

Interlocking Block

Standard Drawings

8 drawing sheets
Consistent 11 x 17 landscape catalog

Interlocking blocks that exceed BC MOT specifications. Use them for grade changes along highways and railroads, retaining walls, erosion control on dykes and seawalls, and sound barriers.



Tri-Kon Precast Products Ltd.

601 Patterson Street West
Cranbrook BC V1C 6T3

250-426-8162
info@trikonprecast.com
trikonprecast.com

DRAWING / PRODUCT NAME

Drawing catalog

DESCRIPTION

Interlocking blocks that exceed BC MOT specifications. Use them for grade changes along highways and railroads, retaining walls, erosion control on dykes and seawalls, and sound barriers.

APPROX. WEIGHT - SOURCE VALUES ONLY

Weights are listed on individual sheets where stated in the source.

CATALOG REFERENCE

TK-IB-COVER

SHEET FORMAT

11 x 17 in / Landscape

ORIGINAL SOURCE DATE

Not applicable

SHEET

Cover

UNITS / SCALE

As noted / Do not scale

LAYOUT UPDATED ONLY

2026-10-05

TK

RI

Precast Concrete Products

Interlocking Block

Drawing directory

SHEET INDEX

PRODUCT REFERENCE / DO NOT SCALE

12345678

A

Drawing directory

Select a sheet to open its drawing. Original technical content and source units are retained.

01Interlocking Blocks

02Flat Top Blocks

03Half Blocks

04Flat Top Half Blocks

05Bench Blocks

06Half Height Blocks

07Half Height Flat Top Blocks

08Three Knob Blocks

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CATALOG REFERENCE

TK-IB-INDEX

SHEET FORMAT

11 x 17 in / Landscape

ORIGINAL SOURCE DATE

Not applicable

SHEET

Index / 8 drawings

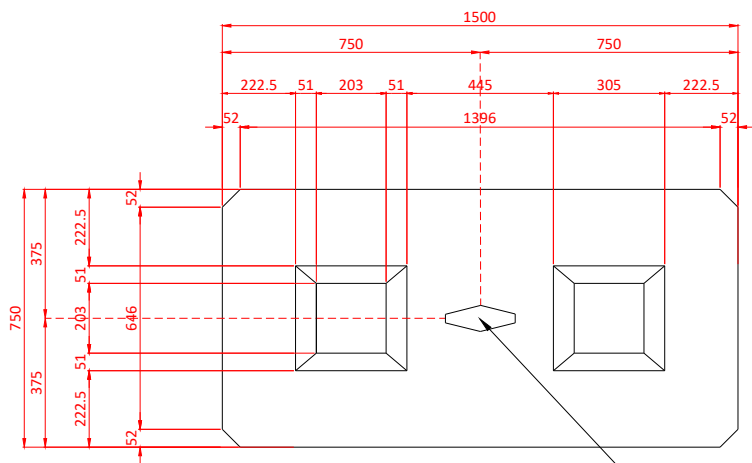
UNITS / SCALE

As noted / Do not scale

LAYOUT UPDATED ONLY

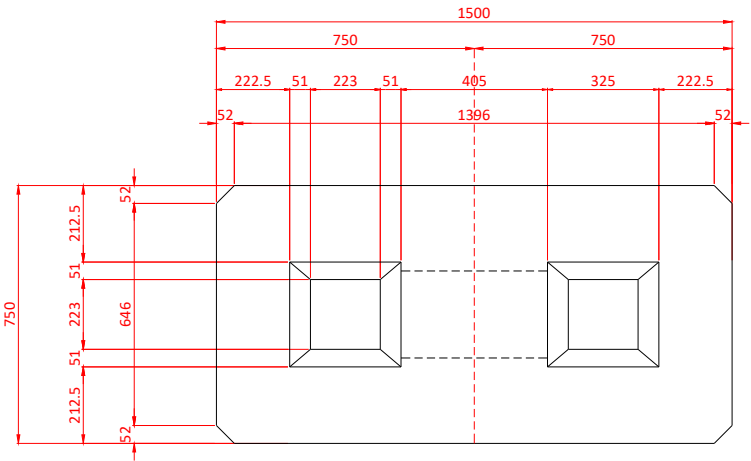
2026-10-05

Technical content unchanged. Confirm specifications and handling weights with Tri-Kon. Project examples are not standard designs. Document layout: Built by Vision (BBV).

