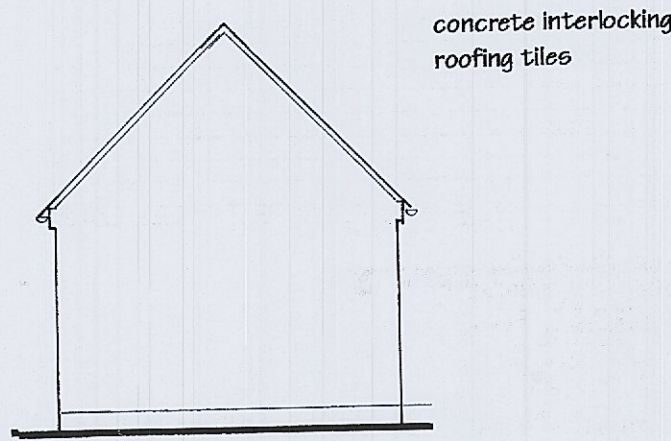
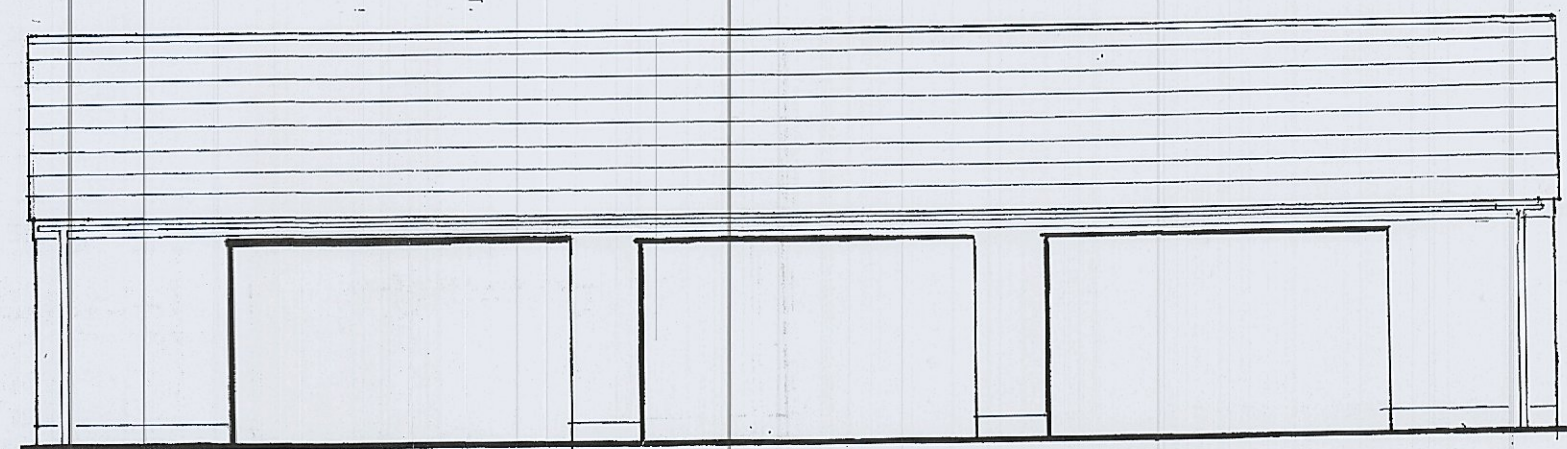


