Community manor / pendleton estates: 1321-1325 vine street

| PROJECT INFORMATION

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1. PROJECT LOCATION 2. DESCRIPTION	1321-1325 VINE STREET CINCINNATI, OH 4520 PROJECT IS BUILDING	2 IMPROVEMENTS				NC
	RESIDENTIAL BUILDING WILL REMAIN THE SAM NEW EXTERIOR WORK WINDOWS. NEW INTE	ie. Includes masc	DNRY REPAIRS, I	NEW ENTRY DOORS	s, and new	1. 2. 3.
	BATHROOM FIXTURES, ALSO INCLUDE NEW F NEW OUTLETS, SWITCH	IVAC UNITS (EXIS	TING DUCTWO	rk to remain), ne		4. 5.
	PROJECT IS PURSUING IS PART OF THE CONS			s. the approved f	PART 2 NARRATIVE	6. 7. 8.
3. GOVERNING CODES	2007 OBC (QHIQ BUIL CINCINNATI BUILDING	DING CODE)				o. 9. 10
4. ZONING DESIGNATION	CC-P COMMERCIAL C PARKING - NO OFF-ST	2		IISTORIC DISTRICT		T(
5. CONSTRUCTION TYPE	TYPE:	<u>Existing</u> IIIB		PROPOSED IIIB		
	ROOF: EXTERIOR BEARING: INTERIOR BEARING: INTERIOR PARTITIONS: FLOOR:	wood Masonry wood		WOOD - NO NEW MASONRY - NO N WOOD - NO NEW WOOD - NO NEW WOOD - NO NEW	EW WORK WORK WORK	<u>A</u>
6. USE GROUP OCCUPANCY	BASEMENT:	EXISTING UTILITY UNOCCI	UPIED	PROPOSED UTILITY UNOCCUP	IED	
	FIRST FLOOR: SECOND FLOOR: THIRD FLOOR: FOURTH FLOOR: ATTIC:	R-2 RESIDENTIAL R-2 RESIDENTIAL R-2 RESIDENTIAL R-2 RESIDENTIAL UNOCCUPIED	-	R-2 RESIDENTIAL R-2 RESIDENTIAL R-2 RESIDENTIAL R-2 RESIDENTIAL UNOCCUPIED		
7. HEIGHT AND AREA	R-2 RESIDENTIAL:	ALLOWABLE 55', 4 Stories, 1 GSF @ Occupa		ACTUAL 67', 4 STORIES, 4,03 OCCUPANTS	32 GSF (FOOTPRINT)	(
8. OCCUPANT LOAD / SF 9. INTERIOR FINISH RATINGS	R-2 RESIDENTIAL: R-2 RESIDENTIAL:	24,457 GSF @ 2 FLOORS		= 123 OCCUPANT		
			STAIRWAYS & EXIT PASSAGEWA	ENCLOSURE FOR EXIT	ENCLOSED SPACES	
		CLASS II + PILL TEST ¹	CLASS B	CLASS B	CLASS C	A
10. FIRE RESISTANCE RATINGS		1. PILL TEST AS D	DEFINED BY OBC		PER OBC	A
	SEPARATION BETWEEN (HORIZONTAL ASSEMB		1-HR ¹ (FXIST	- ING UNKNOWN)	420.3, 711	
	SEPARATION BETWEEN	N R-2 & ENT				A
	(HORIZONTAL ASSEME EXIT STAIR ENCLOSURE		·	'ING UNKNOWN)	420.3, 711	A
	4 STORIES (FIRE BARRII		2-HR ² REMAIN, 2004		707,713 S FOR THE LAST	A
	RENOVATION OF ASSEMBLIES AND EXISTING NON-CO	THIS BUILDING IN FIRE RATINGS HO OMPLIANT CONE	IDICATE 1-HOU DWEVER, ARE U DITION TO REMA	R FLOOR-CEILING A NKNOWN AND MA AIN. MODIFICATION ATING REQUIREMEN	ASSEMBLIES. THE AY CONSTITUTE AN AS AT THESE	A: A:
	LAST RENOVATIO ACTUAL EXISTING MAY CONSTITUTE	n of this buildin Assemblies and Existing non-c E does not exte	NG INDICATE 2- D FIRE RATINGS COMPLYING CO END TO THE BAS	IN. 2004 PERMIT DE HOUR WALL ASSEM , HOWEVER, ARE U DNDITIONS TO REM EEMENT LEVEL, AN I	MBLIES. THE NKNOWN AND AIN. THE EXISTING	A; A; A; A;
11. AUTOMATIC SPRINKLER SYSTEM	THE BUILDING IS CURR AND WILL REMAIN UN EXTINGUISHER HAVING	RENTLY NOT PROT	ected with an Ch unit shall f	BE PROVIDED WITH		А4 А4
12. EXITS	BASEMENT: (1) EXISTIN	G EXIT STAIR IS PF	ROVIDED.			A
	DWELLING UNITS, FLO PROVIDED VIA ONE E	XIT STAIR AND ON	NE FIRE ESCAPE	•		A
13. FIRE ALARM AND DETECTION SYSTEMS	THE BUILDING IS CURR REMAIN UNPROTECTE				л and will	A
	EXISTING SMOKE DETE SMOKE/CARBON MO		ORS IN SAME LO			A
14. FIRE SUPPRESSION	WATER CURTAINS ALC ESCAPE ARE REQUIRE OPENINGS ALONG TH SPRINKLER HEADS PER ACCEPTED "ALTERNAT FOLLOWING REQUIRE	DNG FIRE ESCAPE D TO BE PROTECT IE FIRE ESCAPE SH CINCINNATI DEF TIVE ENGINEERED	E PER OBC 340 TED WITH 3/4 H HALL BE PROTEC PARTMENT OF E D DESIGN'' IN AC	OUR OPENING PRO CTED WITH "WATER BUILDINGS AND INS	DTECTIVES. THE CURTAIN'' TYPE PECTIONS)
	SHALL SUBMIT TO FROM THE SPRINK SPRINKLER HEAD	THE DEPARTMEN (LER HEAD MANU TYPE AND SPACI	IT OF BUILDING: JFACTURER VER NG WILL PROV	FOR THIS ADDRESS, S AND INSPECTION IFYING THAT THE P IDE 100% GLAZING I ROOM IN WHICH	s, a letter roposed coverage.	/ A1))
	CURTAIN SPRINKL (ELECTRICAL AND TO COORDINATE	ER SYSTEM IS INS ⁻ D FIRE ALARM / FI 	TALLED TO PRO RE PROTECTION	TECT A WINDOW (N IS DESIGN BUILD.	OPENING CONTRACTOR) ^{A2})
\langle	CURTAIN SPRINKL ALARM SYSTEM (S	ER SYSTEM IS INS SEE ITEM #13 BELO	TALLED SHALL B OW).	E INTERCONNECTE	ED TO THE FIRE	,) (A3
	TO THE OTHER SM DWELLING UNITS, REQUIRED FOR W	NOKE DETECTORS ONLY THE SMOK ATER CURTAINS	WITHIN THE SA E DETECTOR(S) ARE TO BE INTEF	ARDWIRED AND INT ME DWELLING UNI WHICH ARE INSTA RCONNECTED TO T	T. INSIDE LLED AS THE FIRE ALARM;	
>	THE OTHER SMOK BUT NOT TO THE F • PLASTIC PIPING S	IRE ALARM SYSTE	EM.	ITERCONNECTED T	\cup Each Uiher, \langle) (A4
>	DWELLING UNIT FIRE E FIRE EXTINGUISHER HA				TH A PORTABLE) A5
15. ACCESSIBILITY		TYPEA A DWELLI		NOT REQUIRED IN E		
						, (0

PROJECT	SUM	MARY						PROJE	ЕСТ РН	OTOS			GRAPH
Address 1. 1321-1325 Vine Street 2. 1320-1322 Republic 3. 519 Dandridge 4. 521 Dandridge 5. 523 Dandridge 6. 527 Dandridge 7. 1221 Jackson 8. 2155 Loth 9. 1609 Pleasant 10. 15 Back	ITTED UNDER S	I BEDROOM	2-bed 11 4 1 1 3* 8*	. PROJECT SU 3-bed 4 2 2 3 2 2 2 2 4	MMARY INCLUDE	5-bed	CE ONLY. Total Jumber of Units 11 8 4 4 3 4 4 5 3 15		1	2			
Total * INDICATES A SENSORY-IN DRAWING IN ARCHITECTURAL A0.0a COVER SHEET, INDEX, LOCATI ABBREVIATION A0.0b PROJECT NOTE A0.1a OHFA LIMITED SUSTAINABILITY A0.1b OHFA LIMITED SUSTAINABILITY A0.1c OHFA DESIGN FEATURES FOR A0.1d OHFA DESIGN A0.1d OHFA DESIGN FEATURES FOR A0.1d OHFA DESIGN FEATURES FOR A0.2 TYPICAL FLOO FINISH SCHEDU A0.3a DOOR SCHEDU A0.4a WINDOW DETA A0.4b WINDOW DETA	GENERAL N ON PLAN, S S SCOPE REHA SCOPE REHA STANDARD SCOPE REHA STANDARD AND CONST M AND CONST M AND CONST M AND CONST M AND CONST M AND CONST M AND CONST M AND CONST M AND CONST M AND CONST M CONST FLOC	OTES, DRAWI YMBOLS, & ABILITATION S ABILITATION S RUCTION RUCTION SSEMBLIES, DTES TES TES TES TES TES TES	27 WO (2) TOTAL A6 NG A6 SI S1. S1. S1. S2. PI. P1. P1. P1. P1. P1. P1. P1. P1. P1. P1	21 PROVIDED IN 0 TYPICA CABINI APPLIA 1 TYPICA BATHRO 0 BASEM FLOOR 1 FOURTH 0 DETAILS 0 DETAILS 1 FOURTH 0 DETAILS 1 FOURTH 1 PLUMBI 2 PLUMBI 3 PLUMBI 5 PLUMBI	2 PROJECT. AL INTERIOR EL ET INFORMATI NCE SCHEDU AL INTERIOR EL DOM ACCESS ENT, FIRST, SEC NEW WORK F H, FIFTH, & RO S, GENERAL N OR REFERENCE NG FIRST FLO ING FIRST FLO ING FOURTH F ING FIFTH FLO ING DETAILS	ON, KITCHEN LE EVATIONS, SORIES SCHED COND, & THIR PLANS OF NEW WOR OTES OTES OR PLAN FLOOR PLAN COR PLAN	61 TCHEN DULE RK PLANS	A Second seco	OTO STO STO STO STO STO STO STO	PHOTO PHOTO () () PHOTO PHOTO () PHOTO () PHOTO () PHOTO	PHOTO	STREET GE STREET GE STREET GE STREET GE STREET N STREET EEET T STREET	
 A2.1 SECOND AND PLAN A2.2 FOURTH FLOOF DEMOLITION P A3.0 BASEMENT NEV A3.1 FIRST FLOOR NE A3.2 SECOND FLOOF A3.3 THIRD FLOOR NE A3.5 ATTIC NEW WO A3.6 ROOF NEW WO A4.0 EAST AND WES A4.1 NORTH AND SO ELEVATIONS A4.2 NORTH AND SO DEMOLITION EI A5.0 EAST AND WES A5.1 NORTH AND SO ELEVATIONS A5.2 NORTH AND SO WORK ELEVATIONS ALTERNATES 	R, FIFTH FLOC LAN W WORK PLA EW WORK PL DR NEW WOR NEW WORK F DRK PLAN DRK PLAN T DEMOLITIC DUTH DEMOL DUTH COURT LEVATIONS T NEW WOR DUGH NEW N	DR, AND ROC N AN RK PLAN PLAN N ELEVATION TYARD K ELEVATION	N M1 DF M1 M1 M1 M1 M1 M1 M1 M2 ELE ET: E1. E1. E1. E1. E1. E1. E1. E1.	.0 MECHA .1 MECHA .2 MECHA .3 MECHA .3 MECHA .4 MECHA .5 MECHA .5 MECHA .6 MECHA .0 MECHA .0 MECHA .0 MECHA .1 ELECTR 1 ELECTR 3 ELECTR 4 ELECTR 5 ELECTR 6 ELECTR 0 ELECTR	ANICAL BASEM ANICAL FIRST I ANICAL FIRST I ANICAL FIRST ANICAL FOUR ANICAL FOUR ANICAL FIFTH ANICAL ROOF ANICAL DETAI OR REFERENCE CAL POWER CAL POWER CAL POWER CAL POWER CAL POWER CAL POWER CAL POWER CAL POWER CAL POWER CAL DETAILS	PLAN ND PLAN PLAN TH PLAN PLAN SPLAN LS E ONLY) BASEMENT PL FIRST PLAN SECOND PLAN FOURTH PLAN FOURTH PLAN ROOF PLAN	N						CONT. CON CPT. CAR CSMT. CASE C.F. CUBIC D DEEP DIA. DIAM DIM. DIMEI DEMO DEMO D.H. DOUE DR. DOOU DW DISHV DWG. DRAV EA. EACH ELEC. ELECT ELEV. ELEVA EQ. EQUA EQUIP. EQUA EQUIP. EQUA EQUIP. EQUA EQUIP. EQUA EQUIP. EQUA EQUIP. EQUA
 A1: BATHROOM WALL TILE N REPLACE ISOLATED DA. WAINSCOT WITH PREFE MANUFACTURER'S INST A2: BATHTUB TILE SURROUN REPLACE ISOLATED DA. SURROUND WITH PREFE MANUFACTURER'S INST A3: ALTERNATE MEDICINE C PROVIDE LARGER MED TOP LIGHTED SLIDING E 24" x 19-1/2". HD SUPPL SCONCE ABOVE BATHI A4: NOT USED A5: SITE CONCRETE REPAIR AREAS OF SITE CONCR CRACKS. CONTRACTO CONCRETE TO DETERM SCOPE OF WORK. A6: PROFESSIONAL DUCTWORK 	MAGED TILES. R RRED RESURFAC RUCTIONS. D - MAGED TILES. R ERRED RESURFAC RUCTIONS. CABINET - ICINE CABINET - I	CING PRODUCT	A8: * PER A8: * PER A8: A9: A9: A10: SITE	ALL BATHROO EXISTING FAUC ELECTRICAL RE REPLACE EXIST GFI RECEPTAC ONLY IF REQU RECEPTACLES REPLACED WIT MOTION-SENS CONTRACTOF ALL BASEMENT IN COMMON NEW FINISHES UNITS, CONTR, EXISTING FINISH WORK. *PREFERRE 1. MIDW PROTE 2. HAWK INC	ECEPTACLES - TING GFI RECEPT/ CLES IN EXISTING F IRED BY CODE. A TO REMAIN. ALL TH NEW. SOR LIGHTING IN R TO PROVIDE MO	ACLES ONLY. INST RECEPTACLE LOC ALL OTHER EXISTIN COVER PLATES TO BASEMENTS - DTION-SENSOR LIO NON AREAS ONLY DNTRACTOR TO P N DRAWINGS. IN IDE NEW FINISHES ED OR IMPACTED PRODUCTS:	TALL NEW CATIONS NG O BE GHTING IN Y - PROVIDE DWELLING S ONLY IF						FLG. FLOO FLR. FLOO FRMG. FRAM FT FOOT FTG. FOOT GA GAUX GALV. GALV G.C. GENE GYP. GYPS H HIGH HR HOUE HM HOLL HVAC HEATI LO. INSID IN INCH HSUL. INSUL LONC

PRO.	JECT	SUM	MARY	,					PROJECT PH	IOTOS			GR
NOTE: EACH BU	JILDING SUBI	MITTED UNDER S			N. PROJECT SU	JMMARY INCLU	JDED FOR REFE	RENCE ONLY.	LAND CARLON				
Addro		EFFICIENCY	1 BEDROOM	2-bed	3-bed	4-bed	5-bed	Total Number of Units					↓
2. 1320-1322 Rep 3. 519 Dandridg	public		2	4	4			8					
4. 521 Dandridge	je		1	1	2			4					
5. 523 Dandridge 6. 527 Dandridge	le		2		3			3 4					
7. 1221 Jackson 8. 2155 Loth		1	1		2 2	1	2	4 5				And the first state of the second state of the	
9. 1609 Pleasant 10. 15 Back	t		1	3 *	4	1	1	3 15			3		
			7 IT ALLOCATED.	27			3	61	PHOTO	РНОТО	РНОТО	PHOTO	
						FROJECI.							1HR2
	/ER SHEET,	GENERAL N ION PLAN, S`	OTES, DRAW YMBOLS, &	ING	APPLIA	et informa NCE SCHEE	ATION, KITCH DULE	IEN					
A0.0b PRO.	\sim	es		_		AL INTERIOR OOM ACCE							
A0.1b OHF	ainabilit) A limited	y standard	s abilitation		FLOOR	ENT, FIRST, S NEW WORI	k plans	THIRD	S (5) PHOTO	6 PHOTO	(7) PHOTO	(8) PHOTO	ГГ [.]
A0.1c OHFA FEAT A0.1d OHFA FEAT	A DESIGN TURES FOR A DESIGN TURES FOR	AND CONST M AND CONST M	TRUCTION			S, GENERAL						PHOTO KEY: 1. 1321-1325 VINE STREET 2. 1320 REPUBLIC STREET 3. 519 DANDRIDGE STREET 4. 521 DANDRIDGE STREET	ľ
A0.2 TYPIC	CAL FLOO	PR/CEILING A	ASSEMBLIES,	\ —	UMBING (FC		<u>CEONLY)</u>	2				 5. 523 DANDRIDGE STREET 6. 527 DANDRIDGE STREET 7. 1221 JACKSON STREET 8. 2155 LOTH STREEET 9. 1609 PLEASANT STREET 	
A0.3a DOC A0.3b DOC	DR SCHEDI	ULE AND NO	otes	P1 P1 TAULS P1	.2 PLUMB	ING FIRST FL ING SECON ING THIRD F	D FLOOR PL		9	10		10. 15 BACK STREET	
A0.4a WINE A0.4b WINE A2.0 BASE	DOW DETA	AILS	\sim		.5 PLUMB	ING FOURTH ING FIFTH FL ING DETAILS	OOR PLAN		PHOTO	рното			
PLAN	1			M		 :	\sim	X	PROJECT LC	CATION			ΑB
A2.1 SLCC PLAN A2.2 FOUR	1			M	1.0 MECH			Ν		8		Α	ADJ.
	OLITION P		JR, AND KO	M	1.2 MECH				W R ATT W				A.F.F. ALT. ALUM.
	FLOOR N	EW WORK PI	LAN	м	 1.4 MECH, 1.5 MECH, 1.6 MECH, 	ANICAL FIFT	H PLAN						APPX. ARCH. AVG. B/
A3.3 THIRE A3.5 ATTIC	D FLOOR 1 C NEW WC	DR NEW WOI NEW WORK I DRK PLAN ORK PLAN		M	2.0 MECH	ANICAL DET							BD. BM. BLDG. BLKG. BSMT. CAB.
	AND WES	ST DEMOLITIC)n elevatio Lition	NS E1 E1	.2 ELECTR	RICAL POWE RICAL POWE	er first plai Er second	N PLAN					CLG. CLOS. CMU COL. CONC.
A4.2 NOR		OUTH COURT ELEVATIONS	IYARD	E1 E1 E1	.4 ELECTR	RICAL POWE RICAL POWE RICAL POWE	er fourth p Er fifth plai	LAN N					CONT. CPT. CSMT. C.F. D
A5.1 NOR			K ELEVATION WORK		.0 ELECTR	RICAL POWE RICAL DETAI RICAL DETAI	LS	۸N					DIA. DIM. DEMO D.H. DR.
A5.2 NOR			IYARD NEW										DW DWG. EA. ELEC. ELEV.
	NATES												EQ. EQUIP. EXIST. F.E. FDN.
WAINSCOT	solated da	MAGED TILES. R ERRED RESURFAC	RESURFACE TILE CING PRODUCT		BATHROOM P ALL BATHROC EXISTING FAU	om pedestal si		N. REPLACE					FIN. FLG. FLR. FRMG. FT FTG.
A2: BATHTUB TI REPLACE IS SURROUNE	ile surroun Solated da d with prefe	ID - MAGED TILES. R ERRED RESURFA	RESURFACE TUB CING PRODUCT	(ELECTRICAL R REPLACE EXIS GFI RECEPTAC	ECEPTACLES - TING GFI RECE CLES IN EXISTIN	G RECEPTACLE	LOCATIONS					GA GALV. G.C. GYP. H
		$\sim\sim\sim$	\sim	\sim		IIRED BY CODE 5 TO REMAIN. A TH NEW.							HR HDWD. HM
PROVIDE L TOP LIGHTE 24'' x 19-1/2	ARGER MED ED SLIDING ['2''. HD SUPPL	DICINE CABINET	WITH INTEGRAL MEDICINE CABI INATE NEW WAI	NET, 人 A9:	MOTION-SENS	SOR LIGHTING R TO PROVIDE		$\frac{1}{2}$					HVAC HORIZ. I.D.
A4: NOT USED		<u>~ ~ ^</u>	~ ^ ^	A10): INTERIOR FIN								N NSUL.
CRACKS. C	SITE CONCR CONTRACTC	RETE INCLUDES F DR TO EVALUATE	AENT - / PREVIOUSLY REP E CONDITION O D REPLACEMEN	F SITE	NEW FINISHES UNITS, CONTR		ON DRAWING DVIDE NEW FIN	s. in dwelling \langle ishes only if					
SCOPE OF	WORK.				$\overline{}$	ED RESURFACIN	IG PRODUCTS:	\sim					
A6: PROFESSIO Clean All	DNAL DUCTW L DUCTWORI		; -			/est chemicai ecthane	_S -						
					2. HAWK INC	KRESEARCH LA ISOFREE PLUS							
					3. DIVER	SIFIED COATIN	JJ - IJUFKEE						

PROJECT	SUM	MARY	/					PROJECT PH	HOTOS		
IOTE: EACH BUILDING SUB	mitted under s	EPARATE PERM	IT APPLICATIC	DN. PROJECT S	JMMARY INCLU	JDED FOR REFE	RENCE ONLY.				
Address	EFFICIENCY	1 BEDROOM	2-bed	3-bed	4-bed	5-bed	Total Number of Units				
1. 1321-1325 Vine Street			11				11				
2. 1320-1322 Republic 3. 519 Dandridge		2	4	4			8 4		FEELEN		
4. 521 Dandridge 5. 523 Dandridge		1	1	2 3			4				
6. 527 Dandridge		2		2			4				
7. 1221 Jackson 8. 2155 Loth	1	1		2	1	2	4 5				
9. 1609 Pleasant			3 *	Ζ	1	2	3				
10. 15 Back Total	1	1 7	8 * 27	4	1 2	1 3	15	PHOTO	2) PHOTO	(3) PHOTO	(4) PHOTO
* INDICATES A SENSORY-I	•	•				3	61				
		I ALLOCAILD.	100 (2) 1017		FROJECI.						
DRAWING IN	NDEX										
ARCHITECTURAL				6.0 TYPIC							
A0.0a COVER SHEET	, GENERAL N	otes, draw		CABIN	IET INFORMA	ATION, KITCH					TELEG
INDEX, LOCA ABBREVIATIO		(mbols, &	Δ	APPLI/ 6.1 TYPIC/	ANCE SCHEI		,				
A0.0b PROJECT NOT											
A0.1a OHFA LIMITED			\ s	TRUCTURAL							
SUSTAINABILIT				1.0 BASEN	NENT, FIRST, S		THIRD				
A0.1b OHFA LIMITED SUSTAINABILIT			$\langle \rangle$		R NEW WOR		vork plans	PHOTO	РНОТО	РНОТО	РНОТО
40.1c OHFA DESIGN	I AND CONST				S, GENERAL						PHOTO KEY:
FEATURES FOR 0.1d OHFA DESIGN			\leq				\sum_{n}				1. 1321-1325 VINE STREET 2. 1320 REPUBLIC STREET
FEATURES FOR		NUCTION	\mathbf{i}								 1320 REPUBLIC STREET 519 DANDRIDGE STREET 521 DANDRIDGE STREET
											 521 DANDRIDGE STREET 523 DANDRIDGE STREET 527 DANDRIDGE STREET
.0.2 TYPICAL FLOC FINISH SCHEE			(P	LUMBING (F	OR REFERFN	CE ONLYI	\wedge				 527 DANDRIDGE STREET 1221 JACKSON STREET 2155 LOTH STREET
.0.3a DOOR SCHED		TES	₽ P	1.0 PLUME	YING BASEM	ENTPLAN					 2155 LOTH STREET 1609 PLEASANT STREET 15 BACK STREET
0.36 DOOR SCHED					BING FIRST FL BING SECON		AN				
0.4a WINDOW SCH				1.3 PLUME	BING THIRD F	LOOR PLAN	l	9	10		
					3ING FOURTI BING_FIFT <u>H</u> FI		λN	РНОТО	PHOTO		
			 Д (р	2.0 PLUME	$\sim \sim \sim$		$\sqrt{2}$				
2.0 BASEMENT AN PLAN	id fikst fluc					\sim	<u> </u>	PROJECT LC	CATION		
A2.1 SECOND AND PLAN	THIRD FLOO	r demolitic	JNI —	1.0 MECH	_	SEMENT PLAI	N	L	\bigcirc		
2.2 FOURTH FLOC	R, FIFTH FLOC	DR, AND RO) –	MI.1 MECH							
DEMOLITION F	PLAN			11.2 MECH 11.3 MECH				a 3 day have			
3.0 BASEMENT NE	W WORK PLA	N		1.4 MECH						2/L	
A3.1 FIRST FLOOR				11.5 Mech 11.6 Mech							
A3.2 SECOND FLOO A3.3 THIRD FLOOR				12.0 MECH							
A.3.5 ATTIC NEW W			(F				\wedge				
A3.6 ROOF NEW W	ORK PLAN		Ē	1.0 - ElECT	RICAL POWE	R BASEMEN					
4.0 EAST AND WE		_	142		RICAL POWE RICAL POWE						
4.1 NORTH AND S ELEVATIONS	OUTH DEMO	LITION			RICAL POWE						
4.2 NORTH AND S		YARD									
DEMOLITION E	elevations			1.5 ELECT 1.6 ELECT	RICAL POWE RICAL POWE						
5.0 EAST AND WE			IS E	2.0 ELECT	RICAL DETAI	LS		TIDE			
A5.1 NORTH AND S ELEVATIONS	OUGH NEW V	WORK	E	2.1 ELECT	RICAL DETAI	LS					
5.2 NORTH AND S		YARD NEW									
WORK ELEVAT	ions										୶ <mark>ୖ</mark> ¦ <u>⊅</u>
ALTERNATES											
				~ ~ =	<u> </u>	<u> </u>					
1: BATHROOM WALL TILE REPLACE ISOLATED DA		ESURFACE TILE	(A7	: BATHROOM I			\sim				
WAINSCOT WITH PREF MANUFACTURER'S INS	ERRED RESURFAG				om pedestal s		N. REPLACE				
2: BATHTUB TILE SURROU) A8	B: ELECTRICAL F			Ż				
REPLACE ISOLATED DA SURROUND WITH PREF	AMAGED TILES. R		(REPLACE EXIS GFI RECEPTA	STING GFI RECE CLES IN EXISTIN	G RECEPTACLE	LOCATIONS				
			\sim (ONLY IF REQU	JIRED BY CODE S TO REMAIN. A	E. ALL OTHER EX	kisting 🔨				
3: ALTERNATE MEDICINE		WITH INTEGRAI		REPLACED W			<				
PROVIDE LARGER MEI	DOOR MIRROR	MEDICINE CABI	NET, 人 AS	CONTRACTO	SOR LIGHTING R TO PROVIDE		/				
PROVIDE LARGER MED TOP LIGHTED SLIDING 24" x 19-1/2". HD SUPP			$\langle \langle \rangle$	ALL BASEMEN							
top lighted sliding			/ A1	ID: INTERIOR FI		MMON AREAS	1				
top lighted sliding 24" x 19-1/2". Hd Supp Sconce above bath	\sim		\wedge		_ · /						
TOP LIGHTED SLIDING 24" x 19-1/2". HD SUPP SCONCE ABOVE BATH .4: NOT USED			AIRED	NEW FINISHES	AS INDICATED		1				
TOP LIGHTED SLIDING 24" x 19-1/2". HD SUPP SCONCE ABOVE BATH 4: NOT USED 5: SITE CONCRETE REPAIR	rete includes f Dr to evaluate	REVIOUSLY REP CONDITION O	F SITE	NEW FINISHES UNITS, CONTE	S AS INDICATED	OVIDE NEW FIN	ISHES ONLY IF				
TOP LIGHTED SLIDING 24" x 19-1/2". HD SUPP SCONCE ABOVE BATH 4: NOT USED 5: SITE CONCRETE REPAIR AREAS OF SITE CONC CRACKS. CONTRACTO	rete includes f Dr to evaluate	REVIOUSLY REP CONDITION O	F SITE	NEW FINISHES UNITS, CONTF EXISTING FINI WORK.	S AS INDICATED RACTOR TO PRO	OVIDE NEW FIN AGED OR IMPA	ISHES ONLY IF				
TOP LIGHTED SLIDING 24" x 19-1/2". HD SUPP SCONCE ABOVE BATH 4: NOT USED 5: SITE CONCRETE REPAIR AREAS OF SITE CONC CRACKS. CONTRACTO CONCRETE TO DETERM	RETE INCLUDES F DR TO EVALUATE MINE REPAIR ANI	REVIOUSLY RÉP CONDITION O DREPLACEMEN	F SITE	NEW FINISHES UNITS, CONTF EXISTING FINI WORK. *PREFERR	S AS INDICATED RACTOR TO PRO SHES ARE DAM.		ISHES ONLY IF				
TOP LIGHTED SLIDING 24" x 19-1/2". HD SUPP SCONCE ABOVE BATH 4: NOT USED 5: SITE CONCRETE REPAIR AREAS OF SITE CONC CRACKS. CONTRACTO CONCRETE TO DETERN SCOPE OF WORK. 6: PROFESSIONAL DUCTV	RETE INCLUDES F DR TO EVALUATE MINE REPAIR ANI	REVIOUSLY RÉP CONDITION O DREPLACEMEN	F SITE	NEW FINISHES UNITS, CONTF EXISTING FINI: WORK. *PREFERR 1. MIDV PROT	S AS INDICATED RACTOR TO PRO SHES ARE DAM. ED RESURFACIN	OVIDE NEW FIN AGED OR IMPA NG PRODUCTS: LS -	ISHES ONLY IF				

| GRAPHIC SYMBOLS LEGEND

CEILING:

<u>+</u>± X' - X'' A.F.F.

(##X)

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MAX. MECH. MFR. MIN MIN. M.O.

M.R. MW

N NO. NOM. N.T.S. O.C. O.D. OPG. OZ PLWD. PTD. PSF PSI

PT.

R RAD. RCP REF. REQ'D.

REV. R.O. RM. SECT. SPECS

SIM. STD. STL. SSTL. SQ.

T.B.D. TELE. T.M.E. TYP. TV U.N.O. VERT. V.I.F.

W

W/ W/D WD. WDW. WH W.P.

YD

 $\langle \# \rangle$

CEILING HEIGHT TAG

STAIR RUN DIRECTION TAG

— SHEET NO. TAG

– DWG. NO.

— SHEET NO.

— DWG. NO. INTERIOR

- SHEET NO. TAG

REVISION CLOUD WITH REVISION NUMBER TAG

A.X _____ SHEET NO.

A.X_

DWG. NO.

INDICATES SAFETY

REQUIREMENTS.

GLAZING REQUIRED.

WITH "WATER CURTAIN" TYPE SPRINKLER HEAD PER OBC 106.5.

SHEET A0.0a FOR ADDITIONAL

KEYED NOTE (SEE

CENTERLINE

EXISTING PROPERTY LINE EXISTING METAL FENCE EXISTING CHAIN LINK FENCE EXISTING CONSTRUCTION TO BE DEMOLISHED EXISTING CONSTRUCTION TO remain EXISTING PARTIAL HEIGHT WALL to remain NEW WALL - SEE NEW WORK PLANS RATING OF THE ASSEMBLY INDICATES CHANGE IN CEILING HEIGHT \equiv \equiv \equiv EXISTING WINDOW TO BE REMOVED

EXISTING WINDOW TO REMAIN NEW WINDOW

EXISTING DOOR TO BE REMOVED

EXISTING DOOR TO REMAIN

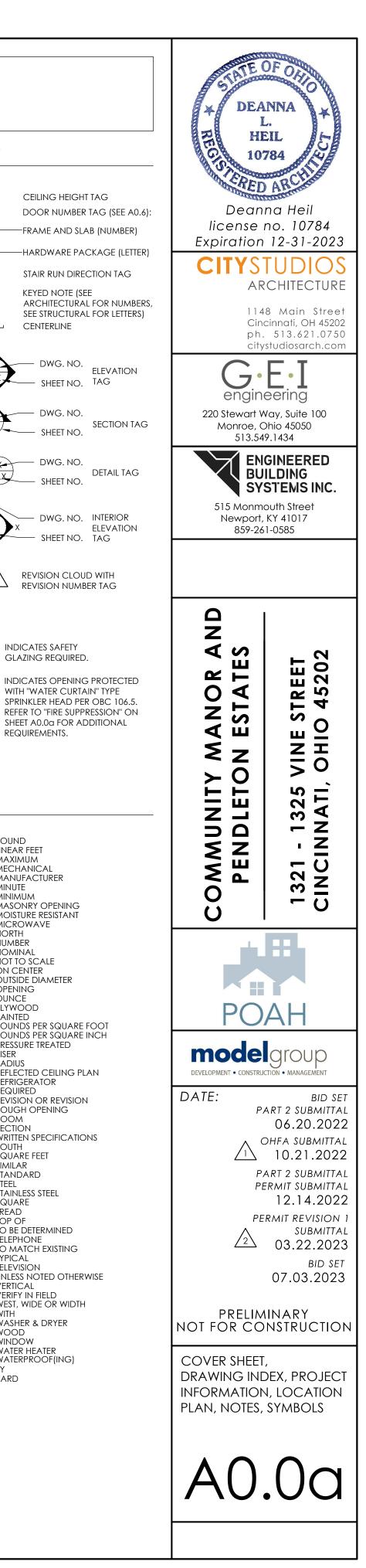
NEW DOOR

DOOR TAG FOR NEW DOOR

BREVIATIONS LEGEND

ADJUSTABLE ABOVE FINISHED FLOOR ALTERNATE ALUMINUN APPROXIMATE ARCHITECT(URAL) AVERAGE BOTTOM OF board BEAM BUILDING BLOCKING BASEMENT CABINET CLOSET CONCRETE MASONRY UNIT COLUMN CONCRETE CARPET CASEMENT CUBIC FEET DEEP OR DEPTH DIAMETER DIMENSION DEMOLISH OR DEMOLITION DOUBLE HUNG DOOR DISHWASHER DRAWING EACH ELECTRIC OR ELECTRICAL ELEVATION EQUAL EQUIPMENT existing FIRE EXTINGUISHER FOUNDATION FINISH(ED) FLOORING FLOOR FRAMING FOOT OR FEET FOOTING GAUGE GALVANIZED GENERAL CONTRACTOR GYPSUM HIGH OR HEIGHT HOUR HARDWOOD HOLLOW METAL HEATING, VENTILATION, & AIR CONDITIONING HORIZONTAL INSIDE DIAMETER INCH(ES) INSULATION OR INSULATED

POUND LINEAR FEET MAXIMUM MECHANICAL MANUFACTURER MINUTE MINIMUM MASONRY OPENING MOISTURE RESISTANT MICROWAVE NORTH NUMBER NOMINAL NOT TO SCALE ON CENTER OUTSIDE DIAMETER OPENING OUNCE PLYWOOD PAINTED POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED RISER RADIUS REFLECTED CEILING PLAN REFRIGERATOR REQUIRED **REVISION OR REVISION** ROUGH OPENING ROOM SECTION WRITTEN SPECIFICATIONS SOUTH SQUARE FEET SIMILAR Standard STEEL STAINLESS STEEL SQUARE TREAD TOP OF TO BE DETERMINED TELEPHONE TO MATCH EXISTING TYPICAL TELEVISION UNLESS NOTED OTHERWISE VERTICAL VERIFY IN FIELD WEST, WIDE OR WIDTH WITH WASHER & DRYER WOOD WINDOW WATER HEATER WATERPROOF(ING) RY YARD



LTERNATIVE ENGINEERED DESIGN APPROVAL	GENERAL PROJECT NOTES
	1. THE GENERAL CONTRACTOR (G.C.) SHALL VERIFY ALL INFORMATION IN THESE DRAWINGS AND SHALL REPORT ANY ERR OMISSIONS, OR DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL A RESPONSIBILITY FOR ANY DEPARTURES FROM THESE PLANS NOT APPROVED IN WRITING BY THE ARCHITECT.
chuof	2. THE ARCHITECT HAS MADE NO INVESTIGATION TO DETERMINE IF ASBESTOS OR ANY OTHER HAZARDOUS MATERIAL IS PR EXISTING CONSTRUCTION AND ASSUMES NO RESPONSIBILITY WITH REGARD TO ASBESTOS OR ANY OTHER HAZARDOUS MATERIAL.
CINCINNATI	3. THE G.C. IS TO REVIEW THESE DRAWINGS AND VISIT THE SITE BEFORE COMMENCING THE PROJECT IN ORDER TO FAMILIA HIM OR HERSELF WITH THE PROPOSED WORK.
February 1, 2023	4. THE G.C. IS TO REMOVE ONLY THOSE ELEMENTS SLATED FOR DEMOLITION EITHER GRAPHICALLY OR BY NOTATION. NO C ELEMENTS ARE TO BE REMOVED. IF THE CONTRACTOR QUESTIONS THE REMOVAL OF AN ELEMENT, OR IF THERE IS A CON BETWEEN THE NOTES AND THE GRAPHICS, CONTRACTOR IS TO ASK THE ARCHITECT IMMEDIATELY.
	5. THE G.C. IS TO PROTECT AND SAVE BUILDING ELEMENTS CONNECTED TO, OR ADJ. TO, THOSE ELEMENTS WHICH ARE SLA BE REMOVED.
City Studios Attn: Deanna Heil, RA 1148 Main Street	6. THE G.C. SHALL NOT REMOVE ANY ELEMENTS WHICH MAY CAUSE THE STRUCTURE TO BECOME UNSTABLE, OR THAT WILL RISK TO PERSONS OR PROPERTY, EVEN IF INDICATED IN PLANS. IF ANY ELEMENTS BECOME UNSTABLE, CONTRACTOR IS TO STABILIZE AND SHALL INFORM THE ARCHITECT/OWNER IMMEDIATELY.
Cincinnati, OH 45202	7. IT IS UP TO THE G.C. TO CONTINUALLY EVALUATE THE STRUCTURAL STABILITY OF THE BUILDING AND THE INTEGRITY OF ELE BOTH STRUCTURAL AND NON-STRUCTURAL THAT ARE SHOWN TO REMAIN. IF THE CONTRACTOR DETERMINES THAT SOME
RE: Alternative Engineered Design request for 1321-1325 Vine Street – APD #2022P10570	THESE ELEMENTS SHOULD BE REMOVED, HE/SHE MUST FIRST RECEIVE PERMISSION FROM THE ARCHITECT/OWNER, OR MA FINANCIALLY RESPONSIBLE FOR THE REPLACEMENT OF THESE ELEMENTS.
Dear Ms. Heil,	8. THE G.C. IS RESPONSIBLE FOR THE REMOVAL OF ALL TRASH AND DEBRIS THROUGHOUT THE WORK. ALL DEBRIS MUST BE REMOVED AND DISCARDED IN A SAFE AND LEGAL MANNER.
This letter is in response to your request for consideration under the 2017 Ohio Building Code (OBC) Section 106.5, Alternative Engineered Design, for the renovations to the building located at 1321 – 1325	9. THE G.C. IS RESPONSIBLE FOR THE PROCUREMENT OF ANY ADDITIONAL MATERIALS, EQUIPMENT, AND PERMITS AND FOR FEES, PENALTIES OR RENTAL COSTS ASSOCIATED WITH THE DEMOLITION WORK.
Vine Street.	 THE G.C. SHALL IDENTIFY, LOCATE AND PROTECT ANY ABOVE AND BELOW-GROUND UTILITIES ON SITE DURING THE COU THE DEMOLITION WORK. UPON COMPLETION, CONTRACTOR IS TO LEAVE ALL UTILITY LINES AND CONNECTIONS IN A ST. PROTECTED STATE.
In your request dated January 9, 2023, you asked for consideration for not installing opening protectives at windows along the fire escapes as required by OCB Section 3406.5. In your Alternative Engineered	 11. THE G.C. IS TO PROTECT THE BUILDING FROM THE ELEMENTS, THEFT AND VANDALISM AT ALL TIMES DURING WORK. 12. NEW REPLACEMENT PLUMBING FIXTURES ARE TO BE INSTALLED. SEE PLUMBING DRAWINGS.
request, you are proposing that water curtains be installed at the 60 existing window openings along the existing fire escape per the following conditions:	 13. NEW REPLACEMENT LIGHT FIXTURES AND ADDITIONAL NEW LIGHT FIXTURES ARE TO BE INSTALLED. NEW REPLACEMENT RECEPTACLES, SWITCHES, AND COVER PLATES ARE TO BE INSTALLED. SEE ELECTRICAL DRAWING. ELECTRICAL WORK TO PERMITTED UNDER A SEPARATE APPLICATION.
 Water curtains are to be installed at the interior of each window along the existing fire escape to protect the opening. 	14. NEW REPLACEMENT HVAC UNITS AND EXHAUST FANS TO BE INSTALLED. SEE MECHANICAL DRAWINGS.
 Sprinkler contractor shall submit documentation demonstrating 100% coverage of the opening to the Department of Buildings & Inspections. 	15. PROVIDE SHOP DRAWINGS FOR CABINETS, COUNTERTOPS, RAILINGS AND EXTERIOR STAIR REPAIR WORK (EXTERIOR STEE AT 1609 PLEASANT STREET ONLY).
• Smoke detectors shall be installed in each room that has a water curtain installed. They shall be interconnected with other smoke detectors in the dwelling unit. Smoke detectors outside of dwelling units shall be connected to the fire alarm system.	16. PROVIDE SUBMITTALS FOR ALL NEW ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL ITEMS.
• Plastic piping shall not be exposed.	<pre> PROJECT REQUIREMENTS </pre>
Based on the factors listed above, we accept the proposed Alternative Engineered Design as equivalent to the code requirements in the OBC for opening protectives, provided that the 60 heads are supplied by a fire line with its own water main tap and sized to support the sprinkler head demand.	THE COMMUNITY MANOR AND PENDLETON ESTATES PROJECT INCLUDES THE FOLLOWING PROPERTIES (EACH SUBMITTED UN SEPARATE PERMIT):
Feel free to contact his office with any questions concerning the approval of your Alternative Engineered Design. I can be reached at 513-352-2424.	1321-1325 VINE STREET 1320-1322 REPUBLIC STREET 519 DANDRIDGE STREET
	521 DANDRIDGE STREET 523 DANDRIDGE STREET 527 DANDRIDGE STREET
Sincerely,	527 DANDRIDGE STREET 1221 JACKSON STREET 2155 LOTH STREET
Art Dahlberg	1609 PLEASANT STREET 15 BACK STREET
Director of Buildings & Inspections	1. THE PROJECT IS PURSUING FEDERAL HISTORIC TAX CREDITS. REFER TO THE APPROVED HISTORIC PART TWO NARRATIVE
attachments: Alternative Engineered Design dated 1/09/2023	SUBSEQUENT APPROVED AMENDMENTS. ALL CHANGES TO WORK PROPOSED IN THE DRAWINGS AND THE HISTORIC PA AND AMENDMENT DOCUMENTATION IS TO BE REVIEWED BY ARCHITECT TO DETERMINE IF PERMITTED BY THE STATE HISTOR PRESERVATION OFFICE (SHPO) AND NATIONAL PARK SERVICE (NPS). AN AMENDMENT TO MAY BE REQUIRED.
cc: Otto Bauer-Nilsen, Senior Building Plan Examiner Robert Martin, Division Manager Building Plan Review	2. THIS PROJECT WILL COMPLY WITH THE OHFA LIMITED SCOPE REHABILITATION SUSTAINABILITY STANDARDS. REFER TO WRI
Chief Kenneth Caldwell, Cincinnati Fire Department Gregory Phelia Jr., District Chief of Fire Prevention/Risk Reduction	 SPECIFICATIONS (SHEETS A0.1a and A0.1b - NOT INCLUDED). THIS PROJECT IS DESIGNED TO COMPLY WITH AND IS TO BE CONSTRUCTED TO COMPLY WITH THE "DESIGN AND CONSTI
Permit Center • 805 Central Avenue, Suite 500 • Cincinnati, Ohio 45202	FEATURES AGREEMENT" (SHEETS A0.1c and A0.1d).
P 513-352-3271 • F 513=352=2579 • www.cincinnati-oh.gov	
	ACCESSIBILITY GENERAL NOTES
	1. <u>SENSORY IMPAIRED UNITS:</u> (15 BACK STREET - UNIT 9 BACK (SHEET A3.1) AND 1609 PLEASANT STREET - UNIT 1 (SHEET A3.1)
	- AS REQUIRED FOR OHFA FUNDED PROJECTS, TWO (2) UNITS (EQUAL TO 2% OF ALL UNITS) ARE TO BE SENSORY COMPATIBLE FOR PERSONS WITH SIGHT AND HEARING DISORDERS. THE FOLLOWING COMMUNICATION FEATURES WILL BE PROVIDED:

- UNIT. DEVICES MUST NOT BE USED FOR ANY OTHER PURPOSE.
- ENTRY DOOR (PEEP HOLE SEE DOOR SCHEDULE).

RADON MITIGATION (DELEGATED DESIGN)

- BASEMENT.
- PASSIVE OR ACTIVE SYSTEM WITH FANS.
- LOCATIONS AND QUANTITY OF FUTURE FANS W/ ELECTRICAL CONTRACTOR AND RADON CONTRACTOR.

ECT NOTES

.) SHALL VERIFY ALL INFORMATION IN THESE DRAWINGS AND SHALL REPORT ANY ERRORS, O THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL ASSUME URES FROM THESE PLANS NOT APPROVED IN WRITING BY THE ARCHITECT. IVESTIGATION TO DETERMINE IF ASBESTOS OR ANY OTHER HAZARDOUS MATERIAL IS PRESENT IN

AWINGS AND VISIT THE SITE BEFORE COMMENCING THE PROJECT IN ORDER TO FAMILIARIZE

dsed work. OSE ELEMENTS SLATED FOR DEMOLITION EITHER GRAPHICALLY OR BY NOTATION. NO OTHER THE CONTRACTOR QUESTIONS THE REMOVAL OF AN ELEMENT, OR IF THERE IS A CONFLICT APHICS, CONTRACTOR IS TO ASK THE ARCHITECT IMMEDIATELY. VE BUILDING ELEMENTS CONNECTED TO, OR ADJ. TO, THOSE ELEMENTS WHICH ARE SLATED TO

IY ELEMENTS WHICH MAY CAUSE THE STRUCTURE TO BECOME UNSTABLE, OR THAT WILL POSE A EVEN IF INDICATED IN PLANS. IF ANY ELEMENTS BECOME UNSTABLE, CONTRACTOR IS TO E ARCHITECT/OWNER IMMEDIATELY.

ALLY EVALUATE THE STRUCTURAL STABILITY OF THE BUILDING AND THE INTEGRITY OF ELEMENTS RUCTURAL THAT ARE SHOWN TO REMAIN. IF THE CONTRACTOR DETERMINES THAT SOME OF OVED, HE/SHE MUST FIRST RECEIVE PERMISSION FROM THE ARCHITECT/OWNER, OR MAY BE HE REPLACEMENT OF THESE ELEMENTS.

PROCUREMENT OF ANY ADDITIONAL MATERIALS, EQUIPMENT, AND PERMITS AND FOR ANY ASSOCIATED WITH THE DEMOLITION WORK.

E AND PROTECT ANY ABOVE AND BELOW-GROUND UTILITIES ON SITE DURING THE COURSE OF COMPLETION, CONTRACTOR IS TO LEAVE ALL UTILITY LINES AND CONNECTIONS IN A STABLE,

AND EXHAUST FANS TO BE INSTALLED. SEE MECHANICAL DRAWINGS. CABINETS, COUNTERTOPS, RAILINGS AND EXTERIOR STAIR REPAIR WORK (EXTERIOR STEEL STAIR

QUIREMENTS

LETON ESTATES PROJECT INCLUDES THE FOLLOWING PROPERTIES (EACH SUBMITTED UNDER

AL HISTORIC TAX CREDITS. REFER TO THE APPROVED HISTORIC PART TWO NARRATIVE AND MENTS. ALL CHANGES TO WORK PROPOSED IN THE DRAWINGS AND THE HISTORIC PART TWO TION IS TO BE REVIEWED BY ARCHITECT TO DETERMINE IF PERMITTED BY THE STATE HISTORIC ND NATIONAL PARK SERVICE (NPS). AN AMENDMENT TO MAY BE REQUIRED.

H THE OHFA LIMITED SCOPE REHABILITATION SUSTAINABILITY STANDARDS. REFER TO WRITTEN ind A0.1b - NOT INCLUDED).

OMPLY WITH AND IS TO BE CONSTRUCTED TO COMPLY WITH THE "DESIGN AND CONSTRUCTION 0.1c and A0.1d).

TY GENERAL NOTES

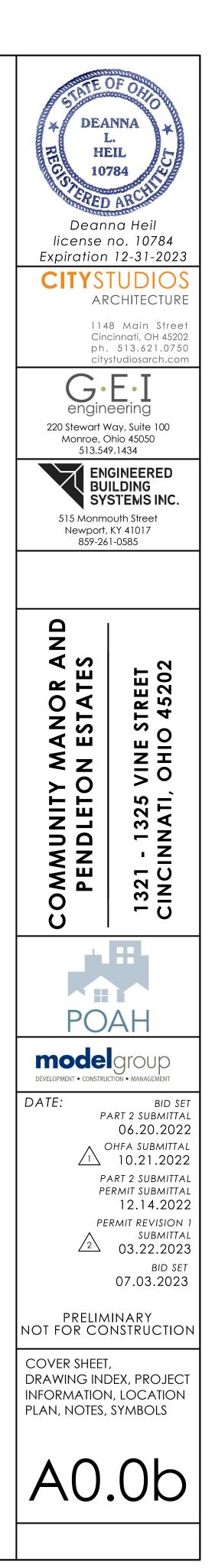
HARD-WIRED ELECTRIC DOORBELL WHICH INITIATES AN AUDIBLE TONE AND VISUAL SIGNAL WITHIN THE DWELLING

 RESIDENTIAL DWELLING UNIT SMOKE DETECTION WITH AUDIBLE AND VISUAL SIGNAL DEVICES. SUCH SIGNAL • MEANS FOR VISUALLY IDENTIFYING A VISITOR (WITH A 180 DEGREE RANGE OF VIEW) WITHOUT OPENING UNIT

1. RADON MITIGATION SYSTEMS ARE TO BE PROVIDE FOR ALL BUILDINGS - DELEGATED DESIGN.

2. PROVIDE SHOP DRAWINGS SHOWING PROPOSED ROUTING. NO EXPOSED PIPING IN OCCUPIABLE SPACES ABOVE THE

3. COORDINATE W/ OWNER FOR SYSTEM REQUIREMENTS. TESTING TO BE PERFORMED TO DETERMINE IF SYSTEM WILL BE 4. PROVIDE POWER TO ROOF FOR POSSIBLE FUTURE RADON FANS - SEE ELECTRCIAL DRAWINGS, AND COORDINATE



SECTION 018113	L. ENERGY STAR Qualified Homes Program Requirements	include high quality caulking with 20-yr life span, polyethylene rod stock, spray foam, gypsum
	https://www.energystar.gov/sites/default/files/ES%20NPR%20v85%202018-05-16_clean.pdf	board, sheet metal, extruded polystyrene insulation and densely packed insulation.
SUSTAINABILITY DESIGN REQUIREMENTS	SUBMITTALS	F. Final Inspections - Upon substantial completion and prior to occupancy, the Green Verifier
Community Manor and Pendleton Estates	A. The contractor shall submit products related to sustainability requirements to the Green Rater/Verifier. All review comment will be returned to the Architect for final approval fo the	will conduct a visual Final Inspection to verify green requirements incorporated in the project. The contractor shall notify the Green Rater at least four (4) weeks prior to the anticipated
PART 1 GENERAL	product.	date for such inspection. Contractor shall provide access to each unit and cooperate with conducting of the test. Additional inspections necessary due to incomplete work shall be
GENERAL CONDITIONS	QUALITY ASSURANCE	back-charged to the Contractor.
A. The General Conditions, Modifications to General Conditions, Supplementary or Special Conditions and any Instructions to Bidders shall apply to all Divisions of work.	 Perform work in accordance with the Limited Scope Rehabilitation Sustainability Standard as prescribed by the Ohio Housing Finance Agency 	
B. The requirements of State, Local or appropriate codes applicable to the work, whichever is the most stringent is a requirement of all Divisions of work.	PART 2 PRODUCTS	ENCLOSURES
		A. Limited Scope Rehabilitation Sustainability Standard worksheet
WORK OF THIS SECTION	PRODUCT SUBSTITUTION	
A. Section includes: 1. Sustainable Project Goals:	A. Thoroughly review any requests for substitution for products that are related to Green Communities prerequisites and credits. Any substitutions may jeopardize the project's ability	
 a. Project must comply with requirement of the Limited Scope Rehabilitation Sustainability Standard as prescribed by the Ohio Housing Finance Agency. 	to obtain certification.	END OF SECTION 018113
B. Contractor shall coordinate work and requirements with Owner Contracted Green Rater/Verifier	PART 3 EXECUTION	
for Green certifications. Pertinent to green certifications the role of the Green Rater/Verifier is to guide the construction team with certification process; review documentation, verify green	LIMITED SCOPE REHABILITATION SUSTAINABILITY STANDARD	
requirements are met; and to perform third-party testing and inspections.	A. Perform work in accordance with requirements of Limited Scope Rehabilitation Sustainability	
REFERENCES	Standard worksheet included at the end of this section.	
 A. American Society of Heating, Refrigerating and Air-Conditioning Engineers: 1. ASHRAE 52.2 - Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size. 2. ASHRAE 62 - Ventilation for Acceptable Indoor Air Quality. 	B. Thoroughly review any requests for substitution for products that are related to the standard. Any substitutions may jeopardize compliance.	
 ASHRAE 90.1 - Energy Efficient Design of New Buildings except Low-Rise Residential Buildings. 	PERFORMANCE TESTING & INSPECTIONS	
4. ASHRAE 129 - Measuring Air-Change Effectiveness.	C. Attic Air Sealing – where applicable: the following areas of building (but not limited to)	
 B. ASTM International: 1. ASTM E408 - Standard Test Methods for Total Normal Emittance of Surfaces Using 	envelope and demising walls shall be sealed, caulked, gasketed, or weather-stripped to minimize envelope leakage:	
Inspection-Meter Techniques.	1. chimnev chases.	
2. ASTM E903 - Standard Test Method for Solar Absorption, Reflectance, and	2. combustion/soil stack chases	
Transmittance of Materials Using Integrating Spheres.	3. open wall tops	
C. Bay Area Air Quality Management District: BAAQMD Regulation 8, Rule 51 - Adhesive and Sealant Products.	4. dropped ceilings	
D. Carpet and Rug Institute: CRI Green Label Testing Program.	 open plumbing walls beneath knee walls 	
E. Forest Stewardship Council: FSC Guidelines- Forest Stewardship Council Guidelines.	7. around ductwork	
F. Green Seal: GS-11 - Product Specific Environmental Requirements.	8. electrical work and	
G. Sheet Metal and Air Conditioning Contractors: SMACNA IAQ - IAQ Guidelines for Occupied Buildings under Construction.	9. attic access points	
H. South Coast Air Quality Management District: SCAQMD Rule 1168 - Adhesive and Sealant	D. Attic Bypass Inspection - The Green Rater will conduct a visual Attic Bypass Inspection and	
Applications.	conduct a infrared scan when the house or dwelling unit is depressurized at 25 Pascals to	
 U.S. Environmental Protection Agency: 1. EPA 832-R-92-005 - Storm Water Management for Construction Activities: Developing 	detect any leaks in the attic. Contractor shall notify the Architect and Green Verifier	
Pollution Prevention Plans and Best Management Practices.	immediately. Contractor shall schedule the inspection with no less than two weeks' notice to the Green Verifier. Contractor shall provide access to each unit and cooperate with	
 EPA Baseline IAQ - Testing for Indoor Air Quality, Baseline IAQ, and Materials Section 01445. 	conducting of the test. Additional inspections necessary due to incomplete work shall be back-charged to the Contractor.	
 EPA 402-K-01-002 – A Step-by-Step Guide on how to Build Radon-Resistant Homes 	E. Attic bypasses are sealed in such a manner that the movement of air is "Essentially	
J. Ohio Housing Finance Agency	Stopped." "Essentially Stopped" means that air leakage will not be detected by an infrared	
1. Limited Scope Rehabilitation Sustainability Standard	scan when the house or dwelling unit is depressurized at 25 Pascals. Materials used for	
K. Enterprise Green Communities	bypass sealing are determined by the size and location of the bypass. These materials	

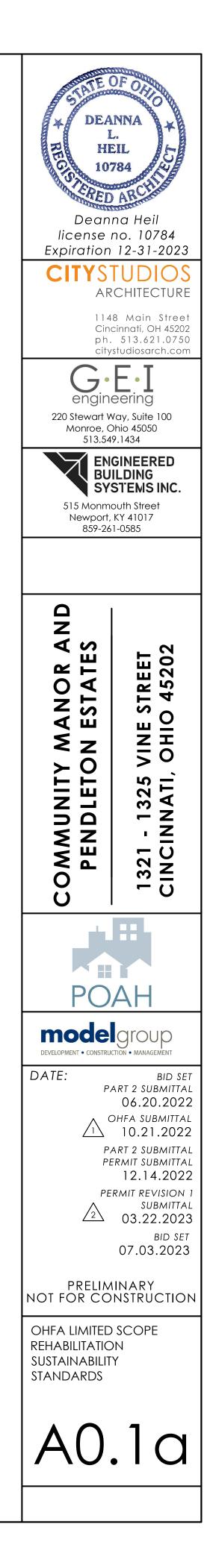
	etter from	PROPOSAL APPLICATION
	nunity Partners and the eservation and Development	The Eligibility section of this document clarifies which properties sh rather than the more comprehensive OHFA Green Standards. The document describes the mandatory measures for each project. To
Dear Partners,		time of project application, project teams will complete the Project form, the Requirements chart, provide any additional information w
he affordable housing industry. The green b hrough the Qualified Allocation Plan and its	has long promoted sustainability best practices in puilding certification programs that OHFA supports forthcoming Design & Architectural Standards are certification is achieved, ensure our properties are	Comments section and sign and date the Project Application: Com Certification section. Project teams will include this completed and project application for Non-Competitive Housing Tax Credits to OF
healthy, safe, durable, energy efficient, envir As these programs are holistic, addressing r properties with modest scopes of work may for new construction and extensive rehabilita	ronmentally responsible and affordable. nearly all systems of a property, retrofitting existing not qualify under these rigorous standards designed	At the completion of the development, the project team will update upon project application. This update will consist of initialing the far Requirements chart to indicate that the item was included in the pr comments within the Project Completion: Comments section, desc signing and dating the Project Completion: Compliance Agreement
	established criteria to follow, limited scope rehab	The project team will submit this form as part of the 8609 form request to the 8609 form request to the second sec
effective level of sustainability as described	properties to achieve a meaningful and cost- within this document. Enterprise's leadership and fforts to create this alternate pathway represent a	These Limited Scope Rehabilitation Sustainability Requirements a single family rehabilitation projects requesting and receiving Ohio H (OHFA) Non-Competitive Housing Tax Credits that are neither new rehabilitation. At OHFA's discretion, new construction buildings or rehabilitation are required to follow the more comprehensive Green
Ve thank all those who submitted public cor prward to incorporating this document into c	nments that shaped the final draft, and OHFA looks our Design & Architectural Standards guide.	the Qualified Allocation Plan (QAP) and/or the Design & Architectu these requirements may be further restricted or modified in OHFA' including but not limited to the QAP, the Design & Architectural Sta Housing Development Assistance Program guidelines.
Respectfully Submitted,	1 1 -	Project Information
RKC	Fitslegger	Project Name and Location Community Manor & F
Kelan Craig	Krista Egger	Brief Description of Scope of Work Community Manor & F the rehabilitation of 10 buildings with a total of 61 apartment units.
Nhio Housing Finance Agency Director of Planning, Preservation and Development	Enterprise Community Partners, Inc., Director, Green Communities	masonry repairs, new entry doors, and new windows. Interior work cabinets and appliances, bathroom fixtures, doors, and wall / ceilin will also include new HVAC (existing ductwork to remain), new ligh
	Elizabeth Richards	and cover plates, and new water heaters.
	Elizabeth Richards	Compliance
	Enterprise Community Partners, Inc. Senior Program Director, Ohio	Development teams should complete a walk-through audit when d in order to ensure all requirements can be met. It is the responsibil all items noted as "Yes" within the Requirements form are incorpor the time of construction completion.

 A steel database A steel database	DN	Requirements At Project Application:						Building I
additional information within the Project Application: At Project Compliance Agreement and use his completed and signed document in their using Tax Credits to OHFA staff. At Project Compliance Agreement and use his completed and signed document in their using Tax Credits to OHFA staff. At Project Compliance Agreement and Question. Instance Agreement and Continuent on the property as designed, adding complete com, describing any discregancies and Completion section. at of the 8009 from request. At Project Tax Mark Tax Staff and Certification section. At Project Tax Mark Tax Staff and Certify the tax Staff and Certify tax Staf	en Standards. The Requirements section of this or each project. To confirm compliance at the	 If the proposed scope of work includes the iter 	m and a	plicable			syst	ny Heating, V tem or item is ciencies as de
In the far right column. In the far right c	ional information within the Project Application:				gned by i	ncluding initials		Cooling equip
Ar Holger Application, mainted and set submitted onsist of Initialing the far-right column of the mass included in the property as designed, adding completion, the property as designed, adding completion section, describing any discrepancies and Completion request. I introject Application, Scope Vost Completion, and of the 8009 form request. I and Scoping and the celling Ohio Housing Finance Agency's edits that are neither new construction nor a gut onstruction buildings on buildings undergoing a gut eo comprehensitive Green Standards as described in the Design & Architectural Standards as described in the classing & Architectural Standards and the Consolidated is guidelines. I being provided, will all new plants be native or adaptive species? Will the new plants be invasive species? Community Manor & Pendleton Estates, Cincinnati Community Manor & Pendleton Estates, Cincinnati is of a partment units, Exterior work includes is of or a guth or college new plant. New work s, doors, and wall / celling repair and paint. New work s, doors, and wall / celling repair and paint. New work s, doors, and wall / celling repair and paint. New work s, doors, and wall / celling repair and paint. New work sork to remain), new light fixtures, new outlets, switch Water Sense label Water Community Manor & Pendleton Estates, switch I to all property of paint and paint. New work to act to replace the goftym speci, in the Comments section]; I to all there of a replace the comment section];						Ū	\boxtimes C	Gas Furnace
Sonsist of initialing the far-right column of the new lanctuded in the property as designed, adding Compliance Agreement and Certification section. art of the 3609 form request. Initials No Initials Ves Initials Certifying Scope Was Executed As Designed. nability Requirements apply to all multifamily and ing and receiving Ohio Housing Finance Agency's edits that are neither new construction nor a gut onstruction buildings undergoing a gut re comprehensive Green Standards as described in the Design & Architectural Standards as described in the Design & Architectural Standards and the Consolidated ng guidelines. If theing provided, will all new plants be native or adaptive species? Will the new plants be appropriate for the site's soil and microclimate? Will none of the new plants be invasive species? Community Manor & Pendleton Estates, Cincinnatii Community Manor & Pendleton Estates, Cincinnatii a guidelines. Water Conserving Fixtures Image: Conserving Fixtures Will all plumbing fixtures, new oxities, witchen a, doors, and wall / ceiling repair and paint. New work for kt to remain), new light fixtures, new oxities, switch Will all plumbing fixtures remaining in the property, or being replaced, meet the following mass for not replacing these fixtures, along with the quantity of fixtures are their grifgem spec, in the Comments section]: Image: Conserving fixtures	Tax Credits to OHFA staff.		At Pro	ject App	lication,			Oil Furnace ≥
Item and Question Item and Question Compliance Agreement and Certification section. art of the 8609 form request. Inability Requirements apply to all multifamily and ing and receiving Ohio Housing Finance Agency's adds that are netther new construction nor a gut onstruction buildings or buildings undergoing a gut re comprehensive Green Standards as described in the Design & Architectural Standards and the Consolidated nguidelines. Community Manor & Pendleton Estates, Clincinnati Community Manor & Pendleton Estates, clincinnati Community Manor & Pendleton Estates, clincinnati Vill all public fixtures remaining in the property, or being replaced, meet the following max flow rates? Work in the quantity of following max flow rates? Nor being replaced, meet the following max flow rates? Nor being replaced, well at a restrict recompetition or the state states and the consolidated in guidelines. Community Manor & Pendleton Estates, Clincinnati Community Manor & Pendleton Estates, new outlets, switch								3oiler ≥ 90 AF
Compliance Agreement and Certification section. art of the 8609 form request. nability Requirements apply to all multifamily and ing and receiving Ohio Housing Finance Agency's edits that are neither new construction nor a gut onstruction buildings or buildings undergoing a gut re comprehensive Green Standards as described in the Design & Architectural Standards. Applicability of ed or modified in OHFA's program guidelines sign & Architectural Standards applicability of ed or modified in OHFA's program guidelines If a new infigation system is included, will it be an efficient system (EPA Water Conserving Fixtures Community Manor & Pendleton Estates, Cincinnati Community Manor & Pendleton Estates, Cincinnati Will all plumbing fixtures remaining in the property, or being replaced, meet Will all plumbing fixtures remaining in the property, or being replaced, meet Will all plumbing fixtures, along with the quantity of fixtures and heir grifyom spec, in the Comments section; windows, includes new kitchen s, doors, and wall / celling repair and paint. New work s, doors, and wall / celling repair and paint. New work s, doors, and wall / celling repair and paint. New work windues, includes new kitchen <		Item and Question	30		NOR	and the second		Heat Pump sh
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nability Requirements apply to all multifamily and If being provided, will all new plants be native or adaptive species? Will the ing and receiving Ohio Housing Finance Agency's If being provided, will all new plants be native or adaptive species? Will none of instruction buildings on dregging a gut If being provided, will all new plants be native or adaptive species? Will none of in comprehensive Green Standards as described in If an ew plants be invasive species? if a new plants be invasive species? If a new infigation system is included, will it be an efficient system (EPA WaterSense), and/or will there be a water reuse system? Community Manor & Pendleton Estates includes in of 41 partment units. Exterior work includes new kitchen s, doors, and wall / ceiling repair and paint. New work so is cheduled for replacement are exempt from this question. However, provide at other for the sites fully of fixtures in the quantity of fixtures and their gpt/gpm spec, in the Comments section]: Will all plumbing fixtures and their gpt/gpm spec, in the Comments section]: If the following max flow rates? [Note: Fixtures lead			Transferred 1					30 gal: .6
If being provided, will all new plants be native or adaptive species? Will the new plants be appropriate for the site's soil and microclimate? Will none of the new plants be appropriate for the site's soil and microclimate? Will none of the new plants be appropriate for the site's soil and microclimate? Will none of the new plants be appropriate for the site's soil and microclimate? Will none of the new plants be appropriate for the site's soil and microclimate? Will none of the new plants be appropriate for the site's soil and microclimate? Will none of the new plants be invasive species? If a new inrigation and Water Reuse If a new irrigation system is included, will it be an efficient system (EPA Water Sense), and/or will there be a water reuse system? Community Manor & Pendleton Estates, Cincinnati Water Conserving Fixtures Image: Community or the quantity of fixtures less than 5 years old which are not scheduled for replacement are exempt from this question. However, provide replace for not replacing these fixtures, along with the quantity of fixtures, new outlets, switch Villial plumbing fixtures and their gpf/gpm spec, in the Comments section]: Image: Community of the section is a section in the quantity of fixtures and their gpf/gpm spec, in the Comments section]:		Landscaping			\boxtimes			60 gal: .5
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In or or apairment units. Extende work includes v windows. Interior work includes new kitchen v windows. Interior work includes new kitchen s, doors, and wall / ceiling repair and paint. New work vork to remain), new light fixtures, new outlets, switch Image: the second secon								omatically adj
s, doors, and wall / ceiling repair and paint. New work /ork to remain), new light fixtures, new outlets, switch Toilets ≤ 1.28 gpf & WaterSense label Utripals < 0.5 apf & WaterSense label		not scheduled for replacement are exempt from this	question	n. Howev	rer,		E	Exposed Boile
Image: Section of the section of	ors, and wall / ceiling repair and paint. New work			he quant	tity of		12	Ductwork carr
Cor	o remain), new light fixtures, new outlets, switch		cuonj.					llow access a
\Box Uringle < 0.5 and 8 MaterSonce label		☑ Toilets ≤ 1.28 gpf & WaterSense label						Domestic hot npletion confi
Ik-through audit when developing application budgets	ough audit when developing application budgets	□ Urinals ≤ 0.5 gpf & WaterSense label					10-10-10-10-10-10-10-10-10-10-10-10-10-1	Forced air sys
met. It is the responsibility of the owner to ensure that	It is the responsibility of the owner to ensure that	⊠ Showerheads ≤ 2.0 gpm & WaterSense label					yea	1944 C
	s form are incorporated fully into the project by						La vene tra-	nsulated cove
		Kitchen laucets ≤ 2.0 gpm						c) sleeves. Th ty to the wall
I Lav faucets ≤ 1.5 gpm & WaterSense label		\boxtimes Lav faucets \leq 1.5 gpm & WaterSense label						



Limited Scope Rehabilitation Sustainability Standards

ding Performance Standard, HVAC Equipment			
g, Ventilating and Air Conditioning (HVA m is being upgraded or replaced, will it/ s described below?			
quipment ≥ 13 SEER			
ace ≥ 95 AFUE (Roof Top 90 AFUE)			
e ≥ 85 AFUE, ENERGY STAR			
) AFUE, ENERGY STAR			
p shall be ENERGY STAR Qualified			
r Heater ≥ these efficiencies:			
l: .63 EF, 40 gal: .61 EF, 50 gal: .59 EF l: .57 EF, 70 gal: .55 EF, 80 gal: .53 EF			
ater Heater ≥ these efficiencies:			
l: .94 EF, 40 gal: .93 EF, 50 gal: .92 EF l: .91 EF, 70 gal: .90 EF, 80 gal: .89 EF			
Heater ≥ these efficiencies: l: .55 EF, 40 gal: .53 EF, 50 gal: .51 EF l: .49 EF, 70 gal: .47 EF, 80 gal: .45 EF			
ling Performance Standard, HVAC Installation			
systems meet the following requireme	nts?		
Boiler Space Heating: Outdoor air rese		s installe	ed to
Boiler Space Heating: Outdoor air rese adjust supply water temperature	t control		
Boiler Space Heating: Outdoor air rese adjust supply water temperature Boiler Pipes: Insulated in compliance wi carrying conditioned air in pitched roof	et control th ASHR attics with	AE 90.1	-2010
Boiler Space Heating: Outdoor air rese adjust supply water temperature Boiler Pipes: Insulated in compliance wi carrying conditioned air in pitched roof ss are insulated minimum R-Value of R hot water boiler and space heating boile	et control th ASHR attics with	AE 90.1- n enougl	-2010 n space
Boiler Space Heating: Outdoor air rese adjust supply water temperature Boiler Pipes: Insulated in compliance wi carrying conditioned air in pitched roof a ss are insulated minimum R-Value of R hot water boiler and space heating boile onfirmed within the past five years	et control th ASHR attics with 8. er system	AE 90.1- n enougl n tune-up	-2010 n space os:
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Boiler Space Heating: Outdoor air rese adjust supply water temperature Boiler Pipes: Insulated in compliance wi carrying conditioned air in pitched roof a ss are insulated minimum R-Value of R hot water boiler and space heating boile onfirmed within the past five years system tune-ups: Completion confirme covers provided for existing or new thro . These covers fit the AC sleeves and A	et control th ASHR attics with 8. er system ed within ugh-wall	AE 90.1 n enough n tune-up the past air cond	-2010 n space os: two itioner



	₩ □				Ligł
If HVAC equipment is being replaced, rather re new equipment be sized in accordance with the of America (ACCA) Manuals parts J and S?				lumens	ght fixtures are pr per watt or ENER SY STAR MFHR (2
Building Performance Standard, Exterior Wall Insulation					of all LED lamps?
For projects with exterior walls with a cavity of a insulation, will those exterior walls be insulated voids in less than five percent of insulated area	to capacity,		ation		Low/No VOC Po
Building Performance Standard, Attic Insulation and Air Sealing				VOC le Quality	vels in grams per Management Dis 50 g/L, Floor ≤ 100
In properties with pitched-roof attics with enoug the following insulation and attic bypass air sea				275 g/L	
properties with pitched-roof attics without enoug	gh space to	allow acce	ess,	Lo	w/No VOC Adh
describe access issues in Comments space be "enough space" is defined as attics ≥ 30 ft ² with an opening of at least 22"x30"]:					adhesives or seala Im VOC limits (G/
Attics insulated to a minimum code R-Value follows: In electrically heated properties with example and in gas-heated properties with existing insul	isting insula	tion less t	han R39	🗆 Indo	or carpet adhesiv
existing insulation, follow the BPI Building Anal insulation R-Value which assumes R-3.7/in for	yst Standard	Is and typ	ical	Carp	et pad adhesives
for un-faced, unmarked batt installation).					loor carpet adhes
☑ Attic bypasses air sealing in properties wher added. Bypass is defined as any building air lea	akage pathw	ay betwe	en		d flooring adhesi
conditioned and unconditioned areas. Attic byp not limited to chimney chases, combustion/soil	stack chase	s, open w	all tops,	🗆 Rubl	per flooring adhe
dropped ceilings, open plumbing walls, beneatl electrical work and attic access points. Attic by				Subt	loor adhesives o
manner that the movement of air is "Essentially Stopped" means that air leakage will not be de when the house or dwelling unit is depressurize	, Stopped." " tected by an	Essentiall infrared s	y scan	⊠ Cera	mic tile adhesive
used for bypass sealing are determined by the bypass. These materials include high quality ca	size and loc	ation of th	е	VCT	and asphalt tile
polyethylene rod stock, spray foam, gypsum bo polystyrene insulation and densely packed insu	bard, sheet n				all and panel ad
Appliances				Mult	purpose constru-
If washers, dishwashers and/or refrigerators ar	e being prov	ided, are	these	⊠ Struc	ctural glazing adł

"No" in the Requirement these items has been		application. This update will consi chart to indicate that the item was the PROJECT COMPLETION: CO and dating the PROJECT COMPI section. Submit this form as part of Project Completion: O If the project representative is not the item was not implemented as
Sign as owner, agreeir By execution of this for certifies that the inform		Project Completion: Compliance Agreem Sign as owner, certifying that the By execution of this form, signee certifies that the information contatte execution and delivery of this Operations and Maintenar Name of Organization Authorized Signature Printed Name Title Date

	Composite Wood Products that Emit Low or No Formaldehyde		Clothes Dryer Exh	
east 40-60 ollow the	If interior composite wood products are included such as	s cabinetry plywood	If new dryers are being provided ventilation be ducted to the exteri	or existing dryers are being replaced, will the or with rigid ductwork?
ogram or	particle board, oriented strand board or medium density composite wood products be compliant with California 9	overlay, will the	Combustion Equipn	nent 1 🛛 🖾 🗆
	exposed edges be sealed with a low VOC sealant?			space or water heating equipment be direct vented? [Check "No" if <i>any</i> remaining or new
	Environmentally Preferable Flooring 1			ve venting. Only check "N/A" if there is no
l to the following outh Coast Air s ≤ 50 g/L, Non-	If new flooring is being provided, will a hard surface matuused at entryways, laundry rooms, bathrooms, kitchens/ utility rooms?		Combustion Equipn	nent 2 🛛 🖾
Clear woods ≤			team developed a combustion ac	uipment is to remain, has the development tion plan that includes post-construction
	If carpet (including pad and adhesives) is being provided Carpet and Rug Institute's Green Label and Green Labe		Combustion Safety Requirements	the event testing reveals unsafe CO levels? s / Testing Protocols must be per RESNET / and Development Work Orders or BPI re for Vented Appliances
e the following	Environmentally Preferable Flooring 3		Operations & Maintenance	The set of
	If hard surface flooring is being provided, will it be ceram hardwood? Or will it comply with the Scientific Certificati FloorScore program?		maintenance guidelines, which in guidance relevant to each of the a	the project have written operations and clude inspection, replacement and turnover above sections in this document? And have
	Exhaust Fans: Bathroom		shared this document with OHFA available <u>here</u> .	at time of project completion? Templates
	If being replaced, will all new bath exhaust fans be ENE exhausted to the outdoors; and connected to a light swit humidistat, timer or other control?			
	Ventilation			
	If an abandoned mechanical ventilation system exists, h investigated and re-commissioned per the two-step met			
	 Identification of cause of failure: either mechanic (system broken) or human error (maintenance fa system shut-off). 	A STATE OF		
	 Identification of remedy: either restore/replace/re or require manuals and education for management staff or include tenant education in resident manuals 	ent and maintenance		
	[Note: If answer is "no" because a decision has been ma mechanical ventilation system to working order, provide Comments section]			

nent, update the form that was submitted upon project st of initialing the far-right column of the REQUIREMENTS is included in the property as designed, adding comments within COMMENTS section describing any discrepancies and signing PLETION: COMPLIANCE AGREEMENT AND CERTIFICATION of the 8609 form request.

