



FS 1013 Star Radcliffe Academy – Design and Access Statement

Star Radcliffe Academy – Temporary School

AHR Project number: 2023.00187

Report Number: FS1013-AHR-01-XX-T-A-XXXX

Revision: P01

Date: 03.08.23

Author: IK

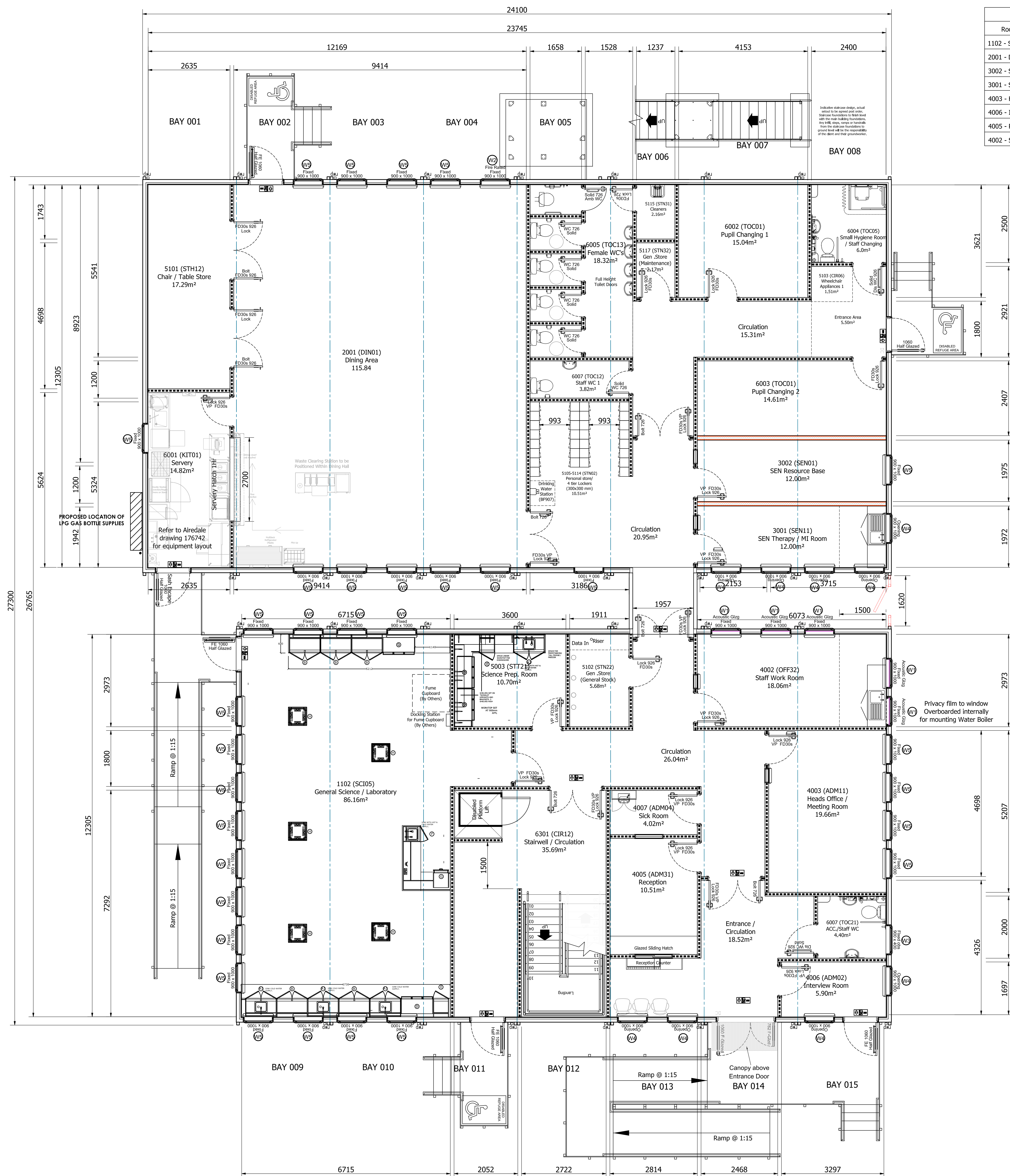
Client: Morgan Sindall

1.0 Use

This application is for a 150-place temporary secondary school building, associated external spaces and boundary treatments, which will be operated by Star Academies. It will be required during the construction of a permanent school building on the same site and is anticipated to be used for 2 academic years starting from September 2024. The permanent school building will be subject to a separate planning application.

