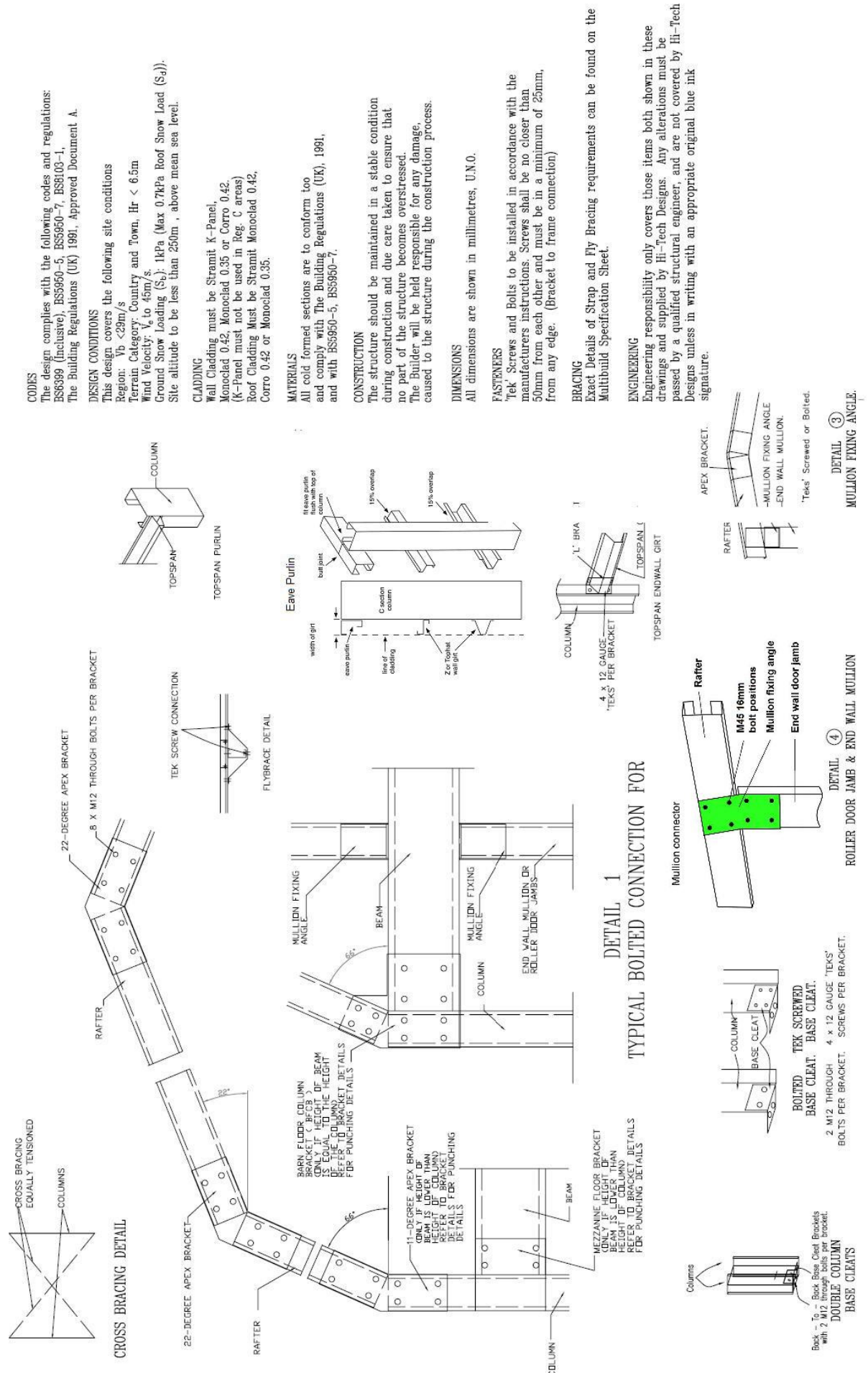




tel: 01463 230666 email: info@rhinosteel.co.uk

Quaker Barn Connection Details



CODES
The design complies with the following codes and regulations:
BS6399 (Inclusive), BS5950-5, BS5950-7, BS6103-1,
The Building Regulations (UK) 1991, Approved Document A.

DESIGN CONDITIONS
This design covers the following site conditions
Region: Yb < 29m/s
Terrain Category: Country and Town, Hr < 6.5m
Wind Velocity: V_b to 45m/s
Ground Snow Loading (S_g): 1kPa (Max 0.7kPa Roof Snow Load (S_j)).
Site altitude to be less than 250m, above mean sea level.

CLADDING
Wall Cladding must be Stramit K-Panel, Monoclad 0.42, Monoclad 0.35 or Corro 0.42. (K-Panel must not be used in Reg. C areas)
Roof Cladding Must be Stramit Monoclad 0.42, Corro 0.42 or Monoclad 0.35.

MATERIALS
All cold formed sections are to conform too and comply with The Building Regulations (UK), 1991, and with BS5950-5, BS5950-7.

CONSTRUCTION
The structure should be maintained in a stable condition during construction and due care taken to ensure that no part of the structure becomes overstressed.
The Builder will be held responsible for any damage, caused to the structure during the construction process.

DIMENSIONS
All dimensions are shown in millimetres, U.N.O.

FASTENERS
Tek, Screws and Bolts to be installed in accordance with the manufacturers instructions. Screws shall be no closer than 50mm from each other and must be in a minimum of 25mm, from any edge. (Bracket to frame connection)

BRACING
Exact Details of Strap and Fly Bracing requirements can be found on the Multibuild Specification Sheet.

ENGINEERING
Engineering responsibility only covers those items both shown in these drawings and supplied by Hi-Tech Designs. Any alterations must be passed by a qualified structural engineer, and are not covered by Hi-Tech Designs unless in writing with an appropriate original blue ink signature.

DETAIL 1
TYPICAL BOLTED CONNECTION FOR

DETAIL 3
MULLION FIXING ANGLE.

DETAIL 4
ROLLER DOOR JAMB & END WALL MULLION