Key

Contractor to supply and install new paladin fencing and gates, to match the existing, in accordance with NBS clause **Ss_25_14_67_51** and NBS clause **Ss_25_32_35_37** respectively. **CDP Item** - The contractor is responsible for the design and installation of all concrete foundations required to support the new fencing/gates Structural calculations will be required to support the design of the foundations.

Existing fence line / gates that are to be retained.

CDP Item - Contractor to be responsible for the design, supply and installation of the intercom system, access control system and automation of the new automated egress gate, including associated trenching, ducting, cabling and making-good works. Contractor to engage the school's incumbent access control contractor, ProTek Secure Systems Ltd, as a named subcontractor to complete the access control installation which shall be linked back to the main school reception and to the school's existing access control system.

Contractor to install new freestanding 'no-entry' signage, in accordance with NBS clause **Pr_40_10_77_72**. **CDP Item** - The contractor is responsible for the design and installation of all concrete foundations required to support the new signage. Structural calculations will be required to support the design of the foundations.

Contractor to install new freestanding directional arrow signage, in accordance with NBS clause **Pr_40_10_77_72**. **CDP Item** - The contractor is responsible for the design and installation of all concrete foundations required to support the new signage. Structural calculations will be required to support the design of the foundations.

New thermoplastic directional arrow road line markings (bus route) - Colour to be confirmed with the client

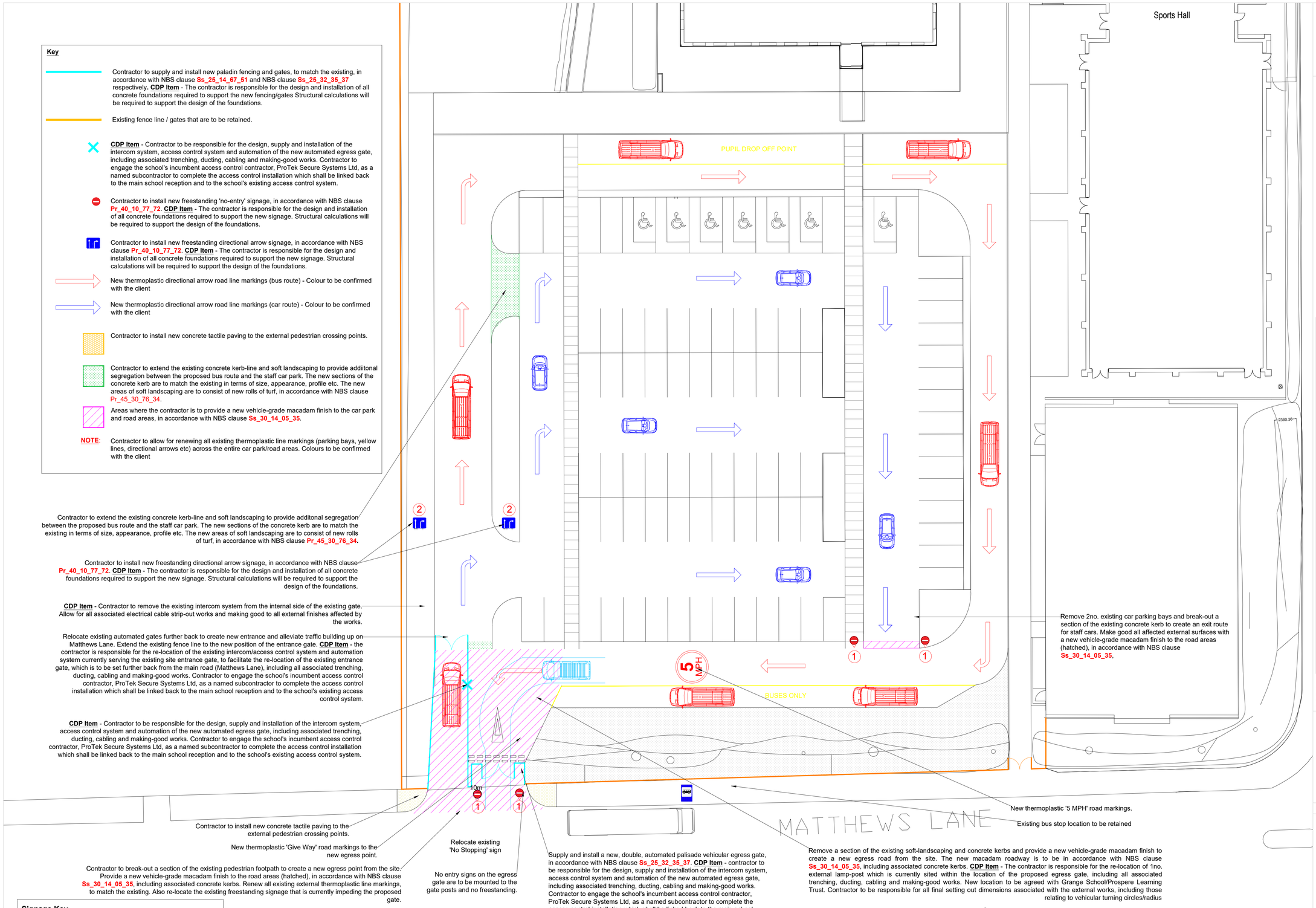
New thermoplastic directional arrow road line markings (car route) - Colour to be confirmed with the client

Contractor to install new concrete tactile paving to the external pedestrian crossing points.

