

NAILING FOR BUILT-UP COLUMNS

TDW-1R

NOTE:

1. * ALL DISTANCE VALUES ARE SHOWN FOR S-P-F AND NORTHERN SPECIES. DISTANCES FOR OTHER SPECIES MUST BE CONFIRMED WITH THE DEPARTMENTAL REPRESENTATIVE.

SPLICED BUILT-UP COLUMNS

TDW-2

LEGEND:

- 3@38 THICK MEMBERS
MINIMUM LAMINATION SIZE:
38x140
MAXIMUM LAMINATION SIZE:
38x184
- TREATED WOOD PORTION WHEN REQUIRED.
- UNTREATED WOOD PORTION
- SPLICE LENGTH, L= 1200mm
- SPLICE REGION, R= 1.5 L
- NAILS : 114mm COMMON WIRENAIL;
HOT-DIP GALVANIZED WHEN USED IN
TREATED WOOD, 6 PER JOINT 220mm o/c.
2 PER ROW DRIVEN FROM ALTERNATE SIDES.
- BUTT JOINTS

NOTE:

SPLICED COLUMN TO BE BRACED BY SHEATHING OR PURLINS SPACED AT 600mm c/c MAX. IN DIRECTION PERPENDICULAR TO WIDE FACE OF LAMINATIONS.

SHEAR AND DIAPHRAGM CONNECTION DETAILS

TDW-3

DIAPHRAGM CONNECTION DETAILS

SST* - SIMPSON STRONG TIES

NON LOAD-BEARING WALL/JOIST CONNECTION DETAIL

TDW-11

FLOOR JOISTS PERPENDICULAR TO NON LOAD-BEARING WALL

FLOOR JOISTS PARALLEL TO NON LOAD-BEARING WALL

NOTES:

DS DEFLECTION GAP AS DETERMINED BY JOIST DESIGNER
CONTRACTOR TO COORDINATE
SST* - SIMPSON STRONG-TIE

BOTTOM PLATE TO FOUNDATION WALL CONNECTION DETAIL

TDW-04

BOTTOM PLATE CONNECTOR (FOR SHEAR WALLS)(*)	
TYPE	SPACING
12.5Ø ANCHOR BOLTS (**)	1200mm MAX.
75mm CONCRETE NAILS	150mm MAX.

NOTE: (*) REFER TO PLAN AND SCHEDULE FOR LOCATION OF SHEAR WALL
(**) ANCHOR BOLTS SEE SHEAR WALL SCHEDULE.

BOTTOM PLATE CONNECTOR (FOR LOAD BEARING WALLS OTHER THAN SHEAR WALLS)	
TYPE	SPACING
12.5Ø ANCHOR BOLTS (**)	1800mm, MIN. 2 REQ'D
75mm CONCRETE NAILS	300mm MAX.

NOTE:(**) ANCHOR BOLTS SEE SHEAR WALL SCHEDULE.

WOOD FRAME AT OPENING DETAILS (DROPPED LINTEL)

TDW-07

FLOOR JOISTS PERPENDICULAR TO RIM JOIST

FLOOR JOISTS PARALLEL TO RIM JOIST

WOOD POST CONNECTION DETAIL

TDW-12

OPTION

- SST* - SIMPSON STRONG TIE
- USE ADHESIVE ANCHORS AT CONCRETE SLAB EDGES AND CORNERS.
- REFER TO PLANS / SECTIONS FOR UPLIFT HOLD DOWN CONNECTORS.
- CONTRACTOR TO COORDINATE LOCATION OF STRUCTURAL REINFORCEMENT AT TIME OF PLACEMENT. TO AVOID CONFLICT WITH POST BASE ANCHORS

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PP-11944
29/10/2019

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Revision	Description	Date
4	ISSUED FOR CONSTRUCTION	2019/10/29
3	ISSUED FOR 90% REVIEW	2019/08/29
2	ISSUED FOR 60% REVIEW	2019/05/09
1	ISSUED FOR 30% REVIEW	2018/03/14

Client

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Project Title

JASPER STAFF HOUSING CONSTRUCTION

5 PLEX

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Designed by

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Drawing Title

TYPICAL DETAILS

Project no./No. du projet

R.100429.001

Drawing no./No. du dessin

S2.4

Revision no.

4