

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

TDW-04

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

SECTION A

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

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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 ALBERTA

APEGA PERMIT TO PRACTICE NO. 11944

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NORR

2300, 411 1st Street SE,

Calgary, Alberta, Canada T2G 4Y5

norr.com

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Victor Smith, Architect, AAA, B.Arch, M.ABC

Bruce McIntyre, Architect, AAA, B.Arch, M.ABC

A. Shro Siddhanta, Architect, AAA, B.Arch, M.ABC

Arjun Tootlia, P.Eng., APEGA

Chris Pat, P.Eng., APEGA

Revision	Description	Date
5	ISSUED FOR CONSTRUCTION 2	2020/03/06
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

client

PSPC

10025 JASPER AVE

EDMONTON, ALBERTA, T5J 1S6

PH. 780-919-9445

Project Title

JASPER STAFF HOUSING CONSTRUCTION

Project

5 PLEX

902 PATRICIA STREET,

JASPER, AB, T0E 1E0

Designed by

H.Sun

Conçu par

Drawn by

D.Kuang

Dessiné par

Approved by

A.Elshafey

Approuvé par

PM/SC Project Manager

Administrateur de Projets IPSOC

Drawing Title

TYPICAL DETAILS

Titre du dessin

Project no./No. du projet

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Drawing no./No. du dessin

S2.4

Revision no.

5

OF