

DURASTONE

Precast Concrete Products for Highways

DURASTONE makes the "right now" delivery of precast concrete curbing products a reality. We've accelerated our entire manufacturing process with the introduction of a massive, unique machine that produces zero slump concrete curbing that attains a strength of nearly 8,000 psi in 28 days. This process eliminates both waiting through curing periods and the costly special handling necessary in old-fashioned production methods. We can mass produce vastly superior precast concrete curbing in record time.

Along with our curbing, we manufacture the following products:

- Precast Curb
- Square Catch Basins
- Square Manholes
- F-Shape Barrier
- TL-4 Barrier
- Grease Traps
- Septic Tanks
- Oil/Water Separators
- Box Culverts
- Light Pole Bases
- Retaining Walls
- Boat Ramp Slabs
- Car Stops
- Specialty Items

If you have any questions regarding these products or would like a quote, please feel free to give us a call at (401) 723-7100.

When you need curbing tomorrow, call DURASTONE today!

DURASTONE CORPORATION is an NPCA Certified manufacturer of precast concrete products.

See us on the web at www.durastonecorporation.com



DURASTONE
CORPORATION

150 Higginson
Avenue Lincoln RI

Phone
(401)723-7100
TOLL FREE
1-877-393-CURB

Fax
(401)723-6866

email
durastone@aol.com



ZERO SLUMP CONCRETE MIX DESIGN

MATERIALS

Materials will meet the requirements of the following sections:

| | |
|-------------------------------|-------------|
| Portland Cement (Type II/III) | AASHTO M85 |
| Coarse Aggregate | AASHTO M80 |
| Fine Aggregate | AASHTO M6 |
| Admixtures | AASHTO M194 |
| Reinforcement & Dowels | ASTM A615 |

Coarse Aggregate gradation to conform to AASHTO M34 designation #67 or #68, or ASTM C33, Size #67

CONCRETE MIX DESIGN

Concrete mix used in the manufacture of Zero Slump Precast Concrete Curb will attain a minimum compressive strength of 5,000 psi in 28 days.

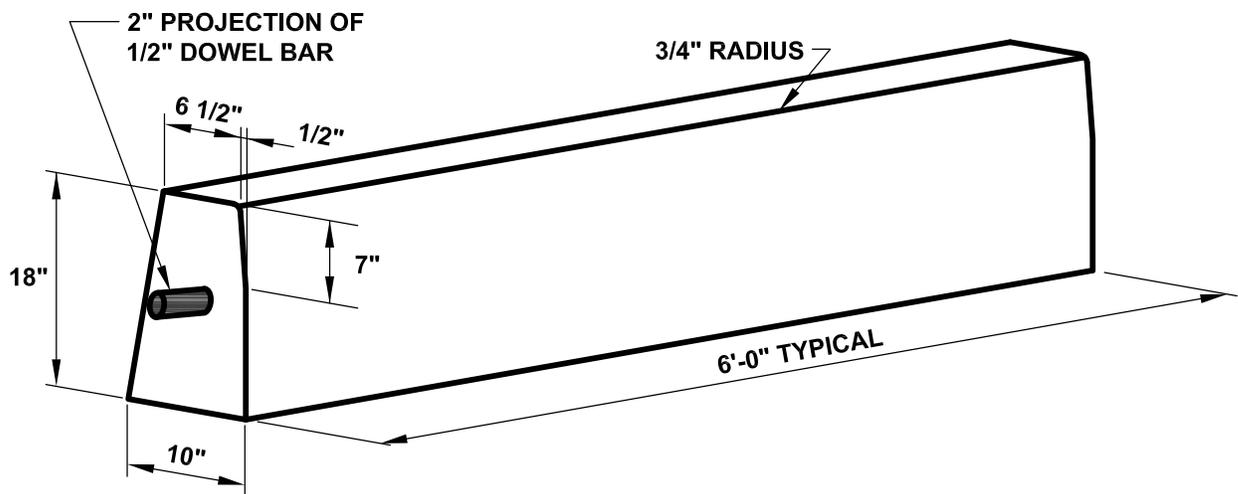
The following standard mix design is as approved by RIDOT and produces one cubic yard (27 ft³) of a 5,000 psi, zero slump mix with 6% entrained air.

| | |
|---------------------------|-----------|
| Coarse Aggregate ¾" | 1,550 lbs |
| Fine Aggregate | 1,665 lbs |
| Portland Cement | 564 lbs |
| Air Entrainment Admixture | 7 oz |
| Slump | 0 in |

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PRECAST CONCRETE CURB



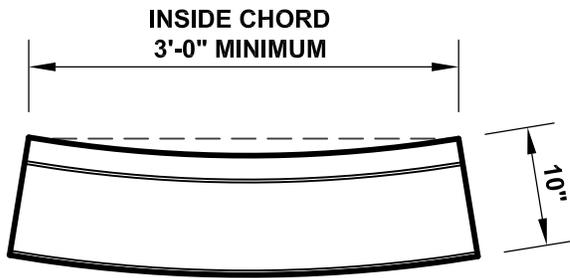
STANDARD SPECIFICATIONS

1. MAXIMUM LENGTHS USING 8' & 10' RADII WITH 90° ANGLE ARE 4'-2" AND 5'-3", RESPECTIVELY
2. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER SEGMENT IS 4'-0"
3. CIRCULAR CURB USED IN CURVES WITH A RADIUS OF 120' OR LESS. STRAIGHT CURB USED IN CURVES WITH RADIUS GREATER THAN 120'.
4. SMOOTH SPONGE FINISH ON EXPOSED SURFACES
5. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX
6. CONFORMS TO RI STANDARD 7.1.0

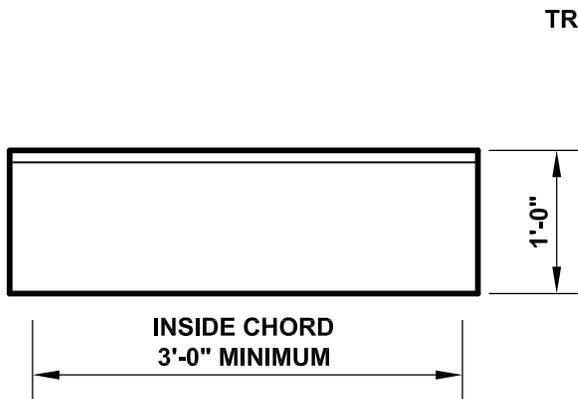
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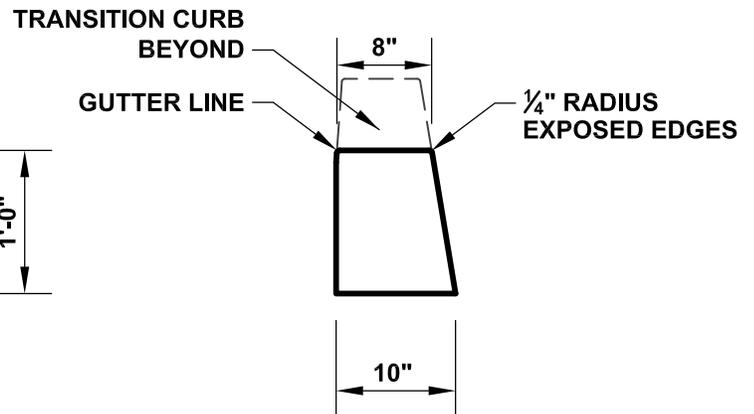
PRECAST CONCRETE RAMP STONE



PLAN



ELEVATION



SECTION

STANDARD SPECIFICATIONS

1. EXPOSED SURFACES TO HAVE SMOOTH SPONGE FLOAT FINISH.
2. EXPOSED EDGES RECEIVE 1/4" RADIUS.
3. CONFORMS TO RI STANDARD 7.1.9.
4. WHEELCHAIR RAMP TRANSITION CURBS ARE SEPARATE ITEMS.

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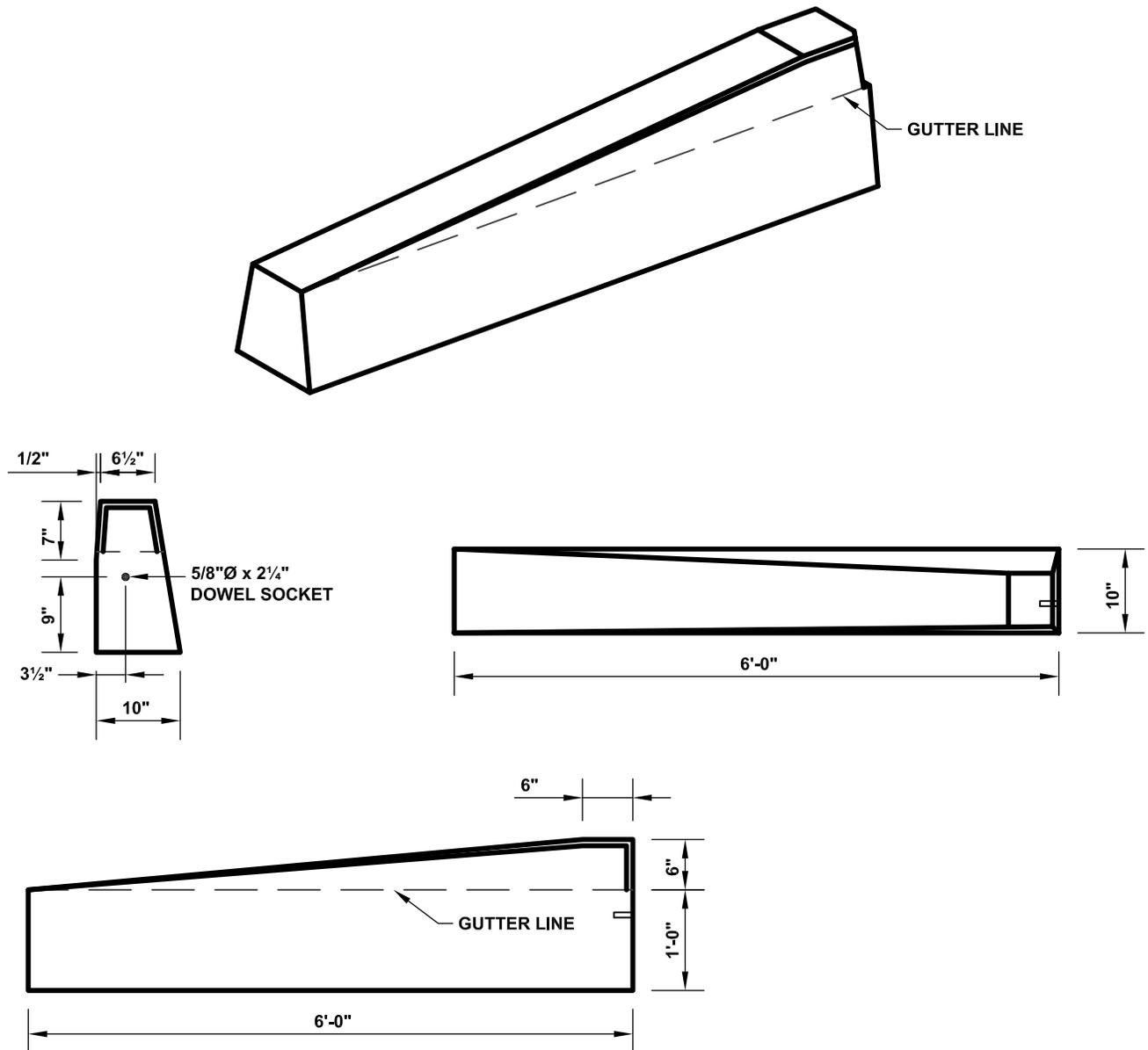
ARC LENGTHS OF CIRCULAR CURB

| RADIUS | 90° ARC LENGTH | NO. PIECES | LENGTH EACH PIECE | DEC. EQUIV. |
|---------|----------------|------------|-------------------|-------------|
| 2'-0" | 3'-1½" | 1 | 3'-1½" | 3.125 |
| 3'-0" | 4'-8½" | 1 | 4'-8½" | 4.708 |
| 4'-0" | 6'-3¾" | 2 | 3'-1¾" | 3.135 |
| 5'-0" | 7'-10¼" | 2 | 3'-11" | 3.917 |
| 6'-0" | 9'-5" | 2 | 4'-8½" | 4.708 |
| 8'-0" | 12'-6¾" | 3 | 4'-2½" | 4.208 |
| 10'-0" | 15'-8½" | 3 | 5'-2¾" | 5.229 |
| 12'-0" | 18'-10⅞" | 4 | 4'-8½" | 4.708 |
| 15'-0" | 23'-6¾" | 4 | 5'-10¼" | 5.854 |
| 20'-0" | 31'-5" | 6 | 5'-2½" | 5.208 |
| 25'-0" | 39'-3 ¼" | 8 | 4'-11" | 4.917 |
| 30'-0" | 47'-1½" | 9 | 5'-2¾" | 5.229 |
| 40'-0" | 62'-5⅞" | 10 | 6'-0" | 6.000 |
| 50'-0" | 78'-6½" | 13 | 6'-0" | 6.000 |
| 60'-0" | 94'-2⅞" | 16 | 6'-0" | 6.000 |
| 70'-0" | 109'-11⅜" | 18 | 6'-0" | 6.000 |
| 80'-0" | 125'-7⅞" | 21 | 6'-0" | 6.000 |
| 90'-0" | 141'-4⅜" | 24 | 6'-0" | 6.000 |
| 100'-0" | 153'-7⅞" | 26 | 6'-0" | 6.000 |
| 110'-0" | 172'-9½" | 26 | 6'-0" | 6.000 |
| 120'-0" | 188'-6" | 31 | 6'-0" | 6.000 |

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6'-0" TRANSITION CURB



STANDARD SPECIFICATIONS

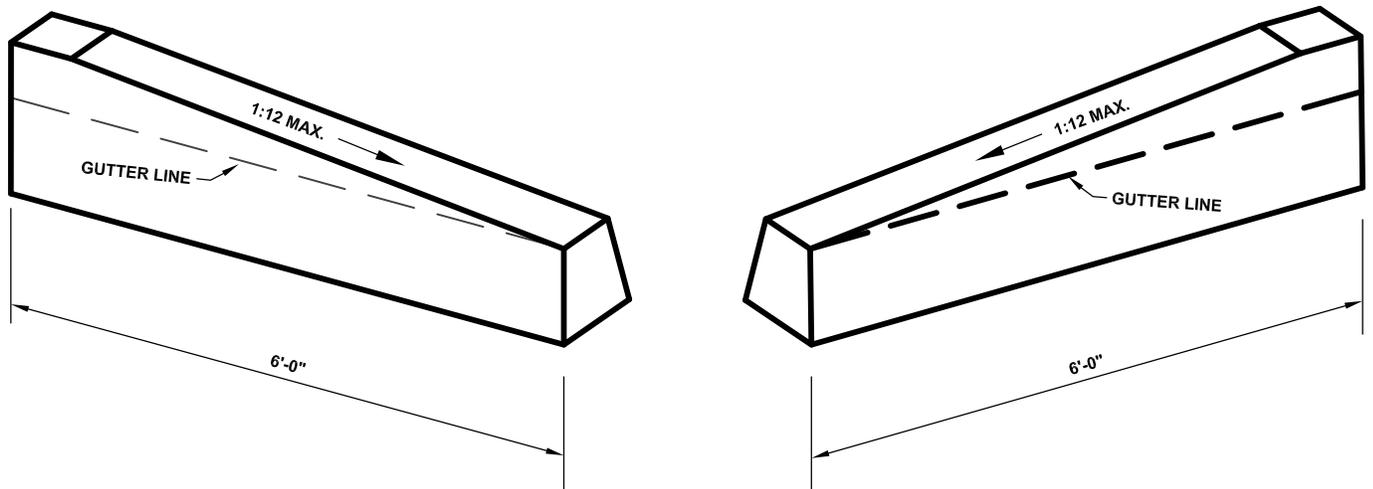
1. ONE DIRECTION TRANSITION SHOWN. OPP. HAND SIMILAR.
2. EXPOSED SURFACES TO HAVE SMOOTH SPONGE FLOAT FINISH.
3. EXPOSED EDGES RECEIVE 3/4" CHAMFER.
4. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
5. CONFORMS TO RI STANDARD 7.1.2.

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WHEELCHAIR RAMP TRANSITION CURBS



STANDARD SPECIFICATIONS

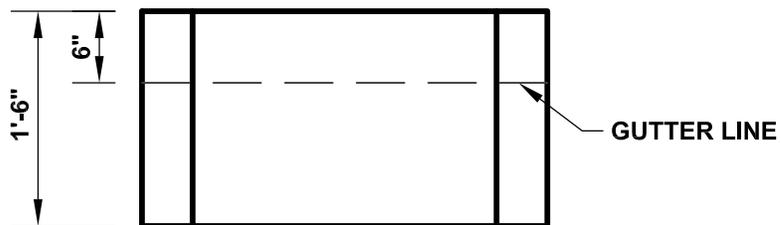
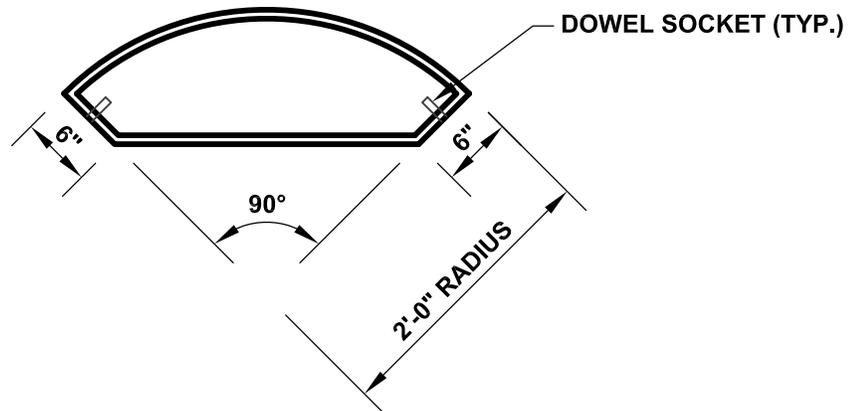
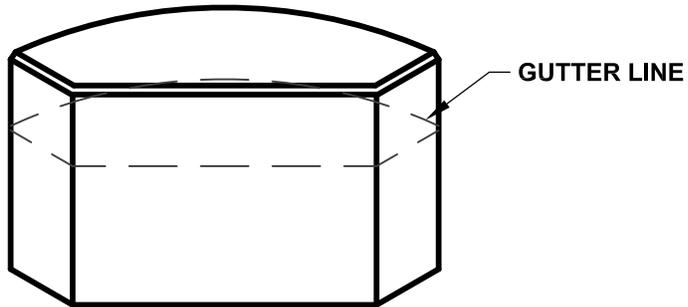
1. EXPOSED SURFACES TO HAVE SMOOTH SPONGE FLOAT FINISH.
2. EXPOSED EDGES RECEIVE 3/4" CHAMFER.
3. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
4. CONFORMS TO RI STANDARD 43.3.0.
5. SPECIFY SLOPE AND LEFT, RIGHT, OR SET.
6. PRECAST CONCRETE RAMP STONE SEPARATE ITEM.

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2'-0" RADIUS CORNER



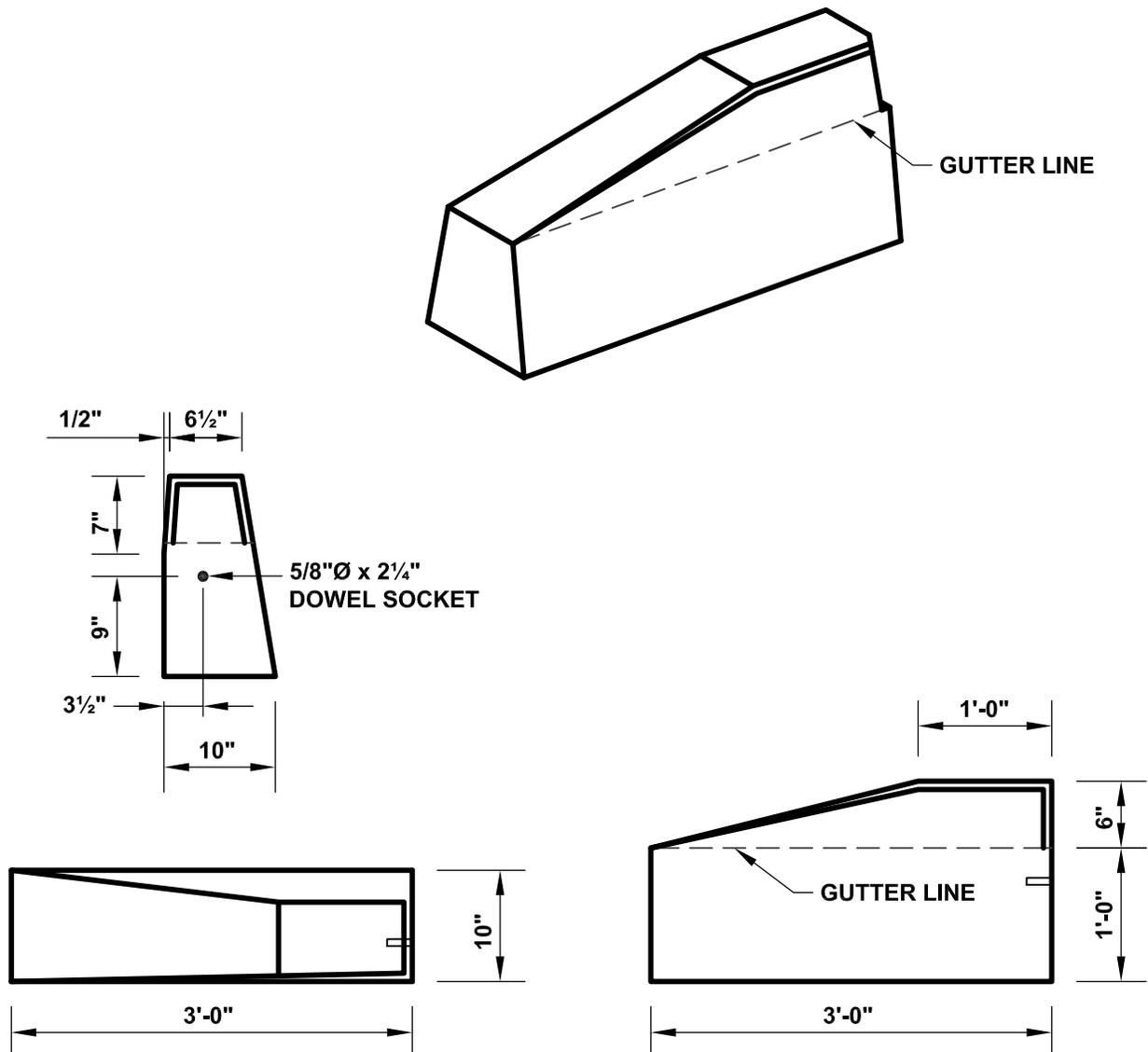
STANDARD SPECIFICATIONS

1. EXPOSED SURFACES TO HAVE SMOOTH SPONGE FLOAT FINISH.
2. EXPOSED EDGES RECEIVE 3/4" CHAMFER.
3. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
4. CONFORMS TO RI STANDARD 7.1.4.

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3'-0" TRANSITION CURB



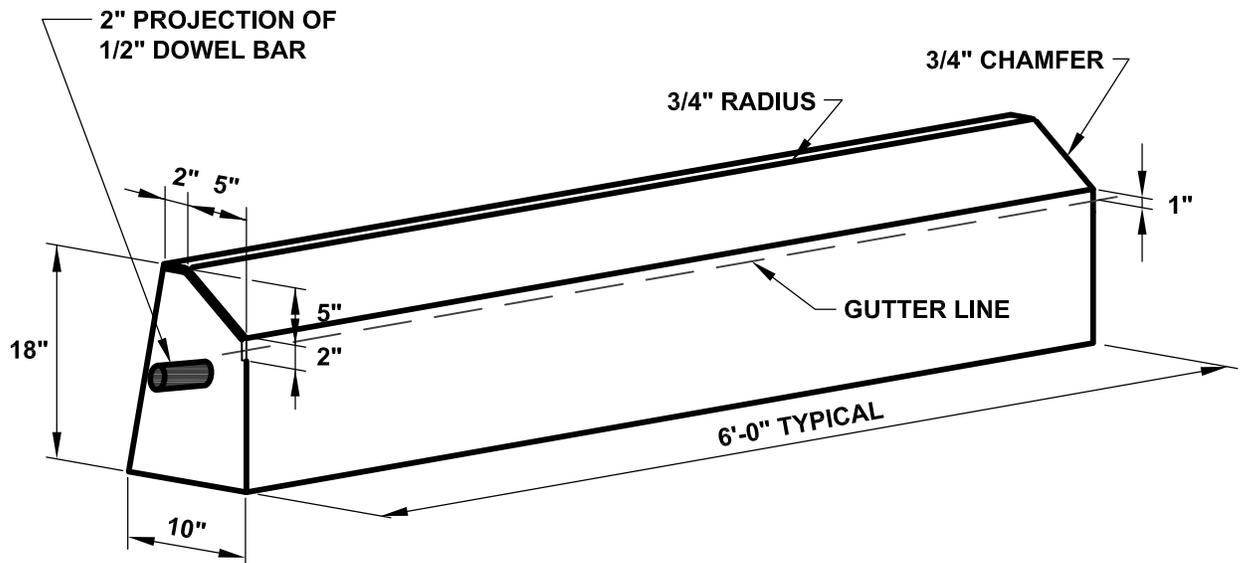
STANDARD SPECIFICATIONS

1. ONE DIRECTION TRANSITION SHOWN. OPP. HAND SIMILAR.
2. EXPOSED SURFACES TO HAVE SMOOTH SPONGE FLOAT FINISH.
3. EXPOSED EDGES RECEIVE 3/4" CHAMFER.
4. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
5. CONFORMS TO RI STANDARD 7.1.1.

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PRECAST CONCRETE CURB SLOPE FACED



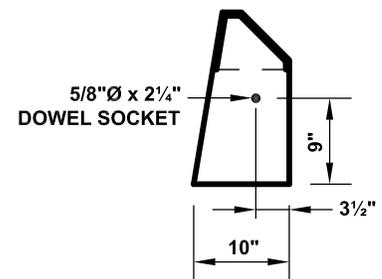
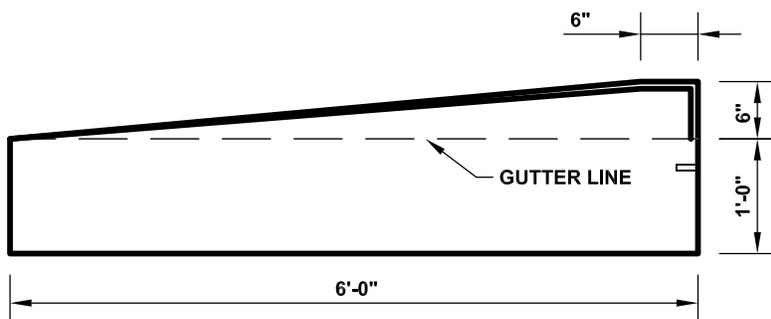
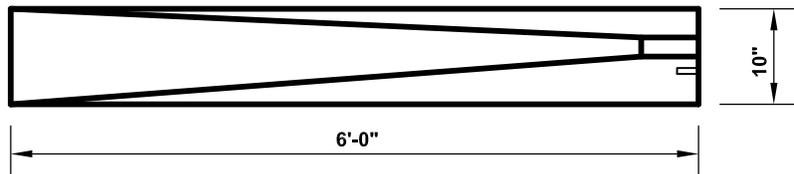
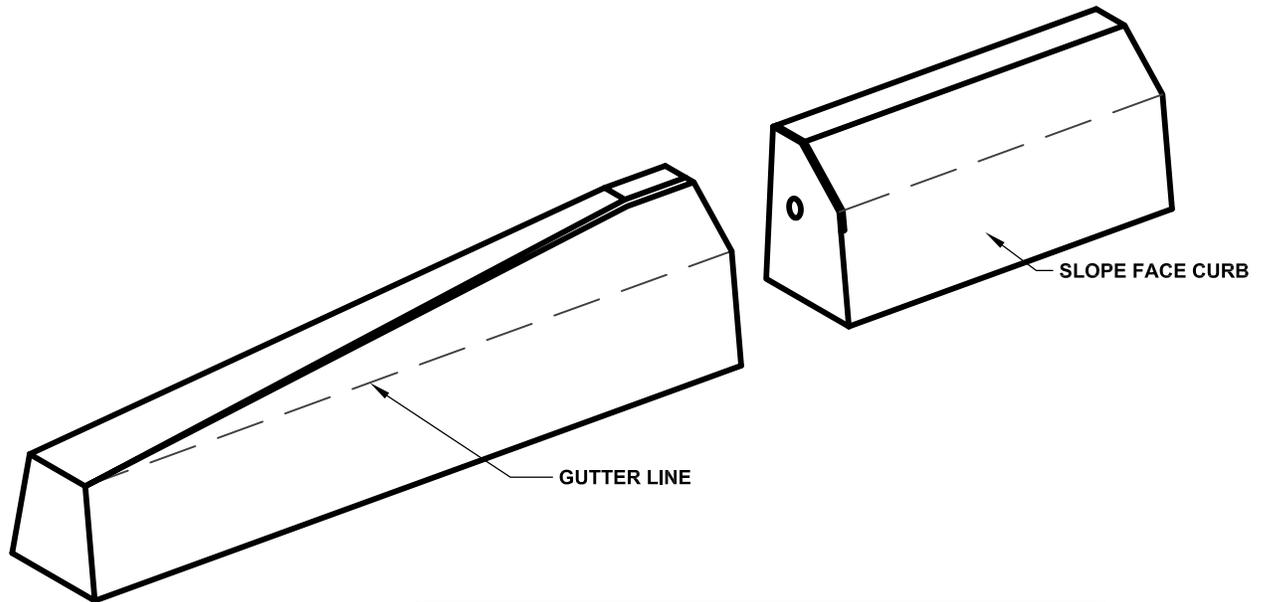
STANDARD SPECIFICATIONS

1. MAXIMUM LENGTHS USING 8' & 10' RADII WITH 90° ANGLE ARE 4'-2" AND 5'-3", RESPECTIVELY.
2. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER SEGMENT IS 4'-0".
3. CIRCULAR CURB USED IN CURVES WITH A RADIUS OF 120' OR LESS. STRAIGHT CURB USED IN CURVES WITH RADIUS GREATER THAN 120'.
4. SMOOTH SPONGE FINISH ON EXPOSED SURFACES.
5. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
6. CONFORMS TO RI STANDARD 7.2.0

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SLOPED FACE TRANSITION CURB



STANDARD SPECIFICATIONS

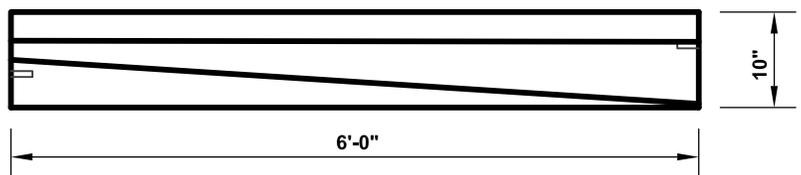
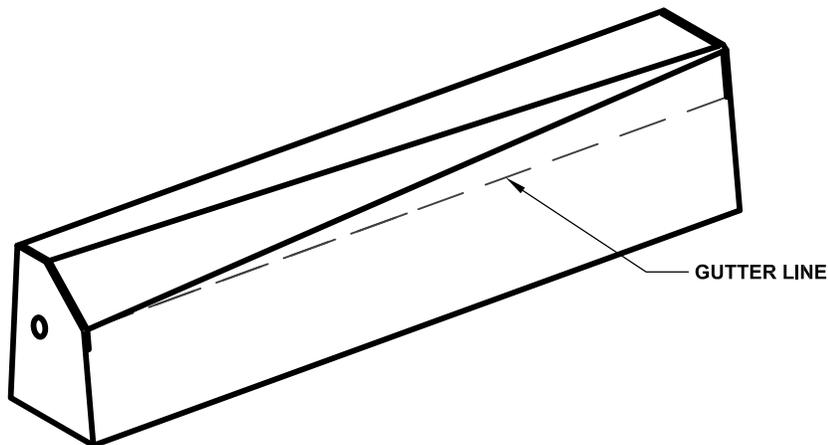
1. ONE DIRECTION TRANSITION SHOWN. OPP. HAND SIMILAR.
2. EXPOSED SURFACES TO HAVE SPONGE FLOAT FINISH.
3. EXPOSED EDGES RECEIVE 3/4" CHAMFER.
4. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
5. CONFORMS TO RI STANDARD 7.2.1.

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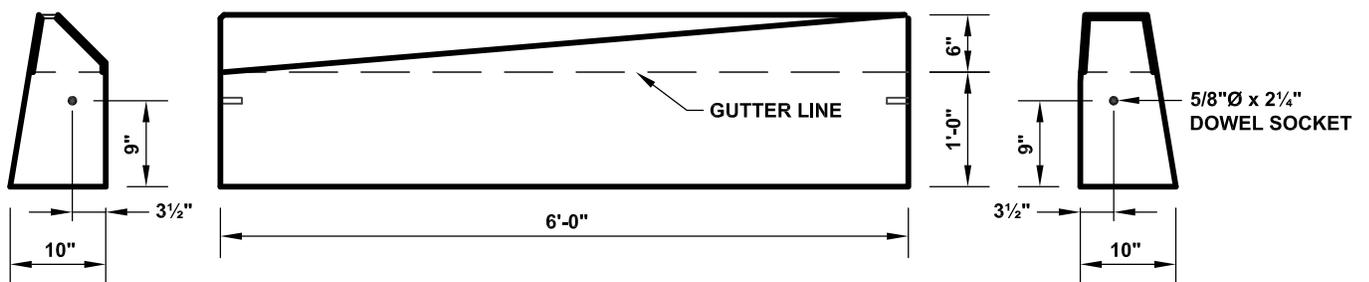
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VERTICAL FACE TO SLOPE FACE TRANSITION CURB



PLAN



ELEVATION

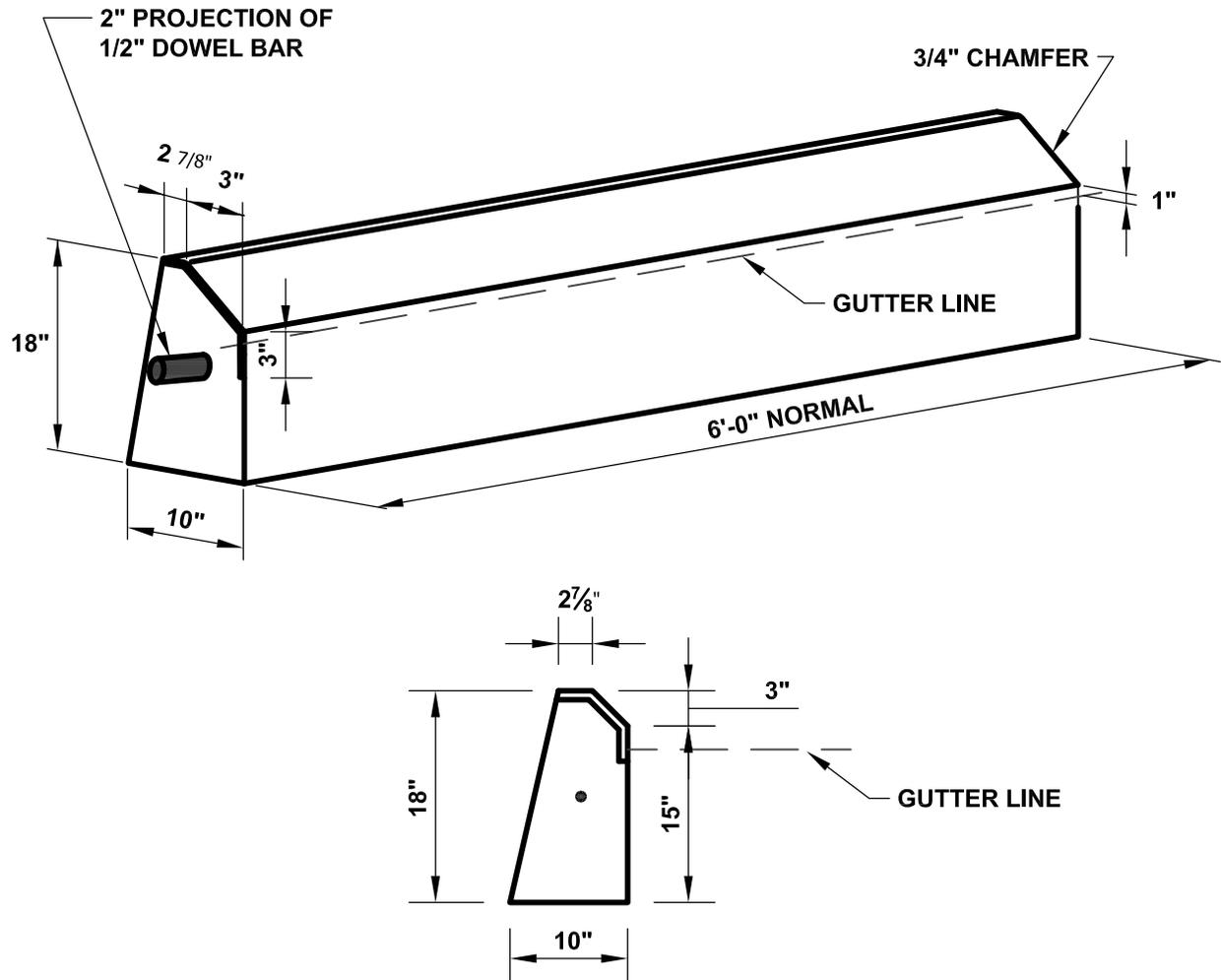
STANDARD SPECIFICATIONS

1. ONE DIRECTION TRANSITION SHOWN. OPP. HAND SIMILAR.
2. EXPOSED SURFACES TO HAVE SPONGE FLOAT FINISH.
3. EXPOSED EDGES RECEIVE 3/4" CHAMFER.
4. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
5. CONFORMS TO RI STANDARD 7.2.2.

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CONCRETE PARK CURB



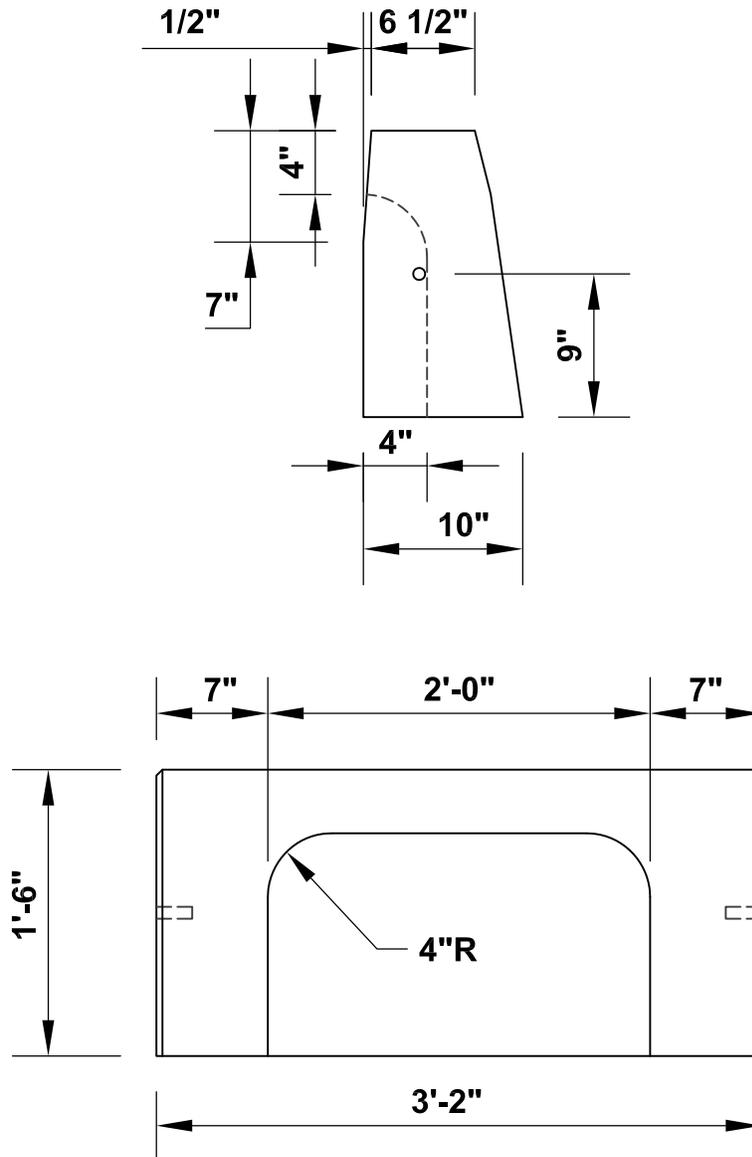
STANDARD SPECIFICATIONS

1. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER PIECES ARE 4'-0".
2. EXPOSED SURFACES TO HAVE SMOOTH SPONGE FINISH.
3. CIRCULAR CURB USED IN CURVES WITH A RADIUS OF 120' OR LESS. STRAIGHT CURB USED IN CURVES WITH RADIUS GREATER THAN 120'.
4. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.

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38" APRON STONE



APPROX. WEIGHT: 400 LB

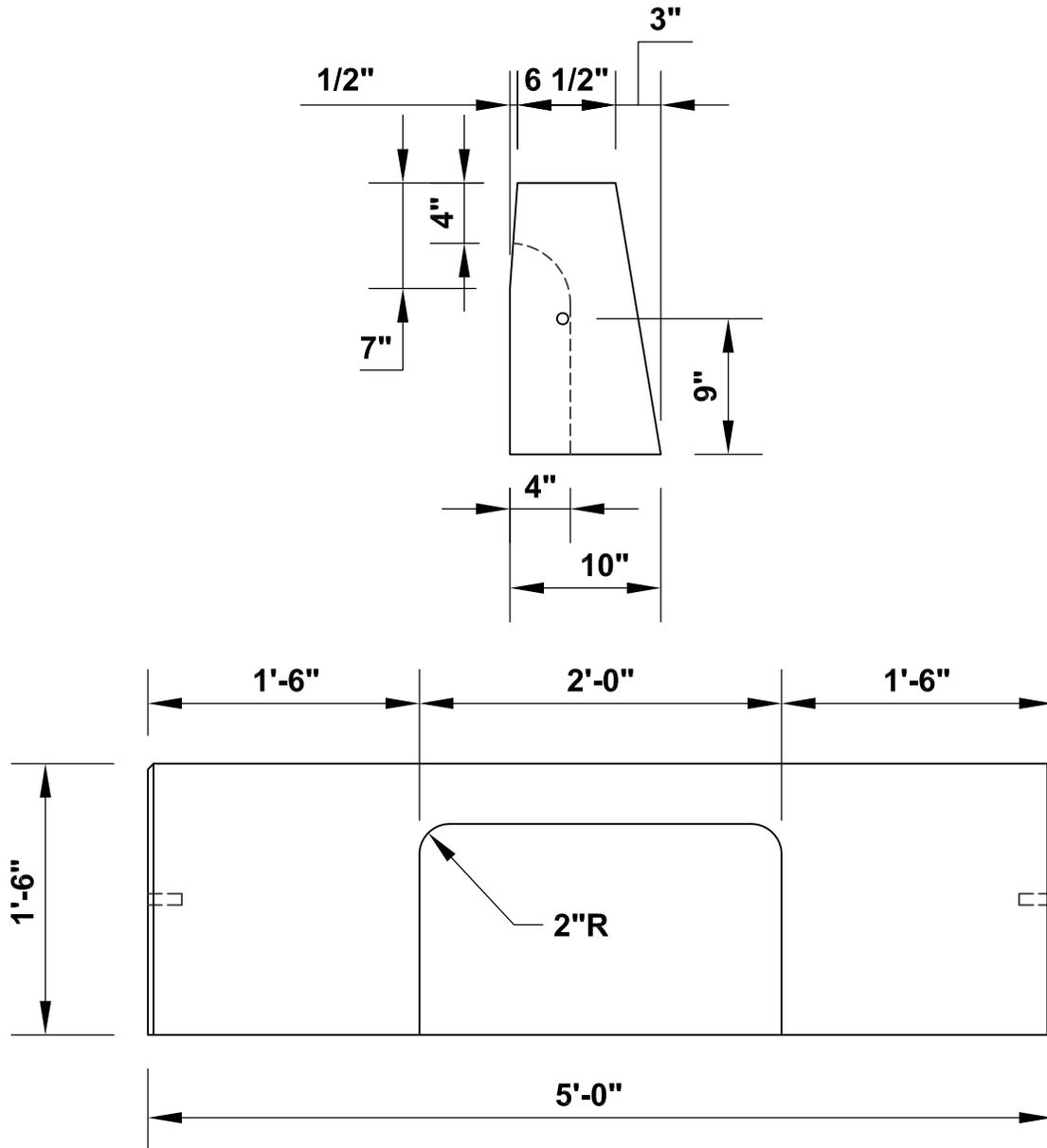
STANDARD SPECIFICATIONS

1. EXPOSED SURFACES TO HAVE SMOOTH SPONGE FINISH.
2. EXPOSED EDGES RECEIVE 3/4" CHAMFER.
3. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
4. CONFORMS TO RI STANDARD 7.1.8.

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5' APRON STONE



APPROX. WEIGHT: 700 LB

STANDARD SPECIFICATIONS

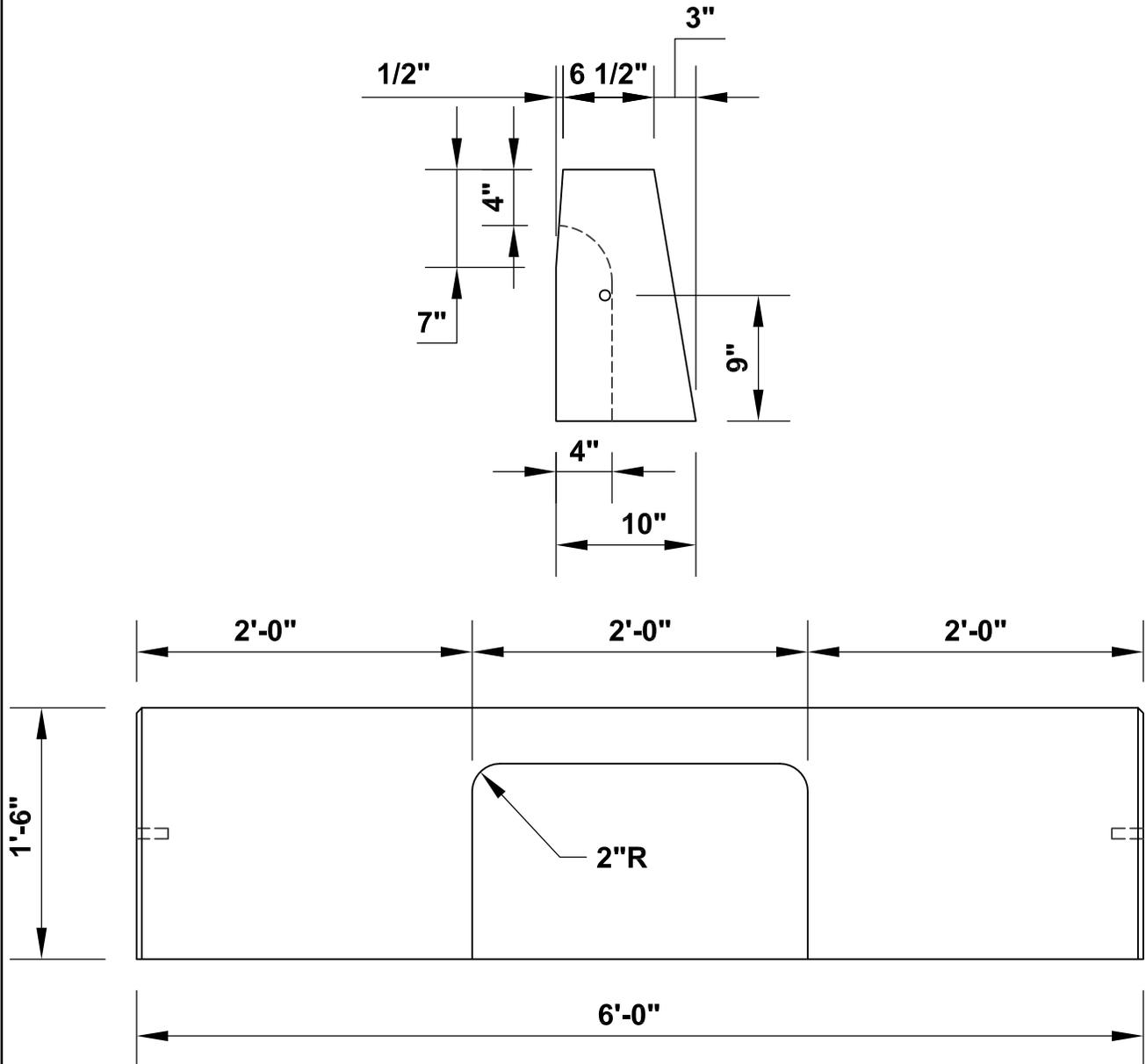
1. EXPOSED SURFACES TO HAVE SMOOTH SPONGE FINISH.
2. EXPOSED EDGES RECEIVE 3/4" CHAMFER.
3. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
4. CONFORMS TO RI STANDARD 7.1.7.

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6' APRON STONE



APPROX. WEIGHT: 860 LB

STANDARD SPECIFICATIONS

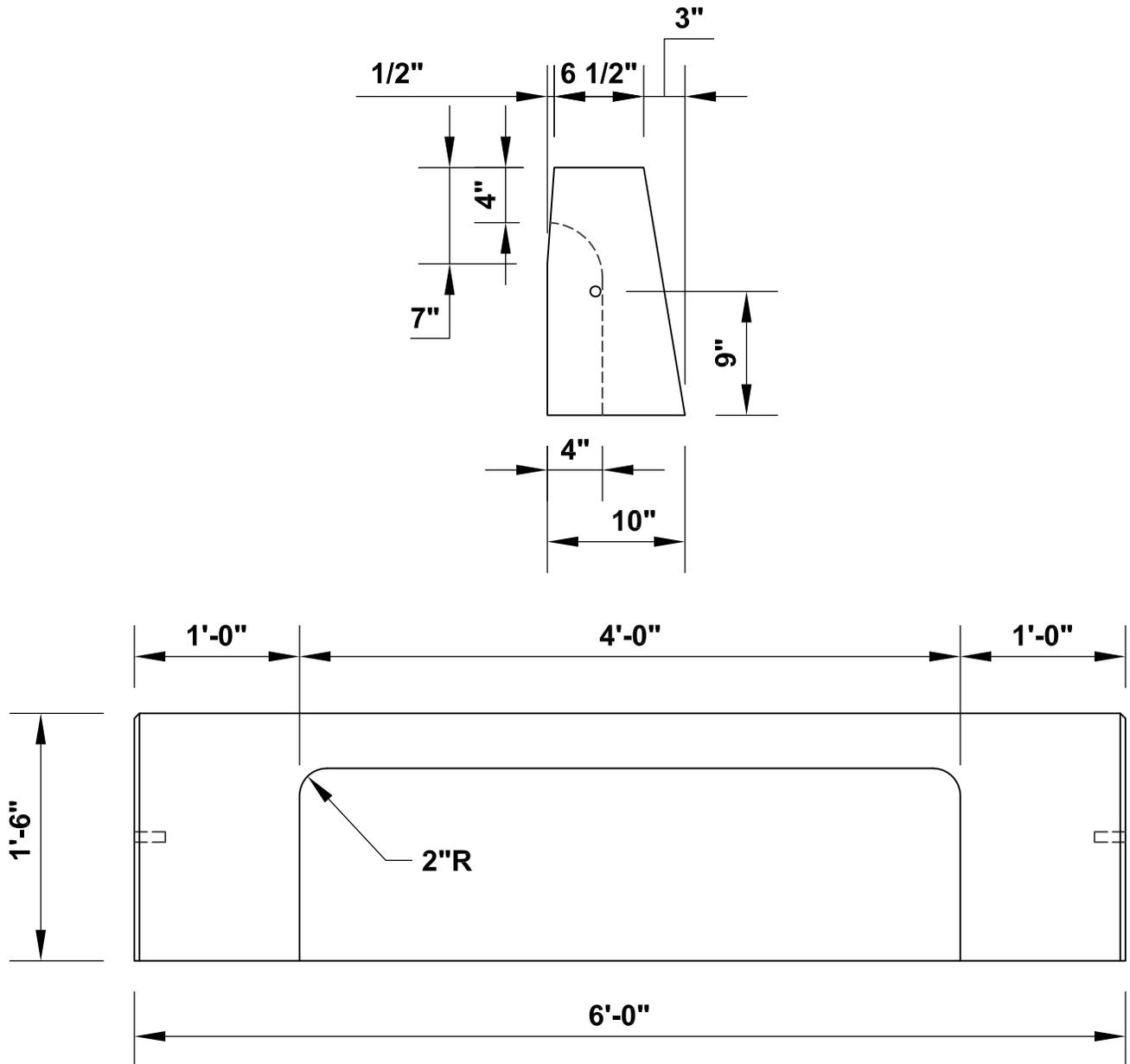
1. EXPOSED SURFACES TO HAVE SMOOTH SPONGE FINISH.
2. EXPOSED EDGES RECEIVE 3/4" CHAMFER.
3. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
4. CONFORMS TO RI STANDARD 7.1.7.

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DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

6' DOUBLE APRON STONE



APPROX. WEIGHT: 700 LB

STANDARD SPECIFICATIONS

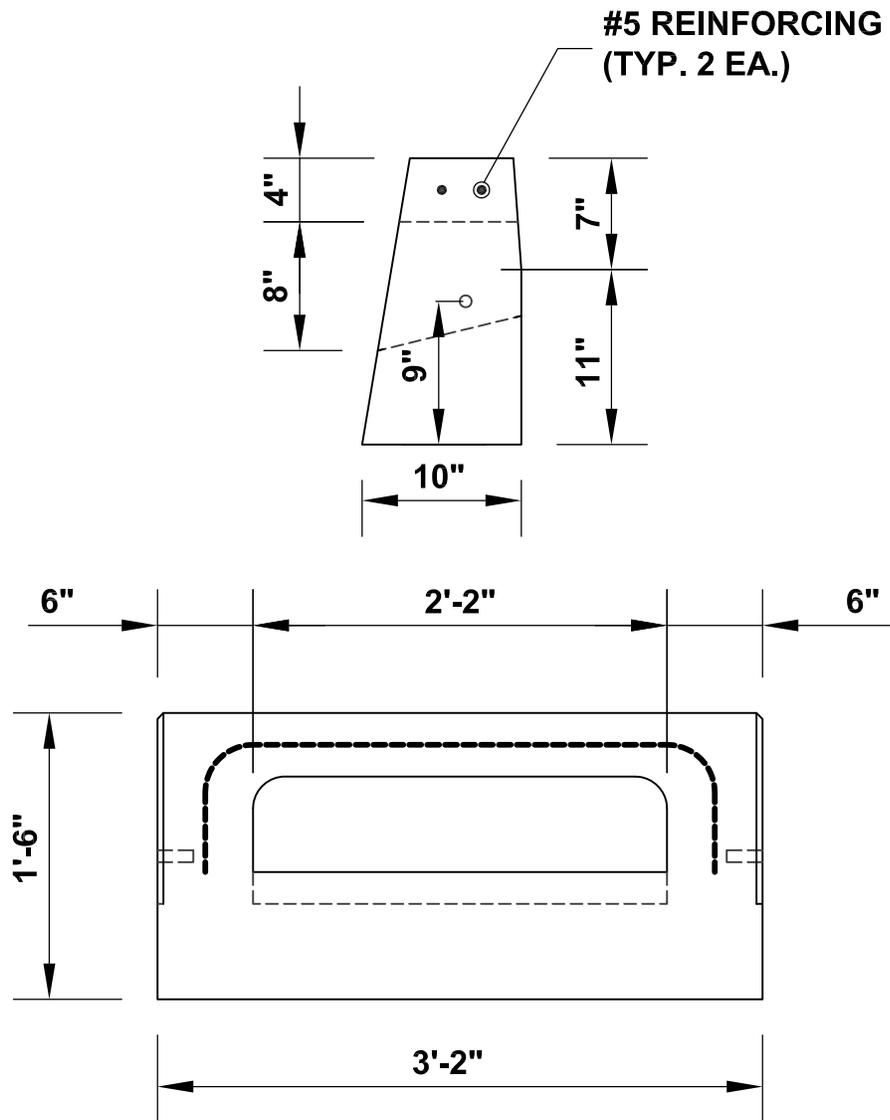
1. EXPOSED SURFACES TO HAVE SMOOTH SPONGE FINISH.
2. EXPOSED EDGES RECEIVE 3/4" CHAMFER.
3. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
4. CONFORMS TO RI STANDARD 7.1.7.M

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38" INLET STONE



APPROX. WEIGHT: 400 LB

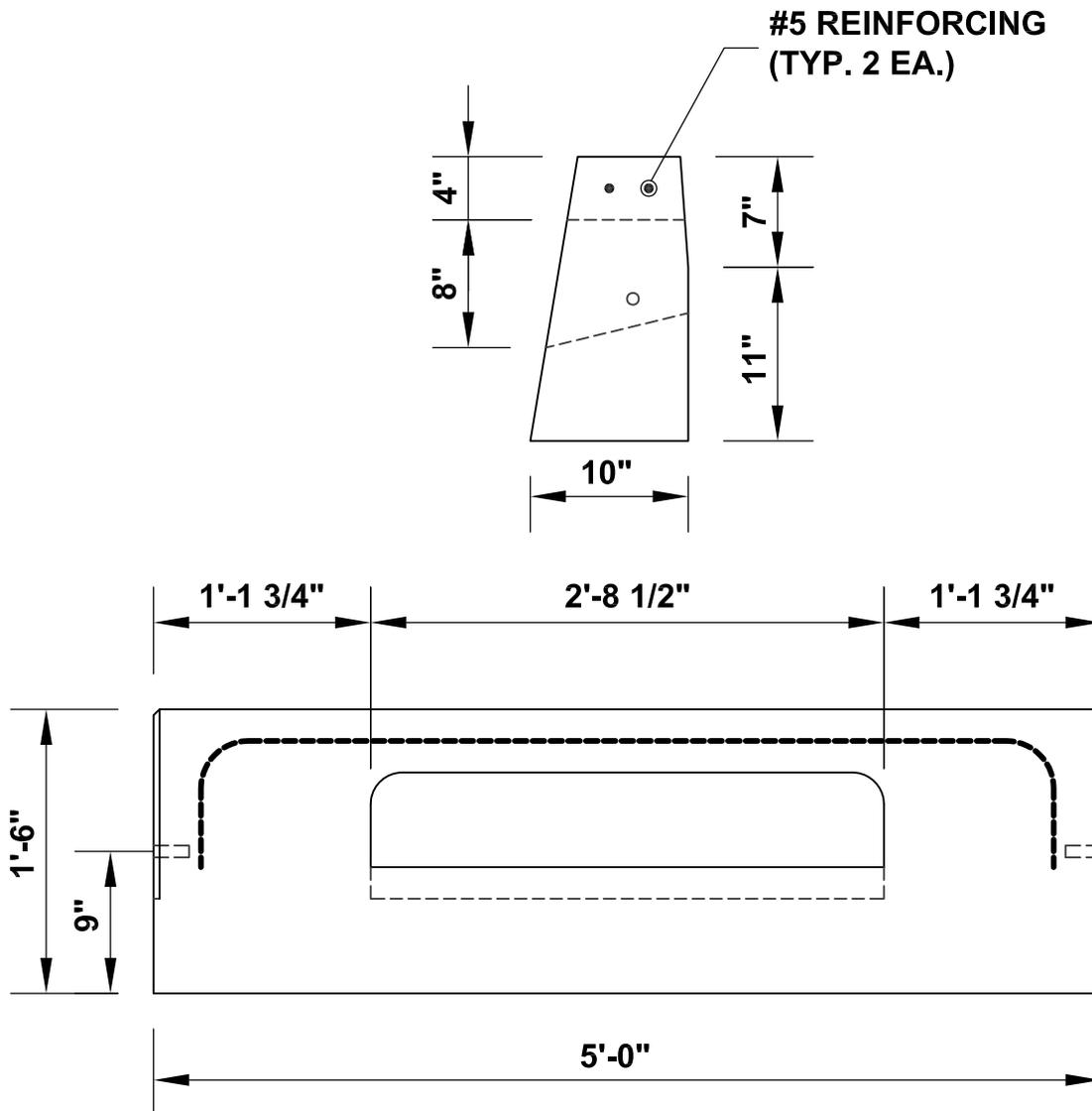
STANDARD SPECIFICATIONS

1. EXPOSED SURFACES TO HAVE SMOOTH SPONGE FINISH.
2. EXPOSED EDGES RECEIVE 3/4" CHAMFER.
3. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
4. CONFORMS TO RI STANDARD 7.1.6.

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5' INLET STONE



APPROX. WEIGHT: 650 LB

STANDARD SPECIFICATIONS

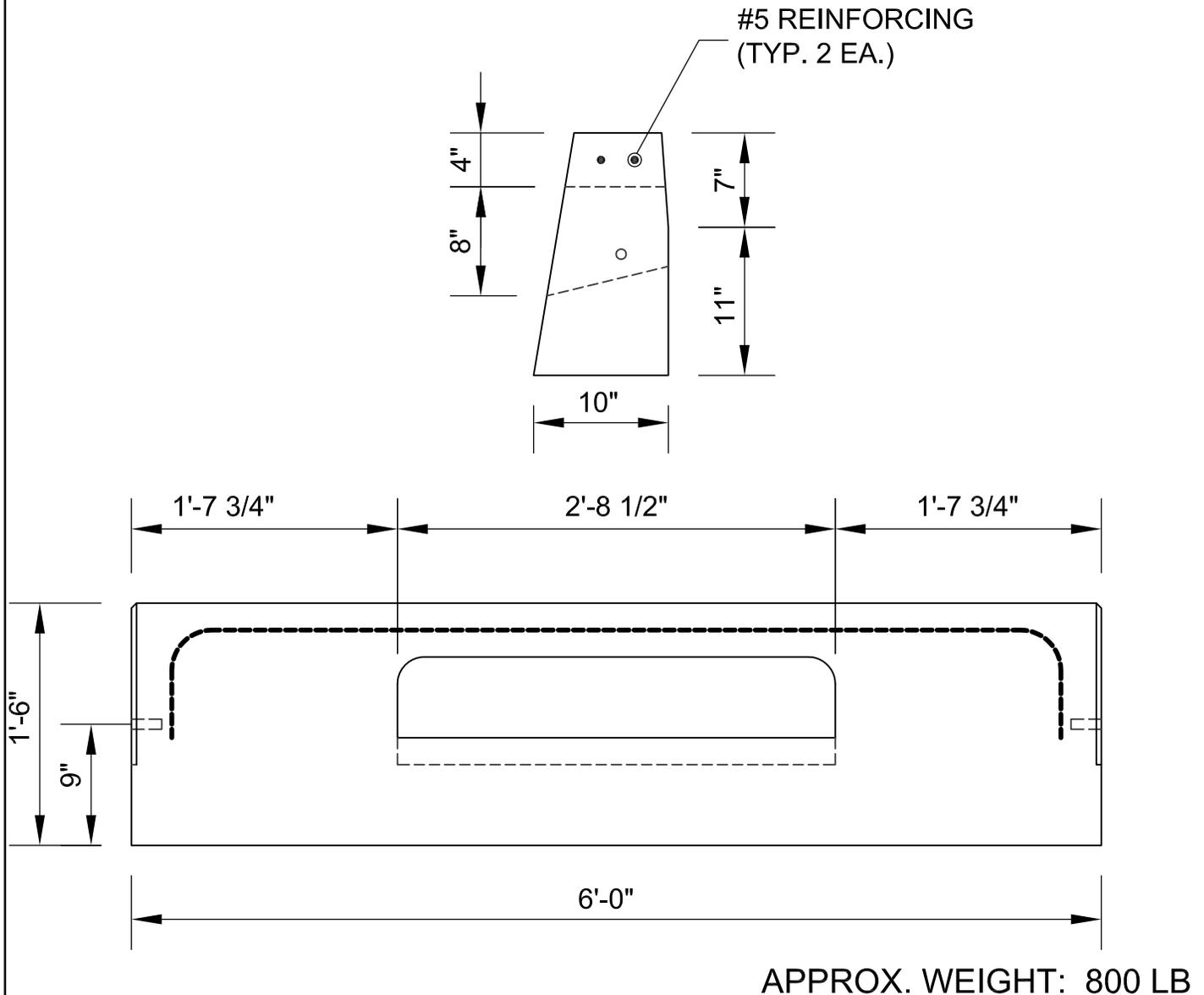
1. EXPOSED SURFACES TO HAVE SMOOTH SPONGE FINISH.
2. EXPOSED EDGES RECEIVE 3/4" CHAMFER.
3. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
4. CONFORMS TO RI STANDARD 7.1.5.

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6' INLET STONE



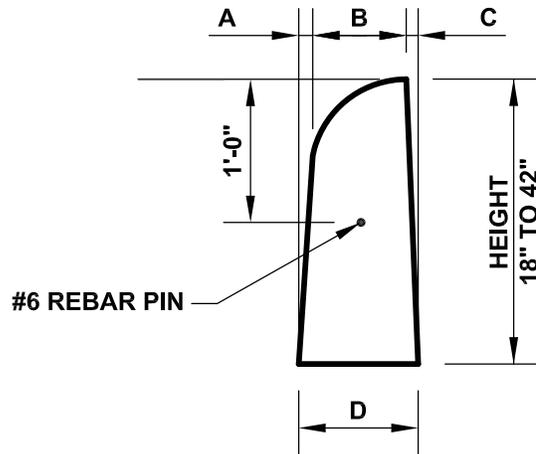
STANDARD SPECIFICATIONS

1. EXPOSED SURFACES TO HAVE SMOOTH SPONGE FINISH.
2. EXPOSED EDGES RECEIVE 3/4" CHAMFER.
3. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
4. CONFORMS TO RI STANDARD 7.1.5.

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PRECAST LOT CURB



STANDARD DIMENSIONS

| HEIGHT | A | B | C | D |
|--------|----|----|----|-----|
| 18" | 1" | 8" | 1" | 10" |
| 24" | 1" | 8" | 1" | 10" |
| 30" | 1" | 8" | 3" | 12" |
| 36" | 1" | 8" | 5" | 14" |
| 42" | 1" | 8" | 9" | 18" |

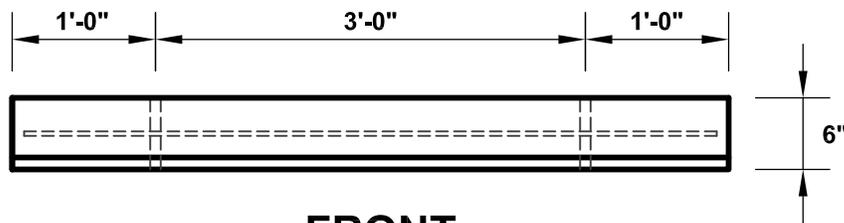
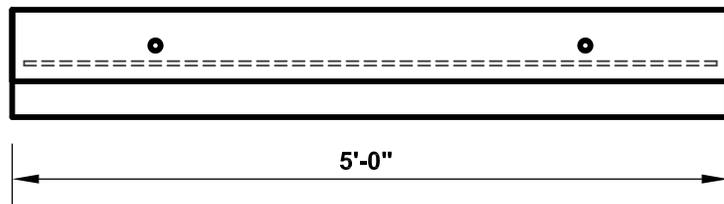
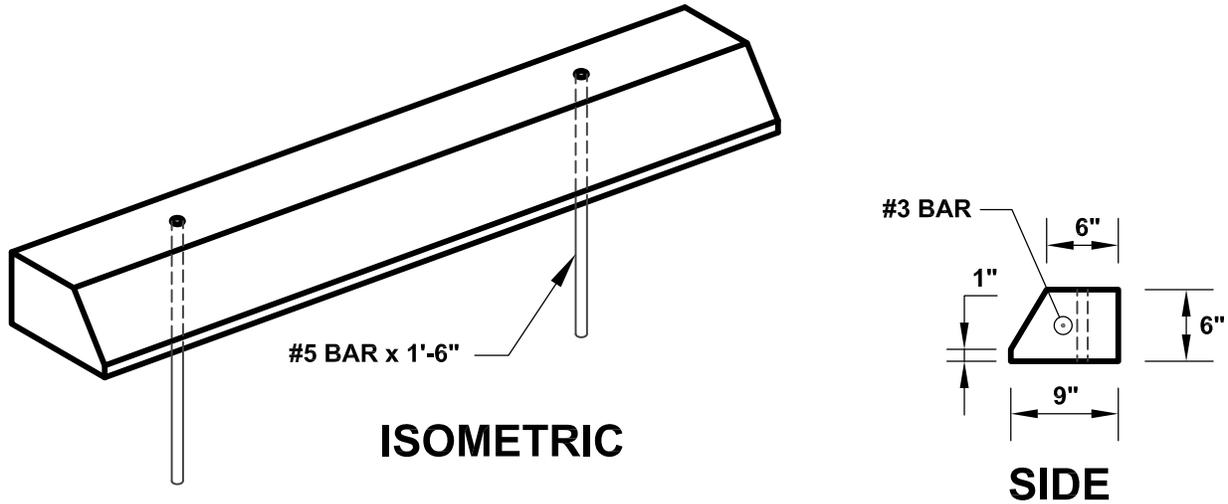
STANDARD SPECIFICATIONS

1. EXPOSED SURFACES TO HAVE SMOOTH FORM FINISH
2. MANUFACTURED IN STRAIGHT LENGTHS ONLY.
3. 4,000 PSI CLASS XX(AE) PORTLAND CEMENT CONCRETE.
4. CONFORMS TO RI STANDARD 7.2.3.

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CAR STOPS



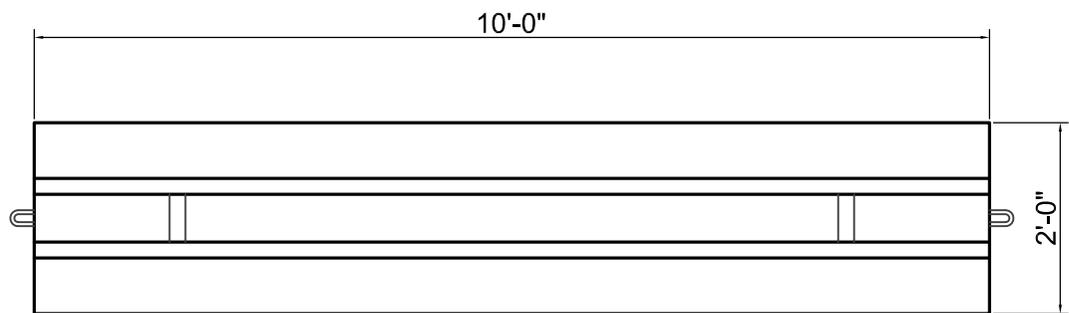
STANDARD SPECIFICATIONS

1. EXPOSED SURFACES TO HAVE SMOOTH FORM FINISH.
2. EXPOSED EDGES RECEIVE 3/4" CHAMFER.
3. 4,000 PSI - CLASS XX(AE) PORTLAND CEMENT CONCRETE MIX.
4. CONFORMS TO RI STANDARD 7.2.4.

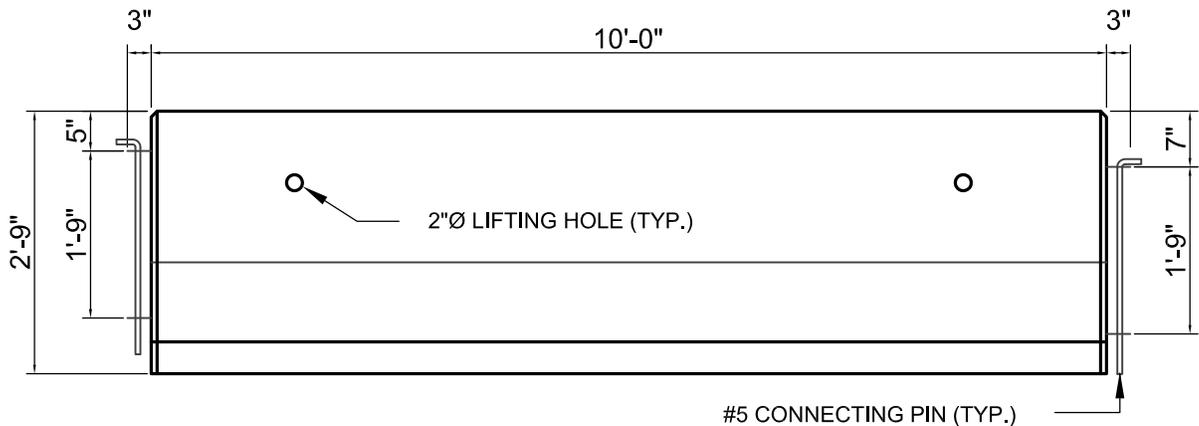
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PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL



PLAN



ELEVATION

APPROX. WEIGHT: 4,200 LBS

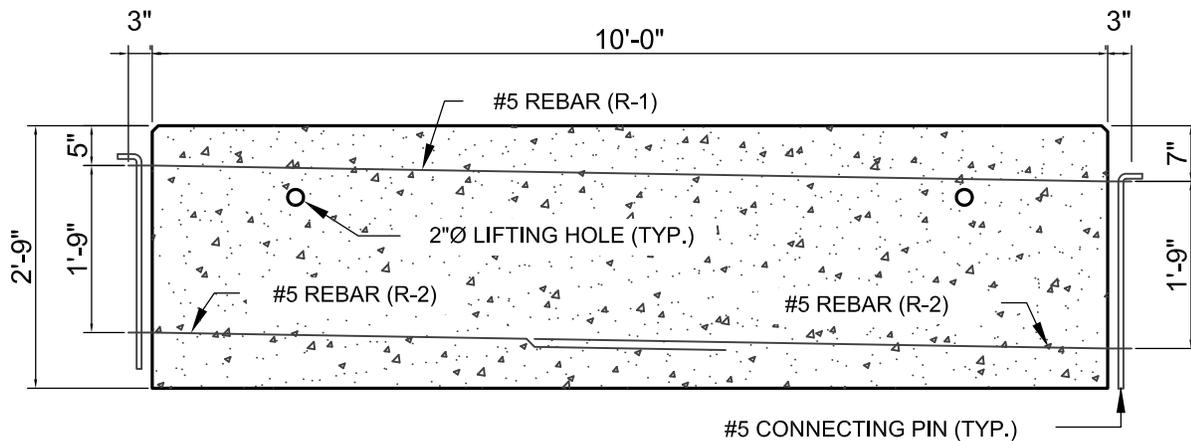
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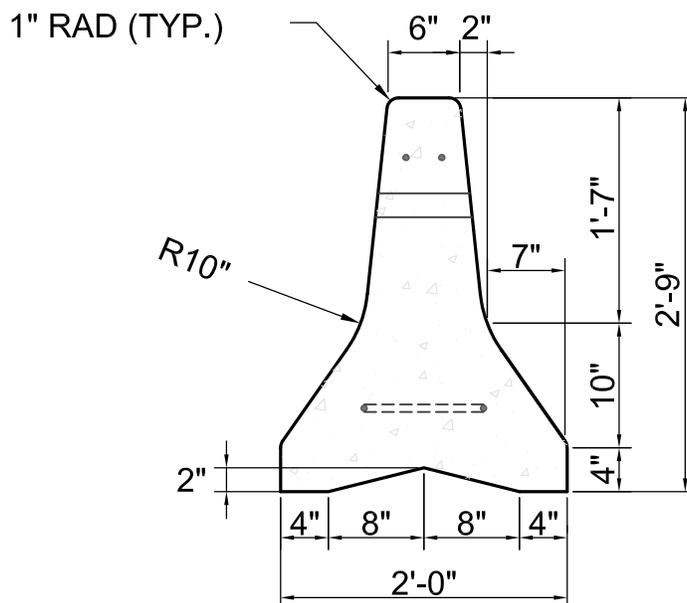
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PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL



LONGITUDINAL SECTION



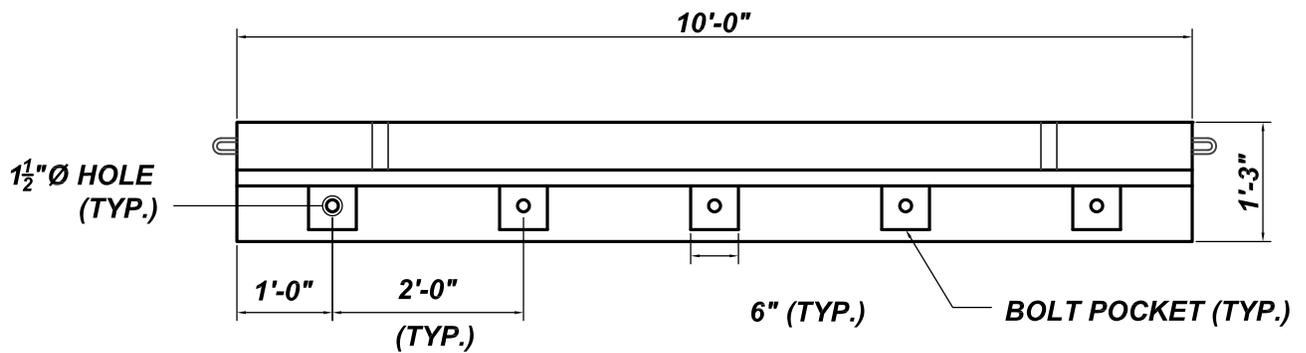
TRANSVERSE SECTION

STANDARD SPECIFICATIONS

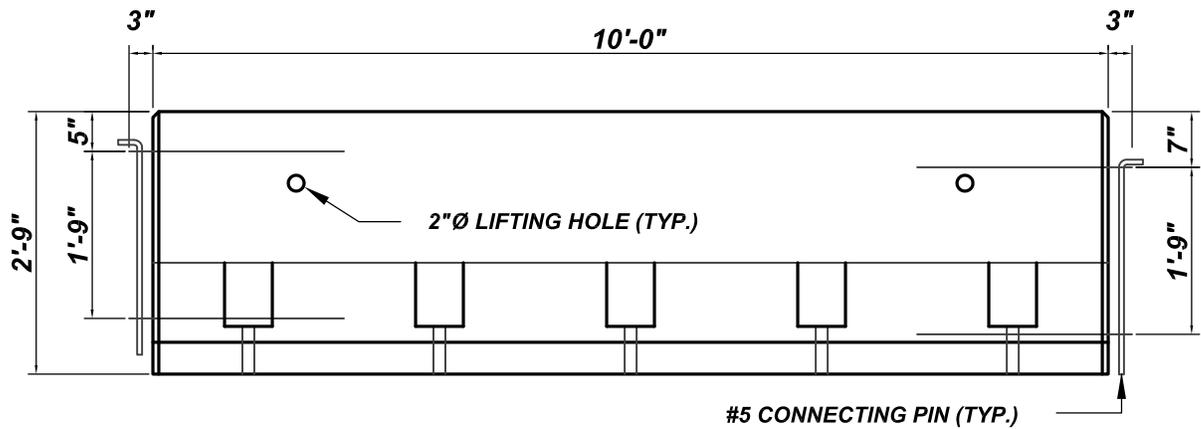
1. 10'-0" STANDARD SEGMENT LENGTH.
2. 4,000 PSI PORTLAND CEMENT CONCRETE MIX.
3. CONFORMS TO RI STANDARD 40.5.0.

DURASTONE

PRECAST BARRIER FOR TEMPORARY TRAFFIC CONTROL



PLAN



ELEVATION

APPROX. WEIGHT: 3,300 LBS

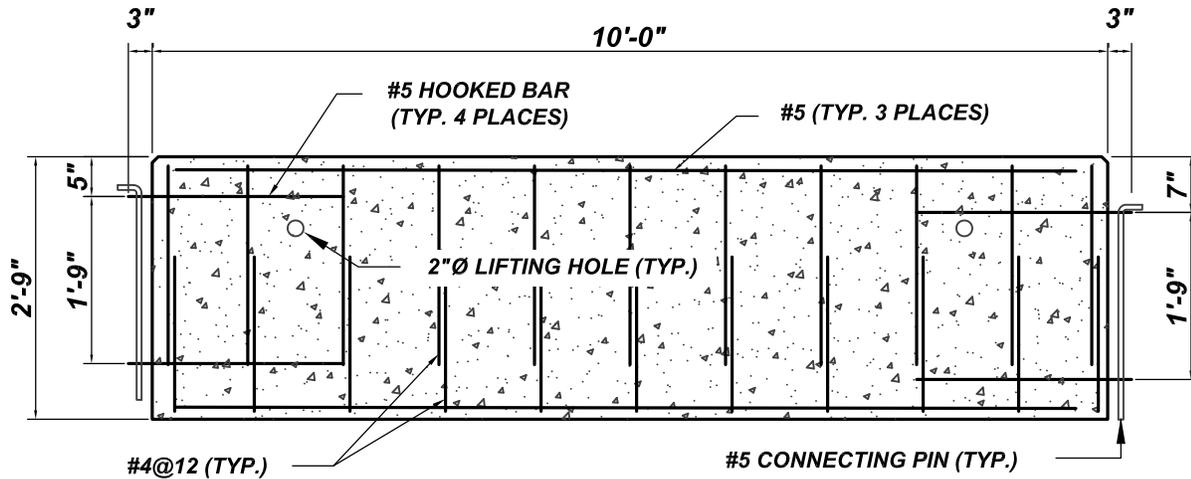
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

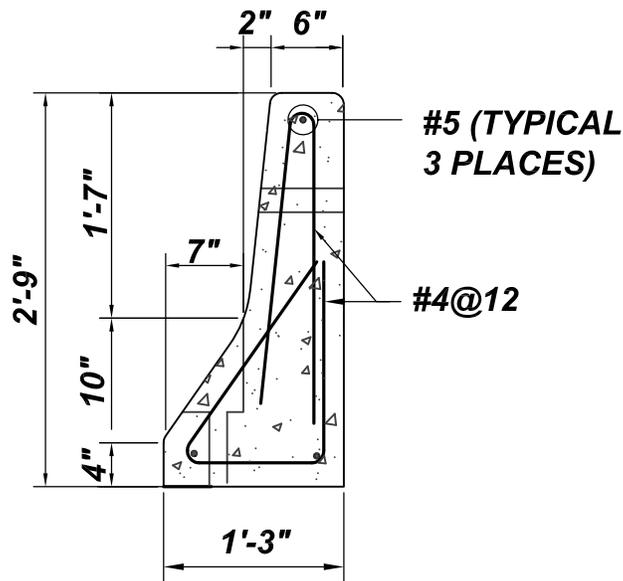
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

PRECAST BARRIER FOR TEMPORARY TRAFFIC CONTROL



LONGITUDINAL SECTION



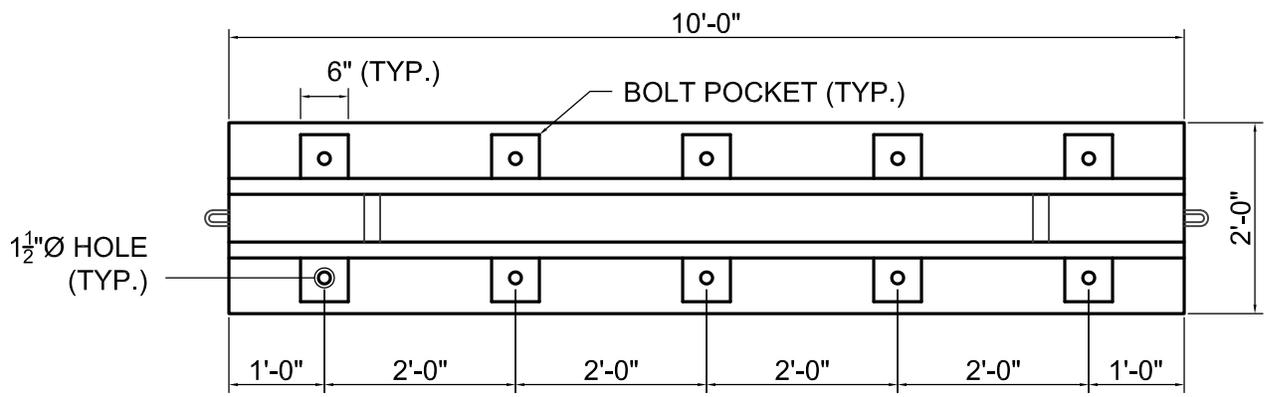
TRANSVERSE SECTION

STANDARD SPECIFICATIONS

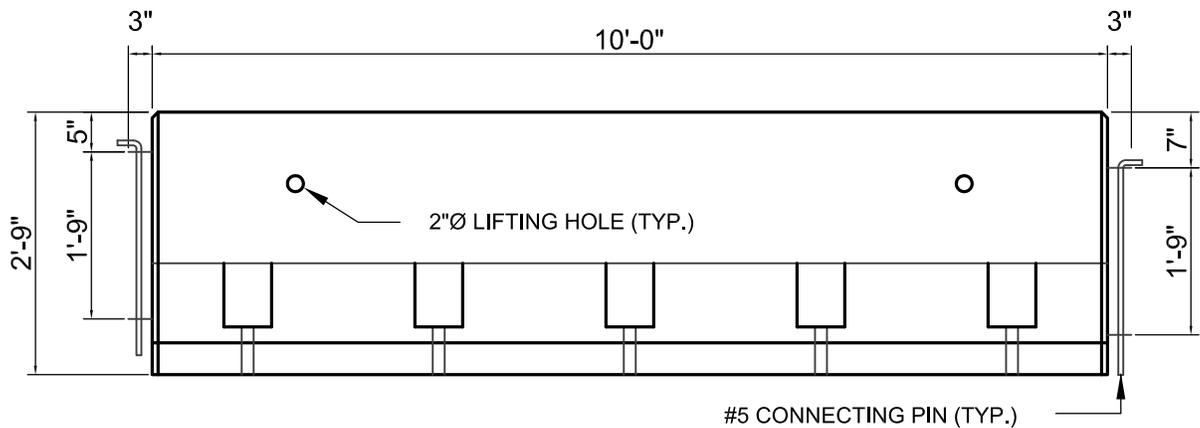
1. 10'-0" STANDARD SEGMENT LENGTH.
2. 4,000 PSI PORTLAND CEMENT CONCRETE MIX.
3. CONFORMS TO RI STANDARD 40.5.0M.

DURASTONE

PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL



PLAN



ELEVATION

APPROX. WEIGHT: 4,100 LBS

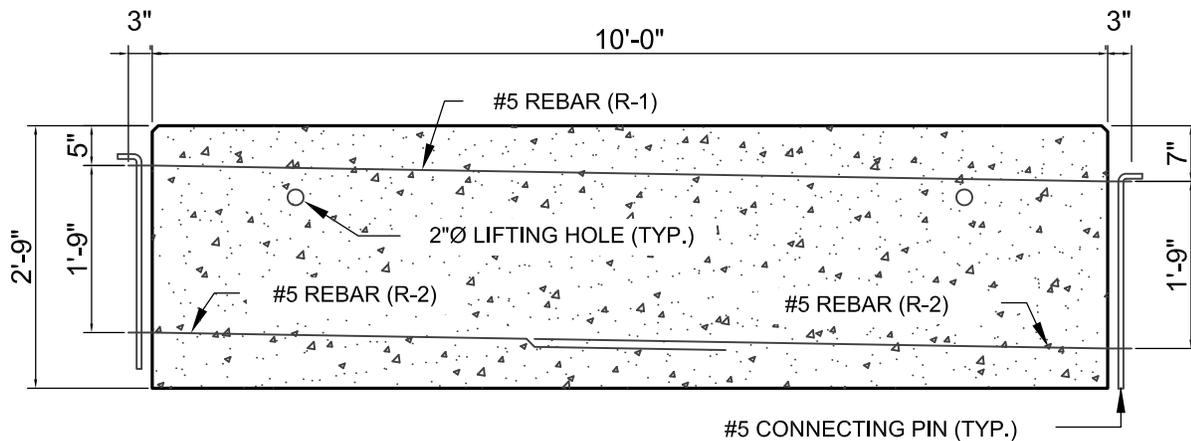
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

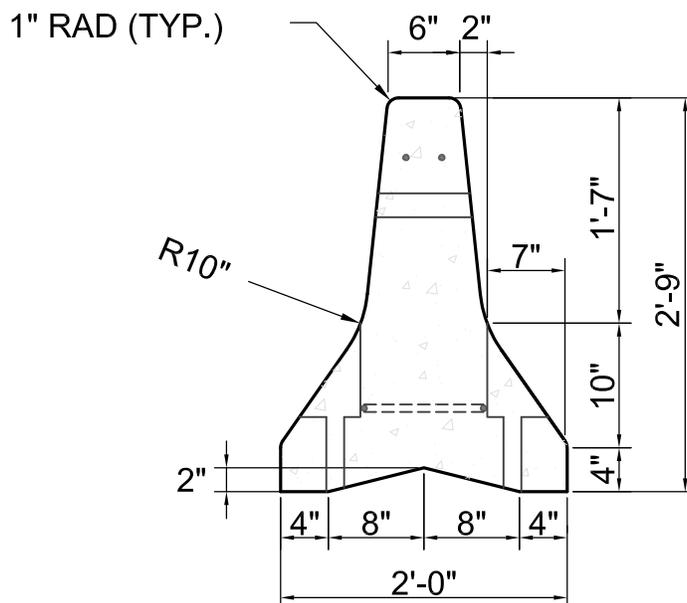
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL



LONGITUDINAL SECTION



TRANSVERSE SECTION

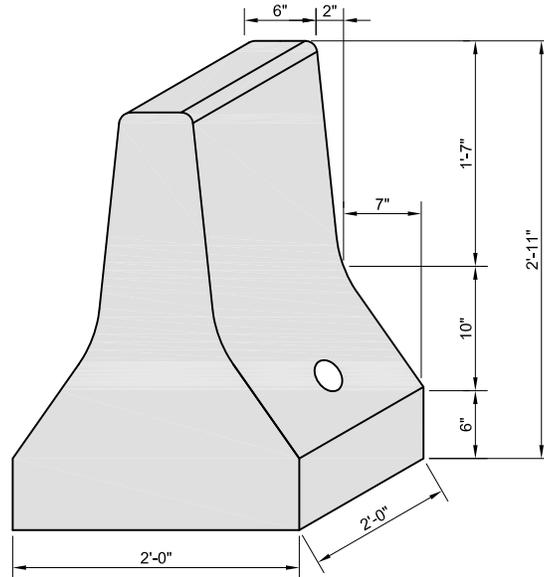
STANDARD SPECIFICATIONS

1. 10'-0" STANDARD SEGMENT LENGTH.
2. 4,000 PSI PORTLAND CEMENT CONCRETE MIX.
3. CONFORMS TO RI STANDARD 40.5.0M.

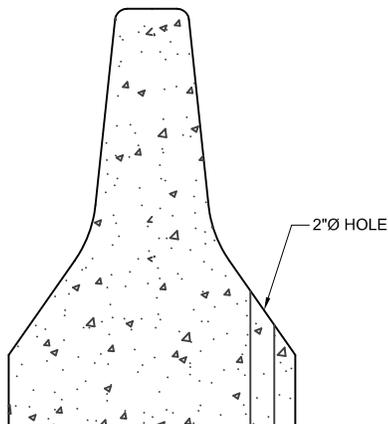
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

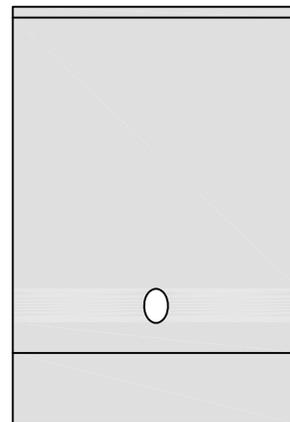
2ft Length Barrier



ISOMETRIC



SECTION



ELEVATION

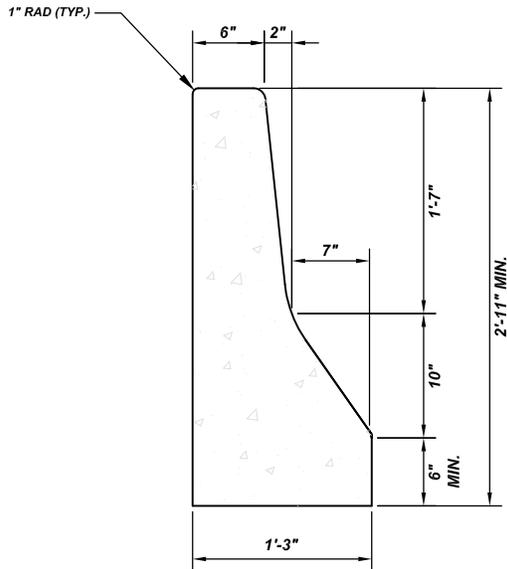
STANDARD SPECIFICATIONS

1. 2'-0" STANDARD SEGMENT LENGTH.
2. 4,000 PSI PORTLAND CEMENT CONCRETE MIX.

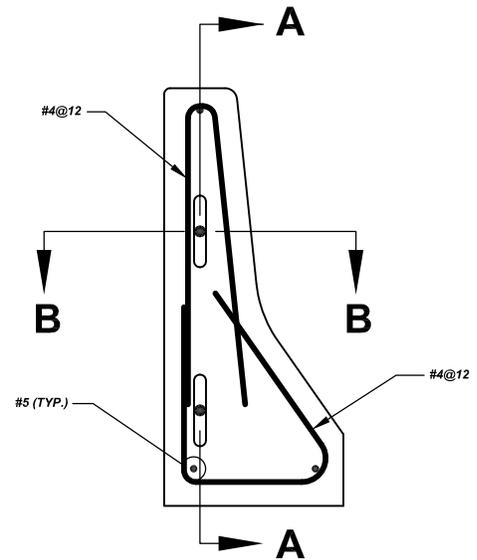
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

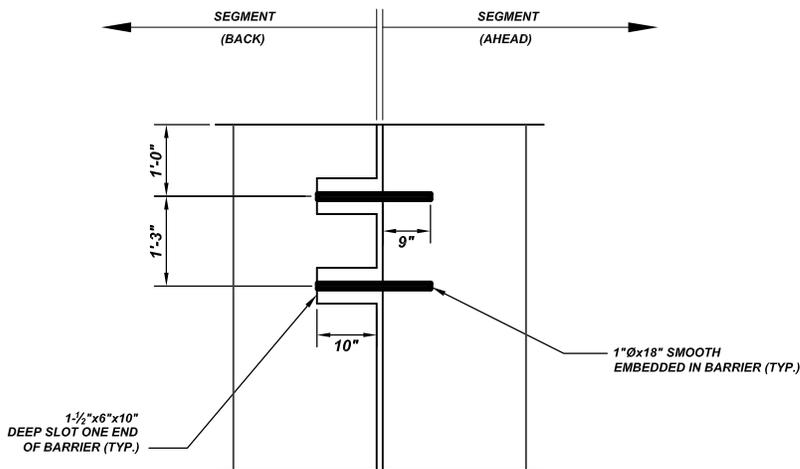
SINGLE-FACED MEDIAN BARRIER



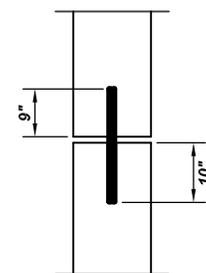
GEOMETRY



REINFORCEMENT



SECTION A-A



SECTION B-B

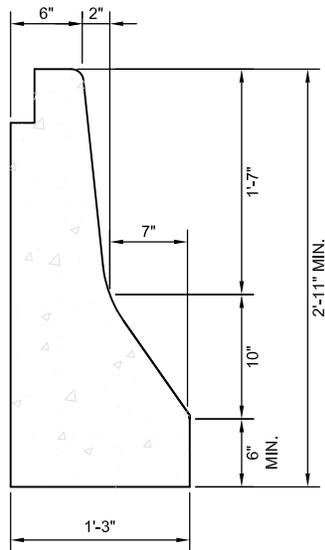
STANDARD SPECIFICATIONS

1. 10'-0" OR 20'-0" STANDARD SEGMENT LENGTHS
2. 2" MINIMUM COVER TO REINFORCEMENT
3. CONFORMS TO RI STANDARD 40.2.0

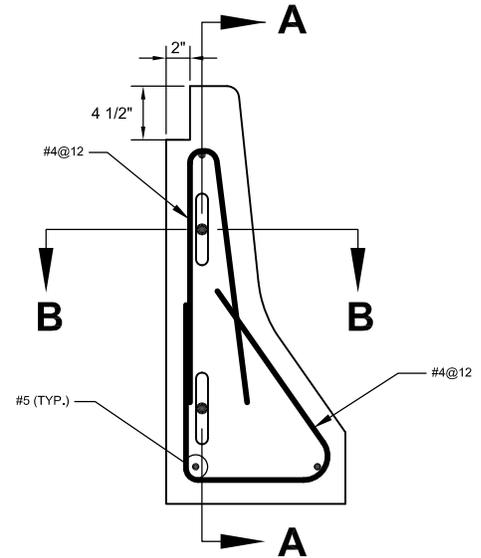
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

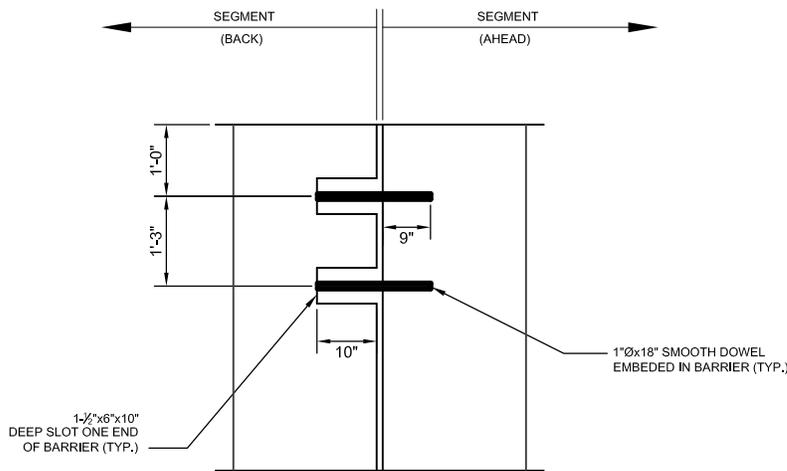
SINGLE-FACED MEDIAN BARRIER



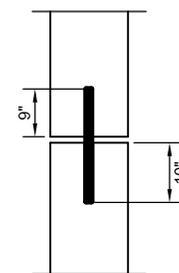
GEOMETRY



REINFORCEMENT



SECTION A-A



SECTION B-B

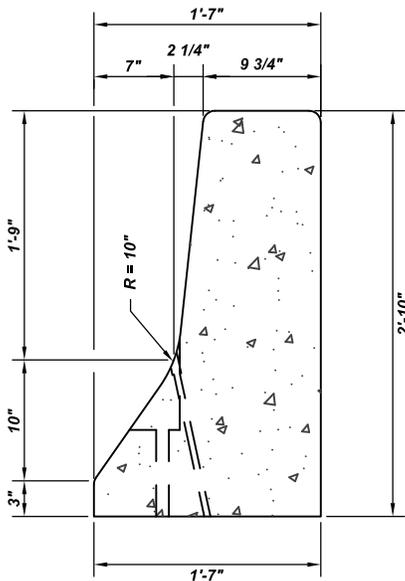
STANDARD SPECIFICATIONS

1. 10'-0" OR 20'-0" STANDARD SEGMENT LENGTHS.
2. 4,000 PSI PORTLAND CEMENT CONCRETE MIX.
3. CONFORMS TO RI STANDARD 40.2.1.

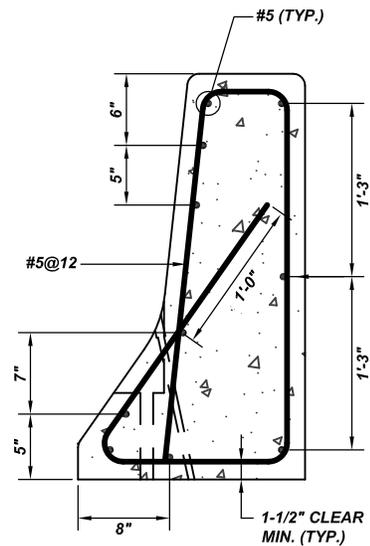
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

TL-4 BARRIER



GEOMETRY



REINFORCEMENT

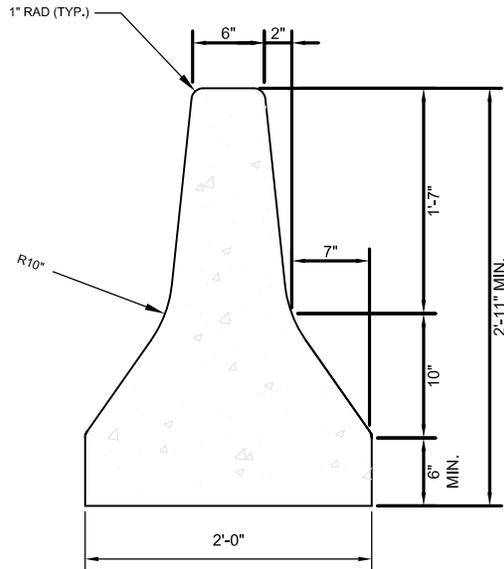
STANDARD SPECIFICATIONS

1. SEGMENT LENGTHS UP TO 20'-0".
2. SMOOTH STEEL FORM FINISH ON EXPOSED SURFACES.
3. 1-1/2" MINIMUM COVER TO REINFORCEMENT.
4. ALL REINFORCEMENT EPOXY COATED.
5. 5,000 PSI CONCRETE MIX WITH CALCIUM NITRATE CORROSION INHIBITOR.
6. STANDARD 2' SPACING OF BOLT RECESSES.
7. STANDARD 4' SPACING OF GROUT PORTS.

