

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.

BOTTOM PLATE TO FOUNDATION WALL CONNECTION DETAIL

ANCHOR BOLT DETAIL

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

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

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

Public Works and Government Services Canada

Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES

Western Region

SERVICES IMMOBILIERS

Région de l'ouest

REPUBLIC

ARCHITECTURE

INC

385 St. Mary Avenue

Winnipeg, MB R3C 0N1

T 204 989 0102

F 204 989 0094

www.republicarchitecture.ca

PROFESSIONAL ENGINEER IN ALBERTA

APEGA PERMIT TO PRACTICE NO. 11944 MAR. 06/2020

NORR

2300, 411 1st Street SE,

Calgary, Alberta, Canada T2G 4Y5

norr.com

NORR ARCHITECTS ENGINEERS PLANNERS

A Partnership of Limited Companies

From McIntyre Architects (Alberta) Inc. From McIntyre Holdings Inc.

NORR is a trademark owned by McIntyre Group Inc. and is used under license.

Vedra Smith, Architect, AAA, B.Arch, MABC

Bruce McKenzie, Architect, AAA, B.Arch, MABC

A. Shro Siddhanta, Architect, AAA, B.Arch, MABC

Anish Toolala, P.Eng., APEGA

Chris Pal, P.Eng., APEGA

Revision	Description	Date
4	ISSUED FOR CONSTRUCTION	2020/03/06
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

PSPC

Project title

JASPER STAFF HOUSING CONSTRUCTION

DUPLEX

720 PATRICIA STREET,

JASPER, AB, T0E 1E0

Designed by

H.Sun

Drawn by

D.Kuang

Approved by

A.Elshafey

Project Manager

ROB HAFER

Drawing Title

TYPICAL DETAILS

Conçu par

Dessiné par

Approuvé par

Administrateur de Projets

Titre du dessin

Project no./No. du projet

R. 100429.001

Drawing no./No. du dessin

S2.4

Revision no.

4