

**Construction Traffic
Management Plan**

**Land North of
Arborfield Road,
Shinfield,
Reading
RG2 9FY**

**Prepared for
Bellway Homes Ltd**

by

**Stuart Michael
Associates Limited**

August 2024



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1.0 INTRODUCTION

- 1.1 Stuart Michael Associates Limited (SMA) has been appointed by Bellway Homes Limited (Thames Valley) to develop a Construction Traffic Management Plan (CTMP) for the site on Land North of Arborfield Road, Shinfield, Reading (**Drawing 7233.001** refers).
- 1.2 This CTMP summarises the proposed construction methods and sequencing. It also outlines measures that will be taken to minimise the impact of construction on the surrounding area.
- 1.3 This Construction Traffic Management Plan (CTMP) shall be submitted to and approved in writing by the Local Planning Authority prior to the commencement of development. The approved CTMP shall be implemented prior to any works being carried out on site, and shall be maintained throughout the course of the development.
- 1.4 A CEMP report has also been prepared under separate cover.

Scope of Report

- 1.5 This CTMP has been developed to take into account general checklist details provided by WBC, together with matters considered of relevance to the development. These include, but are not limited to:
- (i) Details of parking and turning for vehicles of site personnel, operatives and visitors;
 - (ii) Loading and unloading of plant and materials;
 - (iii) Storage of plant and materials;
 - (iv) Programme of works / phasing / lorry routing and potential numbers (including measures for traffic management and operating hours);
 - (v) Provision of boundary hoarding;
 - (vi) Details of measures to prevent mud from vehicles leaving the site during construction;
 - (vii) Details of any site construction office, compound and ancillary facility buildings;
 - (viii) Details of access and haul routes to be used to access the development;

Assessment Methodology

- 1.6 Research undertaken in connection with this assessment has included:

- Desktop and field study of local road types to establish suitable routing of vehicles;
- Site visits to assess local roads;
- Consideration of appropriate measures to reduce vehicle movements and associated impacts on local residents; and
- Information provided from the developer regarding on-site facilities and protocols.

2.0 CONSTRUCTION MANAGEMENT PLAN

- 2.1 This statement has been developed by SMA and will be adopted by the Main Works Contractor. Any revisions to this plan shall be agreed, approved by the Build Director and recorded. This Statement shall be a live document, which shall be continuously reviewed to take into account additional environmental information encountered during the detailed design and construction phase. It shall allow for the inclusion of any further conditions and amendments that arise from the granting of consents or legitimate concerns of Third Parties.
- 2.2 All personnel and sub-contractors working on the project shall perform their duties in accordance with the requirements of the statement. The Site Team shall report regularly to the Area Build Manager on the status and effectiveness of its implementation.

Programme of Construction Works

- 2.3 It is anticipated that the build out period for the whole site could be up to 5 years, which will be constructed in a number of phases, with approximately 50 dwellings constructed a year.
- 2.4 The programme of works will consist of the following;
- Enabling works comprising perimeter fencing/security provisions, site compound, site clearance, ground investigation, initial service works and access works;
 - Sub infrastructure works, ground works and foundations;
 - Construction of superstructures; and
 - External works such as car parking and landscaping.

Construction Travel Management

- 2.5 During construction works, a construction liaison officer (Site manager) will require that the impacts on the local community from construction traffic are minimised by its contractors and that public access is maintained where reasonably practicable. The impact of road based construction traffic will be reduced by identifying clear controls on vehicle types, hours of site operation and routes for heavy goods vehicles (HGVs).

Access Strategy

- 2.6 In view of the life of the construction period for the entire site, it is proposed that all access routes to the site for construction traffic be assessed in order to ensure that all phases and offsite works can be completed in a timely manner.
- 2.7 The primary access route for construction traffic will be via the proposed access to be provided from Arborfield Road. Until the proposed access is constructed the existing gated site access onto Arborfield Road will be used. HGV Construction Access to Arborfield Road should be achieved via the Eastern Relief Road Science Park Roundabout and the A327 to the east of the site.
- 2.8 The location of the existing site access is shown on **Drawing 7233.003**. This access benefits from a tarmac surface and the access will be gated, set back circa 20m, and have a separate pedestrian access.
- 2.9 The temporary access shown on **Drawing 7233.003** will be closed off once the main access is open.
- 2.10 In order to access Arborfield Road and subsequently the development site, a HGV construction traffic access strategy has considered the following routes:

- **Access via M4 (both directions):**

Shinfield is situated just south of the M4. Construction traffic travelling from the east (Wokingham/Bracknell) and west (Theale) via the M4, will take exit 11 and continue on the B3270. From the B3270 construction traffic should then exit the roundabout onto the A327 southbound turning left onto the Eastern Relief Road. At the end of the Eastern Relief Road at the Arborfield Road/ A327 Roundabout, construction traffic will take the 2nd exit and proceed to Arborfield Road. From Arborfield Road construction traffic will access the site via the site access on the right, circa 200m from the roundabout (refer to **Drawing 7233.002**).

- **Access via A33:**

Construction traffic accessing the site from the south can do so via the A33. As stated above, once construction traffic reaches exit 11 from the M4, it should then continue as detailed above.

- **Access via A327**

Construction traffic can also access the site from the south via the A327 and pass through the eastern relief road / Arborfield Road roundabout. (refer to Drawing 7233.002).

- 2.11 The proposed access routes are shown on **Drawing 7233.002**. Gaining access to the site via these routes will help minimise the traffic impacts of construction traffic on the existing local centre, schools and residential areas within central Reading and Shinfield.
- 2.12 Although other routes are available this route and junctions along it are of a good standard to accommodate construction traffic. These routes are also considered to have limited impact on residential properties, avoids local schools and Reading and Shinfield town centres.
- 2.13 All sub-contractors and supply-chain members will be advised during the induction and subcontracts of the need to adhere to local speed limits and use the dedicated route to and from site.
- 2.14 The route will be signed appropriately to avoid impacting on other residential areas. All signage will be provided in accordance with the Traffic Signs Regulation and General Directions (TSRGD 2016).
- 2.15 In order to ensure that construction traffic and its potential impacts to the surrounding area are carefully managed, the remainder of this report identifies the various protocols and controls that will be put in place to ensure high levels of safety and to minimise disturbance to residents.

Provision of Long-Term Facilities for Contractor Parking

- 2.16 Specific parking areas will be provided on-site for contractors and for the loading of vehicles. Parking areas will be clearly signed and monitored by the site managers. Parking for contractors, personnel, site operatives and visitors is to be provided adjacent to the Site Compound. The site compound will contain welfare and administrative facilities, plus a storage areas for materials. Electricity, water and telephone connections will be made to the site compounds. **Drawing 7233.003** shows the proposed site compound location, including site parking and storage facilities, this layout is subject to change to meet the requirements of the buildout of the site.

- 2.17 Contractors will be prevented from parking on the access roads of occupied properties and on new residential roads.
- 2.18 The site manager will ensure that inspections are undertaken to ensure these parking restrictions are adhered to.

Loading and unloading of plant and materials

On-site Parking and Manoeuvring of Construction Vehicles within the Site.

- 2.19 The proposed site layout has adequate turning heads to enable vehicles to safely manoeuvre in and out of the site and loading areas in forward gear.
- 2.20 **Drawing 7233.004** shows a typical constructed vehicle turning safely within the confines of the site. Any manoeuvres of HGVs will be overseen by Banksmen.
- 2.21 The car park is accessed via the site's construction access from Arborfield Road (**Drawing 7233.003** refers).

Haul Roads

- 2.22 It is not anticipated that there will haul roads within the site.

Storage of plant and materials

- 2.23 A temporary compound area will be located within the site. These secure, hardstanding places will include an area for cabins, storage and car parking (see **Drawing 7233.003**). Due to the size of the development, it is likely that additional local storage areas could be provided, in line with the phasing of the development, to reduce the movement of plant and materials around the site. Details of additional storage areas, if required, would be identified at a future stage, to be agreed with in consultation by the local planning authority.

Programme of works / phasing / lorry routing and potential numbers (including measures for traffic management and operating hours)

- 2.24 The site will be operational between 08:00 and 18:00 (Monday to Friday) and 08:00 to 13:00 (Saturdays). No work will be undertaken on Sundays and bank holidays.
- 2.25 A schedule of planned vehicle deliveries is provided in **Table 2.1**. This table sets out the Developers typical projected deliveries of construction materials and the frequency these are anticipated.

Table 2.1: Schedule of Planned Principal Deliveries

Materials	Use on Project	Expected Delivery and Frequency
Contractors Materials	Throughout	Monday-Friday hourly
Aggregates	Throughout	Monday-Friday daily
Ready Mixed Concrete	Throughout but Mainly start of site	Monday-Friday As required
Fuel Deliveries	Through out	Daily
General building Deliveries	Through out	Monday-Friday As required
Large Plant and Equipment	Mainly start of site and end of site works	Monday-Friday As required

- 2.26 Where practicable, the Developer will use local companies to provide services such as supplies of materials, road transport, distribution facilities and sub-contract labour and plant.
- 2.27 Deliveries will only be permitted between 08:00 and 18:00 (Monday to Friday) and 08:00 to 13:00 (Saturdays). Where possible deliveries will be scheduled outside of the commuter peak periods 08:00-09:00 and 17:00-18:00. No deliveries can be accepted outside of the times permitted and no deliveries can wait on the neighbouring roads until the delivery times are reached.
- 2.28 A Programme of Works Phasing plan is provided at **Appendix 1**. This build sequence is subject to change as the project progresses.

Provisions for the Storage, Collection and Disposal of rubbish from the development during the construction period

- 2.29 The secure compound area will provide an area for storage, collection and disposal of rubbish from the development.
- 2.30 Waste vehicle movements will only take place between 08:00 and 18:00 (Monday to Friday) and 08:00 to 13:00 (Saturdays). As such, no waste vehicles will access the site outside of these times. This will ensure minimal disturbance to the local community.
- 2.31 In terms of site clearance, there will be minimal site clearance required. The site will be cleared of unwanted materials.

Signage

- 2.32 The contractor will implement a clear and concise signage strategy throughout the site to identify construction vehicle routes, and assist in internal traffic control. Signage will also identify the site office and parking areas for all

personnel, site visitors and service vehicles. All signage on and off site will be inspected by the health and safety officer, on a weekly basis.

- 2.33 No construction traffic shall exceed a speed of 10mph within the site and advisory speed restriction signs shall be erected subject to approval by WBC. Bellway Homes will use best endeavours to enforce speed limits within the development.

Provision of boundary hoarding

- 2.34 Enabling works for each phase will comprise perimeter fencing/security provisions. The construction and maintenance of fencing and hoardings will be carried out to an acceptable condition to prevent unwanted access to the construction site, to provide noise attenuation, screening, and site security where required. This will include the need to provide viewing points at relevant locations, if appropriate the use of different types of fencing:

- Maintenance of hoarding as required;
- Providing site information boards with out of hours contact details, 24 hour telephone number (for comments/complaints), community information, information on the works programme, details of site managers contact details, at key locations *and*;
- Displaying notices on site boundaries to warn of hazards on site such as deep excavations, construction access, etc.

- 2.35 Clear sight lines will be maintained around hoardings and fencing with no hidden corners in order to avoid, where reasonably practicable, opportunities for anti-social behaviour and crime and to ensure safety of vehicles. Footways of adequate width to facilitate pedestrian flows will be provided with signs provided to facilitate safe access around the site boundary. Adequate lighting will be installed, as necessary, near hoardings.

Plant and wheel washing

- 2.36 All vehicle wheels will be checked and washed down, as required, prior to exit from site.

Details of measures to prevent mud from vehicles leaving the site during construction

- 2.37 Roads will be kept free of debris and dirt as necessary, by sweeping or hosing down.

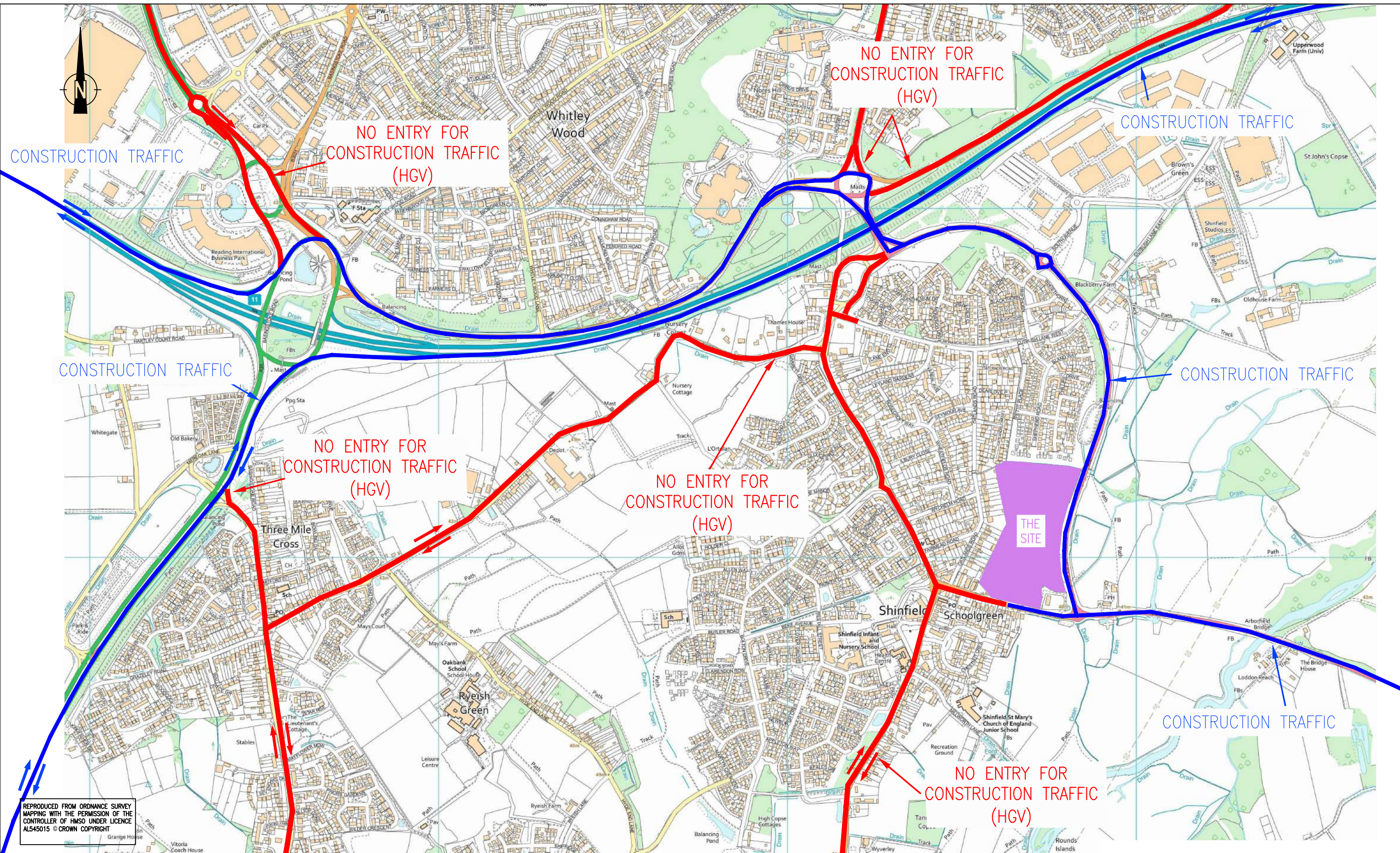
Details of any site construction office, compound and ancillary facility buildings

- 2.38 A temporary main compound area will be located within the site.
- 2.39 The compound area includes an area for cabins for use as the construction office, storage and car parking.
- 2.40 Details of the proposed compound layout is provided at **Appendix 2**. However this is Programme dependent and may be required to increase in size.
- 2.41 The pedestrian and cyclist access route to the compound are shown on **Drawing 7233.003**.

