

317 Finchley Road
London
NW3 6EP

Site Lighting Proposal for Demolition and Construction Works

In connection with Condition 33: Precautionary Working Approach

Planning Permission Ref: 2016/2910/P

PMP Construction Limited

January 2018
Rev 00

Site Lighting Proposal

Site lighting will be provided in accordance with the attached plans showing the lighting during the demolition phase of the works, and the lighting during the construction phase of the works.

Site working hours will be 8.00am to 6.00pm. There will be no site lighting outside of these working hours. The lights will be controlled by on/off switches, without the use of time-switches.

The light-fittings will be COB LED Slim Floodlights type 7028E with adjustable light control hoods. Details of the fittings and lighting calculations and diagrams are on the following pages.

The light-fittings will be fixed to the internal face of the site hoarding at a height of 2.0 metres above ground level.

During the demolition phase the light-control hoods will be used to ensure that the lighting is focused on the site but not directly onto the existing building. During the construction phase the light-control hoods will be used to ensure that the lighting is focused on the site and the new building.

During both the demolition and construction phases the light-control hoods will be used to prevent the lighting from pointing upwards or at trees, and to prevent the lighting from scattering onto the neighbouring environment.

The COB LED Slim Floodlights

Die cast

	<p>7028A 10W COB LED Die cast</p>
	<p>7028AB 20W COB LED Die cast</p>
	<p>7028B 30W COB LED Die cast</p>
	<p>7028C 50W COB LED Die cast</p>
	<p>7028E 100W COB LED Die cast</p>

Order Code	Colour	Light Colour	CCT (K)	Watts	Lumen (lm)	Beam Angle	Input	Class	⚡	🔌	Notes
7028A/AN/C	Anthracite	Cool white	4000K	10W	700lm	120°	100-240V	⚡	100cm	20	Complete with driver
7028AB/AN/C	Anthracite	Cool white	4000K	20W	1400lm	120°	100-240V	⚡	100cm	12	Complete with driver
7028B/AN/D	Anthracite	Daylight	6000K	30W	2200lm	120°	100-240V	⚡	100cm	10	Complete with driver
7028B/AN/C	Anthracite	Cool white	4000K	30W	2100lm	120°	100-240V	⚡	100cm	10	Complete with driver
7028C/AN/D	Anthracite	Daylight	6500K	50W	3700lm	120°	100-240V	⚡	100cm	6	Complete with driver
7028C/AN/C	Anthracite	Cool white	4000K	50W	3500lm	120°	100-240V	⚡	100cm	6	Complete with driver
7028C/AN/W	Anthracite	Warm white	3000K	50W	3300lm	120°	100-240V	⚡	100cm	6	Complete with driver
7028E/AN/C	Anthracite	Cool white	4000K	2x50W	7000lm	120°	100-240V	⚡	100cm	3	Complete with driver

LIGHT CONTROL HOOD FOR COB LED SLIM FLOODLIGHTS



317 Finchley Road London NW3 6EP

Proposed External Lighting Layout

Partner for Contact:
Order No.:
Company:
Customer No.:

Date: 28.11.2017
Operator:

317 Finchley Road London NW3 6EP



DIALux

28.11.2017

Operator
Telephone
Fax
e-Mail

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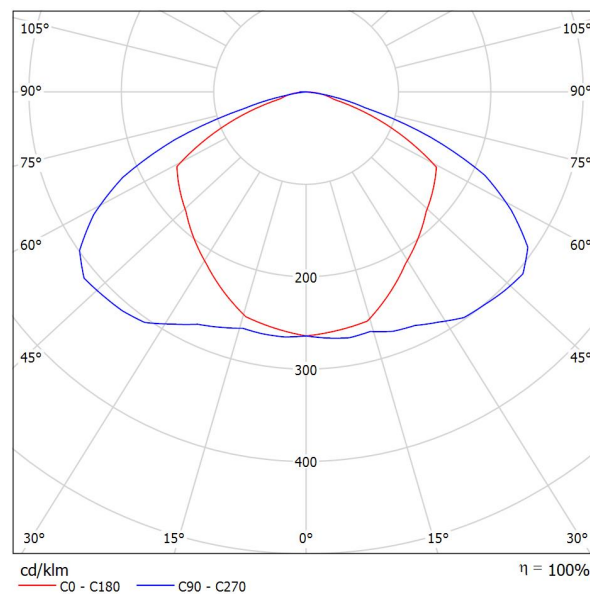
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ONE Light Ltd LED Floodlight Ltd / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 40 77 97 100 100

