



Vertical Grounding Electrode **Existing Grade** Native Backfill Use Exothermic Weld to connect to horizontal electodes "d" Minimum bending see radius 300 mm Installation Procedure: Table 1 1. Drill hole to designed depth and diameter. 2. Place 2/0 bare copper cable in center of hole. 3. Pump Conducrete® slurry in hole from bottom up. Conducrete® 4. If well casing is required during drilling, remove casing upon completion of installation. 2/0 Bare Copper Cable

150mm dia.

		Tal	ole	1		
	Number of	Depth			Number of	Depth
Location	Wells	"d" (meters)		Location	Wells	"d" (meters
WTG 23	3	50		WTG 46	0	0
WTG 24	1	50		WTG 47	0	0
WTG 25	1	50		WTG 48	1	40
WTG 26	2	60		WTG 49	0	0
WTG 27	3	75		WTG 50	0	0
WTG 28	2	40		WTG 51	1	60
WTG 29	2	65		WTG 52	1	50
WTG 30	1	50		WTG 53	1	50
WTG 31	2	45		WTG 54	1	30
WTG 32	1	50		WTG 55	1	50
WTG 33	0	0		WTG 56	1	40
WTG 34	0	0		WTG 57	2	40
WTG 35	1	50		WTG 58	1	50
WTG 36	1	40		WTG 59	1	50
WTG 37	1	40		WTG 60	1	50
WTG 38	2	50		WTG 61	1	30
WTG 39	2	50		WTG 62	1	50
WTG 40	1	50		WTG 63	1	50
WTG 41	1	50		WTG 64	2	40
WTG 42	2	50		WTG 65	0	0
WTG 43	1	40		WTG 66	0	0
WTG 44	1	50				



SAE Inc. 19 Churchill Drive

Barrie, Ontario, Canada L4N 8Z5 Tel: (705) 733–3307 Fax: (705) 733–1218

Email: saeinfo@saeinc.com Website: www.saeinc.com

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Scale: N.T.S.

Site Information:

Tower Grounding Grid with Vertical Grounding Electrode Erie Shores Wind Turbine Generators

Customer:

File:

1133

Drawing Title:

Drawing Number:

1133 - V

Rev	Description:	Dwn:	Chkd:	Date:
6	SITES ADDED	СН		Feb 06
5	SITES ADDED	СН		Feb 06
4	SITES ADDED	СН		Feb 06
3	SITES ADDED	СН		Feb 06
2	MULTIPLE WELLS PER SITE ADDED	СН	DBS	Feb 06
1	WTG 35 ADDED	СН	DBS	Feb 06
0		СН	DBS	Jan 06