GENERAL NOTES:

1. PROVIDE FUSES FOR OC PROTECTION MATCHING ELEVATOR REQUIREMENTS.
2. LIGHTING CONTROL PANEL "LCP" EQUAL TO nLIGHT'S nPANEL 4, W/ DIMMING FEATURES.
3. ELEVATOR FEEDER TO BE COPPER TYPE THHN-THWN, 4#4/0 AWG, 1#4G.
4. REFER TO PANEL SCHEDULES FOR CIRCUITS REQUIRED FOR EQUIPMENT, TYPICAL.
5. REFER TO SITE PLAN DRAWING ES-101 FOR CONDUIT REQUIREMENTS FOR FIRE ALARM, TELEPHONE AND DATA.

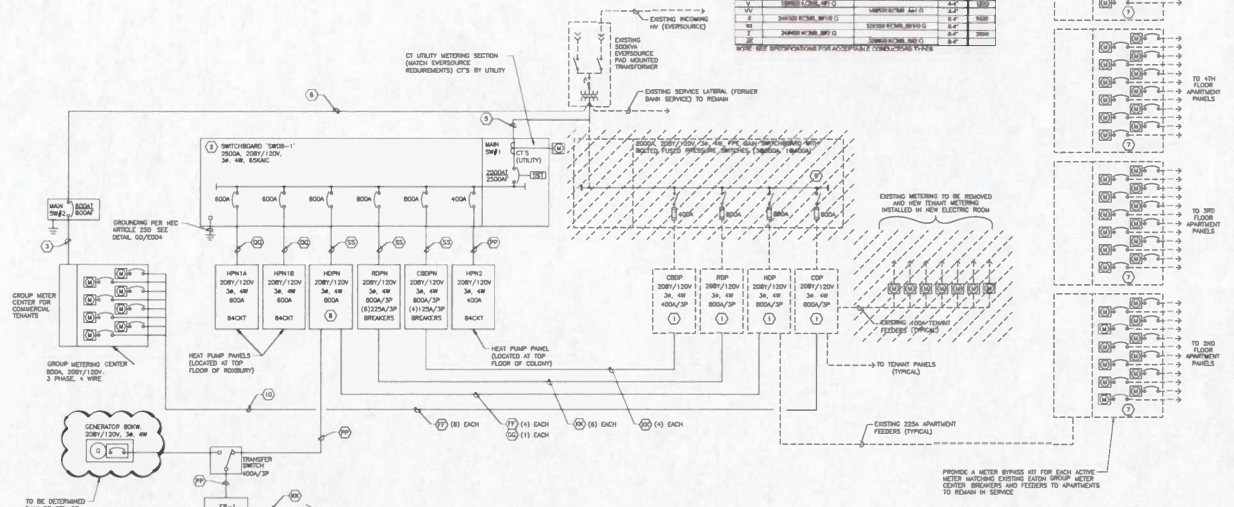
SINGLE LINE DIAGRAM KEY NOTES:

1. BREAKERS TO BE REMOVED. PANELS TO BE CONVERTED TO SPLICE BOXES TO REUSE EXISTING FEEDERS. PROVIDE NEW COVER
2. SWITCHBOARD, 2500DA, 208Y/120V, 3Ø, 4W, 60HZ, NEMA 1 WITH BREAKERS, UL LISTED AS SERVICE ENTRANCE.
3. (3)SETS 4"C, 4#500KCMIL, 1#3/0G, ALUM THHN-THWN
4. EMERGENCY (STANDBY) PANEL 400A, 208Y/120V, 3Ø, 4W, W/ 225A BREAKER_FOR (1) ELEVATOR
5. (6)SETS 4"C, 4#600KCMIL, ALUM XHHW
6. (3)SETS 4"C, 4#500KCMIL, ALUM XHHW
7. GROUP METERING CENTER W/ MAIN BREAKER (TYP. ALL 6 FLOORS OF ROXBURY). UTILITY METERS REMOVED AND BY-PASS KITS INSTALLED IF THE UTILITY METERING IS APPROVED BY PUC FOR SINGLE POINT METERING.
8. PROVIDE PANEL HDPN WITH BREAKERS
   - 100A/3P – HP3
   - 150A/3P – HP1
   - 225A/3P – ELEV #2
   - 100A/3P – MECH
   - 100A/3P – HP4
   - 100A/3P – ELEV #1
9. EXISTING SWITCHBOARD TO BE REMOVED AFTER ALL NEW EQUIPMENT HAS BEEN INSTALLED
10. (8) EACH 4#1, 1#6G, 1-1/2"C. TO BE VERIFIED IF SINGLE OR 3 PHASE DURING DESIGN.

FEEDER SCHEDULE

FEEDER SYMBOL	ALUMINUM CONDUCTORS (3 PH, 3 WIRES) WITH GROUND	COPPER CONDUCTORS (3 PH, 4 WIRES) W/ GROUND	CONDUIT SIZE	AMPERE RATING
A			3½"	70
AA			3½"	
B			3½"	55
BB			3½"	
C			1"	50
CC			1"	
D			1"	60
DD			1"	
E			1"	60
EE			1 ½"	
F			1 ½"	100
FF			1 ½"	
G			2"	125
GG			2"	150
H			2 ½"	175
HH			2 ½"	
J			2 ½"	200
JJ			2 ½"	
K			2 ½"	225
KK			2 ½"	
L			3"	250
LL			3"	
M			3"	275
MM			3"	
N			4"	300
NN			4"	
O			4"	350
OO			4"	
P			3-#4"	400
PP			3-#4"	
Q			3-#4"	500
QQ			3-#4"	
R			3-#4"	700
RR			4-#4"	
S			4-#4"	800
SS			4-#4"	
T			4-#4"	1000
TT			4-#4"	
U			4-#4"	1200
VV			4-#4"	
X			6-#4"	1600
YY			6-#4"	
Z			6-#4"	2000
ZZ			9-#4"	

NOTE: SEE SPECIFICATIONS FOR ACCEPTABLE CONDUCTORS TYPES



1 PROPOSED ELECTRICAL ONE-LINE
SCALE: NO SCALE

50% CONSTRUCTION DOCUMENTS 10/19/2018

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BEDFORD, LACONIA, & KEENE, NH

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PROFESSIONAL SEAL

NOT FOR CONSTRUCTION PRELIMINARY PLANS 09/28/2018

NO.	DATE	BY	DESCRIPTION

KEENE HOUSING
831 COURT ST,
KEENE, NH

CENTRAL SQUARE TERRACE
5 CENTRAL SQUARE
KEENE, NH

SHEET TITLE
ELECTRICAL ONE-LINE

DRAWN BY	DATE
EJD	SEPT. 2018
CHECKED BY	DUBOIS & KING PROJECT #
WHH	524208
APPD. BY	DUBOIS & KING PROJECT #
RFK	

SHEET NUMBER
E-002

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