



Client

ARLUX SA

Project

TRUST FORD - BARNSELEY

Drawing Register

Drawing Ref	Description	Type	Revision												
			Release Date	16-07-14											
804166 01	Proposed signage	GA	0												

Revision

Drawing Ref	No	Date	Detail
804166 01	0	16-07-14	Initial proposal.

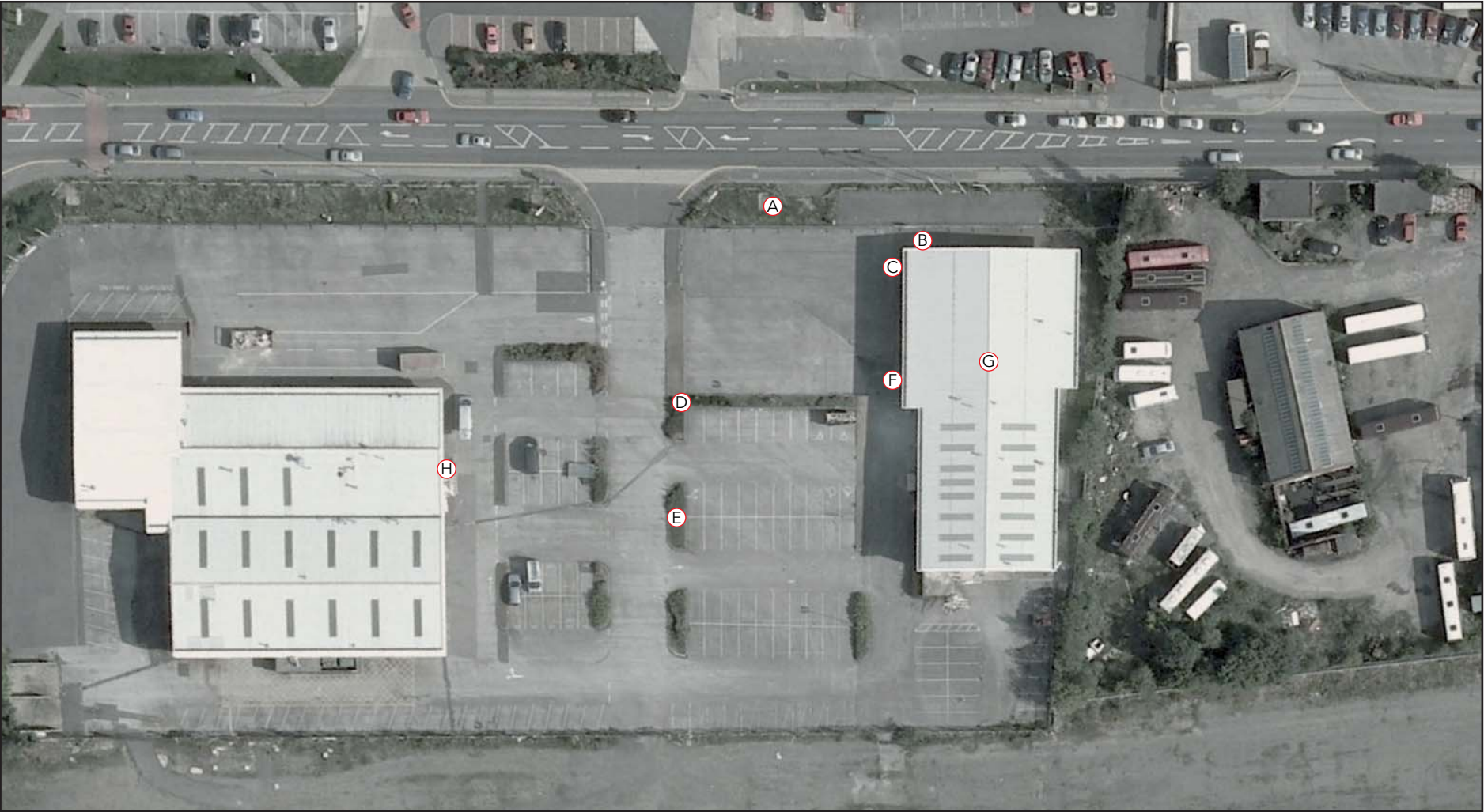
ASG DESIGN

www.asg.co.uk

Steve Kemp - Commercial Manager
skemp@asg.co.uk
01268 706880

Alex Cowley - Design Assistant
acowley@asg.co.uk
01268 706893

Plan View



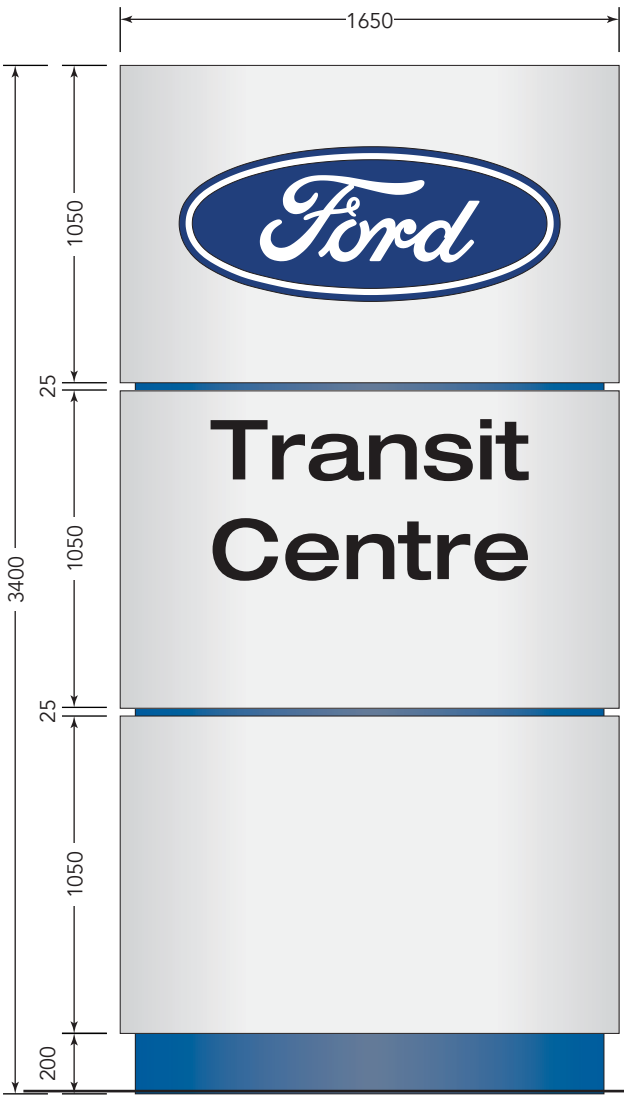
Specification

- A 3.4 metre 'Transit Centre' pylon.
- B 900mm 'Transit Centre' name clip.
- C Replacement 'Transit Centre' panel.
- D Replacement vinyls on dealer & service sign.
- E Tertiary sign.
- F Freestanding entrance feature.
- G Transit Centre text.
- H Arched entrance feature.

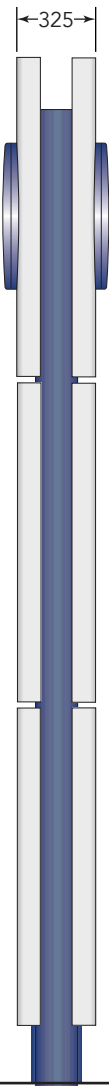
Project manager Steve Kemp		SRF 54658	Dealer Code 64290 AA	Item description Plan view - GA	
Designer Alex Cowley		Project Trust Ford Wakefield Road, Barnsley South Yorkshire. S71 1NF		Scale - A3 NTS	Rev 00
Date 16-07-14				Dwg no. 804166 01	Sheet 01



Front Elevation
scale 1:25



Side Elevation
scale 1:25



Sign A - Specification:

Install 1 off new 3.4m double sided pylon and new base.
O/A size of sign 1650mm x 3400mm.
O/A weight of sign 425kg.

