



PAUL MOLINEUX ASSOCIATES
Consulting Structural Engineers

Project:

NURSTEAD HALL

Job No:

5291

By:

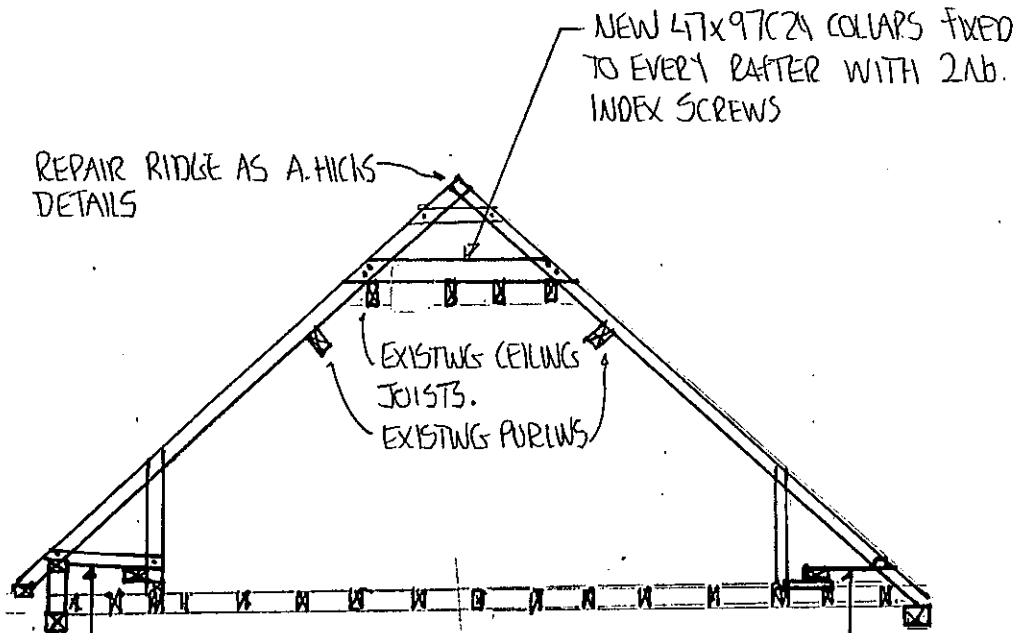
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Date:

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Sheet No:

SHD11A



SECTION A-A

DETAIL 4

DETAIL 3

NOGGINs AS REQUIRED TO SUIT TOP LEVEL OF TIE. TIE BEAM BEYOND ON PRINCIPAL FRAME LINE

75x195C24 BINDER FIXED TO TOP OF TIE BEAMS AT EACH END WITH 4AB. M12 COACH SCREWS

30x5TH GMS TWIST TIE STRAPS FIXED TO EVERY RAFTER & BINDER WITH 3No. 5mm DIA. SCREWS.

EAVES BEAM

EXISTING JOISTS

DETAIL 3

* LAST TIE INSTALLED AT STEEPER ANGLE & FIXED TO SIDE OF TIE BEAM.

47x97C24 TIES @ 400x4 BIRDsmouthED OVER WALL PLATE & FIXED TO RAFTER & STUDS WITH 2No INDEX SCREWS

ADDITIONAL 47x97C24 FIXED TO ALL RAFTERS & TO SOLEPLATE WITH 2AB. INDEX SCREWS.

SOLEPLATE SECURELY FIXED TO DOUBLE JOISTS WITH INDEX SCREWS
TIE BEAM BEYOND.

SOLID NOGGINs BETWEEN JOISTS LOCAL TO TIES.

* FIX LAST NOGGIN ON ASSUMED PLATE WITH 1x90x90 ANGLE IN PAIRS

ASSUMED EX'T'G WALL PLATE.

DETAIL 4