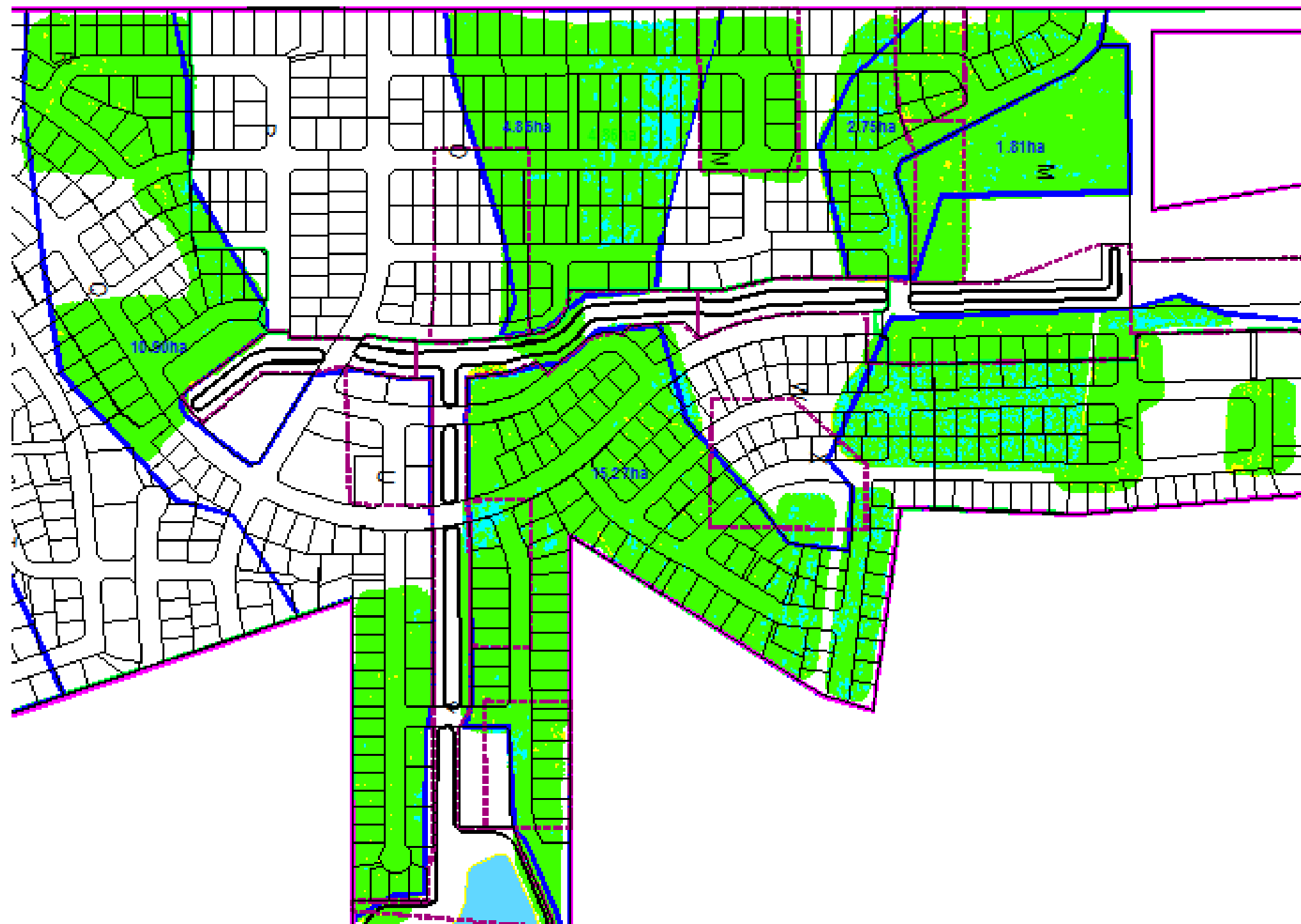


Appendix B

Landpac CIR



CIR SOIL RESPONSE

- **Low**
- **Medium**
- **High**
- **Very High**

Notes:

The CIR plot indicates the relative soil response to the dynamic loads imposed by the impact drums. The plot is derived from the recorded deceleration of the impact drums and the GPS locations of each impact point. High response values are typically a function of the sub-grade stiffness to a depth of the strain induced by the impact drums. The low and medium response values can be influenced by near surface soil conditions and do not necessarily indicate weaker sub-grade stiffness to a comparative depth. The low and medium response areas should be further investigated by a geotechnical engineer to confirm the suitability of the sub-grade.