2.0 Amount

The gross internal area of the proposed building is 1,183.5m² and accommodates a range of classrooms, staff and support spaces relating to the delivery of a year 7 secondary curriculum. The following building layouts show the disposition of rooms and room areas.



Room Occupancy	
Room ID	Occupancy
1102 - Science Classroom	30+1
2001 - Dining Hall	80
3002 - SEN resource base	3+1
3001 - SEN Therapy/MI room	1+1
4003 - Heads Office/Meeting	1 (6 Meeting)
4006 - Interview Room	3
4005 - Reception	2
4002 - Staff Workroom 2	8-10

FURNITURE KEY:

A - DOUBLE SINK BASE CUPBOARD WITH 1 FIXED SHELF,
NO CENTRE POST AND LOW LEVEL BACK, 1000mm
WIDTH, DEPTH & HEIGHT TO SUIT WORKTOP. 432mm
INTERNAL DEPTH

A1 & 2 - DOUBLE SINK BASE CUPBOARD WITH 1
ADJUSTABLE SHELF, 1000mm WIDTH, DEPTH & HEIGHT
TO SUIT WORKTOP. 432mm INTERNAL DEPTH

B - DOUBLE BASE CUPBOARD WITH 1 ADJUSTABLE SHELF, 1000mm WIDTH, DEPTH & HEIGHT TO SUIT WORKTOP. 432mm INTERNAL DEPTH

C - VERTICAL STORAGE UNIT, WITH 6 EQUAL SIZED BAYS. 1000mm WIDTH, DEPTH & HEIGHT TO SUIT WORKTOP

D - TRIPLE TRAY UNIT, INCLUDES 18NR SHALLOW GRATNELL TRAYS. 1042mm WIDTH, DEPTH & HEIGHT TO SUIT WORKTOP

E - SINGLE BASE CUPBOARD WITH 1 ADJUSTABLE SHELF,
500mm WIDTH, DEPTH & HEIGHT TO SUIT WORKTOP.
432mm INTERNAL DEPTH

F - SINGLE SINK BASE CUPBOARD WITH 1 ADJUSTABLE SHELF, 500mm WIDTH, DEPTH & HEIGHT TO SUIT WORKTOP. 432mm INTERNAL DEPTH

G - 4 DRAWER BASE UNIT, TOP DRAWER LOCKABLE.
500mm WIDTH, DEPTH & HEIGHT TO SUIT WORKTOP

H - SERVICE BOLLARD, 600MM WIDTH, 600mm DEPTH, 850mm HEIGHT. ALL FITTINGS TO BE WORKTOP MOUNTED. INCLUDES 4 TWIN GAS OUTLETS & 4 DOUBLE, 2 SINGLE PEDESTAL BOXES

-  BENCH MOUNTED BACK BOX FOR DATA
-  FIXED SWANNECK LAB TAP WITH REMOVABLE NOZZLE AND BACK FLOW PREVENTION SYSTEM
-  BENCH MOUNTED ELECTRICAL BOX. FACE PLATE BY OTHERS
-  BENCH MOUNTED DOUBLE GAS TAP

PARTITION KEY

① Type 'X' 5x10 120mm
(1x12.5 Plain Pile) + 1x5mm Vinyl Nagelade each
+ 90mm Steel Stud + Enhanced Insul)

② Type 'X' 5x10 145mm
(1x12.5 Plain Pile) + 1x5mm Vinyl Nagelade each
+ 90mm Steel Stud + Enhanced Insul)

