

ADDENDUM

To the Construction Documents for the:

Project:	COR P	each Road Center Renovation			
Owner:	Addendum #				
Owner ID N	lo.:	274-PR-PEACH 2023			
DKA Projec	t No.:	2319			
Prepared By	y:	Jennifer Turner	Bid Documents Issue Date:	10.31.2023	02

The date of issuance of this addendum is 12/4/2023. All conditions of the addendum are in effect as of this date. Bidders are hereby informed that the following additions, deletions, changes and/or clarifications supersede and supplement the Contract Documents for the above referenced project.

Each bidder shall be responsible for notifying his subcontractors and/or vendors of the contents of this Addendum. The items included in this Addendum are for all Contractors as the items relate to their respective trades.

From:	Jennifer Turner, MBA, RID
Transmitted to:	All plan Holders
Total Number of Pages:	23

General

- 1. Last Day for Questions/Clarifications/Substitution Requests is Friday, December 1, 2023 at 4 PM. All questions shall be submitted in writing to Jennifer Turner at Davis Kane Architects: <u>jturner@daviskane.com</u>.
- 2. Final Addendum will be sent out on or by Monday, December 4, 2023.
- 3. Bids will be received up until Tuesday, December 12, 2023, at 1:00 PM at City of Raleigh Parks, Recreation and Cultural Resources Department at 222 W. Hargett St. Suite 601, Raleigh, NC 27601. All submittals to be issued:
 - a. Attention: Lauren Reid, Capital Projects Manager, City of Raleigh Parks, Recreation and Cultural Resources Department Park Development and Communications
- 4. Bids will be publicly opened at 1:00pm on Tuesday, December 12, 2023 at City of Raleigh Parks, Recreation and Cultural Resources Department at 222 W. Hargett St. Suite 601, Raleigh, NC 27601

Project Manual

N/A

Drawings

Revision No. 001 City of Raleigh Comment Responses (Entire bid set issued to the City of Raleigh)

Responses to Contractor Questions

- 1. Can you verify if the electrical raceways can be surface mounted to the CMU and if EMT or Wiremold is required?
 - a. The conduit can be surface mounted and wire mold can be used on the existing CMU walls. Note on E100 calls for outlets and conduit to be surface mounted on the existing masonry walls.

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- 2. Reference E6/A401 Is the new glass ¼" clear tempered?
 - a. Correct, clear tempered.
- 3. Reference A700 Glass G2 High Impact Safety Glass...Do they mean ¼" laminated glass?
 - a. The specification section 088000 (Glazing) notes G2 Alternate No. 01 is Impact-resistant ballistic level 2 (clear) and has a thickness of 1.03".
- 4. At the prebid, it was mentioned that the logistics plan indicated some temp fencing around our staging area. Is the dashed line below intended to represent this?
 - a. Correct, the dashed line notes the proposed fencing. It is up to the contractor's discretion to price the amount and type of fencing required to secure project materials and the dumpster.
- 5. I raised the question of the contingency line item on the bid form and understood the response to be that it was to be included in the bid amount, and merely broken out for information purposes on the bid form. The language used in the addendum is a little less definitive.
 - Please separate the contingency amount on the bid form from the base bid as requested on the bid form as noted in specification section 004113-2 Bid Proposal Form "Total Bid Proposal (Base Bid+10% Owner's Contingency)
- 6. Demo plan D100, Demolition Plan Key Note #2 and Plumbing Plan P100, Plumbing Key Notes do not reflect the same thing. Demolition Note states to remove the toilets "carefully" and reinstalled. This is not stated on the Plumbing Key notes. Need clarification for Plumbing proposal.
 - 1) Does this work fall on the GC or Plumbing Contractor?
 - a. This work falls under the General Contractor.
 - 2) If plumbing, a) Do the sinks and urinal in the restrooms need to come off the wall as well?b) What types of toilets are they (wall hung (brand name) or floor mounted?
 - a. The toilets are wall hung, Refer to Revision No. 001 City of Raleigh Comments Sheet, note "6" P1100 note "General contractor to remove existing plumbing fixture for new wall, floor, or casework finishes and reconnect to existing waste, water, and vent piping as required after finishes are completed." This note refers to sinks and toilets.

END OF ADDENDUM

Attachments:

City of Raleigh Response comments and drawing sheets



REVIEW COMMENTS & RESPONSES

Project Name:	Peach Road Renovation BLDNR-054620-2023
Owner:	City of Raleigh
Owner ID No.:	274-PR-PEACH 2023
DKA Project No.:	2319
Project Phase	Permitting
To:	City of Raleigh
ATT:	Glenn Scoggins City of Raleigh
CC:	Atlantec, Davis Kane Architects, City of Raleigh

Please inform the Architect if any statement herein is inconsistent with your own notes or recollections.

CSC Comments:

The non-residential permit application will be sent via emailed to <u>jenna.hurley@raleighnc.gov</u> by Wednesday, December 6th, 2023.

Architectural Comments:

- 1. Question: Occupancy calculations are incorrect any room labeled "multipurpose" must be calculated at 1 per 5 sf and meet the requirements of that load. If you want to continue at 1/15 rename rooms and show seating layout.
 - a. Response: Multipurpose rooms will use tables and chairs as shown as noted in revision no. 001. Each room will install a sign posted with the maximum number of people per room. Refer to sheet G004 for the updated life-safety plan and sheet A700 for the limited occupancy sign.
 - i. Activity Room C Maximum occupancy 27.
 - ii. Activity Room B Maximum occupancy 21.
 - iii. Activity Room B Maximum occupancy 52.

Electrical Comments

- 1. Question: Review comments by other trades and revise the electrical drawings if required.
 - a. Response: We will coordinate with other trades.
- Question: Is the existing 400A MCB in Panel A 100% rated? A 395A demand load is currently shown on it [NEC 210.20 (A)].
 - a. Response: "The total demand load is not continuous" was added to the panel on sheet E200.
- 3. Question: Provide a typed transmittal response letter addressing all comments, identifying how they were addressed, and stating what sheet the corrections are located on. Cloud all revisions on the plans.
 - Response: All comment responses are included in the review comment response letter, referencing updated drawing sheets.

END OF COMMENT RESPONSES

Attachments: Revised drawing set with revisions.

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5 - Fi ALL BUILDII 1 Prc FIR STRUC COLUM BEARIN EXT EXT EXT EXT EXT	NG HEIGHT IN NG HEIGHT IN ovide code refe E PRO BUILDING TURAL FRAM INS, GIRDERS NG WALLS ERIOR NORTI ERIOR EAST ERIOR WEST ERIOR SOUTH ERIOR SOUTH	LE HEI	GHT ALLOW 55'-0" 2 own on F	rinklered ar VABLE Plans" quar EQUI FIRE SEPAR DISTANCE (FEET) - - - >30' >30' >30'	ea val ntity is REQ 0 - 2 2 2 2	not base MEN RATING PROV (w/	5.5.4 ble 506 5.00 19'-0" 1 ed on T 1 ed on T NTS	The maximu 5.2. TN ON PLAN Table 504.3 of (EXISTIN DETAIL # AND SHEET - - EXISTING EXISTING EXISTING EXISTING	NS or 504.4. NG - NO CHA DESIGN # FOR RATEL ASSEMBLY - - - - - - - - - - - - - - - - - - -	CODE REF 504.3 504.4 DESIGN # PENETRA 2 - - - - - - -	FOR DES D FOR JO TION JO - - - - - - -	RATED
5 - Fi ALL BUILDI BUILDI 1 Pro FIR STRUC COLUM BEARIN BEARIN EXT EXT EXT EXT EXT EXT	NG HEIGHT IN NG HEIGHT IN ovide code refe E PRO BUILDING TURAL FRAM INS, GIRDERS NG WALLS ERIOR NORTI ERIOR EAST ERIOR WEST ERIOR SOUTH ERIOR SOUTH	LE HEI	GHT ALLOW 55'-0" 2 own on F	rinklered ar VABLE Plans" quar EQUI FIRE SEPAR DISTANCE (FEET) - - - >30' >30' >30'	ea val	not base MEN RATING PROV (w/	5.5.4 ble 506 5.00 19'-0" 1 ed on T 1 ed on T NTS	The maximu 5.2. TN ON PLAN Table 504.3 of (EXISTIN DETAIL # AND SHEET - - EXISTING EXISTING EXISTING EXISTING	NS or 504.4. NG - NO CHA DESIGN # FOR RATEL ASSEMBLY - - - - - - - - - - - - - - - - - - -	CODE REF 504.3 504.4 DESIGN # PENETRA 2 - - - - - - -	FOR DES D FOR JO TION JO - - - - - - -	RATED
5 - Fi ALL BUILDI BUILDI 1 Pro FIR STRUC COLUN BEARIN EXT EXT EXT EXT EXT EXT EXT EXT	NG HEIGHT IN NG HEIGHT IN ovide code refe E PRO BUILDING TURAL FRAM INS, GIRDERS NG WALLS ERIOR NORTH ERIOR EAST ERIOR WEST ERIOR SOUTH ERIOR SOUTH ERIOR WALL	LE HEI	GHT ALLOW 55'-0" 2 own on F	rinklered ar VABLE Plans" quar EQUI FIRE SEPAR DISTANCE (FEET) - - >30' >30' >30' >30' >30'	ea val	Iue in Ta not base MEN (w/	5.5.4 ble 506 5.00 19'-0" 1 ed on T 1 ed on T NTS	The maximu 5.2. TA ON PLAN Table 504.3 of (EXISTIN DETAIL # AND SHEET - - EXISTING EXISTING EXISTING EXISTING EXISTING EXISTING EXISTING	NS or 504.4. NG - NO CHA DESIGN # FOR RATEL ASSEMBLY - - - - - - - - - - - - -	CODE REF 504.3 504.4 DESIGN # PENETRA 2 - - - - - - -	FOR DES D FOR JO FOR JO - - - - - - - - - - - - - - - - - -	RATED

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□ NOTE ANY CODE EXCEPTION OR TABLE NOTES THAT MAY

ACCESSIBLE DWELLING UNITS (SECTION 1107) N/A

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED
-	-	-	-	-	-	-	-

ACCESSIBLE PARKING (SECTION 1106) (EXISTING - NO CHANGE)

LOT OR AREA	-	L # OF SPACES		TOTAL # OF PARKING SPA	CES	TOTAL ACCESSIBLE
PARKING	REQUIRED	PROVIDED	REGULAR WITH 5'	VAN SPAC	CE WITH	PROVIDED
			ACCESSIBLE ISLE	132" ACCESSIBLE AISLE	8' ACCESSIBLE AISLE	
-	NO MAX	18	-	-	1	2
-	-	-	-	-	-	-
TOTAL	NO MAX	18	-	-	1	2

PLUMING FIXTURE REQUIREMENTS (TABLE 2902.1) (EXISTING - NO CHANGE)

U	SE	WATER	CLOSETS	URINALS	LAVAT	ORIES	SHOWERS /	DRINKING	FOUNTAINS
		MALE	FEMALE		MALE	FEMALE	TUBS	REGULAR	ACCESSIBLE
SPACE	EXISTING	2	4	1	2	2	-	1	1
	NEW	-	-	-	-	-	-	-	-
	REQUIRED	1	1	-	1	1	-	1	1

*PER 2018 NCBC 2902.2.1, SEPARATE FACILITIES ARE NOT REQUIRED FOR DWELLING AND SLEEPING UNITS.

SPECIAL APPROVALS

SPECIAL APPROVAL REQUIRED: ☐ LOCAL JURISDICTION DEPARTMENT OF INSURANCE DPI

*Indicate section number permitting reduction

PERCENT OF WALL OPENING CALCULATIONS (EXISTING NO CHANGE)

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
30 OR GREATER	UNPROTECTED NS	NO LIMIT	2%
-	-	-	-
-	-	-	-

BUILDING ELEMENT	FIRE		RATING	DETAIL #	DESIGN #	DESIGN # FOR	DESIGN #
BUILDING ELEMENT	SEPAR DISTANCE	REQ.	PROVIDED (w/	AND SHEET	FOR RATED	RATED PENETRATION	FOR RATED
STRUCTURAL FRAME (INCLUDING	(FEET)		*Reduction)				
COLUMNS, GIRDERS, TRUSSES)	-	0	0	-	-	-	-
BEARING WALLS	-	-	-	-	-	-	-
EXTERIOR NORTH	>30'	2	2	EXISTING	-	-	-
EXTERIOR EAST	>30'	2	2	EXISTING	-	-	-
EXTERIOR WEST	>30'	2	2	EXISTING	-	-	-
EXTERIOR SOUTH	>30'	2	2	EXISTING	-	-	-
INTERIOR	-	2	2	EXISTING	-	-	-
NONBEARING WALLS AND PARTITIONS	-	0	0	-	-	-	-
EXTERIOR NORTH	>30'	0	0	-	-	-	-
EXTERIOR EAST	>30'	0	0	-	-	-	-
EXTERIOR WEST	>30'	0	0	-	-	-	-
EXTERIOR SOUTH	>30'	0	0	-	-	-	-
INTERIOR WALLS AND PARTITIONS	-	0	0	-	-	-	-
FLOOR CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS)		0	0	-	-	-	-
FLOOR CEILING ASSEMBLY		-	-	-	-	-	-
COLUMNS SUPPORTING FLOORS		-	-	-	-	-	-
ROOF CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS)		0	0	-	-	-	-
ROOF CEILING ASSEMBLY		-	-	-	-	-	-
COLUMNS SUPPORTING ROOF		-	-	-	-	-	-
SHAFT ENCLOSURES - EXIT		-	-	-	-	-	-
SHAFT ENCLOSURES - OTHER		-	-	-	-	-	-
CORRIDOR SEPARATION		-	-	-	-	-	-
OCCUPANCY / FIRE BARRIER SEPARATIO	N	-	-	-	-	-	-
PARTY / FIRE WALL SEPARATION		-	-	-	-	-	-
SMOKE BARRIER SEPARATION		-	-	-	-	-	-
SMOKE PARTITION		-	-	-	-	-	-
TENANT / DWELLING UNIT / SLEEPING UNIT / SLEEP	NIT	-	-	-	-	- -	-
INCIDENTAL USE SEPARATION		-	-	-	-	-	-

LIFE SAFETY SYSTEM REQUIREMENTS

EMERGENCY LIGHTING:	🗌 NO	🛛 YES
EXIT SIGNS:	🗌 NO	🛛 YES
FIRE ALARM:	🗌 NO	🛛 YES
SMOKE DETECTION SYSTEMS:	🗌 NO	🛛 YES
CARBON MONOXIDE DETECTION:	🛛 NO	Sec. 10

LIFE SAFETY PLAN REQUIREMENTS

LIFE SAFETY PLAN SHEET: ______G004 - LIFE SAFETY PLAN

- FIRE AND / OR SMOKE RATED WALL LOCATIONS (CHAPTER 7)
- ASSUMED AND REAL PROPERTY LINE LOCATIONS (IF NOT ON THE SITE PLAN)
- ☑ EXTERIOR WALL OPENING AREA WITH RESPECT TO DISTANCE TO ASSUMED PROPERTY LINES (705.8) OCCUPANCY USE FOR EACH AREA AS IT RELATES TO OCCUPANT LOAD CALCULATION (TABLE 1004.1.2)
- OCCUPANT LOADS FOR EACH AREA
- ☑ EXIT ACCESS TRAVEL DISTANCES (1017)
- COMMON PATH OF TRAVEL DISTANCES (1006.2.1 & 1006.3.2(1))
 - GTHS (1020.4) NA
 - OTHS FOR EACH EXIT DOOR
 - ULATED OCCUPANT LOAD CAPACITY EACH EXIT COMODATE BASED ON EGRESS WIDTH (1005.3)
 - ANT LOAD FOR EACH EXIT DOOR
 - CHEMATIC PLAN INDICATING WHERE FIRE RATED FLOOR / CEILING AND / OR JRE IS PROVIDED FOR PURPOSES OF OCCUPANCY SEPARATION
 - OORS WITH PANIC HARDWARE (1010.1.10)
 - OORS WITH DELAYED EGRESS LOCKS AND THE AMOUNT OF DELAY (1010.1.9.7)
 - OORS WITH ELECTROMAGNETIC EGRESS LOCKS (1010.1.9.9)
 - DOORS EQUIPPED WITH HOLD-OPEN DEVICES
 - MERGENCY ESCAPE WINDOWS (1030)
 - OOTAGE OF EACH FIRE AREA (202)
 - FOOTAGE OF EACH SMOKE COMPARTMENT FOR OCCUPANCY CLASSIFICATION I-2 (407.4)
- HAVE BEEN UTILIZED REGARDING THE ITEMS ABOVE.

