

**Environmental Permit Variation Application**

**Site Plan**

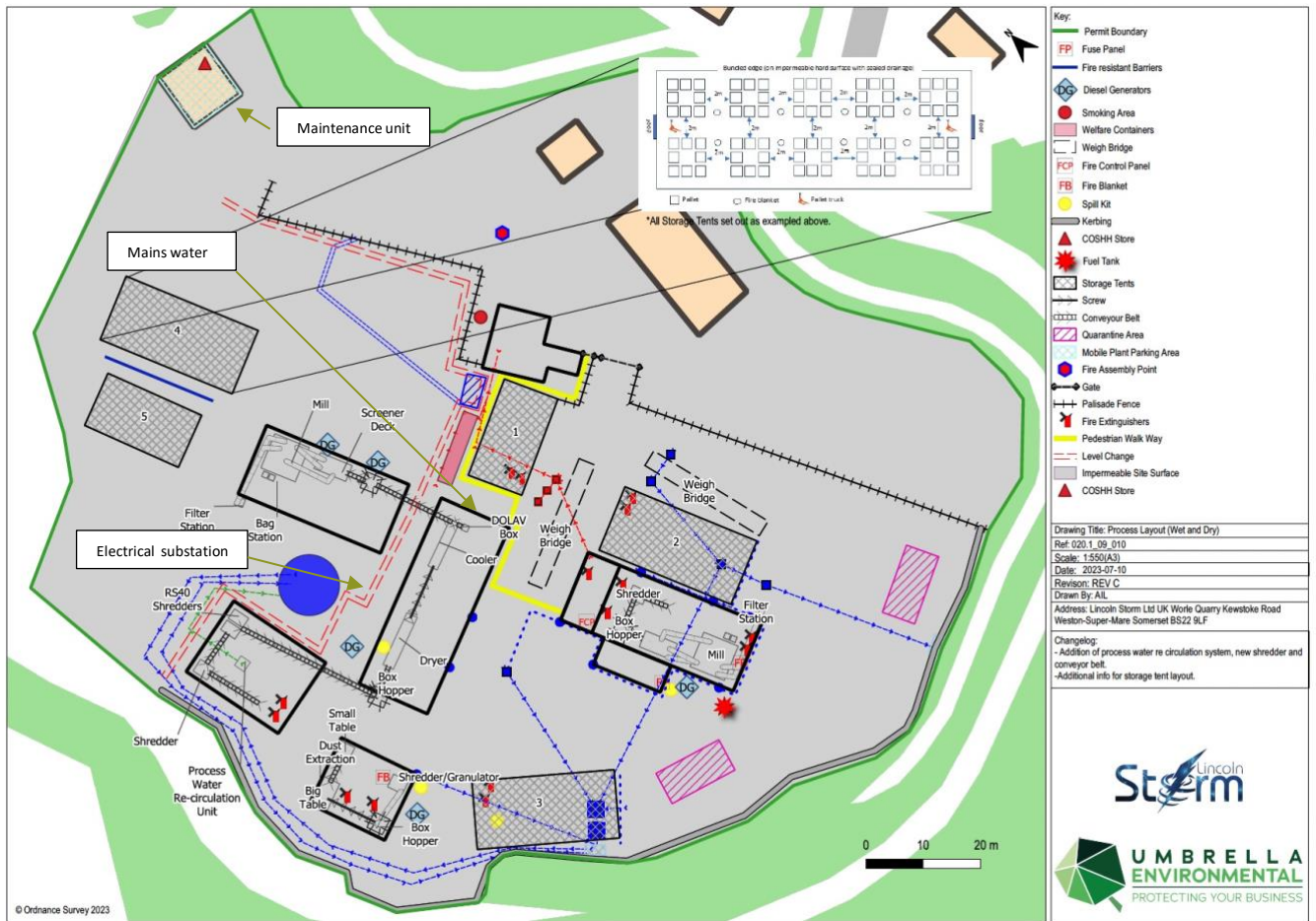
Prepared for: Lincoln Storm Limited

Environmental Permit Ref: EPR/KB3002CW



# Main plan

Claimed Confidential

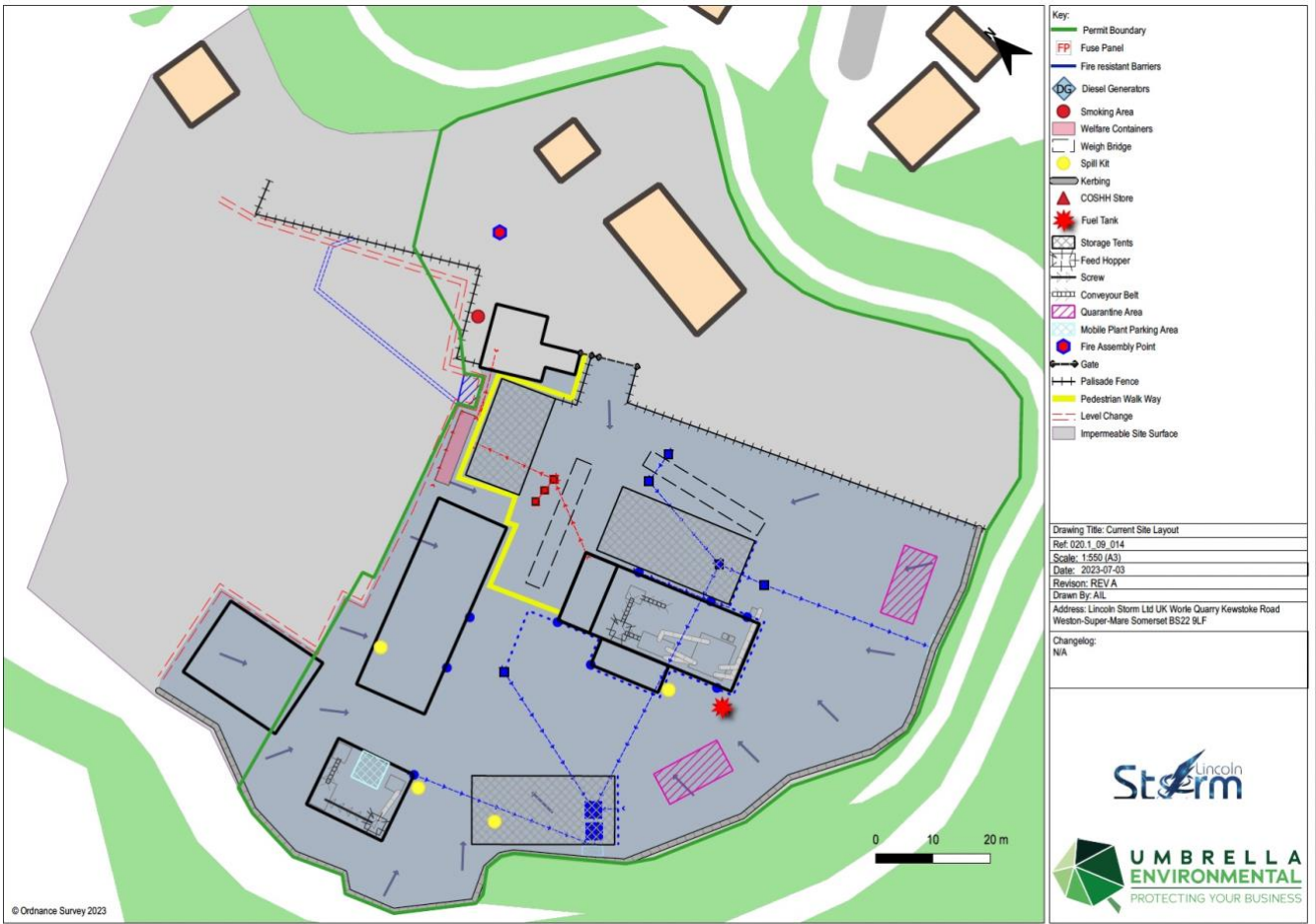


**Notes to Site Plan:** (1) The site treats all waste received and held as if it is hazardous. All storage and processing areas are configured accordingly; (2) gas cylinders are stored offsite in the maintenance unit at the North of the quarry; (3) Maintenance oils are stored at offsite (in maintenance unit); (4) Personal Protective Equipment (PPE) and (5) fire hose are stored in the office building (see where 'fuse panel' on legend is located); (6) fire vehicle access is through the main west gate of the site and/or the North East entrance. The nearest fire hydrant is on Kewstoke Road (and has been successfully accessed).

