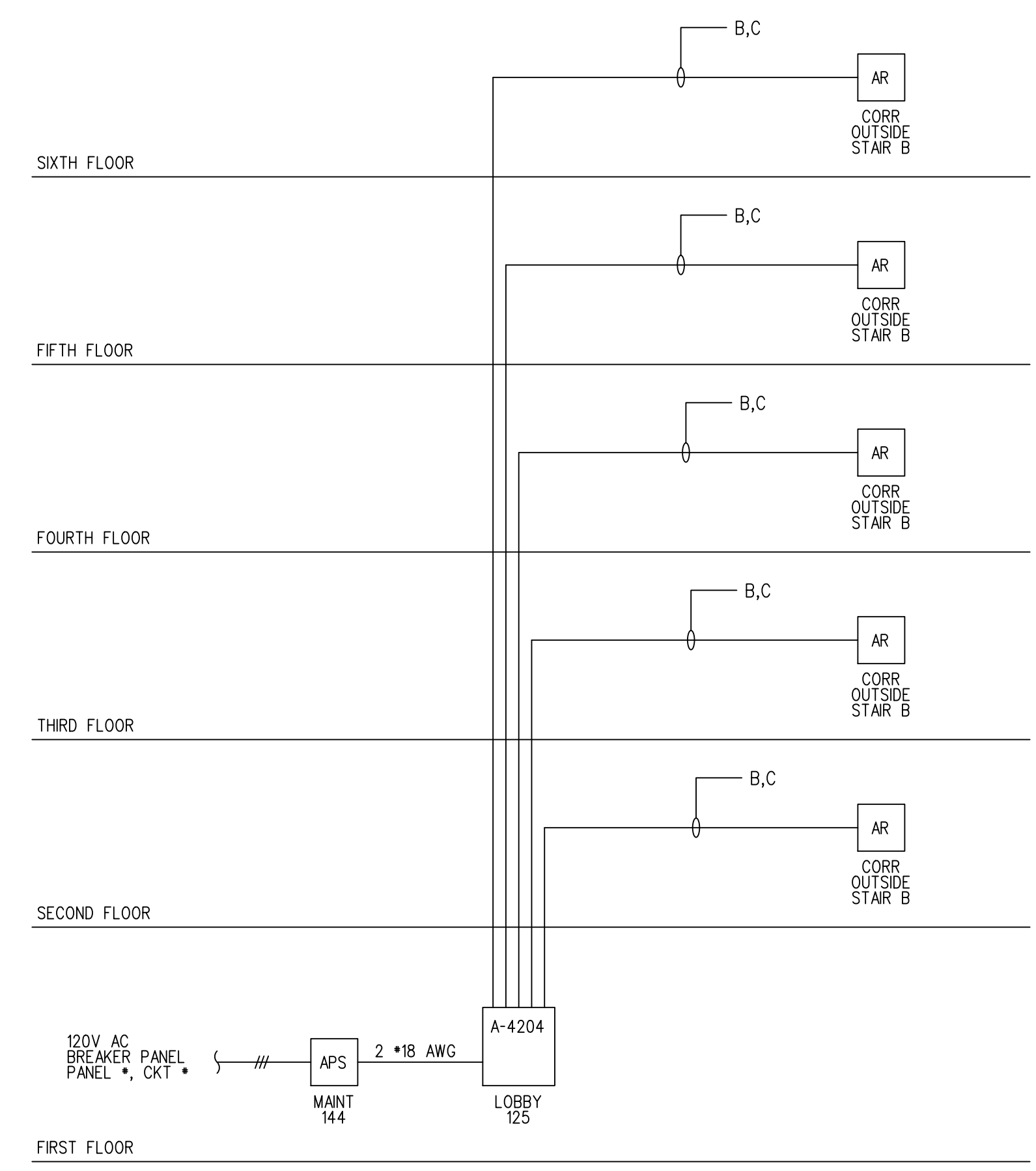


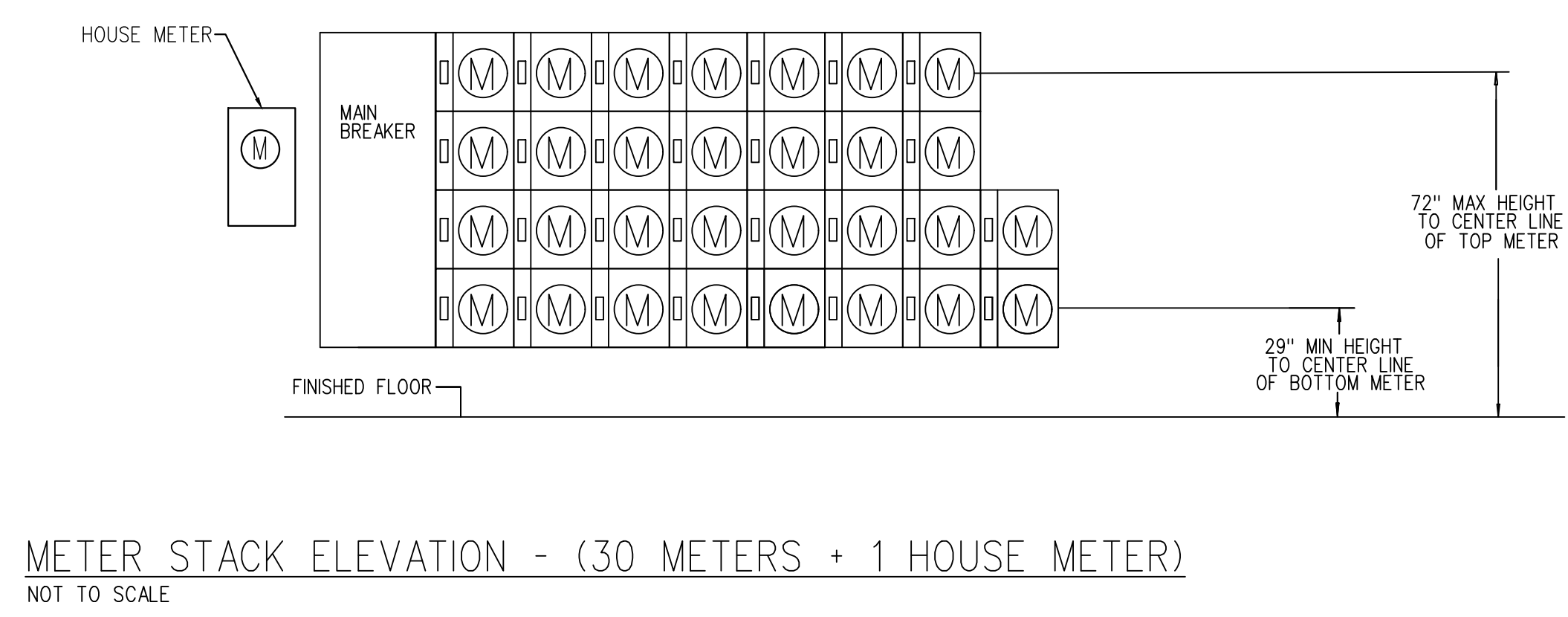
