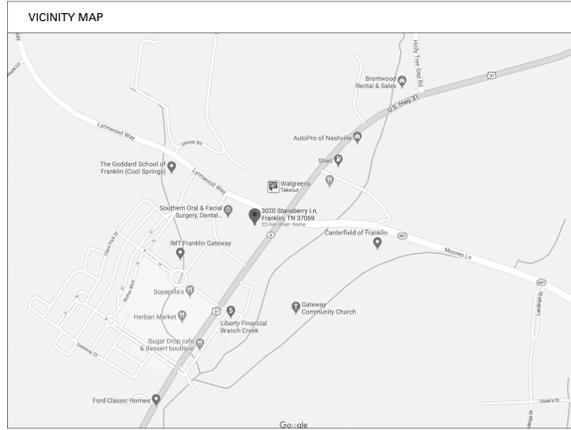


GATEWAY VILLAGE OFFICE BUILDING

2ND FLOOR | SUITE 202



ADDRESS: 3020 STANSBERRY LANE
FRANKLIN, TN 37069

PARCEL ID: 036 05106 00008036

AREA OF WORK: 2ND FLOOR - SUITE 202

SF: 4,181

DRAWING INDEX

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- A3.1 ENLARGED PANTRY PLANS AND ELEVATIONS

PREFER TORODE



PROJECT TEAM

ENGINEER
OLERT ENGINEERING INC.
605 Berry Road
Nashville, TN 37204

ENGINEER
TEC INC. ENGINEERING & DESIGN
33851 Curtis Blvd, 216
Eastlake, OH 44095

FOR PERMIT

GATEWAY VILLAGE OFFICE BUILDING

LOT 136, GATEWAY VILLAGE
3020 STANSBERRY LANE
FRANKLIN, TENNESSEE 37069

ARCHITECTURAL HATCH PATTERNS

ELEVATION		
	BRICK	
	CORRUGATED METAL PANEL	
	METAL PANEL	
	CUT STONE	
	ROUGH CUT STONE	
SECTION		
	EARTH	
	CUT STONE	
	GYP. BOARD/ PLASTER	
	WOOD BLOCKING	
	STEEL	
	GRANULAR FILL	
	FINISHED WOOD	
	ALUMINUM	
	BRICK	
	BATT INSULATION	
	PLYWOOD	
	CONCRETE	
	CONCRETE BLOCK	
	EXT SHEATHING	
	RIGID INSULATION	

ARCHITECTURAL SYMBOLS

	SPACE NUMBER		DETAIL TAG
	ROOM NAME		TOILET ACCESSORIES KEYNOTE
	SECTION TAG		DOOR TAG
	ELEVATION TAG		WINDOW TAG
	KEYNOTE		WALL TYPE
	DEMOLITION KEYNOTE		INTERIOR MATERIAL
	INTERIOR ELEVATION TAG		REVISION
			NORTH ARROW

ARCHITECTURAL ABBREVIATIONS

ABV	ABOVE	EA	EACH	INT	INTERIOR	P LAM	PLASTIC LAMINATE	TENANT	INSTALLED
AFF	ABOVE FINISH FLOOR	EWC	ELECTRIC WATER COOLER	JT	JOINT	PLYWD	PLYWOOD	THK	THICK
ACC FL	ACCESS FLOOR	ELEC	ELECTRIC	KIT	KITCHEN	PT	PRESSURE TREATED	T & G	TONGUE AND GROOVE
ACC PNL	ACCESS PANEL	EMER	EMERGENCY	LAM	LAMINATE	PNT	POINT	TOS	TOP OF SLAB
ACOUS	ACOUSTICAL	ELEV	ELEVATION	LAV	LAVATORY	PVC	POLYVINYL CHLORIDE	TOW	TOP OF WALL
ACT	ACOUSTICAL TILE	ENCL	ENCLOSURE	LAG	LAG BOLT	PSF	POUNDS PER SQUARE FOOT	TOC	TOP OF CONCRETE
ADJ	ADJACENT / ADJUSTABLE	EOS	EDGE OF SLAB	LGT WT	LIGHT WEIGHT	PTL	PROPERTY LINE	TEMP	TEMPERED
ALT	ALTERNATE	EQ	EQUAL	MFR	MANUFACTURING	QAD	QUARRY TILE	T	TINTED
ALUM	ALUMINUM	EQUIP	EQUIPMENT	MAS	MASONRY	QT	QUARTZ	TYP	TYPICAL
ANCH	ANCHOR / ANCHORAGE	EXIST	EXISTING	MCH	MECHANICAL	RAF	RAISED ACCESS FLOORING	TB	TOWEL BAR
ANCHOR BOLT	ANCHOR BOLT	EXP	EXPANDED	MAX	MAXIMUM	REF	REFERENCE	TR	TREAD
ANOD	ANODIZED	EXT	EXTERIOR	MAS	MASONRY	REFR	REFRIGERATOR	TS	TUBE STEEL
APPROX	APPROXIMATE	FA	FIRE ALARM	MO	MASONRY OPENING	REFR	REFRIGERATOR	UNFIN	UNFINISHED
ARCH	ARCHITECTURAL	FF	FIRE FINISH FLOOR	MIR	MIRROR	REIN	REINFORCED	UN	UNLESS OTHERWISE NOTED
AUTO	AUTOMATIC	FE	FIRE EXTINGUISHER	MISC	MISCELLANEOUS	REQD	REQUIRED	VJ	VEE JOINT
BSMT	BASMENT	FEC	FIRE EXTINGUISHER CABINET	MTL	METAL	HDR	HEADER	VARN	VARNISH
BRG	BEARING	FHS	FIRE HOSE STATION	MTD	MOUNTED	RESIL	RESILIENT	VER	VERTICAL
BRG PL	BEARING PLATE	FR	FIRE RETARDANT	MULL	MULLION	RET	RETURN	VEST	VESTIBULE
BLKG	BLOCKING	FWC	FABRIC WALL COVERING	NAT	NATURAL	RA	RETURN AIR	VERT	VERTICAL
BD	BOARD	FLEX	FLEXIBLE	NRC	NOISE REDUCTION COEFFICIENT	RB	RUBBER BASE	VCT	VINYL COMPOSITION TILE
BLDG	BUILDING	FLR	FLOOR	NR	NOISE REDUCTION	R	RISER	VERIF	VERIFY IN FIELD
BLUF	BUILT UP ROOF	FD	FLOOR DRAIN	NOM	NOMINAL	RM	ROOM	VB	VINYL BASE
CAB	CABINET	FTG	FOOTING	NPHB	NON FREEZE HOSE BIB	SCHED	SCHEDULE	VF	VINYL FABRIC
AUTO	AUTOMATIC	CTR	CENTER	NTS	NOT IN CONTRACT	SECT	SECTION	WBSCT	WAINSCOT
CASMT	CASEMENT	FURR	FURRING / FURRED / FURROUT	OC	ON CENTER	SHT	SHEET	WC	WATER CLOSET
CLG	CEILING	FV	FIELD VERIFY	OPNG	OPENING	SHWR	SHOWER	WWM	WELDED WIRE MESH
CLG HT	CEILING HEIGHT	GA	GUAGE	OPP	OPPOSITE	SIM	SIMILAR	WV	WELDED WIRE FABRIC
CERAMIC TILE	CERAMIC TILE	GALV	GALVANIZED	OS	OUTSIDE DIAMETER	SPKR	SPEAKER	W/O	WITHOUT
COL	COLUMN	GC	GENERAL CONTRACTOR	OPH	OPPOSITE HAND	SPEC	SPECIFICATION	WG	WIRED GLASS
CIR	CIRCLE	GL	GLASS / GLAZING	OVH	OVERHEAD	SQ FT	SQUARE FOOT	WO	WOOD
CONC	CONCRETE	GYP	GYP SUM BOARD	OFI	OWNER FURNISHED	CA	CENTERLINE	WT	WEIGHT
CONC	CONCRETE	GYP BD	GYP SUM BOARD	OFI	OWNER FURNISHED	SS	STAINLESS STEEL	CL	CENTERLINE
CONC	CONCRETE	HDW	HARDWARE	OFI	OWNER FURNISHED	STD	STANDARD	CH	CHANNEL
CONC	CONCRETE	HTG	HEATING	OFI	OWNER FURNISHED	STL	STEEL	PL	PLATE
CONC	CONCRETE	HVAC	HEATING / VENTILATION / AIR	OFI	OWNER FURNISHED	STOR	STORAGE	@	AT
CONC	CONCRETE	COND	CONDITIONING	OFI	OWNER FURNISHED	STRUC	STRUCTURE	Ø	DIAMETER
CONC	CONCRETE	HT	HEIGHT	OFI	OWNER FURNISHED	SUSP	SUSPENDED	#	PLUS OR MINUS
CONC	CONCRETE	HEX	HEXAGONAL	OFI	OWNER FURNISHED	SYM	SYMMETRICAL	#	FOUND / NUMBER
CONC	CONCRETE	HP	HIGH POINT	OFI	OWNER FURNISHED	STC	SOUND TRANSMISSION CLASS	FT²	SQUARE FEET
CONC	CONCRETE	HC	HOLLOW CORE	OFI	OWNER FURNISHED	TEL	TELEPHONE	SYS	SYSTEM
CONC	CONCRETE	HB	HORSE BIB	OFI	OWNER FURNISHED	TV	TELEVISION / MONITOR		
CONC	CONCRETE	HORIZ	HORIZONTAL	OFI	OWNER FURNISHED	TFCI	TENANT FURNISHED		
CONC	CONCRETE	INCL	INCLUDE	OFI	OWNER FURNISHED	REFR	REFRIGERATOR		
CONC	CONCRETE	IA	INSIDE DIAMETER	OFI	OWNER FURNISHED	TFTI	TENANT FURNISHED		
CONC	CONCRETE	INSUL	INSULATE / INSULATION	OFI	OWNER FURNISHED	PLAS	PLASTIC		

GENERAL NOTES

- THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, AIA DOCUMENT A201, 1997 EDITION, PUBLISHED BY THE AMERICAN INSTITUTE OF ARCHITECTS AND EXCEPT AS MODIFIED BY THE ARCHITECT'S "SUPPLEMENTARY CONDITIONS", ARE THE CONDITIONS ON WHICH CONTRACTS FOR THIS WORK WILL BE BASED.
- THIS DOCUMENT IS PROVIDED FOR BASIC CONSTRUCTION PURPOSES ONLY. THE ARCHITECT DOES NOT WARRANT ANY MATERIAL, EQUIPMENT, HARDWARE, ETC. WHETHER IMPLIED OR EXPLICITLY.
- JOB SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ALL GENERAL NOTES APPLY TO THE SCOPE OF THIS TOTAL PROJECT, REGARDLESS OF WHETHER OR NOT THEY ARE KEYS ON EVERY SHEET TO A SPECIFIC DETAIL.
- THE GENERAL CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION MEETS OR EXCEEDS APPLICABLE CODES AND STANDARD PRACTICES, INCLUDING ALL FEDERAL, STATE, AND LOCAL BUILDING AND ACCESSIBILITY REQUIREMENTS AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY VIOLATION OF THE SAME AND SHALL MAKE ALL WORK ACCEPTABLE TO THE PUBLIC DEPARTMENT INVOLVED WITHOUT EXTRA CHARGE.
- THE CONTRACTOR SHALL VERIFY DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCY.
- ALL ITEMS DEPICTED GRAPHICALLY, WHETHER NOTED OR NOT, ARE PART OF THE CONTRACTOR'S SCOPE OF WORK AND SHALL BE PROVIDED AT NO EXTRA CHARGE.
- ALL PERMITS (OCCUPANCY, ELECTRICAL, PLUMBING, AND ALL OTHERS) REQUIRED BY STATE AND LOCAL CODES, EXCEPT THOSE ACQUIRED BY SUBCONTRACTORS, ARE TO BE SECURED BY THE GENERAL CONTRACTOR.
- EACH TRADE SHALL VERIFY ALL REQUIREMENTS PERTAINING TO WORK PERFORMED IN THE PROJECT AND OBTAIN ANY REQUIRED PERMITS. ALL SUBCONTRACTORS SHALL DIRECT QUESTIONS, CHANGES, OR REQUESTS THROUGH THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR SHALL SUBMIT ALL REQUESTS, CHANGES OR QUESTIONS TO THE ARCHITECT.
- THE GENERAL CONTRACTOR SHALL CONFIRM THAT THE LAYOUT OF THE SPACE CAN BE ACCOMPLISHED AS DESIGNED. THE ARCHITECT MUST BE NOTIFIED OF ANY PROBLEMS WITH PROPOSED WALL LOCATIONS AFTER THE CHALK LINES ARE IN PLACE AND BEFORE THE FRAMING IS FASTENED OR THE MASONRY IS PLACED IN ORDER TO MAKE APPROPRIATE DECISIONS OR ANY NECESSARY ADJUSTMENTS.
- IF UNANTICIPATED MECHANICAL, PLUMBING, ELECTRICAL, STRUCTURAL ELEMENTS OR ANY OTHER CONDITIONS ARE ENCOUNTERED WHICH MIGHT CONFLICT WITH THE INTENDED FUNCTION, CONTACT THE ARCHITECT IMMEDIATELY FOR CLARIFICATIONS.
- THE GENERAL CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS TO PROTECT BUILDING OCCUPANTS, MATERIALS AND EXISTING FINISHES THROUGHOUT ALL PHASES OF CONSTRUCTION. NOISE, SECURITY AND DUST BARRIERS BETWEEN CONSTRUCTION AREA AND AREAS WHICH ARE PUBLIC OR OTHERWISE OCCUPIED SHALL BE MAINTAINED BY THE GENERAL CONTRACTOR.
- FOR THE ENTIRE LENGTH OF CONTRACT WORK, CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL EXITS, EXIT LIGHTING, FIRE PROTECTION DEVICES AND ALARMS TO CONFORM TO LOCAL BUILDING CODE REQUIREMENTS.
- PROVIDE "CUTTING AND PATCHING" INTO EXISTING CONSTRUCTION FOR THE INSTALLATION OR PERFORMANCE OF OTHER WORK AND SUBSEQUENT FITTING AND PATCHING REQUIRED TO RESTORE SURFACES TO THEIR ORIGINAL CONDITION. DO NOT CUT AND PATCH WORK EXPOSED ON THE BUILDING'S EXTERIOR OR ITS OCCUPIED SPACES IN A MANNER WHICH WOULD, IN THE ARCHITECT'S OPINION, RESULT IN LESSENING THE BUILDING'S AESTHETIC QUALITIES. DO NOT CUT AND PATCH WORK IN A MANNER THAT WOULD RESULT IN SUBSTANTIAL VISUAL EVIDENCE OF CUT AND PATCH WORK. REMOVE AND REPLACE WORK JUDGED BY THE ARCHITECT TO BE CUT AND PATCHED IN A VISUALLY UNSATISFACTORY MANNER WITHOUT EXTRA CHARGE.
- THE CONTRACTOR SHALL PROMPTLY REMEDY ANY DAMAGE AND/OR LOSS TO PROPERTY (ALL MATERIALS AND EQUIPMENT INCORPORATED IN THE WORK DESCRIBED HEREIN) CAUSED IN WHOLE OR IN PART BY THE CONTRACTOR, A SUBCONTRACTOR, OR ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY ANY OF THEM.
- CONTRACTOR SHALL REINFORCE WOOD STUD CONSTRUCTION WITH FIRE RESISTANT WOOD BLOCKING AT ALL LOCATIONS WHERE HANDRAILS, MIRRORS, SIGNAGE, ACCESSORIES, MILLWORK, AND EQUIPMENT ARE TO BE INSTALLED

