

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.

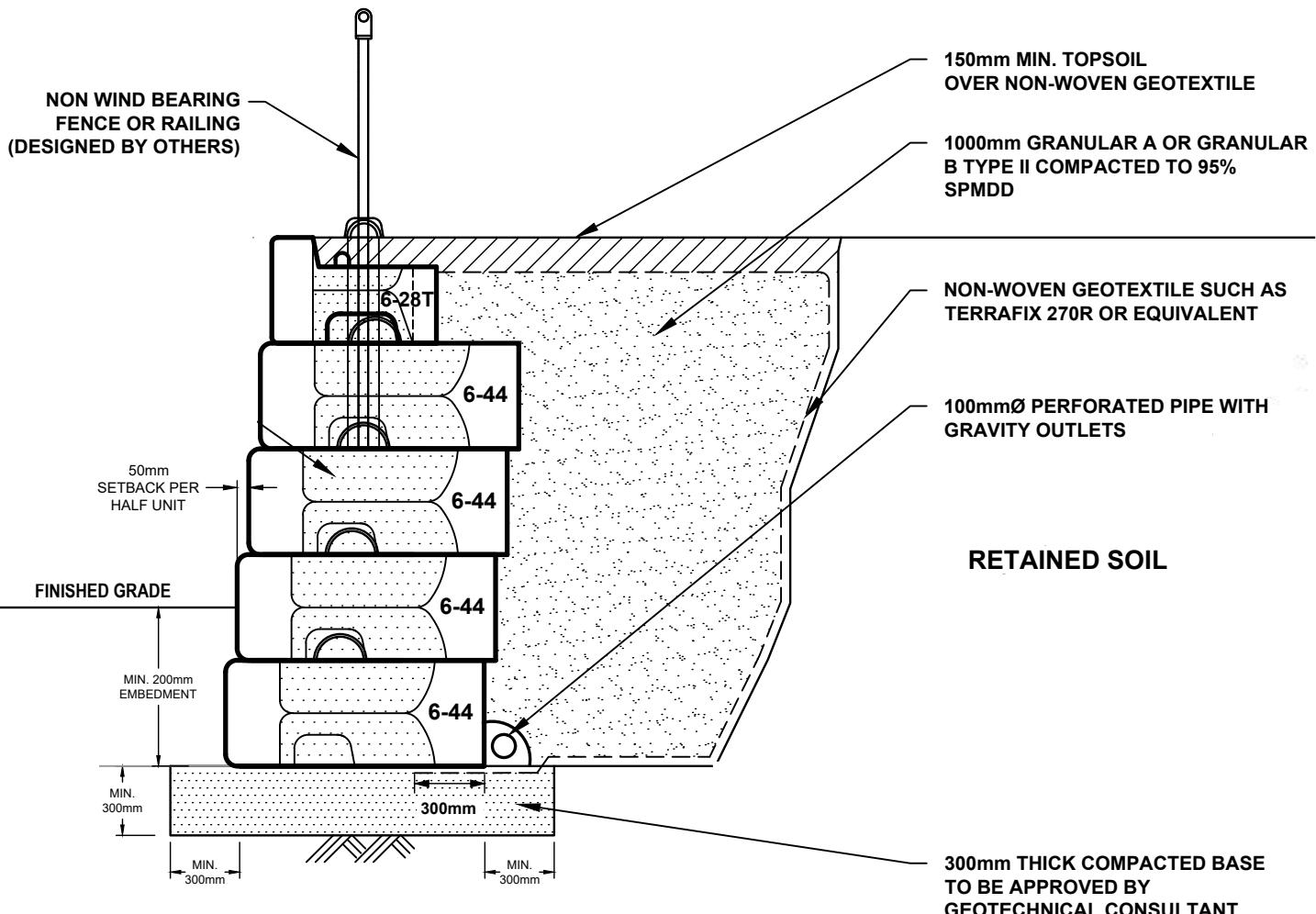
Stone Strong Blocks - Concrete and Reinforcing Concrete:
 -Concrete strength: 40MPa @ 28 days.
 -Air Content: 5-8%.
 -Class of Exposure: C1.
 -Stripping strength: 15MPa.

