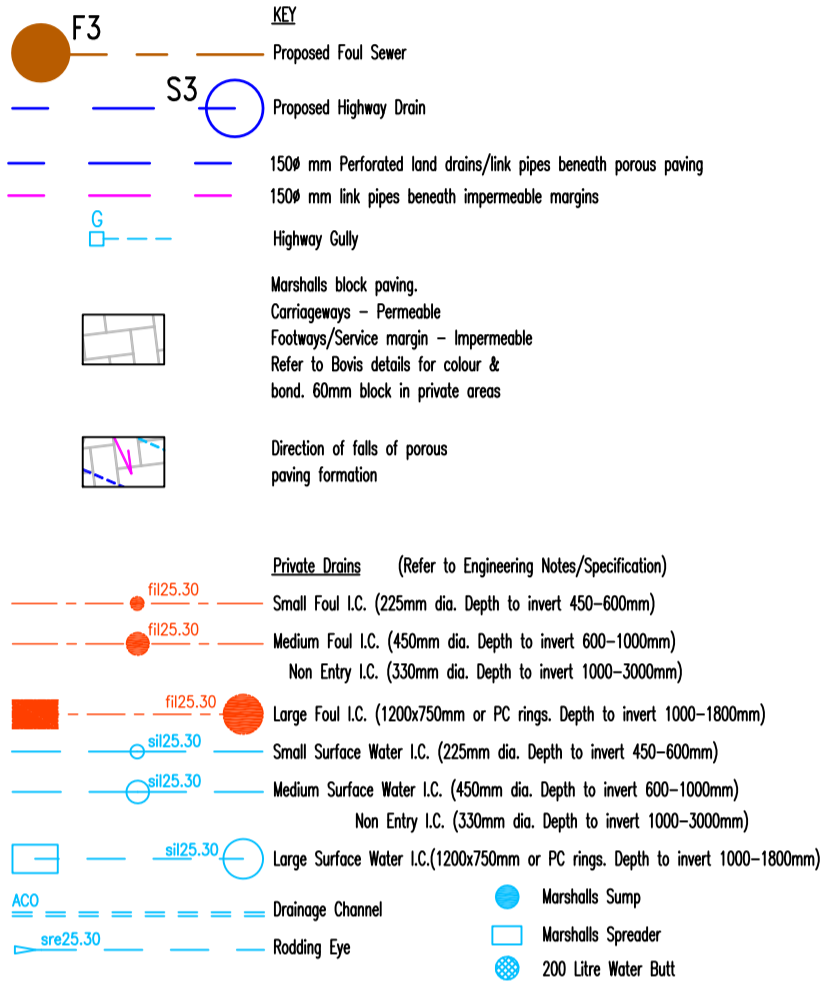


- Notes**
- All levels relate to Ordnance Datum.
 - For adoptable roads and sewer details refer to drawings 5.500 series.
 - All connections to adoptable manholes from private building drainage to be 150mm diameter pipes unless otherwise specified.
 - All house drainage to be 100mm dia unless otherwise stated, and laid in accordance with current Building Regulations and BS3301 : 1985.
 - The Contractor is to refer to Marshalls standard details for connection specifications between surface water manholes and the porous paving system.
 - All drainage products are to be Polypropylene.
 - Pipe bedding material is to be Class B with 150mm minimum thickness surround.
 - Backfill is to be selected fill free of stones larger than 40mm, lumps of clay over 100mm, timber, frozen material and vegetable matter.
 - Pipe protection of house drainage runs is required in accordance with the Typical House Drainage Details drawing. The contractor shall satisfy themselves and agree with the Site Management the actual extent of pipe protection required.
 - Pipes entering and leaving manholes/inspection chambers shall include a rocker pipe, 600mm in length.
 - Brickwork to chambers shall be Class B Engineering to BS3921.
 - Rainwater pipes are to be sited on side elevations whenever possible.



A	14.11.14	Plot engineering details updated following Bovis comments.	RM
Rev	Date	Details	By
Drainage Authority Approval Date			
Highway Authority Approval Date			

Do not scale from this drawing. Use written dimensions only. When shown relationships between slab levels and ground levels are to be checked on site. Any discrepancy or suggested modification to be reported to Design and Engineering Director.
 Note 1: This drawing is the copyright of Bovis Homes Ltd.

BOVIS HOMES
 Bovis Homes Central Region
 Bromwich Court
 Highway Point
 Gorsey Lane
 Coleshill
 B46 1JU
 Tel: 01675 437 000
 Fax: 01675 437 094
 DX: 728340 Coleshill 2

Brookbanks Consulting

6150 Knights Court Solihull Parkway Birmingham B37 7WY
 Tel (0121) 329 4330 Fax (0121) 329 4331
 www.brookbanks.com

SITE			
KINGSMERE, BICESTER KM4			
DRAWING TITLE			
ENGINEERING LAYOUT SHEET 3			
DRAWN BY	DATE	DRAWING NO.	REV
RM	02.09.14	BICE_5_632	A
SCALE:	CHECKED/DATE		
1:250 @ A1	RH		

THIS LAYOUT SHOULD BE USED FOR:
 All private building drainage - position and levels
 All kerbs and retaining works - position and levels
 Road names and postal numbers
 Street lighting and other furniture/signage

THIS LAYOUT SHOULD NOT BE USED FOR:
 Adoptable sewer and highway works - position and levels
 Fencing and tree positions or materials
 Private stopping points or areas
 House types and positions

MARSHALLS ARE TO BE CONSULTED THROUGHOUT THE CONSTRUCTION OF THE POROUS PAVING SYSTEMS TO ENSURE COMPLIANCE WITH THEIR STANDARDS. THE CONTRACTORS ATTENTION IS DRAWN TO THE REQUIREMENT FOR THE POROUS PAVEMENT FORMATION TO FALL TOWARDS THE OUTFALL.

INFILTRATION-POROUS PAVING SYSTEM - TO BE UNDERLAIN WITH A PERMEABLE MEMBRANE (TERRAM 1000 OR SIMILAR APPROVED)

UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT LOCAL AUTHORITIES, IT SHOULD BE UNDERSTOOD THAT ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR COMMENCE SITE WORK PRIOR TO APPROVAL BEING GIVEN, IT IS ENTIRELY AT HIS OWN RISK.