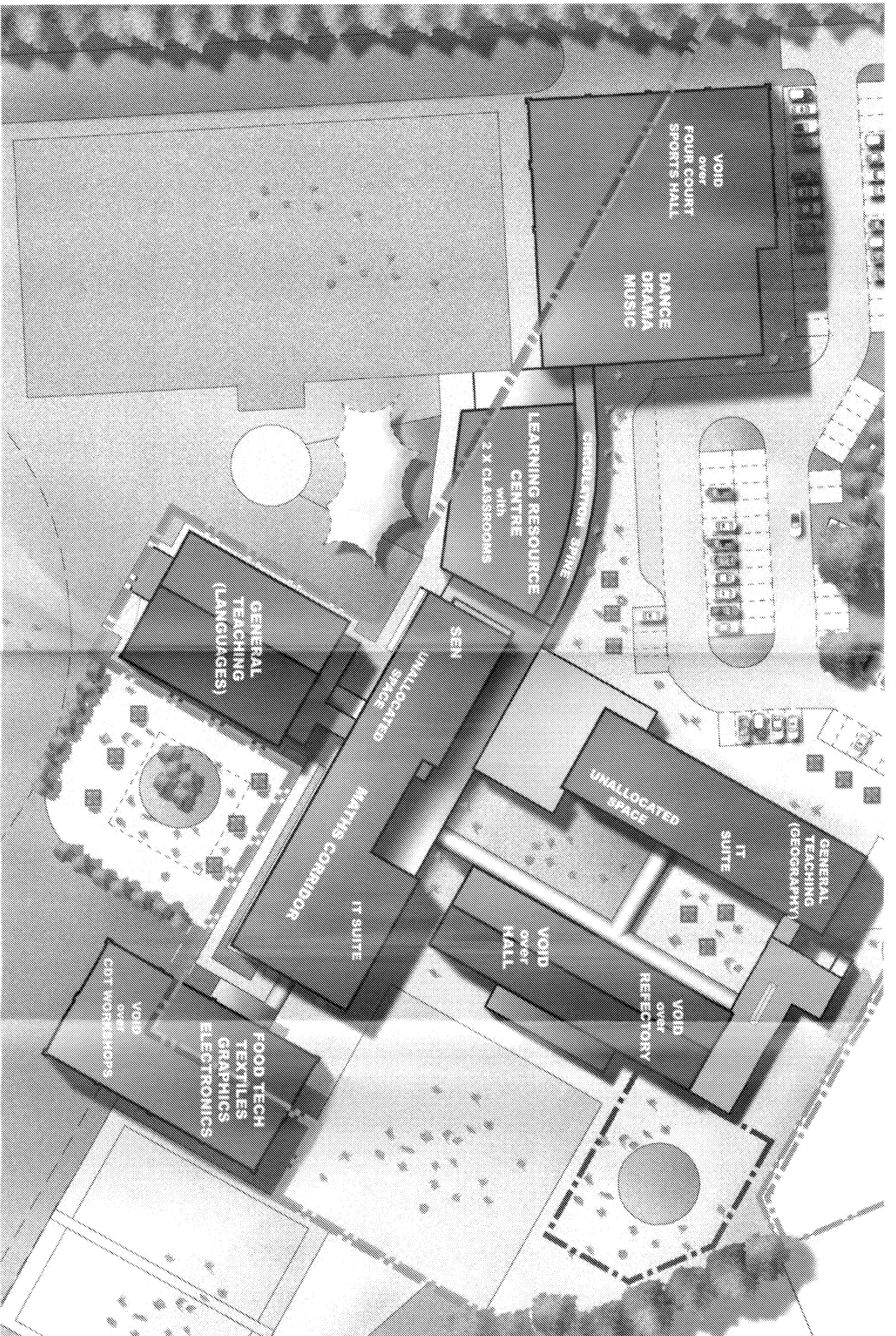
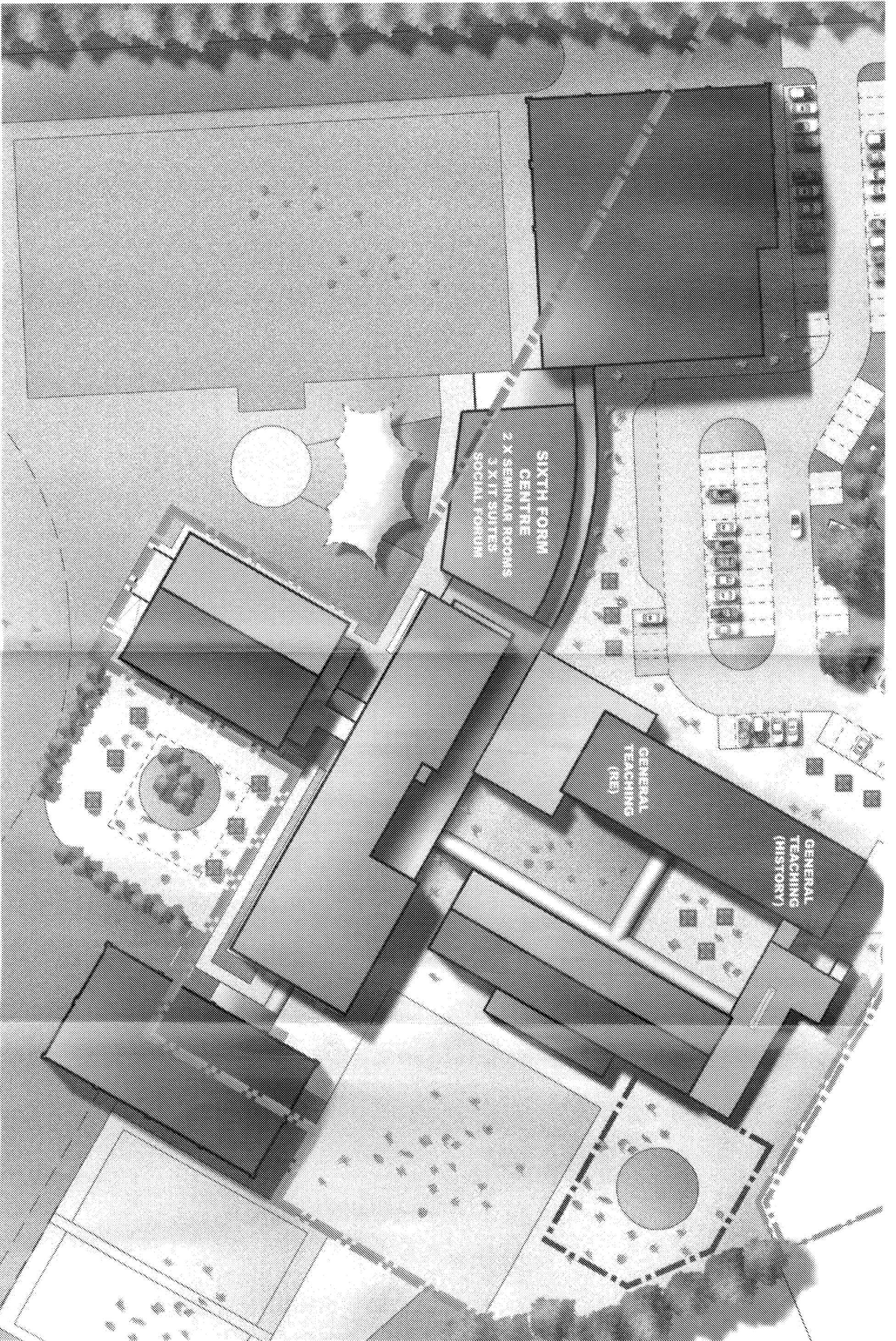