ESCAPE SIGNAGE KEY

① PROGRESS FORWARD FROM HERE

② PROGRESS TO THE LEFT OF HERE

③ PROGRESS TO THE RIGHT OF HERE

④ PROGRESS DOWN TO THE RIGHT OF HERE

⑤ PROGRESS DOWN TO THE LEFT OF HERE

⑥ IN THE EVENT OF A FIRE ALARM TO BE POSITIONED NEXT TO FIRE ALARM BREAK GLASS UNITS (SEE BELOW)

ESCAPE SIGNAGE LOCATION

STATUTORY FIRE NOTICE (210mmx200mm)

FIRE ACTION

1 If you hear the fire alarm

2 If you see the fire alarm

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External Window Key

- Fixed Acoustic Window**
900x1200mm Window, Fixed light Clear Glazing to be 10.8mm lamm/12/6mm toughened with Acoustic tricle ventilation - SF Xtra sound attenuator vent 5000Pa w/ 75/15H sound attenuator 0006EA canopy 75
- Fixed Fire Rated Window**
900x1200mm Window, Fixed light Clear Glazing to be 60 min fire rated
- TOV High Dose Hurricane Window**
900x400mm Window, Full opening top hung light Clear Glazing to be 4mm Acoustic 20/40mm toughened with standard tricle ventilation
- Top Opening Vent Standard Window**
900x1000mm Window, TOV light Clear Glazing to be 4mm Float/20/40mm float with standard tricle ventilation
- Fixed Standard Window**
900x1200mm Window, Fixed light Clear Glazing to be 4mm Fixat/20/40mm float with standard tricle ventilation

C01	Room ID's updated as per current SAA's update for Construction	SRW	10/05/22	PAA
P09	Updated to include Value Engineering and accepted denigations	SRW	06/04/22	PAA
P06	Linkage likely needed to 1800mm as amend R. Opening windows to 1m lobby	SRW	10/03/22	PAA
P07	Removed window from dining hall to mid kitchen location	SRW	14/02/22	PAA
P06	Added window from staff workroom and drinking fountain moved outside dining hall	SRW	01/02/22	PAA
P05	Window to sensory moved and sensory hall width updated to suit agreed layout	SRW	20/01/22	PAA
P04	Verticals and AC removed from plan Added new internal corridor and exit walls	SRW	13/12/21	PAA
P03	Room labelled added Furniture added	SRW	09/11/21	PAA
P02	Windows update to Fixed, Tile block update	SRW	01/11/21	PAA
P01	First Issue			
REV		BY	DATE	CHK



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elliott - Modular Buildings, Manor Drive, Peterborough, PE4 7AP
Tel: 01753 298700 - Fax: 01753 298749

CLIENT

Bam Construction Ltd
Department of Education

PROJECT

Temporary School Accommodation
Heathside School
elliott Series 2000 - 2 Storey

TITLE

29 No. Bays (12.3 x 3.0m)
2.4m Ceiling Height
Ground Floor Plan Layout

SCALE	@ A0	1:50	ELLIOTT CONT. NO.	L21006
DATE	27/10/21		DRAWN BY SRW	CHECKED BY PA
STATUS	REV 1	REV COL	PURPOSE OF ISSUE Construction Issue	
PROJECT	ORIGINATOR	ZONE	LEVEL	ROLE NUMBER
F50588	ELL	Z	G	DR W - 0010

 BENCH MOUNTED DOUBLE GAS TAP

External Window Key

W1	900x1000mm Window, Fixed light Clear Glazing to be 10.8mm lam/12/6mm toughened with Acoustic triple ventilation - 5/10/10 sound attenuator with 5000EA vent 75/10 sound attenuator 5000EA canopy 75
W2	Fixed Fire Rated Window 900x1000mm Window, Fixed light Clear Glazing to be 60 min fire rated
W3	TOV High Level Obscure Window 900x400mm Window, Full opening top hung light Obscure Glazing to be 4mm Obscure 75/40mm toughened with Standard triple ventilation
W4	Top Opening Vent Standard Window 900x1000mm Window, TOV light Clear Glazing to be 4mm Fire/20/6mm Roat with Standard triple ventilation
W5	Fixed Standard Window 900x1000mm Window, Fixed light Clear Glazing to be 4mm Fire/20/6mm Roat with Standard triple ventilation

