faces

FACES SHELTER INSTALLATION GUIDELINES

DESIGN & INSTALLATION GUIDE FOR IMPROVED QUALITY OF PUBLIC SPACES, ACCESS FOR ALL AND SUSTAINABLE MOBILITY.

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FACES
THE OUTDOOR MEDIA COMPANY

COMPANY INTRODUCTION

INSTALLATION GUIDELINES

These guidelines reflect Faces' commitment to quality and consistency aiming for an enhanced experience to an increasing number of citizens and travellers who choose sustainable mobility.

It includes suggested ways of incorporating a shelter within an existing or planned public pedestrian space, minimise inconvenience, improve safety and accessibility.

This document is intended for use by all types of professionals involved in the planning, design and provision of bus stops and shelter infrastructure so that good practice can be applied consistently across the Island.

These recommendations are not regulations, have not been approved by Transport Malta and do not replace any existing or future standards issued by Malta Planning and Transport. Authorities.

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01 TYPES OF SHELTERS

Faces has one type of shelter design which may be extended to the space and capacity requirements thanks to its modular design.

The choice of materials were dicated by a number of environmental, safety, consistency, durability and upkeep considerations evaluated at design stage.

OUR CHOICE OF MATERIALS

STAINLESS STEEL

From the start, sustainability was always at the core of Faces mission. With Malta's increased need to reduce carbon footprints, every business has the obligation to ensure their products are environmentally friendly.

Stainless steel is a green product. It is 100% recyclable, as it is not coated with any toxic material it does not produce toxic run-off.

During production, stainless steel uses scrap metal as its primary raw material , with up to 70% of the product coming from recycled material. Increased efficiency in process technology has also decreased the amount of energy required to manufacture stainless steel.

Even if stainless steel is not recycled and it does find its way to a landfill or disposal site, it will have no detrimental effect to the soil or groundwater.

Stainless Steel is the preferred material for green building throughout the world. Its impact on the environment is minimal when compared to other materials and its life impact reduces significantly as it used and recycled.

Having highly corrosive environment, stainless steel is one of the best durable and suited materials for outdoor use in Malta.

GLASS

Perhaps one of the most controversial choices is glass in a hot Mediterranean climates.

The majority of our shelters are installed within village cores and residential areas making safety one of the main consideration of any public structure installed within a couple of meters from residential houses.

An illuminated transparent structure completely exposes people within, gives peace of mind to residents and reduces vandalism. It ensures traffic and pedestrian's safety by ensuring optimal visibility.

The design provides for excellent air ventilation and solar control glass is used for the roof panes blocking 99% of UV rays reflecting a substantial degree of the sun's heat.

Faces will be implementing renewable energy on its roof glass thus improving the shade coefficient up to 70%.

Glass is also 100% recyclable. It is easily cleaned and replaced when damaged. The roof top is tempered and laminated whilst the upright glass is tempered according to the highest level of safety regulations for public buildings and structures.

GRP

The 'Yellow' bench inspired by the our old yellow public buses are manufactured from GRP.

The material is strong and durable, fire retardant, UV resistant, easy to repair and aesthetically pleasing.

The bench is also recyclable at the end of service life.

SHELTER DIMENSIONS & MODULE TYPE

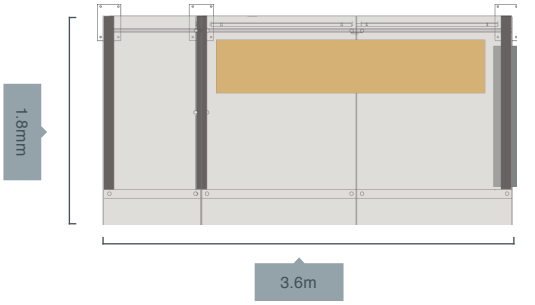
The product is made up by three standard modules. The building configuration of these modules determine the length of the structure. The width is always standard.

