

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2007.

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH:-  
LEES ROXBURGH DRAWING SERIES 5078; ARCHITECTS' and  
DESIGNERS DRAWINGS AND DETAILS.

2. CONSTRUCTION DETAILS TO BE IN ACCORDANCE WITH  
LEES ROXBURGH DRAWING 5078-02-08

3. THE CONTRACTOR SHALL COMPLY WITH THE FOLLOWING:-

a. ALL OPERATIONS SHOULD BE CARRIED OUT IN ACCORDANCE

b. THE LOCAL AUTHORITY AND SERVICE COMPANIES ARE TO BE NOTIFIED PRIOR TO COMMENCEMENT OF WORK ON SITE.

c. PRIOR TO CONSTRUCTION THE ACTUAL POSITIONS AND DEPTHS OF SERVICES LIKELY TO BE AFFECTED BY THE WORKS SHOULD BE ESTABLISHED BY MEANS OF HAND DIG IN CLOSE LIAISON WITH THE SERVICE COMPANIES. THE CONTRACTOR SHALL IMMEDIATELY ADVISE LEES ROXBURGH OF ANY SERVICES EXPOSED WHICH MAY AFFECT THE DESIGN

d. THE LOCATION AND DEPTH OF ANY SERVICES/APPARATUS SHOWN IS APPROXIMATE ONLY AND HAS BEEN BASED ON PLANS RECEIVED FROM THE STATUTORY UNDERTAKERS.

e. LEES ROXBURGH LTD DO NOT ACCEPT ANY RESPONSIBILITY FOR THE ACCURACY OF THIS OR ANY OTHER DRAWINGS WHICH INDICATE THE POSITION AND/OR DEPTH OF

f. THE CONTRACTOR MUST CONTACT THE RELEVANT STATUTORY UNDERTAKERS AND BE IN POSSESSION OF THE LATEST AVAILABLE DRAWINGS FROM THE STATUTORY UNDERTAKERS WHICH SHOWS DETAILS OF THEIR SERVICES/APPARATUS.

4. ALL SEWERAGE WORKS TO BE IN ACCORDANCE WITH THE "SEWERS FOR ADOPTION" 6th EDITION AND LEES ROXBURGH DRAWING 5078-02-07

5. LEES ROXBURGH'S APPOINTMENT IS RESTRICTED TO THE DESIGN OF THE PERMANENT CIVIL/STRUCTURAL WORKS ONLY AND HAVE NO SITE ROLE. THE CONTRACTOR IS THUS ENTIRELY RESPONSIBLE FOR COMPLIANCE WITH THE HEALTH AND SAFETY AT WORK ACT. HE SHALL BE SPECIFICALLY RESPONSIBLE FOR ALL TEMPORARY WORKS AND FOR THE STABILITY OF THE AFFECTED LAND AND STRUCTURES.

6. FOR LEGAL SITE BOUNDARY SEE DEEDS PLANS IN POSSESSION OF CLIENT.

7. ALL DIMENSIONS SHOWN ARE IN METRES UNLESS INDICATED OTHERWISE.

8. PIPE LENGTHS SHOWN ON THE LONGITUDINAL SECTION ARE INDICATIVE AND MUST NOT BE USED FOR FABRICATION PURPOSES. REFERENCE MUST BE MADE TO THE MANHOLE SCHEDULES FOR THE SETTING-OUT OF MANHOLE INFORMATION WHICH INDICATES PIPE LENGTHS - ANY QUERIES TO BE ADVISED TO LEES ROXBURGH.

| A   | Surface Water Drainage Amended | WW | 06.11.08 |
|-----|--------------------------------|----|----------|
| Rev | REVISION                       | By | Date     |

**Bellway**  
(West Lancashire)  
(a member of Bellway Plc Group of Companies)  
Bellway Homes Ltd, L24 9LR,  
2 Alderley Road, Southport  
Tel: 0171 486 2900 Fax: 0171 336 993

