

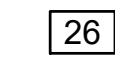
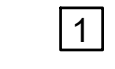
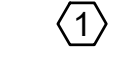





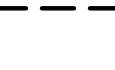



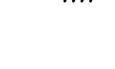

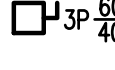



ELECTRICAL LEGEND





LIGHTING:

	EXISTING 2' X 4' LIGHT FIXTURE.
	EXISTING EXIT LIGHT FIXTURE.
	ROOM NUMBER INDICATOR.
	NEW WORK NOTE INDICATOR.
	DEMOLITION NOTE INDICATOR.

POWER:

	EXISTING DRY TYPE TRANSFORMER.
	EXISTING ELECTRICAL CONNECTION TO EQUIPMENT.
	PANELBOARD, 480Y/277 VOLT.
	PANELBOARD, 208Y/120 VOLT.
	EXISTING DUPLEX RECEPTACLE, 20A, 120V.
	EXISTING CONDUIT RUN CONCEALED ABOVE CEILING.
	EXISTING HOMERUNS TO PANEL. PANEL & CIRCUIT DESIGNATIONS AS INDICATED.
	NEW CONDUIT RUN CONCEALED ABOVE CEILING.
	NEW HOMERUNS TO PANEL. PANEL & CIRCUIT DESIGNATIONS AS INDICATED.
	NEW BRANCH CIRCUIT OR FEEDER WIRING IN CONDUIT. NO TICK MARKS INDICATES 2 #12 CONDUCTORS & 1 #12 GND IN 1/2" CONDUIT U.O.N. TICK MARKS, WHEN SHOWN, INDICATE NUMBER OF CONDUCTORS IF OTHER THAN THREE: (7) INDICATES GROUNDING CONDUCTOR. SEE PANEL SCHEDULES AND NOTES ON DRAWINGS FOR CONDUCTOR SIZES LARGER THAN #12.
	EXISTING DISCONNECT SWITCH, 600V, U.O.N.: 3P = NUMBER OF POLES, 60 = SWITCH RATING, 40 = FUSE RATING. 3R = NEMA 3R ENCLOSURE.
	EMERGENCY GENERATOR SHUT-OFF PUSHBUTTON; INSTALL +48" A.F.F.
	PLAN CALLOUT INDICATOR.

AUXILIARY SYSTEMS:

	EXISTING FIRE ALARM CONTROL PANEL.
	EXISTING FIRE ALARM POWER EXTENDER PANEL.
	GENERATOR ANNUNCIATOR PANEL.
	EXISTING IDF / MDF DATA RACK.

ABBREVIATIONS

A	AMP
A.F.F.	ABOVE FINISHED FLOOR
ATS	AUTOMATIC TRANSFER SWITCH
CIRC. OR CKT.	CIRCUIT
CU	CONDENSING UNIT
FACP	FIRE ALARM CONTROL PANEL
FAPEP	FIRE ALARM POWER EXTENDER PANEL
GAP	GENERATOR REMOTE ANNUNCIATOR PANEL
GND	GROUND
IDF	INTERMEDIATE DISTRIBUTION FRAME
KAIC	KILO-AMPERE INTERRUPTING CAPACITY
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
MDP	MAIN DISTRIBUTION PANELBOARD
MTD.	MOUNTED
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
NO.	NUMBER
UL	UNDERWRITER'S LABORATORIES
U.O.N.	UNLESS OTHERWISE NOTED
V	VOLT
W	WIRE
WP	WEATHERPROOF
XFMR	TRANSFORMER
Y	WYE

GENERAL DEMOLITION NOTES:

1. MAINTAIN CONTINUITY OF ALL EXISTING CIRCUITS TO REMAIN OR PORTIONS THEREOF AFFECTED BY NEW WORK.
2. EXISTING CONDITIONS ILLUSTRATED HAVE BEEN DETERMINED FROM ORIGINAL CONSTRUCTION DOCUMENTS AND LIMITED NON-INVASIVE FIELD INVESTIGATION. THE CONTRACTOR SHALL INVESTIGATE FIELD CONDITIONS PRIOR TO COMMENCEMENT OF WORK, COORDINATE AND MAKE ADJUSTMENTS AS NECESSARY.

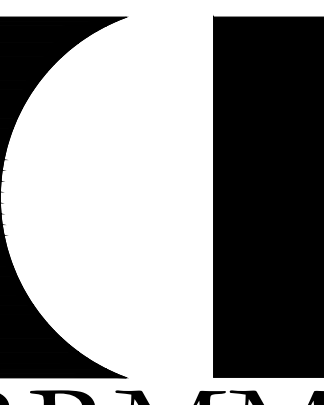
GENERAL NEW WORK NOTES:

1. WHERE INDIVIDUAL 120V HOMERUN CIRCUITS ARE SHOWN ON THE DRAWINGS, THEY MAY BE COMBINED AS FOLLOWS:
 - NO MORE THAN THREE (3) PHASE CONDUCTORS PLUS THREE NEUTRALS AND ONE (1) GROUND PER CONDUIT, EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE.
 - NO TWO OF THE SAME PHASE CONDUCTOR PER CONDUIT.
 - PROVIDE 120V CIRCUIT WITH INDIVIDUAL NEUTRALS PER CIRCUIT. NEUTRALS MAY NOT BE SHARED BETWEEN PHASES.
2. PROVIDE A TYPED PANEL INDEX CARD FOR EACH PANELBOARD UPON COMPLETION OF INSTALLATION WORK. INDICATE LOAD SERVED AND ROOM NUMBER(S). USE FINAL ROOM NUMBERS OBTAINED FROM THE ARCHITECT OR OWNER, NOT CONSTRUCTION ROOM NUMBERS AS SHOWN ON THE DRAWINGS.
3. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF EXISTING CEILING TILES AS REQUIRED TO INSTALL NEW CIRCUITRY. REINSTALL EXISTING CEILING TILES AFTER COMPLETION OF WORK. REPLACE ALL CEILING TILES DAMAGED DURING THIS PROJECT WITH NEW TILES TO MATCH EXISTING TO THE SATISFACTION OF THE ARCHITECT AND OWNER.
4. EXERCISE CARE IN REMOVING MATERIAL AND EQUIPMENT DURING DEMOLITION. REPAIR ANY DAMAGE TO EXISTING SURFACES OR EXISTING EQUIPMENT TO REMAIN TO THE SATISFACTION OF THE ARCHITECT AND OWNER AT NO COST TO THE OWNER.
5. ALL MATERIAL REMOVED DURING DEMOLITION (AND NOT CALLED OUT TO BE REINSTALLED) SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE JOB SITE, UNLESS OTHERWISE NOTED. THE OWNER RESERVES THE RIGHT TO SALVAGE ANY OR ALL EXISTING MATERIAL AND/OR EQUIPMENT NOT SCHEDULED TO BE REINSTALLED.
6. VERIFY ALL CIRCUITS SAVED DURING DEMOLITION AS TO WIRE SIZE AND POINT OF ORIGIN.
7. WHERE THE TERM "BRANCH CIRCUITRY" IS USED ON THESE DRAWINGS, IT IS TO BE CONSTRUED TO MEAN CONDUIT AND CONDUCTORS.
8. INSTALL DEVICES SHOWN ON DRAWINGS IN ACCORDANCE WITH MOUNTING HEIGHTS SHOWN IN THE ELECTRICAL LEGEND AND/OR THE PROJECT SPECIFICATIONS.

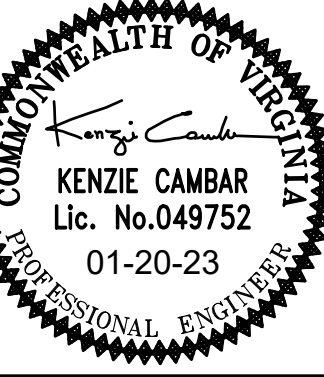


DESCRIPTION
BY
MARK DATE
REVISIONS

DATE	01-20-23	CAB	CAB	KC
PROJECT	21215-02	DESIGNED	DRAWN	CHECKED

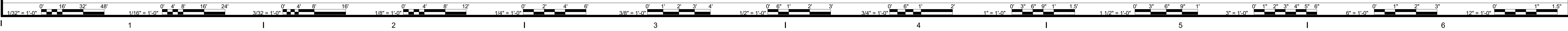


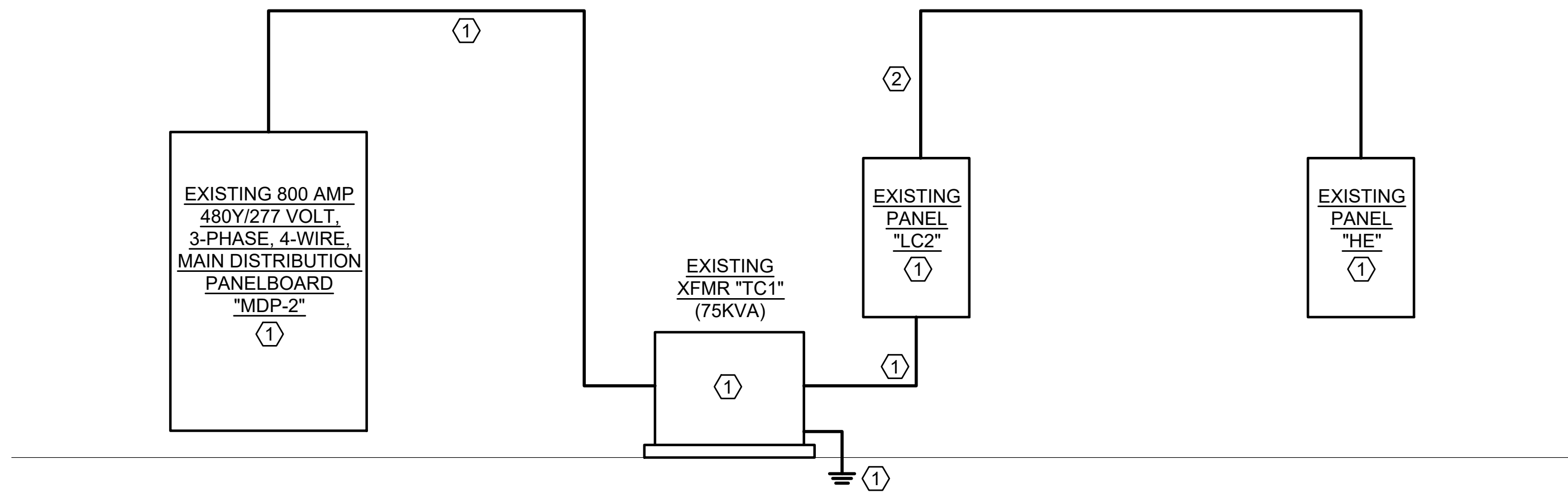
RRMM[®]
ARCHITECTS, PC
115 South 15 Street, Suite 202
Richmond, Virginia 23219
(804)277-8987



