Interlocking Block

Standard Drawings

8 drawings

Tri-Kon Precast Products Ltd.

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trikonprecast.com

PRODUCT
Interlocking Block

DRAWING
Cover

WEIGHT

DRAWING NO.

DATE
As per drawing

SHEET
Cover

UNITS / SCALE
As per drawing

Request A Quote

Drawing Index

8 drawings. Select one to open its sheet.

01 Bench Blocks · LBBMOT

02 Flat Top Blocks · LBFTMOT

03 Flat Top Half Blocks · LBHFMOT

04 Half Blocks · LBHMOT

05 Half Height Blocks · LBHH

06 Half Height Flat Top Blocks · LBHHFT

07 Interlocking Blocks · LBSMOT

08 Three Knob Blocks · LB3MOT

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PRODUCT
Interlocking Block

DRAWING
Drawing Index

WEIGHT

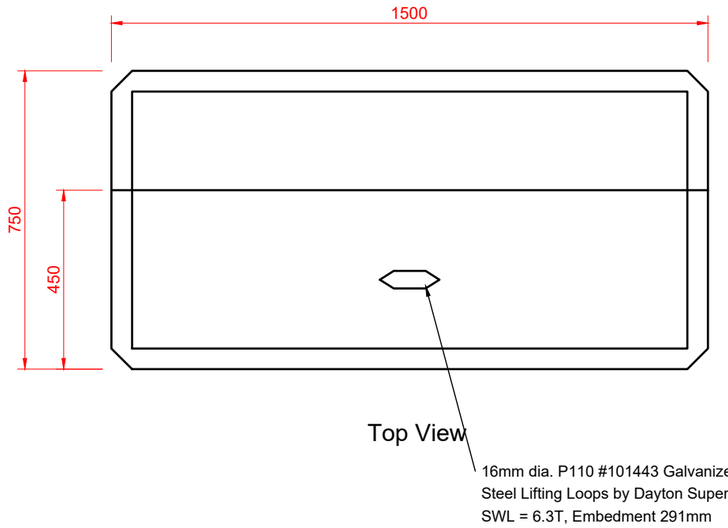
DRAWING NO.

DATE
As per drawing

SHEET
Index

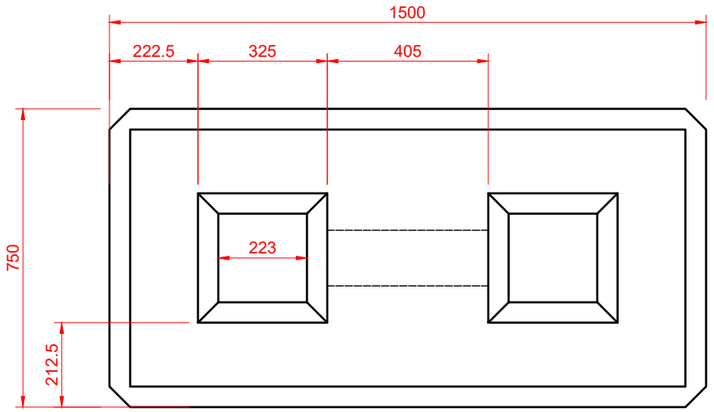
UNITS / SCALE
As per drawing

Request A Quote



Top View

16mm dia. P110 #101443 Galvanized
Steel Lifting Loops by Dayton Superior
SWL = 6.3T, Embedment 291mm



Bottom View

Technical Notes

Property	Required
Minimum 28 Day Compressive Strength	32 MPa
Air Content	5% to 7%
Nominal Maximum Size of Coarse Aggregate	28 mm
Maximum Plasticized Slump	80 +/- 20 mm
Maximum Water/Cementitious Materials Ratio by Weight	0.40
Minimum Cement Content	320 kg/m³
Unit Weight	3375 lbs

