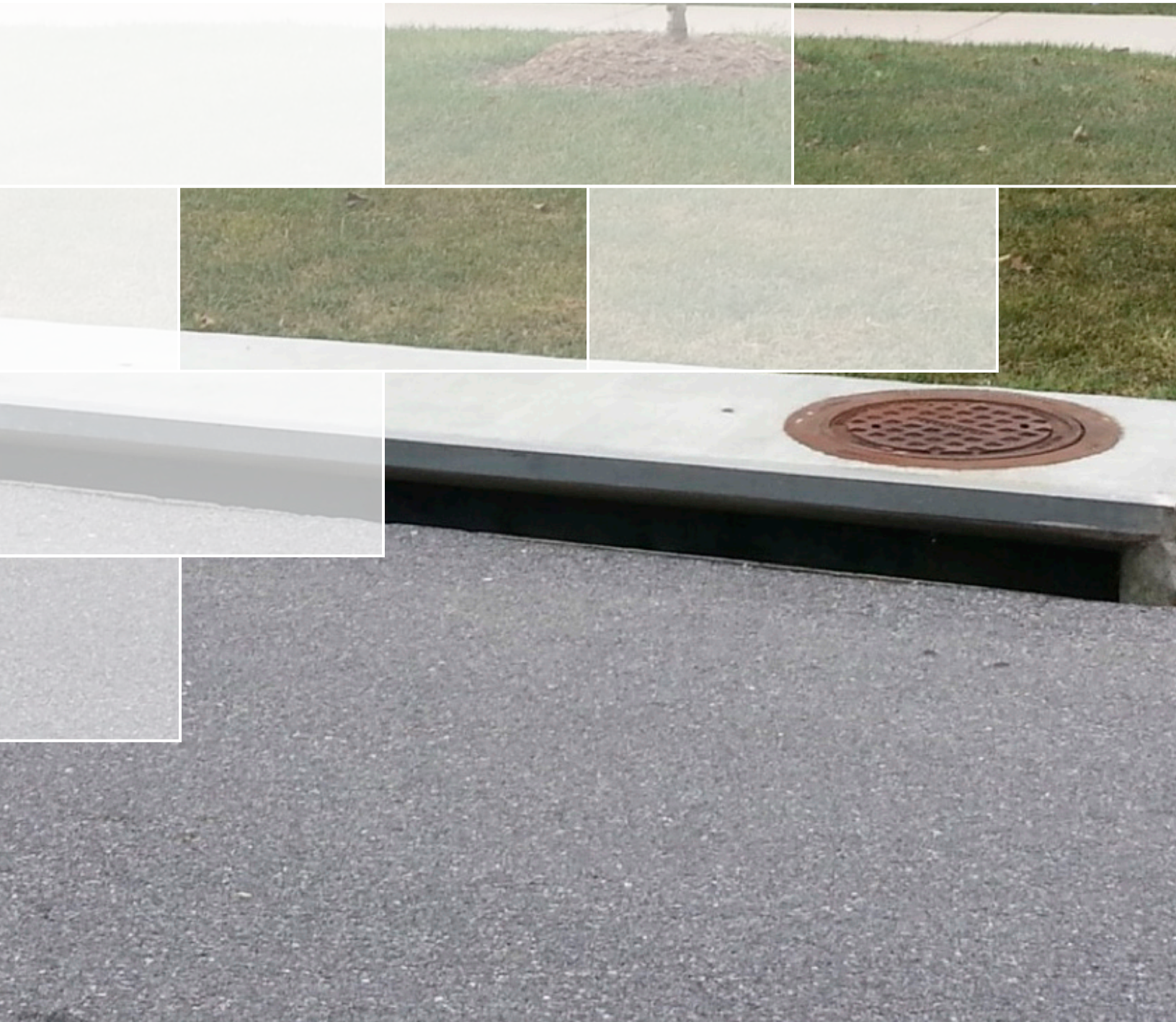




Virginia (VDOT) Drainage Inlets

Core Product Line

CORE PRODUCTS DIVISION



OVERVIEW

Precast Drainage Inlets are typically used for storm drain systems in lieu of built in place

SIZES

Precast drainage inlets are available in many sizes from small area drains to large inlets or combination inlet / junction boxes, both in rectangular designs as well as circular structures with diameters of 36 inch through 144 inch.

