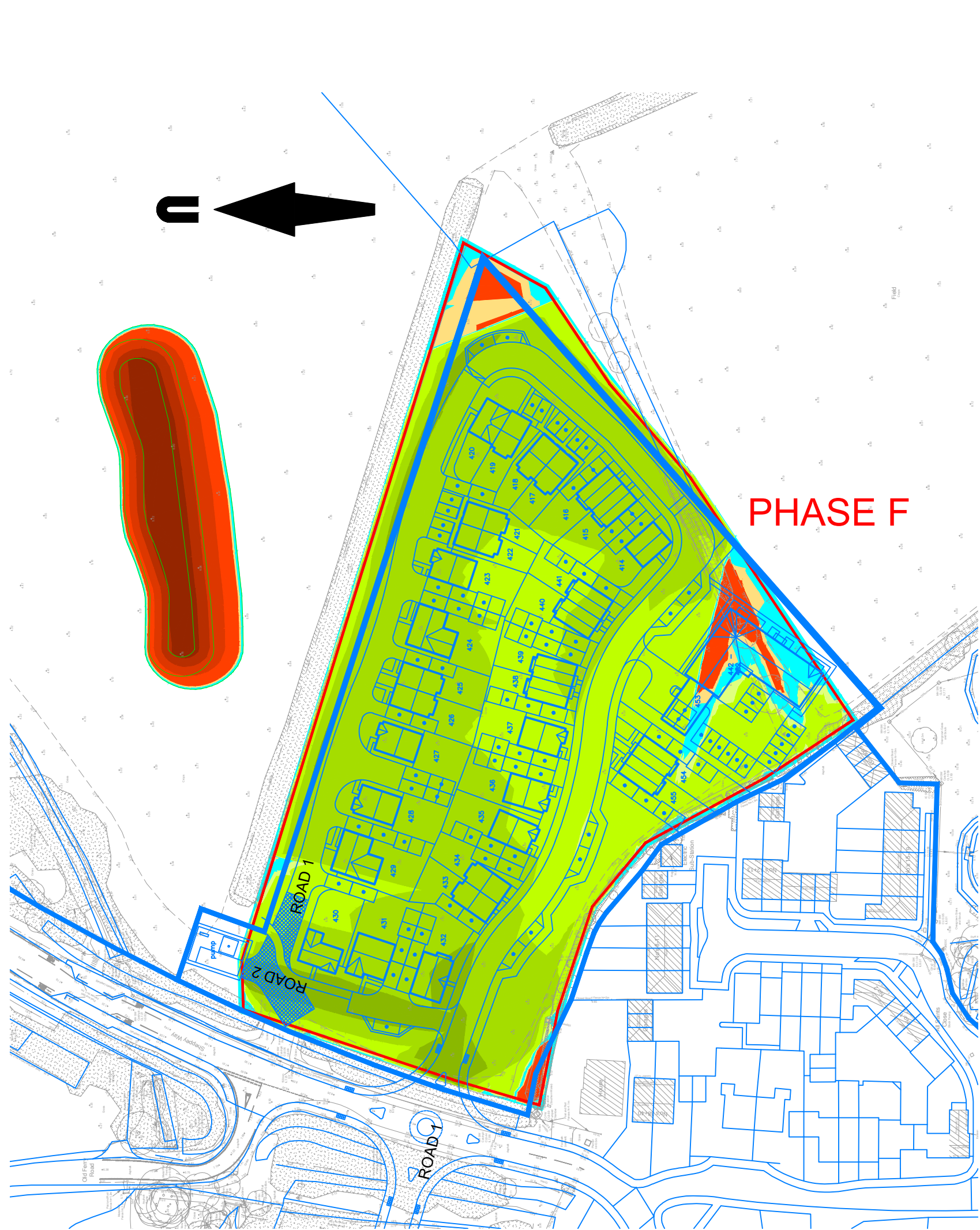




PHASE F

Table 1 - Excavations (Typical Formation Depths / Estimated Areas)

| Area                                 | excavation Depth (m) | Area (sq2) used to Formation Depth (sq2) |
|--------------------------------------|----------------------|------------------------------------------|
| Buildings                            | 600                  | 2000                                     |
| Highways                             | 300                  | 2500                                     |
| Private Drive / Parking Spaces       | 400                  | 500                                      |
| New Gardens / Vegetation Landscaping | 500                  | 3500                                     |
| Public Footpaths                     | 600                  | 1400                                     |
| Foundations                          | 1200                 | 800                                      |
| Drainage Basins                      | -                    | -                                        |
|                                      |                      | 1241                                     |
|                                      |                      | 1241 TOTAL CUT                           |

