMENT ASSOCIATED WITH LIGHTING.
 - TRANSIENT VOLTAGE SURGE PROTECTION.
 - GENERATOR, UPS, TRANSFER SWITCHES, BATTERIES, STATIC SWITCHES, TRANSITION SWITCHES, SWITCHGEAR AND OTHER EQUIPMENT ASSOCIATED WITH EMERGENCY AND/OR STANDBY BACK-UP POWER SYSTEMS.
 - DEVICES, RECEPTACLES, SWITCHES, COVERPLATES, MOTION SENSORS. THE PRODUCT DATA SHALL INCLUDE THE MANUFACTURERS NAME, MODEL NUMBER, SIZE AND COLOR.
 - CONDUIT, WIRE, BOXES, FITTINGS.
- ALL SHOP DRAWINGS AND SUBMITTALS SHALL INCLUDE A STAMPED INDICATION SIGNIFYING THAT THE SUBMITTAL HAS BEEN REVIEWED FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS BY THE CONTRACTOR. THIS STAMPED INDICATION ALSO REPRESENTS THE FACT THAT THE CONTRACTOR HAS CHECKED THIS SUBMITTAL FOR ITS INTERACTION WITH ALL OTHER DIVISIONS AND CERTIFIES BY HIS SIGNATURE OR INITIALS THAT ALL COORDINATION HAS TAKEN PLACE. THE STAMP SHALL INCLUDE THE DATE, NAME OF THE CONTRACTING FIRM, THE SIGNATURE OF THE CONTRACTOR, CERTIFICATION OF COMPLIANCE AND APPROVAL. THIS STAMP SHALL BE ON THE SUBMITTAL BEFORE THE ENGINEER WILL REVIEW IT.



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Sheet Title
ELECTRICAL NOTES

Sheet No.

E-0.02

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| MECHANICAL EQUIPMENT CONNECTION SCHEDULE | | | | | | | |
|--|------------------|------------|---------------------|---------|---------------------|--------------------|-------|
| TAG | LOAD | VOLT/PHASE | CIRCUIT DESIGNATION | BREAKER | BRANCH CIRCUIT | DISCONNECT | NOTES |
| (E) AHU-1 | EXISTING | --- | --- | --- | --- | --- | 4 |
| (E) AHU-2 | EXISTING | --- | --- | --- | --- | --- | 4 |
| (E) AHU-3 | EXISTING | --- | --- | --- | --- | --- | 4 |
| (E) AHU-4 | EXISTING | --- | --- | --- | --- | --- | 4 |
| AHU-5 | 3/4 HP 1.5 KW | 208V/1P | A-34,36 | 60A/2P | 4#1, #10G, 1/14" C. | 60A/2P/1/60AF | 4 |
| (E) HP-1 | EXISTING | --- | --- | --- | --- | --- | --- |
| (E) HP-2 | EXISTING | --- | --- | --- | --- | --- | --- |
| (E) HP-3 | EXISTING | --- | --- | --- | --- | --- | --- |
| (E) HP-4 | EXISTING | --- | --- | --- | --- | --- | --- |
| HP-5 | 32.8 MCA | 208V/1P | A-39,41 | 50A/2P | 2#6, #10G, 1/14" C. | 60A/2P/3R/50AF | --- |
| (E) EF-1 | EXISTING | --- | --- | --- | --- | --- | --- |
| (E) EF-2 | EXISTING | --- | --- | --- | --- | --- | --- |
| (E) EF-3 | EXISTING | --- | --- | --- | --- | --- | --- |
| EF-4 | 307 W | 120V/1P | SEE NOTE | --- | 2#12, #12G, 3/4" C. | MOTOR RATED SWITCH | 1,2 |
| VF-1 | 1/8 HP | 120V/1P | SEE NOTE | --- | 2#12, #12G, 3/4" C. | MOTOR RATED SWITCH | 1,3 |
| VF-2 | 29 W | 120V/1P | SEE NOTE | --- | 2#12, #12G, 3/4" C. | MOTOR RATED SWITCH | 1,3 |
| WH-1 | 12.3 KW | 208V/3P | A-38,40,42 | 80A/3P | 3#3, #8G, 3/4" C. | 100A/3P/1/NF | --- |
| RP-1 | 90 W | 120V/1P | SEE NOTE | --- | 2#12, #12G, 3/4" C. | MOTOR RATED SWITCH | 1 |

| MECHANICAL EQUIPMENT CONNECTION SCHEDULE NOTES | |
|--|--|
| NUMBER | NOTES |
| 1 | CONNECT TO NEAREST 120V, 20A CONVENIENCE RECEPTACLE WITH 2#12, #12G, 3/4" C. |
| 2 | FAN TO BE RUN CONTINUOUSLY DURING OCCUPIED HOURS. |
| 3 | FAN TO BE CONTROLLED BY THERMOSTAT. |
| 4 | CIRCUIT MOTOR OPERATED DAMPER TO NEAREST AVAILABLE RECEPTACLE CIRCUIT |

| LIGHTING FIXTURE SCHEDULE | | | | | | |
|---------------------------|---|-------------|------------------------|-------------------------|---|-------|
| FIXTURE TYPE | DESCRIPTION | INPUT WATTS | LAMPS | BALLAST | MANUFACTURER | NOTES |
| A | 2'x4' LED TROFFER LIGHT FIXTURE, UNIVERSAL VOLTAGE | 30 W | 3100 LUMENS 3500K | LED 0-10V DIMMING | COOPER LIGHTING #: 24CZ-6CT3-UNV | |
| AE | SAME AS TYPE 'A' EXCEPT WITH EMERGENCY BATTERY BACKUP | -- | -- | -- | COOPER LIGHTING #: 24CZ-6CT3-UNV-ELI0W | |
| B | 2'x2' LED TROFFER LIGHT FIXTURE, UNIVERSAL VOLTAGE | 30 W | 4100 LUMENS 3500K | LED 0-10V DIMMING | COOPER LIGHTING #: 22CZ-6CT3-UNV | |
| C | 4" LED ROUND DOWNLIGHT, UNIVERSAL VOLTAGE | 33 W | 3000 LUMENS 3500K | LED 0-10V DIMMING | VANTAGE LIGHTING V40FCRU-3035K-8DM | |
| CE | SAME AS TYPE 'C' EXCEPT WITH EMERGENCY BATTERY BACKUP | -- | -- | -- | VANTAGE LIGHTING V40FCRU-3035K-8DMREM | |
| CW | 4.5" LED ROUND DOWNLIGHT, UNIVERSAL VOLTAGE | 21.8 W | 3000 LUMENS 3500K | LED 0-10V DIMMING | 4DR-TL-L30/8/35-DIM-UNV-WET | |
| F | 4' LINEAR LED FIXTURE, UNIVERSAL VOLTAGE | 26.4 W | 3462.5 LUMENS 3500K | LED 0-10V DIMMING | COOPER LIGHTING #S123DR-5-560D-35-4FO-U-DD | |
| G | BATHROOM VANITY FIXTURE | 18 W | 1550 LUMENS 3500K | LED 0-10V DIMMING | FMVCSL5-24IN-MVOLT-35K-90CRI | |
| H | EXTERIOR WALL PACK LED FIXTURE WITH INTEGRAL PHOTOCELL, UNIVERSAL VOLTAGE, PROVIDE EXTERNAL EMERGENCY BATTERY PACK SIMILAR TO BODINE #ELU-5-100 | 30 W | 3100 LUMENS 4000K | FIXED LED DRIVER | COOPER LIGHTING #TRD WPX DC0T 30W 3.7KLM 4000K D2D UNV BZ | |
| X | LED EDGE-LIT EXIT SIGN GREEN LETTERS, CLEAR PANEL OR MIRROR FOR 2 SIDE, UNIVERSAL MOUNTED, BRUSHED ALUMINUM TRIM PLATE, PUNCH OUT CHEVRONS, PROVIDE WITH 90 MIN. NCAD BATTERY BACKUP. | 1 W | LED | FIXED LED DRIVER | LITHONIA LIGHTING EDGR-X-GMR SERIES OR EQUAL BY EMERGI-LITE, DUAL-LITE | |

