### 6.0 OPPORTUNITIES FOR SPACE OPTIMISATION

### 6.1 Conversion of Existing Teaching Spaces

## 6. I.I Les Beaucamps High School

From tables 5.12 and 5.14 in section 5.4 we can observe that in the Beaucamps building, according to the curriculum plan shared by the school, all of the current teaching spaces will be required in the future offer and for some of the curriculum areas there will be a need to add to the existing spaces such as the art studio, graphic room, music classroom, and science. However, we observe that the existing general purpose classrooms are larger than the BBI 03 recommendation (they are over $62 \mathrm{~m}^{2}$ and the guide suggests an area of $55 \mathrm{~m}^{2}$ is needed to accommodate 30 students). The current classroom size is actually the area that BBI 03 recommends for an IT room. In the academic year 2025/26 we estimate that, in Scenario IB, six IT suites will be required and three of these will need to be new. We suggest that at least three existing classrooms could be converted to six IT rooms instead and thus there would be a need to increase the number of general purpose classrooms (at $55 \mathrm{~m}^{2}$ ) instead.

We also note that the existing IT rooms' areas range between $75 \mathrm{~m}^{2}$ and $90 \mathrm{~m}^{2}$ (data taken from the room schedule provided) and these spaces are suitably sized to accommodate science laboratories (BBIO3 suggests science specialist spaces to range between $69 \mathrm{~m}^{2}$ for a science studio and $90 \mathrm{~m}^{2}$ for a more specialised laboratory). Therefore, consideration should also be given to converting some IT rooms to science labs as part of any internal works necessary to meet the brief of the new school.

We also observe that there may be some flexibility in the future use of art rooms. The existing art suite could be converted for science (they are of an appropriate size) and new art rooms included as part of the new build requirements.

### 6.1.2 St Sampson's High School

Similar observations apply to St. Sampson's buildings in relation to IT, science and art rooms. In addition, we have identified one teaching space, a textile classroom, which was not reported in the SoA provided by the school. We are not able to confirm if this specialist space will still be required; if not, it could be converted to accommodate a different provision (e.g. science laboratory).

## 6.I. 3 St Sampson’s High School and Le Murier School

This scenario is shown in table 5.14 and it can be seen that the inclusion of Le Murier spaces decreases the need for teaching spaces. In addition, Le Murier School includes some specialist spaces such as one workshop and one food room that are not required in Scenario 2B. The inclusion of Le Murier School space within the wider school area would allow for the existing art spaces to be converted into a further wing of science laboratories and the art zone could then be relocated into the larger teaching (and some current non-teaching spaces) in Le Murier This would have the benefit of creating a STEM wing at one end of the building and an art zone at the other.


### 7.0 EXTERNAL SPACE REQUIREMENTS

### 7.1 Future External Space Requirements

We have employed the BBIO3 formulae to calculate the external area and used the 2025/26 forecast student numbers as outlined in section 5 . The following tables suggest the range within which each external space type should fall and compare these limits with the available area on site. Scenario I and Scenario 2 at the Beaucamps site report very similar results and Scenario I is shown in table 7.I.

Tables 7.2 and 7.3 show Scenarios I and 2 for the St Sampson's site.
Table 7.1 - External area required at the Les Beaucamps High School site based on Scenario I

|  | Lower range ( $\mathrm{m}^{2}$ ) | Upper range ( $\mathrm{m}^{2}$ ) | Existing area ( $\mathrm{m}^{2}$ ) | Surplus/ shortage area ( $m^{2}$ ) | Surplus/ shortage area ( $\mathrm{m}^{2}$ ) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Area | 83,830 | 105,031 | 40,610 | -43,220 | -64,42I |
| Net Area | 75,523 | 84,025 | 15,980 | -59,543 | -68,045 |
| Soft outdoor PE | 58,518 | 63,019 | 5,450 | -53,068 | -57,569 |
| Soft informal and social area | 3,601 | 5,502 | 700 | -2,90। | $-4,802$ |
| Hard outdoor PE | 2,651 | 4,551 | 5,000 | 2,349 | 449 |
| Hard informal and social area | 1,701 | 3,601 | 3,230 | 1,530 | -371 |
| Habitat area | 750 | 2,651 | 1,600 | 850 | -1,05। |
| Sum of minimums | 67,220 | 79,323 | 15,980 | -51,240 | -63,343 |

Les Beaucamps site has a significant shortage of overall external area that was already close to the limit with current student numbers. The already confirmed shortage in soft outdoor PE space in section 4.6 is further amplified with the increase of student numbers.

Table 7.2 - External area required at the St Sampson's High School site based on Scenario I

|  | Lower range ( $\mathrm{m}^{2}$ ) | Upper range ( $\mathrm{m}^{2}$ ) | Existing area ( $\mathrm{m}^{2}$ ) | Surplus/ shortage area ( $m^{2}$ ) | Surplus/ shortage area ( $\mathrm{m}^{2}$ ) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Area | 83,530 | 104,656 | 88,660 | 5,130 | -15,996 |
| Net Area | 75,253 | 83,725 | 37,205 | -38,048 | -46,520 |
| Soft outdoor PE | 58,308 | 62,797 | 15,000 | -43,308 | -47,797 |
| Soft informal and social area | 3,589 | 5,484 | 9,550 | 5,961 | 4,067 |
| Hard outdoor PE | 2,642 | 4,536 | 7,500 | 4,858 | 2,964 |
| Hard informal and social area | 1,695 | 3,589 | 5,155 | 3,461 | 1,566 |
| Habitat area | 747 | 2,642 |  | -747 | $-2,642$ |
| Sum of minimums | 66,980 | 79,047 | 37,205 | -29,775 | -41,842 |

Table 7.3 - External area required at the St Sampson's High School site based on Scenario 2

|  | Lower range ( $\mathrm{m}^{2}$ ) | Upper range ( $\mathrm{m}^{2}$ ) | Existing area ( $\mathrm{m}^{2}$ ) | Surplus/ shortage area ( $\mathrm{m}^{2}$ ) | Surplus/ shortage area ( $\mathrm{m}^{2}$ ) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Area | 85,029 | 106,531 | 104,860 | 19,831 | -1,671 |
| Net Area | 76,603 | 85,225 | 43,135 | -33,468 | -42,090 |
| Soft outdoor PE | 59,358 | 63,907 | 16,300 | -43,058 | -47,607 |
| Soft informal and social area | 3,649 | 5,574 | 10,750 | 7.101 | 5,177 |
| Hard outdoor PE | 2,687 | 4,611 | 8,100 | 5,413 | 3,489 |
| Hard informal and social area | 1,725 | 3,649 | 7,985 | 6,261 | 4,336 |
| Habitat area | 762 | 2,687 |  | -762 | -2,687 |
| Sum of minimums | 68,180 | 80,427 | 43,155 | -25,045 | -37,292 |

