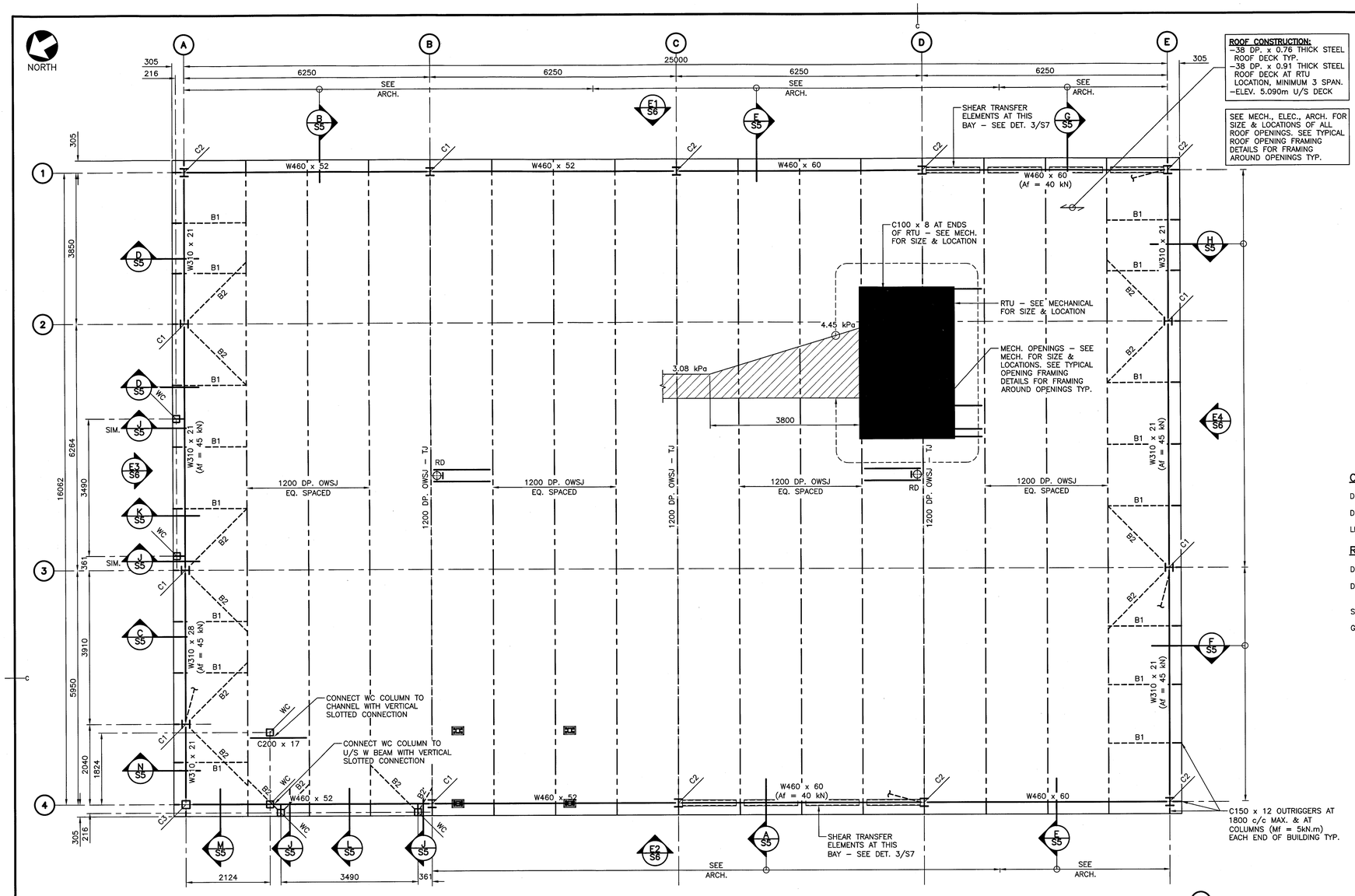


COLUMN SCHEDULE	
MARK	SIZE
C1	W200 x 46
C2	W200 x 52
C3	HSS203 x 203 x 6.4 (GALV.)
WC	HSS178 x 178 x 6.4

LEGEND:

- Af DENOTES FACTORED AXIAL FORCE FOR CONNECTION DESIGN.
- B1 DENOTES L51 x 51 x 6.4 ANGLE BRACE FROM BEAM BOTTOM FLANGE TO OWSJ TOP CHORD PANEL POINT (Af = 5 kN).
- B2 DENOTES L76 x 76 x 6.4 ANGLE BRACE FROM TOP OF COLUMN TO OWSJ TOP CHORD PANEL POINT (Af = 10 kN).
- C# DENOTES COLUMN. SEE COLUMN SCHEDULE.
- Mf DENOTES FACTORED MOMENT FORCE.
- RD DEBNOTES ROOF DRAIN. SEE ARCH., MECH. FOR SIZE & LOCATIONS. SEE TYPICAL OPENING FRAMING FOR DETAILS FOR FRAMING.
- TJ DENOTES TIE JOIST.
- W### x ## (Af = ## kN) ALL BEAMS NOTED ON PLAN WITH AN AXIAL FORCE TO HAVE 19 DIA. DECK WELDS EVERY FLUTE & BUTTON PUNCHED AT 300 c/c.
- WC DENOTES WIND COLUMN. SEE COLUMN SCHEDULE.