Table 2 - Existing / Proposed Ground Comparison (Cut/Fill)

| Volume (cu3) |     |                       |
|--------------|-----|-----------------------|
| Cut          | 94  | 1231                  |
| Fill         | 18  | 4231                  |
| Difference   | 738 | 3000 (to be imported) |

Table 3 - Cut / Fill Calculation

| Volume (cu3)      |      |                       |
|-------------------|------|-----------------------|
| Cut From Table 1  | 940  | 1231                  |
| Fill From Table 2 | 1006 | 4231                  |
| Difference        | 664  | 3000 (to be imported) |

PHASE E

Table 1 - Excavations (Typical Formation Depths / Estimated Areas)

| Area                                 | excavation Depth (m) | Area (sq2) used to Formation Depth (sq2) |
|--------------------------------------|----------------------|------------------------------------------|
| Buildings                            | 400                  | 1500                                     |
| Highways                             | 300                  | 4000                                     |
| Private Drive / Parking Spaces       | 400                  | 500                                      |
| New Gardens / Vegetation Landscaping | 500                  | 4000                                     |
| Public Footpaths                     | 600                  | 1000                                     |
| Foundations                          | 1200                 | 1000                                     |
| Drainage Basins                      | -                    | -                                        |
|                                      |                      | 1250                                     |
|                                      |                      | 1250 TOTAL CUT                           |

Table 2 - Existing / Proposed Ground Comparison (Cut/Fill)

| Volume (cu3) |     |                       |
|--------------|-----|-----------------------|
| Cut          | 35  | 4231                  |
| Fill         | 18  | 4231                  |
| Difference   | 473 | 3000 (to be imported) |

Table 3 - Cut / Fill Calculation

| Volume (cu3)      |      |                       |
|-------------------|------|-----------------------|
| Cut From Table 1  | 1426 | 4231                  |
| Fill From Table 2 | 1006 | 4231                  |
| Difference        | 420  | 3000 (to be imported) |

PHASE D

Table 1 - Excavations (Typical Formation Depths / Estimated Areas)

| Area                                 | excavation Depth (m) | Area (sq2) used to Formation Depth (sq2) |
|--------------------------------------|----------------------|------------------------------------------|
| Buildings                            | 600                  | 1500                                     |
| Highways                             | 300                  | 1500                                     |
| Private Drive / Parking Spaces       | 400                  | 4000                                     |
| New Gardens / Vegetation Landscaping | 500                  | 1500                                     |
| Public Footpaths                     | 600                  | 1500                                     |
| Foundations                          | 1200                 | 1500                                     |
| Drainage Basins                      | -                    | -                                        |
|                                      |                      | 5000                                     |
|                                      |                      | 5000 TOTAL CUT                           |

Table 2 - Existing / Proposed Ground Comparison (Cut/Fill)

| Volume (cu3) |    |                       |
|--------------|----|-----------------------|
| Cut          | 51 | 4231                  |
| Fill         | 18 | 4231                  |
| Difference   | 33 | 3000 (to be imported) |

Table 3 - Cut / Fill Calculation

| Volume (cu3)      |      |                       |
|-------------------|------|-----------------------|
| Cut From Table 1  | 2030 | 4231                  |
| Fill From Table 2 | 1006 | 4231                  |
| Difference        | 1024 | 3000 (to be imported) |

PHASES B&C

Table 1 - Excavations (Typical Formation Depths / Estimated Areas)

| Area                                 | excavation Depth (m) | Area (sq2) used to Formation Depth (sq2) |
|--------------------------------------|----------------------|------------------------------------------|
| Buildings                            | 600                  | 1500                                     |
| Highways                             | 300                  | 1500                                     |
| Private Drive / Parking Spaces       | 400                  | 1500                                     |
| New Gardens / Vegetation Landscaping | 500                  | 1500                                     |
| Public Footpaths                     | 600                  | 1500                                     |
| Foundations                          | 1200                 | 1500                                     |
| Drainage Basins                      | -                    | -                                        |
|                                      |                      | 4000                                     |
|                                      |                      | 4000 TOTAL CUT                           |

Table 2 - Existing / Proposed Ground Comparison (Cut/Fill)

| Volume (cu3) |    |                       |
|--------------|----|-----------------------|
| Cut          | 47 | 4231                  |
| Fill         | 18 | 4231                  |
| Difference   | 29 | 3000 (to be imported) |