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Drawn: SD Date: 31/01/2015
 Ckd: SD Date: 03/02/2015

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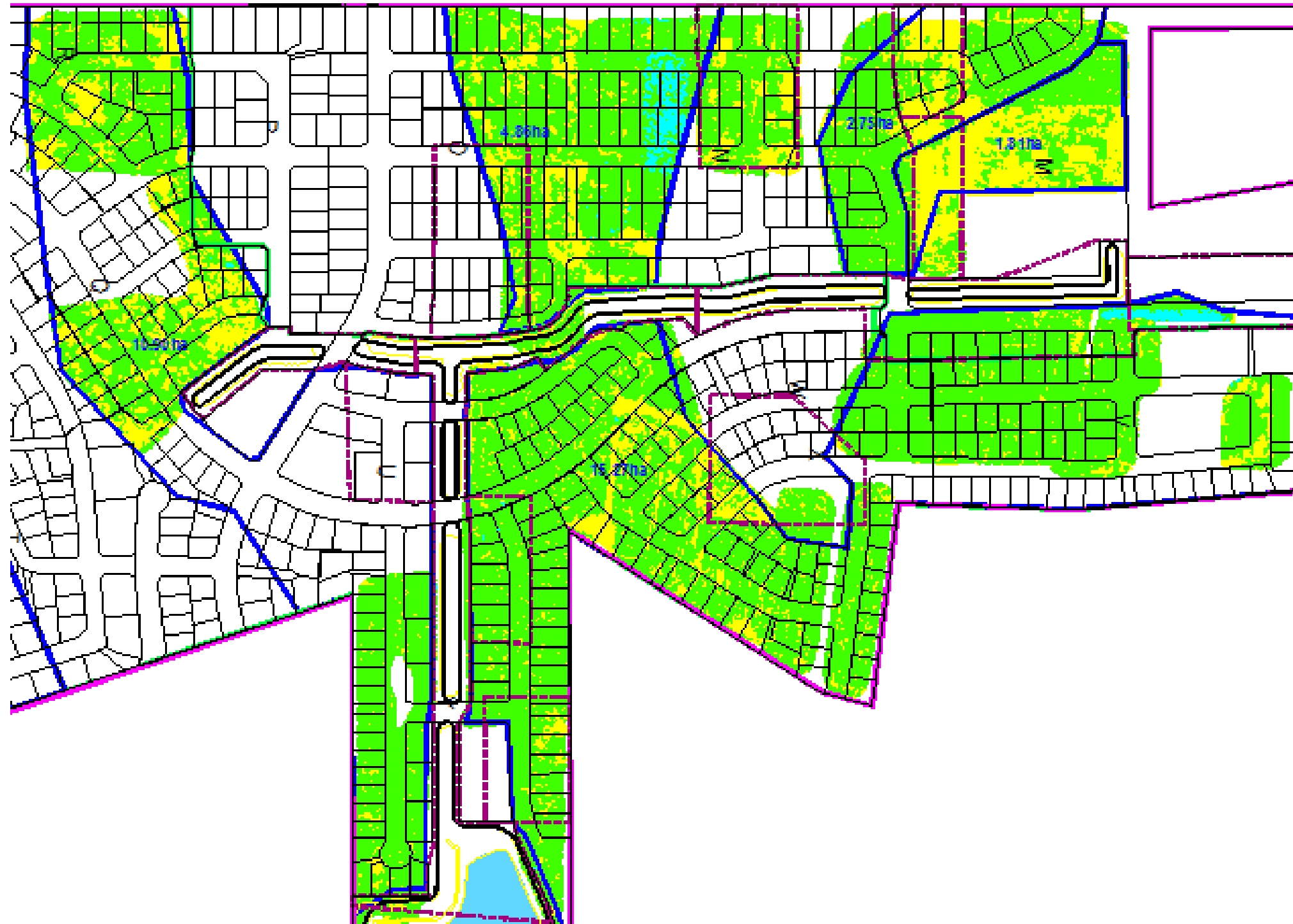
Project:
PRESTONS SOUTH

Drawing Title
FINAL CIR (Soil Response) Plot

Drg. No: Prestons-025

REV-
 A





CIR SOIL RESPONSE

- **Low**
- **Medium**
- **High**
- **Very High**

Notes:

The CIR plot indicates the relative soil response to the dynamic loads imposed by the impact drums. The plot is derived from the recorded deceleration of the impact drums and the GPS locations of each impact point. High response values are typically a function of the sub-grade stiffness to a depth of the strain induced by the impact drums. The low and medium response values can be influenced by near surface soil conditions and do not necessarily indicate weaker sub-grade stiffness to a comparative depth. The low and medium response areas should be further investigated by a geotechnical engineer to confirm the suitability of the sub-grade.



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Project:
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Drawing Title
INITIAL CIR (Soil Response) Plot

Drg. No: Prestons-024

REV-
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