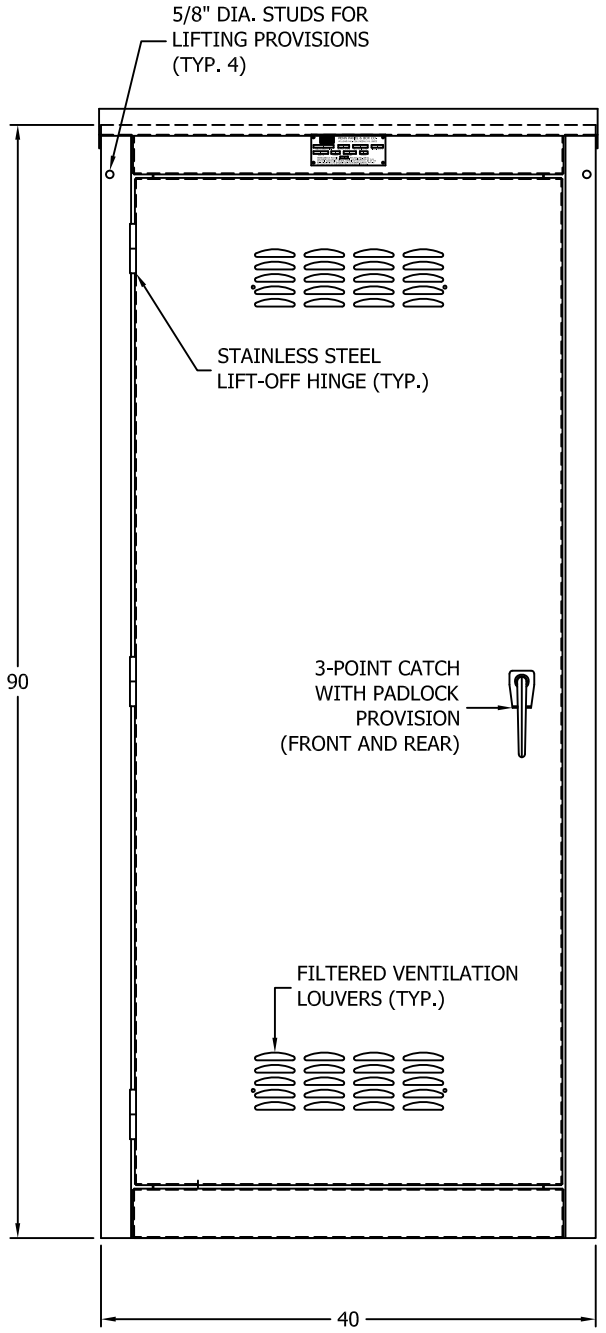
NOTES:

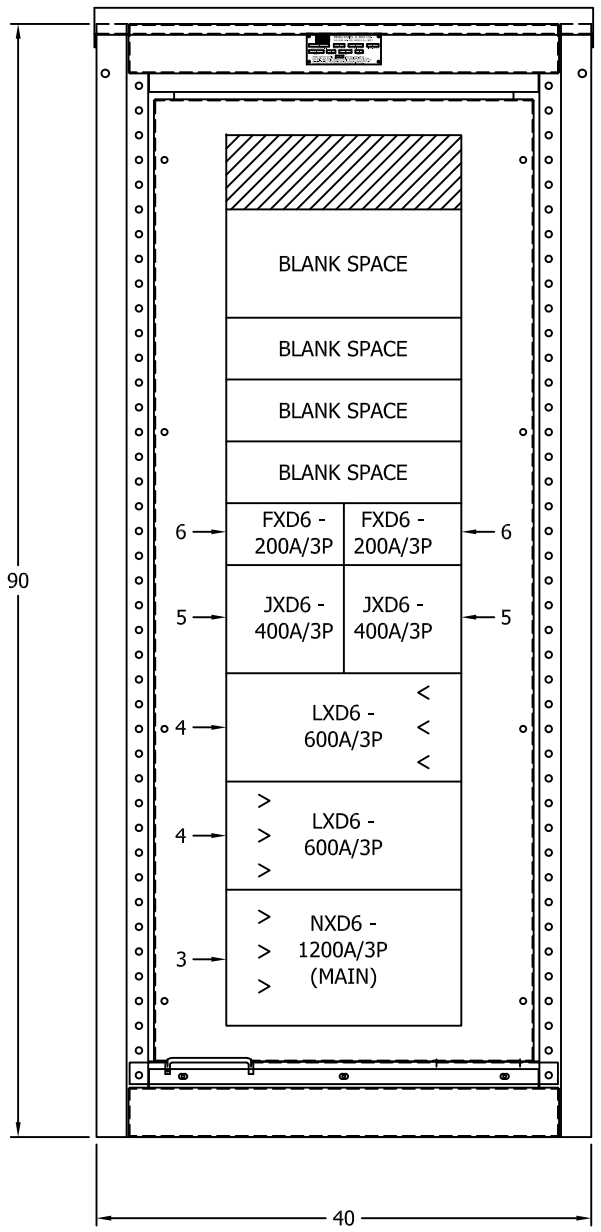
1) ALL DIMENSIONS IN INCHES, UNLESS OTHERWISE NOTED.
2) NEMA-3R BOLTED CONSTRUCTION OF #12 GA. STAINLESS STEEL.
3) FINISH: VIBRATED.
4) (1) PCS. 5" X 1/4" COPPER BUS RATED AT 1000A/SQ. INCH CROSS SECTION.
5) BUS TO BE BRACED FOR MINIMUM 65KAIC @ 208VAC.
6) UNIT TO MEET U.L. 891 SPECIFICATIONS.
7) ALL LINE AND LOAD CABLES AND LUGS SUPPLIED AND TERMINATED BY CONTRACTOR.
8) **120VAC HEATER SOURCE TO BE SUPPLIED BY OTHERS.**