PROJECT DINWIDDIE COUNTY PUBLIC SCHOOLS - DINWIDDIE MIDDLE SCHOOL
EMERGENCY GENERATOR ADDITION
11608 COURTHOUSE ROAD, DINWIDDIE, VA. 23841
DRAWING ELECTRICAL LEGEND, ABBREVIATIONS AND NOTES

SHEET
E0.1





PARTIAL POWER RISER DIAGRAM - DEMOLITION

NOT TO SCALE

DEMOLITION NOTES: (THIS DRAWING ONLY)

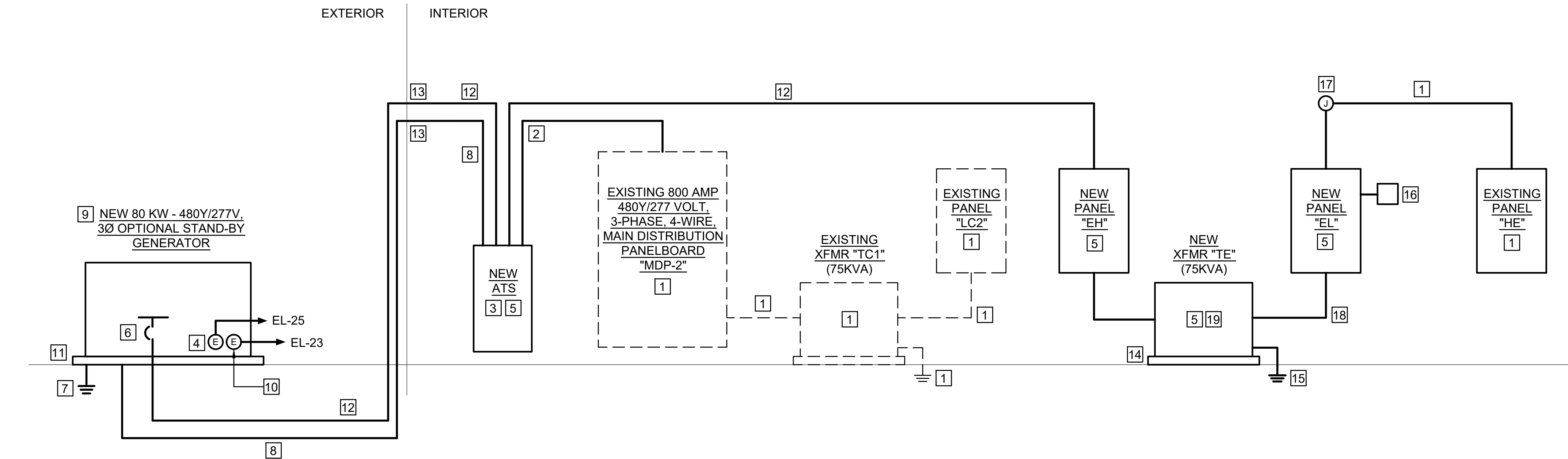
- ① EXISTING TO REMAIN.
- ② DISCONNECT AND REMOVE EXISTING FEEDER CONDUIT AND CONDUCTORS SERVING PANEL "HE" FROM PANEL "LC2" TO ABOVE PANEL "LC2". SAVE REMAINING FEEDER CONDUIT AND CONDUCTORS TO PANEL "HE" FOR REUSE. LABEL CIRCUIT BREAKER "SPARE".

NEW PANEL "EH" 225 AMP 480Y/277V, 3Ø, 4W, M.L.O., SURFACE MTD.

LOAD SERVED	LOAD (AMPS)			CKT. BKR. KALC TRIP	WIRE SIZE	CKT. NO.	PHASE			CKT. NO.	WIRE SIZE	CKT. BKR. KALC TRIP	LOAD (AMPS)			LOAD SERVED	
	A	B	C				A	B	C				A	B	C		
EMERGENCY LIGHTS	7			25	20	12	1			2	12	25	15	4			B-1
EMERGENCY LIGHTS		10			20	12	3			4				4			
EMERGENCY LIGHTS			12		20	12	5			6					4		
EMERGENCY LIGHTS	6				20	12	7			8	8		40	21			P-1
EMERGENCY LIGHTS		6			20	12	9			10				21			
SPACE						11				12					21		
SPACE						13				14							SPACE
SPACE						15				16							SPACE
SPACE						17				18							SPACE
SPACE						19				20							SPACE
SPACE						21				22							SPACE
SPACE						23				24							SPACE
SPACE						25				26	1	125	71				PANEL "EL" VIA XFMR "TE"
SPACE						27				28				74.3			
SPACE						29				30					73		

PANEL "EL" 250 AMP 208Y/120V, 3Ø, 4W, M.C.B., SURFACE MTD.

LOAD SERVED	LOAD (AMPS)			CKT. BKR. KALC TRIP	WIRE SIZE	CKT. NO.	PHASE			CKT. NO.	WIRE SIZE	CKT. BKR. KALC TRIP	LOAD (AMPS)			LOAD SERVED	
	A	B	C				A	B	C				A	B	C		
FACP	10			22	20	10	1			2	10	22	15	2			COOLER - EVAPORATOR
FAPEP		10			20	10	3			4				2			
FAPEP			10		20	12	5			6					2		
FAPEP	10				20	12	7			8	10		15	10			COOLER - CU
FAPEP		10			20	12	9			10				10			
IDF - AREA "A1"			10		20	10	11			12					10		
IDF - AREA "A2"	10				20	10	13			14	10		15	6			FREEZER - EVAPORATOR
IDF - AREA "E"		10			20	10	15			16				6			
IDF - AREA "F"			10		20	10	17			18					6		
WALK-IN COOLER	12				20	10	19			20	10		20	15			FREEZER - CU
WALK-IN FREEZER		12			20	10	21			22				15			
JACKET WATER HEATER			15		20	10	23			24					15		
BATTERY CHARGER	10				20	10	25			26	8		20	10			C-2 EVAPORATOR
CU-3		29			40	8	27			28	8		20		6		
CU-3			29		29		29			30	8		20		6		
DDC PANEL	10				20	10	31			32	8		20	10			C-1 EVAPORATOR
AHU-3		6			20	12	33			34	8		20	6			
SPD			1		30	10	37			38	6		60	48			
SPD			1		39		41			40					48		EXISTING PANEL "HE"
SPD			1		41					42					48		



PARTIAL POWER RISER DIAGRAM - NEW WORK

NOT TO SCALE

POWER RISER DIAGRAM NOTES:

- ① EXISTING TO REMAIN.
- ② PROVIDE 3 #1/0, 1 #1/0 NEUTRAL AND 1 #6 GROUND IN 2" CONDUIT AND CONNECT TO EXISTING SPARE 150A-3P CIRCUIT BREAKER IN EXISTING "MDS-2".
- ③ PROVIDE 150 AMP, 4-POLE NEMA 3R RATED AUTOMATIC TRANSFER SWITCH (ATS). SEE SPECIFICATION SECTION 263213 FOR ADDITIONAL INFORMATION.
- ④ PROVIDE ELECTRICAL CONNECTION TO BATTERY CHARGER. COORDINATE REQUIREMENTS WITH GENERATOR MANUFACTURER.
- ⑤ PROVIDE BAKELITE NAMEPLATE ON EQUIPMENT INDICATING "OPTIONAL STAND-BY SYSTEM" IN ACCORDANCE WITH ARTICLES 702.7 OF N.E.C.
- ⑥ PROVIDE 150A-3P CIRCUIT BREAKER IN GENERATOR. LABEL CIRCUIT BREAKER "ATS".
- ⑦ BOND NEUTRAL TO GROUND AT GENERATOR. PROVIDE #4 GROUNDING ELECTRODE CONDUCTOR IN 1" CONDUIT TO GROUND ROD IN ACCORDANCE WITH ARTICLE 250 OF THE N.E.C.
- ⑧ PROVIDE 1" CONDUIT FOR GENERATOR CONTROL WIRING. COORDINATE NUMBER AND SIZE OF CONTROL WIRES WITH THE GENERATOR MANUFACTURER.
- ⑨ CONTRACTOR SHALL INSTALL OWNER FURNISHED STAND-BY GENERATOR. COORDINATE REQUIREMENTS WITH THE OWNER.
- ⑩ PROVIDE ELECTRICAL CONNECTION TO JACKET WATER HEATER. COORDINATE REQUIREMENTS WITH GENERATOR MANUFACTURER.
- ⑪ PROVIDE CONCRETE PAD FOR GENERATOR. SEE DRAWING E1.1 FOR ADDITIONAL INFORMATION.
- ⑫ PROVIDE 3 #1/0, 1 #1/0 NEUTRALS AND 1 #6 GROUND IN 2" CONDUIT.
- ⑬ CORE DRILL EXTERIOR WALL FOR CONDUIT. FILL VOID AROUND CONDUIT TO MAKE WATER-TIGHT. PROVIDE WEATHERPROOF LB CONDULET ON EXTERIOR WALL.
- ⑭ PROVIDE CONCRETE HOUSEKEEPING PAD IN ACCORDANCE WITH SPECIFICATION SECTION 262200.
- ⑮ PROVIDE 1 #2 GROUNDING ELECTRODE CONDUCTOR TO BUILDING STEEL IN ACCORDANCE WITH ARTICLE 250 OF THE N.E.C.
- ⑯ PROVIDE SPD IN ACCORDANCE WITH SPECIFICATION SECTION 264313. PROVIDE 4 #10 AND 1 #12 GROUND IN 1/2" CONDUIT. TERMINATE IN 30A-3P CIRCUIT BREAKER IN PANEL INDICATED.
- ⑰ PROVIDE JUNCTION BOX ON END OF EXISTING FEEDER CONDUIT AND CONDUCTORS SAVED DURING DEMOLITION. PROVIDE 3 #6, 1 #8 NEUTRAL AND 1 #8 GROUND IN 1-1/4" CONDUIT AND CONNECT TO NEW PANEL "EL". SEE PANEL SCHEDULE "EL" ON THIS DRAWING FOR ADDITIONAL INFORMATION.
- ⑱ PROVIDE 3-250KCMIL, 2-250KCMIL NEUTRALS AND 1 #2 GROUND IN 3" CONDUIT.
- ⑲ PROVIDE TRANSFORMER IN ACCORDANCE WITH TRANSFORMER SCHEDULE ON THIS DRAWING AND SPECIFICATION SECTION 262200.