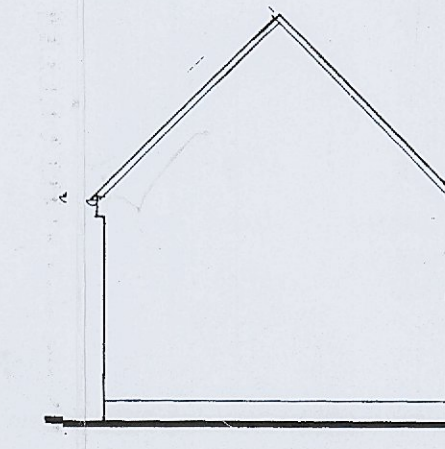
proposed rear elevation ~north-west



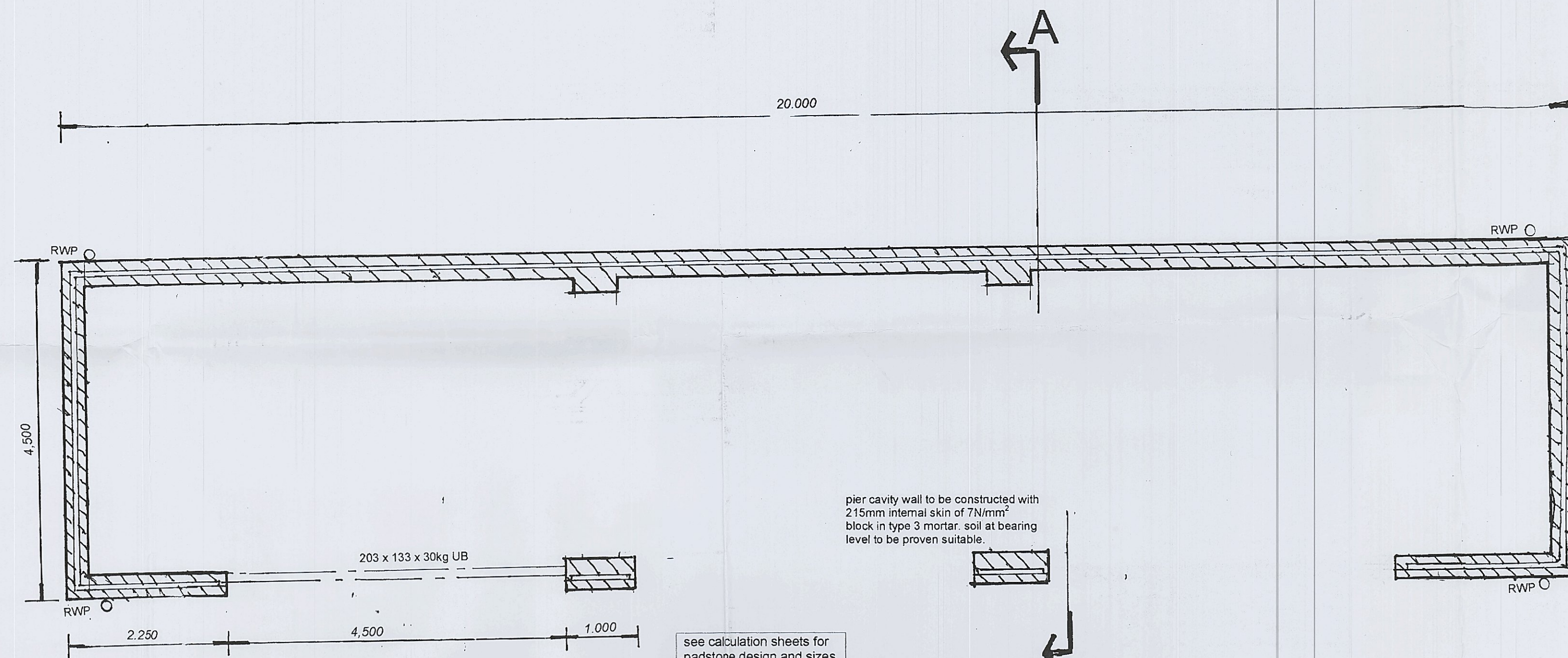
proposed side elevation ~south-west



proposed front elevation ~south-east



proposed side elevation ~north-east



proposed ground floor plan

notes:

PITCHED ROOF - gable end, attic truss rafters:- concrete roofing tiles to match existing on 50 x 25 roofing battens pre treated with "Tanilith" or similar on BBA approved roofing felt 'Novia' or similar, on gang nailed trussed rafters as supplied by "PASQUILL LTD" Timber Engineering meeting the requirements of BS 5268 Pt 3 1998 installed at centres recommended by manufacturer, roof to be completely braced 100 x 25 e.w. diagonal bracing under rafters, 100 x 25 ceiling bracing, 100 x 25 "Chevron" bracing between webs, 100 x 25 longitudinal binders at ridge, ceiling and rafter node points, gable end to have galvanised mild steel anchor straps over minimum 3 no. rafters (solid blocked between rafters and wall).

EXTERNAL WALLS - natural stone & block / render:- outer skin above ground level to be 100 thick dense aggregate concrete block with a water proof sand / cement external render finish, allow for continuous high performance Hyload DFC or similar approved to be min.150mm above external ground level, 100mm clear cavity formed using a, closed at eaves with a non combustible closer and at all reveals with an insulated closer, Cavities below ground level to be filled with lean mix concrete to within 225 DFC, wall ties to be Cathic stainless steel type BB (BS. 1449 Pt.2) at maximum spacing of 750mm horizontally and 450mm vertically, doubled up at all openings, allow for Hyload DFC around all structural openings. Inner skin to be 100mm thick 'celcon' thermal standard concrete block or similar approved, blockwork below ground level to be min. Class A

GROUND FLOOR:- to be of solid construction being 150 thick oversite on sand blinded well compacted 150 min thickness hardcore, 1200 gauge dpm tucked up into dpc course being 150 min above ground level,

FOOTINGS:- 600 x 225 (1:2:4:19 agg) concrete strip 1000 min below existing ground level, final dimensions and depth to be agreed on site with the building inspector. Alternatively foundations can be trench fill foundations generally - dimensions as shown on drawings. All MC substructure concrete to be GEN35. All concrete footings and ground floor slab to be C35 with minimum cement content 330kg/m for all foundations.

