

This design document is prepared solely for use by the party with whom Tek Consultants Limited has entered into an agreement and there are no representations of any kind made by the design professional to any party other than the design professional has not entered into an agreement.

## ELECTRONIC TRANSFER

0 10 20 30 40 50mm

POWER SUPPLY: 120/240V,1ø,3w			PANEL: A.A.			MOUNTING: SURFACE			
MANNS: 60A MAIN BREAKER			LOCATION:			APPROVED FOR SERVICE ENTRANCE USE			
NUMBER OF CCTS: 18			REMARKS:						
DESCRIPTION	WATTAGE		# BKR	CIRCUIT	BKR #	WATTAGE		DESCRIPTION	
	A	B				A	B		
POLE 2 RECEPTACLE	120		1	15	1	0	2	15	LIGHTING POLE 1,2 & 3
POLE 3 RECEPTACLE		120	1	15	3	B	4	15	SPARE
SPARE			1	15	5	0	6	15	SPARE
SPARE			1	15	7	B	8	15	SPARE
				9	0	10			
				11	B	12			
				13	0	14			
				15	B	16			
				17	0	18			
PHASE LOADS:	120	120					612		
TOTAL LOAD:	852								
TOTAL PHASE LOADS		120							1067 mm H x 610 mm W x 178 mm D
CURRENT (A) @ 240V:									STAINLESS STEEL, CSA 4X ENCLOSURE
		4							

\* USE CRSC FOR ALL SURFACE AND EXPOSED CONDUIT. CONVERT TO PVC WITHIN THE CONCRETE DECK.

CONDUIT AND WIRE SCHEDULE							
ITEM	FUNCTION	FROM	TO	WIRE	CONDUIT *	INSTALLATION	NOTES
1	SERVICE	SERVICE POLE	UTILITY METER	3#6 RW90	27mm RIGID CRSC/PVC	CONCRETE ENCASED U/G/DECK	
2	SERVICE GROUND	UTILITY METER	STEEL PILING	#6	27mm RIGID CRSC/PVC	CONCRETE ENCASED IN DECK	
3	PANEL A FEEDER	UTILITY METER	PANEL A	3#6 + 1#8 B	27mm RIGID CRSC	AT SERVICE CENTER	
4	LIGHTING FEEDER	PANEL A COT 2	LIGHTING PHOTOCELL	2#12 + 1#12 B	27mm RIGID CRSC	AT METER SERVICE CENTER	
5	WHAFF LIGHTING	WHAFF LIGHTING JUNCTION BOX	WHAFF LIGHTING JUNCTION BOX	3#12 + 1#12 B	27mm RIGID CRSC	CONCRETE ENCASED IN DECK	
6	WHAFF LIGHTING	WHAFF LIGHTING JUNCTION BOX	LIGHT POLE #1	2#12+ 1#12 B	27mm RIGID CRSC/PVC	CONCRETE ENCASED IN DECK	
7	WHAFF LIGHTING	WHAFF LIGHTING JUNCTION BOX	LIGHT POLE #2	2#12+ 1#12 B	27mm RIGID CRSC/PVC	CONCRETE ENCASED IN DECK	
8	WHAFF LIGHTING	LIGHT POLE #2	LIGHT POLE #3	2#12 + 1#12 B	27mm RIGID PVC	CONCRETE ENCASED IN DECK	
9	POLE #2 RECEPTACLE	PANEL A COT 1	POLE #2 RECEPTACLE	2#10 + 1#10 B	27mm RIGID CRSC/PVC	CONCRETE ENCASED IN DECK	
10	POLE #3 RECEPTACLE	PANEL A COT 3	POLE #3 RECEPTACLE	2#8 + 1#10 B	27mm RIGID CRSC/PVC	CONCRETE ENCASED IN DECK	

