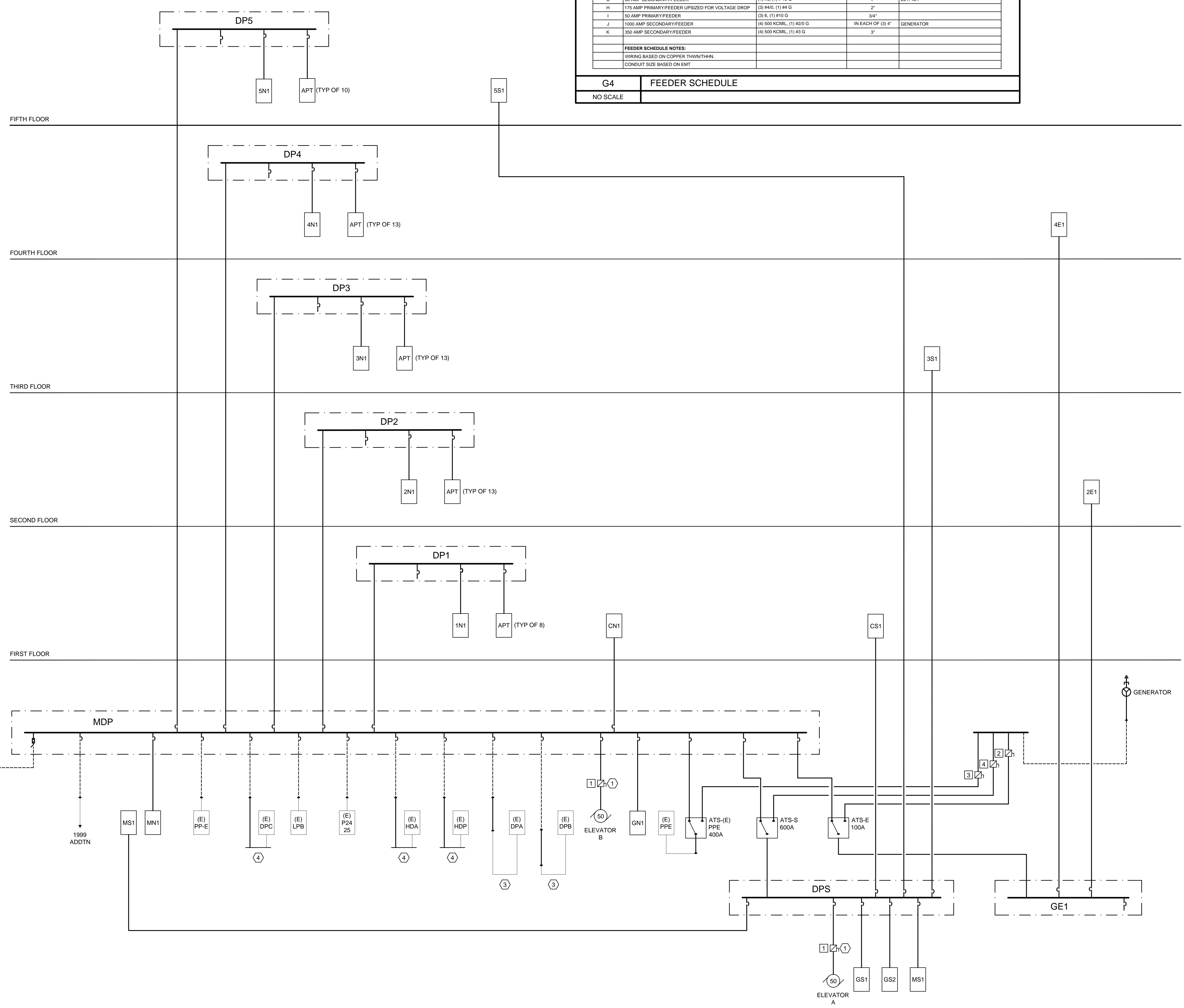


FEEDER SCHEDULE			
TAG	DESCRIPTION	CONDUCTORS (NOTE 1)	CONDUIT
FEEDERS SHALL BE 22A SECONDARY (4) #10, (1) #4 G IN 3" C UNO.			
1A	125 AMP PRIMARY FEEDER	(3) #1, (1) #6 G	1 1/4"
1B	100 AMP SECONDARY FEEDER	(4) #2, (1) #8 G	1 1/4"
1C	100 AMP SINGLE-PHASE FEEDER	(3) #2, (1) #8 G	2"
1D	125 AMP SECONDARY FEEDER	(3) #1, (1) #1 N, (1) #6 G	1 1/2"
2A	200 AMP PRIMARY FEEDER	(3) #3/0, (1) #6 G	2"
2B	225 AMP SECONDARY FEEDER	(4) #4/0, (1) #4 G	3"
2D	225 AMP SECONDARY UPSIZED FOR VOLTAGE DROP	(4) 300 KCMIL (1) #3 G	3"
4A	400 AMP PRIMARY FEEDER	(3) 500 KCMIL (1) #3 G	3"
4B	400 AMP SECONDARY FEEDER	(4) 500 KCMIL (1) #3 G	3"
4C	400 AMP SECONDARY W/ 1/200 NEUTRAL	(3) 500 KCMIL (2) 500 N, (1) #3 G	3 1/2"
4D	400 AMP SECONDARY UPSIZED FOR VOLTAGE DROP	(4) 250 KCMIL (1) #3 G	IN EACH OF (2) 2 1/2"
A	30 AMP SECONDARY FEEDER	(4) 10, (1) #10 G	1"
B	4000 AMP SERVICE ENTRANCE FEEDER - UNDERGROUND	(4) 1000 KCMIL	IN EACH OF (8) 4"
C	600 AMP SECONDARY FEEDER	(4) 500 KCMIL (1) #1 G	IN EACH OF (2) 3"
D	300 AMP SECONDARY FEEDER	(4) 300 KCMIL (1) #1 G	3"
E	300 AMP SECONDARY FEEDER	(4) 500 KCMIL (1) #1 G	IN EACH OF (2) 4"
F	600 AMP SECONDARY FEEDER	(4) 300 KCMIL (1) #1 G	IN EACH OF (2) 3"
G	60 AMP SECONDARY FEEDER	(4) #6, (1) #10 G	1"
H	175 AMP PRIMARY FEEDER UPSIZED FOR VOLTAGE DROP	(3) #4/0, (1) #4 G	2"