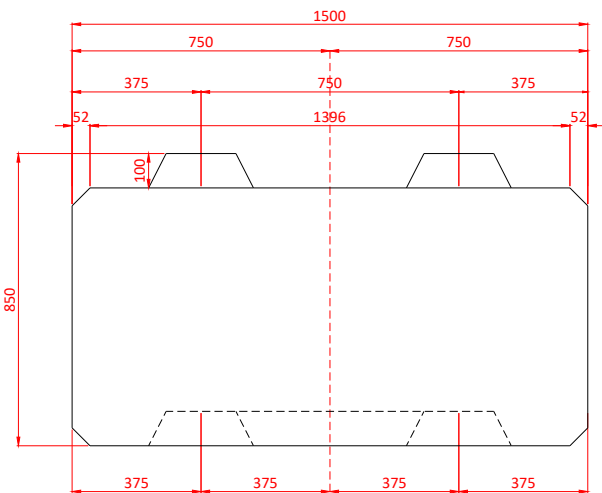


Top View

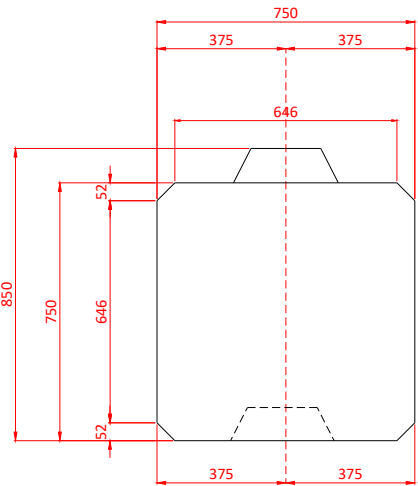
16mm dia, P110 #101443 Galvanized Steel Lifting Loops by Dayton Superior
SWL = 6.3T Embedment 291mm



Bottom View

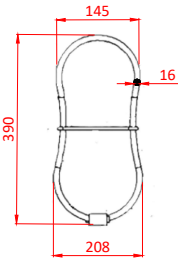


Front View



Side View

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



SOURCE TECHNICAL NOTES

General Notes

PROPERTY	REQ
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

- 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.

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DRAWING / PRODUCT NAME

Interlocking Blocks

DESCRIPTION

Interlocking blocks that exceed BC MOT specifications. Use them for grade changes along highways and railroads, retaining walls, erosion control on dykes and seawalls, and sound barriers.

