



LOAD TABULATION FOR LIGHTING CONTROLLER "WL" BURNSVILLE

CIRCUIT	DESCRIPTION	PHASE A (RED) AMPS	PHASE B (BLACK) AMPS	BREAKER SIZE AMPS
A	(2) FIXT @ 1.94A, (9) NEW FIXT @ 1.53A	17.65 (21.34)		70A, 1 POLE
B	(2) FIXT @ 1.94A, (9) NEW FIXT @ 1.53A		17.65 (21.34)	70A, 1 POLE
C	(3) EX FIXT @ 1.94A, (9) NEW FIXT @ 1.53A	19.59 (23.28)		70A, 1 POLE
D	(2) EX FIXT @ 1.94A, (9) NEW FIXT @ 1.53A		17.65 (21.34)	70A, 1 POLE
E	(2) EX FIXT @ 1.94A	3.88 (3.88)		70A, 1 POLE
F	(2) EX FIXT @ 1.94A		3.88 (3.88)	70A, 1 POLE
G	(2) FIXT @ 1.94A	3.88 (3.88)		70A, 1 POLE
H	(1) NEW FIXT @ 1.94A		1.94 (1.94)	70A, 1 POLE
TOTAL CONNECTED LOAD @ 240V, 1 PH.		45A (52.38A)	41.12A (48.50A)	
TOTAL CONNECTED LOAD @ 240V, 1 PH.		10.8KVA (12.6KVA)	9.9KVA (11.6KVA)	
TOTAL CONNECTED LOAD @ 480V, 1 PH.		43A (50.42A)		

NOTE: AMPERAGE IN PARENTHESIS REPRESENT FUTURE LUMINARIES WITH A 400W HPS LAMPS.

- LEGEND**
- PROPOSED 310W HPS LUMINAIRE
 - EXISTING 400W HPS LUMINAIRE
 - PROPOSED LIGHTING CONTROLLER, SINGLE TYPE
 - B BLACK PHASE CONDUCTOR
 - W WHITE NEUTRAL CONDUCTOR
 - R RED PHASE CONDUCTOR
 - G GREEN GROUND CONDUCTOR

NOTE:
1. SEE TRAFFIC PLANS FOR STATIONS.



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