3.0 SUMMARY AND CONCLUSION

- 3.1 This report sets out the overall framework for the Construction Traffic Management Plan (CTMP), including managing the movement of construction and delivery traffic to/from the development site, to be constructed by Bellway Homes Limited for the site at Arborfield Road, Shinfield (**Drawing 7233.001** refers).
- 3.2 This report sets out the overall framework for managing the environmental impact of the development and the movement of construction and delivery traffic to/from the development site. Its main purpose is to ensure that a range of extensive preventative measures are in place to minimise the potential impact of the development on the travelling public, whilst also ensuring the HGV movements associated with the development do not create any unnecessary safety concerns.
- 3.3 It is acknowledged that the local community are likely to be concerned that there could be an impact on the condition of local roads.
- 3.4 The primary access route for construction traffic will be via the proposed access to be provided from Arborfield Road. Traffic entering Shinfield will do so either via the M4 (both directions), or the A33 and A327 from the south. This strategy is illustrated in **Drawing 7233.002**.
- 3.5 During the construction of the development, the developer will seek to minimise disruption to local residents. It is also not expected that the minor increase in traffic will not cause any delays, safety problems or amenity issues for pedestrians.
- 3.6 Contact details of the Site Manager have not yet been agreed, however these details will be provided when they come available.
- 3.7 It is acknowledged that small variations to the CTMP may be necessary as development progresses and the phasing programme may change as a result. It is proposed that this would be addresses through an 'Open Book' approach. In this event, updated plans and drawings would be provided to WBC for their consideration and approval.

DRAWINGS



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KEY:

-  SECURITY/SITE BOUNDARY FENCING
 TREE PROTECTION FENCING

GATE SET BACK TO
ALLOW HGV TO WAIT
OFF CARRIAGEWAY

2.4m x 120m
VISIBILITY SPLAYS

LOCATION OF EXISTING SITE ACCESS. TO BE
UTILISED UNTIL PERMANENT SITE ACCESS IS
AVAILABLE

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JOB TITLE

LAND NORTH OF ARBORFIELD ROAD, SHINFIELD

DRAWING TITLE

CONSTRUCTION SITE LAYOUT PLAN

A	COMPOUND LOCATION UPDATED	RD	MRO	28.08.24
Rev	Description	Drn	Chk	Date
REVISIONS				
Preliminary	Approval	Tender	Const.	
DRAWING STATUS				
DATE	JULY 2024	DRAWN	JGP	CHECKED
			MRO	ISSUE CHECKBOX
DRAWING No.	7233.003	REV	SCALE	1:2000
				© A3

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Bellway Homes

JOB TITLE

LAND NORTH OF ARBORFIELD ROAD, SHINFIELD

DRAWING TITLE

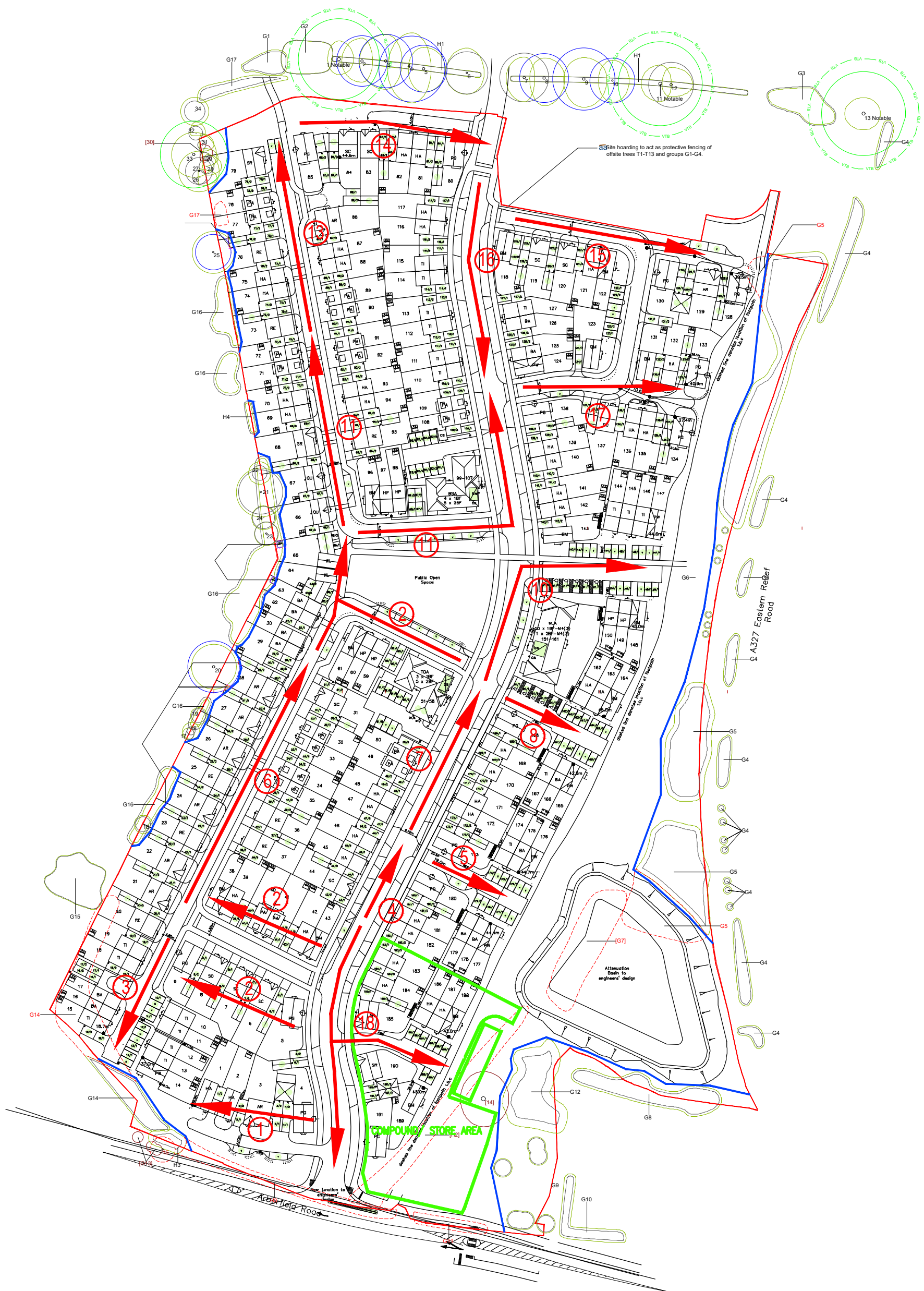
HGV AUTOTRACK SWEEP PATH ANALYSIS

A	COMPOUND UPDATED			RD	MRO	28.08.24
Rev	Description			Drn	Chk	Date
REVISIONS						
Preliminary		Approval		Tender		Const.
DRAWING STATUS						
DATE	JULY 2024		DRAWN	JGP		MRO
			CHECKED	ISSUE CHECKBOX		
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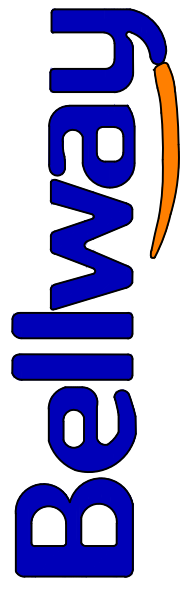
APPENDICES

APPENDIX 1



PROGRAMME OF WORKS PHASING PLAN

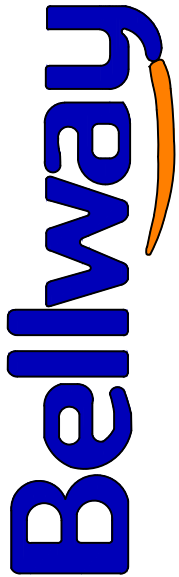
APPENDIX 2



20m x 24m Compound

50 - 100 Units Per Annum

Group Technical
Bellway Homes
Seaton Burn House
Dudley Lane
Seaton Burn
Newcastle upon Tyne
NE13 6BE