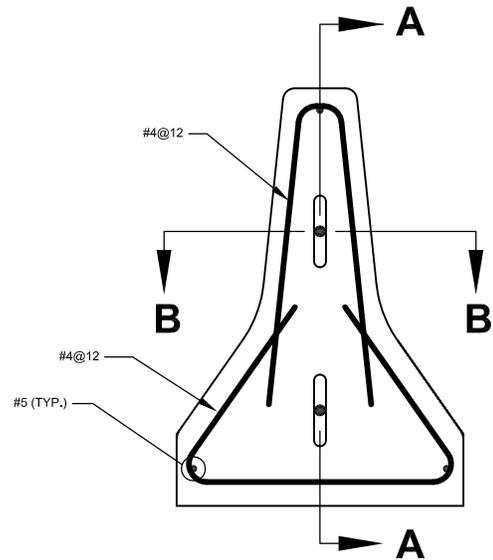
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

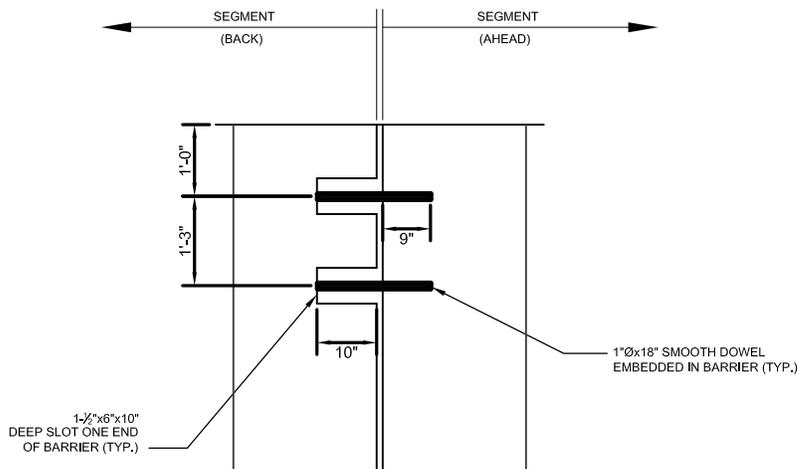
DOUBLE-FACED MEDIAN BARRIER



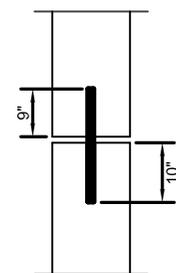
GEOMETRY



REINFORCEMENT



SECTION A-A



SECTION B-B

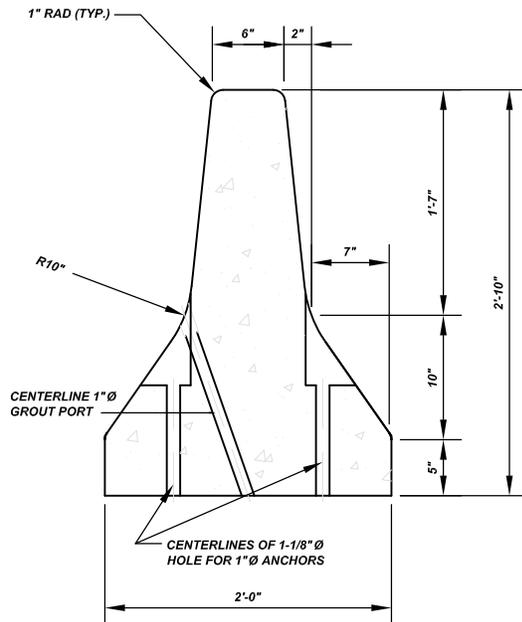
STANDARD SPECIFICATIONS

1. 10'-0" OR 20'-0" STANDARD SEGMENT LENGTHS.
2. 4,000 PSI PORTLAND CEMENT CONCRETE MIX.
3. CONFORMS TO RI STANDARD 40.1.0.

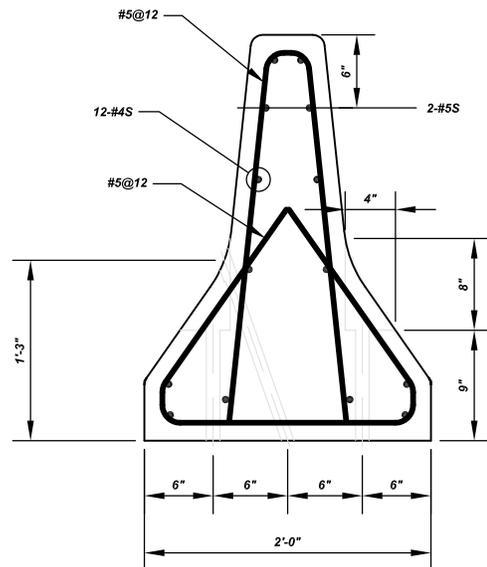
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

F SHAPE BARRIER



GEOMETRY



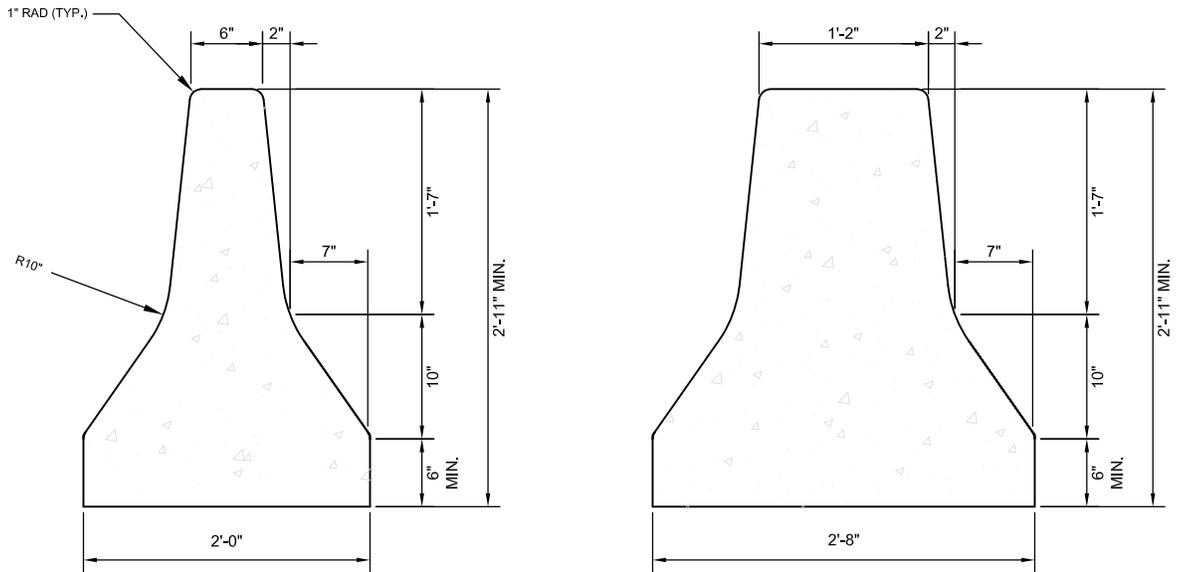
REINFORCEMENT

STANDARD SPECIFICATIONS

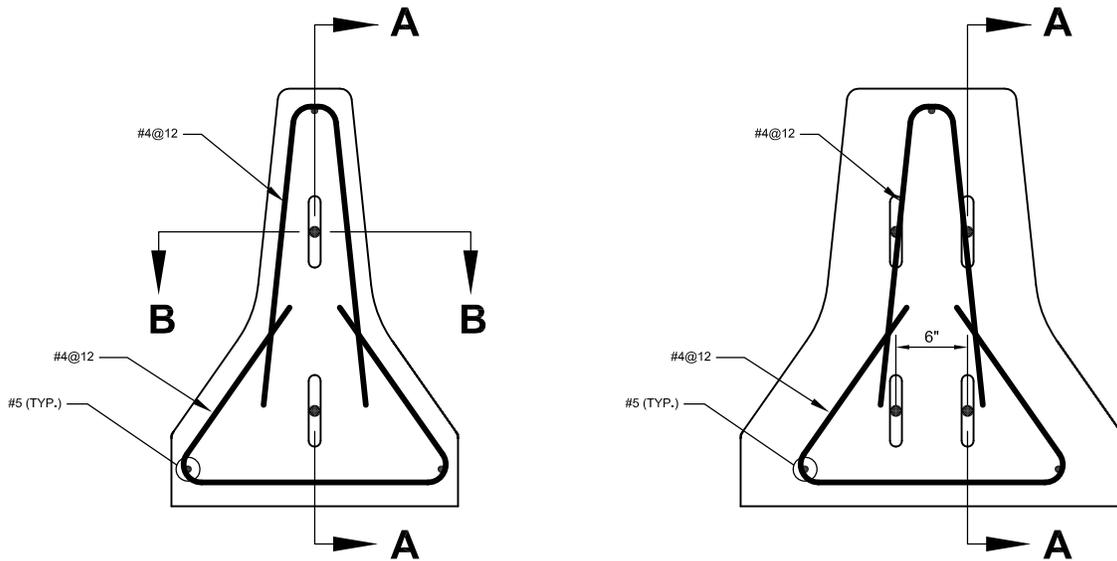
1. SEGMENT LENGTHS UP TO 20'-0".
2. SMOOTH STEEL FORM FINISH ON EXPOSED SURFACES.
3. 1-1/2" MINIMUM COVER TO REINFORCEMENT.
4. ALL REINFORCEMENT EPOXY COATED.
5. 5,000 PSI CONCRETE MIX WITH CALCIUM NITRATE CORROSION INHIBITOR.
6. BOLTED DOWN APPLICATION ONLY.

DURASTONE

MEDIAN BARRIER TRANSITION UNIT



GEOMETRY



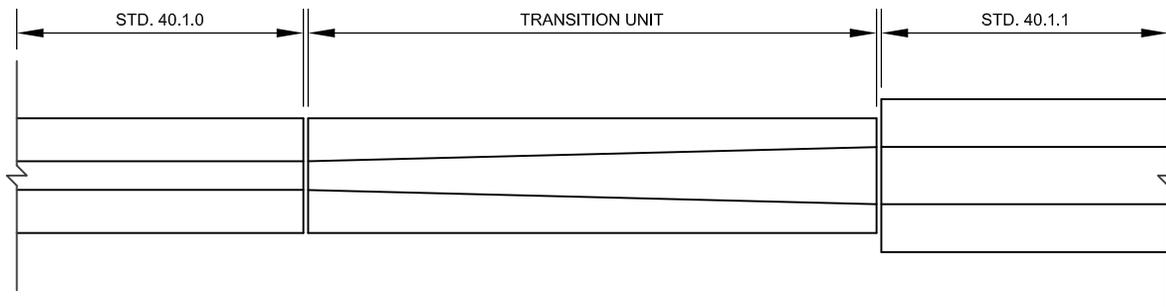
REINFORCEMENT

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

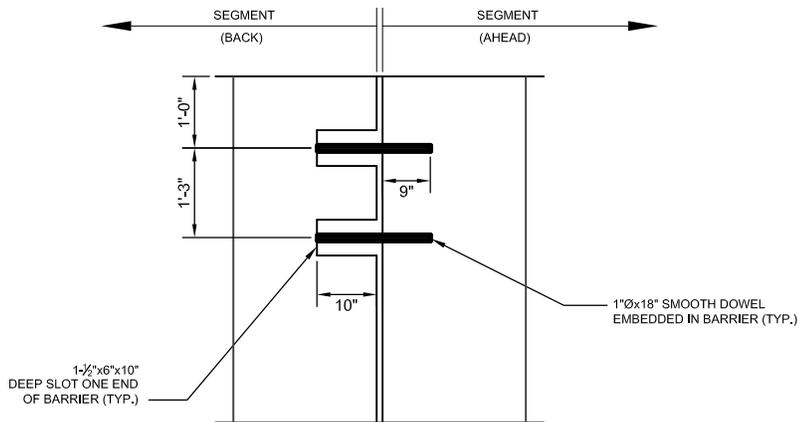
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

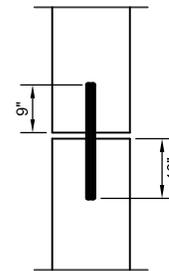
MEDIAN BARRIER TRANSITION UNIT



PLAN



SECTION A-A



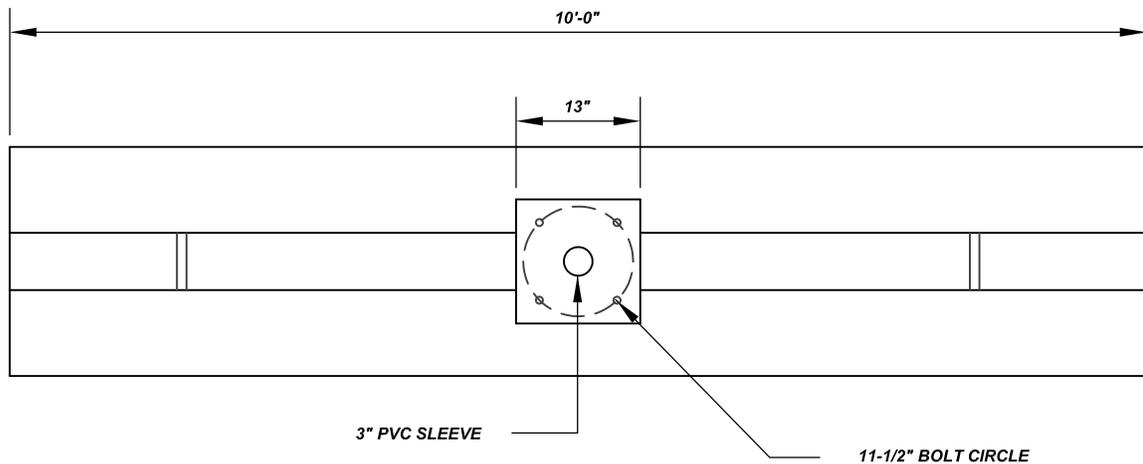
SECTION B-B

STANDARD SPECIFICATIONS

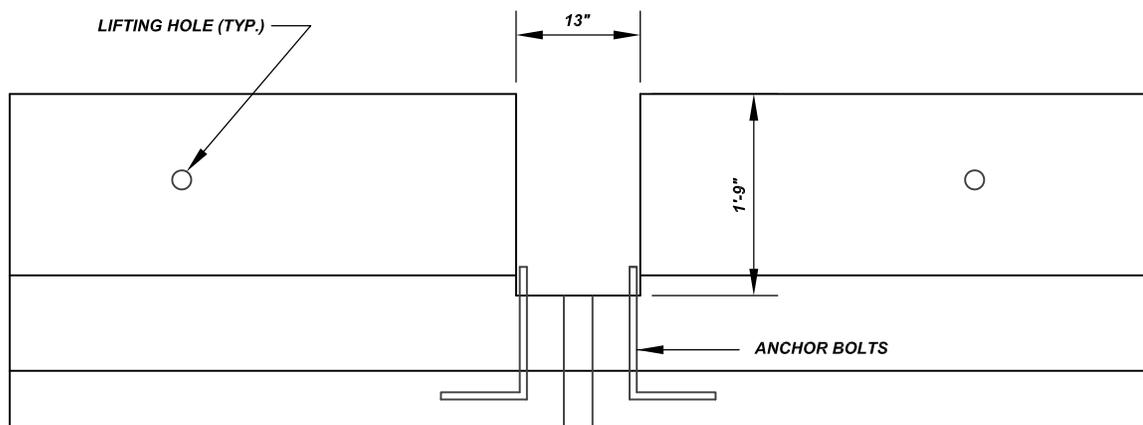
1. 10'-0" STANDARD SEGMENT LENGTH.
2. 4,000 PSI PORTLAND CEMENT CONCRETE MIX.
3. CONFORMS TO RI STANDARD 40.3.0.

DURASTONE

MEDIAN BARRIER FOR LIGHT STANDARD



PLAN

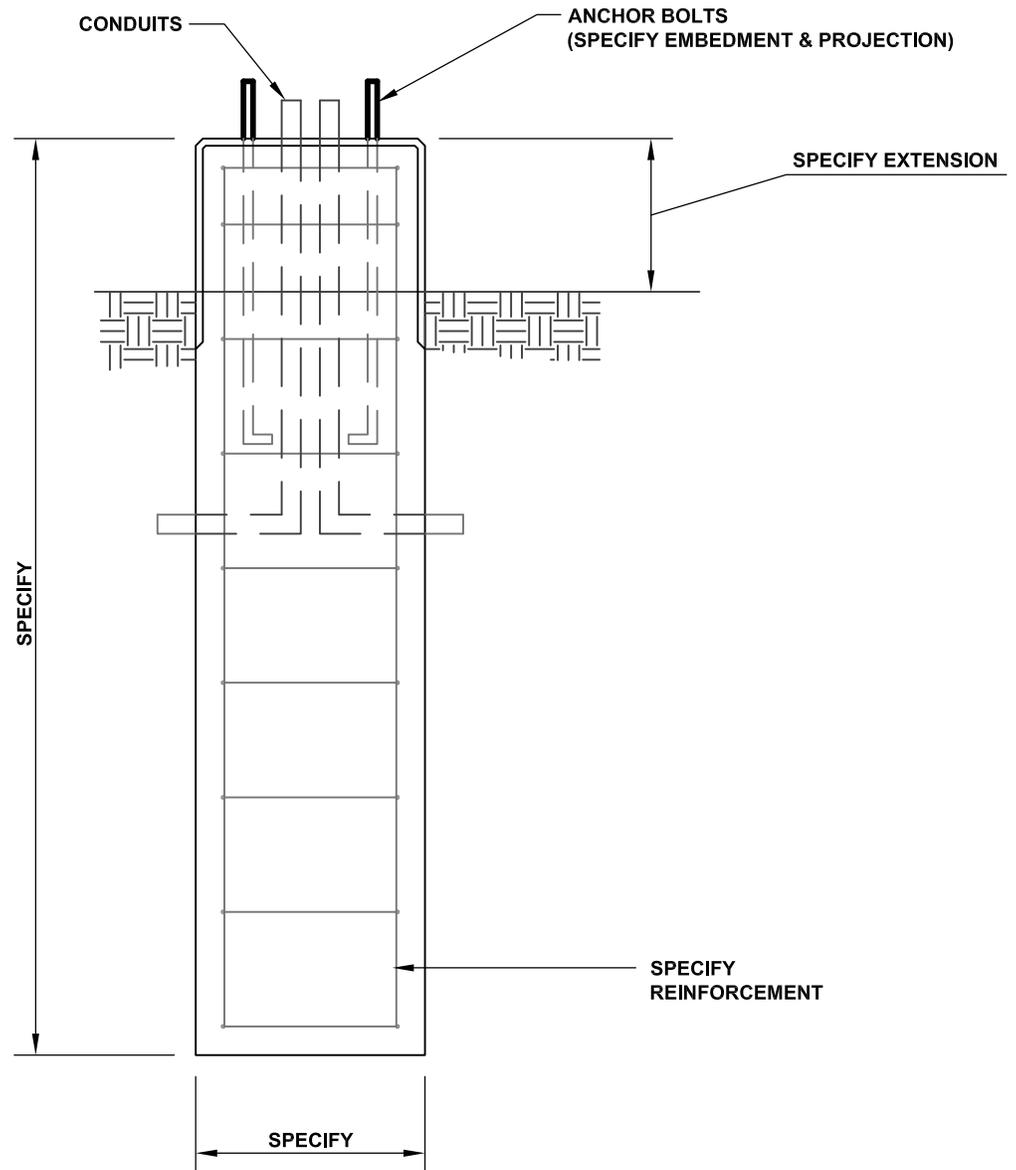


ELEVATION

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

SQUARE LIGHTBASE



ELEVATION

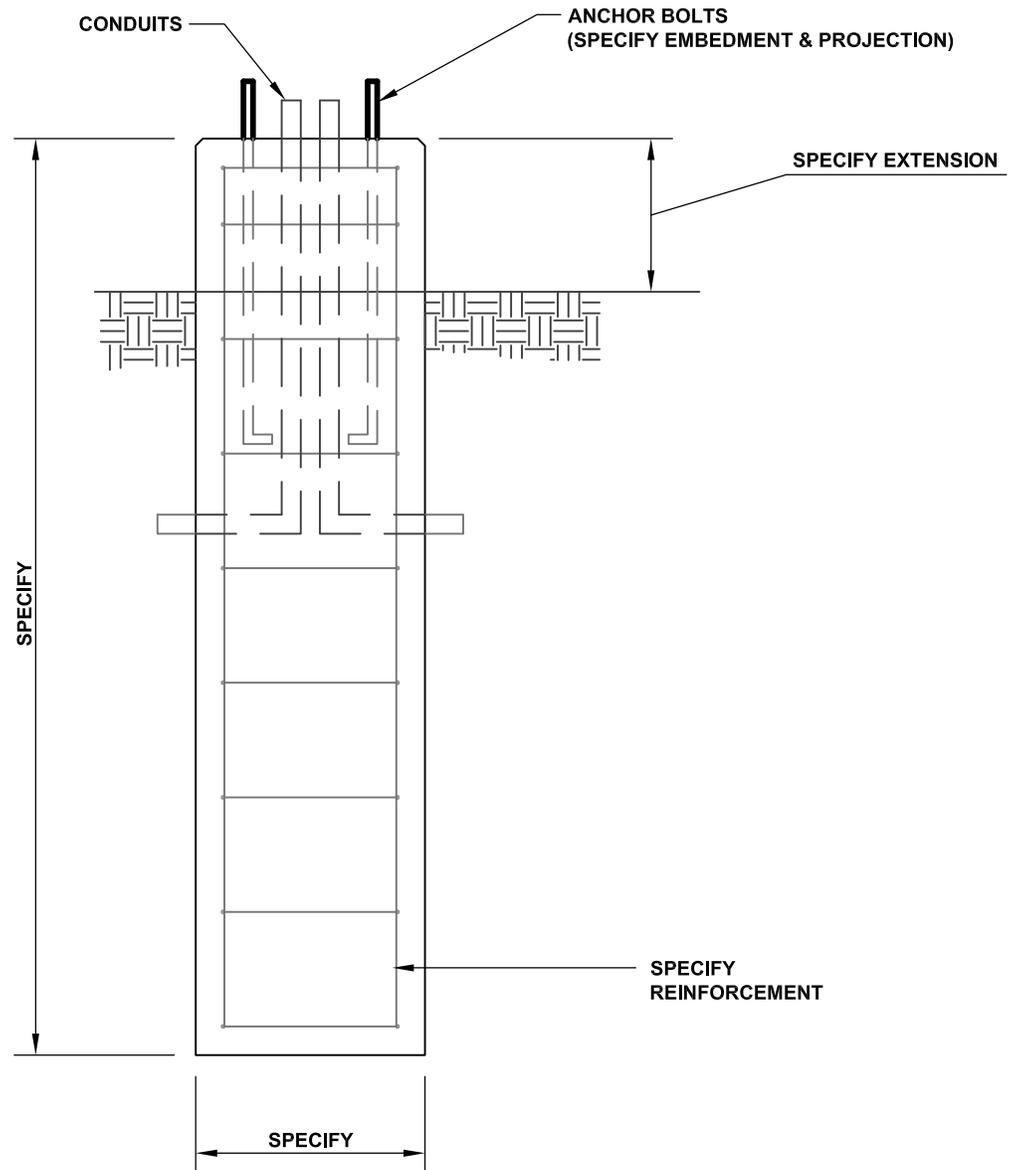
STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $f'_c = 3,500$ PSI.
2. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED).
3. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 3" COVER.
4. SMOOTH FORM FINISH.
5. WIDTH & LENGTH AS REQUIRED.
6. CONDUIT & EMBEDMENTS AS REQUIRED.
7. ANCHOR BOLTS AND CONDUIT FURNISHED BY CONTRACTOR.

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

ROUND LIGHTBASE



ELEVATION

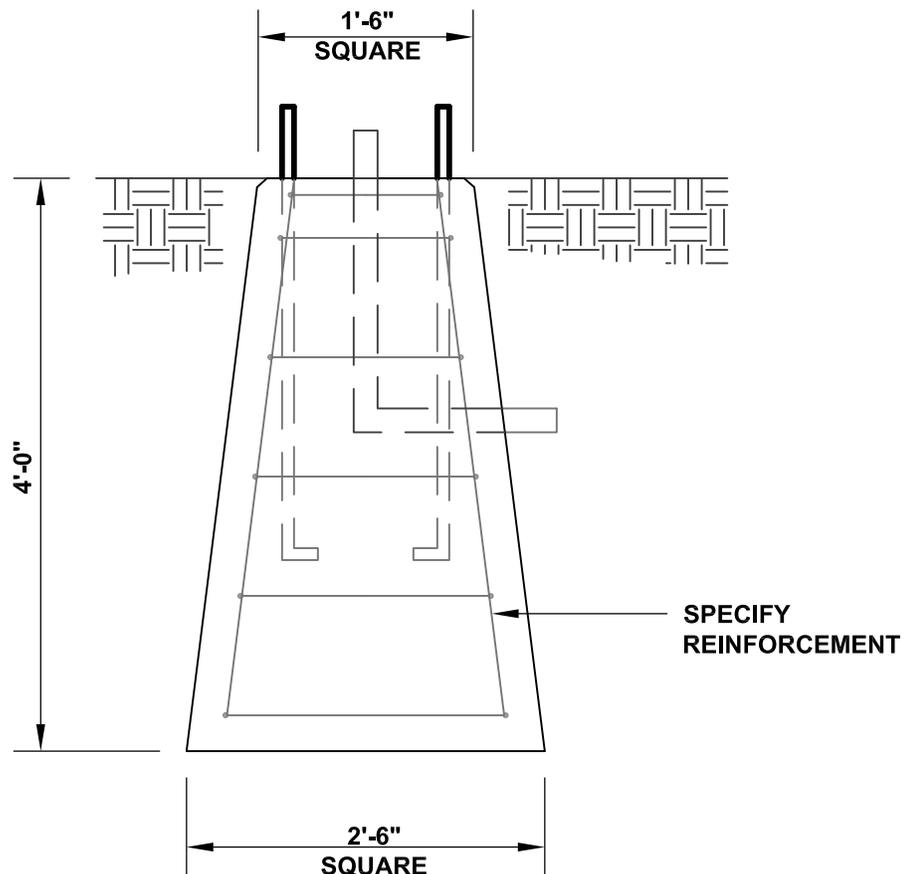
STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $f'_c = 3,500$ PSI.
2. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED).
3. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 3" COVER.
4. SMOOTH FORM FINISH.
5. DIAMETER & LENGTH AS REQUIRED.
6. CONDUIT & EMBEDMENTS AS REQUIRED.
7. ANCHOR BOLTS AND CONDUIT FURNISHED BY CONTRACTOR.

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

LIGHT STANDARD BASE



ELEVATION

APPROX. WEIGHT: 2,600 LB

STANDARD SPECIFICATIONS

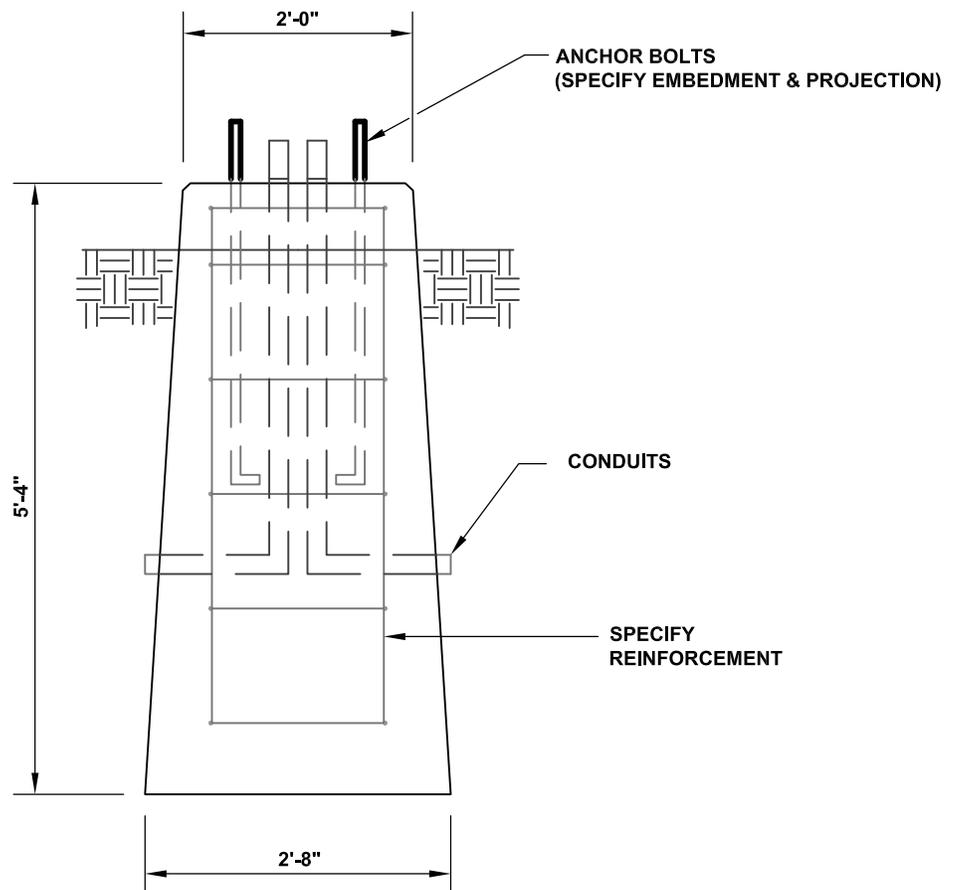
1. MINIMUM CONCRETE COMPRESSIVE STRENGTH $f'_c = 3,500$ PSI.
2. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED).
3. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 3" COVER.
4. STEEL FORM FINISH.
5. CONDUIT & EMBEDMENTS AS REQUIRED.
6. ANCHOR BOLTS, PATTERN, & CONDUIT FURNISHED BY CONTRACTOR.
7. CONFORMS TO RI STANDARD 18.1.

NPCA
CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

SHALLOW TRAPEZOIDAL LIGHTBASE



ELEVATION

APPROX. WEIGHT: 4,500 LB

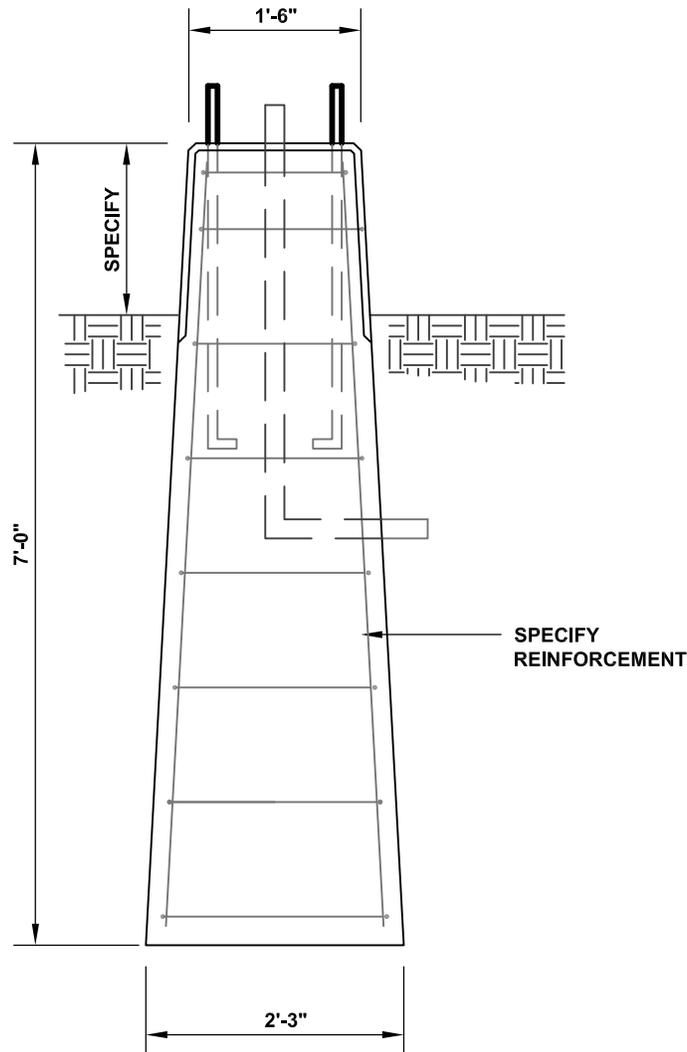
STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $f_c = 3,500$ PSI.
2. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED).
3. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 3" COVER.
4. SMOOTH FORM FINISH.
5. CONDUIT & EMBEDMENTS AS REQUIRED.
6. ANCHOR BOLTS AND CONDUIT FURNISHED BY CONTRACTOR

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

TRAPEZOIDAL LIGHTBASE



ELEVATION

APPROX. WEIGHT: 3,900 LB

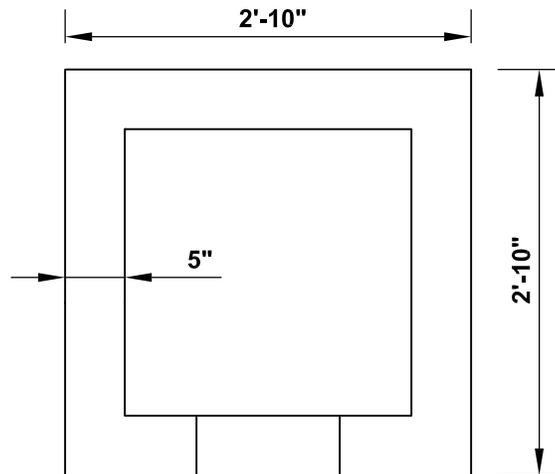
STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $f'_c = 3,500$ PSI
2. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
3. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 3" COVER
4. SMOOTH FORM FINISH
5. CONDUIT & EMBEDMENTS AS REQUIRED
6. ANCHOR BOLTS AND CONDUIT FURNISHED BY CONTRACTOR

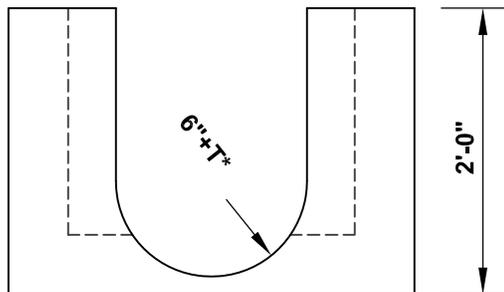
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

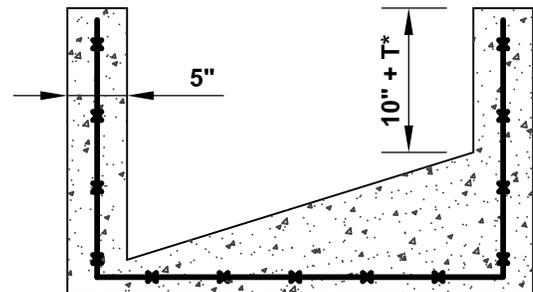
DROP INLET



PLAN



ELEVATION



SECTION

* TW = WALL THICKNESS OF 12" RCP

APPROX. WEIGHT: 1,300 LB

STANDARD SPECIFICATIONS

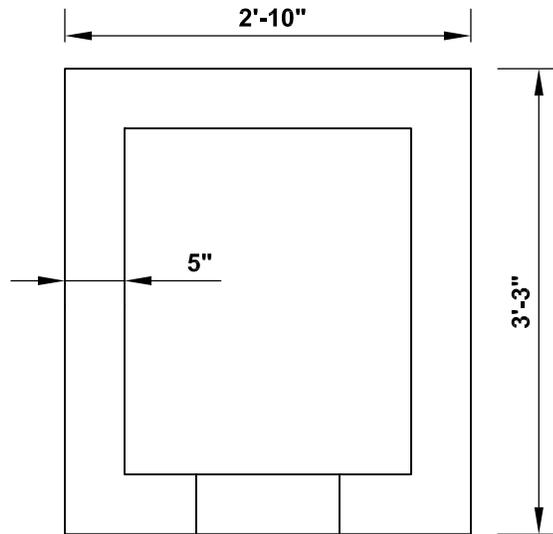
1. MINIMUM REINFORCEMENT 6x6-W6xW6
2. MINIMUM CONCRETE COVER OF 2"
3. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
4. CONFORMS TO RI STANDARD 4.5.0

NPCA
CERTIFIED PLANT

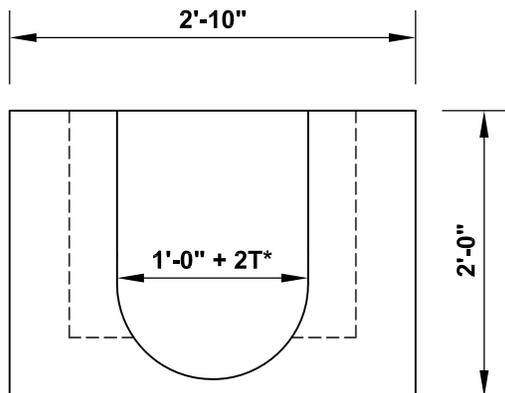
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

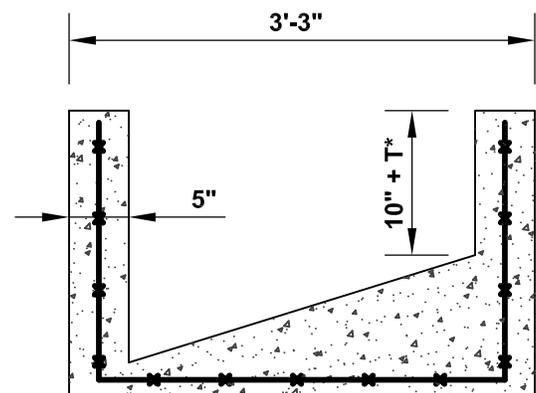
DROP INLET LATERAL OUTLET



PLAN



ELEVATION



SECTION

*T = WALL THICKNESS OF 12" RCP

APPROX. WEIGHT: 1,600 LB

STANDARD SPECIFICATIONS

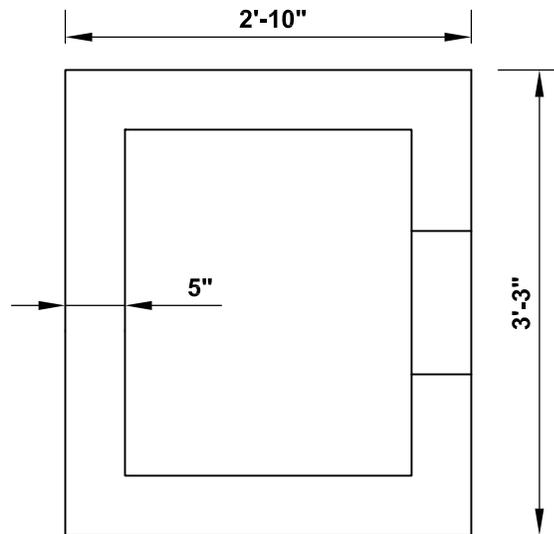
1. MINIMUM REINFORCEMENT 6x6-W6xW6
2. MINIMUM CONCRETE COVER OF 2"
3. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
4. CONFORMS TO RI STANDARD 4.5.1

NPCA
CERTIFIED PLANT

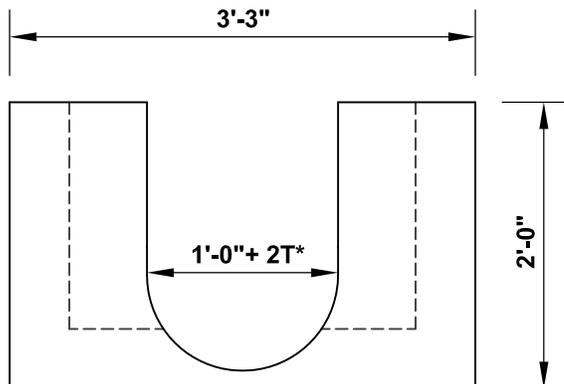
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

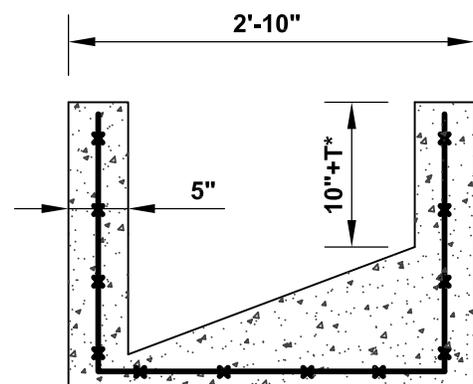
DROP INLET LONGITUDINAL OUTLET



PLAN



ELEVATION



SECTION

* T = WALL THICKNESS OF 12" RCP

APPROX. WEIGHT: 1,600 LB

STANDARD SPECIFICATIONS

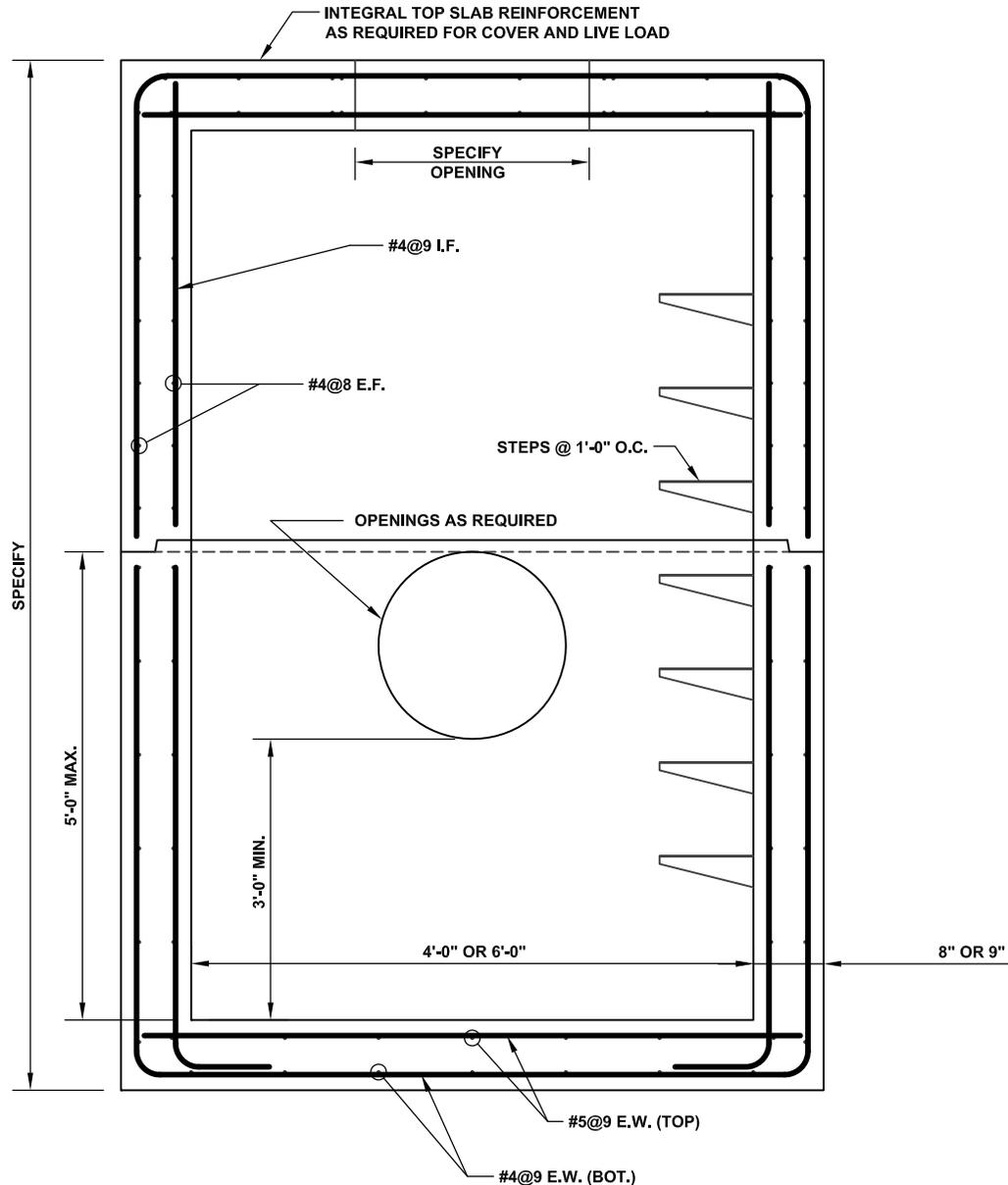
1. MINIMUM REINFORCEMENT 6x6-W6xW6
2. MINIMUM CONCRETE COVER OF 2"
3. 5,000 PSI - ZERO SLUMP PORTLAND CEMENT CONCRETE MIX.
4. CONFORMS TO RI STANDARD 4.5.2

NPCA
CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

4'-0" OR 6'-0" SQUARE MANHOLE OR CATCH BASIN



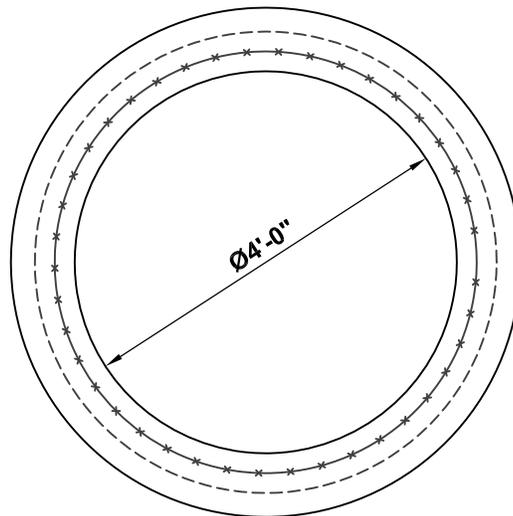
STANDARD SPECIFICATIONS

1. DESIGNED FOR HS20 LOADING.
2. OPENINGS AS SPECIFIED.
3. 5,000 PSI PORTLAND CEMENT CONCRETE MIX.
4. CONFORMS TO RI STANDARD 4.3.0

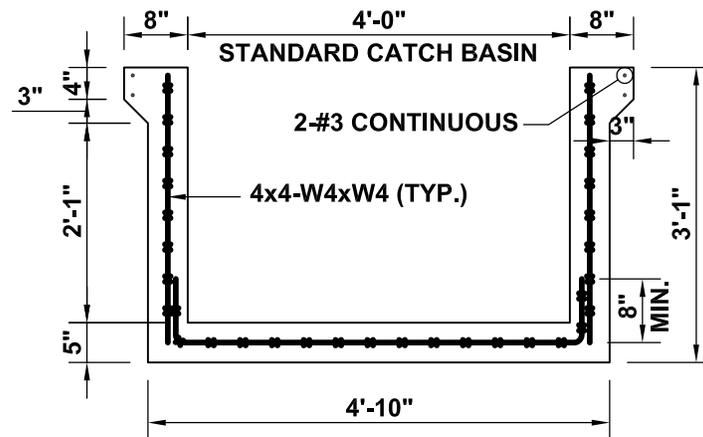
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

PRECAST CONCRETE SUMP FOR CATCH BASINS



PLAN



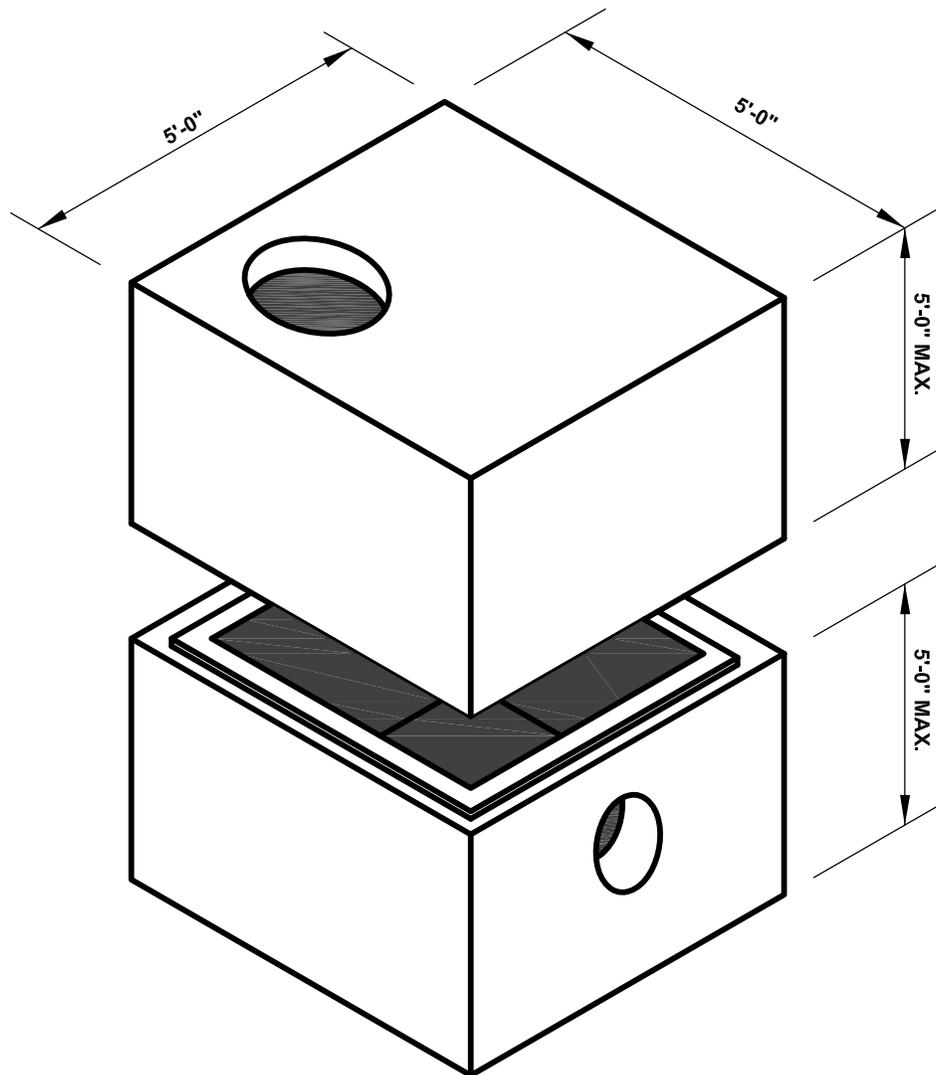
SECTION

STANDARD SPECIFICATIONS

1. SMOOTH FORM FINISH.
2. 4,000 PSI PORTLAND CEMENT CONCRETE MIX.
3. CONFORMS TO RI STANDARD 5.1.0

DURASTONE

4'x4' MANHOLE



**APPROX. WEIGHT: 15,400 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

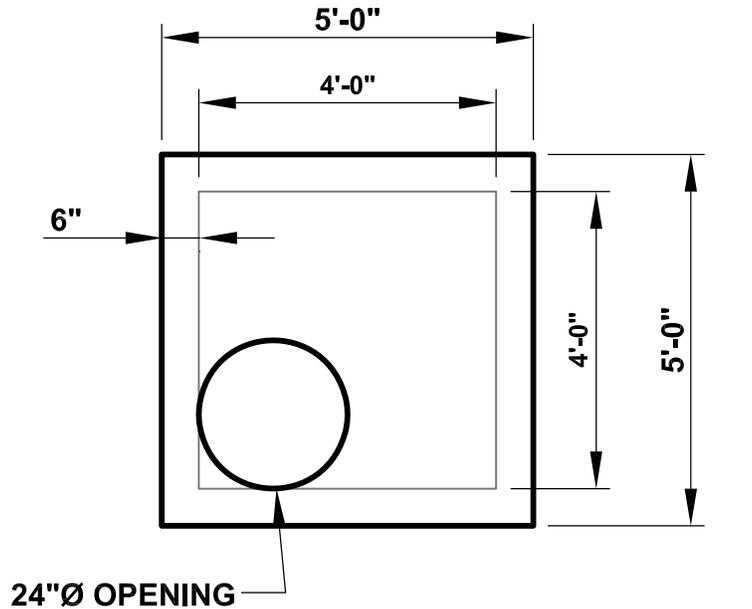
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

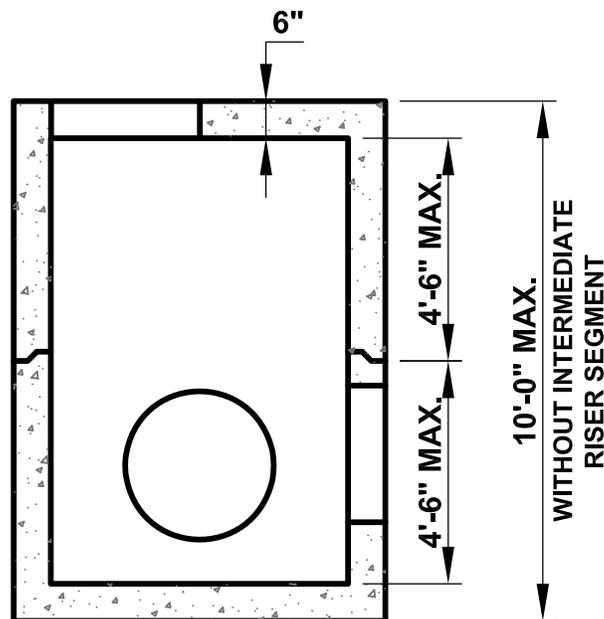
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

4'x4' MANHOLE



PLAN



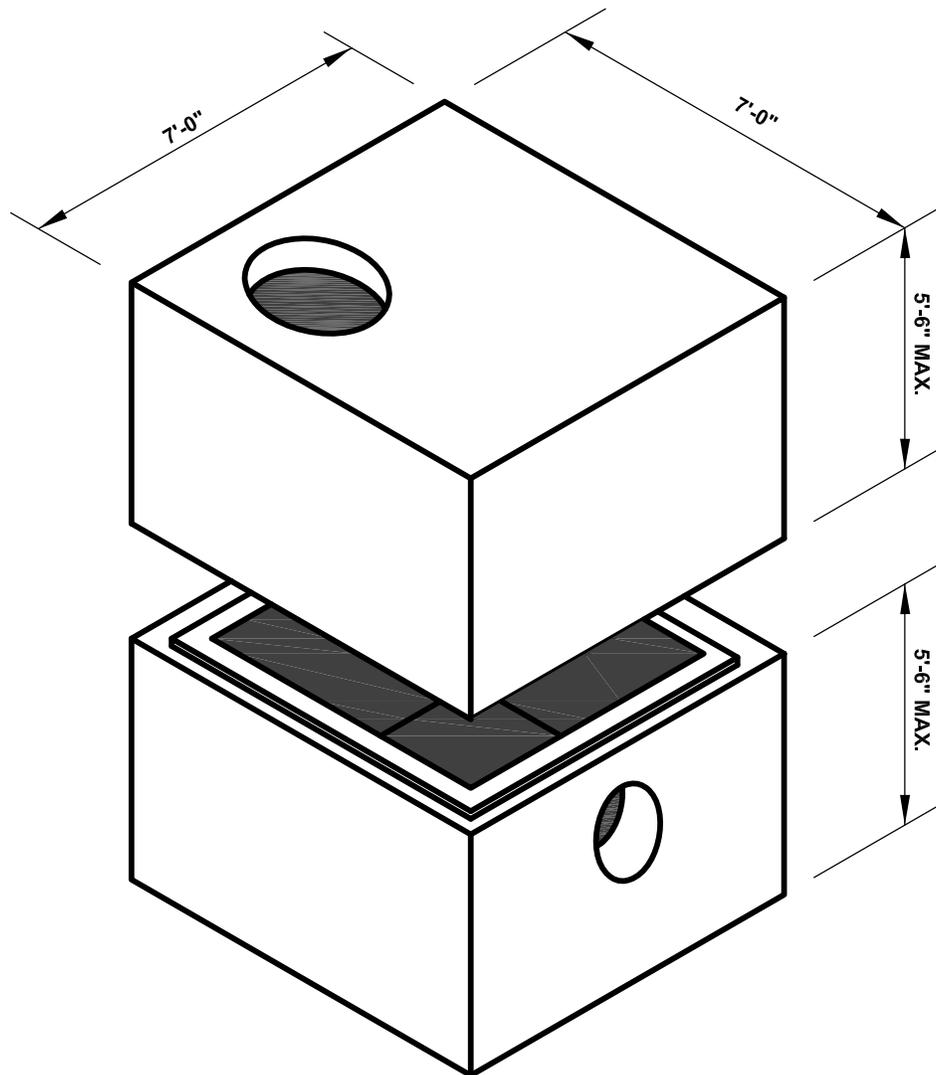
SECTION

STANDARD SPECIFICATIONS

- MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
- REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
- DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
- AASHTO HS20 LIVE LOAD
- JOINT SEALANT: 1" BUTYL RUBBER
- OPENINGS: CAST TO SUIT

DURASTONE

6'x6' MANHOLE



**APPROX. WEIGHT: 26,300 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

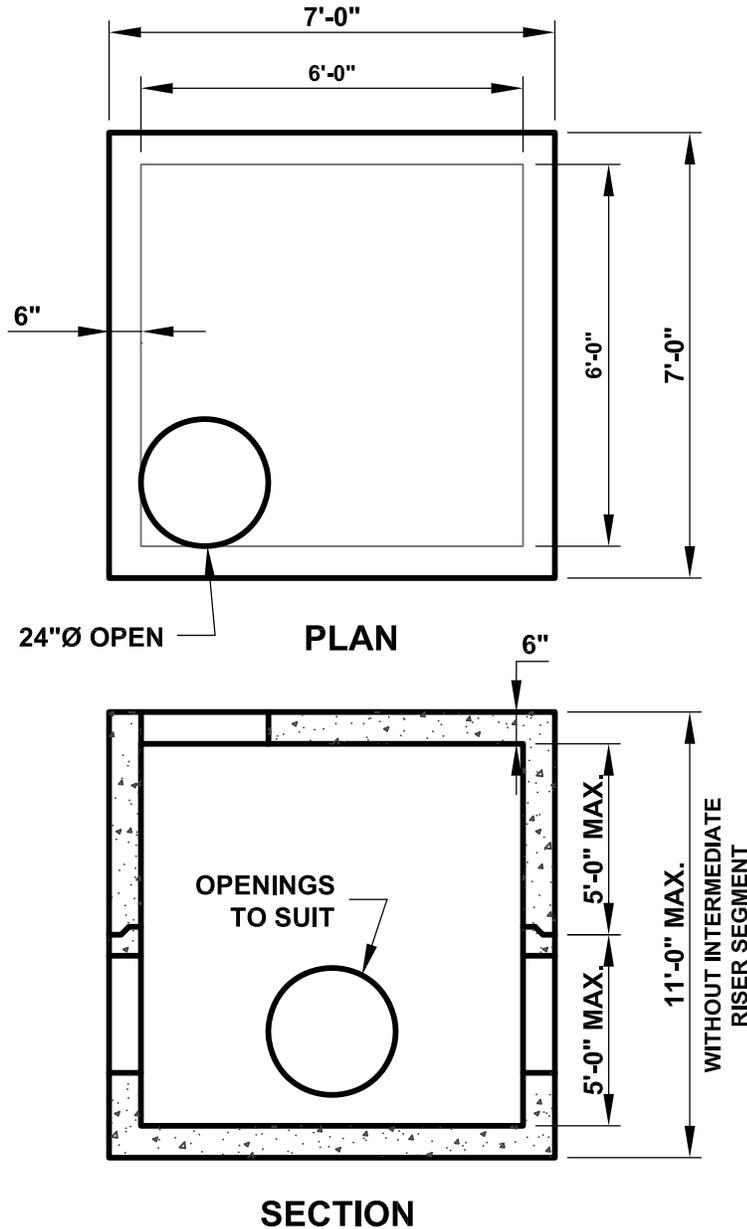
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

6'x6' MANHOLE

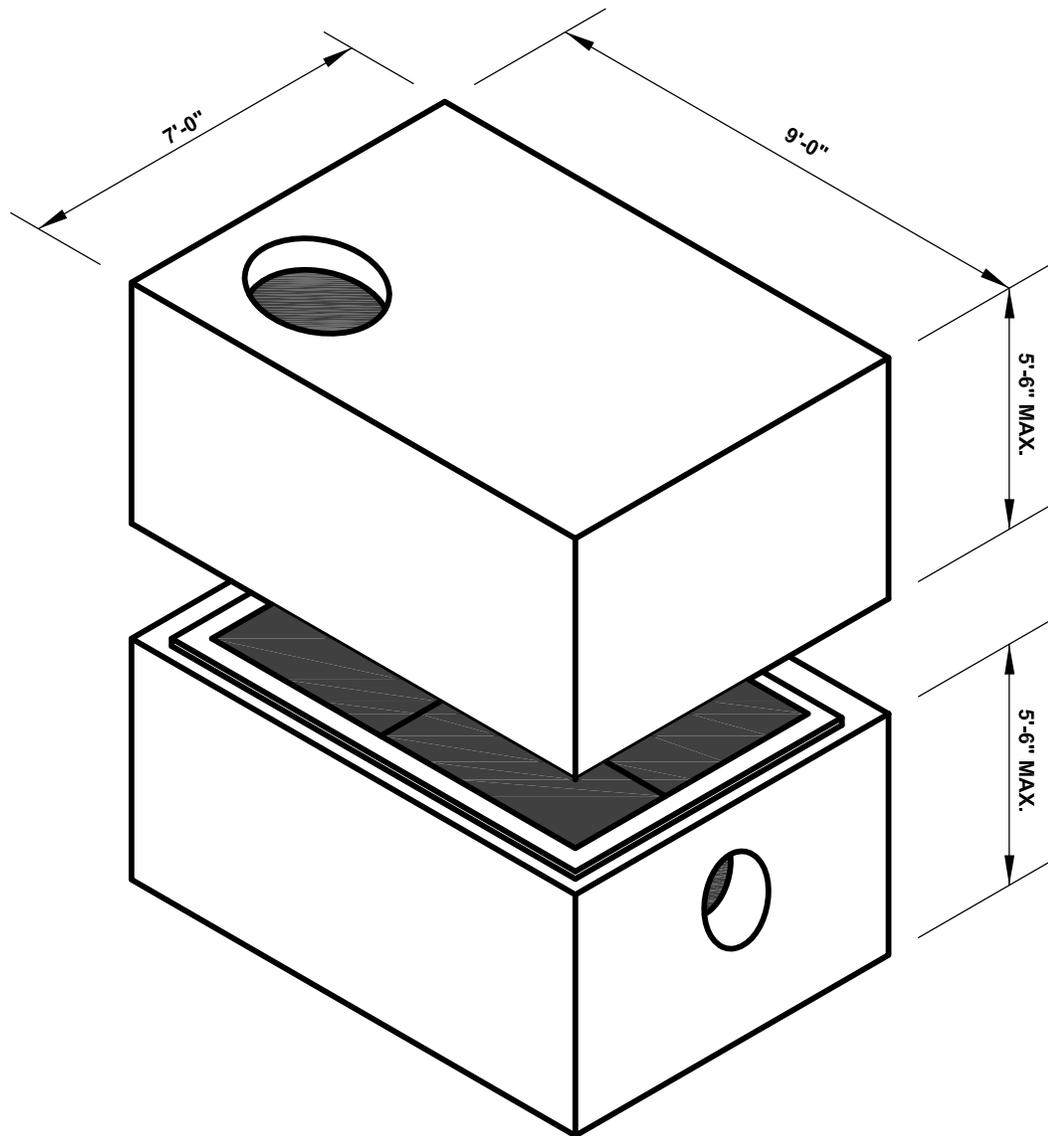


STANDARD SPECIFICATIONS

- MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
- REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
- DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
- AASHTO HS20 LIVE LOAD
- JOINT SEALANT: 1" BUTYL RUBBER
- OPENINGS: CAST TO SUIT

DURASTONE

6'x8' MANHOLE



**APPROX. WEIGHT: 31,400 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

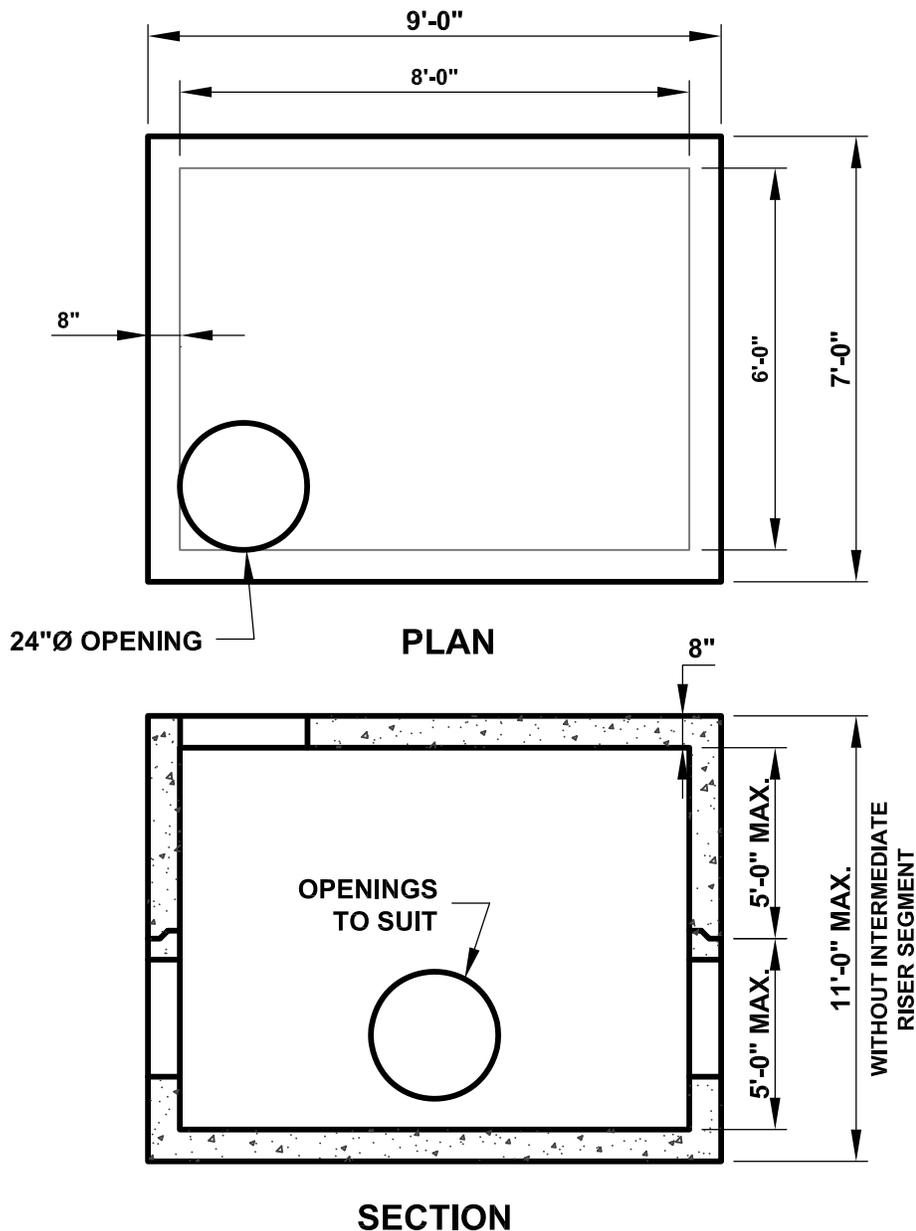
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

6'x8' MANHOLE

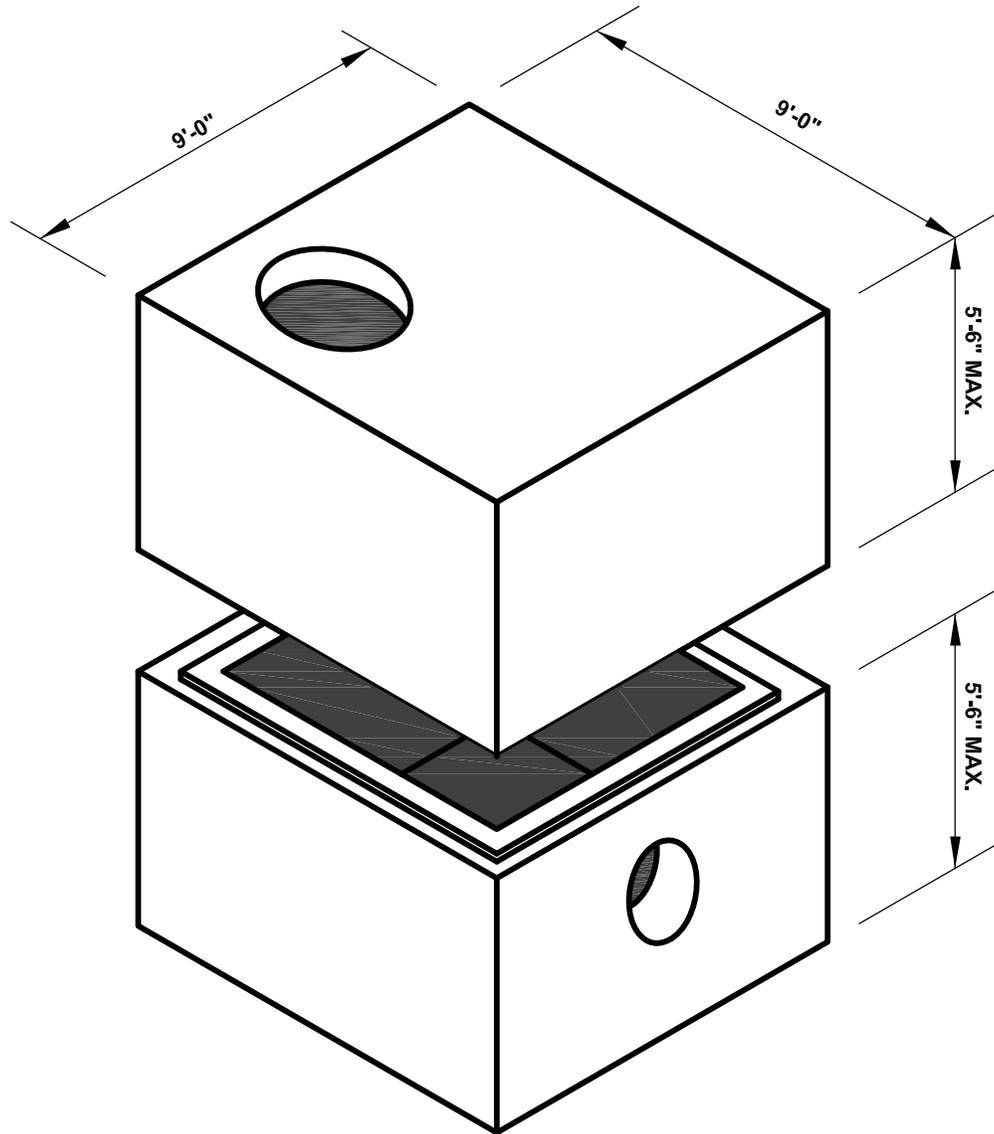


STANDARD SPECIFICATIONS

- MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
- REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
- DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
- AASHTO HS20 LIVE LOAD
- JOINT SEALANT: 1" BUTYL RUBBER
- OPENINGS: CAST TO SUIT

DURASTONE

8'x8' MANHOLE



**APPROX. WEIGHT: 37,100 LB
AT MAX. HEIGHT W/O RISER**

**INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH**

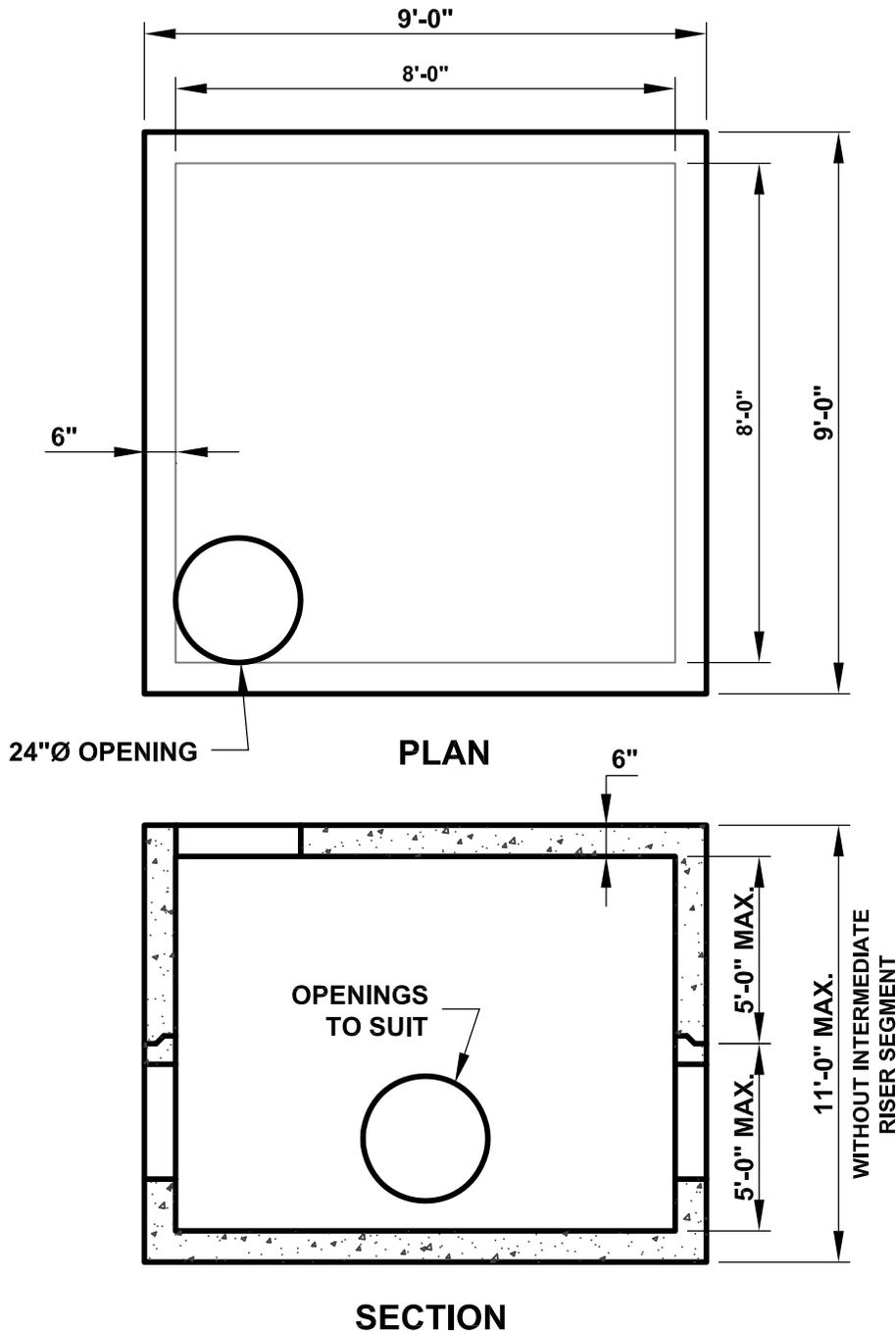
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

8'x8' MANHOLE

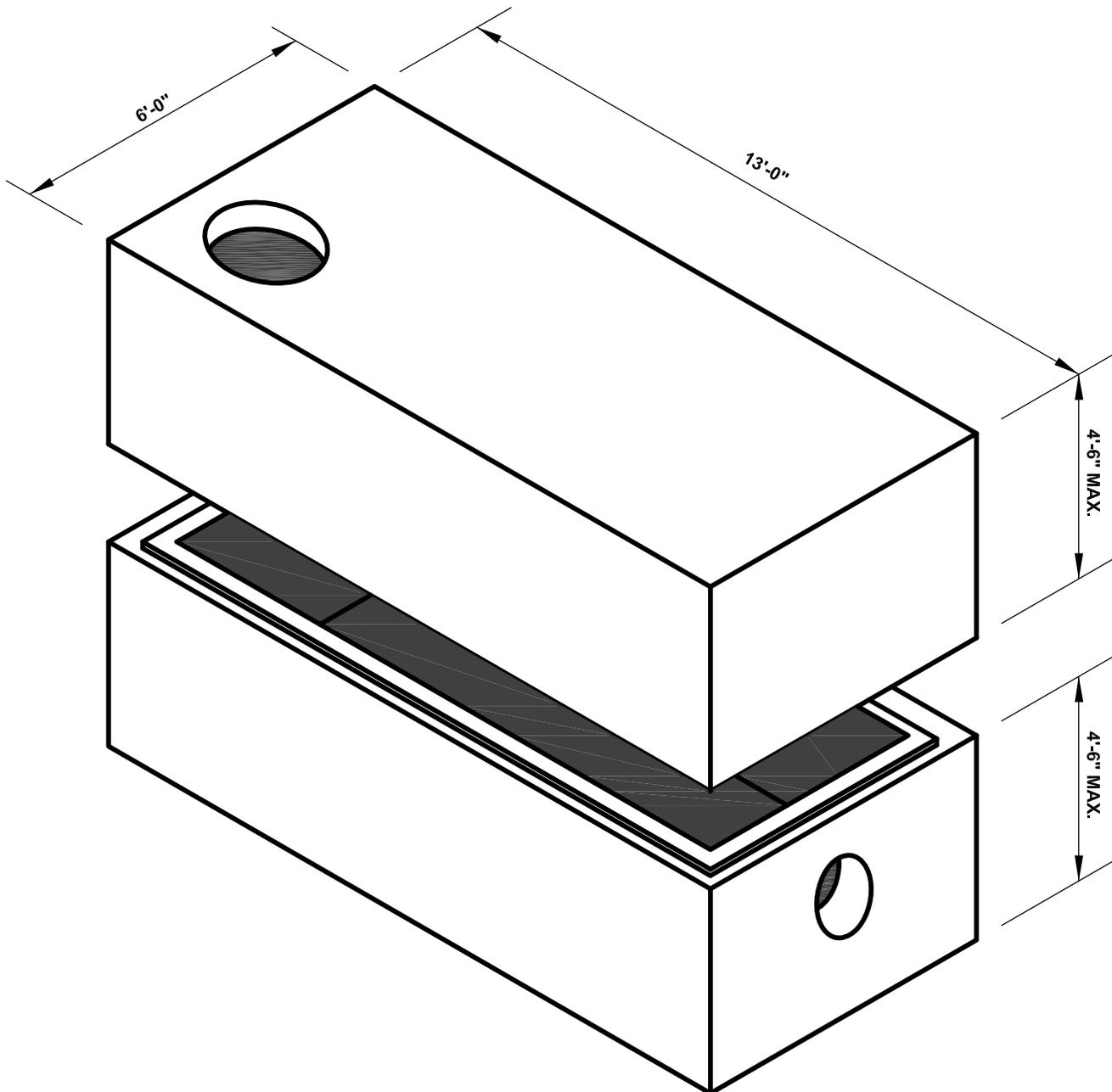


STANDARD SPECIFICATIONS

- MINIMUM CONCRETE COMPRESSIVE STRENGTH: F'c = 5,000 PSI
- REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
- DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
- AASHTO HS20 LIVE LOAD
- JOINT SEALANT: 1" BUTYL RUBBER
- OPENINGS: CAST TO SUIT

DURASTONE

5'x12' MANHOLE



**APPROX. WEIGHT: 32,800 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

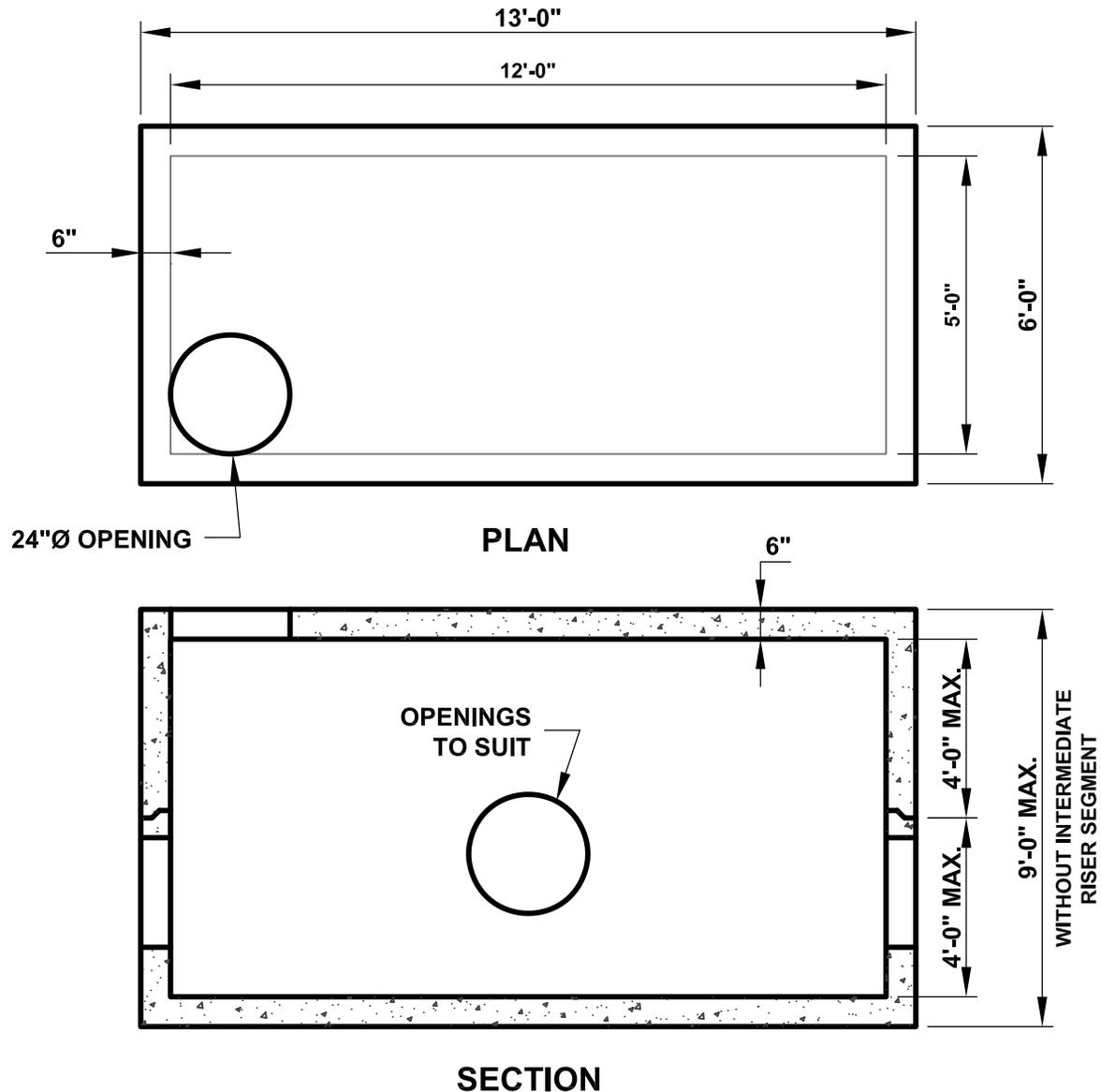
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

5'x12' MANHOLE

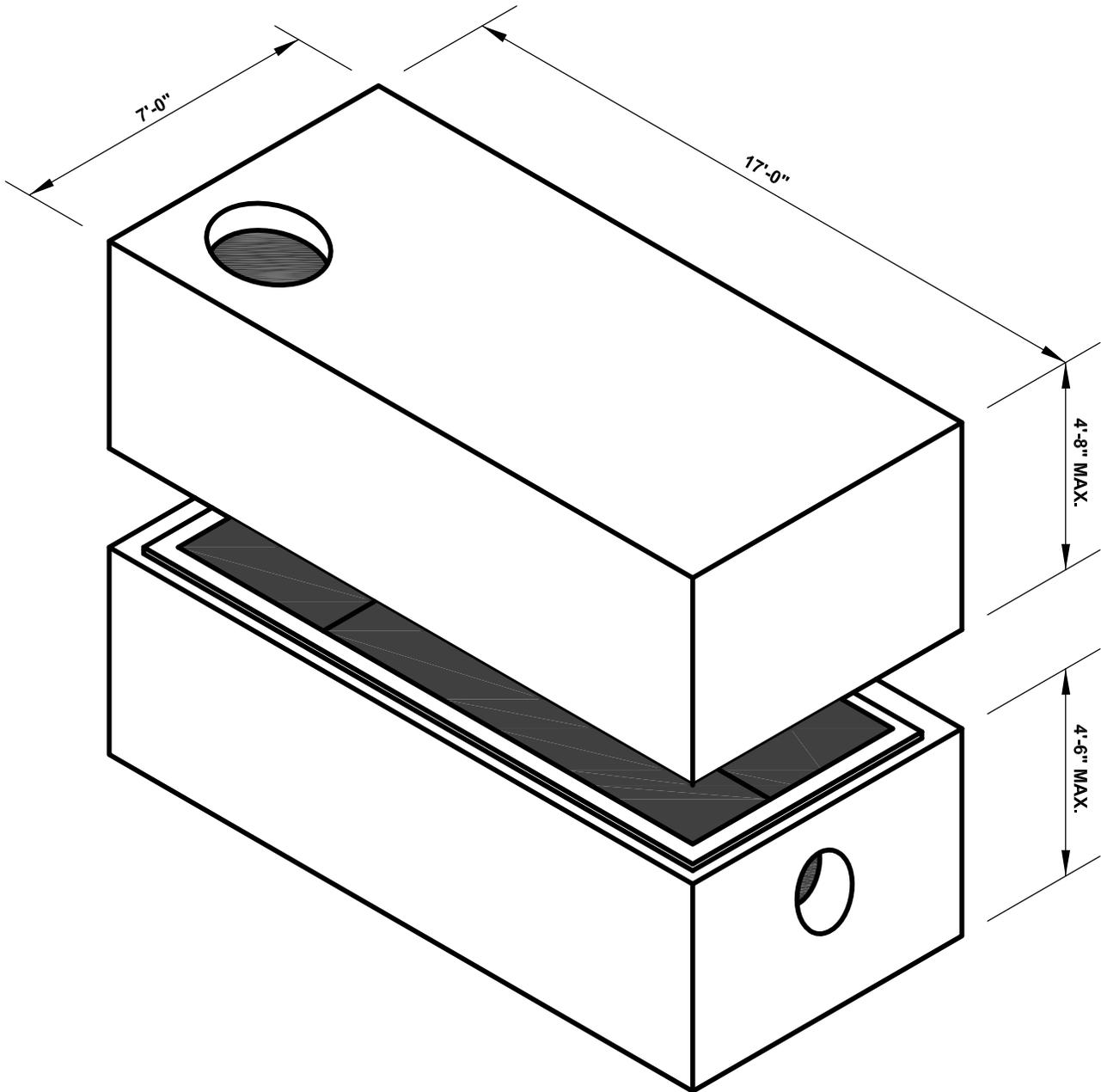


STANDARD SPECIFICATIONS

- MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
- REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
- DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
- AASHTO HS20 LIVE LOAD
- JOINT SEALANT: 1" BUTYL RUBBER
- OPENINGS: CAST TO SUIT

DURASTONE

6'x16' MANHOLE



**APPROX. WEIGHT: 48,000 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

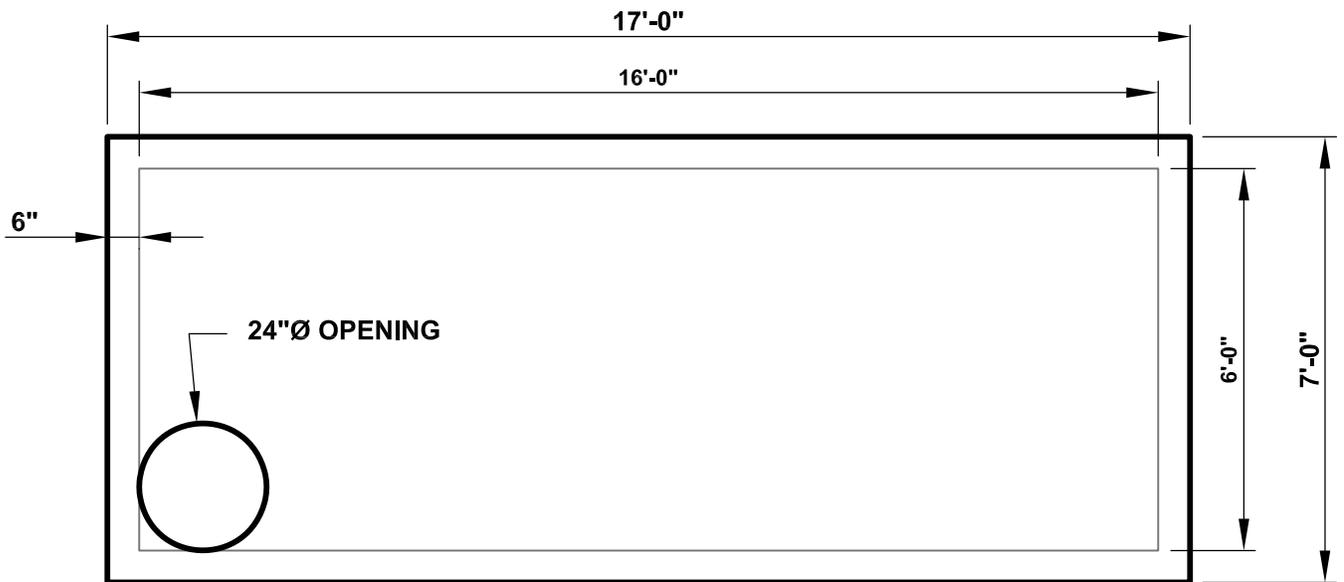
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

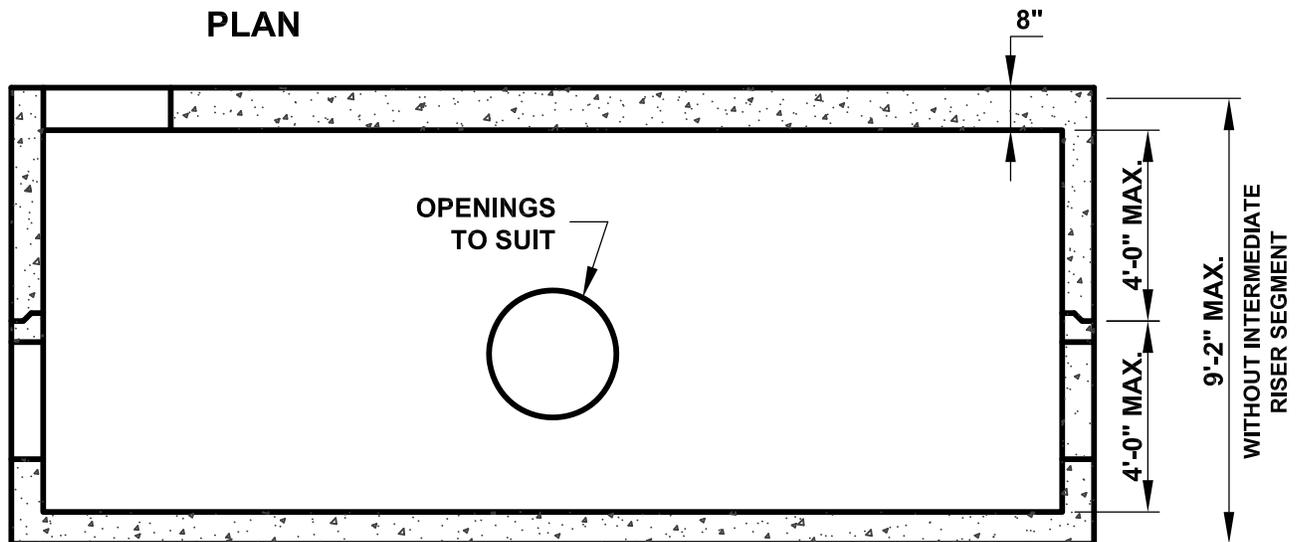
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

6'x16' MANHOLE



PLAN



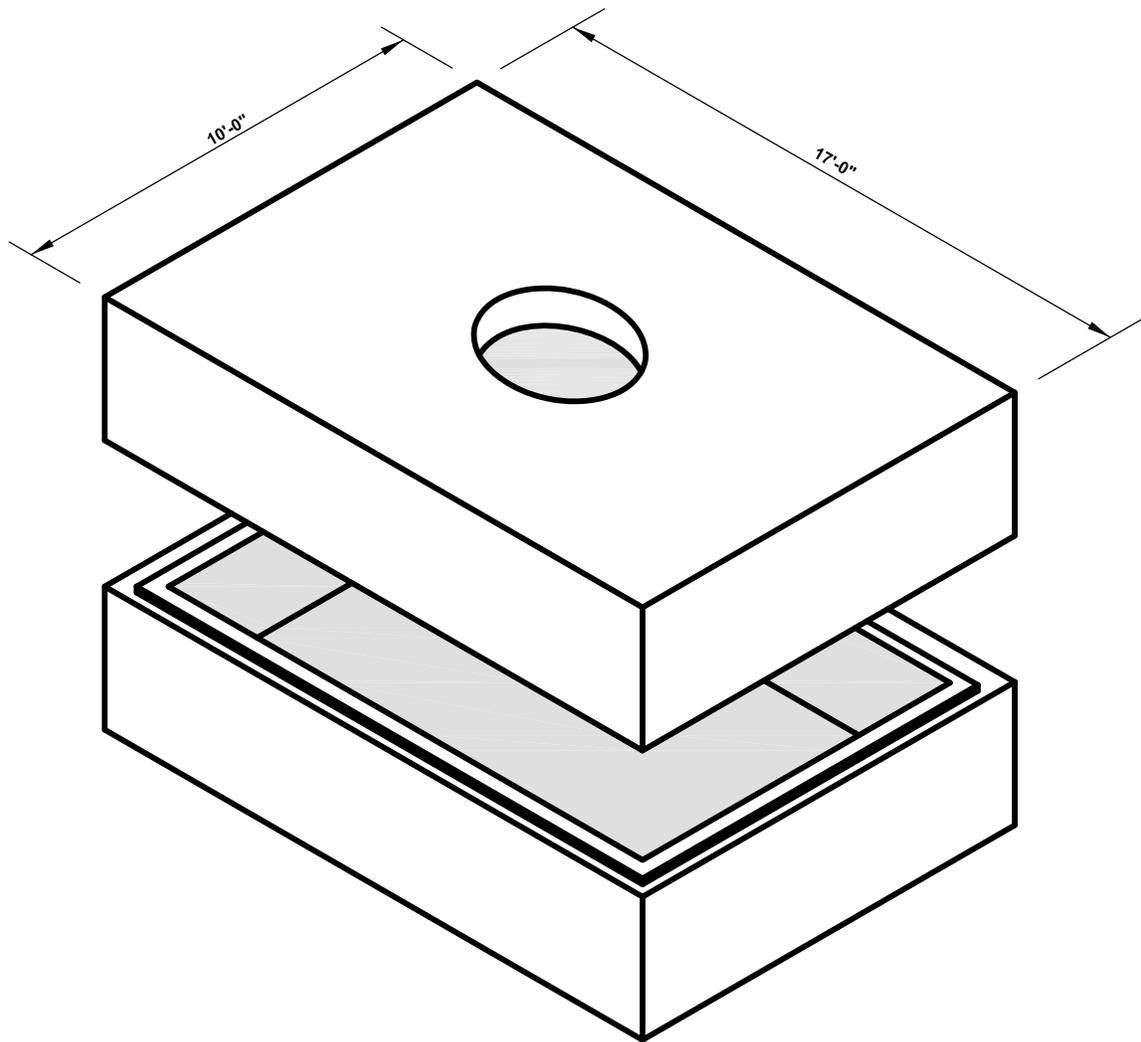
SECTION

STANDARD SPECIFICATIONS

- MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
- REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
- DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
- AASHTO HS20 LIVE LOAD
- JOINT SEALANT: 1" BUTYL RUBBER
- OPENINGS: CAST TO SUIT

DURASTONE

9'x16' MANHOLE



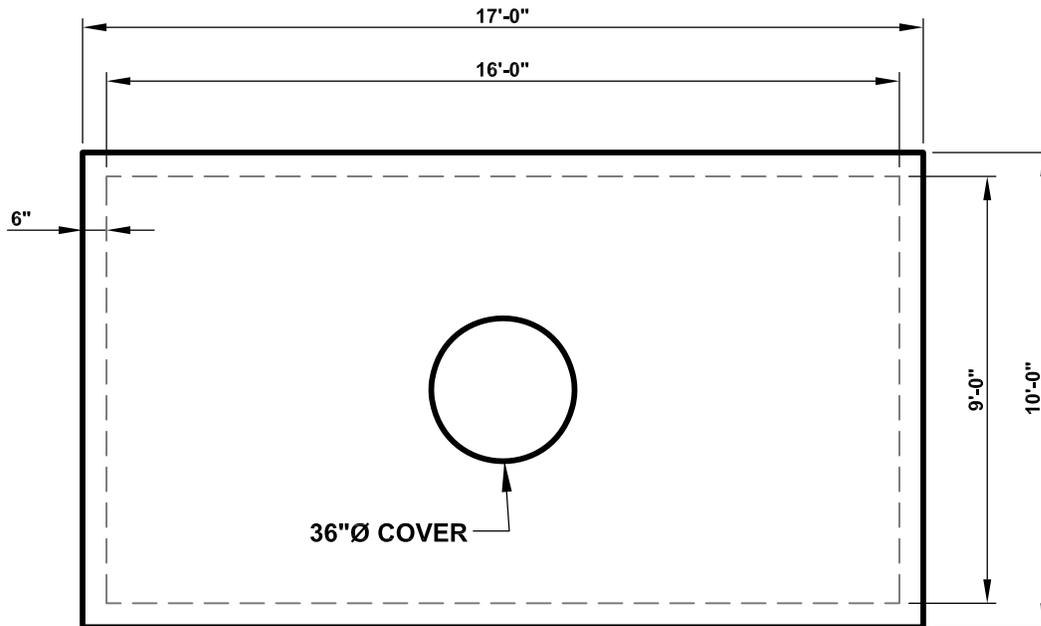
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

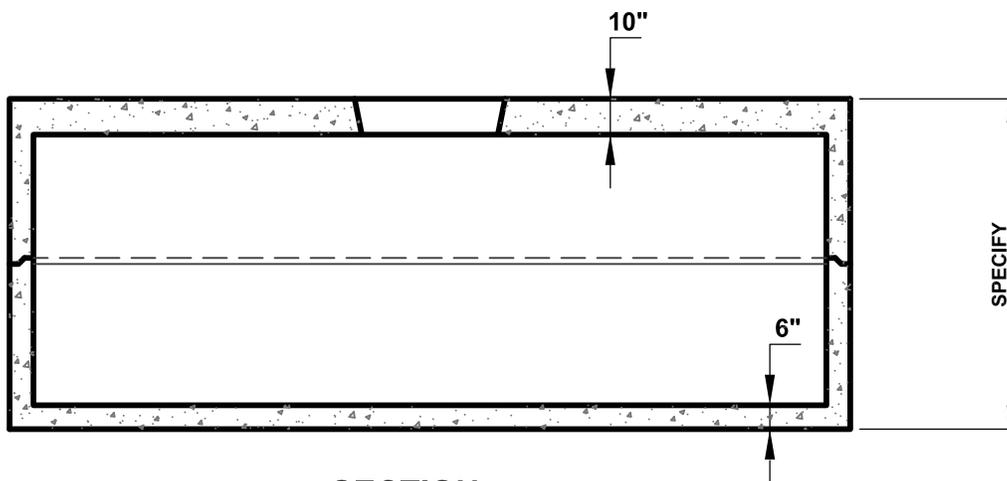
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

9'x16' MANHOLE



PLAN



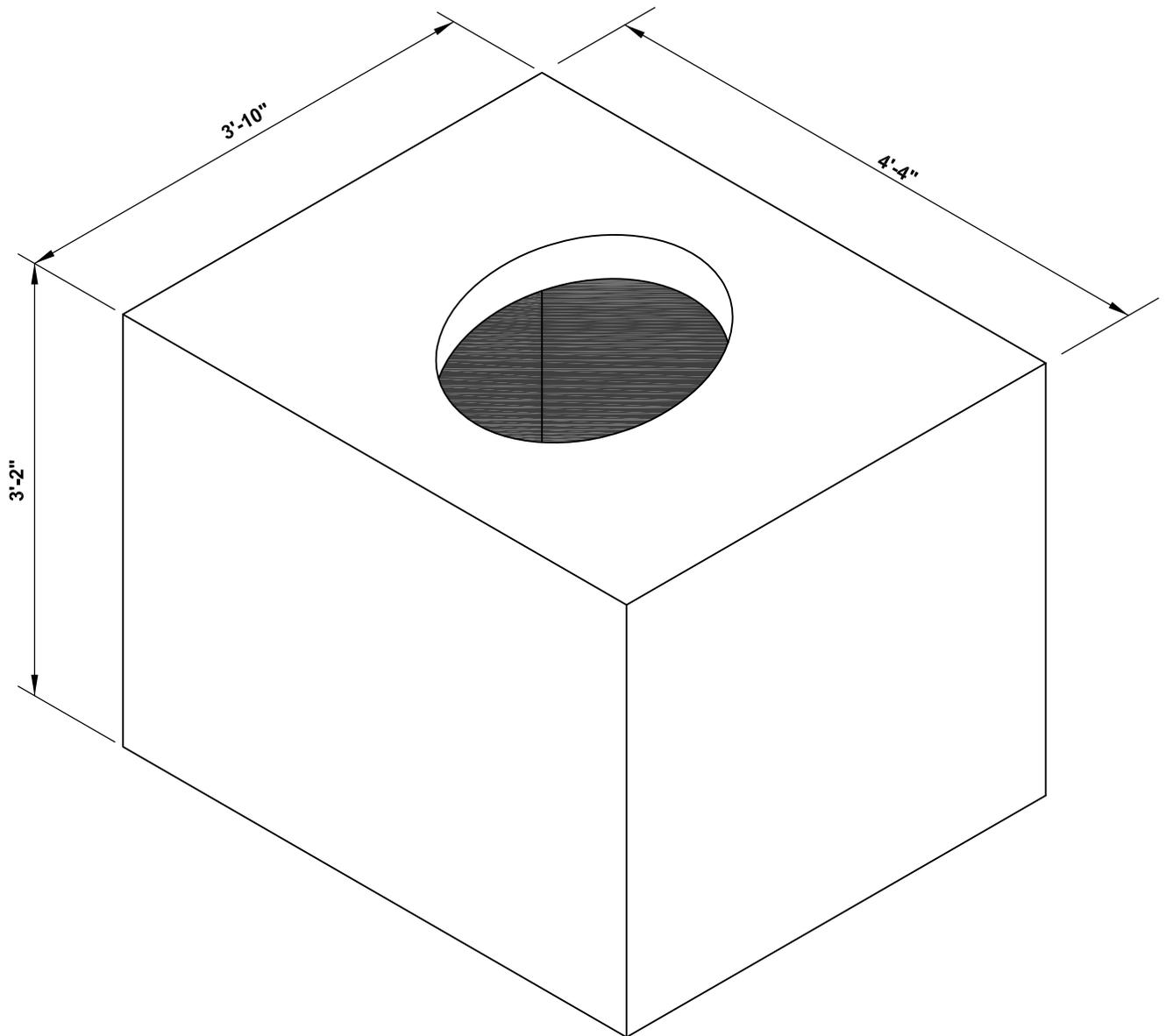
SECTION

STANDARD SPECIFICATIONS

- MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
- REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
- DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
- AASHTO HL93 LIVE LOAD
- JOINT SEALANT: 1" BUTYL RUBBER
- OPENINGS: CAST TO SUIT

DURASTONE

UTILITY HANDHOLE "A"



APPROX. WEIGHT: 5,100 LB

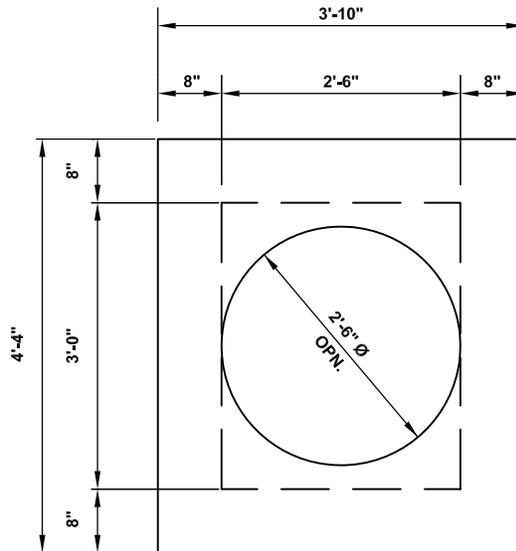
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

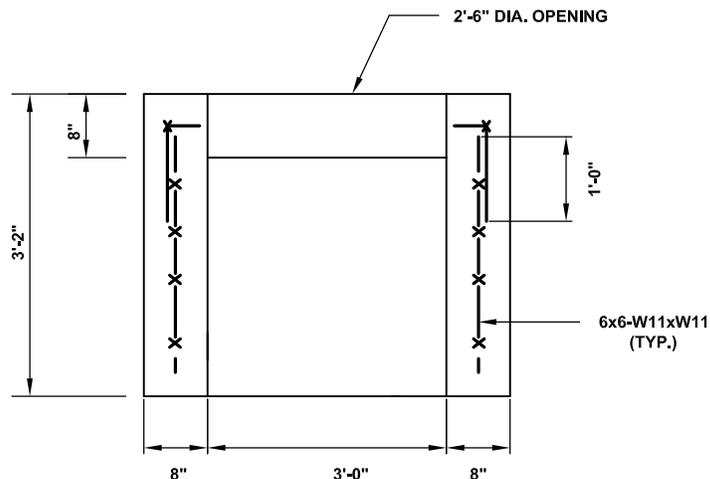
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

UTILITY HANDHOLE "A"



PLAN



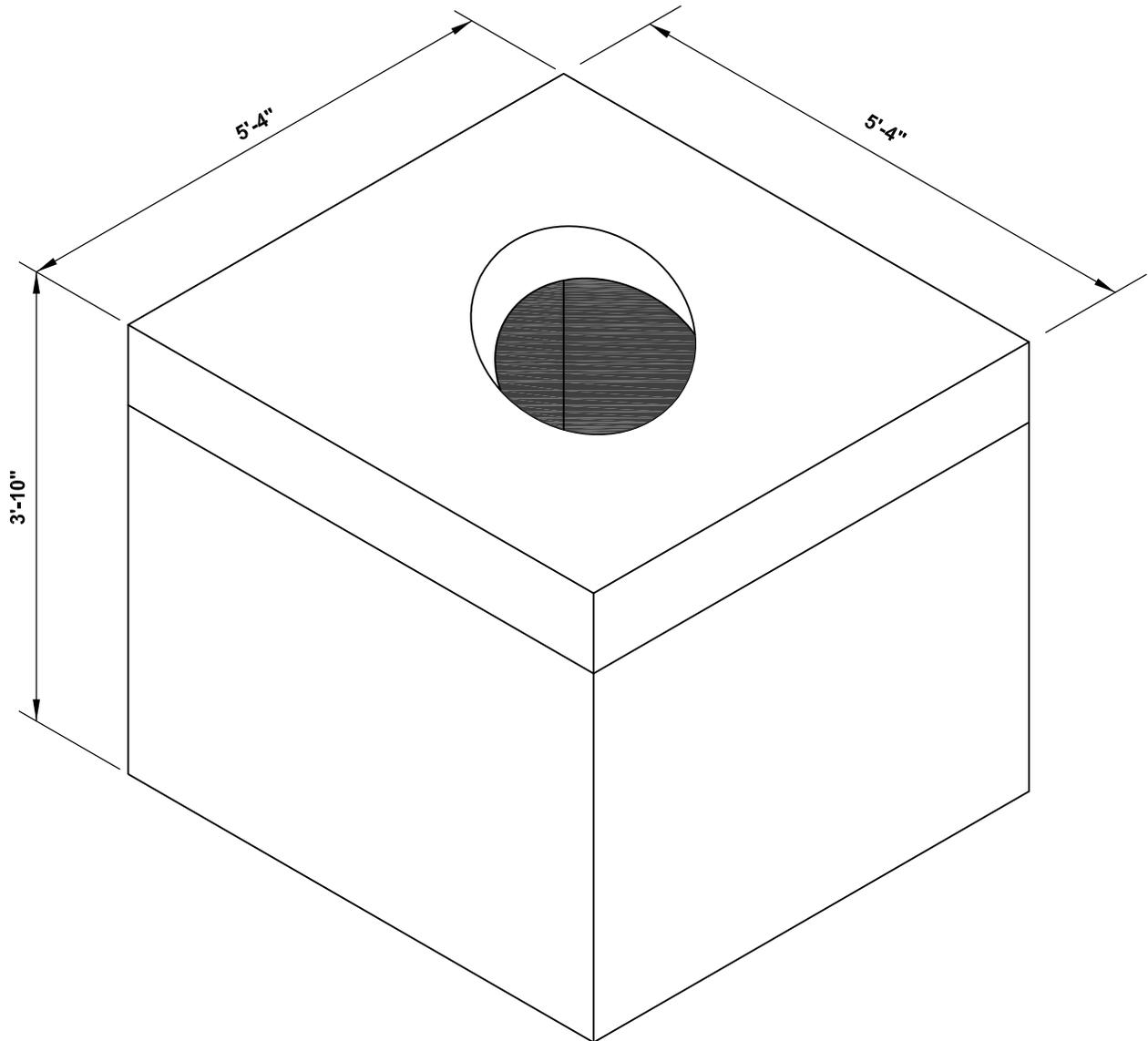
SECTION

STANDARD SPECIFICATIONS

- MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
- REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
- DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
- AASHTO HS20 LIVE LOAD
- OPENINGS: NUMBER, LOCATION & SIZE OF CONDUITS AS REQUIRED.

