

CONSTRUCTION SITES OF THE FUTURE

# City Camp



# Advantages of City Camp

The City Camp concept is designed for construction sites with 100-5,000 workers, everything included. A concept tailored to the realisation of major strategies culminating for example in large-scale joint construction projects such as super hospitals, motorway projects or tunnel/bridge projects. Construction projects which have a minimum of 100-1,000 workers needing accommodation will usually comprise approx. 75% hourly-paid workers and 25% salaried employees.



During construction of a large-scale project, for example the Femern Belt Fixed Link, it is important that good facilities are established for the workforce, both during and outside working hours. Conditions on and around the building site must motivate workers to do their job to the best of their abilities. Good social conditions such as accommodation and catering are vital for workers living in and around a camp. Outstanding leisure facilities of all kinds, for example fitness centre, sporting facilities, library etc. are also important for socialising events when workers periodically have to spend all their time in and around a large construction site. Primary activities can be categorised as follows:

- Service
- Accommodation/Camping City
- Leisure
- Other areas

Service/administration building for development, planning, daily administration, management as well as site management. High-quality premises like our KM15 system, but our MultiModule units can also be used. Both types are of the same standard as our other permanent office premises with offices, meeting and conference room, auditorium, toilets, cloakroom, kitchen and possibly a canteen. An estimated gross area of approx. 10-12m<sup>2</sup> per worker. The interiors are stylish and presentable and suitable for receiving customers, politicians and business partners. The building is usually sited to ensure easy access and in a prominent position.

The site management building (also called the command centre) is strategically placed to provide a good overview of and close proximity to the actual construction site. The building may be of the same standard as the service/administration building, but high standard MultiModules or the slightly lower standard BP or Maxi modules are the most commonly used modules for this purpose. Estimated gross area per employee: 10-15m<sup>2</sup>. The administration and site management departments may share the same building (A+D).

The accommodation is often set some way back as such a location is perfectly suitable for accommodation purposes and not much else. The camp is laid out with footpaths so that workers can take short cuts to the construction area, thus encouraging workers and employees living on site to leave their car behind and walk instead. The camp should comprise different-sized units to suit specific requirements. We have decided to describe several different sizes, from 14 to 88m<sup>2</sup> (see overleaf).



The shopping camp is intended as a double unit with a leisure section occupying two or three of the building's façades and a site management/business section on the other sides. The business section is expected to comprise four to five large units measuring 100-300 m<sup>2</sup> which can house fittings and tool storage, a centre for machine hire, an electrical and plumbing wholesaler as well as other related businesses.

The building's remaining area of approx. 2,500 m<sup>2</sup> is rented out for restaurant, sport and retail purposes such as cinemas, pubs, restaurants as well as various sports activities such as darts, billiards and possibly bowling. An area could also be rented out for a car repair shop, while organisations such as the Danish Working Environment Authority (AT), the job centre (AF) and trade unions will also be able to rent units. The shopping camp must be financed through rental income.

