

**GENERAL SUBSCRIPTS**

E - INDICATES EXISTING TO REMAIN  
W - INDICATES WEATHERPROOF

**LEGEND**

- CONDUIT AND WIRING UNDERGROUND
- CONDUIT AND WIRING RUN SURFACE
- AERIAL WIRING
- UTILITY POLE
- GUY WIRE
- A1' ELECTRICAL PANEL SURFACE MOUNTED;  
A1 - INDICATES PANEL DESIGNATION
- A1-1 INDICATES CIRCUIT 1 IN PANEL 'A1'
- 2#10 TWO CONDUCTORS NUMBER 10 AWG WIRING
- 400 FUSED DISCONNECT SWITCH;  
F-400 - INDICATES SIZE
- UTILITY METER
- L5-15R COMBINATION DUPLEX RECEPTACLE AND GFCI MODULE;  
L5-15R - INDICATES CSA CONFIGURATION (TWISTLOCK)
- EXISTING SITE LIGHTING LUMINAIRE ON WOOD POLE
- LIGHT INDICATES EXISTING
- BOLD INDICATES NEW WORK

**TEK CONSULTANTS LIMITED**  
CONSULTING ELECTRICAL ENGINEERS

P.O. BOX 1 FREDERICTON, NB E3B 4Y2 TEL: (506) 458-9881 FAX: (506) 458-9863 tek@tekcon.ca 21416

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**GENERAL NOTES:**

- CONTRACTOR SHALL EXAMINE ELECTRICAL DRAWINGS, VISIT THE SITE TO VERIFY EXISTING EQUIPMENT AND CONDITIONS AND SCOPE OF WORK INVOLVED IN DEMOLITION PRIOR TO SUBMITTING A TENDER. EXTRAS WILL NOT BE CONSIDERED BECAUSE ACTUAL CONDITIONS DIFFER FROM DRAWINGS AND ALL COSTS RELATING TO EXISTING SITE CONDITIONS MUST BE INCLUDED IN TOTAL TENDERED PRICE.

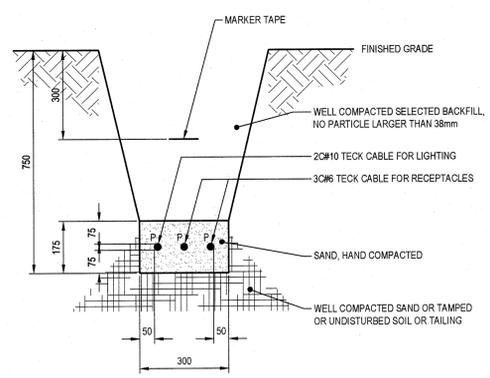
**NOTES**

- SUPPLY AND INSTALL GALVANIZED STEEL CABLE GUARD OVER TECK CABLES MOUNTED ON TOP OF GROUNDOUT STRUCTURE TIMBERS.
- SUPPLY AND INSTALL AERIAL MESSENGER WIRE BETWEEN POLES, FASTENED AT BOTH ENDS USING EYE BOLTS AND TWO BOLT AERIAL MESSENGER CLAMPS.
- EXISTING PANEL 'A' TO BE REFEED VIA FEED THROUGH LUGS IN NEW SERVICE PANEL 'A1'. EXISTING CONDUIT AND FEEDER CONDUCTORS TO BE REUSED.
- NEW WOOD UTILITY POLE COMPLETE WITH ANCHOR(S), SUPPLIED AND INSTALLED UNDER THIS CONTRACT.
- PROVIDE PVC CABLE GUARD OVER CABLE TO 3.0m ABOVE GRADE.

**BURIED UTILITIES**

THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING BURIED UTILITIES BEFORE COMMENCING WORK AND WILL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

DESCRIPTION		WATTAGE		#	BKR	CIRCUIT	BKR	#	WATTAGE	DESCRIPTION	
A	B	A	B	P	AMP	a	b	P	A	B	
		120		1	15	1	a	2	15	1	GROUNDOUT RECEPTACLE 2
			120	1	15	3	b	4	15	1	GROUNDOUT RECEPTACLE 4
		275		1	15	5	a	8	15	1	SPARE
				1	15	7	b	8	15	1	SPARE
							a	10			
							b	12			
							a	14			
							b	16			
							a	18			
PHASE LOADS:		395	120						120	120	
TOTAL LOAD:		755									
TOTAL PHASE LOADS		515	240								813 mm H x 508 mm W x 146 mm D STAINLESS STEEL CSA 4X ENCLOSURE
CURRENT (A) @ 240V:		3									



TRENCH DETAIL SCALE: 1:10

GROUNDOUT STRUCTURE - ELECTRICAL SCALE: 1:150

GRID NORTH UNIVERSAL TRANSVERSE MERCATOR NAD 83 (SOUTH AMERICA)

CONCRETE SLIPWAY

PAVED PARKING LOT

STORAGE COMPOUND (FENCED)

BUILDING

EXISTING PANEL

BLDG

1 E1

A E1