DURASTONE

UTILITY HANDHOLE "B"



APPROX. WEIGHT:

TOP: 1,700 LB

BASE: 7,500 LB

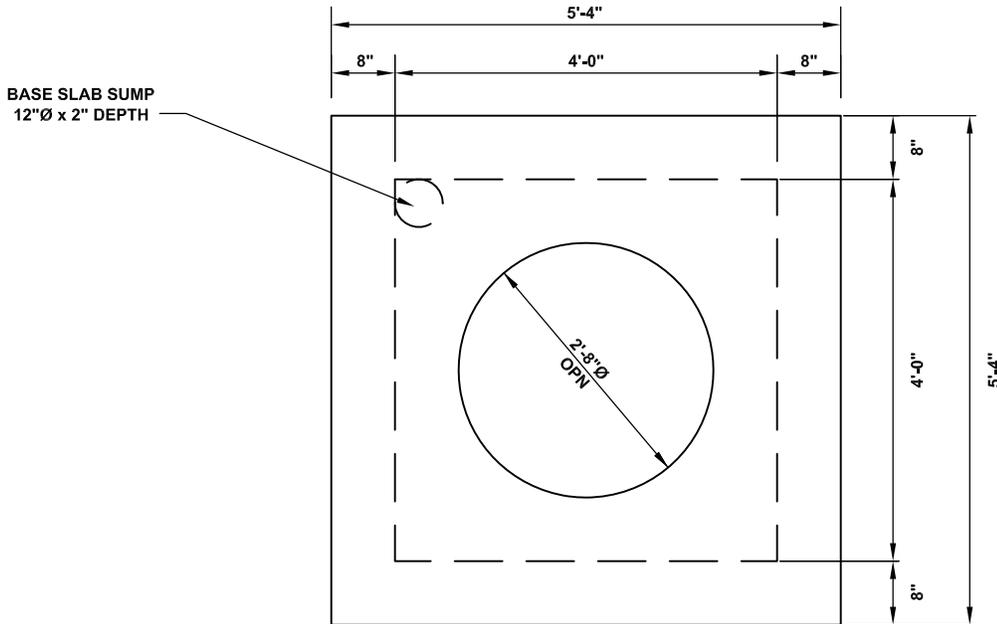
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

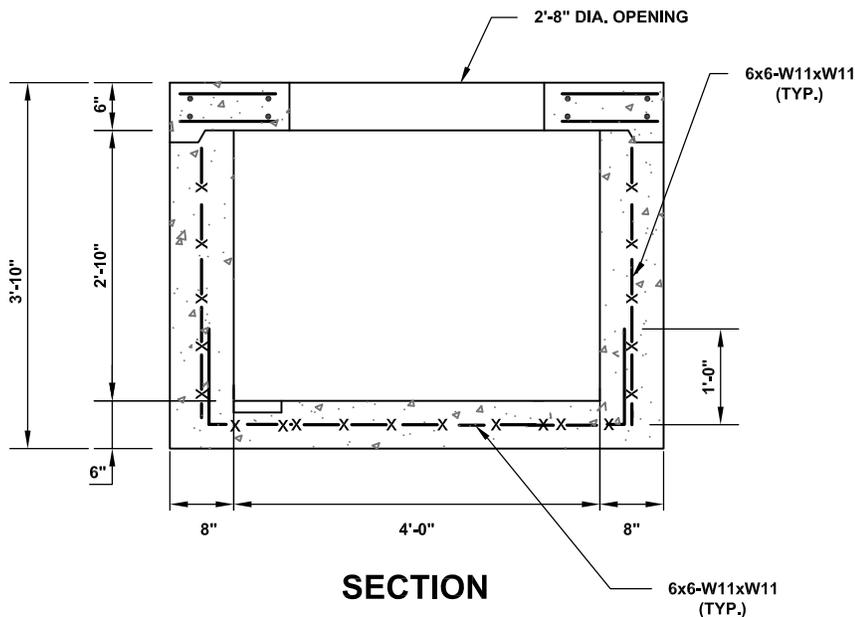
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

UTILITY HANDHOLE "B"



PLAN



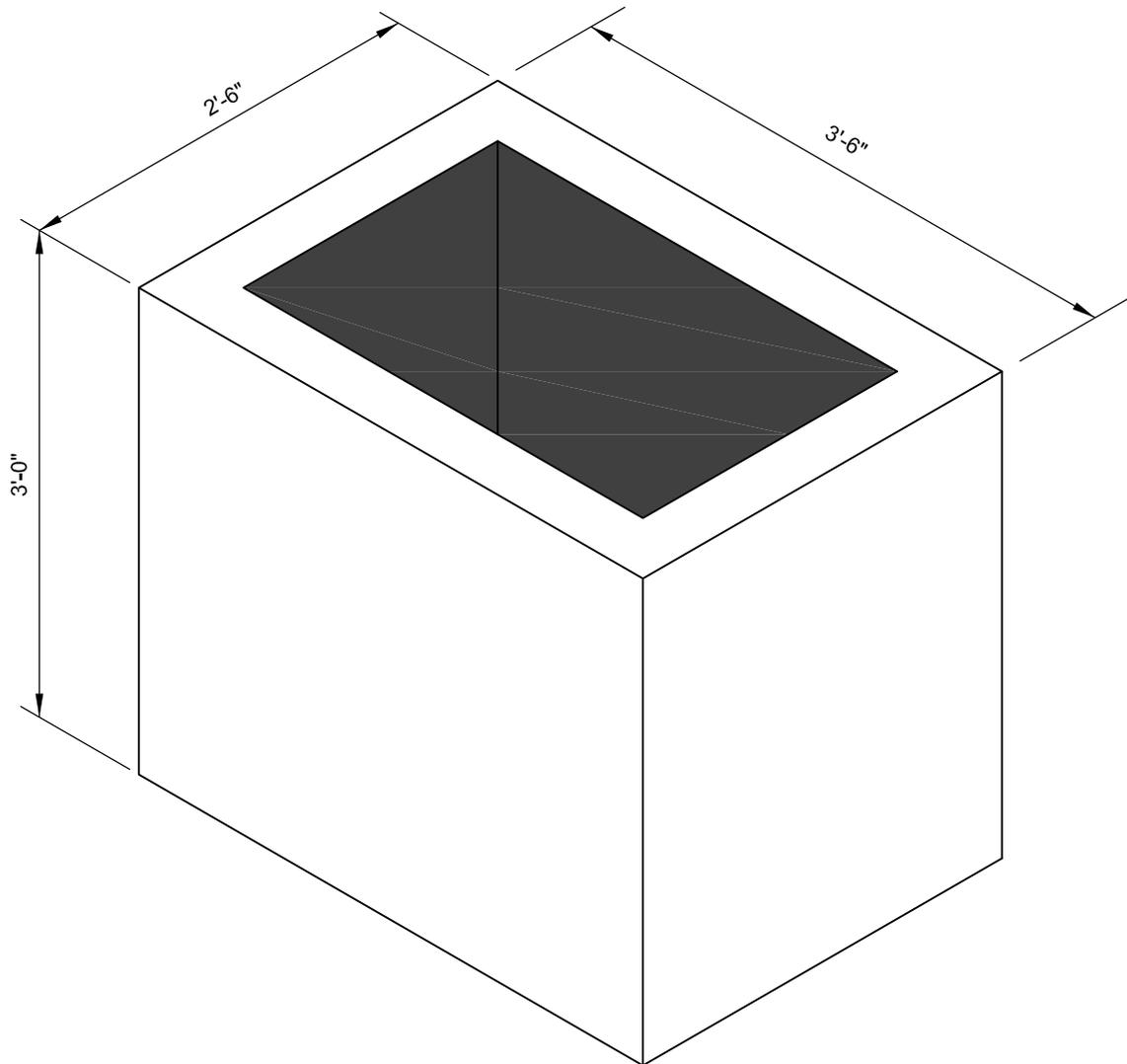
SECTION

STANDARD SPECIFICATIONS

- MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
- REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
- DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
- AASHTO HS20 LIVE LOAD
- OPENINGS: NUMBER, LOCATION & SIZE AS REQUIRED.

DURASTONE

UTILITY HANDHOLE "C"



APPROX. WEIGHT: 1,600 LB

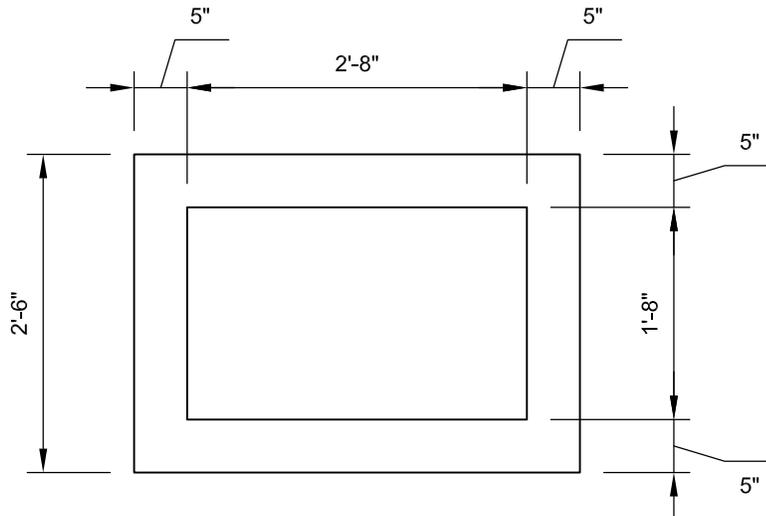
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

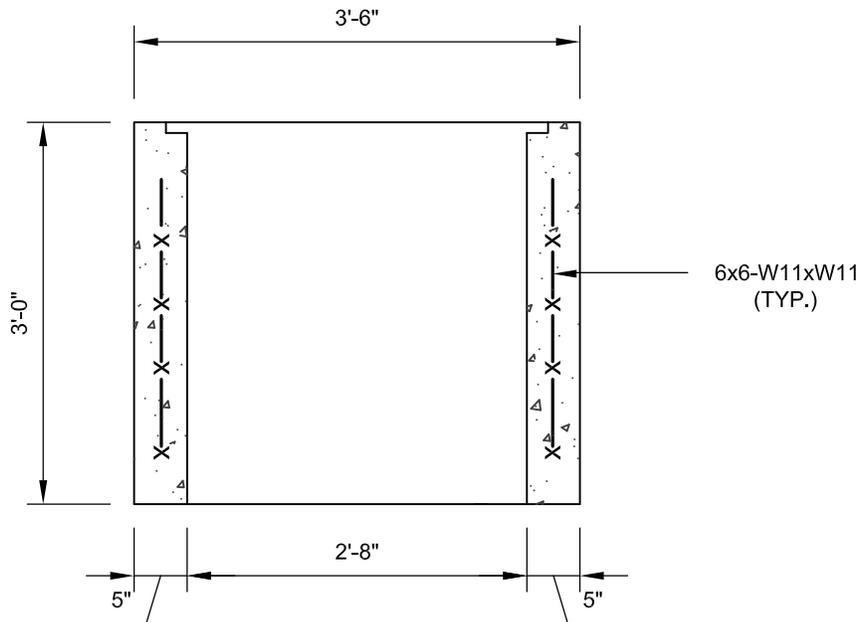
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

UTILITY HANDHOLE "C"



PLAN



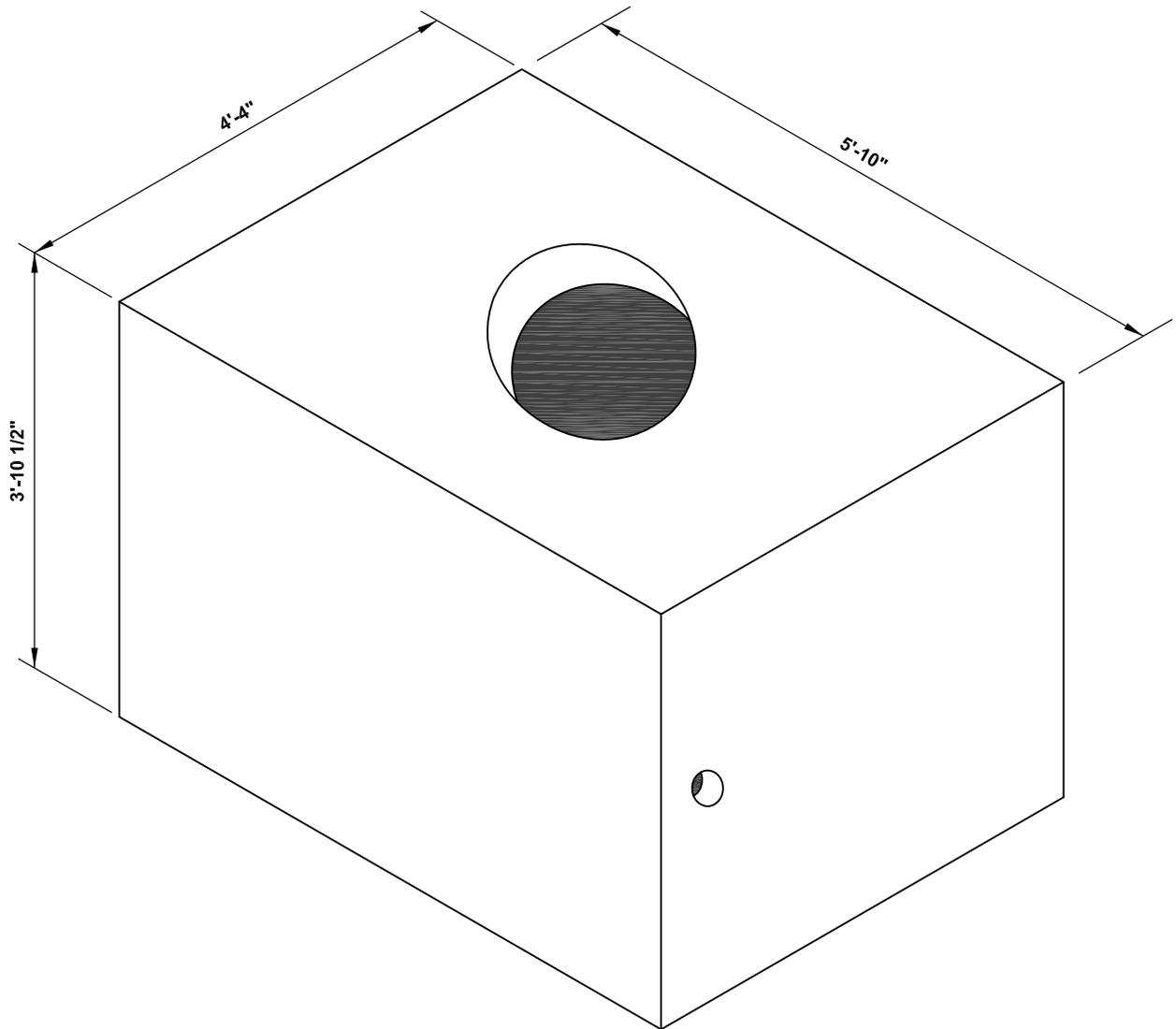
SECTION

STANDARD SPECIFICATIONS

- MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
- REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
- DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
- AASHTO HS20 LIVE LOAD
- OPENINGS: NUMBER, LOCATION & SIZE OF CONDUITS AS REQUIRED.

DURASTONE

HEAVY DUTY TYPE "H" HANDHOLE



APPROX. WEIGHT: 10,200 LB

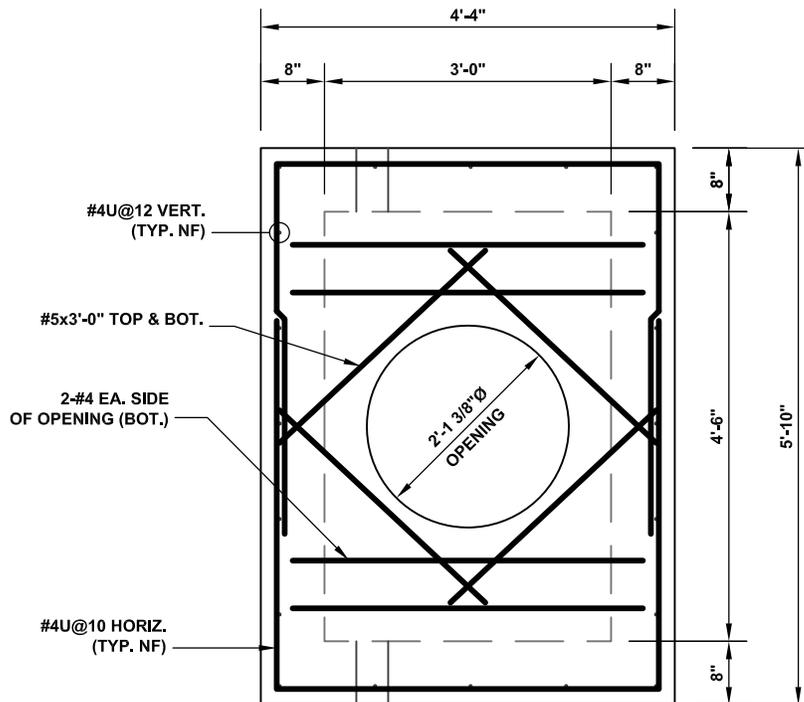
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

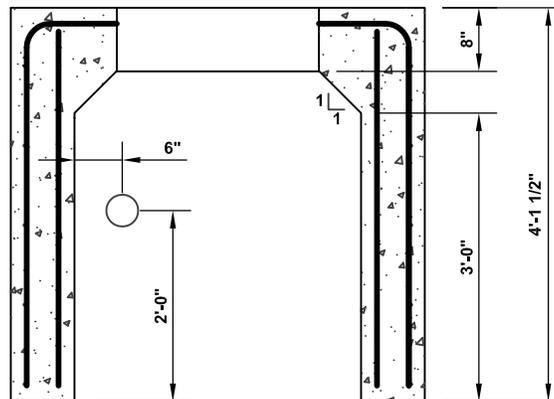
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

HEAVY DUTY TYPE "H" HANDHOLE



PLAN



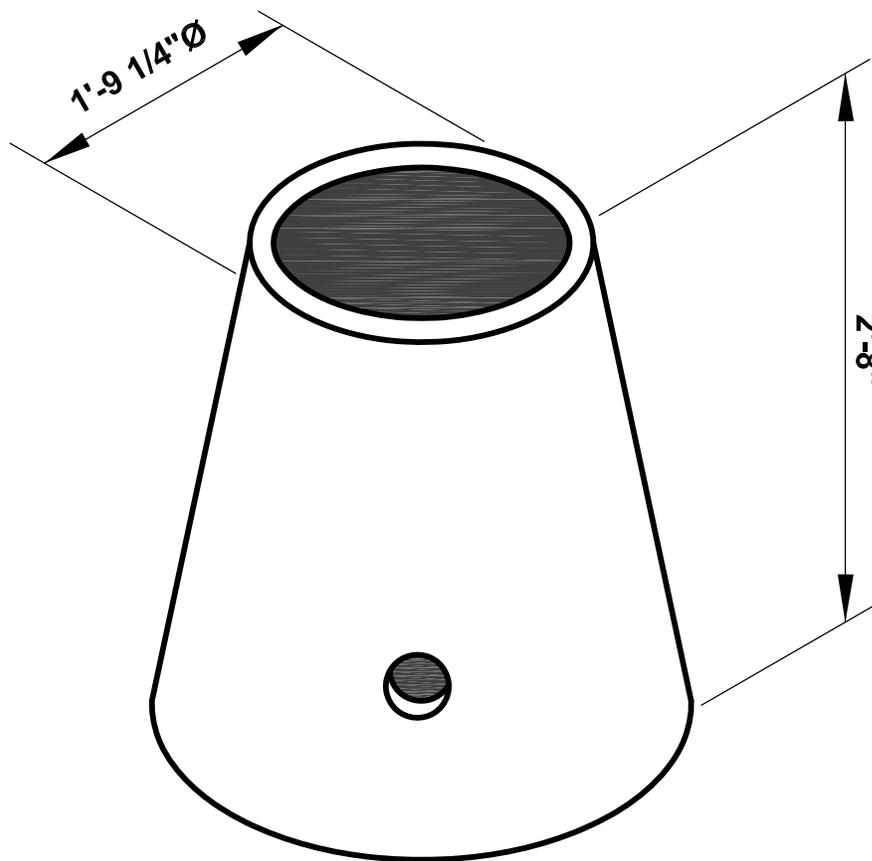
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $f'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. CONFORMS TO RHODE ISLAND STANDARD 18.2.2
6. OPENINGS: NUMBER, LOCATION & SIZE AS REQUIRED.

DURASTONE

TYPE "A" HANDHOLE



APPROX. WEIGHT: 450 LB

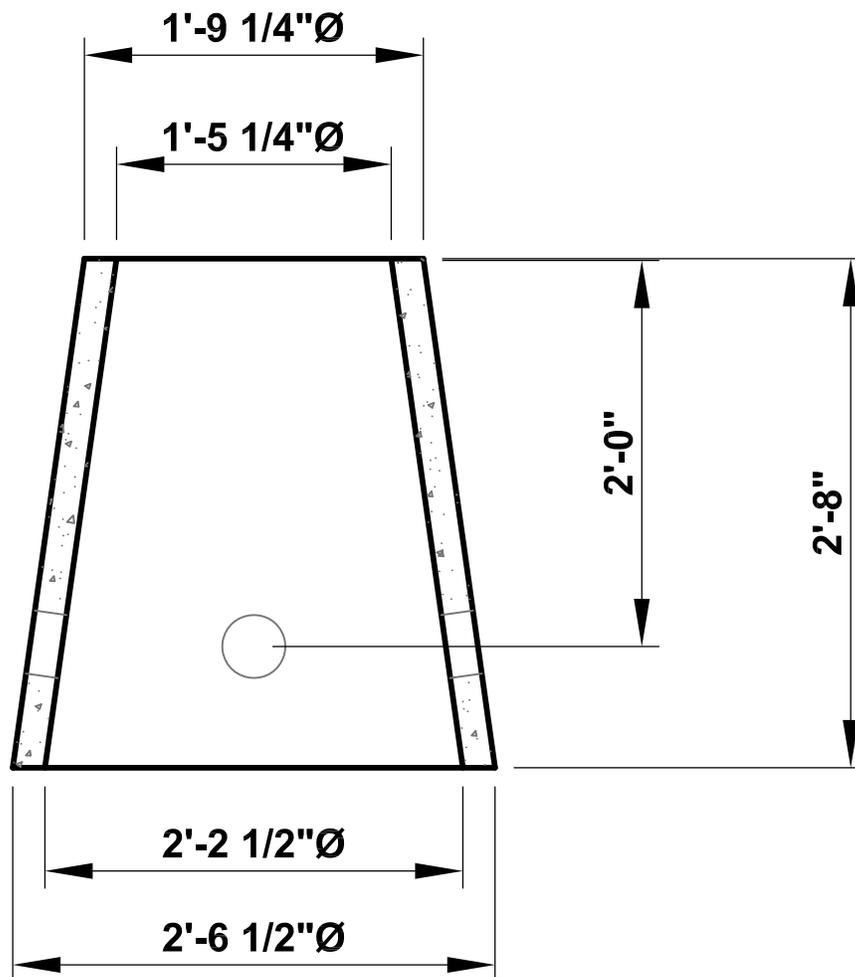
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

TYPE "A" HANDHOLE



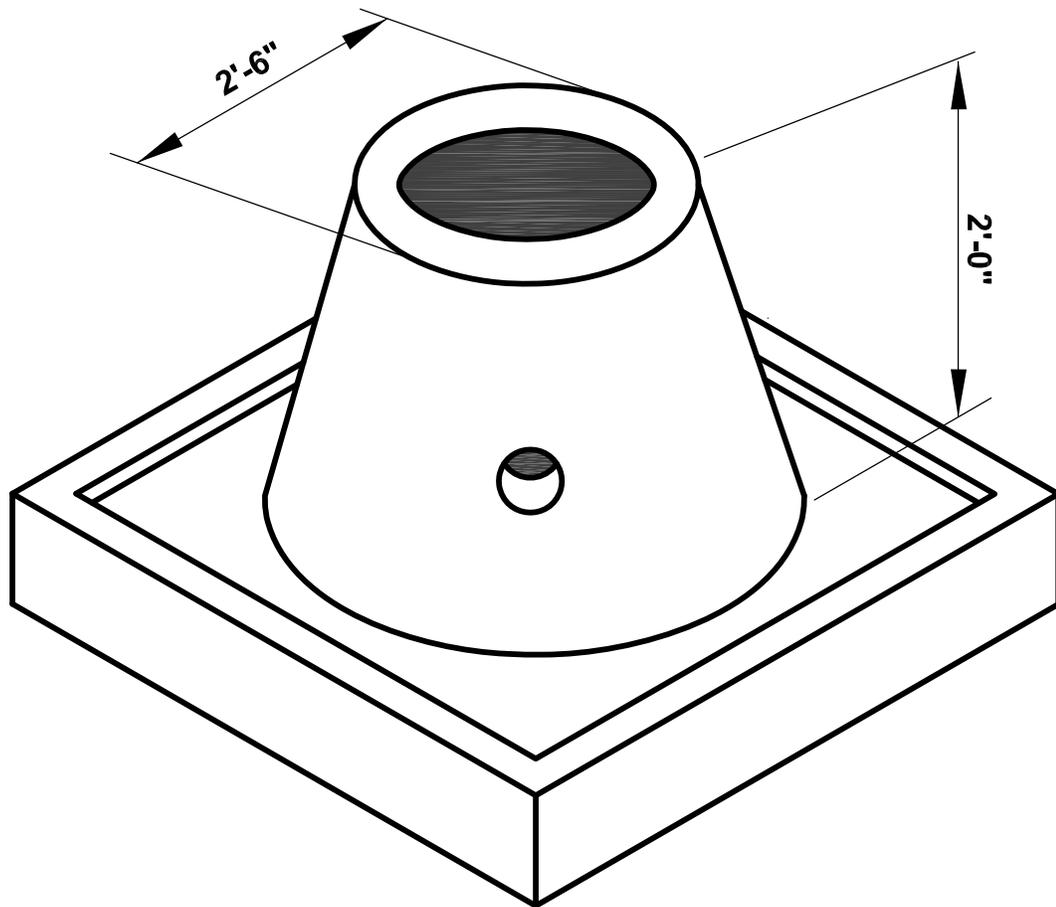
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $f_c = 4,000$ PSI.
2. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED).
3. MINIMUM REINFORCEMENT 0.058 SQ. IN./LF.
4. CONFORMS TO RHODE ISLAND STANDARD 18.2.0.
5. OPENINGS: 4 - 4" KNOCKOUTS.

DURASTONE

HEAVY DUTY HANDHOLE



APPROX. WEIGHTS:

CONE: 1,100 LB

BASE: 1,400 LB

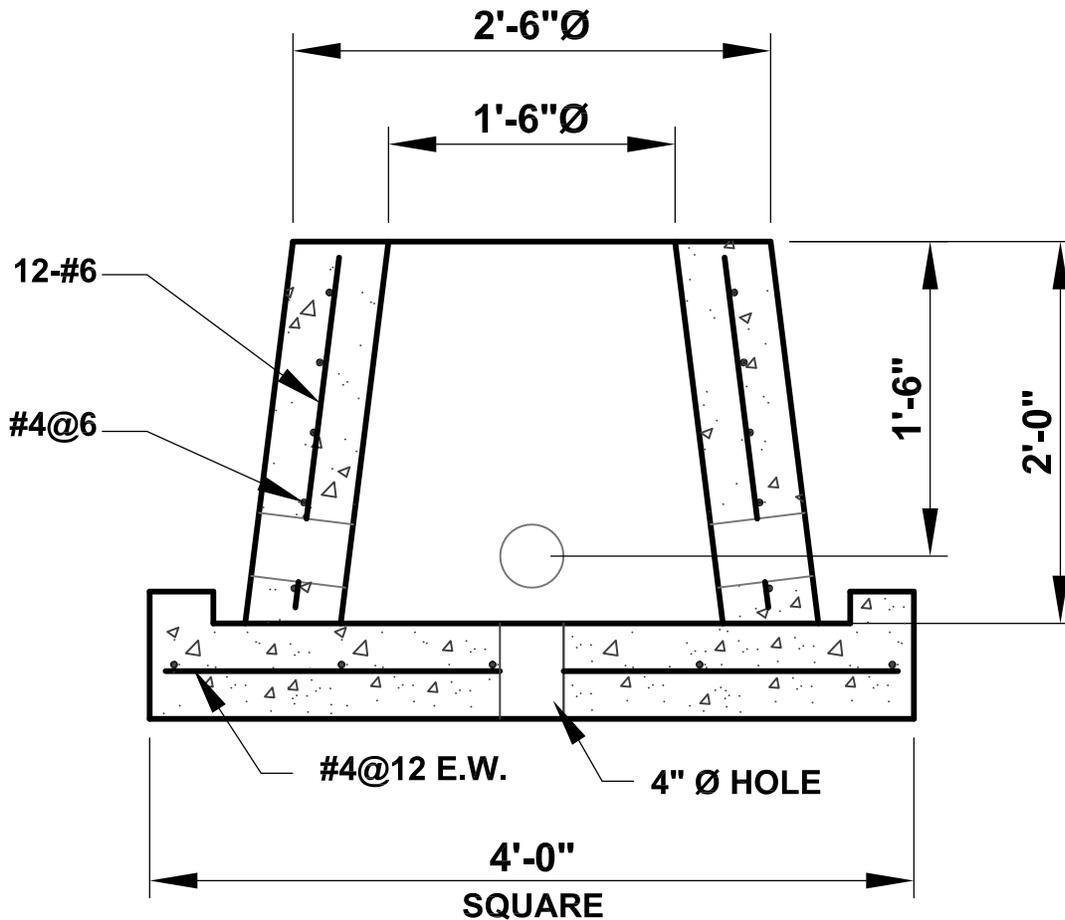
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

HEAVY DUTY HANDHOLE



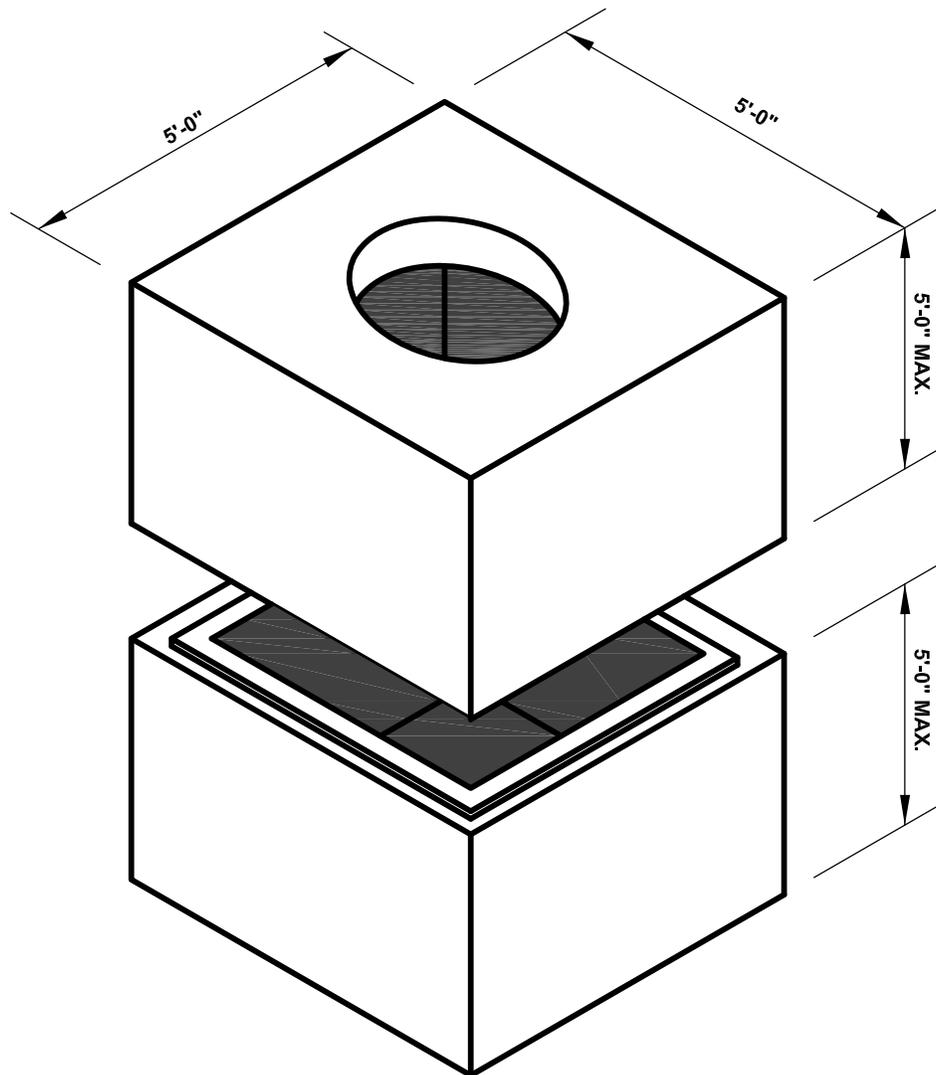
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $f'_c = 4,000$ PSI.
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 2" COVER.
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED).
4. AASHTO HS20 LIVE LOAD.
5. CONFORMS TO RHODE ISLAND STANDARD 18.2.1.
6. OPENINGS: 4 - 4" KNOCKOUTS.

DURASTONE

4'x4' UTILITY MANHOLE



**APPROX. WEIGHT: 15,400 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

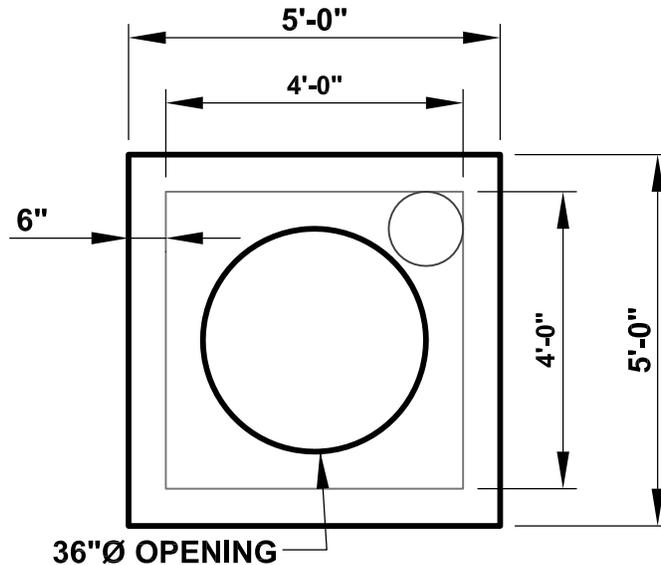
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

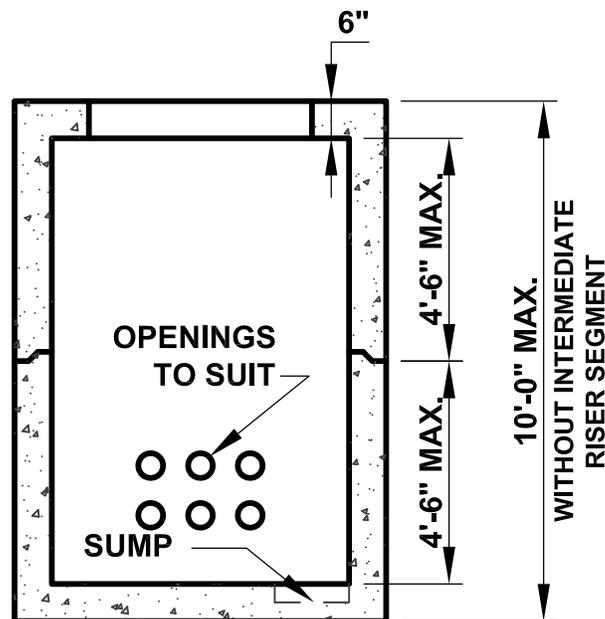
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

4'x4' UTILITY MANHOLE



PLAN



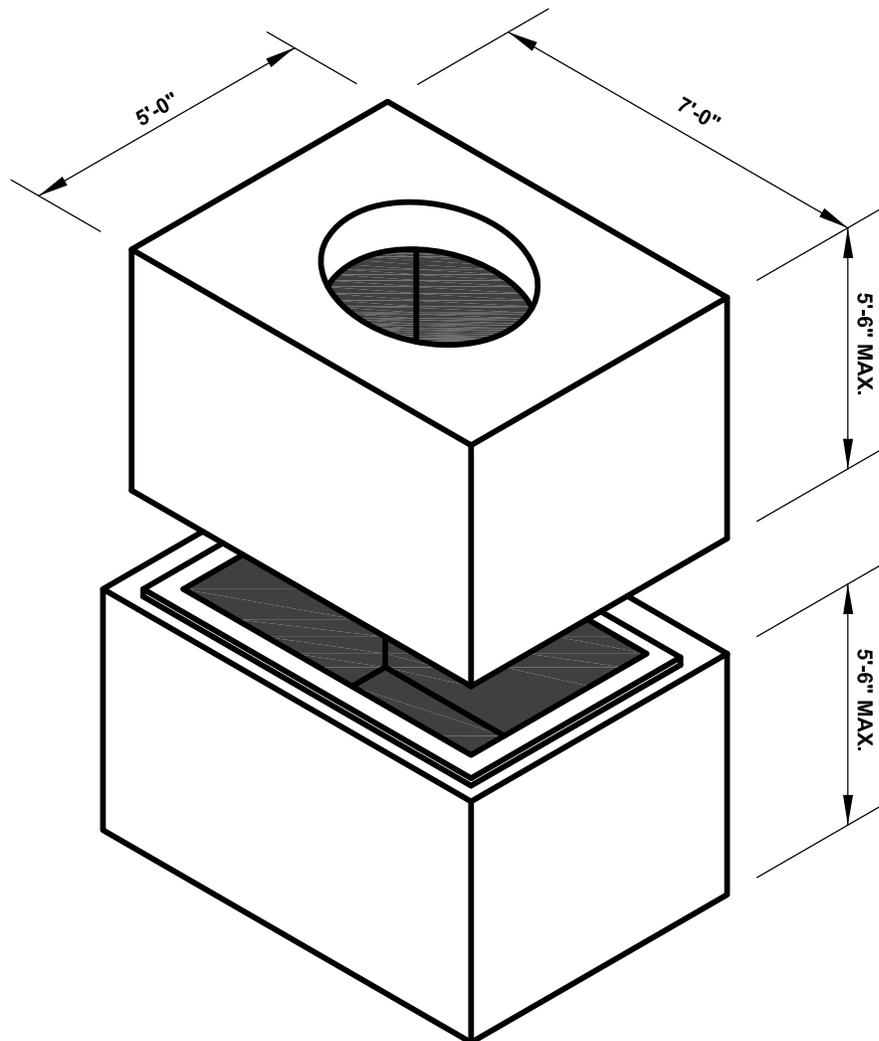
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. OPENINGS & PULLING IRONS: CAST TO SUIT

DURASTONE

6'x4' UTILITY MANHOLE



**APPROX. WEIGHT: 26,300 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

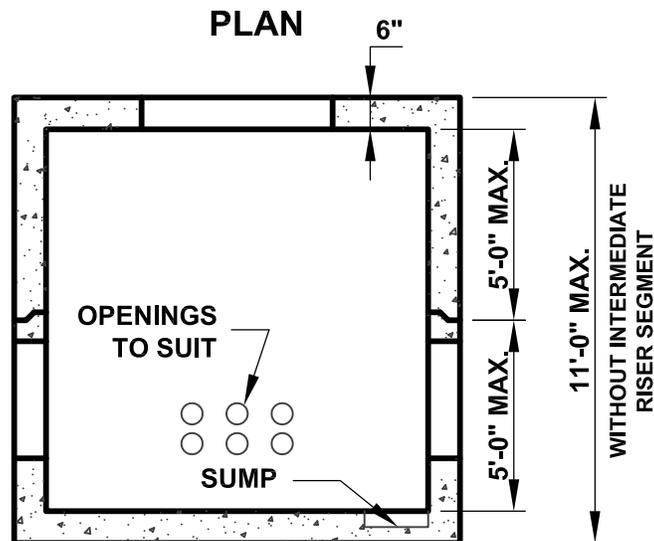
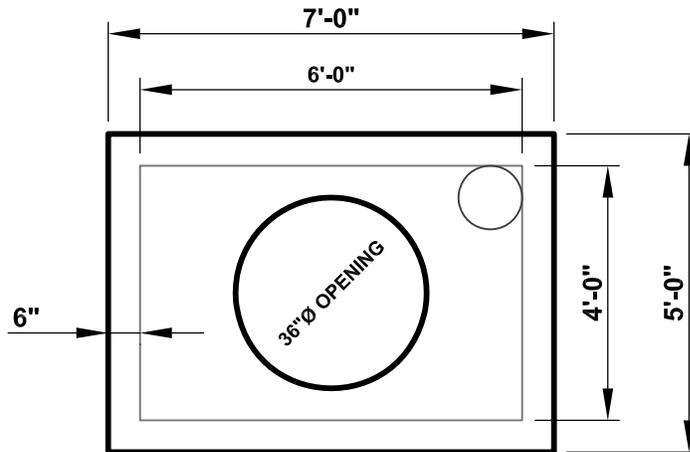
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

6'x4' UTILITY MANHOLE



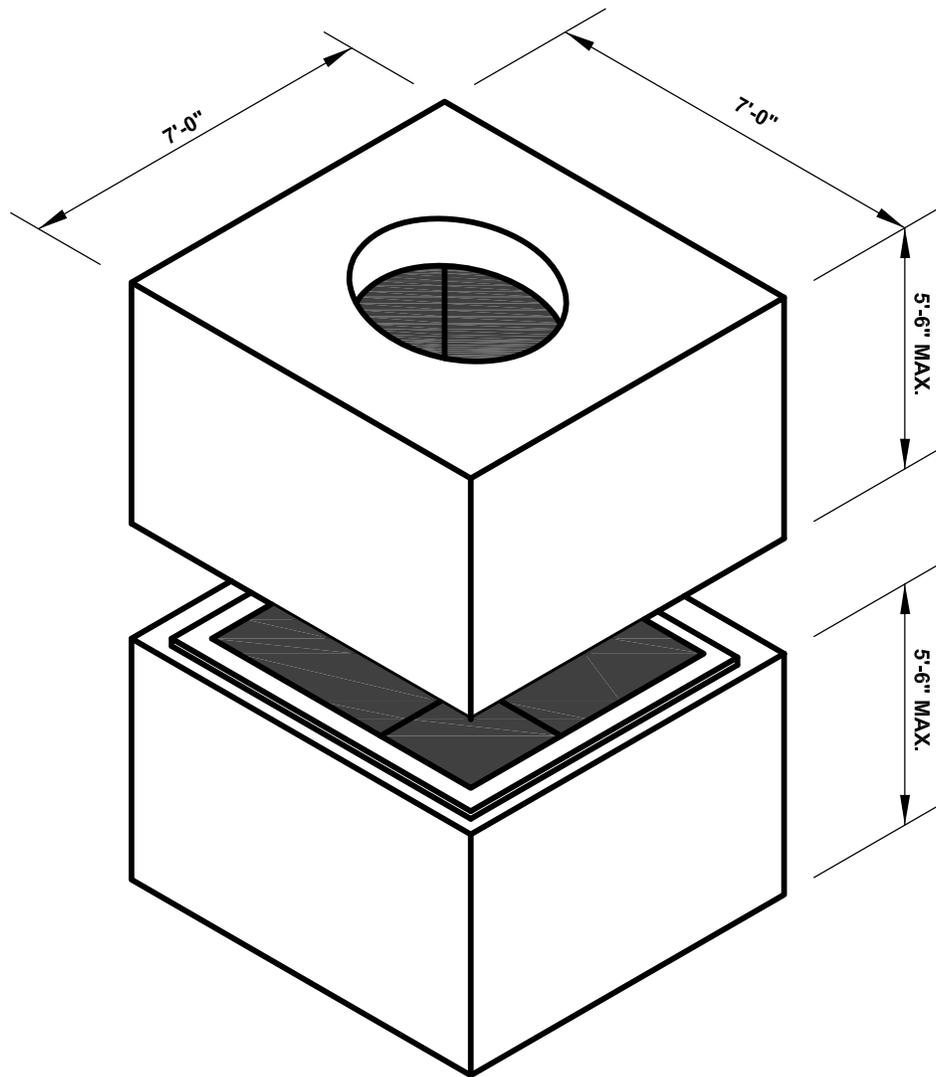
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. OPENINGS & PULLING IRONS: CAST TO SUIT

DURASTONE

6'x6' UTILITY MANHOLE



**APPROX. WEIGHT: 26,300 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

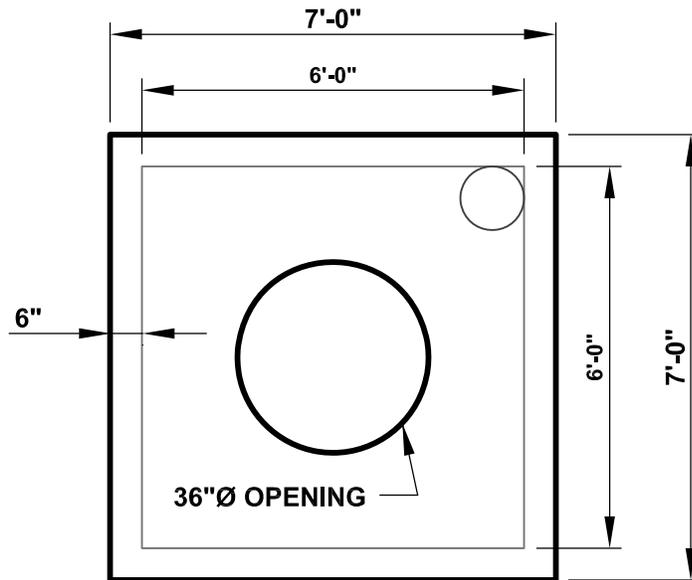
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

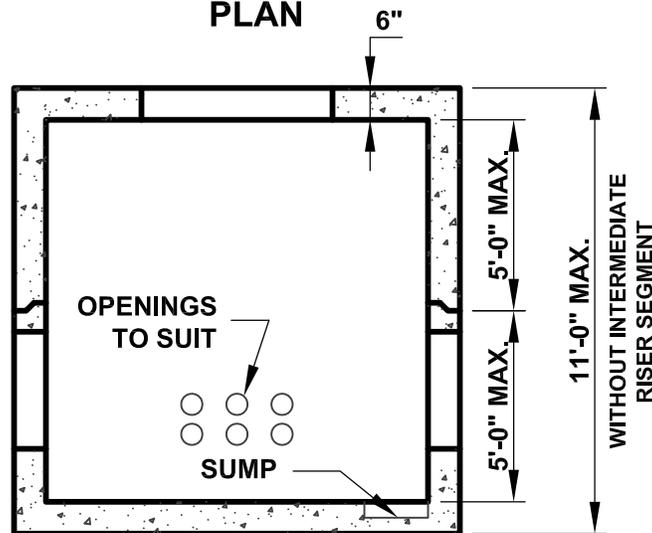
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

6'x6' UTILITY MANHOLE



PLAN



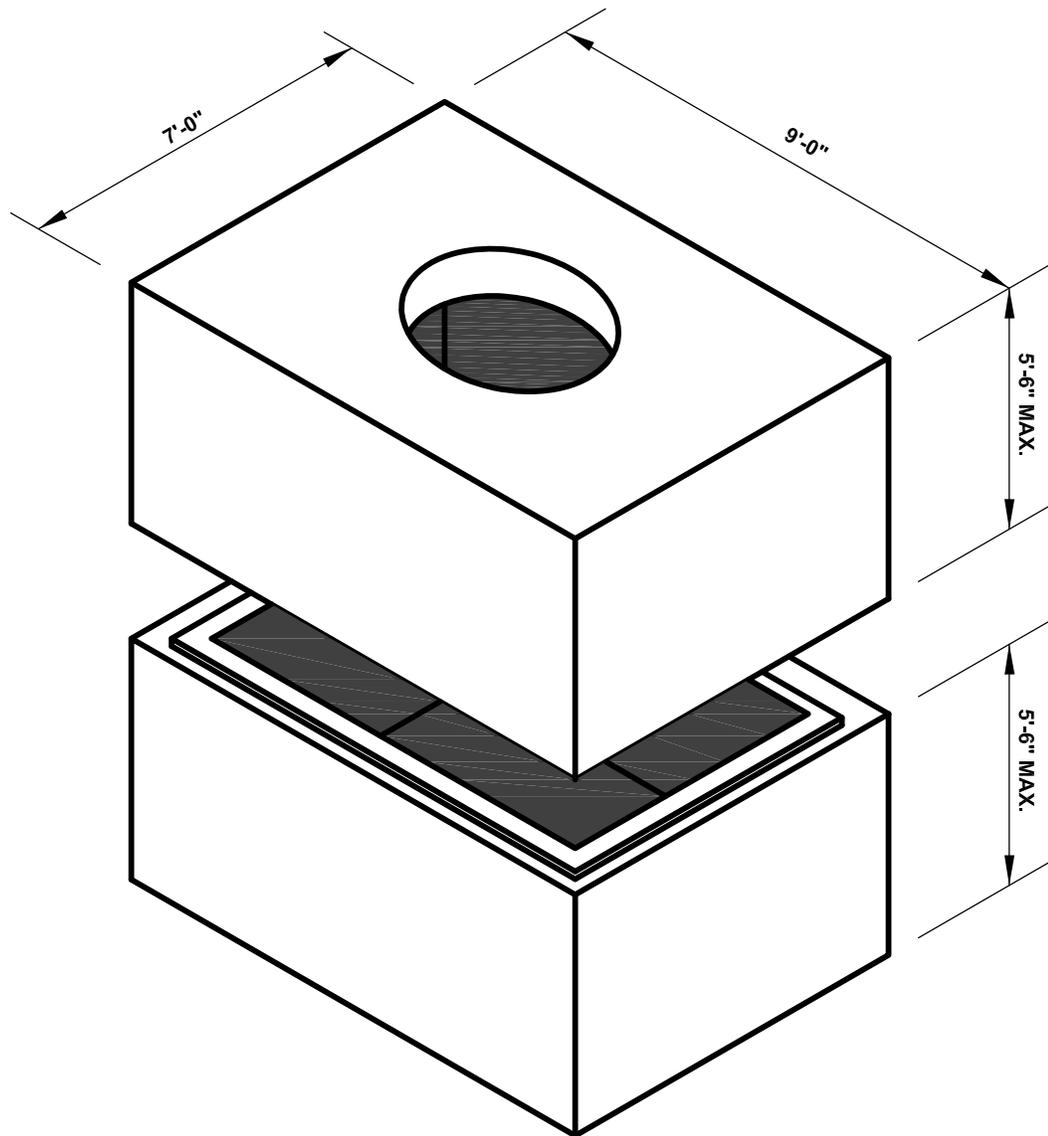
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. OPENINGS & PULLING IRONS: CAST TO SUIT

DURASTONE

6'x8' UTILITY MANHOLE



**APPROX. WEIGHT: 31,400 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

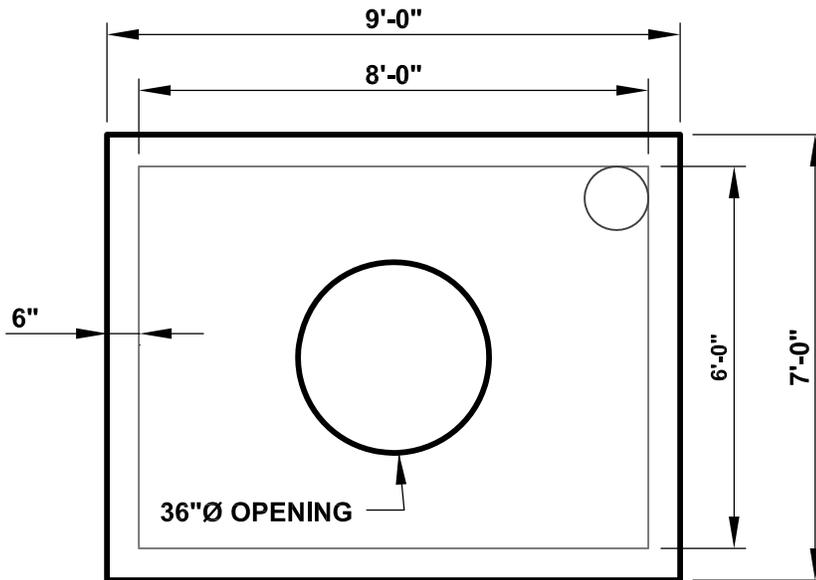
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

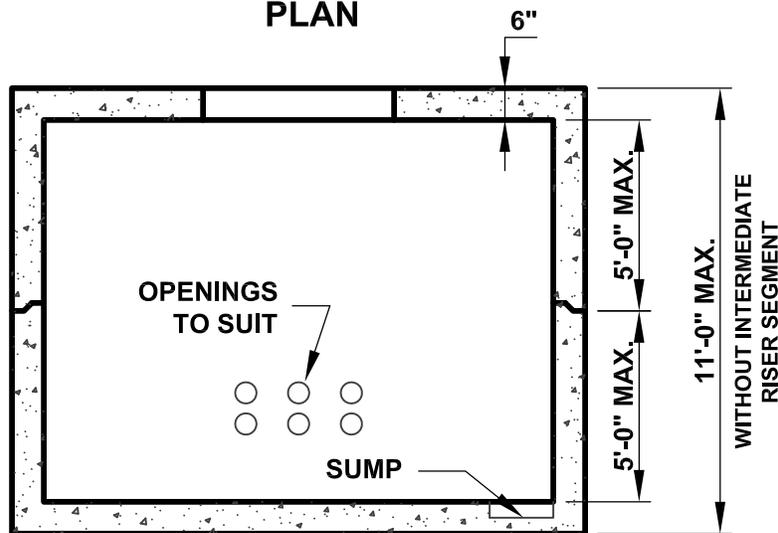
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

6'x8' UTILITY MANHOLE



PLAN



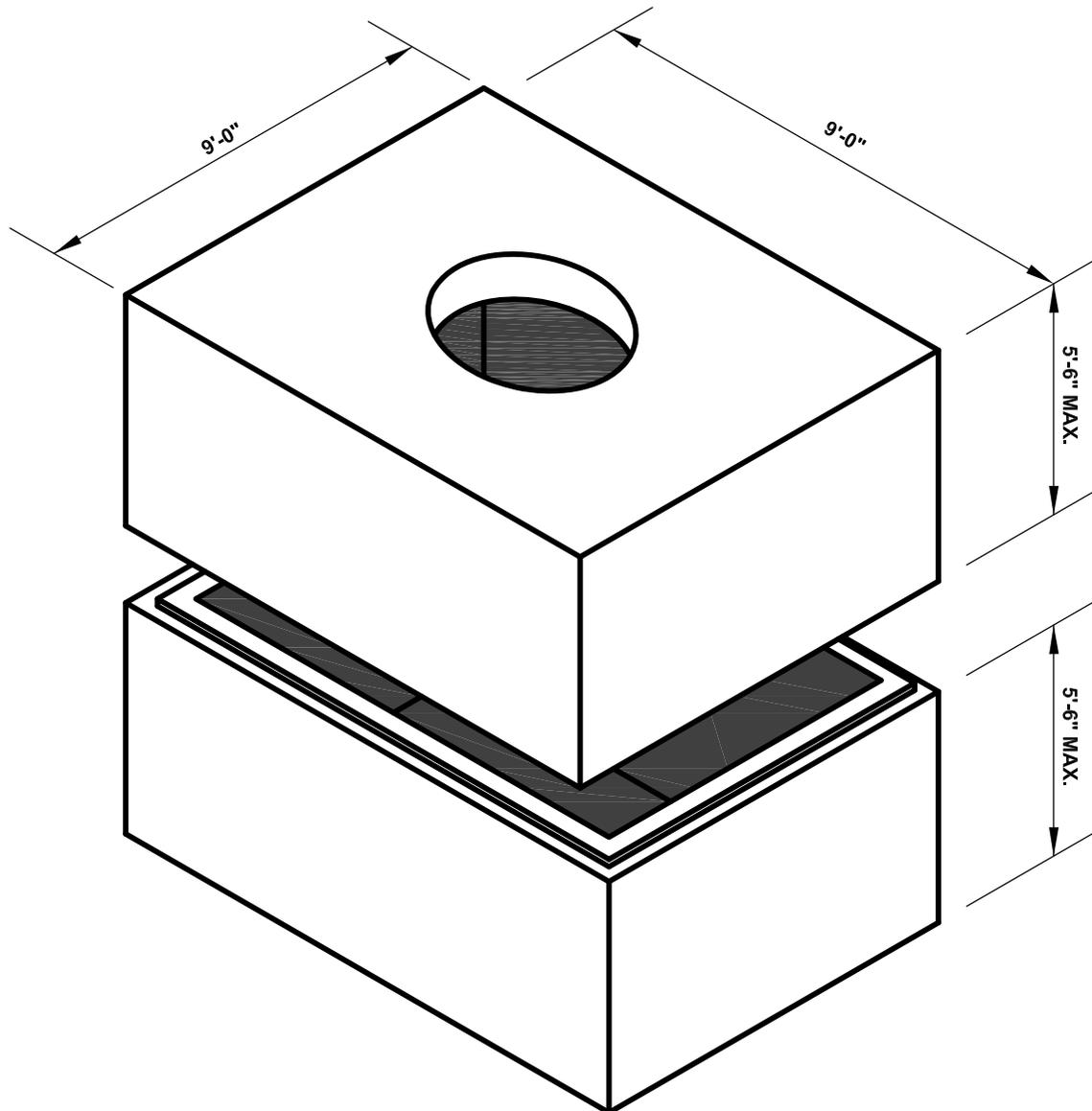
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. OPENINGS & PULLING IRONS: CAST TO SUIT

DURASTONE

8'x8' UTILITY MANHOLE



**APPROX. WEIGHT: 37,100 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

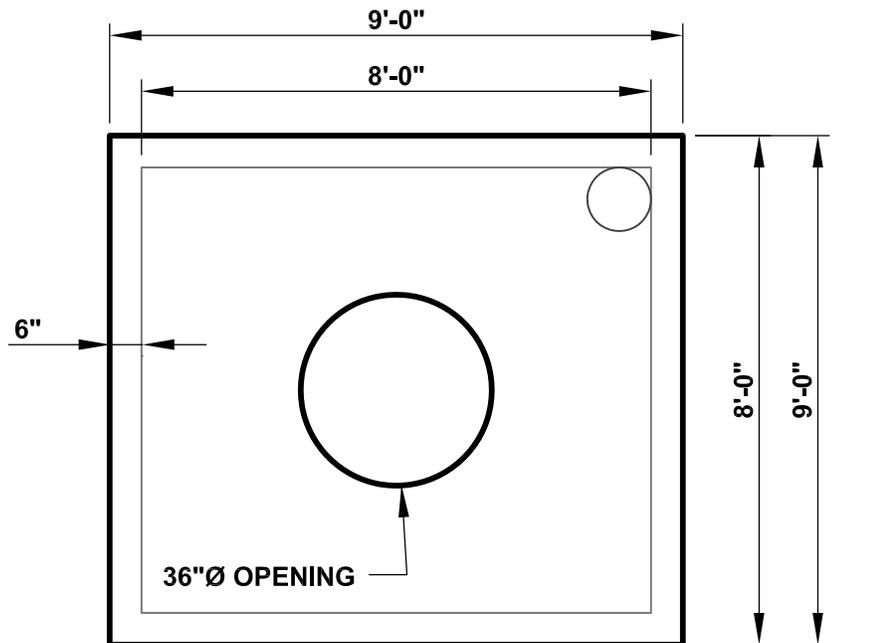
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

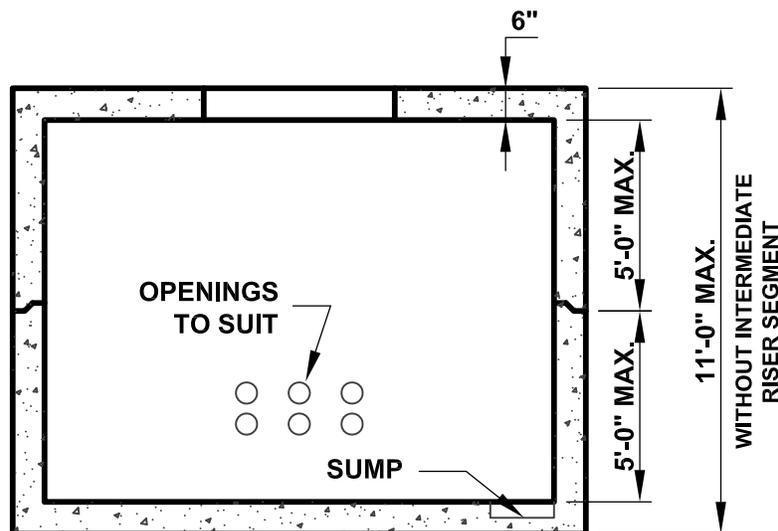
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

8'x8' UTILITY MANHOLE



PLAN



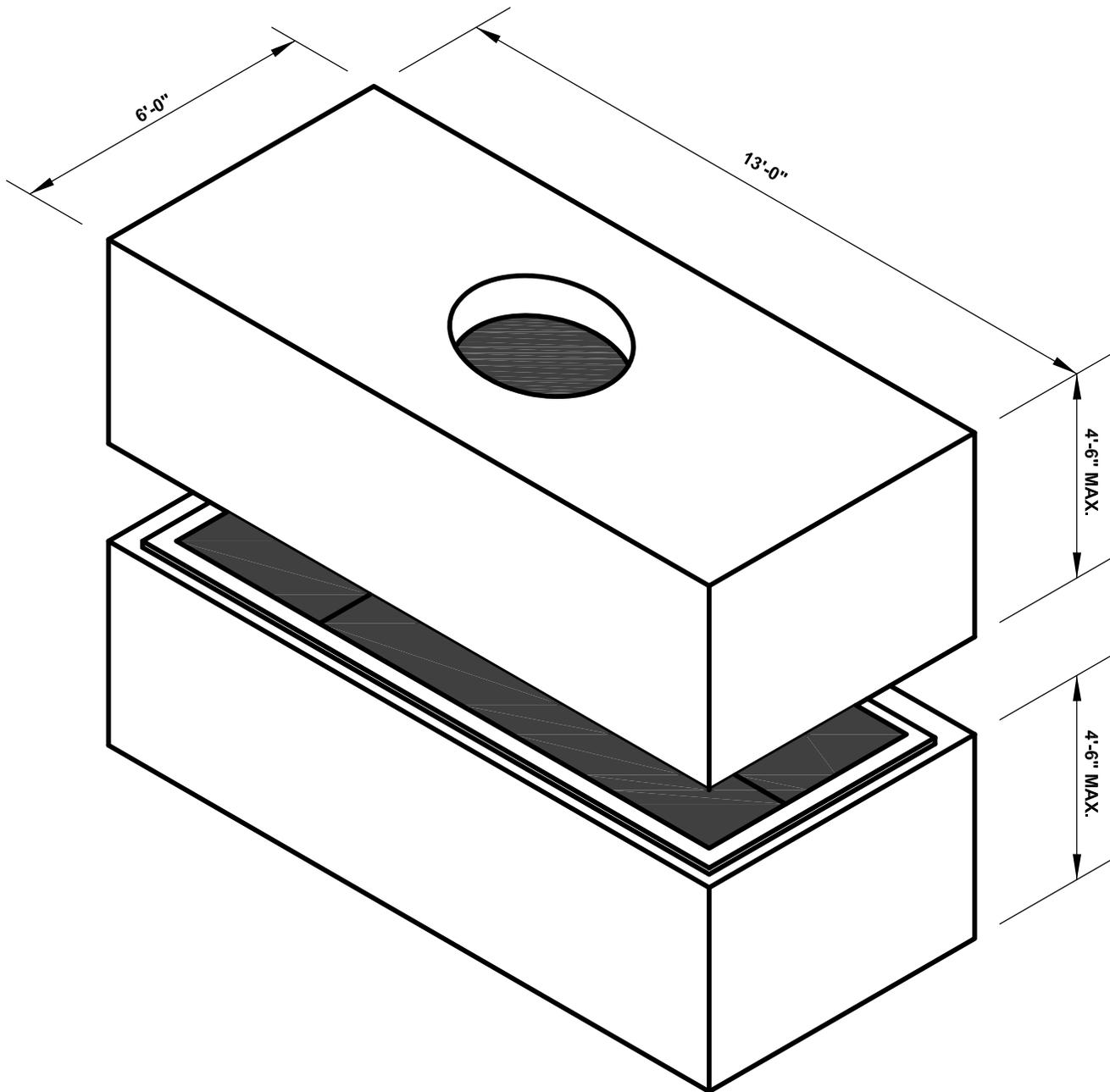
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. OPENINGS & PULLING IRONS: CAST TO SUIT

DURASTONE

5'x12' UTILITY MANHOLE



**APPROX. WEIGHT: 32,800 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

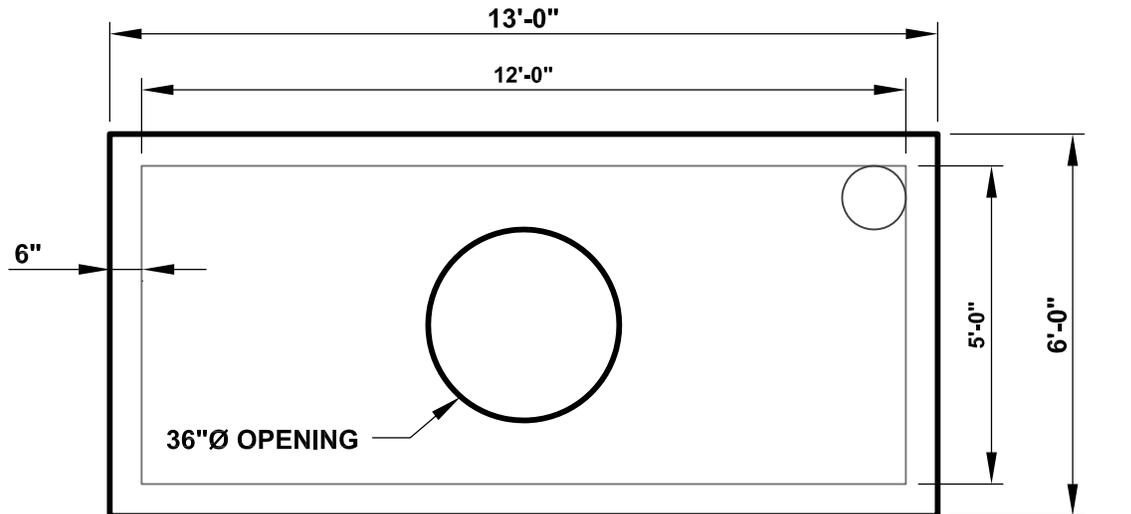
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

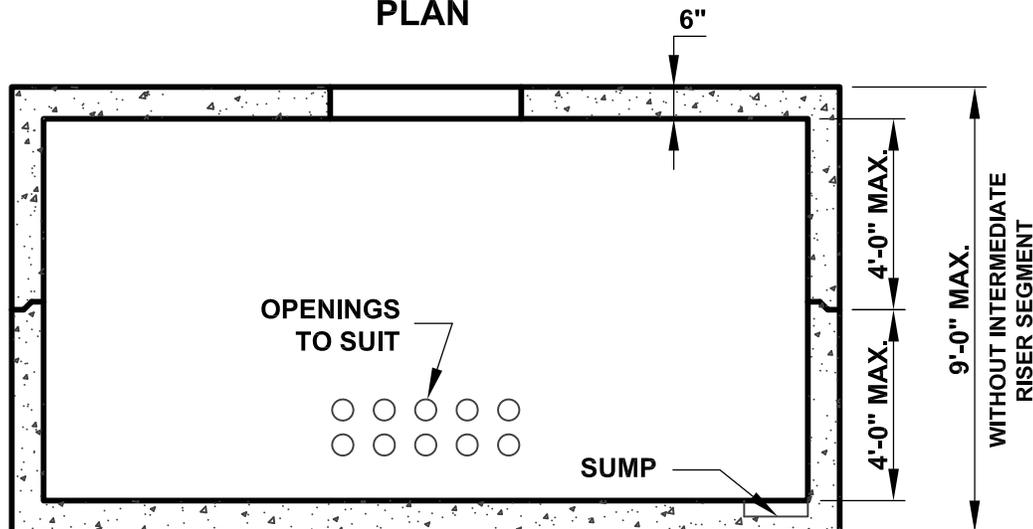
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

5'x12' UTILITY MANHOLE



PLAN



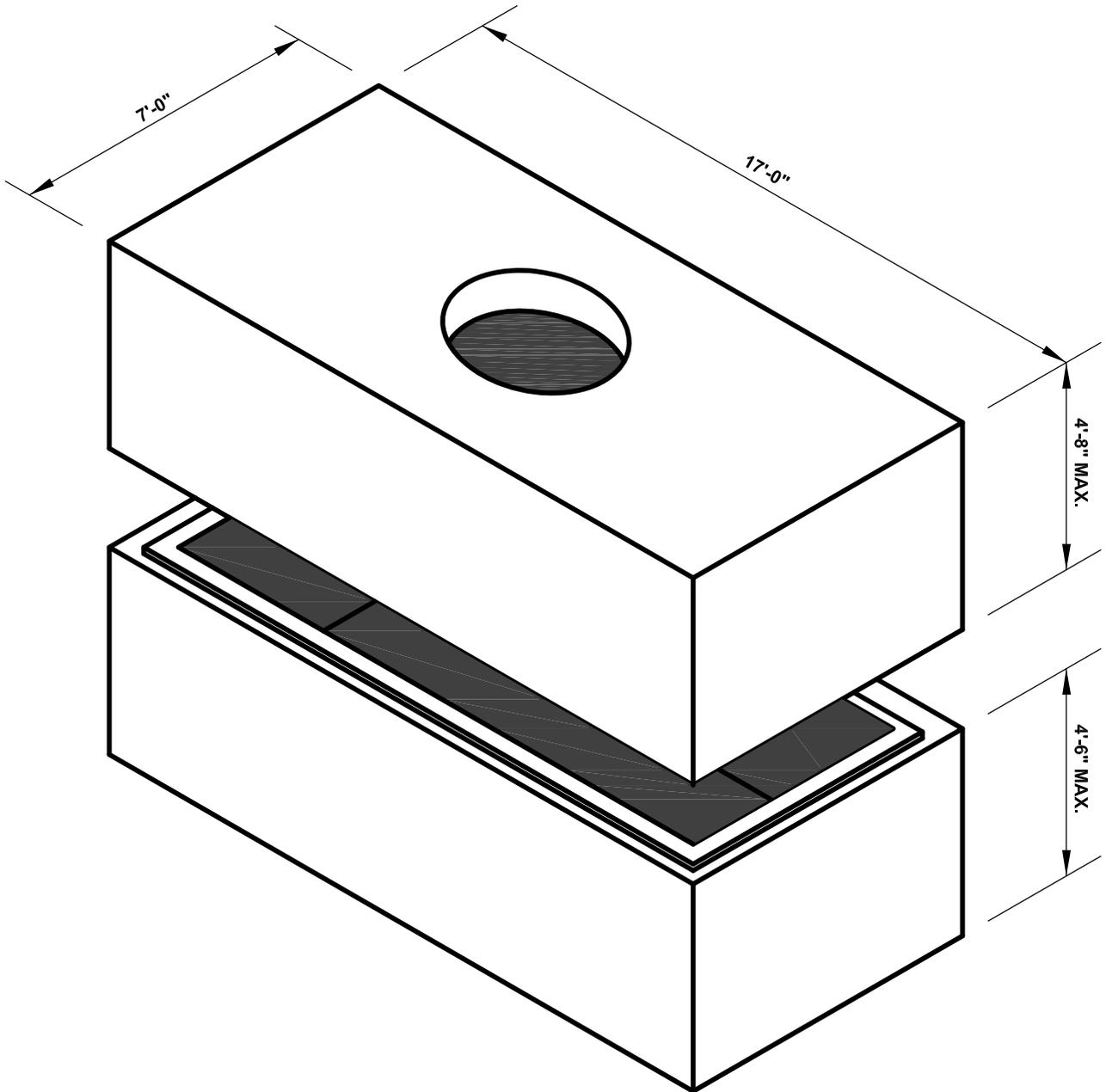
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. OPENINGS & PULLING IRONS: CAST TO SUIT

DURASTONE

6'x16' UTILITY MANHOLE



**APPROX. WEIGHT: 48,000 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

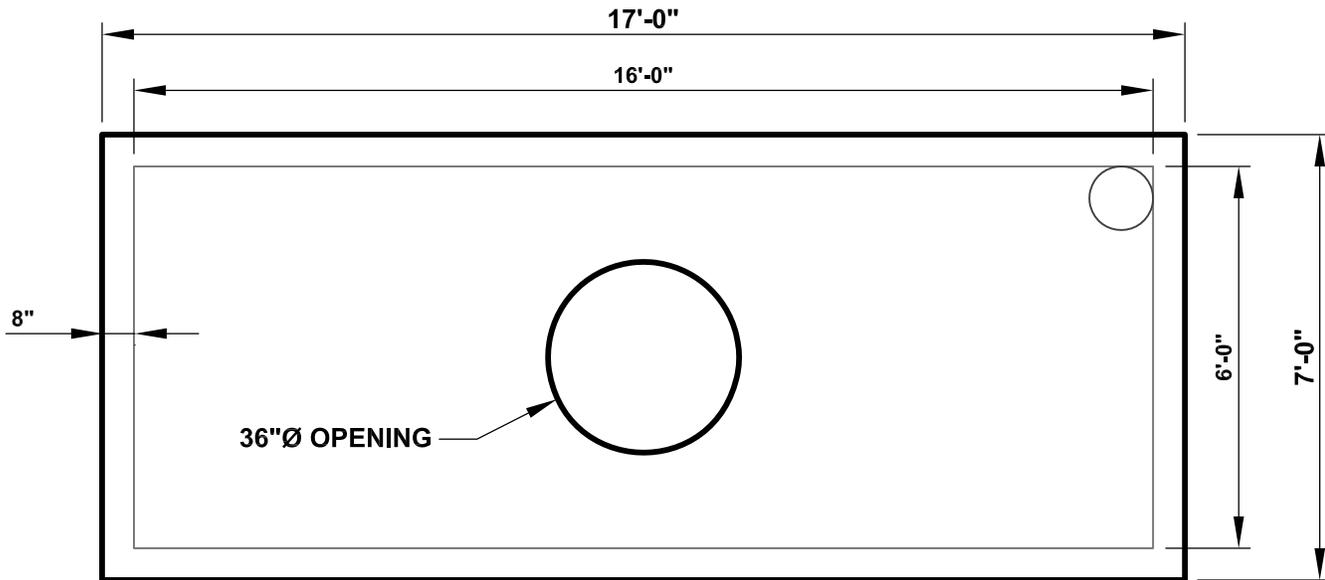
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

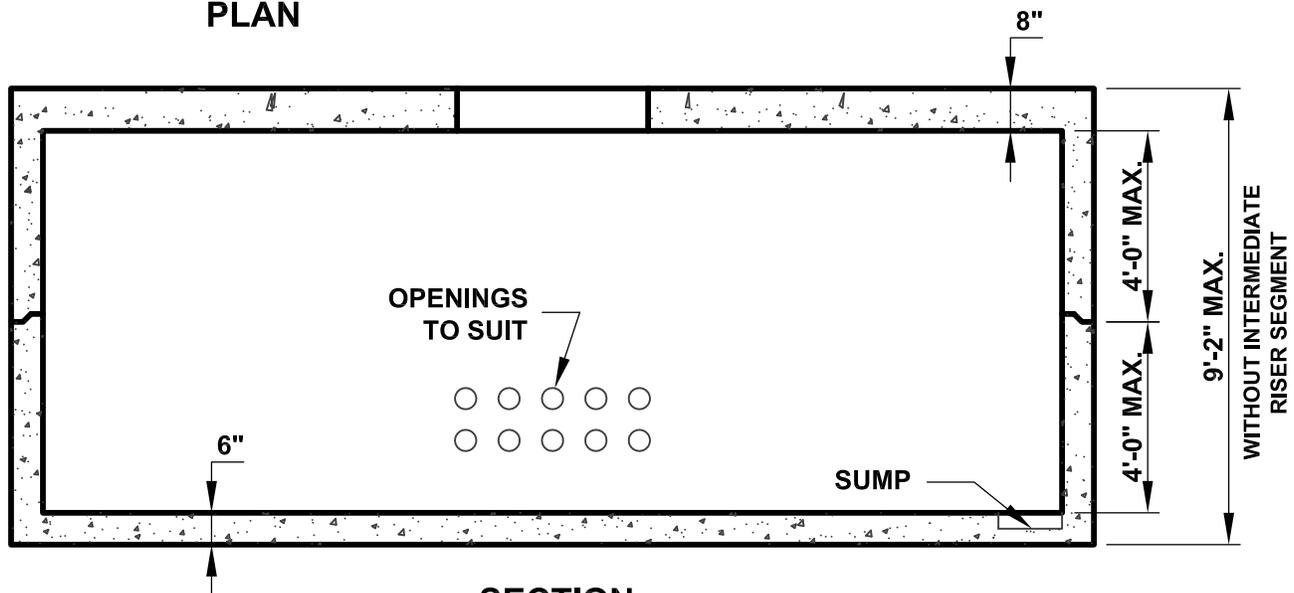
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

6'x16' UTILITY MANHOLE



PLAN



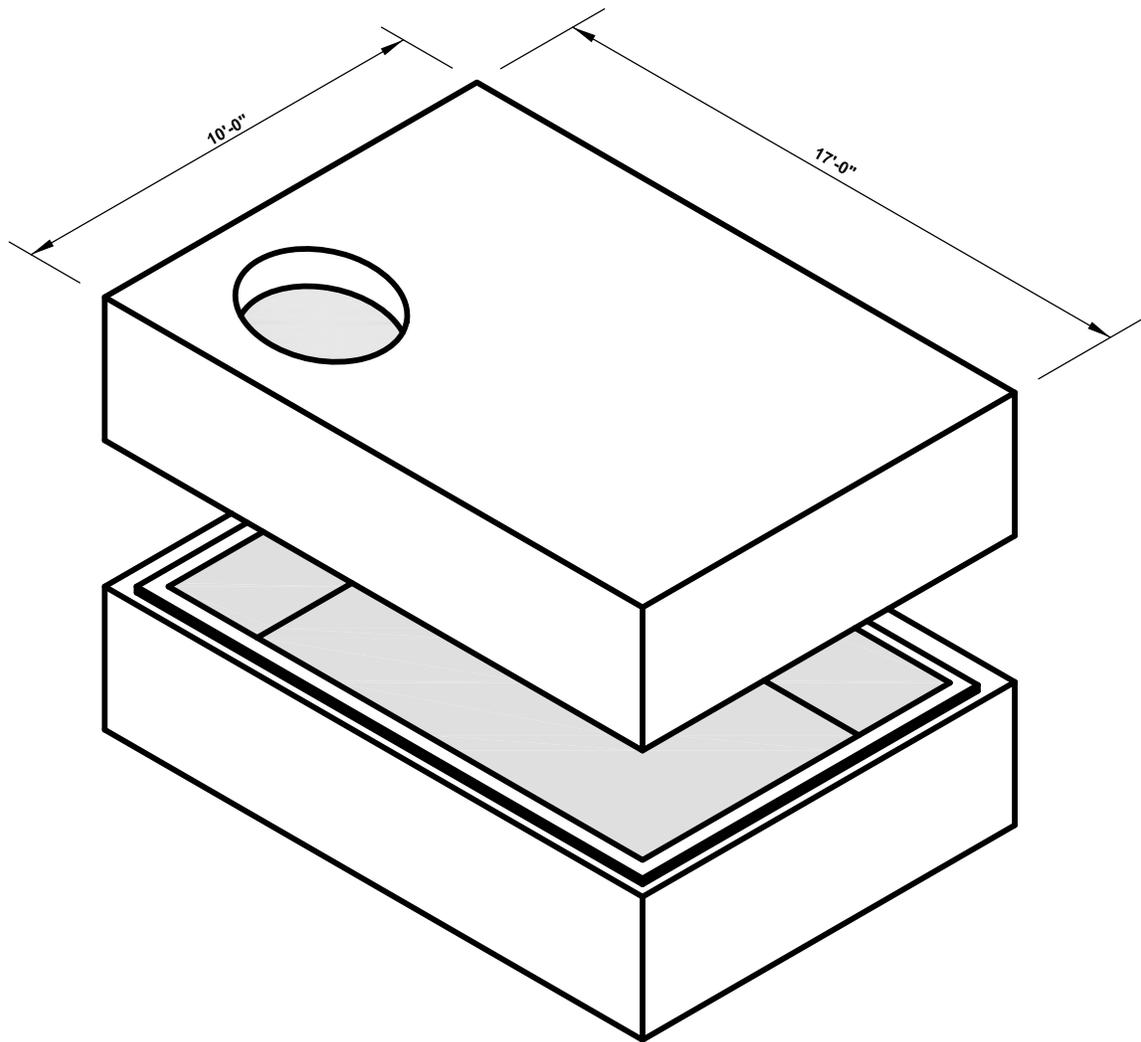
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. OPENINGS & PULLING IRONS: CAST TO SUIT

DURASTONE

9'x16' UTILITY MANHOLE



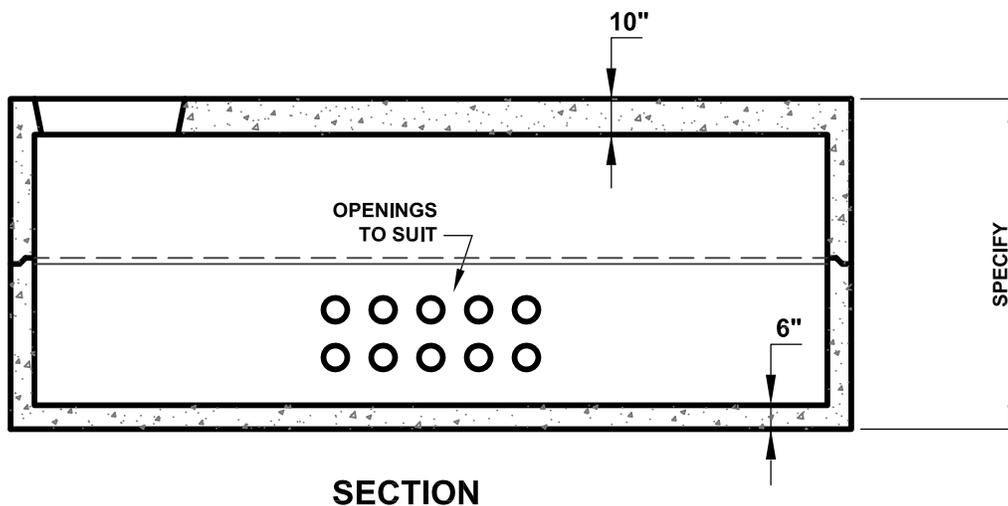
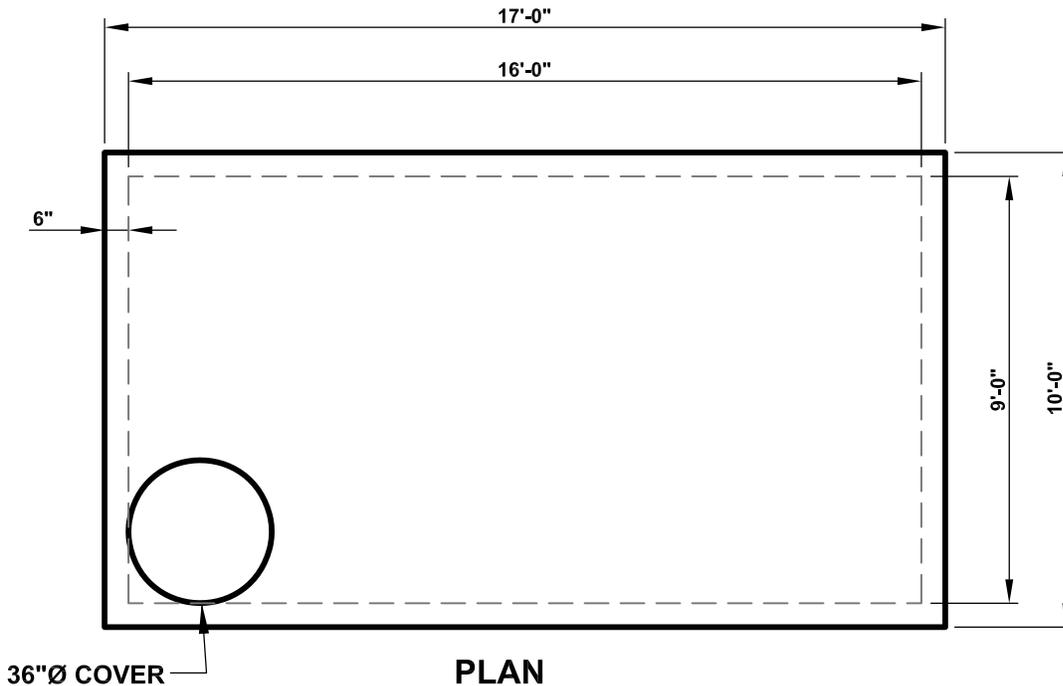
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

9'x16' UTILITY MANHOLE

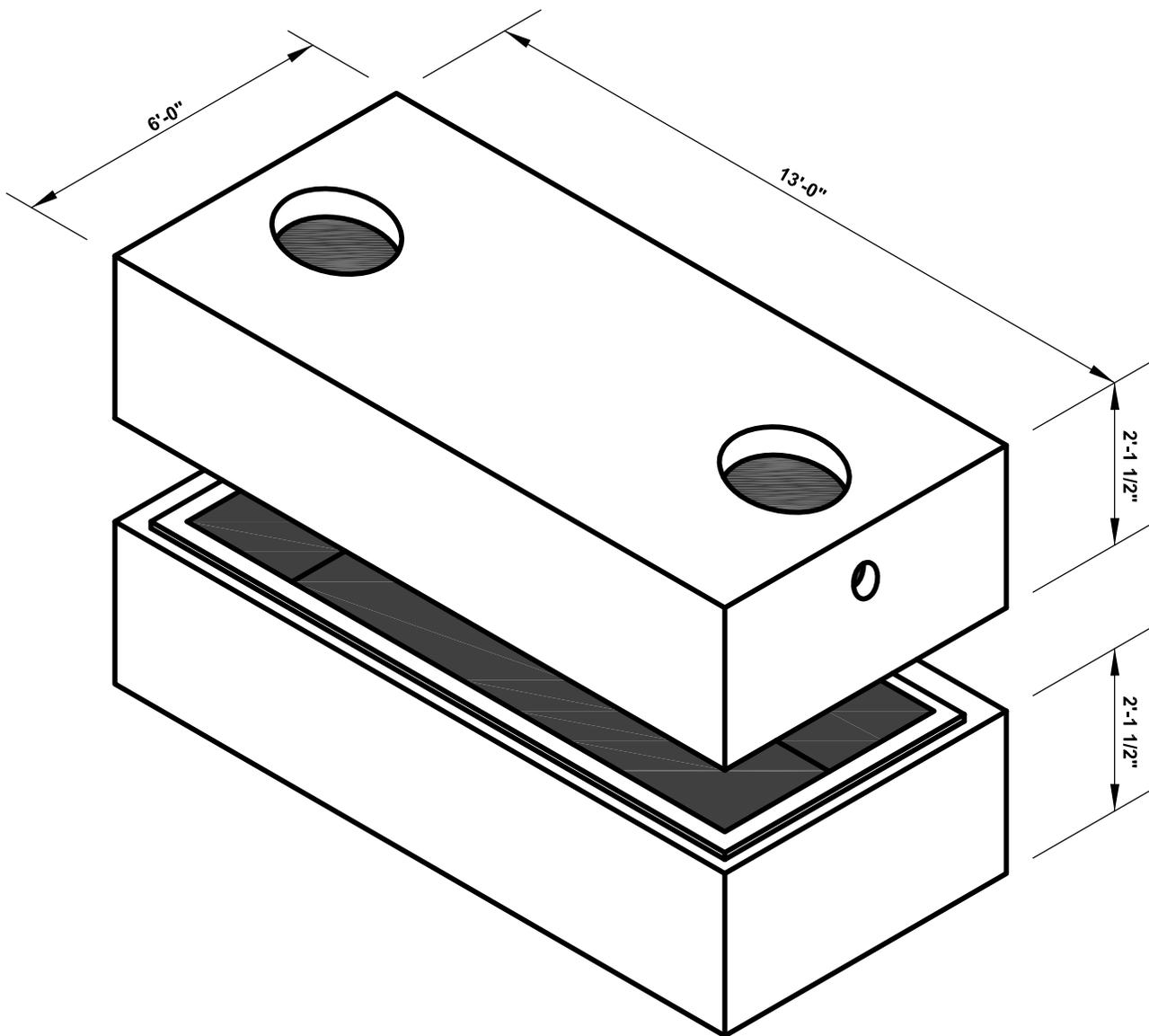


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HL93 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. OPENINGS & PULLING IRONS: CAST TO SUIT

DURASTONE

1,000 GALLON GREASE TRAP **INTERIOR DIMENSIONS 12'x5'x3'-3"**



APPROX. WEIGHTS:
TOP: 9,800 LB
BASE: 10,300 LB

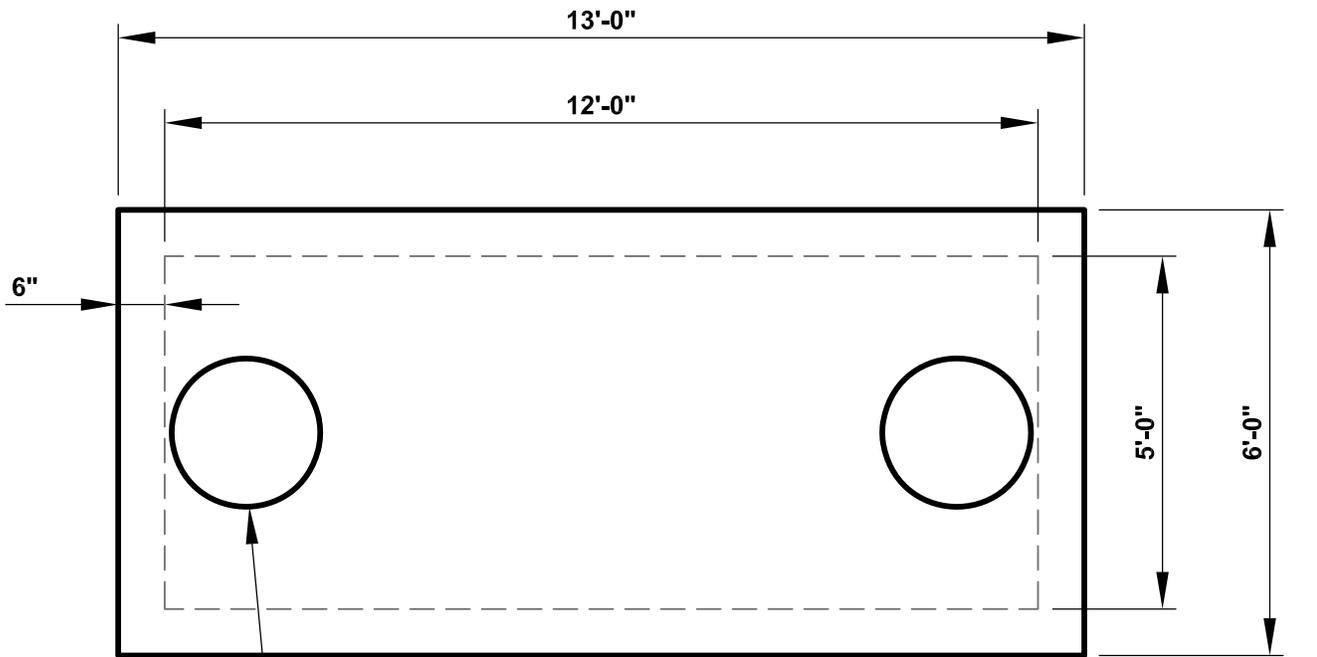
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

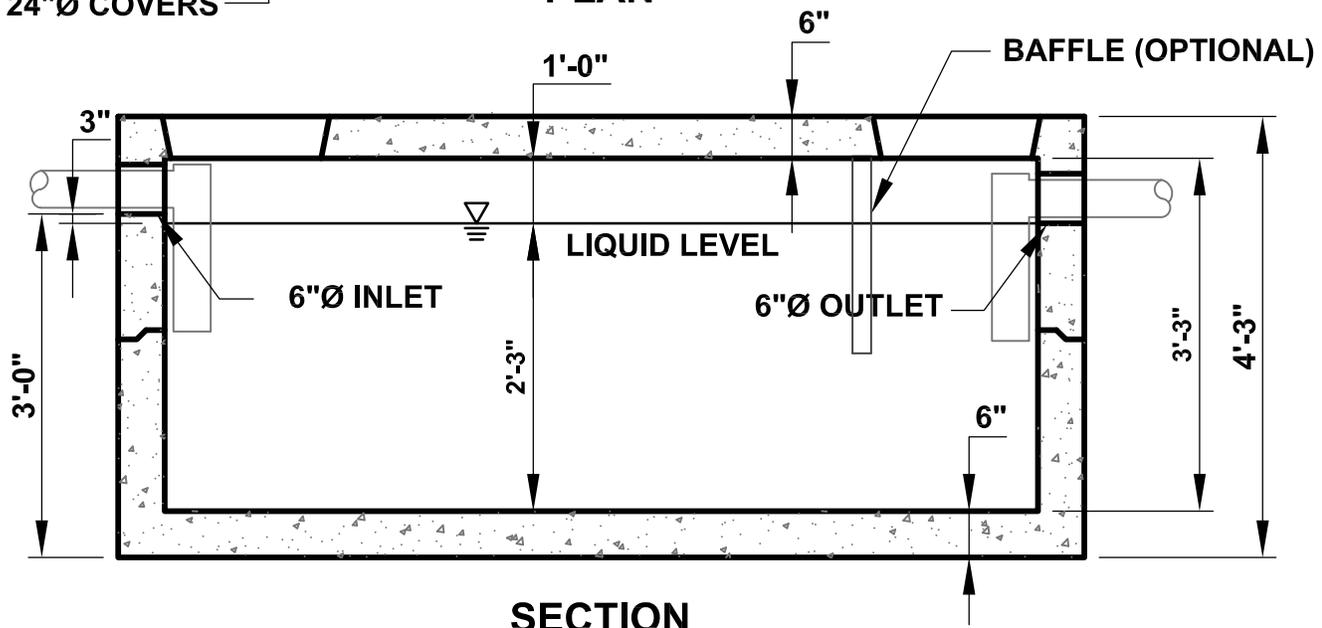
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

1,000 GALLON GREASE TRAP



24"Ø COVERS

PLAN



SECTION

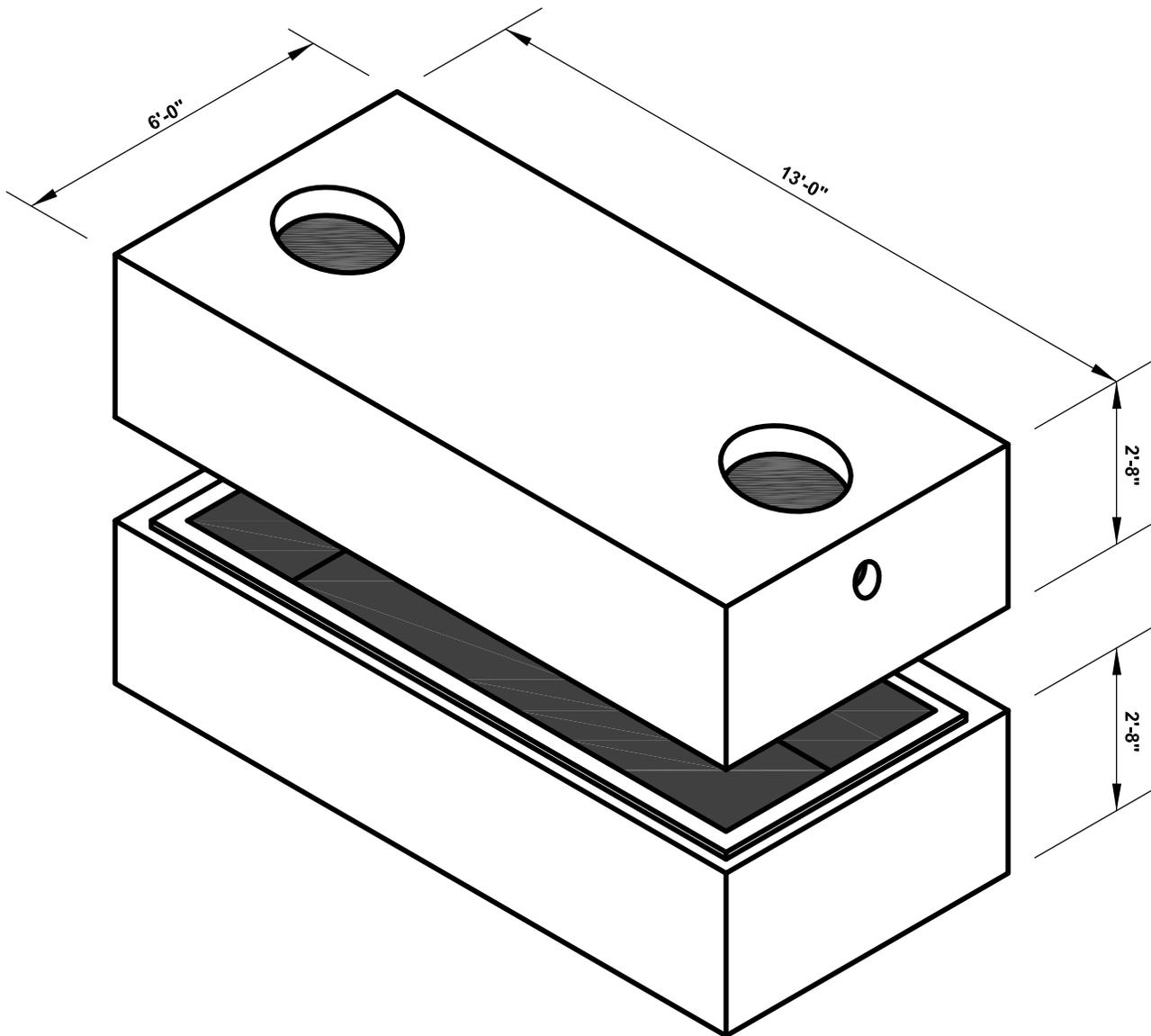
STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

1,500 GALLON GREASE TRAP

INTERIOR DIMENSIONS 12'x5'x4'-4"