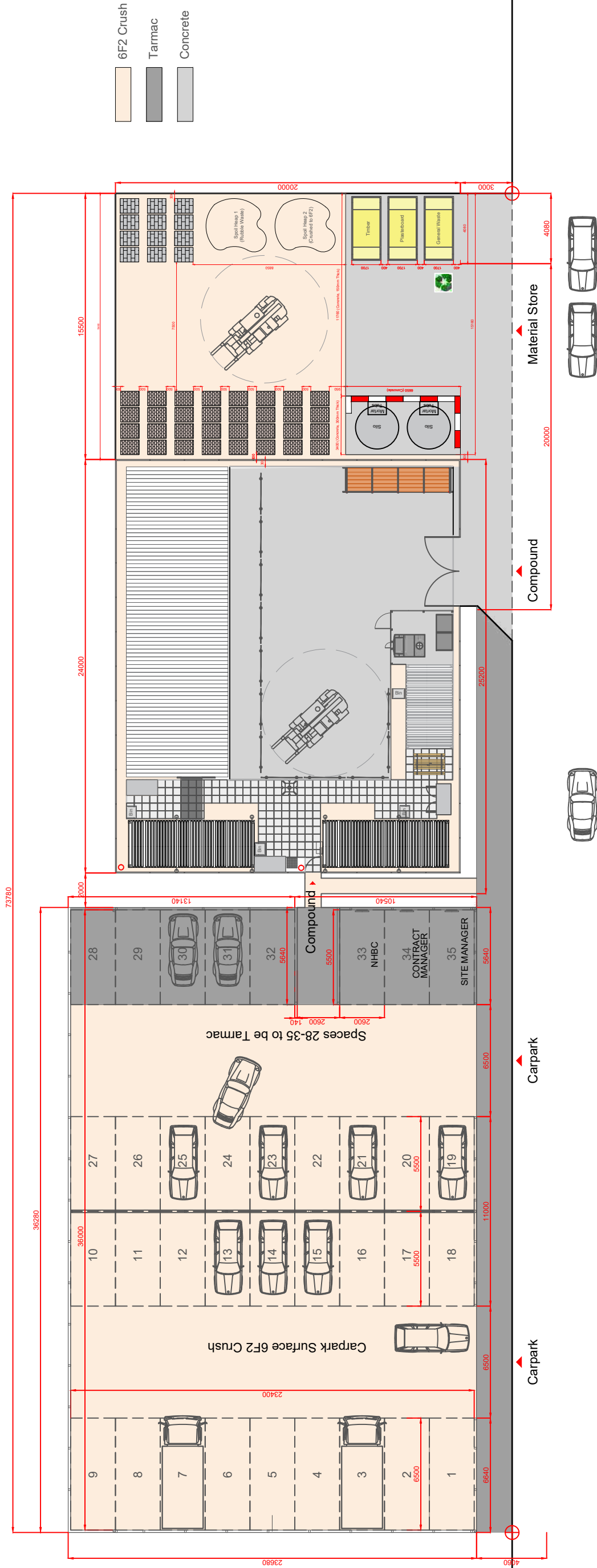


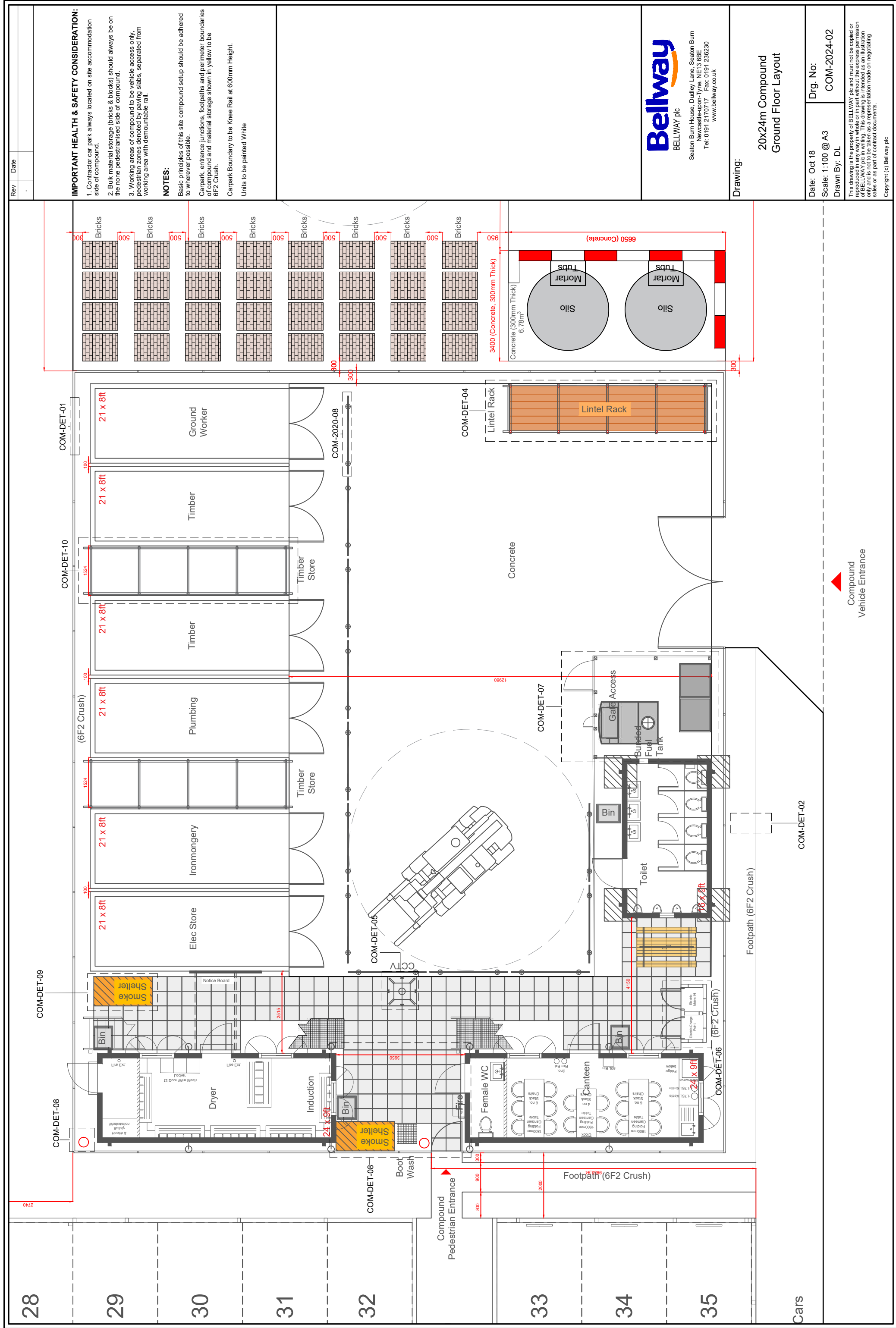
Standard Compound

Drawing Register
Version 1.2

Section	Dwg. Ref	Drawing Name	Rev
20x24 COMPOUND	COM-2024-01	20x24m Compound Site Layout	B
	COM-2024-02	20x24m Compound Ground Floor Layout	-
	COM-2024-03	20x24m Compound First Floor Layout	A
	COM-2024-04	20x24m Compound Material Store & Waste Management	A
	COM-2024-05	20x24m Compound Services Layout	-
	COM-2024-06	20x24m Compound Site Elevations	-
	COM-2024-07	20x24m Compound Above Container Scaffolding	A
	COM-2024-08	20x24m Compound Demountable Rail Setting Out	A
UNITS	COM-UNIT-01	24x9ft Container Units	B
	COM-UNIT-03	20x8ft Container Units	-
	COM-UNIT-04	16x9ft Toilet Unit	A
DETAILS	COM-DET-01	Compound Boundary Fencing	-
	COM-DET-02	Carpark Boundary & Footpaths	-
	COM-DET-03	Scaffold Fixing Plan Above Containers	A
	COM-DET-04	Lintel Rack	A
	COM-DET-05	Site Security	A
	COM-DET-06	Electric Mains and Charging	B
	COM-DET-07	Electric Generator & Bunded Fuel Tank	A
	COM-DET-08	Flag Pole, Bin, Fire Trolley	-
	COM-DET-09	Smoke Shelter	B
	COM-DET-10	Timber Rack	A
MATERIAL STORAGE	COM-MS-01	Mortar Silo	A
	COM-MS-02	Recycling Skip	A
RDG ENGINEERING	5519-01-COMP-02-003	Plan & Lintle Rack	-
	5519-01-COMP-02-004	20x20 Compound Site - Elevations	-
	5519-01-COMP-02-007	Information & Details	-
	5519-01-COMP-02-008	Truss Storage Rack	-

Rev	Date	
B	25.09.19	Surfaces & Material Store layout updated

[illegible]



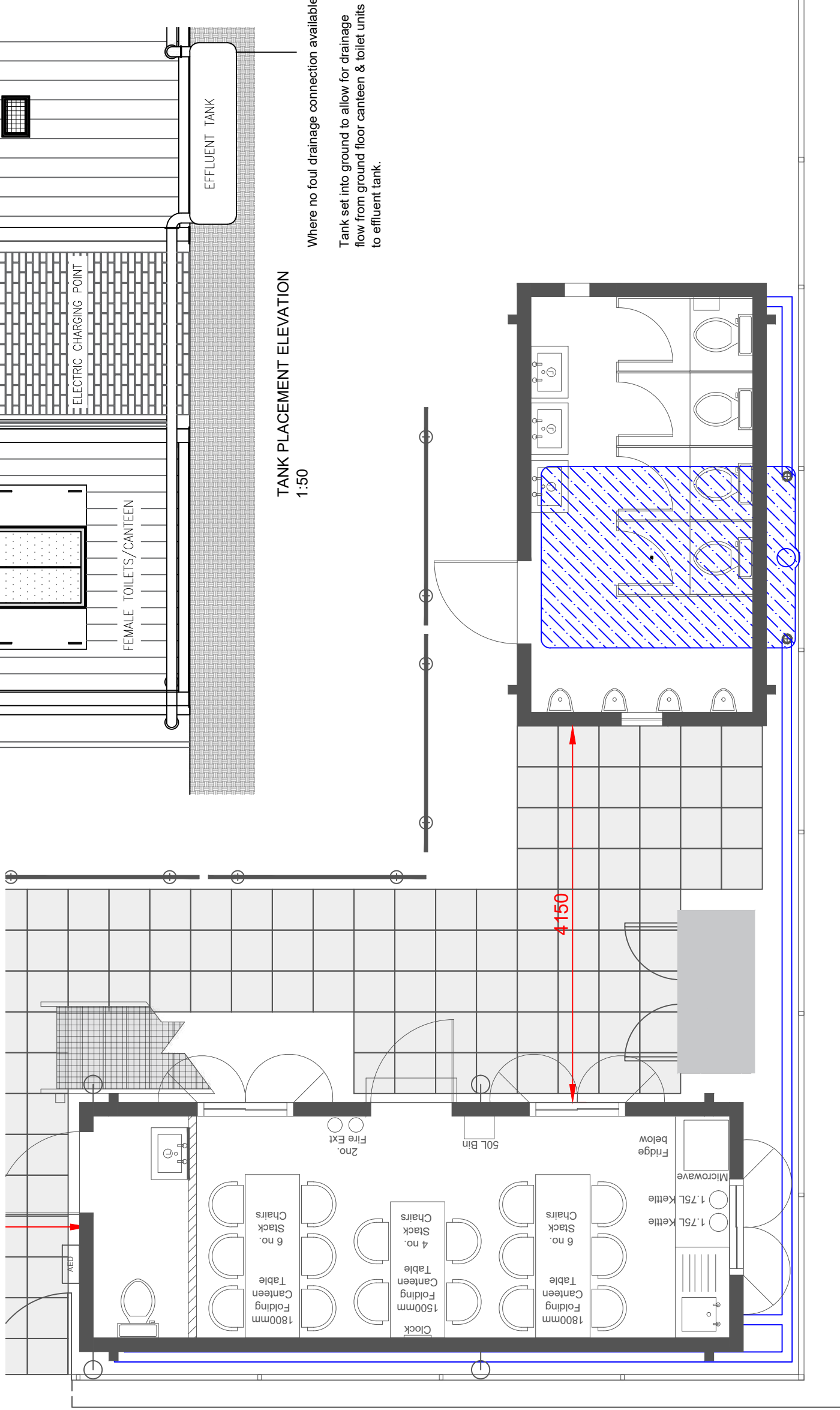


EFFLUENT TANK
H510 L2800 W2000
1892 Litre Capacity.



Where no foul drainage connection available.

Tank set into ground to allow for drainage flow from ground floor canteen & toilet units to effluent tank.



PLAN
1:50

Rev	Date	
-		

IMPORTANT HEALTH & SAFETY CONSIDERATION:

1. Contractor car park always located on site accommodation side of compound.
2. Bulk material storage (bricks & blocks) should always be on the none pedestrianised side of compound.
3. Working areas of compound to be vehicle access only, pedestrian zones denoted by paving slabs, separated from working area with demountable rail.

NOTES:

Basic principles of this site compound setup should be adhered to wherever possible.

Carpark, entrance junctions, footpaths and perimeter boundaries of compound and material storage shown in yellow to be 6F2 Crush.

Carpark Boundary to be Knee Rail at 600mm Height.

Units to be painted White



Drawing:

20x24m Compound Services Layout

Date: Oct 18

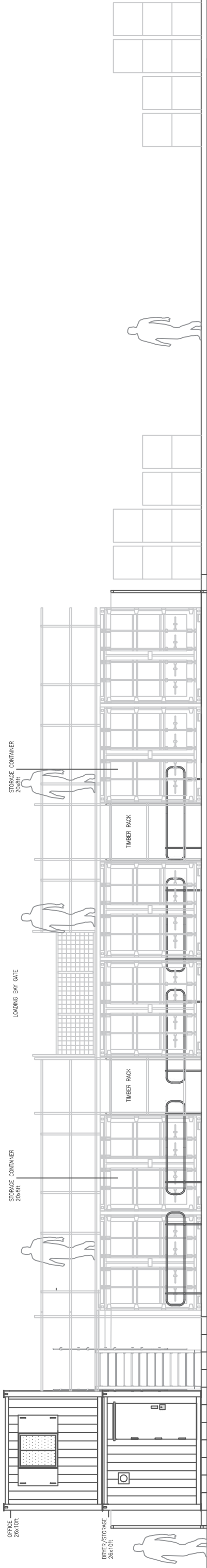
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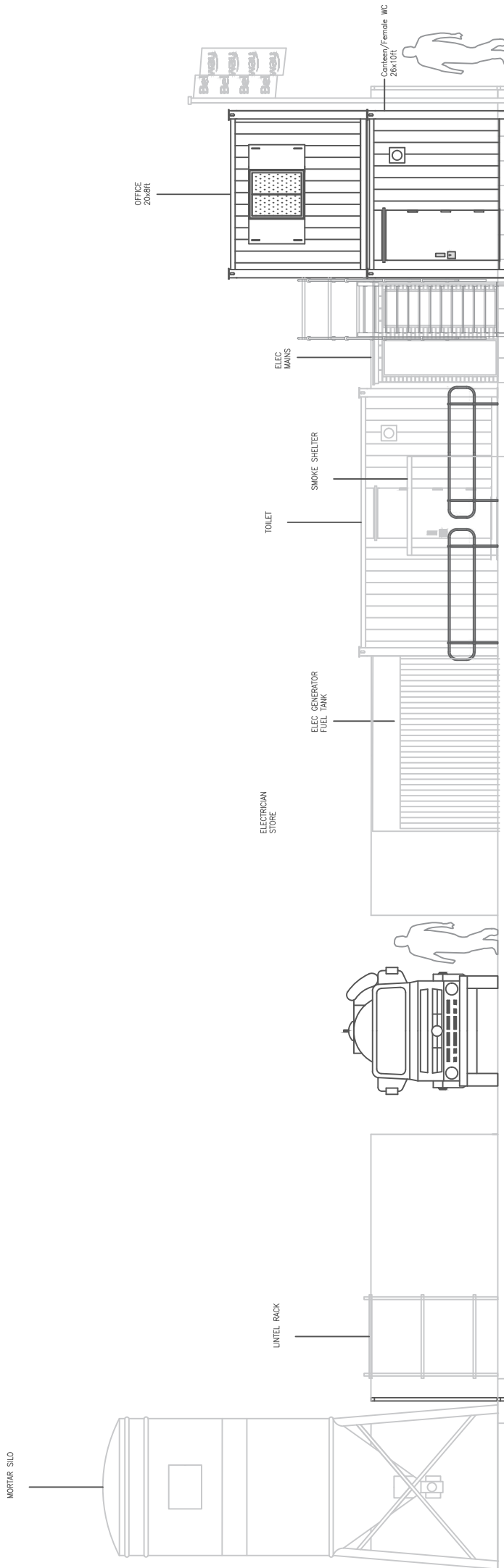
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Rev	Date
-	



SITE ELEVATION
1:100



SITE ELEVATION
1:100

IMPORTANT HEALTH & SAFETY CONSIDERATION:

1. Contractor car park always located on site accommodation side of compound.
2. Bulk material storage (bricks & blocks) should always be on the non pedestrianised side of compound.
3. Working areas of compound to be vehicle access only, pedestrian zones denoted by paving slabs, separated from working area with demountable rail.

NOTES:

Basic principles of this site compound setup should be adhered to wherever possible.

Carpark, entrance junctions, footpaths and perimeter boundaries of compound and material storage shown in yellow to be 6F2 Crush.

Carpark Boundary to be Kree Rail at 600mm Height.

Units to be painted White



Seaton Burn House, Dudley Lane, Seaton Burn
Newcastle-upon-Tyne, NE13 6BE
Tel: 0191 2170717 Fax: 0191 236230
www.bellway.co.uk

Drawing:

20x24m Compound
Site Elevations

Date: Oct 18

Scale: 1:100 @ A3

Drawn By: DL

Drg. No:

COM-2024-06

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Rev	Date
A	05/07/19

IMPORTANT HEALTH & SAFETY CONSIDERATION:

1. Contractor car park always located on site accommodation side of compound.
2. Bulk material storage (bricks & blocks) should always be on the none pedestrianised side of compound.
3. Working areas of compound to be vehicle access only, pedestrian zones denoted by paving slabs, separated from working area with demountable rail.

NOTES:

Basic principles of this site compound setup should be adhered to wherever possible.

Carpark, entrance junctions, footpaths and perimeter boundaries of compound and material storage shown in yellow to be 6F2 Crush.

Carpark Boundary to be Knee Rail at 600mm Height.

