

Appendix H

Kirklees Council Flood Management and Drainage

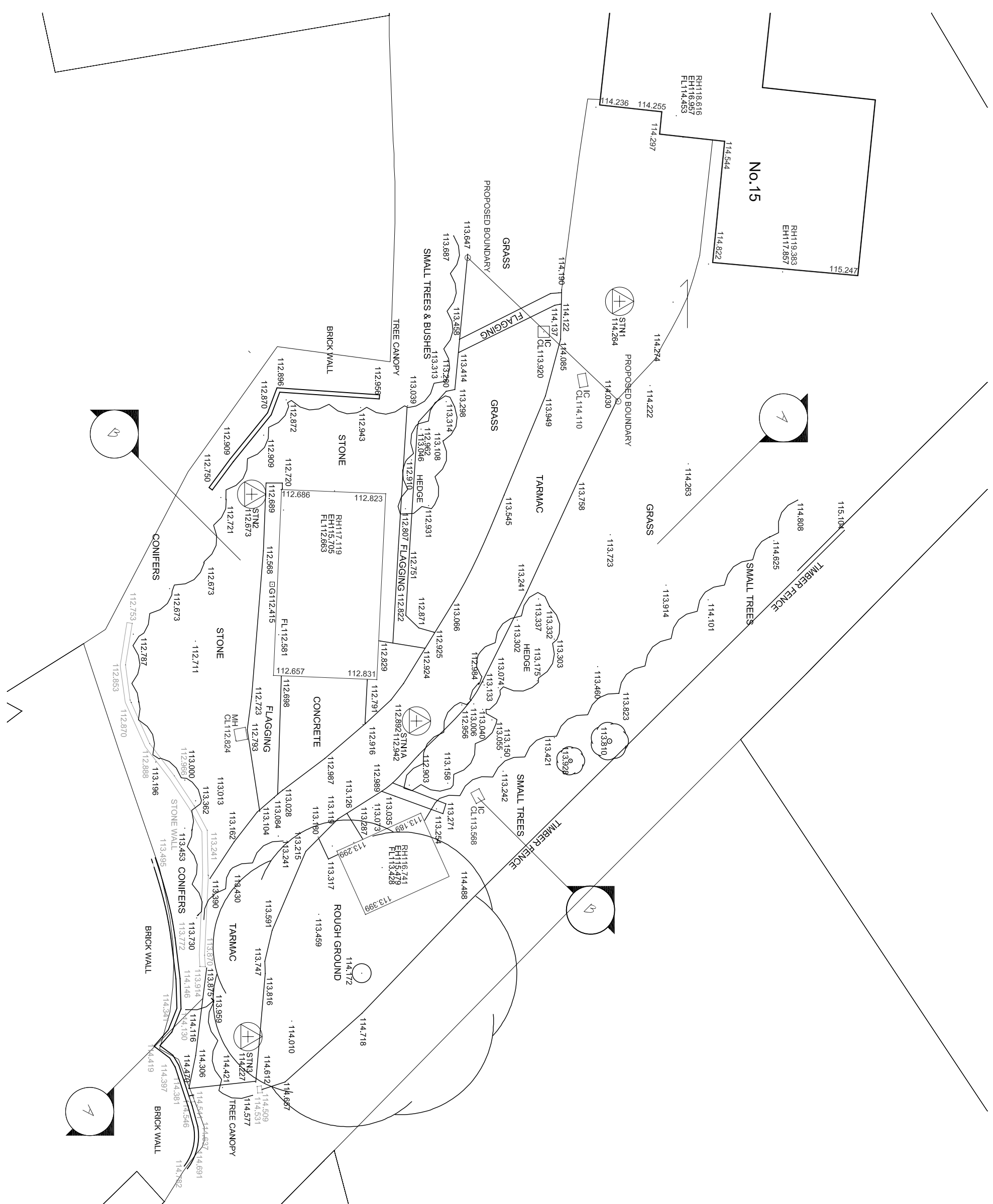
Surface Water Flood Plan



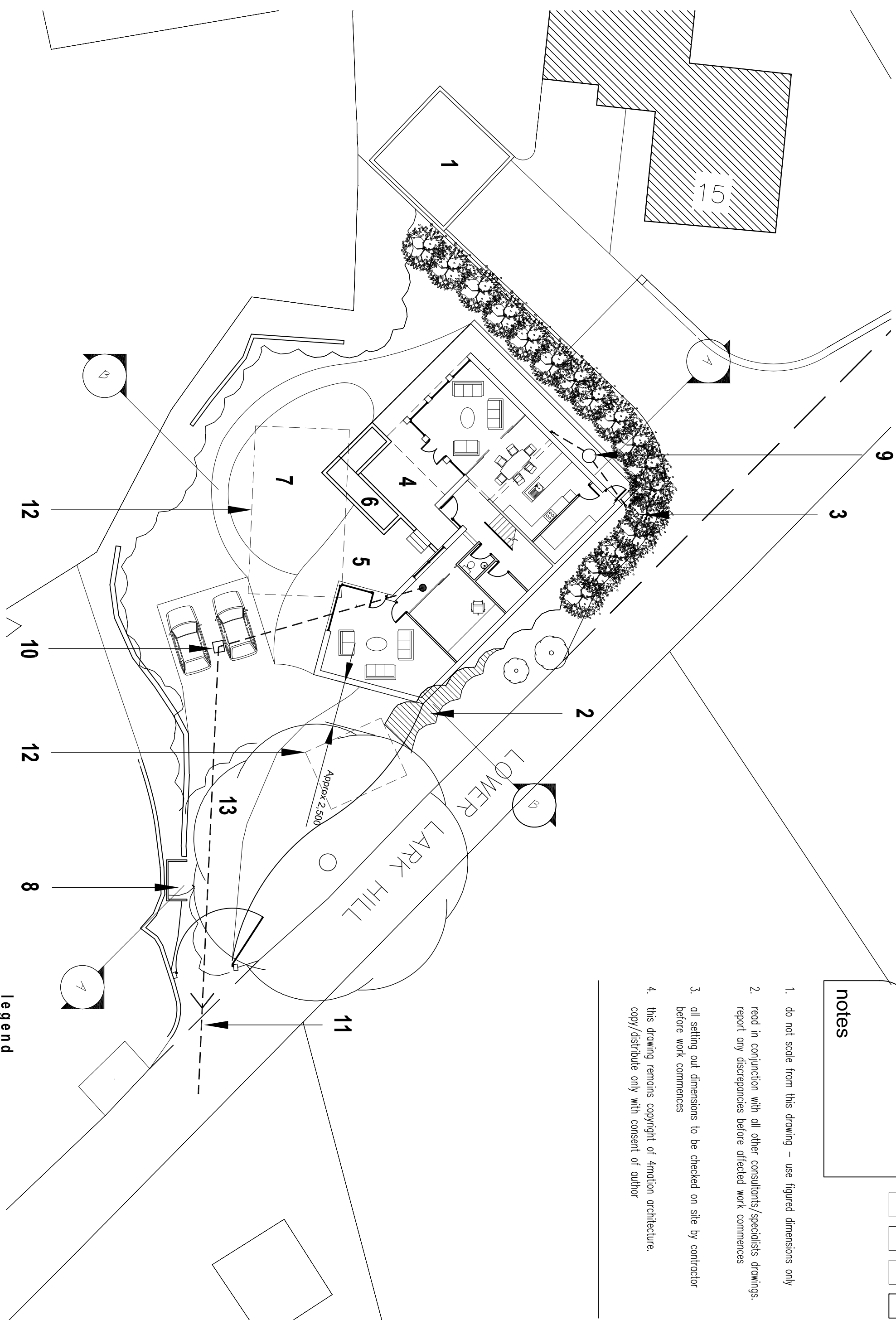
Appendix J

Proposed Plan



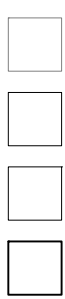


SURVEY STATIONS		
STN	EASTING	NORTHING
1	417867.014	425038.480
1A	417868.124	425025.781
2	417877.176	425017.103
3	417705.753	425016.907

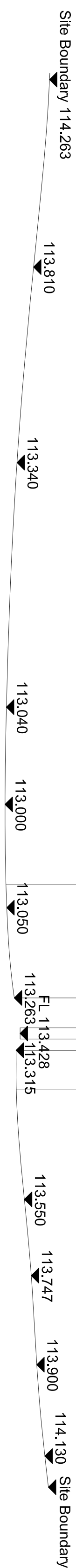
[illegible]