Both scenarios show that the existing gross external area is within the BBIO3 suggested range; however, the space shortage remains in soft outdoor PE space and habitat area which is not currently classified in the St Sampson's room schedule

BBI 03 guidance makes it clear that the provision of soft outdoor PE space is the area of least priority when considering external space for a new school. The vast majority of new schools - and very many existing schools - do not provide areas large enough to comply with the guidance in this regard. The guidance states that "Some schools will be on restricted sites and will not have enough outdoor space to meet requirements on site. In these situations, students will need to be provided with access to suitable offsite provision".

As a result of the analysis in the three tables above, we suggest that the new school develops plans either to purchase additional land and/or to make new agreements with local sporting facilities also managed by the States of Guernsey to make use of existing facilities for educational purposes.

### 7.2 Availability of Suitable Space Provided Offsite

During the site visit and after follow-up enquiries we have identified potential spaces that could be used to help remove or reduce the shortage of external soft-play space.

## These are:

- The Garenne Stand: pitch area only $=c 8,150 \mathrm{~m}^{2}$, including the run track $=\mathrm{cl} 4,600 \mathrm{~m}^{2}$.
- Hockey Club: pitch area $=c 6,000 \mathrm{~m}^{2}$.
- Soft outdoor PE within the La Mare De Carteret High School $=25,000 \mathrm{~m}^{2}$ and potentially other $8,000 \mathrm{~m}^{2}$ can be used for this purpose.
- Two pitches at Beau Séjour Park (c $18,500 \mathrm{~m}^{2}$ of soft outdoor PE space) which are used each evening and weekend from April - September by Guernsey Softball. We understand that this may be owned by St Peters Port Parish and use thereof would need to be negotiated with them.
- One pitch at Delancey Park ( $3,500 \mathrm{~m}^{2}$ of soft outdoor PE space) which cannot be booked when the Vélo Club are using the cycle circuit. The Vélo Club only book the circuit on evenings or weekends.

We consider that the effective management of these assets to allow for their use by the new school would give pupils access to premium quality specialist spaces that are unlikely to be provided to the same standard on any single site. We also note that there is a field located near the Beaucamps site which has an area of $\mathrm{c} .3,700 \mathrm{~m}^{2}$ that could accommodate sport provision - we do not think this presents a sporting facility as attractive as those above.

## APPENDIX I - FORECAST STUDENT NUMBERS

The following eight tables list the original student forecast data provided by the School.

## Original forecast student numbers provided by the State

|  | Number of students |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2018/19 | Y7 | Y8 | Y9 | Y 10 | YII | Y 12 | Y 13 | Lower school | Sixth Form | Total |
| Les Beaucamps | 98 | 91 | 90 | 95 | 96 |  |  | 470 | 0 | 470 |
| St Sampson | 133 | 133 | 139 | 138 | 132 |  |  | 675 | 0 | 675 |
| La Mare | 102 | 86 | 77 | 80 | 69 |  |  | 414 | 0 | 414 |
| Grammar School | 75 | 83 | 80 | 87 | 84 | 228 | 191 | 409 | 419 | 828 |
| Total |  |  |  |  |  |  |  | 1,968 | 419 | 2,387 |


|  | Number of students |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2019/20 | Y7 | Y8 | Y9 | YIO | YII | YI2 | YI3 | Lower school | Sixth Form | Total |
| Les <br> Beaucamps | 102 | 100 | 98 | 91 | 90 |  |  | 481 | 0 | 481 |
| St Sampson | 142 | 142 | 133 | 133 | 139 |  |  | 689 | 0 | 689 |
| La Mare | 98 | 103 | 102 | 86 | 77 |  |  | 466 | 0 | 466 |
| Grammar School | 78 | 77 | 75 | 83 | 80 | 233 | 228 | 393 | 461 | 854 |
| Total |  |  |  |  |  |  |  | 2,029 | 461 | 2,490 |


|  | Number of students |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2020/21 | Y7 | Y8 | Y9 | Y 10 | YII | Y 12 | Y 13 | Lower school | Sixth <br> Form | Total |
| Les <br> Beaucamps | 117 | 102 | 100 | 98 | 91 |  |  | 508 | 0 | 508 |
| St Sampson | 142 | 142 | 142 | 133 | 133 |  |  | 692 | 0 | 692 |
| La Mare | 90 | 98 | 103 | 102 | 86 |  |  | 479 | 0 | 479 |
| Grammar School | 78 | 78 | 77 | 75 | 83 | 221 | 233 | 391 | 454 | 845 |
| Total |  |  |  |  |  |  |  | 2,070 | 454 | 2,524 |


|  | Number of students |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2021/22 | Y7 | Y8 | Y9 | Y 10 | Y II | Y 12 | YI3 | Lower school | Sixth Form | Total |
| Les <br> Beaucamps | 221 | 117 | 102 | 100 | 98 |  |  | 638 | 0 | 638 |
| St Sampson | 219 | 142 | 142 | 142 | 133 |  |  | 778 | 0 | 778 |
| La Mare |  | 90 | 98 | 103 | 102 |  |  | 393 | 0 | 393 |
| Grammar School |  | 78 | 78 | 77 | 75 | 233 | 221 | 308 | 454 | 762 |
| Total |  |  |  |  |  |  |  | 2,117 | 454 | 2,571 |


| Number of students |  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 2022/23 | Y7 | Y8 | Y9 | YIO | YII | YI2 | YI3 | Lower <br> school | Sixth <br> Form | Total |
| Les <br> Beaucamps | 243 | 221 | 207 | 200 | 203 | 120 |  | 1,074 | 120 | 1,194 |
| St Sampson | 229 | 219 | 220 | 220 | 142 | 120 |  | 1,030 | 120 | 1,150 |
| La Mare |  |  |  |  |  |  |  | 0 | 0 | 0 |
| Grammar <br> School |  |  |  |  | 77 |  | 233 | 77 | 233 | 310 |
| Total |  |  |  |  |  |  |  | 2,181 | $\mathbf{4 7 3}$ | $\mathbf{2 , 6 5 4}$ |