ELECTRICAL:- all new and additional electrical installations, fixtures and fittings to comply with BS7671 or equivalent standard approved by IEE and meet the requirements of Approved Document 'P', at least 75% new light fittings to be energy efficient, new installations to be carried out by a competent person with commissioning certifications made available to the local authority upon completion

SURFACE WATER:- 110 half round cast metal guttering to 68 dia down pipe to existing soakaway / system

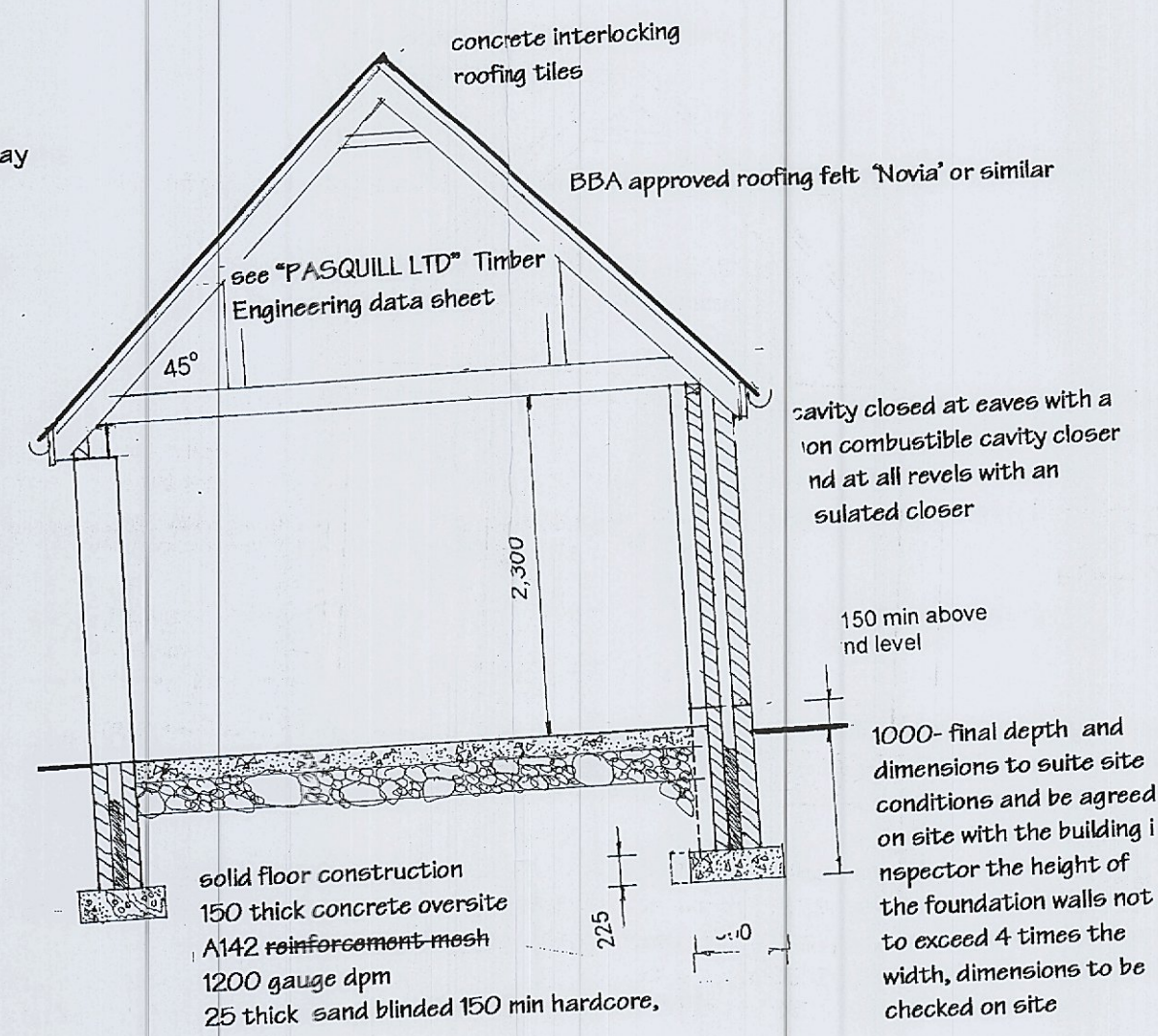
CALCULATIONS:- this drawing to be read in conjunction with the calculation sheets provided.

pier cavity wall to be constructed with 215mm internal skin of 7N/mm² block in type 3 mortar, soil at bearing level to be proven suitable.