WATERY ROAD  
WREXHAM

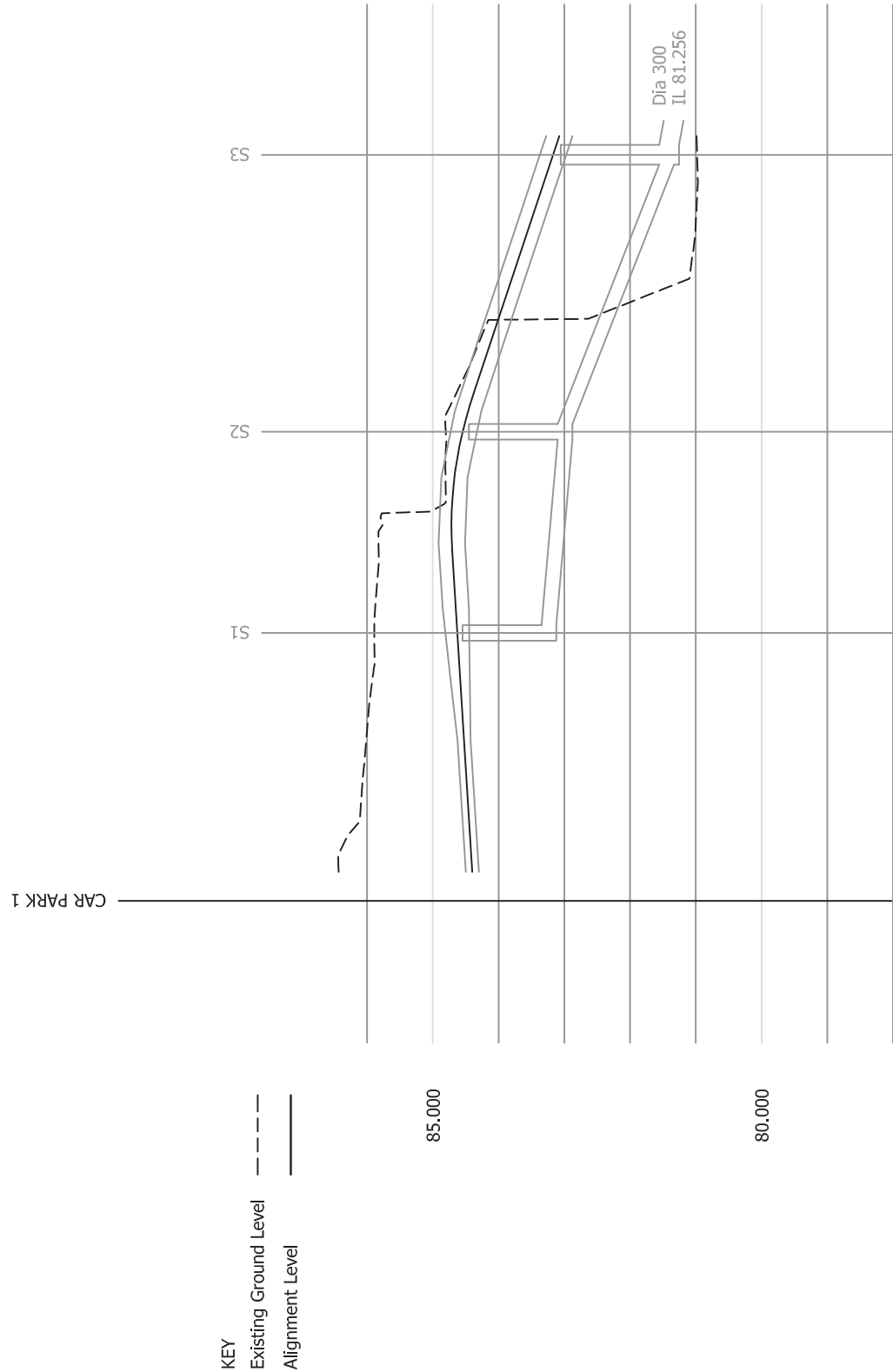
BELLWAY  
LONGITUDINAL SECTIONS  
(SHEET 2 OF 2)



LEES  
ROXBURGH  
Consulting Engineers

THE GENESIS CENTRE, SCIENCE PARK SOUTH,  
BIRCHWOOD, WARRINGTON, CHESHIRE, WA3 7BH.  
Tel: 01925 812898 Fax: 01925 838864

