CONSTRUCTION METHODOLOGY



P113 – NEATH PORT TALBOT

RENAL DIALYSIS UNIT.

STATEMENT OF COMPLIANCE

It is Sandycroft's intention to deliver a scheme compliant with the Employers Requirements Document and in compliance with CDM Regulations 2015.

EXECUTION OF THE WORKS & UNDERSTANDING OF OUR RESPONSIBILITIES

It is the company's policy to ensure that its operations will be conducted in such a way as to ensure the Health, Safety & Welfare of its employees and any other persons who may be affected by their undertakings, as far as reasonable and practical.

In so doing, Sandycroft Projects intention will be to operate the construction site according to the guidance laid by the 'Considerate Construction Scheme', we will be implementing their recommendations wherever possible. We will be endeavouring to improve our approach to all aspects of the scheme including: 'Appearance', 'Community', 'Environment', Safety' and 'Workforce'

This statement should be read in conjunction with the prepared planning stage programme of works, the pre-planning issued drawings and all documents submitted within the CPH&S Plan.

Client FRESENIUS MEDICAL CARE.

Project: SCL Ref: P113

NPT DIALYSIS UNIT.

Location

Stationery House. Acacia Avenue, Baglan Moor, Neath Port Talbot. SA12 7DB

Date June 2024

Duration Commencement: December 2024

Completion:

October 2025

DESCRIPTION OF THE WORKS

The works relate to the partial demolition of an existing single storey, portal steel frame industrial unit, and its later brick built front office facilities. The clearance of the land and the creation of additional parking and soft landscaping areas. The refurbishment of the remaining building along with the recladding of the old steel frame will form the main building for a state-of-the-art renal dialysis unit. Surrounding car parks, amenity space and landscaping will all form part of the scheme.

PRE -CONSTRUCTION PLANNING & PREPARATION

Sandycroft Projects' intention is to have the procurement of key sub-contractors decided early, and that all planning and preparation for the project has input from all stake holders. We have already started early consultation with the approved building inspector in compliance with the proposed changes to the building safety act 2022. Initial notification to residential neighbours and visits to surrounding businesses have been undertaken, to ensure the general public are aware of the potential works, possible disruption and opportunities for involvement throughout the project.

MOBILISATION AND ENABLING WORKS

Following the placing of an official order with Sandycroft Projects, and under the terms set down by the planning authority, the making safe of existing services and demolition of the existing building, including the salvaging of the existing portal frame, foundations and concrete slab floor, which is to be utilised in the refurbished building.

Prior to a start on site all temporary services will be applied for, then existing services diverted away from the build area to the location of the construction site office and welfare provision. (This to be later read in conjunction with the CPH&S Plan and appendices for further details) A rigid fence line in excess of 2mtrs high to the front elevation will be erected, with a mix of solid panel and security fence to the remaining perimeter of the build site and compound area. Subsequent to detailed design and a successful planning application, a slightly altered traffic entry from Acacia Avenue may be formed as early as possible to aide in the receipt of deliveries onto the site without affecting the public thoroughfare.

TIMELINE	WORKS	RESOURCES/ NOTES
Weeks -4 – 0	Setting up of contractors' compound, welfare & parking areas. Installation of hoarding, survey and isolation of live services. Commence demolition of existing structure.	Safe Demolition. M&E contractors. Statutory Providers, Heavy Plant on site.
Weeks 1 - 4	Demolition continues. Site welfare installation, TBS established. Site engineering. Reducing levels, and grading of the entire site, removal of redundant vegetation from the build area, and the protecting of root zones of trees to be salvaged. Setting out for drainage.	Safe Demolition, Gibbons Plant Hire. Site engineer, arboriculturist, drainage design partner. Heavy Plant, & continuous lorry movements from site.