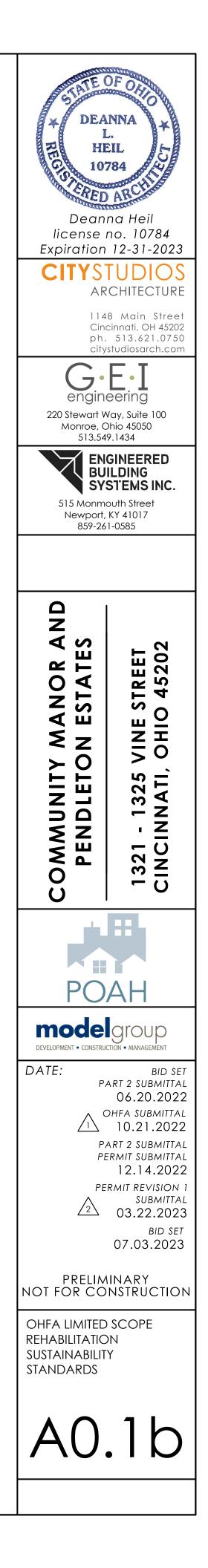
Comments

able to initial in the far right column for any item, given that designed, provide an explanation here.

ent and Certification scope as proposed on this document was implemented in full.

and its duly authorized officers, partners or members hereby ained in this document is true, correct and complete; and that project has met the requirements noted in this document.

nce Guidelines are attached.



ohfa	OHIO HOUSING FINANCE AGENCY
Desig 2022 N	n and Construction Features Form Iultifamily Funding Programs
INST	RUCTIONS
wii 2. Th 3. If f 4. A (pa All con to <u>arch</u>	e architectural entity with whom the owner and developer contracted with to provide architectural services I complete the form and obtain all required signatures for the certifications. e project applicant will submit the completed and signed form with the proposal application. funded, the project applicant will complete and submit the form again at final application with all changes im what was submitted at proposal application clearly identified. copy of the final, completed form must also be included in the 80% percent plan sets, copied onto the ge(s) following the cover sheet, submitted at final application.
Helpfu •	1 links: 2022 Design and Architectural Standards
•	2022 Exception Request Form
•	2022-2023 Qualified Allocation Plan 2022 Multifamily Underwriting Guidelines
Prelir	AISSION REQUIREMENTS ininary Architectural Submission imum, the proposal application architectural submission must include all of the following: This form, completed and signed Exception Request form(s), if applicable. Preliminary drawings, which shall include all of the following: • Cover sheet with name of development as submitted to OHFA, development address, development team, drawing index, code information, and table indicating unit schedule (including accessible, adaptable and sensory impaired units), types and sizes;
	 Site plan, including parking data and layouts;
	• Landscape plan;

- Dimensioned floor plans with gross area of units and floor plans, as well as room designations and proposed finishes;
- Exterior elevations with material notations; Typical wall sections (new construction only); and
- Schematic Drawings and/or schematic specifications for HVAC, plumbing, and electrical or similar items included in the scope of work.
- Preliminary drawings, described above, shall be submitted in all of the following formats:

Electronic format (pdf)

Upon request only, preliminary drawings shall be format.

Final Architectural Submission

Final applications must include 80 percent complete approved by OHFA, the plans must include the project OHFA tracking number. The submission must show co information included within this form. Substantive cha will not be approved.

At minimum, the final application architectural submi- This form, completed and signed. Information from the proposal application submission, and

- Verification that the drawings comply any and green building requirements required for the
 - Asbestos, mold, radon, and lead-based paint Items required to be completed per Phase I or
 - Environmental Review performed by OHFA's e Plan sets, which shall include all of the following
 - Site plans • Interior and Exterior elevations
 - Dimensioned floor plans
 - Wall sections (if applicable)
 - Structure (if applicable)
 - Finishes
 - Details
 - Mechanical plans Drawings must have a dimensioned p
 - verification. All pipes-through-floor and dimensioned relative to the foundatio (new construction and adaptive reuse
 - OHFA strongly encourages a surveyor Foundation over dig must be filled with reports.
 - Plan sets, described above, shall be submitted in Electronic format (pdf)
 - Separate, single PDF files for drawings ind wall sections, structure, finishes, details a

	Number of sites:	7	
	Number of residential buildin		
	Number of accessory building		
d.	Date built:	1865-190	
		constructed. For	tation or adaptive reuse, please specify the year the multiple building proposals or scattered site project
e.	Date first occupied:	1865-190	06
		will be occupied.	For multiple building proposals or scattered site pro-
	a range of dates may be	provided.	
f.	Site acreage:	1.5	
g.	Total # units:	61	
	Total # low-income units:	61	
	Number of efficiency units:	1	
2	Number of one-bedroom unit Number of two-bedroom units		
	Number of two-bearborn unit		
		21	
I.	Number of three-bedroom un	nits: 21	
l. m. n.		nits: 21 ts: 5	
l. m. n.	Number of three-bedroom un Number of four-bedroom unit Building/Zoning variances re	nits: 21 ts: 5	Notes
l. m. n. D. FL	Number of three-bedroom un Number of four-bedroom unit Building/Zoning variances re OOR AREA DETAILS	hits: 21 ts: 5 ceived: n/a	Measured from exterior face of exterior building;
I. m. n. D. FL	Number of three-bedroom un Number of four-bedroom unit Building/Zoning variances re OOR AREA DETAILS Space	hits: 21 ts: 5 ceived: n/a <i>GSF</i>	Measured from exterior face of exterior building; includes structured exterior spaces (stair, balcor
I. m. n. D. FL C	Number of three-bedroom un Number of four-bedroom unit Building/Zoning variances re OOR AREA DETAILS Space	uits: 21 ts: 5 ceived: n/a <i>GSF</i> 116,405	Measured from exterior face of exterior building; includes structured exterior spaces (stair, balcor
I. m. n. D. FL Gross Squ Total Num	Number of three-bedroom un Number of four-bedroom unit Building/Zoning variances re OOR AREA DETAILS Space	uits: 21 ts: 5 ceived: n/a <i>GSF</i> 116,405	Measured from exterior face of exterior building; includes structured exterior spaces (stair, balcor portico).
I. m. n. D. FLC Gross Squ Total Num Commerci Areas:	Number of three-bedroom un Number of four-bedroom unit Building/Zoning variances re OOR AREA DETAILS Space Hare Footage of all Buildings her of Low Income Units	uits: 21 ts: 5 ceived: n/a <i>GSF</i> 116,405 61	Measured from exterior face of exterior building; includes structured exterior spaces (stair, balcor portico). Legally separate space under control of another
I. m. n. D. FLC Gross Squ Total Num Commerci Areas: Commerci Space:	Number of three-bedroom un Number of four-bedroom unit Building/Zoning variances re OOR AREA DETAILS Space Hare Footage of all Buildings her of Low Income Units al Space Condominium	hits: 21 ts: 5 ceived: n/a <i>GSF</i> 116,405 61	Measured from exterior face of exterior building; includes structured exterior spaces (stair, balcor portico). Legally separate space under control of another program or condominimized legal separation. Includes spaces for which residents must pay a for use/access (garages, storage). Must include lofts, mezzanine and restricted
I. m. n. D. FLC Gross Squ Total Num Commerci Areas: Commerci Space:	Number of three-bedroom un Number of four-bedroom unit Building/Zoning variances re OOR AREA DETAILS Space ware Footage of all Buildings aber of Low Income Units	aits: 21 ts: 5 ceived: n/a <i>GSF</i> 116,405 61 0 2,179	 Measured from exterior face of exterior building; includes structured exterior spaces (stair, balcor portico). Legally separate space under control of another program or condominimized legal separation. Includes spaces for which residents must pay a for use/access (garages, storage).

Common Area (Public):	2,895
Common Area (Circulation):	0
Dedicated Program Space:	0
Limited Common Area (Private):	0
Support:	1,456
Tenant Storage:	0
Major Vertical Penetrations:	8,919
Structured Parking / Garage:	0
Basement:	18,762
	TOTALS
Non-Low Income Floor Area	2,895
Low Income Floor Area	69,725
% Common Area	2.5%
Net Rentable Square Footage	114,22
Average Net Rentable SQFT per LI Unit	1,143
Average net remaine SQLI per Li Unit	,

The following items should not be included in any of the al Trash enclosures

- Concrete patios without roofs
- Sidewalks

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Public restrooms, community rooms, libraries,	E. ADAPTABILITY AND ACCESSIBILITY	F. SUSTAINABILITY
offices, meeting rooms, kitchens, car canopy, portico, fitness rooms, laundry, mailboxes.		Developmente
Public hallways, stairways, and corridors to	All developments must be designed and constructed to comply with all local, state, or federal accessibility guidelines that apply.	 a. Developments mu Residential Code.
residential units.		 Yes, developm
Counseling space, wellness and health clinic areas,	a. All developments must to comply with the accessibility requirements as outlined in the Ohio Building	Residential Co
day care centers, etc. Exterior spaces with access only through residential	Code, Chapter 4101:1-11, which includes the use of ICC/ANSI A117.1-2009 for the design and	
unit. i.e. balcony/porch/deck (patios without roof	construction of accessible units. Yes, the project will comply with the accessibility requirements as outlined in the Ohio Building Code.	 b. In addition, all mul building certification
are not included).	Tes, the project will comply with the accessionity requirements as outlined in the onio building code.	© Energy Star MI
Electrical, mechanical, elevator room, sprinkler	b. All developments receiving OHFA funding must meet the accessibility requirements of Section 504.	O Energy Star MI
room, janitorial, trash, maintenance, storage that is	Identify the implementing standard the development will utilize to demonstrate compliance with Section	LEED Certified
not for tenant use, free standing maintenance buildings.	504 requirements (select one):	C LEED Silver
Tenant storage outside of unit.	Uniform Federal Accessibility Standards (UFAS) 2010 ADA Standards for Accessible Design under Title II of the ADA, except for certain specific	O ICC 700 NGBS
Includes duct shafts, stair shaft, elevator shaft,	identified provisions, as detailed in HUD's Notice on "Instructions for use of alternative accessibility	 ICC 700 NGBS 2020 Enterpris
space open to below.	standard," published in the Federal Register on May 23, 2014 ("Deeming Notice").	 O 2020 Enterpris O OHFA Limited 3
Attached or detached garage that residents do not pay a fee for.	An equivalent standard as defined in HUD's Deeming Notice (such as ICC/ANSI A117.1-2009)	
Includes spaces with a minimum of 7' clear head	c. Developments may be subject to the Fair Housing Act design and construction requirements. If the	G. EXCEPTION REG
height. Spaces less than 7' are crawl spaces per RCO 305.	development is subject to the Fair Housing Act design and construction requirements, verify that the	
	project will be designed and constructed to meet the requirements of the Fair Housing Act and that all	Select the items an <u>Excep</u> No requests for ex
	units, other than the accessible units, will be designed and constructed as ANSI Type B units.	
Commercial Space Condo Areas + Commercial	Yes, the project will be designed and constructed to meet the requirements of the Fair Housing Act and all units, other than the accessible units, will be designed and constructed as ANSI Type B units.	New Construction
Areas + Market Rate Unit Area		Items that are sub
LI unit area + Common Area (Circulation) + Limited	d. Number of 504 mobility units required: 4	requirements that
Common Area (Private) + Tenant Storage	e. Number of 504 sensory units required: 2	Items that are una the Exception Req
Common Area (Public) + Common Area (Circulation)	 f. Number of 504 mobility units provided:0 g. Number of 504 sensory units provided:2 	
/ Gross Square Footage	g. Number of 304 sensory units provided. Z	Rehabilitation or Ada
Gross Square Footage - Non-Low Income floor area	h. Number of accessible parking spaces: 0	Universal Design n
Net Rentable Square Footage/ Total number of Low		
Income Units	 Total number of non-conforming accessible units & reason: (only applicable to adaptive reuse or rehabilitation projects if full compliance is technically infeasible. Exception request must have been 	 Accessibility requir
	submitted.)	is technically infea
		Items with 75% or
above square footages:		replacement requi
		certification)
		 Durable Materials Main Entry
		Sidewalks
6	7	
- -		

MENT INFORMATION

ent Name: Community & Pendleton Apartments king Number (final application only): Scattered sites

45202

- e Pool: Preserved Affordability
- n Served: Family on Type: Rehabilitation
- Requirements: If federal or state funds are utilized in the proposed development, select any s that apply to the proposed development.
- Bacon and related acts: Davis Bacon Act prevailing wage provisions apply to contractors and ntractors performing on federally funded or assisted contracts in excess of \$2,000 for uction, alteration or repair (including painting and decorating) of public buildings or public

revailing Wage: Ohio's prevailing wage laws apply to all public improvements financed in whole art by public funds when the total overall project cost is fairly estimated to be more than 000 for new construction or \$60,000 for reconstruction, enlargement, alteration, repair, leling, renovation, or painting.

ection 3 Requirements: Section 3 is a provision of the Housing and Urban Development (HUD) 1968 requiring that recipients of certain HUD financial assistance, to the greatest extent e, provide job training, employment, and contracting opportunities for low or very low-income nts in connection with projects and public works. of the above are applicable

CONTACTS

- any: City Studios Architecture, LLC Deanna Heil 513-621-0750 dheil@citystudiosarch.com
- any: Preservation of Affordable Housing Molly Ekerdt 312-283-0033 mekerdt@poah.org
- any: Preservation of Affordable Housing Molly Ekerdt 312-283-0033 mekerdt@poah.org

LITY

s must meet all energy efficiency requirements as stated in the Ohio Building Code or

elopment will meet all energy efficiency requirements as stated in the Ohio Building Code or ial Code.

> ICC 700 NGBS Gold ICC 700 NGBS Emerald

Il multifamily developments must obtain one of the below energy efficiency or green fications. Select which certification will apply to the development.

incations. Select which certification will apply	10 1	ne development.
Star MFHR Performance Path	0	Energy Star Certified Homes
Star MFHR Prescriptive Path	0	Energy Star MF New Construction
rtified	0	LEED Gold
ver	0	LEED Platinum

- NGBS Bronze
- NGBS Silver
- terprise Green Communities

nited Scope Rehabilitation Sustainability Standards

REQUESTS

Exception Request form has been submitted for. for exception were submitted for this development.

e subject to non-OHFA (such as local codes or design standards, funding source, etc.) s that may conflict with the OHFA Design and Architectural Standards. e unable to be complied with for a compelling reason, as fully described by the applicant in n Request form.

Adaptive Reuse

sign mandatory components	
requirements (if compliance / infeasible)	
5% or more RUL (if	
required for green	

- erials Exterior
- Bathrooms Kitchen & Appliances

Unit Sizes

Laundry Facilities

Common Areas

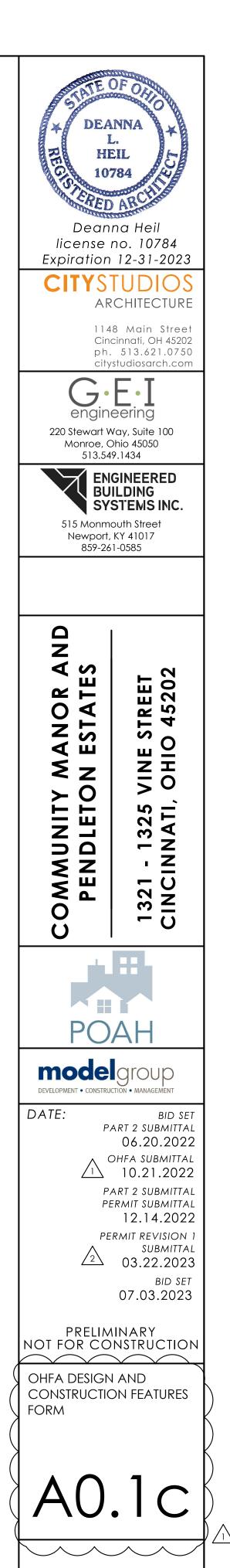
Floor Coverings

Bedroom Sizes

Elevators Interior Doors

Durable Materials - Interior

Major Building Components



 H. DESIGN-RELATED COMPETITIVE CRITERIA Select the items below that the development is seeking competitive points for under the 2021 QAP. Design Features Exercise and Wellness Number of Bedrooms I. SCOPE OF WORK a. Provide an overview of the proposed improvements to be made involving site design, building design, mechanical and electrical systems and building components including building exterior, interior, and life safety items. The project involves building improvements to ten (10) properties with a total of 61 apartment units. Unit counts and layouts will remain the same. New exterior work includes masony repairs, fire escape repairs, miscellaneous site repairs, and selective new entry doors. New windows will be installed at two (2) properties. New interior work includes new kitchen cabinets and appliances, bathroom fixtures, selective doors, and wall and ceiling repair and limited painting at repair areas. New work will also involve new HVAC units (exiting ductwork to remain), new security intercom systems where they currently exist, new light fixtures, new GFI outlets, new switch and cover plates, and selective new water heaters. 	 d. For any developments proposing adaptive reuse or rehabilitation with historic tax credits, specify any restrictions or requirements that will be used to determine compliance with the Ohio Historic Preservation Tax Credit and/or Federal Historic Preservation Tax Credit programs. The project is pursuing state and federal historic preservation tax credits from the Ohio State Historic Preservation Office (SHPO) and the National Park Service (NPS), and is designed to conform with the Secretary of the Interior's "Standards for Rehabilitation" as outlined by NPS. e. Address any issues raised in the Physical Capital Needs Assessment (PCNA) and Scope of Work report(s) in the space provided below. Include information for all developments proposing rehabilitation of existing units or the adaptive reuse of a building at proposal submission, especially where the scope of work and PCNA do not agree. 	 Metals: Fire escapes will be repaired, scrapped, and painted. The existing exterior steel stair at 1609 Pleasant will be repaired, scrapped and painted. Metal security gates will be repaired, scrapped, painted and will receive new security hardware. Exterior guardrails and handrails will be repaired, secured, cleaned, and painted. New handrails will be installed at stairways and steps to comply with building code. New metal security guardrails around HVAC condensing units will be provided on Community Manor roofs. Carpentry: All existing kitchen cabinets and countertops will be replaced with new kitchen cabinets and counters. Wood stairs including basement, commo area, and dwelling unit stairs will be repaired as required. Interior wood banisters and hondrails in both common areas and dwelling unit stairs will be repaired as required. Interior wood banisters and hondrails in both common areas and dwelling units will be repaired, secured. Wood banisters and handrails in common areas will be painted. Thermal and Moisture Protection: New shingle roofs (30 year warranty) or new energy efficient white TPO roofs (20 year warranty) will be constructed on all buildings. All components to the roof system including flashing, deteriorated roof sheathing, roof vents, gutters, and downspouts will be renoved and replaced with new with subtain including both roefluces or fibergiass batt will be provided in unoccupied attic spaces to meet OHFA Limited Scope Rehabilitation Standards. Doors and Windows: Damaged building entry doors, interior common doors, unit doors and interior unit doors will either be repaired and painted or replaced with new. Xeld door hardware will be replaced. New basement access doors will be installed flush to sidewalk where applicable. Windows at Community Manor will be replaced with the exception of commercial space windows and some of the attic windows. 	J. UNIVERSAL DESIGN COMPONENTS Select all of the below items that will be included in the development. Mandatory items are marked with an asterisk. Refer to the pages 29 and 68-70 of the 2022-2023 QAP for more detail. Additionally, specify the architectural page reference, or if it will be covered by a general/universal plan note, mark "Note". Which of the below threshold options will the development be seeking? (select one) All mandatory items + 10 additional in 50% of units ✓ All mandatory items + 5 additional in 100% of units ✓ All mandatory items + 5 additional in 100% of units Image: Construct tem Image: Construct tem <th>DEANNA L. HEIL 10784 Deanna Heil license no. 1078 Expiration 12-31-20 CITYSTUDIC ARCHITECTI 1148 Main St Cincinnati, OH 4 ph. 513.621.0 citystudiosarch.</th>	DEANNA L. HEIL 10784 Deanna Heil license no. 1078 Expiration 12-31-20 CITYSTUDIC ARCHITECTI 1148 Main St Cincinnati, OH 4 ph. 513.621.0 citystudiosarch.
b. Address any issues raised in the Phase I Environmental Site Assessment (ESA) report(s) in the space provided below. Include information for all single-site and scattered-site proposals, as required by applicable program funding guidelines.	 f. SITE AND BUILDING COMPONENTS For each item listed below, provide a brief description of the specific improvements that will be incorporated in the proposed development. Attach additional pages if needed. If no improvements will be made to the item, provide a description of their current state. Site Work (including security): New site work will include concrete repair to damaged side walk areas as needed. All exterior security light fixtures will be replaced with new fixtures. Additional exterior security light fixtures will be added to new areas where lighting is not sufficient. Existing security intercom systems will be replaced and upgrade with new security intercom systems. New US Postal Services mail boxes will replace existing mailboxes. Existing exterior ceilings at breezeways will be repaired and painted where required. Concrete: 	 Finishes and Appliances: New Energy Star refrigerators, ranges, and range hoods with "FireStop" fire protection will replace existing appliances. Damaged plaster/gypsum board surfaces throughout the building will be repaired and painted. All common space previously painted finishes will be replaced with new. Isolated cracked floor tile in kitchens and bathrooms will be replaced with new. Damaged marble transitions will be replaced with new. Bathroom wall tile and grout along wainscot and tub surrounds will be cleaned and repaired or resurfaced. Furnishings: All dwelling units will be provided with new horizontal louver blinds in all dwelling unit rooms. New vinyl coated closet wire shelves will be installed in closets. New medicine cabinets and new bathroom accessories including towel bars, toilet paper dispensers, and robe hooks will be provided. Plumbing: New plumbing work includes the replacement of the following with fixtures: high efficiency toilets, vanity sinks, and double bowl kitchen sinks. All faucets and shower valves will be replaced with new. New water heaters and sump pumps will be replaced with new as 	 n/a - rehab *Overhead weather protection at entrances (mandatory for NC only) Built-in shelf/bench/ledge located outside the door Nonslip surfaces on walkways and entryways Primary unit entry with an accessible/dual peephole and backlit doorbell Door locks that are easy to operate, such as keyless locks with remote control or keypad No-step entry (1/2" or less threshold) at main entrance Interior Stairs and Hallways Included? Page or Note Item * Adequate lighting to illuminate all stairway(s), landings, and hallway(s) exception request Hallways with a minimum width of 42" * Anti-slip strips on front edge of steps in color-contrast material 	220 Stewart Way, Suite 10 Monroe, Ohio 45050 513.549.1434 ENGINEERE BUILDING SYSTEMS IN 515 Monmouth Street Newport, KY 41017 859-261-0585
c. For any developments involving acquisition and rehabilitation, adaptive reuse or historic preservation, provide a narrative describing the history of improvements made to the building(s) and/or units.	Existing concrete retaining walls will be repaired as needed in addition to exterior concrete stairs and landings. • Masonry: All building facades will require masonry repairs. Damaged brick will be replaced and damaged mortar will be tuck-pointed. Any existing pairted areas of the facade will be repaired including historical corrices and decorative elements. Areas of existing damaged, parged masonry will be repaired. Areas of damaged limestone or stone will be repaired. Structural anchors will be installed at key points to stabilize structures. Existing masonry chimneys will be repaired as required. Exterior stone retaining walls and the interior faces of basement foundation walls will be tuck-pointed as necessary. New fiber cement board siding will replace existing fiber cement siding.	 HVAC: HVAC work will include the installation of new gas furnaces, thermostats, AC condensing units, exhaust fans, louver, diffusers, and grilles. Electrical: Electrical work will include the installation of new light fixtures, GFI outlets, switches, and cover plates for all switches and outlets including TV, cable and data. New carbon monoxide/smoke detectors will also be installed. 	Image: Color contrast between stair treads and risers Image: Handrails on both sides of interior stairs Interior Doors Included? Page or Note Item exception request 34"-wide (minimum) doors leading to habitable room, allowing for a 32" minimum clearance Image: Very style door hardware on all interior doors Image: Very style door hardware on all interior doors Image: Very style door with easy-to-grip handles	INITY MANOR AND DLETON ESTATES 1325 VINE STREET
Faucets Included? Page or Note Item \[v' *Anti-scald faucets with lever handle for all sinks, bathtubs, and showers \[v' *Pressure balanced faucets	 *Loop handles on drawers and cabinets *Non-glare task lighting to illuminate sink, stove, and work areas Adjustable height shelves in wall cabinets Base cabinets with pull out drawers Pull-out work surface near the oven, refrigerator and/or microwave. Visual contrast at front edge of countertop or between the countertop and the cabinets Side-by-side refrigerator-freezer 	K. CERTIFICATION We represent, warrant and certify to OHFA that the following does and will apply to the proposed development: The Development will be designed and constructed to meet the requirements of all applicable laws, codes, program guidelines, as well as the OHFA Design and Architectural Standards and specific features applicable to the project as outlined in this form. This includes any and all local, state, or federal accessibility laws that currently exist and apply to the project. Any additional cost of construction required for the Development to be in compliance with any of these laws has been included in the development budget.	 2. General Contractor: I certify that I have reviewed the plans, specifications, and scope of work for the Development and that the Development will be constructed in accordance with any and all requirements as set forth in this form, the OHFA Design and Architectural Standards, and all other applicable laws, codes, program guidelines or policy documents. I understand that I am obligated to know the federal, state and local accessibility laws applicable to the Development and will build the project accordingly. 	COMMU PEND 1321 - 1

 <i>n</i> ti-scald faucets with lever handle for all sinks, bathtubs, and showers essure balanced faucets <i>n</i> ermostat and control panels that are easy to read and simple to operate ocker, touch light, or hands-free switches tra electrical outlets near the bed (for medical equipment or rechargeable items,) placed 18" to 24 above finished floor (bedroom only) on the switches visible in the dark tched outlets for lamps, etc. to be turned on with wall switch 		*Loop handle *Non-glare ta Adjustable he Base cabinet Pull-out work Visual contra cabinets Side-by-side Cooktop/ran Extra outlets Clear knee sp
nti-scald faucets with lever handle for all sinks, bathtubs, and showers essure balanced faucets m ermostat and control panels that are easy to read and simple to operate backer, touch light, or hands-free switches tra electrical outlets near the bed (for medical equipment or rechargeable items,) placed 18" to 24 above finished floor (bedroom only) inted switches visible in the dark		Adjustable h Base cabine Pull-out work Visual contra cabinets Side-by-side Cooktop/ran Extra outlets
nti-scald faucets with lever handle for all sinks, bathtubs, and showers essure balanced faucets m ermostat and control panels that are easy to read and simple to operate backer, touch light, or hands-free switches tra electrical outlets near the bed (for medical equipment or rechargeable items,) placed 18" to 24 above finished floor (bedroom only) inted switches visible in the dark		Base cabine Pull-out work Visual contra cabinets Side-by-side Cooktop/ran Extra outlets
essure balanced faucets <i>n</i> ermostat and control panels that are easy to read and simple to operate boker, touch light, or hands-free switches tra electrical outlets near the bed (for medical equipment or rechargeable items,) placed 18" to 24 above finished floor (bedroom only) hted switches visible in the dark		Pull-out work Visual contra cabinets Side-by-side Cooktop/ran Extra outlets
n ermostat and control panels that are easy to read and simple to operate ocker, touch light, or hands-free switches tra electrical outlets near the bed (for medical equipment or rechargeable items,) placed 18" to 24 above finished floor (bedroom only) oted switches visible in the dark		Visual contra cabinets Side-by-side Cooktop/rar Extra outlets
ermostat and control panels that are easy to read and simple to operate ocker, touch light, or hands-free switches tra electrical outlets near the bed (for medical equipment or rechargeable items,) placed 18" to 24 above finished floor (bedroom only) nted switches visible in the dark		cabinets Side-by-side Cooktop/rar Extra outlets
ermostat and control panels that are easy to read and simple to operate ocker, touch light, or hands-free switches tra electrical outlets near the bed (for medical equipment or rechargeable items,) placed 18" to 24 above finished floor (bedroom only) nted switches visible in the dark		Side-by-side Cooktop/rar Extra outlets
ermostat and control panels that are easy to read and simple to operate ocker, touch light, or hands-free switches tra electrical outlets near the bed (for medical equipment or rechargeable items,) placed 18" to 24 above finished floor (bedroom only) nted switches visible in the dark		Cooktop/ran Extra outlets
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tra electrical outlets near the bed (for medical equipment or rechargeable items,) placed 18" to 24 above finished floor (bedroom only) nted switches visible in the dark		
) placed 18" to 24 above finished floor (bedroom only) nted switches visible in the dark		
		sink, pipes r
ched outlets for lamps, etc. to be turned on with wall switch		open knee s
		self-storing
ctrical outlets, phone jacks, and data ports at least 18" above finished floor		
t switches between 44"-48" above finished floor; thermostats no more than 48"	Closets/Storage	
ve finished floor	Included? Page or Note	ltem
ar access space of 30" by 48" in front of switches, outlets, and controls	L	Area is well-
ible and visual alarms for smoke/fire/carbon monoxide in all code-required	V	Doors and h
essible areas and all units		Adjustable-h
	_	heights
].	Pull out-she
an particular and the antiparticular operator for the same water		
· · · · · · · · · · · · · · · · · · ·		
b bars, or wall-blocking for future installation of grab bars, in tub/shower, and		
et. Grab bars must be properly anchored and supported.		
n		
least 15" clear space on each side of stove, sink, and one side of fridge		
	 ar access space of 30" by 48" in front of switches, outlets, and controls ible and visual alarms for smoke/fire/carbon monoxide in all code-required essible areas and all units n n n n n nuntertops with beveled edges ijustable-height showerhead or hand-held showerhead with flexible hose and ily operable controls on-glare lighting at vanities II- or half-bath on the main floor with clear floor space of 30" x 48" rhead light fixture in tub/shower ror(s) placed for both standing and sitting, such as a full-length or tilting mirror et centered at least 18" from any side wall, tub, or cabinet t least one bathroom per unit: -threshold or curbless shower at least 5' x 3' OR ADA bathtub with seat ar knee space (at least 27" high) under sink. May be open knee space or ieved by means of removable vanity or fold-back or self-storing doors. Pipe tection panels must be provided to prevent contact with hot or sharp surfaces. b bars, or wall-blocking for future installation of grab bars, in tub/shower, and et. Grab bars must be properly anchored and supported. 	ar access space of 30" by 48" in front of switches, outlets, and controls ible and visual alarms for smoke/fire/carbon monoxide in all code-required essible areas and all units 7 puntertops with beveled edges justable-height showerhead or hand-held showerhead with flexible hose and ily operable controls on-glare lighting at vanities II- or half-bath on the main floor with clear floor space of 30" x 48" rhead light fixture in tub/shower ror(s) placed for both standing and sitting, such as a full-length or tilting mirror et centered at least 18" from any side wall, tub, or cabinet t least one bathroom per unit: -threshold or curbless shower at least 5' x 3' OR ADA bathtub with seat ar knee space (at least 27" high) under sink. May be open knee space or ieved by means of removable vanity or fold-back or self-storing doors. Pipe section panels must be provided to prevent contact with hot or sharp surfaces. b bars, or wall-blocking for future installation of grab bars, in tub/shower, and et. Grab bars must be properly anchored and supported. 7

			DEANNA
use or rehabilitation with historic tax credits, specify used to determine compliance with the Ohio Historic ric Preservation Tax Credit programs. tion tax credits from the Ohio State Historic Preservation Office (SHPO) and orm with the Secretary of the Interior's "Standards for Rehabilitation" as	 Metals: Fire escapes will be repaired, scrapped, and painted. The existing exterior steel stair at 1609 Pleasant will be repaired, scrapped and painted. Metal security gates will be repaired, scrapped, painted and will receive new security hardware. Exterior guardrails and handrails will be repaired, secured, cleaned, and painted. New handrails will be installed at stairways and steps to comply with building code. New metal security guardrails around HVAC condensing units will be provided on Community Manor roofs. Carpentry: All existing kitchen cabinets and countertops will be repaired as required. Interior wood banisters and handrails in both common areas and dwelling unit stairs will be repaired as required. Interior wood banisters and handrails in both common areas and dwelling unit stairs will be repaired as required. 	 J. UNIVERSAL DESIGN COMPONENTS Select all of the below items that will be included in the development. Mandatory items are marked with an asterisk. Refer to the pages 29 and 68-70 of the <u>2022-2023 QAP</u> for more detail. Additionally, specify the architectural page reference, or if it will be covered by a general/universal plan note, mark "Note". 	L. HEIL 10784 Deanna Heil license no. 107
bital Needs Assessment (PCNA) and Scope of Work e information for all developments proposing e reuse of a building at proposal submission, A do not agree.	 Thermal and Moisture Protection: New shingle roofs (30 year warranty) or new energy efficient white TPO roofs (20 year warranty) will be constructed on all buildings. All components to the roof system including flashing, deteriorated roof sheathing, roof vents, gutters, and downspouts will be removed and replaced with new. New insulation including blown-in cellulose or fiberglass batt will be provided in unoccupied attic spaces to meet OHFA Limited Scope Rehabilitation Standards. Doors and Windows: Damaged building entry doors, interior common doors, unit doors and interior unit doors will either be repaired and painted or replaced with new. All door hardware will be replaced. New basement access doors will be installed flush to sidewalk where applicable. Windows at Community Manor will be replaced with the exception of commercial space windows and some of the attic windows. Finishes and Appliances: 	Which of the below threshold options will the development be seeking? (select one) All mandatory items + 10 additional in 50% of units ✓ All mandatory items + 5 additional in 100% of units Entry Included? Page or Note Item n/a - rehab *36"-wide (minimum) entry door with lever-style handle (mandatory for NC only) exception request Minimum 5' x 5' level clear space inside and outside entry door ✓ *Adequate non-glare lighting at walkways, accessible routes, and exterior spaces ✓ *Adequate lighting both inside and outside the building and unit entrance ✓ *High visibility address numbers (both building and exterior units) n/a - rehab *Overhead weather protection at entrances (mandatory for NC only) Built-in shelf/bench/ledge located outside the door	Expiration 12-31-2 CITYSTUDI ARCHITEC 1148 Main S Cincinnati, OH ph. 513.621 citystudiosarch G.E.I
escription of the specific improvements that will be attach additional pages if needed. provide a description of their current state. e walk areas as needed. All exterior security light fixtures will be replaced will be added to new areas where lighting is not sufficient. Existing security security intercom systems. New US Postal Services mail boxes will replace <i>y</i> will be repaired and painted where required.	 New Energy Star refrigerators, ranges, and range hoods with "FireStop" fire protection will replace existing appliances. Damaged plaster/gypsum board surfaces throughout the building will be repaired and painted. All common spaces previously painted finishes will be repainted. Existing hardwood floors in common spaces will be refinished. Vinyl stair treads in common spaces and dwelling units will be replaced with new. Isolated cracked floor tile in kitchens and bathrooms will be replaced with new. Damaged marble transitions will be replaced with new. Isolated cracked floor tile in kitchens and bathrooms will be replaced with new. Damaged marble transitions will be replaced with new. Bathroom wall tile and grout along wainscot and tub surrounds will be cleaned and repaired or resurfaced. Furnishings: All dwelling units will be provided with new horizontal louver blinds in all dwelling unit rooms. New vinyl coated closet wire shelves will be installed in closets. New medicine cabinets and new bathroom accessories including towel bars, toilet paper dispensers, and robe hooks will be provided. Plumbing: 	 Nonslip surfaces on walkways and entryways Primary unit entry with an accessible/dual peephole and backlit doorbell Door locks that are easy to operate, such as keyless locks with remote control or keypad No-step entry (1/2" or less threshold) at main entrance Interior Stairs and Hallways Included? Page or Note Item Iv *Adequate lighting to illuminate all stairway(s), landings, and hallway(s) exception request*Hallways with a minimum width of 42"	engineering 220 Stewart Way, Suite 1 Monroe, Ohio 45050 513.549.1434 ENGINEERE BUILDING SYSTEMS II 515 Monmouth Street Newport, KY 41017
ed in addition to exterior concrete stairs and landings. d brick will be replaced and damaged mortar will be tuck-pointed. Any	 New plumbing work includes the replacement of the following with fixtures: high efficiency toilets, vanity sinks, and double bowl kitchen sinks. All faucets and shower valves will be replaced with new. New water heaters and sump pumps will be replaced with new as needed. HVAC: HVAC work will include the installation of new gas furnaces, thermostats, AC condensing units, exhaust fans, louver, diffusers, and grilles. 	Image: Anti-Step in the contrast in the contrest in the contrast in the contrast in the contrest in the contres	859-261-0585
ding historical cornices and decorative elements. Areas of existing damaged, tone or stone will be repaired. Structural anchors will be installed at key will be repaired as required. Exterior stone retaining walls and the interior is necessary. New fiber cement board siding will replace existing fiber cement	• Electrical: Electrical work will include the installation of new light fixtures, GFI outlets, switches, and cover plates for all switches and outlets including TV, cable and data. New carbon monoxide/smoke detectors will also be installed.	Image: Strength of the destination of t	AUNITY MANOR AND ADLETON ESTATES - 1325 VINE STREET
s and cabinets o illuminate sink, stove, and work areas in wall cabinets ut drawers r the oven, refrigerator and/or microwave. Ige of countertop or between the countertop and the reezer or side-mounted controls (senior units only) oliances, electronics, etc. t 27" high) under sink, counters, and/or cook tops. If under tection and may not be in the required knee space. May be eved by means of removable base cabinets or fold-back or ch located outside the space re easy to operate. No bi-fold or accordion-type doors. g and/or closet rods OR clothes rods installed at multiple abinets, and other easy to access storage components	K. CERTIFICATION We represent, warrant and certify to OHFA that the following does and will apply to the proposed development: The Development will be designed and constructed to meet the requirements of all applicable laws, codes, program guidelines, as well as the OHFA Design and Architectural Standards and specific features applicable to the project as outlined in this form. This includes any and all local, state, or federal accessibility laws that currently exist and apply to the project. Any additional cost of construction required for the Development to be in compliance with any of these laws has been included in the development budget. By signing this document, the owner, architect, and general contractor certify that the plans, specifications, and features submitted as part of this application will become a minimum standard for the proposed development. This hereby becomes as binding agreement for the actual construction intent if the development is awarded OHFA funding. OHFA does not take responsibility for design, construction, and plan review or any other municipal or building department review or approval and in no way does this agreement supersede any requirement by such juristications. OHFA reserves the right to verify compliance with agreed-upon features including durability of materials, accessibility, universal design, green building requirements and energy efficiency components. Li Architect: Certify that he plans, specifications, and scope of work for the Development meet, and will continue to meet, any and all requirements including those set forth in this form, the OHFA Design and Architectural Standards, and all other applicable laws, codes, program guidelines or poly documents. Linderistand that 1 am contractually obligated to know the federal, state a	2. General Contractor: I certify that I have reviewed the plans, specifications, and scope of work for the Development and that the Development and constructed in accordance with any and all requirements as set forth in this form, the OHFA Design and Architectural Standards, and all other applicable laws, codes, program guidelines or policy documents. I understand that I am obligated to know the federal, state and local accessibility laws applicable to the Development and will build the project accordingly. Model Construction, LLC 513-559-0048 Desepter@modelgroup.net Company/Firm Name Phone Number Email 1826 Race Street, Cincinnati OH 45202 Company/Firm Address President Printed Name (Firm Authorized Signatory) Title Signature Date Signature Date Signature Date Signature A. owner: Indevestigned understands that any deviations, and scope of work for the Development and that the Development shall be constructed in accordance with any and all requirements as set forth in this form, OHFA Design and Architectural Standards, and all other applicable laws, codes, program guidelines or policy documents. The undersigned understands that any deviations from federal and state accessibility requirements are the responsibility of the Owner and, as such, Owner is responsible for such deviations. President he requirements as set forth in this form, OHFA Design and Architectural Standards, and all other applicable laws, codes, program guidelines or policy documents.	Value Image: Section of the sectio
14	Signature Date	Signature Date	A0.10

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FINISH LOCATIONS

			DWELLIN	NG UNITS		
ROOM	FLOORS	BASE	DOOR AND TRIM	WALLS	HANDRAILS	CEILING
UNIT ENTRY (INSIDE UNIT)	F3	P6	P9	P1	N/A	P5
LIVING/DINING ROOM	F3	P6	P6	P1, P2	N/A	P5
KITCHEN	F1	P6	N/A	P3	N/A	P5
BATHROOM	F2	P6	P6	P3, T1	N/A	P5
BEDROOM	F3	P6	P6	P1	N/A	P5
CLOSET	F3	P6	P6	P1	N/A	P5
MECHANICAL	UNFINISHED	P6	P6	P1	N/A	P5
HALLWAY	F3	P6	P6	P1	P7, P8	P5
INTERIOR STAIRS	F4, P6	P6	N/A	P1	P7, P8	P5
			COMMC	on Areas		
ROOM	FLOORS	BASE	DOORS AND TRIM	WALLS	HANDRAILS	CEILING
BUILDING ENTRY	F5, F6	P15	P10, P11	P13, P14	N/A	P5
CORRIDOR	F3, F5	P15	P10	P13, P14	P16 OR P17	P5
STAIRWAY	F4, P15	P15	P10	P13, P14	P16 OR P17	P5
UNIT ENTRY (OUTSIDE UNIT)	F3, F5, OR P19	P15	P9	P13, P14	N/A	P5
BASEMENT	NO NEW FINIS	Shes,u.n.o.	P12	NO NEW FIN	ISHES, U.N.O.	
UNOCCUPIED ATTIC SPACES			NO NEW FIN	IISHES, U.N.O.		

GENERAL FINISH NOTES

GENERAL • APPLY FINISHES ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND DETAILS.

- PER L).

TOP COAT PAINT

 ALL UNIT SUBSTRATES, EXCEPT METAL: AT 1.4-1.7 DRY, PER COAT.

PAINT PREPARATION

PRIMERS

- SEAL AROUND PIPE PENETRATIONS. CAULK BETWEEN ELECTRIC BOX AND WALLBOARD.
- CEILING. 4. SEAL THE WALLBOARD TO THE CEILING AT THE TOP OF THE WALL (FULL PERIMETER OF THE CEILING).
- STAINS, SOME SCRUBBING MAY BE NECESSARY. DO NOT ALLOW THE CLEANER TO DRY ON THE SURFACE.

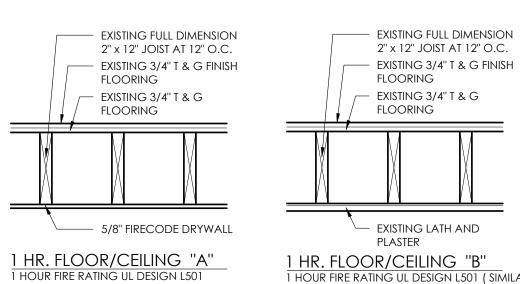
PAINT APPLICATION

- BRUSH: USE A NYLON/POLYESTER BRUSH.
- ROLLER: USE A 3/8" 3/4" NAP SYNTHETIC COVER. • SPRAY—AIRLESS:

a. PRESSURE: 2000 PSI b. TIP: 017"-.021"

FLOORS

- 13. MOISTURE TESTING IS REQUIRED IN BASEMENT OR SLAB ON GRADE UNITS.
- NECESSARY REPAIRS IN THEIR BID.
- 16. ALL EXISTING HARDWOOD FLOORS TO BE REFINISHED. REMOVE AND REPLACE EXISTING TOE MOULD. PAINT NEW TOE MOULD. REPAIR EXISTING WOOD BASE AND PAINT.
- 17. CLEAN EXISTING TILE AND GROUT TO REMAIN.







FINISH SCHEDULE

• GYPSUM BOARD SUBSTRATE: SHERWIN WILLIAMS- PROMAR 200 ZERO VOC LATEX PRIMER, B28W2600, AT 4.0 MILS WET, 1.5 MILS DRY. • CONCRETE/ CONCRETE BLOCK SUBSTRATE: SHERWIN WILLIAMS- S-W PREPRITE BLOCK FILLER, B25W25, AT 100 TO 200 SQ. FT. PER GAL (2.4 TO 4.9 SQ. M WOOD SUBSTRATE: SHERWIN WILLIAMS- PREPRITE PROBLOCK PRIMER SEALER, B51-620 SERIES, AT 4.0 MILS WET, 1.4 MILS DRY • METAL SUBSTRATE: SHERWIN WILLIAMS- S-W PRO INDUSTRIAL PRO-CRYL UNIVERSAL PRIMER, B66-310 SERIES, AT 5.0 TO 10 MILS WET, 2.0 TO 4.0 MILS DRY

SHERWIN WILLIAMS- PROMAR 200 ZERO VOC LATEX, B31-2600 SERIES, AT 4.0 MILS WET, 1.6 MILS DRY, PER COAT. • COMMON AREA, HIGH TRAFFIC + METAL SUBSTRATES: SHERWIN WILLIAMS- PRO INDUSTRIAL WATERBASED ALKYD URETHANE ENAMEL, B53-115- SERIES,

REMOVE HARDWARE, COVERS, PLATES, AND SIMILAR ITEMS ALREADY IN PLACE THAT ARE REMOVABLE AND ARE NOT TO BE PAINTED.

3. REMOVE VENTILATION AND HEATING/COOLING REGISTER GRILLES. EXTEND AND SEAL THE REGISTER BOOT DUCTWORK TO THE WALLBOARD OR

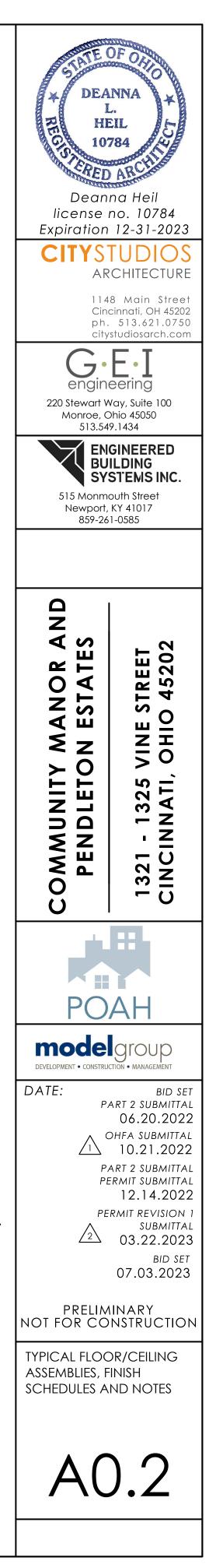
5. IF USING A DROPPED CEILING, ENSURE THE DEMISING WALLS ARE CONTINUOUS AND SEAL TO THE UNDERSIDE OF THE FLOOR DECK ABOVE. 6. CLEAN SUBSTRATES OF SUBSTANCES THAT COULD IMPAIR BOND OF PAINTS, INCLUDING DUST, DIRT, OIL, GREASE, AND INCOMPATIBLE PAINTS AND ENCAPSULATES USING A DAMP SPONGE OR CLOTH, WIPE TO REMOVE THE SURFACE DIRT AND MARKS AND ANY EXCESS CLEANER. FOR DIFFICULT

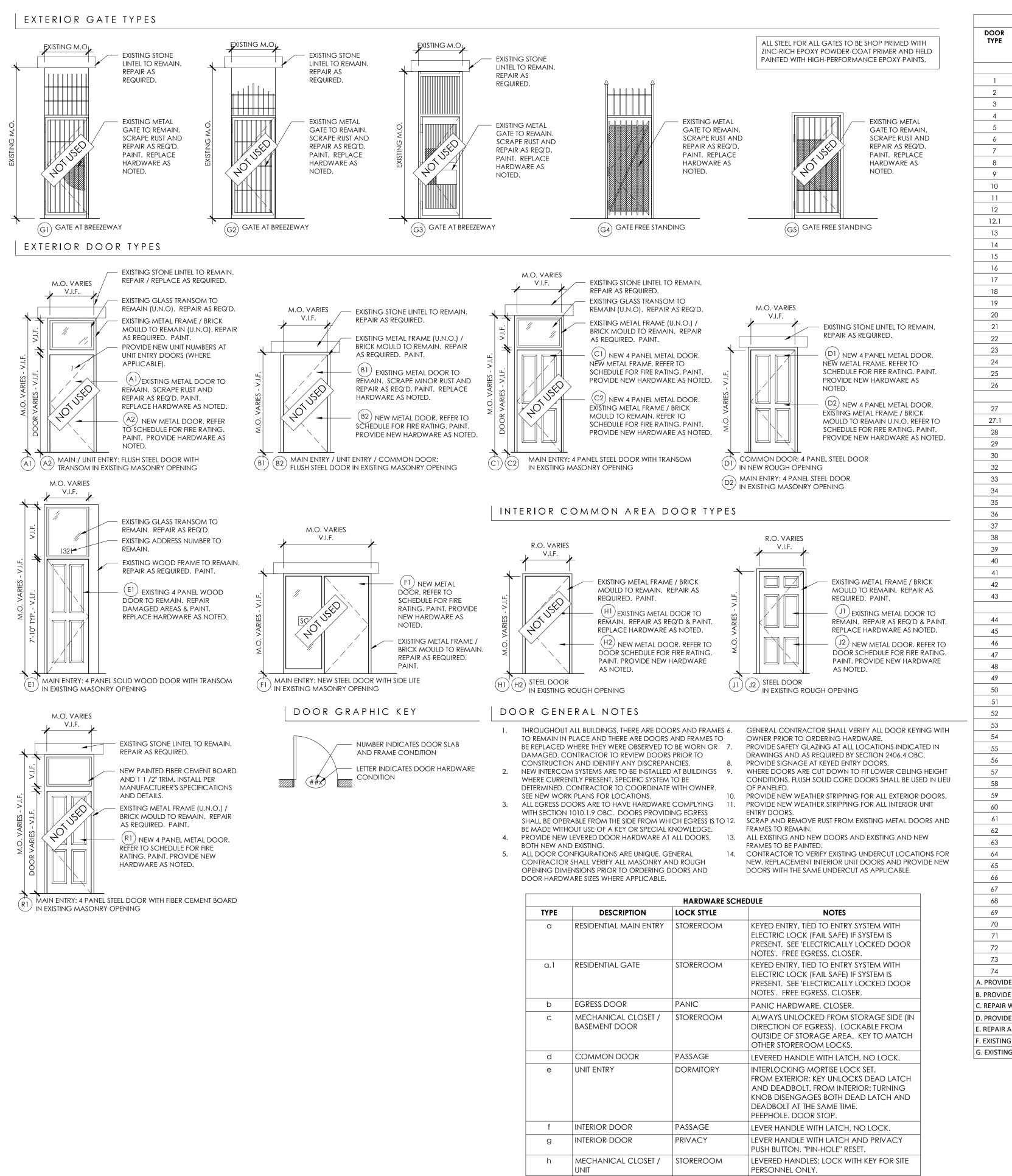
7. USE APPLICATORS AND TECHNIQUES BEST SUITED FOR SUBSTRATE AND TYPE OF MATERIAL BEING APPLIED.

8. APPLY PAINTS ONLY WHEN TEMPERATURE OF SURFACES TO BE PAINTED AND AMBIENT AIR TEMPERATURES ARE BETWEEN 50 AND 95 DEG F

14. CONTRACTOR MUST EVALUATE EXISTING SUBFLOOR CONDITION WHERE FLOOR FINISHES ARE TO BE REMOVED AND INCLUDE ASSOCIATED COSTS FOR 15. ALL NEW FLOORING REQUIRES A LEVEL SUBFLOOR FREE FROM CRACKS, BUMPS AND EXCESSIVE ADHESIVE RESIDUE FROM FORMER FLOORS.

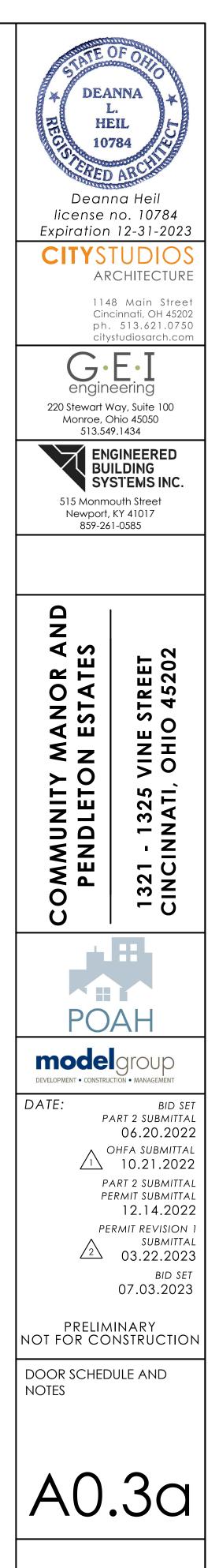
		DESCRIPTION	NOTES	PRODUCT COLOR/ BASIS OF DESIGN
		- -	PAINT	-
ș UNITS	P1	WALL	REPAIR EXISTING GYPSUM BOARD AS REQUIRED AND PAINT. REFER TO GENERAL FINISH NOTES.	SHERWIN WILLIAMS 6378 CRISP LINEN EGGSHELL
ELLING	P2	ACCENT WALL COLOR	REPAIR EXISTING GYPSUM BOARD AS REQUIRED AND PAINT. REFER TO GENERAL FINISH NOTES.	T.B.D.
INTERIOR DWELLING UNITS	P3	KITCHEN AND BATH WALL	REPAIR EXISTING MOLD AND MOISTURE RESISTANT GYPSUM BOARD AS REQUIRED AND PAINT. FOR BATHROOMS WHERE SHOWER VALVES WERE REPLACED BY ACCESS FROM ADJACENT ROOM FROM BEHIND, REPLACE DAMAGED GYPSUM BOARD WITH NEW MOLD AND MOISTURE RESISTANT GYPSUM BOARD AND PAINT. REFER TO GENERAL FINISH NOTES.	SHERWIN WILLIAMS 6378 CRISP LINEN EGGSHELL
	P4	KITCHEN PARTIAL WALL BEADBOARD - WOOD	REPAIR EXISTING WOOD BEADBOARD ON PARTIAL WALL AS REQUIRED AND PAINT. REFER TO GENERAL FINISH NOTES.	T.B.D.
	P5	CEILING	REPAIR EXISTING GYPSUM BOARD AS REQUIRED AND PAINT. REFER TO GENERAL FINISH NOTES.	SHERWIN WILLIAMS 7002 DOWNY FLAT
	P6	DOOR, TRIM, AND INTERIOR UNIT STAIR - WOOD	REPAIR EXISTING WOOD DOOR AND FRAME AS REQUIRED AND PAINT.	SHERWIN WILLIAMS 7102 WHITE FLOUR
			FOR STAIRS, CAULK GAPS AROUND RISERS, TREADS, AND STRINGERS. CAULK BETWEEN STRINGERS AND WALLS. REFER TO GENERAL FINISH NOTES.	
	P7	HANDRAIL COMPONENT - METAL	SECURE EXISTING METAL HANDRAIL COMPONENTS AS REQUIRED. REPAIR OR REPLACE DAMAGED OR RUSTED PARTS AS REQUIRED AND PAINT. REFER TO	T.B.D.
	P8	HANDRAIL COMPONENT -	GENERAL FINISH NOTES. SECURE EXISTING WOOD HANDRAILS AS REQUIRED. REPLACE DAMAGED	Sherwin Williams
	P9	WOOD UNIT ENTRY DOOR - METAL	COMPONENTS AS REQUIRED AND PAINT. REFER TO GENERAL FINISH NOTES. PREPARE DOOR SUBSTRATE AND PAINT. REFER TO DOOR SCHEDULE AND TO	7102 WHITE FLOUR T.B.D.
ES	P10	BUILDING ENTRY DOOR -	GENERAL FINISH NOTES. PREPARE DOOR SUBSTRATE AND PAINT. REFER TO DOOR SCHEDULE AND TO	T.B.D.
SPAC	P11	METAL BUILDING ENTRY DOOR -	GENERAL FINISH NOTES. PREPARE DOOR SUBSTRATE AND PAINT. REFER TO DOOR SCHEDULE AND TO	T.B.D.
NOM	P12	WOOD COMMON DOOR -	GENERAL FINISH NOTES. PREPARE DOOR SUBSTRATE AND PAINT. REFER TO DOOR SCHEDULE AND TO	T.B.D.
COM	P13	METAL	GENERAL FINISH NOTES. REPAIR EXISTING GYPSUM BOARD AND PAINT. REFER TO GENERAL FINISH NOTES.	SHERWIN WILLIAMS
INTERIOR COMMON SPAC	P14	WAINSCOT - WOOD	REPAIR OR REPLACE DAMAGED WAINSCOT AS REQUIRED AND PAINT. REFER TO	6378 CRISP LINEN EGGSHELL T.B.D.
INI			GENERAL FINISH NOTES.	
	P15	Corridor Stair - Wood	REPAIR OR REPLACE DAMAGED STAIR COMPONENTS (RISERS, TREAD, STRINGERS, TRIM) AS REQUIRED. CAULK GAPS AROUND RISERS, TREADS, AND STRINGERS. CAULK	T.B.D.
	P16	HANDRAIL - WOOD HISTORICAL	BETWEEN STRINGERS AND WALLS. PAINT. REFER TO GENERAL FINISH NOTES. SECURE EXISTING HISTORIC WOOD POSTS, BALUSTERS, HANDRAILS. REPAIR OR REPLACE DAMAGED COMPONENTS AS REQUIRED TO MATCH EXISTNG. REFER TO	T.B.D.
EXTERIOR	P17	EXTERIOR WOOD (EXTERIOR CEILINGS - BREEZEWAYS, TRIMS, CORNICES)	GENERAL FINISH NOTES. REFER TO GENERAL FINISH NOTES FOR WOOD SUBSTRATE. REFER TO NEW WORK ELEVATIONS AND PLANS (FOR CEILING INFORMATION) FOR COLOR SCHEMES.	ELEVEN (11) COLORS T.B.D: A, B, C, D, E, F, G, H, J, K, L
EX	P18	EXTERIOR STONE (ACCENT)	REFER TO GENERAL FINISH NOTES FOR STONE SUBSTRATE. REFER TO NEW WORK ELEVATIONS FOR COLOR SCHEMES.	TWO (2) COLORS T.B.D.: M, N
	P19	FIRE ESCAPE - METAL	REMOVE RUST AND PROVIDE RUST INHIBITIVE PAINT. REFER TO NEW WORK ELEVATIONS FOR COLOR SCHEMES.	TWO (2) COLORS T.B.D.:
	P20	EXTERIOR METAL (STOREFRONTS, GATES, FENCES, GUARDRAILS, HANDRAILS, BASEMENT SIDEWALK DOORS)	SECURE EXISTING METAL GUARDRAILS AND HANDRAILS. REPLACE OR REPAIR DAMAGED OR RUSTED COMPONENTS AS REQUIRED. PROVIDE RUST INHIBITIVE PAINT. REFER TO GENERAL FINISH NOTES. REFER TO NEW WORK ELEVATIONS FOR COLOR SCHEMES.	P, Q FIVE (5) COLORS T.B.D.: R, S, S.1, T, U
	P21	EXTERIOR STUCCO/PARGE	REFER TO GENERAL FINISH NOTES. REFER TO NEW WORK ELEVATIONS FOR COLOR SCHEMES.	ONE (1) COLOR T.B.D: V
	P22	EXTERIOR FIBER CEMENT BOARD (ABOVE MAIN ENTRY DOORS 1320 REPUBLIC)	REFER TO GENERAL FINISH NOTES. REFER TO NEW WORK ELEVATIONS FOR COLOR SCHEMES.	ONE (1) COLOR T.B.D.: W
	P23	EXTERIOR CONCRETE (WALL IN REAR YARD 1221	REFER TO GENERAL FINISH NOTES FOR BRICK SUBSTRATE. REFER TO NEW WORK ELEVATIONS FOR COLOR SCHEMES.	ONE (1) COLOR T.B.D.: X
		JACKSON)	FLOORS	
DWELLING UNITS	Fl	KITCHEN CERAMIC FLOOR TILE (EXISTING)	CLEAN TILE. REPAIR AND CLEAN GROUT. REPLACE ISOLATED DAMAGED TILES WITH NEW. MATCH EXISTING COLOR. SEE NEW	MATCH EXISTING TILE AND GROUT COLOR
VELLIN	F2		WORK PLAN DRAWINGS FOR LOCATIONS. CLEAN TILE.	MATCH EXISTING TILE AND
DV		TILE (EXISTING)	REPAIR AND CLEAN GROUT. REPLACE ISOLATED DAMAGED TILES WITH NEW. MATCH EXISTING COLOR. SEE NEW WORK PLAN DRAWINGS FOR LOCATIONS.	GROUT COLOR
S & NON CES	F3		REFINISH EXISTING HARDWOOD. REMOVE AND REPLACE EXISTING SHOE MOLDS WITH NEW PAINTED SHOE MOLDS.	MATCH EXISTING COLOR FINISH
UWELLING UNITS & COMMON SPACES	F4 (RUBBER TREADS ON WOOD STAIR	REMOVE EXISTING TREADS. REPAIR, CLEAN, AND PAINT WOOD STAIRS AS REQUIRED.	JOHNSONITE FULL RUBBER STAIR TREAD 22 PEARL CB
COM MON SPACE S	F5	QUARY TILES	CLEAN QUARRY TILE. REPAIR AND CLEAN GROUT.	MATCH EXISTING TILE AND GROUT COLOR
SPA		(EXISTING)	REPAIR AND CLEAN GROUT. REPLACE ISOLATED CRACKED TILES AS NEEDED. WALL TILE	
IS	T1	EXISTING BATHROOM WALL	EXISTING WAINSCOT TO REMAIN.	MATCH EXISTING TILE AND
NG UNI		CERAMIC TILE	CLEAN TILE AND REPLACE ISOLATED DAMAGED TILES. REPLACE GROUT.	GROUT COLOR
DWELLING UNITS			TILE TUB SURROUND TO REMAIN. CLEAN TILE AND REPLACE ISOLATED DAMAGED TILES. REPLACE GROUT.	ALTERNATES 1 AND 2 (RESURFACING INFO) -
			IN AREAS WHERE A PORTION OF TUB SURROUND HAS BEEN REMOVED TO PREPLACE SHOWER VALVE, REPAIR WITH MOLD/MOISTURE RESISTANT GYPSUM BOARD AND NEW WALL TILES AND GROUT TO MATCH EXISTING.	* PREFERRED PRODUCTS: 1. MIDWEST CHEMICALS - PROTECTHANE 2. HAWK RESEARCH LABORATORIES, INC ISOFREE
			ALTERNATE 1 (A1) BATHROOM WAINSCOT REPLACE ISOLATED DAMAGED TILES. RESURFACE TILE WAINSCOT WITH PREFERRED RESURFACING PRODUCT* PER MANUFACTURER'S INSTRUCTIONS.	PLUS 3. DIVERSIFIED COATINGS - ISOFREE
			ALTERNATE 2 (A2) BATHTUB TILE SURROUND REPLACE ISOLATED DAMAGED TILES. RESURFACE TUB SURROUND WITH PREFERRED PRODUCT* PER MANUFACTURER'S INSTRUCTIONS.	



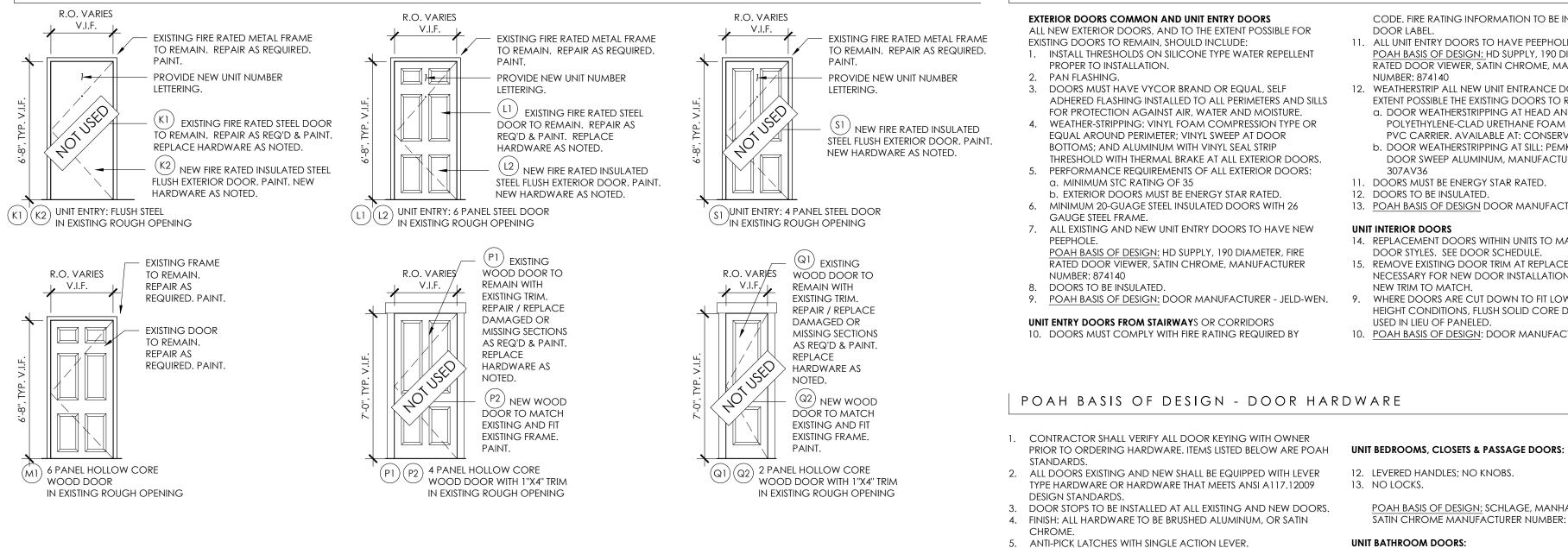


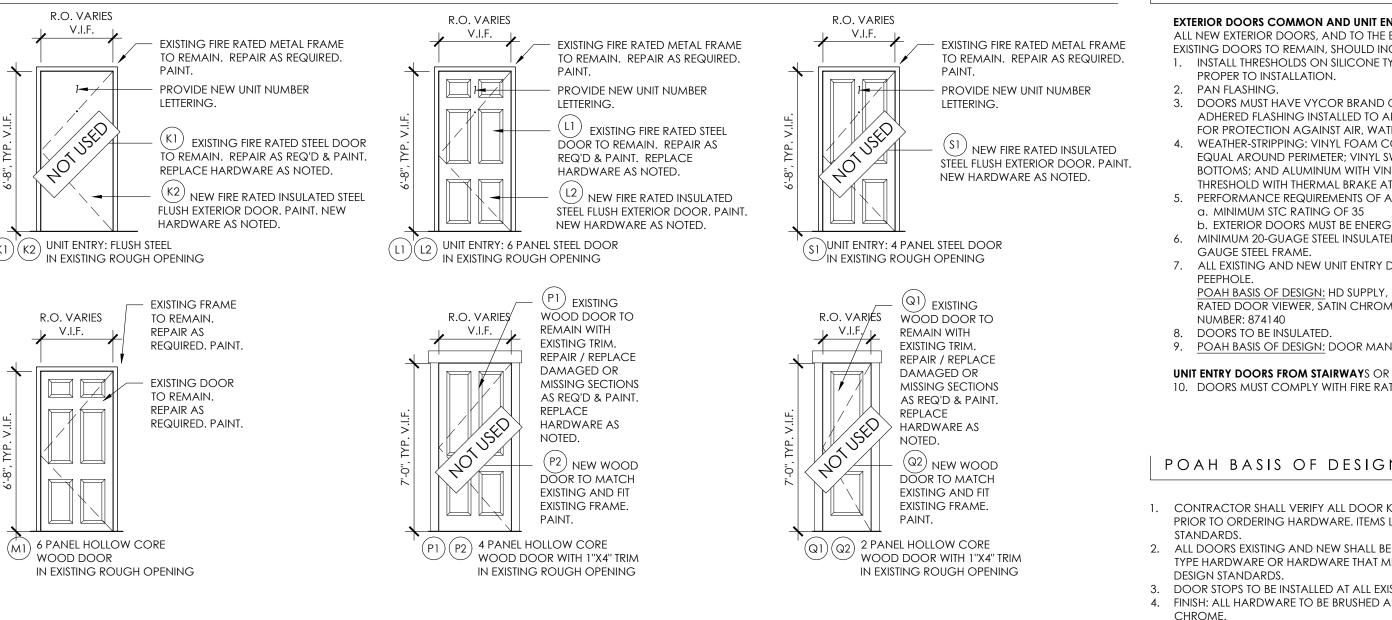
STOREROOM	ALWAYS UNLOCKED FROM STORAGE SIDE (IN DIRECTION OF EGRESS). LOCKABLE FROM OUTSIDE OF STORAGE AREA. KEY TO MATCH OTHER STOREROOM LOCKS.
PASSAGE	LEVERED HANDLE WITH LATCH, NO LOCK.
DORMITORY	INTERLOCKING MORTISE LOCK SET. FROM EXTERIOR: KEY UNLOCKS DEAD LATCH AND DEADBOLT. FROM INTERIOR: TURNING KNOB DISENGAGES BOTH DEAD LATCH AND DEADBOLT AT THE SAME TIME. PEEPHOLE. DOOR STOP.
PASSAGE	LEVER HANDLE WITH LATCH, NO LOCK.
PRIVACY	LEVER HANDLE WITH LATCH AND PRIVACY PUSH BUTTON. "PIN-HOLE" RESET.
STOREROOM	LEVERED HANDLES; LOCK WITH KEY FOR SITE PERSONNEL ONLY.

			R			D	OOR SCHE			PD 4	FRAME I	RA	FR 4 1	
DOR YPE	DOOR EXIST-IN NEW G	SIZE	DOOR STYLE	HEAD DTL	JAMB DTL	SILL DTL	DOOR	DOOR	FRAME EXIST-ING NEW	FRAME FIRE RATING	FRAME	DOOR FINISH	FRAME FINISH	NOTES
	U						RATING EXTERIOR DO	ORS						
1	•	± 3'-0" x 6'-8" V.I.F.	A1				-	STEEL	•	-	STEEL	PAINT	PAINT	G
2	•	± 3'-0" x 6'-8" V.I.F.	A2				-	STEEL	•	-	STEEL	PAINT	PAINT	G
3	•	± 3'-0" x 6'-8" V.I.F.	A2				90 MIN	STEEL	•	90 MIN	STEEL	PAINT	PAINT	G
4 5	•	± 3'-0" x 6'-8" V.I.F.	A2			NO.	90 MIN T USED	STEEL	•	90 MIN	STEEL	PAINT	PAINT	А, В
6	•	± 3'-0" x 6'-8" V.I.F.	B2				-	STEEL	•	-	STEEL	PAINT	PAINT	A
7	•	± 3'-0" x 6'-8" V.I.F.	B1				90 MIN	STEEL	•	90 MIN	STEEL	PAINT	PAINT	G
8	•	± 3'-0" x 6'-8" V.I.F.	B2				90 MIN	STEEL	•	90 MIN	STEEL	PAINT	PAINT	G
9	•	± 3'-0" x 6'-8" V.I.F.	B2				90 MIN	STEEL	•	90 MIN	STEEL	PAINT	PAINT	A
10 11	•	± 3'-0" x 6'-8" V.I.F. ± 3'-0" x 6'-8" V.I.F.	D2 C2				-	STEEL STEEL	•	90 MIN	STEEL STEEL	PAINT	PAINT PAINT	G F, G
12	•	± 3'-0" x 6'-8" V.I.F.	C1				-	STEEL	•	_	STEEL	PAINT	PAINT	A
2.1	•	± 3'-0" x 6'-8" V.I.F.	D1				-	STEEL	•	-	STEEL	PAINT	PAINT	А
13	•	± 3'-0" x 6'-8" V.I.F.	C2				90 MIN	STEEL	•	90 MIN	STEEL	PAINT	PAINT	F, G
4 5	•	± 3'-0" x 6'-8" V.I.F. ± 3'-0" x 6'-8"	C1 D1				90 MIN 60 MIN	STEEL STEEL	•	90 MIN 60 MIN	STEEL STEEL	PAINT	PAINT PAINT	A
16	•	± 2'-8" x 6'-8" V.I.F.	Cl				-	STEEL	•	-	STEEL	PAINT	PAINT	A, B
17	•	± 3'-0" x 6'-8" V.I.F.	R1				-	STEEL	•	-	STEEL	PAINT	PAINT	A
8	•	± 3'-0" x 6'-8" V.I.F.	R1				90 MIN	STEEL	•	90 MIN	STEEL	PAINT	PAINT	A
19	•	± 2'-6" x 6'-8" V.I.F.	D2				90 MIN	STEEL	•	90 MIN	STEEL	PAINT	PAINT	A
20 21	•	± 2'-10" x 7'-10" V.I.F. ± 3'-0" x 6'-8" V.I.F.	E1 F1				-	WOOD STEEL	•	-	WOOD STEEL	PAINT	PAINT PAINT	C G
22	•	± 3'-0" x 6'-8" V.I.F.	Gl				-	STEEL	•	-	STEEL	PAINT	PAINT	G
23	•	± 3'-0" x 6'-8" V.I.F.	G2				-	STEEL	•	-	STEEL	PAINT	PAINT	G
24	•	± 3'-0" x 6'-8" V.I.F.	G3				-	STEEL	•	-	STEEL	PAINT	PAINT	G
25	•	± 3'-0" x 6'-8" V.I.F.	G4				-	STEEL	•	-	STEEL	PAINT	PAINT	G
26	•	± 3'-0" x 6'-8" V.I.F.	G5			INTERIO	- R COMMON A	STEEL	•	-	STEEL	PAINT	PAINT	G
27	•	± 3'-0" x 6'-8" V.I.F.	H1				-	STEEL	•	-	STEEL	PAINT	PAINT	G
7.1	•	± 3'-0" x 6'-8" V.I.F.	B2				-	STEEL	•	-	STEEL	PAINT	PAINT	A
28	•	± 3'-0" x 6'-8" V.I.F.	H1				90 MIN	STEEL	•	90 MIN	STEEL	PAINT	PAINT	G
29 30	•	± 3'-0" x 6'-8" V.I.F. ± 3'-0" x 6'-8" V.I.F.	H2 H2				90 MIN 90 MIN	STEEL STEEL	•	90 MIN 60 MIN	STEEL STEEL	PAINT	PAINT PAINT	G A
32	•	± 2'-8" x 6'-8" V.I.F.	HI				-	STEEL	•	-	STEEL	PAINT	PAINT	G
33	•	± 2'-8" x 6'-8" V.I.F.	H2				-	STEEL	•	_	STEEL	PAINT	PAINT	G
34	•	± 2'-8" x 6'-8" V.I.F.	H2				-	STEEL	•	-	STEEL	PAINT	PAINT	G
35	•	± 2'-8" x 6'-8" V.I.F.	H1				90 MIN	STEEL	•	90 MIN	STEEL	PAINT	PAINT	G
36 37	•	± 2'-8" x 6'-8" V.I.F. ± 2'-6" x 6'-8" V.I.F.	H2 H1				90 MIN 90 MIN	STEEL STEEL	•	90 MIN 90 MIN	STEEL STEEL	PAINT PAINT	PAINT PAINT	G G
38	•	± 2'-6" x 6'-8" V.I.F.	H2				90 MIN	STEEL	•	90 MIN	STEEL	PAINT	PAINT	A
39					I	NO	T USED	1						
40	•	± 2'-8" x 6'-8" V.I.F.	JI				-	STEEL	•	-	STEEL	PAINT	PAINT	G
41 42	•	± 2'-8" x 6'-8" V.I.F.	Jl				90 MIN	STEEL	•	90 MIN	STEEL	PAINT	PAINT	G
43							T USED							
				1	1	INTERI	OR TYPICAL UI	NIT DOORS	1					1
44	•	± 3'-0" x 6'-8" V.I.F.	KI				90 MIN	STEEL	•	90 MIN	STEEL	PAINT	PAINT	G
45 46	•	± 3'-0" x 6'-8" V.I.F. ± 2'-8" x 6'-8" V.I.F.	K2 K1				90 MIN 90 MIN	STEEL STEEL	•	90 MIN 90 MIN	STEEL STEEL	PAINT	PAINT PAINT	G G
46 47	•	± 2'-6" x 6'-8" V.I.F.	P1				60 MIN	STEEL	•	60 MIN	STEEL	PAINT	PAINT	G
48	•	± 2'-8" x 7'-0" V.I.F.	K2				90 MIN	STEEL	•	90 MIN	STEEL	PAINT	PAINT	G
49	•	± 2'-8" x 8'-0" V.I.F.	K1				90 MIN	STEEL	•	90 MIN	STEEL	PAINT	PAINT	G
50	•	± 2'-8" x 8'-0" V.I.F.	K2				90 MIN	STEEL	•	90 MIN	STEEL	PAINT	PAINT	G
51 52	•	± 2'-8" x 6'-8" V.I.F. ± 2'-8" x 6'-8" V.I.F.	L1 L2				90 MIN 90 MIN	STEEL STEEL	•	90 MIN 90 MIN	STEEL STEEL	PAINT	PAINT PAINT	G G
53	•	± 2'-8" x 6'-8" V.I.F.	M1				-	HW	•	-	HW	PAINT	PAINT	E
54	•	± 2'-6" x 6'-8" V.I.F.	M1				-	HW	•	-	HW	PAINT	PAINT	E
55	•	± 2'-4" x 8'-0" V.I.F.	M1				-	HW	•	-	НW	PAINT	PAINT	E
56	•	± 2'-2" x 6'-8" V.I.F.	M1				-	HW	•	-	HW	PAINT	PAINT	E
57 58	•	± 2'-0" x 6'-8" V.I.F. ± 3'-0" x 6'-8" V.I.F.	M1 P1				-	HW	•	-	HW HW	PAINT	PAINT PAINT	E
59 59	•	± 2'-10" x 6'-8" V.I.F.	P1				-	HW	•	-	HW	PAINT	PAINT	E
60	•	± 2'-8" x 6'-8" V.I.F.	P1				-	HW	•	-	НW	PAINT	PAINT	E
51	•	± 2'-6" x 6'-8" V.I.F.	P1				-	HW	•	-	HW	PAINT	PAINT	E
52 (3	•	± 2'-6" x 6'-8" V.I.F.	P2				-	HW HW	•	-	HW	PAINT	PAINT	E D
53 54	•	± 2'-6" x 6'-8" V.I.F. ± 2'-4" x 6'-8" V.I.F.	P2 P1				-	HW	•	-	HW HW	PAINT PAINT	PAINT PAINT	E
5 5	•	± 2'-4" x 6'-8" V.I.F.	P2				-	HW	•	-	HW	PAINT	PAINT	E
66	•	± 2'-2" x 6'-8" V.I.F.	P1				-	HW	•	-	НW	PAINT	PAINT	E
67	•	± 2'-2" x 6'-8" V.I.F.	P2				-	HW	•	-	HW	PAINT	PAINT	E
68 (9	•	± 2'-0" x 6'-8" V.I.F.	Q1 Q1				-	HW HW	•	-	HW HW	PAINT PAINT	PAINT PAINT	E
59 70	•	± 1'-10" x 6'-8" V.I.F. ± 1'-8" x 6'-8" V.I.F.	Ql				-	HW	•	-	HW HW	PAINI	PAINI PAINT	E
71	•	± 1'-6" x 6'-8" V.I.F.	Ql				-	HW	•	-	HW	PAINT	PAINT	E
72	•	± 1'-4" x 6'-8" V.I.F.	Q1				-	HW	•	-	НW	PAINT	PAINT	E
	•	± 1'-2" x 6'-8" V.I.F.	Q1				-	HW	•	-	HW	PAINT	PAINT	E
73	NEW PAINTED META	± 3'-0" x 6'-8" V.I.F. L DOOR FRAME IN EXIST				R FIRE DATING	90 MIN	STEEL	●	90 MIN	STEEL	PAINT	PAINT	G
74							•							
74 OVIDI		M. MATCH FIRF RATING	ON DOOR /	AND FRAME 11) $FIRF RATING-$	ΟΝ ΤΡΔΝΚΟΜ	ר REFER TO DO	JOR SCHEDI	ULE.					
74 OVIDE OVIDE	E NEW GLASS TRANSO WEATHERED EDGES AN	M. MATCH FIRE RATING												
4 DVIDE DVIDE PAIR \		ND DAMAGED PARTS OF												



INTERIOR UNIT DOOR TYPES





KEYING FOR COMMON SPACES AND UNIT ENTRIES:

6. KEY TREE TO BE REVIEWED BY POAH.

- 7. NO GRAND MASTER KEY FOR DWELLING UNITS. 8. INCLUDE 4-5 CORES AS ADDITIONAL STOCK FOR UNIT ENTRY
- DOORS TO ACCOMMODATE UNIT TURNS.
- 9. SITE STAFF TO USE HANDYTRAC KEY CONTROL SYSTEM. 10. MAIN BUILDING ENTRIES EQUIPPED WITH KNOX BOX ENTRY SYSTEM FOR LOCAL FIRE DEPARTMENT. PROVIDE NEW IF NOT PRESENT.
- 11. UNIT ENTRANCE (FROM EXTERIOR + FROM CORRIDOR): DOORS SHALL BE EQUIPPED WITH INTERLOCKING MORTISE LOCK SETS. OPERATION OF THE LOCK SET SHALL INCLUDE THE FOLLOWING FEATURES:
 - a. FROM EXTERIOR OF UNIT ENTRANCE, KEY UNLOCKS BOTH DEAD LATCH AND DEADBOLT. b. FROM INTERIOR OF UNIT ENTRANCE, TURNING KNOB
 - DISENGAGES BOTH DEAD LATCH AND DEADBOLT AT THE SAME TIME.