Contractor to extend the existing concrete kerb-line and soft landscaping to provide additonal segregation between the proposed bus route and the staff car park. The new sections of the concrete kerb are to match the existing in terms of size, appearance, profile etc. The new areas of soft landscaping are to consist of new rolls of turf, in accordance with NBS clause **Pr_45_30_76_34**.

Areas where the contractor is to provide a new vehicle-grade macadam finish to the car park and road areas, in accordance with NBS clause **Ss_30_14_05_35**.

NOTE: Contractor to allow for renewing all existing thermoplastic line markings (parking bays, yellow lines, directional arrows etc) across the entire car park/road areas. Colours to be confirmed with the client



Contractor to extend the existing concrete kerb-line and soft landscaping to provide additonal segregation between the proposed bus route and the staff car park. The new sections of the concrete kerb are to match the existing in terms of size, appearance, profile etc. The new areas of soft landscaping are to consist of new rolls of turf, in accordance with NBS clause **Pr_45_30_76_34**.

Contractor to install new freestanding directional arrow signage, in accordance with NBS clause **Pr_40_10_77_72**. **CDP Item** - The contractor is responsible for the design and installation of all concrete foundations required to support the new signage. Structural calculations will be required to support the design of the foundations.

CDP Item - Contractor to remove the existing intercom system from the internal side of the existing gate. Allow for all associated electrical cable strip-out works and making good to all external finishes affected by the works.

Relocate existing automated gates further back to create new entrance and alleviate traffic building up on Matthews Lane. Extend the existing fence line to the new position of the entrance gate. **CDP Item** - the contractor is responsible for the re-location of the existing intercom/access control system and automation system currently serving the existing site entrance gate, to facilitate the re-location of the existing entrance gate, which is to be set further back from the main road (Matthews Lane), including all associated trenching, ducting, cabling and making-good works. Contractor to engage the school's incumbent access control contractor, ProTek Secure Systems Ltd, as a named subcontractor to complete the access control installation which shall be linked back to the main school reception and to the school's existing access control system.

CDP Item - Contractor to be responsible for the design, supply and installation of the intercom system, access control system and automation of the new automated egress gate, including associated trenching, ducting, cabling and making-good works. Contractor to engage the school's incumbent access control contractor, ProTek Secure Systems Ltd, as a named subcontractor to complete the access control installation which shall be linked back to the main school reception and to the school's existing access control system.

Remove 2no. existing car parking bays and break-out a section of the existing concrete kerb to create an exit route for staff cars. Make good all affected external surfaces with a new vehicle-grade macadam finish to the road areas (hatched), in accordance with NBS clause **Ss_30_14_05_35**.

New thermoplastic '5 MPH' road markings.

Existing bus stop location to be retained

Contractor to install new concrete tactile paving to the external pedestrian crossing points.

New thermoplastic 'Give Way' road markings to the new egress point.

Contractor to break-out a section of the existing pedestrian footpath to create a new egress point from the site. Provide a new vehicle-grade macadam finish to the road areas (hatched), in accordance with NBS clause **Ss_30_14_05_35**, including associated concrete kerbs. Renew all existing external thermoplastic line markings, to match the existing. Also re-locate the existing freestanding signage that is currently impeding the proposed gate.

Relocate existing 'No Stopping' sign

No entry signs on the egress gate are to be mounted to the gate posts and no freestanding.

Supply and install a new, double, automated palisade vehicular egress gate, in accordance with NBS clause **Ss_25_32_35_37**. **CDP Item** - contractor to be responsible for the design, supply and installation of the intercom system, access control system and automation of the new automated egress gate, including associated trenching, ducting, cabling and making-good works. Contractor to engage the school's incumbent access control contractor, ProTek Secure Systems Ltd, as a named subcontractor to complete the access control installation which shall be linked back to the main school reception and to the school's existing access control system.

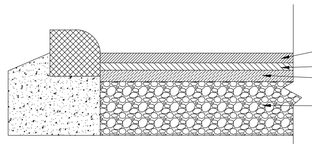
Remove a section of the existing soft-landscaping and concrete kerbs and provide a new vehicle-grade macadam finish to create a new egress road from the site. The new macadam roadway is to be in accordance with NBS clause **Ss_30_14_05_35**, including associated concrete kerbs. **CDP Item** - The contractor is responsible for the re-location of 1no. external lamp-post which is currently sited within the location of the proposed egress gate, including all associated trenching, ducting, cabling and making-good works. New location to be agreed with Grange School/Prospere Learning Trust. Contractor to be responsible for all final setting out dimensions associated with the external works, including those relating to vehicular turning circles/radius

Signage Key

1 No entry sign

2 Directional Arrows

Forwards For Buses / Right Turn For Staff & Visitor Parking



TARMAC CONSTRUCTION DETAIL

30mm dense bitumen surface course with 10mm aggregate to BS-EN 13108

60mm dense bitumen binder course with 20mm aggregate to BS-EN 13108

70mm dense bitumen road base with 32mm aggregate to BS-EN 13108

150mm DOT Type 1 sub-base to be compacted in accordance with Specification For Highway Works (SFHW). On 350mm 6F2 Capping Layer.

