

CTX110 FIRE RATED UPGRADE PACKAGE (JCoP <6m Rule)

- Standard size windows - *Intumescent vent pairs to be installed adjacent to each standard window (113167).*
- Sanitary windows
- External doors
- Site kits

**** Fire windows are fixed (non-openable). An air conditioning is recommended upgrade for comfort.*

Refer to 360 page for quantity schedule.

ELECTRICAL

	DOUBLE SOCKET @500mm FFL DOUBLE SOCKET @1000mm FFL		P.I.R.	Panel Heater	2kW PANEL HEATER		3kW INSTANT WATER HEATER
Placeholder Upgrade Option	SMART SOCKET @500mm FFL SMART SOCKET @1000mm FFL	N N	32A POWER CONNECTION 63A POWER CONNECTION	1kW	1kW/2kW DOWNFLOW HEATER		WALL KETTLE (5L)
	DISTRIBUTION BOARD		ELECTRICAL LINK	3kW	3kW DOWNFLOW HEATER		HAND DRYER
	SWITCHED FUSED SPUR USB FACEPLATE		OFFICE STYLE LIGHT (LED)		TUBULAR HEATER		EXTRACTOR FAN
	SWITCH		BATTEN LIGHT	Mobika	MOBIKA AIR CONDITIONING		IN LINE EXTRACTOR FAN
	PULL SWITCH						
	SMOKE DETECTOR		BULKHEAD LIGHT (LED)	Oil Filled Radiator	OIL RADIATOR		THERMOSTAT
	EMERGENCY LIGHT						

GENERIC

	INTUMESCENT WALL VENT (PAIR)
	PASSIVE WALL VENT (PAIR)
	SHOWER
	WATER INLET / WASTE OUTLET (With Sizes)
	DISABLED WC ALARM (Reset / Pull Switch / Alarm)
	CLEANER'S SINK

FURNITURE

	4 TIER PERSONAL LOCKERS
	2 TIER LOCKERS
	WIRE MESH LOCKERS (4 Doors)
	OPERATOR'S CHAIR
	CLOAKROOM BENCH
	POLY CHAIR

ORIGINAL SHEET SIZE

A3

CONTAINEX (CTX) NOTES:

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2. Do not scale drawing, work to figured dimensions.

3. All dimensions in millimetres unless stated otherwise.

4. All furniture shown is solely for illustrative purposes only. Please refer to contract/quotation for details.

5. Internal floor coverings are standard vinyl unless stated otherwise.

6. Specification and dimensions may vary and can only be confirmed upon unit allocation.

7. Where we supply a non-fire rated building, you confirm that:
(a) The proposed building which we are supplying is by virtue of its intended use at the site exempt from the Building Regulations as provided for by Schedule 2 of the Building Regulations 2010 or Schedule 1 of the Building (Scotland) Regulations 2004 and will not be used for or in connection with any alternative use; and
(b) You have not identified and we have not been made aware of any significant fire risks on the Site. You are responsible for taking the specification of the non-fire rated Building into account within your fire risk assessment and construction phase plan for the Site to ensure that a non-fire rated Building is appropriate for your intended use.

