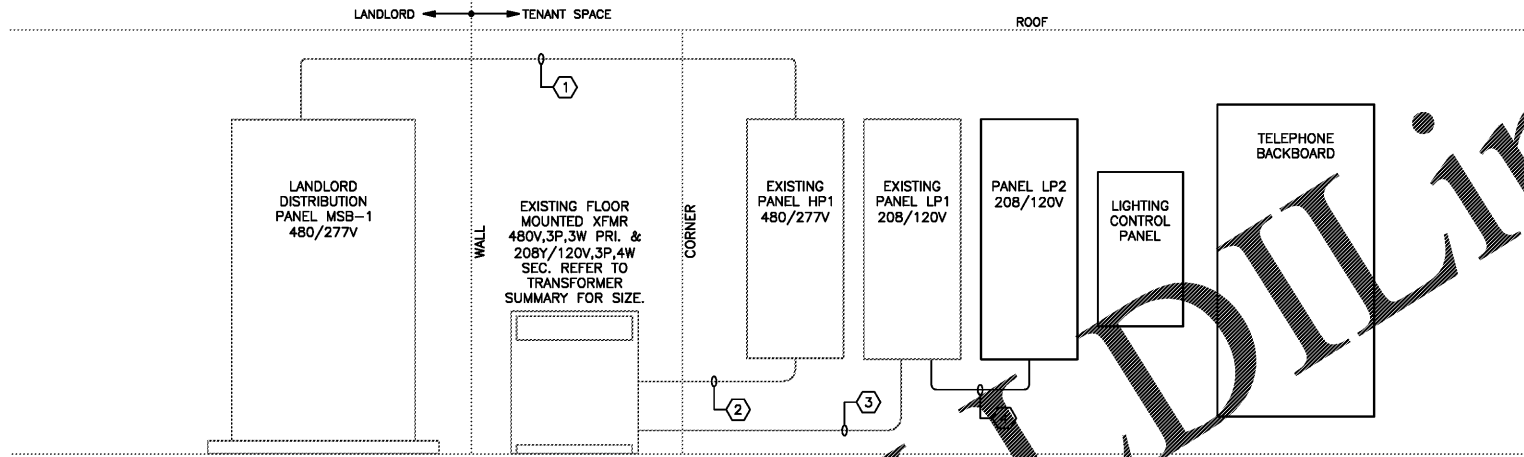


POTTERY BARN ELECTRICAL LOAD SUMMARY						
DESCRIPTION	ACTUAL CONNECTED KVA	DEMAND FACTOR	ACTUAL DEMAND KVA	N.E.C. CONNECTED KVA	N.E.C. DEMAND FACTOR	N.E.C. DEMAND KVA
TRACK LIGHTING	6.1	1.25	7.62	100 ****	1.25	15
GENERAL LIGHTING	6.03	1.25	7.53	12 KVA	1.25	7.53
SHOW WINDOW LIGHTING ALLOW	-----	***	-----	***	0 FT 200W/LF x 1.25	0
GEN. PURPOSE RECEPTACLE	26.5	1.0 < 10KVA 0.5 > 10KVA	18.2	26.5	1.0 < 10KVA 0.5 > 10KVA	18.2
MOTOR(S)	0	1.0 + 25% LARGEST	0	0	1.0 + 25% LARGEST	0
FIXED ELECTRIC SPACE HTG.	74.6 *	1.0	74.6 *	74.6 *	1.0	74.6 *
AIR CONDITIONING EQUIPMENT	72.2 *	1.0 + 25% LARGEST **	72.2 *	72.2 *	1.0 + 25% LARGEST **	72.2 *
ELECTRIC WATER HEATER	1.5	1.25	1.88	1.5	1.25	1.88
MISCELLANEOUS LOADS	6	1.0	6	6	1.0	6
<b>TOTAL</b>	<b>193</b>		<b>188</b>	<b>287</b>		<b>196</b>

NOTES: \* USE GREATER VALUE OF THE TWO CATEGORIES WHERE LOADS ARE NON-CONCURRENT.  
 \*\* 125% OF LARGEST COMPRESSOR MOTOR IN SYSTEM. APPLIES TO ONLY ONE UNIT.  
 \*\*\* ACTUAL SHOW WINDOW LIGHTING IS INCLUDED IN TRACK AND GENERAL LIGHTING SECTIONS.  
 \*\*\*\* TOTAL SUM OF CURRENT LIMITERS IN AMPS

MINIMUM FEEDER =  $\frac{196 \text{ KVA} \times 1000}{480 \times 1.73} = 235 \text{ A}$   
 ELECTRICAL SERVICE AMPACITY = 400 A @ 480V, 3 PH



- KEYED NOTES**
- ① EXISTING LANDLORD INSTALLED 4-500KCMIL, 1 #3 GND., IN 3" C.
  - ② EXISTING LANDLORD INSTALLED 3 #1, 1 #6 GND., IN 1-1/2" C.
  - ③ EXISTING LANDLORD INSTALLED 4 #4/0, 1 #2 GND., IN 2-1/2" C.
  - ④ 4 #1, 1 #8 GND., IN 1-1/2" C.

