

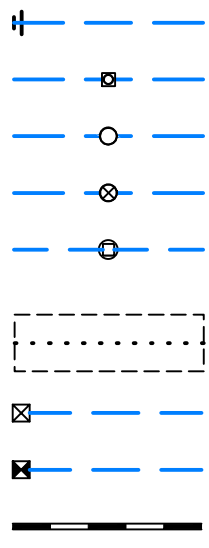
Private Drainage Key

- Rodding Eye
Shallow Inspection Chamber
450Ø Inspection Chamber
450Ø IC with 300mm sump
450Ø IC Restricted Access

Trench Soakaway

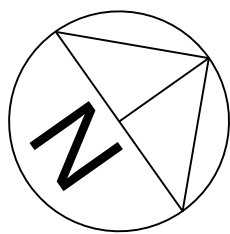
Private Yard Gully
Private Road Gully
ACO channel MD100

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.

- PRIVATE DRAINAGE NOTES**
- 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.



- 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.
- 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.

Levels Key

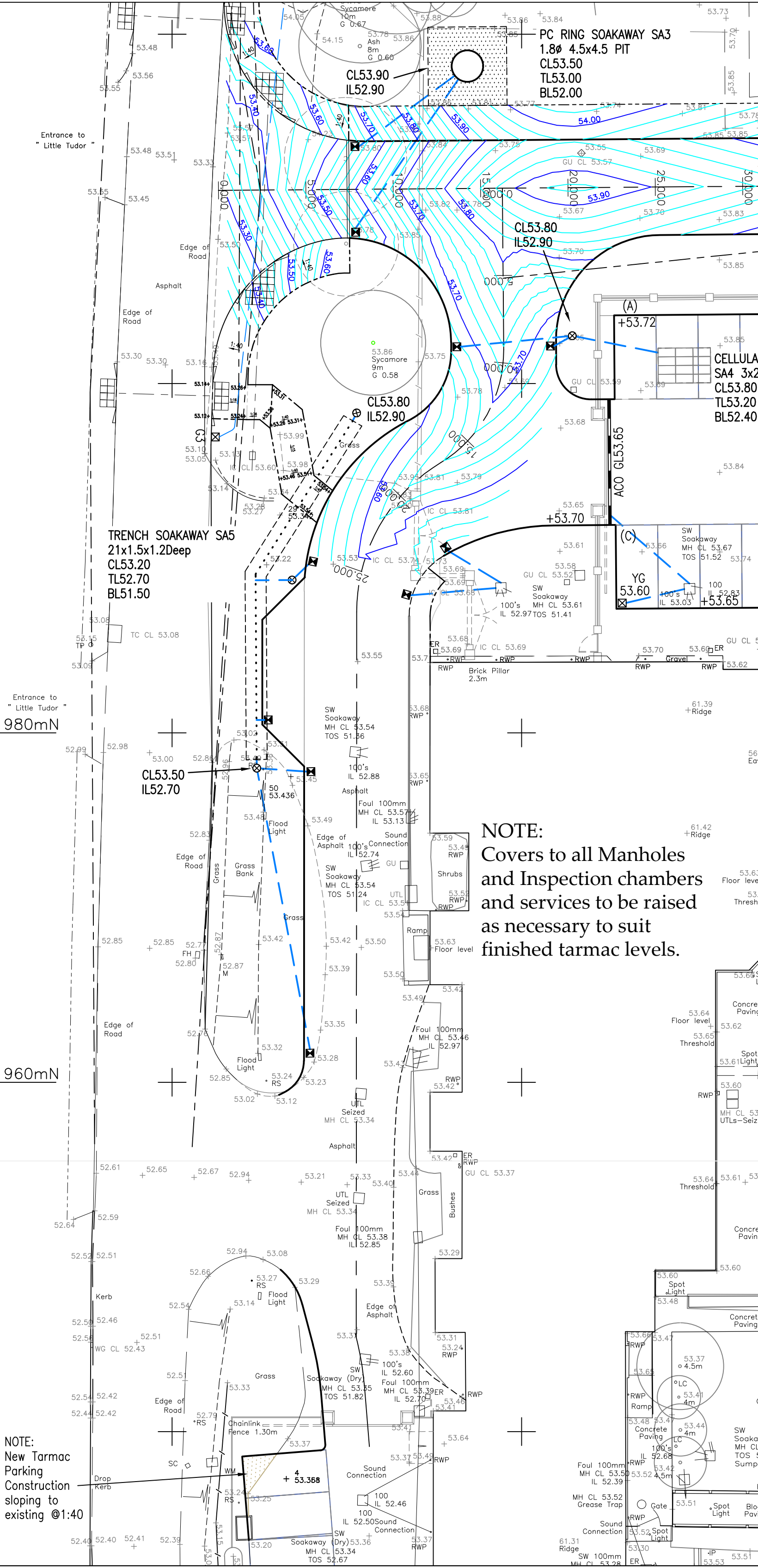
- +53.57 Existing survey levels
- +53.30 Existing Parking Area Contours
- +53.20 Proposed site levels
- +53.20 Proposed Road Contours
- +53.20 Proposed Parking Area Contours
- +53.20 Proposed Gradient
- +53.20 Indicative sculpted bank @ 1:3, UNO.
- 215mm Brickwork retaining wall, Refer to detail.