YES

- DHHS

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G002

	APPENDIX B 2018 BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
=	(EXCEPT 1 AND 2 FAMILY DWELLINGS AND TOWNHOUSES) ENERGY SUMMARY EXISTING NO CHANGE
	ENERGY REQUIREMENTS: THE FOLLOWING DATA SHALL BE CONSIDERED MINIMUM AND ANY SPECIAL ATTRIBUTE REQUIRED TO MEET THE ENERGY CODE SHALL ALSO BE PROVIDED. EACH DESIGNER SHALL FURNISH THE REQUIRED PORTIONS OF THE PROJECT INFORMATION FOR THE PLAN DATA SHEET. IF PERFORMANCE METHOD, STATE THE ANNUAL ENERGY COST FOR THE STANDARD REFERENCE DESIGN VS ANNUAL ENERGY COST FOR THE PROPOSED DESIGN.
	EXISTING BUILDING ENVELOPE COMPLIES WITH CODE:EXISTING BUILDING CODE 811.1 EXEMPT BUILDING (PROVIDE CODE OR STATUTORY REFERENCE):
	CLIMATE ZONE: 3A 4A 5A METHOD OF COMPLIANCE: Energy Code: Prescriptive Performance ASHRAE 90.1: Prescriptive Performance
	(IF "OTHER", SPECIFY SOURCE HERE)
	THERMAL ENVELOPE (PRESCRIPTIVE METHOD ONLY) Architectural Asphalt Shingles or Standing Seam Metal Roof with Air Gap and Underlayment, over 1/2" glass-mat
	ROOF / CEILING ASSEMBLY (EACH ASSEMBLY) whith All Gap and Ordenayment, over 1/2 glass-mathemathemathemathemathemathemathemathe
	U-VALUE OF TOTAL ASSEMBLY:
	SKYLIGHTS IN EACH ASSEMBLY:
	U-VALUE OF SKYLIGHT: TOTAL SQUARE FOOTAGE OF SKYLIGHTS IN EACH ASSEMBLY:
	EXTERIOR WALLS (EACH ASSEMBLY) . DESCRIPTION OF ASSEMBLY:
	U-VALUE OF TOTAL ASSEMBLY:
	R-VALUE OF INSULATION:
	SOLAR HEAT GAIN COEFEICIENT: PROJECTION FACTOR:
	DOOR R-VALUES:
	DESCRIPTION OF ASSEMBLY:
	U-VALUE OF TOTAL ASSEMBLY:
	FLOORS OVER UNCONDITIONED SPACE (EACH ASSEMBLY) DESCRIPTION OF ASSEMBLY:
	U-VALUE OF TOTAL ASSEMBLY:
	R-VALUE OF INSULATION:
	U-VALUE OF TOTAL ASSEMBLY: R-VALUE OF INSULATION:
	HORIZONTAL / VERTICAL REQUIREMENT: SLAB HEATED:
-	STRUCTURAL DESIGN SUMMARY EXISTING NO CHANGE
	STRUCTURAL DESIGN SUMMARY EXISTING NO CHANGE DESIGN LOADS
	IMPORTANCE FACTORS SNOW (Is):
	SEISMIC (I _E):
	LIVE LOADS ROOF (PSF):
	MEZZANINE (PSF):
	GROUND SNOW LOAD (PSF):
	WIND LOAD BASIC WIND SPEED (MPH) (ASCE-7):
	EXPOSURE CATEGORY:
	SEISMIC DESIGN CATEGORY: PROVIDE THE FOLLOWING SEISMIC DESIGN PARAMETERS RISK CATEGORY (TABLE 1604 5):
	RISK CATEGORY (TABLE 1604.5): I II III III III SPECTRAL RESPONSE ACCELERATION:
	S _{s_} %g S ₁ _%g
	SITE CLASSIFICATION (ASCE 7): A B C D E F
	DATA SOURCE: Field Test Presumptive Historical Data BASIC STRUCTURAL SYSTEM: Bearing Wall Dual w/ Special Moment Frame
	 Building Frame Dual w/ Intermediate R/C or Special Steel Moment Frame Inverted Pendulum
	ANALYSIS PROCEDURE: Simplified Equivalent Lateral Force Dynamic
	ARCHITECTURAL, MECHANICAL, COMPONENTS ANCHORED?
	SOIL BEARING CAPACITIES (PSF):
	Field Test (psf)
	Pile Size, Type and Capacity
-	

2

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6

ECHANICAL SYSTEMS, SERVICE	SYSTEMS AND EQUIPMENT	
THERMAL ZONE 3A		
WINTER DRY BULB:		
SUMMER DRY BULB:		
INTERIOR DESIGN CONDITION	ONS	
WINTER DRY BULB:		
SUMMER DRY BULB:		
RELATIVE HUMIDITY:		
BUILDING HEATING LOAD: _		
BUILDING COOLING LOAD:		
MECHANICAL SPACING CON	DITIONING SYSTEM	
UNITARY		
DESCRIPTION OF U	NIT:	
HEATING EFFICIEN	CY:	
COOLING EFFICIEN	СҮ:	
SIZE CATEGORY OF	- UNIT:	
BOILER		
SIZE CATEGORY. IF	OVERSIZED, STATE REASON:	
CHILLER		
SIZE CATEGORY. IF	OVERSIZED, STATE REASON:	
LIST EQUIPMENT EFFICIENC	IES:	
LECTRICAL DES		
METHOD OF COMPLIANCE:	Energy Code: Prescriptive	Performance
	ASHRAE 90.1: Prescriptive	Performance
LAMP TYPE REQUIRED IN		
BALLAST TYPE USED IN T		
NUMBER OF BALLASTS IN		

ADDITIONAL EFFICIENCY PACKAGE OPTIONS (WHEN USING THE 2018 NCECC; NOT REQUIRED FOR ASHRAE 90.1)

C406.2 MORE EFFICIENT HVAC EQUIPMENT PERFORMANCE

C406.3 REDUCED LIGHTING POWER DENSITY

C406.4 ENHANCED DIGITAL LIGHTING CONTROLS

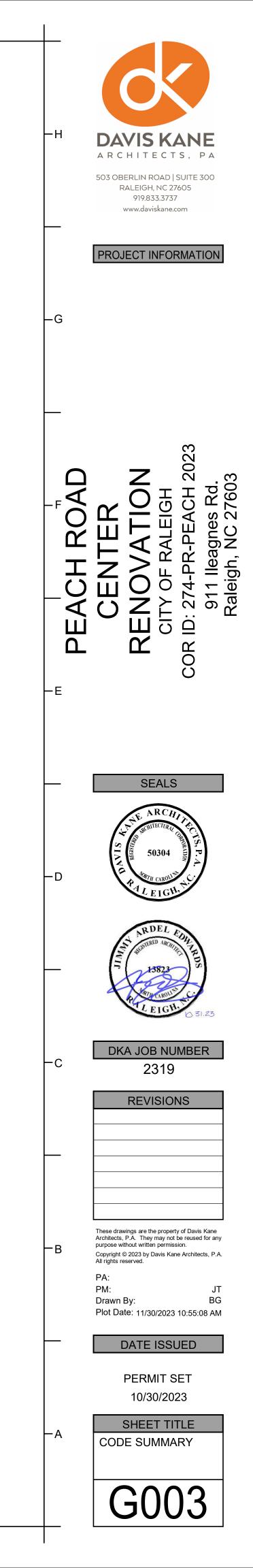
C406.5 ON-SITE RENEWABLE ENERGY

C406.6 DEDICATED OUTDOOR AIR SYSTEM

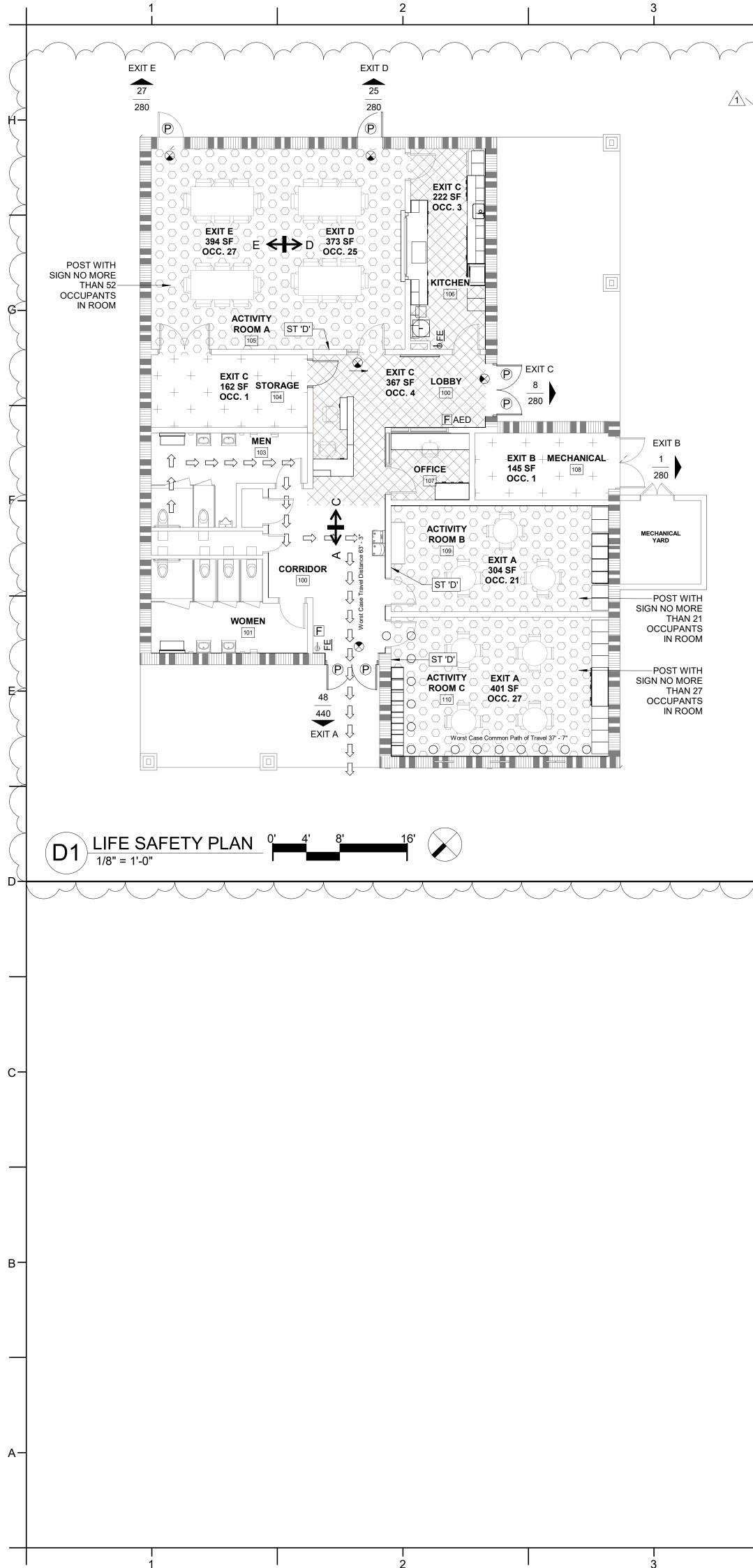
C406.7 REDUCED ENERGY USE IN SERVICE WATER HEATING

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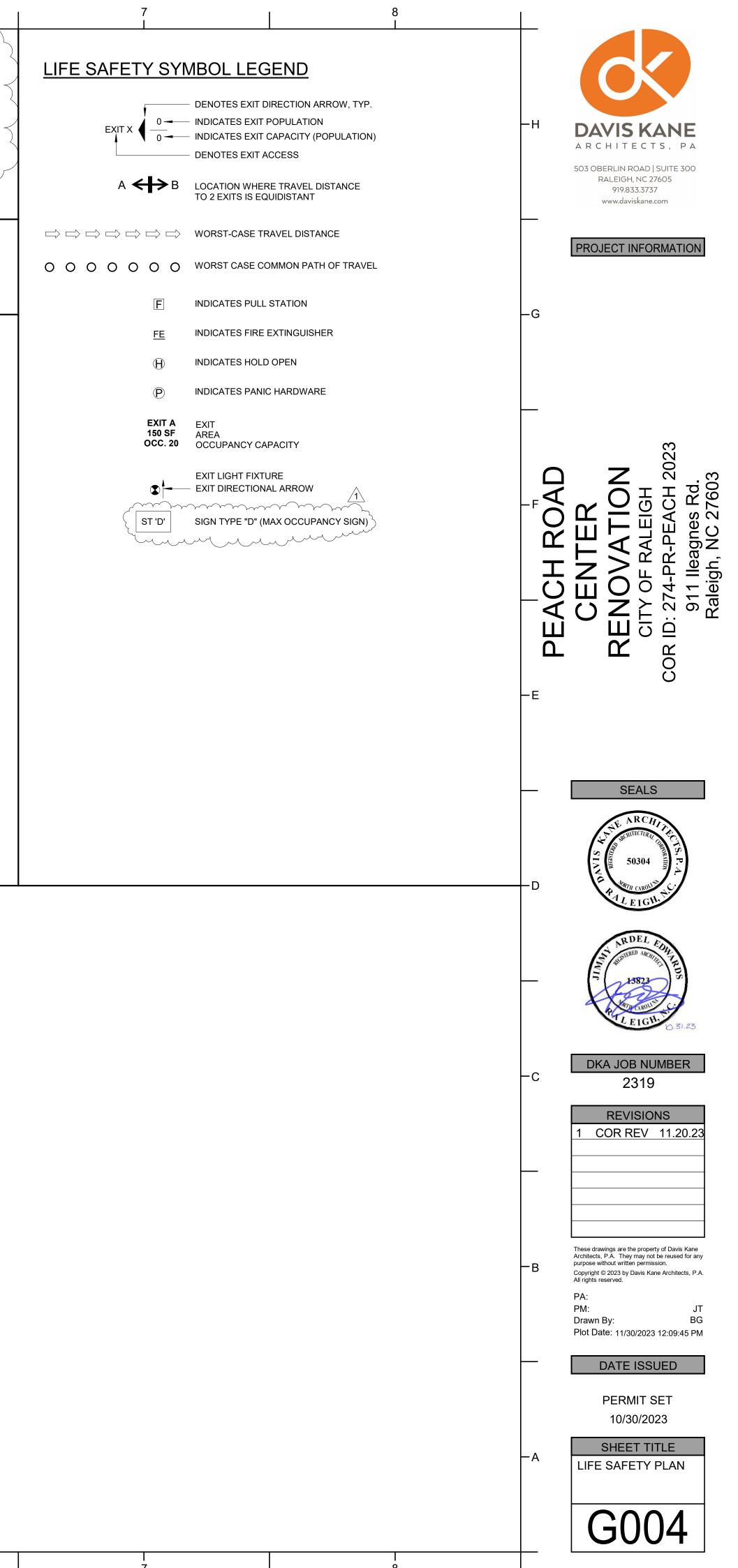
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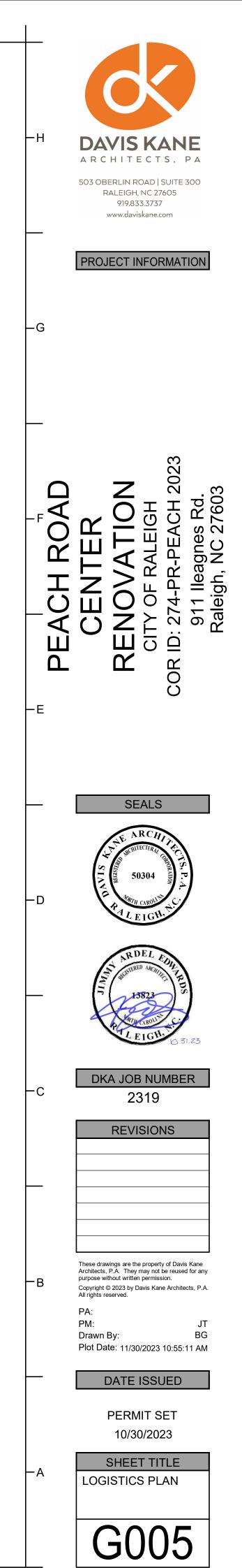
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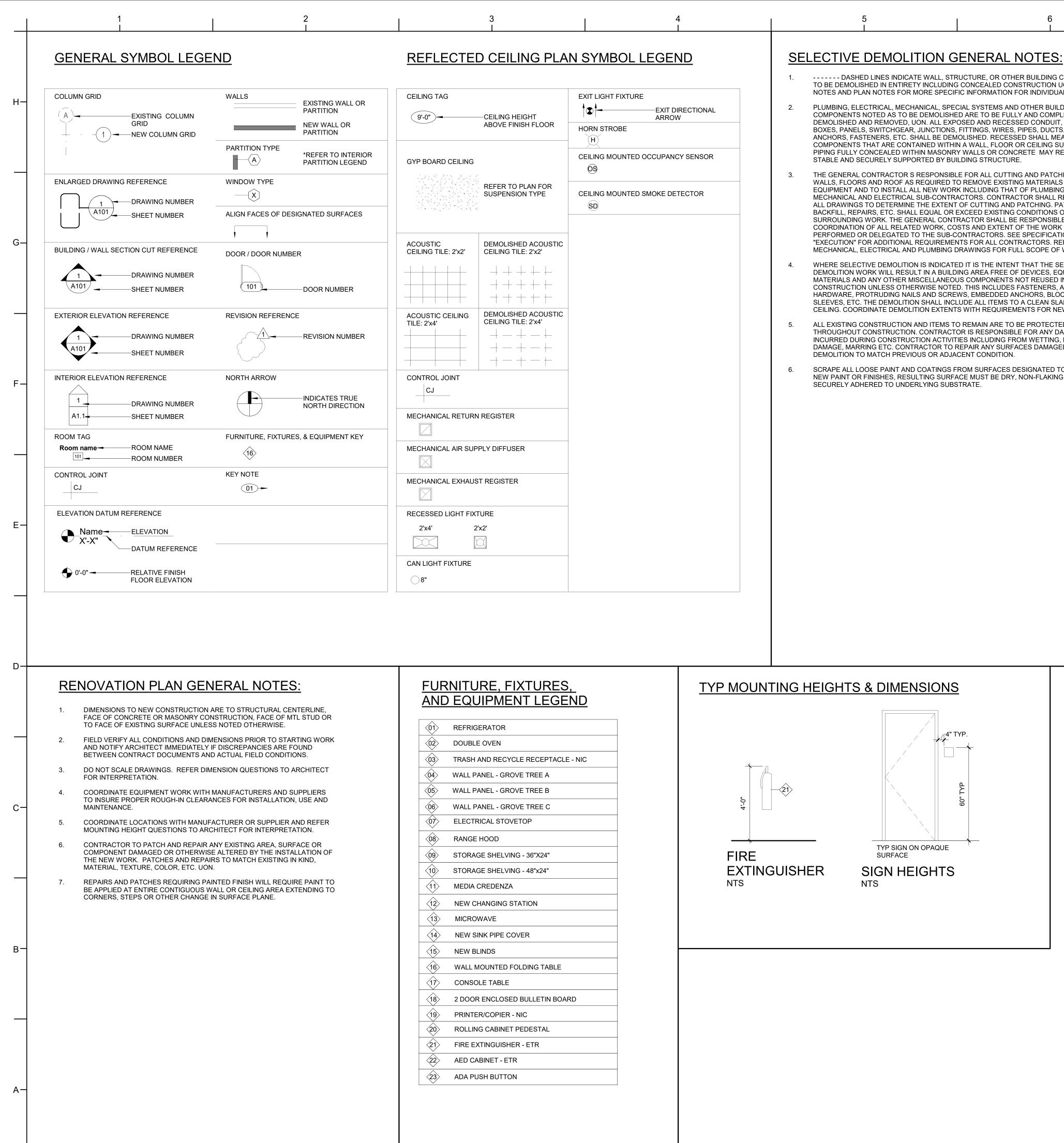


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				LIFE SAFETY GENERAL NOTES:
				 1. REFER TO SHEET G002 & G003 FOR CODE SUMMARY. 2. BUILDING WILL BE UNOCCUPIED DURING CONSTRUCTION. 3. CLASSROOMS A,B &C SHALL HAVE LIMITED OCCUPANCY SIGNAGE. SEE SHEET 1100 FOR SIGNAGE LOCATION & A700 FOR SIGNAGE ELEVATION.
				RATED ASSEMBLIES LEGEND:
				LIFE SAFETY OCCUPANCY KEY
	$\left\{ \right\}$			+ + ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM (300 SF/OCC. GROSS)
3				BUSINESS AREAS (100 SF/OCC. GROSS)
				ASSEMBLY UNCONCENTRATED (15 SF/OCC. NET)
-				TOTAL BUILDING OCCUPANCY: 113 OCCUPANTS
WITH MORE AN 21 ANTS ROOM				
WITH MORE AN 27 ANTS ROOM				
~ \	\sim			









EILING PLAN SYMBOL LEGEND NG HEIGHT CERNISH FLOOR EXT LIGHT FIXTURE E FINISH FLOOR Image: Component of the state of th
6. SCRAPE ALL LOSE PAINT AND COATINGS FROM SURFACES DESIGNATED TO RECEIVE NEW PAINT OR FINISHES, RESULTING SURFACE MUST BE DRY, NON-FLAKING AND SECURELY ADHERED TO UNDERLYING SUBSTRATE.