APPROX. WEIGHT - SOURCE VALUES ONLY

4400 lbs

CATALOG REFERENCE

TK-IB-001

SHEET FORMAT

11 x 17 in / Landscape

ORIGINAL SOURCE DATE

11-01-23

SHEET

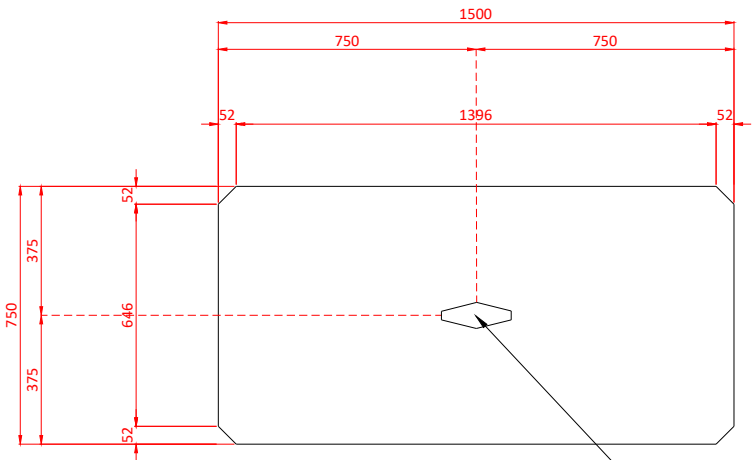
01 / 08

UNITS / SCALE

As noted / Do not scale

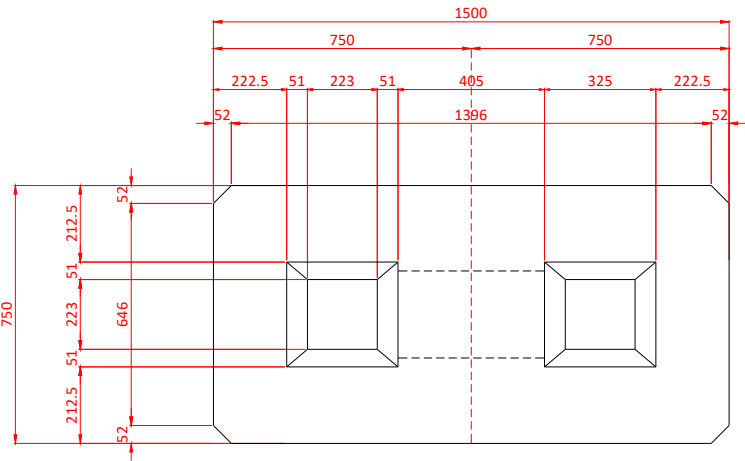
LAYOUT UPDATED ONLY

2026-10-05

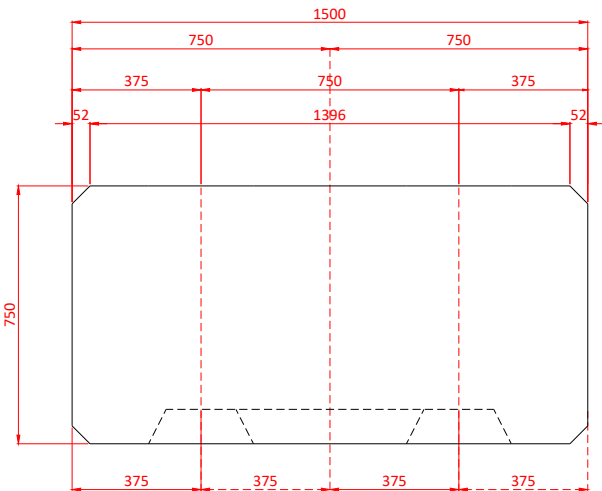


Top View

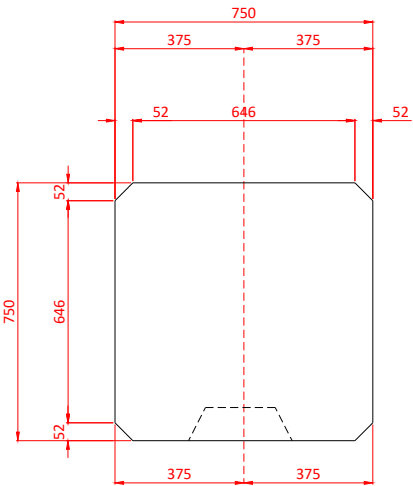
16mm dia, P110 #101443 Galvanized
Steel Lifting Loops by Dayton Superior
SWL = 6.3T Embedment 291mm



Bottom View

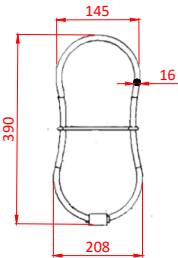


Front View



Side View

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



SOURCE TECHNICAL NOTES

General Notes

PROPERTY	REQ
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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DRAWING / PRODUCT NAME

Flat Top Blocks

DESCRIPTION

Interlocking blocks that exceed BC MOT specifications. Use them for grade changes along highways and railroads, retaining walls, erosion control on dykes and seawalls, and sound barriers.