I	50 AMP PRIMARY FEEDER	(3) 6, (1) #10 G	3/4"
J	1000 AMP SECONDARY FEEDER	(4) 500 KCMIL (1) #2/0 G	IN EACH OF (3) 4"
K	300 AMP SECONDARY FEEDER	(4) 500 KCMIL (1) #3 G	3"
FEEDER SCHEDULE NOTES: WIRING BASED ON COPPER THW/THHN. CONDUIT SIZE BASED ON EMT			
G4	FEEDER SCHEDULE		
NO SCALE			

- 1 240V, 200A, 3P FUSED AT 150A
 - 2 240V, 100A, 3P FUSED AT 100A
 - 3 240V, 400A, 3P FUSED AT 400A
 - 4 240V, 600A, 3P FUSED AT 600A
- 1 ELEVATOR DISCONNECT SWITCH, NEMA-3R, WITH AUXILIARY SWITCH (ELECTRICAL INTERLOCK KIT).
 - 2 PROVIDE TELEPHONE LINE TO METER.
 - 3 THE PANEL IS CURRENTLY FED VIA UNDERGROUND CONDUIT FROM THE SWITCHBOARD. PROVIDE A PULL BOX AT THE EXISTING SWITCHBOARD SECTION LOCATION IN ORDER TO CONNECT THE NEW OVERHEAD FEEDER TO THE EXISTING FEEDER
 - 4 PROVIDE AUXILIARY GUTTER TO ROUTE OVERHEAD FEEDER TO BOTTOM FED PANELBOARD

H8	DISCONNECT SWITCH KEY	H9	KEYED NOTES
NO SCALE		NO SCALE	



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 No. 7525
 PROFESSIONAL ENGINEER
 STATE OF MAINE

Graphic Scale: 1" = 12' 0" 1"

The Park Danforth

777 Stevens Ave, Portland, ME, 04103

NO.	DESCRIPTION	DATE

CONTENT:
ELECTRICAL POWER RISER DIAGRAM

DRAWN BY: DRW

PROJECT NO: 12-056-00

DATE: 6/5/2015

REVISED:

SCALE: AS SHOWN

EP5.1

Project Phase
100% CONSTRUCTION DRAWINGS

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A1 POWER RISER DIAGRAM
NO SCALE