Table 3 - Cut / Fill Calculation

| Volume (cu3)      |      |                       |
|-------------------|------|-----------------------|
| Cut From Table 1  | 4231 | 4231                  |
| Fill From Table 2 | 2192 | 4231                  |
| Difference        | 2039 | 3000 (to be imported) |

PHASE A

Table 1 - Excavations (Typical Formation Depths / Estimated Areas)

| Area                                 | excavation Depth (m) | Area (sq2) used to Formation Depth (sq2) |
|--------------------------------------|----------------------|------------------------------------------|
| Buildings                            | 600                  | 4000                                     |
| Highways                             | 300                  | 5000                                     |
| Private Drive / Parking Spaces       | 400                  | 2200                                     |
| New Gardens / Vegetation Landscaping | 500                  | 1500                                     |
| Public Footpaths                     | 600                  | 1500                                     |
| Foundations                          | 1200                 | 1500                                     |
| Drainage Basins                      | -                    | -                                        |
|                                      |                      | 1250                                     |
|                                      |                      | 1250 TOTAL CUT                           |

Table 2 - Existing / Proposed Ground Comparison (Cut/Fill)

| Volume (cu3) |    |                       |
|--------------|----|-----------------------|
| Cut          | 45 | 4231                  |
| Fill         | 18 | 4231                  |
| Difference   | 27 | 3000 (to be imported) |

Table 3 - Cut / Fill Calculation

| Volume (cu3)      |      |                       |
|-------------------|------|-----------------------|
| Cut From Table 1  | 1150 | 4231                  |
| Fill From Table 2 | 2192 | 4231                  |
| Difference        | 1042 | 3000 (to be imported) |

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|              |                                                    |
|--------------|----------------------------------------------------|
| total cut    | 91455 all phases                                   |
| total fill   | 91888 all phases                                   |
| difference   | 433 to be imported                                 |
| Basins       | 17727 cut / removed                                |
| Sports Pitch | 9740 fill / Import                                 |
| Total        | -7554 to be removed or spread on public open space |

| SURFACE LEVEL DATA |               |               |                |
|--------------------|---------------|---------------|----------------|
| NUMBER             | MINIMUM LEVEL | MAXIMUM LEVEL | COLOUR         |
| 1                  | -1.000        | -0.500        | Red            |
| 2                  | -0.500        | -0.100        | Orange         |
| 3                  | -0.100        | -0.050        | Yellow         |
| 4                  | -0.050        | 0.050         | Light Green    |
| 5                  | 0.050         | 0.100         | Green          |
| 6                  | 0.100         | 0.500         | Dark Green     |
| 7                  | 0.500         | 1.000         | Light Blue     |
| 8                  | 1.000         | 1.500         | Blue           |
| 9                  | 1.500         | 2.000         | Dark Blue      |
| 10                 | 2.000         | 2.500         | Very Dark Blue |



- NOTES:
- This drawing is to be read in conjunction with all other relevant engineering and landscaping drawings. Any discrepancies are to be reported to the Engineer immediately for clarification.
  - The development layout shown on this drawing is taken from GDM Architects drawing 4410/P004B.
  - Table 1 - Is based on an estimate of areas and uses typical formation depths.
  - Table 2 - Is based on preliminary cut / fill (isopach) information
  - Table 3 - Balances the difference between Tables 1 & 2.
  - Preliminary calculations show that a cut / fill balance should be achievable across the whole development.

AMENDED

FOR PLANNING PURPOSES ONLY  
NOT FOR CONSTRUCTION

|    |                                       |            |    |
|----|---------------------------------------|------------|----|
| P4 | UPDATED LAYOUT                        | 04/11/2024 | SL |
| P3 | SCALE BAR ADDED & PHASES RE-LABELLED  | 23/07/2024 | SL |
| P2 | UPDATED TO REFLECT LATEST SITE LAYOUT | 16/06/2024 | SL |

|      |           |      |      |
|------|-----------|------|------|
| rev. | amendment | date | chkd |
|------|-----------|------|------|

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client  
BELLWAY HOMES

project  
WILLOWBROOK, SITTINGBOURNE, KENT

scale @ A0 1:1000 | drawn by SO | checked by SL

date NOVEMBER 2024 | cad file mbsk240521-03.dwg

title  
ISOPACH PLAN

drawing number  
MBSK240521-03

rev.  
P4