

Foundation depth if Apple Tree to remain so a minimum of 1.250m @ 5.5m from tree so at a level of 8.650 assuming a high shrink soil subject to sample test outcomes.

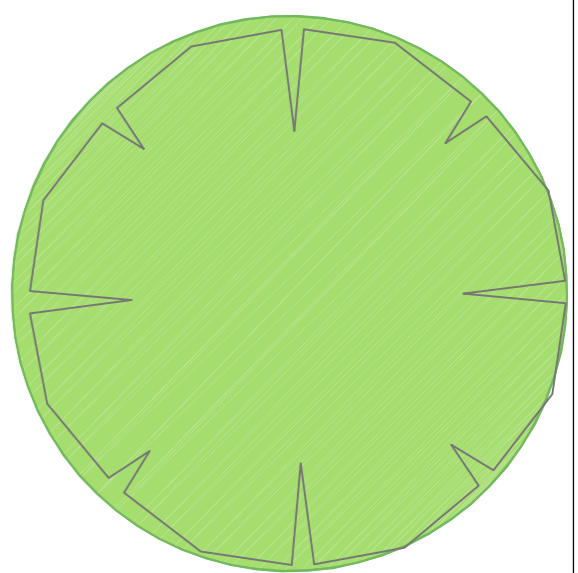
New down pipes to be black squariline line to discharge into a plastic access gully with grating such as Hepworth SCS/1. Make good any defects within existing monoliths as required. Existing drainage around the site to be surveyed to establish ensure all applicable permissions are in place prior to connection to existing system.

New down covers are to be bolt down type. Location of public sewers to be established relative to new works and a build over agreement to be entered if required. New drains to be installed in accordance with the SWSM on utility approval and to their technical standards. Preferable alternative for surface water drain to connect, subject to site percolation test outcome to a suitably constructed soakaway.

New foundations to be at least equal to the depth of existing foundations. If a clay adopt details as given in specification covering a minimum of 100mm from the existing foundations. If a clay adopt details as given in specification covering a minimum of 100mm from the existing foundations.

All existing buried drainage to be site checked. Provide new drainage to connect existing drains to new drains. Provide new drainage to connect existing drains to new drains. Provide new drainage to connect existing drains to new drains.

Down pipes to connect to water butt with over flow to connect to new soakaway, or one to be located and removed if within 5m of proposed extension if there not combined. Minimum depth of foundations to be 1250mm from GL on shrinkable clay rise to 1000mm, final depth to be confirmed by test. Foundations to be confirmed by test. Foundations to be confirmed by test.