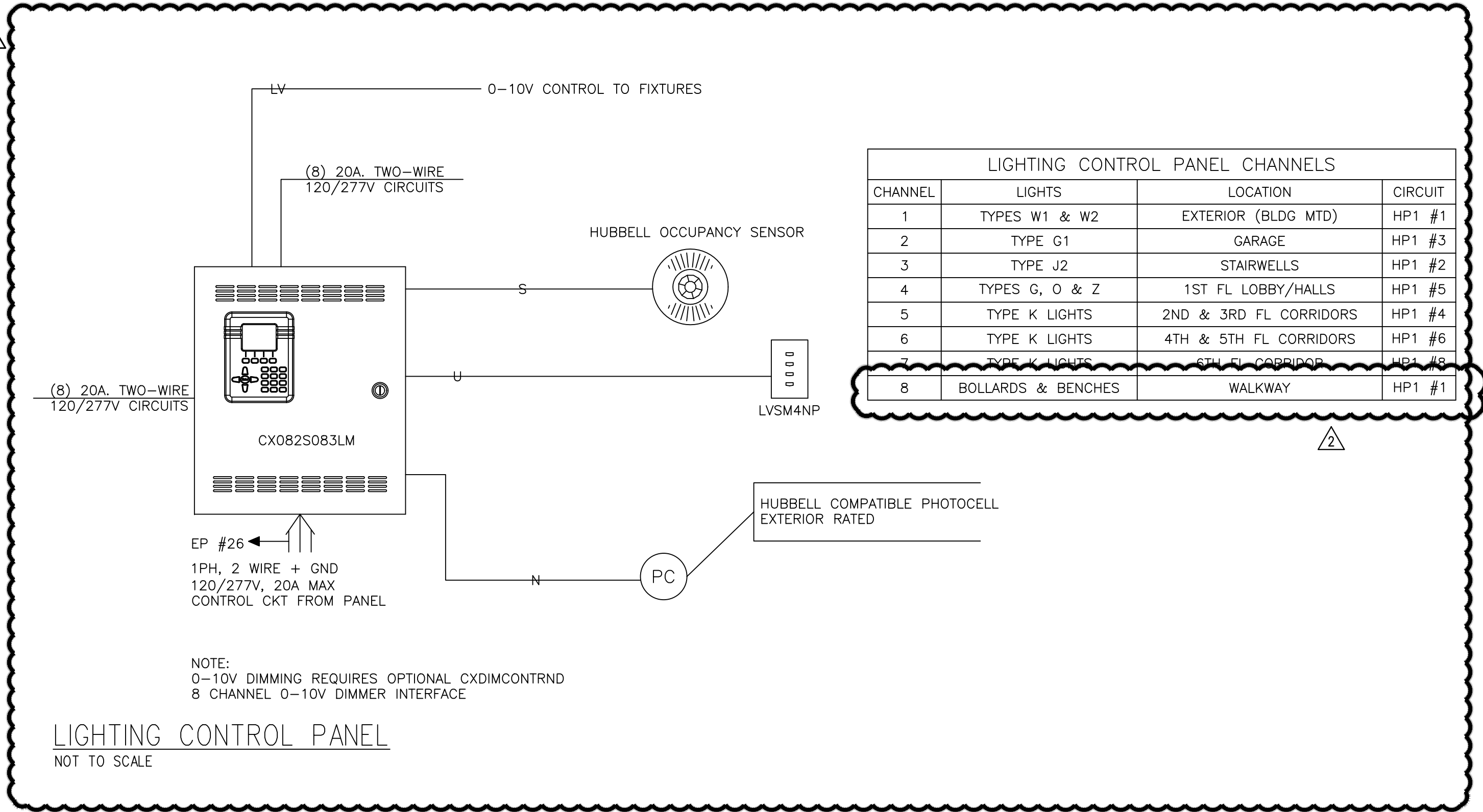
SINGLE LINE DIAGRAM
NOT TO SCALE