TRANSFORMER SCHEDULE							
TRANSF. No.	KVA	PRIMARY	SECONDARY	ROOM NUMBER	APPROX. WT.	MOUNTING	REMARKS
XFMR "TE"	75	480V	208Y/120	C07	865 LBS.	FLOOR	K4 RATED

NOTE: PROVIDE A TYPED PANEL INDEX CARD FOR EACH PANELBOARD UPON COMPLETION OF INSTALLATION WORK. INDICATE LOAD SERVED AND ROOM NUMBER(S). USE FINAL ROOM NUMBERS OBTAINED FROM THE ARCHITECT OR OWNER, NOT CONSTRUCTION ROOM NUMBERS AS SHOWN ON THE DRAWINGS.

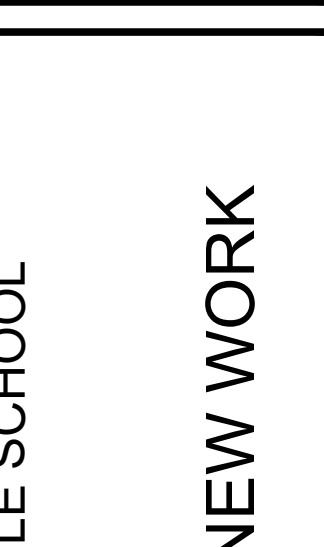


DATE	PROJECT	DESIGNED	DRAWN	CHECKED	CAB	CAB	KC
01-20-23	21215-02						

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	CAB	CAB	KC
01-20-23	21215-02						



RRRM ARCHITECTS, PC
115 South 15 Street, Suite 202
Richmond, Virginia 23219
(804)277-8987



PROJECT: DINWIDDIE COUNTY PUBLIC SCHOOLS - DINWIDDIE MIDDLE SCHOOL
EMERGENCY GENERATOR ADDITION
11608 COURTHOUSE ROAD, DINWIDDIE, VA. 23841
DRAWING: POWER RISER DIAGRAM - DEMOLITION & NEW WORK

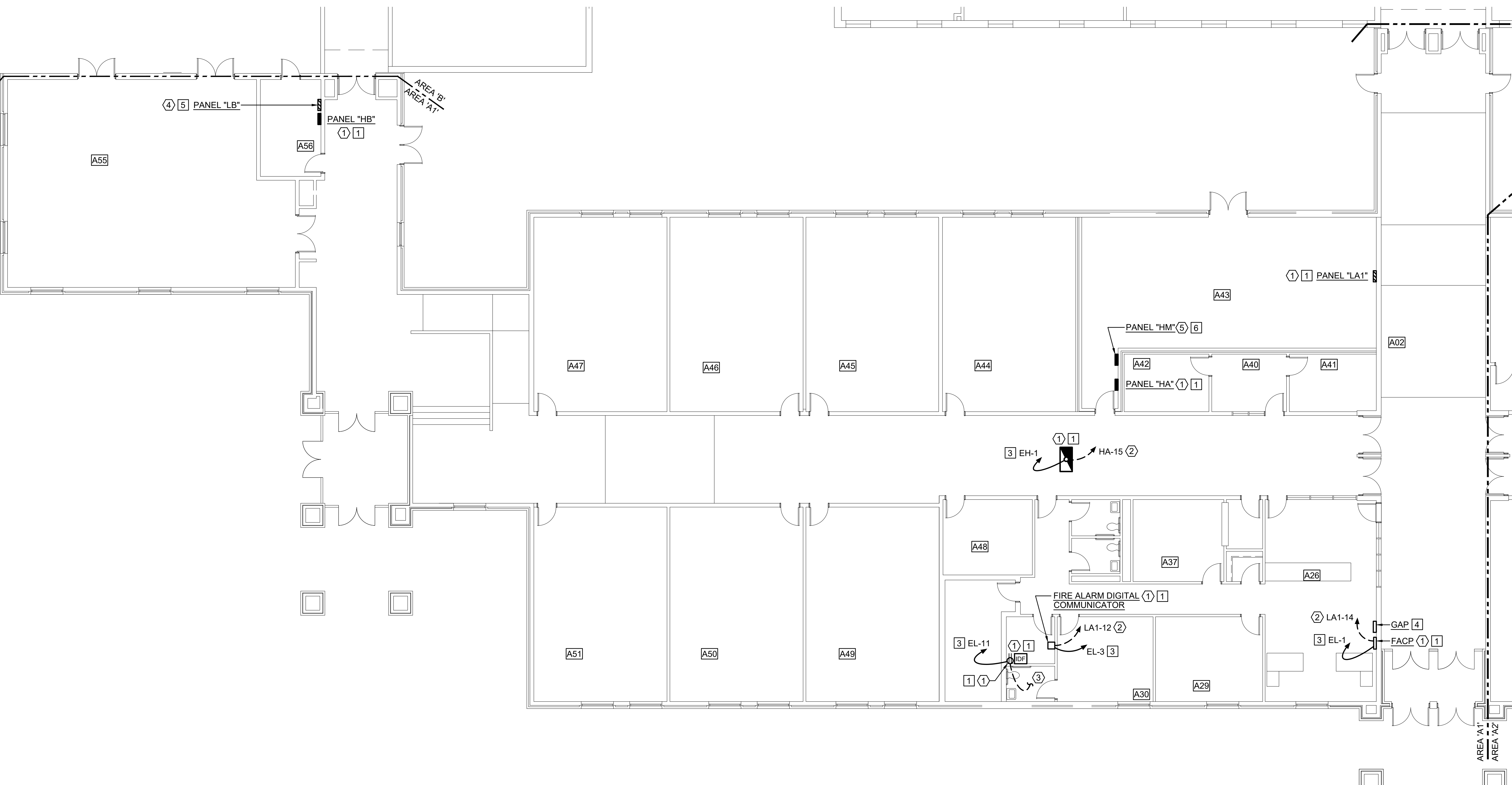
SHEET: **E0.2**

DEMOLITION NOTES: (THIS DRAWING ONLY)

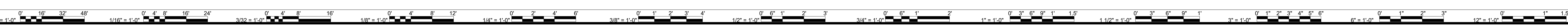
- ① EXISTING TO REMAIN.
- ② REMOVE HOMERUN CONDUIT AND CONDUCTORS BACK TO INDICATED PANELBOARD. LABEL CIRCUIT BREAKER "SPARE".
- ③ REMOVE HOMERUN CONDUIT AND CONDUCTORS BACK TO POINT OF ORIGIN.
- ④ EXISTING PANELBOARD TO REMAIN. DISCONNECT AND REMOVE BRANCH CIRCUITS CONNECTED TO 20A-1P CIRCUIT BREAKERS NUMBER 19, 24, 26, 28 AND 30 (SERVING EXISTING CHILLERS HEAT TRACE, EVAPORATOR / CRANKCASE HEATERS, AND RECEPTACLE IN PUMP HOUSE) TO ABOVE PANELBOARD AND SAVE FOR REUSE. LABEL CIRCUIT BREAKERS "SPARE".
- ⑤ EXISTING PANELBOARD TO REMAIN. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTED TO 40A-3P CIRCUIT BREAKER NUMBER 20,24,26 (SERVING HOT WATER PUMP P-1) AND 15A-3P CIRCUIT BREAKER NUMBER 31,33,35 (SERVING BOILER #1) TO ABOVE PANELBOARD AND SAVE FOR REUSE. LABEL CIRCUIT BREAKERS "SPARE".