NOTES:
1. CONFIRM VOLTAGE WITH DRAWINGS AND COORDINATE/CONFIRM ALL MOUNTING HEIGHTS AND FINISHES WITH ARCHITECT PRIOR TO ORDERING AND INSTALLATION.
2. PROVIDE MOUNTING OPTIONS NECESSARY TO ACCOMMODATE CEILING TYPES SPECIFIED BY ARCHITECTURAL DOCUMENTS FOR ALL RECESSED FIXTURES.
3. PROVIDE ALL HARDWARE AND ACCESSORIES TO INSTALL FIXTURES AS INDICATED IN FIXTURE DESCRIPTION.
4. MANUFACTURER PART NUMBERS MAY NOT NECESSARILY MATCH DESCRIPTION. OBTAIN CLARIFICATION IF A CONFLICT EXISTS BETWEEN DESCRIPTION AND MODEL NUMBER.
5. ALL LAMPS SHALL BE BY THE SAME MANUFACTURER. PROVIDE 5% (MINIMUM 10) LAMPS OF EACH TYPE SPARE LAMP ATTIC STOCK FOR OWNER AT PROJECT COMPLETION.
6. MANUFACTURER LISTED AS AN "OR EQUAL" DOES NOT GUARANTEE APPROVAL. FIXTURE PERFORMANCE MUST MEET OR EXCEED SPECIFIED FIXTURE.
7. ALL FIXTURES NOT SPECIFICALLY LISTED BY MODEL NUMBER REQUIRE A PRIOR APPROVAL SUBMITTAL IN WRITING. NO VERBAL APPROVALS WILL BE ALLOWED.
8. FIXTURES FURNISHED BY INTERIOR DESIGNER AND SHIPPED TO SITE, TO BE RECEIVED, STORED, AND INSTALLED BY GC. GC SHALL SUPPLY ALL LAMPS AND ACCESSORIES.
9. FIXTURE ALLOWANCE IS FOR FIXTURE AND SHIPPING COST TO THE JOBSITE ONLY. GC SHALL INCLUDE COST TO RECEIVE, STORE AND INSTALL FIXTURE. GC SHALL SUPPLY ALL LAMPS AND ACCESSORIES.

COMcheck Software Version 4.1.5.5 Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: CHAMBLEE PUBLIC WORKS OFFICE RENOVATION
Project Type: Alteration

Construction Site:
3220 CUMBERLAND DRIVE
CHAMBLEE, GA 30341

Owner/Agent:

Designer/Contractor:
OWEN CONRAD
CONWAY AND OWEN
1455 BLUEGRASS LAKES PARKWAY
ALPHARETTA, GA 30004
678-350-9000
OCONRAD@CONWAY-OWEN.COM

Allowed Interior Lighting Power

| A Area Category | B Floor Area (ft2) | C Allowed Watts / ft2 | D Allowed Watts (B X C) |
|--|--------------------------|-----------------------------|-------------------------------|
| 1-Common Space Types:Lounge/Breakroom | 1112 | 0.73 | 812 |
| 2-Common Space Types:Locker Room | 794 | 0.75 | 596 |
| 3-Common Space Types:Office - Enclosed | 542 | 1.11 | 602 |
| 4-Common Space Types:Corridor/Transition <8 ft wide | 465 | 0.66 | 307 |
| 5-Common Space Types:Restrooms | 318 | 0.98 | 312 |
| 6-Common Space Types:Conference/Meeting/Multipurpose | 292 | 1.23 | 359 |
| 7-Common Space Types:Storage <50 sq.ft. | 125 | 1.24 | 155 |
| Total Allowed Watts = 3142 | | | |

Proposed Interior Lighting Power

| A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast | B Lamps/ Fixture | C # of Fixtures | D Fixture Watt. | E (C X D) |
|--|------------------------|-----------------------|-----------------------|--------------|
| Common Space Types:Lounge/Breakroom (1112 sq.ft.) A AND AE: Other: | 1 | 12 | 30 | 360 |
| Common Space Types:Locker Room (794 sq.ft.) C AND CE: Other: | 1 | 22 | 33 | 726 |
| CW: Other: | 1 | 8 | 33 | 264 |
| G: Other: | 1 | 3 | 18 | 54 |
| Common Space Types:Office - Enclosed (542 sq.ft.) A: Other: | 1 | 5 | 30 | 150 |
| C: Other: | 1 | 2 | 33 | 66 |
| Common Space Types:Corridor/Transition <8 ft wide (465 sq.ft.) C AND CE: Other: | 1 | 6 | 33 | 198 |
| Common Space Types:Restrooms (318 sq.ft.) C AND CE: Other: | 1 | 10 | 33 | 330 |
| Common Space Types:Conference/Meeting/Multipurpose (292 sq.ft.) | | | | |

Project Title: CHAMBLEE PUBLIC WORKS OFFICE RENOVATION Report date: 08/30/24
Data filename: H:\jericho Design Group\24362 - Chamblee Public Works Office\Calcs\E\COM CHECK.cck Page 1 of 6

| Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast | A Lamps/ Fixture | B # of Fixtures | C Fixture Watt. | D (C X D) |
|--|------------------------|-----------------------|-----------------------|--------------|
| A AND AE: Other: | 1 | 3 | 30 | 90 |
| C: Other: | 1 | 4 | 33 | 132 |
| Common Space Types:Storage <50 sq.ft. (125 sq.ft.) | | | | |
| B: Other: | 1 | 2 | 30 | 60 |
| C: Other: | 1 | 1 | 33 | 33 |
| Total Proposed Watts = 2463 | | | | |