C02	Additional stool added to 1002 class Maths 2 as per updated acoustic assessment	SRW	10.06.22	PAA
C01	Room 10's update as per current SoA update for Construction	SRW	11.05.22	PAA
P08	Updated to include Value Engineering options and accepted derogations	SRW	06.04.22	PAA
P07	Linkway length increased to 1800mm as amend R. Opening windows to small Office	SRW	10.03.22	PAA
P06	Opening windows to General office and 2 junior office	SRW	25.2.22	PAA
P05	Glazed screen added adjacent to general office door.	SRW	01.12.21	PAA
P04	Ventilation & AC removed from plan Additional layer internal door to exit walls	SRW	13.12.21	PAA
P03	Room labels added, Furniture added	SRW	09.11.21	PAA
P02	Windows update to Fixed. Title block update	SRW	09.11.21	PAA
P01	First issue			
REV	DESCRIPTION	BY	DATE	CHK'D

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Elliott - Modular Buildings, Manor Drive, Peterborough, PE4 7AP
Tel: 01733 298700 - Fax: 01733 298749

CLIENT
Bam Construction Ltd
Department of Education

PROJECT
Temporary School Accommodation
Heathside School
Elliott Series 2000 - 2 Storey

TITLE 29 No. Bays (12.3 x 3.0m)
2.4m Ceiling Height
First Floor Plan Layout

SCALE @ A0		1:50		ELLIOTT CONT No.				L210062					
DATE		27/10/21		DRAWN BY		SRW		CHECKED BY		PAA			
STATUS A1		REV C02		PURPOSE OF ISSUE Construction Issue									
PROJECT		ORIGINATOR		ZONE		LEVEL		TYPE		ROLE		NUMBER	
FS0588 - ELL - ZZ - 01 - DR										W - 00102			

3.0 Layout

Site

The temporary accommodation for Star Academy Radcliffe has been thoughtfully planned to ensure a seamless transition while the main school building is under construction. The temporary accommodation building is situated north of the existing parking area off Spring Lane, providing easy access for staff, visitors, and pupils.

The existing car park has been retained to maintain sufficient parking space for the temporary facility. To facilitate smoother traffic flow, the access road has been widened to allow for two-way traffic, ensuring easy movement of vehicles in and out of the area.

Accessible bays have been thoughtfully located near the main entrance to the south of the temporary accommodation building. A designated drop-off area has been situated in the same location to allow for easy servicing to the kitchen, substation, and bin store.

The cycle parking area has been positioned to the east of the temporary accommodation building. This location offers passive supervision from staff offices, ensuring the security of bicycles and encouraging sustainable transportation options for staff and pupils.

Building

The simple building layout will serve the school population well and provides a logical sequence of spaces that are well proportioned and suitable for learning. The accessible entrance is well placed to aid wayfinding and leads to a welcoming reception area.

The ground floor contains areas for dining, pupil storage, changing rooms (for external sports) and a small amount of teaching space. The remaining teaching spaces are located on the first floor and accessed via a centrally located accommodation stair and lift.

4.0 Scale

Height to top of parapet - 6.4m (2 stories)

Overall width of frontage (east to west) - 24.1m

Length (north to south) - 27.3m

5.0 Appearance

Constructed from a volumetric modular system, the proposed building will come pre-finished with building mounted lighting, timber access ramps/ stairs and steel mesh to the base to prevent access to the void under the building.

External material finishes will include colour coated Plastisol steel cladding to external walls, double glazed UPVC windows units and a galvanized steel finish to the external covered escape stair.