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

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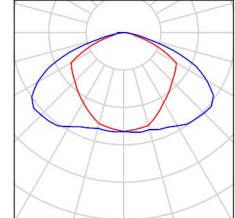
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Exterior Scene 1 / Luminaire parts list

5 Pieces ONE Light Ltd LED Floodlight Ltd
Article No.:
Luminous flux (Luminaire): 8449 lm
Luminous flux (Lamps): 8452 lm
Luminaire Wattage: 98.4 W
Luminaire classification according to CIE:
100
CIE flux code: 40 77 97 100 100
Fitting: 1 x User defined (Correction Factor
1.000).

See our luminaire
catalog for an image
of the luminaire.



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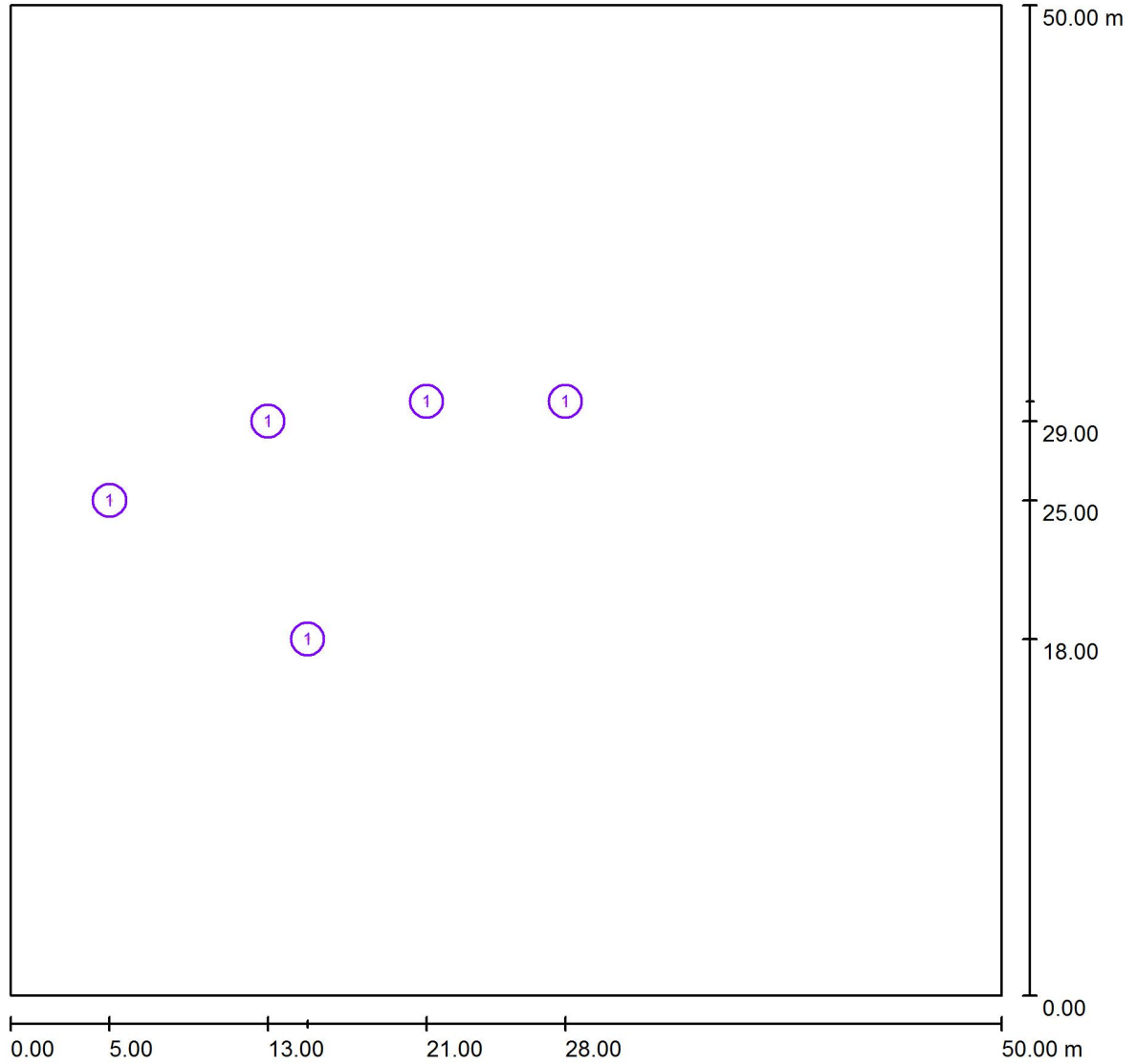


