

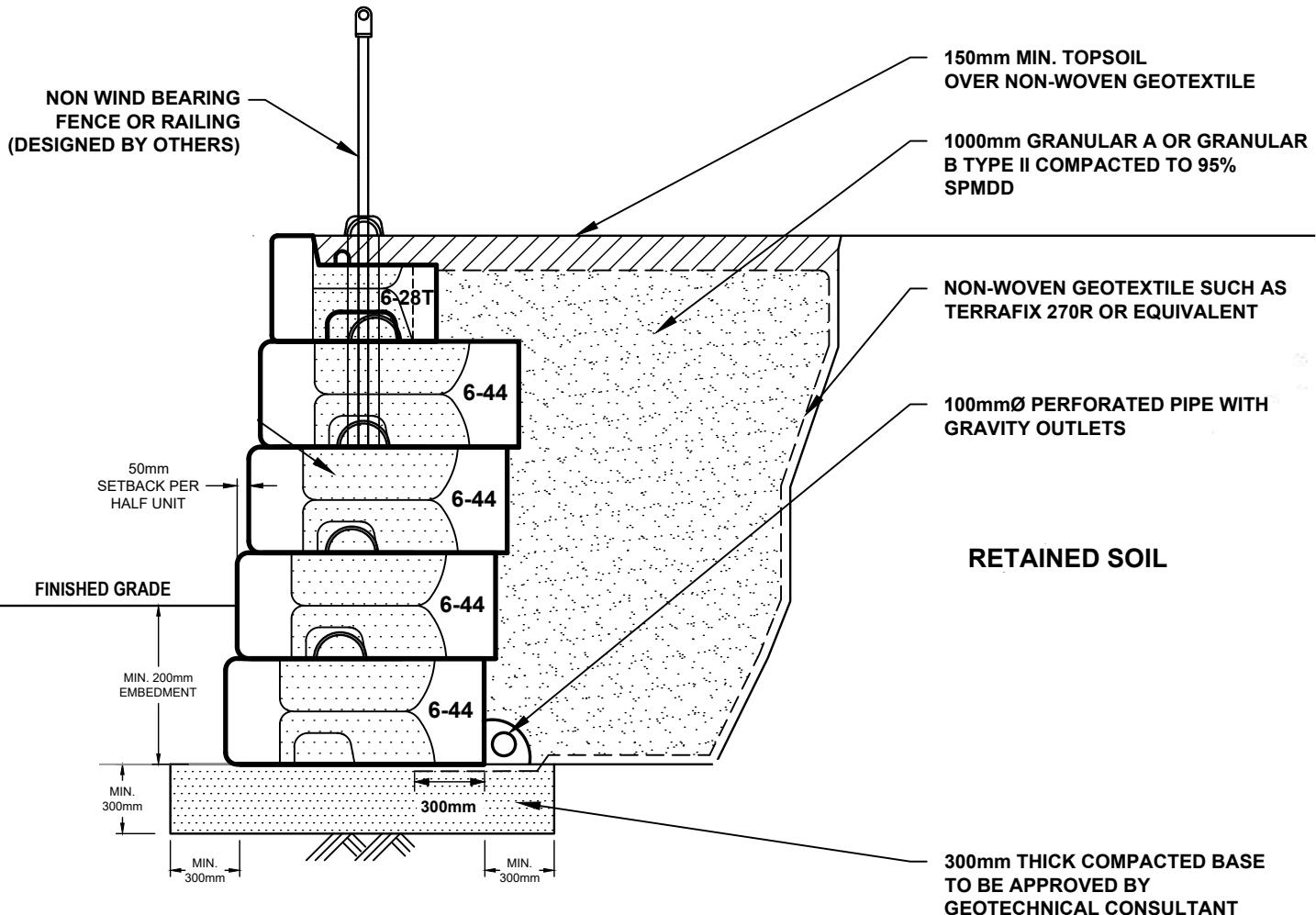
**Drawing:**  
 -All dimensions are in millimeters unless otherwise noted.  
 -This drawing is not to be scaled.  
 -Drawings refer to precast structure only.  
 -All tolerances shall be to CSA 23.4-16 Clause 12.

**Stone Strong Blocks - Concrete and Reinforcing Concrete:**  
 -Concrete strength: 40MPa @ 28 days.  
 -Air Content: 5-8%.  
 -Class of Exposure: C1.  
 -Stripping strength: 15MPa.

