1244 BLOSSOM 5TH FLOOR INTERIOR RENOVATION

1244 Blossom Street Columbia, SC 29208 for



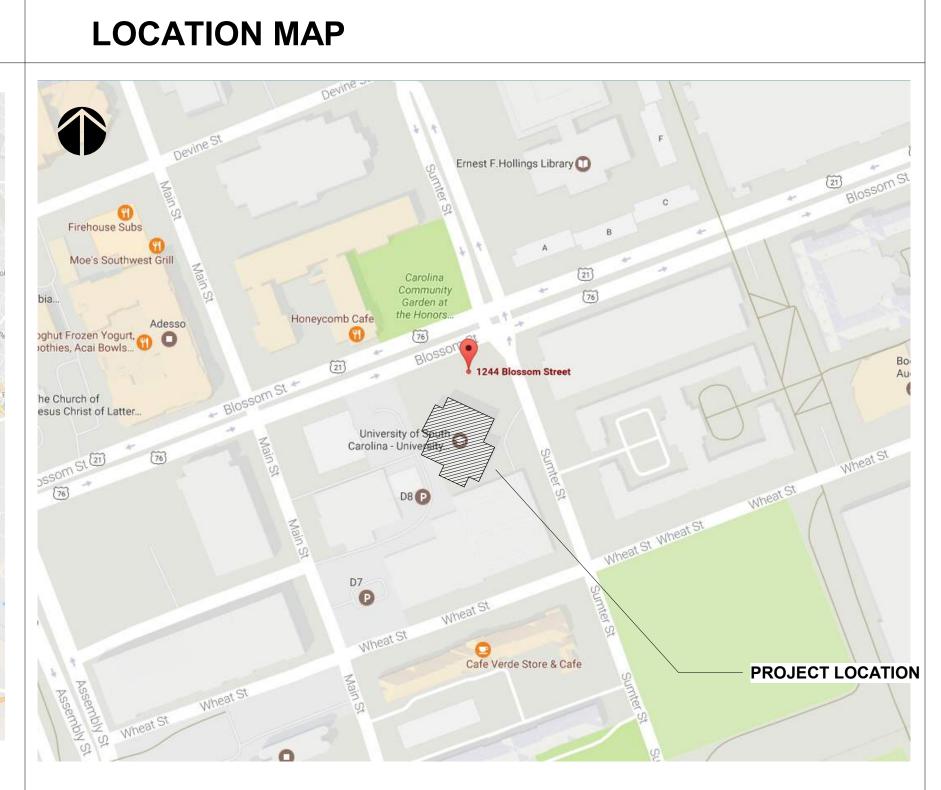
SOUTH CAROLINA

PROJECT TEAM

ARCHITECTS
INTERIOR DESIGNERS
ELECTRICAL ENGINEERS
MECHANICAL ENGINEERS

GOODWYN MILLS AND CAWOOD, INC. GOODWYN MILLS AND CAWOOD, INC. BELKA ENGINEERING ASSOCIATES SWYGERT & ASSOCIATES

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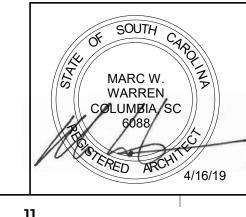
BUILDING CODE SUMMARY

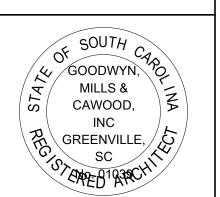
ADDRESS:	1244 Blossom Interior Re					
PROPOSED USE:	1244 Blossom St, Colum BUSIN					
OWNER OR AUTHORIZE		rsity of South Carolina		PHONE #	803-777-5	500
OWNED BY: CODE ENFORCEMENT J		CITY/COUNTY CITY	☐ PRIVATE ☐ COUNTY	■ STATE	_ ■ OSE	
	PROFESSIONAL		DUONE #	E MAII		
POSITION FIRM ARCHITECT GOO	DWYN, MILLS & CAWOO	NAME DD MARC W WARREN	PHONE # 803.766.1235	E-MAIL marc.warren@	agmonetwork	k com
	DWYN, MILLS & CAWOO		803.766.1235	marc.warren@		
YEAR EDITION	·	2015 INTERNATIONAL		- maromanon	<u> </u>	
☐ NEW CONSTR		OVATION (EXISTING BLD)	G.) UPFIT	Γ 🗆 ALTE	RATION	
STANDPIPES:	I-B-CONCRETE F NO □ YES NO □ YES NO □ YES STORY/STORIES D □ YES	RAME				
GROSS BUILDING ARE	A (SQ. FT.):		EXIS'	TING N	REN EW UP	NO/ PFIT
FIRST FLOOR				4600		990
SECOND FLOOR				14250		<u>990</u> '375
THIRD FLOOR				5000		500
FOURTH FLOOR			1	5000	0 50	600
						
ALLOWABLE A PRIMARY OCCUPANCY MIXED OCCUPANCY: FIRE PROTECT	BUSINESS NO TION REQUIREN			8850	0 23	465
ALLOWABLE APRIMARY OCCUPANCY: MIXED OCCUPANCY: FIRE PROTECT LIFE SAFETY PLAN SHEE BUILDING ELEI CORRIDOR SEPARATIO	BUSINESS NO TION REQUIREN ET #, IF PROVIDED EXI MENT ON EXISTING BUIL	STING BUILDING IS UNSPE	RINKLERED ORRIDOR SEPARATIO	N - NO NEW CC		465
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ALLOWABLE A PRIMARY OCCUPANCY: MIXED OCCUPANCY: FIRE PROTECT LIFE SAFETY PLAN SHEE BUILDING ELEI CORRIDOR SEPARATION TENANT SEPARATION LIFE SAFETY S EMERGENCY LIGHTING EXIT SIGNS: FIRE ALARM: SMOKE DETECTION SY EXIT REQUIRE NUMBER AND	BUSINESS NO TION REQUIREN ET #, IF PROVIDED EXI MENT ON EXISTING BUIL SINGLE OCCU YSTEM REQUIR :	DING DOES NOT HAVE C PANT BUILDING, TENANT EMENTS YES YES YES YES YES YES YES	RINKLERED ORRIDOR SEPARATIO	N - NO NEW CC		465
ALLOWABLE A PRIMARY OCCUPANCY: FIRE PROTECT LIFE SAFETY PLAN SHEE BUILDING ELEI CORRIDOR SEPARATION LIFE SAFETY S' EMERGENCY LIGHTING EXIT SIGNS: FIRE ALARM: SMOKE DETECTION SY EXIT REQUIRE NUMBER AND 2 REQUIRED, 2 PROVID PER THE 2015 IEBC, THE PERFORMANCE COMPL ASSOCIATED EVALUAT JURISDICTION, USC FIR	BUSINESS NO TION REQUIRENT ET #, IF PROVIDED EXISTING BUILD SINGLE OCCU YSTEM REQUIR NO NO STEMS: NO MENTS ARRANGEMENT ED EXITS CLEARLY MAR EXISTING BUILDING AT LIANCE METHOD IN ACCUTON CRITERIA SET FORTE MARSHAL.	DING DOES NOT HAVE C PANT BUILDING, TENANT EMENTS YES YES YES YES YES AYES COFFICIENTS KED IN THE SPACE 1244 BLOSSOM STREET, C CORDANCE WITH CHAPTE H IN SECTION 1401.6 AND	ORRIDOR SEPARATIO SEPARATION NOT AF	N - NO NEW CO PPLICABLE G REVIEWED UT DN INCLUDES AI BY ATHORITY I	ORRIDORS PRO	465
ALLOWABLE A PRIMARY OCCUPANCY: FIRE PROTECT LIFE SAFETY PLAN SHEE BUILDING ELEI CORRIDOR SEPARATION LIFE SAFETY S' EMERGENCY LIGHTING EXIT SIGNS: FIRE ALARM: SMOKE DETECTION SY. EXIT REQUIRE NUMBER AND 2 REQUIRED, 2 PROVID PER THE 2015 IEBC, THE PERFORMANCE COMPL ASSOCIATED EVALUAT JURISDICTION, USC FIR 1. THE EX CONSTRUCTION. 2. THE EX	BUSINESS NO TION REQUIREN ET #, IF PROVIDED EXI MENT DN EXISTING BUIL SINGLE OCCU YSTEM REQUIR NO NO STEMS: NO MENTS ARRANGEMEN ED EXITS CLEARLY MAR EXISTING BUILDING AT LIANCE METHOD IN ACCO TION CRITERIA SET FORT E MARSHAL. KISTING BUILDING IS CO KISTING "B" - BUSINESS O	DING DOES NOT HAVE COPANT BUILDING, TENANT EMENTS YES YES YES YES YES KED IN THE SPACE	ORRIDOR SEPARATIO SEPARATION NOT AF OLUMBIA, SC IS BEING ER 14. THE EVALUATIO SHALL BE APPROVED RETE FRAME EQUIVAL GED.	N - NO NEW CO PPLICABLE G REVIEWED UT DN INCLUDES AL BY ATHORITY I	ORRIDORS PRO TILIZING THE LL OF THE HAVING 1B	465
ALLOWABLE A PRIMARY OCCUPANCY: FIRE PROTECT LIFE SAFETY PLAN SHEE BUILDING ELE CORRIDOR SEPARATION LIFE SAFETY S EMERGENCY LIGHTING EXIT SIGNS: FIRE ALARM: SMOKE DETECTION SY EXIT REQUIRE NUMBER AND 2 REQUIRED, 2 PROVID PER THE 2015 IEBC, THE PERFORMANCE COMPL ASSOCIATED EVALUAT JURISDICTION, USC FIR 1. THE EX CONSTRUCTION. 2. THE EX 3. THE BU 4. THE CO	BUSINESS NO TION REQUIRENT ET #, IF PROVIDED EXIST MENT DN EXISTING BUIL SINGLE OCCU YSTEM REQUIR NO NO STEMS: NO MENTS ARRANGEMENT ED EXITS CLEARLY MAR EXISTING BUILDING AT IND	DING DOES NOT HAVE COPANT BUILDING, TENANT EMENTS YES YES YES YES YES TOF EXITS KED IN THE SPACE 1244 BLOSSOM STREET, COORDANCE WITH CHAPTE H IN SECTION 1401.6 AND NSTRUCTED AS A CONCINCTURE A BELOW THE ALLOAB	CORRIDOR SEPARATIO SEPARATION NOT AF OLUMBIA, SC IS BEING ER 14. THE EVALUATIO SHALL BE APPROVED RETE FRAME EQUIVAL GED. ALE AREA FOR NEW CO SYSTEM, BUT DOES H	N - NO NEW CC PLICABLE G REVIEWED UT ON INCLUDES AL BY ATHORITY I	ORRIDORS PRO TILIZING THE LL OF THE HAVING 1B	465

OF THE BUILDING CORRIDORS, INCLUDING CORRIDORS FORMED BY NEW WALLS IS NOT REQUIRED.

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TITLE SHEET

TO OI

GENERAL PARTITION TYPE NOTES

INFORMATION AS PART OF COORDINATION DRAWINGS.

- A) PARTITION TYPE DETAILS APPLY UNLESS INDICATED OTHERWISE ON WALL SECTIONS, SECTION DETAILS AND PLAN DETAILS.
- B) PARTITION WALLS THAT ARE PARALLEL WITH COLUMN LINES SHALL BE CENTERED ON COLUMN LINES UNLESS NOTED OTHERWISE.
- C) PARTITONS THAT INTERSECT THE EXTERIOR WINDOW SYSTEM ARE TO BE CENTERED O NTHE EXISTING MULLION. PROVIDE CLOSURE BREAK METAL TRIM - COLOR TO MATCH THE EXISTING WINDOW
- AT PARTITIONS NOTED AT TYPE "4", WHERE EXISTING DOORS ARE REMOVED OR PORTIONS OF EXISTING WALLS ARE TO BE INFILLED, CONSTRUCT THE INFILL OF THE SAME FRAMING AND DRYWALL TO ALIGN FINISH SURFACES. TAPE AND MUD THE JOINT AND FEATHER SKIM COAT TO SMOOTH TRANSITION.
- CONTROL JOINTS: GYPSUM BOARD / METAL STUDS (CJ) SHALL BE AS SHOWN OR 25'-0" O.C. MAX. IF NOT