1) The interlocking blocks shown in these drawings have been reviewed and approved by McElhanney.
2) McElhanney assumes no responsibility for field reviews or verification of the installation unless expressly retained to do so.
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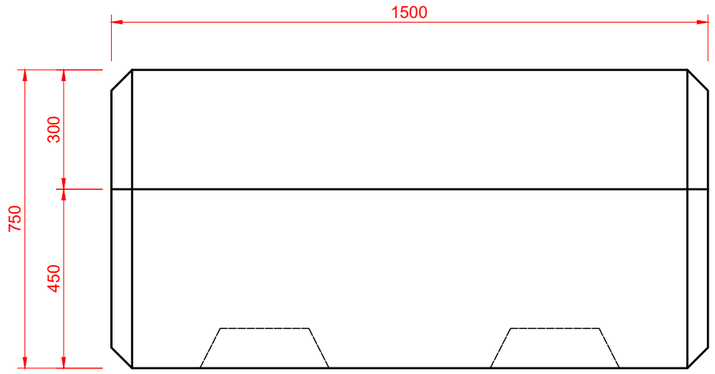
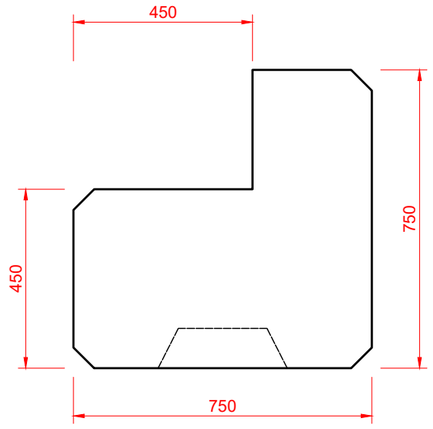
6) Concrete compressive strength shall be at least 17 MPa before stripping forms.

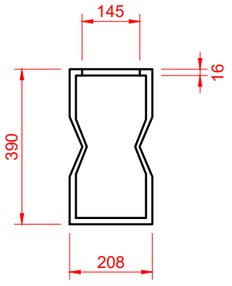


Front View



Side View

P110 Wire Rope Lifting System #101443
by Dayton Superior, SWL = 6.3T
Zinc Coating HDG Class A



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PRODUCT
Interlocking Block
DRAWING
Bench Blocks

WEIGHT
3375 lbs

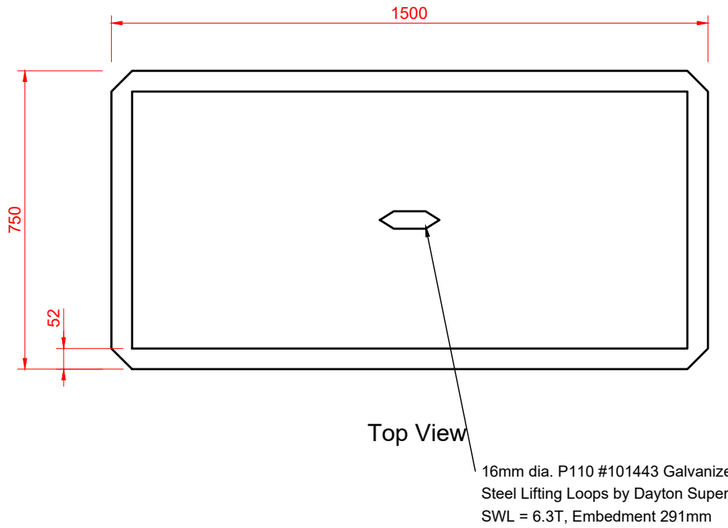
DRAWING NO.
LBBMOT

DATE
11-01-23

SHEET
05 of 8

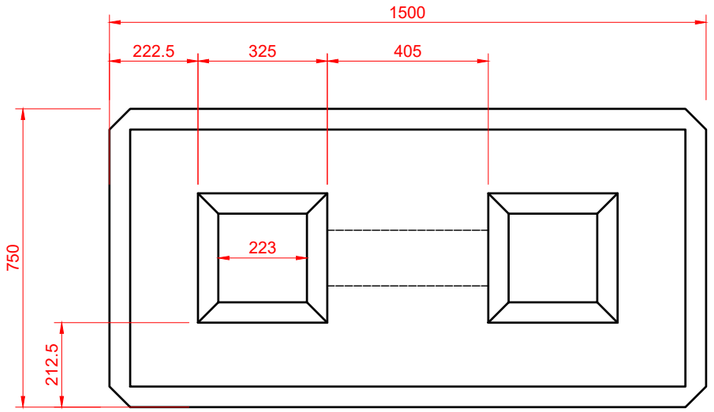
UNITS / SCALE
mm / 1:15

Request A Quote



Top View

16mm dia. P110 #101443 Galvanized
Steel Lifting Loops by Dayton Superior
SWL = 6.3T, Embedment 291mm



Bottom View

Technical Notes

Property	Required
Minimum 28 Day Compressive Strength	32 MPa
Air Content	5% to 7%
Nominal Maximum Size of Coarse Aggregate	28 mm
Maximum Plasticized Slump	80 +/- 20 mm
Maximum Water/Cementitious Materials Ratio by Weight	0.40
Minimum Cement Content	320 kg/m³
Unit Weight	4400 lbs

