



Request for Quotes Lifting Frame December 1, 2025

The Town of Placentia is issuing a *Request for Quotes* from local contractors to supply materials and construct a lift frame as per the specifications provided for use at the Placentia Volunteer Fire Department. Please see attached schematic for additional details.

If you have any questions, please contact Gerry Hynes, CAO through email CAO@placentia.ca

Quote Submissions

We request that quotes be submitted on or before 2:00 PM on Wednesday, December 3, 2025 to townofplacentia@placentia.ca.

To ensure delivery is completed, submitters should request confirmation of receipt when sending correspondence via email.



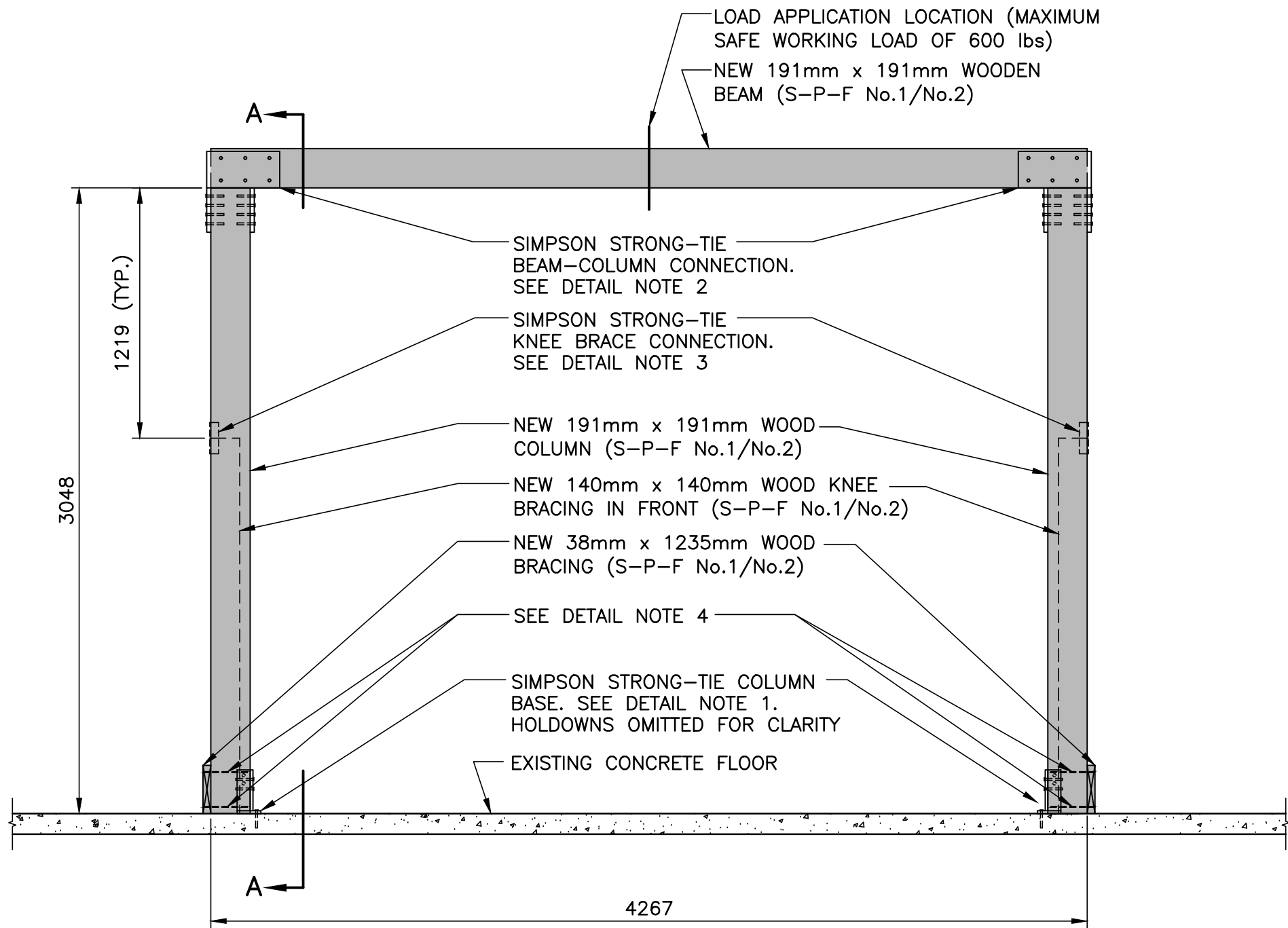
709-227-2151



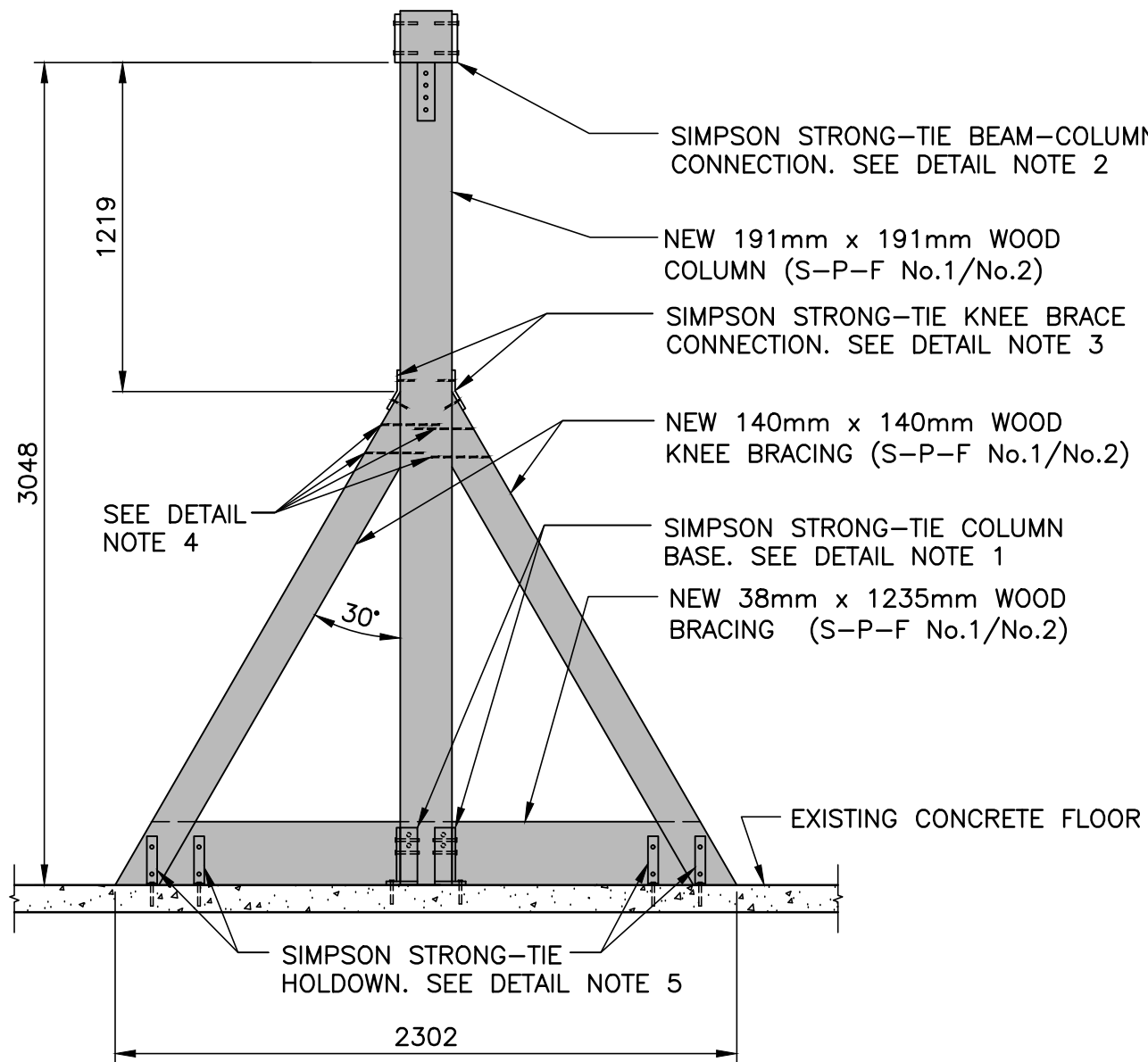
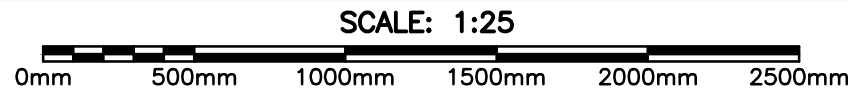
townofplacentia@placentia.ca