APPROX. WEIGHT - SOURCE VALUES ONLY

4400 lbs

CATALOG REFERENCE

TK-IB-002

SHEET FORMAT

11 x 17 in / Landscape

ORIGINAL SOURCE DATE

11-01-23

SHEET

02 / 08

UNITS / SCALE

As noted / Do not scale

LAYOUT UPDATED ONLY

2026-10-05

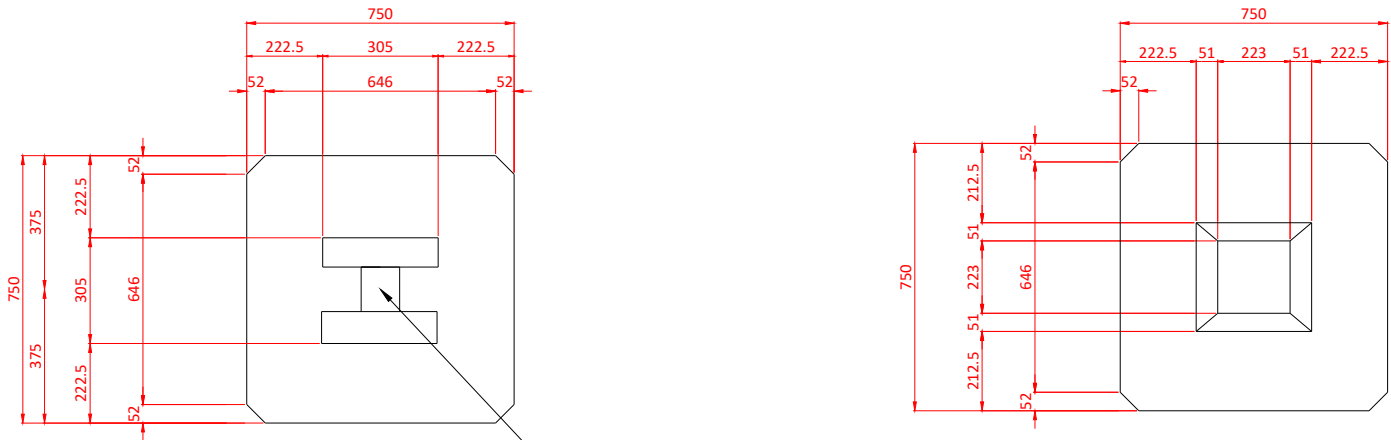


Interlocking Block

Half Blocks

TRI-KON SOURCE

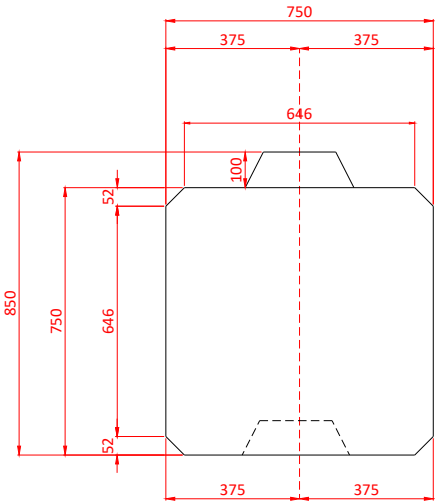
PRODUCT REFERENCE / DO NOT SCALE



Top View

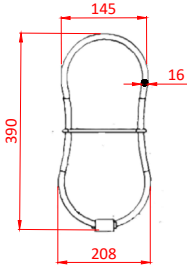
Bottom View

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



Front & Side View

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



SOURCE TECHNICAL NOTES

General Notes

PROPERTY	REQ
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	2200 lbs

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DRAWING / PRODUCT NAME

Half Blocks

DESCRIPTION

Interlocking blocks that exceed BC MOT specifications. Use them for grade changes along highways and railroads, retaining walls, erosion control on dykes and seawalls, and sound barriers.

APPROX. WEIGHT - SOURCE VALUES ONLY

2200 lbs

CATALOG REFERENCE

TK-IB-003

SHEET FORMAT

11 x 17 in / Landscape

ORIGINAL SOURCE DATE

11-01-23

SHEET

03 / 08

UNITS / SCALE

As noted / Do not scale

LAYOUT UPDATED ONLY

2026-10-05

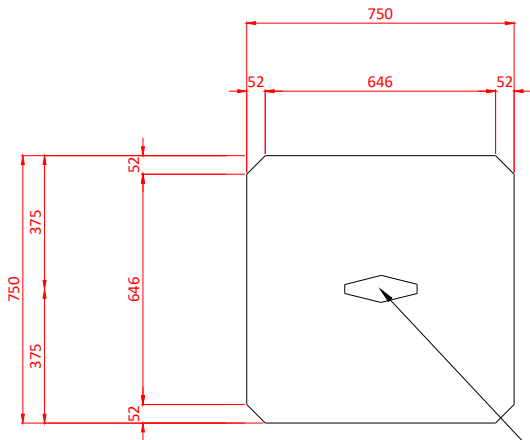


Interlocking Block

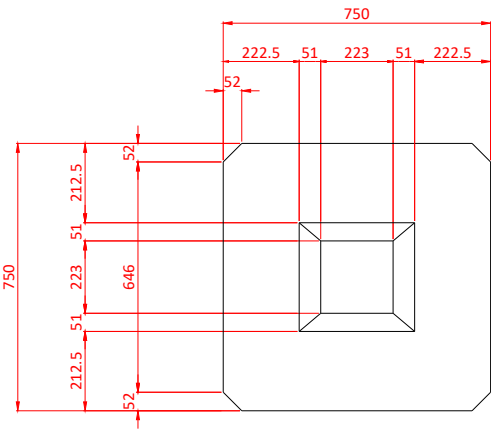
Flat Top Half Blocks

TRI-KON SOURCE

PRODUCT REFERENCE / DO NOT SCALE

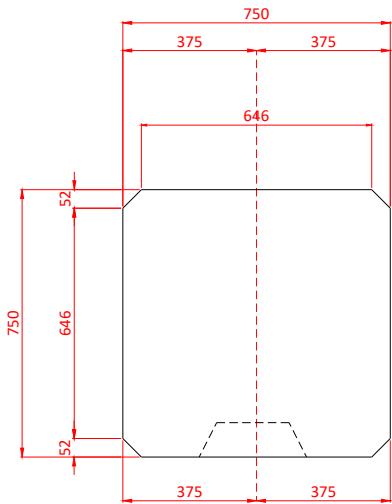


Top View



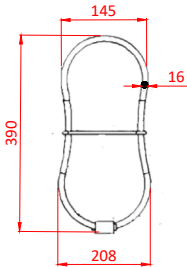
Bottom View

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



Front & Side View

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



SOURCE TECHNICAL NOTES

General Notes

PROPERTY	REQ
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	2200 lbs

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DRAWING / PRODUCT NAME

Flat Top Half Blocks

DESCRIPTION

Interlocking blocks that exceed BC MOT specifications. Use them for grade changes along highways and railroads, retaining walls, erosion control on dykes and seawalls, and sound barriers.

