## ROAD LIGHTING SETTING OUT SCHEDULE

| COLUMN REF: | X | Y | SETBACK | CONNECTION |
|---|---|---|---|---|
| LP01 | 516380.85 | 105135.24 | 2m | NEW DNO CONNECTION |
| LP02 | 516372.19 | 105105.16 | 2m | NEW DNO CONNECTION |
| LP03 | 516395.62 | 105089.57 | 2m | NEW DNO CONNECTION |
| LP04 | 516421.00 | 105078.01 | 2m | NEW DNO CONNECTION |
| LP05 | 516452.04 | 105076.47 | 2m | NEW DNO CONNECTION |
| LP06 | 516444.05 | 105056.10 | 2m | NEW DNO CONNECTION |
| LP07 | 516439.40 | 105036.59 | 2m | NEW DNO CONNECTION |
| LP08 | 516434.83 | 105019.13 | 2m | NEW DNO CONNECTION |
| LP09 | 516428.21 | 104998.07 | 2m | NEW DNO CONNECTION |
| LP10 | 516443.92 | 104979.32 | 2m | NEW DNO CONNECTION |
| LP11 | 516415.38 | 104983.58 | 1m | NEW DNO CONNECTION |
| LP12 | 516389.56 | 104979.91 | 1m | NEW DNO CONNECTION |
| LP13 | 516449.03 | 104957.13 | 2m | NEW DNO CONNECTION |
| LP14 | 516441.23 | 104933.70 | 2m | NEW DNO CONNECTION |
| LP15 | 516438.69 | 104911.36 | 2m | NEW DNO CONNECTION |
| LP16 | 516432.83 | 104889.10 | 2m | NEW DNO CONNECTION |
| LP17 | 516404.14 | 104886.30 | 1m | NEW DNO CONNECTION |
| LP18 | 516371.95 | 104890.88 | 1m | NEW DNO CONNECTION |
| LP19 | 516427.22 | 104869.61 | 2m | NEW DNO CONNECTION |
| LP20 | 516422.75 | 104850.08 | 2m | NEW DNO CONNECTION |
| LP21 | 516411.09 | 104831.33 | 2m | NEW DNO CONNECTION |
| LP22 | 516405.96 | 104814.69 | 2m | NEW DNO CONNECTION |
| LP23 | 516376.10 | 104810.27 | 1m | NEW DNO CONNECTION |
| LP24 | 516352.64 | 104820.59 | 1m | NEW DNO CONNECTION |
| LP25 | 516431.29 | 104812.82 | 2m | NEW DNO CONNECTION |
| LP26 | 516457.62 | 104810.03 | 2m | NEW DNO CONNECTION |
| LP27 | 516474.48 | 104794.46 | 2m | NEW DNO CONNECTION |
| LP28 | 516462.29 | 104768.83 | 2m | NEW DNO CONNECTION |
| LP29 | 516457.64 | 104744.00 | 2m | NEW DNO CONNECTION |
| LP30 | 516485.70 | 104748.72 | 2m | NEW DNO CONNECTION |
| LP31 | 516509.13 | 104751.14 | 2m | NEW DNO CONNECTION |

THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION UNTIL FULL TECHNICAL APPROVAL OF THE STREET LIGHTING HAS BEEN GRANTED BY THE ADOPTING AUTHORITY. IF CONSTRUCTION BEGINS BEFORE TECHNICAL APPROVAL THEN NO RESPONSIBILITY IS ACCEPTED FOR ANY ABORTIVE WORKS.

