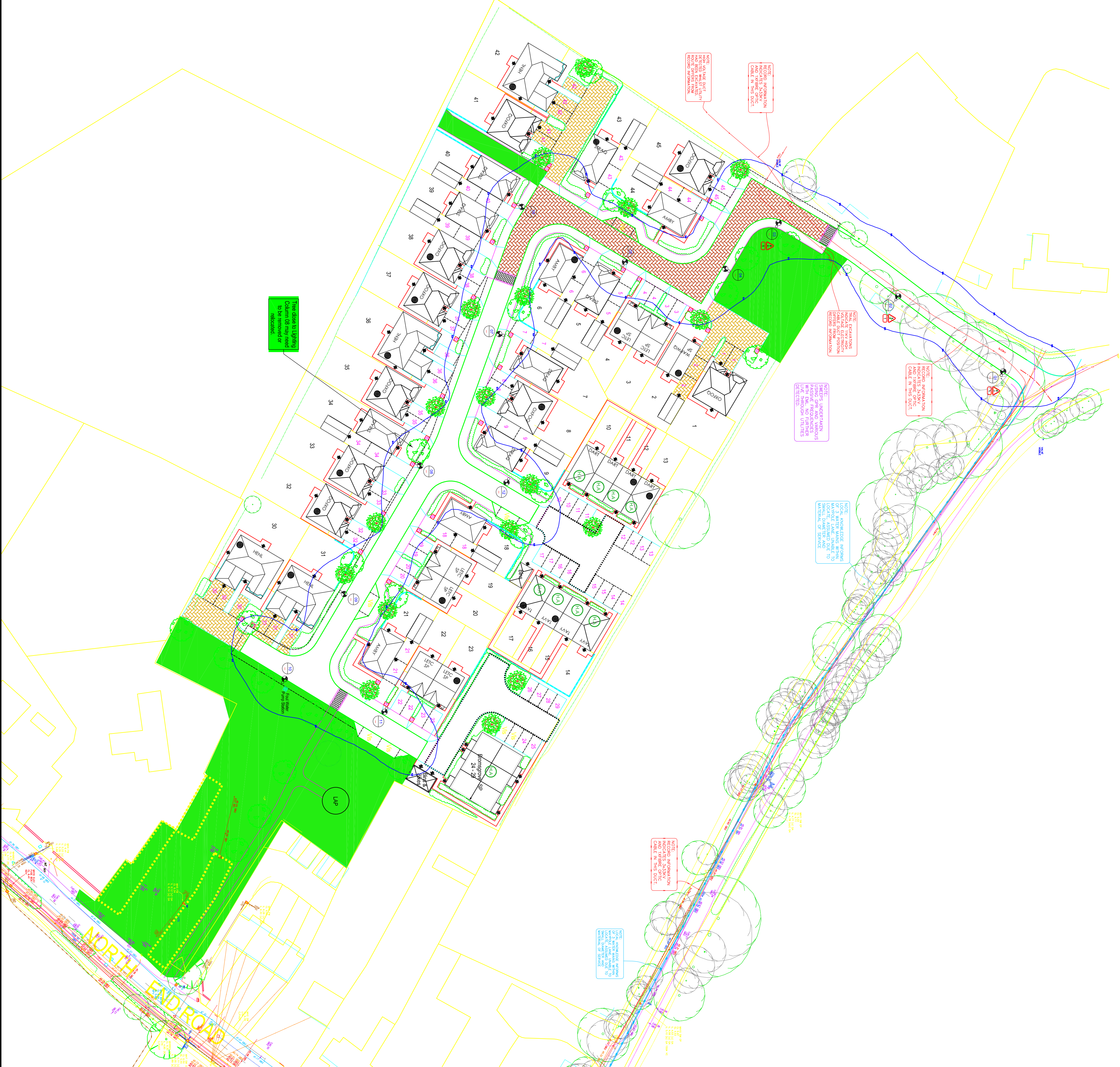


THE CLIENT/DEVELOPER HAS PROVIDED THE UTILITIES PLANS FOR THIS SCHEME AND HAS CONFIRMED THAT HIGH VOLTAGE BURIED ELECTRICAL CABLES, AND LOW VOLTAGE OVERHEAD CABLES ARE LOCATED WITHIN THIS SCHEME. THERE ARE ALSO BURIED WATER MAINS ALONG WATERLOE LANE. CORRECT/UP TO DATE SERVICES ARE TO BE OBTAINED BY THE CONTRACTOR / DEVELOPER, AND ALL LIGHTING COLUMNS, WORKS SHOULD BE CARRIED OUT IN ACCORDANCE WITH BS5, G3/91 AND HSE REGULATIONS.

Details of existing Statutory Undertaker plant are to be obtained by the Client and the Contractor may examine these records at the Engineers office. All works in the vicinity of any overhead cables shall conform to the requirements of HSE Guidance Note GS5 "Avoidance of Danger from Overhead Lines" and all works in the vicinity of underground mains or cables shall conform to the requirements of HSE Guidance Note HSE47 "Avoiding Danger from Underground Services" and any additional Work requirements specified by the relevant Undertaker. The Contractor will be responsible for liaison with the Undertakers and for programming the agreeable work protection and/or diversion works to any Statutory Undertakers apparatus into the overall Works programme (This is to include adjustment of stabs covers). Any damage to plant or apparatus shall be repaired at the Contractors expense.

11KV	WARNING: INDICATIVE LOCATION OF EXISTING 11KV HIGH VOLTAGE ELECTRICAL CABLE. PROXIMITY TO HIGH VOLTAGE CABLES REQUIRE ASSET OWNED TO BE MAINTAINED AT A SAFE DISTANCE FROM EXISTING OR PROPOSED WORK AND ALL HSE REGULATIONS REQUIREMENTS MUST BE COMPLETED BEFORE WORK COMMENCES. SAFE METHOD OF WORK TO BE USED DURING INSTALLATION AND MAINTENANCE