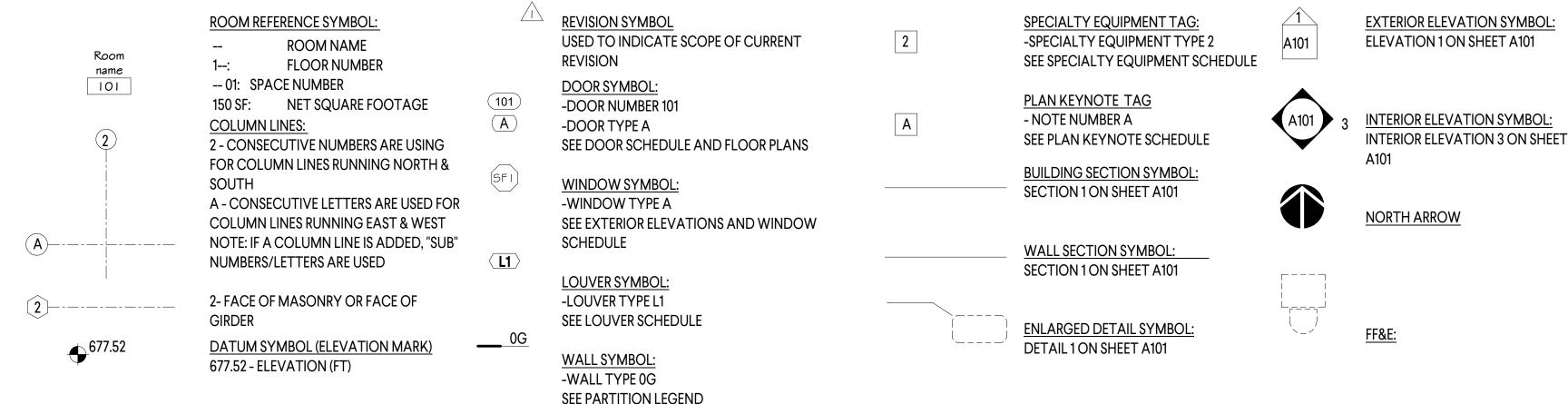
CONDUIT AND CABLE TRAY) IN WALLS INCLUDING SECTIONS, SIZE, LOCATION, AND DETAIL

- F) GENERAL CONTRACTOR OR BUILDING / FINISH CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ALL OPENINGS AND HOLES (INCLUDING THOSE REQUIRED FOR DUCTWORK AND LARGE SYSTEM PIPING,
- G) LARGE HOLES FOR DUCTWORK, LARGE GROUPS OF PIPING OR CONDUIT, AND CABLE TRAY SHALL BE FRAMED AND SHALL INCLUDE HEADERS REQUIRED TO SPAN THE OPENING. HOLES FOR DUCTWORK MAY NOT BE CUT AFTER WALLS ARE CONSTRUCTED.
- H) ALL PIPE AND CONDUIT PENETRATIONS THRU CMU WALLS SHALL BE SEALED. HOLES SHALL BE NO GREATER THAN 1" OVER THE PIPE OR CONDUIT SIZE WHERE PENETRATIONS ARE EXPOSED TO VIEW. ESCUTCHEON PLATE SHALL BE PROVIDED BY SUB-CONTRACTOR OR MULTI-PRIME CONTRACTOR. PLATE SHALL BE PAINTABLE AND PAINTED TO MATCH ADJACENT WALL.
- REFER TO UL ASSEMBLIES OF ALL BUILDING SYSTEMS REQUIRED TO BE RATED. ALL PENETRATIONS THROUGH RATED WALL AND FLOOR ASSEMBLIES MUST COMPLY WITH UL DESIGNS FOR PENETRATIONS.
- J) ALL FIRE RATED WALLS TO RECEIVE STENCILED TEXT ON CONTINUOUS PAINTED BAND ABOVE CEILING AS FOLLOWS: 2" HIGH STENCILED TEXT READING "X-HOUR FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS" TO BE PAINTED (RED) ON ALL FIRE RATED WALL ASSEMBLIES (ABOVE CEILINGS WHERE SUSPENDED CEILING OCCURS). TEXT IS TO BE PAINTED ON BOTH SIDES OF EACH FIRE WALL, 40'-0" O.C. WITH 1" WIDE LINE PAINTED (RED) BETWEEN TEXT.
- SEE FLOOR PLANS FOR LOCATION AND RATING ON ALL FIRE RATED WALLS.
- UTILIZE TYPE "X" GYPSUM BOARD AT ALL RATED WALLS TO COMPLY WITH UL TEST STANDARDS.

REFER TO NOTE "D" FOR PARTITION TYPE #4

- M) AT ALL JOINTS AT THE TOP OF ALL FIRE RATED WALLS AND PARTITIONS AND AT CONTROL JOINTS, PROVIDE COMPLETE UL LISTED FIRE RESISTIVE JOINT SYSTEM TO MATCH FIRE RESISTANCE OF THE WALL ASSEMBLY AND THAT ARE COMPATIBLE WITH JOINT SUBSTRATES. SUBMIT COMPLETE JOINT SYSTEM PRODUCT INFORMATION FOR ALL CONDITIONS FOR THE ARCHITECTS REVIEW.
- AT ALL PENETRATIONS AT RATED WALLS AND FLOOR / CEILING ASSEMBLIES, PROVIDE UL LISTED FIRE N) RESISTIVE SEALANT / FIRE STOP SYSTEM TO MATCH THE FIRE RESISTANCE OF WALL AND FLOOR / CEILING ASSEMBLY. SYSTEM SHALL BE COMPATIBLE WITH ADJACENT SUBSTRATES. SUBMIT PENETRATION ASSEMBLY INFORMATION AND PRODUCT INFORMATION FOR ALL CONDITIONS FOR THE
- AT ALL WALLS NOTED TO EXTEND TO DECK, ALL PENETRATIONS SHALL BE SEALED (INCLUDING CONDUIT, PIPING, DUCTWORK, ETC.) WHERE JOISTS PENETRATE WALLS EXTENDING TO DECK, GYPSUM O) BOARD SHALL BE INFILLED AROUND JOISTS AND GAPS FILLED WITH INSULATION.
- SEE INTERIOR ELEVATIONS AND DETAILS FOR REVEALS IN WALLS AND MAINTAIN ALL WALL RATINGS. ADD ADDITIONAL LAYER OF GYPSUM BOARD TO MAINTAIN RATING.

ANNOTATION SYMBOLS



GENERAL THRU-PENETRATION NOTES

1. GENERAL

- A. ALL THROUGH-PENETRATION FIRESTOP WORK SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 07841 – THROUGH PENETRATION FIRESTOP
- B. THE DETAILS SHOWN HEREIN ILLUSTRATE FREQUENTLY ENCOUNTERED THROUGH-PENETRATION FIRESTOP CONDITIONS. THEY ARE GENERIC REPRESENTATIONS OF SYSTEMS AVAILABLE FROM SEVERAL MANUFACTURERS
- SELECTION OF APPROPRIATE SYSTEMS SHALL BE THE RESPONSIBILITY OF THE C. FIRESTOP CONTRACTOR, AND MUST BE SUBMITTED FOR ARCHITECT'S APPROVAL. EACH SELECTION SHALL BE APPROPRIATE FOR THE PENETRATING

ITEM AND SUBSTRATE, AND SHALL COMPLY WITH THE SPECIFIC

REQUIREMENTS OF A UL LISTED SYSTEM DESIGN.

WHERE NO APPLICABLE UL DESIGN IS AVAILABLE FOR A PARTICULAR FIRESTOF D. CONFIGURATION, SUBMIT AN ENGINEERING JUDGMENT (EJ), OR EQUIVALENT FIRE RESISTANCE RATED ASSEMBLY (EFRRA), PREPARED BY THE FIRESTOP MANUFACTURER.

2. APPLICABILITY

- A. PROVIDE THROUGH-PENETRATION FIRESTOP SYSTEMS FOR ALL PENETRATIONS (INCLUDING SINGLE-SIDED MEMBRANE PENETRATIONS) OF FIRE RESISTANCE RATED CONSTRUCTION. WHETHER OR NOT SPECIFICALLY DETAILED ON THE DRAWINGS (APPLICABLE TO BOTH EMPTY OPENINGS AND OPENINGS CONTAINING PENETRATING ITEMS).
- B. ALL PIPING AND DUCTWORK SUBJECT TO MOVEMENT SHALL BE FIRESTOPPED WITH FLEXIBLE FIRE RATED SEALANT.
- C. TO EXTENT THAT APPROPRIATE UL DESIGNS ARE AVAILABLE FOR SUBSTRATE REQUIRED. USE THE FOLLOWING APPROACH TO SELECTION OF SYSTEMS:
- a. FOR SIMPLE PENETRATIONS: ONE-PART FIRESTOP SEALANT b. FOR COMPLEX PENETRATIONS: FOAMED-IN-PLACE FIRESTOP SEALANT
- FOR INSULATED METAL PIPE: INTUMESCENT WRAP STRIP AND ONE-PART FIRESTOP SEALANT.
- d. FOR DUCTS OR VENTS: e. FOR CABLE TRAYS OR RACEWAYS:

3. SLEEVING

- A. THE FOLLOWING PENETRATIONS MUST BE SLEEVED:
- a. SINGLE ROUND PENETRATIONS IN RATED CMU WALLS

d. ALL PENETRATIONS IN ELEVATED CONCRETE SLABS.

- b. INSULATED PIPE PENETRATIONS IN RATED GYPSUM BOARD WALLS c. BUNDLED CABLE PENETRATIONS IN RATED GYPSUM BOARD WALLS
- B. ALL SLEEVES SHALL BE METAL. PLASTIC IS NOT PERMITTED. THE JUNCTURE OF STEEL SLEEVES AND WALL SHALL BE SEALED WITH FLEXIBLE FIRE RATED SEALANT.

4. QUALITY ASSURANCE

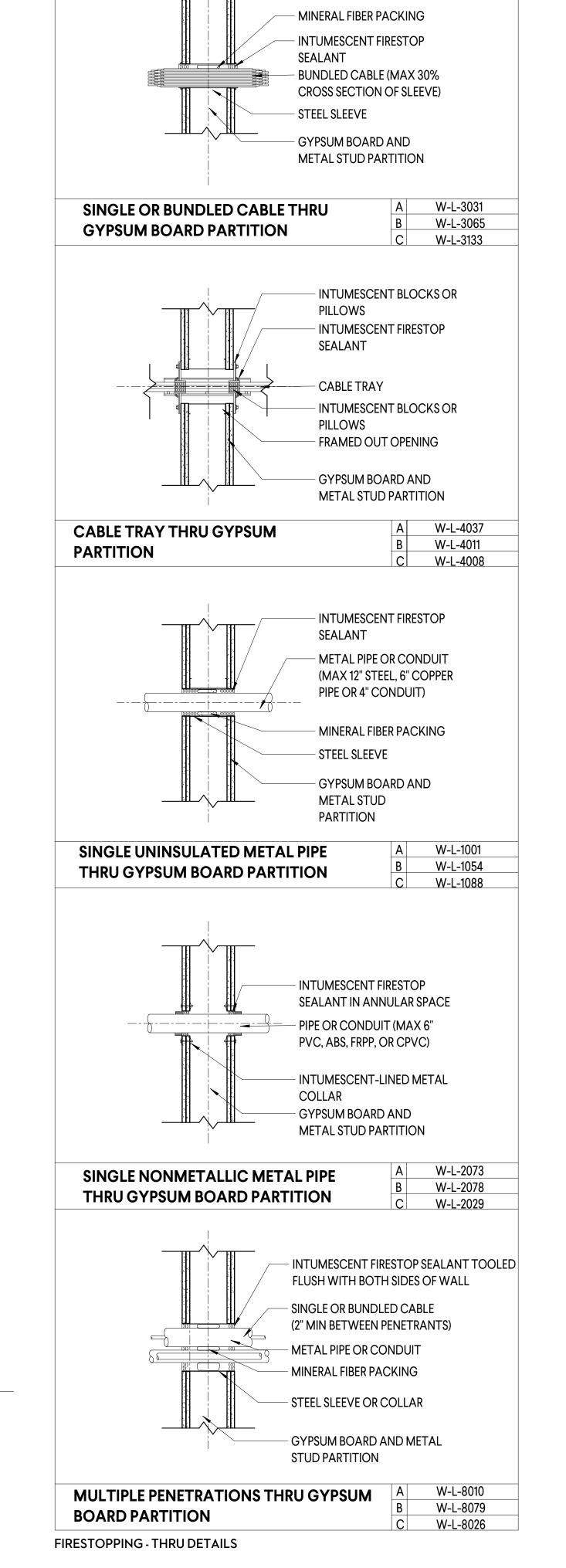
- A. COMPLY WITH "INSTALLER QUALIFICATIONS" AND "ON-SITE RESPONSIBLE PARTY" PROVISIONS OF SPECIFICATION SECTION 07841 – THROUGH-
- PENETRATION FIRESTOP SYSTEMS. B. OBTAIN THROUGH-PENETRATION FIRESTOP SYSTEMS THROUGH ONE SOURCE
- FROM A SINGLE MANUFACTURER. C. COMMENCE FIRESTOPPING WORK ONLY AFTER SUBMITTALS (INCLUDING MOCKUPS WHERE APPLICABLE) ARE APPROVED, AND PRE-INSTALLATION CONFERENCE IS SUCCESSFULLY CONCLUDED.

