



1520 Prudential Drive, Jacksonville, FL 32207
 904.353.5900 [o] 904.353.5968 [f]
 Email info@g4designinc.com, AA26001912

Project Team

Owner:

The Vestcor Companies, Inc.
 3030 Hartley Rd, #310 | Jacksonville, FL 32257

Architect / Interior Designer:

Group 4 Design, Inc
 1520 Prudential Dr | Jacksonville FL 32207
 904.353.5900 [o]

Mechanical & Plumbing Engineer:

Gregory Engineering
 4567 Deep River Pl | Jacksonville, FL 23334
 904.714.5188

Electrical Engineer:

Shaffer Engineering Group
 12058 San Jose Blvd | Jacksonville, FL 32223
 904.239.3621

VESTCOR OFFICE RENOVATION

1649 ATLANTIC BOULEVARD
 JACKSONVILLE, FL 32207

Set Type: Permit Set

Date: April 22, 2022

Project Number: 22.0017.00

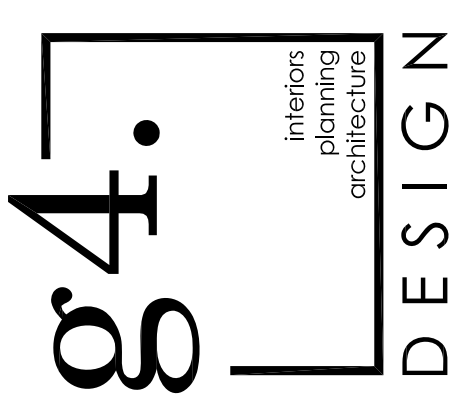
DRAWING INDEX

| SHEET | SHEET TITLE | 04-22-2022 | | SHEET | SHEET TITLE | 04-22-2022 | |
|-------------------|--------------------------------------|------------|--|------------------------|--------------------------------------|------------|--|
| | | PERMIT | | | | PERMIT | |
| ELECTRICAL | | | | INTERIOR DESIGN | | | |
| E001 | ELECTRICAL NOTES, LEGEND, & SCHEDULE | • | | ID001 | GENERAL PROJECT NOTES & CONDITIONS | • | |
| E002 | LIGHTING CONTROL SCHEDULE | • | | | | | |
| E003 | ELECTRICAL PANEL SCHEDULES | • | | ID010 | PROJECT & CODE SUMMARY | • | |
| | | | | | | | |
| E101 | ELECTRICAL PLANS 1ST FLOOR | • | | ID020 | INTERIOR FINISH LIST & GENERAL NOTES | • | |
| E102 | ELECTRICAL PLANS 2ND FLOOR | • | | | | | |
| E103 | ELECTRICAL PLANS ROOF | • | | ID030 | LIFE SAFETY PLAN | • | |
| | | | | | | | |
| E201 | ELECTRICAL RISER DIAGRAMS & DETAILS | • | | ID040 | ADA ACCESSIBILITY GUIDELINES | • | |
| E202 | ELECTRICAL DETAILS | • | | ID041 | ADA ACCESSIBILITY GUIDELINES | • | |
| | | | | | | | |
| E301 | ELECTRICAL SPECIFICATIONS | • | | ID060 | PARTITION TYPES | • | |
| | | | | | | | |
| | | | | ID101 | FIRST FLOOR DEMOLITION PLAN | • | |
| | | | | ID102 | SECOND FLOOR DEMOLITION | • | |
| | | | | | | | |
| | | | | ID111 | FIRST FLOOR PLAN | • | |
| | | | | ID112 | SECOND FLOOR PLAN | • | |
| | | | | | | | |
| | | | | ID201 | FIRST FLOOR INTERIOR FINISH PLAN | • | |
| | | | | ID202 | SECOND FLOOR INTERIOR FINISH PLAN | • | |
| | | | | | | | |
| | | | | ID300 | INTERIOR ELEVATIONS | • | |
| | | | | ID301 | INTERIOR ELEVATIONS | • | |
| | | | | ID302 | INTERIOR ELEVATIONS | • | |
| | | | | | | | |
| | | | | ID400 | INTERIOR DETAILS | • | |
| | | | | | | | |
| | | | | ID700 | DOOR FRAME AND SCHEDULE | • | |
| | | | | | | | |
| | | | | ID900 | LIGHTING SPECS & CEILING DETAILS | • | |
| | | | | ID901 | FIRST FLOOR REFLECTED CEILING PLAN | • | |
| | | | | ID902 | SECOND FLOOR REFLECTED CEILING PLAN | • | |
| | | | | | | | |
| MECHANICAL | | | | MECHANICAL | | | |
| M101 | MECHANICAL PLAN FIRST FLOOR | • | | | | | |
| M102 | MECHANICAL PLAN SECOND FLOOR | • | | | | | |
| M102 | MECHANICAL PLAN ROOF | • | | | | | |
| | | | | | | | |
| M201 | MECHANICAL DETAILS | • | | | | | |
| M202 | MECHANICAL SCHEDULES | • | | | | | |
| | | | | | | | |
| M301 | MECHANICAL SPECIFICATIONS | • | | | | | |
| | | | | | | | |
| PLUMBING | | | | PLUMBING | | | |
| P101 | PLUMBING DEMO PLAN FIRST FLOOR | • | | | | | |
| P102 | PLUMBING DEMO PLAN SECOND FLOOR | • | | | | | |
| P103 | PLUMBING PLAN FIRST FLOOR | • | | | | | |
| P104 | PLUMBING PLAN SECOND FLOOR | • | | | | | |
| | | | | | | | |
| P201 | PLUMBING DETAILS & RISER DIAGRAM | • | | | | | |
| | | | | | | | |
| P301 | PLUMBING SPECIFICATIONS | • | | | | | |



VESTCOR OFFICE RENO
 1649 ATLANTIC BOULEVARD
 JACKSONVILLE, FL 32207

Set Type: Permit Set
 Date: April 22, 2022
 Project Number: 22.0017.00



| AREA, BUILDING | | | |
|----------------|----------|------|----------|
| | EXISTING | NEW | TOTAL |
| 1ST FLOOR | 3,305 SF | 0 SF | 3,305 SF |
| 2ND FLOOR | 3,248 SF | 0 SF | 3,248 SF |

NOTE: AREA, BUILDING AS DEFINED BY FBC 7TH EDITION (2020). THE AREA INCLUDED WITHIN SURROUNDING EXTERIOR WALLS (OR EXTERIOR WALLS AND FIRE WALLS) EXCLUSIVE OF VENT SHAFTS AND COURTS. AREAS OF THE BUILDING NOT PROVIDED WITH SURROUNDING WALLS SHALL BE INCLUDED IN THE BUILDING AREA IF SUCH AREAS ARE INCLUDED WITHIN THE HORIZONTAL PROJECTION OF THE ROOF OR FLOOR ABOVE.

| PROJECT SUMMARY | | | |
|---------------------|---|-----------------|--|
| PROJECT | 1649 ATLANTIC | JURISDICTION | DUVAL COUNTY, FLORIDA |
| PROJECT DESCRIPTION | EXISTING (2) TWO STORY UNSPRINKLERED OFFICE BUILDING RENOVATION TOTALING 6,553 SF | CODE COMPLIANCE | FLORIDA BUILDING CODE SEVENTH EDITION (2020) [FBC] ACCESSIBILITY [FBC-A] BUILDING [FBC-B] ENERGY CONSERVATION [FBC-EC] EXISTING BUILDING [FBC-EB] MECHANICAL [FBC-M] PLUMBING [FBC-P] FLORIDA FIRE PREVENTION CODE SEVENTH EDITION [FFPC] NATIONAL ELECTRIC CODE 2017 EDITION (NFPA 70-14) [NEC] |

1520 Prudential Drive | Jacksonville, FL 32207
904.353.9900 (a) 904.353.5968 (f)
Email info@g4designinc.com | AA26001912



| CODE REVIEW SUMMARY | | | | | | |
|---|--|-----------------------------|--|---|----------------------------|---|
| FLORIDA BUILDING CODE, BUILDING [FBC-B] | | | FLORIDA FIRE PREVENTION CODE [FFPC] | | | |
| | FBC CODE REFERENCE | CODE REQD | BUILDING | FFPC CODE REFERENCE | CODE REQD | BUILDING |
| OCCUPANCY CLASSIFICATION | CHAPTER 3 | - | B | CHAPTER 6 | - | EXIST / NEW BUSINESS (CH 30) |
| TYPE OF CONSTRUCTION | CHAPTER 6 | TYPE IIB | TYPE IIB | § 8.2.1 (NOTE A) | RE: FBC (NOTE A,B) | IIB |
| ALLOWABLE BUILDING HEIGHT ABOVE GRADE PLANE | TABLE 504.3 | 55 FT (NON-SPRINKLERED) | EXISTING | | | |
| ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE | TABLE 504.4 | 3 STORIES (NON-SPRINKLERED) | 2 STORIES | | | |
| ALLOWABLE AREA (PER FLOOR) AS DEFINED BY DEFINITION OF "AREA, BUILDING" | § 506 TABLE 506.2 | 23,000 SF (NOTE 1) | 3,305 SF (NOTE 1-1) | | | |
| FIRE-RESISTANCE RATING - BUILDING ELEMENTS | | | | | | |
| STRUCTURAL FRAME | TABLE 601 | 0 | 0 | | | |
| BEARING WALLS (EXTERIOR) | | 0 | 0 | | | |
| BEARING WALLS (INTERIOR) | | 0 | 0 | | | |
| NONBEARING WALLS & PARTITIONS (EXT) | TABLE 602 | SEE BELOW | 0 | | | |
| NONBEARING WALLS & PARTITIONS (INT) | | 0 | 0 | | | |
| FLOOR CONSTRUCTION & SECONDARY MEMBERS | | 0 | 0 | | | |
| ROOF CONSTRUCTION & SECONDARY MEMBERS | | 0 | 0 | | | |
| FIRE-RESISTANCE RATING - EXTERIOR WALLS | | | | | | |
| FIRE SEPARATION DISTANCE = X (FEET) | TABLE 602 | | | | | |
| X < 5 FT | | 1 | N/A | | | |
| 5 ≤ X < 10 | | 1 | N/A | | | |
| 10 ≤ X < 30 | | 0 | N/A | | | |
| X ≥ 30 | | 0 | 0 | | | |
| MAX AREA OF EXTERIOR WALL OPENINGS | | | | | | |
| DISTANCE - (UP, NS) OPENINGS (FEET) | TABLE 705.8 | UNPROTECTED | UNPROTECTED | | | |
| 0 TO LESS THAN 3 | | NOT PERMITTED | N/A | | | |
| 3 TO LESS THAN 5 | | NOT PERMITTED | N/A | | | |
| 5 TO LESS THAN 10 | | 10% | N/A | | | |
| 10 TO LESS THAN 15 | | 15% | N/A | | | |
| 15 TO LESS THAN 20 | | 25% | N/A | | | |
| 20 TO LESS THAN 25 | | 45% | N/A | | | |
| 25 TO LESS THAN 30 | | 70% | N/A | | | |
| 30 OR GREATER | | NO LIMIT | NO LIMIT | | | |
| FIRE PARTITIONS | | | | | | |
| CORRIDORS | § 708 § 708.3 TABLE 1020.1 | 1 HR (NON-SPRINKLERED) | N/A | CHAPTER 8 § 30.3.6.1.2 (NOTE B.A.) § 30.3.7.2 (NOTE B.B.) | 0 HR | 0 HR |
| FLOOR AND ROOF ASSEMBLIES | | | | | | |
| HORIZONTAL SEPARATION | § 711 § 420.3 & 711 (NOTE 3) | 0 HR | 0 HR | § 30.3.7.2 (NOTE B.B.) § 9.7 § 30.3.5.2 | 0 HR | 0 HR |
| FIRE PROTECTION | | | | | | |
| MEANS OF EGRESS | | | | | | |
| OCCUPANT LOAD | CHAPTER 9 (NOTES 4, 5 & 6) CHAPTER 10 TABLE 1004.1.2 | N/A | N/A | CHAPTER 7 TABLE 7.3.1.2 | RE: A030 | FLR 1 - 23 PPL FLR 2 - 22 PPL 1 EGRESS PATHS (45 PPL) |
| REQUIRED EGRESS WIDTH | § 1005.3.1 (STAIR) § 1005.3.2 (OTHER) | 0.3 | 23* .3 = 6.9" REOD 44" (MIN) PROVIDED | TABLE 7.3.3.1 | 0.3 (STAIR) 0.2 (OTHER) | 23* .3 = 6.9" REOD 44" (MIN) PROVIDED |
| MINIMUM NUMBER OF EXITS | § 1006.2.1 TABLE 1006.2.1 | 2 (1 OCCUPANT LOAD < 50) | RE: A030 | § 7.4.1.1 | 2 (1 CODE PERMITTING) | RE: A030 |
| COMMON PATH OF TRAVEL | TABLE 1006.2.1 | A: 75 FT B: 100 FT | RE: A030 | A: § 12.2.5.1.2 B: § 38.2.5.3.1 | 75 FT 100 FT | RE: A030 |
| MIN CLEAR OPENINGS OF DOOR | § 1010.1.1 | 32" | 33" | § 7.2.1.2.3.2 | 32" | 33" |
| MINIMUM STAIR WIDTH | § 1011.2 | 44" | 44" | § 7.2.2.1.2 | 44" | 44" |
| EXIT ACCESS TRAVEL DISTANCE | TABLE 1017.2 | A: 200 FT B: 200 FT | RE: A030 | A: § 12.2.6.2 B: § 38.2.6.3 | 200 FT 200 FT | RE: A030 |
| MIN CORRIDOR / AISLE WIDTH | TABLE 1020.2 | 36" | 48" | § 7.3.4 | 36" | 48" |
| MAX DEAD END | § 1020.4 | A: 20 FT B: 20 FT | RE: A030 | A: § 12.2.5.1.3 B: § 38.2.5.2.1 | 20 FT 20 FT | RE: A030 |

PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

DO NOT SCALE THE DRAWINGS. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. SCALE NOTED IS FOR FULL "ANSI-D" SIZE PRINTS.

CONTRACTOR SHALL CHECK & VERIFY ALL JOB SITE CONDITIONS.

© 2022 Group 4 Design, Inc.

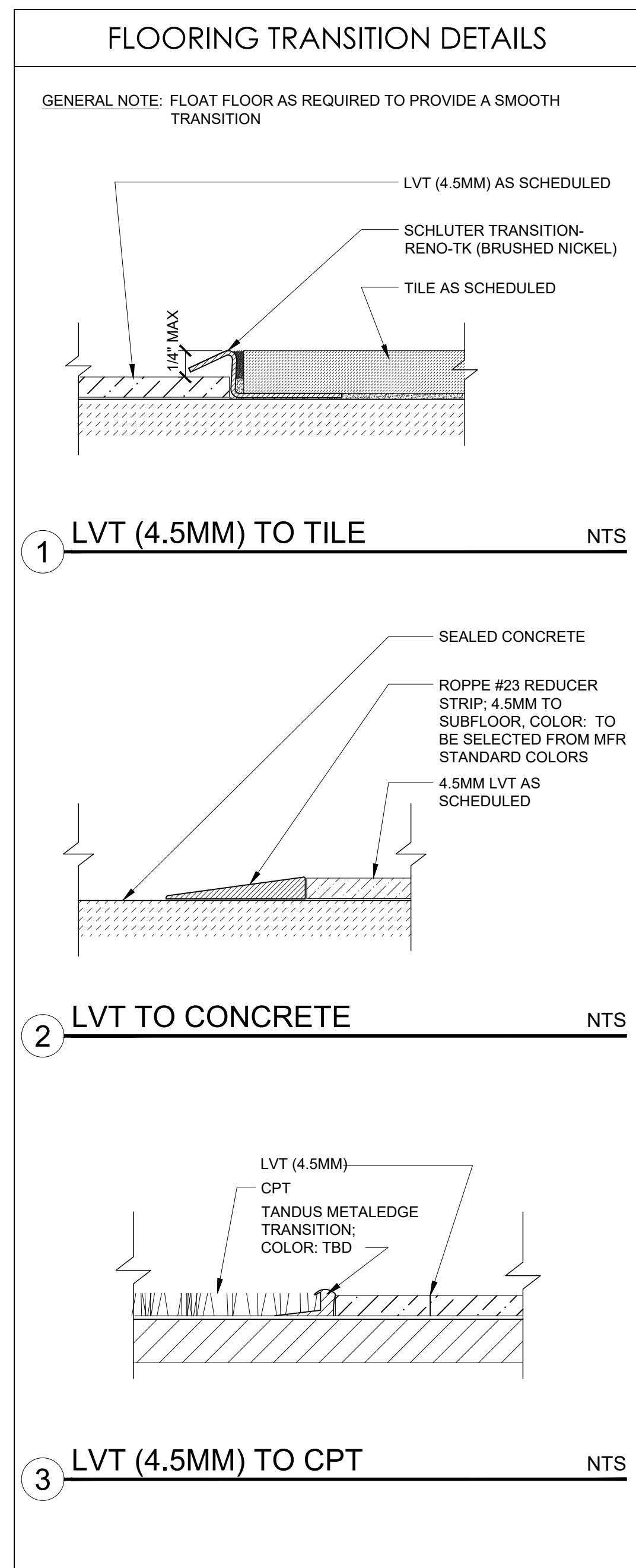
Not Valid for Permitting Without Contractor Signature, Raised Seal, and Date

| No. | Date | By | Description |
|-----|----------|-----|-------------|
| 01 | 04.22.22 | JCW | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

Project Number: 22.0017.00
 Drawn By: JW
 Checked By:
 Project Name:
 1649 ATLANTIC
 OFFICE RENOVATION
 JACKSONVILLE, FL
 Drawing Name:
 PROJECT AND
 CODE SUMMARY

ID010

| APPLIANCE LIST | |
|----------------|--|
| APP-1 | <p>REF - GE APPLIANCES MFR - 22-1 CU. FT. COUNTER DEPTH FINGERPRINT RESISTANT FRENCH-DOOR REFRIGERATOR PRODUCT - GYEZ2GYNFS</p> <p>ITEM # - STAINLESS STEEL FINISH - STAINLESS STEEL SIZE - 35-3/4"W x 31-1/4"D x 70-1/2"H</p> |
| APP-2 | <p>BEVERAGE CENTER MFR - GE APPLIANCES PRODUCT - SERIES BEVERAGE CENTER ITEM # - PVS06BSPSS COLOR - STAINLESS STEEL SIZE - 23-1/2"W x 24-5/8"D x 33-3/4"H</p> |
| APP-3 | <p>ICE MAKER MFR - GE APPLIANCES PRODUCT - 15" BUILT-IN GOURMET CLEAR ICE MAKER ITEM # - UCC15NPRII</p> |
| APP-4 | <p>COFFEE MACHINE MFR - MIELE PRODUCT - BUILT-IN COFFEE MACHINE ITEM # - CVA7840 COLOR - STAINLESS STEEL SIZE - 23-1/2"W x 18-3/4"D x 18"H</p> |
| APP-5 | <p>MICROWAVE MFR - GE APPLIANCES PRODUCT - 2.2 CU. FT. BUILT-IN SENSOR MICROWAVE OVEN ITEM # - PEB7227ANDD COLOR - GRAY SIZE - 24-1/8"W x 19-3/4"D x 14"H</p> |
| APP-6 | <p>DISHWASHER MFR - FISHER AND PAYKEL PRODUCT - SINGLE DISH DRAWER ITEM # - DD24SCTX9N COLOR - STAINLESS STEEL SIZE - 23-9/16"W x 22-9/16"D x 17-7/8"H</p> |



- ### CASEWORK GENERAL NOTES
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL CASEWORK.
 - ALL CABINETS TO BE EUROPEAN STYLE FRAMELESS CONSTRUCTION, 110° SOFT CLOSE HINGES WITH FULL-EXTENSION, SOFT CLOSE DRAWER GLIDES; STEEL PADDE-STYLE SHELF PINS, UNO DOOR STYLE: SLAB, UNO HARDWARE: HD-1, UNO; HD-2 AT COPY/PRINT AREAS
 - ALL EXPOSED AND SEMI-EXPOSED SURFACES TO MATCH SPECIFIED CABINET EXTERIOR, WHITE MELAMINE CABINET LINER AT FULLY-CONCEALED INTERIOR SURFACES, UNO
 - THE INTERIOR OF OPEN CABINETS SHALL BE FINISHED TO MATCH THE CABINET EXTERIOR, UNO
 - CONTRACTOR SHALL VERIFY AND COORDINATE CLEAR DIMENSIONS REQUIRED FOR ALL EQUIPMENT / APPLIANCES LOCATED WITHIN OR ADJACENT TO ANY PIECE OF MILLWORK
 - MILLWORK / CASEWORK DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION AND INSTALLATION; CONTACT DESIGNER IMMEDIATELY IN THE EVENT OF A DISCREPANCY
 - CONTRACTOR TO PROVIDE CS-2 LOW-PROFILE STEEL COUNTERTOP SUPPORTS IN INCREMENTS OF 3'-0" O.C. MAX. FOR SUPPORT AT KNEE SPACES, UNO
 - STONE, SOLID SURFACE AND QUARTZ COUNTERTOPS LESS THAN 3CM IN THICKNESS UNSUPPORTED BY CABINETS SHALL HAVE 3/4" PLYWOOD SUBTOPS UNO
 - MDF CABINETS ACCEPTABLE EXCEPT AT WET AREAS; PROVIDE 3/4" PLYWOOD CABINETS IN WET AREAS AND SINK / LAVATORY CABINETS
 - PROVIDE CONTINUOUS PLYWOOD TOEKICKS FINISHED TO MATCH CABINET EXTERIOR UNO
 - FILLER PIECES SHALL BE NO MORE THAN 3"W

- ### GENERAL FINISH NOTES
- #### REFERENCES
- SEE SERIES ID200 INTERIOR REFERENCE PLANS AND FINISH PLANS FOR ALL FINISH EXTENTS AND CHANGES, AS WELL AS CASEWORK AND ARCHITECTURAL ELEMENT LOCATIONS.
 - SEE SERIES ID900 INTERIOR REFLECTED CEILING PLANS FOR ALL DECORATIVE CEILING INFORMATION.
 - REFER TO SHEET ID010 FOR FLOORING TRANSITION DETAILS AND SPECIFICATIONS.
 - REFER TO SHEET ID700 FOR DOOR INFORMATION.
- #### CONTRACTOR INSTRUCTIONS
- CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING, PRIOR TO CONSTRUCTION, OF ANY CONFLICTS BETWEEN PROPOSED MATERIALS AND ANY RECOMMENDED MODIFICATIONS DUE TO AVAILABILITY, PRODUCT PREFERENCE OR JOB SITE CONDITIONS.
 - CONTRACTOR TO PROVIDE FINISH SAMPLE SUBMITTALS FOR ALL MATERIALS AS SPECIFIED IN FINISH LEGEND, PRIOR TO ORDER PLACEMENT.
 - CONTRACTOR TO ALLOW MINIMUM OF 12 WEEKS LEAD TIME FOR ALL SPECIALTY MATERIALS, INCLUDING BUT NOT LIMITED TO STONE/TILE, DECORATIVE WOOD PROFILES AND SPECIALTY MATERIALS.
 - CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL CASEWORK.
- #### FINISH NOTES
- ALL INTERIOR FINISHES SHALL MEET OR EXCEED CLASS "A" FLAME SPREAD TESTING REQUIREMENTS
 - ALL INTERIOR GYP BD WALLS AND GYP BD CEILINGS SHALL HAVE LEVEL 5 FINISH, UNO; LEVEL 4 FINISH ACCEPTABLE IN MECH AND STORAGE ROOMS ONLY
 - DOORS MAY NEED TO UNDERCUT TO ALLOW FOR TRANSITIONS BETWEEN MATERIALS AT INTERIOR THRESHOLDS
 - TYP INTERIOR DOOR FINISH TO BE P-2 SEMI-GLOSS FINISH, UNO; REFER TO ARCHITECTURAL DOOR SCHED FOR DOOR TYPES AND TYP EXT DOOR FINISH
 - TYP INT DOOR CASING TO BE WD-1, UNLESS NOTED OTHERWISE; PAINT P-2, SEMI-GLOSS FINISH, UNO
 - TYP WALL BASE TO BE PAINTED P-2, UNO
 - TYPICAL WINDOWS TO HAVE GYP BD SILLS AND JAMBS
 - STANDARD PAINT FINISHES SHALL BE AS FOLLOWS, UNO:
WOOD TRIM - SEMI-GLOSS FINISH, WATER-BASED ACRYLIC
GYP BD WALLS - EGGSHELL FINISH, LATEX
CEILINGS - FLAT FINISH, LATEX
RR - SEMI-GLOSS FINISH WATER-BORNE
& WET AREA WALLS - ACRYLIC EPOXY PAINT, EXCEPT AT EXTERIOR WALLS WHICH SHALL BE SEMI-GLOSS LATEX FINISH
 - PROVIDE SQUARE SHOE MOULD AT AREAS WHERE WOOD BASE IS INSTALLED WITH RESILIENT FLOORING
 - LVT IN WET AREAS SHALL BE APPLIED WITH EPOXY ADHESIVE

FLOORING

CONCRETE SLAB FINISH

SC (SEALED CONCRETE - BOH)
MFR - TBD
PRODUCT - SEE ARCHITECTURAL SPECIFICATIONS

CARPET

CPT-1 (GRAY - FIELD - MODULAR - OPEN OFFICE)
TYPE - TUFTED TEXTURED LOOP, RECYCLED CONTENT
MFR - INTERFACE
STYLE - ROCK SPRINGS
COLOR - 107290 TAUPE GNEISS
PRODUCT - 13116K0G
SIZE - 25CM x 1M
BACKING - GLASSAC TILE
INSTALL - ASHLAR
LOCATION - OPEN OFFICE
CONTACT - MELISSA TRAVIS / 904-466-9038
MELISSA.TRAVIS@INTERFACE.COM

CPT-2 (GREEN/NEUTRAL PATTERN - MODULAR - CONFERENCE/PHONE ROOMS)
TYPE - TUFTED PATTERN LOOP, RECYCLED CONTENT
MFR - INTERFACE
STYLE - PANOLA MOUNTAIN
COLOR - 107302 GREEN LICHEN
PRODUCT - 125160250G
SIZE - 50CM x 50CM
BACKING - GLASSAC TILE
INSTALL - NON-DIRECTIONAL
LOCATION - WAITING/CONFERENCE, MAIN CONFERENCE, CONFERENCE ROOM AND PHONE ROOM
CONTACT - MELISSA TRAVIS / 904-466-9038
MELISSA.TRAVIS@INTERFACE.COM

CPT-3 (GREEN/GRAY/WHITE - MODULAR - PRIVATE OFFICES)
TYPE - TUFTED SHEARED, RECYCLED CONTENT NYLON
MFR - INTERFACE
STYLE - PAINTED GESTURE
COLOR - 105974 URBAN
PRODUCT - 139370AK00
SIZE - 25CM x 1M
BACKING - GLASSAC TILE
INSTALL - ASHLAR
LOCATION - PRIVATE OFFICES
CONTACT - MELISSA TRAVIS / 904-466-9038
MELISSA.TRAVIS@INTERFACE.COM

LUXURY VINYL TILE

LVT-1 (WOOD GRAIN - PLANK - FIELD)
MFR - MOHAWK GROUP
STYLE - LARGE AND LOCAL WOOD
COLOR - 832 TELLICO
SIZE - 9.25" x 59", 4.5MM THICKNESS
GAUGE - 20 MIL WEAR LAYER
INSTALL - RANDOM PLANK
LOCATION - CORRIDORS, BREAK, LOBBY, AND CLOSETS
CONTACT - RODERICK HEARD / 708-618-1322
RODERICK_HEARD@MOHAWKIND.COM

LVT-2 (WOVEN - PLANK - FITNESS)
MFR - SHAW
STYLE - RETHINK 0733V
COLOR - HYBRID 33100
SIZE - 9" x 36", 3MM THICKNESS
INSTALL - HERRINGBONE
LOCATION - FITNESS
CONTACT - REBECCA CROSBY / 904-517-3308
REBECCA.CROSBY@SHAWCONTRACT.COM

TILE

T-1 (BLACK - CERAMIC - BREAK ROOM AND RESTROOMS)

MFR - TEC+ARTE
STYLE - DAKOTA
COLOR - ABYSS
SIZE - 2" x 8-1/2"
INSTALL - STRAIGHT, SEE PLANS
GROUT - CUSTOM BUILDING PRODUCTS - #381 BRIGHT WHITE
CONTACT - KEVIN ADAMS / 904-772-4112
KEVIN.ADAMS@TRADITIONSINTILE.COM

T-2 (DARK GRAY - CERAMIC - RESTROOMS)

MFR - DEL CONA USA
STYLE - CHAMONIX
COLOR - DARK GRAY
SIZE - 24" x 24"
INSTALL - RUNNING BOND, 1/3" OFFSET, SEE PLANS AND ELEV
GROUT - CUSTOM BUILDING PRODUCTS - #370 DOVE GRAY
CONTACT - KEVIN ADAMS / 904-772-4112
KEVIN.ADAMS@TRADITIONSINTILE.COM

T-3 (GRAY - CERAMIC - RESTROOMS)

MFR - DEL CONA USA
STYLE - CHAMONIX
COLOR - GRAY
SIZE - 12" x 24"
INSTALL - RUNNING BOND, 1/3" OFFSET, SEE PLANS
GROUT - CUSTOM BUILDING PRODUCTS - #546 CAPE GRAY
CONTACT - KEVIN ADAMS / 904-772-4112
KEVIN.ADAMS@TRADITIONSINTILE.COM

T-4 (MEDIUM GRAY - CERAMIC - RESTROOMS)

MFR - DAL TILE
STYLE - KEYSTONES
COLOR - MATTE SUEDE GRAY D182
SIZE - 2X4
INSTALL - STACKED
GROUT - CUSTOM BUILDING PRODUCTS - #370 DOVE GRAY
CONTACT - GRACE MCCORD / 904.252.2526
GRACE.MCCORD@DAL TILE.COM

TILE TRIM

TR-1 TILE EDGE TRIM ON WALLS/BASE (RESTROOM BASE & WAINSCOTING)
MFR - SCHLUTER
STYLE - JOLLY
COLOR - BRUSHED GRAPHITE
MATERIAL - ALUMINUM

FINISH LIST

TILE

TILE TRIM (CONT'D)

TR-2 STAIR NOSING TRIM
MFR - SCHLUTER
STYLE - TREP-G
SIZE - PER CONTRACTOR
MATERIAL - BRUSHED STAINLESS STEEL

WALLS

PAINT

P-1 (WHITE - WALLS - FIELD)
MFR - PPG
COLOR - DOGWOOD BLOSSOM PPG14-24
FINISH - VARIES WITH SUBSTRATE; REFER TO GENERAL NOTES

P-2 (GRAY - TRIM - FIELD)
MFR - PPG
COLOR - SWIRLING SMOKE PPG1007-2
FINISH - VARIES WITH SUBSTRATE; REFER TO GENERAL NOTES

P-3 (GREEN - WALLS - ACCENT)
MFR - PPG
COLOR - DO NOT DISTURB PPG1117-6
FINISH - VARIES WITH SUBSTRATE; REFER TO GENERAL NOTES

P-4 (BLACK - WALLS - ACCENT)
MFR - PPG
COLOR - ONYX PPG1011-7
FINISH - VARIES WITH SUBSTRATE; REFER TO GENERAL NOTES

WALLCOVERING

WC-1 (GRAY/BLACK PATTERN - VINYL - WORK CUBBIES)
MFR - KOROSEAL
STYLE - INSIGHT GRID
COLOR - NG21-01 HIGH STREET
SIZE - 52-54"W
LOCATION - WORK CUBBIES
REMARKS - INSTALL PER MFR INSTRUCTIONS FOR PROPER VENTILATION/PERMEABILITY
CONTACT - COURTNEY BARROW / 407-848-0440
CBARROW@KOROSEAL.COM

ACOUSTIC WALL TILE

AWT-1 (DECORATIVE ACOUSTIC SOLUTION)
MFR - UNIKA VAEV
PRODUCT - ECOUSTIC MATRIX
COLOR - TO BE SELECTED FROM STD MFR COLOR
SIZE - 19.7" X 19.7" X 2.56"
CONTACT - BETH O'CONNELL / 908.872.4271
BETH@CURATEDCO.NET

CEILINGS

ACOUSTIC CEILING TILE

ACT-1 (LAY-IN TILE)
MFR - ARMSTRONG
STYLE - ULTIMA
COLOR - WHITE
SIZE - 24X24
EDGE - BEVELED TEGULAR
INSTALL - MOUNT TO EXPOSED CEILING BETWEEN JOISTS
GRID - 15/16" PRELUDE, COLOR: WHITE, UNO
LOCATION - WAITING/CONFERENCE AND PRIVATE OFFICES
CONTACT - LAURI LEWALLEN / 904-445-9712
LHLEWALLEN@ARMSTRONGCEILINGS.COM

ACT-2 (LAY-IN LINEAR TILE)
MFR - ARMSTRONG
STYLE - OPTIMA
COLOR - WHITE
SIZE - 24X96
EDGE - BEVELED TEGULAR
INSTALL - MOUNT TO EXPOSED CEILING BETWEEN JOISTS
GRID - 9/16" INTERLUDE, COLOR: WHITE, UNO
TRIM - 4" AXIOM CLASSIC
LOCATION - OPEN OFFICES
REMARKS - PERIMETER AXIOM TRIM
CONTACT - LAURI LEWALLEN / 904-528-6594
LHLEWALLEN@ARMSTRONGCEILINGS.COM

ACT-3 (LAY-IN TILE)
MFR - ARMSTRONG
STYLE - MESA
COLOR - WHITE
SIZE - 24X24
EDGE - BEVELED TEGULAR
INSTALL - MOUNT TO EXPOSED CEILING BETWEEN JOISTS
GRID - 15/16" PRELUDE, COLOR: WHITE, UNO
LOCATION - BACK OF HOUSE
CONTACT - LAURI LEWALLEN / 904-528-6594
LHLEWALLEN@ARMSTRONGCEILINGS.COM

ACT-4 (WOOD VENEER PLANKS)
MFR - ARMSTRONG
STYLE - WOODWORKS LINEAR VENEERED PLANKS
COLOR - TO BE SELECTED FROM MFR STD COLORS
SIZE - 6"W, 3/4" REVEAL
INSTALL - SEE RCP
LOCATION - MAIN CONFERENCE 103, LOBBY 204
REMARKS - AT LOBBY PROVIDE COORDINATING VENEER WRAPPED WOODWORKS TRIM AT PERIMETER

ACT-5 (ACOUSTICAL CEILING PANEL)
MFR - UNIKA VAEV
PRODUCT - SCALA CEILING TILE
COLOR - CUZ53 BYRANSTON
SIZE - 63"W X 47.5"L X 2.36"D
INSTALL - SEE RCP
LOCATION - BREAK ROOM

CABINETS

QUARTZ SURFACING

QS-1 MFR - CAESARSTONE
COLOR - 4003 SLEEK CONCRETE
EDGE - TBD
LOCATION - MAIN CONFERENCE, BREAK ROOM, LOBBY/COFFEE
CONTACT - BRIE WAKEFIELD / 850-755-7691
BRIE.WAKEFIELD@CAESARSTONEUS.COM

PLASTIC LAMINATE

PL-1 (VERTICAL GRADE LAMINATE - GENERAL)
MFR - WILSONART
COLOR - SAP WALNUT
LOCATION - MAIN CONFERENCE, BREAK ROOM, LOBBY/COFFEE

PL-2 (VERTICAL GRADE LAMINATE - GENERAL)
MFR - WILSONART
COLOR - FROSTY WHITE 1573-60
LOCATION - PRINT/COPY, BREAK ROOM

PL-3 (HORIZONTAL GRADE LAMINATE - GENERAL)
MFR - WILSONART
COLOR - FASHION GREY D381-60
LOCATION - PRINT/COPY

PL-4 (VERTICAL & HORIZONTAL GRADE LAMINATE - GENERAL)
MFR - WILSONART
COLOR - BLACK VELVET 15505-31
LOCATION - MAIN CONFERENCE

CUSTOM/SPECIALTY MILLWORK

CM-1 BANQUETTES
STYLE - BANQUETTE W/ UPHOLSTERED SEAT & BACK
LAYOUT - REFER TO INTERIOR ELEVATIONS
FINISH - FULLY UPHOLSTERED, TIGHT SEAT & BACK WITH P-4 PAINTED WOOD BASE
FABRIC (CM-1a) - DESIGNTX/EVERWHERE TEXTURE/LIME
CUSHION - HIGH DENSITY COMMERCIAL-GRADE SEATING
FOAM, THICKNESS PER FABRICATOR RECOMMENDATION - APPROX. 4"-5" THICK
LOCATION - CLUBROOM & ACTIVITY

SHELF BRACKET

SB-1 SHELF BRACKET - FLOATING
MFR - MCKETT
PRODUCT - SH55C
SIZE - 48"L, 1-1/2" THICK
FINISH - MATTE BLACK
INSTALL - HORIZONTAL
LOCATION - MAIN CONFERENCE

HARDWARE

HD-1 CABINET PULL
MFR - AMEROCK
PRODUCT - MONUMENT 6-1/4" CENTERS PULL
SIZE - 6.69"L X .39"W, 1.19 PROJECTION
FINISH - MATTE BLACK
INSTALL - SEE ELEVATIONS
LOCATION - MAIN CONFERENCE, BREAK, AND LOBBY

HD-2 CABINET PULL
MFR - AMEROCK
PRODUCT - MONUMENT 6-1/4" CENTERS PULL
SIZE - 6.69"L X .39"W, 1.19 PROJECTION
FINISH - SATIN NICKEL
INSTALL - SEE ELEVATIONS
LOCATION - CORRIDOR AND COPY/PRINT

SPECIALTIES

WINDOW COVERINGS

RS-1 (ROLLER SHADES)
MFR - SWF CONTRACT
PRODUCT - PRO SERIES MANUAL SOLAR SHADES
OPENNESS - 3%
COLOR - TO BE SELECTED FROM MFR STD COLORS
MOUNTING - INSIDE DRYWALL
REMARKS - PROVIDE STANDARD SQUARE FASCIA PANEL

WINDOW FILM

WF-1 (DECORATIVE WINDOW FILM)
MFR - 3M OR EQUAL
PRODUCT - FROSTED
LOCATION - SEE PLANS

WF-2 (WINDOW FILM)
MFR - SMARTFILMS OR EQUAL
PRODUCT - SF-SPANDREL FILM
LOCATION - SEE PLANS

WOOD

WOOD TRIM

WD-1 PRODUCT - 1 X 4 MOULDING TYPE
PROFILE - 1 X 4 FLAT STOCK
SPECIES - PAINT GRADE (F.J PINE OR EQUAL)
LOCATION - SEE FINISH SCHEDULE AND ELEVATIONS

WOOD STAIN

WS-1 MFR - TBD
COLOR - TBD -OR- TO MATCH XX
NOTE - CONTRACTOR TO PROVIDE TEST SAMPLES TO GROUP 4 DESIGN FOR APPROVAL PRIOR TO FINAL APPLICATION

WOOD BASE

WB-1 (1 X 6 - FLAT STOCK - THROUGHOUT)
PROFILE - 1 X 6 (3/4" X 7-1/4") FLAT STOCK
SPECIES - PAINT GRADE (F.J PINE OR EQUAL), S4S

g4.

interiors
planning
architecture

DESIGN

1520 Prudential Drive | Jacksonville, FL 32207
904.353.9900 (t) 904.353.9968 (f)
Email info@g4designinc.com | AA26001912

PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

DO NOT SCALE THE DRAWINGS. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. SCALE NOTED IS FOR FULL "ANSI-D" SIZE PRINTS.

CONTRACTOR SHALL CHECK & VERIFY ALL JOB SITE CONDITIONS.

© 2022 Group 4 Design, Inc.

Not Valid for Permits Without Color Signature, Raised Seal, and Date

| Issues and Revisions | | No. | Date | By | Description |
|----------------------|--|-----|----------|-----|-------------|
| 01 | | | 04.22.22 | JCW | PERMIT SET |
| 02 | | | | | |
| 03 | | | | | |
| 04 | | | | | |
| 05 | | | | | |
| 06 | | | | | |
| 07 | | | | | |
| 08 | | | | | |
| 09 | | | | | |

Project Number: 22.0017.00
 Drawn By: BR
 Checked By:
 Project Name:
 1649 ATLANTIC
 OFFICE RENOVATION
 JACKSONVILLE, FL
 Drawing Name:
 INTERIOR FINISH LIST
 AND GENERAL NOTES

ID020

| Issues and Revisions | | No. | Date | By | Description |
|----------------------|--|-----|------|-----|-------------|
| | | 01 | | JCW | PERMIT SET |
| | | 02 | | | |
| | | 03 | | | |
| | | 04 | | | |
| | | 05 | | | |
| | | 06 | | | |
| | | 07 | | | |
| | | 08 | | | |
| | | 09 | | | |

Project Number: 22.0017.00

Drawn By: JW

Checked By: KLK

Project Name:

1649 ATLANTIC

OFFICE RENOVATION

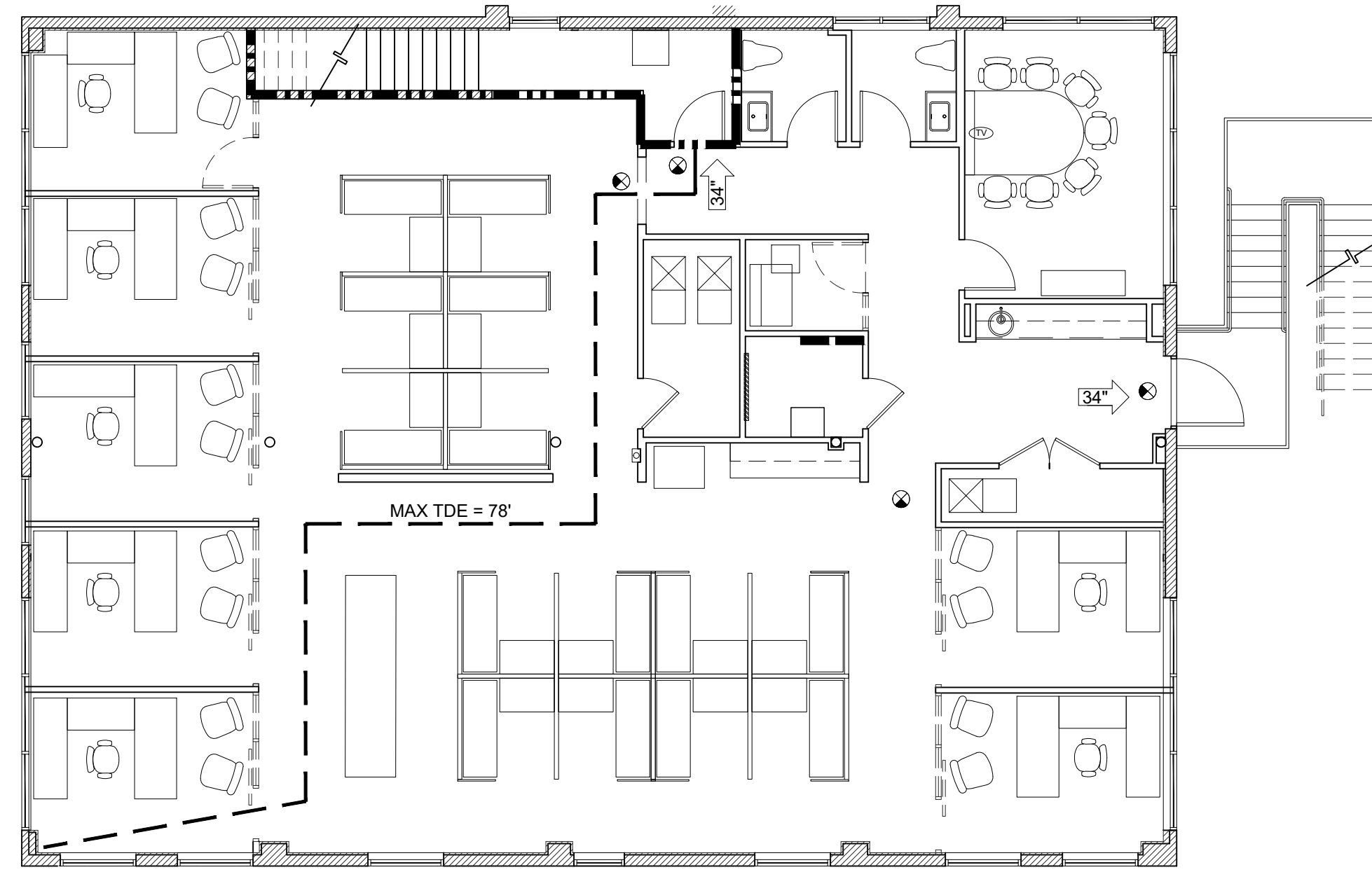
JACKSONVILLE, FL

Drawing Name:

LIFE SAFETY PLAN

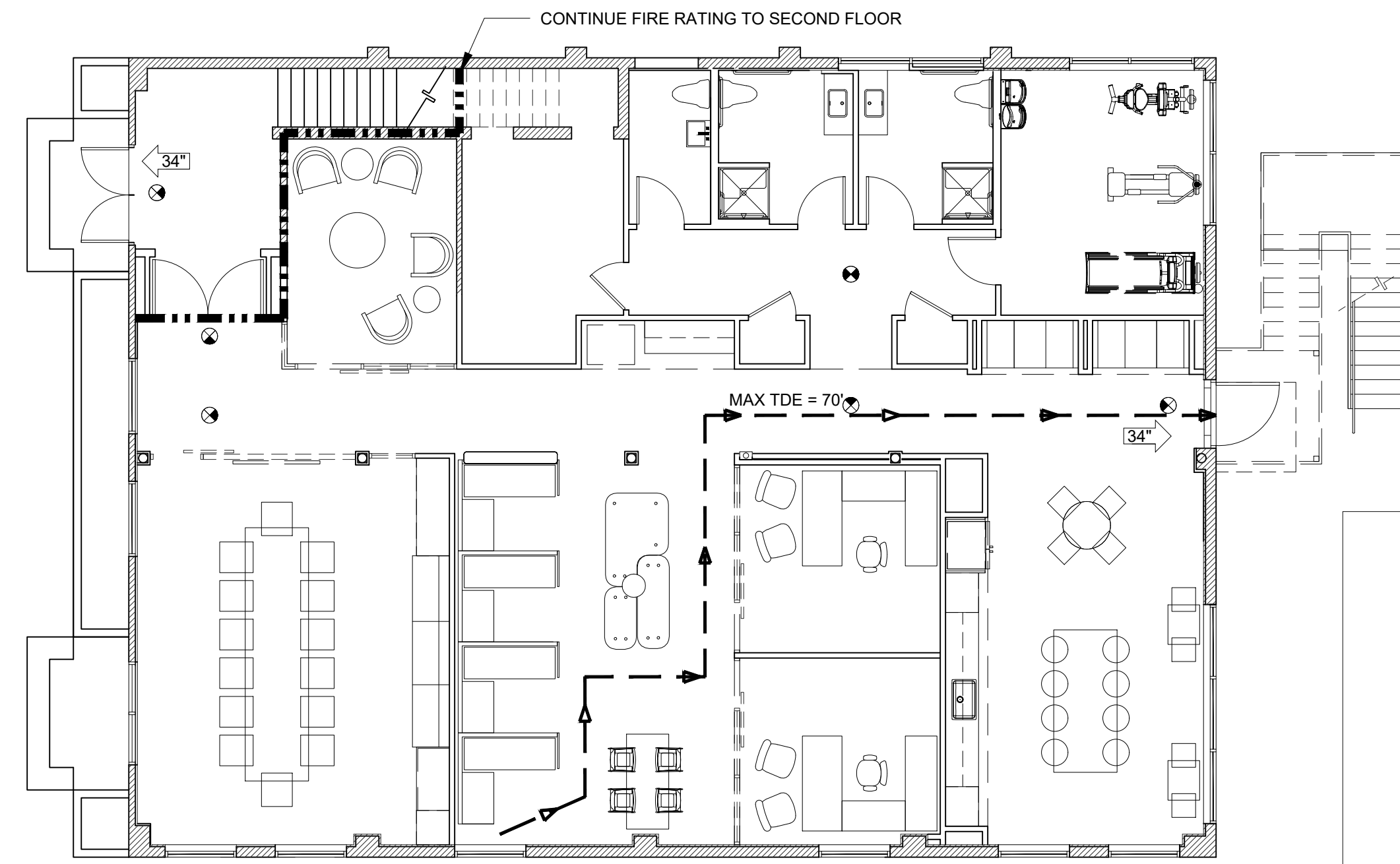
- GENERAL NOTES**
- A. SEE ELECTRICAL PLANS FOR EMERGENCY LIGHTING LOCATIONS & FIRE ALARM PLANS
 - B. COMMON PATH OF EGRESS TRAVEL (CPT) - THAT PORTION OF EXIT ACCESS WHICH THE OCCUPANTS ARE REQUIRED TO TRAVERSE BEFORE TWO SEPARATE AND DISTINCT PATHS OF EGRESS TRAVEL TO TWO EXITS ARE AVAILABLE. PATHS THAT MERGE ARE COMMON PATHS OF TRAVEL. COMMON PATHS OF EGRESS TRAVEL SHALL NOT BE INCLUDED WITHIN THE PERMITTED TRAVEL DISTANCE.
 - C. EXIT ACCESS TRAVEL DISTANCE (TDE) - THE MAXIMUM LENGTH OF EXIT ACCESS TRAVEL, MEASURED FROM THE MOST REMOTE POINT WITHIN A STORY TO THE ENTRANCE TO AN EXIT.
 - C.A. EXITS INCLUDE EXTERIOR EXIT DOORS AT GROUND LEVEL, EXIT ENCLOSURES, EXIT PASSAGEWAYS, EXTERIOR EXIT STAIRS, EXTERIOR EXIT RAMPS AND HORIZONTAL EXITS.
 - C.B. TRAVEL DISTANCE LIMITATION IS ONLY APPLICABLE TO THE DISTANCE TO THE NEAREST EXIT.
 - D. PROVIDE 6LB A/B/C FE IN LOCATIONS AS INDICATED IN LIFE SAFETY PLAN.
 - E. NOT USED
 - F. VERIFY EXIT SIGNAGE AND FE LOCATIONS WITH FIRE MARSHAL PRIOR TO INSTALLATION.
 - G. PROVIDE TACTILE EXIT SIGNS AT ALL EXIT DOORS PER NFPA 101 - 7.10.1.3
 - G.A. TACTILE EXIT SIGN SHALL BE LOCATED AT EACH EXIT DOOR REQUIRING AN EXIT SIGN
 - G.B. TACTILE EXIT SIGNAGE SHALL READ AS FOLLOWS: EXIT
 - G.C. TACTILE EXIT SIGNAGE SHALL COMPLY WITH ICC/ANSI A117.1
 - H. PROVIDE RESTROOM SIGNAGE PER FPC 403.4 AT EACH RESTROOM.
 - I. SEE FIRE ALARM PLANS FOR PULL STATIONS, HORN/STROBE & PANEL LOCATIONS
 - J. VERIFY LOCATION OF ALL FIRE EXTINGUISHERS WITH AHJ PRIOR TO INSTALLATION
 - K. A DESIGNATED AREA OF REFUGE IS PROVIDED AT EACH ELEVATOR LANDING RE: ELECTRICAL. PROVIDE ALL SIGNAGE REQUIRED IN ACCORDANCE WITH: NFPA 101 - 7.2.12.1.1 (2), 7.2.12.2.6, 7.2.12.3.5, 7.2.12.3.5.1, 7.2.12.3.5.2 & 7.2.12.3.6

| OCCUPANT LOAD | | |
|---------------------------------|---|--------|
| FIRST FLOOR | | |
| BUSINESS (150 SF PER PERSON) | 3,305 SF | 23 PPL |
| SECOND FLOOR | | |
| BUSINESS (150 SF PER PERSON) | 3,248 SF | 22 PPL |
| LEGEND | | |
| | EXIT LIGHT CEILING MOUNTED (REFER TO ELEC DWGS FOR SPEC) | |
| | EXIT LOCATION W/ CLEAR ACCESS INCHES | |
| | TRAVEL DISTANCE TO EXIT (TDE) | |
| | COMMON PATH OF TRAVEL (CPT) FFPC ONLY | |
| | SEMI RECESSED FIRE EXTINGUISHER CABINET (FEC) W/ FIRE EXTINGUISHER (FE) | |
| | 1 HOUR RATED WALL (SEE WALL TYPE TAG) | |
| | LIGHT FRAMING SIGNAGE LOCATION (TOP AT 6'-0") | |
| | DENOTES EMERGENCY LIGHT (RE: ELECTRICAL PLAN) | |



2 SECOND FLOOR - LIFE SAFETY PLAN

1/8" = 1'-0"



1 FIRST FLOOR - LIFE SAFETY PLAN

1/8" = 1'-0"