APPROX. WEIGHTS:

TOP: 11,200 LB

BASE: 11,700 LB

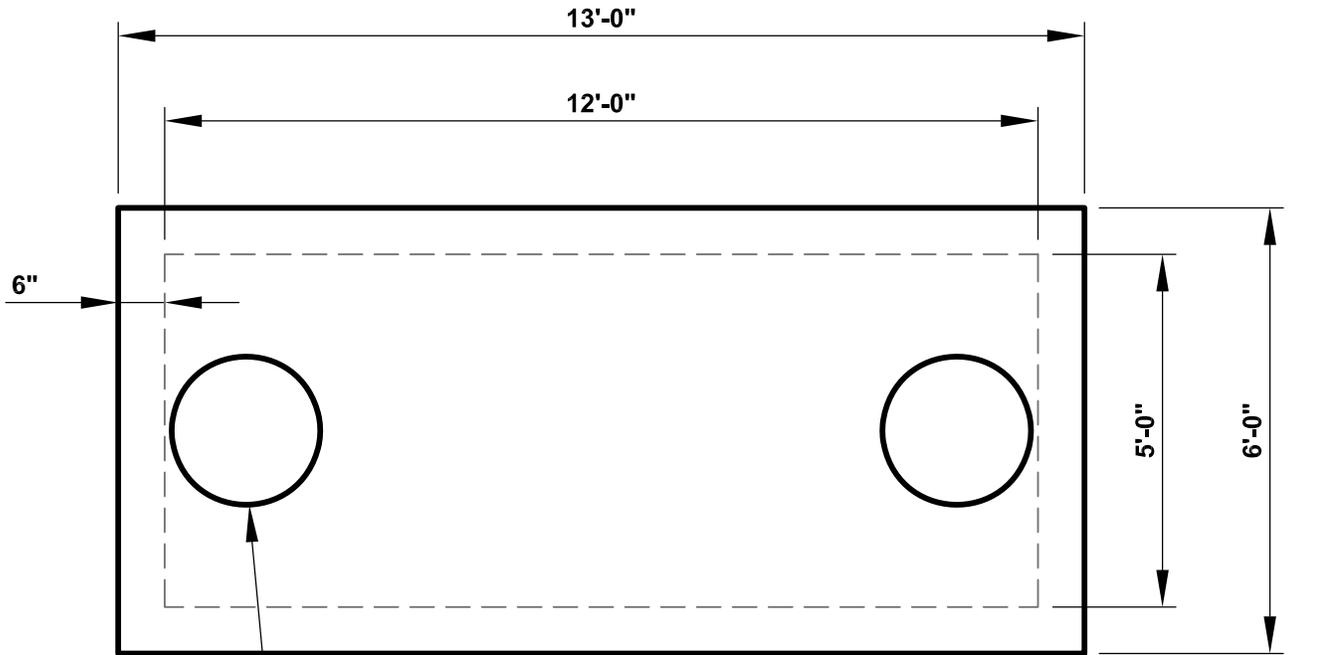
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

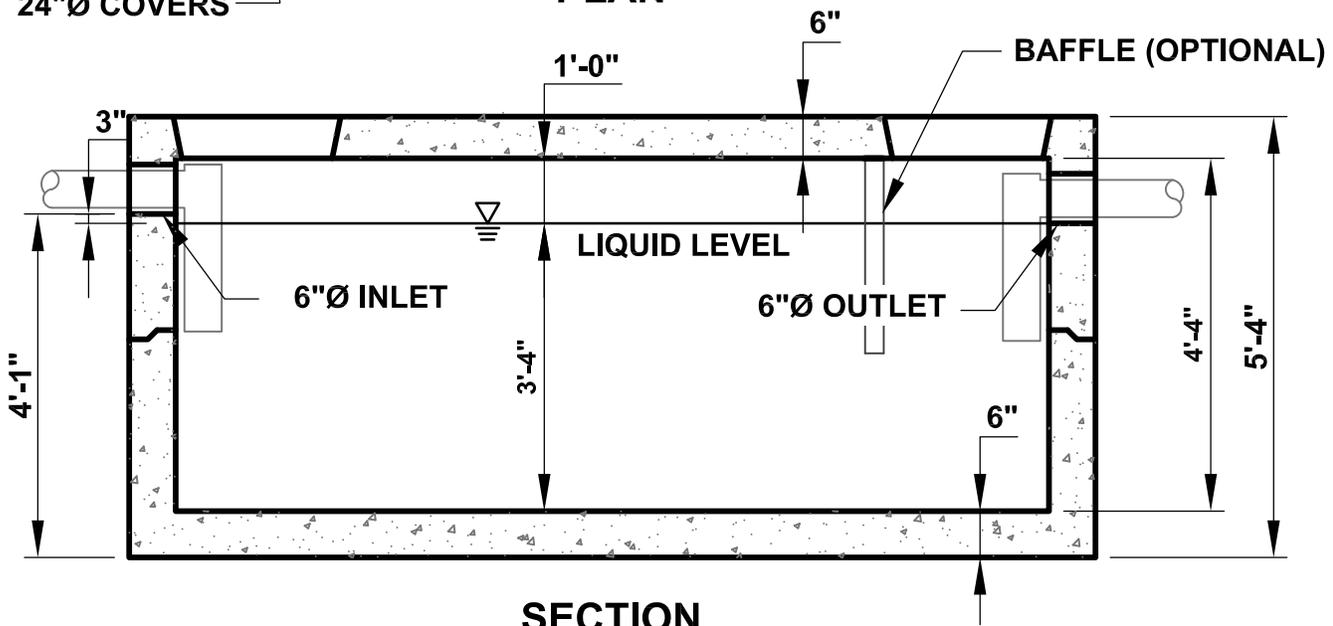
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

1,500 GALLON GREASE TRAP



24"Ø COVERS

PLAN



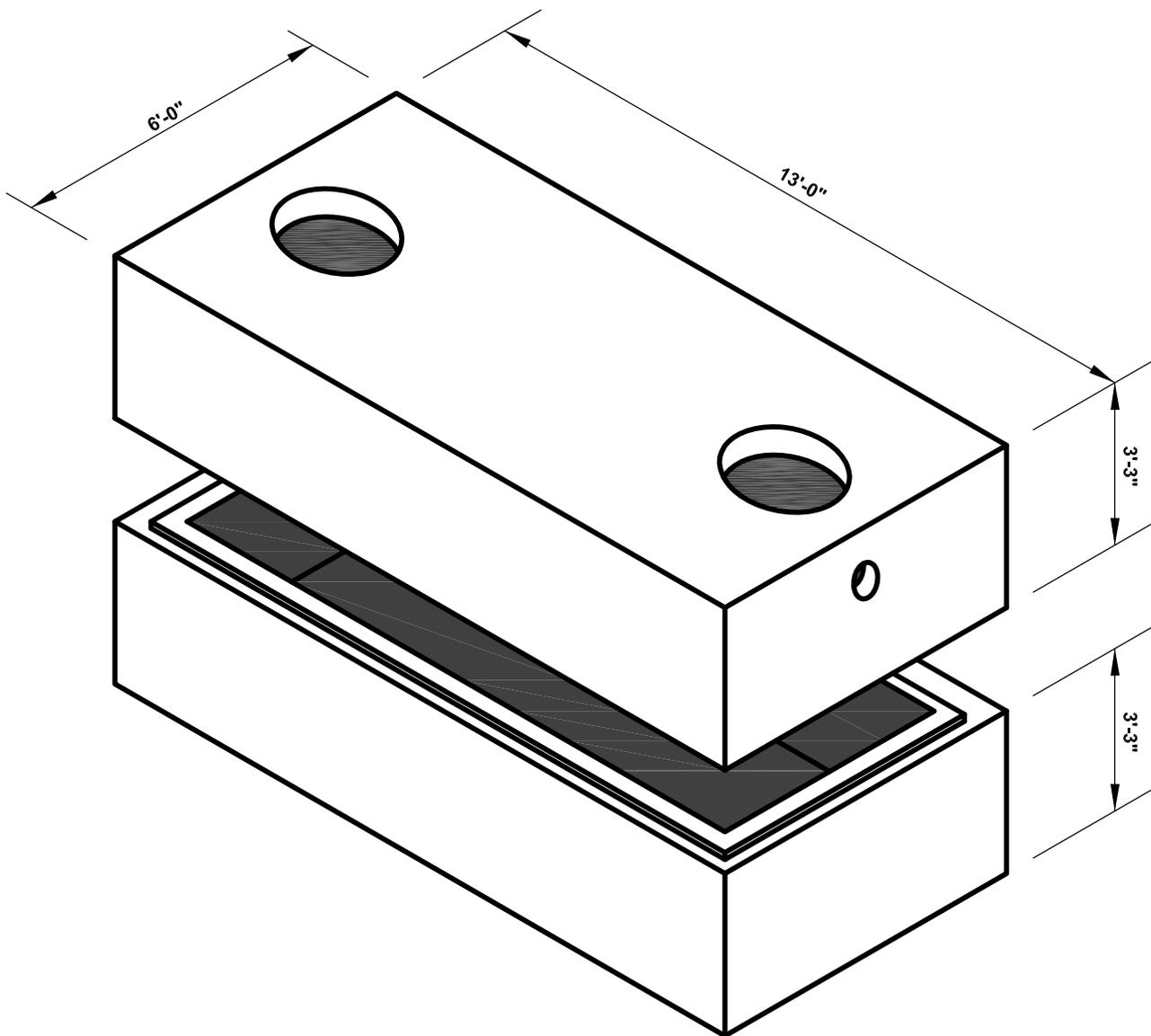
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

2,000 GALLON GREASE TRAP **INTERIOR DIMENSIONS 12'x5'x5'-6"**



APPROX. WEIGHTS:
TOP: 12,800 LB
BASE: 13,300 LB

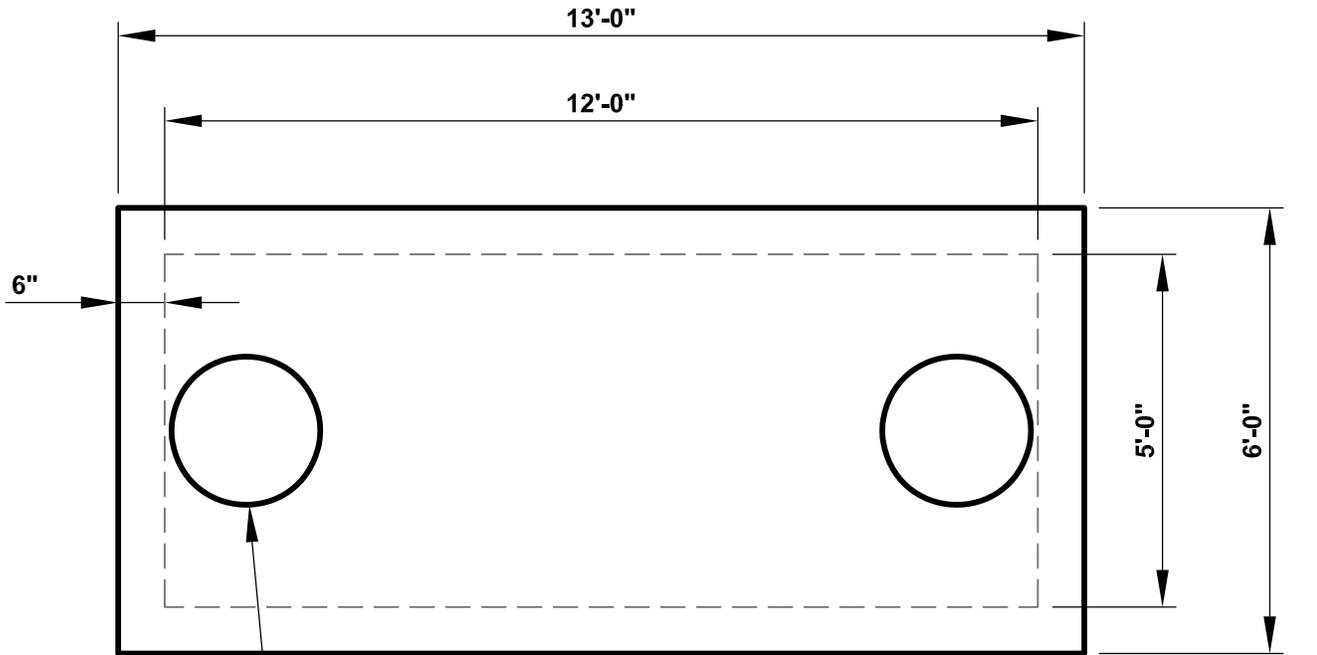
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

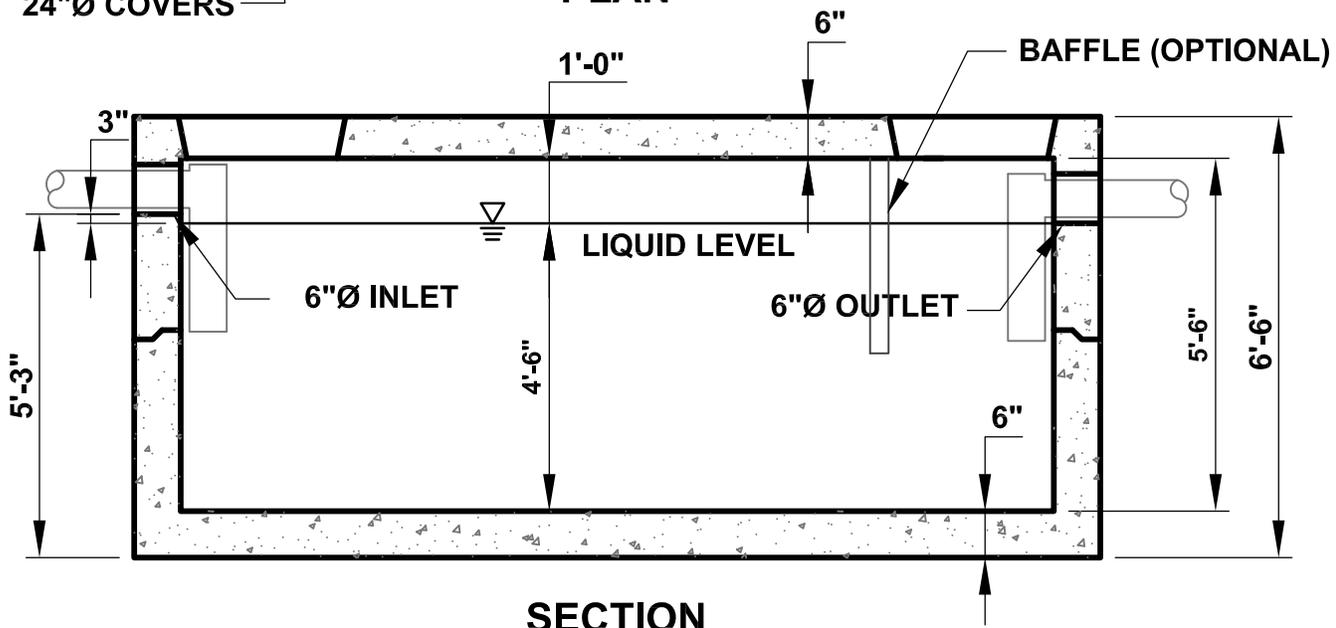
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

2,000 GALLON GREASE TRAP



24"Ø COVERS

PLAN



SECTION

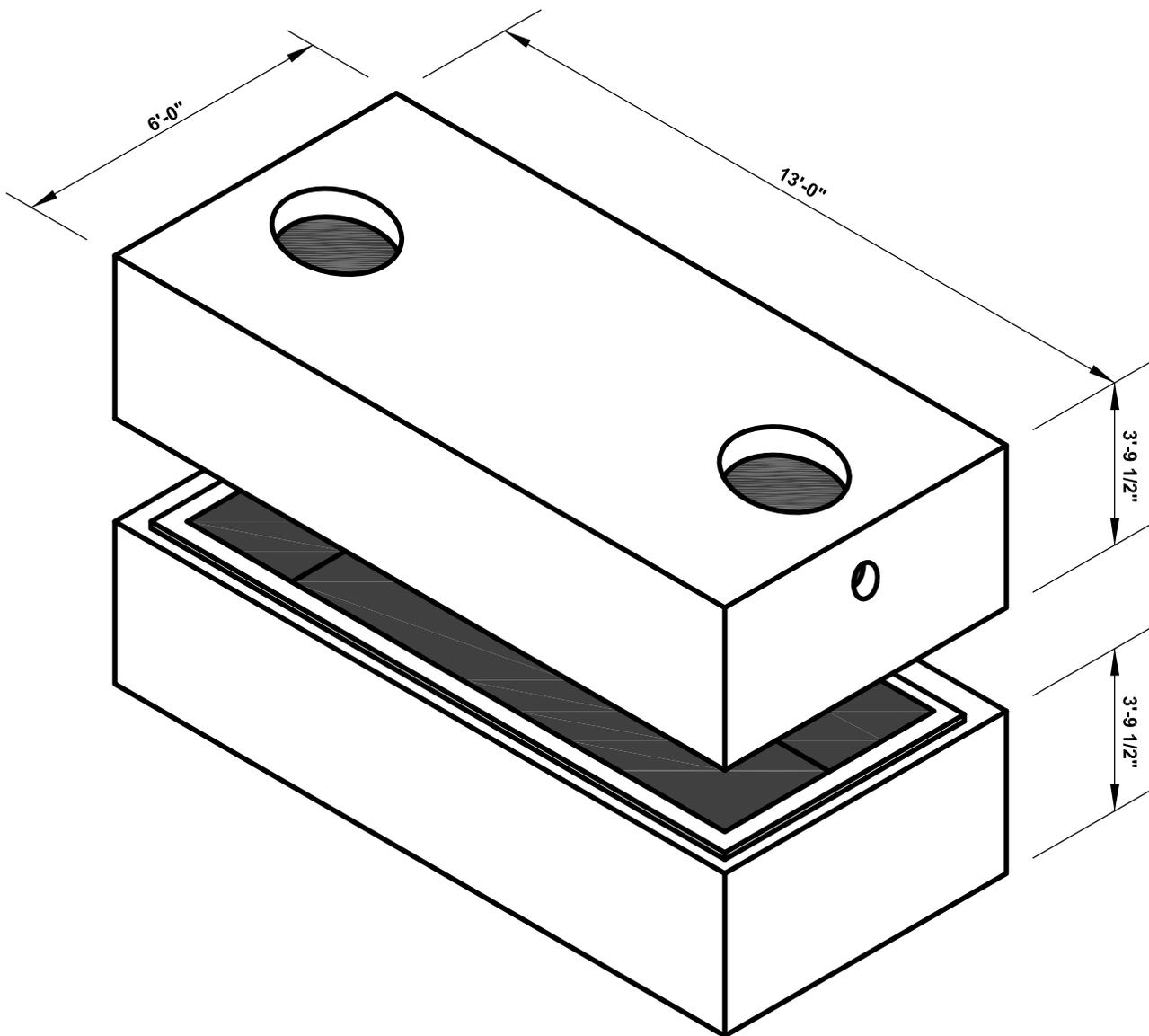
STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

2,500 GALLON GREASE TRAP

INTERIOR DIMENSIONS 12'x5'x6'-7"



APPROX. WEIGHTS:

TOP: 13,300 LB

BASE: 14,800 LB

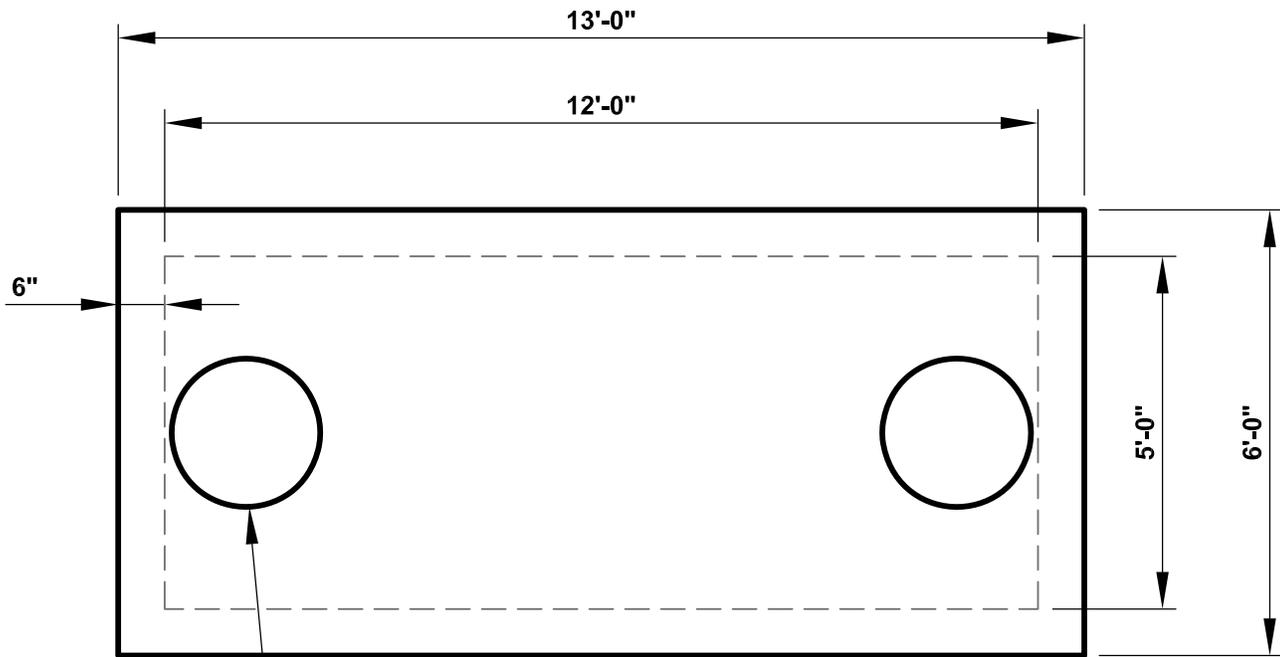
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

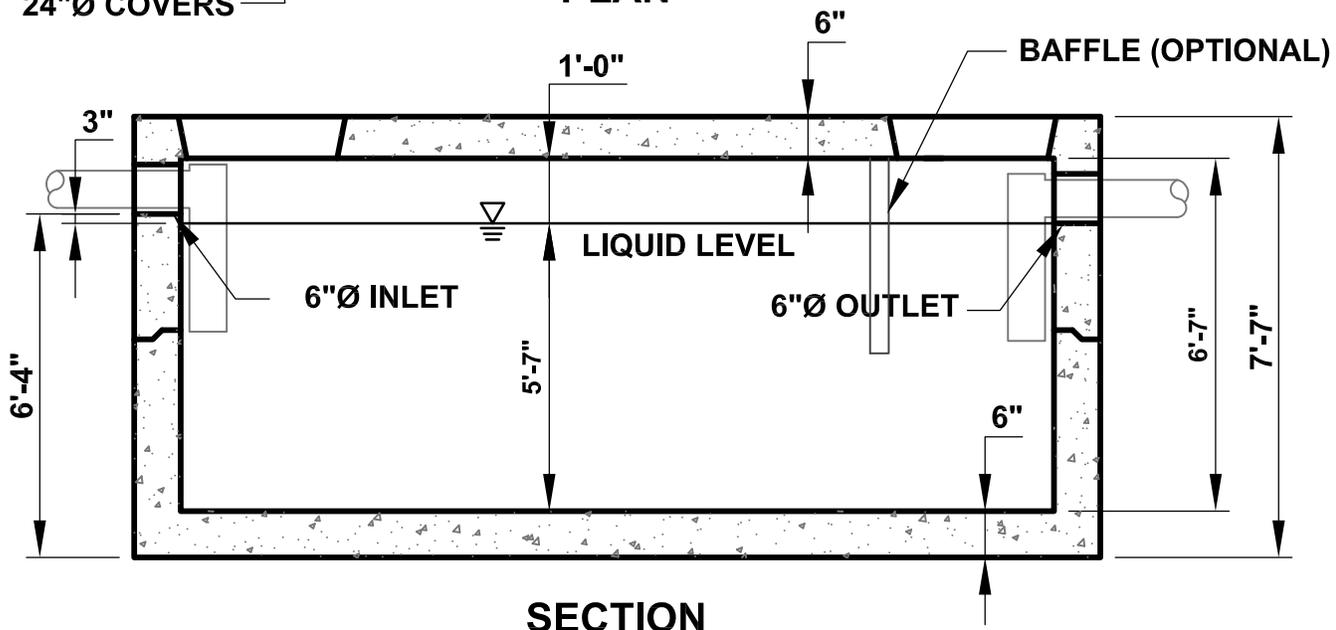
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

2,500 GALLON GREASE TRAP



24"Ø COVERS

PLAN



SECTION

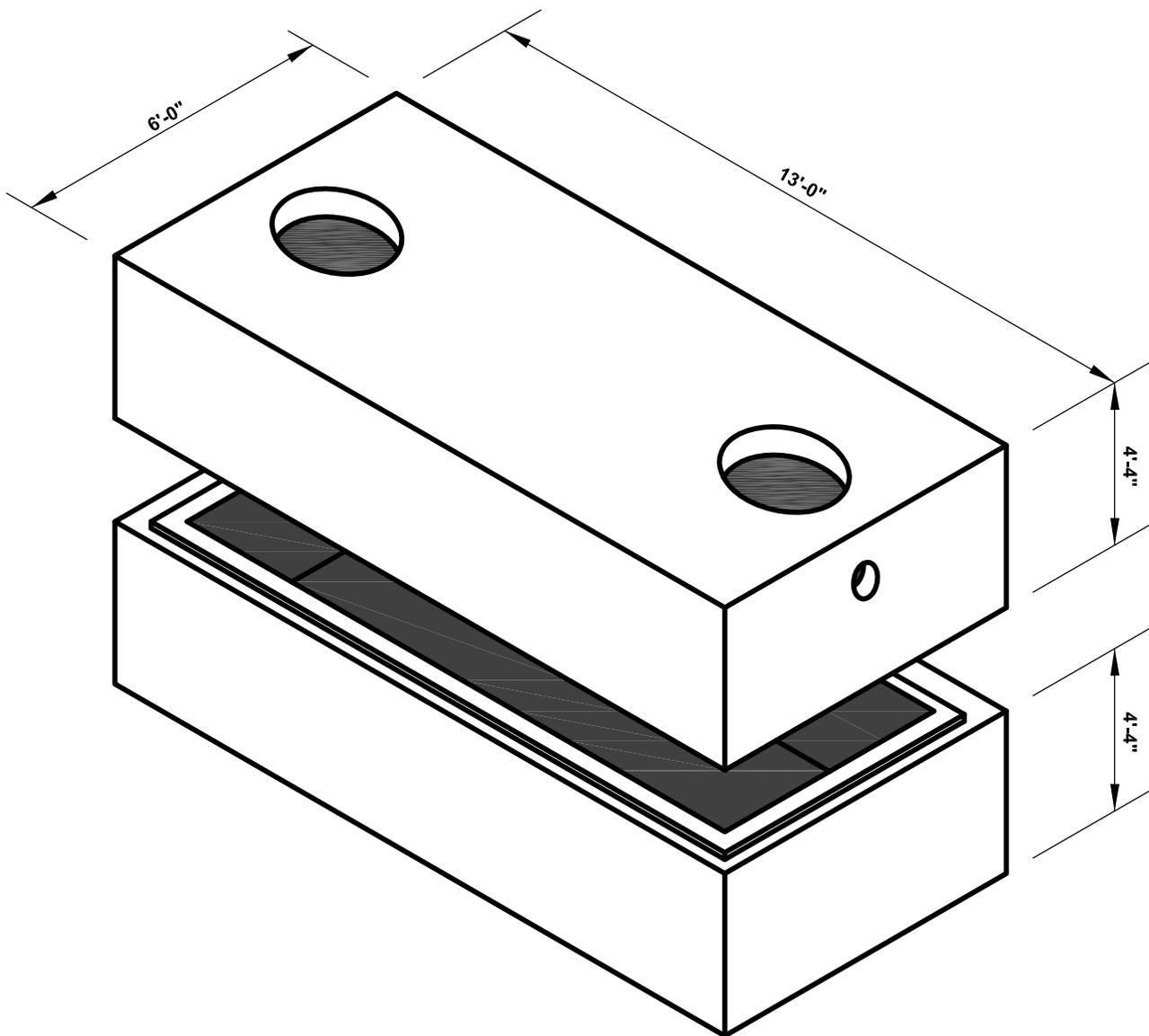
STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

3,000 GALLON GREASE TRAP

INTERIOR DIMENSIONS 12'x5'x7'-8"



APPROX. WEIGHTS:

TOP: 15,800 LB

BASE: 16,300 LB

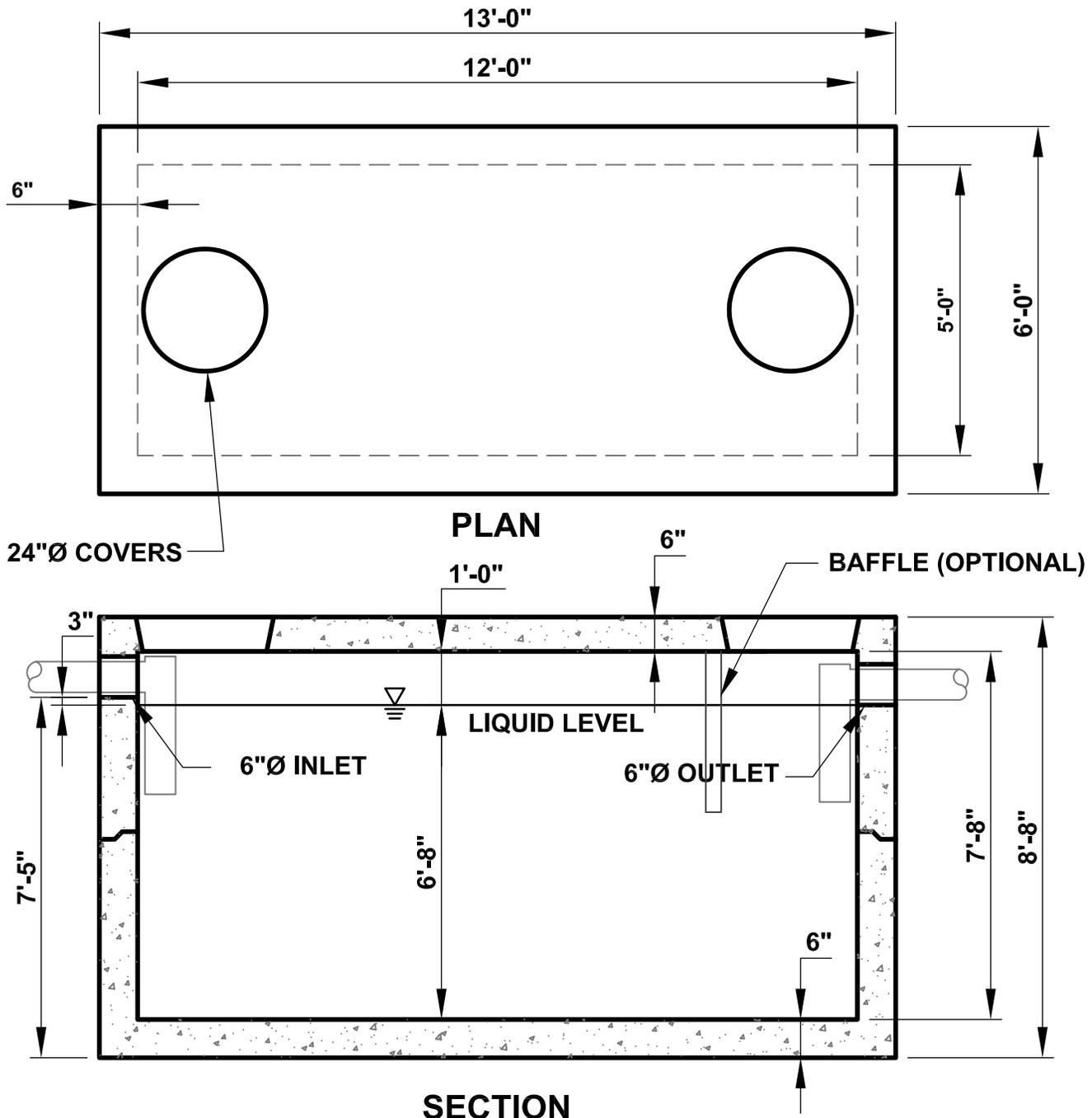
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

3,000 GALLON GREASE TRAP

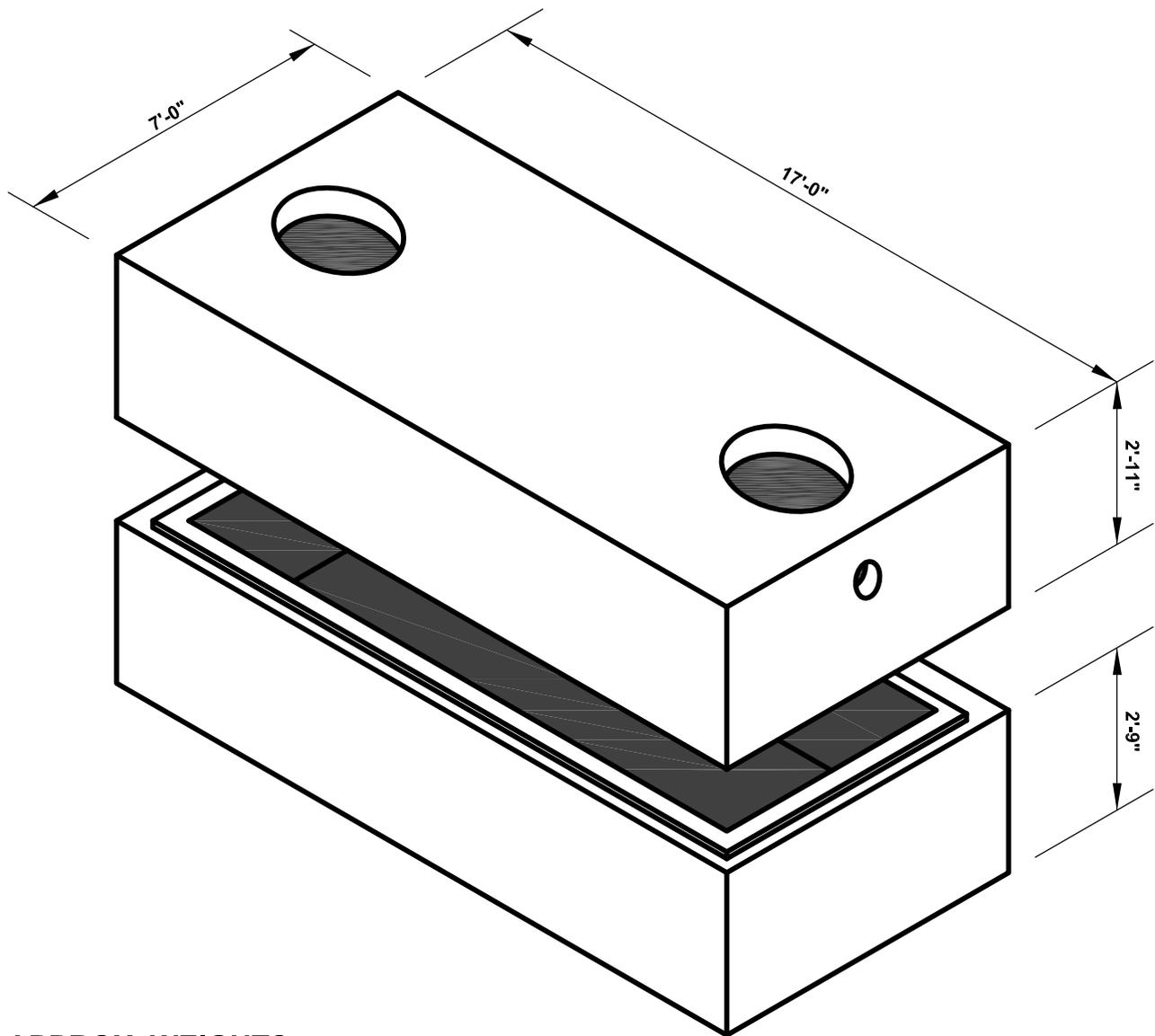


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

2,500 GALLON GREASE TRAP **INTERIOR DIMENSIONS 16'x6'x4'-6"**



APPROX. WEIGHTS:
TOP: 18,600 LB
BASE: 16,700 LB

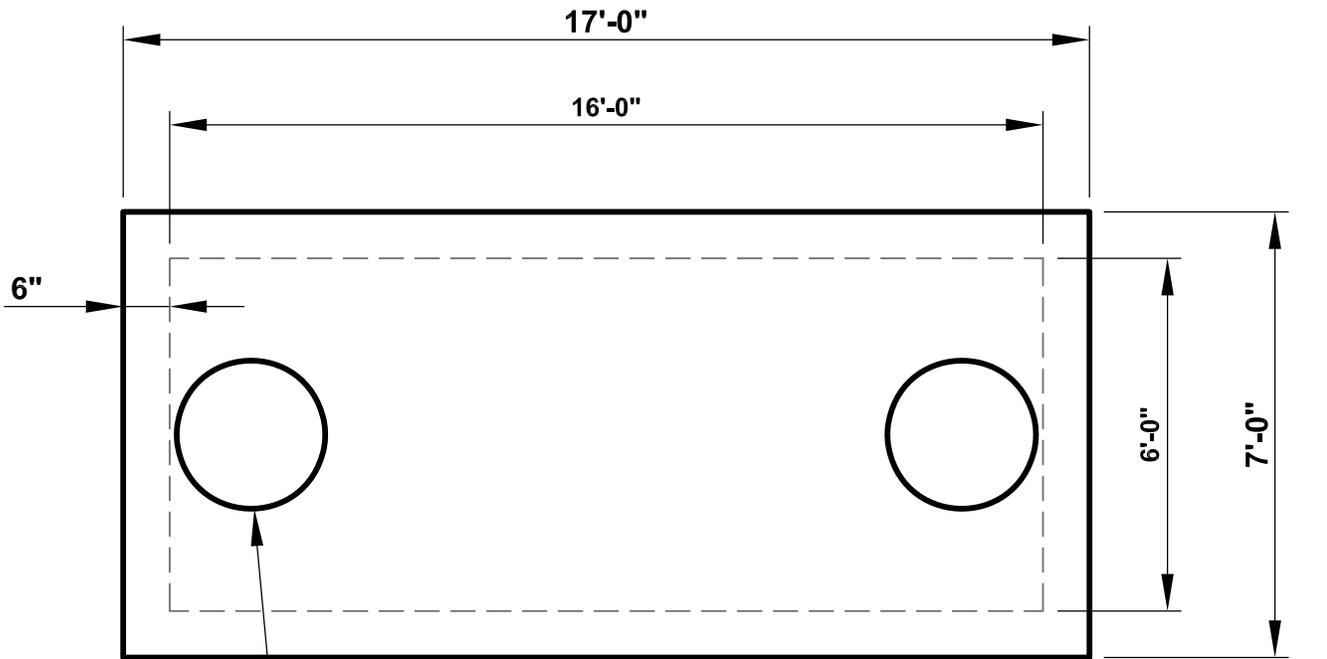
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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CERTIFIED PLANT

DURASTONE

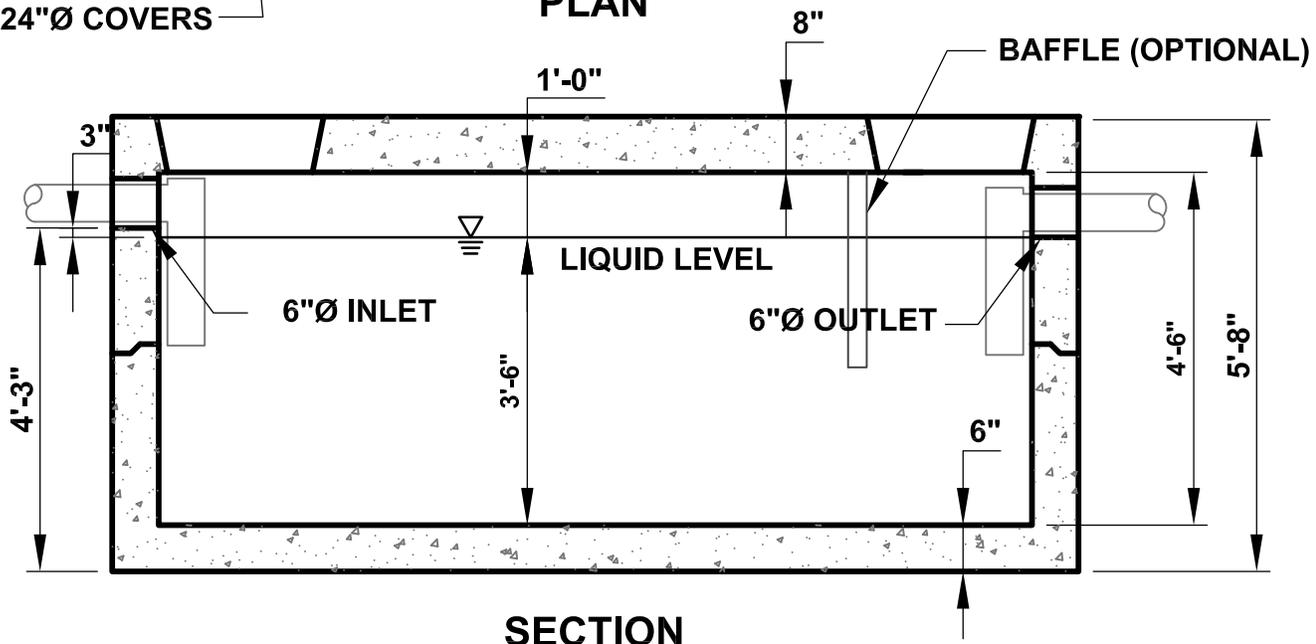
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

2,500 GALLON GREASE TRAP



24"Ø COVERS

PLAN



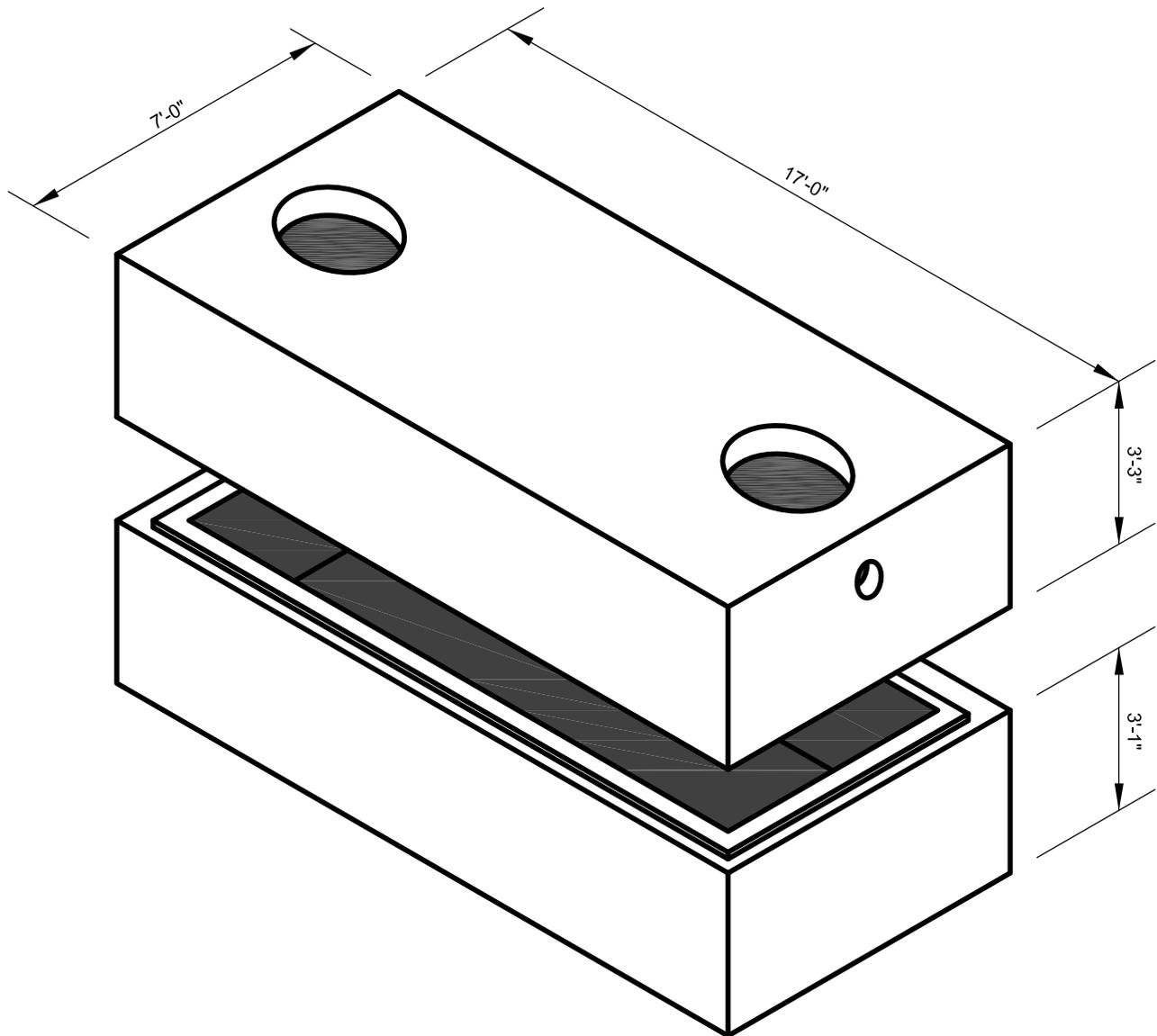
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

3,000 GALLON GREASE TRAP **INTERIOR DIMENSIONS 16'X6'X5'-2"**



APPROX. WEIGHTS:
TOP: 19,800 LB
BASE: 17,900 LB

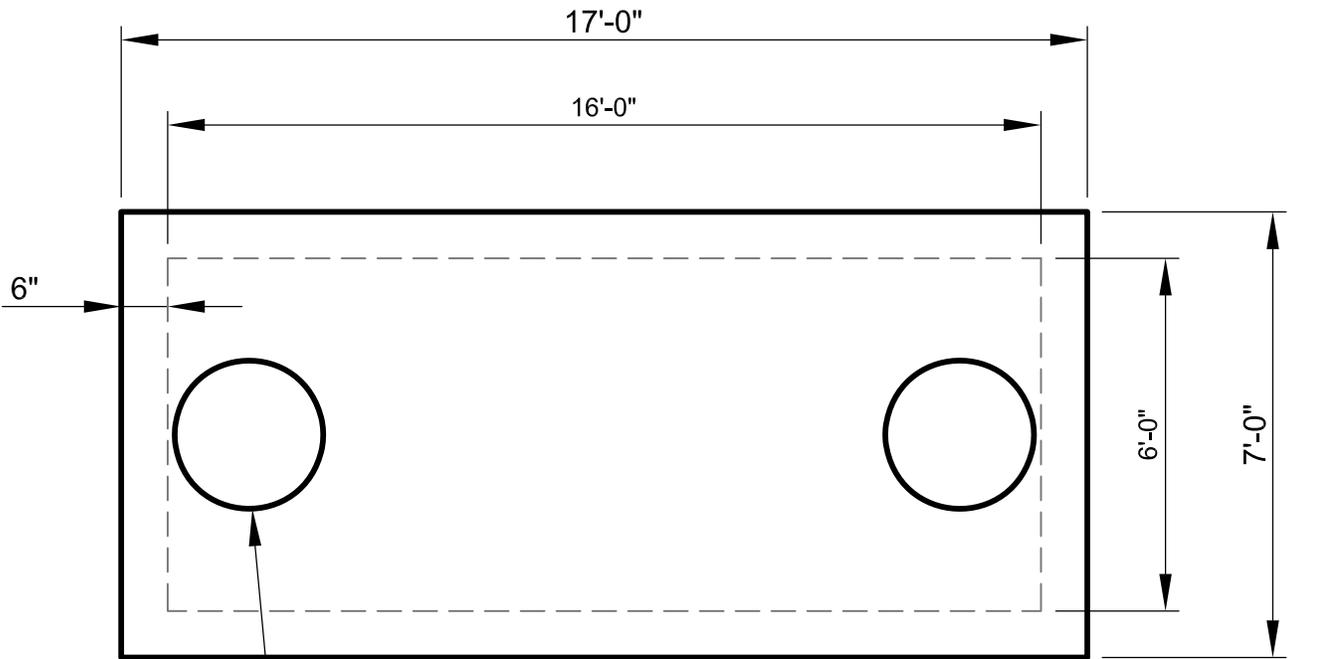
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

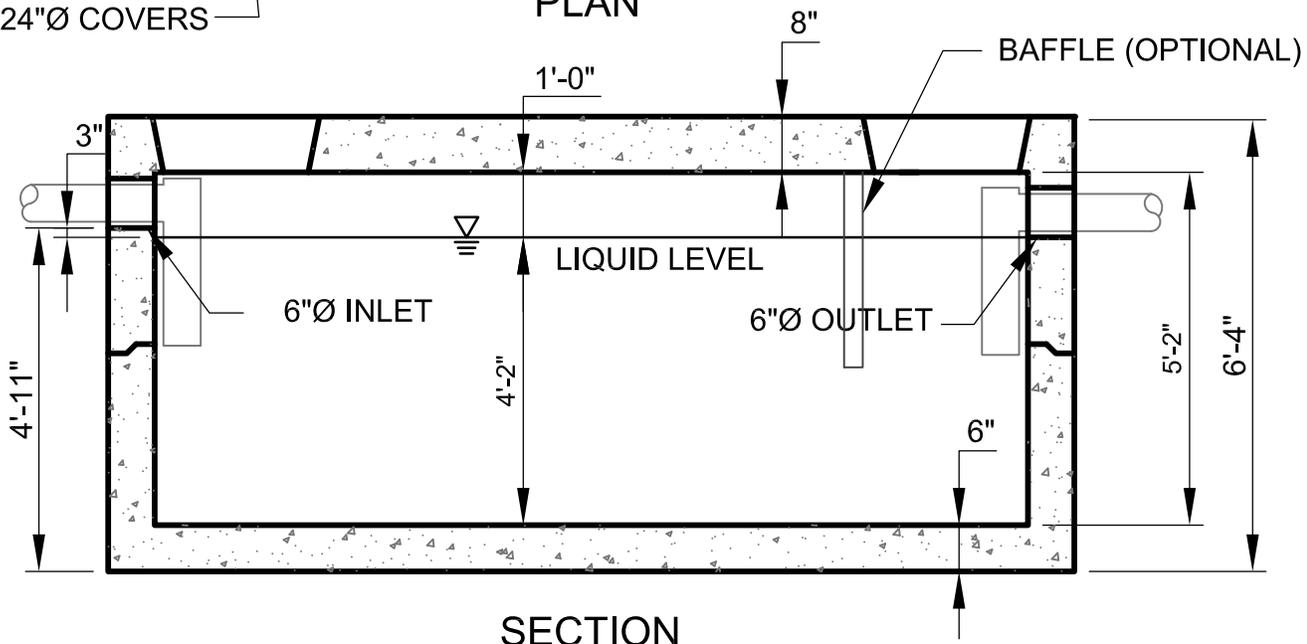
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

3,000 GALLON GREASE TRAP



24"Ø COVERS

PLAN



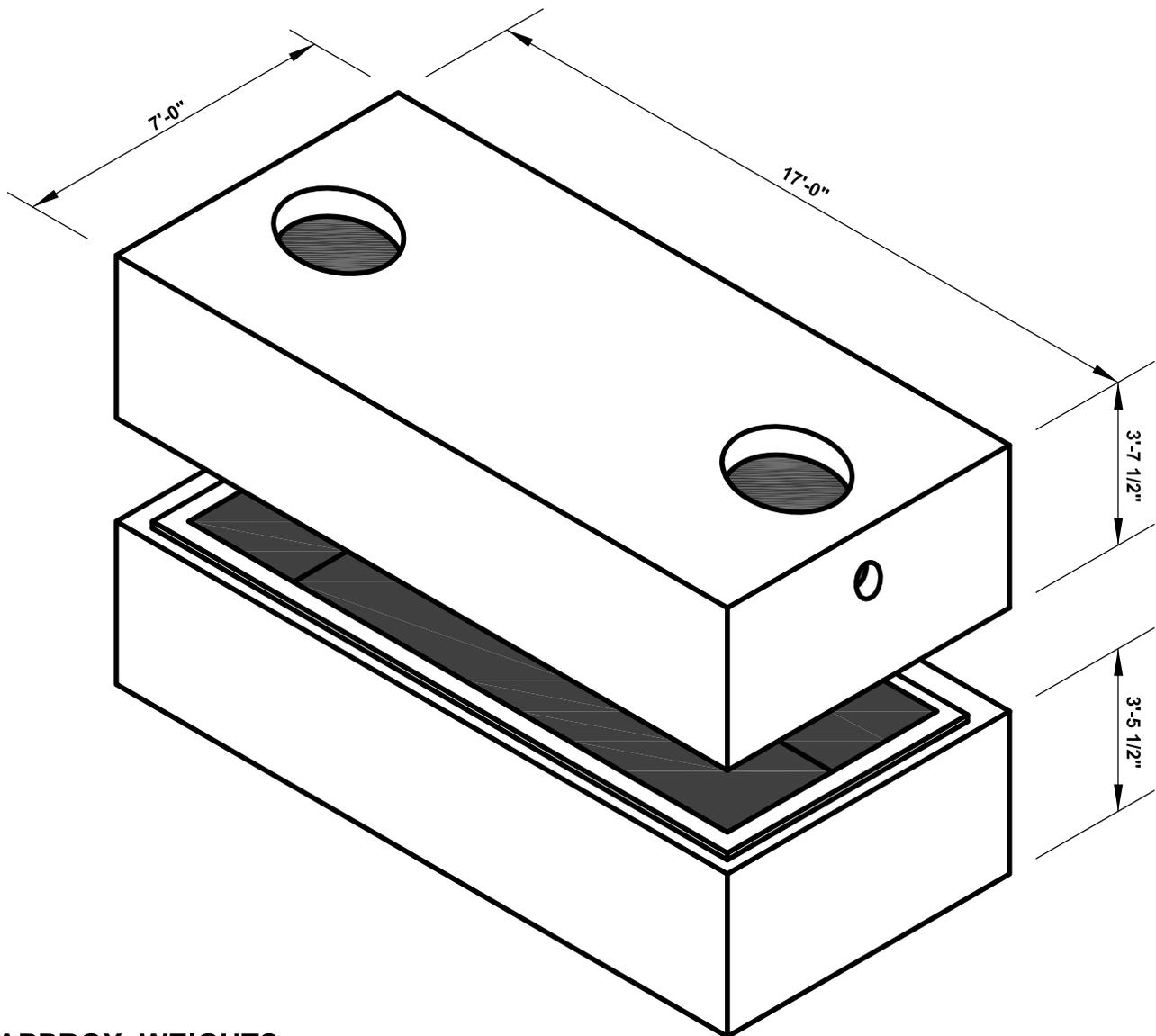
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

3,500 GALLON GREASE TRAP INTERIOR DIMENSIONS 16'X6'X5'-11"



APPROX. WEIGHTS:
TOP: 21,000 LB
BASE: 19,100 LB

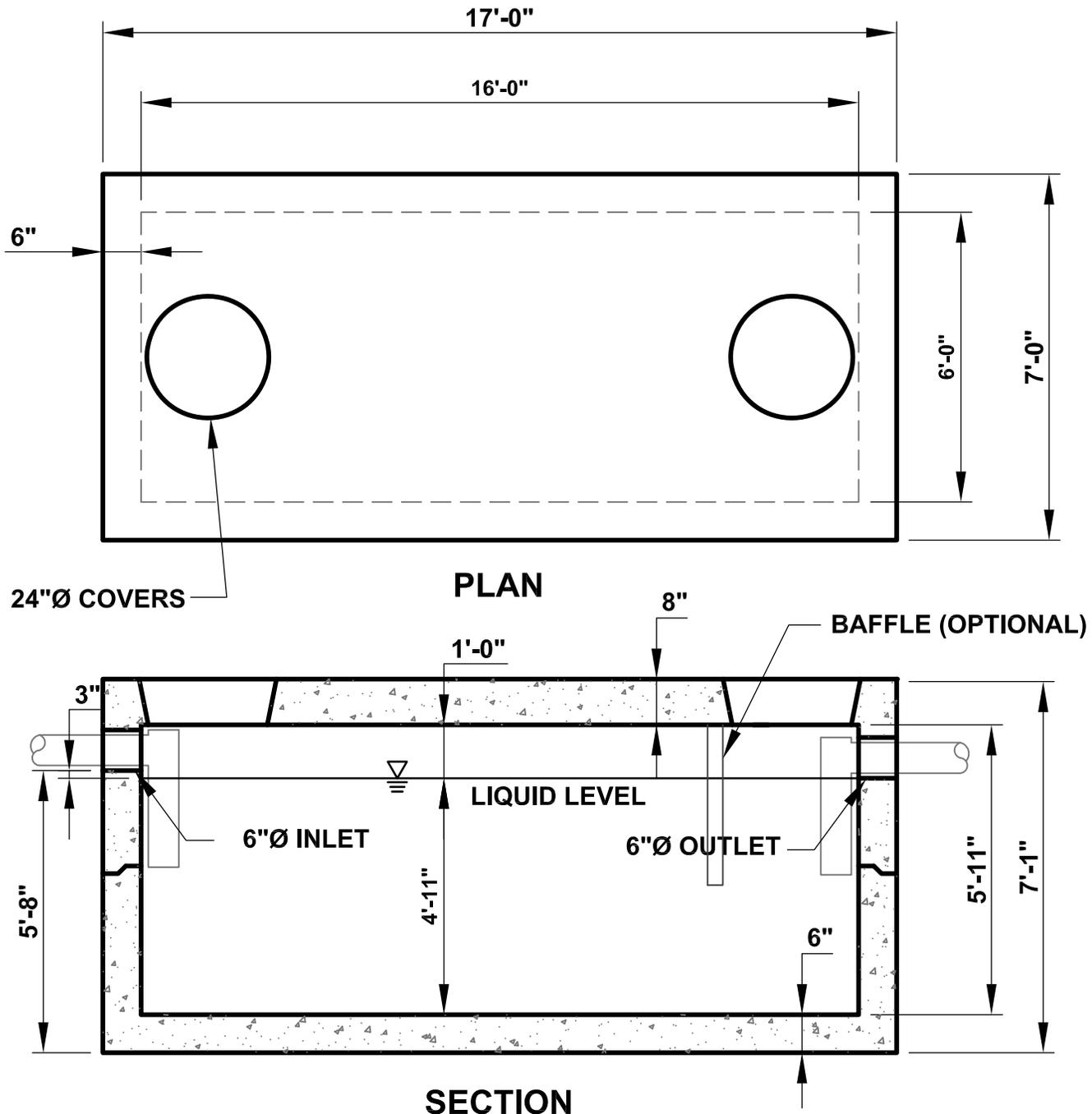
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

3,500 GALLON GREASE TRAP

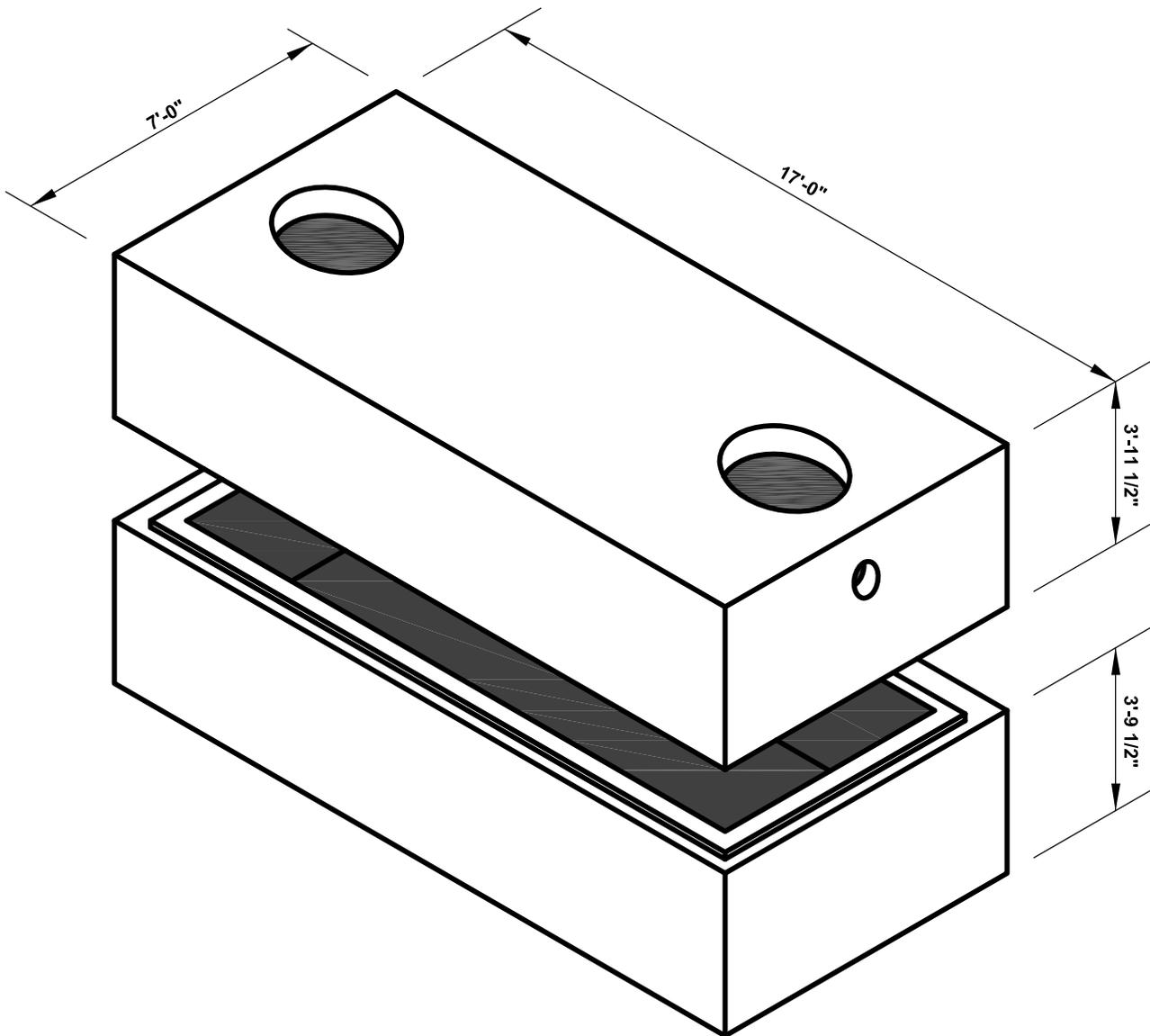


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

4,000 GALLON GREASE TRAP INTERIOR DIMENSIONS 16'X6'X6'-7"



APPROX. WEIGHTS:
TOP: 22,200 LB
BASE: 20,300 LB

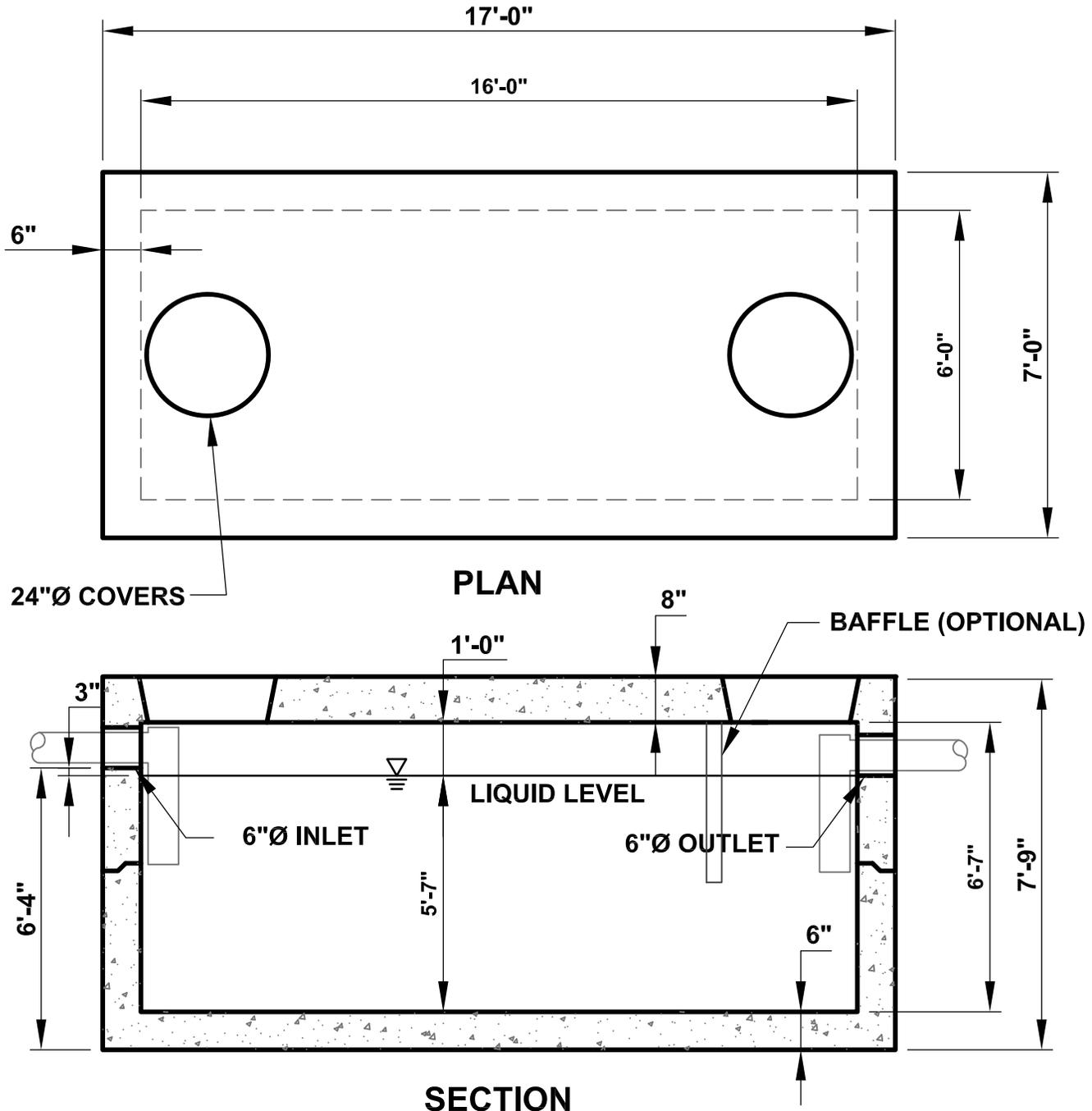
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

4,000 GALLON GREASE TRAP



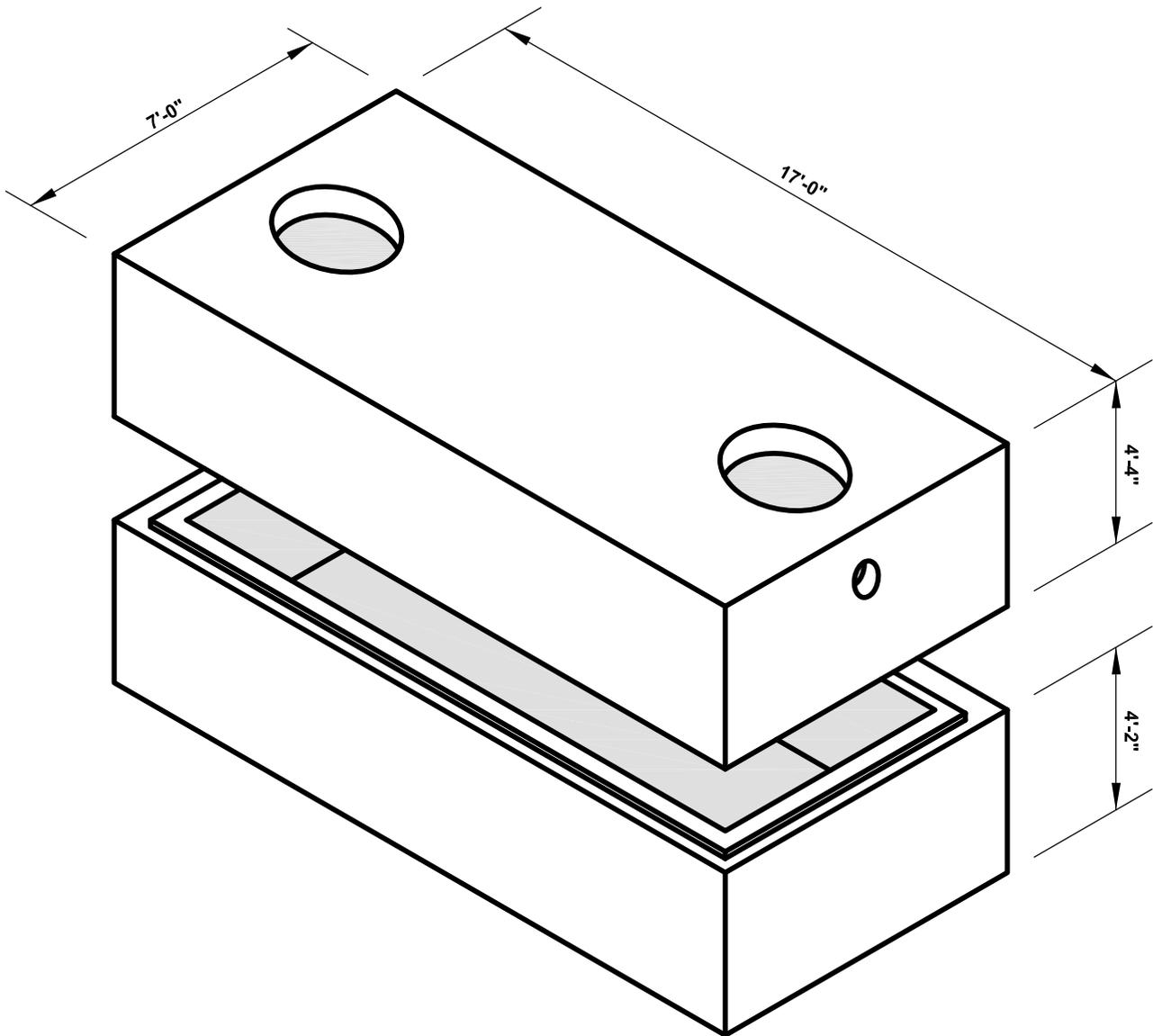
STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

4,500 GALLON GREASE TRAP

INTERIOR DIMENSIONS 16'x6'x7'-4"



APPROX. WEIGHTS:

TOP: 23,500 LB

BASE: 21,600 LB

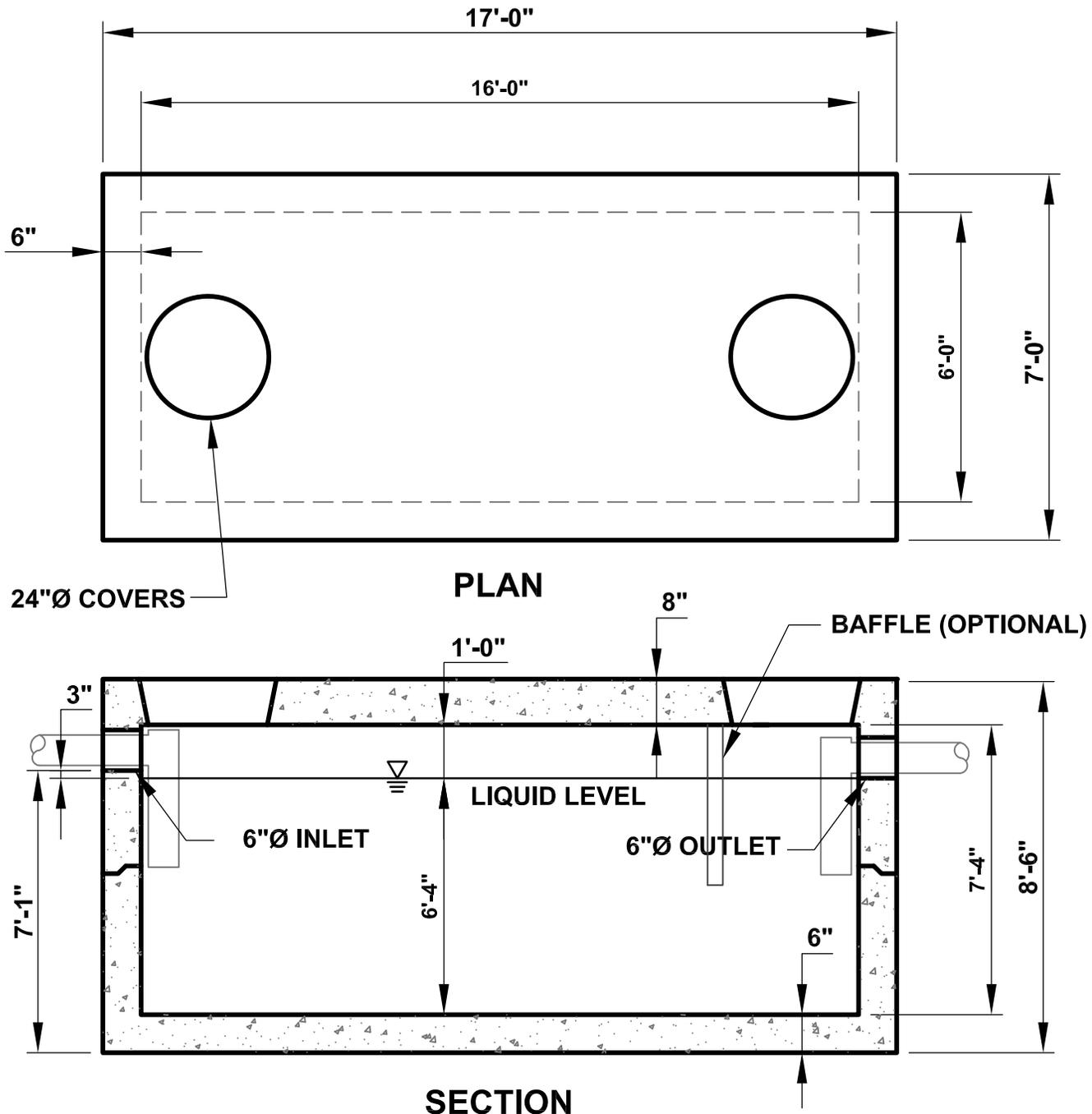
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

4,500 GALLON GREASE TRAP

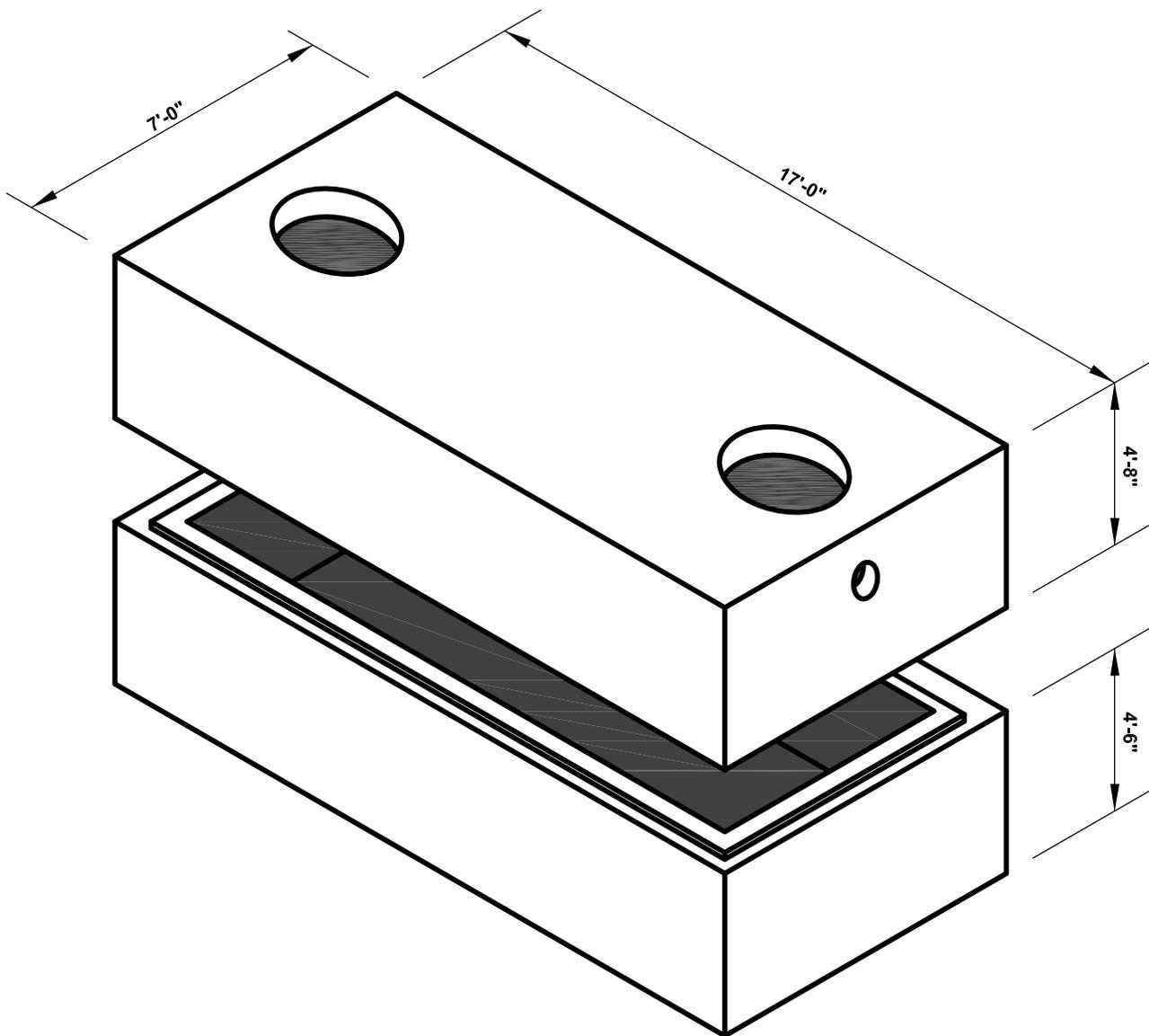


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

5,000 GALLON GREASE TRAP INTERIOR DIMENSIONS 16'X6'X8'-0"



APPROX. WEIGHTS:
TOP: 24,600 LB
BASE: 22,700 LB

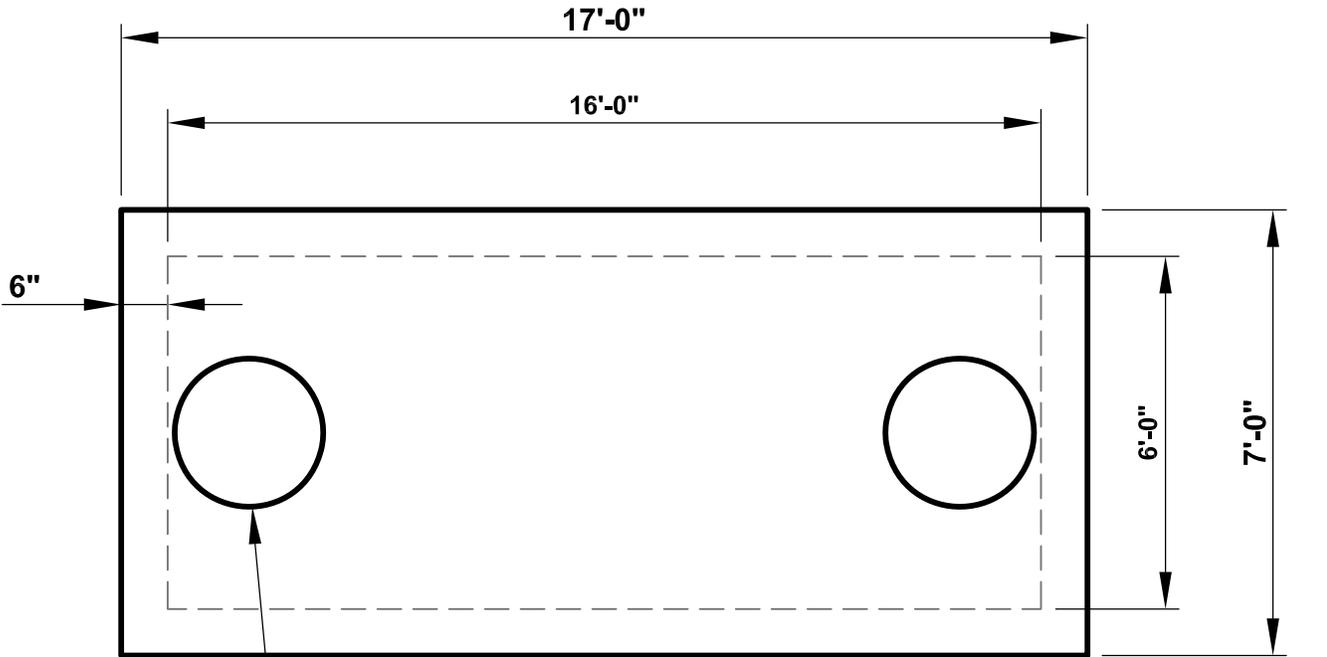
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

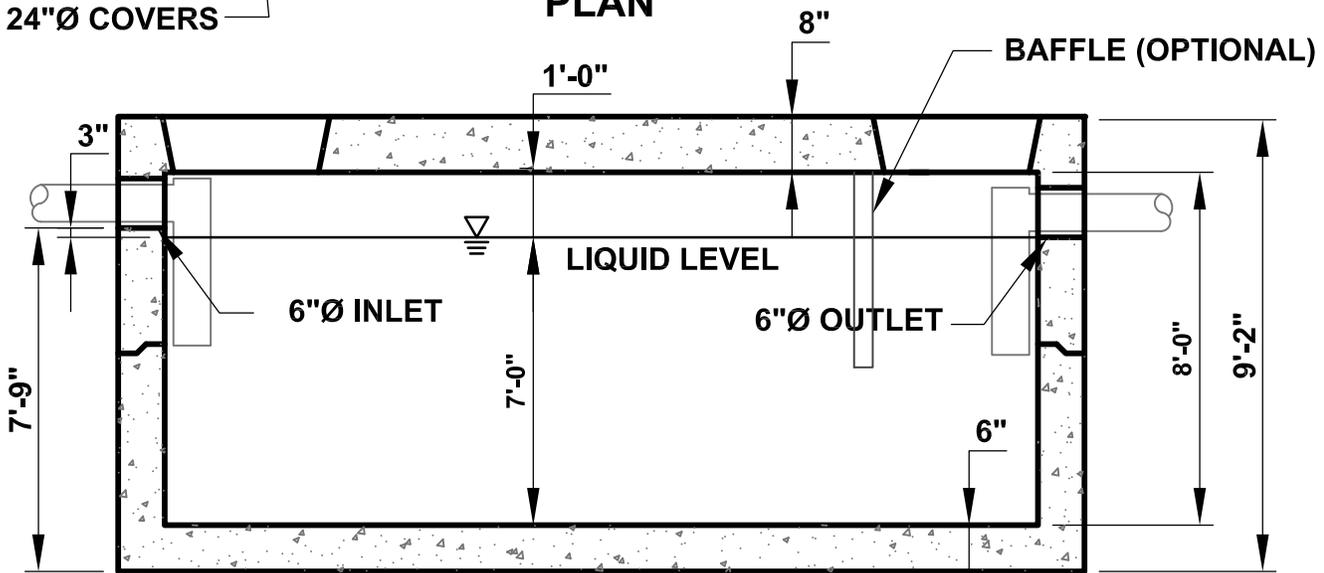
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5,000 GALLON GREASE TRAP



24"Ø COVERS

PLAN



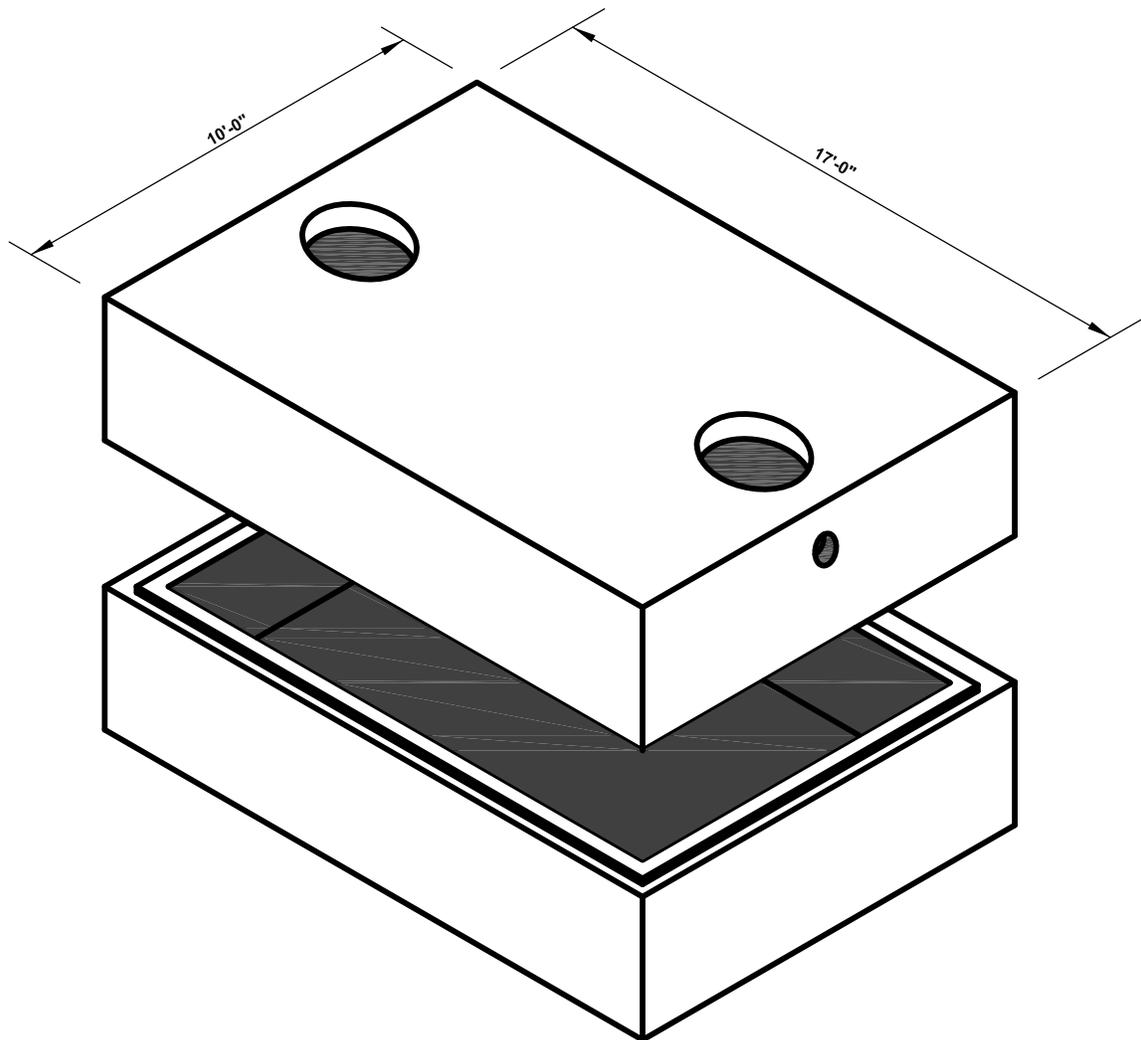
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

5,000 GALLON GREASE TRAP **INTERIOR DIMENSIONS 16'x9'x5'-8"**



APPROX. WEIGHTS:
TOP: 29,500 LB
BASE: 23,800 LB

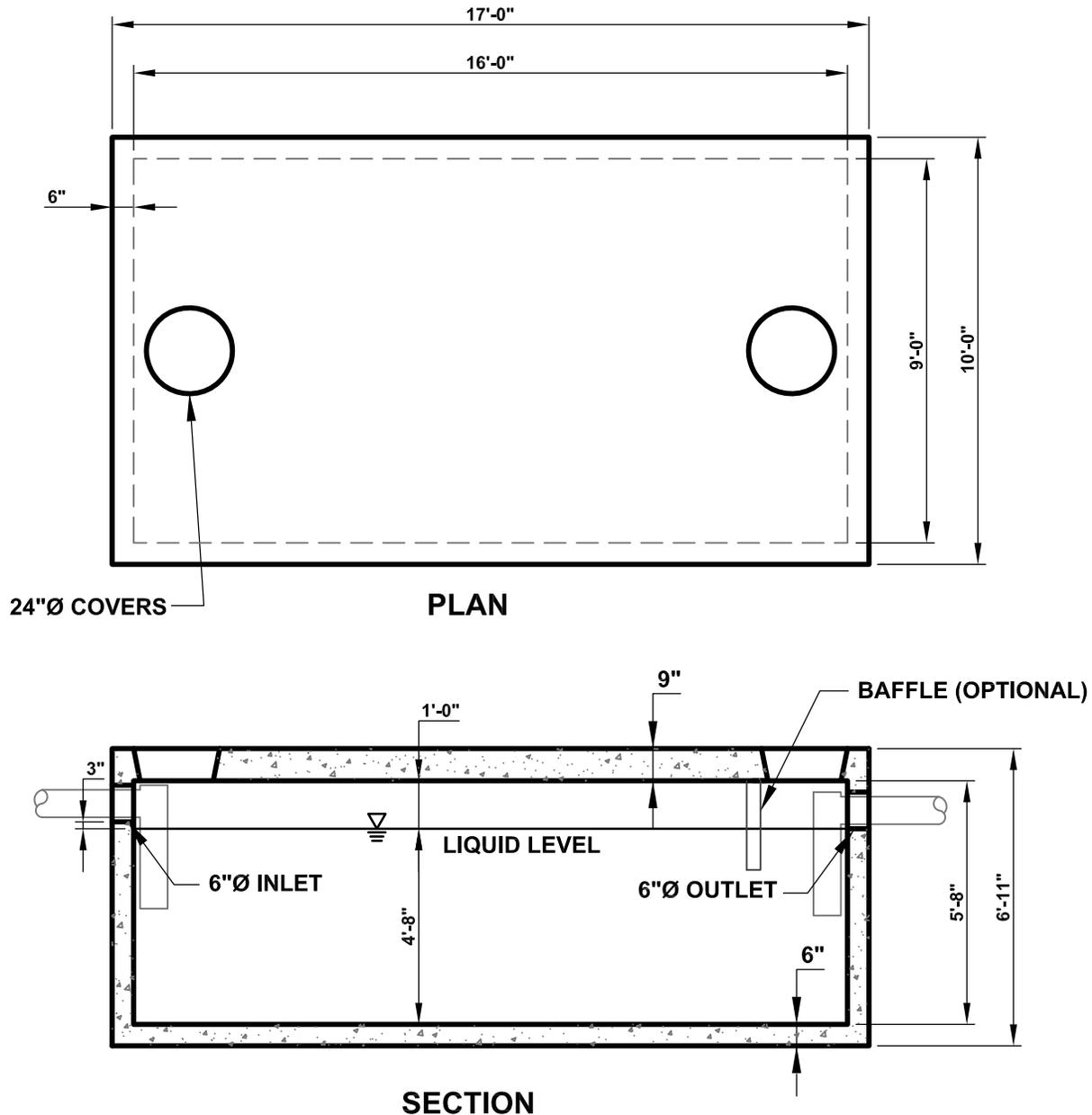
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

5,000 GALLON GREASE TRAP

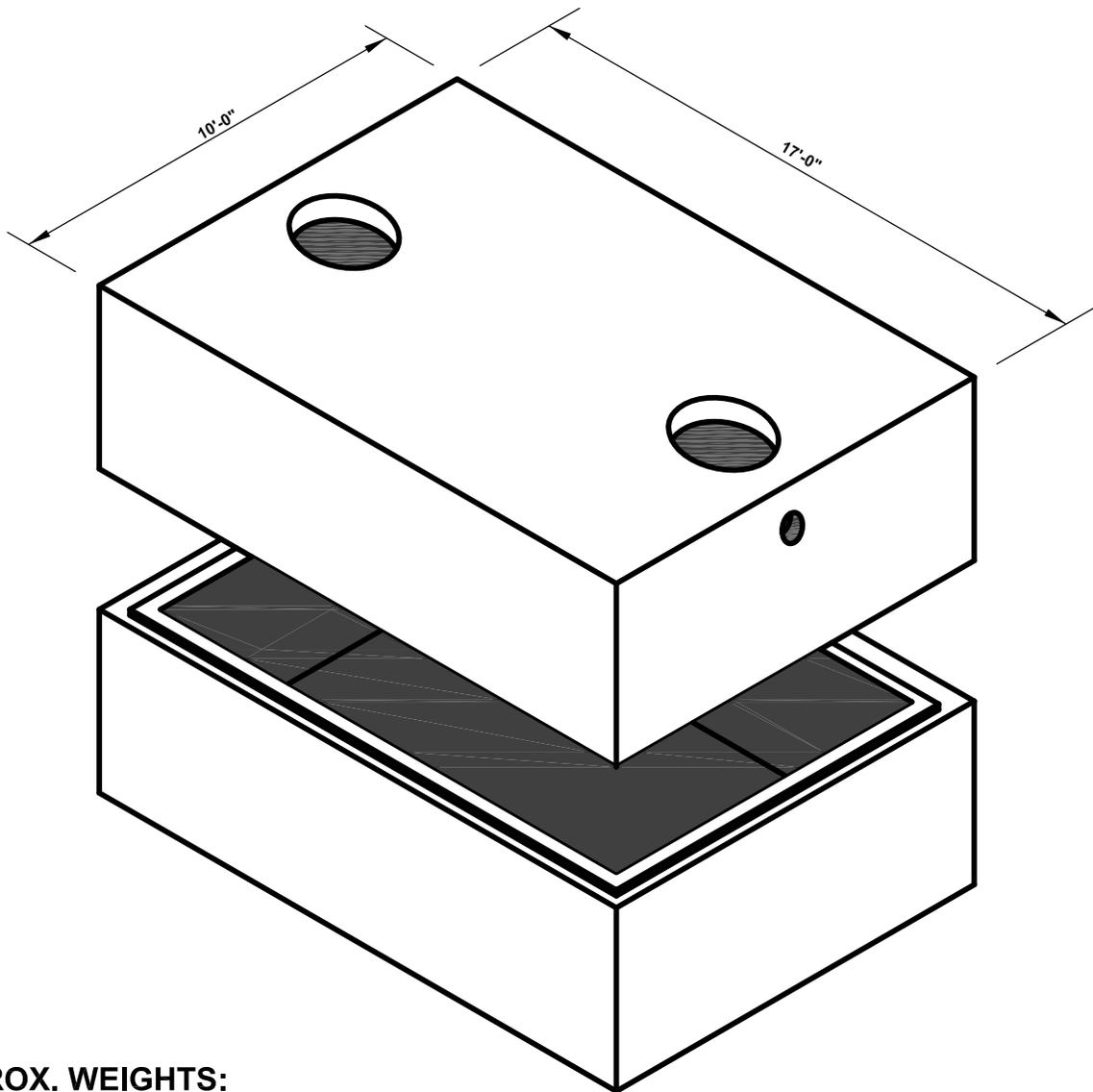


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

6,000 GALLON GREASE TRAP **INTERIOR DIMENSIONS 16'x9'x6'-7"**



APPROX. WEIGHTS:
TOP: 31,300 LB
BASE: 25,600 LB

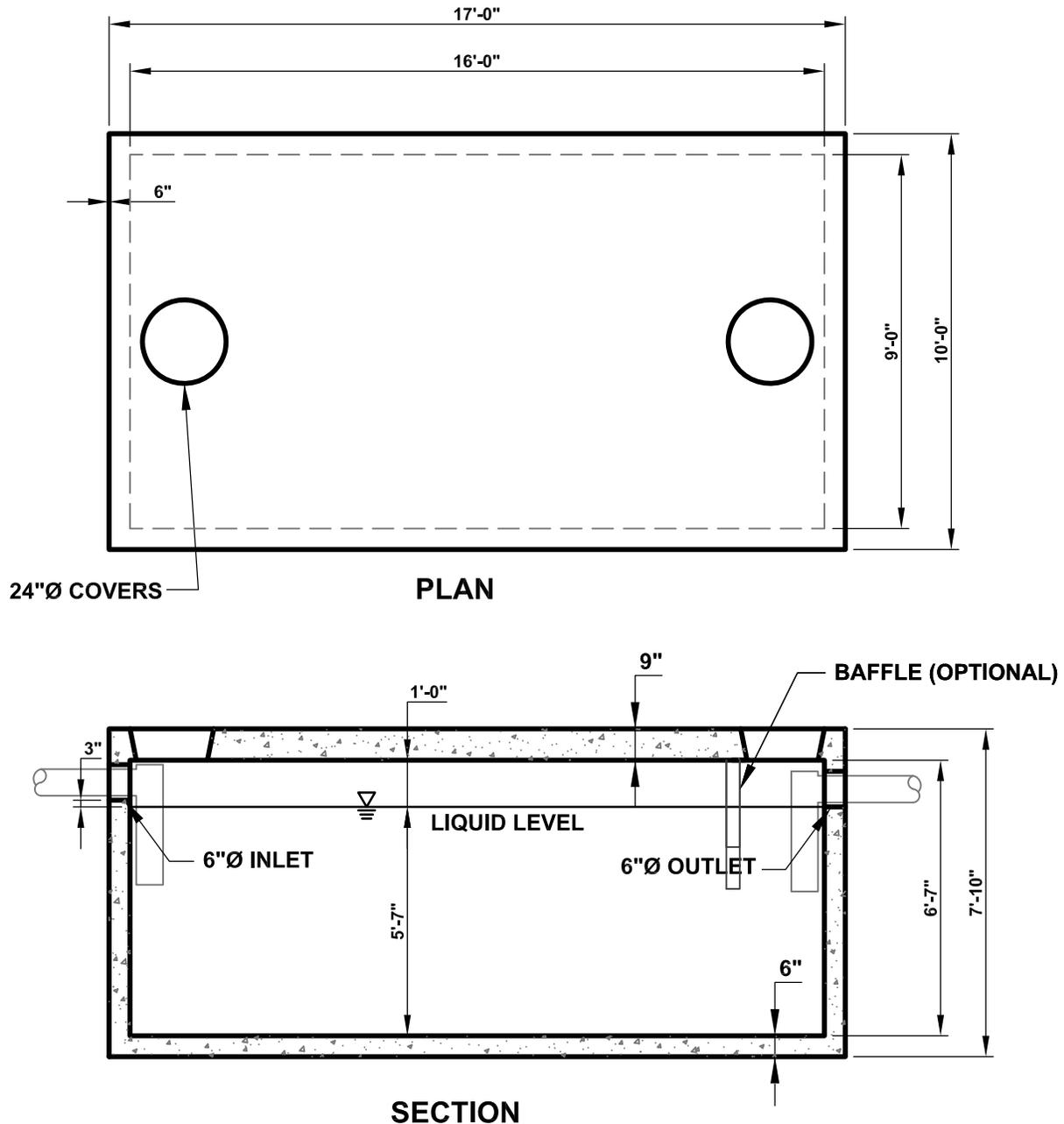
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

6,000 GALLON GREASE TRAP

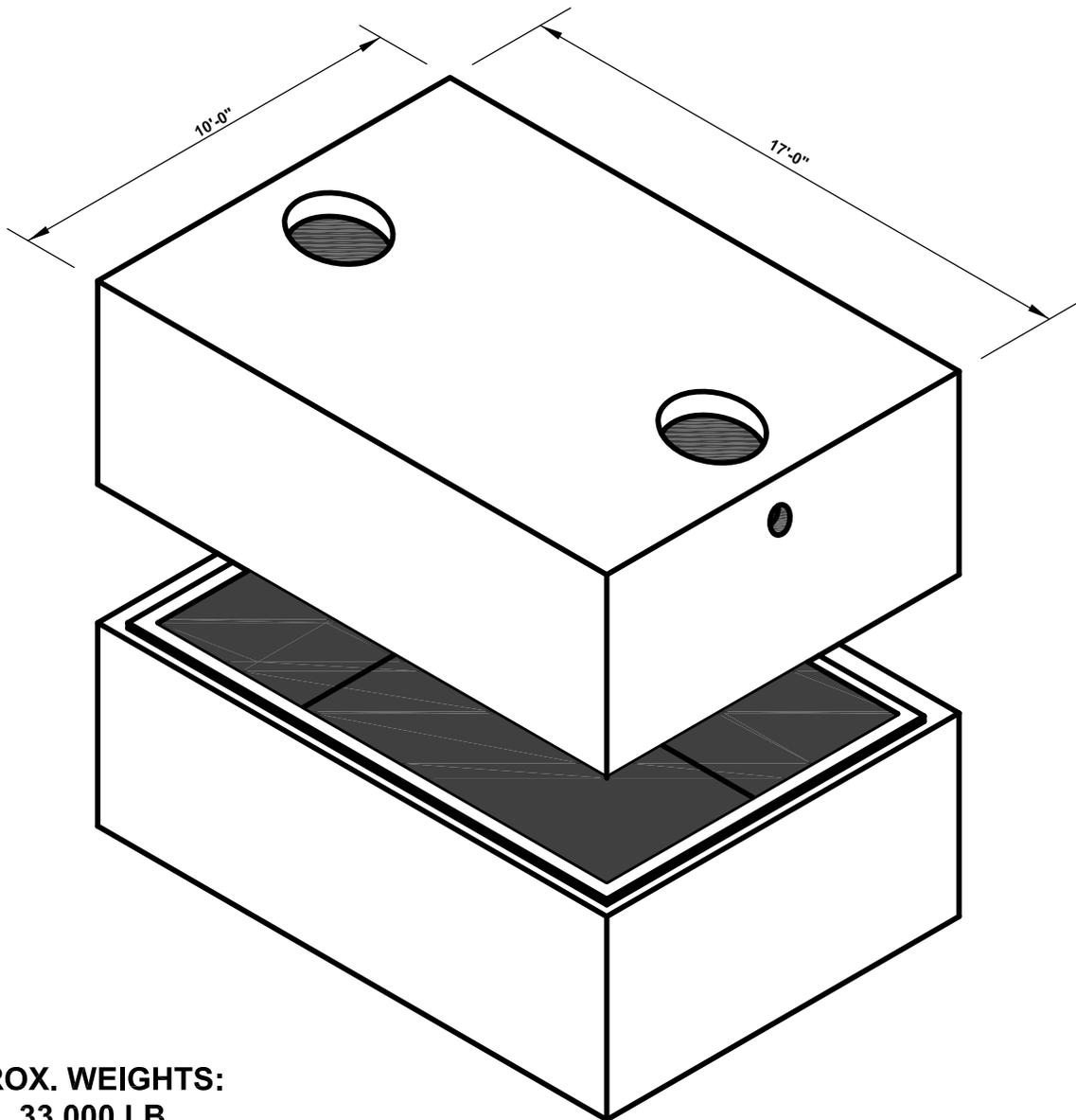


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

7,000 GALLON GREASE TRAP **INTERIOR DIMENSIONS 16'x9'x7'-6"**



APPROX. WEIGHTS:
TOP: 33,000 LB
BASE: 27,400 LB

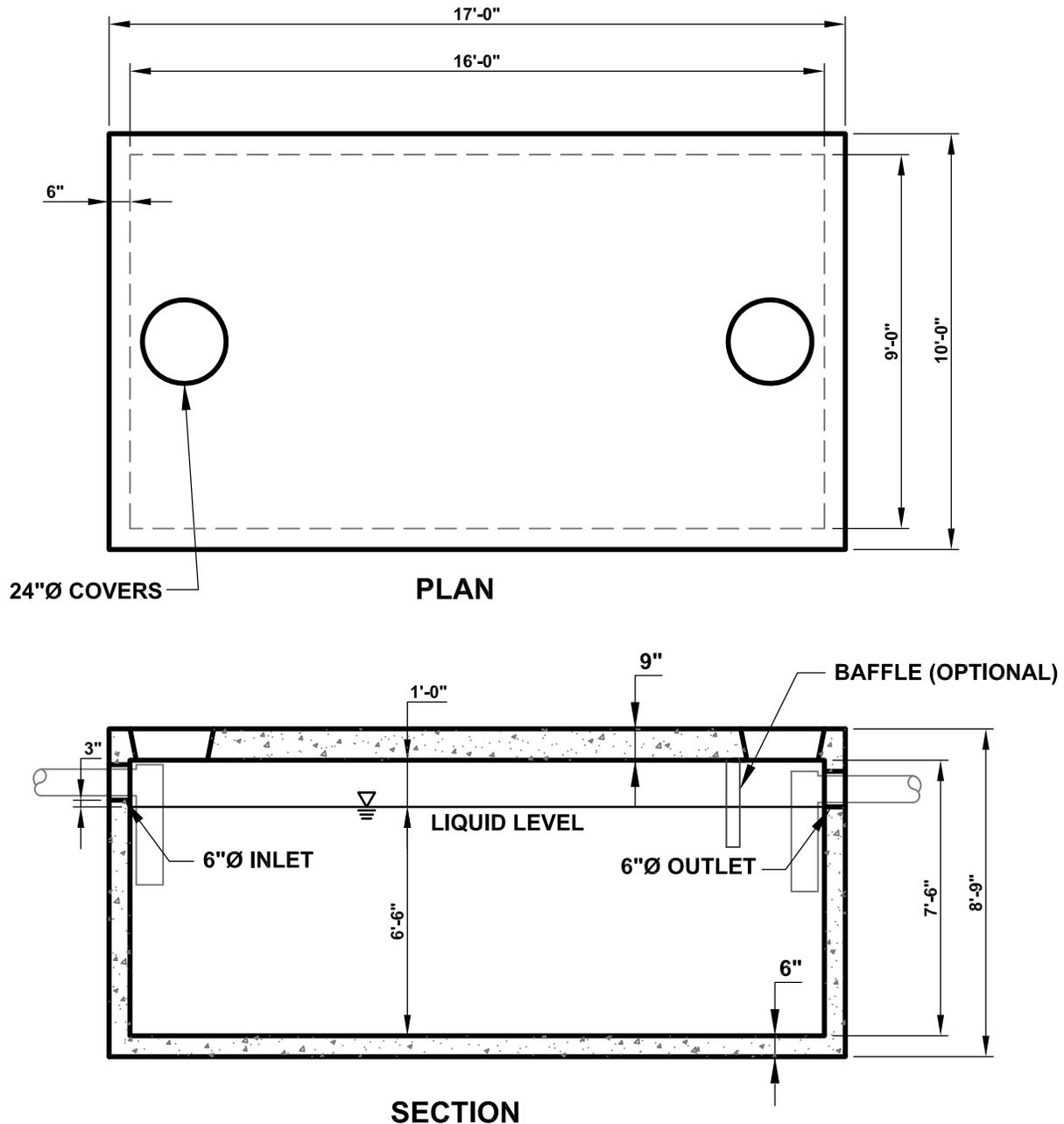
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