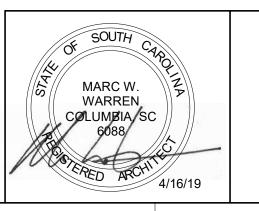
INSTALLATION – GENERAL

- A. COMPLY WITH UL SYSTEM REQUIREMENTS AND FIRESTOPPING MANUFACTURERS' PRINTED INSTALLATION INSTRUCTIONS.
- B. INSTALL FORMING / DAMMING / BACKING MATERIALS AND OTHER ACCESSORIES OF TYPES REQUIRED TO SUPPORT FILL MATERIALS DURING THEIR APPLICATION AND IN THE POSITION NEEDED TO PRODUCE CROSS-SECTIONAL SHAPES AND DEPTHS REQUIRED TO ACHIEVE FIRE RATINGS INDICATED. INSTALL FILL MATERIALS BY PROVEN TECHNIQUES TO PRODUCE THE
- C. FOLLOWING RESULTS: a. FILL VOIDS AND CAVITIES FORMED BY OPENINGS, FORMING MATERIALS,
- ACCESSORIES. AND PENETRATING ITEMS AS REQUIRED TO ACHIEVE FIRE-RESISTANCE RATINGS INDICATED,
- b. APPLY MATERIALS SO THEY CONTACT AND ADHERE TO SUBSTRATES FORMED BY OPENINGS AND PENETRATING ITEMS, c. FOR FILL MATERIALS THAT WILL REMAIN EXPOSED AFTER COMPLETING
- WORK, FINISH TO PRODUCE SMOOTH UNIFORM SURFACES THAT ARE FLUSH WITH ADJOINING FINISHES.
- D. REMOVE COMBUSTIBLE FORMING MATERIALS, AND OTHER ACCESSORIES, THAT ARE NOT INDICATED AS PERMANENT COMPONENTS OF FIRESTOP
- . REMOVE EXCESS SEALANT FROM ADJOINING SURFACES.
- IDENTIFY THROUGH PENETRATION FIRESTOP SYSTEMS WITH PERMANENTLY ATTACHED, PREPRINTED METAL OR PLASTIC LABELS, AS SPECIFIED.
- INSPECT FILL MATERIALS AFTER 48 HOURS FOR COMPLETE ADHESION AND G. SEAL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. CORRECT DEFICIENCIES AND RE-INSPECT.

MOUNTING HEIGHT NOTES

- 01. TYPICAL HEIGHTS: MOUNTING HEIGHTS INDICATED HEREIN ARE TYPICAL MOUNTING HEIGHTS FOR DEVICE INDICATED. HOWEVER, MOUNTING HEIGHTS FOR PRODUCTS MAY VARY BY MANUFACTURER, AND THEREFORE THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT WHERE A DISCREPANCY EXISTS BETWEEN THE INDICATED MOUNTING HEIGHT AND THE MANUFACTURER RECOMMENDED MOUNTING HEIGHT, PRIOR TO INSTALLATION OF THE DEVICE
- 02. ADA DEVICES: ALL DEVICES AND FIXTURES NOTED AS "ADA" OR "ACCESSIBLE" SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT AND APPLICABLE CODE.
- 03. ELECTRICAL DEVICES: SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR REQUIRED MOUNTING HEIGHT OF ELECTRICAL DEVICES AND FIXTURES. WHERE CONFLICTS EXIST BETWEEN THESE MOUNTING HEIGHTS AND THE REQUIREMENTS OF THE ELECTRICAL ENGINEER, THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO ROUGH-
- 04. MECHANICAL/PLUMBING DEVICES: SEE MECHANICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR REQUIRED MOUNTING HEIGHT OF MECHANICAL AND PLUMBING DEVICES AND FIXTURES. WHERE CONFLICTS EXIST BETWEEN THESE MOUNTING HEIGHTS AND THE REQUIREMENTS OF THE MECHANICAL ENGINEER, THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO ROUGH-IN.





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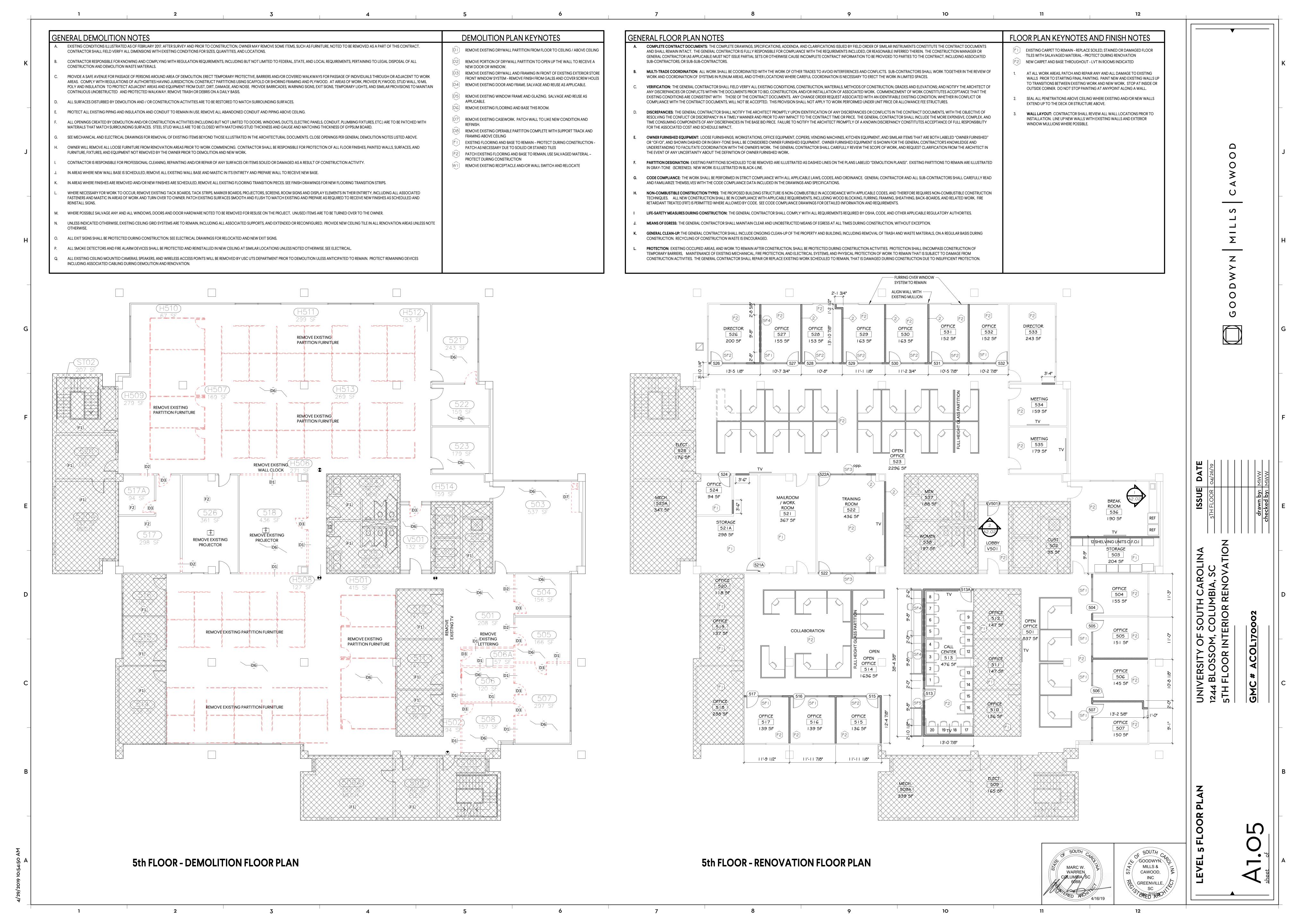
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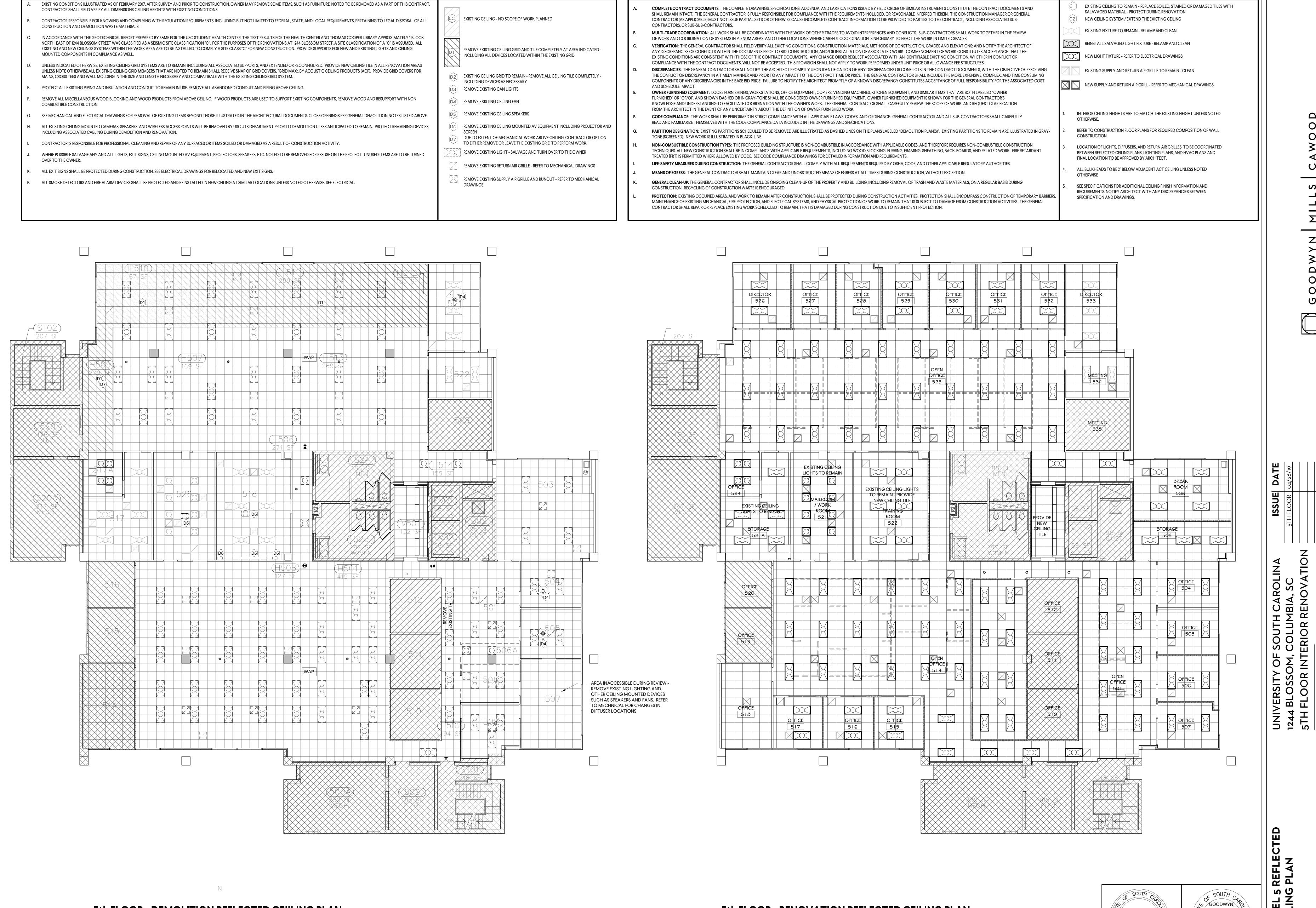
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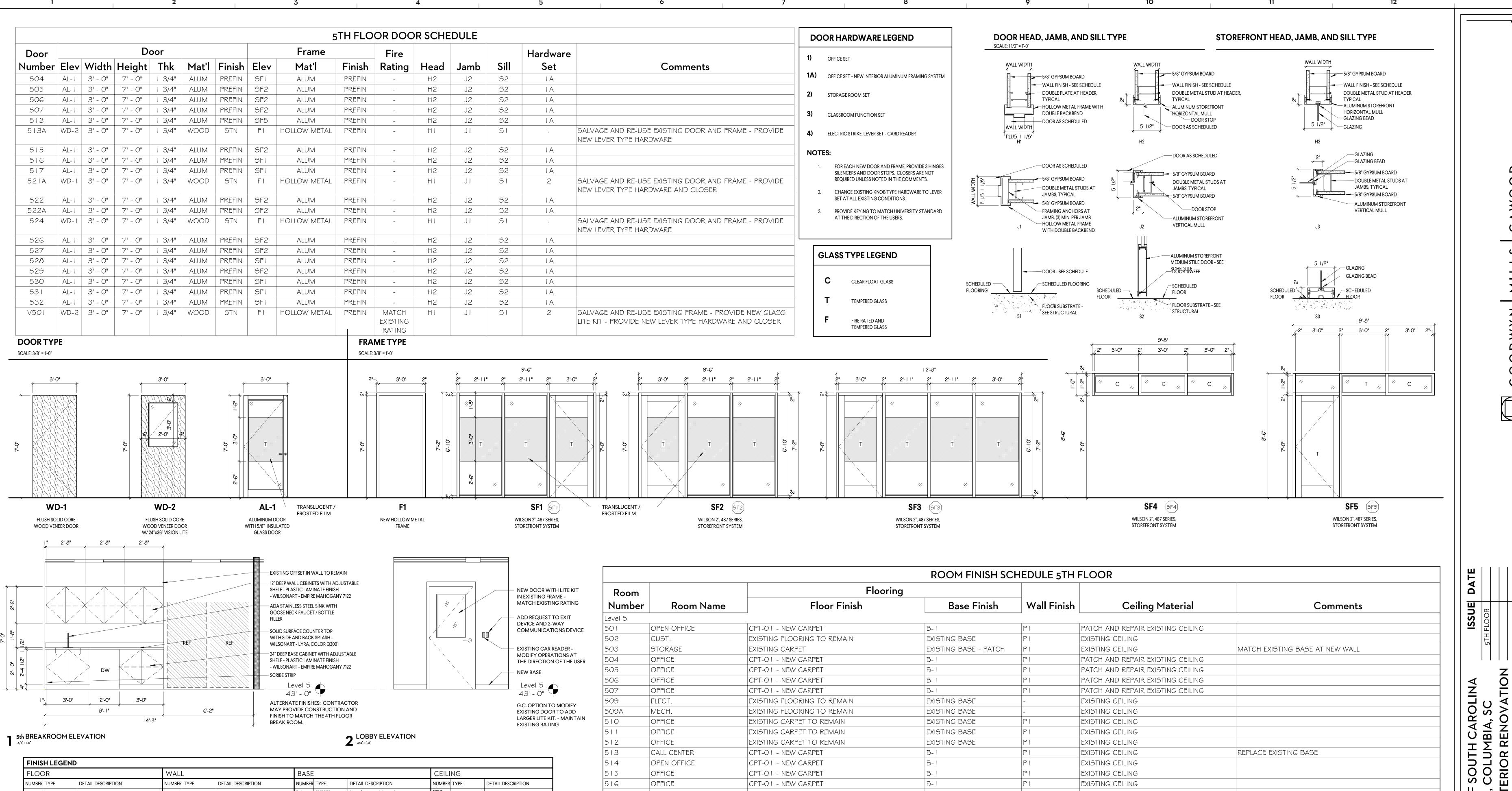
GENERAL CEILING PLAN NOTES

