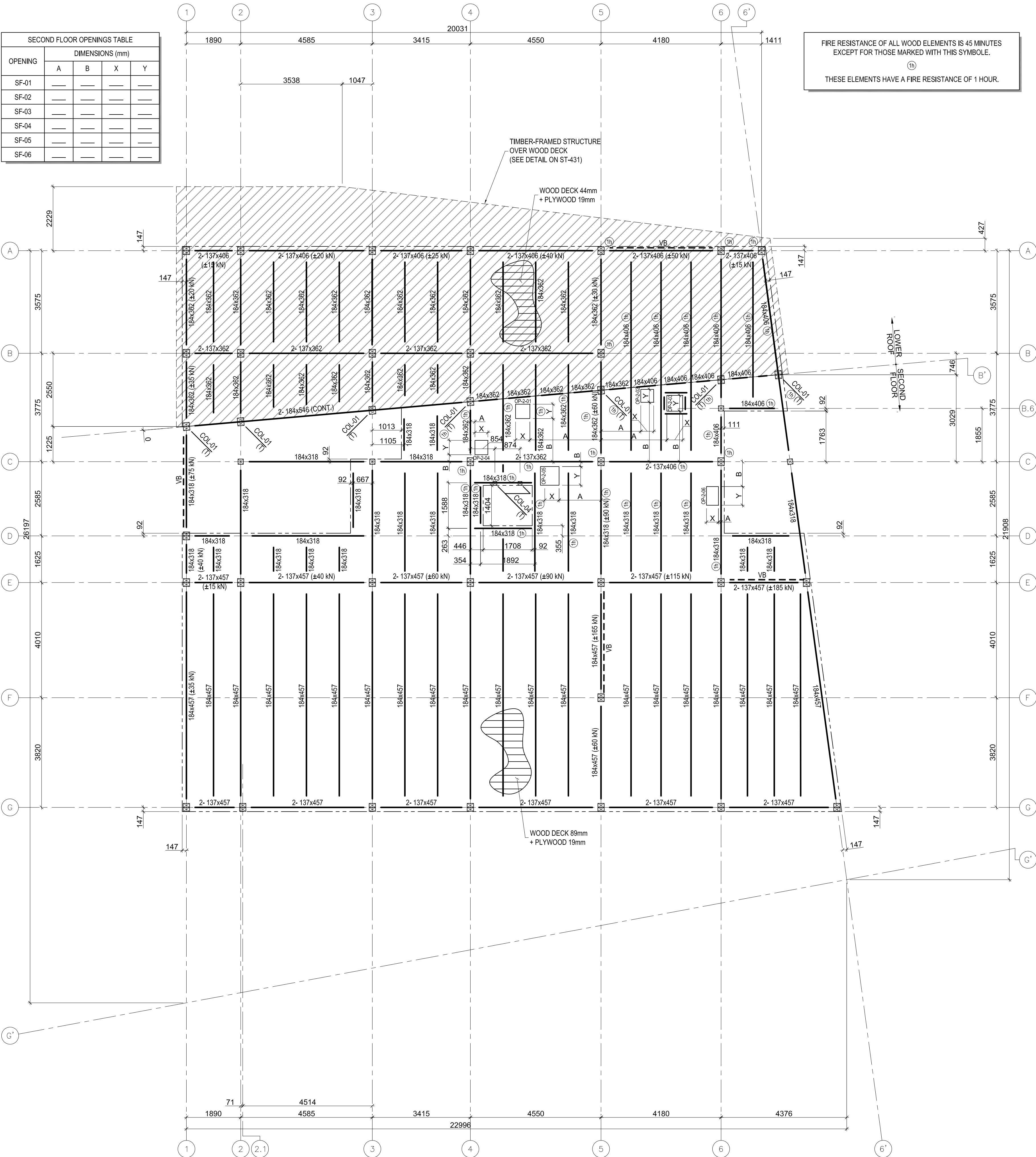


OPENING	DIMENSIONS (mm)			
	A	B	X	Y
SF-01	—	—	—	—
SF-02	—	—	—	—
SF-03	—	—	—	—
SF-04	—	—	—	—
SF-05	—	—	—	—
SF-06	—	—	—	—



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		
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.

Conçu par

Drawn by
Dominic Ouellet

Dessiné par

Approved by
Louis-Philippe Poirier, eng.

Approuvé par

PNWSC Project Manager
Russel Knister

Administrateur de Projets TPSSC

Drawing title
STRUCTURE

Titre du dessin

SERIE 200 - SUPERSTRUCTURE

SECOND FLOOR & LOWER ROOF PLAN PLAN VIEW

Project no./No. du projet R.082769.001	Drawing no./No. du dessin S205	Revision no. 0
--	--	--------------------------