

# Order Plans

**BL1A TRACK BUSWAY** 208Y/120 V, 3PH, 4W  
100 A, RATED BUSWAY  
10,000 AIC  
CASE GROUND

LENGTH: 100'  
POWER FEED: CENTER  
SERVES: ELECTRONICS TV WALL  
LOCATION: ELECTRONICS DEPARTMENT  
BUSWAY SYSTEM FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR B100C TRACK BUSWAY

DESCRIPTION	WIRE	BRKR	PL	A	B	C	PL	BRKR	WIRE	DESCRIPTION	
1 72M TV WALL	12	20 A	1	0.96	0.00				1	20 A	SPARE
3 72M TV WALL	12	20 A	1		0.96	0.96			1	20 A	72M TV WALL
6 SPARE	--	20 A	1			0.00		0.96	1	20 A	72M TV WALL
7 SPARE	--	20 A	1	0.00	0.96				1	20 A	72M TV WALL
9 SPARE	--	20 A	1		0.00	0.96			1	20 A	72M TV WALL
13 SPARE	--	20 A	1			0.00		0.00	1	20 A	SPARE
15 72M TV WALL	12	20 A	1	0.96	0.96				1	20 A	72M TV WALL
15 SPARE	--	20 A	1		0.00	0.96			1	20 A	72M TV WALL
17 72M TV WALL	12	20 A	1			0.96		0.00	1	20 A	SPARE
19 08A AQUARIUM WALL	12	20 A	1	1.44	0.18				1	15 A	DATA SYSTEM RACK
21 SPARE	--	20 A	1		0.00	0.90			1	20 A	SPARE
23 08A AQUARIUM WALL	12	20 A	1			0.24		0.00	1	20 A	SPARE
TOTAL CONNECTED				5.46	3.84	2.16					
TOTAL LOAD				47.65	34.15	18.00					
PER NEC ARTICLE 220 FEEDER LOAD				11.46	KVA						
				11.45	KVA						

**BL1B TRACK BUSWAY** 208Y/120 V, 3PH, 4W  
100 A, RATED BUSWAY  
10,000 AIC  
CASE GROUND

LENGTH: 100'  
POWER FEED: CENTER  
SERVES: ELECTRONICS POWER DROPS  
LOCATION: ELECTRONICS DEPARTMENT  
BUSWAY SYSTEM FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR B100C TRACK BUSWAY

DESCRIPTION	WIRE	BRKR	PL	A	B	C	PL	BRKR	WIRE	DESCRIPTION	
1 72G ELECTRONICS	12	20 A	1	0.75	0.00				1	20 A	SPARE
3 72G ELECTRONICS	12	20 A	1		1.06	0.36			1	20 A	444 FABRIC CUTTING / P.V.
5 72G ELECTRONICS	12	20 A	1			1.44		0.36	1	20 A	WIRELESS KIOSK
7 87B CONNECTION CENTER	12	20 A	1	0.36	0.36				1	20 A	72A CASH WRAP
9 72A / 87B CONNECTION	12	20 A	1		0.48	1.44			1	20 A	72G ELECTRONICS
11 PHOTO KIOSK	12	20 A	1			0.36		1.08	1	20 A	72G ELECTRONICS
13 72G ELECTRONICS	12	20 A	1			1.44		1.08	1	20 A	72G ELECTRONICS
15 72G ELECTRONICS	12	20 A	1			1.44		1.08	1	20 A	72G ELECTRONICS
17 72G ELECTRONICS	12	20 A	1			0.36		0.00	1	20 A	SPARE
19 SPARE	--	20 A	1	0.00	1.08				1	20 A	72G ELECTRONICS
21 SPARE	--	20 A	1		0.00	0.00			1	20 A	72G ELECTRONICS
23 198 DOG FOOD COOLER (6)	12	20 A	1			1.96		0.90	1	20 A	SPARE
25 SPARE	--	20 A	1	0.00	1.22				1	20 A	RTU'S 25 RECEPT (6)
27 SPARE	--	20 A	1		0.18	0.00			1	20 A	SPARE
29 COLUMN RECEPTACLES	12	20 A	1			0.72		1.22	1	20 A	RTU'S 23,24,27, AHJZ RCPTS (8)
TOTAL CONNECTED				6.26	6.96	6.60					
TOTAL LOAD				52.42	50.50	55.22					
PER NEC ARTICLE 220 FEEDER LOAD				18.92	KVA						
				16.04	KVA						

**BL1C TRACK BUSWAY** 208Y/120 V, 3PH, 4W  
100 A, RATED BUSWAY  
10,000 AIC  
CASE GROUND

LENGTH: 150'  
POWER FEED: END  
SERVES: SALES FLOOR POWER DROPS  
LOCATION: SEASONAL  
BUSWAY SYSTEM FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR B100C TRACK BUSWAY

