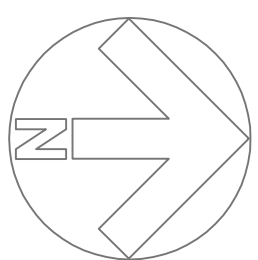


THE DEVELOPER MUST SELF-VET AND CERTIFY THAT THE DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATIONS FOR THE PROPOSED ADAPTABLE SEWERS ARE IN ACCORDANCE WITH THOSE SET OUT IN "SEWERS FOR ADOPTION WITH ADDITION" AND THE REQUIREMENTS OF WELSH WATER.



KEY

- 2.001 SITE BOUNDARY
- SECTION 1A SURFACE WATER SEWER
- WATER
- UNDER A SECTION 38 AGREEMENT
- PROPOSED HIGHWAY CONTOUR
- 300mm HIGHWAY TIE-IN

NOTES:

ALL DIMENSIONS IN METERS UNLESS STATED OTHERWISE

ALL PRIVATE DRAINAGE WORKS ARE TO COMPLY WITH THE REQUIREMENTS OF THE BUILDING REGULATIONS 2010 APPROVED DOCUMENT H, ALL ADAPTABLE DRAINAGE TO COMPLY WITH THE REQUIREMENTS OF WELSH WATER AND SEWERS FOR ADOPTION WITH ADDITION

ALL MATERIALS, UNLESS SPECIFIED OTHERWISE, SHALL BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH THE EMO OVER'S REPRESENTATIVE/ENGINEER IN ADVANCE OF THE WORKS.

ANY DISCREPANCIES IN THE DETAILS SHOWN TO BE REPORTED TO THE EMO OVER'S REPRESENTATIVE/ENGINEER PRIOR TO CONSTRUCTION.

ALL EXISTING SERVICES TO BE LOCATED PRIOR TO THE NECESSARY PROTECTION OR DIMENSIONS TO BE PROVIDED TO AVOID CONFLICT WITH THE PROPOSED WORKS.

ALL ADAPTABLE DRAINAGE AND FITTINGS TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF BS5911 PART 100, FLEXIBLY JOINTED UPVC PIPES AND FITTINGS TO WS N-413:05 MAY BE USED FOR PRIVATE BUILDING DRAINAGE SYSTEMS ONLY.

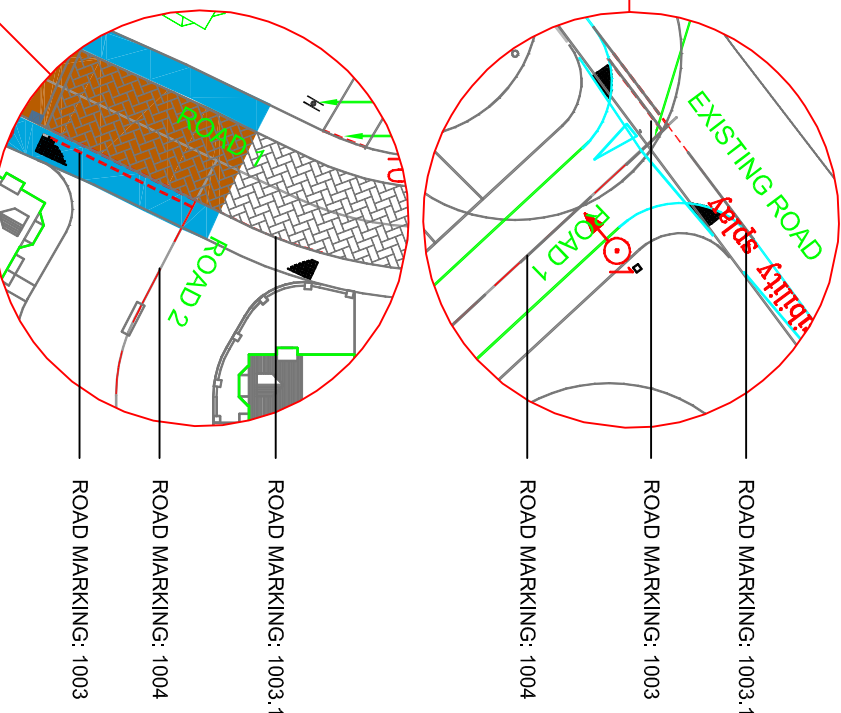
BACKFILL TO DRAINAGE TRENCHES UNDER CARRIAGEWAYS TO BE TYPE 1 SUB-BASE MATERIAL, EXCEPT WHERE BACKFILL TO BE FREE DRAINING REGIONALLY ORGANIC MATTER, FROZEN SOIL, CLAY LUMPS AND LARGE STONES TO BE COMPACTED IN LAYERS NOT EXCEEDING 150mm THICK.