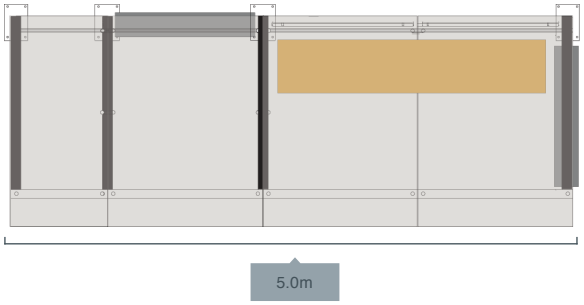
BAY 1
INFORMATION PANEL / DISABLED SPACE

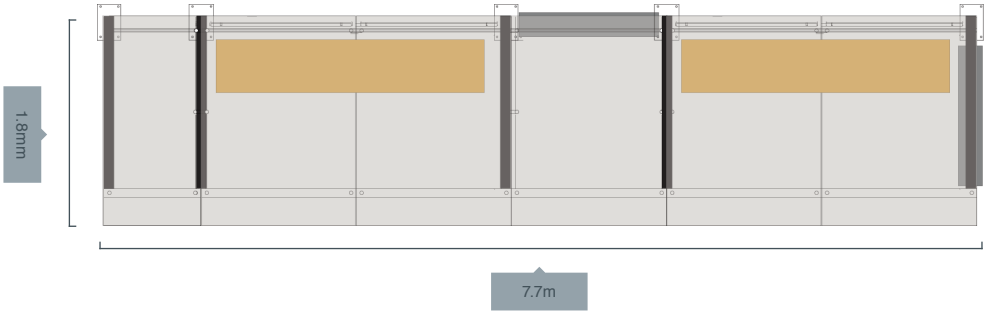
BAY 3
REAR ADVERTISING PANEL / EXTENDED MODULE

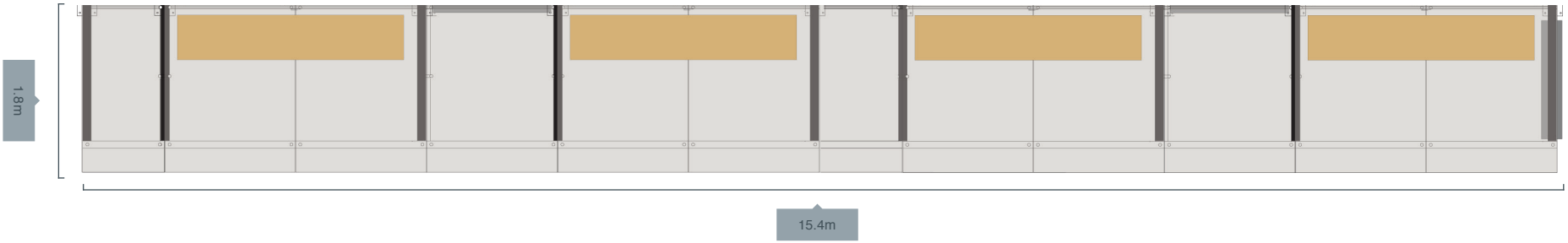
BAY 2
RIGHT ADVERTISING PANEL / BENCH MODULE