Construction:

The pylon is constructed from SMC material panels sprayed silver grey (RAL 9006) fixed over a 200mm x 150mm x 5mm steel box section framework with 50mm x 50mm x 3mm steel box section crossbraces. The plinth at the bottom of the panels is formed from 2mm aluminium panels folded around the framework and sprayed Ford blue (RAL 270 30 35). Shadow gaps are formed from 20mm x 20mm x 2mm aluminium box section sprayed Ford blue (270 30 35) and fixed to the bottom return of the panel above. Top panels are aperture cut to accept a 3mm blue acrylic size 3 oval button logo with text in white acrylic with a chrome outline. Text is applied directly to the face panels using 3M matt black self adhesive vinyl.

Illumination:

Button ovals are internally illuminated with banks of fluorescent tubing and is designed to produce a halo illumination effect. Illumination is also provided by blue light channels running down each side of the of the sign. Face panels are externally illuminated using 2 off blue floodlights positioned on the ground at a distance of 1500mm on each side of the pylon sign. Total electrical loading: 8 amps.

Foundation/Base:

Where new bases are to be installed by ASG, it is the clients responsibility to ensure that there are no services (gas, water, electricity, BT etc) in the area of the new base that will hinder or prevent the installation as this information cannot be ascertained by ASG during the survey. ASG will not be responsible for any costs of aborted installations, damage to services or re-submitting of planning applications should services be found at time of carrying out the Installation. Clients should check for services before agreeing sign locations.

If the existing pylon concrete base is to be reused, it is the client's responsibility to ensure it meets the criteria required structurally. ASG will not be responsible for any failures of the base or the fixing studs to the new pylon sign, and will request that the client sign a waiver form detailing as such. ASG will not provide warranty for installation should the existing base be reused, only the products itself will carry out standard warranty as per our standard terms & conditions. Should the existing base be reused an adaptor plate may be required to suit the existing fixing stud arrangement. These details will need to be confirmed by a site survey.

Note:
ASG to remove existing 5m Pole sign.

Existing



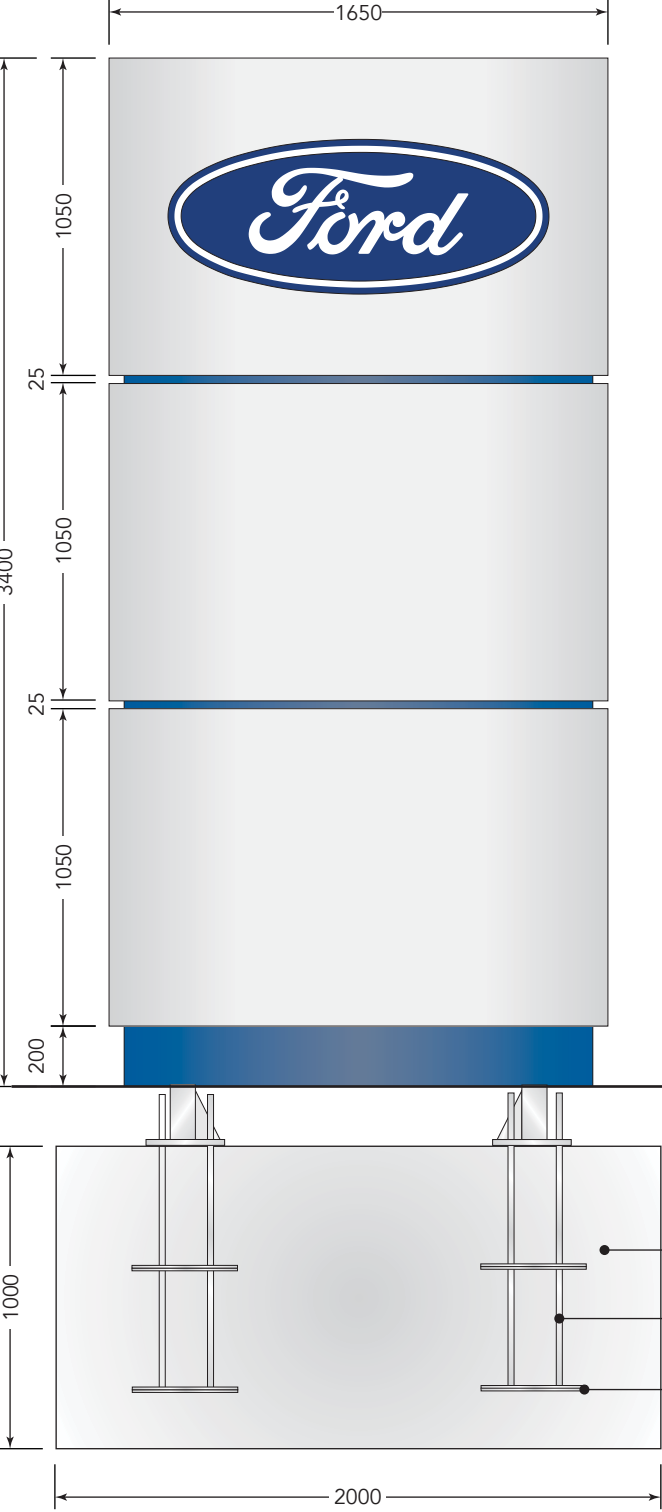
Proposed



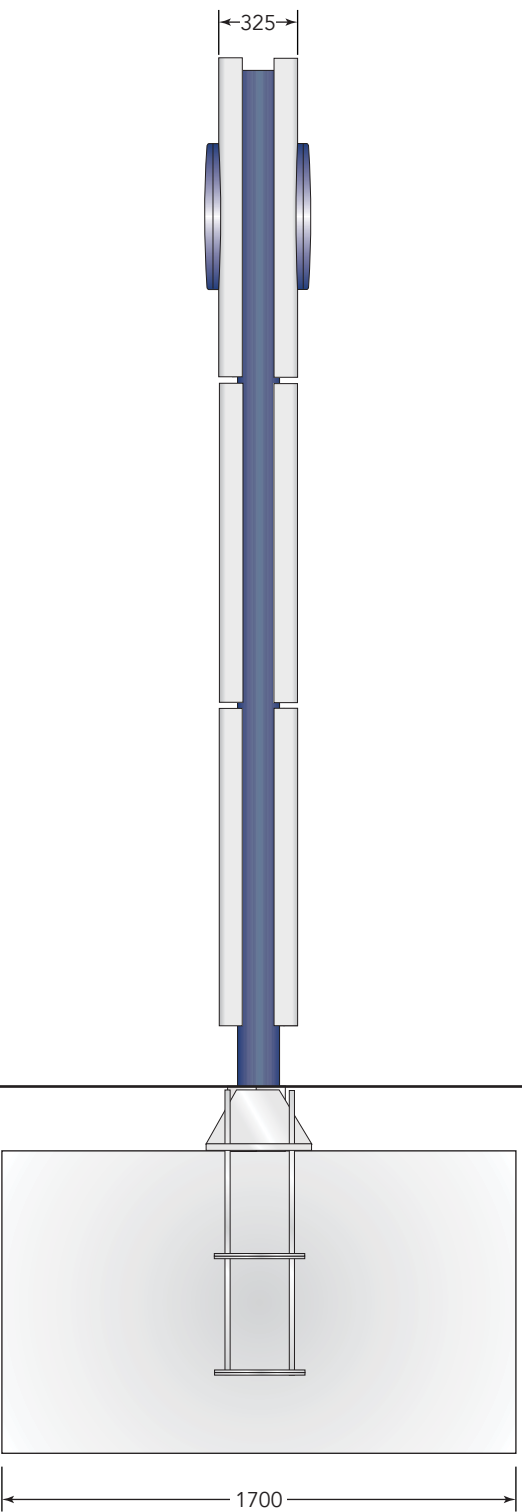
Project manager Steve Kemp		SRF 54658	Dealer Code 64290 AA	Item description 3.4m 'Transit Centre' Pylon - GA
Designer Alex Cowley	Project Trust Ford	Wakefield Road, Barnsley South Yorkshire. S71 1NF	Scale - A3 1:25	Rev 00
Date 16-07-14			Dwg no. 804166 01	Sheet 02