THE DEVELOPER SHALL BE RESPONSIBLE FOR LIAISON WITH THE STATUTORY UNDERTAKERS AND OTHER CABLE SERVICE COMPANIES FOR THE PROVISION OF ALL REQUIRED SERVICES.

SAFE PASSAGE FOR PEDESTRIANS SHALL BE PROVIDED AT ALL TIME DURING THE CONSTRUCTION PERIOD.

ALL FOUNDATION DESIGN/MATERIALS TESTING SHALL BE COMPLETED PRIOR TO THE START OF CONSTRUCTION. FOUNDATION DESIGN/MATERIALS TESTING SHALL BE COMPLETED PRIOR TO THE START OF CONSTRUCTION. FOUNDATION DESIGN/MATERIALS TESTING SHALL BE COMPLETED PRIOR TO THE START OF CONSTRUCTION.

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ROAD MARKINGS TO COMPLY WITH THE TRAFFIC SIGNS REGULATIONS & GENERAL DIRECTIONS 2002 AND TRAFFIC SIGNS MANUAL (CHAPTER 5) ROAD MARKINGS 2003



ROAD MARKINGS TO COMPLY WITH THE TRAFFIC SIGNS REGULATIONS & GENERAL DIRECTIONS 2002 AND TRAFFIC SIGNS MANUAL (CHAPTER 5) ROAD MARKINGS 2003

Street Lighting

Columns: 6m tubular steel column type
Lantern: post top mounted PHOSCO P557A LED
06xANV-8500-Standard-FC-3W
Gear: standard integral gear
PECUSEL C SELC ARCO mini cell set to switch on at 35 lux with a 2 to 1 negative switching ratio.

All Columns to be Serviced with Distribution Network G41 Out.

All Columns must have a Tolo type isolator fitted above the DNO G41 Out.

IDNO installers need to advise Wrexham Council prior to installation.

IDNO details must be issued to the Council's street lighting department.

IDNO emergency details must be visible in the base of each column.

All work to be in accordance with Wrexham Specification 2015.

It is the contractors responsibility to undertake a full risk assessment prior to the columns being erected.

Drawing Number	Revision
J01212/A1/015	1

Revision	Details	By	Check	Date	Surfix
1	See drawing J1212/A1/003 for construction details				
2	Emergency access with lockable bollards spaced 1.2m apart				
3	See drawing J1212/A1/003 for construction details				
4	Emergency access with lockable bollards spaced 1.2m apart				
5	See drawing J1212/A1/003 for construction details				
6	Emergency access with lockable bollards spaced 1.2m apart				
7	See drawing J1212/A1/003 for construction details				
8	Emergency access with lockable bollards spaced 1.2m apart				
9	See drawing J1212/A1/003 for construction details				
10	Emergency access with lockable bollards spaced 1.2m apart				
11	See drawing J1212/A1/003 for construction details				
12	Emergency access with lockable bollards spaced 1.2m apart				
13	See drawing J1212/A1/003 for construction details				
14	Emergency access with lockable bollards spaced 1.2m apart				
15	See drawing J1212/A1/003 for construction details				

BRYN-Y-W-GROS
GRESFORD
WREXHAM

HIGHWAY
LAYOUT

Scale of A1	Drawn	Techn	Checked	Approved
NTS	NTS	NTS	NTS	NTS
MTS	MTS	MTS	MTS	MTS
JJM	JJM	JJM	JJM	JJM
07.07.15	07.07.15	07.07.15	07.07.15	07.07.15

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