## Camp plan

### Accommodation

- ACCOMMODATION CAMP
- BOX CAMP
- CAMPING CITY

### Other areas

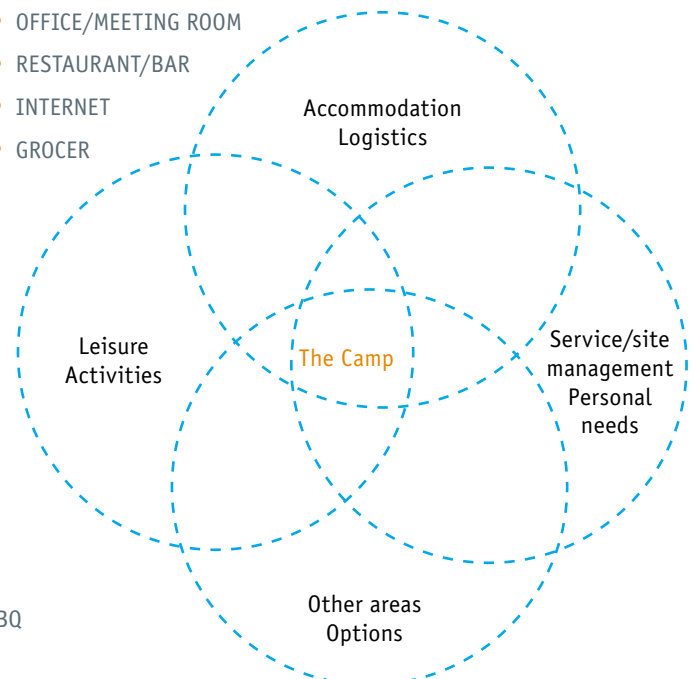
- LAUNDERETTE
- ACTIVITY ROOM
- COMMUNAL TOILET FACILITIES
- CARETAKER

### Leisure

- SPORTS HALL
- BALL PITCHES
- FITNESS CENTRE
- COMMUNAL PATIO WITH BBQ

### Service/site management

- ADMINISTRATION/SITE MANAGEMENT
- OFFICE/MEETING ROOM
- RESTAURANT/BAR
- INTERNET
- GROCER



# Camp plan

## SITE PLAN



## DIFFERENT TYPES OF CAMP ACCOMMODATION UNITS

### ① ACCOMMODATION CAMP

A three-storey complex with external stairs for accessing most of the units. The units come in five different sizes as follows:

- 14m<sup>2</sup> room with shared bathroom for four rooms and interior access
- 18m<sup>2</sup> unit with own toilet and shower and interior access
- 22m<sup>2</sup> unit with own toilet and shower and interior access
- 44m<sup>2</sup> two-room unit with own bathroom and kitchenette
- 88m<sup>2</sup> three-room unit with own bathroom and standard kitchen

The building is constructed as an ABC MultiModule with wall-mounted sanitary units for easy cleaning and insulated in accordance with Danish building regulations BR10 7.3.1(2) for temporary erection.

