**WARNING**: The following drawing is published as guideline only to assist the building designer in the preparation of the building design drawings. The scope of application and adaptation of the drawing is under the responsibility of the building designer.

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**ITEM A.1**

- **DEAD LOAD**
  - Roof & Deck: 17.0 psf
  - Mech. & Electrical: 2.0 psf
  - Structure: 3.0 psf
  - Joists: 2.0 psf
  - Suspended Ceiling: 1.0 psf
  - Snow: 25.0 psf

**ITEM A.2**

- **GROSS UPLIFT**
  - 1 m: 27.0 psf
  - 2 m: 22.0 psf
  - 3 m: 30.0 psf
  - 4 m: 10.0’

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**ITEM A.3**

**JOIST DESIGNER NOTES**

- Design All Roof Joists for a Minimum Unfactored Additional Point Load (Dead Load) of 250 lb. Applied at Any Top or Bottom Chord Panel Point.

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**ITEM A.4**

**ITEM A.5**

**MECHANICAL UNIT**

- Dimensions: 12’-0’
- SPU1

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**ITEM A.6**

**FOR PRICING PURPOSES**

1. 40 Sprinkler Joists One 0.5 kip Point Load at 1st Panel Point (In 40’-0” Span)
2. 20 Sprinkler Joists with Additional U.D.L. of 50 psf (35’-0” Span)

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**ITEM A.7**

**SPRINKLER LOADS**

- On Joist: 0.5 kip at Max. = 40 kips

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**ITEM A.8**

**CRANE LOADS**

- **CAPACITY**
  - 6.0 kps
- **CRANE WEIGHT**
  - 7.0 kps
- **MAX. WHEEL LOAD (DYNAMIC)**
  - 6.8 kps
- **MIN. WHEELS SPACING**
  - 6’-0”
- **IMPACT FACTOR**
  - 1.25

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**ITEM A.9**

**JOIST DESIGN**

- SEE PLAN FOR JOIST LOCATION
- * IF APPLICABLE

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**ITEM B.1**

**ITEM B.2**

**JOIST GIRDER**

- Grid: A

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**ITEM B.4**

**WIND COLUMN**

- Grid: A

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**ITEM C.1**

**LIVE LOAD DEFLECTION**

1. Roof Joists = L240
2. Floor Joists = L360

**SPECIAL LIMITED DEFLECTION**

See Indications on Drawing Beside the Corresponding Joist (”H” inches or U/”XXX”)

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**ITEM C.2**

**JOIST DESIGNER NOTE**

Joists in Hatched Sectors Indicated on Floor Plan Must Have a Minimum Inertia of “X” inches

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**ITEM C.3**

**ELEV 100’0”**

- Grid: A
- Line: 0.04

**ITEM C.4**

**ELEV 100’0”**

- Grid: A
- Line: 0.04

**ITEM C.5**

**FIRE RESISTANCE**

1. Floor Construction to Comply With ULC FR18. Deck to Be Stamped to Comply With ULC U18.1B
2. Roof Construction to Comply With ULC RB101

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**ITEM C.6**

**LOCATION MUST BE GREATER THAN 2.5' = MINIMUM**

**ITEM C.7**

**GENERAL NOTE**

The Minimal Thickness of Top/Bottom Chord (”H” inches) and Web Members (“Y” inches) Material Must Be Determined for Weather or Corrosive Exposure and/or Galvanization Process (If Applicable)

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**DISCLAIMER NOTE**

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