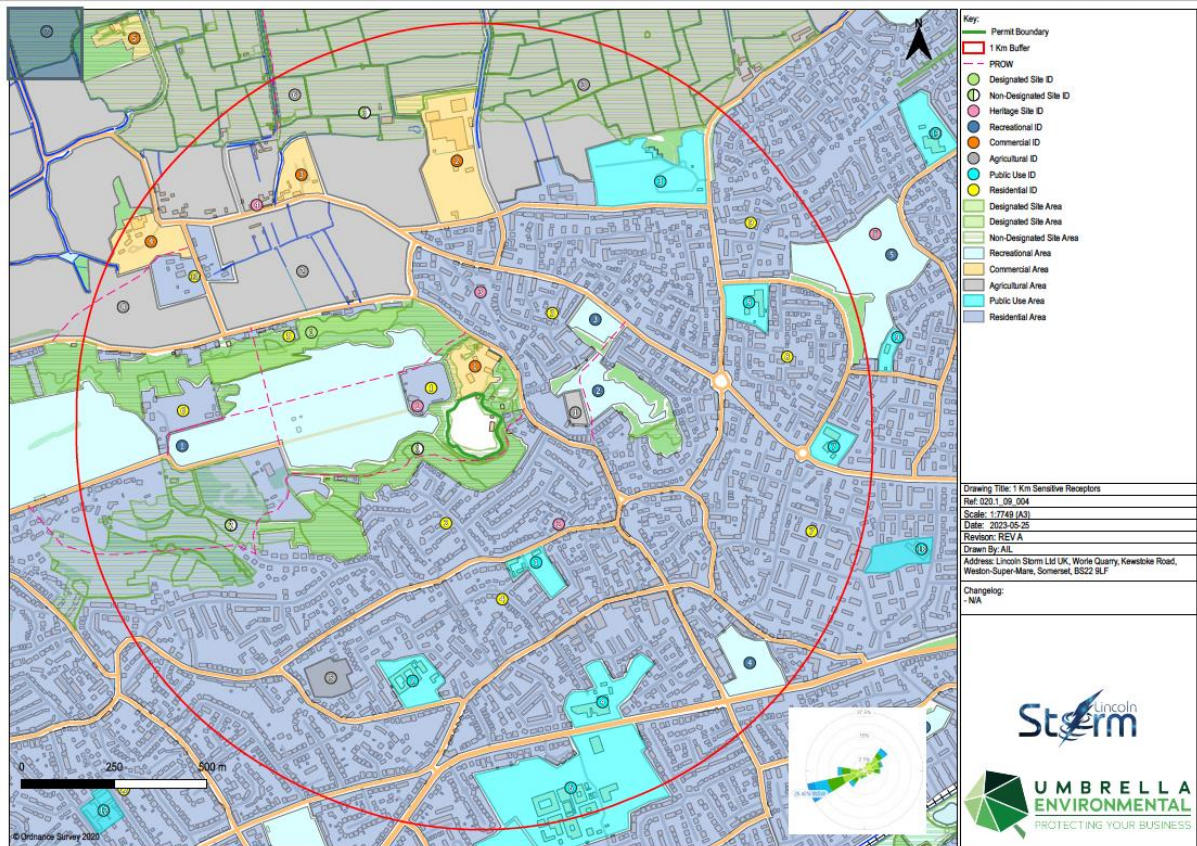


# 1.1 Drainage Fall lines

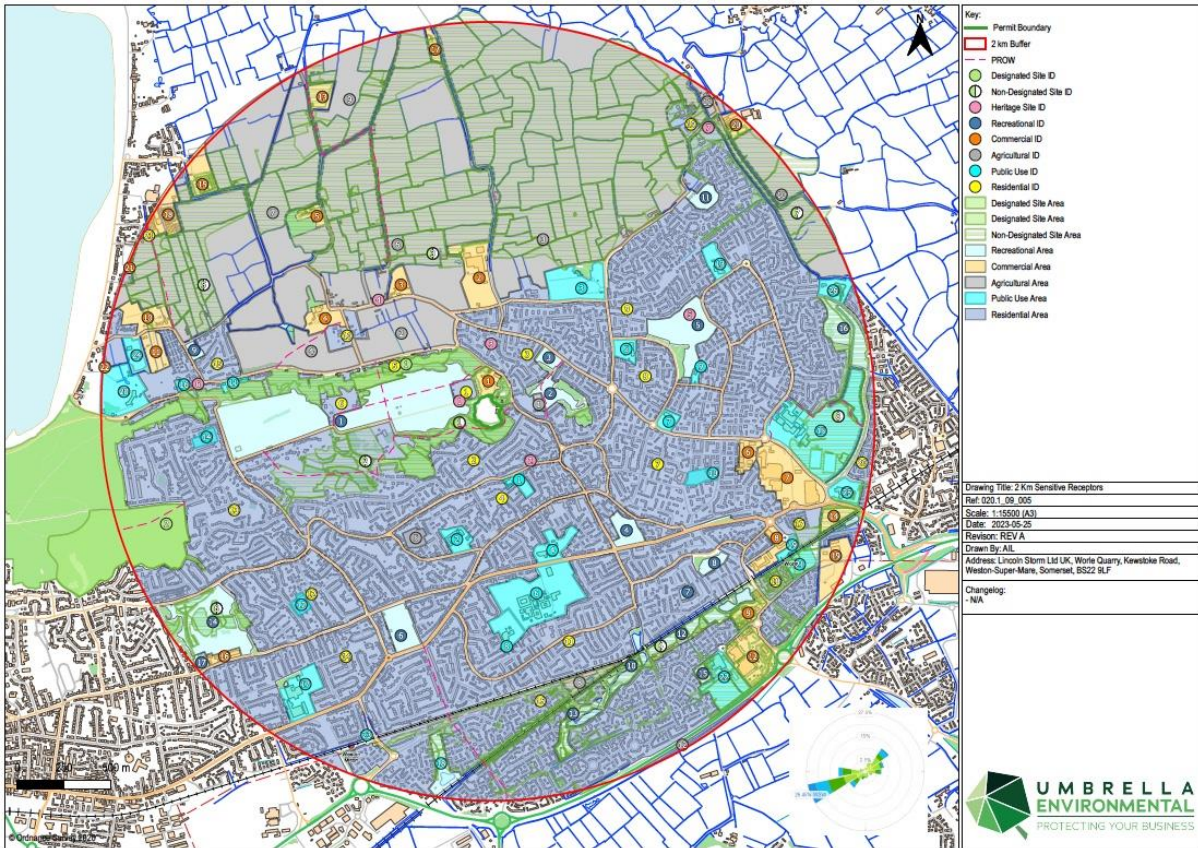
Claimed Confidential



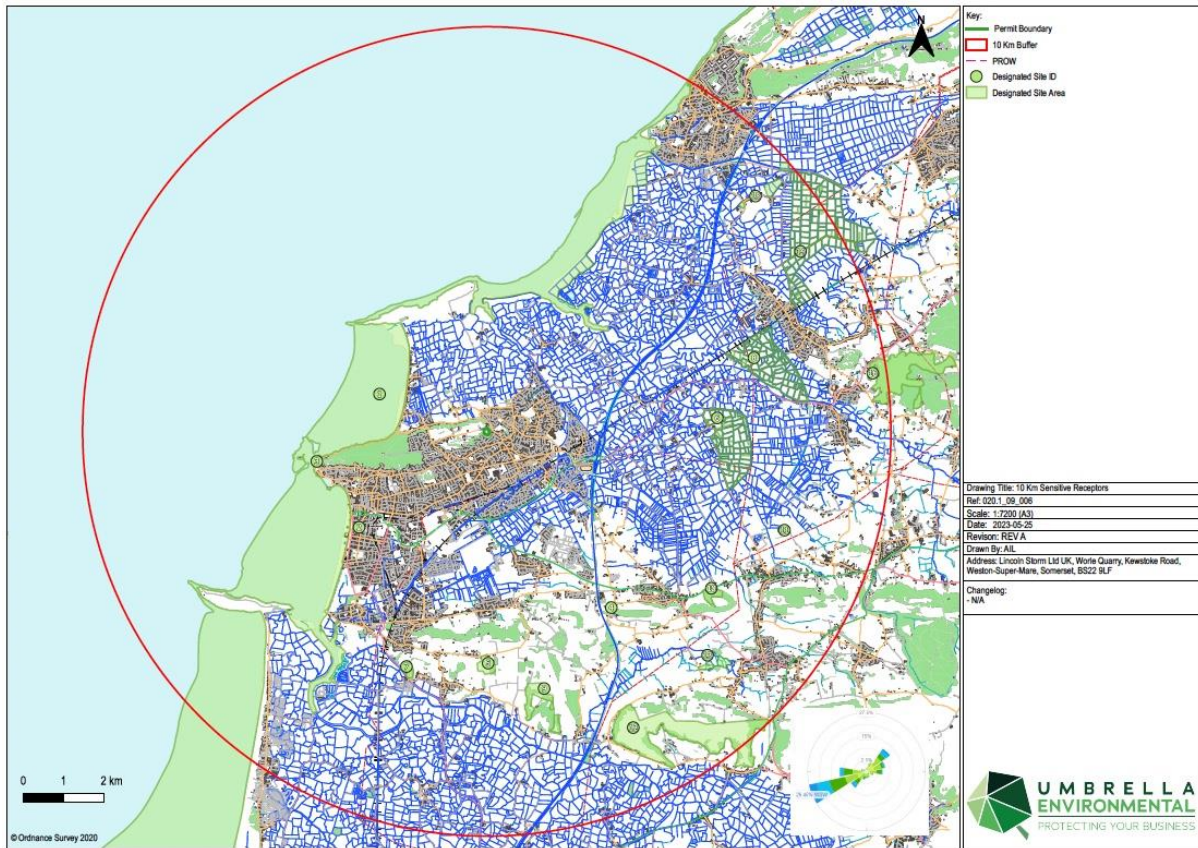
## 1.2 1 km sensitive receptor map



### 1.3 2km sensitive receptor