

CANOPY FRAMING PLAN

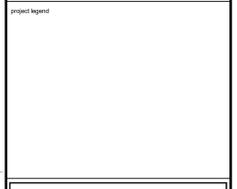
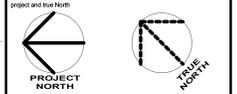
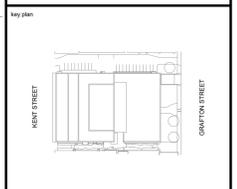
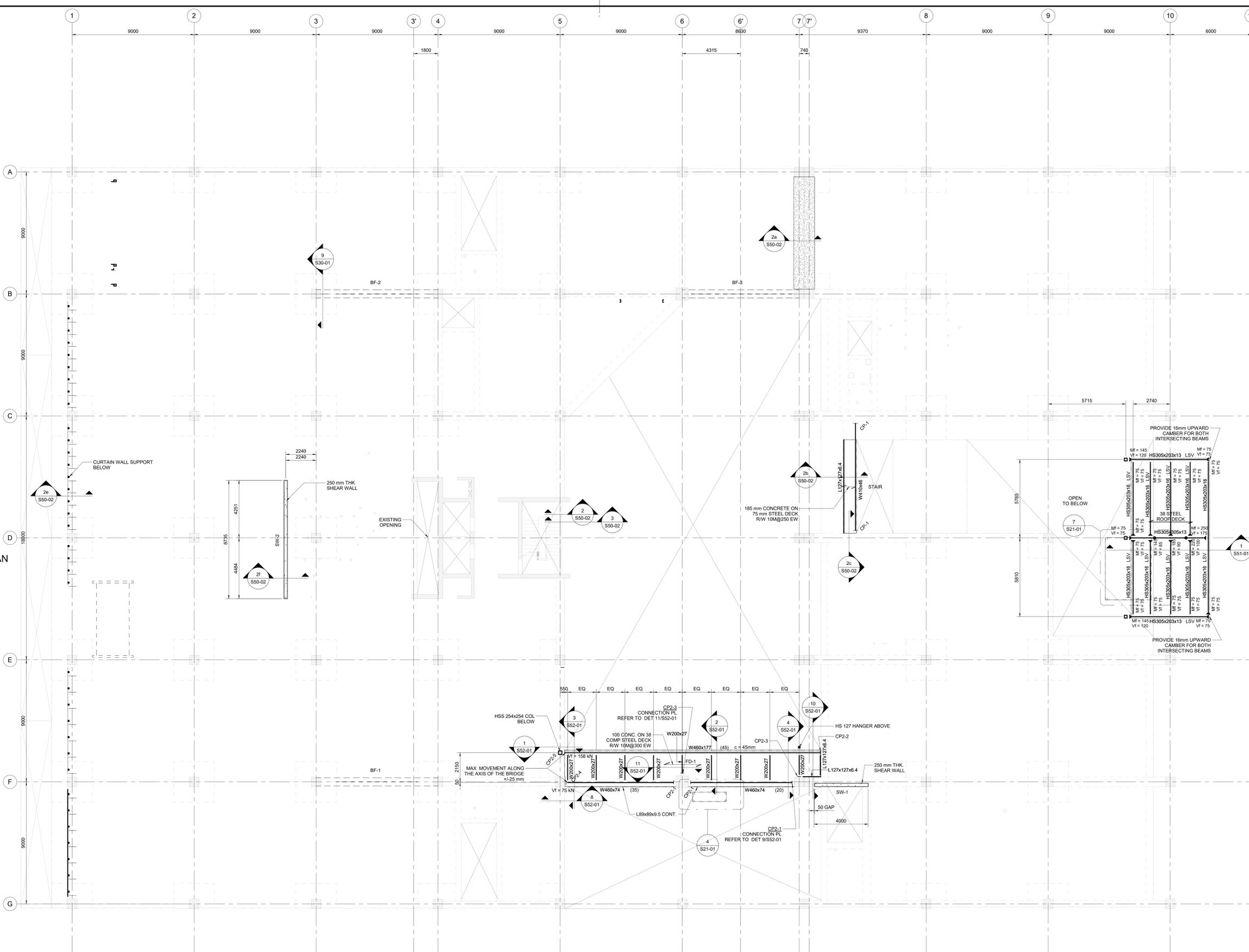
1. FINISHED ROOF IS AT 5.90 m ABOVE GROUND FLOOR LEVEL DATUM 0.00.
2. TOP OF STEEL BEAMS 30 mm BELOW ROUGH ROOF UNLESS NOTED THUS (XXXX).
3. LIVE LOAD:
SNOW LOAD 2.76 kPa
EXCEPT AS CROSSED AND NOTED, OR INDICATED BY SNOW LOADING DIAGRAMS.
4. SUPERIMPOSED DEAD LOADS ARE:
MECHANICAL AND ELECTRICAL 0.35 kPa
CEILING 0.14 kPa
ROOFING 0.14 kPa
EXCEPT AS CROSSED AND NOTED.
5. ► DENOTES FULL MOMENT CONNECTION UNLESS OTHERWISE NOTED.
6. "Ws" FOR "Ws" INDICATE SUPERIMPOSED DEAD AND LIVE/SNOW LOADS ACTING ON THE SLAB. "Wf" VALUES EXCLUDE WEIGHT OF STEEL FRAMING DECK.
7. STEEL DECK IS DESIGNED TO ACT AS DIAPHRAGM. FASTEN TO RESIST FACTORED FORCE SHOWN ON DRAWING S10-01.
8. CONFIRM LOCATIONS OF ALL OPENINGS BEFORE PREPARATION OF SHOP DRAWINGS.
9. FOR FRAMING REINFORCEMENT AT OPENINGS THROUGH ROOF, REFER TO TYPICAL DETAILS.
10. DESIGN ALL BEAM CONNECTIONS FOR THE FACTORED VERTICAL SHEAR FORCE NOTED ON PLAN WHERE NO FORCE IS INDICATED. DESIGN THE CONNECTION FOR A VERTICAL SHEAR FORCE OF 75 kN IN ADDITION. A MINIMUM OF TWO BOLTS ARE TO BE USED TO IN ALL BEAM CONNECTIONS.
11. FORCES SHOWN AS C1 AND T1 ARE FACTORED AXIAL TENSILE AND COMPRESSIVE FORCES IN kN. FORCES SHOWN AS M1 AND V1 ARE FACTORED MOMENT AND SHEAR FORCES IN kNm UNITS.
12. SNOW MELTING SYSTEM TO BE PROVIDED FOR CANOPY ROOF.

