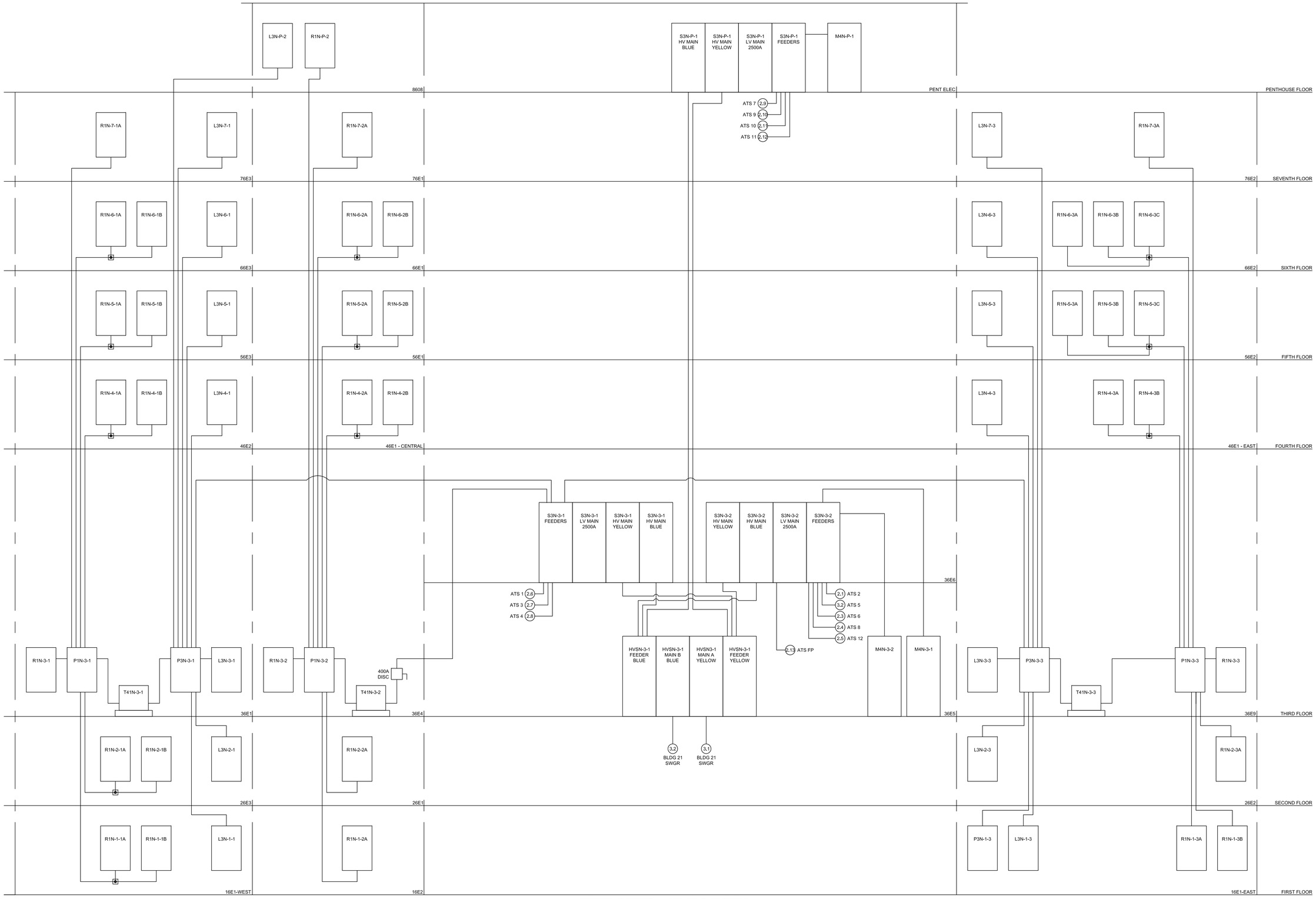

BUILDING 40 NORMAL

Schneider Electric

POWER SYSTEM ENGINEERING

1601 MERCER ROAD
LEXINGTON, KY 40511

NOTES:

ALL LOW-VOLTAGE CABLES WERE CONSIDERED TO BE TYPE THHN, SINGLE CONDUCTOR COPPER, RUN IN STEEL CONDUIT, UNLESS OTHERWISE NOTED.

ALL DEVICES WERE CONSIDERED TO BE THREE-POLE UNLESS NOTED, OTHERWISE.

★ — DENOTES THE VALUE WAS ASSUMED.

KVAm - CONNECTED MOTOR KVA USED FOR FAULT CALCULATIONS.

AF - AMPERE FRAME RATING

AS - AMPERE SENSOR RATING

AP - AMPERE PLUG RATING

AT - AMPERE TRIP RATING

L - LONG TIME FUNCTION

S - SHORT TIME FUNCTION

I - INSTANTANEOUS FUNCTION

G - GROUND FUNCTION

REVISIONS

REV	DATE	DESCRIPTION	DRAWN	CHKD
8				
7				
6				
5				
4				
3				
2				
1	2/13/20	100% DELIVERABLE	NWB	

JESSE BROWN VA

CHICAGO, ILLINOIS

BLDG 40

DRAWN BY:	N. BOSLER
DATE:	12-04-2019
SCALE:	NTS

PROJECT NO.