APPROX. WEIGHT - SOURCE VALUES ONLY

2200 lbs

CATALOG REFERENCE

TK-IB-004

SHEET FORMAT

11 x 17 in / Landscape

ORIGINAL SOURCE DATE

11-01-23

SHEET

04 / 08

UNITS / SCALE

As noted / Do not scale

LAYOUT UPDATED ONLY

2026-10-05

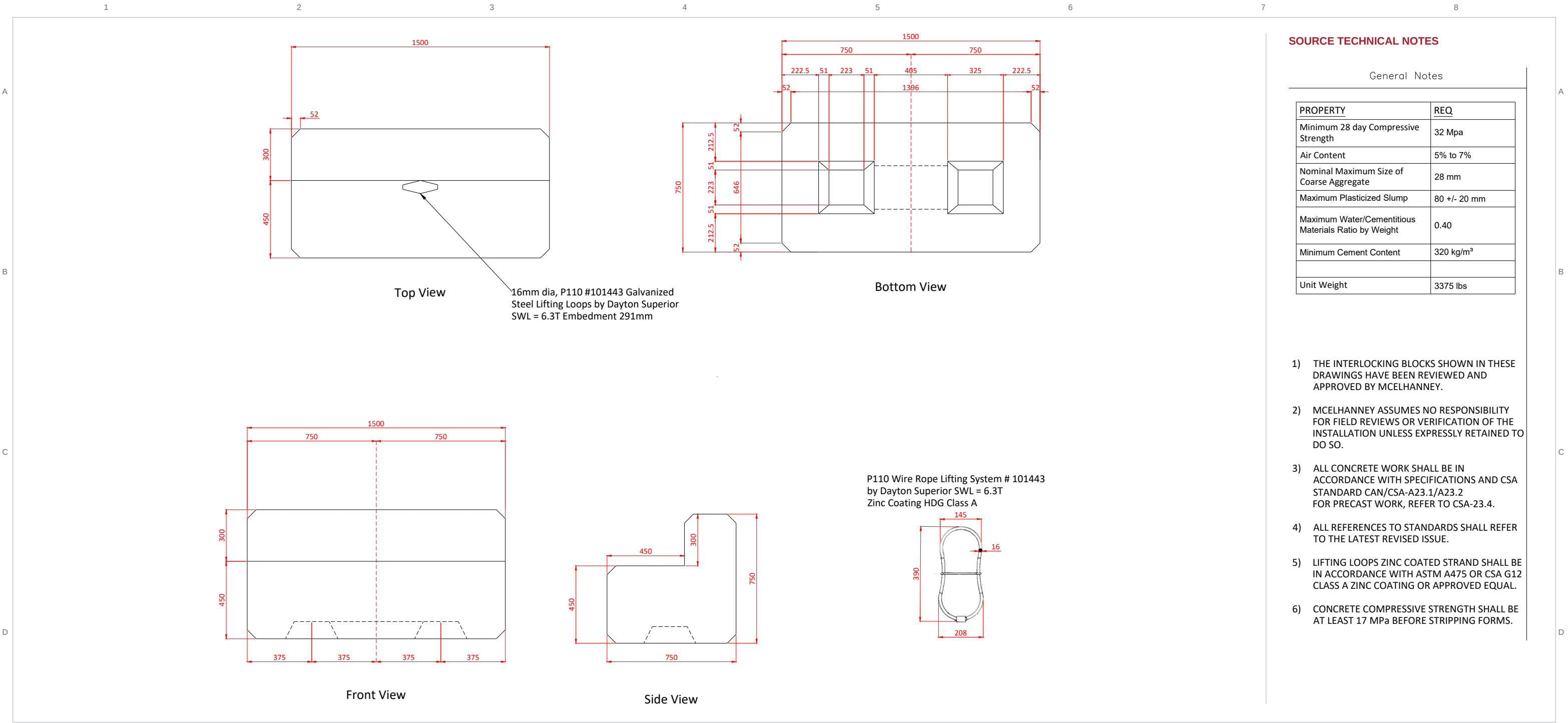


Interlocking Block

Bench Blocks

TRI-KON SOURCE

PRODUCT REFERENCE / DO NOT SCALE



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DRAWING / PRODUCT NAME

Bench Blocks

DESCRIPTION

Interlocking blocks that exceed BC MOT specifications. Use them for grade changes along highways and railroads, retaining walls, erosion control on dykes and seawalls, and sound barriers.

