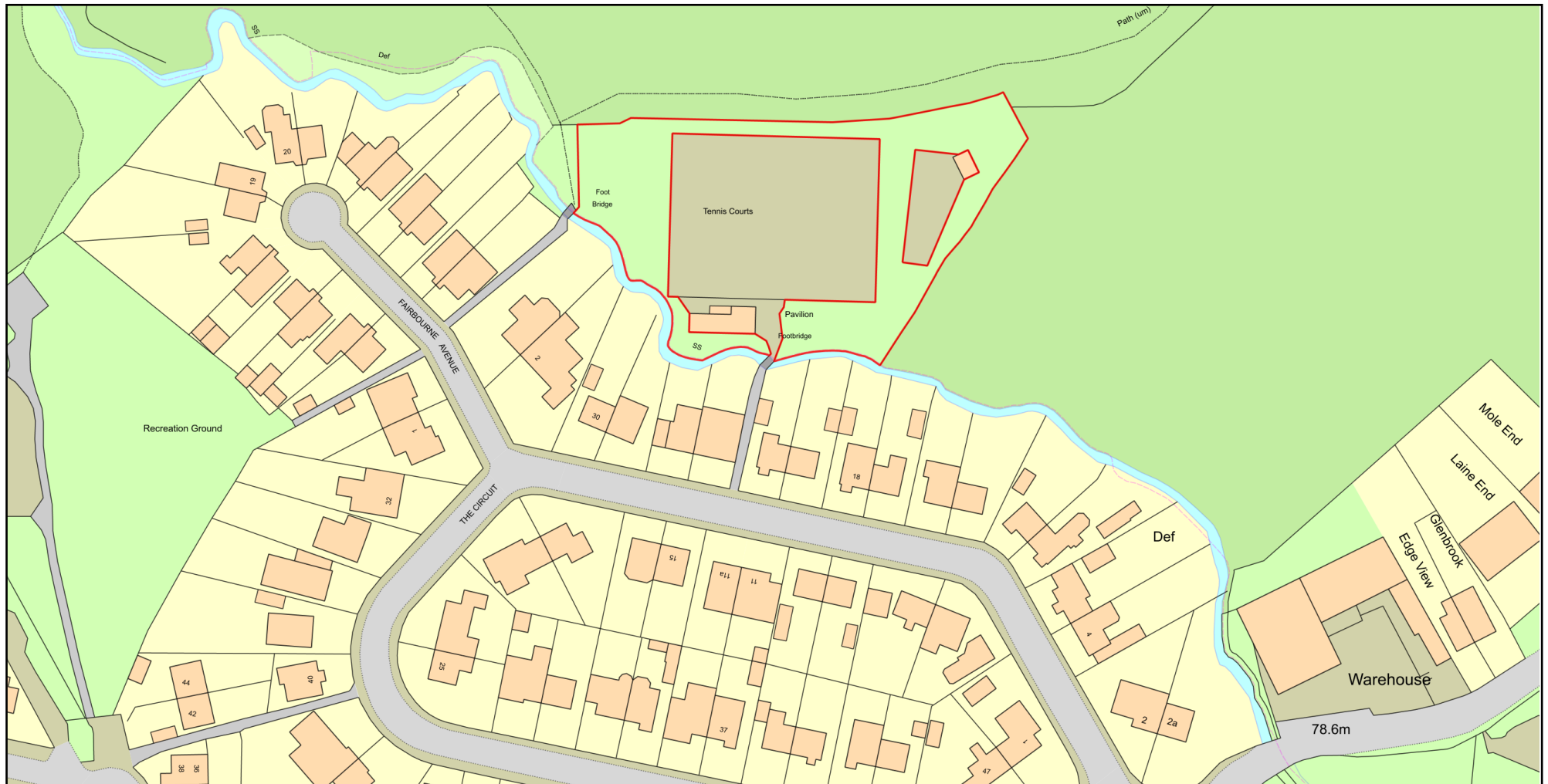


24/4944/FUL

Heyes Lane Tennis Club, The  
Circuit, Alderley Edge,

SK9 7LT

# Heyes Lane Tennis Club\_location plan



Plan Produced for: Viren Gandhi, Chairperson

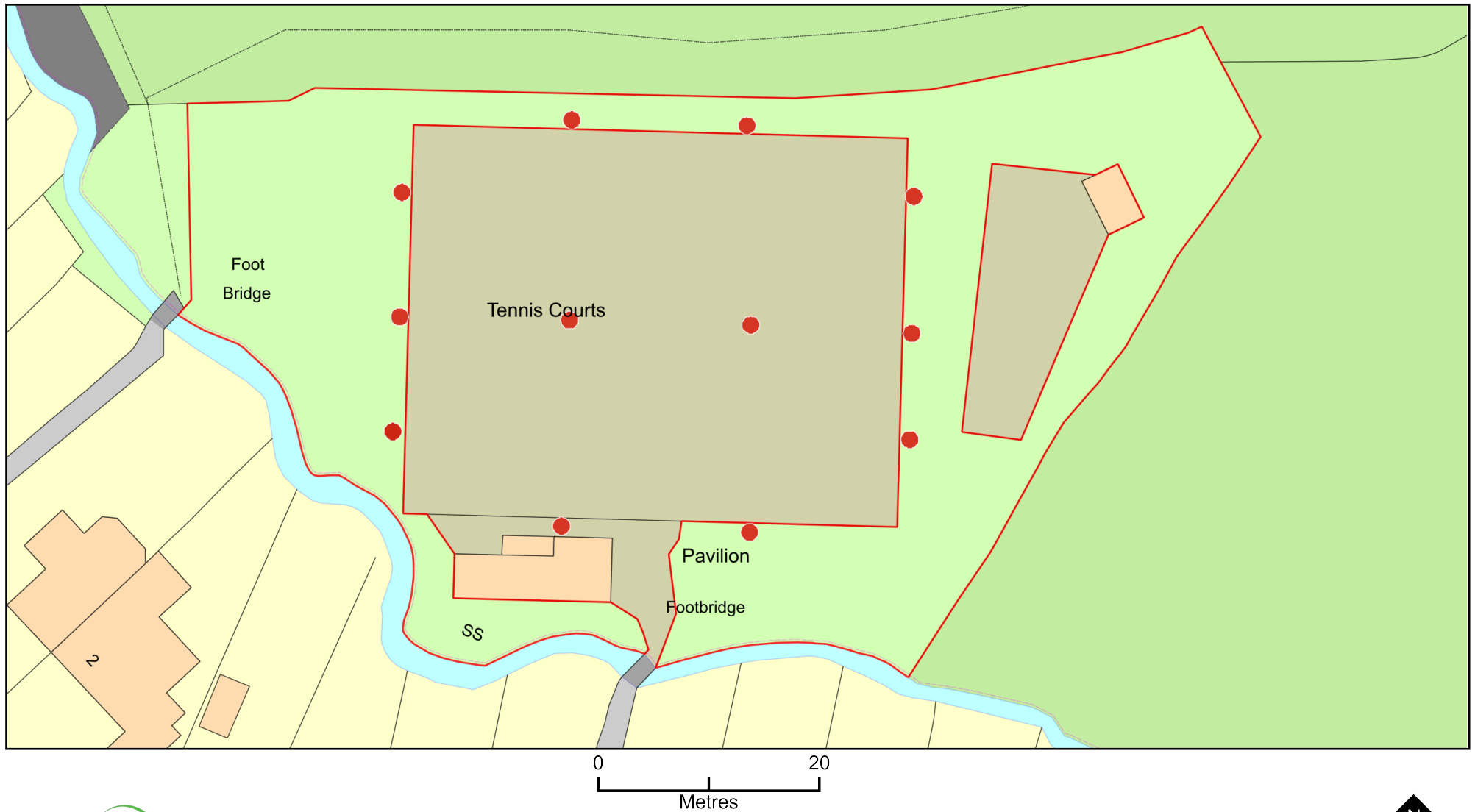
Date Produced: 15 Jan 2025

Plan Reference Number: TQRQM25015112902563

Scale: 1:1250 @ A4

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# HeyesLane Tennis Proposed block plan - approx position of 12 lighting poles



