

DATE: 30 July 2019
DESIGNER: Alex Naper
PROJECT No: SES 07919 Rev F
PROJECT NAME: Newcastle - Cairn Homes



Main through road designed to BS5489-1:2013 Category P3.
Other roads and footpaths designed to BS4589-1:2013 Category P4.

Rev A : All sites combined onto one drawing.
Rev B : Up issued with new date.
Rev C : Updated to suit layout.
Rev D : Columns moved to suit updated layout
Rev E: Column P1 relocated
Rev F: Updated Layout & LEDs changed to warm white.

Outdoor Lighting Report

PREPARED BY: Sabre Electrical Services Ltd.
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Horizontal Illuminance (lux)

Grid 1



Results

Eav	4.51
Emin	0.95
Emax	18.88
Emin/Emax	0.05
Emin/Eav	0.21

Horizontal Illuminance (lux)

Grid 2

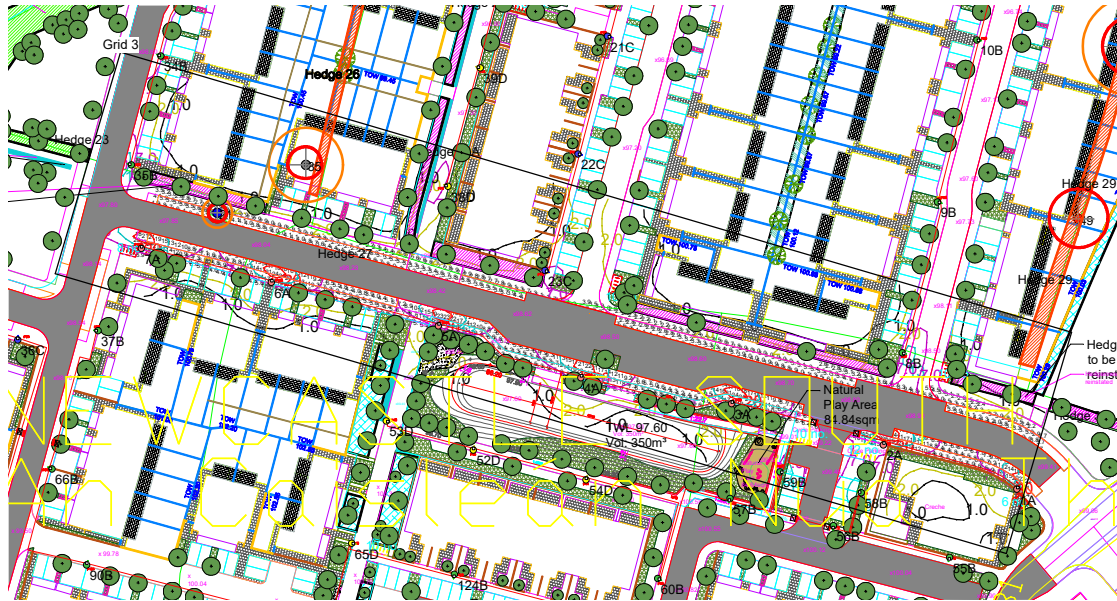


Results

Eav	4.98
Emin	0.99
E _{max}	16.67
E _{min} /E _{max}	0.06
E _{min} /E _{av}	0.20

Horizontal Illuminance (lux)