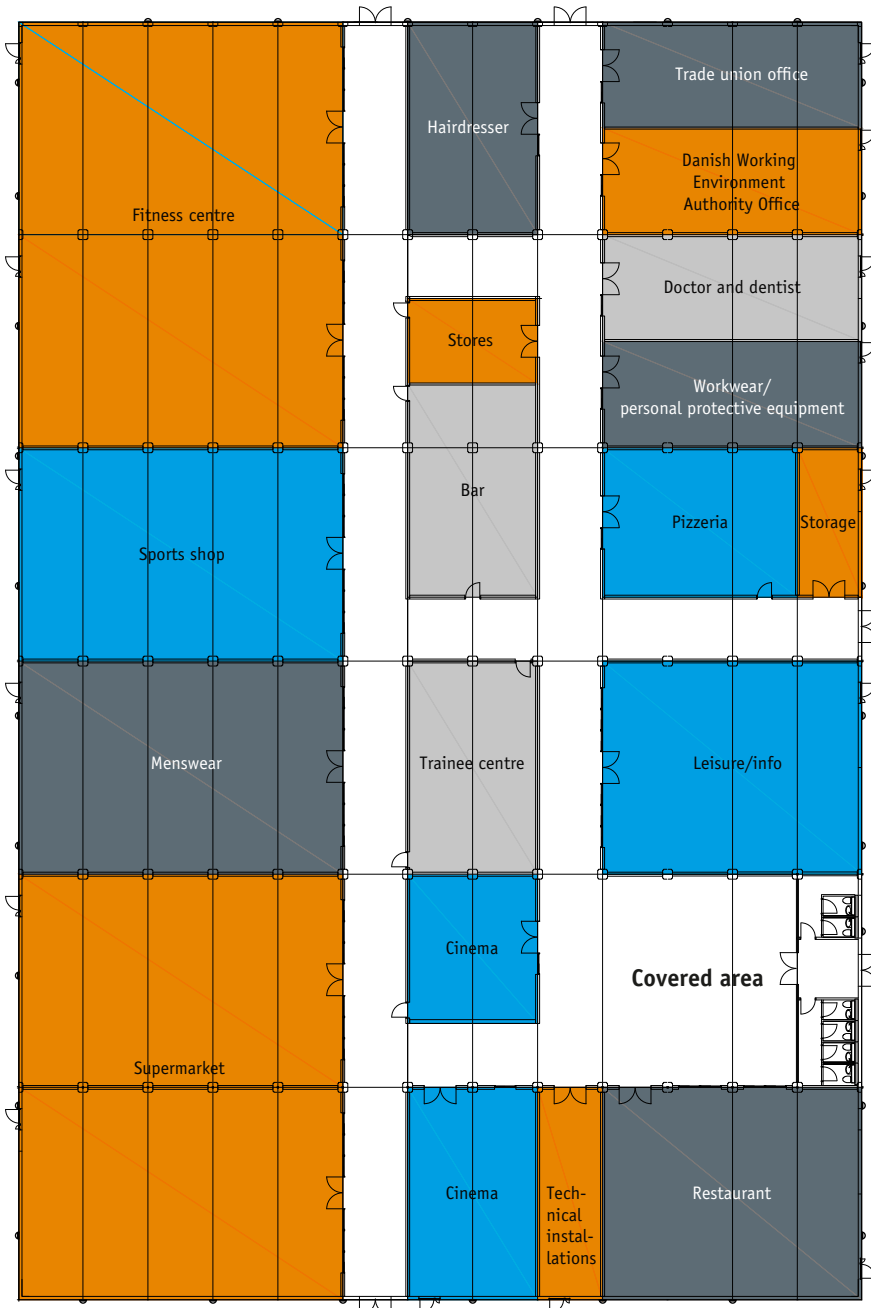
### ② BOX CAMP

Another multi-storey building constructed according to the Danish Working Environment Authority's order no. 755 and order no. 1017 on the organisation of construction sites. The building comprises two types of accommodation units laid out as follows:

- 16m<sup>2</sup> one-room unit with kitchenette and toilet with shower; external access
- 32m<sup>2</sup> two-room unit with kitchenette and toilet with shower; external access

# Camp accommodation units

CITY CAMP, CINEMA, CAFÉ AND SHOPS



## ③ CITY CAMP

The City Camp is a large building with extra high ceilings which offers a range of possibilities in connection with business and other official purposes. An open area has also been planned which can be used as an information centre, to a large extent also by the camp's users. The building is designed to be used for commercial purposes such as shops, cafés, bank, cinemas, meeting rooms as well as restaurants. For many people, the City Camp will be a focal point, with shops along a covered pedestrian area. All premises are rented out to local businesses and financed through rental income.



ACCOMMODATION CAMP



# Environment

## ④ SPORTS CAMP

Building 4 is also a 2,200m<sup>2</sup> building with extra high ceilings. The building is designed to accommodate a fitness centre, a sports hall for badminton, volleyball etc., squash courts, small workshops, laundrette, masseur, physiotherapist and offices for the occupational health and safety authorities, job centre and trade unions as well as premises for rental offices etc.



## ⑤ OUTDOOR AREA

The area between the buildings is illuminated and has rainwater drainage, is laid with gravel and finished with crushed asphalt. The area is designed as a vehicle-free zone, with the exception of goods delivery trucks and vans during specific hours.