Elevations

6.0 Landscaping

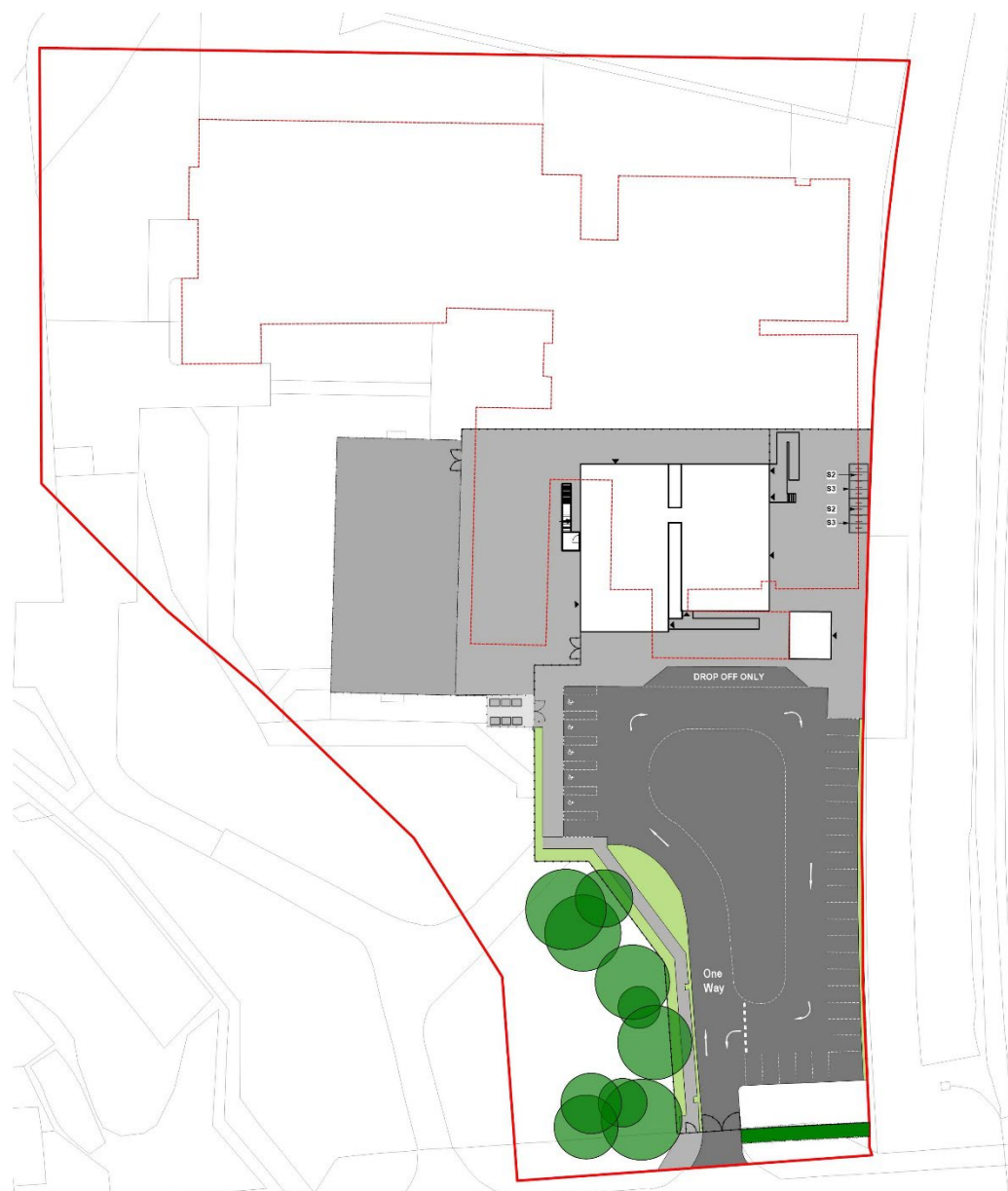
The landscape design development for the Star Academy Radcliffe Temporary School takes inspiration from the specific site conditions and project objectives, with the intent of creating a holistic school landscape that will deliver the best educational environment for the short term, in keeping with local surroundings.

A weldmesh security fence will be erected around the site and native hedgerow buffers will be established across the frontage serving as a natural barrier and habitat.

To manage stormwater effectively, the existing site drainage system will be utilised and repaired where required.

An outdoor tarmac hardcourt area is proposed to the west of the temporary accommodation. This space will provide students with opportunities for outdoor play and social interactions.

Adjacent to the outdoor play area, the existing Multi-Use Games Area (MUGA) is to be retained, providing additional recreational and sporting facilities for students during the temporary phase.



Site layout