Grid 3

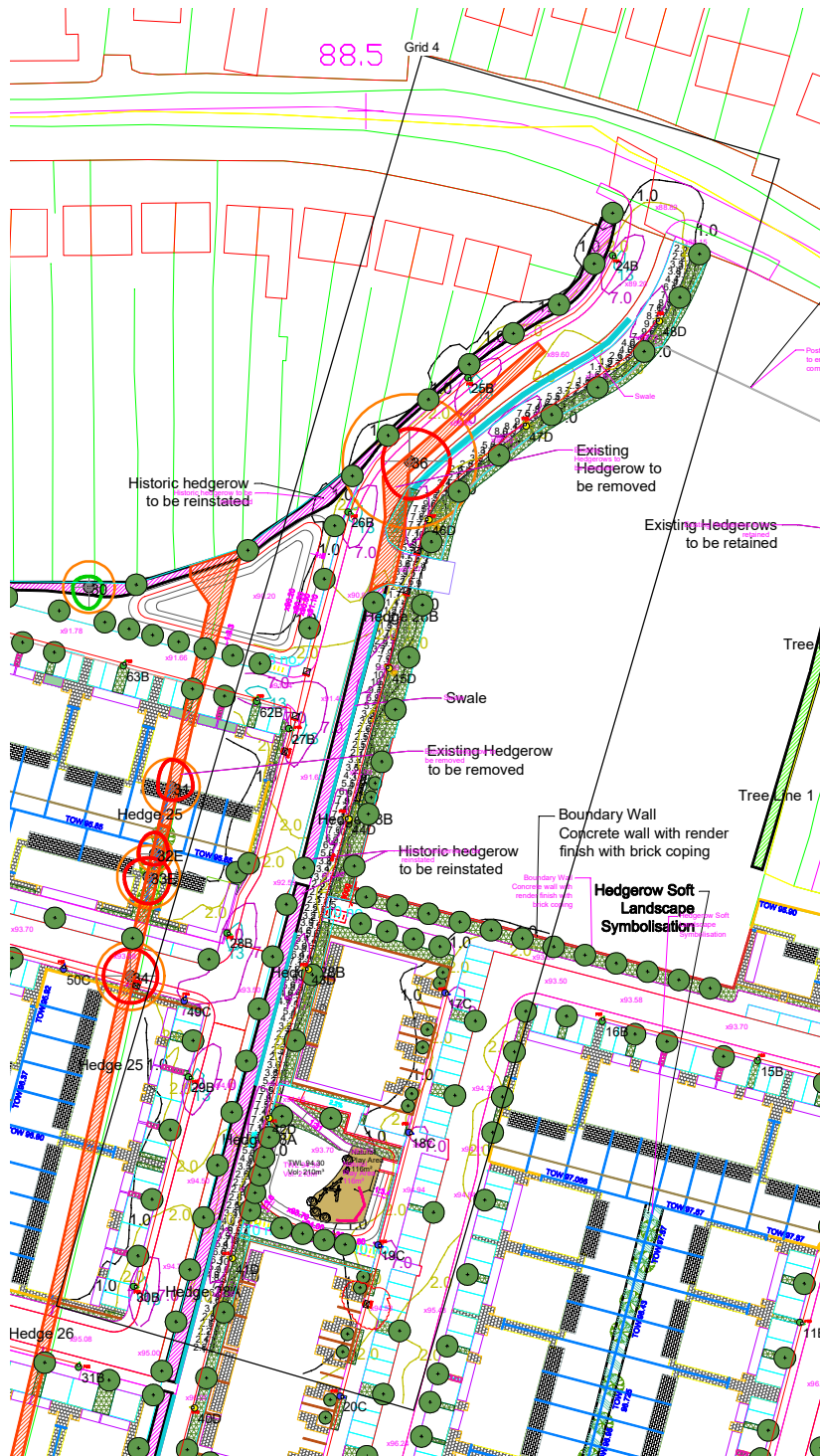


Results

Eav	7.07
Emin	1.93
Emax	25.09
Emin/Emax	0.08
Emin/Eav	0.27

Horizontal Illuminance (lux)