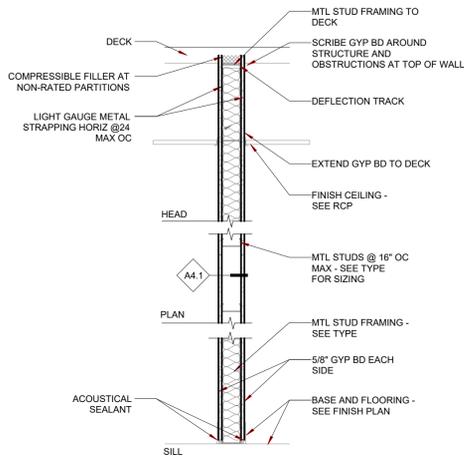
ARCHITECTURAL NOTES

- THE GENERAL CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH THE OWNER AND OBTAIN ANY CONSTRUCTION REGULATIONS PRIOR TO BEGINNING WORK. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ABIDING BY THE OWNER'S REGULATIONS AND SHALL NOTIFY THE ARCHITECT OF ANY COST IMPLICATIONS TO THE TENANT AS A RESULT OF THE REGULATIONS.
- NO BUILDING MATERIALS CONTAINING ASBESTOS OR ANY OTHER HAZARDOUS MATERIALS SHALL BE INSTALLED ON THIS PROJECT.
- CONTRACTOR SHALL COORDINATE STUD SIZE AND GAUGE NECESSARY FOR HEIGHT OF WALL, AS WELL AS FOR STRUCTURAL, MECHANICAL, PLUMBING, OR ELECTRICAL CLEARANCES PRIOR TO BEGINNING CONSTRUCTION. ANY DISCREPANCIES WITH LAYOUT AS DIMENSIONED SHALL BE COORDINATED IMMEDIATELY WITH ARCHITECT.
- CONTRACTOR SHALL REINFORCE METAL STUD CONSTRUCTION WITH FIRE RESISTANT BLOCKING AT ALL LOCATIONS WHERE MIRRORS, ACCESSORIES, MILLWORK, HANDRAILS, ETC. WILL BE INSTALLED.
- FIRE-RATED PARTITIONS SHALL BE IDENTIFIED AS SUCH IN LARGE RED STENCIL ABOVE FINISHED CEILING.
- THE GENERAL CONTRACTOR SHALL MAINTAIN ALL RATING OF ALL REQUIRED RATED WALLS AT ALL INTERSECTIONS, CONNECTIONS, AND PENETRATIONS.
- ALL DIMENSIONS ARE FROM FINISH FACE OF GYPSUM BOARD TO FINISH FACE OF GYPSUM BOARD OF NEW CONSTRUCTION UNLESS OTHERWISE NOTED.
- NEW GYPSUM BOARD CONSTRUCTION MEETING EXISTING CONSTRUCTION IN SAME PLANE SHALL BE FLUSH WITH NO VISIBLE JOINT.
- MATERIALS PROVIDED SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN RECOMMENDATION AND PER CODE REQUIREMENTS.
- WHEN MAKING SAW CUTS OR TRENCHING CONCRETE TO RUN ELECTRICAL POWER OR DATA TO FURNISHINGS, FILL IN AND PATCH SLAB AROUND AREA REMOVED AND AROUND ELECTRICAL BOXES.
- CONTRACTOR TO VERIFY AND PROVIDE ALL ELECTRICAL REQUIREMENTS FOR ALL O.F.A. AND C.F.C.I EQUIPMENT AND APPLIANCES, INCLUDING BUT NOT LIMITED TO COFFEE MAKERS, MICROWAVES, REFRIGERATORS COPIERS, FAX MACHINES, PRINTERS, ETC.
- CONTRACTOR TO COORDINATE WITH THE OWNER FINAL LOCATIONS AND ELECTRICAL REQUIREMENTS OF OWNER FURNISHED EQUIPMENT AND FURNITURE.
- CONTRACTOR SHALL PROVIDE ALL CLOSE-OUT DOCUMENTATION REQUIRED BY THE BUILDING MANAGEMENT
- PROVIDE WOOD BLOCKING (FIRE-RETARDANT WHERE REQUIRED BY CODE) INSIDE PARTITIONS FOR SECURING WALL-HUNG CABINETS (FOI & FCI), SHELVS, TRIM, MILLWORK, AND OTHER ELEMENTS ATTACHED TO PARTITIONS AS REQUIRED TO ENSURE FLUSH, STRAIGHT, WELL-SECURED CONDITIONS.
- COMPLY WITH ALL APPLICABLE ACCESSIBILITY CODES WHEN INSTALLING AND FRAMING OPENINGS FOR DOORS
- CONTRACTOR TO SCHEDULE AND COORDINATE AN ELECTRICAL ROUGH-IN REVIEW WITH ARCHITECT PRIOR TO CLOSING UP WALLS. ARCHITECT SHALL BE ABLE TO MODIFY ROUGH-IN LOCATIONS WITH NO IMPACT TO PROJECT.
- WHEN GRAPHICALLY DEPICTED IN SIMILAR LOCATIONS, ALIGN OUTLETS, THERMOSTATS, AND/OR FIRE PROTECTION DEVICES VERTICALLY. OUTLETS GRAPHICALLY DEPICTED TO BE CENTERED IN A PARTICULAR WALL SHOULD BE MEASURED IN THE FIELD AND LOCATED IN THE CENTER OF THE WALL UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL PROVIDE AND INSTALL GYP BD CONTROL JOINTS IN VERTICAL PARTITION SURFACES AT 30" (MAX) INTERVALS, AND IN GYP BD CEILINGS IN EITHER DIRECTION AT 50" (MAX) INTERVALS (LIMIT AREA OF 2,500 SF MAX). ALL JOINTS AND SPACING SHALL MEET THE REQUIREMENTS OF ASTM C840. COORDINATE ALL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- PROVIDE CODE REQUIRED SIGNAGE (INCLUDING THAT AT RESTROOMS) WITH BLACK BACKGROUND, SQUARE CORNERS, AND FONT STYLE "FUTURA" IN COLOR SILVER UNLESS OTHERWISE NOTED. INTERIOR SIGNAGE (NOT REQUIRED BY CODES) WILL BE PROVIDED AND INSTALLED BY THE OWNER UNLESS OTHERWISE NOTED.

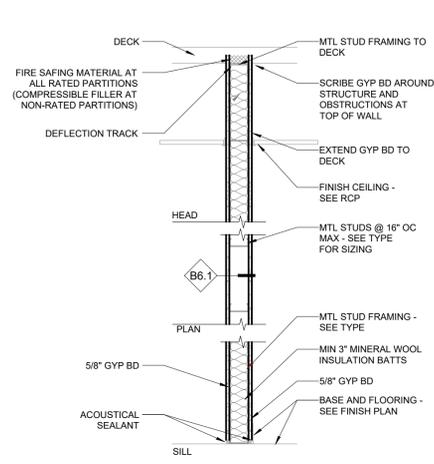
21014 GATEWAY 02.19.2021

COVER SHEET AND GENERAL NOTES

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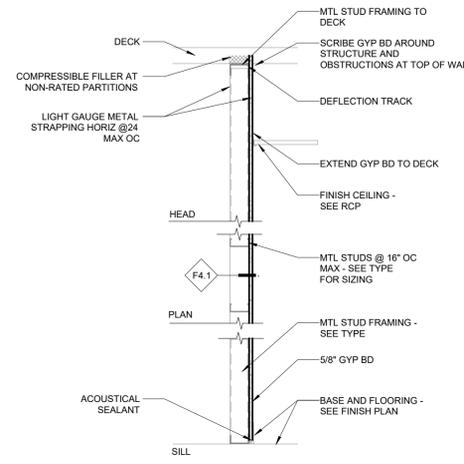


TYPE	DESCRIPTION
A4	3 5/8\" MTL STUD W/ SOUND BATT
A6	6\" MTL STUD W/ SOUND BATT
A8	8\" MTL STUD W/ SOUND BATT
A10	10\" MTL STUD W/ SOUND BATT

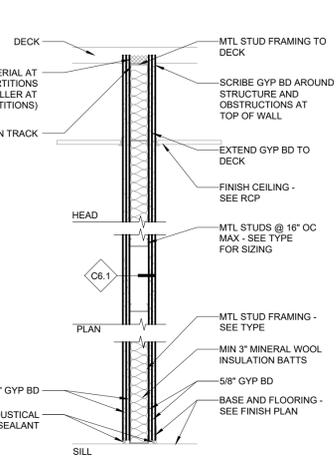


TYPE	DESCRIPTION
B4	3 5/8\" MTL STUD
B6	6\" MTL STUD

RATED PARTITIONS THIS TYPE - REF UL DESIGN NO U419
MINIMUM STC = 50



TYPE	DESCRIPTION
F1	0-7/8\" MTL HAT CHANNEL
F2	2-1/2\" MTL STUD
F4	3-5/8\" MTL STUD
F6	6\" MTL STUD



TYPE	DESCRIPTION
C4	3 5/8\" MTL STUD
C6	6\" MTL STUD

RATED PARTITIONS THIS TYPE - REF UL DESIGN NO U419
MINIMUM STC = 50

A NONRATED PARTITION TO DECK

B 1 HR RATED WALL

F FURRING

C NON-BEARING 2 HR RATED WALL

Design No. K506

BRUV K506
Fire Resistance Ratings ANSUIUL 263
May 20, 2019
Nonbearing Horizontal Fire Separation — 2 Hr
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

- Perimeter Channels** — C-Shape runner min. 6 in. deep with min. 2 in. legs and formed from min. No. 20 MSG galv. steel (0.0329 in. thick bare metal thickness). Perimeter channels attached to wall structure with fasteners spaced not greater than 24 in. O.C. at both the top and bottom of the vertical leg.
- Steel Studs** — Min. 6 in. wide with min. 1-5/8 in. legs containing folded back flanges and formed from min. No. 20 MSG galv. steel (0.0329 in. thick bare metal thickness). Studs to be cut 1/2 in. to 3/4 in. less than the span between the vertical legs of the perimeter channels. Studs spaced a max. 24 in. O.C. At each end of the stud, the un-faced side shall be secured to the perimeter channel with one 1/2 in. long pan-head steel screw. Studs are used at each end of the horizontal barrier to terminate the assembly at the adjoining wall. These end studs shall be secured to the adjoining wall in the same manner as the perimeter channels (Item 1).
- Steel Strap** — Min. 4 in. wide formed from min. No. 20 MSG galv. steel (0.0329 in. thick bare metal thickness). Secured perpendicular to the studs at the centerline of the span using a 1/2 in. long pan-head steel screw. Straps to overlap one full stud bay at splice locations.
- Resilient Channels** — Formed from min 25 MSG galv steel installed perpendicular to steel studs spaced 16 in. OC. Channels overlapped 4 in. at splices and secured to steel framing members with 2-1/4 in. long Types S or S-12 steel screws after first, second and third layers of gypsum board are secured to steel studs. Two channels, spaced 3 in. from each gypsum board butt joint as shown on the illustration above.
- Furring Channels** — (Alternate to Item 4A) — Hat shaped channels, 7/8 in. deep, formed from min 25 MSG galv steel installed perpendicular to steel framing members spaced 16 in. OC. Furring channels overlapped 2-1/2 in. at splices and secured to steel framing members with two 2-1/4 in. long Type S steel screws after first, second and third layers of gypsum board are secured to steel studs. Two channels, spaced 3 in. from each gypsum board butted end joint.
- Gypsum Board*** — Four layers of nom 5/8 in. thick, 4 ft wide gypsum board. First three layers installed with long dimension perpendicular to bottom flange of steel studs. Adjacent butt joints staggered approximately 4 ft OC. Overlapping layers installed so that the tapered edges are offset min 12 in. from previous layer. Base layer fastened to bottom flange of steel studs with 1-1/4 in. long Type S-12 steel screws spaced 12 in. OC. Second layer secured to bottom flange of steel studs with 2 in. long Type S-12 steel screws spaced 12 in. OC. Third layer secured to bottom flange of steel studs with 2-1/2 in. Type S-12 steel screws spaced 12 in. OC. Fourth layer secured to resilient or furring channels with 1-1/8 in. long Type S steel screws spaced 12 in. OC. Screws to be spaced 3 in. from butted end joints and 1 in. from tapered end joints.
- Finishing System** — (Not Shown) — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads. Nom 2 in. wide paper tape embedded in first layer of compound over all joints. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum board if specified by the manufacturer.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Design No. U419

BRUV U419
Fire Resistance Ratings ANSUIUL 263
SEPTEMBER 13, 2019
Nonbearing Wall Rating — 1, 2, 3 or 4 Hr (See Items 4 & 5 through 5K)
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

- Floor and Ceiling Runners** — (Not Shown) — For use with Item 2 — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.
- Steel Studs** — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
- Wood Structural Panel Sheathing** — (Optional, For use with Item 5 Only) — (Not Shown) — 4 ft wide, 7/16 in. thick oriented strand board (OSB) or 15/32 in. thick structural 1 sheathing (plywood) complying with DOC P51 or PS2, or APA Standard PRP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Attached to studs with flat-head self-drilling tapping screws with a min. head diam. of 0.292 in. at maximum 6 in. OC. in the perimeter and 12 in. OC. in the field. When used, gypsum panels attached over OSB or plywood panels and fastener lengths for gypsum panels increased by min. 1/2 in.
- Batts and Blankets*** — (Required as indicated under Item 5) — Mineral wool batts, friction fitted between studs and runners. Min nom thickness as indicated under Item 5.
- Gypsum Board*** — Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall			
Rating, Hr	Min Stud Depth, in.	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4)
1	2, 2C, 2D, 2F, 2G, 2O	3-1/2" 1 layer, 5/8 in. thick	Optional
1	2-1/2"	1 layer, 1/2 in. thick	1-1/2 in.
1	1-5/8"	1 layer, 3/4 in. thick	Optional
2	1-5/8"	2 layers, 1/2 in. thick	Optional
2	1-5/8"	2 layers, 5/8 in. thick	Optional
2	3-1/2"	1 layer, 3/4 in. thick	3 in.
3	1-5/8"	3 layers, 1/2 in. thick	Optional
3	1-5/8"	2 layers, 3/4 in. thick	Optional
3	1-5/8"	3 layers, 5/8 in. thick	Optional
4	1-5/8"	4 layers, 5/8 in. thick	Optional
4	1-5/8"	4 layers, 1/2 in. thick	Optional
4	2-1/2"	2 layers, 3/4 in. thick	2 in.

- Fasteners** — (Not Shown) — For use with Items 2 and 2F - Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 7). Single layer systems: 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. Two layer systems: First layer - 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer - 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer. Three-layer systems: First layer - 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer - 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer - 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. Four-layer systems: First layer - 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer - 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer - 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer - 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.
- Furring Channels** — (Optional, Not Shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Item 5A.
- Joint Tape and Compound** — Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer layer panels. Paper tape and joint compound may be omitted when gypsum panels are supplied with a square edge.
- Siding, Brick or Stucco** — (Optional, Not Shown) — Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies, installed over gypsum panels. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.
- Caulking and Sealants*** — (Optional, Not Shown) — A bead of acoustical sealant applied around the partition perimeter for sound control.
- Lead Batten Strips** — (Not Shown, For Use With Item 5B) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-2011, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5B) and optional at remaining stud locations. Required behind vertical joints.
- Lead Discs or Tabs** — (Not Shown, For Use With Item 5B) — Used in lieu of or in addition to the lead batten strips (Item 11) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5B) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-2011, Grade "C".
- Lead Batten Strips** — (Not Shown, For Use With Item 5E) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-2011, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5E) and optional at remaining stud locations.
- Lead Tabs** — (Not Shown, For Use With Item 5E) — 2 in. wide, 5 in. long with a max thickness of 0.142 in. Tabs friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum boards, Item 5E) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal specification QQ-L-2011, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary.
- Barrier Mesh** — (Optional, Not Shown) — Attached to steel studs on one or both sides of the wall using Barrier Mesh Clips spaced at maximum 12 inches on center vertically, using a flat head type screw penetrating through the steel at least 3/8 of an inch. For Steel Studs less than 0.033 inches in thickness, use self-piercing screws. For Steel Studs equal to or greater than 0.033 inches in thickness, use steel drill screws (self-tapping). Gypsum Board (Item 5) to be installed directly over the Barrier Mesh using prescribed screw patterns with lengths increased by a minimum 1/8 in. Barrier Mesh may be installed with the long dimension of the diamond pattern positioned vertically or horizontally. Barrier Mesh joints may occur as butt joints at the framing members and secured using the Barrier Mesh Clips or occur in between framing members as overlapping joints secured using 18 SWG wire ties spaced a maximum 12 in. on center.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

PARTITION RATING INDICATOR

PARTITION TYPE LEGEND

A4.1

MODIFIER IF REQD
BASIC SIZE
PARTITION TYPE

BASIC SIZE GUIDE
METAL STUD SIZES (16" OC MAX)
0 = 7/8" HAT CHANNEL
1 = 1-1/2"
2 = 2-1/2"
3 = 3-1/2"
4 = 3-5/8"
6 = 6"
8 = 8"
9 = 9-1/4"
10 = 10"
12 = 12"

CMJ SIZES
4 = 3-5/8"
6 = 5-5/8"
8 = 7-5/8"
12 = 11-5/8"

C-H STUD SIZES (24" OC MAX)
2 = 2-1/2"
4 = 4"
6 = 6"

PARTITION TYPES
METAL STUD: TYPES A-L
MASONRY (CMJ): TYPES M-R
SHAFT WALLS: TYPES S-V
WOOD STUD: TYPES W-X

WOOD STUD SIZES (16" OC MAX)
4 = 2x4 (8-12)
6 = 2x6 (8-12)
8 = 2x8 (7-14)

MODIFIER KEY

WALL PRIORITY LEGEND

GENERAL NOTES

- ALL STUDS LESS THAN 12 TALL SHALL BE 20 GAUGE MINIMUM UNLESS NOTED OTHERWISE IN PLANS OR SPECIFICATIONS. ALL STUDS EXCEEDING 12 SHALL BE 18 GAUGE MINIMUM UNLESS NOTED OTHERWISE. REFER TO SPECIFICATIONS FOR DEFLECTION REQUIREMENTS AND PROVIDE SIZES AND SPACING AS NECESSARY TO MEET OR EXCEED CRITERIA SPECIFIED.
- SLEEVE AND SEAL ALL WALL PENETRATIONS. REFER TO SPECIFICATIONS FOR EXECUTION REQUIREMENTS.
- PROVIDE DECK FILLER AND SEALANT AT INTERSECTIONS OF PARTITIONS AND UNDERSIDE OF STRUCTURE.
- REFER TO SPECIFICATION REQUIREMENTS FOR ADDITIONAL REQUIREMENTS FOR SEALANT AND TREATMENT OF WALL PENETRATIONS AT SPECIALTY AREAS INCLUDING BUT NOT LIMITED TO SPECIALTY LABS, MECHANICAL AREAS, AND SPECIAL CONTAINMENT AREAS.
- REFER TO FINISH SCHEDULE FOR LOCATIONS OF FINISHES INCLUDING CERAMIC TILE, WOODWORK, AND FRP. OVERALL WIDTH SHOWN FOR PARTITION TYPES IS EXCLUSIVE OF THICKNESS OF APPLIED FINISH MATERIALS, UNO.
- REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS FOR REINFORCEMENT OF MASONRY WALLS.
- REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR CROSS-BRIDGING, HORIZONTAL BRACING AND OTHER REQUIREMENTS FOR PARTITIONS.
- PROVIDE DOUBLE STUD JAMBS UP TO STRUCTURE ABOVE AT ALL OPENINGS. REINFORCE OPENING HEADS AND SILLS AS REQUIRED TO MEET DEFLECTION CRITERIA.
- UNLESS OTHERWISE NOTED ON PLANS OR SPECIFICATIONS, PROVIDE 5/8" TYPE 'X' FIRE RATED GYP BD AT ALL PARTITIONS.
- REFER TO LIFE SAFETY PLANS AND FLOOR PLANS FOR LOCATIONS OF FIRE RATED PARTITIONS. PROVIDE FIRE RATED ASSEMBLY IN FULL COMPLIANCE WITH REFERENCED UNDERWRITERS LABORATORIES SYSTEM.
- PROVIDE SEALANT JOINT BETWEEN BOTTOM OF GYP BD AND FLOOR SLAB AT ALL PARTITIONS.
- PROVIDE CEMENT BACKER BOARD BEHIND ALL TILE LOCATIONS.
- PROVIDE WOOD BLOCKING PER SPECIFICATION REQUIREMENTS FOR ALL CLOSETS, CASEWORK, COUNTERTOPS, CABINETS, SHELVES, DOOR STOPS, RAILINGS, CRAB BARS, SPECIALTIES, MILLWORK, AND OTHER ITEMS ATTACHED TO AND SUPPORTED FROM WALLS TO PROVIDE SOLID ATTACHMENT. PROVIDE ADDITIONAL BLOCKING AT ANY LOCATIONS INDICATED IN PLANS. SPECIFICATIONS OR DETAILS.
- REFER TO PARTITION TYPES FOR REQUIRED STC RATINGS.
- PROVIDE MOISTURE RESISTANT GYP BD AT ALL WET WALL OR WET AREA LOCATIONS.