4		
3		
2		
1		
#:		DATE

**Typical Stone Strong Retaining Wall - Vertical**

**Reinforcing:**  
 -Reinforcing Steel shall be CAN/CSA G30.18M Grade 400W.  
 -Welding of steel reinforcement to conform to CSA W186.  
 -No changes to steel reinforcement or Lift Anchors without Engineers approval.  
 -Secure Lift Anchors or Loops prior to concrete pour.



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 -All tolerances shall be to CSA 23.4-16 Clause 12.

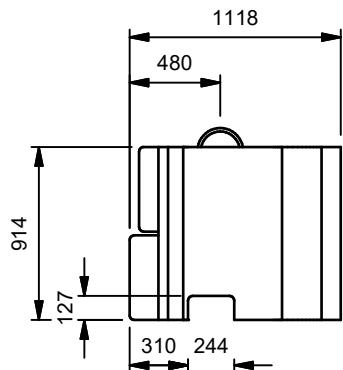
**Stone Strong Blocks - Concrete and Reinforcing Concrete:**  
 -Concrete strength: 40MPa @ 28 days.  
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 -Class of Exposure: C1.  
 -Stripping strength: 15MPa.

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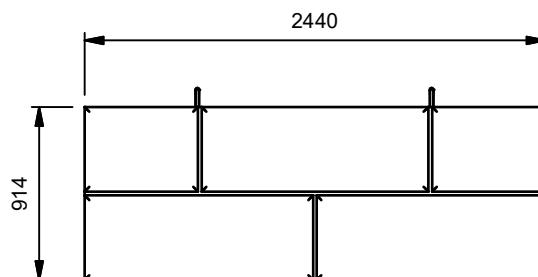
4	
3	
2	
1	
#:	DATE

**Typical Stone Strong Retaining Wall - Step Back**

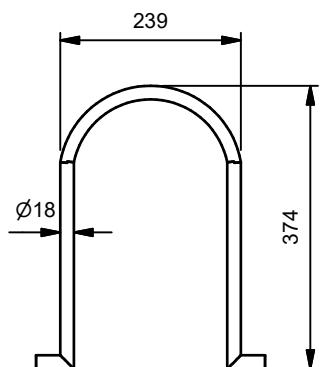
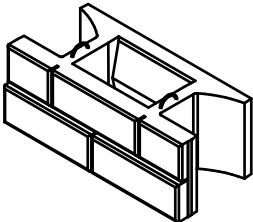

**STENCIL**

 MCON OTT  
 CSA A23.4  
 24-44  
 yyyy/mm/dd

**SIDE-DIMENSIONS**

SCALE: 1:40


**FRONT-DIMENSIONS**

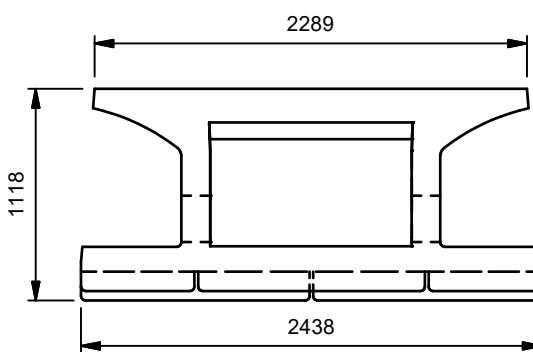
SCALE: 1:40


**ISOMETRIC VIEW**

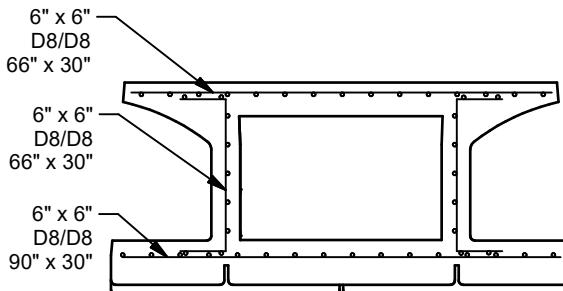
SCALE: 1:75

**18mm LIFTING LOOP**  
 (Part# CSSA10-18)

SCALE: 1:10


**PLAN-DIMENSIONS**

SCALE: 1:40


**PLAN-REINFORCEMENT**

SCALE: 1:40

**Drawing:**  
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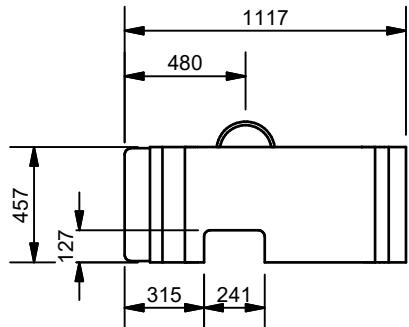
**Concrete:**  
 -Concrete strength: 40MPa @ 28 days.  
 -Air Content: 5-8%.  
 -Class of Exposure: C1.  
 -Stripping strength: 15MPa.