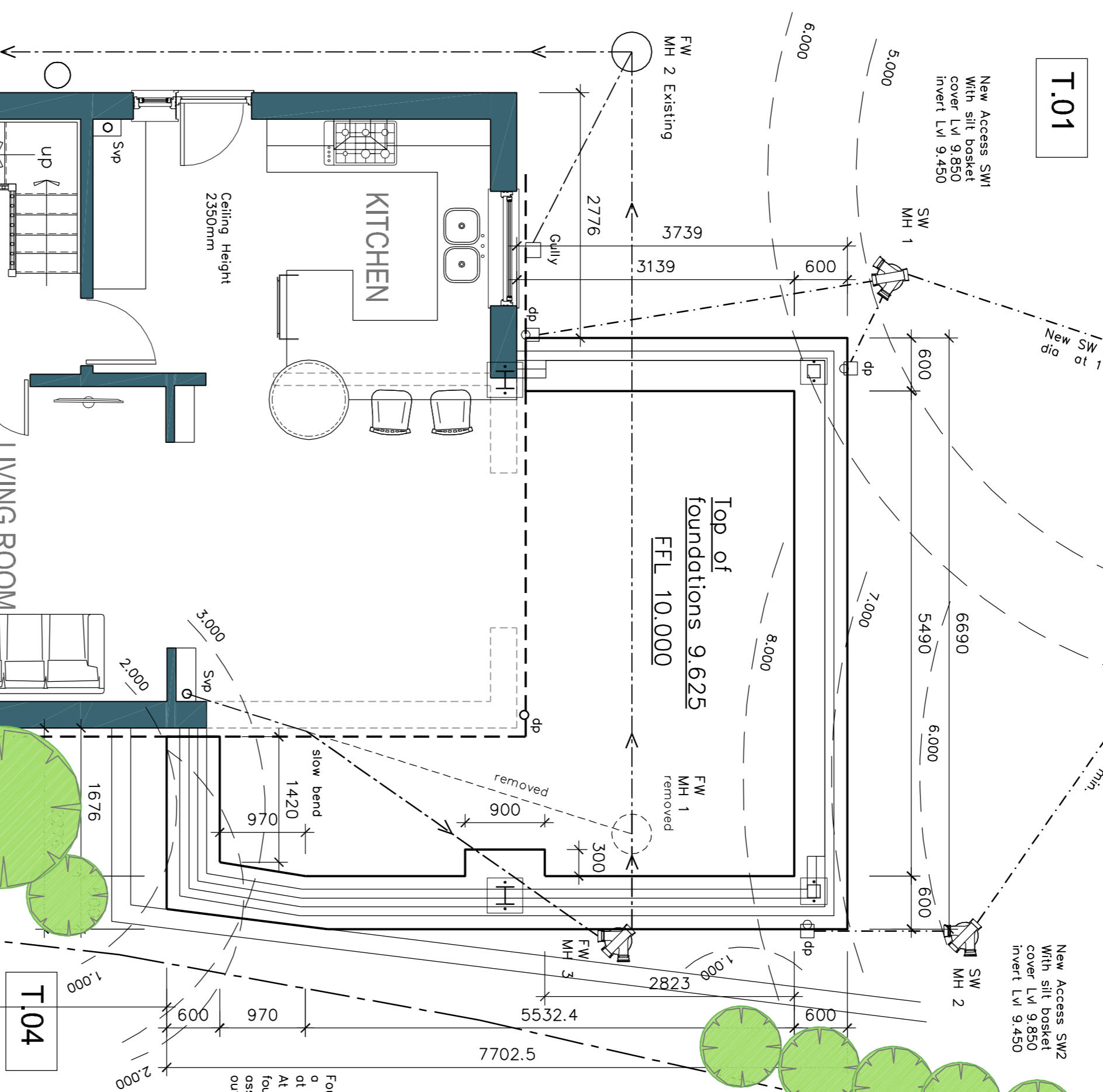


Foundation depth if Fir tree to remain at current height a minimum of 1.000m @ 6.5m from tree so assuming a high shrink soil subject to sample test outcomes.