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Exterior Scene 1 / Luminaires (layout plan)



Scale 1 : 358

Luminaire Parts List

No.	Pieces	Designation
1	5	ONE Light Ltd LED Floodlight Ltd

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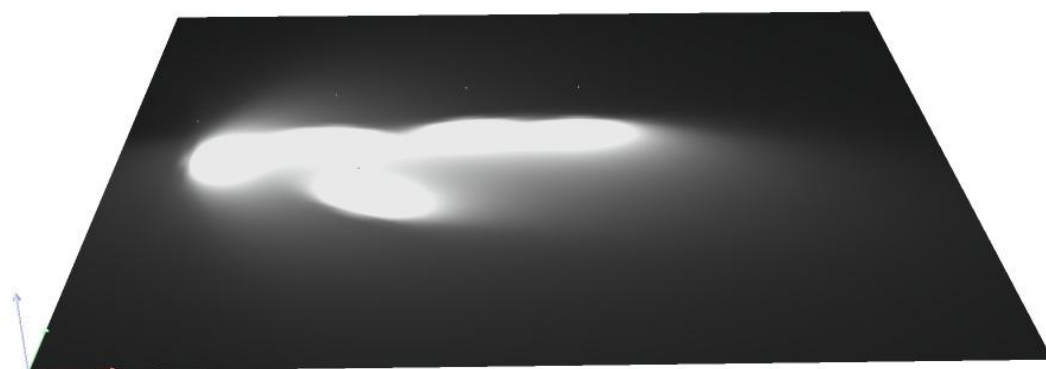


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Exterior Scene 1 / 3D Rendering