MODULAR ELEMENTS









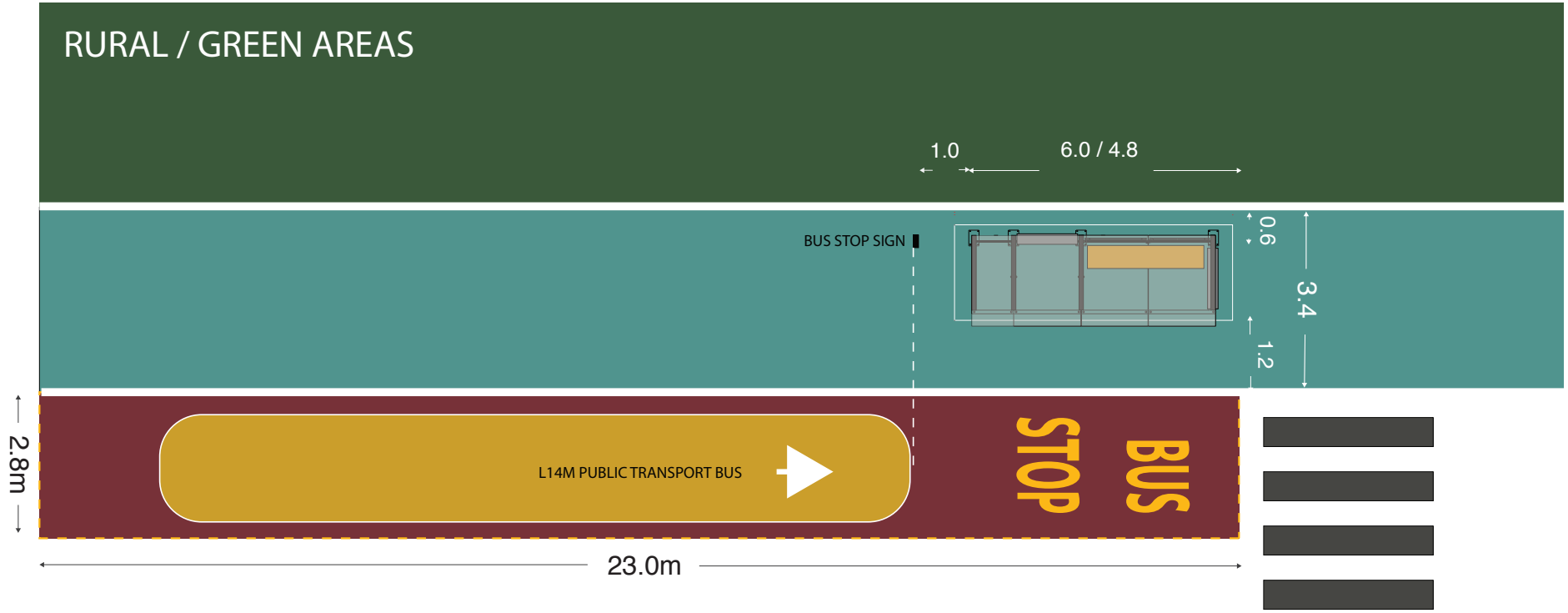
02 SPACE PLANNING

Bus lanes, lay-bys, parking bays and the location surroundings are important considerations when planning a new shelter installation. The LC must ensure that public foot ways remains accessible and uninterrupted.