DEMOLISH ALL FLOOR COVERINGS AND RUBBER OR WOOD BASE, UON. TO INCLUDE REMOVAL OF ADHESIVES. CONTRACTOR RESPONSIBLE FOR VERIFYING FLOOR COVERING AND DEMOLISHING FLOOR COVERINGS UNDERNEATH VISIBLE COVERINGS DOWN TO THE CONCRETE SLAB. PROVIDE CLEAN, SMOOTH SUBFLOORING FOR NEW WORK.

7.

8

9.

12.

DEMOLISH ALL FLOOR BUMPERS IN THEIR ENTIRETY. SEE HARDWARE SCHEDULE FOR ADDITIONAL REQUIREMENTS.

REMOVE ALL INTERIOR SIGNAGE AND BRACKETS INCLUDING ROOM IDENTIFICATION SIGNAGE, DEPARTMENTAL SIGNAGE AND WAYFINDING SIGNAGE. DISPOSE AFTER GIVING OWNER FIRST RIGHT OF REFUSAL.

10. FURNITURE AND LOOSE EQUIPMENT TO BE REMOVED BY OWNER FROM THE BUILDING PRIOR TO THE COMMENCEMENT OF THE WORK. ANY REMAINING ITEMS ARE TO BE DEMOLISHED BY GENERAL CONTRACTOR, UNO. CONTRACTOR TO COORDINATE WITH OWNER.

11. ANY ITEMS INDICATED TO BE DEMOLISHED AFTER GIVING OWNER FIRST RIGHT OF REFUSAL SHALL BE DEMOLISHED ONLY AFTER RECEIVED NOTIFICATION FROM OWNER ITEMS SHOULD BE DISCARDED. ITEMS THAT THE OWNER WANTS POSSESSION OF SHALL BE CAREFULLY SALVAGED AND TURNED OVER TO THE OWNER.

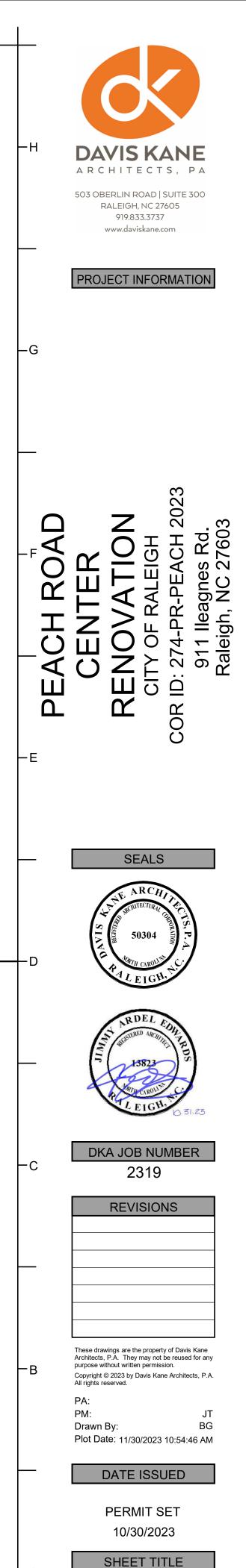
EXISTING BUILDING STRUCTURE TO REMAIN, UON. PROTECT DURING THE DEMOLITION AND NEW WORK PROCESS. REPAIR ANY SURFACES DAMAGED DURING DEMOLITION AND NEW WORK.

13. SEE SPECIFICATION SECTION "SELECTIVE DEMOLITION" AND OTHER DRAWINGS IN THIS SET FOR ADDITIONAL REQUIREMENTS FOR ALL CONTRACTORS.

14. SEE DEMOLITION FLOOR PLAN KEY NOTES AND NOTES ON PLANS FOR ADDITIONAL REQUIREMENTS.

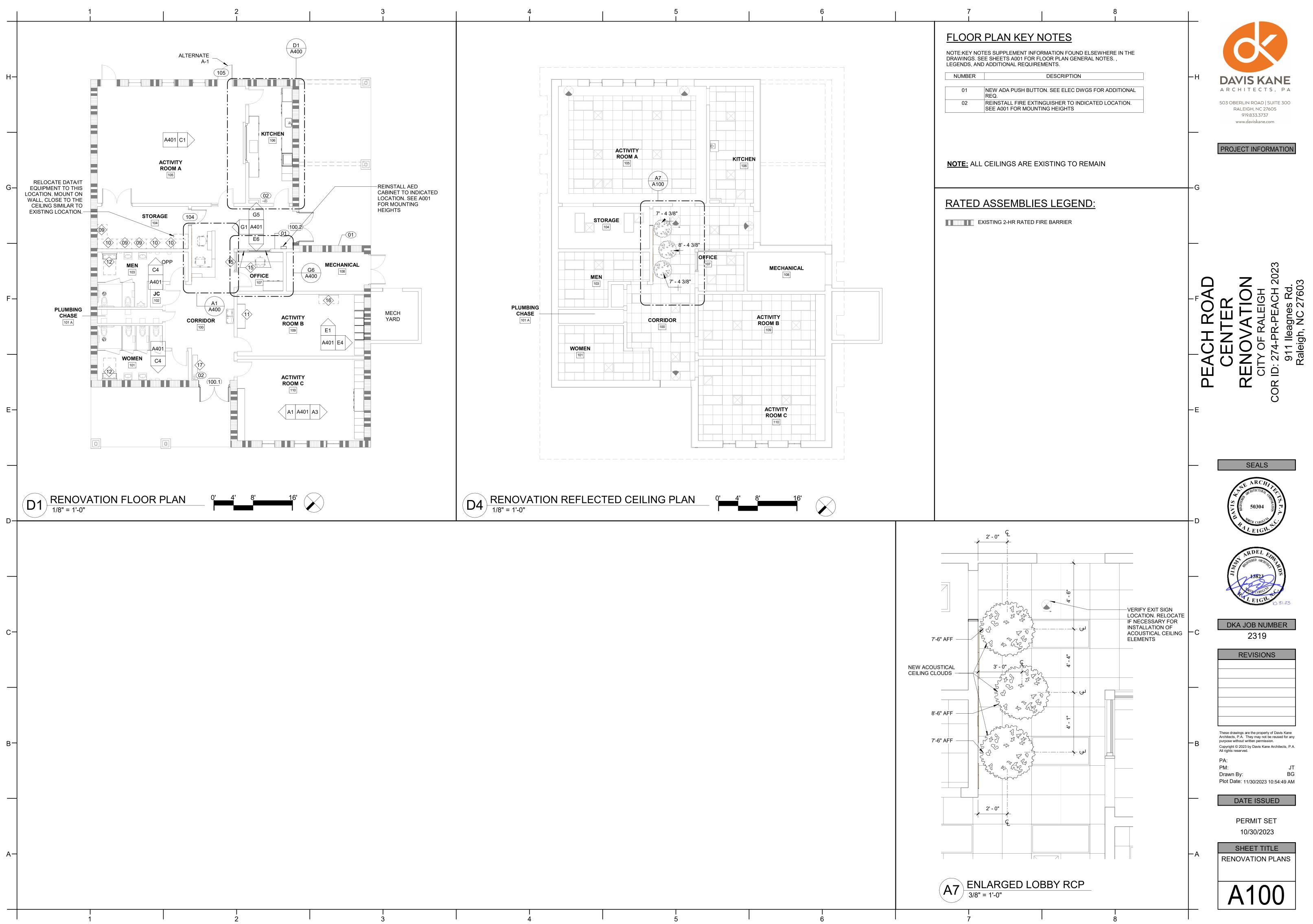
15. PROVIDE APPROPRIATE ANCHORAGE AND MOUNTING METHODS FOR CMU WALL CONSTRUCTION FOR WALL-MOUNTED FIXTURES, FURNISHINGS, EQUIPMENT AND ACCESSORIES.

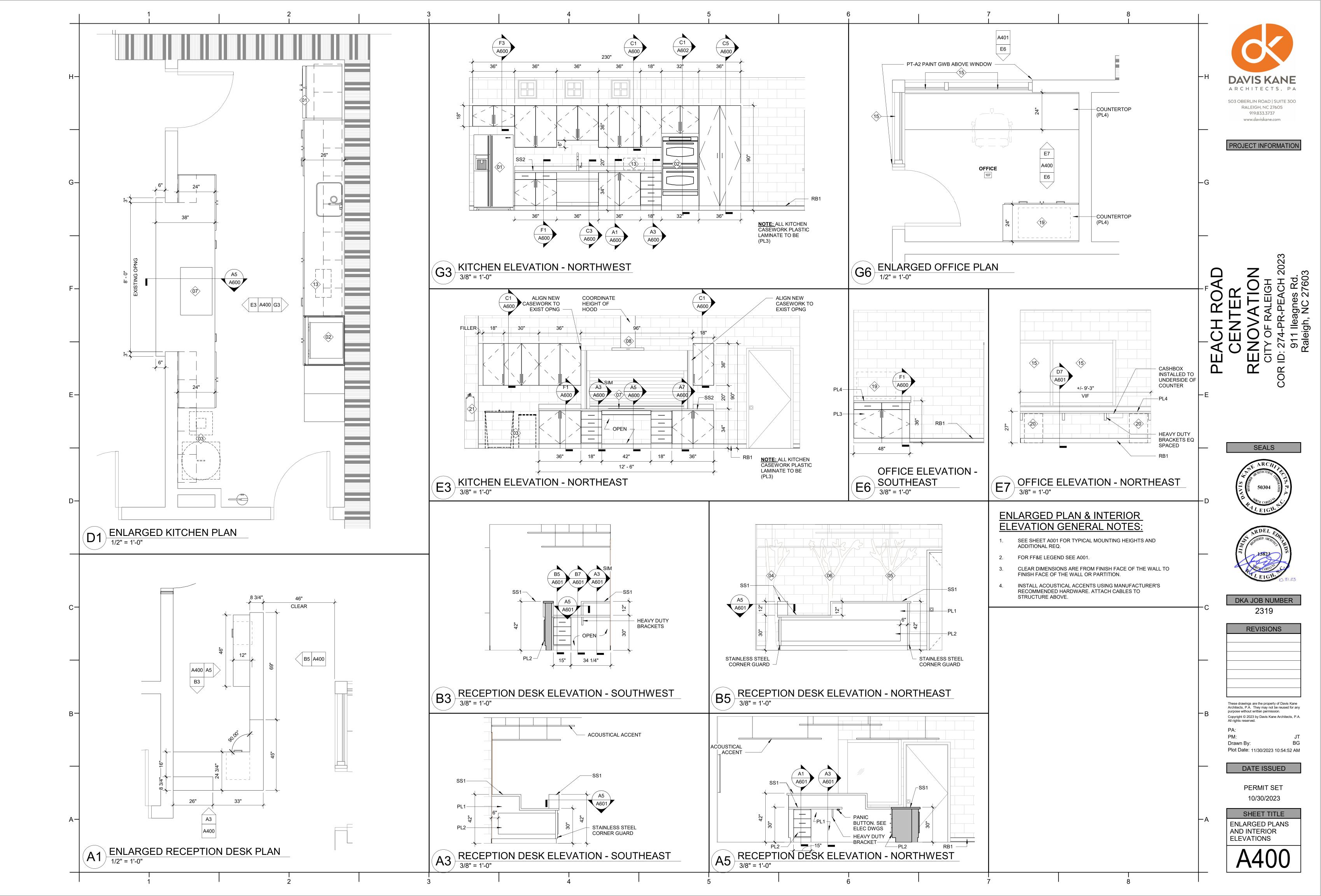
16. ALL FF&E ITEMS ARE CONTRACTOR PROVIDED, CONTRACTOR INSTALLED U.O.N.

