



- NOTES :
- 1. FEK INDICATES FIRE EQUIPMENT KIOSK
  - 2. \* INDICATES OPERATIONAL FLOOD LIGHT WASTS
  - 3. \* INDICATES EXISTING EARTHWIRE BEAMS TO BE REMOVED TO ENSURE Ø TO E CLEARANCE TO 275KV STRINGER
  - 4. CO-ORDINATES AND CONTOURS TAKEN FROM DRG 019/32140. CONTOURS ARE AT 0.5m INTERVALS.

TENSION PER CONDUCTOR		TERRACE LINE	
275KV BUSBAR	8KV	10.092	2
275KV STRINGERS	4KV	12.2	9
88KV BUSBAR	2KV	14.5	14.5
88KV STRINGERS	2KV	14.5	14.5
EARTHWIRE	2KV	14.5	14.5

BUSBAR CONDUCTOR SIZE		TERRACE LINE	
275KV BUSBAR	2x800mm <sup>2</sup> AAC	10.092	2
88KV BUSBAR	2x800mm <sup>2</sup> AAC & 1x800mm <sup>2</sup>	12.2	9
132KV BUSBAR	4x200.6 WT AL-TUBE	14.5	14.5

EARTHWIRE CONDUCTOR & HARDWARE SCHEDULE		TERRACE LINE	
DESCRIPTION	QTY	ITEM	QUANTITY
CONDUCTOR (HARE)	1	1 x 100mm <sup>2</sup>	1055m
EARTHWIRE CLAMPS	2	EW1	15
P.C. CLAMPS	3	PC CLAMPS	37

S.O.L. FENCE		20	16.82	2	TERRACE LINE		S.O.L. FENCE		20	16.82	2	TERRACE LINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
S.O.L. 88kV YARD FENCE		4.845	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	10.363	12.192	6.096	