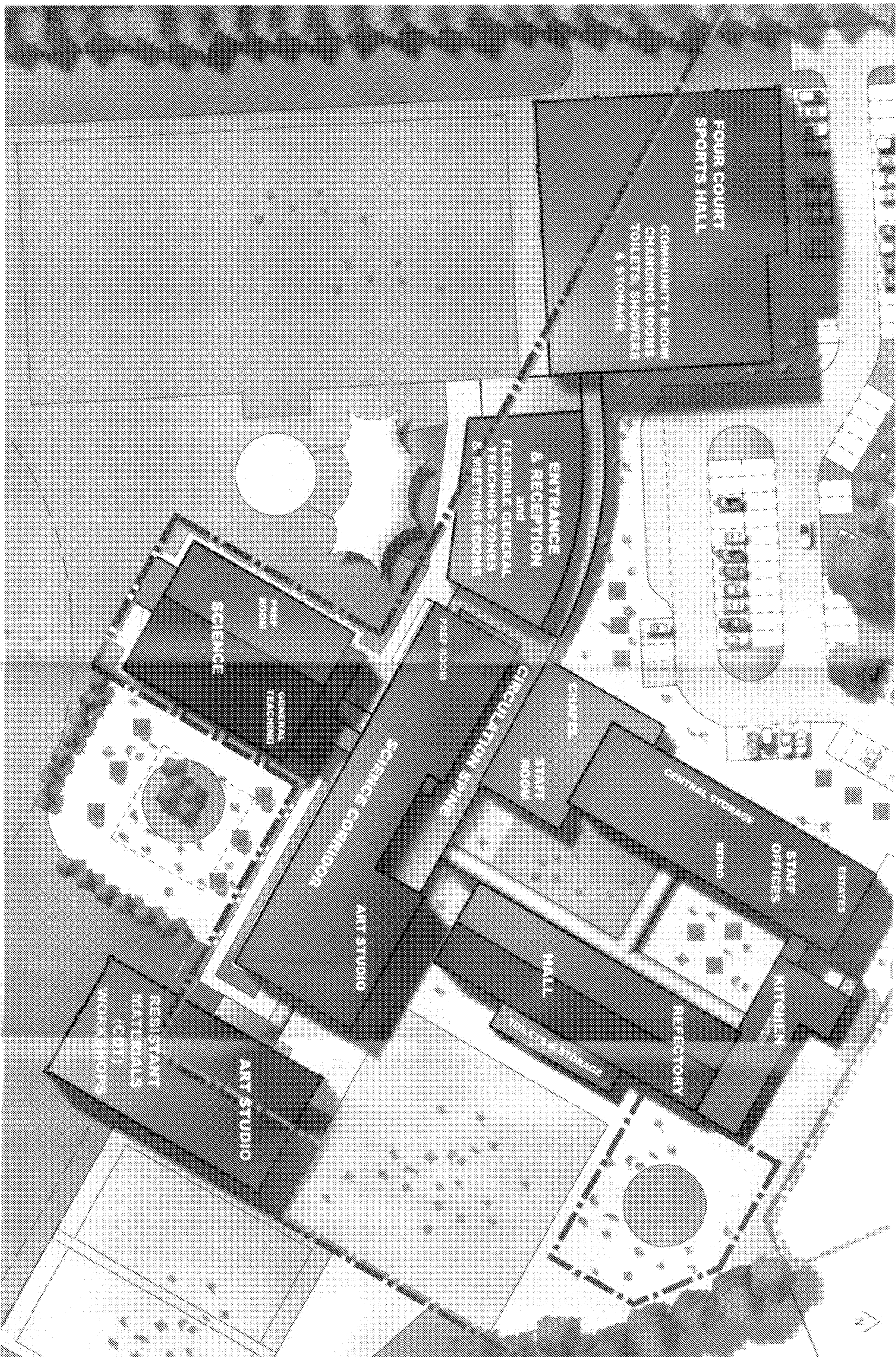