**Clear Cover**  
 -Minimum 50mm

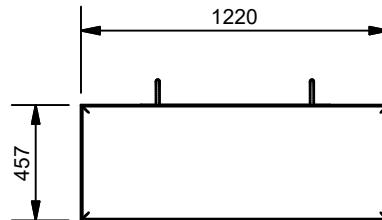
4		
3		
2	VOL., MASS, PRODUCT CODE UPDATED	SEPT. 19, 2022
1	INITIAL ISSUE (2021)	JAN. 29, 2021
#:	REVISION	DATE
<b>24-44 SF BLOCK</b>		
2438L x 914H x 1118W		
Mass: 2,683 kg		Code: SS2444
Volume: 1.166 m <sup>3</sup>		DWG #: 7.13
DWG By: C.H.	APPD By: B.M.	
Path: N:\Products\Stone Strong		

**Reinforcing:**  
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 -Welding of steel reinforcement to conform to CSA W186.  
 -No changes to steel reinforcement or Lift Anchors without Engineers approval.  
 -Secure Lift Anchors or Loops prior to concrete pour.

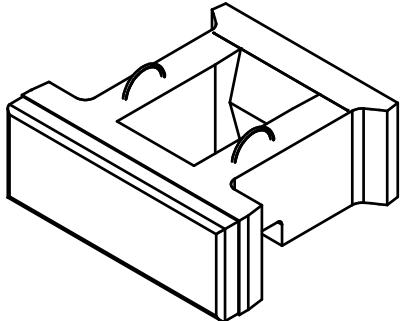

**STENCIL**

 MCON OTT  
 CSA A23.4  
 06-44  
 yyyy/mm/dd

**SIDE-DIMENSIONS**

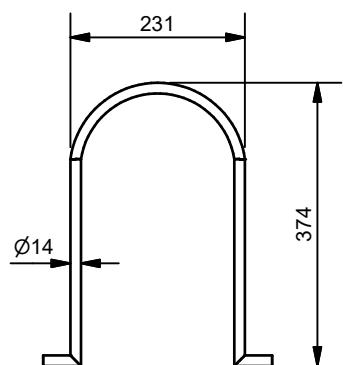
SCALE: 1:30


**FRONT-DIMENSIONS**

SCALE: 1:30

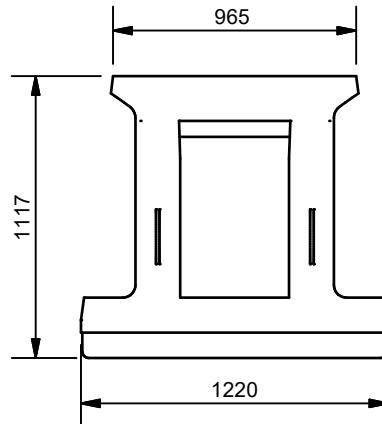

**ISOMETRIC VIEW**

SCALE: 1:30

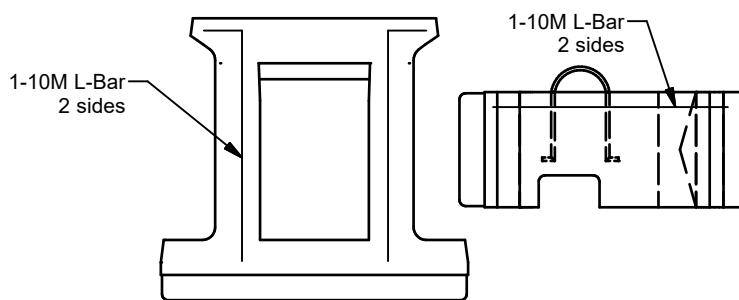

**14mm LIFTING LOOP**

(Part# CSSA10-14)

SCALE: 1:10


**PLAN-DIMENSIONS**

SCALE: 1:30


**PLAN AND SIDE-REINFORCEMENT**

SCALE: 1:30

**Drawing:**  
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 -All tolerances shall be to CSA 23.4-16 Clause 12.

**Concrete:**  
 -Concrete strength: 40MPa @ 28 days.  
 -Air Content: 5-8%.  
 -Class of Exposure: C1.  
 -Stripping strength: 15MPa.