Not Valid for Permitting Without Color Signature, Raised Seal, and Date

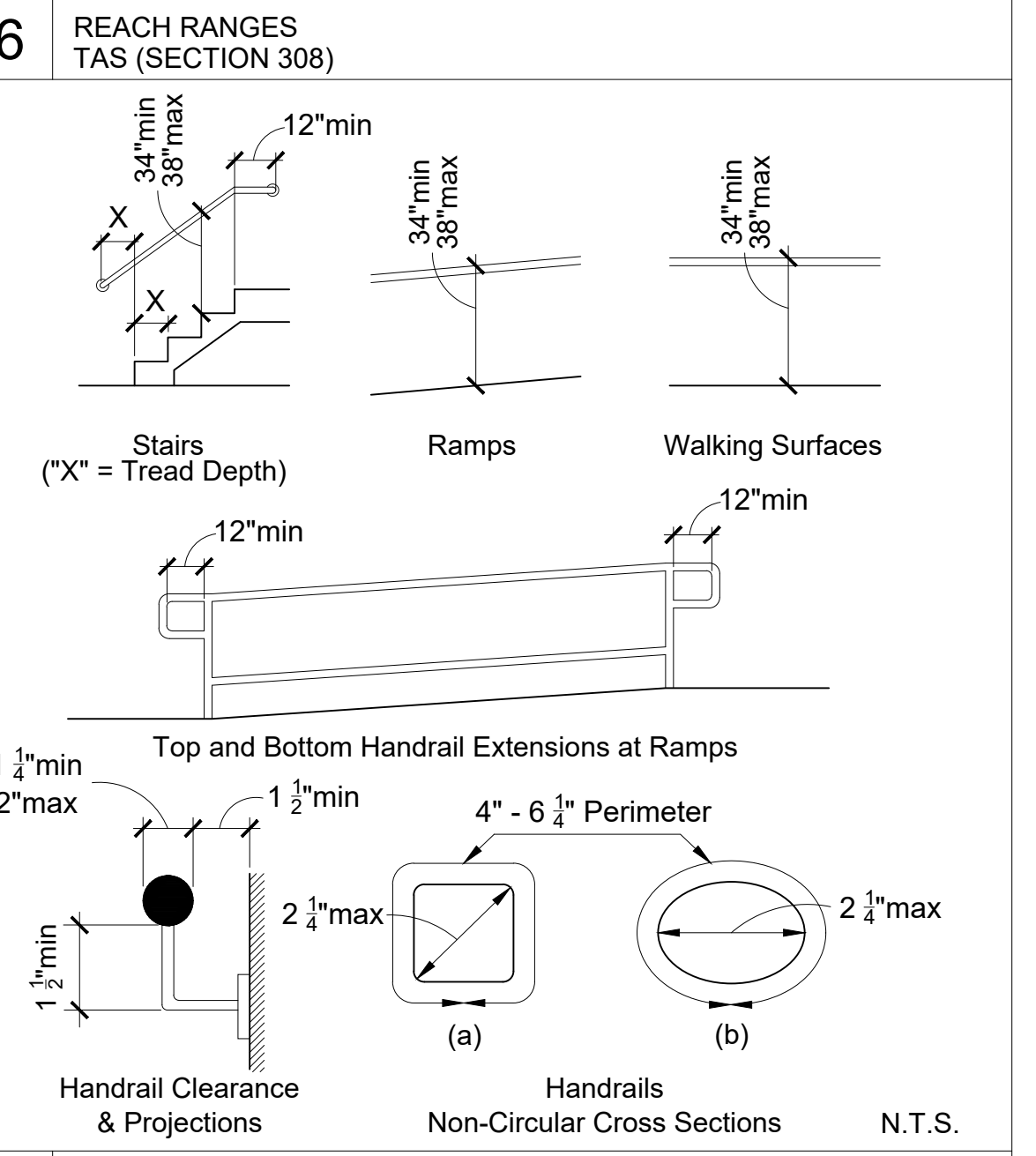
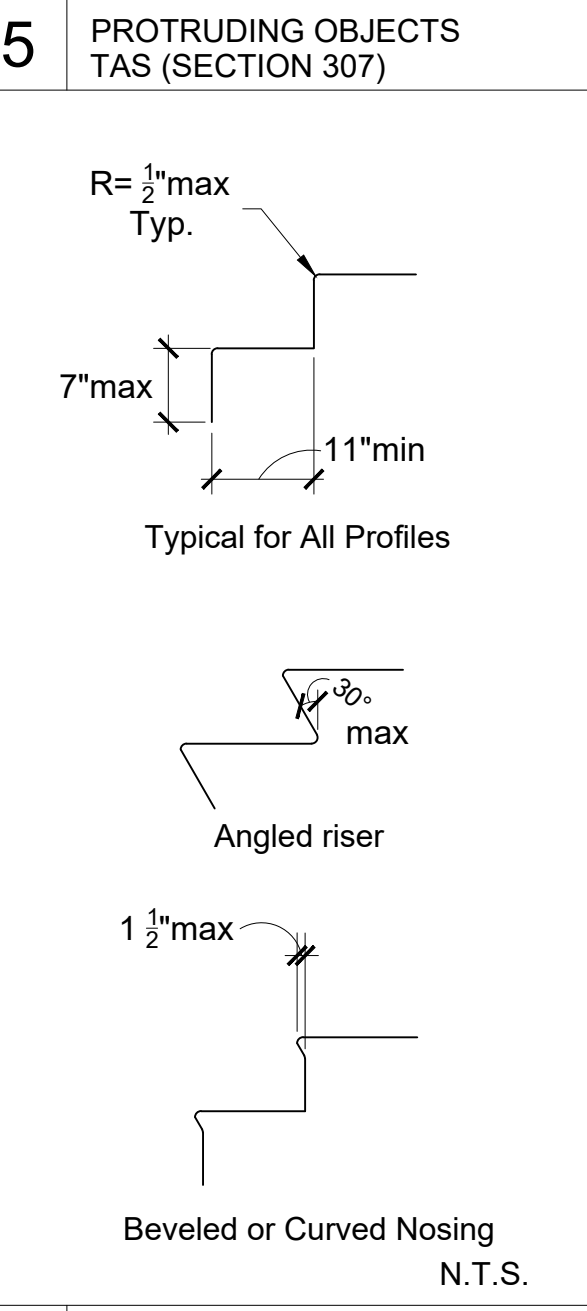
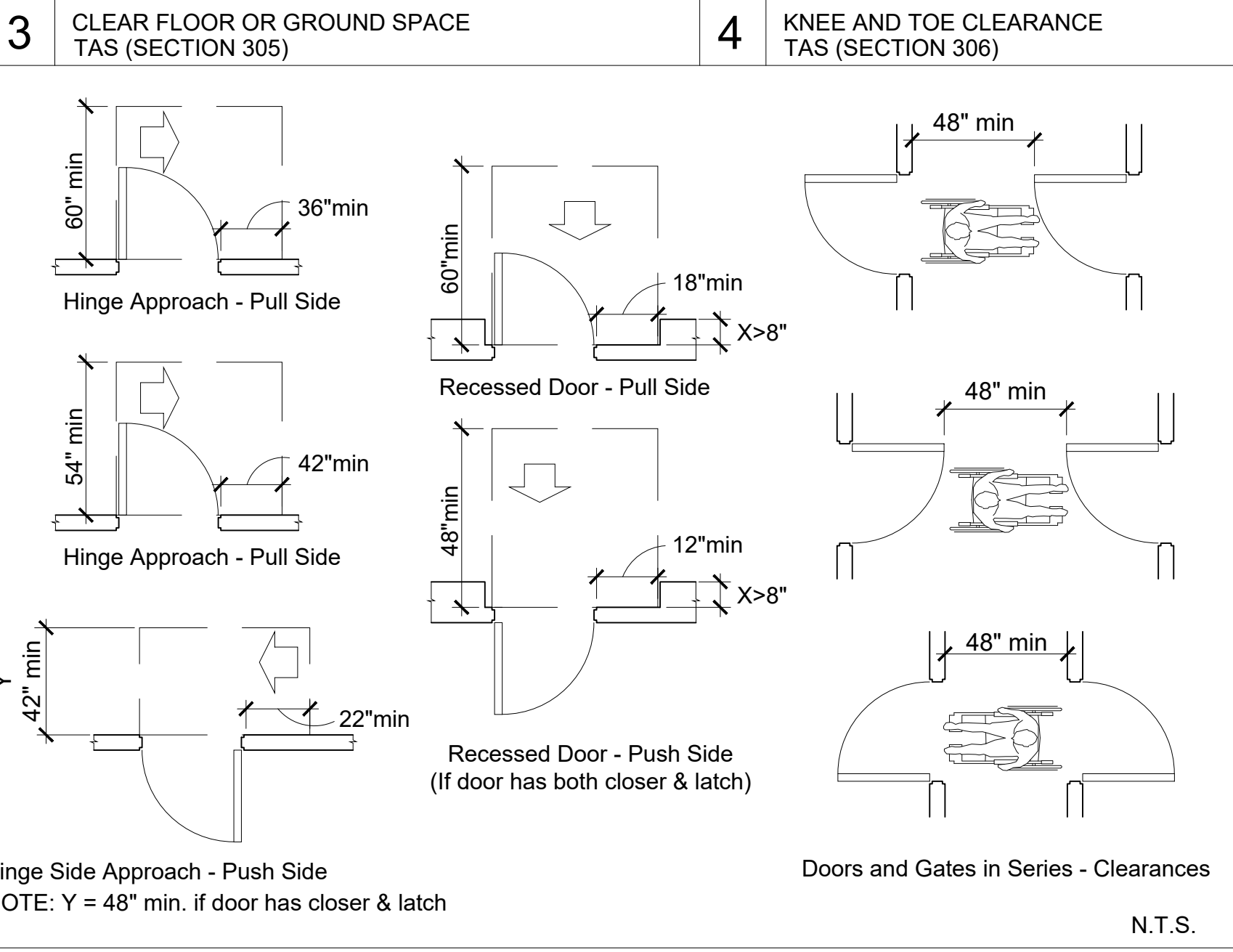
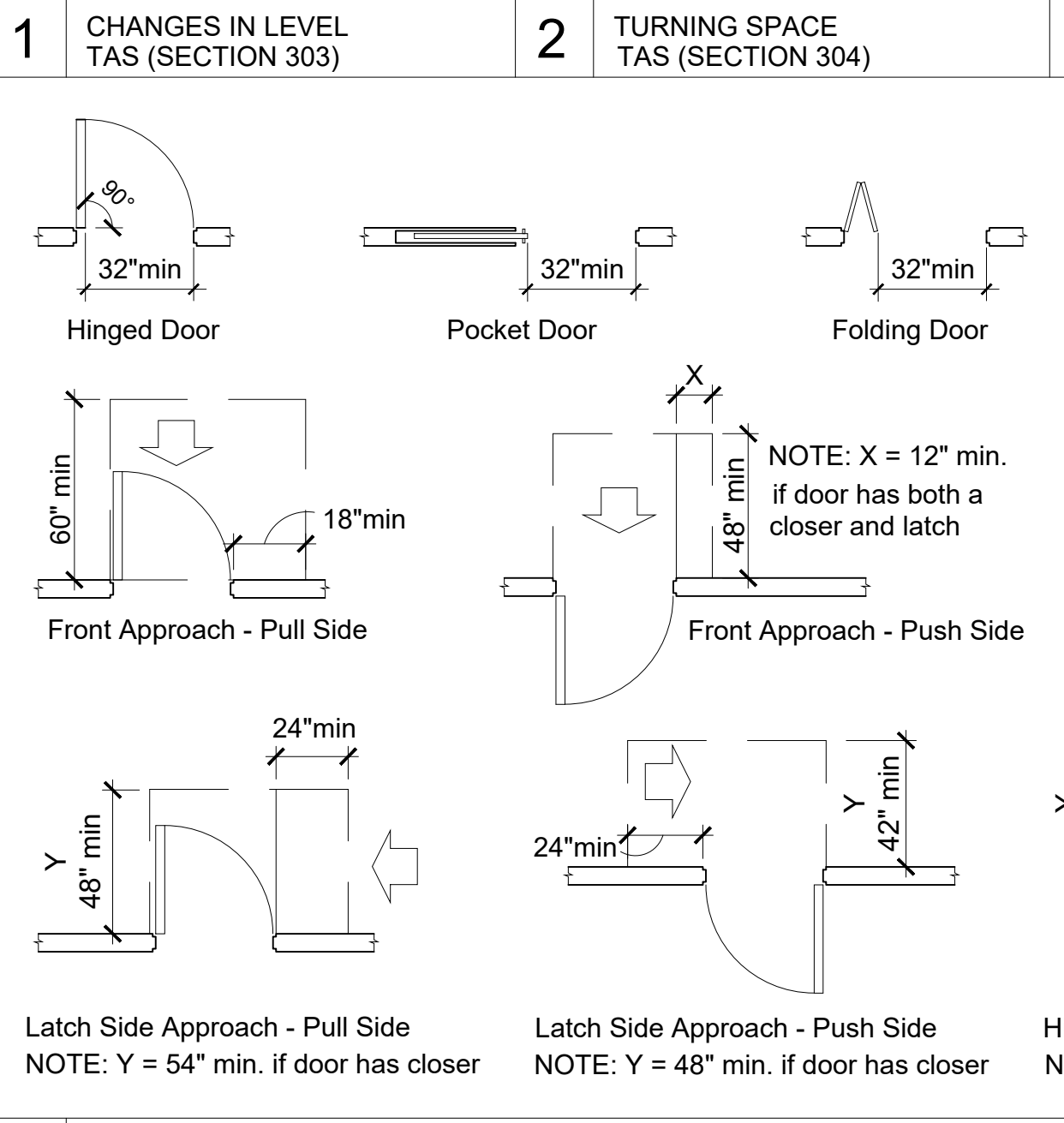
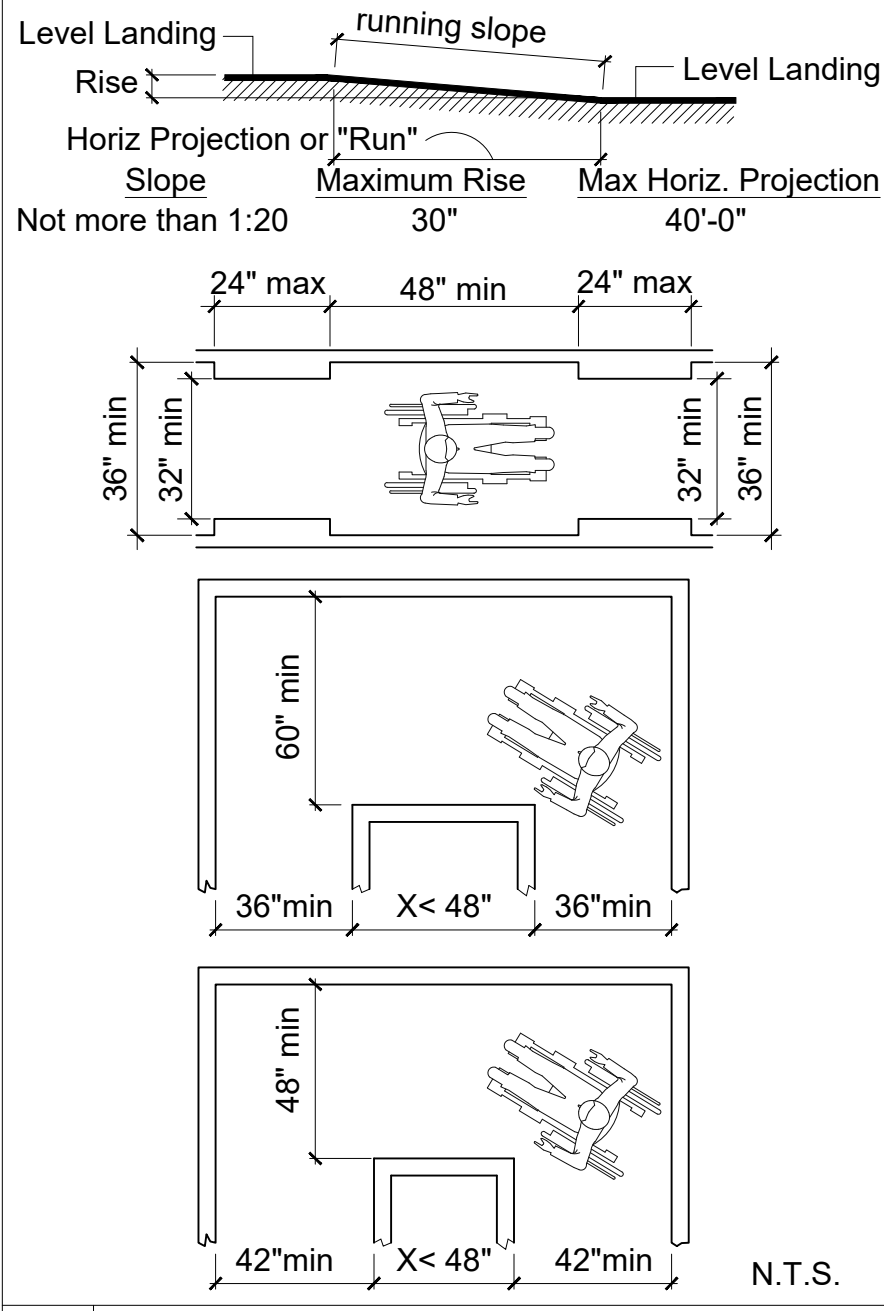
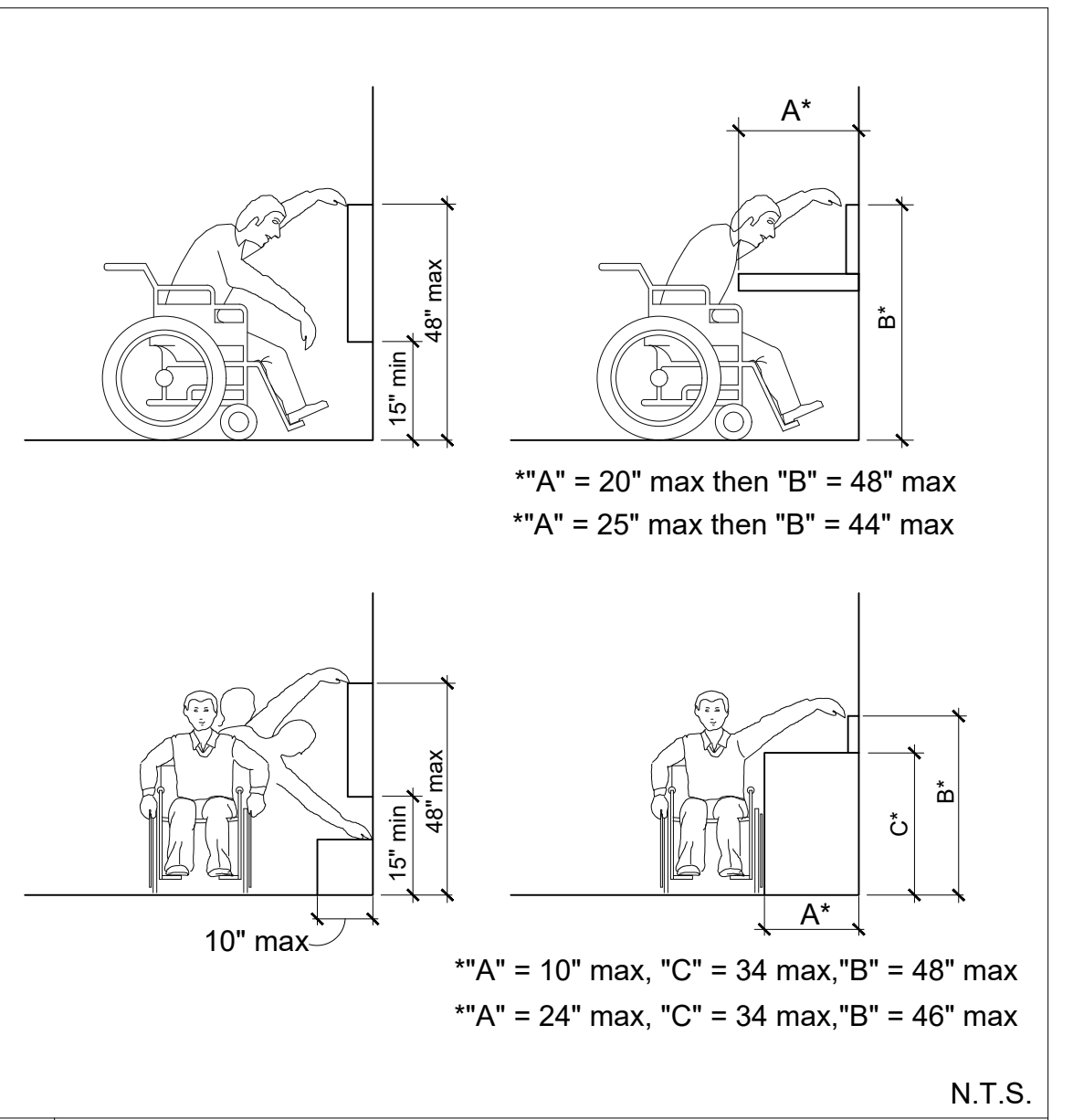
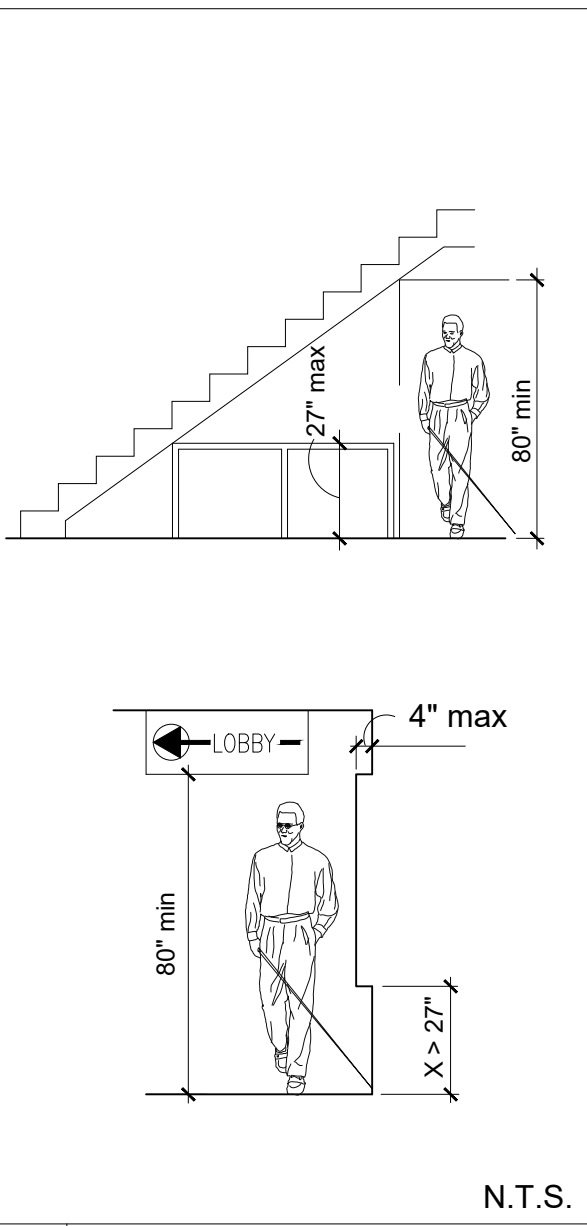
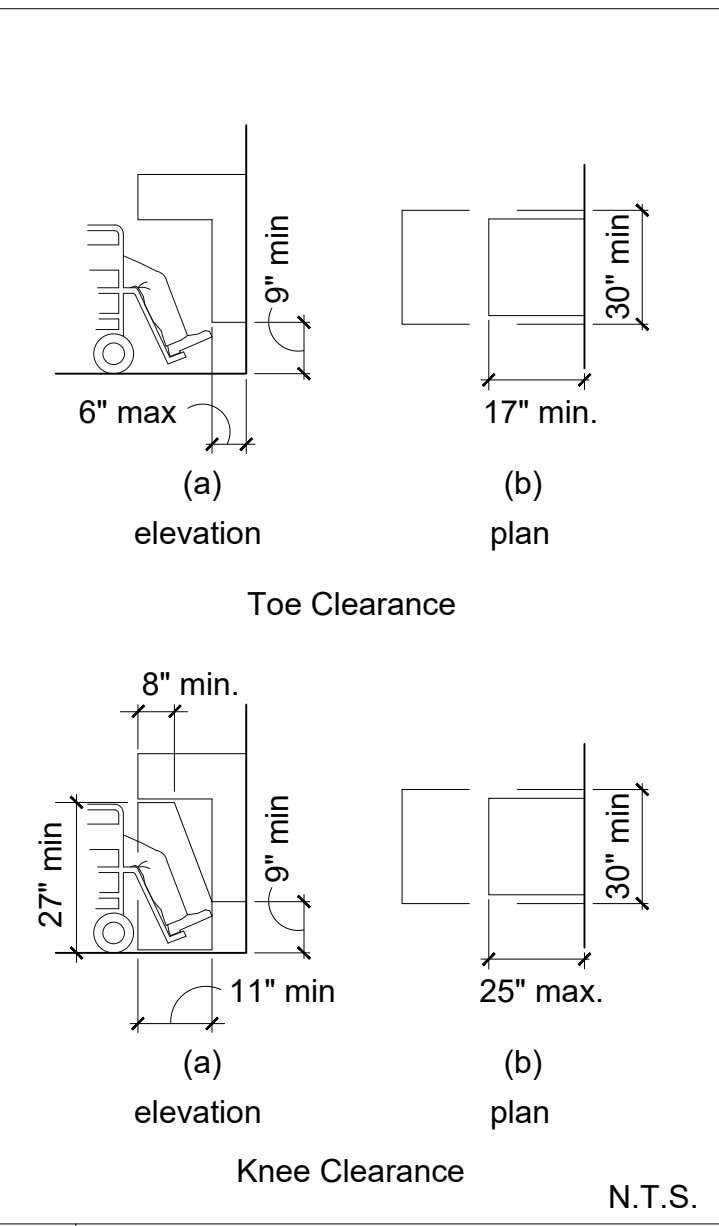
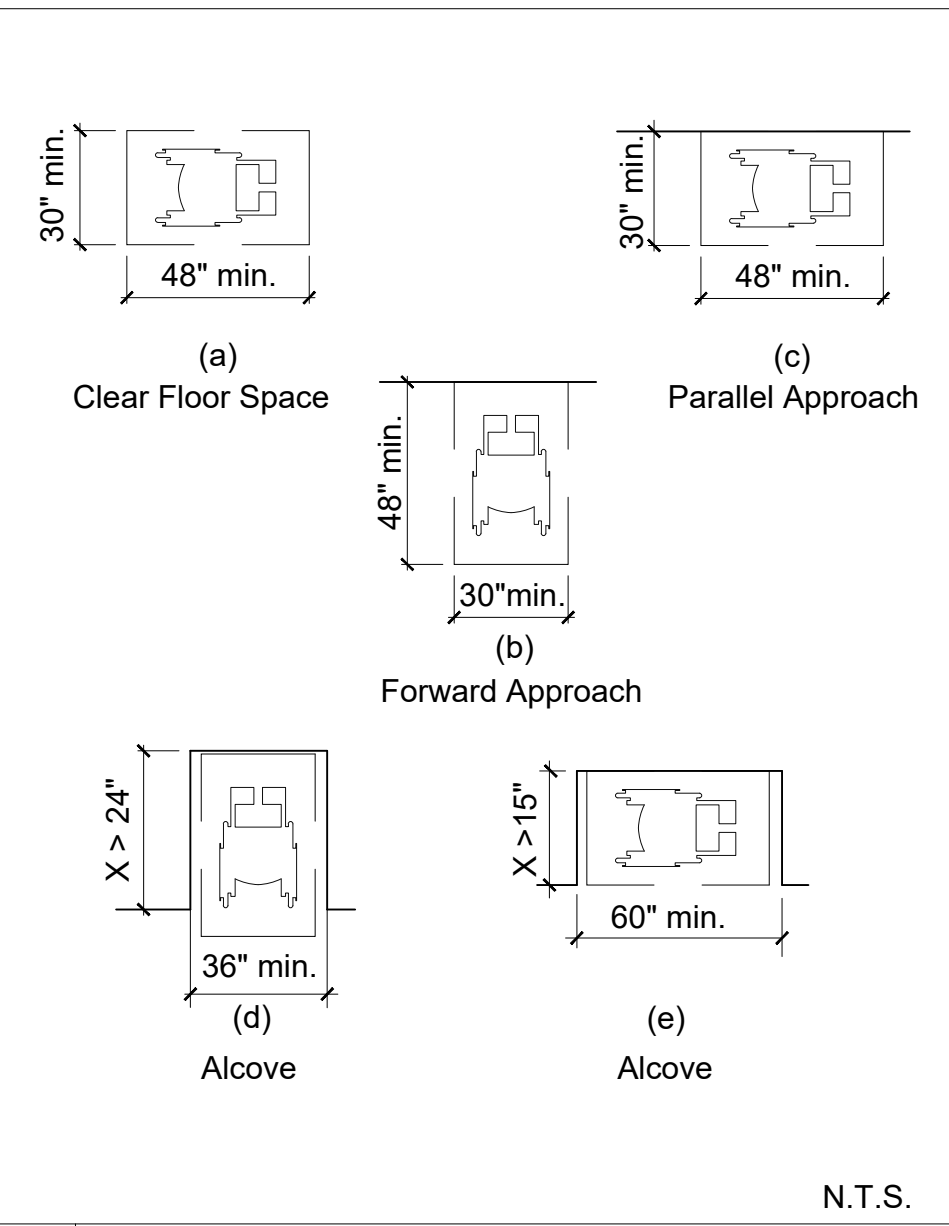
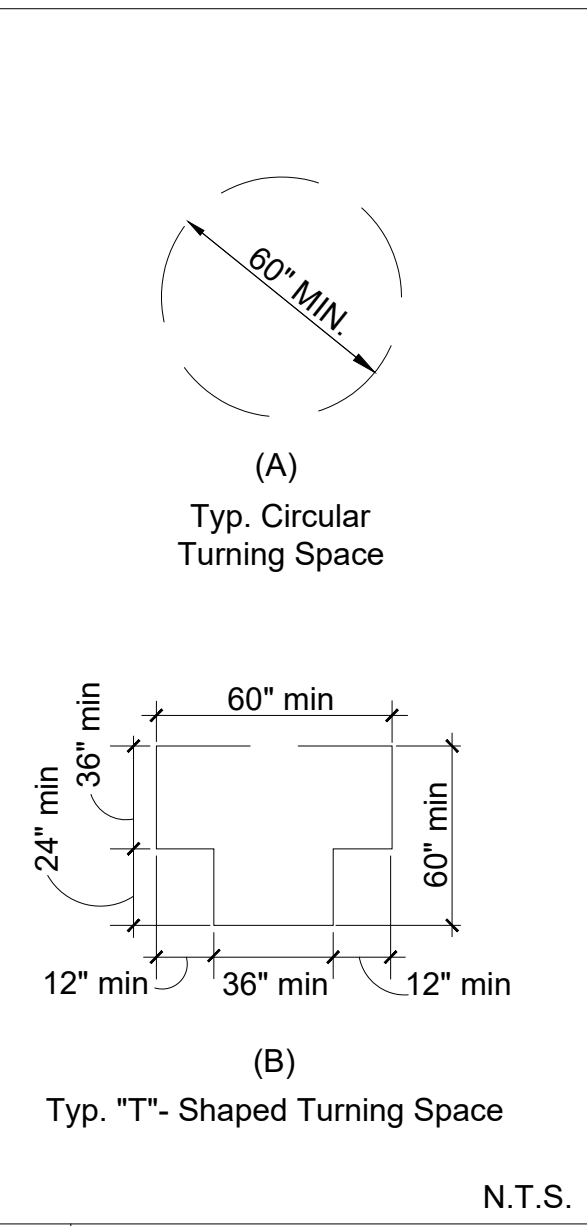
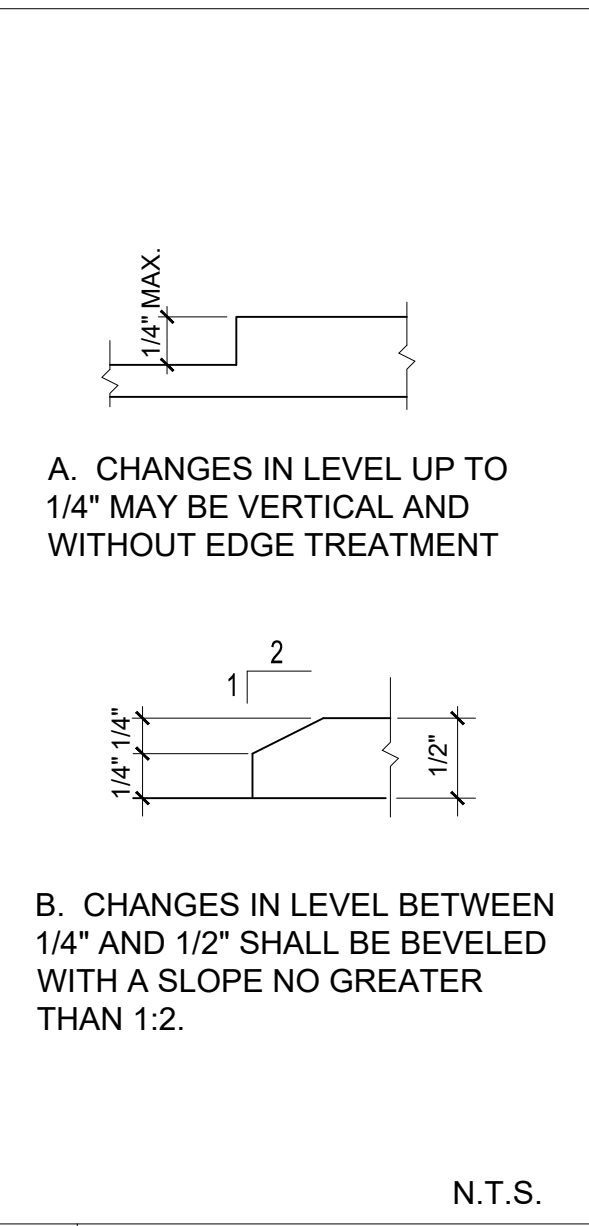
NOTES:

GENERAL

- THESE GUIDELINES ARE APPLICABLE TO THE "COMMON" AND "PUBLIC" SPACES IN THE FACILITY
- THE CONDITIONS ILLUSTRATED ON THIS SHEET REFLECT CURRENT STANDARDS FOR HANDICAPPED ACCESSIBILITY PER THE 2012 TEXAS ACCESSIBILITY STANDARDS (TAS) FOR BUILDING CONSTRUCTION BASED ON THE 2010 AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN
- NOT ALL CONDITIONS SHOWN OCCUR IN THIS PROJECT.
- CONTRACTOR SHALL INFORM OWNER & ARCHITECT WHEN CONSTRUCTION CANNOT CONFORM TO THESE STANDARDS BECAUSE OF FIELD CONDITIONS

SIGNAGE:

- ALL SIGNAGE TO COMPLY WITH THE 2012 TEXAS ACCESSIBILITY STANDARDS (TAS) FOR BUILDING CONSTRUCTION, SECTION 703 (BASED ON THE 2010 ADA STANDARDS FOR ACCESSIBILITY DESIGN)
- FINAL GRAPHICS TO BE BUILDING STANDARD TYPE SIGNAGE OR DESIGN APPROVED BY OWNER.
- PROVIDE CONCEALED FASTENERS OR ADHESIVES AS RECOMMENDED BY MANUFACTURERS AND AS REQUIRED FOR PERMANENT AND SECURE MOUNTING TO SUBSTRATES.
- ALL SIGNAGE TO BE COORDINATED WITH OWNER.



7 ACCESSIBLE ROUTES - WALKING SURFACES TAS (SECTION 403)

8 DOORS, DOORWAYS AND GATES TAS (SECTION 404)

9 STAIRWAYS TAS (SECTION 504)

10 HANDRAILS TAS (SECTION 505)

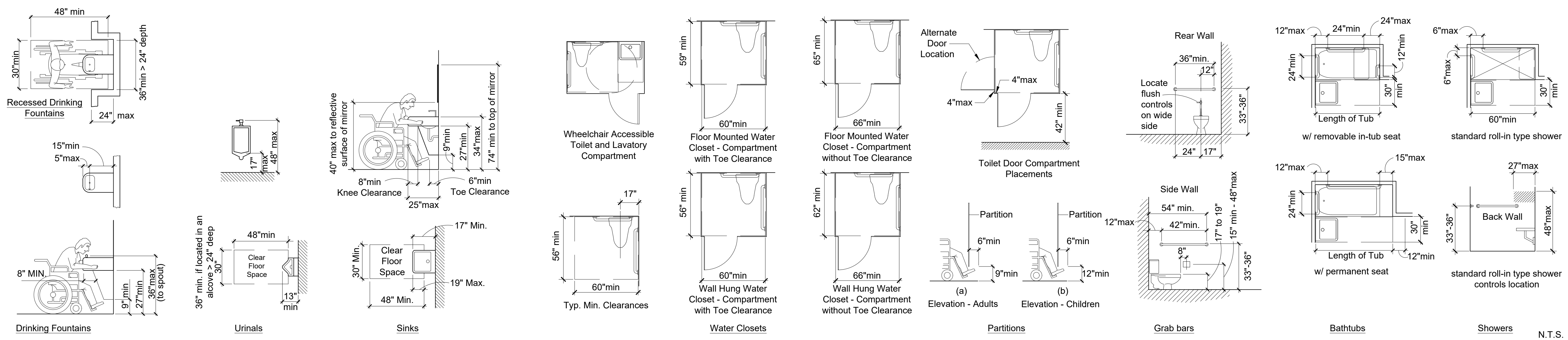
| No. | Date | By | Description |
|-----|----------|-----|-------------|
| 01 | 04.22.22 | JCW | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

VESTCOR

| | |
|-----------------|------------------------------|
| Project Number: | 22.0017.00 |
| Drawn By: | JW |
| Checked By: | |
| Project Name: | 1649 ATLANTIC |
| | OFFICE RENOVATION, |
| | JACKSONVILLE, FL |
| Drawing Name: | ADA ACCESSIBILITY GUIDELINES |

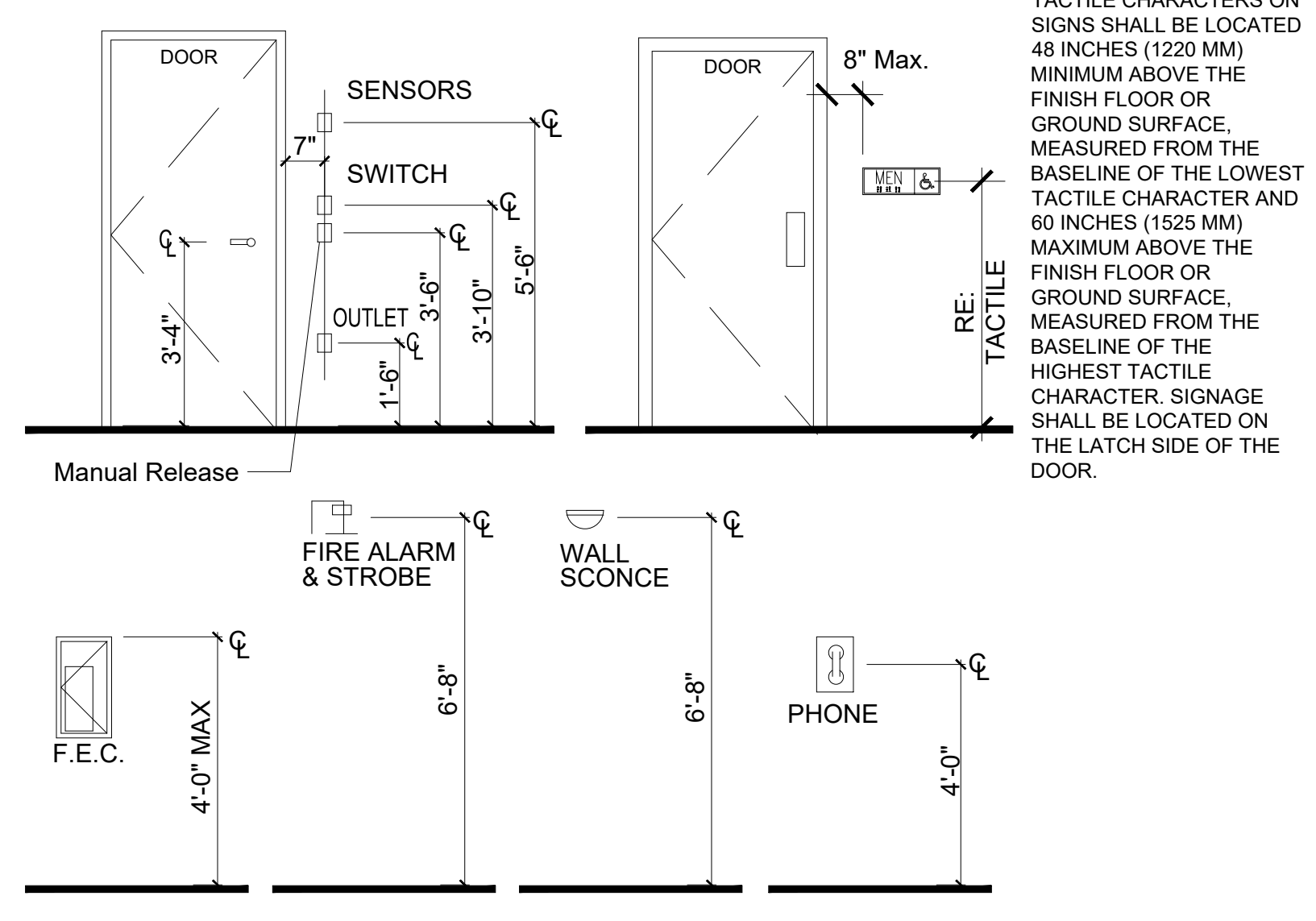
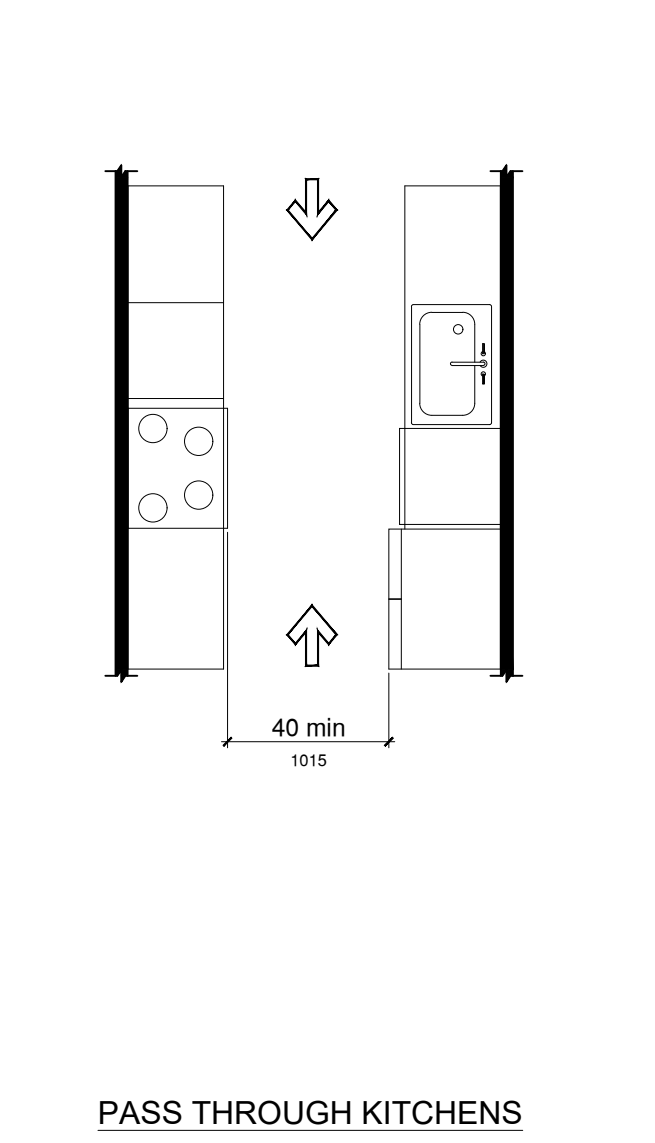
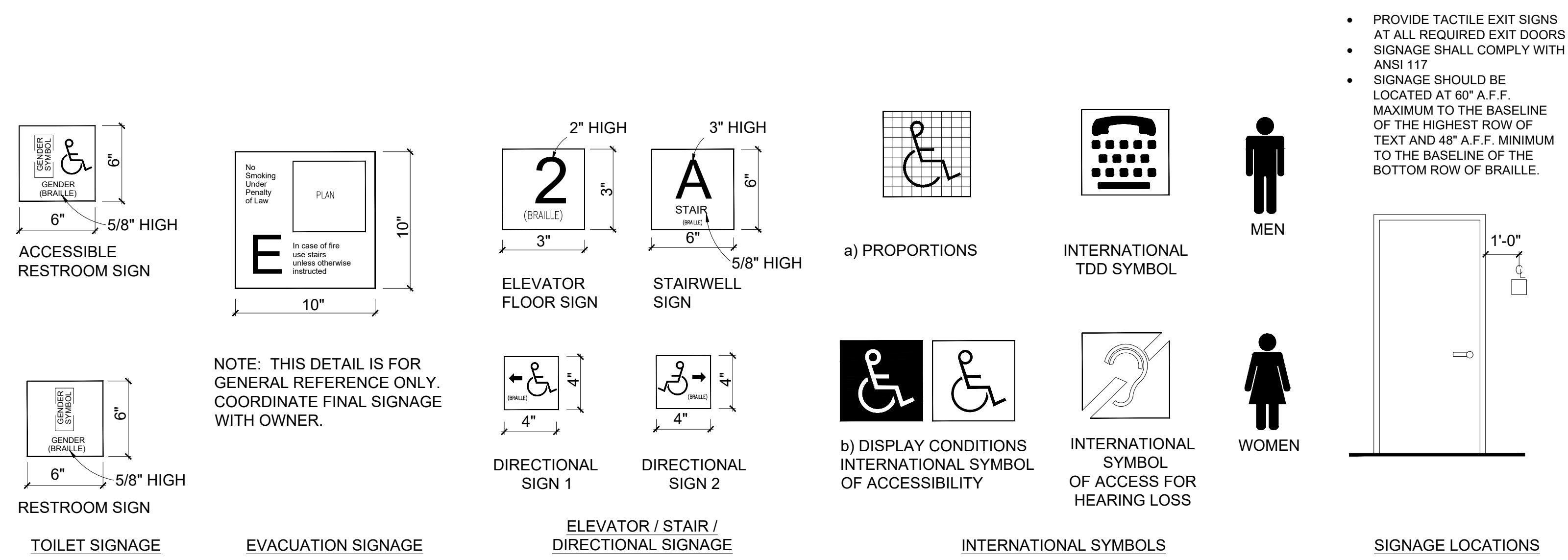
ID040

Not Valid for Permitting
Without Color Signature,
Raised Seal, and Date



| Issues and Revisions | | Date | By | Description |
|----------------------|----------|------|-------------|-------------|
| No. | Date | By | Description | |
| 01 | 04.22.22 | JCW | PERMIT SET | |
| 02 | | | | |
| 03 | | | | |
| 04 | | | | |
| 05 | | | | |
| 06 | | | | |
| 07 | | | | |
| 08 | | | | |
| 09 | | | | |

**11 PLUMBING ELEMENTS AND FACILITIES
TAS (CHAPTER 6)**



**12 SIGNAGE
TAS (SECTION 703)**

**13 KITCHENS AND KITCHENETTES
TAS (SECTION 804)**

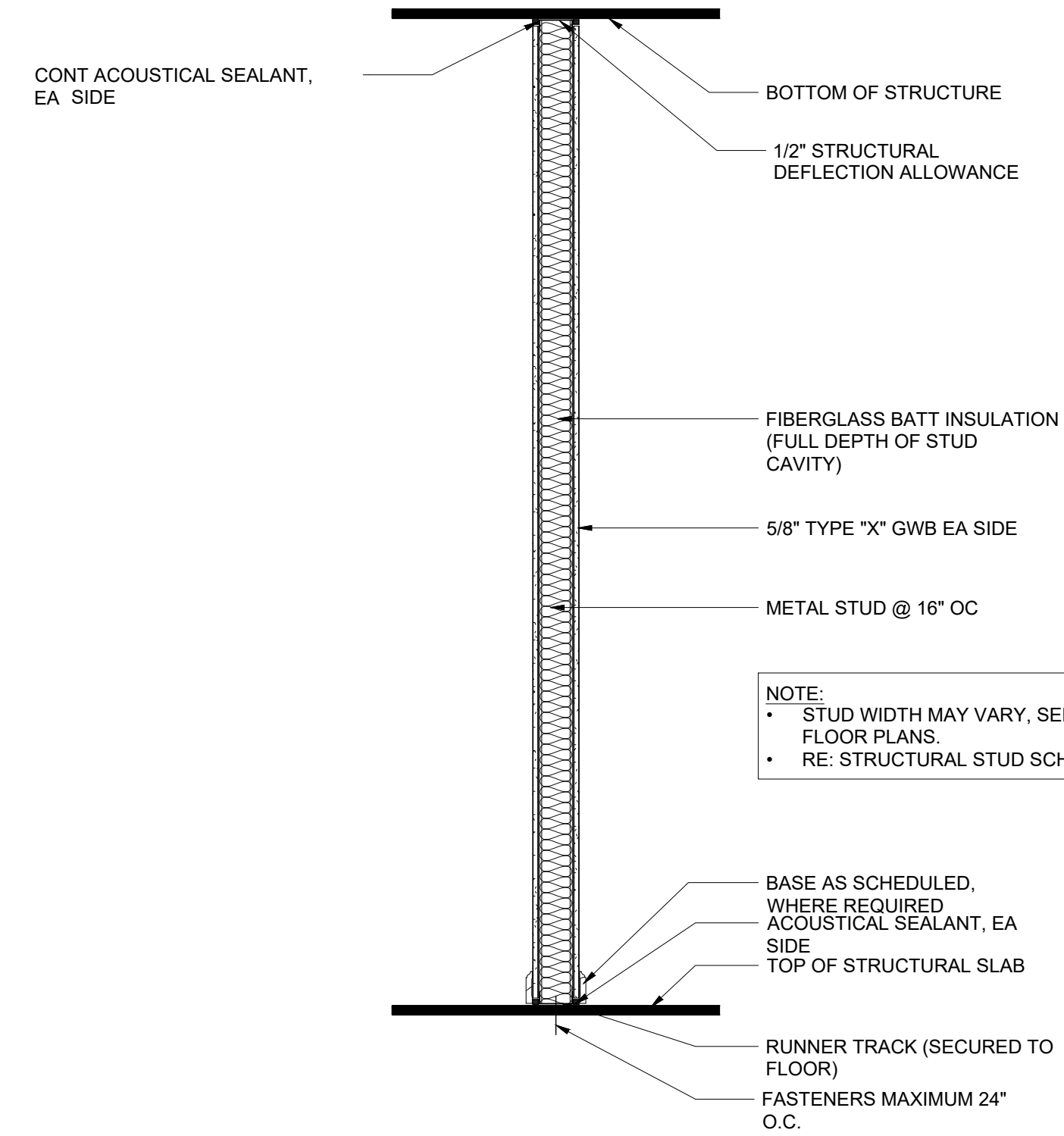
14 ACCESSIBLE HEIGHTS

VESTCOR

Project Number: 22.0017.00
Drawn By: JW
Checked By:
Project Name:
1649 ATLANTIC
OFFICE RENOVATION
JACKSONVILLE, FL
Drawing Name:
ADA ACCESSIBILITY GUIDELINES

ID041

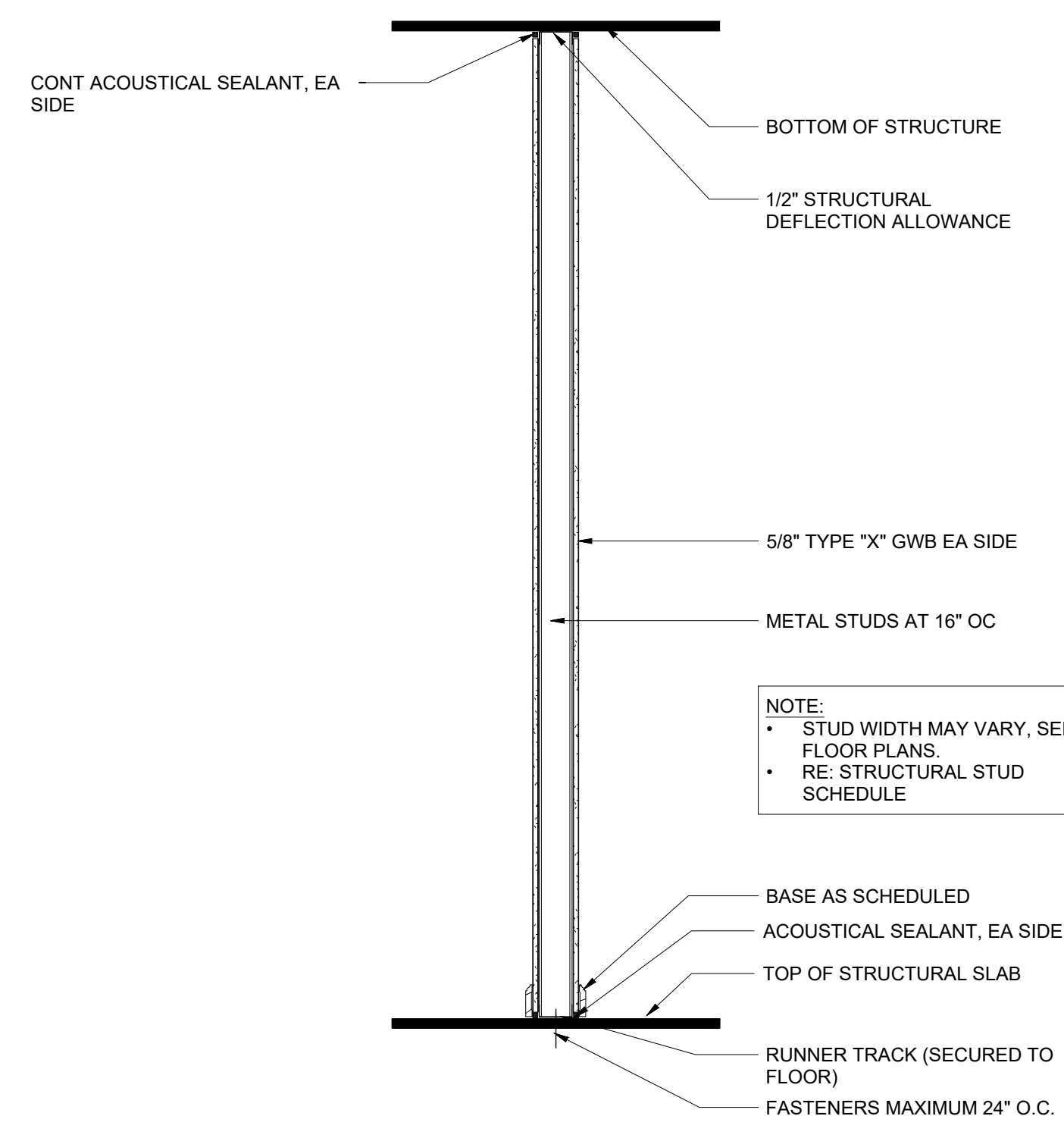
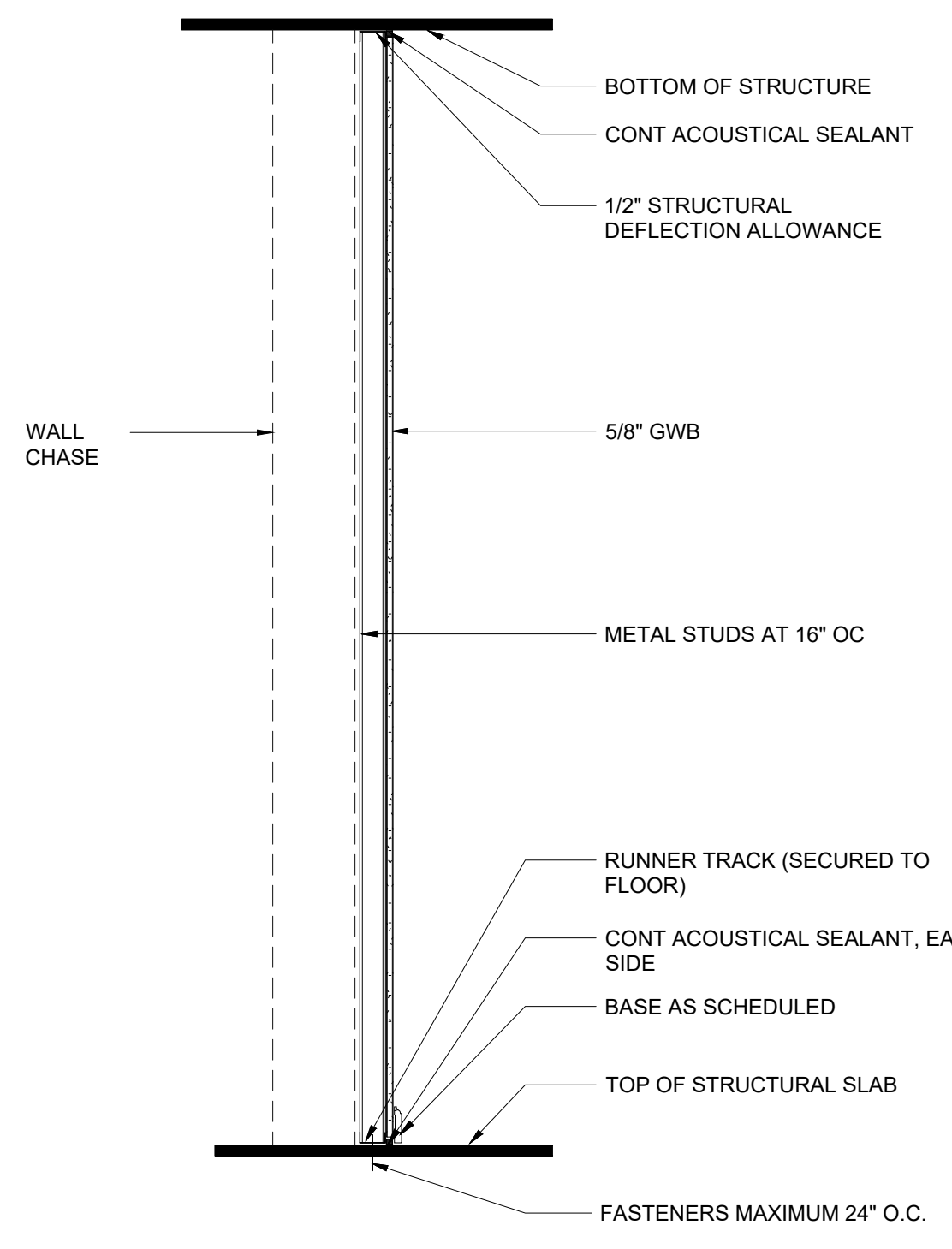
Not Valid for Permitting
Without Contractor Signature,
Raised Seal, and Date



NOTE:
• STUD WIDTH MAY VARY, SEE FLOOR PLANS.
• RE: STRUCTURAL STUD SCHEDULE

| KEY | STUD SIZE | WALL THICKNESS | FIRE RATING REQD [ACTUAL] | FIRE RATING METHOD | STC RATING |
|-----|------------|----------------|---------------------------|--------------------|------------|
| 2 | (a) 3 5/8" | 4 7/8" | NONE | N/A | 45 |
| | (b) 6" | 7 1/4" | | | |
| | (c) 1 5/8" | 2 1/4" | | | |

| Issues and Revisions | | Description |
|----------------------|----------|----------------|
| No. | Date | By |
| 01 | 04.22.22 | JGW PERMIT SET |
| 02 | | |
| 03 | | |
| 04 | | |
| 05 | | |
| 06 | | |
| 07 | | |
| 08 | | |
| 09 | | |



NOTE:
• STUD WIDTH MAY VARY, SEE FLOOR PLANS.
• RE: STRUCTURAL STUD SCHEDULE

| KEY | STUD SIZE | WALL THICKNESS | FIRE RATING REQD [ACTUAL] | FIRE RATING METHOD | STC RATING |
|-----|------------|----------------|---------------------------|--------------------|------------|
| 1 | (a) 3 5/8" | 4 7/8" | NONE | N/A | N/A |
| | (b) 6" | 7 1/4" | | | |
| | (c) 8" | 9 1/4" | | | |

| KEY | STUD SIZE | WALL THICKNESS | FIRE RATING REQD [ACTUAL] | FIRE RATING METHOD | STC RATING |
|-----|------------|----------------|---------------------------|--------------------|------------|
| 3 | (a) 1 5/8" | 2 1/4" | NONE | N/A | N/A |
| | (b) 2 1/2" | 3 1/8" | | | |
| | (c) 3 5/8" | | | | |

VESTCOR

Project Number: 22.0017.00
Drawn By: JGW
Checked By:
Project Name:
1649 ATLANTIC
OFFICE RENOVATION
JACKSONVILLE, FL
Drawing Name:
PARTITION TYPES

ID060

GENERAL NOTES - DEMOLITION PLAN






1. EXST FIRE RATED PARTITIONS: CONTRACTOR SHALL INSPECT & VERIFY EXST CONSTRUCTION PRIOR TO BEGINNING DEMOLITION: WALLS OR PORTIONS OF WALLS WHICH DO NOT COMPLY WITH THE FIRE RATING INDICATED WILL BE REPAIRED AS NECESSARY; NOTIFY DESIGNER OF ANY DISCREPANCIES.
2. ALL DIMENSIONS INDICATED ARE TO FACE OF STUD. FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION TO ENSURE ACCURACY OF PLANS.
3. PRESERVE INTERIOR GYP BD AT EXTERIOR WALLS ONLY; DEMOLISH ALL OTHER EXISTING INTERIOR FINISHES (INCLUDING, BUT NOT LIMITED TO: CARPET, WOOD FLOORING, WALL BASE, CASEWORK, KITCHEN / LAUNDRY APPLIANCES AND BATHROOM FIXTURES) UNLESS NOTED OTHERWISE.
4. DEMOLISH ALL EXISTING INTERIOR PARTITION WALLS ON ALL FLOORS. UNLESS OTHERWISE NOTED, REPAIR / PREP EXISTING EXTERIOR WALL / EXISTING FLOOR SLAB THROUGHOUT AS NEEDED TO RECEIVE NEW CONSTRUCTION.
5. DEMOLISHED WALLS INDICATED ARE FULL HEIGHT, INCLUDING GYP BOARD, STUDS AND ANY AFFILIATED CASEWORK, ELECTRICAL, MECHANICAL AND PLUMBING FIXTURES.
6. DEMOLISH ALL EXISTING INTERIOR DOORS AND FRAMES ON ALL FLOORS. UNLESS OTHERWISE NOTED.
7. DEMOLISH ALL EXISTING CEILINGS. (INCLUDING, BUT NOT LIMITED TO: CEILING GRID, CEILING TILES, GYPSUM, TRIM, LIGHTING, DIFFUSERS, FIRE ALARM, ETC.) UNLESS OTHERWISE NOTED.
8. DEMOLISH ALL MECHANICAL EQUIPMENT. (INCLUDING, BUT NOT LIMITED TO: MECHANICAL UNITS, DUCTS, GRILLES, VENTS, ETC.) ALL TO BE RECONSTRUCTED IN NEW CONSTRUCTION.

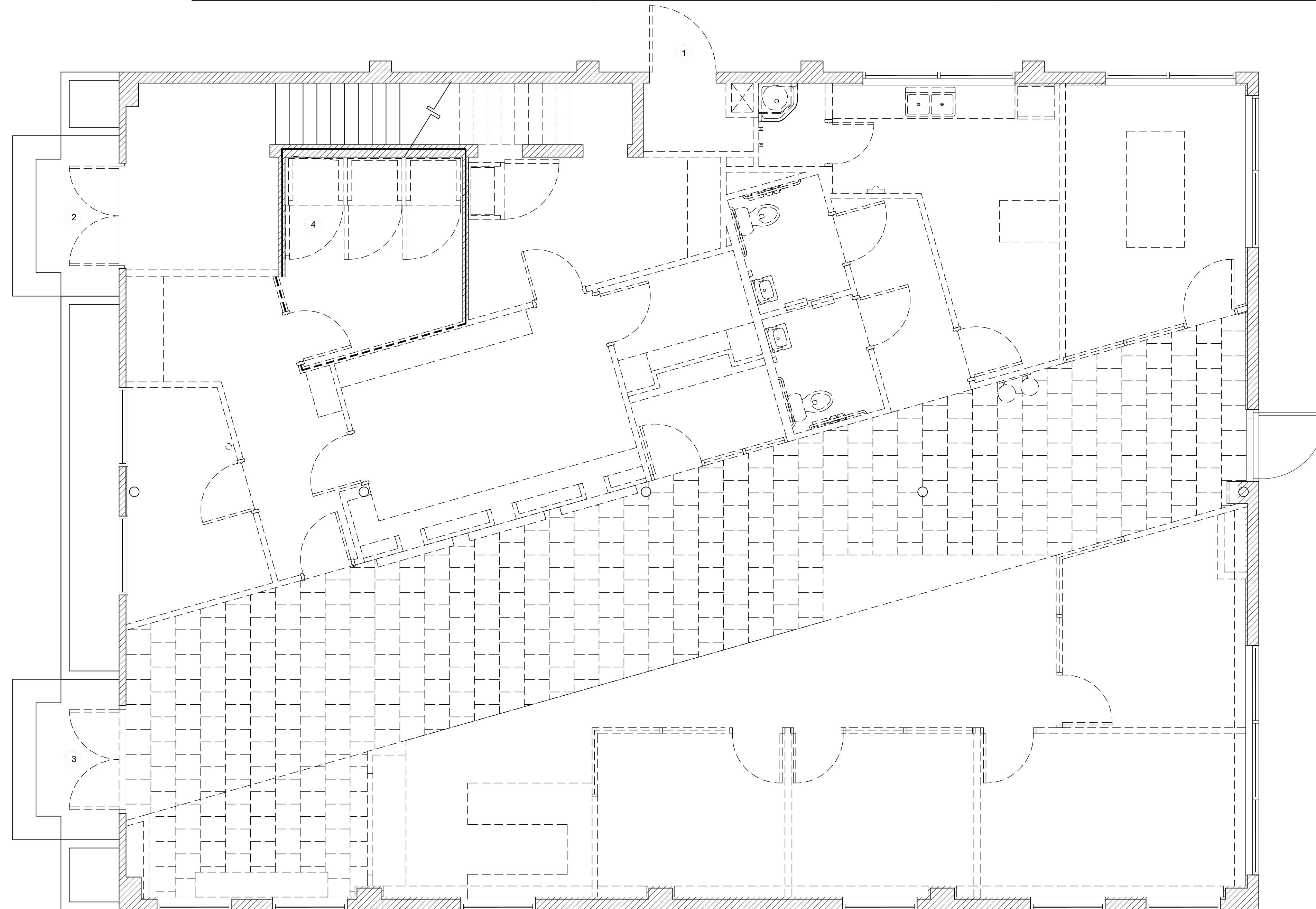
9. DEMOLISH ALL PLUMBING FIXTURES. (INCLUDING, BUT NOT LIMITED TO: PIPES AND CONNECTIONS, SANITARY PIPING, DOMESTIC WATER PIPING, DRINKING FOUNTAINS, ETC.) TO BE REPLACED IN NEW CONSTRUCTION.
 10. DEMOLISH ALL ELECTRICAL DEVICES. (INCLUDING, BUT NOT LIMITED TO: WIRING, JUNCTION BOXES, WALL/CEILING FIXTURES, FIRE ALARM, ETC.) TO BE REPLACED IN NEW CONSTRUCTION.
 11. GENERAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL, ELECTRICAL AND PLUMBING ENGINEERING DRAWINGS FOR ADDITIONAL HVAC, PLUMBING OR ELECTRICAL DEMOLITION REQUIRED.
 12. DEMOLISH EXISTING FIRE EXTINGUISHERS AND CABINETS, TO BE REPLACED IN NEW CONSTRUCTION. VERIFY ALL LOCATIONS IN FIELD.
 13. ALL ITEMS THAT HAVE BEEN DEMOLISHED SHALL BE PROPERLY DISCARDED IN IT'S ENTIRETY, UNLESS NOTED OTHERWISE.
- ** PRIOR TO THE START OF DEMO OF THE INTERIOR PARTITIONS, ALL BEARING WALLS AND COLUMNS SHALL BE LOCATED AND MARKED TO REMAIN. ****

KEYNOTES - DEMOLITION PLAN

- 1 REMOVE EXISTING DOOR AND FRAME; PREPARE TO RECEIVE MASONRY INFILL
- 2 REMOVE EXISTING DOOR AND FRAME; PREPARE OPENING FOR NEW DOOR AS SCHEDULED
- 3 REMOVE EXISTING DOOR AND FRAME; PREPARE OPENING FOR NEW WINDOW AS SCHEDULED
- 4 EXST SAFE TO BE REMOVED
- 5 EXST BRICK CHASE TO BE DEMOLISHED; FLOOR TO BE INFILLED PER DWGS

DEMOLITION LEGEND

-  SPECIALTY ELEMENT TO REMAIN
-  EXST WALL TO REMAIN, UNO
-  EXST STRUCTURAL COLUMN TO REMAIN
-  EXISTING WALLS TO BE DEMOLISHED TO LIMITS SHOWN ON DRAWINGS; PATCH, REPAIR, SMOOTH AND CLEAN ADJACENT FLOORS, WALLS AND CEILINGS AS REQD TO PROVIDE SMOOTH SURFACE FOR NEW FINISHES
-  EXST DOOR TO BE REMOVED



1 FIRST FLOOR DEMOLITION PLAN

1/4" = 1'-0"

| Issues and Revisions | | |
|----------------------|--------------|-------------|
| No. | Date | Description |
| 01 | 04.22.22 JGW | PERMIT SET |
| 02 | | |
| 03 | | |
| 04 | | |
| 05 | | |
| 06 | | |
| 07 | | |
| 08 | | |
| 09 | | |

VESTCOR

Project Number: 22.0017.00
 Drawn By: JGW
 Checked By:
 Project Name:
 1649 ATLANTIC
 OFFICE RENOVATION
 JACKSONVILLE, FL
 Drawing Name:
 FIRST FLOOR
 DEMOLITION PLAN

Not Valid for Permitting
Without Color Signature,
Raised Seal, and Date

GENERAL NOTES - DEMOLITION PLAN

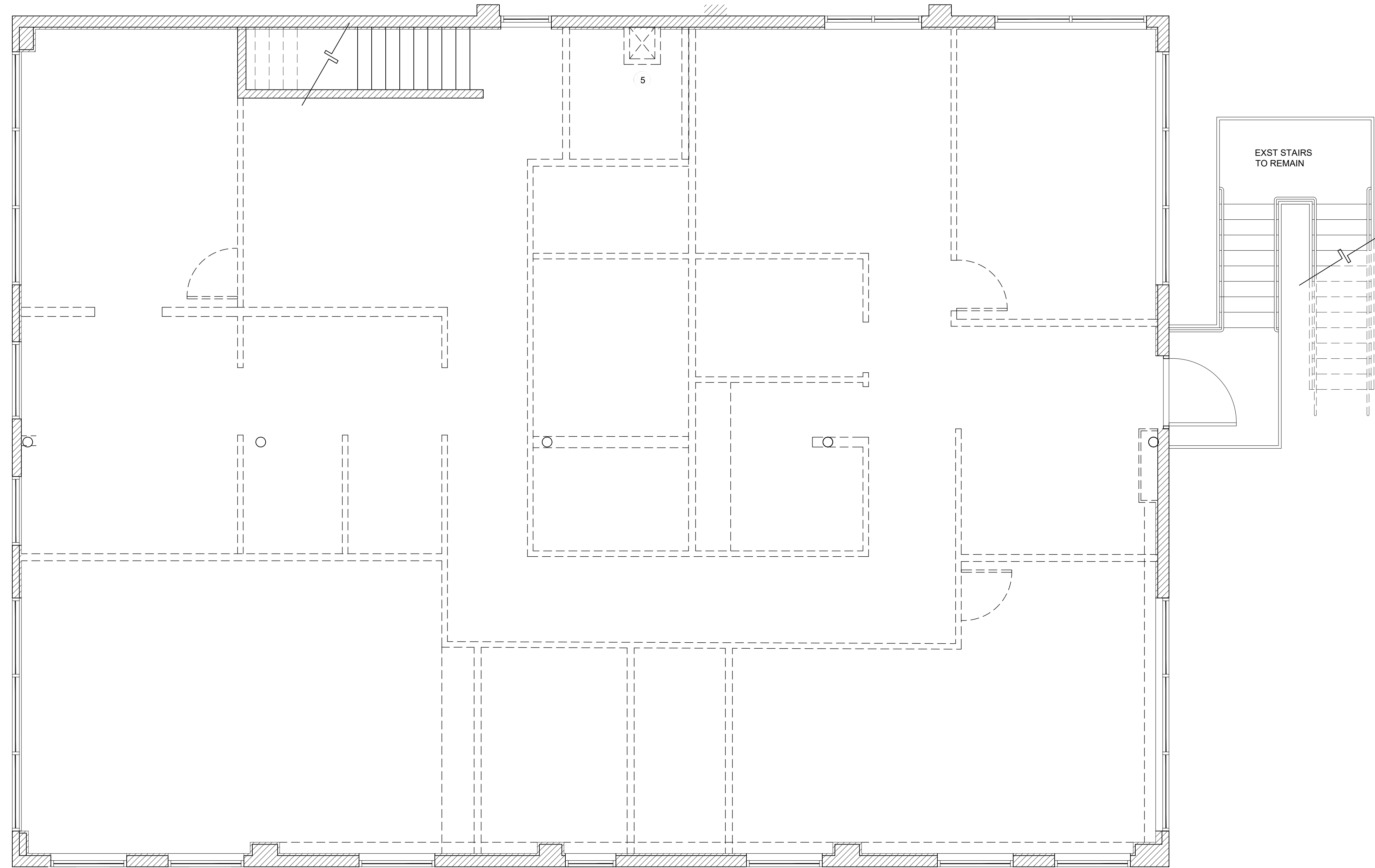
1. EXST FIRE RATED PARTITIONS: CONTRACTOR SHALL INSPECT & VERIFY EXST CONSTRUCTION PRIOR TO BEGINNING DEMOLITION: WALLS OR PORTIONS OF WALLS WHICH DO NOT COMPLY WITH THE FIRE RATING INDICATED WILL BE REPAIRED AS NECESSARY; NOTIFY DESIGNER OF ANY DISCREPANCIES.
 2. ALL DIMENSIONS INDICATED ARE TO FACE OF STUD. FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION TO ENSURE ACCURACY OF PLANS.
 3. PRESERVE INTERIOR GYP BD AT EXTERIOR WALLS ONLY; DEMOLISH ALL OTHER EXISTING INTERIOR FINISHES (INCLUDING, BUT NOT LIMITED TO: CARPET, WOOD FLOORING, WALL BASE, CASEWORK, KITCHEN / LAUNDRY APPLIANCES AND BATHROOM FIXTURES) UNLESS NOTED OTHERWISE.
 4. DEMOLISH ALL EXISTING INTERIOR PARTITION WALLS ON ALL FLOORS. UNLESS OTHERWISE NOTED, REPAIR / PREP EXISTING EXTERIOR WALL / EXISTING FLOOR SLAB THROUGHOUT AS NEEDED TO RECEIVE NEW CONSTRUCTION.
 5. DEMOLISHED WALLS INDICATED ARE FULL HEIGHT, INCLUDING GYP BOARD, STUDS AND ANY AFFILIATED CASEWORK, ELECTRICAL, MECHANICAL AND PLUMBING FIXTURES.
 6. DEMOLISH ALL EXISTING INTERIOR DOORS AND FRAMES ON ALL FLOORS. UNLESS OTHERWISE NOTED.
 7. DEMOLISH ALL EXISTING CEILINGS. (INCLUDING, BUT NOT LIMITED TO: CEILING GRID, CEILING TILES, GYPSUM, TRIM, LIGHTING, DIFFUSERS, FIRE ALARM, ETC.) UNLESS OTHERWISE NOTED.
 8. DEMOLISH ALL MECHANICAL EQUIPMENT. (INCLUDING, BUT NOT LIMITED TO: MECHANICAL UNITS, DUCTS, GRILLES, VENTS, ETC.) ALL TO BE RECONSTRUCTED IN NEW CONSTRUCTION.
 9. DEMOLISH ALL PLUMBING FIXTURES. (INCLUDING, BUT NOT LIMITED TO: PIPES AND CONNECTIONS, SANITARY PIPING, DOMESTIC WATER PIPING, DRINKING FOUNTAINS, ETC.) TO BE REPLACED IN NEW CONSTRUCTION.
 10. DEMOLISH ALL ELECTRICAL DEVICES. (INCLUDING, BUT NOT LIMITED TO: WIRING, JUNCTION BOXES, WALL/CEILING FIXTURES, FIRE ALARM, ETC.) TO BE REPLACED IN NEW CONSTRUCTION.
 11. GENERAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL, ELECTRICAL AND PLUMBING ENGINEERING DRAWINGS FOR ADDITIONAL HVAC, PLUMBING OR ELECTRICAL DEMOLITION REQUIRED.
 12. DEMOLISH EXISTING FIRE EXTINGUISHERS AND CABINETS, TO BE REPLACED IN NEW CONSTRUCTION. VERIFY ALL LOCATIONS IN FIELD.
 13. ALL ITEMS THAT HAVE BEEN DEMOLISHED SHALL BE PROPERLY DISCARDED IN IT'S ENTIRETY, UNLESS NOTED OTHERWISE.
- ** PRIOR TO THE START OF DEMO OF THE INTERIOR PARTITIONS, ALL BEARING WALLS AND COLUMNS SHALL BE LOCATED AND MARKED TO REMAIN. **

KEYNOTES - DEMOLITION PLAN

- 1 REMOVE EXISTING DOOR AND FRAME; PREPARE TO RECEIVE MASONRY INFILL
- 2 REMOVE EXISTING DOOR AND FRAME; PREPARE OPENING FOR NEW DOOR AS SCHEDULED
- 3 REMOVE EXISTING DOOR AND FRAME; PREPARE OPENING FOR NEW WINDOW AS SCHEDULED
- 4 EXST SAFE TO BE REMOVED
- 5 EXST BRICK CHASE TO BE DEMOLISHED; FLOOR TO BE INFILLED PER DWGS