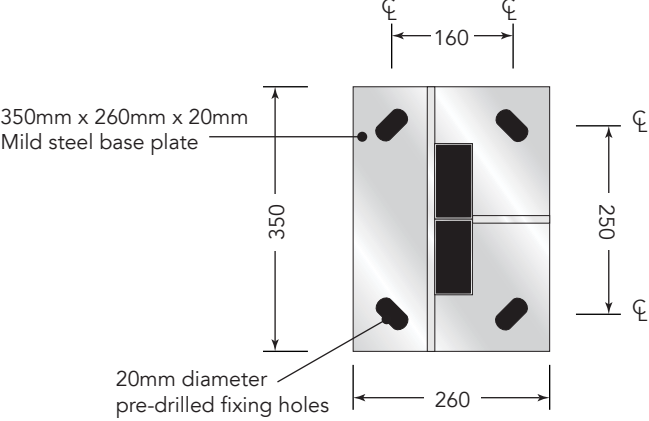
Front Elevation
scale 1:25



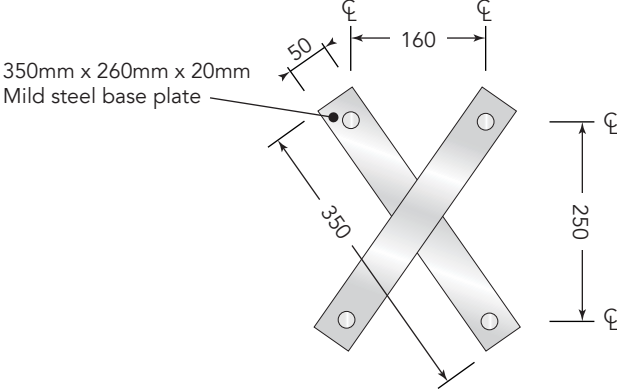
Side Elevation
scale 1:25



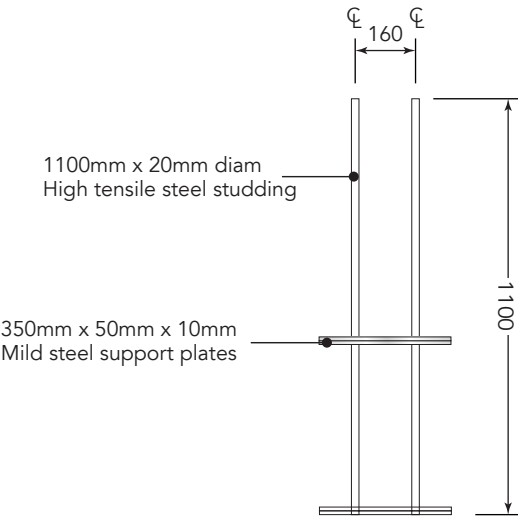
Base Plate Details
scale 1:20



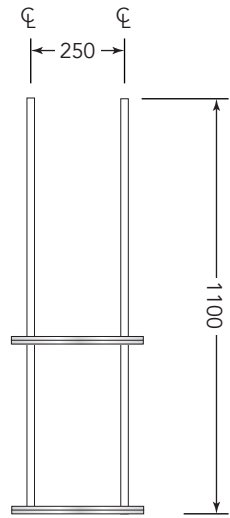
Plan Elevation of Cage
scale 1:20



Front Elevation of Cage
scale 1:20



Side Elevation of Cage
scale 1:20



3.4 METRE PYLON SIGN BASE DETAILS

The pylon is to be installed onto 2 off high tensile steel cages embedded into a concrete sump. The sign can also be fixed to an existing old style 7 metre pylon base using a conversion plate which is to be requested at the time of site survey.

CONSTRUCTION DETAILS FOR CAGES

Each cage is constructed from 4 off 1100mm lengths of 20mm diameter high tensile steel studding spaced at 250mm & 160mm centres. The high tensile uprights are spaced using 4 off 350mm x 50mm x 10mm mild steel flat bars welded diagonally across the uprights in pairs. The pylon is to be secured to the studding using Nyloc nuts. After the installation of the sign any excess studding should be trimmed to below ground level and surface should be finished off.

CONCRETE BASE SPECIFICATIONS

The design assumes that the ground bearing pressure is not less than 35kN/M overturning point is 52kN/M. Concrete is mixed to BS CP 110 (structural use of concrete) grade of concrete is 20/30 (20 being the maximum aggregate size is mm and 30 refers to the strength of the concrete ie: 30kN/M). Concrete has a slump rating of 50mm. RECOMMENDED CURING PERIOD OF CONCRETE NOT LESS THAN 7 DAYS.

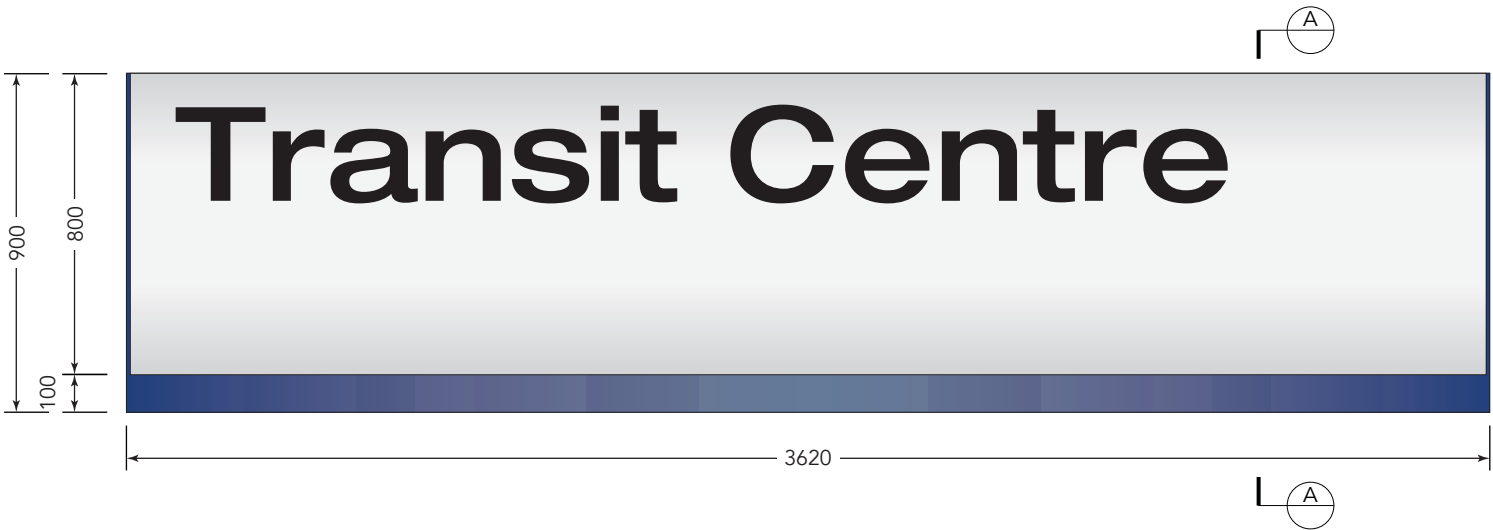
NOTE

Where base sizes are restricted due to on site conditions or existing foundations, the main contractor is to gain specialist advice from their own structural engineers. (The signage contractor cannot take liability for bases installed by the main contractor).

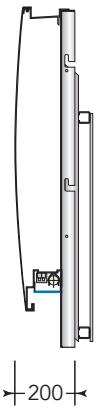
Project manager Steve Kemp		SRF 54658	Dealer Code 64290 AA	Item description 3.4m 'Transit Centre' Pylon base details - GA	
Designer Alex Cowley	Project Trust Ford	Wakefield Road, Barnsley South Yorkshire. S71 1NF		Scale - A3 1:20, 1:10	Rev 00
Date 16-07-14			Dwg no. 804166 01	Sheet 03	



Front Elevation
scale 1:20



AA Section Through
scale 1:20



Sign B - Specification:

1 off 'Transit Centre' clip.
O/A size of sign 3620mm x 900mm.
O/A height of text 250mm.
O/A weight of sign 80kg.