APPLICATION

Precast Drainage Inlets may be used for the following:

- Yard Inlets
- Curb Inlets
- Catch Basins
- Drop Inlets
- Area Drains
- Traffic Areas
- Parking Lots
- Median Inlets

JOINTS

The following joints may be available for Precast Drainage Inlets:

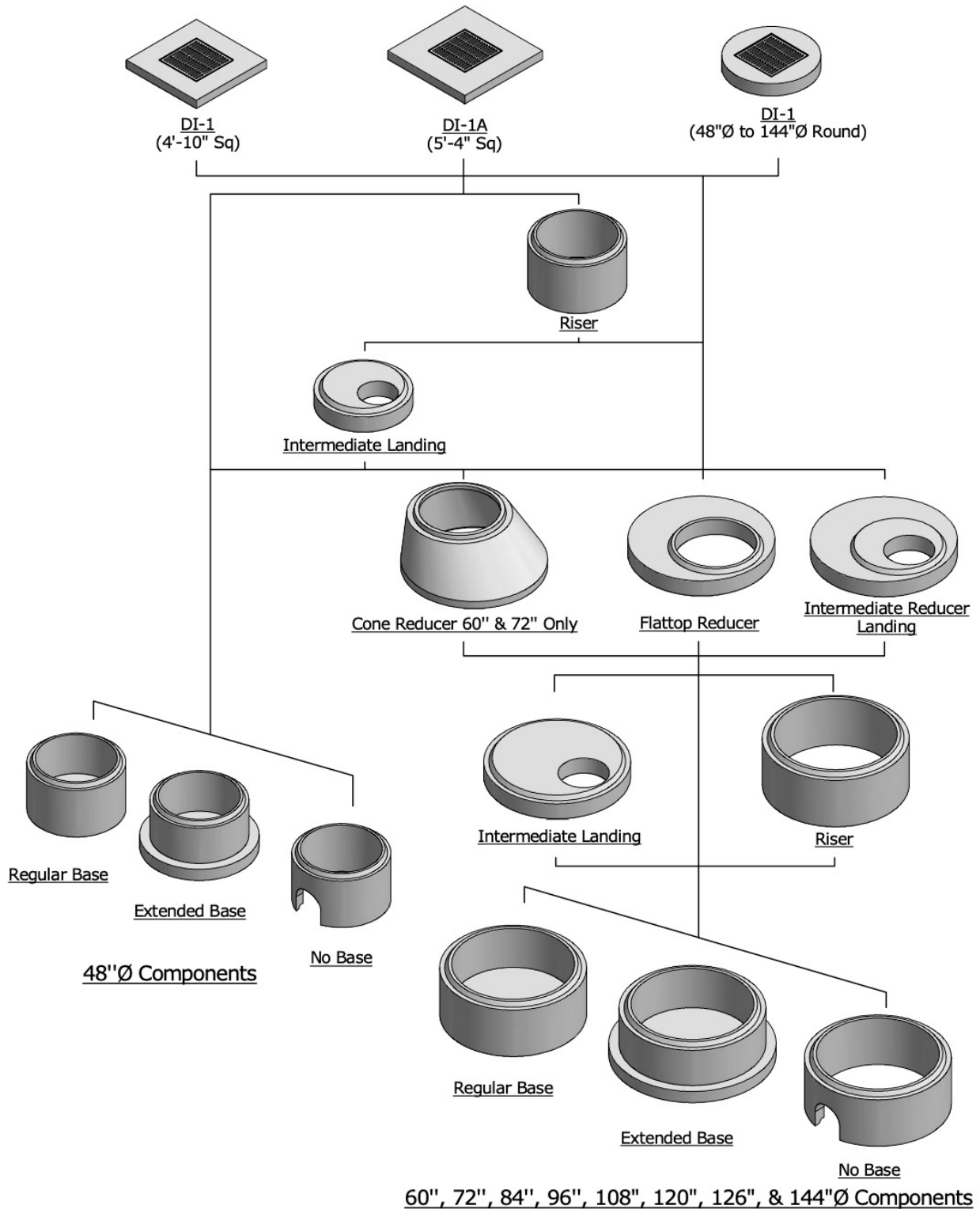
- Pre-formed mastic or butyl gasket
- Mortar Joints

APPLICABLE SPECIFICATIONS

- **ASTM C478 / AASHTO M199** - Precast Reinforced Concrete Manhole Sections
- **ASTM C 913** - Precast Concrete Water and Wastewater Structures
- **ASTM C990** - Joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants
- **Virginia Department of Transportation standards and specifications**



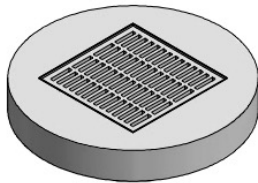
PRECAST DI-1 & 1A INLET SQUARE & ROUND TOP ASSEMBLY DIAGRAM



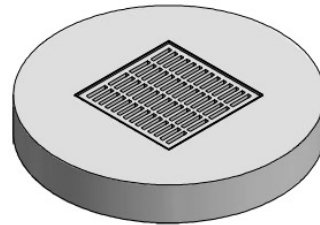
NOTES

1. This drawing represents most common stacking orientations, additional stacking options may be available.
2. Manhole components to be per ASTM C478.