7,000 GALLON GREASE TRAP

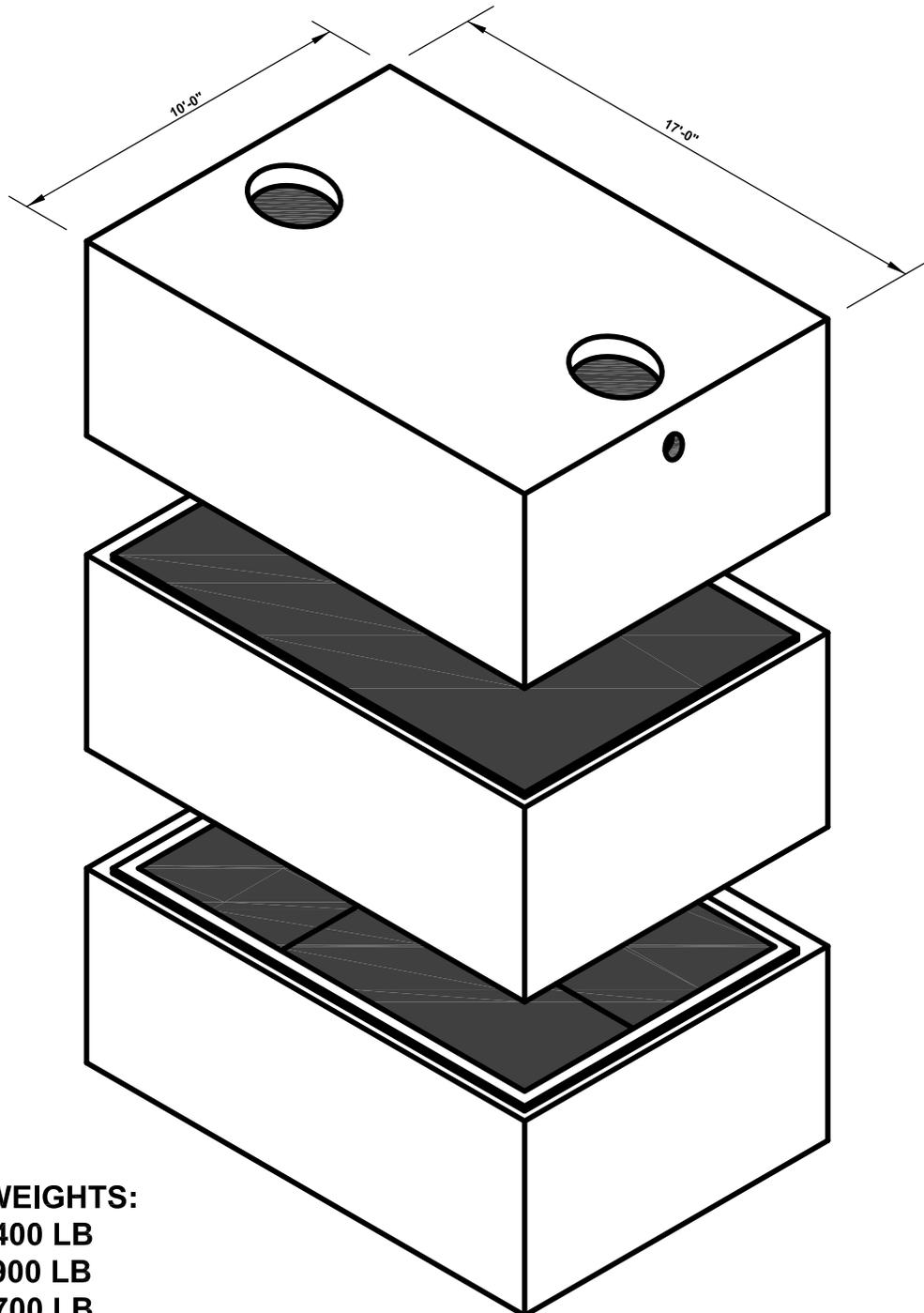


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

8,000 GALLON GREASE TRAP **INTERIOR DIMENSIONS 16'x9'x8'-5"**



APPROX. WEIGHTS:

TOP: 29,400 LB

RISER: 10,900 LB

BASE: 23,700 LB

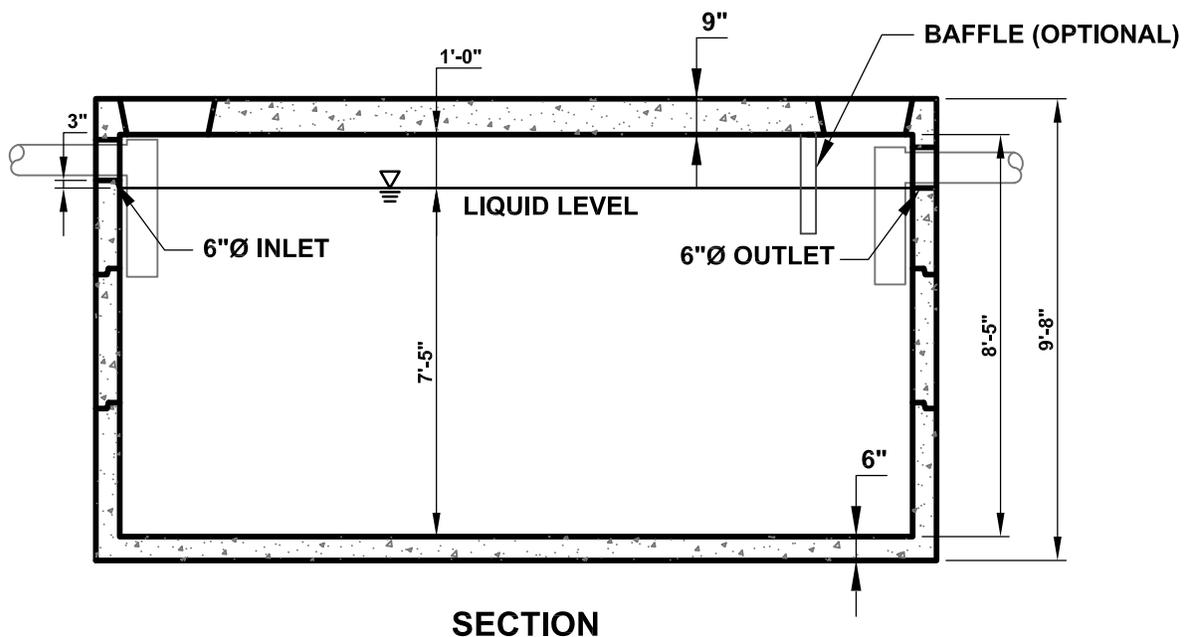
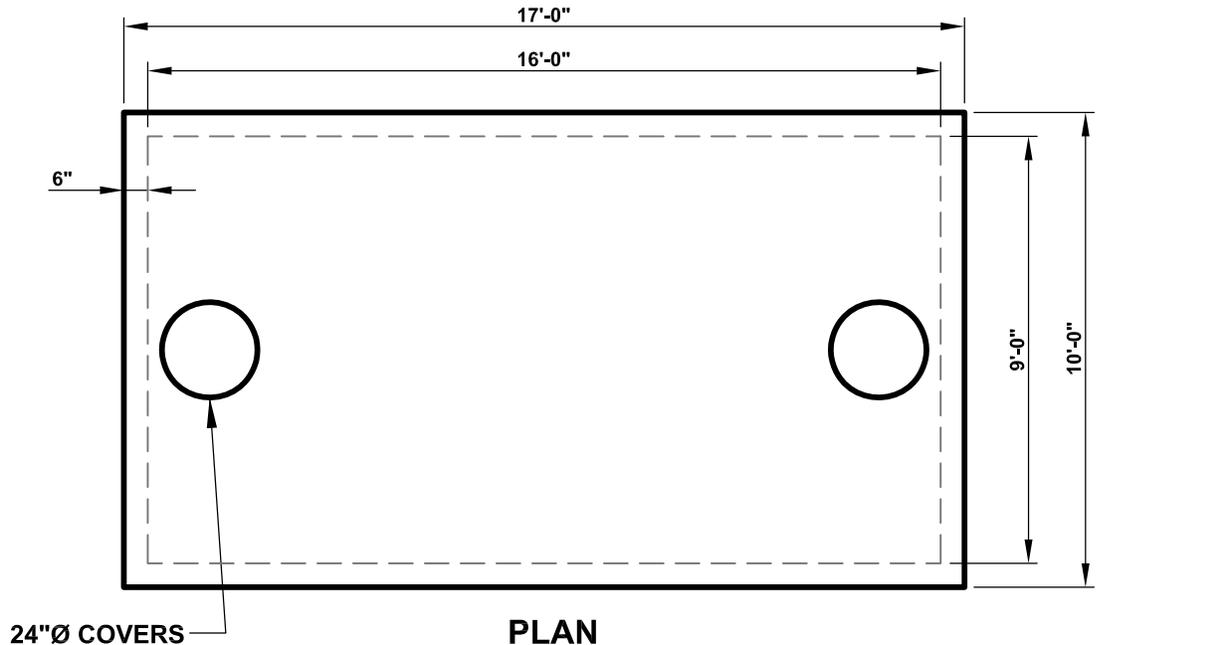
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CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

8,000 GALLON GREASE TRAP

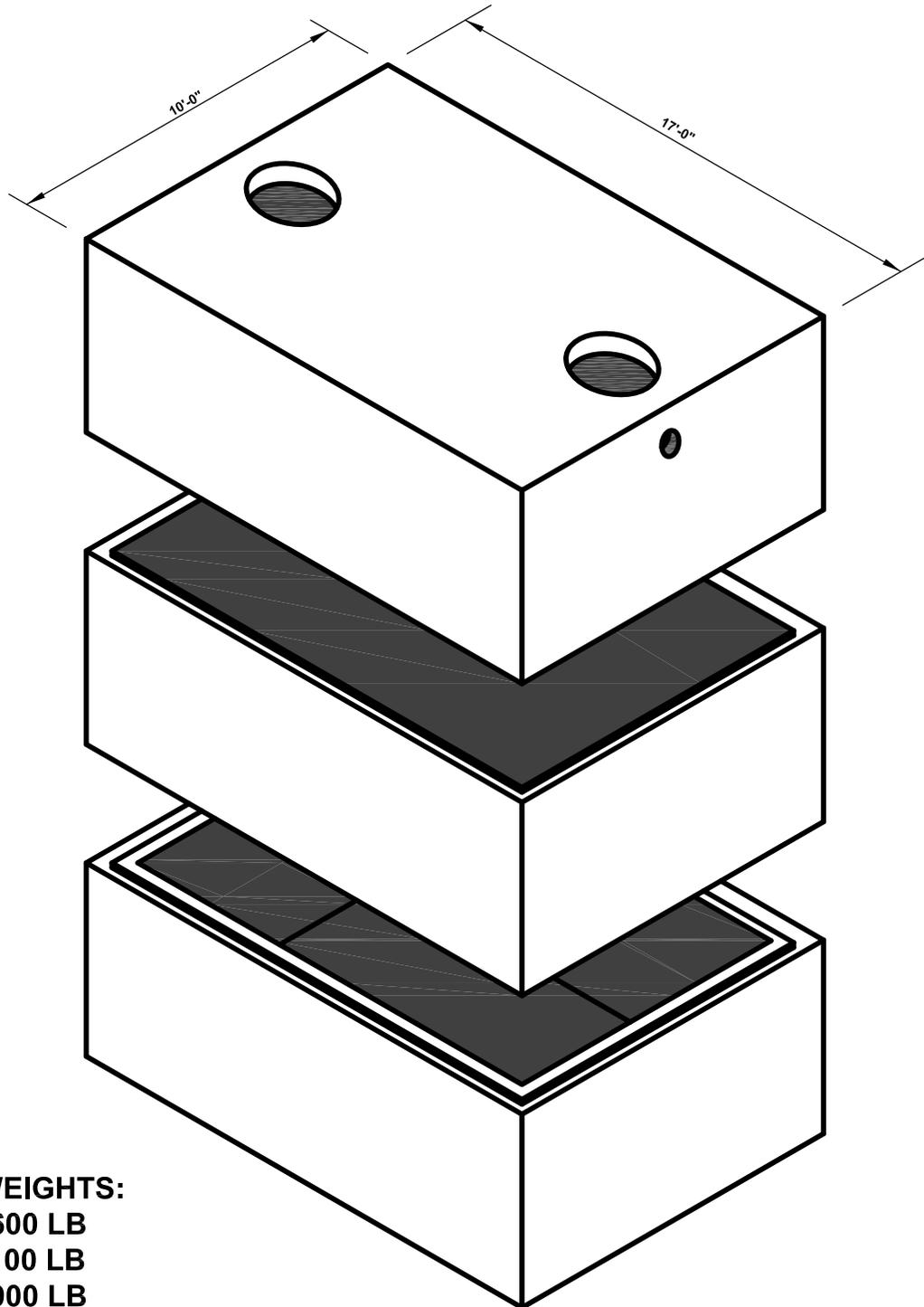


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HL93 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

9,000 GALLON GREASE TRAP INTERIOR DIMENSIONS 16'x9'x9'-4"



APPROX. WEIGHTS:

TOP: 30,600 LB

RISER: 12,100 LB

BASE: 24,900 LB

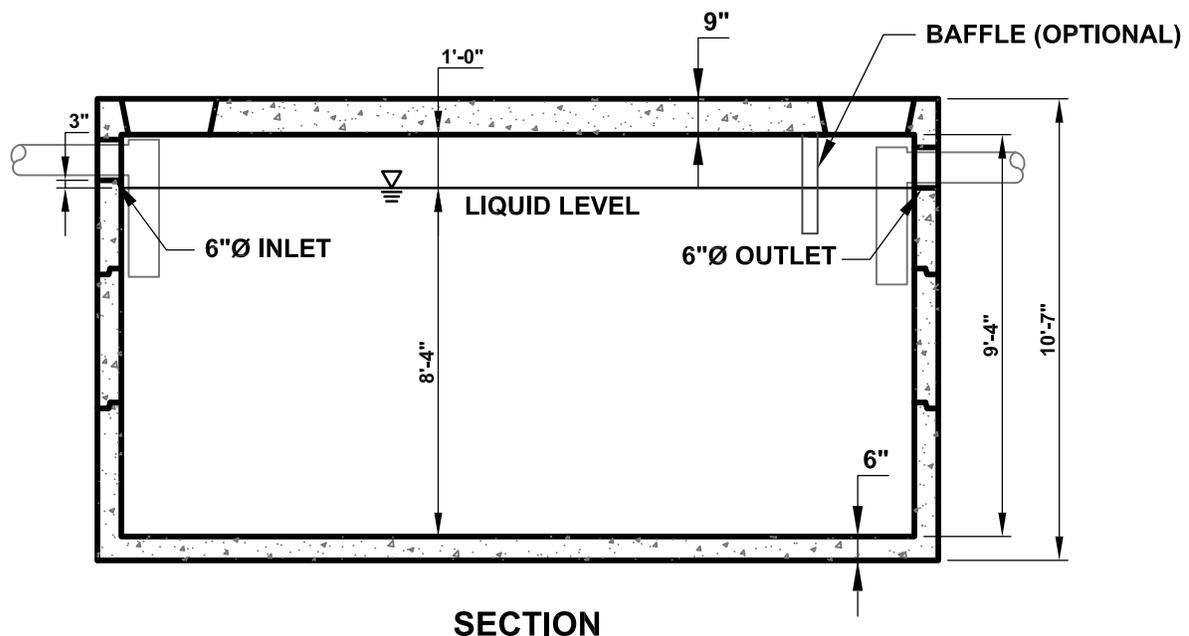
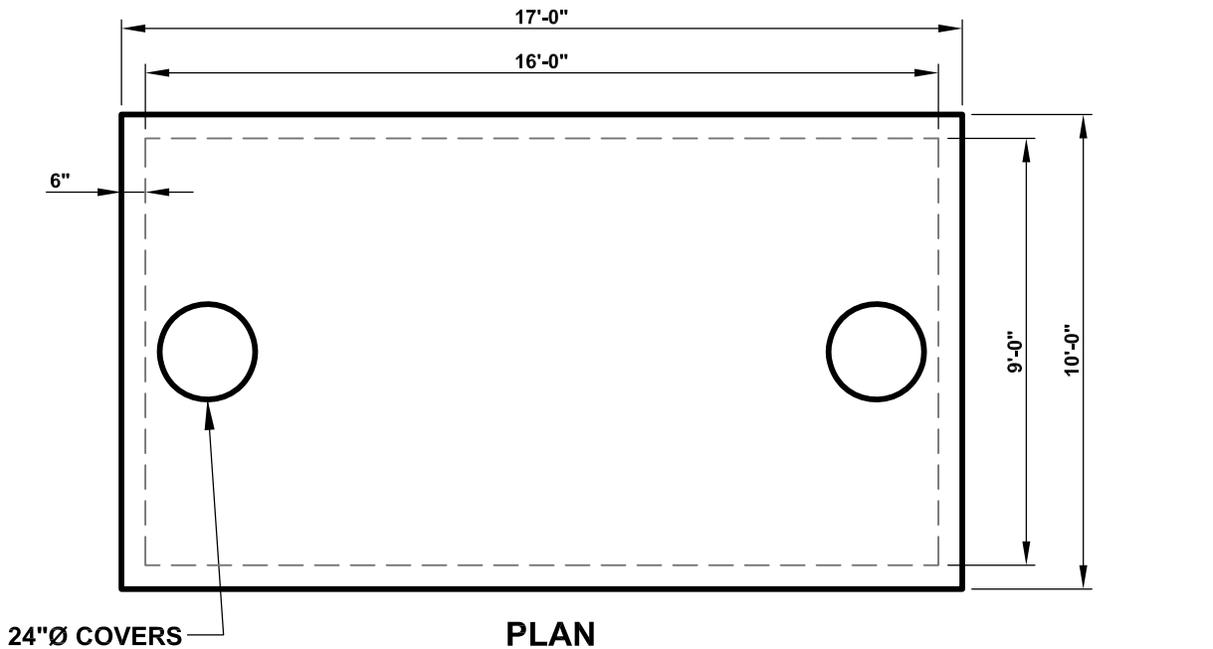
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DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

9,000 GALLON GREASE TRAP

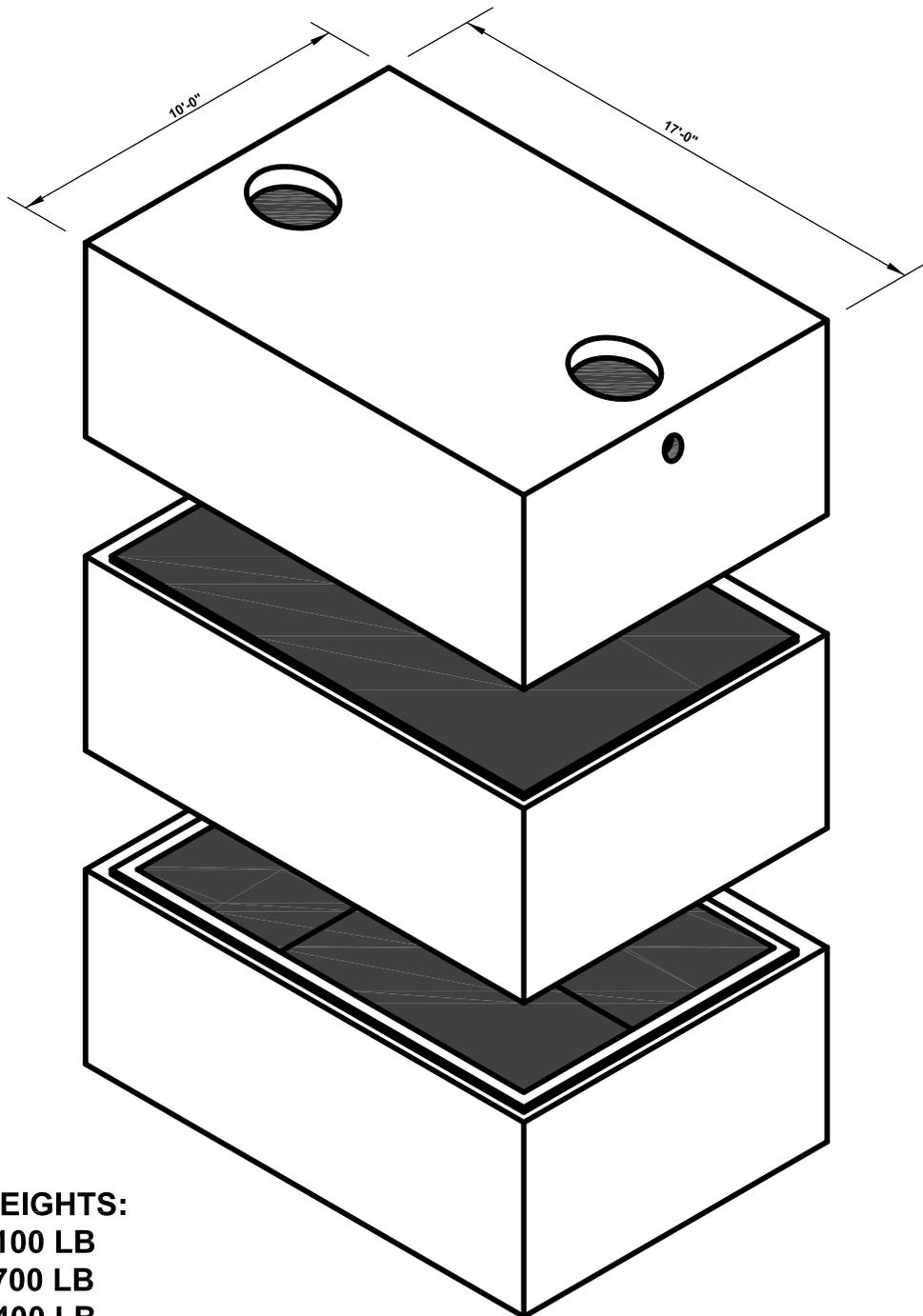


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HL93 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

10,000 GALLON GREASE TRAP **INTERIOR DIMENSIONS 16'x9'x10'-6"**



APPROX. WEIGHTS:
TOP: 32,100 LB
RISER: 13,700 LB
BASE: 26,400 LB

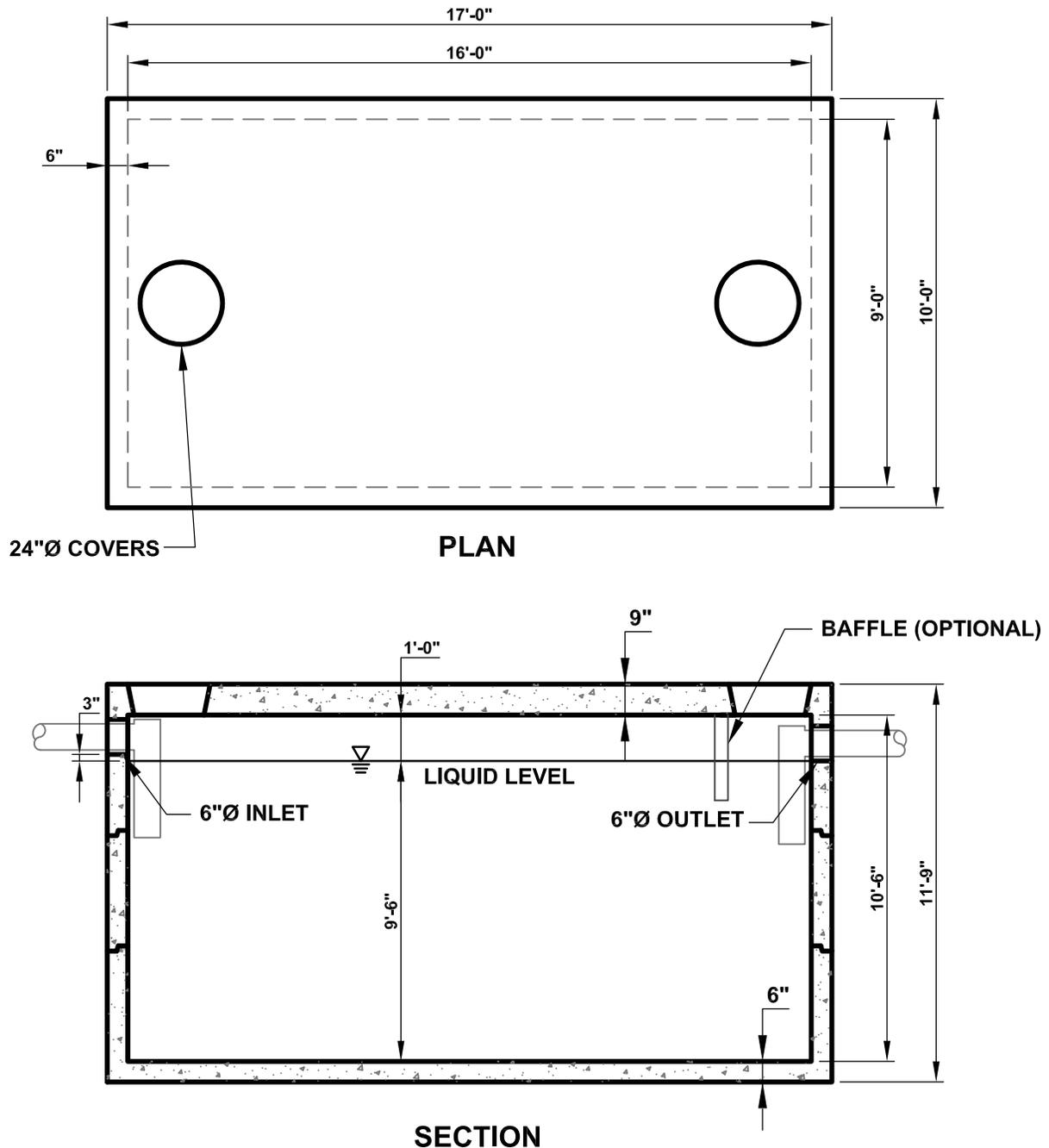
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DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

10,000 GALLON GREASE TRAP

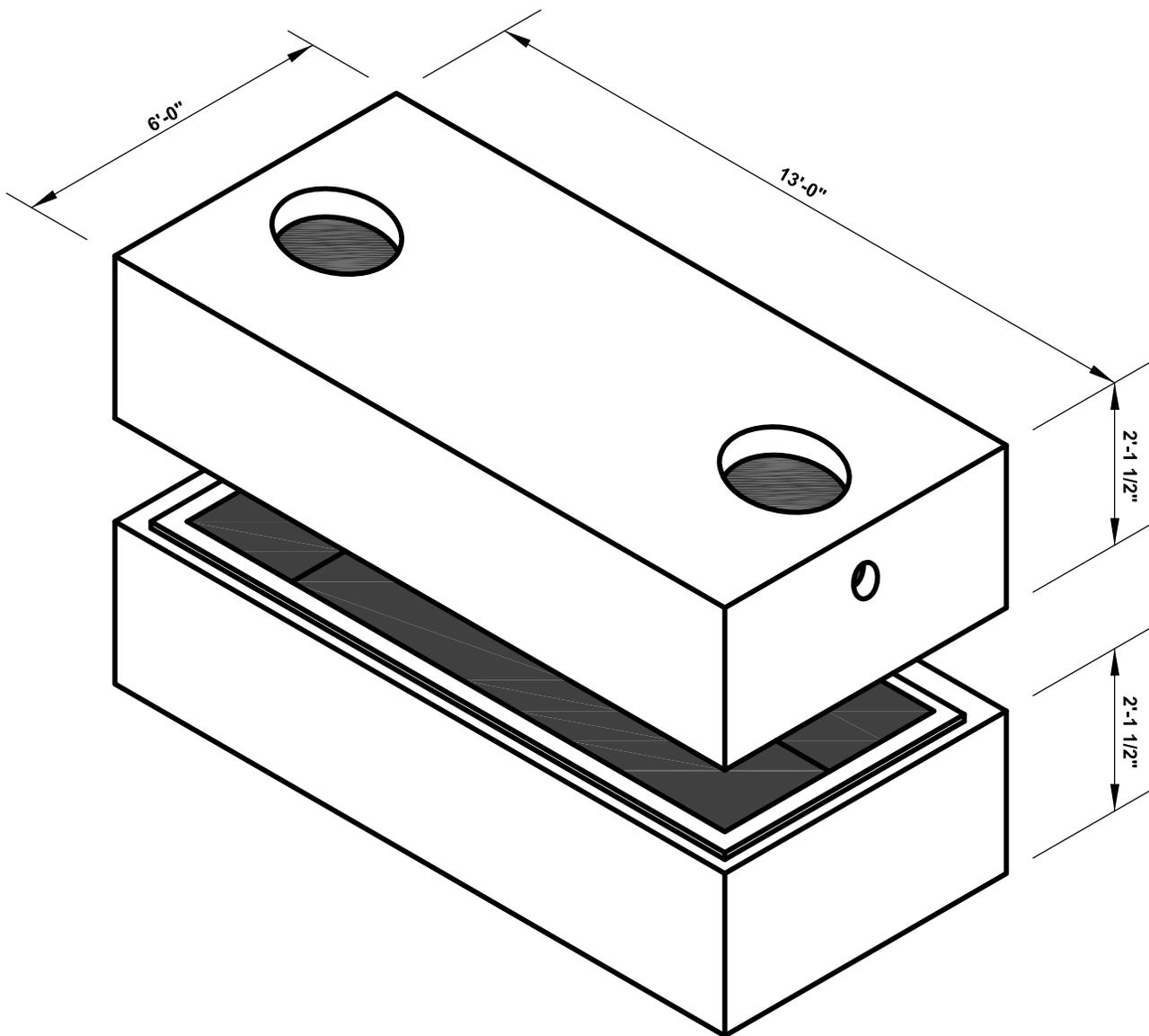


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HL93 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

1,000 GAL. OIL/WATER SEPARATOR INTERIOR DIMENSIONS 12'x5'x3'-3"



APPROX. WEIGHTS:
TOP: 9,800 LB
BASE: 10,300 LB

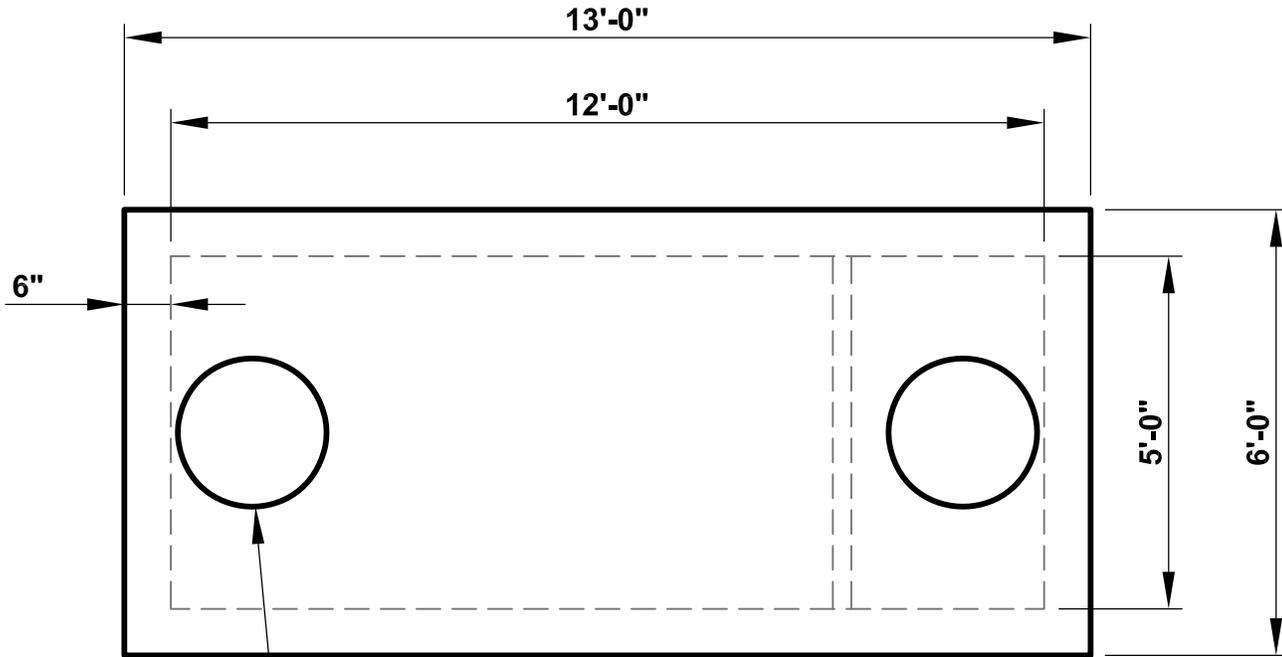
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

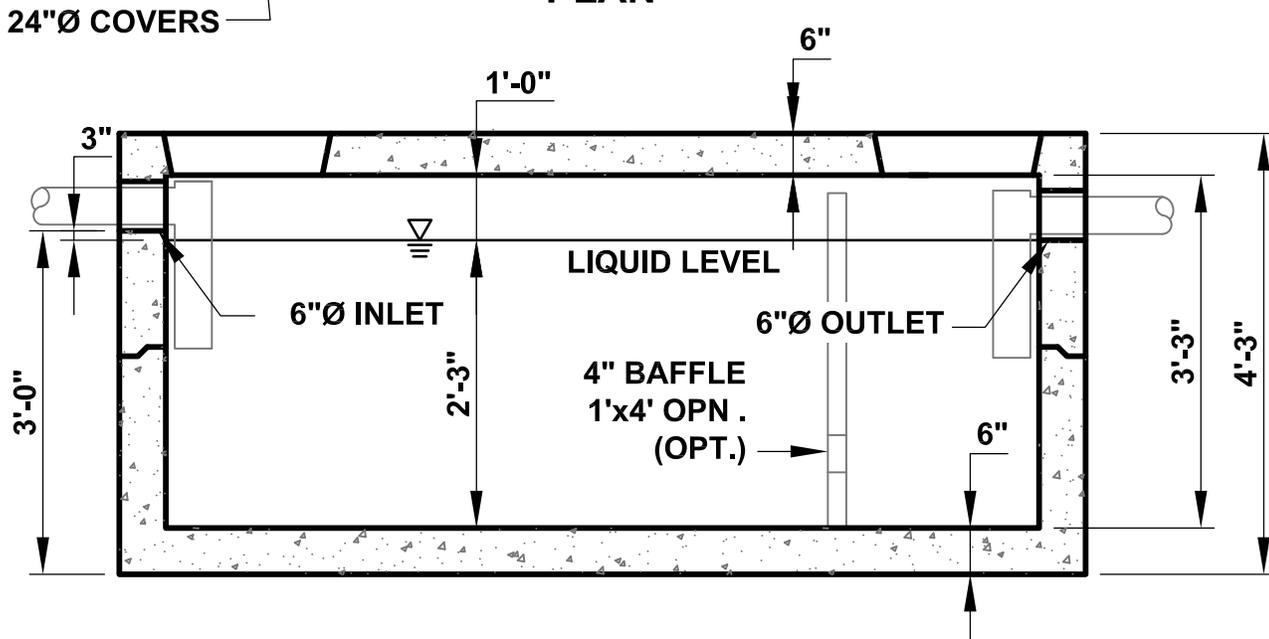
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

1,000 GAL. OIL/WATER SEPARATOR



PLAN



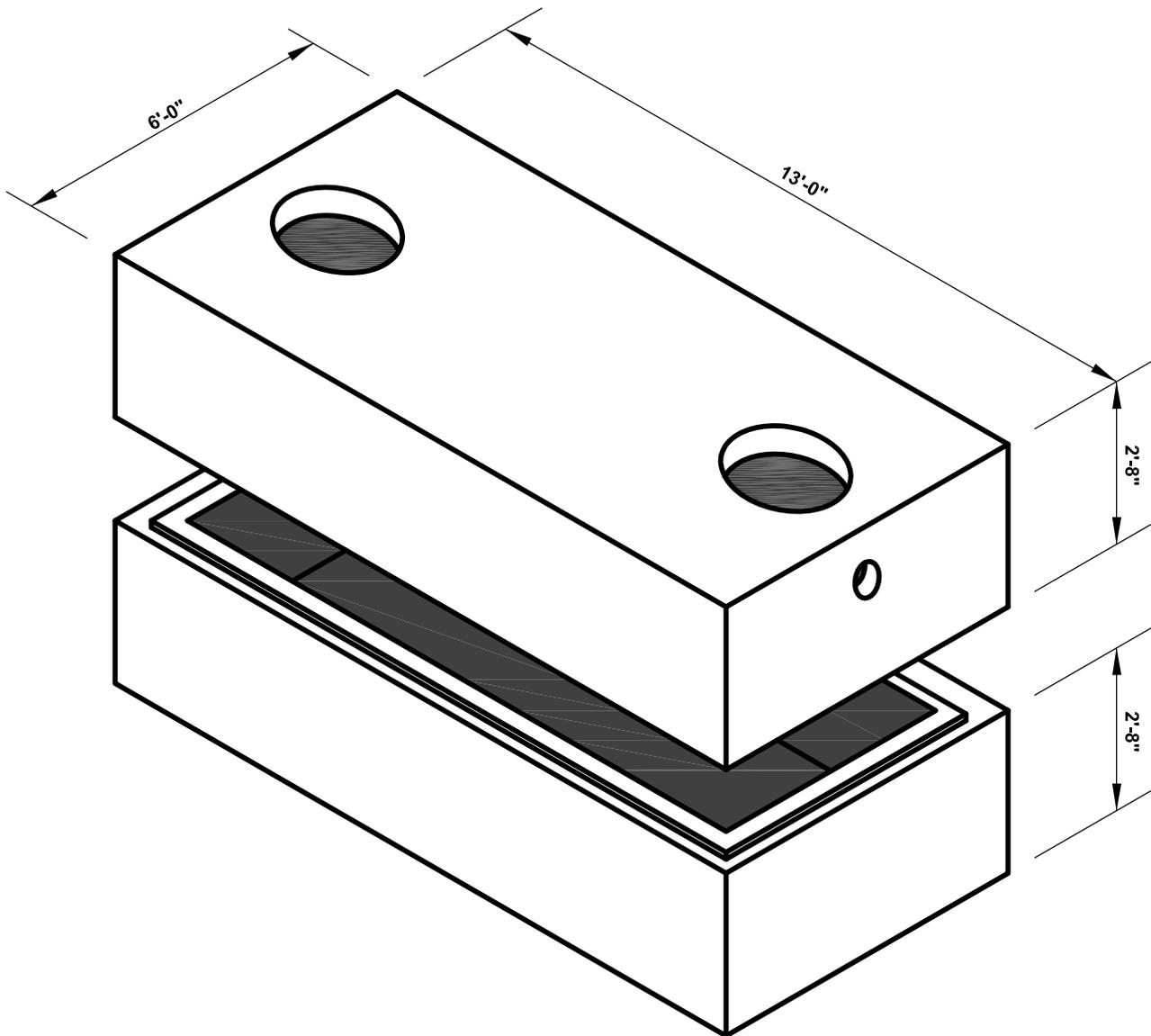
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

1,500 GALLON OIL/WATER SEPARATOR INTERIOR DIMENSIONS 12'x5'x4'-4"



APPROX. WEIGHTS:
TOP: 11,200 LB
BASE: 11,700 LB

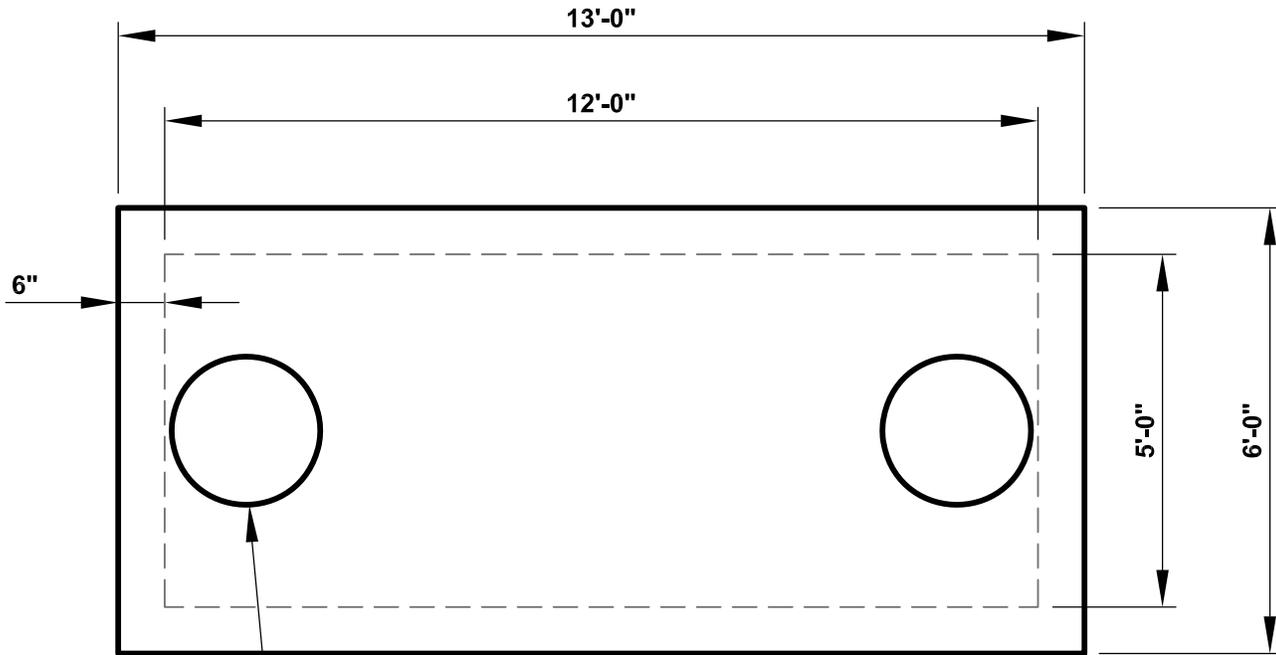
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

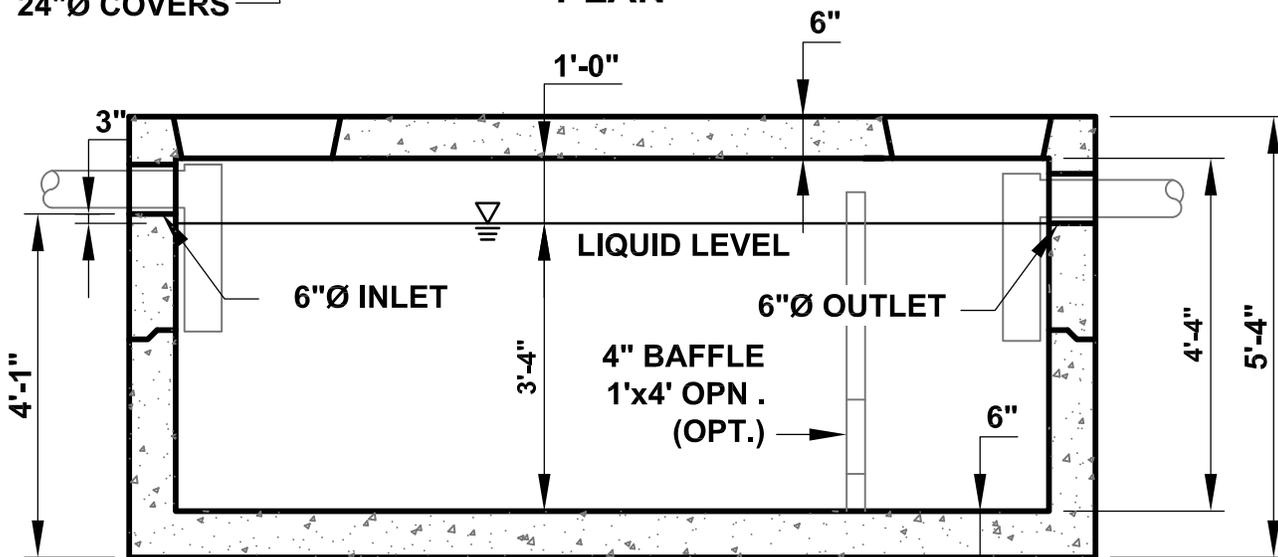
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

1,500 GALLON OIL/WATER SEPARATOR



24"Ø COVERS

PLAN



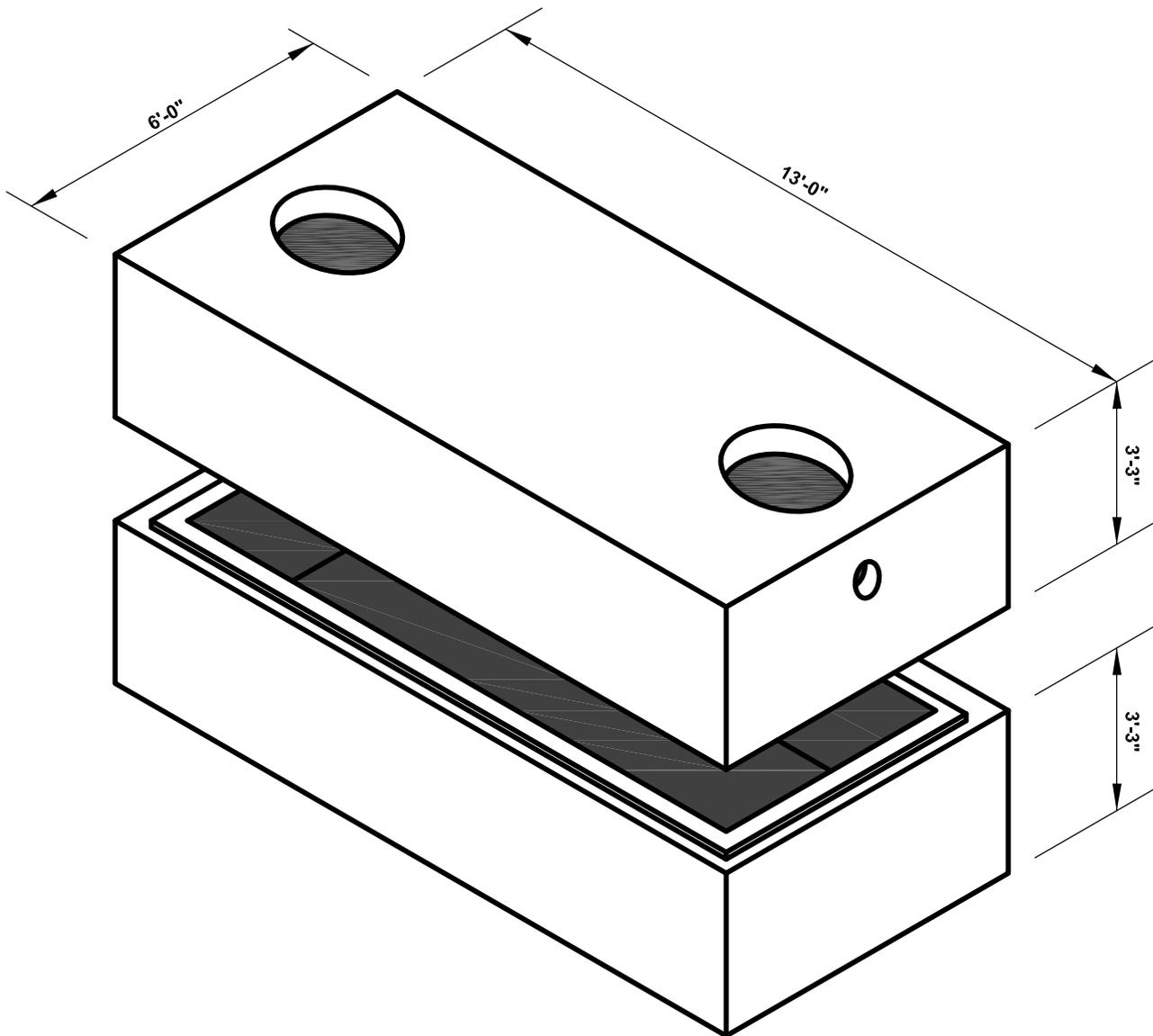
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

2,000 GAL. OIL/WATER SEPARATOR INTERIOR DIMENSIONS 12'x5'x5'-6"



APPROX. WEIGHTS:
TOP: 12,800 LB
BASE: 13,300 LB

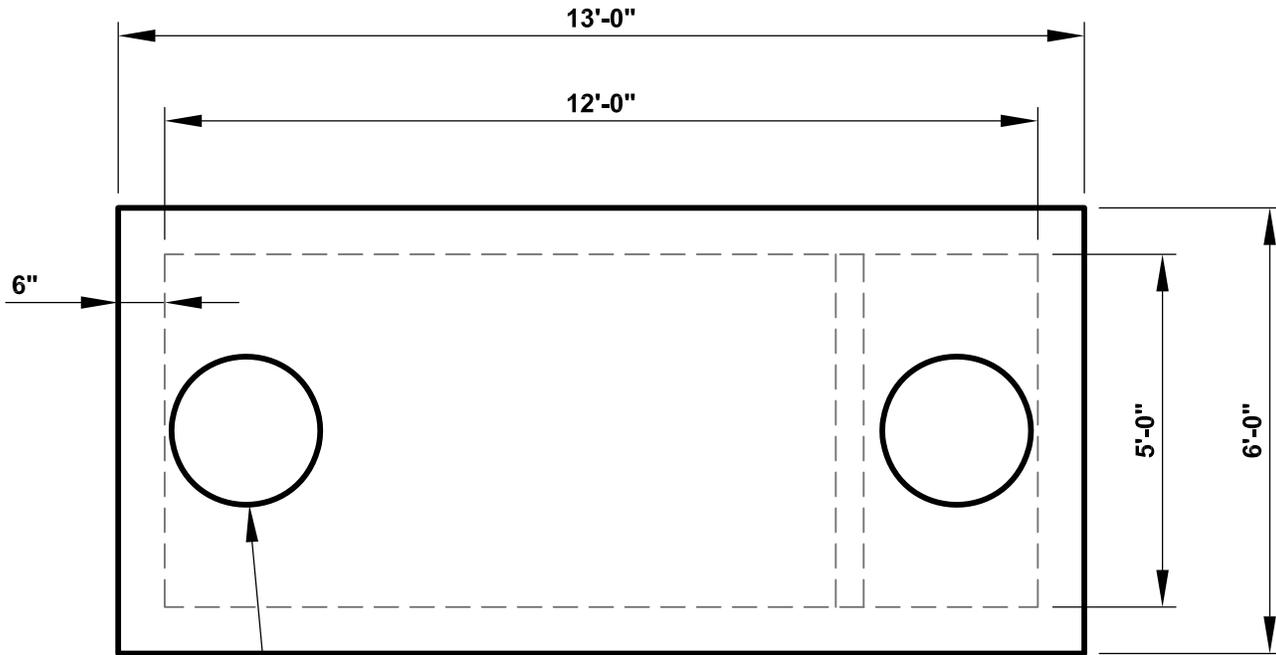
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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CERTIFIED PLANT

DURASTONE

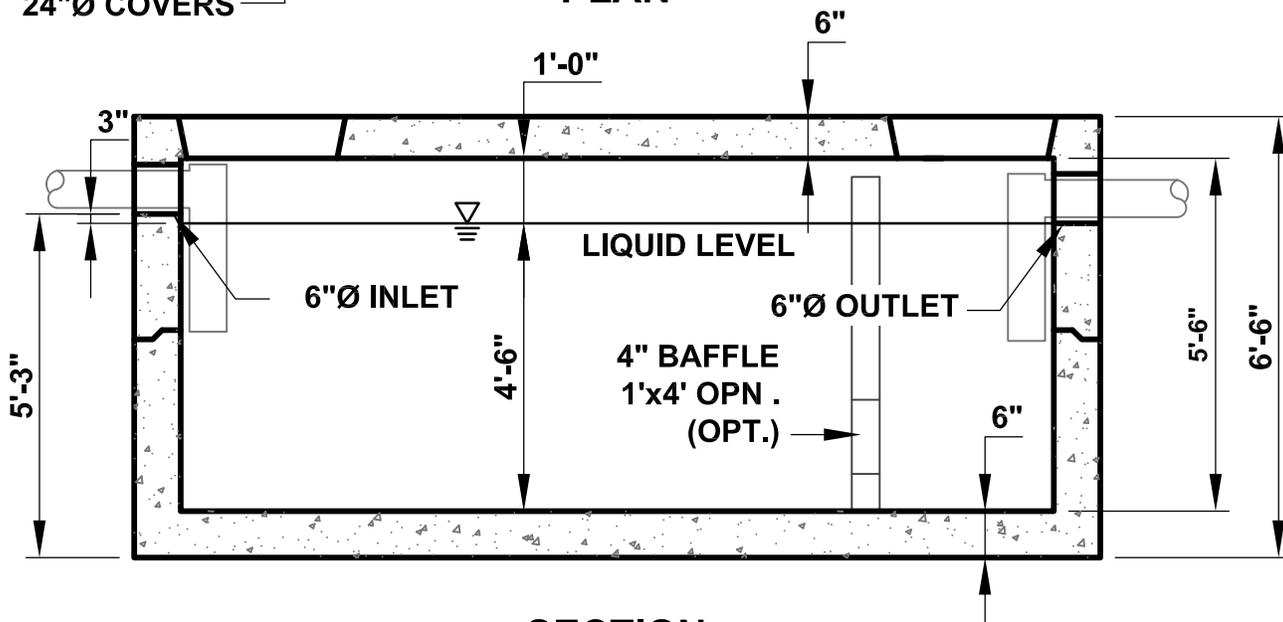
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

2,000 GAL. OIL/WATER SEPARATOR



24"Ø COVERS

PLAN



SECTION

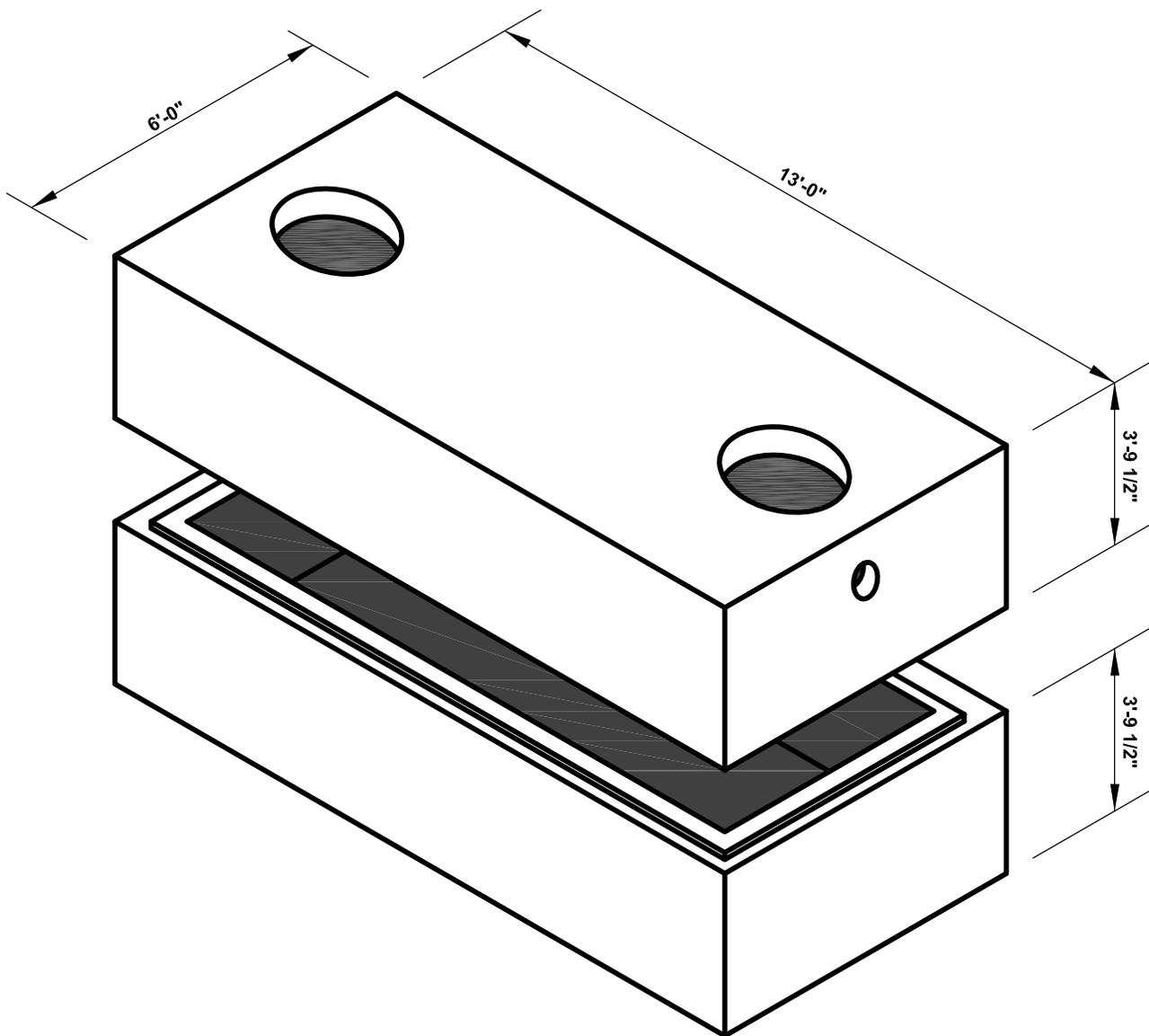
STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

2,500 GAL. OIL/WATER SEPARATOR

INTERIOR DIMENSIONS 12'x5'x6'-7"



APPROX. WEIGHTS:

TOP: 14,300 LB

BASE: 14,800 LB

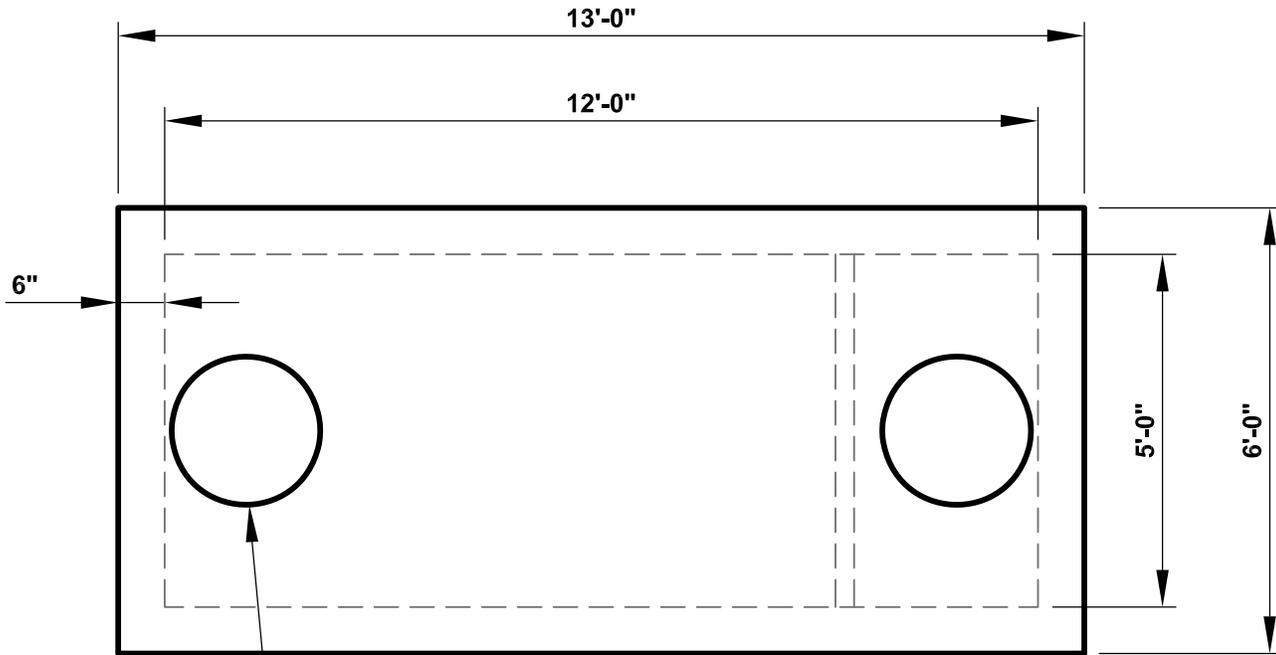
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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CERTIFIED PLANT

DURASTONE

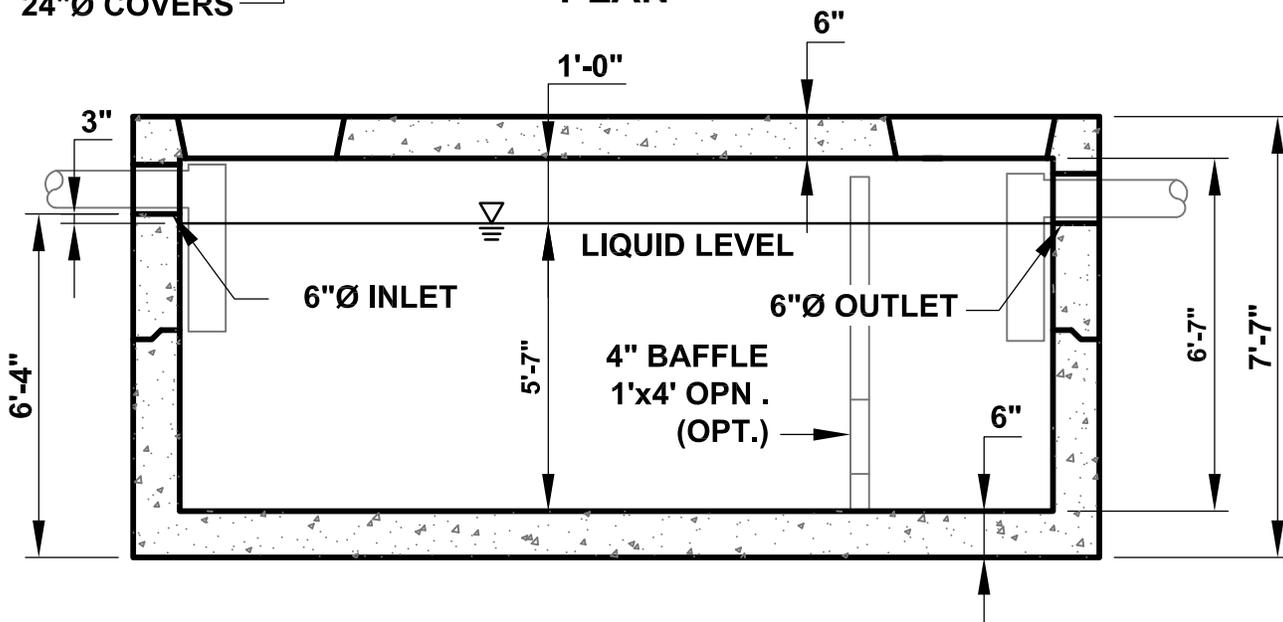
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

2,500 GAL. OIL/WATER SEPARATOR



24"Ø COVERS

PLAN



SECTION

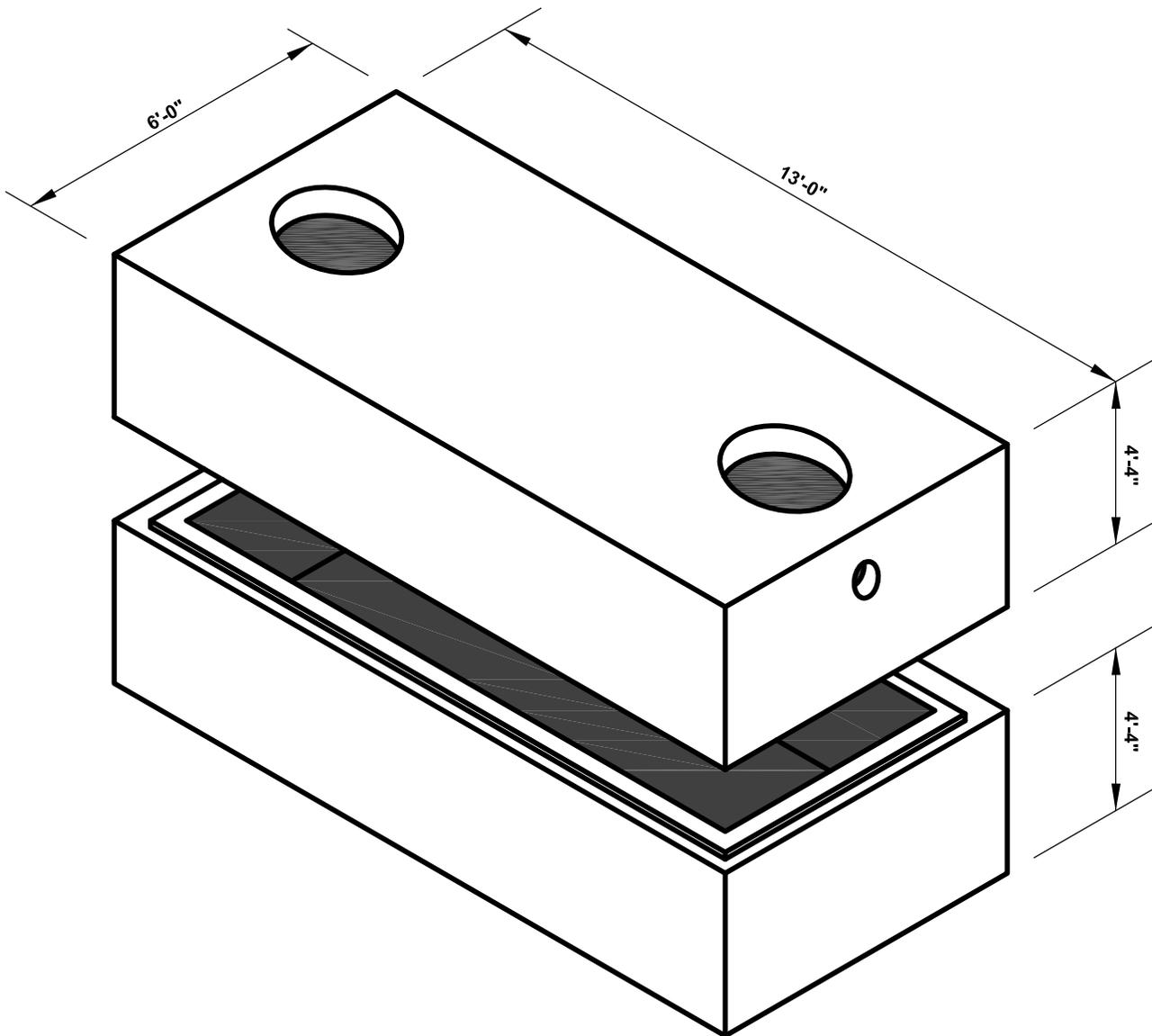
STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

3,000 GAL. OIL/WATER SEPARATOR

INTERIOR DIMENSIONS 12'x5'x7'-8"



APPROX. WEIGHTS:

TOP: 15,800 LB

BASE: 16,300 LB

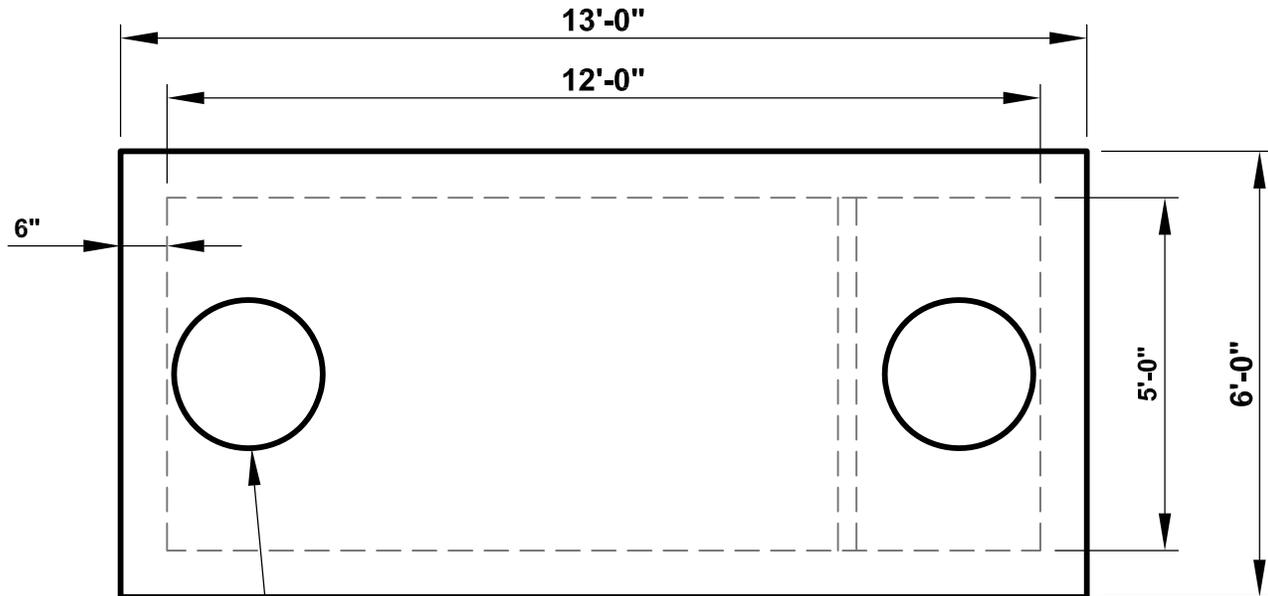
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CERTIFIED PLANT

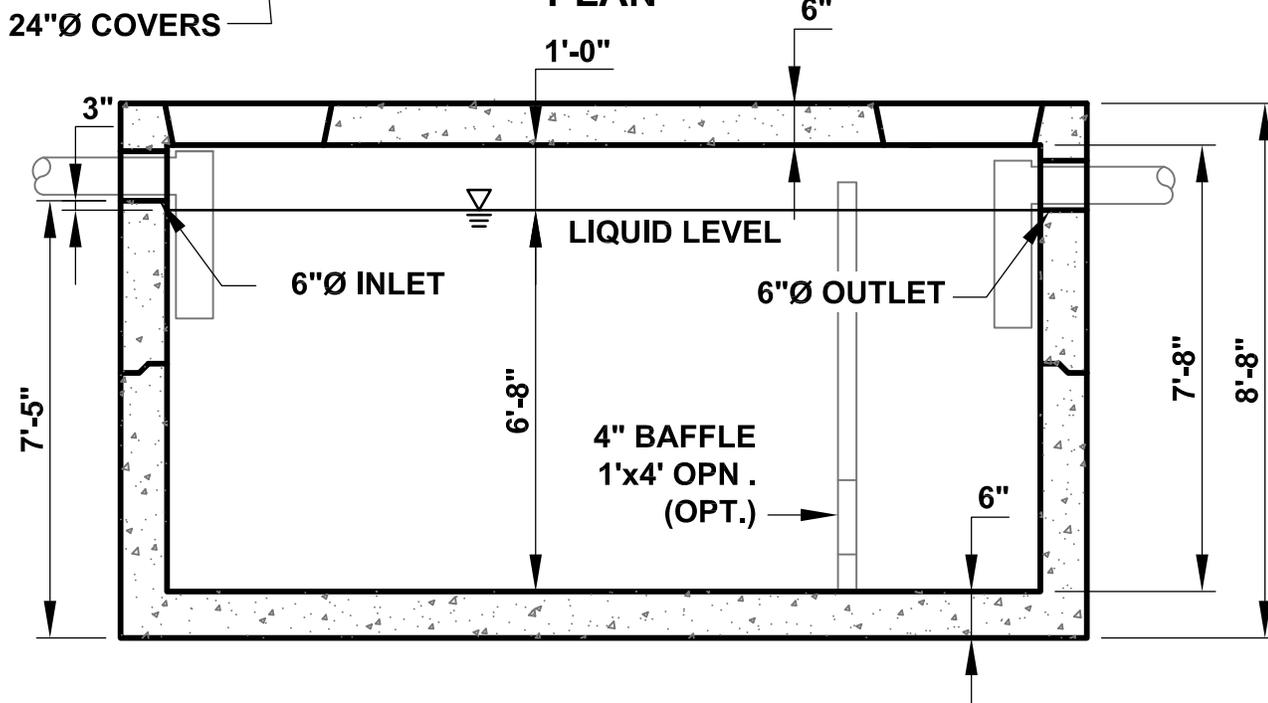
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

3,000 GAL. OIL/WATER SEPARATOR



PLAN



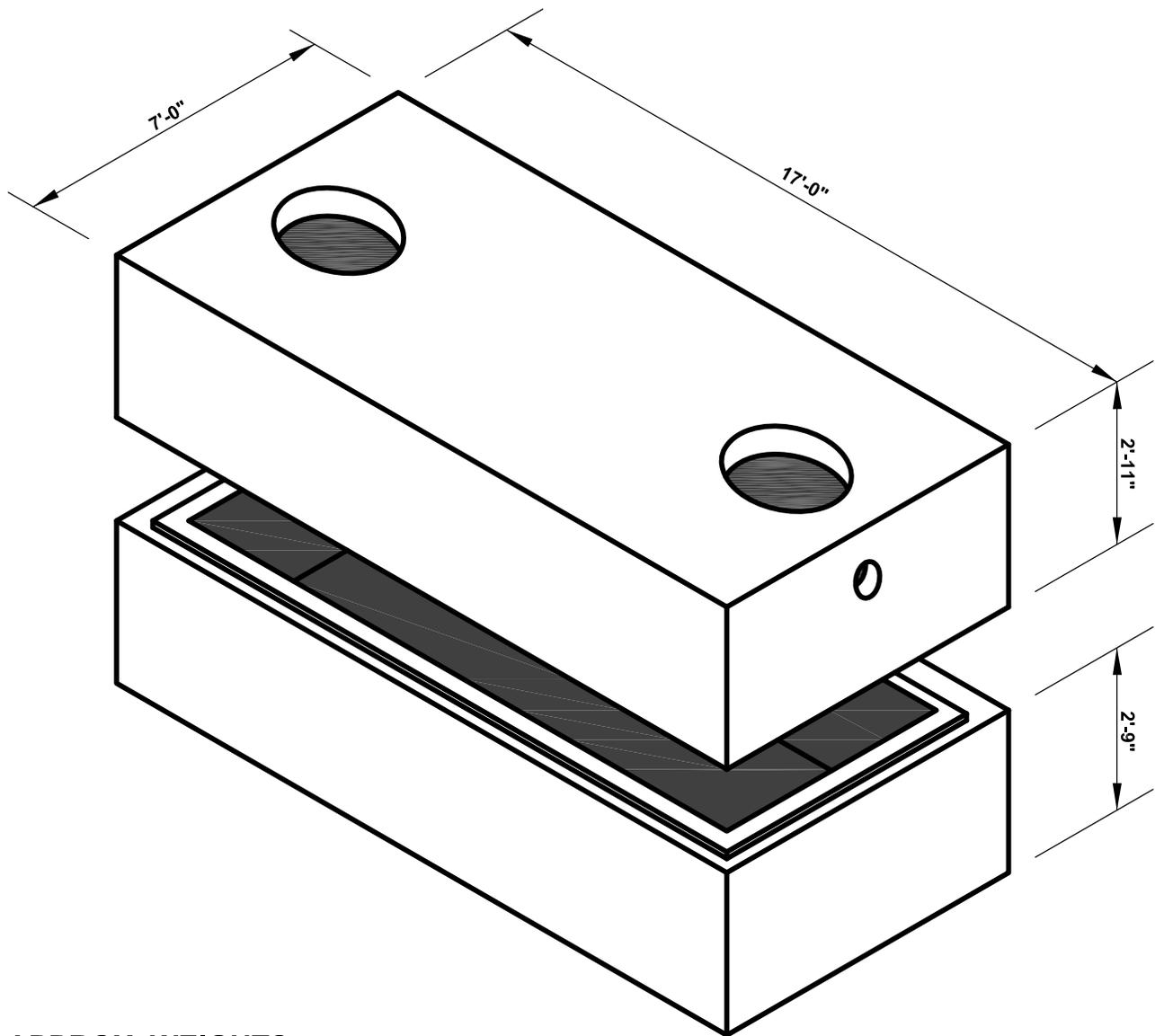
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

2,500 GAL. OIL/WATER SEPARATOR INTERIOR DIMENSIONS 16'x6'x4'-6"



APPROX. WEIGHTS:
TOP: 18,600 LB
BASE: 16,700 LB

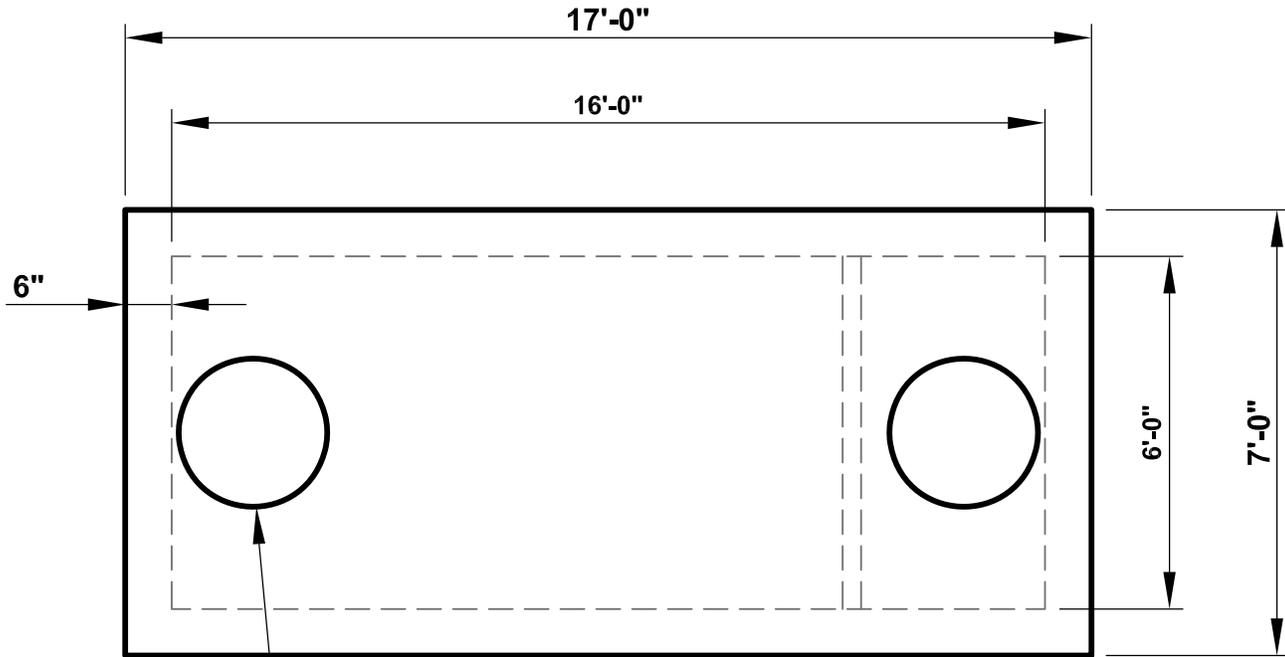
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CERTIFIED PLANT

DURASTONE

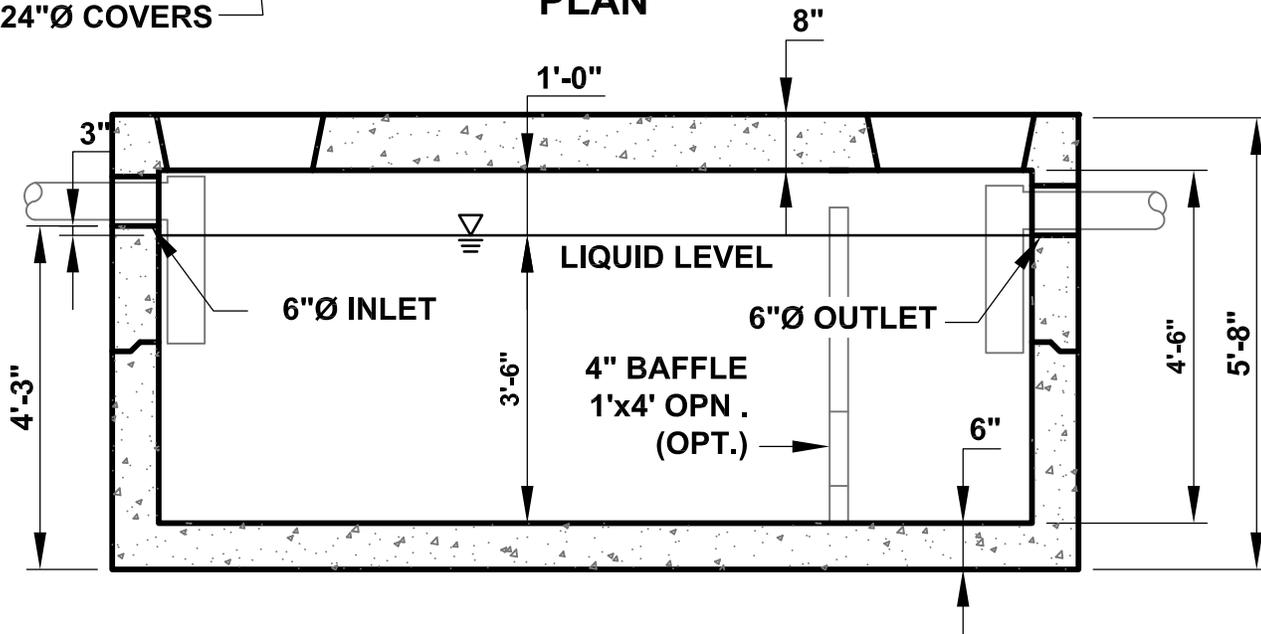
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

2,500 GAL. OIL/WATER SEPARATOR



24"Ø COVERS

PLAN



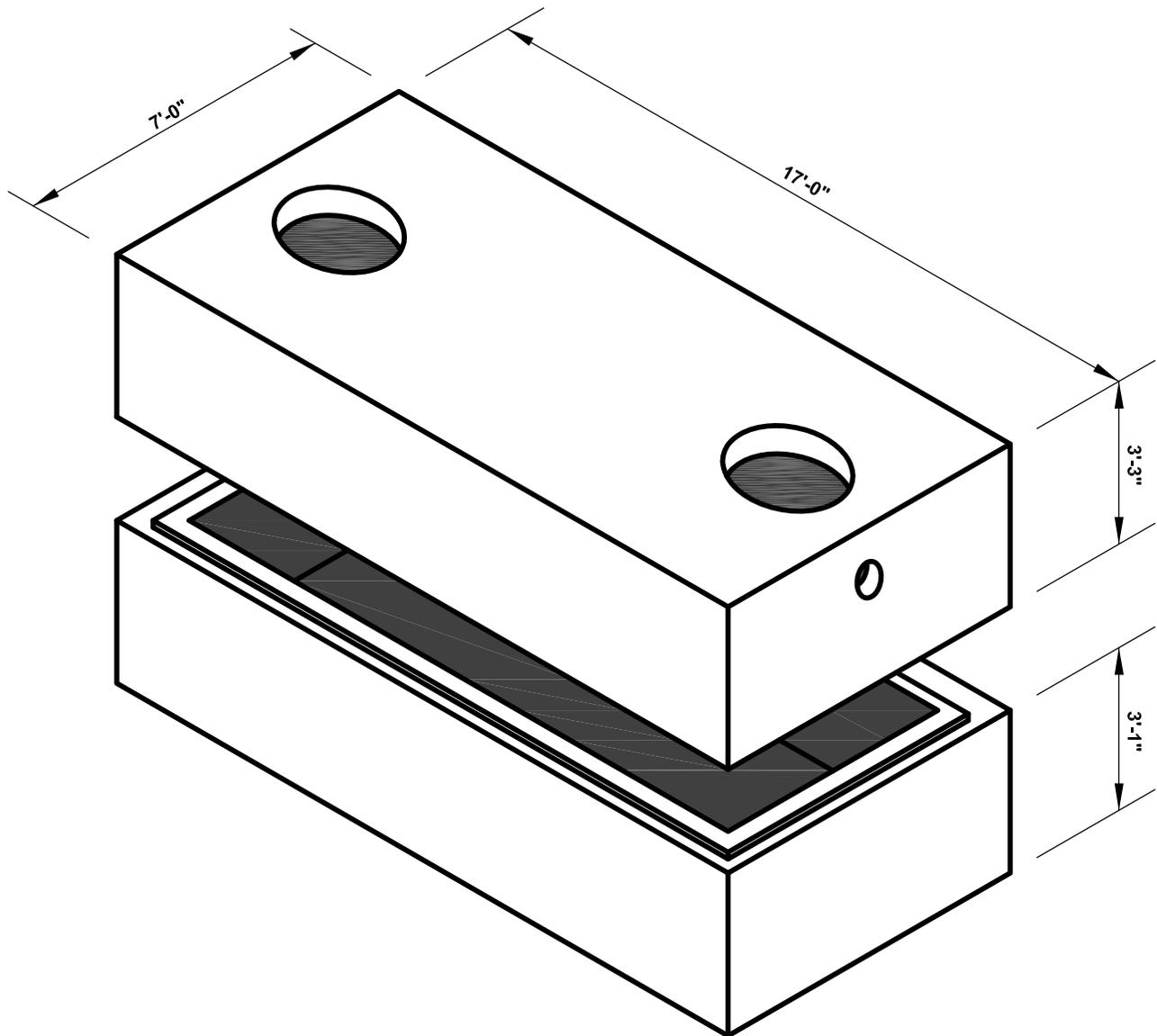
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

3,000 GAL. OIL/WATER SEPARATOR INTERIOR DIMENSIONS 16'X6'X5'-2"



APPROX. WEIGHTS:
TOP: 19,800 LB
BASE: 17,900 LB

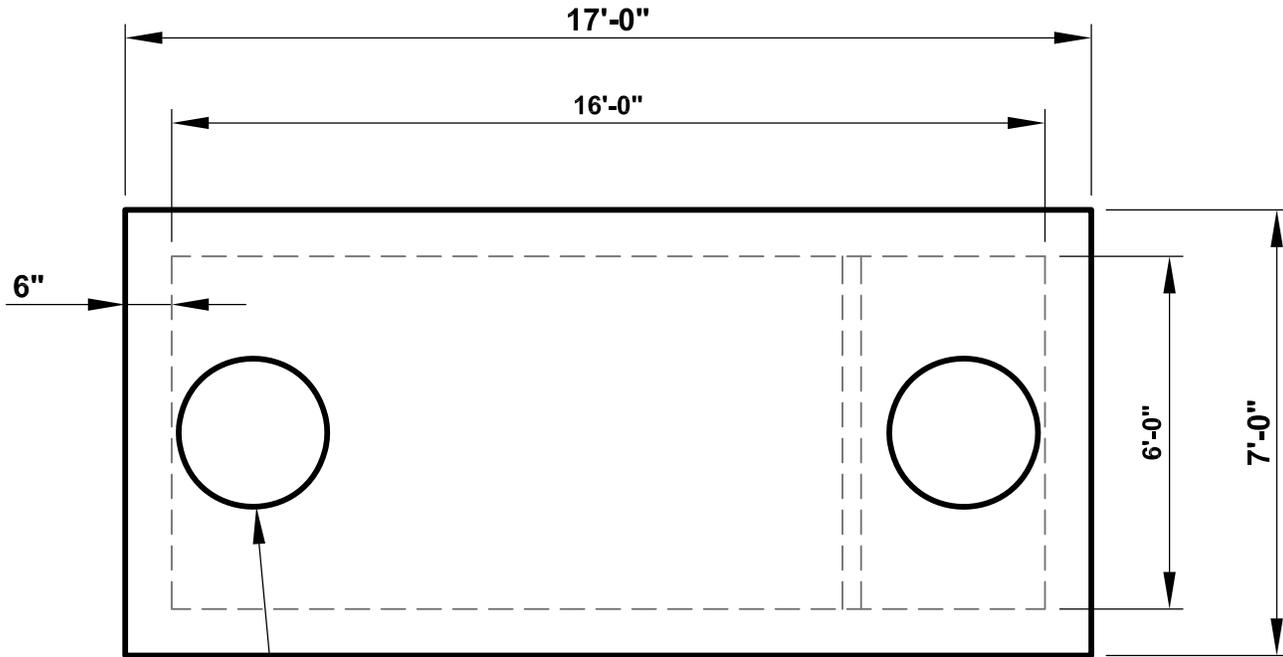
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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CERTIFIED PLANT

DURASTONE

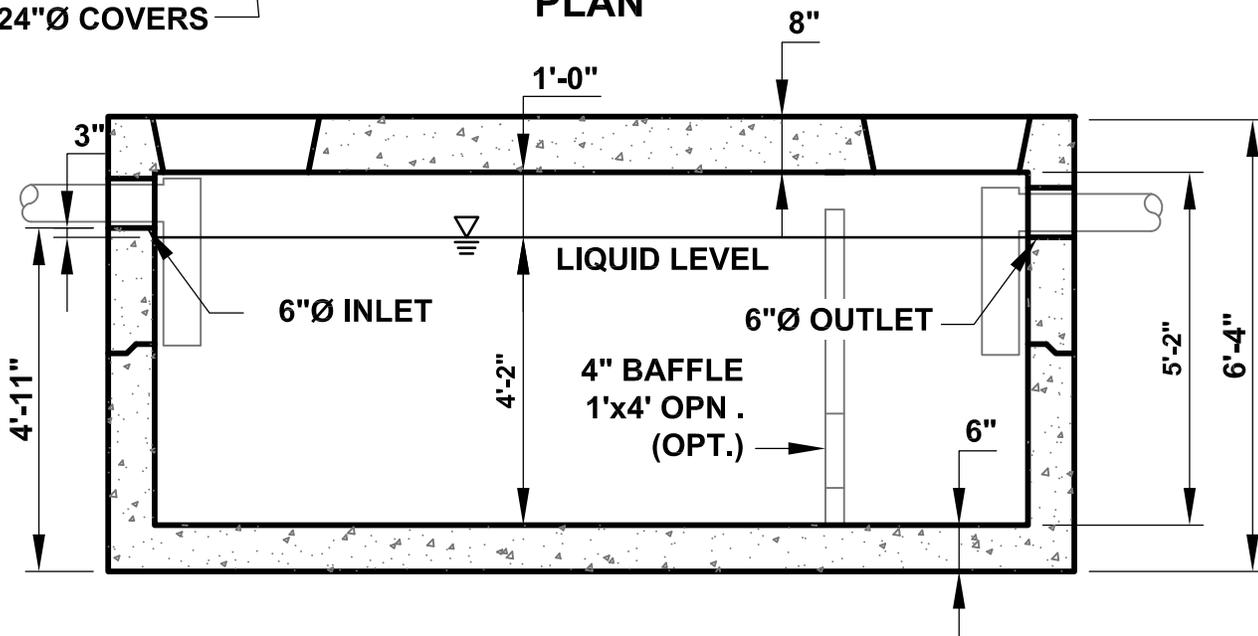
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

3,000 GAL. OIL/WATER SEPARATOR



24"Ø COVERS

PLAN



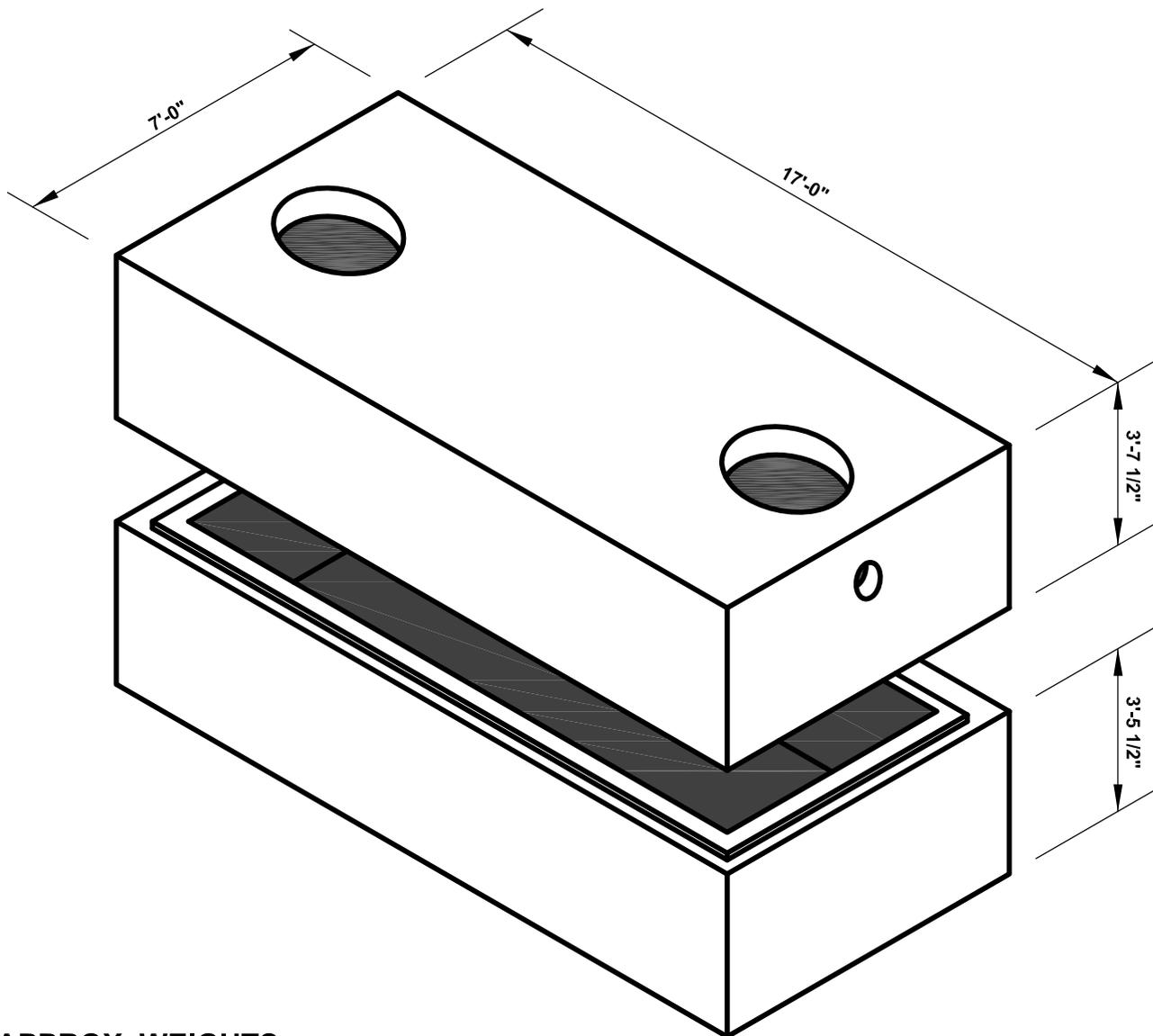
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

3,500 GAL. OIL/WATER SEPARATOR INTERIOR DIMENSIONS 16'X6'X5'-11"



APPROX. WEIGHTS:
TOP: 21,000 LB
BASE: 19,100 LB

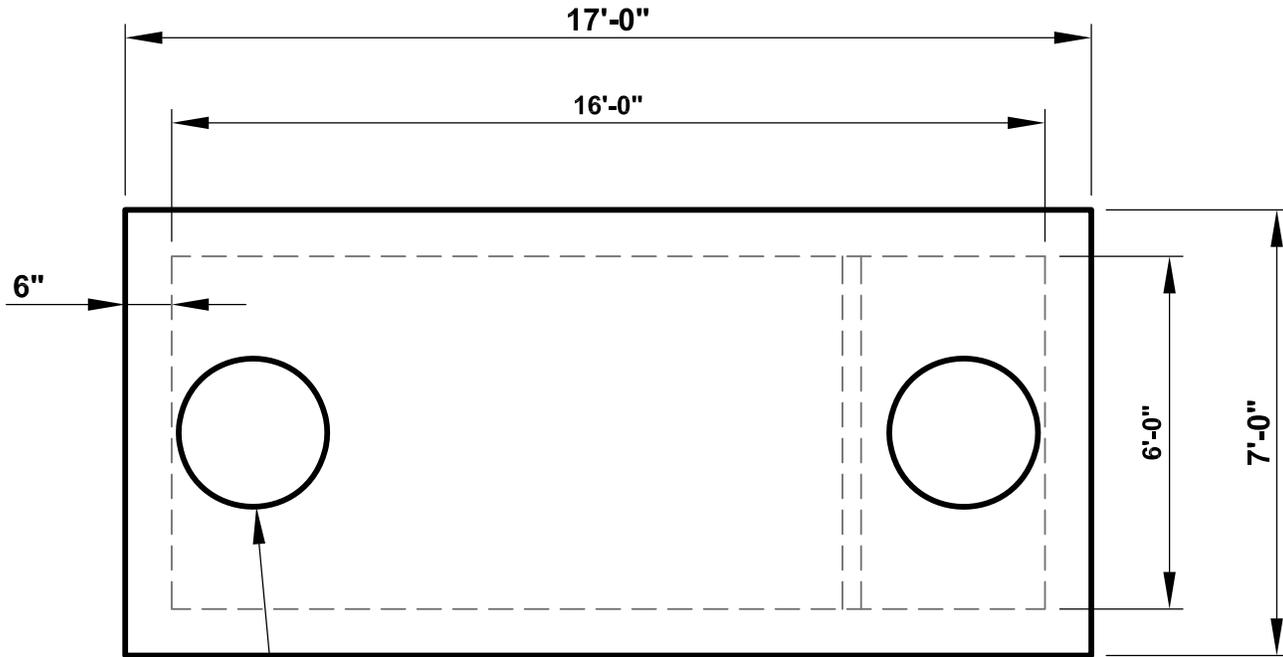
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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CERTIFIED PLANT

DURASTONE

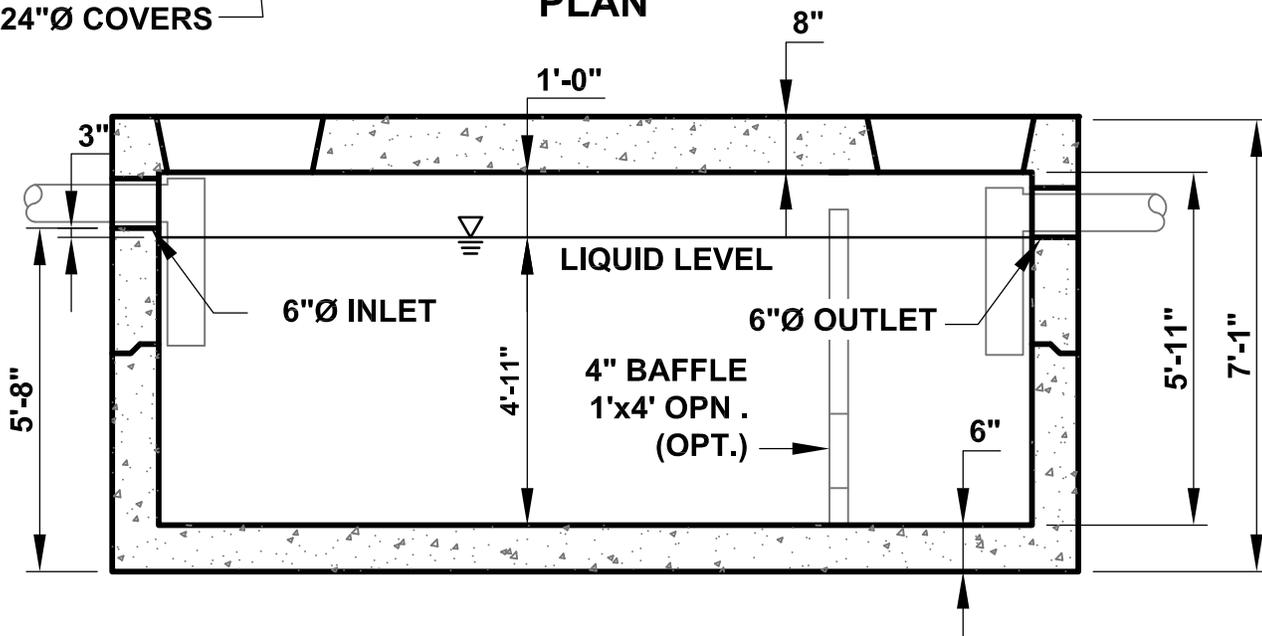
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