DEMOLITION RCP KEYNOTES / LEGEND

MARC W.
WARREN
COLUMBIA/SC
6088

CEILING PLAN KEYNOTES AND FINISH NOTE

GENERAL CEILING DEMOLITION NOTES



2 LOBBY ELEVATION ■ 5th BREAKROOM ELEVATION

FINISH LEGEN	D										
FLOOR		WAL	L		BASE	_		CEIL	CEILING		
NUMBER TYPE	DETAIL DESCRIPTION	NUMBER	TYPE	DETAIL DESCRIPTION	NUMBER TYPE DETAIL DESCRIPTION		NUMBER	TYPE	DETAIL DESCRIPTION		
CPT-01 CARPET	Manufacturer: Mannington Commercial Name: Raffia Style: Tile Color: Pulse 75458 Size: 24"x24" Backing: Infinity Installation: Horiz. Brick Ashlar	P1	MAIN WALL PAINT	Manufacturer: Sherwin-Williams Name: Panda White Style: EggShell Finish Color: SW 6147	B-1	RUBBER BASE	Manufacturer: Johnsonite Name: Thermoplastic Color: Burnt Umber B Size: 4"	GIRD COVER	EXISTING CEILING GRID	Manufacturer: ACOUSTIC CEILING PRODUCTS Name: GRIDMAX Style: 1" FOR 7/8" GRID Color: WHITE TYPE: WALL MOLD, MAIN, AND TEE COVERS	
LVT-01 VINYL TILE	Manufacturer: Armstrong Flooring Name: Natural Creations Style: Luxury Vinyl Tile Color: TP776 Aria Gray Beige Size: 18"x18" Underlayment: S1841 Quiet Comfort Installation: Monolithic	P2	ACCENT WALL PAINT	Manufacturer: Sherwin-WIlliams Name: Fine Wine Style: Semi-Gloss Color: SW 6307	P-3	TRIM PAINT DOOR FRAMES	Manufacturer: Sherwin-WIlliams Name: Web Gray Style: Semi-Gloss Color: SW 7075	ACT-1	ACOUSTICAL CEILING TILE	Manufacturer: USG Grid Name: RADAR Style: SQUARE EDGE Color: WHITE Size: 2' x 2' x 5/8"	

FINISH PLAN NOTES:

EXISTING CEILING:

1. THE FINISH SCHEDULE KEY NOTES

IN ROOMS OR SPACES THAT ARE BEING RECONFIGURED OR EXPANDED, EXAMINE CARPET AND PATTERN AND EXISTING CARPET - PATCH: RECONFIGURE AND PATCH CARPET TO FILL THE EXISTING ROOM WITH A UNIFORM LOOK. IF NECESSARY, REMOVE ALL CARPET TILES AND REINSTALL FOR CONTINUOUS AND COMPLETE PATTERN. REPLACE ANY DAMAGED OR STAINED

EXISTING BASE - PATCH: THE EXISTING BASE IS TO REMAIN IN THE EXISTING ROOM OR SPACES. IN ROOMS OR SPACES THAT ARE BEING RECONFIGURED, PATCH THE EXISTING BASE WITH MATCHING SALVAGED MATERIAL OR NEW MATERIAL OF MATCHING SIZE AND COLOR. WHERE EXISTING BASE IS ON AN EXISTING WALL IN A ROOM OR SPACED CALLED FOR NEW BASE,

REMOVE THE EXISTING BASE AND REPLACE WITH NEW BASE, B-1

IN AREAS NOTED TO HAVE EXISTING CEILING, THE CEILING GRID IS TO REMAIN AS IS. REMOVE THE EXISTING TILES AS NEEDED TO PERFORM THE WORK AND SALAVGE FOR REUSE. DISCARGE DAMAGED, CUT, STAINED, AND OR SOILED TILES. STOCKPILE EXISTING TILES AND REINSTALL. DO NOT MIX NEW AND EXISTING TILES IN THE SAME SPACE. PRIOR TO

INSTALLING CEILING TILE, INSTALL SNAP ON GRID COVERS OR RE-PAINT THE EXISTING GRID.

TILE IN THE EXISTING ROOM OR SPACE. PROTECT EXISTING CARPET DURING CONSTRUCTION.

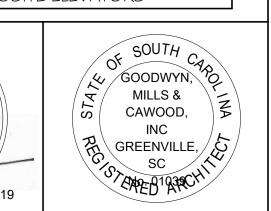
EXTEND EXISTING CEILING GRID: IN ROOMS AND SPACES THAT ARE RECONFIGURED, REMOVE THE EXISTING TILES AND SALAVGE FOR REUSE AND EXTEND THE EXISTING CEILING GRID TO ALIGN WITH THE EXISTING GRID. DISCARGE DAMAGED, CUT, STAINED, AND OR SOILED TILES. STOCKPILE EXISTING TILES AND REINSTALL. DO NOT MIX NEW AND EXISTING TILES IN THE SAME SPACE. PRIOR TO INSTALLING CEILING TILE, INSTALL SNAP ON GRID COVERS OVER BOTH THE EXISTING AND NEW GRID

TRIM PAINT: IN ALL AREAS, REPAINT EXISTING DOOR FRAMES AND TRIM TO COLOR P-3

MEMBERS.

		ROOM FINISH SC	HEDULE 5TH	FLOOR	
	Flooring	_			
Room Name	Floor Finish	Base Finish	Wall Finish	Ceiling Material	Comments
OFFICE	CPT-01 - NEW CARPET	B- I	PI	PATCH AND REPAIR EXISTING CEILING	
	EXISTING FLOORING TO REMAIN	EXISTING BASE	PI	EXISTING CEILING	
AGE	EXISTING CARPET	EXISTING BASE - PATCH	PI	EXISTING CEILING	MATCH EXISTING BASE AT NEW WALL
E	CPT-O I - NEW CARPET	B- I	PI	PATCH AND REPAIR EXISTING CEILING	
E	CPT-O I - NEW CARPET	B- I	PI	PATCH AND REPAIR EXISTING CEILING	
E	CPT-01 - NEW CARPET	B-I	PI	PATCH AND REPAIR EXISTING CEILING	
E	CPT-01 - NEW CARPET	B-I	PI	PATCH AND REPAIR EXISTING CEILING	
	EXISTING FLOORING TO REMAIN	EXISTING BASE	-	EXISTING CEILING	
•	EXISTING FLOORING TO REMAIN	EXISTING BASE	-	EXISTING CEILING	
E	EXISTING CARPET TO REMAIN	EXISTING BASE	PI	EXISTING CEILING	
E	EXISTING CARPET TO REMAIN	EXISTING BASE	PI	EXISTING CEILING	
E	EXISTING CARPET TO REMAIN	EXISTING BASE	PI	EXISTING CEILING	
CENTER	CPT-01 - NEW CARPET	B- I	PI	EXISTING CEILING	REPLACE EXISTING BASE
OFFICE	CPT-01 - NEW CARPET	B- I	PI	EXISTING CEILING	
E	CPT-OI - NEW CARPET	B- I	PI	EXISTING CEILING	
E	CPT-01 - NEW CARPET	B- I	PI	EXISTING CEILING	
E	CPT-01 - NEW CARPET	B-I	PI	EXISTING CEILING	
E	EXISTING CARPET TO REMAIN	EXISTING BASE	PI	EXISTING CEILING	
E	EXISTING CARPET TO REMAIN	EXISTING BASE	PI	EXISTING CEILING	
E	EXISTING CARPET TO REMAIN	EXISTING BASE	PI	EXISTING CEILING	
OOM / WORK ROOM	EXISTING CARPET TO REMAIN - PATCH AS REQUIRED	EXISTING BASE - PATCH	PI	EXISTING CEILING	
AGE	EXISTING CARPET TO REMAIN - PATCH AS REQUIRED	EXISTING BASE - PATCH	PI	EXISTING CEILING	
NG ROOM	CPT-OI - NEW CARPET	B- I	PI	EXISTING CEILING	REPLACE EXISTING BASE
OFFICE	CPT-OI - NEW CARPET	B- I	PI	PATCH AND REPAIR EXISTING CEILING	
 E	EXISTING CARPET TO REMAIN - PATCH AS REQUIRED	EXISTING BASE - PATCH	PI	EXISTING CEILING	
	EXISTING FLOORING TO REMAIN	EXISTING BASE	-	EXISTING CEILING	
	EXISTING FLOORING TO REMAIN	EXISTING BASE	_	EXISTING CEILING	
TOR	CPT-OI - NEW CARPET	B-1	PI	PATCH AND REPAIR EXISTING CEILING	
 E	CPT-OI - NEW CARPET	B-1	PI	PATCH AND REPAIR EXISTING CEILING	
E	CPT-O1 - NEW CARPET	B-1	PI	PATCH AND REPAIR EXISTING CEILING	
E	CPT-O1 - NEW CARPET	B-1	PI	PATCH AND REPAIR EXISTING CEILING	
<u>-</u> E	CPT-O1 - NEW CARPET	B-1	PI	PATCH AND REPAIR EXISTING CEILING	
<u>-</u> E	CPT-OI - NEW CARPET	B- I	PI	PATCH AND REPAIR EXISTING CEILING	
<u>-</u> E	CPT-O1 - NEW CARPET	B- I	PI	PATCH AND REPAIR EXISTING CEILING	
			PI		REPLACE EXISTING BASE
			PI		REPLACE EXISTING BASE
			PI		REPLACE EXISTING BASE
			PI		
			_		
			P- I		PROVIDE P-2 ACCENT WALL OPPOSITE ELEVATORS
TOR NG NG ROOM		CPT-0 I - NEW CARPET CPT-0 I - NEW CARPET CPT-0 I - NEW CARPET LVT-0 I EXISTING FLOORING TO REMAIN EXISTING FLOORING TO REMAIN CPT-0 I - NEW CARPET	CPT-01 - NEW CARPET CPT-01 - NEW CARPET B- I LVT-01 EXISTING FLOORING TO REMAIN EXISTING FLOORING TO REMAIN EXISTING FLOORING TO REMAIN B- I	CPT-0 I - NEW CARPET B- I CPT-0 I - NEW CARPET B- I LVT-0 I EXISTING FLOORING TO REMAIN EXISTING FLOORING TO REMAIN B- I EXISTING FLOORING TO REMAIN B- I -	CPT-0 I - NEW CARPET B- I P I EXISTING CEILING CPT-0 I - NEW CARPET B- I P I EXISTING CEILING EXISTING CEILING EXISTING FLOORING TO REMAIN EXISTING BASE EXISTING FLOORING TO REMAIN B- I EXISTING CEILING EXISTING CEILING