|  | Number of students |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2024/25 | Y7 | Y8 | Y9 | Y 10 | YII | Y I2 | Y I3 | Lower school | Sixth Form | Total |
| Les <br> Beaucamps | 225 | 205 | 243 | 221 | 207 | 120 | 117 | I, IO \| | 237 | 1,338 |
| St Sampson | 231 | 220 | 229 | 219 | 220 | 120 | 117 | 1,119 | 237 | 1,356 |
| La Mare |  |  |  |  |  |  |  |  | 0 | 0 |
| Grammar School |  |  |  |  |  |  |  |  | 0 | 0 |
| Total |  |  |  |  |  |  |  | 2,220 | 474 | 2,694 |


|  | Number of students |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2023/24 | Y7 | Y8 | Y9 | YIO | YII | Y 12 | YI3 | Lower school | Sixth Form | Total |
| Les <br> Beaucamps | 205 | 243 | 221 | 207 | 200 | 117 | 120 | 1,076 | 237 | 1,313 |
| St Sampson | 220 | 229 | 219 | 220 | 220 | 117 | 120 | 1,108 | 237 | 1,345 |
| La Mare |  |  |  |  |  |  |  |  |  |  |
| Grammar School |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  | 2,184 | 474 | 2,658 |


| Number of students |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 2025/26 | Y7 | Y8 | Y9 | YIO | YII | YI2 | YI3 | Lower <br> school | Sixth <br> Form | Total |
| Les <br> Beaucamps | 225 | 225 | 205 | 243 | 221 | 125 | 120 | 1,119 | 245 | 1,364 |
| St Sampson | 214 | 231 | 220 | 229 | 219 | 125 | 120 | 1,113 | 245 | 1,358 |
| La Mare |  |  |  |  |  |  |  |  | 0 | 0 |
| Grammar <br> School |  |  |  |  |  |  |  |  | 0 | 0 |
| Total |  |  |  |  |  |  |  | $\mathbf{2 , 2 3 2}$ | $\mathbf{4 9 0}$ | $\mathbf{2 , 7 2 2}$ |

## Original forecast student numbers provided by the State

|  | Number of students |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2018/19 | Y7 | Y8 | Y9 | Y 10 | YII | YI2 | YI3 | Lower school | Sixth <br> Form | Total |
| Les <br> Beaucamps | 98 | 91 | 90 | 95 | 96 |  |  | 470 | 0 | 470 |
| St Sampson | 133 | 133 | 139 | 138 | 132 |  |  | 675 | 0 | 675 |
| La Mare | 102 | 86 | 77 | 80 | 69 |  |  | 414 | 0 | 414 |
| Grammar School | 75 | 83 | 80 | 87 | 84 | 228 | 191 | 409 | 419 | 828 |
| Total |  |  |  |  |  |  |  | 1,968 | 419 | 2,387 |


|  | Number of students |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2019/20 | Y7 | Y8 | Y9 | YIO | YII | Y 12 | Y 13 | Lower school | Sixth <br> Form | Total |
| Les <br> Beaucamps | 112 | 100 | 98 | 91 | 90 |  |  | 481 | 0 | 481 |
| St Sampson | 152 | 142 | 133 | 133 | 139 |  |  | 689 | 0 | 689 |
| La Mare | 108 | 103 | 102 | 86 | 77 |  |  | 466 | 0 | 466 |
| Grammar School | 88 | 77 | 75 | 83 | 80 | 233 | 228 | 393 | 461 | 854 |
| Total |  |  |  |  |  |  |  | 2,029 | 461 | 2,490 |


|  | Number of students |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2020/21 | Y7 | Y8 | Y9 | YIO | YII | Y 12 | Y 13 | Lower school | Sixth Form | Total |
| Les <br> Beaucamps | 127 | 112 | 100 | 98 | 91 |  |  | 528 | 0 | 528 |
| St Sampson | 152 | 152 | 142 | 133 | 133 |  |  | 712 | 0 | 712 |
| La Mare | 100 | 108 | 103 | 102 | 86 |  |  | 499 | 0 | 499 |
| Grammar School | 88 | 88 | 77 | 75 | 83 | 221 | 233 | 411 | 454 | 865 |
| Total |  |  |  |  |  |  |  | 2,148 | 454 | 2,602 |


|  | Number of students |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2021/22 | Y7 | Y8 | Y9 | Y 10 | YII | Y I2 | YI3 | Lower school | Sixth <br> Form | Total |
| Les <br> Beaucamps | 241 | 127 | 112 | 100 | 98 |  |  | 677 | 0 | 677 |
| St Sampson | 239 | 152 | 152 | 142 | 133 |  |  | 817 | 0 | 817 |
| La Mare |  | 100 | 108 | 103 | 102 |  |  | 413 | 0 | 413 |
| Grammar School |  | 88 | 88 | 77 | 75 | 233 | 221 | 328 | 454 | 782 |
| Total |  |  |  |  |  |  |  | 2,234 | 454 | 2,688 |


| Number of students |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\mathbf{2 0 2 2 / 2 3}$ | Y7 | Y8 | Y9 | YIO | YII | YI2 | YI3 | Lower <br> school | Sixth <br> Form | Total |
| Les <br> Beaucamps | 263 | 241 | 227 | 220 | 223 | 140 |  | 1,172 | 140 | 1,312 |
| St Sampson | 249 | 239 | 240 | 240 | 162 | 140 |  | 1,128 | 140 | 1,268 |
| La Mare |  |  |  |  |  |  |  | 0 | 0 | 0 |
| Grammar <br> School |  |  |  |  | 77 |  | 233 | 77 | 233 | 310 |
| Total |  |  |  |  |  |  |  | 2,376 | $\mathbf{5 1 3}$ | $\mathbf{2 , 8 8 9}$ |


| Number of students |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\mathbf{2 0 2 4 / 2 5}$ | Y7 | Y8 | Y9 | YIO | YII | YI2 | YI3 | Lower <br> school | Sixth <br> Form | Total |
| Les <br> Beaucamps | 245 | 225 | 263 | 241 | 227 | 139 | 136 | 1,199 | 275 | 1,474 |
| St Sampson | 25 I | 240 | 249 | 239 | 240 | 139 | 136 | 1,217 | 275 | 1,492 |
| La Mare |  |  |  |  |  |  |  |  | 0 | 0 |
| Grammar <br> School |  |  |  |  |  |  |  |  | 0 | 0 |
| Total |  |  |  |  |  |  |  | $\mathbf{2 , 4 1 5}$ | $\mathbf{5 5 0}$ | $\mathbf{2 , 9 6 5}$ |


