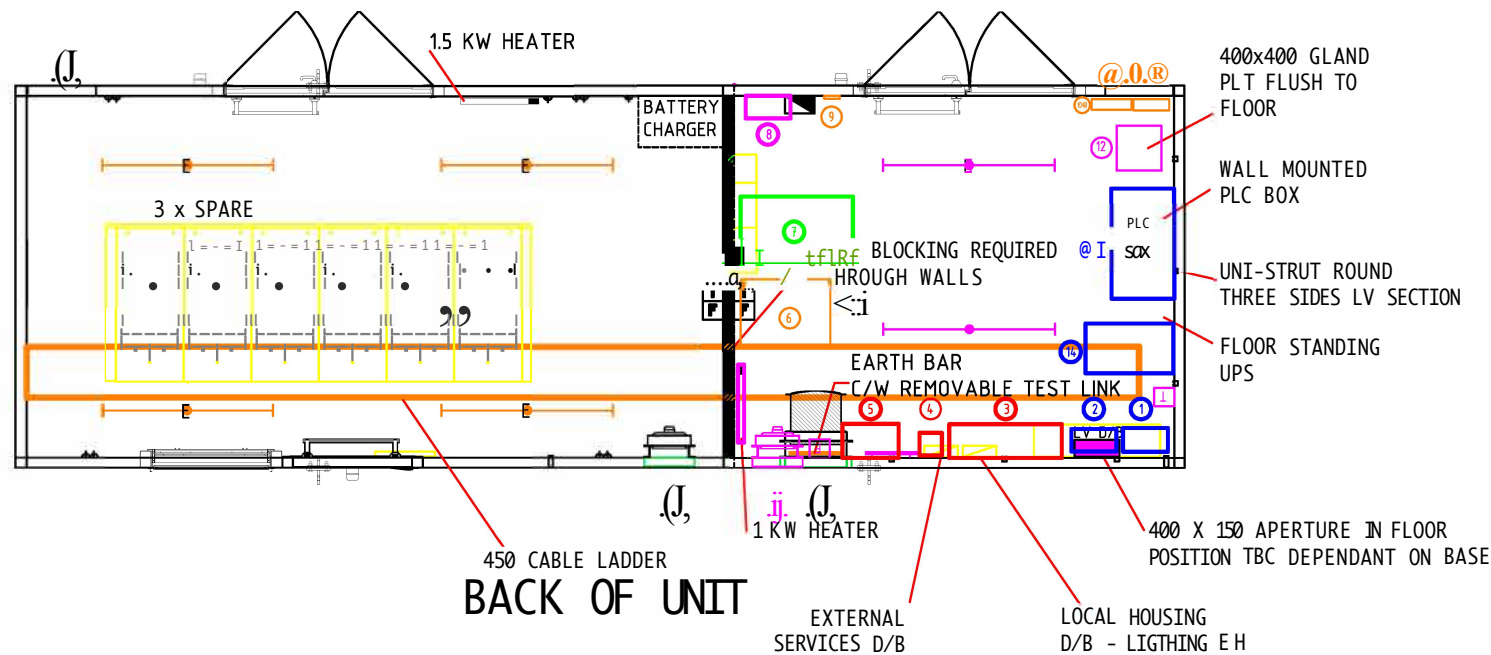


FRONT OF UNIT

LEGEND	
	3 PHASE CIRCUIT BREAKER UNIT WITH MCB AND RCD
	IPX RATED DC HEATER C/11 INTEGRAL THERMOSTAT
	PULL SWITCH
	LIGHT SWITCH
	500W FLUORESCENT T1/IN C/11 3 HR BATTERY BACK UP
	500W FLUORESCENT T1/IN
	2.5 LITRE WATER STORAGE
	3KW INSTANT WATER HEATER
	DOUBLE SOCKET @ 100mm UP F.F.L
	DOUBLE SOCKET @ 300mm UP F.F.L
	EXTERNAL BULKHEAD PIR80BK LIGHT ABOVE DOORS
	EMERGENCY EXIT SIGN ABOVE DOORS
	HEATER C/11 THERMOSTAT
	BULKHEAD UNIT
	VENTILATOR FAN
	EXTRACT FAN
	FUSED SPUR & SWITCH
	THERMOSTAT
	FAN CONTROL PANEL



PLANTROOM SPECIFICATION

1. Floor Construction:

Primary Support:
Structural steel beams are strategically positioned within the floor to provide minimum floor deflection and support for all floor standing equipment (all structural steel sandblasted and primed).

Secondary Support:
Cold Rolled floor joists provide additional floor support.

The void between each floor joist is insulated with 100mm Rockwool RW45 insulation.

The cable entry will have a brass gland plate at floor level and a steel gland plate at the bottom. This will be insulated with a minimum of 100mm Rockwool RW45 insulation.

2. Internal Floor:
Primed 4.5mm Durbar plate floor in switchgear sections.

3. Roof Construction:
Site specific performance criteria has not been clarified, standard wind loading design is based on a wind pressure of 2kN/sqm. Standard roof is designed to withstand a snow loading of 3kN/sqm. This equates to approximately 2m of fresh snow or 0.7m of compacted snow.

4. External Roof Skin:
2mm Zintec sheeting. Painted to external specification.

5. External Wall Skin:
2mm Zintec profiled sheeting. Painted to external specification.

6. Internal Wall Skin:
3mm mild steel sheeting were applicable welded to internal vertical structural supports and internal support sections. Painted to internal paint specification.

7. Ceiling:
2mm mild steel sheeting welded to roof rafters. Painted to internal paint specification.

8. Insulation:
75mm Min Rockwool RW45 insulation fitted within inner wall cavity, floor void and between roof rafters General design giving a U-Value of 0.6 n/m K (min).

10. Doors:

External door hinges will be stainless steel and all external fixings will be vandal resistant.

Two sets of double equipment doors will provide access to the side of the container fitted with three point locking with panic bar and door closer.

External door hinges will be stainless steel and all external fittings will be vandal resistant.

Door will be sealed with intumescent door seals.

Single Door Clear Frame Opening: 1000x2200mm TBC.
Double Door Clear Frame Opening: 1800x2500mm TBC.

External Paint Specification:

2mm Zintec: 2 Pack acrylic paint system colour TBC.

Internal Paint Specification:

3mm Mild steel: White

Floor Paint Specification:

4.5mm Durbar Plate: Black

Unit Weight Including Switchgear - TBC Kgs

BLAST VENT
SIZE TBC

RUNNING MAN E-LIGHT
ON ALL DOORS

E/LIGHT KEYSWITCH
TESTING & LIGHT SWITCH

VIEW ON BACK OF UNIT

THROUGH WALL
EARTH BOSS MOUNT
OPP CORNERS IN
EACH ROOM

DOOR STAYS TO BE ADDED
TO DOUBLE DOORS

DOOR STAYS TO BE ADDED
TO DOUBLE DOORS

VIEW ON FRONT OF UNIT
LV ROOM LHS/HV ROOM RHS

DRAWING No.	DESCRIPTION
36758-00-00	7 PANELS, 4 USED. 3 SPARE
36759-00-00	7 PANELS, 4 USED. 3 SPARE
36760-00-00	7 PANELS, 6 USED. 1 SPARE
36784-00-00	7 PANELS, TBC
36785-00-00	7 PANELS, TBC

insynch