POAH BASIS OF DESIGN: SCHLAGE, MORTISE STOREROOM LOCKSET, 06 LEVER, INTERCONNECTED LOCK, MANUFACTURER NUMBER: L9080L 07A 626

POAH BASIS OF DESIGN - DOORS

		CODE. FIRE RATING INFORMATION TO BE INCLUDED ON
BLE FOR		DOOR LABEL.
	11.	ALL UNIT ENTRY DOORS TO HAVE PEEPHOLE.
PELLENT		POAH BASIS OF DESIGN: HD SUPPLY, 190 DIAMETER, FIRE
		RATED DOOR VIEWER, SATIN CHROME, MANUFACTURER
		NUMBER: 874140
LF	12.	WEATHERSTRIP ALL NEW UNIT ENTRANCE DOORS AND TO THE
s and sills		EXTENT POSSIBLE THE EXISTING DOORS TO REMAIN USING:
TURE.		a. DOOR WEATHERSTRIPPING AT HEAD AND JAMB: Q-LON,
TYPE OR		POLYETHYLENE-CLAD URETHANE FOAM SECURED TO A
DR		PVC CARRIER. AVAILABLE AT: CONSERVATION MAR
		b. DOOR WEATHERSTRIPPING AT SILL: PEMKO FIRE-RATED
R DOORS.		DOOR SWEEP ALUMINUM, MANUFACTURER NUMBER:
doors:		307AV36
		DOORS MUST BE ENERGY STAR RATED.
л. ТН 26		DOORS TO BE INSULATED.
H 26	13.	POAH BASIS OF DESIGN DOOR MANUFACTURER: JELD-WEN
VE NEW	UNI	T INTERIOR DOORS
	14.	REPLACEMENT DOORS WITHIN UNITS TO MATCH EXISTING
R, FIRE		DOOR STYLES. SEE DOOR SCHEDULE.
TURER	15.	REMOVE EXISTING DOOR TRIM AT REPLACEMENT DOOR AS
		NECESSARY FOR NEW DOOR INSTALLATION AND INSTALL
		NEW TRIM TO MATCH.
JELD-WEN.	9.	WHERE DOORS ARE CUT DOWN TO FIT LOWER CEILING
		HEIGHT CONDITIONS, FLUSH SOLID CORE DOORS SHALL BE
		USED IN LIEU OF PANELED.
DBY	10.	POAH BASIS OF DESIGN: DOOR MANUFACTURER - JELD-WEN

12. LEVERED HANDLES; NO KNOBS.

15. PROVIDE LOCK WITH "PIN-HOLE" RESET.

UNIT MECHANICAL CLOSETS:

16. LEVERED HANDLES; NO KNOBS.

POAH BASIS OF DESIGN: SCHLAGE, MANHATTAN PASSAGE LEVER,

POAH BASIS OF DESIGN: SCHLAGE, MANHATTAN PRIVACY LEVER

POAH BASIS OF DESIGN: SCHLAGE, MANHATTAN ENTRY LEVER,

SATIN CHROME MANUFACTURER NUMBER: F10MNH

SATIN CHROME, MANUFACTURER NUMBER: F40MNH

17. REQUIRED: LOCK WITH KEY FOR SITE PERSONNEL ONLY.

18. SECURED AND ACCESSED BY SITE PERSONNEL ONLY.

SATIN CHROME, MANUFACTURER NUMBER: F51MNH

13. NO LOCKS.

- UNIT BATHROOM DOORS:
- 14. LEVERED HANDLES; NO KNOBS.

DEANNA HEIL 10784 Deanna Heil license no. 10784 Expiration 12-31-2023 CITYSTUDIOS ARCHITECTURE 1148 Main Street Cincinnati, OH 45202 ph. 513.621.0750 citystudiosarch.com G.F. engineering 220 Stewart Way, Suite 100 Monroe, Ohio 45050 513.549.1434 ENGINEERED BUILDING SYSTEMS INC. 515 Monmouth Street Newport, KY 41017 859-261-0585 Ζ A S 2 ЧЧЧ EET 20; 0 < **TR** 45 ST N NE S HIO ЧШ Σ 20 **≻** 0 1325 NATI, \vdash — ш ΖJ ιZ ξZ ₹ ∎ 32 IN Ο O POAF modelgroup DEVELOPMENT • CONSTRUCTION • MANAGEMENT DATE: BID SET PART 2 SUBMITTAL 06.20.2022 OHFA SUBMITTAL 10.21.2022 PART 2 SUBMITTAL PERMIT SUBMITTAL 12.14.2022 PERMIT REVISION SUBMITTAL $\sqrt{2}$ 03.22.2023 bid Set 07.03.2023 PRELIMINARY NOT FOR CONSTRUCTION DOOR SCHEDULE AND NOTES CONTINUED A0.3b

WINDOW GENERAL NOTES

WINDOW SCHEDULE GENERAL NOTES

- A. UNLESS NOTED OTHERWISE, PROVIDE A NEW INSECT SCREEN AT ALL OPERABLE WINDOWS. INSECT SCREENS SHALL COVER THE ENTIRE WINDOW INCLUDING ANY FIXED OR INOPERABLE SASHES.
- B. WINDOW SASHES LOCATED WITHIN 3'-0" OF AN EXHAUST VENT SHALL BE PERMANENTLY FIXED IN PLACE (SEE KEYNOTE 22 ON NEW WORK ELEVATIONS FOR LOCATIONS).
- C. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING OPENINGS AND PROVIDE CUSTOM WINDOW SIZES AS REQUIRED TO FULLY FILL EXISTING OPENINGS.

D. PROVIDE CONCEALED JAMB LINERS AT ALL REPLACEMENT WINDOWS.

- E. PROVIDE NEW HORIZONTAL LOUVER BLINDS WITH 2" FAUX WOOD SLATS FOR ALL WINDOWS IN ALL ROOMS IN ALL LIVING UNITS. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS. SLAT WIDTH: 2 INCH. COLOR: TBD. ACCEPTABLE MANUFACTURERS: LEVOLOR CONTRACT (A NEWELL RUBBERMAID COMPANY), SPRINGS WINDOW FASHIONS (SWF CONTRACT).
- F. WINDOW OPENING CONTROL DEVICES: PER OBC 1015.8 & 1015.8.1, OPERABLE WINDOWS WHERE THE TOP OF THE SILL IS LOCATED LESS THAN 36" AFF, AND MORE THAN 72" ABOVE GRADE OR OTHER SURFACE ON THE EXTERIOR OF THE BUILDING, SHALL BE PROVIDED WITH WINDOW OPENING CONTROL DEVICES THAT COMPLY WITH ASTM F 2090. AFTER OPERATION TO RELEASE THE CONTROL DEVICE, THE WINDOW SHALL BE OPENABLE TO IT FULL OPEN POSITION. (VERIFY WINDOW SILL HEIGHTS IN FIELD.)

SAFETY GLAZING NOTES:

- PROVIDE SAFETY GLAZING AT ALL LOCATIONS INDICATED IN DRAWINGS AND AS REQUIRED BY SECTION 2406.4 OBC.
- ALL GLAZING WITH THE BOTTOM EDGE LESS THAN 18" A.F.F. AND THE TOP EDGE GREATER THAN 36" A.F.F.
 ALL GLAZING LOCATED WITHIN A 24" OF EITHER VERTICAL EDGE OF A DOOR IN
- THE CLOSED POSITION
- ALL GLAZING WITHIN A DOOR.ALL GLAZING LOCATED ADJACENT TO A BATHTUBS AND SHOWERS
- ALL GLAZING LOCATED ADJACENT TO A STAIRS, RAMPS AND LANDINGS
- ALL GLAZING IN BOTTOM SASH OF WINDOW ALONG FIRE ESCAPE LANDINGS.

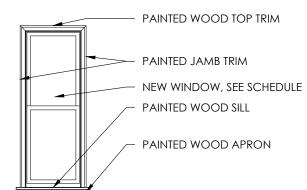
WINDOW SYMBOLS KEY



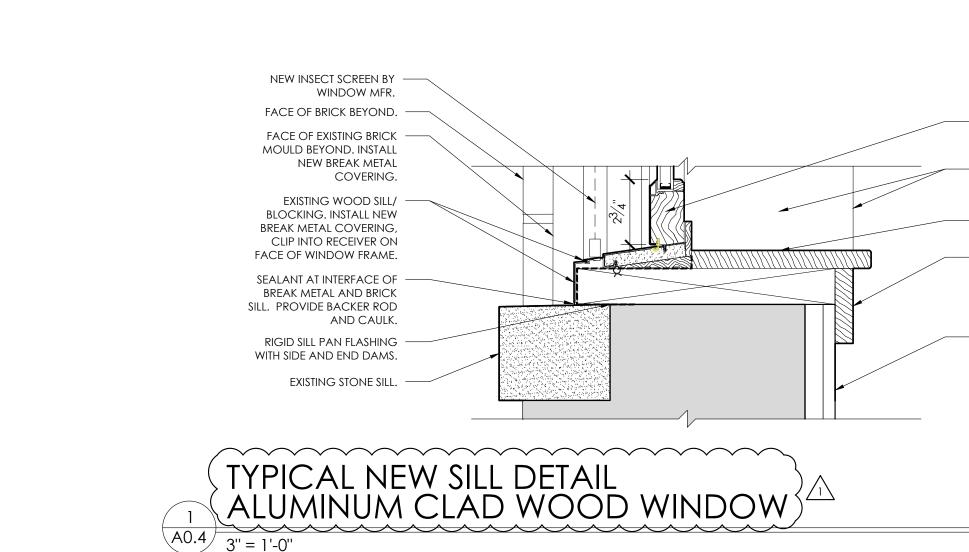
FOR LOCATIONS INDICATES OPENING PROTECTED WITH "WATER CURTAIN" TYPE SPRINKLER HEAD PER OBC 106.5. REFER TO "FIRE PROTECTION" ON SHEET

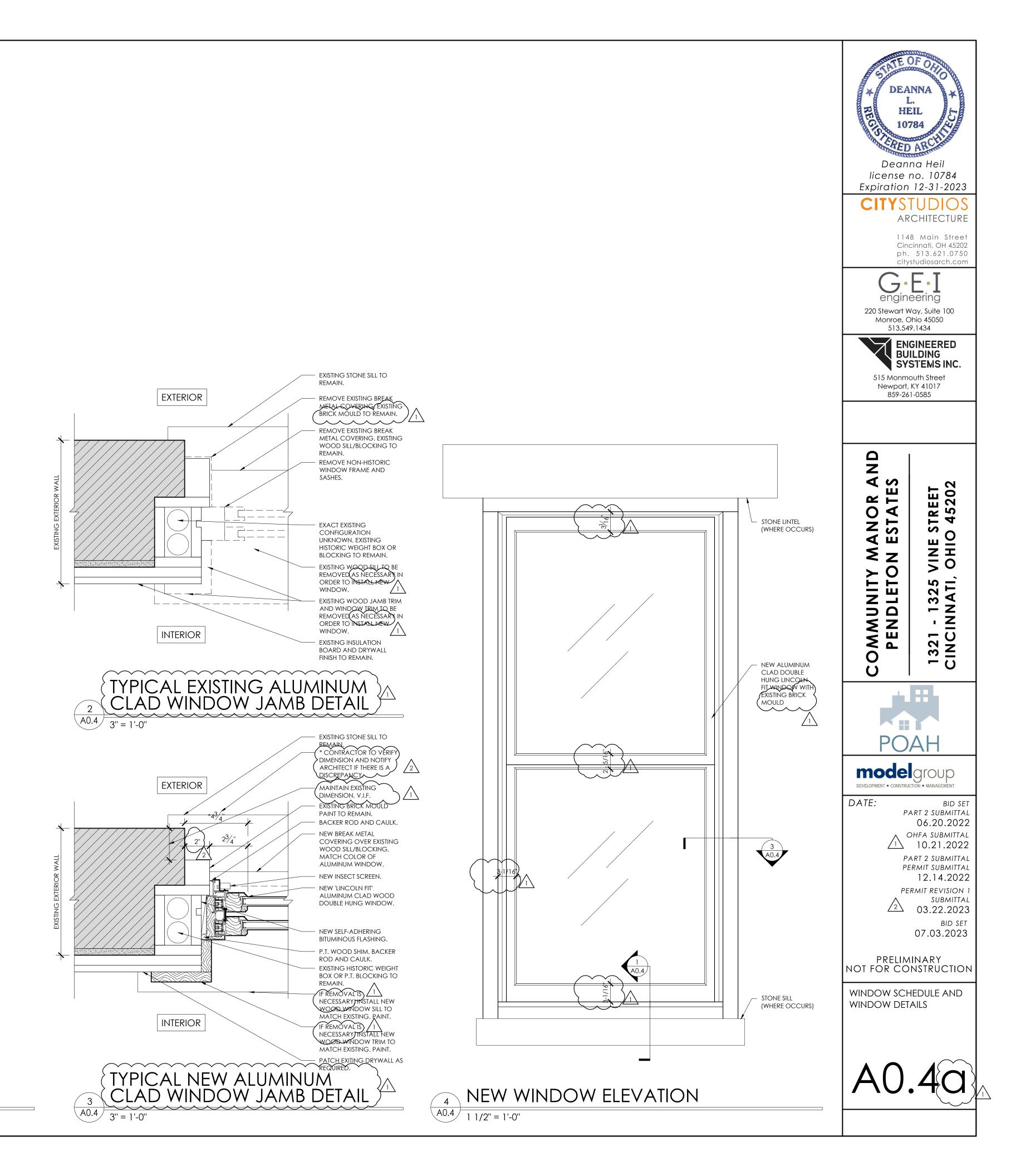
A0.0a FOR ADDITIONAL REQUIREMENTS.

WHERE INTERIOR WINDOW TRIM IS MISSING OR REMOVED FOR NEW WINDOW INSTALLATION, PROVIDE NEW WOOD TRIM TO MATCH EXISTING.



		WINDOW SCHEDULE								
	WINDOW NO.	EXST	NEW	WINDOW TYPE	MATERIAL	HEAD DTL	JAMB DTL	SILL DTL	MANUFACTURER (BASIS OF DESIGN)	NOTES
	1		•	1/1 DOUBLE HUNG	NEW ALUMINUM CLAD WOOD		3/A0.4a	1/A0.4a	LINCOLN FIT	- CUSTOM SIZE TO FIT EXISTING OPENING - EXISTING WEIGHT BOX / BLOCKING TO REMAIN - PROVIDE P.T. BLOCKING / SHIM AS REQUIRED
{	2	· · ·	•	1/1 DOUBLE HUNG	NEW ALUMINUM		3/A0.4b	1/A0.4b	CRYSTAL-2000A	- CUSTOM SIZE TO FIT EXISTING OPENING - CUSTOM SIZE TO FIT EXISTING OPENING - EXISTING WEIGHT BOX / BLOCKING TO REMAIN - PROVIDE P.T. BLOCKING / SHIM AS REQUIRED



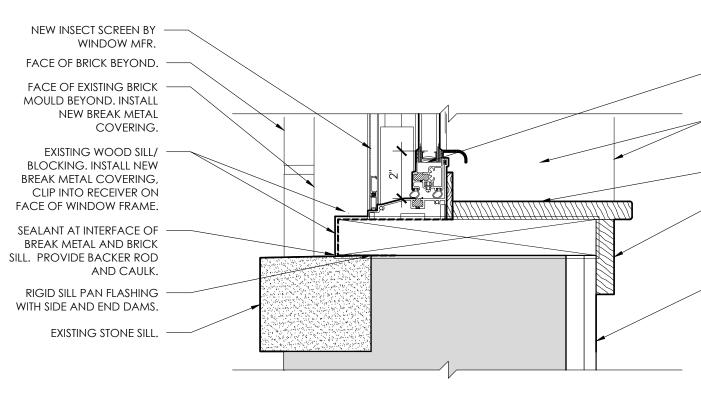


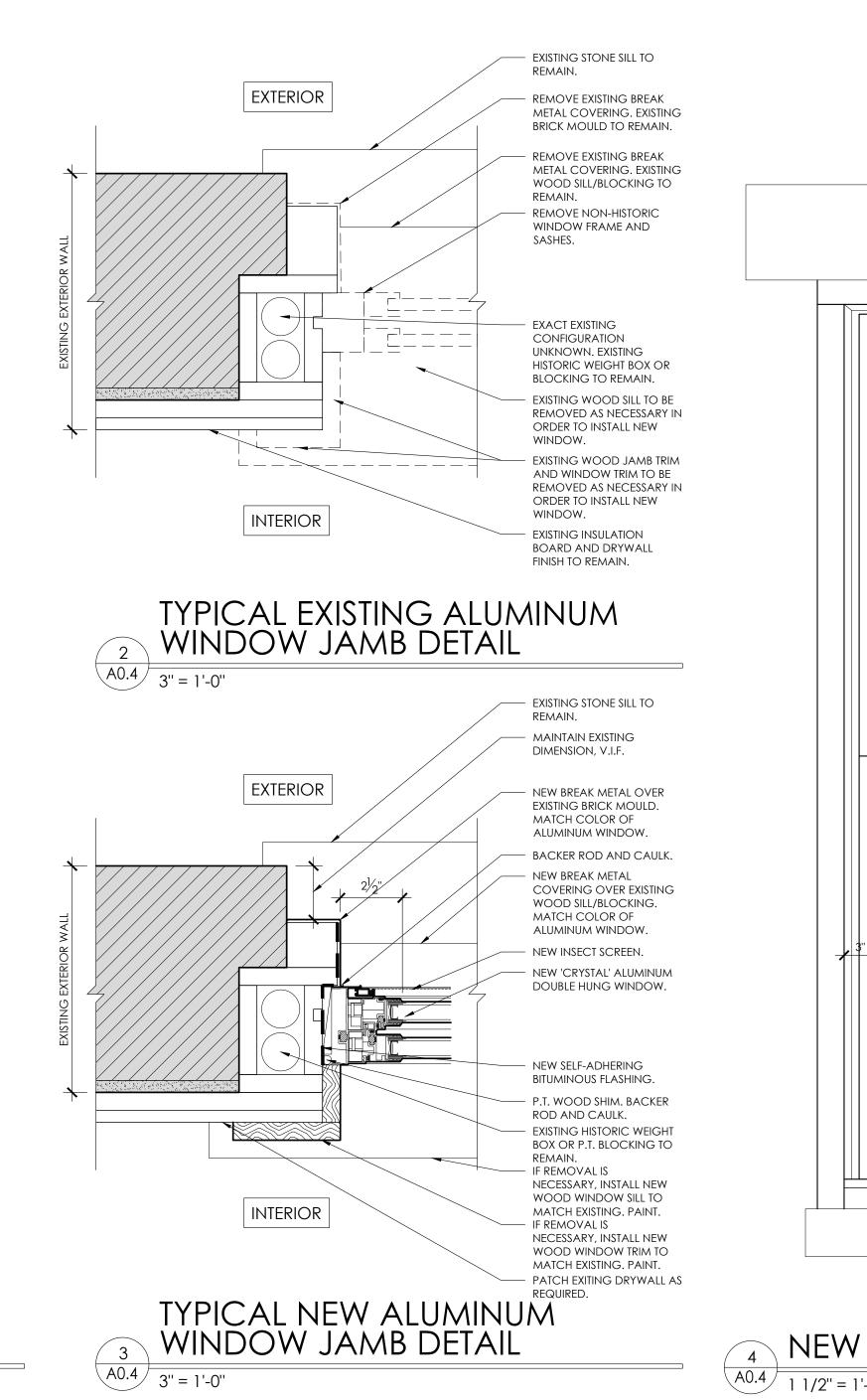
NEW LINCOLN FIT ALUMINUM CLAD WOOD WINDOW. NEW WOOD JAMB AND WINDOW TRIM TO MATCH EXISTING. PAINT.

NEW WOOD SILL TO MATCH EXISTING. PAINT.
EXISTING WOOD APRON. PAINT.

EXISTING INSULATION BOARD AND DRYWALL FINISH TO REMAIN.

TYPICAL NEW SILL DETAIL ALUMINUM WINDOW





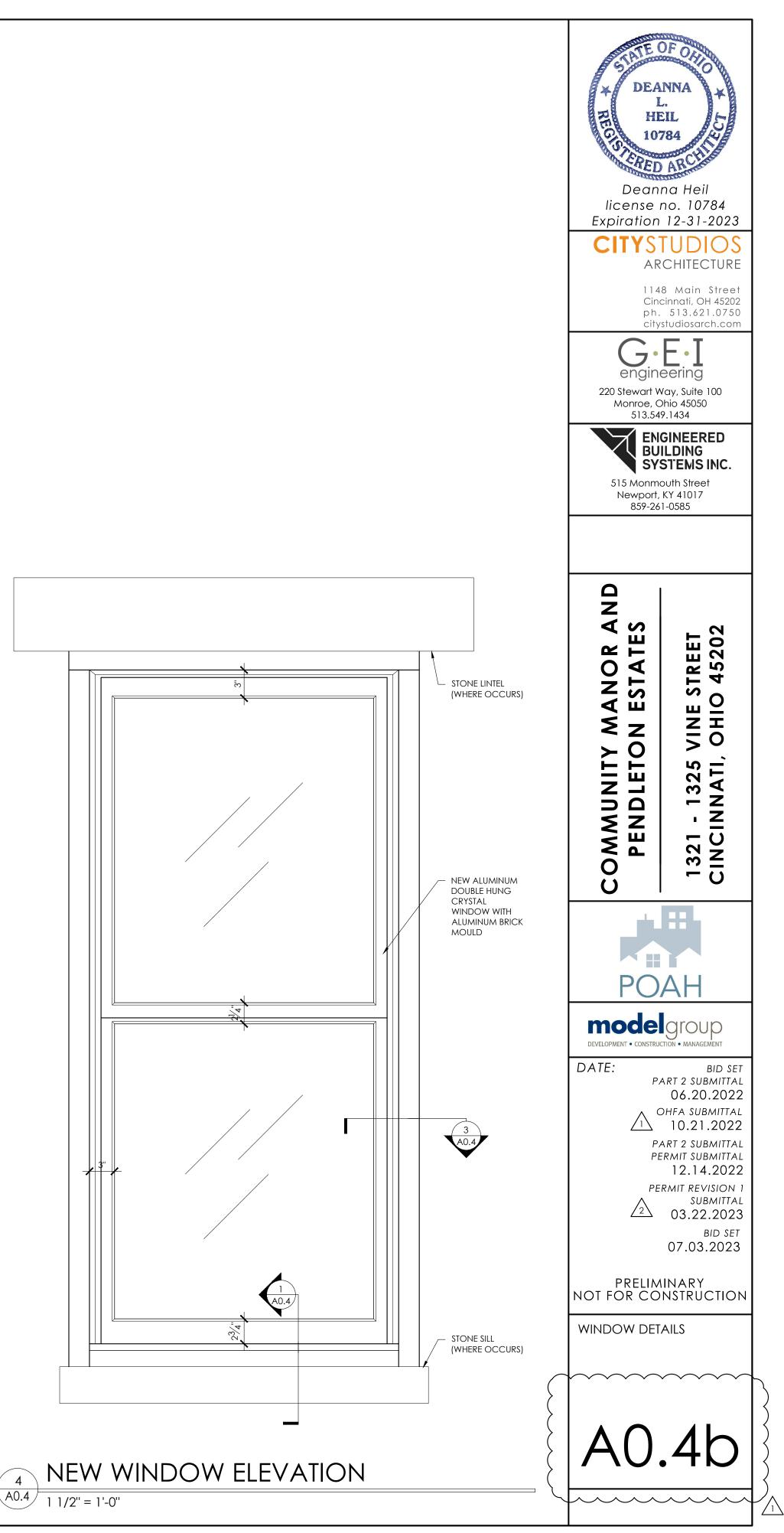
NEW CRYSTAL 2000A ALUMINUM CLAD WINDOW.

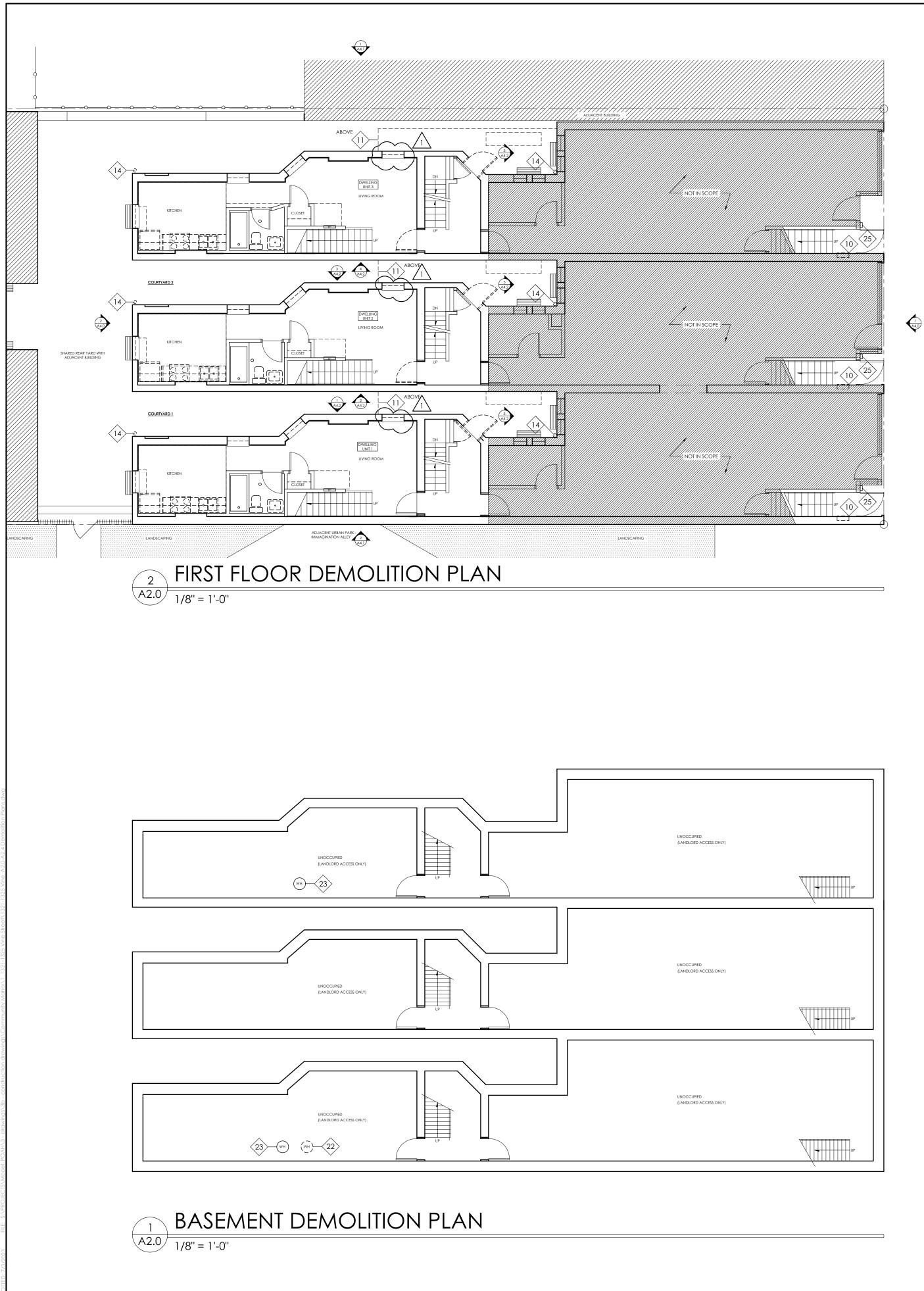
- NEW WOOD JAMB AND WINDOW TRIM TO MATCH EXISTING. PAINT.

NEW WOOD SILL TO MATCH EXISTING. PAINT. EXISTING WOOD APRON. PAINT.

EXISTING INSULATION BOARD AND DRYWALL FINISH TO REMAIN.

A0.4 1 1/2" = 1'-0"



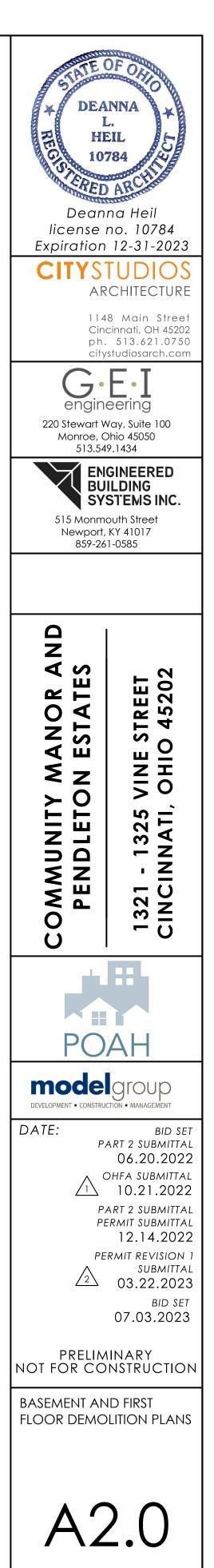


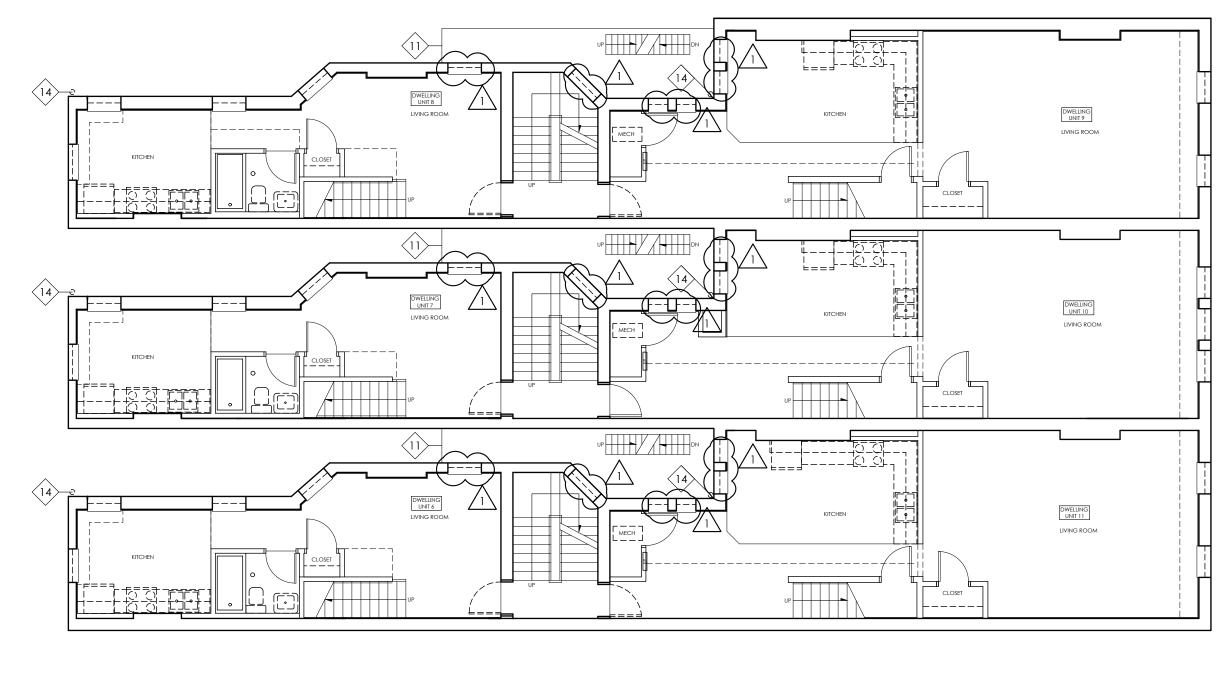
DEMOLITION PLAN GENERAL NOTES

- ALL BOLD DASHED ELEMENTS ARE TO BE REMOVED, U.N.O. CONSULT ARCHITECT FOR CLARIFICATION IF NOTATIONS AND GRAPHICS CONFLICT OR IF INTENT IS UNCLEAR.
- ALL LOAD BEARING WALLS, NON-LOAD BEARING WALLS, COLUMNS, BEAMS, AND Β. STRUCTURAL ELEMENTS ARE TO REMAIN, U.N.O.
- C. REMOVE ALL EXISTING DOWNSPOUTS AND HUNG GUTTERS. EXISTING HISTORIC BOX GUTTERS AND CORNICES ARE TO REMAIN. REMOVE EXISTING BOX GUTTER LINERS AND PREPARE FOR NEW BOX GUTTER LINERS. EXISTING CAST IRON BOOTS TO REMAIN.
- D. REMOVE EXISTING WINDOWS AND DOORS WHERE INDICATED. REFER TO WINDOW AND DOOR SCHEDULES.
- E. ALL EXISTING INTERIOR TRIM TO REMAIN, U.N.O.
- REMOVE DAMAGED FLOOR TILES AND PREP FOR NEW WORK. REFER TO NEW F WORK PLANS.
- G. ALL EXISTING GYPSUM BOARD AND PLASTER WALLS AND CEILINGS ARE TO REMAIN.
- H. REMOVE EXISTING CLOSET SHELVES AND COAT RODS. PREP FOR NEW WORK.
- REMOVE ALL EXISTING BLINDS IN ALL LIVING UNITS.
- REMOVE EXISTING BATHROOM ACCESSORIES INCLUDING TOWEL BARS, FIXED SHOWER CURTAIN RODS AND TOILET PAPER DISPENSERS.
- REMOVE ALL EXISTING BATHROOM MEDICINE CABINETS/INTEGRAL LIGHT FIXTURES. Κ. REFER TO ELECTRICAL DRAWINGS.
- L. REMOVE ALL EXISTING KITCHEN CABINETRY, COUNTERTOPS AND APPLIANCES.
- M. REMOVE EXISTING MECHANICAL EQUIPMENT INCLUDING GAS FURNACES, THERMOSTATS, CONDENSING UNITS AND EXHAUST FANS. EXISTING DUCTS AND VENTS ARE TO REMAIN. REFER TO MECHANICAL DRAWINGS.
- N. REMOVE EXISTING LOUVERS/DIFFUSERS/REGISTERS. REFER TO MECHANICAL DRAWINGS.
- O. ALL EXISTING BATHTUBS TO REMAIN, U.N.O.
- P. REMOVE ALL EXISTING WATER CLOSETS. EXISTING PIPES AND DRAINS ARE TO REMAIN. REFER TO PLUMBING DRAWINGS.
- Q. REMOVE EXISTING PEDESTAL SINKS, U.N.O. EXISTING PIPES AND DRAINS ARE TO REMAIN. REFER TO PLANS FOR LOCATIONS OF EXISTING PEDESTAL SINKS TO REMAIN. ALL BATHROOM FAUCETS TO BE REMOVED. REFER TO PLUMBING DRAWINGS.
- R. EXISTING BATHTUB TILE SURROUND AND EXISTING BATHROOM WAINSCOT TO REMAIN, U.N.O. REFER TO NEW WORK PLANS AND FINISH SCHEDULE.
- REMOVE EXISTING DOUBLE BOWL SINKS AND FAUCETS IN KITCHENS. REFER TO S. PLUMBING DRAWINGS.
- REMOVE EXISTING WATER HEATERS AND SUMP PUMPS WHERE NOTED ON PLUMBING Т DRAWINGS U.N.O..
- REMOVE EXISTING LIGHT FIXTURES, SWITCHES AND RECEPTACLES. EXISTING WIRING U. IS TO REMAIN. EXISTING TV, CABLE AND DATA OUTLETS ARE TO REMAIN. REFER TO ELECTRICAL DRAWINGS.
- V. REMOVE EXISTING CARBON MONOXIDE/SMOKE DETECTORS. REFER TO ELECTRICAL DRAWINGS.
- W. REMOVE ALL EXISTING ROOFING INCLUDING FASTENERS DOWN TO ROOF SHEATHING. VERIFY CONDITION OF EXISTING ROOF SHEATHING AND REMOVE DAMAGED OR DETERIORATED AREAS.
- X. ALL CHIMNEYS AND ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. REFER TO NEW WORK PLANS.
- REMOVE EXISTING WOOD PLATFORMS FOR CONDENSING UNITS (COMMUNITY MANOR AND 2155 LOTH).
- Z. REMOVE ALL EXISTING VINYL STAIR TREADS BOTH IN COMMON SPACES AND DWELLING UNITS.

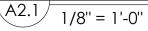
| DEMOLITION PLAN KEYNOTES

- 1. SAW CUT AND REMOVE DAMAGED SECTION OF CONCRETE THIS LOCATION. PREPARE TO RECEIVE NEW WORK. IF HISTORIC GRANITE STREET CURBS ARE PRESENT, THEY ARE TO BE TEMPORARILY REMOVED DURING CONSTRUCTION AND REINSTALLED IN ORIGINAL LOCATIONS AS PART OF NEW WORK.
- 2. REMOVE EXISTING BASEMENT SIDEWALK ACCESS DOORS AND PREPARE EXISTING OPENING TO RECEIVE NEW BASEMENT SIDEWALK ACCESS DOORS.
- 10. REMOVE EXISTING MAILBOXES.
- 11. EXISTING FIRE ESCAPE TO REMAIN.
- 12. EXISTING METAL EXTERIOR STAIR TO REMAIN. SCRAP RUST, PATCH AND REPAIR DAMAGED AREAS AND PREP FOR RUST INHIBITIVE PAINT. REFER TO STRUCTURAL DRAWINGS.
- 13. NOT USED.
- 14. REMOVE EXISTING DOWNSPOUT.
- 15. REMOVE EXISTING TILE BACK SPLASH AND PREPARE EXISTING SURFACES FOR NEW WORK.
- 16. MOVE EXISTING DRYERS AS INDICATED ON ARCHITECTURAL DRAWINGS. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.
- 17. REMOVE EXISTING WALL.
- 20. EXISTING PEDESTAL SINK TO REMAIN
- 21. REMOVE EXISTING BATHTUB.
- 22. DISCONNECT AND REMOVE EXISTING WATER HEATER. REFER TO PLUMBING DRAWINGS. DOMESTIC WATER PIPING TO REMAIN.
- 23. EXISTING WATER HEATER TO REMAIN.
- 24. DISCONNECT AND REMOVE EXISTING MECHANICAL EQUIPMENT AND ALL ASSOCIATED COMPONENTS FOR RESIDENTIAL APARTMENT UNITS ONLY. CONTRACTOR TO VERIFY LOCATION OF RESIDENTIAL UNITS IN FIELD. REMOVE ASSOCIATED PLATFORMS. EXISTING DUCTWORK TO REMAIN. REFER TO MECHANICAL DRAWINGS.
- 25. REMOVE EXISTING INTERCOM SYSTEM. REFER TO ELECTRICAL DRAWINGS.
- 26. REMOVE ALL FLOOR TILE.
- 40. REMOVE ALL EXISTING ROOFING MATERIALS AND DETERIORATED WOOD ROOF SHEATHING IF PRESENT (V.I.F.) INCLUDING BUT NOT LIMITED TO FLASHING, COPINGS, TERMINATIONS, ETC. PREP FOR NEW ROOFING.
- 41. REMOVE EXISTING HUNG ALUMINUM GUTTERS. REMOVE GUTTER BOARD TRIM AND PREP FOR REPLACEMENT.
- 42. EXISTING BOX GUTTER/DECORATIVE CORNICE TO REMAIN. REMOVE ANY DETERIORATED WOOD ELEMENTS AND PREP FOR NEW WORK. REMOVE EXISTING GUTTER LINER AND PREP FOR NEW.
- 43. REMOVE EXISTING ROOF ACCESS HATCH AND PREPARE OPENING TO RECEIVE NEW ROOF ACCESS HATCH.
- 44. EXISTING COMMERCIAL 1ST FLOOR COMMERCIAL SPACE MECHANICAL EQUIPMENT TO REMAIN AND TO REMAIN IN SERVICE DURING CONSTRUCTION. CONTRACTOR TO VERIFY IN FIELD LOCATION OF COMMERCIAL MECHANICAL UNITS.

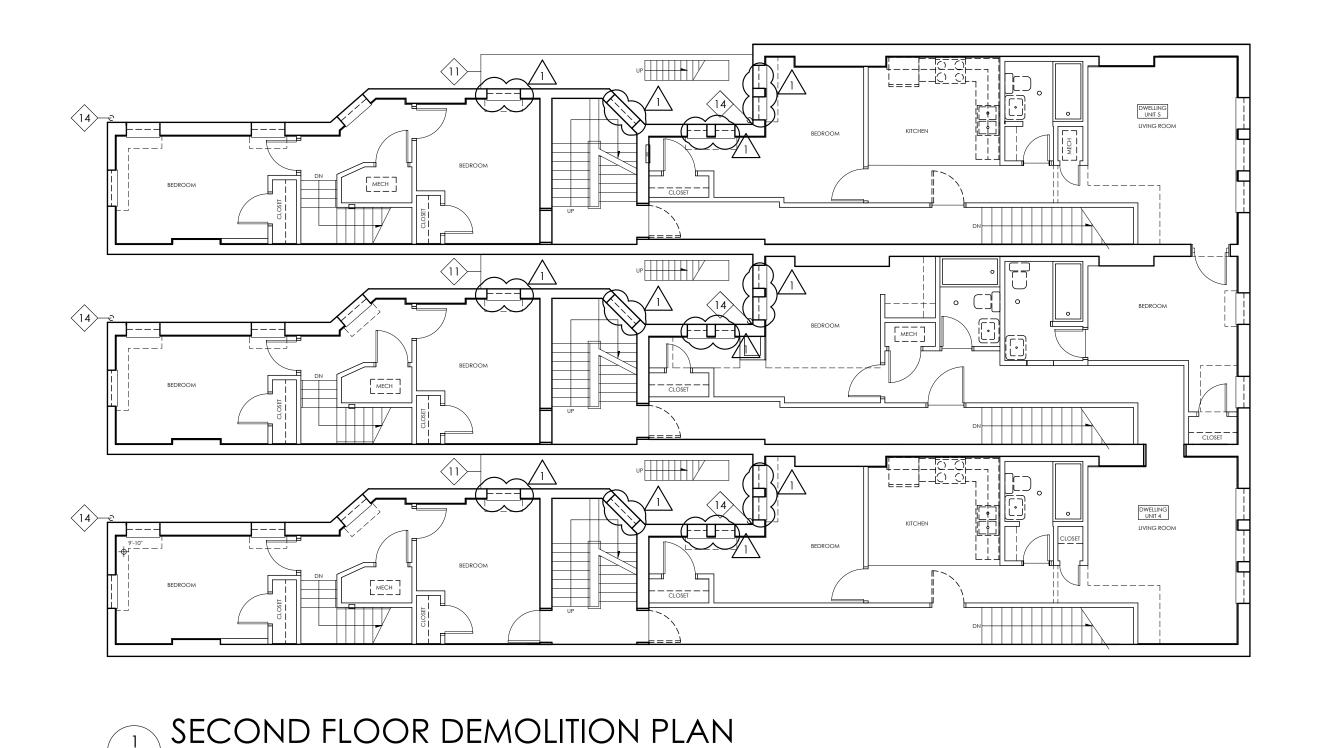








A2.1 1/8" = 1'-0"



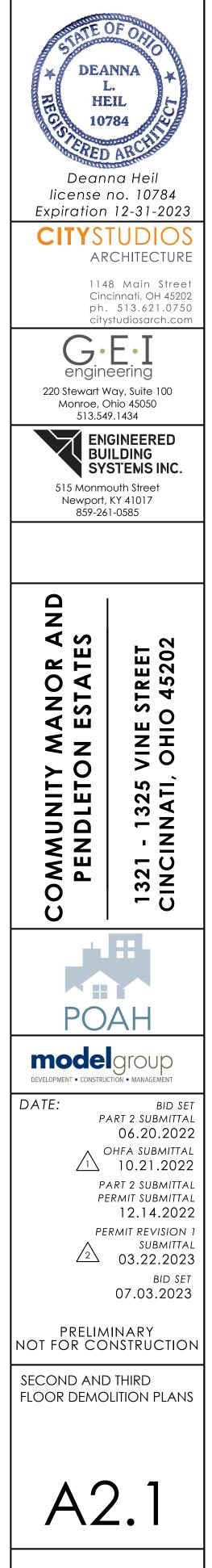


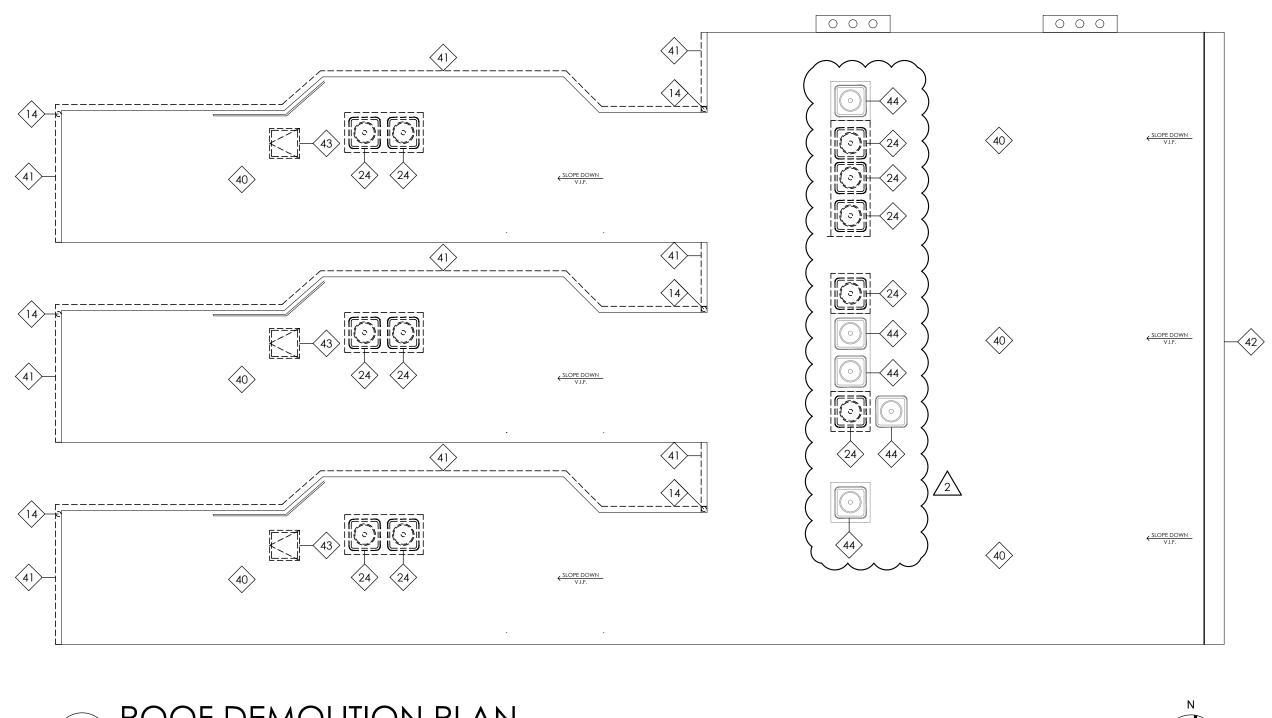
DEMOLITION PLAN GENERAL NOTES

- A. ALL BOLD DASHED ELEMENTS ARE TO BE REMOVED, U.N.O. CONSULT ARCHITECT FOR CLARIFICATION IF NOTATIONS AND GRAPHICS CONFLICT OR IF INTENT IS UNCLEAR.
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- D. REMOVE EXISTING WINDOWS AND DOORS WHERE INDICATED. REFER TO WINDOW AND DOOR SCHEDULES.
- E. ALL EXISTING INTERIOR TRIM TO REMAIN, U.N.O.
- REMOVE DAMAGED FLOOR TILES AND PREP FOR NEW WORK. REFER TO NEW F. WORK PLANS.
- G. ALL EXISTING GYPSUM BOARD AND PLASTER WALLS AND CEILINGS ARE TO REMAIN.
- REMOVE EXISTING CLOSET SHELVES AND COAT RODS. PREP FOR NEW WORK. Η.
- REMOVE ALL EXISTING BLINDS IN ALL LIVING UNITS. Ι.
- REMOVE EXISTING BATHROOM ACCESSORIES INCLUDING TOWEL BARS, FIXED J. SHOWER CURTAIN RODS AND TOILET PAPER DISPENSERS.
- REMOVE ALL EXISTING BATHROOM MEDICINE CABINETS/INTEGRAL LIGHT FIXTURES. Κ. REFER TO ELECTRICAL DRAWINGS.
- L. REMOVE ALL EXISTING KITCHEN CABINETRY, COUNTERTOPS AND APPLIANCES.
- M. REMOVE EXISTING MECHANICAL EQUIPMENT INCLUDING GAS FURNACES, THERMOSTATS, CONDENSING UNITS AND EXHAUST FANS. EXISTING DUCTS AND VENTS ARE TO REMAIN. REFER TO MECHANICAL DRAWINGS.
- REMOVE EXISTING LOUVERS/DIFFUSERS/REGISTERS. REFER TO MECHANICAL N. DRAWINGS.
- O. ALL EXISTING BATHTUBS TO REMAIN, U.N.O.
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- W. REMOVE ALL EXISTING ROOFING INCLUDING FASTENERS DOWN TO ROOF SHEATHING. VERIFY CONDITION OF EXISTING ROOF SHEATHING AND REMOVE DAMAGED OR DETERIORATED AREAS.
- X. ALL CHIMNEYS AND ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. REFER TO NEW WORK PLANS.
- REMOVE EXISTING WOOD PLATFORMS FOR CONDENSING UNITS (COMMUNIT) MANOR AND 2155 LOTH).
- Z. REMOVE ALL EXISTING VINYL STAIR TREADS BOTH IN COMMON SPACES AND DWELLING UNITS.

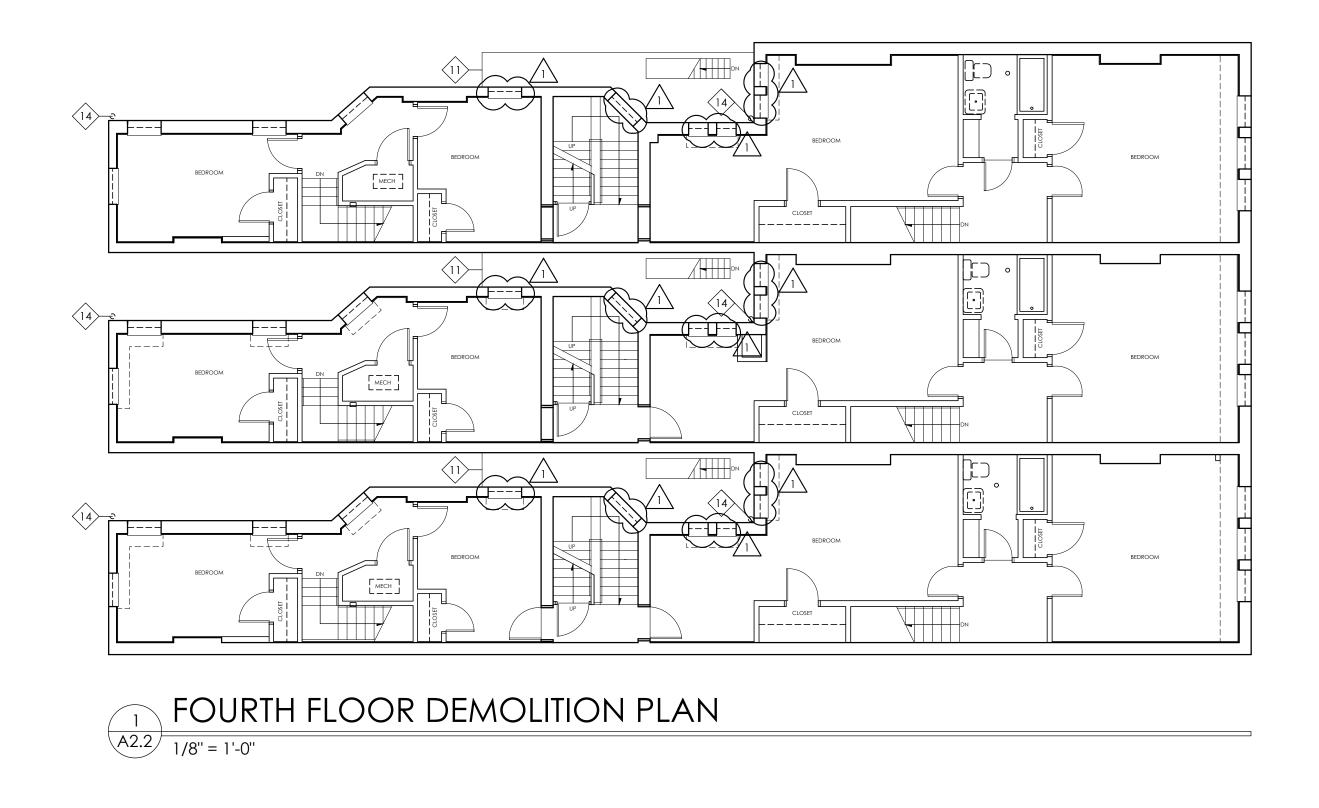
DEMOLITION PLAN KEYNOTES

- 1. SAW CUT AND REMOVE DAMAGED SECTION OF CONCRETE THIS LOCATION. PREPARE TO RECEIVE NEW WORK. IF HISTORIC GRANITE STREET CURBS ARE PRESENT, THEY ARE TO BE TEMPORARILY REMOVED DURING CONSTRUCTION AND REINSTALLED IN ORIGINAL LOCATIONS AS PART OF NEW WORK.
- 2. REMOVE EXISTING BASEMENT SIDEWALK ACCESS DOORS AND PREPARE EXISTING OPENING TO RECEIVE NEW BASEMENT SIDEWALK ACCESS DOORS.
- 10. REMOVE EXISTING MAILBOXES.
- 11. EXISTING FIRE ESCAPE TO REMAIN.
- 12. EXISTING METAL EXTERIOR STAIR TO REMAIN. SCRAP RUST, PATCH AND REPAIR DAMAGED AREAS AND PREP FOR RUST INHIBITIVE PAINT. REFER TO STRUCTURAL DRAWINGS.
- 13. NOT USED.
- 14. REMOVE EXISTING DOWNSPOUT.
- 15. REMOVE EXISTING TILE BACK SPLASH AND PREPARE EXISTING SURFACES FOR NEW WORK.
- 16. MOVE EXISTING DRYERS AS INDICATED ON ARCHITECTURAL DRAWINGS. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.
- 17. REMOVE EXISTING WALL.
- 20. EXISTING PEDESTAL SINK TO REMAIN.
- 21. REMOVE EXISTING BATHTUB.
- 22. DISCONNECT AND REMOVE EXISTING WATER HEATER. REFER TO PLUMBING DRAWINGS. DOMESTIC WATER PIPING TO REMAIN.
- 23. EXISTING WATER HEATER TO REMAIN.
- 24. DISCONNECT AND REMOVE EXISTING MECHANICAL EQUIPMENT AND ALL ASSOCIATED COMPONENTS FOR RESIDENTIAL APARTMENT UNITS ONLY. CONTRACTOR TO VERIFY LOCATION OF RESIDENTIAL UNITS IN FIELD. REMOVE ASSOCIATED PLATFORMS. EXISTING DUCTWORK TO REMAIN. REFER TO MECHANICAL DRAWINGS.
- 25. REMOVE EXISTING INTERCOM SYSTEM. REFER TO ELECTRICAL DRAWINGS.
- 26. REMOVE ALL FLOOR TILE.
- 40. REMOVE ALL EXISTING ROOFING MATERIALS AND DETERIORATED WOOD ROOF SHEATHING IF PRESENT (V.I.F.) INCLUDING BUT NOT LIMITED TO FLASHING, COPINGS, TERMINATIONS, ETC. PREP FOR NEW ROOFING.
- 41. REMOVE EXISTING HUNG ALUMINUM GUTTERS. REMOVE GUTTER BOARD TRIM AND PREP FOR REPLACEMENT.
- 42. EXISTING BOX GUTTER/DECORATIVE CORNICE TO REMAIN. REMOVE ANY DETERIORATED WOOD ELEMENTS AND PREP FOR NEW WORK. REMOVE EXISTING GUTTER LINER AND PREP FOR NEW.
- 43. REMOVE EXISTING ROOF ACCESS HATCH AND PREPARE OPENING TO RECEIVE NEW ROOF ACCESS HATCH.
- 44. EXISTING COMMERCIAL 1ST FLOOR COMMERCIAL SPACE MECHANICAL EQUIPMENT TO REMAIN AND TO REMAIN IN SERVICE DURING CONSTRUCTION. CONTRACTOR TO VERIFY IN FIELD LOCATION OF COMMERCIAL MECHANICAL UNITS.





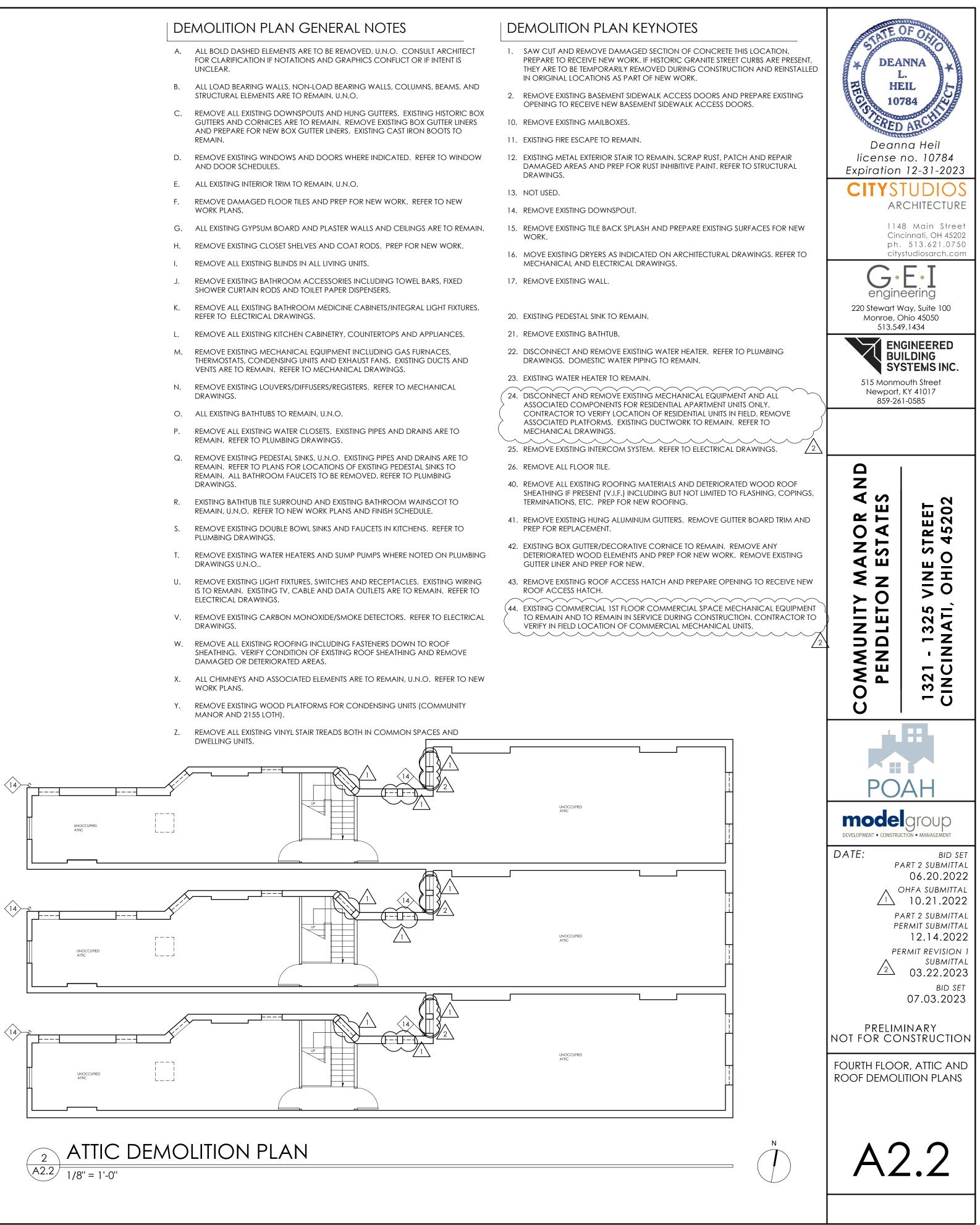


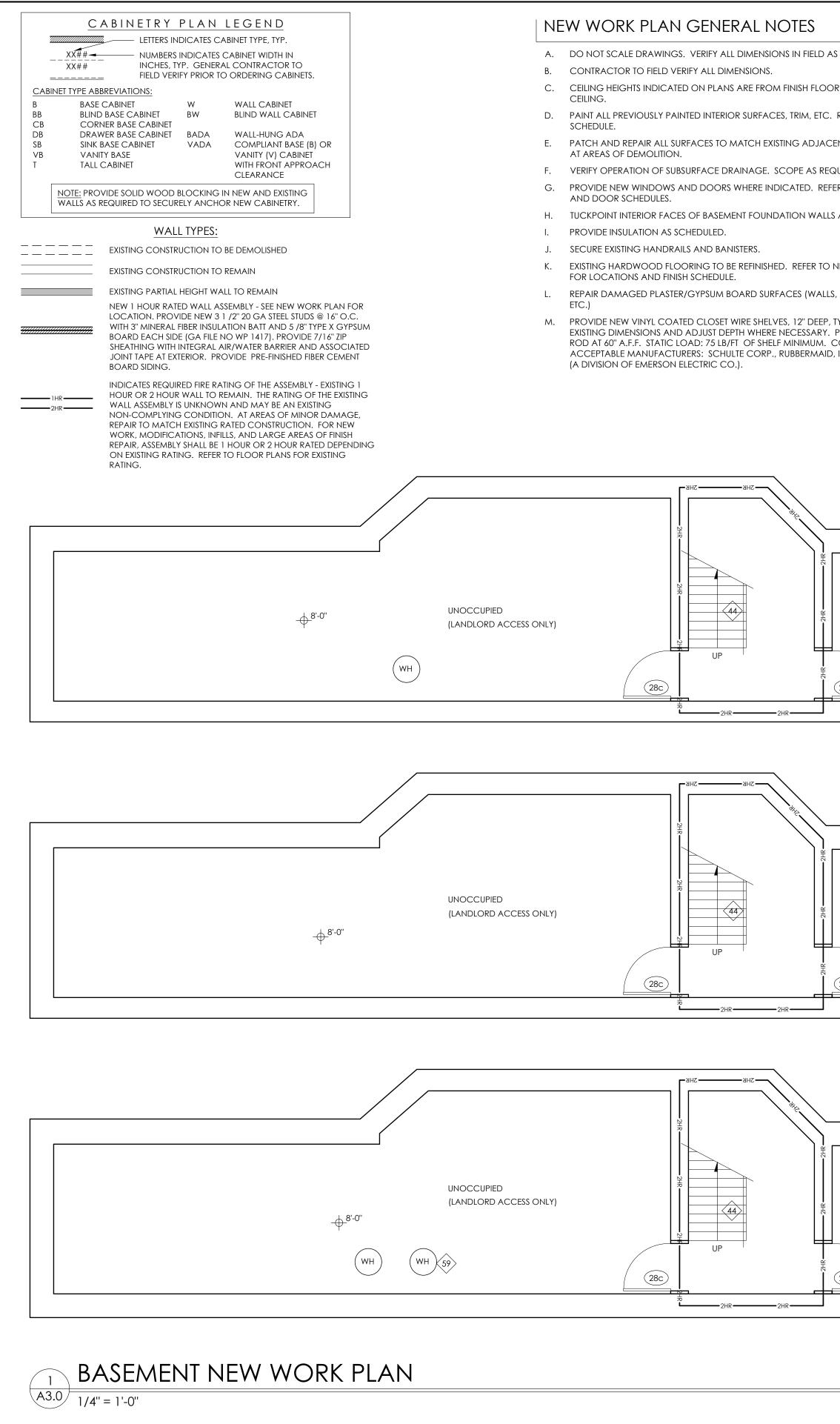


- FOR CLARIFICATION IF NOTATIONS AND GRAPHICS CONFLICT OR IF INTENT IS UNCLEAR.
- STRUCTURAL ELEMENTS ARE TO REMAIN, U.N.O.
- GUTTERS AND CORNICES ARE TO REMAIN. REMOVE EXISTING BOX GUTTER LINERS AND PREPARE FOR NEW BOX GUTTER LINERS. EXISTING CAST IRON BOOTS TO REMAIN.
- AND DOOR SCHEDULES.

- SHOWER CURTAIN RODS AND TOILET PAPER DISPENSERS.
- REFER TO ELECTRICAL DRAWINGS.

- REMOVE EXISTING LOUVERS/DIFFUSERS/REGISTERS. REFER TO MECHANICAL DRAWINGS.
- REMAIN. REFER TO PLUMBING DRAWINGS.
- REMAIN. REFER TO PLANS FOR LOCATIONS OF EXISTING PEDESTAL SINKS TO REMAIN. ALL BATHROOM FAUCETS TO BE REMOVED. REFER TO PLUMBING DRAWINGS.
- PLUMBING DRAWINGS.
- DRAWINGS U.N.O..
- DRAWINGS.
- DAMAGED OR DETERIORATED AREAS.
- WORK PLANS.
- REMOVE EXISTING WOOD PLATFORMS FOR CONDENSING UNITS (COMMUNITY MANOR AND 2155 LOTH).
- DWELLING UNITS.

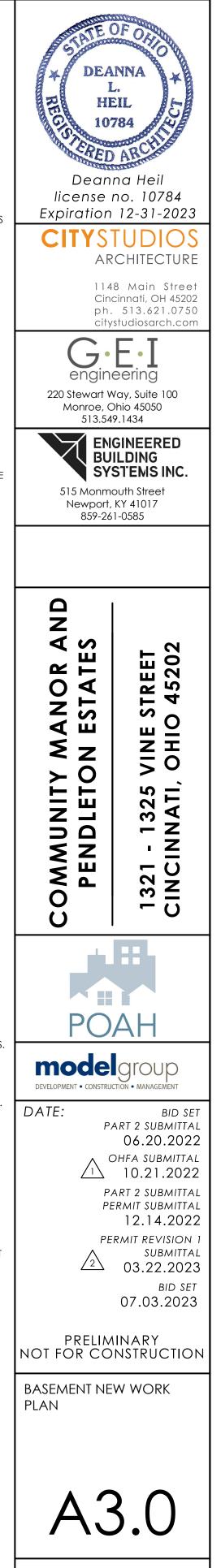


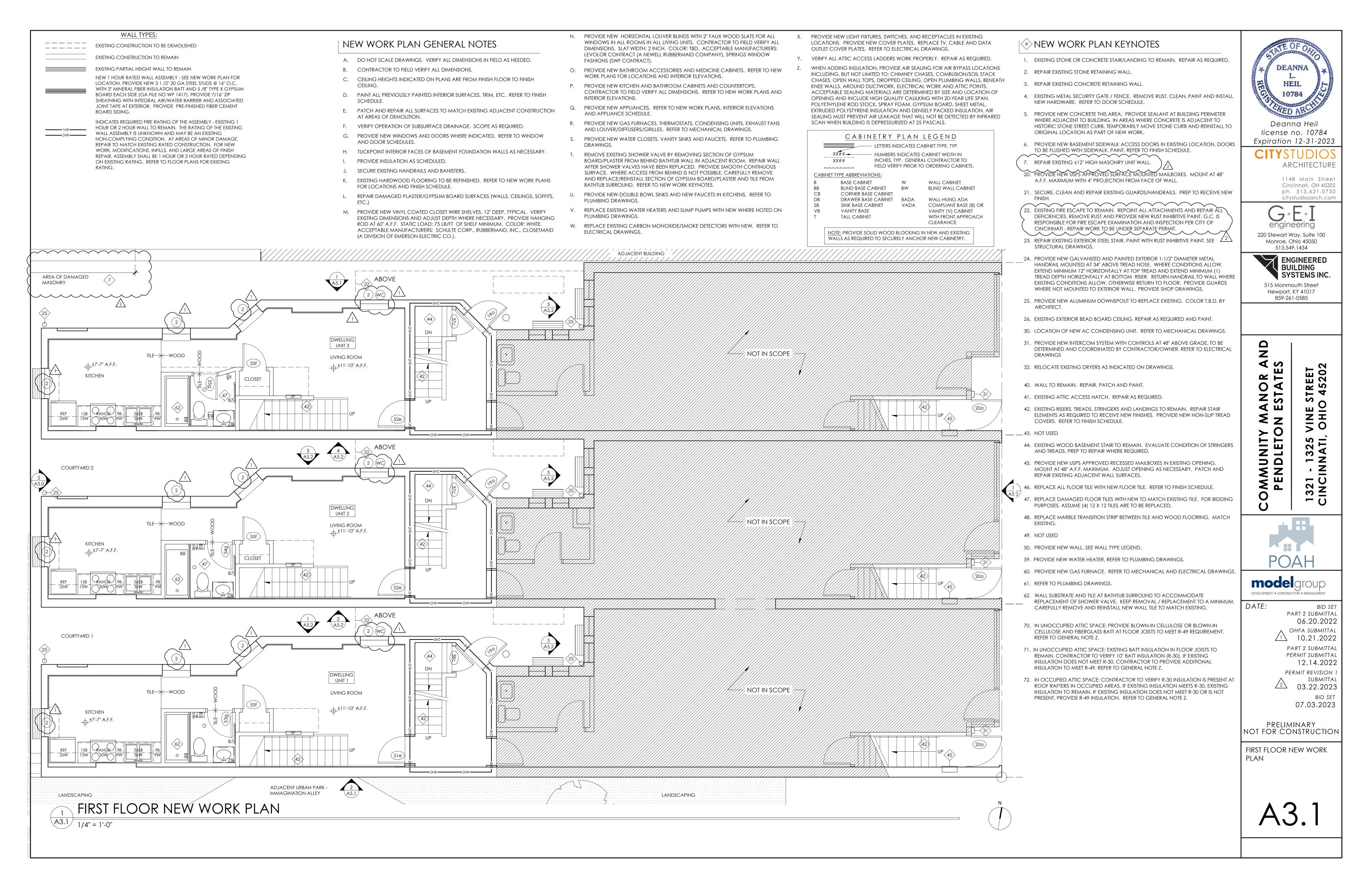


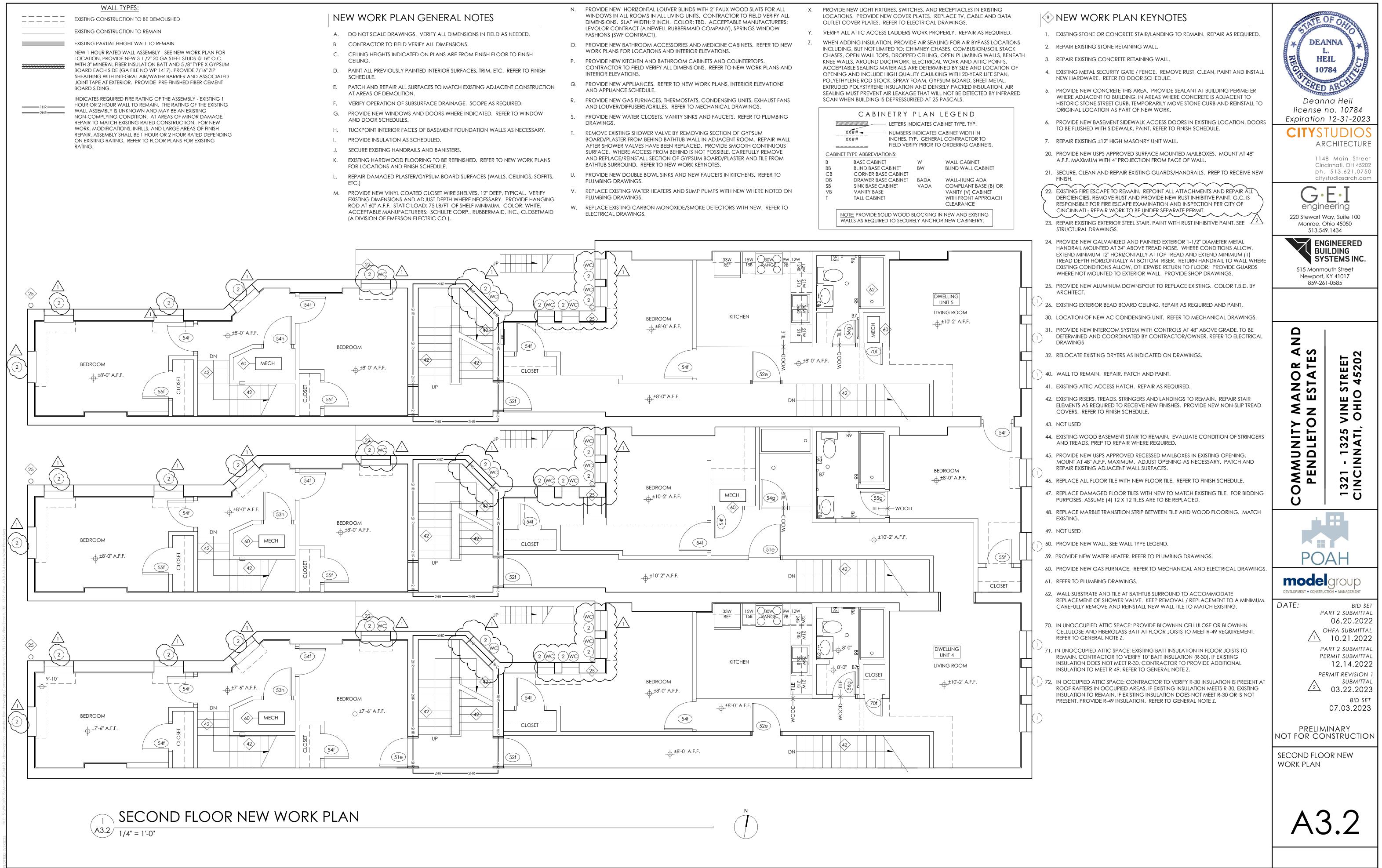
s needed.	N.	WINDOWS DIMENSIO	NEW HORIZONTAL LOUVER BLINDS WITH 2" FAUX WOO S IN ALL ROOMS IN ALL LIVING UNITS. CONTRACTOR T NS. SLAT WIDTH: 2 INCH. COLOR: TBD. ACCEPTABLE CONTRACT (A NEWELL RUBBERMAID COMPANY), SPR	O FIELD VERIFY ALL MANUFACTURERS:	W. X.	REPLACE EXISTING CARBON MONOXIDE/SMOKE DETECTORS WITH NEW. REFER TO ELECTRICAL DRAWINGS. PROVIDE NEW LIGHT FIXTURES, SWITCHES, AND RECEPTACLES IN EXISTING
r to finish	О.	FASHIONS	(SWF CONTRACT). NEW BATHROOM ACCESSORIES AND MEDICINE CABIN			LOCATIONS. PROVIDE NEW COVER PLATES. REPLACE TV, CABLE AND DATA OUTLET COVER PLATES. REFER TO ELECTRICAL DRAWINGS.
REFER TO FINISH	О. Р.	WORK PLA	ANS FOR LOCATIONS AND INTERIOR ELEVATIONS.		Y. Z.	VERIFY ALL ATTIC ACCESS LADDERS WORK PROPERLY. REPAIR AS REQUIRED. WHEN ADDING INSULATION, PROVIDE AIR SEALING FOR AIR BYPASS LOCATIONS
ENT CONSTRUCTION	г.	CONTRAC	NEW KITCHEN AND BATHROOM CABINETS AND COUN CTOR TO FIELD VERIFY ALL DIMENSIONS. REFER TO NEW ELEVATIONS.			INCLUDING, BUT NOT LIMITED TO: CHIMNEY CHASES, COMBUSION/SOIL STACK CHASES, OPEN WALL TOPS, DROPPED CEILING, OPEN PLUMBING WALLS, BENEATH
	Q.		NEW APPLIANCES. REFER TO NEW WORK PLANS, INTER LIANCE SCHEDULE.	RIOR ELEVATIONS		KNEE WALLS, AROUND DUCTWORK, ELECTRICAL WORK AND ATTIC POINTS. ACCEPTABLE SEALING MATERIALS ARE DETERMINED BY SIZE AND LOCATION OF OPENING AND INCLUDE HIGH QUALITY CAULKING WITH 20-YEAR LIFE SPAN,
ER TO WINDOW	R.	PROVIDE I	NEW GAS FURNACES, THERMOSTATS, CONDENSING UN VER/DIFFUSERS/GRILLES. REFER TO MECHANICAL DRA			POLYETHYLENE ROD STOCK, SPRAY FOAM, GYPSUM BOARD, SHEET METAL, EXTRUDED POLYSTYRENE INSULATION AND DENSELY PACKED INSULATION. AIR
S AS NECESSARY.	S.		NEW WATER CLOSETS, VANITY SINKS AND FAUCETS. RE			SEALING MUST PREVENT AIR LEAKAGE THAT WILL NOT BE DETECTED BY INFRARED SCAN WHEN BUILDING IS DEPRESSURIZED AT 25 PASCALS.
	T.	REMOVE E	~ EXISTING SHOWER VALVE BY REMOVING SECTION OF (LASTER FROM BEHIND BATHTUB WALL IN ADJACENT RC			
		AFTER SHC	DWER VALVES HAVE BEEN REPLACED. PROVIDE SMOC WHERE ACCESS FROM BEHIND IS NOT POSSIBLE, CAR	OTH CONTINUOUS		
, CEILINGS, SOFFITS,			ACE/REINSTALL SECTION OF GYPSUM BOARD/PLASTER SURROUND. REFER TO NEW WORK KEYNOTES.	R AND TILE FROM		
TYPICAL. VERIFY PROVIDE HANGING COLOR: WHITE.	U.		NEW DOUBLE BOWL SINKS AND NEW FAUCETS IN KITCH G DRAWINGS.	HENS. REFER TO		
, INC., CLOSETMAID	V.		EXISTING WATER HEATERS AND SUMP PUMPS WITH NEW	V WHERE NOTED ON		
				UNOCCUPIED		
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#### NEW WORK PLAN KEYNOTES

- 1. EXISTING STONE OR CONCRETE STAIR/LANDING TO REMAIN. REPAIR AS REQUIRED.
- 2. REPAIR EXISTING STONE RETAINING WALL.
- 3. REPAIR EXISTING CONCRETE RETAINING WALL.
- 4. EXISTING METAL SECURITY GATE / FENCE. REMOVE RUST, CLEAN, PAINT AND INSTALL NEW HARDWARE. REFER TO DOOR SCHEDULE.
- 5. PROVIDE NEW CONCRETE THIS AREA. PROVIDE SEALANT AT BUILDING PERIMETER WHERE ADJACENT TO BUILDING. IN AREAS WHERE CONCRETE IS ADJACENT TO HISTORIC STONE STREET CURB, TEMPORARILY MOVE STONE CURB AND REINSTALL TO ORIGINAL LOCATION AS PART OF NEW WORK.
- 6. PROVIDE NEW BASEMENT SIDEWALK ACCESS DOORS IN EXISTING LOCATION. DOORS TO BE FLUSHED WITH SIDEWALK. PAINT. REFER TO FINISH SCHEDULE.
- 7. REPAIR EXISTING  $\pm 12$ " HIGH MASONRY UNIT WALL.
- 20. PROVIDE NEW USPS APPROVED SURFACE MOUNTED MAILBOXES. MOUNT AT 48" A.F.F. MAXIMUM WITH 4" PROJECTION FROM FACE OF WALL.
- 21. SECURE, CLEAN AND REPAIR EXISTING GUARDS/HANDRAILS. PREP TO RECEIVE NEW FINISH.
- 22. EXISTING FIRE ESCAPE TO REMAIN. REPOINT ALL ATTACHMENTS AND REPAIR ALL DEFICIENCIES. REMOVE RUST AND PROVIDE NEW RUST INHIBITIVE PAINT. G.C. IS RESPONSIBLE FOR FIRE ESCAPE EXAMINATION AND INSPECTION PER CITY OF CINCINNATI - REPAIR WORK TO BE UNDER SEPARATE PERMIT.
- 23. REPAIR EXISTING EXTERIOR STEEL STAIR. PAINT WITH RUST INHIBITIVE PAINT. SEE STRUCTURAL DRAWINGS.
- 24. PROVIDE NEW GALVANIZED AND PAINTED EXTERIOR 1-1/2" DIAMETER METAL HANDRAIL MOUNTED AT 34" ABOVE TREAD NOSE. WHERE CONDITIONS ALLOW, EXTEND MINIMUM 12" HORIZONTALLY AT TOP TREAD AND EXTEND MINIMUM (1) TREAD DEPTH HORIZONTALLY AT BOTTOM RISER. RETURN HANDRAIL TO WALL WHERE EXISTING CONDITIONS ALLOW, OTHERWISE RETURN TO FLOOR. PROVIDE GUARDS WHERE NOT MOUNTED TO EXTERIOR WALL. PROVIDE SHOP DRAWINGS.
- 25. PROVIDE NEW ALUMINUM DOWNSPOUT TO REPLACE EXISTING. COLOR T.B.D. BY ARCHITECT.
- 26. EXISTING EXTERIOR BEAD BOARD CEILING. REPAIR AS REQUIRED AND PAINT.
- 30. LOCATION OF NEW AC CONDENSING UNIT. REFER TO MECHANICAL DRAWINGS.31. PROVIDE NEW INTERCOM SYSTEM WITH CONTROLS AT 48" ABOVE GRADE, TO BE
- DETERMINED AND COORDINATED BY CONTRACTOR/OWNER. REFER TO ELECTRICAL DRAWINGS
- 32. RELOCATE EXISTING DRYERS AS INDICATED ON DRAWINGS.
- 40. WALL TO REMAIN. REPAIR, PATCH AND PAINT.
- 41. EXISTING ATTIC ACCESS HATCH. REPAIR AS REQUIRED.
- 42. EXISTING RISERS, TREADS, STRINGERS AND LANDINGS TO REMAIN. REPAIR STAIR ELEMENTS AS REQUIRED TO RECEIVE NEW FINISHES. PROVIDE NEW NON-SLIP TREAD COVERS. REFER TO FINISH SCHEDULE.
- 43. NOT USED
- 44. EXISTING WOOD BASEMENT STAIR TO REMAIN. EVALUATE CONDITION OF STRINGERS AND TREADS, PREP TO REPAIR WHERE REQUIRED.
- 45. PROVIDE NEW USPS APPROVED RECESSED MAILBOXES IN EXISTING OPENING. MOUNT AT 48" A.F.F. MAXIMUM. ADJUST OPENING AS NECESSARY. PATCH AND REPAIR EXISTING ADJACENT WALL SURFACES.
- 46. REPLACE ALL FLOOR TILE WITH NEW FLOOR TILE. REFER TO FINISH SCHEDULE.
- 47. REPLACE DAMAGED FLOOR TILES WITH NEW TO MATCH EXISTING TILE. FOR BIDDING PURPOSES, ASSUME (4) 12 X 12 TILES ARE TO BE REPLACED.
- 48. REPLACE MARBLE TRANSITION STRIP BETWEEN TILE AND WOOD FLOORING. MATCH EXISTING.
- 49. NOT USED
- 50. PROVIDE NEW WALL. SEE WALL TYPE LEGEND.
- 59. PROVIDE NEW WATER HEATER. REFER TO PLUMBING DRAWINGS.
- 60. PROVIDE NEW GAS FURNACE. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.
- 61. REFER TO PLUMBING DRAWINGS.
- 62. WALL SUBSTRATE AND TILE AT BATHTUB SURROUND TO ACCOMMODATE REPLACEMENT OF SHOWER VALVE. KEEP REMOVAL / REPLACEMENT TO A MINIMUM. CAREFULLY REMOVE AND REINSTALL NEW WALL TILE TO MATCH EXISTING.
- 70. IN UNOCCUPIED ATTIC SPACE: PROVIDE BLOWN-IN CELLULOSE OR BLOWN-IN CELLULOSE AND FIBERGLASS BATT AT FLOOR JOISTS TO MEET R-49 REQUIREMENT. REFER TO GENERAL NOTE Z.
- 71. IN UNOCCUPIED ATTIC SPACE: EXISTING BATT INSULATION IN FLOOR JOISTS TO REMAIN. CONTRACTOR TO VERIFY 10" BATT INSULATION (R-30). IF EXISTING INSULATION DOES NOT MEET R-30, CONTRACTOR TO PROVIDE ADDITIONAL INSULATION TO MEET R-49. REFER TO GENERAL NOTE Z.
- 72. IN OCCUPIED ATTIC SPACE: CONTRACTOR TO VERIFY R-30 INSULATION IS PRESENT AT ROOF RAFTERS IN OCCUPIED AREAS. IF EXISTING INSULATION MEETS R-30, EXISTING INSULATION TO REMAIN. IF EXISTING INSULATION DOES NOT MEET R-30 OR IS NOT PRESENT, PROVIDE R-49 INSULATION. REFER TO GENERAL NOTE Z.