DEMOLITION LEGEND

- SPECIALTY ELEMENT TO REMAIN
- ▨ EXST WALL TO REMAIN, UNO
- EXST STRUCTURAL COLUMN TO REMAIN
- EXISTING WALLS TO BE DEMOLISHED TO LIMITS SHOWN ON DRAWINGS; PATCH, REPAIR, SMOOTH AND CLEAN ADJACENT FLOORS, WALLS AND CEILINGS AS REQD TO PROVIDE SMOOTH SURFACE FOR NEW FINISHES
- ⌋ EXST DOOR TO BE REMOVED



Not Valid for Permitting
Without Contractor Signature,
Raised Seal, and Date

| No. | Date | By | Description |
|-----|----------|-----|-------------|
| 01 | 04.22.22 | JGW | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

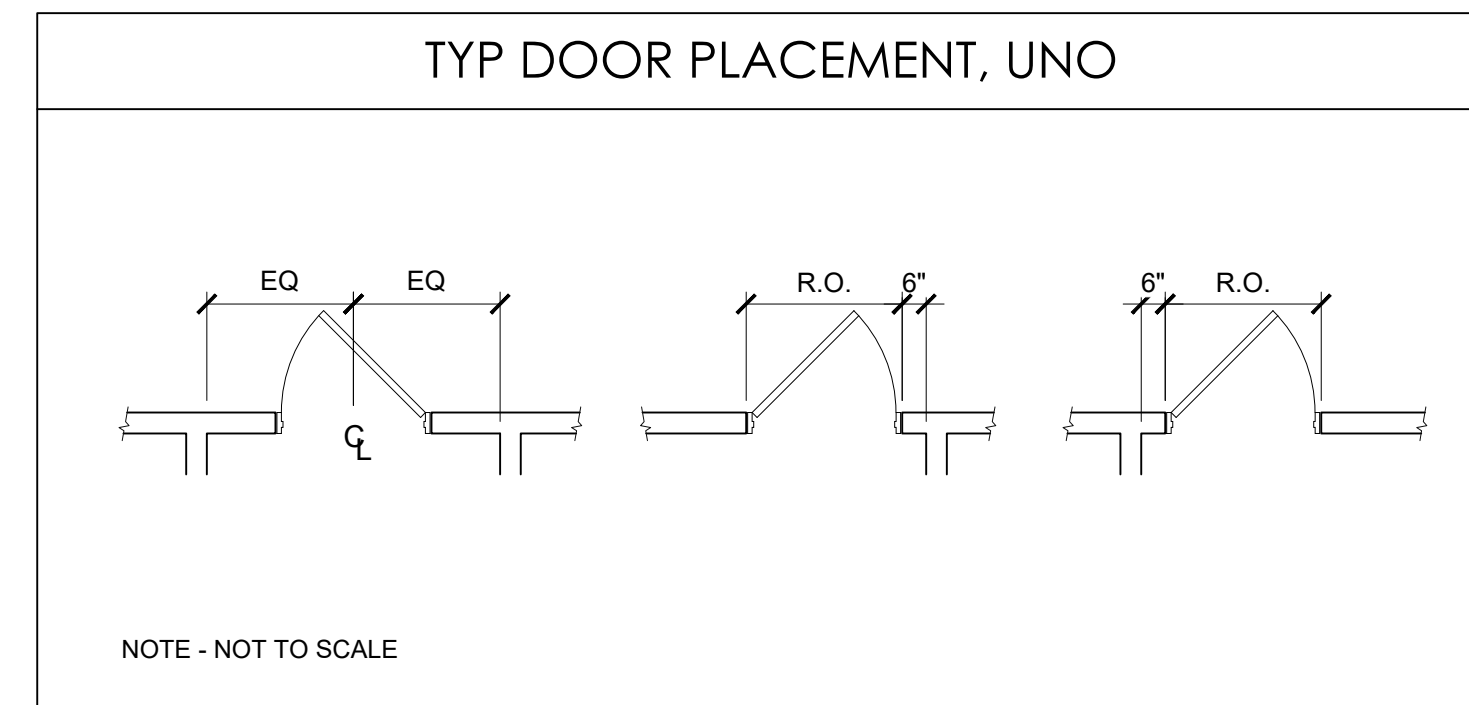
VESTCOR

Project Number: 22.0017.00
Drawn By: JGW
Checked By:
Project Name:
1649 ATLANTIC
OFFICE RENOVATION
JACKSONVILLE, FL
Drawing Name:
SECOND FLOOR
DEMOLITION PLAN

SECOND FLOOR DEMOLITION PLAN

1/4" = 1'-0"

Not Valid for Permitting
Without Color Signature,
Raised Seal, and Date

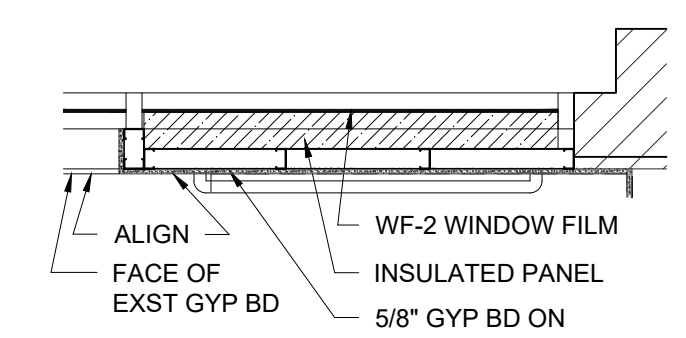


- GENERAL NOTES - NEW CONSTRUCTION**
- RE: ID060 FOR PARTITION TYPES
 - RE: ID020 FOR INTERIOR FINISH MATERIAL LEGEND
 - RE: ID700 FOR DOOR AND HARDWARE SCHEDULE
 - RE: ID900 SERIES FOR CEILING INFORMATION
 - WHERE NEW GYP BD PARTITIONS ARE A CONTINUATION OF AN EXST PARTITION OR COLUMN ENCASUREMENT, THE FACE OF THE NEW GYP BD SHALL BE ALIGNED WITH THE FACE OF THE EXST SURFACE
 - SEE SHEETS ID040 AND ID041 ADA ACCESSIBILITY GUIDELINES FOR TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES AND TOILET ACCESSORIES
 - CONTRACTOR TO PROVIDE BLOCKING AS REQD AT ALL GRAB BARS AND WALL MOUNTED MONITORS & EQUIPMENT

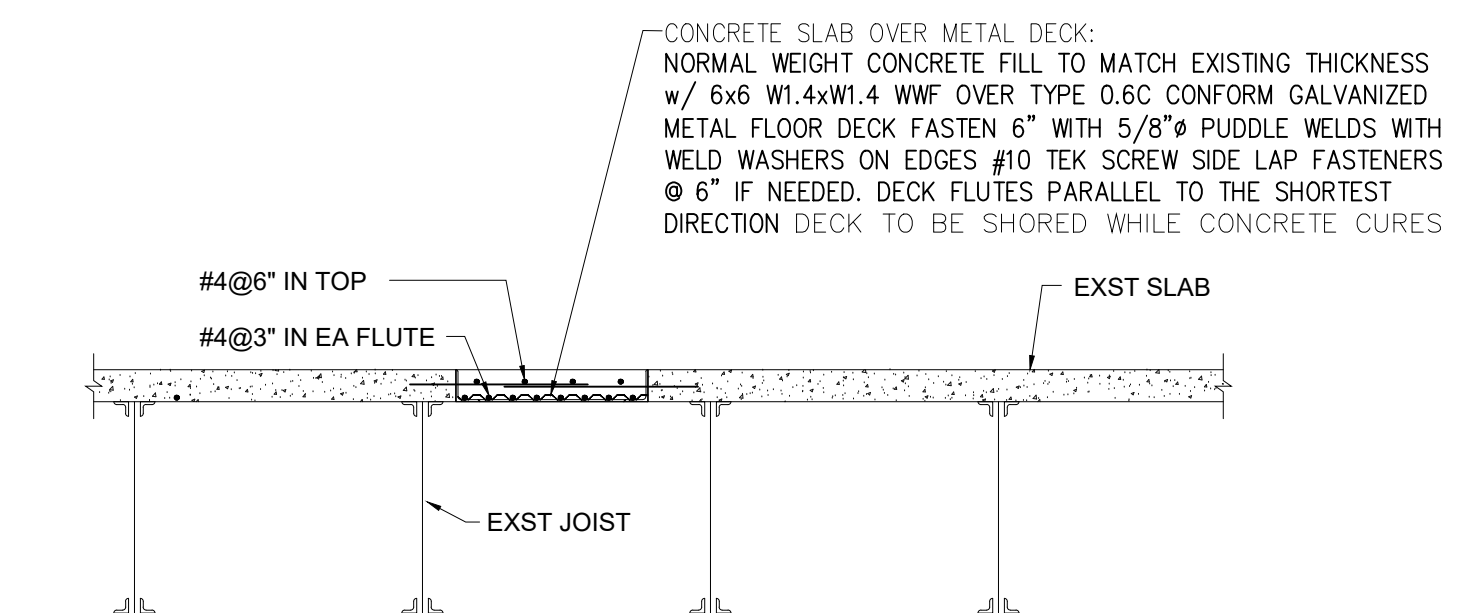
- KEYNOTES - NEW CONSTRUCTION**
- PROVIDE GYP BD AT ALL UNFINISHED EXTERIOR WALLS; SHALL HAVE LEVEL 5 FINISH
 - INSTALL WF-1 WINDOW FILM AT INSIDE OF GLASS
 - INFILL MASONRY OPENING WITH CMU; PREP SURFACE TO HAVE FINISHED FACE FLUSH WITH ADJACENT WALLS
 - FURRING AT COLUMN SHALL BE TIGHT TO STRUCTURE



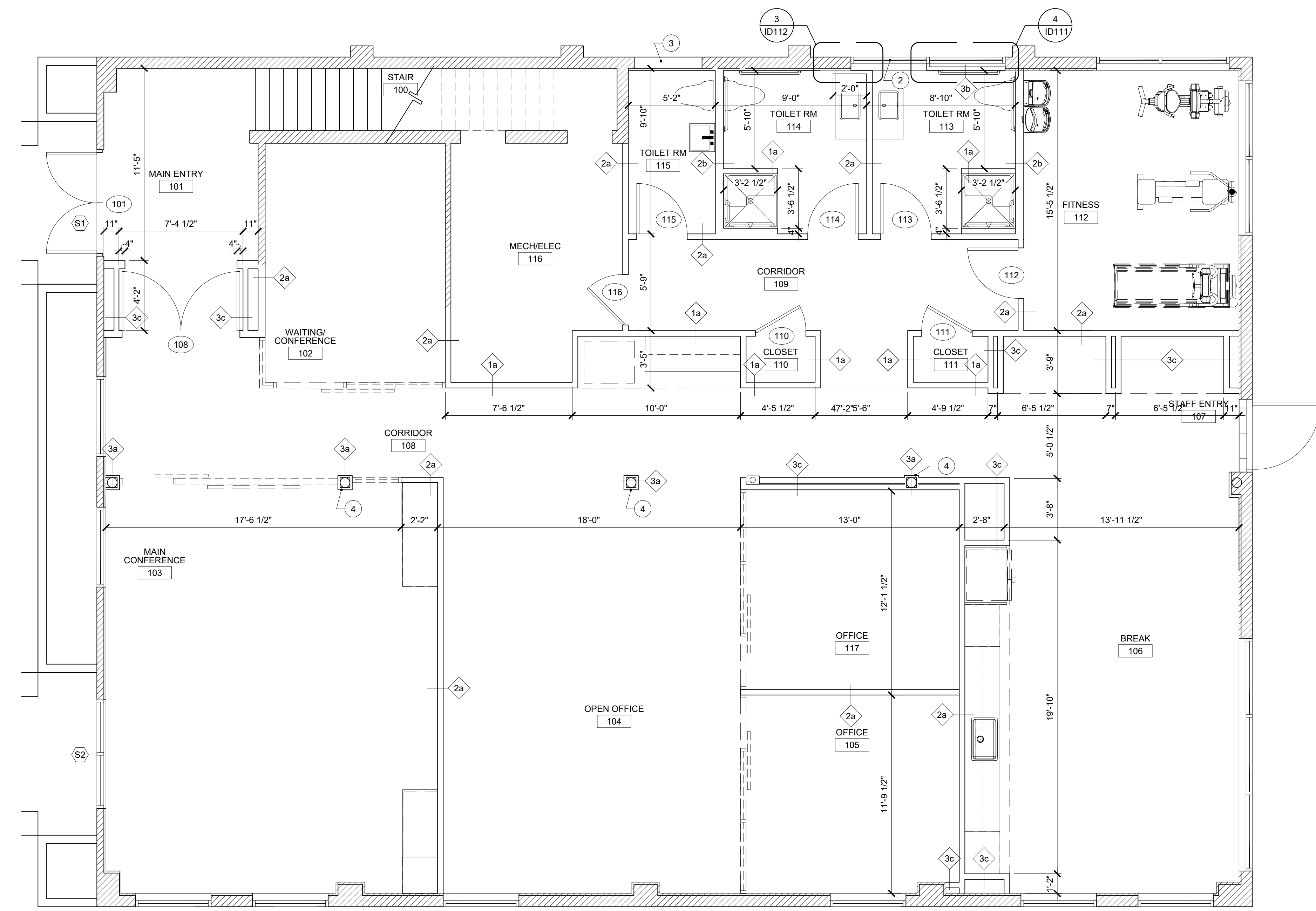
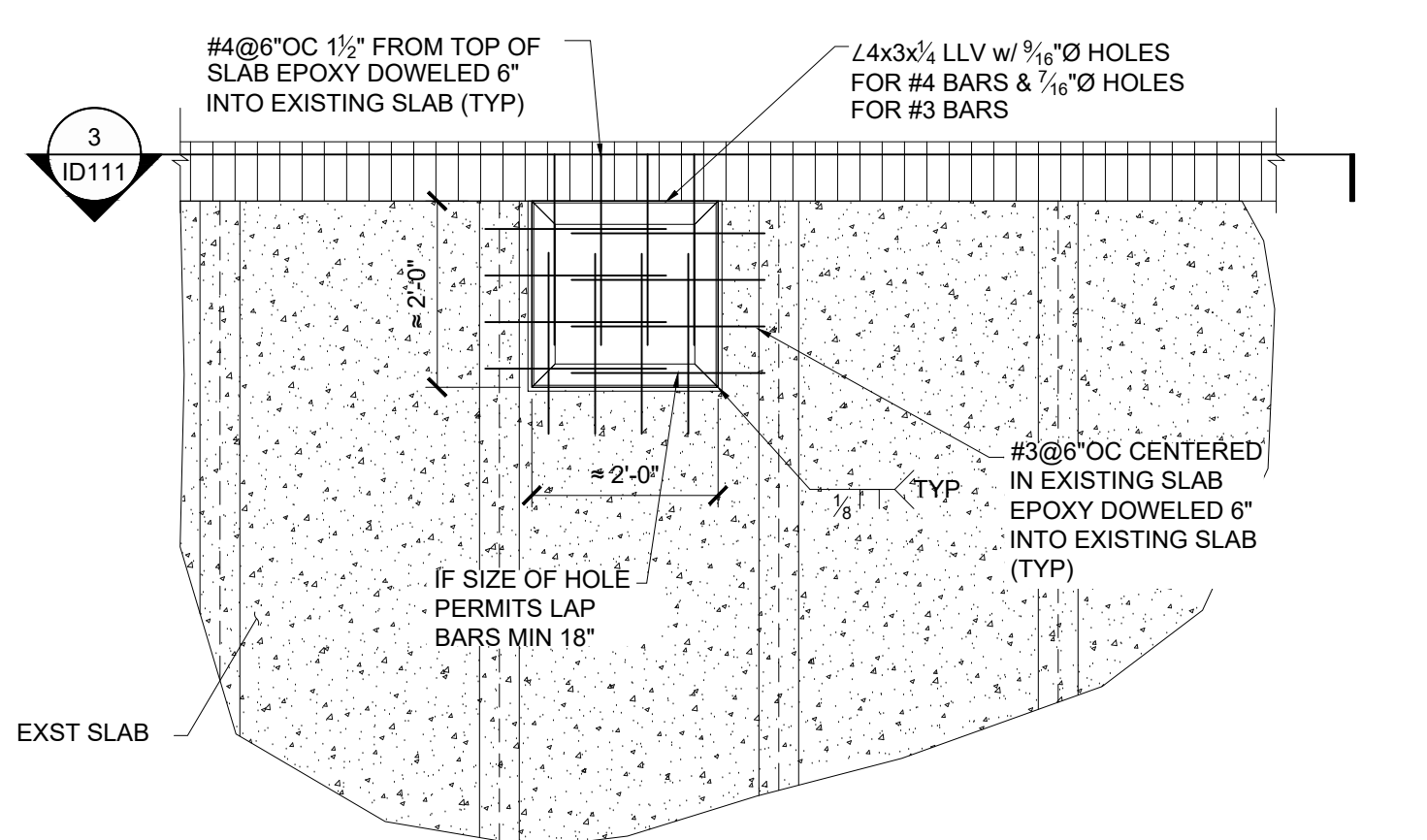
4 PLAN DTL - FURRING AT EXST EXT GLAZING 1" = 1'-0"



3 SECT DTL AT SLAB INFILL 1/2" = 1'-0"



2 PLAN DTL AT SLAB INFILL 1/2" = 1'-0"



1 FIRST FLOOR PLAN 1/4" = 1'-0"

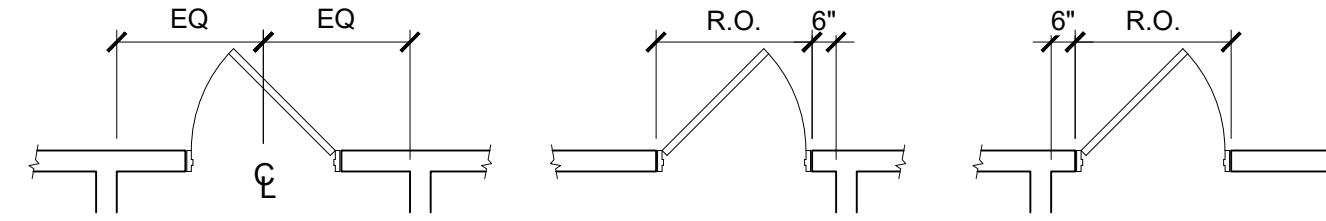
| No. | Date | By | Description |
|-----|----------|-----|-------------|
| 01 | 04.22.22 | JCW | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

VESTCOR

Project Number: 22.0017.00
Drawn By:
Checked By:
Project Name:
1649 ATLANTIC
OFFICE RENOVATION
JACKSONVILLE, FL
Drawing Name:
FIRST FLOOR PLAN

ID111

TYP DOOR PLACEMENT, UNO



NOTE - NOT TO SCALE

GENERAL NOTES - NEW CONSTRUCTION

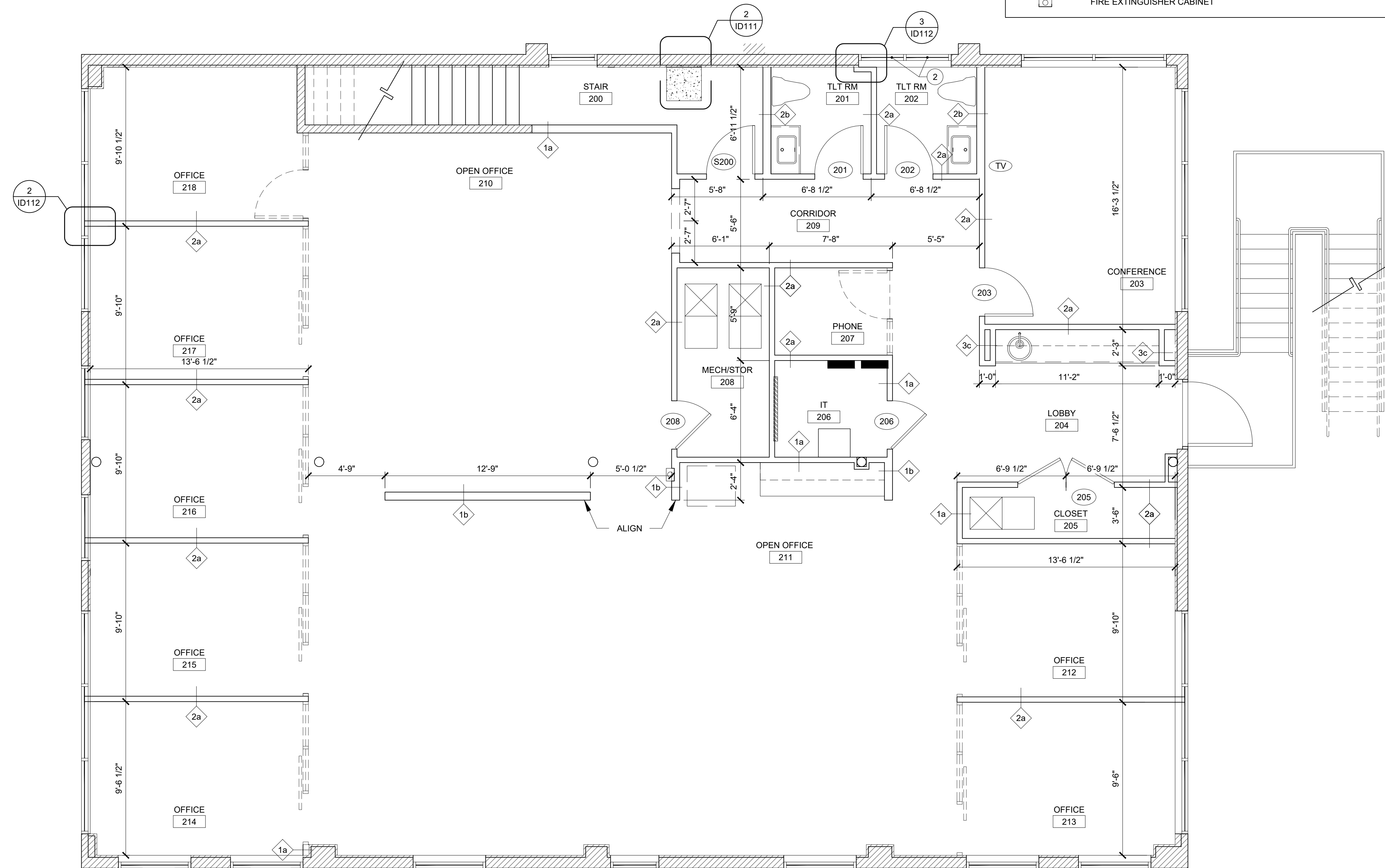
- RE: ID060 FOR PARTITION TYPES
- RE: ID020 FOR INTERIOR FINISH MATERIAL LEGEND
- RE: ID700 FOR DOOR AND HARDWARE SCHEDULE
- RE: ID900 SERIES FOR CEILING INFORMATION
- WHERE NEW GYP BD PARTITIONS ARE A CONTINUATION OF AN EXST PARTITION OR COLUMN ENCASEMENT, THE FACE OF THE NEW GYP BD SHALL BE ALIGNED WITH THE FACE OF THE EXST SURFACE
- SEE SHEETS ID040 AND ID041 ADA ACCESSIBILITY GUIDELINES FOR TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES AND TOILET ACCESSORIES
- CONTRACTOR TO PROVIDE BLOCKING AS REQD AT ALL GRAB BARS AND WALL MOUNTED MONITORS & EQUIPMENT

KEYNOTES - NEW CONSTRUCTION

- PROVIDE GYP BD AT ALL UNFINISHED EXTERIOR WALLS; SHALL HAVE LEVEL 5 FINISH
- INSTALL WF-1 WINDOW FILM AT INSIDE OF GLASS
- INFILL MASONRY OPENING WITH CMU; PREP SURFACE TO HAVE FINISHED FACE FLUSH WITH ADJACENT WALLS
- FURRING AT COLUMN SHALL BE TIGHT TO STRUCTURE

LEGEND - NEW CONSTRUCTION

- EXST WALL TO REMAIN, UNO
 - NEW CONSTRUCTION, TYP PARTITION, UNO
 - MODULAR WALL BY OTHERS
 - NEW SINGLE DOOR, DOOR FRAME AND HDWR
 - NEW DOUBLE DOOR, DOOR FRAME AND HDWR
 - FIRE EXTINGUISHER CABINET
- NOTE 1: ALL NEW DOORS TO BE 3'-0" WIDE MIN UNO
NOTE 2: ALL NEW DOOR PULL HDWR TO BE ACCESSIBLE, APPROVED 'LEVER' STYLE



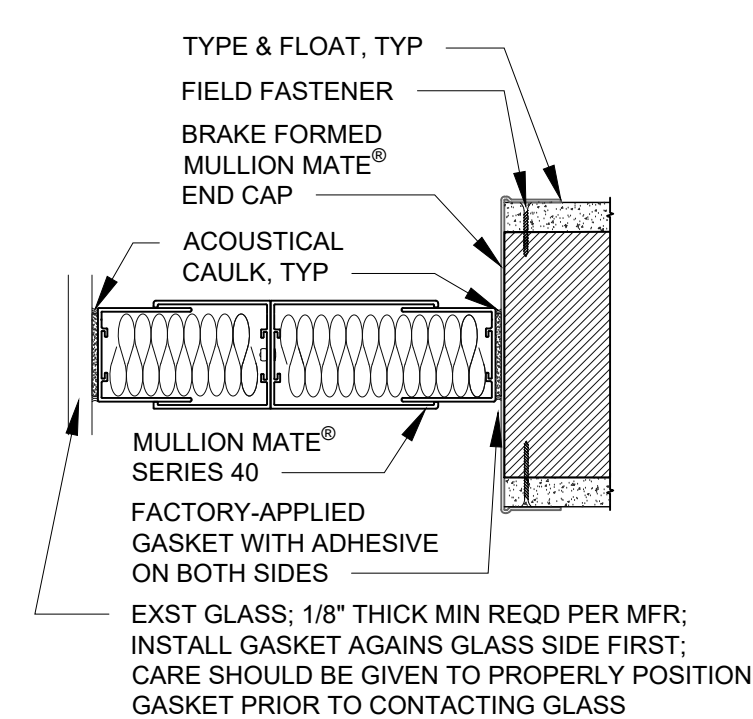
Not Valid for Permitting
Without Color Signature,
Raised Seal, and Date

| No. | Date | By | Description |
|-----|----------|-----|-------------|
| 01 | 04.22.22 | JCW | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

VESTCOR

Project Number: 22.0017.00
Drawn By:
Checked By:
Project Name:
1649 ATLANTIC
OFFICE RENOVATION
JACKSONVILLE, FL
Drawing Name:
SECOND FLOOR PLAN

3 PLAN DTL AT WALL TERMINATION 6" = 1'-0"



2 PLAN DTL AT WALL-TO-GLASS TERMINATION TYPICAL UNO 6" = 1'-0"

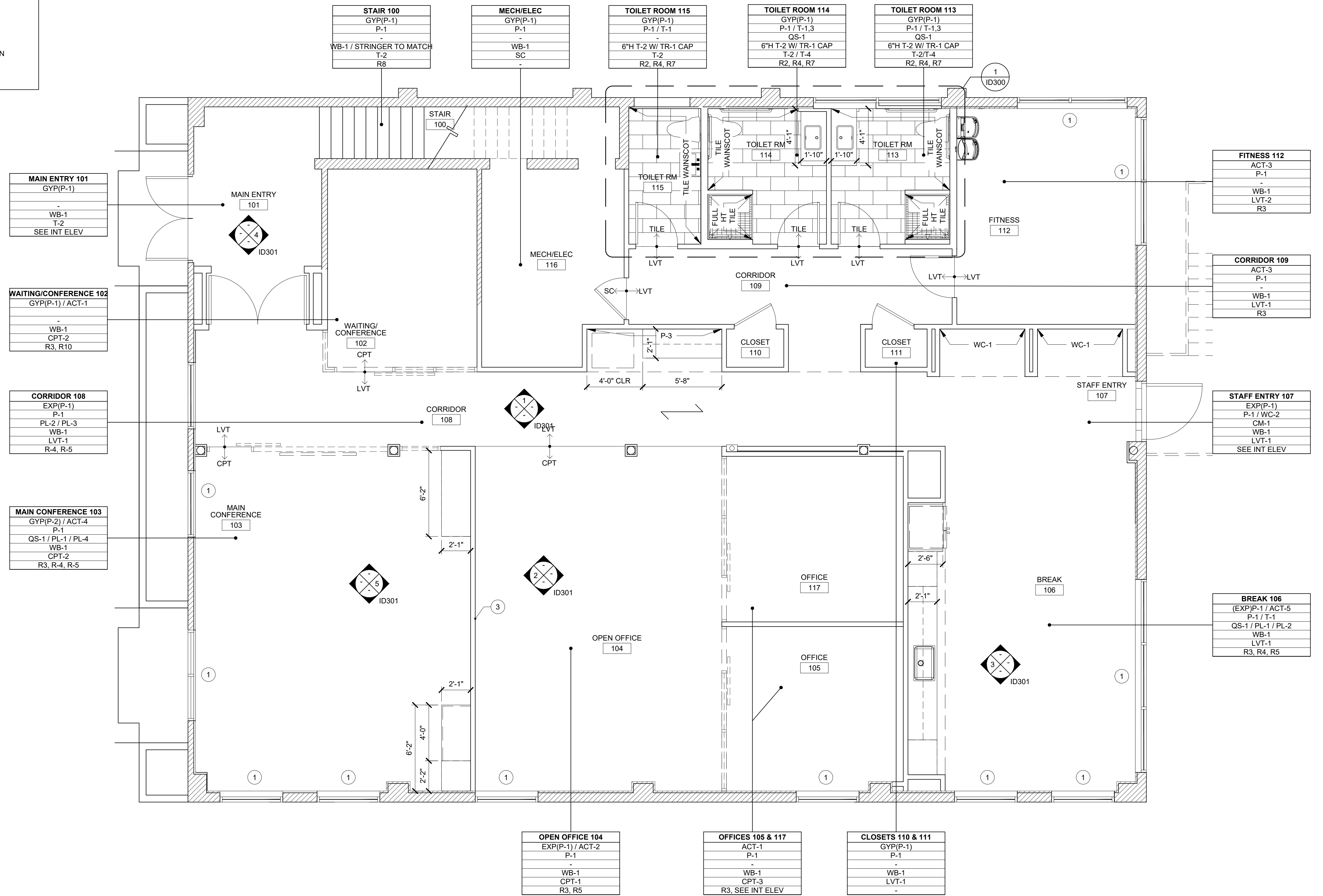
1 SECOND FLOOR PLAN 1/4" = 1'-0"

| SYMBOL LEGEND | | | | | | | | |
|---|--|---------|------|----------|------|-------|---------|--|
| <table border="1"> <tr><td>ROOM</td></tr> <tr><td>CEILING</td></tr> <tr><td>WALL</td></tr> <tr><td>CASEWORK</td></tr> <tr><td>BASE</td></tr> <tr><td>FLOOR</td></tr> <tr><td>REMARKS</td></tr> </table> | ROOM | CEILING | WALL | CASEWORK | BASE | FLOOR | REMARKS | ROOM FINISH TAG RE: ID001 & ID002 FOR FURTHER INFORMATION |
| ROOM | | | | | | | | |
| CEILING | | | | | | | | |
| WALL | | | | | | | | |
| CASEWORK | | | | | | | | |
| BASE | | | | | | | | |
| FLOOR | | | | | | | | |
| REMARKS | | | | | | | | |
| | WALL MOUNTED TELEVISION (TV BY OWNER; CONTRACTOR TO PROVIDE WIRING/CABLING AND LOW PROFILE MOUNT TO MEET ADA PROJECTION CLEARANCE REQUIREMENTS) CONTRACTOR TO COORDINATE MOUNTING HEIGHT WITH OWNER | | | | | | | |
| | INTERIOR ELEVATION TAG | | | | | | | |
| | TILE OR CARPET PLANK INSTALLATION DIRECTION | | | | | | | |

| FINISH SCHEDULE & TAG REMARKS | |
|---|--|
| R1. (TYPICAL ALL ROOMS) SHEETS ID201 AND ID202 INTERIOR FINISH PLANS FOR ALL FLOORING FINISH EXTENTS AND CHANGES | R6. NOT USED. |
| R2. (TYPICAL ALL ROOMS) SEE ID300 SERIES INTERIOR ELEVATIONS FOR ALL WALL FINISH EXTENTS AND CHANGES | R7. SPECIFIED WALL BASE SHALL BE INSTALLED ONLY ON WALLS WITHOUT TILE. |
| R3. SEE ID900 SERIES REFLECTED CEILING PLAN FOR ALL DECORATIVE CEILING INFORMATION | R8. PROVIDE TR-2 STAIR NOSING TRIM AT EACH STEP AND LANDING; CODE-COMPLIANT HANDRAIL SHALL BE INSTALLED, PAINT P-2 |
| R4. MULTIPLE WALL FINISHES PER WALL / VARYING WALL FINISHES WITHIN ROOM - SEE ID201, ID202 AND ID300 SERIES INTERIOR ELEVATIONS FOR WALL FINISH EXTENTS | R9. REFER TO ID100 SERIES INTERIOR REFERENCE PLANS FOR FURTHER INFORMATION |
| R5. SEE ID300 SERIES INTERIOR ELEVATIONS FOR DECORATIVE INTERIOR ARCHITECTURE ELEMENTS AND CASEWORK FINISH INFORMATION AND DETAILS | R10. PROVIDE 9/16" INTERLUDE GRID SYSTEM WITH ACT-1 IN THIS ROOM |

| KEYNOTES - INTERIOR FINISH PLAN | |
|---------------------------------|--|
| ① | INSTALL RS-1 ROLLER SHADES AT ALL EXTERIOR WINDOWS |
| ② | PAINT EXPOSED COLUMN P-2 |
| ③ | ADD ALT: AWT-1 SEE INT. ELEV. |

| GENERAL NOTES | |
|---------------|---|
| 1. | REFER TO SHEET ID020 FOR INTERIOR FINISH LIST FOR FURTHER SPECIFICATION INFORMATION |
| 2. | REFER TO ID300 SERIES INTERIOR ELEVATIONS FOR FURTHER INFORMATION |
| 3. | CONTRACTOR TO PROVIDE BLOCKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT AND ACCESSORIES |
| 4. | REFER TO ID300 FOR TOILET ACCESSORY LOCATIONS AND LEGEND |



g4.
interiors
planning
architecture
DESIGN

1520 Prudential Drive | Jacksonville, FL 32207
904.353.9900 (a) 904.353.9968 (f)
Email info@g4designinc.com | AA26001912

PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

DO NOT SCALE THE DRAWINGS. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. SCALE NOTED IS FOR FULL "ANSI-D" SIZE PRINTS.

CONTRACTOR SHALL CHECK & VERIFY ALL JOB SITE CONDITIONS.

© 2022 Group 4 Design, Inc.

| No. | Date | By | Description |
|-----|----------|-----|-------------|
| 01 | 04.22.22 | JCW | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

VESTCOR

Project Number: 22.0017.00
Drawn By: BR
Checked By:
Project Name:
1649 ATLANTIC
OFFICE RENOVATION
JACKSONVILLE, FL
Drawing Name:
FIRST FLOOR INTERIOR
FINISH PLAN

© 2022 Group 4 Design, Inc. PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

Not Valid for Permitting
Without Color Signature,
Raised Seal, and Date

| No. | Date | By | Description |
|-----|----------|-----|-------------|
| 01 | 04.22.22 | JGW | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

VESTCOR

Project Number: 22.0017.00
Drawn By: BR
Checked By:
Project Name:
1649 ATLANTIC
OFFICE RENOVATION
JACKSONVILLE, FL
Drawing Name:
SECOND FLOOR INTERIOR
FINISH PLAN

SYMBOL LEGEND

| |
|----------|
| ROOM |
| CEILING |
| WALL |
| CASEWORK |
| BASE |
| FLOOR |
| REMARKS |

ROOM FINISH TAG
RE: ID001 & ID002 FOR FURTHER INFORMATION

WALL MOUNTED TELEVISION
(TV BY OWNER; CONTRACTOR TO PROVIDE WIRING/CABLING AND LOW PROFILE MOUNT TO MEET ADA PROJECTION CLEARANCE REQUIREMENTS) CONTRACTOR TO COORDINATE MOUNTING HEIGHT WITH OWNER

INTERIOR ELEVATION TAG

TILE OR CARPET PLANK INSTALLATION DIRECTION

FINISH SCHEDULE & TAG REMARKS

R1. (TYPICAL ALL ROOMS) SHEETS ID201 AND ID202 INTERIOR FINISH PLANS FOR ALL FLOORING FINISH EXTENTS AND CHANGES

R2. (TYPICAL ALL ROOMS) SEE ID300 SERIES INTERIOR ELEVATIONS FOR ALL WALL FINISH EXTENTS AND CHANGES

R3. SEE ID900 SERIES REFLECTED CEILING PLAN FOR ALL DECORATIVE CEILING INFORMATION

R4. MULTIPLE WALL FINISHES PER WALL / VARYING WALL FINISHES WITHIN ROOM - SEE ID201, ID202 AND ID300 SERIES INTERIOR ELEVATIONS FOR WALL FINISH EXTENTS

R5. SEE ID300 SERIES INTERIOR ELEVATIONS FOR DECORATIVE INTERIOR ARCHITECTURE ELEMENTS AND CASEWORK FINISH INFORMATION AND DETAILS

R6. NOT USED.

R7. SPECIFIED WALL BASE SHALL BE INSTALLED ONLY ON WALLS WITHOUT TILE.

R8. PROVIDE TR-2 STAIR NOSING TRIM AT EACH STEP AND LANDING; CODE-COMPLIANT HANDRAIL SHALL BE INSTALLED, PAINT P-2

R9. REFER TO ID100 SERIES INTERIOR REFERENCE PLANS FOR FURTHER INFORMATION

R10. PROVIDE 9/16" INTERLUDE GRID SYSTEM WITH ACT-1 IN THIS ROOM

KEYNOTES - INTERIOR FINISH PLAN

① INSTALL RS-1 ROLLER SHADES AT ALL EXTERIOR WINDOWS

② PAINT EXPOSED COLUMN P-2

③ ADD ALT: AWT-1 SEE INT. ELEV.

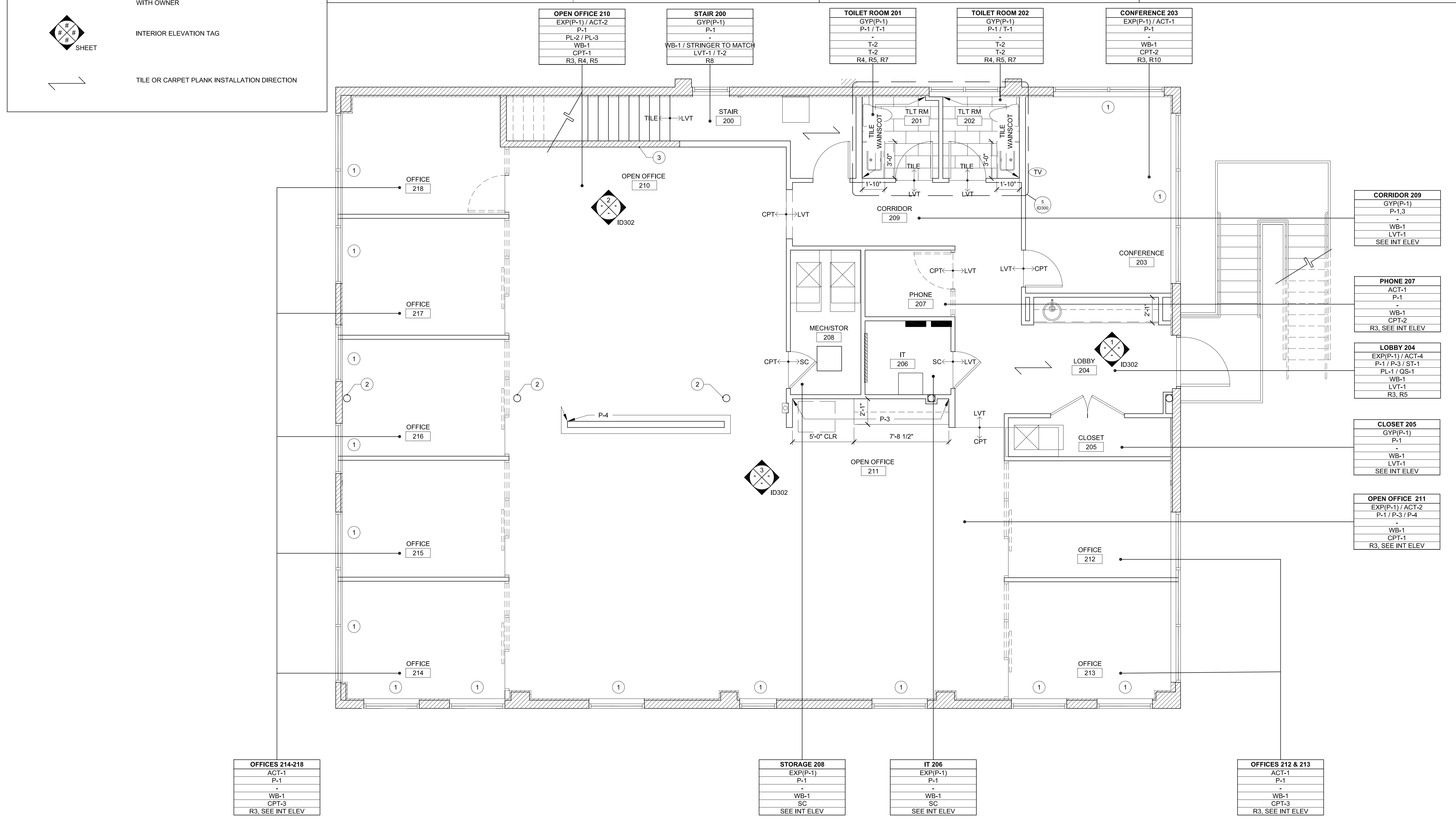
GENERAL NOTES

1. REFER TO SHEET ID020 FOR INTERIOR FINISH LIST FOR FURTHER SPECIFICATION INFORMATION

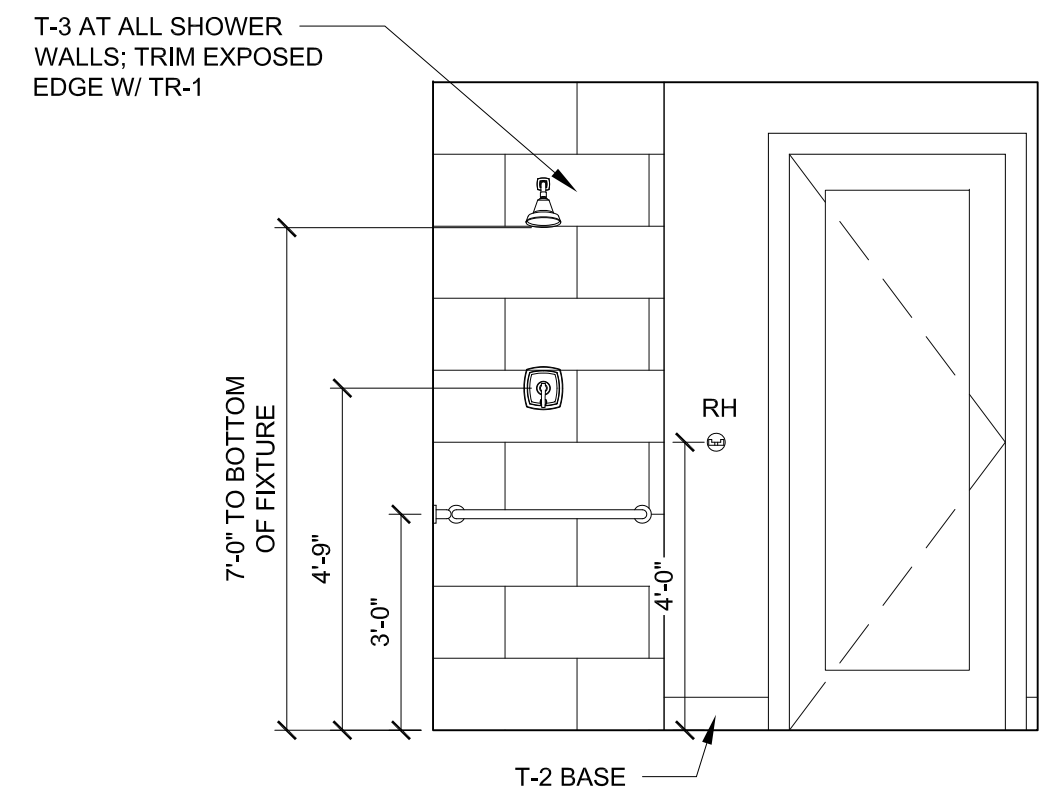
2. REFER TO ID300 SERIES INTERIOR ELEVATIONS FOR FURTHER INFORMATION

3. CONTRACTOR TO PROVIDE BLOCKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT AND ACCESSORIES

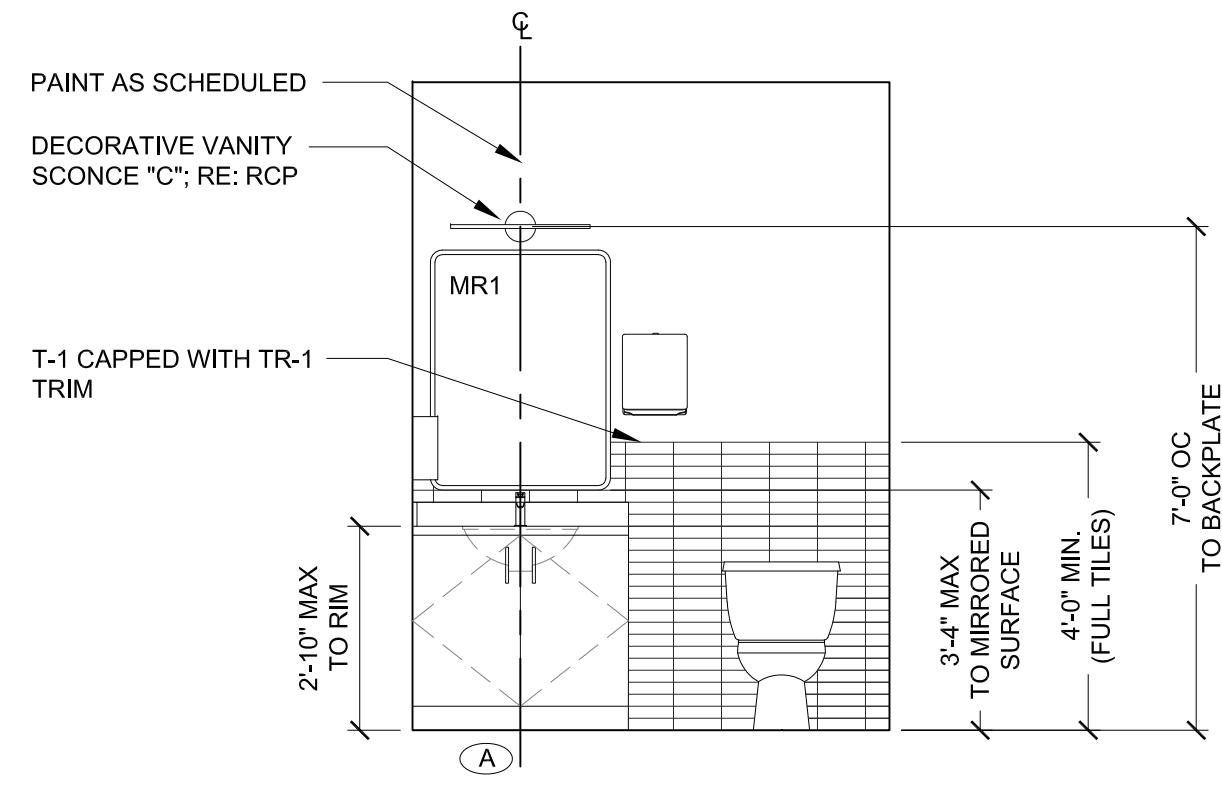
4. REFER TO ID300 FOR TOILET ACCESSORY LOCATIONS AND LEGEND



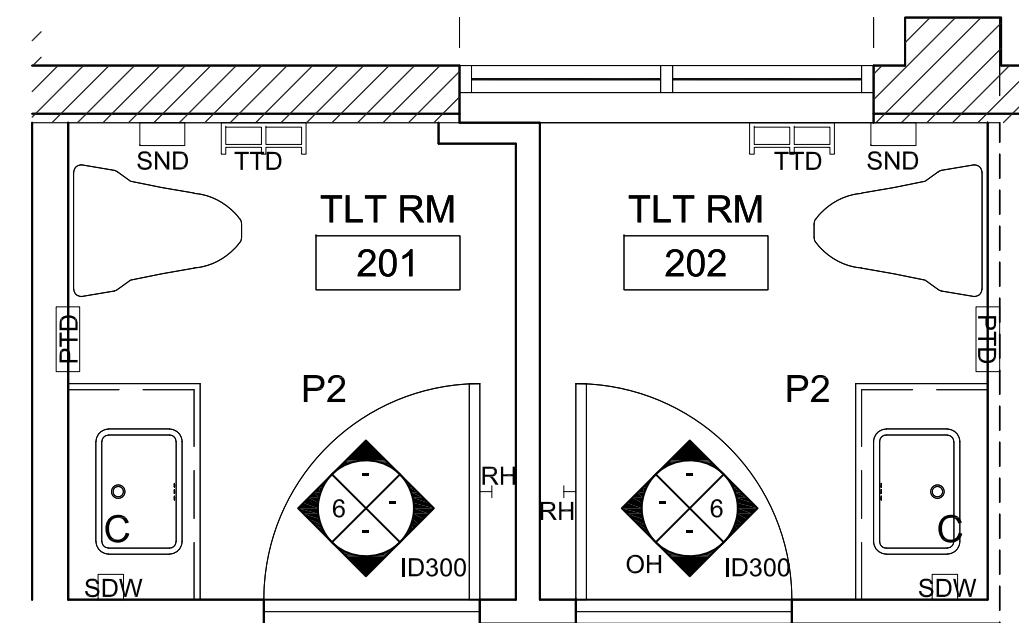
① SECOND FLOOR INTERIOR FINISH PLAN 1/4" = 1'-0"



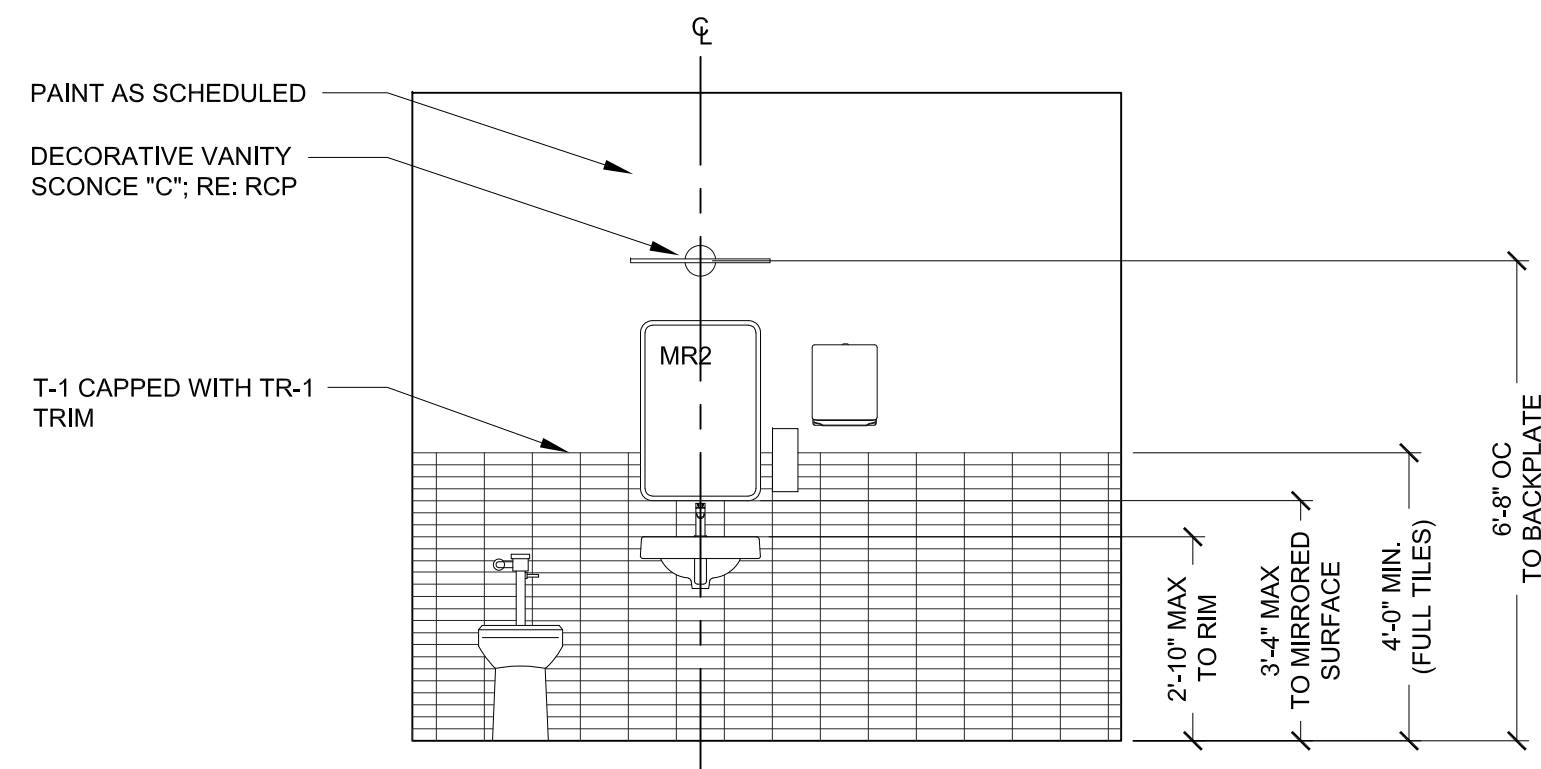
7 INT ELEV - TOILET ROOM 113 3/8" = 1'-0"



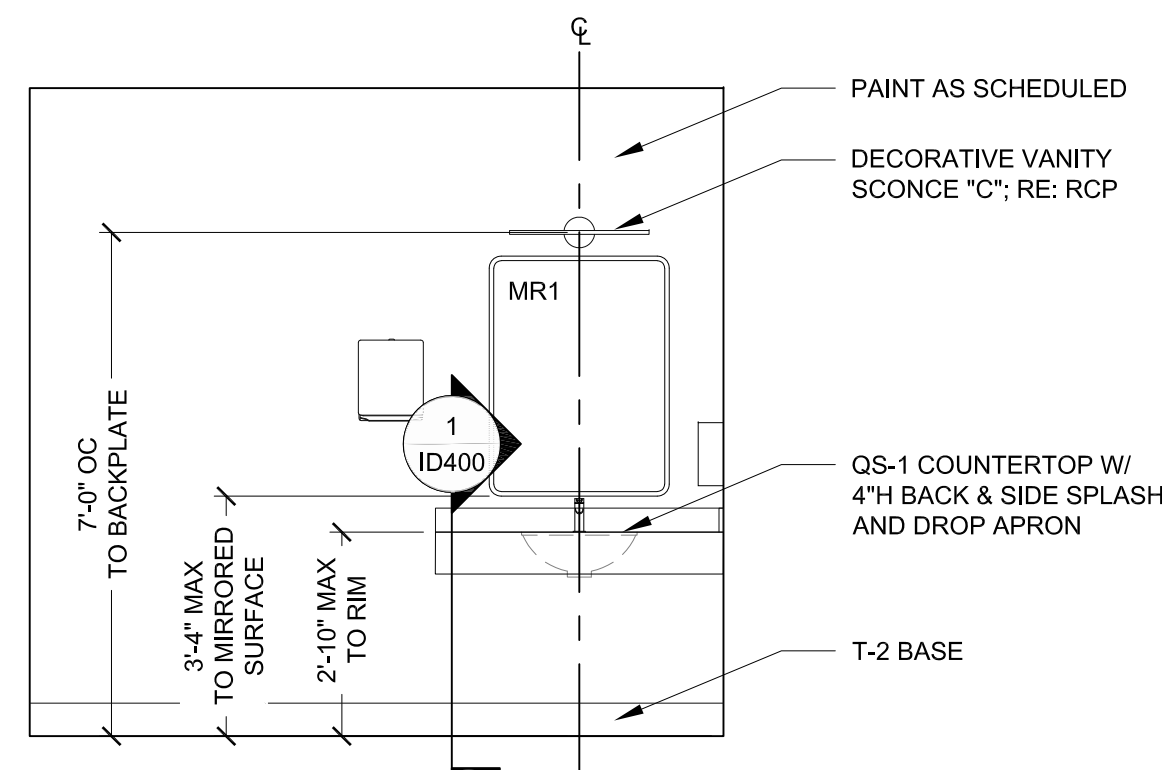
6 INT ELEV - TOILET ROOMS 201 & 202 3/8" = 1'-0"



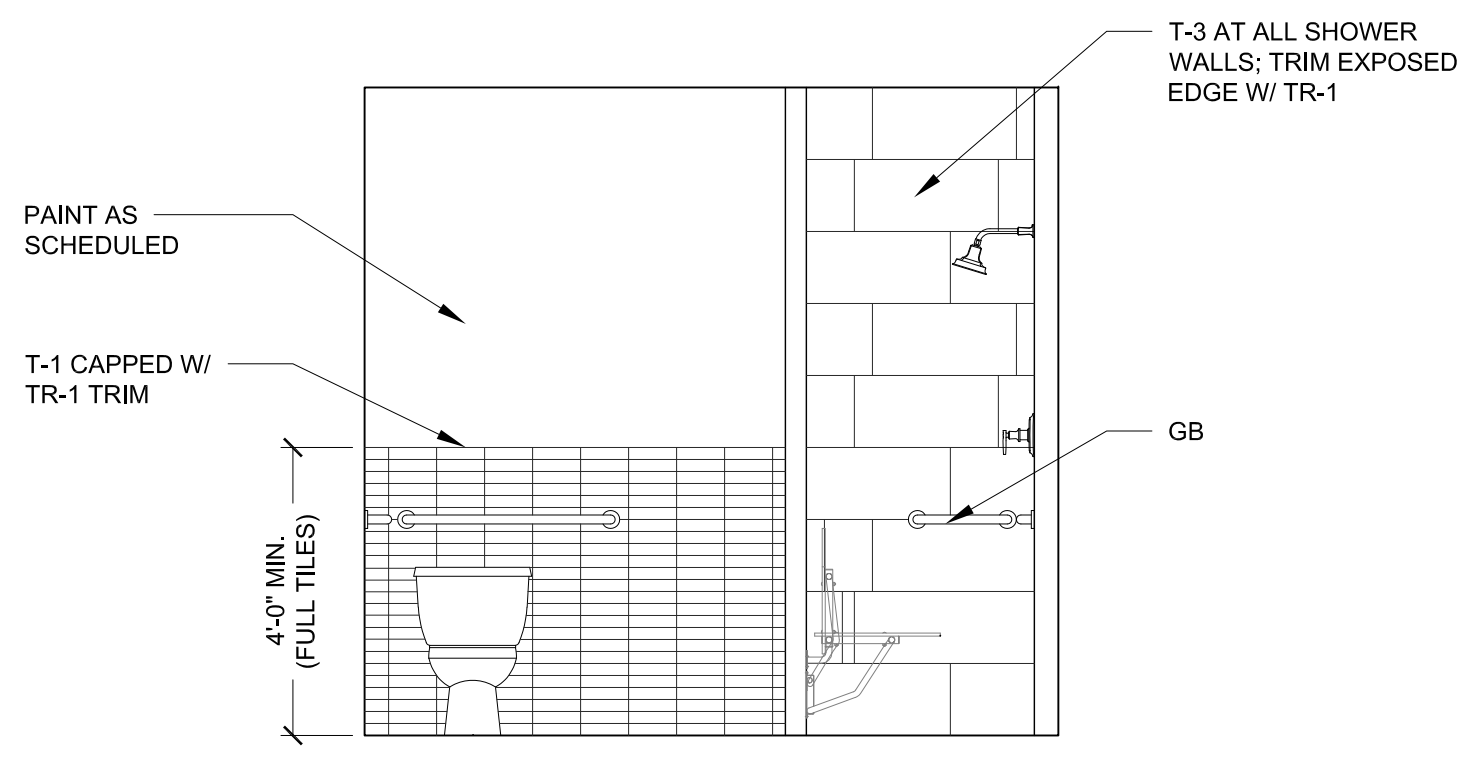
5 ENLG PLAN 3/8" = 1'-0"



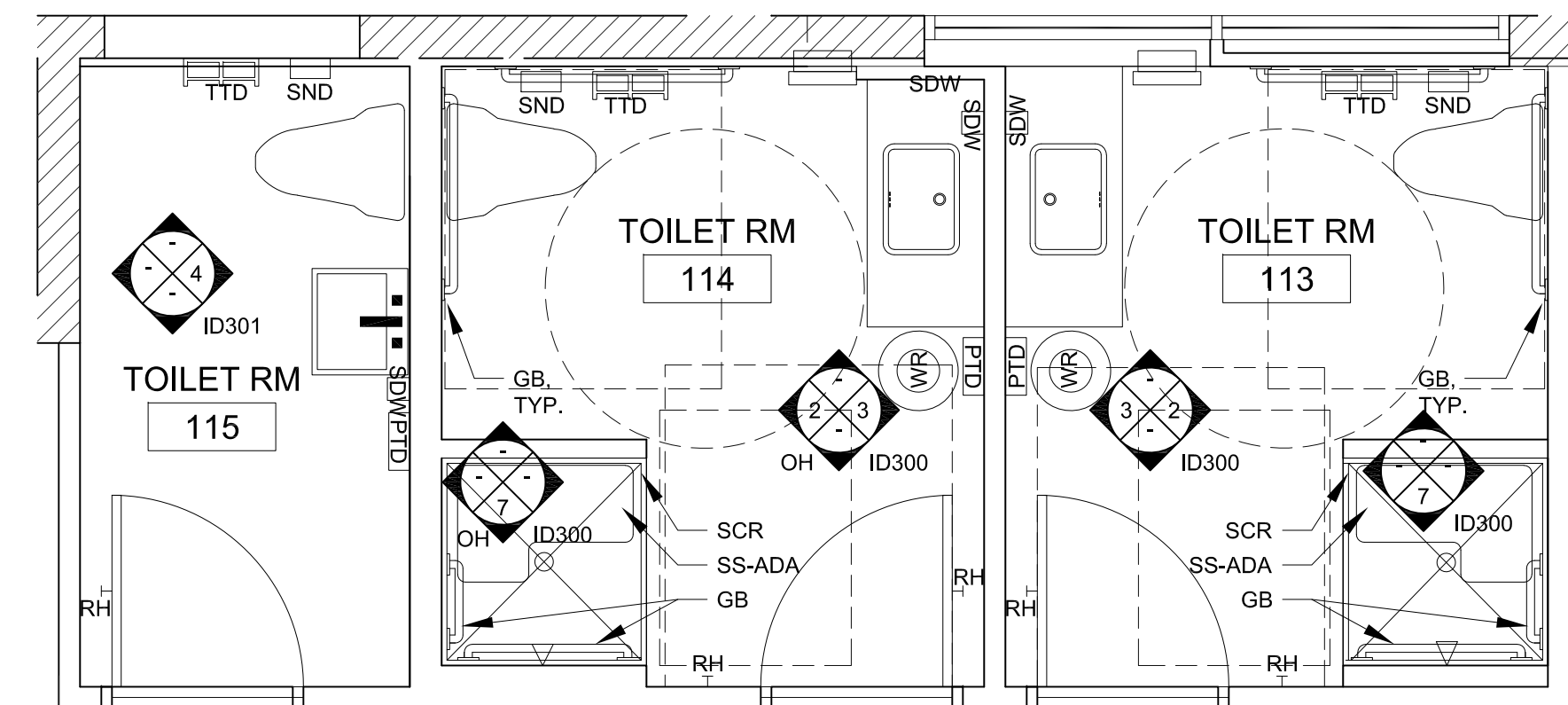
4 INT ELEV - TOILET ROOM 115 3/8" = 1'-0"



3 INT ELEV - TOILET ROOMS 113 & 114 3/8" = 1'-0"



2 INT ELEV - TOILET ROOM 113 3/8" = 1'-0"



1 ENLG PLAN 3/8" = 1'-0"

TOILET ACCESSORY LEGEND

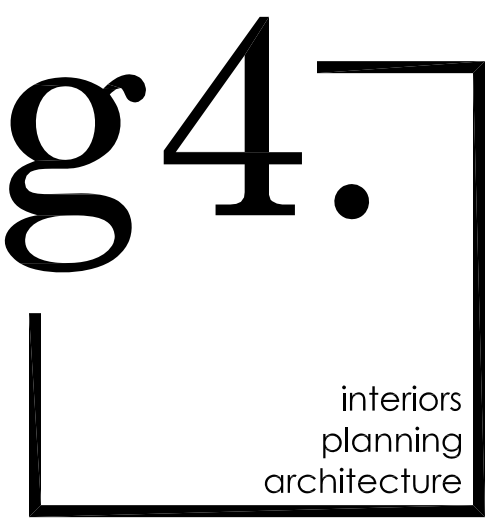
| | | | | | | | | | | | | | |
|--------|----------------------------------|-----|----------------|---------|---|----------|------------|--------|---------------------------------|------|--------------------------------------|---------|---|
| SS-ADA | ACCESSIBLE SHOWER SEAT | MFR | - BOBRICK | PRODUCT | - REVERSIBLE SOLID PHENOLIC FOLDING SHOWER SEAT | ITEM NO. | - B-5181 | FINISH | - STANDARD | SIZE | - 33"W | INSTALL | - MOUNT IN COMPLIANCE WITH ACCESSIBILITY REQUIREMENTS PER MFR INSTALL RECOMMENDATIONS; ONE AT EACH SHOWER |
| SCR | SHOWER CURTAIN ROD | MFR | - TBD | PRODUCT | - | ITEM NO. | - | FINISH | - | SIZE | - | INSTALL | - TBD; ONE LOCATED AT EACH SHOWER |
| GB | GRAB BAR | MFR | - BOBRICK | PRODUCT | - FINO COLLECTION; STRAIGHT GRAB BAR | ITEM NO. | - B-9806 | FINISH | - SATIN STAINLESS | SIZE | - VARIES - SEE 11/ID040 FOR REQ | INSTALL | - REF. SHEET ID041 |
| TTD | TOILET TISSUE DISPENSER (SINGLE) | MFR | - BOBRICK | PRODUCT | - FINO SURFACE-MOUNTED TOILET TISSUE DISPENSER | ITEM NO. | - B-9543 | FINISH | - SATIN STAINLESS | SIZE | - 5-1/5"L X 1" H X 2-15/16"D | INSTALL | - MOUNT IN COMPLIANCE WITH ACCESSIBILITY REQUIREMENTS PER MFR INSTALL RECOMMENDATIONS; ONE PER RESTROOM |
| SND | SANITARY NAPKIN DISPOSAL | MFR | - BOBRICK | PRODUCT | - TRIMLINE SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL | ITEM NO. | - B-35139 | FINISH | - SATIN STAINLESS | SIZE | - 8-1/16"W X 14-1/8"H X 4-1/2"D | INSTALL | - MOUNT IN COMPLIANCE WITH ACCESSIBILITY REQUIREMENTS PER MFR INSTALL RECOMMENDATIONS; ONE PER RESTROOM |
| SDW | SOAP DISPENSER - WALL-MOUNTED | MFR | - BOBRICK | PRODUCT | - AUTOMATIC WALL-MOUNTED FOAM SOAP DISPENSER | ITEM NO. | - B-2013 | FINISH | - SATIN FINISH, STAINLESS STEEL | SIZE | - 4-1/4" X 9-9/16" H X 4-7/32" D | INSTALL | - 4'-0" AFF TO BOTTOM OF SOAP DISPENSER |
| PTD | PAPER TOWEL DISPENSER | MFR | - BOBRICK | PRODUCT | - FINO SURFACE MOUNTED PAPER TOWEL DISPENSER | ITEM NO. | - B-9262 | FINISH | - SATIN FINISH, STAINLESS STEEL | SIZE | - 11-11/16"W X 13-7/16"H X 3-15/16"D | REMARKS | - PROVIDE TOWELMATE ACCESSORIES; CONTRACTOR TO MOUNT IN COMPLIANCE WITH ACCESSIBILITY REQUIREMENTS |
| WR | WASTE RECEPTACLE | MFR | - SIMPLE HUMAN | PRODUCT | - SEMI-ROUND OPEN CAN, 60L | ITEM NO. | - CW1468 | FINISH | - BRUSHED STAINLESS STEEL | SIZE | - 29.0"H X 13.1"D X 18.5"W | REMARKS | - LOCATE 1 AT EACH TOILET ROOM |
| RH | ROBE HOOK | MFR | - DELTA | PRODUCT | - GALEON ROBE HOOK | ITEM NO. | - #7235-SS | FINISH | - STAINLESS | SIZE | - 1-13/16"W X 2-13/16"D | INSTALL | - CENTER OF DOOR AS INDICATED ON ENLARGED PLAN ADA TOILET ROOMS - 4'-0" AFF TO CL OF HOOK UNO NON-ACCESSIBLE TOILET RMS - 66" AFF TO CL OF HOOK |
| MR1 | VANITY MIRROR - LARGE | MFR | - UTMOST | PRODUCT | - CROFTON LARGE VANITY MIRROR | ITEM NO. | - 09738 | FINISH | - MATTE BLACK | SIZE | - 30"W X 40"H X 3"D (RECTANGLE) | REMARKS | - VERTICAL ORIENTATION; CONTRACTOR TO INSTALL WITH SECURITY HARDWARE |
| MR2 | VANITY MIRROR - SMALL | MFR | - UTMOST | PRODUCT | - CROFTON VANITY MIRROR | ITEM NO. | - 09573 | FINISH | - MATTE BLACK | SIZE | - 20"W X 30"H X 2"D | REMARKS | - VERTICAL ORIENTATION; CONTRACTOR TO INSTALL WITH SECURITY HARDWARE |

GENERAL NOTES

- REFER TO SHEETS ID020 & ID021 FOR FURTHER SPECIFICATION INFORMATION.
- REFER TO SHEET ID020 FOR CASEWORK GENERAL NOTES
- CONTRACTOR TO PROVIDE BLOCKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT AND ACCESSORIES.