OWNER:  
**WILLIAMS-SONOMA, INC.**  
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State of Registration VIRGINIA  
 Firm Registration No. 0407 004734  
 EEA Project No. 20166524

DRAWN BY: BMW  
 CHECKED BY: SAH

**BID DOCUMENT ONLY**

Not Intended for Construction or Permit.  
 This document is released under the authority of:

Registrant's Name: SARA A. HAMILL  
 Serial No. 0402052431

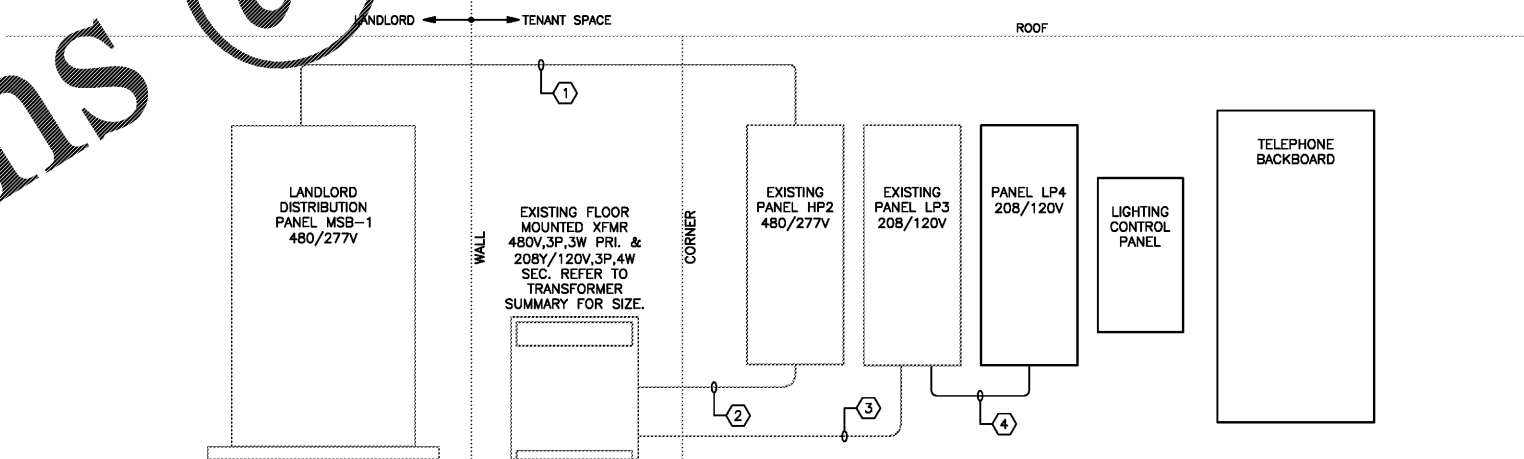
POTTERY BARN ONE-LINE RISER DIAGRAM

1  
 NOT TO SCALE

WILLIAMS SONOMA ELECTRICAL LOAD SUMMARY						
DESCRIPTION	ACTUAL CONNECTED KVA	DEMAND FACTOR	ACTUAL DEMAND KVA	N.E.C. CONNECTED KVA	N.E.C. DEMAND FACTOR	N.E.C. DEMAND KVA
TRACK LIGHTING	3.66	1.25	4.83	80 ****	1.25	12
GENERAL LIGHTING	3.29	1.25	4.11	9.6 KVA	1.25	4.11
SHOW WINDOW LIGHTING ALLOW	-----	***	-----	***	0 FT 200W/LF x 1.25	0
GEN. PURPOSE RECEPTACLE	30.8	1.0 < 10KVA 0.5 > 10KVA	20.4	30.8	1.0 < 10KVA 0.5 > 10KVA	20.4
MOTOR(S)	0	1.0 + 25% LARGEST	0	0	1.0 + 25% LARGEST	0
FIXED ELECTRIC SPACE HTG.	46.4 *	1.0	46.4 *	46.4 *	1.0	46.4 *
AIR CONDITIONING EQUIPMENT	38.2 *	1.0 + 25% LARGEST **	38.2 *	38.2 *	1.0 + 25% LARGEST **	38.2 *
ELECTRIC WATER HEATER	18.3	1.25	22.9	18.3	1.25	22.9
MISCELLANEOUS LOADS	6.1	1.0	6.1	6.1	1.0	6.1
<b>TOTAL</b>	<b>147</b>		<b>143</b>	<b>219</b>		<b>147</b>

NOTES: \* USE GREATER VALUE OF THE TWO CATEGORIES WHERE LOADS ARE NON-CONCURRENT.  
 \*\* 125% OF LARGEST COMPRESSOR MOTOR IN SYSTEM. APPLIES TO ONLY ONE UNIT.  
 \*\*\* ACTUAL SHOW WINDOW LIGHTING IS INCLUDED IN TRACK AND GENERAL LIGHTING SECTIONS.  
 \*\*\*\* TOTAL SUM OF CURRENT LIMITERS IN AMPS

MINIMUM FEEDER =  $\frac{147 \text{ KVA} \times 1000}{480 \times 1.73} = 181 \text{ A}$   
 ELECTRICAL SERVICE AMPACITY = 300 A @ 480V, 3 PH



- KEYED NOTES**
- ① EXISTING LANDLORD INSTALLED 4-350KCMIL, 1 #4 GND., IN 3" C.
  - ② EXISTING LANDLORD INSTALLED 3 #1, 1 #6 GND., IN 1-1/2" C.
  - ③ EXISTING LANDLORD INSTALLED 4 #4/0, 1 #2 GND., IN 2-1/2" C.
  - ④ 4 #1, 1 #8 GND., IN 1-1/2" C.

**POTTERY BARN**  
**WILLIAMS-SONOMA**  
 Town Center Virginia Beach  
 173/177 Central Park Avenue  
 Virginia Beach, VA 23462

PROJECT #006-151817-00/#006-151412-00

ISSUED / REVISED	DATE
FEASIBILITY SET	08/10/17
PRELIMINARY SET	09/28/17
LL CD SET	11/30/17
PERMIT SET	12/18/17
BID SET	01/04/18

WILLIAMS SONOMA ONE-LINE RISER DIAGRAM

2  
 NOT TO SCALE

ELECTRICAL RISER DIAGRAM  
**E-401**