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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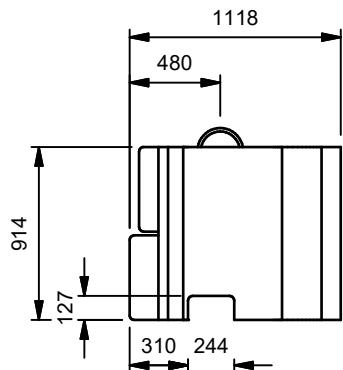
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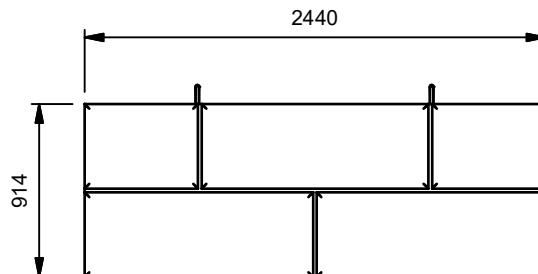
4	
3	
2	
1	
#:	DATE

Typical Stone Strong Retaining Wall - Step Back

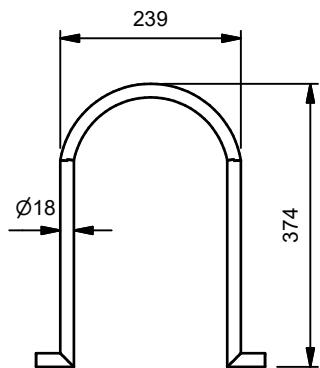
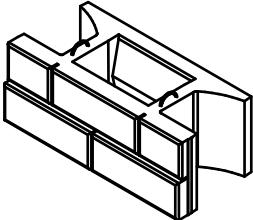

STENCIL

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

SIDE-DIMENSIONS

SCALE: 1:40


FRONT-DIMENSIONS

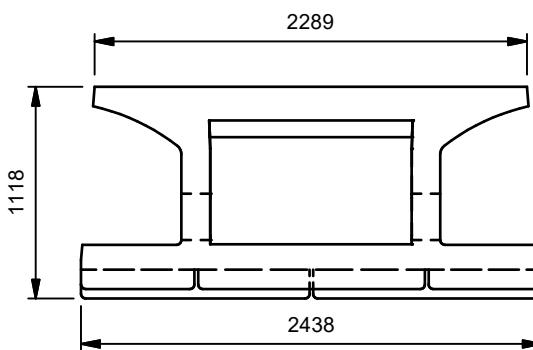
SCALE: 1:40


ISOMETRIC VIEW

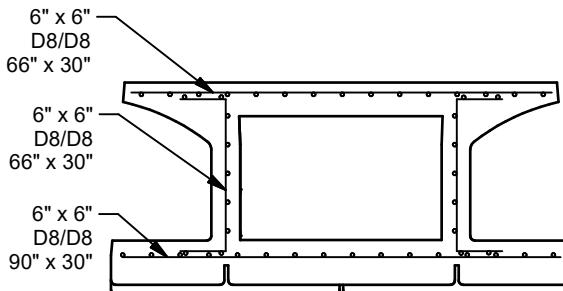
SCALE: 1:75

18mm LIFTING LOOP
 (Part# CSSA10-18)

SCALE: 1:10


PLAN-DIMENSIONS

SCALE: 1:40


PLAN-REINFORCEMENT

SCALE: 1:40

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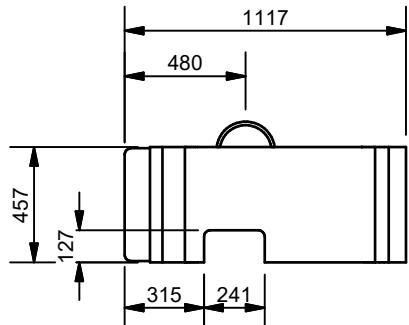
Concrete:
 -Concrete strength: 40MPa @ 28 days.
 -Air Content: 5-8%.
 -Class of Exposure: C1.
 -Stripping strength: 15MPa.

Clear Cover
 -Minimum 50mm

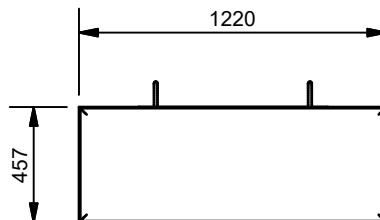
4		
3		
2	VOL., MASS, PRODUCT CODE UPDATED	SEPT. 19, 2022
1	INITIAL ISSUE (2021)	JAN. 29, 2021
#:	REVISION	DATE
24-44 SF BLOCK		
2438L x 914H x 1118W		
Mass: 2,683 kg		Code: SS2444
Volume: 1.166 m ³		DWG #: 7.13
DWG By: C.H.	APPD By: B.M.	
Path: N:\Products\Stone Strong		

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.