CASEWORK KEYNOTES

- (A) BASE CABINET - FULL-HEIGHT DOOR
- (B) BASE CABINET - FULL-HEIGHT DOOR W/ ADJUSTABLE SHELVES
- (C) BASE CABINET - DRAWER BANK (DRAWER QTY PER ELEV)
- (D) BASE CABINET - PULL-OUT TRASH CABINET, NO GROMMET
- (E) BASE CABINET - D/W SHELF W/ DRAWER BELOW (COORDINATE W/ APPLIANCE REQUIREMENTS)
- (F) UPPER CABINET - W/ ADJUSTABLE SHELVES
- (G) BASE CABINET - W/ ROLL-OUT SHELVES



DESIGN

1520 Prudential Drive | Jacksonville, FL 32207
904.353.5900 [a] 904.353.5968 [f]
Email: info@g4designinc.com | AA26001912

PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

DO NOT SCALE THE DRAWINGS. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. SCALE NOTED IS FOR FULL "ANSI" SIZE PRINTS.

CONTRACTOR SHALL CHECK & VERIFY ALL JOB SITE CONDITIONS.

© 2022 Group 4 Design, Inc.

No Void for Permitting Without Color Signature, Raised Seal, and Date

| No. | Date | By | Description |
|-----|----------|-----|-------------|
| 01 | 04.22.22 | JCW | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

VESTCOR

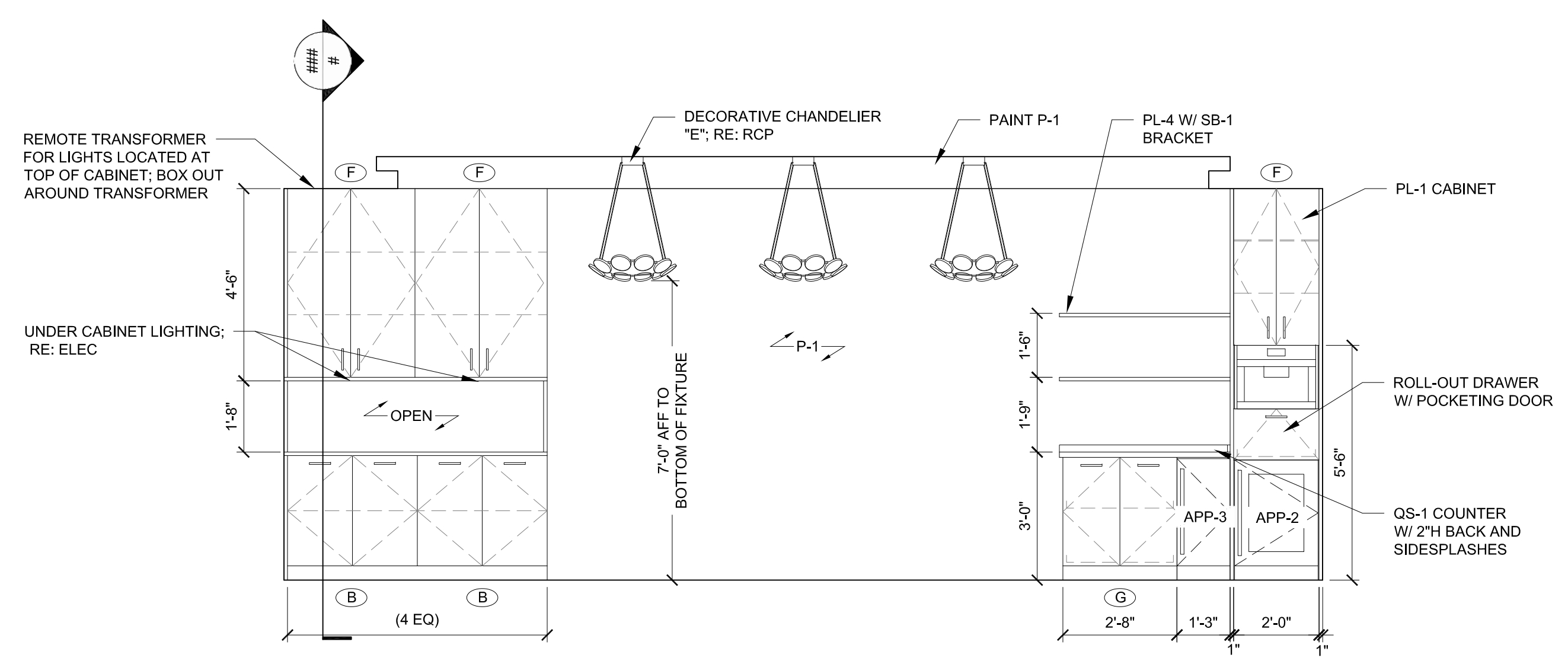
| | |
|-----------------|---------------------|
| Project Number: | 22.0017.00 |
| Drawn By: | BR |
| Checked By: | |
| Project Name: | 1649 ATLANTIC |
| | OFFICE RENOVATION |
| | JACKSONVILLE, FL |
| Drawing Name: | INTERIOR ELEVATIONS |

ID300

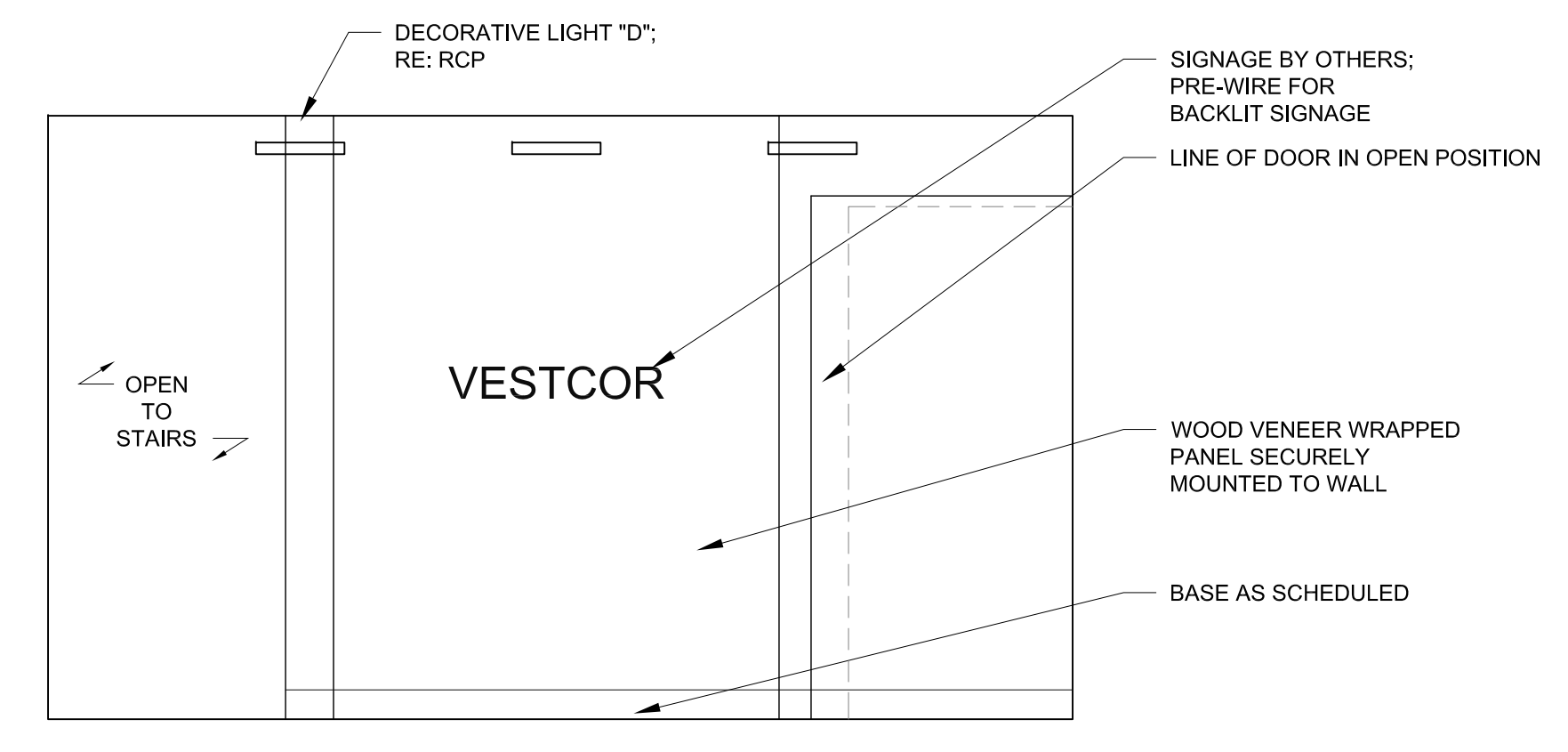
© 2022 Group 4 Design, Inc. PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

| GENERAL NOTES | |
|---------------|--|
| 1. | REFER TO SHEETS ID020 & ID021 FOR FURTHER SPECIFICATION INFORMATION. |
| 2. | REFER TO SHEET ID020 FOR CASEWORK GENERAL NOTES |
| 3. | CONTRACTOR TO PROVIDE BLOCKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT AND ACCESSORIES. |

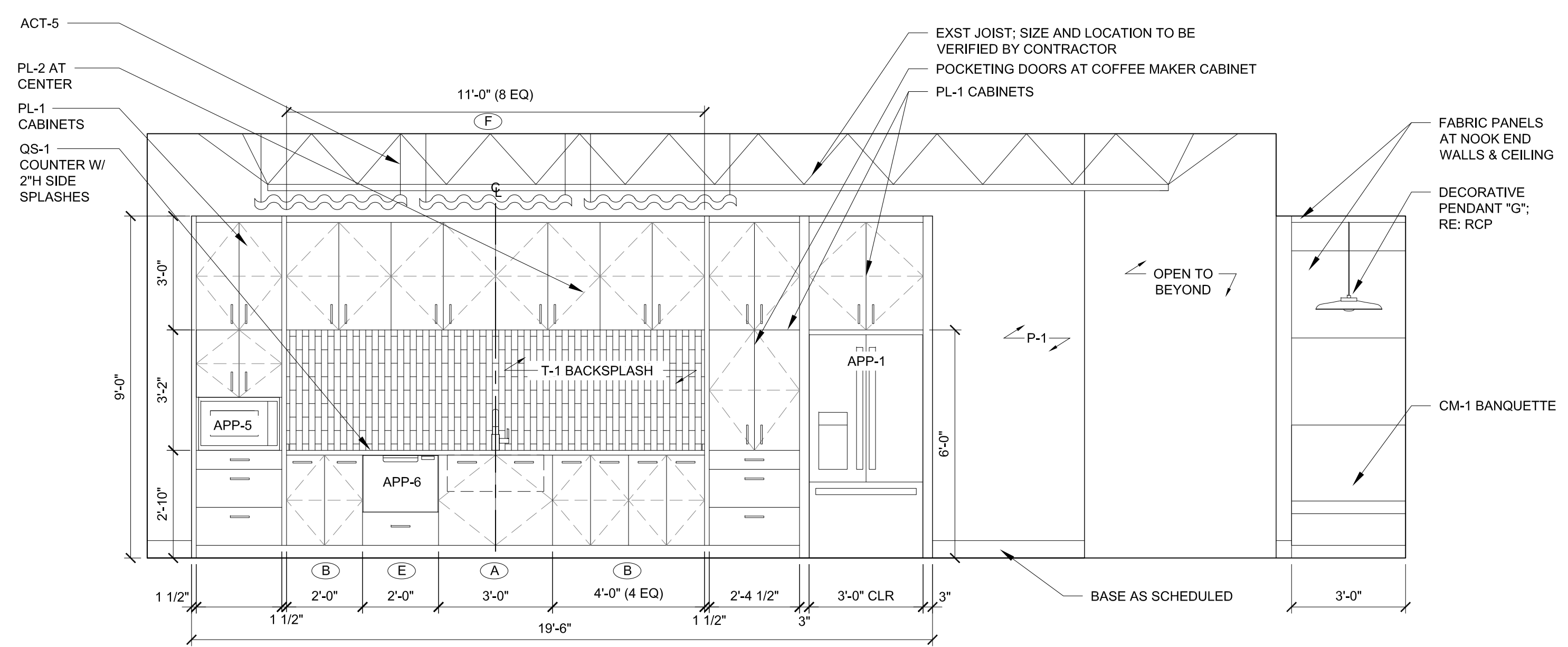
| CASEWORK KEYNOTES | |
|-------------------|---|
| (A) | BASE CABINET - FULL-HEIGHT DOOR |
| (B) | BASE CABINET - FULL-HEIGHT DOOR W/ ADJUSTABLE SHELVES |
| (C) | BASE CABINET - DRAWER BANK (DRAWER QTY PER ELEV) |
| (D) | BASE CABINET - PULL-OUT TRASH CABINET, NO GROMMET |
| (E) | BASE CABINET - D/W SHELF W/ DRAWER BELOW (COORDINATE W/ APPLIANCE REQUIREMENTS) |
| (F) | UPPER CABINET - W/ ADJUSTABLE SHELVES |
| (G) | BASE CABINET - W/ ROLL-OUT SHELVES |



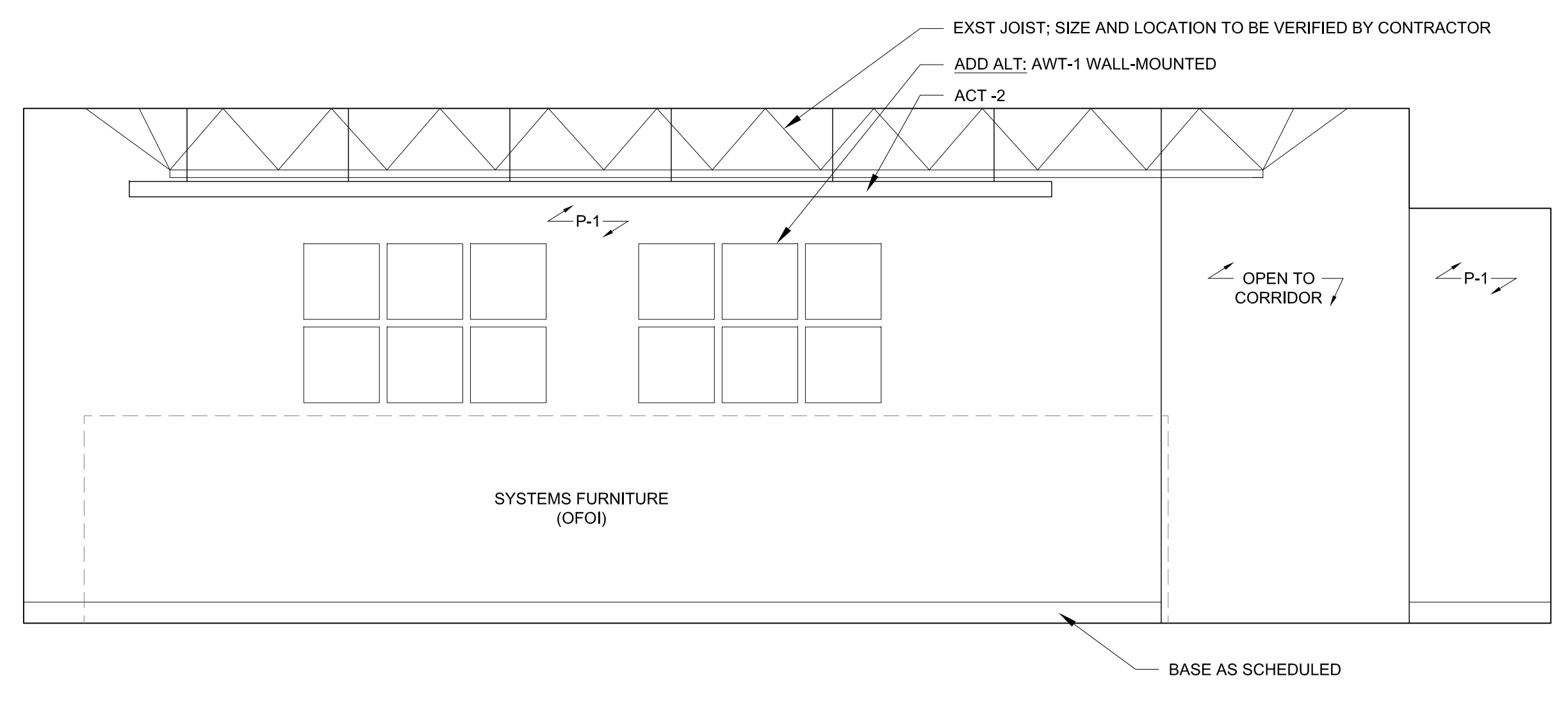
5 INT ELEV - MAIN CONFERENCE 103 3/8" = 1'-0"



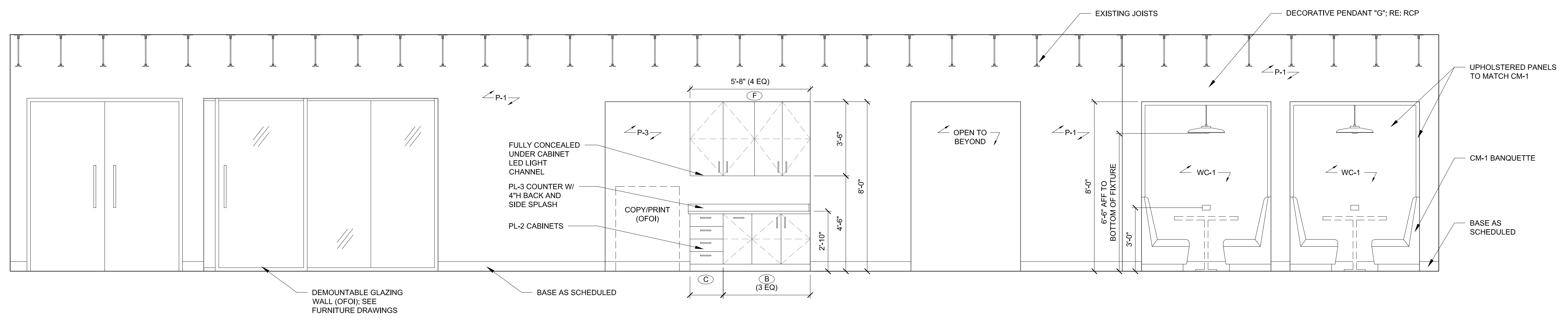
4 INT ELEV - MAIN ENTRY 101 3/8" = 1'-0"



3 INT ELEV - BREAK 106 3/8" = 1'-0"



2 INT ELEV - OPEN OFFICE 104 3/8" = 1'-0"



1 INT ELEV - CORRIDOR 108 3/8" = 1'-0"

| Issues and Revisions | | |
|----------------------|----------|----------------|
| No. | Date | Description |
| 01 | 04.22.22 | JCW PERMIT SET |
| 02 | | |
| 03 | | |
| 04 | | |
| 05 | | |
| 06 | | |
| 07 | | |
| 08 | | |
| 09 | | |

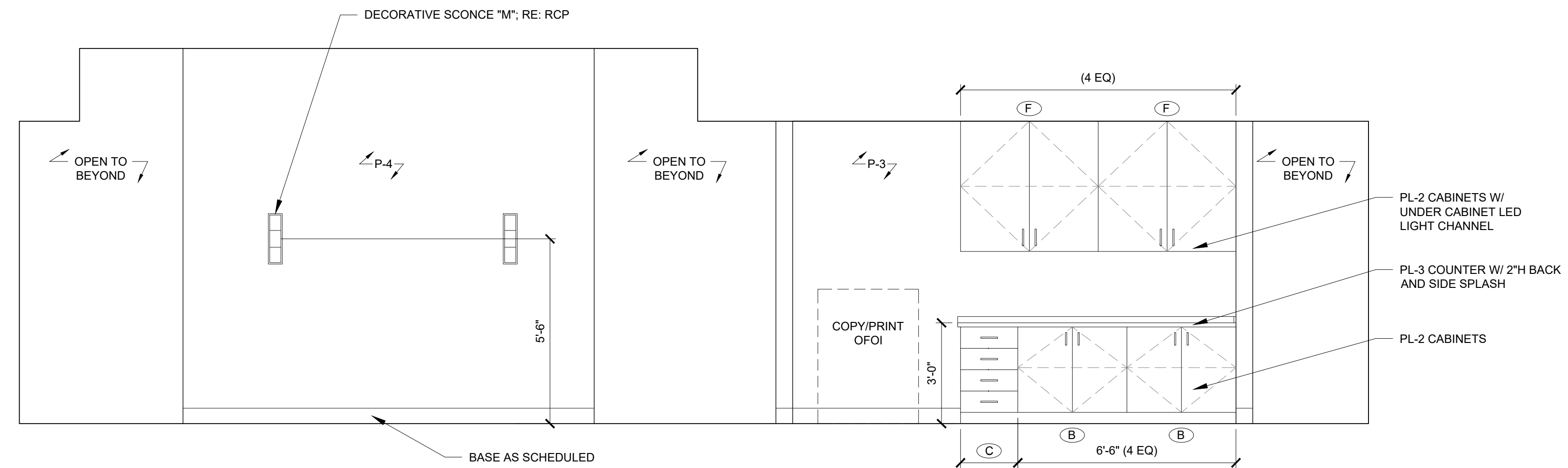
VESTCOR

| | |
|-----------------|---------------------|
| Project Number: | 22.0017.00 |
| Drawn By: | BR |
| Checked By: | |
| Project Name: | 1449 ATLANTIC |
| | OFFICE RENOVATION |
| | JACKSONVILLE, FL |
| Drawing Name: | INTERIOR ELEVATIONS |

ID301

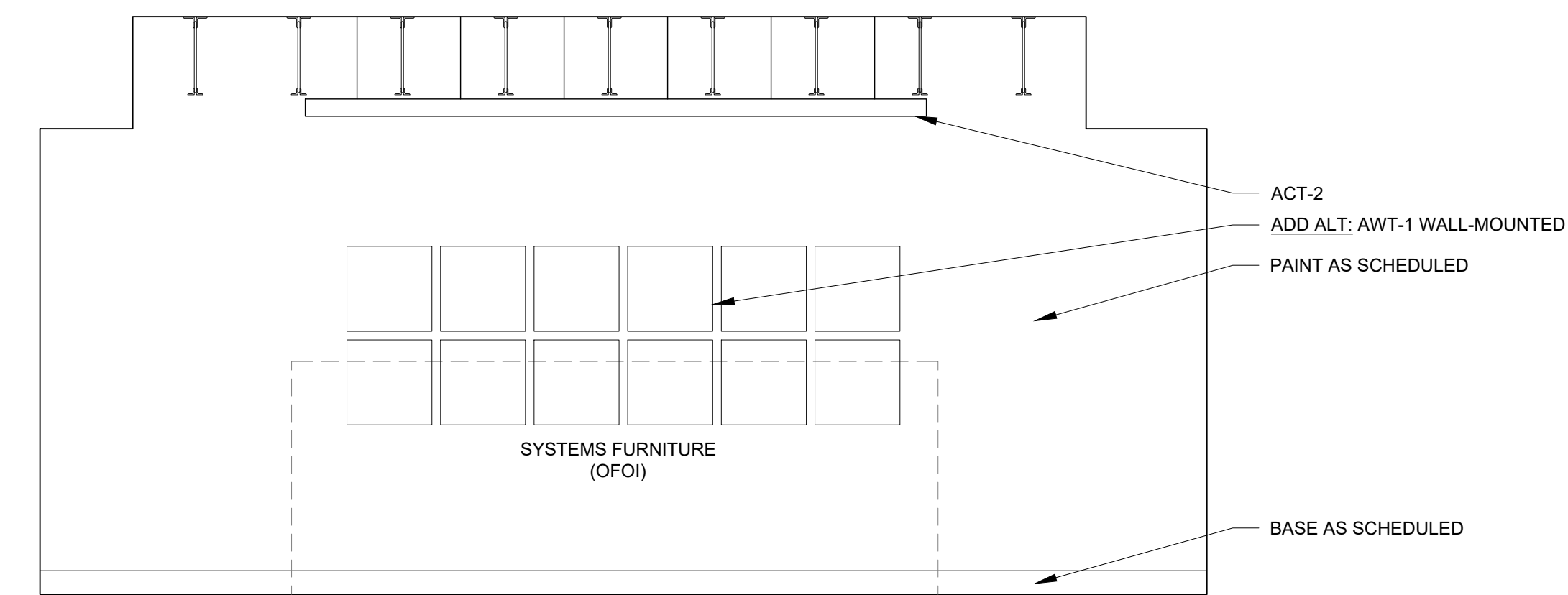
| GENERAL NOTES | |
|---------------|--|
| 1. | REFER TO SHEETS ID020 & ID021 FOR FURTHER SPECIFICATION INFORMATION. |
| 2. | REFER TO SHEET ID020 FOR CASEWORK GENERAL NOTES |
| 3. | CONTRACTOR TO PROVIDE BLOCKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT AND ACCESSORIES. |

| CASEWORK KEYNOTES | |
|-------------------|---|
| (A) | BASE CABINET - FULL-HEIGHT DOOR |
| (B) | BASE CABINET - FULL-HEIGHT DOOR W/ ADJUSTABLE SHELVES |
| (C) | BASE CABINET - DRAWER BANK (DRAWER QTY PER ELEV) |
| (D) | BASE CABINET - PULL-OUT TRASH CABINET, NO GROMMET |
| (E) | BASE CABINET - D/W SHELF W/ DRAWER BELOW (COORDINATE W/ APPLIANCE REQUIREMENTS) |
| (F) | UPPER CABINET - W/ ADJUSTABLE SHELVES |
| (G) | BASE CABINET - W/ ROLL-OUT SHELVES |



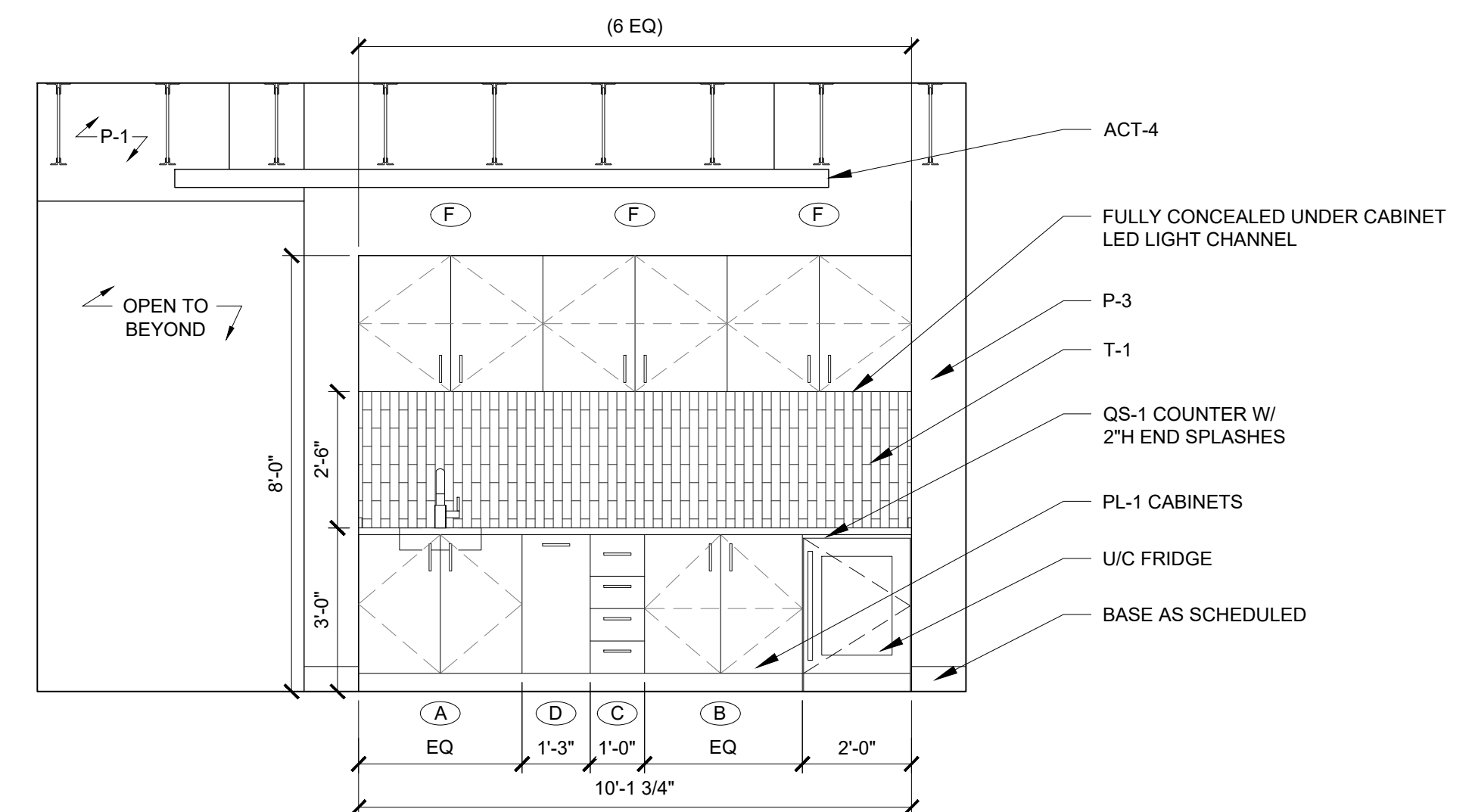
3 INT ELEV - OPEN OFFICE 211

3/8" = 1'-0"



2 INT ELEV - OPEN OFFICE 210

3/8" = 1'-0"



1 INT ELEV - LOBBY 204

3/8" = 1'-0"

| No. | Date | By | Description |
|-----|----------|-----|-------------|
| 01 | 04.22.22 | JCW | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

VESTCOR

Project Number: 22.0017.00

Drawn By: BR

Checked By:

Project Name:

1649 ATLANTIC

OFFICE RENOVATION

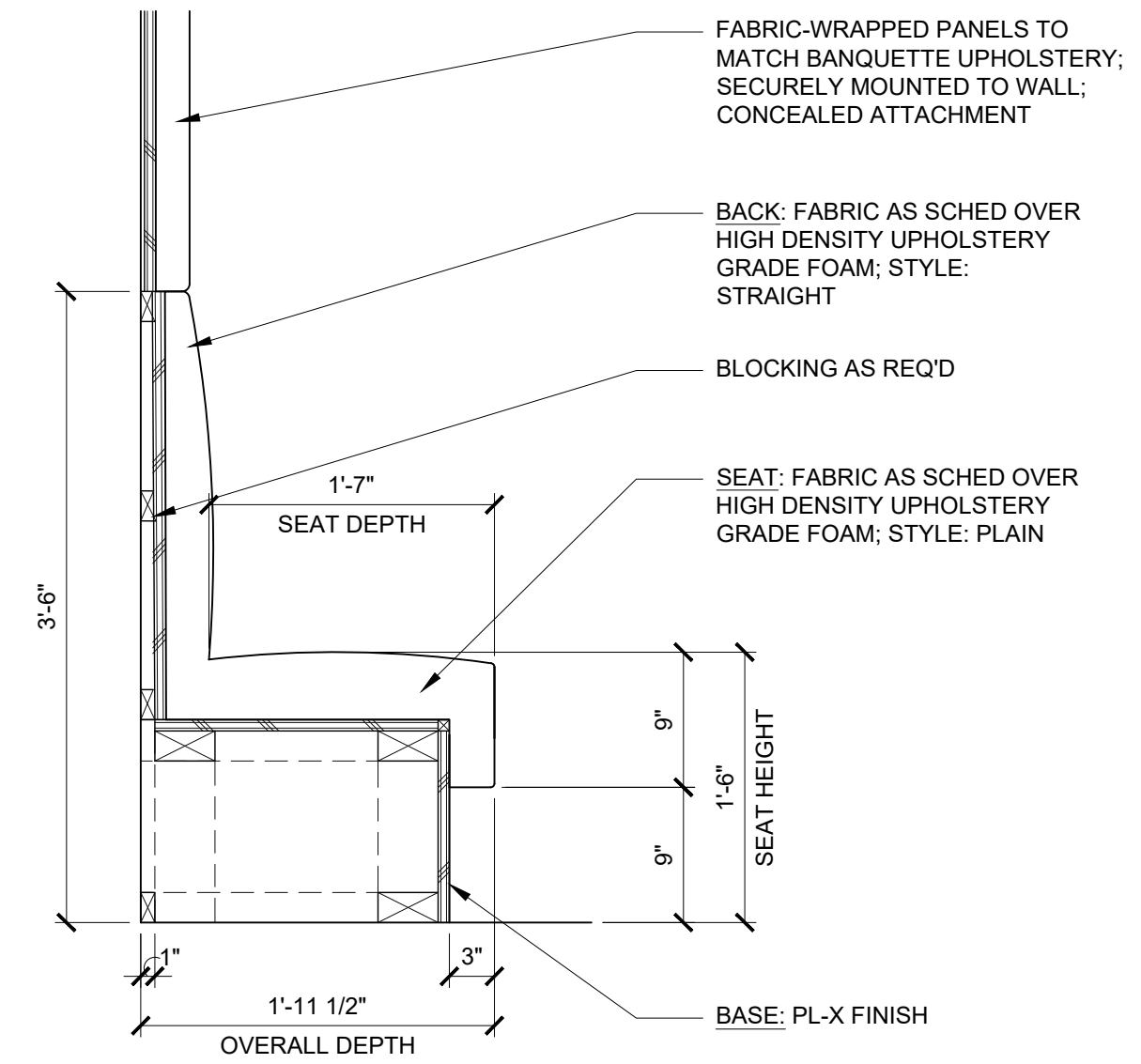
JACKSONVILLE, FL

Drawing Name:

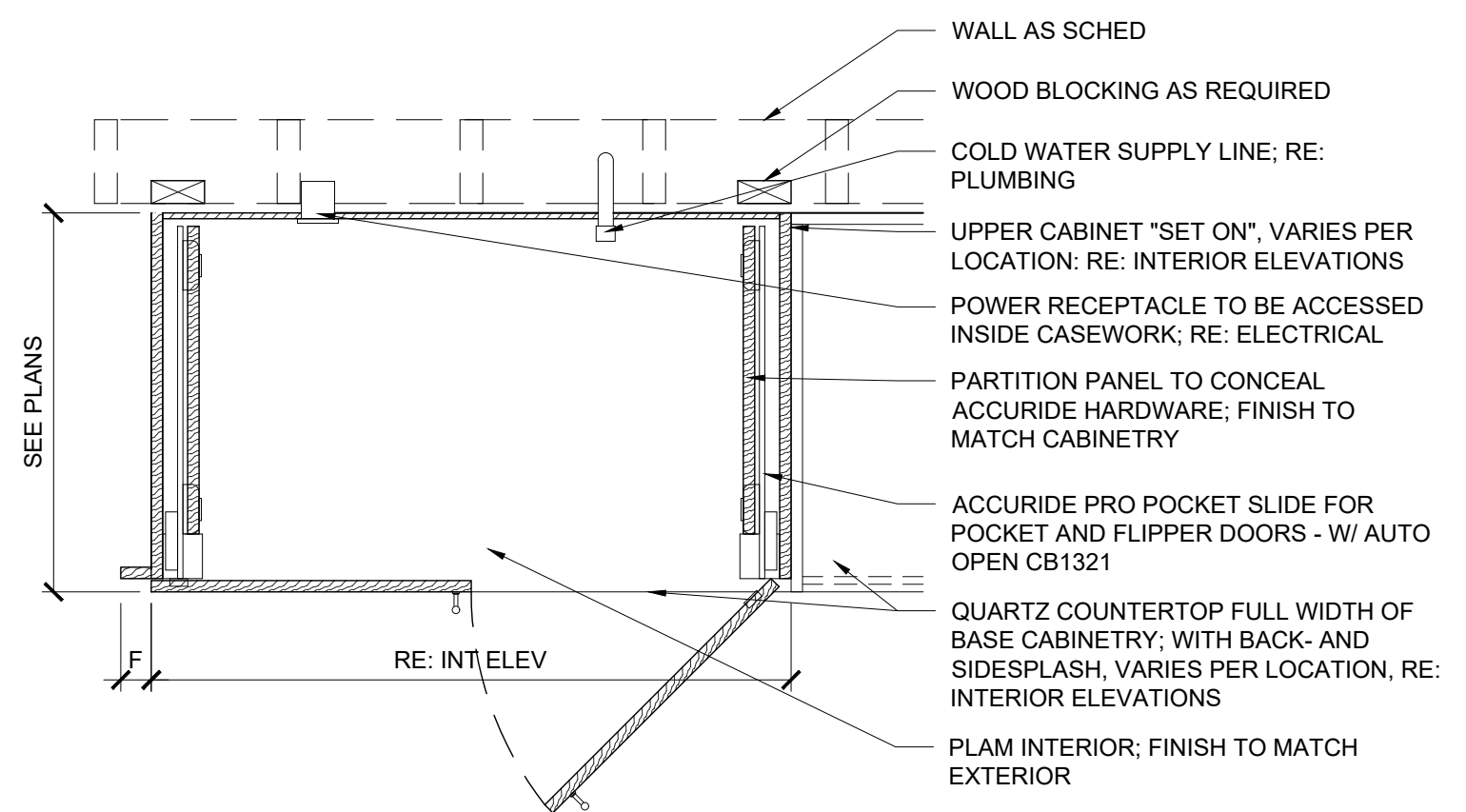
INTERIOR ELEVATIONS

Not Valid for Permitting
Without Color Signature,
Raised Seal, and Date

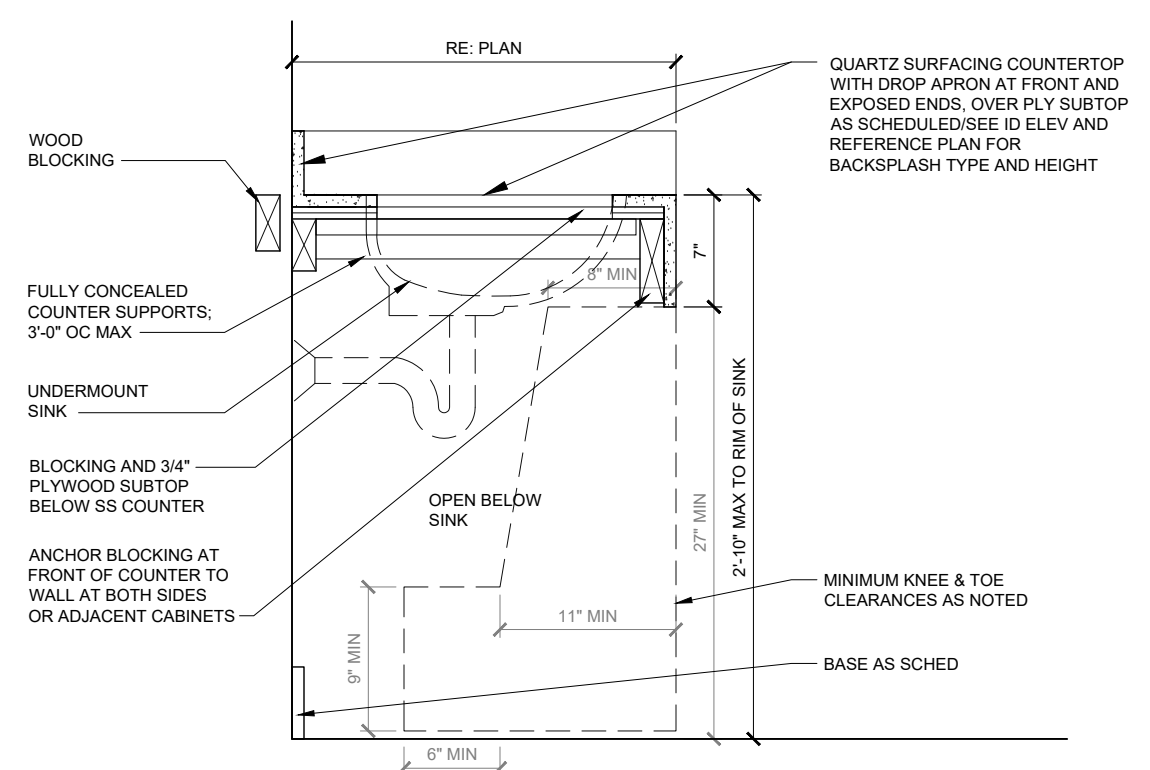
Not Valid for Permitting
Without Co-signature
Raised Seal, and Date



3 SECTION DETAIL BANQUETTE 1" = 1'-0"



2 SECTION DETAIL POCKET DOOR - CABINET 1" = 1'-0"



1 SECTION DETAIL VANITY COUNTER 1" = 1'-0"

| Issues and Revisions | | |
|----------------------|--------------|-------------|
| No. | Date | Description |
| 01 | 04.22.22 JGW | PERMIT SET |
| 02 | | |
| 03 | | |
| 04 | | |
| 05 | | |
| 06 | | |
| 07 | | |
| 08 | | |
| 09 | | |

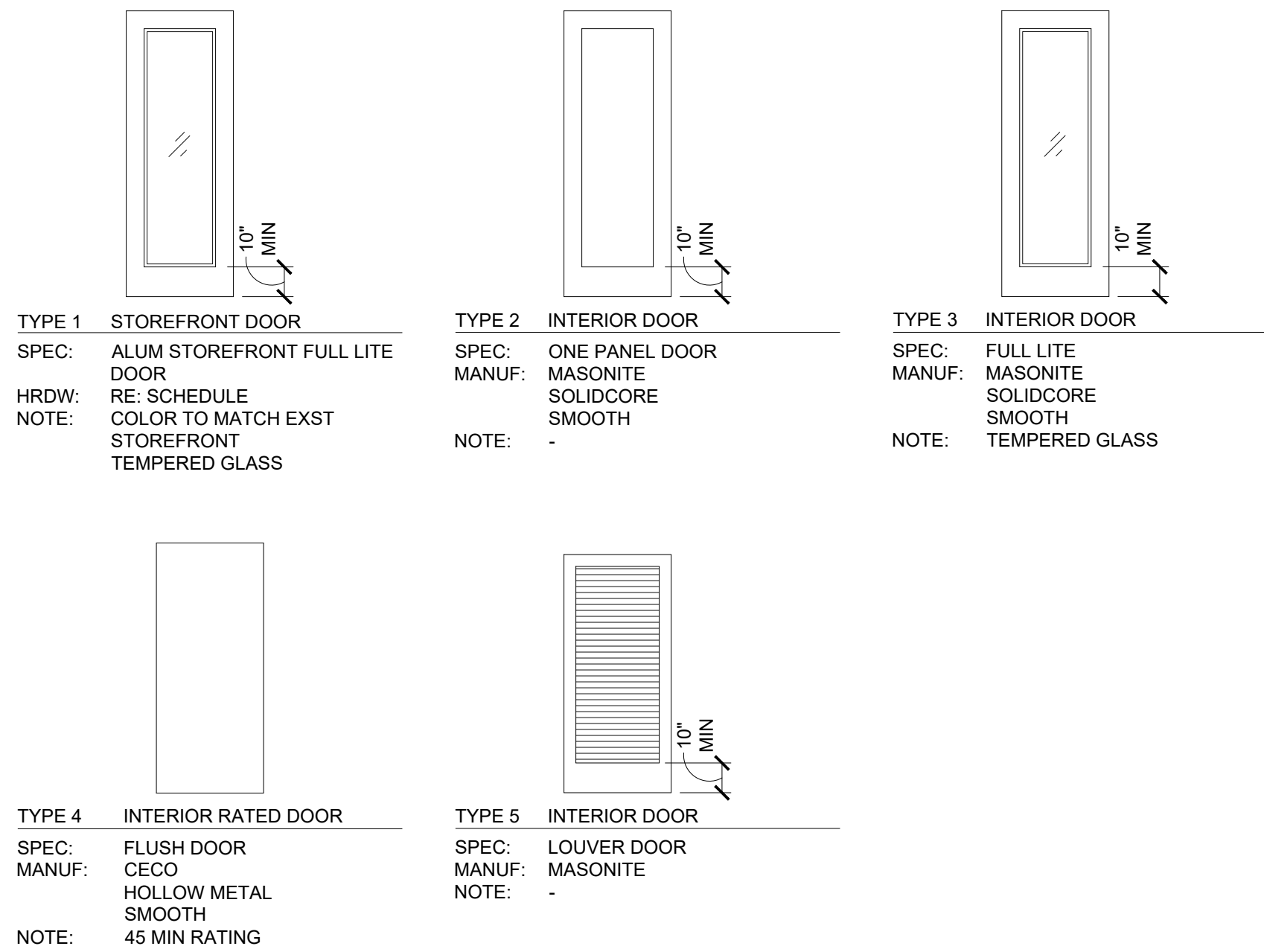
VESTCOR

| |
|----------------------------|
| Project Number: 22.0017.00 |
| Drawn By: BR / JGW |
| Checked By: |
| Project Name: |
| 1649 ATLANTIC |
| OFFICE RENOVATION |
| JACKSONVILLE, FL |
| Drawing Name: |
| INTERIOR DETAILS |

ID400

| No. | Date | By | Description |
|-----|----------|-----|-------------|
| 01 | 04.22.22 | JCW | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

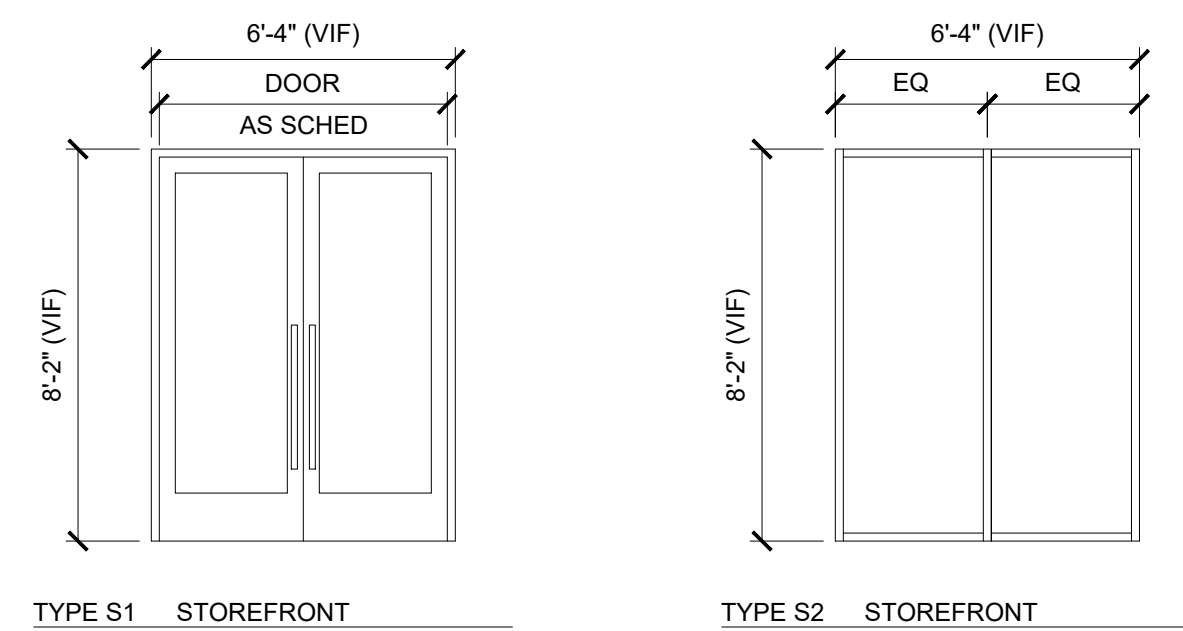
DOOR TYPES



DOOR NOTES

- D1. REFER TO DOOR SCHED FOR OVERALL WIDTH AND HEIGHT, UNO
D2. ALL INTERIOR PANEL DOORS SHALL BE SOLIDCORE
D3. ALL EXTERIOR DOORS AT CONDITIONED SPACES SHALL BE MTL. INSULATED (FACTORY PRIMED)
D4. ALL EXTERIOR DOOR JAMBS SHALL BE HM, OR COMP

EXTERIOR STOREFRONT SCHEDULE



EXTERIOR STOREFRONT NOTES

- S1. BASIS OF DESIGN: KAWNEER TRIFAB VG 451T 2" X 4 1/2" MULLIONS
COLOR: CLEAR ANODIZED TO MATCH EXST
- S2. SUBMIT WINDOW FOR APPROVAL. VINYL, DBL INSULATED LOW-E WITH A U VALUE = .30 AND SHGC = .22 OR BETTER
- S3. CONTRACTOR/INSTALLER SHALL VERIFY ACTUAL WINDOW SIZE WITH MANUFACTURER'S REQUIREMENTS
- S4. PROVIDE TEMPERED SAFETY GLAZING AS REQUIRED
- S5. PROVIDE MOCK-UP ASSEMBLY ON SITE FOR APPROVAL OF INSTALLATION, INCLUDING ALL MATERIAL AND WEATHERPROOFING DETAILS

DOOR & FRAME SCHEDULE

| MARK | ROOM NAME | OPENING | | DOOR | | | | | | FRAME | | | | | HDW SET | OPENING PROTECTION | DOOR & HARDWARE NOTES (SEE BELOW) |
|---------------------|-------------|---------|--------|--------|------|------|-------------|----------|--------|-------|--------|------|------|------|---------|--------------------|---------------------------------------|
| | | WIDTH | HEIGHT | THK | TYPE | MATL | # OF LEAVES | UNDERCUT | FINISH | MATL | FINISH | HEAD | JAMB | SILL | | | |
| FIRST FLOOR | | | | | | | | | | | | | | | | | |
| 101 | MAIN ENTRY | 3'-0" | 8'-0" | 1 3/4" | 1 | ALUM | 2 | - | - | ALUM | - | - | - | - | 6 | - | 1 |
| 108 | CORRIDOR | 0'-0" | 0'-0" | 1 3/4" | 4 | MTL | 2 | - | PAINT | HM | - | - | - | - | 4 | 45 MIN | 4, 5 |
| 110 | CLOSET | 0'-0" | 0'-0" | 1 3/8" | 2 | WOOD | 1 | 3/4" | PAINT | WOOD | PAINT | - | - | - | 1 | - | - |
| 111 | CLOSET | 0'-0" | 0'-0" | 1 3/8" | 2 | WOOD | 1 | 3/4" | PAINT | WOOD | PAINT | - | - | - | 1 | - | - |
| 112 | FITNESS | 0'-0" | 0'-0" | 1 3/8" | 3 | WOOD | 1 | 3/8" | PAINT | WOOD | PAINT | - | - | - | 1 | - | APPLY WF-1 TO GLASS INSET; ADD CLOSER |
| 113 | TOILET ROOM | 0'-0" | 0'-0" | 1 3/8" | 2 | WOOD | 1 | 3/4" | PAINT | WOOD | PAINT | - | - | - | 3 | - | ADD CLOSER |
| 114 | TOILET ROOM | 0'-0" | 0'-0" | 1 3/8" | 2 | WOOD | 1 | 3/4" | PAINT | WOOD | PAINT | - | - | - | 3 | - | ADD CLOSER |
| 115 | TOILET ROOM | 0'-0" | 0'-0" | 1 3/8" | 2 | WOOD | 1 | 3/4" | PAINT | WOOD | PAINT | - | - | - | 3 | - | ADD CLOSER |
| 116 | MECH/ELEC | 0'-0" | 0'-0" | 1 3/8" | 2 | WOOD | 1 | 3/4" | PAINT | WOOD | PAINT | - | - | - | 2 | - | - |
| SECOND FLOOR | | | | | | | | | | | | | | | | | |
| 200 | STAIR | 0'-0" | 0'-0" | 1 3/4" | 4 | MTL | 1 | - | PAINT | HM | PAINT | - | - | - | 6 | 45 MIN | - |
| 201 | TOILET ROOM | 0'-0" | 0'-0" | 1 3/8" | 2 | WOOD | 1 | 3/4" | PAINT | WOOD | PAINT | - | - | - | 3 | - | ADD CLOSER |
| 202 | TOILET ROOM | 0'-0" | 0'-0" | 1 3/8" | 2 | WOOD | 1 | 3/4" | PAINT | WOOD | PAINT | - | - | - | 3 | - | ADD CLOSER |
| 203 | CONFERENCE | 0'-0" | 0'-0" | 1 3/8" | 3 | WOOD | 1 | 3/8" | PAINT | WOOD | PAINT | - | - | - | 1 | - | - |
| 205 | CLOSET | 0'-0" | 0'-0" | 1 3/8" | 2 | WOOD | 1 | 3/4" | PAINT | WOOD | PAINT | - | - | - | 5 | - | - |
| 2 | IT | 0'-0" | 0'-0" | 1 3/8" | 2 | WOOD | 1 | 3/4" | PAINT | WOOD | PAINT | - | - | - | 2 | - | - |
| 208 | MECH/STOR | 0'-0" | 0'-0" | 1 3/8" | 2 | WOOD | 1 | 3/4" | PAINT | WOOD | PAINT | - | - | - | 1 | - | - |

HARDWARE SETS

| DESCRIPTION | MANUFACTURER | FINISH | STYLE | NOTES |
|------------------------------------|--------------|--------------|-------------|---|
| HARDWARE SET 1 | | | | |
| PASSAGE | KWIKSET | SATIN NICKEL | HALIFAX RND | ADA COMPLIANT |
| HARDWARE SET 2 | | | | |
| KEYED STORAGE | KWIKSET | SATIN NICKEL | HALIFAX RND | NO LOCK ON INSIDE OF DOOR |
| HARDWARE SET 3 | | | | |
| PASSAGE | KWIKSET | SATIN NICKEL | HALIFAX RND | ADA COMPLIANT; PROVIDE SURFACE CLOSER IN MATCHING FINISH |
| DEADBOLT | SCHLAGE | SATIN NICKEL | B571 | DEADBOLT WITH OCCUPANCY INDICATOR |
| HARDWARE SET 4 | | | | |
| PASSAGE | KWIKSET | SATIN NICKEL | HALIFAX RND | ADA COMPLIANT |
| HOLD OPENS | - | SATIN NICKEL | - | TIED TO FIRE ALARM |
| CONCEALED VERTICAL ROD EXIT DEVICE | - | SATIN NICKEL | - | WITH LEAVER HANDLE OUTSIDE |
| CLOSER | - | SATIN NICKEL | - | EXTERIOR GRADE |
| HARDWARE SET 5 | | | | |
| CLOSET DBL DOORS | KWIKSET | SATIN NICKEL | HALIFAX RND | PROVIDE HALF DUMMY SETS WITH ROLLER CATCHES |
| HARDWARE SET 6 | | | | |
| DOOR PULL | CR LAURENCE | SATIN NICKEL | 36LPBS | BRUSHED STAINLESS 36" EXTRA LENGTH LADDER STYLE BACK-TO-BACK PULL |
| DEADBOLT | TBD | SATIN NICKEL | TBD | - |
| CLOSER | TBD | SATIN NICKEL | TBD | EXTERIOR GRADE |

DOOR & HARDWARE NOTES

- GENERAL DOOR NOTES**
- A. ALL HARDWARE SETS INDICATED ARE FOR ONE DOOR (LEAF) UNO; CONTRACTOR SHALL COORDINATE HARDWARE SETS WITH NUMBER OF DOORS (LEAVES) SCHEDULED IN THE DOOR SCHEDULE AND MAKE APPROPRIATE ADJUSTMENTS TO HARDWARE QUANTITIES
- B. ALL DOOR HARDWARE IN BUILDING SHALL BE SATIN NICKEL UNO; CONTRACTOR SHALL PROVIDE SAMPLE OF METAL FINISH FOR HARDWARE MANUFACTURER FOR ARCHITECT AND / OR INTERIOR DESIGNER APPROVAL OF METAL FINISH
- C. HARDWARE MANUFACTURERS INDICATED ARE LISTED AS BASIS OF DESIGN ONLY; CONTRACTOR SHALL PROVIDE PRODUCT SUBMITTAL FOR ARCHITECT/ DESIGNER APPROVAL OF ACCEPTABLE SUBSTITUTIONS
- D. PROVIDE RICHELIEU #218 BRUSHED NICKEL LOW PROFILE DOME DOOR STOP FOR EACH DOOR SWING
- NOTES**
- ACCESS CONTROL; VERIFY WITH OWNER
 - DOOR TO BE SELF CLOSING; PROVIDE SPRING HINGES
 - FIRE DOOR WITH CLOSER ON HOLD OPENS TIED INTO FIRE ALARM; RE: FIRE ALARM
 - PAINT DOOR AND FRAME P-1 TO MATCH WALL

LIGHTING SPECIFICATIONS- AMENITY

A SURFACE MOUNT LED DOWNLIGHT (GENERAL)
 MFR - USAI LIGHTING
 PRODUCT - BEVELED BLOCK PENDANT - ROUND DOWNLIGHT
 ITEM # - BLRDS
 FINISH - WHITE
 SIZE - 5" DIA X 6-11/16"H, 24"L STEM
 LAMP - LED - 3000K
 INSTALL - SURFACE, PER RCP

B1 SURFACE MOUNT LED DOWNLIGHT
 MFR - JLC TECH
 PRODUCT - T-BAR LED DIFFUSING LENS
 ITEM # - TBSL
 FINISH - WHITE
 SIZE - 4L
 LAMP - LED - 3000K
 INSTALL - SURFACE, PER RCP

B2 SURFACE MOUNT LED DOWNLIGHT
 MFR - JLC TECH
 PRODUCT - T-BAR LED DIFFUSING LENS
 ITEM # - TBSL
 FINISH - WHITE
 SIZE - 5L
 LAMP - LED - 3000K
 INSTALL - SURFACE, PER RCP

B3 SURFACE MOUNT LED DOWNLIGHT
 MFR - JLC TECH
 PRODUCT - T-BAR LED DIFFUSING LENS
 ITEM # - TBSL
 FINISH - WHITE
 SIZE - 2L
 LAMP - LED - 3000K
 INSTALL - SURFACE, PER RCP

C VANITY SCONCE
 MFR - KUZCO
 PRODUCT - MARLON
 ITEM # - VL63724-BK
 FINISH - BLACK
 SIZE - 23-1/4"W x 5-1/8"H x 4-1/8"D
 LAMP - LED 19W 20V, 3000K
 INSTALL - PER RCP & INTERIOR ELEVATIONS

D SURFACE MOUNT LED DOWNLIGHT
 MFR - TECH LIGHTING
 PRODUCT - HILO 16 FLUSH MOUNT
 FINISH - NIGHTSHADE BLACK
 SIZE - 16.6"DIA, 2.2"H
 LAMP - LED 15W 120V-277V, 2700K
 INSTALL - SURFACE, PER RCP

E CHANDELIER
 MFR - KUZCO
 PRODUCT - NOVEL CHANDELIER
 ITEM # - CH72225
 FINISH - BLACK
 SIZE - 24-5/8"DIA, x 5-1/4"H
 CORD - 120" BLACK COAXIAL WIRE
 LAMP - LED 82W 120V, 3000K
 INSTALL - PER RCP, MOUNT 7'-0" AFF TO BOTTOM OF FIXTURE

F PENDANT, LARGE
 MFR - BLU DOT
 PRODUCT - LAIKA LARGE PENDANT LIGHT
 ITEM # - LA1-LGWIRE-BK
 FINISH - BLACK
 SIZE - 30.1"DIA, x 15.8"H
 CORD - 8' CLOTH COVERED CORD
 LAMP - MAX 100W 120V
 INSTALL - PER RCP, MOUNT 8'-0" AFF TO BOTTOM OF FIXTURE

G PENDANT, LARGE
 MFR - RBW
 PRODUCT - HOIST PENDANT
 ITEM # - HP-21-B-PC30-30-IP65
 FINISH - MATTE BLACK
 SIZE - 21"DIA, x 4"H
 CORD - 192" BLACK CORD WITH PLUG
 LAMP - 3000K
 INSTALL - PER RCP, MOUNT 6'-6" AFF TO BOTTOM OF FIXTURE

H PENDANT, LARGE
 MFR - TECH LIGHTING
 PRODUCT - KAI 2 PENDANT
 ITEM # - 700TKAI2
 FINISH - NIGHTSHADE BLACK
 SIZE - 22.5"DIA, x 26.4"H
 CORD - 144" BLACK CLOTH CORD
 LAMP - 11.4W 120V, 3000K
 INSTALL - PER RCP, MOUNT 7'-0" AFF TO BOTTOM OF FIXTURE

J PENDANT, MEDIUM
 MFR - BLU DOT
 PRODUCT - LAIKA MEDIUM PLUS PENDANT LIGHT
 ITEM # - LA1-MSWIRE-BK
 FINISH - BLACK
 SIZE - 18.8"DIA, x 23.7"H
 CORD - 8' CLOTH COVERED CORD
 LAMP - 100W, 120V
 INSTALL - PER RCP, MOUNT 8'-0" AFF TO BOTTOM OF FIXTURE

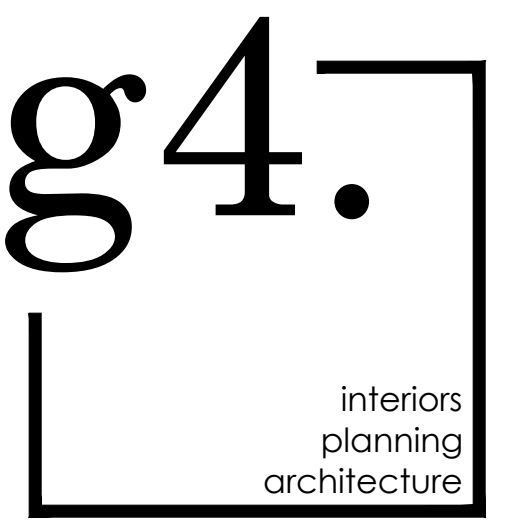
K CHANDELIER
 MFR - TECH LIGHTING
 PRODUCT - SPECTRA 8 CHANDELIER
 ITEM # - 700LSSPCT
 FINISH - MATTE BLACK
 SIZE - 55.5"W x 32.8"D x 13"H
 LAMP - 56W 120V, 3000K
 INSTALL - PER RCP, MOUNT 8'-0" AFF TO BOTTOM OF FIXTURE

L PENDANT, LARGE
 MFR - RBW
 PRODUCT - LAVIS CROSS PENDANT
 ITEM # - LS2-48-PCXX-DDIF-IDIF-35-277_10_DIN
 FINISH - CUSTOM POWDER COAT TO MATCH PMS 377
 SIZE - 33"W x 88"D x 8"H
 CORD - 72" CABLE
 LAMP - 108W 110-277V, 3000K
 INSTALL - PER RCP, MOUNT 7'-6" AFF TO BOTTOM OF FIXTURE

M WALL SCONCE
 MFR - LIGHTOLOGY
 PRODUCT - COLE WALL SCONCE
 ITEM # - AFX1004925
 FINISH - SATIN NICKEL
 SIZE - 5.12"W x 18"H x 2.41"D
 LAMP - 1 X LED/18W/120V LED
 INSTALL - PER RCP & INTERIOR ELEVATIONS

N SURFACE MOUNT LED
 MFR - SEE ELEC
 PRODUCT -
 ITEM # -
 FINISH -
 SIZE -
 LAMP -
 INSTALL -

Q SURFACE MOUNT LED
 MFR - USAI LIGHTING
 PRODUCT - BEVELED BLOCK PENDANT - ROUND WALL WASH
 ITEM # - BLRW5
 SIZE - 6-1/8"DIA, x 7-1/16"H
 LAMP - 120V-277V, 3000K
 INSTALL - SURFACE, PER RCP



DESIGN

1520 Prudential Drive | Jacksonville, FL 32207
 904.353.5900 [a] 904.353.5968 [f]
 Email info@g4designinc.com | AA26001912

PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

DO NOT SCALE THE DRAWINGS. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. SCALE NOTED IS FOR FULL "ANSI-D" SIZE PRINTS.