Grid 4

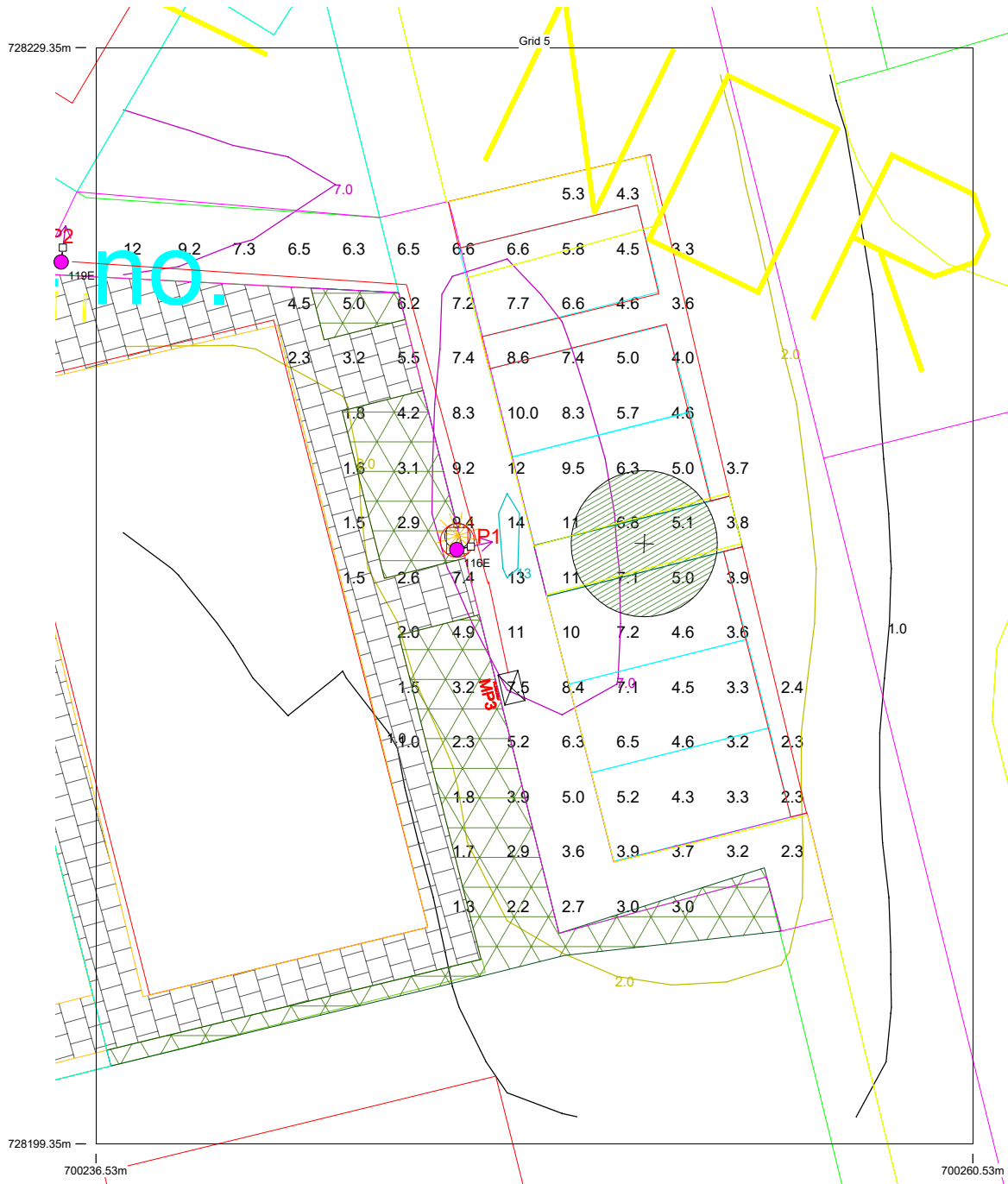


Results

Eav	4.77
Emin	0.98
Emax	12.79
Emin/Emax	0.08
Emin/Eav	0.21

Horizontal Illuminance (lux)