42177300

RISER DIAGRAM - NORMAL

SHEET NO.

1 OF 3

BUILDING 40 EMERGENCY

Schneider Electric

POWER SYSTEM ENGINEERING

1601 MERCER ROAD
LEXINGTON, KY 40511

NOTES:

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G - GROUND FUNCTION

REVISIONS

REV	DATE	DESCRIPTION	DRAWN	CHKD
8				
7				
6				
5				
4				
3				
2				
1	2/13/20	100% DELIVERABLE	NWB	

JESSE BROWN VA

CHICAGO, ILLINOIS

BLDG. 40

DRAWN BY:	N. BOSLER
DATE:	12-04-2019
SCALE:	NTS

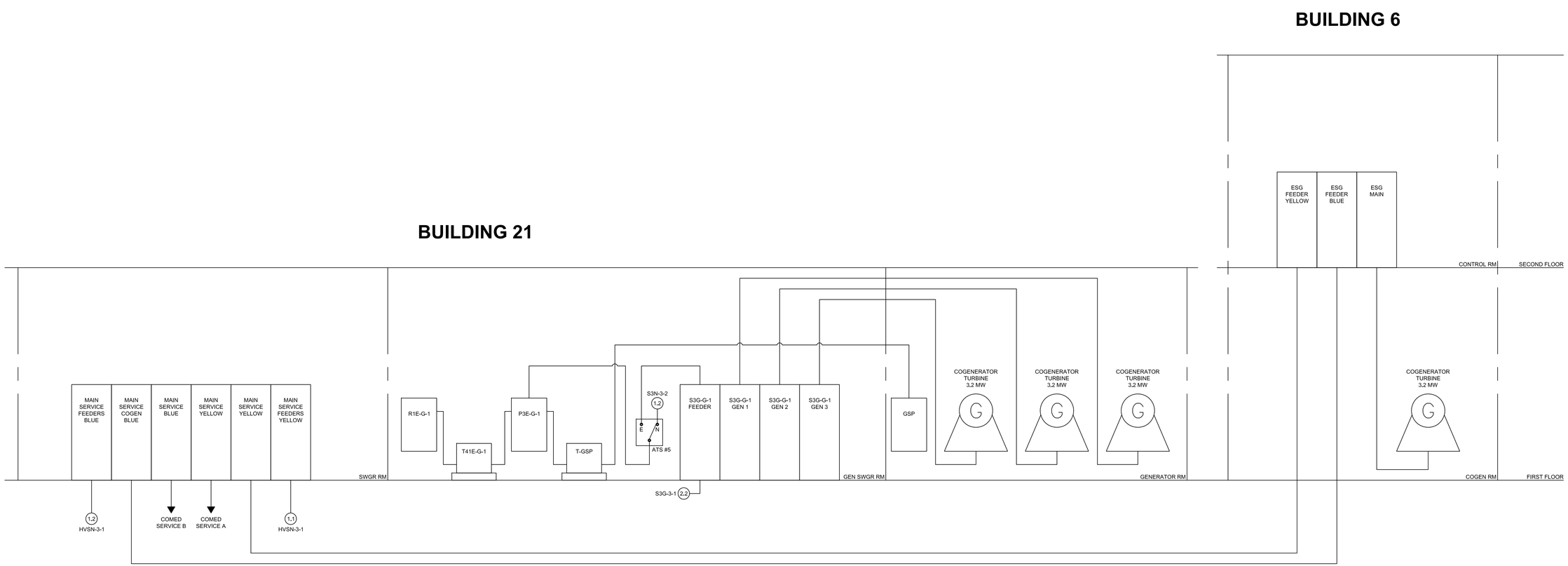
PROJECT NO.

42177300

RISER DIAGRAM EMG

SHEET NO.

2 OF 3



Schneider Electric

POWER SYSTEM ENGINEERING

1601 MERCER ROAD
LEXINGTON, KY 40511

NOTES:

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AP - AMPERE PLUG RATING

AT - AMPERE TRIP RATING

L - LONG TIME FUNCTION

S - SHORT TIME FUNCTION

I - INSTANTANEOUS FUNCTION

G - GROUND FUNCTION

REVISIONS

REV	DATE	DESCRIPTION	DRAWN	CHKD
8				
7				
6				
5				
4				
3				
2				
1	2/13/20	100% DELIVERABLE	NWB	

JESSE BROWN VA

CHICAGO, ILLINOIS

BLDG. 21 & 6

DRAWN BY:	N. BOSLER
DATE:	12-04-2019
SCALE:	NTS

PROJECT NO.

42177300

RISER DIAGRAM

SHEET NO.

3 OF 3