PREFER TORODE

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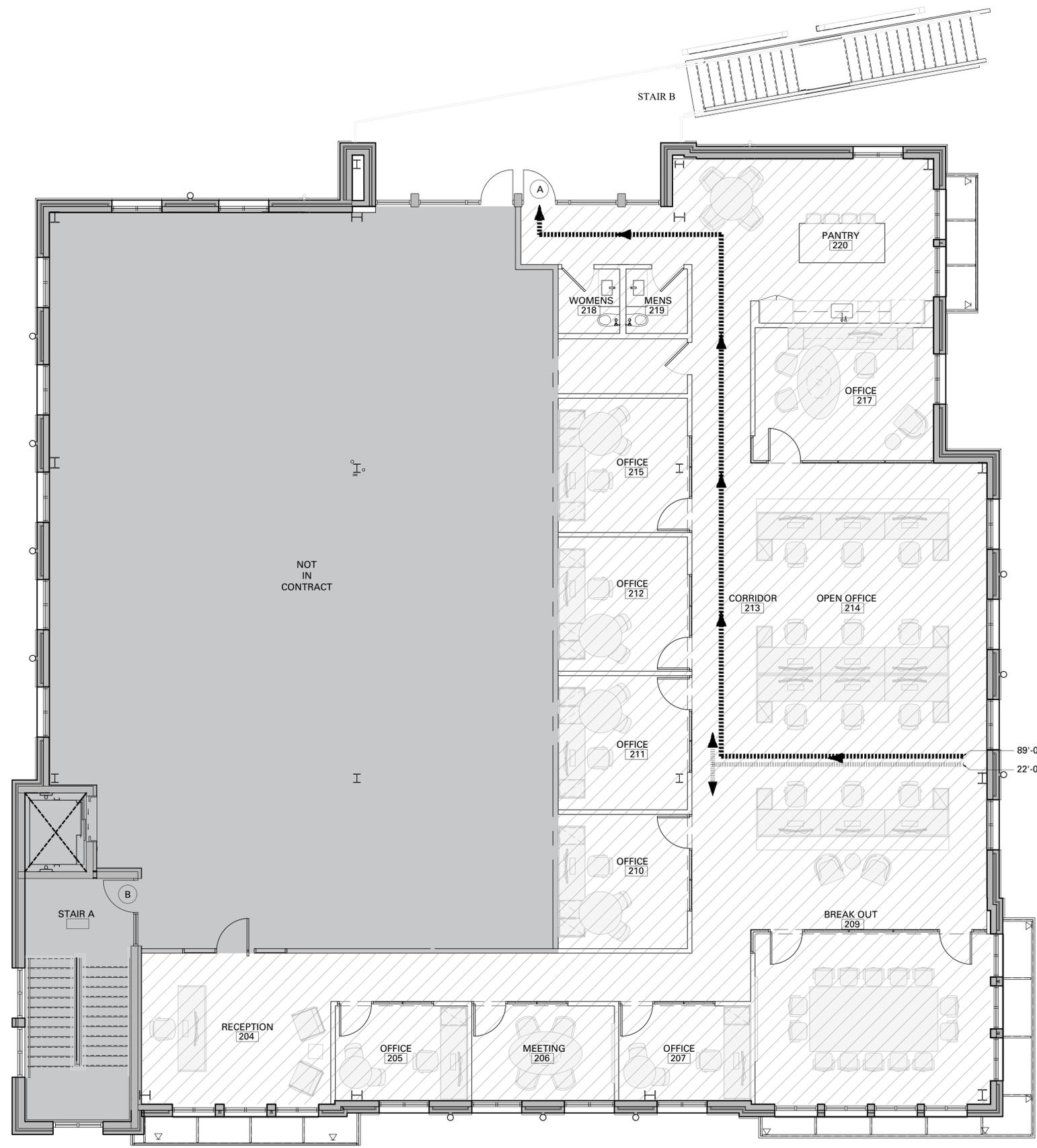
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PARTITION TYPES AND RATED ASSEMBLIES

G0.2



LIFE SAFETY LEGEND

- OFFICE
150 SF PER OCC (GROSS)
- COMMON PATH OF EGRESS TRAVEL
- TRAVEL DISTANCE
- DIRECTION OF TRAVEL
- EGRESS DOOR = 3' - 0"
34" CLEAR @ .3" = 113 OCCUPANTS
- EGRESS DOOR = 3' - 0"
34" CLEAR @ .3" = 113 OCCUPANTS

APPLICABLE CODES

- 2018 INTERNATIONAL BUILDING CODE W/ LOCAL AMENDMENTS
- 2018 INTERNATIONAL ENERGY CONSERVATION CODE
- 2017 ICC/ANSI A-117.1 - ACCESSIBLE AND USABLE BUILDINGS & FACILITIES
- 2018 INTERNATIONAL PLUMBING CODE
- 2018 INTERNATIONAL MECHANICAL CODE
- 2018 INTERNATIONAL FUEL GAS CODE
- 2017 INTERNATIONAL ELECTRIC CODE
- 2018 INTERNATIONAL FIRE CODE W/ LOCAL AMENDMENTS
- 2018 LIFE SAFETY CODE (NFPA 101)
- 2018 INTERNATIONAL EXISTING BUILDING CODE

CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION		
OCCUPANCY GROUP BUSINESS GROUP B		
CHAPTER 8 - INTERIOR FINISHES		
WALL AND CEILING FINISHES (TABLE 803.13)		
CLASS B INTERIOR EXIT STAIRWAYS/RAMPS AND EXIT PASSAGEWAYS		
CLASS C CORRIDOR / ENCLOSURE AT EXIT ACCESS STAIRWAYS		
CLASS C ROOMS AND ENCLOSED SPACES		
CHAPTER 9 - FIRE PROTECTION SYSTEMS		
903 AUTOMATIC SPRINKLER SYSTEMS REQUIRED - GROUP B OCCUPANCY PER IFC 2018 AND APPLICABLE LOCAL CODES		
906 PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED IN ACCORDANCE WITH 2018 IFC		
907 FIRE ALARM AND DETECTION SYSTEMS EXISTING SYSTEM		
CHAPTER 10 - MEANS OF EGRESS, IBC 2018		
OCCUPANCY LOAD TABLE (1004.5)		
SECOND FLOOR	FACTOR	AREA
BUSINESS	150 (GROSS)	7439
TOTAL:		49
1005 MEANS OF EGRESS SIZING		
STAIR A : 54" @ .3" = 180 OCCUPANTS MAX		
STAIR B : 56" @ .3" = 186 OCCUPANTS MAX		
1007 EXIT AND EXIT ACCESS DOORWAYS		
SECOND FLOOR TENANT AREA REQUIRED 1 EXITS PROVIDED 2 EXITS		
1010 DOORS, GATES, TURNSTILES		
DOORS A + B CLEAR = 32" MIN		
EGRESS DOORS A + B = 3'-0"		
DOOR A: 34" CLEAR @ .3" = 113 OCCUPANTS MAX		
DOOR B: 34" CLEAR @ .3" = 113 OCCUPANTS MAX		
*DOOR SWING IN THE DIRECTION OF EGRESS TRAVEL WHERE SERVING AN OCCUPANT LOAD OF 50 OR MORE		
1011 STAIRWAYS		
STAIRWAY ENCLOSURE NOT REQUIRED WHERE EXIT ACCESS		
STAIRWAYS SERVE ONLY 2 STORIES		
STAIRWAY WIDTH SHALL NOT BE LESS THAN 36" WHERE SERVING AN OCCUPANT LOAD OF LESS THAN 50		
80" MIN. HEAD CLEARANCE		
7" MAX. RISER HEIGHT		
11" MIN. TREAD DEPTH		
1012 RAMPS		
RAMPS IN MEANS OF EGRESS SLOPE SHALL NOT EXCEED 8% (1:12)		
30" MAX. RISE FOR EACH RAMP RUN		
36" MIN. CLEAR WIDTH BETWEEN HANDRAILS		
HANDRAILS PROVIDED ON BOTH SIDES OF RAMP		
LANDING SHALL BE 60" IN DIRECTION OF TRAVEL		
1014 & 1015 HANDRAILS AND GUARDRAILS		
HANDRAILS TO WITHSTAND 50 POUNDS PER LINEAR FOOT IN ANY DIRECTION		
GUARDRAILS TO WITHSTAND 200 POUNDS CONCENTRATED LOAD IN ANY DIRECTION		
1017 EXIT ACCESS - TRAVEL DISTANCE		
SECOND FLOOR TENANT AREA ALLOWABLE 300'-0" (TABLE 1017.2) ACTUAL 89'-0"		
1016 EXIT ACCESS - COMMON PATH OF TRAVEL		
SECOND FLOOR TENANT AREA ALLOWABLE 100'-0" (TABLE 1006.2.1) ACTUAL 22'-0"		
* TABLE 1006.2.1 - SPACES WITH MAXIMUM OCCUPANT LOAD OF 49 IN OCCUPANCY GROUP B WITH ONE EXIT OR EXIT ACCESS DOORWAY		
CHAPTER 29 - PLUMBING SYSTEMS, IBC 2018		
*WHERE PLUMBING FIXTURES ARE REQUIRED, SEPARATE FACILITIES SHALL BE REQUIRED FOR EACH SEX, EXCEPT IN INDIVIDUAL DWELLING UNITS, AND TENANT SPACES WITH AN OCCUPANT LOAD OF 15 OR LESS, OR IN MERCANTILE OCCUPANCIES WHERE THE OCCUPANT LOAD IS 100 OR LESS.		
BUSINESS	49 OCCUPANTS	
FACILITY RATIO (TABLE 2902.1)		
W.C.	F: 1/25 THEN 1/50 M: 1/25 THEN 1/50	1
LAVATORY	F: 1/40 THEN 1/80 M: 1/40 THEN 1/80	1
FLOOR TOTALS:		
W.C.	F:	3
	M:	3
LAVATORY	F:	3
	M:	3

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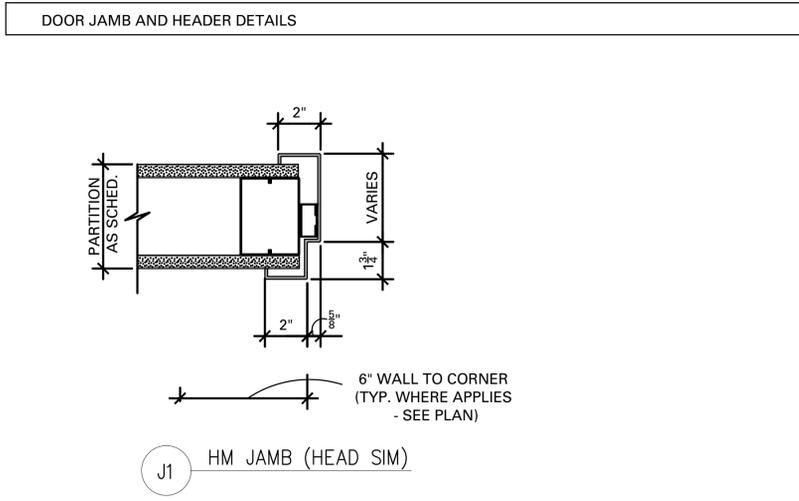
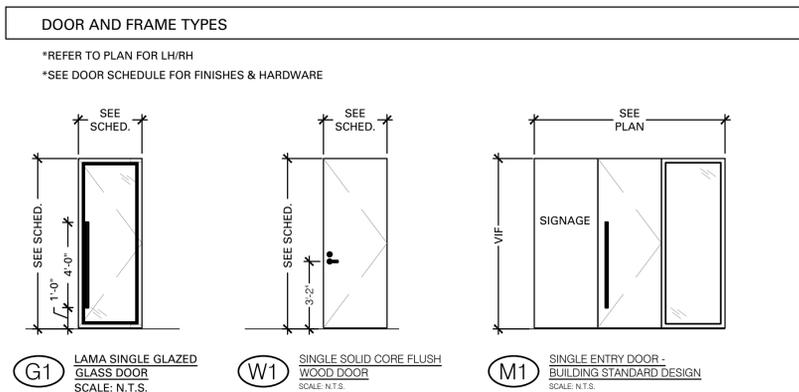
2ND FLOOR LIFE SAFETY
PLAN AND CODE
ANALYSIS

G0.3

DOOR & HARDWARE SCHEDULE												
DOOR NO.	ROOM/AREA	DOOR INFORMATION						FRAME INFORMATION			HARDWARE SET	COMMENTS
		DOOR TYPE	DOOR SIZE (W x H x THK)	MATERIAL	FINISH	FIRE RATING (HOURS)	ACOUSTICAL (STC)	JAMB	MATERIAL	FINISH		
NEW												
205	OFFICE	G1	3'-0" x 9'-0" X 1/2"	GL	GWS-01	-	-	-	-	A.07	HW-01	
206	MEETING	G1	3'-0" x 9'-0" X 1/2"	GL	GWS-01	-	-	-	-	A.07	HW-01	
207	OFFICE	G1	3'-0" x 9'-0" X 1/2"	GL	GWS-01	-	-	-	-	A.07	HW-01	
208	CONFERENCE	G1	3'-0" x 9'-0" X 1/2"	GL	GWS-01	-	-	-	-	A.07	HW-01	
209	CONFERENCE	G1	3'-0" x 9'-0" X 1/2"	GL	GWS-01	-	-	-	-	A.07	HW-01	
210	OFFICE	G1	3'-0" x 9'-0" X 1/2"	GL	GWS-01	-	-	-	-	A.07	HW-01	
211	OFFICE	G1	3'-0" x 9'-0" X 1/2"	GL	GWS-01	-	-	-	-	A.07	HW-01	
212	OFFICE	G1	3'-0" x 9'-0" X 1/2"	GL	GWS-01	-	-	-	-	A.07	HW-01	
215	OFFICE	G1	3'-0" x 9'-0" X 1/2"	GL	GWS-01	-	-	-	-	A.07	HW-01	
216	STORAGE	W1	3'-0" x 8'-0" X 1 3/4"	SCWD	PT-01C	-	-	J1	-	PT-01C	HW-03	
217	OFFICE	G1	3'-0" x 9'-0" X 1/2"	GL	GWS-01	-	-	-	-	A.07	HW-01	
218	MENS RESTROOM	W1	3'-0" x 8'-0" X 1 3/4"	SCWD	PT-01C	-	-	J1	-	PT-01C	HW-02	
219	WOMENS RESTROOM	W1	3'-0" x 8'-0" X 1 3/4"	SCWD	PT-01C	-	-	J1	-	PT-01C	HW-02	
EXISTING												
E01	STAIR B	EXISTING TO REMAIN										

HARDWARE SETS	
HW-01	GLASS CONFERENCE, MEETING, + OFFICE DOORS HINGES: BY GLAZING SYSTEM MANUFACTURER CLOSER: PER DOOR, REFERENCE COMMENTS SECTION FOR ADD'L INFO. MFR TO PROVIDE MAGNETIC CATCH, ALL DOORS TO BE INSTALLED BALANCED. PULL: PBA 200.031.9999 CUSTOM LENGTH 48" C.T.C. BACK TO BACK, ANTIMICROBIAL FINISH WITH POWDER COAT RAL9005 OR APPROVED SIMILAR. GC TO PROVIDE SAMPLE FOR APPROVAL. FLOOR STOP: IVES FS410 (ONE PER LEAF). FINISHES: MATTE BLACK - 622 / US19 U.N.O
HW-02	RESTROOM DOORS - PASSAGE HINGES: FULL MORTISE B.B. BUTT HINGE STANLEY AS REQ. PER DOOR TYPE. CLOSER: CONCEALED OVERHEAD CLOSER, LCN2030 SERIES PULLS: PBA 200.031.9999 CUSTOM LENGTH 48" C.T.C. BACK TO BACK, ANTIMICROBIAL FINISH WITH POWDER COAT RAL9005 OR APPROVED SIMILAR. GC TO PROVIDE SAMPLE FOR APPROVAL. FLOOR STOP: IVES FS410 (ONE PER LEAF). FINISHES: MATTE BLACK - 622 / US19
HW-03	STORAGE DOORS HINGES: FULL MORTISE B.B. BUTT HINGE STANLEY AS REQ. PER DOOR TYPE. CLOSER: CONCEALED OVERHEAD CLOSER, LCN2030 SERIES LEVER: SCHLAGE LATTITUDE LEVER, STOREROOM LOCKSET L9080 FLOOR STOP: IVES FS410 (ONE PER LEAF). FINISHES: MATTE BLACK - 622 / US19

- GENERAL NOTES**
- ALL DOORS IN SUITE REQUIRING LOCKSETS SHOULD BE KEYED SEPARATELY AND TO A SUITE MASTER. ALL LOCKS/CORES BY GC/CONTRACTOR. COORDINATE WITH BUILDING AS REQUIRED FOR BUILDING STANDARD LOCKS/CORE MFRS.
 - G.C. TO COORDINATE DOOR HANDS WITH PLANS.
 - PROVIDE DOOR SILENCERS (TYP). COLOR: GRAY(TYP.) BLACK ON BLACK COLOR FRAME, CLEAR ON WHITE FRAME, TYP.
 - PROVIDE BLOCKING AT HEADER FOR PIVOT SETS. PROVIDE 3/8" MIN. CLEARANCE AT TOP & BOTTOM OF DOOR FOR SWING.
 - RECESSED OVERHEAD DOOR CLOSERS TO BE FRAMED WITH WIDER HEADER TO ACCOMMODATE CLOSERS WHERE IT OCCURS.
 - ALL EXISTING TO REMAIN DOORS AND FRAMES SCHEDULED TO REMAIN TO BE CHEMICALLY PEALED/STRIPPED, PATCHED, BONDO'D AS REQUIRED, SANDED AND PAINTED PER SCHEDULE.GC TO CONFIRM QUANTITY IN FIELD DURING BID.
 - ALL NEW H.M. DOORS SHALL HAVE 2" W. PROFILE, WELDED HOLLOW METAL BUCK FOR RATED DOORS W/ DOUBLE RABBETTED STOPS, WRAP AROUND 18/14 GA. KD FRAME. STEEL 2" PROFILE INTEGRAL STOP & TRIM FACTORY PRIMED, FIELD PAINTED.
 - ALL LOCKSET/LATCHSETS HARDWARE, CLOSERS AND RUBBER SILENCERS ARE TO BE INSTALLED AFTER DOORS ARE INSTALLED & FINISHED. DOOR HINGES ARE TO BE INSTALLED AFTER DOOR BUCKS ARE PAINTED.
 - SUBMIT ALL SHOP DRAWINGS, SCHEDULE, AND HARDWARE CUT SHEETS FOR REVIEW AND APPROVAL PRIOR TO ORDERING AND FABRICATIONS.
 - G.C./DOOR CONTRACTOR TO VERIFY ALL DOOR HANDINGS AND SUBMIT SHOP SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO ORDERING AND FABRICATION.
 - PROVIDE DIAGONAL BRACING TO SLAB ABOVE AT ALL DOORS/GLAZINGS HEADS AND JAMBS AND TRIMMED OPENING AS REQUIRED.
 - ALL HOLLOW METAL DOORS TO BE SEAMLESS TYPE.
 - G.C. TO COORDINATE ALL CUTOUTS ON DOORS/HEADERS REQUIRED FOR CENTER PIVOT HARDWARE/CONCEALED CLOSER.
 - GC TO COORDINATE WITH SECURITY/IT VENDOR AND ASSOCIATED DRAWINGS FOR J-BOX AND POWER LOCATION FOR SECURITY DEVICES.
 - GC TO VERIFY IN FIELD FOR EXISTING DOOR AND FRAME BEING REMOVED AND REPLACED WITH NEW DOORS/FRAMES.