3,500 GAL. OIL/WATER SEPARATOR



24"Ø COVERS

PLAN



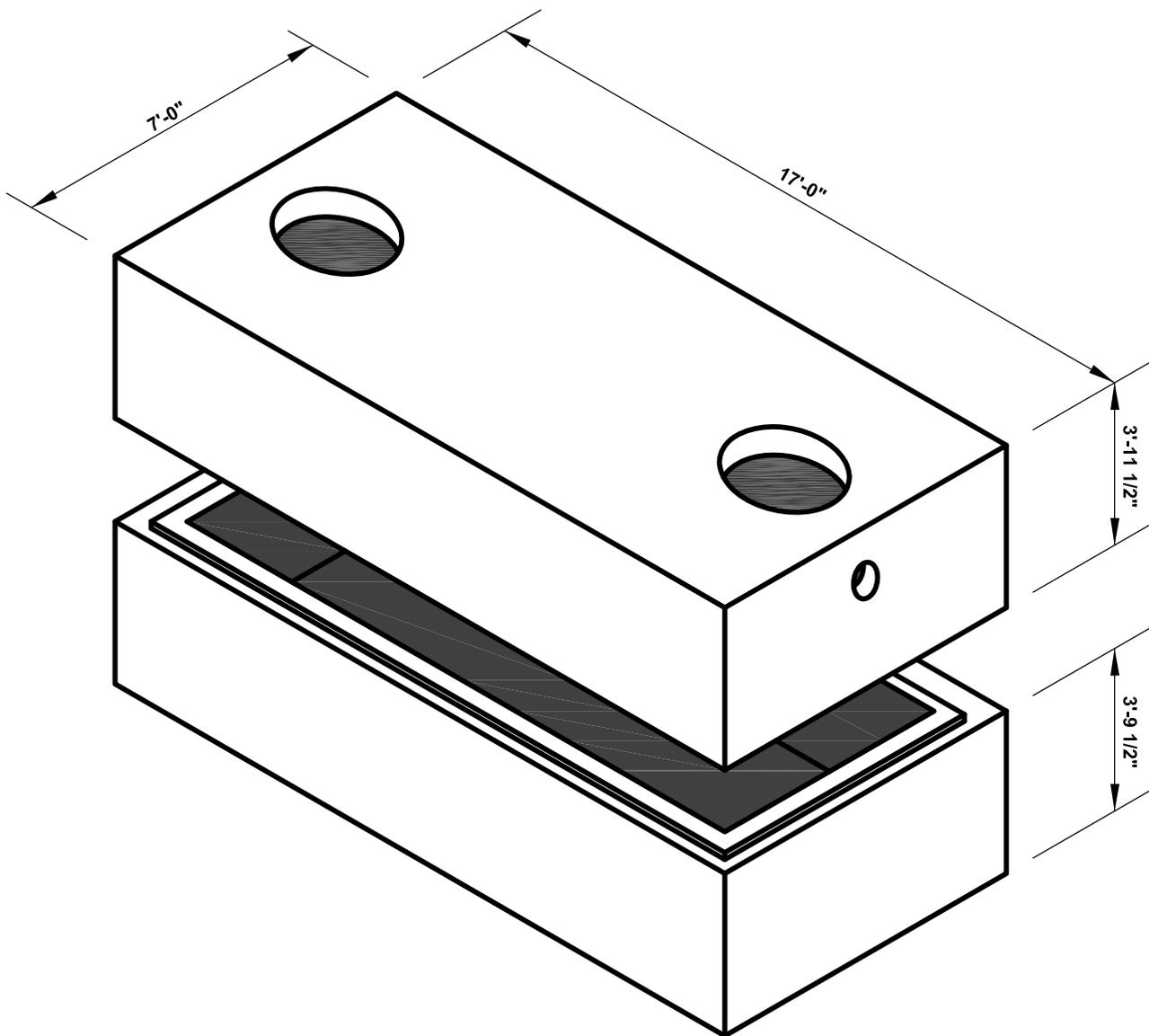
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

4,000 GAL. OIL/WATER SEPARATOR INTERIOR DIMENSIONS 16'X6'X6'-7"



APPROX. WEIGHTS:
TOP: 22,200 LB
BASE: 20,300 LB

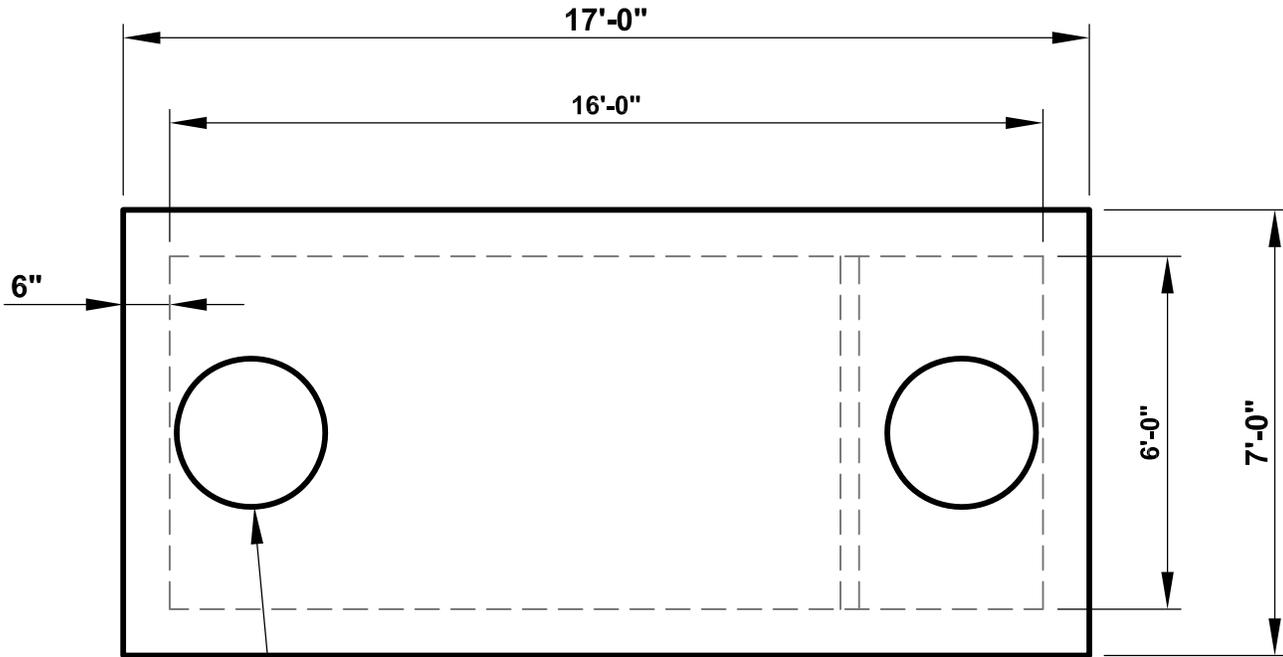
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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CERTIFIED PLANT

DURASTONE

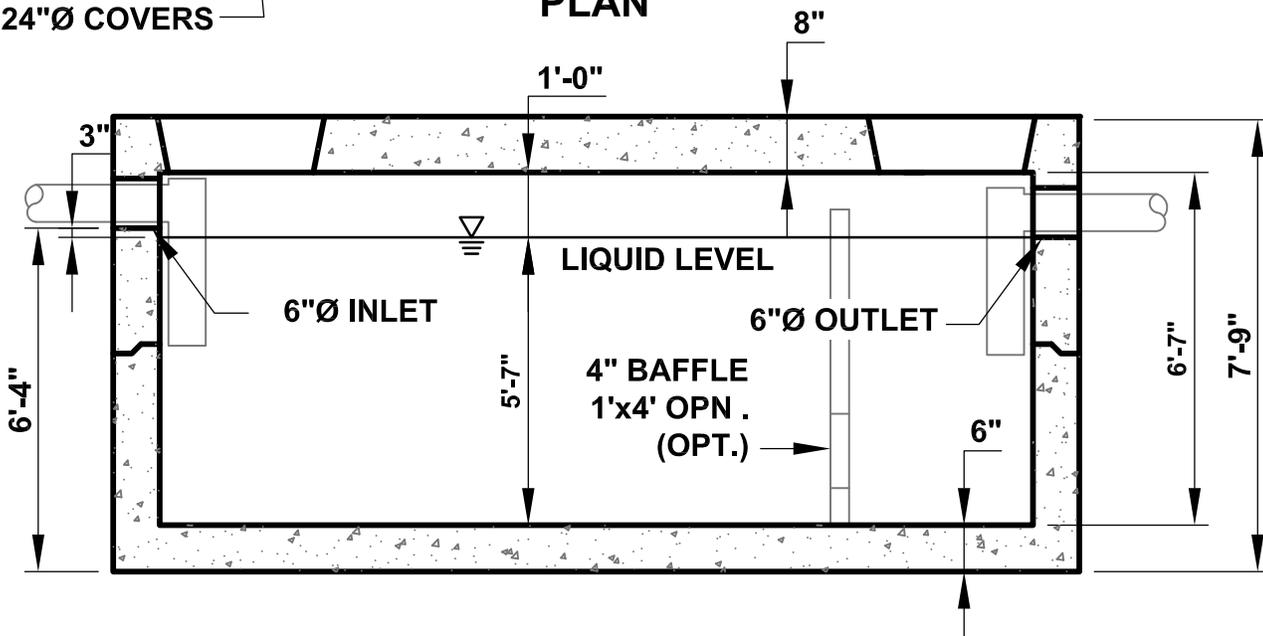
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4,000 GAL. OIL/WATER SEPARATOR



24"Ø COVERS

PLAN



SECTION

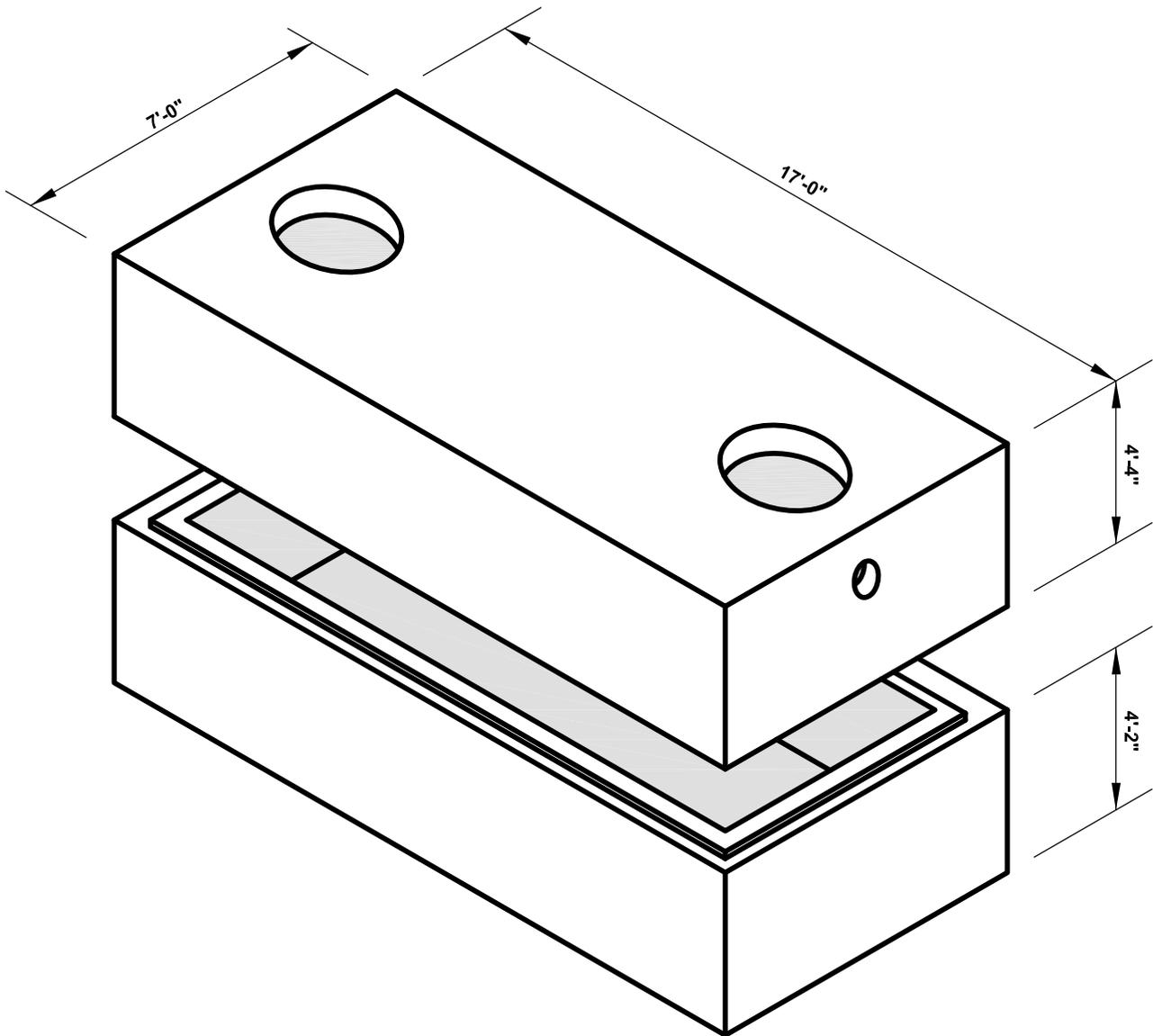
STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

4,500 GAL. OIL/WATER SEPARATOR

INTERIOR DIMENSIONS 16'x6'x7'-4"



APPROX. WEIGHTS:

TOP: 23,500 LB

BASE: 21,600 LB

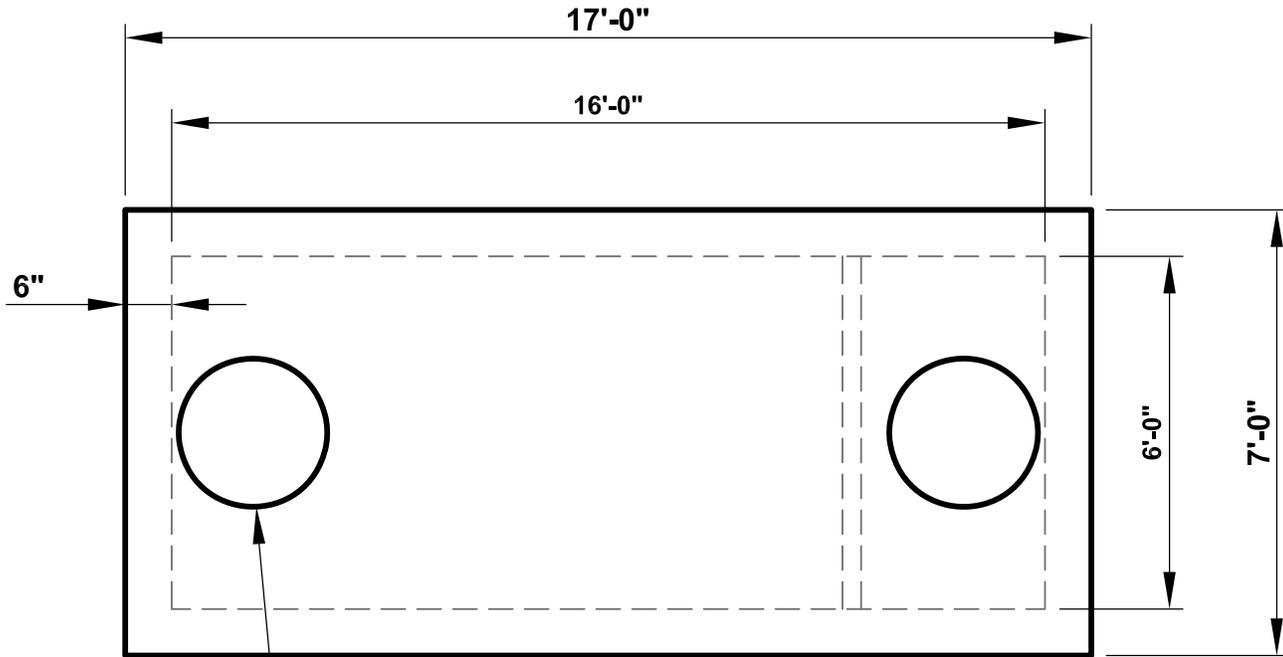
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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CERTIFIED PLANT

DURASTONE

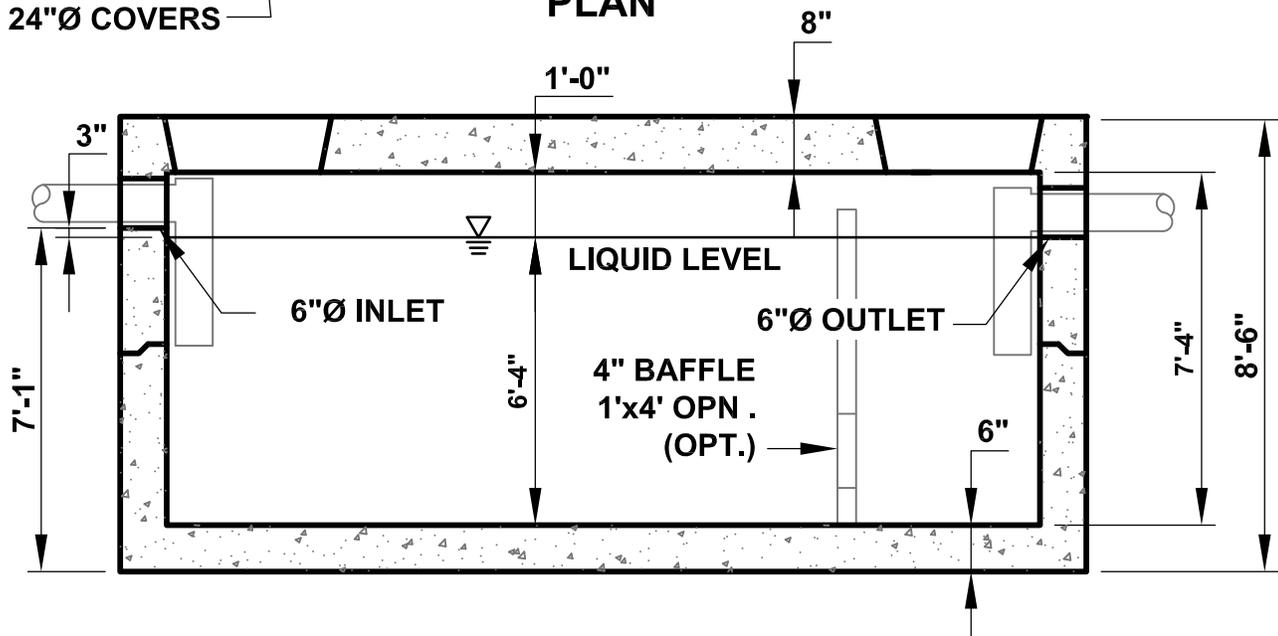
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

4,500 GAL. OIL/WATER SEPARATOR



24"Ø COVERS

PLAN



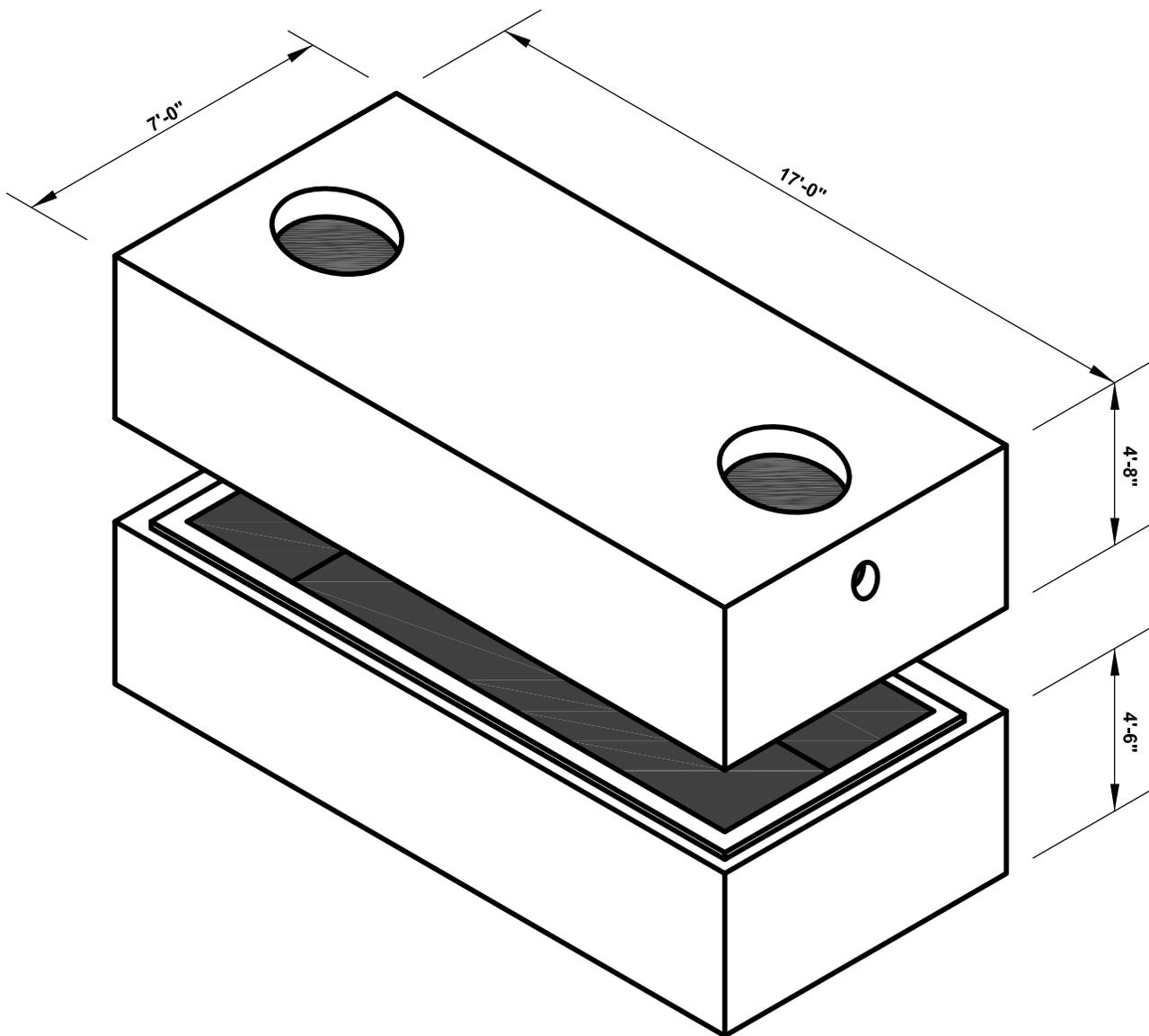
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

5,000 GAL. OIL/WATER SEPARATOR INTERIOR DIMENSIONS 16'X6'X8'-0"



APPROX. WEIGHTS:
TOP: 24,600 LB
BASE: 22,700 LB

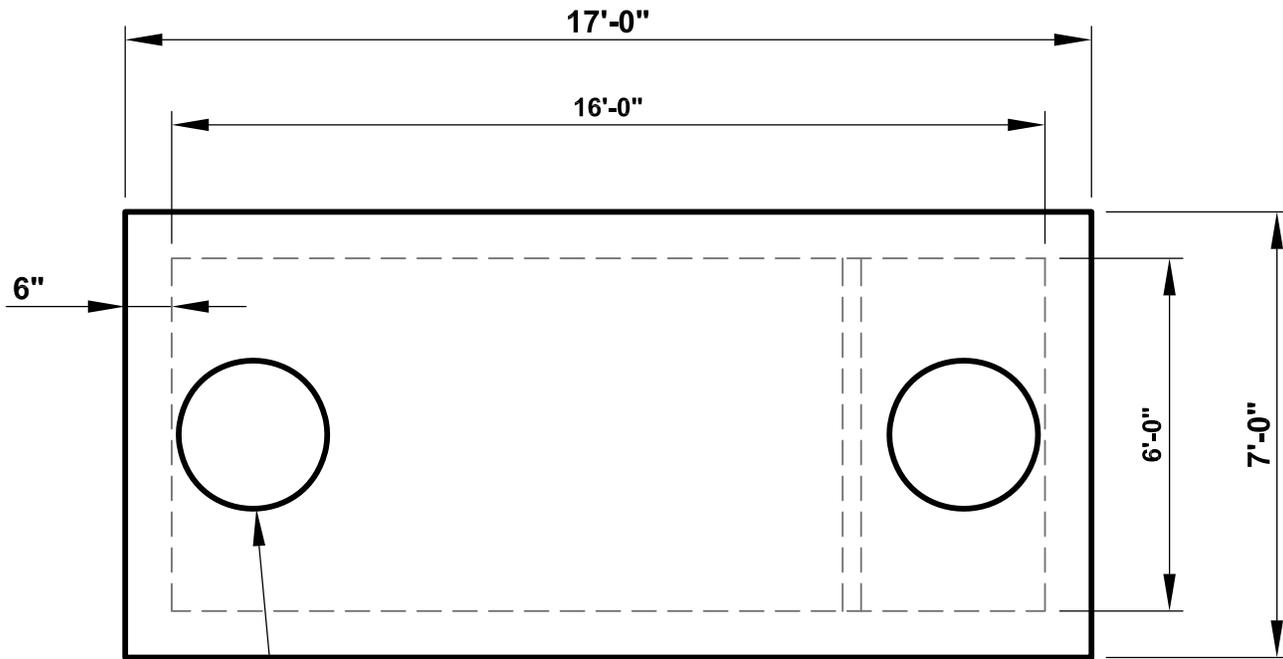
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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CERTIFIED PLANT

DURASTONE

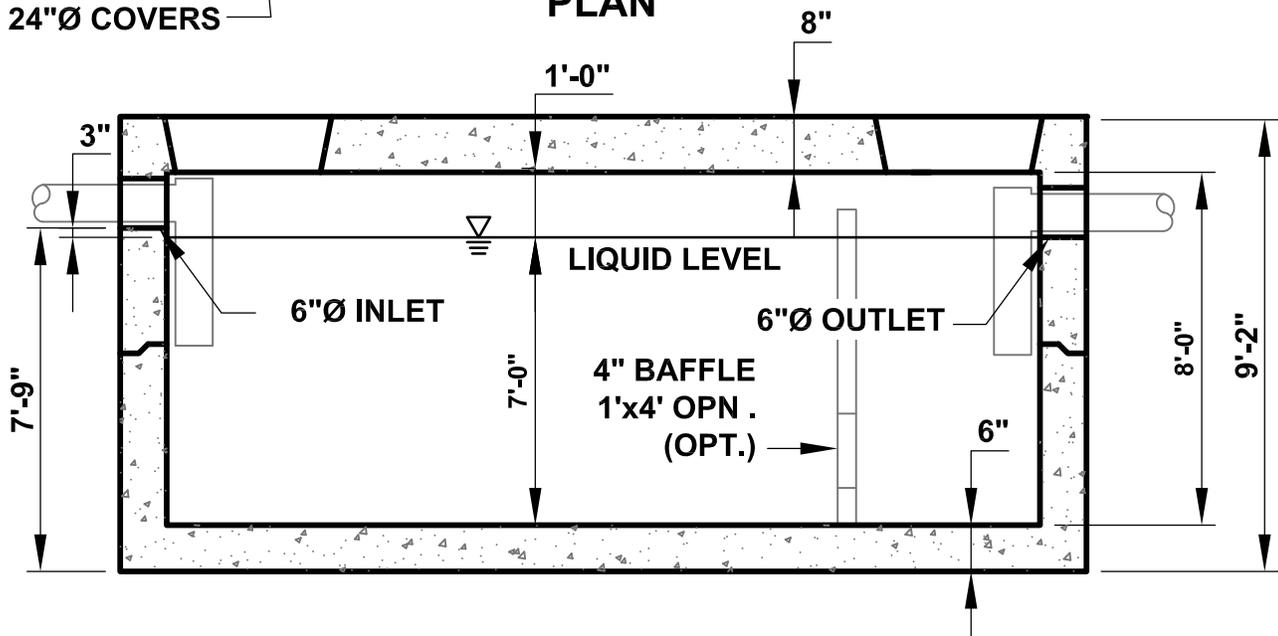
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5,000 GAL. OIL/WATER SEPARATOR



24"Ø COVERS

PLAN



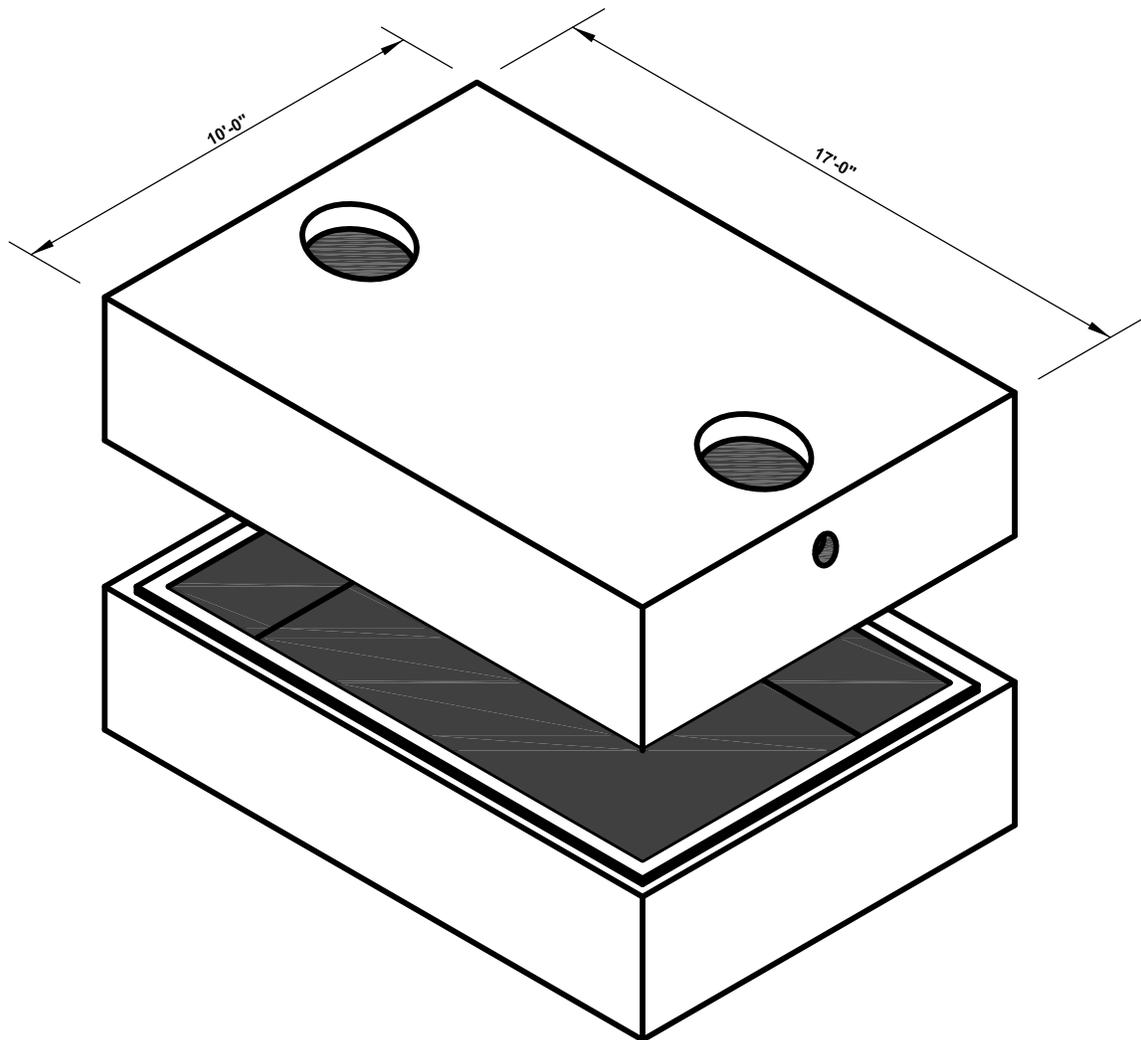
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STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

5,000 GAL. OIL/WATER SEPARATOR INTERIOR DIMENSIONS 16'x9'x5'-8"



APPROX. WEIGHTS:
TOP: 29,500 LB
BASE: 23,800 LB

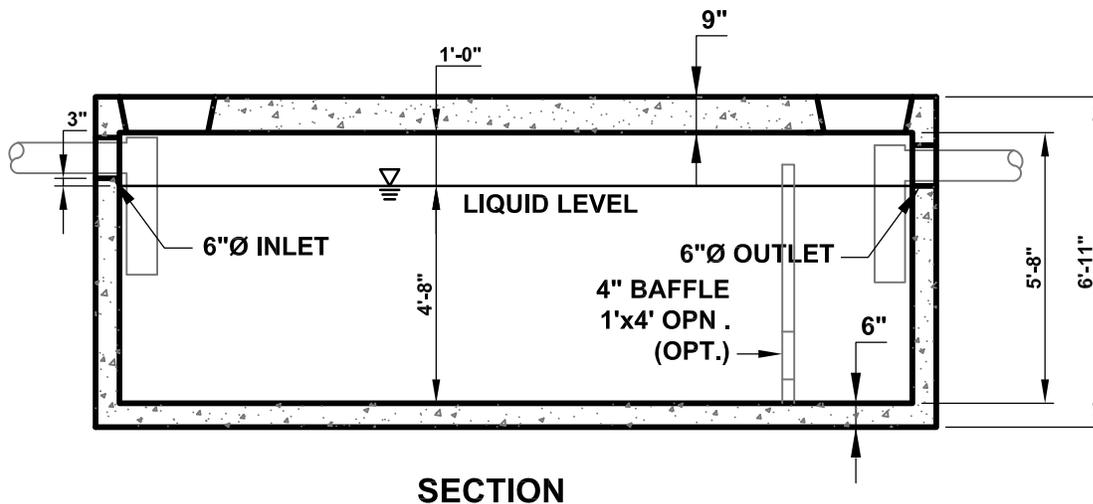
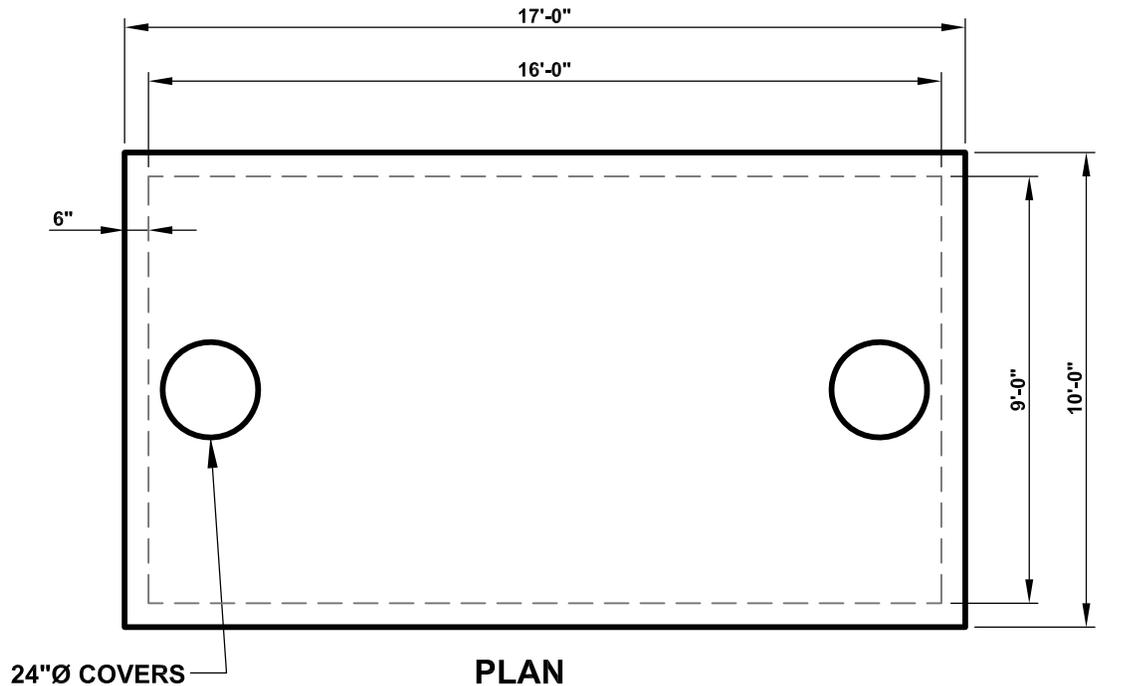
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DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

5,000 GAL. OIL/WATER SEPARATOR

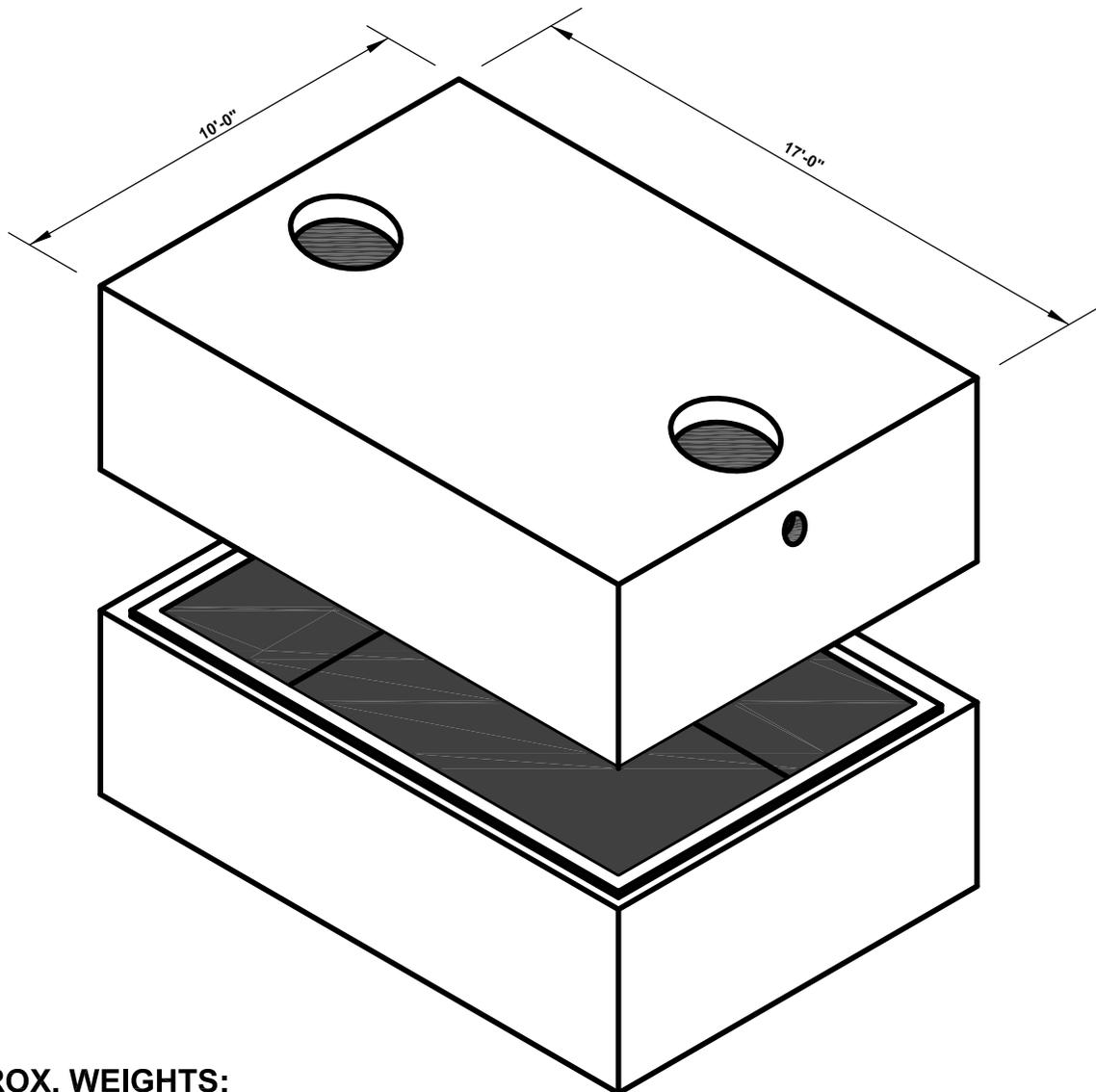


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

6,000 GAL. OIL/WATER SEPARATOR INTERIOR DIMENSIONS 16'x9'x6'-7"



APPROX. WEIGHTS:
TOP: 31,300 LB
BASE: 25,600 LB

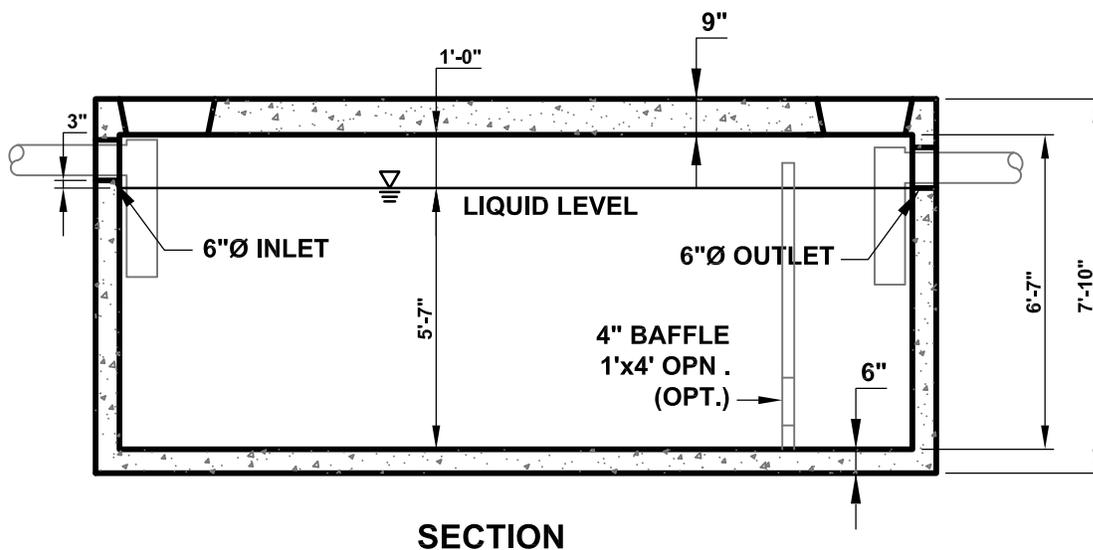
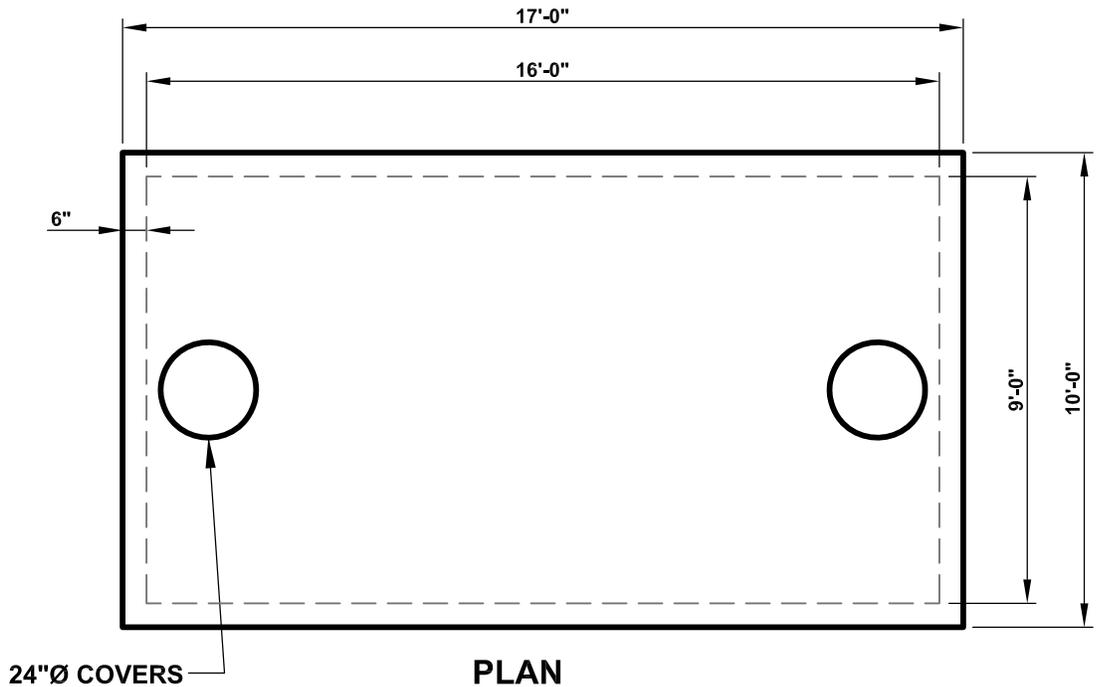
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DURASTONE

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6,000 GAL. OIL/WATER SEPARATOR

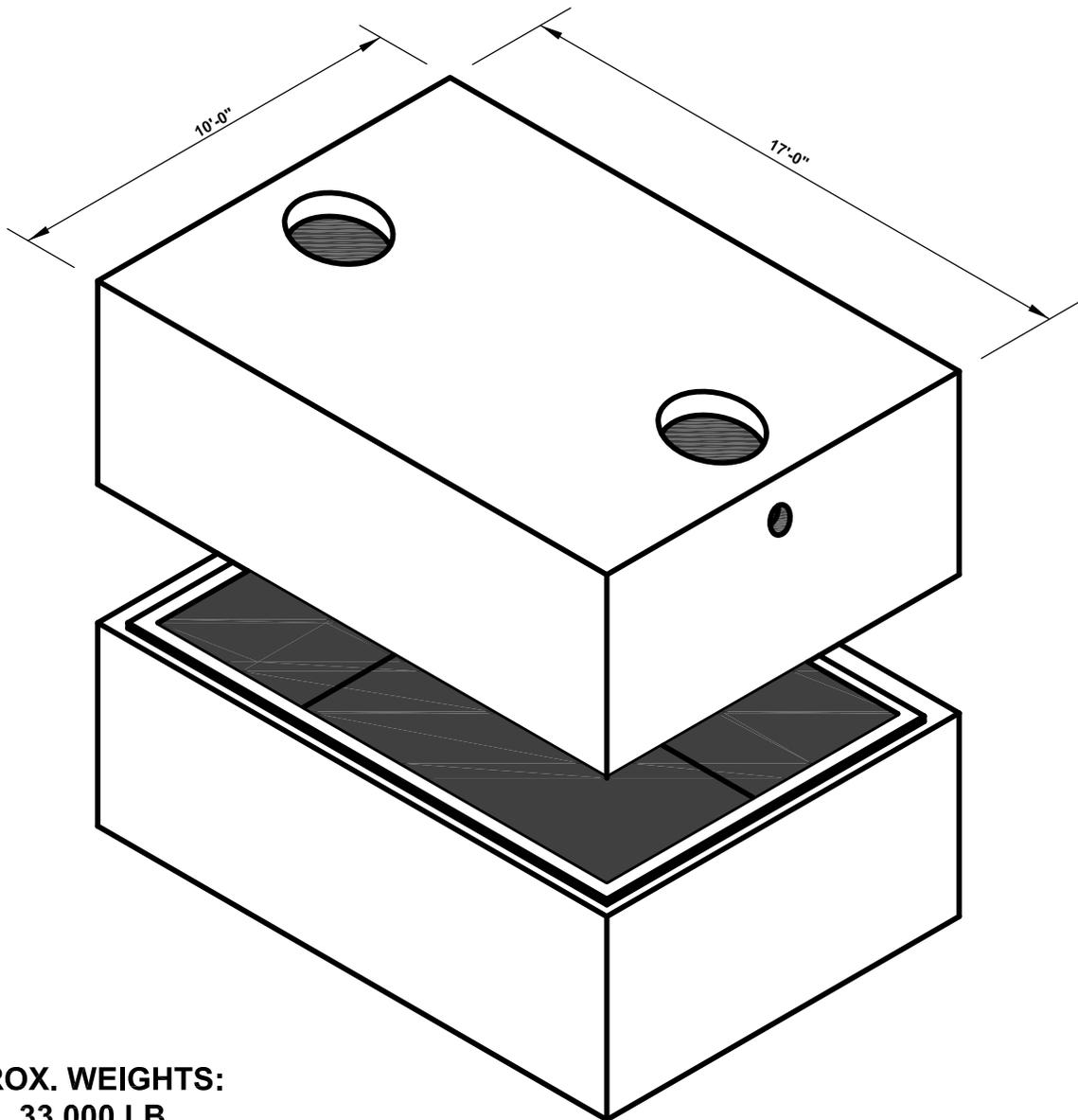


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

7,000 GAL. OIL/WATER SEPARATOR INTERIOR DIMENSIONS 16'x9'x7'-6"



APPROX. WEIGHTS:
TOP: 33,000 LB
BASE: 27,400 LB

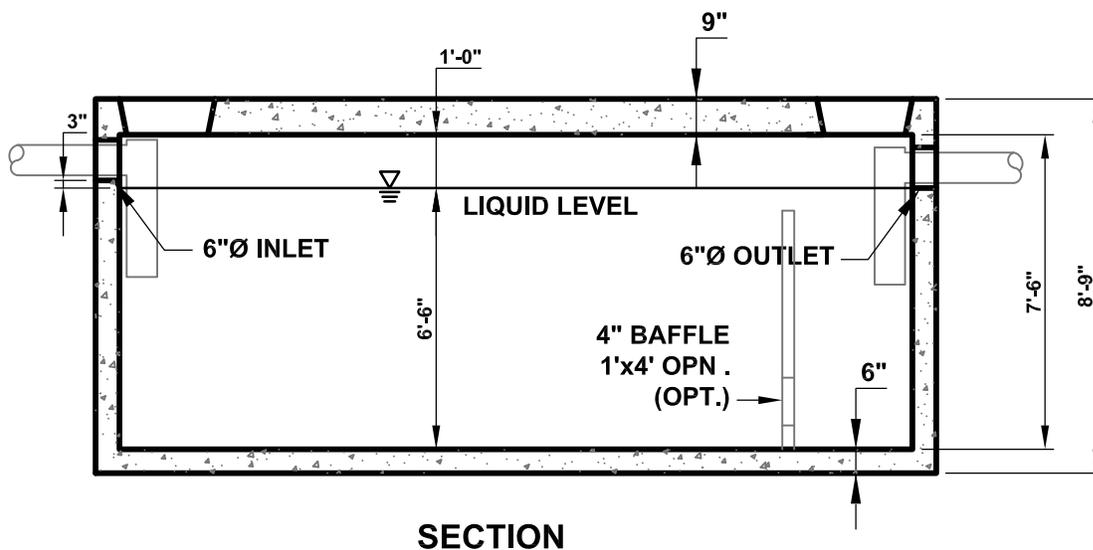
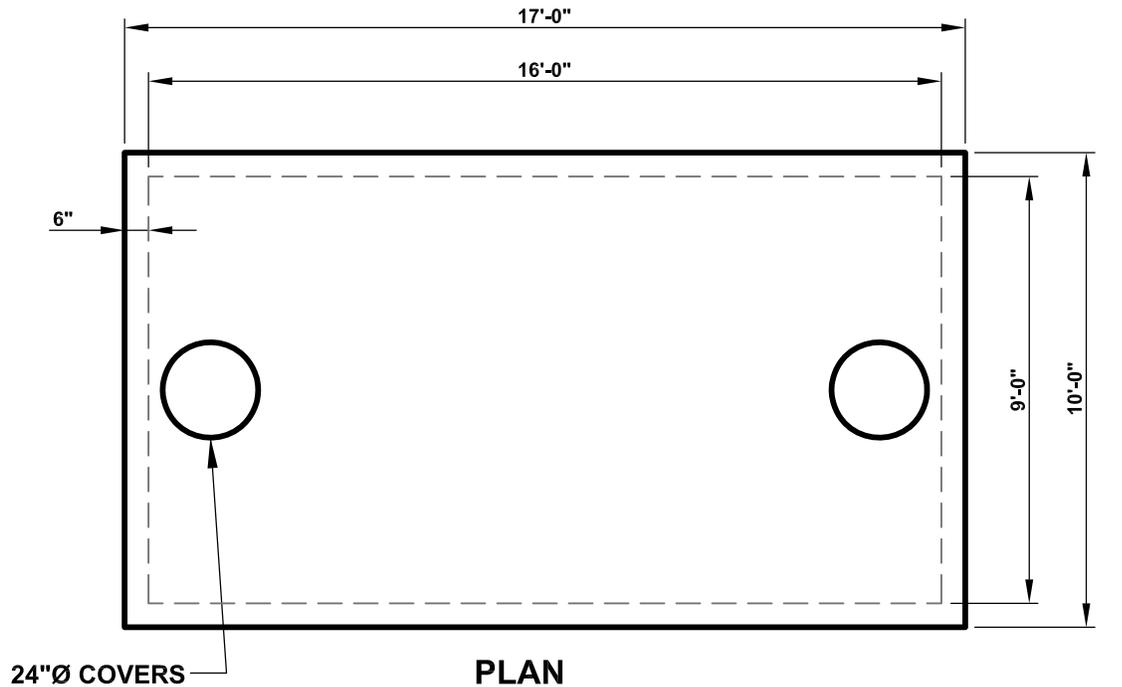
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DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

7,000 GAL. OIL/WATER SEPARATOR

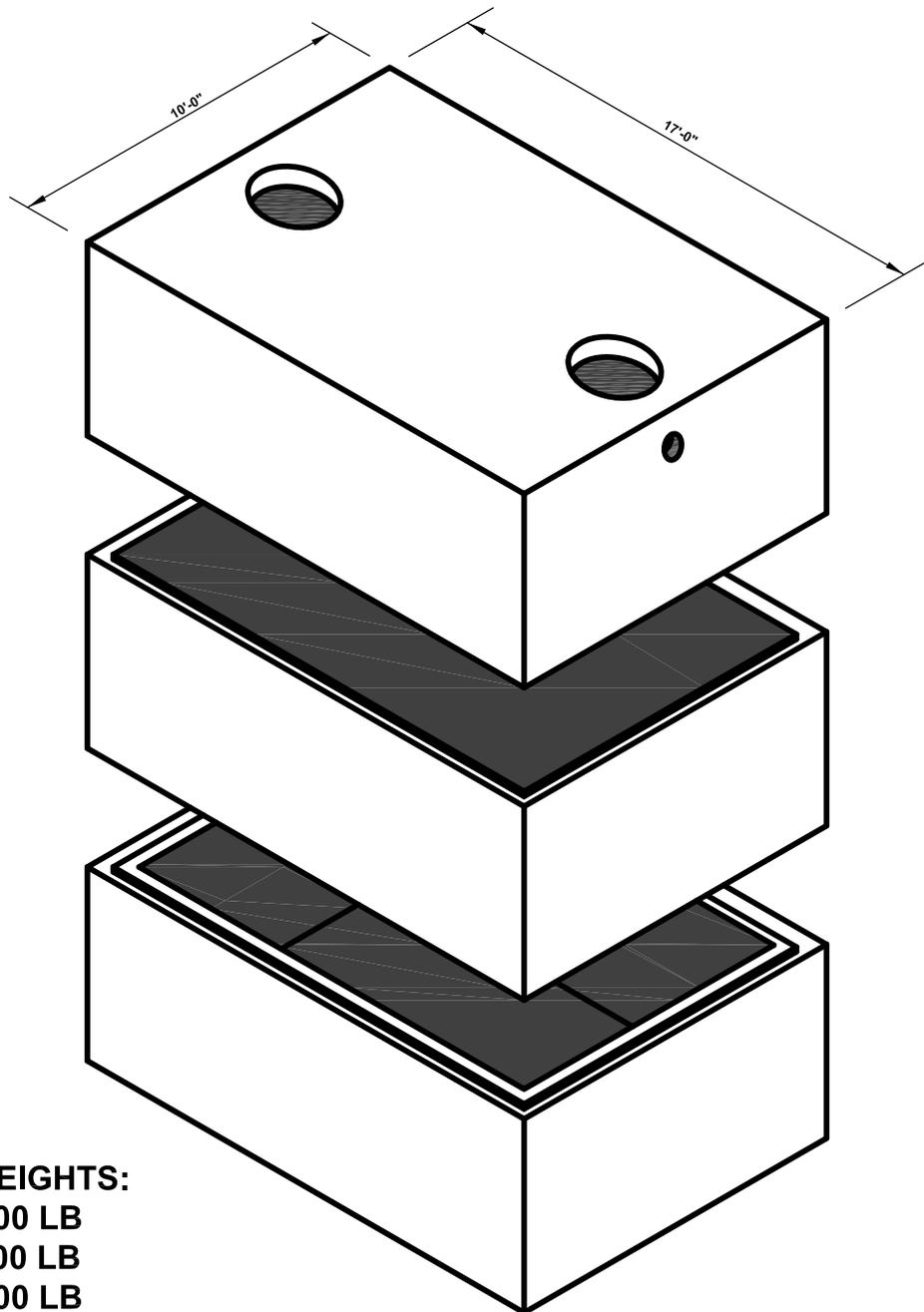


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

8,000 GAL. OIL/WATER SEPARATOR **INTERIOR DIMENSIONS 16'x9'x8'-5"**



APPROX. WEIGHTS:

TOP: 29,400 LB

RISER: 10,900 LB

BASE: 23,700 LB

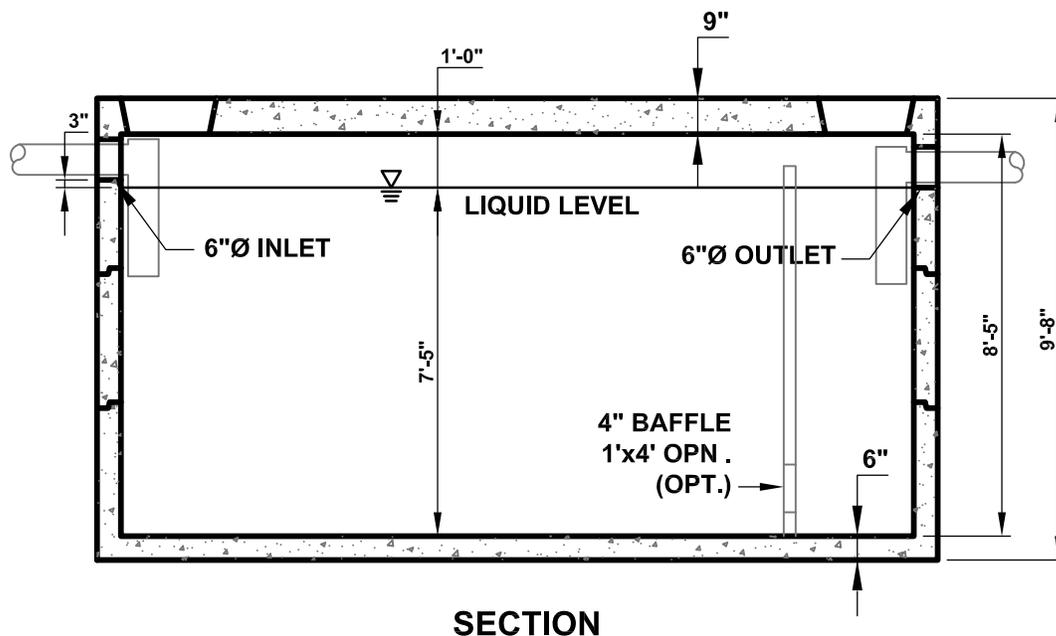
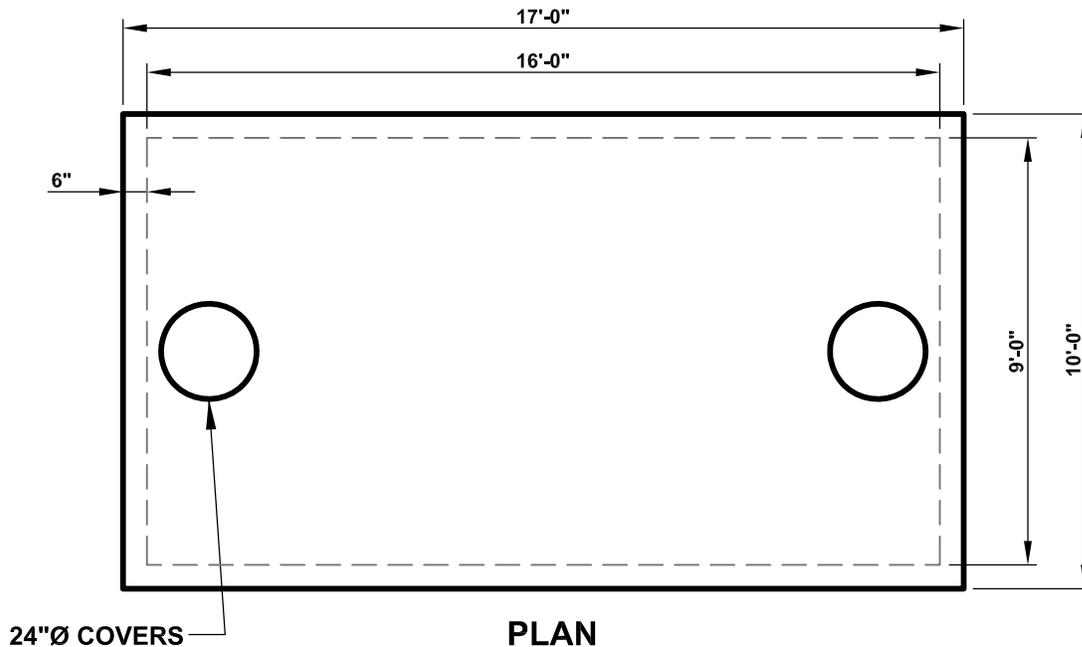
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DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

8,000 GAL. OIL/WATER SEPARATOR

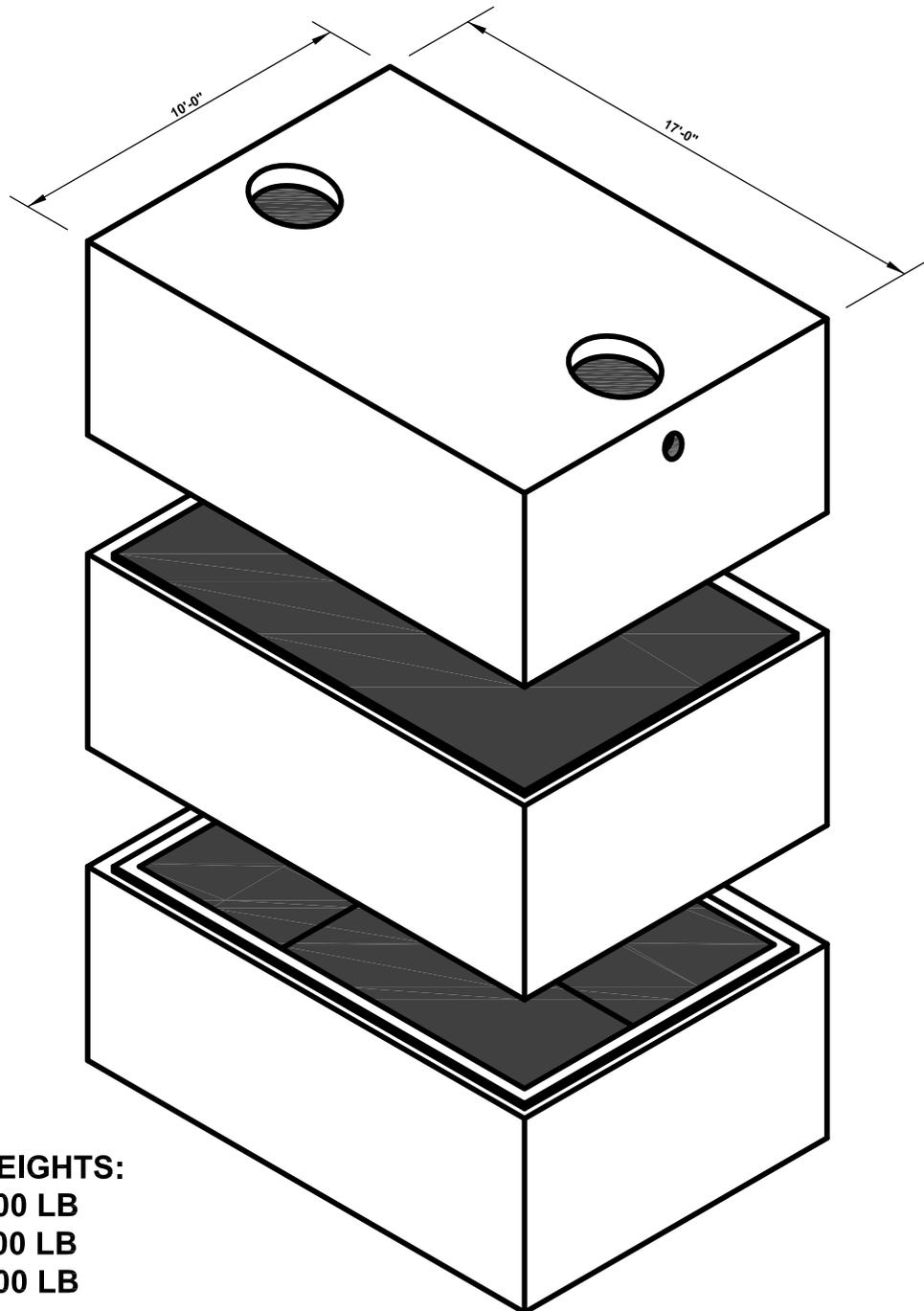


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HL93 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

9,000 GAL. OIL/WATER SEPARATOR INTERIOR DIMENSIONS 16'x9'x9'-4"



APPROX. WEIGHTS:
TOP: 30,600 LB
RISER: 12,100 LB
BASE: 24,900 LB

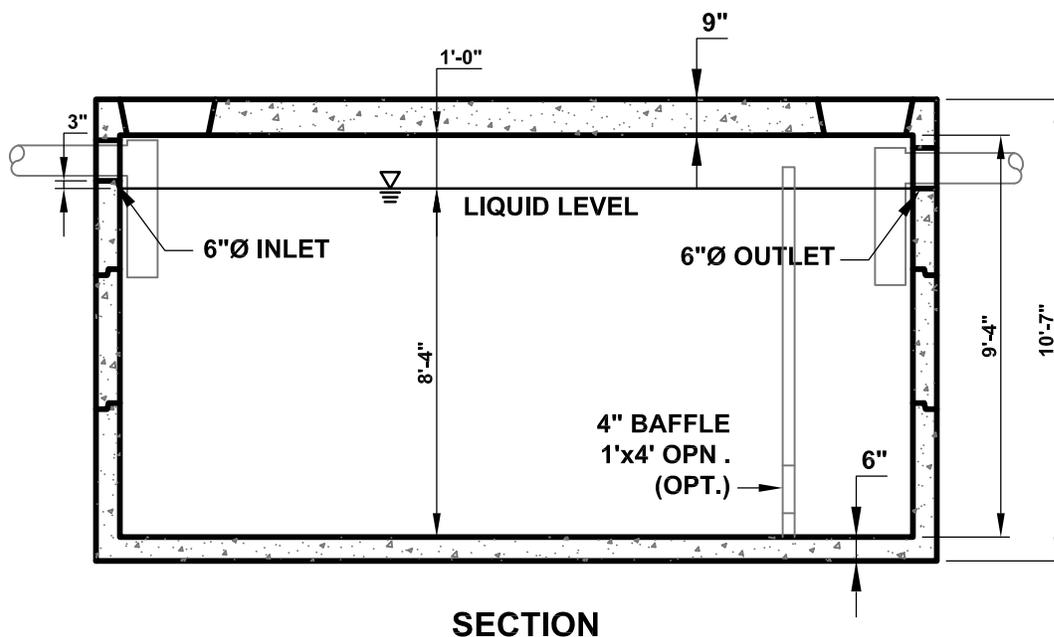
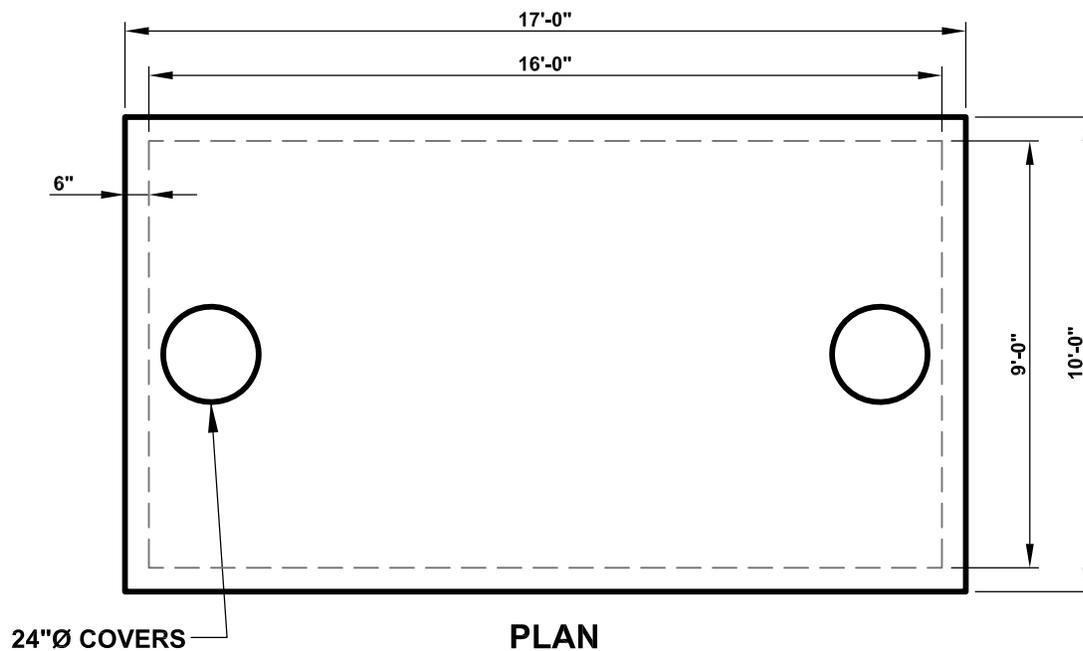
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DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

9,000 GAL. OIL/WATER SEPARATOR

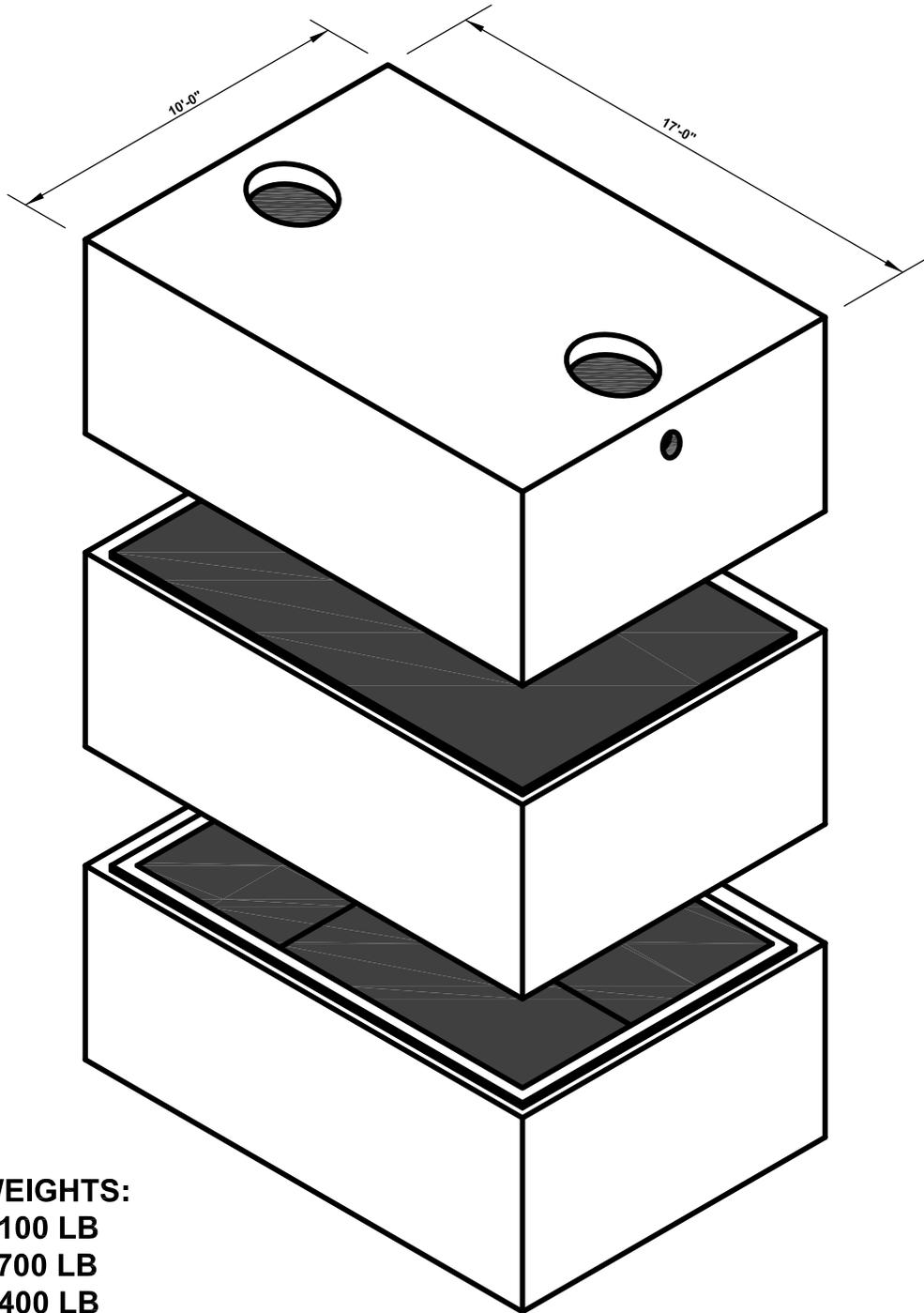


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HL93 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

10,000 GAL. OIL/WATER SEPARATOR INTERIOR DIMENSIONS 16'x9'x10'-6"



APPROX. WEIGHTS:
TOP: 32,100 LB
RISER: 13,700 LB
BASE: 26,400 LB

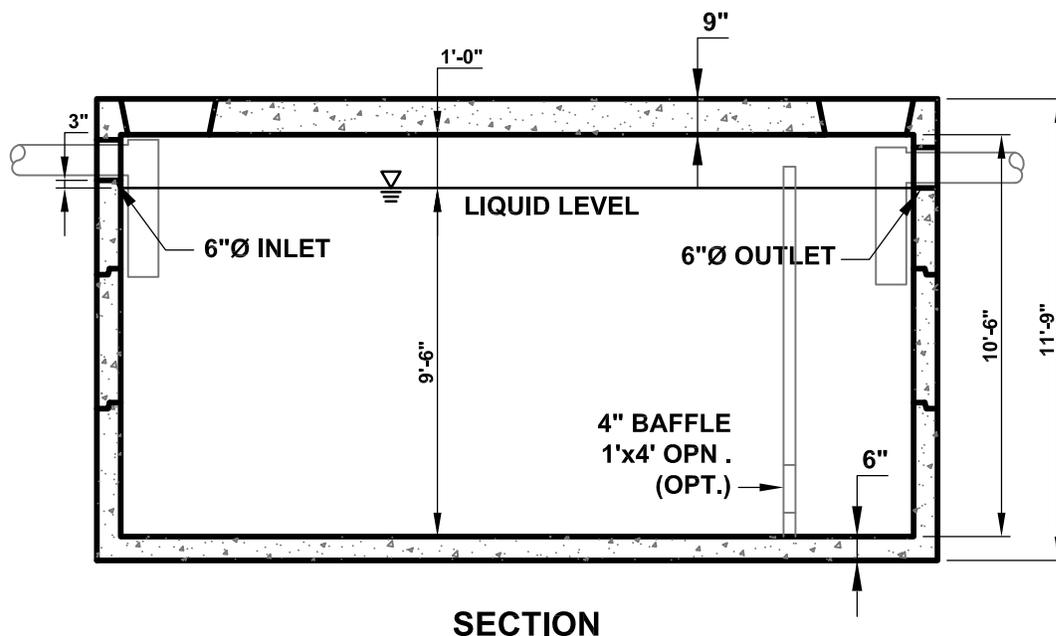
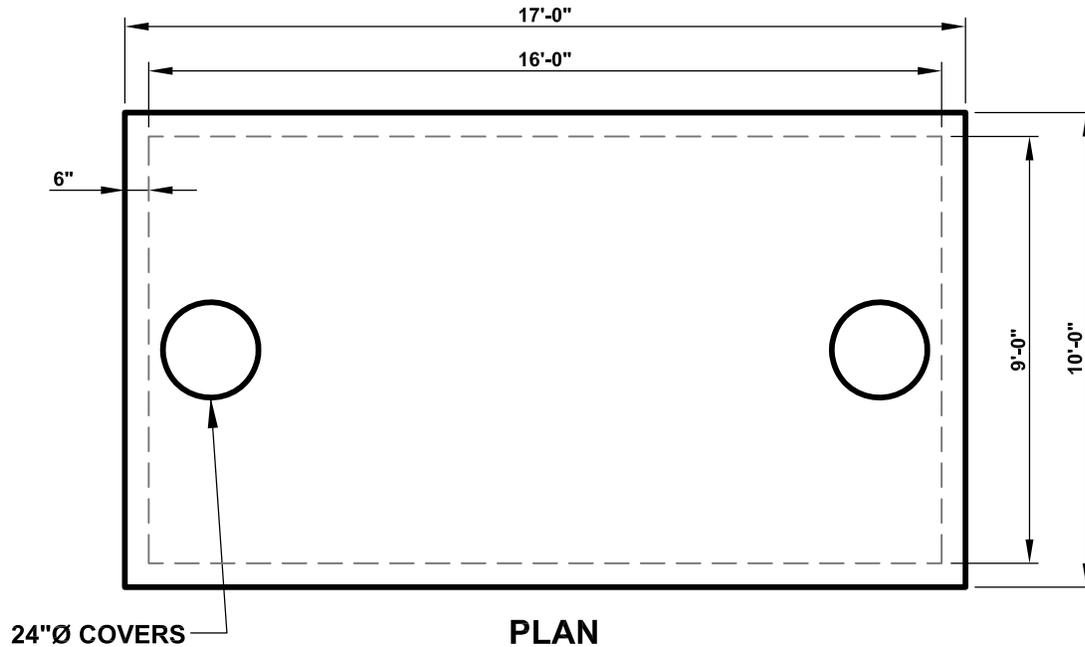
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10,000 GAL. OIL/WATER SEPARATOR

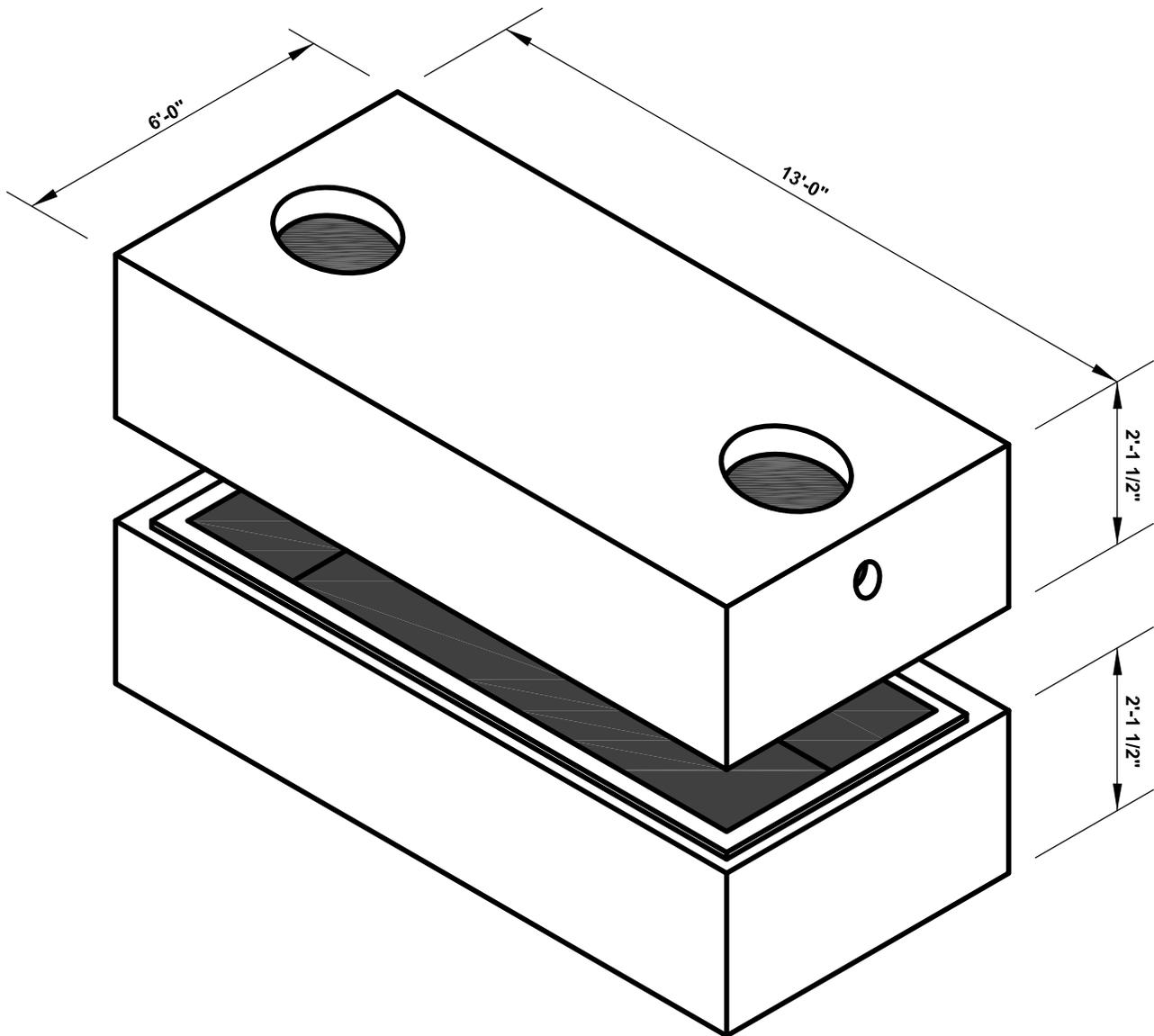


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HL93 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

1,000 GALLON SEPTIC TANK INTERIOR DIMENSIONS 12'X5'X3'-3"



APPROX. WEIGHTS:

TOP: 9,800 LB

BASE: 10,300 LB

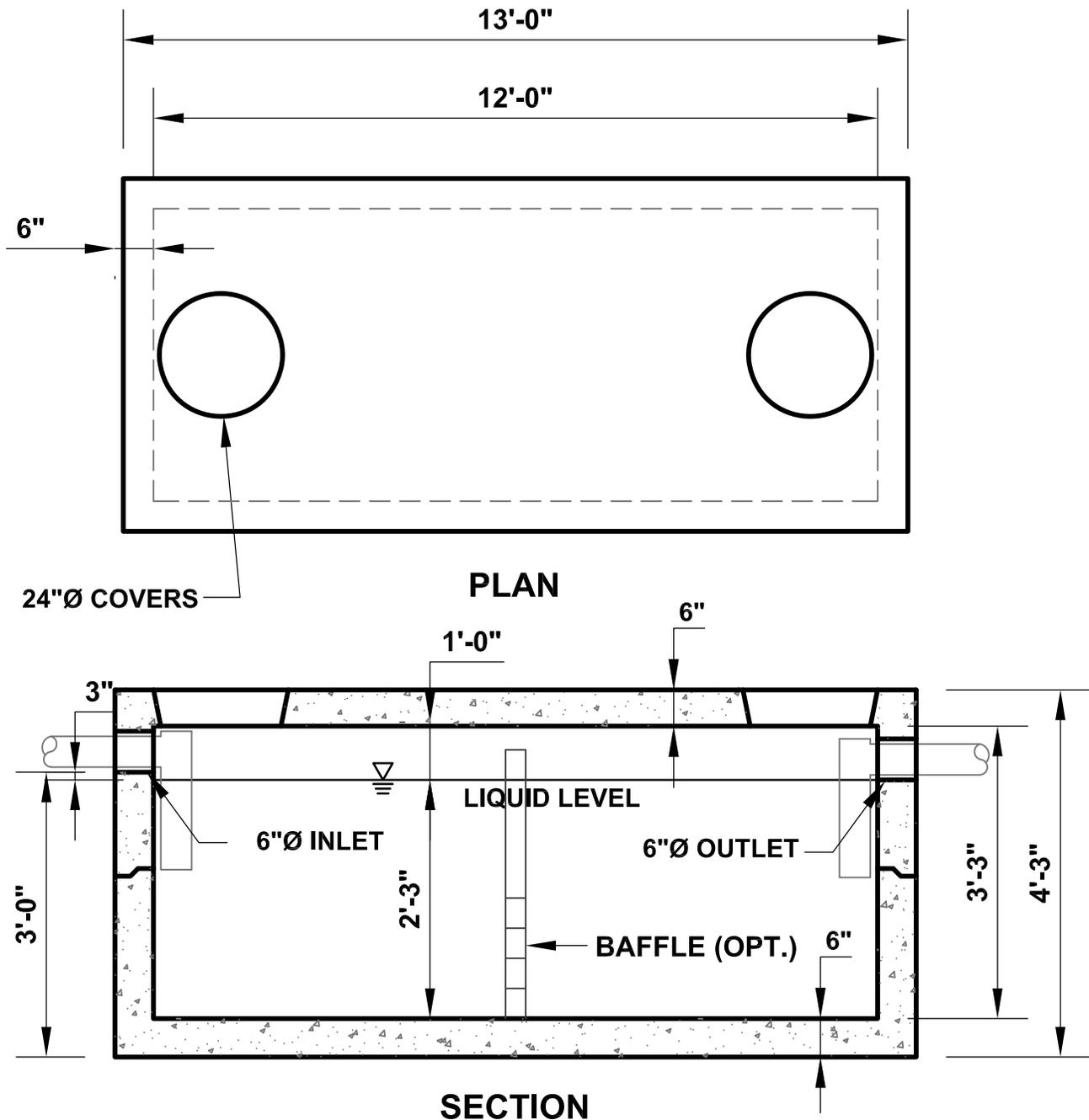
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DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

1,000 GALLON SEPTIC TANK

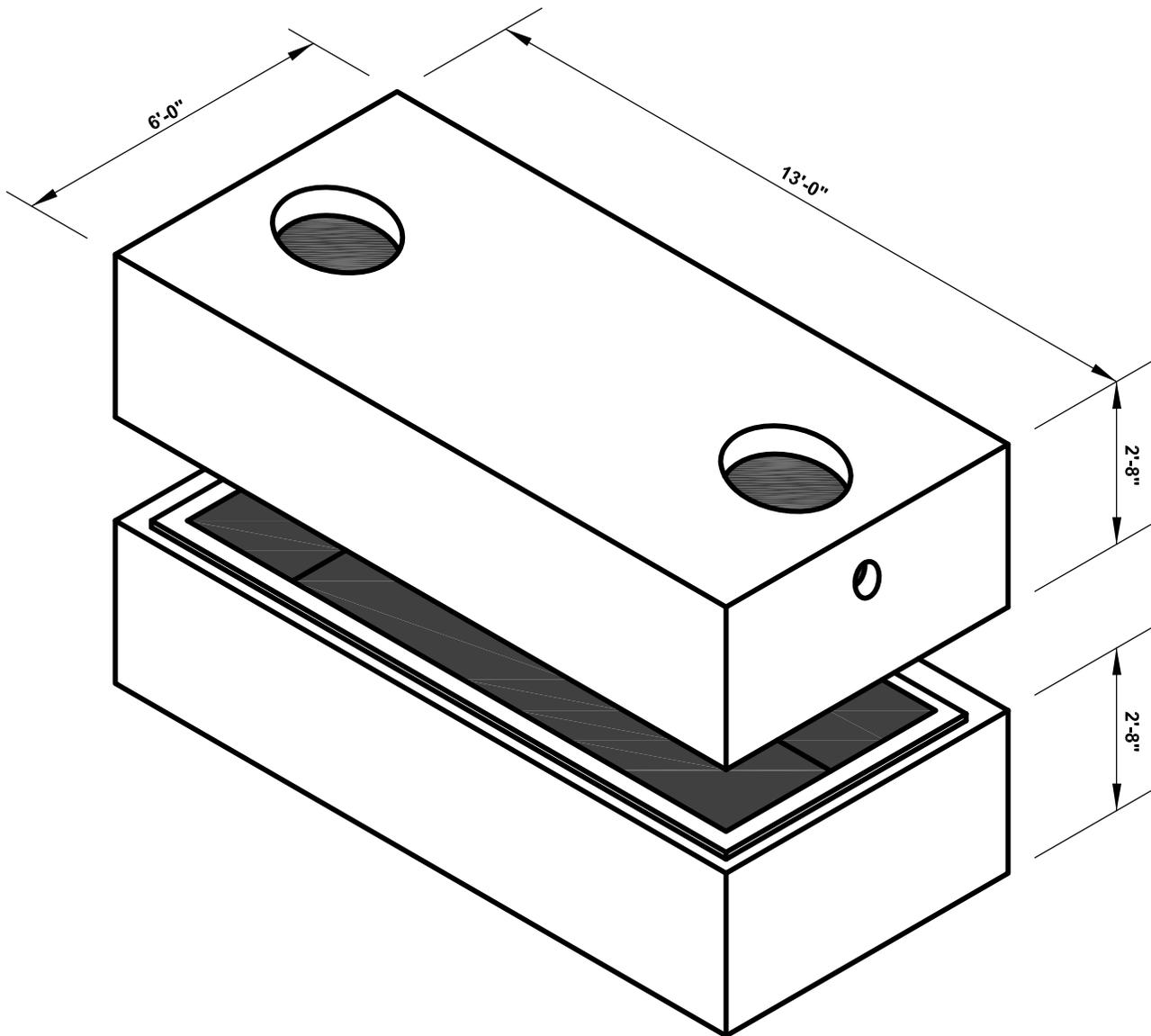


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

1,500 GALLON SEPTIC TANK INTERIOR DIMENSIONS 12'X5'X4'-4"



APPROX. WEIGHTS:
TOP: 10,700 LB
BASE: 11,700 LB

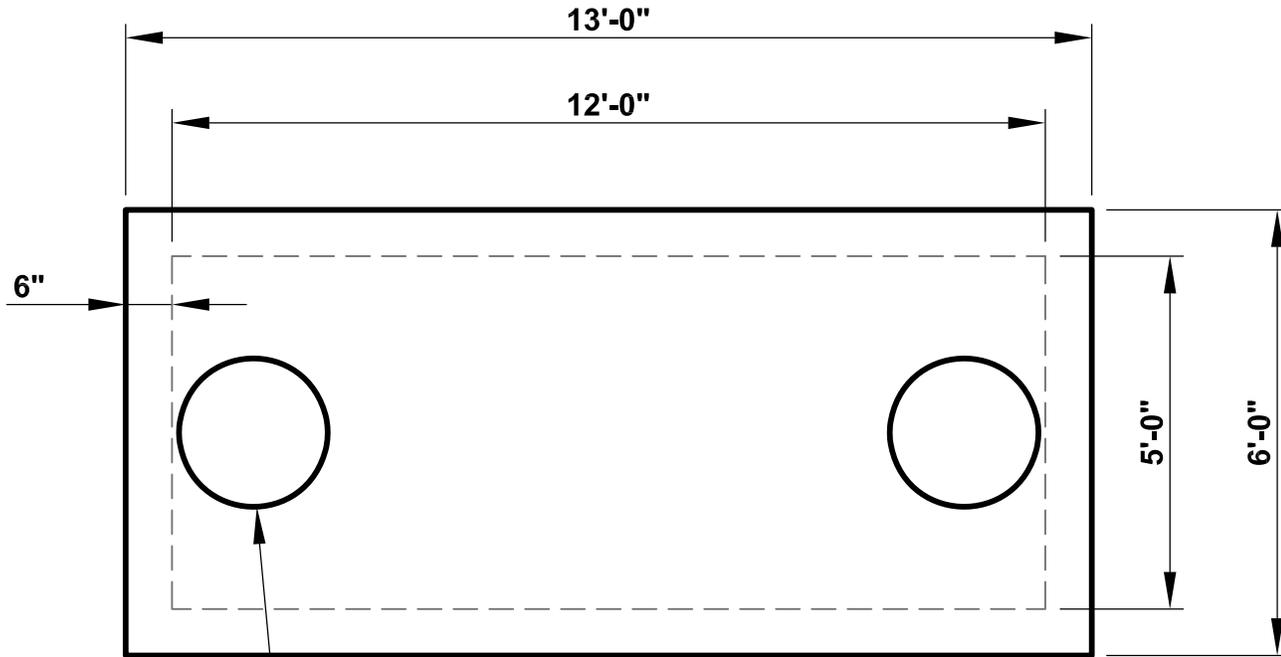
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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DURASTONE

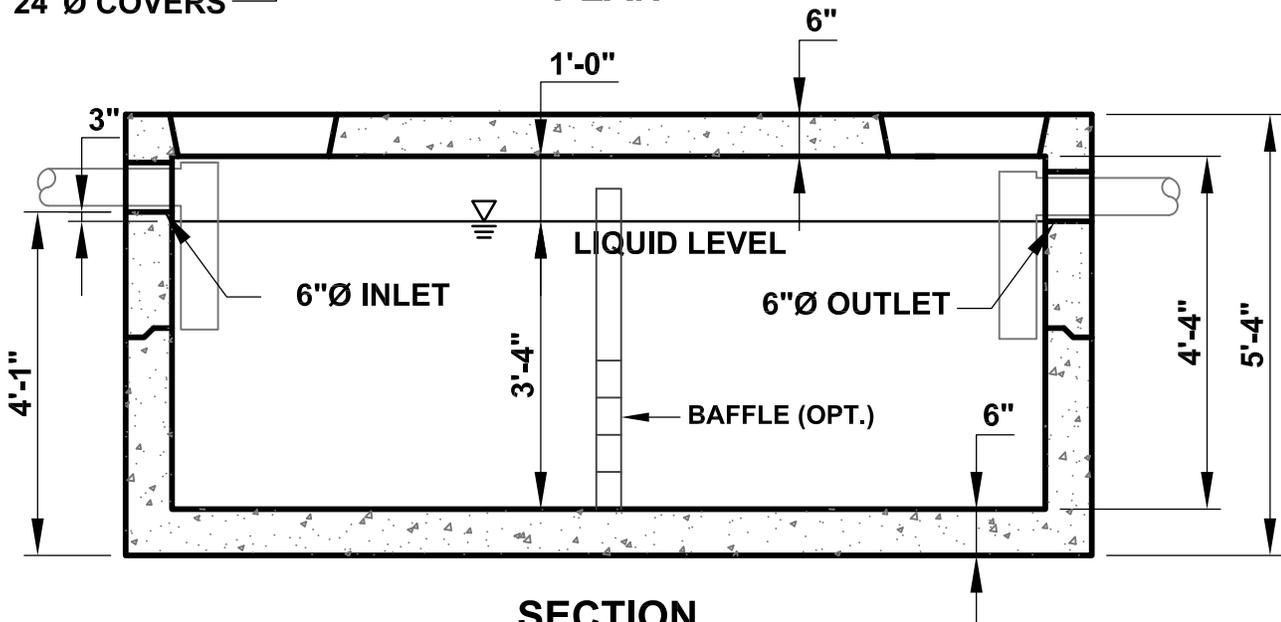
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

1,500 GALLON SEPTIC TANK



24"Ø COVERS

PLAN



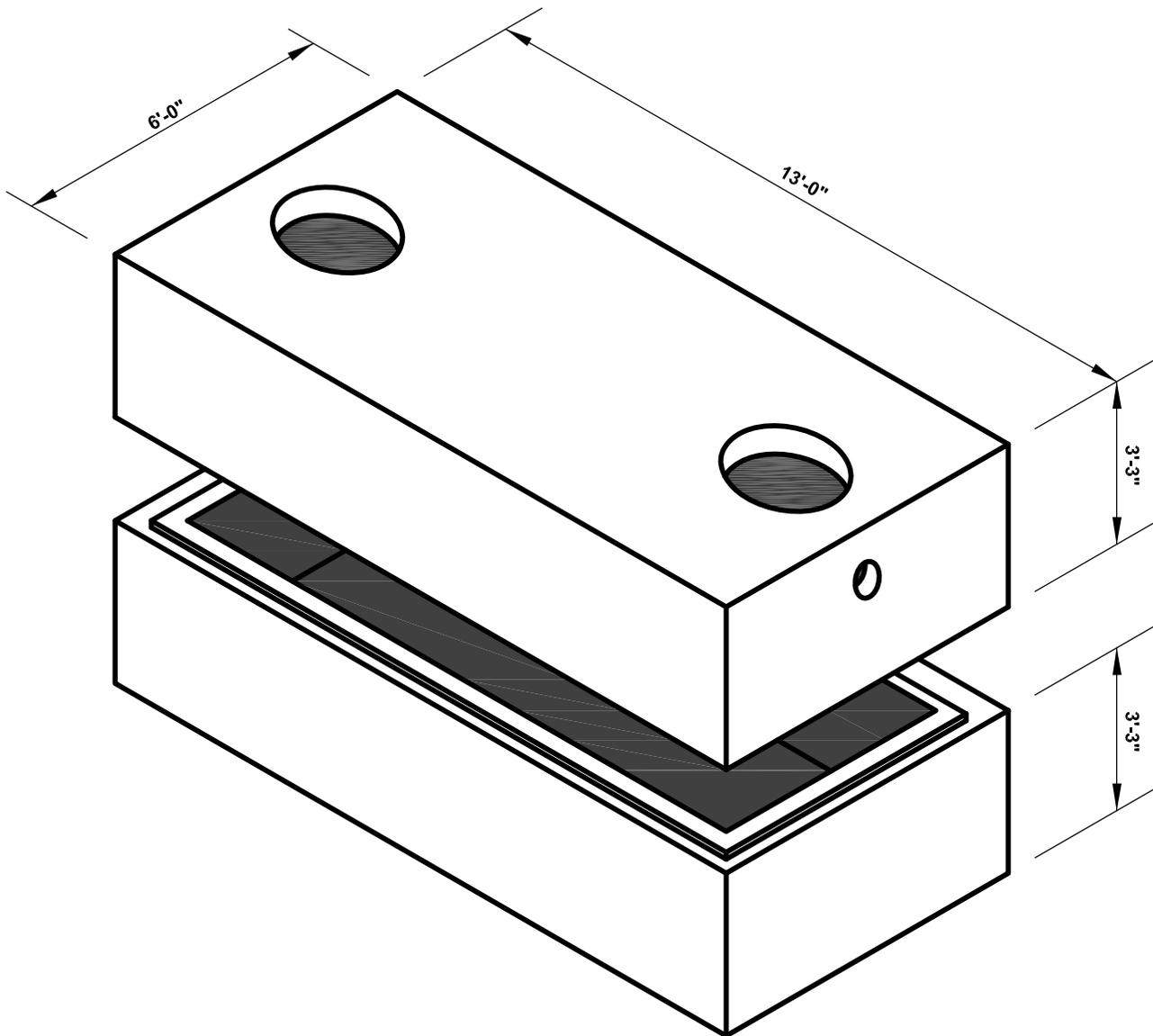
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

2,000 GALLON SEPTIC TANK INTERIOR DIMENSIONS 12'X5'X5'-6"



APPROX. WEIGHTS:
TOP: 12,300 LB
BASE: 13,300 LB

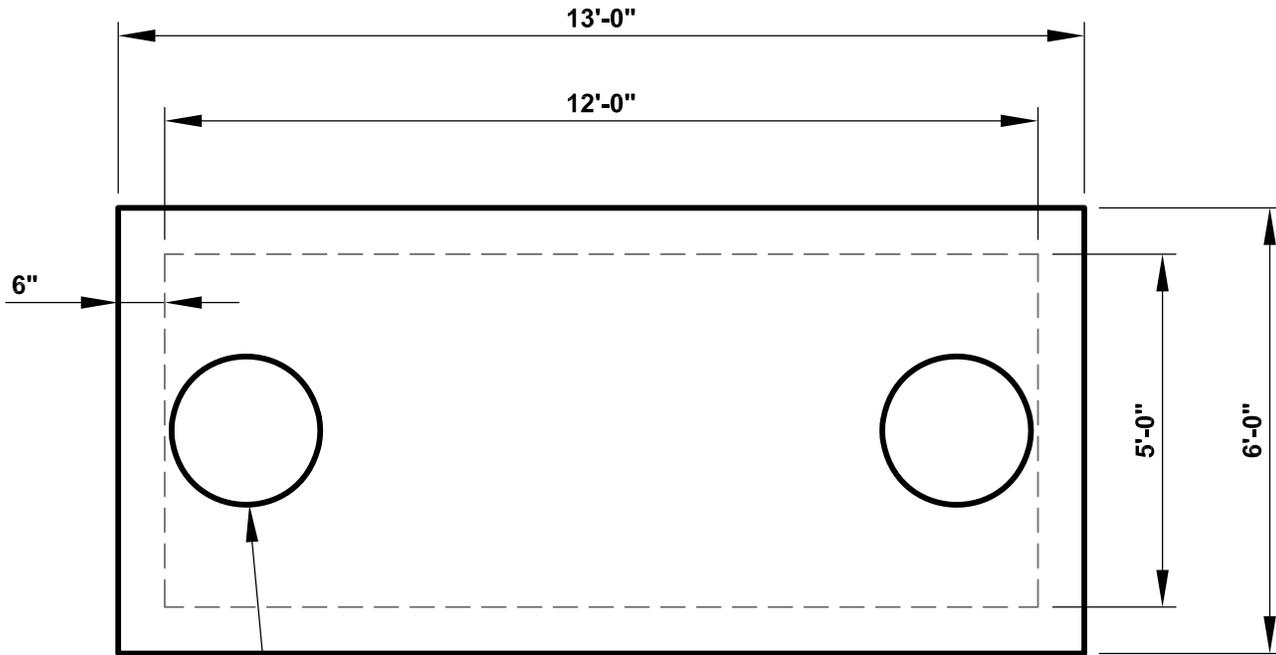
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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CERTIFIED PLANT

DURASTONE

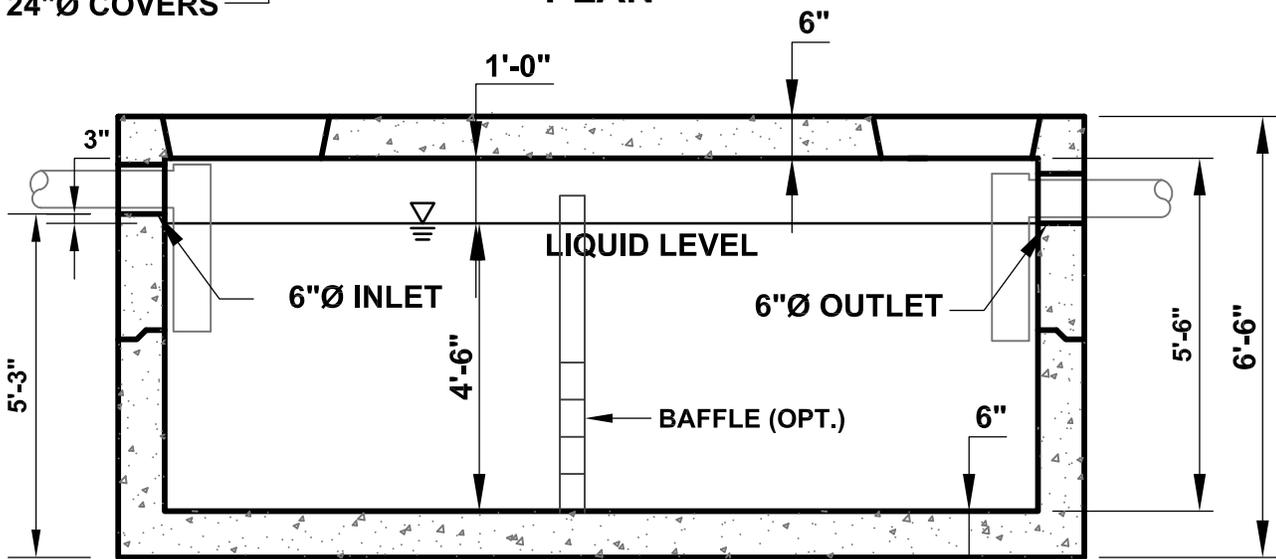
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