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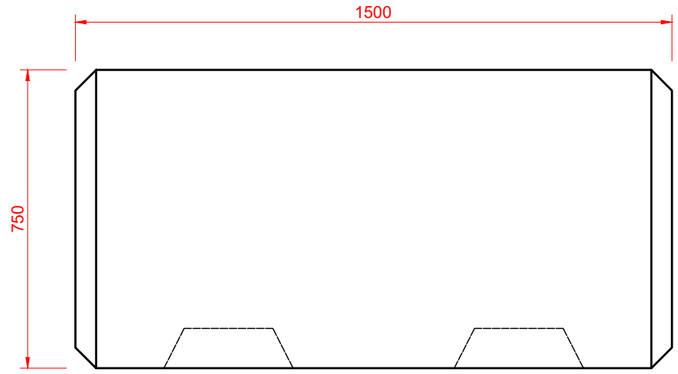
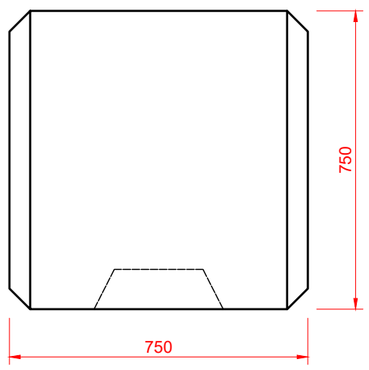


Front View



Side View

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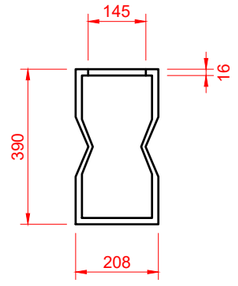
Zinc Coating HDG Class A



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PRODUCT
Interlocking Block

DRAWING
Flat Top Blocks

WEIGHT
4400 lbs

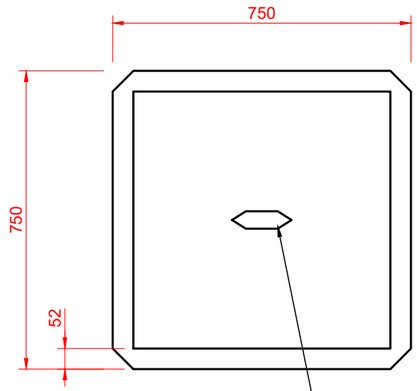
DRAWING NO.
LBFTMOT

DATE
11-01-23

SHEET
02 of 8

UNITS / SCALE
mm / 1:15

Request A Quote



Top View

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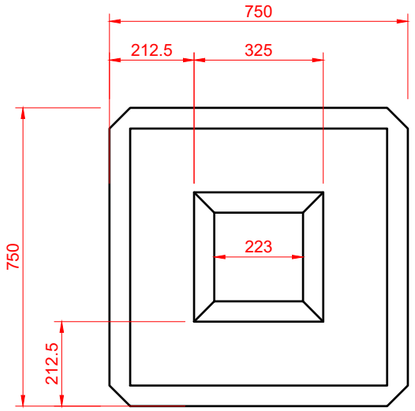
Steel Lifting Loops by Dayton Superior
SWL = 6.3T, Embedment 291mm



Bottom View

Technical Notes

Property	Required
Minimum 28 Day Compressive Strength	32 MPa
Air Content	5% to 7%
Nominal Maximum Size of Coarse Aggregate	28 mm
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Unit Weight	2200 lbs

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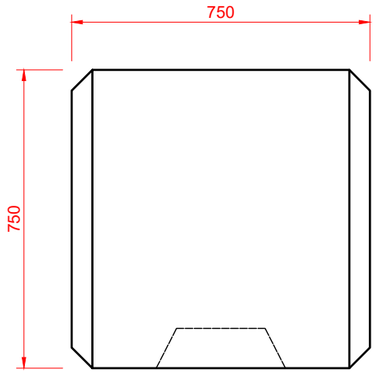
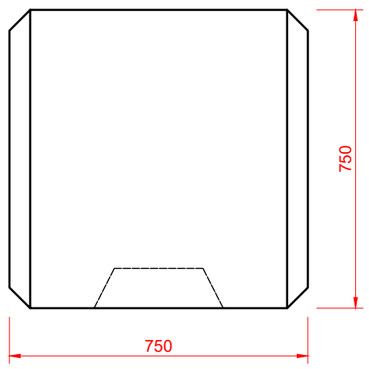
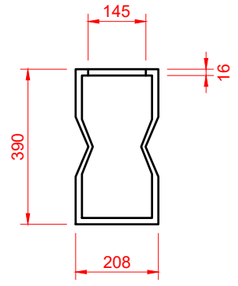