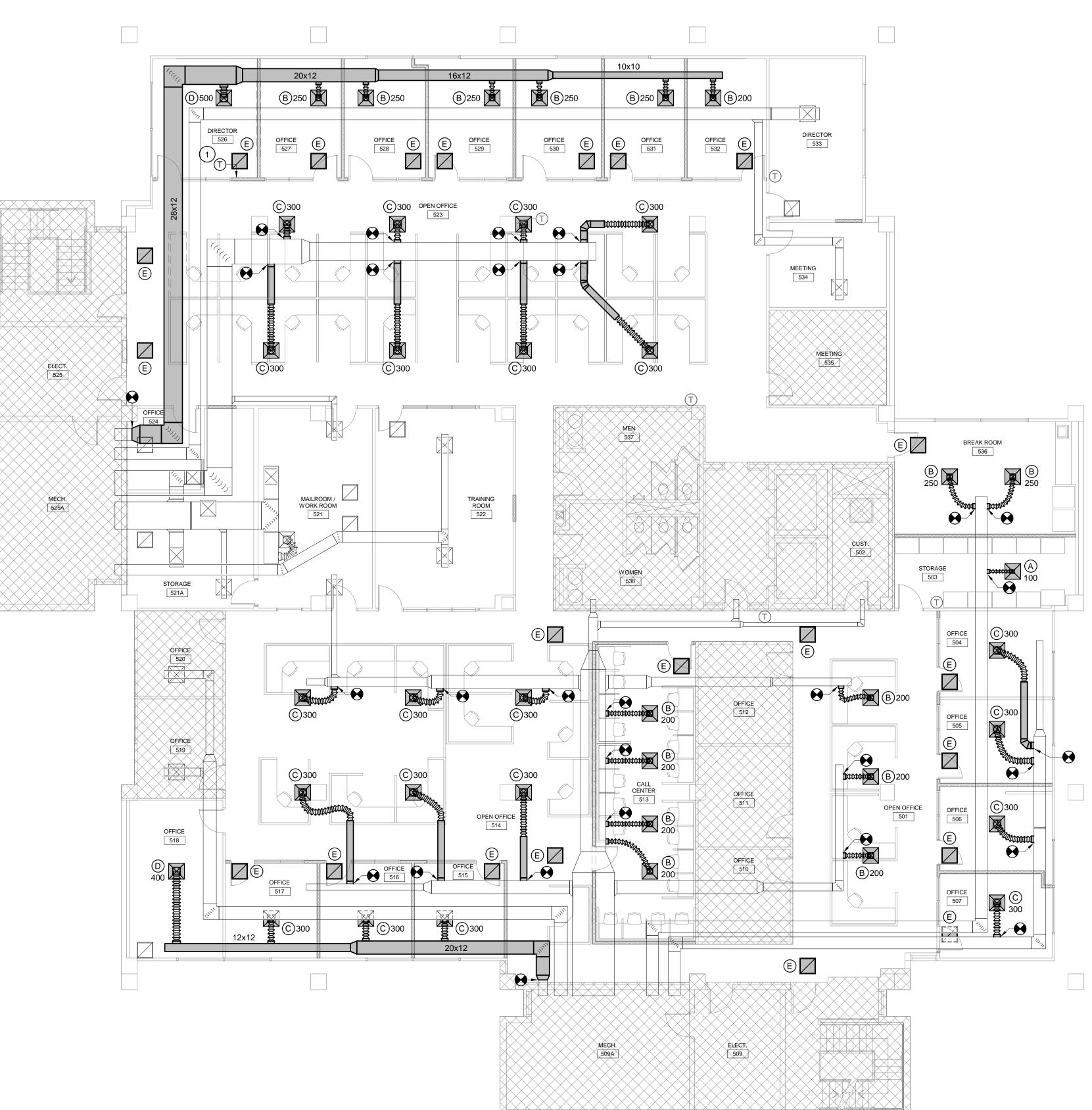




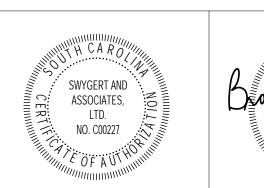
FINISH DETAIL CHEDULE, I

DEMOLITION NOTES

REMOVE EXISTING CEILING DIFFUSER AND RUNOUT DUCT TO TRUNK LINE. PATCH EXISTING TRUNK DUCT WITH SHEET METAL AND SEAL WITH MASTIC. PATCH INSULATION WITH DUCT WRAP PER SPECIFICATIONS.









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PLANS MI.01

5th FLOOR - DEMOLITION PLAN

1/8" = 1'-0"

3 | |

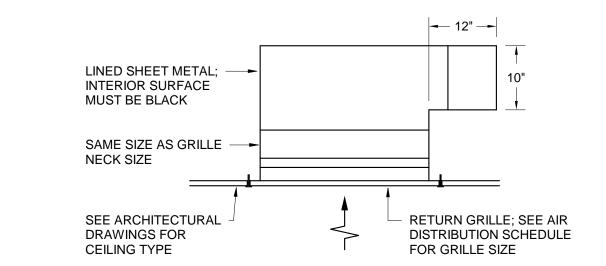
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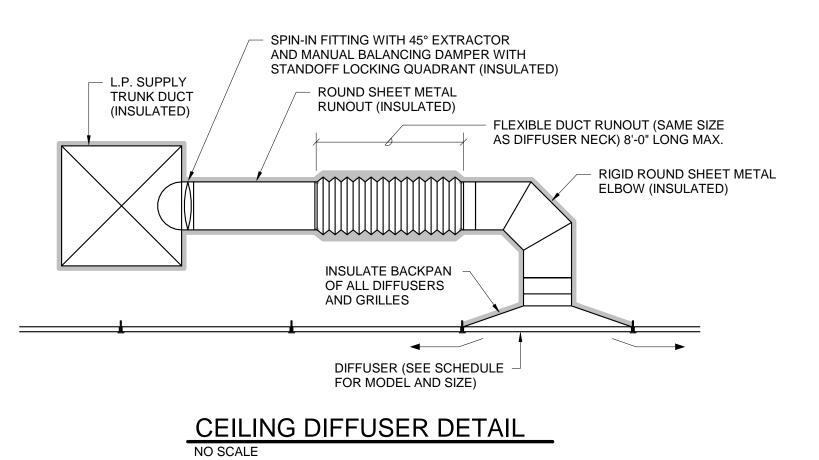
	AIR DISTRIBUTION SCHEDULE								
TAG	DESCRIPTION	MANUFACTURER	MODEL	FRAME	CFM	NECK SIZE	FACE SIZE	MAX NC	REMARKS
A	UNI-FLOW SUPPLY	PRICE	ASPD	LAY-IN	0-125	6"ø	24"x24"	30	1, 2
B	UNI-FLOW SUPPLY	PRICE	ASPD	LAY-IN	126-250	8"ø	24"x24"	30	1, 2
0	UNI-FLOW SUPPLY	PRICE	ASPD	LAY-IN	251-350	10"ø	24"x24"	30	1, 2
0	UNI-FLOW SUPPLY	PRICE	ASPD	LAY-IN	351-500	12"ø	24"x24"	30	1, 2
E	PERFORATED RETURN	PRICE	APDDR	LAY-IN	0-1,000	22"x22"	24"x24"	30	1, 2

PROVIDE WITH STANDARD WHITE FINISH. PROVIDE ALUMINUM OR ALUMINIZED STEEL CONSTRUCTION.

	LEGEND
SYMBOL	DESCRIPTION
(A) 100	TYPE "A" DIFFUSER, 100 CFM
T	THERMOSTAT
\boxtimes	RECTANGULAR SUPPLY DUCTWORK
	RETURN AND FRESH AIR DUCTWORK
48x24	48"x24" RECTANGULAR DUCT
•	CONNECTION POINT OF NEW TO EXISTING



PLENUM RETURN GRILLE DETAIL

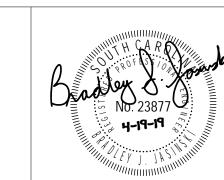




- ALL WORK SHALL BE IN ACCORDANCE WITH THE 2015 INTERNATIONAL MECHANICAL CODE, 2015 INTERNATIONAL FUEL GAS CODE, 2009 INTERNATIONAL ENERGY CONSERVATION CODE, AND 2005 SMACNA HVAC DUCT CONSTRUCTION STANDARD. ALL LOCAL CODES OR REQUIREMENTS STILL APPLY.
- 2. VISIT SITE PRIOR TO BIDDING. THIS CONTRACTOR SHALL DETERMINE DIFFICULTY OF INSTALLATION AND REFLECT THIS IN HIS BIDDING.
- B. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS AND REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF DOORS, WINDOWS, AIR DISTRIBUTION, ETC.
- 4. DO NOT SCALE DRAWINGS. THIS CONTRACTOR SHALL VERIFY ALL EXISTING ITEMS AND LOCATIONS IN THE FIELD.
- ALL DUCTWORK LOCATIONS SHALL BE COORDINATED WITH WORK UNDER OTHER DIVISIONS
- OF THE SPECIFICATIONS TO AVOID INTERFERENCE. EXISTING PIPE, DUCTWORK, CONDUIT, ETC. THAT INTERFERES WITH THE ROUTING OF NEW
- SYSTEMS SHALL BE RELOCATED. THIS CONTRACTOR SHALL INCLUDE THE COST OF SUCH IN HIS BID UNLESS NOTED OTHERWISE.
- ALL DUCTWORK INSULATION SHALL BE RUN CONTINUOUSLY THROUGH FLOORS, ROOFS AND
- TURNING VANES SHALL BE PROVIDED AT ALL DUCTWORK ELBOWS AND CHANGES OF DIRECTION TO PROVIDE EVEN FLOW THROUGH DUCT SYSTEM.
- 9. SPACE ABOVE CEILING TO BE USED AS RETURN AIR PLENUM WHERE DUCT IS NOT INDICATED ABOVE RETURN AIR GRILLES.
- 10. ALL OPEN END DUCTS SHALL HAVE 1/4-INCH MESH GALVANIZED SCREEN IN REMOVABLE
- 11. WHERE 2'X2' LAY IN GRILLES ARE SPECIFIED IN HARD CEILINGS, A PLASTER FRAME SHALL BE PROVIDED SO THE GRILLE CAN LAY IN THE CEILING.
- 12. THIS CONTRACTOR SHALL PROVIDE ALL ITEMS OF MISCELLANEOUS STEEL AS REQUIRED FOR INSTALLATION OF ALL MECHANICAL ITEMS.
- 13. REMOVAL AND REPLACEMENT OF CEILING, AS REQUIRED FOR INSTALLATION OF NEW WORK, SHALL BE DONE BY GENERAL CONTRACTOR.
- 14. THIS CONTRACTOR SHALL DO ALL CONTROL WIRING.
- 15. LOCATE ALL SPACE CONTROL INSTRUMENTS 4'-0" ABOVE FINISHED FLOOR.
- 16. CAP PNEUMATIC LINES AS REQUIRED DURING DEMOLITION TO MAINTAIN OPERABLE SYSTEM. 17. CORRECT SETTINGS ON ALL BALANCING FITTINGS SHALL BE PERMANENTLY MARKED.
- PROVIDE ORANGE FLAGGING RIBBON ON EACH DAMPER HANDLE FOR EASY IDENTIFICATION. 18. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NECESSARY DISMANTLING OF
- EQUIPMENT TO BE REMOVED.
- 19. ITEMS REMOVED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF PROPERLY.
- 20. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING HVAC SYSTEMS FROM CONSTRUCTION DEBRIS, DUST AND DIRT FOR THE ENTIRE CONSTRUCTION DURATION. DUCT CLEANING AND UNIT/COIL CLEANING SHALL BE PERFORMED AS REQUIRED. PROTECTION SHALL INCLUDE FILTER MEDIA OVER ALL RETURN GRILLES AND RETURN DUCT OPENINGS TO PROTECT DUCTS AND EQUIPMENT.

SPECIFICATIONS

- 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2015 INTERNATIONAL MECHANICAL CODE, 2009 INTERNATIONAL ENERGY CONSERVATION CODE, AND 2005 SMACNA HVAC DUCT CONSTRUCTION STANDARD. ALL LOCAL CODES OR REQUIREMENTS STILL APPLY.
- ALL RECTANGULAR DUCT SHALL BE TYPE G-60 GALVANIZED SHEET METAL, SEALED WITH LOW PRESSURE DUCT MASTIC. ROUND DUCTS SHALL BE GALVANIZED SHEET METAL SEALED WITH LOW PRESSURE DUCT MASTIC. LOCKING QUADRANT BALANCING DAMPERS SHALL BE INSTALLED IN EACH BRANCH TAKEOFF AT THE MAIN TRUNK DUCT. FLEXIBLE DUCT SHALL NOT EXCEED 5' IN LENGTH AND SHALL BE EQUAL TO FLEXMASTER TYPE 1M.
- SUPPLY AND RETURN DUCTS SHALL BE INSULATED WITH 2" THICK, 3/4# DENSITY DUCT WRAP. DUCT WRAP SHALL BE SEALED WITH FIBERGLASS REINFORCING MESH, STAPLES AND MASTIC
- CONTROL WIRING SHALL BE RUN IN EMT CONDUIT IN WALLS AND SHALL BE COLOR CODED 18 GAUGE SOLID WIRE, IN A PROTECTIVE COVER.
- SUBMIT ALL EQUIPMENT AND PRODUCTS PROPOSED TO BE USED FOR THIS PROJECT PRIOR TO ORDERING. SUBMIT SIX COPIES OF DATA SHEETS TO THE ENGINEER, BOUND IN A SINGLE VOLUME FOR APPROVAL.
- SUBMIT A CERTIFIED ABB OR NEBB TEST AND BALANCE REPORT AT PROJECT COMPLETION PRIOR TO FINAL ACCEPTANCE. BALANCE FAN AIR VOLUMES TO WITHIN 5% OF DESIGN AND
- DIFFUSER AIR VOLUMES TO WITHIN 10% OF DESIGN. ALL EQUIPMENT, PRODUCTS AND WORK SHALL BE GUARANTEED TO BE FREE OF DEFECTS IN MANUFACTURE AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION. ALL REPAIRS WILL BE MADE AT NO COST TO THE OWNER.



