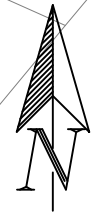


ORDNANCE SURVEY. (c) CROWN COPYRIGHT 2022. ALL RIGHTS RESERVED. LICENCE NUMBER 100048957.

NOTE:
THE SURFACE WATER DRAINAGE SYSTEM HAS BEEN DESIGNED ON THE BASIS THAT 110% OF NEW & EXISTING ROOF AREAS DRAIN TO THE SYSTEM (TO ALLOW FOR FUTURE "URBAN CREEP"). EXTERNAL HARD LANDSCAPING & PARKING BAYS WILL BE PERMEABLE PAVING OR DRAIN TO ADJACENT SOFT LANDSCAPED AREAS, AND SO ARE EXCLUDED FROM THE IMPERMEABLE AREAS USED IN THE DRAINAGE DESIGN.
THE SYSTEM IS DESIGNED NOT TO FLOOD ON A 100 YEAR RETURN PERIOD STORM EVENT + 50% CLIMATE CHANGE ALLOWANCE.



NANCEVALLON

KEY:

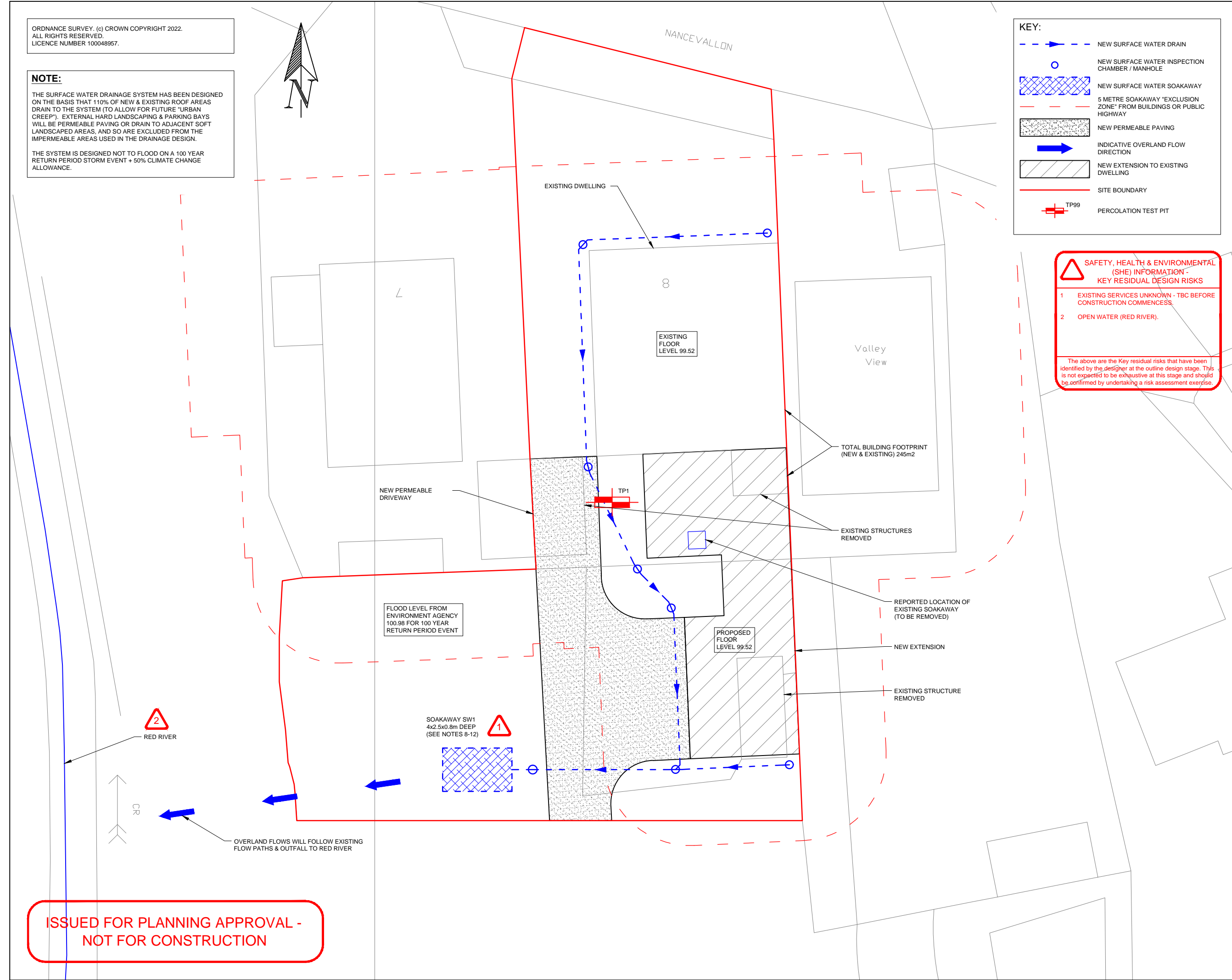
- NEW SURFACE WATER DRAIN
- NEW SURFACE WATER INSPECTION CHAMBER / MANHOLE
- NEW SURFACE WATER SOAKAWAY
- 5 METRE SOAKAWAY "EXCLUSION ZONE" FROM BUILDINGS OR PUBLIC HIGHWAY
- NEW PERMEABLE PAVING
- INDICATIVE OVERLAND FLOW DIRECTION
- NEW EXTENSION TO EXISTING DWELLING
- SITE BOUNDARY
- TP99 PERCOLATION TEST PIT