|  | Number of students |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2023/24 | Y7 | Y8 | Y9 | Y 10 | YII | Y I2 | YI3 | Lower school | Sixth <br> Form | Total |
| Les <br> Beaucamps | 225 | 263 | 241 | 227 | 220 | 136 | 140 | I, 174 | 276 | 1,450 |
| St Sampson | 240 | 249 | 239 | 240 | 240 | 136 | 140 | 1,206 | 276 | 1,482 |
| La Mare |  |  |  |  |  |  |  |  |  |  |
| Grammar School |  |  |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  | 2,379 | 552 | 2,931 |


|  | Number of students |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2025/26 | Y7 | Y8 | Y9 | Y 10 | YII | Y 12 | Y 13 | Lower school | Sixth <br> Form | Total |
| Les <br> Beaucamps | 245 | 245 | 225 | 263 | 241 | 145 | 139 | 1,217 | 284 | I,501 |
| St Sampson | 234 | 251 | 240 | 249 | 239 | 145 | 139 | 1,211 | 284 | 1,495 |
| La Mare |  |  |  |  |  |  |  |  | 0 | 0 |
| Grammar School |  |  |  |  |  |  |  |  | 0 | 0 |
| Total |  |  |  |  |  |  |  | 2,427 | 568 | 2,995 |

The following table details the adjusted student forecast numbers by also including additional students from the SEN school which may be anticipated to be recruited into the new school as a result of a more inclusive post-I। education policy.

Number of student adjusted for 2025/26 as above including 60 additional students from the SEN school

|  | Number of students |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2025/26 | Y7 | Y8 | Y9 | YIO | YII | Y 12 | YI3 | Lower school | Sixth <br> Form | Total |
| Les Beaucamps | 251 | 251 | 231 | 269 | 247 | 145 | 139 | 1,247 | 284 | I,53। |
| St Sampson | 240 | 257 | 246 | 255 | 245 | 145 | 139 | 1,241 | 284 | 1,525 |
| Total |  |  |  |  |  |  |  | 2,487 | 568 | 3,055 |

## APPENDIX 2 - TEACHING AREA REQUIRED (AND GROSS AREA) OBTAINED FROM THE SCHEDULE OF ACCOMMODATION FOR THE DIFFERENT SCENARIOS MODELLED



## Scenario IA








## Scenario IC




## Scenario 2A



| Les Beaucamps Scenario 2B | Area adopted for new room ( $\mathrm{m}^{2}$ ) | Required number of rooms (sharing) | Area required ( $\mathrm{m}^{2}$ ) | Excess teaching space in design ( $\mathrm{m}^{2}$ ) | Total area required ( $\mathrm{m}^{2}$ ) | Existing number of rooms | Existing area ( $\mathrm{m}^{2}$ ) | Additional rooms needed | Additional area required ( $\mathrm{m}^{2}$ ) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Classroom | 55 | 43 | 2,365 | 170 | 2,535 | 18 | 1,160 | 25 | 1,375 |
| Science Laboratory | 90 | 11 | 990 |  | 990 | 4 | 364 | 7 | 630 |
| IT room | 62 | 6 | 372 | 65 | 437 | 3 | 251 | 3 | 186 |
| 2D Art studio | 83 | 2 | 166 |  | 166 | 1 | 103 | 1 | 83 |
| 3D Art studio | 97 | 1 | 97 |  | 97 | 1 | 99 | 0 | 0 |
| Photography studio | 76 | 1 | 76 |  | 76 | 0 | 0 | 1 | 76 |
| Workshop | 97 | 2 | 194 |  | 194 | 2 | 229 | 0 | 0 |
| Food room | 104 | 1 | 104 |  | 104 | 1 | 116 | 0 | 0 |
| Studio | 83 | 0 | 0 |  | 0 | 0 | 0 | 0 | 0 |
| Graphics room | 83 | 2 | 166 |  | 166 | I | 91 | 1 | 83 |
| Music recital | 83 | । | 83 |  | 83 | 1 | 89 | 0 | 0 |
| Music classroom | 69 | 2 | 138 |  | 138 | 1 | 69 | 1 | 69 |
| Drama studio | 90 | 2 | 180 |  | 180 | 1 | 118 | 1 | 90 |
|  |  | 74 | 4,931 | 235 | 5,166 | 34 | 2,689 | 40 | 2,592 |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Teaching space required |  | 2,592 |
|  |  |  |  |  |  |  | Circulation | 15\% | 389 |
|  |  |  |  |  |  |  | Toilets and personal care | 10\% | 259 |
|  |  |  |  |  |  |  | Total area needed |  | 3,240 |


| Scenario 2B |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| St Sampson's + Le Murier Scenario 2B | Area adopted for new room (m2) | Required number of rooms (sharing) | Area required ( $\mathrm{m}^{2}$ ) | Excess teaching space in design ( $\mathrm{m}^{2}$ ) | Total area required ( $\mathrm{m}^{2}$ ) | Existing number of rooms | Existing area ( $\mathrm{m}^{2}$ ) | Additional rooms needed | Additional area required ( $\mathrm{m}^{2}$ ) |
| Classroom | 55 | 43 | 2,365 | 52 | 2,417 | 34 | 2,026 | 9 | 495 |
| Science Laboratory | 90 | 11 | 990 |  | 990 | 7 | 591 | 4 | 360 |
| IT room | 62 | 6 | 372 | 61 | 433 | 5 | 317 | 1 | 62 |
| 2D Art studio | 83 | 2 | 166 |  | 166 | 2 | 169 | 0 | 0 |
| 3D Art studio | 97 | 1 | 97 |  | 97 | 1 | 102 | 0 | 0 |
| Photography studio | 76 | 1 | 76 |  | 76 | 0 | 0 | 1 | 76 |
| Workshop | 97 | 2 | 194 |  | 194 | 3 | 282 | extra room available | 0 |
| Food room | 104 | 1 | 104 |  | 104 | 2 | 171 | extra room available | 0 |
| Studio | 83 | 0 | 0 |  | 0 | 1 | 90 | extra room available | 0 |
| Graphics room | 83 | 2 | 166 |  | 166 | 1 | 86 | 1 | 83 |
| Music recital | 83 | 1 | 83 |  | 83 | 1 | 90 | 0 | 0 |
| Music classroom | 69 | 2 | 138 |  | 138 | 2 | 124 | 0 | 0 |
| Drama studio | 90 | 2 | 180 |  | 180 | 1 | 98 | 1 | 90 |
|  |  | 74 | 4,931 | 113 | 5,044 | 60 | 4,146 | 17 | 1,166 |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | Teaching space required |  | 1,166 |
|  |  |  |  |  |  |  | Circulation | 15\% | 175 |
|  |  |  |  |  |  |  | Toilets and personal care | 10\% | 117 |
|  |  |  |  |  |  |  | Total area needed |  | 1,458 |