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GENERAL "ELECTRICAL" NOTES

- BRANCH CIRCUIT WIRING SHALL BE NO. 12 AWG UNLESS NOTED OTHERWISE. WHERE CONDUCTOR AND RACEWAY SIZE ARE SHOWN AT HOMERUN, SUCH SIZE SHALL BE USED FOR THE ENTIRE CIRCUIT. EXCEPTION: FINAL CONNECTION TO DEVICES, IN OUTLET BOXES, IS NOT REQUIRED TO BE LARGER THAN NO.
- 2 20A/120V BRANCH CIRCUITS EXCEEDING 100' IN LENGTH FROM PANEL TO FARTHEST DEVICE OR FIXTURE SHALL USE NO. 10 CONDUCTORS AND 3/4"C.
- 3 PRIOR TO ROUGH-IN, COORDINATE THE LOCATION AND MOUNTING HEIGHT OF ALL WALL AND CEILING MOUNTED DEVICES WITH THE ARCHITECTURAL ELEVATIONS, MILLWORK SHOP DRAWINGS, AND EXISTING CONDITIONS. IN THE EVENT OF A CONFLICT, NOTIFY THE ARCHITECT. MINOR ADJUSTMENTS IN DEVICE LOCATION, I.E. 5'-0" IN ANY DIRECTION SHALL BE DONE AT NO ADDITIONAL COST TO THE OWNER.
- 4 COORDINATE THE LOCATION OF ALL FLOOR-MOUNTED OUTLETS WITH THE ARCHITECT PRIOR TO ROUGH-IN. 5 OUTLET BOXES FOR SWITCHES, RECEPTACLES, ETC MOUNTED ON OPPOSITE SIDES OF FIRE RATED PARTITIONS
- OPPOSITE SIDES OF WALL STUDS OR OTHER VERTICAL STRUCTURAL MEMBER IN THE WALL. 6 RACEWAYS SHALL BE INSTALLED CONCEALED IN NEW WALL CONSTRUCTION ABOVE CEILINGS, BELOW FLOOR, AND IN OTHER CAVITIES TO THE GREATEST EXTENT POSSIBLE. WHERE EXPOSED RACEWAYS MUST BE USED, LAYOUT RACEWAYS TO MINIMIZE THE NUMBER OF VERTICAL RUNS.

SHALL NOT BE MOUNTED IN THE SAME WALL CAVITY. SEPARATE WALL PENETRATIONS BY MOUNTING ON

- 7 FEEDER CONDUITS AND BRANCH CIRCUITS ROUTING SHALL COMPLY WITH DETAILS ON DRAWINGS AND SHALL BE COORDINATED WITH THE WORK OF OTHER TRADES BEFORE AND DURING CONSTRUCTION.
- 8 WHERE LIGHT SWITCH AND ABOVE COUNTER RECEPTACLES ARE INDICATED TO BE MOUNTED ADJACENT TO
- EACH OTHER, THE DEVICES SHALL BE MOUNTED AT THE SAME HEIGHT UNDER A COMMON DEVICE PLATE. 9 THE ARRANGEMENT, GROUPING, AND ROUTING OF BRANCH CIRCUITS SHALL BE PROVIDED AT THE CONTRACTOR'S DISCRETION IN ACCORDANCE WITH GENERALLY ACCEPTED PRACTICE FOR ELECTRICAL WORK,
- THE NATIONAL ELECTRICAL CODE REQUIREMENTS, LOCAL ORDINANCES, AND THE FOLLOWING: 10.1 A COMMON NEUTRAL SHALL NOT BE INSTALLED IN A HOMERUN FOR 2 OR 3 BRANCH CIRCUITS UNLESS DIRECTION IS PROVIDED BY THE ENGINEER IN WRITTING FOR A SPECIFIC APPLICATION.
- 10.2 MULTIPLE SINGLE—POLE BRANCH CIRCUITS (UP TO 3 HOTS, 3 NEUTRALS, 1 GROUND) RATED FOR 30—AMPS OR LESS MAY BE PULLED INTO A SINGLE RACEWAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SIZING THE RACEWAYS AND DERATING CONDUCTORS PER NEC ARTICLE 310.15.
- 10.3 BRANCH CIRCUIT, FEEDER & COMMUNICATION CIRCUITS SHALL BE ROUTED OVERHEAD UNLESS PRIOR APPROVAL HAS BEEN GRANTED BY THE ARCHITECT AND ENGINEER.
- 10.4 A GROUND CONDUCTOR SHALL BE PROVIDED IN ALL RACEWAYS UNLESS NOTED OTHERWISE.
- 11 THE USE OF MC CABLE IS NOT ALLOWED. 12 SEAL ALL EXISTING AND NEW FIRE RATED WALL AND FLOOR PENETRATIONS IN THE CONSTRUCTION AREA
- 13 SEE THE ARCHITECTURAL DRAWINGS FOR ALL LOCATIONS OF FIRE RATED WALLS.
- 14 WHEREVER ON THE ELECTRICAL DRAWINGS THE WORD "PROVIDE" IS USED, IT SHALL BE INFERRED TO MEAN "FURNISH AND INSTALL".

GENERAL EXISTING CONDITION NOTES

- AREAS OF WORK EXIST FOR THIS PROJECT WHICH ARE NOT ACCESSIBLE OR HAVE LIMITED ACCESS DURING DESIGN. AS SUCH CONTRACTOR SHALL VERIFY ALL UTILITIES IN AREA OF WORK BEFORE DEMOLITION OF ANY SERVICE. ANY ELECTRICAL COMPONENTS NOT SHOWN SHALL BE IDENTIFIED AND THE ARCHITECT AND ENGINEER SHALL BE NOTIFIED AS SOON AS POSSIBLE. NO ELECTRICAL REWORK SHALL BE COMMENCED WITHOUT COORDINATION OF BOTH ARCHITECT AND ENGINEER.
- 2 IN AREAS WHERE THE EXISTING CEILINGS ARE NOT SLATED TO BE REMOVED, THE CONTRACTOR SHALL WORK THRU THE EXISTING CEILINGS (SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR AREA OF WORK). THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY DAMAGED TILE OR GRID THAT IS A RESULT OF
- 4 THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A FIRESTOP SYSTEM IN ALL PENETRATIONS OF FIRE—RATED WALLS CREATED BY THE REMOVAL OF EXISTING ELECTRICAL CONDUIT OR CABLES, AS WELL AS THOSE CREATED BY NEWLY INSTALLED CONDUITS AND SLEEVES.
- 6 SUPPORT ALL EXISTING CONDUITS AND JUNCTION BOXES ABOVE THE CEILING PER NEC IN THE
- CONSTRUCTION AREA. 7 REMOVE ALL ABANDONED CONDUIT, WIRE, AND COMMUNICATION CABLES ABOVE THE CEILING IN THE
- 8 PROVIDE JUNCTION BOX COVER PLATES ON ALL EXISTING JUNCTION BOXES ABOVE THE CEILING IN THE
- CONSTRUCTION AREA. 9 SUPPORT ALL EXISTING COMMUNICATION CABLES ABOVE THE CEILING IN THE CONSTRUCTION AREA
- 10 WHERE INFORMATION SHOWN ON THESE DRAWINGS CONFLICTS WITH VERIFIED FIELD CONDITIONS, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER

GENERAL "LIGHTING" NOTES

- 1 SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR THE EXACT LOCATION OF ALL CEILING MOUNTED LIGHTING
- 2 EXACT LOCATIONS OF LIGHTING FIXTURES IN MECHANICAL SPACES SHALL BE DETERMINED IN THE FIELD. DO NOT SUPPORT FIXTURES FROM DUCT OR PIPING. PROVIDE CHAIN OR TRAPEZE—TYPE HANGERS WHERE FIXTURES CAN NOT BE MOUNTED DIRECTLY TO CEILING.
- 3 LIGHTING FIXTURE CATALOG NUMBERS ARE INDICATIVE OF THE STYLE OF FIXTURE REQUIRED. CONTRACTOR SHALL PROVIDE FIXTURES WITH THE PROPER TRIM, VOLTAGE AND OPTIONS NECESSARY FOR INSTALLATION.
- 4 DOUBLE-FACED EXIT FIXTURES SHALL BE OF THE SAME MANUFACTURER & SERIES AS THE SINGLE TYPE
- 5 ALL EXIT SIGNS SHALL BE CONNECTED TO LOCAL LIFE SAFETY LIGHTING CIRCUIT AHEAD OF ALL SWITCHING.
- 6 REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING DETAILS OF LIGHT FIXTURE TO ACOUSTICAL CEILING SYSTEM AND STRUCTURE.

GENERAL "SIGNAL" NOTES

- EXTEND A 1" CONDUIT WITH PULL WIRE FROM EACH COMMUNICATIONS OUTLET TO THE COMMUNICATION BACKBOARD) (ABOVE THE LAY IN CEILING IN THE CORRIDOR). TURN CONDUIT 12" INTO CEILING CAVITY A MINIMUM OF 6" ABOVE THE CEILING AND TERMINATE WITH AN INSULATED PROTECTIVE BUSHING.
- COMMUNICATION OUTLET BOX SHALL BE 4" SQUARE WITH SINGLE GANG RING. THESE DOCUMENTS MAY NOT INCLUDE ENTIRE ELECTRICAL INFRASTRUCTURE REQUIRED TO SUPPORT THE BUILDING AUTOMATION SYSTEM. COORDINATE WITH BAS PROVIDER ON ALL NECESSARY INFRASTRUCTURE FOR A COMPLETE AND WORKING SYSTEM.
- 3 ALL COMMUNICATIONS OUTLET BOXES SHALL BE 2-1/2" DEEP.
- 4 REMOVE ALL EXPOSED ABANDONED COMMUNICATION CABLE FOUND DURING THE CONSTRUCTION PROCESS. SUPPORT ALL EXISTING REMAINING CABLE PER THE NEC. 5 CABLE SHALL BE CONCEALED IN ALL FINISHED AREAS AND ROUTED PARALLEL OR PERPENDICULAR TO THE
- BUILDING STRUCTURE. 6 ALL FIRE ALARM CABLE SHALL BE INSTALLED IN METALLIC CONDUIT. COORDINATES WITH FIRE ALARM SYSTEM MANUFACTURER FOR CABLE ROUTING AND QUANTITIES.
- 7 SUPPORT CABLES WITH J-HOOKS AND D-RINGS. J-HOOKS SHALL BE PROVIDED AT INTERVALS LESS THAN 5 FEET. PROVIDE METAL SLEEVES FOR ALL WALL PENETRATIONS. DO NOT SUPPORT CABLES FROM STRUCTURE. SEAL ALL FIRE RATED WALL PENETRATIONS, SEE ARCHITECTURAL SPECIFICATIONS AND DRAWINGS FOR
- LOCATIONS AND REQUIREMENTS. 8 ALL COMMUNICATION CABLING SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE AND EIA/TIA STANDARDS.

GENERAL "DEMOLITION" NOTES

- ALL ELECTRICAL EQUIPMENT TO BE REMOVED SHALL REMAIN THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL NOT DISPOSE OF ANY MATERIALS UNTIL RELEASED BY OWNER'S PROJECT MANAGER. MATERIALS THAT OWNER'S PROJECT MANAGER CHOOSES TO RETAIN SHALL BE DELIVERED BY THE CONTRACTOR TO A LOCATION DESIGNATED BY THE PROJECT MANAGER. ALL OTHER MATERIALS SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
- ELECTRICAL DEVICES NOT SHOWN ON WALLS TO BE DEMOLISHED SHALL BE DEMOLISHED AT NO ADDITIONAL COST TO OWNER.
- 3 ELECTRICAL DEVICES NOT SHOWN ON CEILINGS OR WALLS TO REMAIN SHALL REMAIN IN PLACE. PROTECT FROM DAMAGE DURING CONSTRUCTION
- 4 ELECTRICAL DEVICES NOT SHOWN ON CEILINGS TO BE REMOVED SHALL BE TEMPORARILY DISCONNECTED AND REMOVED DURING DEMOLITION AND RE-INSTALLED ON NEW CEILING IN SAME LOCATION.

GENERAL "POWER" NOTES

- 1 ALL BRANCH CIRCUITS INDICATED ON THESE PLANS TO BE LARGER THAN NO. 12 AWG SHALL BE SIZED AS INDICATED FOR THE ENTIRE LENGTH OF THE CIRCUIT.
- 2 PROVIDE NEMA CONFIGURATION RECEPTACLES TO MATCH PLUGS ON EQUIPMENT FURNISHED.
- 4 PROVIDE LABEL ON INSIDE FACE OF COVER PLATE OF ALL RECEPTACLES, SWITCHES & WALL MOUNTED DEVICES INDICATING PANEL AND BRANCH CIRCUIT TO WHICH EACH DEVICE IS CONNECTED.
- 3 WHERE SPEED CONTROLLER IS INDICATED TO BE PROVIDED WITH FANS, IT SHALL BE PROVIDED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.