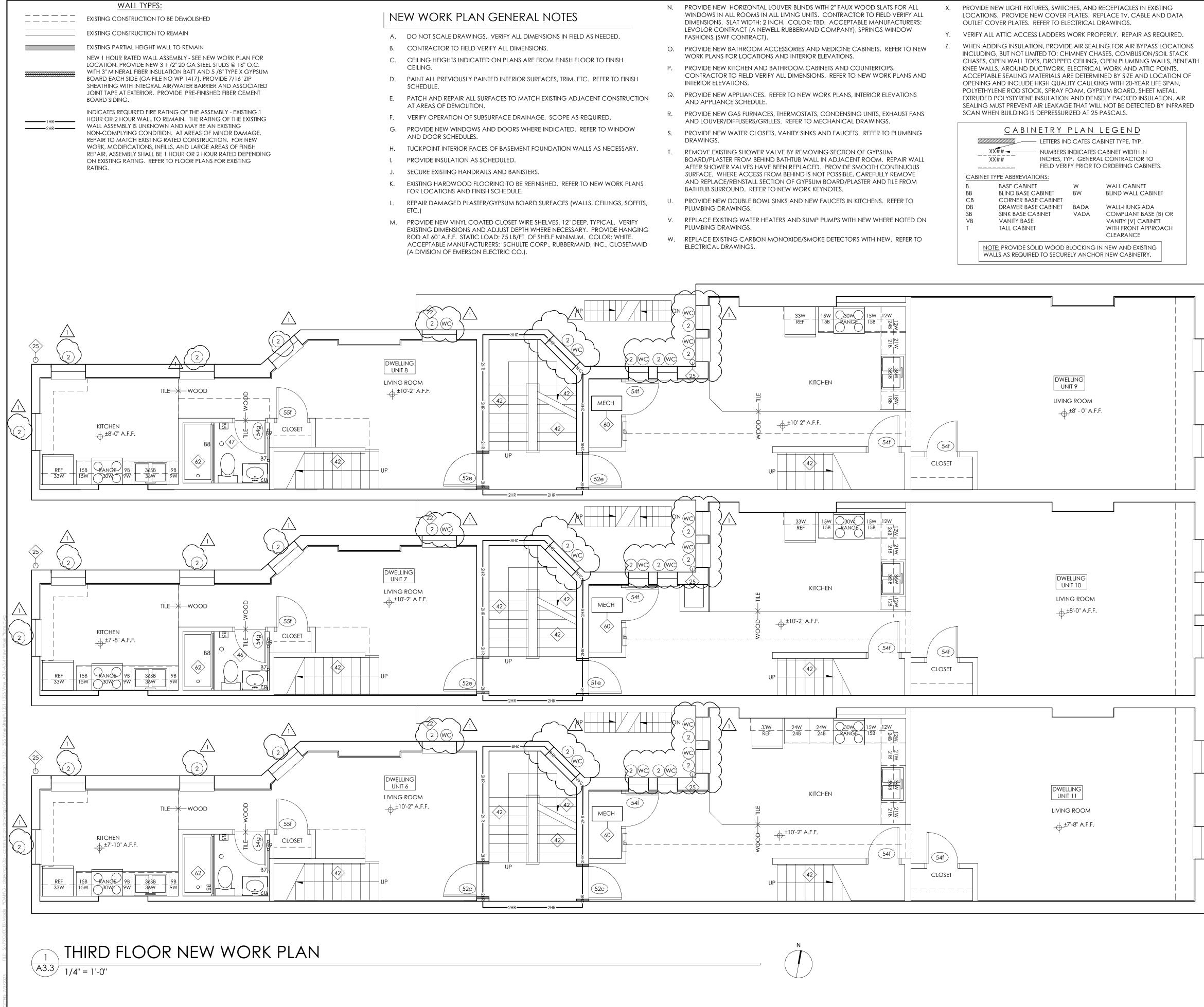


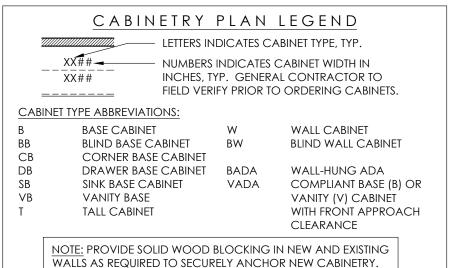




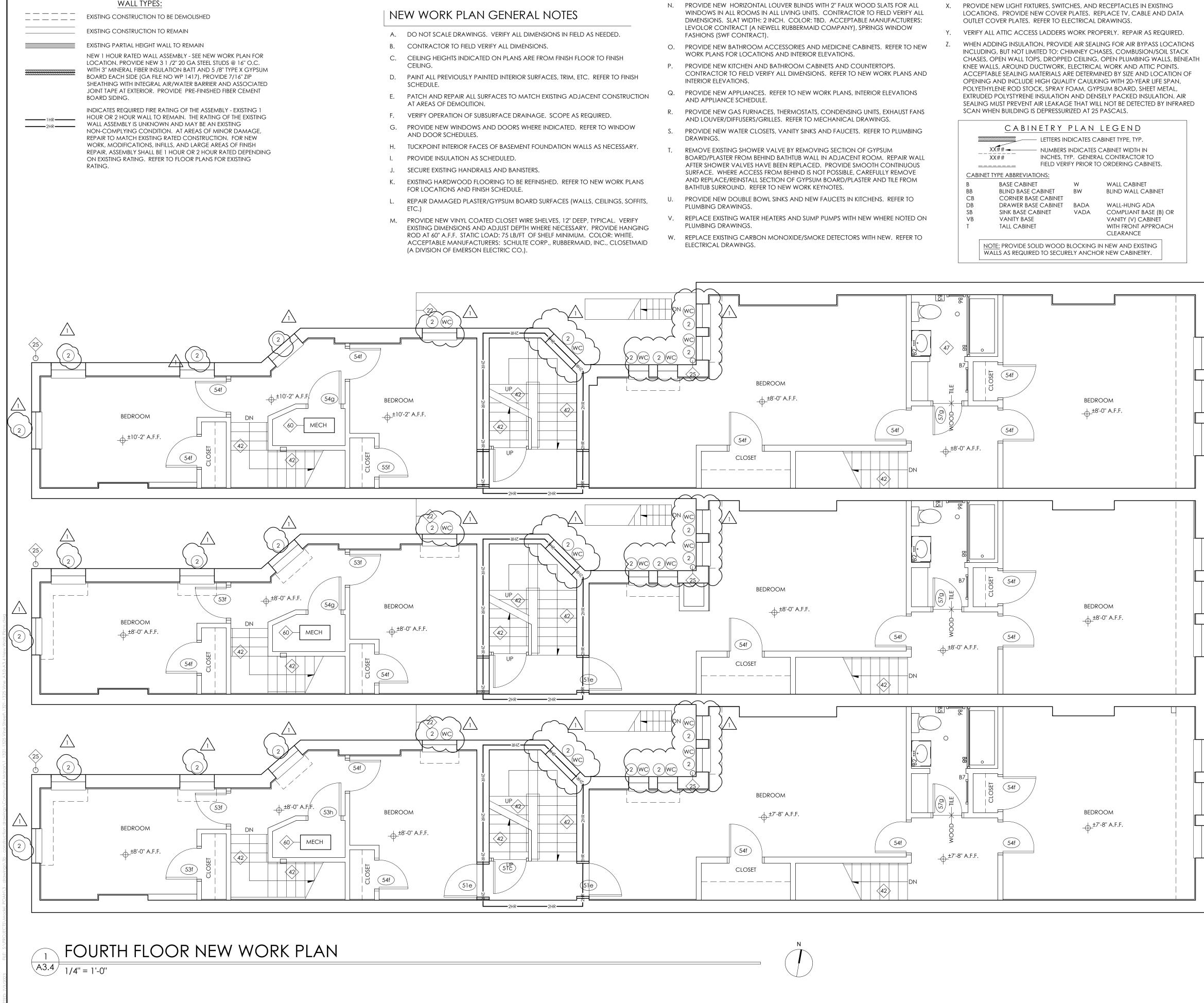


7////				<u>LEGEND</u> ABINET TYPE, TYP.
	XX## XX##	INCHES, T	P. GENER	CABINET WIDTH IN AL CONTRACTOR TO O ORDERING CABINETS.
	T TYPE ABBREVIATIO	DNS:		
В	<b>BASE CABINET</b>		W	WALL CABINET
BB	BLIND BASE CA	BINET	BW	BLIND WALL CABINET
СВ	CORNER BASE	CABINET		
DB	DRAWER BASE	CABINET	BADA	WALL-HUNG ADA
SB	SINK BASE CAE	BINET	VADA	COMPLIANT BASE (B) OR
VB	VANITY BASE			VANITY (V) CABINET
Т	TALL CABINET			WITH FRONT APPROACH
				CLEARANCE



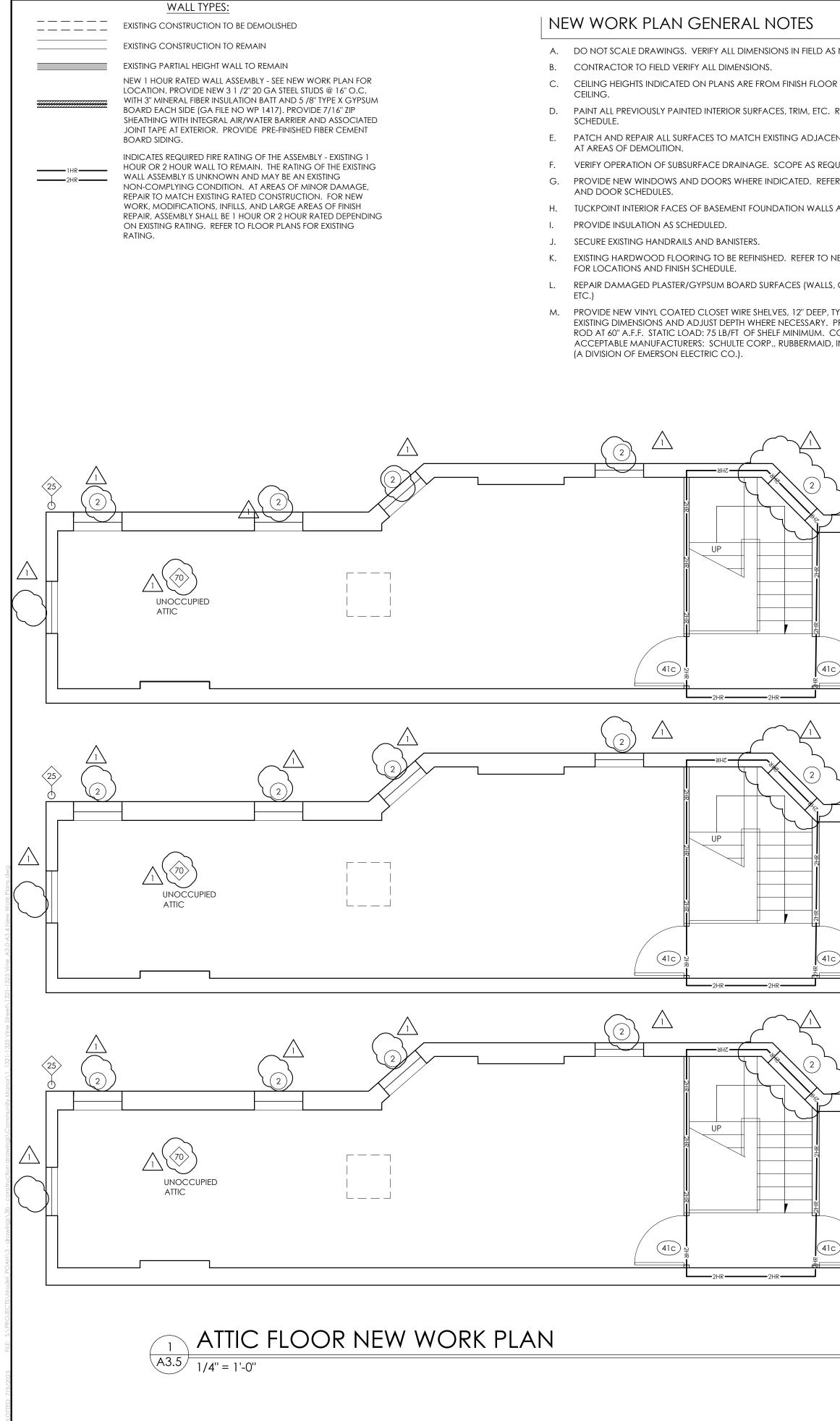


#### I NEW WORK PLAN KEYNOTES 1. EXISTING STONE OR CONCRETE STAIR/LANDING TO REMAIN. REPAIR AS REQUIRED. DEANNA 2. REPAIR EXISTING STONE RETAINING WALL. HEIL 3. REPAIR EXISTING CONCRETE RETAINING WALL. 10784 4. EXISTING METAL SECURITY GATE / FENCE. REMOVE RUST, CLEAN, PAINT AND INSTALL NEW HARDWARE. REFER TO DOOR SCHEDULE. PROVIDE NEW CONCRETE THIS AREA. PROVIDE SEALANT AT BUILDING PERIMETER WHERE ADJACENT TO BUILDING. IN AREAS WHERE CONCRETE IS ADJACENT TO Deanna Heil HISTORIC STONE STREET CURB, TEMPORARILY MOVE STONE CURB AND REINSTALL TO license no. 10784 ORIGINAL LOCATION AS PART OF NEW WORK. Expiration 12-31-2023 6. PROVIDE NEW BASEMENT SIDEWALK ACCESS DOORS IN EXISTING LOCATION. DOORS TO BE FLUSHED WITH SIDEWALK. PAINT. REFER TO FINISH SCHEDULE. CITYSTUDIOS 7. REPAIR EXISTING ±12" HIGH MASONRY UNIT WALL. ARCHITECTURE 20. PROVIDE NEW USPS APPROVED SURFACE MOUNTED MAILBOXES. MOUNT AT 48" 1148 Main Street A.F.F. MAXIMUM WITH 4" PROJECTION FROM FACE OF WALL. Cincinnati, OH 45202 ph. 513.621.0750 21. SECURE, CLEAN AND REPAIR EXISTING GUARDS/HANDRAILS. PREP TO RECEIVE NEW citystudiosarch.com FINISH. 22. EXISTING FIRE ESCAPE TO REMAIN. REPOINT ALL ATTACHMENTS AND REPAIR $\overline{\mathsf{ALL}}$ J.F. DEFICIENCIES. REMOVE RUST AND PROVIDE NEW RUST INHIBITIVE PAINT. G.C. IS RESPONSIBLE FOR FIRE ESCAPE EXAMINATION AND INSPECTION PER CITY OF engineering CINCINNATI - REPAIR WORK TO BE UNDER SEPARATE PERMIT. 220 Stewart Way, Suite 100 23. REPAIR EXISTING EXTERIOR STEEL STAIR. PAINT WITH RUST INHIBITIVE PAINT. SEE $\int \frac{d^2 N}{d^2 N}$ Monroe, Ohio 45050 STRUCTURAL DRAWINGS. 513.549.1434 24. PROVIDE NEW GALVANIZED AND PAINTED EXTERIOR 1-1/2" DIAMETER METAL HANDRAIL MOUNTED AT 34" ABOVE TREAD NOSE. WHERE CONDITIONS ALLOW, BUILDING EXTEND MINIMUM 12" HORIZONTALLY AT TOP TREAD AND EXTEND MINIMUM (1) SYSTEMS INC. TREAD DEPTH HORIZONTALLY AT BOTTOM RISER. RETURN HANDRAIL TO WALL WHERE EXISTING CONDITIONS ALLOW, OTHERWISE RETURN TO FLOOR. PROVIDE GUARDS 515 Monmouth Street WHERE NOT MOUNTED TO EXTERIOR WALL. PROVIDE SHOP DRAWINGS. Newport, KY 41017 859-261-0585 25. PROVIDE NEW ALUMINUM DOWNSPOUT TO REPLACE EXISTING. COLOR T.B.D. BY ARCHITECT. 26. EXISTING EXTERIOR BEAD BOARD CEILING. REPAIR AS REQUIRED AND PAINT. 30. LOCATION OF NEW AC CONDENSING UNIT. REFER TO MECHANICAL DRAWINGS. 31. PROVIDE NEW INTERCOM SYSTEM WITH CONTROLS AT 48" ABOVE GRADE, TO BE Δ DETERMINED AND COORDINATED BY CONTRACTOR/OWNER. REFER TO ELECTRICAL Ζ DRAWINGS S V 32. RELOCATE EXISTING DRYERS AS INDICATED ON DRAWINGS. ш **20 2 –** 40. WALL TO REMAIN. REPAIR, PATCH AND PAINT. Ο 2 5 **F** 4 ST N 41. EXISTING ATTIC ACCESS HATCH. REPAIR AS REQUIRED. NE S HIO ЧШ 42. EXISTING RISERS, TREADS, STRINGERS AND LANDINGS TO REMAIN. REPAIR STAIR ELEMENTS AS REQUIRED TO RECEIVE NEW FINISHES. PROVIDE NEW NON-SLIP TREAD COVERS. REFER TO FINISH SCHEDULE. 20 $\succ 0$ 43. NOT USED 25 TI 44. EXISTING WOOD BASEMENT STAIR TO REMAIN. EVALUATE CONDITION OF STRINGERS — ш 132 NA AND TREADS, PREP TO REPAIR WHERE REQUIRED. Z 45. PROVIDE NEW USPS APPROVED RECESSED MAILBOXES IN EXISTING OPENING. Ζ MOUNT AT 48" A.F.F. MAXIMUM. ADJUST OPENING AS NECESSARY. PATCH AND ≶ Z REPAIR EXISTING ADJACENT WALL SURFACES. - U 46. REPLACE ALL FLOOR TILE WITH NEW FLOOR TILE. REFER TO FINISH SCHEDULE. 33 N Δ 47. REPLACE DAMAGED FLOOR TILES WITH NEW TO MATCH EXISTING TILE. FOR BIDDING - () PURPOSES, ASSUME (4) 12 X 12 TILES ARE TO BE REPLACED O 48. REPLACE MARBLE TRANSITION STRIP BETWEEN TILE AND WOOD FLOORING. MATCH existing. 49. NOT USED 50. PROVIDE NEW WALL. SEE WALL TYPE LEGEND. 59. PROVIDE NEW WATER HEATER. REFER TO PLUMBING DRAWINGS. 60. PROVIDE NEW GAS FURNACE. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS. modelgroup 61. REFER TO PLUMBING DRAWINGS. DEVELOPMENT • CONSTRUCTION • MANAGEMEN 62. WALL SUBSTRATE AND TILE AT BATHTUB SURROUND TO ACCOMMODATE REPLACEMENT OF SHOWER VALVE. KEEP REMOVAL / REPLACEMENT TO A MINIMUM. DATE: BID SET CAREFULLY REMOVE AND REINSTALL NEW WALL TILE TO MATCH EXISTING. PART 2 SUBMITTAL 06.20.2022 70. IN UNOCCUPIED ATTIC SPACE: PROVIDE BLOWN-IN CELLULOSE OR BLOWN-IN OHFA SUBMITTAL CELLULOSE AND FIBERGLASS BATT AT FLOOR JOISTS TO MEET R-49 REQUIREMENT. REFER TO GENERAL NOTE Z. 10.21.2022 PART 2 SUBMITTAL IN UNOCCUPIED ATTIC SPACE: EXISTING BATT INSULATION IN FLOOR JOISTS TO PERMIT SUBMITTAL REMAIN. CONTRACTOR TO VERIFY 10" BATT INSULATION (R-30). IF EXISTING INSULATION DOES NOT MEET R-30, CONTRACTOR TO PROVIDE ADDITIONAL 12.14.2022 INSULATION TO MEET R-49. REFER TO GENERAL NOTE Z. PERMIT REVISION 72. IN OCCUPIED ATTIC SPACE: CONTRACTOR TO VERIFY R-30 INSULATION IS PRESENT AT SUBMITTAL 03.22.2023 ROOF RAFTERS IN OCCUPIED AREAS. IF EXISTING INSULATION MEETS R-30, EXISTING INSULATION TO REMAIN. IF EXISTING INSULATION DOES NOT MEET R-30 OR IS NOT bid Set PRESENT, PROVIDE R-49 INSULATION. REFER TO GENERAL NOTE Z. 07.03.2023 PRELIMINARY NOT FOR CONSTRUCTION THIRD FLOOR NEW WORK PLAN A3.3



77777				<u>LEGEND</u> ABINET TYPE, TYP.		
	NUT III			• · ·		
	XX##					
	XX##			AL CONTRACTOR TO D ORDERING CABINETS.		
		TILLD VLKI		S GREEKING CADINEIS.		
CABINE	T TYPE ABBREVIAT	IONS:				
В	<b>BASE CABINE</b>	Т	W	WALL CABINET		
BB	BLIND BASE C	ABINET	BW	BLIND WALL CABINET		
СВ	CORNER BAS					
DB	DRAWER BAS		BADA	WALL-HUNG ADA		
SB	SINK BASE CA	ABINET	VADA	COMPLIANT BASE (B) OR		
VB	VANITY BASE			VANITY (V) CABINET		
Т	TALL CABINE	Г		WITH FRONT APPROACH		
				CLEARANCE		
N	OTE: PROVIDE SC		BLOCKING	IN NEW AND EXISTING		
	NOTE: PROVIDE SOLID WOOD BLOCKING IN NEW AND EXISTING WALLS AS REQUIRED TO SECURELY ANCHOR NEW CABINETRY.					

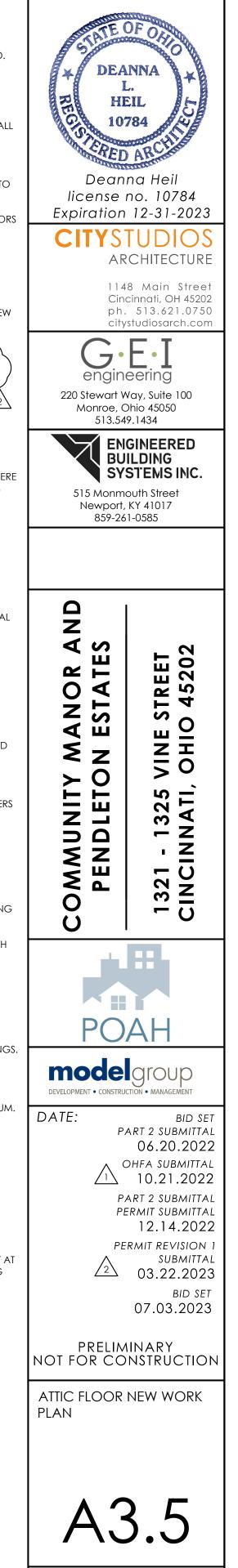
#### **NEW WORK PLAN KEYNOTES** 1. EXISTING STONE OR CONCRETE STAIR/LANDING TO REMAIN. REPAIR AS REQUIRED. DEANNA 2. REPAIR EXISTING STONE RETAINING WALL. HEIL 3. REPAIR EXISTING CONCRETE RETAINING WALL. 10784 4. EXISTING METAL SECURITY GATE / FENCE. REMOVE RUST, CLEAN, PAINT AND INSTALL NEW HARDWARE. REFER TO DOOR SCHEDULE. PROVIDE NEW CONCRETE THIS AREA. PROVIDE SEALANT AT BUILDING PERIMETER WHERE ADJACENT TO BUILDING. IN AREAS WHERE CONCRETE IS ADJACENT TO Deanna Heil HISTORIC STONE STREET CURB, TEMPORARILY MOVE STONE CURB AND REINSTALL TO ORIGINAL LOCATION AS PART OF NEW WORK. license no. 10784 Expiration 12-31-2023 6. PROVIDE NEW BASEMENT SIDEWALK ACCESS DOORS IN EXISTING LOCATION. DOORS TO BE FLUSHED WITH SIDEWALK. PAINT. REFER TO FINISH SCHEDULE. CITYSTUDIOS 7. REPAIR EXISTING ±12" HIGH MASONRY UNIT WALL. ARCHITECTURE 20. PROVIDE NEW USPS APPROVED SURFACE MOUNTED MAILBOXES. MOUNT AT 48" 1148 Main Street A.F.F. MAXIMUM WITH 4" PROJECTION FROM FACE OF WALL. Cincinnati, OH 45202 ph. 513.621.0750 21. SECURE, CLEAN AND REPAIR EXISTING GUARDS/HANDRAILS. PREP TO RECEIVE NEW citystudiosarch.com FINISH. 22. EXISTING FIRE ESCAPE TO REMAIN. REPOINT ALL ATTACHMENTS AND REPAIR $\overline{\mathsf{ALL}}$ DEFICIENCIES. REMOVE RUST AND PROVIDE NEW RUST INHIBITIVE PAINT. G.C. IS RESPONSIBLE FOR FIRE ESCAPE EXAMINATION AND INSPECTION PER CITY OF engineering CINCINNATI - REPAIR WORK TO BE UNDER SEPARATE PERMIT. 220 Stewart Way, Suite 100 23. REPAIR EXISTING EXTERIOR STEEL STAIR. PAINT WITH RUST INHIBITIVE PAINT. SEE $\int \frac{d^2 N}{d^2 N}$ Monroe, Ohio 45050 STRUCTURAL DRAWINGS. 513.549.1434 24. PROVIDE NEW GALVANIZED AND PAINTED EXTERIOR 1-1/2" DIAMETER METAL HANDRAIL MOUNTED AT 34" ABOVE TREAD NOSE. WHERE CONDITIONS ALLOW, BUILDING EXTEND MINIMUM 12" HORIZONTALLY AT TOP TREAD AND EXTEND MINIMUM (1) SYSTEMS INC. TREAD DEPTH HORIZONTALLY AT BOTTOM RISER. RETURN HANDRAIL TO WALL WHERE EXISTING CONDITIONS ALLOW, OTHERWISE RETURN TO FLOOR. PROVIDE GUARDS 515 Monmouth Street WHERE NOT MOUNTED TO EXTERIOR WALL. PROVIDE SHOP DRAWINGS. Newport, KY 41017 859-261-0585 25. PROVIDE NEW ALUMINUM DOWNSPOUT TO REPLACE EXISTING. COLOR T.B.D. BY ARCHITECT. 26. EXISTING EXTERIOR BEAD BOARD CEILING. REPAIR AS REQUIRED AND PAINT. 30. LOCATION OF NEW AC CONDENSING UNIT. REFER TO MECHANICAL DRAWINGS. 31. PROVIDE NEW INTERCOM SYSTEM WITH CONTROLS AT 48" ABOVE GRADE, TO BE Δ DETERMINED AND COORDINATED BY CONTRACTOR/OWNER. REFER TO ELECTRICAL Ζ DRAWINGS S V 32. RELOCATE EXISTING DRYERS AS INDICATED ON DRAWINGS. ш 20 20 **2 –** 40. WALL TO REMAIN. REPAIR, PATCH AND PAINT. Ο 2 5 **F** 4 ST N 41. EXISTING ATTIC ACCESS HATCH. REPAIR AS REQUIRED. NE S HIO ЧШ 42. EXISTING RISERS, TREADS, STRINGERS AND LANDINGS TO REMAIN. REPAIR STAIR ELEMENTS AS REQUIRED TO RECEIVE NEW FINISHES. PROVIDE NEW NON-SLIP TREAD COVERS. REFER TO FINISH SCHEDULE. 20 $\succ 0$ 43. NOT USED 25 TI 44. EXISTING WOOD BASEMENT STAIR TO REMAIN. EVALUATE CONDITION OF STRINGERS — ш **≥** 33 AND TREADS, PREP TO REPAIR WHERE REQUIRED. Ë Z 45. PROVIDE NEW USPS APPROVED RECESSED MAILBOXES IN EXISTING OPENING. Ζ MOUNT AT 48" A.F.F. MAXIMUM. ADJUST OPENING AS NECESSARY. PATCH AND ≶ Z REPAIR EXISTING ADJACENT WALL SURFACES. - U 33 N 46. REPLACE ALL FLOOR TILE WITH NEW FLOOR TILE. REFER TO FINISH SCHEDULE. Δ 47. REPLACE DAMAGED FLOOR TILES WITH NEW TO MATCH EXISTING TILE. FOR BIDDING PURPOSES, ASSUME (4) 12 X 12 TILES ARE TO BE REPLACED O 48. REPLACE MARBLE TRANSITION STRIP BETWEEN TILE AND WOOD FLOORING. MATCH existing. 49. NOT USED 50. PROVIDE NEW WALL. SEE WALL TYPE LEGEND. 59. PROVIDE NEW WATER HEATER. REFER TO PLUMBING DRAWINGS. 60. PROVIDE NEW GAS FURNACE. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS. modelgroup 61. REFER TO PLUMBING DRAWINGS. DEVELOPMENT • CONSTRUCTION • MANAGEMEN 62. WALL SUBSTRATE AND TILE AT BATHTUB SURROUND TO ACCOMMODATE REPLACEMENT OF SHOWER VALVE. KEEP REMOVAL / REPLACEMENT TO A MINIMUM. DATE: CAREFULLY REMOVE AND REINSTALL NEW WALL TILE TO MATCH EXISTING. BID SET PART 2 SUBMITTAL 06.20.2022 70. IN UNOCCUPIED ATTIC SPACE: PROVIDE BLOWN-IN CELLULOSE OR BLOWN-IN OHFA SUBMITTAL CELLULOSE AND FIBERGLASS BATT AT FLOOR JOISTS TO MEET R-49 REQUIREMENT. REFER TO GENERAL NOTE Z. 10.21.2022 PART 2 SUBMITTAL IN UNOCCUPIED ATTIC SPACE: EXISTING BATT INSULATION IN FLOOR JOISTS TO PERMIT SUBMITTAL REMAIN. CONTRACTOR TO VERIFY 10" BATT INSULATION (R-30). IF EXISTING 12.14.2022 INSULATION DOES NOT MEET R-30, CONTRACTOR TO PROVIDE ADDITIONAL INSULATION TO MEET R-49. REFER TO GENERAL NOTE Z. PERMIT REVISION SUBMITTAL 72. IN OCCUPIED ATTIC SPACE: CONTRACTOR TO VERIFY R-30 INSULATION IS PRESENT AT ROOF RAFTERS IN OCCUPIED AREAS. IF EXISTING INSULATION MEETS R-30, EXISTING 03.22.2023 INSULATION TO REMAIN. IF EXISTING INSULATION DOES NOT MEET R-30 OR IS NOT BID SET PRESENT, PROVIDE R-49 INSULATION. REFER TO GENERAL NOTE Z. 07.03.2023 PRELIMINARY NOT FOR CONSTRUCTION FOURTH FLOOR NEW WORK PLAN

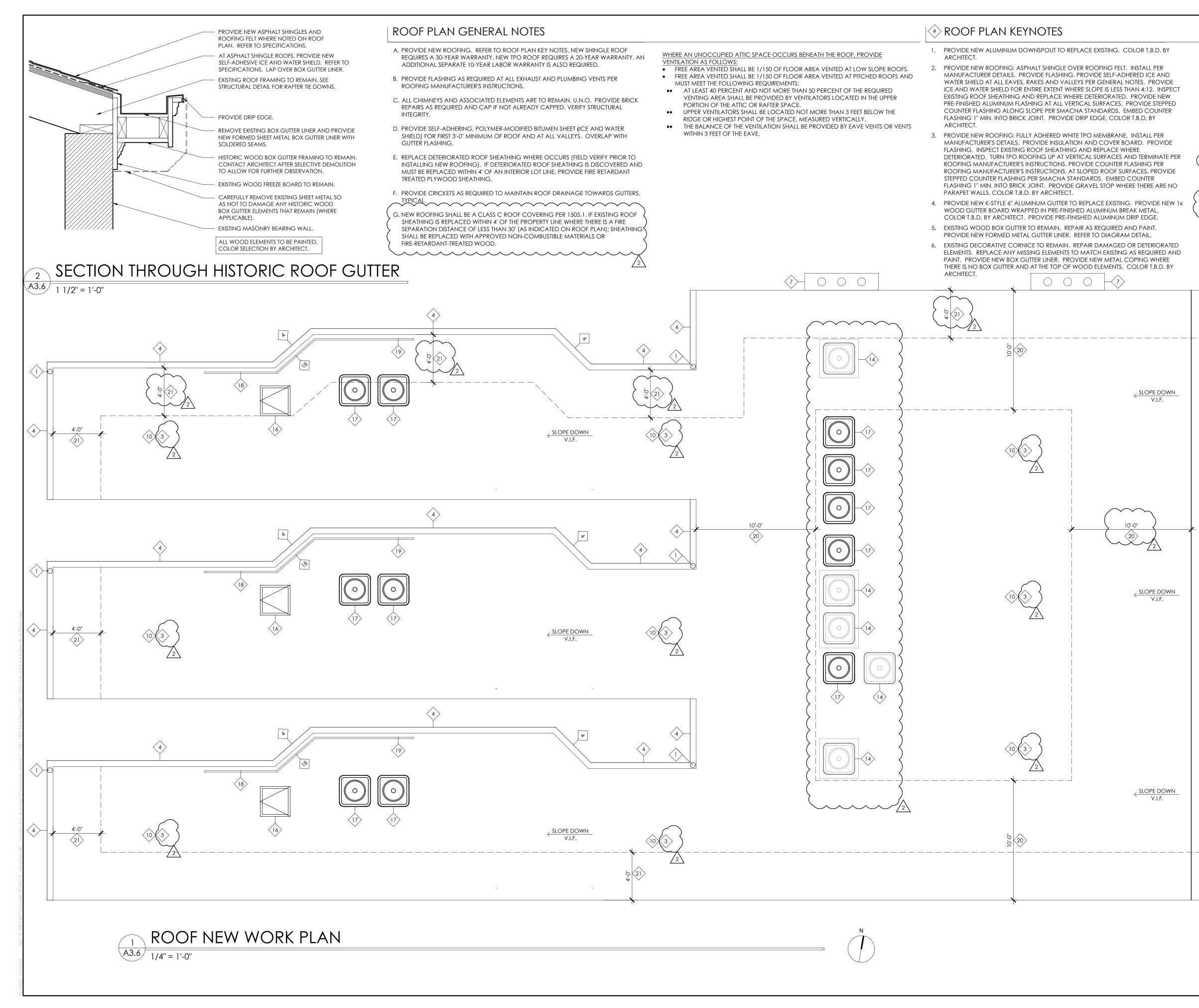


NEEDED. NEEDED. TO FINISH REFER TO FINISH NT CONSTRUCTION UIRED. R TO WINDOW AS NECESSARY. NEW WORK PLANS CEILINGS, SOFFITS, YPICAL. VERIFY PROVIDE HANGING OLOR: WHITE. INC., CLOSETMAID	N. O. P. Q. R. S. T. U. V. W.	<ul> <li>PROVIDE NEW HORIZONTAL LOUVER BLINDS WITH 2" FAUX WOOD SLATS FOR ALL WINDOWS IN ALL ROOMS IN ALL LIVING UNITS. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS, SLAT WIDTH: 2 INCH. COLOR: TBD. ACCEPTABLE MANUFACTURERS: LEVOLOR CONTRACT (A NEWELL RUBBERMAID COMPANY), SPRINGS WINDOW FASHIONS (SWF CONTRACT).</li> <li>PROVIDE NEW BATHROOM ACCESSORIES AND MEDICINE CABINETS. REFER TO NEW WORK PLANS FOR LOCATIONS AND INTERIOR ELEVATIONS.</li> <li>PROVIDE NEW KITCHEN AND BATHROOM CABINETS AND COUNTERTOPS. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS. REFER TO NEW WORK PLANS AND INTERIOR ELEVATIONS.</li> <li>PROVIDE NEW APPLIANCES. REFER TO NEW WORK PLANS, INTERIOR ELEVATIONS AND APPLIANCE SCHEDULE.</li> <li>PROVIDE NEW GAS FURNACES, THERMOSTATS, CONDENSING UNITS, EXHAUST FANS AND APPLIANCE SCHEDULE.</li> <li>PROVIDE NEW WATER CLOSETS, VANITY SINKS AND FAUCETS. REFER TO PLUMBING DRAWINGS.</li> <li>REMOVE EXISTING SHOWER VALVE BY REMOVING SECTION OF GYPSUM BOARD/PLASTER FROM BEHIND BATHTUB WALL IN ADJACENT ROOM. REPAIR WALL AFTER SHOWER VALVES HAVE BEY REMOVING SECTION OF GYPSUM BOARD/PLASTER FROM BEHIND BATHTUB WALL IN ADJACENT ROOM. REPAIR WALL AFTER SHOWER VALVES HAVE BEY REMOVING SOMOTH CONTINUOUS SURFACE. WHERE ACCESS FROM BEHIND IS NOT POSSIBLE, CAREFULLY REMOVE AND REPLACE/REINSTALL SECTION OF GYPSUM BOARD/PLASTER AND TILE FROM BATHTUB SURROUND. REFER TO NEW WORK KEYNOTES.</li> <li>PROVIDE NEW DOUBLE BOWL SINKS AND NEW FAUCETS IN KITCHENS. REFER TO PLUMBING DRAWINGS.</li> <li>REPLACE EXISTING WATER HEATERS AND SUMP PUMPS WITH NEW WHERE NOTED ON PLUMBING DRAWINGS.</li> <li>REPLACE EXISTING CARBON MONOXIDE/SMOKE DETECTORS WITH NEW. REFER TO ELECTRICAL DRAWINGS.</li> </ul>		PROVIDE NEW LIGHT FIXTURES, SWITCHES, AND RECEPTACLES IN EXISTING LOCATIONS. PROVIDE NEW COVER PLATES. REPLACE TV, CABLE AND DATA OUTLET COVER PLATES. REFER TO ELECTRICAL DRAWINGS. VERIFY ALL ATTIC ACCESS LADDERS WORK PROPERLY. REPAIR AS REQUIRED. WHEN ADDING INSULATION, PROVIDE AIR SEALING FOR AIR BYPASS LOCATIONS INCLUDING, BUT NOT LIMITED TO: CHIMNEY CHASES, COMBUSION/SOIL STACK CHASES, OPEN WALL TOPS, DROPPED CEILING, OPEN PLUMBING WALLS, BENEATH KNEE WALLS, AROUND DUCTWORK, ELECTRICAL WORK AND ATTIC POINTS. ACCEPTABLE SEALING MATERIALS ARE DETERMINED BY SIZE AND LOCATION OF OPENING AND INCLUDE HIGH QUALITY CAULKING WITH 20-YEAR LIFE SPAN, POLYETHYLENE ROD STOCK, SPRAY FOAM, GYPSUM BOARD, SHEET METAL, EXTRUDED POLYSTYRENE INSULATION AND DENSELY PACKED INSULATION. AIR SEALING MUST PREVENT AIR LEAKAGE THAT WILL NOT BE DETECTED BY INFRARED SCAN WHEN BUILDING IS DEPRESSURIZED AT 25 PASCALS. C A B I N E T R Y P L A N L E G E N D LETTERS INDICATES CABINET TYPE, TYP. 	
			70 OCCUPIEL TIC		
			0 OCCUPIEL TIC		

#### NEW WORK PLAN KEYNOTES

- 1. EXISTING STONE OR CONCRETE STAIR/LANDING TO REMAIN. REPAIR AS REQUIRED.
- 2. REPAIR EXISTING STONE RETAINING WALL.
- 3. REPAIR EXISTING CONCRETE RETAINING WALL.
- 4. EXISTING METAL SECURITY GATE / FENCE. REMOVE RUST, CLEAN, PAINT AND INSTALL NEW HARDWARE. REFER TO DOOR SCHEDULE.
- 5. PROVIDE NEW CONCRETE THIS AREA. PROVIDE SEALANT AT BUILDING PERIMETER WHERE ADJACENT TO BUILDING. IN AREAS WHERE CONCRETE IS ADJACENT TO HISTORIC STONE STREET CURB, TEMPORARILY MOVE STONE CURB AND REINSTALL TO ORIGINAL LOCATION AS PART OF NEW WORK.
- 6. PROVIDE NEW BASEMENT SIDEWALK ACCESS DOORS IN EXISTING LOCATION. DOORS TO BE FLUSHED WITH SIDEWALK. PAINT. REFER TO FINISH SCHEDULE.
- 7. REPAIR EXISTING ±12" HIGH MASONRY UNIT WALL.
- 20. PROVIDE NEW USPS APPROVED SURFACE MOUNTED MAILBOXES. MOUNT AT 48" A.F.F. MAXIMUM WITH 4" PROJECTION FROM FACE OF WALL.
- 21. SECURE, CLEAN AND REPAIR EXISTING GUARDS/HANDRAILS. PREP TO RECEIVE NEW FINISH.
- 22. EXISTING FIRE ESCAPE TO REMAIN. REPOINT ALL ATTACHMENTS AND REPAIR ALL DEFICIENCIES. REMOVE RUST AND PROVIDE NEW RUST INHIBITIVE PAINT. G.C. IS RESPONSIBLE FOR FIRE ESCAPE EXAMINATION AND INSPECTION PER CITY OF CINCINNATI - REPAIR WORK TO BE UNDER SEPARATE PERMIT.
- 23. REPAIR EXISTING EXTERIOR STEEL STAIR. PAINT WITH RUST INHIBITIVE PAINT. SEE 2 STRUCTURAL DRAWINGS.
- 24. PROVIDE NEW GALVANIZED AND PAINTED EXTERIOR 1-1/2" DIAMETER METAL HANDRAIL MOUNTED AT 34" ABOVE TREAD NOSE. WHERE CONDITIONS ALLOW, EXTEND MINIMUM 12" HORIZONTALLY AT TOP TREAD AND EXTEND MINIMUM (1) TREAD DEPTH HORIZONTALLY AT BOTTOM RISER. RETURN HANDRAIL TO WALL WHERE EXISTING CONDITIONS ALLOW, OTHERWISE RETURN TO FLOOR. PROVIDE GUARDS WHERE NOT MOUNTED TO EXTERIOR WALL. PROVIDE SHOP DRAWINGS.
- 25. PROVIDE NEW ALUMINUM DOWNSPOUT TO REPLACE EXISTING. COLOR T.B.D. BY ARCHITECT.
- 26. EXISTING EXTERIOR BEAD BOARD CEILING. REPAIR AS REQUIRED AND PAINT.
- 30. LOCATION OF NEW AC CONDENSING UNIT. REFER TO MECHANICAL DRAWINGS.31. PROVIDE NEW INTERCOM SYSTEM WITH CONTROLS AT 48" ABOVE GRADE, TO BE
- DETERMINED AND COORDINATED BY CONTRACTOR/OWNER. REFER TO ELECTRICAL DRAWINGS
- 32. RELOCATE EXISTING DRYERS AS INDICATED ON DRAWINGS.
- 40. WALL TO REMAIN. REPAIR, PATCH AND PAINT.
- 41. EXISTING ATTIC ACCESS HATCH. REPAIR AS REQUIRED.
- 42. EXISTING RISERS, TREADS, STRINGERS AND LANDINGS TO REMAIN. REPAIR STAIR ELEMENTS AS REQUIRED TO RECEIVE NEW FINISHES. PROVIDE NEW NON-SLIP TREAD COVERS. REFER TO FINISH SCHEDULE.
- 43. NOT USED
- 44. EXISTING WOOD BASEMENT STAIR TO REMAIN. EVALUATE CONDITION OF STRINGERS AND TREADS, PREP TO REPAIR WHERE REQUIRED.
- 45. PROVIDE NEW USPS APPROVED RECESSED MAILBOXES IN EXISTING OPENING. MOUNT AT 48" A.F.F. MAXIMUM. ADJUST OPENING AS NECESSARY. PATCH AND REPAIR EXISTING ADJACENT WALL SURFACES.
- ${\mathbb Y}$  46. REPLACE ALL FLOOR TILE WITH NEW FLOOR TILE. REFER TO FINISH SCHEDULE.
- 47. REPLACE DAMAGED FLOOR TILES WITH NEW TO MATCH EXISTING TILE. FOR BIDDING PURPOSES, ASSUME (4) 12 X 12 TILES ARE TO BE REPLACED.
- 48. REPLACE MARBLE TRANSITION STRIP BETWEEN TILE AND WOOD FLOORING. MATCH EXISTING.
- 49. NOT USED
- 50. PROVIDE NEW WALL. SEE WALL TYPE LEGEND.
- $^{\prime}$  59. Provide New Water Heater. Refer to plumbing drawings.
- 60. PROVIDE NEW GAS FURNACE. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.
- 61. REFER TO PLUMBING DRAWINGS.
- 62. WALL SUBSTRATE AND TILE AT BATHTUB SURROUND TO ACCOMMODATE REPLACEMENT OF SHOWER VALVE. KEEP REMOVAL / REPLACEMENT TO A MINIMUM. CAREFULLY REMOVE AND REINSTALL NEW WALL TILE TO MATCH EXISTING.
- 70. IN UNOCCUPIED ATTIC SPACE: PROVIDE BLOWN-IN CELLULOSE OR BLOWN-IN CELLULOSE AND FIBERGLASS BATT AT FLOOR JOISTS TO MEET R-49 REQUIREMENT. REFER TO GENERAL NOTE Z.
- 71. IN UNOCCUPIED ATTIC SPACE: EXISTING BATT INSULATION IN FLOOR JOISTS TO REMAIN. CONTRACTOR TO VERIFY 10" BATT INSULATION (R-30). IF EXISTING INSULATION DOES NOT MEET R-30, CONTRACTOR TO PROVIDE ADDITIONAL INSULATION TO MEET R-49. REFER TO GENERAL NOTE Z.
- 72. IN OCCUPIED ATTIC SPACE: CONTRACTOR TO VERIFY R-30 INSULATION IS PRESENT AT ROOF RAFTERS IN OCCUPIED AREAS. IF EXISTING INSULATION MEETS R-30, EXISTING INSULATION TO REMAIN. IF EXISTING INSULATION DOES NOT MEET R-30 OR IS NOT PRESENT, PROVIDE R-49 INSULATION. REFER TO GENERAL NOTE Z.

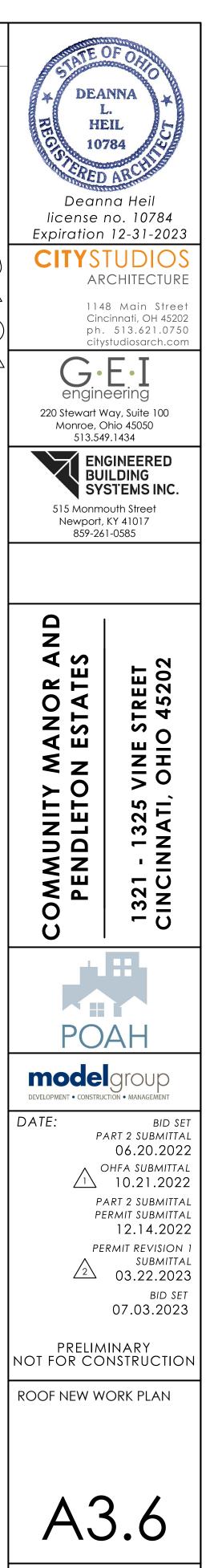


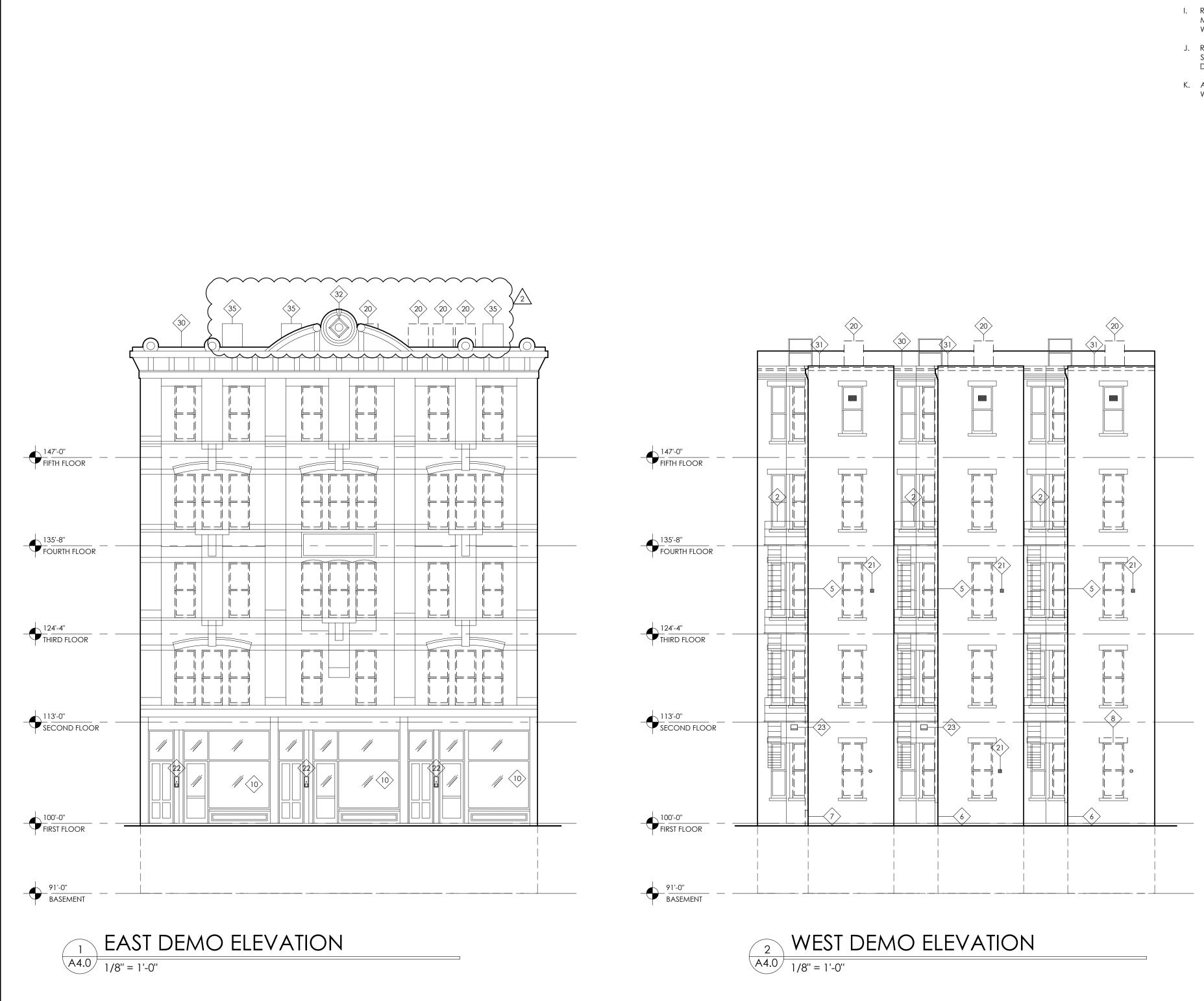


- 7. EXISTING MASONRY CHIMNEY TO REMAIN. REPAIR MASONRY AS REQUIRED.
- 8. PROVIDE NEW GUARDRAIL AT NEW MECHANICAL UNIT.
- 9. PROVIDE CRICKETS AS REQUIRED TO MAINTAIN ROOF DRAINAGE TOWARDS GUTTERS, TYPICAL.
- PROVIDE CONTINUOUS RIDGE VENT. REFER TO VENTILATION REQUIREMENTS IN GENERAL NOTES.
   LOCATION OF ROOFTOP CONDENSING UNIT. REFER TO MECHANICAL DRAWINGS.
- 12. LOCATION OF ROOT OF CONDENSING UNIT. REFER TO MECHANICAL DRAWINGS REFER TO STRUCTURAL DRAWINGS FOR REQUIRED STRUCTURAL MODIFICATIONS.
   13. PROVIDE FIELD FABRICATED EXPANSION JOINT PER MANUFACTURER'S DETAILS AT
- INTERSECTION OF ROOF AND ADJACENT BUILDING WALL. 14. EXISTING 1ST FLOOR COMMERCIAL SPACE MECHANICAL EQUIPMENT TO REMAIN IN EXISTING LOCATION. VERIFY LOCATION.
- NOT USED.
   PROVIDE NEW ROOF ACCESS HATCH.
   PROVIDE NEW RESIDENTIAL CONDENSING UNIT ON ROOF. PROVIDE ROOF
- STRUCTURE REINFORCEMENT AS NOTED ON STRUCTURAL DRAWINGS. REFER TO MECHANICAL DRAWINGS AND STRUCTURAL DRAWINGS. 18. EXISTING METAL GUARDRAIL TO REMAIN. SECURE, REPAIR, CLEAN, AND PAINT.
- EXISTING METAL GUARDRAIL TO REMAIN. SECURE, REPAIR, CLEAN, AND PAINT.
   PROVIDE NEW PAINTED 42" TALL METAL GUARDRAIL. GUARDRAIL MEMBERS SPACED TO PREVENT THE PASSAGE OF A 21" DIA. SPHERE. SEE STRUCTURAL DRAWINGS. SEE EXTERIOR FINISH SCHEDULE FOR PAINT COLOR. PROVIDE SHOP DRAWING FOR REVIEW.
- 20. NO WORK BOUNDARY WITHIN 10' OF ROOF PERIMETER.

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21. IF ROOF SHEATHING IS REPLACED WITHIN 48" OF ROOF PERIMETER, NEW ROOF SHEATHING TO BE FIRE RETARDANT TREATED WOOD.

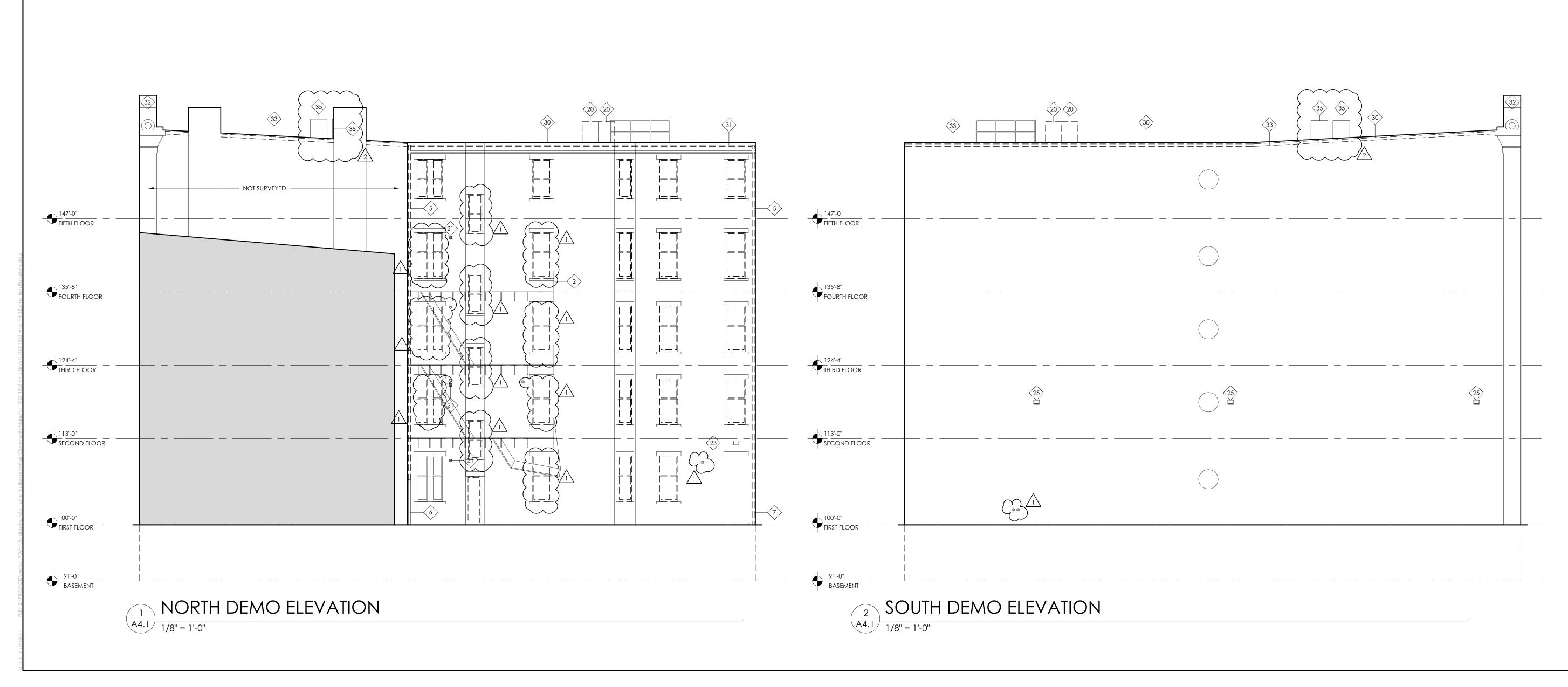




#### DEMOLITION ELEVATION GENERAL NOTES

- A. ALL BOLD DASHED ELEMENTS ARE TO BE REMOVED, U.N.O. CONSULT ARCHITECT FOR CLARIFICATION IF NOTATIONS AND GRAPHICS CONFLICT OR IF INTENT IS UNCLEAR.
- B. REMOVE ALL IVY AND ANY SIMILAR PLANT GROWTH INCLUDING ROOTS FROM EXISTING BRICK AND STONE MASONRY ON BUILDING EXTERIOR AND FROM SITE.
- C. REMOVE ALL EXISTING DOWNSPOUTS AND HUNG GUTTERS. EXISTING HISTORIC BOX GUTTERS AND CORNICES TO REMAIN. REMOVE EXISTING BOX GUTTER LINERS AND PREPARE FOR NEW BOX GUTTER LINERS. EXISTING CAST IRON BOOTS TO REMAIN.
- D. PREPARE ALL BRICK AND STONE MASONRY FOR REPAIR. CAREFULLY REMOVE ANY CRACKED OR SOFT BRICK SO AS NOT TO DAMAGE ADJACENT MASONRY. CAREFULLY REMOVE ANY DETERIORATED OR SOFT MORTAR IN PREPARATION FOR TUCKPOINTING.
- E. REFER TO NEW WORK ELEVATIONS FOR BRICK TO BE REPLACED AND FOR MORTAR TO BE TUCKPOINTED.
- F. EXISTING EXTERIOR STONE LINTELS AND SILLS TO REMAIN, U.N.O.
- G. REMOVE LOOSE PAINT ON EXISTING SURFACES AND PREP FOR NEW PAINT.
- H. EXISTING STOREFRONT ELEMENTS TO REMAIN.
- I. REMOVE ALL EXISTING CONDUIT, LIGHT FIXTURES, ELECTRICAL EQUIPMENT, MECHANICAL VENTS, PLUMBING ELEMENTS AND ASSOCIATED ATTACHMENTS WITHOUT DAMAGING EXISTING MASONRY. PREP MASONRY FOR REPAIR.
- J. REMOVE ALL EXISTING ROOFING INCLUDING FASTENERS DOWN TO ROOF SHEATHING. VERIFY CONDITION OF EXISTING ROOF SHEATHING AND REMOVE DAMAGED OR DETERIORATED AREAS.
- K. ALL CHIMNEYS AND ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. REFER TO NEW WORK PLANS.

#### I < DEMOLITION ELEVATION KEYNOTES</p> 1. REMOVE EXISTING MAIL BOXES. DEANNA 2. EXISTING FIRE ESCAPE TO REMAIN. HEIL 3. EXISTING METAL EXTERIOR STAIR TO REMAIN. SCRAP RUST, PATCH AND REPAIR DAMAGED AREAS AND PREP FOR RUST INHIBITIVE PAINT. REFER TO STRUCTURAL 10784 DRAWINGS. 4. NOT USED. 5. REMOVE EXISTING DOWNSPOUT. Deanna Heil 6. EXISTING CAST IRON DOWNSPOUT BOOT TO REMAIN. license no. 10784 Expiration 12-31-2023 7. REMOVE EXISTING PVC DOWNSPOUT BOOT. CITYSTUDIOS 8. REMOVE EXISTING CRACKED STONE LINTEL OR SILL AND PREP FOR REPLACEMENT. ARCHITECTURE 9. REMOVE EXTERIOR SIDING. 1148 Main Street 10. EXISTING STOREFRONT ELEMENTS TO REMAIN AND TO BE PROTECTED DURING Cincinnati, OH 45202 CONSTRUCTION. ph. 513.621.0750 citystudiosarch.com 11. REMOVE EXISTING METAL FRAMING AND PREPARE AREA OF MASONRY FOR REPAIR. 12. REMOVE EXISTING WALL. REFER TO DEMOLITION PLANS. J.F. 13. REMOVE STREET ADDRESS PLAQUE TO RELOCATE IN NEW LOCATION AS INDICATED IN engineering NEW WORK ELEVATION. 220 Stewart Way, Suite 100 20. DISCONNECT AND REMOVE EXISTING MECHANICAL EQUIPMENT AND ALL Monroe, Ohio 45050 ASSOCIATED COMPONENTS FOR RESIDENTIAL APARTMENT UNITS ONLY. 513.549.1434 CONTRACTOR TO VERIFY LOCATION OF RESIDENTIAL UNITS IN FIELD. REMOVE ASSOCIATED PLATFORMS. EXISTING DUCTWORK TO REMAIN. REFER TO MECHANICAL DRAWINGS. BUILDING SYSTEMS INC. 21. EXISTING EXHAUST VENT(S) TO REMAIN. REMOVE EXISTING COVER(S) AND PREPARE DUCT FOR NEW COVER(S) AS REQUIRED. 515 Monmouth Street Newport, KY 41017 22. REMOVE EXISTING INTERCOM SYSTEM INCLUDING ASSOCIATED COMPONENTS IN 859-261-0585 EACH DWELLING UNIT. REFER TO ELECTRICAL DRAWINGS 23. REMOVE EXISTING EXTERIOR LIGHT FIXTURE. EXISTING JUNCTION BOX TO REMAIN. REFER TO ELECTRICAL DRAWINGS. 24. LOCATION OF EXISTING ELECTRICAL SERVICE TO REMAIN. REFER TO ELECTRICAL DRAWINGS. 25. EXISTING ELECTRICAL EQUIPMENT TO REMAIN. 26. EXISTING EXTERIOR LIGHT FIXTURE TO REMAIN. A S 2 EET 20; ш 27. EXISTING SECURITY CAMERA TO REMAIN. ~ – 0 < 2 5 30. REMOVE ALL EXISTING ROOFING MATERIALS AND DETERIORATED WOOD ROOF **F** 4 ST N SHEATHING IF PRESENT (V.I.F.) INCLUDING BUT NOT LIMITED TO FLASHING, COPINGS, NE S HIO TERMINATIONS, ETC. PREP FOR NEW ROOFING. ЧШ 31. REMOVE EXISTING HUNG ALUMINUM GUTTERS. REMOVE GUTTER BOARD TRIM AND Σ PREP FOR REPLACEMENT. **5**0 ≻ 0 32. EXISTING BOX GUTTER/DECORATIVE CORNICE TO REMAIN. REMOVE ANY DETERIORATED WOOD ELEMENTS AND PREP FOR NEW WORK. REMOVE EXISTING 1325 NATI, GUTTER LINER AND PREP FOR NEW. — ш ZJ 33. REMOVE EXISTING RAKE BOARD AND PREP FOR NEW WORK. ιZ 34. EXISTING ATTIC VENT TO REMAIN. VERIFY CONDITION. ≶ Z **-** U 35. EXISTING COMMERCIAL 1ST FLOOR COMMERCIAL SPACE MECHANICAL EQUIPMENT 32 IN 32 TO REMAIN AND TO REMAIN IN SERVICE DURING CONSTRUCTION. CONTRACTOR TO Δ VERIFY IN FIELD LOCATION OF COMMERCIAL MECHANICAL UNITS. $\mathbf{O}$ U 2POAF modelgroup DATE: BID SET PART 2 SUBMITTAL 06.20.2022 OHFA SUBMITTAL 10.21.2022 PART 2 SUBMITTAL PERMIT SUBMITTAL 12.14.2022 PERMIT REVISION SUBMITTAL 03.22.2023 $\sqrt{2}$ bid Set 07.03.2023 PRELIMINARY NOT FOR CONSTRUCTION EAST AND WEST DEMOLITION ELEVATIONS A4.0



#### DEMOLITION ELEVATION GENERAL NOTES

- A. ALL BOLD DASHED ELEMENTS ARE TO BE REMOVED, U.N.O. CONSULT ARCHITECT FOR 1. REMOVE EXISTING MAIL BOXES. CLARIFICATION IF NOTATIONS AND GRAPHICS CONFLICT OR IF INTENT IS UNCLEAR.
- B. REMOVE ALL IVY AND ANY SIMILAR PLANT GROWTH INCLUDING ROOTS FROM EXISTING BRICK AND STONE MASONRY ON BUILDING EXTERIOR AND FROM SITE.
- C. REMOVE ALL EXISTING DOWNSPOUTS AND HUNG GUTTERS. EXISTING HISTORIC BOX GUTTERS AND CORNICES TO REMAIN. REMOVE EXISTING BOX GUTTER LINERS AND PREPARE FOR NEW BOX GUTTER LINERS. EXISTING CAST IRON BOOTS TO REMAIN.
- D. PREPARE ALL BRICK AND STONE MASONRY FOR REPAIR. CAREFULLY REMOVE ANY CRACKED OR SOFT BRICK SO AS NOT TO DAMAGE ADJACENT MASONRY. CAREFULLY REMOVE ANY DETERIORATED OR SOFT MORTAR IN PREPARATION FOR TUCKPOINTING.
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- F. EXISTING EXTERIOR STONE LINTELS AND SILLS TO REMAIN, U.N.O.
- G. REMOVE LOOSE PAINT ON EXISTING SURFACES AND PREP FOR NEW PAINT.
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- J. REMOVE ALL EXISTING ROOFING INCLUDING FASTENERS DOWN TO ROOF SHEATHING. VERIFY CONDITION OF EXISTING ROOF SHEATHING AND REMOVE DAMAGED OR DETERIORATED AREAS.
- K. ALL CHIMNEYS AND ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. REFER TO NEW WORK PLANS.

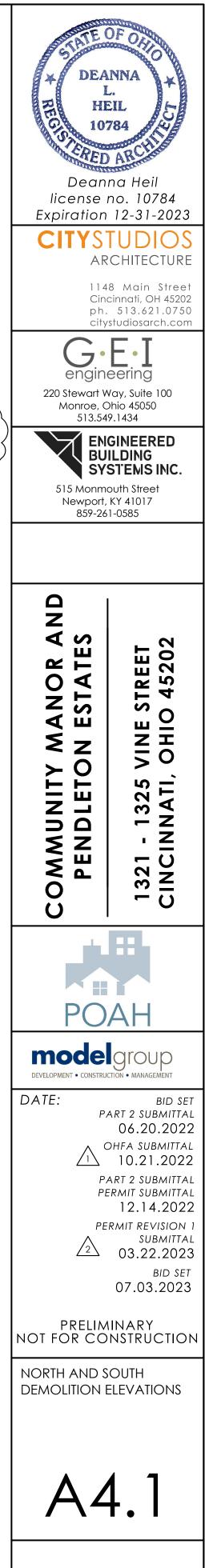
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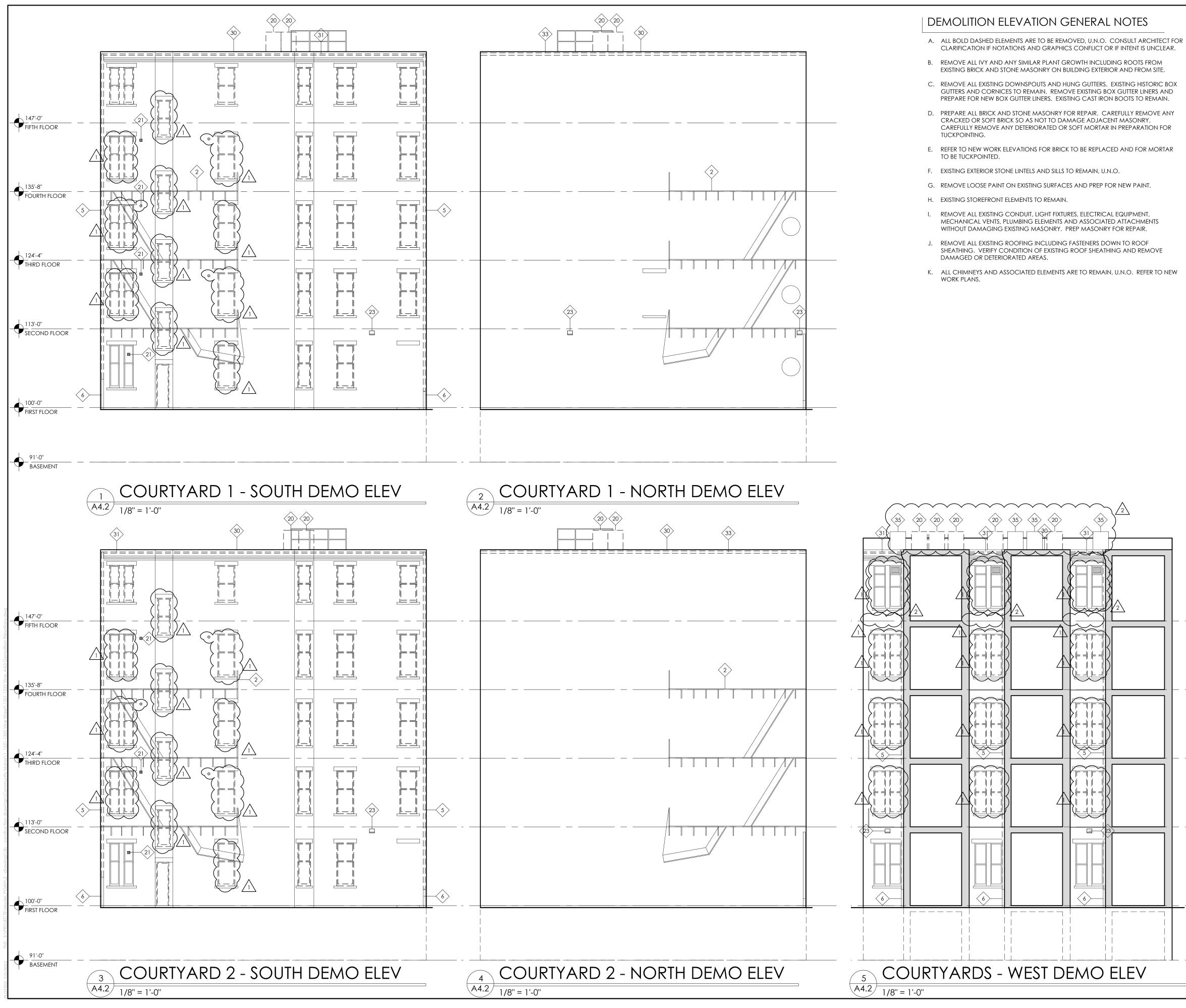
- 2. EXISTING FIRE ESCAPE TO REMAIN.
- 3. EXISTING METAL EXTERIOR STAIR TO REMAIN. SCRAP RUST, PATCH AND REPAIR DAMAGED AREAS AND PREP FOR RUST INHIBITIVE PAINT. REFER TO STRUCTURAL DRAWINGS.
- 4. NOT USED.
- 5. REMOVE EXISTING DOWNSPOUT.
- 6. EXISTING CAST IRON DOWNSPOUT BOOT TO REMAIN.
- 7. REMOVE EXISTING PVC DOWNSPOUT BOOT.
- 8. REMOVE EXISTING CRACKED STONE LINTEL OR SILL AND PREP FOR REPLACEMENT.
- 9. REMOVE EXTERIOR SIDING.

