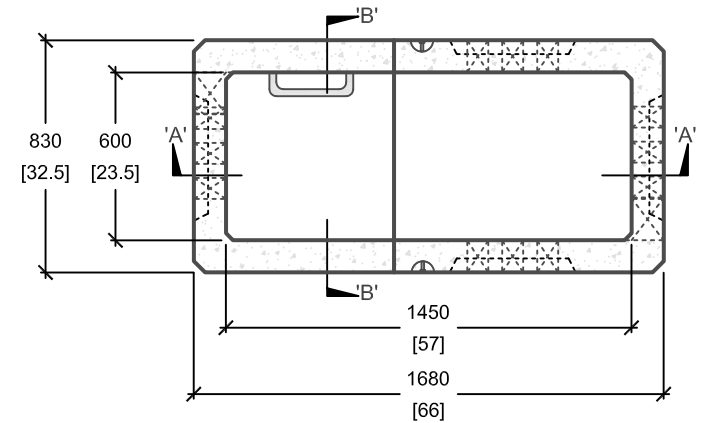
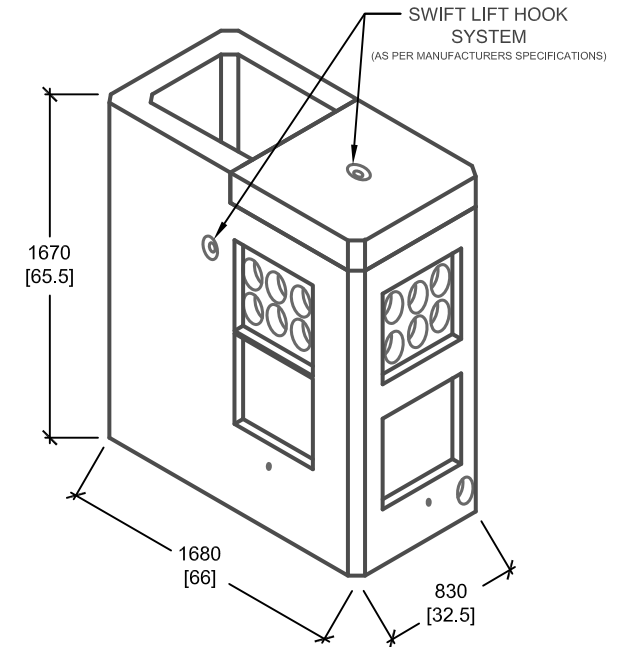


**CROSS SECTION 'A'**

**CROSS SECTION 'B'**



**PLAN VIEW**



mm  
[Inches]  
ALL DIMENSIONS DEFAULT TO MILLIMETRES



**UTILITY STRUCTURES INC.**

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**CONSTRUCTION DETAILS:**

- AS PER [OPSD 2111.02](#)
- DESIGNED TO CL-625-ONT TRUCK LIVE LOADING AS PER CSA S6-06
- CSA 23.4-05
  - 35 MPa (5000psi) AT 28 DAYS
  - STRIPPING STRENGTH: MIN. 20 MPa(2900psi)
  - 5-8% AIR ENTRAINED
  - EXPOSURE CLASS: F-1
- REINFORCING: STEEL TO CSA CAN A23.1

**PRODUCT DETAILS:**

- (4) 450mm[18"]x450mm[18"] KNOCKOUT WINDOWS
- (4) WINDOWS WITH (6) 75mm[3"] DUCT TERMINATORS PER WINDOW
- (1) E-23P 830mm[32.5"] x 965mm[38"] CONCRETE TOP PAD
- (2) 50mm[2"] DRAIN HOLES
- (4) 25mm[1"] GROUND HOLES (FOR PULLING EYES)

**PRODUCT CODE:**

**E-23**  
OPSD MANHOLE

**INSIDE DIMENSIONS:**

**1.67m(H) X 610mm x 1450mm**

**TOTAL WEIGHT:**

**2,200 kg / 4,800 lbs**

**REVISION DATE:**

**FEBRUARY 5, 2015**

**REV. # 6**