BRIDGE FRAMING PLAN

1. FLOOR SLOPES, NEW FINISHED FLOOR TO MATCH EXISTING FINISHED FLOOR ELEVATIONS. REFER TO ARCHITECTURAL FOR DETAILED ELEVATIONS.
2. TOP OF STEEL BEAMS IS 150mm BELOW FINISHED FLOOR LEVEL UNLESS NOTED THUS (XXXX.XX), WHERE INDICATED OFFSET IS RELATIVE TO THE SLOPED TOP OF SLAB.
3. ► DENOTES FULL MOMENT CONNECTION UNLESS OTHERWISE NOTED.
4. CONFIRM LOCATIONS OF ALL OPENINGS BEFORE PREPARATION OF SHOP DRAWINGS.
5. REFER TO S01 AND S02 DRAWING SERIES FOR GENERAL NOTES AND TYPICAL DETAILS.
6. DESIGN ALL DIAGONAL MEMBERS AND FLOOR BEAMS CONNECTIONS FOR THE FOLLOWING CONNECTION FORCES:
a. AXIAL FORCE T1 = C1 = 75 kN (MIN) OR FORCE SHOWN ON PLANE WHICHEVER IS GREATER.
b. VERTICAL SHEAR V1 = 75 kN (MIN) OR SHEAR FORCE SHOWN ON PLANE WHICHEVER IS GREATER.
c. MOMENT M1 = 75 kNm OR MOMENT (►) SHOWN ON PLANE WHICHEVER IS GREATER.

SECOND FLOOR FRAMING PLAN

1. REMOVE EXISTING FLOOR FINISH BEFORE PLACING OVERLAY.
2. DEPTH OF OVERLAY SHALL NOT EXCEED 13 MM ANYWHERE ON FLOOR.



THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND
VALID FOR THE YEAR 2022
Faisal Jahangir
No. 2558
DATE: 27-05-2022
LICENSED PROFESSIONAL ENGINEER
PROVINCE OF PRINCE EDWARD ISLAND

ISSUED FOR TENDER 2022-05-27
revisions table with columns for revision number, date, and description.
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drawing: SECOND FLOOR FRAMING PLAN
designed: NORR
date: 2020-10-05
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1 SECOND FLOOR FRAMING PLAN
SCALE: 1:100
0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m