© 2020 COUCH PERRY WILKES
ALL SCALED DIMENSIONS TAKEN FROM THE DRAWING ARE TO BE VERIFIED ON SITE

CALCULATION RESULTS

Area	Average Level Achieved (Lux)	Uniformity
Amenity Area	23	0.44
Access Road (Directly off road)	13	0.39
Building Entrance	47	0.66
Car Park	13	0.39
Entrance Gatehouses	62	0.40
Entry Road	12	0.59
Exit Gatehouses	60	0.40
Exit Road	13	0.61
Footpath along Car Park	19	0.21
Land Access	15	0.66
Loading Bays East	70	0.47
Loading Bays West	71	0.64
Lorry Parking East	30	0.40
Lorry Parking South	33	0.69
Lorry Parking South (Central)	36	0.59
Lorry Parking West	30	0.60
Motorcycle and Cycle Parking	24	0.67
Recycling Area	34	0.59
Service Yard	36	0.42
Trailer Parking	36	0.69
Weld and Fuel Zone	28	0.39

NOTES:

1. ELECTRICAL CONTRACTOR TO VERIFY LIGHTING DESIGN PRIOR TO INSTALLATION. THIS IS IS ONLY A CONCEPTUAL DESIGN.
2. ELECTRICAL CONTRACTOR TO READ THIS DRAWING IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS.
3. ELECTRICAL CONTRACTOR TO ENSURE THE CAR PARK LUMINAIRES ARE INSTALLED TO COORDINATE WITH THE PARKING LOCATIONS.
4. ELECTRICAL CONTRACTOR TO ENSURE CABLES AND LIGHTING COLUMNS ARE LOCATED SUCH THAT THEY WILL NOT BE AFFECTED BY THE FUTURE GROWTH OF THE TREE ROOT, ETC, IN THE AREA OF THE CAR PARK.
5. ALL EXTERNAL LIGHTING IS TO BE CONTROLLED WITH A PHOTO CELL AND TIMER SUCH THAT THE LIGHTING WILL ENERGISED AT LOW AMBIENT LIGHTING AND WILL SWITCH OFF TOTALLY BETWEEN EARLY MORNING HOURS (TO BE DETERMINED BY THE LAND LORD), COMING ON AGAIN IN THE MORNING IF REQUIRED (TBC BY CLIENT).
6. THE LIGHTING DESIGN TO COMPLY WITH THE CIBSE GUIDE LG06 THE OUTDOOR ENVIRONMENT, AND THE ILP GUIDANCE NOTES FOR REDUCTION OF OBTRUSIVE LIGHT, 2011 AND ALL LATEST ADDITIONS.
7. ROAD LIGHTING DESIGNED TO COMPLY WITH BS5489-1 CODE OF PRACTICE FOR DESIGN OF ROAD LIGHTING.

LEGEND:

EX1
HOLOPHANE D-SERIES LA364
FORWARD THROW OPTIC
COLUMN AND BUILDING MOUNTED
36,000 INITIAL LUMENS PER LAMP
MAINTENANCE FACTOR = 1
WATTS PER LUMINAIRE = 328
MOUNTING HEIGHT AND TILT™ AS DETAILED
EX1-BLS DENOTES LUMINAIRE FITTED WITH LIGHT SHIELD

EX2
HOLOPHANE D-SERIES LA224
FORWARD THROW OPTIC
BUILDING MOUNTED
22,000 INITIAL LUMENS PER LAMP
MAINTENANCE FACTOR = 1
WATTS PER LUMINAIRE = 208
MOUNTING HEIGHT AND TILT™ AS DETAILED

EX3
HOLOPHANE D-SERIES LA114_FW
FORWARD THROW OPTIC
COLUMN MOUNTED
11,000 INITIAL LUMENS PER LAMP
MAINTENANCE FACTOR = 1
WATTS PER LUMINAIRE = 105
MOUNTING HEIGHT AND TILT™ AS DETAILED

EX4
HOLOPHANE D-SERIES LA114_AY
ASYMMETRICAL OPTIC
COLUMN MOUNTED
11,000 INITIAL LUMENS PER LAMP
MAINTENANCE FACTOR = 1
WATTS PER LUMINAIRE = 105
MOUNTING HEIGHT AND TILT™ AS DETAILED

EX5
HOLOPHANE D-SERIES LA114_SY
SYMMETRICAL OPTIC
COLUMN MOUNTED
11,000 INITIAL LUMENS PER LAMP
MAINTENANCE FACTOR = 1
WATTS PER LUMINAIRE = 105
MOUNTING HEIGHT AND TILT™ AS DETAILED

EX6
HOLOPHANE DENVER ELITE LM034
BUILDING MOUNTED
3000 INITIAL LUMENS PER LAMP
MAINTENANCE FACTOR = 1
WATTS PER LUMINAIRE = 32
MOUNTING HEIGHT AND TILT™ AS DETAILED

EX7
HOLOPHANE DENVER ELITE LA024_NR
NARROW OPTIC
BUILDING MOUNTED
2000 INITIAL LUMENS PER LAMP
MAINTENANCE FACTOR = 1
WATTS PER LUMINAIRE = 24
MOUNTING HEIGHT AND TILT™ AS DETAILED

EX8
HOLOPHANE PARKING GARAGE LA074
SQUARE WIDE OPTIC
SURFACE MOUNTED
7000 INITIAL LUMENS PER LAMP
MAINTENANCE FACTOR = 1
WATTS PER LUMINAIRE = 53
MOUNTING HEIGHT AND TILT™ AS DETAILED

EX9
HOLOPHANE PARKING GARAGE LA074
SQUARE NARROW OPTIC
SURFACE MOUNTED
7000 INITIAL LUMENS PER LAMP
MAINTENANCE FACTOR = 1
WATTS PER LUMINAIRE = 53
MOUNTING HEIGHT AND TILT™ AS DETAILED

REV	DATE	DESCRIPTION	BY	VE
P3	16.06.20	REVISED TO REFLECT LATEST SITE PLAN	VS	DR
P2	02.06.20	REVISED TO REFLECT LATEST CALCULATIONS	VS	DR
P1	28.04.20	FIRST ISSUE	VS	DR

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STATUS
INFORMATION ONLY

CLIENT
newlands developments

PROJECT
HERMES PLOT 1
HOYLAND COMMON, BARNSLEY

DRAWING TITLE
PROPOSED EXTERNAL LIGHTING LAYOUT

SCALE (A0)	DATE	BY	VE
1:750	APRIL 2020	VS	DR

DRAWING NUMBER: CPW-191308-E-EXT-00-01
REV: P3
FILE: XREFS: 2019.RTE