## Scenario 2C



## APPENDIX 3 - COMBINATION OF TOP DOWN SPACE REQUIREMENT WITH REQUIRED TEACHING AREA FROM SOA FOR THE TWO SCENARIOS AND THEIR VARIATIONS

This appendix contains the tables where the results of each scenario generated by the SoA are combined and compared to the top down analysis generated using BBI 03 guidelines.
Scenario IA

| Les Beaucamps | Lower range - adjusted* ( $\mathrm{m}^{2}$ ) | Upper range - adjusted* ( $\mathrm{m}^{2}$ ) | Existing area ( $m^{2}$ ) | Additional area from SoA ( $\mathrm{m}^{2}$ ) | Total area new school ( $\mathrm{m}^{2}$ ) | Total new area within BBIO3 recommendation? | Surplus/ shortage area (based on lower value) ( $\mathrm{m}^{2}$ ) | Surplus/ shortage area (based on upper value) ( $\mathrm{m}^{2}$ ) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Area | 11,287 | 12,802 | 9,88। | 3,490 | 13,371 | NO - over | 2,084 | 569 |
| Net Area | 8,129 | 8,904 | 6,016 | 2,792 | 8,808 | YES | 679 | -96 |
| Other net area |  |  | 642 |  |  |  |  |  |
| Halls, Dining and PE | 1,169 | 1,697 | 1,212 |  | 1,212 | YES | 43 | -485 |
| Storage | 539 | 850 | 618 |  | 618 | YES | 79 | -232 |
| Staff and Admin. | 400 | 711 | 478 | 60 | 538 | YES | 138 | -173 |
| Learning Resources | 421 | 646 | 377 |  | 377 | NO - under | -44 | -269 |
| Teaching Area | 4,672 | 5,543 | 2,689 | 2,792 | 5,481 | YES | 809 | -62 |
| Sum of minimums | 7,201 | 9,448 | 6,016 | 2,852 | 8,868 | YES | 1,667 | -580 |

Note: Halls, Dining and PE area has been reduced by the excess of space identified in the "dining section"

| St Sampson | Lower range - adjusted* ( $\mathrm{m}^{2}$ ) | Upper range - adjusted* ( $\mathrm{m}^{2}$ ) | Existing area ( $\mathrm{m}^{2}$ ) | Additional area from SoA ( $\mathrm{m}^{2}$ ) | Total area new school ( $\mathrm{m}^{2}$ ) | Total new area within BBI03 recommendation? | Surplus/ shortage area (based on lower value) ( $\mathrm{m}^{2}$ ) | Surplus/ shortage area (based on upper value) ( $\mathrm{m}^{2}$ ) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Area | 1,127 | 12,637 | 9,500 | 3,128 | 12,628 | YES | 1,500 | -9 |
| Net Area | 7,980 | 8,753 | 6,343 | 2,502 | 8,845 | NO - over | 865 | 92 |
| Other net area |  |  | 801 |  |  |  |  |  |
| Halls, Dining and PE | 1,156 | 1,684 | 1,198 |  | 1,198 | YES | 42 | -486 |
| Storage | 538 | 848 | 596 |  | 596 | YES | 58 | -252 |
| Staff and Admin. | 399 | 709 | 441 |  | 441 | YES | 42 | -268 |
| Learning Resources | 420 | 645 | 454 |  | 454 | YES | 34 | -191 |
| Teaching Area | 4,532 | 5,402 | 2,853 | 2,502 | 5,355 | YES | 823 | -47 |
| Sum of minimums | 7,045 | 9,287 | 6,343 | 2,502 | 8,845 | YES | 1,800 | -442 |

Note: Halls, Dining and PE area has been reduced by the excess of space identified in the "dining section"

| Scenario IB |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Les Beaucamps | Lower range - adjusted* (m2) | Upper range - adjusted* (m2) | Existing area (m2) | Additional area from SoA (m2) | Total area new school (m2) | Total new area within BBIO3 recommendation? | Surplus/ shortage area (based on lower value) (m2) | Surplus/ shortage area (based on upper value) (m2) |
| Gross Area | 11,287 | 12,802 | 9,881 | 3,240 | 13,121 | NO - over | 1,834 | 319 |
| Net Area | 8,129 | 8,904 | 6,016 | 2,592 | 8,608 | YES | 479 | -296 |
| Other net area |  |  | 642 |  |  |  |  |  |
| Halls, Dining and PE | 1,169 | 1,697 | 1,212 |  | 1,212 | YES | 43 | -485 |
| Storage | 539 | 850 | 618 |  | 618 | YES | 79 | -232 |
| Staff and Admin. | 400 | 711 | 478 | 60 | 538 | YES | 138 | -173 |
| Learning Resources | 421 | 646 | 377 |  | 377 | NO - under | -44 | -269 |
| Teaching Area | 4,672 | 5,543 | 2,689 | 2,592 | 5,281 | YES | 609 | -262 |
| Sum of minimums | 7,201 | 9,448 | 6,016 | 2,652 | 8,668 | YES | 1,467 | -780 |

Note: Halls, Dining and PE area has been reduced by the excess of space identified in the "dining section"