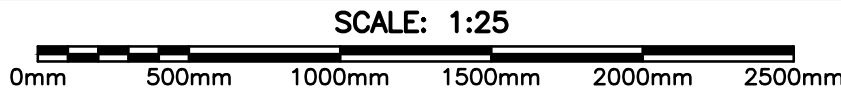
www.placentia.ca



LIFTING FRAME – FRONT ELEVATION



LIFTING FRAME – SECTION A-A



GENERAL NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL BUILDING CODE OF CANADA (LATEST EDITION).
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SAFEGUARD ALL EXISTING STRUCTURES AFFECTED BY THIS CONSTRUCTION.
- DO NOT SCALE FROM DRAWINGS.
- CONTRACTOR MUST VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH ANY PORTION OF THIS WORK.
- COMPLY WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT FOR THE PROVINCE OF NEWFOUNDLAND AND LABRADOR AS WELL AS THE OCCUPATIONAL HEALTH AND SAFETY REGULATIONS MADE PURSUANT TO THE ACT.
- OBSERVE AND ENFORCE CONSTRUCTION SAFETY MEASURES REQUIRED BY:
 - NATIONAL BUILDING CODE OF CANADA, LATEST EDITION
 - PROVINCIAL WORKERS' COMPENSATION BOARD
 - MUNICIPAL STATUTES AND ORDINANCES
- IF DURING DEMOLITION OR NEW CONSTRUCTION ANY UNFORESEEN ISSUES ARISE THAT COULD COMPROMISE THE STRUCTURAL INTEGRITY OF EXISTING BUILDING COMPONENTS, THE CONTRACTOR SHALL IMMEDIATELY ADVISE THE OWNER AND ENGINEER PRIOR TO ADVANCING ANY WORK. IN THE CASE WHERE WORK HAS PROGRESSED AND DOES RESULT IN STRUCTURAL STABILITY ISSUES, THE CONTRACTOR MUST TAKE IMMEDIATE ACTION TO SECURE THE AREA WITH TEMPORARY SUPPORTS UNTIL THE ISSUE CAN BE SAFELY RESOLVED IN COORDINATION WITH THE OWNER AND ENGINEER.

DETAIL NOTES:

- USE 2 X RPBZ BY SIMPSON STRONG-TIE ON EACH COLUMN, SECURE TO EXISTING CONCRETE FLOOR WITH 9.5mm (3/8") DIAMETER ASTM F1554 GRADE 36 THREADED ROD C/W NUT AND WASHER AND SET-3G EPOXY BY SIMPSON STRONG-TIE WITH A MINIMUM CONCRETE EMBEDMENT OF 70mm. SECURE TO COLUMN WITH FASTENERS AS PER MANUFACTURER'S RECOMMENDATIONS. DESIGN ASSUMES EXISTING CONCRETE FLOOR IS 100mm THICK (MINIMUM) AND HAS A COMPRESSIVE STRENGTH OF 17.3 MPa (MINIMUM). IF CONDITIONS ARE OTHERWISE, NOTIFY THE ENGINEER & OWNER IMMEDIATELY.
- USE 1 X ECCQ88SDS2.5 BY SIMPSON STRONG-TIE AT EACH BEAM TO COLUMN CONNECTION. SECURE TO COLUMN & BEAM WITH FASTENERS AS PER MANUFACTURER'S RECOMMENDATIONS.
- SECURE EACH KNEE BRACING WITH 2 X SIMPSON SWD DOUBLE THREADED SCREWS (SWD22812DDB) BY SIMPSON STRONG-TIE, INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS, AND 1 X KBS1Z KNEE BRACE STABILIZER BY SIMPSON STRONG-TIE ON THE FLUSH FACES, SECURED WITH FASTENERS AS PER MANUFACTURER'S RECOMMENDATIONS.
- SECURE WITH 4 X SIMPSON SWD DOUBLE THREADED SCREWS (SWD22812DDB) BY SIMPSON STRONG-TIE, AT EACH LOCATION. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS.
- USE 2 X DTT1Z HOLD DOWNS BY SIMPSON STRONG-TIE ON EACH END OF KNEE BRACING TRUSS (ONE ON 140mm x 140mm TIMBER AND ONE ON 38mm x 235mm TIMBER) WITH 9.5mm (3/8") DIAMETER ASTM F1554 GRADE 36 THREADED ROD C/W NUT AND WASHER AND SET-3G EPOXY BY SIMPSON STRONG-TIE WITH A MINIMUM EMBEDMENT OF 70mm.

TIMBER FRAMING NOTES:

- ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA, LATEST EDITION.
- ALL TIMBER TO BE SPRUCE-PINE-FIR (S-P-F) SPECIES, No.1/No.2 GRADE UNLESS NOTED OTHERWISE.

UNFACTORED DESIGN LOADS:

ITEM	DESCRIPTION	LOADING
1.0	APPLIED LOAD @ BEAM MID-SPAN	
1.1	Fv VERTICAL APPLIED LOAD (DOWN)	600 lbs
1.2	Fh HORIZONTAL APPLIED LOAD (EITHER DIRECTION)	600 lbs

DESIGN LOAD NOTES:

- ALL DEAD LOADS AS PER MATERIAL PROPERTIES INDICATED ON THE DRAWINGS.
- LOADS ARE NOT ASSUMED TO OCCUR SIMULTANEOUSLY.



0	ISSUED FOR CLIENT REVIEW	25/10/22
No.	Revision	Date

Consultant

10 THOMPSON STREET
CLARENVILLE NL
A5A 1Y9

TEL (709) 466-2700
FAX (709) 466-3090

Client

TOWN OF PLACENTIA

Project

FIREHALL LIFTING
FRAME

Drawing

ELEVATION AND
SECTION

Drawing File Name:		CC25PLA101-S1.DWG	
Drawing No.		CC25PLA101-S1	
Project No.:	CC25PLA101	Scale:	AS SHOWN
Designed By:	K.F.	Drawn By:	M.L.
Checked By:	S.S.	Approved By:	K.F.
Date:	25/10/16	Sheet	S1 of 1