APPROX. WEIGHT - SOURCE VALUES ONLY

3375 lbs

CATALOG REFERENCE

TK-IB-005

SHEET FORMAT

11 x 17 in / Landscape

ORIGINAL SOURCE DATE

11-01-23

SHEET

05 / 08

UNITS / SCALE

As noted / Do not scale

LAYOUT UPDATED ONLY

2026-10-05

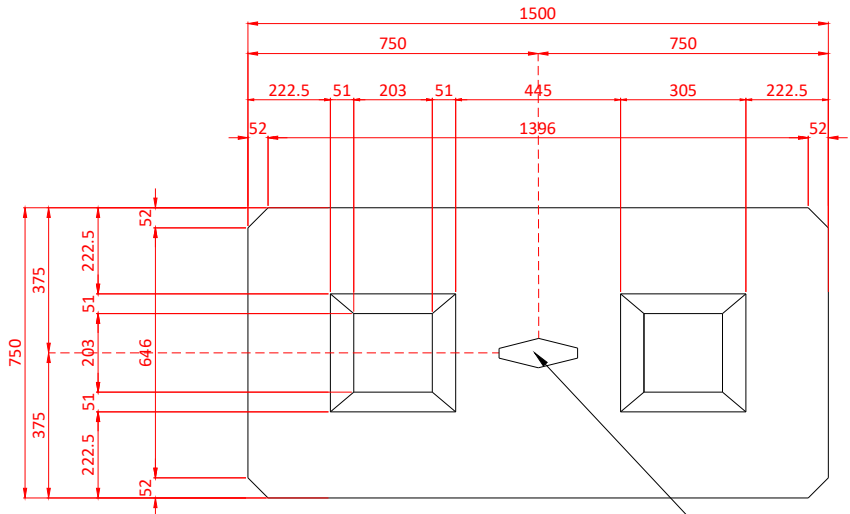


Interlocking Block

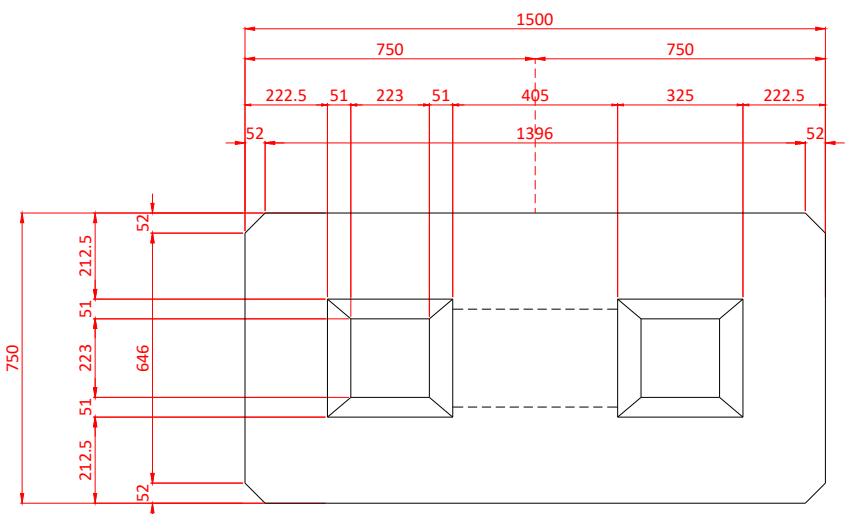
Half Height Blocks

TRI-KON SOURCE

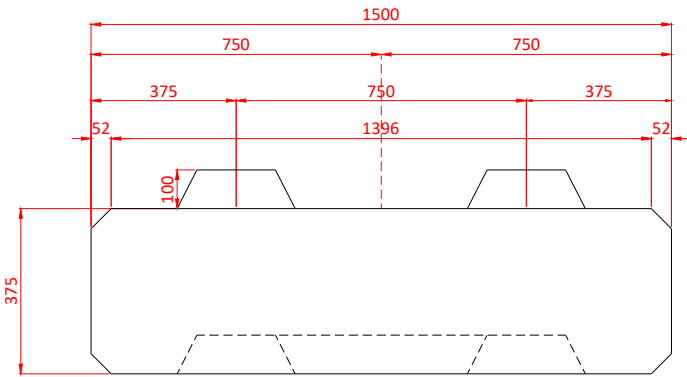
PRODUCT REFERENCE / DO NOT SCALE



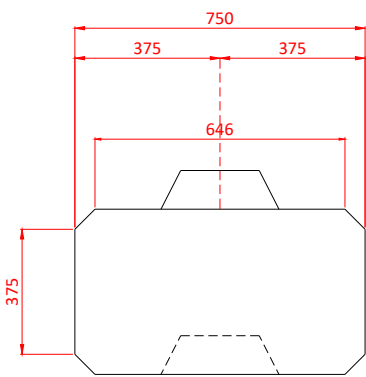
Top View



Bottom View

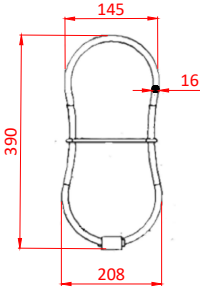


Front View



Side View

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



SOURCE TECHNICAL NOTES

General Notes

PROPERTY	REQ
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	2200 lbs

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DRAWING / PRODUCT NAME

Half Height Blocks

DESCRIPTION

Interlocking blocks that exceed BC MOT specifications. Use them for grade changes along highways and railroads, retaining walls, erosion control on dykes and seawalls, and sound barriers.