## Scenario IB

| St Sampson | Lower range - adjusted* (m2) | Upper range - adjusted* (m2) | Existing area (m2) | Additional area from SoA (m2) | Total area new school (m2) | Total new area within BBI03 recommendation? | Surplus/ shortage area (based on lower value) (m2) | Surplus/ shortage area (based on upper value) (m2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Area | 11,127 | 12,637 | 9,500 | 2,878 | 12,378 | YES | 1,250 | -259 |
| Net Area | 7,980 | 8,753 | 6,343 | 2,302 | 8,645 | YES | 665 | -108 |
| Other net area |  |  | 801 |  |  |  |  |  |
| Halls, Dining and PE | 1,156 | 1,684 | 1,198 |  | 1,198 | YES | 42 | -486 |
| Storage | 538 | 848 | 596 |  | 596 | YES | 58 | -252 |
| Staff and Admin. | 399 | 709 | 441 |  | 441 | YES | 42 | -268 |
| Learning Resources | 420 | 645 | 454 |  | 454 | YES | 34 | -191 |
| Teaching Area | 4,532 | 5,402 | 2,853 | 2,302 | 5,155 | YES | 623 | -247 |
| Sum of minimums | 7,045 | 9,287 | 6,343 | 2,302 | 8,645 | YES | 1,600 | -642 |

Note: Halls, Dining and PE area has been reduced by the excess of space identified in the "dining section"

| Scenario IC |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Les Beaucamps | Lower range - adjusted* (m2) | Upper range - adjusted* (m2) | Existing area (m2) | Additional area from SoA (m2) | Total area new school (m2) | Total new area within BBIO3 recommendation? | Surplus/ shortage area (based on lower value) (m2) | Surplus/ shortage area (based on upper value) (m2) |
| Gross Area | 11,287 | 12,802 | 9,881 | 3,034 | 12,915 | NO - over | 1,628 | 113 |
| Net Area | 8,129 | 8,904 | 6,016 | 2,427 | 8,443 | YES | 314 | -461 |
| Other net area |  |  | 642 |  |  |  |  |  |
| Halls, Dining and PE | 1,169 | 1,697 | 1,212 |  | 1,212 | YES | 43 | -485 |
| Storage | 539 | 850 | 618 |  | 618 | YES | 79 | -232 |
| Staff and Admin. | 400 | 711 | 478 | 60 | 538 | YES | 138 | -173 |
| Learning Resources | 421 | 646 | 377 |  | 377 | NO - under | -44 | -269 |
| Teaching Area | 4,672 | 5,543 | 2,689 | 2,427 | 5,116 | YES | 444 | -427 |
| Sum of minimums | 7,201 | 9,448 | 6,016 | 2,487 | 8,503 | YES | 1,302 | -945 |

Note: Halls, Dining and PE area has been reduced by the excess of space identified in the "dining section"

| Scenario IC |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| St Sampson | Lower range - adjusted* (m2) | Upper range - adjusted* (m2) | Existing area (m2) | Additional area from SoA (m2) | Total area new school (m2) | Total new area within BBIO3 recommendation? | Surplus/ shortage area (based on lower value) (m2) | Surplus/ shortage area (based on upper value) (m2) |
| Gross Area | 11,127 | 12,637 | 9,500 | 2,671 | 12,171 | YES | 1,044 | -466 |
| Net Area | 7,980 | 8,753 | 6,343 | 2,137 | 8,480 | YES | 500 | -273 |
| Other net area |  |  | 801 |  |  |  |  |  |
| Halls, Dining and PE | 1,156 | 1,684 | 1,198 |  | 1,198 | YES | 42 | -486 |
| Storage | 538 | 848 | 596 |  | 596 | YES | 58 | -252 |
| Staff and Admin. | 399 | 709 | 441 |  | 441 | YES | 42 | -268 |
| Learning Resources | 420 | 645 | 454 |  | 454 | YES | 34 | -191 |
| Teaching Area | 4,532 | 5,402 | 2,853 | 2,137 | 4,990 | YES | 458 | -412 |
| Sum of minimums | 7,045 | 9,287 | 6,343 | 2,137 | 8,480 | YES | 1,435 | -807 |

Note: Halls, Dining and PE area has been reduced by the excess of space identified in the "dining section"

| Scenario 2A |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Les Beaucamps | Lower range - adjusted* (m2) | Upper range - adjusted* (m2) | Existing area (m2) | Additional area from SoA (m2) | Total area new school (m2) | Total new area within BBIO3 recommendation? | Surplus/ shortage area (based on lower value) (m2) | Surplus/ shortage area (based on upper value) (m2) |
| Gross Area | 11,476 | 13,015 | 9,881 | 3,490 | 13,371 | NO - over | 1,895 | 356 |
| Net Area | 8,264 | 9,051 | 6,016 | 2,792 | 8,808 | YES | 544 | -243 |
| Other net area |  |  | 642 |  |  |  |  |  |
| Halls, Dining and PE | 1,192 | 1,724 | 1,212 |  | 1,212 | YES | 20 | -512 |
| Storage | 547 | 862 | 618 |  | 618 | YES | 71 | -244 |
| Staff and Admin. | 406 | 721 | 478 | 60 | 538 | YES | 132 | -183 |
| Learning Resources | 426 | 654 | 377 |  | 377 | NO - under | -49 | -277 |
| Teaching Area | 4,759 | 5,642 | 2,689 | 2,792 | 5,481 | YES | 722 | -161 |
| Sum of minimums | 7,329 | 9,603 | 6,016 | 2,852 | 8,868 | YES | 1,539 | -735 |

Note: Halls, Dining and PE area has been reduced by the excess of space identified in the "dining section"

## Scenario 2A

| St Sampson | Lower range - adjusted* (m2) | Upper range - adjusted* (m2) | Existing area (m2) | Additional area from SoA (m2) | Total area new school (m2) | Total new area within BBI03 recommendation? | Surplus/ shortage area (based on lower value) (m2) | Surplus/ shortage area (based on upper value) (m2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Area | 11,316 | 12,850 | 13,130 | 1,708 | 14,838 | NO - over | 3,521 | 1,988 |
| Net Area | 8,115 | 8,900 | 8,721 | 1,366 | 10,087 | NO - over | 1,972 | 1,187 |
| Other net area |  |  | 964 |  |  |  |  |  |
| Halls, Dining and PE | 1,087 | 1,618 | 1,400 |  | 1,400 | YES | 313 | -218 |
| Storage | 545 | 860 | 869 |  | 869 | NO - over | 324 | 9 |
| Staff and Admin. | 405 | 719 | 617 |  | 617 | YES | 212 | -102 |
| Learning Resources | 425 | 652 | 725 |  | 725 | NO - over | 300 | 73 |
| Teaching Area | 4,619 | 5,50। | 4,146 | 1,366 | 5,512 | NO - over | 893 | 11 |
| Sum of minimums | 7,082 | 9,350 | 8,721 | 1,366 | 10,087 | NO - over | 3,005 | 737 |