Plan Produced for: Viren Gandhi, Chairperson

Date Produced: 15 Jan 2025

Plan Reference Number: TQRQM25015114036510

Scale: 1:500 @ A4

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Designed to meet LTA recommended Standards  
PPA = 400-500lux (maintained) 0.70,in/ave Uniformity.  
TPA = 300-400lux (maintained) 0.60,in/ave Uniformity.

All floodlights mounted at 7 metres

Design completed using a total of  
10 No ClearFlood Large BVP657 T25  
1xLED850-4S/730 FP A55 - LO  
04 No OptiVision 2 module BVP518 IN T45  
1xLED1060-4S/730/730 E3/D4I A55-NMB LTM

All fittings are fitted with internal louvres to reduce obtrusive light.

Courts 1&2 and Courts 2&3 share the BVP518 fittings

MF 0.95 - Performance  
MF 1.0 Overspill (Worst case when new)

| Calc | Grid             | Unit | Ave | Min | Max  | Uo   | Min/Max |
|------|------------------|------|-----|-----|------|------|---------|
| 1    | Court 1 PPA      | lux  | 449 |     |      | 0.81 | 0.56    |
| 2    | Court 1 TPA      | lux  | 434 |     |      | 0.67 | 0.45    |
| 3    | Court 2 PPA      | lux  | 406 |     |      | 0.77 | 0.64    |
| 4    | Court 2 TPA      | lux  | 404 |     |      | 0.77 | 0.65    |
| 5    | Court 3 PPA      | lux  | 440 |     |      | 0.8  | 0.57    |
| 6    | Court 3 TPA      | lux  | 424 |     |      | 0.66 | 0.45    |
| 7    | Ev Hse 1         | lux  |     |     | 0.51 |      |         |
| 8    | Ev Hse 2         | lux  |     |     | 0.49 |      |         |
| 9    | Ev Hse 3         | lux  |     |     | 0.9  |      |         |
| 10   | Ev Hse 4         | lux  |     |     | 0.65 |      |         |
| 11   | Ev Hse 5         | lux  |     |     | 0.43 |      |         |
| 12   | Ev Hse 6         | lux  |     |     | 0.17 |      |         |
| 13   | Ev Hedgerow East | lux  |     |     | 1.63 |      |         |
| 14   | Ev Hedgerow S/W  | lux  |     |     | 1.88 |      |         |



Notes:

1) Unless agreed otherwise, the lighting proposal produced by the Lighting Application Specialist (LiAS) team of Signify UK&I is not intended for construction purposes, as it does not take into account the elimination of health and safety risks at this stage. For further details please refer to sheet number **DWG 00**

2) Do not scale for this drawing

**PROPOSAL**  
(NOT FOR CONSTRUCTION)

| Rev | DSR no.  | Comment                                                              | Date     | LiAS | KAM |
|-----|----------|----------------------------------------------------------------------|----------|------|-----|
| 0   | D-577194 | BVP518 / BVP651 Combo 7m Perform & Spill Results - LTA               | 04/07/24 | SJ   | AP  |
| 1   | D-593074 | BVP518 / BVP657 Combo 7m Perform & Spill Results - LTA All LO Louvre | 11/09/24 | SJ   | AP  |
|     |          |                                                                      |          |      |     |
|     |          |                                                                      |          |      |     |
|     |          |                                                                      |          |      |     |
|     |          |                                                                      |          |      |     |
|     |          |                                                                      |          |      |     |
|     |          |                                                                      |          |      |     |

|                    |            |
|--------------------|------------|
| Project Number     | 0401014539 |
| Scale & Sheet Size | 1:100 @ A1 |
| Sheet No           | PR-DWG 01  |

|              |                                               |
|--------------|-----------------------------------------------|
| Project Name | Heyes Lane Tennis Club, Alderley Edge         |
| Drawing Name | 7m BVP518/BVP657 Combo Performance - LTA - R1 |





