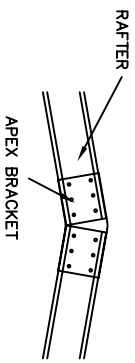
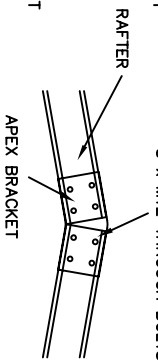


C100 FRAME
WIND REG. A1 - A7 or W
EMPLOY 8 x 12 GAUGE
'TEKS' SCREWS PER BRACKET



DETAIL ①
TYPICAL 'TEKS' SCREW CONNECTION FOR
C100 & C150 FRAMES.

8 x M12 THROUGH BOLTS PER BRACKET.



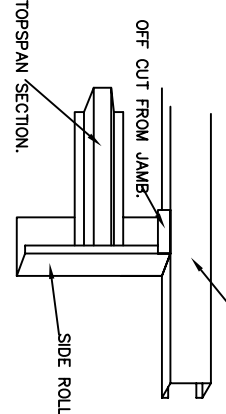
DETAIL ①
TYPICAL BOLTED CONNECTION FOR
C150 & C200 FRAMES

Columns



Back-to-back Base Cleat Connections
with 2 M12 through bolts per bracket.
DOUBLE COLUMN
BASE CLEATS

EAVE PURLIN.



'TEKS' SCREWS CONNECTIONS
SIDE ROLLER DOOR JAMB.

CODBS

The design complies with the following codes and regulations:
BS6399 (Inclusive), BS5950-5, BS5950-7, BS8103-1,
The Building Regulations (UK) 1991, Approved Document A.

DESIGN CONDITIONS

This design covers the following site conditions
Region: Vb <29m/s
Terrain Category: Country and Town, Hr < 6.5m
Wind Velocity: V_b to 45m/s.
Ground Snow Loading (S_b): 1kPa (Max 0.7kPa Roof Snow Load (S_d)).
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.

PASTERNS

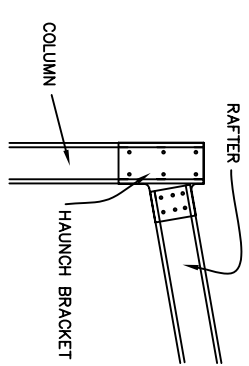
'Tek' Screws and Bolts to be installed in accordance with the
manufacturers instructions. Screws shall be no closer than
50mm from each other and must be in a minimum of 25mm,
from any edge. (Bracket to frame connection)

BRACING

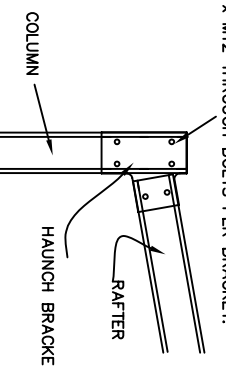
Exact Details of Strap and Fly Bracing requirements can be found on the
Multibuild Specification Sheet.

ENGINEERING

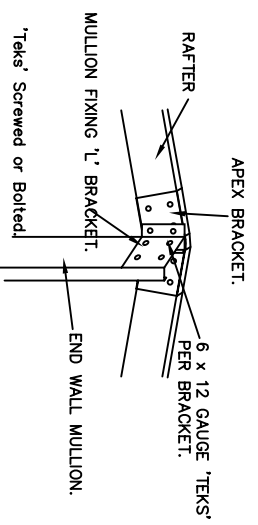
Engineering responsibility only covers those items both shown in these
drawings and supplied by Hi-Tech Designs. Any alterations must be
passed by a qualified structural engineer, and are not covered by Hi-Tech
Designs unless in writing with an appropriate original blue ink
signature.