INSTALLATION TYPE 1

INSTALLATION ON PUBLIC FOOT WAY

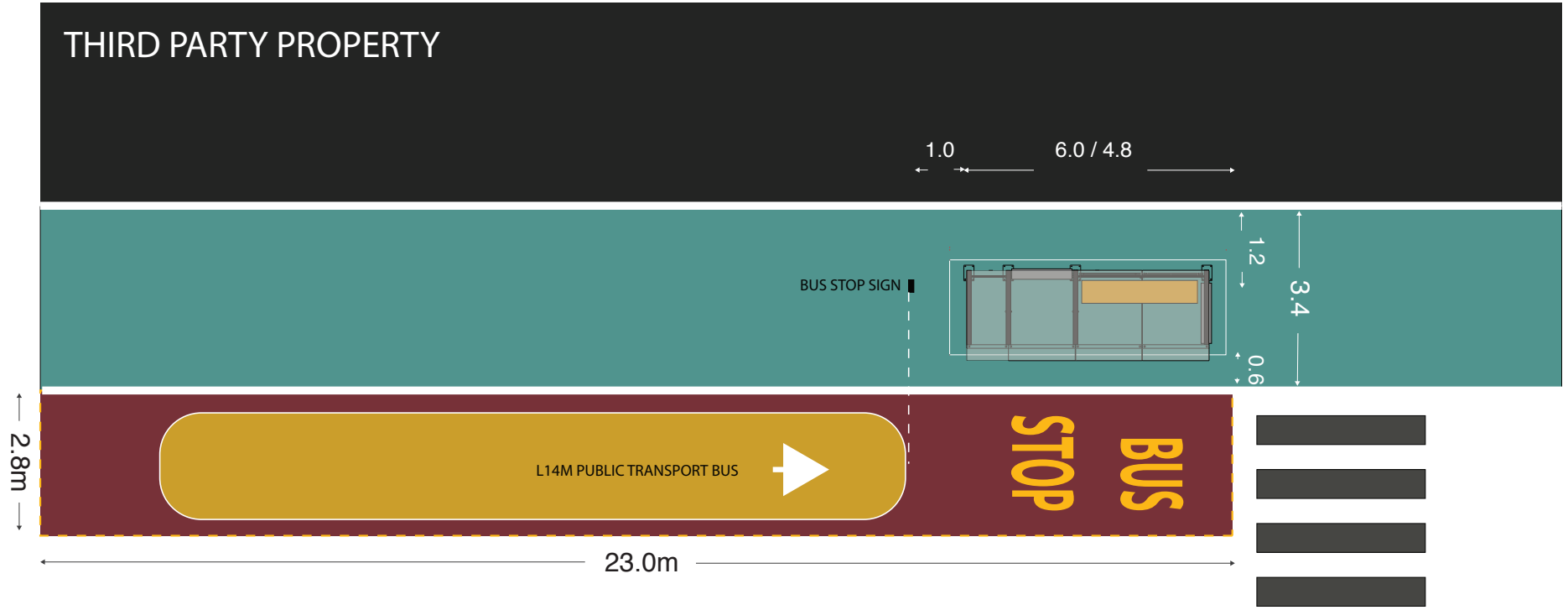
PAVEMENT OF 3.6M OR WIDER. SHELTER PUSHED BACKWARDS TOWARDS THE LANDSCAPED OR RURAL AREAS TO MAXIMISE THE WIDTH OF FOOT WAY, WHILST ALLOWING ENOUGH SPACE FOR LOADING / UNLOADING OF PASSENGERS.



INSTALLATION TYPE 2

INSTALLATION ON PUBLIC FOOT WAY
(IN FRONT OF THIRD PARTY PROPERTY)

FOOT WAY OF 3.4M OR WIDER. SHELTER IS BROUGHT FORWARD TOWARDS THE CARRIAGE WAY TO LEAVE FOOT WAY OF AT LEAST 1.2M BETWEEN THIRD PARTY