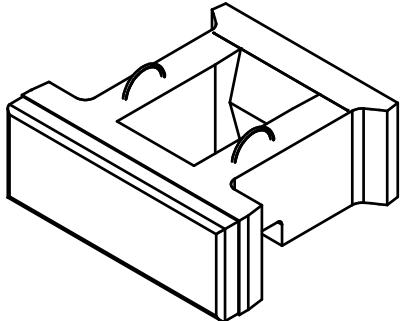
STENCIL

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

SIDE-DIMENSIONS

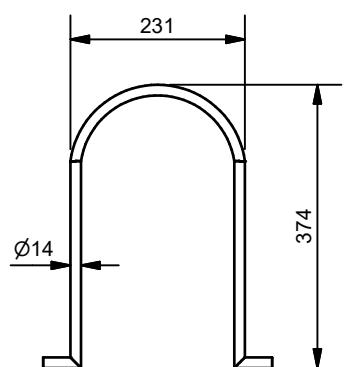
SCALE: 1:30


FRONT-DIMENSIONS

SCALE: 1:30

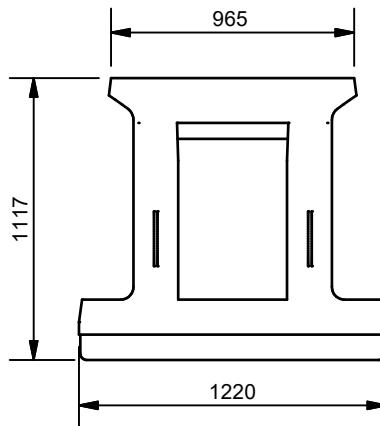

ISOMETRIC VIEW

SCALE: 1:30

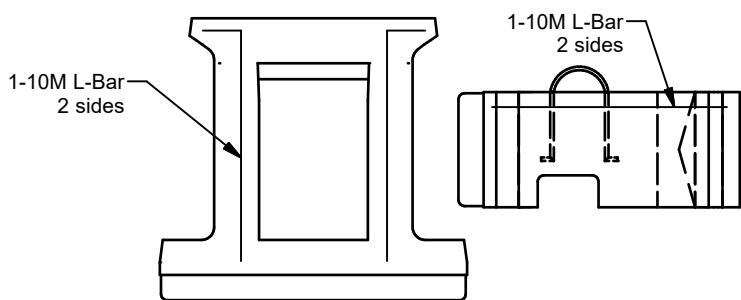

14mm LIFTING LOOP

(Part# CSSA10-14)

SCALE: 1:10


PLAN-DIMENSIONS

SCALE: 1:30


PLAN AND SIDE-REINFORCEMENT

SCALE: 1:30

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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, 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 m³

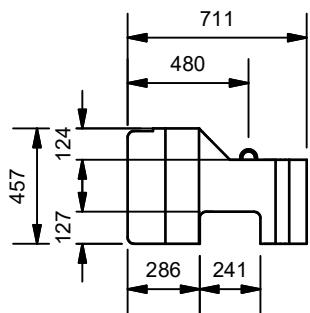
 Code: SS0644
 DWG #: 7.8

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

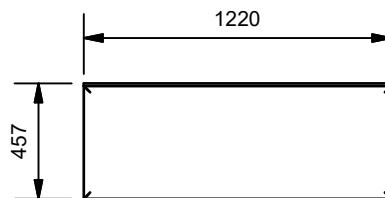
Path: N:\Products\Stone Strong

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.

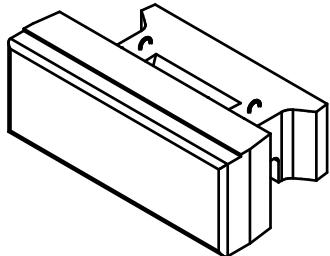
STENCIL

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

SIDE-DIMENSIONS

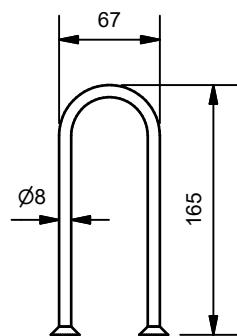
SCALE: 1:30


FRONT-DIMENSIONS

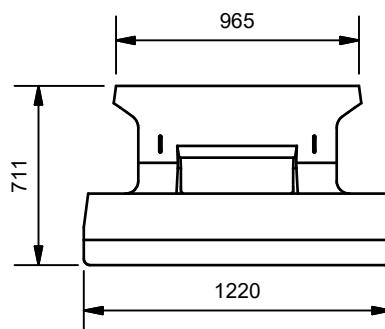
SCALE: 1:30


ISOMETRIC VIEW

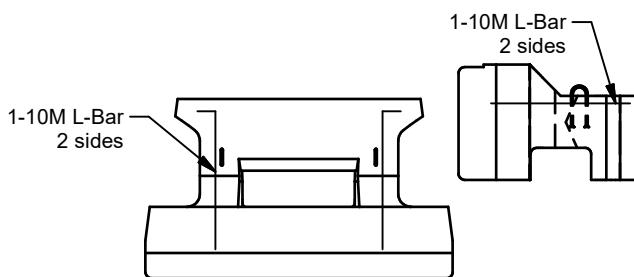
SCALE: 1:30


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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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
6 SF BLOCK - TOP BLOCK 1220L x 457H x 711W		
Mass: 545 kg	Code: SS0628T	
Volume: 0.237 m ³	DWG #: 7.7	
DWG By: C.H.	APPD By: B.M.	
Path: N:\Products\Stone Strong		

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