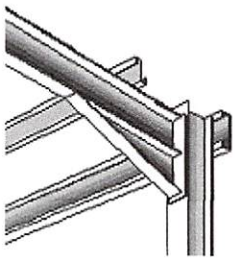
South Lincs Consulting©



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Site Report

Client: Lee Sutton
Date: 9th January 2019 **Job Ref:** 18-0335
Address of Site: Yew Tree Farm
New Road
Quadring

1.0 Purpose of visit: To check levels for raft and to inspect walls

1.2 Present on site Lee and Stella Sutton – Clients
Dave Mitchel – South Lincs Consulting
Steve Kidd – South Lincs Consulting

2.0 SURVEY

2.1 As shown by photographs attached to this report the ivy has now been stripped back showing major cracking and erosion.

2.2 As the gables are critical for the stability of the structure SK advised that they should be rebuilt and bonded into the side walls.

2.3 Further to this the rear gable wall is presently acting as a retaining wall, the slab being 600mm or so above outside ground level. This is not considered sustainable. An improved detail is required- See attached sketch.

2.4 If the gables are to be reconstructed the raft drawing will have to be revised to show a toe detail supporting the new wall.

2.5 It was noted road side levels where such as to cause a retaining situation on the walls facing the road, which would require tanking. No serious cracking was observed here so it can be assumed cross walls presently in position are effective. The retention of these should be paramount in the upgrade of the structure.

3.0 Conclusions and Recommendations

3.1 Concerning levels a 225 step between high barn to single storey is required to ensure enough headroom is provided in the single storey section.

3.2 SK to approach SHBC regarding demolition and rebuilding of single storey and rear high barn gables since on stripping back ivy it has become apparent the walls are heavily corroded and have subsided.