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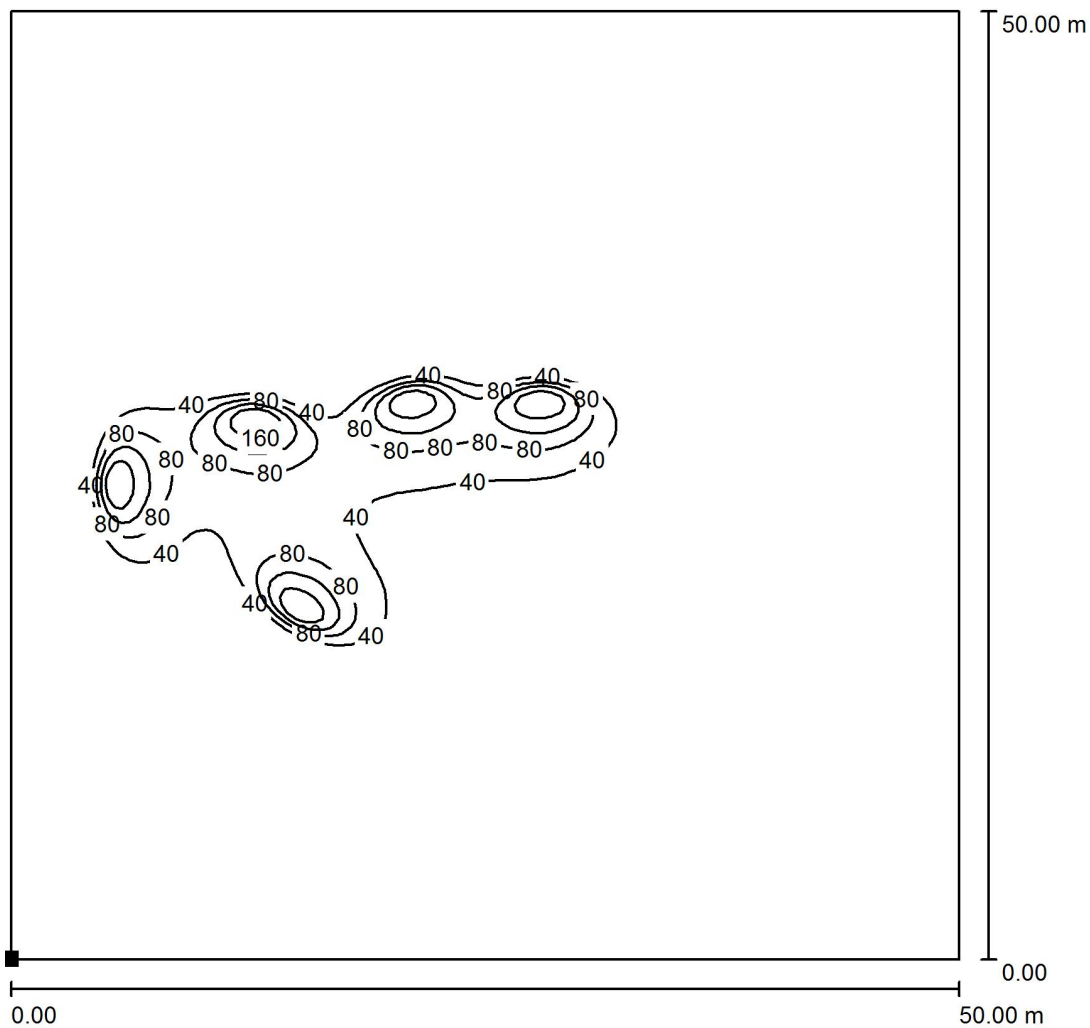


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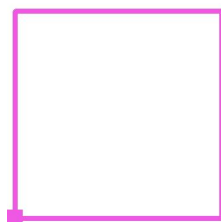
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Exterior Scene 1 / Ground Element 1 / Surface 1 / Isolines (E)



Values in Lux, Scale 1 : 391

Position of surface in external scene:
Marked point:
(0.000 m, 0.000 m, 0.000 m)



Grid: 128 x 128 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
9.71	0.07	193	0.008	0.000