Front View



Side View

P110 Wire Rope Lifting System #101443
by Dayton Superior, SWL = 6.3T
Zinc Coating HDG Class A



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trikonprecast.com

PRODUCT
Interlocking Block

DRAWING
Flat Top Half Blocks

WEIGHT
2200 lbs

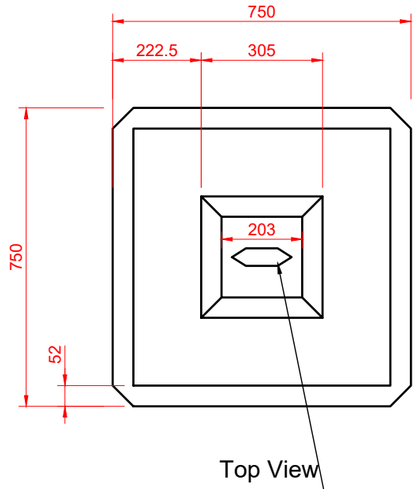
DRAWING NO.
LBHFMOT

DATE
11-01-23

SHEET
04 of 8

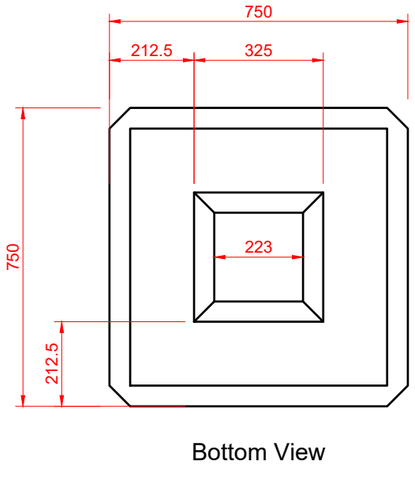
UNITS / SCALE
mm / 1:15

Request A Quote



Top View

16mm dia. P110 #101443 Galvanized
Steel Lifting Loops by Dayton Superior
SWL = 6.3T, Embedment 291mm



Bottom View

Technical Notes

Property	Required
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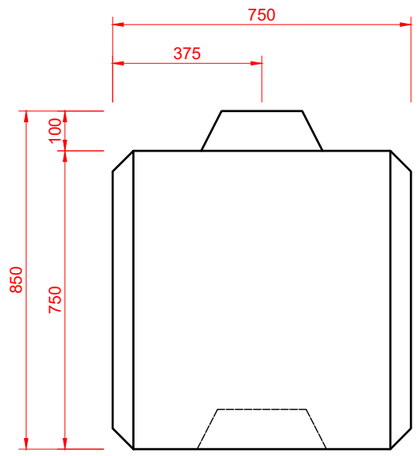
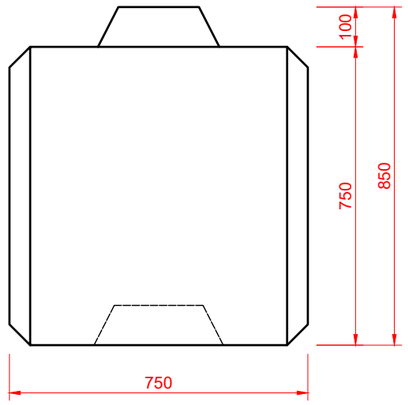
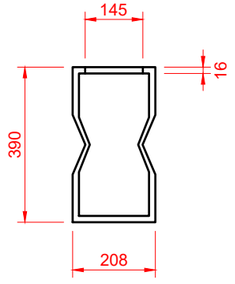


Front View



Side View

P110 Wire Rope Lifting System #101443
by Dayton Superior, SWL = 6.3T
Zinc Coating HDG Class A



Tri-Kon Precast Products Ltd.
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PRODUCT
Interlocking Block
DRAWING
Half Blocks