Construction:

Main face panels are constructed from radiused aluminium panels PVDF sprayed silver grey (RAL 9006). The face panels are fixed to an alucobond back panel sprayed Ford blue (RAL 270 30 35). 'Transit Centre' clip face panels are to be aperture cut to accept 3mm white acrylic moulded letters with 3M matt black self adhesive vinyl applied to face.

Illumination:

'Transit Centre' text are internally illuminated by banks of fluorescent tubing. Sign also illuminated via blue light channel positioned behind the lower rear section of the face panels.
Total electrical loading: 6 amps.

Installation:

Fascia is installed by way of brackets to a suitable wall fixed ladder system.

Note:

Alarm may need to be repositioned.
HTUS approx 3070mm.

Existing



Proposed



ASG DESIGN

Project manager Steve Kemp		SRF 54658	Dealer Code 64290 AA	Item description Transit centre sign - GA	
Designer Alex Cowley	Project Trust Ford	Wakefield Road, Barnsley South Yorkshire. S71 1NF		Scale - A3 1:20	Rev 00
Date 16-07-14			Dwg no. 804166 01	Sheet 04	

Front Elevation
scale 1:20



Sign C - Specification:
1 off replacement 'Transit Centre' panel.
O/A size of panel 3600mm x 800mm.
O/A height of text 250mm.
O/A weight of panel 25kg.

Construction:
Main face panels are constructed from radiused aluminium PVDF sprayed silver grey (RAL 9006). The face panels are fixed to an alucobond back panel sprayed Ford blue (RAL 270 30 35).
'Transit Centre' clip face panels are to be aperture cut to accept 3mm white acrylic moulded letters with 3M matt black self adhesive vinyl applied to face.

Installation:
Existing panel to be replaced.

Note:
HTUS approx 3070mm.

Existing

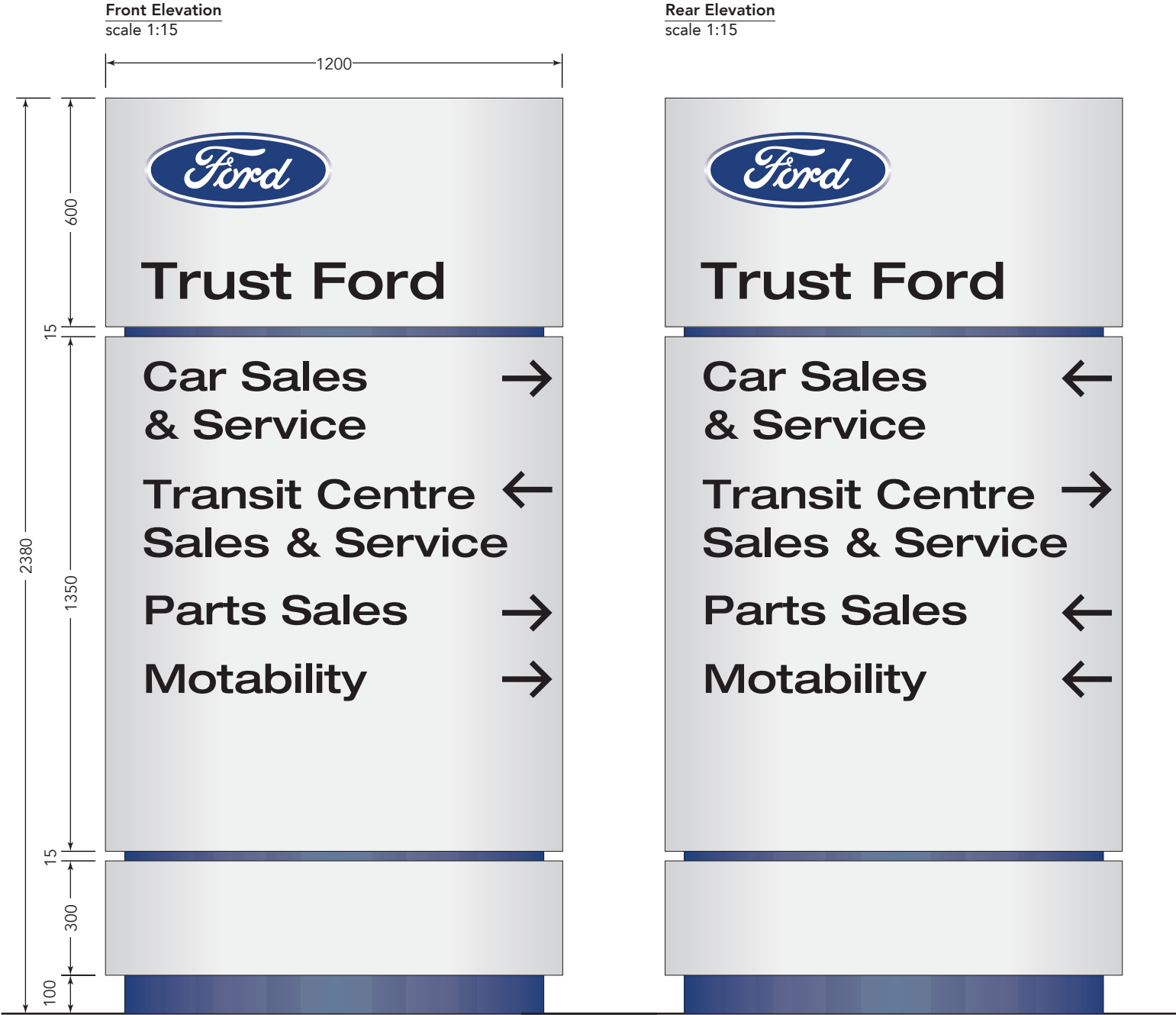


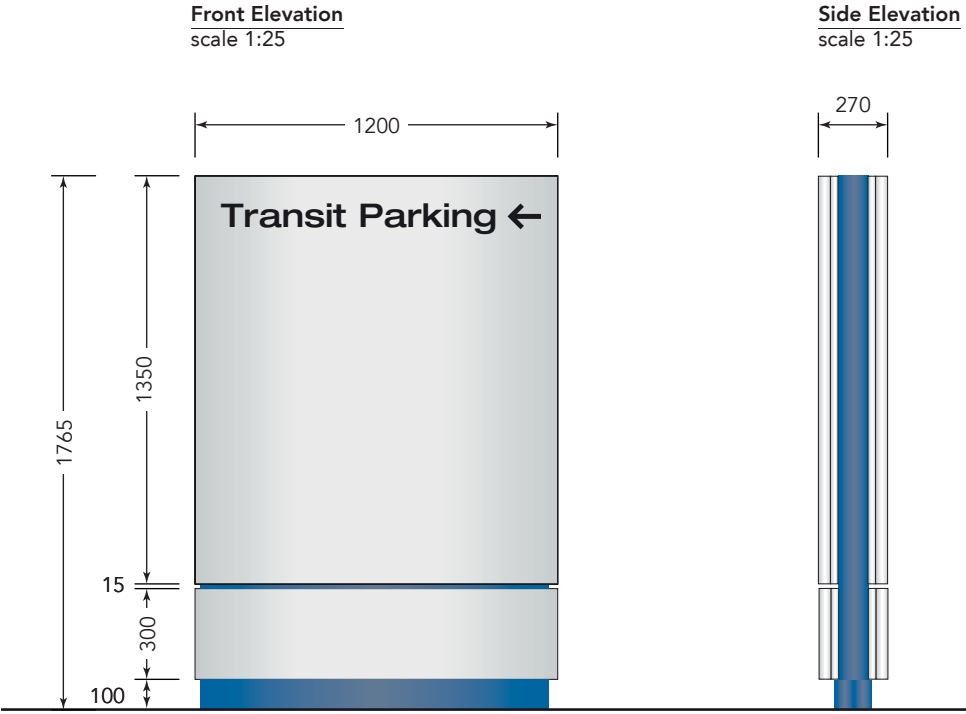
Proposed



Project manager Steve Kemp		SRF 54658	Dealer Code 64290 AA	Item description Transit centre sign - GA
Designer Alex Cowley	Project Trust Ford	Wakefield Road, Barnsley South Yorkshire. S71 1NF		Scale - A3 1:20
Date 16-07-14				Rev 00
				Dwg no. 804166 01
				Sheet 05