Units to be painted White

SCAFFOLD SCHEDULE

20X24M COMPOUND

6 Containers & 2 Timber Store

- | | | |
|----|-----|---------------|
| 54 | No. | 5ft Scaffold |
| 10 | No. | 7ft Scaffold |
| 12 | No. | 14ft Scaffold |
| 23 | No. | 17ft Scaffold |
| 12 | No. | 20ft Scaffold |
| 06 | No. | 21ft Scaffold |
| 01 | No. | Loading Bay |

01 No. Monarflex Scaffold Clear 2x45m Roll
with Bellway Logo print



Example of Bellway Scaffold Sheet



BELLWAY plc

Seaton Burn House, Dudley Lane, Seaton Burn
Newcastle-upon-Tyne. NE13 6BE
Tel: 0191 2170717 Fax: 0191 236230
www.bellway.co.uk

Drawing:

20x24m Compound
Above Container Scaffolding

Date: Oct 18

Scale: 1:100 @ A3

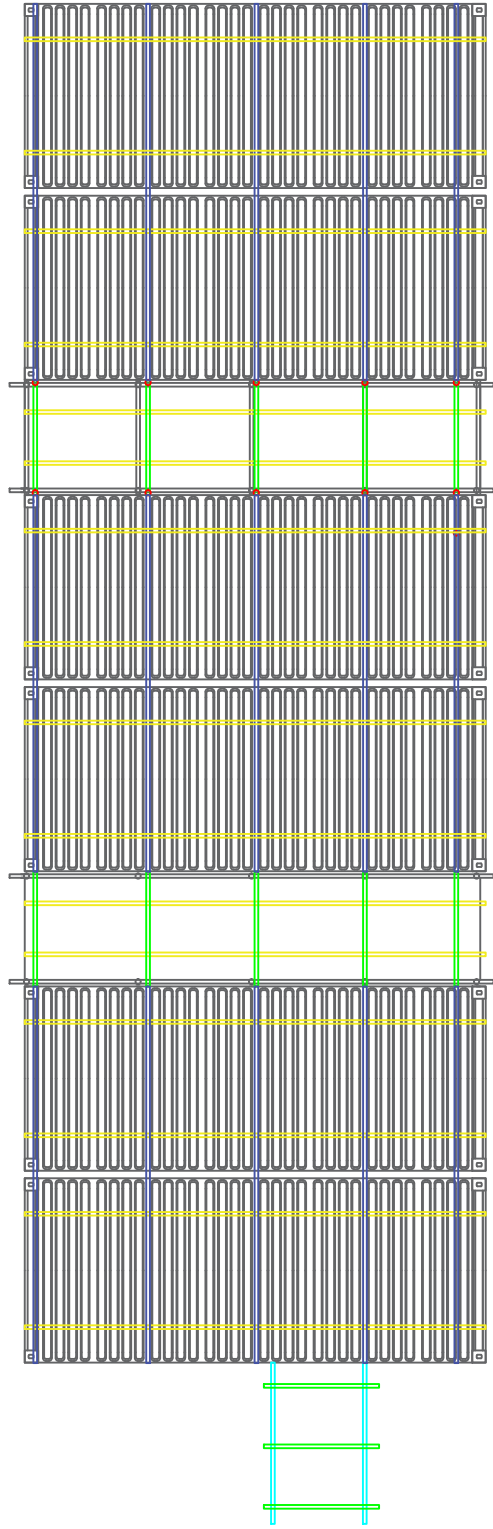
Drawn By: DL

Dra. No:

COM-2024-07

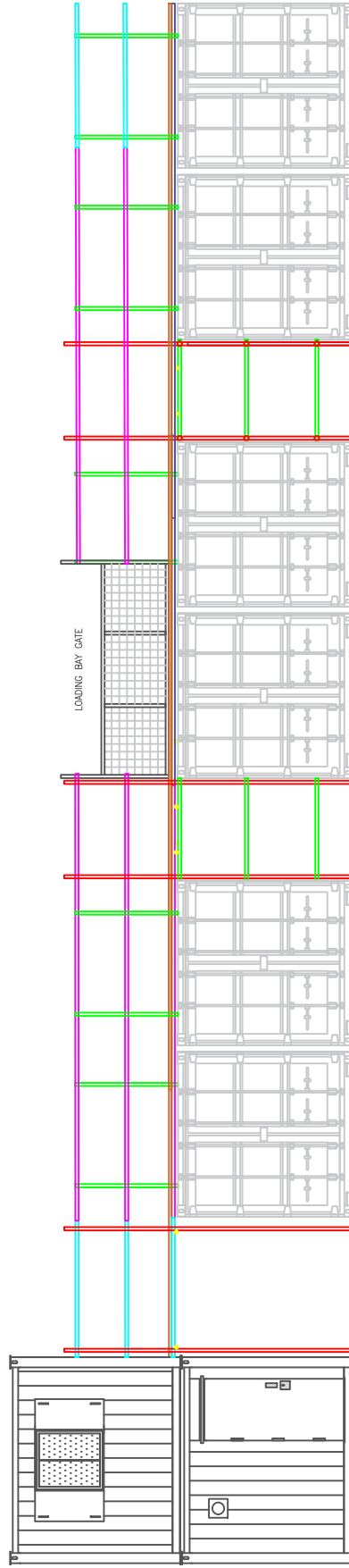
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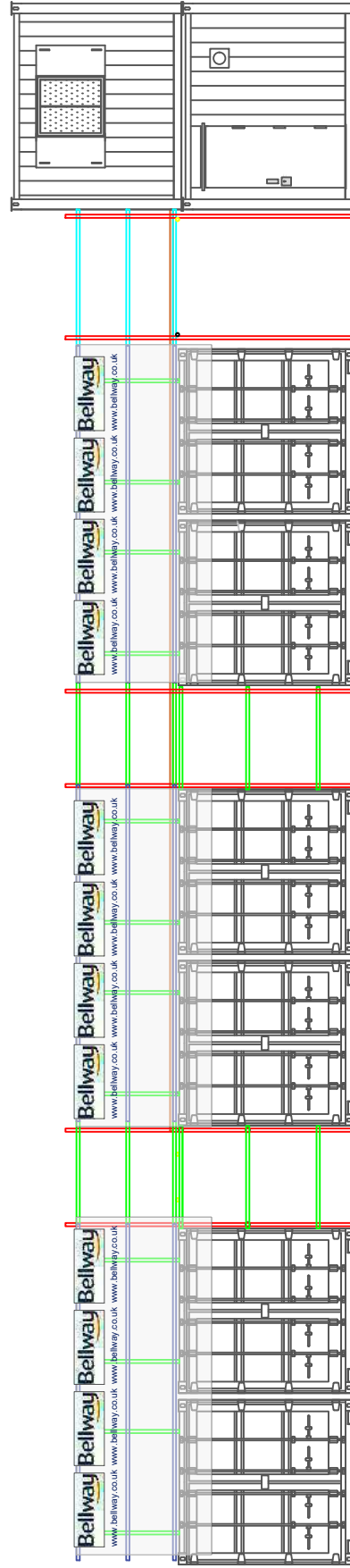
SCAFFOLD PLACEMENT

1:100



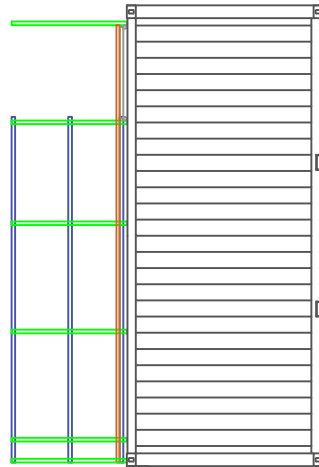
FRONT ELEVATION

1:100



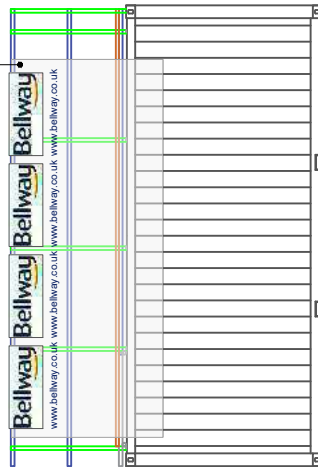
REAR ELEVATION

1:100



SIDE ELEVATION

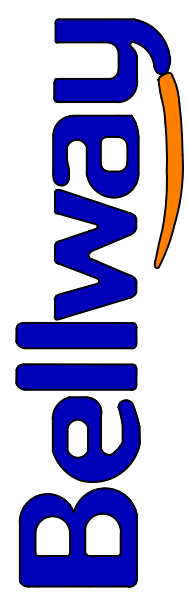
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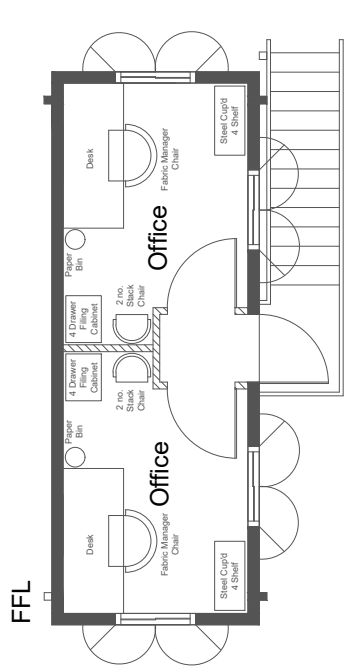
SIDE ELEVATION

1:100

Monarflex Scaffold Clear 2m x 5m
Sheet to be cut to 4no. lengths of 5m.
Sheeting fixed to scaffold with Monarflex Flexitie through Eyelets.

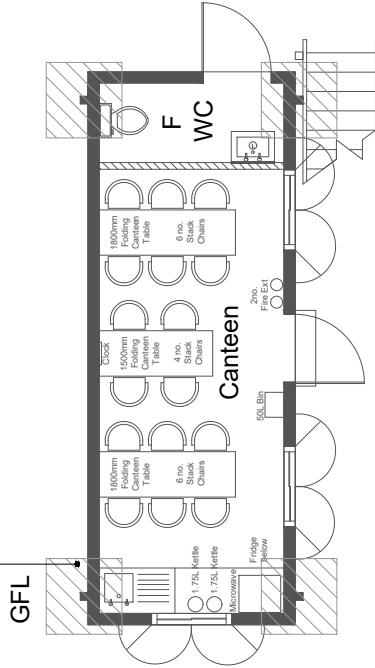


Container Units 2018

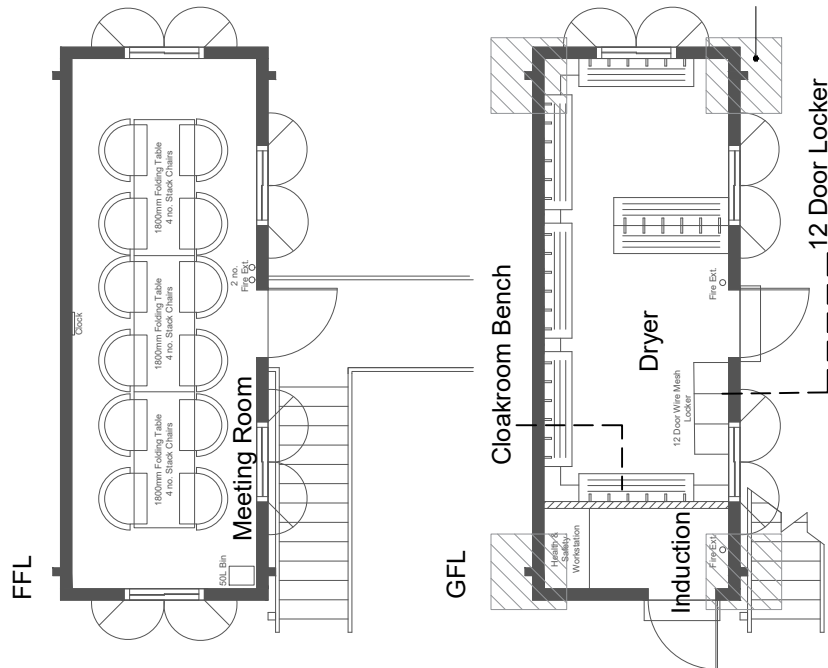


Example shows 1x1m Foundation pads beneath jack legs.

Pads only required if ground is uneven or incapable of withstanding the loads from the units, foundation pad size dependant on ground work calculations.

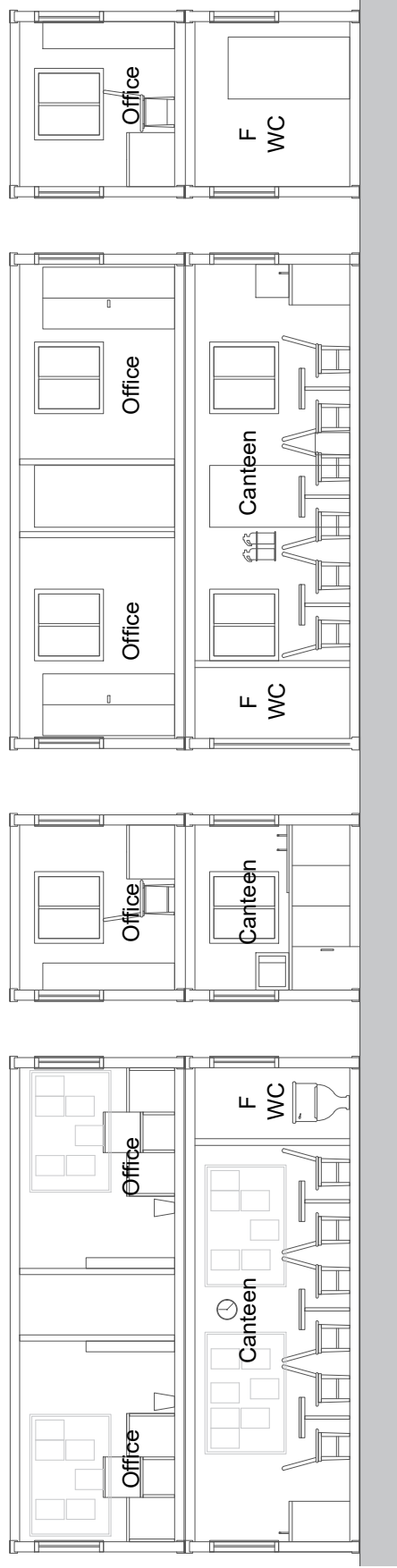


24 x 9ft - Canteen / WC & Office Unit Section



Example shows 1x1m Foundation pads beneath jack legs.