DESCRIPTION	WIRE	BRKR	PL	A	B	C	PL	BRKR	WIRE	DESCRIPTION	
1 09A SPORTING C/W (6)	10	20 A	1	1.68	0.00				1	20 A	SPARE
3 09A SPORTING C/W / MGH (6)	10	20 A	1		1.68	0.00			1	20 A	SPARE
5 09A / 09B SPORTING C/W	12	20 A	1			0.16		0.10	1	20 A	09C BATT
7 12A COLOR CHIP BOARD (6)	10	20 A	1	1.02	0.00				1	20 A	SPARE
9 12B PAINT MIXING BOOTH (6)	8	20 A	1		1.58	0.00			1	20 A	SPARE
11 12B PAINT MIXING BOOTH	12	20 A	1			0.67		1.56	1	20 A	09D BATT FREEZER (6)
13 12B PAINT MIXING BOOTH	12	20 A	1	0.72	0.18				1	20 A	09E TOYS
15 12B PAINT MIXING BOOTH	12	20 A	1		0.80	0.00			1	20 A	SPARE
17 SPARE	--	20 A	1			0.00		1.44	1	20 A	07A TOYS GONDOLA (6)
19 RTU'S 25, 35 RECEPTS	12	20 A	1	1.22	0.72				1	20 A	11A SEASONAL
21 SPARE	--	20 A	1		0.00	0.72			1	20 A	11A SEASONAL
23 SPARE	--	20 A	1			0.00		0.00	1	20 A	SPARE
25 SPARE	--	20 A	1	0.00	0.00				1	20 A	SPARE
27 11A SEASONAL	12	20 A	1		0.72	0.00			1	20 A	SPARE
29 11A SEASONAL	12	20 A	1			0.72		1.22	1	20 A	AHJZ, RTU 22 RECEPTS (6)
TOTAL CONNECTED				5.54	5.46	5.67					
TOTAL LOAD				46.24	45.70	48.97					
PER NEC ARTICLE 220 FEEDER LOAD				18.89	KVA						
				18.89	KVA						

**BL2A TRACK BUSWAY** 208Y/120 V, 3PH, 4W  
100 A, RATED BUSWAY  
10,000 AIC  
CASE GROUND

LENGTH: 190'  
POWER FEED: CENTER  
SERVES: FRONT CHECKOUTS  
LOCATION: FRONT CHECKOUTS  
BUSWAY SYSTEM FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR B100C TRACK BUSWAY

DESCRIPTION	WIRE	BRKR	PL	A	B	C	PL	BRKR	WIRE	DESCRIPTION	
1 FRONT CASH WRAPS	12	20 A	1	1.02	1.32				1	20 A	12 FRONT CASH WRAPS
3 FRONT CASH WRAPS	12	20 A	1		1.32	1.32			1	20 A	12 FRONT CASH WRAPS
5 FRONT CASH WRAPS	12	20 A	1			1.32		1.03	1	20 A	12 FRONT CASH WRAPS
7 FRONT CASH WRAPS	12	20 A	1	1.32	0.50				1	20 A	12 SELF CHECKOUTS
9 FRONT CASH WRAPS	12	20 A	1			1.32		0.90	1	20 A	12 SELF CHECKOUTS
11 FRONT CASH WRAPS	12	20 A	1			1.32		0.90	1	20 A	12 PAY STATION
13 CIGARETTES / MGH	12	20 A	1	0.48	0.50				1	20 A	12 SELF CHECKOUTS
15 SPARE	--	20 A	1		0.00	0.00			1	20 A	SPARE
17 SPARE	--	20 A	1			0.00		0.96	1	20 A	12 SELF CHECKOUTS
19 SPARE	--	20 A	1	0.00	0.18				1	20 A	12 PRICE VERIFIER
21 SELF CHECKOUTS / COOLERS (6)	10	20 A	1		1.28	0.00			1	20 A	SPARE
23 SELF CHECKOUTS (6)	10	20 A	1			0.88		0.00	1	20 A	SPARE
25 SELF CHECKOUTS / COOLERS (6)	10	20 A	1	1.28	0.00				1	20 A	SPARE
27 SELF CHECKOUTS (6)	10	20 A	1		0.96	0.00			1	20 A	SPARE
29 SPARE	--	20 A	1			0.00		0.41	1	20 A	14A1 34B FITTING ROOMS / MGH
31 SELF CHECKOUTS / COOLER	12	20 A	1	0.88	0.00				1	20 A	SPARE
33 SELF CHECKOUTS	12	20 A	1		0.96	0.00			1	20 A	SPARE
35 SPARE	--	20 A	1			0.00		1.28	1	20 A	32A JEWELRY C/W
37 PAY STATION	12	20 A	1	0.61	0.89				1	20 A	12 SELF CHECKOUTS / COOLER
39 SPARE	--	20 A	1		0.00	0.96			1	20 A	12 SELF CHECKOUTS
41 COLUMN RECEPTACLES	12	20 A	1			0.36		0.00	1	20 A	SPARE
TOTAL CONNECTED				9.00	9.98	8.24					
TOTAL LOAD				75.95	76.85	68.70					
PER NEC ARTICLE 220 FEEDER LOAD				26.32	KVA						
				26.32	KVA						