T.02

T.01

T.03

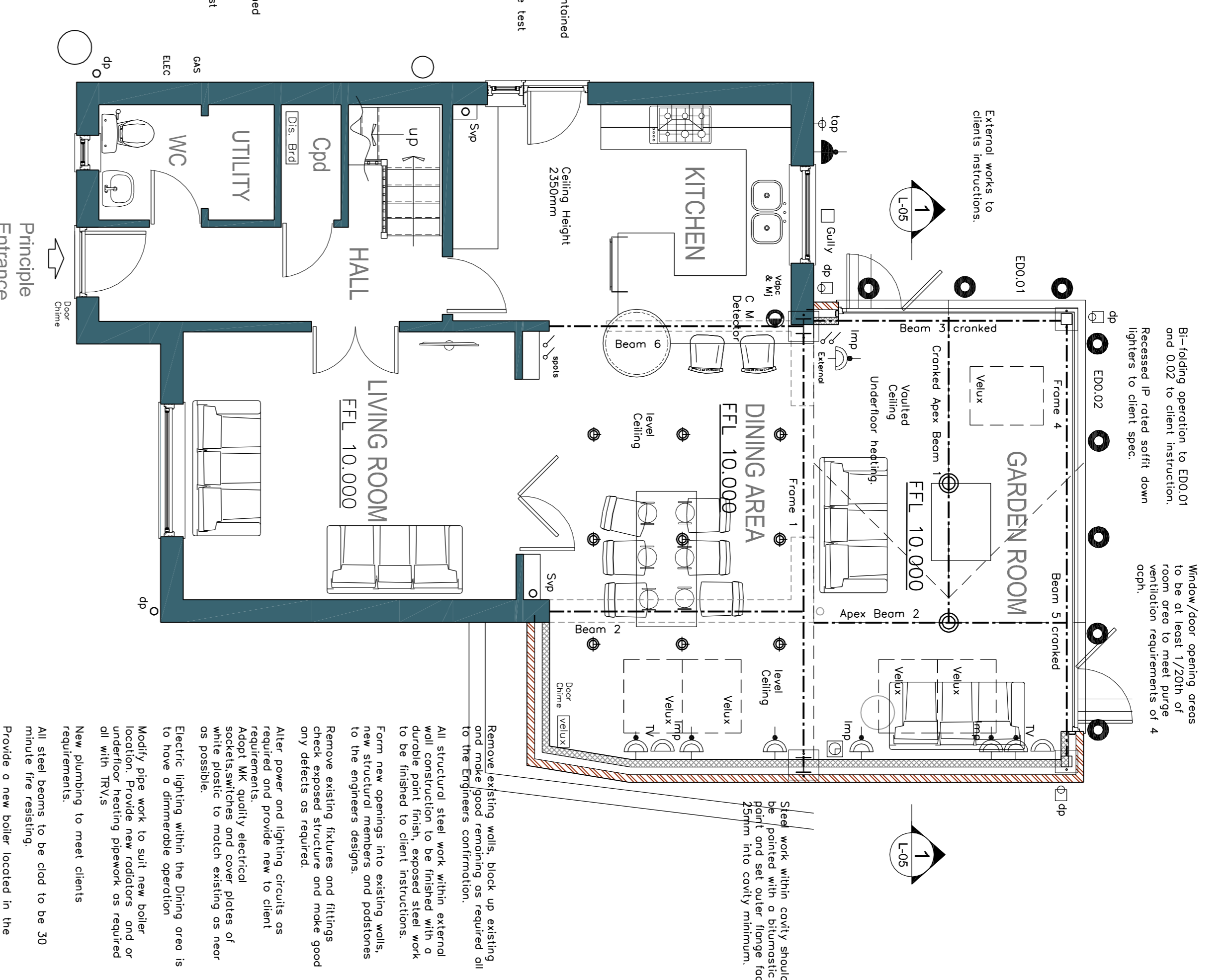


## PROPOSED FOUNDATION AND DRAINAGE PLAN

DATE OF SURVEY: 5th July 2013

TREE REF	SPECIES	HEIGHT M	STEM DIA MM	BRANCH SPREAD M	HEIGHT OF CLEARANCE M	AGE CLASS	RELATIVE VIGOUR	STRUCTURAL CONDITION	PRELIMINARY RECOMMENDATION	ESTIMATED SERVICE LIFE YEARS	CATEGORY GRADING
T 1	APPLE	5.000	TBC	N 1.0   S 1.0   W 1.0	1.500	YOUNG	NORMAL	GOOD	NONE	20-40	B
T 2	FIR	3.500	TBC	N 1.0   S 1.0   W 1.0	2.000	MIDDLE	NORMAL	GOOD	NONE	20-40	B
T 3	APPLE	3.000	TBC	N 1.0   S 1.0   W 1.0	2.000	MIDDLE	NORMAL	GOOD	NONE	20-40	B
T 4	FIR	2.000	TBC	N 1.0   S 1.0   W 1.0	2.000	MIDDLE	NORMAL	GOOD	NONE	20-40	B
T 5	FIR	3.500	TBC	E 1.0   W 1.0	2.000	MIDDLE	NORMAL	GOOD	NONE	20-40	B

## PROPOSED GROUND FLOOR GENERAL ARRANGEMENT PLAN



- ### LEGEND
- Surfaced mounted ceiling rose.
  - Recessed luminaires such as Aurora SQA, AU-DIMS31 or AU-DIMS32 for directional, fire rated and port LI compliant.
  - External Light to client specification
  - One way lighting switch
  - Two way lighting switch
  - One way pull chord lighting switch
  - Intermediate switch
  - Denotes key operated switch
  - Lighting control pr movement sensor
  - Smoke detector and sounder/vecon base combined
  - Fixed temperature heat detector and sounder base combined
  - Manual call point
  - Carbon Monoxide detector and sounder combined.
  - Combin alarm control panel
  - Intruder alarm control panel
  - Velex auto control module
  - Distribution Board

- Floor outlet box containing 2no. twin switched socket outlet and two blank 4 way data+comms plate
- 13A Switched fused connection unit serving unswitched sso below
- 20A Outdoor supply terminating with IP65 switch
- 13A Twin switched socket outlet
- TV Co-axial socket
- 13A Switched fused spur outlet
- 5A Lamp circuit switched socket outlet
- Twin r45 outlet
- Panel radiator size by specialist.
- Central heating boiler.

- ### NOTES
- All services and outlets shown on this drawing are typical only and should not be relied upon as quantities and layout tenderer as required to satisfy the requirements of the specification.

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THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL PLAN DRAWINGS & DOCUMENTS RELATING TO THE WORKS. DO NOT SCALE FROM THIS DRAWING EXCEPT FOR DIMENSIONS SPECIFIED.

CDM Regulations 2007 - Designers' Notes on Significant Residual Risks

These notes relate solely to information shown on this drawing. Only significant risks which are considered to be unusual or unlikely to be obvious to a competent contractor or other designer will be highlighted. This information may be subject to revision as the design develops.

Risk: do to drawings

VERIFICATION STATUS	verified by	Date
PLANNING	Neil	Apr 13
BUILDING CONTROL	Neil	Apr 13
CONSTRUCTION		

## INIGO ARCHITECTURE LTD

By: **Mr & Mrs Gough**  
 Client: **Proposed Side and Rear Extension**  
 Project Title: **26 Tavistock Avenue Ampthill Bedfordshire MK45 2RY**  
 Date: **April 13**  
 Checked: **NH**  
 Drawn: **Neil**  
 Project Title: **Proposed Foundation & Drainage and General Arrangement Plan**

CGAT CHARTERED PRACTICE AND DEVELOPMENT CONSULTANTS  
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