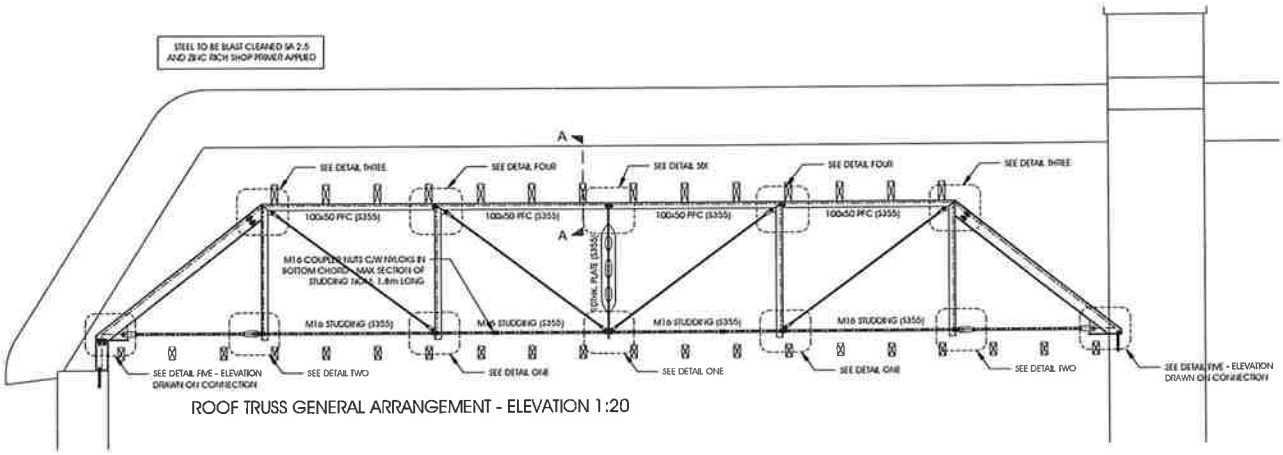
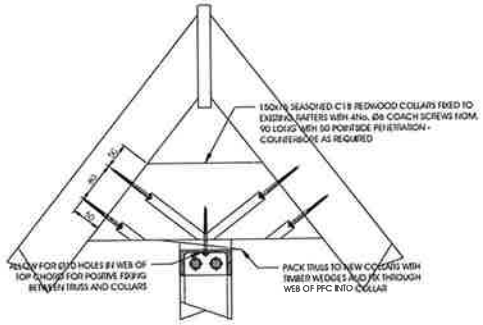
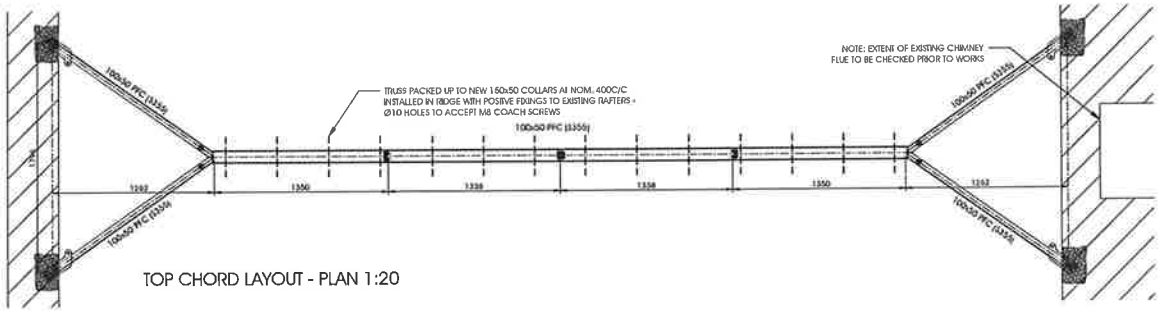


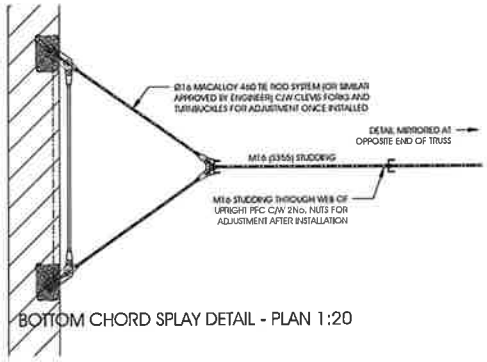
ROOF TRUSS GENERAL ARRANGEMENT - ELEVATION 1:20