- NOTES**
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER SP CIVIL DESIGN LTD. DRAWINGS AND ANY RELEVANT ARCHITECT'S DRAWINGS.
 - ALL LEVELS ARE IN METRES UNLESS STATED OTHERWISE, TO ORDNANCE DATUM, RELATIVE TO TOPOGRAPHICAL SURVEY & DESIGN INFORMATION PROVIDED BY THE ARCHITECT.
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
 - ALL PIPEWORK & INSPECTION CHAMBERS / MANHOLES SHALL BE IN ACCORDANCE WITH BUILDING REGULATIONS PART H1 SECTION 2, UNLESS OTHER DETAILS ARE SPECIFICALLY DETAILED ON THESE DRAWINGS.
 - ALL PIPEWORK IS ASSUMED TO HAVE MINIMUM 600 COVER UNLESS STATED OTHERWISE, INCLUDING AT GULLY OUTLETS. PIPE PROTECTION MAY BE REQUIRED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, ESPECIALLY IN TRAFFICKED AREAS.
 - WHERE ESVC OR uPVC PIPES ARE USED, 600 LONG ROCKER PIPES SHALL BE PROVIDED OUTSIDE CHAMBERS & STRUCTURES. WHERE PE PIPES ARE USED, ROCKER PIPES ARE NOT REQUIRED.
 - BUILDING DRAINAGE, I.E. ROOF GUTTERS & INTERNAL SANITARY PIPEWORK, IS TO BE DESIGNED BY OTHERS. ANY DETAILS SHOWN HERE ARE INDICATIVE ONLY.
 - SOAKAWAYS MUST BE LOCATED MINIMUM 5m AWAY FROM BUILDINGS & MINIMUM 5m AWAY FROM OTHER SOAKAWAYS / DRAINAGE FIELDS.
 - SOAKAWAY UNITS SHALL COMPRISE MODULAR GEOCELLULAR BOX STRUCTURES DESIGNED SPECIFICALLY FOR THE PURPOSE OF SUBTERRANEAN CATCHMENT & SOAKAWAY OF WATER AND SHALL HAVE MINIMUM 95% VOIDS. UNITS MUST BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
 - SOAKAWAY DETAILS SHOWN HERE ARE INDICATIVE ONLY. PERCOLATION TESTING WILL BE REQUIRED AT EACH SOAKAWAY LOCATION TO DETERMINE ACTUAL SOIL INFILTRATION RATES FOR DETAILED DESIGN.
 - TRIAL PITS ARE REQUIRED TO BE DUG AT EACH SOAKAWAY LOCATION TO CONFIRM THAT THE WATER TABLE IS AT LEAST 1m BELOW THE BASE OF THE SOAKAWAY.
 - NO CHANGES TO DRAINAGE SIZING, CONFIGURATION OR LAYOUT SHOULD BE MADE WITHOUT FIRST CONSULTING THE DESIGNER.

SAFETY, HEALTH & ENVIRONMENTAL (SHE) INFORMATION - KEY RESIDUAL DESIGN RISKS

- EXISTING SERVICES UNKNOWN - TBC BEFORE CONSTRUCTION COMMENCES.
- OPEN WATER (RED RIVER).

The above are the Key residual risks that have been identified by the designer at the outline design stage. This is not expected to be exhaustive at this stage and should be confirmed by undertaking a risk assessment exercise.



ISSUED FOR PLANNING APPROVAL - NOT FOR CONSTRUCTION

Rev.	Drawn	Chkd.	Apprd.	Date	Description
01	SDP	SDP	SDP	01/08/23	ISSUED FOR APPROVAL

Client: **IAN RICHARDS**

Project: **EXTENSION TO 8 NANCEVALLON, CAMBORNE TR14 9DE**

Drawing Title: **CONCEPTUAL SURFACE WATER DRAINAGE LAYOUT**

SP CIVIL DESIGN LTD.
07879 821 968
www.spcivildesign.co.uk
Email: steve@spcivildesign.co.uk

Scale (at A1)	Date	Drawn
1:100	01/08/2023	SDP
Drw. no.	Rev.	
22021-NVL-DR-1000	01	