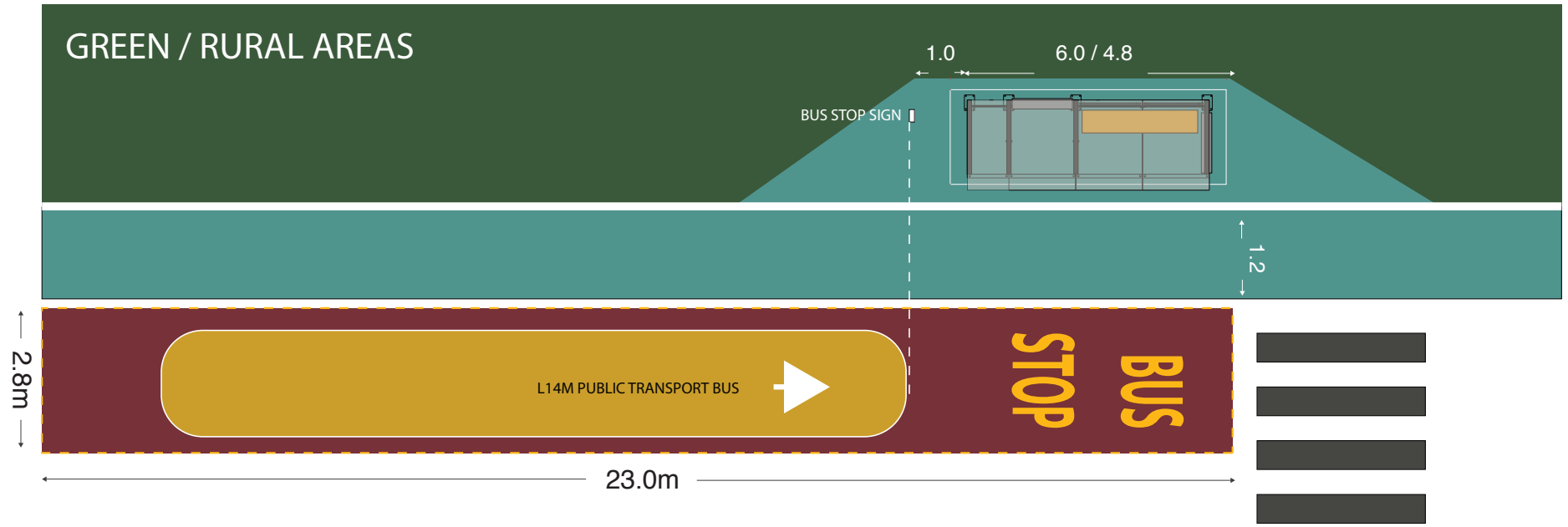


INSTALLATION TYPE 3

ENCROACHING ON REAR LANDSCAPED AREAS OR RURAL LAND.

OF AT LEAST 1.2M

FOOT WAY IS LESS THAN 3.4M IN WIDTH. EXTEND PAVEMENT BACKWARDS LEAVING A CLEAR FOOT PATH

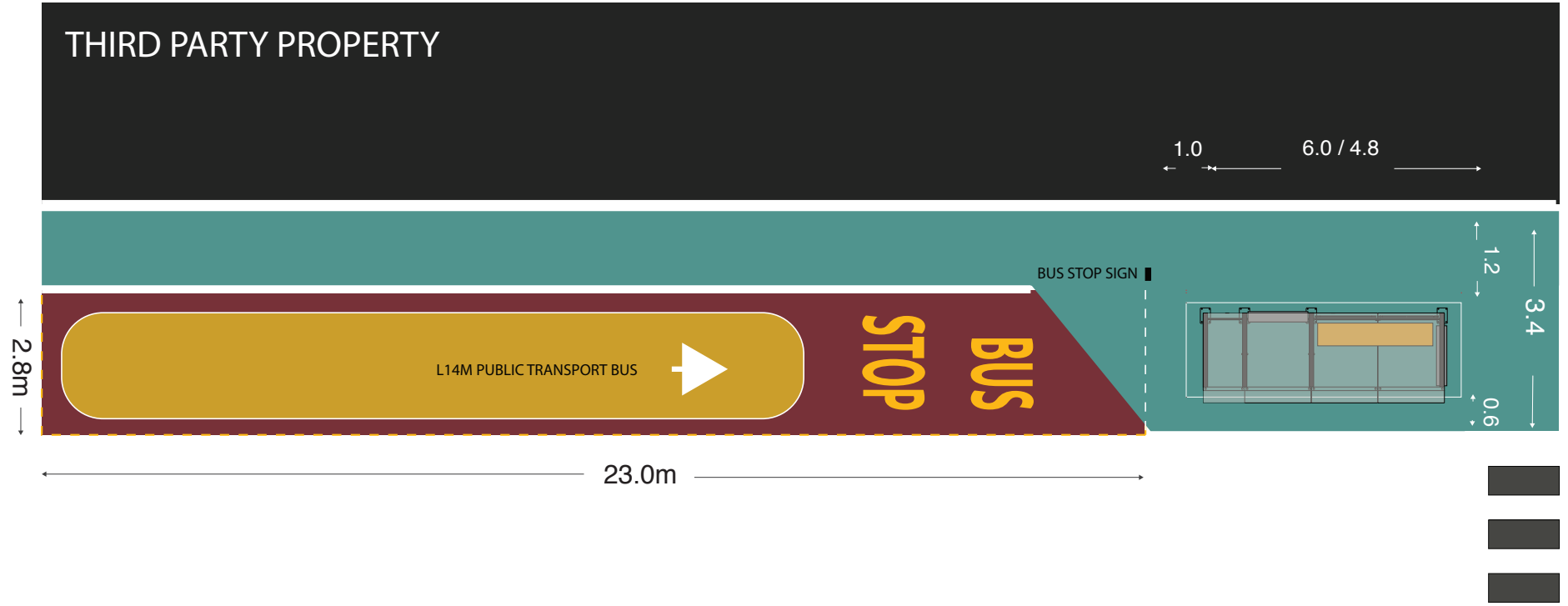


INSTALLATION TYPE 4

ENCROACHING ON A BUS LAY-BY WHEN LENGHT SPACE PERMITS.