WEIGHT
2200 lbs

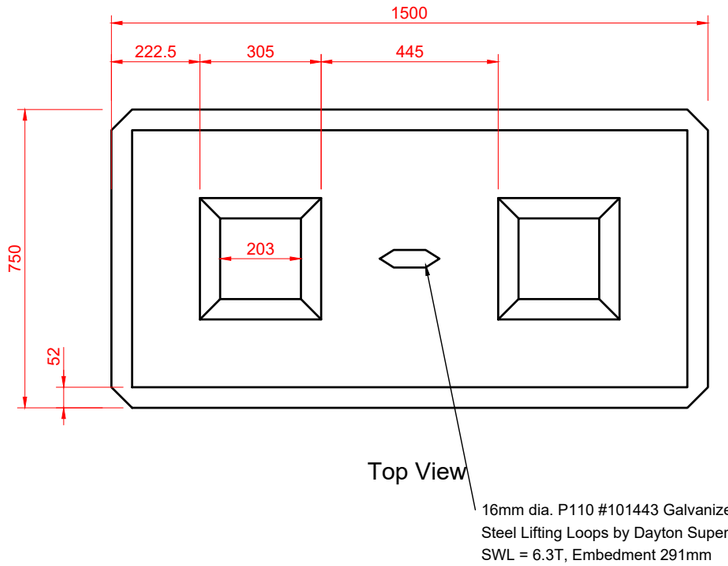
DRAWING NO.
LBHMOT

DATE
11-01-23

SHEET
03 of 8

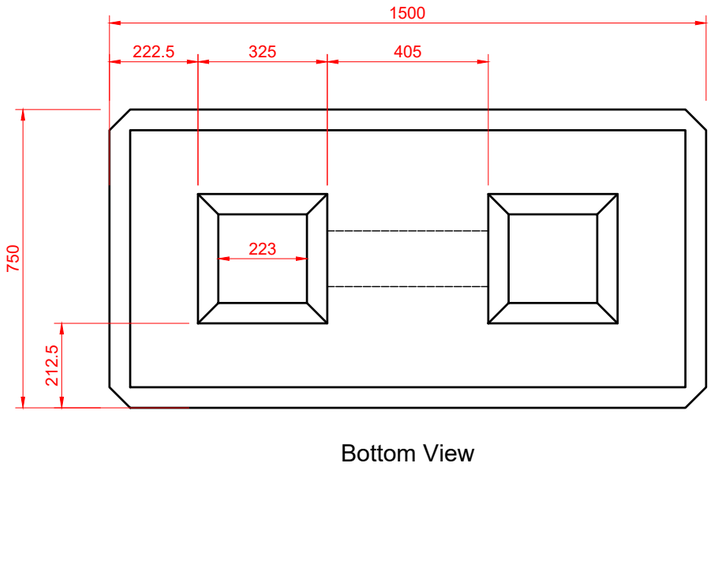
UNITS / SCALE
mm / 1:15

Request A Quote



Top View

16mm dia. P110 #101443 Galvanized
Steel Lifting Loops by Dayton Superior
SWL = 6.3T, Embedment 291mm



Bottom View

Technical Notes

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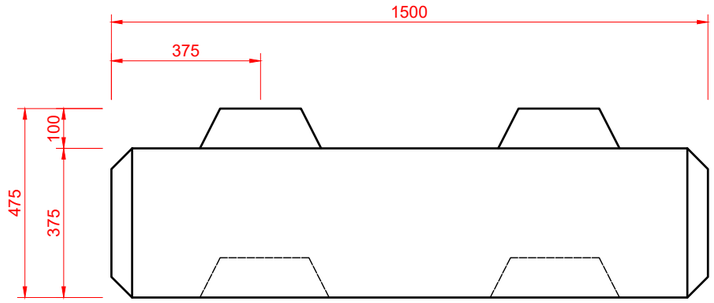
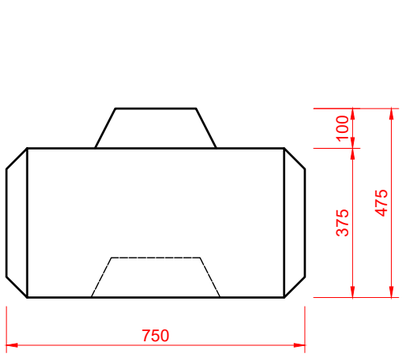
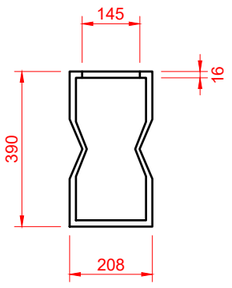


Front View



Side View

P110 Wire Rope Lifting System #101443
by Dayton Superior, SWL = 6.3T
Zinc Coating HDG Class A