Grid 5

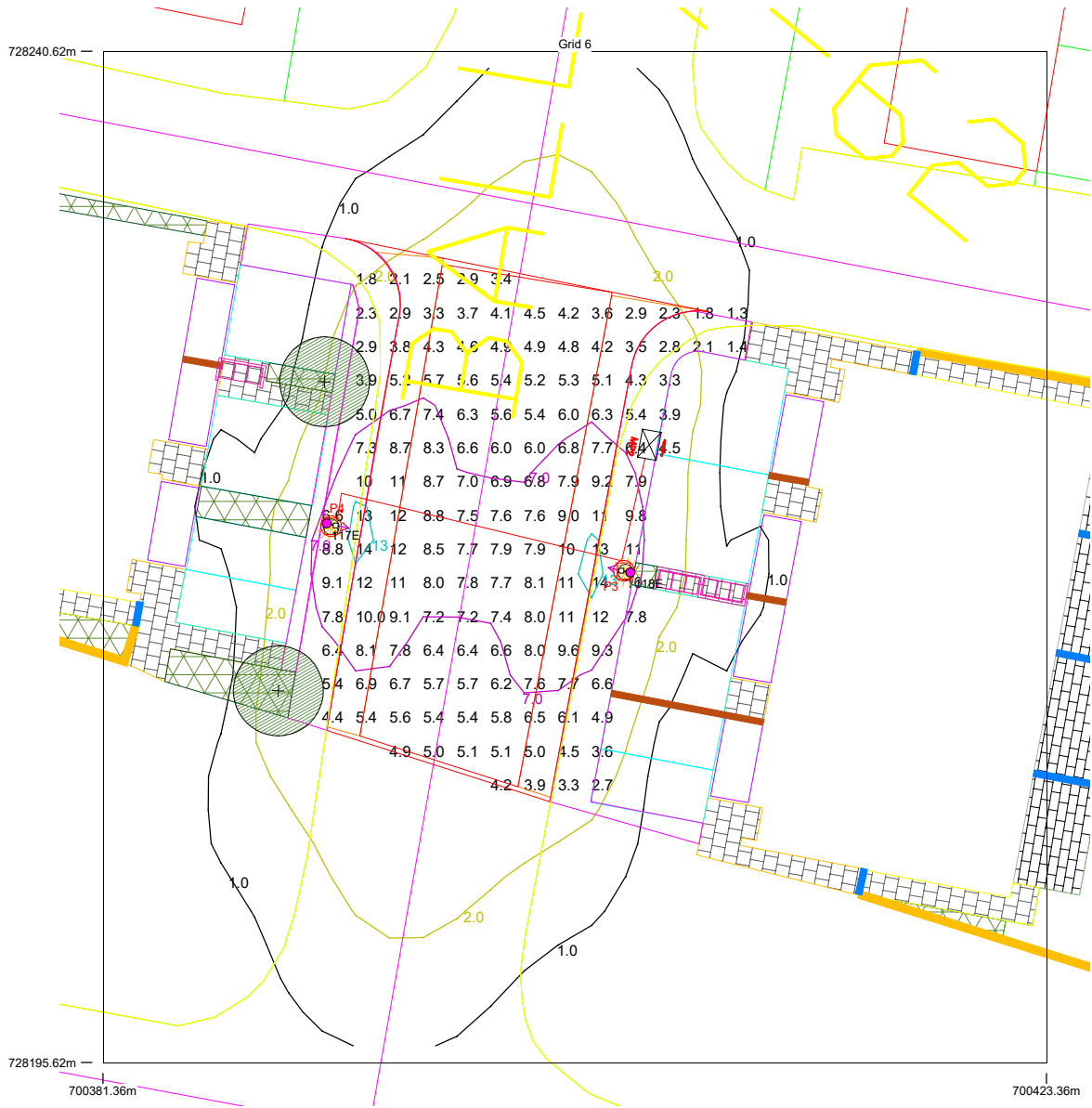


Results

Eav	5.33
Emin	1.05
Emax	13.67
Emin/Emax	0.08
Emin/Eav	0.20

Horizontal Illuminance (lux)

Grid 6



Results

Eav	6.51
Emin	1.34
Emax	14.27
Emin/Emax	0.09
Emin/Eav	0.21

Horizontal Illuminance (lux)

Grid 7



Results

Eav	4.73
Emin	0.93
Emax	13.98
Emin/Emax	0.07
Emin/Eav	0.20