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

OWEN CONRAD
Name - Title: *Owen Conrad* Signature Date: 08/30/2024

Project Title: CHAMBLEE PUBLIC WORKS OFFICE RENOVATION Report date: 08/30/24
Data filename: H:\jericho Design Group\24362 - Chamblee Public Works Office\Calcs\E\COM CHECK.cck Page 2 of 6



208 Pirkle Ferry Road, Suite C
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CHAMBLEE PUBLIC WORKS
OFFICE RENOVATION

CITY OF CHAMBLEE

3220 CUMBERLAND DRIVE
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Drawn By: CTD Checked By: WK

Date: 02/21/2025 Job No.: 24010

Sheet Title
**SCHEDULES AND
COM CHECK -
ELECTRICAL**

Sheet No.

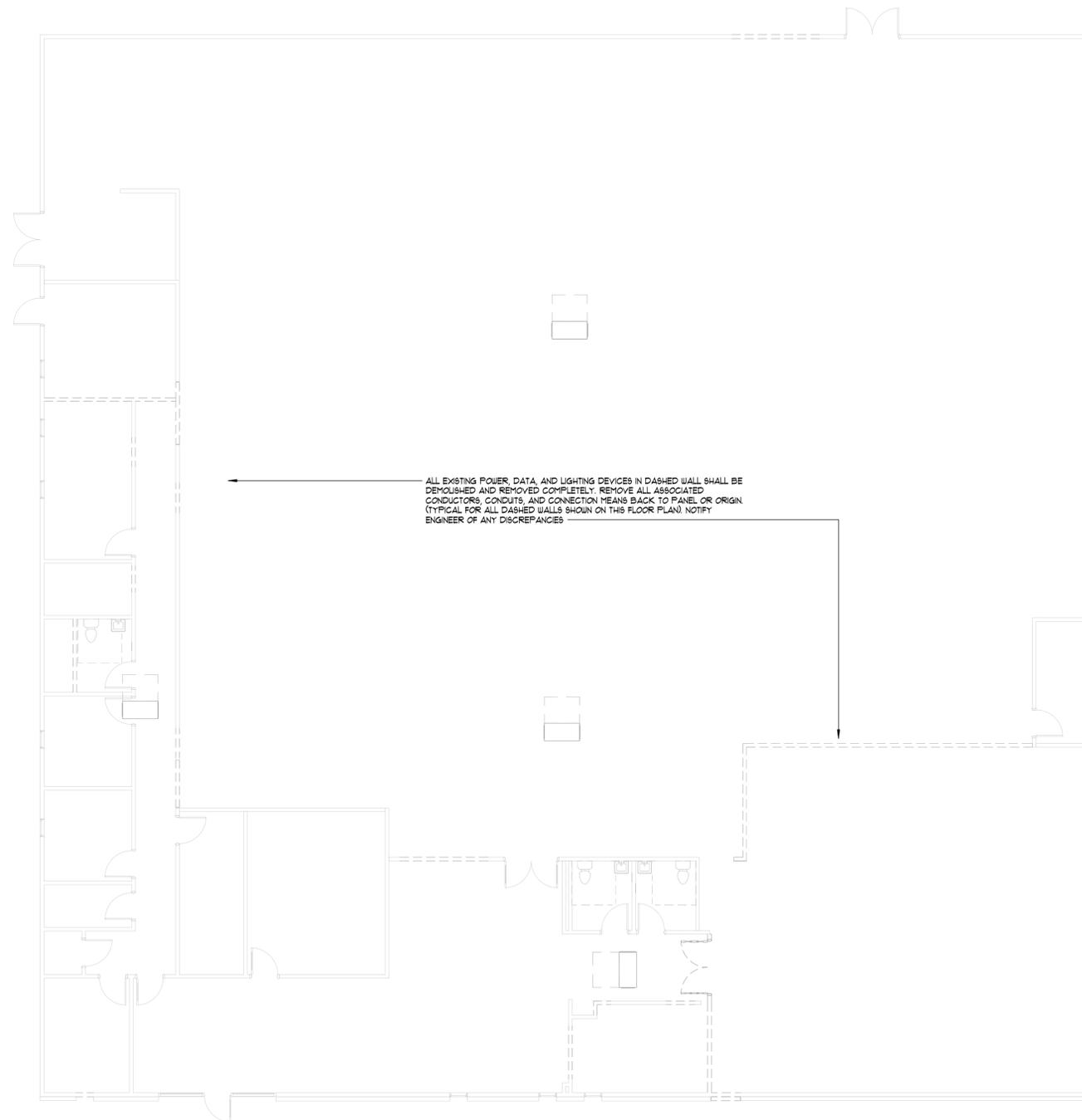
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DEMOLITION PLAN - ELECTRICAL
1/8" = 1'-0"



DEMOLITION NOTES:

1. REMOVE AND DISCARD ALL LIGHT FIXTURES IN AREAS OF WORK. COORDINATE EXACT WORK AREAS WITH ARCHITECTURAL DOCUMENTS. REFER TO LIGHTING PLAN FOR EXISTING FIXTURES TO REMAIN/BE RELOCATED.
2. ALL EXISTING FIXTURES AND MATERIAL SHALL BE DISPOSED OF AT AN APPROVED DISPOSAL FACILITY.
3. WHERE DEMOLITION DISRUPTS THE ELECTRICAL CONTINUITY OF EXISTING RECEPTACLES/LIGHTS AND NO RECONNECTION IS SHOWN, RECONNECT TO IT'S EXISTING CIRCUIT.
4. ALL ABANDONED WIRE SHALL BE REMOVED.
5. ALL ABANDONED CONDUIT AND BOXES THAT ARE NOT IN CONCRETE SHALL BE REMOVED.
6. SEE ELECTRICAL AND LIGHTING PLANS FOR MORE INFORMATION.
7. REFER TO ARCHITECTURAL DRAWINGS FOR FULL SCOPE OF DEMOLITION WORK.