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PRODUCT
Interlocking Block

DRAWING
Half Height Blocks

WEIGHT
2200 lbs

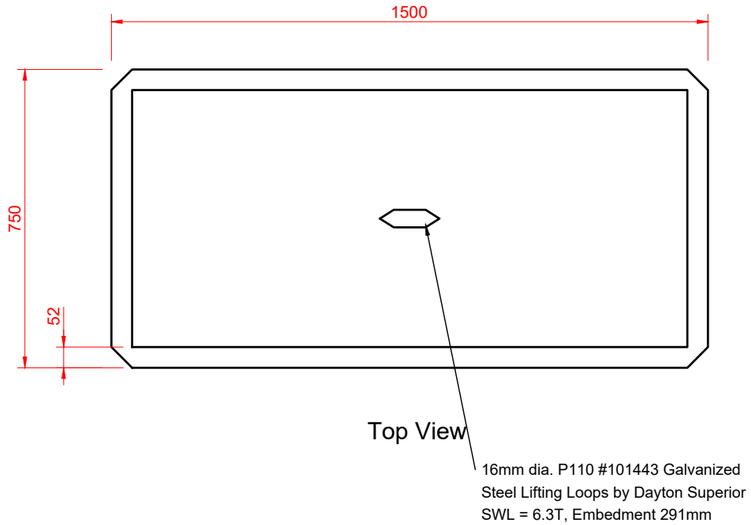
DRAWING NO.
LBHH

DATE
11-01-23

SHEET
06 of 8

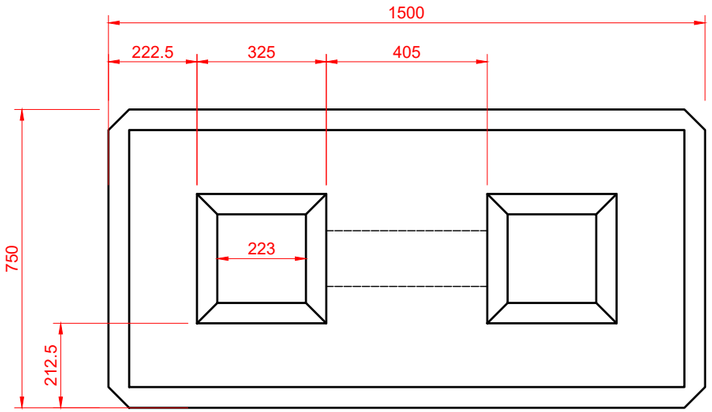
UNITS / SCALE
mm / 1:15

Request A Quote



Top View

16mm dia. P110 #101443 Galvanized
Steel Lifting Loops by Dayton Superior
SWL = 6.3T, Embedment 291mm



Bottom View

Technical Notes

Property	Required
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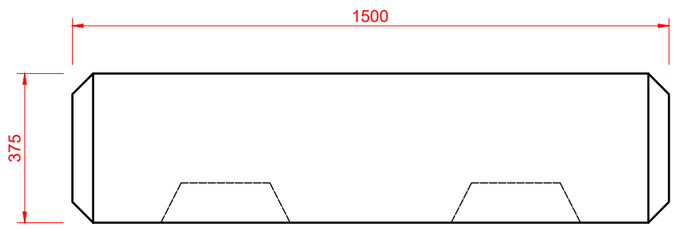
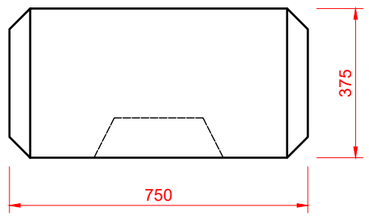
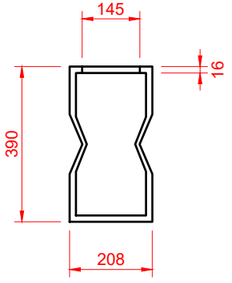


Front View



Side View

P110 Wire Rope Lifting System #101443
by Dayton Superior, SWL = 6.3T
Zinc Coating HDG Class A



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PRODUCT
Interlocking Block
DRAWING
Half Height Flat Top Blocks