BY IS PRESENT

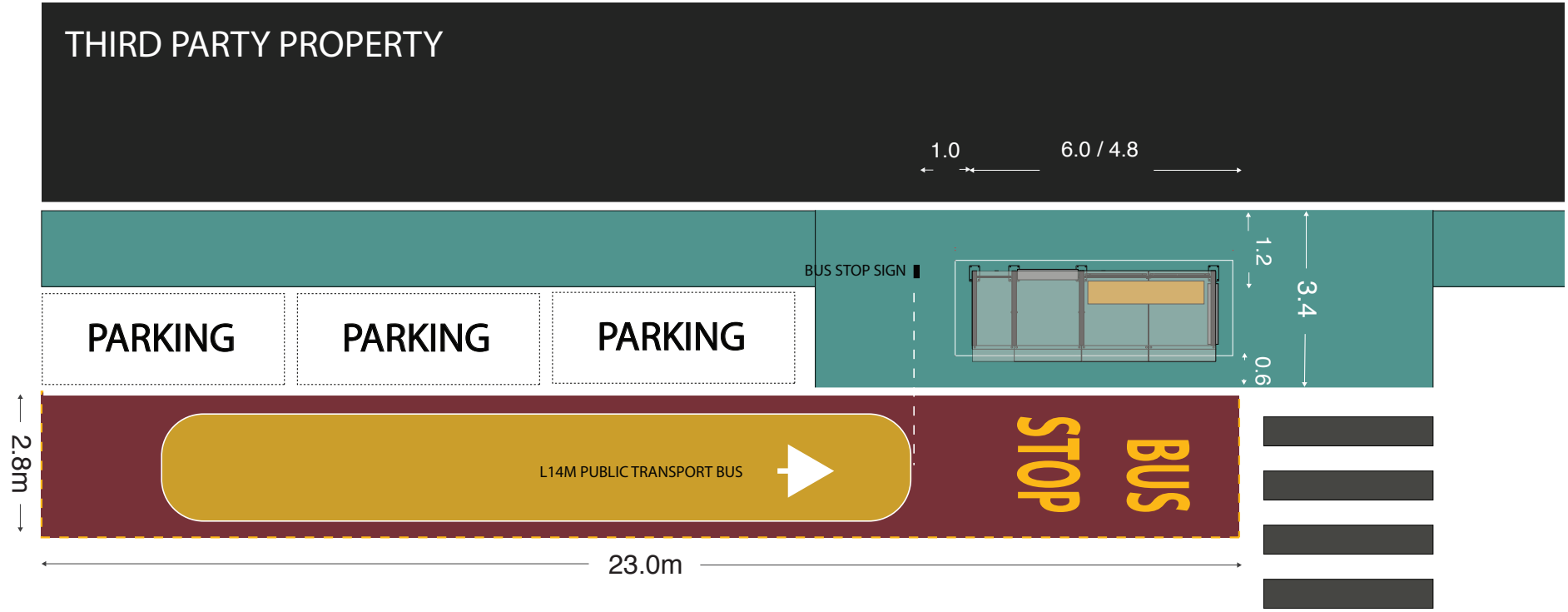
FOOT WAY IS LESS THAN 3.4M IN WIDTH. EXTEND PAVEMENT ON EXISTING CARRIAGE WAY WHEN BUS LAY