CONTRACTOR SHALL CHECK & VERIFY ALL JOB SITE CONDITIONS.

© 2022 Group 4 Design, Inc.

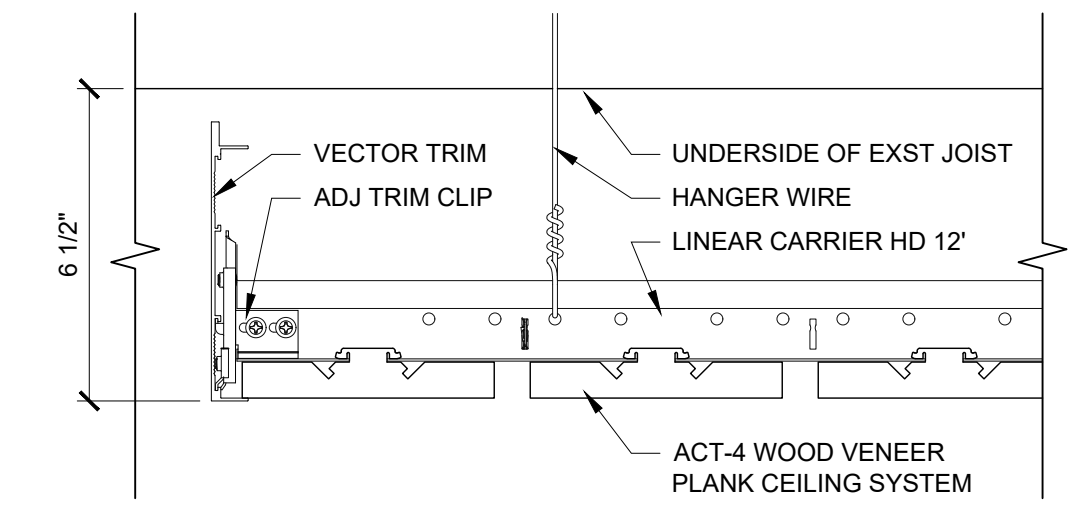
Not Valid for Permitting Without Contractor Signature, Raised Seal, and Date

| No. | Date | By | Description |
|-----|----------|-----|-------------|
| 01 | 04.22.22 | JCW | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

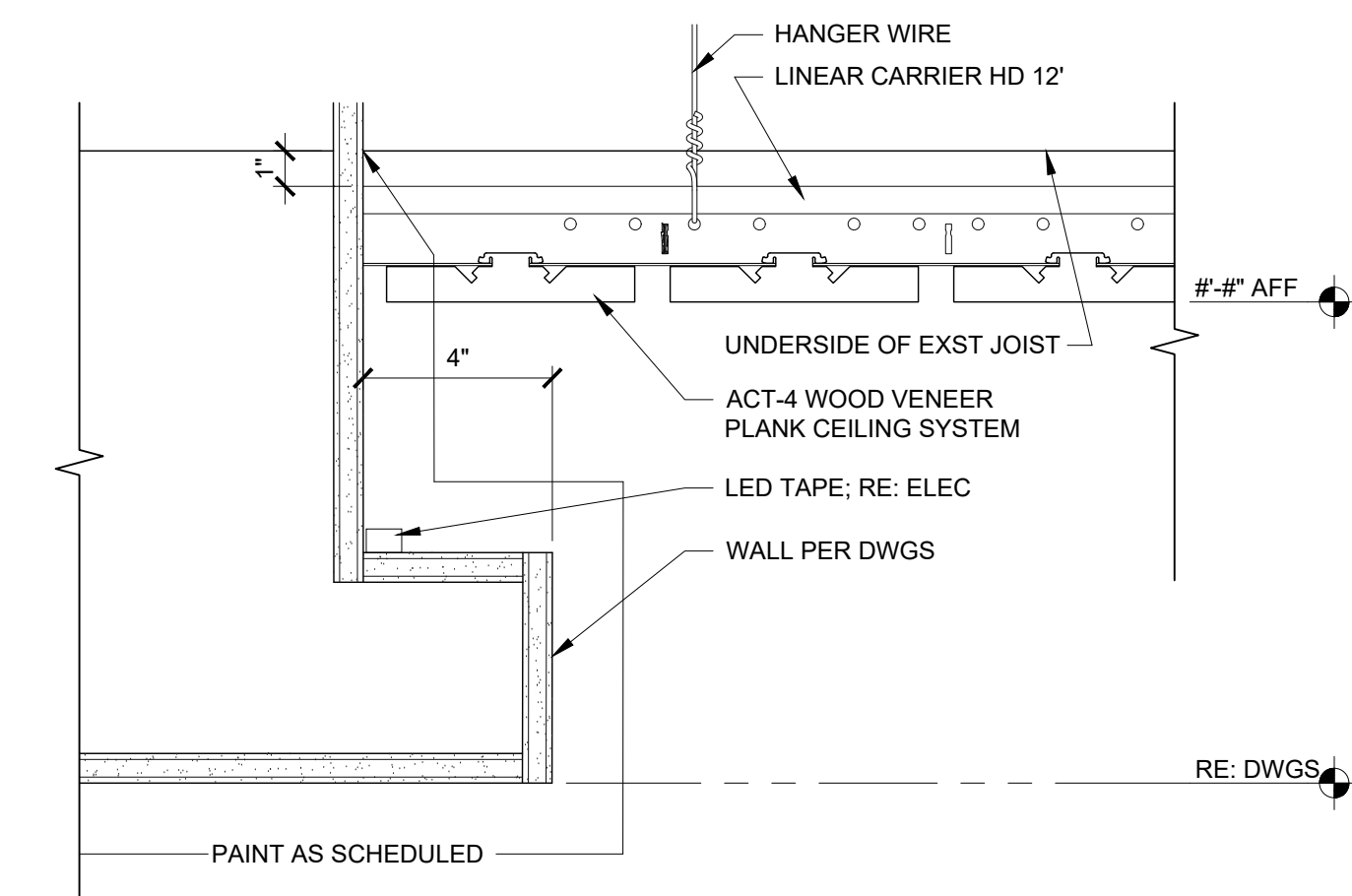


Project Number: 22.0017.00
 Drawn By: JW/BR
 Checked By:
 Project Name:
 1649 ATLANTIC
 OFFICE RENOVATION
 JACKSONVILLE, FL
 Drawing Name:
 LIGHTING SPECS
 AND CEILING DETAILS

ID900

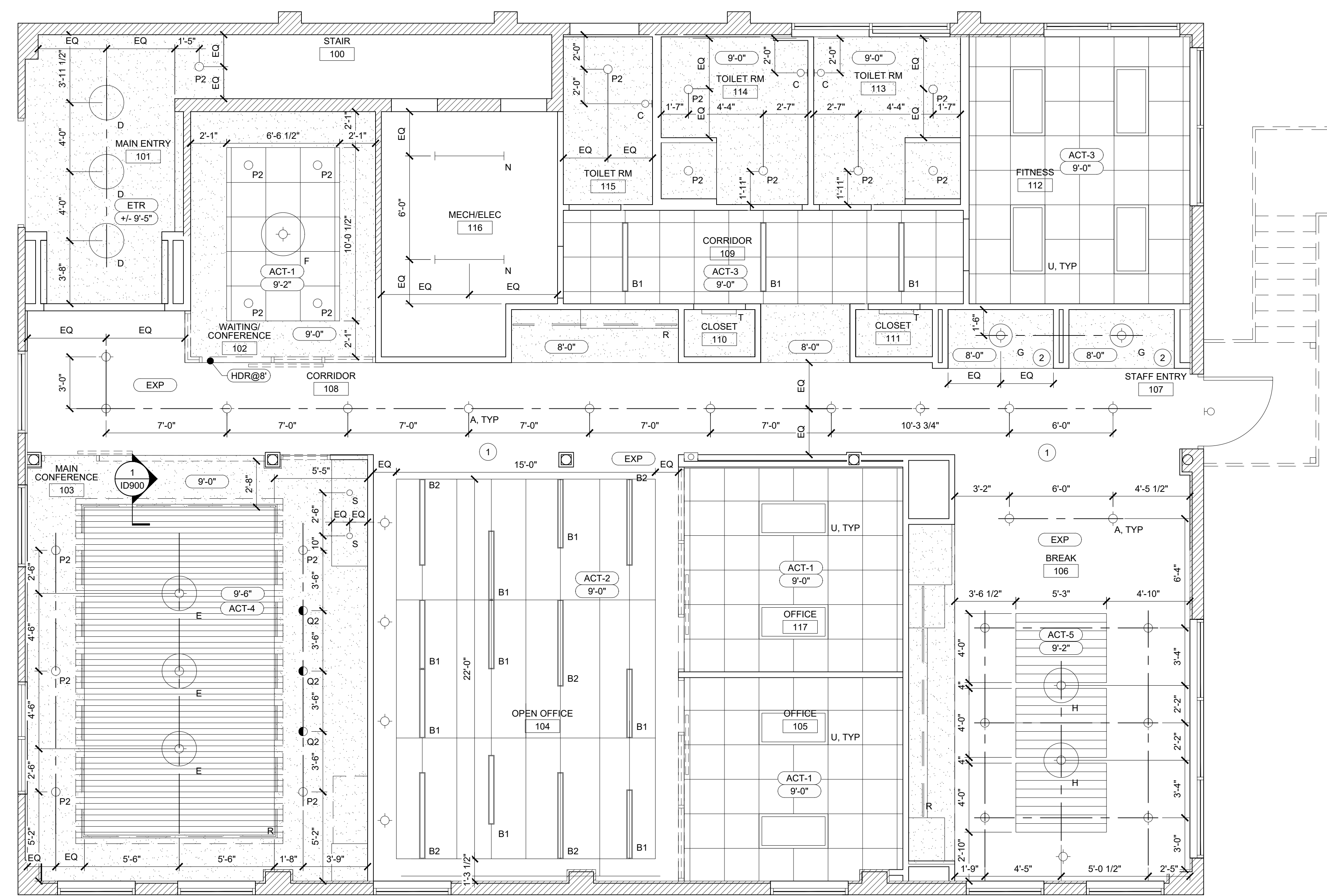


2 ACT-4 CLOUD CEILING DETAIL 3" = 1'-0"



1 CEILING COVE DTL 3" = 1'-0"

| RCP KEY NOTES | REFLECTED CEILING PLAN NOTES | REFLECTED CEILING PLAN LEGEND |
|--|--|---|
| <p>① EXPOSED CEILING, INCLUDING ALL FIXTURES, PIPING AND DEVICES, TO BE PAINTED OUT P-1.</p> <p>② CEILING TO RECEIVE FABRIC WRAPPED PANELS</p> | <p>REFERENCES</p> <ol style="list-style-type: none"> REFER TO ELECTRICAL LIGHT FIXTURE LEGEND ON ID900 AND ELECTRICAL DRAWINGS FOR FIXTURE SPECIFICATIONS. ANY MECHANICAL INFORMATION SHOWN IS FOR PURPOSES OF DESIGNER'S REFERENCE ONLY. SEE COORDINATING MECHANICAL PLANS FOR FULL LAY-OUTS AND SPECIFICATIONS. REFER TO ID020 FOR PAINT COLOR DESIGNATIONS FOR NOTED ON PLANS. <p>DRAWING NOTES</p> <ol style="list-style-type: none"> ALL CEILING HEIGHTS LOCATED ON PLANS ARE ABOVE FINISHED FLOOR TO UNDERSIDE OF FINISHED CEILING. EXPOSED SLAB ABOVE IS NOTED AS 'EXP'. ALL CEILING LIGHT FIXTURES SHALL OCCUR CENTERED WITHIN THE DECORATIVE GRIDWORK OR WITHIN THE ROOM UNLESS DIMENSIONED OTHERWISE. <p>INSTALLATION NOTES</p> <ol style="list-style-type: none"> THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING, PRIOR TO CONSTRUCTION, OF ANY CONFLICTS BETWEEN PROPOSED REFLECTED CEILING PLAN AND JOB SITE CONDITIONS. CONTRACTOR TO PROVIDE BULBS FOR EACH FIXTURE IN MAXIMUM ALLOWABLE WATTAGE. LEAVE ADDITIONAL WIRING AND CHAIN FOR MOUNTING HEIGHT ADJUSTMENTS IF REQUIRED. CONTRACTOR SHALL NOT MAKE PERMANENT ADJUSTMENTS TO PENDANT FIXTURE EXTENSIONS UNTIL FINAL FIXTURE HEIGHT HAS BEEN APPROVED BY DESIGNER. | <p>○ DOWNLIGHT</p> <p>◇ PENDANT</p> <p>▽ WALL SCONCE</p> <p>▭ 2X4 LAY-IN FLUORESCENT</p> <p>▭ SUSPENDED FLUORESCENT</p> <p>✪ OSCILLATING FAN - CEILING MOUNT</p> <p>▨ EXPOSED MECHANICAL DUCTWORK</p> <p>⊠ SUPPLY DIFFUSERS</p> <p>⊙ UNDERSIDE OF FLOOR/CEILING ASSEMBLY - 11' AFF UNO</p> <p>▨ GWB (FURRED DOWN CEILING SYSTEM) - HEIGHTS VARY. SEE RCPS</p> <p>○-X" CEILING HEIGHT AS NOTED</p> <p>● WALL WASHER</p> <p>⊙ DECORATIVE PENDANT</p> <p>◇ LED DOWNLIGHT</p> <p>▭ 2X2 LAY-IN FLUORESCENT</p> <p>▭ SURFACE MOUNT FLUORESCENT</p> <p>✪ OSCILLATING FAN - WALL MOUNT</p> <p>CLG CJ FIRE RATED GWB CLG CONTROL JOINT</p> <p>▭ RETURN DIFFUSER</p> <p>○-X" GWB HEADER</p> |



| No. | Date | By | Description |
|-----|----------|-----|-------------|
| 01 | 04.22.22 | JCW | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

VESTCOR

| | |
|-----------------|------------------------|
| Project Number: | 22.0017.00 |
| Drawn By: | |
| Checked By: | |
| Project Name: | 1649 ATLANTIC |
| | OFFICE RENOVATION |
| | JACKSONVILLE, FL |
| Drawing Name: | FIRST FLOOR |
| | REFLECTED CEILING PLAN |

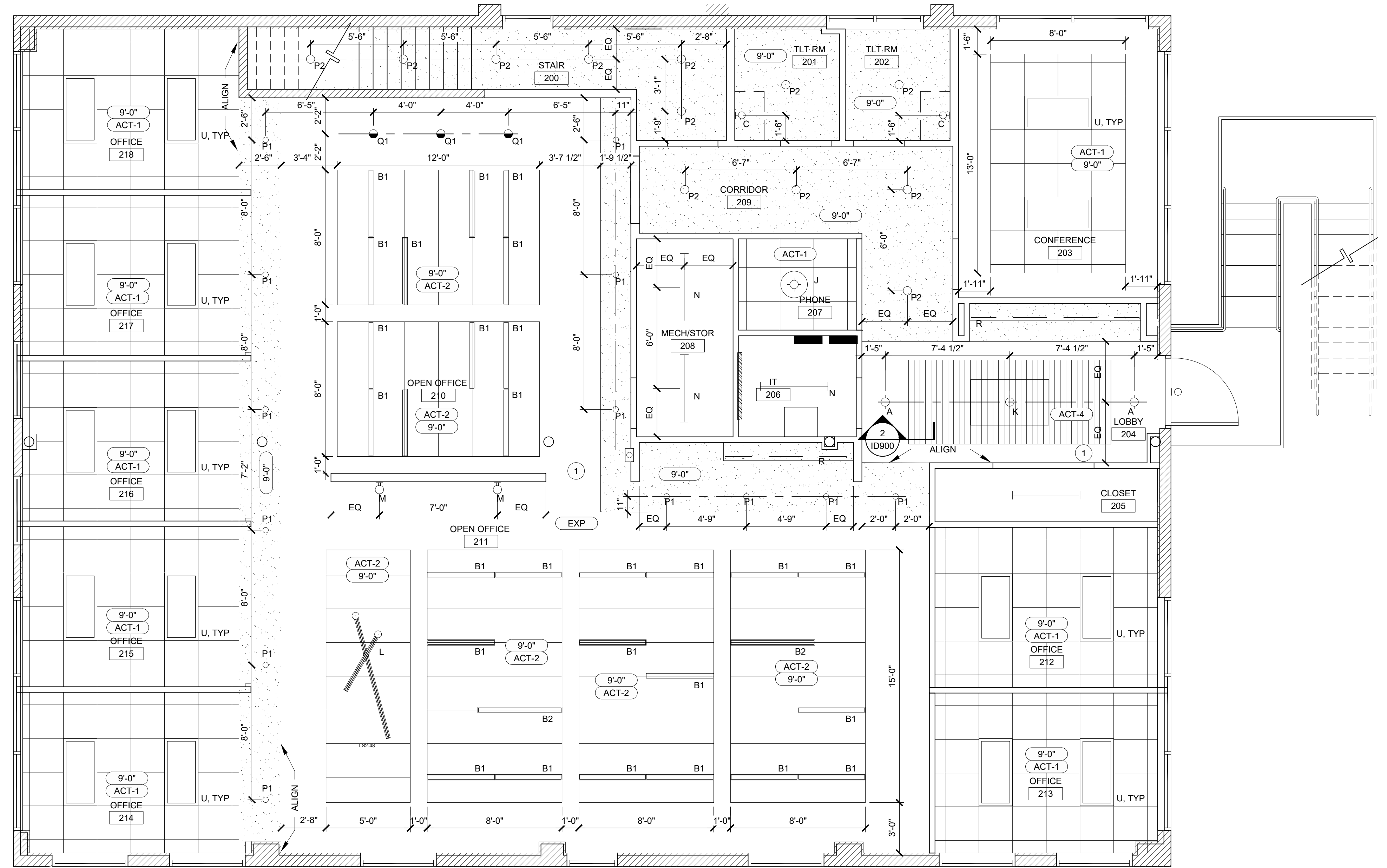
① FIRST FLOOR REFLECTED CEILING PLAN

1/4" = 1'-0"

ID901

Not Valid for Permitting
Without Color Signature,
Raised Seal, and Date

| RCP KEY NOTES | REFLECTED CEILING PLAN NOTES | REFLECTED CEILING PLAN LEGEND |
|--|--|---|
| <p>1 EXPOSED CEILING, INCLUDING ALL FIXTURES, PIPING AND DEVICES, TO BE PAINTED OUT P-1.</p> <p>2 CEILING TO RECEIVE FABRIC WRAPPED PANELS</p> | <p>REFERENCES</p> <p>1. REFER TO ELECTRICAL LIGHT FIXTURE LEGEND ON ID900 AND ELECTRICAL DRAWINGS FOR FIXTURE SPECIFICATIONS.</p> <p>2. ANY MECHANICAL INFORMATION SHOWN IS FOR PURPOSES OF DESIGNER'S REFERENCE ONLY. SEE COORDINATING MECHANICAL PLANS FOR FULL LAY-OUTS AND SPECIFICATIONS.</p> <p>3. REFER TO ID020 FOR PAINT COLOR DESIGNATIONS FOR NOTED ON PLANS.</p> <p>DRAWING NOTES</p> <p>1. ALL CEILING HEIGHTS LOCATED ON PLANS ARE ABOVE FINISHED FLOOR TO UNDERSIDE OF FINISHED CEILING. EXPOSED SLAB ABOVE IS NOTED AS 'EXP'.</p> <p>2. ALL CEILING LIGHT FIXTURES SHALL OCCUR CENTERED WITHIN THE DECORATIVE GRIDWORK OR WITHIN THE ROOM UNLESS DIMENSIONED OTHERWISE.</p> <p>INSTALLATION NOTES</p> <p>1. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING, PRIOR TO CONSTRUCTION, OF ANY CONFLICTS BETWEEN PROPOSED REFLECTED CEILING PLAN AND JOB SITE CONDITIONS.</p> <p>2. CONTRACTOR TO PROVIDE BULBS FOR EACH FIXTURE IN MAXIMUM ALLOWABLE WATTAGE.</p> <p>3. LEAVE ADDITIONAL WIRING AND CHAIN FOR MOUNTING HEIGHT ADJUSTMENTS IF REQUIRED. CONTRACTOR SHALL NOT MAKE PERMANENT ADJUSTMENTS TO PENDANT FIXTURE EXTENSIONS UNTIL FINAL FIXTURE HEIGHT HAS BEEN APPROVED BY DESIGNER.</p> | <p>○ DOWNLIGHT</p> <p>◇ PENDANT</p> <p>▽ WALL SCONCE</p> <p>▭ 2X4 LAY-IN FLUORESCENT</p> <p>▭ SUSPENDED FLUORESCENT</p> <p>✪ OSCILLATING FAN - CEILING MOUNT</p> <p>▨ EXPOSED MECHANICAL DUCTWORK</p> <p>⊠ SUPPLY DIFFUSERS</p> <p>⊙ UNDERSIDE OF FLOOR/CEILING ASSEMBLY - 11' AFF UNO</p> <p>▨ GWB (FURRED DOWN CEILING SYSTEM) - HEIGHTS VARY. SEE RCPS</p> <p>○-X'-X" CEILING HEIGHT AS NOTED</p> <p>● WALL WASHER</p> <p>⊙ DECORATIVE PENDANT</p> <p>◇ LED DOWNLIGHT</p> <p>▭ 2X4 LAY-IN FLUORESCENT SURFACE MOUNT FLUORESCENT</p> <p>✪ OSCILLATING FAN - WALL MOUNT</p> <p>CLG CJ FIRE RATED GWB CLG CONTROL JOINT</p> <p>▭ RETURN DIFFUSER</p> <p>HDR @ X' GWB HEADER</p> |



| No. | Date | By | Description |
|-----|----------|-----|-------------|
| 01 | 04.22.22 | JCW | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

VESTCOR

Project Number: 22.0017.00

Drawn By: _____

Checked By: _____

Project Name: _____

1649 ATLANTIC

OFFICE RENOVATION

JACKSONVILLE, FL

Drawing Name: _____

SECOND FLOOR

REFLECTED CEILING PLAN

1 SECOND FLOOR REFLECTED CEILING PLAN

1/4" = 1'-0"

ID902

Not Valid for Permitting Without Color Signature, Raised Seal, and Date



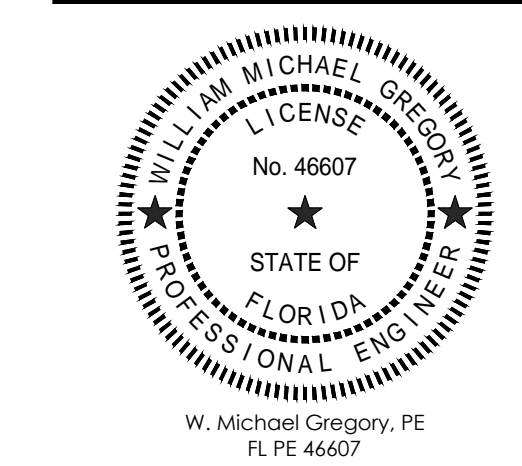
1520 Prudential Drive | Jacksonville, FL 32207
904.353.5900 | 904.353.5948 |
Email info@g4designinc.com | AA26001912

PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

DO NOT SCALE THE DRAWINGS. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. SCALE NOTED IS FOR FULL "ANSI-D" SIZE PRINTS.

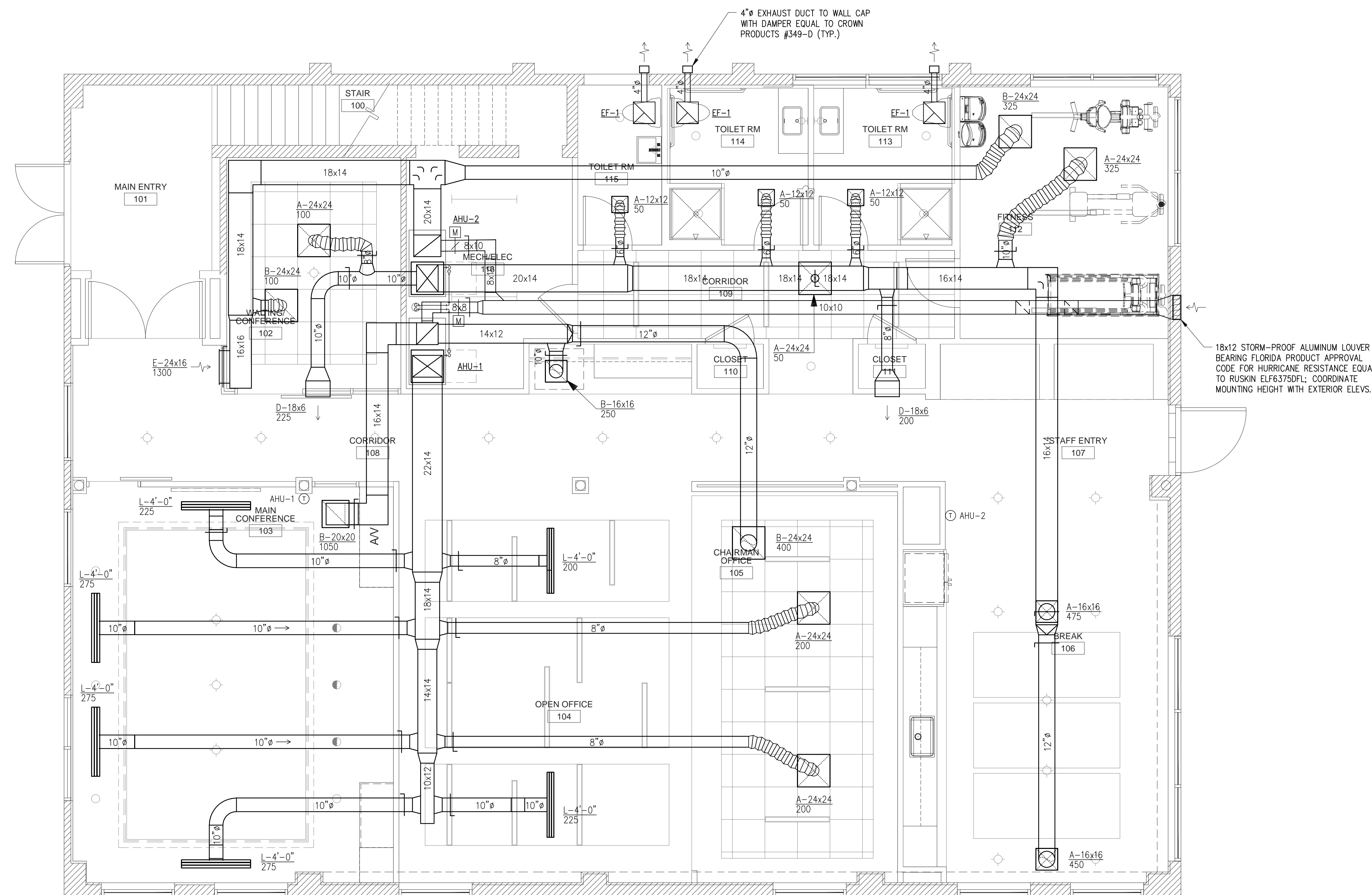
CONTRACTOR SHALL CHECK & VERIFY ALL JOB SITE CONDITIONS.

© 2022 Group 4 Design, Inc.



W. Michael Gregory, PE
FL PE 46607

| No. | Date | By | Description |
|-----|----------|----|-------------|
| 01 | 04.22.22 | MG | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |



1 MECHANICAL PLAN – FIRST FLOOR
M101 SCALE: 1/4" = 1'-0"

VESTCOR

Project Number: 22.0017.00
Drawn By:
Checked By:
Project Name:
1649 ATLANTIC
OFFICE RENOVATION
JACKSONVILLE, FL
Drawing Name:
MECHANICAL PLAN
FIRST FLOOR

M101



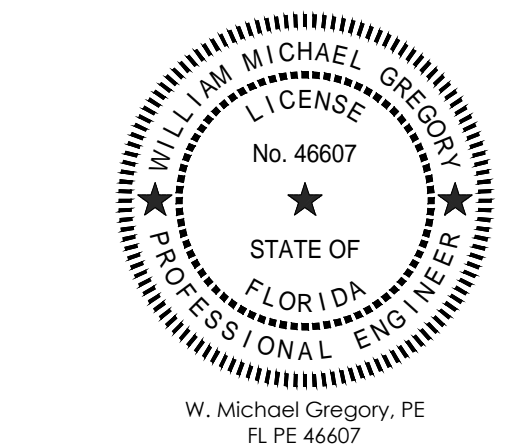
1520 Prudential Drive | Jacksonville, FL 32207
904.353.5900 | 904.353.5948 |
Email info@g4designinc.com | AA24001912

PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

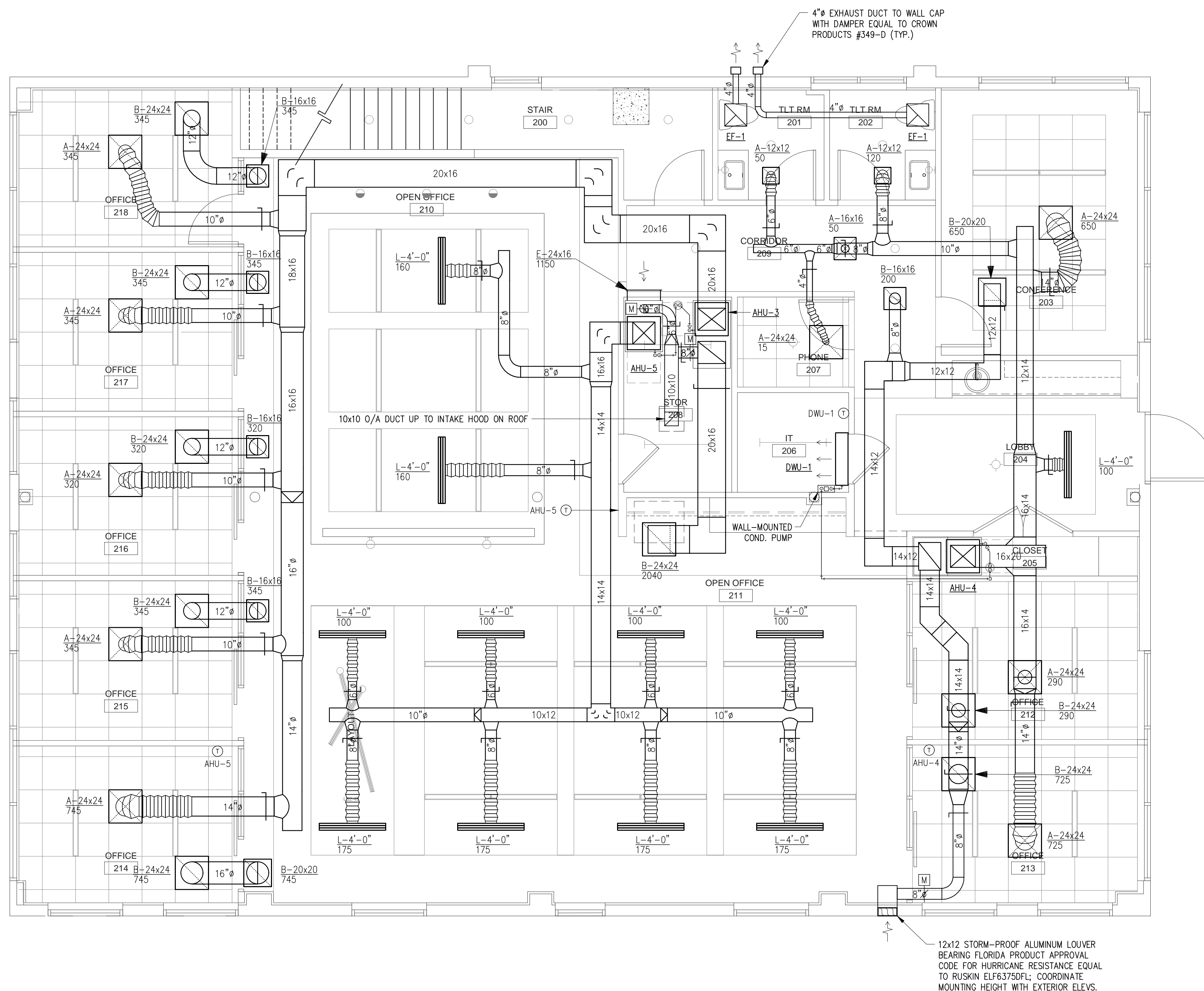
DO NOT SCALE THE DRAWINGS. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. SCALE NOTED IS FOR FULL 'ANSI-D' SIZE PRINTS.

CONTRACTOR SHALL CHECK & VERIFY ALL JOB SITE CONDITIONS.

© 2022 Group 4 Design, Inc.



| Issues and Revisions | | |
|----------------------|----------|---------------|
| No. | Date | Description |
| 01 | 04.22.22 | MG PERMIT SET |
| 02 | | |
| 03 | | |
| 04 | | |
| 05 | | |
| 06 | | |
| 07 | | |
| 08 | | |
| 09 | | |



1 MECHANICAL PLAN - SECOND FLOOR
M102 SCALE: 1/4" = 1'-0"

VESTCOR

Project Number: 22.0017.00

Drawn By: _____

Checked By: _____

Project Name: _____

1649 ATLANTIC

OFFICE RENOVATION

JACKSONVILLE, FL

Drawing Name: _____

MECHANICAL PLAN

SECOND FLOOR

M102



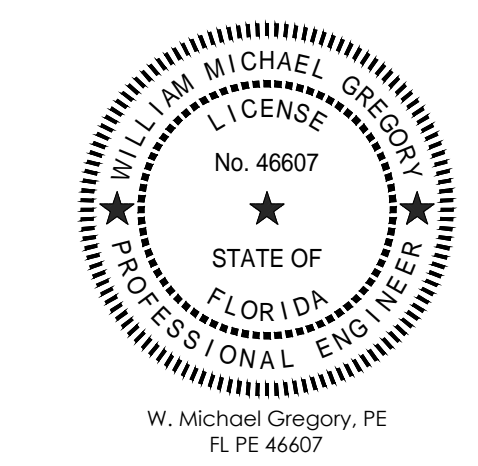
1520 Prudential Drive | Jacksonville, FL 32207
 904.353.5900 [c] 904.353.5948 [f]
 Email info@g4designinc.com | AA26001912

PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

DO NOT SCALE THE DRAWINGS. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. SCALE NOTED IS FOR FULL "ANSI-D" SIZE PRINTS.

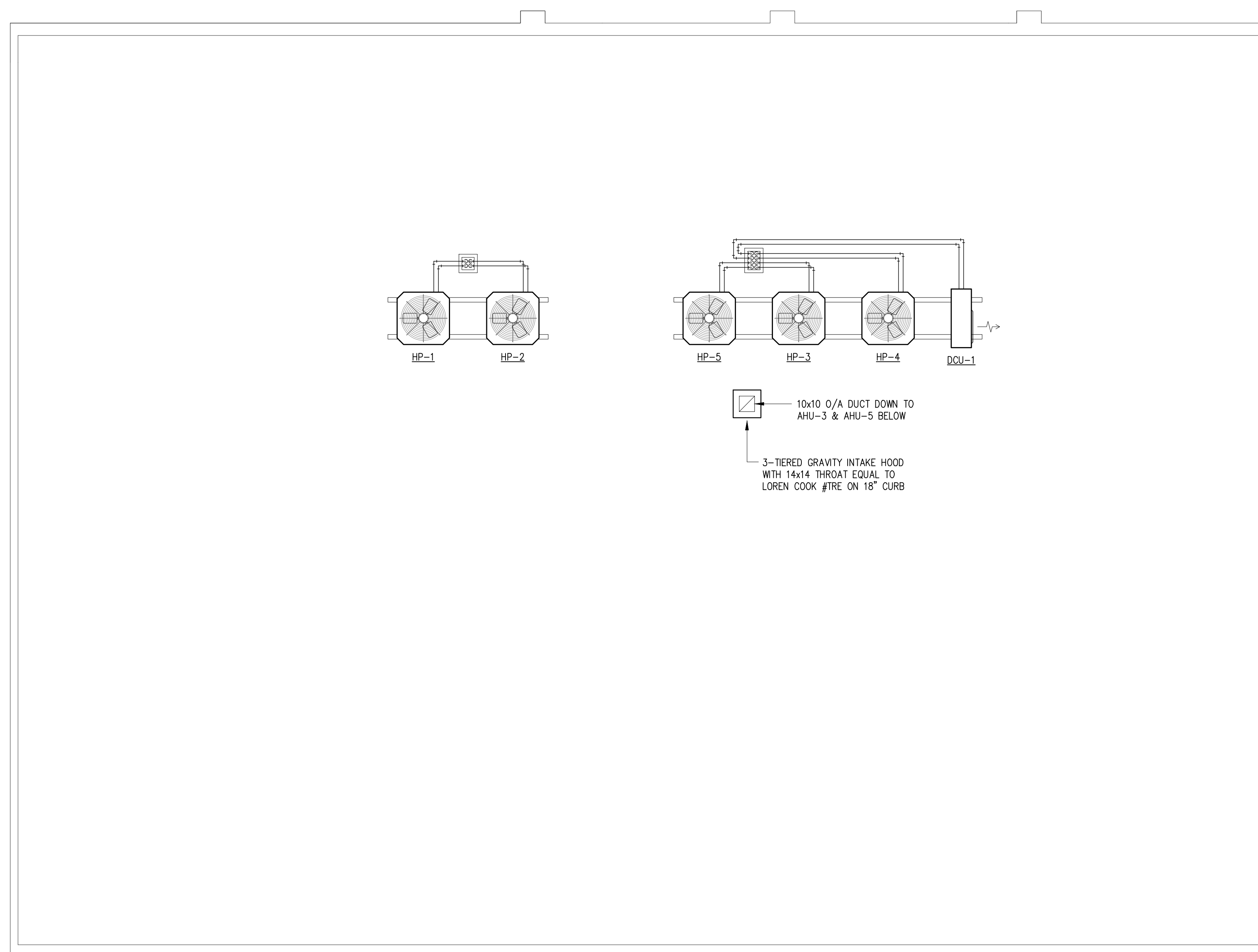
CONTRACTOR SHALL CHECK & VERIFY ALL JOB SITE CONDITIONS.

© 2022 Group 4 Design, Inc.



W. Michael Gregory, PE
 FL PE 46607

| No. | Date | By | Description |
|-----|----------|----|-------------|
| 01 | 04.22.22 | MG | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |



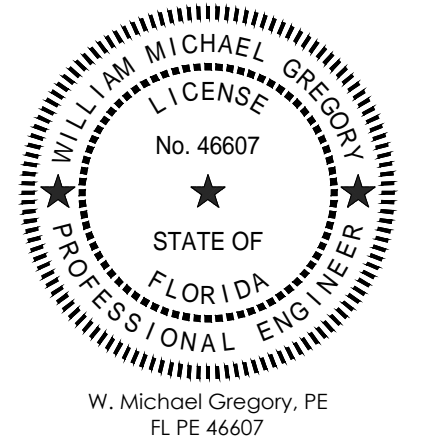
1 MECHANICAL PLAN - ROOF
 M103 SCALE: 1/4" = 1'-0"

VESTCOR

Project Number: 22.0017.00
 Drawn By:
 Checked By:
 Project Name:
 1649 ATLANTIC
 OFFICE RENOVATION
 JACKSONVILLE, FL
 Drawing Name:
 MECHANICAL PLAN
 ROOF

M103

© 2022 Group 4 Design, Inc. - PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.



| Issues and Revisions | | |
|----------------------|----------|---------------|
| No. | Date | Description |
| 01 | 04.22.22 | MG PERMIT SET |
| 02 | | |
| 03 | | |
| 04 | | |
| 05 | | |
| 06 | | |
| 07 | | |
| 08 | | |
| 09 | | |

VESTCOR

Project Number: 22.0017.00

Drawn By: _____

Checked By: _____

Project Name: _____

1649 ATLANTIC

OFFICE RENOVATION

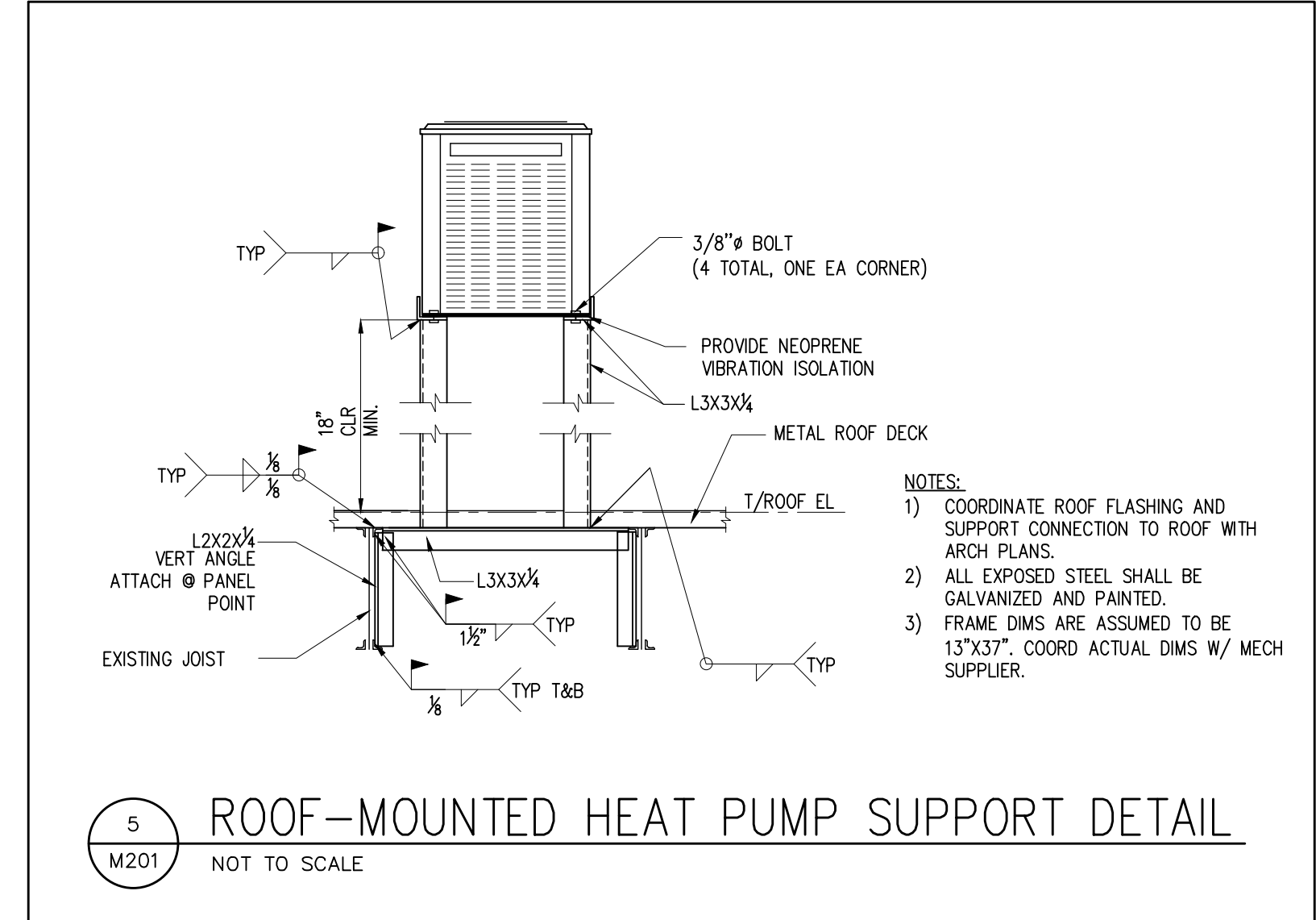
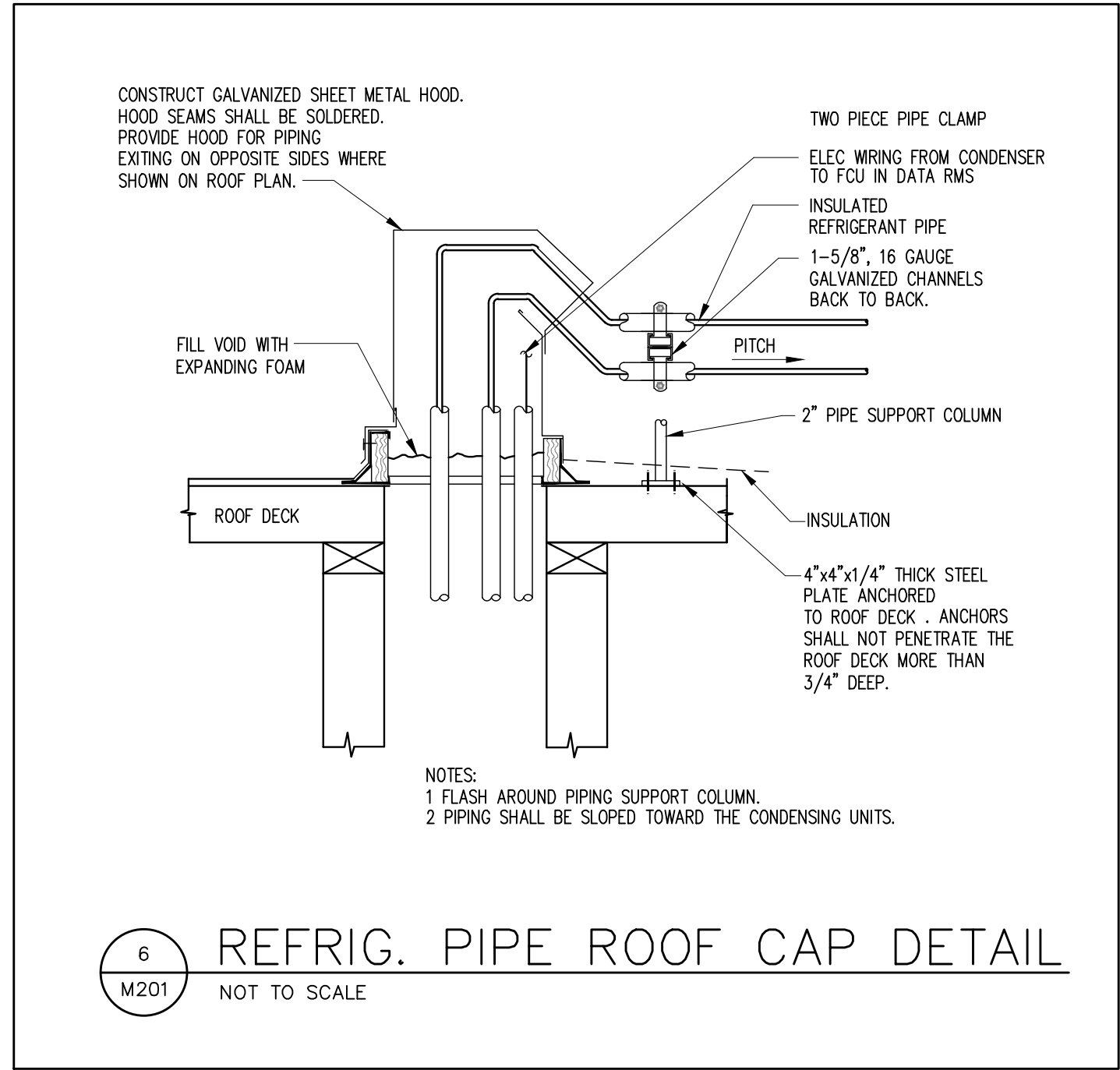
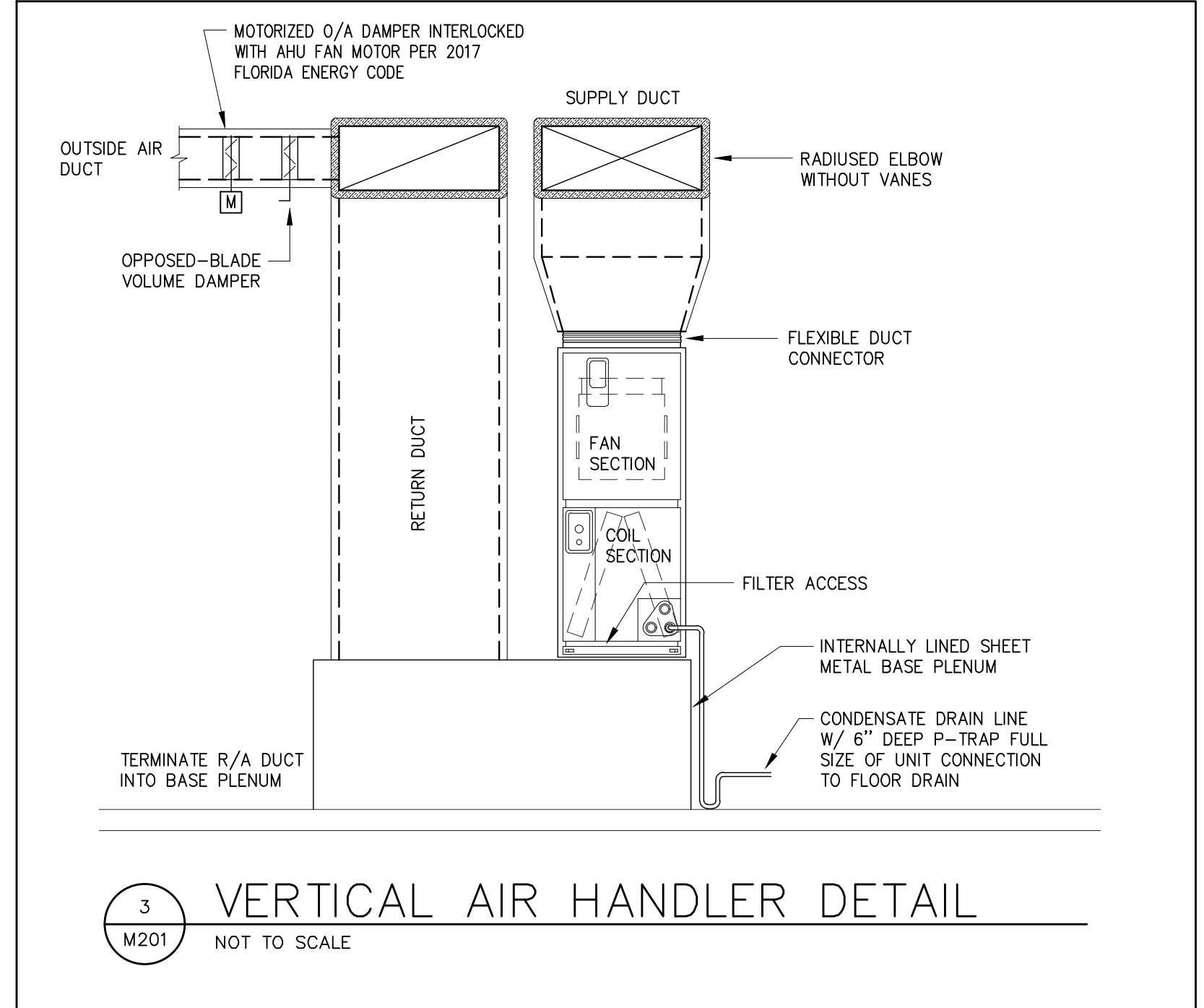
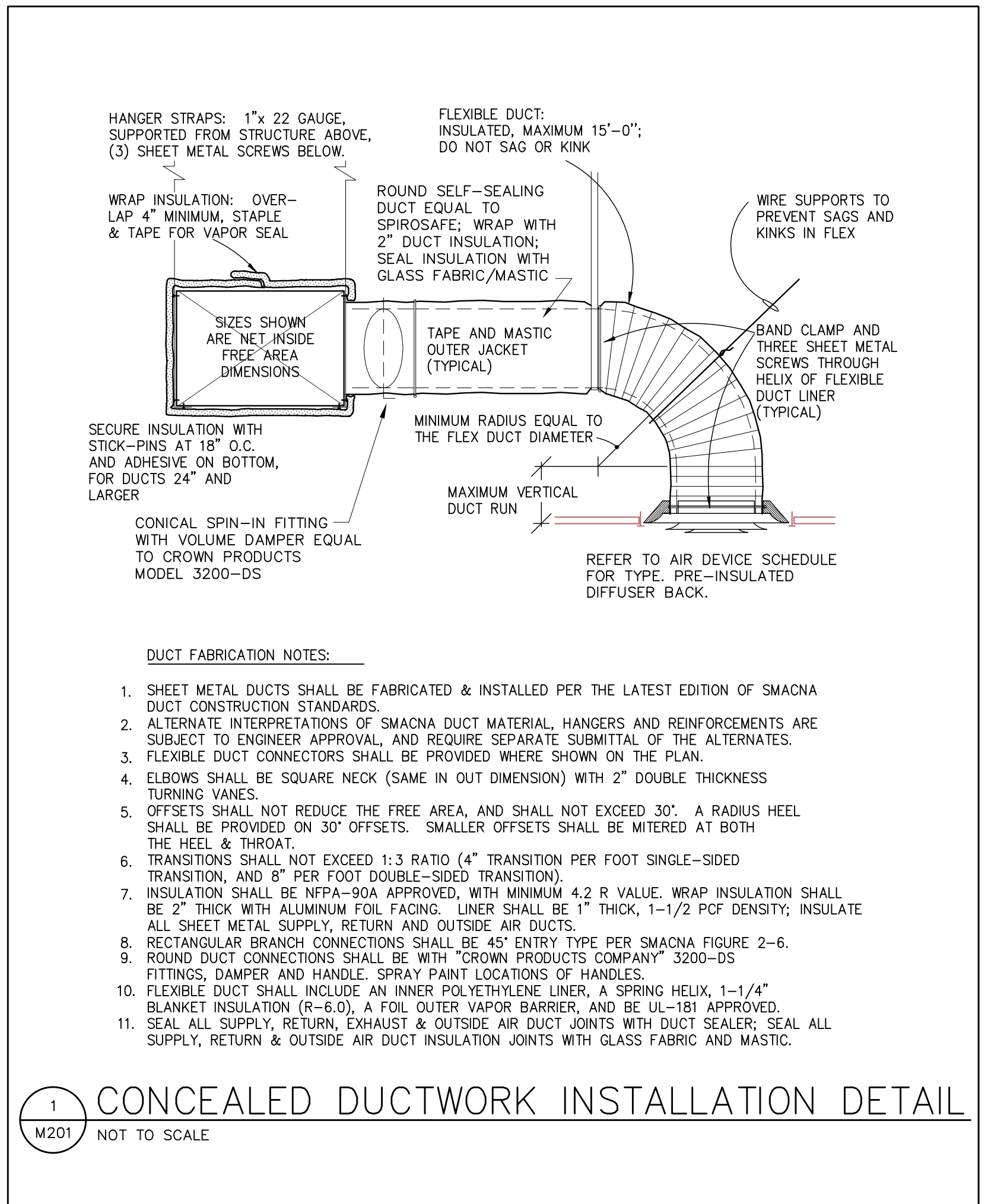
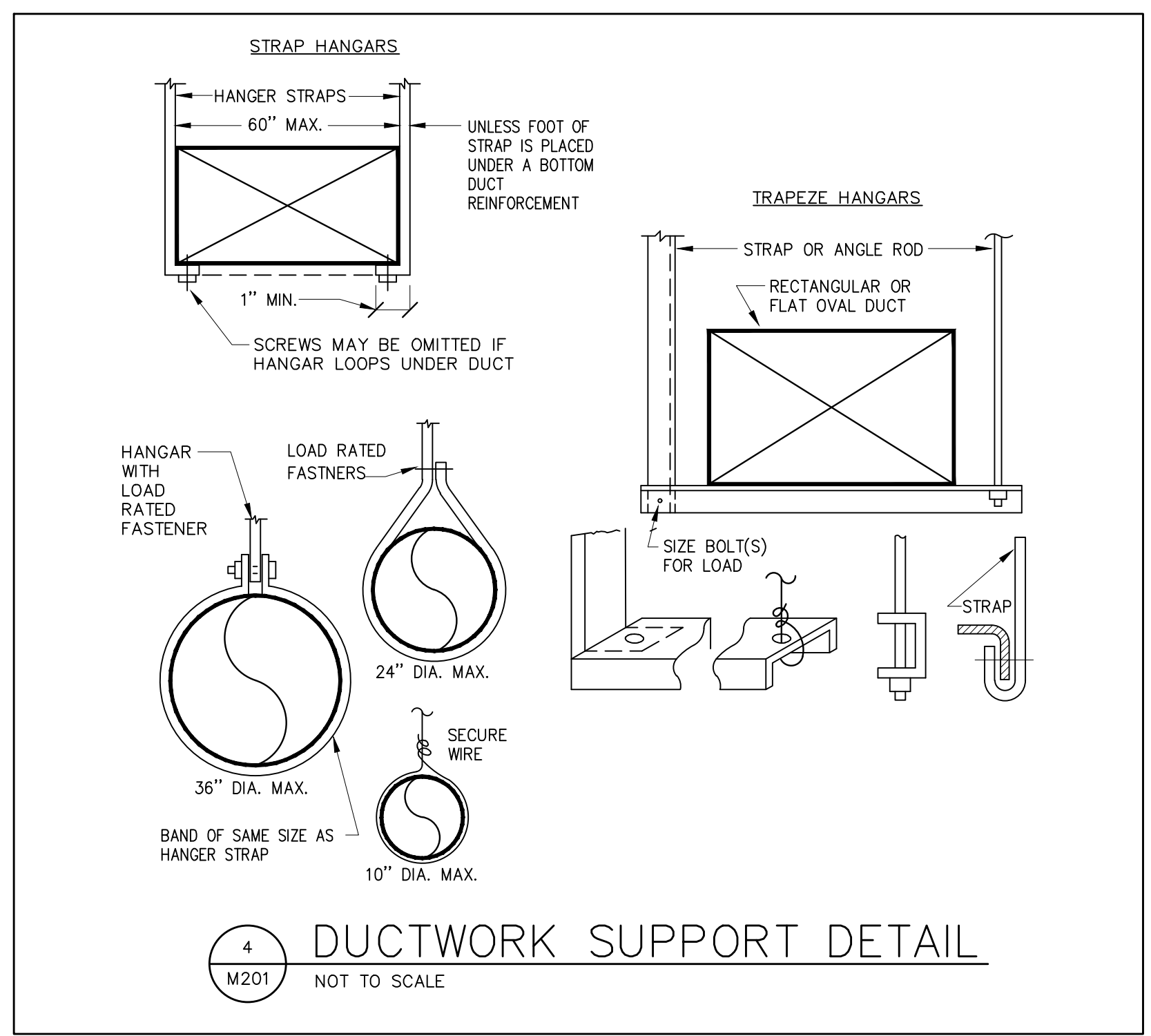
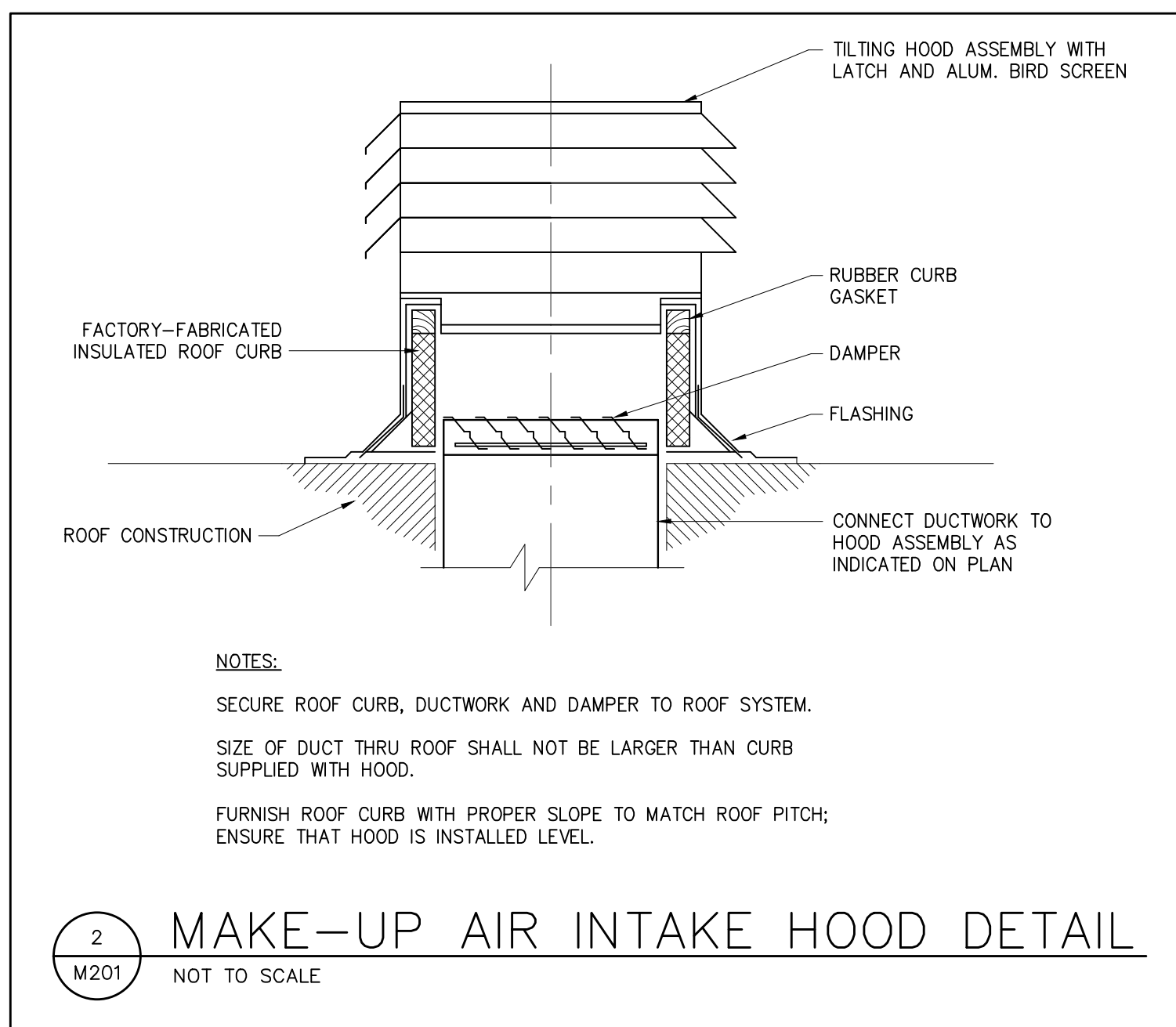
JACKSONVILLE, FL

Drawing Name: _____

MECHANICAL

DETAILS

M201





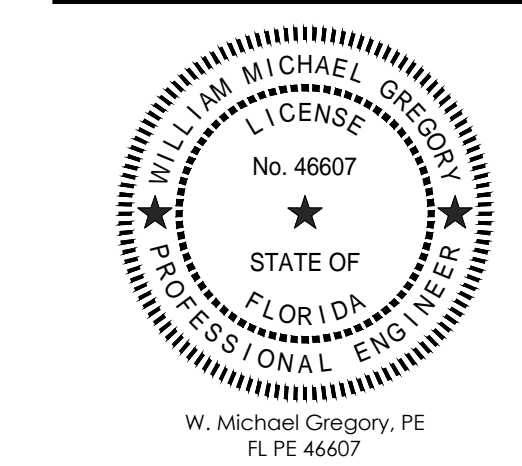
1520 Prudential Drive | Jacksonville, FL 32207
904.353.5900 | 904.353.5948 (f)
Email info@g4designinc.com | AA26001912

PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

DO NOT SCALE THE DRAWINGS. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. SCALE NOTED IS FOR FULL "ANSI-D" SIZE PRINTS.