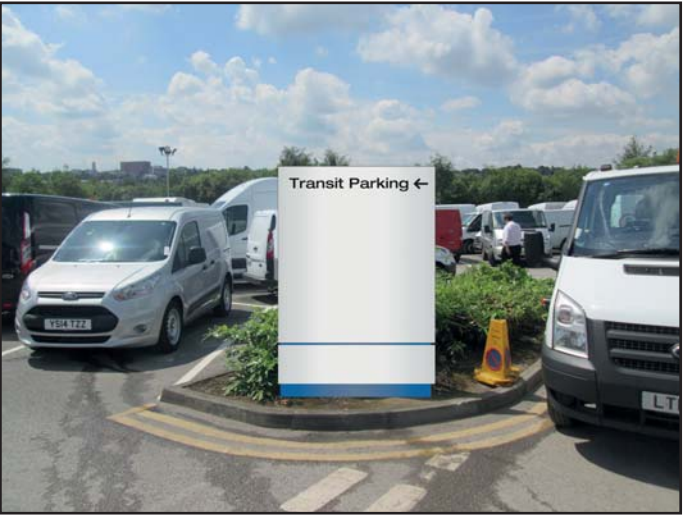




Existing



Proposed



Sign E - Specification:
Install 1 off new free standing tertiary directional sign complete with a new concrete base.
O/A size of sign 1200mm x 1765mm.
O/A weight of sign 100kg.
O/A height of text 80mm.

Construction:
The sign is constructed from SMC material panels sprayed silver grey (RAL 9006) fixed over a 80mm x 40mm x 4mm steel box section framework with 40mm x 2mm steel box section crossbraces. The plinth at the base of the panels is formed from 2mm aluminium panels folded around the frame work and sprayed Ford blue (RAL 270 30 35). Shadow gaps are formed from 15mm x 15mm x 1.5mm aluminium box section sprayed Ford Blue (RAL 270 30 35) and fixed in to the bottom return of the panel above. Text is applied to the face of the panels using 3M matt black self adhesive vinyl.

Illumination:
The sign is non-illuminated.

Foundation/Base:
Where new bases are to be installed by ASG, it is the clients responsibility to ensure that there are no Services (gas, water, electricity, BT etc) in the area of the new base that will hinder or prevent the installation as this information cannot be ascertained by ASG during the Survey. ASG will not be responsible for any costs of aborted installations, damage to services or re-submitting of Planning Applications should services be found at time of carrying out the Installation. Clients should check for services before agreeing sign locations.

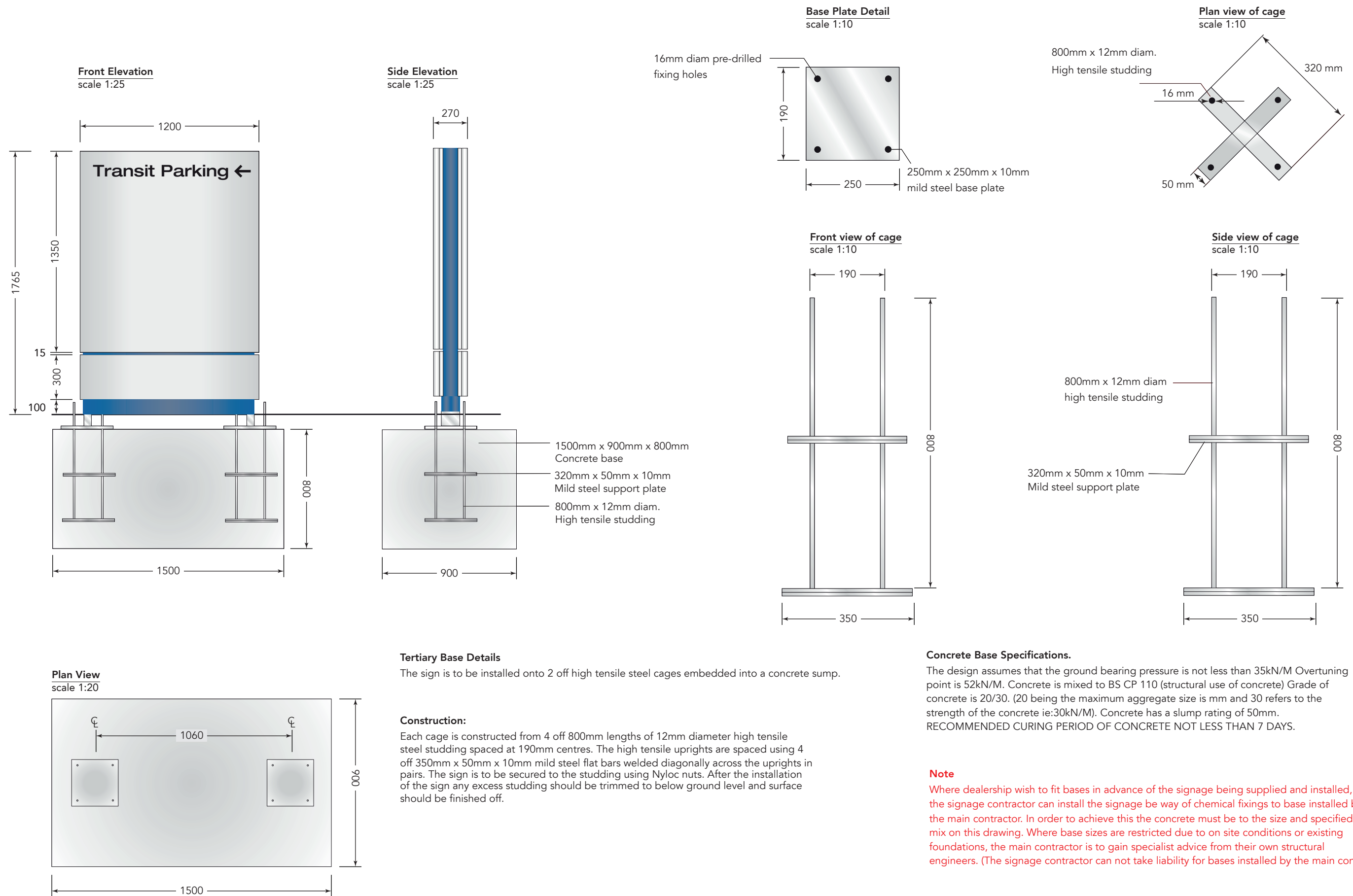
If the existing Signs concrete base is to be reused, it is the client's responsibility to ensure it meets the criteria required structurally. ASG will not be responsible for any failures of the base or the fixing studs to the new sign, and will request that the client sign a waiver form detailing as such. ASG will not provide warranty for installation should the existing base be reused, only the products itself will carry out standard warranty as per our standard terms & conditions.
Should the existing base be reused an adaptor plate may be required to suit the existing fixing stud arrangement. These details will need to be confirmed by a site survey