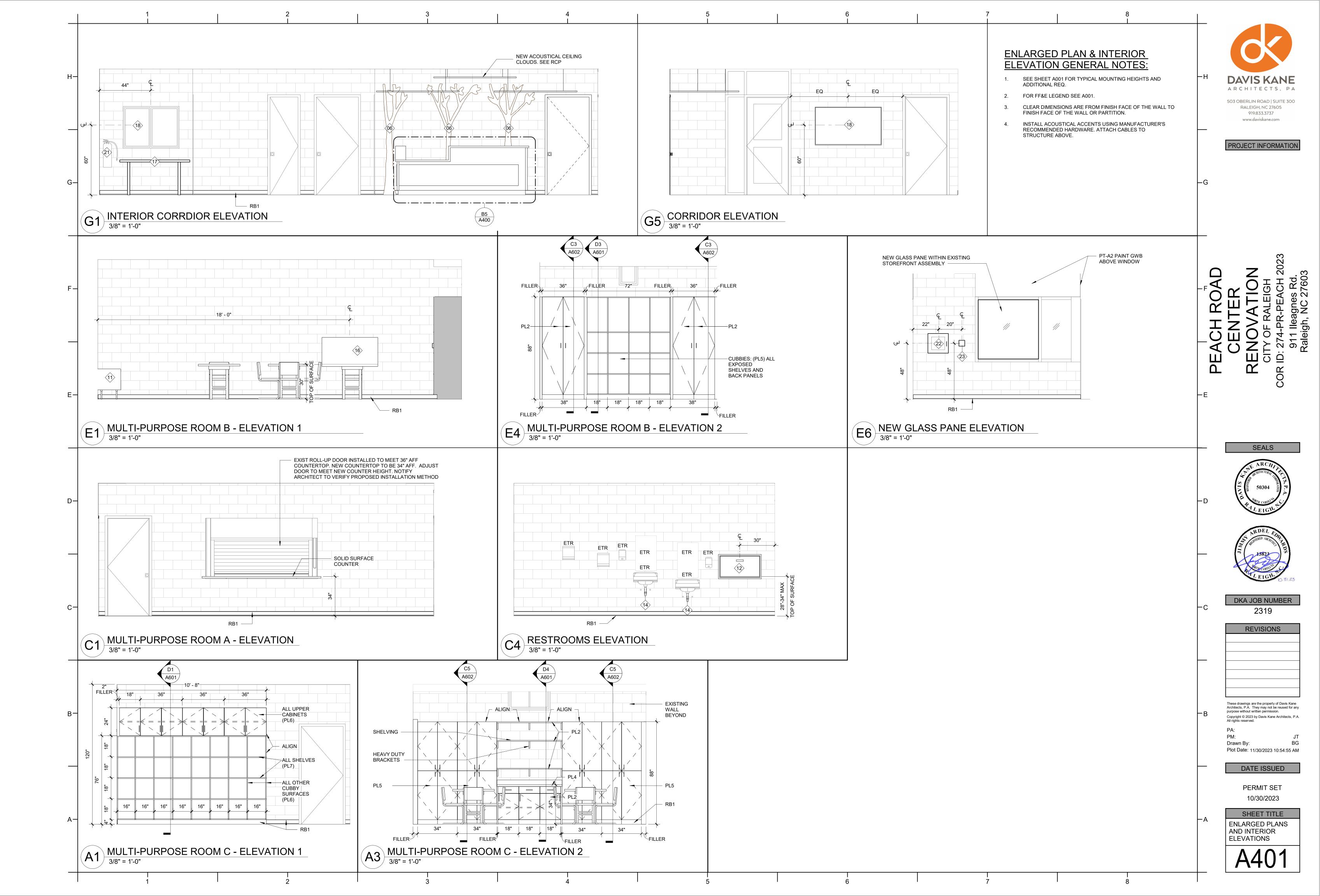


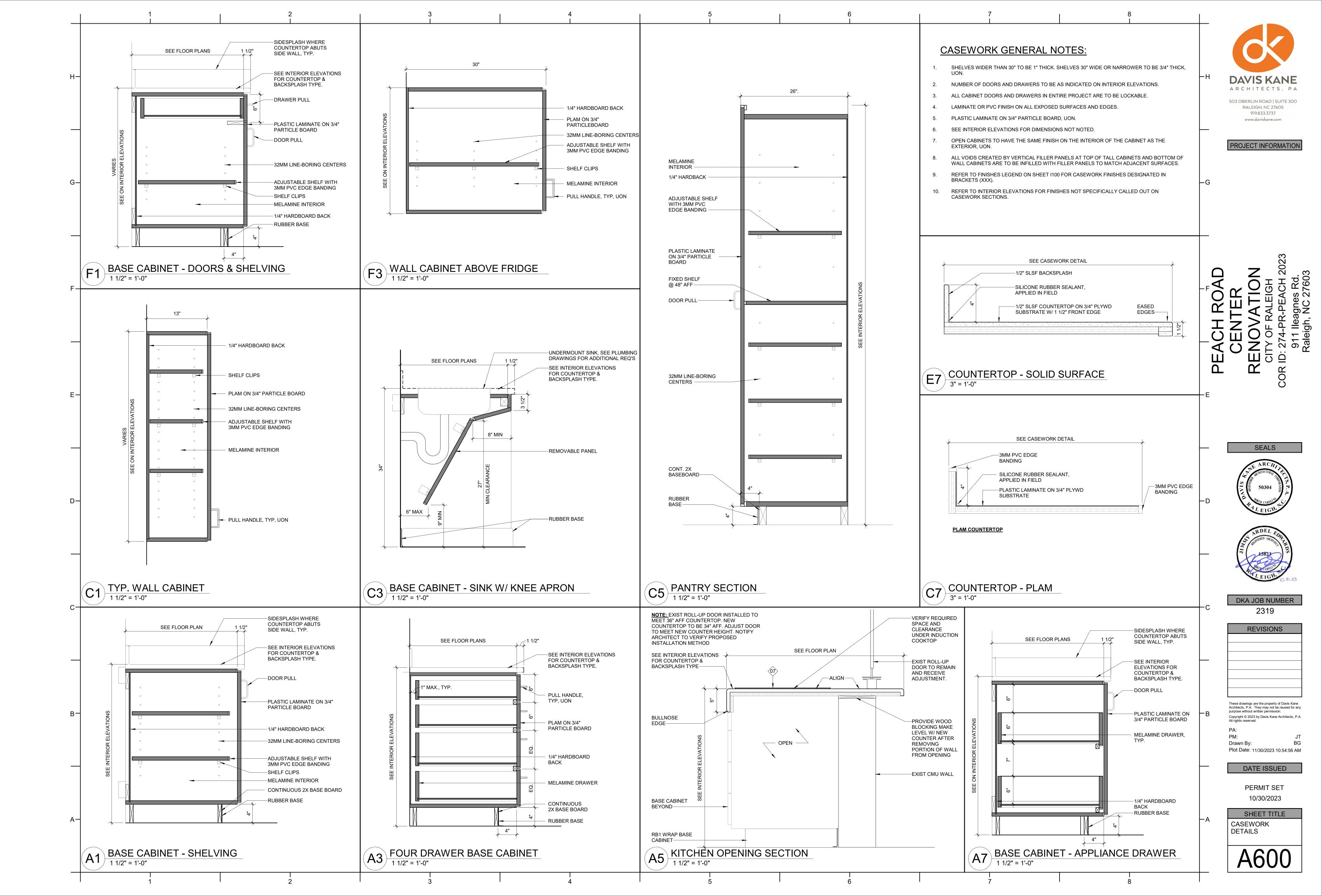
GENERAL NOTES AND LEGENDS

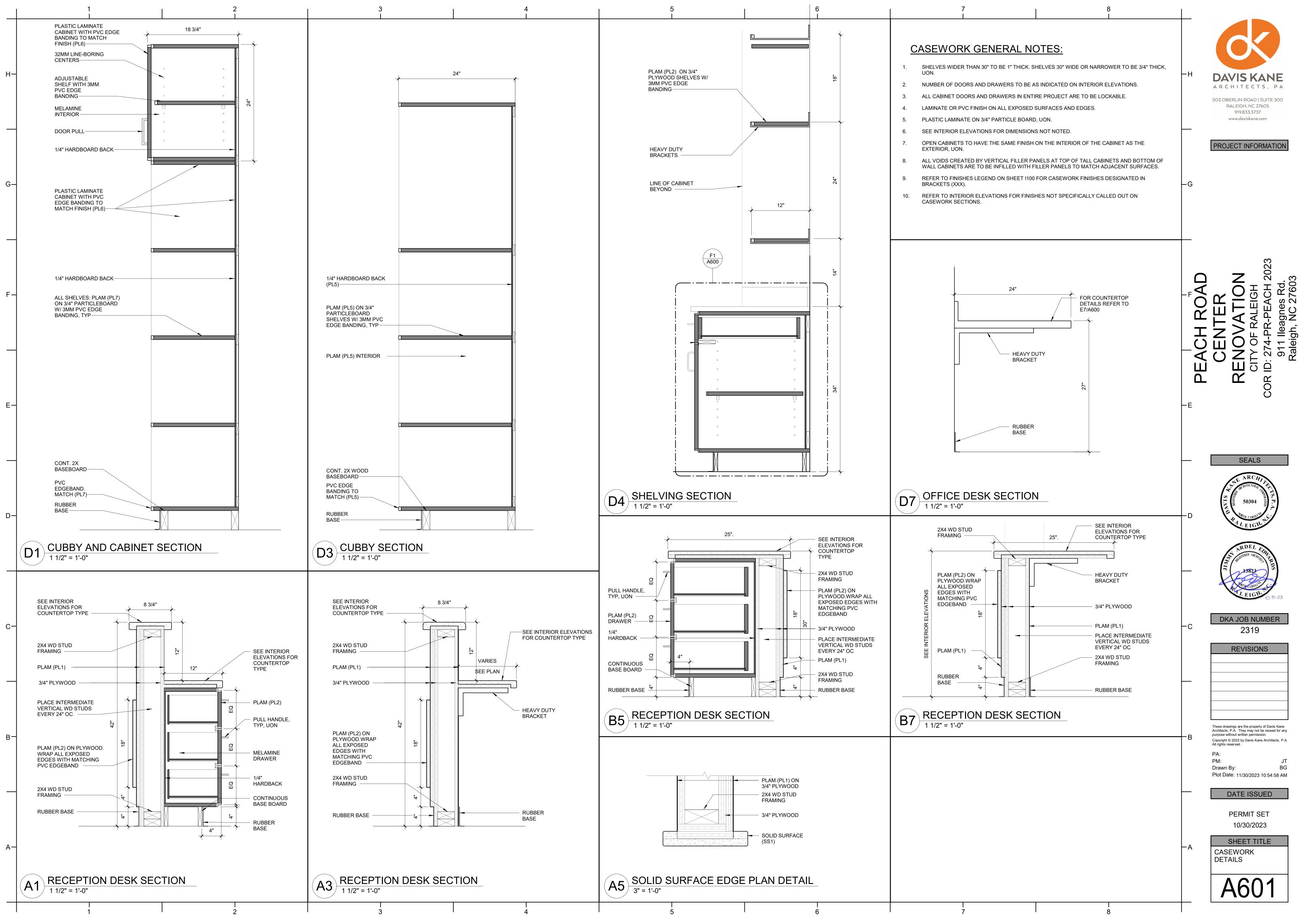
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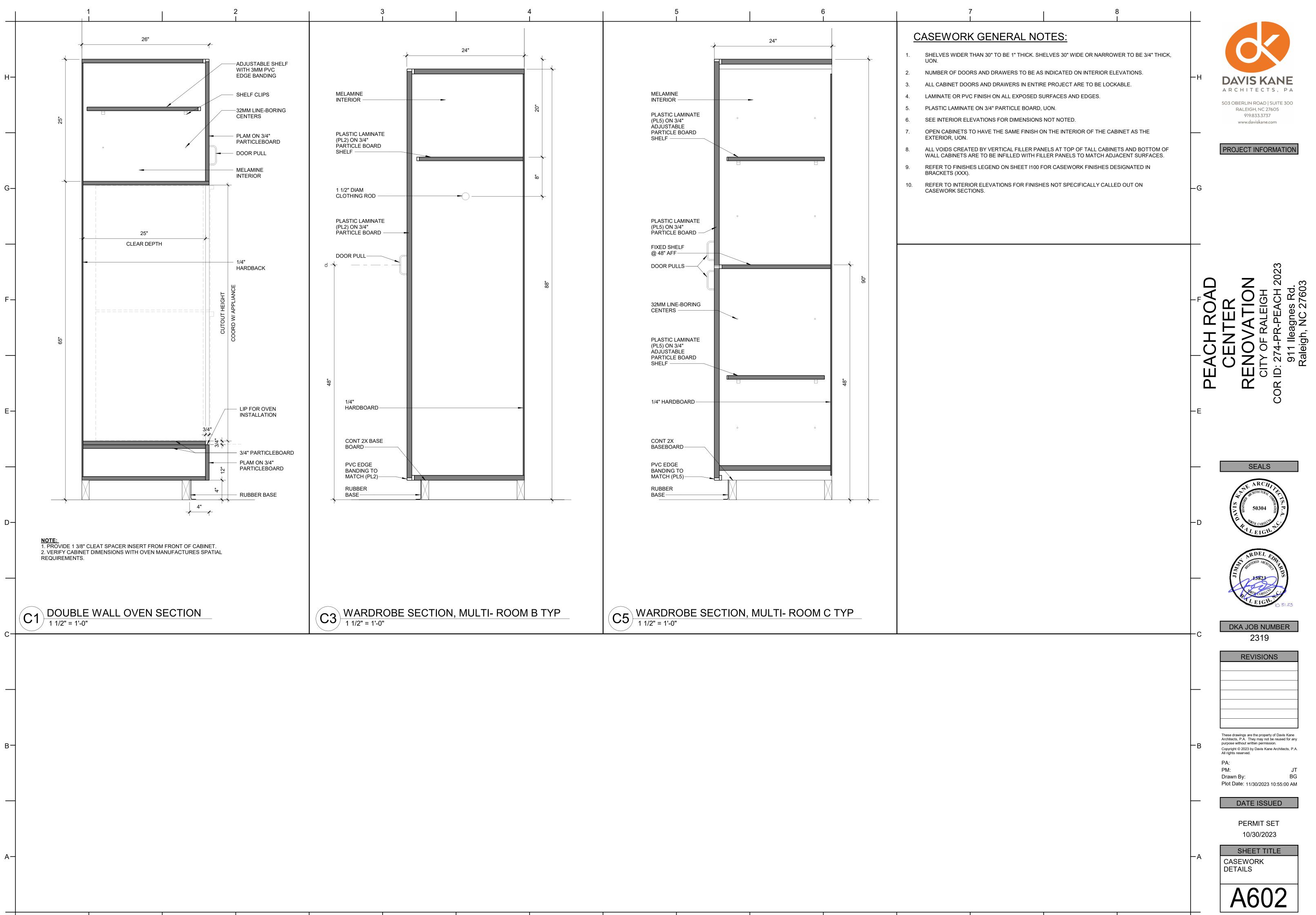