CONTRACTOR SHALL CHECK & VERIFY ALL JOB SITE CONDITIONS.

© 2022 Group 4 Design, Inc.



W. Michael Gregory, PE
FL PE 46607

| No. | Date | By | Description |
|-----|----------|----|-------------|
| 01 | 04.22.22 | MG | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |



Project Number: 22.0017.00
Drawn By:
Checked By:
Project Name:
1649 ATLANTIC
OFFICE RENOVATION
JACKSONVILLE, FL
Drawing Name:
MECHANICAL
SCHEDULES



| EXHAUST FAN SCHEDULE | |
|--|---------------------|
| DESIGNATION | EF-1 |
| FAN TYPE | CEILING CENTRIFUGAL |
| DRIVE TYPE | DIRECT |
| AIRFLOW (CFM) | 70 |
| EXT. STATIC (in. wg.) | 1/4" |
| FAN SPEED (RPM) | 925 |
| INPUT (Watts) | 52W |
| VOLTAGE/PHASE | 120/1 |
| ACCESSORIES | A, B, C |
| CONTROL TYPE | SEE NOTE 1. |
| MANUFACTURER | LOREN COOK |
| MODEL NO. | GC-142 |
| NOTES: | |
| CONTROL TYPE: | |
| 1. MOTION SENSOR CONTROL WITH 15-MIN TIME DELAY RELAY. | |
| ACCESSORIES: | |
| A. BACK DRAFT DAMPER | |
| B. DISCONNECT SWITCH. | |
| C. SOLID STATE SPEED CONTROLLER. | |

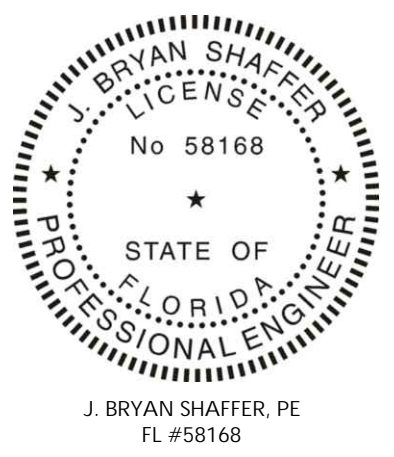
| DUCTLESS SPLIT SYSTEM SCHEDULE | |
|--|--------------------------|
| UNIT DESIGNATION | DWU/DCU-1 |
| LOCATION | IT CLOSET 106 |
| SYSTEM TYPE | COOLING ONLY |
| MANUFACTURER | MITSUBISHI |
| MODEL NUMBER (INDOOR / OUTDOOR) | PKA-A18HA7 / PUY-A18NKA7 |
| INDOOR UNIT INSTALLATION | WALL-MOUNTED |
| REFRIGERANT | R-410A |
| SEER | 18.5 |
| TOTAL COOLING (BTU/H) | 8000-18000 |
| SENSIBLE HEAT FACTOR | 0.70 |
| MAXIMUM AIRFLOW (CFM - HI / WET) | 380 |
| INDOOR VOLTAGE/PHASE | 208-230/1 |
| INDOOR UNIT FAN FLA / MCA | 0.33 / 1.0 |
| OUTDOOR VOLTAGE/PHASE | 208-230/1 |
| OUTDOOR UNIT MCA / MOCP | 11.0 / 28 |
| NOTES: | 1,2,3,4 |
| 1. DISCONNECT SWITCHES FOR INDOOR AND OUTDOOR UNIT BY E/C, INDOOR UNIT POWER IS FED FROM OUTDOOR UNIT. | |
| 2. PROVIDE WALL-MOUNTED REMOTE PROGRAMMABLE THERMOSTAT. | |
| 3. SIZE AND ROUTE REFRIGERANT LINES PER MANUFACTURER INSTRUCTIONS. | |
| 4. PROVIDE WALL-MOUNTED CONDENSATE PUMP ACCESSORY. | |

| AIR DISTRIBUTION DEVICE SCHEDULE | | | | | |
|----------------------------------|---|-------|-----------|--------|-------------------|
| TYPE | DESCRIPTION | NECK | FACE SIZE | MANUF. | NOMINAL CFM RANGE |
| SUPPLY | A ALUMINUM, HIGH-CAPACITY CONCENTRIC-CONE CEILING DIFFUSER, MODEL TDC-AA | 6"Ø | 12x12 | TITUS | 0-125 |
| | | 6"Ø | 18x18 | | 0-125 |
| | | 8"Ø | 18x18 | | 126-225 |
| | | 10"Ø | 18x18 | | 226-450 |
| | | 12"Ø | 18x18 | | 451-650 |
| RETURN / OA | B ALUMINUM, EGGCRATE CEILING RETURN GRILLE, MODEL 50F | 8"Ø | 4'-0" | TITUS | 0-225 |
| | | 10"Ø | 4'-0" | | 0-400 |
| | | 12"Ø | 4'-0" | | 0-600 |
| | | 8x8 | 8x8 | | 0-200 |
| | | 12x12 | 12x12 | | 0-450 |
| RETURN / OA | B ALUMINUM, EGGCRATE CEILING RETURN GRILLE, MODEL 50F | 16x16 | 16x16 | TITUS | 0-800 |
| | | 20x20 | 20x20 | | 0-1250 |
| | | 24x24 | 24x24 | | 0-1800 |
| | | 48x24 | 48x24 | | 0-3600 |
| | | 8x8 | 8x8 | | 0-150 |
| | E ALUMINUM, SINGLE-DEFLECTION CEILING RETURN GRILLE, MODEL 350FL | 12x12 | 12x12 | TITUS | 0-375 |
| | | 16x12 | 16x12 | | 0-650 |
| | | 16x16 | 16x16 | | 0-800 |
| | | 24x16 | 24x16 | | 0-1300 |
| | | 24x24 | 24x24 | | 0-1500 |
| | 48x24 | 48x24 | | 0-3000 | |

| SPLIT SYSTEM HEAT PUMP SCHEDULE | | | | | |
|--|---|----------------------|----------------------|----------------------|----------------------|
| SYSTEM NUMBER | AHUHP-1 | AHUHP-2 | AHUHP-3 | AHUHP-4 | AHUHP-5 |
| MANUFACTURER | CARRIER | CARRIER | CARRIER | CARRIER | CARRIER |
| NOMINAL TONS | 5 | 5 | 5 | 5 | 3.5 |
| SYSTEM SEER / EER | 14.0 / 8.2 | 14.0 / 8.2 | 14.0 / 8.2 | 14.0 / 8.2 | 14.0 / 8.2 |
| INDOOR UNIT No. | AHU-1 | AHU-2 | AHU-3 | AHU-4 | AHU-5 |
| SUPPLY AIRFLOW (cfm) | 1875 | 2000 | 2100 | 2000 | 1400 |
| OUTSIDE AIRFLOW (cfm) | 175 | 275 | 75 | 125 | 155 |
| EXT. STATIC (in. w.g.) | 0.6" | 0.6" | 0.6" | 0.6" | 0.6" |
| EVAP. FAN HP | 3/4 | 3/4 | 3/4 | 3/4 | 1/2 |
| ELEC. HEAT AT 230 V (Kw) | 10 | 10 | 10 | 10 | 10 |
| UNIT VOLTS/PHASE | 230/1 | 230/1 | 230/1 | 230/1 | 230/1 |
| ENT. AIR TEMP. DBWB (DEG F) | 75/63 | 75/63 | 75/63 | 75/63 | 75/63 |
| NET TOTAL COOLING (BTU/H) | 60000 | 60000 | 60000 | 60000 | 42000 |
| NET TOTAL SENSIBLE COOLING (BTU/H) | 42600 | 42600 | 42600 | 42600 | 30750 |
| REVERSE CYCLE HEATING (BTU/H) | 58000 | 58000 | 58000 | 58000 | 46000 |
| MCA/MCOP | 57.5 / 60 | 57.5 / 60 | 57.5 / 60 | 57.5 / 60 | 55.1 / 60 |
| MODEL No. | FX4CNF060010 | FX4CNF060010 | FX4CNF060010 | FX4CNF060010 | FX4CNF042010 |
| OUTDOOR UNIT No. | HP-1 | HP-2 | HP-3 | HP-4 | HP-5 |
| AMBIENT TEMP. (DEG. F) | 95 | 95 | 95 | 95 | 95 |
| UNIT VOLTAGE/PHASE | 208-230/1 | 208-230/1 | 208-230/1 | 208-230/1 | 208-230/1 |
| MCA/MCOP | 32.0 / 50 | 32.0 / 50 | 32.0 / 50 | 32.0 / 50 | 24.0 / 40 |
| MODEL No. | 25HCE460A0030 | 25HCE460A0030 | 25HCE460A0030 | 25HCE460A0030 | 25HCE442A0030 |
| REFRIGERANT | R-410A | R-410A | R-410A | R-410A | R-410A |
| Notes: | 1,2,3,4,5,6,7,8,9,10 | 1,2,3,4,5,6,7,8,9,10 | 1,2,3,4,5,6,7,8,9,10 | 1,2,3,4,5,6,7,8,9,10 | 1,2,3,4,5,6,7,8,9,10 |
| NOTE: | EQUAL PRODUCTS OF TRANE, BRYANT OR GOODMAN MAY BE SUBMITTED FOR REVIEW. | | | | |
| 1. PROVIDE AHU WITH SINGLE POINT POWER CONNECTION; COORD. WITH ELEC. CONTRACTOR. | | | | | |
| 2. PROVIDE INTEGRAL ELECTRICAL DISCONNECT SWITCH WITH EACH UNIT. | | | | | |
| 3. ELECTRONIC 7-DAY PROGRAMMABLE THERMOSTAT | | | | | |
| 4. TIME DELAY RELAY & TX VALVE | | | | | |
| 5. FILTER RACK W 1" MERV-6 FILTERS | | | | | |
| 6. FILTER DRIER | | | | | |
| 7. COMPRESSOR START ASSIST | | | | | |
| 8. HIGH & LOW PRESSURE SWITCHES | | | | | |
| 9. CRANKCASE HEATER | | | | | |
| 10. SIZE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. | | | | | |

| ASHRAE 62.1 VENTILATION AND AIR BALANCE CALCULATION | | | | | | | | | | | | |
|---|------------------|-----------|---------------------------------|-------------------------------|--------------|------------|---------------|------------|---|--|---|--------------------|
| 1649 ATLANTIC BLVD OFFICE RENOVATION | | | | | | | | | | | | |
| ROOM / ZONE | AREA OR ROOM NO. | AREA (SF) | DEFAULT OCCUPANCY (QTY/1000 SF) | CALCULATED OCCUPANCY (PEOPLE) | Rp (CFM / P) | Vbzp (CFM) | Ra (CFM / SF) | Vbza (CFM) | VENTILATION REQUIREMENT Vbz=Vbzp+Vbza (CFM) | Ez ZONE AIR DISTRIBUTION EFFECTIVENESS | Vbz CORRECTED VENTILATION REQUIREMENT (CFM) | EXHAUST RATE (CFM) |
| First Floor | 3070 | 7 | 21 | 5 | 107 | 184 | 0.06 | 292 | 1 | 291 | 210 | |
| Second Floor | 3151 | 7 | 22 | 5 | 110 | 189 | 0.06 | 299 | 1 | 299 | 140 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTAL | 6221 | | 44 | | 218 | | | 591 | 1 | 590 | 350 | |
| TOTAL VENTILATION AIR REQUIREMENT | | | | | | | | | | | 590 | |
| TOTAL EXH. RATE PLUS 5% | | | | | | | | | | | 368 | |
| FINAL VENT. REQUIREMENT (Greater of Above) | | | | | | | | | | | 590 | |
| TOTAL VENTILATION AIR PROVIDED | | | | | | | | | | | 625 | |

Date: 19-Apr-22



| No. | Date | By | Description |
|-----|----------|-----|-------------|
| 01 | 04-22-22 | JBS | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |



| |
|----------------------------|
| Project Number: 22.0017.00 |
| Drawn By: MEM |
| Checked By: JBS |
| Project Name: |
| 1649 ATLANTIC |
| OFFICE RENOVATION |
| JACKSONVILLE, FL |
| Drawing Name: |
| LIGHTING CONTROL |
| SCHEDULE |

| LIGHTING CONTROL SCHEDULE - 1ST FLOOR | | | | | | | | | | | | | |
|---------------------------------------|------------------|-----------|-----------------|-------------------|-------|-------------|----------------|----------------|-------------|--------|---------------|-------|---------------|
| ROOM NUMBER | ROOM NAME | OCCUPANCY | SENSOR MOUNTING | OCCUPANCY/VACANCY | KEYED | ZONE NUMBER | ZONE | SWICHED/DIMMED | SWITCH TYPE | DIMMER | CONTROL POINT | ZONES | KEYED CONTROL |
| 100/200 | STAIRS | LV | CEILING | OCCUPANCY | | 1 | ALL LTS | S | M | | 1 | 1 | |
| | | | | | | | | | | | 2 | 1 | |
| 101 | MAIN ENTRY | LV | CEILING | OCCUPANCY | | 1 | ALL LTS | S | M | | 1 | 1 | |
| | | | | | | | | | | | | | |
| 102 | WAITING | DLM | CEILING | OCCUPANCY | | 1 | PENDANT | D | D | UNV | 1 | 1,2 | |
| | | | | | | 2 | DOWNLIGHTS | D | D | 0-10V | | | |
| 103 | CONFERENCE | DLM | CEILING | VACANCY | | 1 | PENDANTS | D | D | UNV | 1 | 1 | |
| | | | | | | 2 | DOWNLIGHTS | D | D | 0-10V | | | |
| | | | | | | 3 | COVE | D | D | 0-10V | | | |
| | | | | | | 4 | PUCK | D | D | UNV | | | |
| 104 | OPEN OFFICE | LV | CEILING | OCCUPANCY | | 1 | ALL LTS | S | M | | 1 | 1 | |
| 105A, 105B | OFFICE | WS | WALL | VACANCY | | 1 | ALL LTS | S | WS | | 1 | 1 | |
| 106 | BREAK ROOM | DLM | CEILING | OCCUPANCY | | 1 | CYLINDERS | D | D | 0-10V | 1 | 1,2,3 | |
| | | | | | | 2 | TABLE PENDANTS | D | D | UNV | | | |
| | | | | | | 3 | TAPE | D | D | UNV | | | |
| 107, 108, 109 | CORRIDORS | LV | CEILING | OCCUPANCY | | 1 | ALL LIGHTS | S | M | | 1 | 1 | |
| | | | | | | | | | | | 2 | 1 | |
| 110, 111 | CLOSETS | WS | WALL | VACANCY | | 1 | ALL LTS | S | WS | | 1 | 1 | |
| | | | | | | | | | | | | | |
| 112 | FITNESS | LV | WALL | VACANCY | | 1 | ALL LTS | S | M | | 1 | 1 | |
| | | | | | | | | | | | | | |
| 113, 114, 115 | RESTROOMS | WS | WALL | VACANCY | | 1 | ALL LTS | S | WS | | 1 | 1 | |
| | | | | | | | | | | | | | |
| 116 | MECH/ELEC CLOSET | M | WALL | N/A | | 1 | ALL LTS | S | T | | 1 | 1 | |

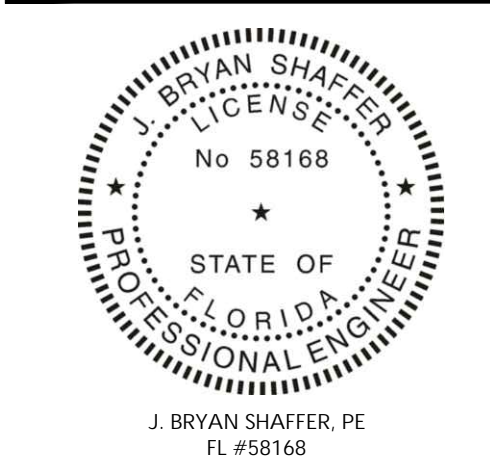
| LEGEND | | | |
|---|--------------------------|-------------------------|--------------------|
| SENSOR TYPE | SWITCHED / DIMMED | SWITCH TYPE | DIMMER TYPE |
| LV - 24V DUAL TECHNOLOGY SENSOR WITH POWER PACKS AND ACCESSORIES AS REQUIRED | S - SWITCHED | T - SINGLE POLE TOGGLE | UNV - UNIVERSAL |
| DLM - DLM DUAL TECHNOLOGY SENSORS WITH ROOM CONTROLLERS AND ACCESSORIES AS REQUIRED | D - DIMMED | F - FAN CONTROLLER | 10 - 0-10V |
| WS - DUAL TECHNOLOGY WALL SWITCH SENSOR (LINE VOLTAGE) | | D - DIMMER | |
| M - MANUAL CONTROL | | M - MOMENTARY | |
| | | T3 - 3/4 WAY TOGGLE | |
| | | WS - WALL SWITCH SENSOR | |

| GENERAL NOTES |
|---|
| A. PROVIDE LINE VOLTAGE OR 24V LIGHTING CONTROL SYSTEMS AS INDICATED, BY WATTSTOPPER OR EQUIVALENT. PROVIDE MANUFACTURER CREATED LIGHTING CONTROL DRAWINGS FOR APPROVAL AS PART OF THE LIGHTING SUBMITTAL PACKAGE. |
| B. LUMINAIRES HAVING 0-10V DIMMING DRIVERS WITH 0-10V DIMMING CONTROL REQUIRE A SEPARATE 0-10V DIMMING CABLE, SUCH AS "30MIL-PVC-JACKETED 16/2 CU - PUR/GRY - TYPE TFN" CONTROL CABLE, RUN FROM THE CONTROL DEVICE TO THE LUMINAIRE. WHERE MC CABLE IS USED, COMBINATION POWER & SIGNAL/CONTROL CABLE HAVING INTEGRAL "30MIL-PVC-JACKETED 16/2 CU - PUR/GRY - TYPE TFN" CABLE, EQUIVALENT TO SOUTHWIRE "MC-PCS DUO" PRODUCT, MAY BE USED. |
| C. CEILING FANS ARE CONTROLLED BY A SEPARATE FAN CONTROL SWITCH. INSTALL FAN CONTROL SWITCH AFTER INSTALLATION OF ALL ROOM LIGHTING CONTROLS. INSTALL AND CONNECT SUCH THAT LIGHTING CONTROLS ALSO SHUT DOWN POWER TO CEILING FANS. |
| D. ROOMS HAVING ONLY WALL SWITCH SENSORS OR WALL-MOUNTED TOGGLE SWITCHES HAVE ALL CONTROL REQUIREMENTS INDICATED ON THE FLOOR PLANS AND ARE NOT REFERENCED IN THIS SCHEDULE. |
| E. PROVIDE LIGHTING CONTROLS PER CODE IN ALL AREAS. IF LIGHTING CONTROLS FOR ANY SPACE ARE NOT SHOWN ON SCHEDULE OR PLANS, PROVIDE LIGHTING CONTROLS PER INDICATED INTENT OF OVERALL BUILDING CONTROL SCHEME DESIGN AND PER CODE. |
| F. VERIFY REQUIRED DIMMING TECHNOLOGY FOR EACH DIMMED LUMINAIRE OR LAMP TYPE PRIOR TO ORDERING OF DIMMING COMPONENTS AND INSTALLATION. ENSURE THAT DIMMING TECHNOLOGY APPLIED MATCHES REQUIREMENTS OF LUMINAIRES AND LAMPS. |
| G. IN ROOMS HAVING CEILING FANS, INSTALL OCCUPANCY SENSORS WALL-MOUNTED AT 10' AFF OR 1-FOOT BELOW FINISHED CEILING, WHICHEVER IS LOWER. |
| H. INTERLOCK ALL CORRIDOR LIGHTING CONTROLS WITH FIRE ALARM SUCH THAT LIGHTING ALONG ALL PATHS OF EGRESS ARE TURNED "ON" DURING FIRE ALARM CONDITION. |
| KEYED NOTES |
| 1. TBD |

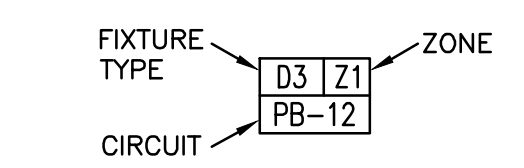
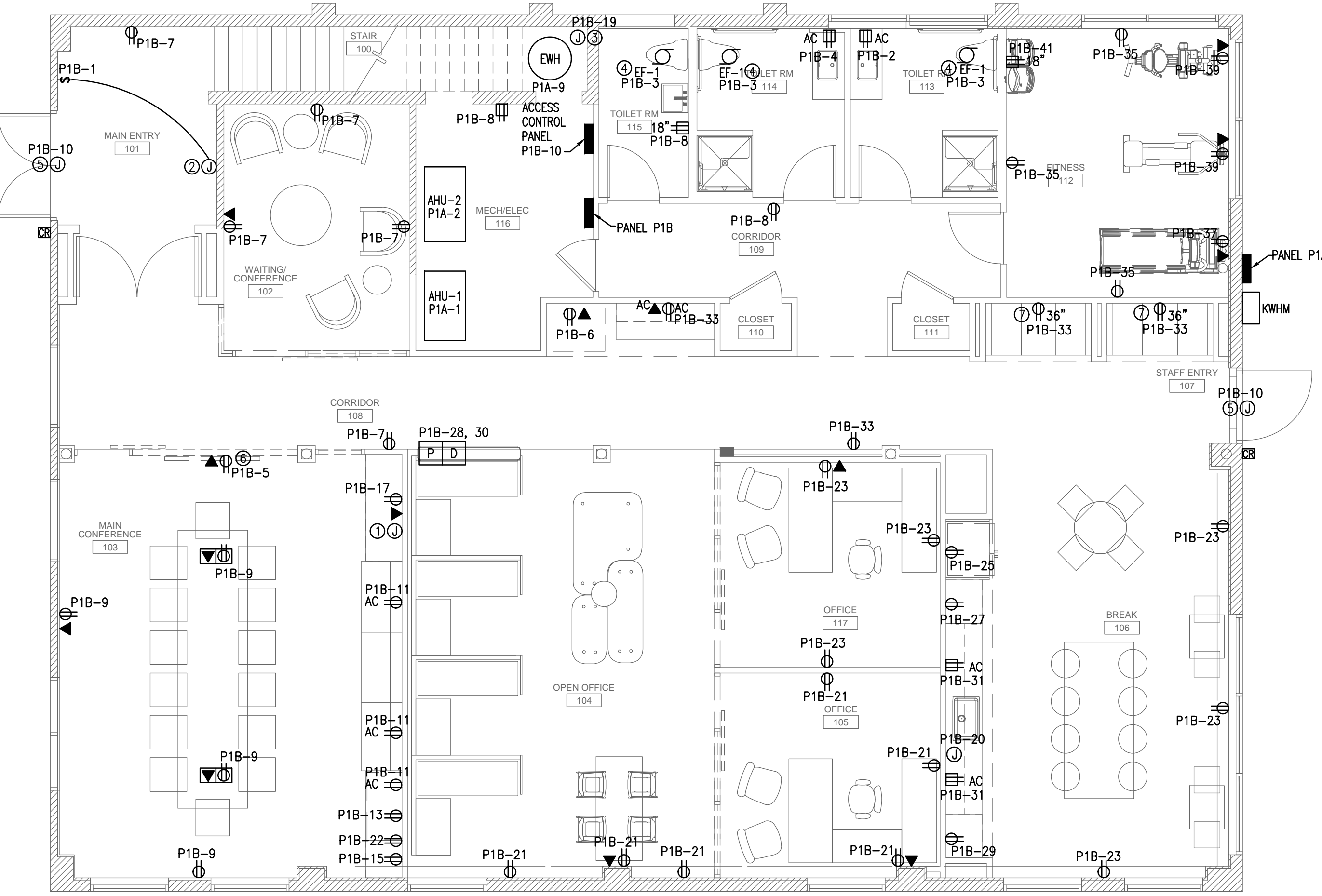
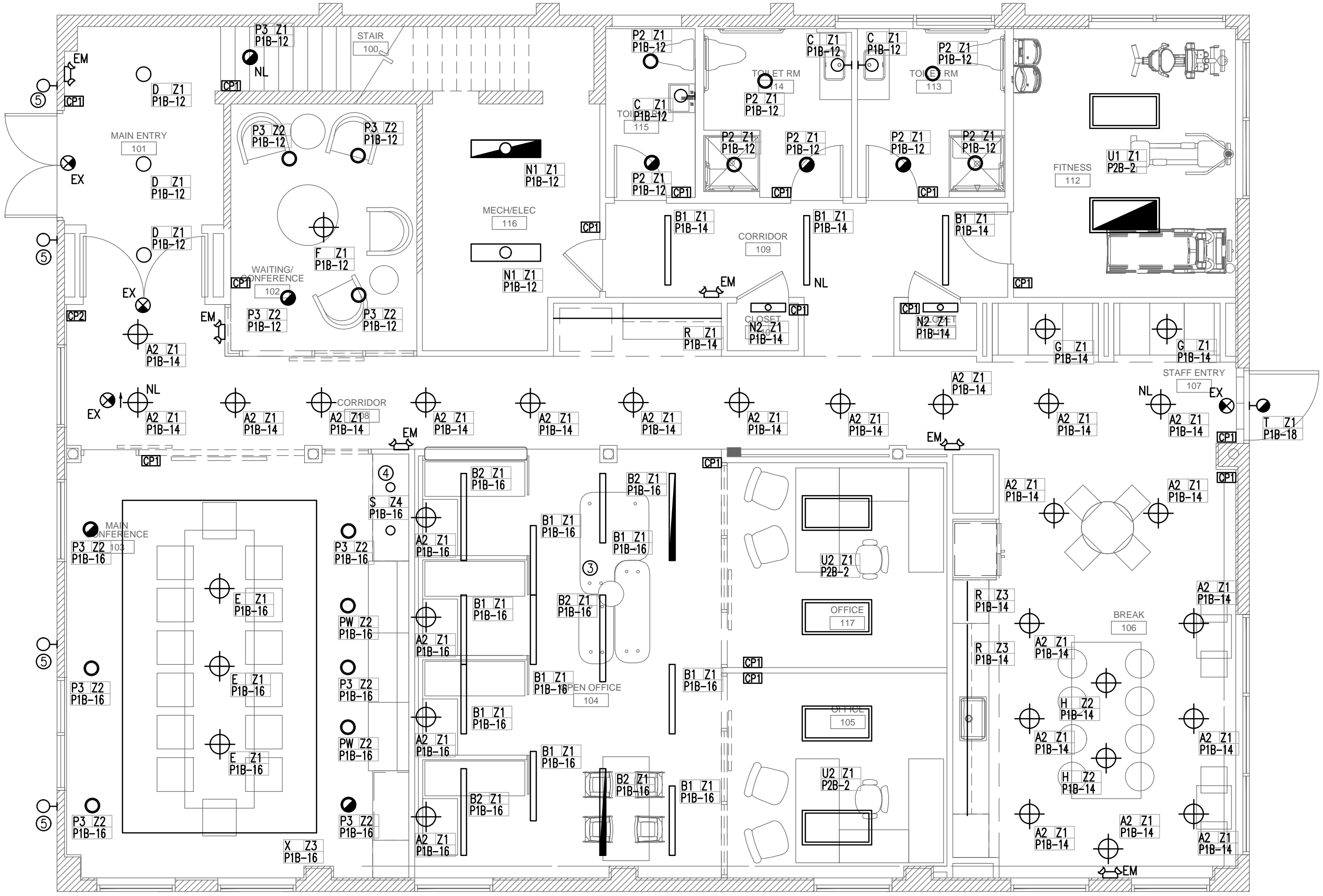
| LIGHTING CONTROL SCHEDULE - 2ND FLOOR | | | | | | | | | | | | | |
|---------------------------------------|-------------|-----------|-----------------|-------------------|-------|-------------|--------------|----------------|-------------|--------|---------------|-------|---------------|
| ROOM NUMBER | ROOM NAME | OCCUPANCY | SENSOR MOUNTING | OCCUPANCY/VACANCY | KEYED | ZONE NUMBER | ZONE | SWICHED/DIMMED | SWITCH TYPE | DIMMER | CONTROL POINT | ZONES | KEYED CONTROL |
| 201, 202 | RESTROOMS | WS | WALL | VACANCY | | 1 | ALL LTS | S | WS | | 1 | 1 | |
| | | | | | | | | | | | | | |
| 203 | CONFERENCE | DLM | CEILING | VACANCY | | 1 | ALL LTS | D | D | 0-10V | 1 | 1 | |
| | | | | | | | | | | | | | |
| 204, 209 | CORRIDORS | LV | CEILING | OCCUPANCY | | 1 | DOWN/PENDANT | D | D | 0-10V | 1 | 1 | |
| | | | | | | 2 | TAPE | D | D | 0-10V | 2 | 1,2 | |
| 205, 206, 207, 208 | CLOSETS | WS | WALL | VACANCY | | 1 | ALL LTS | S | WS | | 1 | 1 | |
| | | | | | | | | | | | | | |
| 210, 211 | OPEN OFFICE | LV | CEILING | OCCUPANCY | | 1 | DOWNLIGHTS | D | D | 0-10V | 1 | 1 | |
| | | | | | | | | | | | 2 | 1 | |
| 212-218 | OFFICE | WS | WALL | VACANCY | | 1 | ALL LTS | S | WS | | 1 | 1 | |
| | | | | | | | | | | | | | |

| LEGEND | | | |
|---|--------------------------|-------------------------|--------------------|
| SENSOR TYPE | SWITCHED / DIMMED | SWITCH TYPE | DIMMER TYPE |
| LV - 24V DUAL TECHNOLOGY SENSOR WITH POWER PACKS AND ACCESSORIES AS REQUIRED | S - SWITCHED | T - SINGLE POLE TOGGLE | UNV - UNIVERSAL |
| DLM - DLM DUAL TECHNOLOGY SENSORS WITH ROOM CONTROLLERS AND ACCESSORIES AS REQUIRED | D - DIMMED | F - FAN CONTROLLER | 10 - 0-10V |
| WS - DUAL TECHNOLOGY WALL SWITCH SENSOR (LINE VOLTAGE) | | D - DIMMER | |
| M - MANUAL CONTROL | | M - MOMENTARY | |
| | | T3 - 3/4 WAY TOGGLE | |
| | | WS - WALL SWITCH SENSOR | |

| GENERAL NOTES |
|---|
| A. PROVIDE LINE VOLTAGE OR 24V LIGHTING CONTROL SYSTEMS AS INDICATED, BY WATTSTOPPER OR EQUIVALENT. PROVIDE MANUFACTURER CREATED LIGHTING CONTROL DRAWINGS FOR APPROVAL AS PART OF THE LIGHTING SUBMITTAL PACKAGE. |
| B. LUMINAIRES HAVING 0-10V DIMMING DRIVERS WITH 0-10V DIMMING CONTROL REQUIRE A SEPARATE 0-10V DIMMING CABLE, SUCH AS "30MIL-PVC-JACKETED 16/2 CU - PUR/GRY - TYPE TFN" CONTROL CABLE, RUN FROM THE CONTROL DEVICE TO THE LUMINAIRE. WHERE MC CABLE IS USED, COMBINATION POWER & SIGNAL/CONTROL CABLE HAVING INTEGRAL "30MIL-PVC-JACKETED 16/2 CU - PUR/GRY - TYPE TFN" CABLE, EQUIVALENT TO SOUTHWIRE "MC-PCS DUO" PRODUCT, MAY BE USED. |
| C. CEILING FANS ARE CONTROLLED BY A SEPARATE FAN CONTROL SWITCH. INSTALL FAN CONTROL SWITCH AFTER INSTALLATION OF ALL ROOM LIGHTING CONTROLS. INSTALL AND CONNECT SUCH THAT LIGHTING CONTROLS ALSO SHUT DOWN POWER TO CEILING FANS. |
| D. ROOMS HAVING ONLY WALL SWITCH SENSORS OR WALL-MOUNTED TOGGLE SWITCHES HAVE ALL CONTROL REQUIREMENTS INDICATED ON THE FLOOR PLANS AND ARE NOT REFERENCED IN THIS SCHEDULE. |
| E. PROVIDE LIGHTING CONTROLS PER CODE IN ALL AREAS. IF LIGHTING CONTROLS FOR ANY SPACE ARE NOT SHOWN ON SCHEDULE OR PLANS, PROVIDE LIGHTING CONTROLS PER INDICATED INTENT OF OVERALL BUILDING CONTROL SCHEME DESIGN AND PER CODE. |
| F. VERIFY REQUIRED DIMMING TECHNOLOGY FOR EACH DIMMED LUMINAIRE OR LAMP TYPE PRIOR TO ORDERING OF DIMMING COMPONENTS AND INSTALLATION. ENSURE THAT DIMMING TECHNOLOGY APPLIED MATCHES REQUIREMENTS OF LUMINAIRES AND LAMPS. |
| G. IN ROOMS HAVING CEILING FANS, INSTALL OCCUPANCY SENSORS WALL-MOUNTED AT 10' AFF OR 1-FOOT BELOW FINISHED CEILING, WHICHEVER IS LOWER. |
| H. INTERLOCK ALL CORRIDOR LIGHTING CONTROLS WITH FIRE ALARM SUCH THAT LIGHTING ALONG ALL PATHS OF EGRESS ARE TURNED "ON" DURING FIRE ALARM CONDITION. |
| KEYED NOTES |
| 1. TBD |

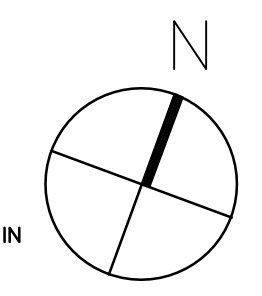


| Issues and Revisions | | |
|----------------------|----------|------------------|
| No. | Date | Description |
| 01 | 04.22.22 | JBS PERMIT SET |
| 02 | | |
| 03 | | |
| 04 | | |
| 05 | | |
| 06 | | |
| 07 | | |
| 08 | | |
| 09 | | |



**CIRCUIT / CONTROL
CALLOUT LEGEND**

NOTE
WHERE INFORMATION IS SAME FOR ALL LUMINAIRES IN SPACE, LEGEND MAY APPEAR ONLY ONCE IN SPACE VERSUS ADJACENT TO EACH LUMINAIRE.

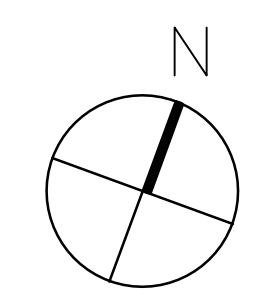


ELECTRICAL LIGHTING PLAN-1ST FLR

SCALE: 3/16"=1'-0"
PLAN NOTES:

- REFERENCE NOTE ON DRAWING
- PROVIDE CONSTANT HOT CONDUCTORS TO EXIT SIGNS AND EMERGENCY ONLY FIXTURES.
- PROVIDE SWITCHED AND CONSTANT HOT CONDUCTORS TO NORMAL LIGHTING FIXTURES WITH EMERGENCY BALLASTS.
- INSTALL A TBAR LED EMERGENCY BATTERY #TBEM-DIM-12-64-UNV TO POWER EMERGENCY FIXTURES. PROVIDE ONE BATTERY FOR EACH SPACE AND LOCATE IN ACCESSIBLE BUT CONCEALED CEILING SPACE.
- INSTALL A JUNO #TL602E-10W-120-12AC ELECTRONIC TRANSFORMER IN AN ACCESSIBLE BUT HIDDEN LOCATION. VERIFY LOCATION AND FINISH WITH INTERIOR DESIGNER.
- EXISTING EXTERIOR FIXTURE TO REMAIN. RECONNECT TO CIRCUIT P1B-38 W/ #12 WIRE IN 1/2" CONDUIT.

GENERAL NOTES
①②



ELECTRICAL POWER/SYSTEMS PLAN-1ST FLR

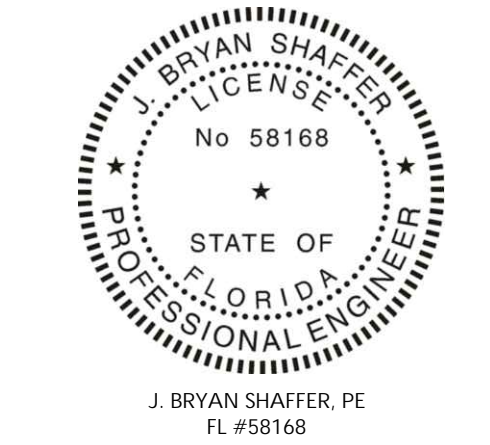
SCALE: 3/16"=1'-0"

PLAN NOTES:

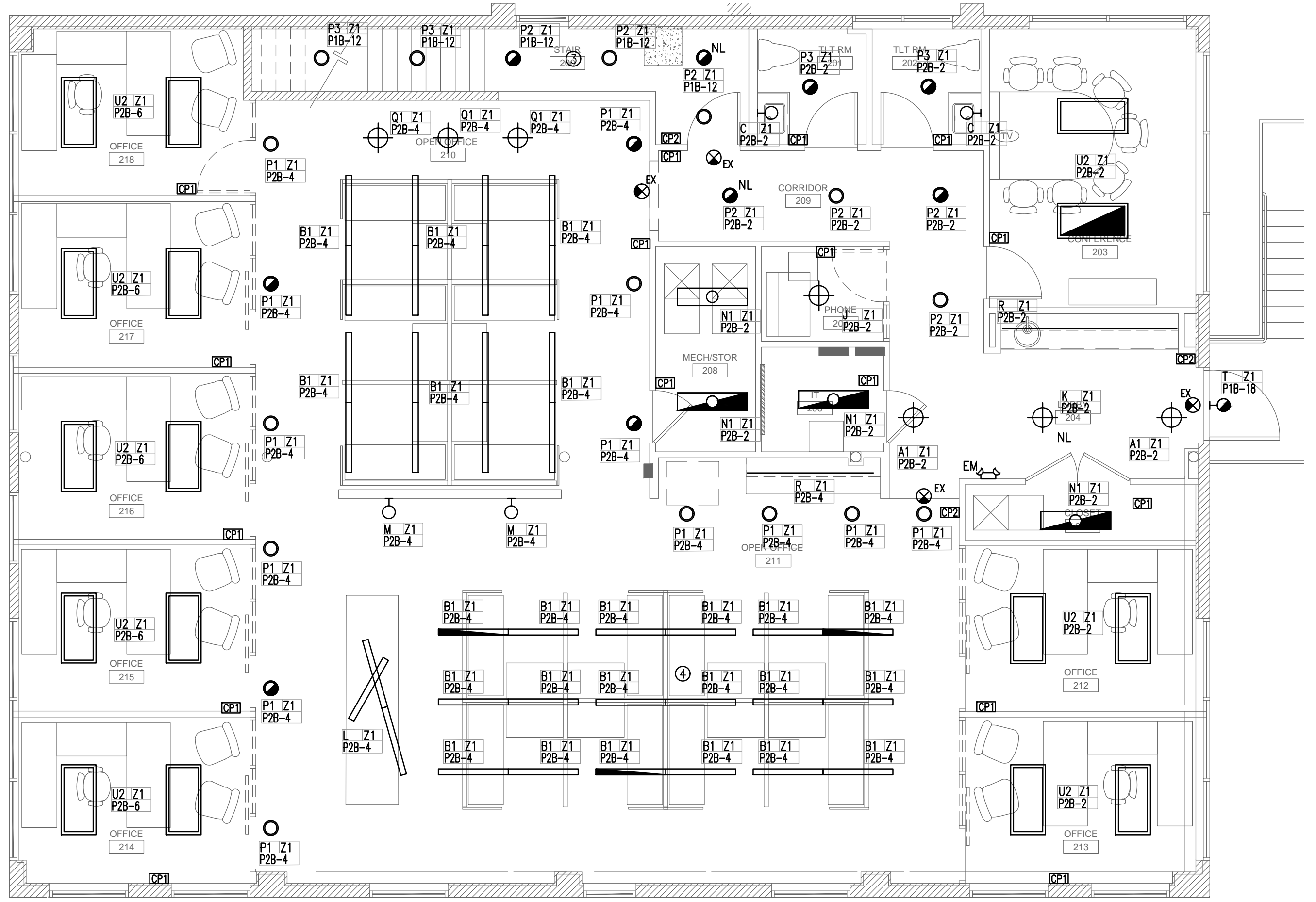
- REFERENCE NOTE ON DRAWING
- INSTALL A 4"x4" J-BOX WITH 2" C TO CEILING SPACE.
- J-BOX FOR CONNECTION TO SIGN. VERIFY EXACT MOUNTING LOCATION WITH INTERIOR DESIGN DRAWINGS. VERIFY EXACT REQUIREMENTS WITH SIGN INSTALLER.
- J-BOX FOR HOT WATER RECIRCULATION PUMP. VERIFY EXACT LOCATION AND REQUIREMENTS WITH MECHANICAL DRAWINGS AND CONTRACTOR.
- FAN CONTROLLED BY MOTION SENSOR. SENSOR PROVIDED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
- J-BOX FOR POWER TO ACCESS CONTROL SYSTEM. COORDINATE WITH SYSTEM INSTALLER FOR EXACT REQUIREMENTS.
- DEVICES FOR WALL MOUNTED TV. SEE ID DRAWINGS FOR MOUNTING HEIGHT.
- RECEPTACLE TO BE MOUNTED HORIZONTALLY. VERIFY EXACT MOUNTING REQUIREMENTS WITH INTERIOR DESIGNER PRIOR TO INSTALLATION.

VESTCOR

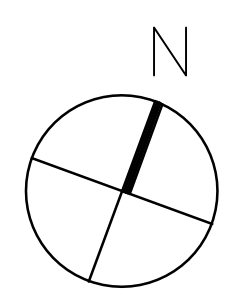
| | |
|-----------------|--|
| Project Number: | 22.0017.00 |
| Drawn By: | MEM |
| Checked By: | JBS |
| Project Name: | 1649 ATLANTIC OFFICE RENOVATION JACKSONVILLE, FL |
| Drawing Name: | ELECTRICAL PLANS 1ST FLOOR |



| Issues and Revisions | | |
|----------------------|----------|------------------|
| No. | Date | Description |
| 01 | 04.22.22 | JBS PERMIT SET |
| 02 | | |
| 03 | | |
| 04 | | |
| 05 | | |
| 06 | | |
| 07 | | |
| 08 | | |
| 09 | | |



GENERAL NOTES
①②

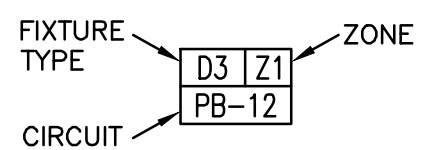


ELECT LIGHTING PLAN-2ND FLR

SCALE: 3/16"=1'-0"

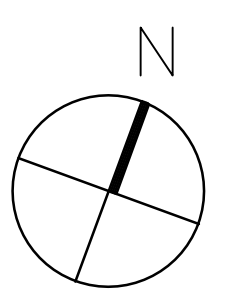
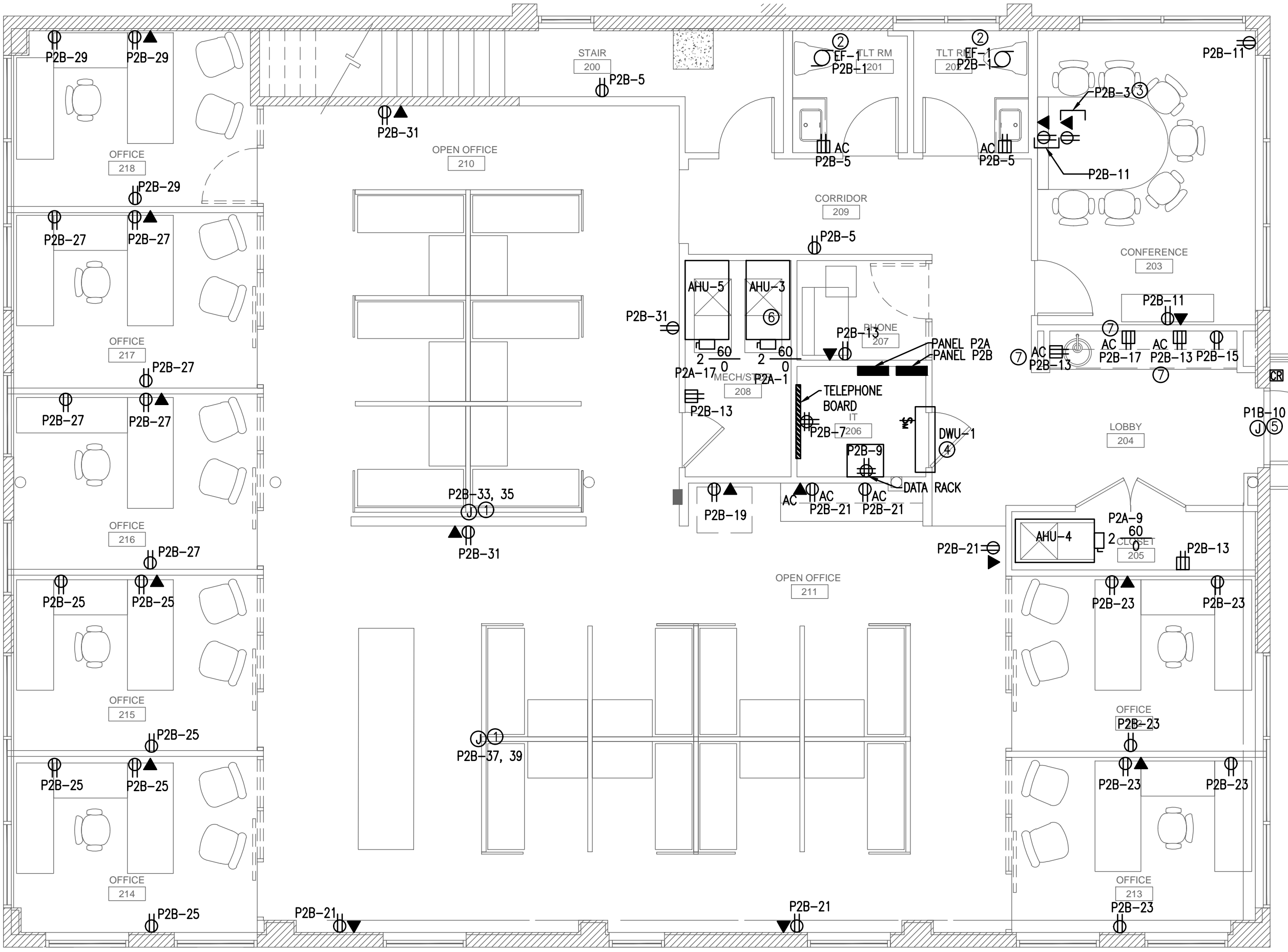
PLAN NOTES:

- ① REFERENCE NOTE ON DRAWING
- 1. PROVIDE CONSTANT HOT CONDUCTORS TO EXIT SIGNS AND EMERGENCY ONLY FIXTURES.
- 2. PROVIDE SWITCHED AND CONSTANT HOT CONDUCTORS TO NORMAL LIGHTING FIXTURES WITH EMERGENCY BALLASTS.
- 3. CONNECT TO STAIR LIGHTING ON LOWER LEVEL.
- 4. INSTALL A TBAR LED EMERGENCY BATTERY #TBEM-DIM-12-64-UNV TO POWER EMERGENCY FIXTURES. PROVIDE ONE BATTERY FOR EACH SPACE AND LOCATE IN ACCESSIBLE BUT CONCEALED CEILING SPACE.



**CIRCUIT / CONTROL
CALLOUT LEGEND**

NOTE
WHERE INFORMATION IS SAME FOR ALL LUMINAIRES IN SPACE, LEGEND MAY APPEAR ONLY ONCE IN SPACE VERSUS ADJACENT TO EACH LUMINAIRE.



ELECTRICAL POWER/SYSTEMS PLAN-2ND FLR

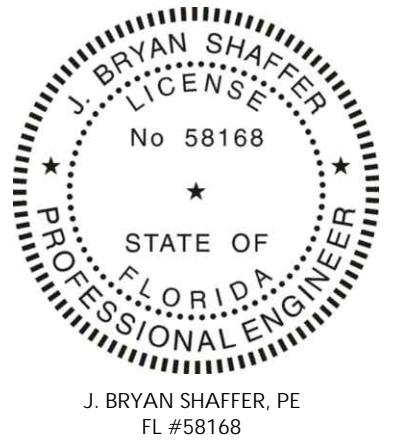
SCALE: 3/16"=1'-0"

PLAN NOTES:

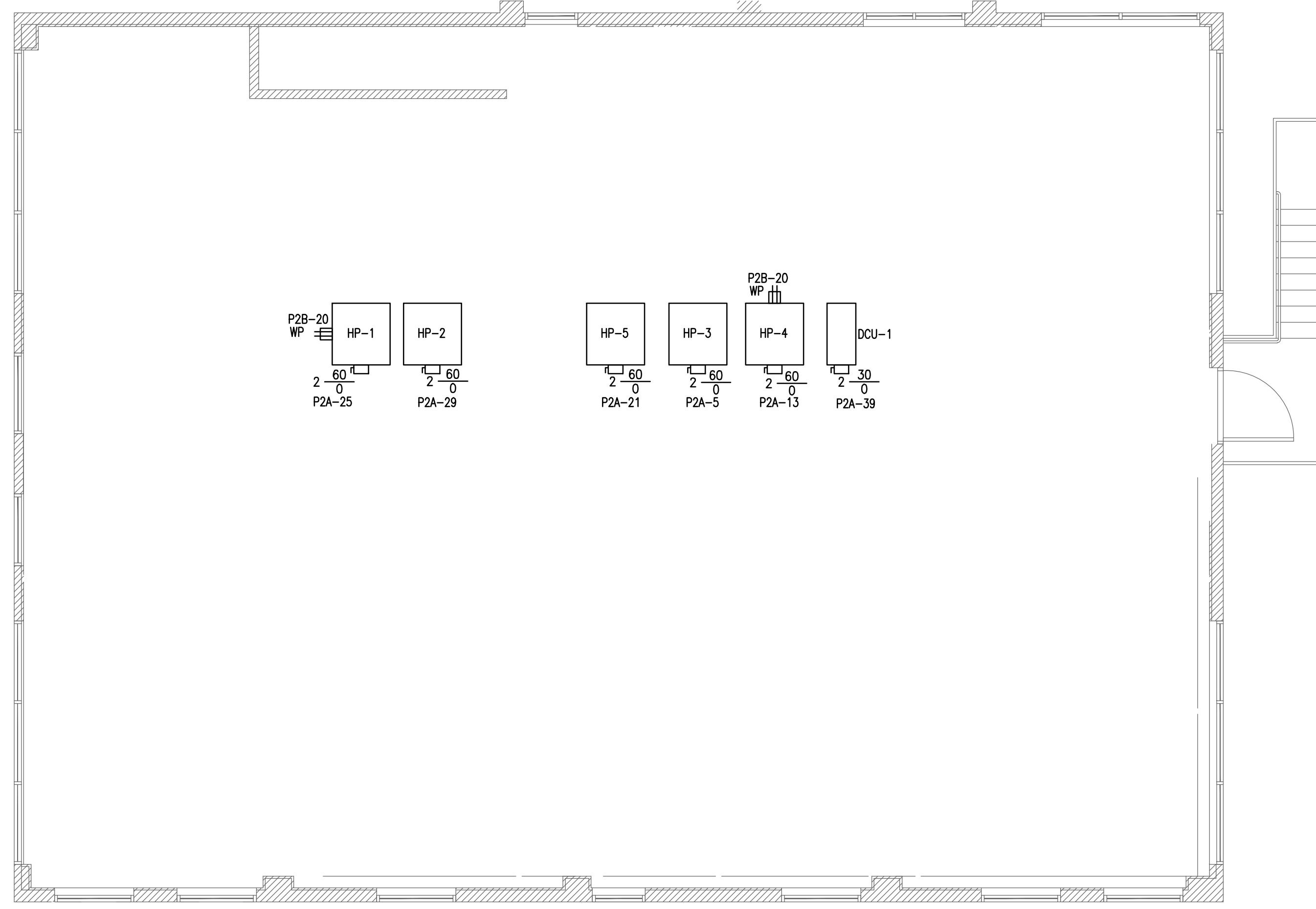
- ① REFERENCE NOTE ON DRAWING
- 1. INSTALL 2 CHANNEL WHITE POWER POLE FOR CONNECTION TO MODULAR FURNITURE.
- 2. FAN CONTROLLED BY MOTION SENSOR. SENSOR PROVIDED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
- 3. DEVICES FOR WALL MOUNTED TV. SEE ID DRAWINGS FOR MOUNTING HEIGHT.
- 4. INDOOR UNIT IS POWERED THROUGH OUTDOOR UNIT. VERIFY EXACT LOCATION AND REQUIREMENTS WITH MECHANICAL CONTRACTOR.
- 5. J-BOX FOR POWER TO ACCESS CONTROL SYSTEM. COORDINATE WITH SYSTEM INSTALLER FOR EXACT REQUIREMENTS.
- 6. INSTALL STAND ALONE DUCT SMOKE DETECTOR AND SHUTDOWN RELAY. PROVIDE VISUAL ANNUNCIATOR IN VISIBLE LOCATION.
- 7. RECEPTACLE TO BE MOUNTED HORIZONTALLY. VERIFY EXACT MOUNTING REQUIREMENTS WITH INTERIOR DESIGNER.

VESTCOR

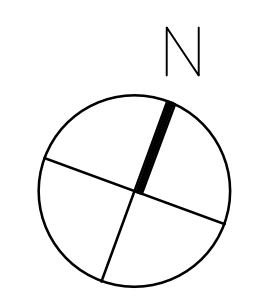
| | |
|-----------------|--|
| Project Number: | 22.0017.00 |
| Drawn By: | MEM |
| Checked By: | JBS |
| Project Name: | 1649 ATLANTIC OFFICE RENOVATION JACKSONVILLE, FL |
| Drawing Name: | ELECTRICAL PLANS 2ND FLOOR |



| Issues and Revisions | |
|----------------------|-------------|
| No. | Description |
| 01 | PERMIT SET |
| 02 | |
| 03 | |
| 04 | |
| 05 | |
| 06 | |
| 07 | |
| 08 | |
| 09 | |



GENERAL NOTES
①



ELECTRICAL PLAN-ROOF

SCALE: 3/16"=1'-0"

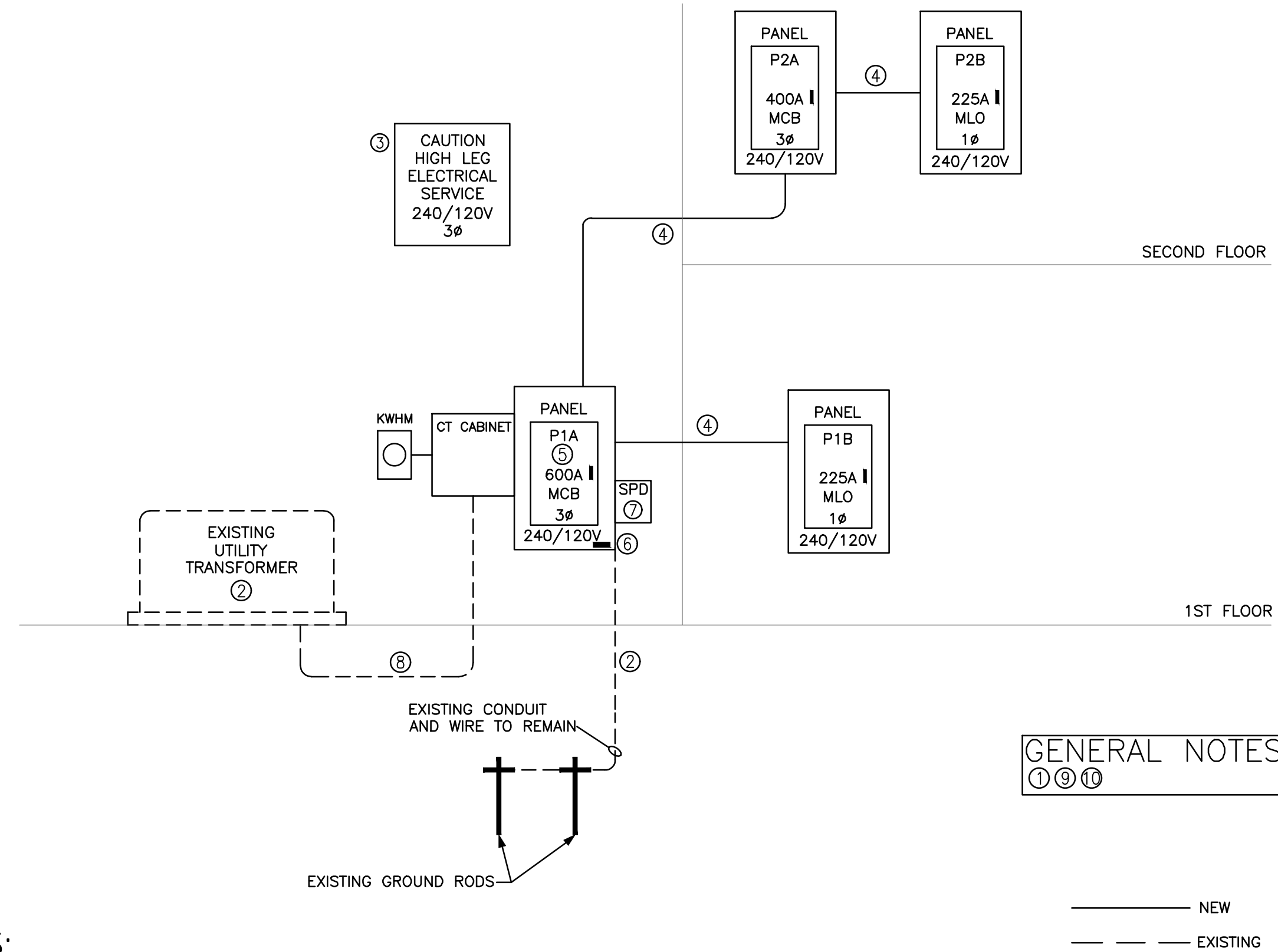
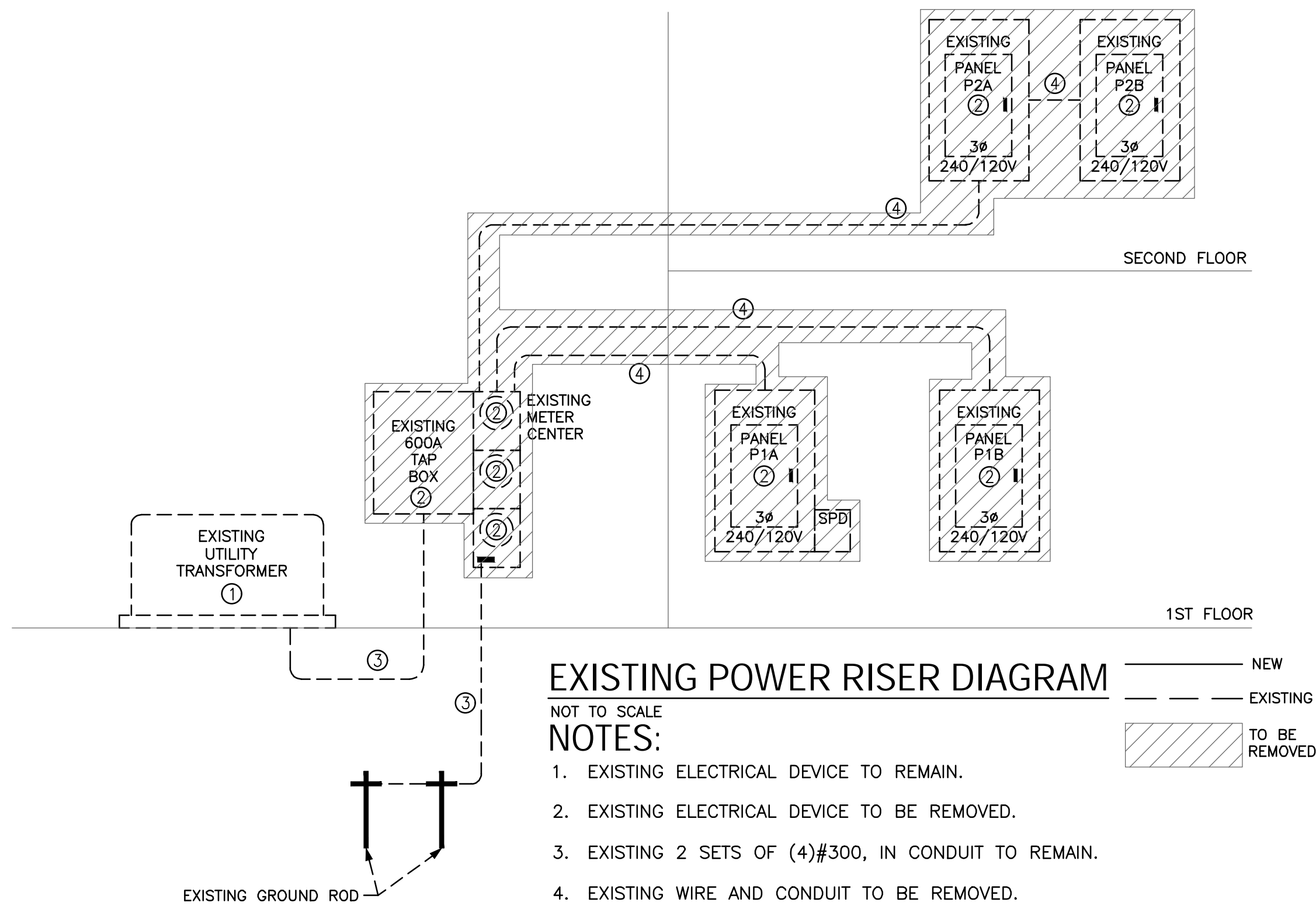
PLAN NOTES:

- ⊗ REFERENCE NOTE ON DRAWING
- 1. VERIFY EXACT REQUIREMENTS AND LOCATIONS WITH MECHANICAL DRAWINGS.

VESTCOR

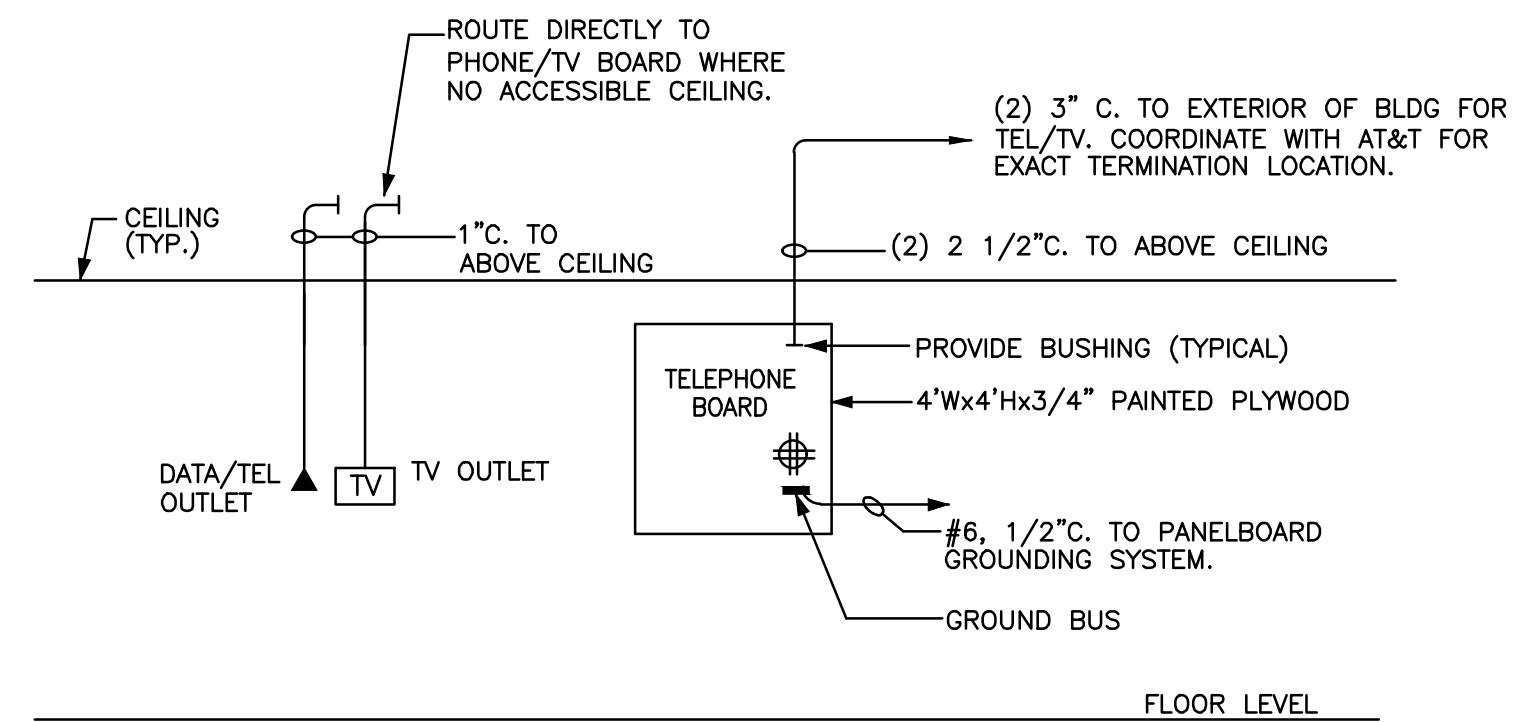
| | |
|-----------------|--|
| Project Number: | 22.0017.00 |
| Drawn By: | MEM |
| Checked By: | JBS |
| Project Name: | 1649 ATLANTIC OFFICE RENOVATION JACKSONVILLE, FL |
| Drawing Name: | ELECTRICAL PLAN ROOF |

E103



NOTES:

- ALL CONDUCTOR SIZES BASED ON COPPER CONDUCTORS
- EXISTING ELECTRICAL DEVICE TO REMAIN.
- PROVIDE BAKED ENAMEL WARNING LABEL ON PANEL STATING "CAUTION, B PHASE HAS 208 VOLTS TO GROUND AT EACH ELECTRICAL EQUIPMENT AREA.
- SEE PANEL SCHEDULE FOR WIRE AND CONDUIT REQUIREMENTS.
- PROVIDE BAKED ENAMEL SIGN INDICATING CALCULATED FAULT CURRENT AND DATE CALCULATED. CONTACT UTILITY FOR CALCULATED VALUE.
- INSTALL AN INTERSYSTEM GROUNDING TERMINAL AND CONNECT TO EXISTING GROUNDING SYSTEM.
- INSTALL ASCO #430(150KA) OR EQUAL SURGE PROTECTOR.
- EXISTING 2 SETS OF (4)#300, IN CONDUIT TO REMAIN.
- CONTRACTOR SHALL VISIT SITE AND COORDINATE WITH THE LOCAL ELECTRIC UTILITY/SITE ELECTRICAL PRIOR TO BIDDING. ALL REQUIREMENTS FOR THE NEW ELECTRICAL SERVICE SHALL BE INCLUDED IN THE CONTRACTORS BID
- INSTALL PHASE TAPE FOR HIGH LEG SYSTEM AS REQUIRED BY THE NEC.