BILL OF MATERIAL

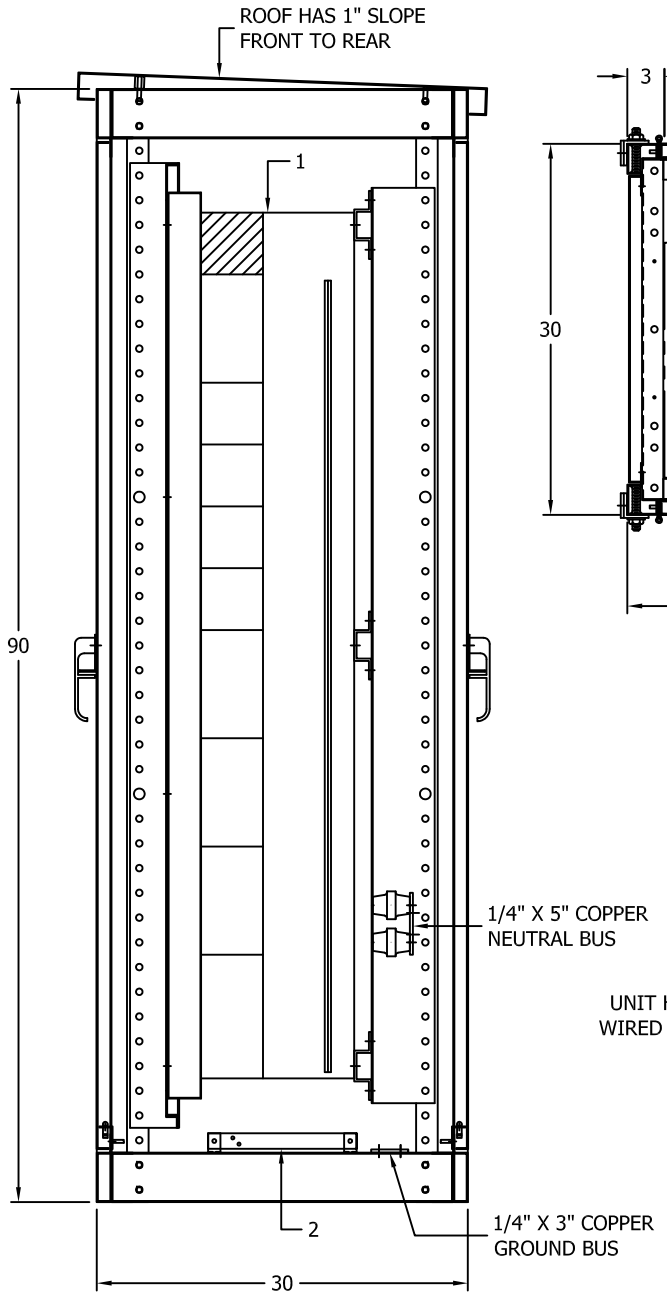
NO.	MFG.	QTY.	DESCRIPTION
1	PENN PANEL	1	1200A, 208/120V, 3ϕ, 65KAIC P5 PANEL
2	CRM.	2	250W 240V STRIP HEATERS OPER. @ 120VAC CAT. #OT1225-240
3	SIEMENS	1	THERMAL-MAGNETIC 1200A/3P BREAKER CAT. #NXD63B120
4	SIEMENS	2	THERMAL-MAGNETIC 600A/3P BREAKER CAT. #LXD63B600
5	SIEMENS	2	THERMAL-MAGNETIC 400A/3P BREAKER CAT. #JXD63B400
6	SIEMENS	2	THERMAL-MAGNETIC 200A/3P BREAKER CAT. #FXD63B200