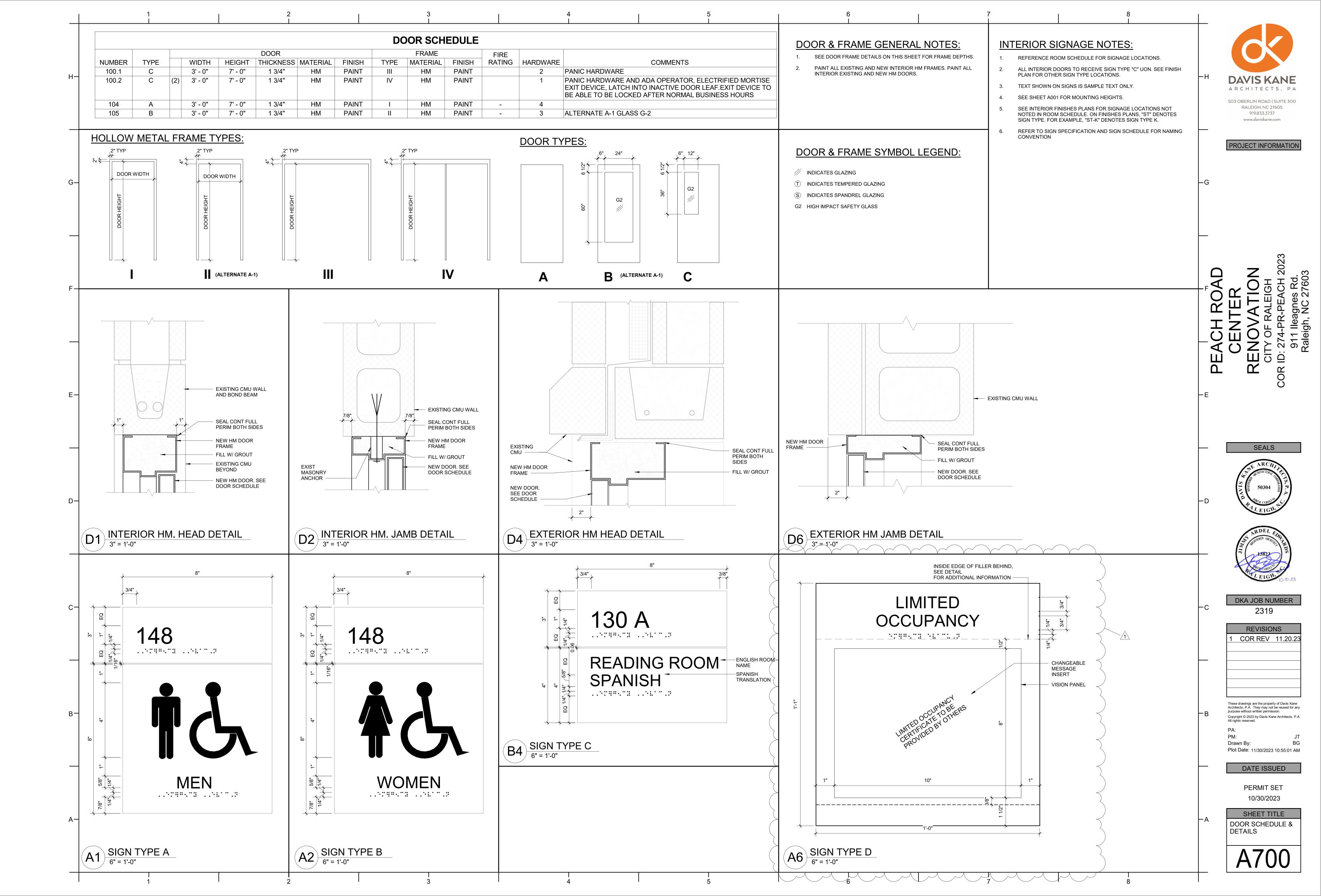


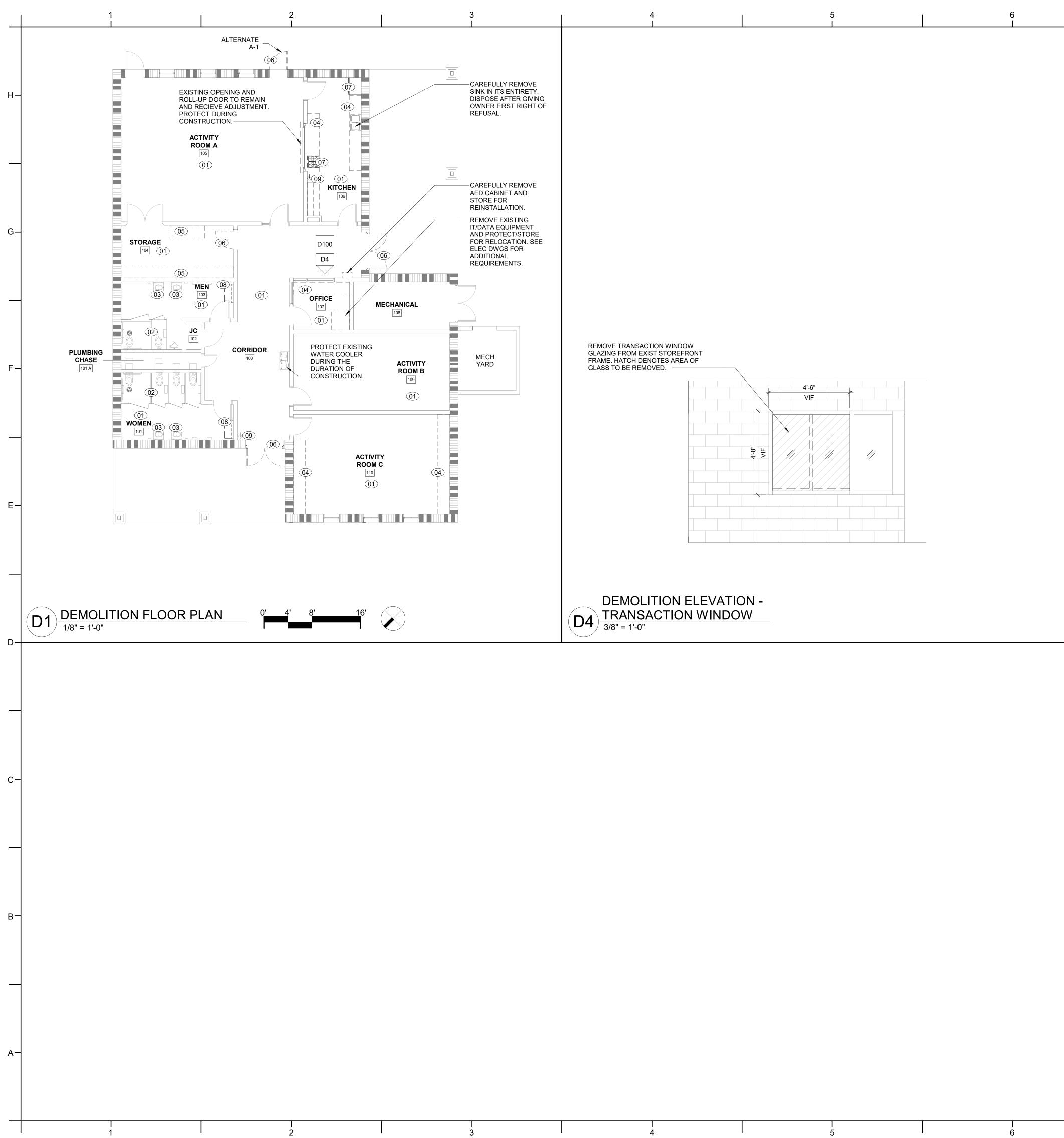


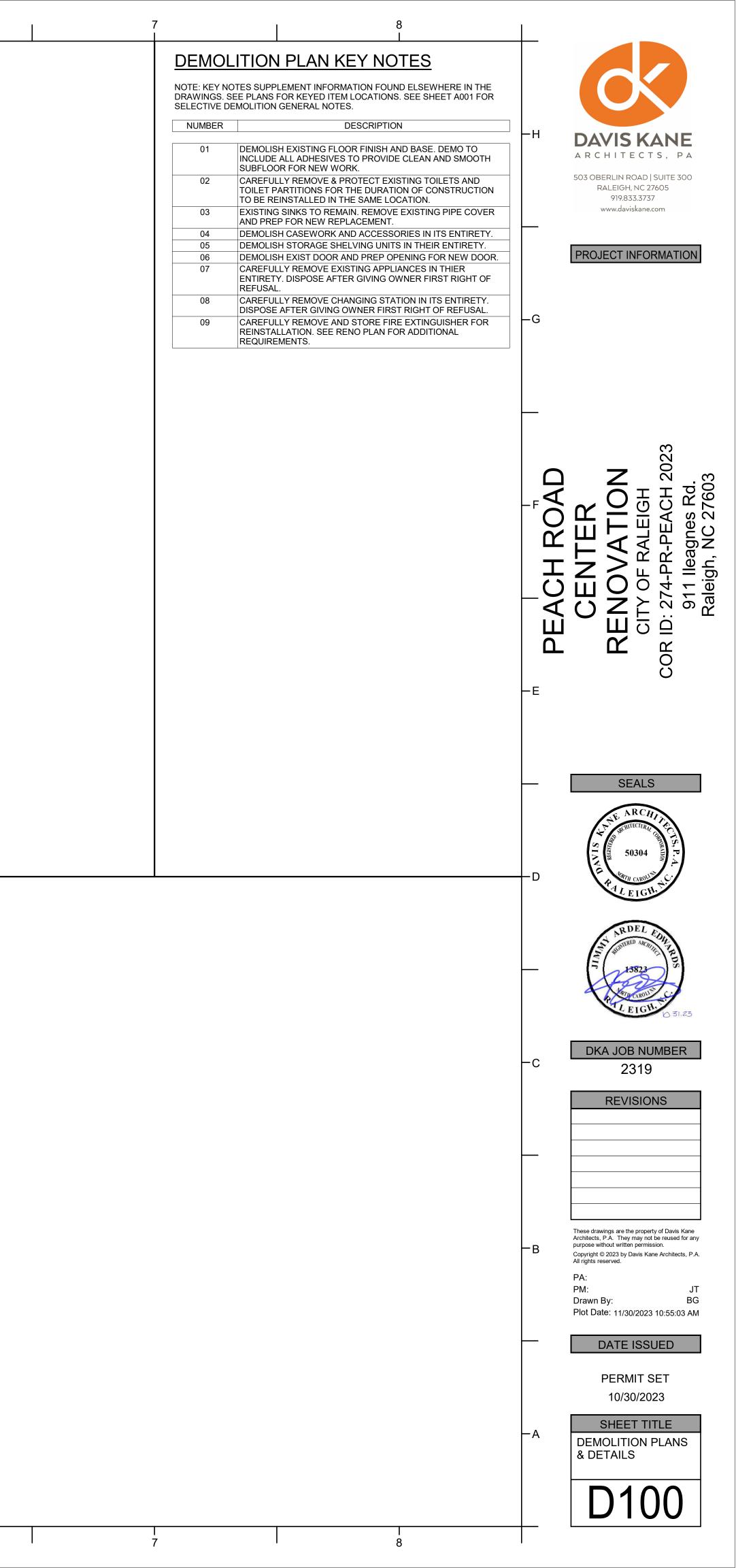


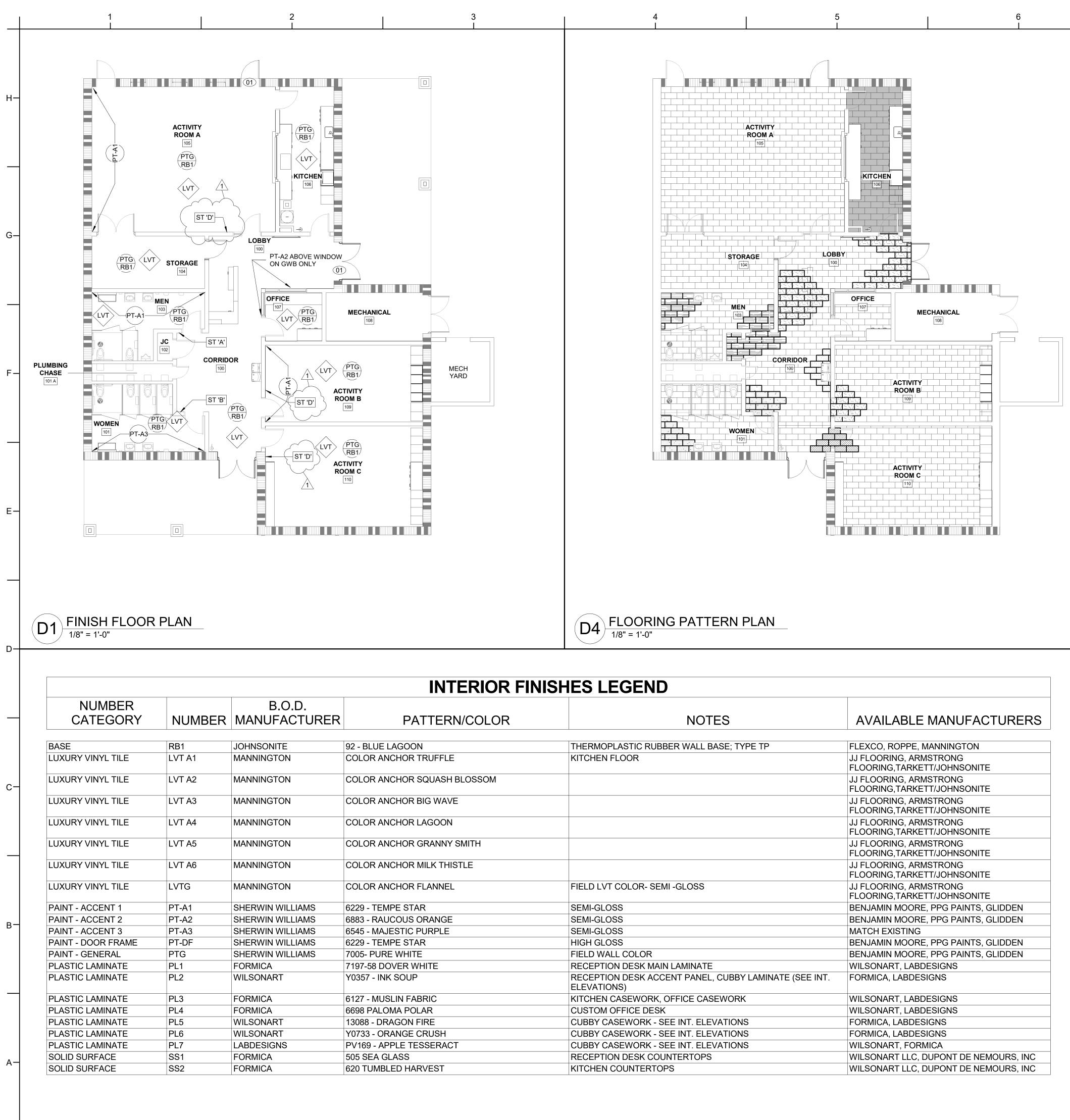












OR	NOTES	AVAILABLE MANUFACTURERS
	THERMOPLASTIC RUBBER WALL BASE; TYPE TP	FLEXCO, ROPPE, MANNINGTON
	KITCHEN FLOOR	JJ FLOORING, ARMSTRONG FLOORING, TARKETT/JOHNSONITE
M		JJ FLOORING, ARMSTRONG FLOORING, TARKETT/JOHNSONITE
		JJ FLOORING, ARMSTRONG FLOORING, TARKETT/JOHNSONITE
		JJ FLOORING, ARMSTRONG FLOORING, TARKETT/JOHNSONITE
		JJ FLOORING, ARMSTRONG FLOORING,TARKETT/JOHNSONITE
		JJ FLOORING, ARMSTRONG FLOORING, TARKETT/JOHNSONITE
	FIELD LVT COLOR- SEMI -GLOSS	JJ FLOORING, ARMSTRONG FLOORING, TARKETT/JOHNSONITE
	SEMI-GLOSS	BENJAMIN MOORE, PPG PAINTS, GLIDDEN
	SEMI-GLOSS	BENJAMIN MOORE, PPG PAINTS, GLIDDEN
	SEMI-GLOSS	MATCH EXISTING
	HIGH GLOSS	BENJAMIN MOORE, PPG PAINTS, GLIDDEN
	FIELD WALL COLOR	BENJAMIN MOORE, PPG PAINTS, GLIDDEN
	RECEPTION DESK MAIN LAMINATE	WILSONART, LABDESIGNS
	RECEPTION DESK ACCENT PANEL, CUBBY LAMINATE (SEE INT. ELEVATIONS)	FORMICA, LABDESIGNS
	KITCHEN CASEWORK, OFFICE CASEWORK	WILSONART, LABDESIGNS
	CUSTOM OFFICE DESK	WILSONART, LABDESIGNS
	CUBBY CASEWORK - SEE INT. ELEVATIONS	FORMICA, LABDESIGNS
	CUBBY CASEWORK - SEE INT. ELEVATIONS	FORMICA, LABDESIGNS
	CUBBY CASEWORK - SEE INT. ELEVATIONS	WILSONART, FORMICA
	RECEPTION DESK COUNTERTOPS	WILSONART LLC, DUPONT DE NEMOURS, INC
	KITCHEN COUNTERTOPS	WILSONART LLC, DUPONT DE NEMOURS, INC

5		
5		

FINISHES GENERAL NOTES:

SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.

WHERE PAINT IS INDICATED ON LEGEND, PROVIDE THE FOLLOWING: 2 LOCATION MASONRY WALLS, UON FINISH SEMI-GLOSS HIGH-GLOSS INTERIOR FRAMES

- PAINT COLORS PROVIDED IN FINISHES LEGEND ARE FOR COLOR MATCH ONLY. 3.
- 4. FOR INFORMATION ABOUT THRESHOLDS SEE DOOR SCHEDULE.

ROOM FINISH SCHEDULE						
#	NAME	FLOOR	WALL	BASE	EXIST CLG HGT	SIGN TYPE
100	LOBBY	LVT	PNT	RB	9'-6"	N/A
100	CORRIDOR	LVT	PNT	RB	9'-6"	N/A
101	WOMEN	LVT	PNT	RB	9'-0"	B
101 A	PLUMBING CHASE	ETR	ETR	ETR	OPEN	C
102	JC					С
103	MEN	LVT	PNT	RB	9'-0"	A
104	STORAGE	LVT	PNT	RB	9'-0"	С
105	ACTIVITY ROOM A	LVT	PNT	RB	10'-0"	С
106	KITCHEN	LVT	PNT	RB	10'-0"	С
106	MECH YARD	ETR	ETR	ETR	N/A	N/A
107	OFFICE	LVT	PNT	RB	10'-0"	С
108	MECHANICAL	ETR	ETR	ETR	OPEN	N/A
109	ACTIVITY ROOM B	LVT	PNT	RB	10'-0"	С
110	ACTIVITY ROOM	LVT	PNT	RB	10'-0"	С

INTERIOR SIGNAGE NOTES:

REFERENCE ROOM SCHEDULE FOR SIGNAGE LOCATIONS.

- ALL INTERIOR DOORS TO RECEIVE SIGN TYPE "C" UON. SEE FINISH 2 PLAN FOR OTHER SIGN TYPE LOCATIONS.
- TEXT SHOWN ON SIGNS IS SAMPLE TEXT ONLY.
- 4. SEE SHEET A001 FOR MOUNTING HEIGHTS.

SEE INTERIOR FINISHES PLANS FOR SIGNAGE LOCATIONS NOT NOTED IN ROOM SCHEDULE. ON FINISHES PLANS, "ST" DENOTES SIGN TYPE. FOR EXAMPLE, "ST-K" DENOTES SIGN TYPE K.

REFER TO SIGN SPECIFICATION AND SIGN SCHEDULE FOR NAMING 6. CONVENTION

FINISHES KEY:

LUXURY VINYL TILE GENERAL
LUXURY VINYL TILE ACCENT 1
LUXURY VINYL TILE ACCENT 2
LUXURY VINYL TILE ACCENT 3
LUXURY VINYL TILE ACCENT 4
LUXURY VINYL TILE ACCENT 5
LUXURY VINYL TILE ACCENT 6

FINISHES SYMBOL LEGEND

FINISHES	
CPT -	FLOORING
PT -	WALL UON
B	BASE UON
PT	ACCENT PAINT
WC -	WALLCOVERING
ST 'B'	SIGN TYPE



PROJECT INFORMATION

CEN	RENO	CITY OF	COR ID: 274-P	911 IIe
	SE	ALS		
A SIVAC	A HE A	RCH	THOUSAND	





DKA JOB NUMBER 2319

REVISIO	NS
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L		
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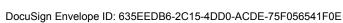
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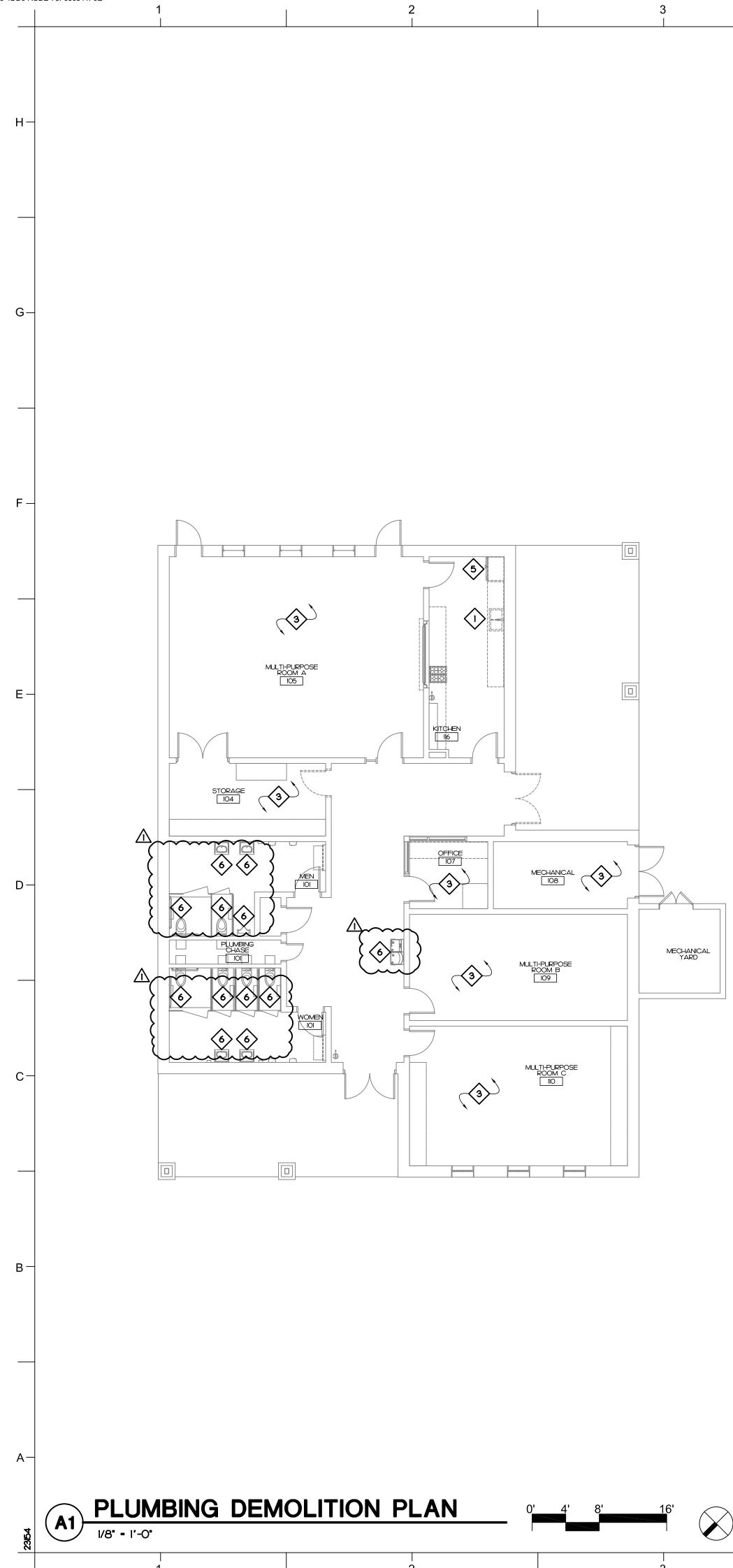
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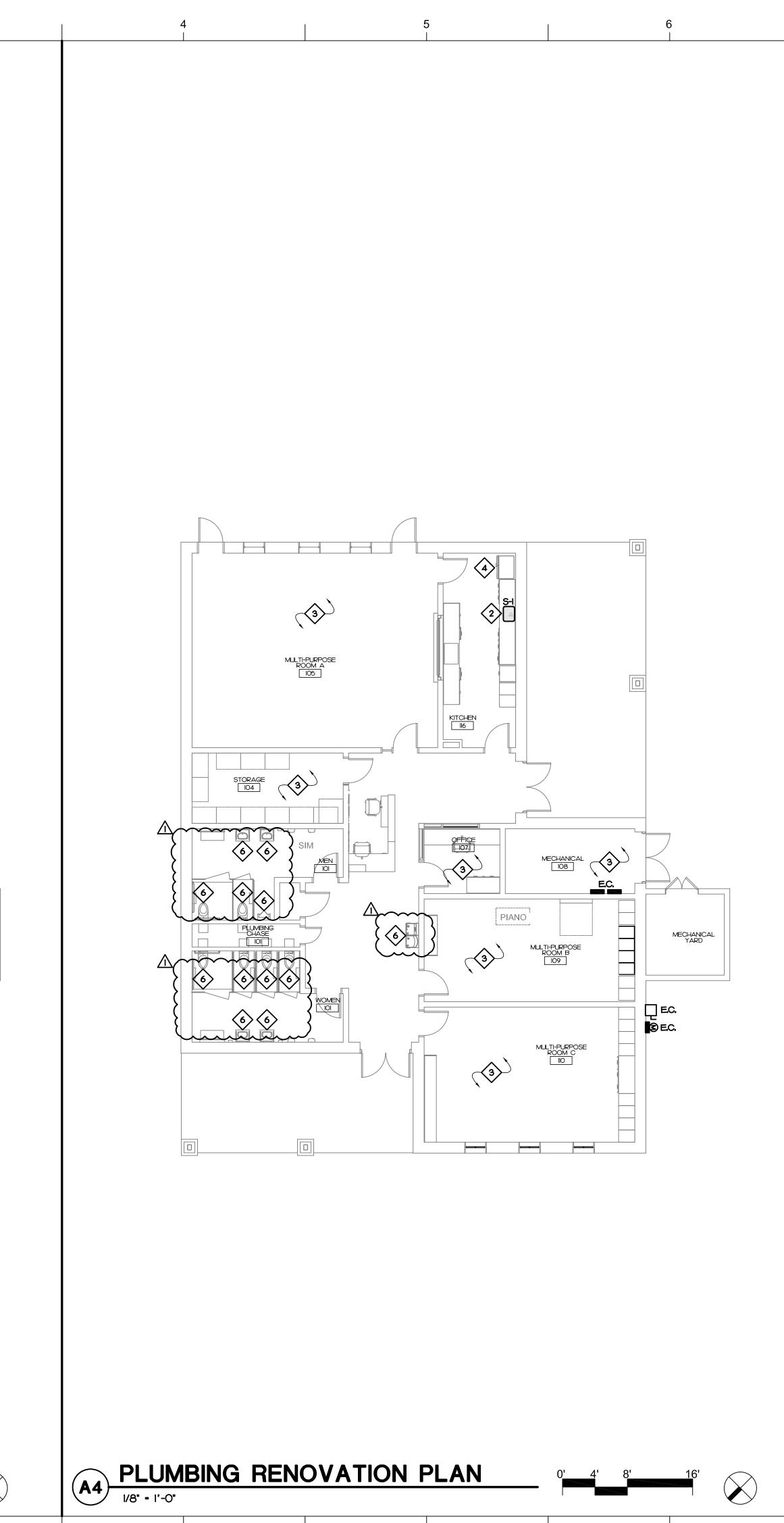
PERMIT SET

10/30/2023

SHEET TITLE FINISH PLANS, SCHEDULES & DETAILS 1100







PLUMBING KEY NOTES

 $\frac{1}{2}$ Connect New Plumbing Fixture to existing water, waste, and vent piping.

3 NO WORK THIS AREA.

GENERAL CONTRACTOR TO CONNECT NEW REFRIGERATOR TO EXISTING WATER CONNECTION FROM BREAK ROOM SINK.

5 EXISTING WATER CONNECTION TO THE EXISTING REFRIGERATOR TO THE EXISTING BREAK ROOM SINK TO REMAIN FOR REUSE.

GENERAL CONTRACTOR TO REMOVE EXISTING PLUMBING FIXTURE FOR NEW WALL, FLOOR, OR CASEWORK FINISHES AND RECONNECT TO EXISTING WASTE, WATER, AND VENT PIPING AS REQUIRED AFTER NEW FINISHES ARE COMPLETED.