TSP216 - St Philip Howard Sports Hall

Design and Access Statement

1.00 Introduction

St Philip Howard Catholic High School (SPH) was founded in 1959 and lies within the Cathedral Deanery of the Diocese of Arundel and Brighton.

The School currently has circa 750 pupils aged 11 – 16 studying for GCSE's and circa 150 pupils in the sixth form studying for A – Levels.

SPH is one of only two secondary schools within West Sussex that does not have a Sports Hall in line with Sport England Guidance (formally English Sports Council).

The Seaman Partnership were commissioned by the School in the summer of 2008 to analyse the existing accommodation in comparison to government standards for a secondary school of this size (Building Bulletin 98); to identify provision shortfalls and to develop a future vision "Masterplan" for the school to meet these deficiencies.

The "Masterplan" was completed in 2009 and identified the requirements, subject to finance, for the following accommodation:-

- ❖ A four court Sports Hall, with ancillary accommodation including changing rooms, showers, toilets and additional teaching accommodation/community room.
- ❖ A new "focal" entrance block with flexible general teaching zones and meeting rooms.
- ❖ A new "Vocational Centre" with potentially workshops and art studios.

As supplementary information copies of the relevant "Masterplan" proposals are included at Appendix "A" (drawings numbered 50, 51, 52 & 53).

The proposals for which planning permission is currently being sought are the first part of this redevelopment and consist of the four court sports hall; changing room/showers/wc accommodation and teaching resource areas.

Due to available finance this proposal will be phased as follows:-

- ❖ First Phase – 4 Court Sports Hall, Ancillary Accommodation Storage and Entrance
- ❖ Second Phase – The completed building envelope, (fitting out the ground floor accommodation only).
- ❖ Final Phase – Fit out of the first floor accommodation.

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In recognition of this the drawings included show both the First Phase and the Final Phase.

2.00 Assessment of Physical Context (Photographs attached refer):-

The site of the proposed Sports Hall is relatively flat and lies to the north of the existing Multi-Use Games Area (MUGA). Currently the site is part grass, part macadam hard play area. It should be noted that during the 2009 summer holiday period, the school provided additional hard play area, to the east of the main buildings, as an enabling phase to the Sports Hall project.

The eastern boundary of the site is lined and boundary defined by an 18m high popular tree screen. To the south is the existing MUGA and to the east is the existing school accommodation, the nearest of which is the single storey groundsmans accommodation. To the north is the boundary to the adjacent 3-storey block of flats. The proposal is some 22.5m away from this boundary which is reasonably well screened with existing trees. It is proposed to further reinforce this with further native tree planting on the school side (see Lizard Landscape's, Landscape Masterplan). See photographs at the end of this Design & Access Statement.

3.00 Social/Economical Context and Planning

As previously noted St Philip Howard School is one of only two secondary schools in West Sussex that does not have a dedicated Sports Hall. The Masterplan has also confirmed that in comparison to government recommendations for a school of this size, the school is short of circa 2,350m² of teaching accommodation.