Private Areas

- *epc* Existing Tarmac Parking Construction
- *tcc* Tarmac Carriageway Construction
- *tpc* Tarmac Parking Construction
- *tfc* Tarmac Footpath Construction
- *tloc* 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.

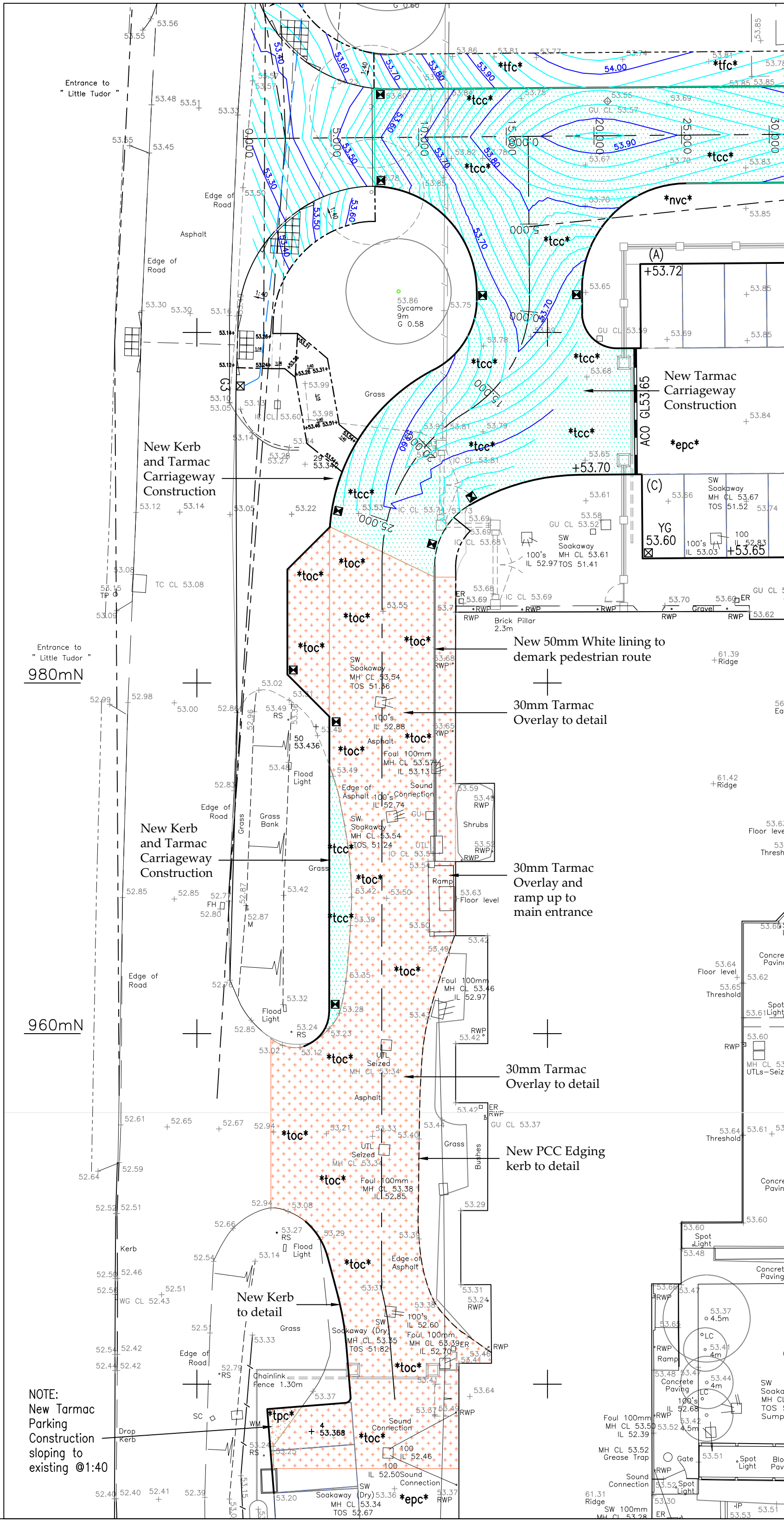
- Notes:**
- 1.1 Do not scale from this drawing.
- 1.2 All dimensions are in m unless otherwise specified.
- 1.3 In case of any discrepancies in drawings or details refer to engineer for clarification. Unilateral decisions by the contractor will not be accepted.
- 1.4 This drawing is to be read in conjunction 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 etc.
- 1.14 Formation to road/handstanding to be proof rolled and any soft spots in subgrade of road/Handstanding 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.