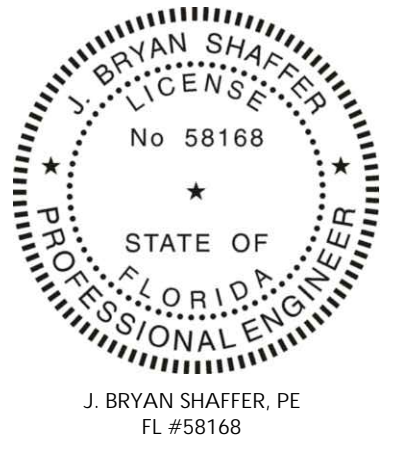
1520 Prudential Drive | Jacksonville, FL 32207
 904.353.5900 (t) 904.353.5968 (f)
 Email info@g4designinc.com | AA26001912

PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

DO NOT SCALE THE DRAWINGS. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. SCALE NOTED IS FOR FULL "ANSI-D" SIZE PRINTS.

CONTRACTOR SHALL CHECK & VERIFY ALL JOB SITE CONDITIONS.

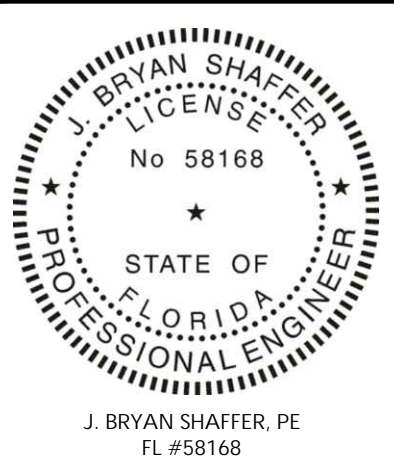
© 2022 Group 4 Design, Inc.



| Issues and Revisions | | Description |
|----------------------|----------|------------------|
| No. | Date | By |
| 01 | 04.22.22 | JBS PERMIT SET |
| 02 | | |
| 03 | | |
| 04 | | |
| 05 | | |
| 06 | | |
| 07 | | |
| 08 | | |
| 09 | | |

VESTCOR

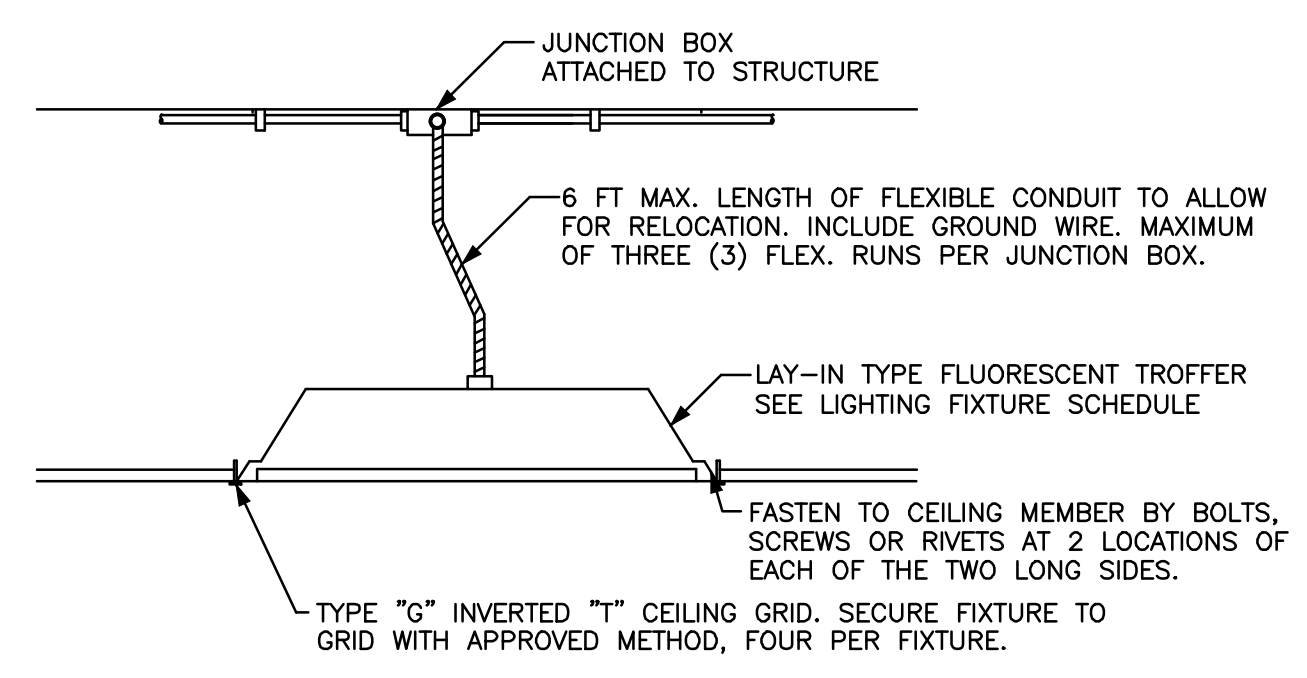
Project Number: 22.0017.00
 Drawn By: MEM
 Checked By: JBS
 Project Name:
 1649 ATLANTIC
 OFFICE RENOVATION
 JACKSONVILLE, FL
 Drawing Name:
 ELECTRICAL RISER DIAGRAMS
 AND DETAILS



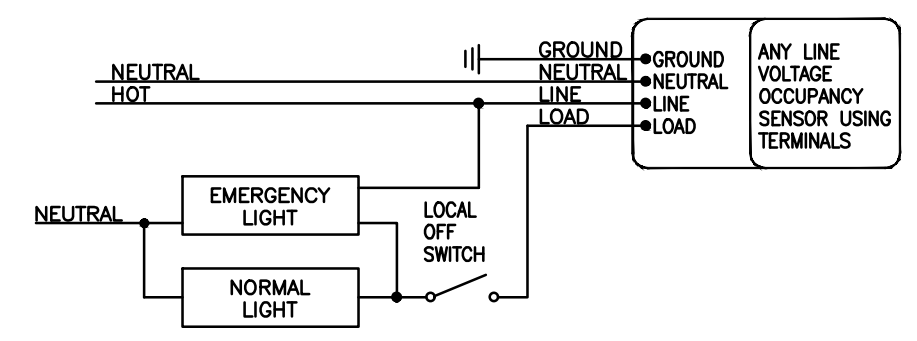
| No. | Date | By | Description |
|-----|----------|-----|-------------|
| 01 | 04-22-22 | JBS | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

VESTCOR

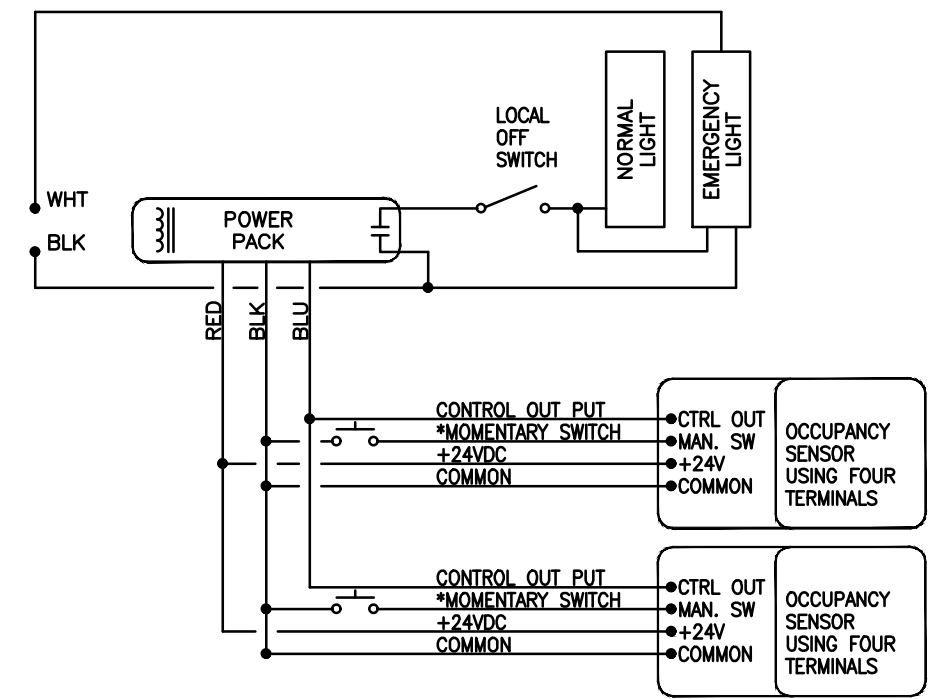
| | |
|-----------------|--|
| Project Number: | 22.0017.00 |
| Drawn By: | MEM |
| Checked By: | JBS |
| Project Name: | 1649 ATLANTIC OFFICE RENOVATION JACKSONVILLE, FL |
| Drawing Name: | ELECTRICAL DETAILS |



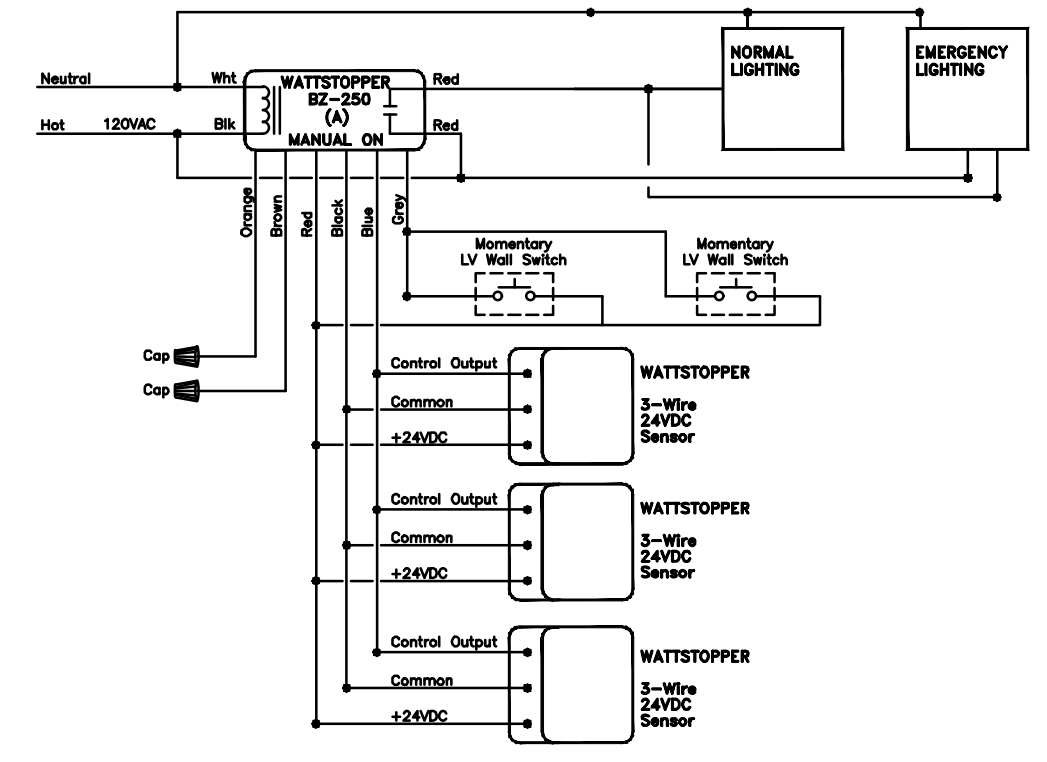
TYPICAL LAY-IN FIXTURE INSTALLATION - DETAIL



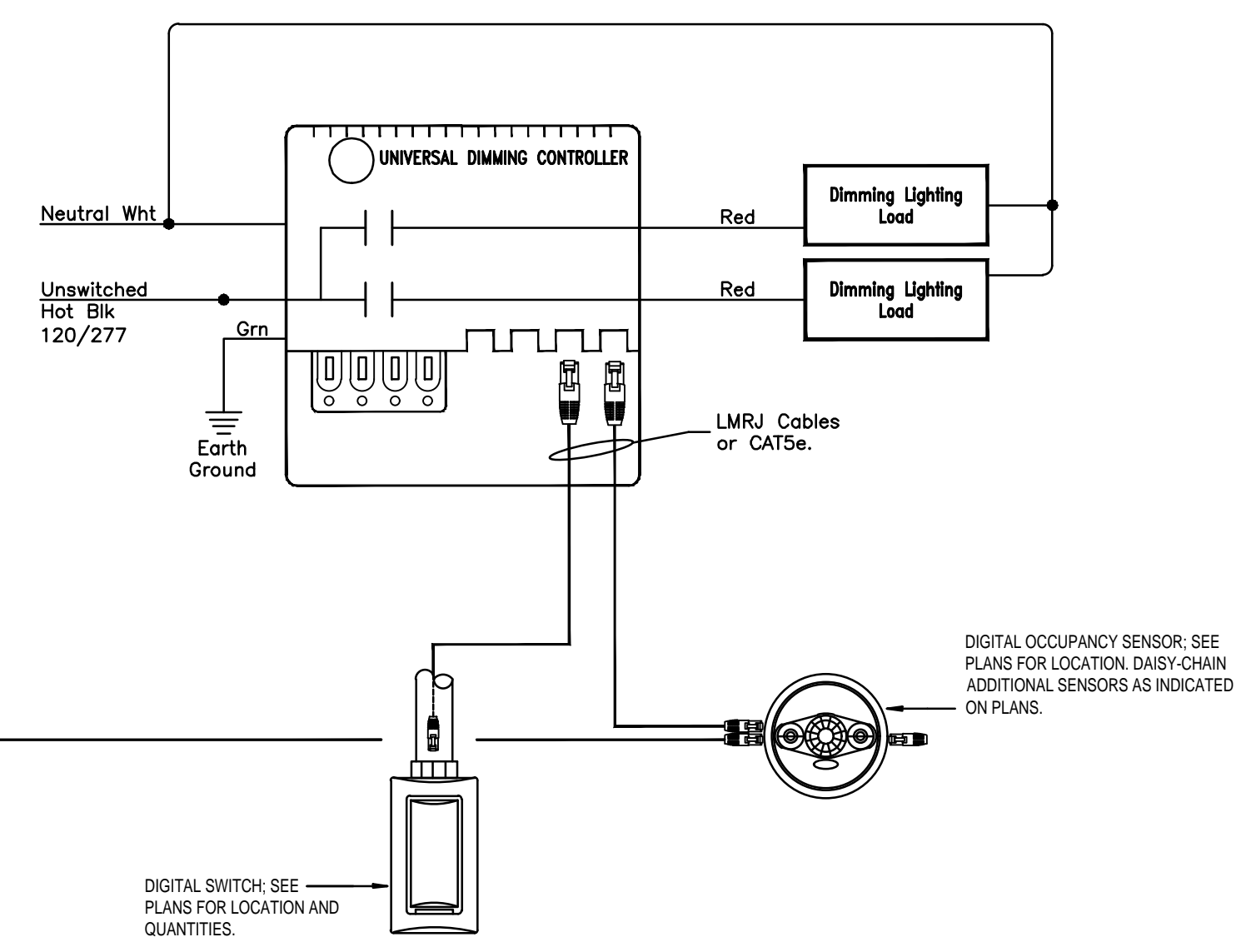
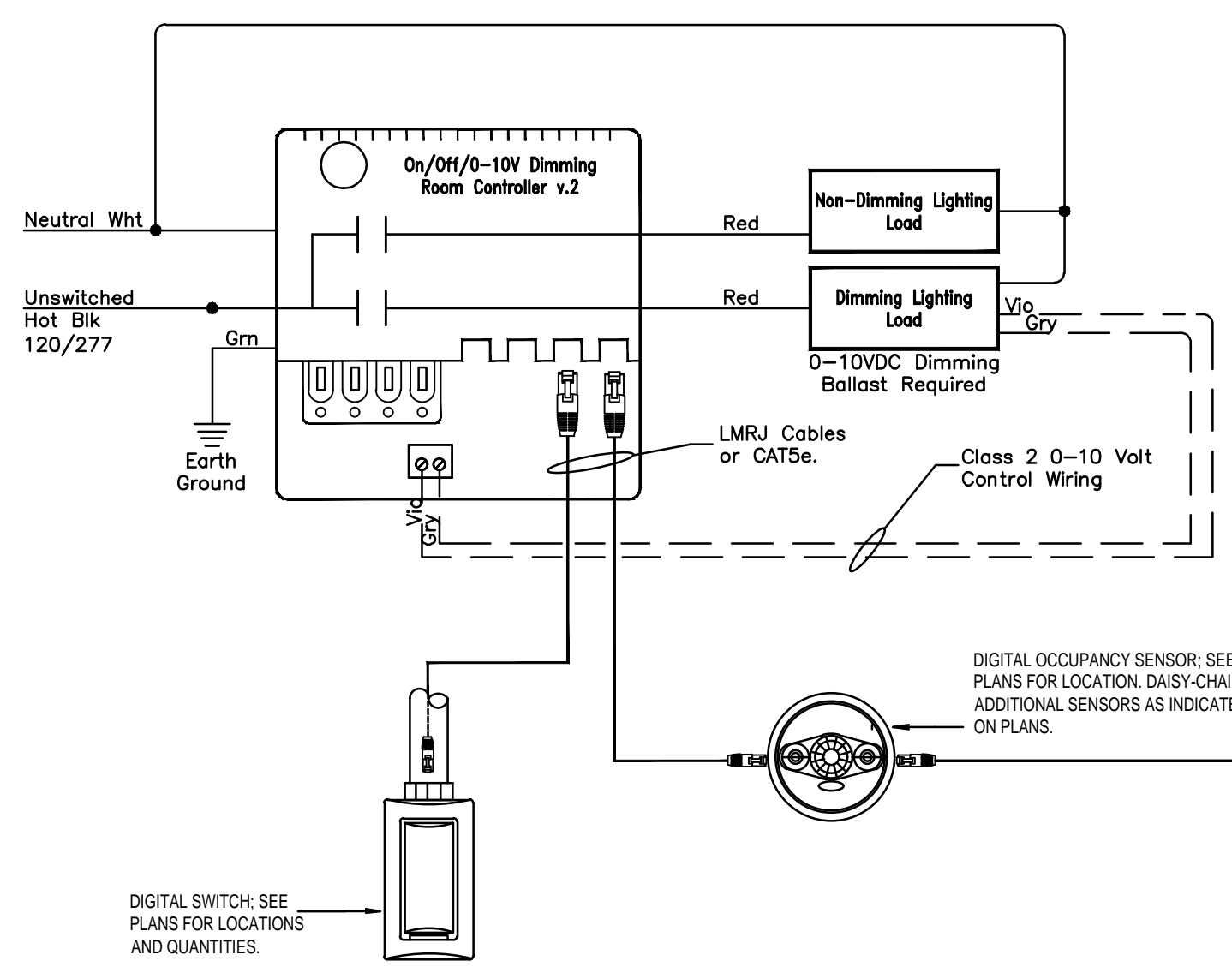
LINE VOLTAGE LIGHTING MOTION SENSOR DETAIL - WALL SWITCH



LIGHTING MOTION SENSOR DETAILS - WITH LINE VOLTAGE CONTROLS



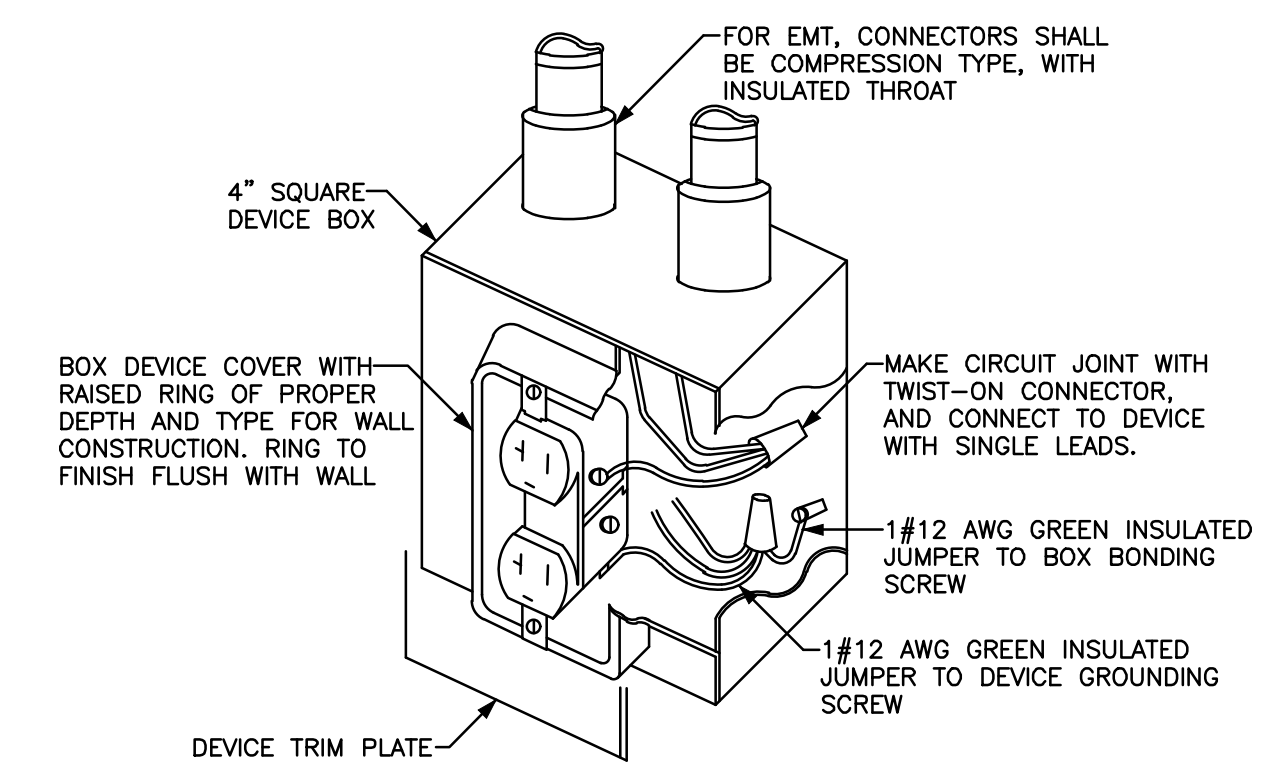
LOW VOLTAGE LIGHTING CONTROLS/MOTION SENSORS WITHOUT PLUGLOAD CONTROL



DLM DIMMING LIGHTING CONTROLS DETAIL
NOT TO SCALE

- NOTES:**
- ALL LINE VOLTAGE WIRING SHALL BE #12AWG AND ENCLOSED IN 1/2" CONDUIT.
 - NETWORK CABLE SHALL BE IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS. THE NETWORK CABLE SHALL BE PLENUM RATED FREE-WIRED ABOVE THE FINISHED CEILING, ROUTED PARALLEL AND PERPENDICULAR TO STRUCTURAL ELEMENTS. CABLE SHALL BE FASTENED TO THE STRUCTURE WITH APPROPRIATE CABLE TIES AT 3' INTERVALS. DO NOT FASTEN CABLE TO OTHER CONDUIT SYSTEMS. PROVIDE 3/4" CONDUIT FOR NETWORK CABLE FROM SWITCH TO ACCESSIBLE CEILING SPACE. PROVIDE INSULATED BUSHING AT CONDUIT TERMINATION IN CEILING SPACE.
 - ALL LOW VOLTAGE, CLASS II WIRING SHALL BE PER MANUFACTURER'S SPECIFICATIONS AND ENCLOSED IN 1/2" CONDUIT.
 - PROVIDE COVERS AND IDENTIFY JUNCTION BOXES PER SPECIFICATIONS.
 - PROVIDE IDENTIFICATION PLATE ON THE CEILING GRID INDICATING LOCATION OF DIGITAL DAYLIGHT CONTROLLER AND INPUT/OUTPUT INTERFACE DEVICE ABOVE.
 - DIMMING LEVELS SHALL BE FIELD SET TO LEVELS AS REQUIRED.
 - PROVIDE CONSTANT HOT CIRCUIT CONDUCTOR TO FIXTURES DESIGNATED FOR EMERGENCY LIGHTING THAT ARE EQUIPPED WITH AN EMERGENCY BATTERY BALLAST.

EMERGENCY POWER FAILURE OPERATION DESCRIPTION
IN THE EVENT OF NORMAL POWER FAILURE, THE EMERGENCY LIGHTING FIXTURES SHALL SHUNT TO THE EMERGENCY SOURCE, BYPASSING THE OCCUPANCY SENSOR SWITCHES AND DAYLIGHT HARVESTING OPERATIONS.



TYPICAL DUPLEX RECEPTACLE INSTALLATION
NOT TO SCALE



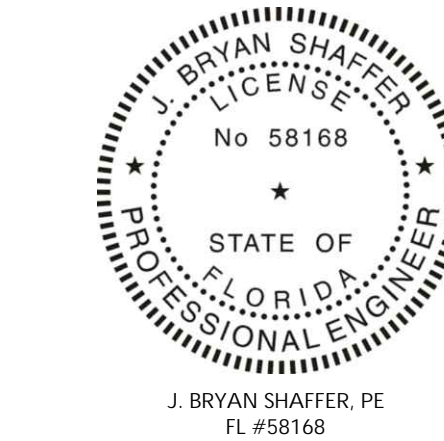
1520 Prudential Drive | Jacksonville, FL 32207
904.253.5900 (o) 904.253.5968 (f)
Email: info@g4designinc.com | AA26001912

PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED, OR IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

DO NOT SCALE THE DRAWINGS. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. SCALE NOTED IS FOR FULL "ANSI-D" SIZE PRINTS.

CONTRACTOR SHALL CHECK & VERIFY ALL JOB SITE CONDITIONS.

© 2022 Group 4 Design, Inc.



J. BRYAN SHAFFER, PE
FL #58168

| No. | Reviz/A | Date | By | Description |
|-----|---------|----------|-----|-------------|
| 01 | | 04.22.22 | JBS | PERMIT SET |
| 02 | | | | |
| 03 | | | | |
| 04 | | | | |
| 05 | | | | |
| 06 | | | | |
| 07 | | | | |
| 08 | | | | |
| 09 | | | | |



Project Number: 22.0017.00
Drawn By: MEM
Checked By: JBS
Project Name:
1649 ATLANTIC
OFFICE RENOVATION
JACKSONVILLE, FL
Drawing Name:
ELECTRICAL SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

SECTION 16050

BASIC ELECTRICAL MATERIALS AND METHODS

PART 1 GENERAL

1.1 SUMMARY

- A. GROUNDING AND BONDING.
- B. CONNECTION OF UTILIZATION EQUIPMENT.
- C. SUPPORTS.
- D. IDENTIFICATION.

1.2 SUBMITTALS

- A. PRODUCT DATA: FOR REVIEW; PROVIDE CATALOG DATA FOR GROUNDING AND BONDING DEVICES.

1.3 REGULATORY REQUIREMENTS

- A. CONFORM TO REQUIREMENTS OF NFPA 70.
- B. FURNISH PRODUCTS LISTED BY UL OR OTHER TESTING FIRM ACCEPTABLE TO AUTHORITY HAVING JURISDICTION.
- C. FLORIDA BUILDING CODE

1.4 PROJECT CONDITIONS

- A. VERIFY FIELD MEASUREMENTS AND CIRCUITING ARRANGEMENTS ARE AS SHOWN ON DRAWINGS.

PART 2 PRODUCTS

2.1 GROUNDING MATERIALS

- A. GROUND ROD: COPPER-CLAD STEEL 3/4-INCH DIAMETER 10 FEET LENGTH.
 - B. MECHANICAL CONNECTORS: BRONZE ABOVE GRADE ONLY.
 - C. EXOTHERMIC WELDS: BELOW GRADE CONNECTORS.
- 2.2 BASIC MATERIALS
- A. STEEL CHANNEL: GALVANIZED
 - B. MISCELLANEOUS HARDWARE: TREAT FOR CORROSION RESISTANCE.
 - C. NAMEPLATES: ENGRAVED THREE-LAYER LAMINATED PLASTIC, BLACK LETTERS ON WHITE BACKGROUND.
 - D. WIRE AND CABLE MARKERS: CLOTH MARKERS, SPLIT SLEEVE OR TUBING TYPE.

PART 3 EXECUTION

3.1 INSTALLATION

- A. INSTALL WORK ACCORDING TO NECA "STANDARD OF 2.5 BUILDING WIRE AND CABLE INSTALLATION."
- B. PROVIDE BONDING TO MEET REGULATORY REQUIREMENTS.
- C. MAKE ELECTRICAL CONNECTIONS TO UTILIZATION EQUIPMENT IN ACCORDANCE WITH EQUIPMENT MANUFACTURER'S INSTRUCTIONS.

1. VERIFY THAT WIRING AND OUTLET ROUGH-IN WORK IS COMPLETE AND THAT UTILIZATION EQUIPMENT IS READY FOR ELECTRICAL CONNECTION, WIRING, AND ENERGIZING.
2. MAKE WIRING CONNECTIONS IN CONTROL PANEL OR IN WIRING COMPARTMENT OF PRE-WIRED EQUIPMENT. PROVIDE INTERCONNECTING WIRING WHERE INDICATED.
3. INSTALL AND CONNECT DISCONNECT SWITCHES, CONTROLLERS, CONTROL STATIONS, AND CONTROL DEVICES AS INDICATED.
4. MAKE CONDUIT CONNECTIONS TO EQUIPMENT USING FLEXIBLE CONDUIT. USE LIQUIDTIGHT FLEXIBLE CONDUIT IN DAMP OR WET LOCATIONS.
5. INSTALL PRE-FABRICATED CORD SET WHERE CONNECTION WITH ATTACHMENT PLUG IS INDICATED OR SPECIFIED, OR USE ATTACHMENT PLUG WITH SUITABLE STRAIN-RELIEF CLAMPS.
6. PROVIDE SUITABLE STRAIN-RELIEF CLAMPS FOR CORD CONNECTIONS TO OUTLET BOXES AND EQUIPMENT CONNECTION BOXES.

- D. INSTALL SUPPORT SYSTEMS SIZED AND FASTENED TO ACCOMMODATE WEIGHT OF EQUIPMENT AND CONDUIT, INCLUDING WIRING, WHICH THEY CARRY.

3.2 EXAMINATION AND PREPARATION

A. SUPPORTS

1. FASTEN HANGER RODS, CONDUIT CLAMPS, AND OUTLET AND JUNCTION BOXES TO BUILDINGS STRUCTURE USING PRECAST INSERT SYSTEM BEAM CLAMPS.
 2. USE TOGGLE BOLTS OR HOLLOW WALL FASTENERS IN HOLLOW MASONRY, PLASTER, OR GYPSUM BOARD PARTITIONS AND WALLS; EXPANSION ANCHORS OR PRESET INSERTS IN SOLID MASONRY WALLS; SELF-DRILLING ANCHORS OR EXPANSION ANCHOR ON CONCRETE SURFACES; SHEET METAL SCREWS IN SHEET METAL STUDS; AND WOOD SCREWS IN WOOD CONSTRUCTION.
 3. DO NOT FASTEN SUPPORTS TO PIPING, CEILING SUPPORT WIRES, DUCTWORK, MECHANICAL EQUIPMENT, OR CONDUIT.
 4. DO NOT USE POWER-ACTUATED ANCHORS.
 5. DO NOT DRILL STRUCTURAL STEEL MEMBERS.
 6. FABRICATE SUPPORTS FROM STRUCTURAL STEEL OR STEEL CHANNEL.
- B. IDENTIFY ELECTRICAL DISTRIBUTION AND CONTROL EQUIPMENT, AND LOADS SERVED, TO MEET REGULATORY REQUIREMENTS AND AS SCHEDULED.

1. DEGREASE AND CLEAN SURFACES TO RECEIVE NAMEPLATES AND TAPE LABELS.

- 2. SECURE NAMEPLATES TO EQUIPMENT FRONTS USING SCREWS, RIVETS, OR ADHESIVE, WITH EDGES PARALLEL TO EQUIPMENT LINES. SECURE NAMEPLATE TO INSIDE FACE OF RECESSED PANELBOARD DOORS IN FINISHED LOCATIONS.

- 3. USE NAMEPLATES WITH 1/8 INCH LETTERING TO IDENTIFY INDIVIDUAL SWITCHES AND CIRCUIT BREAKERS, RECEPTACLE CIRCUITS, AND LOADS SERVED.

- 4. USE NAMEPLATES WITH 1/4 INCH TO IDENTIFY DISTRIBUTION AND CONTROL EQUIPMENT.

- C. INSTALL WIRE MARKERS ON EACH CONDUCTOR IN PANELBOARD GUTTERS, PULL BOXES, OUTLET AND JUNCTION BOXES, AND AT LOAD CONNECTIONS.

1. USE BRANCH CIRCUIT OR FEEDER NUMBER TO IDENTIFY POWER AND LIGHTING CIRCUITS.
2. USE CONTROL WIRE NUMBER AS INDICATED ON FROM FOUNDATION WALL: PLASTIC CONDUIT. PROVIDE EQUIPMENT MANUFACTURER'S SHOP DRAWINGS TO IDENTIFY CONTROL WIRING.

SECTION 16100

WIRING METHODS

PART 1 GENERAL

1.1 REGULATORY REQUIREMENTS

- A. CONFORM TO REQUIREMENTS OF NFPA 70.
- B. FURNISH PRODUCTS LISTED BY UL OR OTHER TESTING FIRM ACCEPTABLE TO AUTHORITY HAVING JURISDICTION.

PART 2 PRODUCTS

2.1 PRODUCT REQUIREMENTS

- A. USE ONLY SPECIFIED RACEWAY IN THE FOLLOWING LOCATIONS UNLESS DIRECTED OTHERWISE ON DRAWINGS:
 1. INSTALLATIONS IN OR UNDER CONCRETE SLAB, OR UNDERGROUND WITHIN 5 FEET FROM FOUNDATION WALL: PVC SCHEDULE 40 CONDUIT.
- 2. IN SLAB ABOVE GRADE: PLASTIC CONDUIT.
- 3. EXPOSED OUTDOOR LOCATIONS: RIGID STEEL CONDUIT OR ELECTRICAL METALLIC TUBING. USE THREADED OR RAINTIGHT FITTINGS.

- 4. WET INTERIOR LOCATIONS: RIGID STEEL CONDUIT OR ELECTRICAL METALLIC TUBING. USE THREADED OR RAINTIGHT FITTINGS FOR METAL CONDUIT.
- 5. DRY CONCEALED INTERIOR LOCATIONS: RIGID STEEL CONDUIT, ELECTRICAL METALLIC TUBING.
- 6. DRY EXPOSED INTERIOR LOCATIONS: RIGID STEEL CONDUIT, ELECTRICAL METALLIC TUBING.

B. USE WIRE AND CABLE IN LOCATIONS AS FOLLOWS:

- 1. ALL POWER WIRES AND CABLES SHALL BE IN RACEWAY
- C. USE NO WIRE SMALLER THAN 12 AWG FOR POWER AND LIGHTING CIRCUITS, AND NO SMALLER THAN 14 AWG FOR CONTROL WIRING. USE 10 AWG CONDUCTOR FOR 20 AMPERE, 120 VOLT BRANCH CIRCUIT HOME RUNS LONGER THAN 75 FEET; AND FOR 20 AMPERE.

2.2 CONDUIT AND FITTINGS

A. CONDUIT:

- 1. METAL CONDUIT AND TUBING: GALVANIZED STEEL.
- 2. FLEXIBLE CONDUIT: STEEL
- 3. LIQUID TIGHT FLEXIBLE CONDUIT: FLEXIBLE CONDUIT WITH PVC JACKET.
- 4. PLASTIC CONDUIT AND TUBING: NEMA TC 2, PVC. USE SCHEDULE 40 CONDUIT.

B. CONDUIT FITTINGS:

- 1. METAL FITTINGS AND CONDUIT BODIES: NEMA FB 1.
- 2. PLASTIC FITTINGS AND CONDUIT BODIES: NEMA TC 3.
- 3. EMT FITTINGS: STEEL COMPRESSION TYPE FOR WET LOCATION. SET SCREW FOR DRY LOCATION

2.3 ACCESS PANELS

- A. PROVIDE CEILING ACCESS PANELS FOR EQUIPMENT, DEVICES, BOXES AND OTHER LIKE ITEMS REQUIRING ADJUSTMENT, MAINTENANCE OR ACCESSIBILITY IF THEY ARE NOT LOCATED OVER LAY-IN TYPE CEILING OR ARE NOT OTHERWISE ACCESSIBLE. OBTAIN APPROVAL FROM ARCHITECT FOR TYPE AND LOCATION OF ACCESS PANELS.

2.4 ELECTRICAL BOXES

A. BOXES:

- 1. SHEET METAL: NEMA OS 1, GALVANIZED STEEL
- 2. CAST METAL: CAST FERALLYOL, DEEP TYPE, GASKETED COVER, THREADED HUBS.

2.5 BUILDING WIRE AND CABLE

- A. FEEDERS AND BRANCH CIRCUITS LARGER THAN 6 AWG: COPPER STRANDED CONDUCTOR, 600 VOLT INSULATION, THHN/THWN AND XHHW.
- B. FEEDERS AND BRANCH CIRCUITS 6 AWG AND SMALLER: COPPER CONDUCTOR, 600 VOLT INSULATION, THHN/THWN, XHHW 6 AND 8 AWG, STRANDED CONDUCTOR; SMALLER THAN 6 AWG, SOLID CONDUCTOR.

- C. CONTROL CIRCUITS: COPPER, STRANDED CONDUCTOR, 600 VOLT INSULATION, THW.

2.6 REMOTE CONTROL AND SIGNAL CABLE

- A. CONTROL CABLE FOR CLASS 1 REMOTE CONTROL AND SIGNAL CIRCUITS: COPPER CONDUCTOR, 600 VOLT INSULATION, RATED 60 DEGREE C, INDIVIDUAL CONDUCTORS TWISTED TOGETHER, SHIELDED, AND COVERED WITH PVC JACKET. (PLENUM RATED)

- B. CONTROL CABLE FOR CLASS 2 OR CLASS 3 REMOTE CONTROL AND SIGNAL CIRCUITS: COPPER CONDUCTOR, 300 VOLT INSULATION, RATED 60 DEGREE C, INDIVIDUAL CONDUCTORS TWISTED TOGETHER, SHIELDED, AND COVERED WITH PVC JACKET; UL LISTED. (PLENUM RATED)

PART 3 EXECUTION

3.1 EXAMINATION AND PREPARATION

- A. VERIFY THAT INTERIOR OF BUILDING IS PHYSICALLY PROTECTED FROM WEATHER.
- B. VERIFY THAT MECHANICAL WORK THAT IS LIKELY TO DAMAGE CONDUCTORS HAS BEEN COMPLETED.
- C. COMPLETELY AND THOROUGHLY SWAB RACEWAY SYSTEM BEFORE INSTALLING CONDUCTORS.
- D. ELECTRICAL BOXES ARE SHOWN ON DRAWINGS IN APPROXIMATE LOCATIONS UNLESS DIMENSIONED.
 1. OBTAIN VERIFICATION FROM ENGINEER OF JUNCTION BOX LOCATIONS, AND LOCATIONS OF OUTLETS IN OFFICES AND WORK AREAS, PRIOR TO ROUGH-IN.
 2. IT SHALL BE UNDERSTOOD THAT ANY OUTLET MAY BE RELOCATED A DISTANCE NOT EXCEEDING 5FT FROM THE LOCATION SHOWN ON THE DRAWINGS PRIOR TO OR DURING ROUGH-IN, IF SO DIRECTED BY THE ARCHITECT-ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
 3. LOCAL SWITCHES WHICH ARE SHOWN NEAR DOORS SHALL BE LOCATED AT THE STRIKE SIDE OF THE DOOR AS FINALLY HUNG, REGARDLESS OF SWING ON THE DRAWINGS.

3.2 INSTALLATION

- A. PERFORM WORK ACCORDING TO NECA STANDARD OF INSTALLATION.
- B. ARRANGE CONDUIT TO MAINTAIN HEADROOM AND TO PRESENT NEAT APPEARANCE.
 1. ROUTE EXPOSED RACEWAY PARALLEL AND PERPENDICULAR TO WALLS AND ADJACENT PIPING.
 2. MAINTAIN MINIMUM 6-INCH CLEARANCE TO PIPING AND 12" CLEARANCE TO HEAT SURFACES SUCH AS FLUES, STEAM PIPES, AND HEATING APPLIANCES.
 3. MAINTAIN REQUIRED FIRE, ACOUSTIC, AND VAPOR BARRIER RATING WHEN PENETRATING WALLS, FLOORS, AND CEILINGS.
 4. ROUTE CONDUIT THROUGH ROOF OPENINGS FOR PIPING AND DUCTWORK WHERE POSSIBLE; OTHERWISE, ROUTE THROUGH ROOF JACK WITH PITCH POCKET.
 5. GROUP IN PARALLEL RUNS WHERE PRACTICAL. USE RACK CONSTRUCTED OF STEEL CHANNEL MAINTAIN SPACING BETWEEN RACEWAYS OR DERATE CIRCUIT AMPACITIES TO NFPA 70 REQUIREMENTS.
 6. USE CONDUIT HANGERS AND CLAMPS; DO NOT FASTEN WITH WIRE OR PERFORATED PIPE STRAPS.
 7. USE CONDUIT BODIES TO MAKE SHARP CHANGES IN DIRECTION.
 8. TERMINATE CONDUIT STUBS WITH INSULATED BUSHINGS.
 9. USE SUITABLE CAPS TO PROTECT INSTALLED RACEWAY AGAINST ENTRANCE OF DIRT AND MOISTURE.
- 10. PROVIDE NO. 12 AWG INSULATED CONDUCTOR OR SUITABLE PULL STRING IN EMPTY RACEWAYS, EXCEPT SLEEVES AND NIPPLES.
- 11. INSTALL EXPANSION JOINTS WHERE RACEWAY CROSSES BUILDING EXPANSION OR SEISMIC JOINTS.
- 12. INSTALL PLASTIC CONDUIT AND TUBING ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
- 13. USE STEEL COMPRESSION TYPE FITTINGS WITH EMT CONDUITS.

- C. INSTALL ELECTRICAL BOXES AS SHOWN ON THE DRAWINGS, AND AS REQUIRED FOR SPLICES, TAPS, WIRE PULLING, EQUIPMENT CONNECTIONS AND REGULATORY REQUIREMENTS.

- 1. USE CAST OUTLET BOX IN EXTERIOR LOCATIONS EXPOSED TO WEATHER AND WET LOCATIONS.

- 2. USE HINGED COVER ENCLOSURE FOR INTERIOR PULL AND JUNCTION BOX LARGER THAN 12 INCHES IN ANY DIMENSION.

- 3. LOCATE AND INSTALL ELECTRICAL BOXES TO ALLOW ACCESS. PROVIDE ACCESS PANELS IF REQUIRED.

- 4. LOCATE AND INSTALL ELECTRICAL BOXES TO MAINTAIN HEADROOM AND TO PRESENT NEAT MECHANICAL APPEARANCE.

- 5. INSTALL PULL BOXES AND JUNCTION BOXES ABOVE ACCESSIBLE CEILINGS OR IN UNFINISHED AREAS.

- 6. PROVIDE KNOCKOUT CLOSURES FOR UNUSED OPENINGS.

- 7. ALIGN WALL-MOUNTED OUTLET BOXES FOR SWITCHES, THERMOSTATS, AND SIMILAR DEVICES.

- 8. COORDINATE MOUNTING HEIGHTS AND LOCATIONS OF OUTLETS ABOVE COUNTERS AND BACKSPLASHES.

- 9. USE RECESSED OUTLET BOXES IN FINISHED AREAS AND WHERE INDICATED.

- 10. SECURE BOXES TO INTERIOR WALL AND PARTITION STUDS, ACCURATELY POSITIONING TO ALLOW FOR SURFACE FINISH THICKNESS.

- 11. USE STAMPED STEEL STUD BRIDGES FOR FLUSH OUTLETS IN HOLLOW STUD WALL, AND ADJUSTABLE STEEL CHANNEL FASTENERS FOR FLUSH CEILING OUTLET BOXES.

- 12. LOCATE BOXES IN MASONRY WALLS TO REQUIRE CUTTING CORNER ONLY. COORDINATE MASONRY CUTTING TO ACHIEVE NEAT OPENINGS FOR BOXES.

- 13. DO NOT INSTALL BOXES BACK-TO-BACK IN WALLS; PROVIDE 6 INCHES SEPARATION, MINIMUM; EXCEPT PROVIDE 24 INCHES SEPARATION, MINIMUM IN ACOUSTIC-RATED WALLS.

- 14. DO NOT DAMAGE INSULATION.

D. INSTALL CABLE AND WIRE ACCORDING TO MANUFACTURER'S INSTRUCTIONS

- 1. NEATLY TRAIN AND SECURE WIRING INSIDE BOXES, EQUIPMENT, AND PANELBOARDS.

- 2. USE WIRE PULLING LUBRICANT FOR PULLING 4 AWG AND LARGER WIRES.

- 3. SUPPORT CABLES ABOVE ACCESSIBLE CEILINGS TON KEEP THEM FROM RESTING ON CEILING TILES.

- 4. MAKE SPLICES, TAPS, AND TERMINATIONS TO CARRY FULL AMPACITY OF CONDUCTORS WITHOUT PERCEPTIBLE TEMPERATURE RISE.

- 5. TERMINATE SPARE CONDUCTORS WITH ELECTRICAL TAPE.

E. INSTALL WIRING DEVICES ACCORDING TO MANUFACTURER'S INSTRUCTIONS.

- 1. INSTALL WALL PLATES FLUSH AND LEVEL.

- 1. INSTALL PLATES ON SWITCH, RECEPTACLE, AND BLANK OUTLETS IN FINISHED AREAS, USING JUMBO SIZE PLATES FOR OUTLETS INSTALLED IN MASONRY WALLS.

- 2. INSTALL GALVANIZED STEEL PLATES ON OUTLET BOXES AND JUNCTION BOXES IN UNFINISHED AREAS, ABOVE ACCESSIBLE CEILINGS, AND ON SURFACE-MOUNTED OUTLETS.

G. INSTALL SERVICE FITTINGS ACCORDING TO MANUFACTURER'S INSTRUCTIONS.

- H. BEFORE INSTALLING RACEWAYS AND PULLING WIRE TO ANY MECHANICAL EQUIPMENT OR PLUMBING EQUIPMENT, VERIFY ELECTRICAL CHARACTERISTICS WITH FINAL SUBMITTAL ON EQUIPMENT TO ASSURE PROPER NUMBER AND AWG OF CONDUCTORS.

I. UNDERGROUND CABLE AND CONDUIT INSTALLATION SHALL CONFORM TO ANSI C2 AND NEC EXCEPT AS OTHERWISE INDICATED.

- THE CONTRACTOR SHALL PROMPTLY REPAIR ANY UTILITY LINES OR SYSTEM DAMAGED BY HIS OPERATION. THE TOP OF UNDERGROUND CONDUIT SHALL NOT BE LESS THAN 24 INCHES BELOW GRADE. THE BOTTOM OF CONDUITS TRENCH SHALL BE GRADED SMOOTH, WHERE ROCK AND SHARP EGED MATERIAL ARE ENCOUNTERED, THE BOTTOM SHALL BE EXCAVATED FOR ADDITIONAL 3 INCHES, FILLED AND TAMPED LEVEL TO THE ORIGINAL BOTTOM WITH SAND OR EARTH FREE FROM ROCKS AND SHARP MATERIALS. PROVIDE MAGNETIC YELLOW WARNING TAPE ABOVE THE ENTIRE LENGTH OF UNDERGROUND CONDUITS TAPE SHALL BE BURIED 12" BELOW GRADE.

- J. SURFACES DISTURBED DURING THE INSTALLATION OF UNDERGROUND CONDUITS SHALL BE RESTORED TO THEIR ORIGINAL CONDITIONS. PROVIDE SO2 OF QUALITY EQUAL TO THAT REMOVED, PATCH PAVEMENT, SIDEWALK CURB, ETC. EXCAVATED MATERIAL NOT REQUIRED OR SUITABLE FOR BACKFILL SHALL BE REMOVED FROM PROJECT SITE. REMOVE WATER FROM EXCAVATION BY PUMPING OR OTHER APPROVED METHOD. BACKFILL SHALL BE FREE FROM LARGE CLODS OF EARTH OR STONES OVER 1 INCH IN SIZE.

1.3 QUALIFICATIONS

- A. MANUFACTURER: COMPANY SPECIALIZING IN PRODUCTS SPECIFIED IN THIS SECTION WITH MINIMUM THREE YEARS DOCUMENTED EXPERIENCE.

1.4 REGULATORY REQUIREMENTS

- A. CONFORM TO REQUIREMENTS OF ANSI/NFPA 70.
- B. CONFORM TO REQUIREMENTS OF NFPA 101.
- C. FURNISH PRODUCTS LISTED AND CLASSIFIED BY UNDERWRITERS LABORATORIES, INC. AS SUITABLE FOR PURPOSE SPECIFIED AND SHOWN.

PART 1 GENERAL

1.1 SUBMITTALS

- A. SHOP DRAWINGS: FOR REVIEW; INDICATE CONSTRUCTION DETAILS FOR THE FOLLOWING:
 1. PANELBOARDS.

- B. PRODUCT DATA: FOR REVIEW; PROVIDE RATINGS AND COMPONENT DETAILS FOR THE FOLLOWING:
 1. ENCLOSED SWITCHES.
 2. FUSES.
 3. CIRCUIT BREAKERS.

- C. TEST REPORTS: FOR INFORMATION.

- D. OPERATING AND MAINTENANCE INSTRUCTIONS: FOR PROJECT CLOSEOUT; INCLUDE THE FOLLOWING:
 1. PANELBOARD: SUBMIT NEMA PB 2.1.

1.2 REGULATORY REQUIREMENTS

- A. CONFORM TO REQUIREMENTS OF NFPA 70.
- B. FURNISH PRODUCTS LISTED BY UL OR OTHER TESTING FIRM ACCEPTABLE TO AUTHORITY HAVING JURISDICTION.
- C. CONFORM TO REQUIREMENTS OF UTILITY COMPANY.

PART 2 PRODUCTS

2.1 ENCLOSED SWITCHES

- A. MANUFACTURERS:
 1. SQUARE D
 2. EATON-OUTLER HAMMER
 3. GE
- B. ENCLOSED SWITCH ASSEMBLIES: NEMA KS 1; TYPE HD.
 1. FUSE CLIPS: DESIGNED TO ACCOMMODATE CLASS R OR J FUSES.

2.2 FUSES

A. MANUFACTURERS:

- 1. FERRAZ-SHAWMUT
- 2. BUSMANN

B. FUSES 600 AMPERES AND LESS: CURRENT LIMITING, ONE-TIME FUSE, 250 VOLT, UL CLASS RK 1, RK 5 OR J.

2.3 PANELBOARDS

A. MANUFACTURERS:

- 1. EATON-OUTLER HAMMER
- 2. SQUARE D
- 3. GE

B. DISTRIBUTION PANELBOARDS: NEMA PB 1; CIRCUIT BREAKER TYPE.

- 1. ENCLOSURE: TYPE 1
- 2. PROVIDE SURFACE CABINET FRONT WITH SCREW COVER AND HINGED DOOR.
- 3. BUS: COPPER.
- 4. GROUND BUS: COPPER.
- 5. VOLTAGE: AS SHOWN
- 6. MINIMUM INTEGRATED EQUIPMENT RATING: AS INDICATED ON DRAWINGS.

C. LIGHTING AND APPLIANCE BRANCH CIRCUIT PANELBOARDS: NEMA PB 1; CIRCUIT BREAKER TYPE.

- 1. ENCLOSURE: NEMA PB 1; TYPE 1
- 2. PROVIDE FLUSH OR SURFACE CABINET FRONT WITH LOCKABLE DOOR, KEYS ALIKE.
- 3. BUS: COPPER BUS.
- 4. GROUND BUS: COPPER.
- 5. VOLTAGE: AS SHOWN
- 6. MINIMUM INTEGRATED EQUIPMENT RATING: AS INDICATED ON DRAWINGS.

PART 3 EXECUTION

3.1 EXAMINATION AND PREPARATION

- A. MAKE ARRANGEMENTS WITH UTILITY COMPANY TO OBTAIN PERMANENT ELECTRIC SERVICE TO THE PROJECT.
- B. PROVIDE CONCRETE PAD FOR UTILITY TRANSFORMER. PROVIDE PAD DIMENSIONS AND DETAILS TO UTILITY REQUIREMENTS.

3.2 INSTALLATION

- A. INSTALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- B. INSTALL PROPER FUSES IN EACH FUSED SWITCH.
- C. INSTALL PANELBOARDS AND LOAD CENTERS TO NEMA PB 1.1.

3.3 CLEANING

- A. CLEAN EQUIPMENT FINISHES TO REMOVE PAINT AND CONCRETE SPLATTERS.

SECTION 16510

INTERIOR LUMINAIRES

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. INTERIOR LUMINAIRES AND ACCESSORIES.
- B. BALLASTS.
- C. LAMPS.
- D. LUMINAIRE ACCESSORIES.

1.2 REFERENCES



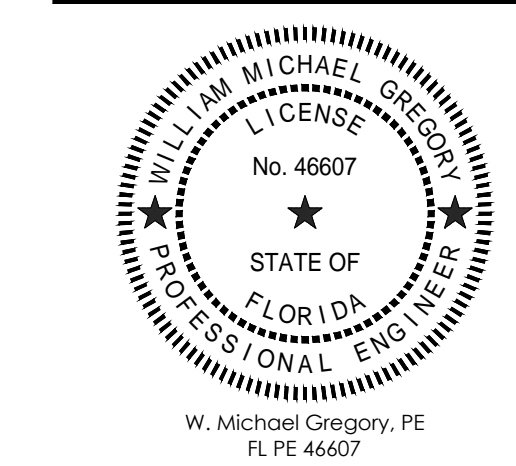
1520 Prudential Drive | Jacksonville, FL 32207
 904.353.5900 | 904.353.5948 (f)
 Email info@g4designinc.com | AA2601912

PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

DO NOT SCALE THE DRAWINGS. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. SCALE NOTED IS FOR FULL "ANSI-D" SIZE PRINTS.

CONTRACTOR SHALL CHECK & VERIFY ALL JOB SITE CONDITIONS.

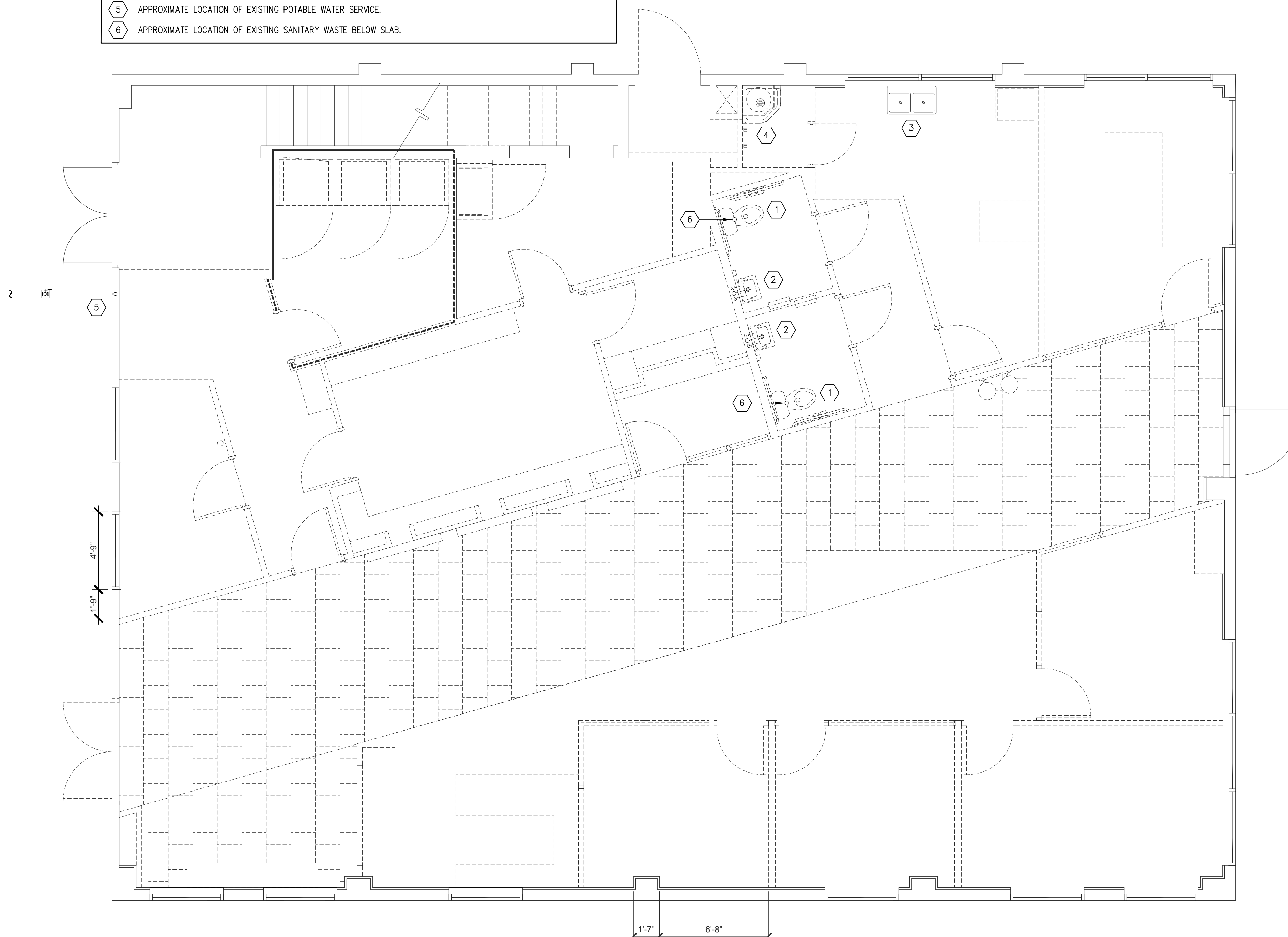
©2022 Group 4 Design, Inc.



W. Michael Gregory, PE
 FL PE 46607

| No. | Date | By | Description |
|-----|----------|----|-------------|
| 01 | 04.22.22 | MG | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

- PLUMBING DEMO NOTES**
- 1 EXISTING WATER CLOSET TO BE REMOVED. CAP WASTE/VENT PIPING BELOW SLAB.
 - 2 EXISTING LAVATORY TO BE REMOVED. CAP WASTE/VENT PIPING BELOW SLAB; WATER PIPING ABOVE CEILING.
 - 3 EXISTING 2 COMPARTMENT SINK TO BE REMOVED. CAP WASTE PIPING BELOW SLAB.
 - 4 EXISTING MOP SINK TO BE REMOVED. CAP WASTE PIPING BELOW SLAB; WATER PIPING ABOVE CEILING.
 - 5 APPROXIMATE LOCATION OF EXISTING POTABLE WATER SERVICE.
 - 6 APPROXIMATE LOCATION OF EXISTING SANITARY WASTE BELOW SLAB.



1 PLUMBING DEMO PLAN – FIRST FLOOR
 P101 SCALE: 1/4" = 1'-0"

VESTCOR

Project Number: 22.0017.00
 Drawn By:
 Checked By:
 Project Name:
 1649 ATLANTIC
 OFFICE RENOVATION
 JACKSONVILLE, FL
 Drawing Name:
 PLUMBING DEMO PLAN
 FIRST FLOOR

P101



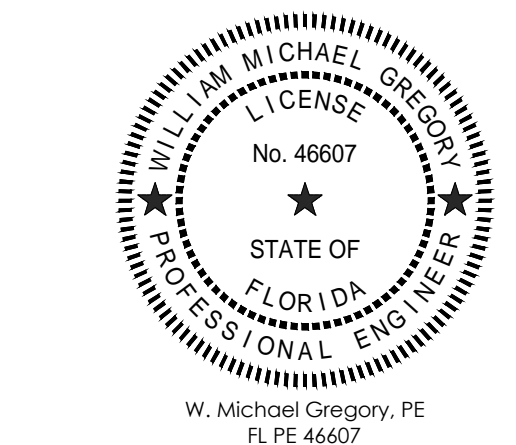
1520 Prudential Drive | Jacksonville, FL 32207
 904.353.5900 [c] 904.353.5948 [f]
 Email info@g4designinc.com | AA2601912

PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

DO NOT SCALE THE DRAWINGS. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. SCALE NOTED IS FOR FULL "ANSI-D" SIZE PRINTS.

CONTRACTOR SHALL CHECK & VERIFY ALL JOB SITE CONDITIONS.

© 2022 Group 4 Design, Inc.

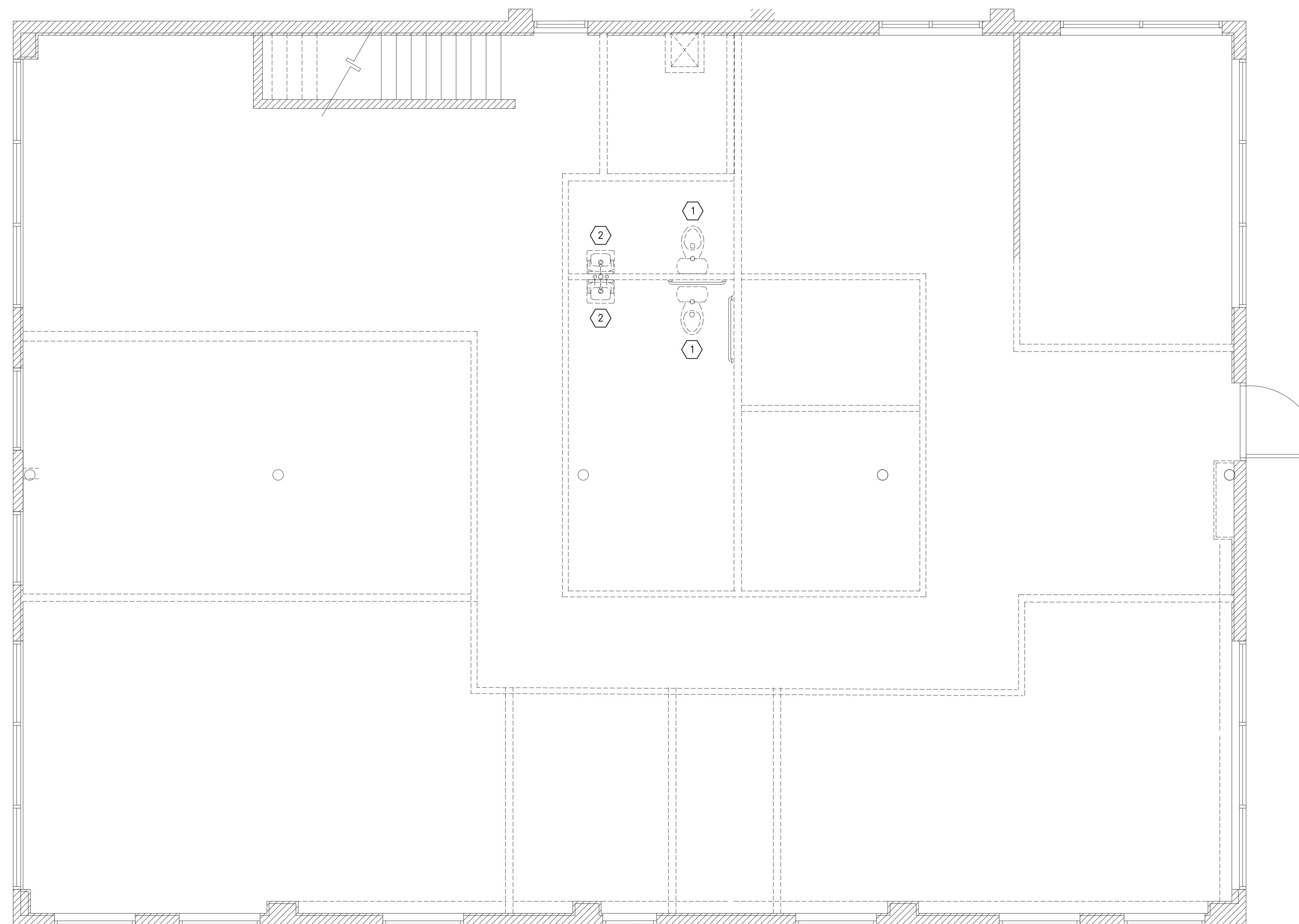


W. Michael Gregory, PE
 FL PE 46607

| Issues and Revisions | | Date | By | Description |
|----------------------|----------|------|------------|-------------|
| No. | Date | | | |
| 01 | 04.22.22 | MG | PERMIT SET | |
| 02 | | | | |
| 03 | | | | |
| 04 | | | | |
| 05 | | | | |
| 06 | | | | |
| 07 | | | | |
| 08 | | | | |
| 09 | | | | |

PLUMBING DEMO NOTES

- 1 EXISTING WATER CLOSET TO BE REMOVED. CAP WASTE/VENT PIPING BELOW SLAB.
- 2 EXISTING LAVATORY TO BE REMOVED. CAP WASTE/VENT PIPING BELOW SLAB; WATER PIPING ABOVE CEILING.