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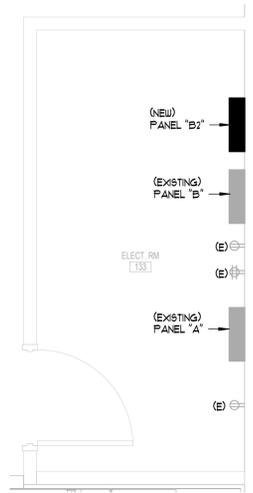
Date 02/21/2025 **Job No.** 24010

Sheet Title
DEMOLITION PLAN - ELECTRICAL

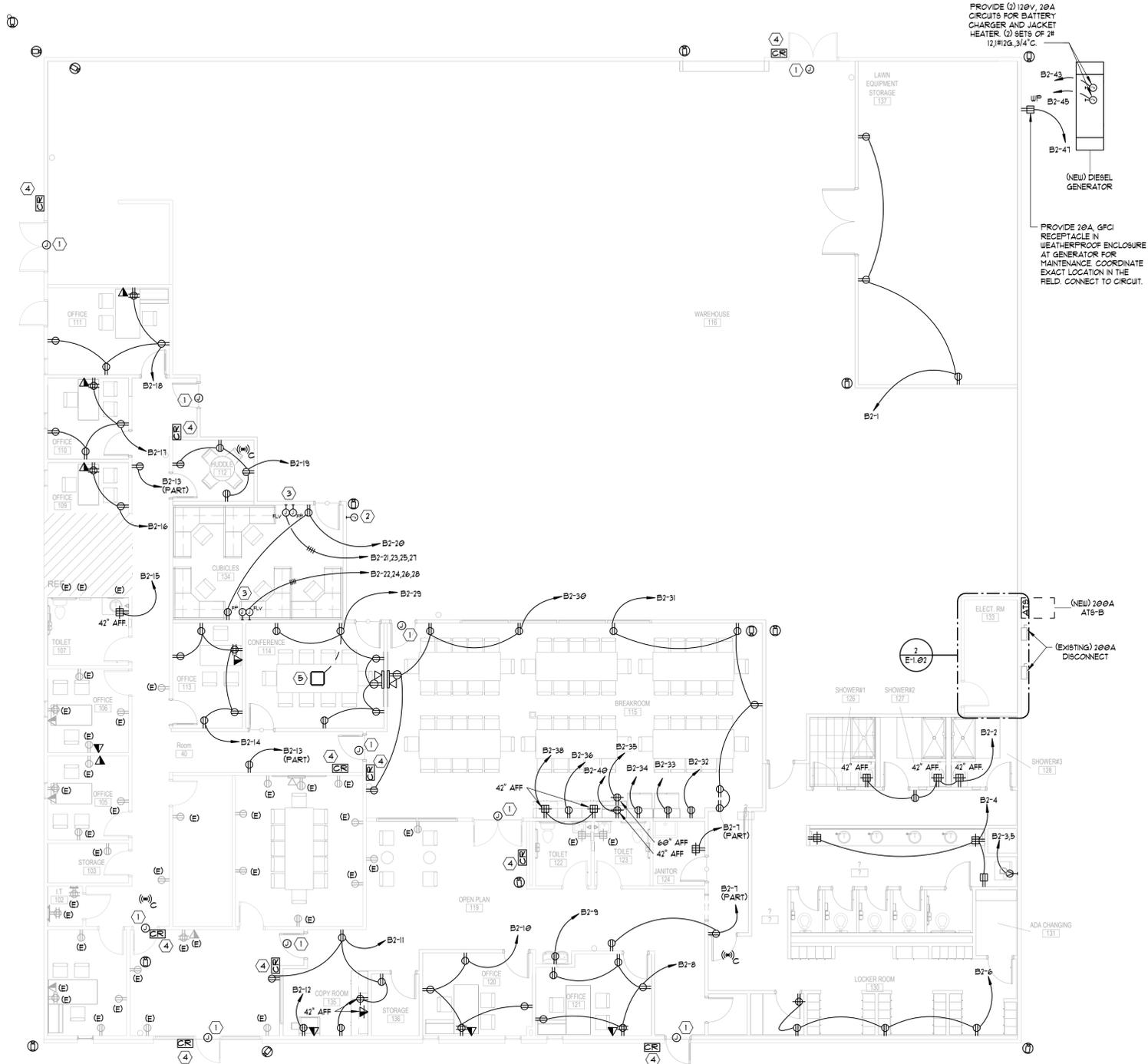
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2 ENLARGED PLAN - ELECT. RM 133
3/8" = 1'-0"



1 FLOOR PLAN - ELECTRICAL
1/8" = 1'-0"
ITEMS UNDERNEATH HATCHING ARE OUT OF SCOPE

GENERAL NOTES:

- LABEL PANELBOARD SCHEDULES PER NEC 408.4.
- DO NOT MOUNT OUTLETS BACK-TO-BACK, OFFSET TO NEXT STUD SPACE.
- FOR HOMERUNS OF 120V, 20A CIRCUITS: WHERE THE LENGTH OF RUN FROM THE CENTER OF THE LOAD EXCEEDS 100' THE CONDUCTOR SHALL BE NO.10 MINIMUM. IF THAT LENGTH EXCEEDS 200' THE CONDUCTOR SHALL BE NO.8 MINIMUM.
- COORDINATE THE EXACT LOCATION OF ALL ELECTRICAL DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN.
- COORDINATE WITH ARCHITECTURAL PLANS FOR DEVICE COLORS AND FINISHES.
- ALL RECEPTACLES IN OFFICES, CORRIDORS, AND WAITING ROOMS SHALL BE TAMPER RESISTANT AS REQUIRED PER NEC 406.12.
- ALL ELECTRICAL DEVICES HALFTONED SHALL BE EXISTING TO REMAIN.

KEY NOTES:

- PROVIDE 120V IN JUNCTION BOX ABOVE DOOR IF NEEDED FOR DOOR AND HARDWARE. CONNECT TO NEAREST 120V CONVENIENCE RECEPTACLE WITH 2# 12/12G, 3/4" C. COORDINATE REQUIREMENTS AND FINAL LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- PROVIDE 120V IN JUNCTION BOX FOR TIME CLOCK. CONNECT TO NEAREST 120V CONVENIENCE RECEPTACLE WITH 2# 12/12G, 3/4" C. COORDINATE REQUIREMENTS AND FINAL LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- PROVIDE DESK FURNITURE FEED SIMILAR TO LEGRAND EVOLUTION SERIES FURNITURE FEED FLOOR BOX WRB6AR-PPFTC OR PRE-APPROVED EQUAL. PROVIDE TRENCHING AND PATCH FLOORING AS NECESSARY. COORDINATE FINAL REQUIREMENTS WITH FURNITURE VENDOR AND ARCHITECT PRIOR TO INSTALLATION.
- PROVIDE BACKBOX WITH 1" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING FOR CARD READER AND ASSOCIATED CONTROL WIRING.
- PROVIDE FLOOR BOX LEGRAND WRB6AR-PPFTC OR PRE-APPROVED EQUAL. PROVIDE TRENCHING AND PATCH FLOORING AS NECESSARY. COORDINATE FINAL REQUIREMENTS WITH FURNITURE VENDOR AND ARCHITECT PRIOR TO INSTALLATION.

