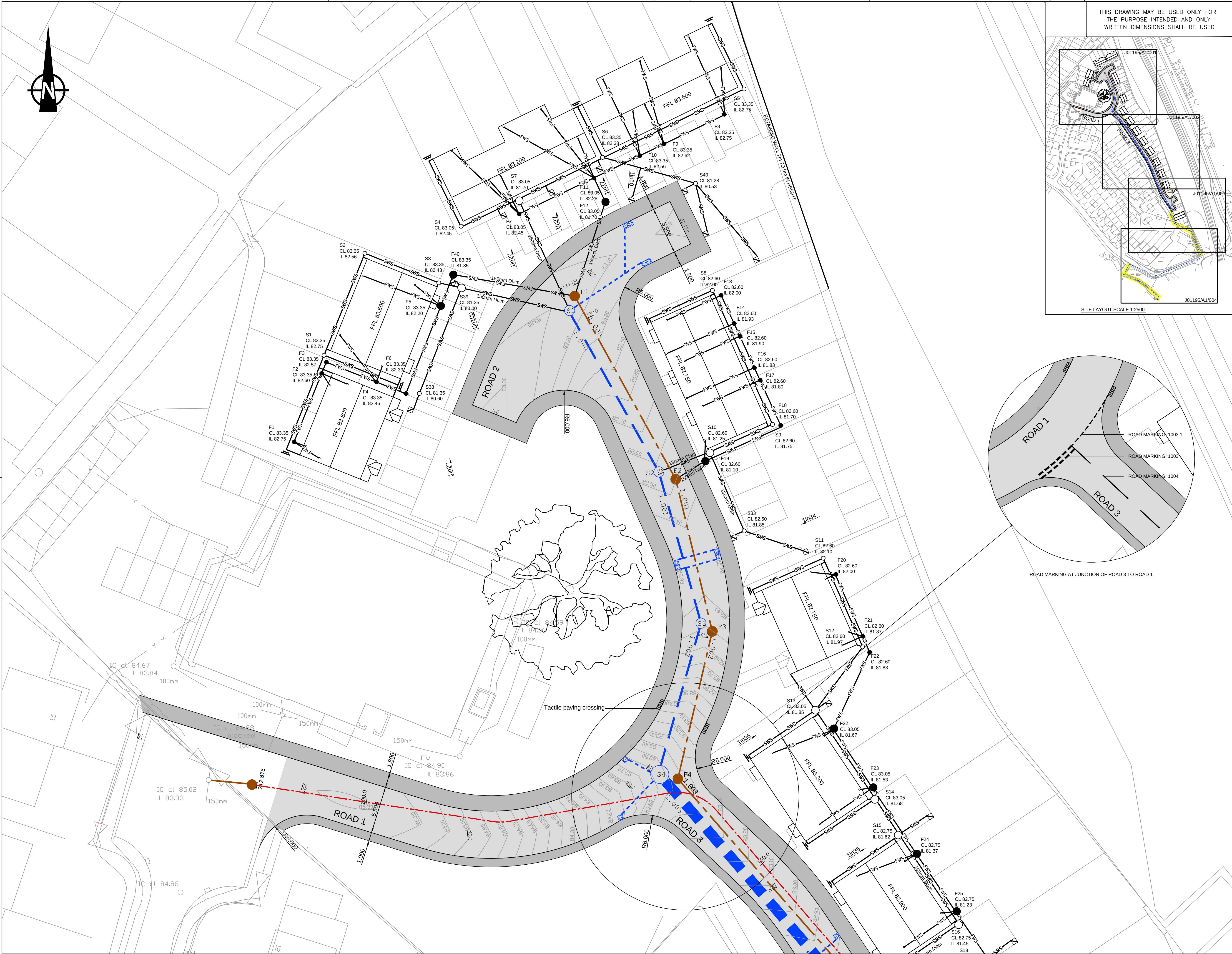




THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED AND ONLY WRITTEN DIMENSIONS SHALL BE USED



ENGINEERING NOTES
ADOPTABLE HIGHWAY WORKS
ROADS AND FOOTPATHS FORMING PART OF THE PUBLIC HIGHWAY TO BE ADOPTED UNDER SECTION 38 OF THE HIGHWAYS ACT 1980 AND SHOULD COMPLY WITH THE WREXHAM COUNCIL RESIDENTIAL DESIGN GUIDE.
HAND LAYING OF BITUMINOUS MATERIAL IS NOT PERMITTED ON CARRIAGEWAYS.
STREET LIGHTING
ON COMPLETION, AS A REQUIREMENT OF BS 5485 AND THE IEE WIRING REGULATIONS 16TH EDITION A COMPLETION CERTIFICATE IN THE FORM SET OUT IN APPENDIX 6 OF THE BRITISH STANDARDS SHALL BE PROVIDED TO THE COUNCIL. ALTERNATIVELY A CERTIFICATE MAY BE ADAPTED FROM THE BS 7671 FOR THE USE IN STREET LIGHTING.
INSTALLATION GIVEN IN THE ILE CODE OF PRACTICE FOR ELECTRICAL SAFETY IN PUBLIC LIGHTING OPERATIONS.

SPECIFIC REQUIREMENTS
1. ALL STREET LIGHTING TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH WREXHAM COUNCIL STREET LIGHTING DESIGN SPECIFICATION.