WEIGHT
2200 lbs

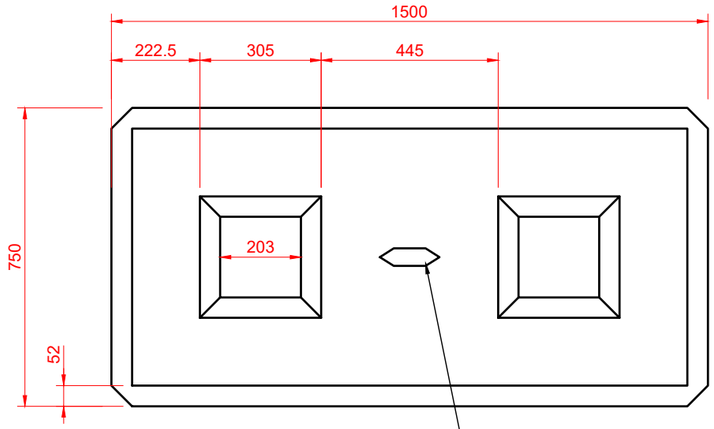
DRAWING NO.
LBHHFT

DATE
11-01-23

SHEET
07 of 8

UNITS / SCALE
mm / 1:15

Request A Quote



Top View

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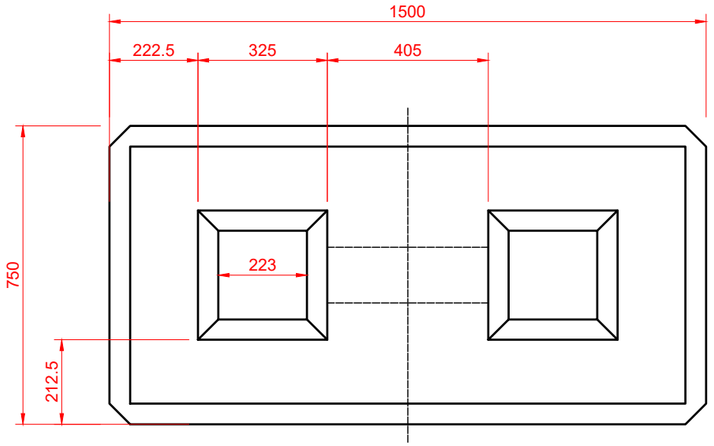
Steel Lifting Loops by Dayton Superior
SWL = 6.3T, Embedment 291mm



Bottom View

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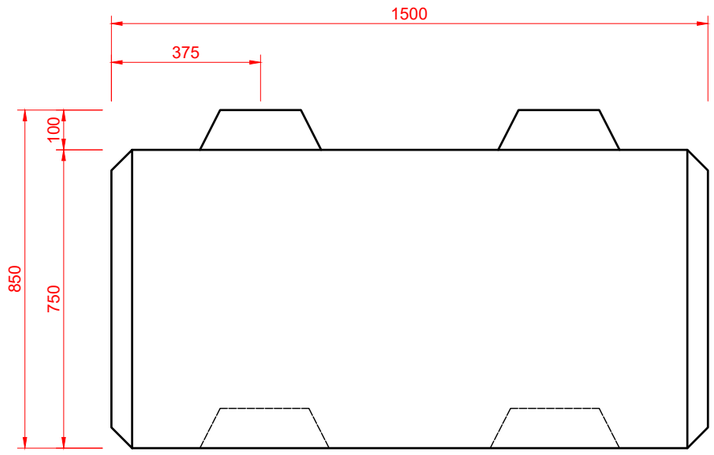
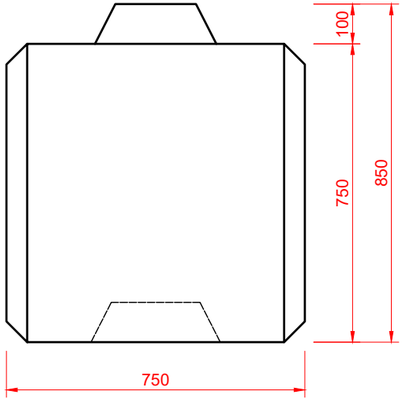
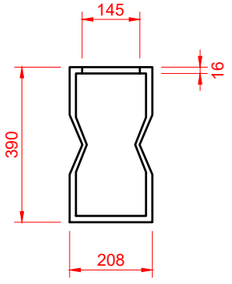


Front View



Side View

P110 Wire Rope Lifting System #101443
by Dayton Superior, SWL = 6.3T
Zinc Coating HDG Class A



Tri-Kon Precast Products Ltd.
601 Patterson Street West
Cranbrook BC V1C 6T3
250-426-8162
info@trikonprecast.com
trikonprecast.com