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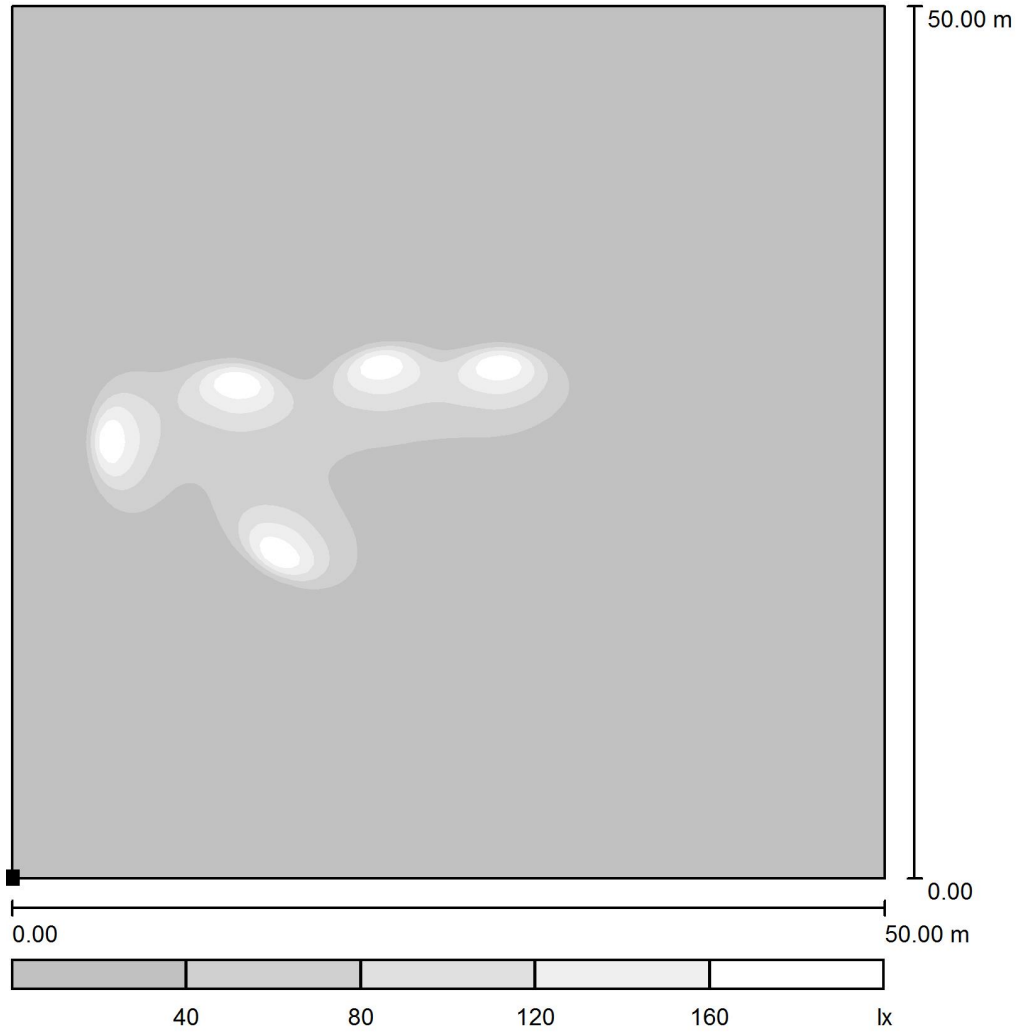


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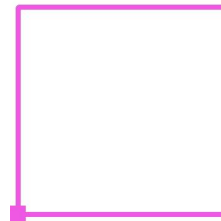
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Exterior Scene 1 / Ground Element 1 / Surface 1 / Greyscale (E)



Scale 1 : 425

Position of surface in external scene:
Marked point:
(0.000 m, 0.000 m, 0.000 m)



Grid: 128 x 128 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
9.71	0.07	193	0.008	0.000