CONSTRUCTION.

- 10. EXISTING STOREFRONT ELEMENTS TO REMAIN AND TO BE PROTECTED DURING
- 11. REMOVE EXISTING METAL FRAMING AND PREPARE AREA OF MASONRY FOR REPAIR.
- 12. REMOVE EXISTING WALL. REFER TO DEMOLITION PLANS.
- 13. REMOVE STREET ADDRESS PLAQUE TO RELOCATE IN NEW LOCATION AS INDICATED IN NEW WORK ELEVATION.
- 0. DISCONNECT AND REMOVE EXISTING MECHANICAL EQUIPMENT AND ALL ASSOCIATED COMPONENTS FOR RESIDENTIAL APARTMENT UNITS ONLY. CONTRACTOR TO VERIFY LOCATION OF RESIDENTIAL UNITS IN FIELD. REMOVE ASSOCIATED PLATFORMS. EXISTING DUCTWORK TO REMAIN. REFER TO MECHANICAL DRAWINGS.
- 21. EXISTING EXHAUST VENT(S) TO REMAIN. REMOVE EXISTING COVER(S) AND PREPARE DUCT FOR NEW COVER(S) AS REQUIRED.

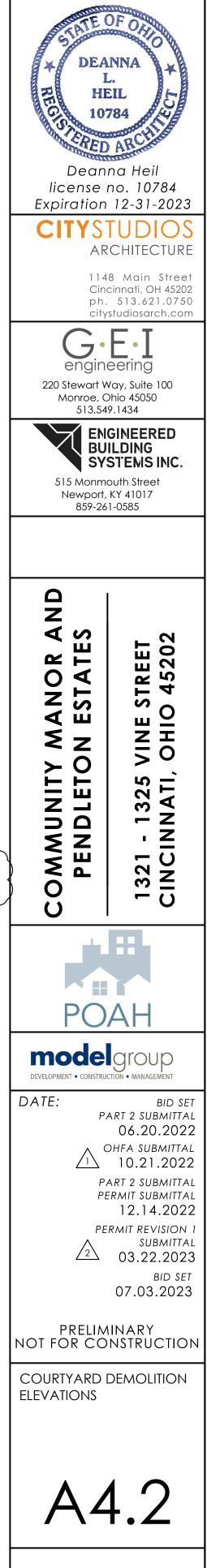
- 22. REMOVE EXISTING INTERCOM SYSTEM INCLUDING ASSOCIATED COMPONENTS IN EACH DWELLING UNIT. REFER TO ELECTRICAL DRAWINGS
- 23. REMOVE EXISTING EXTERIOR LIGHT FIXTURE. EXISTING JUNCTION BOX TO REMAIN. REFER TO ELECTRICAL DRAWINGS.
- 24. LOCATION OF EXISTING ELECTRICAL SERVICE TO REMAIN. REFER TO ELECTRICAL DRAWINGS.
- 25. EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
- 26. EXISTING EXTERIOR LIGHT FIXTURE TO REMAIN.
- 27. EXISTING SECURITY CAMERA TO REMAIN.
- 30. REMOVE ALL EXISTING ROOFING MATERIALS AND DETERIORATED WOOD ROOF SHEATHING IF PRESENT (V.I.F.) INCLUDING BUT NOT LIMITED TO FLASHING, COPINGS, TERMINATIONS, ETC. PREP FOR NEW ROOFING.
- 31. REMOVE EXISTING HUNG ALUMINUM GUTTERS. REMOVE GUTTER BOARD TRIM AND PREP FOR REPLACEMENT.
- 32. EXISTING BOX GUTTER/DECORATIVE CORNICE TO REMAIN. REMOVE ANY DETERIORATED WOOD ELEMENTS AND PREP FOR NEW WORK. REMOVE EXISTING GUTTER LINER AND PREP FOR NEW.
- 33. REMOVE EXISTING RAKE BOARD AND PREP FOR NEW WORK.
- 34. EXISTING ATTIC VENT TO REMAIN. VERIFY CONDITION.
- $\checkmark \checkmark \checkmark \checkmark \checkmark \checkmark \checkmark \checkmark$ 5. EXISTING COMMERCIAL 1ST FLOOR COMMERCIAL SPACE MECHANICAL EQUIPMENT TO REMAIN AND TO REMAIN IN SERVICE DURING CONSTRUCTION. CONTRACTOR TO VERIFY IN FIELD LOCATION OF COMMERCIAL MECHANICAL UNITS.





### DEMOLITION ELEVATION KEYNOTES

- 1. REMOVE EXISTING MAIL BOXES.
- 2. EXISTING FIRE ESCAPE TO REMAIN.
- 3. EXISTING METAL EXTERIOR STAIR TO REMAIN. SCRAP RUST, PATCH AND REPAIR DAMAGED AREAS AND PREP FOR RUST INHIBITIVE PAINT. REFER TO STRUCTURAL DRAWINGS.
- 4. NOT USED.
- 5. REMOVE EXISTING DOWNSPOUT.
- 6. EXISTING CAST IRON DOWNSPOUT BOOT TO REMAIN.
- 7. REMOVE EXISTING PVC DOWNSPOUT BOOT.
- 8. REMOVE EXISTING CRACKED STONE LINTEL OR SILL AND PREP FOR REPLACEMENT.
- 9. REMOVE EXTERIOR SIDING.
- 10. EXISTING STOREFRONT ELEMENTS TO REMAIN AND TO BE PROTECTED DURING CONSTRUCTION.
- 11. REMOVE EXISTING METAL FRAMING AND PREPARE AREA OF MASONRY FOR REPAIR.
- 12. REMOVE EXISTING WALL. REFER TO DEMOLITION PLANS.
- 13. REMOVE STREET ADDRESS PLAQUE TO RELOCATE IN NEW LOCATION AS INDICATED IN NEW WORK ELEVATION.
- 0. DISCONNECT AND REMOVE EXISTING MECHANICAL EQUIPMENT AND ALL ASSOCIATED COMPONENTS FOR RESIDENTIAL APARTMENT UNITS ONLY. CONTRACTOR TO VERIFY LOCATION OF RESIDENTIAL UNITS IN FIELD. REMOVE ASSOCIATED PLATFORMS. EXISTING DUCTWORK TO REMAIN. REFER TO MECHANICAL DRAWINGS.
- 21. EXISTING EXHAUST VENT(S) TO REMAIN. REMOVE EXISTING COVER(S) AND PREPARE DUCT FOR NEW COVER(S) AS REQUIRED.
- 22. REMOVE EXISTING INTERCOM SYSTEM INCLUDING ASSOCIATED COMPONENTS IN EACH DWELLING UNIT. REFER TO ELECTRICAL DRAWINGS
- 23. REMOVE EXISTING EXTERIOR LIGHT FIXTURE. EXISTING JUNCTION BOX TO REMAIN. REFER TO ELECTRICAL DRAWINGS.
- 24. LOCATION OF EXISTING ELECTRICAL SERVICE TO REMAIN. REFER TO ELECTRICAL DRAWINGS.
- 25. EXISTING ELECTRICAL EQUIPMENT TO REMAIN.
- 26. EXISTING EXTERIOR LIGHT FIXTURE TO REMAIN.
- 27. EXISTING SECURITY CAMERA TO REMAIN.
- 30. REMOVE ALL EXISTING ROOFING MATERIALS AND DETERIORATED WOOD ROOF SHEATHING IF PRESENT (V.I.F.) INCLUDING BUT NOT LIMITED TO FLASHING, COPINGS, TERMINATIONS, ETC. PREP FOR NEW ROOFING.
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- 32. EXISTING BOX GUTTER/DECORATIVE CORNICE TO REMAIN. REMOVE ANY DETERIORATED WOOD ELEMENTS AND PREP FOR NEW WORK. REMOVE EXISTING GUTTER LINER AND PREP FOR NEW.
- 33. REMOVE EXISTING RAKE BOARD AND PREP FOR NEW WORK.
- 34. EXISTING ATTIC VENT TO REMAIN. VERIFY CONDITION.
- $\sim\sim\sim\sim\sim\sim\sim$ 35. EXISTING COMMERCIAL 1ST FLOOR COMMERCIAL SPACE MECHANICAL EQUIPMENT TO REMAIN AND TO REMAIN IN SERVICE DURING CONSTRUCTION. CONTRACTOR TO VERIFY IN FIELD LOCATION OF COMMERCIAL MECHANICAL UNITS.





#### NEW WORK ELEVATION GENERAL NOTES

- A. DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS IN FIELD AS NEEDED.
- B. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS.
- C. PAINT ALL PREVIOUSLY PAINTED EXTERIOR ELEMENTS. REFER TO FINISH SCHEDULE.
- D. PATCH AND REPAIR ALL SURFACES TO MATCH EXISTING ADJACENT CONSTRUCTION AT AREAS OF DEMOLITION.
- E. VERIFY OPERATION OF SUBSURFACE DRAINAGE. SCOPE AS REQUIRED.
- F. TUCKPOINT ALL MISSING, DETERIORATED OR SOFT MORTAR JOINTS IN ALL MASONRY. AREAS SPECIFICALLY NOTED FOR TUCKPOINTING AND OVERALL PERCENTAGES ARE FOR BIDDING REFERENCE ONLY. CONTRACTOR TO SURVEY MASONRY IN ORDER TO FINALIZE SCOPE OF WORK. PROVIDE MARKED-UP ELEVATION DRAWING TO NOTE AREAS OF WORK.
- G. REPLACE ALL MISSING, CRACKED, ERODED OR SPALLED BRICKS WITH NEW TO MATCH EXISTING HISTORIC BRICKS. EXERCISE CARE SO AS NOT TO DAMAGE ADJACENT HISTORIC BRICKS. AREAS SPECIFICALLY NOTED FOR REPLACEMENT ARE FOR BIDDING REFERENCE ONLY. CONTRACTOR TO SURVEY MASONRY IN ORDER TO FINALIZE SCOPE OF WORK. PROVIDE MARKED-UP ELEVATION DRAWING TO NOTE AREAS OF WORK.
- H. REPAIR EXISTING MASONRY AT LOCATIONS OF REPLACED VENTS, SATELLITE DISHES, LIGHT FIXTURES, ETC. TO MATCH EXISTING CONSTRUCTION. REMOVE/REPLACE BRICKS AS REQUIRED.
- I. EXISTING STONE LINTELS AND SILLS ARE TO REMAIN. REPLACE ALL CRACKED STONE LINTELS AND SILLS. WITH NEW CAST STONE TO MATCH EXISTING CONSTRUCTION. AFTER CONSTRUCTION, CONTRACTOR TO SURVEY ALL LINTELS AND SILLS TO FINALIZE SCOPE OF WORK.
- J. PROVIDE NEW POAH SIGNAGE WITH POAH LOGO AT MAIN ENTRIES AND FRONT FACADES. CONTRACTOR TO COORDINATE WITH OWNER FOR SIGN TYPE AND LOCATION.
- K. ALL CHIMNEYS AND ASSOCIATED ELEMENTS ARE TO REMAIN, U.N.O. PROVIDE BRICK REPAIRS AS REQUIRED AND CAP IF NOT ALREADY CAPPED. VERIFY STRUCTURAL INTEGRITY.

#### MASONRY REPAIR KEY

EXISTING MASONRY AREA TO BE TUCKPOINTED - FOR BIDDING REFERENCE ONLY. SCOPE OF WORK MAY NOT BE LIMITED TO HATCHED AREAS.



EXISTING MASONRY AREA TO BE REPLACED - FOR BIDDING REFERENCE ONLY. SCOPE OF WORK MAY NOT LIMITED TO HATCHED AREAS.

> ASSUME 10% TUCKPOINTING FOR ALL ELEVATIONS IN ADDITION TO SPECIFIED HATCHED AREAS.

### NEW WORK ELEVATION KEYNOTES

- 1. EXISTING STONE OR CONCRETE STAIR/LANDING TO REMAIN. REPAIR AS REQUIRED.
- 2. REPAIR EXISTING STONE RETAINING WALL.
- 3. REPAIR EXISTING CONCRETE RETAINING WALL.
- 4. EXISTING METAL SECURITY GATE. REMOVE RUST, CLEAN, PAINT AND INSTALL NEW HARDWARE. REFER TO DOOR SCHEDULE.
- 10. PROVIDE NEW USPS APPROVED SURFACE MOUNTED MAILBOXES. MOUNT AT 48" A.F.F. MAXIMUM WITH 4" PROJECTION FROM FACE OF WALL.
- 11. SECURE, CLEAN AND REPAIR EXISTING GUARDS/HANDRAILS. PREP TO RECEIVE NEW FINISH.
- 12. EXISTING FIRE ESCAPE TO REMAIN. REPOINT ALL ATTACHMENTS AND REPAIR ALL DEFICIENCIES. REMOVE RUST AND PROVIDE NEW RUST INHIBITIVE PAINT. G.C. IS RESPONSIBLE FOR FIRE ESCAPE EXAMINATION AND INSPECTION PER CITY OF CINCINNATI - REPAIR WORK TO BE UNDER SEPARATE PERMIT.
- 13. REPAIR EXISTING EXTERIOR STEEL STAIR. PAINT WITH RUST INHIBITIVE PAINT. SEE STRUCTURAL DRAWINGS.
- 14. PROVIDE NEW CAST STONE LINTEL OR SILL TO MATCH EXISTING STONE ELEMENTS. WHERE EXISTING STONE ELEMENTS ARE PAINTED, PAINT NEW STONE ELEMENTS TO MATCH EXISTING. REFER TO STRUCTURAL DRAWINGS.
- 15. PROVIDE NEW GALVANIZED AND PAINTED EXTERIOR 1-1/2" DIAMETER METAL HANDRAIL MOUNTED AT 34" ABOVE TREAD NOSE. WHERE CONDITIONS ALLOW, EXTEND MINIMUM 12" HORIZONTALLY AT TOP TREAD AND EXTEND MINIMUM (1) TREAD DEPTH HORIZONTALLY AT BOTTOM RISER. RETURN HANDRAIL TO WALL WHERE EXISTING CONDITIONS ALLOW, OTHERWISE RETURN TO FLOOR. PROVIDE GUARDS WHERE NOT MOUNTED TO EXTERIOR WALL. PROVIDE SHOP DRAWINGS.
- 16. PROVIDE NEW PREFINISHED ALUMINUM DOWNSPOUT TO REPLACE EXISTING. COLOR T.B.D. BY ARCHITECT.
- 17. CONNECT NEW DOWNSPOUT TO EXISTING CAST IRON DOWNSPOUT BOOT. REMOVE RUST. PAINT.
- 18. PROVIDE NEW PVC DOWNSPOUT BOOT. CONNECT TO NEW DOWNSPOUT AND PAINT
- 19. EXISTING PARGED MASONRY TO REMAIN. REMOVE LOOSE MATERIAL, REPAIR CRACKS, PATCH, AND CLEAN.
- 20. PROVIDE NEW INDIVIDUAL METAL ADDRESS NUMBERS ON EXTERIOR OF BUILDING. 21. PROVIDE NEW SMOOTH PARGED SURFACE AND PAINT.
- 22. WINDOW SASH LOCATED WITHIN 3'-0" OF AN EXHAUST VENT TO BE PERMANENTLY FIXED IN PLACE.
- 23. REPAIR EXISTING LIMESTONE. REFER TO STRUCTURAL DRAWINGS.
- 24. REPAIR EXISTING STONE. REFER TO STRUCTURAL DRAWINGS.
- 25. PROVIDE "STAR" ANCHOR PLATE FOR ADDITIONAL STRUCTURAL SUPPORT. PAINT TO MATCH WALL COLOR. REFER TO STRUCTURAL DRAWINGS.
- 26. INSTALL AND PAINT NEW FIBER CEMENT BOARD AND TRIM. INSTALL PER MANUFACTURER'S SPECIFICATIONS AND DETAILS.
- 27. PROVIDE NEW PREFINISHED EXTERIOR FIBER CEMENT BOARD SIDING WITH 6" EXPOSURE. INSTALL PER MANUFACTURER'S SPECIFICATIONS AND DETAILS.

28. RELOCATED STREET ADDRESS PLAQUE. PATCH AND REPAIR LINTEL IN ORIGINAL

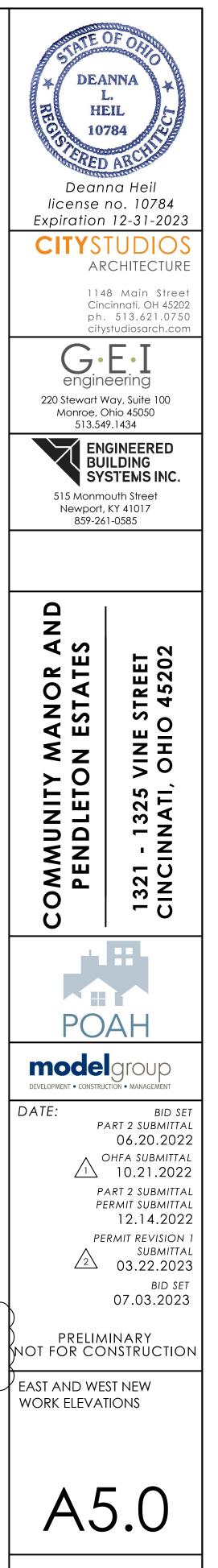
- LOCATION. 30. LOCATION OF NEW AC CONDENSING UNIT. REFER TO MECHANICAL DRAWINGS.
- 31. PROVIDE NEW PLASTIC EXHAUST VENT COVER(S).
- 32. PROVIDE NEW EXTERIOR LIGHT FIXTURE IN EXISTING LOCATION, MAX. 4" PROJECTION FROM FACE OF WALL OR MOUNT AT 80" A.F.F. MIN. REFER TO ELECTRICAL DRAWINGS.
- 33. PROVIDE NEW INTERCOM SYSTEM WITH CONTROLS AT 48" ABOVE GRADE, TO BE DETERMINED AND COORDINATED BY CONTRACTOR/OWNER. REFER TO ELECTRICAL DRAWINGS.
- 34. PROVIDE NEW EXTERIOR LIGHT FIXTURE, MAX. 4" PROJECTION FROM FACE OF WALL OR MOUNT AT 80" A.F.F. MIN. REFER TO ELECTRICAL DRAWINGS.
- 40. NEW ROOFING. REFER TO ROOF PLAN.
- 41. PROVIDE NEW RAKE BOARD WRAPPED IN PRE-FINISHED ALUMINUM BREAK METAL. COLOR T.B.D. BY ARCHITECT. PROVIDE PRE-FINISHED ALUMINUM DRIP EDGE.
- 42. PROVIDE NEW K-STYLE 6" PREFINISHED ALUMINUM GUTTER TO REPLACE EXISTING. PROVIDE NEW 1x WOOD GUTTER BOARD WRAPPED IN PRE-FINISHED ALUMINUM BREAK METAL. COLOR T.B.D. BY ARCHITECT. PROVIDE PRE-FINISHED ALUMINUM DRIP EDGE.
- 43. EXISTING WOOD BOX GUTTER TO REMAIN. REPAIR AS REQUIRED AND PAINT. PROVIDE NEW FORMED METAL GUTTER LINER. REFER TO DIAGRAM DETAIL.
- 44. EXISTING DECORATIVE CORNICE TO REMAIN. REPAIR DAMAGED OR DETERIORATED ELEMENTS. REPLACE ANY MISSING ELEMENTS TO MATCH EXISTING AS REQUIRED AND PAINT. PROVIDE NEW BOX GUTTER LINER. PROVIDE NEW METAL COPING WHERE THERE IS NO BOX GUTTER AND AT THE TOP OF WOOD ELEMENTS. COLOR T.B.D. BY ARCHITECT.
- 45. EXISTING MASONRY CHIMNEY TO REMAIN. REPAIR MASONRY AS REQUIRED.
- 46. PROVIDE NEW GUARDRAIL AT NEW MECHANICAL UNIT. SEE ROOF PLANS FOR LOCATION AND ADDITIONAL INFORMATION.
- 47. PROVIDE NEW RESIDENTIAL CONDENSING UNIT ON ROOF. PROVIDE ROOF STRUCTURE REINFORCEMENT AS NOTED ON STRUCTURAL DRAWINGS. REFER TO MECHANICAL DRAWINGS AND STRUCTURAL DRAWINGS.
- 48. EXISTING 1ST FLOOR COMMERCIAL SPACE MECHANICAL EQUIPMENT TO REMAIN IN EXISTING LOCATION. VERIFY LOCATION.

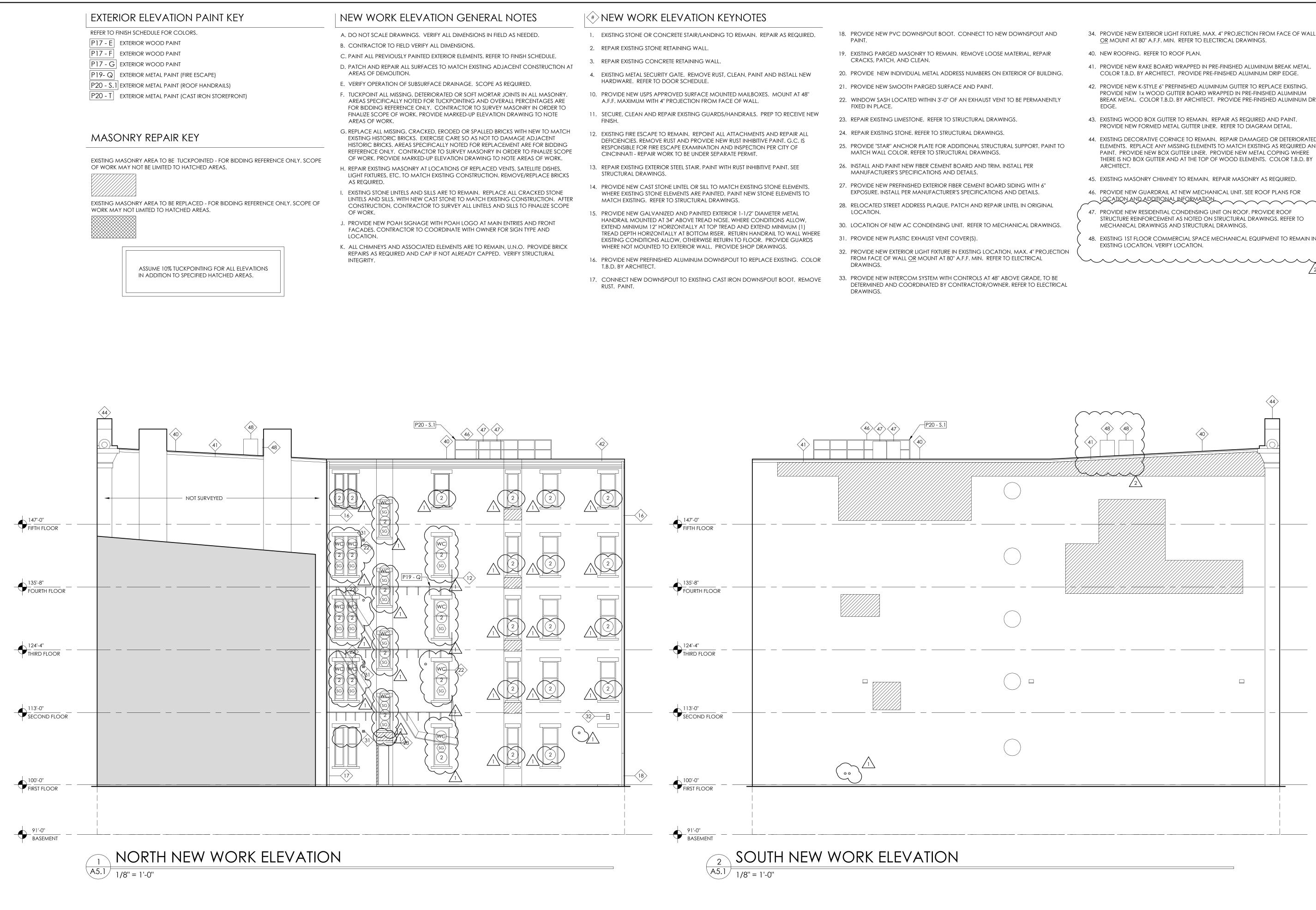
EXTERIOR ELEVATION PAINT KEY

REFER TO FINISH SCHEDULE FOR COLORS. P17 - E EXTERIOR WOOD PAINT P17 - F EXTERIOR WOOD PAINT P17 - G EXTERIOR WOOD PAINT P19- Q EXTERIOR METAL PAINT (FIRE ESCAPE)



P20 - T EXTERIOR METAL PAINT (CAST IRON STOREFRONT)

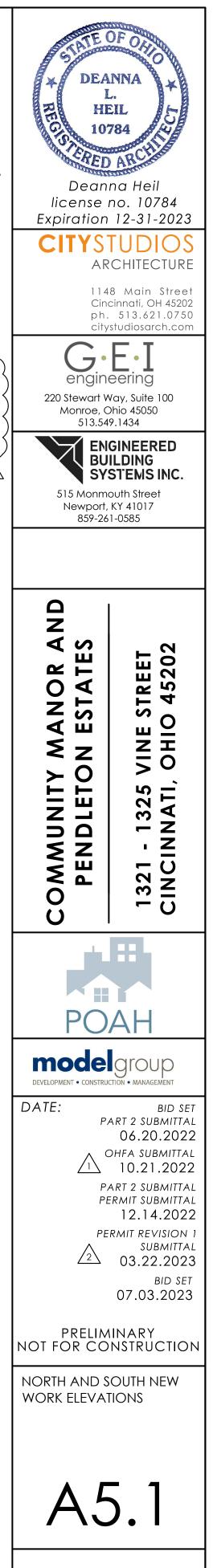


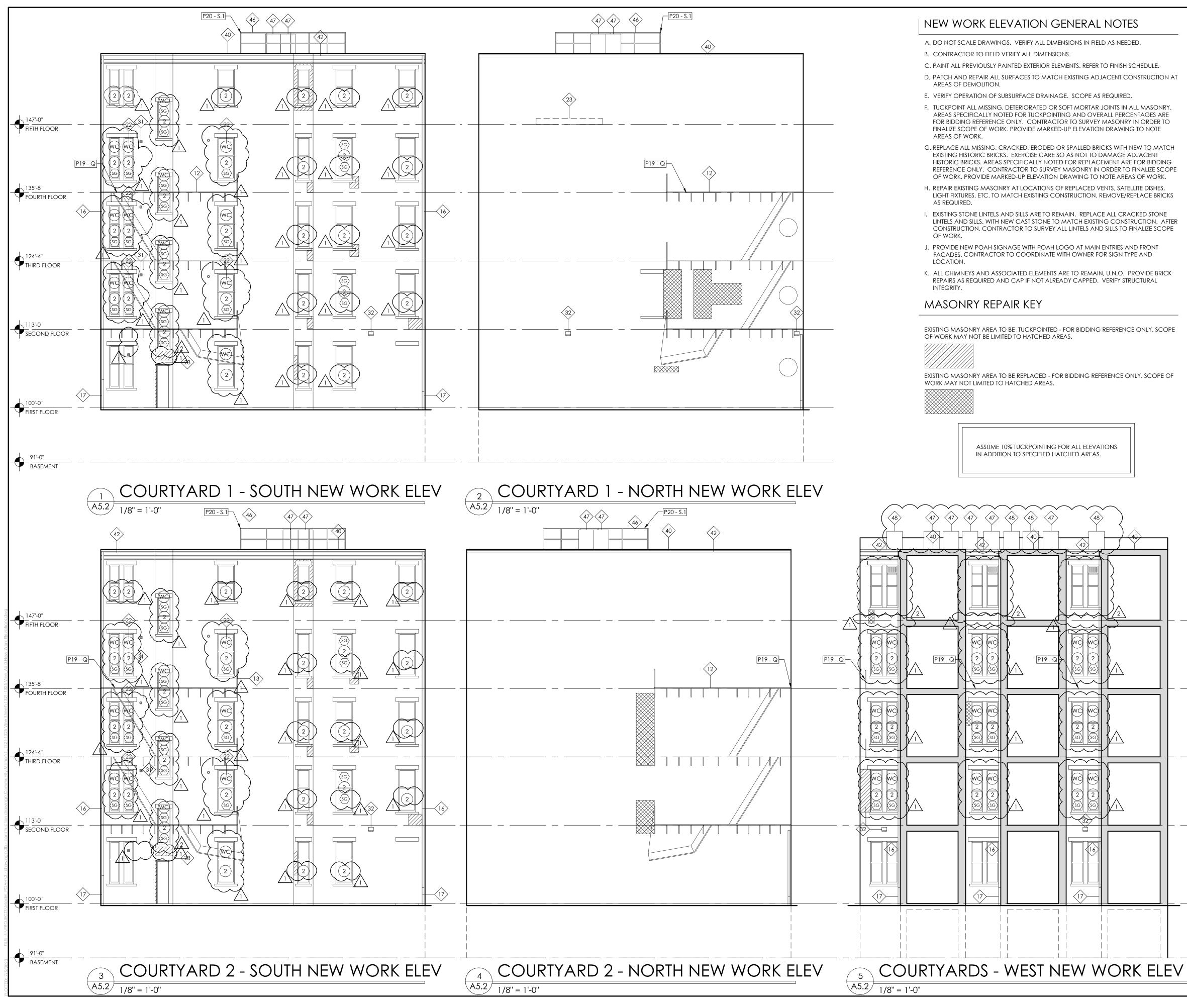


- 34. PROVIDE NEW EXTERIOR LIGHT FIXTURE, MAX. 4" PROJECTION FROM FACE OF WALL

- BREAK METAL. COLOR T.B.D. BY ARCHITECT. PROVIDE PRE-FINISHED ALUMINUM DRIP
- 44. EXISTING DECORATIVE CORNICE TO REMAIN. REPAIR DAMAGED OR DETERIORATED ELEMENTS. REPLACE ANY MISSING ELEMENTS TO MATCH EXISTING AS REQUIRED AND PAINT. PROVIDE NEW BOX GUTTER LINER. PROVIDE NEW METAL COPING WHERE THERE IS NO BOX GUTTER AND AT THE TOP OF WOOD ELEMENTS. COLOR T.B.D. BY

- 48. EXISTING 1ST FLOOR COMMERCIAL SPACE MECHANICAL EQUIPMENT TO REMAIN IN





- REFERENCE ONLY. CONTRACTOR TO SURVEY MASONRY IN ORDER TO FINALIZE SCOPE
- LINTELS AND SILLS. WITH NEW CAST STONE TO MATCH EXISTING CONSTRUCTION. AFTER

### **NEW WORK ELEVATION KEYNOTES**

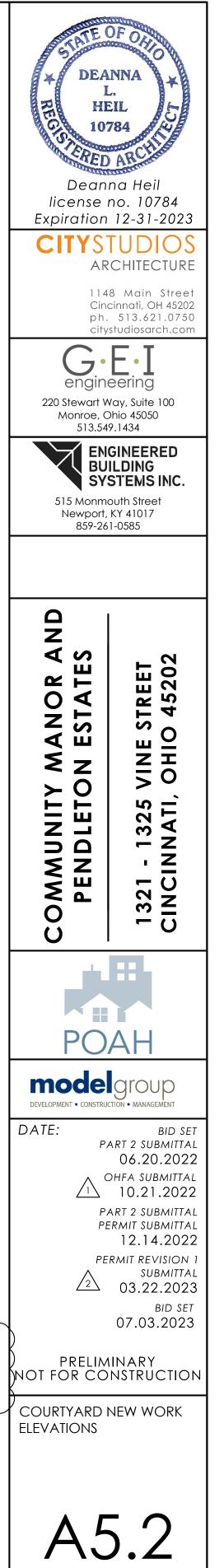
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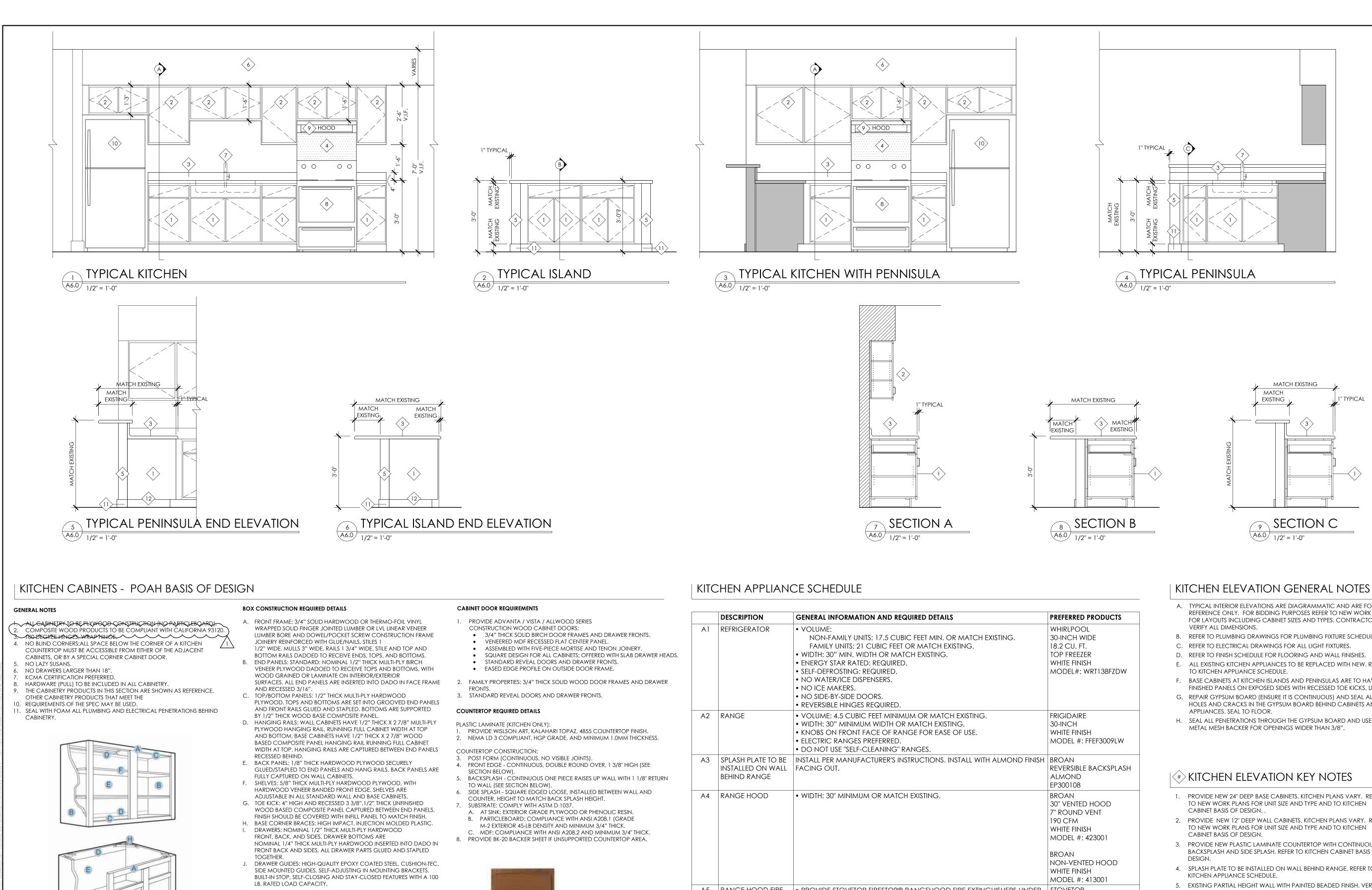
### EXTERIOR ELEVATION PAINT KEY

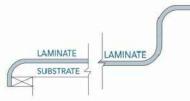
REFER TO FINISH SCHEDULE FOR COLORS P17 - E EXTERIOR WOOD PAINT P17 - F EXTERIOR WOOD PAINT P17 - G EXTERIOR WOOD PAINT

P19-Q	EXTERIOR METAL PAINT (FIRE ESCAPE)
P20 - S.1	EXTERIOR METAL PAINT (ROOF HANDRAILS)

P20 - T EXTERIOR METAL PAINT (CAST IRON STOREFRONT)



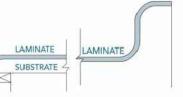






COUNTERTOP FINISH: WILSONART, KALAHARI TOPAZ #4588

CABINET DOOR: ADVANTA / CABINET PULLS: AMEROCK VISTA / ALLWOOD SERIES



COUNTERTOP SECTION DETAIL (NOT TO SCALE)

BOX CONSTRUCTION DIAGRAM (NOT TO SCALE)

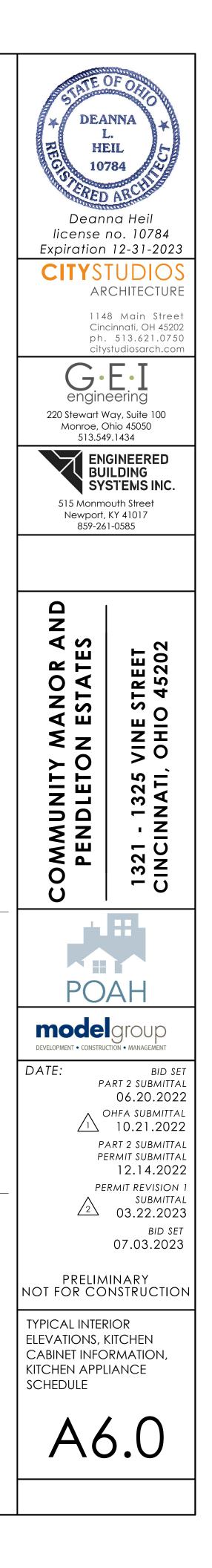
		DESCRIPTION	GENERAL INFORMATION AND REQUIRED DETAILS	PREFERRED PRODUCTS
r Fronts. Dinery. Lab drawer heads. Es and drawer	Al	REFRIGERATOR	<ul> <li>VOLUME: NON-FAMILY UNITS: 17.5 CUBIC FEET MIN. OR MATCH EXISTING. FAMILY UNITS: 21 CUBIC FEET OR MATCH EXISTING.</li> <li>WIDTH: 30" MIN. WIDTH OR MATCH EXISTING.</li> <li>ENERGY STAR RATED: REQUIRED.</li> <li>SELF-DEFROSTING: REQUIRED.</li> <li>NO WATER/ICE DISPENSERS.</li> <li>NO ICE MAKERS.</li> <li>NO SIDE-BY-SIDE DOORS.</li> <li>REVERSIBLE HINGES REQUIRED.</li> </ul>	WHIRLPOOL 30-INCH WIDE 18.2 CU. FT. TOP FREEZER WHITE FINISH MODEL#: WRT138FZDW
dp finish. M Thickness.	A2	RANGE	<ul> <li>VOLUME: 4.5 CUBIC FEET MINIMUM OR MATCH EXISTING.</li> <li>WIDTH: 30" MINIMUM WIDTH OR MATCH EXISTING.</li> <li>KNOBS ON FRONT FACE OF RANGE FOR EASE OF USE.</li> <li>ELECTRIC RANGES PREFERRED.</li> <li>DO NOT USE "SELF-CLEANING" RANGES.</li> </ul>	FRIGIDAIRE 30-INCH WHITE FINISH MODEL #: FFEF3009LW
High (See Th 1 1/8" Return	A3	SPLASH PLATE TO BE INSTALLED ON WALL BEHIND RANGE	INSTALL PER MANUFACTURER'S INSTRUCTIONS. INSTALL WITH ALMOND FINISH FACING OUT.	BROAN REVERSIBLE BACKSPLASH ALMOND EP300108
WALL AND SIN. ADE 3/4" THICK. DP AREA.	A4	RANGE HOOD	• WIDTH: 30" MINIMUM OR MATCH EXISTING.	BROAN 30" VENTED HOOD 7" ROUND VENT 190 CFM WHITE FINISH MODEL #: 423001 BROAN NON-VENTED HOOD WHITE FINISH MODEL #: 413001
	A5	RANGE HOOD FIRE EXTINGUISHERS (MANDATORY)	<ul> <li>PROVIDE STOVETOP FIRESTOP® RANGEHOOD FIRE EXTINGUISHERS UNDER EACH RANGE HOOD.</li> <li>EXTINGUISHERS MUST FIT WITHIN THE DEPTH OF RANGEHOOD WITHOUT BEING NOTICEABLY VISIBLE.</li> </ul>	STOVETOP FIRESTOP RANGEHOOD HEIGHT: 3.5" DIAMETER: 3.4" MODEL#: 675-3



ALLISON CURVED 96MM PULL SATIN NICKEL, BP53003G10

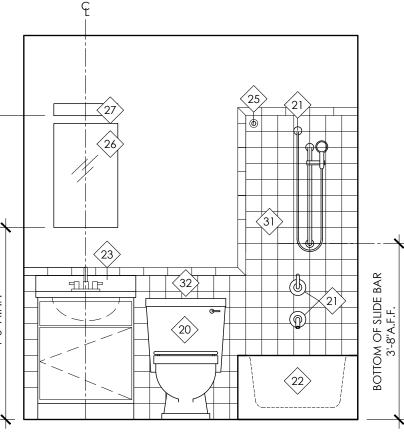
- A. TYPICAL INTERIOR ELEVATIONS ARE DIAGRAMMATIC AND ARE FOR REFERENCE ONLY. FOR BIDDING PURPOSES REFER TO NEW WORK PLANS FOR LAYOUTS INCLUDING CABINET SIZES AND TYPES. CONTRACTOR TO
- B. REFER TO PLUMBING DRAWINGS FOR PLUMBING FIXTURE SCHEDULE.
- E. ALL EXISTING KITCHEN APPLIANCES TO BE REPLACED WITH NEW. REFER
- F. BASE CABINETS AT KITCHEN ISLANDS AND PENINSULAS ARE TO HAVE FINISHED PANELS ON EXPOSED SIDES WITH RECESSED TOE KICKS, U.N.O. G. REPAIR GYPSUM BOARD (ENSURE IT IS CONTINUOUS) AND SEAL ALL HOLES AND CRACKS IN THE GYPSUM BOARD BEHIND CABINETS AND
- H. SEAL ALL PENETRATIONS THROUGH THE GYPSUM BOARD AND USE A

- 1. PROVIDE NEW 24" DEEP BASE CABINETS. KITCHEN PLANS VARY. REFER TO NEW WORK PLANS FOR UNIT SIZE AND TYPE AND TO KITCHEN
- 2. PROVIDE NEW 12" DEEP WALL CABINETS. KITCHEN PLANS VARY. REFER TO NEW WORK PLANS FOR UNIT SIZE AND TYPE AND TO KITCHEN
- 3. PROVIDE NEW PLASTIC LAMINATE COUNTERTOP WITH CONTINUOUS BACKSPLASH AND SIDE SPLASH. REFER TO KITCHEN CABINET BASIS OF
- 4. SPLASH PLATE TO BE INSTALLED ON WALL BEHIND RANGE. REFER TO
- 5. EXISTING PARTIAL HEIGHT WALL WITH PAINTED BEADED FINISH. VERIFY REQUIRED CABINET HEIGHT FOR NEW CABINET INSTALLATION. REFER TO FINISH SCHEDULE.
- 6. PAINT EXISTING GYPSUM BOARD SOFFIT. REFER TO FINISH SCHEDULE. 7. PROVIDE NEW KITCHEN SINK AND FAUCET. REFER TO PLUMBING DRAWINGS.
- 8. PROVIDE NEW ELECTRIC RANGE. REFER TO APPLIANCE SCHEDULE. 9. PROVIDE NEW RECIRCULATING HOOD OVER RANGE WTIH MANDATORY FIRE EXTINGUISHER BELOW HOOD. REFER TO APPLIANCE SCHEDULE.
- 10. PROVIDE NEW REFRIGERATOR. REFER TO APPLIANCE SCHEDULE.
- 11. PAINT WOOD BASE TO MATCH EXISTING IN UNIT.
- 12. RECESSED TOE KICK AT END OF EXPOSED CABINET.

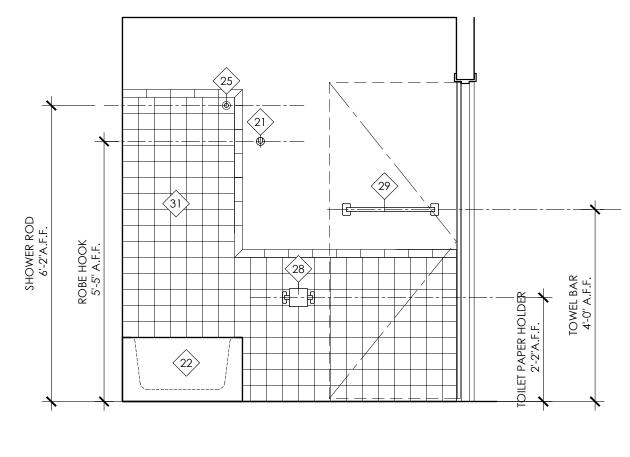


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BOTTOM OF VANITY LIGHT 6'-4" A.F.F. BOTTOM OF MEDICINE CABINET



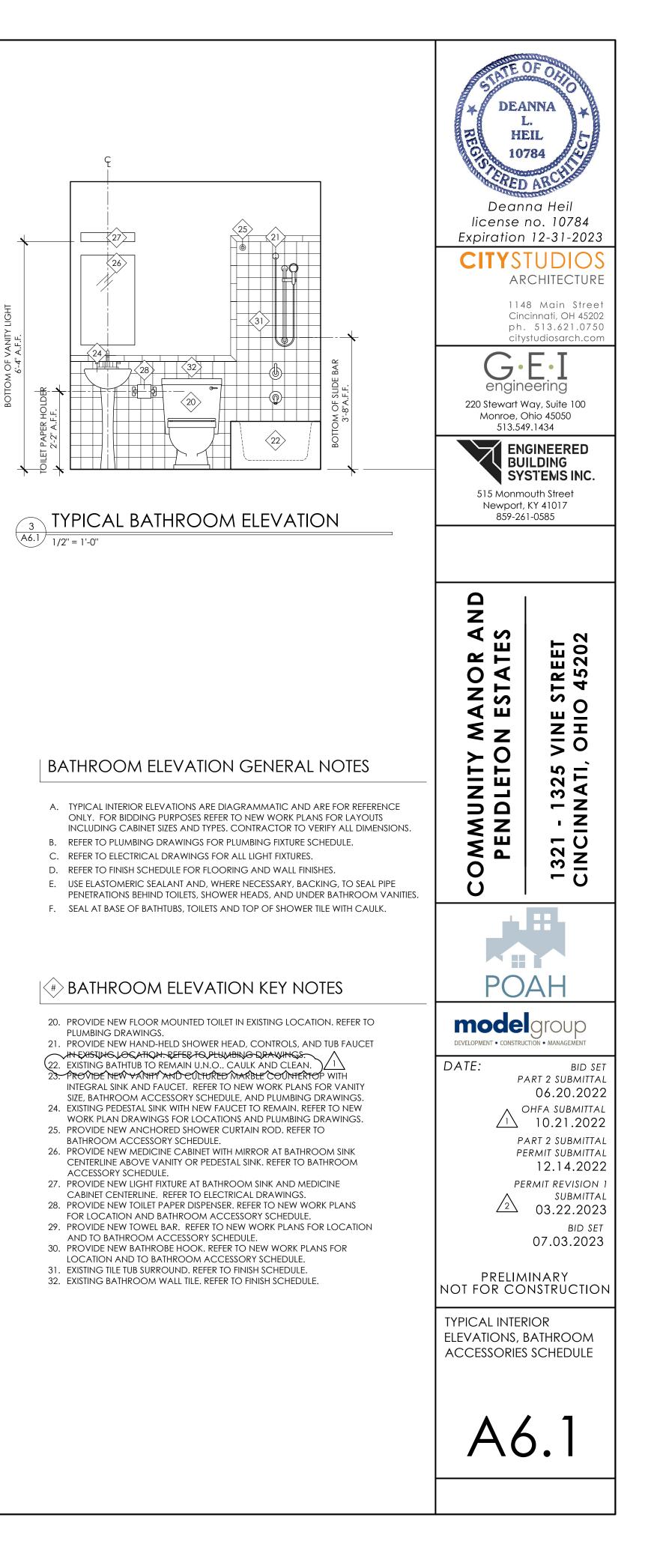


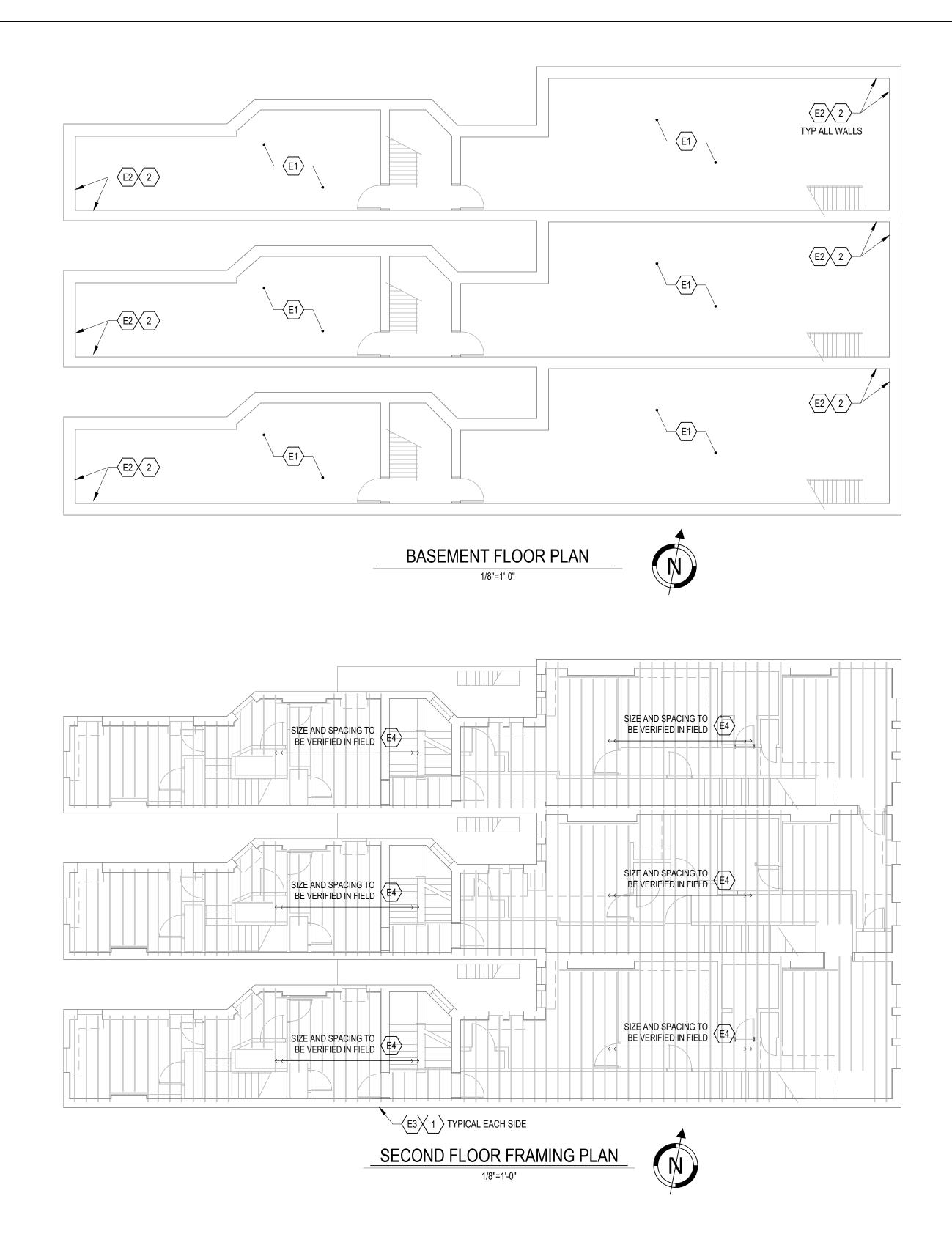


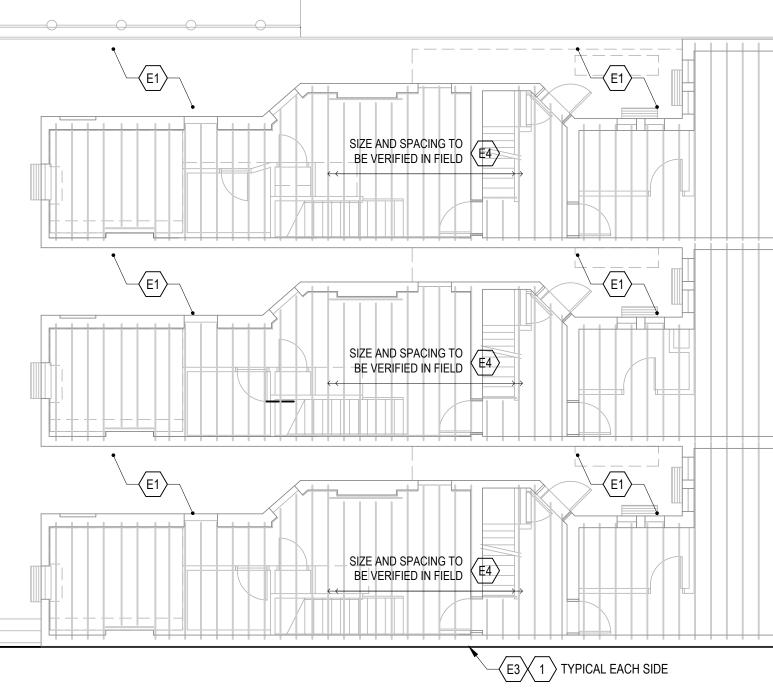
### 2 A6.1 TYPICAL BATHROOM ELEVATION

### BATHROOM ACCESSORIES SCHEDULE

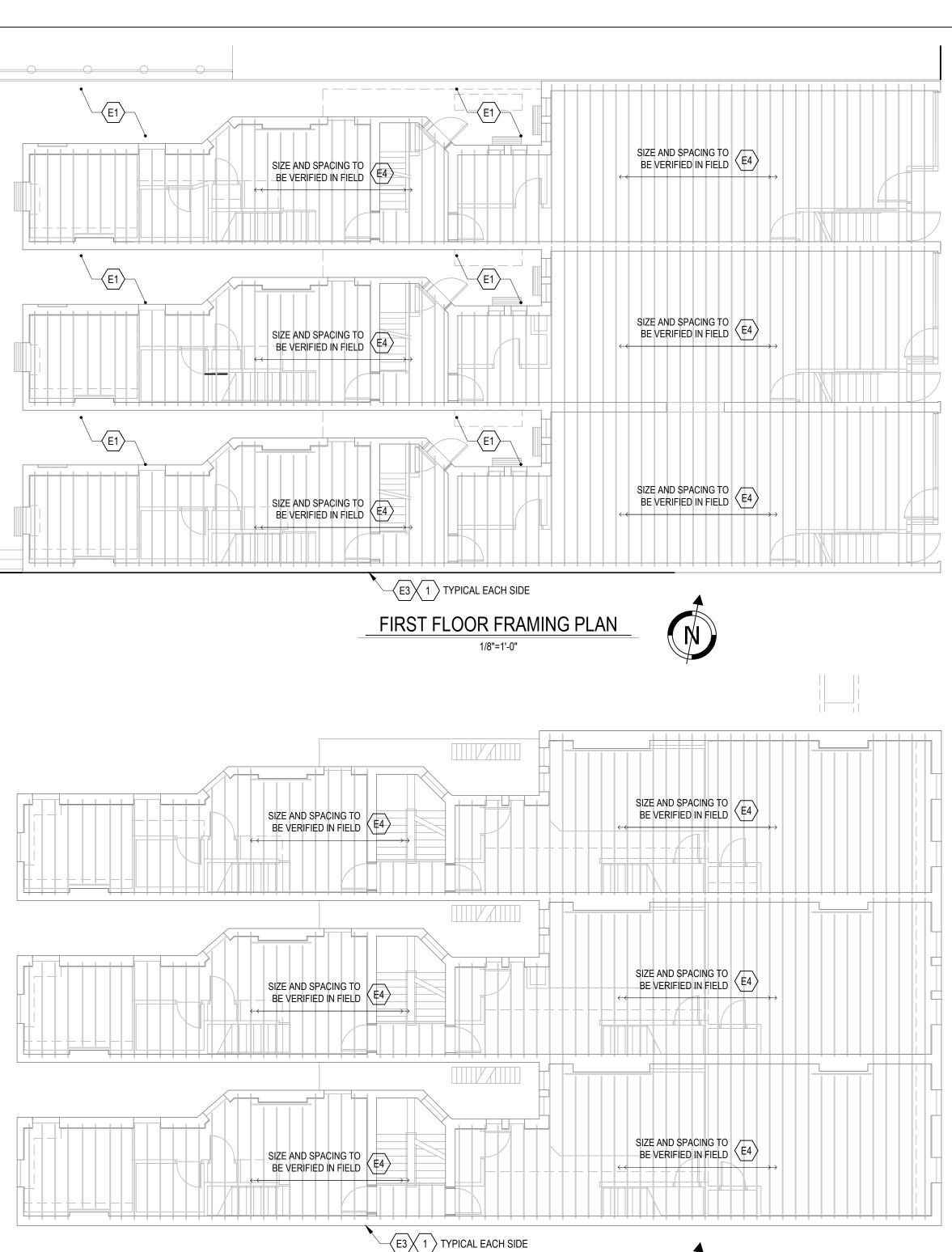
	DESCRIPTION	NOTES	PRODUCT INFORMATION /
			BASIS OF DESIGN
B1	BATHROOM VANITY (18''W x 32''H x 16''D) AND INTEGRAL SINK	REPLACE EXISTING PEDESTAL SINK WITH NEW VANITY AND INTEGRAL SINK AS NOTED ON NEW WORK PLAN DRAWINGS. CONTRACTOR TO VERIFY VANITY DIMENISIONS AND SINK CENTERLINE IN FIELD. INSTALL VANITY FLUSH TO PERPENDICULAR WALL TO AVOID GAP INBETWEEN VANITY AND PERPENDICULAR WALL WHERE POSSIBLE. CONTRACTOR ALSO TO VERIFY THAT VANITY DOES NOT BLOCK AN EXISTING HVAC VENT. REFER TO PLUMBING DRAWINGS.	SUPPLIER: HD SUPPLY Seasons® 18"W x 32"H x 16"D WHITE VANITY WITH TOP MODEL NUMBER: 283580
B2	BATHROOM VANITY (24"W x 32"H x 18"D) AND INTEGRAL SINK	REPLACE EXISTING PEDESTAL SINK WITH NEW VANITY AND INTEGRAL SINK AS NOTED ON NEW WORK PLAN DRAWINGS. CONTRACTOR TO VERIFY VANITY DIMENISIONS AND SINK CENTERLINE IN FIELD. INSTALL VANITY FLUSH TO PERPENDICULAR WALL TO AVOID GAP INBETWEEN VANITY AND PERPENDICULAR WALL WHERE POSSIBLE. CONTRACTOR ALSO TO VERIFY THAT VANITY DOES NOT BLOCK AN EXISTING HVAC VENT. REFER TO PLUMBING DRAWINGS.	SUPPLIER: HD SUPPLY Seasons® 24"W x 32"H x 18"D WHITE VANITY WITH TOP MODEL NUMBER: 283581
Β3	BATHROOM VANITY (36''W x 32''H x 21''D)AND INTEGRAL SINK	REPLACE EXISTING PEDESTAL SINK WITH NEW VANITY AND INTEGRAL SINK AS NOTED ON NEW WORK PLAN DRAWINGS. CONTRACTOR TO VERIFY VANITY DIMENISIONS AND SINK CENTERLINE IN FIELD. INSTALL VANITY FLUSH TO PERPENDICULAR WALL TO AVOID GAP INBETWEEN VANITY AND PERPENDICULAR WALL WHERE POSSIBLE. CONTRACTOR ALSO TO VERIFY THAT VANITY DOES NOT BLOCK AN EXISTING HVAC VENT. REFER TO PLUMBING DRAWINGS.	SUPPLIER: HD SUPPLY RSI HOME PRODUCTS 36''W x 32''H x 21''D WHITE VANITY WITH TOP MODEL NUMBER: 412173
B4	SURFACE MOUNTED MEDICINE CABINET	REPLACE EXISTING MEDICINE CABINET WITH NEW. PATCH AND REPAIR DAMAGED GYPSUM BOARD AS REQUIRED. INSTALL PER MANUFACTURER'S INSTRUCTIONS. INSTALL ON WOOD STUD OR ADD BLOCKING.	HD SUPPLY. 16W X 26'H SURFACE MOUNT MIRROR MEDICINE CABINET STEEL BODY, METAL SHELVES, MODEL NUMBER: 404469
Β5	TOILET TISSUE HOLDERS	REPLACE EXISTING TOILET TISSUE HOLDER WITH NEW. PATCH DAMAGED TILE. INSTALL NEW TOILET TISSUE HOLDER AS INDICATED ON NEW WORK PLAN DRAWINGS ON WOOD STUD OR ADD BLOCKING.	FRANKLIN BRASS. STAINLESS STEEL TOILET PAPER HOLDER CONCEALED MOUNT.
B6	TOWEL BAR 18"	PROVIDE NEW TOWEL BAR AS NOTED ON NEW WORK PLAN DRAWINGS. PATCH EXISTING DAMAGED TILE OR GYPSUM BOARD AS REQUIRED. INSTALL NEW TOWEL BAR PER MANUFACTURER'S INSTRUCTIONS. INSTALL ON WOOD STUD OR ADD BLOCKING.	MODEL NUMBER: 819400 FRANKLIN BRASS - FUTURA 3/4 X 18" CHROME TOWEL BAR SET. MODEL NUMBER: 818725
B7	TOWEL BAR 24"	PROVIDE NEW TOWEL BAR AS NOTED ON NEW WORK PLAN DRAWINGS. PATCH EXISTING DAMAGED TILE OR GYPSUM BOARD AS REQUIRED. INSTALL NEW TOWEL BAR PER MANUFACTURER'S INSTRUCTIONS. INSTALL ON WOOD STUD OR ADD BLOCKING.	FRANKLIN BRASS - FUTURA 3/4 X 24" CHROME TOWEL BAR SET. MODEL NUMBER: 818740
B8	SHOWER CURTAIN ROD	REPLACE EXISTING SHOWER CURTAIN ROD WITH NEW. CONTRACTOR TO VERIFY DIMENSIONS IN FIELD AND PROVIDE CORRECT SHOWER ROD LENGTH. PATCH AND REPAIR DAMAGED WALL TILE OR GYPSUM BOARD AS REQUIRED. INSTALL SHOWER ROD PER MANUFACTURER'S INSTRUCTIONS. INSTALL ON WOOD STUD OR ADD BLOCKING.	HD SUPPLY. 60" CHROME SHOWER ROD SET. MODEL NUMBER: 822450
B9	ROBE HOOK	PROVIDE NEW ROBE HOOK AS NOTED ON NEW WORK PLANS. INSTALL PER MANUFACTURER'S INSTRUCTIONS. INSTALL ON WOOD STUD OR USE APPROPRIATE ANCHORS TO SUPPORT WEIGHT. WALL.	SYMMONS, DIA CHROME ROBE HOOK MODEL NUMBER: 459079





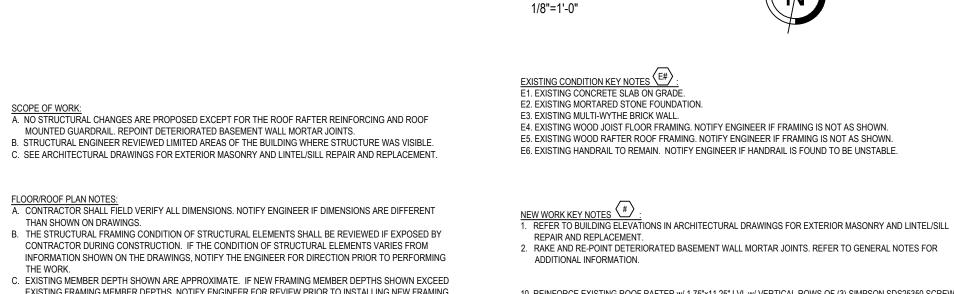






# THIRD FLOOR FRAMING PLAN

FOR ADDITIONAL INFORMATION.



- EXISTING FRAMING MEMBER DEPTHS, NOTIFY ENGINEER FOR REVIEW PRIOR TO INSTALLING NEW FRAMING. D. CONTRACTOR SHALL DISPOSE OF ALL CONSTRUCTION DEBRIS PER THE APPLICABLE REGULATION AND GOVERNING AUTHORITIES.
- E. THE LOCATION OF DOORS, WINDOWS, AND FLOOR OPENINGS ARE APPROXIMATE. COORDINATE WITH ARCHITECTURAL DRAWINGS.

THE WORK.

F. SEE SHEET S2.0 FOR TYPICAL DETAILS, SCHEDULES, AND GENERAL NOTES. G. ALL MISC OPENINGS FOR MEP PENETRATIONS ARE NOT SHOWN. COORDINATE AS REQUIRED. H. REFER TO SHEET S2.0 FOR ALLOWABLE SIZE AND LOCATION OF OPENINGS IN JOISTS.



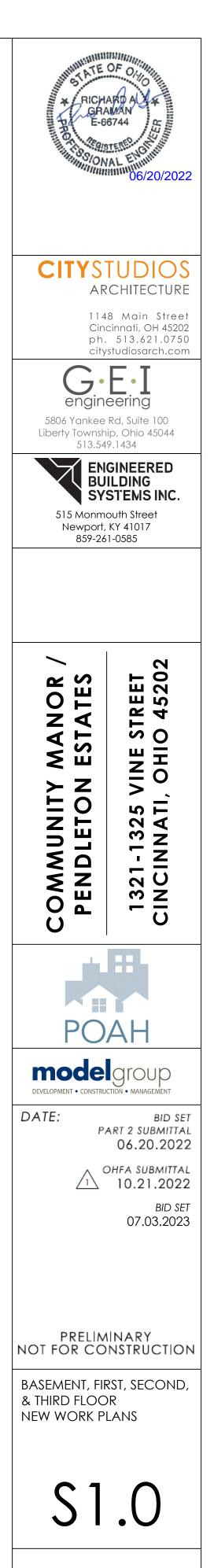
2. RAKE AND RE-POINT DETERIORATED BASEMENT WALL MORTAR JOINTS. REFER TO GENERAL NOTES FOR

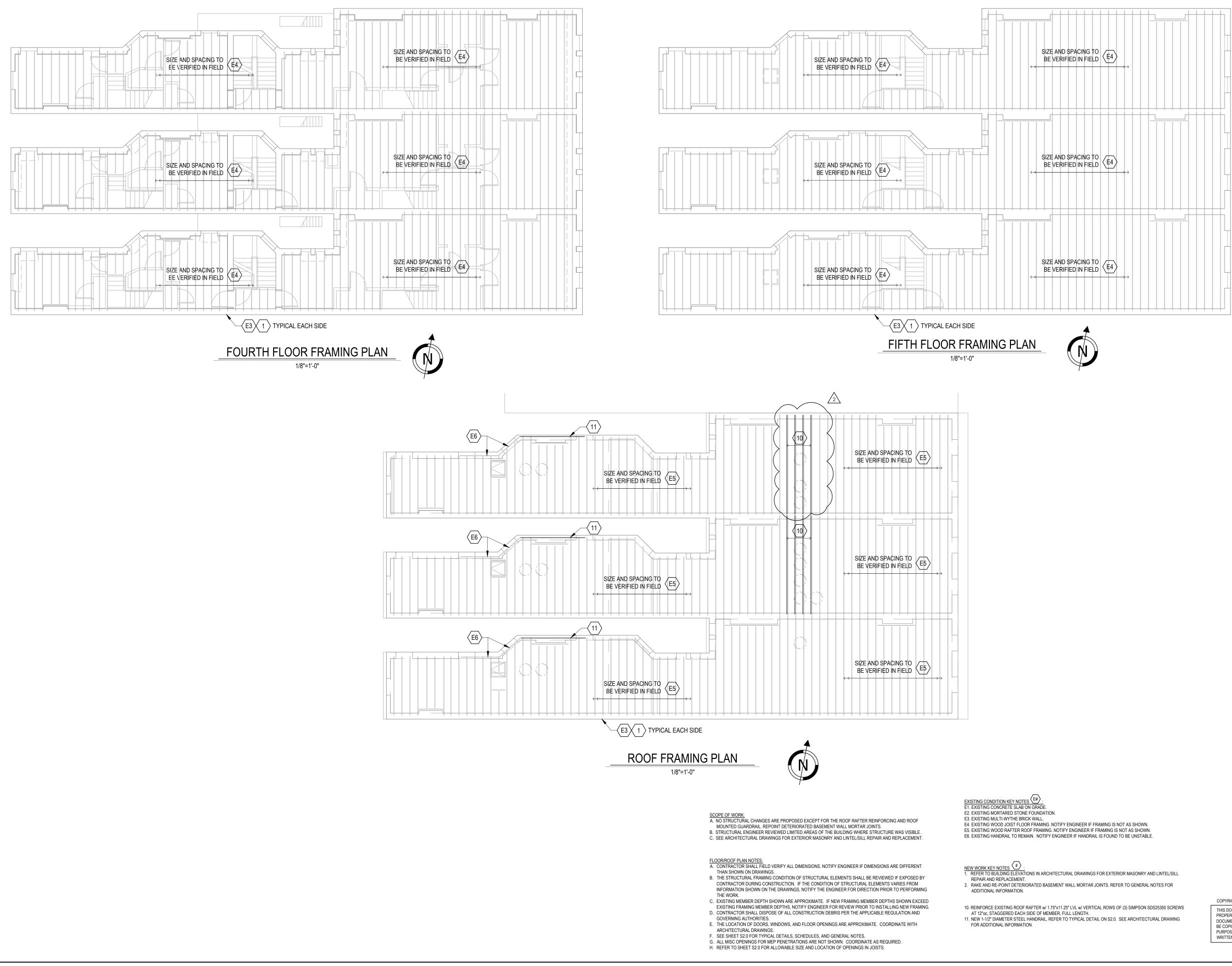
10. REINFORCE EXISTING ROOF RAFTER w/ 1.75"x11.25" LVL w/ VERTICAL ROWS OF (3) SIMPSON SDS25350 SCREWS AT 12"oc, STAGGERED EACH SIDE OF MEMBER, FULL LENGTH. 11. NEW 1-1/2" DIAMETER STEEL HANDRAIL, REFER TO TYPICAL DETAIL ON S2.0. SEE ARCHITECTURAL DRAWING

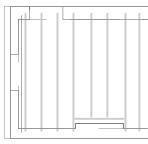
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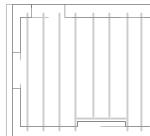
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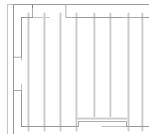
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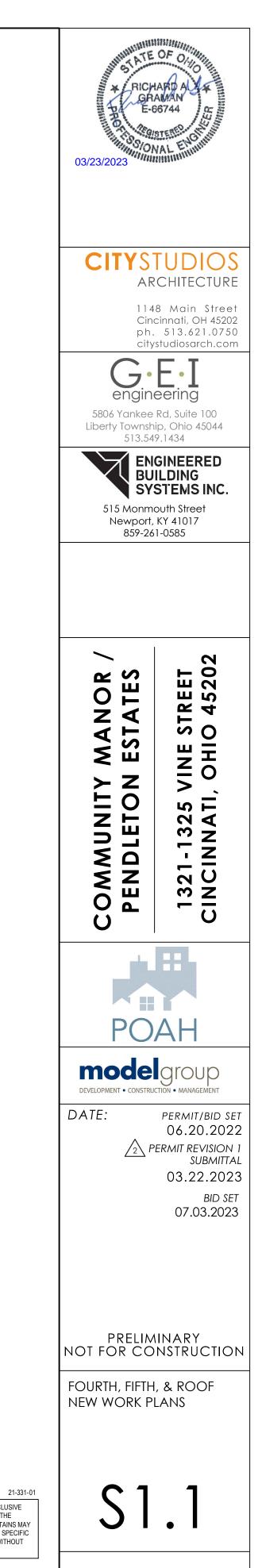


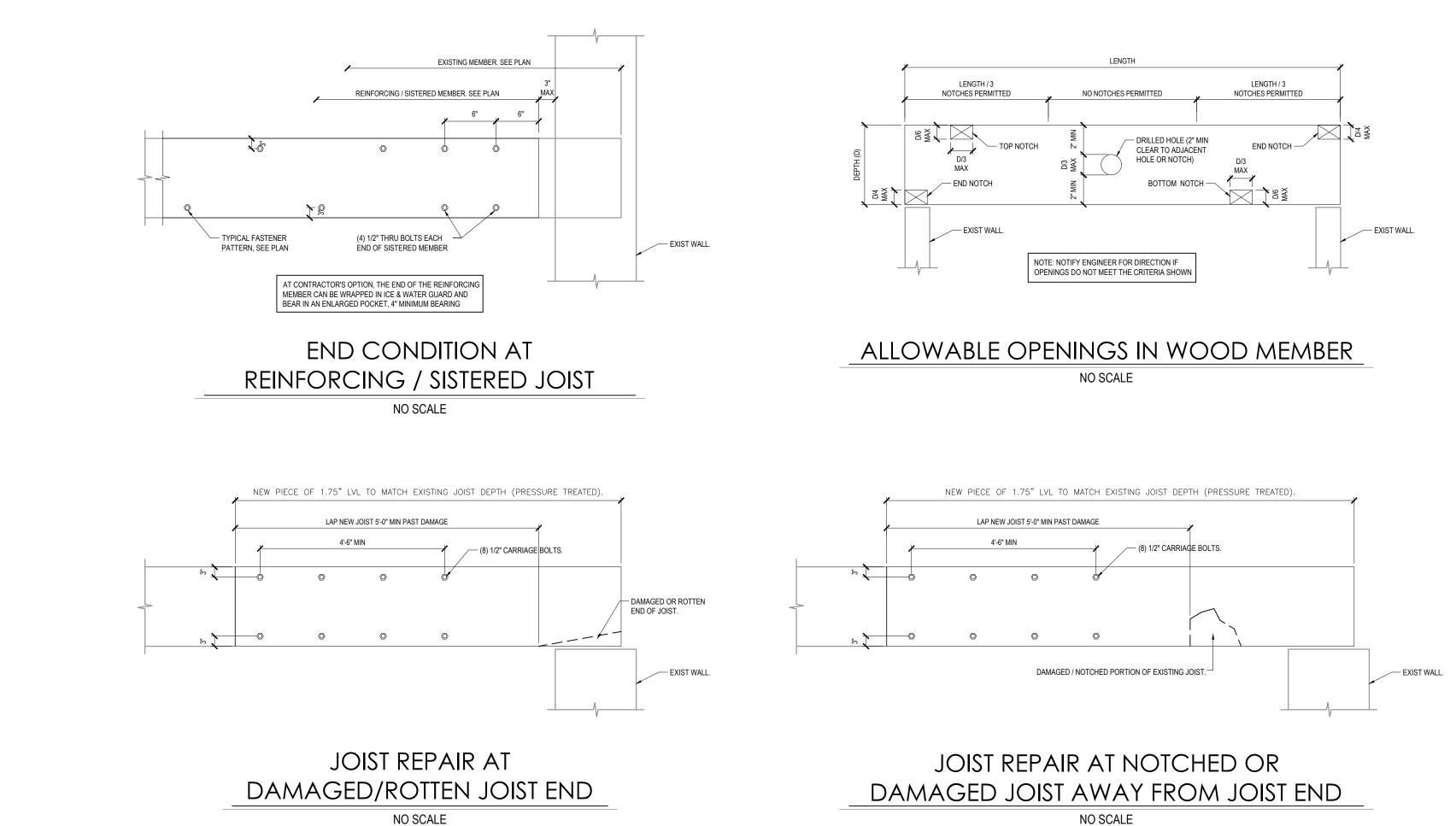




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### GENERAL STRUCTURAL NOTES

<u>GENERAL</u>

- A. CONTRACTOR IS RESPONSIBLE FOR MEAN AND METHODS OF CONSTRUCTION. THESE DRAWINGS SHOW THE FINAL INSTALLED WORK ONLY, AND DO NOT ADDRESS THE SEQUENCE OR TECHNIQUES TO PERFORM THE WORK.
- B. CONTRACTOR IS RESPONSIBLE FOR CONDITIONS ON THE JOB SITE INCLUDING BUT NOT LIMITED TO JOB SITE SAFETY FOR THE ENTIRE DURATION OF THE PROJECT.
- C. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS SHOULD ANY DISCREPANCY BE FOUND, CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER IMMEDIATELY OF THE CONDITION. D. CONTRACTOR SHALL BRACE ENTIRE STRUCTURE AS REQUIRED TO
- MAINTAIN STABILITY UNTIL COMPLETE AND FUNCTIONING AS THE DESIGNED UNIT.
- E. IF ANY CONDITION IS FOUND IN THE FIELD THAT IS NOT ADDRESSED ON THESE CONSTRUCTION DOCUMENTS, NOTIFY THE ENGINEERING FOR DIRECTION.