## STREET LIGHTING SPECIFICATION

1. STREET LIGHTING TO BS 5489-1:2020 & BS EN 13201-2:2015 P4 (EAV 5.00 TO 7.50 LUX, EMIN 1.0) FOR MAIN ROAD & P5 (EAV 3.00 TO 4.50 LUX, EMIN 0.60) FOR SUBSIDIARY ROADS. ENVIRONMENTAL ZONE E2 AND NORMAL/QUIET TRAFFIC FLOW WITH SPEED LIMITS <30MPH EXACT POSITIONS ARE TO BE AGREED ON SITE BY THE ENGINEER BEFORE ERECTION WORK COMMENCES. COLUMNS AND EQUIPMENT ARE ONLY TO BE INSTALLED ON LAND ADOPTED OR TO BE ADOPTED BY THE LOCAL AUTHORITY.
2. AFTER ERECTION COLUMNS SHALL BE NUMBERED CLEARLY IN ACCORDANCE WITH WEST SUSSEX COUNTY COUNCIL (WSCC) REQUIREMENTS.
3. SUPPLIES TO NEW LIGHTING COLUMNS SHALL BE TAKEN DIRECTLY FROM THE REGIONAL ELECTRICITY COMPANY UNDERGROUND SERVICE FOR THE NEW DEVELOPMENT. AN APPLICATION FOR SUPPLY FORM MUST BE COMPLETED AND ISSUED TO ENSURE A SUPPLY IS MADE TO EACH COLUMN.
4. ONLY RECOGNISED LIGHTING CONTRACTORS SHALL BE USED FOR STREET LIGHTING AND ILLUMINATED SIGN AND BOLLARDS INSTALLATION WORKS. THEY SHALL BE APPROVED BY THE OVERSEEING ORGANISATION. THEY MUST ALSO BE MEMBERS OF THE ASLEC AND HERS. CURRENT MEMBERSHIP NUMBERS FOR THESE BODIES MUST BE PROVIDED TO THE SUPERVISING AUTHORITY PRIOR TO APPROVAL OF THE PROPOSED LIGHTING CONTRACTOR. THE APPROVED LIGHTING CONTRACTOR SHALL NOT SUB-CONTRACT ANY PART OF THE WORKS.
5. ALL MATERIALS SHALL BE TO THE RELEVANT BRITISH STANDARD. SITE WORKS SHALL COMPLY IN GENERAL WITH DEPARTMENT OF TRANSPORT SPECIFICATION FOR HIGHWAY WORKS, AND SHALL ALSO CONFORM TO:
   - THE ELECTRICITY AT WORK REGULATIONS (1989)
   - THE HEALTH AND SAFETY AT WORK ACT
   - CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL
   - THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS 2002
   - THE CONSTRUCTION (DESIGN MANAGEMENT) (CDM) REGULATIONS 2015
6. ERECTION AND INSTALLATION WORKS SHALL COMPLY WITH THE CURRENT ISSUE AND AMENDMENTS OF BS7671: 18TH EDITION IET WIRING REGULATIONS 2008 REQUIREMENTS FOR ELECTRICAL INSTALLATIONS, THE CURRENT EDITION OF THE ILP CODE OF PRACTICE FOR ELECTRICAL SAFETY IN PUBLIC LIGHTING OPERATION AND THE CODE OF PRACTICE FOR THE ERECTION OF STREET LIGHTING PUBLISHED BY THE ASSOCIATION OF STREET LIGHTING ELECTRICAL CONTRACTORS.
7. ALL MATERIALS AND EQUIPMENT SHALL COMPLY WITH WSCC LIGHTING OF DEVELOPER-PROMOTED HIGHWAY SCHEMES IN WEST SUSSEX GUIDANCE NOTE VERSION A SEP 2019.
8. COLUMNS TO BE INSTALLED AT THE REAR OF THE FOOTWAY, WHERE WITHIN VERGES TO BE SET BACK TO A MINIMUM OF 0.8m FROM KERBLINE.
9. COLUMNS 6m TUBULAR STEEL GALVANISED COATING AMERCOAT 71P/PSX 700 POLYSILOXANE AND AMERCOAT 4560 GF EPOXY GLASS FLAKE ROOT PROTECTION. ALL COLUMNS TO HAVE SHERWOOD GREEN FINISH BS12C39
10. LANTERN PHILIPS LUMA MICRO DW10 3000k WARM WHITE WITH INTEGRAL 0 DEGREE TILIT 2.4KLM AND LUMA MICRO DM50 3000k WARM WHITE WITH INTEGRAL 0 DEGREE TILIT 1.8KLM.
11. CONTROL CSM MAYFLOWER COMPLETE LIGHTING CONTROL DALI NODE TO PLUG INTO SIX-PIN NEMA SOCKET.
12. PART NIGHT LIT - COLUMNS TO BE LIT FROM DUSK TO 24:00 - 05:30 TO DAWN (GMT) & DUSK TO 01:00 - 06:30 TO DAWN (BST)
13. (PROJECT MAINTENANCE FACTOR 0.83).