PLUMBING GENERAL NOTES

- 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE CODE, ALL LOCAL AND OTHER APPLICABLE CODES.
- ANY PERMITS AND INSPECTION FEES SHALL BE SECURED AND PAID FOR BY THE PLUMBING CONTRACTOR.
 ALL WORK SHALL BE PERFORMED BY EXPERIENCED AND SKILLED CRAFTSMAN. THE PLUMBING
- 4. THE PLUMBING PLANS AND SPECIFICATIONS SHALL BE THOROUGHLY REVIEWED PRIOR TO
- PURCHASING MATERIALS AND INSTALLATION. ALL DISCREPANCIES OR INTERFERENCE'S SHALL BE BROUGHT TO THE ENGINEERS ATTENTION. 5. THESE PLANS ARE DIAGRAMMATIC AND MAY NOT SHOW MINOD DETAILS AND LOCATIONS FOR
- THESE PLANS ARE DIAGRAMMATIC AND MAY NOT SHOW MINOR DETAILS AND LOCATIONS, FOR DIMENSIONS, REFER TO THE ARCHITECTURAL PLANS,
 THE PLUMBING CONTRACTOR SHALL PROVIDE ALL OPENINGS REQUIRED FOR THE PLUMBING WORK.
- THE PATCHING SHALL BE BY THE PLUMBING CONTRACTOR AND FINISHING BY GENERAL CONTRACTOR. 7. ALL PIPE, FITTINGS, FIXTURES, AND SOLDER TO BE LEAD FREE.
- 8. WATER PIPING BELOW GRADE SHALL BE TYPE "K" COPPER (NO JOINTS BELOW GRADE) AND ABOVE GRADE TYPE "L" COPPER, SUPPORTED AS REQUIRED AND SHALL BE HYDROSTATICALLY TESTED FOR ONE HOUR AT 150 PSI, TEST TO COMPLY WITH ALL EPA STANDARDS, THE ENTIRE WATER DISTRIBUTION SYSTEM SHALL BE DISINFECTED PRIOR TO PLACING IN SERVICE.
- 9. WATER PIPING LOCATED ABOVE CEILINGS AND IN EXTERIOR WALLS SHALL BE ROUTED ON HEATED SIDE OF CEILING INSULATION (UNDERSIDE) AND WALL INSULATION (INSIDE).
- 10, ALL COLD AND HOT WATER PIPING SHALL BE INSULATED, INSULATE WASTE PIPING AS DESIGNATED ON PLUMBING DRAWINGS, INSULATION SHALL BE I' FIBERGLASS, EXPOSED PIPING TO BE WRAPPED WITH ALUMINUM JACKET.
- II. DO NOT SUPPORT PIPING FROM BAR JOIST BRIDGING AND/OR ROOF DECK.
- 12. WATER SHUT OFF VALVES ABOVE FINISHED CEILING ARE TO BE FREE FROM OBSTRUCTIONS SUCH AS DUCTWORK, LIGHTS, WIRING AND OTHER PIPING SO AS TO PROVIDE EASY ACCESS, MOUNT NO MORE THAN 2'-0" ABOVE FINISHED CEILING.
- 13. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL AND CONTROL CONNECTIONS TO THE EQUIPMENT FURNISHED UNDER HIS CONTRACT.
- 14. SANITARY SEWER AND VENT PIPING SHALL BE SCHEDULE 40 PVC. CELLULAR CORE (FOAM CORE) IS NOT ALLOWED. SANITARY SEWER AND VENT PIPING SHALL BE GAS AND AIR TIGHT.
 15. THE PLUMBING CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO
- INSTALLATION OF ANT WORK. 16. VERIFY THE LOCATION OF ALL EQUIPMENT SUPPLIED BY OTHERS.
- 17. ALL VENT PIPING THROUGH THE ROOF SHALL BE A MINIMUM OF 15'-0" FROM ALL MAKE-UP AIR INLETS OR A MINIMUM OF 2'-0" ABOVE THE TOP OF ALL MAKE-UP AIR INLETS, VENTS THROUGH ROOF ARE TO BE ON REAR OF BUILDING.
- 18. ALL EQUIPMENT REMOVED FROM THE BUILDING DURING DEMOLITION SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE TURNED OVER TO THE OWNER FOR DISPOSAL. CARE SHOULD BE TAKEN IN REMOVAL OF ITEMS TO MINIMIZE DAMAGE. ANY ITEM WHICH IS NOT WANTED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PREMISES.
- 19. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR DEMOLITION AT NO COST TO THE OWNER.

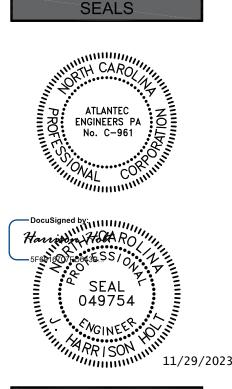
PLUMBING SYMBOL LEGEND

				—–c
SYMBOL			DESCRIPTION	
:	0 + +	Plumbing i Plumbing (FIXTURE PROVIDED AND INSTALLED BY CONTRACTOR	
	$\mathbf{\Theta}$	CONNECT .	TO EXISTING	
				B
	PLUMBING		SUMMARY	
		LOAD		
	SANITARY SEWER DEMAND	WATER DEMAND	WATER DEMAND	A
	FU	FU	GPM	
REMOVED :	-1.0	-2.0	-5.0	
	+1.0	+2.0	+5.0	
NET:	0.0	0.0	0.0	









KA JOB NUMBER
2319

REVISIONS			
	11/20/2023		
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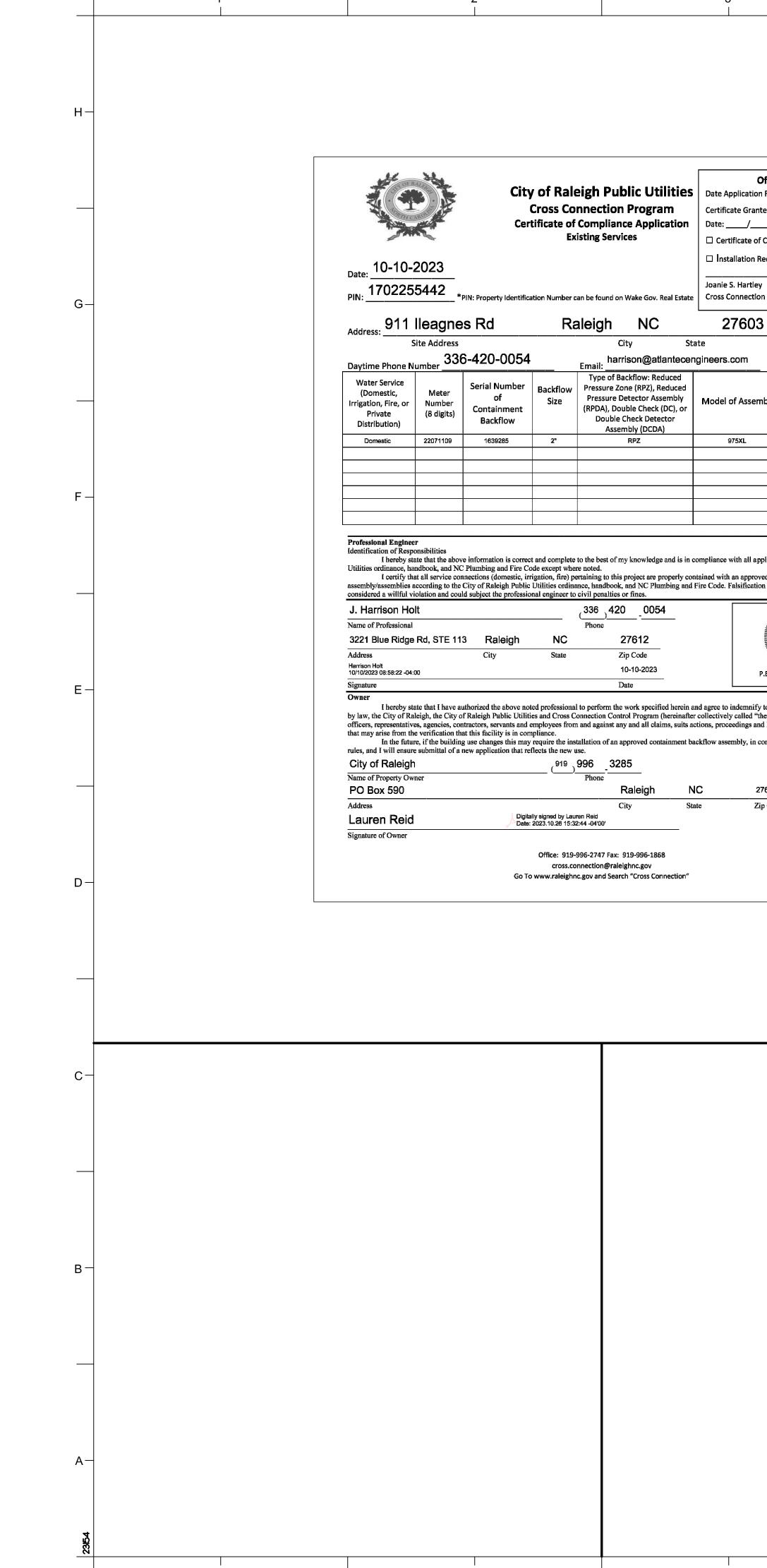
PA:	JBD
PM:	JHH
Drawn By:	JHH
Plot Date:	10/30/2023