#### DESIGN LOADS

- A. GOVERNING CODE IS THE 2017 OHIO BUILDING CODE B. PER CLIENT'S REQUEST, THE FOUNDATION DESIGN AND GENERAL FOUNDATION NOTES ARE BASED ON THE ASSUMPTION OF FAVORABLE SOIL CONDITIONS. IF FOUNDATION WORK IS REQUIRED, THE CONTRACTOR SHALL RETAIN A GEOTECHNICAL ENGINEER TO VERIFY DESIGN ASSUMPTIONS PRIOR TO FOUNDATION INSTALLATION. THE COST FOR THE GEOTECHNICAL ENGINEER SHALL BE LISTED AS A SEPARATE ITEM ON THE CONTRACTOR'S BID. THE CONTRACTOR SHALL SUBMIT COPIES OF THE GEOTECHNICAL ENGINEER'S REPORT TO GEI ENGINEERING. ALL FOOTINGS SHALL BEAR ON LEVEL (WITHIN 1 IN 12) UNDISTURBED SOIL OR APPROVED ENGINEERED FILL. FOUNDATIONS HAVE BEEN DESIGNED FOR A MAXIMUM SOIL BEARING PRESSURE OF 1,500 PSF.
- C. RESIDENTIAL FLOOR LOAD: LIVE LOAD = 40 PSF, DEAD LOAD = 10 PSF.
- D. ROOF LOAD: LIVE LOAD = 20 PSF (MIN), DEAD LOAD = 20 PSF. E. ROOFTOP MEP UNITS: MINI-SPLIT = 150# (MAX), CONDENSER = 300# (MAX) F. HANDRAIL TOP RAIL LIVE LOAD: 200# POINT LOAD IN ANY DIRECTION OR 50
- PLF IN ANY DIRECTION. G. SNOW LOAD: GROUND SNOW LOAD ), Pg = 20 PSF, SNOW LOAD, Pf = 20 PSF, SNOW IMPORTANCE FACTOR = 1.0, EXPOSURE FACTOR, Cs = 1.0, THERMAL FACTOR, Ct = 1.0, DRIFTED SNOW LOAD PER ASCE 7
- H. WIND LOAD: BASIC WIND SPEED = V ult = 115 MPH, WIND IMPORTANCE FACTOR = 1.0, WIND EXPOSURE B, INTERNAL PRESSURE COEFFICIENT = +/-0.18, COMPONENTS AND CLADDING: 19 PSF WALLS, -15 PSF ROOF
- I. DEFLECTION OF STRUCTURAL MEMBERS OF SPAN, L, SHALL NOT EXCEED LIMITS PERMITTED BY TABLE 1604.3

#### <u>CONCRETE</u>

- A. CONCRETE WORK SHALL COMPLY WITH ACI 351, LATEST EDITION.
- B. CONCRETE MIX DESIGN SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW FOR EACH TYPE OF CONCRETE. SUBMITTAL SHALL INCLUDE QUANTITY OF EACH MATERIAL USED AND CONCRETE STRENGTH DATA BASED ON FIELD TESTING OR THREE POINT CURVE CALCULATIONS. C. INTERIOR CONCRETE: fc = 3500 PSI, NORMAL WEIGHT AGGREGATE,
- MAXIMUM W/C RATIO = 0.50. D. EXTERIOR CONCRETE: fc = 4000 PSI, ENTRAINED AIR 6.0% +/- 1.5%, NORMAL
- WEIGHT AGGREGATE, MAXIMUM W/C RATIO = 0.45. E. REINFORCING STEEL: DEFORMED BARS, 60 KSI YIELD, AND MEET ASTM
- A615, A996, OR ASTM A706, WELDED WIRE FABRIC F. WATER REDUCING ADMIXTURE: MEET ASTM C494
- G. WATER OR MOISTURE BARRIER: REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT, PLACE BARRIER ON TOP OF GRANULAR SUBBASE
- H. COORDINATE CONTROL JOINT LOCATIONS WITH FLOOR FINISHES

#### WOOD

- A. 2x HEADER MEMBERS: SOUTHERN PINE KILN DRIED, NO. 2 GRADE OR BFTTFR
- B. 2x WALL FRAMING MEMBERS: SOUTHERN PINE KILN DRIED, STUD GRADE OR BETTER
- C. ALL WOOD MEMBERS IN CONTACT WITH CONCRETE OR MASONRY BELOW GRADE SHALL BE PRESSURE TREATED NO 2 GRADE OR BETTER SOUTHERN PINE TO APPROPRIATE AWPA RATING FOR MEMBER USE.
- D. ROOF SHEATHING: 19/32" APA RATED EXP. 1, SPAN RATING 40/20 ATTACHED WITH PANEL CLIPS MIDSPAN BETWEEN TRUSSES WITH 10d NAILS AT 6"OC ALONG PANEL EDGES AND 12" OC ALONG INTERIOR SUPPORTS, UNO ON DRAWINGS.
- E. WALL SHEATHING: 7/16" APA RATED EXP. 1, SPAN RATING 24/16 WITH 10d NAILS AT 6"OC ALONG PANEL EDGES AND 12" OC ALONG INTERIOR SUPPORTS, UNO ON DRAWINGS.
- F. FLOOR SHEATHING: 23/32" APA SPAN RATING 48/24 TONGUE & GROOVE SUBFLOOR EXPOSURE 1.

- G. CONNECTIONS SHALL BE PER THE BUILDING CODE TABLE 2354.9.1
- "FASTENING SCHEDULE AS A MINIMUM. H. CONNECTION HARDWARE SHALL BE MANUFACTURED BY SIMPSON STRONG TIE COMPANY AND SHALL BE INSTALLED AS SHOWN IN THE
- MANUFACTURER'S INSTALLATION MANUAL. I. HARDWARE AND FASTENERS IN CONTACT WITH TREATED WOOD SHALL BE
- G185 (Z-MAX) OR BETTER. J. BUILT UP HEADERS AND BEAMS SHALL HAVE ROWS OF 10d NAILS AT 12"OC STAGGERED SIDES WITH ROWS SPACED AT 5"OC MAX. IF MEMBER IS SIDE LOADED, THRU BOLT AT 12"OC STAGGERED TOP AND BOTTOM. K. SEE PLAN FOR SHEAR WALL LOCATIONS, NAILING PATTERNS, AND HOLD
- DOWN ANCHOR SIZE AND LOCATION. L. SILL PLATES FOR PLATFORMS SHALL BE ATTACHED TO CONCRETE SLAB WITH POWDER DRIVEN FASTENERS (PAF), SIMPSON MODEL PDP OR EQUAL, MINIMUM 0.145" SHANK WITH 1" MINIMUM EMBEDMENT INTO CONCRETE.

#### MASONRY

- A. MASONRY WORK SHALL COMPLY WITH THE REQUIREMENTS IN ACI 535.1
- "SPECIFICATION FOR MASONRY CONSTRUCTION", LATEST EDITION B. DETERIORATED OR DISTRESSED BRICK SHALL BE REPLACED WITH OLD OR SALVAGED BRICK. NO NEW BRICK SHALL BE USED. SEE ARCHITECTURAL DRAWINGS FOR KNOWN AREAS OF BRICK TO BE REPAIRED. REVIEW DISTRESSED AREAS OF BRICK NOT SHOWN ON WITH CLIENT PRIOR TO PERFORMING REPAIRS.
- C. DETERIORATED OR DISTRESSED MORTAR SHALL BE REPLACED. AT LOCATIONS WHERE MORTAR IS RECESSED MORE THAN 1" FROM INSIDE FACE OF STONE FOUNDATION AND MORE THAN 1/2" FROM THE FACE OF BRICK WALLS, REMOVE DETERIORATED MORTAR WITH STIFF BRISTLE BRUSH BACK TO SOUND MORTAR. TUCKPOINT OPENING BETWEEN MASONRY WITH NEW MORTAR.
- D. INFILL EXISTING OPENINGS WITH SOLIDLY GROUTED CONCRETE MASONRY UNIT WITH REBAR DOWELS EPOXIED INTO THE EXISTING WALL, SEE TYPICAL DETAIL.
- E. ALL MORTAR SHALL BE TYPE 0 TO PREVENT DAMAGE TO OLD AND SALVAGED BRICK.

#### STRUCTURAL STEEL

- A. STEEL WORK SHALL COMPLY WITH LATEST EDITION OF THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES AND THE SPECIFICATIONS FOR DESIGN, FABRICATIONS, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS
- B. WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1, LATEST EDITION, USING AWS E70XX LOW HYDROGEN ELECTRODES
- C. ANGLE AND PLATE MATERIAL SHALL COMPLY WITH ASTM A36 D. W-SHAPE MATERIAL SHALL COMPLY WITH ASTM A992, Fy=50 KSI
- E. HSS MEMBERS SHALL COMPLY WITH ASTM A500, GRADE B, Fy=42 KSI F. STEEL WITH EXTERIOR EXPOSURE SHALL BE HOT DIPPED GALVANIZED. ALL OTHER STEEL SHALL HAVE ONE COAT OF SHOP PRIMER.

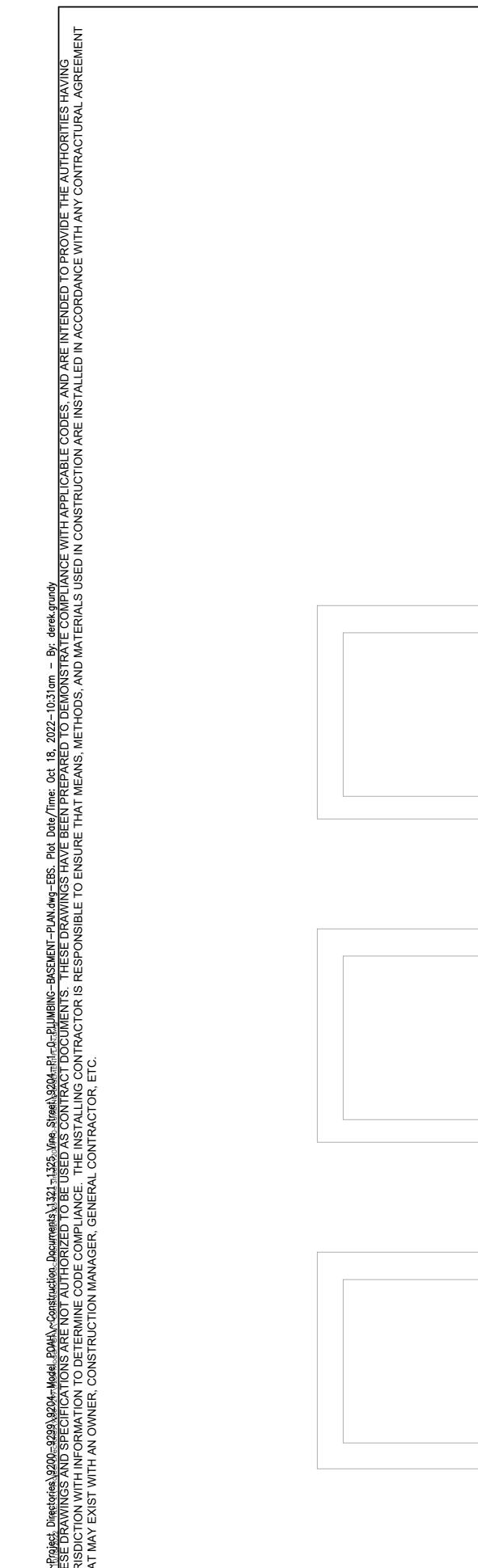
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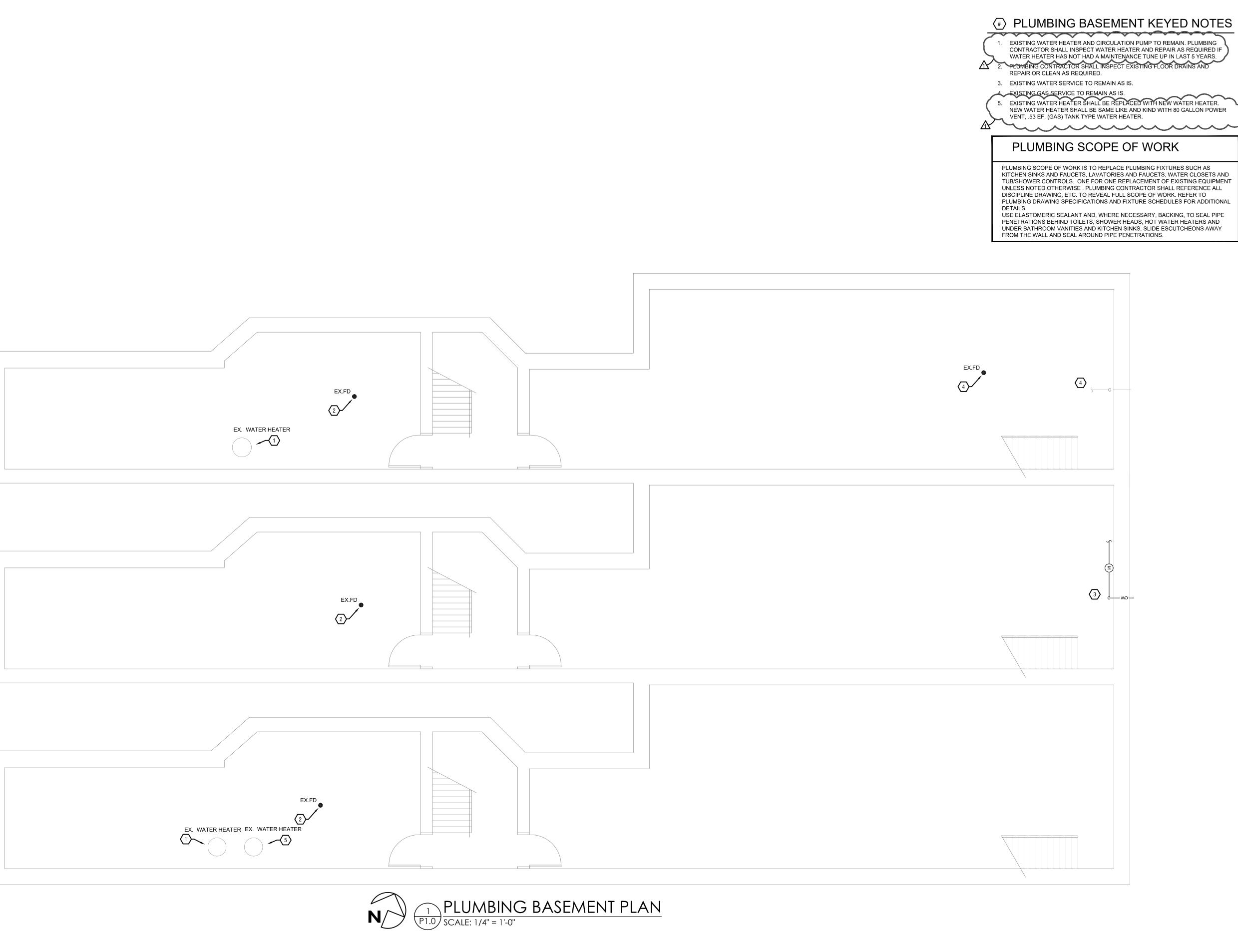
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21-331-01

G. BOLTS SHALL MEET ASTM A325









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engine 220 Stewart W Monroe, O 513.549 EN BU SY TEAMWORK	ray, Suite 100 bhio 45050 2.1434 PR-09204 <b>GINEERED</b> <b>ILDING</b> <b>STEMS INC.</b> COLLABORATION				
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### PLUMBING FIRST FLOOR PLAN SCALE: 1/4" = 1'-0"

### (#) PLUMBING FIRST FLOOR KEYED NOTES

- REMOVE EXISTING KITCHEN SINK AND REPLACE WITH KITCHEN SINK IN SAME LOCATION. REWORK EXISTING SANITARY AND SUPPLY PIPING AS REQUIRED TO ACCOMMODATE NEW SINK. PROVIDE NEW P-TRAP, 1/4 TURN STOPS AND SUPPLY LINES.
- REMOVE EXISTING LAVATORY AND REPLACE WITH NEW LAVATORY IN SAME LOCATION. REWORK EXISTING SANITARY AND SUPPLY PIPING AS REQUIRED TO ACCOMMODATE NEW LAVATORY. PROVIDE NEW P-TRAP, 1/4 TURN STOPS AND SUPPLY LINES.
- 3. REMOVE EXISTING WATER CLOSET AND REPLACE WITH NEW WATER CLOSET IN SAME LOCATION. REWORK EXISTING SUPPLY PIPING AS REQUIRED TO ACCOMMODATE NEW WATER CLOSET. PROVIDE NEW 1/4 TURN STOP AND SUPPLY LINE.
- REMOVE EXISTING TUB AND SHOWER CONTROLS FOR BATH TUB AND REPLACE WITH NEW TUB AND SHOWER CONTROLS. REWORK EXISTING SUPPLY PIPING AS REQUIRED. PATCH AND REPLACE DAMAGED SURROUND AS REQUIRED.
- 5. PLUMBING CONTRACTOR SHALL INSPECT EXISTING FLOOR DRAINS AND REPAIR OR CLEAN AS REQUIRED.

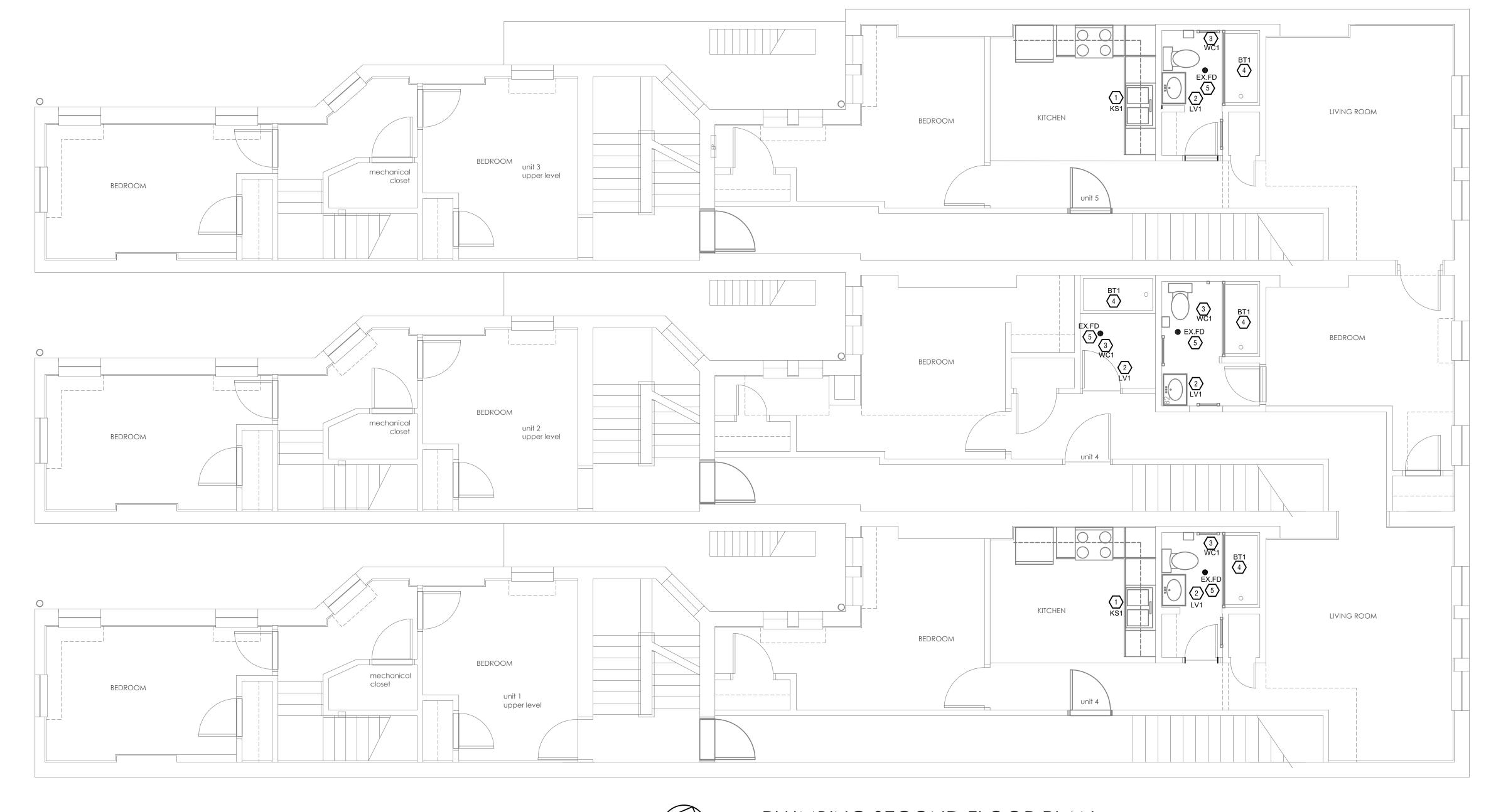
### PLUMBING SCOPE OF WORK

PLUMBING SCOPE OF WORK IS TO REPLACE PLUMBING FIXTURES SUCH AS KITCHEN SINKS AND FAUCETS, LAVATORIES AND FAUCETS, WATER CLOSETS AND TUB/SHOWER CONTROLS. ONE FOR ONE REPLACEMENT OF EXISTING EQUIPMENT UNLESS NOTED OTHERWISE. PLUMBING CONTRACTOR SHALL REFERENCE ALL DISCIPLINE DRAWING, ETC. TO REVEAL FULL SCOPE OF WORK. REFER TO PLUMBING DRAWING SPECIFICATIONS AND FIXTURE SCHEDULES FOR ADDITIONAL DETAILS.

USE ELASTOMERIC SEALANT AND, WHERE NECESSARY, BACKING, TO SEAL PIPE PENETRATIONS BEHIND TOILETS, SHOWER HEADS, HOT WATER HEATERS AND UNDER BATHROOM VANITIES AND KITCHEN SINKS. SLIDE ESCUTCHEONS AWAY FROM THE WALL AND SEAL AROUND PIPE PENETRATIONS.

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1148 Main Street Cincinnati, OH 45202 ph. 513.621.0750 citystudiosarch.com
Geeing engineering 220 Stewart Way, Suite 100 Monroe, Ohio 45050 513.549.1434
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### PLUMBING SECOND FLOOR KEYED NOTES

- 1. REMOVE EXISTING KITCHEN SINK AND REPLACE WITH KITCHEN SINK IN SAME LOCATION. REWORK EXISTING SANITARY AND SUPPLY PIPING AS REQUIRED TO ACCOMMODATE NEW SINK. PROVIDE NEW P-TRAP, 1/4 TURN STOPS AND SUPPLY LINES.
- 2. REMOVE EXISTING LAVATORY AND REPLACE WITH NEW LAVATORY IN SAME LOCATION. REWORK EXISTING SANITARY AND SUPPLY PIPING AS REQUIRED TO ACCOMMODATE NEW LAVATORY. PROVIDE NEW P-TRAP, 1/4 TURN STOPS AND SUPPLY LINES.
- REMOVE EXISTING WATER CLOSET AND REPLACE WITH NEW WATER CLOSET IN SAME LOCATION. REWORK EXISTING SUPPLY PIPING AS REQUIRED TO ACCOMMODATE NEW WATER CLOSET. PROVIDE NEW 1/4 TURN STOP AND SUPPLY LINE.
- REMOVE EXISTING TUB AND SHOWER CONTROLS FOR BATH TUB AND REPLACE WITH NEW TUB AND SHOWER CONTROLS. REWORK EXISTING SUPPLY PIPING AS REQUIRED. PATCH AND REPLACE DAMAGED SURROUND AS REQUIRED.
- 5. PLUMBING CONTRACTOR SHALL INSPECT EXISTING FLOOR DRAINS AND REPAIR OR CLEAN AS REQUIRED.

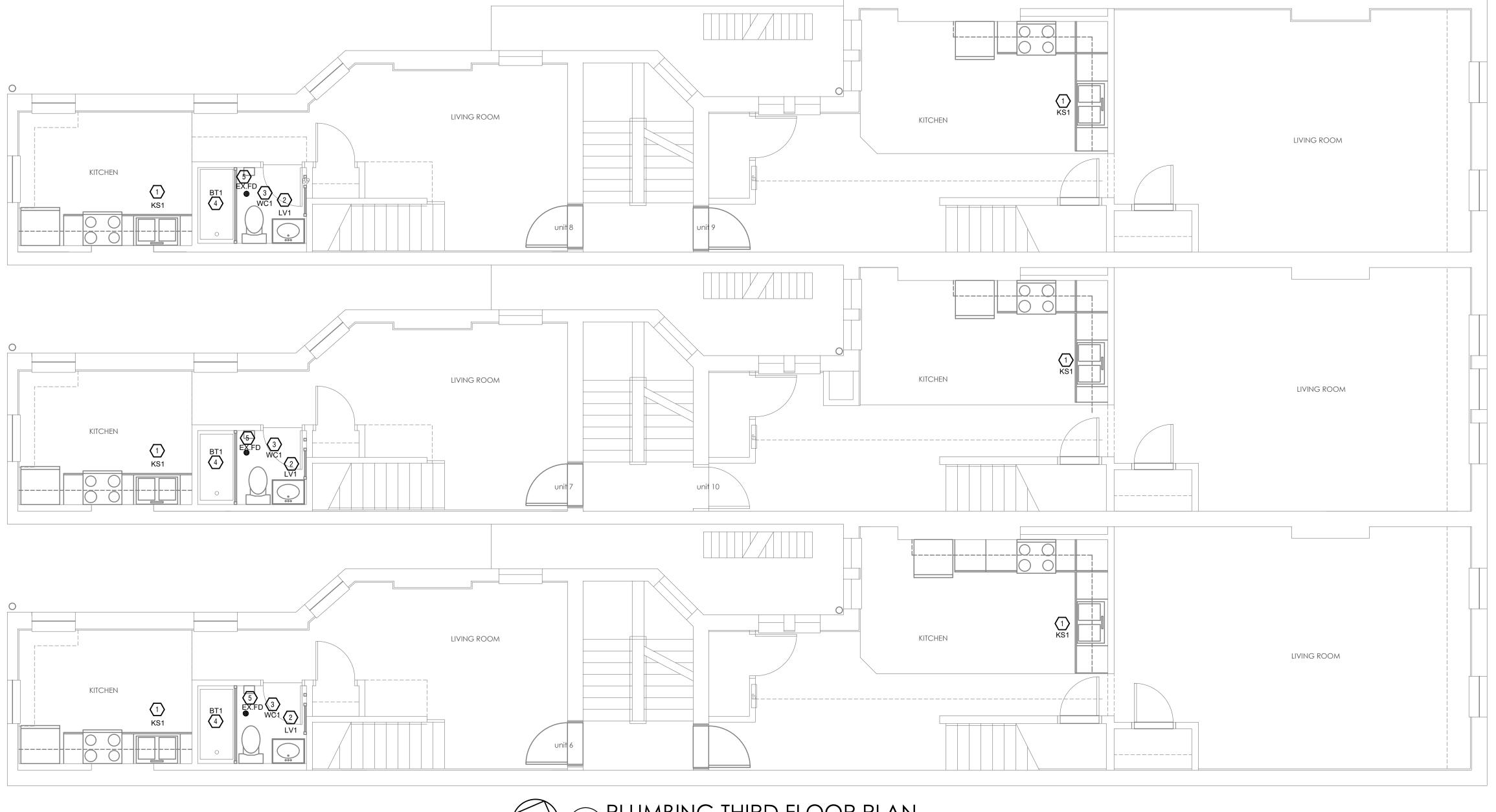
### PLUMBING SCOPE OF WORK

- PLUMBING SCOPE OF WORK IS TO REPLACE PLUMBING FIXTURES SUCH AS KITCHEN SINKS AND FAUCETS, LAVATORIES AND FAUCETS, WATER CLOSETS AND TUB/SHOWER CONTROLS. ONE FOR ONE REPLACEMENT OF EXISTING EQUIPMENT UNLESS NOTED OTHERWISE. PLUMBING CONTRACTOR SHALL REFERENCE ALL DISCIPLINE DRAWING, ETC. TO REVEAL FULL SCOPE OF WORK. REFER TO PLUMBING DRAWING SPECIFICATIONS AND FIXTURE SCHEDULES FOR ADDITIONAL DETAILS.
- USE ELASTOMERIC SEALANT AND, WHERE NECESSARY, BACKING, TO SEAL PIPE PENETRATIONS BEHIND TOILETS, SHOWER HEADS, HOT WATER HEATERS AND UNDER BATHROOM VANITIES AND KITCHEN SINKS. SLIDE ESCUTCHEONS AWAY FROM THE WALL AND SEAL AROUND PIPE PENETRATIONS.

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CITYSTUDIOS ARCHITECTURE 1148 Main Street Cincinnati, OH 45202 ph. 513.621.0750
citystudiosarch.com G-E-I engineering 220 Stewart Way, Suite 100 Monroe, Ohio 45050 513.549.1434
PR-09204 <b>ENGINE ERGENTED</b> <b>SINGLAD BORGENESS STATE</b> <b>STANDOWNER COLLABORATION</b> <b>SHARED SUCCESS</b> S15 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585 MEP Consulting Services, Inc. in OH Copyright © 2015 THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, INC. NEITHER THE DOCUMENT NOR THE INFORMATION IT CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARED WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.
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### PLUMBING THIRD FLOOR KEYED NOTES

- 1. REMOVE EXISTING KITCHEN SINK AND REPLACE WITH KITCHEN SINK IN SAME LOCATION. REWORK EXISTING SANITARY AND SUPPLY PIPING AS REQUIRED TO ACCOMMODATE NEW SINK. PROVIDE NEW P-TRAP, 1/4 TURN STOPS AND SUPPLY LINES.
- 2. REMOVE EXISTING LAVATORY AND REPLACE WITH NEW LAVATORY IN SAME LOCATION. REWORK EXISTING SANITARY AND SUPPLY PIPING AS REQUIRED TO ACCOMMODATE NEW LAVATORY. PROVIDE NEW P-TRAP, 1/4 TURN STOPS AND SUPPLY LINES.
- REMOVE EXISTING WATER CLOSET AND REPLACE WITH NEW WATER CLOSET IN SAME LOCATION. REWORK EXISTING SUPPLY PIPING AS REQUIRED TO ACCOMMODATE NEW WATER CLOSET. PROVIDE NEW 1/4 TURN STOP AND SUPPLY LINE.
- REMOVE EXISTING TUB AND SHOWER CONTROLS FOR BATH TUB AND REPLACE WITH NEW TUB AND SHOWER CONTROLS. REWORK EXISTING SUPPLY PIPING AS REQUIRED. PATCH AND REPLACE DAMAGED SURROUND AS REQUIRED.
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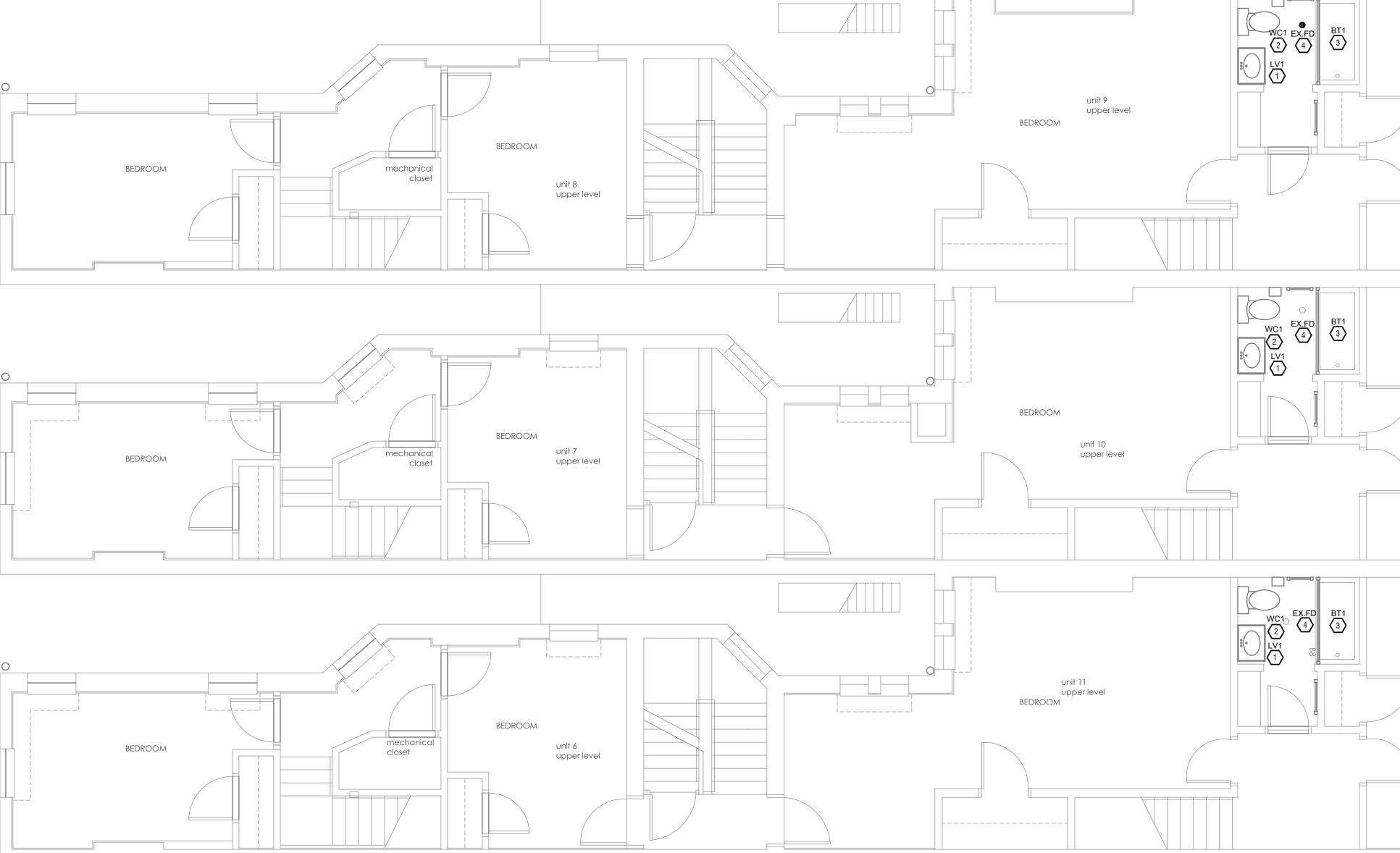
USE ELASTOMERIC SEALANT AND, WHERE NECESSARY, BACKING, TO SEAL PIPE PENETRATIONS BEHIND TOILETS, SHOWER HEADS, HOT WATER HEATERS AND UNDER BATHROOM VANITIES AND KITCHEN SINKS. SLIDE ESCUTCHEONS AWAY FROM THE WALL AND SEAL AROUND PIPE PENETRATIONS.



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# PLUMBING FOURTH FLOOR KEYED NOTES

- 1. REMOVE EXISTING KITCHEN SINK AND REPLACE WITH KITCHEN SINK IN SAME LOCATION. REWORK EXISTING SANITARY AND SUPPLY PIPING AS REQUIRED TO ACCOMMODATE NEW SINK. PROVIDE NEW P-TRAP, 1/4 TURN STOPS AND SUPPLY LINES.
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- 3. REMOVE EXISTING WATER CLOSET AND REPLACE WITH NEW WATER CLOSET IN SAME LOCATION. REWORK EXISTING SUPPLY PIPING AS REQUIRED TO ACCOMMODATE NEW WATER CLOSET. PROVIDE NEW 1/4 TURN STOP AND SUPPLY LINE.
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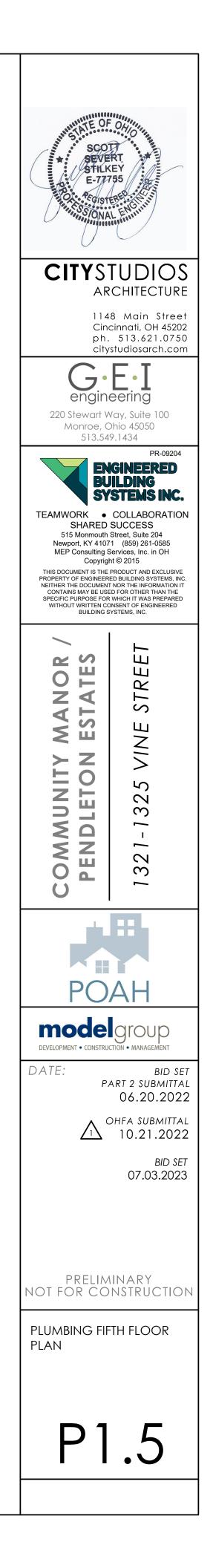
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			WA	TER CLOSE	T SCHEDULE		_	-	_			
MARK	WATER CLOSET DESCRIPTION FIXTURE	MANUFACTURER	FIXTURE MODEL #	IATERIAL	MOUNTING	CONTROL	FLOW RATE	SEAT-TYPE		ALTERNATE MANUFACTURERS		
WC1	FLOOR-SET TANK-TYPE NIAGRA	N7717 B	OWL W/ N7714T TANK CH	INA	FLOOR N	1ANUAL	0.8	CLOSED	MANSFIELD,	AMERICAN STANDARD, KOHLER, ZURN		
	MISCELLANEOUS FIXTURE SCHEDULE											
MARK	FIXTURE DESCRIPTION	FIXTURE MANUFACTUR	ER FIXTURE MODEL	FAUCE	ET MANUFACTU	IRER	FAUCE	T MODEL		ALTERNATE FIXTURE MANUFACTURERS	ALTERNATE FAUCET MANUFACTURER	ADDITIONAL INFORMATION
BT1	BATH TUB FILLER AND SHOWER CONTROLS	EXISITNG	EXISTING	SYMMO SUPPLY	NS/NIAGRA/H		45CH SHOWER I 1D SUPPLT 4248		NS S-86-2-X	IFIKAY, IUSI	KOHLER, AMERICAN STANDARD, SYMMONS, POWERS, DELTA	1.5 GPM
LV1	COUNTERTOP LAVATORY WITH INTEGRAL BOW	VL SEE ARCHITECTURAL SPECS FOR BOWL	N/A	AMERIC	AN STANDARD	RELIANT 3 7	385				AMERICAN STANDARD, KOHLER, CHICAGO FAUCET, T&S, MOEN, DELTA	MANUAL 0.5 GPM
KS1	COUNTERTOP SINK	MOEN	G202133	AMERIC	AN STANDARD	415.700.F15.	002			ELKAY, JUST	CFG, ELKAY, JUST, MOEN, DELTA	CRUMB CUP STRAINER 1.5 GPM

ELD,AMERICAN STANDARD, KOHLER, ZURN

## **DIVISION 22 - PLUMBING**

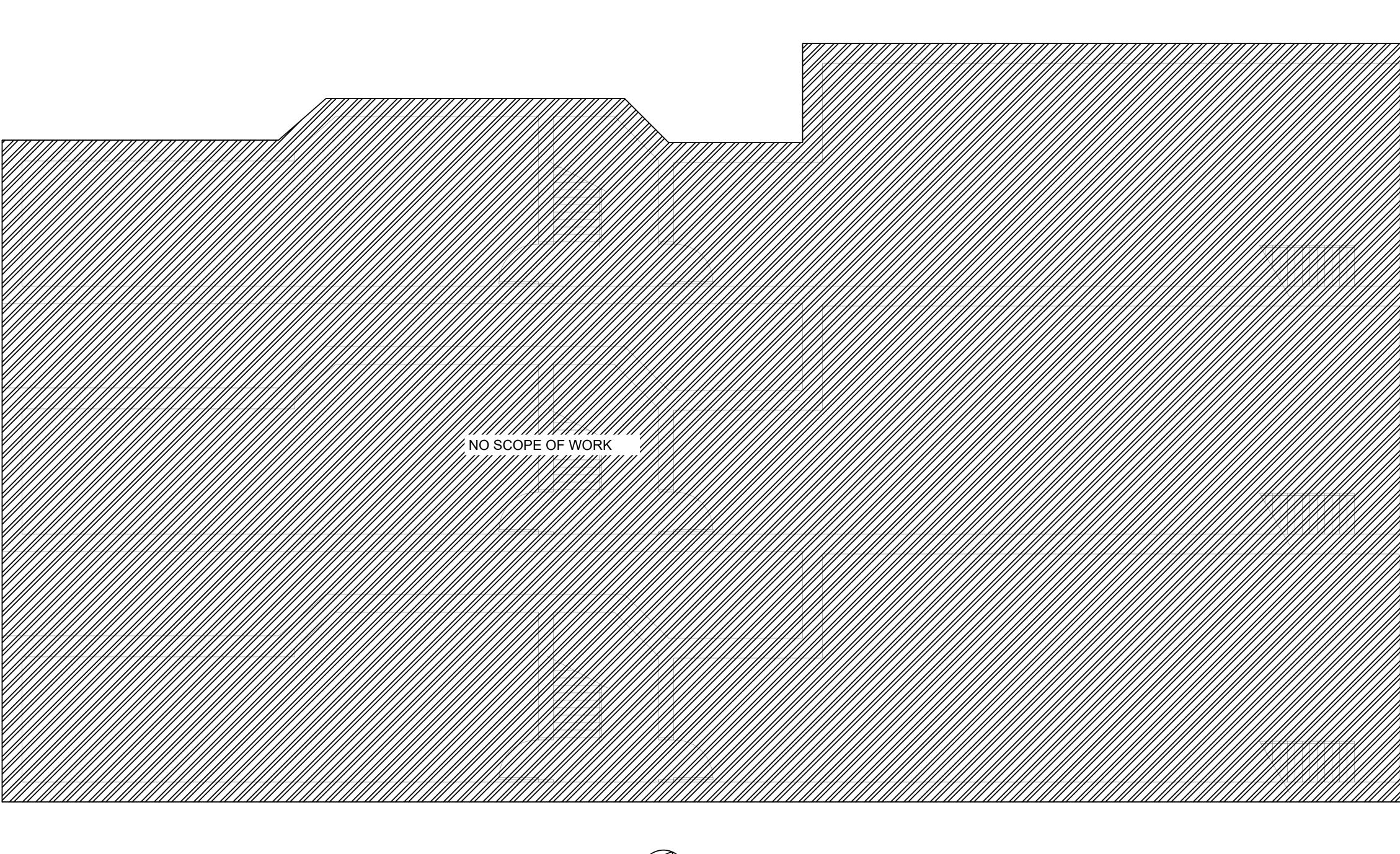
1. GENERAL PLUMBING REQUIREMENTS

a. REFER TO ARCHITECTURAL DRAWINGS, GENERAL NOTES AND INSTRUCTIONS TO BIDDERS, GENERAL CONDITIONS, SUPPLEMENTARY GENERAL CONDITIONS, SPECIFICATIONS AND DRAWINGS, AND AS-BUILT PLANS, WHICH APPLY IN ALL RESPECTS TO THIS SECTION.

- b. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS/SPECIFICATIONS AND THE CODES AND ORDINANCES, THE HIGHEST STANDARD MUST APPLY. THE PLUMBING CONTRACTOR MUST SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO OWNER. c. THE PLUMBING CONTRACTOR SHALL BE LICENSED BY THE STATE OF OHIO
- TO INSTALL NEW PLUMBING SYSTEMS. d. PROVIDE A COMPLETE AND FULLY OPERATIONAL PLUMBING SYSTEM. THE
- PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY TO COMPLETE THE PLUMBING WORK.
- e. THOROUGHLY EXAMINE ALL AREAS WHERE EQUIPMENT AND PIPING WILL BE INSTALLED AND REPORT ANY CONDITION THAT PREVENTS THE PROPER INSTALLATION OF THE PLUMBING WORK PRIOR TO BID. CONTRACTOR MUST ALSO EXAMINE THE DRAWINGS AND SPECIFICATIONS OF OTHER BRANCHES OF WORK, MAKING REFERENCE TO THEM FOR DETAILS OF NEW OR EXISTING BUILDING CONDITIONS. NO EXTRAS WILL BE ALLOWED FOR FAILURE TO INCLUDE ALL REQUIRED WORK IN BID. ALL WORK SHALL BE DONE AT TIMES CONVENIENT TO THE OWNER AND ONLY DURING NORMAL WORKING HOURS, UNLESS SPECIFIED OTHERWISE. PLUMBING CONTRACTOR MUST TAKE THEIR OWN MEASUREMENTS AND BE RESPONSIBLE FOR THEM.
- f. WHERE NOT PROVIDED BY OTHERS, PROCURE AND PAY FOR ALL PERMITS, FEES, TAXES AND INSPECTIONS NECESSARY TO COMPLETE THE PLUMBING WORK FURNISH CERTIFICATE OF APPROVAL FOR WORK FROM INSPECTION AUTHORITY TO OWNER BEFORE FINAL ACCEPTANCE FOR WORK. CERTIFICATE OF FINAL INSPECTION AND APPROVAL SHALL BE SUBMITTED WITH THE CONTRACTOR'S REQUEST FOR PAYMENT. NO FINAL PAYMENT WILL BE APPROVED WITHOUT THIS CERTIFICATE.
- g. DRAWINGS ARE DIAGRAMMATIC ONLY INTENDING TO SHOW GENERAL RUNS AND LOCATIONS OF EQUIPMENT, FIXTURES, DUCTS, PIPING AND NOT NECESSARILY SHOWING ALL OFFSETS, DETAILS, ACCESSORIES AND EQUIPMENT TO BE CONNECTED.
- h. ALL WORK SHALL BE ACCURATELY LAID-OUT WITH OTHER TRADES, PRIOR TO INSTALLATION & FABRICATION, TO AVOID ALL CONFLICTS AND OBTAIN A NEAT AND WORKMANLIKE INSTALLATION WHICH WILL AFFORD MAXIMUM ACCESSIBILITY FOR EQUIPMENT OPERATION, MAINTENANCE CLEARANCES AND HEADROOM.
- 2. USE OF DRAWINGS AND SPECIFICATIONS
- a. EBS DRAWINGS AND SPECIFICATIONS ARE INTENDED TO CONVEY DESIGN INTENT ONLY. ALL MEANS AND METHODS, SEQUENCES, TECHNIQUES, AND PROCEDURES OF CONSTRUCTION AS WELL AS ANY ASSOCIATED SAFETY PRECAUTIONS AND PROGRAMS, AND ALL INCIDENTAL AND TEMPORARY DEVICES REQUIRED TO CONSTRUCT THE PROJECT, AND TO PROVIDE A COMPLETE AND FULLY OPERATIONAL PLUMBING SYSTEM ARE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR.

3. CONTRACTOR COORDINATION a. COORDINATION DRAWINGS SHOWING SYSTEM AND COMPONENT INSTALLATION LAYOUT, ROUTING, DETAILS, ETC. SHALL BE PRODUCED BY THE PLUMBING CONTRACTOR AND UNDER THE SUPERVISION OF THE SCOTT GENERAL CONTRACTOR/CONSTRUCTION MANAGER, OR APPROPRIATE PARTY AS APPLICABLE. ALL SYSTEMS INSTALLED BY EACH SEVERT SUB-CONTRACTOR SHALL BE COORDINATED WITH ONE ANOTHER AND STILKEY APPROVED BY GENERAL CONTRACTOR/CONSTRUCTION MANAGER, ETC. E-77755 PRIOR TO INSTALLATION AND/OR FABRICATION. IF QUESTIONS CONCERNING DESIGN INTENT ARISE DURING COORDINATION, EBS CAN ASSIST WHERE APPROPRIATE. 4. PLUMBING FIXTURES a. SHUT OFF VALVES/STOPS SHALL BE PROVIDED AT ALL LAVATORIES, SINKS AND WATER CLOSETS. b. COORDINATE COLOR OF FIXTURES WITH ARCHITECT. CITYSTUDIOS c. PROVIDE ADA COMPLIANT FIXTURES WHERE INDICATED ON THE ARCHITECTURAL PLANS. PROVIDE OFFSET FIXTURE TAILPIECES AND TRAPS ARCHITECTURE WHERE REQUIRED TO MEET ADA LEG CLEARANCES. d. PROVIDE NEW PLUMBING FIXTURES, EQUIPMENT, PIPING & VALVES AS INDICATED ON DRAWINGS & AS SPECIFIED. FIXTURES SHALL BE SECURELY 1148 Main Street FASTENED TO PREVENT ANY MOVEMENT OF FIXTURE DURING NORMAL USE. Cincinnati, OH 45202 SEAL TO WALL, FLOOR OR COUNTERTOP WITH SILICONIZED ACRYLIC-LATEX ph. 513.621.0750 CAULK. citystudiosarch.com 5. DOMESTIC WATER SYSTEMS a. NEW FIXTURES SHALL BE CONNECTED TO THE EXISTING WATER SERVICE. J-L-6. VALVES - GENERAL engineering a. PLUMBING CONTRACTOR MUST PROVIDE VALVES AS NECESSARY FOR PROPER SYSTEM OPERATION AND COMPONENT ISOLATION. INSTALL 220 Stewart Way, Suite 100 VALVES FOR EACH ISOLATED FIXTURE OR GROUP OF FIXTURES, AND EACH Monroe, Ohio 45050 CONNECTION TO EQUIPMENT. 513.549.1434 b. LOCATE SHUT-OFF VALVES ADJACENT TO EQUIPMENT FOR EASY ACCESS PR-09204 SUCH THAT VALVES CAN BE REACHED WITHOUT MOVING EQUIPMENT. ENGINEERED 7. VALVES FOR DOMESTIC WATER BUILDING a. VALVES FOR DOMESTIC WATER MUST MEET THE REQUIREMENTS OF THE LEAD-FREE LAW S.3874. IT IS THE CONTRACTOR'S RESPONSIBILITY TO **SYSTEMS INC.** PROVIDE LEAD-FREE PRODUCTS AS MANDATED BY THE LAW AND AS REQUIRED/INTERPRETED BY THE AUTHORITY HAVING JURISDICTION. TEAMWORK • COLLABORATION b. PROVIDE VALVES FOR WORKING PRESSURE IN WATER PIPING OF 125 PSI OR SHARED SUCCESS 515 Monmouth Street, Suite 204 GREATER. Newport, KY 41071 (859) 261-0585 c. GENERAL DUTY SHUT-OFF BALL VALVES MEP Consulting Services, Inc. in OH i. PROVIDE TWO-PIECE, FULL PORT, SILICON BRONZE BALL VALVES WITH THE Copyright © 2015 CAPABILITY OF ACCEPTING EXTENDED OPERATING HANDLES (FOR THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, INC NEITHER THE DOCUMENT NOR THE INFORMATION IT INSULATED PIPING). VALVES SHALL BE NIBCO MODEL T/S/PC-595-Y-66-LF (-NS) OR EQUAL PRODUCT MANUFACTURED BY AMERICAN VALVE CO, CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARED CRANE, HAMMOND, MILWAUKEE, RED-WHITE VALVE CORPORATION, OR WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC. WATTS. 8. INSULATION FOR HANDICAP ACCESSIBLE FIXTURES (WHERE NOT PROTECTED WITH A SHROUD) a. ALL HANDICAP LAVATORY P-TRAP AND ANGLE STOP ASSEMBLIES SHALL BE **R** S INSULATED WITH TRAP WRAP PROTECTIVE KIT MANUFACTURED BY PROFLO Ш MODEL PF200 SERIES OR EQUAL. PROVIDE OFFSET TRAPS FOR HANDICAP -ш-ACCESSIBLE FIXTURES WHERE REQUIRED. ABRASION RESISTANT,  $\sim$ ANTI-MICROBIAL VINYL EXTERIOR COVER SHALL BE SMOOTH. FOR TRAPS, ZA THE INSULATION MUST HAVE A CLEANOUT NUT CAP TO ALLOW SERVICE TO S THE TRAP WITHOUT DISASSEMBLY. FOR STOPS, THE INSULATION MUST A L HAVE A LOCK LID THAT PREVENTS TAMPERING BUT ALLOWS ACCESS S Ш WITHOUT REMOVAL OF THE INSULATION. FASTENERS MUST REMAIN Хü SUBSTANTIALLY OUT OF SIGHT. ACCEPTABLE MANUFACTURERS INCLUDE  $\overline{\phantom{a}}$ PROFLO, TRUEBRO, PLUMBEREX, AND DEARBORN.  $\succ Z$ 9. CONCRETE HOUSEKEEPING PADS 10. ESCUTCHEON PLATES S Z a. INSTALL ONE-PIECE CHROME PLATED BRASS WALL PLATE EQUIPPED WITH  $\sim$ SET SCREW AROUND ALL EXPOSED PIPE PASSING THROUGH WALLS IN ш  $\mathcal{O}$ FINISHED AREAS. N N 11. CUTTING AND PATCHING a. CUT AND PATCH WALLS AND FLOORS TO MATCH BUILDING CONSTRUCTION ΣZ WHERE REQUIRED TO INSTALL ALL PLUMBING.  $\sim$ 12. TESTING Ο  $\mathcal{O}$ 0 a. ALL PLUMBING WORK SHALL BE TESTED & APPROVED BY INSPECTOR PRIOR TO BEING BACKFILLED, CONCEALED & PUT INTO SERVICE. AFTER TESTING IS U COMPLETE & APPROVED, THE PLUMBING CONTRACTOR MUST DISINFECT THE POTABLE WATER SYSTEM AS REQUIRED BY LOCAL AUTHORITY. TEST WATER PURITY ACCORDING TO LOCAL REQUIREMENTS AND SUBMIT CERTIFIED TEST RESULTS TO OWNER FOR REVIEW AND APPROVAL. 13. SHOP DRAWINGS a. SUBMIT TO THE ARCHITECT PDF FILE COPIES OF COMPLETE & CERTIFIED SHOP DRAWINGS, DESCRIPTIVE DATA, PERFORMANCE DATA & RATINGS, DIAGRAMS AND SPECIFICATIONS ON ALL SPECIFIED EQUIPMENT, INCLUDING ACCESSORIES, AND MATERIALS FOR REVIEW. b. THE MAKE, MODEL NUMBER, TYPE, FINISH & ACCESSORIES OF ALL EQUIPMENT AND MATERIALS SHALL BE REVIEWED & APPROVED BY THE PLUMBING CONTRACTOR & GENERAL CONTRACTOR PRIOR TO SUBMITTING modelgroup TO THE ARCHITECT FOR THEIR REVIEW & APPROVAL. c. REVIEW OF SHOP DRAWINGS DOES NOT RELIEVE THE PLUMBING DEVELOPMENT • CONSTRUCTION • MANAGEMENT CONTRACTOR/VENDOR FROM COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT DRAWINGS, SPECIFICATIONS & APPLICABLE CODES. DATE: BID SET 14. OWNER'S INSTRUCTIONS PART 2 SUBMITTAL a. PROVIDE TWO SETS OF COMPLETE OPERATING AND MAINTENANCE 06.20.2022 INSTRUCTIONS WITH DRAWINGS, TYPEWRITTEN INSTRUCTIONS AND OPERATING SEQUENCES AND DESCRIPTIVE DATA SHEETS. ASSEMBLE EACH OHFA SUBMITTAL SET IN A HARD-BOUND COVER. 10.21.2022 15. WARRANTY a. THE PLUMBING CONTRACTOR MUST UNCONDITIONALLY WARRANT ALL BID SET WORK TO BE FREE OF DEFECTS IN EQUIPMENT. MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL 07.03.2023 ACCEPTANCE BY OWNER AND THE PLUMBING CONTRACTOR WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE TO THE OWNER. b. RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE EQUIPMENT, MATERIALS AND WORKMANSHIP. END OF DIVISION 22 - PLUMBING PRELIMINARY NOT FOR CONSTRUCTION PLUMBING DETAILS

18, 2022-12:32pm - By: k.meyer ED TO DEMONSTRATE COMP <u>©Construction。Decuments}</u>0.32131.1325₀Mine。Street\02204∞MinOrMECUANICAL-BASEMENT-PLAN.dwg-EBS. Plot Date/Time NOT AUTHORIZED TO BE USED AS CONTRACT DOCUMENTS. THESE DRAWINGS HAVE BEEN PRE MINE CODE COMPLIANCE. THE INSTALLING CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ME CTION MANAGER, GENERAL CONTRACTOR. ETC. <u>wrBrgiect</u>, Directories\9200c-9299\9204-Model。BOMA\ HESE DRAWINGS AND SPECIFICATIONS ARE JRISDICTION WITH INFORMATION TO DETER HAT MAY EXIST WITH AN OWNER, CONSTRU

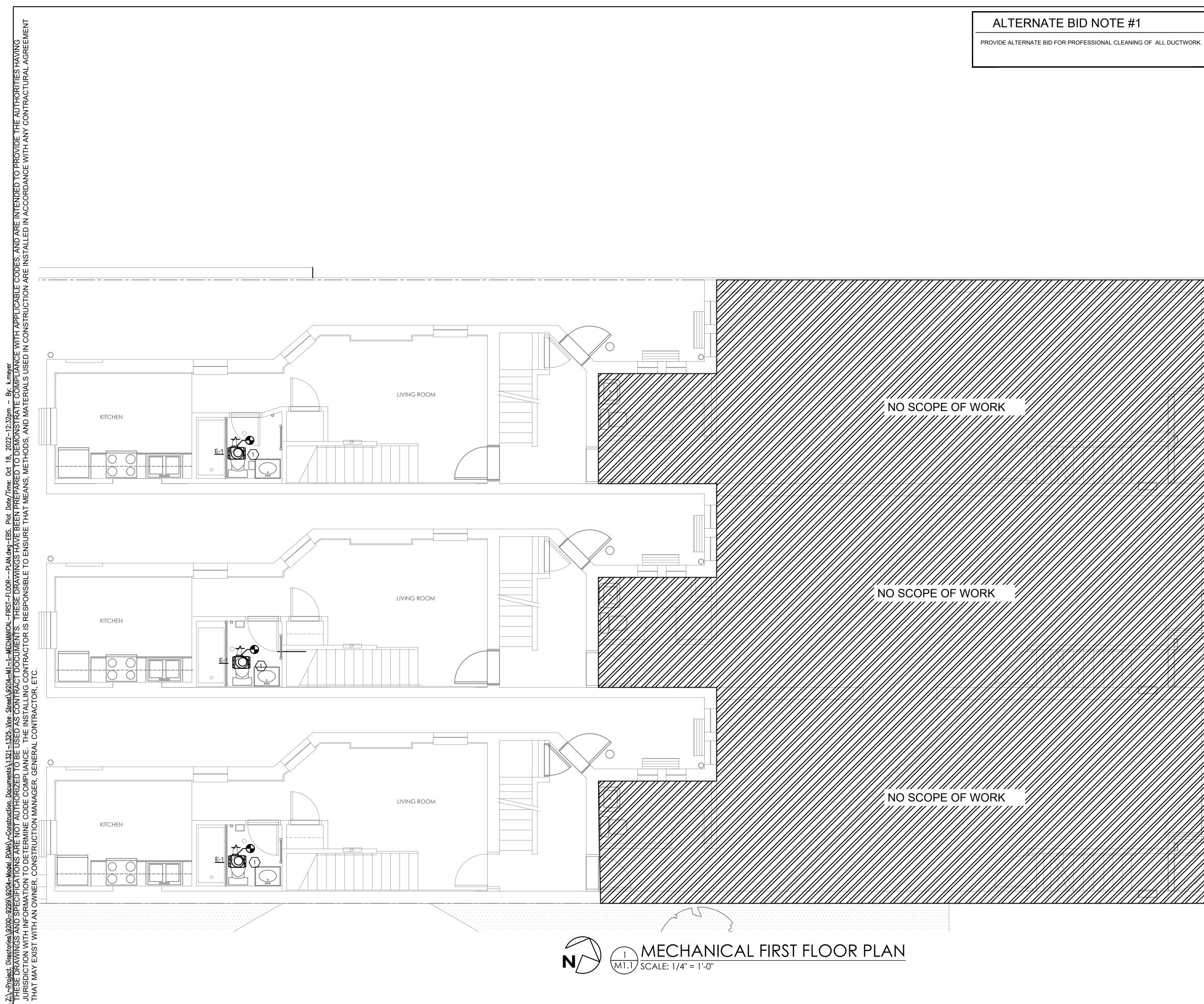




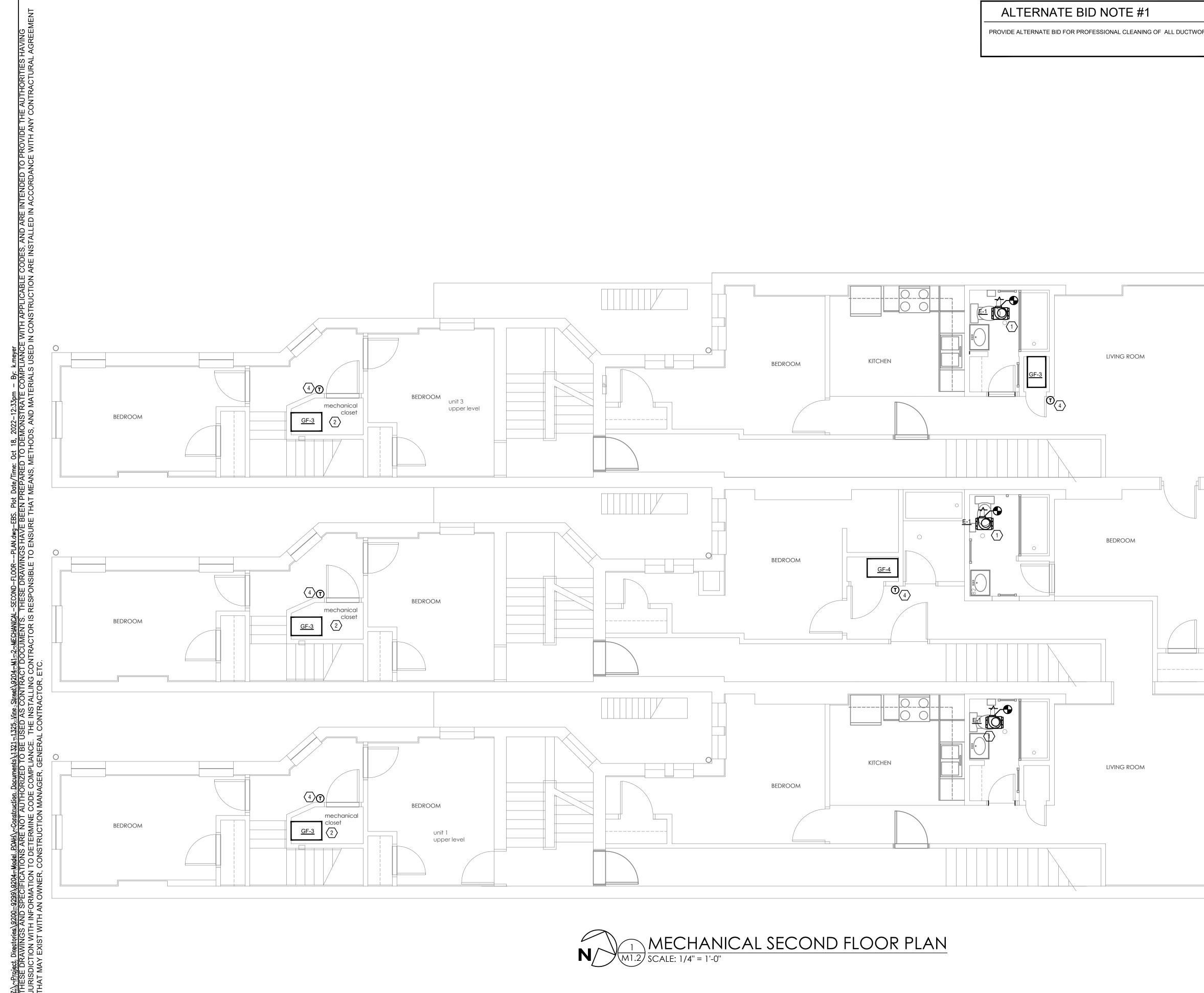
# ALTERNATE BID NOTE #1

PROVIDE ALTERNATE BID FOR PROFESSIONAL CLEANING OF ALL DUCTWORK.

MECHANICAL	SCOPE OF WORK							
FURNACES, CONDENSING UNITS, FOR ONE REPLACEMENT OF EXIS SHALL REFERENCE ALL DISCIPLIN	TO REPLACE MECHANICAL EQUIPMENT SUCH AS EXHAUST FANS, DIFFUSERS AND GRILLES. ONE TING EQUIPMENT. MECHANICAL CONTRACTOR IE DRAWINGS, ETC. TO REVEAL FULL SCOPE OF PECIFICATIONS, SCHEDULES, DETAILS, ETC. FOR	STATE OF ON THE						
CODES REFER	RENCED	- E-77755						
<ul> <li>2017 OHIO MECHANICAL COE</li> <li>2017 OHIO BUILDING CODE</li> <li>ASHRAE 90.1-2010</li> </ul>	DE	Friday O'SONAL ENVIRONMENT						
KEYED SHEE	T NOTES							
EXISTING LOCATION, ONE FO EXHAUST DUCTWORK. PROV REQUIRED. MODIFY EXISTING DEMO OR CEILING REPAIRS/N AND OWNER.	EXISTING LOCATION, ONE FOR ONE REPLACEMENT. CONNECT TO EXISTING EXHAUST DUCTWORK. PROVIDE DUCT TRANSITIONS AND ADAPTORS AS REQUIRED. MODIFY EXISTING DUCTWORK AS REQUIRED. COORDINATE ANY DEMO OR CEILING REPAIRS/MODIFICATIONS WITH GENERAL CONTRACTOR							
REPLACEMENT. CONNECT TO MODIFY EXISTING DUCTWOR TO EXISTING FLUE/INTAKE. M SELECTIVE DEMO FOR NEW I CONTRACTOR AND OWNER. I SIZES FOR FLUE/INTAKE. FO REQUIREMENTS FOR FURNA		220 Stewart Way, Suite 100 Monroe, Ohio 45050 513.549.1434						
FOR ONE REPLACEMENT. RO INDOOR AIR HANDLER. ALL P SIZE PER MANUFACTURES R SELECTIVE DEMO FOR NEW I CONTRACTOR AND OWNER. 4. REMOVE EXISTING THERMOS	SING UNITS. PROVIDE AND INSTALL NEW ONE UTE NEW LINE SET FROM OUTDOOR UNIT TO IPING SHALL BE CONCEALED IN FINISHED AREA. ECOMMENDATIONS. COORDINATE ANY LINE SET MODIFICATIONS WITH GENERAL STAT. PROVIDE AND INSTALL NEW THERMOSTAT RMOSTAT LOCATION SHOWN ON PLANS IS FOR	PR-09204 ENGINEERED BUILDING SYSTEMS INC. TEAMWORK • COLLABORATION SHARED SUCCESS						
<ol> <li>ALL ATTIC DUCTWORK CARR VALUE OF R-8 INSULATION. M EXISTING DUCTWORK TO VEI DUCTWORK R-VALUE IS FOUL CONTRACTOR IS TO REPLAC REQUIRED I.E. FLEX DUCT) W</li> <li>REMOVE EXISTING THERMOSTICS</li> </ol>	YING CONDITIONED AIR MUST HAVE A MINIMUM IECHANICAL CONTRACTOR TO INSPECT RIFY INSULATION VALUE. IF THE EXISTING ND TO BE BELOW R-8 THE MECHANICAL E THE INSULATION AND DUCTWORK (WHERE /ITH R-8 INSULATION. STAT. PROVIDE AND INSTALL NEW TALKING DRY ACCESSIBLE UNIT, INSTALL IN EXISTING	515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585 MEP Consulting Services, Inc. in OH Copyright © 2015 THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, INC. NEITHER THE DOCUMENT NOR THE INFORMATION IT CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARED WITHOUT WRITTEN CONSENT OF ENGINEERED						
	ERMOSTAT LOCATION SHOWN ON PLANS IS FOR	BUILDING SYSTEMS, INC.						
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	WORK WITH OTHER TRADES.	MA EST VE S						
	IANUFACTURER'S REQUIREMENTS. MAINTAIN ALL	VINE S						
	NCES FOR ACCESS AND MAINTENANCE.	ETO BIO						
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I. MAINTAIN CODE REQUIRED CLE EQUIPMENT.	ARANCE TO COMBUSTIBLES FOR ALL GAS-FIRED	<b>model</b> group						
	DETERMINE IF LONG LINE SET ACCESSORIES ONG LINE SET ACCESSORIES AS NEEDED.							
EXTERIOR EXHAUST VENT COV		DATE: BID SET PART 2 SUBMITTAL 06.20.2022						
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REMOVE REGISTER GRILLES. INSTA	ALL SLEEVE TO EXTEND DUCT BOOT TO BACK OF CT BOOT (TO SLEEVE AND TO WALLBOARD OR	BID SET						
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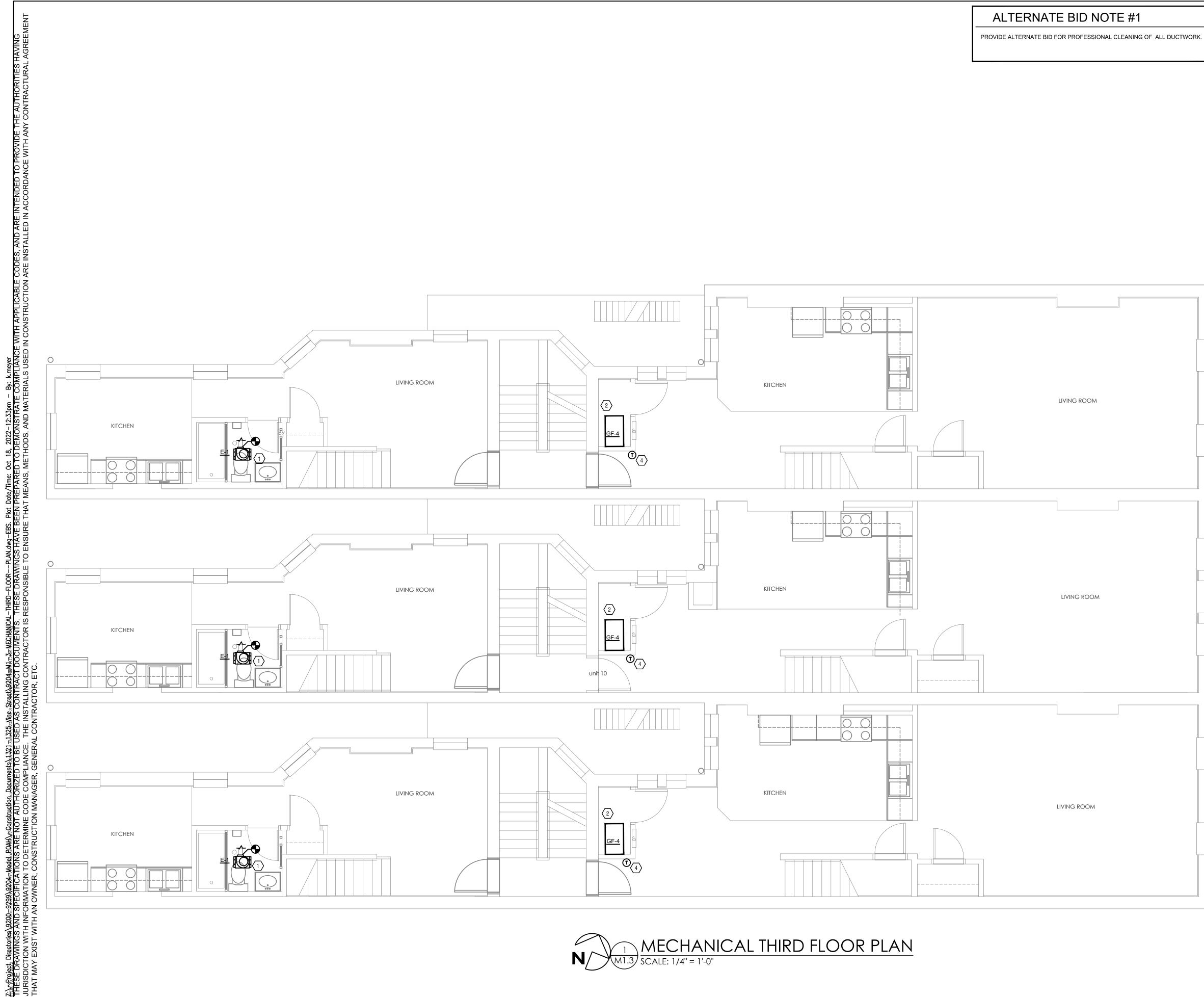


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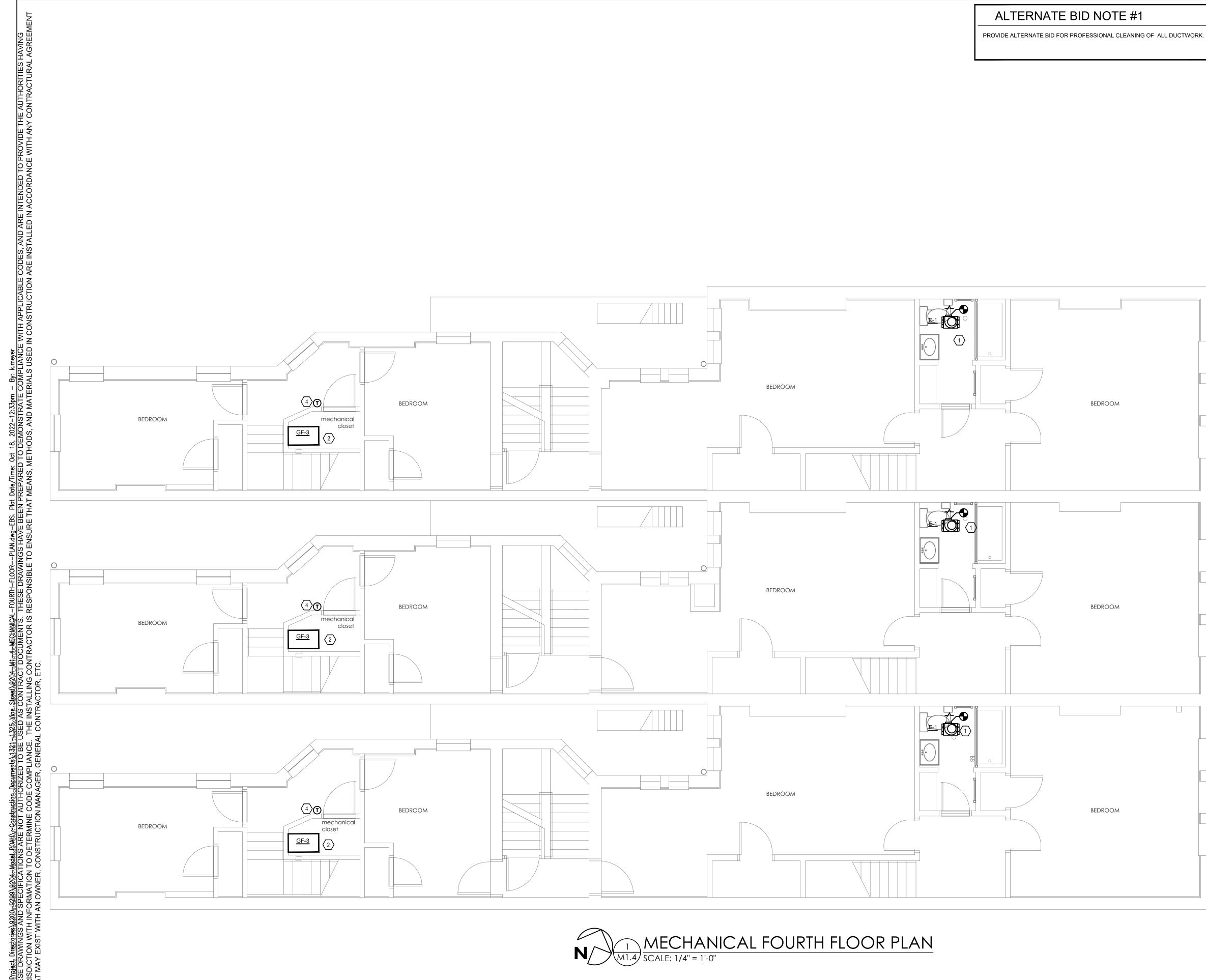