## NOTES.

1. DO NOT SCALE THIS DRAWING.
2. THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION UNTIL FULL TECHNICAL APPROVAL OF THE STREET LIGHTING HAS BEEN GRANTED BY THE ADOPTING AUTHORITY. IF CONSTRUCTION BEGINS BEFORE TECHNICAL APPROVAL THEN NO RESPONSIBILITY IS ACCEPTED FOR ANY ABORTIVE WORKS.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS, ARCHITECTS AND SPECIALIST DESIGN DRAWINGS AND DETAILS.
4. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ANY SERVICE APPARATUS IN THE VICINITY OF THE WORKS. THE CLIENT WILL ACCEPT NO CLAIMS WHATSOEVER IN RESPECT OF ANY LOSSES OR DAMAGE CAUSED IN RESPECT OF SUCH APPARATUS, HOWEVER CAUSED.
6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXECUTE THE WORKS AT ALL TIMES IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE HEALTH AND SAFETY AT WORK ACT 1974, AND THE C.D.M. REGULATIONS 2015. THE CONTRACTOR WILL BE DEEMED TO HAVE ALLOWED FOR FULL COMPLIANCE, WITHIN THEIR RATES.
7. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL WORKS ARE TO THE SATISFACTION OF THE ENGINEER, AND SHALL BE DEEMED TO HAVE INCLUDED WITHIN THEIR RATES FOR ANY NECESSARY TESTING.
8. MOST RECENT UTILITY DRAWINGS MUST BE VIEWED BEFORE WORKS COMMENCE.
9. DRAWING TO BE PRINTED IN COLOUR.

## STREET LIGHTING KEY

LP** — PROPOSED STREET LIGHTING COLUMN
COLUMN HEIGHT: 6m
PROJECTION: 0.3M POST TOP
LANTERN MANUFACTURER: PHILLIPS
QUANTITY 25 — LANTERN NAME: LUMA GEN2 MICRO
INCLINATION: 0°
LAMP TYPE: 10LED 3000K WARM WHITE
OPTIC: BGP702 DW10 2.4KLM

LP** — PROPOSED STREET LIGHTING COLUMN
COLUMN HEIGHT: 6m
PROJECTION: 0.3M POST TOP
LANTERN MANUFACTURER: PHILLIPS
QUANTITY 6 — LANTERN NAME: LUMA GEN2 MICRO
INCLINATION: 0°
LAMP TYPE: 10LED 3000K WARM WHITE
OPTIC: BGP702 DM50 1.8KLM

7.5 LUX ISO CONTOUR
5.0 LUX ISO CONTOUR
1.0 LUX ISO CONTOUR
SITE BOUNDARY

PHOTOMETRIC AND MANUFACTURERS BACKSHIELDS TO BE INSTALLED TO MINIMISE LIGHT SPILL.

Maximum size U9 - U10 Mini Soccer Pitch (54.9m x 36.6m) Run Off (60.9m x 42.6m)

Maximum size U13 - U14 Community Soccer Pitch (82m x 50m) Run Off (88m x 56m)

FUTURE DEVELOPMENT
-PRELIMINARY-

| REV: | AMENDMENTS: | DRN: | CHK: | APP: | DATE: |
|---|---|---|---|---|---|
| - | FIRST ISSUE | NA | DMH | EM | 23.05.22 |

PROJECT: LAND SOUTH OF WEST STREET & WEST OF LOOSE LANE, SOMPTING PHASE 1

DRAWING TITLE: S38 LIGHTING LAYOUT PHASE 1

CLIENT: PERSIMMION HOMES LTD

DRAWING NUMBER: 601_27141_02_100_01

| REVISION: | SHEET SIZE: | SCALE: |
|---|---|---|
| - | A0 | 1:500 |

STATUS: FOR INFORMATION / APPROVAL

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