

APPENDIX 7 CONTAINER STORAGE FACILITY - ELECTRICAL DEMAND

Table Appendix 7-1 Container Storage Facility - Electrical Demand

	Description	m ²	W/m ²	Design kW	Diversity	Running kW
	Distribution and Container Storage Depot					
1	Warehouse	121,406	21.02	2,552	0.79	2,024
1.1	Container Storage @65%	109,265	9.50	1,038	0.70	724
	Lighting	109,265	7.50	819	0.65	533
	Power	109,265	1.00	109	0.75	82
	HVAC	109,265	1.00	109	1.00	109
1.2	Office Space@10%	12,141	100.00	1,214	0.92	1,120
	Lighting	12,141	15.00	182	0.90	164
	Power	12,141	25.00	304	0.75	228
	HVAC	12,141	60.00	728	1.00	728
1.3	External circulation / lorry park	100,000	3.00	300	0.60	180
	Area Lighting	100,000	3.00	300	0.60	180
2	Area road lighting (Say 1 km dual carriageway)	1	15.00	15	1.00	15
	Road Lighting - W/m of road	1	15.00	15	1.00	15
		221,406	11.59	2,567	0.79	2,039
	25%			642		
	Total			3,209		