

STRUCTURAL SUPPORT LEGEND

STRUCTURAL BEAMS TO BE SIZED AND CERTIFIED
BY A STRUCTURAL ENGINEER TO SUPPORT FLOOR, WALL
& ROOF LOADS

STRUCTURAL BEAMS AS PER ORIGINAL DRAWINGS

ORIGIN HYNE PERIMETER EDGEBEAM

HYNE SUPPORT BEAMS DESIGNED USING HYNE CRITERIA



ALLOW TO POSITION ORIGIN 1 BEAM JOISTS OR BLOCKING DIRECTLY
BENEATH FIRST FLOOR WALLS WITH BRACING ELEMENTS.
AS PER NZS 3604:1999

FIXING LEGEND

FACE MOUNT CONNECTOR

F

OUTLINE OF ROOF SHOWN DASHED.

1200 x 19 ORIGIN PLYWOOD
LONGSPAN SPECIALTY FLOORING.

PANEL FIXING

Refer detail 2.19, Pg 29
Origin Designers guide
April 2004

BR1
2/300 x 45 Edgebeam
H3.1 treated

DOUBLE EDGEBEAM CONSTRUCTION
Refer detail 2.17, Pg 29
Origin Designers Guide
April 2004

300 x 68 ORIGIN 1" BEAM JOISTS @
400mm MAX CRS.
TILE FLOORING SHOWN ON ORIGINAL DRAWINGS.

ORIGIN I-BEAMS BELOW BATHROOM AREAS
TREATED.

FLOORING TO ALL FIRST FLOOR - WET AREAS
H3.1 TREATED.

GLUED & SCREWED TO FLOOR JOISTS.

BOUNDARY JOIST
Refer detail 2.14, Pg 28
Origin Designers Guide
April 2004

BOUNDARY ORIGIN 1" BEAM JOISTS
TO BE - H 1.2 TREATED.

INCORPORATE WEB STIFFENERS
TO ALL BOUNDARY JOISTS.

L1
2/300 x 68 Double I-Beams
H3.1 treated

DOUBLE I-BEAM
Refer detail 2.18, Pg 29
Origin Designers Guide
April 2004

300 x 68 ORIGIN 1" BEAM JOISTS @
600mm MAX CRS FOR 1.5 KPa FLOOR LOAD.

END BEARING
Refer detail 2.2, Pg 25
Origin Designers Guide
April 2004

CANTILEVER METHOD M1
Refer detail 2.26, Pg 35
Origin Designers guide
April 2004

JOIST FIXING METHODS
Refer detail 2.8, Pg 25
Origin Designers Guide
April 2004

300 x 68 1" FLOOR PRECUT BLOCKING PANELS AT
PERIMETER AND UNDER WALLS (AS SHOWN).

APPROX POSITION OF ROOF TRUSS
SUPPORTING WARDROBE AREA.

First Floor I-Beam Layout Scale 1:100

PACKER/WEB STIFFENERS WILL BE REQUIRED UNDER ALL POINT LOADS

ALLOW TO CUT LONGSPAN PLYWOOD SHEETS
TO JOIN OVER ORIGIN 1 FLOOR JOISTS AS
NECESSARY.

ALL JOIST LENGTHS AND CENTRES MUST BE
CHECKED ON SITE BEFORE ORDERING.

NOTE THAT ORIGINAL DRAWINGS DO NOT CONTAIN A STRUCTURAL
SOLUTION ONE HAS BEEN SUGGESTED ONLY.

BALCONY MATERIALS NOT PROVIDED FOR.

FLOOR AREA
38.20 m²

ROOF WEIGHT - LIGHT

FIRST FLOOR CLADDING - LIGHT

ASSUMED FLOOR LOAD - 1.5 & 2.0 kPa LOAD.

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JOB TITLE

FLETCHER CHALLENGE FORESTS

Badcock Residence
Awamoa Road - Oamaru

SHEET CONTENTS:

FLOOR FRAMING LAYOUT

SCALES:

1:100

SHEET

A1

REF.

11.01

IN SET OF

FCF1445

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