NEW WORK NOTES: (THIS DRAWING ONLY)

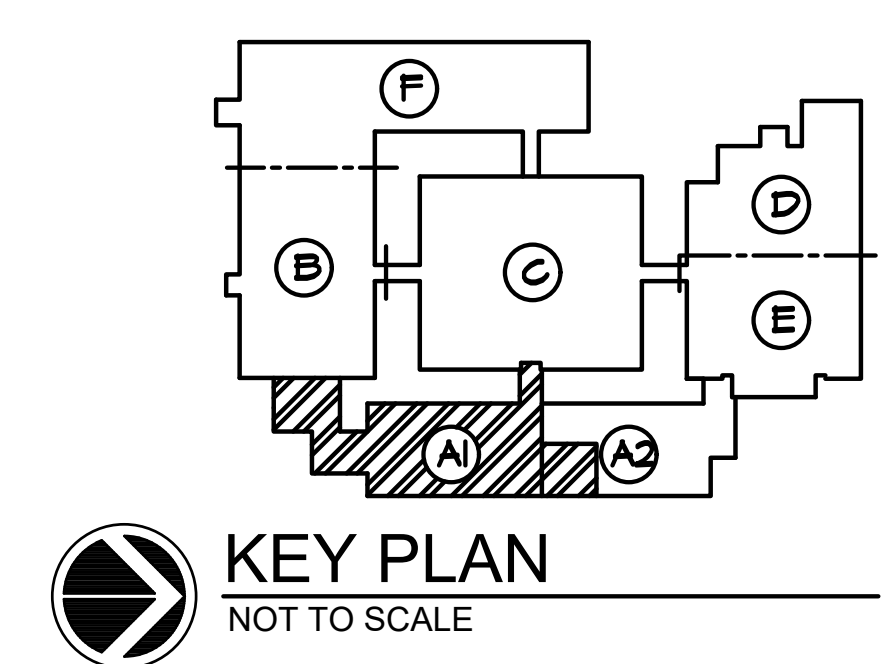
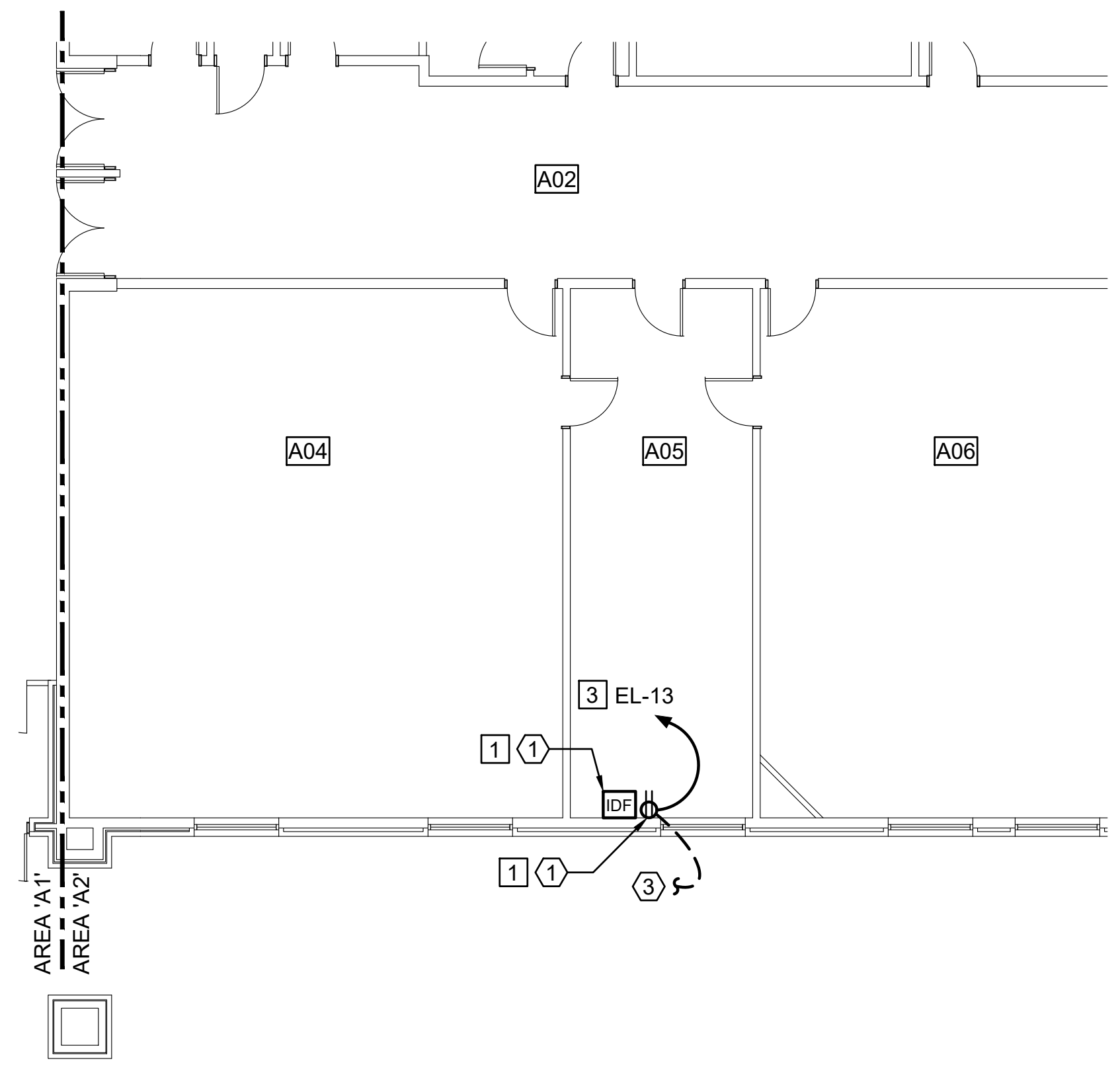
- ① EXISTING REUSED.
- ② SEE DRAWING E1.3 FOR LOCATION OF PANELS "EH" AND "EL".
- ③ PROVIDE ELECTRICAL CONNECTION TO EXISTING EQUIPMENT SAVED DURING DEMOLITION. SEE PANEL SCHEDULE ON DRAWING E0.2 FOR ADDITIONAL INFORMATION.
- ④ INSTALL GENERATOR REMOTE ANNUNCIATOR PANEL +6'-0" A.F.F. COORDINATE EXACT LOCATION WITH THE OWNER. PROVIDE 1" CONDUIT WITH CONDUCTORS TO GENERATOR CONTROL PANEL.
- ⑤ PROVIDE JUNCTION BOX ON END OF EACH EXISTING BRANCH CIRCUITRY (LB-19, 24, 26, 28 AND 30) SAVED DURING DEMOLITION. PROVIDE 2 #8 AND 1 #10 GROUND IN 3/4" CONDUIT FROM EACH JUNCTION BOX AND TERMINATE AT NEW PANEL "EL". SEE PANEL "EL" SCHEDULE ON DRAWING E0.2 FOR ADDITIONAL INFORMATION AND DRAWING E1.3 FOR LOCATION OF PANEL "EL".
- ⑥ PROVIDE JUNCTION BOX ON END OF EXISTING BRANCH CIRCUITRY (HM-20,22,24) SAVED DURING DEMOLITION. PROVIDE 3 #6 AND 1 #10 GROUND IN 3/4" CONDUIT FROM NEW JUNCTION BOX AND TERMINATE AT NEW PANEL "EH". 40A-3P CIRCUIT BREAKER NUMBER 8,10,12. PROVIDE JUNCTION BOX ON END OF EXISTING BRANCH CIRCUITRY (HM-31,33, 35) SAVED DURING DEMOLITION. PROVIDE 3 #10 AND 1 #10 GROUND IN 3/4" CONDUIT FROM NEW JUNCTION BOX TO NEW PANEL "EH". 15A-3P CIRCUIT BREAKER 2,4,6. SEE NEW PANEL "EH" SCHEDULE ON DRAWING E0.2 FOR ADDITIONAL INFORMATION AND DRAWING E1.3 FOR LOCATION OF NEW PANEL "EH".



FLOOR PLAN - AREA 'A1' - DEMOLITION & NEW WORK [2]
SCALE: 1/8" = 1'-0"



PARTIAL FLOOR PLAN - AREA 'A2' - DEMOLITION & NEW WORK [2]
SCALE: 1/8" = 1'-0"



KEY PLAN
NOT TO SCALE



THOMPSON
Consulting Engineers

2 ENGINEER PARKWAY, SUITE 200, FARMERSVILLE, VA 22429
4805 COLLETT ROAD, SUITE 200, FARMERSVILLE, VA 22429
1000 COMMONWEALTH AVENUE, SUITE 200, RICHMOND, VA 23219
TEL: 804-277-8987

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	BY	REVISIONS
01-20-23	21215-02	CAB	CAB	KC		



RRMM
ARCHITECTS, PC
115 South 15 Street, Suite 202
Richmond, Virginia 23219
(804)277-8987