This proposal in total will result in circa 1385m² of additional accommodation which will go some way to meeting this shortfall.

In terms of planning context, having met with a representative of Arun District Council on site, there appeared to be the following issues which needed to be addressed.

❖ Relationship of the proposed hall to adjacent residential properties:-

The proposed Sports Hall is set at a diagonal to the western boundary (distances tapering from 10.0m to 31.2m) and is 30.5m from the flank wall of the adjacent residential flats. The boundary between the Sports Hall and the residential units is already well screened by trees, and this will be reinforced with additional tree planting. There are no windows facing the residential block and residents might perceive the mass of the building to be advantageous in obscuring the lighting and noise from the adjacent MUGA.

❖ Use of the building and access:-

It should be noted that this facility is a school facility only and is not for wider Community Use. This need is already being catered for at the nearby "Six Villages Sports Centre" at Westergate Community College.

There is no anticipated increase in pupil or staff numbers and on this basis no change to existing vehicle movement and car parking provision are anticipated.

❖ **Effect on existing trees and ecology:-**

In comparison to the proposed masterplan, the building has been located to be parallel to the existing school buildings. This has two benefits. Firstly, future potential links to the existing school to provide a new entrance facility will be simplified. Secondly, the existing group of trees T1-T12, are fully retained. In this way all the existing mature trees on the site are maintained and strengthened with additional tree and hedge planting giving an enhanced ecological environment.

4.00 Involvement of Local Interests

All relevant stakeholders have played a full and active part in the design of the proposals. These include:-

- ❖ St Philip Howard Staff and Governors
- ❖ Diocese of Arundel and Brighton
- ❖ West Sussex County Council

In addition a pre-application meeting was held on site with a representative from Arun District Council Planning Department.

5.00 Evaluation

As has been previously mentioned various sketch schemes were considered for the Sports Hall in terms of the Masterplan. This included the proposed site and an alternative site closer to the existing poor quality changing accommodation. The proposed site was selected as the preferred option, due to its link to the existing MUGA; it's "front of house" location, providing a new image for the school; the preference for the alternative site to be the site for the new "Vocational Centre".

6.00 Scale and Appearance

The size of the Four Court Sports Hall is largely determined by the requirements defined by the Sport England, who for a "club" standard require a minimum clear height of 7.6m. In addition to this is the height required for structural frame and cladding, heating and lighting systems and rails for netting. The building that is proposed is the minimum height to achieve all of the above requirements.

The teaching and changing accommodation are treated effectively as "lean-to" extensions to the Sports Hall, with the exception of the Dance Studio, which has a minimum clear height requirement of 4.5m. To achieve this and "articulate" the façade, this has been expressed both in plan and elevation.

The entrance vestibule is again a simple form connected to the Sports Hall, with a glazed feature corner for the proposed stair and lifts and extending the roof to form a canopy, to both identify and signify the entrance and provide an element of cover.

In terms of materials the limited budget has necessitated an "elegant shed" approach to the project. The roofing material proposed is mill finished aluminium sheet, which will weather to a matt appearance. The fascias will be highlighted in the school dark red/burgundy colour. A previous Sports Hall project undertaken at Manhood Community College by The Seaman Partnership has adopted a similar design strategy and is seen as a general precedent for this style of construction for this building type.

The vertical metal cladding will be a silver/grey colour and the brickwork will be a red-multi brick, similar to elsewhere on the campus. The double glazed windows/curtain walling will be polyester powder coated white to match the fenestration elsewhere.

7.00 Landscaping

Lizard Landscapes have been commissioned to carry out both an Ecological Survey of the site and also an Arboricultural Survey. Both are included as part of the planning application documentation.

This has subsequently been developed in the Landscape Masterplan Strategy (Drg No. LLD 287/03) and in the narrative Landscape Scheme proposals.

8.00 Access

Vehicular access to the site is via Elm Grove South, a narrow two way residential road with an amount of on street parking. Disabled spaces are provided adjacent to the existing school entrance and potentially there is scope to upgrade existing parking spaces to provide additional disabled car parking provision as the proposed scheme is developed through indicated phases.

Public transport links are provided by Stagecoach Coastline bus service 66 stopping at the end of Elm Grove South. On school days service 602 serves the school direct. In addition the school is only a few minutes walk from Barnham Railway Station (Southern, South West Trains and Wessex train services).

Pedestrian access to the site will remain unchanged, and within the site will comply with the recommendations of the following:

- ❖ Approved Document Part M of the Building Regulations.
- ❖ Designing for Accessibility – RIBA Enterprises.
- ❖ BS 8300 2001 – "Design of buildings and their approach to meet the needs of disabled people".