2,000 GALLON SEPTIC TANK



24"Ø COVERS

PLAN



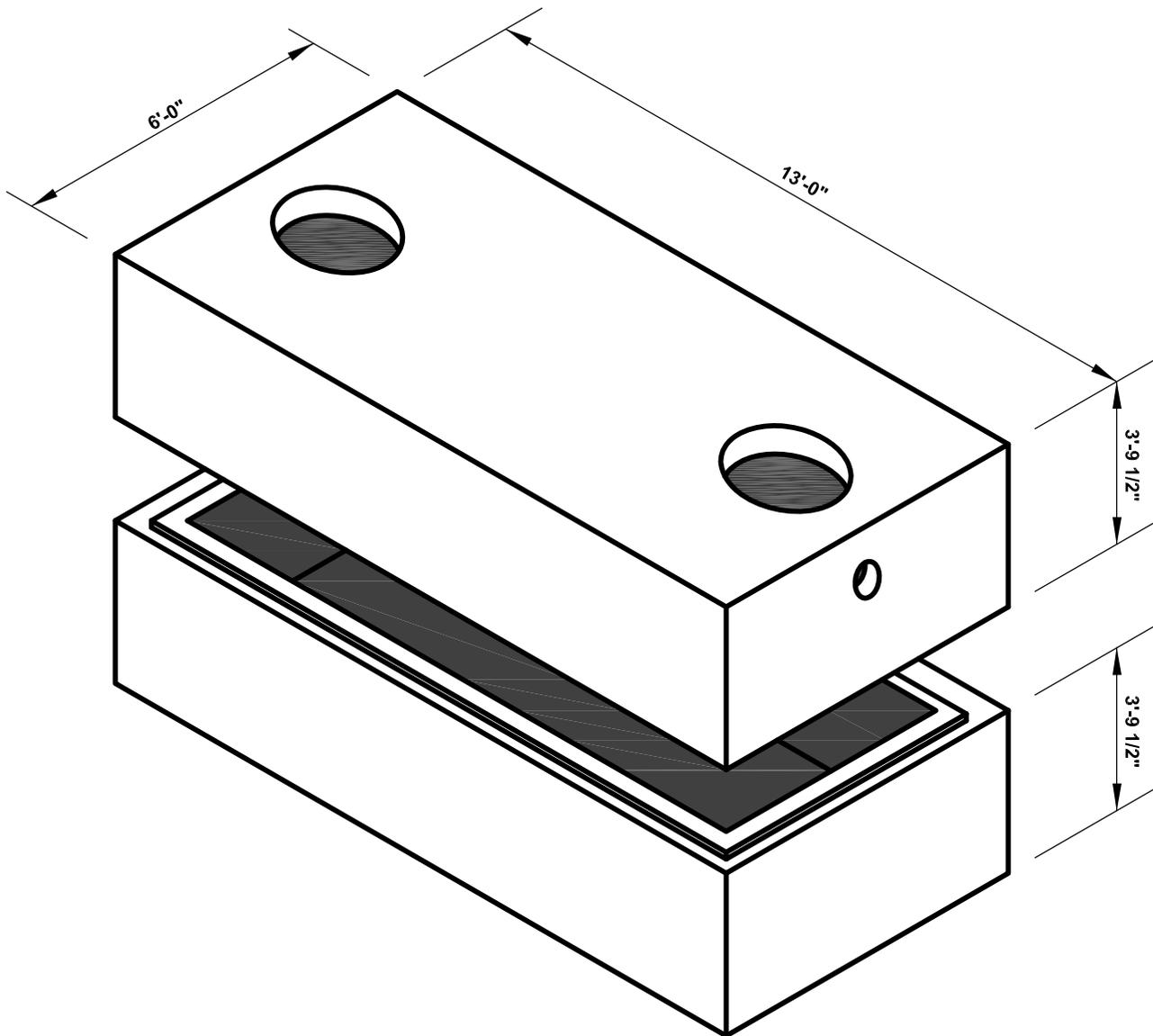
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

2,500 GALLON SEPTIC TANK INTERIOR DIMENSIONS 12'X5'X6'-7"



APPROX. WEIGHTS:
TOP: 13,800 LB
BASE: 14,800 LB

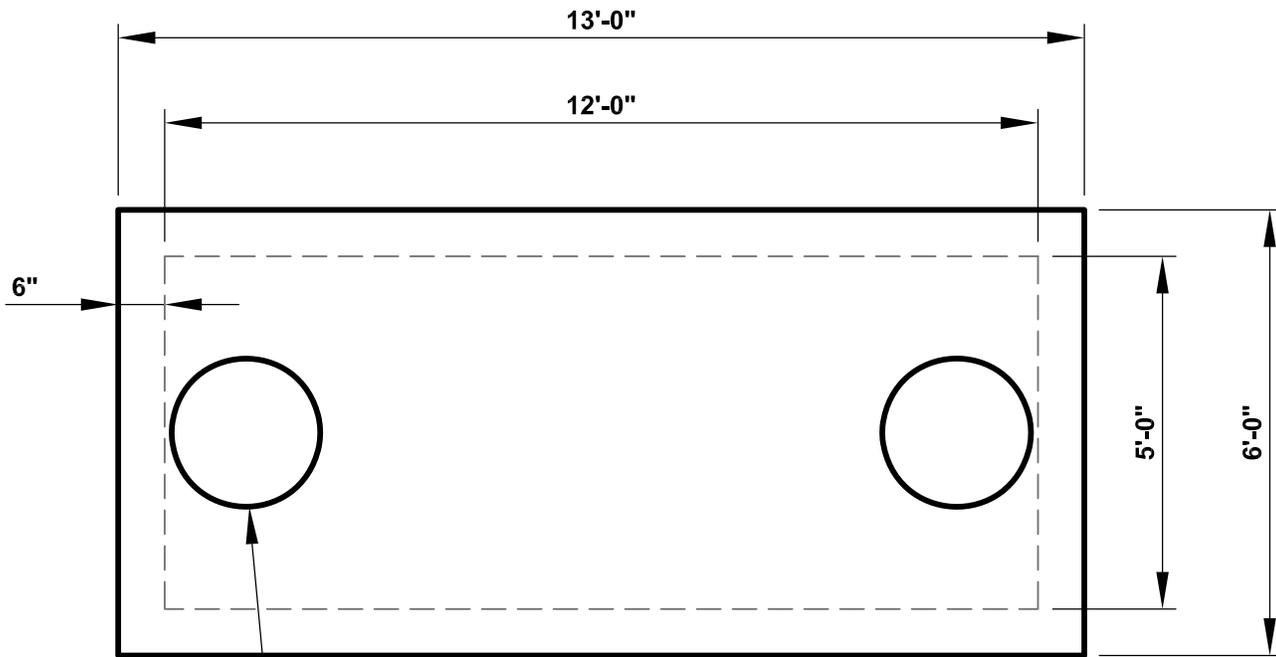
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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DURASTONE

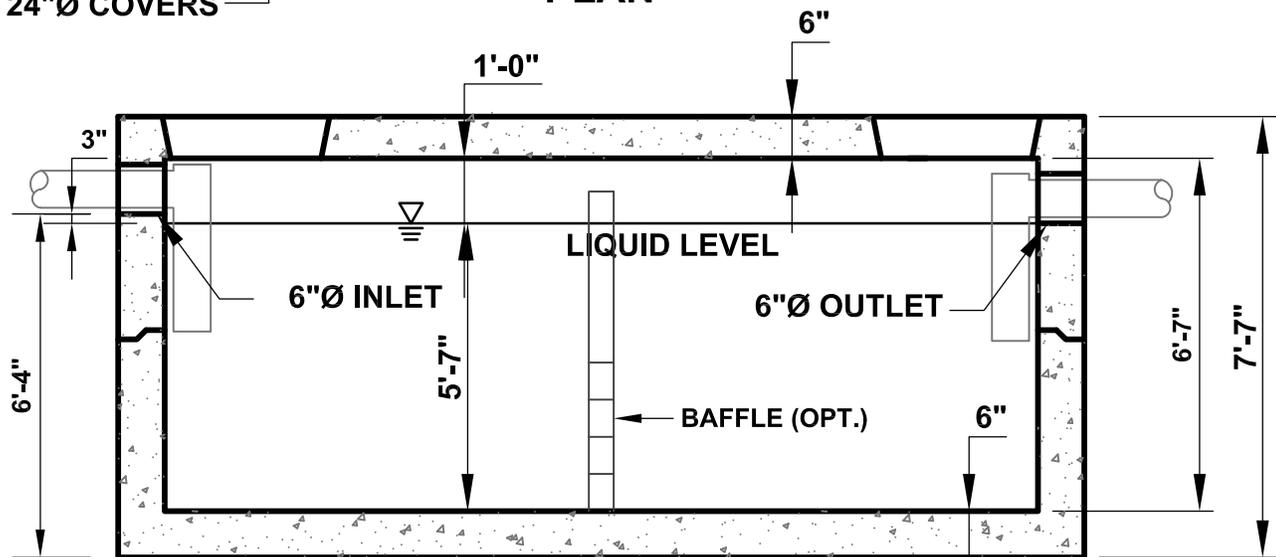
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

2,500 GALLON SEPTIC TANK



24"Ø COVERS

PLAN



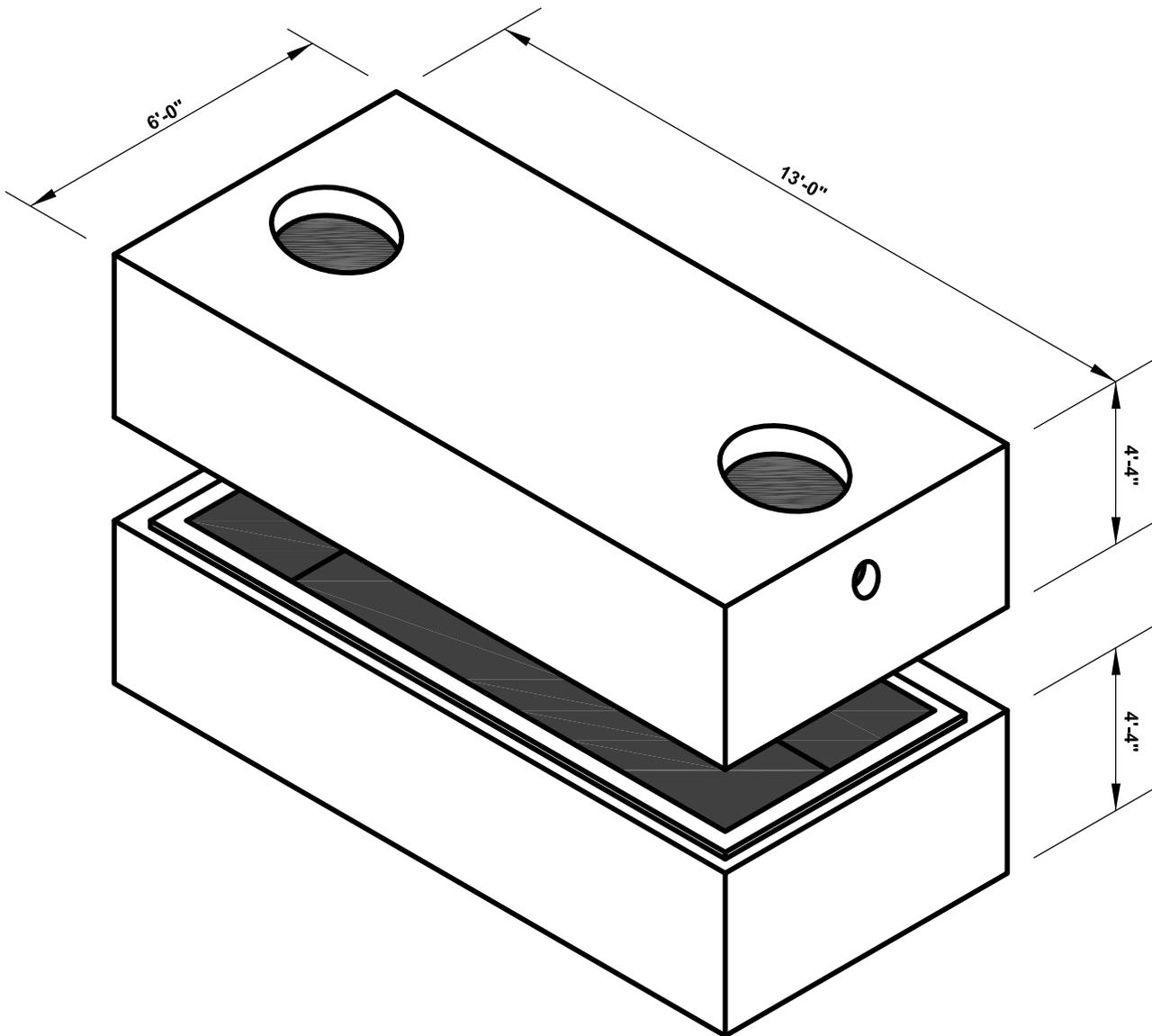
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

3,000 GALLON SEPTIC TANK **INTERIOR DIMENSIONS 12'X5'X7'-8"**



APPROX. WEIGHTS:
TOP: 15,300 LB
BASE: 16,300 LB

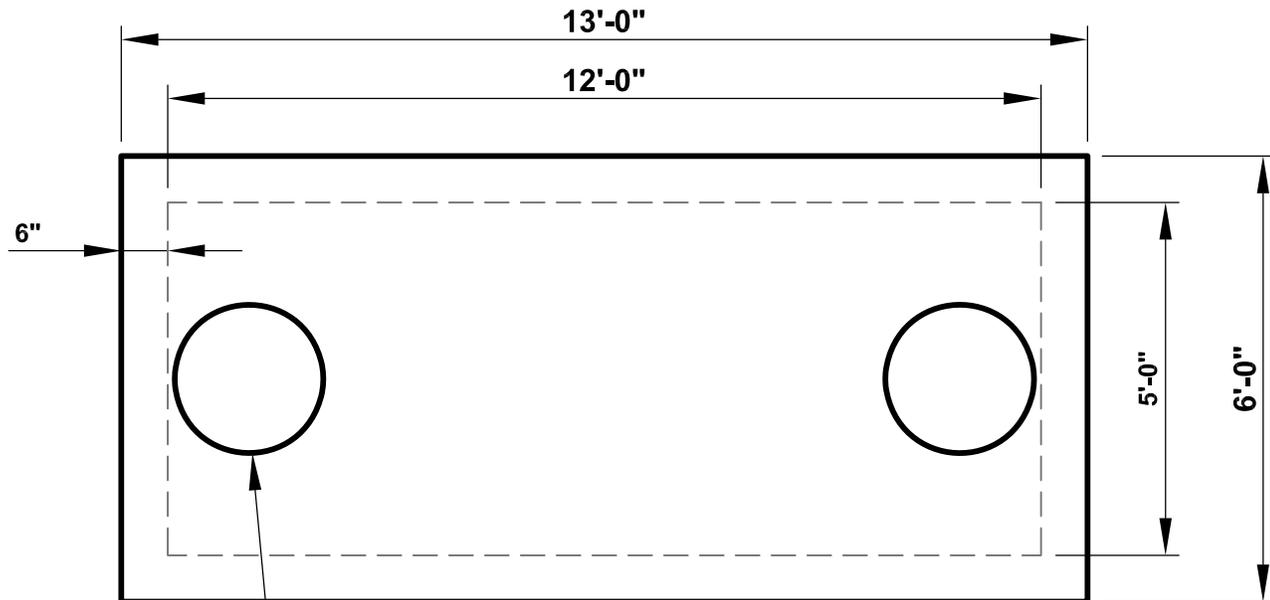
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CERTIFIED PLANT

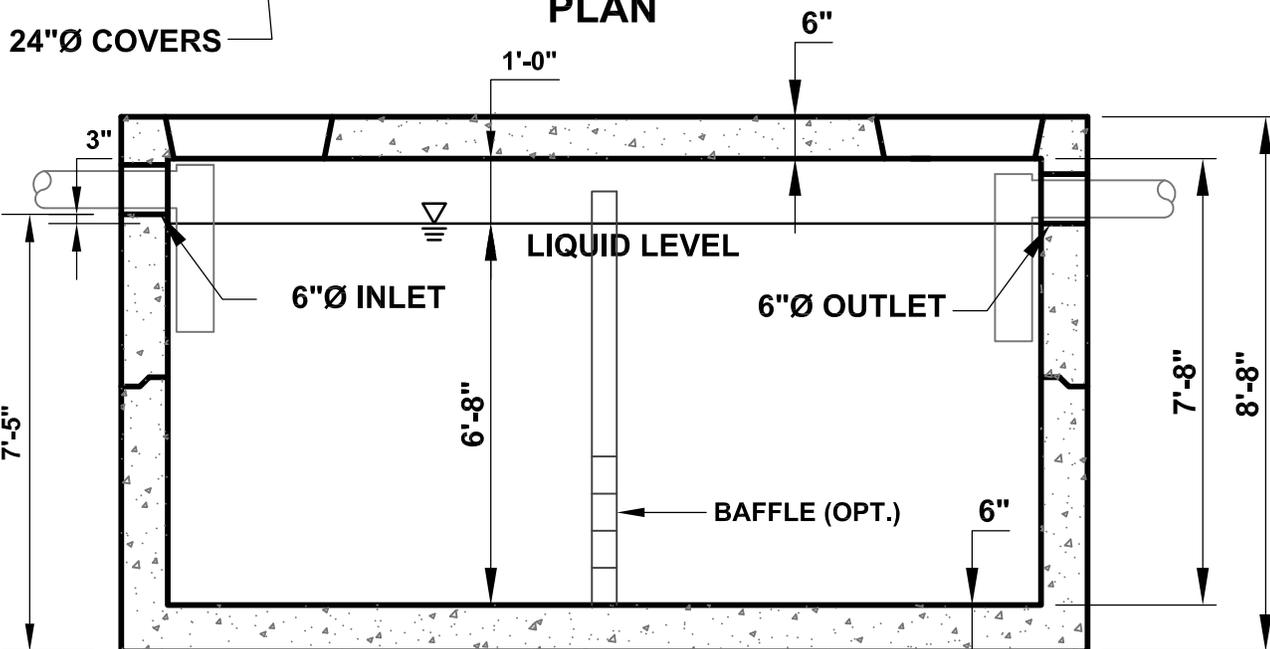
DURASTONE

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3,000 GALLON SEPTIC TANK



PLAN



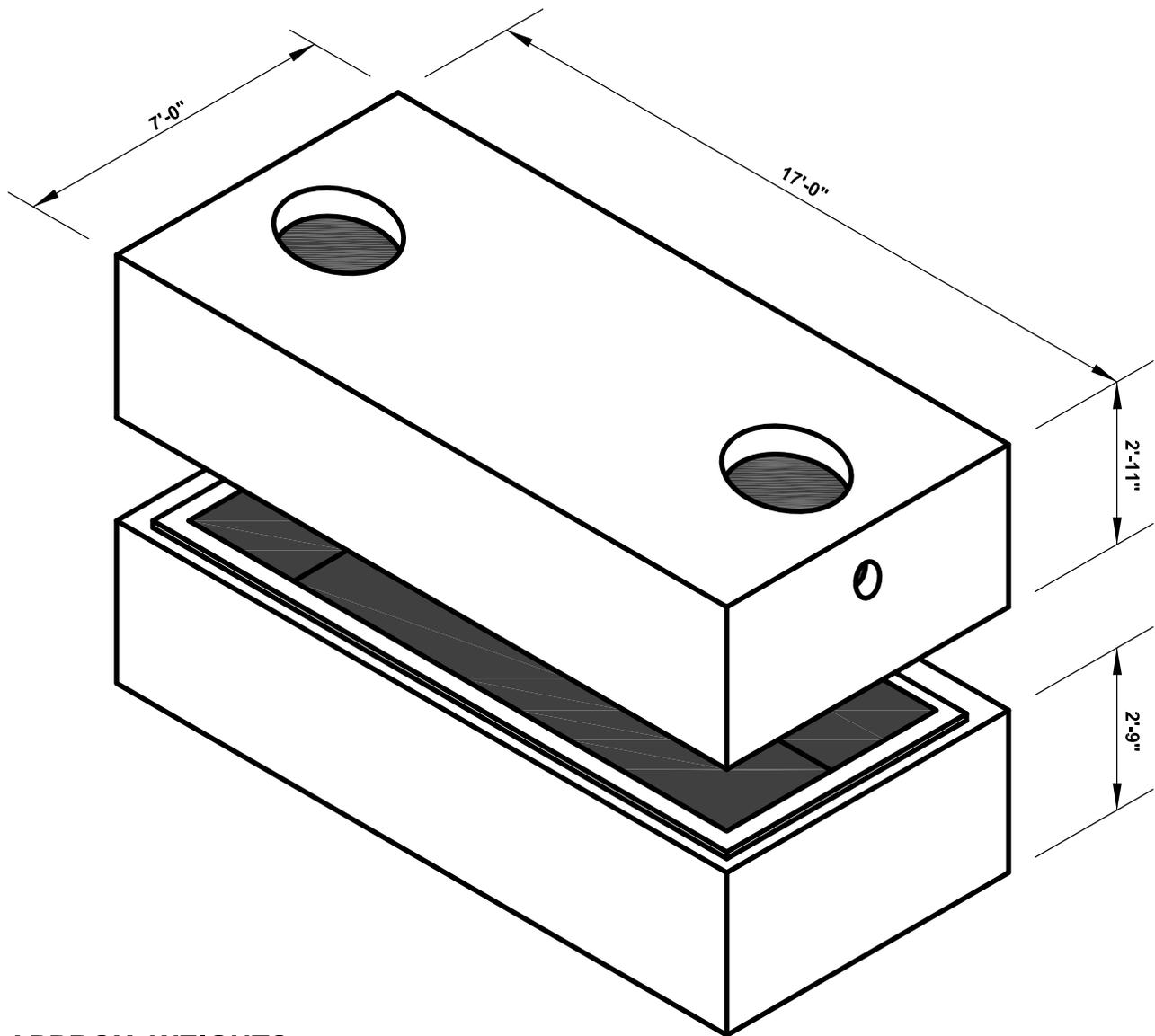
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

2,500 GALLON SEPTIC TANK **INTERIOR DIMENSIONS 16'x6'x4'-6"**



APPROX. WEIGHTS:
TOP: 19,600 LB
BASE: 16,700 LB

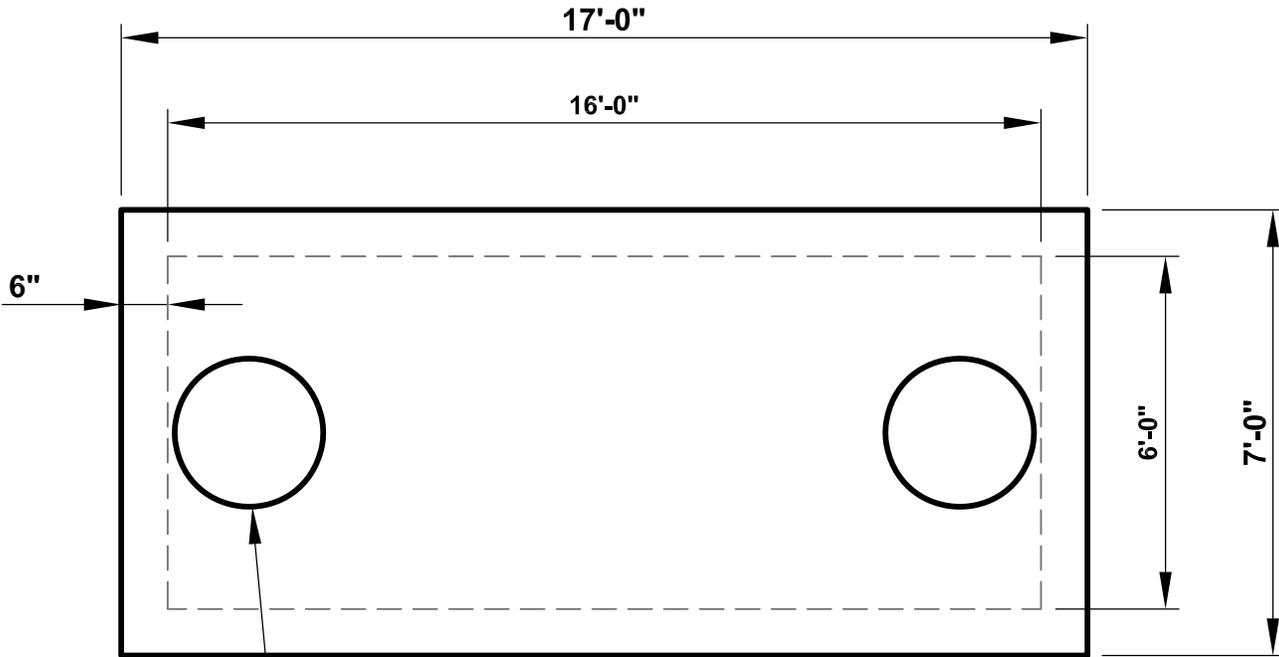
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

DURASTONE

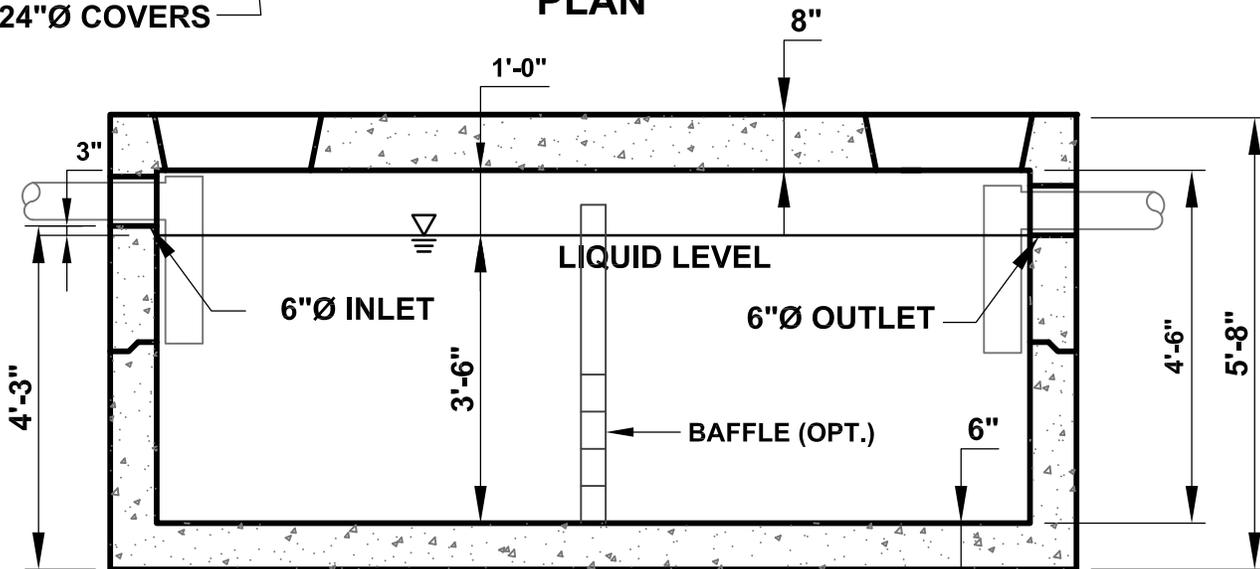
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2,500 GALLON SEPTIC TANK



24"Ø COVERS

PLAN



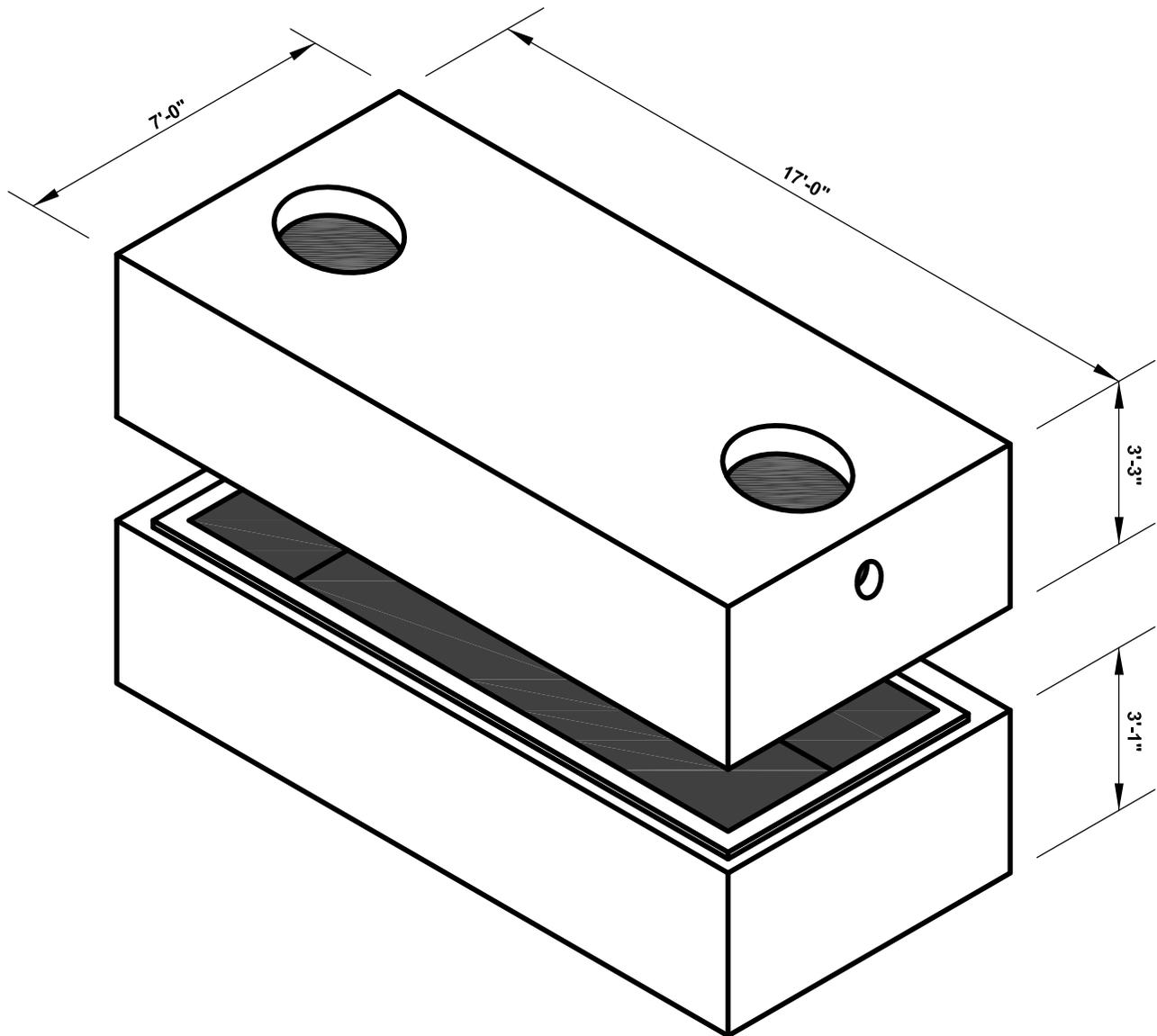
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

3,000 GALLON SEPTIC TANK INTERIOR DIMENSIONS 16'X6'X5'-2"



APPROX. WEIGHTS:
TOP: 19,800 LB
BASE: 17,900 LB

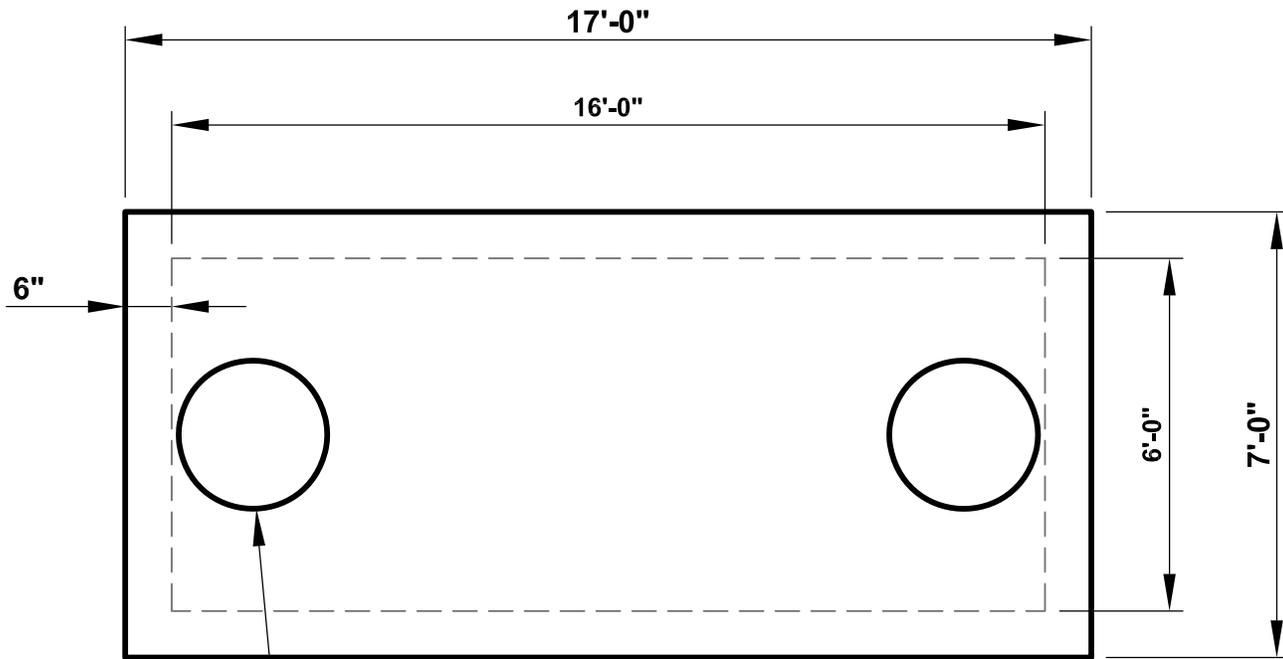
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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CERTIFIED PLANT

DURASTONE

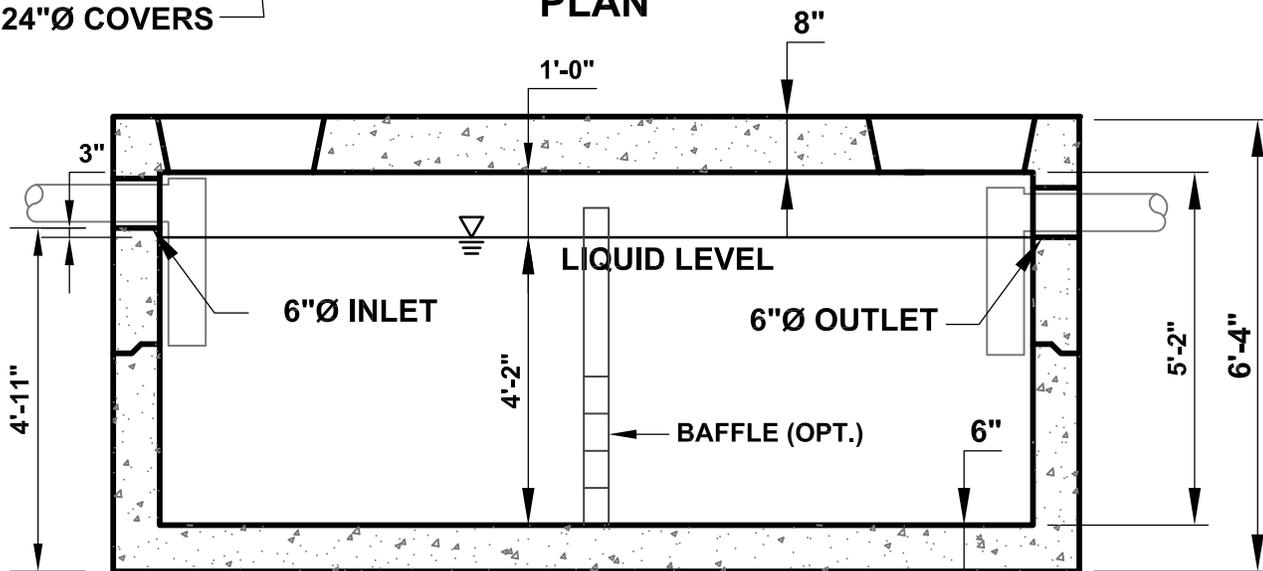
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

3,000 GALLON SEPTIC TANK



24"Ø COVERS

PLAN



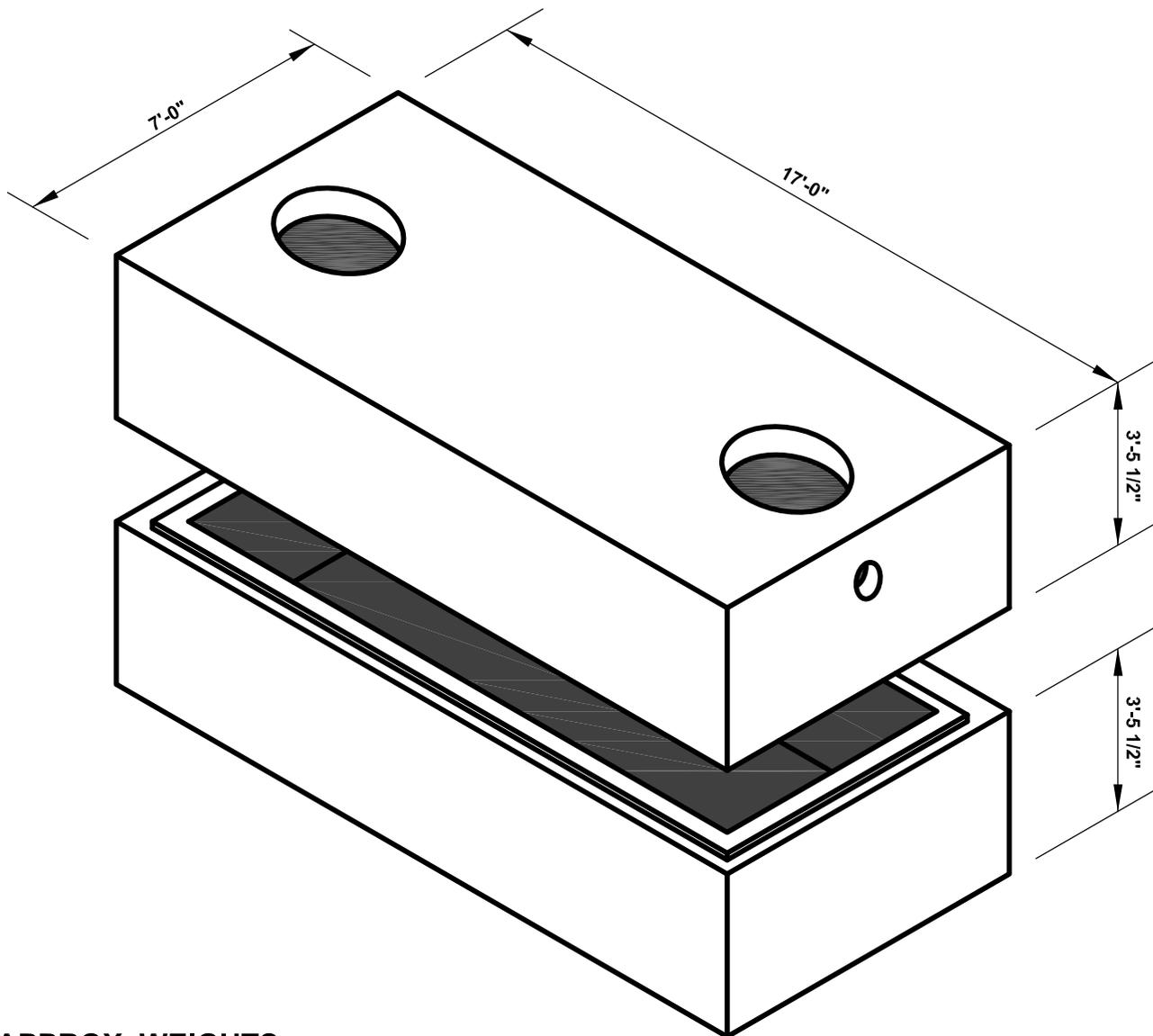
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

3,500 GALLON SEPTIC TANK **INTERIOR DIMENSIONS 16'X6'X5'-11"**



APPROX. WEIGHTS:
TOP: 21,000 LB
BASE: 19,100 LB

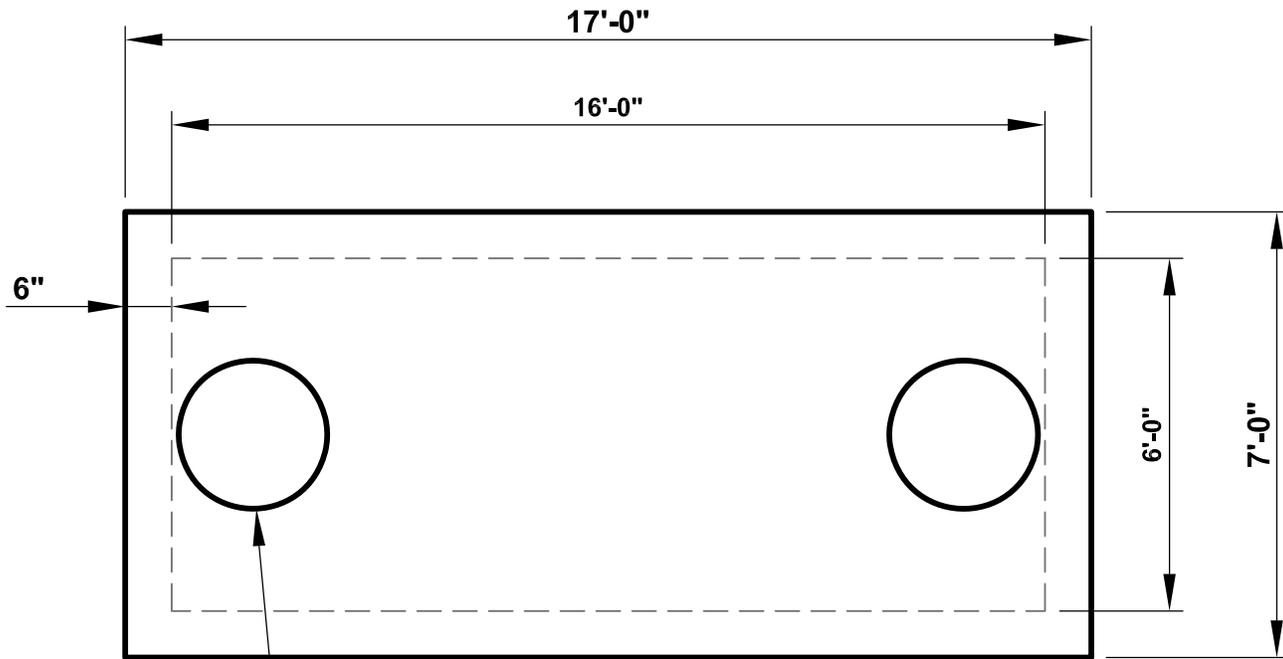
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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CERTIFIED PLANT

DURASTONE

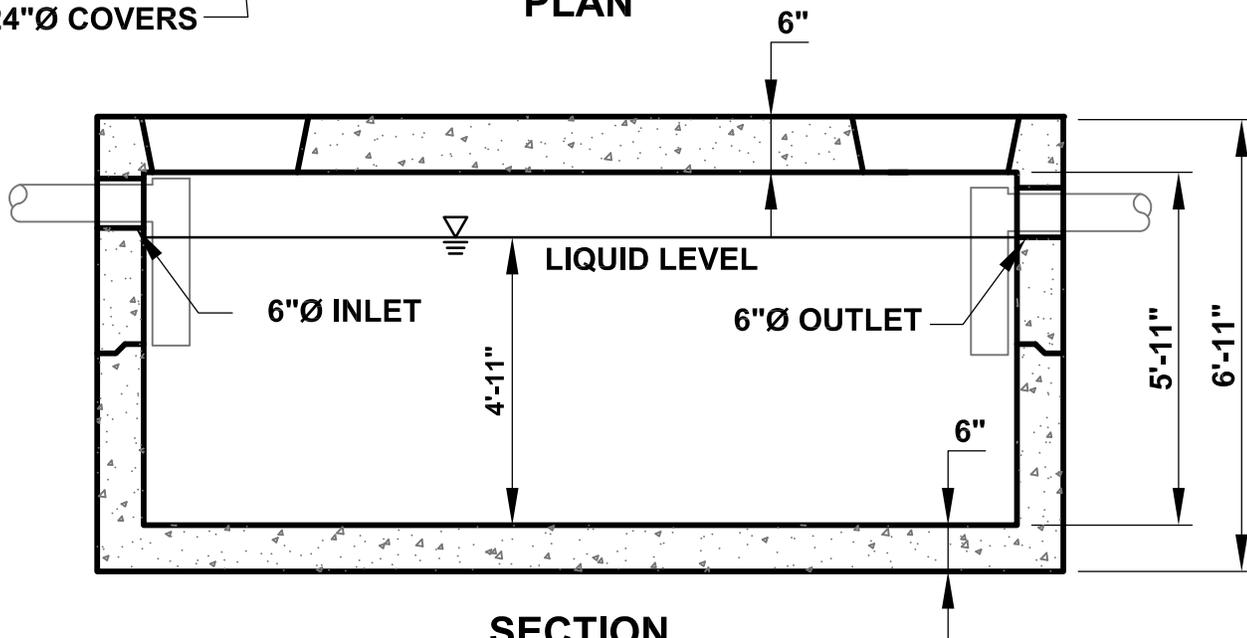
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

3,500 GALLON SEPTIC TANK



24"Ø COVERS

PLAN



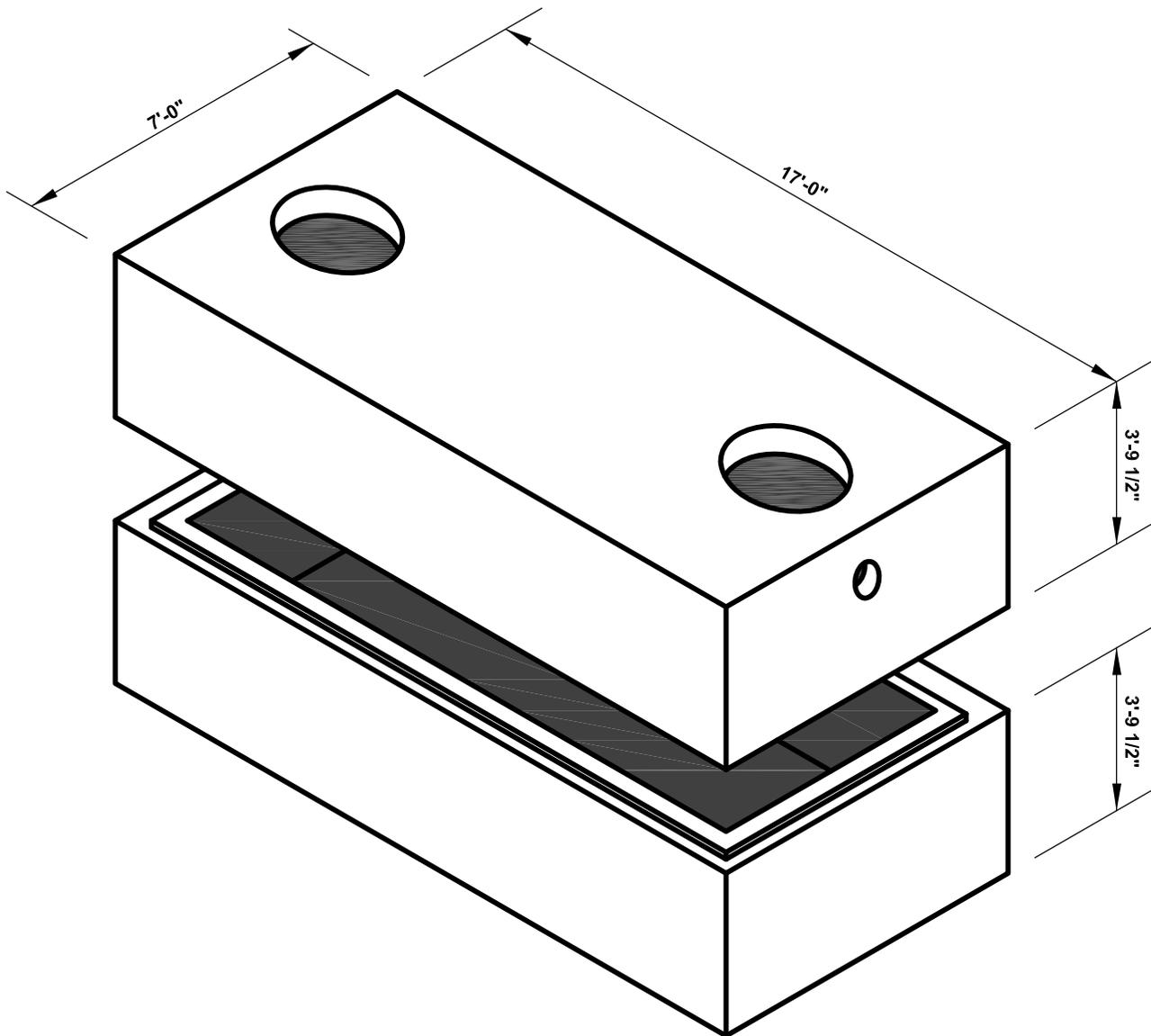
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

4,000 GALLON SEPTIC TANK INTERIOR DIMENSIONS 16'X6'X6'-7"



APPROX. WEIGHTS:
TOP: 22,200 LB
BASE: 20,300 LB

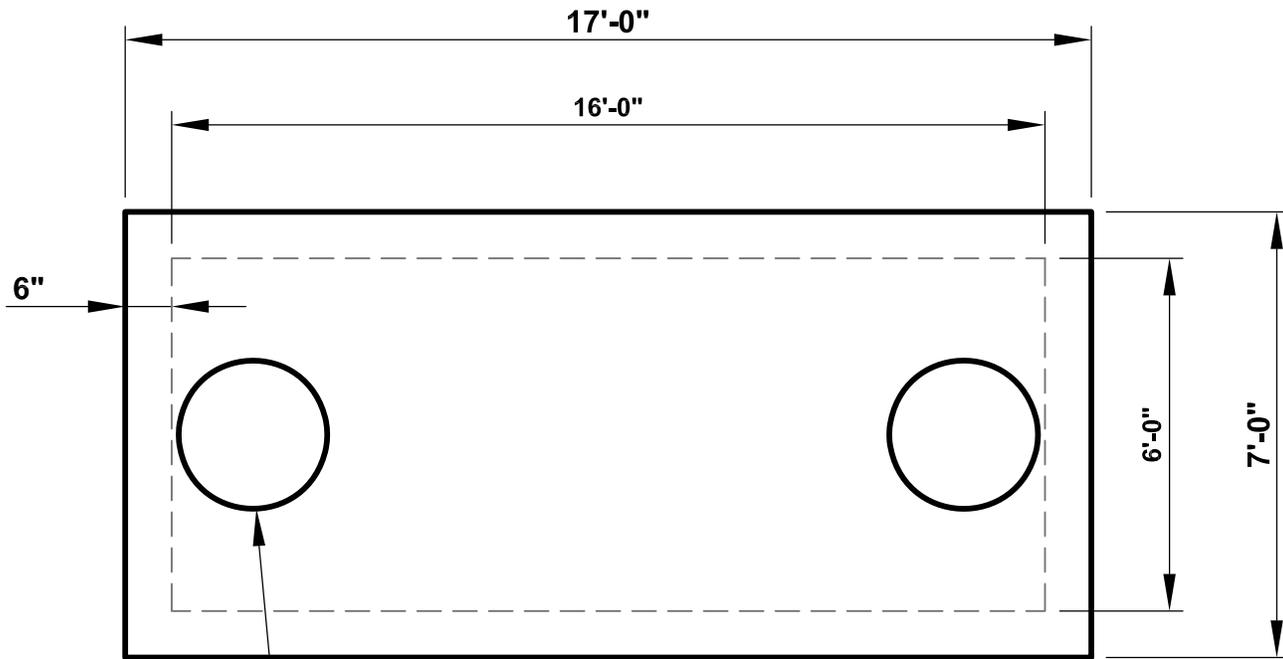
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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CERTIFIED PLANT

DURASTONE

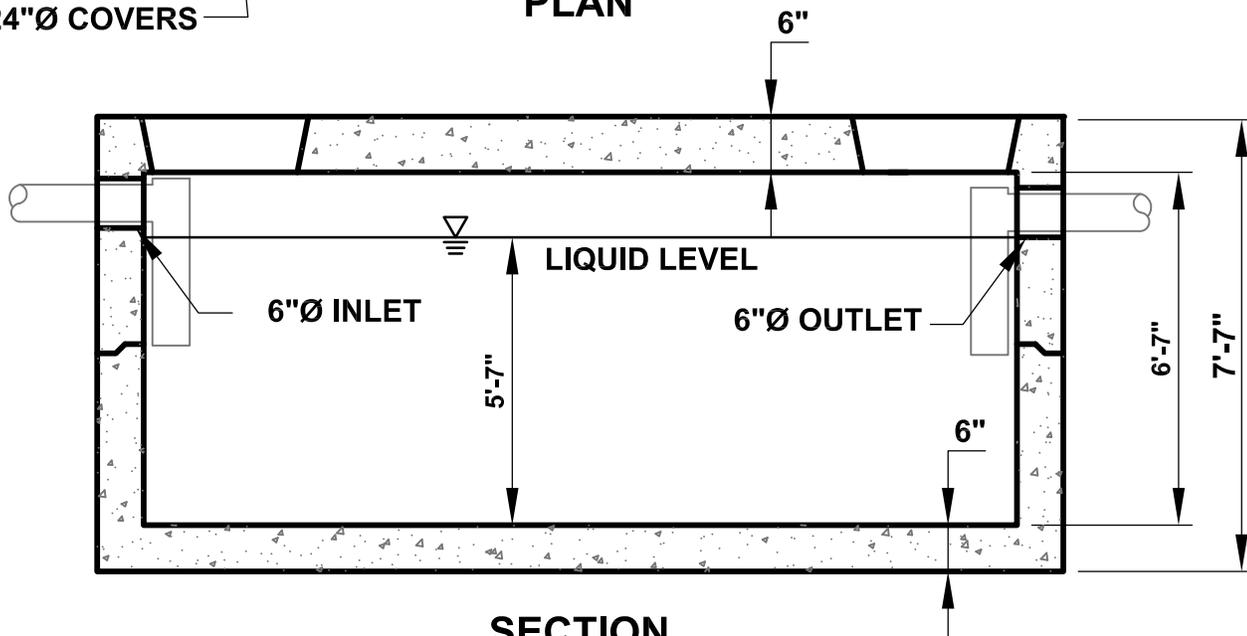
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

4,000 GALLON SEPTIC TANK



24"Ø COVERS

PLAN



SECTION

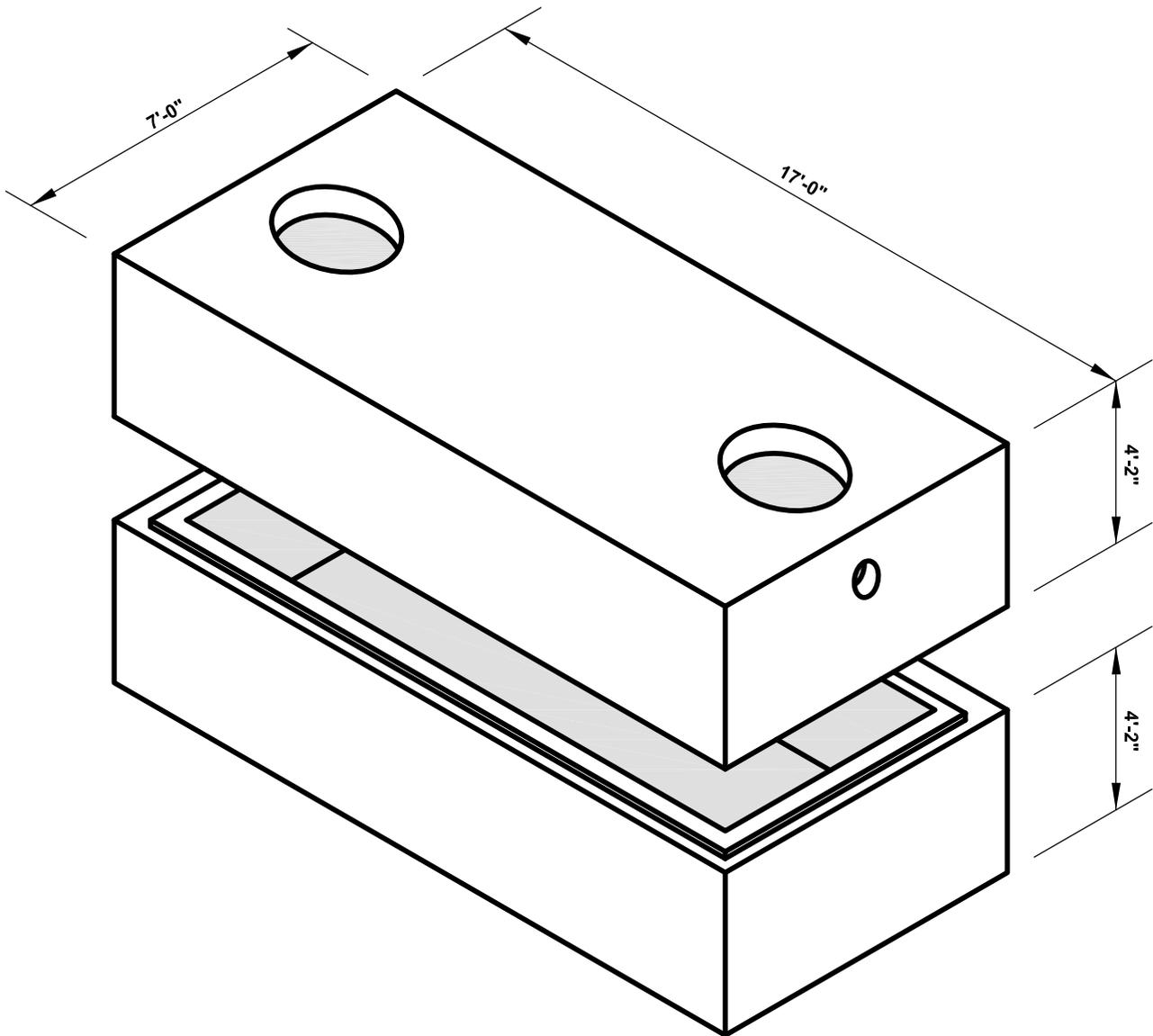
STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

4,500 GALLON SEPTIC TANK

INTERIOR DIMENSIONS 16'x6'x7'-4"



APPROX. WEIGHTS:

TOP: 23,500 LB

BASE: 21,600 LB

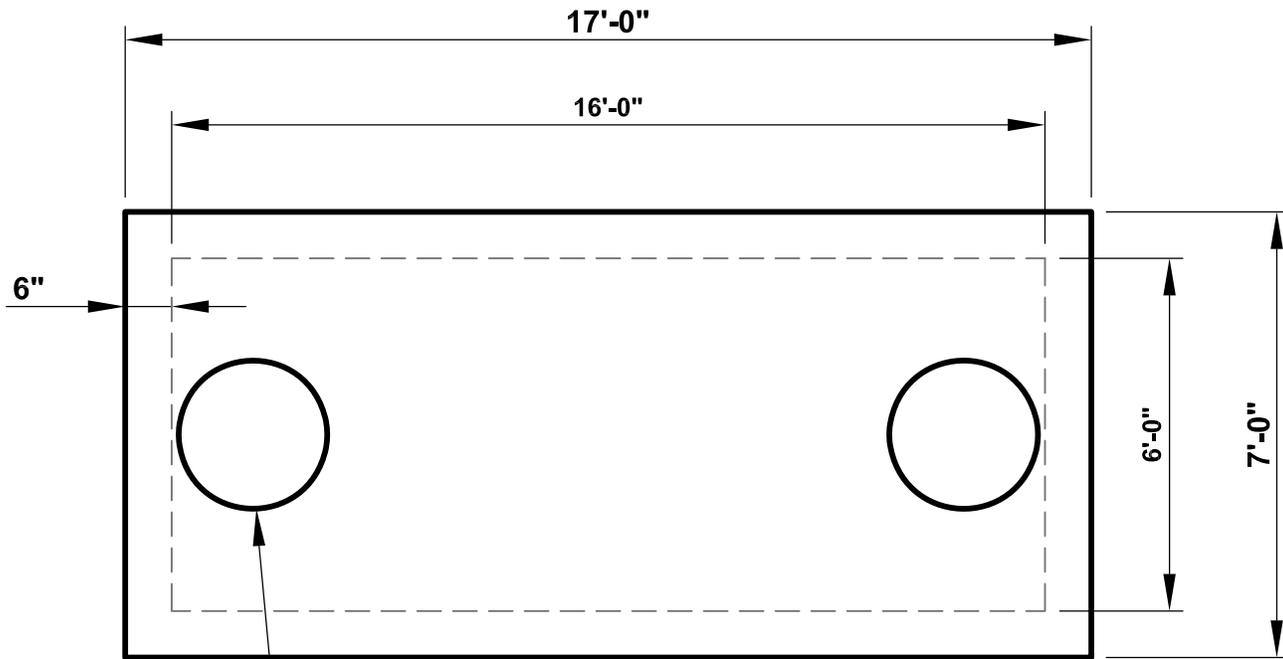
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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CERTIFIED PLANT

DURASTONE

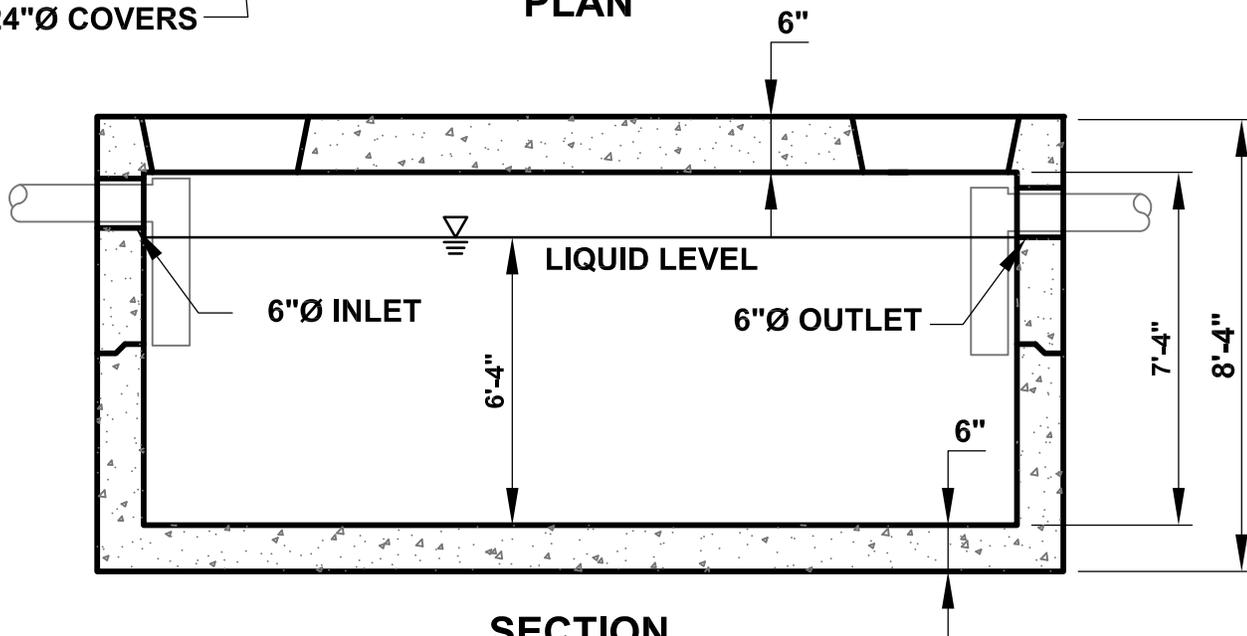
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

4,500 GALLON SEPTIC TANK



24"Ø COVERS

PLAN



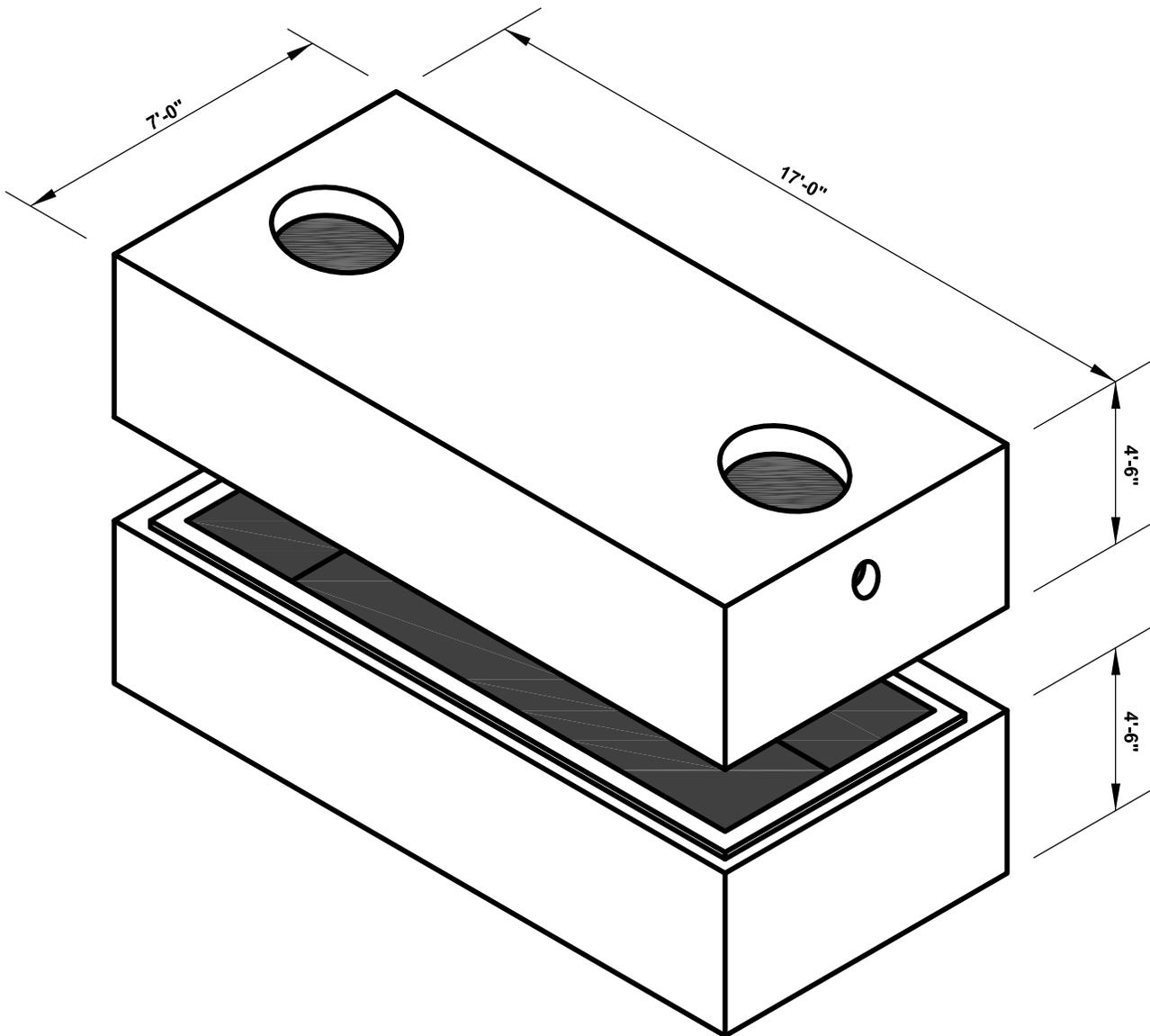
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

5,000 GALLON SEPTIC TANK INTERIOR DIMENSIONS 16'X6'X8'-0"



APPROX. WEIGHTS:
TOP: 24,600 LB
BASE: 22,700 LB

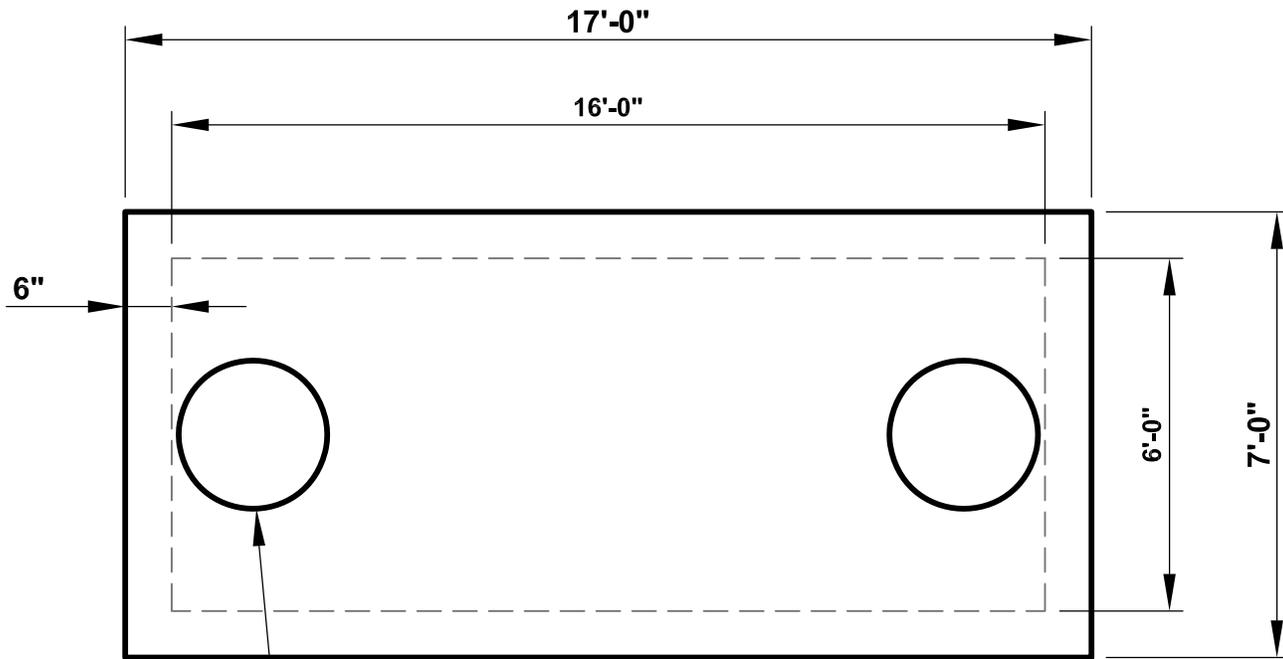
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NPCA
CERTIFIED PLANT

DURASTONE

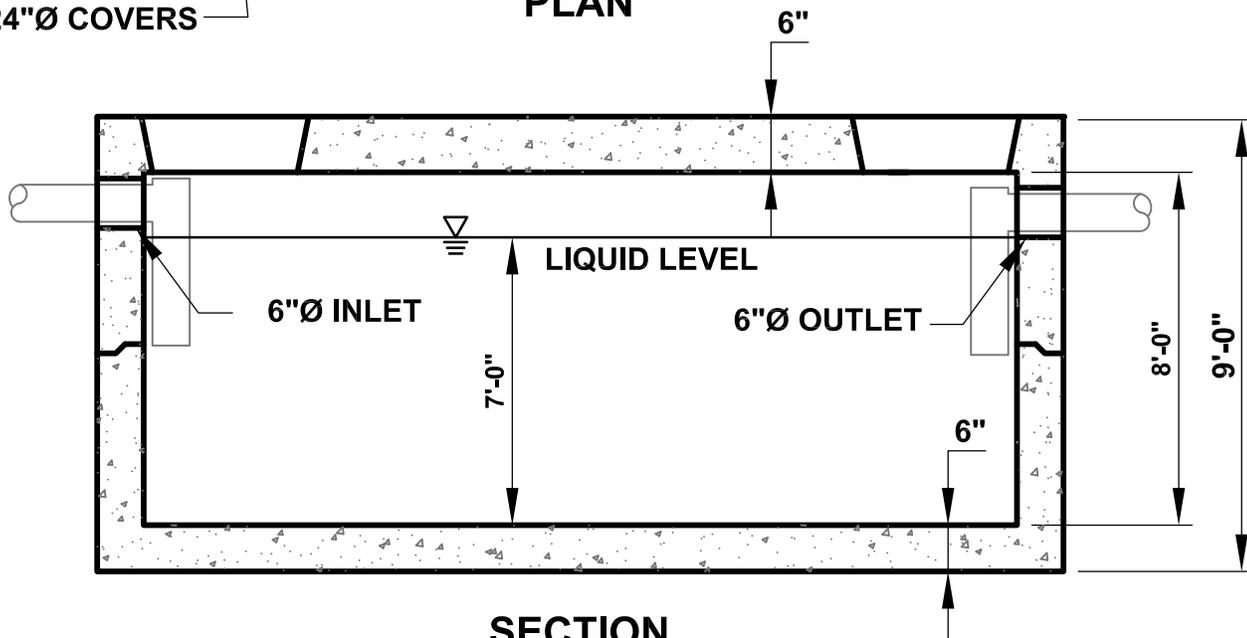
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5,000 GALLON SEPTIC TANK



24"Ø COVERS

PLAN



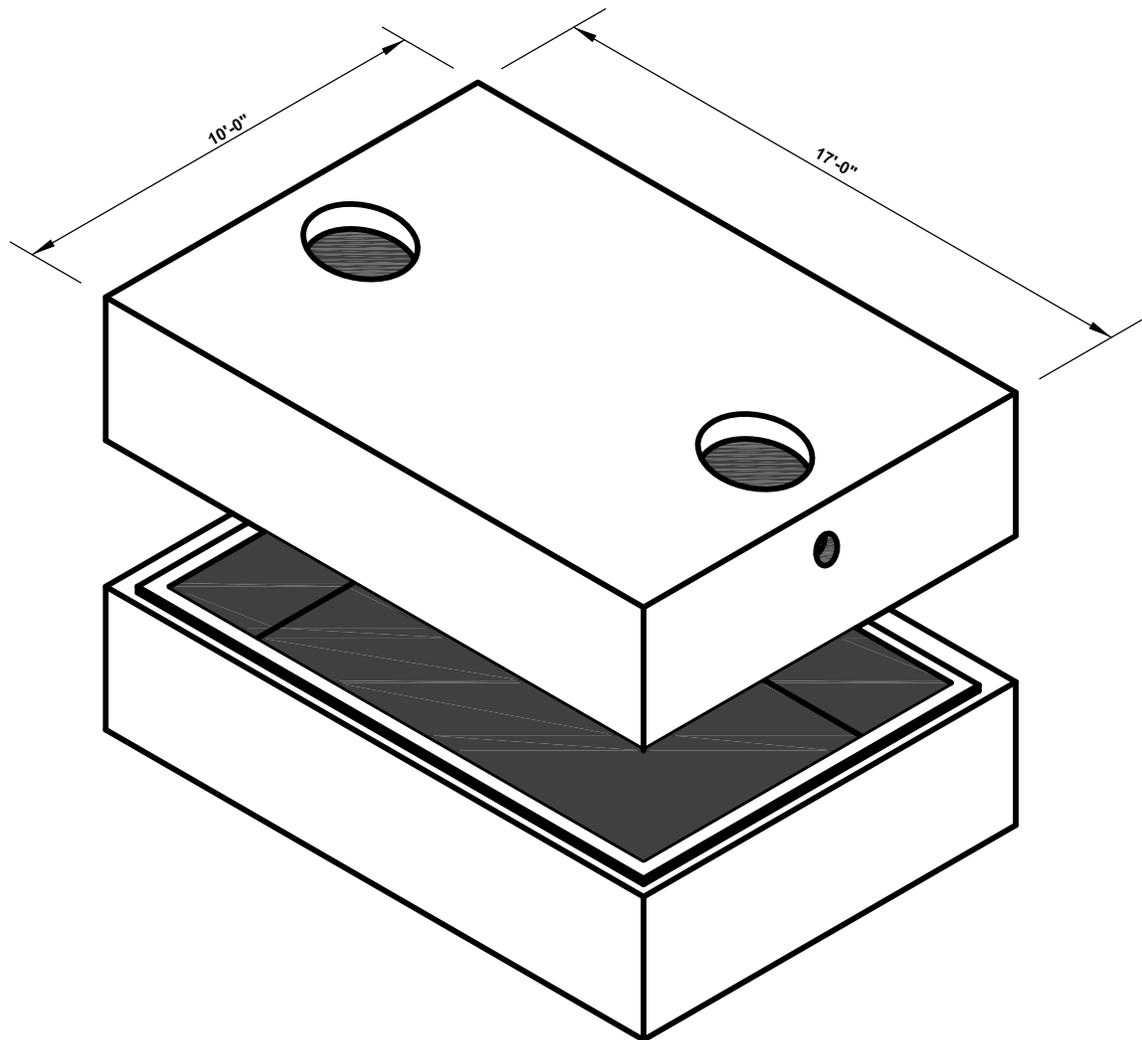
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

5,000 GALLON SEPTIC TANK **INTERIOR DIMENSIONS 16'x9'x5'-8"**



APPROX. WEIGHTS:
TOP: 29,500 LB
BASE: 23,800 LB

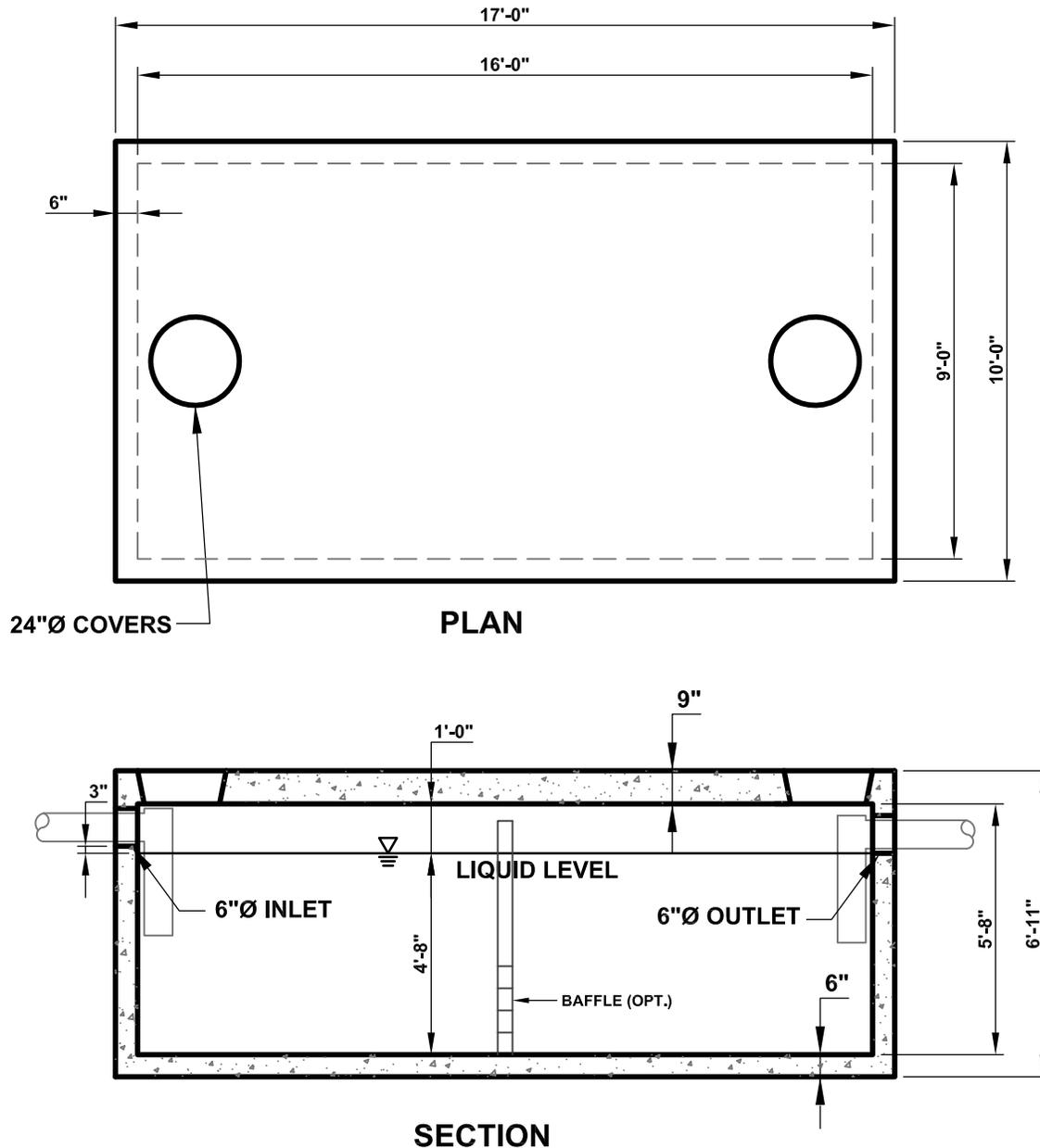
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

5,000 GALLON SEPTIC TANK

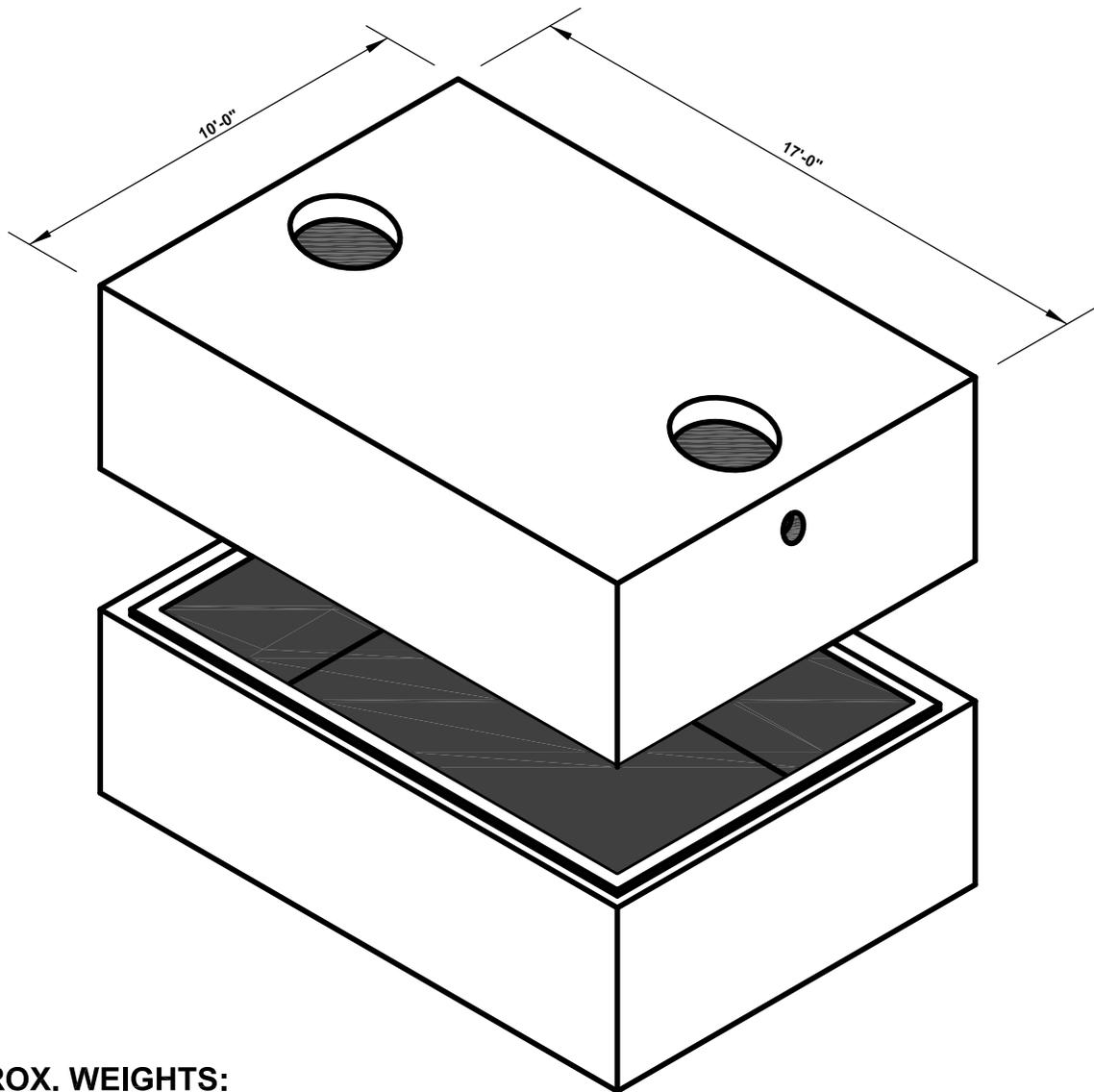


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

6,000 GALLON SEPTIC TANK **INTERIOR DIMENSIONS 16'x9'x6'-7"**



APPROX. WEIGHTS:
TOP: 31,300 LB
BASE: 25,600 LB

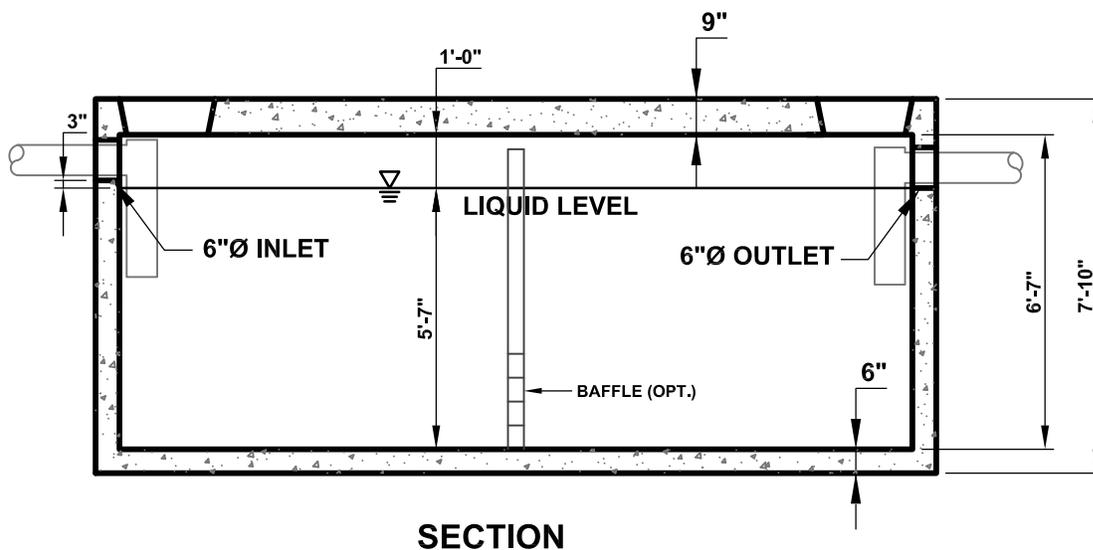
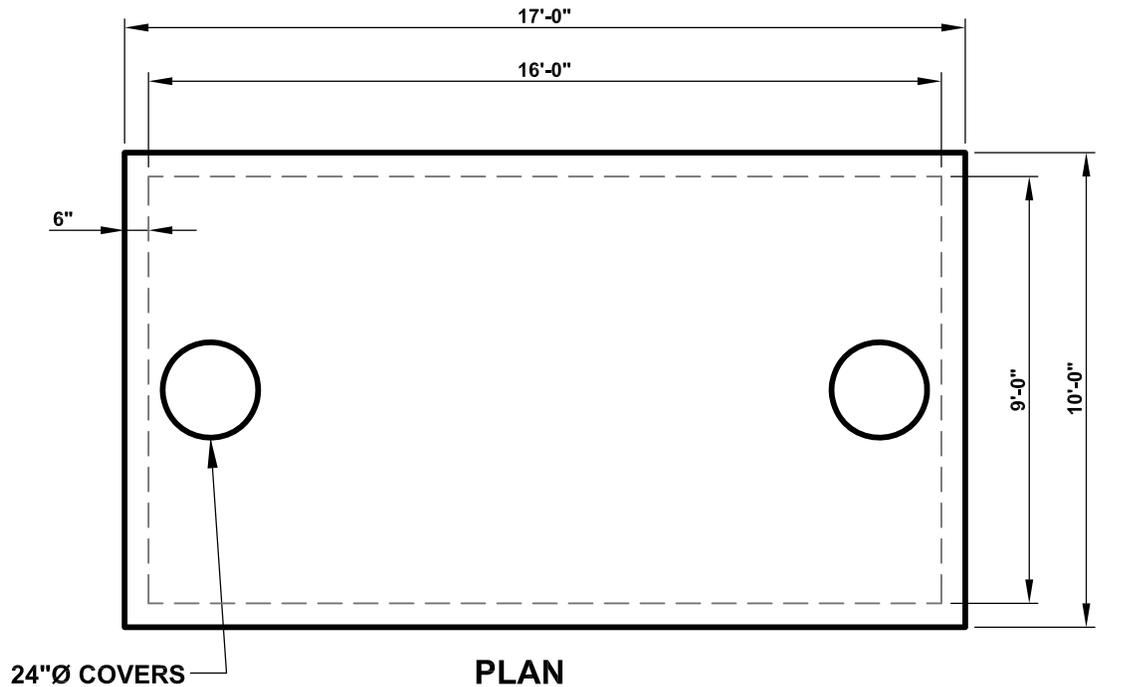
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DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

6,000 GALLON SEPTIC TANK

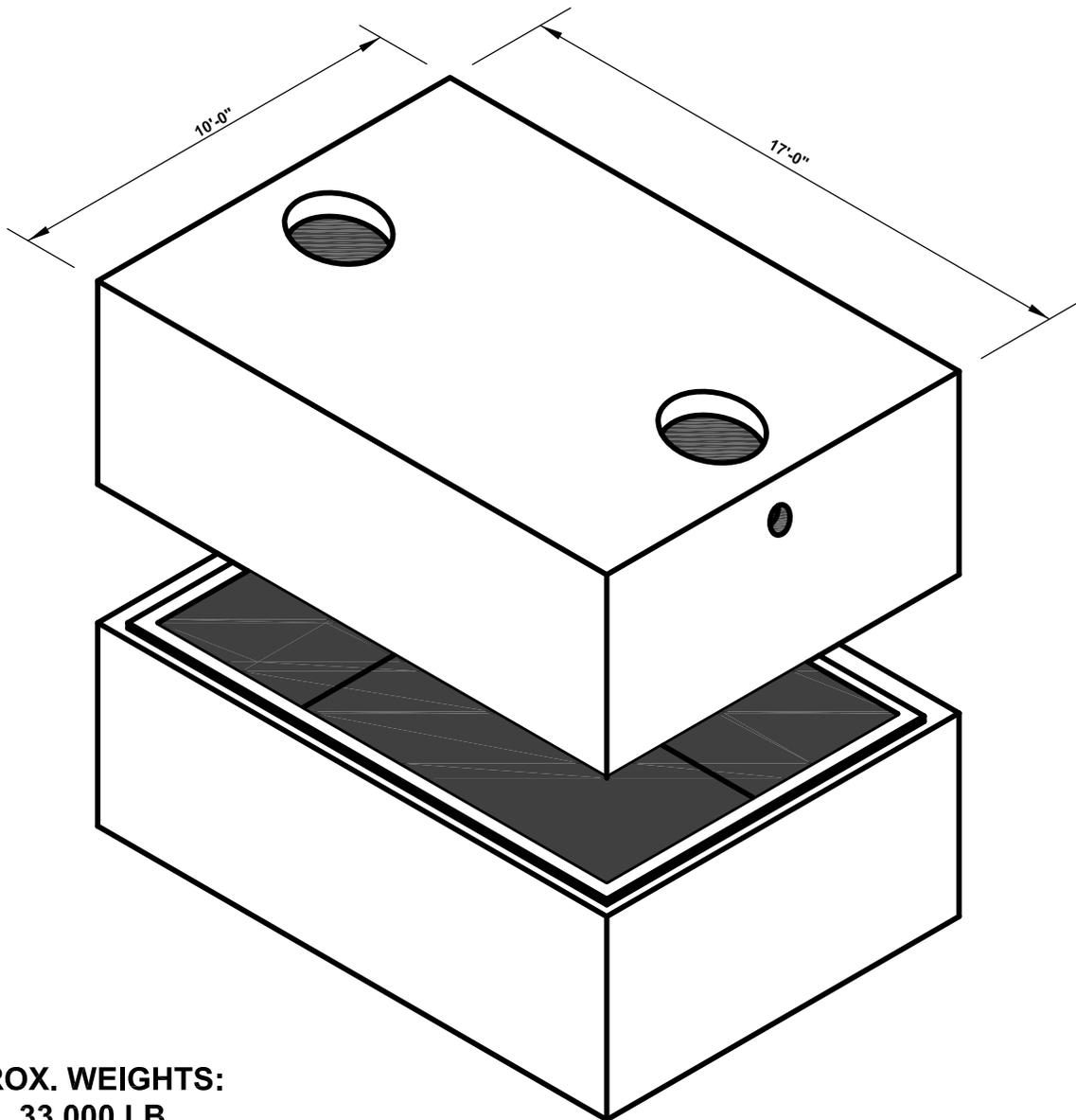


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

7,000 GALLON SEPTIC TANK **INTERIOR DIMENSIONS 16'x9'x7'-6"**



APPROX. WEIGHTS:
TOP: 33,000 LB
BASE: 27,400 LB

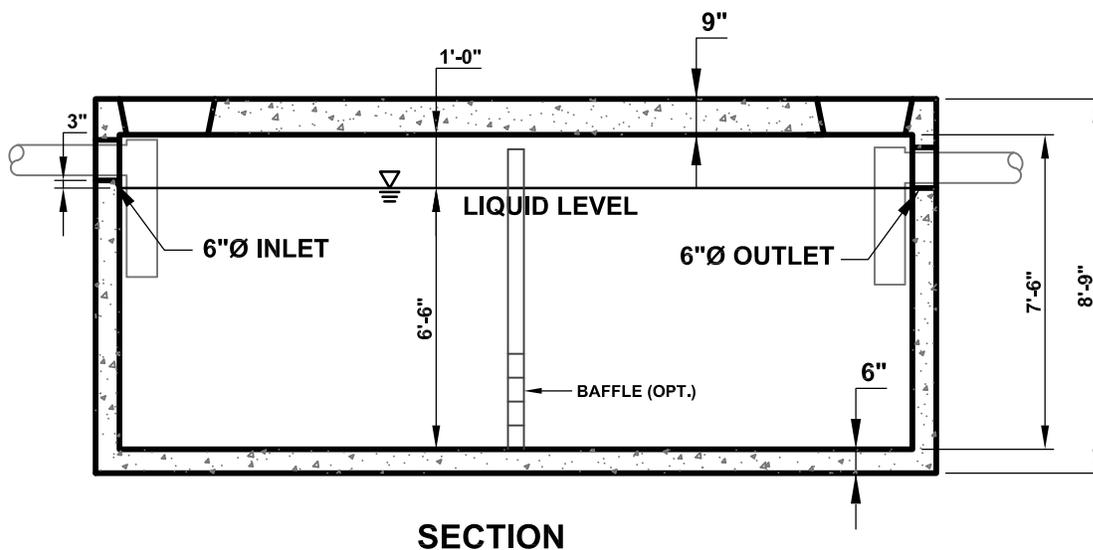
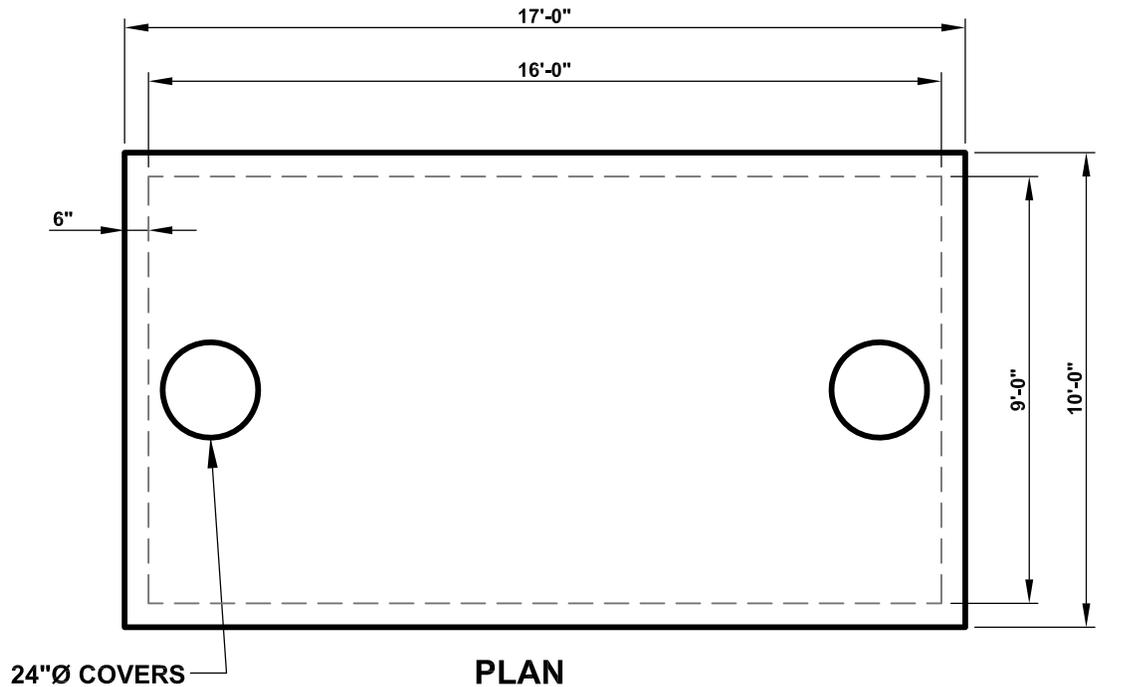
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CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

7,000 GALLON SEPTIC TANK

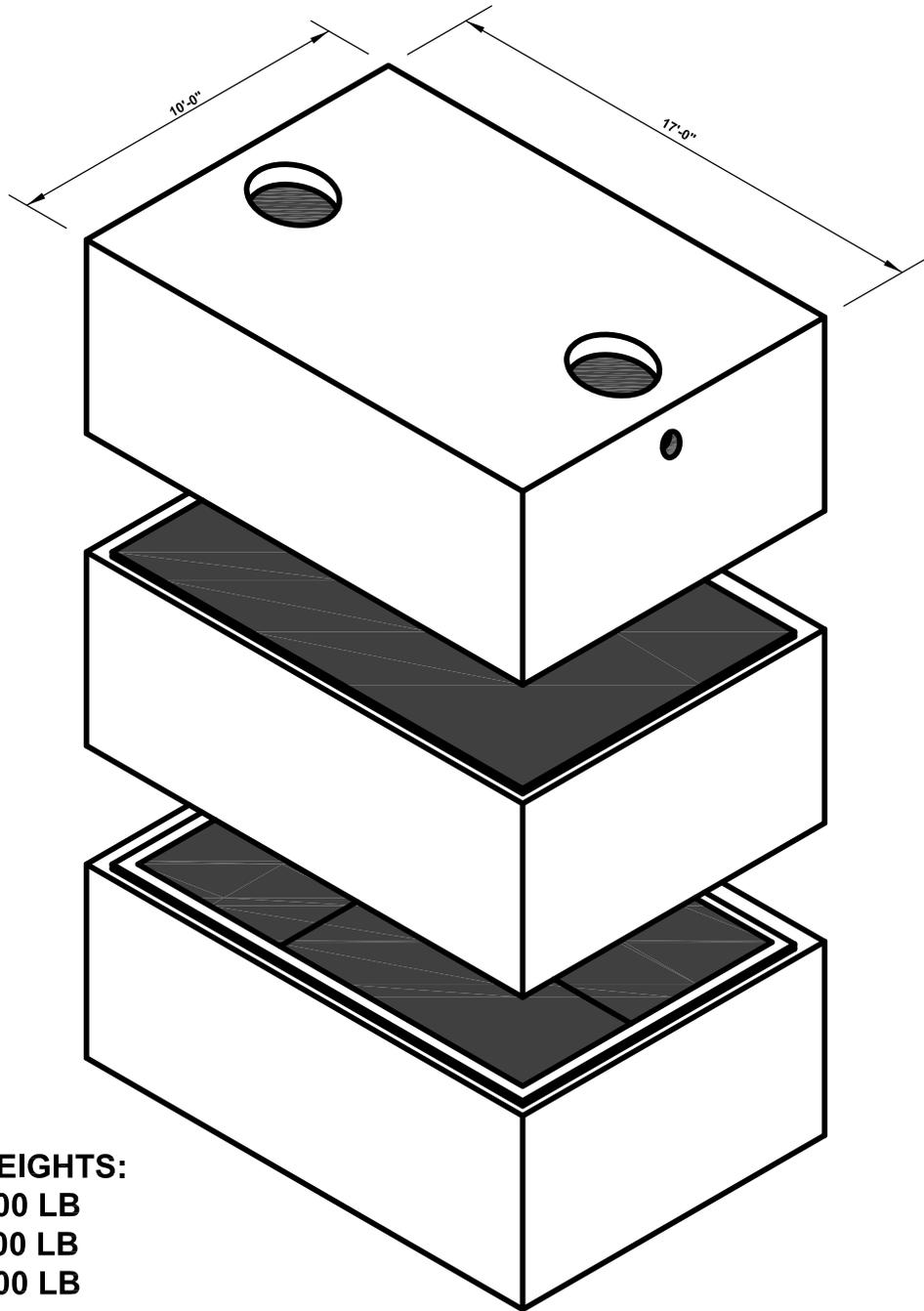


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

8,000 GALLON SEPTIC TANK **INTERIOR DIMENSIONS 16'x9'x8'-5"**



APPROX. WEIGHTS:
TOP: 29,400 LB
RISER: 10,900 LB
BASE: 23,700 LB

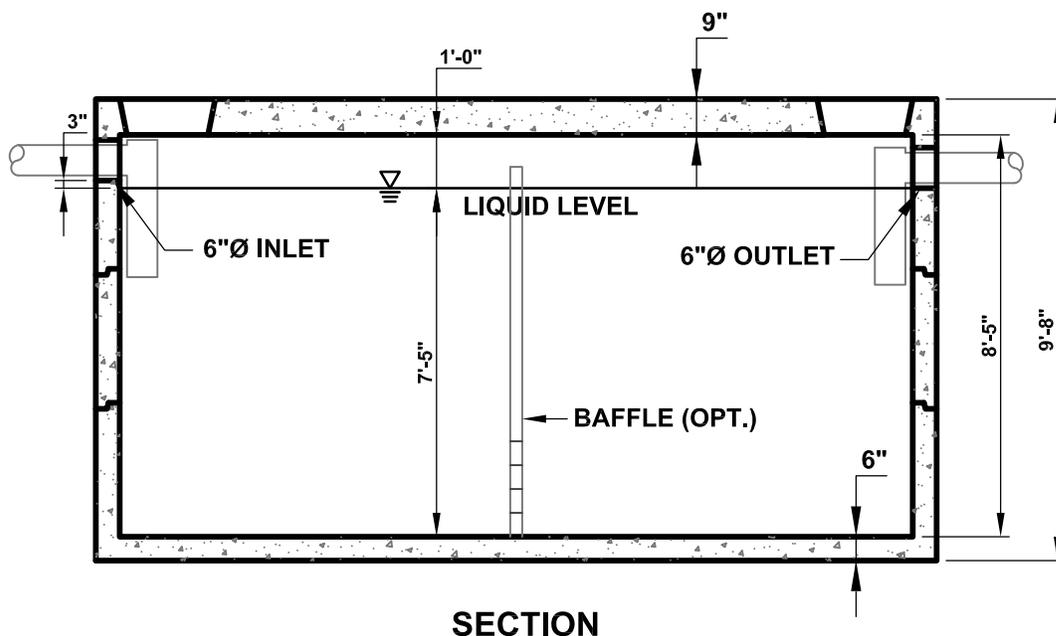
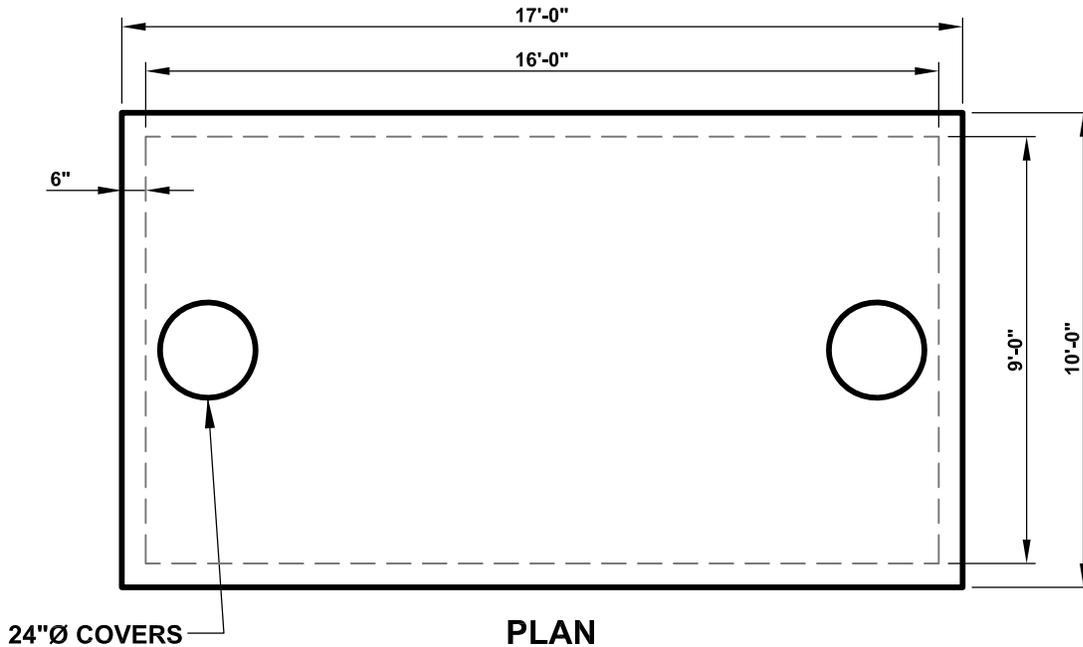
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CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

