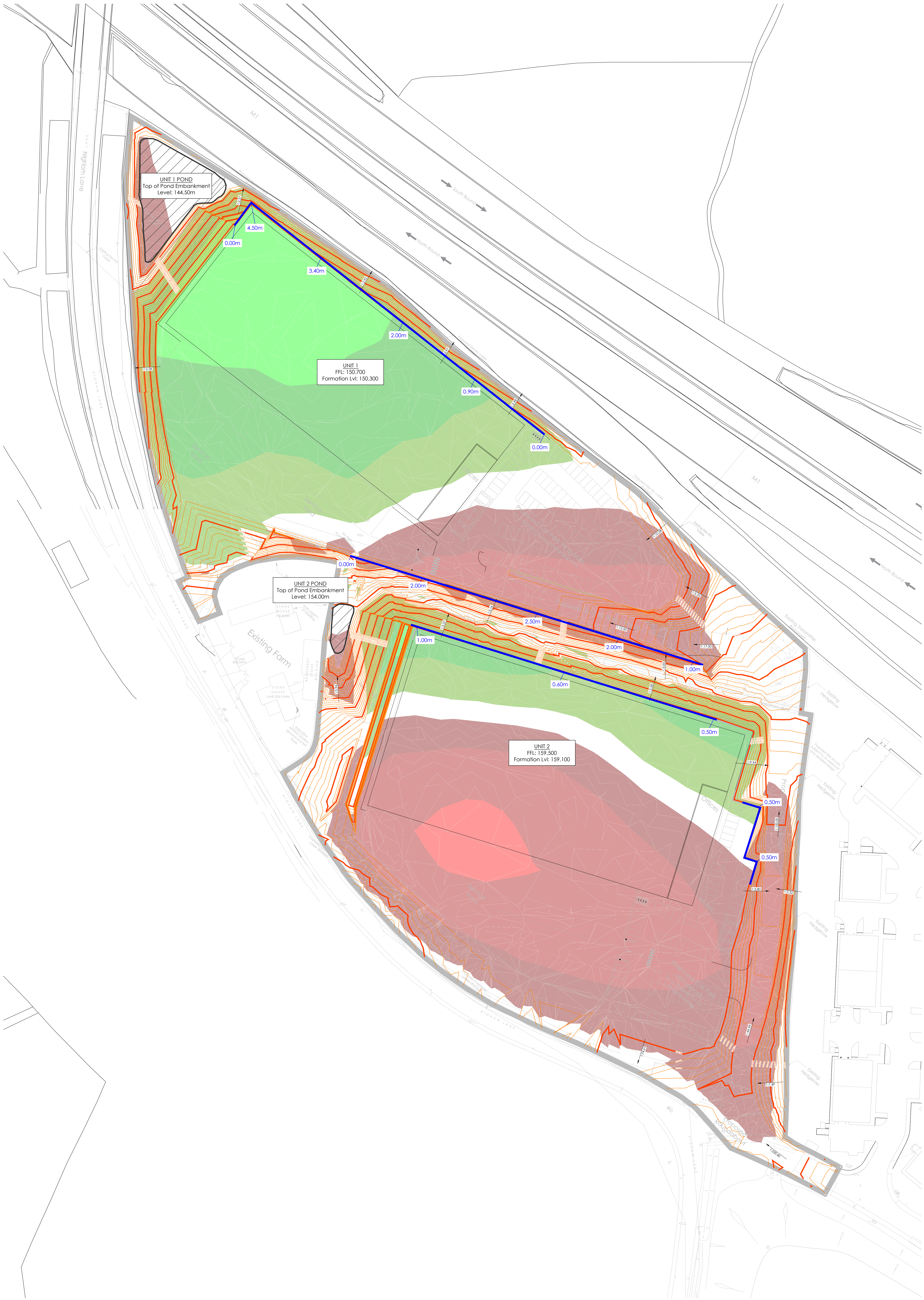




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NOTES

CUT AND FILL BY DEPTH BANDING

| BAND | MINIMUM LEVEL | MAXIMUM LEVEL | COLOUR |
|------|---------------|---------------|--------|
| 1    | -4.000        | -4.000        |        |
| 2    | -4.000        | -2.000        |        |
| 3    | -2.000        | -0.500        |        |
| 4    | -0.500        | 0.500         |        |
| 5    | 0.000         | 0.500         |        |
| 6    | 0.500         | 2.000         |        |
| 7    | 2.000         | 4.000         |        |
| 8    | 4.000         | 6.000         |        |

Site Specific:  
Maximum Cut Depth: 4.38m  
Maximum Fill Build-Up: 5.98m

Proposed Levels Contours

Approximate Retaining Wall Heights

Cut: 50798.40 Cu. M.  
Fill: 50426.10 Cu. M.  
Net Surplus: 372.30 Cu. M.

Site Perimeter Has Been Battered To Existing Levels At 1:3.

This Is A Site-Wide Cut/Fill Analysis And Should Not Be Relied Upon For Final Design. Further Detailed Design May Be Required.

Gradients And Spot Elevations Displayed Reflect The Proposed Finished Floor Levels.

Retaining Wall Locations Are Indicative And Are Subject To Detailed Design.

Cut/Fill Analysis Has Been Performed Using Two Proposed Plateaus Which Incorporate The Related Unit, Service Yard And Car Park.

Cut/Fill Analysis Has Been Performed Using Plateau Formation Levels:  
Plateau: -400mm

A 200mm Site Strip Was Calculated And Removed Prior To The Cut/Fill Analysis.

A Topsoil Site Strip Volume Of 10900.51 Cu. M. Has Been Calculated.

Attenuation Pond Arisings Have Not Been Accounted For In The Cut/Fill Analysis.

Bulking Factor Has Not Been Accounted For In The Cut/Fill Analysis.

Areas Not Shaded With The Cut/Fill Colour Banding Have Not Been Included In The Cut/Fill Analysis.

The Topography Used In The Cut/Fill Analysis Has Been Generated From Combining 'Ellam Land Surveys, Topographical Survey, Drawing No. 6050/1'.

|     |              |          |     |
|-----|--------------|----------|-----|
| P01 | FIRST ISSUE. | 16.02.19 | OLT |
| REV | DESCRIPTION  | DATE     | BY  |

Project  
HIGHAM LANE NORTH,  
JN 37, M1,  
DODDORTH

Drawing Title  
CUT/FILL ANALYSIS

INFORMATION ISSUE

Architect  
THP

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|                         |                      |                |         |              |
|-------------------------|----------------------|----------------|---------|--------------|
| JPG Project Ref<br>4173 | Scale at A0<br>1:500 | Date<br>JSL/19 | Checked | Drawn<br>OLT |
|-------------------------|----------------------|----------------|---------|--------------|

4173 - JPG - SW - 00 - DR - C - 1200 S2 P01

Cut/Fill Summary

| Name              | Cut Factor | Fill Factor | 2d Area      | Cut             | Fill            | Net                |
|-------------------|------------|-------------|--------------|-----------------|-----------------|--------------------|
| Cut/Fill Analysis | 1.000      | 1.000       | 54502.57sq.m | 50798.40 Cu. M. | 50426.10 Cu. M. | 372.30 Cu. M.<Cut> |

Analysis has been performed using topographical surface generated from 'Ellam Land Surveys, Topographical Survey, Drawing No. 6050/1'.

Analysis has incorporated a 200mm site strip, and so site strip volume is not included in the calculation above.

The total site strip volume calculated is 10900.51 Cu. M.

Analysis has not included attenuation basin arisings.

Analysis has not included a bulking factor.