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<ul> <li>E. PROVIDE AN OVERFLOW SWITCH IN PRIMARY DRAIN LINE OF UNITS, WHICH WILL SHUTOFF THE UNIT ON HIGH WATER LEVEL.</li> <li>F. ROUTE ALL AIR CONDITIONER CONDENSATE TO NEARBY FLOOR DRAIN.</li> </ul>								
PROVIDE MINIMUM SLOPE OF 1/8 " PER FOOT. SIZE CONDENSATE PER SECTION 307.2.2 OF THE OHIO MECHANICAL CODE.								
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2.	REPLACEM MODIFY EX TO EXISTIN SELECTIVE CONTRACT	KISTING FURNACE. P ENT. CONNECT TO E ISTING DUCTWORK / G FLUE/INTAKE. MOI DEMO FOR NEW LIN OR AND OWNER. FO FLUE/INTAKE. FOLL(	XISTING SUPPLY , AS REQUIRED. CO DIFY AS REQUIREI E SET/FLUE MODI LLOW ALL MANUF	AND RETURN E NNECT NEW FI D. COORDINAT IFICATIONS WI ^T ACTURES REC	DUCTWORK. LUE/INTAKE E ANY TH GENERAL OMMENDED	220 Stewart V	E•I eering Vay, Suite 100 Dhio 45050
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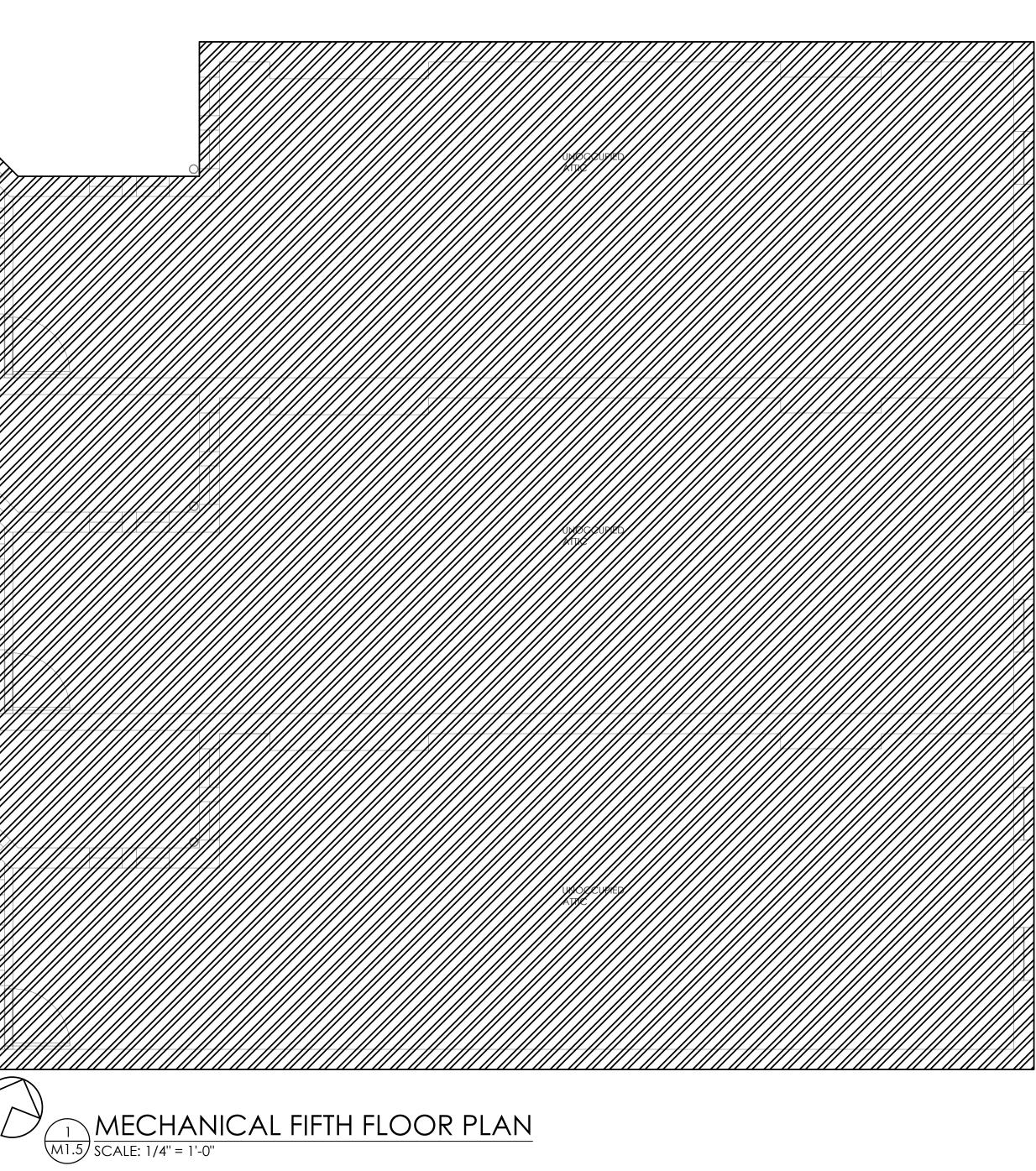


MECHANICAL SCOPE OF WORK	
MECHANICAL SCOPE OF WORK IS TO REPLACE MECHANICAL EQUIPMENT SUCH AS FURNACES, CONDENSING UNITS, EXHAUST FANS, DIFFUSERS AND GRILLES. ONE FOR ONE REPLACEMENT OF EXISTING EQUIPMENT. MECHANICAL CONTRACTOR SHALL REFERENCE ALL DISCIPLINE DRAWINGS, ETC. TO REVEAL FULL SCOPE OF WORK. REFER TO MECHANICAL SPECIFICATIONS, SCHEDULES, DETAILS, ETC. FOR ADDITIONAL INFORMATION.	SCOTT SEVERT STILKEY E-77755
<ul> <li>2017 OHIO MECHANICAL CODE</li> <li>2017 OHIO BUILDING CODE</li> <li>ASHRAE 90.1-2010</li> </ul>	SS/ONAL ENGINE
KEYED SHEET NOTES	
<ol> <li>REMOVE EXISTING BATHROOM EXHAUST FAN. PROVIDE AND INSTALL NEW IN EXISTING LOCATION, ONE FOR ONE REPLACEMENT. CONNECT TO EXISTING EXHAUST DUCTWORK. PROVIDE DUCT TRANSITIONS AND ADAPTORS AS REQUIRED. MODIFY EXISTING DUCTWORK AS REQUIRED. COORDINATE ANY DEMO OR CEILING REPAIRS/MODIFICATIONS WITH GENERAL CONTRACTOR AND OWNER.</li> </ol>	1148 Main Street Cincinnati, OH 45202 ph. 513.621.0750 citystudiosarch.com
<ol> <li>REMOVE EXISTING FURNACE. PROVIDE AND INSTALL NEW ONE FOR ONE REPLACEMENT. CONNECT TO EXISTING SUPPLY AND RETURN DUCTWORK. MODIFY EXISTING DUCTWORK AS REQUIRED. CONNECT NEW FLUE/INTAKE TO EXISTING FLUE/INTAKE. MODIFY AS REQUIRED. COORDINATE ANY SELECTIVE DEMO FOR NEW LINE SET/FLUE MODIFICATIONS WITH GENERAL CONTRACTOR AND OWNER. FOLLOW ALL MANUFACTURES RECOMMENDED SIZES FOR FLUE/INTAKE. FOLLOW ALL MANUFACTURERS CLEARANCE AND REQUIREMENTS FOR FURNACE.</li> </ol>	G-E-I engineering 220 Stewart Way, Suite 100 Monroe, Ohio 45050
<ol> <li>REMOVE EXISTING CONDENSING UNITS. PROVIDE AND INSTALL NEW ONE FOR ONE REPLACEMENT. ROUTE NEW LINE SET FROM OUTDOOR UNIT TO INDOOR AIR HANDLER. ALL PIPING SHALL BE CONCEALED IN FINISHED AREA. SIZE PER MANUFACTURES RECOMMENDATIONS. COORDINATE ANY SELECTIVE DEMO FOR NEW LINE SET MODIFICATIONS WITH GENERAL CONTRACTOR AND OWNER.</li> <li>REMOVE EXISTING THERMOSTAT. PROVIDE AND INSTALL NEW THERMOSTAT</li> </ol>	513.549.1434 PR-09204 ENGINEERED BUILDING SYSTEMS INC.
<ul> <li>IN EXISTING LOCATION. THERMOSTAT LOCATION SHOWN ON PLANS IS FOR REFERENCE ONLY.</li> <li>5. ALL ATTIC DUCTWORK CARRYING CONDITIONED AIR MUST HAVE A MINIMUM VALUE OF R-8 INSULATION. MECHANICAL CONTRACTOR TO INSPECT EXISTING DUCTWORK TO VERIFY INSULATION VALUE. IF THE EXISTING DUCTWORK R-VALUE IS FOUND TO BE BELOW R-8 THE MECHANICAL CONTRACTOR IS TO REPLACE THE INSULATION AND DUCTWORK (WHERE REQUIRED I.E. FLEX DUCT) WITH R-8 INSULATION.</li> <li>6. REMOVE EXISTING THERMOSTAT. PROVIDE AND INSTALL NEW TALKING</li> </ul>	TEAMWORK • COLLABORATION SHARED SUCCESS 515 Monmouth Street, Suite 204 Newport, KY 41071 (859) 261-0585 MEP Consulting Services, Inc. in OH Copyright © 2015 THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, INC. NEITHER THE DOCUMENT NOR THE INFORMATION IT CONTAINS MAY BE USED FOR OTHER THAN THE
THERMOSTAT IN ADA SENSORY ACCESSIBLE UNIT, INSTALL IN EXISTING THERMOSTAT LOCATION. THERMOSTAT LOCATION SHOWN ON PLANS IS FOR REFERENCE ONLY.	SPECIFIC PURPOSE FOR WHICH IT WAS PREPARED WITHOUT WRITTEN CONSENT OF ENGINEERED BUILDING SYSTEMS, INC.
GENERAL NOTES A. FOR FULL SCHEDULES, SPECIFICATIONS, AND COMPLETE LISTING SEE DETAIL SHEETS.	NOR / ATES TREET
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<ul> <li>MAINTAIN CODE REQUIRED CLEARANCE TO COMBUSTIBLES FOR ALL GAS-FIRED EQUIPMENT.</li> <li>J. MECHANICAL CONTRACTOR TO DETERMINE IF LONG LINE SET ACCESSORIES</li> </ul>	<b>model</b> group
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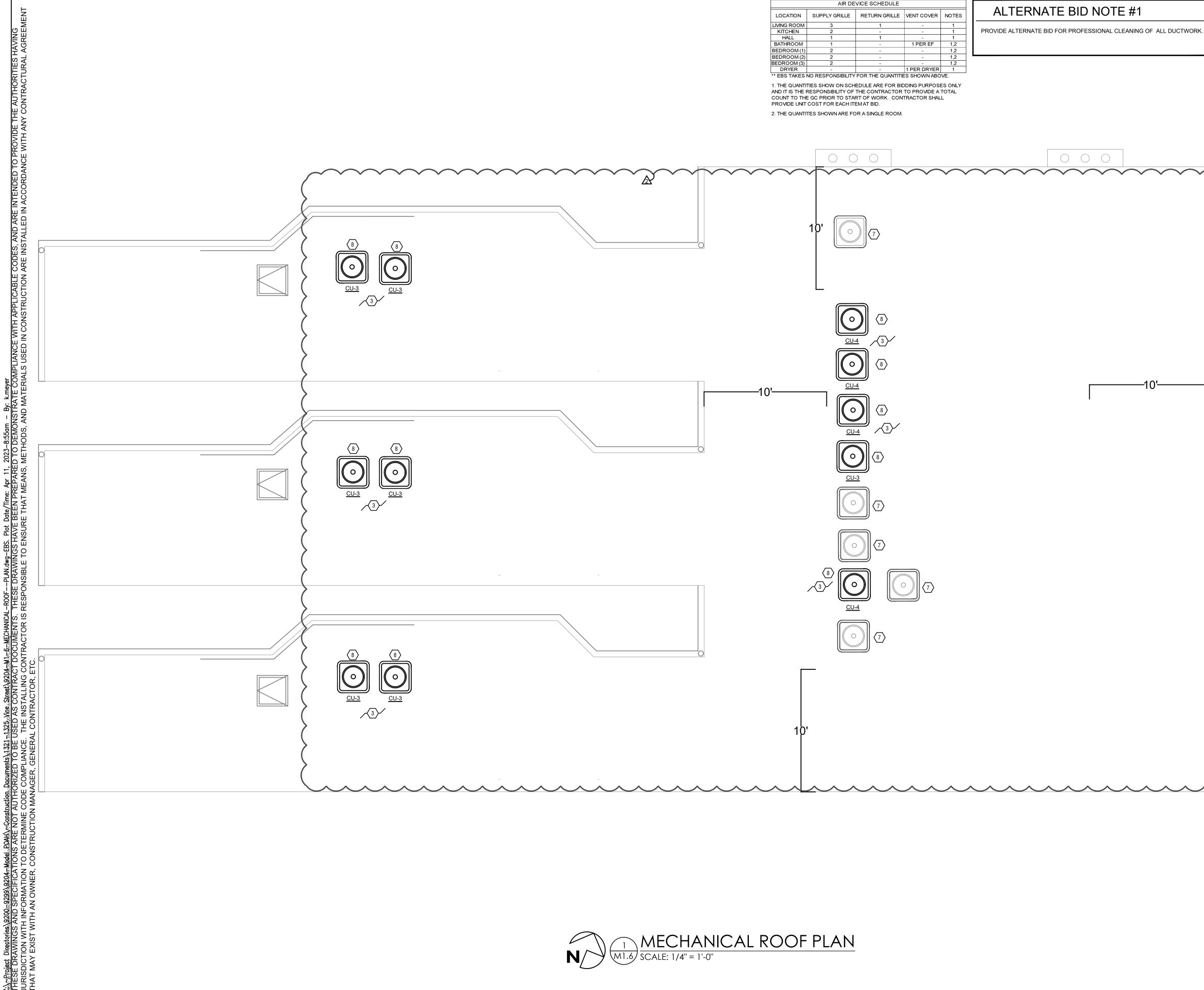
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(	THESE DRAWINGS AND SPECIFICATIONS ARE NOT AUTHORIZED TO BE USED AS CONTRACT DOCUMENTS. THESE DRAWINGS HAVE BEEN PREPARED TO DEMONSTRATE COMPLIANCE WITH APPLICABLE CODES, AND ARE INTENDED TO PROVIDE THE AUTHORITIES HAVING JURISDICTION WITH INFORMATION TO DETERMINE CODE COMPLIANCE. THE INSTALLING CONTRACTOR IS RESPONSIBLE TO ENSURE THAT MEANS, METHODS, AND MATERIALS USED IN CONSTRUCTION ARE INSTALLED IN ACCORDANCE WITH ANY CONTRACTURAL AGREEMENT THAT MAY EXIST WITH AN OWNER, CONSTRUCTION MANAGER, GENERAL CONTRACTOR, ETC.					
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# ALTERNATE BID NOTE #1

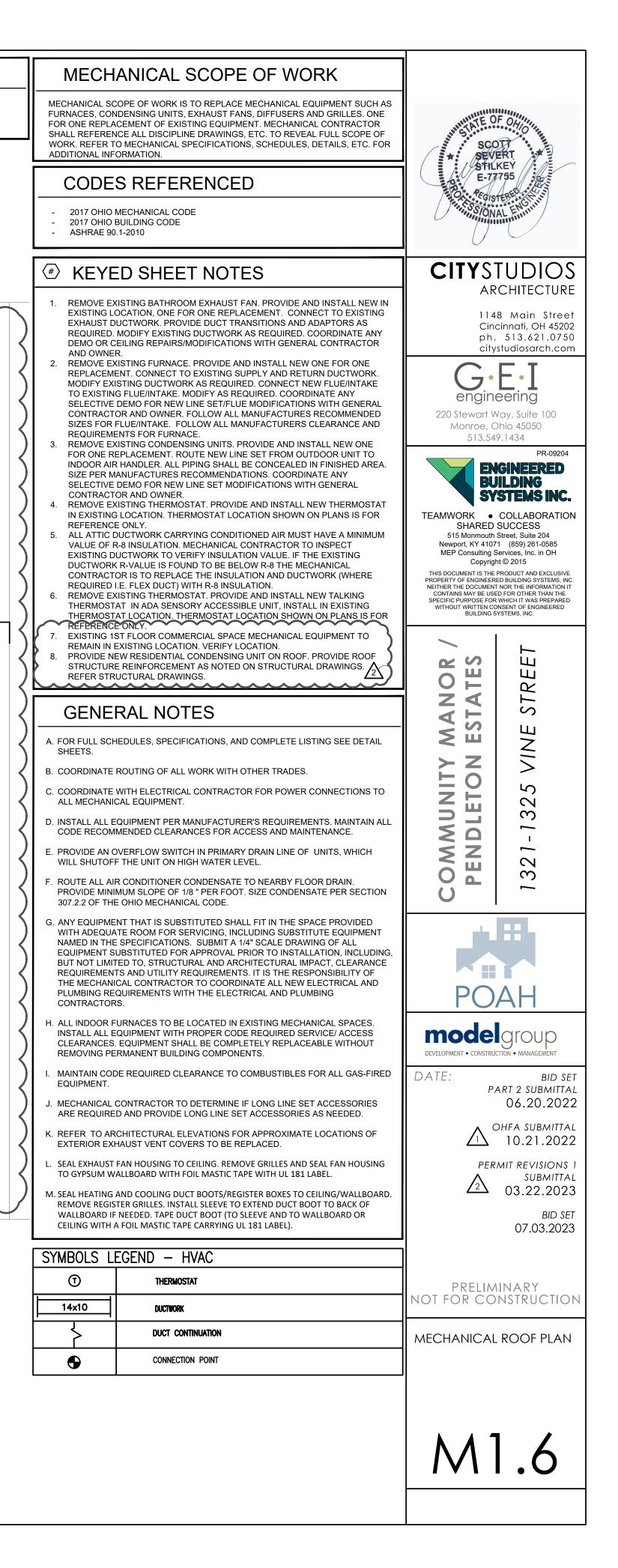
PROVIDE ALTERNATE BID FOR PROFESSIONAL CLEANING OF ALL DUCTWORK.



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	EQUIPMENT SUBSTITUTED FOR APPROVAL PRIOR TO INSTALLATION, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL AND ARCHITECTURAL IMPACT, CLEARANCE REQUIREMENTS AND UTILITY REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO COORDINATE ALL NEW ELECTRICAL AND PLUMBING REQUIREMENTS WITH THE ELECTRICAL AND PLUMBING CONTRACTORS. H. ALL INDOOR FURNACES TO BE LOCATED IN EXISTING MECHANICAL SPACES. INSTALL ALL EQUIPMENT WITH PROPER CODE REQUIRED SERVICE/ ACCESS CLEARANCES. EQUIPMENT SHALL BE COMPLETELY REPLACEABLE WITHOUT REMOVING PERMANENT BUILDING COMPONENTS.							
	EQUIPMENT.			ISTIBLES FOR ALL GAS-FIF		mode	group	
	ARE REQUIRE K. REFER TO AF EXTERIOR EX L. SEAL EXHAUST TO GYPSUM W M. SEAL HEATING REMOVE REGIS WALLBOARD II CEILING WITH	ED AND PROVIDE LON RCHITECTURAL ELEV HAUST VENT COVER FAN HOUSING TO CEI (ALLBOARD WITH FOIL AND COOLING DUCT E STER GRILLES. INSTALL	IG LINE SET ACCE ATIONS FOR APPI S TO BE REPLACE LING. REMOVE GRI MASTIC TAPE WIT BOOTS/REGISTER B SLEEVE TO EXTEND BOOT (TO SLEEVE ARRYING UL 181 L/	ILLES AND SEAL FAN HOUSIN H UL 181 LABEL. OXES TO CEILING/WALLBOA D DUCT BOOT TO BACK OF AND TO WALLBOARD OR	IG		BID SET ART 2 SUBMITTAL 06.20.2022 DHFA SUBMITTAL 10.21.2022 BID SET 07.03.2023	
	}	DUCT CONTIN				PRELIM NOT FOR CO		
	1. THE QU AND IT IS I COUNT TO PROVIDE I	SUPPLY GRILLE           OM         3           N         2           1         1           DM         1           A (1)         2           A (2)         2           I (3)         2           R         -           KES NO RESPONSIBILITY	VICE SCHEDULE RETURN GRILLE 1 - - - FOR THE QUANTITIE EDULE ARE FOR BIE THE CONTRACTOR RT OF WORK. CON EMAT BID.	DDING PURPOSES ONLY TO PROVIDE A TOTAL TRACTOR SHALL			. FIFTH FLOOR	



AIR DEVICE SCHEDULE							
LOCATION	SUPPLY GRILLE	RETURN GRILLE	VENT COVER	NOTES			
LIVING ROOM	3	1	-	1			
KITCHEN	2	-	-	1			
HALL	1	1	-	1			
BATHROOM	1	-	1 PER EF	1,2			
BEDROOM (1)	2	-	-	1,2			
BEDROOM (2)	2	-	-	1,2			
BEDROOM (3)	2	-	-	1,2			
DRYER 1 PER DRYER 1							
** EBS TAKES NO RESPONSIBILITY FOR THE QUANTITIES SHOWN ABOVE.							



## MECHANICAL SPECIFICATIONS

## 1. GENERAL

a.REFER TO ARCHITECTURAL DRAWINGS, GENERAL NOTES, INSTRUCTIONS TO BIDDERS, GENERAL CONDITIONS. SUPPLEMENTARY GENERAL CONDITIONS. BASE BUILDING SPECIFICATIONS AND DRAWINGS. SHOP DRAWING MANUALS AND AS-BUILT PLANS. EXCEPT AS NOTED HEREIN. WHICH APPLY IN ALL RESPECTS TO THIS SECTION. THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS PRIOR TO BIDDING THE WORK

- 2. USE OF DRAWINGS AND SPECIFICATIONS
- a. EBS DRAWINGS AND SPECIFICATIONS ARE INTENDED TO CONVEY DESIGN INTENT ONLY. ALL MEANS AND METHODS SEQUENCES, TECHNIQUES, AND PROCEDURES OF CONSTRUCTION AS WELL AS ANY ASSOCIATED SAFETY PRECAUTIONS AND PROGRAMS, AND ALL INCIDENTAL AND TEMPORARY DEVICES REQUIRED TO CONSTRUCT THE PROJECT, AND TO PROVIDE A COMPLETE AND FULLY OPERATIONAL MECHANICAL SYSTEM ARE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.

## 3. STANDARDS

a. EQUIPMENT AND MATERIALS SHALL CONFORM WITH APPROPRIATE PROVISIONS OF AGA, ARI, ASME, ASTM, CISPI, UL, NEMA, ANSI, SMACNA, ASHRAE, NFPA, NEC, AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY. ALL EQUIPMENT MUST BEAR UL LABEL.

## 4. LICENSE / EXPERIENCE

a. CONTRACTOR MUST BE LICENSED BY THE STATE TO INSTALL HVAC SYSTEMS/EQUIPMENT. CONTRACTOR MUST ALSO HAVE A MINIMUM OF 5 YEARS OF EXPERIENCE AND HAVE INSTALLED AT LEAST (5) SUCCESSFUL PROJECT INSTALLATIONS OF SIMILAR SIZE AND SCOPE. REFERENCES MUST BE PROVIDED UPON REQUEST.

## 5. CODES

a. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES. THE MECHANICAL CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AT A MINIMUM WITHOUT ANY EXTRA COST TO THE OWNER. IN CASE OF CONFLICT BETWEEN THE DRAWINGS/SPECIFICATIONS AND THE CODES AND ORDINANCES, THE HIGHEST STANDARD SHALL APPLY. 6 PERMITS AND FEES

a THE MECHANICAL CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS. FEES. TAXES. AND INSPECTIONS NECESSARY TO COMPLETE THE MECHANICAL WORK. FURNISH CERTIFICATE OF APPROVAL FOR WORK FROM INSPECTION AUTHORITY TO OWNER BEFORE FINAL ACCEPTANCE FOR WORK. CERTIFICATE OF FINAL INSPECTION AND APPROVAL SHALL BE SUBMITTED WITH THE CONTRACTOR'S REQUEST FOR PAYMENT. NO FINAL PAYMENT WILL BE APPROVED WITHOUT THIS CERTIFICATE.

## 7. SITE EXAMINATION

a. THE MECHANICAL CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS OF WORK WHERE EQUIPMENT, DUCTWORK, AND PIPING WILL BE INSTALLED AND SHALL REPORT ANY CONDITION THAT, IN HIS OPINION, PREVENTS THE PROPER INSTALLATION OF THE MECHANICAL WORK PRIOR TO BID. CONTRACTOR SHALL ALSO EXAMINE THE DRAWINGS AND SPECIFICATIONS OF OTHER BRANCHES OF WORK, MAKING REFERENCE TO THEM FOR DETAILS OF NEW OR EXISTING BUILDING CONDITIONS. NO EXTRAS WILL BE ALLOWED FOR FAILURE TO INCLUDE ALL REQUIRED WORK IN BID.

- b. ALL WORK SHALL BE DONE AT TIMES CONVENIENT TO THE OWNER AND ONLY DURING NORMAL WORKING HOURS, UNLESS SPECIFIED OTHERWISE.
- c. MECHANICAL CONTRACTOR SHALL TAKE THEIR OWN MEASUREMENTS AND BE RESPONSIBLE FOR THEM.
- d. ACCESS PANELS ARE NOT SHOWN ON DRAWINGS. DURING SITE EXAMINATION, CONTRACTOR SHALL IDENTIFY ALL AREAS WHERE ACCESS PANELS ARE REQUIRED. AND REPORT TO GENERAL CONTRACTOR. DESIGNATION OF WHO FURNISHES AND WHO INSTALLS ACCESS PANELS MUST BE COORDINATED WITH GENERAL CONTRACTOR PRIOR TO STARTING WORK.

## 8. CONTRACTOR COORDINATION

a. COORDINATION DRAWINGS SHOWING SYSTEM AND COMPONENT INSTALLATION LAYOUT, ROUTING, DETAILS, ETC. SHALL BE PRODUCED BY THE MECHANICAL CONTRACTOR AND UNDER THE SUPERVISION OF THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER, OR APPROPRIATE PARTY AS APPLICABLE.

- b. ALL SYSTEMS INSTALLED BY EACH SUB-CONTRACTOR SHALL BE COORDINATED WITH ONE ANOTHER AND APPROVED BY GENERAL CONTRACTOR/CONSTRUCTION MANAGER, ETC. PRIOR TO INSTALLATION AND/OR FABRICATION.
- c. IF QUESTIONS CONCERNING DESIGN INTENT ARISE DURING COORDINATION, EBS CAN ASSIST WHERE APPROPRIATE
- d. THE ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. DO NOT SCALE DISTANCES OFF THE MECHANICAL DRAWINGS; USE ACTUAL BUILDING DIMENSIONS.

## 9. SHOP DRAWINGS / SUBMITTALS

a. SUBMIT TO THE ARCHITECT ELECTRONIC COPIES OF COMPLETE AND CERTIFIED SHOP DRAWINGS, DESCRIPTIVE DATA, PERFORMANCE DATA AND RATINGS, DIAGRAMS AND SPECIFICATIONS ON ALL SPECIFIED EQUIPMENT, INCLUDING ACCESSORIES, AND MATERIALS FOR REVIEW. THE MAKE, MODEL NUMBER TYPE FINISH AND ACCESSORIES OF ALL EQUIPMENT AND MATERIALS SHALL BE REVIEWED AND APPROVED BY THE MECHANICAL CONTRACTOR AND GENERAL CONTRACTOR PRIOR TO SUBMITTING TO THE ARCHITECT FOR THEIR REVIEW AND APPROVAL. APPROVAL OF SHOP DRAWINGS DOES NOT RELIEVE THE MECHANICAL CONTRACTOR/VENDOR FROM COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT DRAWINGS, SPECIFICATIONS AND APPLICABLE CODES.

b. SHOP DRAWINGS SHALL BE REQUIRED FOR THE FOLLOWING:

- HVAC EQUIPMENT
- FANS
- •DIFFUSERS, REGISTERS, GRILLES, DAMPERS, LOUVERS, AND ALL SHEET METAL ACCESSORIES
- •TEMPERATURE CONTROLS
- •SHEET METAL COORDINATION DRAWINGS
- AIR BALANCE REPORT

c. PRODUCTS INSTALLED BY THE MECHANICAL CONTRACTOR AND PROVIDED BY OTHERS MUST BE SUBMITTED FOR REVIEW PRIOR TO PURCHASING. PRODUCTS SHALL NOT BE SELECTED BASED ON PERMIT DRAWINGS WITHOUT EXPRESS PERMISSION - PRODUCTS SHALL BE SELECTED BASED ON CONSTRUCTION DRAWINGS.

## 10. RECORD DRAWING

a. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CREATING RECORD DRAWINGS WHERE REQUIRED. DRAWINGS SHALL BE PRODUCED IN AUTOCAD 2004 FORMAT OR LATER.

## 11. TESTING

a. ALL MECHANICAL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION.

## 12. FIRE STOPPING

a. PROVIDE FIRE STOPPING AT ALL PENETRATIONS THROUGH RATED SEPARATIONS PER LOCAL CODES & REGULATIONS & PER UL RECOMMENDATIONS FOR ASSEMBLIES ENCOUNTERED IN PROJECT. b. THE FIRE STOPPING MATERIAL SHALL MEET THE INTEGRITY OF THE FIRE RATED WALL, FLOOR, CEILING &

- ROOF BEING PENETRATED. REFER TO ARCHITECT'S DRAWINGS FOR WALL, FLOOR, CEILING & ROOF FIRE RATINGS PRIOR TO BIDDING WORK.
- c. REFER TO ARCHITECT'S DRAWINGS FOR WALL, FLOOR, CEILING, AND ROOF FIRE RATINGS PRIOR TO BIDDING WORK.

## 13. ACCESS PANELS

a. PROVIDE CEILING AND WALL ACCESS PANEL QUANTITIES & LOCATIONS TO THE GENERAL CONTRACTOR PRIOR TO BIDDING. ACCESS PANELS ARE REQUIRED FOR ALL CONCEALED APPLIANCES, CONTROLS DEVICES, HEAT EXCHANGERS AND HVAC SYSTEM COMPONENTS THAT UTILIZE ENERGY. WHERE ACCESS PANELS ARE USED. THE ACCESS PANEL SHOULD BE SIZED TO ALLOW ACCESSIBILITY FOR INSPECTION. SERVICE, REPAIR AND REPLACEMENT WITHOUT DISABLING THE FUNCTION OF A FIRE-RESISTANCE-RATED ASSEMBLY OR REMOVING PERMANENT CONSTRUCTION, OTHER APPLIANCES, VENTING SYSTEMS OR ANY OTHER PIPING OR DUCTS NOT CONNECTED TO THE APPLIANCE BEING INSPECTED, SERVICED, REPAIRED OR REPLACED. THERE SHALL BE NO EXTRAS FOR HAVING TO ADD ACCESS PANELS AFTER BIDS ARE AWARDED.

## 14. CUTTING AND PATCHING

a. NEATLY DO ALL CUTTING AS REQUIRED AND PATCH ALL CUT SURFACES TO MATCH BUILDING CONSTRUCTION. THE CONTRACTOR SHALL EMPLOY AND PAY A TRADE TRAINED AND QUALIFIED TO PERFORM THE REQUIRED PATCHING WORK. ALL SURFACES DISTURBED SHALL BE RESTORED WITH LIKE MATERIALS TO THE SATISFACTION OF THE OWNER. ALL PENETRATIONS THROUGH ROOF SHALL BE MADE BY BONDED ROOFER. MECHANICAL CONTRACTOR SHALL PAY ALL FEES REQUIRED.

## 15. FLASHING & COUNTERFLASHING

- a.ROOF FLASHING SHALL BE FURNISHED AND INSTALLED BY THE ROOFING CONTRACTOR. ROOF COUNTERFLASHING SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR. COORDINATE WORK WITH ROOFING CONTRACTOR AND PAY ALL FEES.
- b OBTAIN APPROVAL FROM GENERAL CONTRACTOR CONSTRUCTION MANAGER OWNER AND/OR ROOFING CONTRACTOR PRIOR TO MAKING ANY PENETRATIONS SO THAT WARRANTIES ARE NOT COMPROMISED OR VOIDED
- 16. WARRANTY

# WORK PROMPTLY AND WITHOUT CHARGE TO THE OWNER. MATERIALS AND WORKMANSHIP.

17. MECHANICAL WORK

A THE MECHANICAL CONTRACTOR SHALL PROVIDE NEW HVAC FOUIPMENT FANS DUCTWORK PIPING AIR APPLICABLE CODE.

## 18. OWNER'S INSTRUCTIONS

EACH SET IN A HARD-BOUND COVER. PROVIDE PDF FILES OF ALL DOCUMENTATION. 19 FINALE

DUCTWORK/PIPING, AIR DEVICES, ETC.

## 20. ADHESIVES AND SEALANTS

- SMOKE-DEVELOPED INDEX OF 50 WHEN TESTED ACCORDING TO UL 723.
- b. EXPOSED DUCTWORK: TRIM DUCT SEALANTS FLUSH WITH METAL. CREATE A SMOOTH AND UNIFORM EXPOSED BEAD. DO NOT USE TWO-PART TAPE SEALING SYSTEM. 21. DIFFUSERS, GRILLES AND REGISTERS
- INSTALLATION IN THE TYPE OF CEILING AND WALLS USED IN THIS PROJECT. 22. EXHAUST FAN
- APPLICABLE ACCESSORIES.
- 23. INDOOR FURNACE
- TECHNICAL DATA, AND ACCESSORIES. 24. OUTDOOR CONDENSING UNIT
- 25. CONDENSATE DRAIN PIPING
- CONTROLS THAT WILL SHUT DOWN THE AIR EQUIPMENT IF THE CONDENSATE PUMP FAILS.
- B. ALL COOLING EQUIPMENT SHALL HAVE A WET SWITCH IN THE PRIMARY DRAIN LINE. THE OVERFLOW DRAIN THE CONDENSATE IS CLOGGED ...
- 26. PIPING SUPPORTS (METAL PIPE)
- TRIM AND ANGLES FOR SUPPORT OF PIPING.
- A.FURNISH AND INSTALL HANGERS FOR PLASTIC PIPING PER MANUFACTURER'S REQUIREMENTS.
- 28. TEMPERATURE CONTROLS AND CONTROL WIRING
- PROVIDED WITH EQUIPMENT PACKAGES UNLESS OTHERWISE NOTED.
- 29 TESTING BALANCING AND ADJUSTING
- TO MATCH AIRFLOW INDICATED ON THE FURNACE SCHEDULE.
- 30. SEQUENCE OF OPERATION EXHAUST FANS
  - MECHANICAL CONTRACTOR).
  - •SPLIT SYSTEMS
  - •GF/CU-X:
  - THE UNIT SHALL SHUT OFF.
  - •COOLING MODE WHEN THE THERMOSTAT CALLS FOR COOLING THE CONDENSING UNIT SHALL TEMPERATURE SETPOINT.

27. PIPING SUPPORTS (PLASTIC PIPE)

## INDOOR FURNACE SYSTEM SCHEDULE

UNIT	TAG	AREA SERVED	MANUFACTURER	FURNACE	AFUE	HTG CAP IN BTUH	HEATI CAP B
SYS-01	GF-1	REFER TO DRAWINGS	TEMPSTAR	N95ESN0401410A	96%	40,000	39,00
SYS-02	GF-2	REFER TO DRAWINGS	TEMPSTAR	N95ESN0401410A	96%	40,000	39,00
SYS-03	GF-3	REFER TO DRAWINGS	TEMPSTAR	N95ESN0601412A	96%	60,000	58,00
SYS-04	GF-4	REFER TO DRAWINGS	TEMPSTAR	N95ESN0601714A	96%	60,000	58,00
SYS-05	GF-5	REFER TO DRAWINGS	TEMPSTAR	N95ESN0601714A	96%	60,000	58,00
SYS-06	GF-6	REFER TO DRAWINGS	TEMPSTAR	N95ESN0601714A	96%	60,000	58,00
SYS-12	GF-12	REFER TO DRAWINGS	TEMPSTAR	N95ESN0401410A	96%	40,000	39,00
SYS-13	GF-13	REFER TO DRAWINGS	TEMPSTAR	N95ESN0401410A	96%	40,000	39,00
1. EXTERNAL T	RAP KIT.						

2. CONDENSATE NEUTRALIZER KIT. *NOT ALL EQUIPMENT SHOWN APPLIES TO BUILDING. REFER TO FLOOR PLANS FOR QUANTITY AND TYPE OF EQUIPMENT.

	OUTDOOR SYSTEM SCHEDULE													
UNIT	TAG	AREA SERVED	MANUFACTURER	INDOOR COIL	CONDENSING	CLG-MBH	VOLTS	PHASE	MCA	MOCP	SEER	EER	WEIGHT	NOTES
SYS-01	CU-1	REFER TO DRAWINGS	TEMPSTAR	END4X18L14	NXA418GKC	18	208/230	1	11.7	20	15	12.5	123	1-5
SYS-02	CU-2	REFER TO DRAWINGS	TEMPSTAR	END4X24L14	NAX424GKC	24	208/230	1	14.1	20	14	11.5	119	1-5
SYS-03	CU-3	REFER TO DRAWINGS	TEMPSTAR	END4X24L14	NAX424GKC	24	208/230	1	14.1	20	14	11.5	119	1-5
SYS-04	CU-4	REFER TO DRAWINGS	TEMPSTAR	END4X30L17	NAX430GKC	30	208/230	1	16.8	25	15	12.5	151	1-5
SYS-05	CU-5	REFER TO DRAWINGS	TEMPSTAR	END4X37L17	NAX436GKC	36	208/230	1	18.1	30	14	12	134	1-5
SYS-06	CU-6	REFER TO DRAWINGS	TEMPSTAR	END4X42L21	NAX442GKC	42	208/230	1	22.3	35	14	12	192	1-5
SYS-12	CU-12	REFER TO DRAWINGS	TEMPSTAR	END4X24L14	NAX424GKC	24	208/230	1	14.1	20	14	11.5	119	1-5
SYS-13	CU-13	REFER TO DRAWINGS	TEMPSTAR	END4X18L14	NXA418GKC	18	208/230	1	11.7	20	15	12.5	123	1-5

1. LOW AMBIENT PRESSURE SWITCH.

2. LOW PRESSURE SWITCH.

3. CRANKCASE HEATER. 4. HARD START KIT.

5. DIVERSITECH 2" ECOPAD OR ENGINEERED EQUIVALENT. *NOT ALL EQUIPMENT SHOWN APPLIES TO BUILDING. REFER TO FLOOR PLANS FOR QUANTITY AND TYPE OF EQUIPMENT.

	FAN SCHEDULE												
TAG	TYPE	AREA SERVED	MANUFACTURER	MODEL	DRIVE	CFM	ESP	WATTS	RPM	VOLT/PHASE	MOUNTING	WEIGHT	NOTES
E-1	EXHAUST	TOILET	PANASONIC	FV-0511VK2	DIRECT	50	0.25	6.2	1054	120/60/1	CEILING	12	1,2
1. FV-WC	1. FV-WCCS1-W CONDENSATION SENSOR PLUS WALL SWITCH.												
2. PC-RD	05C5 RADIATION DA	MPER.											

a. THE MECHANICAL CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN EQUIPMENT, MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY OWNER. THE MECHANICAL CONTRACTOR WILL REPAIR OR REPLACE ANY DEFECTIVE

b. RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE EQUIPMENT,

DEVICES, CONTROLS AS INDICATED ON DRAWINGS AND AS SPECIFIED, STARTUP AND 1ST YEAR PARTS AND LABOR WARRANTY SHALL BE INCLUDED AND MANUFACTURER'S EXTENDED WARRANTIES. EQUIPMENT AND APPLIANCES SHALL BE INSTALLED AS REQUIRED BY THE TERMS OF THEIR APPROVAL, IN ACCORDANCE WITH THE CONDITIONS OF THE LISTING, THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND THE

a. PROVIDE TWO SETS OF COMPLETE OPERATING AND MAINTENANCE INSTRUCTIONS WITH DRAWINGS, TYPEWRITTEN INSTRUCTIONS AND OPERATING SEQUENCES AND DESCRIPTIVE DATA SHEETS. ASSEMBLE

a. PUT ALL EQUIPMENT IN SERVICE AND DEMONSTRATE THAT ALL CONDITIONS OF THE CONTRACT HAVE BEEN FULFILLED. REMOVE ALL TOOLS, DEBRIS, ETC. OCCASIONED BY WORK UNDER THIS CONTRACT. SUBMIT ALL WARRANTIES. TEST REPORTS. OPERATING AND MAINTENANCE MANUALS FOR HVAC SYSTEMS. LOG SHEETS AND CHARTS, AND GUARANTEES AS PREVIOUSLY SPECIFIED, PROVIDE ALL REPORTS, FORMS, ETC. REQUIRED BY INSPECTORS TO THE SATISFACTION OF THE OWNER. PROVIDE AS-BUILT RECORD DRAWINGS (IN AUTOCAD 2007 OR LATER) SHOWING AN ACCURATE ACCOUNT OF THE FINAL INSTALLED SYSTEMS. SYSTEMS INCLUDING BUT NOT LIMITED TO ALL EQUIPMENT AND ASSOCIATED CONTROLS,

a. SEAL ALL LONGITUDINAL AND TRANSVERSE DUCT JOINTS WITH A UL 181A OR 181B NON-HARDENING, NON-MIGRATING MASTIC OR LIQUID ELASTIC SEALANT OF A TYPE RECOMMENDED BY THE MANUFACTURER FOR SEALING JOINTS AND SEAMS IN SHEET METAL DUCTWORK. COVER ALL FIELD JOINTS, JOINTS AROUND SPIN-IN FITTINGS AND FASTENING SCREWS WITH MASTIC ALL SEALANTS AND GASKETS SHALL HAVE SURFACE-BURNING CHARACTERISTICS WITH A MAXIMUM FLAME-SPREAD INDEX OF 25 AND A MAXIMUM

A.DIFFUSERS, GRILLES AND REGISTERS SHALL BE MANUFACTURED BY TITUS, PRICE, OR ENGINEERED APPROVED EQUAL AND SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR. DIFFUSERS SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS AND SCHEDULES. THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL MISCELLANEOUS ITEMS NECESSARY FOR A COMPLETE AND PROPER

A.FAN MANUFACTURER SHALL BE BROAN, PANASONIC, COOK, GREENHECK, OR ENGINEERED APPROVED EQUAL. REFER TO DRAWINGS AND SCHEDULES FOR UNIT LOCATION, TECHNICAL DATA, AND ANY

A.SPLIT SYSTEMS SHALL CONSIST OF HIGH EFFICIENT CONDENSING GAS FURNACE AND ASSOCIATED CONDENSING UNIT. FURNACE SHALL BE A 4-WAY MULTIPOISE DESIGN AND INSTALLED PER MANUFACTURER'S REQUIREMENTS. REFER TO DRAWINGS AND SCHEDULES FOR UNIT LOCATION,

A.REFER TO DRAWINGS AND SCHEDULES FOR UNIT LOCATION, TECHNICAL DATA, AND ACCESSORIES.

A.THE MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL CONDENSATE DRAINS, P-TRAPS WITH REMOVABLE CLEANOUT CAPS FOR AIR EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. THE P-TRAP DEPTH SHALL BE AT LEAST THE DEPTH SPECIFIED FOR THE RESPECTIVE PRESSURE DROP OF THE UNIT. CONDENSATE DRAIN PIPING SHALL BE SCHEDULE 40 PVC PIPE WITH SOLVENT WELD FITTINGS [INSULATE CONDENSATE WALLS OF PIPE WITH ARMAFLEX AP, FLEXIBLE CLOSED CELL ELASTOMERIC FOAM. SELF-SEALING INSULATION. PROVIDE 1/2" THICK INSULATION ON PIPING < 1" IN DIAMETER AND 1" THICK INSULATION ON PIPING BETWEEN 1" AND 1-1/2" IN DIAMETER. PIPE INSULATION SHALL NOT EXCEED 25/50 FLAME-SMOKE RATINGS]. ALL CONDENSATE DRAIN LINES SHALL BE CONFIGURED TO PERMIT THE CLEARING OF BLOCKAGES AND PERFORMANCE OF MAINTENANCE WITHOUT REQUIRING THE DRAIN LINE TO BE CUT. FOR CONDENSATE PUMPS LOCATED IN UNINHABITABLE SPACES (I.E. ATTICS AND CRAWL SPACES), PROVIDE

LINE, OR IN THE EQUIPMENT-SUPPLIED DRAIN PAN (LOCATED AT A POINT HIGHER THAN THE PRIMARY DRAIN LINE CONNECTION AND BELOW THE OVERFLOW RIM OF THE PAN) THAT WILL SHUT DOWN THE UNIT WHEN

A.FURNISH AND INSTALL HOT-DIPPED GALVANIZED STEEL FASTENERS, HANGERS, ANCHORS, RODS, STRAPS,

A.THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL CONTROL WIRING NECESSARY FOR THE COMPLETE AND PROPER OPERATING TEMPERATURE CONTROL SYSTEM. PROGRAMMABLE THERMOSTATS SHALL BE

A.MECHANICAL CONTRACTOR IS RESPONSIBLE TO ADJUST SPEED TAPS ON FURNACE BLOWER MOTOR. REFERENCE THE FAN PERFORMANCE CHART IN THE EQUIPMENT PRODUCT DATA FOR CORRECT SETTING

•E-X: EXHAUST FAN SHALL RUN ON A CONDENSATION SENSOR SWITCH (FURNISHED BY THE

•HEATING MODE - INDOOR FURNACES SHALL BE CONTROLLED FROM A THERMOSTAT IN THE SPACE. WHEN THE THERMOSTAT CALLS FOR HEATING THE FAN SHALL RUN AND THE GAS FIRED HEAT EXCHANGER SHALL FIRE TO MAINTAIN TEMPERATURE SETPOINT. WHEN THE SETPOINT IS REACHED

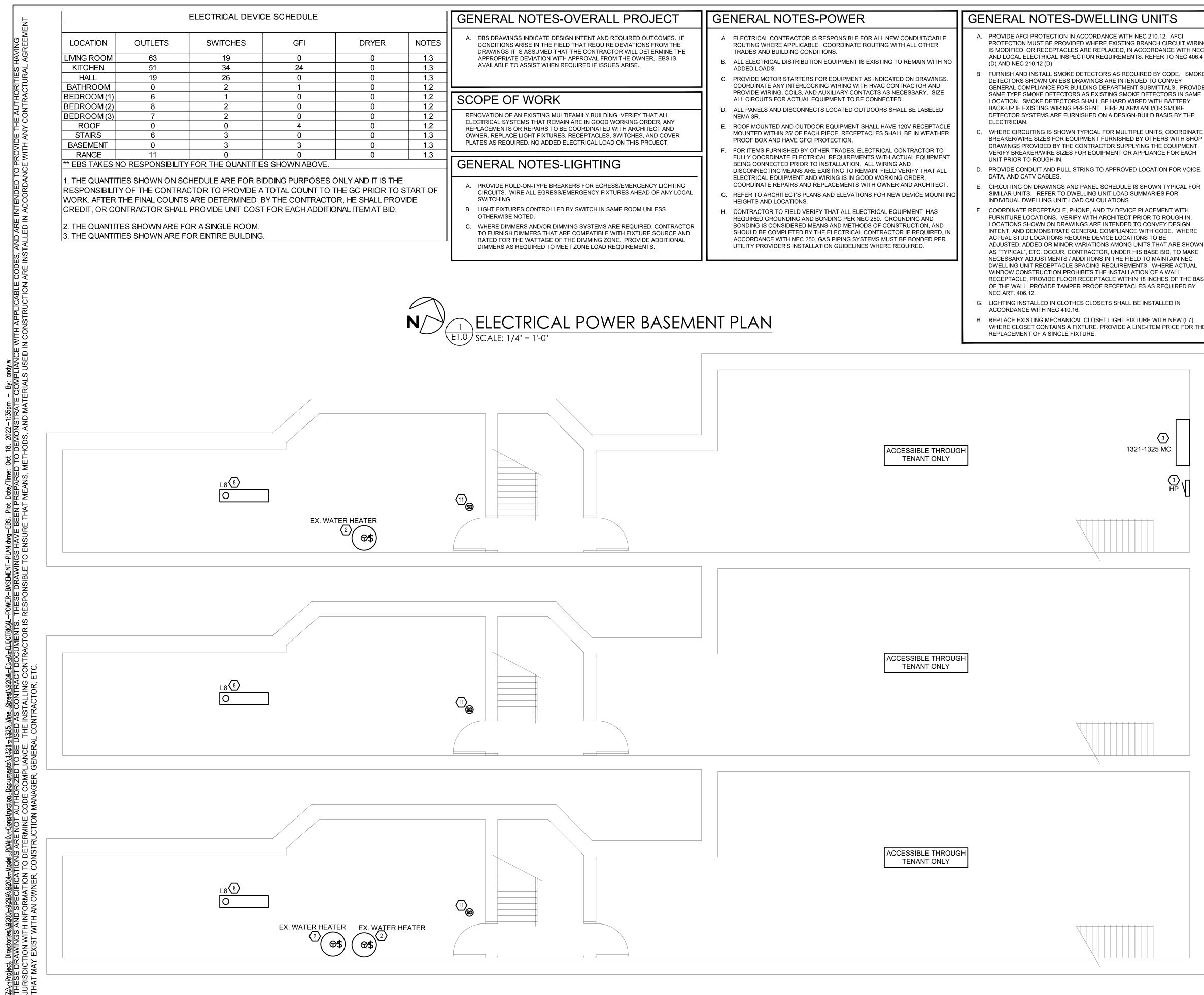
ENGAGE, THE FURNACE FAN SHALL RUN, AND THE DX COOLING COIL SHALL COOL THE AIR TO MAINTAIN

AFUE	HTG CAP IN BTUH	HEATING CAP BTUH	CFM	ESP	HP	MCA	MOCP	WEIGHT	NOTES
96%	40,000	39,000	884	0.5	.50	9.7	15	120	1-2
96%	40,000	39,000	865	0.5	.50	9.7	15	120	1-2
96%	60,000	58,000	1023	0.5	.50	9.8	15	129	1-2
96%	60,000	58,000	1204	0.5	.75	12.9	15	139	1-2
96%	60,000	58,000	1247	0.5	.75	12.9	15	139	1-2
96%	60,000	58,000	1232	0.5	.75	12.9	15	139	1-2
96%	40,000	39,000	595	0.5	.50	9.7	15	120	1-2
96%	40,000	39,000	555	0.5	.50	9.7	15	120	1-2

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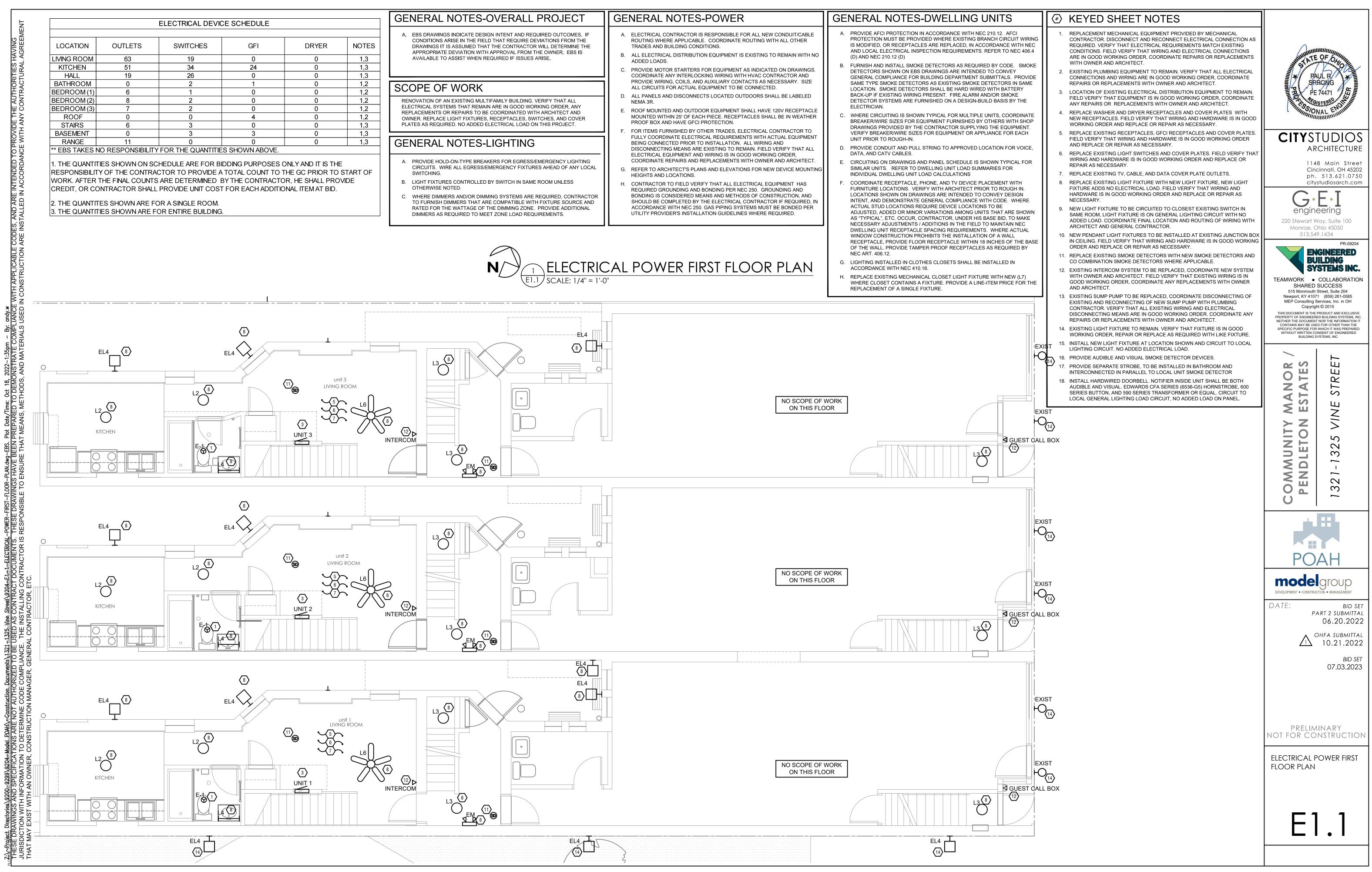
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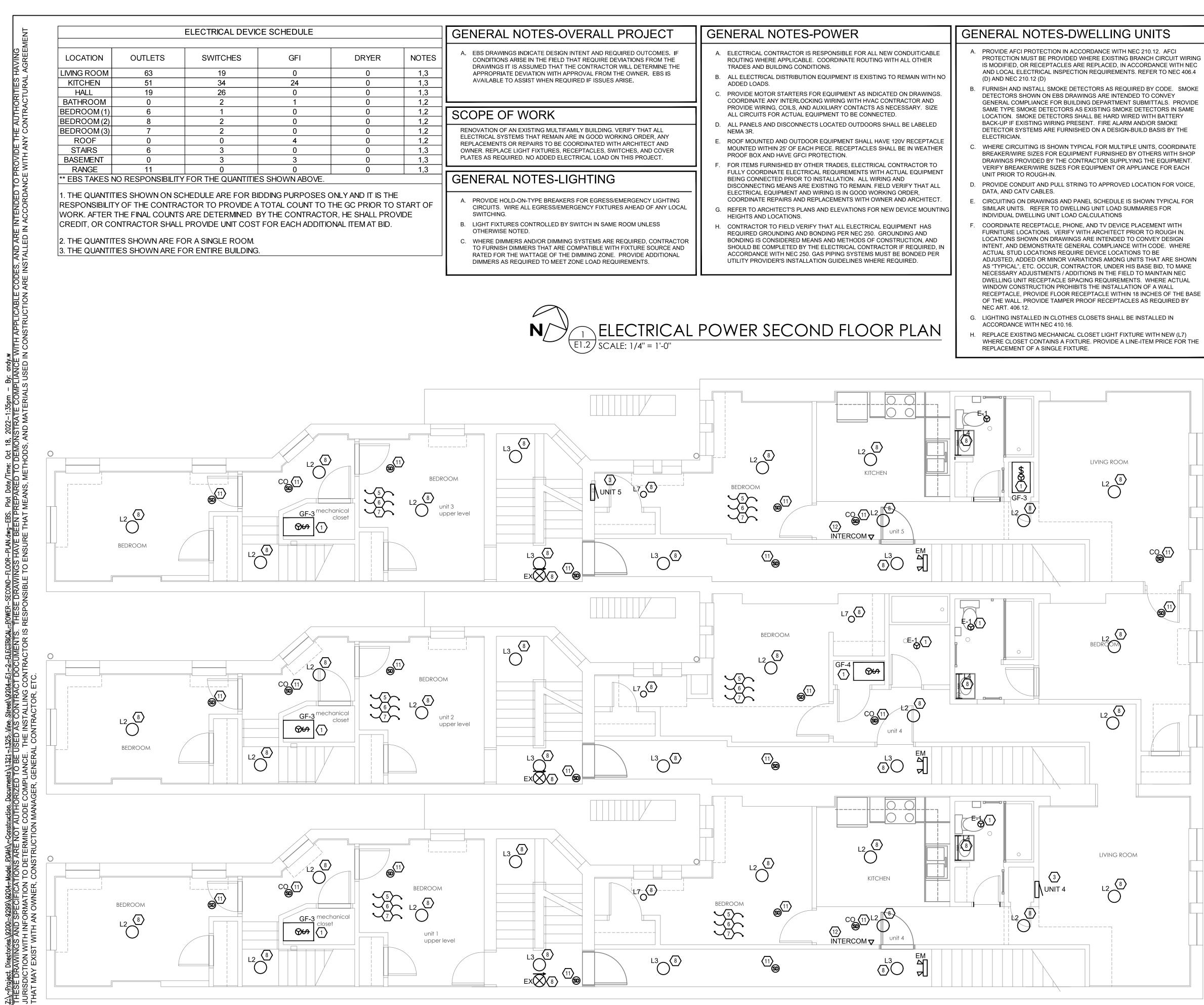


- PROTECTION MUST BE PROVIDED WHERE EXISTING BRANCH CIRCUIT WIRING IS MODIFIED, OR RECEPTACLES ARE REPLACED, IN ACCORDANCE WITH NEC AND LOCAL ELECTRICAL INSPECTION REQUIREMENTS. REFER TO NEC 406.4
- B. FURNISH AND INSTALL SMOKE DETECTORS AS REQUIRED BY CODE. SMOKE GENERAL COMPLIANCE FOR BUILDING DEPARTMENT SUBMITTALS. PROVIDE SAME TYPE SMOKE DETECTORS AS EXISTING SMOKE DETECTORS IN SAME LOCATION. SMOKE DETECTORS SHALL BE HARD WIRED WITH BATTERY DETECTOR SYSTEMS ARE FURNISHED ON A DESIGN-BUILD BASIS BY THE
- WHERE CIRCUITING IS SHOWN TYPICAL FOR MULTIPLE UNITS, COORDINATE BREAKER/WIRE SIZES FOR EQUIPMENT FURNISHED BY OTHERS WITH SHOP DRAWINGS PROVIDED BY THE CONTRACTOR SUPPLYING THE EQUIPMENT. VERIFY BREAKER/WIRE SIZES FOR EQUIPMENT OR APPLIANCE FOR EACH
- PROVIDE CONDUIT AND PULL STRING TO APPROVED LOCATION FOR VOICE,
- COORDINATE RECEPTACLE, PHONE, AND TV DEVICE PLACEMENT WITH FURNITURE LOCATIONS. VERIFY WITH ARCHITECT PRIOR TO ROUGH IN. LOCATIONS SHOWN ON DRAWINGS ARE INTENDED TO CONVEY DESIGN INTENT, AND DEMONSTRATE GENERAL COMPLIANCE WITH CODE. WHERE ADJUSTED, ADDED OR MINOR VARIATIONS AMONG UNITS THAT ARE SHOWN AS "TYPICAL", ETC. OCCUR, CONTRACTOR, UNDER HIS BASE BID, TO MAKE NECESSARY ADJUSTMENTS / ADDITIONS IN THE FIELD TO MAINTAIN NEC DWELLING UNIT RECEPTACLE SPACING REQUIREMENTS. WHERE ACTUAL RECEPTACLE, PROVIDE FLOOR RECEPTACLE WITHIN 18 INCHES OF THE BASE OF THE WALL. PROVIDE TAMPER PROOF RECEPTACLES AS REQUIRED BY
- WHERE CLOSET CONTAINS A FIXTURE. PROVIDE A LINE-ITEM PRICE FOR THE

	$\rangle$	KEYED SHEET NOTES	
	2. 3.	CONTRACTOR. DISCONNECT AND RECONNECT ELECTRICAL CONNECTION AS REQUIRED. VERIFY THAT ELECTRICAL REQUIREMENTS MATCH EXISTING CONDITIONS. FIELD VERIFY THAT WIRING AND ELECTRICAL CONNECTIONS ARE IN GOOD WORKING ORDER, COORDINATE REPAIRS OR REPLACEMENTS WITH OWNER AND ARCHITECT. EXISTING PLUMBING EQUIPMENT TO REMAIN. VERIFY THAT ALL ELECTRICAL CONNECTIONS AND WIRING ARE IN GOOD WORKING ORDER, COORDINATE REPAIRS OR REPLACEMENTS WITH OWNER AND ARCHITECT. LOCATION OF EXISTING ELECTRICAL DISTRIBUTION EQUIPMENT TO REMAIN. FIELD VERIFY THAT EQUIPMENT IS IN GOOD WORKING ORDER, COORDINATE ANY REPAIRS OR REPLACEMENTS WITH OWNER AND ARCHITECT.	PAUL R SPRONG PR PE 74471
	4.	NEW RECEPTACLES. FIELD VERIFY THAT WIRING AND HARDWARE IS IN GOOD	
	5.	FIELD VERIFY THAT WIRING AND HARDWARE IS IN GOOD WORKING ORDER	
		WIRING AND HARDWARE IS IN GOOD WORKING ORDER AND REPLACE OR REPAIR AS NECESSARY.	Cincinnati, OH 45202 ph. 513.621.0750
		FIXTURE ADDS NO ELECTRICAL LOAD. FIELD VERIFY THAT WIRING AND HARDWARE IS IN GOOD WORKING ORDER AND REPLACE OR REPAIR AS NECESSARY. NEW LIGHT FIXTURE TO BE CIRCUITED TO CLOSEST EXISTING SWITCH IN	G·E·I engineering
	10.	ADDED LOAD. COORDINATE FINAL LOCATION AND ROUTING OF WIRING WITH ARCHITECT AND GENERAL CONTRACTOR. NEW PENDANT LIGHT FIXTURES TO BE INSTALLED AT EXISTING JUNCTION BOX	Monroe, Ohio 45050 513.549.1434
	11.	REPLACE EXISTING SMOKE DETECTORS WITH NEW SMOKE DETECTORS AND	ENGINEERED BUILDING
	12.	EXISTING INTERCOM SYSTEM TO BE REPLACED, COORDINATE NEW SYSTEM WITH OWNER AND ARCHITECT. FIELD VERIFY THAT EXISTING WIRING IS IN GOOD WORKING ORDER, COORDINATE ANY REPLACEMENTS WITH OWNER	TEAMWORK • COLLABORATION SHARED SUCCESS
14. EXERTING LIGHT FRATURE TO REMAIN. VERIFY THAT FRATURE IS IN 6000 WORKING ORDER. REPARK OR RELACE AS REQUIRED WITH LIGE FOR FOLLOW         15. INSTALL AND LIGHT FRATURE AT LIGCATION SHOWN AND ENCLUTTO LIGCAL LIGHTNO CONDERLAGE AS RECEPTION DEVICES.         16. INSTALL AND WISUAL SMOKE DETECTOR DEVICES.         17. INSTALL AND WISUAL EDVARIES TO BE INSTALED BE ARTHROOM AND INSTRUCTION IN ADDREE AND INFORMATION AND INSTRUCTION IN ADDREE TO BE INSTALED AND IN THIS INFORMATION AND INSTRUCTION INFORMED CORPUTINE IN SHALL BE BOTH ADDREE AND INFORMATION AND ADDREE INFORMATION AND INSTRUCTION INFORMED CORPUTINE AND INFORMATION AND INSTRUCTION INFORMED CORPUTINE AND INFORMATION AND INSTRUCTION ADDREE AND INFORMATION AND INSTRUCTION INFORMED CORPUTINE AND INFORMATION AND INSTRUCTION ADDREE AND INFORMATION AND INFORMATION AND INSTRUCTION ADDREE AND INFORMATION AND INFORMATION AND INFORMED ADDREE AND INFORMATION AND INFORMATION AND INFORMED ADDREE AND INFORMATION AND INFORMATION AND INFORMED ADDREE AND INFORMATION AND INFORMED ADDREE INFORMATION AND INFORMATION AND INFORMATION AND IN		EXISTING SUMP PUMP TO BE REPLACED, COORDINATE DISCONNECTING OF EXISTING AND RECONNECTING OF NEW SUMP PUMP WITH PLUMBING CONTRACTOR. VERIFY THAT ALL EXISTING WIRING AND ELECTRICAL DISCONNECTING MEANS ARE IN GOOD WORKING ORDER. COORDINATE ANY REPAIRS OR REPLACEMENTS WITH OWNER AND ARCHITECT.	Newport, KY 41071 (859) 261-0585 MEP Consulting Services, Inc. in OH Copyright © 2015 THIS DOCUMENT IS THE PRODUCT AND EXCLUSIVE PROPERTY OF ENGINEERED BUILDING SYSTEMS, INC. NEITHER THE DOCUMENT NOR THE INFORMATION IT CONTAINS MAY BE USED FOR OTHER THAN THE
LIGHTING CIRCUT. NA DADEE LECTRICAL LOAD. IP PROVIDE SUBLE KAN USUAL BACKE DETECTOR BUVICES 17. PROVIDE SUBLE KAN USUAL BACKE DETECTOR DE NUTRIALED NARCE DETECTOR 18. INSTALL MARDWIRE DOORBELL NOTFIEN NIGE CUNT SHALL BE BOTH AUDIEL AND USUAL EDVARGE STARSFORMER OF EQUAL. CIRCUT TO LOCAL GENERAL LIGHTING LOAD CIRCUT, NO ADDED LOAD ON PANEL. 10. STATUS 10. S		WORKING ORDER, REPAIR OR REPLACE AS REQUIRED WITH LIKE FIXTURE.	WITHOUT WRITTEN CONSENT OF ENGINEERED
17. PROVIDE SEPARATE STROBE, TO BE INSTALLED IN BATHROOM AND INTERCONNECTED IN PRACLUE TO LOCAL UNIT IN SOME DETECTOR 18. INSTALL INADOWED DOORBELL NOTTHER INSDE UNIT SHALL BE BOTH AUBBLE AND VISUAL EDWARDS CFA SENES (SIGNE) HONSTROBE 500 SENES BUTTON, AND SENES TRANSFORMER OR EQUAL CRCUIT TO LOCAL GENERAL LICHTING LOAD CIRCUIT, NO ADDED LOAD ON FAMEL DOT FOR CONSTRUCTION AUBBLE AND THE STROBE, TO BE STROBE, TO BE STROBE STROBE SO SENES BUTTON, AND SENES TRANSFORMER OR EQUAL CRCUIT TO LOCAL GENERAL LICHTING LOAD CIRCUIT, NO ADDED LOAD ON FAMEL DOT FOR CONSTRUCTION AUBBLE AND THE STROBE, TO BE STROBE, TO BE STROBE POACH DOT FOR CONSTRUCTION DATE: PART 2 SUBMITIVA OG 20.2.0222 DOT FOR CONSTRUCTION DATE: PRELIMINARY NOT FOR CONSTRUCTION ELECTRICAL POWER BASEMENT PLAN		LIGHTING CIRCUIT. NO ADDED ELECTRICAL LOAD.	
LICCAL GENERAL LIGHTING LOAD CIRCUIT, NO ADDED LOAD ON PANEL.	17.		
SEE       SEE         SEE	18.	AUDIBLE AND VISUAL. EDWARDS CFA SERIES (6536-G5) HORNSTROBE, 600 SERIES BUTTON, AND 590 SERIES TRANSFORMER OR EQUAL. CIRCUIT TO	
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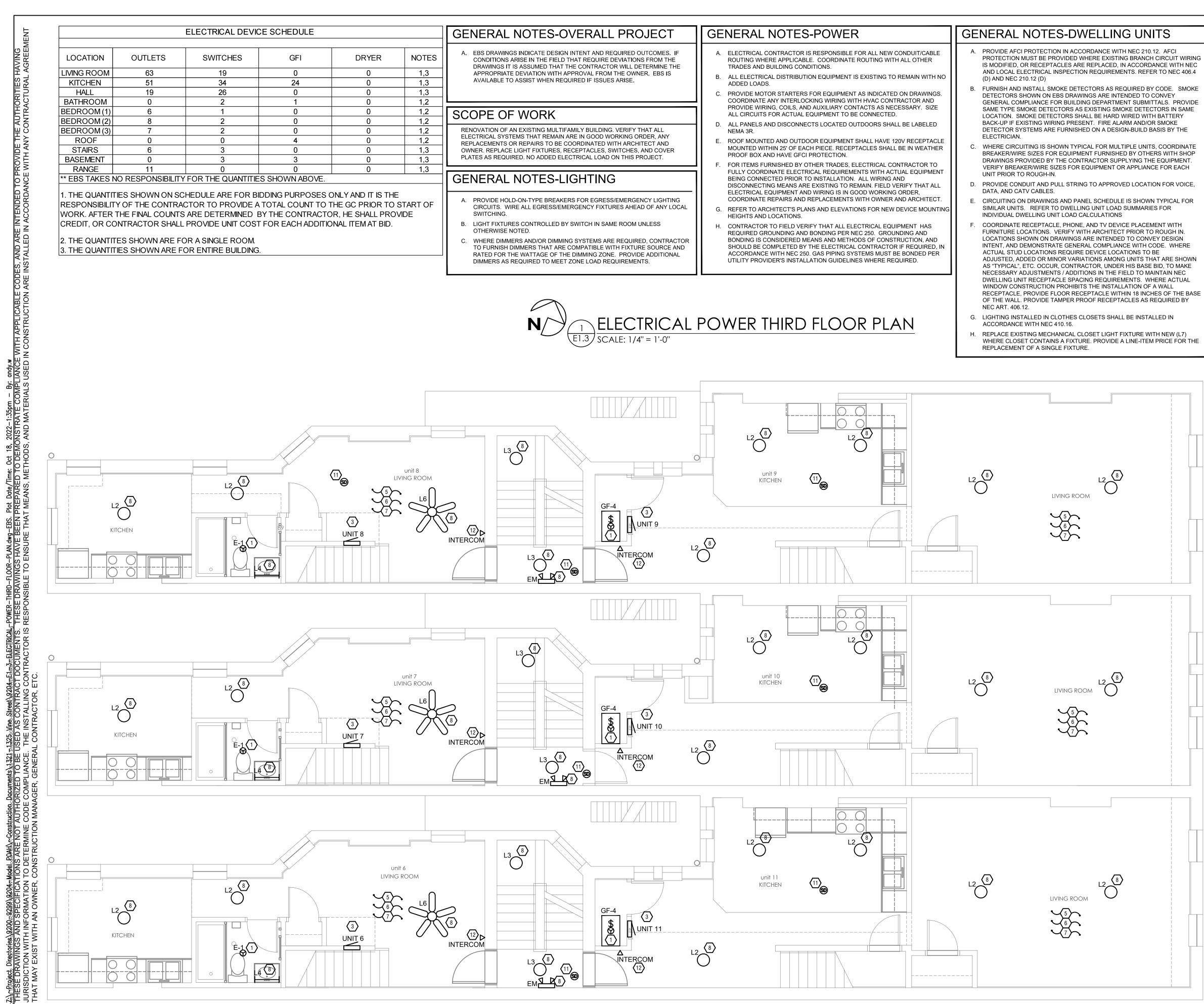


18, 2022 MONST



- WHERE CLOSET CONTAINS A FIXTURE. PROVIDE A LINE-ITEM PRICE FOR THE

<i>(#</i>	KEYED SHEET NOTES		
1. 2. 3. 4.	REPLACEMENT MECHANICAL EQUIPMENT PROVIDED BY MECHANICAL CONTRACTOR. DISCONNECT AND RECONNECT ELECTRICAL CONNECTION AS REQUIRED. VERIFY THAT ELECTRICAL REQUIREMENTS MATCH EXISTING CONDITIONS. FIELD VERIFY THAT WIRING AND ELECTRICAL CONNECTIONS ARE IN GOOD WORKING ORDER, COORDINATE REPAIRS OR REPLACEMENTS WITH OWNER AND ARCHITECT. EXISTING PLUMBING EQUIPMENT TO REMAIN. VERIFY THAT ALL ELECTRICAL CONNECTIONS AND WIRING ARE IN GOOD WORKING ORDER, COORDINATE REPAIRS OR REPLACEMENTS WITH OWNER AND ARCHITECT. LOCATION OF EXISTING ELECTRICAL DISTRIBUTION EQUIPMENT TO REMAIN. FIELD VERIFY THAT EQUIPMENT IS IN GOOD WORKING ORDER, COORDINATE ANY REPAIRS OR REPLACEMENTS WITH OWNER AND ARCHITECT. REPLACE WASHER AND DRYER RECEPTACLES AND COVER PLATES WITH NEW RECEPTACLES. FIELD VERIFY THAT WIRING AND HARDWARE IS IN GOOD	PROTISSION	OF OH
5.	WORKING ORDER AND REPLACE OR REPAIR AS NECESSARY. REPLACE EXISTING RECEPTACLES, GFCI RECEPTACLES AND COVER PLATES. FIELD VERIFY THAT WIRING AND HARDWARE IS IN GOOD WORKING ORDER AND REPLACE OR REPAIR AS NECESSARY.		TUDIOS CHITECTURE
6. 7.	REPLACE EXISTING LIGHT SWITCHES AND COVER PLATES. FIELD VERIFY THAT WIRING AND HARDWARE IS IN GOOD WORKING ORDER AND REPLACE OR REPAIR AS NECESSARY. REPLACE EXISTING TV, CABLE, AND DATA COVER PLATE OUTLETS.	Cino ph.	8 Main Street cinnati, OH 45202 513.621.0750 studiosarch.com
8.	REPLACE EXISTING LIGHT FIXTURE WITH NEW LIGHT FIXTURE, NEW LIGHT FIXTURE ADDS NO ELECTRICAL LOAD. FIELD VERIFY THAT WIRING AND HARDWARE IS IN GOOD WORKING ORDER AND REPLACE OR REPAIR AS NECESSARY.	G	E·I
9.	NEW LIGHT FIXTURE TO BE CIRCUITED TO CLOSEST EXISTING SWITCH IN SAME ROOM, LIGHT FIXTURE IS ON GENERAL LIGHTING CIRCUIT WITH NO ADDED LOAD. COORDINATE FINAL LOCATION AND ROUTING OF WIRING WITH ARCHITECT AND GENERAL CONTRACTOR.	220 Stewart V Monroe, C 513.54	Dhio 45050
	NEW PENDANT LIGHT FIXTURES TO BE INSTALLED AT EXISTING JUNCTION BOX IN CEILING. FIELD VERIFY THAT WIRING AND HARDWARE IS IN GOOD WORKING ORDER AND REPLACE OR REPAIR AS NECESSARY. REPLACE EXISTING SMOKE DETECTORS WITH NEW SMOKE DETECTORS AND		PR-09204 GINEERED ILDING
	CO COMBINATION SMOKE DETECTORS WHERE APPLICABLE. EXISTING INTERCOM SYSTEM TO BE REPLACED, COORDINATE NEW SYSTEM WITH OWNER AND ARCHITECT. FIELD VERIFY THAT EXISTING WIRING IS IN GOOD WORKING ORDER, COORDINATE ANY REPLACEMENTS WITH OWNER	SHARED	STEMS INC. COLLABORATION SUCCESS Street. Suite 204
	AND ARCHITECT. EXISTING SUMP PUMP TO BE REPLACED, COORDINATE DISCONNECTING OF EXISTING AND RECONNECTING OF NEW SUMP PUMP WITH PLUMBING CONTRACTOR. VERIFY THAT ALL EXISTING WIRING AND ELECTRICAL DISCONNECTING MEANS ARE IN GOOD WORKING ORDER. COORDINATE ANY REPAIRS OR REPLACEMENTS WITH OWNER AND ARCHITECT. EXISTING LIGHT FIXTURE TO REMAIN. VERIFY THAT FIXTURE IS IN GOOD	Newport, KY 4107 MEP Consulting S Copyrigh THIS DOCUMENT IS THE PROPERTY OF ENGINEER NEITHER THE DOCUMENT CONTAINS MAY BE USS SPECIFIC PURPOSE FOR WITHOUT WRITTEN CC	1 (859) 261-0585 Services, Inc. in OH ht © 2015 PRODUCT AND EXCLUSIVE ED BUILDING SYSTEMS, INC. I NOR THE INFORMATION IT ED FOR OTHER THAN THE WHICH IT WAS PREPARED INSENT OF ENGINEERED YSTEMS, INC.
15.	WORKING ORDER, REPAIR OR REPLACE AS REQUIRED WITH LIKE FIXTURE. INSTALL NEW LIGHT FIXTURE AT LOCATION SHOWN AND CIRCUIT TO LOCAL LIGHTING CIRCUIT. NO ADDED ELECTRICAL LOAD.		L
17.	PROVIDE AUDIBLE AND VISUAL SMOKE DETECTOR DEVICES. PROVIDE SEPARATE STROBE, TO BE INSTALLED IN BATHROOM AND INTERCONNECTED IN PARALLEL TO LOCAL UNIT SMOKE DETECTOR INSTALL HARDWIRED DOORBELL. NOTIFIER INSIDE UNIT SHALL BE BOTH AUDIBLE AND VISUAL. EDWARDS CFA SERIES (6536-G5) HORNSTROBE, 600 SERIES BUTTON, AND 590 SERIES TRANSFORMER OR EQUAL. CIRCUIT TO LOCAL GENERAL LIGHTING LOAD CIRCUIT, NO ADDED LOAD ON PANEL.	MANOR ESTATES	VINE STREE
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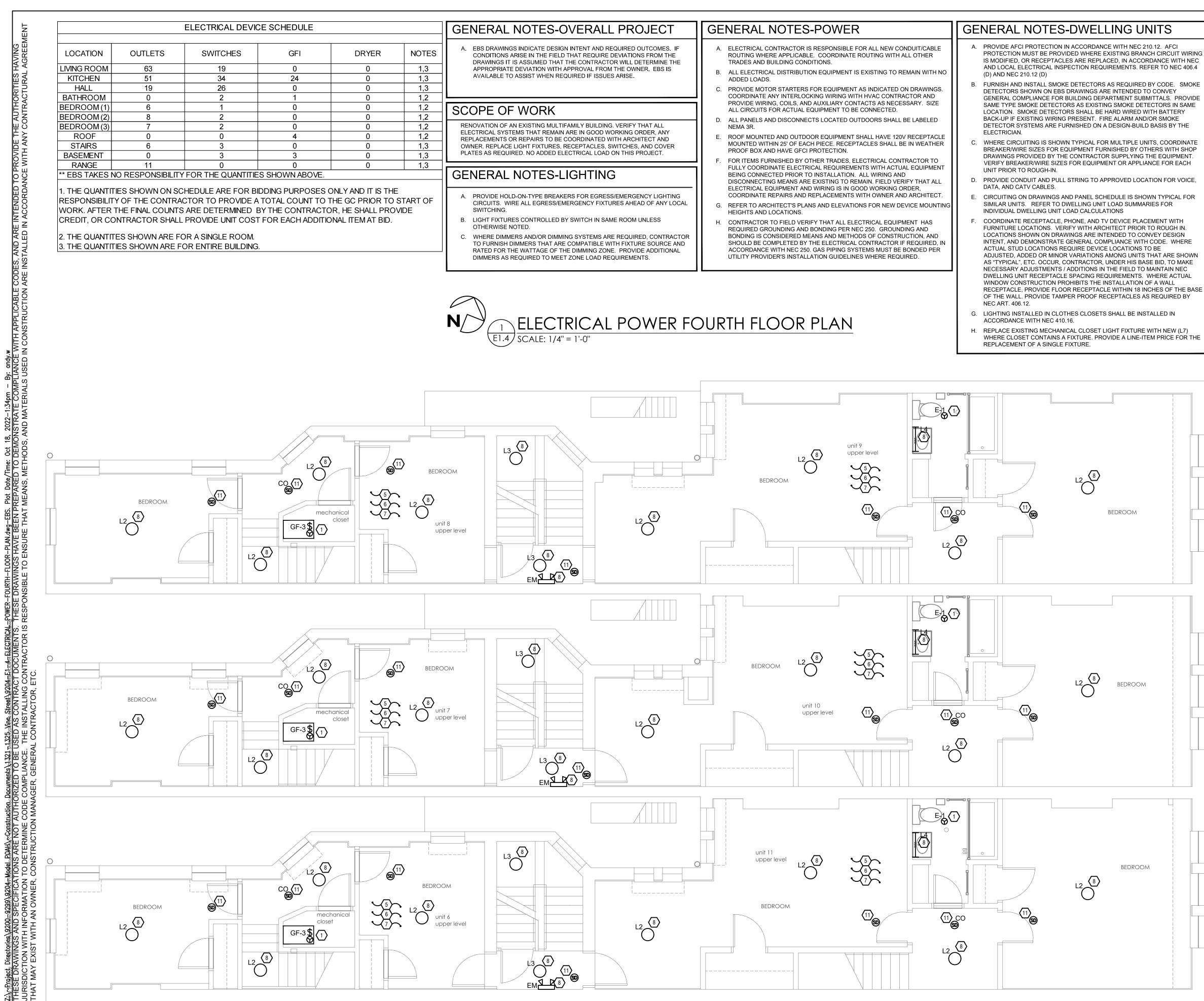