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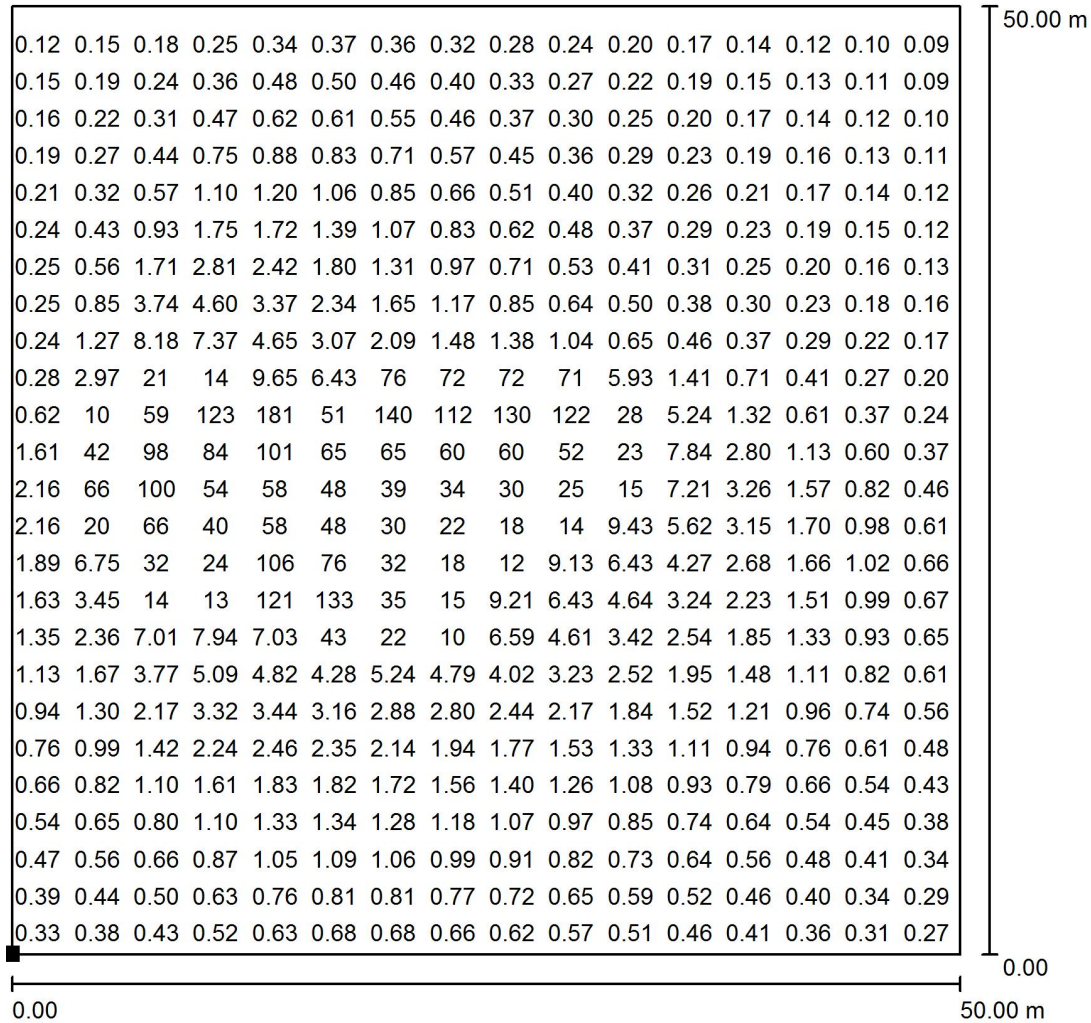


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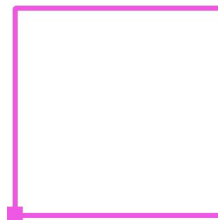
Exterior Scene 1 / Ground Element 1 / Surface 1 / Value Chart (E)



Values in Lux, Scale 1 : 391

Not all calculated values could be displayed.

Position of surface in external scene:
Marked point:
(0.000 m, 0.000 m, 0.000 m)



Grid: 128 x 128 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
9.71	0.07	193	0.008	0.000