9.00 Sustainability

The building design has followed the following sustainable strategies:

- ❖ Orientation of the buildings promotes natural sunlight/daylight into the dwellings.
- ❖ Enhanced planting throughout the development.
- ❖ A renewable energy source to be used most likely to be either photo voltaic or solar thermal panels to provide a portion of the hot water and heating throughout each of the new dwellings.
- ❖ Good insulation for the roof, walls and floor of the buildings as well as ensuring that good draft exclusion is provided for doors and windows.
- ❖ Incorporating systems that regulate the use of heat, light and hot water.
- ❖ Including measures that enable the control of ventilation.
- ❖ Energy efficient heating system.
- ❖ Low energy lighting.
- ❖ Providing water saving taps, flow restrictions for showers, dual flush WC's.
- ❖ Provide a habitat for wildlife.
- ❖ Materials to be found locally.
- ❖ Minimise the production of waste.
- ❖ External lights will be located to avoid light pollution (to satisfy the mandatory minimum escape requirements only).
- ❖ Minimise the production of waste and encourage recycling as an integral part of the design.
- ❖ Providing new habitats around the development with new planting to encourage wildlife.

10.00 Land Contamination Assessment

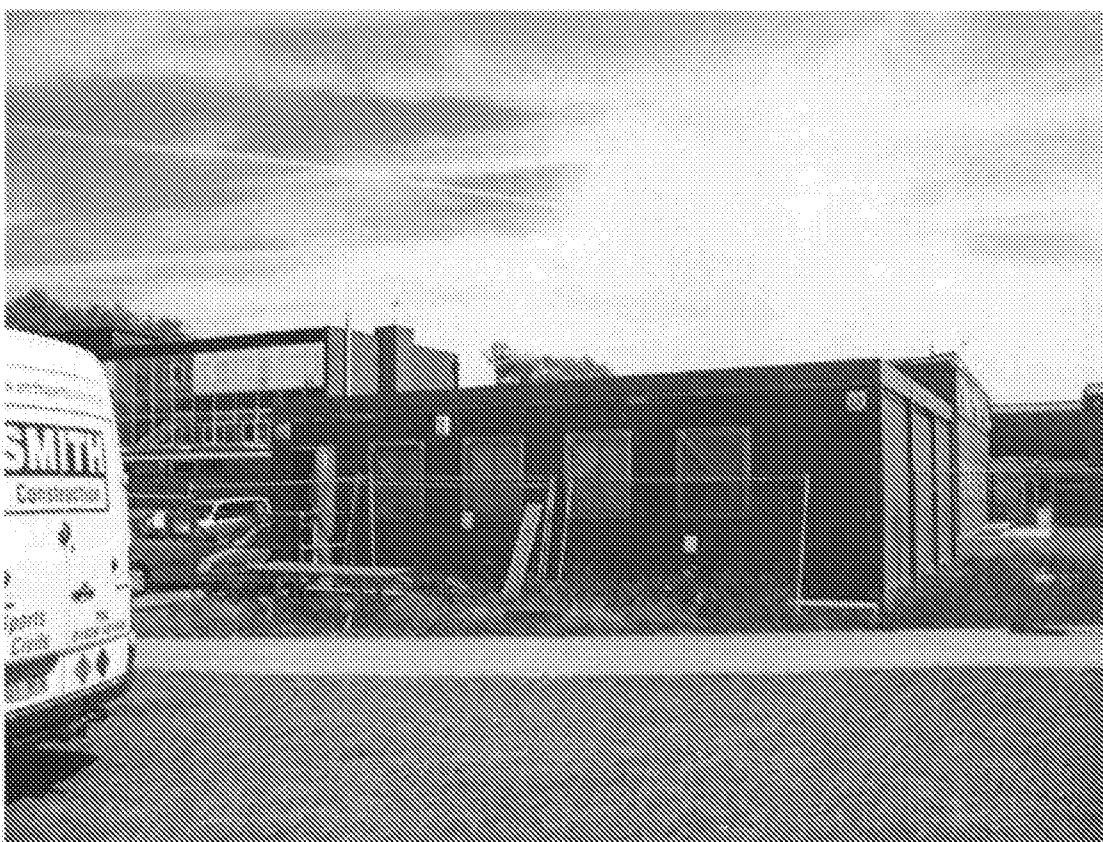
From the Envirocheck data included information would indicate that this location is a green field site. Preliminary checks, therefore, do not suggest land contamination.