CODES, ARE INS⁻ Date/Time: Oct 18, 2022-1:35pm - By: andy.w EPARED TO DEMONSTRATE COMPLIANCE WITH APPL = aNS METHODS, AND MATERIALS USED IN CONSTRI )-FLOOR-PLAN.dwg-EBS. Plot D AWINGS HAVE BEEN PREP 3LE TO ENSURE THAT ME/

ERALL PROJECT	GENERAL NOTES-POWER	GENERAL NOTES-DWELLING UNITS
ENT AND REQUIRED OUTCOMES. IF T REQUIRE DEVIATIONS FROM THE CONTRACTOR WILL DETERMINE THE OVAL FROM THE OWNER. EBS IS ED IF ISSUES ARISE.	<ul> <li>A. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL NEW CONDUIT/CABLE ROUTING WHERE APPLICABLE. COORDINATE ROUTING WITH ALL OTHER TRADES AND BUILDING CONDITIONS.</li> <li>B. ALL ELECTRICAL DISTRIBUTION EQUIPMENT IS EXISTING TO REMAIN WITH NO ADDED LOADS.</li> </ul>	A. PROVIDE AFCI PROTECTION IN ACCORDANCE WITH NEC 210.12. AFCI PROTECTION MUST BE PROVIDED WHERE EXISTING BRANCH CIRCUIT WIRI IS MODIFIED, OR RECEPTACLES ARE REPLACED, IN ACCORDANCE WITH NE AND LOCAL ELECTRICAL INSPECTION REQUIREMENTS. REFER TO NEC 406. (D) AND NEC 210.12 (D)
	ADDED LOADS. C. PROVIDE MOTOR STARTERS FOR EQUIPMENT AS INDICATED ON DRAWINGS. COORDINATE ANY INTERLOCKING WIRING WITH HVAC CONTRACTOR AND PROVIDE WIRING, COILS, AND AUXILIARY CONTACTS AS NECESSARY. SIZE ALL CIRCUITS FOR ACTUAL EQUIPMENT TO BE CONNECTED.	B. FURNISH AND INSTALL SMOKE DETECTORS AS REQUIRED BY CODE. SMOU DETECTORS SHOWN ON EBS DRAWINGS ARE INTENDED TO CONVEY GENERAL COMPLIANCE FOR BUILDING DEPARTMENT SUBMITTALS. PROVID SAME TYPE SMOKE DETECTORS AS EXISTING SMOKE DETECTORS IN SAME LOCATION. SMOKE DETECTORS SHALL BE HARD WIRED WITH BATTERY
	D. ALL PANELS AND DISCONNECTS LOCATED OUTDOORS SHALL BE LABELED NEMA 3R.	BACK-UP IF EXISTING WIRING PRESENT. FIRE ALARM AND/OR SMOKE DETECTOR SYSTEMS ARE FURNISHED ON A DESIGN-BUILD BASIS BY THE
IN GOOD WORKING ORDER, ANY RDINATED WITH ARCHITECT AND PTACLES, SWITCHES, AND COVER RICAL LOAD ON THIS PROJECT.	E. ROOF MOUNTED AND OUTDOOR EQUIPMENT SHALL HAVE 120V RECEPTACLE MOUNTED WITHIN 25' OF EACH PIECE. RECEPTACLES SHALL BE IN WEATHER PROOF BOX AND HAVE GFCI PROTECTION.	ELECTRICIAN. C. WHERE CIRCUITING IS SHOWN TYPICAL FOR MULTIPLE UNITS, COORDINAT BREAKER/WIRE SIZES FOR EQUIPMENT FURNISHED BY OTHERS WITH SHOU
HTING	F. FOR ITEMS FURNISHED BY OTHER TRADES, ELECTRICAL CONTRACTOR TO FULLY COORDINATE ELECTRICAL REQUIREMENTS WITH ACTUAL EQUIPMENT BEING CONNECTED PRIOR TO INSTALLATION. ALL WIRING AND	DRAWINGS PROVIDED BY THE CONTRACTOR SUPPLYING THE EQUIPMENT. VERIFY BREAKER/WIRE SIZES FOR EQUIPMENT OR APPLIANCE FOR EACH UNIT PRIOR TO ROUGH-IN.
	DISCONNECTED PRIOR TO INSTALLATION. ALL WIRING AND DISCONNECTING MEANS ARE EXISTING TO REMAIN. FIELD VERIFY THAT ALL ELECTRICAL EQUIPMENT AND WIRING IS IN GOOD WORKING ORDER.	D. PROVIDE CONDUIT AND PULL STRING TO APPROVED LOCATION FOR VOICE DATA, AND CATV CABLES.
FOR EGRESS/EMERGENCY LIGHTING ENCY FIXTURES AHEAD OF ANY LOCAL	COORDINATE REPAIRS AND REPLACEMENTS WITH OWNER AND ARCHITECT. G. REFER TO ARCHITECT'S PLANS AND ELEVATIONS FOR NEW DEVICE MOUNTING HEIGHTS AND LOCATIONS.	E. CIRCUITING ON DRAWINGS AND PANEL SCHEDULE IS SHOWN TYPICAL FOR SIMILAR UNITS. REFER TO DWELLING UNIT LOAD SUMMARIES FOR INDIVIDUAL DWELLING UNIT LOAD CALCULATIONS
ITCH IN SAME ROOM UNLESS	H. CONTRACTOR TO FIELD VERIFY THAT ALL ELECTRICAL EQUIPMENT HAS REQUIRED GROUNDING AND BONDING PER NEC 250. GROUNDING AND BONDING IS CONSIDERED MEANS AND METHODS OF CONSTRUCTION, AND	F. COORDINATE RECEPTACLE, PHONE, AND TV DEVICE PLACEMENT WITH FURNITURE LOCATIONS. VERIFY WITH ARCHITECT PRIOR TO ROUGH IN. LOCATIONS SHOWN ON DRAWINGS ARE INTENDED TO CONVEY DESIGN
MPATIBLE WITH FIXTURE SOURCE AND MMING ZONE. PROVIDE ADDITIONAL NE LOAD REQUIREMENTS.	SHOULD BE COMPLETED BY THE ELECTRICAL CONTRACTOR IF REQUIRED, IN ACCORDANCE WITH NEC 250. GAS PIPING SYSTEMS MUST BE BONDED PER UTILITY PROVIDER'S INSTALLATION GUIDELINES WHERE REQUIRED.	INTENT, AND DEMONSTRATE GENERAL COMPLIANCE WITH CODE. WHERE ACTUAL STUD LOCATIONS REQUIRE DEVICE LOCATIONS TO BE ADJUSTED, ADDED OR MINOR VARIATIONS AMONG UNITS THAT ARE SHOW AS "TYPICAL", ETC. OCCUR, CONTRACTOR, UNDER HIS BASE BID, TO MAKE NECESSARY AD ULSTMENTS (ADDITIONS IN THE FIELD TO MAINTAIN NEC

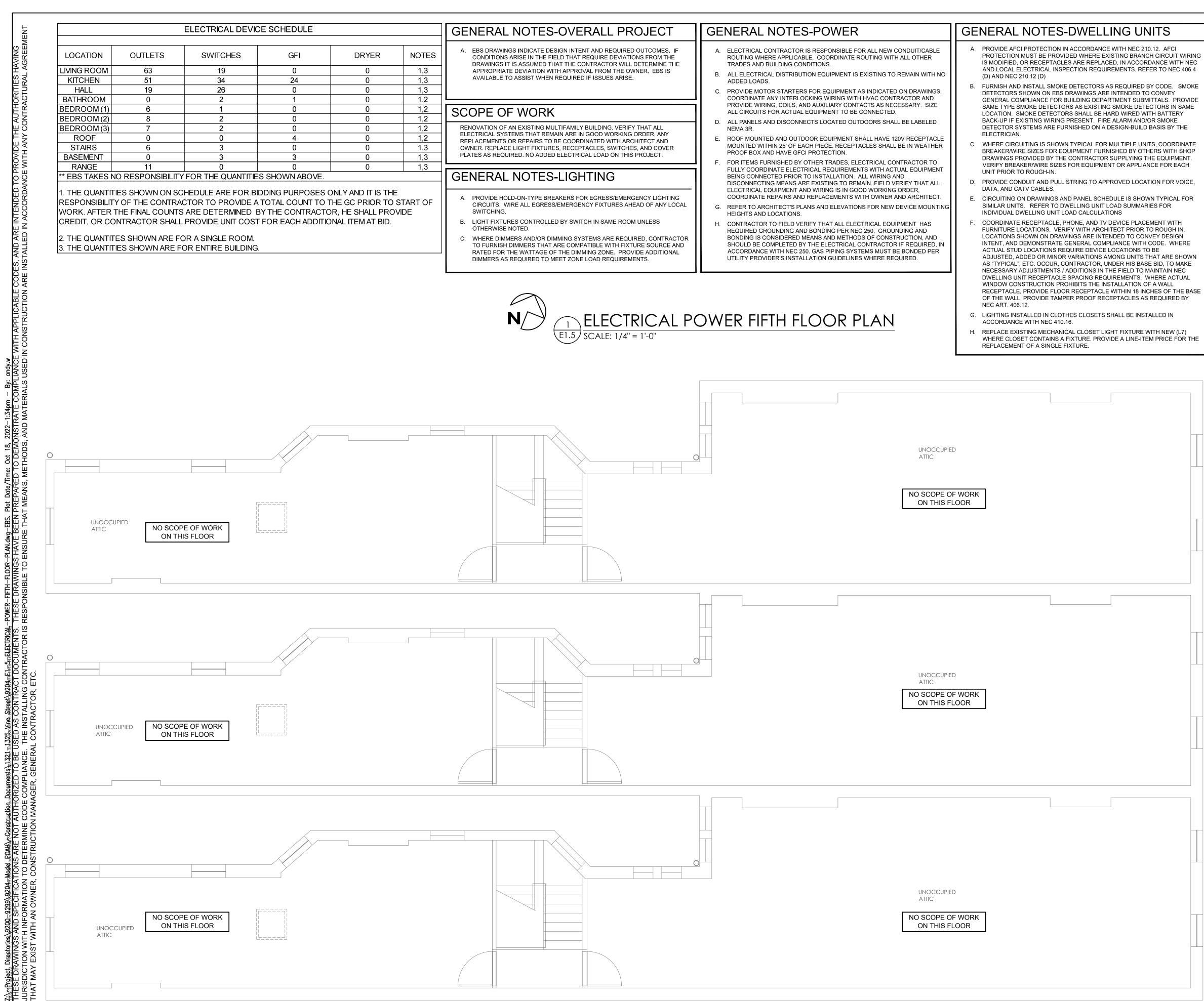
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- DWN NECESSARY ADJUSTMENTS / ADDITIONS IN THE FIELD TO MAINTAIN NEC DWELLING UNIT RECEPTACLE SPACING REQUIREMENTS. WHERE ACTUAL RECEPTACLE, PROVIDE FLOOR RECEPTACLE WITHIN 18 INCHES OF THE BASE OF THE WALL. PROVIDE TAMPER PROOF RECEPTACLES AS REQUIRED BY
- H. REPLACE EXISTING MECHANICAL CLOSET LIGHT FIXTURE WITH NEW (L7) WHERE CLOSET CONTAINS A FIXTURE. PROVIDE A LINE-ITEM PRICE FOR THE

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9.	HARDWARE IS IN GOOD WORKING ORDER AND REPLACE OR REPAIR AS NECESSARY. NEW LIGHT FIXTURE TO BE CIRCUITED TO CLOSEST EXISTING SWITCH IN SAME ROOM, LIGHT FIXTURE IS ON GENERAL LIGHTING CIRCUIT WITH NO ADDED LOAD. COORDINATE FINAL LOCATION AND ROUTING OF WIRING WITH ARCHITECT AND GENERAL CONTRACTOR.		220 Stewart V Monroe, C	<b>L</b> eering Vay, Suite 100 Dhio 45050 9.1434
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	REPLACE EXISTING SMOKE DETECTORS WITH NEW SMOKE DETECTORS AND CO COMBINATION SMOKE DETECTORS WHERE APPLICABLE.			<b>ILDING STEMS INC.</b>
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	PROVIDE SEPARATE STROBE, TO BE INSTALLED IN BATHROOM AND INTERCONNECTED IN PARALLEL TO LOCAL UNIT SMOKE DETECTOR		10 I	-RE
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	LOCAL GENERAL LIGHTING LOAD CIRCUIT, NO ADDED LOAD ON PANEL.		Σш	VINE
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- CIRCUITING ON DRAWINGS AND PANEL SCHEDULE IS SHOWN TYPICAL FOR FURNITURE LOCATIONS. VERIFY WITH ARCHITECT PRIOR TO ROUGH IN. LOCATIONS SHOWN ON DRAWINGS ARE INTENDED TO CONVEY DESIGN INTENT, AND DEMONSTRATE GENERAL COMPLIANCE WITH CODE. WHERE ADJUSTED, ADDED OR MINOR VARIATIONS AMONG UNITS THAT ARE SHOWN AS "TYPICAL", ETC. OCCUR, CONTRACTOR, UNDER HIS BASE BID, TO MAKE NECESSARY ADJUSTMENTS / ADDITIONS IN THE FIELD TO MAINTAIN NEC
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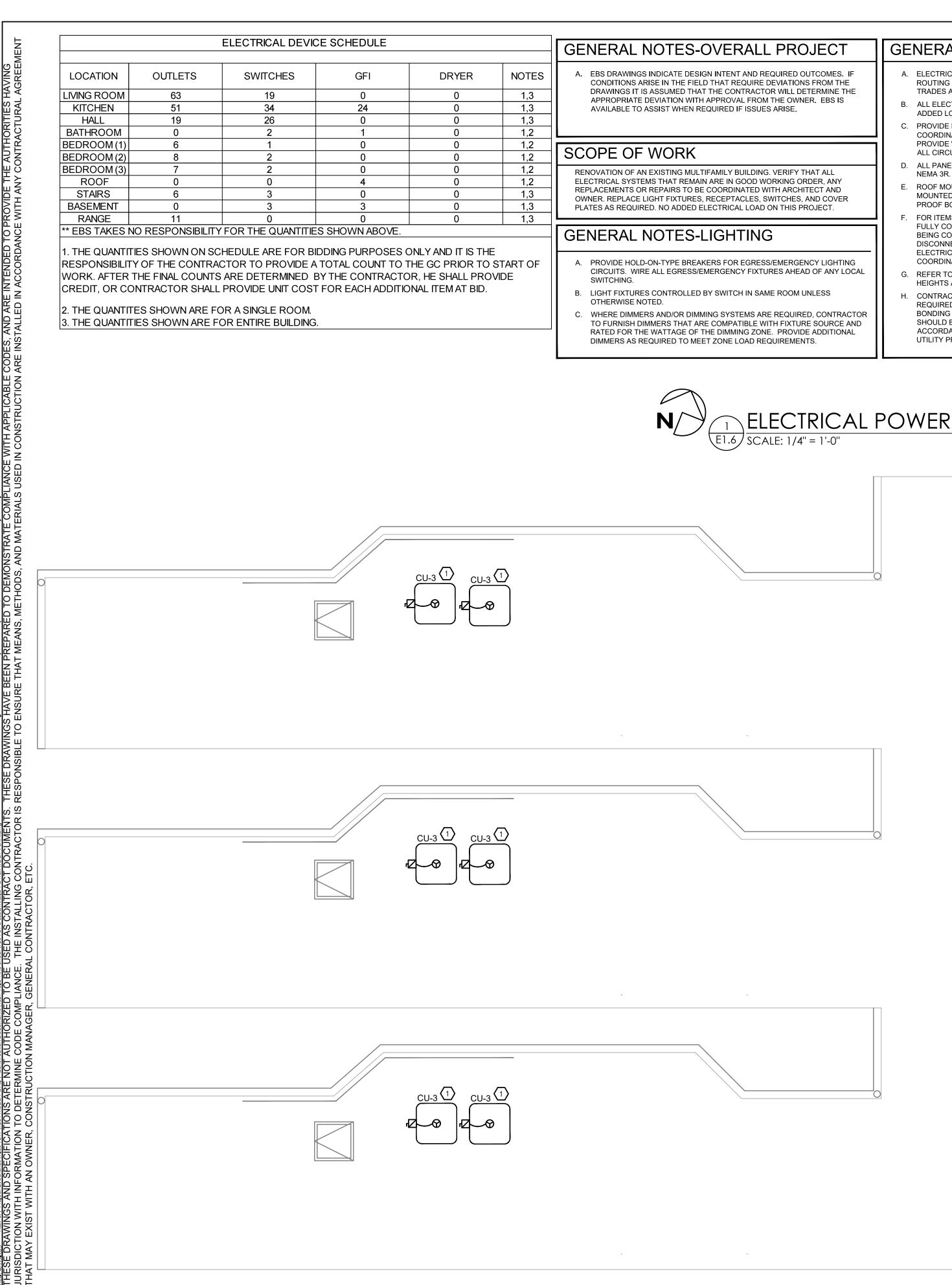
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11.	REPLACE EXISTING SMOKE DETECTORS WITH NEW SMOKE DETECTORS AND CO COMBINATION SMOKE DETECTORS WHERE APPLICABLE.	BU	<b>ULDING</b> STEMS INC.
12.	EXISTING INTERCOM SYSTEM TO BE REPLACED, COORDINATE NEW SYSTEM WITH OWNER AND ARCHITECT. FIELD VERIFY THAT EXISTING WIRING IS IN GOOD WORKING ORDER, COORDINATE ANY REPLACEMENTS WITH OWNER AND ARCHITECT.	SHARED 515 Monmouth Newport, KY 4107	COLLABORATION SUCCESS Street, Suite 204 1 (859) 261-0585
13.	EXISTING SUMP PUMP TO BE REPLACED, COORDINATE DISCONNECTING OF EXISTING AND RECONNECTING OF NEW SUMP PUMP WITH PLUMBING CONTRACTOR. VERIFY THAT ALL EXISTING WIRING AND ELECTRICAL DISCONNECTING MEANS ARE IN GOOD WORKING ORDER. COORDINATE ANY REPAIRS OR REPLACEMENTS WITH OWNER AND ARCHITECT.	MEP Consulting S Copyrigi THIS DOCUMENT IS THE PROPERTY OF ENGINEER NEITHER THE DOCUMENT CONTAINS MAY BE USE	Services, Inc. in OH t © 2015 PRODUCT AND EXCLUSIVE ED BUILDING SYSTEMS, INC. I NOR THE INFORMATION IT ED FOR OTHER THAN THE WHICH IT WAS PREPARED
14.	EXISTING LIGHT FIXTURE TO REMAIN. VERIFY THAT FIXTURE IS IN GOOD WORKING ORDER, REPAIR OR REPLACE AS REQUIRED WITH LIKE FIXTURE.	WITHOUT WRITTEN CO	VISION IN WAS PREPARED DINSENT OF ENGINEERED YSTEMS, INC.
	INSTALL NEW LIGHT FIXTURE AT LOCATION SHOWN AND CIRCUIT TO LOCAL LIGHTING CIRCUIT. NO ADDED ELECTRICAL LOAD.		
	PROVIDE AUDIBLE AND VISUAL SMOKE DETECTOR DEVICES. PROVIDE SEPARATE STROBE, TO BE INSTALLED IN BATHROOM AND INTERCONNECTED IN PARALLEL TO LOCAL UNIT SMOKE DETECTOR	OR TES	REE
18.	INTERCONNECTED IN PARALLEL TO LOCAL UNIT SMOKE DETECTOR INSTALL HARDWIRED DOORBELL. NOTIFIER INSIDE UNIT SHALL BE BOTH AUDIBLE AND VISUAL. EDWARDS CFA SERIES (6536-G5) HORNSTROBE, 600 SERIES BUTTON, AND 590 SERIES TRANSFORMER OR EQUAL. CIRCUIT TO LOCAL GENERAL LIGHTING LOAD CIRCUIT, NO ADDED LOAD ON PANEL.	MAN( ESTA1	VINE STR
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'IDE THE H ANY C( E INTENDE CODES, ARE INS⁻ ute/Time: Oct 18, 2022-1:34pm - By: andy.w ARED TO DEMONSTRATE COMPLIANCE WITH APPL \NS, METHODS, AND MATERIALS USED IN CONSTRI H-FLOOR-PLAN.dwg-EBS. Plot [ AWINGS HAVE BEEN PREF BLE TO ENSURE THAT ME. -POWER-FIFTH-THESE DRAV 

ERALL PROJECT	GENERAL NOTES-POWER	GENERAL NOTES-DWELLING UNITS
ENT AND REQUIRED OUTCOMES. IF T REQUIRE DEVIATIONS FROM THE CONTRACTOR WILL DETERMINE THE OVAL FROM THE OWNER. EBS IS ED IF ISSUES ARISE.	<ul> <li>A. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL NEW CONDUIT/CABLE ROUTING WHERE APPLICABLE. COORDINATE ROUTING WITH ALL OTHER TRADES AND BUILDING CONDITIONS.</li> <li>B. ALL ELECTRICAL DISTRIBUTION EQUIPMENT IS EXISTING TO REMAIN WITH NO ADDED LOADS.</li> <li>C. PROVIDE MOTOR STARTERS FOR EQUIPMENT AS INDICATED ON DRAWINGS. COORDINATE ANY INTERLOCKING WIRING WITH HVAC CONTRACTOR AND PROVIDE WIRING, COILS, AND AUXILIARY CONTACTS AS NECESSARY. SIZE ALL CIRCUITS FOR ACTUAL EQUIPMENT TO BE CONNECTED.</li> <li>D. ALL PANELS AND DISCONNECTS LOCATED OUTDOORS SHALL BE LABELED</li> </ul>	<ul> <li>A. PROVIDE AFCI PROTECTION IN ACCORDANCE WITH NEC 210.12. AFCI PROTECTION MUST BE PROVIDED WHERE EXISTING BRANCH CIRCUIT WIRIT IS MODIFIED, OR RECEPTACLES ARE REPLACED, IN ACCORDANCE WITH NE AND LOCAL ELECTRICAL INSPECTION REQUIREMENTS. REFER TO NEC 406. (D) AND NEC 210.12 (D)</li> <li>B. FURNISH AND INSTALL SMOKE DETECTORS AS REQUIRED BY CODE. SMOKE DETECTORS SHOWN ON EBS DRAWINGS ARE INTENDED TO CONVEY GENERAL COMPLIANCE FOR BUILDING DEPARTMENT SUBMITTALS. PROVID SAME TYPE SMOKE DETECTORS AS EXISTING SMOKE DETECTORS IN SAME LOCATION. SMOKE DETECTORS SHALL BE HARD WIRED WITH BATTERY BACK-UP IF EXISTING WIRING PRESENT. FIRE ALARM AND/OR SMOKE DETECTORS BY THE</li> </ul>
LY BUILDING. VERIFY THAT ALL IN GOOD WORKING ORDER, ANY RDINATED WITH ARCHITECT AND EPTACLES, SWITCHES, AND COVER RICAL LOAD ON THIS PROJECT.	<ul> <li>NEMA 3R.</li> <li>E. ROOF MOUNTED AND OUTDOOR EQUIPMENT SHALL HAVE 120V RECEPTACLE MOUNTED WITHIN 25' OF EACH PIECE. RECEPTACLES SHALL BE IN WEATHER PROOF BOX AND HAVE GFCI PROTECTION.</li> <li>F. FOR ITEMS FURNISHED BY OTHER TRADES, ELECTRICAL CONTRACTOR TO FULLY COORDINATE ELECTRICAL REQUIREMENTS WITH ACTUAL EQUIPMENT</li> </ul>	<ul> <li>DETECTOR SYSTEMS ARE FURNISHED ON A DESIGN-BUILD BASIS BY THE ELECTRICIAN.</li> <li>C. WHERE CIRCUITING IS SHOWN TYPICAL FOR MULTIPLE UNITS, COORDINATI BREAKER/WIRE SIZES FOR EQUIPMENT FURNISHED BY OTHERS WITH SHOP DRAWINGS PROVIDED BY THE CONTRACTOR SUPPLYING THE EQUIPMENT. VERIFY BREAKER/WIRE SIZES FOR EQUIPMENT OR APPLIANCE FOR EACH UNIT PRIOR TO ROUGH-IN.</li> </ul>
HTING	BEING CONNECTED PRIOR TO INSTALLATION. ALL WIRING AND DISCONNECTING MEANS ARE EXISTING TO REMAIN. FIELD VERIFY THAT ALL ELECTRICAL EQUIPMENT AND WIRING IS IN GOOD WORKING ORDER,	<ul> <li>D. PROVIDE CONDUIT AND PULL STRING TO APPROVED LOCATION FOR VOICE DATA, AND CATV CABLES.</li> </ul>
FOR EGRESS/EMERGENCY LIGHTING ENCY FIXTURES AHEAD OF ANY LOCAL	COORDINATE REPAIRS AND REPLACEMENTS WITH OWNER AND ARCHITECT. G. REFER TO ARCHITECT'S PLANS AND ELEVATIONS FOR NEW DEVICE MOUNTING HEIGHTS AND LOCATIONS.	E. CIRCUITING ON DRAWINGS AND PANEL SCHEDULE IS SHOWN TYPICAL FOR SIMILAR UNITS. REFER TO DWELLING UNIT LOAD SUMMARIES FOR INDIVIDUAL DWELLING UNIT LOAD CALCULATIONS
/ITCH IN SAME ROOM UNLESS YSTEMS ARE REQUIRED, CONTRACTOR /PATIBLE WITH FIXTURE SOURCE AND MMING ZONE. PROVIDE ADDITIONAL NE LOAD REQUIREMENTS.	H. CONTRACTOR TO FIELD VERIFY THAT ALL ELECTRICAL EQUIPMENT HAS REQUIRED GROUNDING AND BONDING PER NEC 250. GROUNDING AND BONDING IS CONSIDERED MEANS AND METHODS OF CONSTRUCTION, AND SHOULD BE COMPLETED BY THE ELECTRICAL CONTRACTOR IF REQUIRED, IN ACCORDANCE WITH NEC 250. GAS PIPING SYSTEMS MUST BE BONDED PER UTILITY PROVIDER'S INSTALLATION GUIDELINES WHERE REQUIRED.	F. COORDINATE RECEPTACLE, PHONE, AND TV DEVICE PLACEMENT WITH FURNITURE LOCATIONS. VERIFY WITH ARCHITECT PRIOR TO ROUGH IN. LOCATIONS SHOWN ON DRAWINGS ARE INTENDED TO CONVEY DESIGN INTENT, AND DEMONSTRATE GENERAL COMPLIANCE WITH CODE. WHERE ACTUAL STUD LOCATIONS REQUIRE DEVICE LOCATIONS TO BE ADJUSTED, ADDED OR MINOR VARIATIONS AMONG UNITS THAT ARE SHOWN AS "TYPICAL", ETC. OCCUR, CONTRACTOR, UNDER HIS BASE BID, TO MAKE NECESSARY ADJUSTMENTS / ADDITIONS IN THE FIELD TO MAINTAIN NEC
		DWELLING UNIT RECEPTACLE SPACING REQUIREMENTS. WHERE ACTUAL

<b>(</b> # <b>)</b>	KEYED SHEET NOTES			
1.	REPLACEMENT MECHANICAL EQUIPMENT PROVIDED BY MECHANICAL CONTRACTOR. DISCONNECT AND RECONNECT ELECTRICAL CONNECTION AS REQUIRED. VERIFY THAT ELECTRICAL REQUIREMENTS MATCH EXISTING CONDITIONS. FIELD VERIFY THAT WIRING AND ELECTRICAL CONNECTIONS ARE IN GOOD WORKING ORDER, COORDINATE REPAIRS OR REPLACEMENTS WITH OWNER AND ARCHITECT.		TATE SP	OF OHIO
2.	EXISTING PLUMBING EQUIPMENT TO REMAIN. VERIFY THAT ALL ELECTRICAL CONNECTIONS AND WIRING ARE IN GOOD WORKING ORDER, COORDINATE REPAIRS OR REPLACEMENTS WITH OWNER AND ARCHITECT.		PA PA	AUL R
3.	LOCATION OF EXISTING ELECTRICAL DISTRIBUTION EQUIPMENT TO REMAIN. FIELD VERIFY THAT EQUIPMENT IS IN GOOD WORKING ORDER, COORDINATE ANY REPAIRS OR REPLACEMENTS WITH OWNER AND ARCHITECT.		OKKSSIO	STERES ON THINK
4.	REPLACE WASHER AND DRYER RECEPTACLES AND COVER PLATES WITH NEW RECEPTACLES. FIELD VERIFY THAT WIRING AND HARDWARE IS IN GOOD WORKING ORDER AND REPLACE OR REPAIR AS NECESSARY.			
5.	REPLACE EXISTING RECEPTACLES, GFCI RECEPTACLES AND COVER PLATES. FIELD VERIFY THAT WIRING AND HARDWARE IS IN GOOD WORKING ORDER AND REPLACE OR REPAIR AS NECESSARY. REPLACE EXISTING LIGHT SWITCHES AND COVER PLATES. FIELD VERIFY THAT		AR	
	WIRING AND HARDWARE IS IN GOOD WORKING ORDER AND REPLACE OR REPAIR AS NECESSARY. REPLACE EXISTING TV, CABLE, AND DATA COVER PLATE OUTLETS.		Cin ph.	8 Main Street cinnati, OH 45202 513.621.0750
	REPLACE EXISTING LIGHT FIXTURE WITH NEW LIGHT FIXTURE, NEW LIGHT FIXTURE ADDS NO ELECTRICAL LOAD. FIELD VERIFY THAT WIRING AND HARDWARE IS IN GOOD WORKING ORDER AND REPLACE OR REPAIR AS NECESSARY.		G	studiosarch.com
9.	NEW LIGHT FIXTURE TO BE CIRCUITED TO CLOSEST EXISTING SWITCH IN SAME ROOM, LIGHT FIXTURE IS ON GENERAL LIGHTING CIRCUIT WITH NO ADDED LOAD. COORDINATE FINAL LOCATION AND ROUTING OF WIRING WITH ARCHITECT AND GENERAL CONTRACTOR.		220 Stewart V 220 Stewart V Monroe, C 513.54	)hio 45050
10.	NEW PENDANT LIGHT FIXTURES TO BE INSTALLED AT EXISTING JUNCTION BOX IN CEILING. FIELD VERIFY THAT WIRING AND HARDWARE IS IN GOOD WORKING ORDER AND REPLACE OR REPAIR AS NECESSARY.			PR-09204
	REPLACE EXISTING SMOKE DETECTORS WITH NEW SMOKE DETECTORS AND CO COMBINATION SMOKE DETECTORS WHERE APPLICABLE.		BUSY	<b>ILDING STEMS INC.</b>
12.	EXISTING INTERCOM SYSTEM TO BE REPLACED, COORDINATE NEW SYSTEM WITH OWNER AND ARCHITECT. FIELD VERIFY THAT EXISTING WIRING IS IN GOOD WORKING ORDER, COORDINATE ANY REPLACEMENTS WITH OWNER AND ARCHITECT.		SHARED 515 Monmouth	COLLABORATION SUCCESS Street, Suite 204 1 (859) 261-0585
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14.	EXISTING LIGHT FIXTURE TO REMAIN. VERIFY THAT FIXTURE IS IN GOOD WORKING ORDER, REPAIR OR REPLACE AS REQUIRED WITH LIKE FIXTURE.		WITHOUT WRITTEN CO	NSENT OF ENGINEERED YSTEMS, INC.
	INSTALL NEW LIGHT FIXTURE AT LOCATION SHOWN AND CIRCUIT TO LOCAL LIGHTING CIRCUIT. NO ADDED ELECTRICAL LOAD.			ET
	PROVIDE AUDIBLE AND VISUAL SMOKE DETECTOR DEVICES. PROVIDE SEPARATE STROBE, TO BE INSTALLED IN BATHROOM AND INTERCONNECTED IN PARALLEL TO LOCAL UNIT SMOKE DETECTOR		O R TES	Ē
18.	INSTALL HARDWIRED DOORBELL. NOTIFIER INSIDE UNIT SHALL BE BOTH AUDIBLE AND VISUAL. EDWARDS CFA SERIES (6536-G5) HORNSTROBE, 600 SERIES BUTTON, AND 500 SERIES TRANSCORMER OF FOUND. CIRCUIT TO		AN TA	STR
	SERIES BUTTON, AND 590 SERIES TRANSFORMER OR EQUAL. CIRCUIT TO LOCAL GENERAL LIGHTING LOAD CIRCUIT, NO ADDED LOAD ON PANEL.		M/ ES	VINE
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# **GENERAL NOTES-POWER**

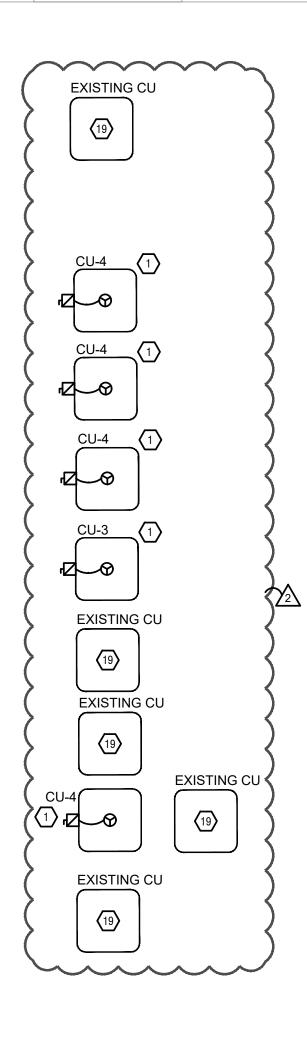
- A. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL NEW CONDUIT/CABLE ROUTING WHERE APPLICABLE. COORDINATE ROUTING WITH ALL OTHER TRADES AND BUILDING CONDITIONS.
- B. ALL ELECTRICAL DISTRIBUTION EQUIPMENT IS EXISTING TO REMAIN WITH NO ADDED LOADS. C. PROVIDE MOTOR STARTERS FOR EQUIPMENT AS INDICATED ON DRAWINGS. COORDINATE ANY INTERLOCKING WIRING WITH HVAC CONTRACTOR AND
- PROVIDE WIRING, COILS, AND AUXILIARY CONTACTS AS NECESSARY. SIZE ALL CIRCUITS FOR ACTUAL EQUIPMENT TO BE CONNECTED. D. ALL PANELS AND DISCONNECTS LOCATED OUTDOORS SHALL BE LABELED
- E. ROOF MOUNTED AND OUTDOOR EQUIPMENT SHALL HAVE 120V RECEPTACLE MOUNTED WITHIN 25' OF EACH PIECE. RECEPTACLES SHALL BE IN WEATHER PROOF BOX AND HAVE GFCI PROTECTION.
- F. FOR ITEMS FURNISHED BY OTHER TRADES, ELECTRICAL CONTRACTOR TO FULLY COORDINATE ELECTRICAL REQUIREMENTS WITH ACTUAL EQUIPMENT BEING CONNECTED PRIOR TO INSTALLATION. ALL WIRING AND DISCONNECTING MEANS ARE EXISTING TO REMAIN. FIELD VERIFY THAT ALL ELECTRICAL EQUIPMENT AND WIRING IS IN GOOD WORKING ORDER, COORDINATE REPAIRS AND REPLACEMENTS WITH OWNER AND ARCHITECT.
- G. REFER TO ARCHITECT'S PLANS AND ELEVATIONS FOR NEW DEVICE MOUNTING HEIGHTS AND LOCATIONS.
- H. CONTRACTOR TO FIELD VERIFY THAT ALL ELECTRICAL EQUIPMENT HAS REQUIRED GROUNDING AND BONDING PER NEC 250. GROUNDING AND BONDING IS CONSIDERED MEANS AND METHODS OF CONSTRUCTION, AND SHOULD BE COMPLETED BY THE ELECTRICAL CONTRACTOR IF REQUIRED, IN ACCORDANCE WITH NEC 250. GAS PIPING SYSTEMS MUST BE BONDED PER UTILITY PROVIDER'S INSTALLATION GUIDELINES WHERE REQUIRED.

# ELECTRICAL POWER ROOF PLAN

# GENERAL NOTES-DWELLING UNITS

- A. PROVIDE AFCI PROTECTION IN ACCORDANCE WITH NEC 210.12. AFCI PROTECTION MUST BE PROVIDED WHERE EXISTING BRANCH CIRCUIT WIR IS MODIFIED. OR RECEPTACLES ARE REPLACED. IN ACCORDANCE WITH NE AND LOCAL ELECTRICAL INSPECTION REQUIREMENTS. REFER TO NEC 406. (D) AND NEC 210.12 (D)
- B. FURNISH AND INSTALL SMOKE DETECTORS AS REQUIRED BY CODE. SMO DETECTORS SHOWN ON EBS DRAWINGS ARE INTENDED TO CONVEY GENERAL COMPLIANCE FOR BUILDING DEPARTMENT SUBMITTALS. PROVI SAME TYPE SMOKE DETECTORS AS EXISTING SMOKE DETECTORS IN SAMI LOCATION. SMOKE DETECTORS SHALL BE HARD WIRED WITH BATTERY BACK-UP IF EXISTING WIRING PRESENT. FIRE ALARM AND/OR SMOKE DETECTOR SYSTEMS ARE FURNISHED ON A DESIGN-BUILD BASIS BY THE ELECTRICIAN.
- WHERE CIRCUITING IS SHOWN TYPICAL FOR MULTIPLE UNITS, COORDINAT BREAKER/WIRE SIZES FOR EQUIPMENT FURNISHED BY OTHERS WITH SHOP DRAWINGS PROVIDED BY THE CONTRACTOR SUPPLYING THE EQUIPMENT. VERIFY BREAKER/WIRE SIZES FOR EQUIPMENT OR APPLIANCE FOR EACH UNIT PRIOR TO ROUGH-IN.
- D. PROVIDE CONDUIT AND PULL STRING TO APPROVED LOCATION FOR VOICE DATA, AND CATV CABLES.
- E. CIRCUITING ON DRAWINGS AND PANEL SCHEDULE IS SHOWN TYPICAL FOR SIMILAR UNITS. REFER TO DWELLING UNIT LOAD SUMMARIES FOR INDIVIDUAL DWELLING UNIT LOAD CALCULATIONS
- COORDINATE RECEPTACLE, PHONE, AND TV DEVICE PLACEMENT WITH FURNITURE LOCATIONS. VERIFY WITH ARCHITECT PRIOR TO ROUGH IN. LOCATIONS SHOWN ON DRAWINGS ARE INTENDED TO CONVEY DESIGN INTENT, AND DEMONSTRATE GENERAL COMPLIANCE WITH CODE. WHERE ACTUAL STUD LOCATIONS REQUIRE DEVICE LOCATIONS TO BE ADJUSTED, ADDED OR MINOR VARIATIONS AMONG UNITS THAT ARE SHOW AS "TYPICAL", ETC. OCCUR, CONTRACTOR, UNDER HIS BASE BID, TO MAKE NECESSARY ADJUSTMENTS / ADDITIONS IN THE FIELD TO MAINTAIN NEC DWELLING UNIT RECEPTACLE SPACING REQUIREMENTS. WHERE ACTUAL WINDOW CONSTRUCTION PROHIBITS THE INSTALLATION OF A WALL RECEPTACLE, PROVIDE FLOOR RECEPTACLE WITHIN 18 INCHES OF THE BA OF THE WALL. PROVIDE TAMPER PROOF RECEPTACLES AS REQUIRED BY NEC ART. 406.12.
- G. LIGHTING INSTALLED IN CLOTHES CLOSETS SHALL BE INSTALLED IN ACCORDANCE WITH NEC 410.16.
- H. REPLACE EXISTING MECHANICAL CLOSET LIGHT FIXTURE WITH NEW (L7) WHERE CLOSET CONTAINS A FIXTURE. PROVIDE A LINE-ITEM PRICE FOR T REPLACEMENT OF A SINGLE FIXTURE.

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OFF       →         POAH       ■         DATE:       BID SET         PART 2 SUBMITAL       06.20.2022         OHFA SUBMITAL       03.22.2023         PERMIT REVISION 1       ●         OT 07.03.2023       BID SET         OT FOR CONSTRUCTION       ELECTRICAL POWER ROOF         PLAN       ELECTRICAL POWER ROOF			EN	•
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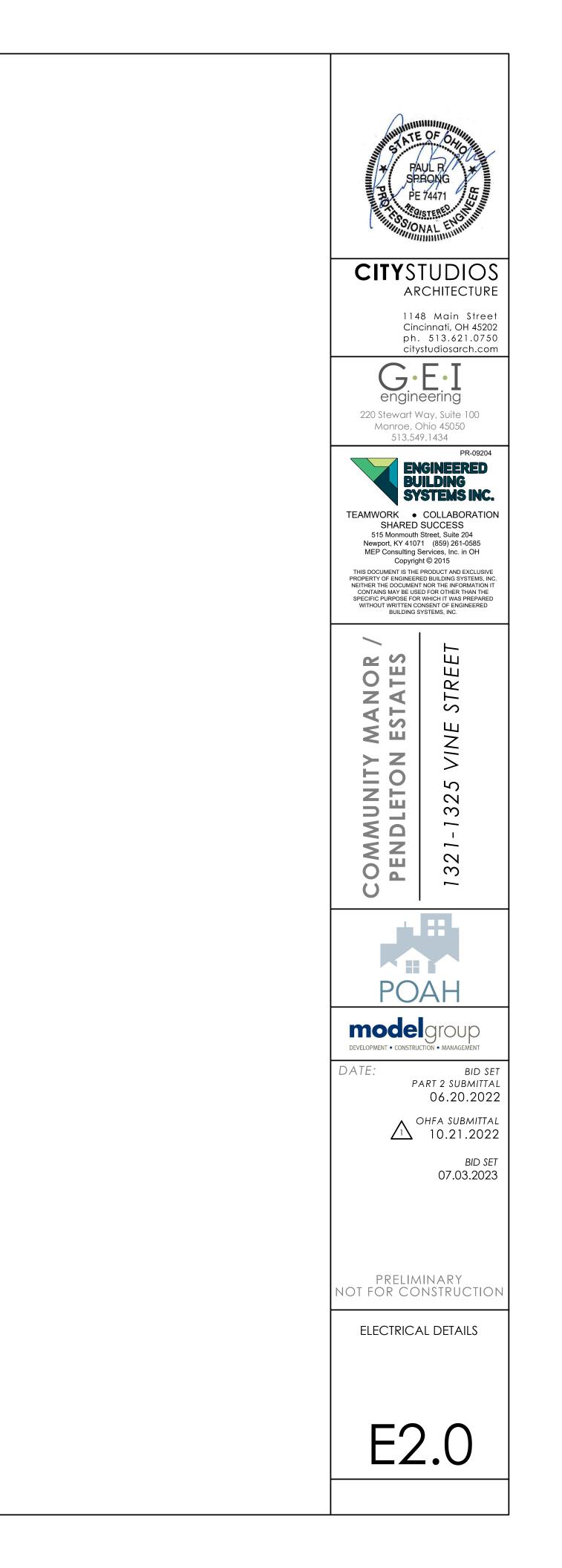
	ELECTRIC	AL LEGEND	*SEE LIGHT FIXTUR	E SCHEDULE FOR FIXTURE TYPES.	
¢			L5-20R $\Phi$	LOCKING 125V/20 AMP - RECEPTACLE	
\$ ¢	SINGLE POLE LIGHT SWIT		$L6-20R\Phi$	LOCKING 250V/20 AMP (1-PHASE) - RECEPTACLE	
\$₃ ⊄.				LOCKING 125V/30 AMP - RECEPTACLE	
\$₄ \$□	FOUR WAY LIGHT SWITCH	1	L5-30R $\Phi$ L6-30R $\Phi$	LOCKING 250V/20 AMP (1-PHASE) - RECEPTACLE	
			PP	FURNITURE POWER POLE - RECEPTACLE	
\$FS	FAN SPEED CONTROL			FURNITURE RECESSED FLOOR FEED	
SDT SDT	OCC SENSOR - CEILING -			FURNITURE WALL FEED	
ଡିPIR ଦ			EB	RECESSED FLOOR BOX - MULTI-SERVICE (POWER/DATA)	
\$от Ф	OCC SENSOR - WALL - DU				
\$pir ₼		SSIVE INFRARED	AV	RECESSED FLOOR BOX - MULTI-SERVICE W/AV	
Ф Ф	DUPLEX RECEPTACLE		ૼૡૼ	RECESSED MULTI-SERVICE POKE THRU	
USB 🗭				SPECIAL CONNECTION	
			Ŭ O	SIMPLEX RECEPTACLE	
₽			Ψ Φ	EQUIPMENT CONNECTION	
<del>ነ</del> ተ				MANUAL MOTOR STARTER	
		LING (SHOW WINDOW) RECEPTACLE			
GFCI 🗭		UPLEX - GFCI RECEPTACLE			
GFCI 🕈	COUNTER HEIGHT DUPLE		∠ Z		
wр ф	SPLIT-WIRED (SWITCHED) RECEPTACLE		⊠" O	FUSED DISCONNECT W/MAGNETIC MOTOR STARTER	
GFCI 🌱		WEATHER PROOF - GFCI RECEPTACLE		JUNCTION BOX	
	DISHWASHER - GFCI REC	DISHWASHER - GFCI RECEPTECLE		HOME NETWORK ENCLOSURE	
	GARBAGE DISPOSAL			SECURITY CAMERA	
м₩Ф	MICROWAVE RECEPTACL	MICROWAVE RECEPTACLE		DATA LOCATION (RING & STRING, U.N.O)	
	REFRIGERATOR RECEPT.	REFRIGERATOR RECEPTACLE		VOICE DROP - LOCATION	
$r_{ANGE}\Phi$	RANGE - 208-240V/ 1-PHA	RANGE - 208-240V/ 1-PHASE 50 AMP RECEPTACLE		VOICE/DATA DROP - LOCATION	
	WASHER - GFCI RECEPTA	WASHER - GFCI RECEPTACLE		CABLE TV (COAX) - LOCATION	
	DRYER - 208-240V/ 1-PHA	SE 30 AMP RECEPTACLE	CR	CARD READER	
मे	DUPLEX - MONUMENT FLOOR BOX		DR	DOOR RELEASE - ACCESS CONTROL	
			DS	DOOR STRIKE - ACCESS CONTROL	
ŊØ	DUPLEX - RECESSED FLC	OCK ROX	ML	MAG-LOCK - ACCESS CONTROL	
	PANELBOARD		PS	POSITION SWITCH	
- <b>- - - - - - - - - -</b>			PR	PROXY READER	
	PANELBOARD W/ BU SINGLE LINE DIAGR		RE	REQUEST TO EXIT SWITCH	
				WIRELESS INTERNET ACCESS POINT	
3£	TRANSFORMER - SI	NGLE LINE DIAGRAM	<u>•</u>	DOOR HOLD - FIRE ALARM	
			DSD	DUCT SMOKE DETECTOR	
36	TRANSFORMER W/ SINGLE LINE DIAGR		FACP	FIRE ALARM CONTROL PANEL	
Ļ	-		FARA	FIRE ALARM REMOTE ANNUNCIATOR	
PADMOUNT TRANSFORMER -			$\oplus$	HEAT DETECTOR - FIRE ALARM	
			IORN - FIRE ALARM		
AUTOMATIC TRANSFER SWITCH (ATS) - SINGLE LINE DIAGRAM		<b>S</b>	SMOKE DETECTOR		
			co 🗐	COMBINATION SMOKE/CO2 DETECTOR	
U	* METER BASE - SINGLE LINE DIAGRAM		(SP)	SPEAKER - FIRE ALARM	
			Ø	SPEAKER/STROBE - FIRE ALARM	
	FUSED DISCONNEC	T - SINGLE LINE DIAGRAM	X	STROBE - FIRE ALARM	
			 DВ <b>9</b>	DOOR BELL	
þ					
	7			DOOR CHIME	
	* CT CABINET - SINC	GLE LINE DIAGRAM	$\nabla$	STROBE ONLY	
	FINAL METER CON	IFIGURATION TBD/ APPROV	ED BY LOCAL UTILITY	COMPANY PRIOR TO CONSTRUCTION.	
ABBREVIATIO		HP Heat Pump		EXAMPLES:	
# Numbei Ω Ohm		HZ Hertz IG Isolated Ground			
Þ Phase		IMC Intermediate Metal C			
A Ampere AC Alternat	s ing Current	KCMIL Thousand Circular M KVA Kilovolt-Amperes	111S		
A/C Air Con	ditioning It Current Interrupter	LFMC Liquid Tight Metal Co LTG Lighting	onduit	a 3 FUNCTION	
	dling Unit	LRA Locked Rotor Amper	es	\$	
	Interrupting Capacity	MC Metal Clad Cable MCB Main Circuit Breaker		FIXTURE TYPE	
AIC Ampere	4111			(SEE SCHEDULE)	
AIC Ampere AL Aluminu ATS Automa	tic Transfer Switch	MCC Motor Control Center		SWITCH	
AIC Ampere AL Aluminu ATS Automa ATC Automa		MCC Motor Control Center MLO Main Lug Only NC Normally Closed		A1 a SWITCH	
AIC Ampere AL Aluminu ATS Automa ATC Automa AWG America C Conduit	tic Transfer Switch tic Temperature Control an Wire Gauge	MLO Main Lug Only NC Normally Closed NEC National Electrical Co	ode	A1 a	
AIC Ampere AL Aluminu ATS Automa ATC Automa AWG America C Conduit CATV Cable T CB Critical	tic Transfer Switch tic Temperature Control an Wire Gauge relevision Branch	MLOMain Lug OnlyNCNormally ClosedNECNational Electrical CoNEMANational Electrical MainNFPANational Fire Protection	ode anufactures Associatior ion Association	P1-23	
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CODES, AND ARE INTENDED TO PROVIDE THE AUTHORITIES ARE INSTALLED IN ACCORDANCE WITH ANY CONTRACTURAL 

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POAH LUMINAIRE SCHEDULE								
CALLOUT	SYMBOL	LAMP	DESCRIPTION	MODEL	INPUT VA	NOTE		
EL1	ю	(1) 27W LED	EXTERIOR SECURITY LIGHT FIXTURE	HD SUPPLY - 326111	27			
EL3	0	(1) 28.06W LED	EXTERIOR DSURFACE MOUNT FIXTURE	LITHONIA LIGHTING - FMML 13 830 DDBT WL	28.06			
EL4	Ю	(1) 48W LED	EXTERIOR WALL PACK	LITHONIA LIGHTING - TWP LED ALO 40K	48			
EM	ľ.	(2) 1.5W LED	EMERGENCY WALL PACK - W/ 90 MIN. BACKUP	LITHONIA LIGHTING - ELM2L M12	3			
EX	$\otimes$	(2) 1W LED	UNIVERSAL EXIT SIGN - W/ 90 MIN. BACKUP	LITHONIA LIGHTING - EXRG EL (M6 WHERE REMOTE HEADS ARE PRESENT)	2	PROVIDE BATTERY CAPACITY FOR REMOTE AS REQ'D		
L2	0	(1) 27W LED	SURFACE MOUNT LED FIXTURE	AFX - CAF142400L27D1	27			
L3	0	(1) 19W LED	SURFACE MOUNT LED FIXTURE	HD SUPPLY - LED1102-35-ACR	19			
L4	щ	(1) 17W LED	2' VANITY LIGHT	HD SUPPLY -326710	17			
L5	ю	(1) 15W LED	WALL SCONCE	KICHLER - 11319NILED	15			
L7	o	(1) 14W LED	LED ROUND DOWNLIGHT	PHILIPS LIGHTING - SLIMSURFACE LED S7R827K10WZ10U	14	REPLACE EXISTING MECHANICAL CLOSET LIGHT FIXTURE WITH NEW (L7) WHERE CLOSET CONTAINS A FIXTURE. PROVIDE A LINE-ITEM PRICE FOR THE REPLACEMENT OF A SINGLE FIXTURE.		
L8	0	(1) 32W LED	2X2 LED TROFFER	LITHONIA LIGHTING -LBL4 LP835	32			
L9	*	(1) 17.5W LED	SURFACE MOUNT CYLINER FIXTURE	LITHONIA LIGHTING - LDN6CYL 27/15 L06 WR LSS 120V	17.5			



1901 10 TO BE USED AS CONTRACT DOCUMENTS. THESE DR D TO BE USED AS CONTRACT DOCUMENTS. THESE DR DI IANCE THE INSTALLING CONTRACTOD IS DESPONSIO

ELECTRICAL SPECIFICATIONS 1. GENERAL DEMOLITION

> a. REFER TO ARCHITECTURAL DRAWINGS. GENERAL NOTES. INSTRUCTIONS TO BIDDERS, GENERAL CONDITIONS, SUPPLEMENTARY GENERAL CONDITIONS, BASE BUILDING SPECIFICATIONS AND DRAWINGS, SHOP DRAWING MANUALS AND AS-BUILT PLANS, EXCEPT AS NOTED HEREIN, WHICH APPLY IN ALL RESPECTS TO THIS SECTION. THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS PRIOR TO BIDDING THE WORK

2. USE OF DRAWINGS AND SPECIFICATIONS

a.EBS DRAWINGS AND SPECIFICATIONS ARE INTENDED TO CONVEY DESIGN INTENT ONLY. ALL MEANS AND METHODS SEQUENCES, TECHNIQUES, AND PROCEDURES OF CONSTRUCTION AS WELL AS ANY ASSOCIATED SAFETY PRECAUTIONS AND PROGRAMS, AND ALL INCIDENTAL AND TEMPORARY DEVICES REQUIRED TO CONSTRUCT THE PROJECT, AND TO PROVIDE A COMPLETE AND FULLY OPERATIONAL ELECTRICAL SYSTEM ARE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.

STANDARDS

a. MATERIALS EQUIPMENT AND MATERIALS SHALL CONFORM WITH APPROPRIATE PROVISIONS OF NEC, ASTM, UL, ETL, NEMA, ANSI, AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

4. CODES

a. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS/SPECIFICATIONS AND THE CODES AND ORDINANCES, THE HIGHEST STANDARD SHALL APPLY. THE ELECTRICAL CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO OWNER.

5. PERMITS AND FEES

a. THE ELECTRICAL CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES AND INSPECTIONS NECESSARY TO COMPLETE THE ELECTRICAL WORK.

6. WARRANTY

- a. THE ELECTRICAL CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE, AND WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE AND RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE MATERIALS AND WORKMANSHIP.
- 7. SITE EXAMINATION
- a. THE ELECTRICAL CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS OF WORK WHERE EQUIPMENT WILL BE INSTALLED AND SHALL REPORT ANY CONDITION THAT, IN HIS OPINION, PREVENTS THE PROPER INSTALLATION OF THE ELECTRICAL WORK PRIOR TO BID. HE SHALL ALSO EXAMINE THE DRAWINGS AND SPECIFICATIONS OF OTHER BRANCHES OF WORK MAKING REFERENCE TO THEM FOR DETAILS OF NEW OR EXISTING BUILDING CONDITIONS.
- b. ALL WORK SHALL BE DONE AT TIMES CONVENIENT TO THE OWNER AND ONLY DURING NORMAL WORKING HOURS, UNLESS SPECIFIED OTHERWISE.
- c. ELECTRICAL CONTRACTOR SHALL TAKE HIS OWN MEASUREMENTS AND BE RESPONSIBLE FOR THEM.
- d. ACCESS PANELS ARE NOT SHOWN ON DRAWINGS. DURING SITE EXAMINATION, CONTRACTOR SHALL IDENTIFY ALL AREAS WHERE ACCESS PANELS ARE REQUIRED, AND REPORT TO GENERAL CONTRACTOR. DESIGNATION OF WHO FURNISHES AND WHO INSTALLS ACCESS PANELS MUST BE COORDINATED WITH GENERAL CONTRACTOR PRIOR TO STARTING WORK.

8. CONTRACTOR COORDINATION

- a. THE ELECTRICAL DRAWINGS AND SPECIFICATIONS CONVEY DESIGN INTENT ONLY. MEANS AND METHODS, SEQUENCES, TECHNIQUES, AND PROCEDURES OF CONSTRUCTION AS WELL AS ANY ASSOCIATED SAFETY PRECAUTIONS AND PROGRAMS, AND ALL INCIDENTAL AND TEMPORARY DEVICES REQUIRED TO CONSTRUCT THE PROJECT ARE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- b. ALL SYSTEMS INSTALLED BY EACH SUB-CONTRACTOR SHALL BE COORDINATED WITH ONE ANOTHER AND APPROVED BY GENERAL CONTRACTOR/CONSTRUCTION MANAGER. ETC. PRIOR TO INSTALLATION AND/OR FABRICATION. WHERE THE ELECTRICAL CONTRACTOR IS MAKING A CONNECTION TO EQUIPMENT/COMPONENTS THAT ARE FURNISHED BY OTHERS, ELECTRICAL CONTRACTOR TO VERIFY ALL CONNECTION REQUIREMENTS WITH ACTUAL EQUIPMENT BEING CONNECTED, INCLUDING BUT NOT LIMITED TO OCP SIZE, MEANS OF DISCONNECT. SPECIAL CONNECTION REQUIREMENTS. OR OTHER ITEMS INDICATED ON SHOP DRAWINGS, OR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND/OR INSTALLATION DIAGRAMS, AND FURNISH ALL LABOR AND MATERIALS REQUIRED FOR THE INSTALLATION AND OPERATION OF THE EQUIPMENT. NO ALLOWANCES WILL BE MADE FOR FAILURE TO COORDINATE, AFTER ELECTRICAL CONNECTIONS HAVE BEEN INSTALLED.

c. IF QUESTIONS CONCERNING DESIGN INTENT ARISE DURING

ASSIST WHERE APPROPRIATE.

9. UTILITY COORDINATION a. ELECTRICAL CONTRACTOR TO VERIFY INSTALLATION OF METERING AND UTILITY DEMARCATION EQUIPMENT WITH UTILITY PROVIDER PRIOR TO START OF WORK AND FURNISH AND INSTALL REQUIRED ITEMS PER UTILITY COMPANY'S INSTALLATION REQUIREMENTS AND/OR MANUALS.

10. SUBMITTALS

11. RECORD DRAWING a. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CREATING RECORD DRAWINGS WHERE REQUIRED. DRAWINGS SHALL BE PRODUCED IN AUTOCAD 2004 FORMAT OR LATER.

12. SHOP DRAWINGS a. SUBMIT TO THE ARCHITECT PDF FILE COPIES OF COMPLETE & CERTIFIED SHOP DRAWINGS, DESCRIPTIVE DATA, PERFORMANCE DATA & RATINGS, DIAGRAMS AND SPECIFICATIONS ON ALL SPECIFIED EQUIPMENT, INCLUDING ACCESSORIES, AND MATERIALS FOR REVIEW.

b. THE MAKE, MODEL NUMBER, TYPE, FINISH & ACCESSORIES OF ALL EQUIPMENT AND MATERIALS SHALL BE REVIEWED & APPROVED BY THE ELECTRICAL CONTRACTOR & GENERAL CONTRACTOR PRIOR TO SUBMITTING TO THE ARCHITECT FOR THEIR REVIEW & APPROVAL.

c. REVIEW OF SHOP DRAWINGS DOES NOT RELIEVE THE ELECTRICAL CONTRACTOR/VENDOR FROM COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT DRAWINGS, SPECIFICATIONS & APPLICABLE CODES. 13. TESTING

a. ALL ELECTRICAL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION BALANCE ALL BRANCH CIRCUIT LOADS BETWEEN THE PHASES OF THE SYSTEM TO WITHIN 10% OF THE HIGHEST PHASE LOAD IN EACH PANELBOARD. 14. TEMPORARY POWER

a. THE ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY ELECTRICAL WIRING FOR CONSTRUCTION. THE TEMPORARY SERVICE SHALL BE A MINIMUM OF 60 AMPS, SINGLE PHASE, THREE WIRE, 120/208 VOLTS FUSED AT MAIN DISCONNECT. ALL RECEPTACLES ON THIS TEMPORARY SERVICE SHALL BE PROTECTED BY A GFI BREAKER.

15. MECHANICAL EQUIPMENT a. ALL FINAL CONNECTIONS TO MECHANICAL EQUIPMENT SHALL BE DONE BY THE ELECTRICAL CONTRACTOR.

16. DEMOLITION a. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DEENERGIZING CIRCUITS IN DEMOLITION AREAS TO INSURE A SAFE CONDITION. ELECTRICAL DEVICES AND ASSOCIATED WIRING LOCATED WITHIN THE DEMOLITION AREA THAT WILL NO LONGER BE USED SHALL BE REMOVED AND PROPERLY DISPOSED OF AT CONTRACTOR'S EXPENSE UNLESS OTHERWISE NOTED.

17. POWER OUTAGES

a. THE ELECTRICAL CONTRACTOR SHALL SCHEDULE ALL ELECTRICAL SYSTEM(S) OUTAGES WITH THE GENERAL CONTRACTOR AND OWNER AT LEAST 24 HOURS IN ADVANCE. UNLESS APPROVED OTHERWISE ALL OUTAGES SHALL OCCUR BETWEEN 11:00PM AND 5:00AM.

18. GROUNDING AND BONDING a. CONTRACTOR TO PROVIDE GROUNDING AND BONDING AS REQUIRED FOR ELECTRICAL SYSTEMS. GROUNDING AND BONDING IS CONSIDERED MEANS AND METHODS OF CONSTRUCTION, AND SHOULD BE COMPLETED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE

WITH NEC 250.

19. MATERIALS

a. PROVIDE ALL NEW MATERIAL AND EQUIPMENT UNLESS NOTED OTHERWISE. ALL EQUIPMENT SHALL BE UL APPROVED AND LABELED. OR OTHER APPROVED TESTING ORGANIZATION WHICH HAS ACCEPTANCE BY THE LOCAL JURISDICTION, FOR THE PURPOSE FOR WHICH THEY ARE USED. IN ADDITION TO MEETING ALL REQUIREMENTS

COORDINATION, EBS CAN ASSIST WHERE APPROPRIATE.

d. THE ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. DO NOT SCALE DISTANCES OFF THE ELECTRICAL DRAWINGS; USE ACTUAL BUILDING DIMENSIONS.

e. COORDINATION DRAWINGS SHOWING SYSTEM AND COMPONENT INSTALLATION LAYOUT, ROUTING, DETAILS, ETC. SHALL BE PRODUCED BY THE ELECTRICAL CONTRACTOR AND UNDER THE SUPERVISION OF THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER, OR APPROPRIATE PARTY AS APPLICABLE. ALL SYSTEMS INSTALLED BY EACH SUB-CONTRACTOR SHALL BE COORDINATED WITH ONE ANOTHER AND APPROVED BY GENERAL CONTRACTOR/CONSTRUCTION MANAGER, FTC PRIOR TO INSTALLATION AND/OR FABRICATION IF QUESTIONS CONCERNING DESIGN INTENT ARISE DURING COORDINATION, EBS CAN

a. PRODUCTS INSTALLED BY THE ELECTRICAL CONTRACTOR AND PROVIDED BY OTHERS MUST BE SUBMITTED FOR REVIEW PRIOR TO PURCHASING. PRODUCTS SHALL NOT BE SELECTED BASED ON PERMIT DRAWINGS WITHOUT EXPRESS PERMISSION - PRODUCTS SHALL BE SELECTED BASED ON CONSTRUCTION DRAWINGS.

b. ANY GAS PIPING SYSTEMS MUST BE BONDED PER UTILITY PROVIDER'S INSTALLATION GUIDELINES WHERE REQUIRED.

OF THE CURRENT APPLICABLE CODES AND REGULATIONS. NO SUBSTITUTION TO MATERIALS SPECIFIED WILL BE ALLOWED UNLESS APPROVED BY THE OWNER.

- b. ELECTRICAL CONTRACTOR SHALL NOT ORDER OR PURCHASE ANY MATERIALS OR EQUIPMENT UNTIL PERMIT DRAWINGS HAVE BEEN APPROVED. NO ALLOWANCES WILL BE MADE FOR ANY CHANGES THAT OCCUR IF PERMIT DRAWINGS HAVE NOT BEEN APPROVED PRIOR TO ORDERING.
- 20. CUTTING AND FITTING
- a. PERFORM CUTTING, CORING, FITTING, REPAIRING AND FINISHING OF THE WORK NECESSARY FOR THE INSTALLATION OF THE EQUIPMENT OF THIS SECTION. HOWEVER, NO CUTTING OF THE WORK OF OTHER TRADES OR OF ANY STRUCTURAL MEMBER SHALL BE DONE WITHOUT THE CONSENT OF THE OWNER. PROPERLY FILL, SEAL, FIREPROOF, AND WATERPROOF ALL OPENINGS, SLEEVES, AND HOLES IN SLABS, WALLS, AND CASEWORK.

21. WIRING METHODS

- a. PROVIDE CODE APPROVED WIRING METHODS FOR BRANCH CIRCUITING INDOORS, SUCH AS NM CABLE (ONLY WHERE PERMITTED BY NEC 334), EMT CONDUIT, OR MC CABLE FOR MECHANICAL EQUIPMENT, LIGHTING, AND POWER.
- b. CONDUIT RUNS ON EXTERIOR OF BUILDING SHALL BE RIGID STEEL CONDUIT WITH WEATHER TIGHT, CORROSION-RESISTANT FITTINGS. SCHEDULE 40 PVC IS ACCEPTABLE WHERE PERMITTED BY CODE AND OR UNDERGROUND RUNS OR CONCRETE ENCASEMENT WHERE NOT EXPOSED TO PHYSICAL DAMAGE.
- c. THE MINIMUM SIZE OF CONDUIT SHALL BE 3/4" UNLESS OTHERWISE NOTED. CONDUIT CONNECTORS SHALL BE DOUBLE LOCKNUT TYPE, UL LISTED AND LABELED, WITH COMPRESSION OR SET SCREW FITTINGS. d. RIGID CONDUIT SHALL BE HOT DIPPED GALVANIZED.
- e. WHERE RACEWAYS ARE INSTALLED FOR OTHERS TO USE, OR FOR FUTURE USE, PROVIDE NYLON PULL STRING.
- f. PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE SEALED USING 3M FIRE BARRIER CAULK, NELSON ELECTRIC FLAMESEAL OR T&B FLAMESAFE OR OTHER APPROVED METHOD.
- 22. CONDUCTORS AND TERMINATIONS
- a. BRANCH CONDUCTORS SHALL BE COPPER, FEEDERS AS INDICATED ON RISER DIAGRAM. CONDUCTORS SHALL BE INSULATED FOR 600V NUMBER 12 AWG MINIMUM. PROVIDE WIRES AND CABLES AS INDICATED LISTED AND SUITABLE FOR TEMPERATURE, CONDITIONS, AND LOCATION WHERE INSTALLED.
- 23. MOTORS AND OTHER WIRING
- a. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED CONDUIT, WIRING, AND SAFETY SWITCHES FOR ALL MOTORS, AND OTHER ELECTRICAL EQUIPMENT. EVEN THOUGH THE MOTORS AND ELECTRICAL EQUIPMENT MAY BE SUPPLIED BY OTHERS. THE ELECTRICAL CONTRACTOR SHALL INCLUDE ALL WORK AND CONNECTIONS REQUIRED TO MAKE THE SYSTEM COMPLETE AND OPERATIONAL. PROVIDE MAGNETIC STARTERS FOR EQUIPMENT AS INDICATED ON THE DRAWINGS.
- b. THE ELECTRICAL EQUIPMENT MAY INCLUDE BUT NOT BE LIMITED TO SUCH ITEMS AS GRILLE MOTORS AND INTERLOCKS, EXTERIOR AND INTERIOR SIGNAGE, STARTING DEVICES, MOTOR CONTROLLERS, FLOAT SWITCHES, ALARM DEVICES OR SYSTEMS, PUSH BUTTONS, EXHAUST FANS, DATA SYSTEMS, INTERCOMS AND STEREO SYSTEMS. THE ELECTRICAL CONTRACTOR SHALL VERIFY EQUIPMENT LOCATION AND SIZES WITH THE TRADE SUPPLYING THE EQUIPMENT BEFORE INSTALLING THE CONDUIT OR OUTLETS.
- 24. DEVICES a. HUBBELL, LEVITON, OR APPROVED EQUAL WITH MATCHING COVERPLATES.
- b. PROVIDE SPECIFICATION GRADE WIRING DEVICES, IN TYPES, CHARACTERISTICS. GRADES. COLORS. AND ELECTRICAL RATINGS FOR APPLICATIONS INDICATED, WHICH ARE UL-LISTED AND WHICH COMPLY WITH NEMA WD1 AND OTHER APPLICABLE UL AND NEMA STANDARDS. VERIFY COLOR SELECTIONS WITH ARCHITECT. PROVIDE DEVICE PLATES TO MATCH DEVICE COLORS.
- c. PROVIDE GFCI PROTECTION FOR ALL KITCHEN 15 AND 20-AMP RECEPTACLES. WHERE THE RECEPTACLE IS RENDERED INACCESSIBLE BY EQUIPMENT PROVIDE GFCI PROTECTION AT THE CIRCUIT BREAKER. 25. SERVICE ENTRANCE AND DISTRIBUTION EQUIPMENT
- a. ELECTRICAL CONTRACTOR MUST SUBMIT DRAWINGS FOR PERMIT AND RECEIVE APPROVAL PRIOR TO ORDERING EQUIPMENT. NO ALLOWANCES WILL BE MADE FOR EQUIPMENT CHANGES THAT OCCUR PRIOR TO RECEIPT OF APPROVED PLANS.
- 26. DISCONNECTS AND FUSED SWITCHES
- a. HEAVY DUTY TYPE, HORSEPOWER RATED WITH INTERLOCKING COVER. NEMA 1 TYPICAL. OUTDOOR AND WET LOCATION SWITCHES SHALL BE RAINTIGHT TYPE NEMA 3RR. ALL SWITCHES SHALL BE LOCKABLE. FUSES IN CIRCUITS RATED AT 600 AMPERES OR LESS SHALL BE UL CLASS RK1 DUAL-ELEMENT, TIME-DELAY, CURRENT LIMITING FUSES. FUSES IN CIRCUITS RATED AT 601 AMPERES OR LARGER SHALL BE UL CLASS L TIME-DELAY, CURRENT LIMITING FUSES.

27. NAMEPLATES

- a. PROVIDE PERMANENT NAMEPLATE LABELING ON ALL DISCONNECTS INCLUDE LOAD SERVED, VOLTAGE, PHASE, HORSEPOWER, FUSE SIZE, AND TYPE.
- 28. MOUNTING
- a. MOUNT INDEPENDENT OF THE MECHANICAL UNIT HOUSING UNLESS SPECIFICALLY ACCEPTED BY THE LOCAL CODE AUTHORITY. PROVIDE UNISTRUT SUPPORT CHANNELS MOUNTED IN COORDINATION WITH ROOF PENETRATION AND PATCHING WORK. COORDINATE WITH GENERAL CONTRACTOR.
- 29. GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS AND EQUIPMENT a. PROVIDE GROUNDING AND BONDING FOR ELECTRICAL SERVICE IN ACCORDANCE WITH NEC ARTICLE 250.
- b. ALL MAJOR PARTS NOT CARRYING CURRENT, INCLUDING BUT NOT LIMITED TO, SECONDARY FEEDER CIRCUIT, EQUIPMENT AND PANELBOARD ENCLOSURES, PULL AND JUNCTION BOXES, SHALL BE PROPERLY GROUNDED. METALLIC RACEWAYS SHALL UTILIZE DOUBLE LOCKNUTS AND OTHER FITTINGS AS REQUIRED TO PROVIDE GROUND CONTINUITY.
- 30. MULTI-TENANT METER CENTERS
- a. PROVIDE METER CENTERS(S) AS SHOWN ON THE DRAWINGS AND AS SPECIFIED HEREIN. METER CENTERS SHALL HAVE MAIN LUGS ONLY OR MAIN BREAKERS AS REQUIRED, AND SHALL HAVE BRANCH BREAKER INSTALLED FOR EACH METER SOCKET. METER CENTERS SHALL BE EATON, SQUARE D, GE BY ABB, OR EQUAL, AND SHALL BE OF THE SAME MANUFACTURE AS LOAD CENTERS OR PANELBOARDS SERVED. METER CENTERS SHALL BE ENCLOSED NEMA 1, NEMA 3R AS REQUIRED. FINAL CONFIGURATION (NUMBER OF METERS PER SECTION, END-MAIN/CENTER-MAIN, ETC. SHALL BE DETERMINED BY CONTRACTOR. ALL BUSSING MUST BE RATED FOR THE LOADS SERVED. METER CENTERS SHALL BE RATED TO WITHSTAND THE AVAILABLE FAULT CURRENT.
- 31. PANELBOARDS
- a. PROVIDE BRANCH CIRCUIT PANELBOARD(S) AS SHOWN ON THE DRAWINGS AND AS SPECIFIED HEREIN. PANELBOARDS SHALL HAVE BOLTED, THERMAL AND MAGNETIC BREAKERS WITH MAIN LUGS ONLY OR MAIN BREAKERS AS REQUIRED. PANELBOARDS SHALL BE EATON, SQUARE D. GE BY ABB. OR EQUAL. AND BE ENCLOSED IN NEMA 1 TYPE HOUSING UNLESS NOTED OTHERWISE. ENCLOSURE(S) SHALL BE COMPLETE WITH A HINGED DOOR, CYLINDER LOCK, AND A NEATLY TYPED DIRECTORY UNDER PLASTIC COVER IN EACH PANEL DOOR. ALL MULTIPLE POLE BREAKERS SHALL HAVE A COMMON TRIP HANDLE. ALL PANELS AND BREAKERS SHALL BE RATED TO WITHSTAND AVAILABLE FAULT CURRENT.
- 32. RESIDENTIAL LOAD CENTERS
- a. PROVIDE LOAD CENTERS AS SHOWN ON DRAWINGS AND AS SPECIFIED HEREIN. LOAD CENTERS SHALL BE EATON, SQUARE D, GE BY ABB, OR EQUAL. LOAD CENTERS SHALL CONTAIN A NEATLY TYPED DIRECTORY IN EACH DOOR. ALL MULTIPLE POLE BREAKERS SHALL HAVE A COMMON TRIP HANDLE. ALL PANELS AND BREAKERS SHALL BE RATED TO WITHSTAND AVAILABLE FAULT CURRENT. LOAD CENTERS MAY BE USED IN AREAS OTHER THAN DWELLING UNITS WHERE APPROPRIATE AND WHERE APPROVED BY OWNER'S REPRESENTATIVE.
- 33. LIGHTING
- a. PROVIDE A NEW LIGHTING SYSTEM COMPLETE AND FULLY OPERATIONAL AND IN CONFORMANCE WITH CODE AND UL LISTING REQUIREMENTS. CLEAN ALL FIXTURES AT TIME OF JOB COMPLETION UTILIZING MANUFACTURERS APPROVED OR RECOMMENDED CLEANING SOLUTIONS. ALL FIXTURES AND LAMPS ARE PROVIDED BY THIS CONTRACTOR AS SCHEDULED UNLESS NOTED OTHERWISE. CONTRACTOR SHALL FURNISH ALL BOXES, MOUNTING KITS, TRANSFORMERS, CONTROLLERS, AND OTHER COMPONENTS NECESSARY FOR A COMPLETE AND FULLY FUNCTIONAL INSTALLATION.
- b. WHERE DIMMERS AND/OR DIMMING SYSTEMS ARE REQUIRED, CONTRACTOR TO FURNISH DIMMERS THAT ARE COMPATIBLE WITH FIXTURE SOURCE AND RATED FOR THE WATTAGE OF THE DIMMING ZONE. PROVIDE ADDITIONAL DIMMERS AS REQUIRED TO MEET ZONE LOAD REQUIREMENTS.
- 34. TELEPHONE SYSTEM
- a. TELEPHONE WIRING AND SYSTEM IS EXISTING TO REMAIN. FIELD VERIFY THAT ALL WIRING AND HARDWARE IS IN GOOD WORKING CONDITION, COORDINATE REPAIRS OR REPLACEMENTS WITH OWNER AND ARCHITECT.
- 35. SECURITY SYSTEM NOTES
- a. SECURITY WIRING AND SYSTEM ARE EXISTING TO REMAIN. FIELD VERIFY THAT ALL WIRING AND HARDWARE IS IN GOOD WORKING CONDITION, COORDINATE REPAIRS OR REPLACEMENTS WITH OWNER AND ARCHITECT
- 36. DATA/POS/A-V/SYSTEM NOTES
- a. DATA, POS AND/OR A-V WIRING AND SYSTEMS ARE EXISTING TO REMAIN. FIELD VERIFY THAT ALL WIRING AND HARDWARE IS IN GOOD WORKING CONDITION, COORDINATE REPAIRS OR REPLACEMENTS WITH OWNER AND ARCHITECT.