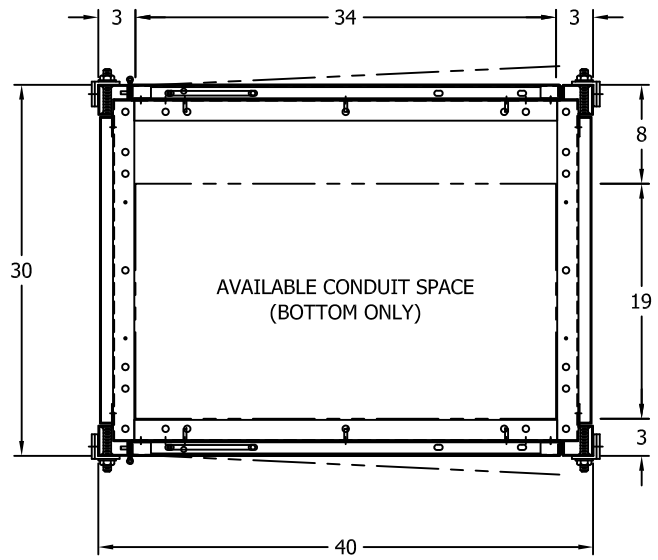
FRONT VIEW



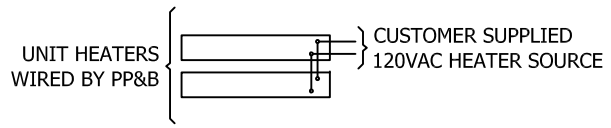
FRONT VIEW
****FRONT DOOR REMOVED****



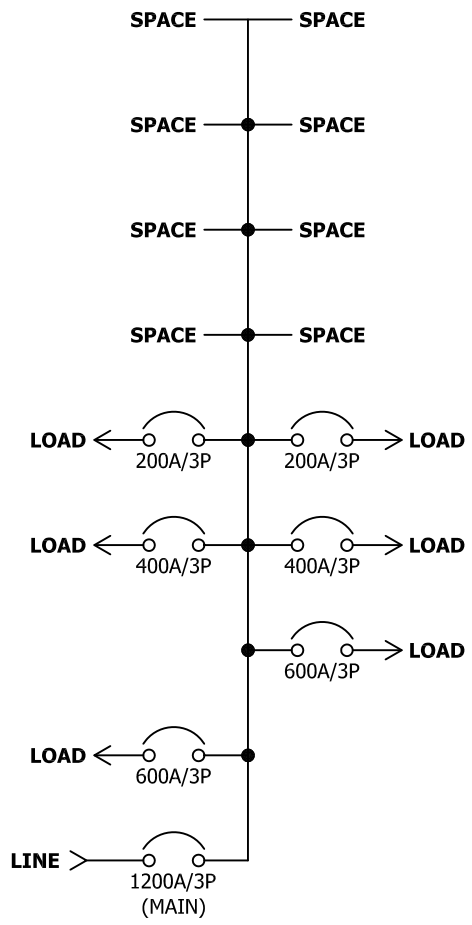
RIGHT SIDE SECTION VIEW



PLAN VIEW - AVAILABLE CONDUIT AREA



HEATER DETAIL



SINGLE LINE DIAGRAM

REV.	DATE	BY	CHANGES MADE
3	.	.	.
2	.	.	.
1	07/09/14	AJN	MOVED MAIN BREAKER TO BOTTOM OF PANEL PER ENGINEER COMMENTS. REARRANGED BREAKERS. ADDED HEATER CIRCUIT DETAIL.

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Custom Designed Electric Power Equipment Since 1938

SOLD TO:

PROJECT/END-USER:

SCALE: N.T.S.

CUST. P.O.:

DATE: 06/11/2014

SHOP No.:

DRAWN BY: AJN

DWG. No.: 14748-GB

REV.: 01

JOB DESCRIPTION: NEMA 3R STAINLESS STEEL ENCLOSURE WITH 1200A, 208/120V, 3ϕ, 4W, 65KAIC PANEL