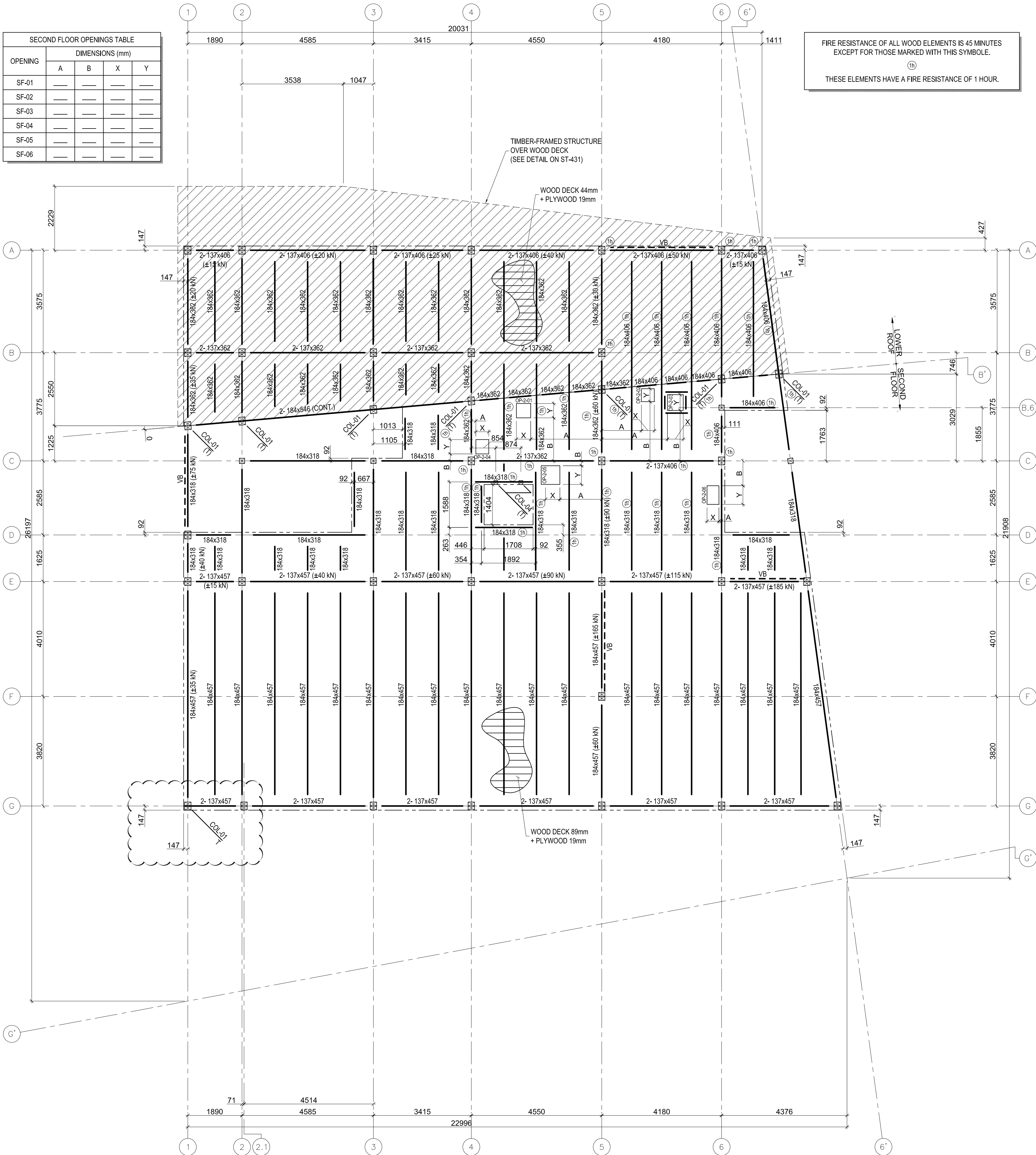


OPENING	DIMENSIONS (mm)			
	A	B	X	Y
SF-01	—	—	—	—
SF-02	—	—	—	—
SF-03	—	—	—	—
SF-04	—	—	—	—
SF-05	—	—	—	—
SF-06	—	—	—	—



#### SECOND FLOOR CHARACTERISTICS:

- TOP OF WOOD BEAM EL.: 13414
- WOOD DECKING 89mm DEPTH
- WOOD DECK FIXATION:
  - A. FIXATION AT SUPPORT:
    - a. COMMON NAILS, 127mm Lg x 5.89mmØ @ 300 c/c
  - B. FIXATION AT SIDE-LAP:
    - b. SPIRAL COMMON NAILS, 102mm Lg x 4.88mmØ @ 300 c/c
- OPENINGS: CONTRACTOR MUST REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR DIMENSIONS AND LOCATIONS.