				LIGHT FIXTURE SCH	EDULE					
		FIXTURE	SPECIFICATIONS		l	_AMPING	ELECT	RICAL		
		FIXTURE					FIXT.			
SYMBOL	TYPE	DESCRIPTION	MANUFACTURER	CAT. #	NO.	LAMP TYPE	LOAD	VOLTS	MOUNTING REMARKS	NOTES
•	А	2X4 LED FLAT PANEL	COLUMBIA LIGHTING	CFP24-5535	_	LED, 835, 5447LM	49	120V	RECESS MTD IN GRID	1,2,3,4
			HE WILLIAMS	LP-24-L50/835-DIM-UNV		LED, 835, 5000LM	48			
			COLUMBIA LIGHTING	CFP24-5535-PLD10M		LED, 835, 5447LM	49			
	AE	2X4 LED FLAT PANEL WITH GTD	HE WILLIAMS	LP-24-L50/835-DIM-UNV	_	LED, 835, 5000LM	48	120V	RECESS MTD IN GRID	1,2,3,4
			CONTECH LIGHTING	R6NC335K12D		LED, 835, 2000LM	20			
\bigcirc	D	DOWNLIGHT	HE WILLIAMS	6DR-TL-L20/835-DIM- UNV-LW-OF-WH-N-F1	_	LED, 835, 2000LM	20	120V	RECESS MTD IN GRID	1,2,3,4
			CONTECH LIGHTING	R6NC335K12D-ER		LED, 835, 2000LM	20			
lacktriangle	DE	DOWNLIGHT WITH GTD	HE WILLIAMS	6DR-TL-L20/835-DIM- UNV-LW-OF-WH-N-F1	_	LED, 835, 2000LM	20	120V	RECESS MTD IN GRID	1,2,3,4
0.0	,	SINCLE /DOUBLE FACE	CONTECH LIGHTING	XREM-P			2			
(3) (6)	X1/X2	SINGLE/DOUBLE-FACE EXIT SIGN	HE WILLIAMS	EXITREMWHTSDTD	_	LED	4	120V	SURFACE MTD	3,4

LIGHT FIXTURE SCHEDULE NOTES

- 1 LUMENS LISTED IN SCHEDULE REPRESENT DELIVERED LUMENS OF FIXTURES.
- 2 THREE DIGIT NUMBERS LISTED IN LAMP COLUMN REPRESENT CRI AND COLOR TEMPERATURE. FIRST DIGIT INDICATES MINIMUM CRI AND LAST TWO DIGITS INDICATE COLOR TEMPERATURE. EXAMPLE: 830 INDICATES MINIMUM CRI OF 80 AND A COLOR TEMPERATURE OF 3000K.
- 3 SEE ARCHITECTURAL RCP AND ELEVATIONS FOR EXACT LOCATION AND MOUNTING HEIGHTS.
- 4 CONFIRM QUANTITIES OF FIXTURES SHOWN IN RCP MATCH QUANTITIES SHOWN ON ELECTRICAL PLANS PRIOR TO BID. IF NO DISCREPANCIES ARE NOTED PRIOR TO BID THE HIGHEST QUANTITY OF EACH FIXTURE TYPE SHOWN SHALL BE PROVIDED.

	LIGHTING C	CONTROL SCHE	ME LEGEN	1D
MARK	MANUAL / WALL STATION(S)	MULTI-LEVEL SWITCHED/ZONED	OCCUPANCY SENSOR	NOTES
1	Yes	No	Yes	1
2	Yes	Yes	Yes	1

LIGHTING CONTROL SCHEME NOTES

1 SET DELAYS FOR ALL OCCUPANCY SENSORS TO 20-MINS.

	0		I Z
	ELECTRICAL SYN	BOL LEG	END
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
P	DUPLEX RECEPTACLE (WALL MOUNTED @ 18"AFF)	F	FIRE ALARM PULL STATION (WALL MOUNTED @ 48" AFF TOP OF BOX)
-	DUPLEX RECEPTACLE (@ 6" ABOVE COUNTER)	A	FIRE ALARM AUDIBLE DEVICE (WALL MOUNTED @ 7'-6" AFF)
	DUPLEX RECEPTACLE (GFI TYPE @ 6" ABOVE COUNTER)	V	FIRE ALARM VISUAL DEVICE (WALL MOUNTED @ 7'-6" AFF)
	DUPLEX RECEPTACLE (CEILING MOUNTED)	A/V L	FIRE ALARM AUDIBLE/VISUAL DEVICE (WALL MOUNTED © 7'-6" AFF)
	DUPLEX RECEPTACLE (FLOOR MOUNTED)	V	FIRE ALARM VISUAL DEVICE (CEILING MOUNTED)
	DUPLEX REC/DATA COMBINATION (FLOOR MOUNTED)	A/V	FIRE ALARM AUDIBLE/VISUAL DEVICE (CEILING MOUNTED
<u> </u>	JUNCTION BOX (WALL MTD)	(S)	SMOKE DETECTOR (CEILING MOUNTED)
$\overline{}$	PHONE OR DATA OUTLET (WALL MOUNTED @ 18"AFF)	H	HEAT DETECTOR (CEILING MOUNTED)
<u></u>	PHONE OR DATA OUTLET (MTD ABOVE COUNTER)		PANELBOARD (SURFACE MOUNTED)
S	LIGHT SWITCH, SINGLE POLE	GTD	GENERATOR TRANSFER DEVICE
S 3	LIGHT SWITCH, 3 WAY TYPE	EVO	EVOLUTION SERIES WALLBOX
S _D	LIGHT SWITCH, DIMMER TYPE	#	KEY NOTE CALLOUT (REFER TO KEY NOTES ON SHEET)
S a	LOWER CASE SUBSCRIPT INDICATES SWITCH-LEG	#	LIGHTING CONTROL CALLOUT (REFER TO SCHEDULE)

DEMOLITION/RENOVATION NOTATION

- IF NO ANNOTATION IS SHOWN ASSUME EXISTING TO REMAIN IN PLACE FOR SOLID LINES AND DEMOLISH FOR DASHED LINES. DEVICES AND EQUIPMENT NOT SHOWN SHALL BE ASSUMED TO BE EXISTING TO REMAIN IN PLACE.
- E EXISTING FIXTURE OR DEVICE TO REMAIN IN PLACE. REPLACE ANY BROKEN DEVICES OR PLATES; COLOR TO MATCH EXISTING. R EXISTING FIXTURE OR DEVICE TO BE REMOVED BY THE
- ELECTRICAL CONTRACTOR. MAINTAIN CONTINUITY OF REMAINING PORTIONS OF BRANCH CIRCUIT. RE EXISTING DEVICE TO BE REMOVED BY THE ELECTRICAL
- CONTRACTOR. EXISTING CIRCUIT SHALL BE RETAINED. PROVIDE NEW DEVICE AS SHOWN ON RENOVATION PLANS.
- RN RELOCATED DEVICE (NEW LOCATION).
- RR EXISTING FIXTURE TO BE RELOCATED BY THE ELECTRICAL CONTRACTOR TO NEW LOCATION SHOWN ON RENOVATION PLAN.

ABBREVIATIONS

DESCRIPTION (E) EXISTING

BAS BUILDING AUTOMATION SYSTEM

- AFC ABOVE FINISHED CEILING
- AFF ABOVE FINISHED FLOOR AHU AIR HANDLING UNIT
- BFC BELOW FINISHED CEILING
- BOD BOTTOM OF DEVICE
- CBB COMMUNICATIONS BACK BOARD
- cd CANDELA
- CLG CEILING
- ECB ENCLOSED CIRCUIT BREAKER FACP FIRE ALARM CONTROL PANEL
- FCU FAN COIL UNIT
- FDS FUSED DISCONNECT SWITCH
- FSD FIRE/SMOKE DAMPER GBB GROUND BUSS BAR
- GFCI GROUND—FAULT CIRCUIT—INTERRUPTING
- GFI GROUND—FAULT INTERRUPTING
- GP GENERAL PURPOSE J-BOX JUNCTION BOX
- NEC NATIONAL ELECTRIC CODE NFDS NON-FUSED DISCONNECT SWITCH
- OC ON CENTER
- RFAP REMOTE FIRE ALARM ANNUNCIATOR PANEL SD SMOKE DETECTOR
- UNO UNLESS OTHERWISE NOTED
- W/ WITH



= UPPERCASE LETTER / LETTERS INDICATE FIXTURE TYPE = LOWERCASE LETTER INDICATES SWITCH IDENTIFICATION = DESIGNATES PANEL NAME: CIRCUIT NUMBER

ALL "EM" FIXTURES INDICATED IN PLAN CONTAIN CONNECTION TO GENERATOR. CONDUCTOR MUST NOT BE CONTROLLED BY ANY LIGHTING SYSTEM OR HAVE POWER INTERRUPTED AT ANY TIME. WHERE UTILITY POWER SHOULD FAIL, FIXTURES SHALL REMAIN OPERATIONAL FOR A MINIMUM 90 MINUTES

LIGHT CONTROL SCHEME LIGHTING CONTROL SYMBOL CORRELATES WITH DESIRED CONTROL SCHEME AS INDICATED IN THE LIGHTING CONTROL SCHEME SCHEDULE

ISSUE	5TH FLOOR					drawn by:
ROLINA		I	I	I		

SOUTH CAR

1244 1244 1244

US21903

ASSOCIATES, INC.

_____CONTACT: SHAWN GRAVLIN

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ELECTRICAL DRAWING INDEX

EO.1 LEVEL 5 NOTES & LEGENDS EO.2 LEVEL 5 ELECTRICAL PANEL SCHEDULES E1.05 LEVEL 5 LIGHTING PLAN

SHEET NAME

E1.15 LEVEL 5 POWER & SYSTEMS PLAN

9. PROVIDE BOND TO EXPOSED METAL ON ALL MOTORS, PUMPS, AND LIGHTING FIXTURES PER [250.112]. 10. DRIVE A GROUND ROD AT GENERATOR AND BOND TO THE GENERATOR FRAME. REMOVE STRAP (SYSTEM

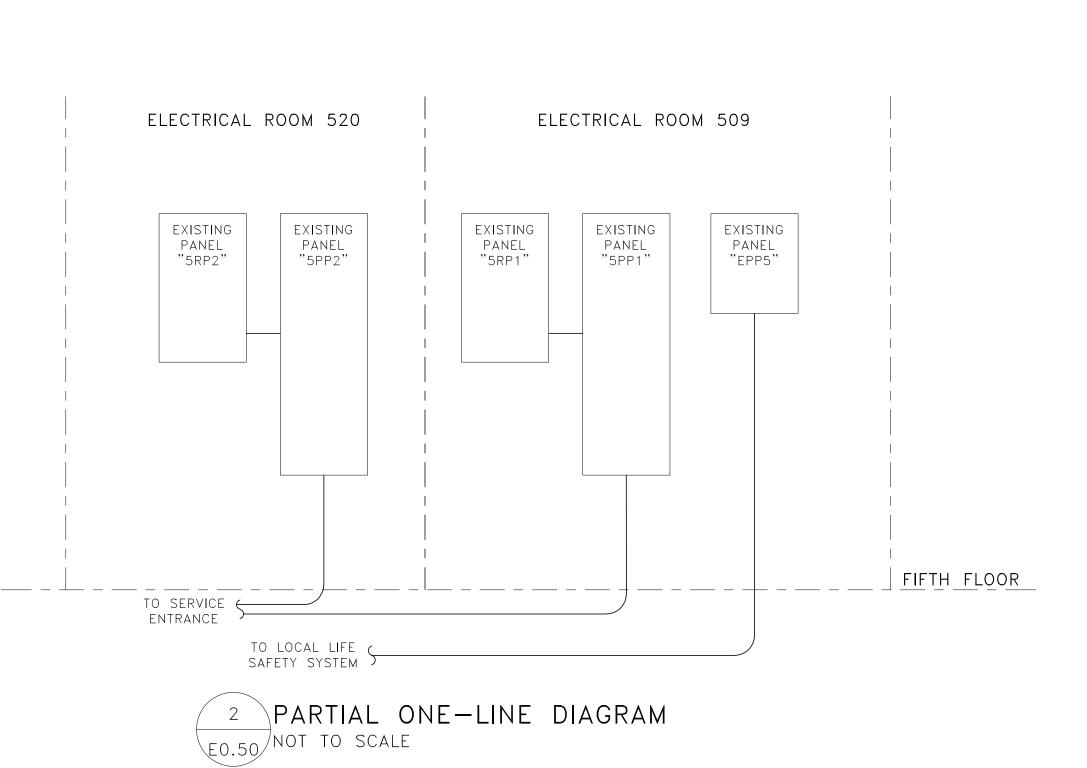
BONDING JUMPER) BETWEEN GENERATOR NEUTRAL BUS AND GENERATOR FRAME. NEUTRAL BUS AND

GROUND	DING LEGEND	
ABBR.	DESCRIPTION	SI7F
ADDK.	DESCRIPTION	SIZE
EGC	EQUIPMENT GROUNDING CONDUCTOR	SIZE PER TABLE 250.122.

CONDUCTORS SHALL BE ISOLATED FROM THE GENERATOR FRAME.



IS INSTALLED.