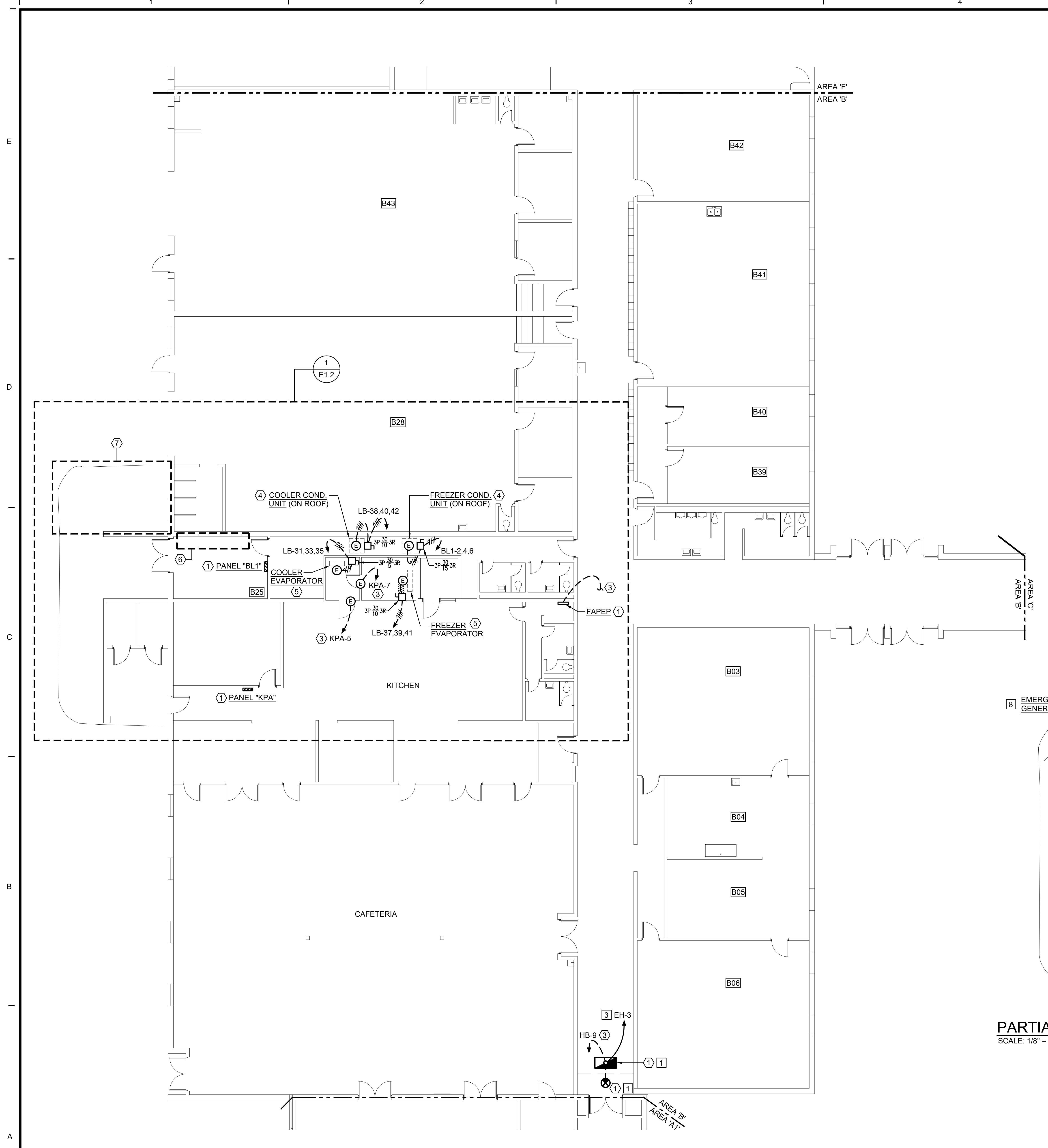


KENZIE CAMBAR
Lic. No. 049752
01-20-23

PROJECT: DINWIDDIE COUNTY PUBLIC SCHOOLS - DINWIDDIE MIDDLE SCHOOL
EMERGENCY GENERATOR ADDITION
11608 COURTHOUSE ROAD, DINWIDDIE, VA. 23841

DRAWING: FLOOR PLANS - AREAS 'A' & 'A2' - DEMOLITION & NEW WORK

SHEET
E1.1



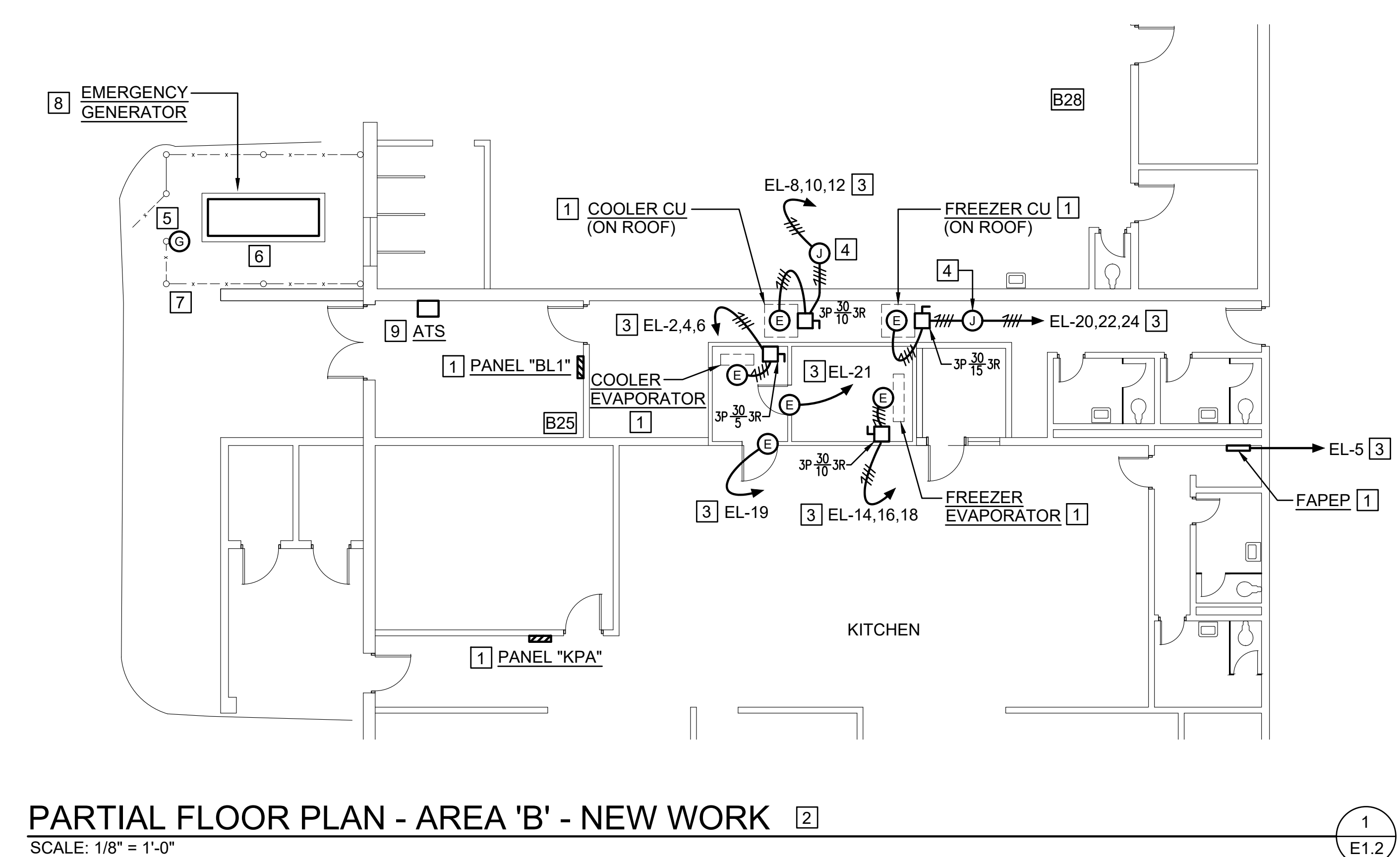
FLOOR PLAN - AREA 'B' - DEMOLITION & NEW WORK ② ②
 SCALE: 1/8" = 1'-0"

DEMOLITION NOTES: (THIS DRAWING ONLY)

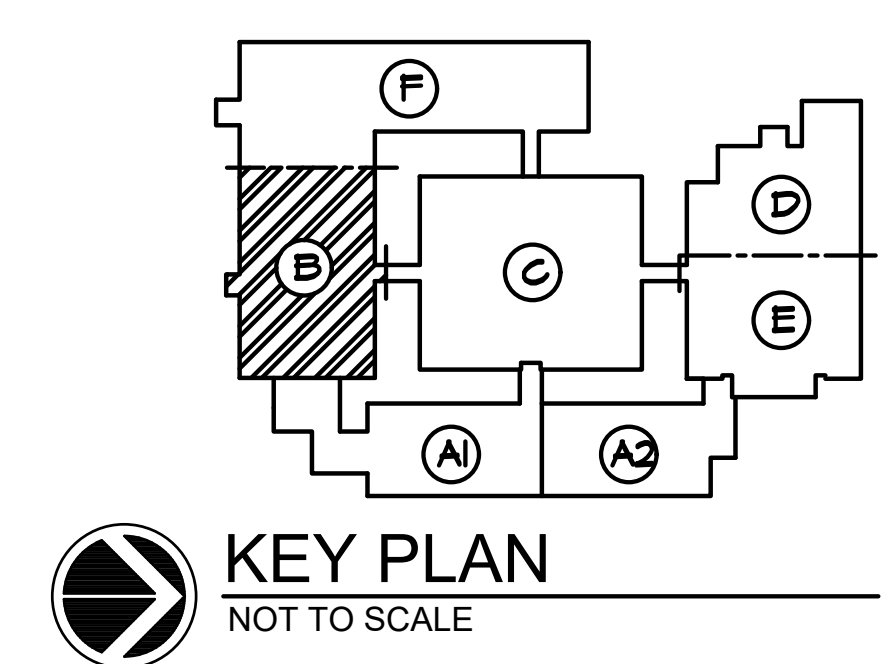
- ① EXISTING TO REMAIN.
- ② SEE DRAWING E.1.1 FOR LOCATION OF PANELS "HB" AND "LB".
- ③ REMOVE HOMERUN CONDUIT AND CONDUCTORS BACK TO POINT OF ORIGIN.
- ④ EXISTING ELECTRICAL CONNECTION, DISCONNECT SWITCH AND CONDUIT AND CONDUCTORS BETWEEN ELECTRICAL CONNECTION AND DISCONNECT SWITCH TO REMAIN. SAVE A PORTION OF HOMERUN CONDUIT AND CONDUCTORS TO BELOW ROOF. REMOVE REMAINING HOMERUN CONDUIT AND CONDUCTORS BACK TO PANELBOARD. LABEL CIRCUIT BREAKER 'SPARE'.
- ⑤ EXISTING ELECTRICAL CONNECTION, DISCONNECT SWITCH AND CONDUIT AND CONDUCTORS BETWEEN ELECTRICAL CONNECTION AND DISCONNECT SWITCH TO REMAIN. REMOVE HOMERUN CONDUIT AND CONDUCTORS FROM DISCONNECT SWITCH BACK TO PANELBOARD. LABEL CIRCUIT BREAKER 'SPARE'.
- ⑥ REMOVE ALL EXISTING ABANDONED HVAC CONTROL PANELS, CONDUIT AND CONDUCTORS ON THIS WALL. COORDINATE THIS WORK WITH THE OWNER.
- ⑦ REMOVE PORTION OF EXISTING CONCRETE SLAB AND CURB TO BE REMOVED TO ALLOW FOR NEW CONCRETE PAD FOR NEW EMERGENCY GENERATOR. SEE 'PARTIAL FLOOR PLAN - AREA 'B' - NEW WORK' ON THIS DRAWING FOR LOCATION OF NEW EMERGENCY GENERATOR.