INSTALLATION SOLUTIONS

EXTENDING ONTO PARKING BAYS

fOOT WAY LESS THAN 3.4M IN WIDTH. EXTEND SHELTER
IN LINE WITH PARKING BAYS



03 INSTALLATION PREPARATION

FOUNDATION PLINTH

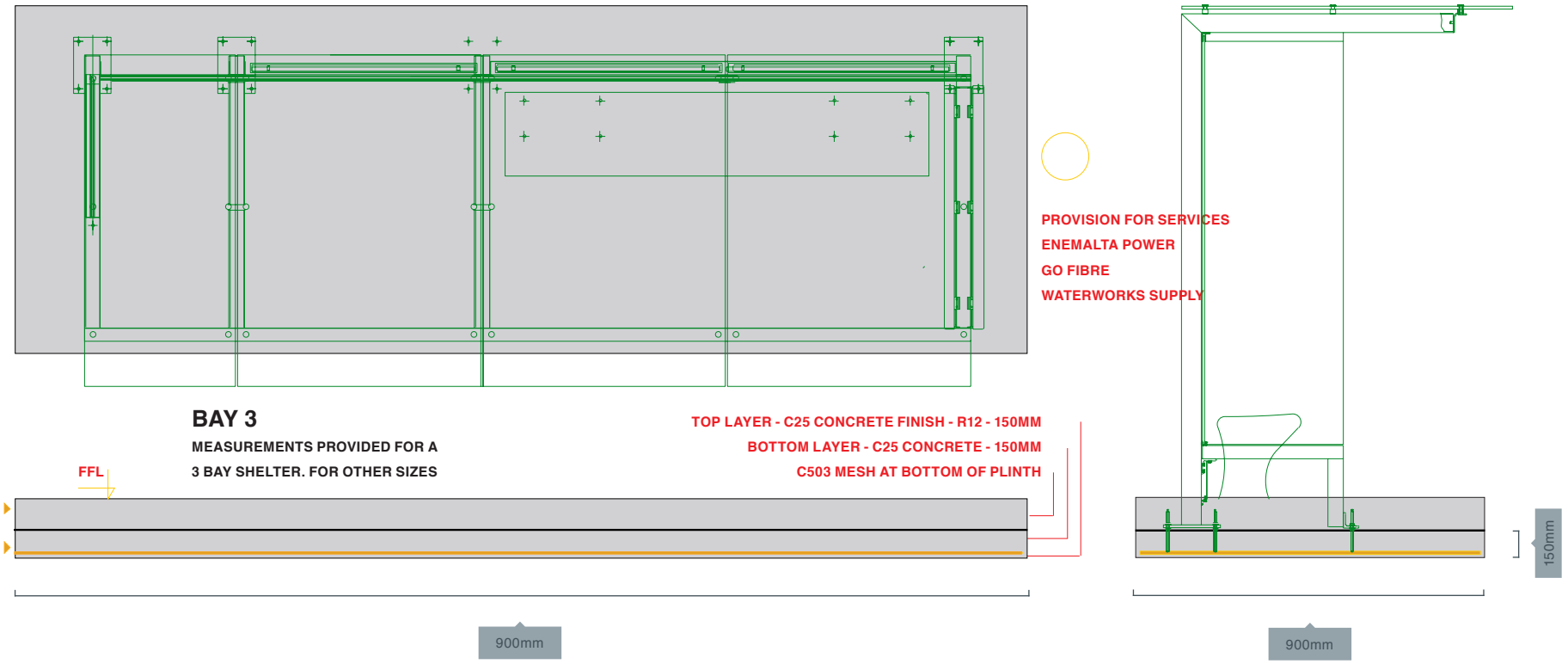
FOUNDATION PREPARATION

TABLE 1 - SIZE OF PLINTHS

2 BAY - 4200MM X 1830MM
3 BAY - 5600MM X 1830MM
CONTACT FACES FOR OTHER CONFIGURATIONS.

FOUNDATION DRAWINGS

phase 1. LC will lay 150mm of C25 with C503 mesh laid at the bottom. The finish needs to be 100% level and smooth
phase 2. Faces will install the structural canti levered upright steel sections
phase 3. LC will pour C25 top layer of 150mm with an R12 finish. In case of a desired finish please consult with Faces



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