11.00 Noise Assessment

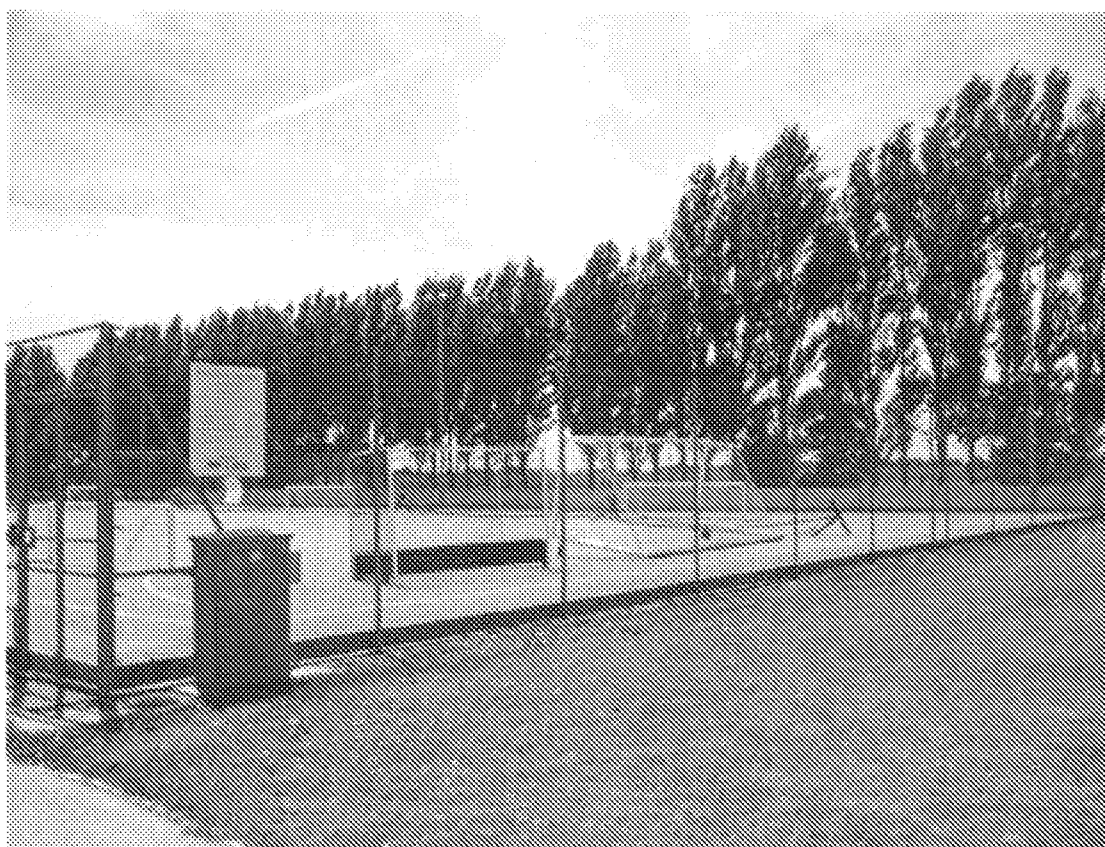
The proposed mass of the Sports Hall has the potential of blocking noise created currently by the MUGA from the Elm Dale residential area. As the Sports Hall usage is anticipated to follow the opening times of the MUGA (restricted by planning conditions) the influence of Noise on neighbouring is likely to be reduced.



Elm Dale residential flats to North of site (viewed across hard play area)



Maintenance Huts (To East of Site)

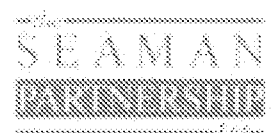


MUGA to South of Site



Site in Background (visible over engineering building)

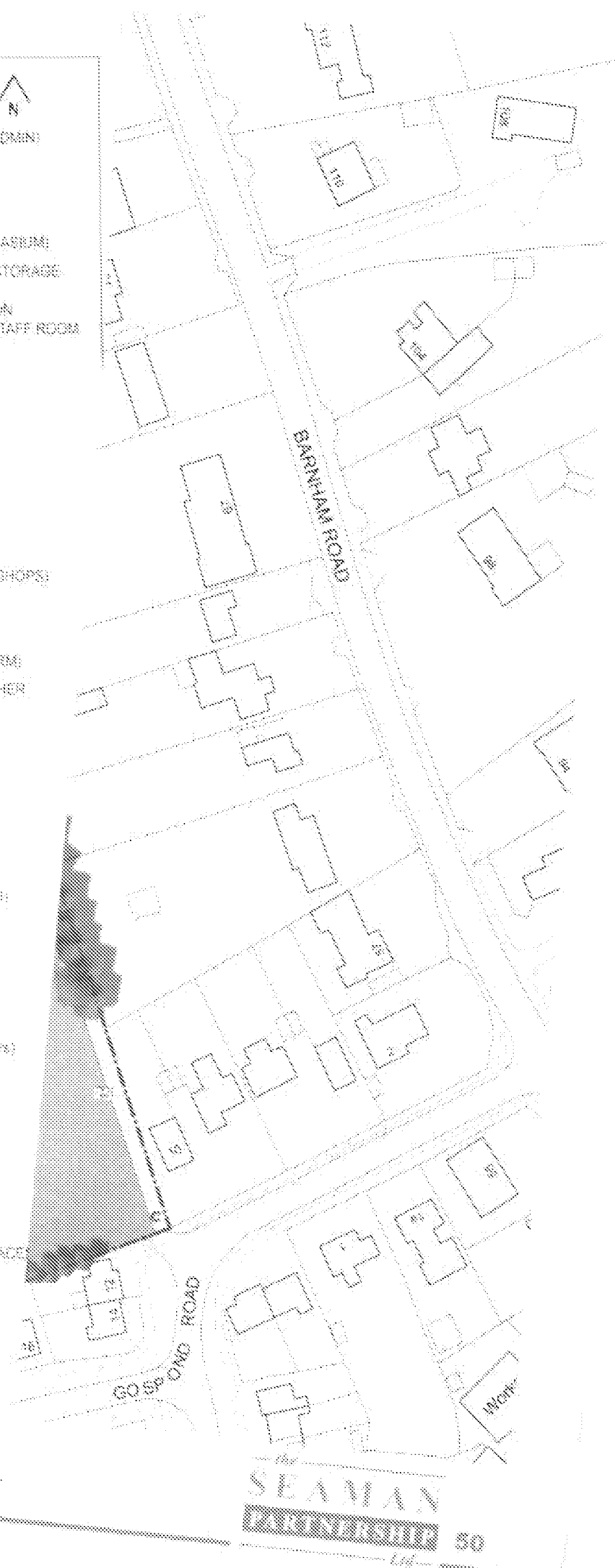
Appendix “A”