P E F F E R T O R O D E

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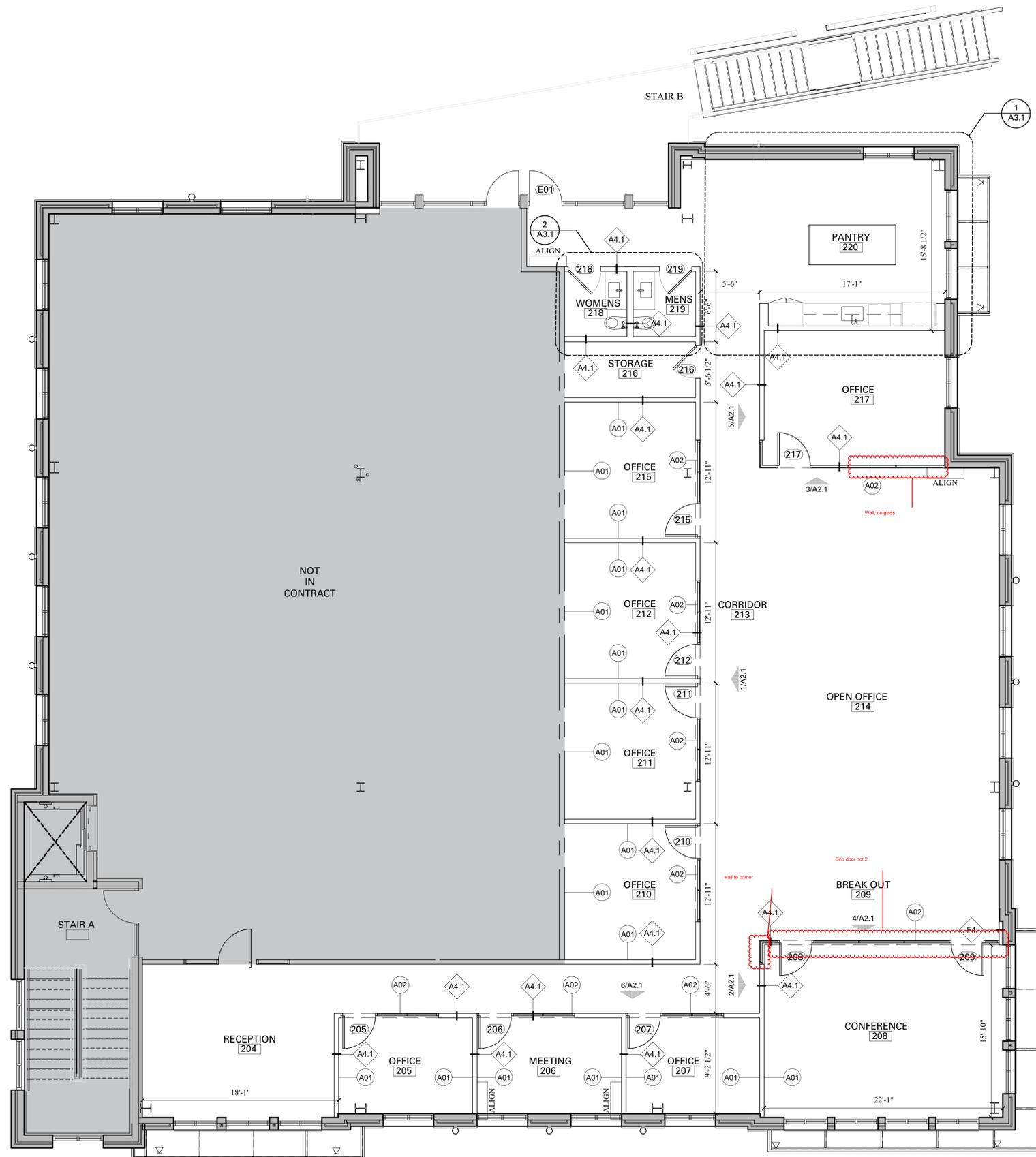
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DOOR AND HARDWARE SCHEDULE

G0.4



WALL LEGEND	
	EXISTING PARTITION
	UNRATED PARTITION
	SMOKE BARRIER
	1HR RATED PARTITION
	2HR RATED PARTITION

FLOOR PLAN GENERAL NOTES	
1.	SEE G0.2 FOR ACCESSIBILITY REQUIREMENTS AND STANDARDS. CONTACT ARCHITECT FOR DIRECTION IF ANY FIELD CONDITIONS CONFLICT WITH THESE REQUIREMENTS. REFER TO DOOR SCHEDULE FOR DOOR AND HARDWARE. PROVIDE STOPS AT ALL DOOR LOCATION U.O.N. SEE SHEET G0.1.
2.	SET NEW DOOR FRAMES 4" MINIMUM FROM PERPENDICULAR WALL U.O.N.
3.	SET NEW DOOR FRAMES 8" MINIMUM FROM PERPENDICULAR CMU WALL U.O.N.
4.	LOOSE FURNITURE IS OFOI AND SHOWN FOR REFERENCE ONLY.
5.	COORDINATE ALL IN-WALL PLUMBING REQUIREMENTS WITH PLUMBING DRAWINGS PRIOR TO FRAMING. NOTIFY ARCHITECT IN WRITING OF ANY CONFLICTS.
6.	DIMENSIONS ARE TO TO FACE OF FINISHED WALL FOR NEW PARTITIONS UNLESS OTHERWISE NOTED. DIMENSIONS IDENTIFIED AS "CLEAR" MUST BE MAINTAINED. NOTIFY ARCHITECT IN WRITING OR ANY CONFLICTS.
7.	ALL KITCHEN AND MPE EQUIPMENT ARE SHOWN FOR REFERENCE ONLY IN ARCHITECTURAL PLANS. COORDINATE ALL EQUIPMENT WITH CONSULTANT DRAWINGS NOTIFY ARCHITECT IN WRITING OF ANY CONFLICTS.
8.	INTERIOR WALLS SHALL BE 90 DEGREE ANGLES U.O.N.
9.	ELECTRICAL BOXES SHALL BE LOCATED IN A STAGGERED MANNER FROM ROOM TO ROOM.
10.	SEE ENLARGED PLANS AND DETAILS FOR DIMENSIONS NOT INCLUDED ON THIS SHEET
11.	ALL GYPSUM BOARD PARTITIONS TO BE SPACKLED, TAPED, AND SANDED SMOOTH WITH NO VISIBLE JOINT.
12.	ALL OUTSIDE CORNERS OF GYPSUM BOARD TO HAVE METAL CORNER BEADS.
13.	CONTRACTOR TO VERIFY ALL OFCI EQUIPMENT / MILLWORK MEETS ALL ACCESSIBILITY STANDARDS.
14.	ALL NEW CONDUIT AND DEVICES ON EXISTING AND NEW WALLS TO BE RECESSED. PATCH AND REFINISH SURFACE AS REQUIRED.
15.	FLASH PATCH ANY HOLES IN EXISTING CONCRETE FLOOR SLAB IN AREA OF WORK TO PROVIDE SMOOTH EVEN SURFACE FOR NEW SCHEDULED FINISHES. FIREPROOF AS REQUIRED ACCORDING TO APPLICABLE CODES.

KEYNOTES	
(A01)	PROVIDE PLYWOOD BLOCKING BEHIND FINISH WALL FOR FUTURE MONITOR, ARTWORK, MILLWORK, AND OR UPPER SHELVING.
(A02)	PROVIDE FULL HEIGHT PARTITION ABOVE GLAZING OR OPENING. SEE WALL TYPE AND ELEVATIONS FOR ADDITIONAL DETAILS.
(A03)	PROVIDE WATER LINES FOR (1) COFFEE MAKER - OFOI 6" ABOVE COUNTERTOP, (1) REFRIGERATOR WITH ICE MAKER, (1) DISHWASHER, (1) SINK FAUCET, (1) WATER TAP
(A04)	COORDINATE WITH PLUMBING SPECIFICATIONS FOR REQUIRED WALL THICKNESS.
(A05)	PROVIDE BREAK-OUT PRICING TO LAMINATE EXPOSED CMU/CONCRETE WALLS WITH GYP

1 SECOND FLOOR CONSTRUCTION PLAN
SCALE 3/16" = 1'-0"

PFEFFER TORODE



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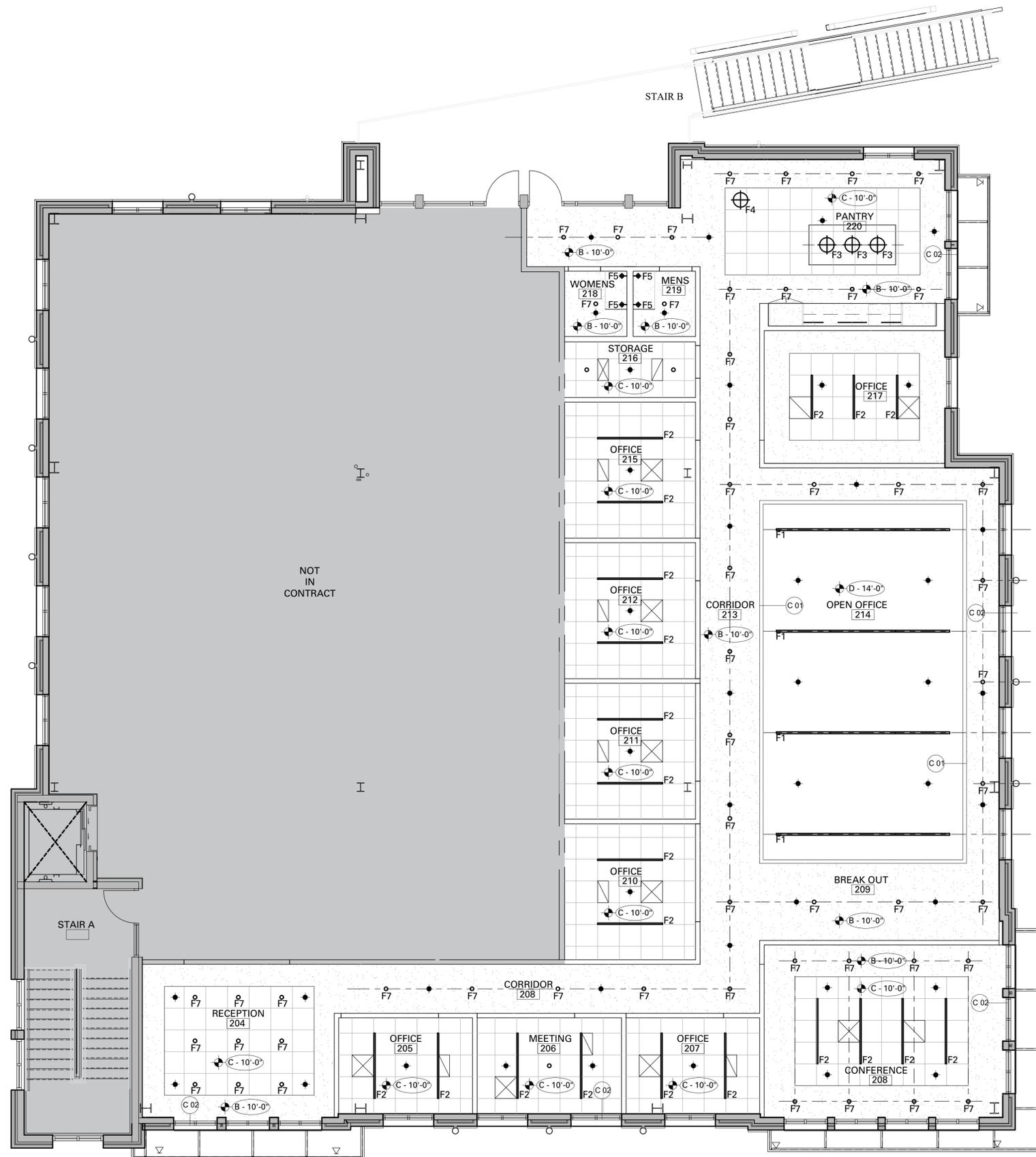
GATEWAY VILLAGE OFFICE BUILDING

LOT 136, GATEWAY VILLAGE
 3020 STANSBERRY LANE
 FRANKLIN, TENNESSEE 37069

21014 GATEWAY 02.19.2021

2ND FLOOR
 CONSTRUCTION PLAN

A1.1



1 SECOND FLOOR CEILING PLAN
SCALE 3/16" = 1'-0"

CEILING LEGEND	
	LINEAR LIGHT FIXTURE
	RECESSED DOWNLIGHT
	WALL MOUNTED SCONCE
	CEILING MOUNTED PENDANT
	UNDERCOUNTER/COVE FIXTURE
	2'x2' SQUARE INLAY FIXTURE
	GYPSUM WALL BOARD
	RETURN GRILLE
	SUPPLY DIFFUSER
	EXHAUST FAN
	LINEAR RETURN GRILLE
	LINEAR SUPPLY DIFFUSER
	VRF CASSETTE
	ACCESS PANEL
	SPRINKLER
	CENTER LINE
	SPOT ELEVATION
	CEILING TYPE

CEILING TYPE LEGEND	
A	OPEN TO STRUCTURE
B	5/8" PAINTED GYPSUM WALL BOARD ON LIGHT GAUGE METAL FRAMING
C	ACOUSTICAL CEILING TILE
D	EXISTING

CEILING PLAN GENERAL NOTES	
1.	PAINT ALL GYPSUM CEILINGS U.O.N.
2.	ALL LIGHT FIXTURES TO BE INSTALLED PER THE ARCHITECTURAL REFLECTED CEILING PLAN. SEE ELECTRICAL DRAWINGS FOR FIXTURE SPECIFICATIONS. IF A CONFLICT EXISTS BETWEEN THE ARCHITECTURAL AND ENGINEERING PLANS NOTIFY THE ARCHITECT IN WRITING FOR DIRECTION PRIOR TO PROCEEDING.
3.	WHERE PENDANT LIGHT FIXTURES ARE UTILIZED, GC TO PROVIDE APPROPRIATE BLOCKING FOR FIXTURE WEIGHT AND ASSEMBLY.
4.	GC TO VERIFY THE CEILING LAYOUT CAN BE ACCOMPLISHED WITH FIELD CONDITIONS. COORDINATE CEILING SYSTEMS, MECHANICAL DIFFUSERS AND LIGHT FIXTURES. CONTACT THE ARCHITECT FOR DIRECTION SHOULD A CONFLICT EXIST.
5.	WHERE ACOUSTICAL CEILING TILE IS TO BE INSTALLED, CENTER THE GRID WITH THE ROOM IN BOTH DIRECTIONS AND SHIFT CENTER TILE ACCORDINGLY TO AVOID SMALL/SLIVER TILES AT PERIMETERS OF ROOMS. CENTER ALL DEVICES IN CEILING TILES U.O.N. CENTER ALL EXIST SIGNS ON HALL OR OPENING.
6.	PROVIDE SWITCHES FOR EACH FIXTURE TYPE WITHIN AN ENCLOSED ROOM U.O.N. GANG MULTIPLE SWITCHES WITHIN A SINGLE COVER PLATE. IF GANGING OF SWITCHES IS NOT POSSIBLE, INDIVIDUAL SWITCHES SHALL BE EQUALLY SPACE 1 1/2" APART AND LOCATED AT THE SAME HEIGHT AFF.
7.	WHEN GRAPHICALLY DEPICTED IN SIMILAR LOCATIONS, ALIGN OUTLETS, THERMOSTATS, AND/OR FIRE PROTECTION DEVICES VERTICALLY. OUTLETS TO BE CENTERED IN A PARTICULAR WALL SHOULD BE MEASURED IN THE FIELD AND LOCATED IN THE CENTER OF THE WALL U.O.N. CONTACT ARCHITECT IF CLARIFICATION IS NEEDED. ALL CEILING MOUNTED DEVICES TO BE WHITE UNLESS OTHERWISE NOTED.
8.	ALL SPECIFICATIONS ARE TO BE CONFIRMED BY THE GENERAL CONTRACTOR WITH SELECTED SUB-CONTRACTOR AND SUPPLIER. ALL FIXTURES TO BE CONFIRMED FOR U.S. ELECTRICAL STANDARDS.
9.	CEILING PLAN IS INTENDED TO REFLECT DESIGN INTENT. ALL TECHNICAL FUNCTIONS AND ASSOCIATED REQUIREMENTS/SPECIFICATIONS ARE TO BE CONFIRMED BY THE SUB-CONTRACTOR. AND ITEMIZED LIST OF ALL COMPONENTS AND SPECIFICATIONS REQUIRED FOR INSTALLATION INCLUDING AND IN ADDITION TO THE ITEMS LISTED BELOW IS TO BE SUBMITTED BY THE GENERAL CONTRACTOR TO THE ARCHITECT AND CLIENT FOR FINAL APPROVAL.
10.	PROVIDE ACCESS PANELS AS REQUIRED. COORDINATE ALL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. USE ACUDOR DW-5058 RECESSED ACCESS DOORS. COORDINATE SIZES WITH EQUIPMENT SPECIFICATIONS.
11.	REFERENCE G0.4 FOR FINISH SCHEDULE.

KEYNOTES	
	PROVIDE CONTINUOUS PAINTED MDF BAND TRANSITION AT OPEN CEILING, REFERENCE DETAILS FOR ADDITIONAL INFORMATION.
	PROVIDE CONTINUOUS BLOCKING AT WINDOW POCKETS FOR FUTURE TENANT PROVIDED SHADES.