Note: Halls, Dining and PE area has been reduced by the excess of space identified in the "dining section"

| Scenario 2B |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Les Beaucamps | Lower range - adjusted* (m2) | Upper range - adjusted* (m2) | Existing area (m2) | Additional area from SoA (m2) | Total area new school (m2) | Total new area within BBIO3 recommendation? | Surplus/ shortage area (based on lower value) (m2) | Surplus/ shortage area (based on upper value) (m2) |
| Gross Area | 11,476 | 13,015 | 9,881 | 3,240 | 13,121 | NO - over | 1,645 | 106 |
| Net Area | 8,264 | 9,05 1 | 6,016 | 2,592 | 8,608 | YES | 344 | -443 |
| Other net area |  |  | 642 |  |  |  |  |  |
| Halls, Dining and PE | 1,192 | 1,724 | 1,212 |  | 1,212 | YES | 20 | -512 |
| Storage | 547 | 862 | 618 |  | 618 | YES | 71 | -244 |
| Staff and Admin. | 406 | 721 | 478 | 60 | 538 | YES | 132 | -183 |
| Learning Resources | 426 | 654 | 377 |  | 377 | NO - under | -49 | -277 |
| Teaching Area | 4,759 | 5,642 | 2,689 | 2,592 | 5,281 | YES | 522 | -361 |
| Sum of minimums | 7,329 | 9,603 | 6,016 | 2,652 | 8,668 | YES | 1,339 | -935 |

Note: Halls, Dining and PE area has been reduced by the excess of space identified in the "dining section"

| St Sampson | Lower range - adjusted* (m2) | Upper range - adjusted* (m2) | Existing area (m2) | Additional area from SoA (m2) | Total area new school (m2) | Total new area within BBI03 recommendation? | Surplus/ shortage area (based on lower value) (m2) | Surplus/ shortage area (based on upper value) (m2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Area | 11,316 | 12,850 | 13,130 | 1,458 | 14,588 | NO - over | 3,271 | 1,738 |
| Net Area | 8,115 | 8,900 | 8,721 | 1,166 | 9,887 | NO - over | 1,772 | 987 |
| Other net area |  |  | 964 |  |  |  |  |  |
| Halls, Dining and PE | 1,087 | 1,618 | 1,400 |  | 1,400 | YES | 313 | -218 |
| Storage | 545 | 860 | 869 |  | 869 | NO - over | 324 | 9 |
| Staff and Admin. | 405 | 719 | 617 |  | 617 | YES | 212 | -102 |
| Learning Resources | 425 | 652 | 725 |  | 725 | NO - over | 300 | 73 |
| Teaching Area | 4,619 | 5,50। | 4,146 | 1,166 | 5,312 | YES | 693 | -189 |
| Sum of minimums | 7,082 | 9,350 | 8,721 | 1,166 | 9,887 | NO - over | 2,805 | 537 |

Note: Halls, Dining and PE area has been reduced by the excess of space identified in the "dining section"

| Scenario 2C |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Les Beaucamps | Lower range - adjusted* (m2) | Upper range - adjusted* (m2) | Existing area (m2) | Additional area from SoA (m2) | Total area new school (m2) | Total new area within BBIO3 recommendation? | Surplus/ shortage area (based on lower value) (m2) | Surplus/ shortage area (based on upper value) (m2) |
| Gross Area | 11,476 | 13,015 | 9,881 | 3,034 | 12,915 | YES | 1,439 | - 100 |
| Net Area | 8,264 | 9,05 1 | 6,016 | 2,427 | 8,443 | YES | 179 | -608 |
| Other net area |  |  | 642 |  |  |  |  |  |
| Halls, Dining and PE | 1,192 | 1,724 | 1,212 |  | 1,212 | YES | 20 | -512 |
| Storage | 547 | 862 | 618 |  | 618 | YES | 71 | -244 |
| Staff and Admin. | 406 | 721 | 478 | 60 | 538 | YES | 132 | -183 |
| Learning Resources | 426 | 654 | 377 |  | 377 | NO - under | -49 | -277 |
| Teaching Area | 4,759 | 5,642 | 2,689 | 2,427 | 5,116 | YES | 357 | -526 |
| Sum of minimums | 7,329 | 9,603 | 6,016 | 2,487 | 8,503 | YES | 1,174 | -1, 100 |

Note: Halls, Dining and PE area has been reduced by the excess of space identified in the "dining section"

| Scenario 2C |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| St Sampson | Lower range - adjusted* (m2) | Upper range - adjusted* (m2) | Existing area (m2) | Additional area from SoA (m2) | Total area new school (m2) | Total new area within BBIO3 recommendation? | Surplus/ shortage area (based on lower value) (m2) | Surplus/ shortage area (based on upper value) (m2) |
| Gross Area | 11,316 | 12,850 | 13,130 | 1,251 | 14,38\| | NO - over | 3,065 | 1,531 |
| Net Area | 8,115 | 8,900 | 8,721 | 1,001 | 9,722 | NO - over | 1,607 | 822 |
| Other net area |  |  | 964 |  |  |  |  |  |
| Halls, Dining and PE | 1,087 | 1,618 | 1,400 |  | 1,400 | YES | 313 | -218 |
| Storage | 545 | 860 | 869 |  | 869 | NO - over | 324 | 9 |
| Staff and Admin. | 405 | 719 | 617 |  | 617 | YES | 212 | -102 |
| Learning Resources | 425 | 652 | 725 |  | 725 | NO - over | 300 | 73 |
| Teaching Area | 4,619 | 5,501 | 4,146 | 1,001 | 5,147 | YES | 528 | -354 |
| Sum of minimums | 7,082 | 9,350 | 8,721 | 1,001 | 9,722 | NO - over | 2,640 | 372 |

Note: Halls, Dining and PE area has been reduced by the excess of space identified in the "dining section"

## APPENDIX 4 - ADDITIONAL VARIATIONS TO SCENARIO I AND SCENARIO 2

APPENDIX 4.I - 2025/26 Student Number Assumptions

The table below shows the forecast number of students for the academic year 2025/26 assuming that the current number of States-funded students will remain in the private sector and therefore the increase in ex-bursary students is $0 \%$. Scenarios I and 2 assumed that $75 \%$ of students who may have previously been eligible for a bursary would move into the state sector.