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No.	DESCRIPTION	DATE	BY

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0808 304 9196

CLIENT

Kier

PROJECT

M15

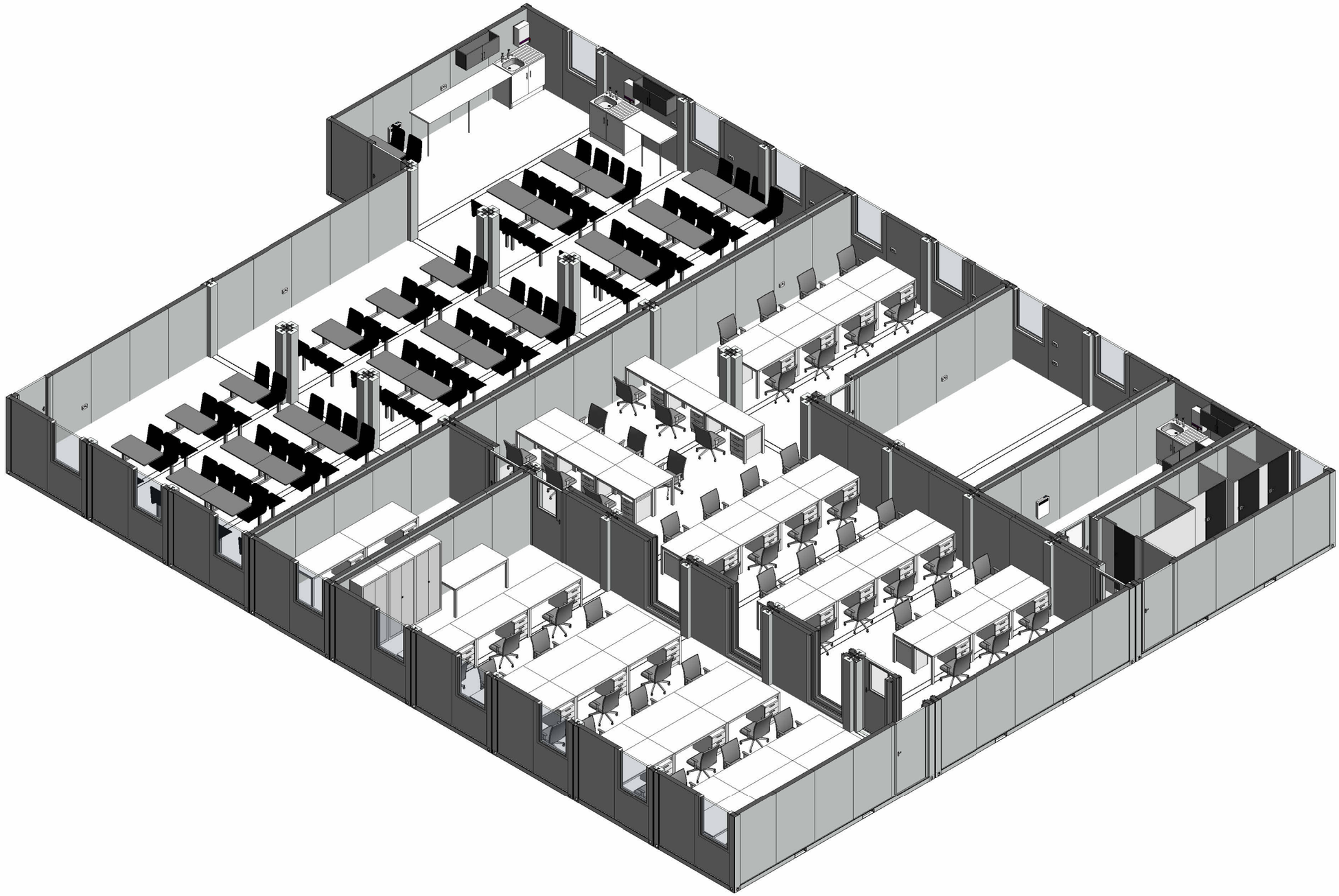
TITLE

Ground Floor Plan

QUOTE NUMBER

SCALE	DATE	DRAWN	CHECKED
As indicated	26.08.26	AWM	

DRAWING NUMBER **G2595C** REVISION **B**



ORIGINAL SHEET SIZE

A3

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PROJECT

M15

TITLE

Ground Floor 3D

QUOTE NUMBER

SCALE	DATE	DRAWN	CHECKED
	26.08.26	AWM	

DRAWING NUMBER REVISION

G2595C **B**

Electrical Loading NEW				
Family	Type	Count	Total Load	**Diversity Factor (75%)**
15L Water Heater CTX	ANDRIS LUX 15 UR 2KW EU	1	14.35 A	**10.76 A**
500W Heater	Standard	4	8.68 A	**6.51 A**
Canteen Sink Unit MASTER	White	3	65.22 A	**48.92 A**
CTX Bulkhead Light (Spartan)	CTX Bulkhead Light (Spartan)	1	0.09 A	**0.07 A**
CTX LED Batten 5'	CTX LED Batten 5'	3	0.54 A	**0.41 A**
CTX Office Light	CTX Office Light	56	10.08 A	**7.56 A**
Double Plug Socket at 500	Alone	40	43.60 A	**32.70 A**
Double Plug Socket at 1000	Alone	2	2.18 A	**1.64 A**
Double Plug Socket at 1000	With low level	21	22.89 A	**17.17 A**
Hand Dryer	Standard	2	10.44 A	**7.83 A**
Smart Sockets	High Level 1000mm	1	1.09 A	**0.82 A**
Smart Sockets	Low Level 500mm	1	1.09 A	**0.82 A**
Wall Kettle	HS005	3	39.12 A	**29.34 A**
Water Heater 10L	Standard	3	26.10 A	**19.58 A**
141			245.47 A	184.10 A

Connection Totals	
32A Connection	14

Grand total: 14

Clarifications

This table shows the quantity of connections required for the CTX building shown.

Connections will be generator plugs on the shortside ends of the units.

Some units will be linked (daisy chained) to other units to reduce the number of connections required.

On the layout, the red lightning bolts represent a 32A connection, a black connection symbol denotes a 63A connection.

Assumptions & Clarifications

CANTEENS
Canteen modules assume a **3kW** allowance for appliances.

Typical reference values:
- Toaster @ 800Watts
- Dishwasher @ 1800Watts
- Kettle @ 2200Watts
- Fridge @ 150Watts
- Microwave @ 800Watts

DOUBLE SOCKETS
Double sockets assume a 250W allowance each.

TUMBLE DRYERS
Changing rooms do not include a tumble dryer allowance (unless specifically stated)
We recommend to add 8.15 Amps (2500Watts) per tumble dryer.

SHOWERS
The estimated usage of showers will make a significant difference to the Total Connected Load.

AIR CONDITIONING
