



**ONE -- LINE DIAGRAM  
NOT TO SCALE**

**LEGEND**

- LIGHTING UNIT RED PHASE
- LIGHTING UNIT BLACK PHASE
- ➔ COMBO LIGHTING UNIT RED PHASE
- ➔ COMBO LIGHTING UNIT BLACK PHASE
- JUNCTION BOX EMBEDDED IN STRUCTURE
- EXISTING UNIT DUCT
- - - PROPOSED UNIT DUCT
- [ - ] CONDUIT RGS 2" DIA.
- ==== PROPOSED CONDUIT EMBEDDED IN STRUCTURE

**NOTES:**

1. ALL LAMPS 200 WATT
2. ALL BALLASTS 240V SINGLE PHASE

**LOAD TABULATION FOR LIGHTING CONTROLLER K2**

RED PHASE			BLACK PHASE		
CIRCUIT	WATTS	AMPS	CIRCUIT	WATTS	AMPS
A	750	3.13	B	500	2.08
C	500	2.08	D	250	1.04
E	750	3.13	F	750	3.13
G	1000	4.17	H	1000	4.17
I	1000	4.17	J	1000	4.17
TOTAL	4000	16.67	TOTAL	3500	14.58