NEW WORK NOTES: (THIS DRAWING ONLY)

- ① EXISTING REUSED.
- ② SEE DRAWING E.1.3 FOR LOCATION OF PANELS "EH" AND "EL".
- ③ PROVIDE ELECTRICAL CONNECTION TO EXISTING EQUIPMENT SAVED DURING DEMOLITION. SEE PANEL SCHEDULE ON DRAWING E0.2 FOR ADDITIONAL INFORMATION.
- ④ PROVIDE JUNCTION BOX ON END OF CONDUIT AND CONDUCTORS SAVED DURING DEMOLITION AND EXTEND CONDUIT AND CONDUCTORS TO NEW PANEL AND SPACE INDICATED.
- ⑤ INSTALL GENERATOR EMERGENCY PUSHBUTTON IN A SURFACE MOUNTED WEATHERPROOF OUTLET BOX. PROVIDE 3/4" CONDUIT WITH CONDUCTORS TO GENERATOR CONTROL PANEL. COORDINATE QUANTITY AND SIZE OF CONDUCTORS WITH GENERATOR MANUFACTURER. RUN CONDUIT EXPOSED DOWN EXTERIOR WALL TO BELOW GRADE AND TERMINATE IN GENERATOR CONTROL PANEL.
- ⑥ SAW CUT EXISTING ASPHALT PAVEMENT FOR INSTALLATION OF GENERATOR CONCRETE PAD, CONDUITS LEAVING THE GENERATOR AND THE FENCE AROUND THE GENERATOR. PROVIDE NEW ASPHALT PAVEMENT TO MATCH EXISTING TO THE SATISFACTION OF THE OWNER.
- ⑦ PROVIDE 6'-0" HIGH GALVANIZED CHAIN LINK FENCE. PROVIDE 4'-0" LOCKABLE GATE. FENCE AND GATES SHALL BE DARK GREEN IN COLOR. FENCE SHALL BE PVC COATED. POST AND RAILS SHALL BE POWDER COATED. FENCE POSTS SHALL BE INSTALLED 24" BELOW GRADE MINIMUM. CONTRACTOR SHALL SET FENCE POSTS IS 12" OF CONCRETE SURROUNDING THE POST. CONCRETE SHALL BE SET FLUSH WITH THE TOP OF THE EXISTING ASPHALT PAVEMENT.
- ⑧ GENERATOR CONCRETE PAD. PROVIDE 8" THICK CONCRETE PAD. GENERATOR PAD SHALL HAVE AIR ENTRAINED 3500 PSI FIBER REINFORCED CONCRETE WITH #4 REBAR 12" O.C. EACH WAY. GENERATOR PAD SHALL HAVE 10" WIDE 12" DEEP TURNED DOWN EDGE WITH 2 EA #4 REBARS AT 2" FROM THE BOTTOM. PROVIDE 45 DEGREE CHAMFERED EDGES AT GENERATOR PAD. GENERATOR PAD SHALL BE MINIMUM OF 2" ABOVE SURROUNDING ELEVATION.
- ⑨ PROVIDE NEW "ATS". SEE "PARTIAL POWER RISER DIAGRAM - NEW WORK" ON DRAWING E0.2 FOR ADDITIONAL INFORMATION.



PARTIAL FLOOR PLAN - AREA 'B' - NEW WORK ②
 SCALE: 1/8" = 1'-0"





THOMPSON
 Consulting Engineers

2100 E. HARRISON AVENUE, SUITE 200, RICHMOND, VA 23219
 804.277.8987

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	MARK	DATE	REVISIONS
01-20-23	21215-02	CAB	CAB	KC			



RRMM
 ARCHITECTS, P.C.

115 South 15 Street, Suite 202
 Richmond, Virginia 23219
 (804)277-8987

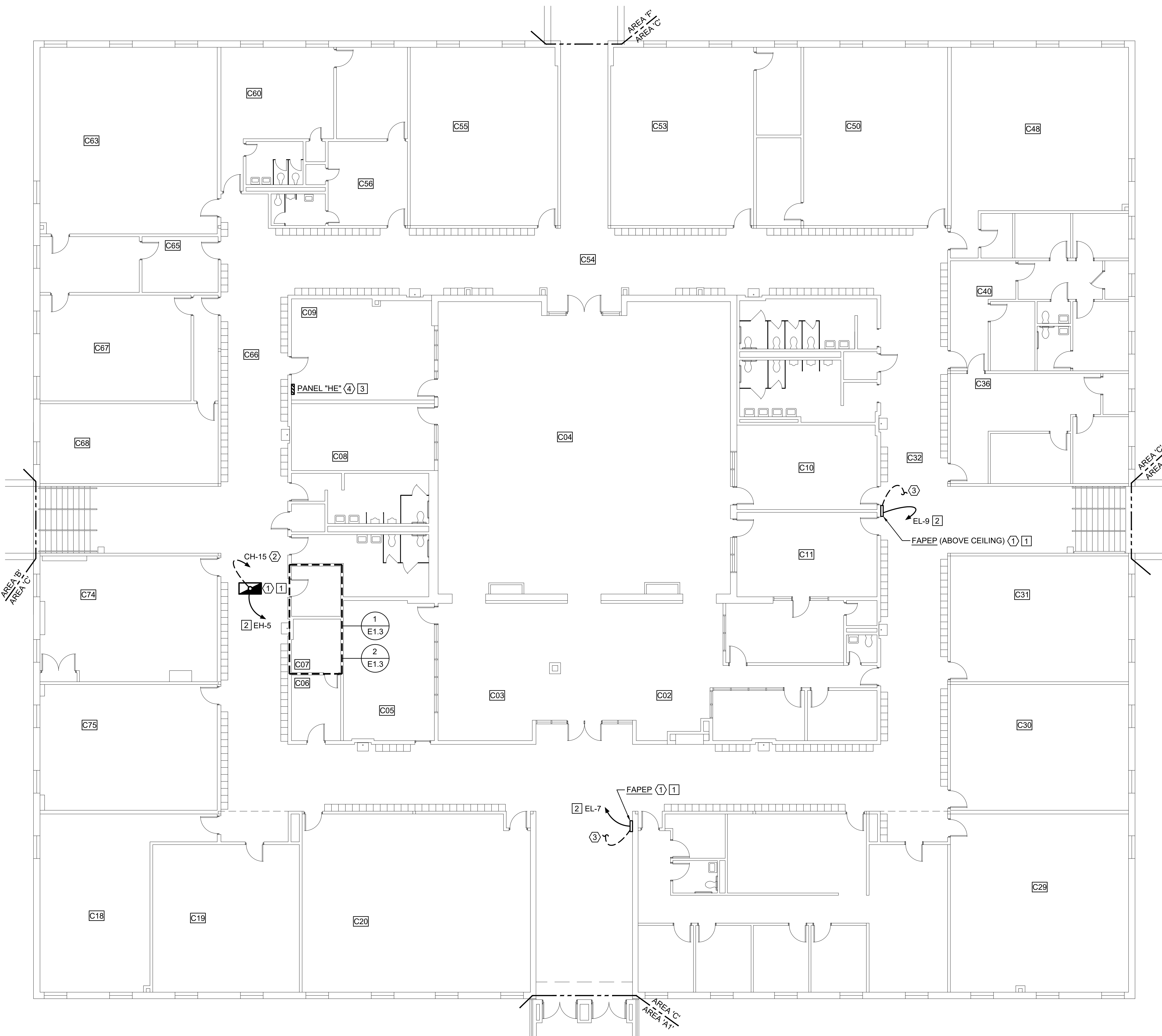


KENZIE CAMBAR
 Lic. No. 049752
 01-20-23

PROJECT: DINWIDDIE COUNTY PUBLIC SCHOOLS - DINWIDDIE MIDDLE SCHOOL
 EMERGENCY GENERATOR ADDITION
 11608 COURTHOUSE ROAD, DINWIDDIE, VA. 23841

DRAWING: FLOOR PLAN - AREA 'B' - DEMOLITION & NEW WORK

SHEET
E1.2



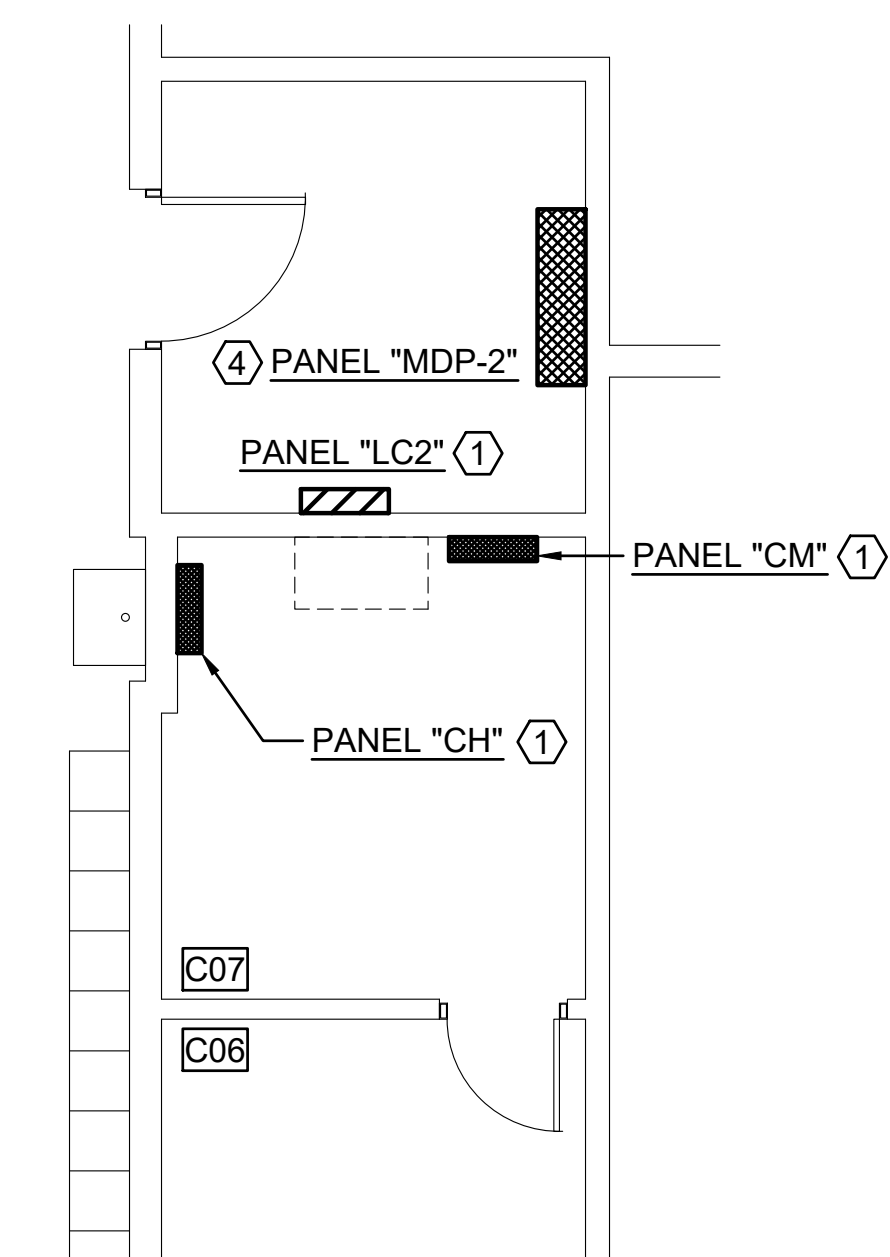
FLOOR PLAN - AREA 'C' - DEMOLITION & NEW WORK
SCALE: 1/8" = 1'-0"

