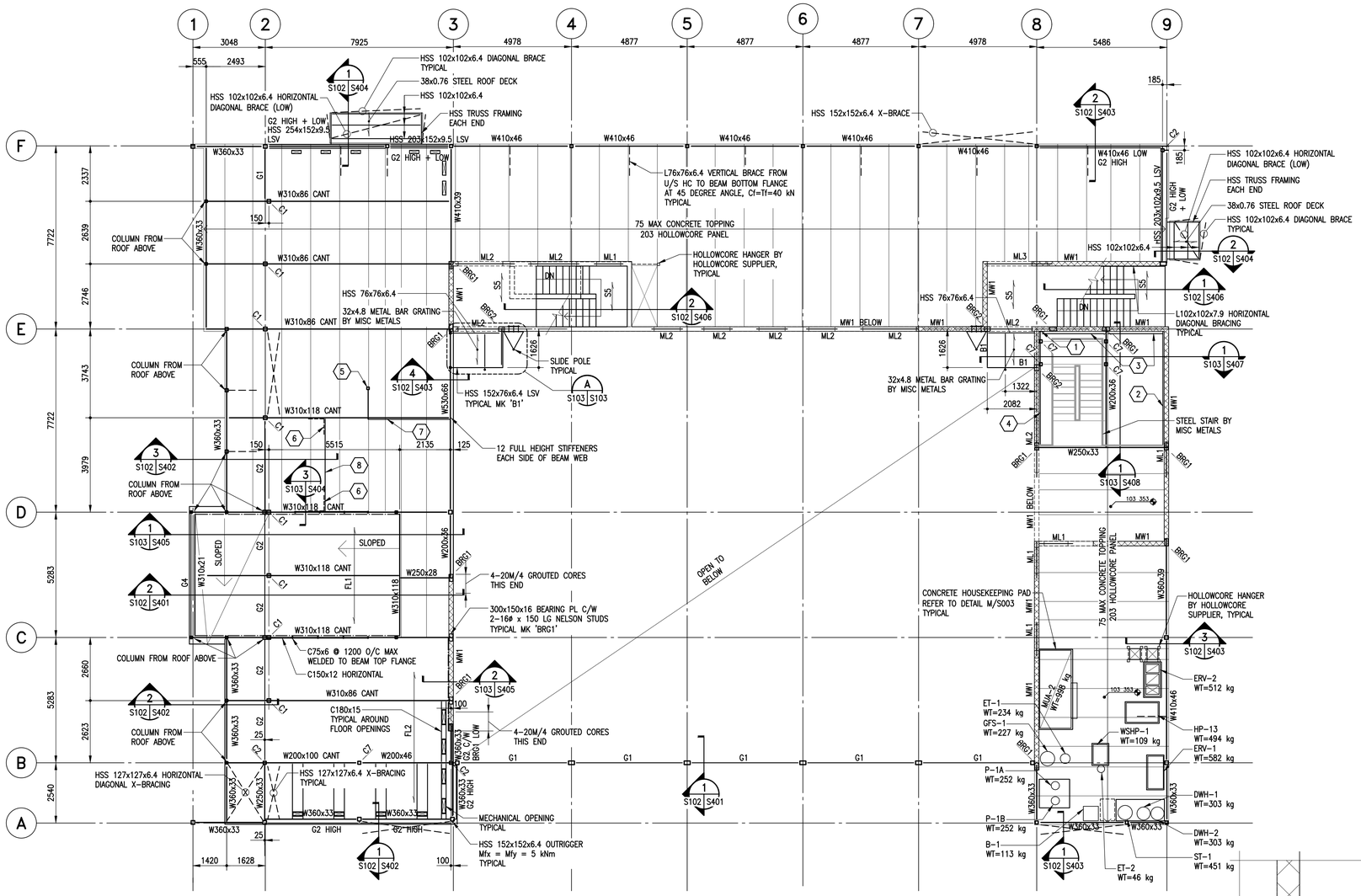


SECOND FLOOR FRAMING PLAN KEYNOTES:

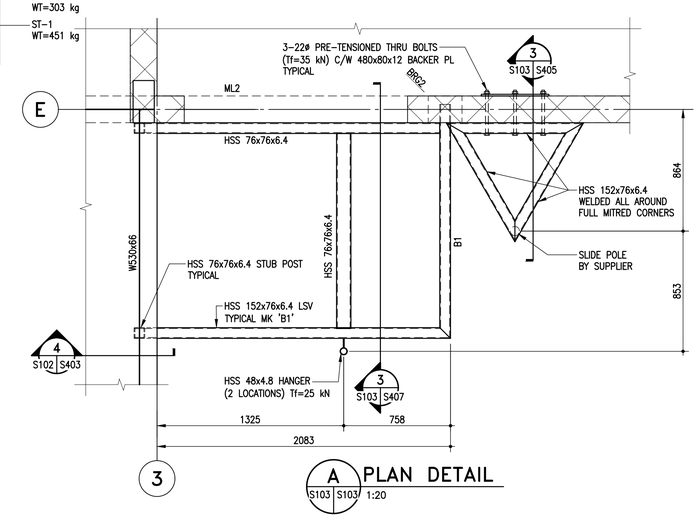
1. 230x230x12 WELD PLATE C/W 2-19ø x 175 EMBED THREAD RODS C/W HILTI HIT-HY270 ADHESIVE.
2. HSS 178x127x13 C/W 16ø x 150 EMBED THREADED RODS @ 800 O/C C/W HILTI HIT-HY270 ADHESIVE. T/O GIRT EL 103 075
3. HSS 178x127x4.8 C/W 16ø x 150 EMBED THREADED RODS @ 800 O/C C/W HILTI HIT-HY270 ADHESIVE. T/O GIRT EL 103 075
4. HSS 178x127x6.4 C/W 16ø x 150 EMBED THREADED RODS @ 800 O/C C/W HILTI HIT-HY270 ADHESIVE. T/O GIRT EL 103 075
5. HSS 102x102x6.4 WIND POST C/W SLOTTED CONNECTION AT TOP.
6. L76x76x6.4 VERTICAL DIAGONAL BRACING IN 2 DIRECTIONS AT 45 DEGREE. FOR BRACING CONNECTION TO U/S OF HC SEE SECTION 2/S403.
7. G2 SUSPENDED FROM U/S STEEL BEAM, U/S OF GIRT EL 103 185.
8. G2 SUSPENDED FROM U/S STEEL BEAM, U/S OF GIRT EL 103 085.

SECOND FLOOR FRAMING PLAN

1 : 100

- DESIGN DEAD LOAD = 6.6 kPa
- DESIGN LIVE LOAD = 4.8 kPa
  = 7.6 kPa (MECHANICAL ROOM)
- DESIGN SNOW LOAD = 8.65 kPa (CANOPY)

- REFER TO DRAWING SERIES S00X FOR GENERAL NOTES, DETAILS & SCHEDULES.
- T/O SECOND FLOOR EL 103 962 U/N
- BEAMS CONTINUOUS OVER/BELOW COLUMNS C/W FULL HEIGHT WEB STIFFENERS EACH SIDE OF BEAM WEB AND SAME ORIENTATION AS THE COLUMN BELOW/ABOVE. STIFFENER THICKNESS TO BE MINIMUM THE COLUMN WALL THICKNESS OR BEAM FLANGE THICKNESS WHICHEVER IS GREATER AND NOT LESS THAN 9.5 mm.
- HOLLOWCORE CONCRETE TOPPING TO BE 76 AT BEARING ENDS AND 50 MINIMUM AT CENTRE SPANS. GENERAL CONTRACTOR TO CONFIRM WITH HOLLOWCORE SUPPLIER.
- ALL EXTERIOR STRUCTURAL STEEL TO BE HOT-DIPPED GALVANIZED. EXPOSED STRUCTURAL STEEL IN HOSE WASH AREA TO BE HOT-DIPPED GALVANIZED.



A PLAN DETAIL

S103 S103 1:20

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Crosier Kilgour & Partners Ltd.
No. 235

Cibinel Architecture Ltd
560 ACADEMY ROAD WINNIPEG MB R3N 0E3
T. 204 989 8910

ARCHITECT

300-275 Carlton Street
Winnipeg, Manitoba R3C 5R6
T 204. 943. 7501
F 204. 943. 7507
2022-0020

Crosier Kilgour & Partners Ltd.
CONSULTING STRUCTURAL ENGINEERS

NO.	DATE	REVISION / ISSUANCE
00	2023.02.03	ISSUED FOR CONSTRUCTION

Seal

PROVINCE OF MANITOBA
BERVANAKIS
Member
38311
2023-02-02
REGISTERED PROFESSIONAL ENGINEER

Project
WFPS STATION 9

1083 AUTUMNWOOD DRIVE

Sheet Title
SECOND FLOOR FRAMING PLAN

Project No.
2150

Sheet
S103

CIBINEL - Arch D - 24" X 36"