AREA OF REFUGE WIRING DIAGRAM
NOT TO SCALE

AREA OF REFUGE SYSTEM SYMBOL LEGEND			
[A-4204]	AREA OF REFUGE ANNIUNCIATOR (5-ZONE)	CORNELL A-4204	CORNELL BB-SUPPLIED WITH UNIT
[APS]	AREA OF REFUGE 24VDC POWER SUPPLY	CORNELL B-5243A	SUPPLIED WITH UNIT
[AR]	AREA OF REFUGE STATION	CORNELL 4201B/V	2-GANG BOX

AREA OF REFUGE WIRE LIST			
B	RESCUE ASSISTANCE STATION - 22 AWG 4 CONDUCTOR NON-SHELED NON-PLENUM RATED: CMR ANIXTER SG2204N1 AREA - 0.0172 SQ. INCH	PLENUM RATED: CMP ANIXTER SG2204N22 AREA - 0.0160 SQ. INCH	
C	AUDIO RESCUE ASSISTANCE STATION - 22 AWG 2 CONDUCTOR SHIELDED NON-PLENUM RATED: CMR ANIXTER SG2202S41 AREA - 0.0255 SQ. INCH	PLENUM RATED: CMP ANIXTER SG2202S22 AREA - 0.0120 SQ. INCH	
CONDUIT SIZE	CONDUCTOR AREA	CONDUIT SIZE	CONDUCTOR AREA
1/2"	0.12 SQ INCH	1-1/4"	0.60 SQ INCH
3/4"	0.21 SQ INCH	1-1/2"	0.82 SQ INCH
1"	0.34 SQ INCH	2"	1.34 SQ INCH
* 40% FILL 2005 N.E.C.			
CONTACT YOUR LOCAL SIMPLEXGRINELL OFFICE FOR ANY CABLE SUBSTITUTIONS			



METER STACK ELEVATION - (30 METERS + 1 HOUSE METER)
NOT TO SCALE

Prepared For:

**EssexNorth
Portland LLC**

P.O. Box 394
Topsfield, MA 01983

Consultant:

**ARCHETYPE
architects**

48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

Architect:

**THAMES STREET
BUILDING**

20 Thames Street, Portland Maine

Revisions:

3 AUG 2017 - ADDENDUM 1

15 AUG 2017 - ADDENDUM 2

11 OCT 2017 - ADDENDUM 3

Scale:

Date: 3 AUG 2017

WIRING DIAGRAMS

E3.02