PRODUCT
Interlocking Block

DRAWING
Interlocking Blocks

WEIGHT
4400 lbs

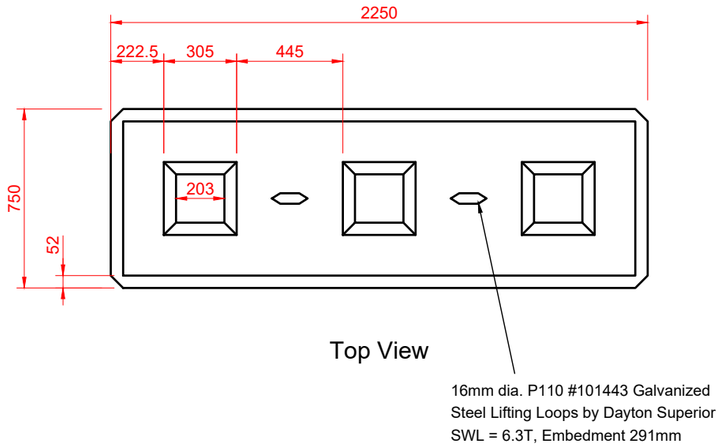
DRAWING NO.
LBSMOT

DATE
11-01-23

SHEET
01 of 8

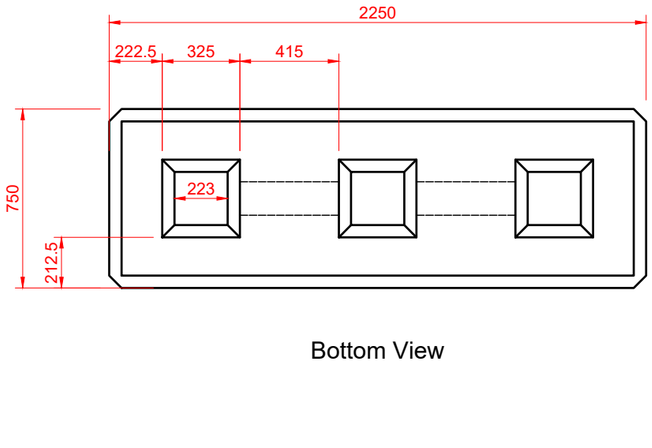
UNITS / SCALE
mm / 1:15

Request A Quote



Top View

16mm dia. P110 #101443 Galvanized
Steel Lifting Loops by Dayton Superior
SWL = 6.3T, Embedment 291mm

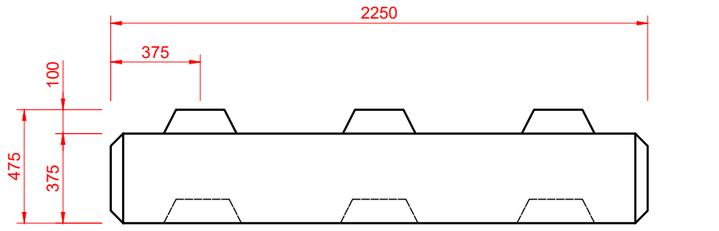


Bottom View

Technical Notes

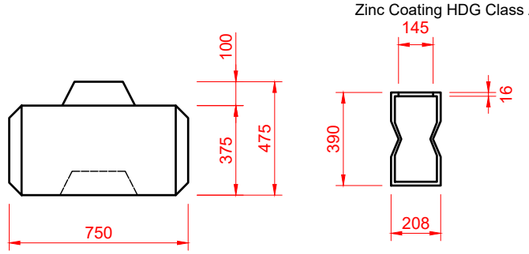
Property	Required
Minimum 28 Day Compressive Strength	32 MPa
Air Content	5% to 7%
Nominal Maximum Size of Coarse Aggregate	28 mm
Maximum Plasticized Slump	80 +/- 20 mm
Maximum Water/Cementitious Materials Ratio by Weight	0.40
Minimum Cement Content	320 kg/m³
Unit Weight	3300 lbs

1) The interlocking blocks shown in these drawings have been reviewed and approved by McElhanney.
2) McElhanney assumes no responsibility for field reviews or verification of the installation unless expressly retained to do so.
3) All concrete work shall be in accordance with specifications and CSA standard CAN/CSA-A23.1/A23.2. For precast work, refer to CSA-23.4.
4) All references to standards shall refer to the latest revised issue.
5) Lifting loops zinc coated strand shall be in accordance with ASTM A475 or CSA G12 Class A zinc coating or approved equal.
6) Concrete compressive strength shall be at least 17 MPa before stripping forms.



Front View

P110 Wire Rope Lifting System #101443
by Dayton Superior, SWL = 6.3T
Zinc Coating HDG Class A



Side View

Tri-Kon Precast Products Ltd.
601 Patterson Street West
Cranbrook BC V1C 6T3
250-426-8162
info@trikonprecast.com
trikonprecast.com

PRODUCT
Interlocking Block
DRAWING
Three Knob Blocks

WEIGHT
3300 lbs

DRAWING NO.

DATE
11-01-23

SHEET
08 of 8

UNITS / SCALE
mm / 1:25

Request A Quote