8,000 GALLON SEPTIC TANK

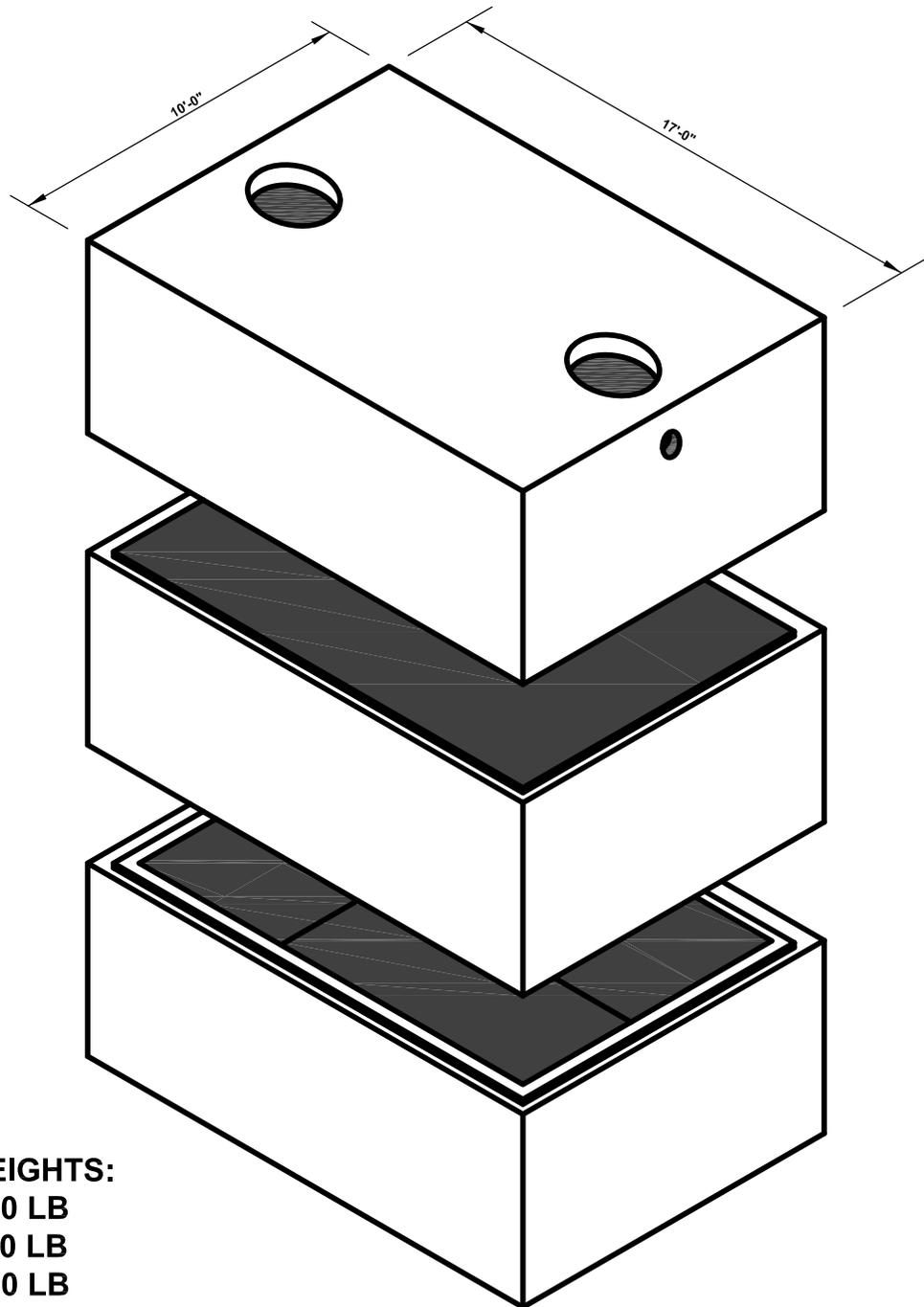


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HL93 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

9,000 GALLON SEPTIC TANK **INTERIOR DIMENSIONS 16'x9'x9'-4"**



APPROX. WEIGHTS:
TOP: 30,600 LB
RISER: 12,100 LB
BASE: 24,900 LB

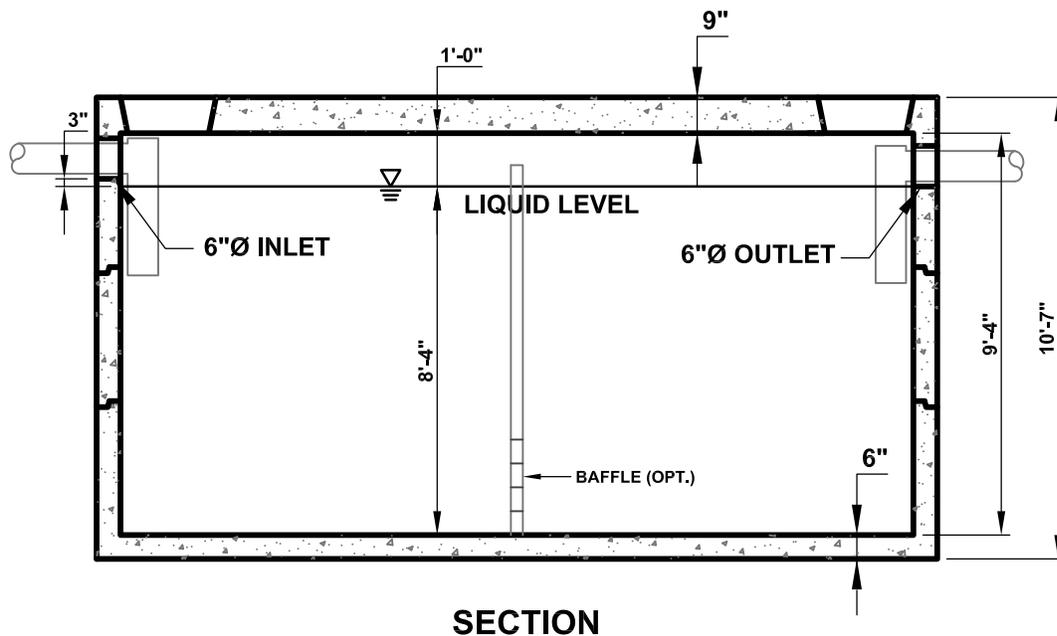
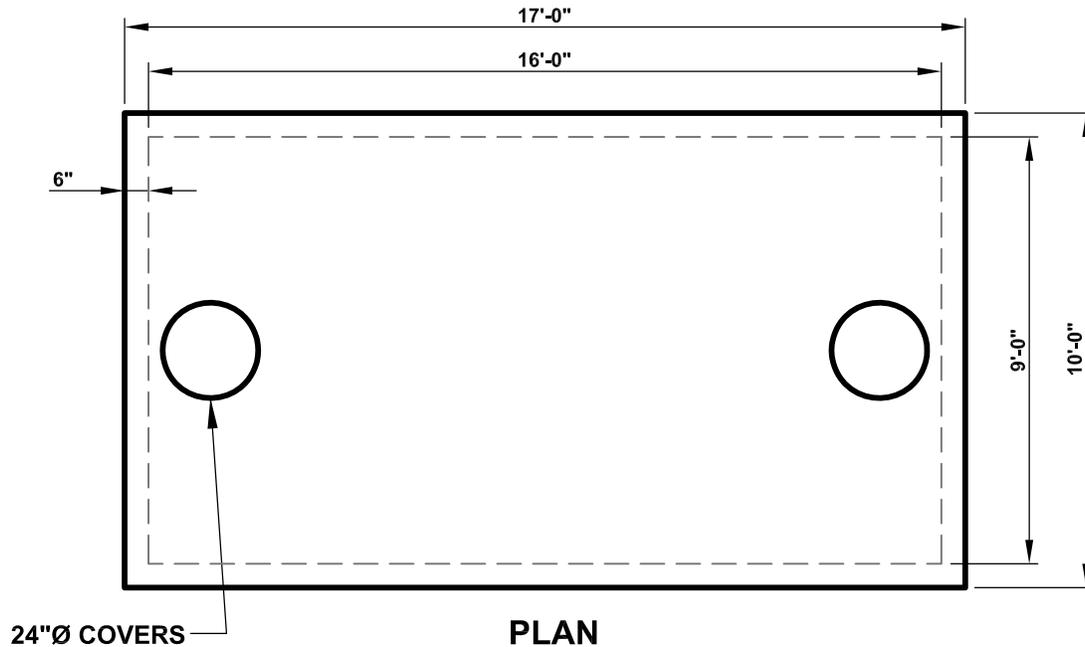
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DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

9,000 GALLON SEPTIC TANK

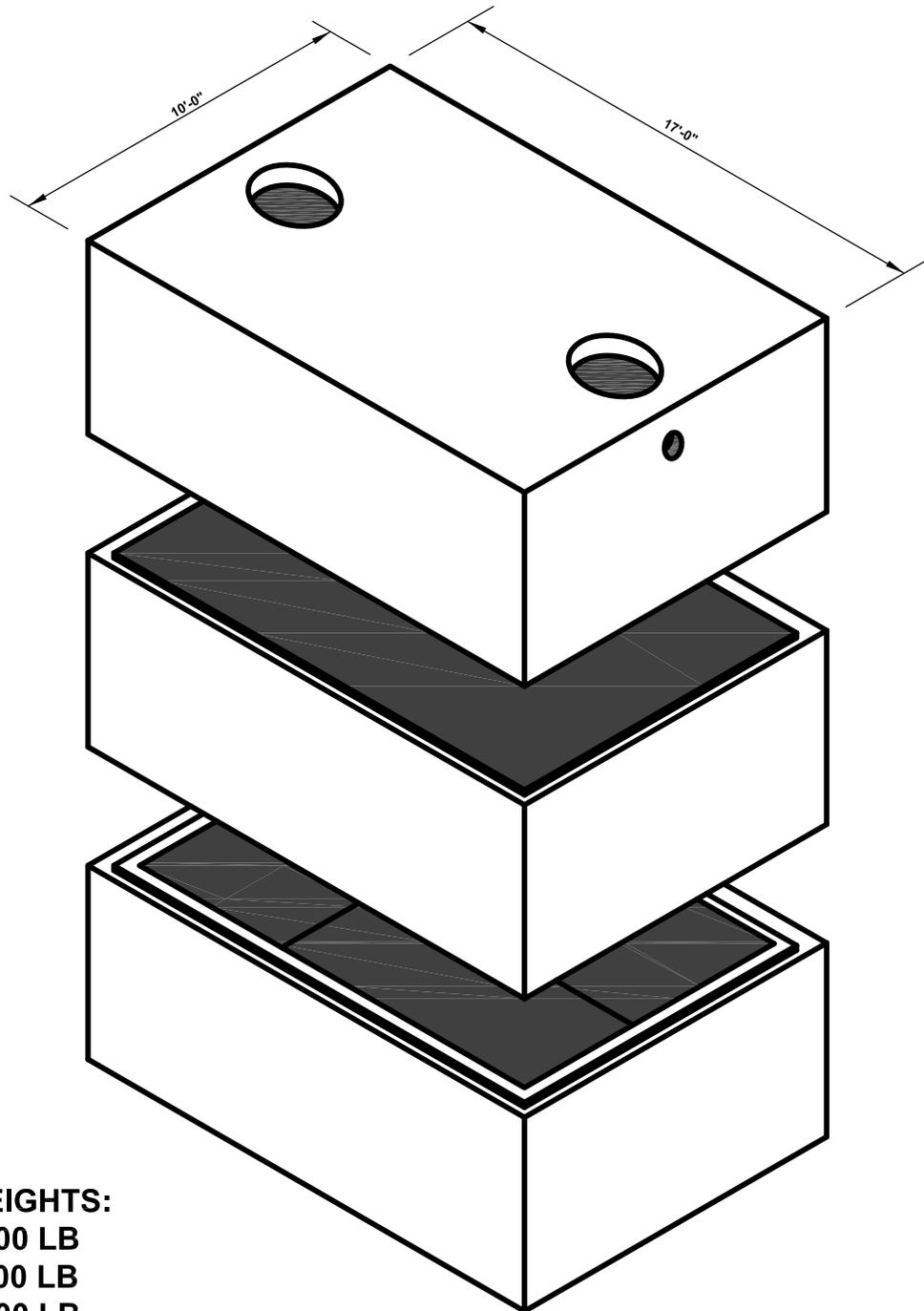


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HL93 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

10,000 GALLON SEPTIC TANK **INTERIOR DIMENSIONS 16'x9'x10'-6"**



APPROX. WEIGHTS:
TOP: 32,100 LB
RISER: 13,700 LB
BASE: 26,400 LB

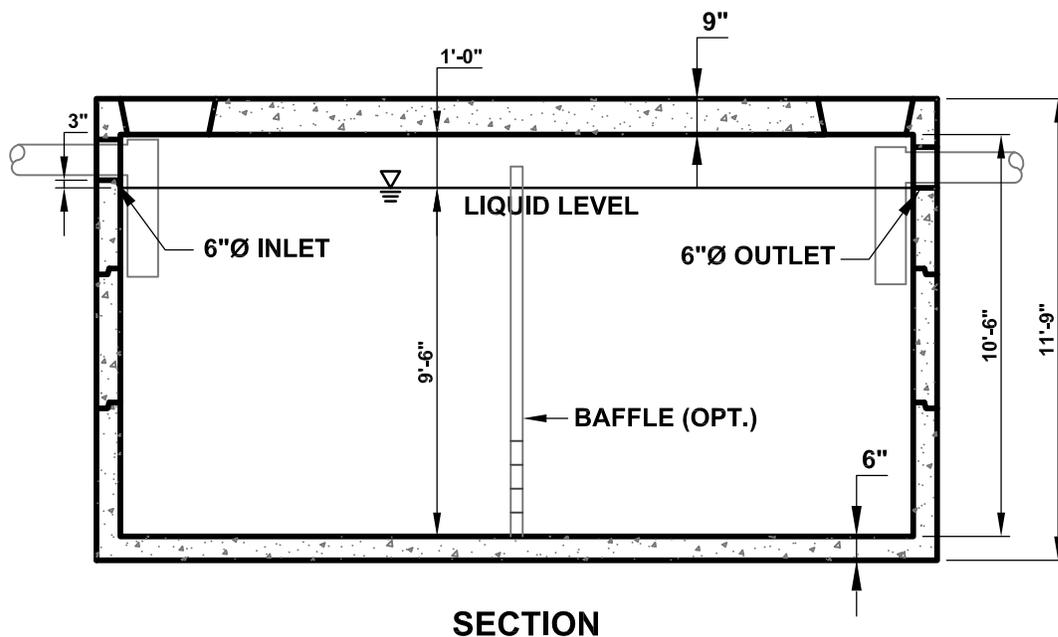
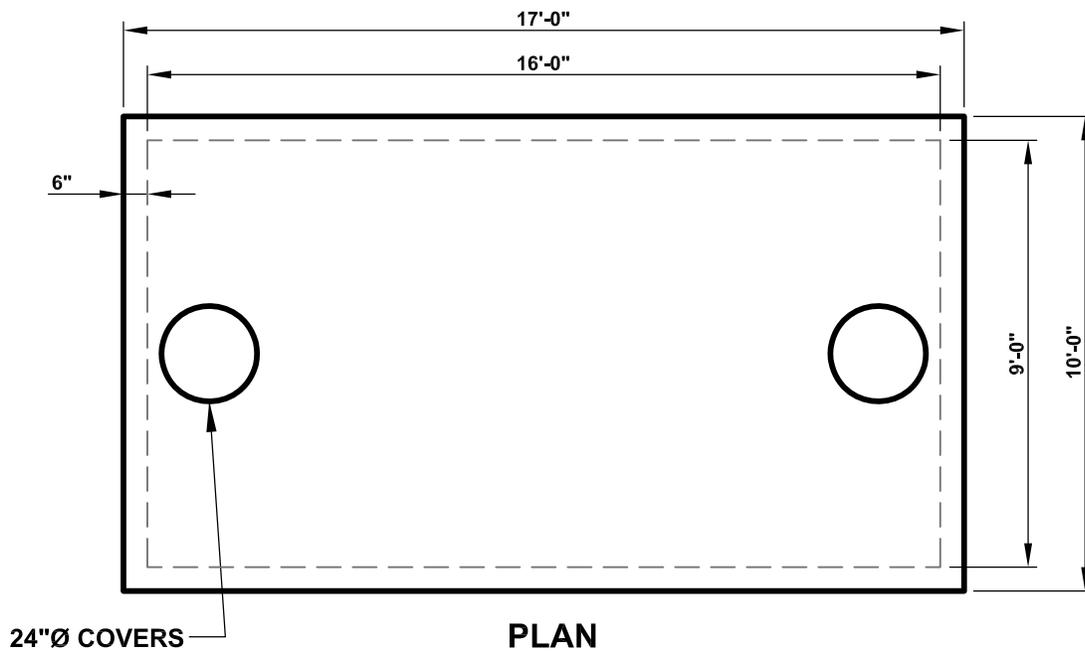
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DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

10,000 GALLON SEPTIC TANK

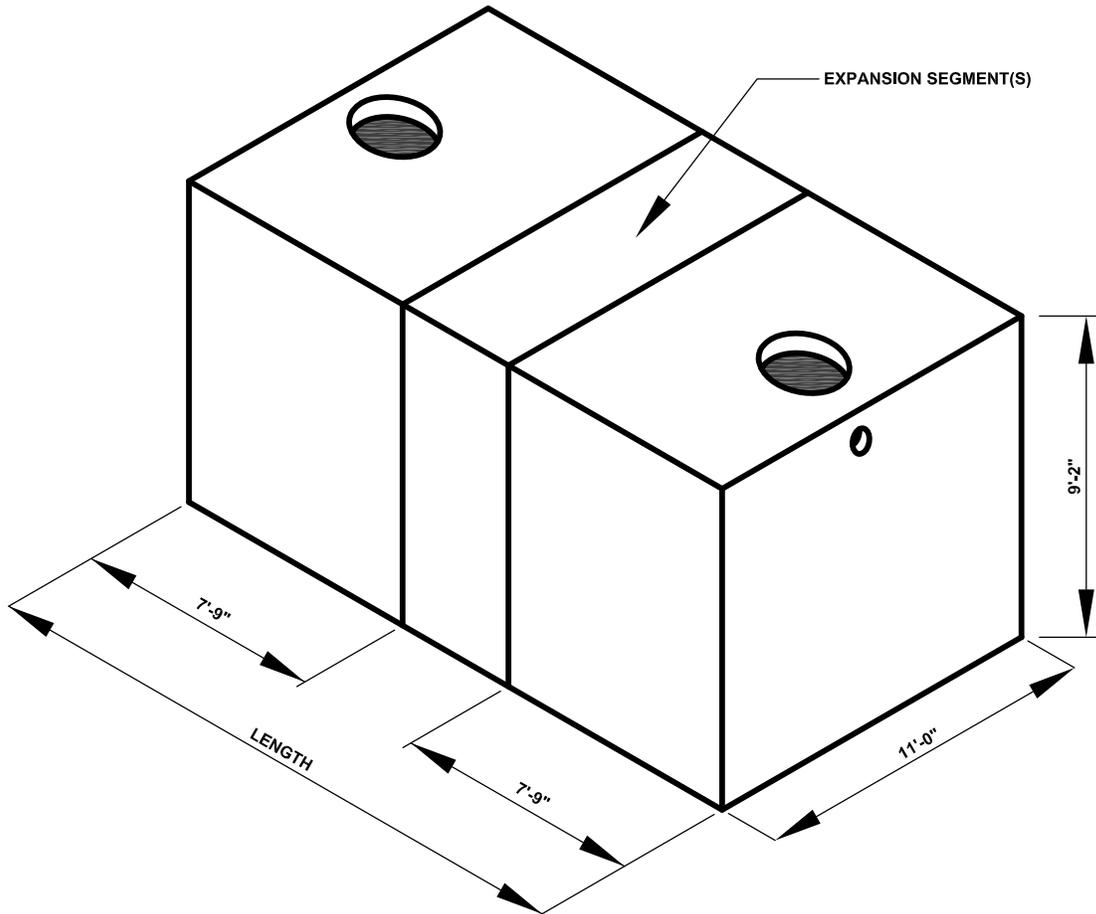


STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HL93 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

MODULAR SEPTIC TANK



| CAPACITY (GALLONS) | LENGTH (FT.) | CAPACITY (GALLONS) | LENGTH (FT.) | CAPACITY (GALLONS) | LENGTH (FT.) |
|--------------------|--------------|--------------------|--------------|--------------------|--------------|
| 8,000 | 15.50 | 15,000 | 28.92 | 22,000 | 42.33 |
| 9,000 | 17.42 | 16,000 | 30.83 | 23,000 | 44.25 |
| 10,000 | 19.33 | 17,000 | 32.75 | 24,000 | 46.17 |
| 11,000 | 21.25 | 18,000 | 34.67 | 25,000 | 48.08 |
| 12,000 | 23.17 | 19,000 | 36.58 | 26,000 | 50.00 |
| 13,000 | 25.08 | 20,000 | 38.50 | 27,000 | 51.92 |
| 14,000 | 27.00 | 21,000 | 40.42 | 28,000 | 53.83 |

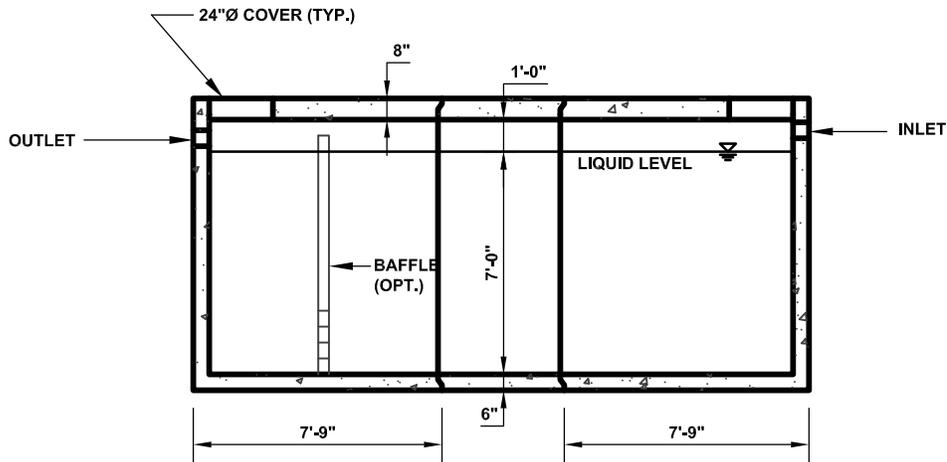
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

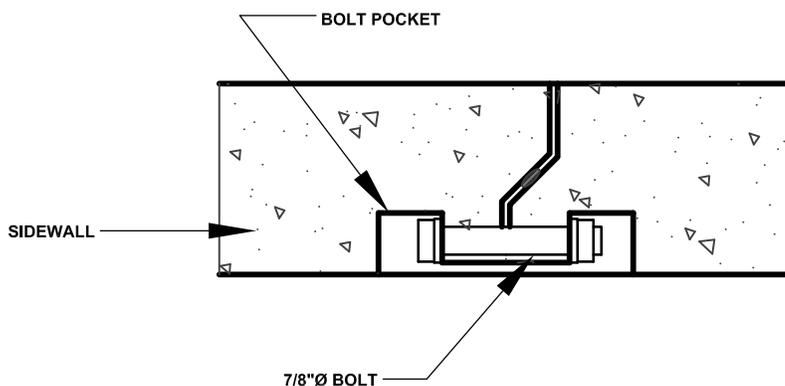
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

MODULAR SEPTIC TANK



SECTION



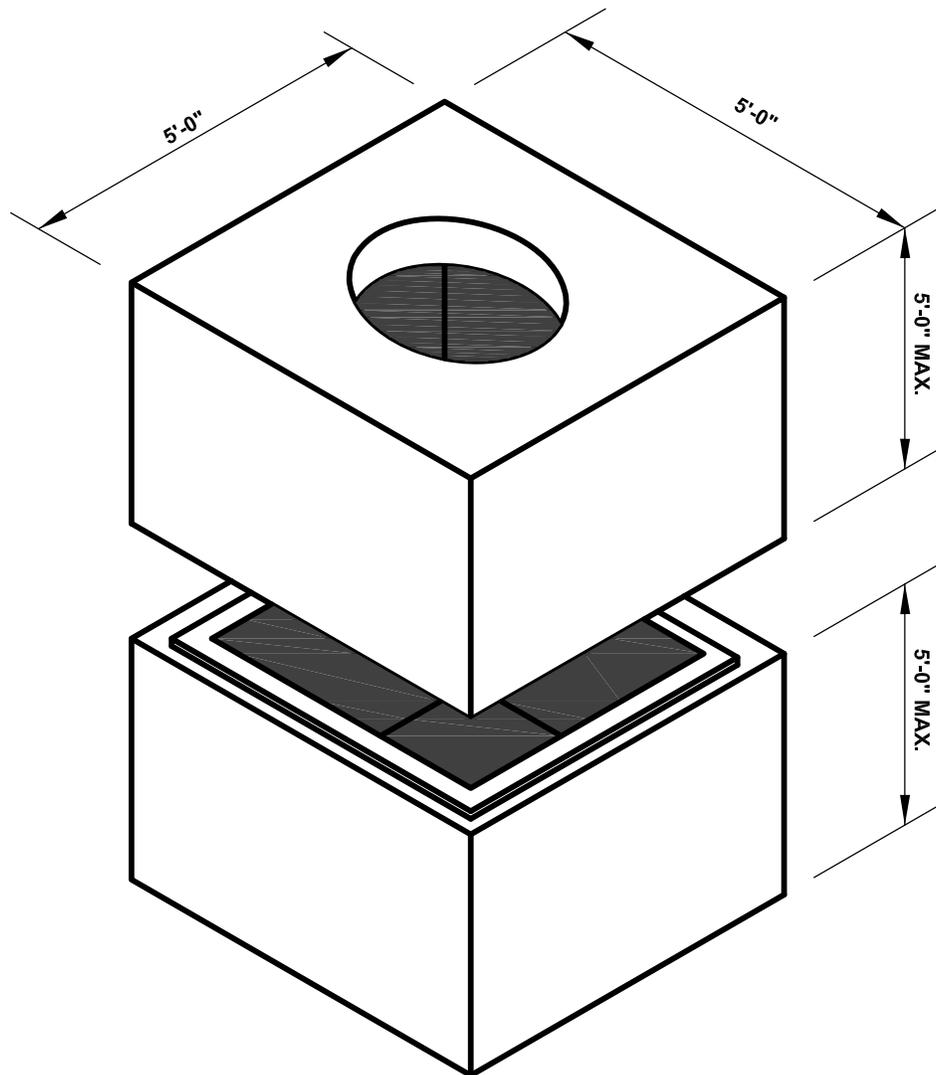
TYPICAL BOLT CONNECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $f'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. APPURTENANCES: FURNISHED & INSTALLED BY OTHERS

DURASTONE

4'x4' PUMP CHAMBER



**APPROX. WEIGHT: 15,400 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

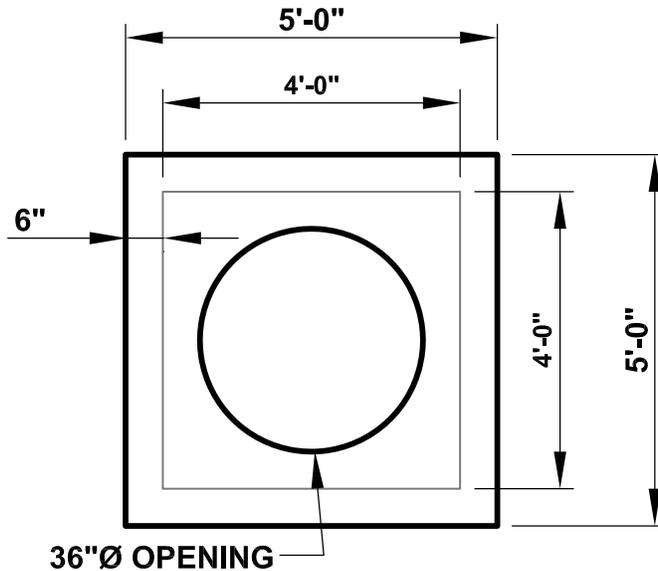
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

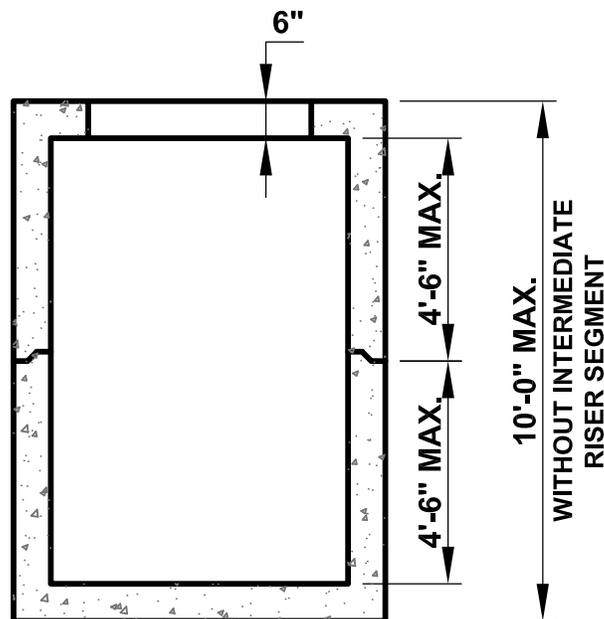
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

4'x4' PUMP CHAMBER



PLAN



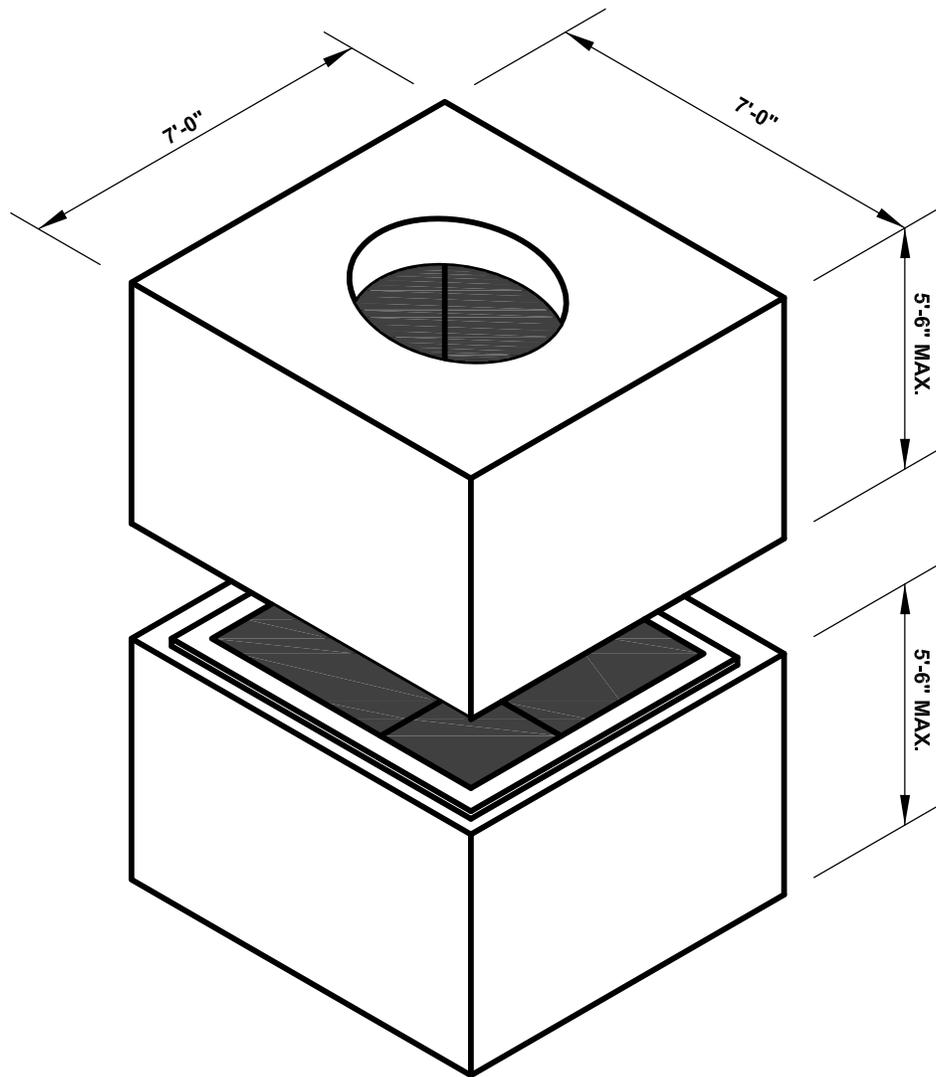
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. OPENINGS: CAST TO SUIT

DURASTONE

6'x6' PUMP CHAMBER



**APPROX. WEIGHT: 26,300 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

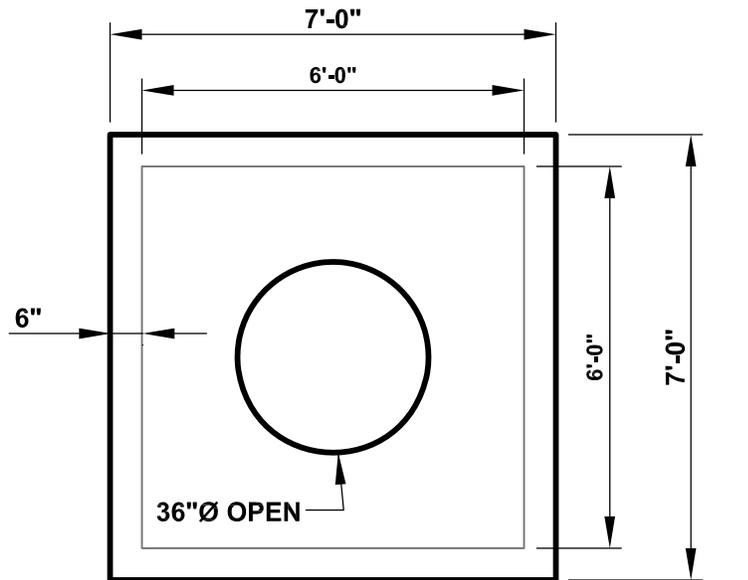
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

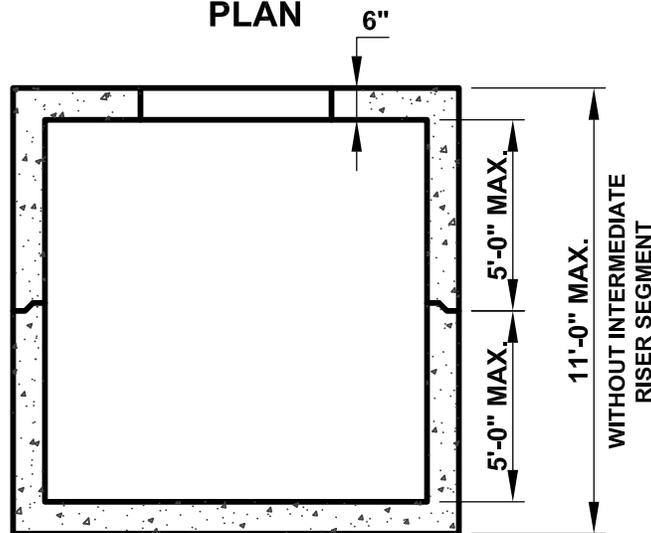
DURASTONE

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6'x6' PUMP CHAMBER



PLAN



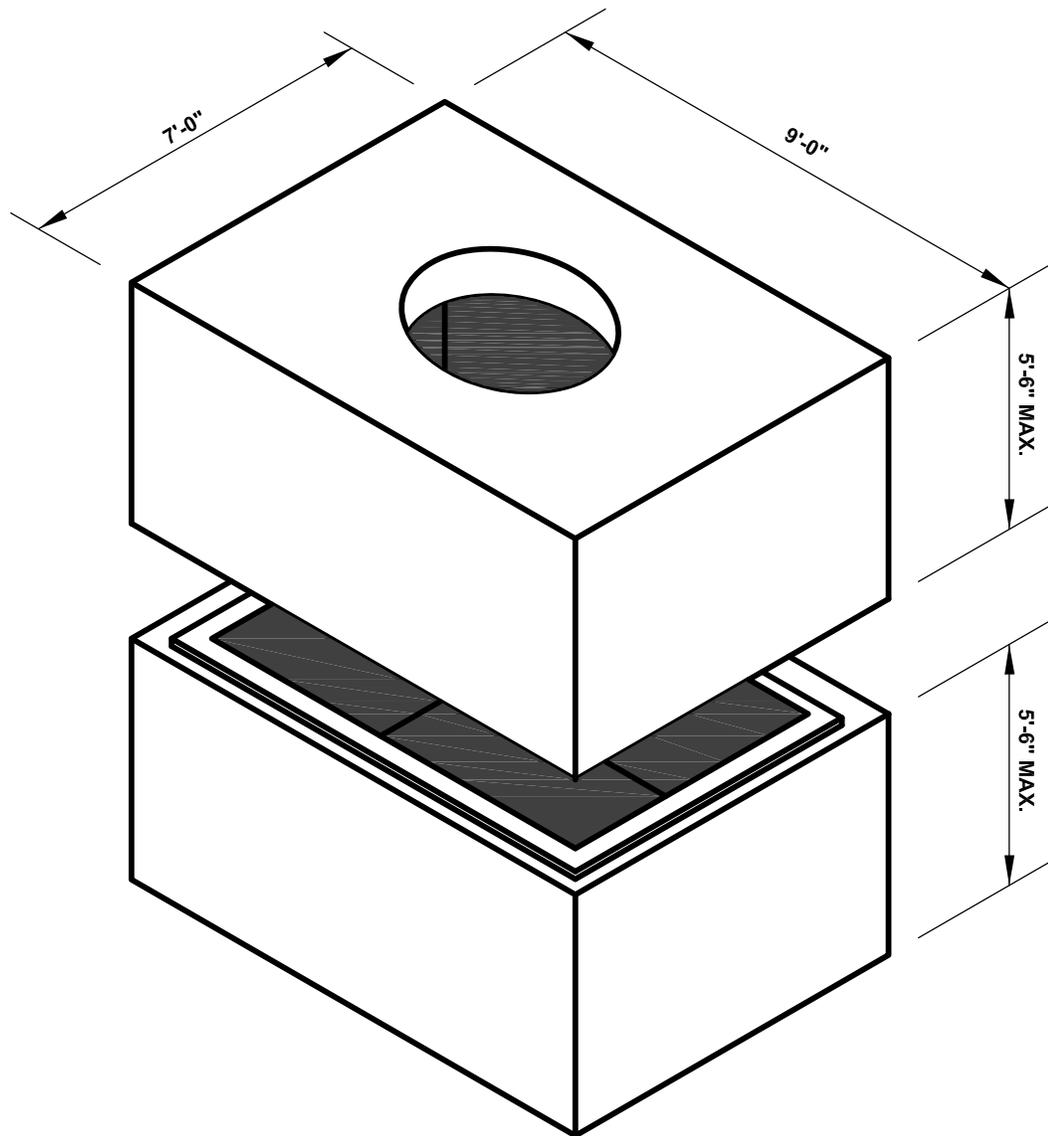
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. OPENINGS: CAST TO SUIT

DURASTONE

6'x8' PUMP CHAMBER



**APPROX. WEIGHT: 31,400 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

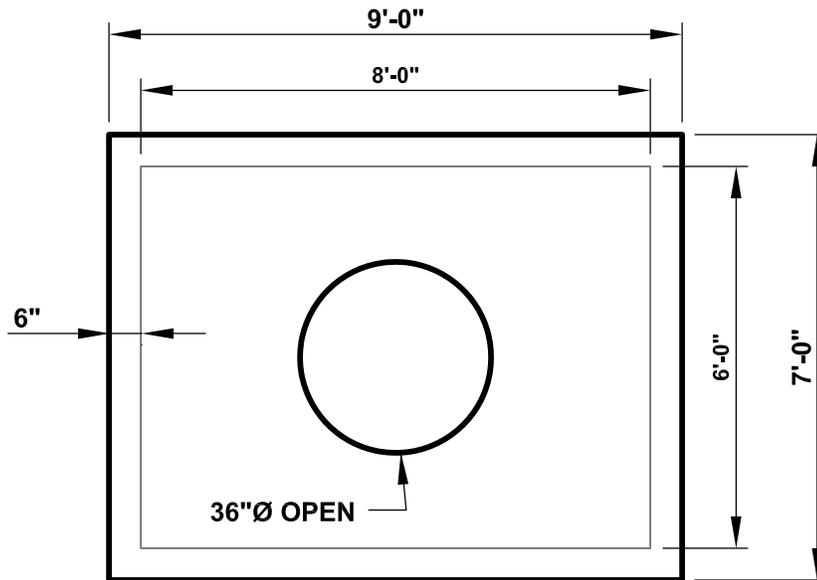
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NPCA
CERTIFIED PLANT

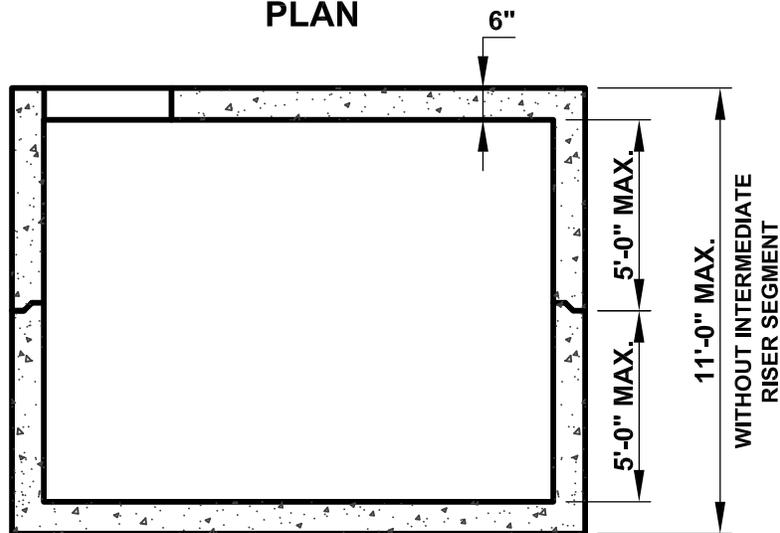
DURASTONE

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6'x8' PUMP CHAMBER



PLAN



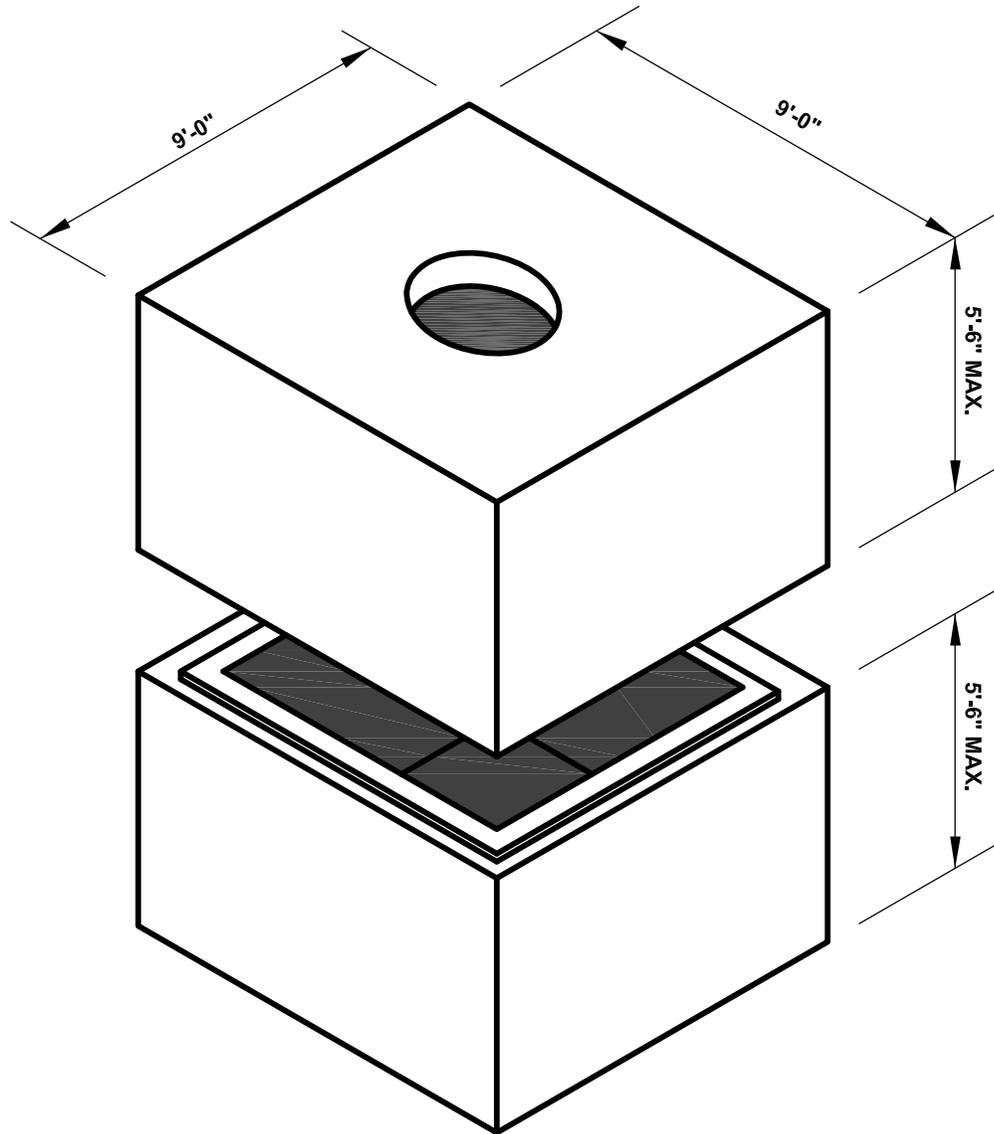
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. OPENINGS: CAST TO SUIT

DURASTONE

8'x8' PUMP CHAMBER



**APPROX. WEIGHT: 39,000 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

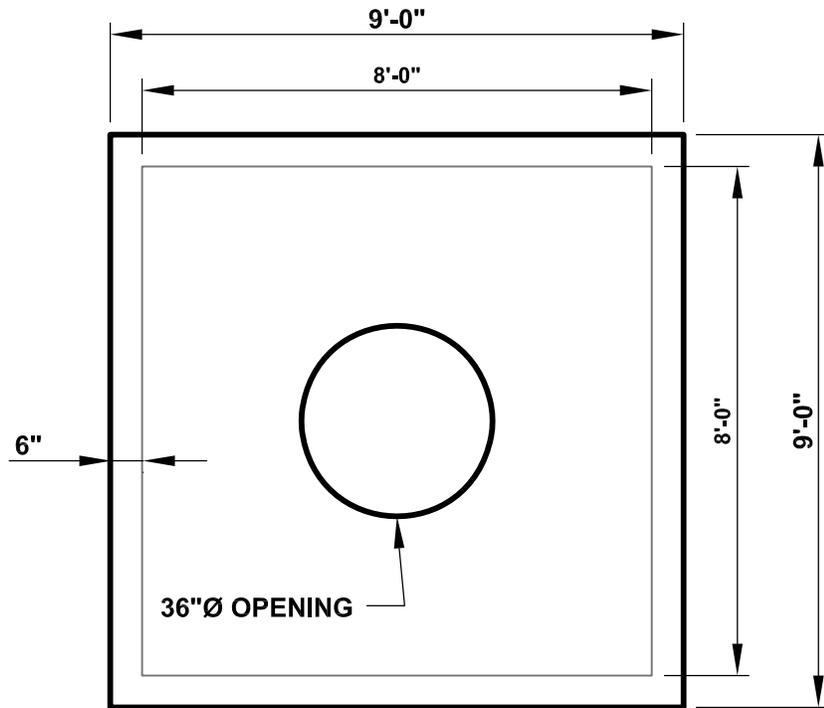
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

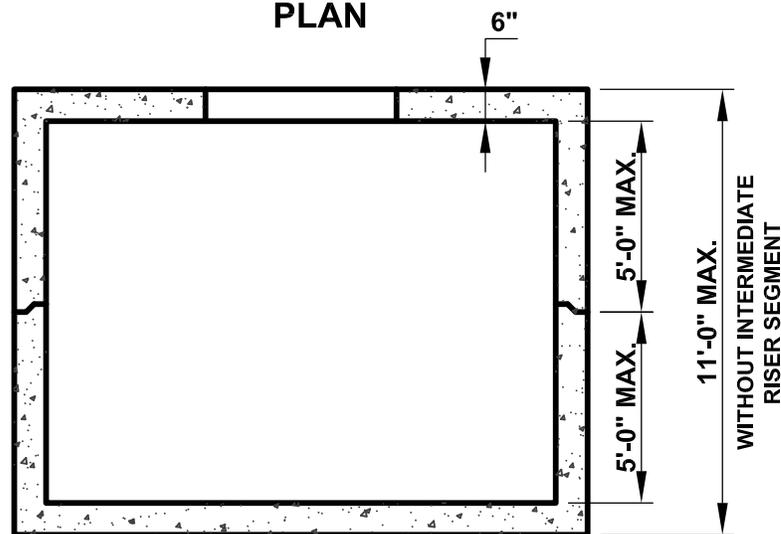
DURASTONE

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8'x8' PUMP CHAMBER



PLAN



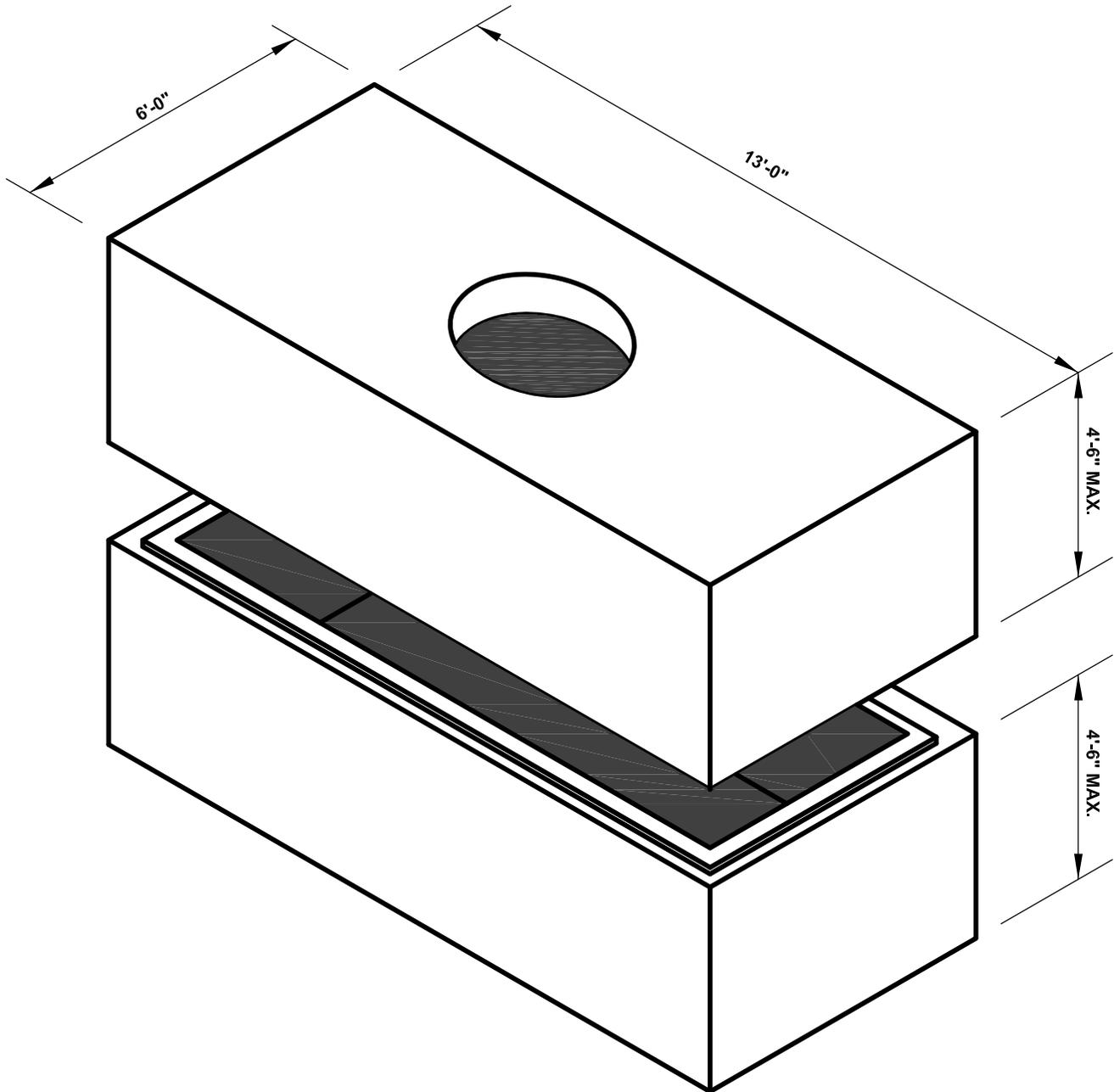
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HL93 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. OPENINGS: CAST TO SUIT

DURASTONE

5'x12' PUMP CHAMBER



**APPROX. WEIGHT: 32,800 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

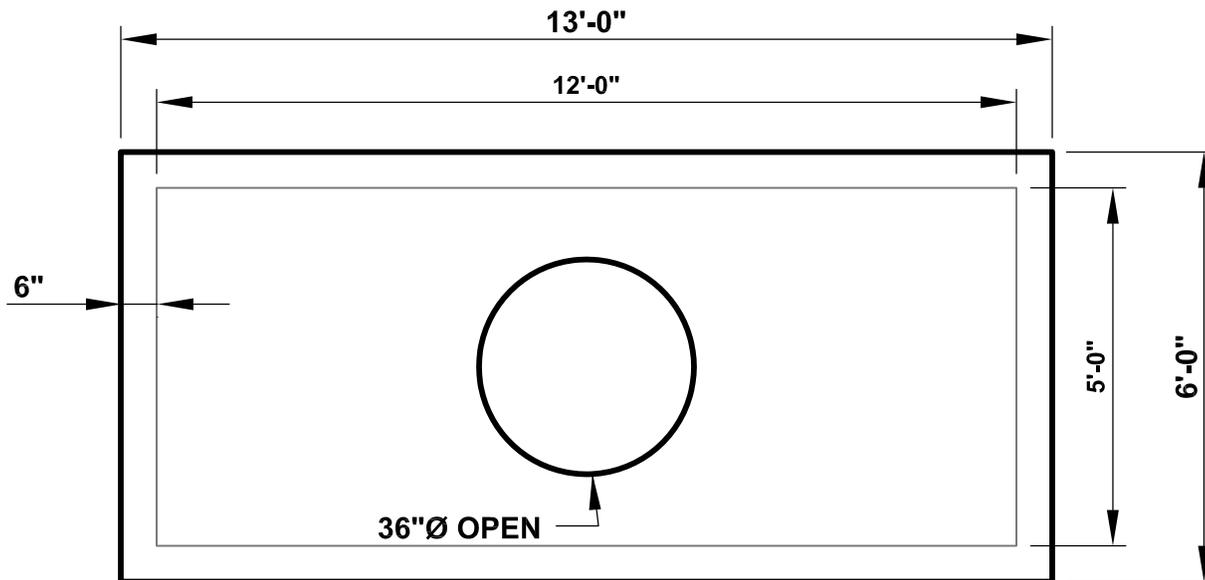
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

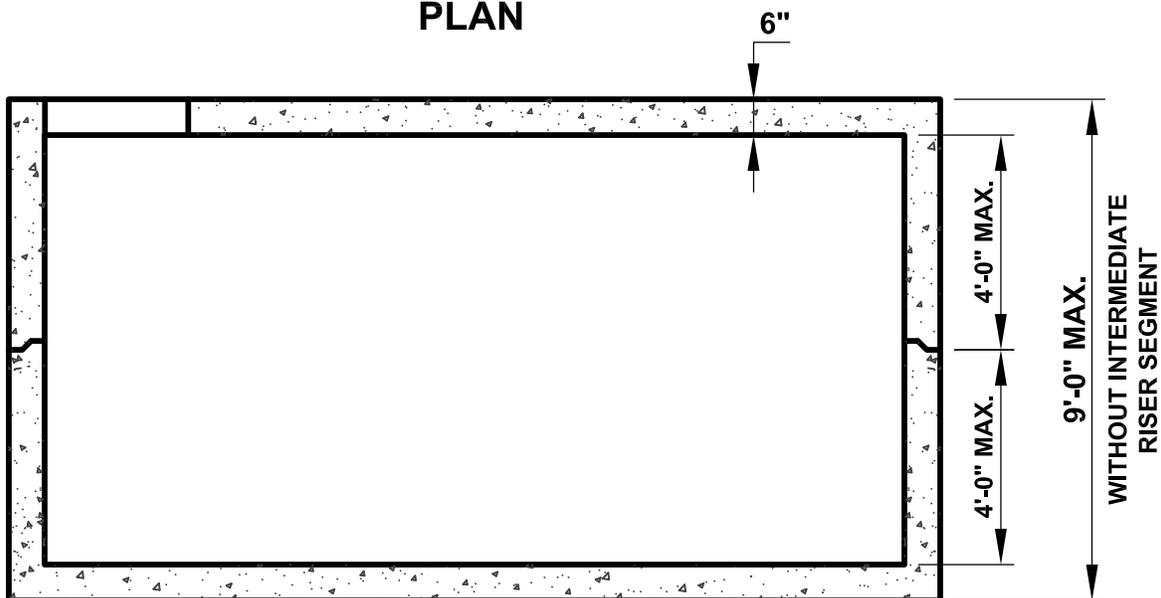
DURASTONE

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5'x12' PUMP CHAMBER



PLAN



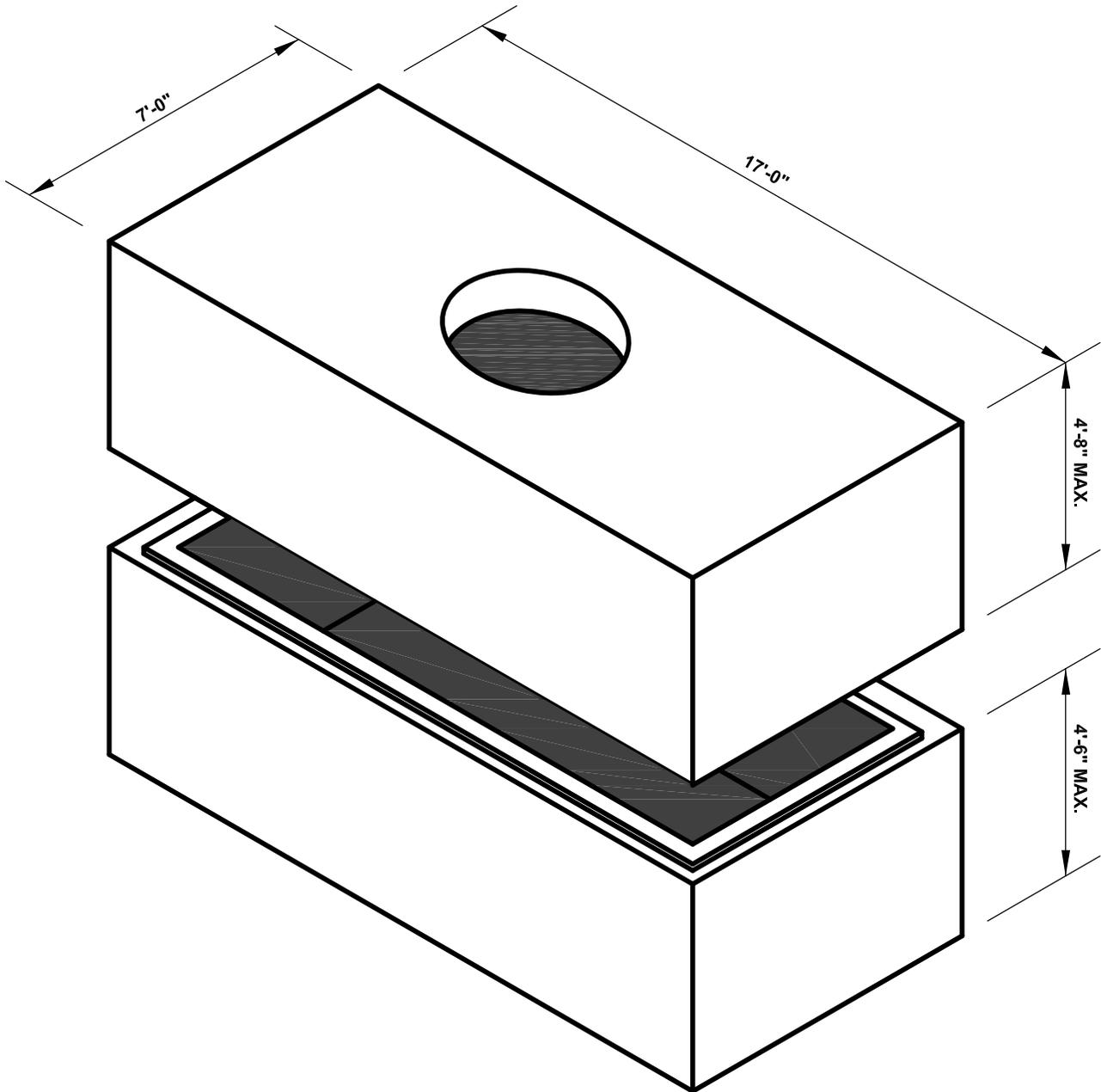
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. OPENINGS: CAST TO SUIT

DURASTONE

6'x16' PUMP CHAMBER



**APPROX. WEIGHT: 48,000 LB
AT MAX. HEIGHT W/O RISER**

INTERMEDIATE RISER SEGMENTS MAY BE
SPECIFIED TO PROVIDE ADDITIONAL DEPTH

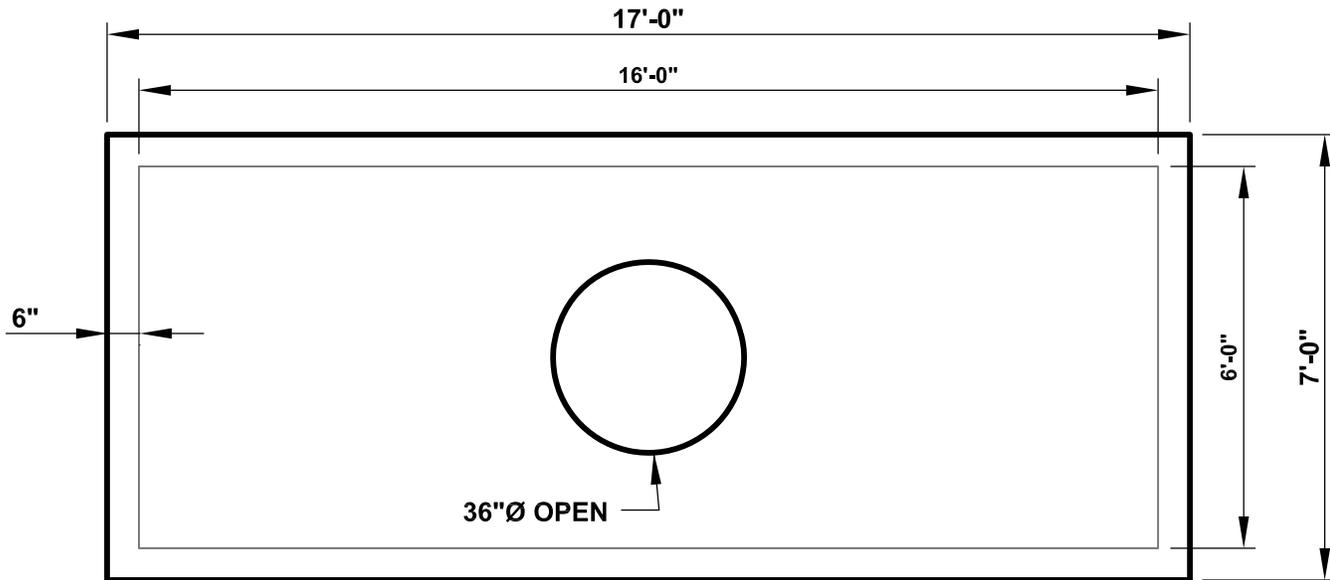
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

NPCA
CERTIFIED PLANT

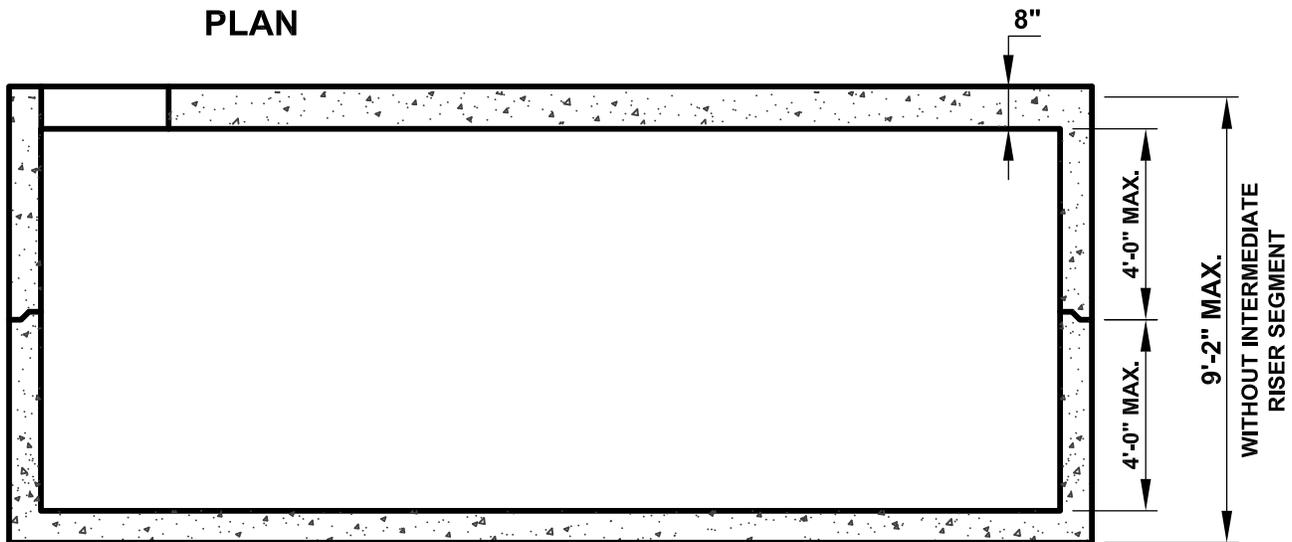
DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

6'x16' PUMP CHAMBER



PLAN



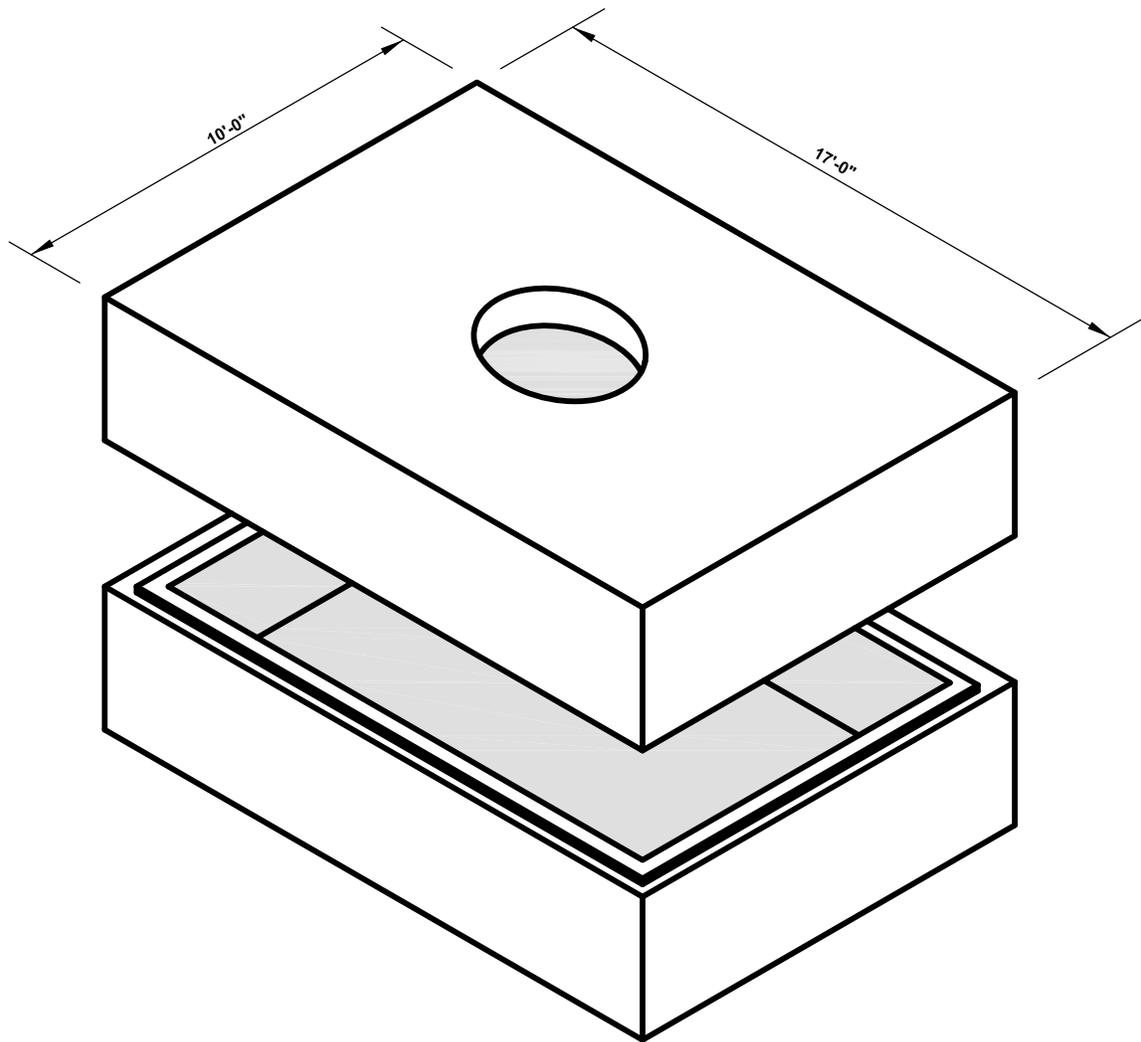
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HS20 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. OPENINGS: CAST TO SUIT

DURASTONE

9'x16' PUMP CHAMBER



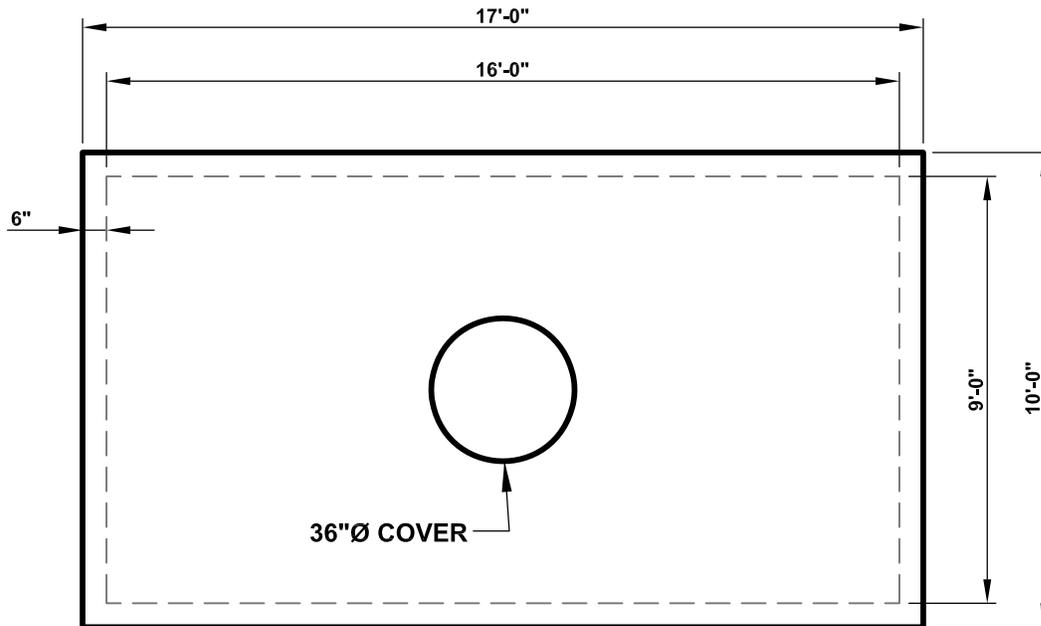
150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

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CERTIFIED PLANT

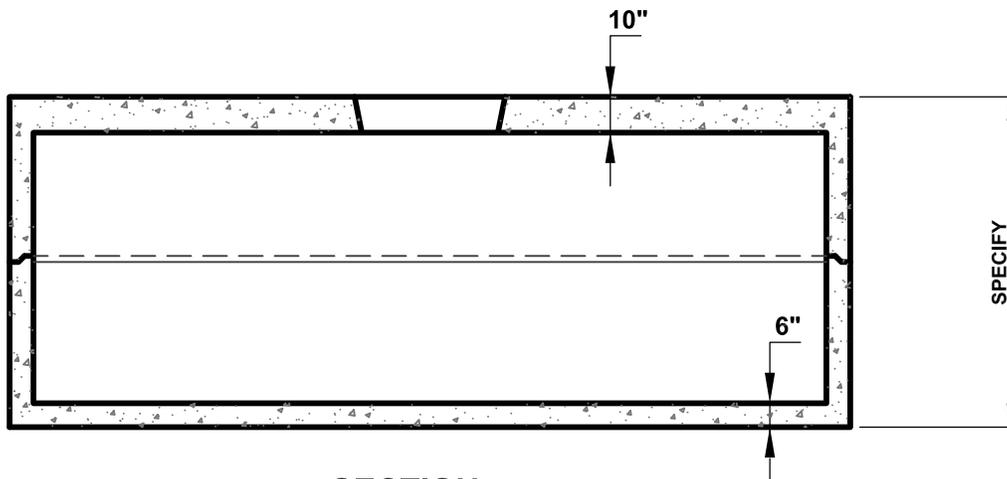
DURASTONE

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9'x16' PUMP CHAMBER



PLAN



SECTION

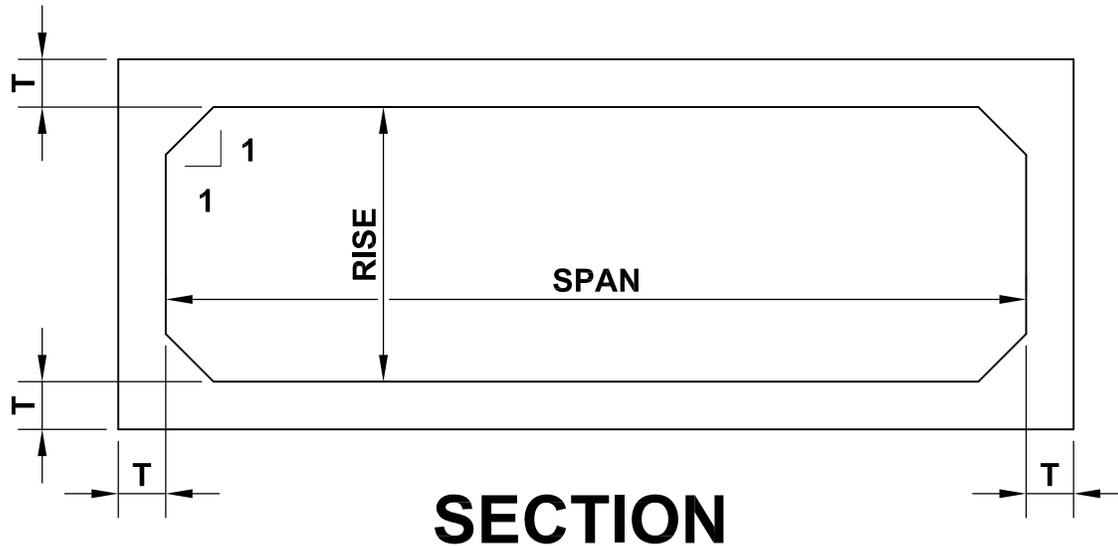
STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $F'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)
4. AASHTO HL93 LIVE LOAD
5. JOINT SEALANT: 1" BUTYL RUBBER
6. OPENINGS: CAST TO SUIT

DURASTONE

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4 SIDED CULVERT



| SPANxRISE (FT. x FT.) | WATER AREA (SQ. FT.) | SPANxRISE (FT. x FT.) | WATER AREA (SQ. FT.) | SPANxRISE (FT. x FT.) | WATER AREA (SQ. FT.) |
|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|
| 6x3 | 17.1 | 8x8 | 63.1 | 11x4 | 43.1 |
| 6x4 | 23.1 | 9x5 | 44.1 | 11x6 | 65.1 |
| 6x5 | 29.1 | 9x6 | 53.1 | 11x8 | 87.1 |
| 6x6 | 35.1 | 9x7 | 62.1 | 11x10 | 109.1 |
| 7x4 | 27.1 | 9x8 | 71.1 | 11x11 | 120.1 |
| 7x5 | 34.1 | 9x9 | 80.1 | 12x4 | 47.1 |
| 7x6 | 41.1 | 10x5 | 49.1 | 12x6 | 71.1 |
| 7x7 | 48.1 | 10x6 | 59.1 | 12x8 | 95.1 |
| 8x4 | 31.1 | 10x7 | 69.1 | 12x10 | 119.1 |
| 8x5 | 39.1 | 10x8 | 79.1 | 12x12 | 143.1 |
| 8x6 | 47.1 | 10x9 | 89.1 | | |
| 8x7 | 55.1 | 10x10 | 99.1 | | |

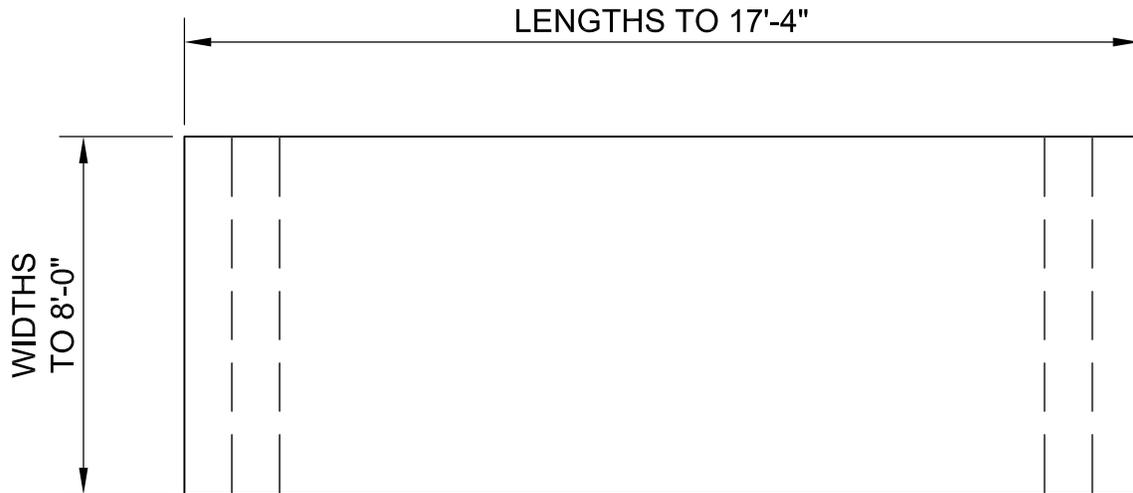
STANDARD SPECIFICATIONS

1. 1" MINIMUM COVER TO REINFORCEMENT.
2. REINFORCEMENT: ASTM A615 DEFORMED BAR & ASTM A185 WELDED WIRE
3. SPECIFY SPAN, RISE, DEPTH OF EARTH COVER AND LIVE LOAD REQUIREMENT.
4. 5,000 PSI PORTLAND CEMENT CONCRETE MIX.

DURASTONE

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3 SIDED CULVERT



PLAN



ELEVATION

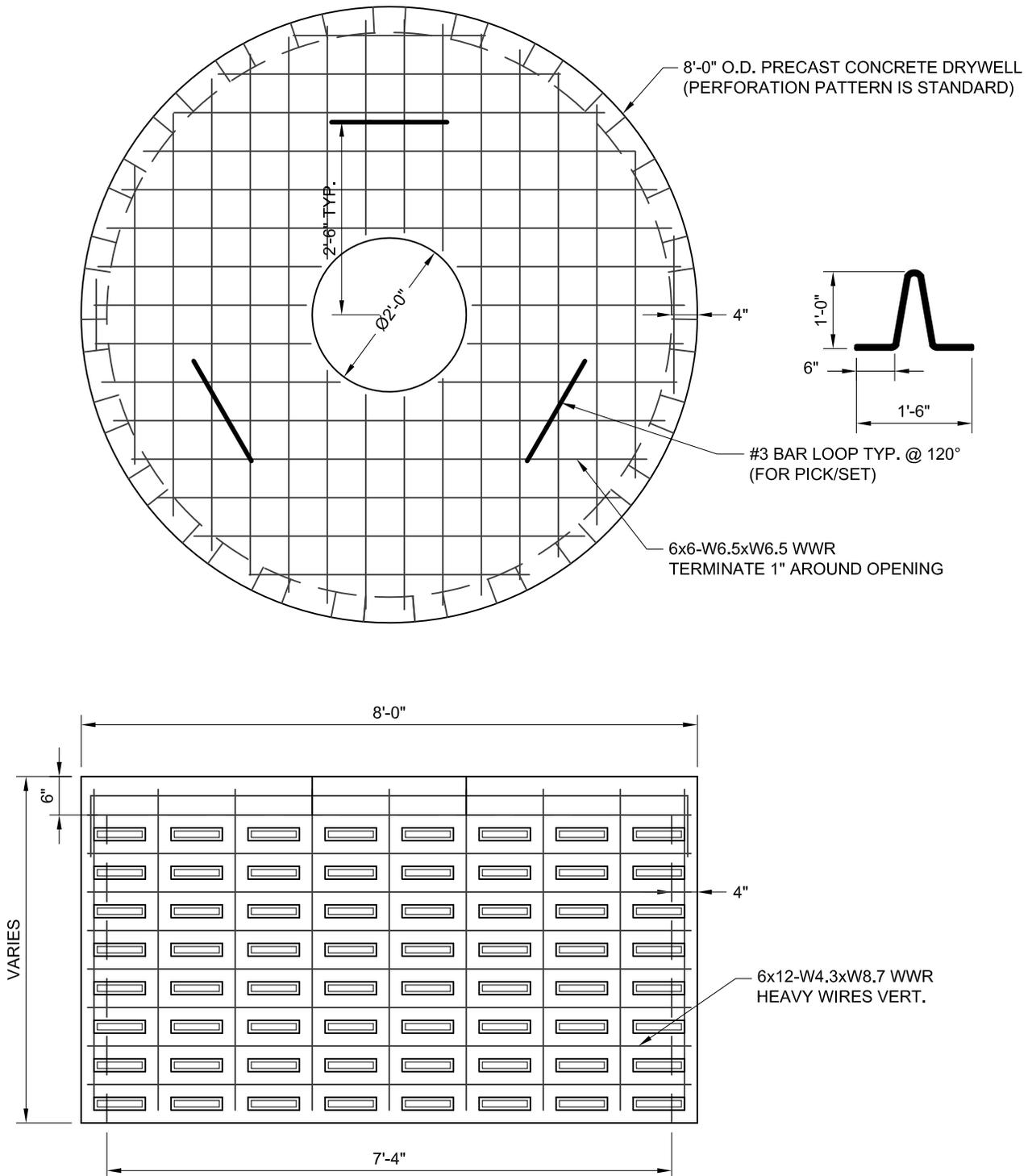
STANDARD SPECIFICATIONS

1. 2" MINIMUM COVER TO REINFORCEMENT.
2. MINIMUM 6" KEY DEPTH INTO C.I.P. FOOTINGS.
3. 20 TON MAXIMUM SEGMENT WEIGHT.

DURASTONE

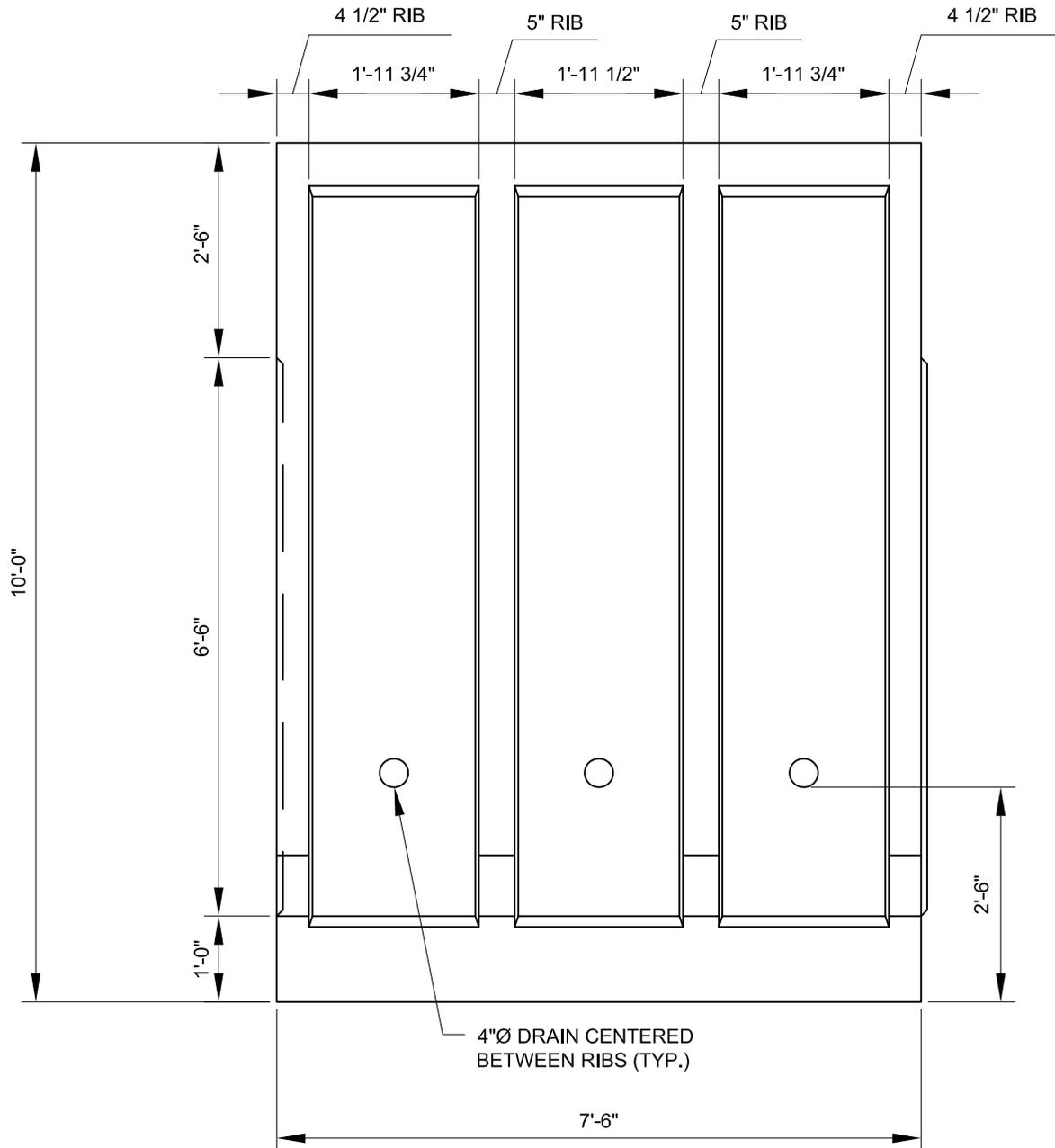
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DRYWELL



DURASTONE

RETAINING WALL SYSTEM



ELEVATION

APPROX. WEIGHT: 12,100 LB

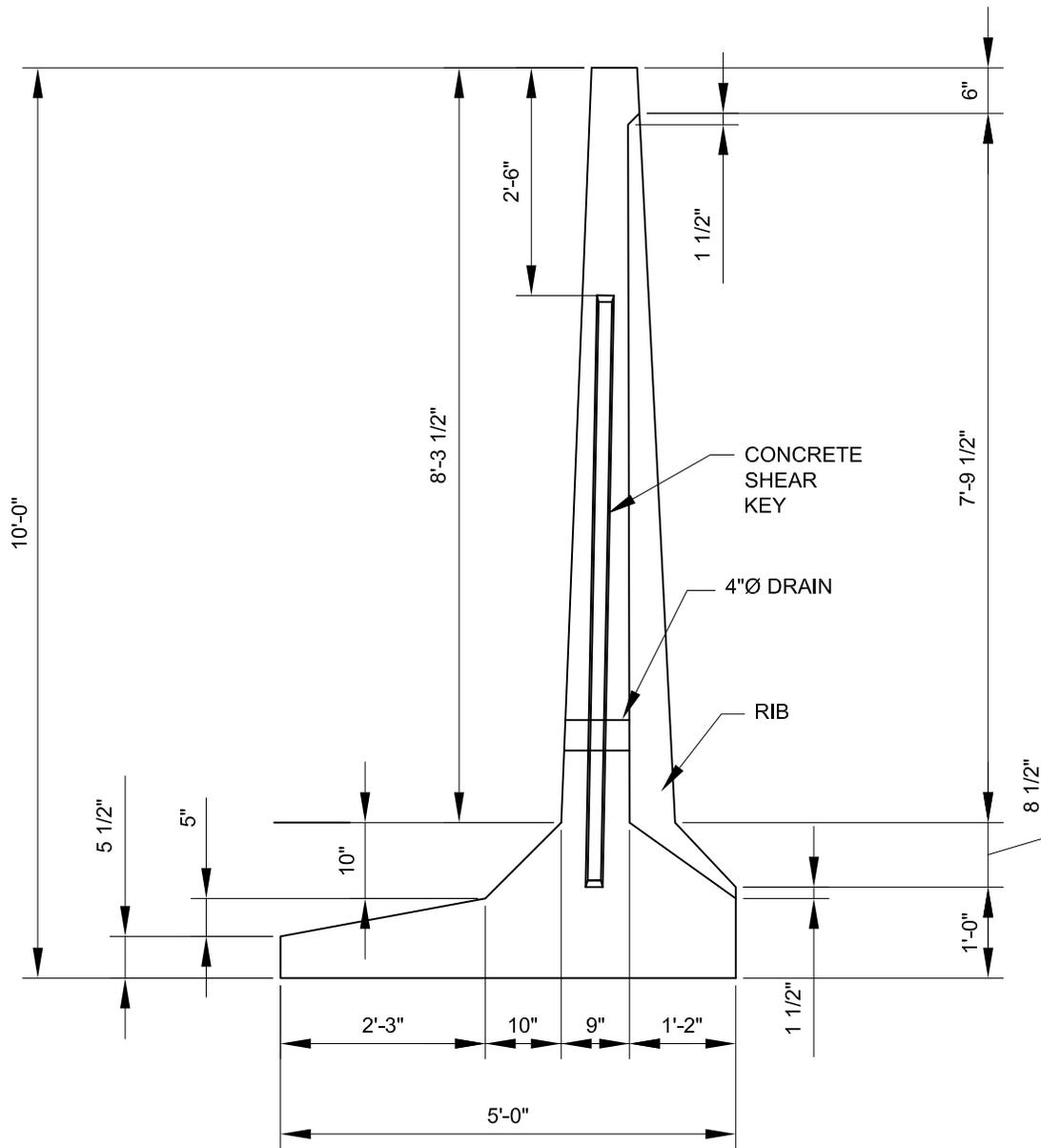
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NPCA
CERTIFIED PLANT

DURASTONE

150 HIGGINSON AVENUE - LINCOLN, RI 02865 - Phone (401) 723-7100 - Fax (401) 723-6866

RETAINING WALL SYSTEM



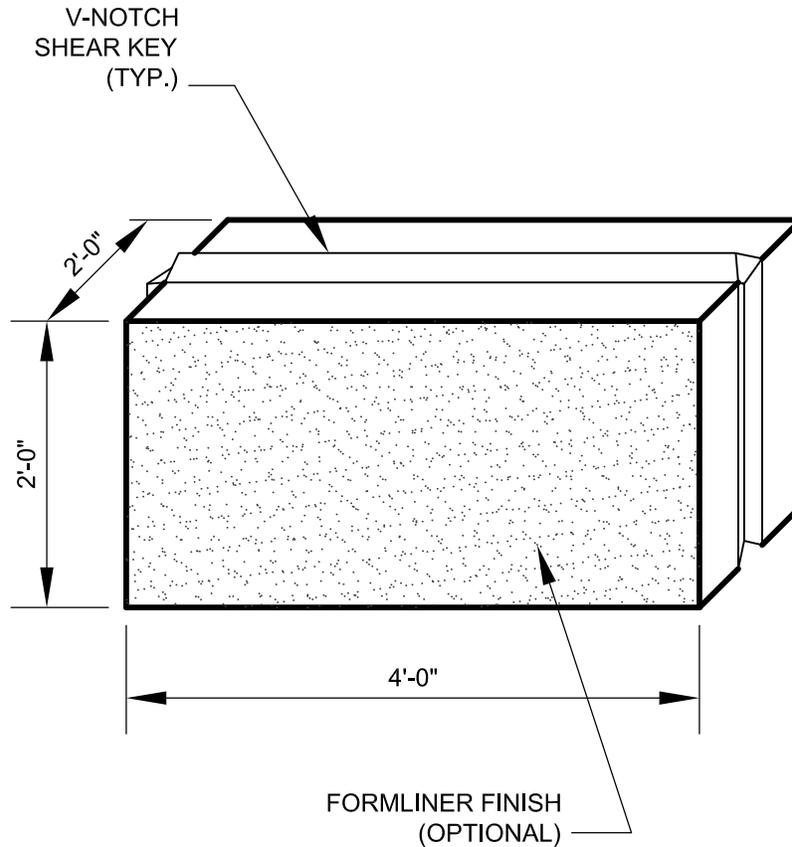
SECTION

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $f'_c = 5,000$ PSI
2. REINFORCEMENT: ASTM A615 GRADE 60, MINIMUM 1" COVER
3. DESIGN & DETAILING CODE: ACI318 (UNLESS OTHERWISE SPECIFIED)

DURASTONE

ARCHITECTURAL BLOCK



APPROX. WEIGHTS:

4'x2'x2' BLOCK: 2,400#

STANDARD SPECIFICATIONS

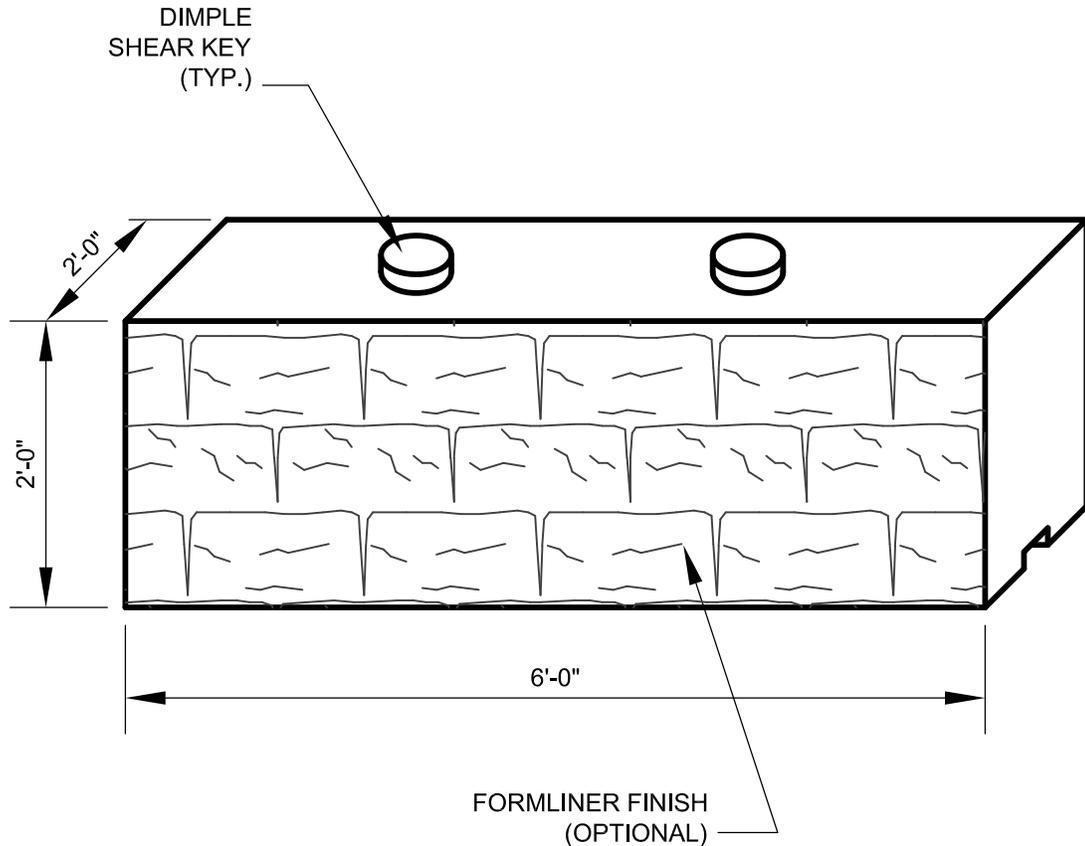
1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $f'_c = 4,000$ PSI
2. OPTIONAL FORMLINER FINISH (SPECIFY)
3. WALL DESIGN BY OTHERS

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NPCA
CERTIFIED PLANT

DURASTONE

ARCHITECTURAL BLOCK



APPROX. WEIGHTS:

6'x2'x2' BLOCK: 3,600#

STANDARD SPECIFICATIONS

1. MINIMUM CONCRETE COMPRESSIVE STRENGTH: $f'_c = 4,000$ PSI
2. OPTIONAL FORMLINER FINISH (SPECIFY)
3. WALL DESIGN BY OTHERS

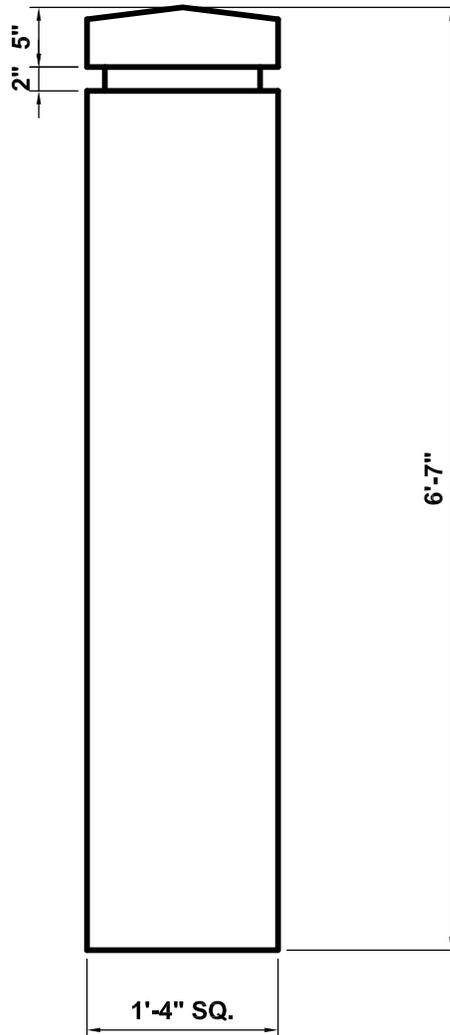
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DURASTONE

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BOLLARD



STANDARD SPECIFICATIONS

1. EXPOSED SURFACES STEEL FORM FINISH
2. 4,000 PSI CLASS XX(AE) PORTLAND CEMENT CONCRETE.