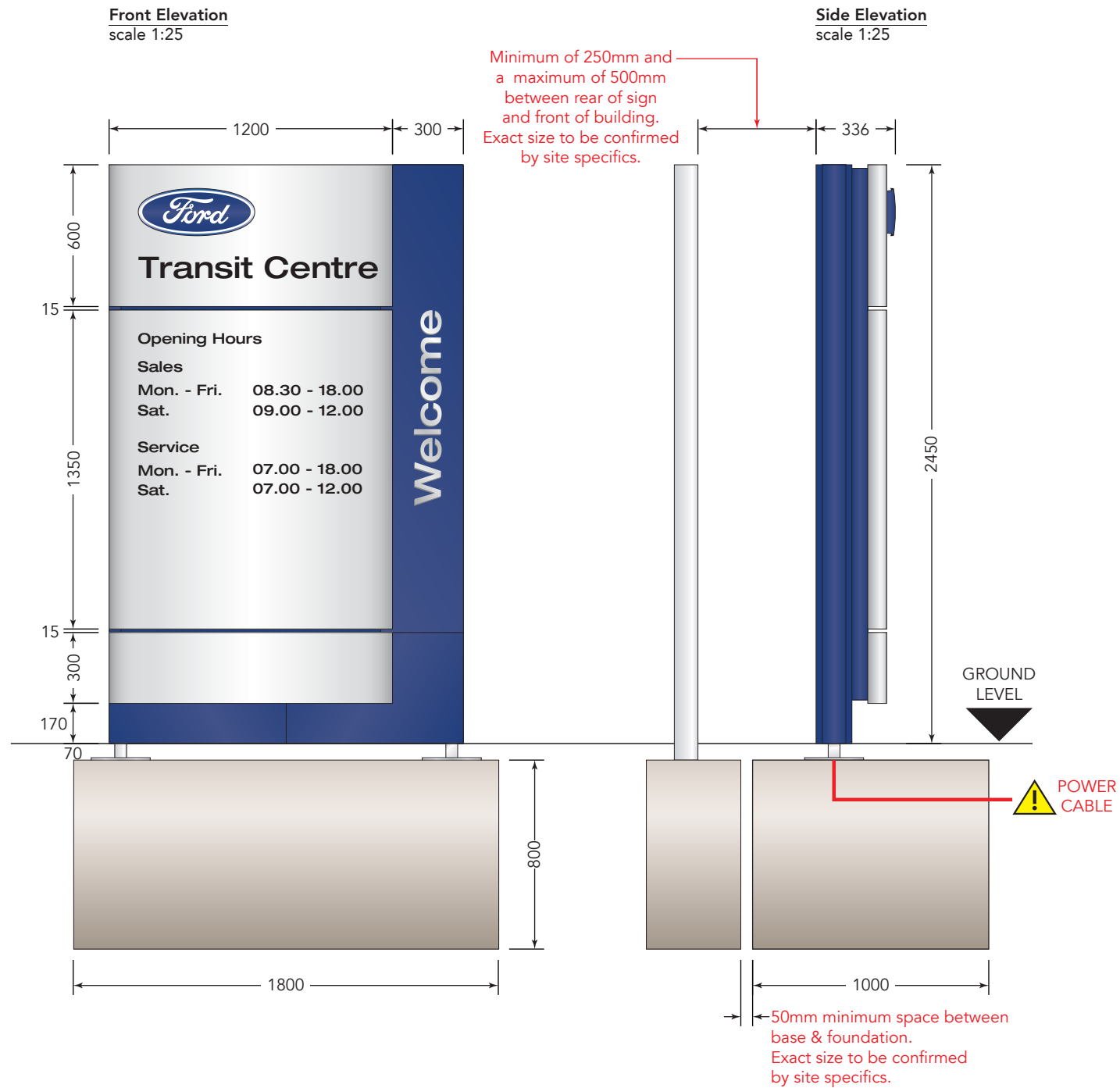
Note:
Remove existing directional sign.
'Transit Centre' text and arrow only on the front elevation.



ASG DESIGN

Project manager Steve Kemp		SRF 54658	Dealer Code 64290 AA	Item description Tertiary Sign - GA
Designer Alex Cowley	Project Trust Ford	Scale - A3 1:25		Rev 00
Date 16-07-14	Wakefield Road, Barnsley South Yorkshire. S71 1NF	Dwg no. 804166 01	Sheet 07	





Sign F - Specification:

Install 1 off new free standing entrance feature (left handed).
O/A size of sign 1500mm x 2450mm.
O/A weight of sign 200kg.
O/A oval button logo 496mm x 200mm.
O/A height of dealer name text 90mm.
O/A height of opening hours text 45mm.

Construction:

The entrance feature is constructed from 3mm alucobond background panels sprayed/stoved Ford Blue (RAL 270 30 35) and folded around stainless steel framework.
Fixed to background are 3mm SMC panels PVDF sprayed in Ford Silver Grey (RAL 9006).
The top face panel is aperture cut to accept oval button logo formed from 3mm Blue acrylic with text and details in 3mm White acrylic.
Text is applied directly to the face panel in 3M Matt Black self adhesive vinyl.
Mirror finished stainless steel fabricated letters running vertically are attached to the background panels.

Illumination:

The oval logo is internally illuminated using fluorescent tubes and is designed to provide a halo illumination effect. Additional lighting is provided by a blue light channel running down the right hand side of the sign concealed behind the face panels.
TOTAL ELECTRICAL LOADING OF SIGN:- 2 amps.

Note

It is the dealers responsibility to provide and adequate power supply to each required point. Other then connecting to the supply, the signage contractor will charge on a time and material basis for any on site electrical work.

Existing



Proposed

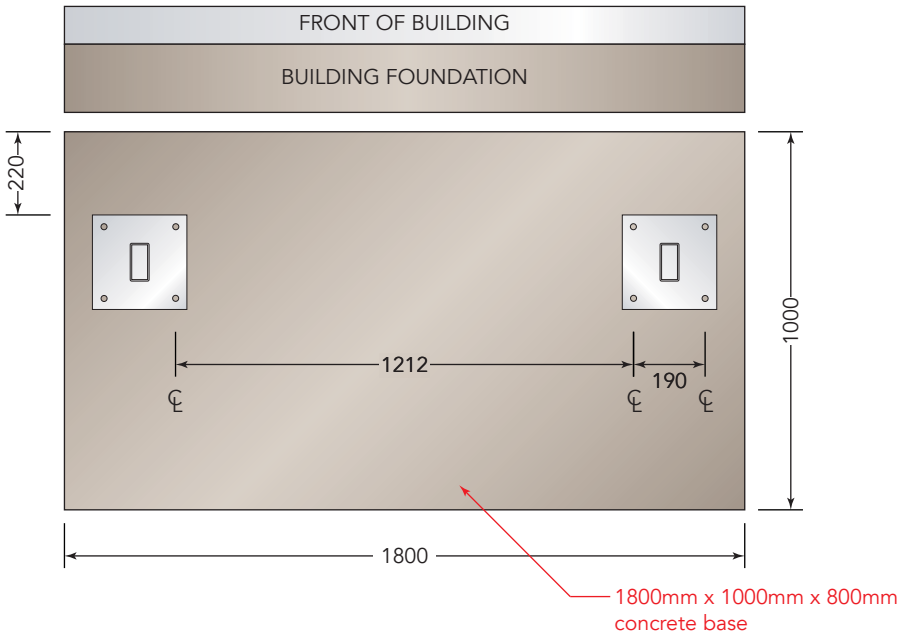


ASG DESIGN

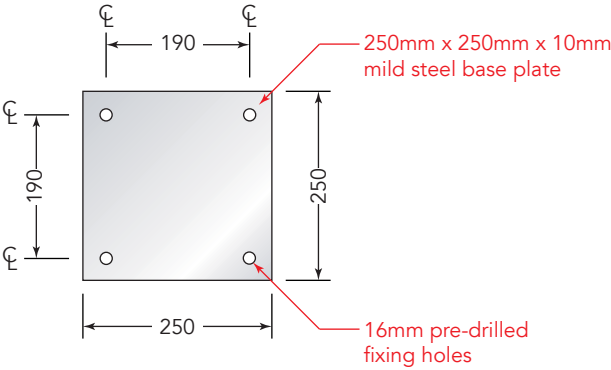
Project manager Steve Kemp		SRF 54658	Dealer Code 64290 AA	Item description Entrance feature - GA
Designer Alex Cowley	Project Trust Ford	Scale - A3 1:25		Rev 00
Date 16-07-14	Wakefield Road, Barnsley South Yorkshire. S71 1NF	Dwg no. 804166 01	Sheet 09	



Plan View Of Base
scale 1:20



Base Plate Detail
scale 1:10



FREESTANDING ENTRANCE FEATURE BASE DETAILS

The sign is to be installed onto 1 concrete slump using 12mm Ø studding chemically fixed into the concrete base.
The sign is to be secured to the studding using Nyloc nuts.
After the installation of the sign any excess studding should be trimmed to below ground level and surface should be finished off.

