

COLUMNS

5 METRE STEEL WITH INTEGRAL SIDE ENTRY BRACKET GALVANISED TO BS 729/1971 WITH BITUMEN ON ROOT TO 150mm ABOVE PLANTING DEPTH. MINIMUM DOOR SIZE 500 x 100mm. PLANTING DEPTH 750mm, BASE DIAMETER 140mm,
SHAFT DIAMETER 77mm. COLUMN TO BE ERECTED AT REAR OF FOOTWAY (UNLESS INSTRUCTED OTHERWISE) WITH CLASS ST5 CONCRETE.
50mm OD PIPE TO BE INSTALLED FOR ELECTRICITY CABLE.

LANTERN

URBIS SAPPHIRE 1 WITH LOW PROFILE GLASS PROTECTION BOWL AND NEMA SOCKET WITH INTEGRAL LOW LOSS CONTROL GEAR.
(REF. SAPPHIRE1/LPGLASSBOWL/ 1632/PL-T/42/100/-30/HOR)
INCLINATION 5 DEGREES, BRACKET LENGTH 0m.

LAMP

42 WATT PL-T.

PHOTO ELECTRIC CONTROL UNIT

ONE PART TO EE1/NEEMA STANDARDS, 70 LUX, 1:0.5 NEGATIVE DIFFERENTIAL.

NOTES

1. THIS DRAWING IS BASED ON TOPOGRAPHICAL SURVEY PROVIDED BY SURVEY SOLUTIONS. ALL LEVELS ARE IN METRES AND CO-ORDINATES ARE BASED ON THE SURVEY GRID. REFER TO SURVEY SOLUTIONS FOR SURVEY STATION DATA.
2. ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED OTHERWISE.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEER'S AND ARCHITECT'S DRAWINGS AND SPECIFICATIONS.
4. THE CONTRACTOR SHALL CHECK AND VERIFY ALL SETTING OUT AND DIMENSIONS PRIOR TO COMMENCING WORKS.
5. REFER TO ARCHITECT'S DRAWINGS FOR HOUSE TYPES/BUILDING LAYOUTS.
6. THE SPECIFICATION IN ALL RESPECTS SHALL BE IN ACCORDANCE WITH THE CURRENT LINCOLNSHIRE DESIGN GUIDE FOR RESIDENTIAL AREAS AND DEVELOPMENT ROAD SPECIFICATION AND CONSTRUCTION PUBLICATIONS IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION.
7. ALL STREET LIGHTING TO BS 5489-1:2003, LIGHTING CLASS S5 TO BS EN 13201-2:2003 (EAve 3.0 LUX, EMin 0.6 LUX) OR MAINTENANCE FACTOR 0.94.
EXACT COLUMN 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.
8. STREET LIGHTING COLUMNS TO BE NUMBERED (BLACK, 65mm HIGH ON A WHITE BACKGROUND) 3 METRES ABOVE GROUND LEVEL ON THE ROADSIDE OF THE COLUMN TO THE COUNTY SPECIFICATION.
9. SUPPLIES TO NEW LIGHTING COLUMNS SHALL BE TAKEN DIRECTLY FROM THE EAST MIDLANDS ELECTRICITY UNDERGROUND SERVICE FOR THE NEW DEVELOPMENT. AN APPLICATION FOR SUPPLY FORM MUST BE COMPLETED AND ISSUED TO EME TO ENSURE A SUPPLY IS MADE TO EACH COLUMN.

KEY

- PROPOSED STREET LIGHTING COLUMN (PHILIPS IRIDIUM SGS252)
- PROPOSED STREET LIGHTING COLUMN (URBIS ZX1)
- EXISTING STREET LIGHTING COLUMN
- SOAKAWAY COMPRISING OF D-RAINTANK CRATES OR SIMILAR APPROVED (TO GIVE SAME STORAGE AND SURFACE AREA PROPERTIES)
  EXAMPLE: PRIVATE 1 x 64 x 1 CRATES 0.81m x 55.04mx 0.4m
- POROUS PAVING AREA TO DRAIN SURFACE AREA ONLY WITHOUT FURTHER CONTRIBUTING AREAS. CONSISTS OF BLOCK PAVOIRS ON 30mm THICK SHARP SAND ON 150mm OF GRANULAR MATERIAL
- ADOPTABLE FOUL SEWER (SECTION 104 WATER INDUSTRY ACT)
- PRIVATE FOUL DRAINAGE LATERAL CONNECTION TO ADOPTABLE SEWER
- VISIBILITY SPLAY

REV	AMENDMENT DETAILS	DRAWN	APPROVED	DATE
C	Site boundary added to layout, vis-splay dims added	AF	EM	23.01.06
B	Swale added highway drainage removed	PT	EM	29.09.05
A	New housing layout added, soakaway design amended	PJW	EM	08.04.05

PROJECT: St THOMAS'S ROAD SPALDING	DESIGNED AND DRAWN BY: WW	APPROVED BY:	CHECKED BY: EM
			SCALE: 1:250
DRAWING TITLE: ENGINEERING LAYOUT	DRAWING STATUS: PRELIMINARY		DATE: 03.11.04
	CAD REFERENCE FILE NUMBER: 3759_02_001c.dwg		
CLIENT: WESTLEIGH DEVELOPMENTS	DRAWING NUMBER: 3759/02/001		REVISION: C

Millard Consulting Engineers
T A Millard Midlands Limited
Heron House Newdegate Street Nuneaton Warwickshire CV11 4EL
telephone 024 76328843 facsimile 024 76326899 email nuneaton@tamillard.co.uk
www.tamillard.co.uk
offices at Perth, Ipswich, Norwich and Sevenoaks

ORIGINAL SHEET SIZE A1V