PROVIDE (2) 120V, 20A CIRCUITS FOR BATTERY CHARGER AND JACKET HEATER. (2) SETS OF 2# 12/12G, 3/4" C.

PROVIDE 20A, GFCI RECEPTACLE IN WEATHERPROOF ENCLOSURE AT GENERATOR FOR MAINTENANCE. COORDINATE EXACT LOCATION IN THE FIELD. CONNECT TO CIRCUIT.



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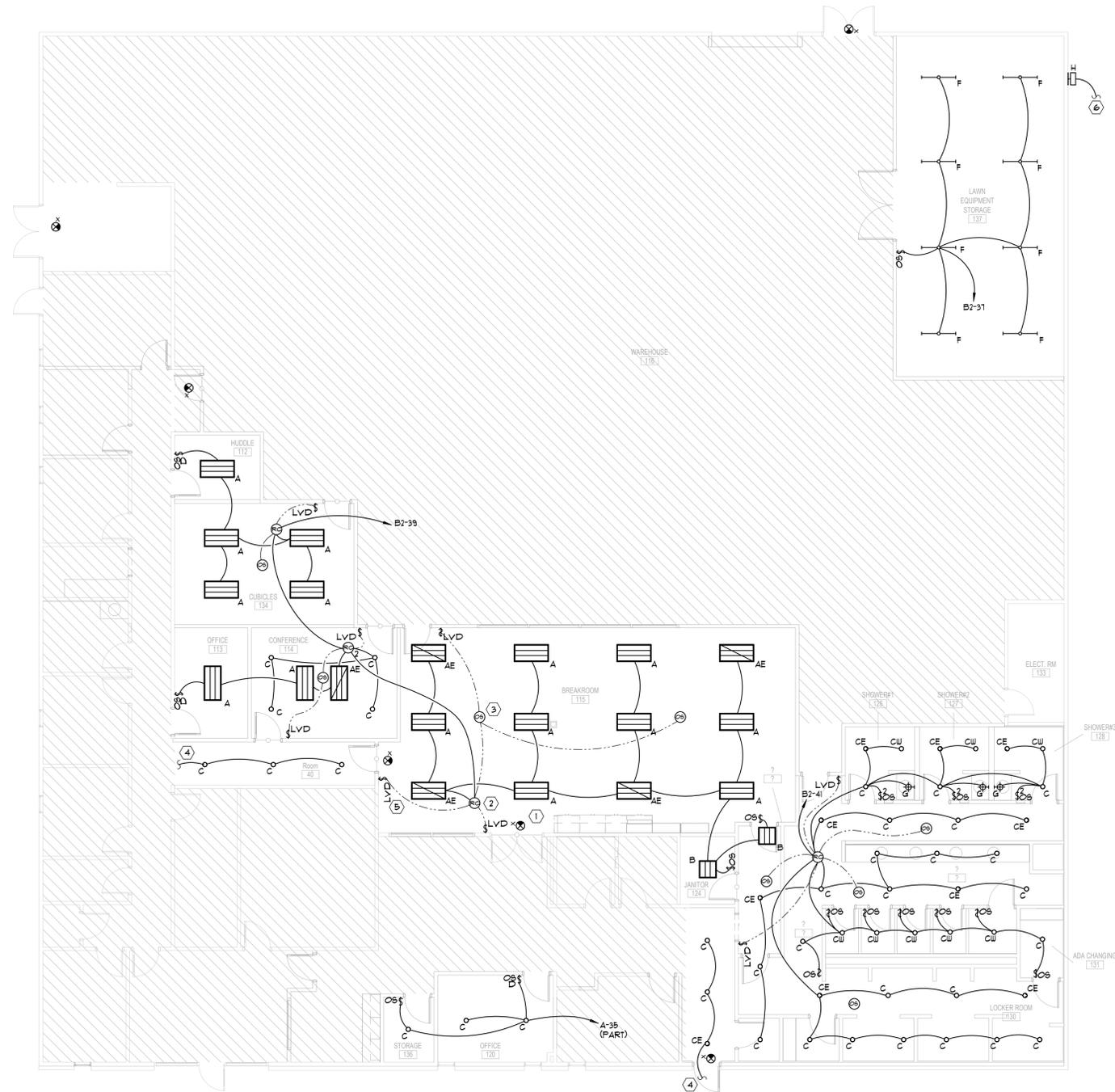
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Sheet Title
FLOOR PLAN - ELECTRICAL

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FLOOR PLAN - LIGHTING
 1/8" = 1'-0"
 NORTH
 [Hatched Area] ITEMS UNDERNEATH HATCHING ARE OUT OF SCOPE

GENERAL NOTES:

- REFER TO ARCHITECTURAL CEILING PLAN FOR EXACT CEILING TYPE AND HEIGHT.
- ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL TRIM AND MOUNTING HARDWARE FOR EACH LIGHTING FIXTURE TO MATCH CEILING IN WHICH IT IS INSTALLED.
- ELECTRICAL CONTRACTOR SHALL MATCH VOLTAGE OF ALL FIXTURES TO THE CIRCUIT IN WHICH THEY ARE CIRCUITED.
- PROVIDE AND INSTALL ALL CONTROL WIRING AND POWER PACK/ROOM CONTROLS AS REQUIRED TO OPERATE OCCUPANCY SENSORS.
- ROUTE UN-SWITCHED 'HOT' CONDUCTORS FEEDING EMERGENCY BATTERY PACKS, EMERGENCY EGRESS FIXTURES AND EXIT SIGNS AROUND LIGHTING CONTROL RELAYS AND SWITCHES.

KEY NOTES:

- EMERGENCY EXIT SIGN. CONNECT TO UN-SWITCHED HOT IN LIGHTING CIRCUIT SERVING THE AREA FOR CONTINUOUS OPERATION AND BATTERY CHARGING. TYPICAL FOR ALL EXIT SIGNS.
- PROVIDE MULTI-ZONE ROOM CONTROLLER W/ TIME CLOCK FUNCTION. SEE NUMBER DENOTED NEXT TO DEVICE FOR NUMBER OF ZONES. ALL ZONES SHALL BE CAPABLE OF UP/DOWN AND ON/OFF SEPARATELY. COORDINATE TIME SETTING WITH ARCHITECT/OWNER PRIOR TO PROGRAMMING. (TYPICAL)
- CEILING MOUNTED OCCUPANCY SENSOR SHALL BE AUTO-OFF AFTER 20 MINUTES OF NO OCCUPANCY IN SPACE/AREA. (TYPICAL)
- CONNECT TO EXISTING CORRIDOR LIGHTING CIRCUIT AND LIGHT CONTROL MEANS.
- LOW-VOLTAGE DIMMING SWITCH SHALL BE UP/DOWN AND ON/OFF CONTROL OF ALL ZONES SEPARATELY WITHIN THE SPACE. SEE ROOM CONTROLLER IN AREA FOR NUMBER OF ZONES. (TYPICAL)
- CONNECT EXTERIOR WALL PACK FIXTURE TO UN-SWITCHED HOT FROM LIGHTING CIRCUIT SERVING THE AREA FOR CONTINUOUS OPERATION AND BATTERY CHARGING. FIXTURE SHALL BE CONTROLLED WITH DAYLIGHT SENSOR.