DEMOLITION NOTES: (THIS DRAWING ONLY)

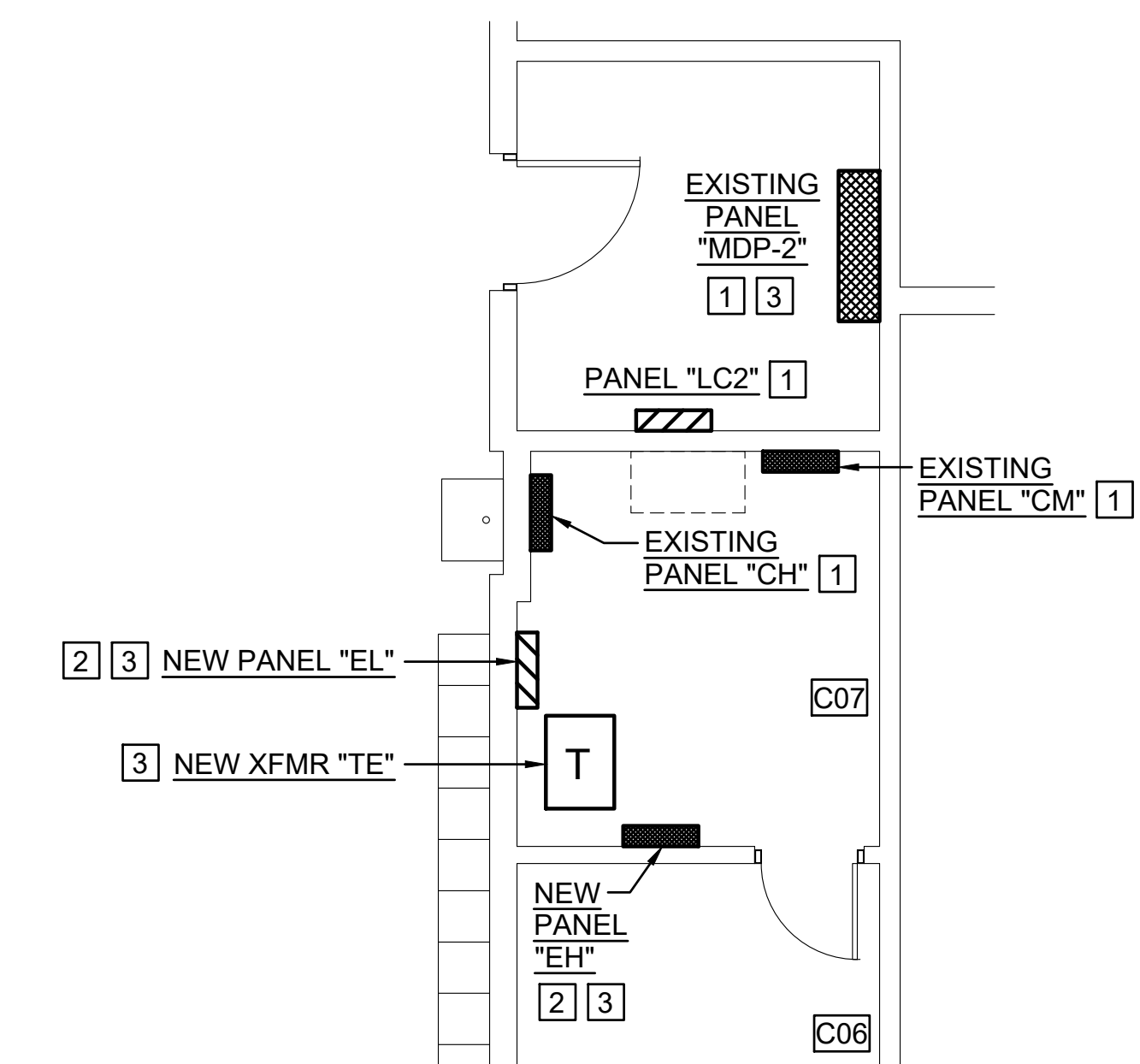
- ① EXISTING TO REMAIN.
- ② REMOVE HOMERUN CONDUIT AND CONDUCTORS BACK TO INDICATED PANELBOARD. LABEL CIRCUIT BREAKER 'SPARE'.
- ③ REMOVE HOMERUN CONDUIT AND CONDUCTORS BACK TO POINT OF ORIGIN.
- ④ EXISTING TO REMAIN. SEE "POWER RISER DIAGRAM - DEMOLITION" ON DRAWING E0.2 FOR ADDITIONAL INFORMATION.

NEW WORK NOTES: (THIS DRAWING ONLY)

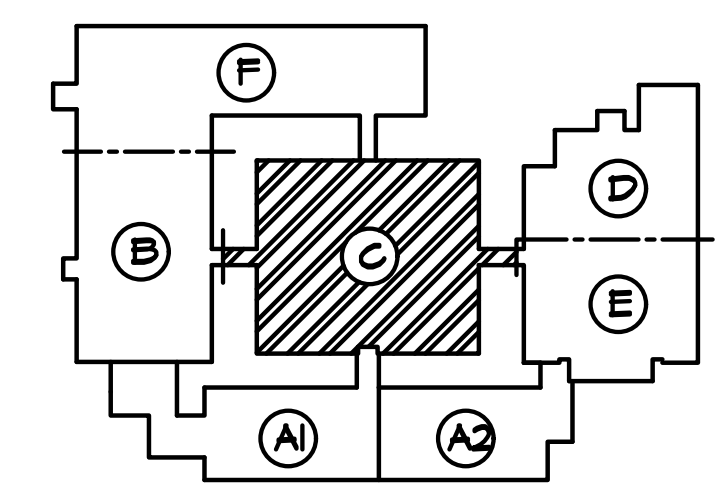
- ① EXISTING REUSED.
- ② PROVIDE ELECTRICAL CONNECTION TO EXISTING EQUIPMENT SAVED DURING DEMOLITION. SEE PANEL SCHEDULE ON DRAWING E0.2 FOR ADDITIONAL INFORMATION.
- ③ SEE "POWER RISER DIAGRAM - NEW WORK" ON DRAWING E0.2 FOR ADDITIONAL INFORMATION.



ENLARGED FLOOR PLAN - DEMOLITION
SCALE: 1/4" = 1'-0"



ENLARGED FLOOR PLAN - NEW WORK
SCALE: 1/4" = 1'-0"

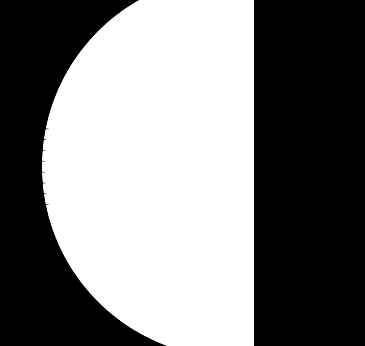


KEY PLAN
NOT TO SCALE



DATE	PROJECT	DESIGNED	DRAWN	CHECKED	BY	DESCRIPTION
01-20-23	21215-02	CAB	CAB	KC		

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	BY	DESCRIPTION
01-20-23	21215-02	CAB	CAB	KC		