DATE ISSUED

CONSTRUCTION DOCUMENTATION 10/30/2023

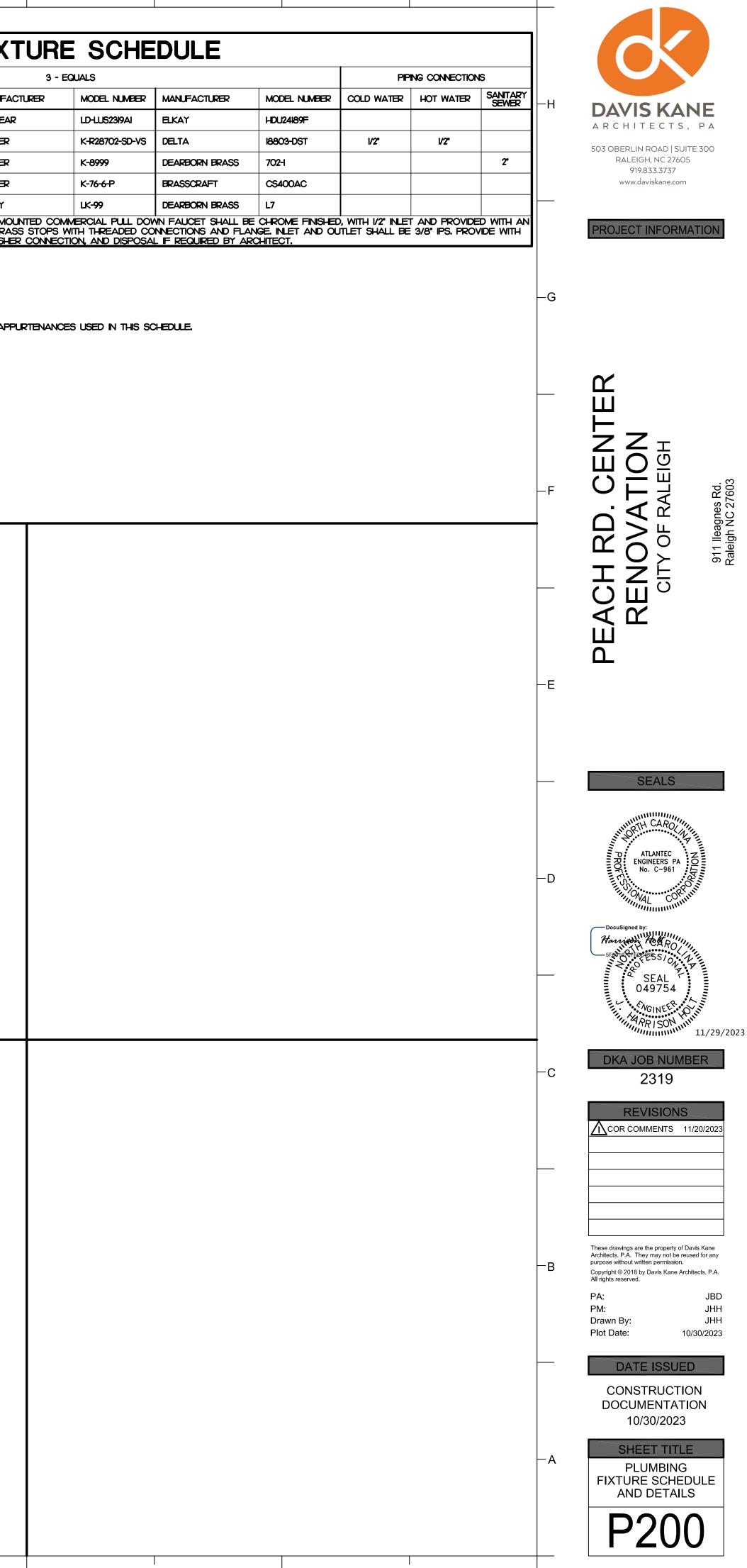
SHEET TITLE PLUMBING PLAN



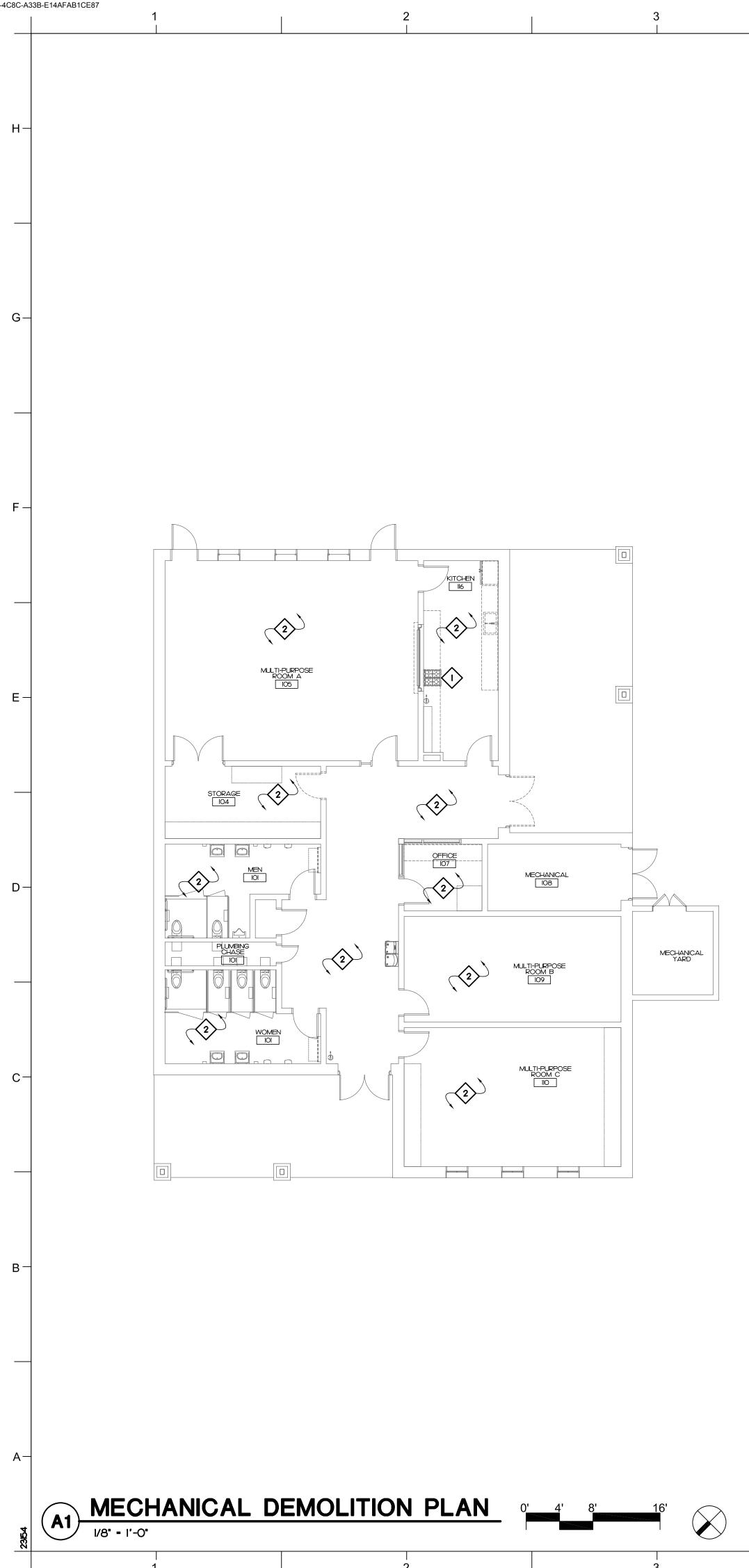


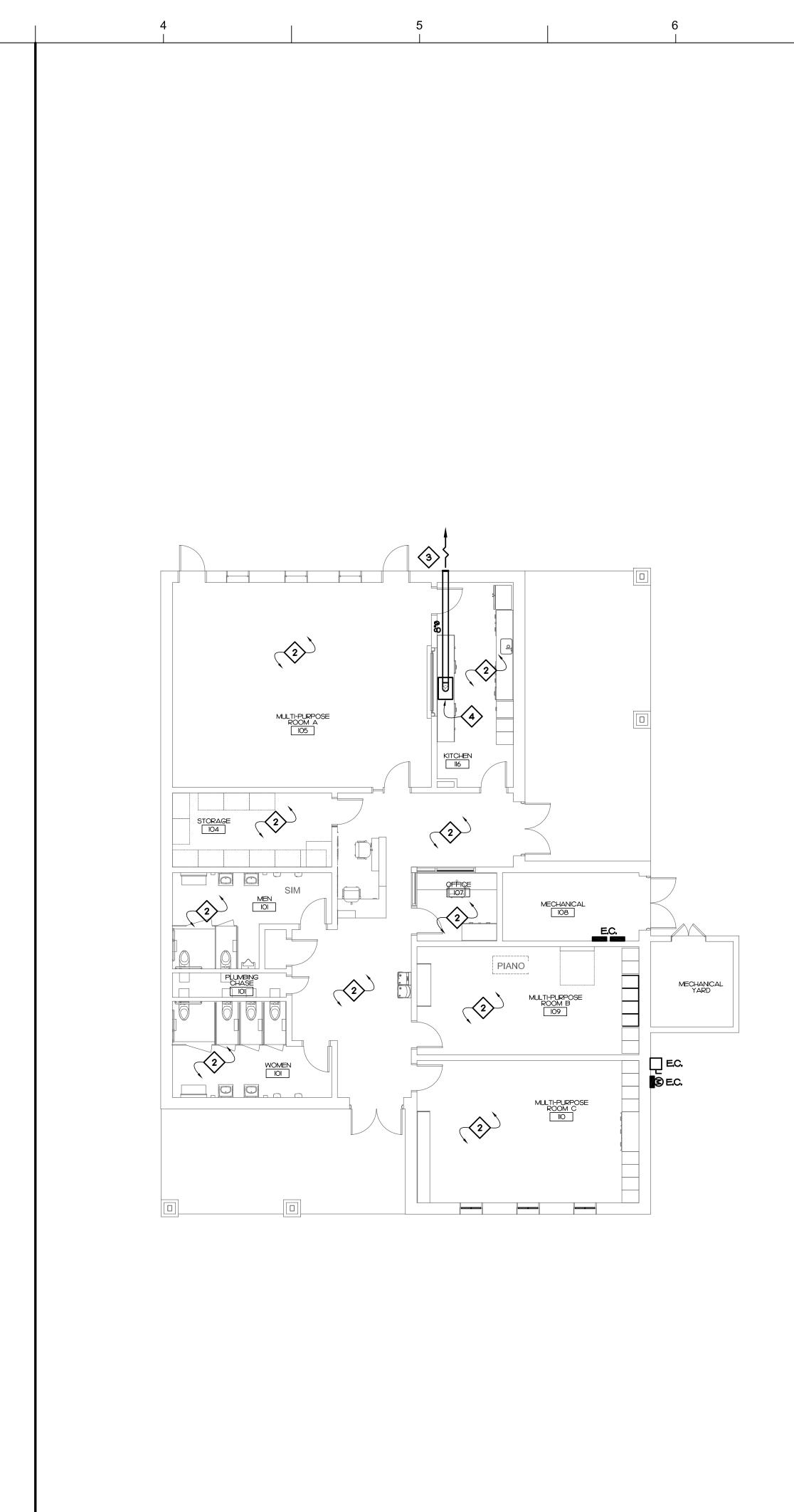
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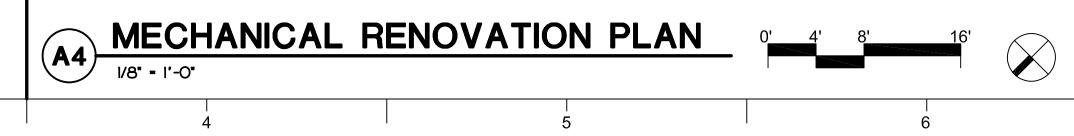
		4		5			6	
						PLU	MBING	FIX1
			Ŀ.	SYMBOL / MAGE S-I	DESCRIPTION SINK FAUCET	MANUFACTURER KRAUS KRAUS	MODEL NUMBER KHU24L KPF-1610	MANUFAC LORDEAR KOHLER
Office Use Only ion Received://20 anted: Yes □ No □ /20 of Compliance n Required	_		PLUM	BING SCHEDULE NOTES AND	<u> McGUIRE PROWRA</u>) LEGEND:	Moguire Moguire JUST GAUGE STAINLESS STI SUPPLY KIT SHALL INC AP INSULATOR, PROVIDE	<u>e with sprayer, i</u>	KOHLER KOHLER ELKAY DECK MOU ATED BRASS DISHWASHER
tion Coordinator			د 2 ج ط، وسل ۲	THE PLUMBING CONTRACTO SUBMIT CUT SHEETS FOR PROVIDE VACUUM BREAKE REFER TO MANUFACTURES ADA COMPLIANT ELECTRICAL POWER GAS FIRED	ALL PROPOSED FIX TR ON ALL EQUIPMEN	TURES TO ARCHITECT NT REQUIRING PLUMBIN	PRIOR TO BIDDING. IG.	
applicable City of Raleigh Public roved containment backflow ation of any statement is CARO SEAL 049754 P.E. Original Stamp/Seal								
27602 Zip Code								







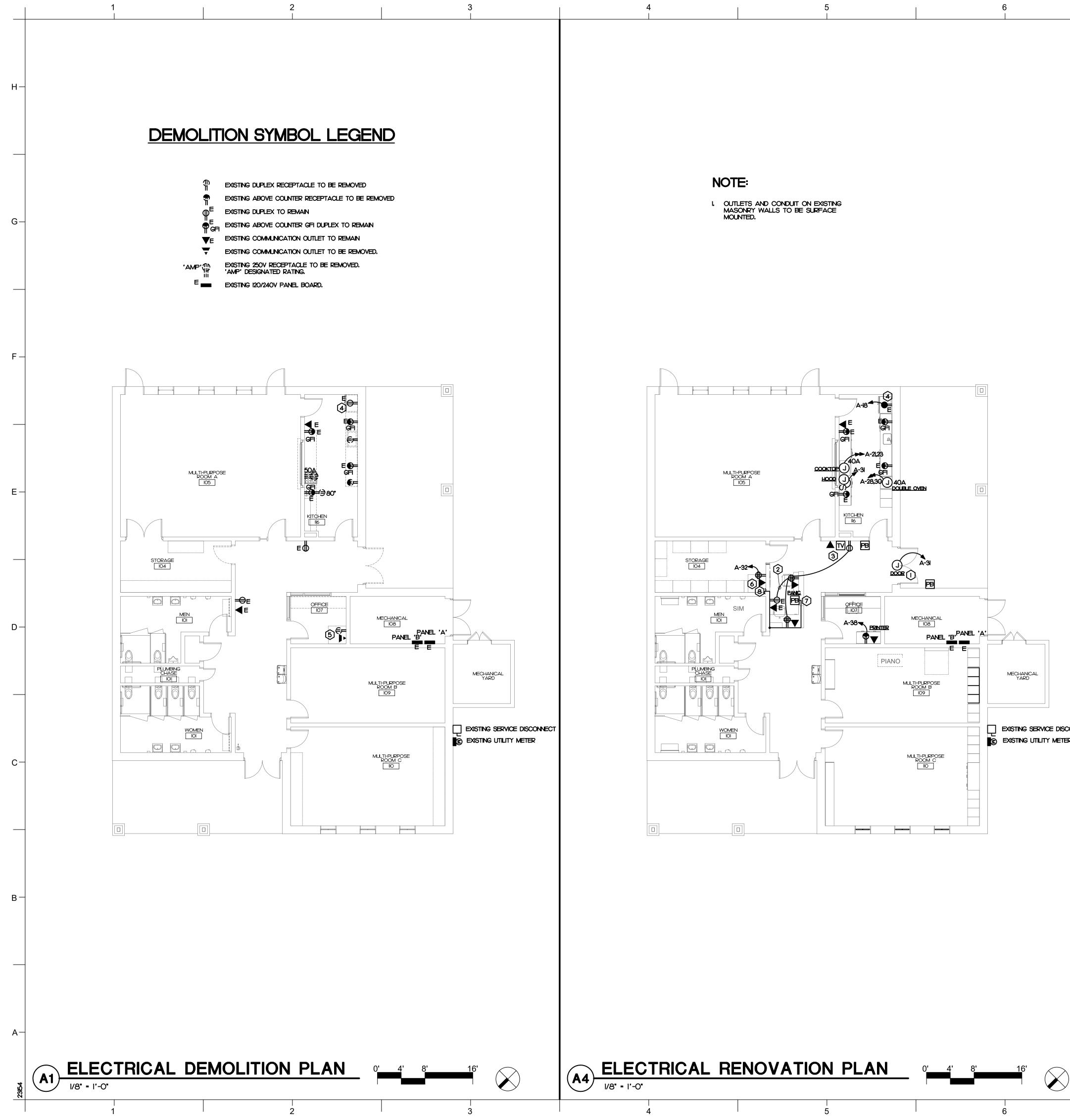


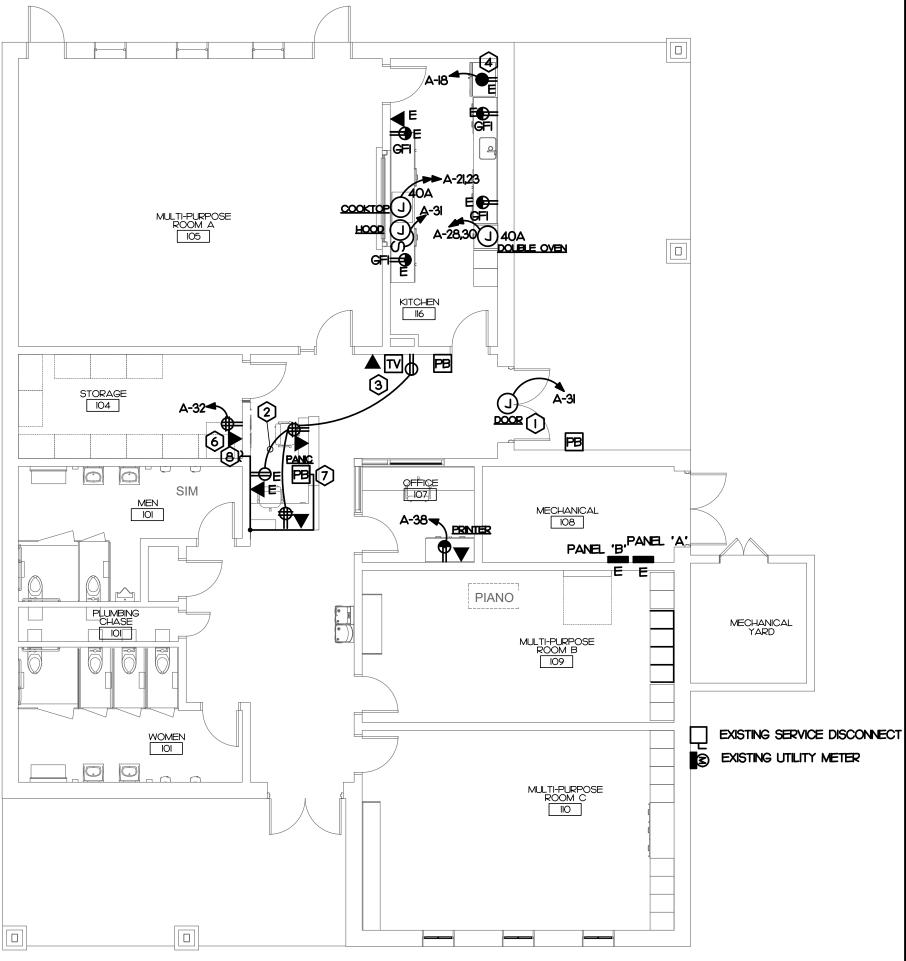


7	8		
MECHANIC	AL KEY NOTES		
REMOVE EXISTING RANGE.			
2 DO NOT ALTER EXISTING AIR DISTRIBUT			
	O EXTERIOR. TERMINATE WITH WALL CAP. ENSURE THAT IS A MINIMUM OF 10'-O" ABOVE FINISHED GRADE.	H	DAVIS KANE
RESIDENTIAL RANGE HOOD PROVIDED E PROVIDE AND ROUTE EXHAUST DUCTWO PROVIDE AND ROUTE EXHAUST DUCTWO	Y GENERAL CONTRACTOR, MECHANICAL CONTRACTOR TO ORK TO EXTERIOR AS SHOWN.		503 OBERLIN ROAD SUITE 300
			RALEIGH, NC 27605 919.833.3737 www.daviskane.com
GENEF	RAL NOTES		PROJECT INFORMATION
I. ALL WORK SHALL BE DONE IN ACCORDAN LOCAL AND OTHER APPLICABLE CODES	CE WITH THE LATEST EDITION OF THE STATE CODE, ALL		
	L BE SECURED AND PAID FOR BY THE MECHANICAL	–G	
	ERIENCED AND SKILLED CRAFTSMAN, THE M.C. SHALL OTHER CONTRACTORS,		
PURCHASING MATERIALS AND INSTALLATIC	IONS SHALL BE THOROUGHLY REVIEWED PRIOR TO IN, ALL DISCREPANCIES OR INTERFERENCES SHALL BE		
	AY NOT SHOW MINOR DETAILS AND LOCATIONS, FOR		
	AL FLANS. . ELECTRICAL STARTERS, INTERLOCKS, CONTROL WIRING. DVIDE POWER WIRING, CONDUIT FROM THE DISCONNECT TO		Щ _–
M.C. EQUIPMENT, THE M.C. SHALL BE RESI	PONSIBLE FOR ALL FINAL CONNECTION TO HIS EQUIPMENT.		
OPERATE FREE OF OBJECTIONABLE NOISE		– F	
LEAVE CLEAN ALL EXPOSED EQUIPMENT I			
9. ALL DUCTWORK SIZES SHOWN ARE ACTU DUCT WITH 3" FOIL-BACKED INSULATION FO	AL SHEET METAL DIMENSIONS. EXTERNALLY WRAP ALL OR A MINIMUM OF R-8.,		PD. COVAT OVAT V OF RAL
SVMB	OL LEGEND		
SYMBOL		_	ЧЧС
	SHEET METAL DUCT		Щ
			Ω
		E	
		-	
			SEALS
			TH CARO
MECHANICAL SYSTEMS, SERVICE			ATLANTEC RO ENGINEERS PA No. C-961
EQUIPMENT METHOD OF COMPLI PRESCRIPTIVE	ANCE ENERGY COST BUDGET	-D	
THERMAL ZONE 4A			
EXTERIOR DESIGN CONDITIONS winter dry bulb: 16°F summer dry bulb:93°F relative humidity: 46%			Harrison Hold RO
INTERIOR DESIGN CONDITIONS			SEAL 22035
winter dry bulb: 70°F summer dry bulb: 74°F relative humidity: 50%			WGINEER ST
BUILDING HEATING LOAD: BLOC	-		11/13/2023
BUILDING COOLING LOAD: BLOC MECHANICAL SPACING CONDITIO		-c	DKA JOB NUMBER 2319
Unitary: description of unit:			REVISIONS
heating efficiency: cooling efficiency: heat output of unit: cooling output of unit:	SCHEDULES ON SHEET(S) THIS SHEET		
Boiler: NA total boiler capacity. If overs	zed state reason.		
Chiller: NA total chiller capacity. If overs	ized state reason.		
LIST EQUIPMENT EFFICIENCIES: S	EE SCHEDULES ON SHEET(S) THIS SHEET		
EQUIPMENT SCHEDULES WITH MC)TORS (MECHANICAL SYSTEMS)	⊢в	These drawings are the property of Davis Kane Architects, P.A. They may not be reused for any purpose without written permission.
number of phases; minimum efficiency; motor type;	EDULES ON SHEET(S) THIS SHEET	D	Copyright © 2018 by Davis Kane Architects, P.A. All rights reserved. PA: JBD
			PM: JHH Drawn By: JHH
DESIGNER STATEMENT To the best of my knowledge and bellef,	the design of this building complies with the mechanical		Plot Date: 10/30/2023
systems, service systems and equipment re DocuSigned by:	equirements of the North Carolina State Energy Code,		DATE ISSUED
SIGNED: Harrison Holt			
NAME: <u>J. Harrison Holt, PE</u>			
TITLE: <u>Professional Engineer</u>		-A	SHEET TITLE MECHANICAL PLAN

3

M100





KEY NOTES

(2) CONNECT TO EXISTING 120V CIRCUIT.

- \bigcirc FIELD COORDINATE EXACT HEIGHT OF TV WITH ARCHITECT.
- EXISTING REFRIGERATOR RECEPTACLE TO REMAIN. EXISTING BRANCH CIRCUIT TO BE PROTECTED BY GFI BREAKER.
- 5) EXISTING IT/DATA RACK TO BE RELOCATED, SEE PICTURE AND NOTE BELOW.
- (6) RELOCATED IT/DATA RACK. EXTEND/MODIFY EXISTING DATA CABLING TO NEW LOCATION.
- (7) COORDINATE EXACT REQUIREMENTS OF PANIC BUTTON WITH SECURITY VENDOR. PANIC BUTTON TO CALL POLICE WHEN PUSHED.
- (8) APPROXIMATE 3/4" CONDUIT ROUTING FOR PANIC BUTTON, FIELD COORDINATE EXACT ROUTING AND TERMINATING LOCATION SECURITY VENDOR.



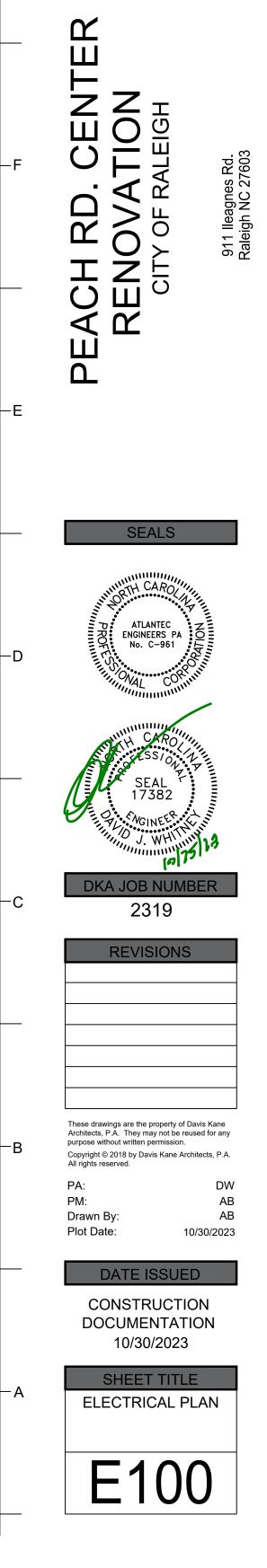
ROJECT INFORMATIO

EXISTING DATA RACK

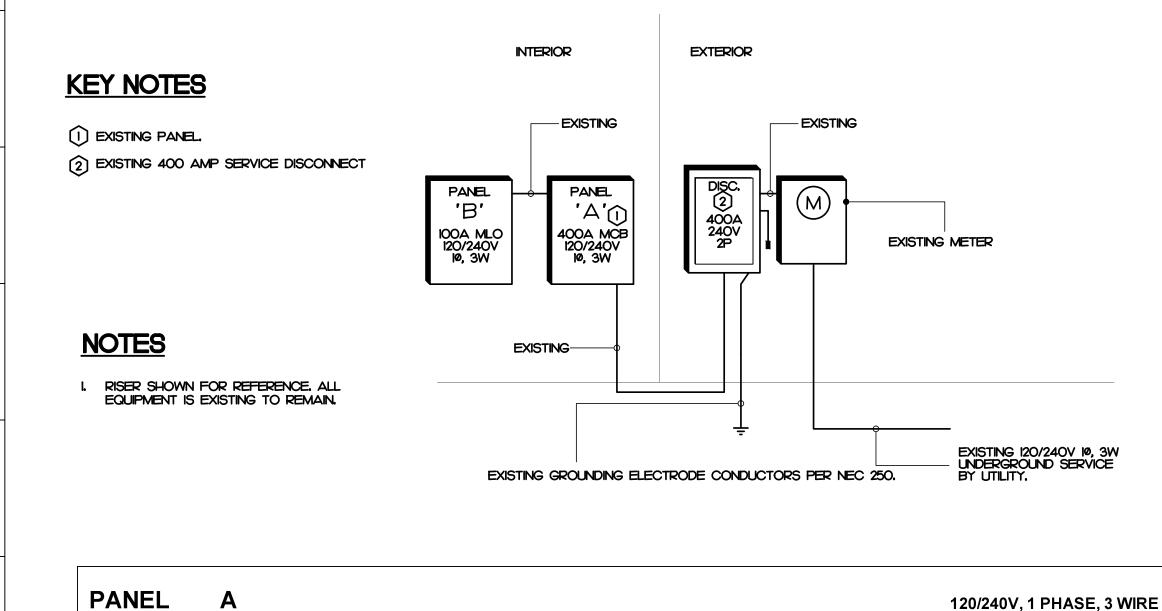


NOTE:

I. EXISTING DATA RACK TO BE RELOCATED. RELOCATE ALL EXISTING CAT 6 CABLES AND TV CABLES FROM EXISTING LOCATION TO THE NEW LOCATION. ANY CABLES THAT ARE NOT OF SUFFICIENT LENGTH TO BE RELOCATED SHALL BE REPLACED AND RE-PULLED. SPLICING OF CABLES IS NOT ACCEPTABLE.