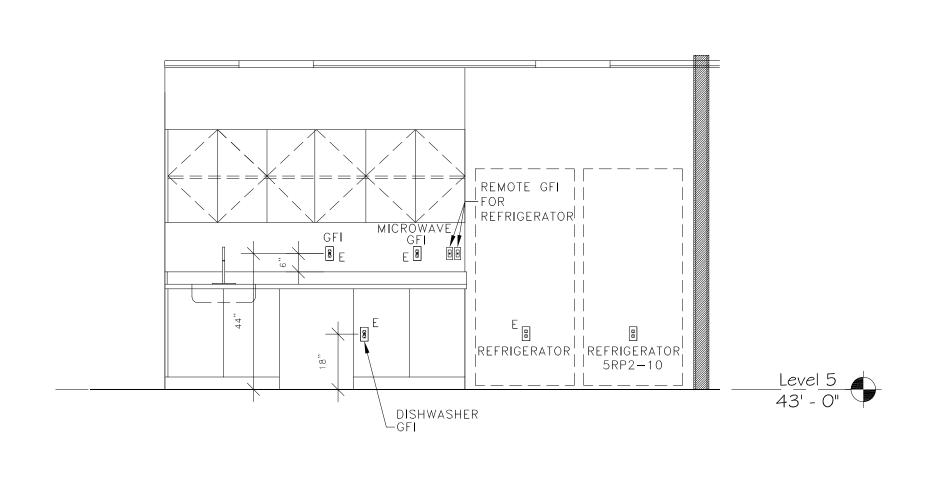
TYPICAL PANEL NEUTRAL GROUND METAL OUTLET BOX —— GREEN HEX HEAD ---GROUNDING SCREW [250.126] BOND BOX USING GROUNDING -SCREW, DO NOT USE SHEET METAL SCREW [250.8] [250.146]

LOADS SERVED	BKR.	LOAD		(S	/ N)		LOAD		
XISTING LOAD	20	KVA –	NO.		<u> </u>	NO. 2	KVA -	AMP –	EXISTING SPACE
XISTING LOAD	20	_	3			4	_	_	EXISTING SPACE
XISTING LOAD XISTING LOAD	20	_	5			6	_		EXISTING SPACE
XISTING LOAD	20	_	7		<u> </u>	8	_	20	EXISTING LOAD
XISTING LOAD	20	_	9		— —	10	_	20	EXISTING LOAD
XISTING LOAD	20	_	11			12	_	20	EXISTING LOAD
XISTING LOAD	20	_	13			14	_	20	EXISTING LOAD
XISTING LOAD	20	_	15		— —	16	_	20	EXISTING LOAD
XISTING LOAD	20	_	17			18	_	20	EXISTING LOAD
		_	19		+	20	_		
XISTING LOAD	20	_	21		— —	22	_	20	EXISTING LOAD
		_	23		 	24	_		
XISTING LOAD	20	_	25		+	26	_	20	EXISTING LOAD
XISTING LOAD	20	_	27	<u> </u>	•	28	_	20	EXISTING LOAD
XISTING LOAD	20	_	29			30	_	20	EXISTING LOAD
XISTING LOAD	20	_	31			32	_	20	EXISTING LOAD
XISTING LOAD	20	_	33	<u> </u>	•	34	_	20	EXISTING LOAD
XISTING LOAD	20	_	35		 • 	36	_	20	EXISTING LOAD
XISTING SPACE	_	_	37		+	38	_		EXISTING SPACE
XISTING SPACE	_	_	39			40	_	_	EXISTING SPACE
XISTING SPACE		_	41		+ • ` `	42	_	_	EXISTING SPACE

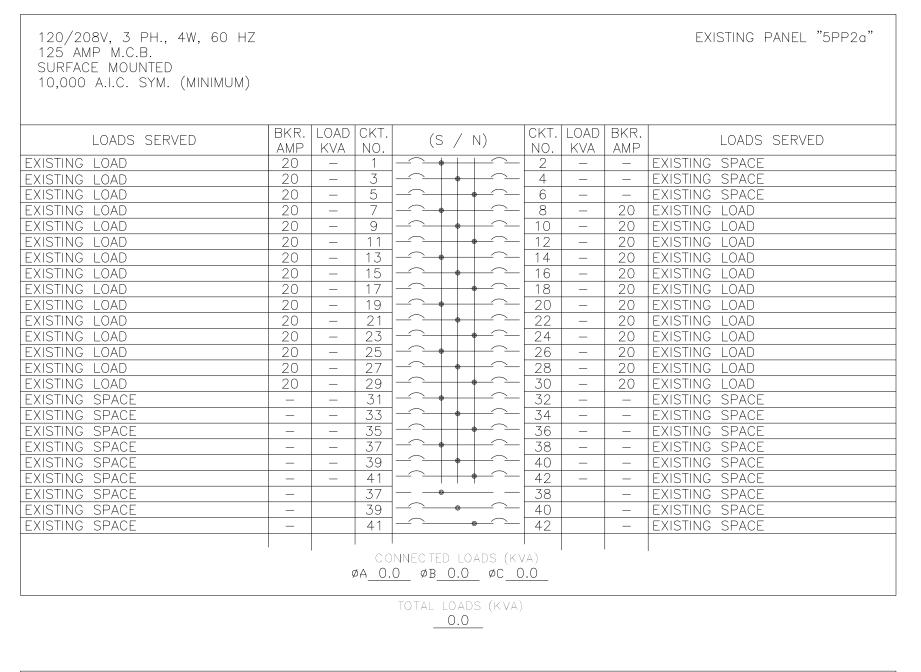
									T	
LOADS SERVED	BKR. AMP	LOAD KVA	CKT. NO.	(S	/	N)	CKT.	LOAD	BKR. AMP	LOADS SERVED
* RECEPT - RM 514	20	0.7	1		_		- 2	0.7	20	* RECEPT - RM 514
* RECEPT - RM 514	20	0.7	3		•		- 4	1.1	20	* RECEPT - 513, 515-5
* RECEPT - RM 513	20	0.7	5		-		- 6	0.7	20	* RECEPT - RM 513
* RECEPT - RM 501, 504-505	20	0.7	7				- 8	0.7	20	* RECEPT - RM 506-507
* RECEPT - RM 501	20	0.6	9		•		- 10	_	20	EXISTING LOAD
EXISTING LOAD	20	_	11		-		- 12	_	20	EXISTING LOAD
EXISTING LOAD	20	_	13				- 14	_	20	EXISTING LOAD
EXISTING LOAD	20	_	15		•		- 16	_	20	EXISTING LOAD
EXISTING LOAD	20	_	17				- 18	_	20	EXISTING LOAD
EXISTING LOAD	20	_	19				- 20	_	20	EXISTING LOAD
EXISTING LOAD	20	_	21		•		- 22	_	20	EXISTING LOAD
EXISTING LOAD	20	_	23		-	—	- 24	_	20	EXISTING LOAD
EXISTING SPARE	20	_	25			+	- 26	_	20	EXISTING SPARE
EXISTING SPARE	20	_	27		•	+	- 28	_	20	EXISTING SPARE
EXISTING SPARE	20	_	29				- 30	_	20	EXISTING SPARE
EXISTING SPARE	20	_	31				- 32	_	20	EXISTING SPARE
EXISTING SPARE	20	_	33		•	$\overline{}$	- 34	_	20	EXISTING SPARE
EXISTING SPARE	20	_	35				- 36	_	20	EXISTING SPARE
EXISTING SPACE	_	_	37				- 38	_	_	EXISTING SPACE
EXISTING SPACE	_	_	39		•	+	40	_	_	EXISTING SPACE
EXISTING SPACE	_	-	41		+-	• ` `	42	_	_	EXISTING SPACE

* CIRCUITS SHOWN ARE DIAGRAMMATIC IN NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING EXISTING DEVICES/LOADS TO REMAIN AND SHALL BE RESPONSIBLE FOR EXTENDING BRANCH CIRCUITS SHOWN IN PLAN TO NEW LOCATION. PROVIDE NEW TYPED PANELBOARD CARD CIRCUIT BREAK-DOWN UPON COMPLETION OF RENOVATION

120/208V, 1 P., 3W, 60 HZ 100 AMP M.B. SURFACE MOUNTED 10,000 A.I.C. SYM. (MINIMUM)										EXI	ISTING PANEL "EPP5"
LOADS SERVED	BKR. AMP	LOAD KVA	CKT.	(S	/	N)	CKT.	LOAD KVA	BKR. AMP		LOADS SERVED
EXISTING LOAD	20		1		-	+	2	_	20	EXISTING	LOAD
EXISTING LOAD	20	_	3			<u> </u>	4	_	20	EXISTING	SPARE
EXISTING SPARE	20	_	5	<u> </u>		—	6	_	20	EXISTING	SPARE
EXISTING SPARE	20	_	7			 	8	_	20	EXISTING	SPARE
EXISTING SPACE	20	_	9		-	 	10	_	20	EXISTING	SPACE
EXISTING SPACE	20	_	11	<u> </u>		•	12	_	20	EXISTING	SPACE
EXISTING SPACE	20	_	13] 		 	14	_	20	EXISTING	SPACE
EXISTING SPACE	20	_	15		-	+	16	_	20	EXISTING	SPACE
EXISTING SPACE	20	_	17			—	18	_	20	EXISTING	SPACE
		ţ			0.0	_ ØC <u>_(</u>)S (KVA)	0.0				







LOADS SERVED	BKR. AMP	LOAD KVA	CKT. NO.	(S	/	N)	CKT.	LOAD KVA	BKR. AMP	LOADS SERVED
* RECEPT - RM 526-532	20	1.3	1		-	+	2	1.3	20	* RECEPT RM 526-532
* RECEPT - RM 523	20	0.7	3	1	•		4	0.7	20	* RECEPT - RM 523
* RECEPT - RM 523	20	0.7	5				6	0.7	20	* RECEPT - RM 523
* RECEPT - RM 523	20	0.7	7	-			8	0.7	20	* RECEPT - RM 523
* RECEPT - RM 534-535	20	0.6	9]	•	 	10	1.2	20	* RECEPT - RM 536 FRIDGE
* RECEPT - RM 536	20	0.7	11				12	1.0	20	* RECEPT - RM 521 COPIER
* RECEPT - RM 521 PRINTER	20	0.8	13	1 —			14	1.0	20	* RECEPT - RM 521 COPIER
* RECEPT - RM 521 PRINTER	20	0.8	15	1	•	 	16	0.7	20	* RECEPT - RM 522
* RECEPT - 522 & ELEV LOBBY	20	0.6	17	1			18	_	20	EXISTING LOAD
EXISTING LOAD	20		19	-			20	_	20	EXISTING LOAD
EXISTING LOAD	20	_	21	1	•	 	22	_	20	EXISTING LOAD
EXISTING LOAD	20	_	23	1			24	_	20	EXISTING LOAD
EXISTING LOAD	20	_	25				26	_	20	EXISTING LOAD
EXISTING LOAD	20	_	27		-		28	_	20	EXISTING SPARE
EXISTING LOAD	20	_	29	1			30	_	20	EXISTING SPARE
EXISTING LOAD	20	_	31			 	32	_	20	EXISTING SPARE
EXISTING LOAD	20	_	33	1	•		34	_	20	EXISTING SPARE
EXISTING SPARE	20	_	35	-		—	36	_	20	EXISTING SPARE
EXISTING SPACE	_	_	37			+	38	_	20	EXISTING LOAD
EXISTING SPACE	_	_	39	1	•		40	_	20	EXISTING LOAD
EXISTING SPACE	_		41	1		—	42	_	_	EXISTING SPACE

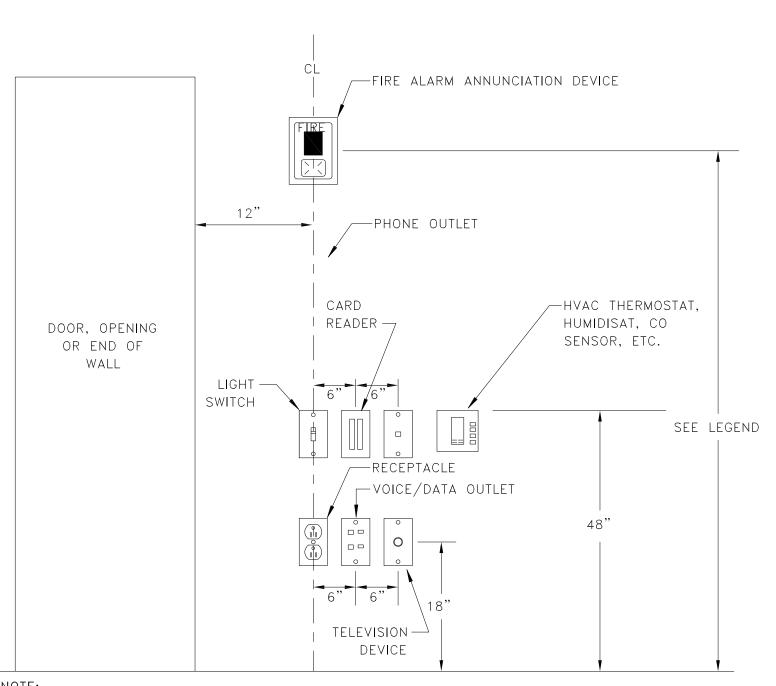
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GENERAL PANEL SCHEDULE NOTES

1 FIELD VERIFY EXISTING LOAD SERVED BY EACH BRANCH AND CLEARLY LABEL IN PANELBOARD SCHEDULES.

CIRCUITS INDICATED TO FEED NEW LIGHTING AND ELECTRICAL DEVICES ARE DIAGRAMMATIC IN NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR MOVING EXISTING BREAKERS WHERE ADDITIONAL SPACE IS NEEDED BUT AVAILABLE.

EXISTING BREAKERS SHOWN IN PANEL SCHEDULES ARE FOR REFERENCE ONLY.



DEVICES SHOWN WITHIN 48" OF EACH OTHER ON ALL ELECTRICAL PLANS SHALL BE ALIGNED PER THIS DETAIL. IF DEVICES ARE SHOWN IN MIDDLE OF WALL, THEN CENTER DEVICES ON

DEVICE ALIGNMENT DETAIL

NOT TO SCALE

GMC

LEVEL 5 ELECTRICAL SCHEDULES

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