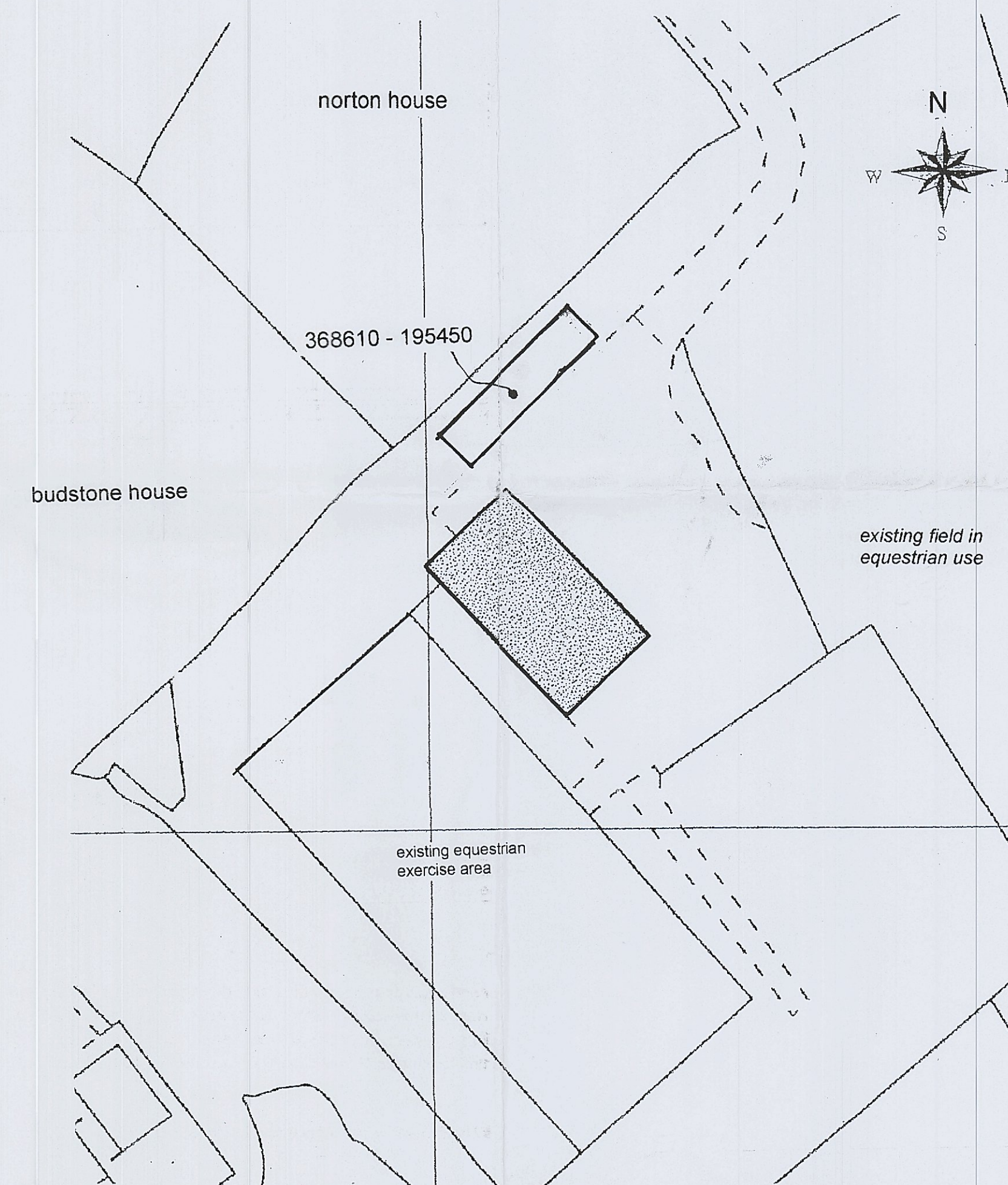
see calculation sheets for padstone design and sizes

pier cavity wall to be constructed with 215mm internal skin of 7N/mm² block in type 3 mortar, soil at bearing level to be proven suitable.

should stepped footings be employed overlap should be twice the height of the step



proposed section 'A-A' scale 1:50 @ A1



site plan ~ scale 1:50 @ A1

Project: Proposed Fodder and Store Barn
for
Mrs H Hughes
"Briarwood"
Chappel Hill
Newport
Berkeley
Gloucestershire
GL13 9PY

Date: april 2020

Scale: elevations 1:100 plan 1:50 @ A1

Drawing No: D.HH.20.04.01

Prepared By: iain rae
Building Plans & Drafting Services
01454 238702

All Dimensions And Conditions To Be Checked On Site, Any Variations To Be Agreed By The Client