1 layer of Tensar bi-axial geogrid SS40 at base of capping layer

AA PROJECTS

DELIVERING EXCELLENCE WITH DREES & SOMMER

Notes:

This drawing is to be read in conjunction with all other AAP and Structural Engineer's drawings/specifications.

The contractors to ensure work areas are segregated with appropriate fencing, sheeting and signage to prevent unauthorised access. All site operatives to have enhanced DBS clearance. A 5mph speed limit will be imposed for all contractors vehicles. Deliveries to site must be between designated hours agreed with the school.

The Contractor is to secure and maintain the remainder of the site and compound for the duration of the works with Heras fencing, mechanically fixed to each other. The fencing line is shown indicatively to be agreed with the CA and school. Allow for suitable H&S. Costs to allow for maintenance during the works, removal upon completion and making good to all affected surfaces.

Site set up and compound to include; a self-serviced and self-contained site cabin complete with sanitary, welfare facilities (to include power, lighting and hot running water in both the sanitary and welfare areas) and drying room for the duration of the works. The welfare facilities must be sufficient in size to accommodate the likely number of operatives who will be on site on any one day and for the duration of the contract period. The Contractor must make available all welfare facilities to sub-Contractors during the course of the works. The Contractor must ensure suitable fire rated facilities are provided to take account of the site conditions and obtain all approvals from the Local Authority to install temporary site cabins.

The Contractor is to take pre-works dilapidation photos and ensure that all transport and compound locations are returned in a similar condition as pre-works.

Contractor to be responsible for all final setting out dimensions associated with the external works, including those related to vehicular turning circles.

SAFETY HEALTH AND ENVIRONMENT INFORMATION

In addition to the risks normally associated with the types of works involved in this project, please note the following risk information. Project specific S.H.&E. information is also given.

Risks here are not exhaustive and should be read in conjunction with CDM risk assessments/risk registers.

SAFETY HEALTH AND ENVIRONMENT INFORMATION

- All fire exits to the building are to be maintained for the duration of the works. The contractor should provide overhead protection as necessary.
- Vehicle movement and deliveries should not take place during periods where the external grounds are heavily trafficked.
- The premises will be occupied for the duration of the works and so the contractor must ensure that steps are taken to mitigate risks associated with this. Close communication between separate trades will be required at all times to ensure that the likelihood of associated accidents is mitigated.
- Any site vehicles / equipment should be secure at the end of each working day and when not in use.
- Ensure that the working areas are secure at all times and that materials, tools etc. are locked away when not in use. The working areas should be segregated by fully secured heras fencing / gates / scaffold sheets and appropriate H&S signage/barriers.
- Contractor to refer to the underground utility service drawing which has identified existing services/utilities running beneath the site. The contractor must ensure that none of these services are disturbed by the works.

CONSTRUCTION STAGES RISKS

- No individuals, other than those involved in the project, should be granted access to the working areas without supervision and a full site induction. Ensure that the site is fully secured at all times
- Please refer to risk assessments and the PCIP document for further information.
- Site Vehicle Movement/Equipment - Risks associated with collisions when transporting materials, tools etc. across site
- Material deliveries / vehicular movement - Collisions between vehicles and pedestrians
- Working at height - Falling from height
- Deliveries are to be coordinated with those of the school and also between different trades to ensure that there are no clashes.

AS BUILT/IN USE INFORMATION

For information relating to Use, Cleaning, and Maintenance.

See the Health and Safety File relating to the roofing works available on site.

Other previous job specific Health and Safety Files are available on site available from the site manager.

DISMANTLING/DEMOLITION INFORMATION

- All materials that are to be disposed of should be stored in lockable skips that are to be located within the contractor's compound.
- Please refer to all asbestos information, prior to the commencement of any demolition works.

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Rev	Date	Revision notes	By	Check
D	29.06.23	Amendment for planning/highways	IR	
C	18.05.23	Amendments to EV chargers	IR	
B	20.05.23	Amendments to asbestos notes	IR	
A	23.03.23	Amendments to EV charging bays.	CH	

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Client	Drawing Title
Prospere Learning Trust	Grange School Front Car Park

Project Title	Drawn	Date
Grange School External Car Park Works	IR	25/01/2023
	Checked: CH	Date: 25/01/2023

A1 | DWG No. 21238.002 | Scale 1:200 | Revision D