3.3 Raft drawing to be updated to reflect 3.2.

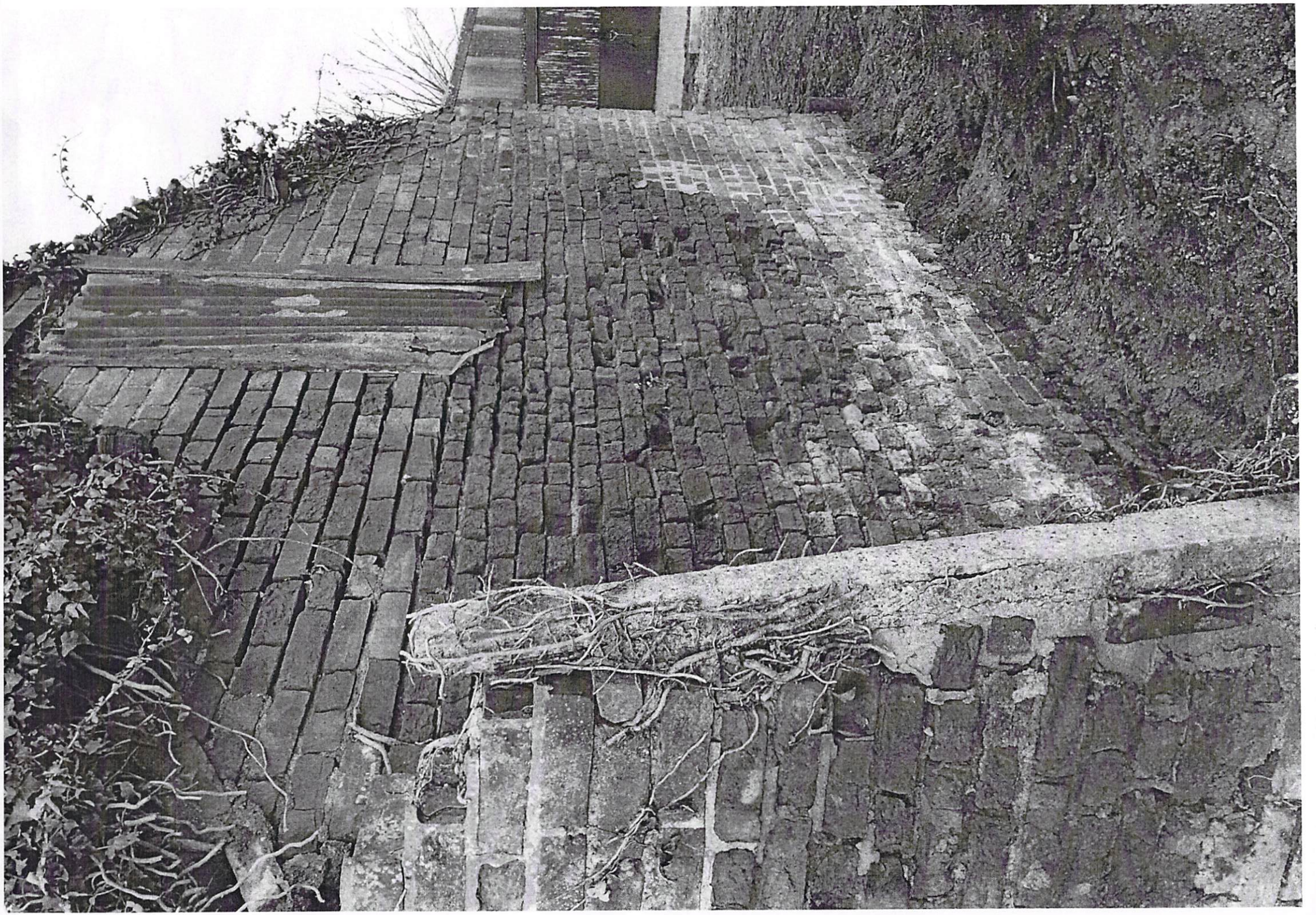
STEVEN KIDD BSc, CEng, FIStructE

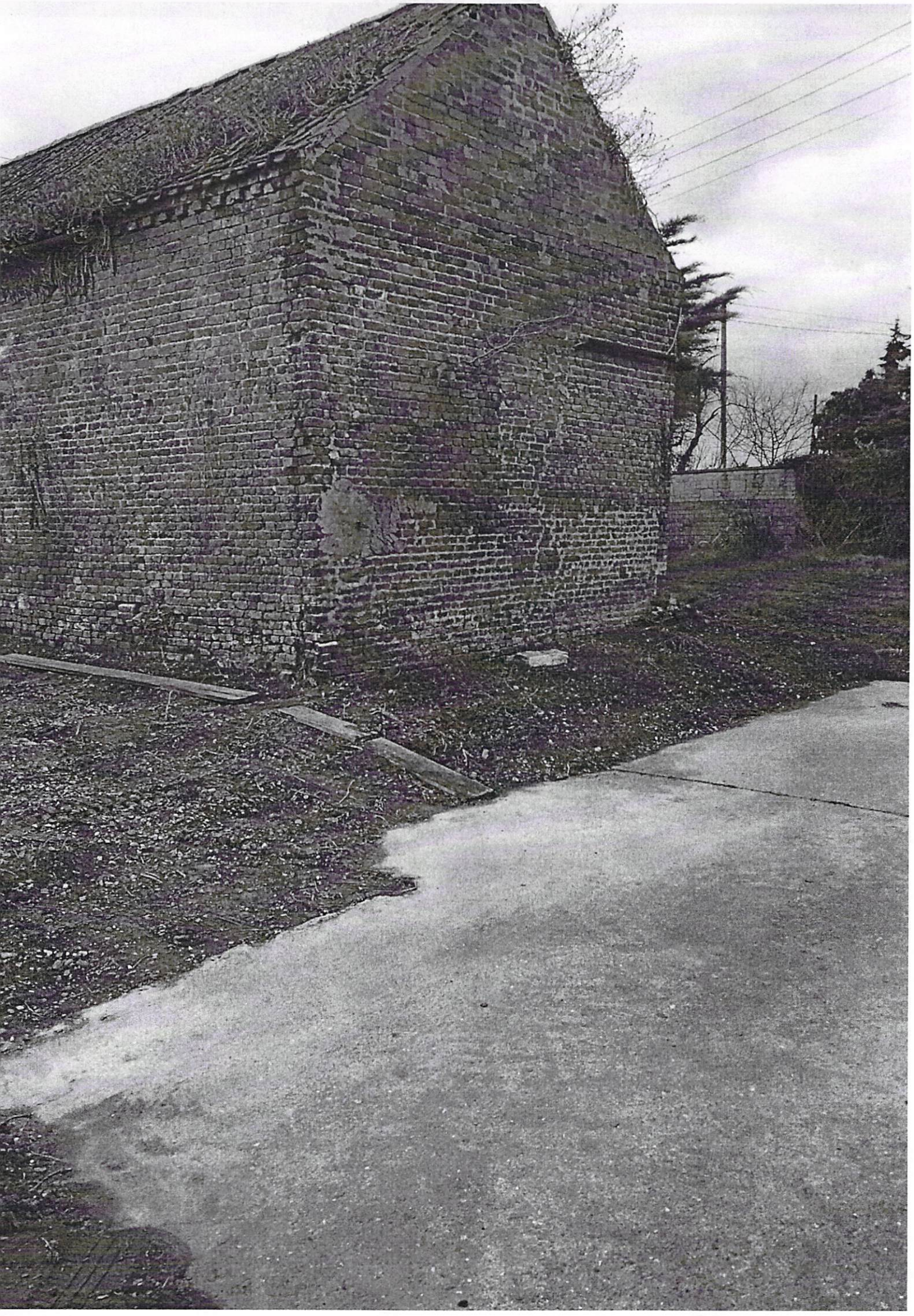
Please note that if you have been asked by our Engineer to contact them when foundations are to be poured you should give as much notice as possible please d
contact us on the day of the pour as it will be unlikely that we will be able to deal with an immediate call-out.

h Lincs Consulting is the Trading name of South Lincs Consulting Ltd, a company registered in England. Registration Number: 5356709.