Pads only required if ground is uneven or incapable of withstanding the loads from the units, foundation pad size dependant on ground work calculations.



12 Door Wire Mesh Locker

Meeting Room

Meeting Room

Meeting Room

Induction

Driver

Induction

Driver

Induction

Dryer

Bellway
BELLWAY plc

BELLWAY plc

Seaton Burn House, Dudley Lane, Seaton Burn
Newcastle-upon-Tyne. NE13 6BE
Tel: 0191 2170717 Fax: 0191 236230
www.bellway.co.uk

Drawing:

24x9FT Container Units

Date: Oct 18

Scale: 1:50 @ A3

Drawn By: DL

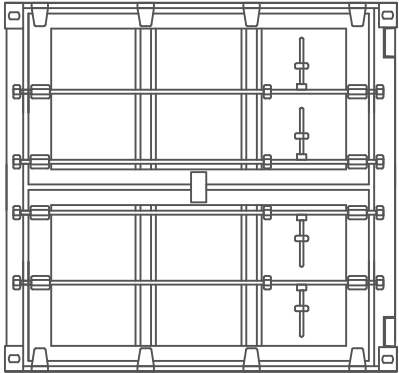
Dra No.

COM-UNIT-01

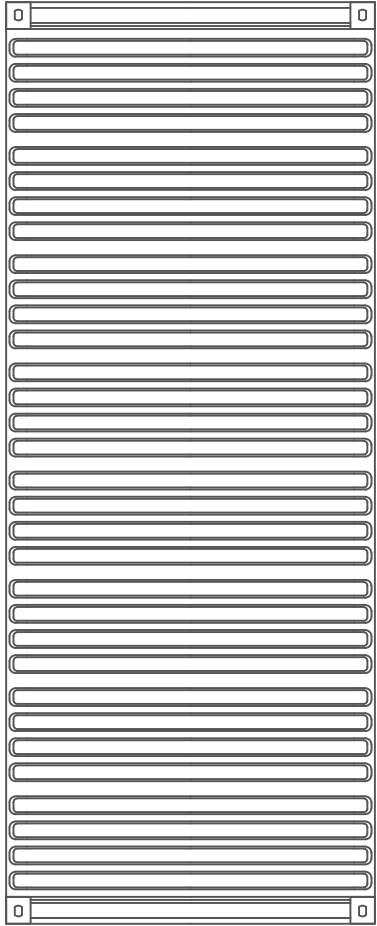
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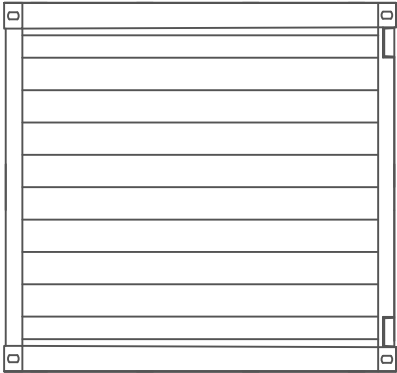
Rev	Date	
IMPORTANT HEALTH & SAFETY CONSIDERATION: 1. Contractor car park always located on site accommodation side of compound. 2. Bulk material storage (bricks & blocks) should always be on the none pedestrianised side of compound. NOTES: Basic principles of this site compound setup should be adhered to wherever possible.		
 BELLWAY plc Seaton Burn House, Dudley Lane, Seaton Burn Newcastle-upon-Tyne, NE13 6BE Tel: 0191 2170717 Fax: 0191 236230 www.bellway.co.uk		
Drawing:		
20x8ft Container Units		
Date: Oct 18	Drg. No:	
Scale: 1:50 @ A3	COM-UNIT-03	
Drawn By: DL		
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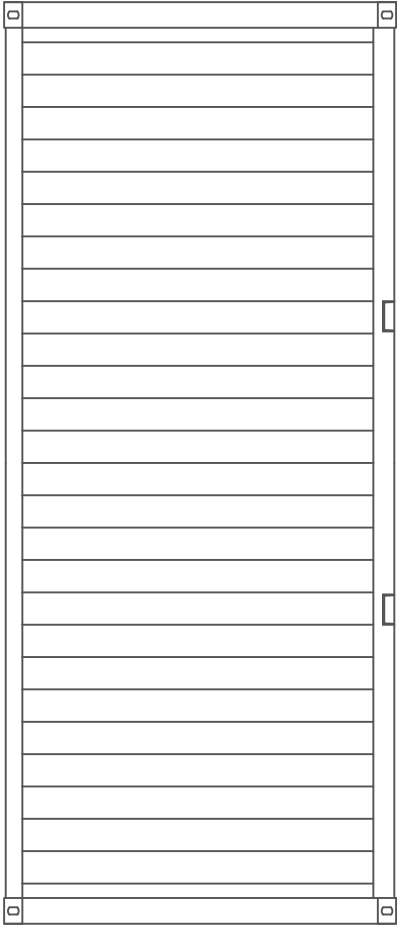
FRONT ELEVATION
1:50



TOP VIEW
1:50



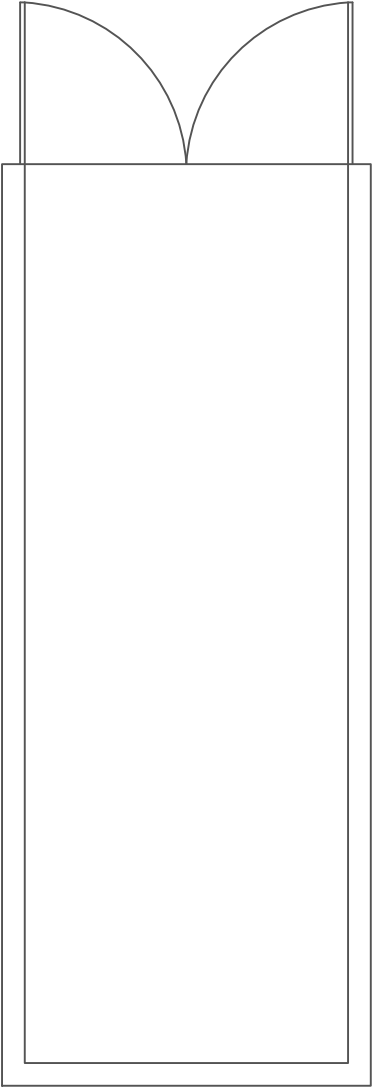
REAR ELEVATION
1:50



SIDE ELEVATION
1:50



20X8ft CONTAINER



PLAN
1:50

Rev	Date	Foundation placement and note added to drawing
A	05/07/19	

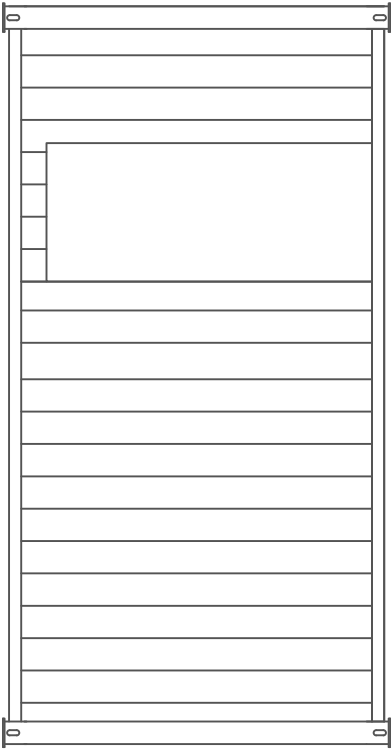
IMPORTANT HEALTH & SAFETY CONSIDERATION:

1. Contractor car park always located on site accommodation side of compound.

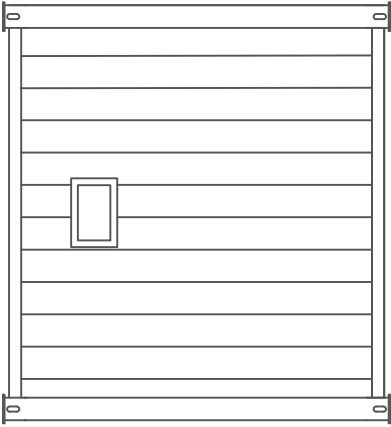
2. Bulk material storage (bricks & blocks) should always be on the none pedestrianised side of compound.

NOTES:

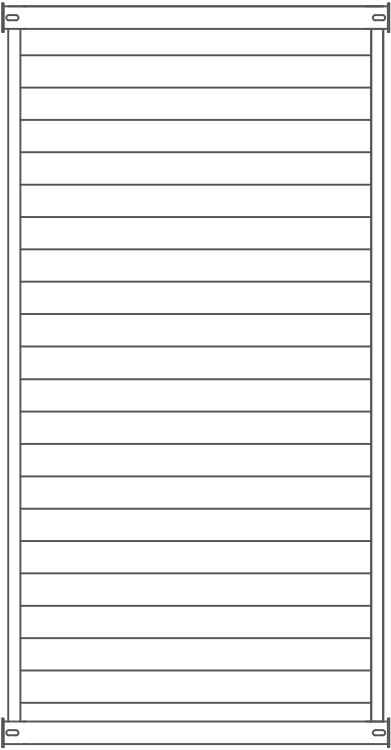
Basic principles of this site compound setup should be adhered to wherever possible.



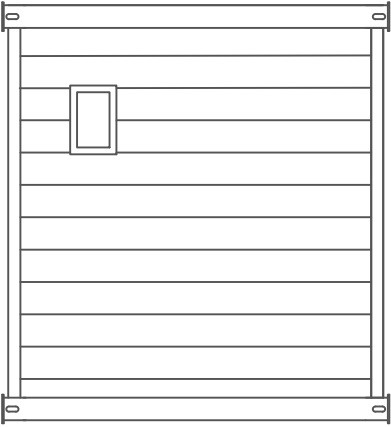
FRONT ELEVATION
1:50



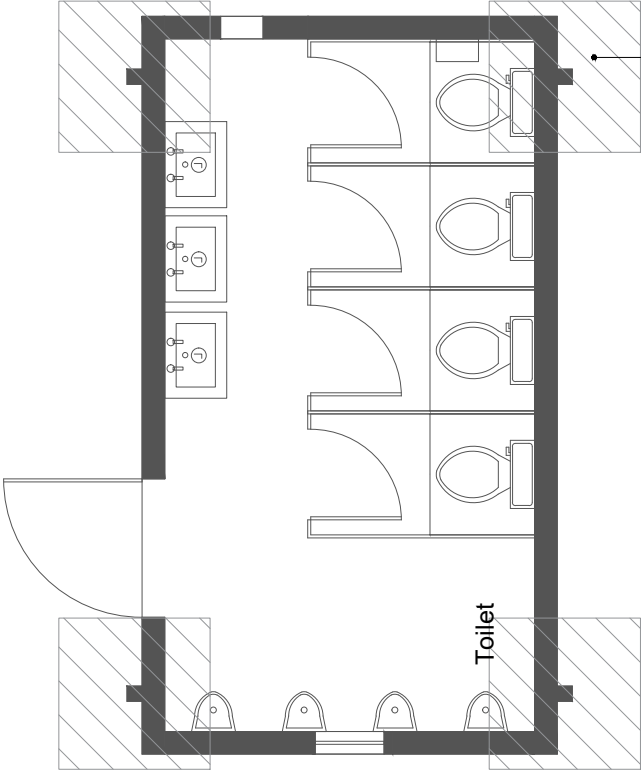
SIDE ELEVATION
1:50



REAR ELEVATION
1:50



SIDE ELEVATION
1:50



PLAN
1:50

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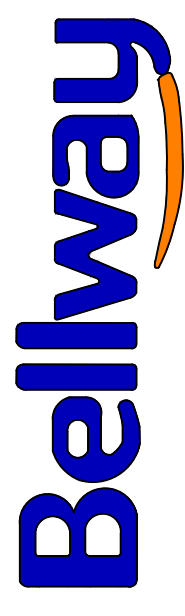
Drawing:

Toilet Unit 16 x 9ft

Date: Oct 18	Drg. No:
Scale: 1:50 @ A3	COM-UNIT-04
Drawn By: DL	

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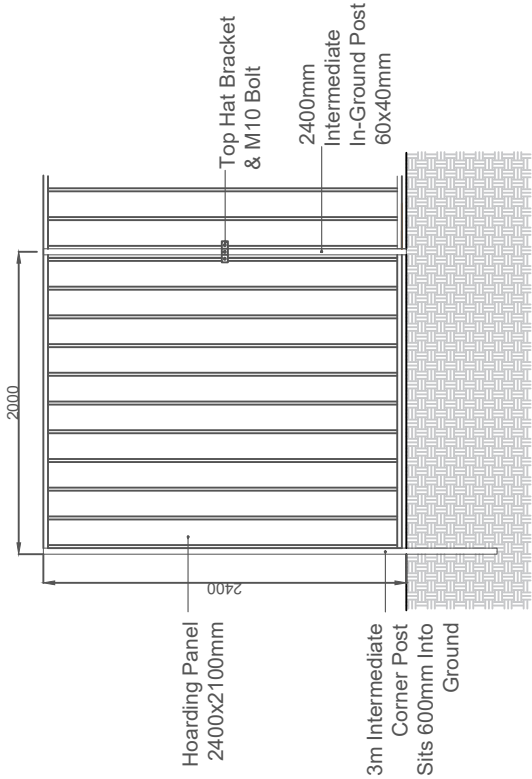
Copyright (c) Bellway plc



