960mN

860mN

NOTE:
Refer to drawing H1515-432 for Front Entrance detailed works.

NOTE:
New Tarmac Parking Construction sloping to existing @1:40

NOTE:
New Tarmac Parking Construction sloping to existing @1:40

NOTE:
Existing Shed to be demolished, slab removed and replaced with Tarmac Parking Construction

NOTE:
Existing Trees noted T# to be removed and rootball grubbed out and replaced with compacted layers of well graded crushed concrete

NOTE:
TP to be taken down and cables diverted as necessary noted TP#

TRENCH SOAKAWAY SA6
10x2.1x1.5Deep
CL53.00
IL52.00
BL51.00

NOTE:
Existing concrete slabs to be grubbed out and replaced with Tarmac Parking Construction

NOTE:
REFER TO DRAWING H1515-440 FOR NEW PROSHOP DETAILS

Levels Key

- Existing survey levels
- Existing Parking Area Contours
- Proposed site levels
- Proposed Road Contours
- Proposed Parking Area Contours
- Proposed Gradient
- Indicative sculpted bank @ 1:3, UNO.
- 215mm Brickwork retaining wall, Refer to detail.

Private Areas

- *epc* Existing Tarmac Parking Construction
- *tcc* Tarmac Carriageway Construction
- *tpc* Tarmac Parking Construction
- *tppc* Tree Protection Parking Construction
- *tfc* Tarmac Footpath Construction
- *toc Tarmac Overlay Construction
- *pfc* Paving Slab Footpath Construction
- 255x125mm PCC half battered kerb Type HB2 120mm upstand to BS EN 1340.
- 125x150 PC bullnosed kerb to BS EN 1340 Type BN, 25mm upstand.
- 125x150 PC channel square kerb to BS EN 1340 Type CS2, laid flush.

FILL SPECIFICATION
Fill under adoptable carriageway and other vehicularised areas to be to Department of Transport 'Specification for Highway Works Part 1' Table 6/1 Class 1 (General Granular Fill) and compacted in accordance with Table 6/4. Subject to the final approval of the adopting Authority.

Fill under gardens and other landscaped areas to be as raised from site excavations and compaction shall be sufficient to remove large voids and to produce a coherent mass whilst preventing overcompaction and any build up of excess pore pressures.

Private Drainage Key

- Rodding Eye
- Shallow Inspection Chamber
- 450Ø Inspection Chamber
- 450Ø IC with 300mm sump
- 450Ø IC Restricted Access
- Trench Soakaway
- Private Yard Gully
- Private Road Gully
- ACO channel MD100

STORM

PRIVATE DRAINAGE NOTES

3.1 All private drainage works to be in accordance with Part H of the current Building Regulations and BS 8301.

3.2 All private drainage to be either:-
PVCu to BS EN 1401-1 (BS 4660/5481) by Osma, Marley or similar.
OR
Vitrified Clayware to BS 65 and BS EN 295.
OR
Concrete to BS 5911 and flexibly jointed.

The drainage design shown on this drawing has been based upon a PVCu drainage system.

3.3 All private drainage to be 100mm diameter unless noted otherwise. Gully laterals to be sized to suit gully outlets. Connections to public sewers to be 150mm dia unless noted otherwise.

3.4 Foundations adjacent to drain runs are to be constructed so that the difference between the formation level of the foundation and invert level of any drain must not exceed the horizontal distance minus 500mm.

3.5 Where foul and surface water sewers cross and there is less than 100mm clearance short lengths of both runs are to be encased in concrete.

3.6 All RWP, SVP and foul drainage positions are to be confirmed by the Architect.

3.7 Where RWP's are connected direct to drain, rodding access plates are to be provided.

3.8 For pipe bedding and backfill details refer to drawing number H1515\437.

SOAKAWAY NOTES

4.1 Site investigation report by Soil Consultants Ref: 11043b/CA has shown the infiltration rate to be 1.59x10-5 > 5.67x10-6m/s (0.0204m/h). Soakaways have been designed to accord with BRE365 & Ciria Report 156 utilising the lowest value.