33KV	WARNING: INDICATIVE LOCATION OF EXISTING 33KV HIGH VOLTAGE ELECTRICAL CABLE. COLUMNS TO BE INSTALLED IN CLOSE PROXIMITY TO EXISTING CABLES REQUIRE ASSET OWNED TO BE MAINTAINED AT A SAFE DISTANCE FROM EXISTING OR PROPOSED WORK AND ALL HSE REGULATIONS REQUIREMENTS MUST BE COMPLETED BEFORE WORK COMMENCES. SAFE METHOD OF WORK TO BE USED DURING INSTALLATION AND MAINTENANCE
	WARNING: INDICATIVE LOCATION OF EXISTING LOW VOLTAGE OVERHEAD ELECTRICAL CABLE. ALL HSE REGULATIONS REQUIREMENTS MUST BE COMPLETED BEFORE WORK COMMENCES. SAFE METHOD OF WORK TO BE USED DURING INSTALLATION AND MAINTENANCE
	WARNING: INDICATIVE LOCATION OF EXISTING OVERHEAD TELEPHONE CABLE. ALL HSE REGULATIONS REQUIREMENTS MUST BE COMPLETED BEFORE WORK COMMENCES. SAFE METHOD OF WORK TO BE USED DURING INSTALLATION AND MAINTENANCE
	UNKNOWN TRACE
	EXISTING WATER SERVICE

1. High Voltage Buried Electrical cables.



Quantity	Symbol	Description
12		6m WSCC spec column with Philips Micro Luma BGP615 DW10 1.20KLM CW LED lantern

Prepared on straight start, Amercoat
771/PSK 700 polyisocyanate and Amercoat
4500 G/G Gloss Flat Road coated steel
panels. The panels were cut to size and
green BS12C239, with a 'Post' Top mounted
Phillips Micro Luna BOP#15 DW10, 1.20um
Luna with LED lighting with a 0 degree tilt.
Wired for DALI control and fitted with a 6 pin
Luna Micro Luna BOP#15 DW10, 1.20um
Luna Micro BOP#15 DW10, 1200 LED 5.1%
C.I.O DALI external Note in each lantern.
Switching to 3x318 per night (indirect) -
with 1200 Type 1 isolator unit. Provides new
permanently live single phase DNO supply
into column.