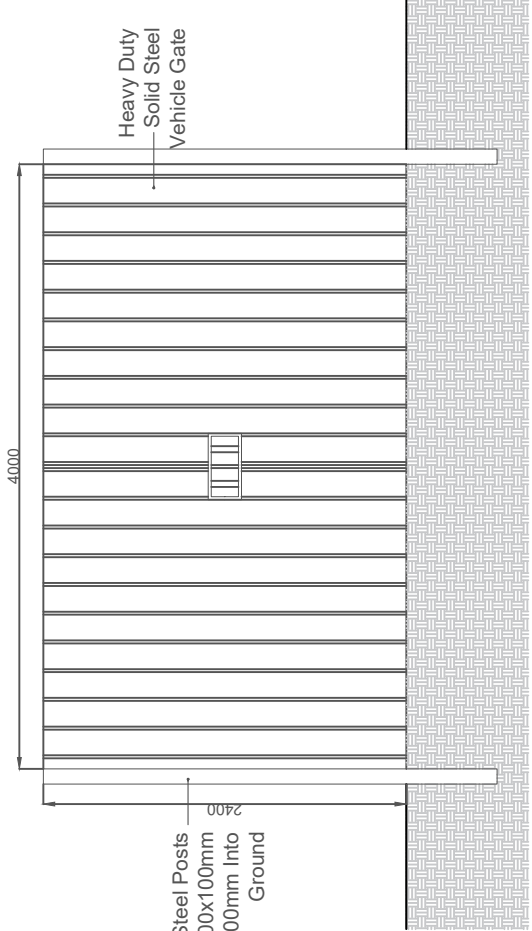
Compound Details 2018

Rev	Date	
IMPORTANT HEALTH & SAFETY CONSIDERATION: 1. Contractor car park always located on site accommodation side of compound. 2. Bulk material storage (bricks & blocks) should always be on the none pedestrianised side of compound. NOTES: Basic principles of this site compound setup should be adhered to wherever possible.		
COMPOUND FENCING SCHEDULE <u>20X20M COMPOUND</u> 39 No. Intermediate In-Ground Post 39 No. Top Hat Bracket & M10 Bolt 38 No. Hoarding Panel 01 No. Pedestrian Gate 01 No. 4M Vehicle Gate <u>20X24M COMPOUND</u> 43 No. Intermediate In-Ground Post 43 No. Top Hat Bracket & M10 Bolt 42 No. Hoarding Panel 01 No. Pedestrian Gate 01 No. 4M Vehicle Gate <u>24X24M COMPOUND</u> 47 No. Intermediate In-Ground Post 47 No. Top Hat Bracket & M10 Bolt 46 No. Hoarding Panel 01 No. Pedestrian Gate 01 No. 4M Vehicle Gate		
 BELLWAY plc Seaton Burn House, Dudley Lane, Seaton Burn Newcastle-upon-Tyne, NE13 6BE Tel: 0191 2170717 Fax: 0191 236230 www.bellway.co.uk		
Drawing:		
Compound Boundary Fencing		
Date: Oct 18	Drg. No:	
Scale: 1:50 @ A3	COM-DET-01	
Drawn By: DL		
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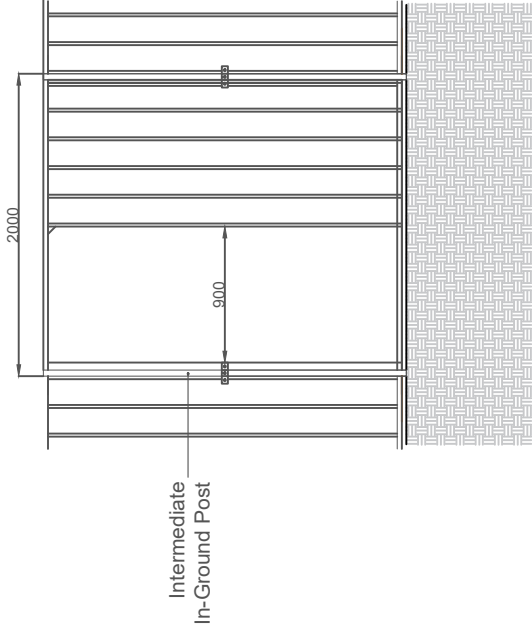
STEEL WALL HOARDING PANEL



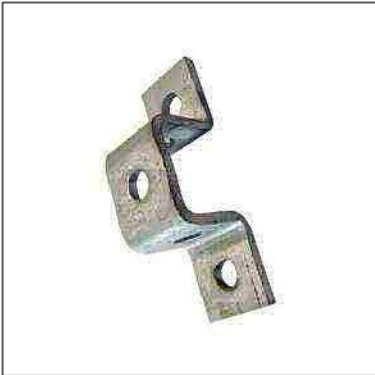
STEEL 4M VEHICLE GATE



STEEL WALL PEDESTRIAN DOOR PANEL



INTERMEDIATE POST



TOP HAT BRACKET



VEHICLE GATE



PEDESTRIAN DOOR PANEL

Rev	Date
-	

IMPORTANT HEALTH & SAFETY CONSIDERATION:

1. Contractor car park always located on site accommodation side of compound.
2. Bulk material storage (bricks & blocks) should always be on the none pedestrianised side of compound.

NOTES:

Basic principles of this site compound setup should be adhered to wherever possible.

CARPARK FENCING SCHEDULE

20X20M COMPOUND (31 PARKING SPACES)

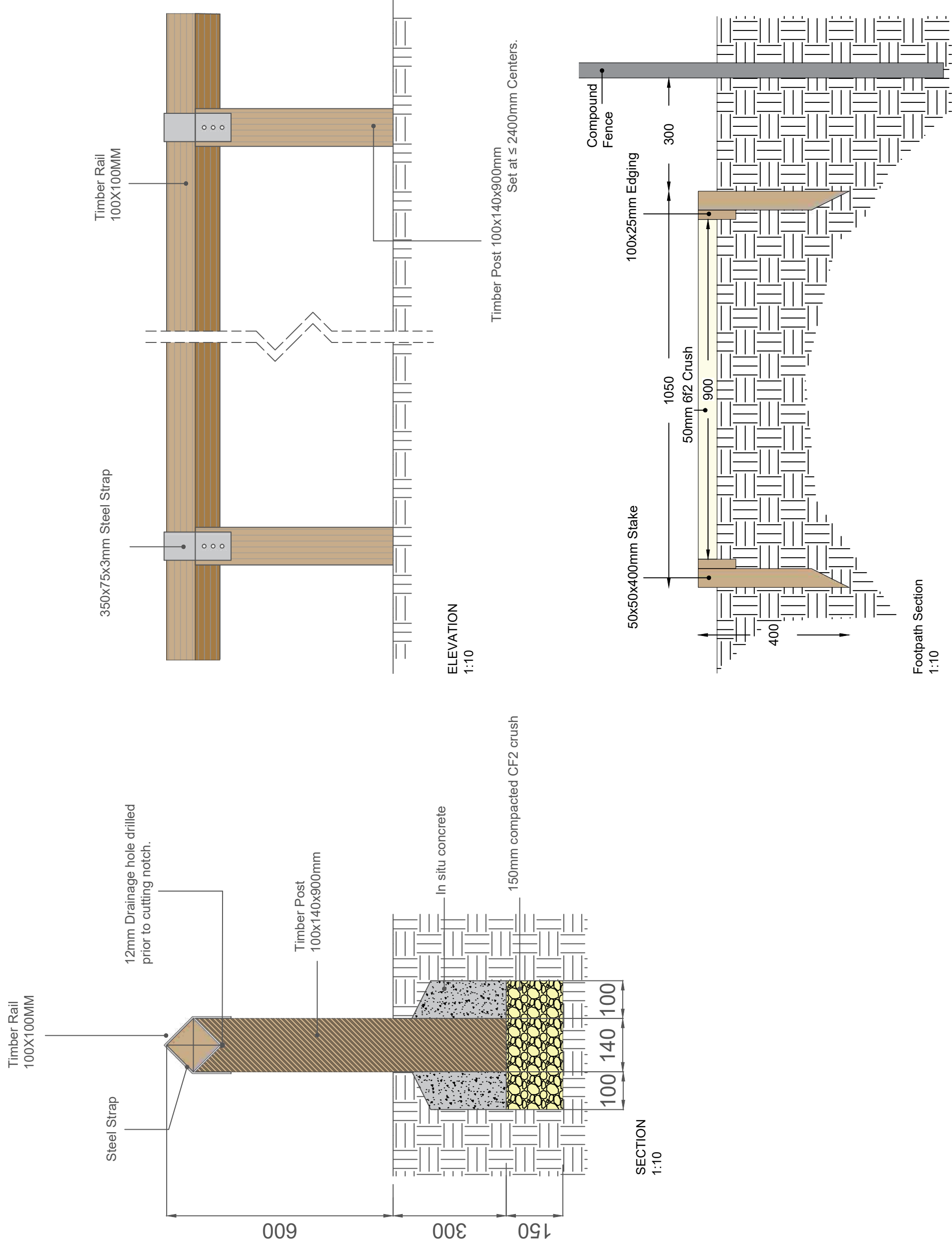
62No. Timber Posts
62No. Steel Straps
125m Timber Rail

20X24M COMPOUND (35 PARKING SPACES)

66No. Timber Posts
66No. Steel Straps
135m Timber Rail

24X24M COMPOUND (43 PARKING SPACES)

74No. Timber Posts
74No. Steel Straps
155m Timber Rail



Drawing:

Carpark Boundary & Footpaths

Date: Oct 18

Scale: 1:10 @ A3

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Rev	Date	
A	05-07-19	Detail amended to show scaffold end caps, schedule amended

IMPORTANT HEALTH & SAFETY CONSIDERATION:

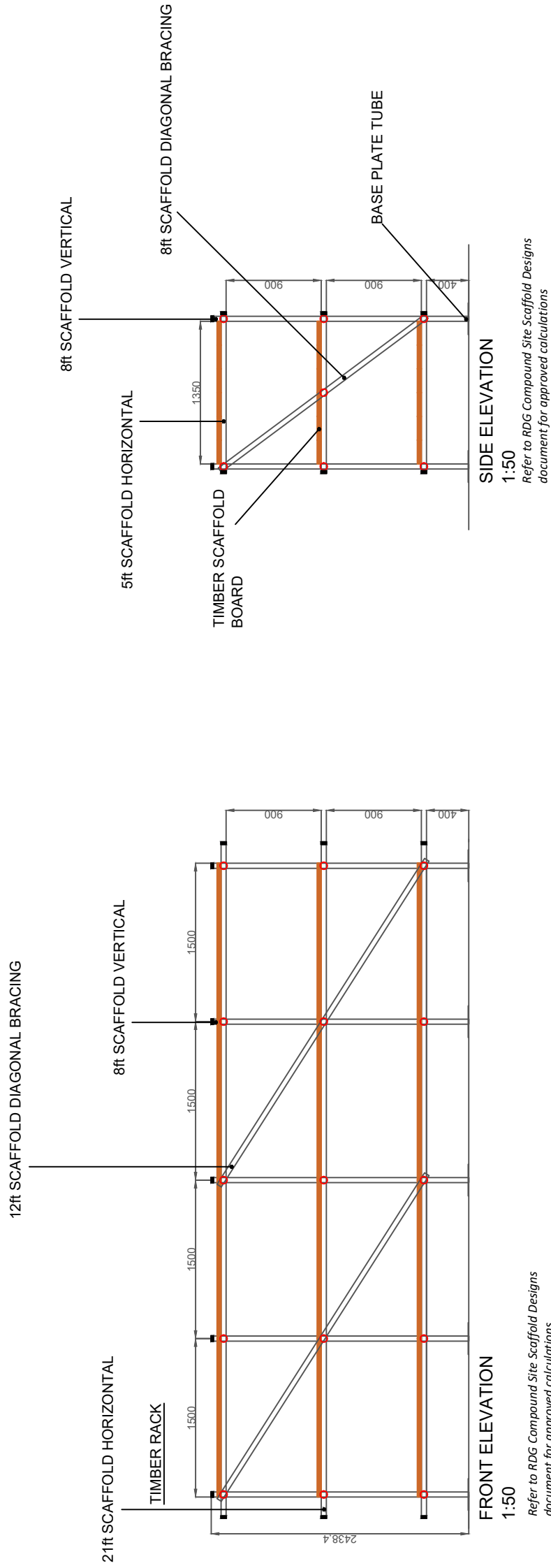
1. Contractor car park always located on site accommodation side of compound.
2. Bulk material storage (bricks & blocks) should always be on the none pedestrianised side of compound.

NOTES:

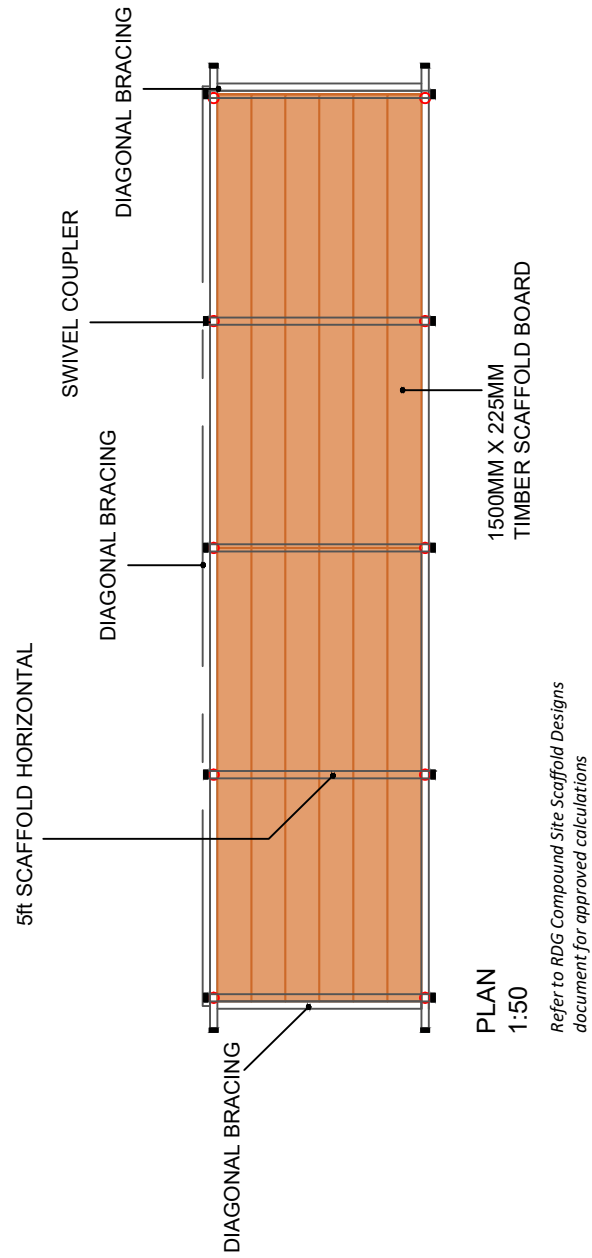
Basic principles of this site compound setup should be adhered to wherever possible.