Directors M Kidd, S Kidd BSc CEng FIStructE
VAT Registration No. 720 098848

IStructE







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Mr & Mrs Sutton.

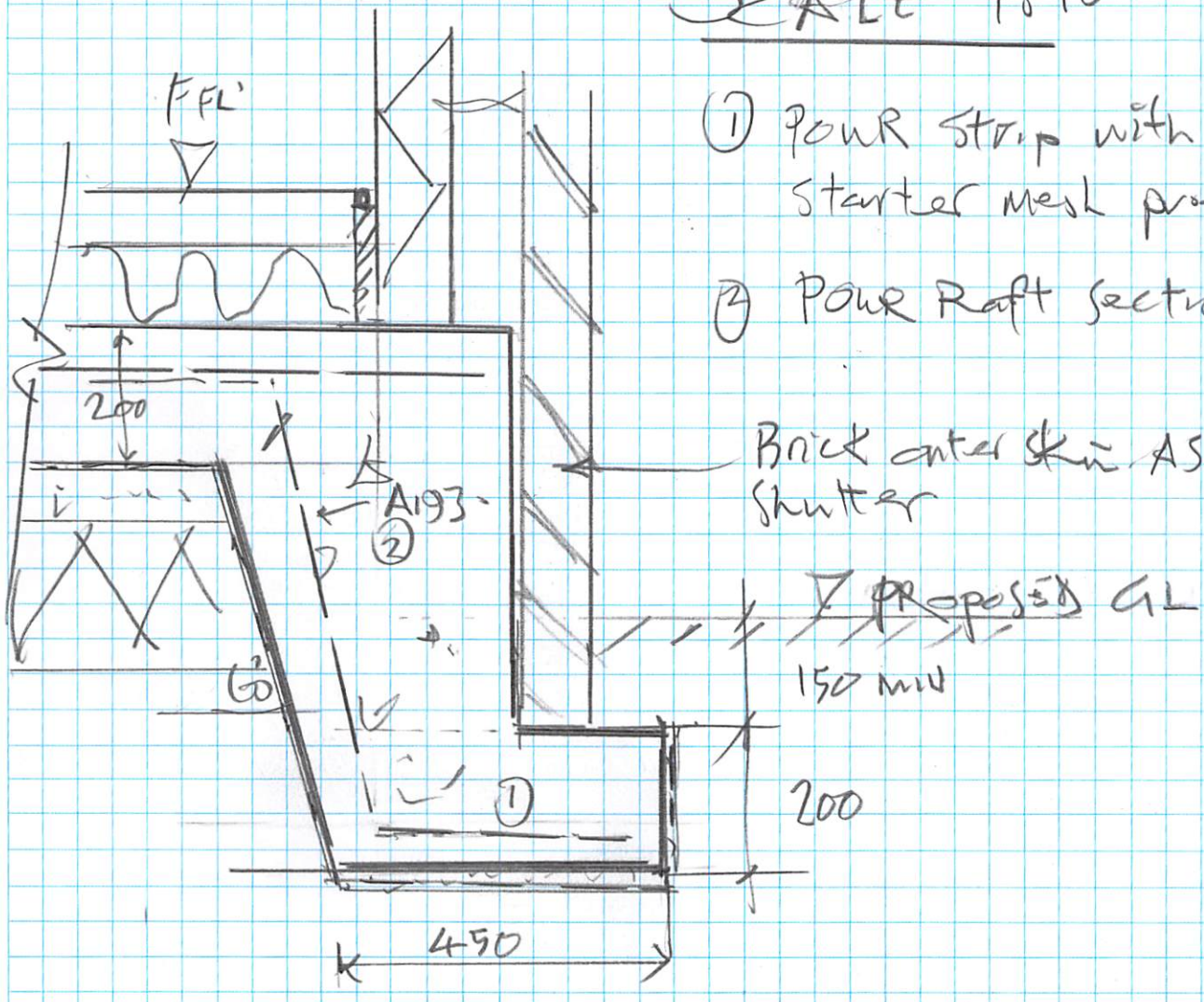
HIGH BARN

FOUNDATION.

Ref No.	18-0335
Sheet	ONE.
By	SK
Ckd.	
Date	JAN 15/2019

SECTION / NEW FOUNDATION

SCALE 1:10



① Pour Strip with A193 starter mesh protruding

② Pour Raft section.