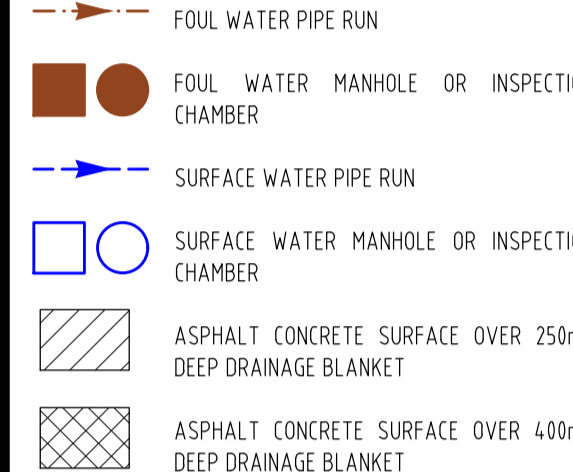


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DRAINAGE NOTES

- NOTATION KEY**
- RWP: RAIN WATER PIPE
 - CD: CHANNEL DRAIN
 - RE: RODDING EYE
 - RG: TRAPPED ROAD GULLY
 - G: TRAPPED YARD GULLY (EXTERNAL)
 - SVP: NEW FOUL WATER MANHOLE
 - NS: NEW SURFACE WATER MANHOLE



SPECIFICATION

- FOUL DRAINS ARE TO BE 100mm NOMINAL DIAMETER LAID AT A GRADIENT NOT FLATTER THAN 1:100.
- DRAINS ARE TO BE CONSTRUCTED USING VITRIFIED CLAY PIPES TO BS 65 OR FLEXIBLE UPVC PIPES TO BS4660 WITH FLEXIBLE JOINTS BEDDED AND BACKFILLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND BS 8301.
- 100mm RIGID PIPES WITH LESS THAN 300mm COVER OR PIPES OF 150mm OR GREATER DIAMETER WITH LESS THAN 600mm COVER ARE TO BE SURROUNDED BY 150mm OF CONCRETE WITH MOVEMENT JOINTS PROVIDED AT EVERY PIPE JOINT.
- FLEXIBLE PIPES WITH LESS THAN 600mm COVER ARE TO BE SURROUNDED WITH CONCRETE OR TO HAVE CONCRETE PAVING SLABS LAID AS BRIDGING ABOVE THE PIPE. PIPES UNDER BUILDINGS ARE TO BE SURROUNDED WITH 100mm MIN. OF GRANULAR MATERIAL.
- ACCESS TO DRAINS MAY PROVIDED BY VITRIFIED CLAY, GRP OR POLYPROPYLENE INSPECTION CHAMBERS TO BS 7158, OR MANHOLES CONSTRUCTED USING CLASS B ENGINEERING BRICKS TO BS 3921, OR PRECAST CONCRETE SECTIONS TO BS 5911, SURROUNDED WITH 150mm OF CONCRETE. MINIMUM DIMENSIONS TO CONFORM TO TABLE 8 OF BS 8301 COVERS AND FRAMES FOR MANHOLES/INSPECTION CHAMBERS MUST COMPLY WITH THE APPROPRIATE LOADING GRADE OF BS 497 OR BS 5911.
- PROVIDE GULLIES AND RWP'S WITH RODDABLE ACCESS.
- ALL PIPES THAT CONNECT TO MAIN RUN DRAINAGE MANHOLES TO BE FIXED 'CROWNS ADJACENT'.
- CONCRETE BEDDING & SURROUND TO BE MIX TYPE GEN 1 TO TABLE 6 OF BS 5328-PART 2 UNO. IF A DIFFERENT 'GEN' MIX IS SPECIFIED IT WILL BE TO THE ABOVE TABLE.
- ALL RWP'S TO CONNECT INTO RODDABLE GULLIES.

NOT FOR CONSTRUCTION

P2	Submission	NK	30/11/20
P1	Preliminary	TS	26/11/20
REV	DETAIL	Dr	DATE

Status: **PRELIMINARY**

Client: **DAVID LLOYD CLUBS**

Project: **Catalyst Bicester
Wendlebury Road, Bicester**

Title: **Drainage GA's,
Surface Water Drainage**

Project N°:	Drawing N°:	Rev:
20110	D100	P2

Date: **Nov 2020**

Scale @A1: **1:200**

Drawn: **TS**

Engineer: **NK**