--- Hoarding Line

Light Fitting

Finchley Road and
Frognaal Station

Finchley Road

Billy Fury Way

00 Rev. For Information Details SN Check 08.12.2017 Date

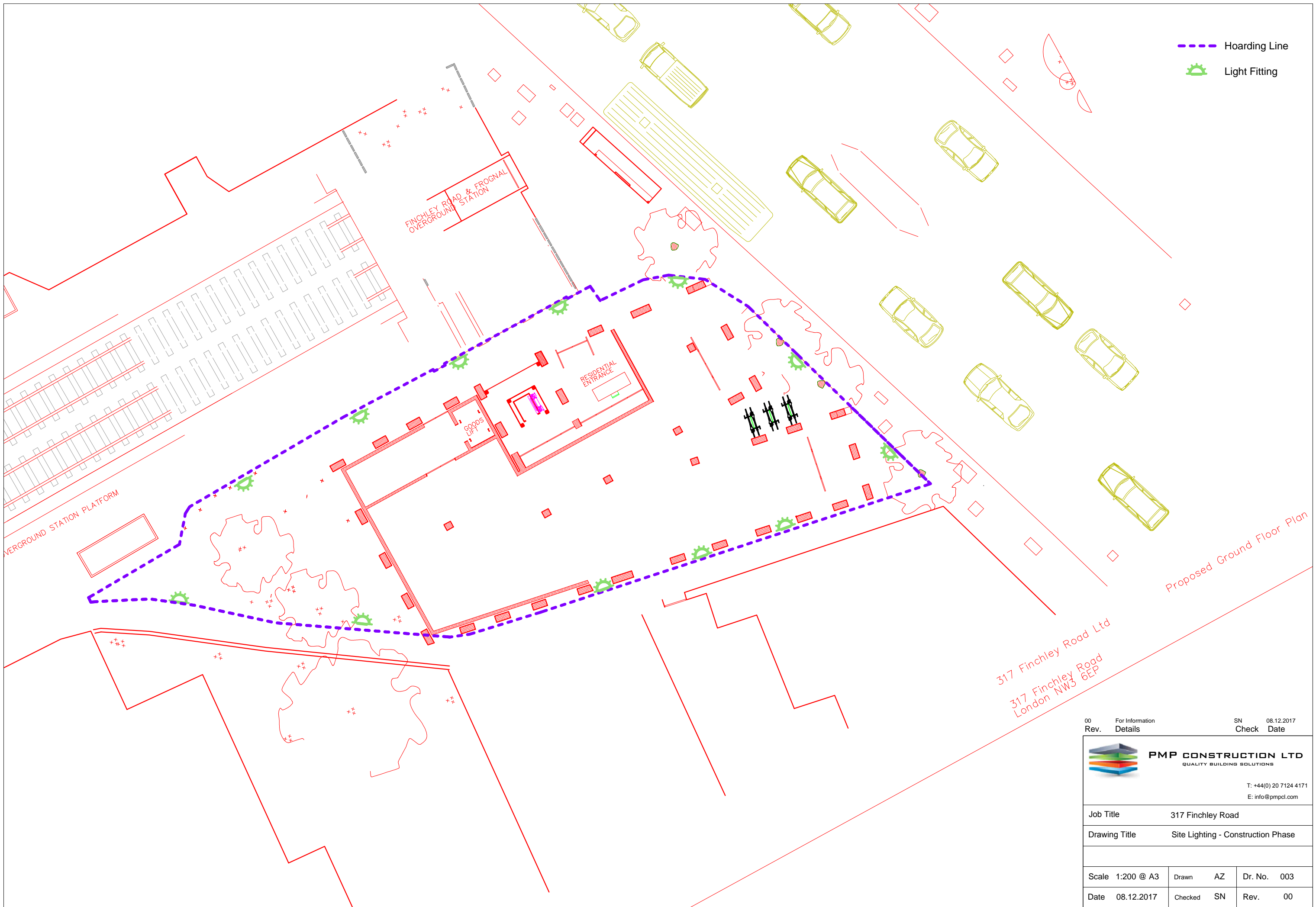


PMP CONSTRUCTION LTD
QUALITY BUILDING SOLUTIONS

T: +44(0) 20 7124 4171
E: info@pmpcl.com

Job Title 317 Finchley Road
Drawing Title Site Lighting - Demolition Phase

Scale 1:200 @ A3	Drawn AZ	Dr. No. 002
Date 08.12.2017	Checked SN	Rev. 00



- - - - Hoarding Line
- ⚙ Light Fitting

VERGROUND STATION PLATFORM

FINCHLEY ROAD & FROGNAL
OVERGROUND STATION

RESIDENTIAL
ENTRANCE

GOODS
LIFT

317 Finchley Road Ltd
317 Finchley Road
London NW3 6EP

Proposed Ground Floor Plan

00	For Information	SN	08.12.2017
Rev.	Details	Check	Date


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 E: info@pmpcl.com

Job Title		317 Finchley Road	
Drawing Title		Site Lighting - Construction Phase	
Scale	1:200 @ A3	Drawn	AZ
Date	08.12.2017	Checked	SN
Dr. No.	003	Rev.	00