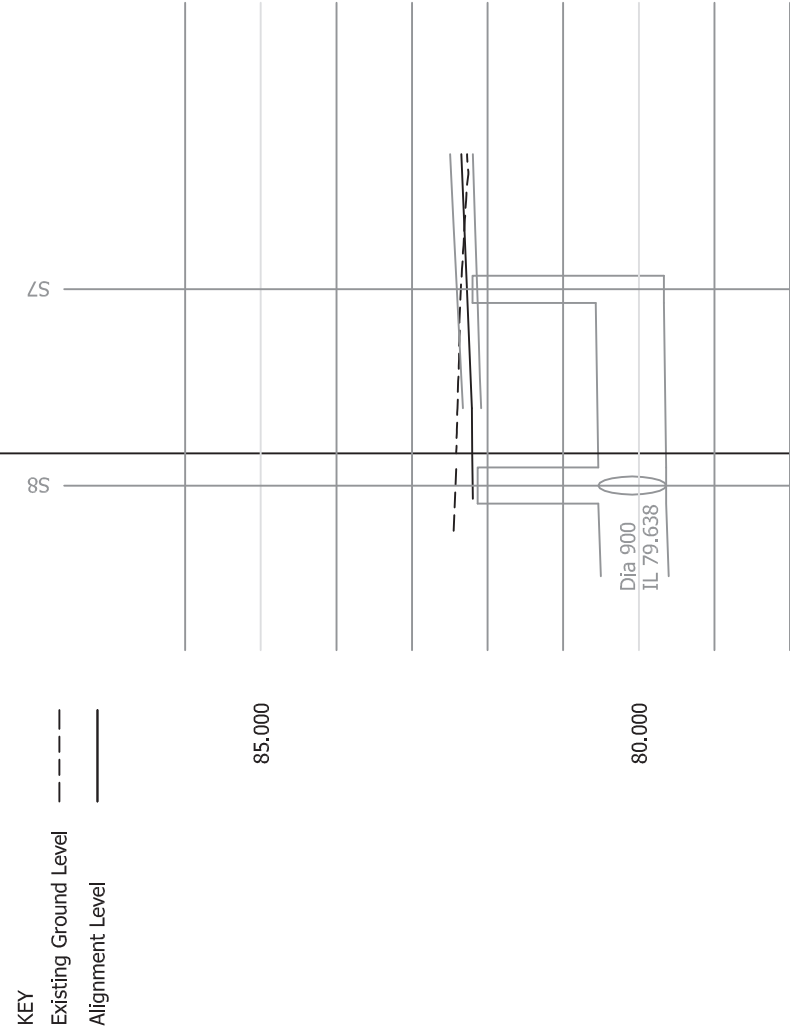
|          |                     |            |
|----------|---------------------|------------|
| Job No.  | Drawing No.         | Revision.  |
| 5078     | 02/06-01            | A          |
| Scale    | H - 1/500 V - 1/100 | Date       |
| Drawn By | Designed By         | Checked By |
| BWP      | BWP                 | WW         |



CAR PARK 4

|                        |                   |  |                                             |                           |        |        |
|------------------------|-------------------|--|---------------------------------------------|---------------------------|--------|--------|
| CHINA                  | 81.256            |  | Dis 225<br>Type E5VC<br>1 in 1.4<br>3.0135m | 81.331                    | 81.256 | 81.256 |
|                        | 81.331            |  |                                             |                           |        |        |
| EXISTING GROUND LEVEL  | 80.988            |  | 80.994                                      | 80.988                    | 80.988 | 80.988 |
|                        | 80.994            |  |                                             |                           |        |        |
| ALIGNMENT LEVEL        | 84.400            |  | 84.525                                      | 84.650                    | 84.705 | 84.737 |
|                        | 84.400            |  |                                             |                           |        |        |
| VERTICAL ALIGNMENT     | G = 1.25%<br>1:80 |  | G = -6.667%<br>1:15                         | L = 12.00<br>R = -151.579 | 84.380 | 84.414 |
|                        | 84.400            |  |                                             |                           |        |        |
| HORIZONTAL ALIGNMENT   | R = 600           |  | R = 600                                     | 84.667                    | 84.738 | 84.800 |
|                        | 84.667            |  |                                             |                           |        |        |
| LEFT HAND CHANNEL      | 84.500            |  | 84.563                                      | 84.625                    | 84.687 | 84.750 |
|                        | 84.500            |  |                                             |                           |        |        |
| RIGHT HAND CHANNEL     | 84.300            |  | 84.363                                      | 84.425                    | 84.487 | 84.550 |
|                        | 84.300            |  |                                             |                           |        |        |
| STORMWATER COVER LEVEL | 84.056            |  | 84.453                                      | 84.511                    | 84.572 | 84.634 |
|                        | 84.056            |  |                                             |                           |        |        |
| STORMWATER DETAILS     | 83.122            |  | Dis 225<br>Type E5VC<br>1 in 1.4<br>3.0135m | 83.172                    | 83.238 | 83.304 |
|                        | 83.122            |  |                                             |                           |        |        |

## ALL PIPES TO BE CLASS 'S' BED AND SURROUND



CAR PARK 3

[illegible]

## ALL PIPES TO BE CLASS 'S' BED AND SURROUND

PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR MUST CONFIRM THE PRECISE INVERT LEVEL AND PIPE DIAMETER OF THE RECEIVING DRAINAGE SYSTEM AND MUST IMMEDIATELY ADVISE LEES ROXBURGH OF ANY VARIATION TO THAT UPON WHICH THE DESIGN HAS BEEN BASED.

THE DETAILS PROVIDED ON THIS DRAWING ARE SUBJECT TO COMMENT BY ALL THE RELEVANT APPROVING AUTHORITIES. UNTIL SUCH TIME AS ALL COMMENTS HAVE BEEN RECEIVED AND INCORPORATED ONTO THE DRAWINGS, ALL THE INFORMATION PROVIDED AND ASSOCIATED COSTINGS, ARE USED AT BELLWAY HOMES LTD RISK AND NO LIABILITY WILL BE ACCEPTED BY LEES ROXBURGH LTD. SCHEME BASED ON ASTLE PLANNING & DESIGN LTD DRG. BHWL/WR/01/C