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

3. THE DEVELOPER SHALL TAKE CBR TEST AT ROAD FORMATION LEVEL AND RESULTS TO BE MADE AVAILABLE TO THE HIGHWAY ENGINEER FOR HIS APPROVAL.

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

5. ALL TRENCH BACKFILL SHALL BE GRANULAR SUB BASE TYPE 1 OR TYPE II

6. A MINIMUM TOTAL CARRIAGEWAY CONSTRUCTION THICKNESS SHALL NOT BE LESS THAN 400MM CBR RATIO LESS THAN THIS WILL BE MADE UP WITH A 6F2 CAPPING LAYER.

7. TRAFFIC SIGNS AND HIGHWAY MARKINGS REQUIRED AT JUNCTIONS AND AREAS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2002, DEPARTMENT OF TRANSPORT AND LOCAL AUTHORITY SPECIFICATION.

8. BRICKWORK TO ALL STRUCTURAL APPLICATIONS TO BE SOLID ENGINEERING BRICKS. (IE. NO VOIDS, CAVITIES OR PERFORATIONS)

9. THE AGGREGATE IN ANY TEMPORARY RUNNING SURFACE EG: ROADBASE, BASECOURSE OR REGULATING COURSE WHICH IS TO RECEIVE TRAFFIC FOR MORE THAN 3 DAYS SHALL HAVE A MINIMUM PSV OF 60.

10. ALL HIGHWAY DRAINS TO BE TESTED IN ACCORDANCE WITH NORTH YORKSHIRE COUNCIL'S TESTING PROCEDURES.

11. ANY SOFT SPOTS AT UNDERSIDE OF CAPPING LAYER TO BE TREATED BY OVERDIGGING AND REPLACEMENT WITH AN APPROVED COMPACTED GRANULAR MATERIAL.

12. THE FORMATION OF ROADS AND FOOTWAYS SHALL BE PREPARED BY REMOVING ALL UNSUITABLE MATERIAL AND AN APPROVED WEEDKILLER SHALL BE SPRAYED ONTO THE SUBGRADE BEFORE LAYING THE SUB-BASE.

13. TRAFFIC SAFETY MEASURES ON OR ADJACENT TO AN EXISTING HIGHWAY SHALL BE IN ACCORDANCE WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.

14. WHERE NEW PAVEMENT MATERIALS ARE TO BE LAID AGAINST BOUND MATERIALS, THE EXISTING SURFACE SHALL BE SAW CUT TO A STRAIGHT EDGE AND THE VERTICAL FACE PAINTED WITH BITUMEN EMISSION SEALANT.

15. WHERE NEW PAVEMENT MATERIALS ARE TO BE LAID UPON EXISTING BOUND MATERIALS, THE SURFACE OF THE EXISTING MATERIAL SHALL BE SUCTION SWEEP AND TACK COATED IN ACCORDANCE WITH CLAUSE 920 (SNW).

16. BEDDING AND BACKING TO KERB AND EDGING TO BE MIX ST4

17. ALL BITUMINOUS MACADAM LAYERS SHALL BE COMPACTED TO ACHIEVE THE AIR VOIDS REQUIREMENTS SPECIFIED IN THE RELEVANT SECTIONS OF BS 4987.

KEY
1in27 PRIVATE PROPOSED DRIVEWAY GRADIENT
S39 CL 83.35 IL 82.75 PRIVATE SURFACE WATER SEWER. PIPE TO BE 100mm IN DIAMETER AND MANHOLE TO BE POLYTHENE 475mm (DIA MM) 475mm IN DIAMETER UP TO 1m DEPTH AND 900mm DIAMETER CONCRETE RINGS GRATER THAN 1m DEPTH OR AT DEMARCATON CHAMBER
F40 CL 83.35 IL 81.85 PRIVATE FOWL SEWER. PIPE TO BE 100mm IN DIAMETER AND MANHOLE TO BE POLYTHENE 475mm (DIA MM) 475mm IN DIAMETER UP TO 1m DEPTH AND 900mm DIAMETER CONCRETE RINGS GRATER THAN 1m DEPTH OR AT DEMARCATON CHAMBER
SWS PRIVATE TRAPPED ROAD GULLY
ROAD GULLY TO BE ADOPTED UNDER A SECTION 38 AGREEMENT
ROAD MARKING: 1003.1
ROAD MARKING: 1003
ROAD MARKING: 1004
ROAD MARKING: 1004

PROPOSED CARRIAGEWAY CONSTRUCTION TO BE ADOPTED UNDER A SECTION 38 AGREEMENT
PROPOSED FOOTWAY CONSTRUCTION TO BE ADOPTED UNDER A SECTION 38 AGREEMENT
PROPOSED FOWL SEWER TO BE ADOPTED UNDER A SECTION 104 AGREEMENT (SEE DRAWING J01195/A1/004 FOR DETAILS)
PROPOSED STORM SEWER TO BE ADOPTED UNDER A SECTION 104 AGREEMENT (SEE DRAWING J01195/A1/004 FOR DETAILS)
CENTERLINE CHAINAGE MARKER

Revision Details By Check Date Suffix
Drawing Number J01195/A1/001
Revision
LAND AT NEWBRIDGE
BRITISH LEGION
FFORD KAYTON LL143RB
Drawing Title
ENGINEERING LAYOUT
SHEET 1 OF 4
Scale at A1 Detailed
1:500
Drawn NJC Tech Chk JJM Det Chk
Approved James Mew's
Date 29.09.2013
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