SECTION A-A 1:5

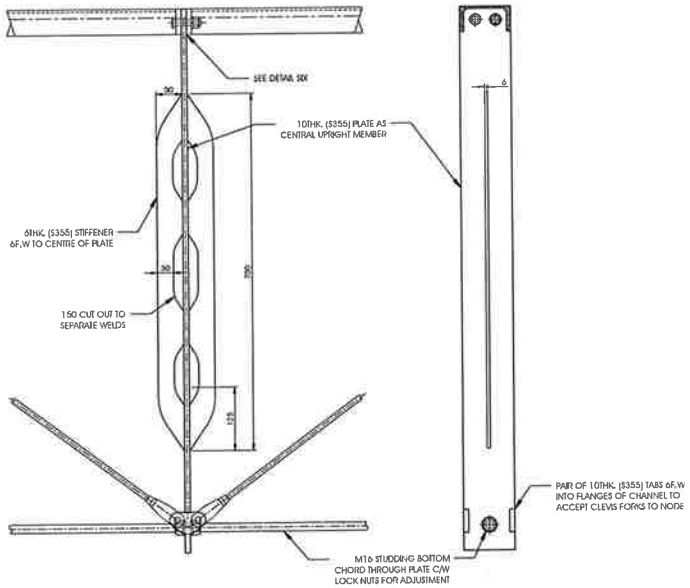


TOP CHORD LAYOUT - PLAN 1:20



BOTTOM CHORD SPLAY DETAIL - PLAN 1:20

NOTE - STRUCTURE TO BE PACKED ONTO NEW TRUSS TO TRANSFER LOAD.ENSURE PACKING POINTS ARE CHECKED FOR TIGHTNESS THROUGHOUT EXERCISE IN SEQUENTIAL MANNER, AND REPEAT PROCESS SEVERAL TIMES TO REDUCE LATERAL PRESSURE ON WALLS. AFTER CARRYING OUT PROCESS FIRMLY FIX OR PIN WEDGES FOR RETENTION



CENTRAL MEMBER AND STIFFENING PLATE - SECTION AND ELEVATION 1:5

mark lovell DESIGN ENGINEERS

client: BOWOOD ESTATE

project: 2324.4, 87 STUDLEY THATCHED ROOF

job no.-drg. no.: 2324.4 - 001

drg. title: NEW TRUSS TO SUPPORT EXISTING SPREADING THATCHED ROOF - GENERAL ARRANGEMENT AND CONNECTION DETAILS

scale: AS SHOWN @ A1

drawn by: JG

date: JUNE 2022

checked: ML

approved: ML

notes: ISSUED FOR APPROVAL

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT PATRICK WILSON ARCHITECTURAL & MLDE PROJECT SPECIFICATION.
ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
DO NOT SCALE FROM THIS DRAWING
ALL MEMBERS TO BE TEMPORARILY FRAMED TOGETHER WITH PROPRIETARY CLIPS OR SIMILAR. CONTRACTOR TO ENSURE STABILITY OF ALL ELEMENTS OF WORK DURING CONSTRUCTION.
AT ALL TIMES, METHOD STATEMENTS TO BE PRO-ACTIVE
IF THERE IS ANY CONFLICTING INFORMATION OR CONFUSION IN ANY ITEM QUERY BEFORE PROCEEDING.

ALL STEELWORK TO BE S355 JR UNLESS NOTED OTHERWISE. MATERIAL TO BE LAMINAR FREE AND ALL STEELWORK TO HAVE MIN. OF 27 JOULES @ -5°C CHARPY VALUE IMPACT RESISTANCE.
ALL WELDS TO BE F.F. 6mm UNLESS NOTED OTHERWISE AND A MINIMUM OF 1/3 MATERIAL THICKNESS.
ALL WELDS TO BE NOTCH FREE, CONTINUOUSLY & FABRICATED TO COMPLY WITH BS5135 AS A MINIMUM
ALL BOLTS TO BE GALVANISED GRADE 8.8 M16 UNLESS NOTED OTHERWISE
ISOLATION BOLTS FOR DISSIMILAR METALS AND WASHERS TO BE PROVIDED WHERE NECESSARY.
CONTRACTOR TO TAKE SITE DIMENSIONS AND CHECK ALL FOR FABRICATION PURPOSES & TO CONFIRM DIMENSIONAL COMPATIBILITY OF PROPOSED STRUCTURE WITH EXISTING ELEMENTS
FABRICATOR TO SUBMIT FABRICATION DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO ANY MANUFACTURE OR PROCUREMENT OF MATERIALS

ALL SCREWS, STRAPS AND FIXINGS MIL TO BE HDF OR GALVANISED
ALL STRUCTURAL TIMBER TO BE MIN. GRADE C16 SEASONED REDWOOD
MAXIMUM MOISTURE CONTENT OF TIMBER NOT TO EXCEED 20%
ALL BOLTS/ANCHORS TO TIMBER TO BE C/W WASHERS OF OVERSIZED 3-HOLE
ALL TIMBER AND TIMBER PRODUCTS TO BE CERTIFIED F.S.C. OR P.E.F.C.

22.07.22 - ISSUE FOR APPROVAL - REVISION A

A