Drainage Layout



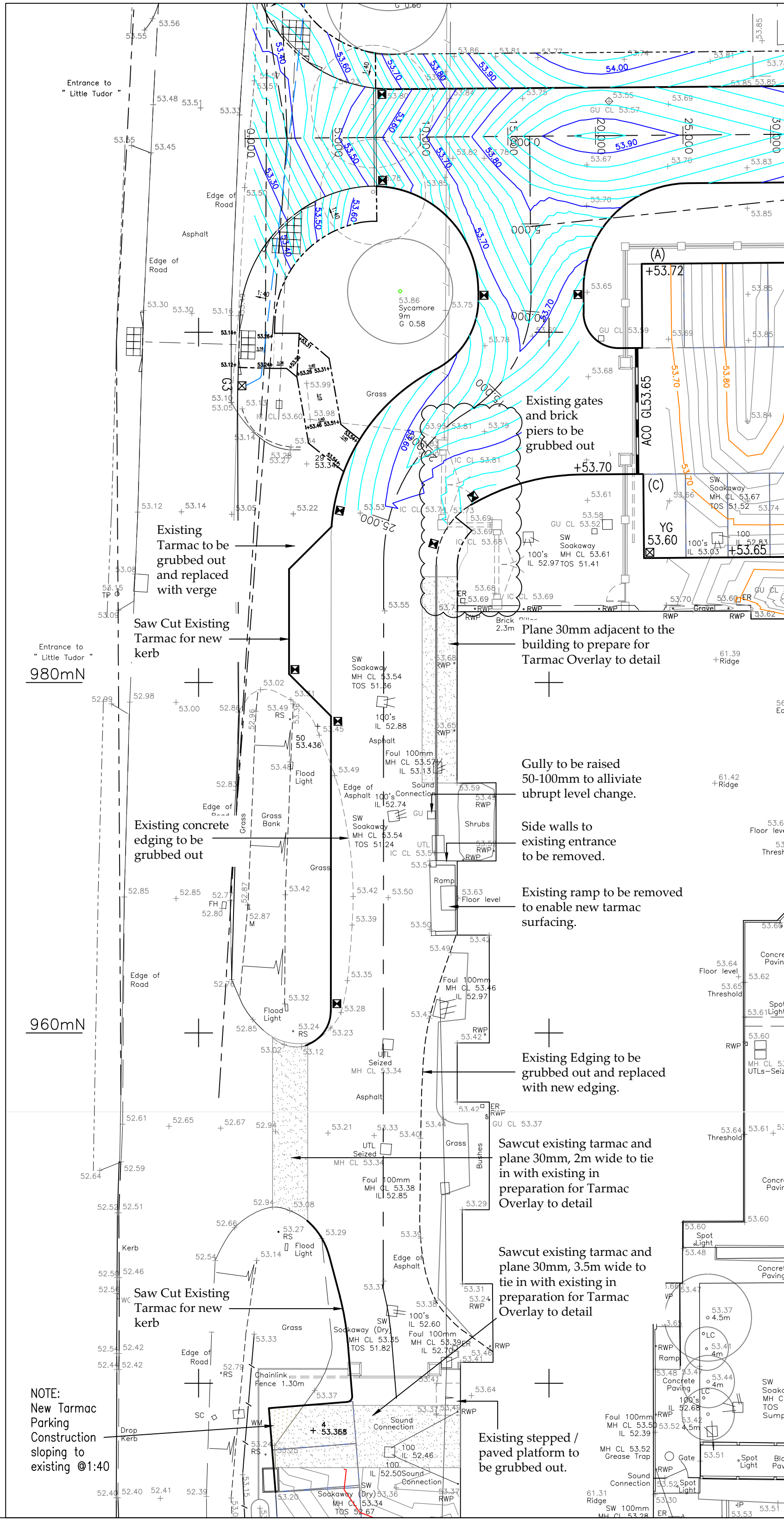
NOTE:
Covers to all Manholes and Inspection chambers and services to be raised as necessary to suit finished tarmac levels.

Surfacing Plan



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

Site Clearance



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

CDM REGULATIONS 2015
Aventus Design have considered and where reasonably practicable avoid 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
E	01.05.26	Soakaway references amended.	SU	PP
D	06.03.26	Footway link to Duffield Road and northern carpark amended, taxi drop off and gates 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, access road soakaways changed to PC Ring/Pits. Layout to site frontage amended.	SU	PP

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Client: **Sonning Golf Club**

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

Title: **Access Road Link**

Drawing no. **H1515 - 432**

Issue: **E** Scale: 1:200 @ A1
Dm: S.U. Date: Sept 25
Checked: PP Date: Oct '25
Approved: SU Date: Oct '25

ORIGINAL SIZE - A1