COMPACTOR PLATFORM DESIGN LOADS:

DEFLECTION CRITERIA L/360
DEAD LOAD ..... 2.20 kPa
LIVE LOAD ..... 4.80 kPa + DRIFT

ROOF/CANOPY DESIGN LOADS:

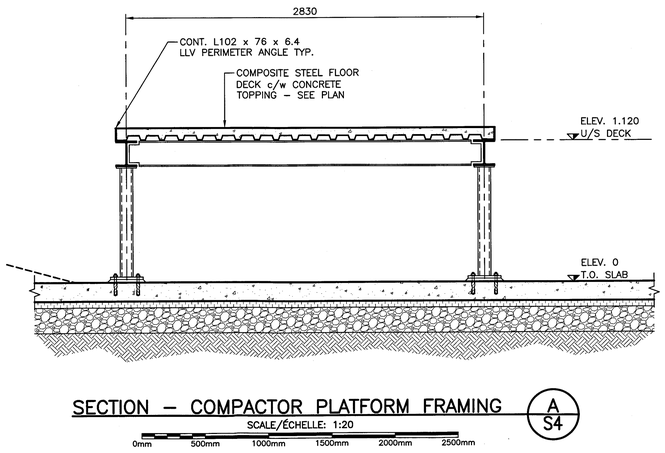
DEFLECTION CRITERIA L/300
DEAD LOAD ..... 0.80 kPa
..... 0.50 kPa (SUSPENDED) TOP OR BOTTOM CHORD
SNOW LOAD ..... 3.08 kPa + DRIFT
GROSS WIND UPLIFT ..... 1.25 kPa

NOTES:

1. JOIST DEPTHS SHOWN ARE MAXIMUM DEPTHS. JOIST MANUFACTURER MAY OPTIMIZE DEPTHS AS REQUIRED.
2. JOIST MANUFACTURER/STEEL FABRICATOR TO COORDINATE JOIST GEOMETRY & BRIDGING LOCATIONS WITH DUCTWORK. SEE MECHANICAL FOR DUCTWORK SIZES & LOCATIONS.

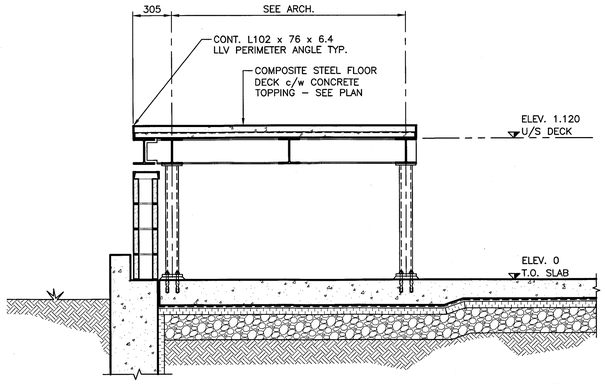
PLAN – ROOF FRAMING

SCALE/ÉCHELLE: 1:50
0m 1m 2m 3m 4m 5m



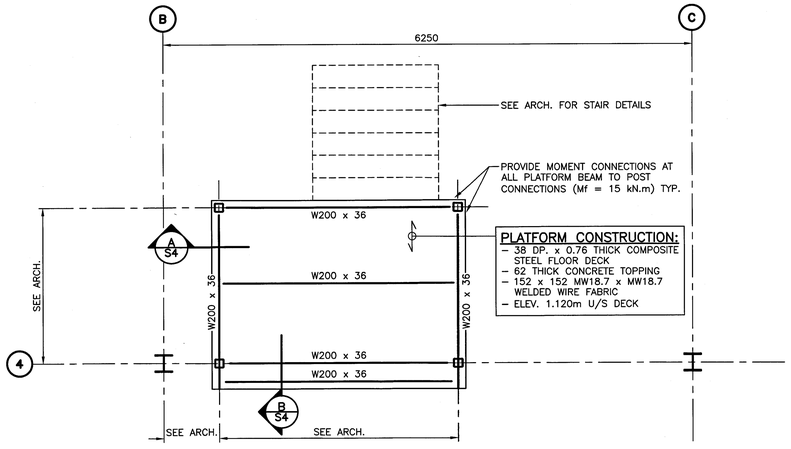
SECTION – COMPACTOR PLATFORM FRAMING (A S4)

SCALE/ÉCHELLE: 1:20
0mm 500mm 1000mm 1500mm 2000mm 2500mm



SECTION – COMPACTOR PLATFORM FRAMING (B S4)

SCALE/ÉCHELLE: 1:20
0mm 500mm 1000mm 1500mm 2000mm 2500mm



PLAN DETAIL – COMPACTORR PLATFORM FRAMING (9 S4)

SCALE : N.T.S.

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

FOWLER BAULD & MITCHELL
architecture

Fowler Bauld & Mitchell Ltd.
PO Box 514, Suite 102
1660 Hollis Street
Halifax, Nova Scotia B3J 2R7
Tel: 902 429 4100
Fax: 902 423 3063
architects@fbm.ns.ca
www.fbm.ns.ca

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DATE JUN 30/12
S. L. Myatt
8171
PROVINCE OF NOVA SCOTIA

revisions		date
0	ISSUED FOR TENDER	

project / projet
SPRINGHILL SOLID WASTE MANAGEMENT CENTRE
SPRINGHILL, NS

drawing / dessin
STRUCTURAL
ROOF FRAMING PLAN

designed SLJM / conçu
date JUNE 2012
drawn SWF / dessiné
date JUNE 2012
approved MDW / approuvé
date JUNE 2012
Tender / Soumission
2014-08-11
PWGSC Project Manager / Administrateur de projets TPSGC
project number / no. du projet
R.043944.002
drawing no. / no. du dessin
S4

E-DRM/GDD-E: 433049

PWGSC B1 (2004)