Air conditoning demands around a third or even a quarter of the energy compared to a typical conventor heater. The drawings by default will show the loading for conventor heators unless the table shows otherwise.

IMPORTANT NOTE:

The electrical loading indicated in the above table shows the **Total Connected Load without diversification**. This should be considered the minimum required load to operate the setup illustrated and further discretion should be applied when considering what will be connected to the electrical system on site.

We recommend further site diversity is applied (depending on the estimated usage of the building). This would typically be around **75%** of the Total Connected Load.

If power supply requirements are restrictive, or there are specific site requirements please contact your Algeco sales representitive.

Algeco can also provide a range of smart technology and HVAC/Air Conditioning systems through our 360 services to support the drive towards sustainability, please enquire for further details.

ORIGINAL SHEET SIZE

A3

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M15

TITLE
Electrical

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SCALE	DATE	DRAWN	CHECKED
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DRAWING NUMBER **G2595C** REVISION **B**

MOBIKA CALCULATOR (HOW TO USE):
1. Ignore rooms(lines) under 10m2 and those which don't require air conditioning.
2. Add the total relevant lines under 'Economy Provision'

Mobika Unit Recommendations			
Name	Area	Max. Comfort Setting	Economy Provision
Ground Floor Level			
Meeting Room (Conference table supplied by Kier)	348 m²	14	11

Furniture Schedule			
Family	Type	Count	BC Part Number
Drawer Pedestal	Drawer Pedestal	62	109223
Fast Food Tables	Standard	38	101080
Office Swivel Chair	Office Swivel Chair	62	109225
Swing Door Cabinet	Tall	3	109224
Table	1600x800	24	109221
Table (Small)	1200x600	39	109222

**A fire rated building should have ALL windows upgraded nominally - Use this schedule as an error check to ensure all windows have been accounted for.

Window Schedule (for Fire Rated Upgrades)	
Family	Count
CTX110 FR Window	17
Internal window	8
Grand total: 25	25

Door Schedule (for Fire Rated Upgrades)	
Family	Count

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Kier

PROJECT
M15

TITLE
360 Items

QUOTE NUMBER

SCALE	DATE	DRAWN	CHECKED
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DRAWING NUMBER REVISION

G2595C **B**