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Sheet Title
**FLOOR PLAN -
 LIGHTING**

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FLOOR PLAN - MECHANICAL AND FIRE ALARM
1/8" = 1'-0"

KEY NOTES:
① CIRCUIT NEW M.O.D. TO NEAREST CONVENIENCE RECEPTACLE CIRCUIT. (TYPICAL)

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Date 02/21/2025 **Job No.** 24010

Sheet Title
FLOOR PLAN - MECHANICAL AND FIRE ALARM

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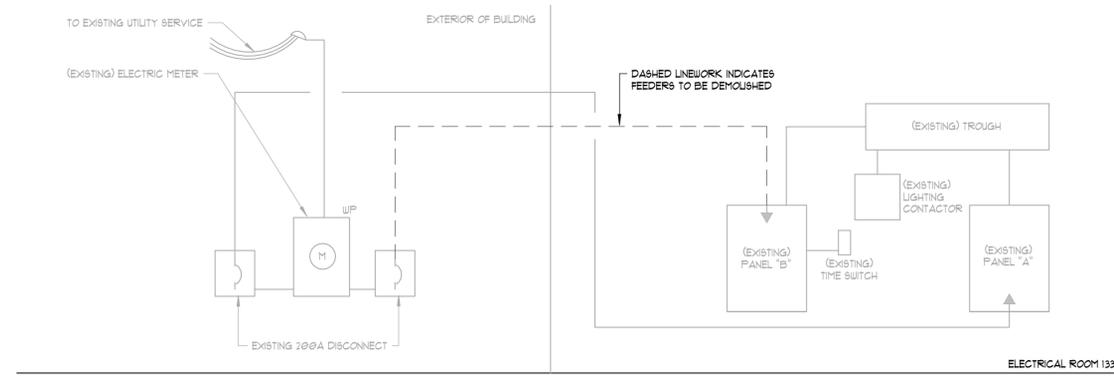
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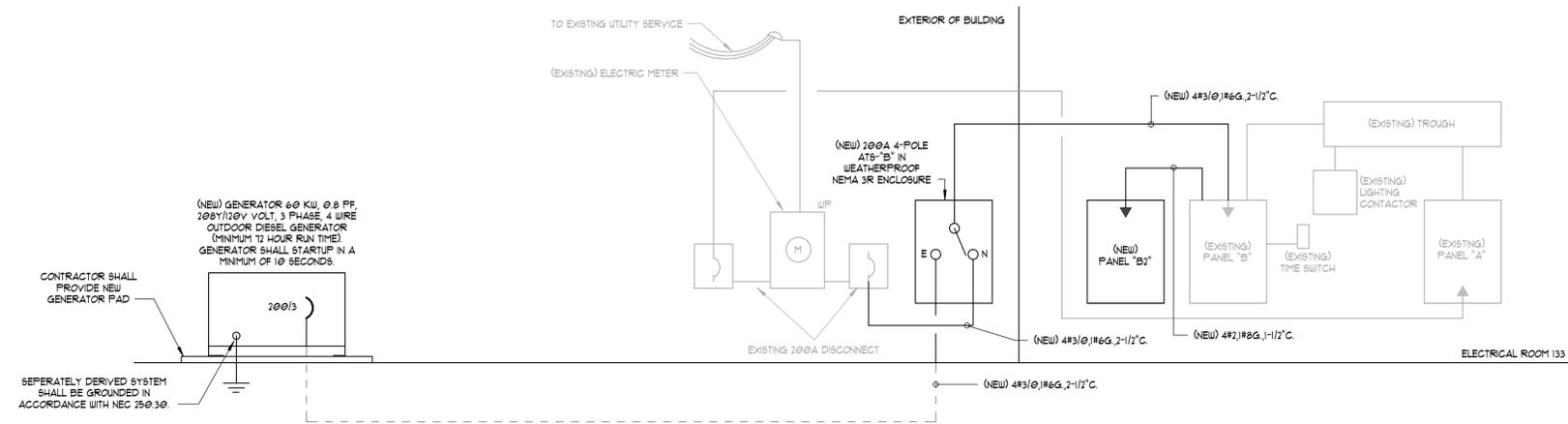
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1 (DEMOLITION) RISER DIAGRAM
NOT TO SCALE

RISER DIAGRAM GENERAL NOTES:

- ALL HALFTONED LNEWK INDICATED ITEMS EXISTING TO REMAIN.



2 (NEW) RISER DIAGRAM
NOT TO SCALE

RISER DIAGRAM GENERAL NOTES:

- ALL HALFTONED LNEWK INDICATED ITEMS EXISTING TO REMAIN.

SPECIAL COORDINATION:

RELOCATE ALL CIRCUITS IN PANEL "A" THAT ARE NOT HVAC OR PLUMBING EQUIPMENT TO PANEL "B2". NOTIFY ENGINEER OF ANY DISCREPANCIES.