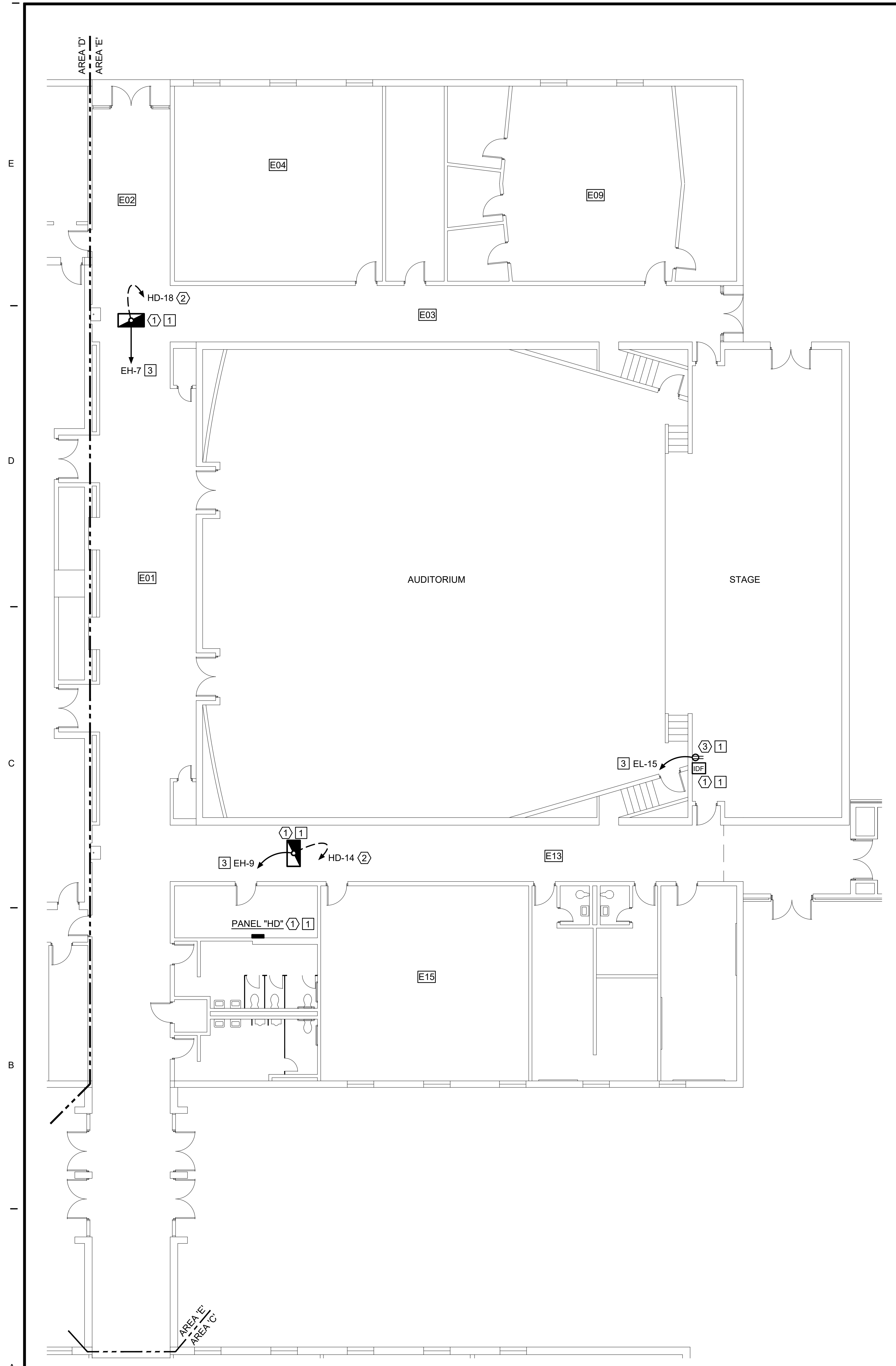


RRRM ARCHITECTS, PC
115 South 15 Street, Suite 202
Richmond, Virginia 23219
(804)277-8987

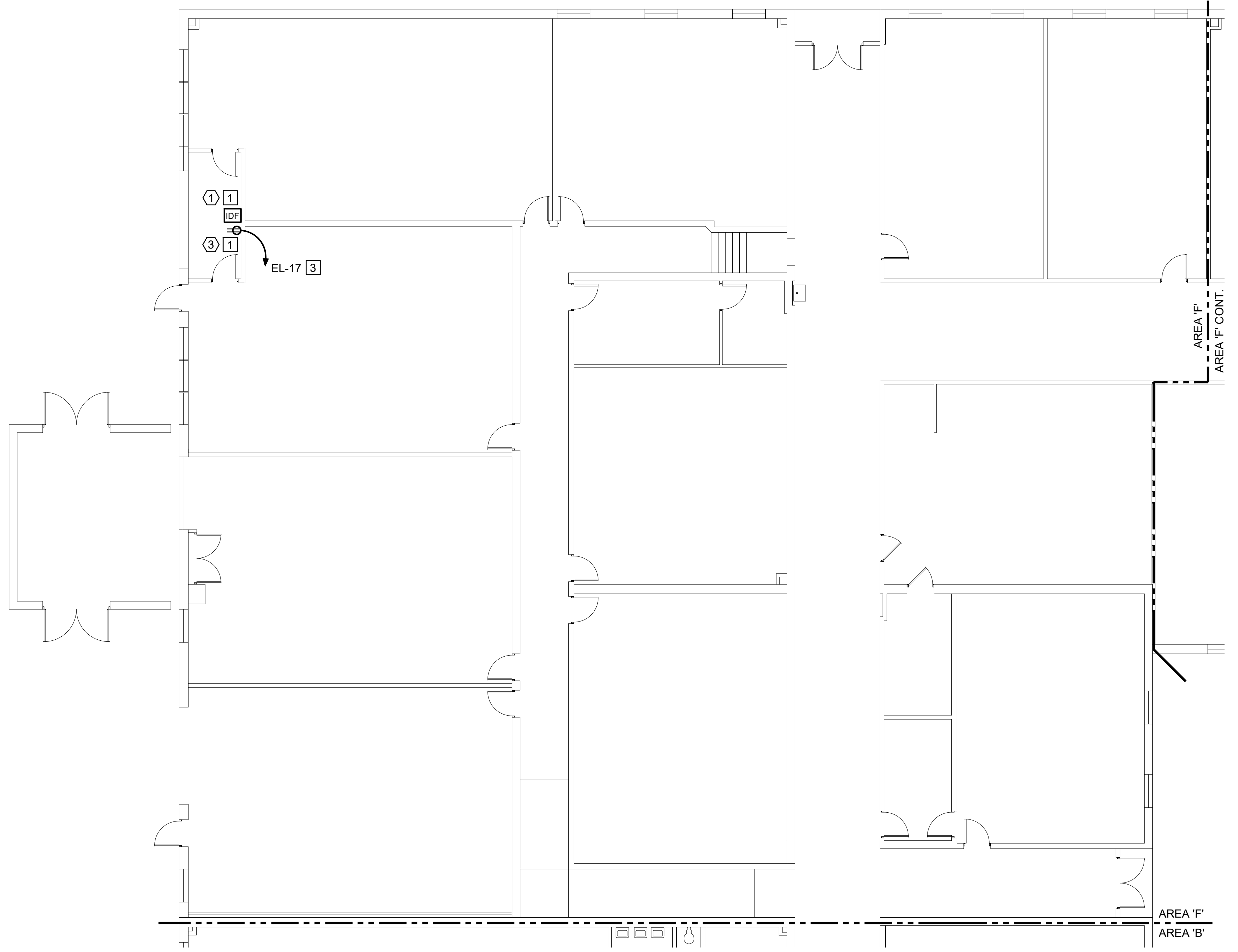


PROJECT: DINWIDDIE COUNTY PUBLIC SCHOOLS - DINWIDDIE MIDDLE SCHOOL
EMERGENCY GENERATOR ADDITION
11608 COURTHOUSE ROAD, DINWIDDIE, VA. 23841
DRAWING: FLOOR PLAN - AREA 'C' - DEMOLITION & NEW WORK

SHEET
E1.3



FLOOR PLAN - AREA 'E' - DEMOLITION & NEW WORK [2]
 SCALE: 1/8" = 1'-0"



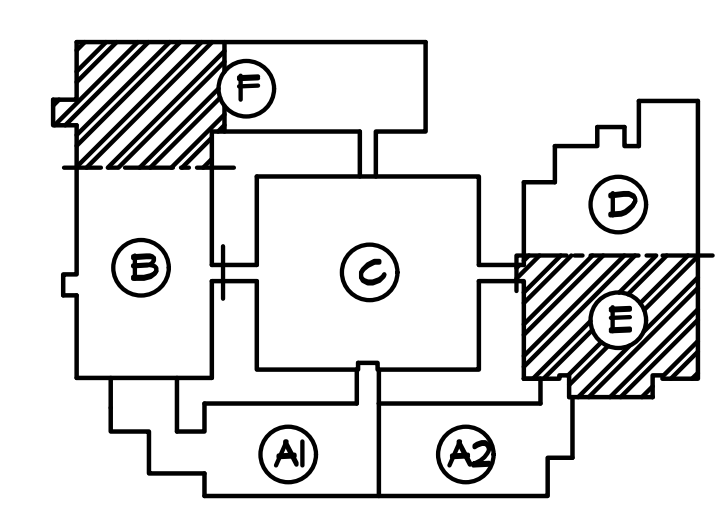
PARTIAL FLOOR PLAN - AREA 'F' - DEMOLITION & NEW WORK [2]
 SCALE: 1/8" = 1'-0"

DEMOLITION NOTES: (THIS DRAWING ONLY)

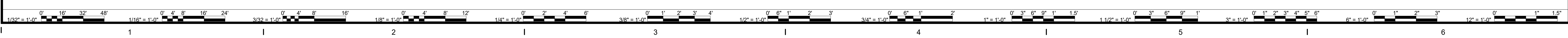
- ① EXISTING TO REMAIN.
- ② REMOVE HOMERUN CONDUIT AND CONDUCTORS BACK TO PANELBOARD. LABEL CIRCUIT BREAKER 'SPARE'.
- ③ DISCONNECT RECEPTACLE FOR IDF CABINET. SAVE RECEPTACLE FOR REUSE. REMOVE CONDUIT AND CONDUCTORS BACK TO POINT OF ORIGIN.

NEW WORK NOTES: (THIS DRAWING ONLY)

- ① EXISTING REUSED.
- ② SEE DRAWING E1.3 FOR LOCATION OF PANELS "EH" AND "EL".
- ③ PROVIDE ELECTRICAL CONNECTION TO EXISTING EQUIPMENT SAVED DURING DEMOLITION. SEE PANEL SCHEDULE ON DRAWING E0.2 FOR ADDITIONAL INFORMATION.



KEY PLAN
 NOT TO SCALE



M/T
THOMPSON
 Consulting Engineers

2100 EMBURY PARKWAY
 4050 COLLETT
 TEL: 270-396-4444

11000 WOODLAND AVENUE
 GREENSBORO, NC 27409
 TEL: 336-733-8844

11000 WOODLAND AVENUE
 GREENSBORO, NC 27409
 TEL: 336-733-8844

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	DESCRIPTION
01-20-23	21215-02	CAB	CAB	KC	
					MARK
					DATE
					REVISIONS

DATE	PROJECT	DESIGNED	DRAWN	CHECKED
01-20-23	21215-02	CAB	CAB	KC

RRMM
 ARCHITECTS, PC
 115 South 15 Street, Suite 202
 Richmond, Virginia 23219
 (804)277-8987



PROJECT: DINWIDDIE COUNTY PUBLIC SCHOOLS - DINWIDDIE MIDDLE SCHOOL
 EMERGENCY GENERATOR ADDITION
 11608 COURTHOUSE ROAD, DINWIDDIE, VA. 23841

DRAWING: FLOOR PLAN - AREAS 'E' & 'F' - DEMOLITION & NEW WORK