map



## 9.4 10 km sensitive receptor map





**Wet processing zone**

This zone takes **charged** batteries, cells and modules and shreds, dries and separates in a continuous integrated process to produce the Storm Black product.

**Dry processing zone**

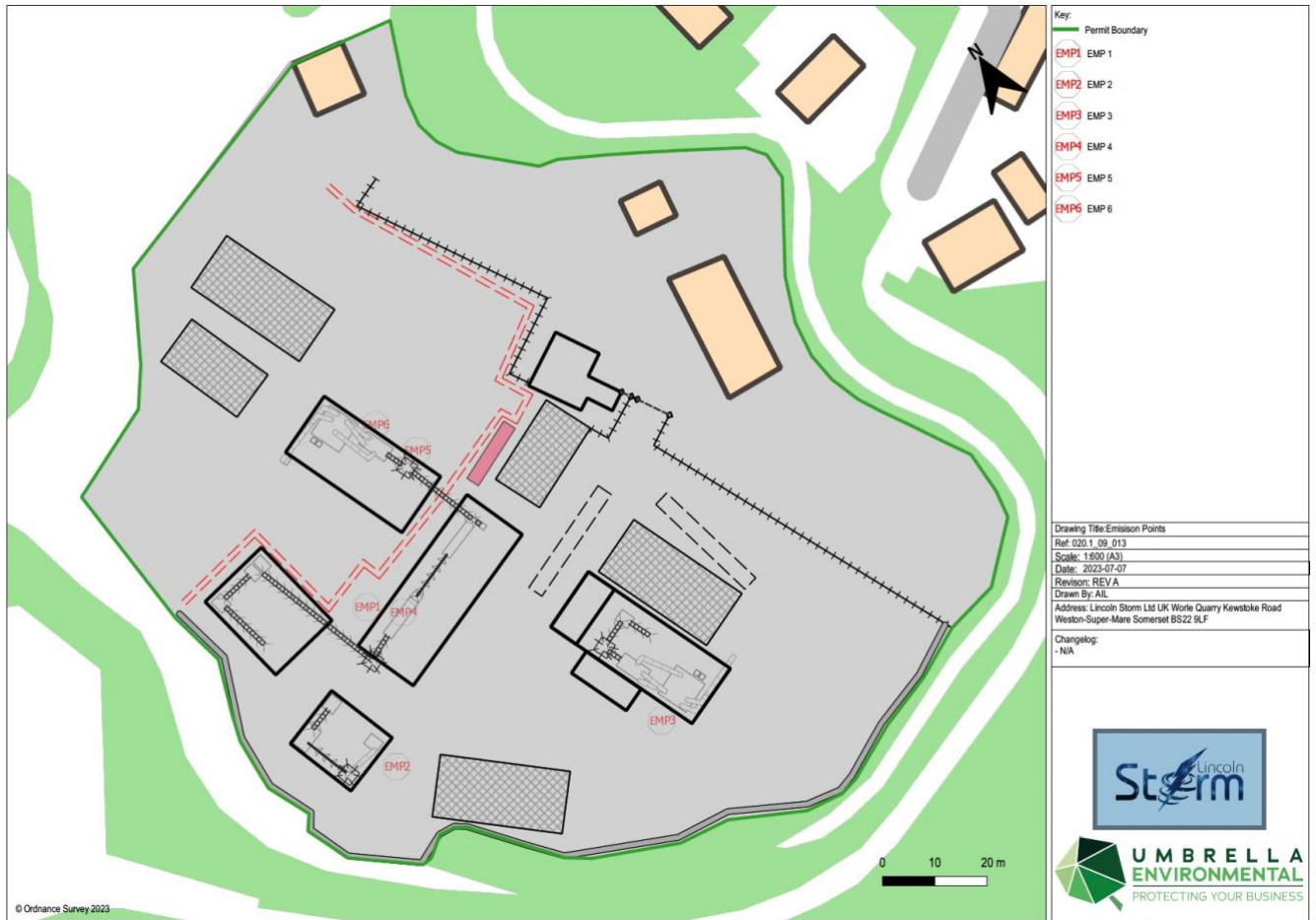
This zone takes **uncharged and discharged** batteries, cells and modules and shreds, dries and separates in a continuous integrated process to produce the Storm Black product.