Designed to meet LTA recommended Standards  
PPA = 400-500lux (maintained) 0.70,in/ave Uniformity.  
TPA = 300-400lux (maintained) 0.60,in/ave Uniformity.

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04 No OptiVision 2 module BVP518 IN T45  
1xLED1060-4S/730/730 E3/D41 A55-NMB LTM

All fittings are fitted with internal louvres to reduce obtrusive light.

Courts 1&2 and Courts 2&3 share the BVP518 fittings

MF 0.95 - Performance  
MF 1.0 Overspill (Worst case when new)

| Calc | Grid             | Unit | Ave | Min | Max  | Uo   | Min/Max |
|------|------------------|------|-----|-----|------|------|---------|
| 1    | Court 1 PPA      | lux  | 449 |     |      | 0.81 | 0.56    |
| 2    | Court 1 TPA      | lux  | 434 |     |      | 0.67 | 0.45    |
| 3    | Court 2 PPA      | lux  | 406 |     |      | 0.77 | 0.64    |
| 4    | Court 2 TPA      | lux  | 404 |     |      | 0.77 | 0.65    |
| 5    | Court 3 PPA      | lux  | 440 |     |      | 0.8  | 0.57    |
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| 7    | Ev Hse 1         | lux  |     |     | 0.51 |      |         |
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| 9    | Ev Hse 3         | lux  |     |     | 0.9  |      |         |
| 10   | Ev Hse 4         | lux  |     |     | 0.65 |      |         |
| 11   | Ev Hse 5         | lux  |     |     | 0.43 |      |         |
| 12   | Ev Hse 6         | lux  |     |     | 0.17 |      |         |
| 13   | Ev Hedgerow East | lux  |     |     | 1.63 |      |         |
| 14   | Ev Hedgerow S/W  | lux  |     |     | 1.88 |      |         |

  
BVP657

  
BVP518

  
Internal Louvre for BVP518


Project Name  
**Heyes Lane Tennis Club, Alderley Edge**

Drawing Name  
**7m BVP518/BVP657 Combo Spill - LTA - R1**

- Notes:
- 1) Unless agreed otherwise, the lighting proposal produced by the Lighting Application Specialist (LiAS) team of Signify UK&I is not intended for construction purposes, as it does not take into account the elimination of health and safety risks at this stage. For further details please refer to sheet number **DWG 00**
  - 2) Do not scale for this drawing

**PROPOSAL**  
(NOT FOR CONSTRUCTION)

| Rev | DSR no.  | Comment                                                              | Date     | LiAS | KAM |
|-----|----------|----------------------------------------------------------------------|----------|------|-----|
| 0   | D-577194 | BVP518 / BVP651 Combo 7m Perform & Spill Results - LTA               | 04/07/24 | SJ   | AP  |
| 1   | D-593074 | BVP518 / BVP657 Combo 7m Perform & Spill Results - LTA All LO Louvre | 11/09/24 | SJ   | AP  |
|     |          |                                                                      |          |      |     |
|     |          |                                                                      |          |      |     |
|     |          |                                                                      |          |      |     |
|     |          |                                                                      |          |      |     |
|     |          |                                                                      |          |      |     |

Project Number  
**0401014539**

Scale & Sheet Size  
**1:200 @ A1**

Sheet No  
**SP-DWG 01**