4.2 All soakaways to be sited 5m minimum from any building or wall, existing or proposed, or any other soakaway.

4.3 No soakaway bases to penetrate water table level.

4.4 No soakaway to be constructed in contaminated ground.

Notes:

1.1 Do not scale from this drawing.

1.2 All dimensions are in m unless otherwise specified.

1.3 In case of any discrepancies in drawings or details refer to engineer for clarification. Unilateral decisions by the contractor will not be accepted.

1.4 This drawing is to be read in conjunction with all related Architects, Consultants & Sub-Contractors drawings and specifications.

1.5 The Contractor is to ensure that all design drawings and information are read concurrently and any discrepancies or omissions reported directly to Aventus Design.

1.6 This drawing is based upon the survey by KND Surveys Ltd, reference E 12 22 dated 31st May 2022 provided in digital format.

1.7 Levels are related to previous KND Surveys Drawing (A0515-T).

1.8 The grid relates to a local datum.

1.9 The Contractor must check the levels of all existing drainage outfalls prior to construction of any drainage, unless otherwise agreed, to ensure the proposed design may be achieved. Any discrepancies must be reported immediately to Aventus Design.

1.10 Sulphates have been determined as class 1 (DS-1) for design purposes in accordance with BRE Special Digest 1 (2001). Buried Concrete to be in accordance with ACEC Site Class AC-1.

1.11 All external building dimensions are to be checked against the Architects drawings prior to any construction commencing.

1.12 All adoptable highway works to be in accordance with the Local Authorities Specifications.

1.13 All adoptable drainage works to be in accordance with the Water Authorities standard guidelines for connections epc.

1.14 Formation to road/hardstanding to be proof rolled and any soft spots in subgrade of road/Hardstanding areas are to be excavated and replaced with well compacted sub-base or free draining granular material to Department of Transport Specification for Highway Works Part 2' Table 6/1 Class 1 (General Granular Fill) and compacted in accordance with Table 6/4.

CDM REGULATIONS 2015
Aventus Design have considered and where reasonably practicable avoided foreseeable risks in the preparation of the design shown on this and related drawings. Significant risks which remain and associated control measures are identified in the Risk Register and should be given particular attention by the main contractor on site.
RISKS RELATING TO THIS DRAWING:
RISK NUMBERS 4 - 6 on Risk Register
NOTE: The Risk Register records only those elements considered unusual, difficult to manage or outside the anticipated expertise of a competent contractor.

Drawing Status: PRELIMINARY ISSUE

REV.	DATE	DESCRIPTION	CHK	APP
F	01.05.26	Soakaway references amended.	SU	PP
E	06.03.26	Gates added.	SU	PP
D	05.12.25	Tree Protection Parking surafce added.	SU	PP
C	03.12.25	Access road parking bays amended.	SU	PP
B	25.11.25	Private parking layout amended.	SU	PP
A	31.10.25	Finishes hatching added, layout to site frontage amended.	SU	PP

Aventus Design Ltd
Unit 5 - Leaches Farm
Business Centre
Bicester Road
Kingswood
Aylesbury
Bucks HP18 0RF
Tel: 01296 770066

Aventus DESIGN
Civil & Structural Engineers
Email: mail@aventusdesign.co.uk
Web: www.aventusdesign.co.uk

Client: Sonning Golf Club

Site: Sonning Golf Club, Duffield Road, Sonning RG4 6GJ

Title: External Works Sh 2 of 2

Drawing no. H1515 - 431

Issue:	Scale: 1:200 @ A1		Checked: PP	Date: Oct '25
F	Drn: S.U.	Date: Sept '25	Approv: SU	Date: Oct '25

ORIGINAL SIZE - A1
250mm 200mm 150mm 100mm 50mm