PFEFFER TORODE



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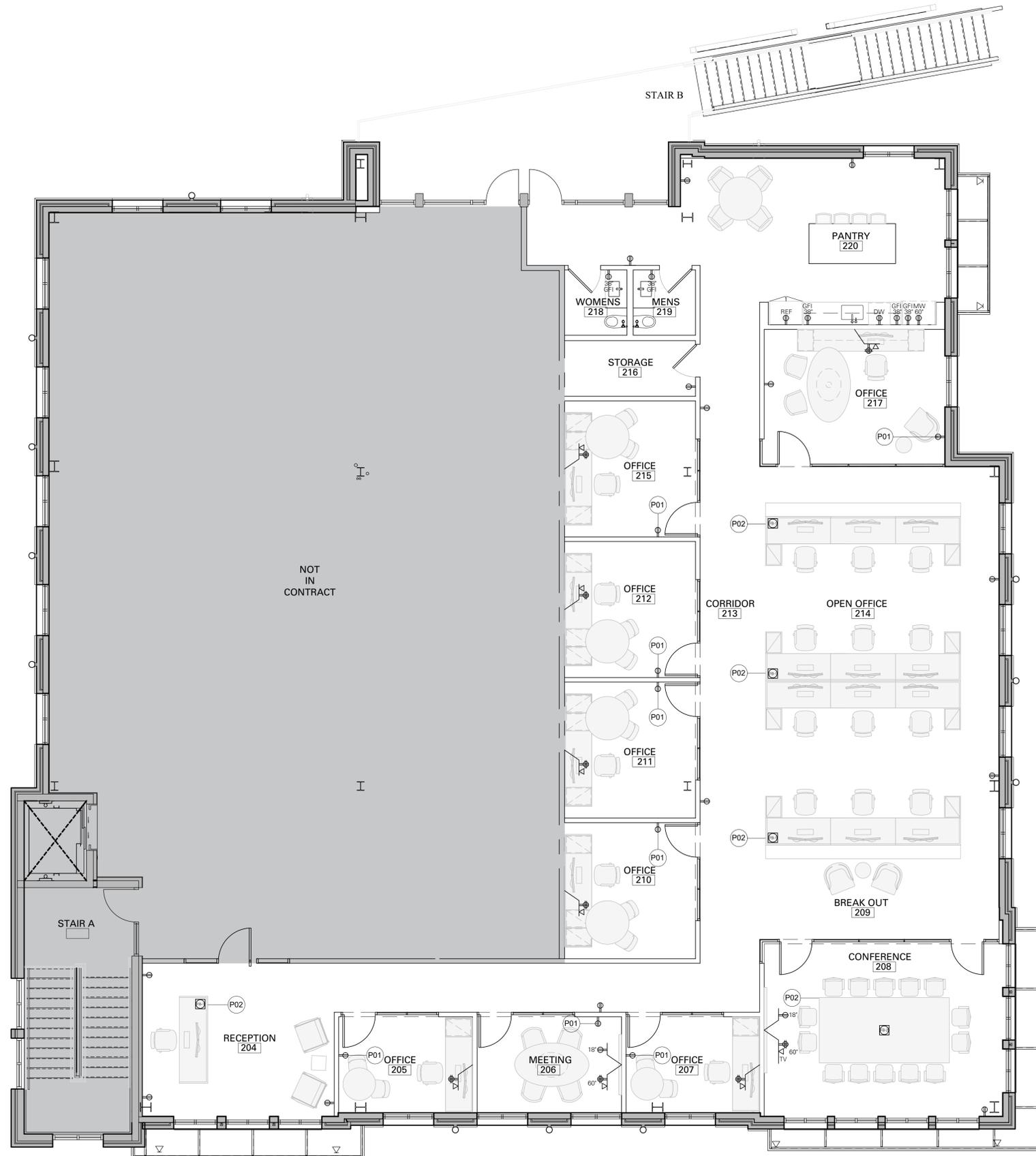
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21014 GATEWAY 02.19.2021
 2ND FLOOR CEILING PLAN

A1.2



POWER/DATA LEGEND	
	DUPLEX POWER OUTLET W/ USB OUTLET - PROVIDE DEDICATED CIRCUIT TO APPLIANCE AND EQUIPMENT AS REQUIRED.
	QUAD POWER OUTLET
	TELEVISION / DATA OUTLET - PROVIDE CONDUIT WITH STUB UP AND DRAG-LINE BACK TO TENANT IT CLOSET.
	FLOOR BOX/POKE-THRU - PROVIDE QUAD PER DESK, AND DATA CONDUIT WITH DRAG-LINE BACK TO TENANT IT CLOSET
	FLOOR BOX/POKE-THRU - PROVIDE QUAD, AND DATA CONDUIT WITH DRAG-LINE BACK TO TENANT IT CLOSET
	PROVIDE COAX CABLE CONNECTION

POWER PLAN GENERAL NOTES	
1.	REFERENCE ENGINEERING DRAWING SERIES FOR ADDITIONAL INFORMATION ON MECHANICAL, ELECTRICAL, PLUMBING, FA, AND SPRINKLERS.
2.	PROVIDE WHITE FIRE ALARM STROBES. REPLACE EXISTING RED COLOR STROBE WITH WHITE (TYPICAL).
3.	DIMENSIONS ARE SHOW FOR GENERAL PLACEMENT ONLY, COORDINATE ANY DISCREPANCIES WITH ARCHITECT PRIOR TO PROCEEDING.
4.	ALL OUTLETS, SWITCHES, AND COVER PLATES TO BE LUTRON DESIGNER SCREWLESS OR SIMILAR APPROVED BY ARCHITECT, U.O.N. PROVIDE SUBMITTAL FOR ARCHITECTS REVIEW AND APPROVAL.
5.	RECEPTACLES AND COVER PLATES TO MATCH FINISH OF ADJACENT WALL.
6.	REVIEW ALL LOCATIONS OF FIRE PROTECTION DEVICES WITH ARCHITECT PRIOR TO FINAL INSTALLATION.

KEYNOTES	
	OUTLET TO BE CENTERED UNDER SWITCH ABOVE AT THIS LOCATION.
	COORDINATE LOCATION OF ALL FLOOR CORES/TRENCHING WITH ARCHITECT AND ENGINEER PRIOR TO DRILLING. COORDINATE WITH BUILDING FOR PREFERRED INSTALLATION METHOD.

1 SECOND FLOOR POWER PLAN
SCALE 3/16" = 1'-0"

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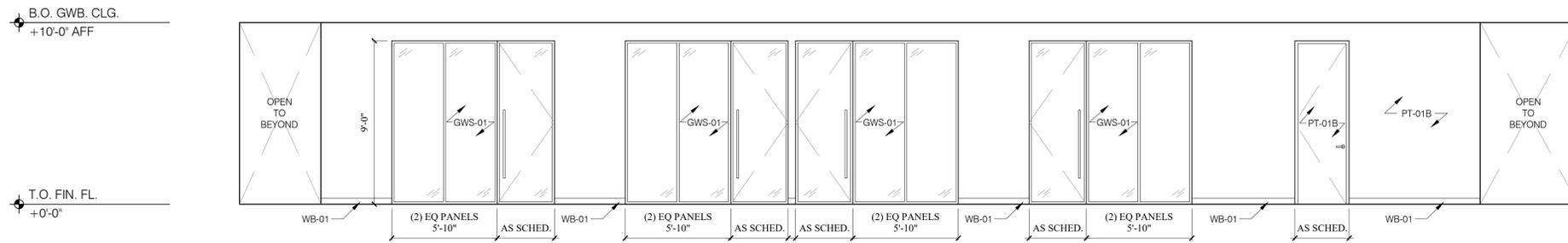
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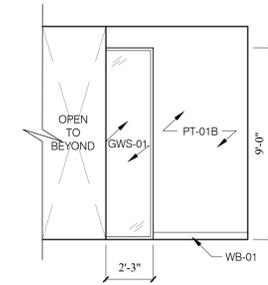
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2ND FLOOR POWER PLAN

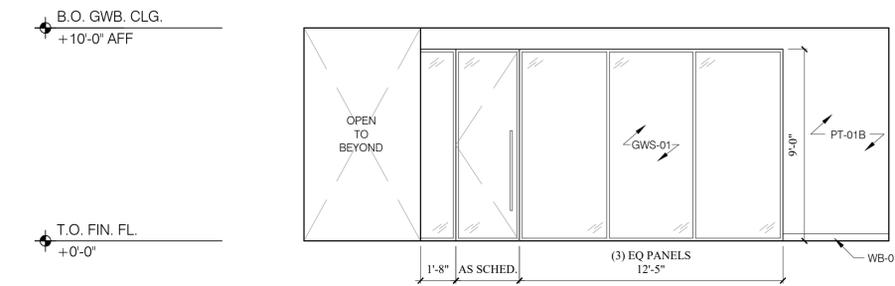
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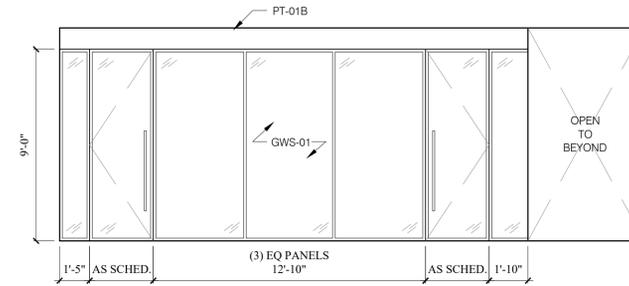
1 SECOND FLOOR CORRIDOR 213 ELEVATION
SCALE 1/4" = 1'-0"



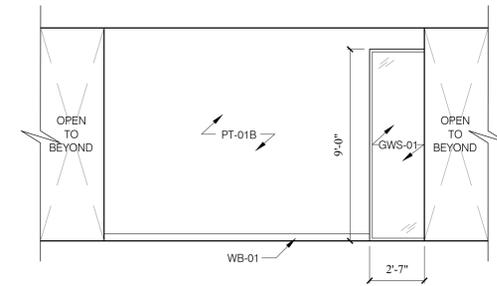
2 SECOND FLOOR CORRIDOR 208 ELEVATION
SCALE 1/4" = 1'-0"



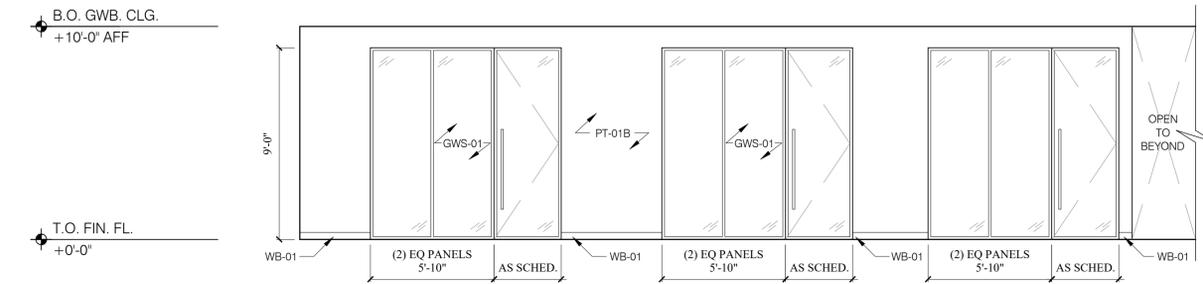
3 SECOND FLOOR OPEN OFFICE 214 ELEVATION
SCALE 1/4" = 1'-0"



4 SECOND FLOOR BREAK OUT 209 ELEVATION
SCALE 1/4" = 1'-0"



5 SECOND FLOOR CORRIDOR 213 ELEVATION
SCALE 1/4" = 1'-0"



6 SECOND FLOOR CORRIDOR ELEVATION
SCALE 1/4" = 1'-0"



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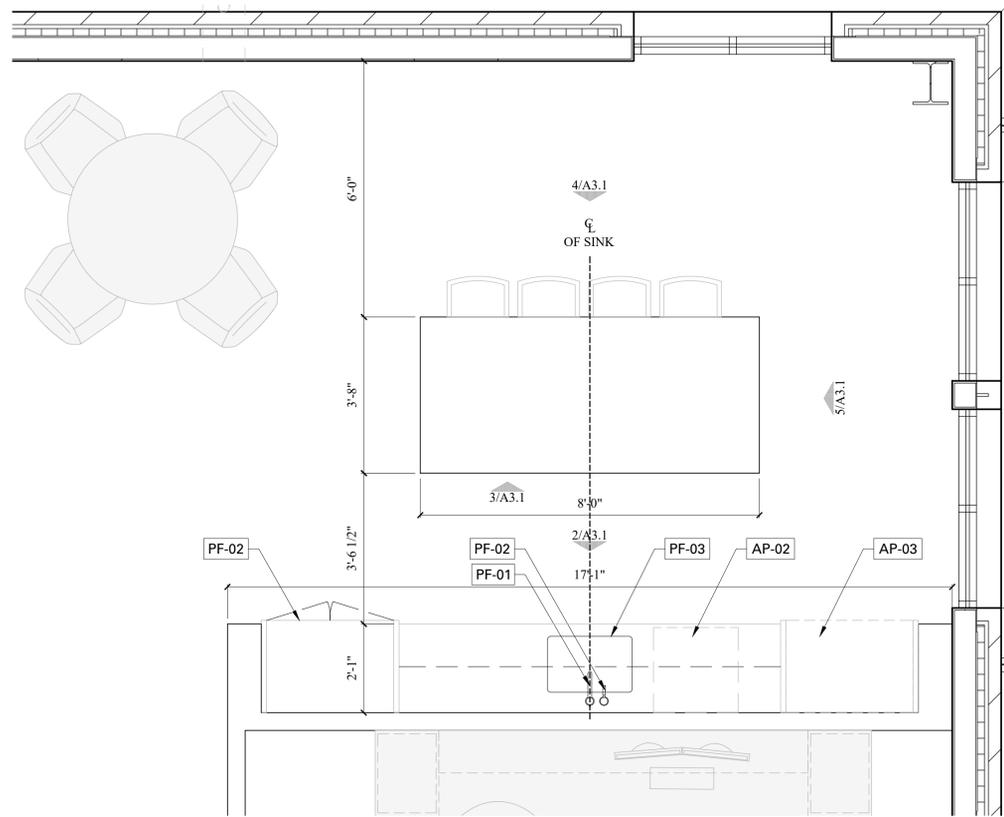
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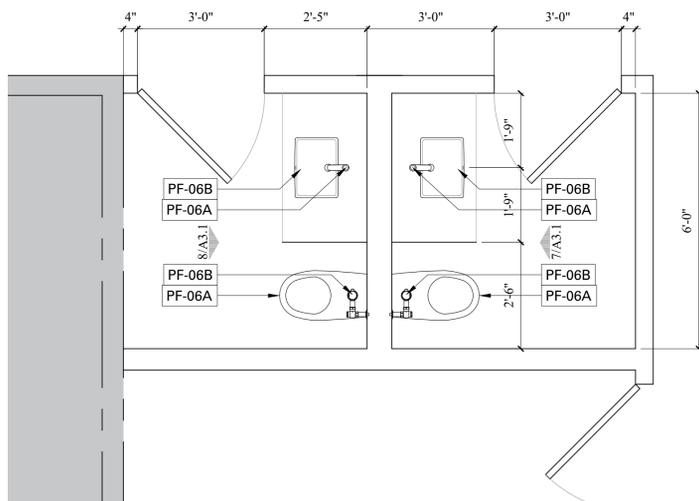
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2ND FLOOR INTERIOR
ELEVATIONS



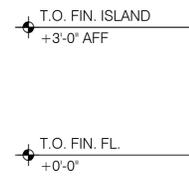
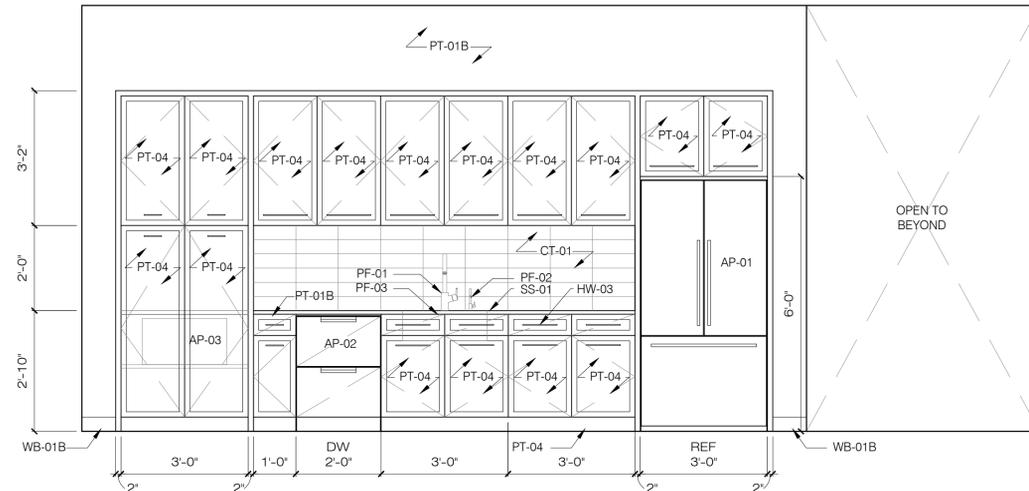
1 ENLARGED PANTRY 220 PLAN
SCALE 1/2" = 1'-0"



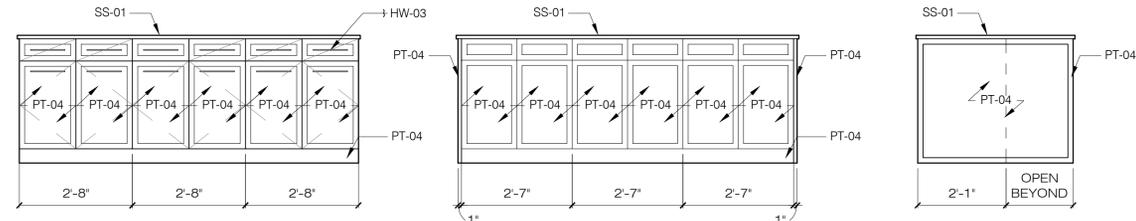
6 ENLARGED RESTROOMS 218 AND 219 PLAN
SCALE 1/2" = 1'-0"



2 ENLARGED PANTRY 220 ELEVATION
SCALE 1/2" = 1'-0"



3 ENLARGED PANTRY 220 ELEVATION
SCALE 1/2" = 1'-0"

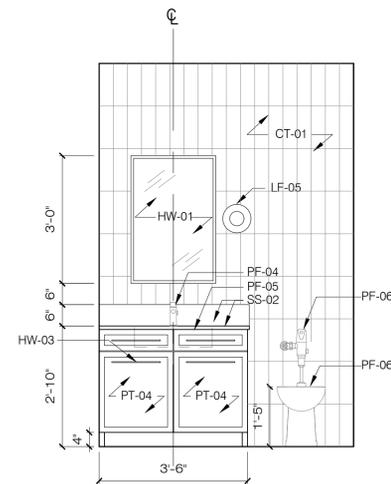


4 ENLARGED PANTRY 220 ELEV.
SCALE 1/2" = 1'-0"

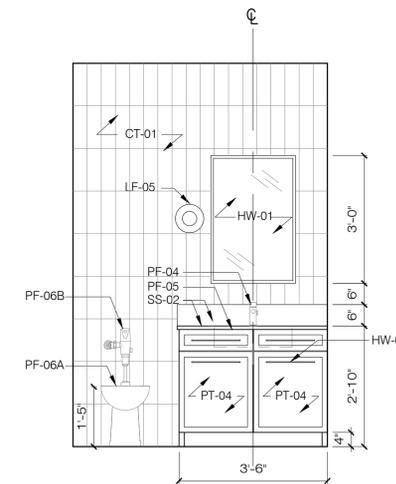
5 ENLARGED PANTRY 220 ELEV.
SCALE 1/2" = 1'-0"



7 ENLARGED RESTROOMS 218 ELEVATION
SCALE 1/2" = 1'-0"



8 ENLARGED RESTROOM 219 ELEVATION
SCALE 1/2" = 1'-0"



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ENLARGED PANTRY AND
RESTROOM PLANS AND
ELEVATIONS

GENERAL PLUMBING SPECIFICATIONS

FURNISH, INSTALL, PROVIDE AND MAKE OPERATIVE ALL EQUIPMENT, MATERIALS, SUPERVISION, LABOR AND ANY AND ALL ITEMS NECESSARY FOR THE PROPER INSTALLATION OF A CORRECTLY FUNCTIONING PLUMBING SYSTEM AS SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN.

EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. EQUALS SHALL BE ACCEPTED FOR EQUIPMENT UNLESS OTHERWISE NOTED.

ORDINANCES, PERMITS AND CODES: THE WORKMANSHIP AND MATERIALS COVERED BY THESE SPECIFICATIONS SHALL CONFORM TO ALL REGULATIONS OF ALL THE AUTHORITIES HAVING JURISDICTION.

THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, CONNECTION AND INSPECTION FEES AS REQUIRED FOR THE COMPLETE INSTALLATION OF THE PLUMBING SYSTEM.

THE LOCATION OF PIPING AND EQUIPMENT, AS SHOWN ON THE DRAWINGS, IS DIAGRAMMATIC AND SCHEMATIC AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE HIS OWN WORKING LAYOUT TO ELIMINATE ALL STRUCTURAL AND ARCHITECTURAL CONFLICTS IN THE BUILDING.

VERIFY ALL MEASUREMENTS AT THE SITE AND COORDINATE ALL WORK SO THAT IT DOES NOT INTERFERE WITH THE WORK OF THE OTHER TRADES. INSULATION: ALL INSULATION, INCLUDING JACKET, OR FACING AND ADHESIVE USED TO ADHERE FACING OR JACKET TO THE INSULATION SHALL HAVE A COMPOSITE FIRE AND SMOKE HAZARD RATING TESTED BY THE PROCEDURE RECOMMENDED BY ASTM E-84, NFPA 225 OR U.L. 723, NOT EXCEEDING: FLAME SPREAD 25, SMOKE DEVELOPED 50. ALL INSULATION ACCESSORIES SHALL ALSO HAVE THE RATING LISTED ABOVE.

DOMESTIC WATER PIPES SHALL BE INSULATED WITH ONE (1) INCH THICK PERFORMED HIGH DENSITY FIBERGLASS WITH FACTORY APPLIED VAPOR BARRIER AND SELF SEALING LAP, SUCH AS OWENS CORNING 25 ASJ.

DOMESTIC WATER PIPES SHALL BE TYPE "L" COPPER ABOVE GROUND / SLAB AND TYPE "K" COPPER BELOW GRADE / SLAB. INSTALL DIELECTRIC UNIONS AT CONNECTION TO DISSIMILAR METALS. PEX PIPING IS ACCEPTABLE FOR DOMESTIC WATER PIPING UNDER 2".

SANITARY WASTE AND VENT PIPE SHALL BE CAST IRON WITH NO-HUB FITTINGS. SCHEDULE 40 PVC PERMISSIBLE IF NOT ROUTED WITHIN A RETURN AIR PLENUM.

PLUMBING FIXTURE SPECIFICATIONS

WC-1 WATER CLOSET (TANK TYPE, A.D.A.)
AMERICAN STANDARD MODEL # 2998 . 014
ELONGATED BOWL, 1.6 GALLON PER FLUSH
ZURN # Z-8804-CR SUPPLY WITH WHEEL STOP
OLSONITE # 100 CLOSED FRONT SEAT WITH COVER
TOP OF SEAT AT MIN. 17" / MAX. 19" A.F.F.

WC-2 WATER CLOSET (TANK TYPE, REGULAR)
AMERICAN STANDARD MODEL # 2174 . 139
ELONGATED BOWL, 1.6 GALLON PER FLUSH
ZURN # Z-8804-CR SUPPLY WITH WHEEL STOP
OLSONITE # 100 CLOSED FRONT SEAT WITH COVER

UR URINAL (BARRIER FREE)
AMERICAN STANDARD MODEL # 6501 . 010
WITH 14" ELONGATED BOWL - LIP AT 17" A.F.F.
SLOAN 186-1 FLUSH VALVE WITH HANDLE AT 44" A.F.F.
PROVIDE WALL HANGER

L-1 LAVATORY (COUNTERTOP, A.D.A.)
AMERICAN STANDARD MODEL # 0427 . 444 CADET ROUND
MODEL # 6056.205 ELECTRONIC PROXIMITY LAVATORY FAUCET
MCGUIRE # 8088 P-TRAP
MCGUIRE # 2165CC SUPPLIES

NOTE: INSULATE ALL EXPOSED LAVATORY WASTE LINES AND EXPOSED HOT WATER LINES WITH BROCAR (OR EQUAL) POLYURETHANE FOAM INSULATION

KS-2 BREAK SINK (DOUBLE COMPARTMENT, 19"x33"x7 1/2")
JUST MODEL # DL-1933-A-GR STAINLESS STEEL SINK 18 GA.
JUST #J-1174-KS CONCEALED MIXING FAUCET WITH SPRAY HOSE, WITH WRIST BLADE HANDLES, JUST # JB-99 1 1/2" DRAIN WITH BASKET STRAINER, TAILPIECE AND CONTINUOUS WASTE
MCGUIRE # 2165CC FLEXIBLE SUPPLIES WITH WHEEL STOPS
IN-SINK-ERATOR FOOD WASTE DISPOSER # PRO333 STAINLESS STEEL, 3/4 HP, 120V, 1725 RPM

IM ICE MAKER ROUGH-IN (REFRIGERATOR)
QATEY MODEL 39152 ICE MAKER BOX WITH VALVE, CONTRACTOR SHALL MAKE FINAL CONNECTION. PROVIDE 1/2" COLD WATER SUPPLY WITH SEPARATE ISOLATION VALVE IN BRANCH LINE. PROVIDE UNION AT CONNECTION POINT TO REFRIGERATOR AND ENOUGH COPPER PIPE TO ALLOW REFRIGERATOR TO BE PULLED OUT FOR CLEANING AND MAINTENANCE. INSTALL SHOCK ABSORBER ON WATER LINE.

DW DISHWASHER (ROUGH-IN, RESIDENTIAL)
CONTRACTOR SHALL MAKE FINAL CONNECTION. PROVIDE 1/2" HOT WATER SUPPLY FEED FROM BELOW ADJACENT SINK WITH SEPARATE ISOLATION VALVE BELOW SINK. PROVIDE UNION AT CONNECTION POINT TO DISHWASHER. PROVIDE CONNECTION SIZE FLEXIBLE DRAIN LINE CONNECTED TO ENTERING SIDE OF ADJACENT SINK P-TRAP.

HD HUB DRAIN
2" DIAMETER OPEN SITE DRAIN STUBBED UP MINIMUM 2" ABOVE FINISHED FLOOR - PROVIDE P-TRAP WITH PRIMER CONNECTION.

SA SHOCK ABSORBER
JOSAM FIG. # 75001 THROUGH 75006, SIZE AS RECOMMENDED BY MANUFACTURER.

PLUMBING EQUIPMENT SPECIFICATIONS

HOT WATER RECIRCULATION PUMP
BELL & GOSSETT SERIES "PR" BRONZE BOOSTER PUMP 10 GPM AT 16 FT. PRESSURE HEAD - 1/8 HP AT 115V / 1Ø - 1" FLANGE PROVIDE TIMER, THERMOSTAT, LINE CORD & PLUG. PUMP TO BE SUPPORTED INDEPENDENTLY OF PIPING

THERMOSTATIC MIXING VALVE
WILKINS MODEL #ZW3870T THERMOSTATIC MIXING VALVE INSTALLED ON LAVATORY & BREAK SINK

FIXTURE CONNECTION SCHEDULE

SYM.	DESCRIPTION	CW	HW	WA	VENT
WC-1	WATER CLOSET (TANK TYPE, A.D.A.)	1/2"	—	4"	2"
WC-2	WATER CLOSET (TANK TYPE, REGULAR)	1/2"	—	4"	2"
UR	URINAL (WALL HUNG)	3/4"	—	4"	2"
LAV	LAVATORY (COUNTERTOP, A.D.A.)	1/2"	1/2"	2"	1-1/2"
KS-2	BREAK SINK (2-COMPARTMENT)	1/2"	1/2"	2"	1-1/2"

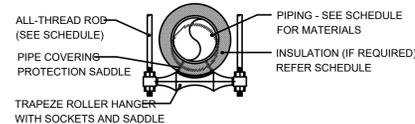
NOTE: CLEAN-OUTS TO BE SAME SIZE AS LINE SERVED

PLUMBING LEGEND

SYMBOL	DESCRIPTION
---	COLD WATER LINE (BELOW SLAB / GRADE)
---	COLD WATER LINE (ABOVE FLR. / GRADE)
---	HOT WATER LINE
---	SANITARY VENT LINE
---	SANITARY WASTE LINE (BELOW FLR / GRADE)
---	SANITARY WASTE LINE (ABV. FLR / GRADE)
---	EXISTING DOMESTIC WATER
F	EXISTING FIRE PROTECTION
WC, LAV, etc.	PLUMBING FIXTURE IDENTIFICATION
○	PIPING TURNS UP
⊖	PIPING TURNS DOWN
V.T.R.	"VENT THRU ROOF"
⊗	UNIT MAIN SHUT-OFF VALVE IN LINES
CD	CONDENSATE DRAIN
CWR	COLD WATER RISER
⊕	CONNECT TO EXISTING LINE AT THIS POINT

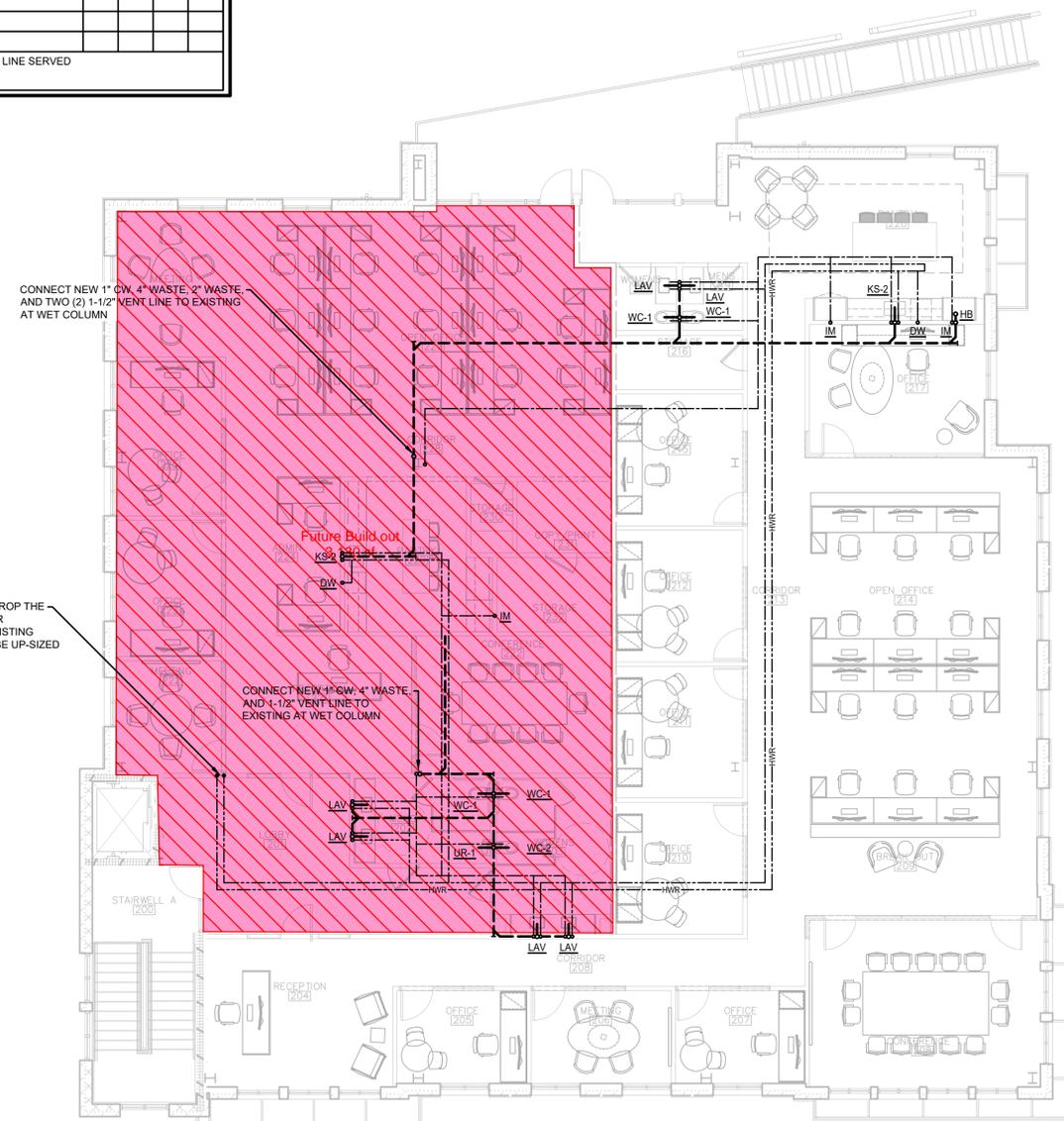
HANGER SPACING SCHEDULE

NOMINAL PIPE SIZE (IN.)	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
MAXIMUM DISTANCE (FT.) BETWEEN HANGERS	7'	8'	9'	10'	11'	12'	14'	16'	17'
HANGER ROD SIZE	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"	3/4"



PIPE HANGER DETAIL
NO SCALE

CONTRACTOR TO FIELD VERIFY EXACT LOCATION, SIZE AND FLOW OF EXISTING COLD WATER AND SANITARY SEWER LINES. CONNECT LINES TO EXISTING LINES IN AREA OF EXISTING RESTROOM AS SHOWN, MINIMUM SIZES ARE SHOWN FOR CONNECTION



NEW 1" HW AND 3/4" HWR TO DROP THE CEILING OF FLOOR BELOW FOR CONNECTION TO EXISTING, EXISTING RE-CIRCULATION PUMP IS TO BE UP-SIZED TO THE MODEL SPECIFIED

CONNECT NEW 1" CW, 4" WASTE, 2" WASTE AND TWO (2) 1-1/2" VENT LINE TO EXISTING AT WET COLUMN

CONNECT NEW 1" CW, 4" WASTE, AND 1-1/2" VENT LINE TO EXISTING AT WET COLUMN

PLUMBING PLAN

1/8" = 1'-0"
5'-0" 10'-0" 20'-0"

GENERAL MECHANICAL SPECIFICATIONS

FURNISH, INSTALL, PROVIDE AND MAKE OPERATIVE ALL EQUIPMENT, MATERIALS, SUPERVISION, LABOR AND ANY AND ALL ITEMS NECESSARY FOR THE PROPER INSTALLATION OF A CORRECTLY FUNCTIONING MECHANICAL SYSTEM AS SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN.

EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. EQUALS SHALL BE ACCEPTED FOR EQUIPMENT UNLESS OTHERWISE NOTED.

ORDINANCES, PERMITS AND CODES: THE WORKSMANSHIP AND MATERIALS COVERED BY THESE SPECIFICATIONS SHALL CONFORM TO ALL REGULATIONS OF ALL THE AUTHORITIES HAVING JURISDICTION.

THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, CONNECTION AND INSPECTION FEES AS REQUIRED FOR THE COMPLETE INSTALLATION OF THE MECHANICAL SYSTEM.

THE LOCATION OF DUCTS, PIPE AND EQUIPMENT, AS SHOWN ON THE DRAWINGS, IS DIAGRAMMATIC AND SCHEMATIC AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE HIS OWN WORKING LAYOUT TO ELIMINATE ALL STRUCTURAL AND ARCHITECTURAL CONFLICTS IN THE BUILDING.

VERIFY ALL MEASUREMENTS AT THE SITE AND COORDINATE ALL WORK SO THAT IT DOES NOT INTERFERE WITH THE WORK OF THE OTHER TRADES.

INSULATION: ALL INSULATION, INCLUDING JACKET, OR FACING AND ADHESIVE USED TO ADHERE FACING OR JACKET TO THE INSULATION SHALL HAVE A COMPOSITE FIRE AND SMOKE HAZARD RATING TESTED BY THE PROCEDURE RECOMMENDED BY ASTM E-84, NFPA 225 OR U.L. 723, NOT EXCEEDING: FLAME SPREAD 25, SMOKE DEVELOPED 50. ALL INSULATION ACCESSORIES SHALL ALSO HAVE THE RATING LISTED ABOVE.

SUPPLY AIR DUCTWORK INCLUDING TOPS OF DIFFUSERS ABV. CLG. SHALL BE INSULATED EXTERNALLY WITH R-6 VALUE, 0.75 PSF DENSITY FIBERGLASS INSULATION INCLUDING A VAPOR BARRIER INDOORS AND AN R-8 VALUE OUTDOORS. ALL RET. DUCTWORK SHALL BE INTERNALLY LINED WITH 1" THICK ACOUSTICAL LINER. EXHAUST DUCT SHALL NOT BE INSULATED.

ALL DUCTWORK SHALL BE CONSTRUCTED OF THE BEST BLOOM GALVANIZED SHEETS, FREE FROM BLISTER AND IMPERFECTIONS, AND WITH GAUGES, JOINTS, BRACING AND SUPPORTS IN STRICT ACCORDANCE WITH SMACNA STANDARDS. DUCT SIZES SHOWN ON THE DRAWINGS ARE NET INSIDE CLEAR. SCREWS SHALL BE CADMIUM PLATED. ROUND DUCT RUN-OUTS SHALL BE MIN. 26 GA. SHEET METAL. HANGERS SHALL BE 1" x 1/8" GALV. AND 4" ON CENTER.

FLEXIBLE DUCT SHALL BE THERMAFLEX TYPE M-KA OR EQUAL, AND BE U.L. LISTED AND COMPLY WITH NFPA STANDARD NO. 90A. MAXIMUM LENGTH SHALL BE 5 FEET LONG. INSULATION SHALL BE 2" THICK (FLEX. TO BE USED IN CONCEALED LOCATIONS ONLY).

PROVIDE FLEXIBLE NEOPRENE DUCT CONNECTORS ON THE DISCHARGE AND ENTERING SIDES OF ALL VIBRATING EQUIPMENT TO WHICH DUCTWORK IS ATTACHED.

INSTALL DOUBLE THICKNESS TURNING VANES AT EACH CHANGE IN DIRECTION OF THE DUCT.

INSTALL MANUAL VOLUME DAMPERS AT EACH BRANCH TAKE-OFF FROM THE MAIN DUCT.