APPROX. WEIGHT - SOURCE VALUES ONLY

2200 lbs

CATALOG REFERENCE

TK-IB-006

SHEET FORMAT

11 x 17 in / Landscape

ORIGINAL SOURCE DATE

11-01-23

SHEET

06 / 08

UNITS / SCALE

As noted / Do not scale

LAYOUT UPDATED ONLY

2026-10-05

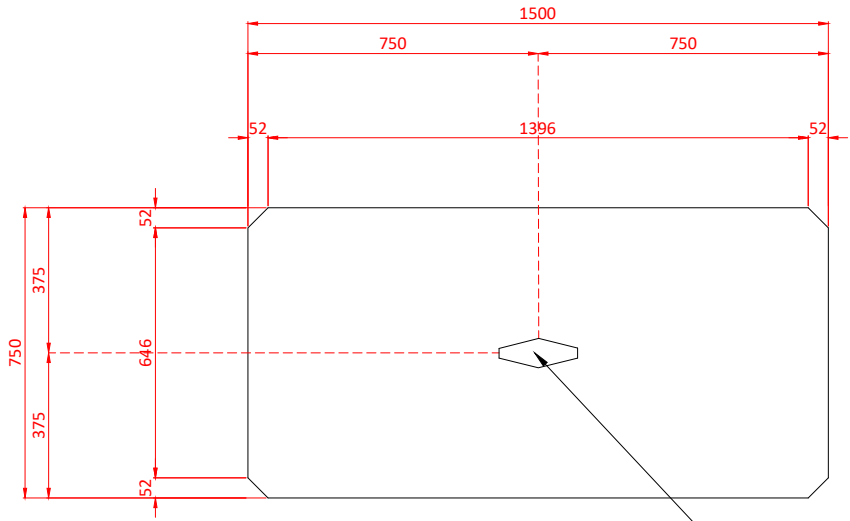


Interlocking Block

Half Height Flat Top Blocks

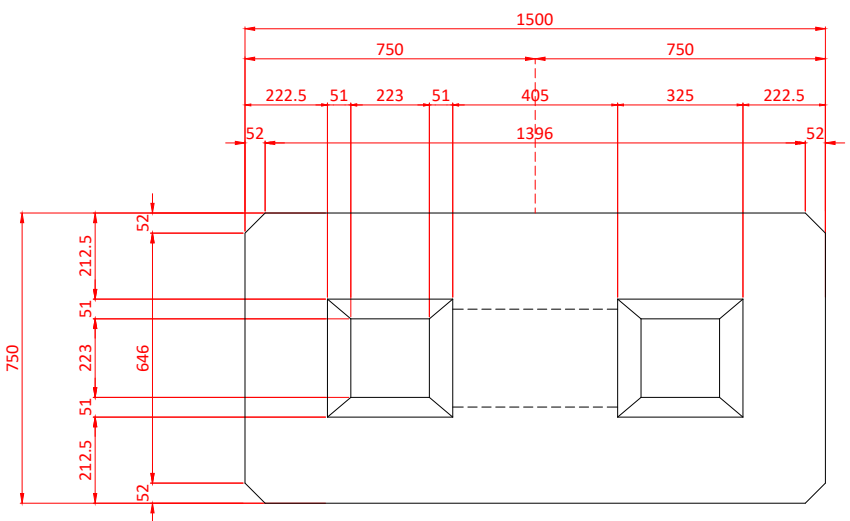
TRI-KON SOURCE

PRODUCT REFERENCE / DO NOT SCALE

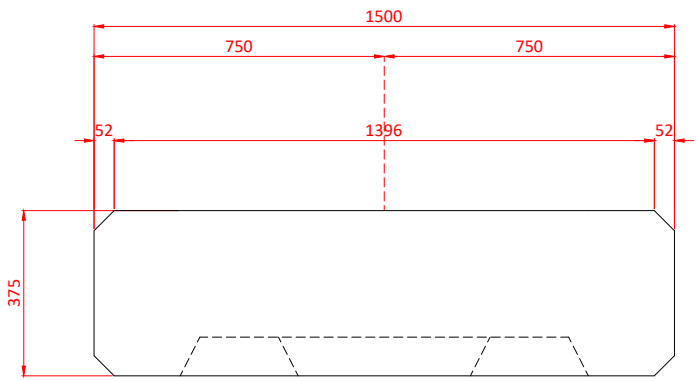


Top View

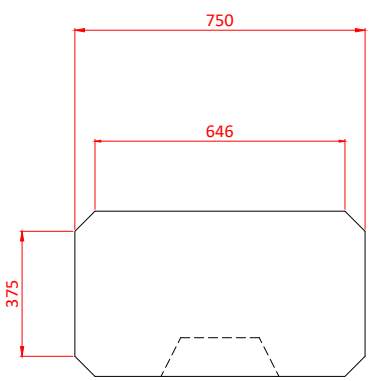
16mm dia, P110 #101443 Galvanized Steel Lifting Loops by Dayton Superior SWL = 6.3T Embedment 291mm



Bottom View

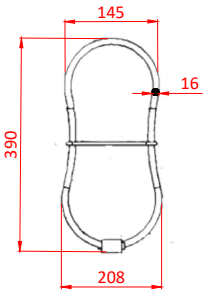


Front View



Side View

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



SOURCE TECHNICAL NOTES

General Notes

PROPERTY	REQ
Minimum 28 day Compressive Strength	32 Mpa
Air Content	5% to 7%
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DRAWING / PRODUCT NAME

Half Height Flat Top Blocks

DESCRIPTION

Interlocking blocks that exceed BC MOT specifications. Use them for grade changes along highways and railroads, retaining walls, erosion control on dykes and seawalls, and sound barriers.