1 PLUMBING DEMO PLAN – SECOND FLOOR
 SCALE: 1/4" = 1'-0"

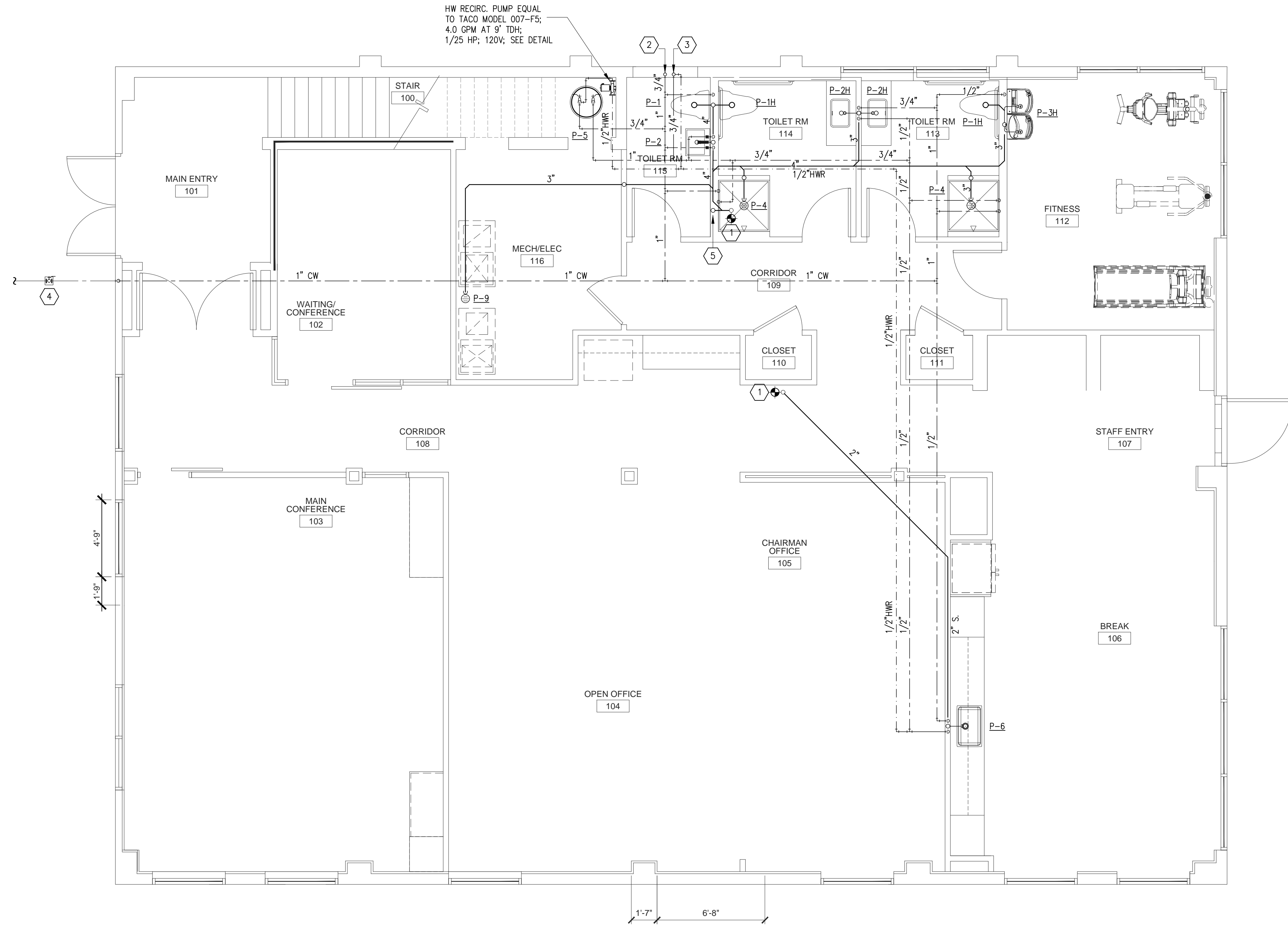
VESTCOR

Project Number: 22.0017.00
 Drawn By:
 Checked By:
 Project Name:
 1649 ATLANTIC
 OFFICE RENOVATION
 JACKSONVILLE, FL
 Drawing Name:
 PLUMBING DEMO PLAN
 SECOND FLOOR

P102



- PLUMBING PLAN NOTES**
- 1 CONNECT TO EXISTING WASTE LINE. VERIFY DIRECTION OF FLOW AND CONNECT ACCORDINGLY.
 - 2 3/4" CW RISER UP TO 2ND FLOOR; REFER TO SHEET P104 FOR CONTINUATION.
 - 3 3/4" HW RISER UP TO 2ND FLOOR; REFER TO SHEET P104 FOR CONTINUATION.
 - 4 APPROXIMATE LOCATION OF EXISTING POTABLE WATER SERVICE.
 - 5 4" WASTE STACK DOWN FROM 2ND FLOOR.



1 PLUMBING PLAN – FIRST FLOOR
 P103 SCALE: 1/4" = 1'-0"

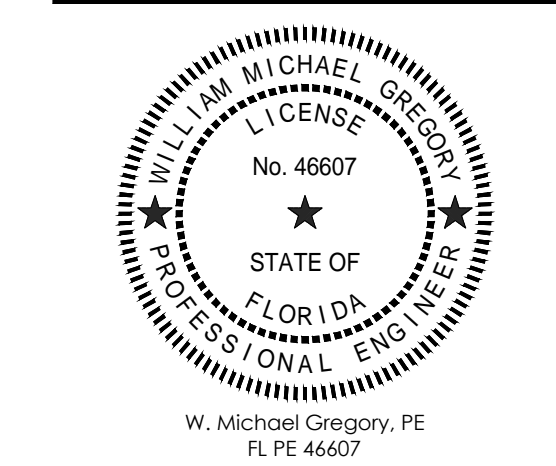
1530 Prudential Drive | Jacksonville, FL 32207
 904.353.5900 | 904.353.5948 (f)
 Email info@g4designinc.com | AA2601912

PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

DO NOT SCALE THE DRAWINGS. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. SCALE NOTED IS FOR FULL "ANSI-D" SIZE PRINTS.

CONTRACTOR SHALL CHECK & VERIFY ALL JOB SITE CONDITIONS.

© 2022 Group 4 Design, Inc.



| No. | Date | By | Description |
|-----|----------|----|-------------|
| 01 | 04.22.22 | MG | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

VESTCOR

Project Number: 22.0017.00
 Drawn By:
 Checked By:
 Project Name:
 1649 ATLANTIC
 OFFICE RENOVATION
 JACKSONVILLE, FL
 Drawing Name:
 PLUMBING FLOOR PLAN
 FIRST FLOOR

P103

© 2022 Group 4 Design, Inc. PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.



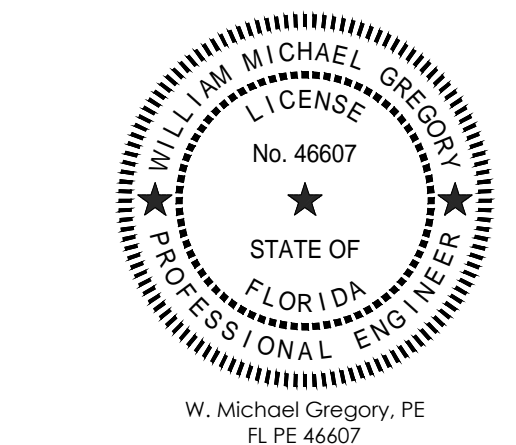
1530 Prudential Drive | Jacksonville, FL 32207
904.353.5900 | 904.353.5948 (f)
Email info@g4designinc.com | AA2601912

PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

DO NOT SCALE THE DRAWINGS. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. SCALE NOTED IS FOR FULL 'ANSI-D' SIZE PRINTS.

CONTRACTOR SHALL CHECK & VERIFY ALL JOB SITE CONDITIONS.

© 2022 Group 4 Design, Inc.

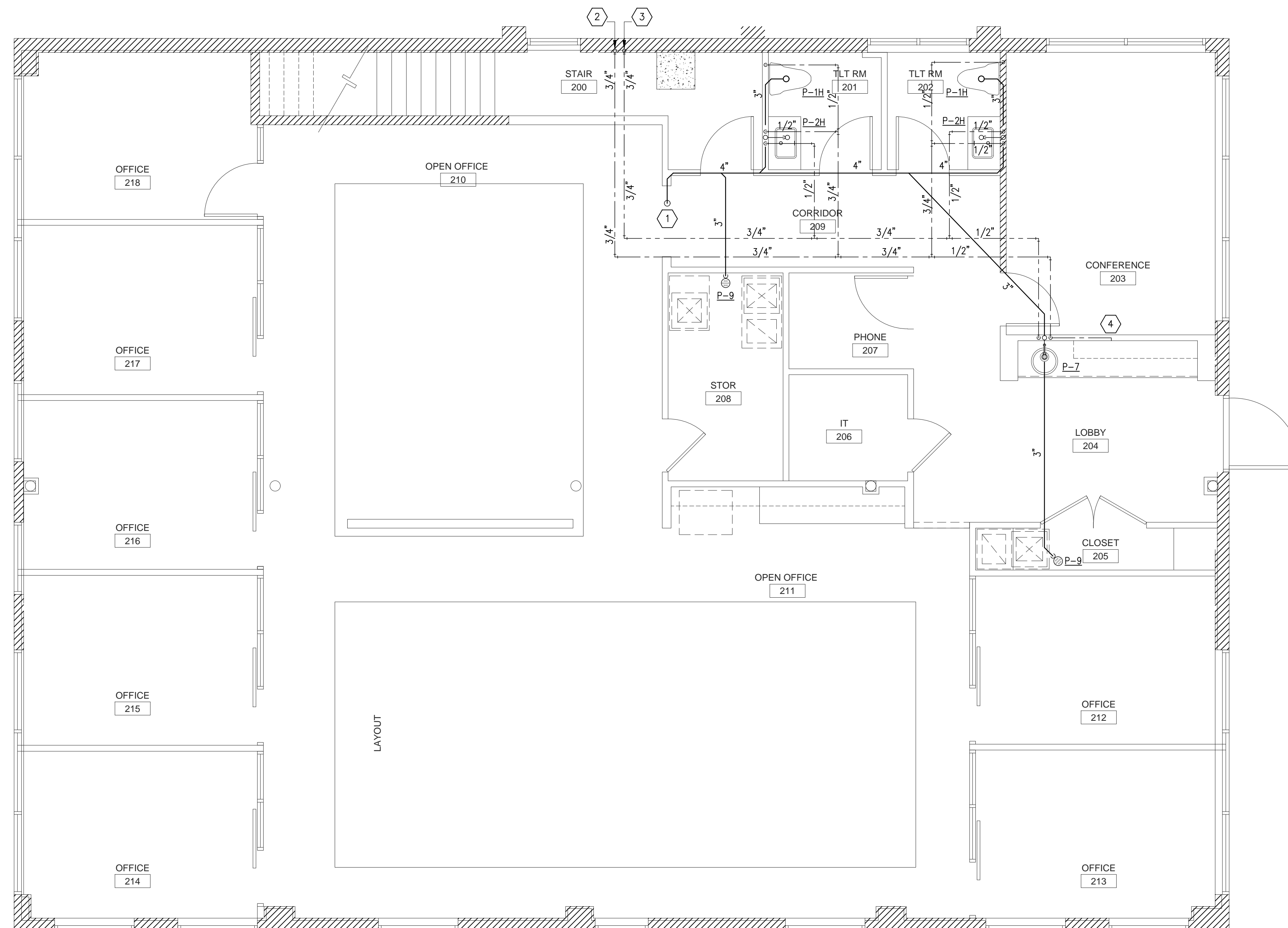


W. Michael Gregory, PE
FL PE 46607

| Issues and Revisions | | |
|----------------------|----------|---------------|
| No. | Date | Description |
| 01 | 04.22.22 | MG PERMIT SET |
| 02 | | |
| 03 | | |
| 04 | | |
| 05 | | |
| 06 | | |
| 07 | | |
| 08 | | |
| 09 | | |

PLUMBING PLAN NOTES

- 1 4" WASTE STACK DOWN TO 1ST FLOOR; REFER TO SHEET P103 FOR CONTINUATION.
- 2 3/4" CW RISER UP FROM 1ST FLOOR; REFER TO SHEET P103 FOR CONTINUATION.
- 3 3/4" HW RISER UP FROM 1ST FLOOR; REFER TO SHEET P103 FOR CONTINUATION.
- 4 1/2" CW LINE FOR COFFEE MAKER.



1 PLUMBING PLAN – SECOND FLOOR
P104 SCALE: 1/4" = 1'-0"

VESTCOR

Project Number: 22.0017.00

Drawn By: _____

Checked By: _____

Project Name: _____

1649 ATLANTIC

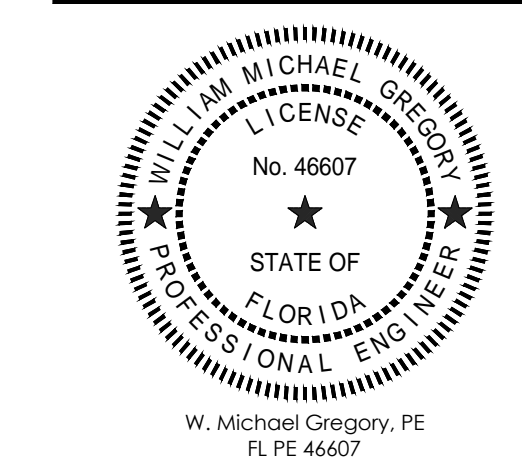
OFFICE RENOVATION

JACKSONVILLE, FL

Drawing Name: _____

PLUMBING FLOOR PLAN

SECOND FLOOR



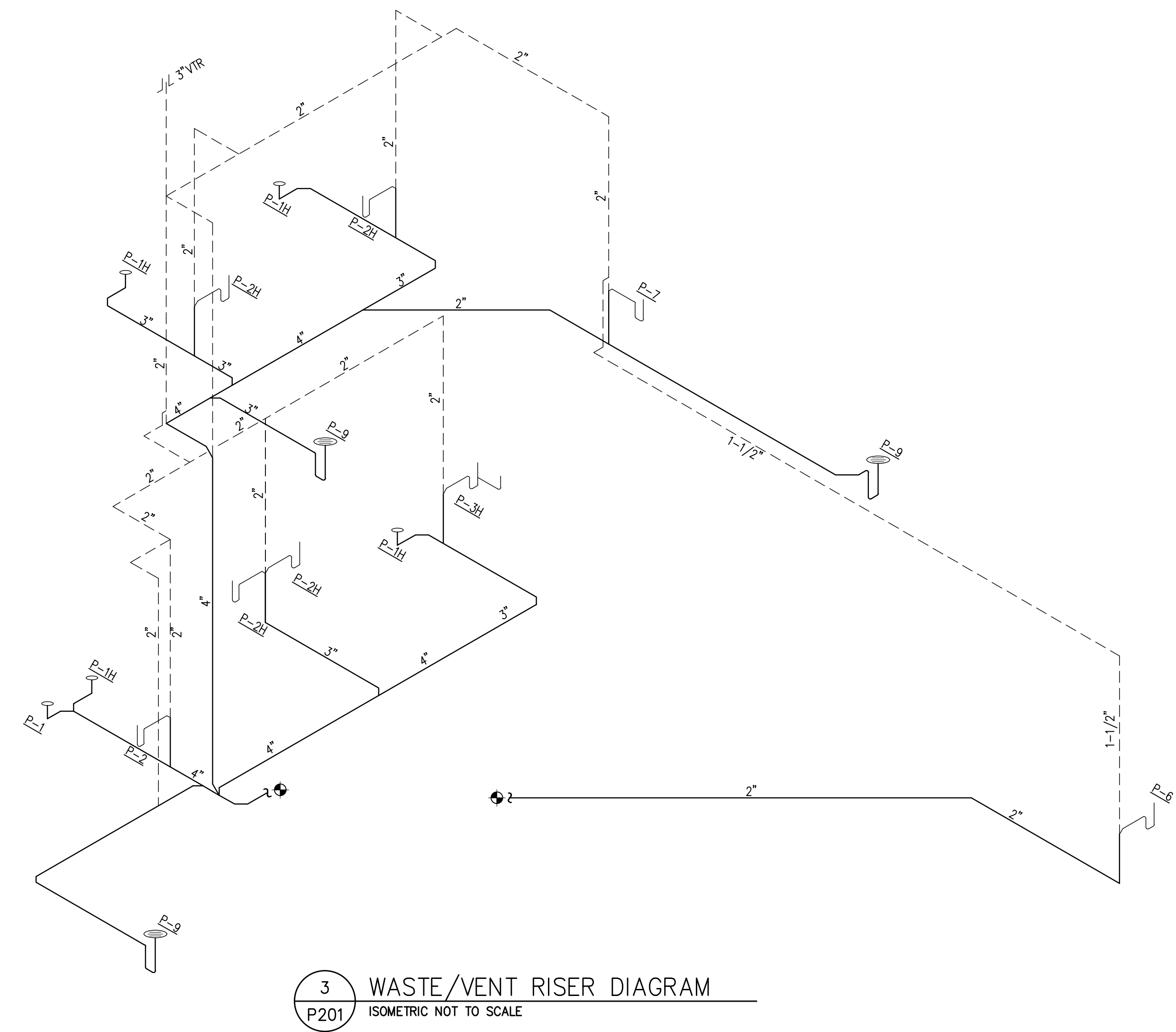
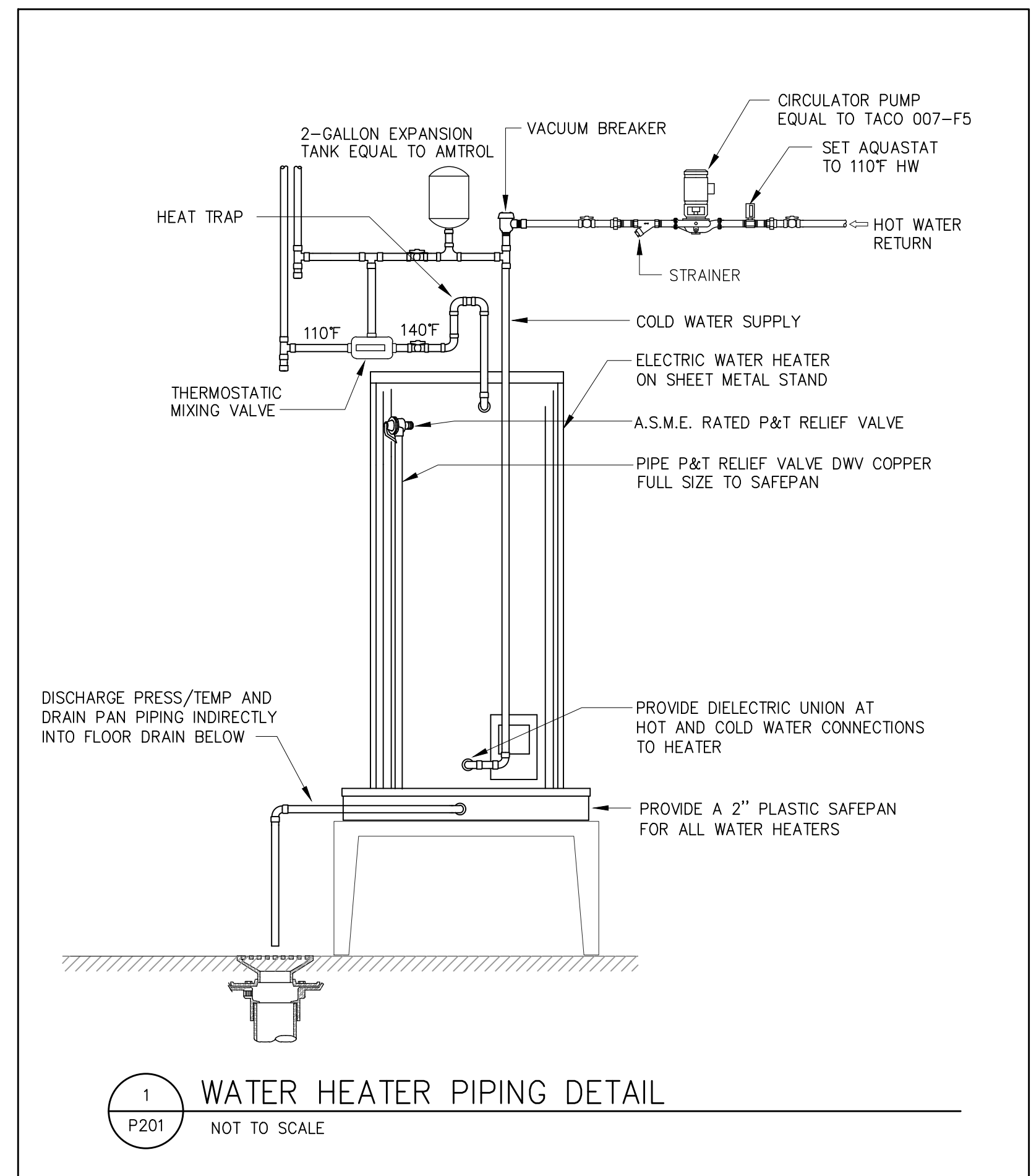
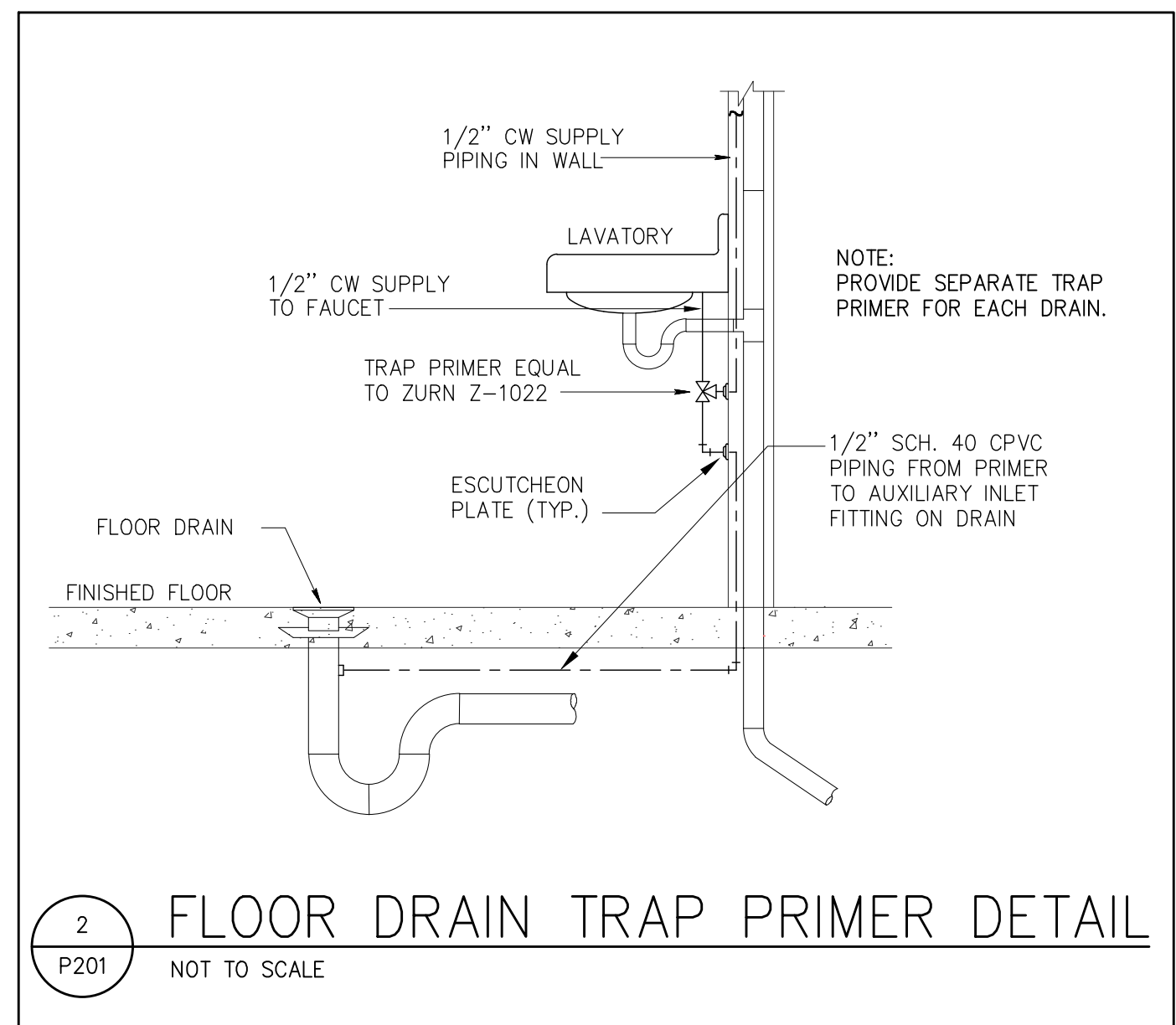
W. Michael Gregory, PE
 FL PE 46607

| No. | Date | By | Description |
|-----|----------|----|-------------|
| 01 | 04.22.22 | MG | PERMIT SET |
| 02 | | | |
| 03 | | | |
| 04 | | | |
| 05 | | | |
| 06 | | | |
| 07 | | | |
| 08 | | | |
| 09 | | | |

VESTCOR

Project Number: 22.0017.00
 Drawn By:
 Checked By:
 Project Name:
 1649 ATLANTIC
 OFFICE RENOVATION
 JACKSONVILLE, FL
 Drawing Name:
 PLUMBING DETAILS &
 RISER DIAGRAM

P201



| PLUMBING FIXTURE SCHEDULE | | | | | | | |
|---------------------------|--------------|----------------------|---|---------------------|--------|------|------|
| MARK | MANUFACTURER | MODEL # | FIXTURE DESCRIPTION | CONNECTION SCHEDULE | | | |
| | | | | WASTE | VENT | CW | HW |
| P-1 | KOHLER | "CIMMARON" K-5310 | 16-1/2" HIGH VITREOUS CHINA WATER CLOSET W/ ELONGATED BOWL (ADA) FLUSH VALVE - SLOAN ROYAL #111-1.28 (1.28 GPF) SEAT (NO LID) - CHURCH MODEL 9500-SSC | 3" | 2" | 1/2" | - |
| P-1H | KOHLER | "CIMMARON" K-5310 | 16-1/2" HIGH VITREOUS CHINA WATER CLOSET W/ ELONGATED BOWL (ADA) FLUSH VALVE - SLOAN ROYAL #111-1.28 (1.28 GPF) SEAT (NO LID) - CHURCH MODEL 9500-SSC LOCATE FLUSH CONTROL ON WIDE SIDE OF STALL | 3" | 2" | 1/2" | - |
| P-2 | KOHLER | "LADENA" K-2214 | 20-7/8" x 14-3/8" RECTANGULAR UNDERMOUNT CHINA LAVATORY FAUCET - DELTA "GALEON" 571-PR-MPU-DST (LUMICOAT STAINLESS FINISH) TRAP - 1 1/4" CAST BRASS WITH C.O. PLUG SUPPLY - 3/8" ANGLE-TYPE WITH STOPS FURNISH/INSTALL ASSE-1070 THERMOSTATIC MIXING VALVE FOR EACH FAUCET | 2" | 1 1/4" | 1/2" | 1/2" |
| P-2H | KOHLER | "BRENHAM" K-1997-1-0 | VITREOUS CHINA WALL-HUNG LAVATORY (ADA) ADA FAUCET - DELTA "GALEON" 571-PR-MPU-DST (LUMICOAT STAINLESS FINISH) TRAP - 1 1/4" CAST BRASS WITH C.O. PLUG FURNISH/INSTALL SUITABLE CONCEALED-ARM FIXTURE CARRIER PROVIDE OFFSET TAILPIECE INSULATE TRAP OUTLET & HW SUPPLY TO MEET ADA FURNISH/INSTALL ASSE-1070 THERMOSTATIC MIXING VALVE FOR EACH FAUCET | 2" | 1 1/4" | 1/2" | 1/2" |
| P-3H | ELKAY | LZSTL8WS | DUAL-BASIN WATER COOLER (ADA) WITH BOTTLE FILLER & CANE APRON 7.5 GPH CAPACITY, 3.7 F.L.A. 120-1-6 (INDOOR USE) | 2" | 1 1/4" | 1/2" | - |
| P-4 | AQUABATH | C4136BF | 36x38 PREFAB ACRYLIC A.D.A. BARRIER-FREE SHOWER FIXTURE PROVIDE A.D.A. GRAB BARS AND SEAT ANTI-SCALD VALVE/HEAD - DELTA T14259-LHD-PP + RP101842 HEAD DRAIN: SIOUX CHIEF 821-200P W/ 4-1/4" NICKALOY STRAINER TOP | 2" | 1 1/2" | 1/2" | 1/2" |
| P-5 | A.O. SMITH | DEN-52 | 50-GALLON COMMERCIAL ELECTRIC WATER HEATER 4.5 KW, 240-3-60, 10.8 AMPS SET TANK TEMP TO 140F; SET DELIVERY TEMP CONTROL TO 110F | - | - | 3/4" | 3/4" |
| P-6 | ELKAY | PLAUH281612 | 30-1/2" x 18-1/2" RECTANGULAR SINGLE-BOWL UNDERMOUNT STAINLESS SINK FAUCET - DELTA "ESSA" 9113-DST (ARCTIC STAINLESS FINISH) CUP STRAINERS - TWO (2) ELKAY LK-35 SUPPLY - 3/8" ANGLE-TYPE WITH STOPS TRAP - 1 1/2" CAST BRASS WITH C.O. PLUG | 2" | 1 1/2" | 1/2" | 1/2" |
| P-7 | DAYTON | DCFU12FB | 14-3/8" ROUND SINGLE BOWL UNDERMOUNT STAINLESS STEEL SINK FAUCET - DELTA "ESSA" 9913-DST (ARCTIC STAINLESS FINISH) CUP STRAINERS - (1) ELKAY MODEL LK-35 SUPPLY - 3/8" ANGLE-TYPE WITH STOPS TRAP - 1 1/2" CAST BRASS WITH C.O. PLUG | 2" | 1 1/2" | 1/2" | 1/2" |
| P-8 | ZURN | Z1700 SERIES | WATER HAMMER ARRESTOR. SIZE PER P.D.I. WH-201 VERIFY THAT COMPONENT IS ACCESSIBLE. | - | - | - | - |
| P-9 | ZURN | Z415B | FLOOR DRAIN W/ 5" ROUND NICKALOY STRAINER TOP PROVIDE 1/2" AUXILIARY INLET FITTING FOR TRAP PRIMER CONNECTION | 3" | 2" | - | - |

PLUMBING SPECIFICATIONS

PART 1 - GENERAL

- 1.01 INSTRUCTIONS
 SCOPE OF WORK SHALL INCLUDE ALL MATERIALS, EQUIPMENT AND LABOR NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM IN ACCORDANCE WITH LOCAL AND STATE CODES, AND CONTRACT DRAWINGS AND SPECIFICATIONS.
- 1.02 LOCAL CONDITIONS CONTRACTOR SHALL VISIT THE SITE AND OBSERVE ALL EXISTING LOCAL CONDITIONS WHICH WOULD AFFECT WORK UNDER THIS CONTRACT. CONTRACTOR SHALL EXAMINE ALL PLANS AND SPECIFICATIONS FOR THIS PROJECT AND CONSULT THEM FOR INSTRUCTIONS PERTAINING TO WORK OF THIS SECTION.
- 1.03 PERMITS AND FEES CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND INSPECTIONS REQUIRED FOR PERTAINING TO WORK UNDER THIS CONTRACT AND PAY ALL CHARGES INCIDENTAL THERETO. DELIVER TO ARCHITECT ALL CERTIFICATES OF INSPECTION ISSUED BY AUTHORITIES HAVING JURISDICTION.
- 1.04 CODES AND STANDARDS
 A. FURNISH AND INSTALL MECHANICAL SYSTEMS TO MEET ALL CURRENT REQUIREMENTS OF NATIONAL, STATE AND MUNICIPAL CODES, RULES REGULATIONS, LAWS, AND STANDARDS AS THEY ARE ADOPTED BY THE GOVERNING AGENCY AND AS THEY MAY APPLY.
- 2020 FLORIDA BUILDING CODE, 7th EDITION;
 - 2020 FLORIDA BUILDING CODE, MECHANICAL, 7th EDITION;
 - 2020 FLORIDA BUILDING CODE, PLUMBING, 7th EDITION;
 - 2020 FLORIDA BUILDING CODE, ENERGY CONSERVATION, 7th EDITION;
 - 2020 FLORIDA FIRE PREVENTION CODE, 7th EDITION.
- 1.05 SUBMITTALS
 A. MATERIAL LIST: WITHIN TWENTY (20) DAYS OF AWARD OF CONTRACT, CONTRACTOR SHALL SUBMIT TO ARCHITECT A COMPLETE LIST OF MATERIALS TO BE PROVIDED FOR THE HVAC WORK. THE LIST SHALL INCLUDE SUPPLIERS' NAMES AND MANUFACTURERS' NAMES AND NUMBER OR SERIES FOR EACH ITEM ON LIST.
- B. SHOP DRAWINGS: SUBMIT TO THE ARCHITECT FOR APPROVAL, BEFORE COMMENCING WORK, SHOP DRAWINGS FOR ALL MATERIALS AND EQUIPMENT TO BE PROVIDED UNDER THIS CONTRACT. THE FOLLOWING APPLIES TO THE SHOP DRAWINGS:
- CONTRACTOR SHALL SUBMIT WITHIN 30-DAYS AFTER AWARD OF CONTRACT, DRAWINGS AND/OR CUT SHEETS OF ALL MATERIALS AND EQUIPMENT, AND 1/4" SCALE EQUIPMENT ROOM DRAWINGS FOR APPROVAL BY ARCHITECT-ENGINEER. SUCH SUBMITTALS MUST CONTAIN OUTLINE DIMENSIONS, OPERATING CLEARANCES, INSTALLATION, OPERATING AND MAINTENANCE INFORMATION AND SUFFICIENT ENGINEERING DATA TO INDICATE SUBSTANTIAL COMPLIANCE WITH SPECIFICATIONS. ALL SHOP DRAWINGS FOR ONE SECTION OF WORK OR ONE MECHANICAL SYSTEM SHALL BE SUBMITTED AT ONE TIME IN LOOSE-LEAF 3-RING BINDERS; NO APPROVAL WILL BE GIVEN IF SUBMITTED PIECEMEAL.
 - WHERE CONTRACTOR CONSIDERS ADDITIONAL DETAIL OR SHOP DRAWINGS ESSENTIAL TO PROPER FABRICATION OR INSTALLATION OF EQUIPMENT, DUCTWORK, AND PIPING HE SHALL PREPARE SUCH CONSISTENT WITH CURRENT INDUSTRY METHODS AND STANDARDS. ENGINEER RESERVES THE RIGHT TO DIRECT REMOVAL AND REPLACEMENT OF ANY ITEMS WHICH, IN HIS OPINION, DO NOT PRESENT AN ORDERLY AND REASONABLY NEAT AND WORKMANLIKE APPEARANCE, PROVIDED SUCH AN ORDERLY INSTALLATION CAN BE MADE USING CUSTOMARY TRADE METHODS. REMOVAL AND REPLACEMENT SHALL BE DONE WHEN DIRECTED IN WRITING BY ENGINEER AT THE CONTRACTOR'S EXPENSE AND WITHOUT ADDITIONAL EXPENSE TO OWNER.
 - APPROVAL GRANTED ON SHOP DRAWINGS IS RENDERED AS A SERVICE ONLY AND SHALL NOT BE CONSIDERED AS GUARANTEE OF MEASUREMENTS OF BUILDING CONDITIONS; NOR SHALL IT BE CONSTRUED AS RELIEVING THE MECHANICAL CONTRACTOR OF BASIC RESPONSIBILITIES UNDER THIS CONTRACT.
 - CHANGES IN FOUNDATIONS, BASES, CONNECTIONS, PIPING, CONTROLS, STARTERS, ELECTRICAL EQUIPMENT, WIRING AND CONDUIT, SPACE OPENINGS, WALLS AND CELINGS, AND VIBRATION ISOLATION IN ORDER TO ACCOMMODATE SUBSTITUTE EQUIPMENT SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND RECEIVE ENGINEER'S APPROVAL BEFORE INSTALLING MATERIALS OR EQUIPMENT. ANY EQUIPMENT OR MATERIALS INSTALLED PRIOR TO RECEIPT OF APPROVED SHOP DRAWINGS FROM ENGINEER SHALL BE SUBJECT TO REMOVAL AND/OR ALTERATION AT THE DISCRETION OF THE MECHANICAL ENGINEER AT NO ADDITIONAL COST.
 - APPROVAL OF ANY SUBMITTED DATA OR SHOP DRAWINGS FOR MATERIALS, EQUIPMENT, APPARATUS DEVICES, ARRANGEMENTS AND/OR LAYOUTS WILL NOT RELIEVE THE CONTRACTOR FROM RESPONSIBILITY OF FURNISHING SAME OF PROPER DIMENSIONS, CAPACITIES, SIZES, QUANTITIES AND INSTALLATION DETAILS TO EFFICIENTLY PERFORM REQUIREMENTS AND INTENT OF CONTRACT. SUCH APPROVAL SHALL NOT RELIEVE CONTRACTOR FROM RESPONSIBILITY FOR ERRORS OF ANY SORT.
- C. ANY ELECTRICAL DEVIATIONS BETWEEN THE CONTRACT DOCUMENTS AND THE FURNISHED EQUIPMENT MUST BE SEPARATELY ACKNOWLEDGED BY A SUBSTITUTION REQUEST AND ADDITIONALLY NOTED ON THE SUBMITTAL.
- D. PROVIDE PLUMBING SHOP DRAWINGS FOR: WASTE AND VENT PIPING, DOMESTIC WATER PIPING, VALVES, PLUMBING FIXTURES AND PIPE INSULATION.

- 1.06 CONNECTING TO WORK OF OTHERS
 A. BEFORE STARTING HIS WORK, AND FROM TIME TO TIME AS WORK PROGRESSES, PLUMBING CONTRACTOR SHALL EXAMINE WORK AND MATERIALS INSTALLED BY OTHERS INsofar AS THEY APPLY TO HIS WORK AND SHALL NOTIFY ENGINEER IMMEDIATELY IN WRITING IF CONDITIONS EXIST WHICH WILL SHOULD CONTRACTOR START HIS WORK WITHOUT SUCH NOTIFICATION, IT SHALL BE CONSTRUED AS.
 B. AN ACCEPTANCE BY HIM OF ALL CLAIMS OR QUESTIONS AS TO SUITABILITY OR WORK OF OTHERS TO RECEIVE HIS WORK. HE SHALL REMOVE AND REPLACE, AT HIS OWN EXPENSE, ALL WORK UNDER THIS CONTRACT WHICH MAY HAVE TO BE REMOVED ON ACCOUNT OF SUCH DEFECTS.

- 1.07 CONTRACT DRAWINGS
 A. IT IS THE INTENT OF DRAWINGS AND SPECIFICATIONS TO OBTAIN A COMPLETE AND FULLY OPERATIONAL, AND SATISFACTORY INSTALLATION. AN ATTEMPT SHALL BE MADE TO SEPARATE AND COMPLETELY DEFINE WORK UNDER THIS CONTRACT. HOWEVER, SUCH SEPARATE DIVISIONAL DRAWINGS AND SPECIFICATIONS SHALL NOT RELIEVE CONTRACTOR FROM FULL RESPONSIBILITY OF COMPLIANCE WITH WORK OF HIS TRADE WHICH MAY BE INDICATED ON ANY DRAWING OR IN ANY SECTION OF THE SPECIFICATIONS.
 B. CONTRACTOR SHALL CAREFULLY EXAMINE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS PRIOR TO SUBMITTING BID. CONTRACTOR WILL BE REQUIRED TO FURNISH, INSTALL AND CONNECT WITH APPROPRIATE SERVICES ALL ITEMS SHOWN ON ANY DRAWINGS WITHOUT ADDITIONAL EXPENSE TO OWNER. ARCHITECT SHALL BE NOTIFIED PRIOR TO BID DATE OF ANY DISCREPANCIES, OMISSIONS, CONFLICTS OR INTERFERENCES WHICH OCCUR BETWEEN DRAWINGS OR BETWEEN DRAWINGS AND SPECIFICATIONS. IF SUCH NOTIFICATION IS RECEIVED IN ADEQUATE TIME, ADDITIONAL DATA OR CHANGES WILL BE ISSUED BY ADDENDUM TO ALL BIDDERS. SUBMITTAL OF BID BY CONTRACTOR SHALL INDICATES THE CONTRACTOR'S ACKNOWLEDGEMENT AND ACCEPTANCE TO PROVIDE ALL NECESSARY EQUIPMENT, MATERIALS AND LABOR TO MEET THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IN ACCORDANCE WITH ALL CODE REQUIREMENTS.
 C. ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER MECHANICAL DRAWINGS WITH REFERENCE TO BUILDING CONSTRUCTION. PLUMBING DRAWINGS ARE DIAGRAMMATIC BUT SHALL BE FOLLOWED AS CLOSELY AS ACTUAL CONSTRUCTION OF BUILDING AND WORK OF OTHER TRADES WILL PERMIT. WHERE LOCATIONS OF EQUIPMENT, DEVICES OR FIXTURES ARE CONTROLLED BY ARCHITECTURAL FEATURES, ESTABLISH SUCH LOCATIONS BY REFERRING TO DIMENSIONS ON ARCHITECTURAL DRAWINGS AND NOT BY SCALING DRAWINGS. CHANGES FROM DRAWINGS NECESSARY TO MAKE WORK OF CONTRACTOR CONFORM WITH BUILDING AS CONSTRUCTED AND TO FIT WORK OF OTHER TRADES OR RULES OF BODIES HAVING JURISDICTION SHALL BE MADE BY CONTRACTOR AT HIS OWN EXPENSE. SOME DRAWINGS MAY HAVE BEEN PREPARED FROM EXISTING DRAWINGS WITH INTENT OF PROVIDING THE CONTRACTOR WITH INFORMATION CONCERNING THE EXISTING CONDITIONS. DATA SHOWN HAS NOT BEEN COMPLETELY VERIFIED BY ARCHITECT/ENGINEER AND NO GUARANTEE OF ACCURACY OF THIS INFORMATION IS GIVEN OR INTENDED. IT SHALL BE THE RESPONSIBILITY OF CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS. DATA WHICH IS SHOWN BUT PROVES TO BE INCORRECT SHALL IN NO WAY RELIEVE THE CONTRACTOR FROM INSTALLING HIS WORK WITHIN THE INTENT OF PLANS AND SPECIFICATIONS, NOR SHALL IT CONSTITUTE BASIS FOR A CHANGE ORDER UNLESS, IN THE OPINION OF THE ARCHITECT/ENGINEER IT IS DETERMINED TO BE AN EXTRA COST OVER AND ABOVE THE BASIC INTENT OF THESE PLANS AND SPECIFICATIONS.

- 1.08 DAMAGE TO OTHER WORK
 A. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER PROTECTIVE MEASURES WHEN WORKING OVERHEAD OR IN FINISHED AREAS. HE/SHE SHALL REPAIR, REPLACE OR TOUCH-UP ALL FINISHED SURFACES WHICH MAY BE DAMAGED AS A RESULT OF HIS OPERATIONS.

- 1.09 STORAGE AND WORK AREAS
 A. ALL EQUIPMENT AND MATERIALS SHALL BE PROTECTED FROM THE WEATHER, DAMAGE, MOISTURE, DIRT, DEBRIS, ETC. USE OF CARDBOARD, VISQUEEN, OR OTHER SIMILAR MATERIALS WHILE STORED OUTSIDE IS NOT ACCEPTABLE. DO NOT INSTALL DAMAGED EQUIPMENT.

- 1.10 APPROVAL OF MATERIAL
 A. EQUIPMENT OTHER THAN SPECIFIED IN THE CONTRACT DOCUMENTS REQUIRES APPROVAL FROM ENGINEER 10 DAYS PRIOR TO BID DATE.
 B. WRITTEN REQUEST FOR PRIOR APPROVAL MUST BE RECEIVED IN ENGINEER'S OFFICE BY CLOSE OF BUSINESS NO LATER THAN 10 DAYS PRIOR TO SCHEDULED BID DATE. REQUEST SHALL CONTAIN DETAILED INFORMATION ON THE PROPOSED ITEM. THIS SHALL INCLUDE:
 - CATALOG CUTS SHEETS
 - DETAILED SPECIFICATIONS
 - DESCRIPTION OF DEVIATION FROM SPECIFIED ITEM
 C. AN ADDENDA SHALL BE ISSUED LISTING ALL PROSPECTIVE CONTRACTORS LISTING ALL PRIOR APPROVED MANUFACTURERS AND PRODUCTS.

PART 2 - PRODUCTS

- 2.01 PLUMBING SYSTEMS.
 A. PIPE MATERIALS.
 1. DWV (DRAIN, WASTE, AND VENT) PIPING-FITTINGS SHALL BE LONG RADIUS FITTINGS, EXCEPT FITTINGS IN VENT PIPING MAY BE SHORT RADIUS FITTINGS. MINIMUM SIZE PIPING SHALL BE 2 INCHES FOR BURIED PIPING AND 1-1/4 INCHES FOR ABOVEGROUND PIPING.
 A. ABOVE AND BELOW GRADE: PVC, SCHEDULE 40, MEETING ASTM D1785, WITH SOLVENT WELD JOINTS MEETING ASTM D2564.
 2. DOMESTIC WATER PIPING:
 A. BELOW GRADE: SDR PIPE, PVC, SCHEDULE 40, MEETING ASTM 2241.
 B. ABOVE GRADE: FLOW GUARD GOLD CPVC, MEETING ASTM D2846 AND F441.
 1. PIPING UP TO 1-1/4" SHALL BE SCHEDULE 40.
 2. PIPING 1-1/2" AND LARGER SHALL BE SCHEDULE 80; SOLVENT WELD JOINTS.
 3. FINAL PIPING CONNECTIONS TO FLUSH VALVES AND HOSE BIBBS SHALL BE TYPE L COPPER MEETING ASTM B88.
 4. PIPING INSULATION:
 1. ELECTRIC WATER COOLER WASTE:
 A. 3/4-LB., 1-1/2 INCH BLANKET.
 B. FSK JACKET.
 2. DOMESTIC COLD AND HOT WATER MAINS AND RISERS:
 A. 1-INCH STANDARD FIBERGLASS.
 B. FACTORY JACKET AND FITTING COVERS.
 3. DOMESTIC WATER PIPING EXPOSED TO EXTERIOR: NITRILE RUBBER BASED ELASTOMERIC SHEET INSULATION; ARMSTRONG "ARMAFLEX 2". MINIMUM INSULATION THICKNESS SHALL BE 3/4-INCH.
 4. CPVC WATER PIPING AND PVC WASTE, VENT AND ROOF DRAIN PIPING RUN IN RETURN AIR PLENUMS:
 WRAP WITH A FIRE PROTECTIVE JACKET WITH A MAXIMUM FLAME SPREAD RATING OR 25 AND A MAXIMUM SMOKE DEVELOPMENT RATING OF 50 IN ACCORDANCE WITH NFPA-90A, PARAGRAPHS 2-3.3.1 AND 2-3.10.1.
 5. PIPING TO BE UNINSULATED: PIPING RUN-OUTS TO FIXTURES (EXCEPT AS NOTED FOR HANDICAP-ACCESSIBLE FIXTURES).
 C. ACCEPTABLE MANUFACTURERS:
 1. MANUFACTURERS' MODEL NUMBERS ARE LISTED TO ESTABLISHED A STANDARD OF QUALITY AND LEVEL OF PERFORMANCE.
 2. EQUIVALENT ITEMS OF THE FOLLOWING MANUFACTURES ARE ACCEPTABLE:
 A. FIXTURES: SEE FIXTURE SCHEDULE.
 1. AMERICAN-STANDARD, ELJER, KOHLER, CRANE, ELKAY, JUST, AND BRIGGS.
 B. FIXTURE TRIM: SEE FIXTURE SCHEDULE
 1. SYMMONS, BRIGGS.
 2. DRAIN AND FIXTURE SPECIALTIES: J.R. SMITH, JOSAM, ZURN.
 A. FLOOR AND EXTERIOR CLEANOUTS: ZURN-1440 OR EQUAL.
 B. WALL CLEANOUT: ZURN-1441 OR EQUAL W/ SMOOTH SECURED COVER.
 C. FLOOR DRAINS: SEE SCHEDULE..
 D. ROOF DRAINS: ZURN-100 OR EQUAL.
 4. WATER COOLERS: SEE FIXTURE SCHEDULE, OASIS, ELKAY, HALSEY TAYLOR.
 5. WATER HEATERS: SEE FIXTURE SCHEDULE, RHEEM, A.O. SMITH, STATE, LOCHINVAR.
 6. WATER SYSTEM SPECIALTIES.
 A. WATER HAMMER ARRESTORS SHALL CONFORM TO PDI WH201 AND ASSE 1010. ACCEPTABLE: ZURN SHOKTROLS 2-1700 OR EQUAL.
 B. WALL HYDRANTS AND HOSE BIBBS: SEE FIXTURE SCHEDULE.
- 2.02 PIPING SPECIALTIES
 A. ESCUTCHEONS SHALL BE MANUFACTURED WALL, CEILING AND FLOOR PLATES; DEEP-PATTERN TYPE WHERE REQUIRED TO CONCEAL PROTRUDING FITTINGS AND SLEEVES. CONSTRUCT OF ONE-PIECE CAST BRASS WITH POLISHED CHROME PLATE FINISH AND SET-SCREW.

- 2.03 PIPE INSULATION
 A. FLEXIBLE ELASTOMERIC CELLULAR INSULATION, TYPE I, ASTM C 534, FLEXIBLE EXPANDED CLOSED-CELL STRUCTURE WITH SMOOTH SKIN ON BOTH SIDES. PRODUCT AS MANUFACTURED BY ARMSTRONG OR EQUIVALENT BY RUBATEX OR HALSTEAD. AVERAGE MAXIMUM THERMAL CONDUCTIVITY SHALL BE 0.30 AT 75 DEG F.
 B. FLEXIBLE ELASTOMERIC CELLULAR INSULATION ADHESIVE, SOLVENT-BASED, CONTACT ADHESIVE RECOMMENDED BY INSULATION MANUFACTURER.
- 2.04 HANGERS AND SUPPORTS
 A. PROVIDE HANDERS, RODS, AND SUPPORT CLAMPS AS REQUIRED TO PROPERLY SUPPORT PIPING AND FLUSH VALVES FROM STRUCTURE.
 B. PROVIDE BUILDING ATTACHMENTS OR CONCRETE INSERTS APPROPRIATE FOR BUILDING MATERIALS.
- 2.05 SLEEVES:
 A. WALLS AND PARTITIONS:
 1. PIPE SLEEVES 8-INCH DIAMETER AND SMALLER (ABOVE GRADE): SLEEVES SHALL BE MILD PIPE OR PLASTIC SLEEVES BUILT INTO WALL, PARTITION OR BEAM, SIZED TO PASS PIPE AND COVERING, LEAVING A CLEAR SPACE OF 1/4-INCH MINIMUM BETWEEN COVERING AND SLEEVE. PENETRATIONS OF FIRE RATED BARRIERS SHALL HAVE MILD STEEL SLEEVES.
 2. PIPE SLEEVES INSTALLED IN EXTERIOR WALLS BELOW GRADE: SCHEDULE 40 STEEL HOT DIPPED GALVANIZED AFTER FABRICATION OR CAST IRON SLEEVE WITH 1/4-INCH X 3-INCH CENTER FLANGE (WATER STOP) AROUND THE OUTSIDE.
 B. PIPE SLEEVES IN FLOORS (ABOVE GRADE): SLEEVES SHALL BE 14 GAUGE GALVANIZED SHEET STEEL OR PLASTIC, SET BEFORE FLOOR IS Poured, SIZED TO PASS PIPE AND COVERING, LEAVING A CLEAR SPACE OF 1/4-INCH BETWEEN COVERING AND SLEEVE, AND SHALL EXTEND 1/2-INCH ABOVE FINISHED FLOOR.
 C. SEALING OF SLEEVES:
 1. SLEEVES BELOW GRADE: CAULK ANNULAR SPACE BETWEEN PIPE AND SLEEVE USING OAKUM AND Poured LEAD BOTH SIDES MINIMUM ONE INCH DEEP TO MAKE WALL PENETRATION WATER TIGHT.
 2. SLEEVES ABOVE GRADE: OPENINGS AROUND PIPES, DUCT, ETC., PASSING THROUGH SLEEVES SHALL BE MADE DRAFT FREE AND VERMIN-PROOF BY PACKING SOLIDLY WITH MINERAL WOOL OR FIBERGLASS.
 3. SEALING OF SLEEVES THROUGH FIRE RATED BARRIERS: OPENINGS AROUND PIPES, ETC., THROUGH FIRE RATED BARRIERS SHALL BE SEALED USING AN U.L. APPROVED METHOD RATED AT LEAST EQUAL TO THE WALL BEING PENETRATED.

PART 3 - EXECUTION

- 3.01 PIPE INSULATION INSTALLATION
 A. INSTALL ONE INCH THICK PIPE INSULATION ON HOT WATER PIPING. INSTALL ONE INCH THICK PIPE INSULATION ON COLD WATER PIPING THAT IS ABOVE THE ROOF INSULATION.
 B. INSTALL INSULATION IN STRICT ACCORDANCE WITH MANUFACTURERS WRITTEN RECOMMENDATIONS.
- 3.02 TESTING OF WATER DISTRIBUTION SYSTEMS
 A. TEST FOR LEAKS AND DEFECTS IN NEW WATER DISTRIBUTION PIPING SYSTEMS. IF TESTING IS PERFORMED IN SEGMENTS, SUBMIT SEPARATE REPORT FOR EACH TEST, COMPLETE WITH DIAGRAM OF PORTION OF SYSTEM TESTED.
 B. LEAVE UNCOVERED AND UNCONCEALED NEW WATER DISTRIBUTION PIPING UNTIL IT HAS BEEN TESTED AND APPROVED. EXPOSE WORK THAT HAS BEEN COVERED OR CONCEALED BEFORE IT HAS BEEN TESTED AND APPROVED FOR TESTING.
 C. CAP AND SUBJECT THE PIPING SYSTEM TO A STATIC WATER PRESSURE OF 50 PSIG ABOVE THE OPERATING PRESSURE WITHOUT EXCEEDING PRESSURE RATING OF PIPING SYSTEM MATERIALS. ISOLATE TEST SOURCE AND ALLOW TO STAND FOR 4 HOURS. LEAKS AND LOSS IN TEST PRESSURE CONSTITUTE DEFECTS THAT MUST BE REPAIRED.
 D. REPAIR LEAKS AND DEFECTS WITH NEW MATERIALS AND RETEST SYSTEM OR PORTION THEREOF UNTIL SATISFACTORY RESULTS ARE OBTAINED.
 E. PREPARE REPORTS FOR TESTS AND REQUIRED CORRECTIVE ACTION.

- 3.03 TESTING OF DRAINAGE AND VENT PIPING SYSTEMS. IF TESTING IS PERFORMED IN SEGMENTS, SUBMIT A SEPARATE REPORT FOR EACH TEST, COMPLETE WITH A DIAGRAM OF THE PORTION OF THE SYSTEM TESTED.
- B. LEAVE UNCOVERED AND UNCONCEALED NEW DRAINAGE AND VENT PIPING UNTIL IT HAS BEEN TESTED AND APPROVED. EXPOSE FOR TESTING WORK THAT HAS BEEN COVERED OR CONCEALED BEFORE IT HAS BEEN TESTED AND APPROVED.
- C. TEST PIPING OF PLUMBING DRAINAGE AND VENTING SYSTEMS ON COMPLETION OF ROUGH-IN PIPING INSTALLATION. TIGHTLY CLOSE ALL OPENINGS IN PIPING SYSTEM AND FILL WITH WATER TO POINT OF OVERFLOW, BUT NOT LESS THAN 5 FEET HEAD OF WATER. WATER LEVEL SHALL NOT DROP DURING THE PERIOD FROM 15 MINUTES BEFORE INSPECTION STARTS THROUGH COMPLETION OF INSPECTION. INSPECT JOINTS FOR LEAKS. AFTER PLUMBING FIXTURES HAVE BEEN SET AND THEIR TRAPS FILLED WITH WATER, TEST CONNECTIONS AND PROVE GASIGHT AND WATERTIGHT. PLUG STACK OPENINGS ON ROOF AND BUILDING DRAIN WHERE IT LEAVES THE BUILDING AND INTRODUCE AIR INTO THE SYSTEM EQUAL TO PRESSURE OF 1-INCH WATER COLUMN. USE A U TUBE OR MANOMETER INSERTED IN THE TRAP OF A WATER CLOSET TO MEASURE THIS PRESSURE. AIR PRESSURE SHALL REMAIN CONSTANT WITHOUT INTRODUCING ADDITIONAL AIR THROUGHOUT PERIOD OF INSPECTION. INSPECT PLUMBING FIXTURE CONNECTIONS FOR GAS AND WATER LEAKS.
- D. REPAIR LEAKS AND DEFECTS USING NEW MATERIALS AND RETEST SYSTEM OR PORTION THEREOF UNTIL SATISFACTORY RESULTS ARE OBTAINED.
- E. PREPARE REPORTS FOR TESTS AND REQUIRED CORRECTIVE ACTION.

- 3.04 CLEANING
 A. PURGE NEW POTABLE WATER DISTRIBUTION PIPING SYSTEMS PRIOR TO USE.
 B. USE PURGING AND DISINFECTING PROCEDURE PRESCRIBED BY AUTHORITY HAVING JURISDICTION OR, IF A METHOD IS NOT PRESCRIBED BY THAT AUTHORITY, THE PROCEDURE DESCRIBED IN EITHER AWWA C651 OR AWWA C652OR AS DESCRIBED BELOW:
 1. FLUSH PIPING SYSTEM WITH CLEAN, POTABLE WATER UNTIL DIRTY WATER DOES NOT APPEAR AT OUTLETS.
 2. FILL SYSTEM OR PART THEREOF WITH WATER/CHLORINE SOLUTION CONTAINING AT LEAST 50 PARTS PER MILLION OF CHLORINE. ISOLATE (VALVE OFF) AND ALLOW TO STAND FOR 24 HOURS. PROVIDE PROPER SIGNAGE TO PREVENT ACCIDENTAL USE DURING DISINFECTION.
 3. DRAIN SYSTEM OR PART THERE OF OF PREVIOUS SOLUTION AND REFILL WITH WATER/CHLORINE SOLUTION CONTAINING AT LEAST 200 PARTS PER MILLION OF CHLORINE. ISOLATE AND ALLOW TO STAND FOR 3 HOURS.
 4. FLUSH SYSTEM WITH CLEAN, POTABLE WATER UNTIL CHLORINE DOES NOT REMAIN IN WATER COMING FROM SYSTEM FOLLOWING ALLOWED STANDING TIME.
 C. SUBMIT WATER SAMPLES IN STERILE BOTTLES TO AUTHORITY HAVING JURISDICTION. REPEAT PROCEDURE IF BIOLOGICAL EXAMINATION MADE BY THE AUTHORITY SHOWS EVIDENCE OF CONTAMINATION.
 D. PREPARE AND SUBMIT REPORTS FOR PURGING AND DISINFECTING ACTIVITIES.
 E. CLEAN INTERIOR OF PIPING SYSTEM. REMOVE DIRT AND DEBRIS AS WORK PROGRESSES.
- 3.05 AS-BUILT DRAWINGS
 A. UPON COMPLETION OF INSTALLATION, THE CONTRACTOR SHALL FURNISH TO THE ARCHITECT A SET OF DRAWINGS, MARKED TO SCALE, INDICATING THE SIZE AND LOCATION OF PIPING AND DUCTS, AND NOTING MAJOR CHANGES MADE DURING CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN THE DRAWINGS FROM THE ARCHITECT AND SHALL BEAR ALL COSTS IN OBTAINING THE DRAWINGS AND PROVIDING THE AS-BUILT DRAWINGS. THE CONTRACTOR SHALL DELIVER THE DRAWINGS PLUS TWO SETS OF AS-BUILT DRAWINGS TO THE ARCHITECT. EACH SHEET IN EACH SET SHALL BE SIGNED BY A PRINCIPAL REPRESENTATIVE OF THE CONTRACTOR, DATED AND HAVE "AS-BUILT" STAMPED NEAR THE SIGNATURE. DRAWINGS SHALL GIVE ACCURATE DIMENSIONS MEASURED FROM COLUMNS, WALLS, BEAMS AND OTHER FIXED PARTS OF THE BUILDING TO THE CONCEALED MATERIALS. THE CONTRACTOR SHALL MAINTAIN A SET OF DRAWINGS AT THE SITE AND EACH DAY SHALL RECORD INSTALLATION OF PIPE, DUCTS, ETC. TO INSURE ACCURATE "AS-BUILT" DRAWINGS. THE CONTRACTOR SHALL ALSO FURNISH A SET OF DRAWINGS AND TWO SETS OF CONTRACTOR SIGNED AND DATED AS-BUILT DRAWINGS OF THE CONTROLS.
- 3.06 GUARANTEE AND SERVICE
 A. IN ADDITION TO THE GUARANTEE OF EQUIPMENT BY THE MANUFACTURER OF EACH PIECE OF EQUIPMENT SPECIFIED HEREIN, THE MECHANICAL CONTRACTOR SHALL ALSO GUARANTEE SUCH EQUIPMENT AND SHALL BE HELD RESPONSIBLE FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE FOR NECESSARY ADJUSTMENTS AND/OR REPLACEMENTS OF ALL DEFECTIVE EQUIPMENT, MATERIALS AND WORKMANSHIP WITHOUT EXPENSE TO THE OWNER. PROVIDE A LETTER TO THE OWNER STATING THE CONTRACTOR'S GUARANTEE AND DATES OF GUARANTEE COVERAGE.
- 3.07 REMOVAL OF RUBBISH
 A. CONTRACTOR SHALL AT ALL TIMES KEEP PREMISES FREE FROM ACCUMULATIONS OF WASTE MATERIAL OR RUBBISH GENERATED BY WORK UNDER THIS CONTRACT.
- 3.08 EXCAVATION, BACKFILLING AND COMPACTION
 A. ALL EXCAVATION, BACKFILLING, COMPACTION, TESTING, ETC. REQUIRED FOR THE INSTALLATION OF UNDERGROUND PIPING IN THIS DIVISION OF THE SPECIFICATIONS SHALL BE DONE BY THE PLUMBING CONTRACTOR. THIS WORK SHALL BE DONE IN STRICT ACCORDANCE WITH EXCAVATION AND BACKFILLING SECTION OF DIVISION 2.



DESIGN

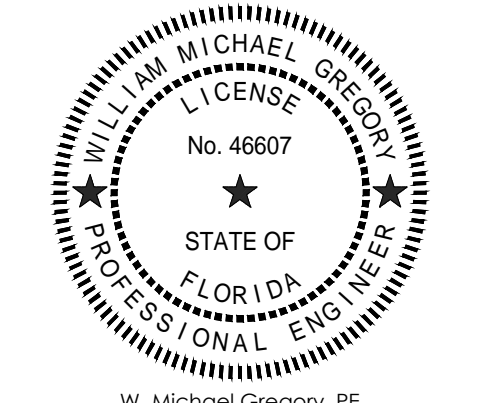
1520 Prudential Drive | Jacksonville, FL 32207
 904.353.8900 (t) 904.353.5948 (f)
 Email info@g4designinc.com | AA2601912

PLANS, DESIGN CONCEPTS, WRITTEN MATERIALS & DRAWINGS ARE NOT TO BE REPRODUCED, ALTERED, COPIED IN ANY FORM OR MANNER, NOR ASSIGNED TO ANY PARTY WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF GROUP 4 DESIGN, INC.

DO NOT SCALE THE DRAWINGS. IF NOT SHOWN, VERIFY CORRECT DIMENSIONS WITH THE ARCHITECT. SCALE NOTED IS FOR FULL "ANSI/D" SIZE PRINTS.

CONTRACTOR SHALL CHECK & VERIFY ALL JOB SITE CONDITIONS.

©2022 Group 4 Design, Inc.



W. Michael Gregory, PE
 FL PE 46607

| Issues and Revisions | | No. | Date | By | Description |
|----------------------|--|----------|------|------------|-------------|
| 01 | | 04/22/22 | IMG | PERMIT SET | |
| 02 | | | | | |
| 03 | | | | | |
| 04 | | | | | |
| 05 | | | | | |
| 06 | | | | | |
| 07 | | | | | |
| 08 | | | | | |
| 09 | | | | | |



Project Number: 22,0017.00

Drawn By: _____

Checked By: _____

Project Name: _____

1649 ATLANTIC _____

OFFICE RENOVATION _____

JACKSONVILLE, FL _____

Drawing Name: _____

PLUMBING _____

SPECIFICATIONS _____

P301