Table A4.I - 2025/26 student numbers excluding gain from scholarship students

|  | Number of students |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2025/26 | Y7 | Y8 | Y9 | Y 10 | YII | Y I2 | YI3 | Lower school | Sixth <br> Form | Total |
| Les <br> Beaucamps | 225 | 225 | 205 | 243 | 221 | 145 | 139 | I, 119 | 284 | 1,403 |
| St Sampson | 214 | 231 | 220 | 229 | 219 | 145 | 139 | 1,113 | 284 | 1,397 |
| La Mare |  |  |  |  |  |  |  |  | 0 | 0 |
| Grammar School |  |  |  |  |  |  |  |  | 0 | 0 |
| Total |  |  |  |  |  |  |  | 2,232 | 568 | 2,800 |

We can compare this table with our assumptions in section 5.I.2 (or Appendix I) and note that there are c.I 00 fewer students under this scenario

APPENDIX 4.2 - Scenarios 3 and 4

All assumptions for Scenario 1 and Scenario 2 apply to Scenario 3 and Scenario 4 respectively with the exception of the forecast student numbers, that decrease by cl 00 students on each site. Table A4.2 lists the additional scenarios modelled

Table A4.2 - Scenarios 3 and 4 input

|  | Building | Variation | Group size | Forms of entry | Pupils input | Existing gross area ( $\mathrm{m}^{2}$ ) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Scenario 3 | - Les Beaucamps <br> - St Sampson's | A | 24 | 11 | LBHS I,403 <br> students SSHS I,397 students | $\begin{aligned} & 9,881 \\ & 9,500 \end{aligned}$ |
|  |  | B | 26 | 10 |  |  |
|  |  | C | 28 | 9 |  |  |
| Scenario 4 | - Les Beaucamps <br> - St Sampson's <br> - Le Murier | A | 24 | 11 | LBHS I,433 <br> students SSHS I,427 students | $\begin{array}{r} 9,88 \mid \\ \text { I } 3,130 \end{array}$ |
|  |  | B | 26 | 10 |  |  |
|  |  | C | 28 | 9 |  |  |

## Table A4.3 - Scenario 3 additional area required

|  | Scenario 3 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Scenario 3A | 74 | 4,931 | 235 | 5,166 | 34 | 2,689 | 40 | 2,592 | 389 | 259 | 3,240 |
|  | Scenario 3B | 71 | 4,766 | 235 | 5,001 | 34 | 2,689 | 37 | 2,427 | 364 | 243 | 3,034 |
|  | Scenario 3C | 68 | 4,566 | 235 | 4,801 | 34 | 2,689 | 34 | 2,227 | 334 | 223 | 2,784 |
|  | Scenario 3A | 74 | 4,931 | 113 | 5,044 | 39 | 2,853 | 36 | 2,302 | 345 | 230 | 2,878 |
|  | Scenario 3B | 71 | 4,766 | 113 | 4,879 | 39 | 2,853 | 33 | 2,137 | 321 | 214 | 2,671 |
|  | Scenario 3C | 68 | 4,566 | 113 | 4,679 | 39 | 2,853 | 30 | 1,937 | 291 | 194 | 2,421 |

Table A4.4 - Scenario 4 additional area required

|  | Scenario 3 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Scenario 3A | 74 | 4,931 | 235 | 5,166 | 34 | 2,689 | 40 | 2,592 | 389 | 259 | 3,240 |
|  | Scenario 3B | 71 | 4,766 | 235 | 5,001 | 34 | 2,689 | 37 | 2,427 | 364 | 243 | 3,034 |
|  | Scenario 3C | 68 | 4,566 | 235 | 4,801 | 34 | 2,689 | 34 | 2,227 | 334 | 223 | 2,784 |
|  | Scenario 3A | 74 | 4,931 | 113 | 5,044 | 39 | 2,853 | 36 | 2,302 | 345 | 230 | 2,878 |
|  | Scenario 3B | 71 | 4,766 | 113 | 4,879 | 39 | 2,853 | 33 | 2,137 | 321 | 214 | 2,671 |
|  | Scenario 3C | 68 | 4,566 | 113 | 4,679 | 39 | 2,853 | 30 | 1,937 | 291 | 194 | 2,421 |

The numbers in tables 4.3 and 4.4 are "shifted" by one scenario because the results from the SoA depend on the FE.

Another observation is that Scenario 4B (group sizes of 26 learners) and Scenario 4C (group sizes of 28 learners) require the same area. This was expected because they are both modelled on 9 FE.

The following table A4.5 compares the results obtained from scenarios I and 2 (section 5.4) with scenarios 3 and 4 in this appendix for variation B. We note that assuming $75 \%$ of "ex-placeholders" students choosing the State School requires approximately $165 \mathrm{~m}^{2}$ of additional teaching space compared with assuming that all learners will choose the independent schools anyway regardless of not having a bursary. This is due to the introduction of one additional FE as shown in tables A4.2 and table 5.2. All the other variations (e.g. 25\%, 50\%, etc.) are within this range.

Table A4.5-Comparison of scenarios I, 2 with scenarios 3,4

| School | Scenario | Existing number of teaching rooms | Additional number of teaching rooms | Additional teaching area required ( $\mathrm{m}^{2}$ ) | Additional gross area required ( $\mathrm{m}^{2}$ ) | Total building area ( $\mathrm{m}^{2}$ ) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Les Beaucamps High School | Scenario IB | 34 | 40 | 2,592 | 3,240 | 13,121 |
|  | Scenario 3B | 34 | 37 | 2,427 | 3,034 | 12,915 |
|  | Difference |  | 3 | 165 | 206 | 206 |
|  | Scenario 2B | 34 | 40 | 2,592 | 3,240 | 13,12\| |
|  | Scenario 4B | 34 | 37 | 2,427 | 3,034 | 12,915 |
|  | Difference |  | 3 | 165 | 206 | 206 |
| St Sampson's High School | Scenario IB | 39 | 36 | 2,302 | 2,878 | 12,378 |
|  | Scenario 3B | 39 | 33 | 2,137 | 2,671 | 12,171 |
|  | Difference |  | 3 | 165 | 207 | 207 |
| St Sampson's High School + Le Murier School | Scenario 2B | 60 | 17 | 1,166 | 1,458 | 14,588 |
|  | Scenario 4B | 60 | 14 | 1,00। | 1,251 | 14,38\| |
|  | Difference |  | 3 | 165 | 207 | 207 |