**BL2B TRACK BUSWAY** 208Y/120 V, 3PH, 4W  
100 A, RATED BUSWAY  
10,000 AIC  
CASE GROUND

LENGTH: 45'  
POWER FEED: END  
SERVES: SALES FLOOR POWER DROPS  
LOCATION: SEASONAL  
BUSWAY SYSTEM FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR B100C TRACK BUSWAY

DESCRIPTION	WIRE	BRKR	PL	A	B	C	PL	BRKR	WIRE	DESCRIPTION	
1 16C SEASONAL	12	20 A	1	0.36	0.00				1	20 A	SPARE
3 SPARE	--	20 A	1		0.00	1.00			1	20 A	46E RAIL CORNICE
5 SPARE	--	20 A	1			0.00		2.00	1	20 A	46E RAIL CORNICE
7 46E RAIL CORNICE	12	20 A	1	1.00	0.00				1	20 A	SPARE
9 46E RAIL CORNICE	12	20 A	1		1.00	1.00			1	20 A	46E RAIL CORNICE
11 SPARE	--	20 A	1			0.00		1.00	1	20 A	46E RAIL CORNICE
13 SPARE	--	20 A	1	0.00	0.36				1	20 A	PRICE VERIFIERS
15 46E RAIL CORNICE	12	20 A	1		1.00	1.00			1	20 A	46E RAIL CORNICE
17 46E RAIL CORNICE	12	20 A	1			1.00		1.00	1	20 A	46E RAIL CORNICE
19 18C SEASONAL (6)	10	20 A	1	0.72	1.22				1	20 A	RTU'S 18-19 RECEPTS
21 SPARE	--	20 A	1		0.00	0.00			1	20 A	SPARE
23 SPARE	--	20 A	1			0.00		0.00	1	20 A	SPARE
TOTAL CONNECTED				3.66	3.60	3.99					
TOTAL LOAD				30.50	43.38	43.38					
PER NEC ARTICLE 220 FEEDER LOAD				13.66	KVA						
				13.66	KVA						

**BL2U TRACK BUSWAY** 120/240 V, 1PH, 3W  
40 A, RATED BUSWAY  
5,000 AIC  
CASE GROUND  
ISOLATED GROUND

LENGTH: 190'  
POWER FEED: CENTER  
SERVES: FRONT CHECKOUTS  
LOCATION: FRONT CHECKOUTS  
BUSWAY SYSTEM FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR B40 TRACK BUSWAY

DESCRIPTION	WIRE	BRKR	PL	A	B	C	PL	BRKR	WIRE	DESCRIPTION	
1 SPACE	--	--	--	0.00	0.51				1	20 A	12 FRONT CASH WRAPS
3 PAY STATION	12	20 A	1		0.33	0.00			1	20 A	SPARE
5 SPACE	--	--	--	0.00	0.51				1	20 A	12 FRONT CASH WRAPS
7 FRONT CASH WRAPS	12	20 A	1		0.51	0.00			1	20 A	SPARE
9 SPACE	--	--	--	0.00	0.00				1	20 A	SPARE
11 PAY STATION	12	20 A	1		0.33	0.00			1	20 A	SPARE
TOTAL CONNECTED				1.02	1.16						
TOTAL LOAD				8.50	9.67						
PER NEC ARTICLE 220 FEEDER LOAD				2.18	KVA						
				2.18	KVA						

- PANELBOARD NOTES**
- TERMINATE GROUND ON ISOLATED GROUND BUS
  - INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-OFF FOR MAINTENANCE).
  - INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD (LOCK-ON FOR CRITICAL LOAD).
  - GFI BREAKER FOR PERSONNEL PROTECTION (5 mA)
  - GFI BREAKER FOR EQUIPMENT PROTECTION (30 mA)
  - CONDUCTOR SIZE HAS BEEN INCREASED FOR VOLTAGE DROP. SIZE EQUIPMENT GROUNDING CONDUCTOR PROPORTIONALLY PER NEC.
  - REFER TO ONE-LINE DIAGRAM FOR AMPS. RESULT CURRENT FOR INTERRUPTING RATING.
  - REFER TO ONE-LINE DIAGRAM FOR WIRE SIZES.
  - FACTORY WIRE TO
  - REFER TO SITE LIGHTING PLAN FOR SIZES.
  - THRU CONTACTOR
  - FACTORY PROVIDED WITH RED LABEL FOR FIRE ALARM CIRCUIT
  - FACTORY PROVIDED WITH RED LABEL FOR EMERGENCY NIGHT LIGHTING TO UNSWITCHED TERMINATION.
  - DESIGNATE "PART" BREAKER.

**RETAL DESIGN COLLABORATIVE**

STIPULATION FOR USE:  
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11000-26 PHOTO

**Walmart**  
LEESBURG, VIRGINIA  
STORE NO. 1904  
JOB NUMBER: 11000-26 PHOTO

ISSUE BLOCK  
11/30/17 OTB

CHECKED BY: SAG  
DRAWN BY: GAR  
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DOCUMENT DATE: 09/13/17

**BID SET NOT FOR CONSTRUCTION**

**BUSWAY SCHEDULES**

SHEET: **E4.4**