KEY TO PROPOSED SITE:



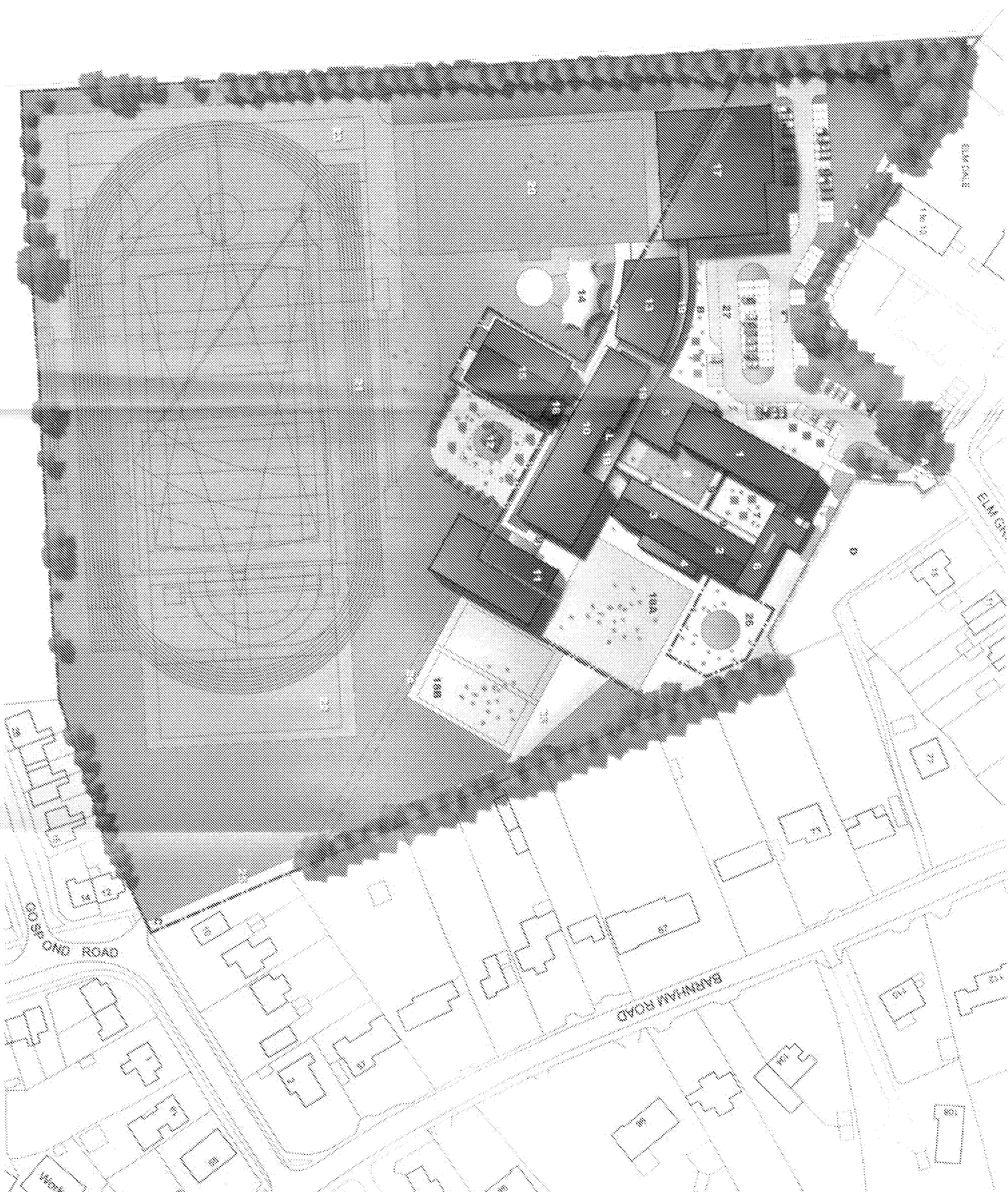
1. MAIN BLOCK (GENERAL TEACHING & ADMIN)
2. NEW REFECTORY (REFURBISHMENT OF EXISTING HALL)
3. NEW HALL (REFURBISHMENT OF EXISTING GYMNASIUM)
4. NEW WC PROVISION, PLANTROOM & STORAGE
5. REFURBISHED MAIN BLOCK EXTENSION TO PROVIDE RELOCATED CHAPEL & STAFF ROOM
6. KITCHEN & SERVERY
7. PAVED COURTYARD WITH SEATING and FEATURE PLANTERS
8. GRASS COURTYARD
9. COVERED CIRCULATION LINKS
10. SOUTH BLOCK (GENERAL TEACHING)
11. TECHNOLOGY CENTRE (ART, FOOD & TEXTILES & COT WORKSHOPS)
12. QUIET OUTDOOR SOCIAL QUAD
13. NEW FLAGSHIP ENTRANCE BUILDING (GENERAL TEACHING, LRC, SIXTH FORM)
14. NEW AMPHITHEATRE WITH ALL WEATHER FABRIC STRUCTURE COVERING
15. EXTENSION BLOCK (SCIENCE & GENERAL TEACHING)
16. CIRCULATION LINK
17. SPORTS HALL and MUSIC & DANCE/Drama CENTRE
18. HARD PLAY AREA (184 & 188) each can provide (2 x Tennis or 2 x Netball)
19. INTERNAL CIRCULATION SPINE
20. MULTI-USE GAMES AREA (MUGA)
21. ATHLETICS TRACK
22. RUGBY UNION PITCH (Large 15-18 years)
23. FOOTBALL PITCH (Large 15-17 years)
24. SERVICE ACCESS (FORMER CONTRACTORS ACCESS)
25. SOUTH LINK PATH
26. PLANNED GROWTH (SITE FOR FUTURE EXPANSION)
27. RECONFIGURED CAR PARKING (96 SPACES WITH DROP OFF LANE)
- A. MAIN SITE ACCESS
- B. SCHOOL ENTRANCE
- C. SOUTH ACCESS
- D. SITE FOR POTENTIAL DISPOSAL
- L. LIFT