(NEW) PANELBOARD "B2" SCHEDULE

| CKT NO | DESCRIPTION | LOAD | NOTE | BKR | PHASE | | | BKR | NOTE | LOAD | DESCRIPTION | CKT NO |
|--------|--------------------|------|------|------|-------|-----|------|-----|------|--------------------|-------------|--------|
| | | | | | A | B | C | | | | | |
| 1 | LAUN EQ STOR | 0.5 | | 20/1 | 1.3 | | 20/1 | | 0.1 | SHOWERS GFI | 2 | |
| 3 | DRYER | 2.5 | | 30/2 | 3.0 | | 20/1 | | 0.5 | 129 - RR REC | 4 | |
| 5 | | 2.5 | | | | 3.2 | 20/1 | | 0.1 | 130 - LCKR RM REC | 6 | |
| 7 | JAN & CONV REC | 0.5 | | 20/1 | 1.4 | | 20/1 | | 0.9 | 121 - OFFICE REC | 8 | |
| 9 | DRINKING FTN | 0.5 | GF | 20/1 | 1.4 | | 20/1 | | 0.9 | 120 - OFF REC | 10 | |
| 11 | COPY & STOR REC | 0.1 | | 20/1 | | 1.9 | 20/1 | | 1.2 | COPIER | 12 | |
| 13 | CORR REC | 0.4 | | 20/1 | 1.4 | | 20/1 | | 1.1 | 113 - OFF REC | 14 | |
| 15 | 101 - RR REC | 0.2 | | 20/1 | | 0.1 | 20/1 | | 0.5 | 109 - OFF REC | 16 | |
| 17 | 110 - OFF REC | 0.9 | | 20/1 | | 1.8 | 20/1 | | 0.9 | 111 - OFF REC | 18 | |
| 19 | 112 - HDDL REC | 0.1 | | 20/1 | 1.1 | | 20/1 | | 0.4 | 134 - CUBICLES | 20 | |
| 21 | DSK FRN FEED | 0.5 | | 20/1 | 1.0 | | 20/1 | | 0.5 | DSK FRN FEED | 22 | |
| 23 | DSK FRN FEED | 0.5 | | 20/1 | | 1.0 | 20/1 | | 0.5 | DSK FRN FEED | 24 | |
| 25 | DSK FRN FEED | 0.5 | | 20/1 | 1.0 | | 20/1 | | 0.5 | DSK FRN FEED | 26 | |
| 27 | DSK FRN FEED | 0.5 | | 20/1 | 1.0 | | 20/1 | | 0.5 | DSK FRN FEED | 28 | |
| 29 | 114 - CONF REC | 1.1 | | 20/1 | | 1.8 | 20/1 | | 0.1 | 115 - BRK RM REC | 30 | |
| 31 | 115 - BRK RM REC | 0.9 | | 20/1 | 1.1 | | 20/1 | GF | 0.2 | 115 - BRK RM DED | 32 | |
| 33 | REFRIGERATOR | 1.0 | GF | 20/1 | 2.0 | | 20/1 | GF | 1.0 | REFRIGERATOR | 34 | |
| 35 | 115 - BRK RM MICRO | 2.0 | GF | 20/1 | | 3.5 | 20/1 | GF | 1.5 | 115 - BRK RM DISPO | 36 | |
| 37 | LAUN EQ STOR LTG | 0.2 | | 20/1 | 0.6 | | 20/1 | | 0.4 | 115 - BRK RM REC | 38 | |
| 39 | BRK RM LTG | 0.9 | | 20/1 | 2.4 | | 20/1 | GF | 1.5 | 115 - BRK RM MICRO | 40 | |
| 41 | RR & LCKR LTG | 1.4 | | 20/1 | | 1.4 | | | 0.0 | SPACE | 42 | |
| 43 | JACKET HEATER | 0.5 | | 20/1 | 0.5 | | | | 0.0 | SPACE | 44 | |
| 45 | GENERATOR BATTERY | 0.5 | | 20/1 | 0.5 | | | | 0.0 | SPACE | 46 | |
| 47 | GEN RECLTGT | 0.0 | | 20/1 | | 0.0 | | | 0.0 | SPACE | 48 | |
| 49 | SPARE | 0.0 | | 20/1 | 0.0 | | | | 0.0 | SPACE | 50 | |
| 51 | SPARE | 0.0 | | 20/1 | 0.0 | | | | 0.0 | SPACE | 52 | |
| 53 | SPARE | 0.0 | | 20/1 | 0.0 | | | | 0.0 | SPACE | 54 | |

| | | | | | | | |
|-------------|------|--------------|------|---------------|------------|------|--|
| LIGHTING: | 2.5 | X 125% = | 3.1 | TOTAL BUS KVA | | | |
| RECEPT: | 21.1 | X NEC 220.44 | 18.6 | A | B | C | |
| MOTORS: | 0.0 | X 100% | 0.0 | 8.4 | 12.1 | 14.1 | |
| A/C: | 0.0 | X 100% | 0.0 | | | | |
| HEATING: | 0.0 | X 100% | 0.0 | GF | GFCI | | |
| KITCHEN: | 0.0 | X NEC 220.56 | 0.0 | | | | |
| CONTINUOUS: | 5.5 | X 100% | 5.5 | ST | SHUNT TRIP | | |
| TOTAL KVA: | 35.2 | CALC KVA | 21.2 | AF | ARC FLASH | | |
| TOTAL AMPS: | 91.1 | CALC AMPS | 75.6 | | | | |

(EXISTING) PANELBOARD "B" SCHEDULE

| CKT NO | DESCRIPTION | LOAD | NOTE | BKR | PHASE | | | BKR | NOTE | LOAD | DESCRIPTION | CKT NO |
|--------|------------------|------|------|------|-------|------|-------|-----|------|-----------------|-------------|--------|
| | | | | | A | B | C | | | | | |
| 1 | LOBBY TV | 0.4 | | 20/1 | 1.4 | | 20/1 | | 1.0 | CAGE LTG | 2 | |
| 3 | AV QUAD 1 | 0.4 | | 20/1 | 1.4 | | 20/1 | | 1.0 | OUT LTG | 4 | |
| 5 | FRIDGE | 1.0 | | 30/2 | | 2.0 | 20/1 | | 1.0 | CAGE LTG | 6 | |
| 7 | RECPD DESK QUAD | 0.4 | | 1.4 | | 20/1 | 1.0 | | 1.0 | CAGE LTG | 8 | |
| 9 | AV QUAD 2 | 0.4 | | 20/1 | 1.4 | | 20/1 | | 1.0 | CAGE LTG | 10 | |
| 11 | OFFICE & BRK REC | 0.7 | | 20/1 | 1.1 | 1.7 | 20/1 | | 1.0 | CAGE LTG | 12 | |
| 13 | BRK RM REC | 0.5 | | 20/1 | 1.5 | | 20/1 | | 1.0 | CAGE LTG | 14 | |
| 15 | OFFICE & BRK REC | 0.7 | | 20/1 | 1.1 | | 20/1 | | 1.0 | CAGE LTG | 16 | |
| 17 | CONF RM TV | 0.4 | | 20/1 | 1.4 | | 20/1 | | 1.0 | CAGE LTG | 18 | |
| 19 | SPARE | 0.0 | | 20/1 | 1.0 | | 20/1 | | 1.0 | CAGE LTG | 20 | |
| 21 | SPARE | 0.0 | | 20/1 | 1.0 | | 20/1 | | 1.0 | CAGE LTG | 22 | |
| 23 | SPARE | 0.0 | | 20/1 | 0.7 | | 20/1 | | 0.7 | OFFICE | 24 | |
| 25 | OFFICE | 0.7 | | 20/1 | 1.4 | | 20/1 | | 0.7 | OFFICE | 26 | |
| 27 | RECEPTION LTG | 0.4 | | 20/1 | 1.1 | | 20/1 | | 0.7 | OFFICE | 28 | |
| 29 | ICE MACH. | 0.6 | | 20/1 | 1.6 | | 20/1 | | 1.0 | PITCH MACHINE 1 | 30 | |
| 31 | EM LTG | 1.0 | | 20/1 | 2.0 | | 20/1 | | 1.0 | PITCH MACHINE 2 | 32 | |
| 33 | LOBBY REC | 0.5 | | 20/1 | 0.9 | | 20/1 | | 0.4 | ATT REC | 34 | |
| 35 | THERAPY RM | 0.4 | | 20/1 | 0.4 | | 20/1 | | 0.0 | SPARE | 36 | |
| 37 | WEIGHT RM | 0.4 | | 20/1 | 0.7 | | | | 0.4 | | 38 | |
| 39 | SPARE | 0.0 | | | 12.1 | | 100/3 | | 2 | PANEL "B2" | 40 | |
| 41 | SPARE | 0.0 | | | | 14.1 | | | | | 42 | |