**Al/Cu separation zone**

This zone takes mixed **aluminium and copper** output of the Storm Black production process and separates these out into bags of the two separate metals.



The following site plan shows the six emission points. Emission details are provided in Form 2.5 with this variation. The diesel generators on site are AKSA generators (1 x 1015, 1 x AD410(EU), 3 x AD630EU). Emissions include NO<sub>x</sub>, THC, CO and PM. The dryer emission point produces steam (H<sub>2</sub>O) generating 561,000 kg of steam for an annual running of 3,120 hours a year.

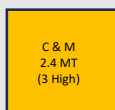
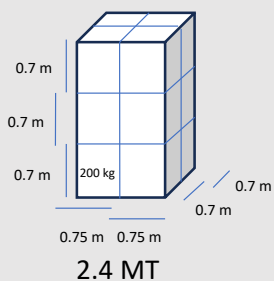


The following pages show the layout (including location identification codes) for the material shown in the table above, for each storage area. An additional tent will be added to this to store Electric Vehicle batteries (EV) which are received for onward shipping to the United States.

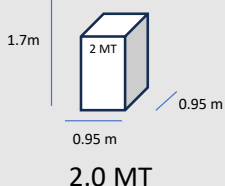
### Storage Key

The diagrams below show the dimensions and weights of materials stored at the facility. It is assumed that a space of 2 metres is required for a forklift to have access to each pallet.

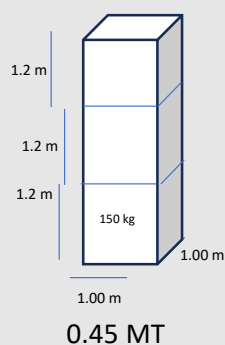
Cells and modules  
(including ESS packs)



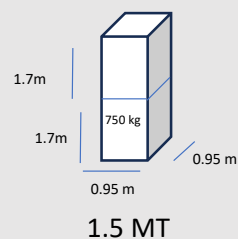
Storm Black™



Polymer



Aluminium and  
copper



# Tent 1

— = 1 m

## Holding 47.1 MT of Storm Black™, Polymer and Aluminium and Copper

	1A	1B	1C	1D	1E	1F	1G	1H	1I	1J	1K	1L	1M	1N						
R1	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)						
R2		Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)						
R3		Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)	Polymer 0.45 MT (3 high)						
		Al & Cu 1.505 MT (2 high)												Al & Cu 1.505 MT (2 high)						
R4	Al & Cu 1.505 MT (2 high)	Al & Cu 1.505 MT (2 high)	Al & Cu 1.505 MT (2 high)	Al & Cu 1.505 MT (2 high)	Al & Cu 1.505 MT (2 high)	Al & Cu 1.505 MT (2 high)	Al & Cu 1.505 MT (2 high)	Al & Cu 1.505 MT (2 high)	Al & Cu 1.505 MT (2 high)	Al & Cu 1.505 MT (2 high)	Al & Cu 1.505 MT (2 high)	Al & Cu 1.505 MT (2 high)	Al & Cu 1.505 MT (2 high)	Al & Cu 1.505 MT (2 high)	Al & Cu 1.505 MT (2 high)					
	1bA	1bB	1bC	1bD	1bE	1bF	1bG	1bH	1bI	1bJ	1bK	1bL	1bM	1bN	1bO	1bP	1bQ	1bR	1bS	1bT







**Tent 4**  
 Holding 98.4 MT of Cells and Modules

— = 1 m



Tent 5 is configured as Tent 4