EXPECTED METHODOLOGY / TIMESCALES

llsandycroft

Weeks 5 - 8	Adaptations to the structural steel portal	Structural steel workers,
WEEKS J - O	frame forming 2 new gable ends. Perimeter	MEWPS, Diamond
	localized foundations for gable posts. Floor	drillers/sawyers Civils team
	slab sawing and excavations started on the	and plant.
	drainage works. Secondary steel	
	commenced.	
Weeks 9 - 12	Completion of secondary steel adaptations,	Civils Team, Cladding
	and commencement of roof and wall	Contractor. Site Plant &
	cladding.	MEWPS moving around
	Drainage works completed and back fill of	site. Concrete pours, HGV
	trenches/making good slab works underway.	access to be provided.
Weeks 13 - 16	Completion of the drain lines to a perimeter	Window procurement
	network of attenuation, new chambers and	completed and delivered.
	manholes. Cladding work to completion, start on fascia and trim finishes.	Cladding contractor, civils team. Plant & MEWPS on
	Windows and doors to be fitted to prepared	site.
	openings.	50.
Weeks 16 - 20	Installation of a suspended insulated fire	Engineer on site. Cladding
	ceiling to risk rooms, and setting out of the	contractor complete,
	internal walls. Construct walls, fire sealing at	window installer. Dry lining
	high level and making ready for M&E	company, MEWPS.
	containment.	
Weeks 21 – 25	Containment completed and large Mech	Heavy good deliveries,
	plant installed at high level. M&E first fix	M&E contractors, fire
	started. Pattresses fixed to walls and where	safety planning for
Weeks 26 - 30	possible start the 2 nd fix/boarding of partitions.	compartmentation.
Weeks 26 - 30	Internal of water treatment room completed	Specialist water treatment contractor & their plant.
	asap. Exterior wall lining underway, walls being closed up around M&E first fix coming	M&E, Plasterers.
	to an end. Plastering started and water	Civils team with bulk
	treatment pipework & first fix commenced.	aggregate deliveries
	External works continues with the completion	aggiogate deliveries
	of attenuation and perimeter curb lines &	
	footpaths.	
Weeks 31 - 35	Basic mist coating follows plastering and	Decorators & Joiners on
	internal joinery works commence. Fire door	site for first time, M&E
	installations are monitored & recorded, and	contractors, and stat
	2 nd fix M&E starts. Externals continue with final	authorities working to
	service connections and permeable base	completion. Civils team
	Course to roadways.	and tarmac crew on site.
Weeks 36 – 40	Civils works complete and landscaping	Landscaping contractor.
	continues to form the finished look of the site to include rain gardens and feature planting.	Signage to be agreed and installed. Initial snagging
	Signage installed. Internal decorations to	undertaken for quality
	completion and floorcovering underway.	control.
Weeks 41 – 45	Testing & commissioning of M&E services,	Specialist commissioners of
	water purity testing, and full snagging process	equipment & services,
	underway to completion. De-camp of site	O&M formulation. Welfare
	set-up and removal of any & all temp services	providers back on site.
	· · · ·	

llsandycroft

COMMISSIONING & HANDOVER:

An individual commissioning programme will be followed in order to ensure that all stake holders have the opportunity to view and comment on the process. We have dedicated a two-week period at the end of the project programme but can assure that our Quality Management System will be tracking the essential information, certification and product literature on a continual basis throughout the build. The commissioning programme will be agreed at construction phase, however a basic run down of events would be:

- The client along with their design team will be invited to 'Snag' the entire works, noting that this process would have already been undertaken by us, at least one week prior, in order to set expectations and ensure the project was on schedule.
- The testing and commissioning would be undertaken by the M & E specialist contractors and the M&E consultant (Hopkins Coates Ltd.)
- The main contractor would undertake to resolve all snag issues and liaise with the appointed building control officer to ensure the building receives a final 'Sign Off' prior to occupation.
- The design team members would be invited back to site for a final snag of the works, to ultimately check that all issues were resolved, and everything is working satisfactorily.
- The main contractor will collate and issue a digital file of 'As-Built' drawings subsequently followed up by the O & M building manual.
- Following a full builder and sparkle clean of the premises, the client will start to install furniture, equipment and group 3 items. Some on-site training and specialist equipment set-up may be undertaken.
- As Occupation starts to take place by the client, key members of the design team, client and the 'end-user' will be invited to attend demonstration days to make sure that stake holders are happy with the operation of their new asset.

llsandycroft