Note: All lanterns must have a factory fitted rear shield installed.

ALL PAINT COLOURS SHALL BE COMPLIANT TO WSCC REQUIREMENTS AS DETAILED IN THE SPECIFICATION SECTION 5.0 FOR EACH PARISH/AREA

NO WORKS SHALL BE CONSTRUCTED UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE LOCAL AUTHORITY BY THE DEVELOPER. SHOULD WORKS BE CONSTRUCTED WITHOUT APPROVAL THEY WILL BE ENTIRELY AT THE DEVELOPER'S RISK. UNLESS OTHERWISE STATED WITHIN THE QUOTATION PROVIDED BY MMA LIGHTING CONSULTANCY, WE HAVE NOT SUBMITTED THIS DESIGN FOR TECHNICAL COMMENTS/APPROVAL.

EVERY LIGHTING SCHEME IS REQUIRED TO INSTALL AN ON-BOARD MASTER UNIT TO CONTROL ALL SUB-MASTER UNITS AND ALL SUB-MASTER UNITS ARE REQUIRED TO LINK TO CENTRAL MANAGEMENT SYSTEM.

CORRECT VIEWING OF DRAWING SYMBOLS AND ANY PROPOSED CABLING.

**SCHEME DESIGNED IN ACCORDANCE WITH
BS5489-1:2013 & BS EN 13201-2:2015**

North End Road, Yapton - S38 - Lighting Class

P5 Class (S/P Ratio 1.96) / MF: 0.83

Emin = 0.40 Lux

All street lighting improvements work to be carried out to the current West Sussex County Councils specifications and agreements.

All equipment is to be fitted to manufacturers guidelines.

All lanterns are to be supplied 'constant light output' (CLO) enabled.

enabled

All apparatus shall be new at the time of installation and be supported by relevant manufacturers guarantees. Such guarantees must be transferred to Tay Valley Lighting (West Sussex) Limited at the point of adoption.

residents, business and users of the highway.

All columns and sign posts installed must be manufactured in accordance with BSEN40 and be able to accept an attachment of 0.3m2 in area at height and offset on the apparatus.

no more than 6 months old at the time of adoption.

All installations must be installed in such a way that trees or any other foliage on the site does not interfere with the lighting level.

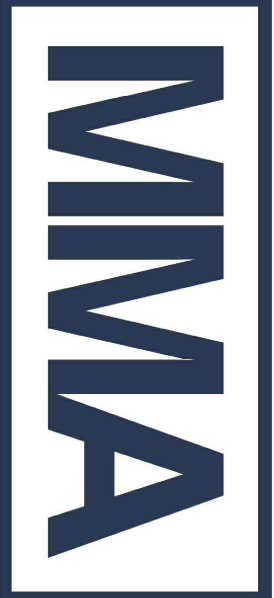
During works all traffic management to be in accordance with chapter 8 of the traffic signs manual.

All lamp columns to be located as far back from the carriageway as possible.

All new column are to have post top mounted lanterns unless otherwise stated on drawing.

Numbers shown are for design purposes only. Actual numbers should be agreed with the street lighting engineer at West Sussex County Council.

	Amendment	Date	Initial
R0	Initial Design	18.10.19	SW
R1	Base update.	23.03.20	SW



LIGHTING CONSULTANCY

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Project title
NORTH END ROAD, YAPTON
SECTION 38

Drawing title

STREET LIGHTING DESIGN

Prepared	Checked
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by	by
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Scale	1:500 @ A1	Date	23.03.2
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Drawing Number	Revision
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