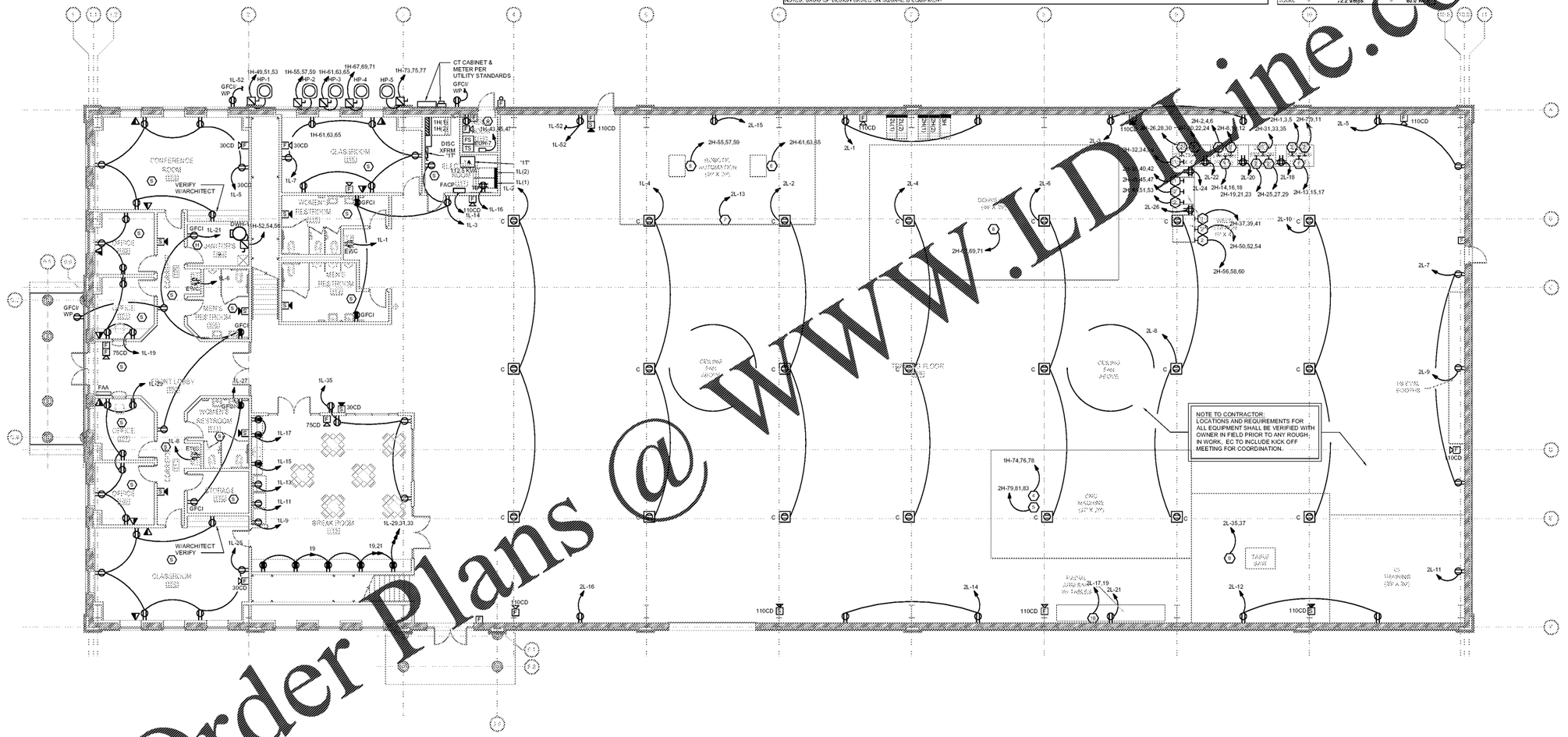
PANELBOARD SCHEDULE - '3H'

MAIN: 225A MLO | VOLTAGE: 480/277 | PHASE: 3 | WIRE: 4 | MOUNTING: SURFACE | AIC: 14,000 | NOTES:

CKT BKR #	TRIP	POLE	WIRE SIZE	COND SIZE	DESCRIPTION	LOAD (KVA): LTG	REC	MTR	A/C	HTG	KIT	MISC	BUS	LOAD (KVA): LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	COND SIZE	WIRE SIZE	POLE	BKR TRIP	CKT #
1												20.0									SPACE ONLY					2
3					FUTURE LOAD							20.0									SPACE ONLY					4
5												20.0									SPACE ONLY					6
7					SPACE ONLY																SPACE ONLY					8
9					SPACE ONLY																SPACE ONLY					10
11					SPACE ONLY																SPACE ONLY					12
13					SPACE ONLY																SPACE ONLY					14
15					SPACE ONLY																SPACE ONLY					16
17					SPACE ONLY																SPACE ONLY					18
19					SPACE ONLY																SPACE ONLY					20
21					SPACE ONLY																SPACE ONLY					22
23					SPACE ONLY																SPACE ONLY					24
25					SPACE ONLY																SPACE ONLY					26
27					SPACE ONLY																SPACE ONLY					28
29					SPACE ONLY																SPACE ONLY					30
31					SPACE ONLY																SPACE ONLY					32
33					SPACE ONLY																SPACE ONLY					34
35					SPACE ONLY																SPACE ONLY					36
37					SPACE ONLY																SPACE ONLY					38
39					SPACE ONLY																SPACE ONLY					40
41					SPACE ONLY																SPACE ONLY					42
LIGHTING (KVA)						0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):					60.0
RECEPTACLES (KVA):						0.0															DEMAND LOAD (KVA):					60.0
MOTORS (KVA):						0.0							PHASE A	20	72.2											
A/C (KVA):						0.0							PHASE B	25	72.2						CONNECTED LOAD (AMPS):					72.2
HEATING (KVA):						0.0							PHASE C	25	72.2						DEMAND LOAD (AMPS):					72.2
KITCHEN (KVA):						0.0								KVA	AMPS											
MISCELLANEOUS (KVA):						60.0																				
NOTES: BASIS OF DESIGN BASED ON SQUARE D EQUIPMENT																										

PNL '3H' DEMAND CALCS

LIGHTING	0.00	KVAX	125	%	=	0.0 KVA
RECEPTAC TOTAL	0.00	KVA				
1ST	10.00	KVAX	100	%	=	0.0 KVA
REMAIN	0.00	KVAX	50	%	=	0.0 KVA
MOTORS	0.00	KVAX	100	%	=	0.0 KVA
A/C	0.00	KVAX	100	%	=	0.0 KVA
HEATING	0.00	KVAX	100	%	=	0.0 KVA
LOCKED-OUT LOAD	____	KVAX	100	%	=	0.0 KVA
KITCHEN	0.00	KVAX	65	%	=	0.0 KVA
MISCELLANEOUS	60.00	KVAX	100	%	=	60.0 KVA
TOTAL =	72.2 amps					60.0 KVA



1 E-2.1 POWER MAIN LEVEL PLAN
SCALE: 1/8" = 1'-0"

◇ KEYED NOTES THIS SHEET

1. COORDINATE ROUGH-IN WORK WITH ALL OWNER EQUIPMENT AND PROJECT MANAGER PRIOR TO ANY WORK.
2. COORDINATE LOCATION OF PHONE BOARD WITH OWNER'S TECHNOLOGY/IT REPRESENTATIVE PRIOR TO ROUGH-IN WORK. VERIFY CONDUIT ROUTING TO UTILITY SERVICE PROVIDERS DEMARK. INCLUDE AS NECESSARY EXTERIOR CONDUITS, PULL BOXES & CABINETS AS REQUIRED FOR SERVICE.
3. JUNCTION BOX AT EACH LOCATION INDICATED FROM OVERHEAD. STUBBED DOWN TO 8'-0" AFF. CONFIRM WITH OWNER THE ORIGIN POINT OF ALL CONDUITS.

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09/30/2020

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La Vergne, TN

PROJECT NUMBER 1907

ISSUE DATE

FOR PERMIT 09.30.20

DRAWING DATA

DRAWN BY: GKG
CHECKED BY: MJS

SHEET TITLE

POWER MAIN LEVEL PLAN

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SHEET NUMBER

E-2.1