CONCRETE BASE SPECIFICATION

The design assumes that the ground bearing is not less than 35kN/M.
Overturning point is 52kN/M. Concrete is mixed to BS CP 110 (structural use of concrete).
Grade of concrete is 20/30 (20 being the minimum aggregate size is mm and 30 refers to the strength of the concrete ie:30kN/M).
Concrete has a slump rating 50mm.
RECOMMENDED CURING PERIOD OF CONCRETE NOT LESS THAN 7 DAYS.

FOUNDATION/BASE

Where new bases are to be installed by ASG, it is the client's responsibility to ensure that there are no services (gas, water, electricity, BT etc) in the area of the new base that will hinder or prevent the installation as this information cannot be ascertained by ASG during the survey. ASG will not be responsible for any costs of aborted installations, damage to services or re-submitting of planning applications should services be found at time of carrying out the installation. Clients should check for services before agreeing sign locations.
If the existing sign's concrete base is to be reused, it is the client's responsibility to ensure the criteria required structurally.
ASG will not be responsible for any failures of the base or the fixing studs to the new sign, and will request that the client sign a waiver form detailing as such ASG will not provide warranty for installation should the existing base be reused, only the product itself will carry out standard warranty as per our standard terms & conditions.
Should the existing base be reused an adaptor plate may be required to suit the existing fixing stud arrangement.
These details will need to be confirmed by a site survey.

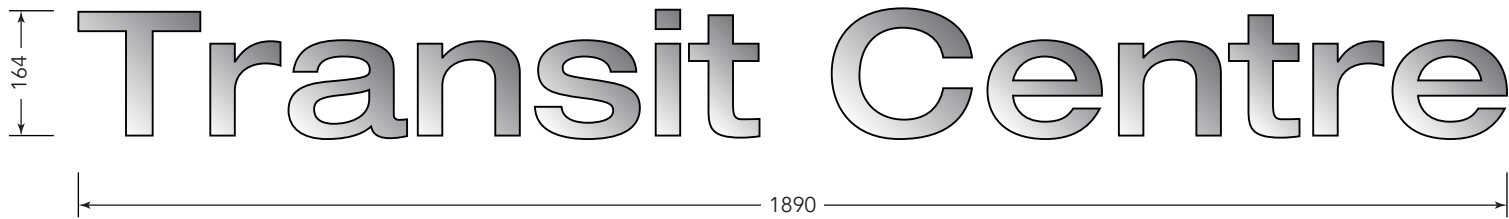
NOTE

In order to achieve this the concrete must be to the size and specified mix on this drawing. Where base sizes are restricted due to on site conditions or existing foundations, the main contractor is to gain specialist advice from their own structural engineers.
(The signage contractor can not take liability for bases installed by the main contractor).

Project manager Steve Kemp		SRF 54658	Dealer Code 64290 AA	Item description Entrance feature - Base details - GA	
Designer Alex Cowley	Project Trust Ford Wakefield Road, Barnsley South Yorkshire. S71 1NF			Scale - A3 1:20, 1:10	Rev 00
Date 16-07-14				Dwg no. 804166 01	Sheet 10



Front Elevation
scale 1:10



Sign G - Specification:
1 off set of letters to be fitted underneath existing.
O/A size of sign 1890mm x 164mm.
O/A weight of sign 2kg.

Construction:
Sub text manufactured from router cut 5mm Perspex being PVC coated
RAL 9006 (White Aluminium) 30-40% matt finish.

Illumination:
Text is non illuminated.

Note:
HTUS approx 3700mm.

Existing



Proposed

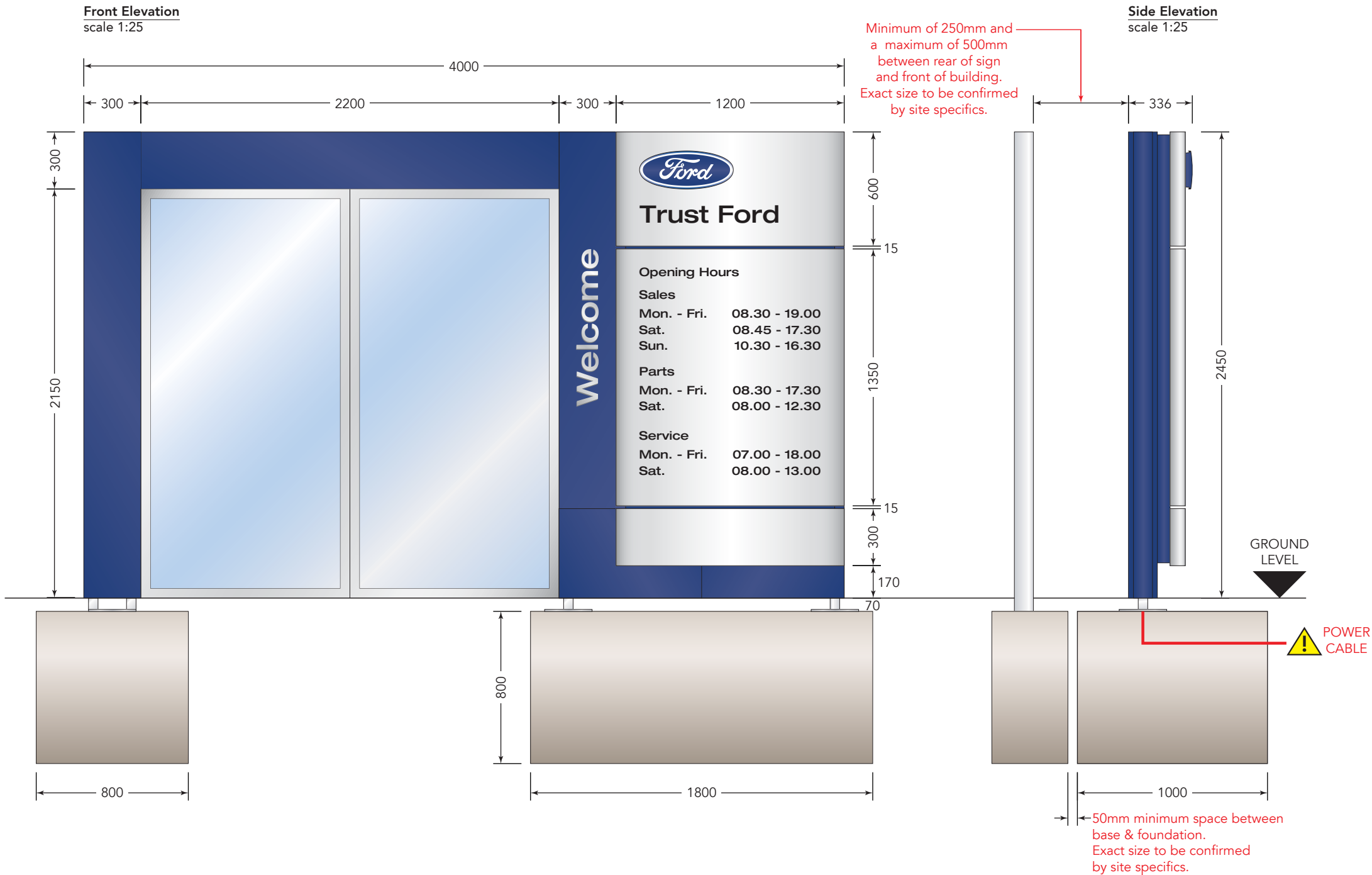


ASG DESIGN

Project manager Steve Kemp		SRF 54658	Dealer Code 64290 AA	Item description Individual set of letters - GA	
Designer Alex Cowley	Project Trust Ford Wakefield Road, Barnsley South Yorkshire. S71 1NF			Scale - A3 1:10	Rev 00
Date 16-07-14				Dwg no. 804166 01	Sheet 11







Existing



Proposed



Sign H - Specification:

Install to existing background 1 off arched entrance feature (right handed).
O/A size of sign 4000mm x 2450mm.
O/A weight of sign 320kg.
O/A oval button logo 496mm x 200mm.
O/A height of dealer name text 90mm.
O/A height of opening hours text 45mm.