**Clear Cover**  
 -Minimum 50mm

4		
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2	VOL., MASS, M CON CODE UPDATED	SEPT. 19, 2022
1	INITIAL ISSUE (2021)	JAN. 27, 2021
#:	REVISION	DATE

**6 SF BLOCK**  
 1220L x 457H x 1117W

 Mass: 720 kg  
 Volume: 0.313 m<sup>3</sup>

 Code: SS0644  
 DWG #: 7.8

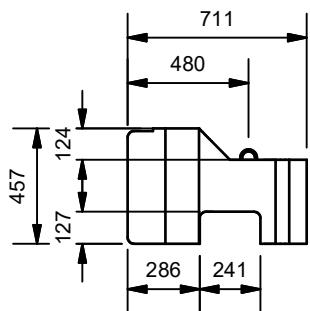
DWG By: C.H. APPD By: B.M.

Path: N:\Products\Stone Strong

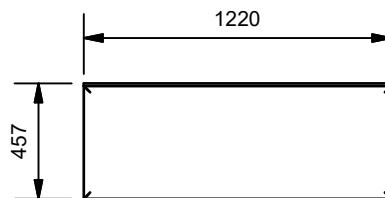
**Reinforcing:**

-Reinforcing Steel shall be CAN/CSA G30.18M Grade 400W.  
 -Welding of steel reinforcement to conform to CSA W186.  
 -No changes to steel reinforcement or Lift Anchors without Engineers approval.  
 -Secure Lift Anchors or Loops prior to concrete pour.

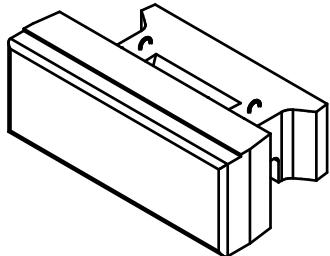
**STENCIL**

 MCON OTT  
 CSA A23.4  
 06-28T  
 yyyy/mm/dd

**SIDE-DIMENSIONS**

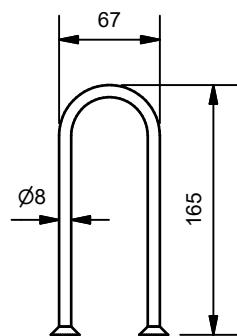
SCALE: 1:30


**FRONT-DIMENSIONS**

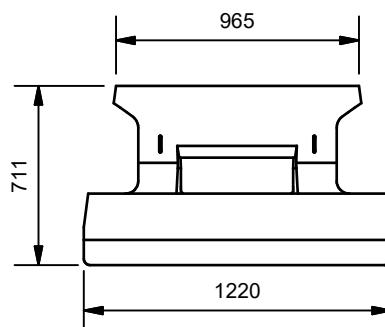
SCALE: 1:30


**ISOMETRIC VIEW**

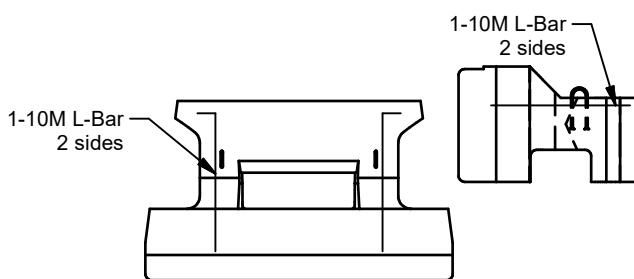
SCALE: 1:30


**6.5" LIFTING LOOP**  
 (Part# LRA516612G)

SCALE: 1:5


**PLAN-DIMENSIONS**

SCALE: 1:30


**PLAN AND SIDE-REINFORCEMENT**

SCALE: 1:30

**Drawing:**  
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 -All tolerances shall be to CSA 23.4-16 Clause 12.

**Concrete:**  
 -Concrete strength: 40MPa @ 28 days.  
 -Air Content: 5-8%.  
 -Class of Exposure: C1.  
 -Stripping strength: 15MPa.

**Clear Cover**  
 -Minimum 50mm

4		
3		
2	VOL., MASS, M CON CODE UPDATED	SEPT. 19, 2022
1	INITIAL ISSUE (2021)	JAN. 27, 2021
#:	REVISION	DATE
<b>6 SF BLOCK - TOP BLOCK</b> 1220L x 457H x 711W		
Mass: 545 kg	Code: SS0628T	
Volume: 0.237 m <sup>3</sup>	DWG #: 7.7	
DWG By: C.H.	APPD By: B.M.	
Path: N:\Products\Stone Strong		

**Reinforcing:**  
 -Reinforcing Steel shall be CAN/CSA G30.18M Grade 400W.  
 -Welding of steel reinforcement to conform to CSA W186.  
 -No changes to steel reinforcement or Lift Anchors without Engineers approval.  
 -Secure Lift Anchors or Loops prior to concrete pour.