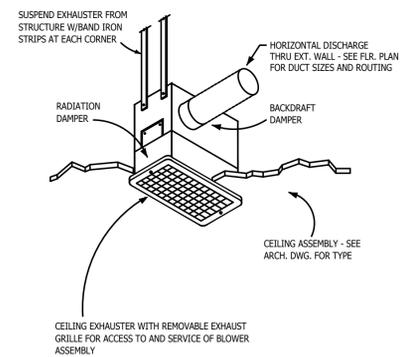
ALL UNITS SHALL BE BALANCED TO WITHIN 5% OF THE DESIGN AIR QUANTITY. BALANCE DIFFUSERS AND REGISTERS TO QUANTITIES SHOWN ON DRAWINGS. TEST AND BALANCE IS TO BE PERFORMED BY A CERTIFIED T & B CONTRACTOR.

PACKAGE UNIT SCHEDULE

SYMBOL	2.5T-RTU-EX	4T-RTU-EX	5T-RTU-EX	
MANUFACTURER				
MODEL No.	EXISTING	EXISTING	EXISTING	
TOTAL CLG. CAP.	2.5 - TONS	4 - TONS	5 - TONS	
SENS. CLG. CAP.				
C.F.M.	1,000	1,600	2,000	
TOTAL STATIC PRESS.				
MIN. OUTSIDE AIR	100	160	200	
HEAT PUMP CAP. (MBH)				
AUX HEAT (KW)				
FAN				
EVAP. H.P.				
EVAP. FLA				
COND. FLA				
COMB. FLA				
COMPRESSOR LRA				
COMPRESSOR FLA				
VOLTAGE / PHASE				
UNIT MCA				
UNIT MOCB				
MIN. EER				
ACCESSORIES	1	1	1, 2	
OPERATING WEIGHT				
ACCESSORIES:	1. 7-DAY PROGRAMMABLE AUTO-CHANGEOVER THERMOSTAT 2. SMOKE DETECTOR MOUNTED IN SUPPLY AIR DUCT PRIOR TO MIXING WITH OUTSIDE AIR FOR AUTOMATIC SHUTDOWN SHUTDOWN OF FAN UPON DETECTION OF SMOKE			

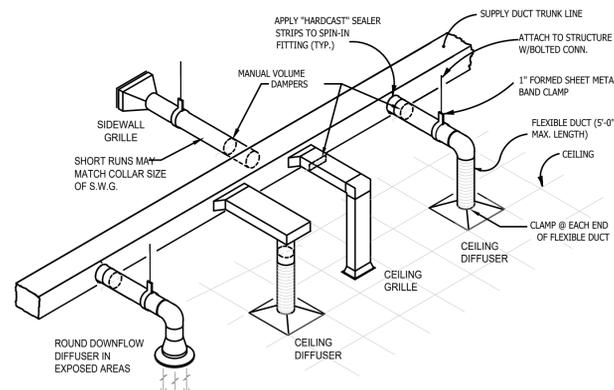
EXHAUST FAN SCHEDULE

SYMBOL	RR-EF-1	RR-EF-2	RR-EF-3	RR-EF-4
MANUFACTURER	L. COOK	L. COOK	L. COOK	L. COOK
MODEL No.	GC-124	GC-124	GC-164	GC-164
TYPE	CABINET	CABINET	CABINET	CABINET
C.F.M.	75	75	150	150
S.P. IN W.G.	0.25"	0.25"	0.25"	0.25"
R.P.M.	900	900	1,110	1,110
TIP SPEED (RPM)	1,797	1,797	2,217	2,217
H.P. / WATTS	59.2W	59.2W	110W	110W
B.H.P.	N/A	N/A	N/A	N/A
Sound Rating (SONES)	1.2	1.2	3.3	3.3
Voltage / Phase	115 / 1Ø	115 / 1Ø	115 / 1Ø	115 / 1Ø
LOCATION	CEILING	CEILING	CEILING	CEILING
OPERATING WEIGHT	13	13	15	15
ACCESSORIES	1, 2, 4	1, 2, 4	1, 2, 3, 4	1, 2, 3, 4
REMARKS:	1. ROOF CAP / WALL CAP (SEE DWG) 2. BACKDRAFT DAMPER 3. FAN MOUNTED SPEED CONTROLLER 4. INTERLOCK WITH LIGHTS			



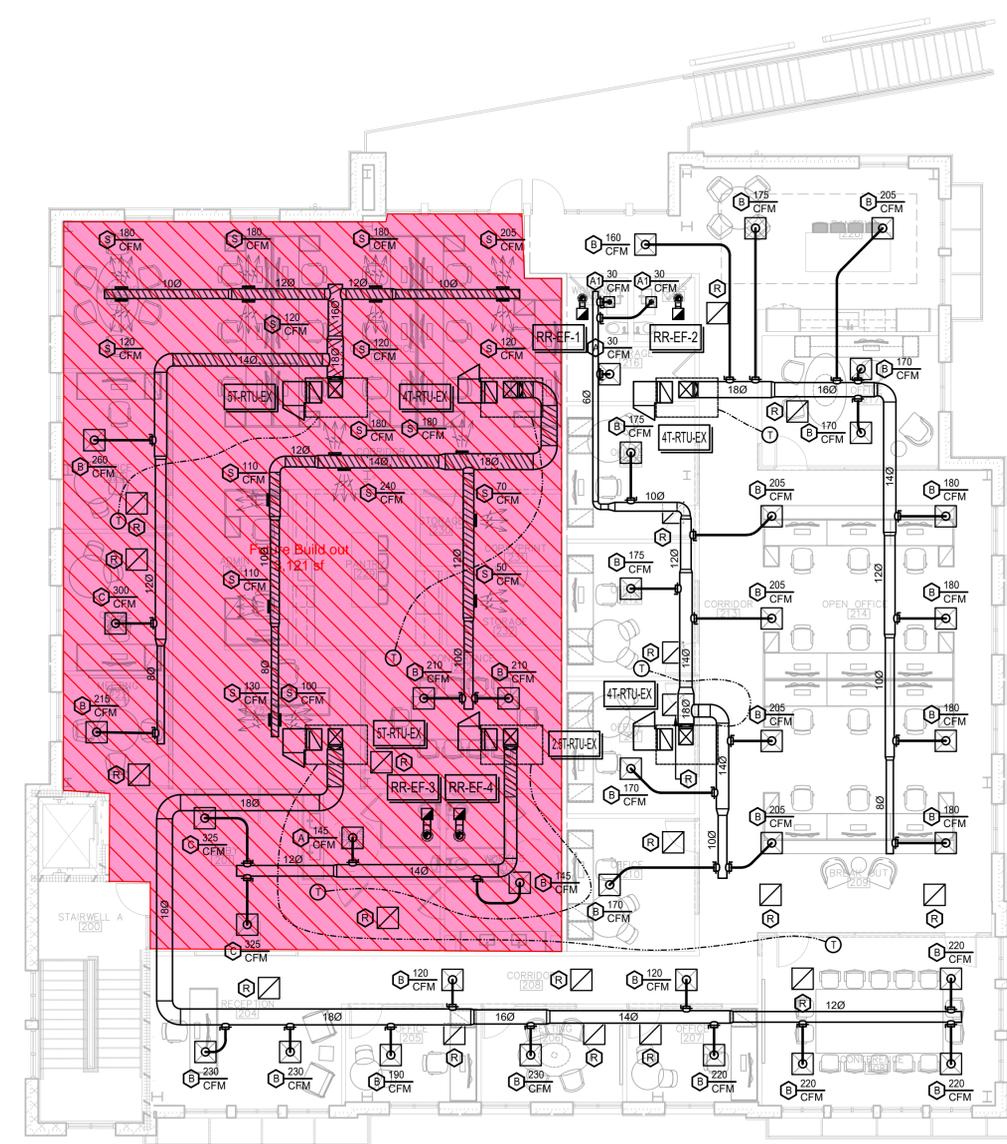
CEILING MOUNTED EXHAUST FAN DETAIL

NO SCALE



TYPICAL RECT. / ROUND RUN-OUT DETAILS

NO SCALE



MECHANICAL PLAN

1/8" = 1'-0"
5'-0" 10'-0" 20'-0"



REV. NO.	DESCRIPTION	DATE	BY
1	FOR PERMIT	02/12/2021	TGP

33851 Curtis Blvd., 216
Eastlake, Ohio 44095
1.440.953.8760
1.440.953.1289
www.tecinc.com
cleveland | columbus



GATEWAY TENANT
SUITE 202
LOT 136, GATEWAY VILLAGE
30320 STANGERRY LANE
FRANKLIN, TENNESSEE 37069

ELECTRICAL SYMBOLS,
NOTES, PANEL SCHEDULES
AND ONE LINE

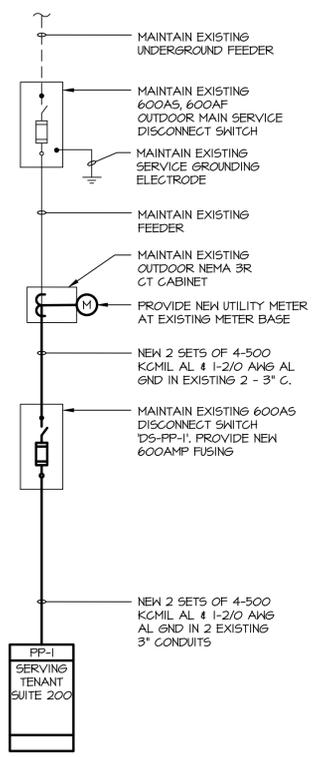
DATE: 01/26/2021
DRAWN: MK
CHECKED: TGP
APPROVED: TGP
TEC PROJECT: 21136
SHEET NO.

ELECTRICAL GENERAL NOTES

- THE ELECTRICAL INSTALLATION MUST MEET OR EXCEED THE MINIMUM REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE AND ANY APPLICABLE STATE OR LOCAL CODES, AS INTERPRETED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
- CONFIRM THE CEILING TYPES IN ALL AREAS WITH THE GENERAL TRADES CONTRACTOR OR WITH THE EXISTING BUILDING CEILING CONDITIONS, AND FURNISH THE PROPER LIGHT FIXTURE TRIMS AND SUPPORTS TO SUIT EACH CEILING TYPE.
- ALL LIGHTING FIXTURE LOCATIONS INDICATED ON THIS DRAWING SHALL BE SUPERSEDED BY THE ARCHITECTURAL REFLECTED CEILING PLAN FOR THE AREA. ELECTRICAL CONTRACTOR SHALL REVIEW ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF LIGHT FIXTURES.
- ALL WALL MOUNTED LIGHTING FIXTURE LOCATIONS INDICATED ON THIS DRAWING SHALL HAVE THE MOUNTING HEIGHTS VERIFIED WITH THE ARCHITECT BEFORE ROUGH-IN.
- BRANCH CIRCUIT WIRING FOR EMERGENCY LIGHTING BATTERY PACKS AND EXIT LIGHTS SHALL BE INSTALLED AND CONNECTED IN ACCORDANCE WITH ARTICLE 700 OF THE NATIONAL ELECTRICAL CODE.
- THIS CONTRACTOR SHALL COORDINATE INSTALLATION OF AND MOUNTING OF ALL DUPLEX RECEPTACLES, TELEPHONE, DATA, OUTLETS, ETC., WITH ROOM ELEVATIONS AND ALL MILLWORK DRAWINGS BEFORE ROUGH-IN.
- THIS CONTRACTOR SHALL COORDINATE ALL FLOOR OUTLETS WITH FURNITURE PLAN LAYOUTS BEFORE ROUGH-IN. FINAL LOCATIONS SHALL BE APPROVED BY THE ARCHITECT. OBTAIN FURNITURE PLANS FROM ARCHITECT OR INTERIOR SPACE PLANNER.
- ALL EXISTING UNUSED ELECTRICAL WIRE, CONDUIT, AND EQUIPMENT SHALL BE REMOVED.
- OPEN WIRE AND OPEN CABLES INSTALLED WITHIN THE RETURN AIR CEILING SPACE SHALL BE PLENUM RATED LETTER CODE 'P'.
- ALL WIRE FOR POWER, LIGHTING, AND CONTROL SYSTEMS SHALL BE 600 VOLT THIN-WALL 90 DEGREE INSULATED AND SHALL BE COPPER. ALL WIRE FOR COMMUNICATIONS SYSTEMS SHALL BE COPPER.
- FIRE SEAL OPENINGS AROUND ALL CONDUIT PENETRATIONS. PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE SEALED WITH LISTED FIRE RATED MATERIALS.
- ALL HOMERUN WIRING SHALL BE RUN IN EMT THIN-WALL THREADED CONDUIT. TYPE MC CABLE MAY BE INSTALLED CONCEALED WITHIN WALL AND CEILING SPACES FOR BRANCH CIRCUIT WIRING.
- ALL ELECTRICAL EQUIPMENT SHALL BE U.L. LISTED OR LABELED.
- COORDINATE THE ELECTRICAL WORK WITH ALL TRADES ON SITE AND WITH THE OWNER'S REPRESENTATIVE. REFER TO THE PLANS AND DETAILS SHOWING THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING AND TECHNOLOGY WORK TO PROPERLY PLAN AND INSTALL THE ELECTRICAL SYSTEMS AND EQUIPMENT.
- THE BUILDING MANAGEMENT SHALL PROVIDE CONTINUOUS SUPERVISION OF THE ELECTRICAL SERVICE AND ELECTRICAL MAINTENANCE WITHIN THE TENANT SPACE. IN ADDITION, BUILDING MANAGEMENT SHALL HAVE 24 HOUR ACCESS TO TENANT DISCONNECTING MEANS AND WILL PROVIDE ALL ELECTRICAL MAINTENANCE.

ELECTRICAL SYMBOLS

- BRANCH CIRCUIT HOMERUN TO PANEL "A", CIRCUIT #3 AND #5. PROVIDE THE PROPER QUANTITY OF 12 AWG CONDUCTORS FOR THE CIRCUIT(S) INDICATED. A SEPARATE GROUNDING CONDUCTOR IS REQUIRED FOR ALL BRANCH CIRCUITS.
- CONDUIT TURNED UP/CONDUIT TURNED DOWN
- CONDUIT STUB
- HEAVY LINE WEIGHT INDICATES THIS EQUIPMENT IS NEW OR RELOCATED EXISTING UNLESS NOTED OTHERWISE
- LIGHT LINE WEIGHT INDICATES THIS EQUIPMENT IS EXISTING TO REMAIN, UNLESS NOTED OTHERWISE
- SINGLE POLE SWITCH - MOUNTING AT 48" A.F.F.
- THREE-WAY SWITCH - MOUNTING AT 48" A.F.F.
- DIMMER SWITCH - MOUNTING AT 48" A.F.F. - REFER TO PLANS FOR TYPES AND RATINGS
- OCCUPANCY SENSOR SWITCH WITH OVERRIDE SWITCH - WALL MOUNTED AT 48" A.F.F. OR AS NOTED
- OCCUPANCY SENSOR SWITCH - CEILING MOUNTED
- LIGHT FIXTURE TYPE 'A'
- LIGHT FIXTURE TYPE 'B'
- LIGHT FIXTURE ON EMERGENCY BRANCH CIRCUIT
- EXIT SIGN - CEILING MOUNTED, SHADING INDICATES LIGHTED FACE. ARROW INDICATES CHEVRON DIRECTION
- EXIT SIGN - WALL MOUNTED ABOVE DOOR OR AT 7'-6" A.F.F. UNLESS OTHERWISE NOTED
- EMERGENCY BATTERY PACK, WALL MOUNTED
- DUPLEX RECEPTACLE - MOUNTING AT 18" A.F.F.
- DUPLEX RECEPTACLE - INDICATES MOUNTING AT 36" A.F.F.
- DUPLEX RECEPTACLE - MOUNTING AT 6" ABOVE COUNTER
- DUPLEX RECEPTACLE - GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE
- GFCI TYPE DUPLEX RECEPTACLE IN WEATHERPROOF ENCLOSURE
- POKE THROUGH FLOOR OUTLET - REFER TO SCHEDULE ON PLANS FOR TYPES AND DEVICES
- JUNCTION BOX - MOUNTING HEIGHT AND SIZE AS REQUIRED
- DATA OUTLET - MOUNTING AT 18" A.F.F., UNLESS OTHERWISE NOTED
- PANELBOARD - 0 TO 150 VOLTS TO GROUND
- 60AS UNFUSED DISCONNECT SWITCH - "60/3" INDICATES 60 AMPERE SWITCH RATING AND POLES
- 60AS FUSED DISCONNECT SWITCH - "60AS" INDICATES 60 AMPERE SWITCH RATING AND POLES / "50AF" INDICATES 50 AMPERE FUSE
- ONE-LINE DIAGRAM REPRESENTATION OF A FUSED SWITCH - "60/3" INDICATES 60 AMPERE FUSIBLE SWITCH RATING AND POLES / "50" INDICATES 50 AMPERE FUSE
- ONE-LINE DIAGRAM REPRESENTATION OF A MOLDED CASE CIRCUIT BREAKER - "60/3" INDICATES 60 AMPERE CIRCUIT BREAKER RATING AND POLES
- ONE-LINE DIAGRAM REPRESENTATION OF A METER
- PLAN NOTE TAG, REFER TO PLANS FOR DESCRIPTION
- INDICATES POWER CONNECTION TO AIR HANDLER #3-REFER TO EQUIPMENT CONNECTION SCHEDULES FOR REQUIREMENTS
- A.F.F. ABOVE FINISHED FLOOR
- E.C. ELECTRICAL CONTRACTOR
- M.C. MECHANICAL CONTRACTOR
- P.C. PLUMBING CONTRACTOR
- G.C. GENERAL CONTRACTOR
- H.V.A.C. HEATING, VENTILATING, AND AIR CONDITIONING
- WP WEATHERPROOF
- U.O.N. UNLESS OTHERWISE NOTED