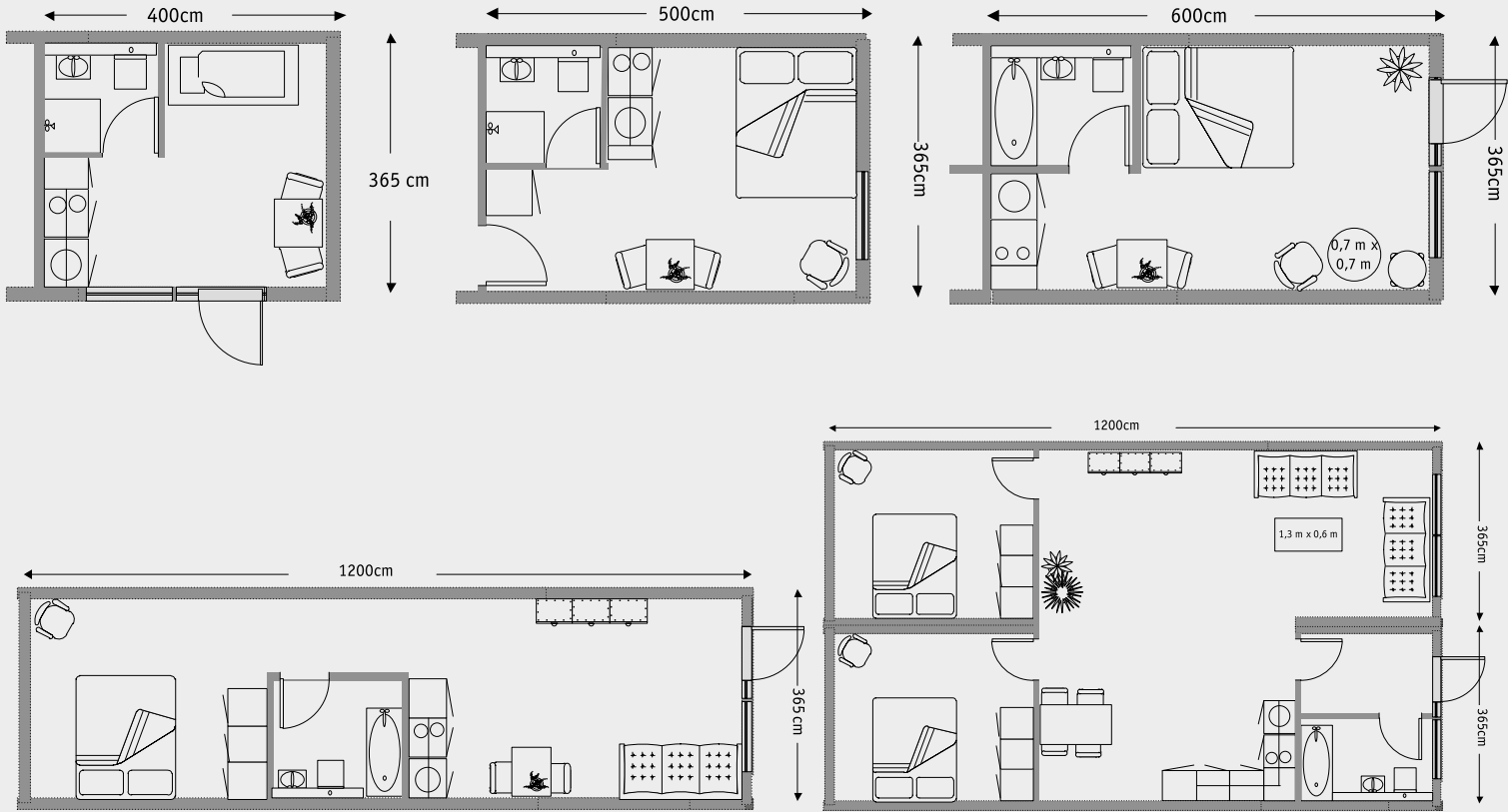


## ⑥ CAMPING CITY

The adjoining area is designed for up to approx. 500 caravans with electricity, water and sewage connections as well as communal toilet/shower facilities, communal kitchen and lounge/TV room.