Construction:

The entrance feature is constructed from 3mm alucobond background panels sprayed/stoved Ford Blue (RAL 270 30 35) and folded around stainless steel framework. Fixed to background are 3mm SMC panels PVDF sprayed in Ford Silver Grey (RAL 9006). The top face panel is aperture cut to accept oval button logo formed from 3mm Blue acrylic with text and details in 3mm White acrylic. Text is applied directly to the face panel in 3M Matt Black self adhesive vinyl. Mirror finished stainless steel fabricated letters running vertically are attached to the background panels.

Illumination:

The entrance feature is illuminated via blue light lines down either side hidden behind the face panels. The oval logo is internally illuminated using fluorescent tubes and is designed to provide a halo illumination effect. The "arch" structure also has 3 down lighters incorporated into its panels to illuminate the entrance at night or in poor light conditions.
TOTAL ELECTRICAL LOADING OF SIGN:- 3 amps.

Note:

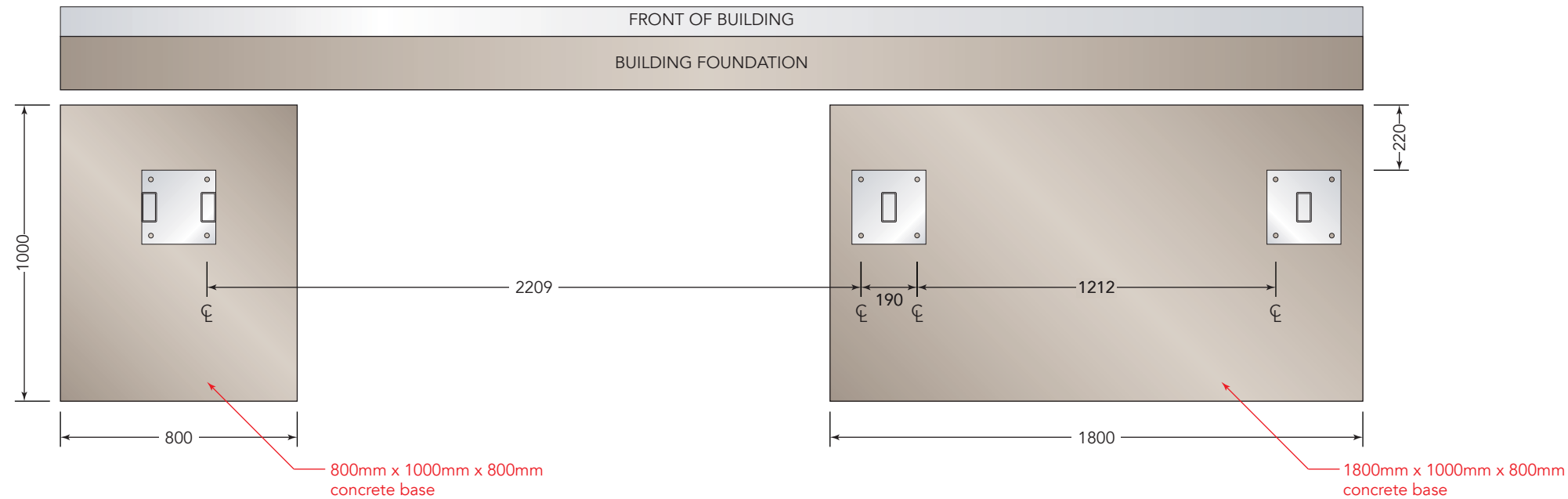
It is the dealers responsibility to provide and adequate power supply to each required point. Other then connecting to the supply, the signage contractor will charge on a time and material basis for any on site electrical work. Sensor may need to be repositioned.



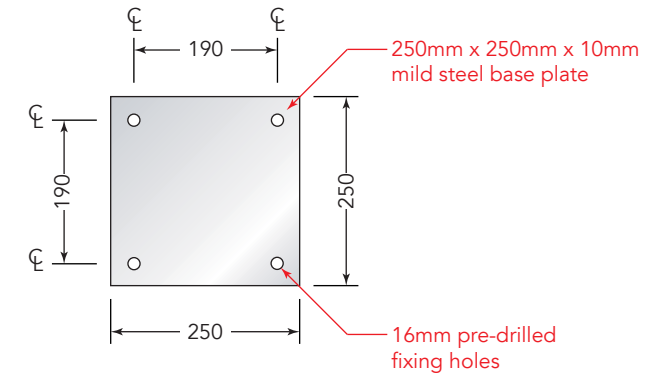
ASG DESIGN

Project manager Steve Kemp		SRF 54658	Dealer Code 64290 AA	Item description Arched entrance feature - GA
Designer Alex Cowley	Project Trust Ford	Scale - A3 1:25		Rev 00
Date 16-07-14	Wakefield Road, Barnsley South Yorkshire. S71 1NF	Dwg no. 804166 01	Sheet 12	

Plan View Of Base
scale 1:20



Base Plate Detail
scale 1:10



ARCHED ENTRANCE BASE DETAILS

The sign is to be installed onto 2 concrete slumps using 12mm Ø studding chemically fixed into the concrete base.
The sign is to be secured to the studding using Nyloc nuts.
After the installation of the sign any excess studding should be trimmed to below ground level and surface should be finished off.
Please utilise existing base (right hand side) and install a new base (left hand side).

CONCRETE BASE SPECIFICATION

The design assumes that the ground bearing is not less than 35kN/M.
Overturning point is 52kN/M. Concrete is mixed to BS CP 110 (structural use of concrete).
Grade of concrete is 20/30 (20 being the minimum aggregate size in mm and 30 refers to the strength of the concrete ie:30kN/M).
Concrete has a slump rating 50mm.

FOUNDATION/BASE

Where new bases are to be installed by ASG, it is the client's responsibility to ensure that there are no services (gas, water, electricity, BT etc) in the area of the new base that will hinder or prevent the installation as this information cannot be ascertained by ASG during the survey. ASG will not be responsible for any costs of aborted installations, damage to services or re-submitting of planning applications should services be found at time of carrying out the installation. Clients should check for services before agreeing sign locations.

If the existing sign's concrete base is to be reused, it is the client's responsibility to ensure the criteria required structurally. ASG will not be responsible for any failures of the base or the fixing studs to the new sign, and will request that the client sign a waiver form detailing as such ASG will not provide warranty for installation should the existing base be reused, only the product itself will carry out standard warranty as per our standard terms & conditions. Should the existing base be reused an adaptor plate may be required to suit the existing fixing stud arrangement. These details will need to be confirmed by a site survey.

NOTE

In order to achieve this the concrete must be to the size and specified mix on this drawing. Where base sizes are restricted due to on site conditions or existing foundations, the main contractor is to gain specialist advice from their own structural engineers. (The signage contractor can not take liability for bases installed by the main contractor).

Project manager Steve Kemp		SRF 54658	Dealer Code 64290 AA	Item description Arched entrance feature - Base details - GA
Designer Alex Cowley	Project Trust Ford			Scale - A3 1:20, 1:10
Date 16-07-14	Wakefield Road, Barnsley South Yorkshire. S71 1NF			Rev 00
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				Sheet 13