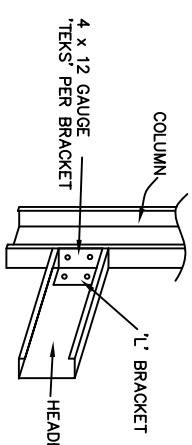
DETAIL ②
TYPICAL 'TEKS' SCREW CONNECTION FOR
C100 & C150 FRAMES



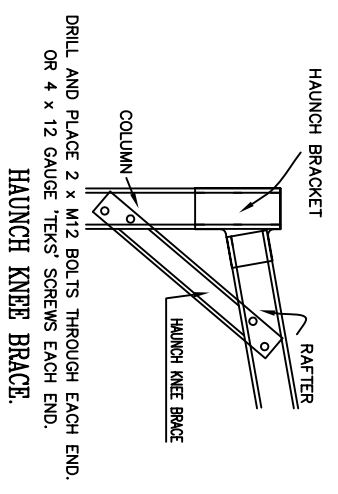
DETAIL ②
TYPICAL BOLTED CONNECTION FOR
C150 & C200 FRAMES.



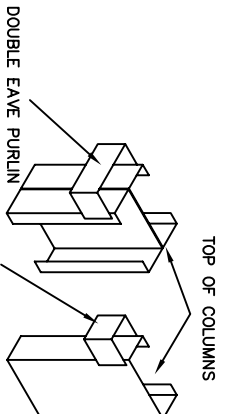
DETAIL ③
MULLION FIXING ANGLE.



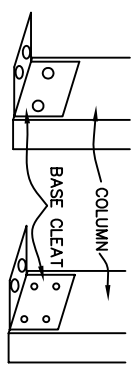
DETAIL ④
ROLLER DOOR JAMB



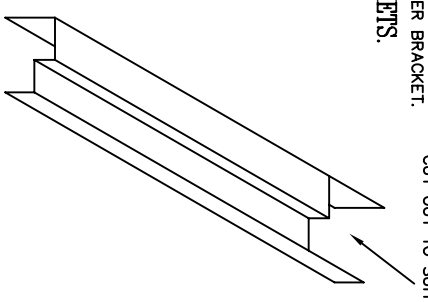
DETAIL ⑤
ROLLERDOOR HEADER



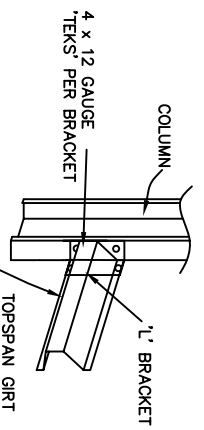
TOP OF COLUMNS
DOUBLE EAVE PURLIN
SINGLE EAVE PURLIN
DOUBLE
EAVE PURLIN BRACKETS.
4 x 12 GAUGE 'TEKS' SCREWS PER BRACKET.



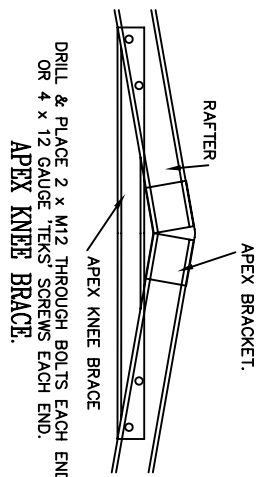
BOLTED TEK SCREWED
BASE CLEAT. BASE CLEAT.
2 M12 THROUGH 4 x 12 GAUGE 'TEKS'
BOLTS PER BRACKET. SCREWS PER BRACKET.



CUT OUT TO SUIT WALL GIRTS.



TOPSPAN ENDWALL GIRTS



DRILL & PLACE 2 x M12 THROUGH BOLTS EACH END
OR 4 x 12 GAUGE 'TEKS' SCREWS EACH END.
APEX KNEE BRACE.

UK ONLY

A B CONSULTING ENGINEERS
STRUCTURAL AND CIVIL
ME Aust. CP Eng. (Regd. NPER - 3 Structural)
Andrew Matukевич
Practising Structural Engineer
Signature: *Andrew Matukевич* Date: 14/8/02
Registered in the Category of
Structural

NEW ZEALAND ONLY.

STEEL FRAME GARAGE

C100, C150 & C200 FRAMES

PERSONAL ACCESS DOOR JAMB.

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DATE: August 2002
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DWG NO. SHEET
MBC100,C150,C200 5/5