APPROX. WEIGHT - SOURCE VALUES ONLY

2200 lbs

CATALOG REFERENCE

TK-IB-007

SHEET FORMAT

11 x 17 in / Landscape

ORIGINAL SOURCE DATE

11-01-23

SHEET

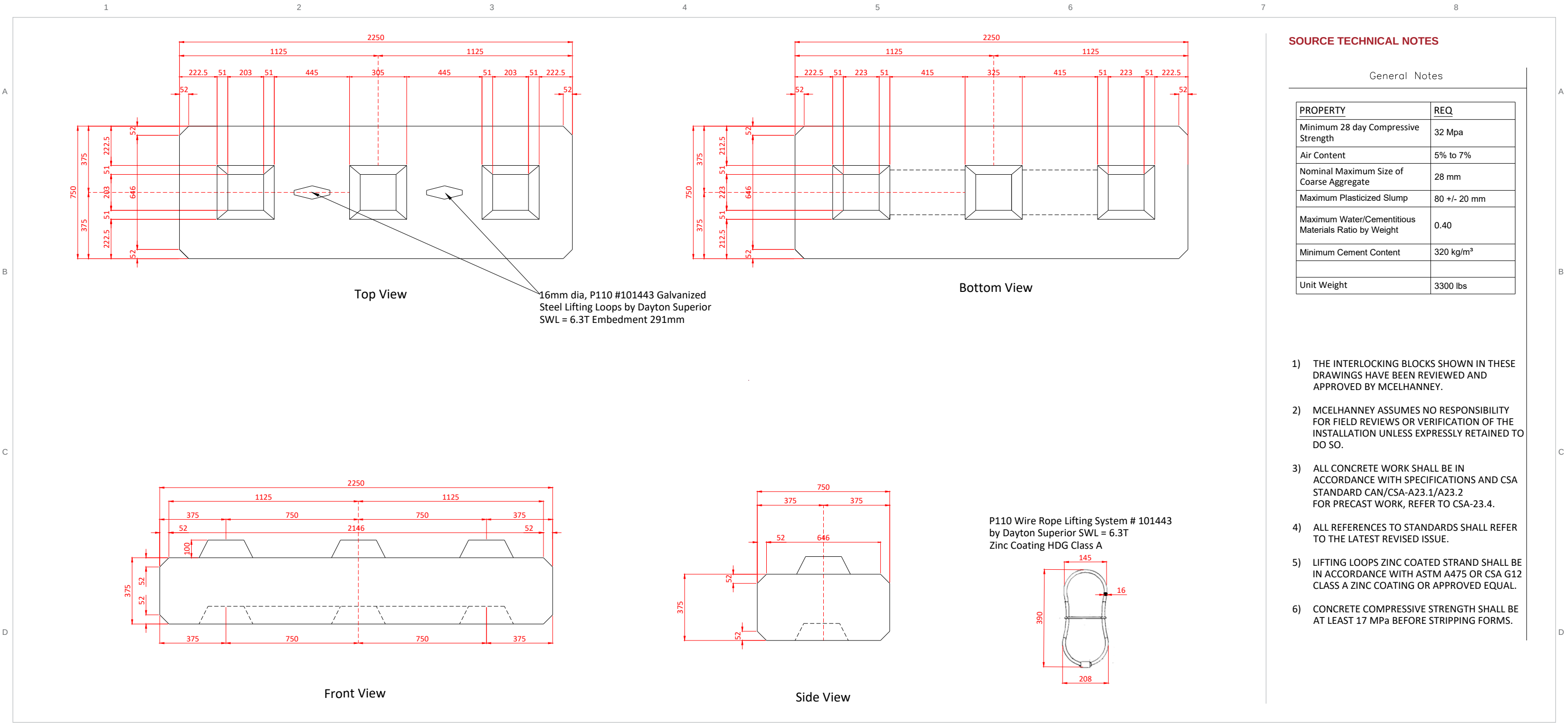
07 / 08

UNITS / SCALE

As noted / Do not scale

LAYOUT UPDATED ONLY

2026-10-05



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info@trikonprecast.com
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DRAWING / PRODUCT NAME

Three Knob Blocks

DESCRIPTION

Interlocking blocks that exceed BC MOT specifications. Use them for grade changes along highways and railroads, retaining walls, erosion control on dykes and seawalls, and sound barriers.

APPROX. WEIGHT - SOURCE VALUES ONLY

3300 lbs

CATALOG REFERENCE

TK-IB-008

SHEET FORMAT

11 x 17 in / Landscape

ORIGINAL SOURCE DATE

11-01-23

SHEET

08 / 08

UNITS / SCALE

As noted / Do not scale

LAYOUT UPDATED ONLY

2026-10-05