СКТ		DESCRIPTIO	N	KVA	C	G	W	СВ	CKT		СКТ	СВ	W	G	C	KVA		ESCRIPTION	N	CKT
1	AHU-1			5.9	E	E	E	60	1		2	20	12	12	1/2	0.5			ADA DOOF	२ 2
3	1			5.9			E	2P	3		4	20	E	E	E	0.8			LTS	5 4
5	AHU-2			5.9	E	E	E	60	5		6	20	E	E	E	0.8			LTS	5 6
7				5.9			E	2P	7		8	20	E	E	E	0.8			LTS	S 8
9	HP-1			4.8	E	E	E	50	9		10	20	E	E	E	0.8			LTS	S * 10
11				4.8			E	2P	11		12	20	E	E	E	0.8				S [12
13	HP-2			5.8	E	E	E	60	13		14	25	E	Е	E	2.3		WATE	ER HEATEF	र 14
15				5.8			E	2P	15		16	2P	E			2.3				16
	AHU-2			2.2	E	E	E	30	17		18	20	E	E	E	1.0	NOTE 2	REFF	RIGERATOF	र 18
19				2.2			Е	2P	19		20	20	E	E	E	0.5				C 20
	COOK TOP		NOTE 3,4,5		3/4	10	8	40	21		22	20	E	E	E	0.5				C 22
23				3.8			8	2P	23		24	20	E	E	E	0.2			SECURIT	(24
	MICROWAVE			1.0	E	Е	Е	20	25		26	20	E	E	E	0.2			HOT BO	X 26
	COFFEE			1.0	E	E	E	20	27		28	40	8	10	3/4	4.6	NOTE 3,4	DOL	JBLE OVEN	V 28
29	RECEPTACLE			0.5	E	E	E	20	29		30	2P	8			4.6				30
	HOOD		NOTE 4	0.4	1/2	12	12	20	31		32	20	12	12	1/2	0.5		NE	EW IT DATA	
	HAND DRYER			1.0	E	E	E	20	33		34	100	E	E	E	9.2			PANEL E	
	HAND DRYER			1.0	E	E	E	20	35		36	2P	E			7.2				36
	HAND DRYER			1.0	E	E	E	20	37		38	20	12	12	1/2	0.5			PRINTEF	
	HAND DRYER			1.0	E	E	E	20	39		40	20	E	E	E	1.0			6, PATH LTS	
41	RECEPTACLE			0.5	E	E	E	20	41		42	20	E	E	E	1.0		PARKING	6, PATH LTS	5 42
			1		-															
DES	CRIPTION	CONNECTER		DEMAND			MINI										MOUNTING			
		KVA	FACTOR	KVA	1		MAIN										NCLOSURE			
	T. LOAD	12.50	125%	15.63	1	42 K	MINIM	um ai	C RA	TIN	G					GROUND E				
	EPTACLE	13.88	100%/50%	11.94	4										•		LEOB USE AS		• • •	\frown
	S/COOLS	29.04	100%	29.04										(THE T	OTAL DEN	IAND LOAD IS	S NOT CONTI	INUOUS	
HEA		23.00	80%	18.40										<u> </u>	\frown	~~~	~ ~ ~		<u>~ ~ ^</u>	
	ER HEATER	0.00	100%	0.00		-												CONNECTED		
	IPMENT	0.90	100%	0.90									S EXIS					PHASE A:		7 KVA
	HEN EQUIP.	24.78	65%	16.11]2. RE								BREAK	KER				PHASE B:	50.	4 KVA
	CIAL EQ.	0.00	100%	0.00	3. PF	ROVID	e with	H LOC	K ON	PR	OVISIO	ΟN								
	OF LARGEST HV	AC/MOTOR		2.75			VAILA				EMOL	TION						TOTAL:		1 KVA
TOT				94.76	5. PF	ROVIDI	E NEW	V BRE	AKER	2								DEMAND	39	5 AMP

D

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	4		5 		6
		<u>SYMBOL</u>	LEGEND		
	<u>SYMBOL</u>	DES	CRIPTION	<u>REMARKS</u>	
	S	SINGLE POLE TOGGLE SWITCH, MOUNT 42° A.F.F. UNLESS NOT	ED OTHERWISE.	HUBBELL CS1221-** NPJI COVER PLATI	
	φ	SPECIFICATION GRADE DUPLEX MOUNT 16" A.F.F. UNLESS OTHER	TAMPER RESISTANT RECEPTACLE. WISE NOTED.	HUBBELL HBL5362 NPJ8 COVER PLA	
	GFI	SPECIFICATION GRADE TAMPER MOUNT 16" A.F.F. UNLESS NOTED	RESISTANT GFCI RECEPTACLE OTHERWISE.	HUBBELL GFTRST2 NPJ26 COVER PL4	
	Ŧ	SPECIFICATION GRADE DUPLEX MOUNT 4" ABOVE COUNTER/BA	TAMPER RESISTANT RECEPTACLE CKSPLASH	HUBBELL HBL5362 NPJ8 COVER PLA	
	GFI	SPECIFICATION GRADE TAMPER MOUNT 4" ABOVE COUNTER/BA	RESISTANT GFCI RECEPTACLE. CKSPLASH	HUBBELL GFTRST2 NPJ26 COVER PL4	
	Ŧ	SPECIFICATION GRADE DUPLEX MOUNT 16° A.F.F. UNLESS OTHER FED FROM GFCI CIRCUIT BREAK	WISE NOTED.	EXISTING	
	J	JUNCTION BOX SIZED PER N.E.C			
	마	DISCONNECT SWITCH SEE PLAN	IS FOR SIZE AND TYPE	SQUARE D HEAVI	' DUTY
	\frown	NEW CONCEALED WIRING		PER N.E.C.	
	<u> </u>	LOW VOLTAGE WIRING FOR OC	CUPANCY SWITCH AND POWER PACK.	PER N.E.C.	
		UNSWITCHED LIGHTING CONDUC	TOR	PER N.E.C.	
		HOME RUN TO PANEL BOARD NUMBERS OF ARROW INDICATE	CIRCUITS	PER N.E.C.	
, 3W	-	120/240V 10, 3W PANEL BOARD	- SEE PANEL SCHEDULES	EXISTING	
	M	ULITY METER BASE		EXISTING	
	T	TV OUTLET - MOUNT 16" A.F.F. U STUB 3/4" CONDUIT TO ACCESS OUTLET, COVER PLATE AND WI	SIBLE CEILING OR ATTIC SPACE.	SINGLE GANG BOX HUBBELL NPJ13 CC PLATE	
	▼	COMMUNICATION OUTLET - MOL STUB 3/4" CONDUIT TO ACCESS OUTLET, COVER PLATE AND WI	INT 16° AF.F. UNLESS OTHERWISE NOTED BILE CELING OR ATTIC SPACE. RING BY OTHERS.	SINGLE GANG BOX HUBBELL NPJI3 CC PLATE	()VER
E, 3 WIRE	PB	ADA PUSH BUTTON FOR AUTOM FURNISHED BY GC INSTALLED BY			
CKT DOOR 2 LTS 4 LTS 6	PB	PANIC PUSH BUTTON TO CALL F FURNISHED BY GC INSTALLED BY	POLICE WHEN PUSHED. (EC. MOUNT AT 42° AFF.		

NOTE:

EXISTING 120/240V 10, 3W UNDERGROUND SERVICE

LTS 8 TS 10

395 AMP

BY UTILITY

E.C. SHALL SUBMIT CATALOG SHEETS FOR COLOR AND MATERIAL APPROVAL OF ALL SWITCH, RECEPTACLE AND WALL PLATE TO ARCHITECT PRIOR PURCHASING ANY.

GENERAL NOTES

I. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR FLOOR PLAN DIMENSIONS. DO NOT SCALE THESE DRAWINGS.

2. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ANY AND ALL WORK WITH OTHER TRADES INVOLVED IN THE PROJECT, PRIOR TO THE INSTALLATION OF HIS EQUIPMENT SO AS TO AVOID CONFLICTS DURING CONSTRUCTION AND TO ALLOW FOR OPTIMUM MAINTENANCE AND WORKING SPACE.

3. USE OF THE CONDUIT SYSTEM FOR EQUIPMENT GROUNDING SHALL NOT BE ACCEPTABLE. A SEPARATE GREEN GROUND WIRE SHALL BE RUN WITH THE CIRCUIT CONDUCTORS IN EACH CONDUIT. 4. ALL BREAKER SIZES, SHOWN FOR MECHANICAL EQUIPMENT, SHALL BE VERIFIED BEFORE THE PURCHASE OR INSTALLATION OF SAID EQUIPMENT, WITH THE EQUIPMENT SUPPLIER AND THE MECHANICAL CONTRACTOR.

5. ALL WORK AND MATERIAL SHALL BE PROVIDED IN ACCORDANCE WITH THE STATE, LOCAL AND NATIONAL CODES, ORDINANCES AND 2020 NATIONAL ELECTRICAL CODE (NFPA 70).

6. EACH CONTRACTOR SHALL PROVIDE HIS OWN SUPPORT OF ALL DEVICES AND EQUIPMENT PROVIDED BY HIM AND SHALL SUPPORT SUCH EQUIPMENT PER APPROVED GOVERNING CODES OR PER APPROVAL OF THE ENGINEER, UNACCEPTABLE WORKMANSHIP OR MATERIALS SHALL BE REPLACED AT THE REQUEST OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

THE MOUNTING HEIGHTS AND LOCATIONS OF ALL WALL MOUNTED OUTLETS AND JUNCTION BOXES SHALL BE REVIEWED AND COORDINATED WITH THE ARCHITECT, PRIOR TO INSTALLATION FOR USE WITH THE ACTUAL EQUIPMENT, CASEWORK, AND MILLWORK TO BE FURNISHED.

8. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY DISCONNECTS, SWITCHES, AND RECEPTACLES UNDER THE ELECTRICAL BID AND SHALL INCLUDE ALL NECESSARY CIRCUITS TO AND FINAL CONNECTIONS TO THE EQUIPMENT PROVIDED BY ALL SUPPLIERS. <u>SEE DETAILS FOR CONNECTION</u> TO EQUIPMENT PROVIDED BY MECHANICAL AND PLUMBING CONTRACTORS.

PENETRATION:
WHERE ELECTRICAL EQUIPMENT PENETRATES RATED WALLS AND CEILINGS, EXTERIOR WALLS, THEY SHALL BE PROPERLY SEALED PER APPROVED UL METHODS,
WHERE ELECTRICAL EQUIPMENT PENETRATES EXTERIOR WALLS, THEY SHALL BE PROPERLY SEALED WITH METHODS APPROVED BY THE ENGINEER, SUBMIT DETAIL OF PROPOSED SEALING METHODS. IO. ALL PERMITS AND INSPECTION FEES SHALL BE SECURED AND PAID BY THE ELECTRICAL CONTRACTOR.

II. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR. 12. THE CONTRACTOR SHALL PROVIDE COMPLETE UPDATED TYPEWRITTEN PANEL SCHEDULES FOR ALL PANELBOARDS.

13. AS BUILT DRAWINGS SHALL BE GIVEN TO THE OWNER AT THE COMPLETION OF THE PROJECT.

14. THE CONTRACTOR SHALL VERIFY THE CEILING TYPES WITH THE GENERAL CONTRACTOR PRIOR TO THE PURCHASE OF ANY LIGHT FIXTURES SO THAT THE PROPER TRIM WILL BE PROVIDED FOR ALL FIXTURES. ANY DIFFERENCES WILL BE THE RESPONSIBILITY OF THIS CONTRACTOR.

15. ALL WIRE SIZES INDICATED ON THE PANEL SCHEDULES ARE BASED ON 75 DEGREE COPPER THHN/THWN WIRE, ALL WIRE TERMINALS AND EQUIPMENT SHALL BE LISTED AND APPROVED FOR 75°C. ONLY THWN-2 WIRE SHALL BE INSTALLED IN WET AND EXTERIOR LOCATION.

16, MINIMUM CONDUIT SIZE SHALL BE 1/2" AND MINIMUM WIRE SIZE SHALL BE #12 AWG. 17. ARMORED CABLE (TYPE AC) AND METAL-CLAD CABLE (TYPE MC) ARE ACCEPTABLE WIRING METHODS SUBJECTED TO THE FOLLOWING RESTRICTIONS:
SEE NEC 320 AND 330 FOR RESTRICTION.
PENETRATIONS OF RATED WALLS SHALL BE IN ACCORDANCE WITH APPROVED UL PENETRATION

METHODS.
CABLE SHALL NOT BE USED FOR HOME RUN TO PANEL BOARD.
CABLE SHALL ONLY BE INSTALLED IN CONCEALED SPACE AND FURRED AREAS. MAX. LENGTH OF EACH SECTION IN ACCESSIBLE CONCEALED CEILING SPACES SHALL NOT EXCEED 10 FT.
WHERE REQUIRED BY NEC 517.13, CABLE SHALL BE LISTED FOR THE USE.

18. THE MAXIMUM NUMBER OF HOMERUNS IN A CONDUIT SHALL NOT EXCEED THREE (3), FEEDING CIRCUITS WITH SHARED NEUTRAL SHALL BE SWITCHED TOGETHER.

19. WHERE OUTLETS ARE SHOWN BACK TO BACK ON RATED WALLS, STAGGER OUTLETS SO THAT THEY ARE SEPARATED BY A MINIMUM OF 24". 20. ALL DISCONNECTS SHALL HAVE SEPARATE NEUTRAL AND GROUND BARS.

21. ALL PANELS SHALL BE THREE PHASE, FOUR WIRE UNLESS OTHERWISE NOTED.

22. BOXES AND CONDUITS SHALL NOT BE INSTALLED RECESSED IN A 3-HOUR OR HIGHER RATED WALL. WHEN OUTLETS ARE INDICATED ON THESE WALLS, FIELD COORDINATE CONDUIT AND BOX INSTALLATION. 23. FOR ALL RECEPTACLES LOCATED ABOVE COUNTER TOP, MOUNTING HEIGHT SHALL COMPLY WITH ANSI AII7.I, SECTION 308. E.C. SHALL FIELD VERIFY CASEWORK DETAIL WITH ARCHITECT PRIOR TO ROUGHIN.

24. ELECTRICAL IDENTIFICATION ELECTRICAL IDENTIFICATION
 FURNISH AND INSTALL ENGRAVED LAMINATED PHENOLIC NAMEPLATES FOR ALL SAFETY SWITCHES, PANEL BOARDS, TRANSFORMERS, SWITCHBOARDS, MOTOR CONTROL CENTERS AND OTHER ELECTRICAL EQUIPMENT SUPPLIED FOR THE PROJECT FOR IDENTIFICATION.
 FURNISH AND INSTALL SELF-ADHESIVE PLASTIC TAPE FOR ALL RECEPTACLE AND WALL SWITCH COVER PLATES INDICATING CIRCUIT NUMBERS.

25. PRIOR TO CONNECTING ANY NEW RECEPTACLES TO EXISTING CIRCUITS, THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY THAT NO MORE THAN 10 RECEPTACLES ARE CONNECTED TO A 20 AMP CIRCUIT. AFTER RECONNECTING ALL NEW AND RELOCATED LIGHT FIXTURES THE ELECTRICAL CONTRACTOR SHALL MEASURE THE CONNECTED LOAD FOR EACH LIGHTING CIRCUIT TO INSURE THAT NO MORE THAN 16 AMPS IS CONNECTED TO A 20 AMP CIRCUIT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF EITHER OF THE ABOVE CONDITIONS CAN NOT BE ACHIEVED.

26. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CIRCUIT CONTINUITY TO ALL LIGHTING, DEVICES AND EQUIPMENT NOT SUBJECT TO REMOVAL. PROVIDE ADDITIONAL CONDUIT AND WIRING AS REQUIRED.

27. RELOCATE AS NECESSARY ALL EXISTING CIRCUITS FOUND PASSING THROUGH THE AREA OF CONSTRUCTION, AND WHICH ARE PRESENTLY IN USE IN OTHER PARTS OF THE BUILDING UNAFFECTED BY THIS PROJECT PHASE, TO MAINTAIN THE CONTINUITY OF SERVICE AND GROUNDING, AND TO CONCEAL THEM ABOVE NEW CEILINGS.

28. WHERE EXISTING EQUIPMENT AND DEVICES SHALL BE REMOVED, THE CONTRACTOR SHALL REMOVE ALL THE ASSOCIATED CONDUIT AND CONDUCTORS THAT SHALL NOT REMAIN IN OPERATION BACK TO THEIR RESPECTIVE SOURCE OR TO THE POINT ON A SHARED CIRCUIT FROM WHERE THE EQUIPMENT OR DEVICE IS SERVED.



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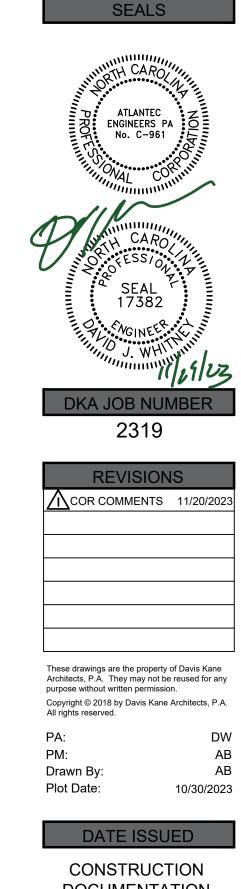
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DOCUMENTATION 10/30/2023



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