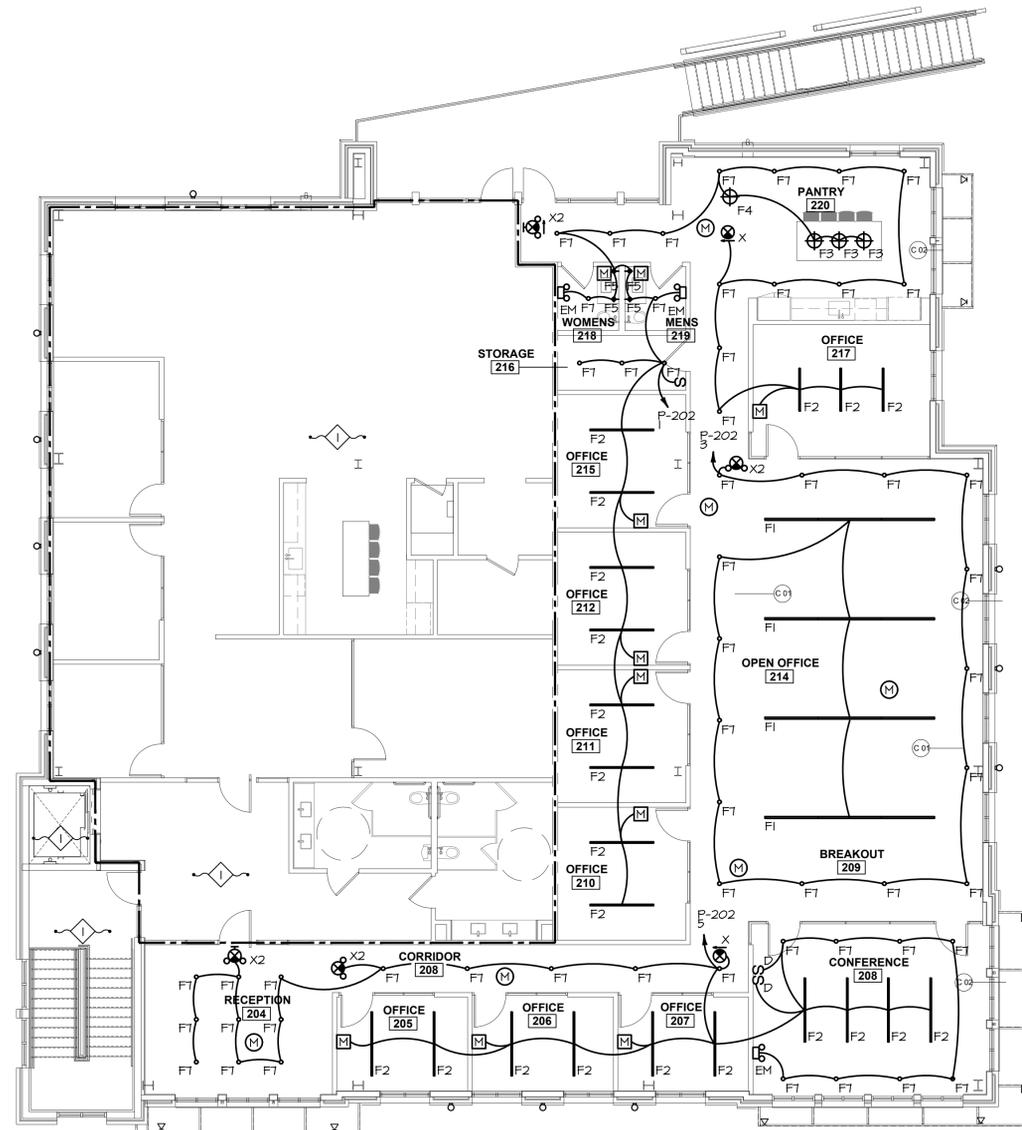
PARTIAL ONE LINE DIAGRAM
120/208V, 3PH, 4W SCALE: NONE

CIRCUIT BREAKER PANEL SCHEDULE																																																																																				
PANEL P-202 AMP 600 VOLTAGE 208/120V-3Ø-4W																																																																																				
INTERRUPTING CAPACITY		10,000		SPACES		42		AMPS RMS SYM		10,000		MAIN 600 MOUNTING SURFACE																																																																								
LOAD DESCRIPTION	CONTINUOUS LOAD			NON-CONTINUOUS LOAD (80%)			RECEPTACLE LOAD			CONTINUOUS LOAD			LOAD DESCRIPTION																																																																							
	2A	2B	2C	2A	2B	2C	2A	2B	2C	2A	2B	2C																																																																								
NORTH OFF LTS.	0.9																																																																																			
OPEN OFF LTS.	0.6													RTU-3																																																																						
SOUTH OFF LTS.		0.9																																																																																		
PANEL REC.				0.4			2011	7	A	8	2011	0.9		CONF. REC.																																																																						
BATHROOM REC.					0.4		2011	9	B	10	2011	1.1		OFFICE REC.																																																																						
GENERAL REC.						0.5	2011	11	C	12	2011		0.7	OFFICE REC.																																																																						
MICROWAVE (*)			1.6				2011	13	A	14	2011	0.9		RECEPTION REC.																																																																						
PANTRY REC.				0.4			2011	15	B	16	2011			SPARE																																																																						
DISHWASHER (*)				1.0			2011	17	C	18	2011			SPARE																																																																						
COFFEE MAKER			1.6				2011	19	A	20	2011			SPARE																																																																						
REFRIGERATOR (*)				1.0			2011	21	B	22	2011			SPARE																																																																						
OFFICE REC.						0.7	2011	23	C	24	2011			SPARE																																																																						
GENERAL REC.				0.9			2011	25	A	26	2011			SPARE																																																																						
OFFICE REC.						1.1	2011	27	B	28	2011			SPARE																																																																						
OFFICE REC.						1.1	2011	29	C	30	2011			SPARE																																																																						
FURN SYSTEM (&)			0.7				2011	31	A	32	2011			SPARE																																																																						
FURN SYSTEM (&)				0.7			2011	33	B	34	2011			SPARE																																																																						
FURN SYSTEM (&)					0.7		2011	35	C	36	2011			SPARE																																																																						
FURN SYSTEM (&)			0.7				2011	37	A	38	2011			SPARE																																																																						
FURN SYSTEM (&)				0.7			2011	39	B	40	2011			SPARE																																																																						
FURN SYSTEM (&)					0.7		2011	41	C	42	2011			SPARE																																																																						
<table border="1"> <tr> <td>0.9</td> <td>0.6</td> <td>0.9</td> <td>4.6</td> <td>2.4</td> <td>2.4</td> <td>1.3</td> <td>1.8</td> <td>2.4</td> <td>KW SUB-TOTALS</td> <td>KW</td> <td>1.8</td> <td>1.1</td> <td>0.7</td> <td></td> </tr> <tr> <td colspan="10"></td> <td>TOTAL CONNECTED LOAD</td> <td>29.6</td> <td>KWC</td> <td></td> </tr> <tr> <td colspan="10"></td> <td>82.2</td> <td>AMPS</td> <td></td> <td></td> </tr> <tr> <td colspan="10"></td> <td>TOTAL DEMAND LOAD</td> <td>27.7</td> <td>KWD</td> <td></td> </tr> <tr> <td colspan="10"></td> <td>76.9</td> <td>AMPS</td> <td></td> <td></td> </tr> </table>														0.9	0.6	0.9	4.6	2.4	2.4	1.3	1.8	2.4	KW SUB-TOTALS	KW	1.8	1.1	0.7												TOTAL CONNECTED LOAD	29.6	KWC												82.2	AMPS													TOTAL DEMAND LOAD	27.7	KWD												76.9	AMPS		
0.9	0.6	0.9	4.6	2.4	2.4	1.3	1.8	2.4	KW SUB-TOTALS	KW	1.8	1.1	0.7																																																																							
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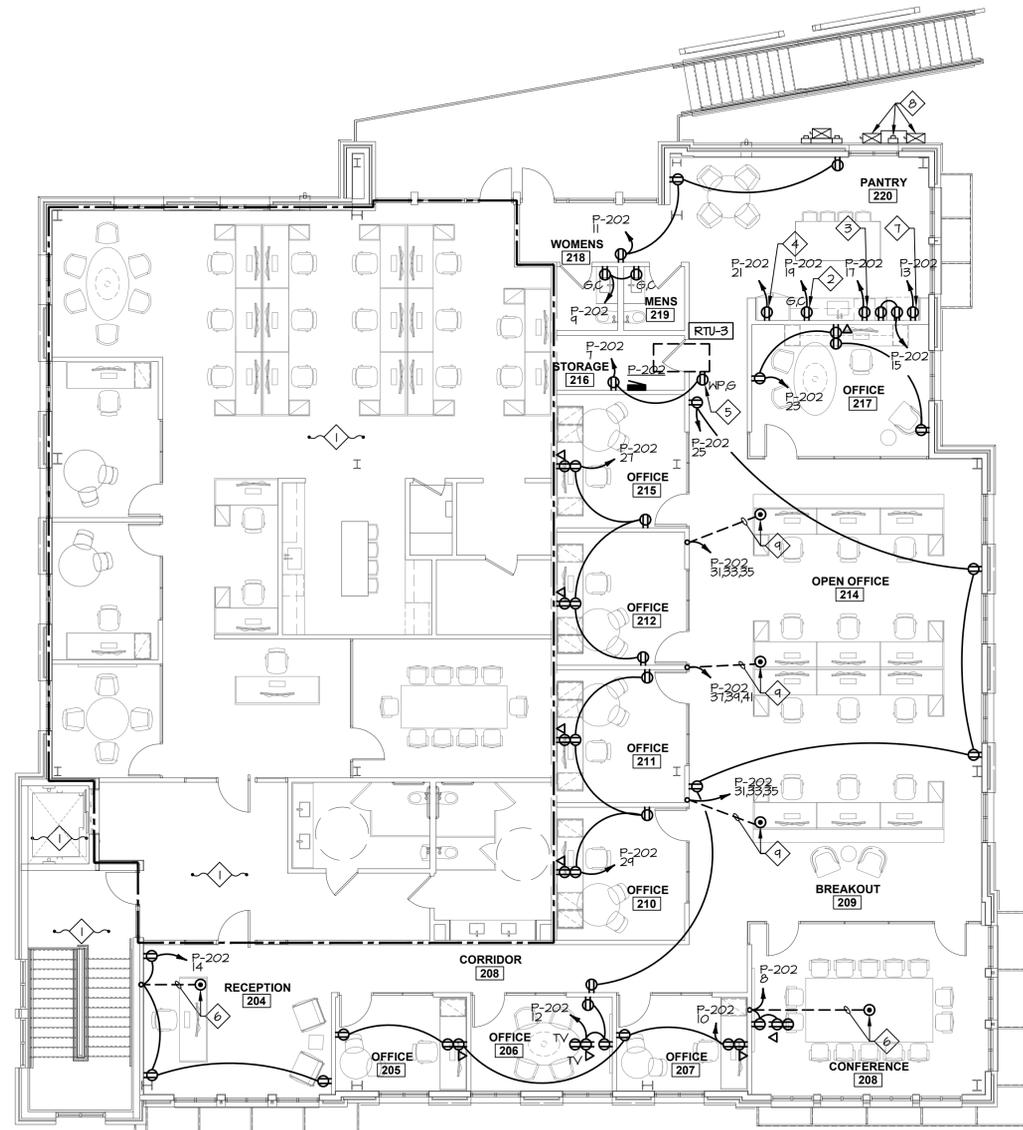
CONNECTED LOAD PER PHASE

PHASE A	11.5	KWC	95.9	AMPS
PHASE B	8.8	KWC	73.6	AMPS
PHASE C	9.3	KWC	77.4	AMPS

SCHEDULE REMARKS:
(*) DENOTES TO PROVIDE GFCI RATED CIRCUIT BREAKER.
(&) DENOTE TO PROVIDE 3-POLE HANDLE TIE FOR FURNITURE SYSTEM



SECOND FLOOR SUITE 202
LIGHTING PLAN
SCALE: 1/8" = 1'-0"



SECOND FLOOR SUITE 202
POWER & COMMUNICATIONS PLAN
SCALE: 1/8" = 1'-0"

- ◇ PLAN NOTES
1. MAINTAIN ALL EXISTING LUMINAIRES, CONTROLS, DEVICES, EXIT SIGNS, EMERGENCY LIGHTING, AND ASSOCIATED BRANCH CIRCUIT WIRING. NO WORK TO BE DONE IN THIS AREA UNLESS OTHERWISE NOTED.
 2. COFFEE MAKER - 120V, 1.6KW. WIRE TO GFCI CIRCUIT BREAKER AS INDICATED.
 3. DISHWASHER - 120V, 1.0KW. WIRE TO GFCI CIRCUIT BREAKER AS INDICATED.
 4. REFRIGERATOR - 120V, 1.0KW. WIRE TO GFCI CIRCUIT BREAKER AS INDICATED.
 5. REFER TO ROOF RECEPTACLE DETAIL ON THIS SHEET.
 6. FLUSH POKE-THROUGH FLOOR OUTLET WITH (2) TWO DUPLEX RECEPTACLES AND (2) DATA. CONFIRM FINAL MOUNTING LOCATION WITH OWNER PRIOR TO ROUGH-IN. PROVIDE 3/4" UNDERSLAB CONDUIT FOR POWER AND 1/4" UNDERSLAB CONDUIT FOR TELECOMMUNICATIONS STUBBED UP AT WALL.
 7. MICROWAVE - 120V, 1.6KW. WIRE TO GFCI CIRCUIT BREAKER AS INDICATED. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH MILLWORK.
 8. MAINTAIN EXISTING MAIN SERVICE DISCONNECT SWITCH, UTILITY METER BASE, AND DISCONNECT SWITCH. REFER TO ONE LINE DIAGRAM FOR MORE DETAILS.
 9. FLUSH POKE-THROUGH FLOOR OUTLET FOR POWERED FURNITURE SYSTEM. CONFIRM FINAL MOUNTING LOCATION WITH FURNITURE SYSTEM VENDOR PRIOR TO ROUGH-IN. PROVIDE 3/4" CONDUIT FOR POWER AND 1/4" CONDUIT WITH PULL WIRE FOR TELECOMMUNICATIONS ROUTED IN CEILING SPACE IN FLOOR BELOW. PROVIDE ALL PARTS AND ACCESSORIES FOR A COMPLETE AND OPERABLE INSTALLATION.

REV. NO.	DESCRIPTION	DATE	BY
1	FOR PERMIT	02/12/2021	TGP

33851 Curtis Blvd., 216
Eastlake, Ohio 44095
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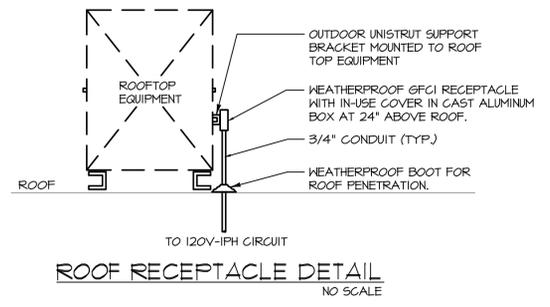
LIGHTING AND POWER &
COMMUNICATIONS PLANS

LUMINAIRE SCHEDULE								
TYPE	LUMINAIRE WATTS	VOLTS	LAMP TYPE	DESCRIPTION	MOUNTING	MANUFACTURER	CATALOG NUMBER	REMARKS
F1	103	120	LED 3500K 688 LUMENS / FT	ROUND PROFILE SUSPENDED FIXTURE WITH FLYWING OPTICS, ACRYLIC GLASS LENS, AND 1% 0-10V DIMMING. FINISH TO BE SELECTED BY OWNER.	SUSPENDED AT	VODE LIGHTING	107-RR-01-16-60-CC-48-2R25-AE-2-0-Z-SO-35-G2-0-XX-0	
F2	62	120	LED 3500K 750 LUMENS / FT	1.5" WHITE MATTE FIXTURE WITH ACRYLIC DIFFUSER AND 1% 0-10V DIMMING. LENS OPTION TO BE SELECTED BY OWNER.	RECESSED	LUMENWERX	VA1.5R-HLO-XX-LED-80-750-35-S-UNV-D1-1-XX-W	
F3	9	120	LED 2700K 590 LUMENS	DECORATIVE FIXTURE WITH 21" SHADE, LARGE GLASS, MATTE BLACK FINISH, AND 1% 0-10V DIMMING.	PENDANT AT	RCH BRILLIANT WILLING LIGHTING	HP-21-BB-PC30-27-120-TM-DGX-1R65	
F4	9	120	LED 2700K 530 LUMENS	DECORATIVE FIXTURE WITH WHITE GLOWING SHADE AND 1% 0-10V DIMMING.	PENDANT AT	RCH BRILLIANT WILLING LIGHTING	MP-S-27-120_TR_LINE	
F5	5	120	LED 2700K 325 LUMENS	DECORATIVE WALL SCONCE. FINISH TO BE SELECTED BY ARCHITECT / OWNER. DAMP LISTED RATED.	SURFACE / WALL	WORKSTEAD	N/A	
F7	11	120	LED 3500K 1,000 LUMENS	4" ROUND DOWNLIGHT WITH CLEAR TRIM, SEMI-SPECULAR FINISH, AND 1% 0-10V DIMMING.	RECESSED (GRID & GYP)	LITHONIA OR EQUALS BY OTHERS	LDN4-35/10-L04-AR-LSS-MVOLT-GZ1	
EM	2	120	LED	EMERGENCY BATTERY PACK WITH (2) LED LAMP HEADS, WHITE THERMOPLASTIC HOUSING AND NICKEL CADMIUM BATTERY.	SURFACE / WALL	LITHONIA OR EQUALS BY OTHERS	ELZL-M12	1
X	2	120	LED	EXIT SIGN WITH WHITE THERMOPLASTIC HOUSING, RED STENCIL LETTERING, AND NICKEL CADMIUM BATTERY. NUMBER OF FACES AND DIRECTIONS OF ARROWS AS INDICATED ON DRAWINGS.	CEILING / SURFACE / WALL	LITHONIA OR EQUALS BY OTHERS	LQM-S-W-X-R-MVOLT-ELN	1
X2	3	120	LED	EXIT COMBINATION SIGN WITH (2) LED LAMP HEADS, WHITE THERMOPLASTIC HOUSING, RED STENCIL LETTERING, AND NICKEL CADMIUM BATTERY. NUMBER OF FACES AND DIRECTIONS OF ARROWS AS INDICATED ON DRAWINGS.	CEILING / SURFACE / WALL	LITHONIA OR EQUALS BY OTHERS	LHQM-LED-R-HO	1

SCHEDULE REMARKS
1. WIRE EXIT SIGNS AND EMERGENCY BATTERY PACKS AHEAD OF ALL LIGHTING CONTROLS.

MECHANICAL EQUIPMENT WIRING SCHEDULE													
ITEM NO.	EQUIPMENT	HP	KN	MCA	FLA	VOLTS	Ø	CONNECTION BY EC	PANEL / CKT. NO.	CIRC BKR AMPS	POLES	WIRING AND CONDUIT	NOTES
RTU-3	ROOFTOP UNIT	-	Ø.6	-	24	208	3	WP-LX SOAS SOAF	P-202 / 2,4,6	60	3	3-6 AWG & 1-10 AWG GND - 3/4" C.	①

- SCHEDULE NOTES
1. DUCT SMOKE DETECTOR FURNISHED AND WIRED BY ELECTRICAL CONTRACTOR, MOUNTED IN RETURN AIR DUCT BY MECHANICAL CONTRACTOR.



DATE: 01/26/2021
DRAWN: MK
CHECKED: TGP
APPROVED: TGP
TEC PROJECT: 21136
SHEET NO.