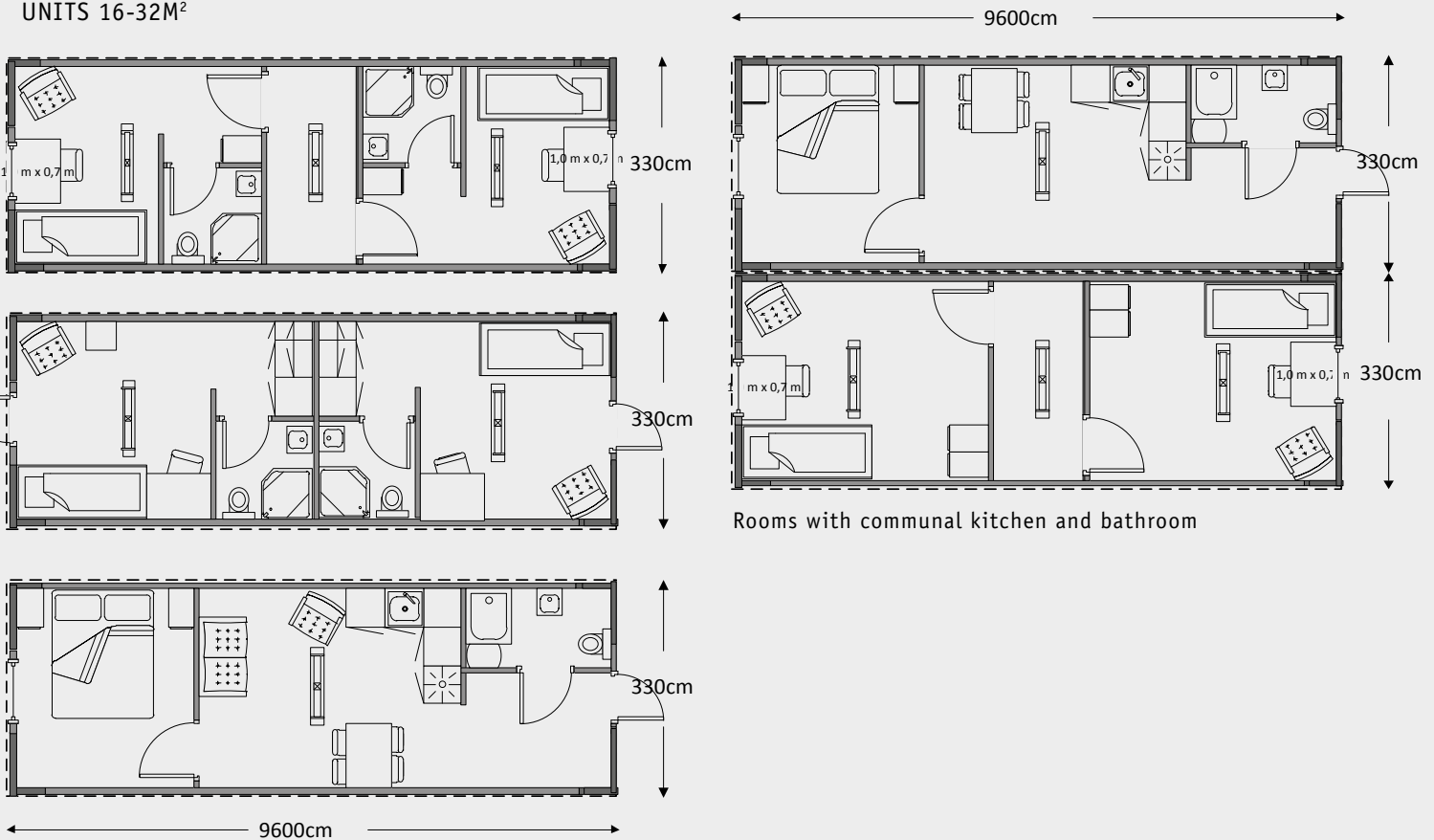
# ACCOMMODATION CAMP

UNITS 14+18+22+44+88M<sup>2</sup>



# BOX CAMP

UNITS 16-32M<sup>2</sup>



## Company policy

The company must always take a proactive and forward-looking approach to strengthen relations between the company's suppliers, partners and customers, thereby creating shared value for everyone involved. This is a process in which morals, ethics and common sense are always seen to enhance motivation.

ABC Pavillonner A/S are authorised electricians and plumbers as well as authorised sewage contractors with accredited quality approvals.



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