KEY TO PROPOSED SITE



- 1 MAIN BLOCK (GENERAL TEACHING & ADMIN)
- 2 NEW REFECTORY (REPLACEMENT OF EXISTING HALL)
- 3 NEW HALL
- 4 NEW WC PROVISION (WATERCLOOS & STORAGE)
- 5 REFINISHED MAIN BLOCK EXTENSION TO PROVIDE RELOCATED CHAPEL & STAFF ROOM
- 6 KITCHEN & SERVING
- 7 PAVED COURTYARD WITH SEATING AND FEATURE PLANTING
- 8 GRASS COURTYARD
- 9 COVERED CIRCULATION LINKS
- 10 SOUTH BLOCK (GENERAL TEACHING)
- 11 TECHNOLOGY CENTRE (ART, FOOD & TEXTILES & CDT WORKSHOPS)
- 12 QUIET OUTDOOR SOCIAL QUAD
- 13 NEW FLATSHIP ENTRANCE BUILDING (GENERAL TEACHING LINK SOUTH OF MAIN)
- 14 NEW AMPHITHEATRE WITH ALL WEATHER PERFORM STRUCTURE COVERING
- 15 EXTENSION BLOCK (GEOMETRY & GENERAL TEACHING)
- 16 CIRCULATION LINK
- 17 SPORTS HALL AND MUSIC & DANCE DRESS CENTRE
- 18 HARD PLAY AREA (16A & 16B) WITH NEW PROPOSED 12 x 7m of 2 x 7m
- 19 INTERNAL CIRCULATION SPACE
- 20 MULTI-USE OMAES AREA (MUSIC)
- 21 ATHLETICS TRACK
- 22 RUGBY LEAGUE PITCH (15-16 years)
- 23 FOOTBALL PITCH (15-17 years)
- 24 SERVICE ACCESS (ROBBER CONTRACTORS ACCESS)
- 25 SOUTH RW PATH
- 26 PLANNED GROWTH (SITE FOR FUTURE EXPANSION)
- 27 RECONSTRUCTED CAR PARKING (20 SPACES) WITH DROP-OFF LANE
- A MAIN SITE ACCESS
- B SCHOOL ENTRANCE
- C SOUTH ACCESS
- D SITE FOR POTENTIAL DISPOSAL UNIT



St Philip Howard Catholic High School

PROPOSED MASTERPLAN

SEAMAN
PARISHISHIP 50