| | | | | | | | |
|-------------|-------|--------------|-------|---------------|------------|------|--|
| LIGHTING: | 13.5 | X 125% = | 16.9 | TOTAL BUS KVA | | | |
| RECEPT: | 40.4 | X NEC 220.44 | 25.2 | A | B | C | |
| MOTORS: | 0.0 | X 100% | 0.0 | 11.4 | 19.6 | 22.4 | |
| A/C: | 0.0 | X 100% | 0.0 | | | | |
| HEATING: | 0.0 | X 100% | 0.0 | GF | GFCI | | |
| KITCHEN: | 0.0 | X NEC 220.56 | 0.0 | | | | |
| CONTINUOUS: | 5.5 | X 100% | 5.5 | ST | SHUNT TRIP | | |
| TOTAL KVA: | 59.4 | CALC KVA | 41.6 | AF | ARC FLASH | | |
| TOTAL AMPS: | 165.2 | CALC AMPS | 132.3 | | | | |

(EXISTING) PANELBOARD "A" SCHEDULE

| CKT NO | DESCRIPTION | LOAD | NOTE | BKR | PHASE | | | BKR | NOTE | LOAD | DESCRIPTION | CKT NO |
|--------|------------------|------|------|------|-------|-----|------|-----|------|------|------------------|--------|
| | | | | | A | B | C | | | | | |
| 1 | EXISTING | 2.0 | | 60/2 | 3.0 | | 20/1 | | 2 | 1.0 | SECURITY SYSTEM | 2 |
| 3 | | 2.0 | | 20/1 | 3.0 | | 20/1 | | 2 | 1.0 | EXISTING | 4 |
| 5 | EXISTING | 1.0 | | 20/1 | | 3.0 | 60/2 | | 2 | 2.0 | EXISTING | 6 |
| 7 | SPACE | 0.0 | | | 2.0 | | | | 2 | 2.0 | EXISTING | 8 |
| 9 | EXISTING | 2.0 | | 60/2 | | 4.0 | | | 2 | 2.0 | OFFICE FURNACE 2 | 10 |
| 11 | | 2.0 | | 20/1 | | 4.0 | 60/2 | | 2 | 2.0 | OFFICE FURNACE 2 | 12 |
| 13 | OFFICE FURNACE 1 | 2.0 | | 60/2 | 3.1 | | | | | 1.1 | OFFICE A/C 1 | 14 |
| 15 | | 2.0 | | | 3.1 | | 30/3 | | 2 | 1.1 | OFFICE A/C 1 | 16 |
| 17 | | 1.1 | | | | 2.2 | | | | 1.1 | OFFICE A/C 1 | 18 |
| 19 | OFFICE A/C 2 | 1.1 | | 30/3 | 2.8 | | | | 2 | 1.1 | WATER HEATER | 20 |
| 21 | | 1.1 | | | 2.8 | | 30/2 | | 2 | 1.7 | WATER HEATER | 22 |
| 23 | SPACE | 0.0 | | 2 | | 0.0 | | | 2 | 0.0 | SPACE | 24 |
| 25 | | 1.1 | | | 2.2 | | | | | 1.1 | EXISTING | 26 |
| 27 | EXISTING | 1.1 | | 30/3 | 2.2 | | 30/3 | | 2 | 1.1 | EXISTING | 28 |
| 29 | | 1.1 | | | | 2.2 | | | | 1.1 | EXISTING | 30 |
| 31 | SPACE | 0.0 | | 20/1 | 0.0 | | | | 2 | 0.0 | SPACE | 32 |
| 33 | SPACE | 0.0 | | 20/1 | | 5.4 | | | 3 | 5.4 | AHU-5 | 34 |
| 35 | SPACE | 0.0 | | 20/1 | | 3.8 | 60/2 | | 3 | 3.8 | AHU-5 | 36 |
| 37 | SPACE | 0.0 | | 20/1 | 4.1 | | | | | 4.1 | WH-1 | 38 |
| 39 | | 2.1 | | | 6.8 | | 80/3 | | 3 | 4.1 | WH-1 | 40 |
| 41 | HP-5 | 2.7 | | 50/2 | | 6.8 | | | | 4.1 | WH-1 | 42 |

| | | | | | | | |
|-------------|-------|--------------|-------|---------------|------------|------|--|
| LIGHTING: | 0.0 | X 125% = | 0.0 | TOTAL BUS KVA | | | |
| RECEPT: | 0.0 | X NEC 220.44 | 0.0 | A | B | C | |
| MOTORS: | 1.7 | X 100% | 1.7 | 11.2 | 21.3 | 22.0 | |
| A/C: | 6.6 | X 100% | 6.6 | GF | GFCI | | |
| HEATING: | 36.6 | X 100% | 36.6 | | | | |
| KITCHEN: | 0.0 | X NEC 220.56 | 0.0 | | | | |
| CONTINUOUS: | 21.6 | X 100% | 21.6 | ST | SHUNT TRIP | | |
| TOTAL KVA: | 66.5 | CALC KVA | 66.5 | AF | ARC FLASH | | |
| TOTAL AMPS: | 184.7 | CALC AMPS | 184.7 | | | | |

**CHAMBLEE PUBLIC WORKS
OFFICE RENOVATION**

CITY OF CHAMBLEE

3220 CUMBERLAND DRIVE
CHAMBLEE, GEORGIA 30041

PRINT RECORD

| No. | DATE | DESCRIPTION |
|------------|------|-------------------|
| 12-20-24 | | ISSUED FOR PERMIT |
| 02-04-25 | | ISSUED FOR BID |
| 02/21/2025 | | ADDENDUM A |

Drawn By: CTD
Checked By: WK

Date: 02/21/2025
Job No.: 24010

**Sheet Title
PANEL SCHEDULES
AND RISER DIAGRAM**

Sheet No.

E-2.01

RELEASED FOR CONSTRUCTION

1/31/2025 3:25:49 PM