LINTEL RACK SCHEDULE

- 10 No. 8ft Vertical Scaffold
- 06 No. 21ft Horizontal Scaffold
- 15 No. 5ft Horizontal Scaffold
- 02 No. 12ft diagonal Scaffold
- 02 No. 8ft Diagonal Scaffold
- 42 No. Swivel Couplers
- 36 No. 3000x225mm Scaffold Board
- 10 No. Base Plate Tube
- 22 No. Scaffold End Caps



LINTEL RACK



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Tel: 0191 2170717 Fax: 0191 2362230
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Drawing:

Lintel Rack

Date: Oct 18 Scale: 1:50 @ A3 Drawn By: DL	Drg. No: COM-DET-04
--	------------------------

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Rev		Date	Section Annotation updated
B		25.09.19	

Front

Side

Rear

Electric Charge Point

Electric Mains In

ELECTRIC CHARGING STORE PLAN

1:20

38x75mm Timber Post

38x75mm Timber Post

562

850

685

ELECTRIC CHARGING STORE ROOF STRUCTURE PLAN

1:20

ELECTRIC CHARGING STORE ROOF PLAN

1:20

ELECTRIC CHARGING STORE ELEVATIONS

1:50

ELECTRIC CHARGING STORE SECTION

1:20

IMPORTANT HEALTH & SAFETY CONSIDERATION:

1. Contractor car park always located on site accommodation side of compound.

2. Bulk material storage (bricks & blocks) should always be on the none pedestrianised side of compound.

NOTES:

Basic principles of this site compound setup should be adhered to wherever possible.

ELEC MAINS/CHARGING SCHEDULE

0.05m³ Concrete

12 No. 100x140mm Blocks

90 No. 100x215mm Blocks

02 No. Doors

5300MM Length Fascia Board

01 No. Consumer Unit

Roof

04 No. 38x75mm Timber (850mm Length)

09 No. 38x75mm Timber (562mm Length)

850x1750mm Ply Wood Sheet

850x1750mm Felt Covering

Shelves

08 No. 38x75mm Timber (745mm Length)

08 No. 38x38mm Timber (250mm Length)

08 No. 745x300mm MDF Board for Shelf

30 No. Double Sockets

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Drawing:

Electric Mains & Charging

Date: Oct 18

Scale: 1:50 @ A3

Drawn By: DL

Drg. No: COM-DET-06

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Rev	Date
A	05-07-19 Generator updated to 80kva

IMPORTANT HEALTH & SAFETY CONSIDERATION:

1. Contractor car park always located on site accommodation side of compound.
2. Bulk material storage (bricks & blocks) should always be on the none pedestrianised side of compound.

NOTES:

Basic principles of this site compound setup should be adhered to wherever possible.

20x24 COMPOUND SCHEDULE

- | | |
|--------|----------------------------------|
| 01 No. | 2000L Bundled Fuel Tank |
| 06 No. | Fence Post Shoe |
| 07 No. | Fence Post 1800mm |
| 50 No. | Feather Edge Poles 100x25x1800mm |
| 06 No. | 72x38x3000mm Fence Rail |
| 01 No. | Access Gate 890x1800mm |
| 01 No. | 600x300mm Access Panel |

BUNDED FUEL TANK

- 01 No. 2000L Bunded Fuel Tank
Nominal 2000 Litres
Length 1830mm
Width 1300mm
Height 1800mm
Footprint 1340x1230mm

ELECTRIC GENERATOR

- 01 No. QAS 80 Generator (Supplies 80kva for cabins)
01 No. Diesel Supply for Generator



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Newcastle-upon-Tyne. NE13 6BE
Tel: 0191 2170717 Fax: 0191 236230
www.bellway.co.uk

Drawing:

Electric Generator &
Bunded Fuel Tank

Date: Oct 18

Scale: 1:50 @ A3

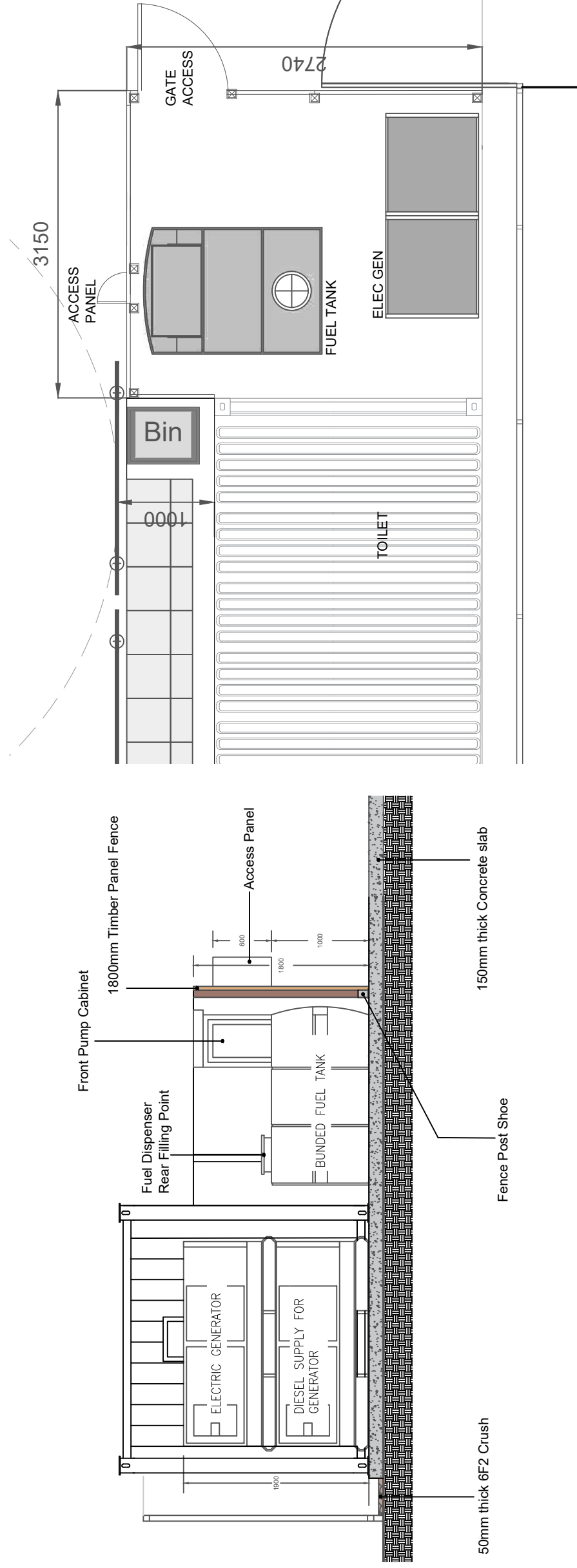
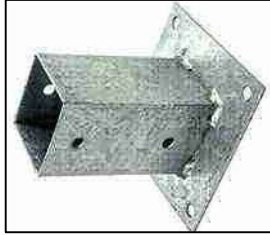
Drawn By: DL

Dra. No.:

COM-DET-07

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ELECTRIC GENERATOR & BUNDED FUEL TANK ELEVATION
1:50

ELECTRIC GENERATOR & BUNDED FUEL TANK
(20x24M COMPOUND)
1:50



BOOT WASH (1 BAY)



AED UNIT



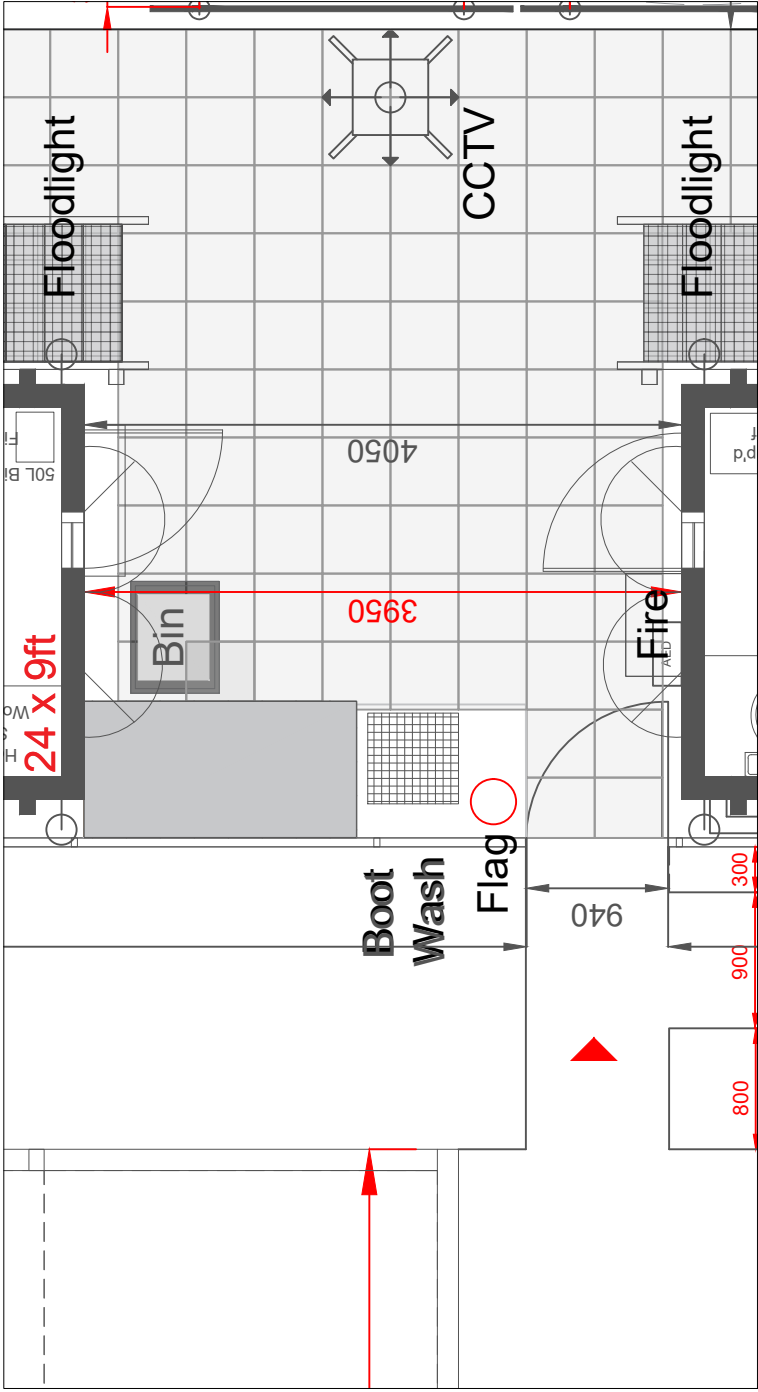
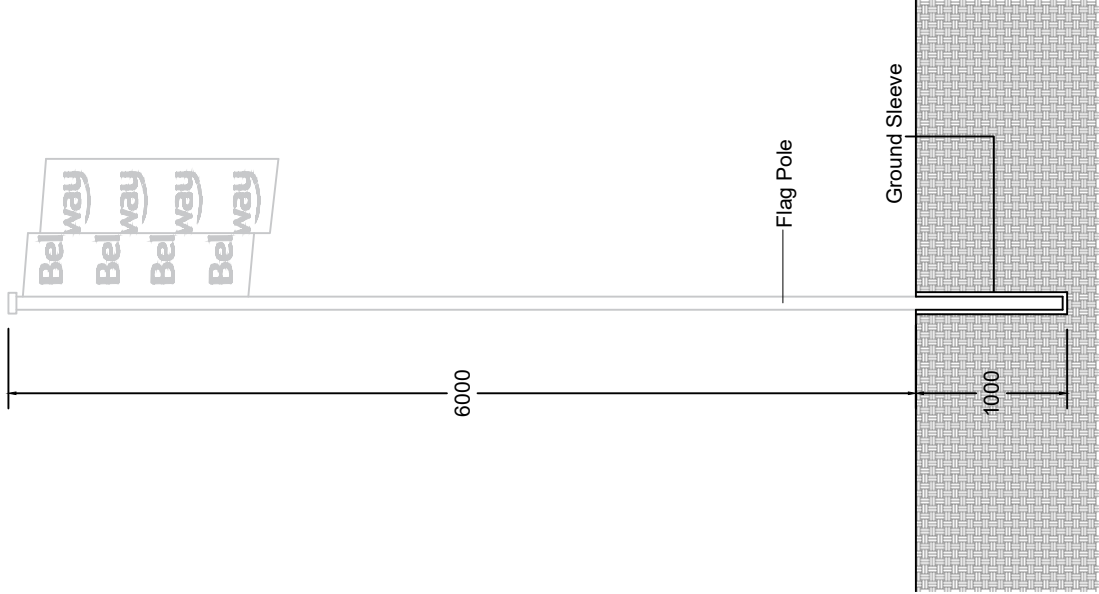
Fire Trolley



Bellway Flagpole



FLAG POLE GROUND SLEEVE



SCHEDULE

- 03 No. Wheelie Bins
- 01 No. Boot Wash
- 01 No. Flag Pole
- 01 No. AED Unit
- 01 No. Fire Trolley
- 75 No. Bricks
- 01 No. Boot Wash Grate
- 01 No. Tap
- 02 No. 7m Flag Pole 90mm Diameter
- 02 No. 1m Flag Pole Ground Sleeve
- 01 No. Bellway Flag
- 01 No. NHBC Flag

Boot Wash

- 75 No. Bricks
- 01 No. Boot Wash Grate
- 01 No. Tap

Flag Pole
Bellway & NHBC Flag

- 02 No. 7m Flag Pole 90mm Diameter
- 02 No. 1m Flag Pole Ground Sleeve
- 01 No. Bellway Flag
- 01 No. NHBC Flag



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Tel: 0191 2170717 Fax: 0191 236230
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Drawing:

Flag Pole, Bin, Fire Trolley

Date: Oct 18

Scale: 1:50 @ A3

Drawn By: DL

Drg. No:

COM-DET-08

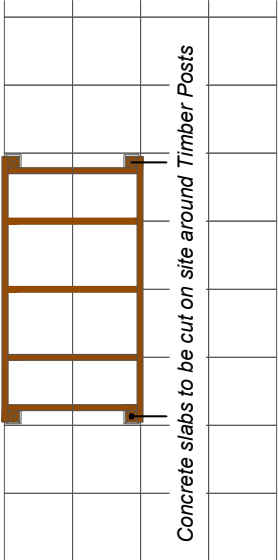
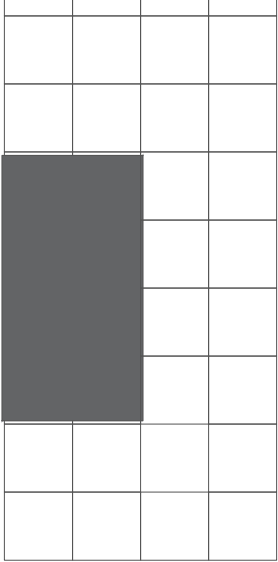
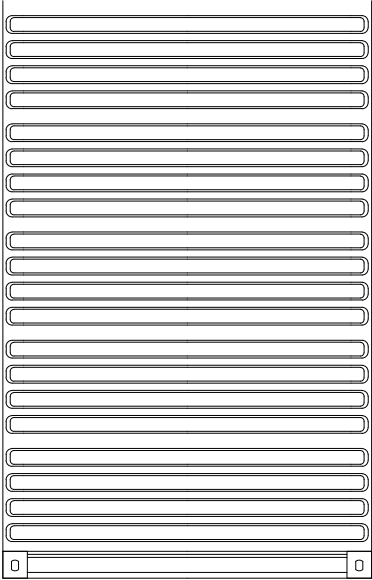
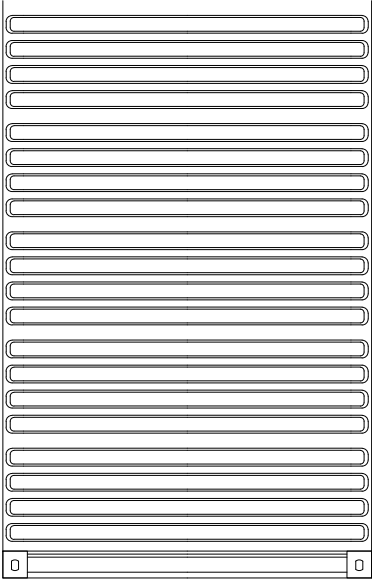
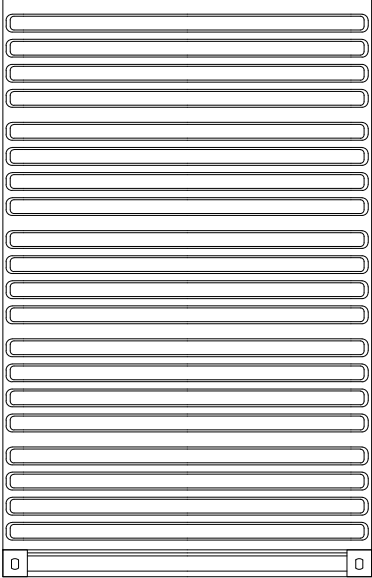
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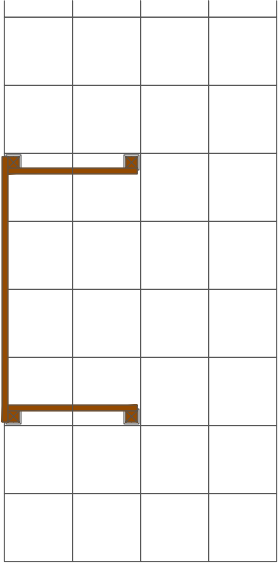
IMPORTANT HEALTH & SAFETY CONSIDERATION:
1. Contractor car park always located on site accommodation side of compound.
2. Bulk material storage (bricks & blocks) should always be on the none pedestrianised side of compound.

NOTES:

Basic principles of this site compound setup should be adhered to wherever possible.



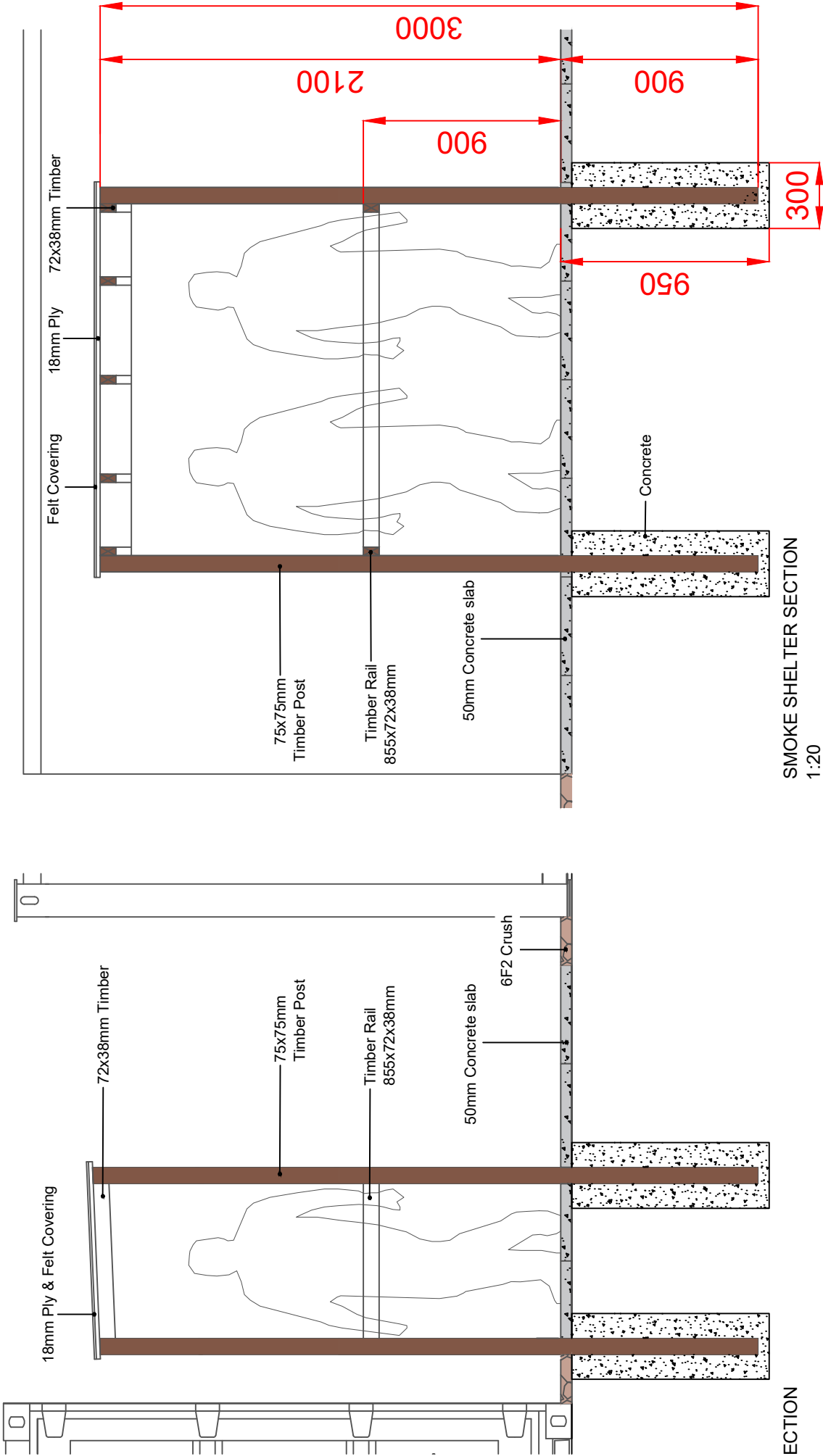
Concrete slabs to be cut on site around Timber Posts



SMOKE SHELTER ROOF PLAN
1:50

SMOKE SHELTER ROOF STRUCTURE PLAN
1:50

SMOKE SHELTER PLAN
1:50



SMOKE SHELTER SECTION
1:20

SMOKE SHELTER SECTION
1:20

21ft Scaffold

- [illegible]

224

[illegible]

- [illegible]

850

8ft Scaffold

4267

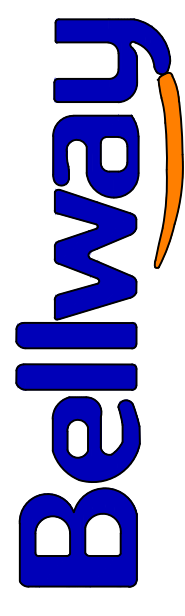
5ft Scaffold

TIMBER

STORE

Base Plate

TIMBER STORE ELEVATION Refer to RDG Compound Site Scaffold Designs document for approved calculations
1:50



Material Storage

2018

Rev	Date	Schedule amended specifying concrete type
A	05/07/19	

IMPORTANT HEALTH & SAFETY CONSIDERATION:
1. Contractor car park always located on site accommodation side of compound.
2. Bulk material storage (bricks & blocks) should always be on the more pedestrianised side of compound.

NOTES:
Basic principles of this site compound setup should be adhered to wherever possible.

EUROMIX SILO

33 Tonnes (each Silo) when full
Water & Power Max 5M from silo
Each Mixer piped directly from water storage tank.

EUROMIX SILO SCHEDULE

6000X3000X300mm Concrete Slab (RC35 Concrete with with A252 Mesh 5.4m³)
2 No. Euromix Silo
5 No. Red Kerb
4 No. White Kerb



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Newcastle-upon-Tyne, NE13 0BE
Tel: 0191 2170717, Fax: 0191 236230
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Drawing:

Mortar Silo

Date: Oct 18

Scale: 1:10 @ A3

Drawn By: DL

Drg. No:

COM-MS-01

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MORTAR SILO KERB

MORTAR SILO

Kerb (Painted alternative Red & White)

Concrete Slab

MORTAR SILO KERB
1:10

Where possible, space provided for additional silo to facilitate a changeover.

6000x3000x300mm Concrete Slab

Kerb

ELEVATION
1:50

Silo
33 Tonnes

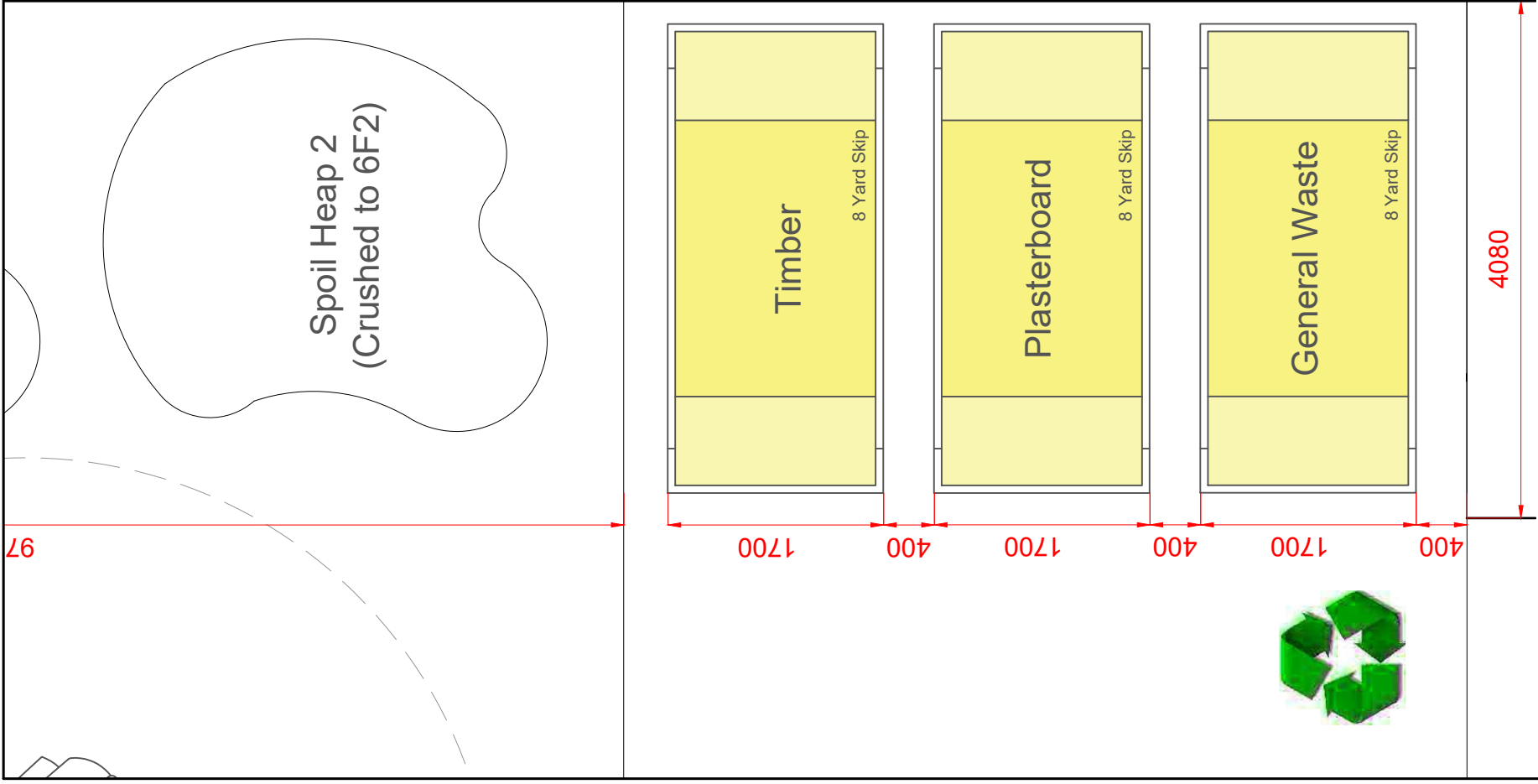
Mortar Tubs

Silo
33 Tonnes

Mortar Tubs

Kerb

PLAN
1:50



Rev	Date
A	25.09.19
Material Store layout updated	

IMPORTANT HEALTH & SAFETY CONSIDERATION:

1. Contractor car park always located on site accommodation side of compound.

2. Bulk material storage (bricks & blocks) should always be on the none pedestrianised side of compound.

NOTES:

Basic principles of this site compound setup should be adhered to wherever possible.





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Drawing: Recycling Skip	
Date: Oct 18	Drg. No:
Scale: 1:10 @ A3	COM-MS-02
Drawn By: DL	

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