#### DESIGN CRITERIA:

1. DEAD LOAD:
  - FLOOR FINISH: 1.14 kPa
  - PARTITIONS: 1.00 kPa
  - WOOD DECK: 0.60 kPa
  - WOOD STRUCTURE: 0.56 kPa
  - MECHANICAL + ELECTRICAL: 0.25 kPa
  - SUSPENDED CEILING: 3.75 kPaTOTAL: 3.75 kPa
2. LIVE LOAD: SEE LIVE LOAD PLAN
3. DEFLECTION UNDER LIVE LOAD: L/360 (TYP., U.O.S.)
4. DEFLECTION UNDER TOTAL LOAD: L/240

#### LOWER ROOF CHARACTERISTICS:

- TOP OF WOOD BEAM EL.: 13414
- WOOD DECKING 44mm DEPTH
- WOOD DECK FIXATION:
  - A. FIXATION AT SUPPORT:
    - a. COMMON NAILS, 76m Lg x 3.67mmØ @ 300 c/c
  - B. FIXATION AT SIDE-LAP:
    - b. SPIRAL COMMON NAILS, 63mm Lg x 3.33mmØ @ 300 c/c
- OPENINGS: CONTRACTOR MUST REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR DIMENSIONS AND LOCATIONS.

#### DESIGN CRITERIA:

1. DEAD LOAD:
  - ROOFING: 0.44 kPa
  - INSULATION: 0.11 kPa
  - WOOD DECK + PLYWOOD: 0.36 kPa
  - WOOD STRUCTURE: 0.58 kPa
  - TIMBER FRAME STRUCTURE: 0.21 kPa
  - MECHANICAL + ELECTRICAL: 0.25 kPa
  - SUSPENDED CEILING: 0.20 kPaTOTAL: 2.15 kPa
2. SNOW LOAD: SEE LIVE LOAD PLAN
3. DEFLECTION UNDER SNOW LOAD: L/360 (TYP., U.O.S.)
4. DEFLECTION UNDER TOTAL LOAD: L/180

BEAMS DIMENSIONS	
EPS - 24F-ES/NPG	DOUGLAS-FIR 24F-EX
137x406	130x418
184x318	175x304
184x362	175x342
184x406	175x418
184x457	175x456
228x318	215x304
2- 86x127	2- 80x114
2- 86x178	2- 80x190
2- 137x137	2- 130x152
2- 137x178	2- 130x190
2- 137x362	2- 175x342
2- 137x406	2- 130x418
2- 137x457	2- 130x456
2- 184x546	2- 175x570

COLUMN	COLUMN DIMENSIONS	
	EPS - 24F-ES/NPG	DOUGLAS-FIR 24F-EX
COL-01	2- 137x222	2- 130x228
COL-02	184x184	175x190
COL-03	2- 184x222 + 44x222	2- 175x228 + 80x228
COL-04	137x137	130x152

LEGEND	
*	TIE JOIST
**	STEEL CONNECTION BETWEEN BALCONY AND BUILDING (SEE SECTION)
Jxxx	xxx = JOIST DEPTH (mm)
VB	VERTICAL BRACING
(±_kN)	FACTORED AXIAL LOAD TO BE CONSIDERED FOR CONNECTIONS
—x—	SHEAR CONNECTOR
T	COLUMN ON BEAM
T.O.S.	TOP OF STEEL BEAM / JOIST
T.O.W.	TOP OF WOOD BEAM
T.O.C.	TOP OF CONCRETE
B.O.S.	BOTTOM OF STEEL
U.O.S.	UNLESS OTHERWISE SPECIFIED
CP:	CUT OF PILE LEVEL
Pl-#-__	PILE HEAD (SEE DETAIL ON S301)
BP-_-##	BASE PLATE (SEE DETAIL ON S402)
⊙	TORSION (5 kN·m)

5		
4		
3		
2		
1	ADDENDUM NO 2	2016-04-19
0	ISSUED FOR TENDER	2016-03-16
Revision	Description	Date
Client		client

#### Indigenous and Northern Affairs Canada (INAC)

#### Public Works and Government Services Canada

Project title

Iqaluit (Nunavut)

#### NEW IQALUIT DAYCARE

Designed by

Amélie Viau, jr. eng.

Drawn by

Dominic Ouellet

Approved by

Louis-Philippe Poirier, eng.

PWSSC Project Manager

Russel Knister

Drawing title

STRUCTURE

SERIE 200 - SUPERSTRUCTURE

#### SECOND FLOOR & LOWER ROOF PLAN PLAN VIEW

Project no./No. du projet

R.082769.001

S205

0

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