1. do not scale from this drawing – use figured dimensions only
2. read in conjunction with all other consultants'/specialists' drawings
report any discrepancies before affected work commences
3. all setting out dimensions to be checked on site by contractor
before work commences
4. this drawing remains copyright of Armonia architecture,
copy/distribute only with consent of author

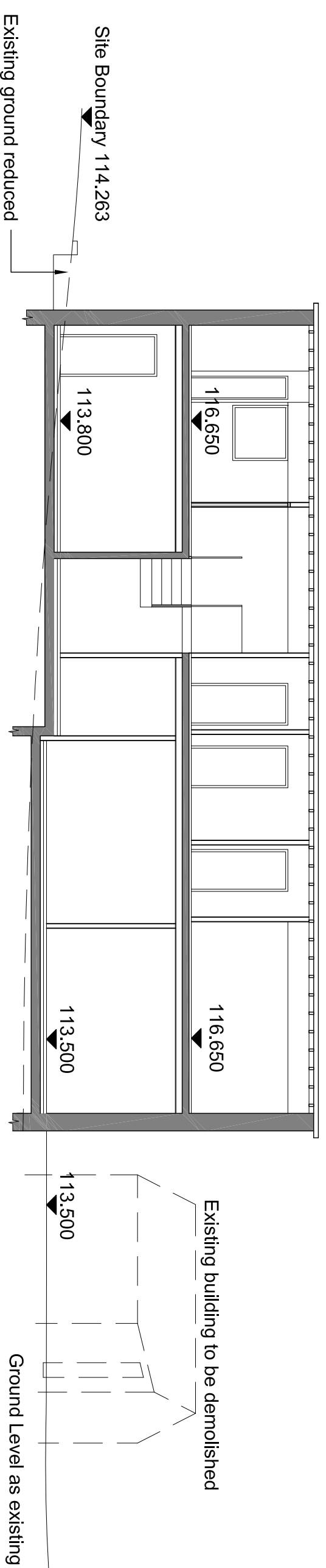
notes



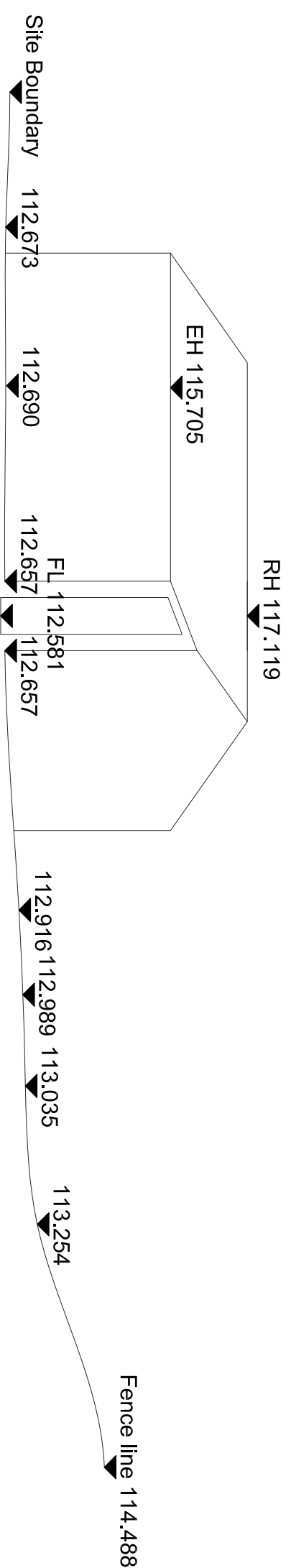
Existing Site Plan - 1:200@A1



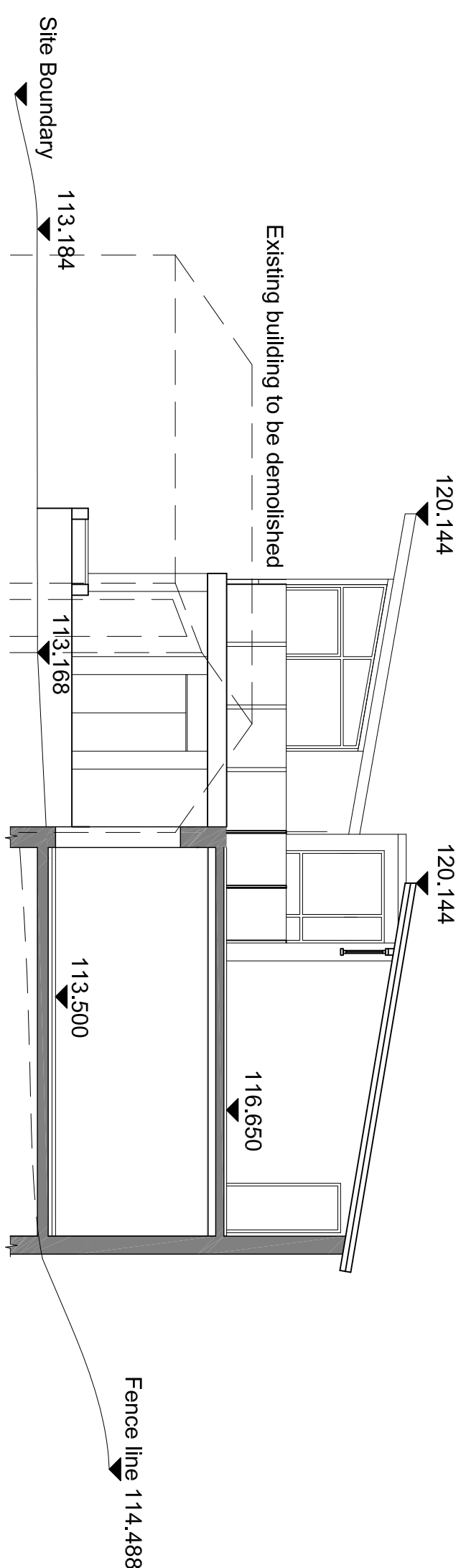
Existing Section AA - 1:100@A1



Proposed Section AA - 1:100@AA1



Existing Section BB - 1:100@A1



Proposed South East Elevation - 1:100@A1

dwg revision:-	REV	COMMENTS	DATE
C		REVISED FOLLOWING CLIENTS COMMENTS	08.04.1
D		PROPERTY RAISED ABOVE FLOODING LEVELS.	17.01.1

dwg revision:-		DATE
REV	COMMENTS	
B	REVISED FOLLOWING LOCAL COUNCIL COMMENTS	04.04.11
A	REVISED FOLLOWING LOCAL COUNCIL COMMENTS	24.01.11

dwg revision:-

- 1_ Proposed garage to be under different application
- 2_ Existing vegetation to be cut back
- 3_ Proposed Leylandii hedge row
- 4_ Timber decking
- 5_ Area to be a porous material
- 6_ Reflection pond
- 7_ Landscaped area
- 8_ Bin store
- 9_ Underground rainwater harvest tank
- 10_ Existing Manhole
- 11_ Assumed line of foul drainage
- 12_ Storage buildings to be demolished
- 13_ Existing Tamrac resurfaced with a porous material

legend_

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client:
Elevation UK Ltd

dwg:
Existing & Proposed
Site Plan & Sections

project no: 493

dwg no: 01

dwg date: 08/10/10

www.bccac.org

w:www.4mation-architecture.com

Appendix K

Flood Resilient Measures



FLOOD RESILIENT MEASURES TO BE CONSIDERED

FLOORS

- Ground supported floors are to be used
- Hardcore and blinding should have good compaction to reduce the risk of settlement and consequential cracking
- DPM to be included in design
- Floor insulation to be closed cell type to minimise impact of flood water
- Floor finishes to be ceramic tiles or sacrificial floor finishes including timber flooring and soft furnishings such as carpets

WALLS

- Engineering brickwork on inner leaf to minimum of 300mm + 1 course freeboard
- Blocks (and dense facing bricks) to be covered in render
- Highly porous bricks such as handmade clay bricks should not be used
- Closed cell insulation should be used as it retains its integrity better and has a low moisture uptake
- Plasterboard to be placed horizontally

SERVICES

- Water, electricity and gas meters to be located above predicted flood level
- Electric ring mains fitted at high level
- Boilers and thermostats to be above predicted flood levels



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