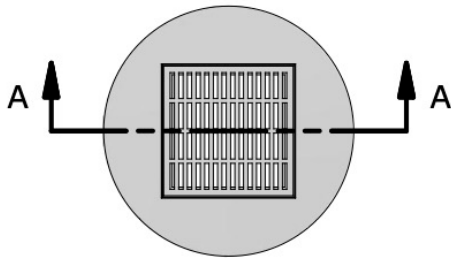
**PRECAST DI-1 & 1A INLET ROUND TOP
FOR 48"Ø TO 144" MANHOLES**



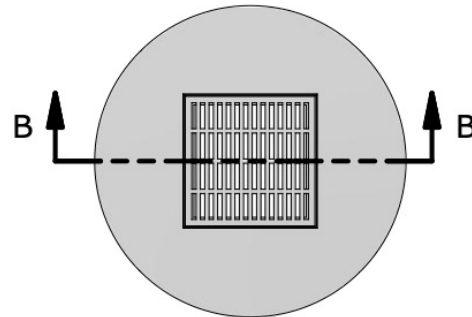
Isometric View



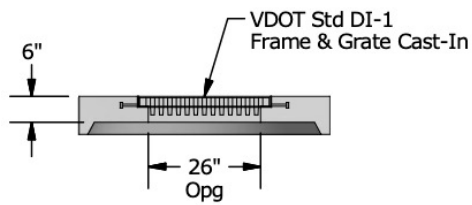
Isometric View



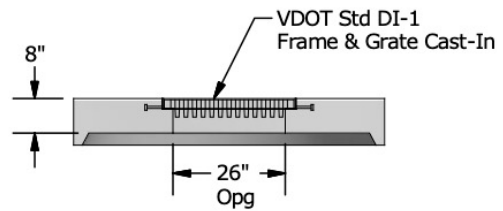
Plan View
(48"Ø)



Plan View
(60"Ø to 144"Ø)



Section View A-A

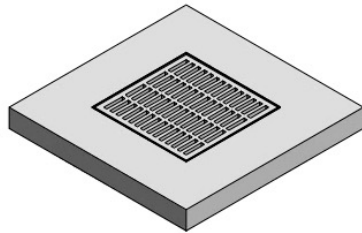


Section View B-B

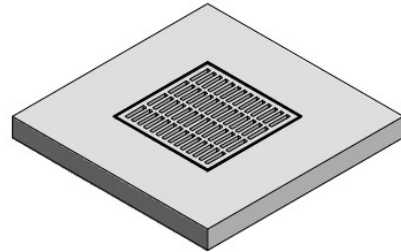
NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.

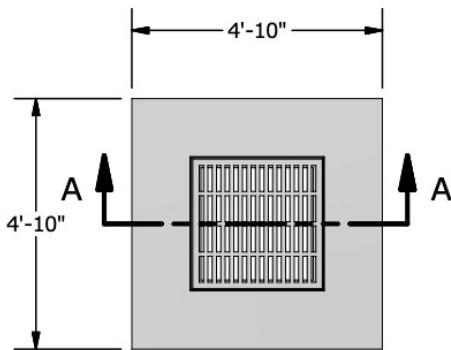
PRECAST DI-1 & 1A INLET SQUARE TOP



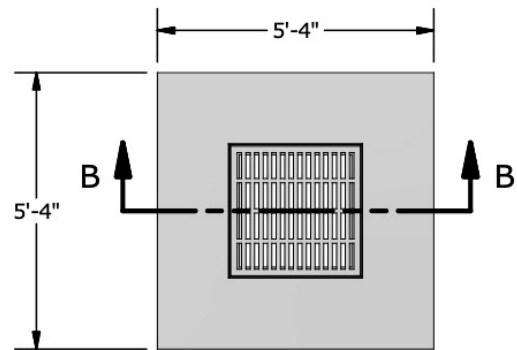
Isometric View



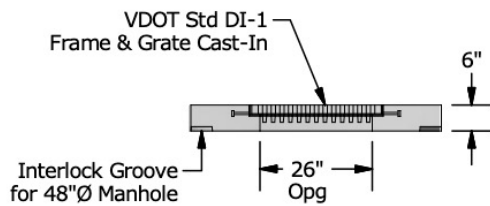
Isometric View



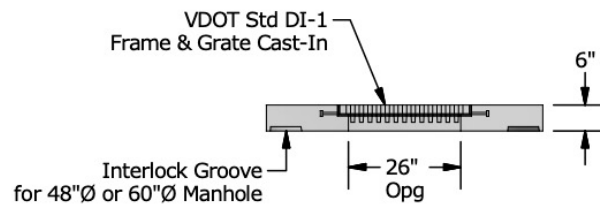
Plan View
(4'-10" Sq)



Plan View
(5'-4" Sq)



Section View A-A

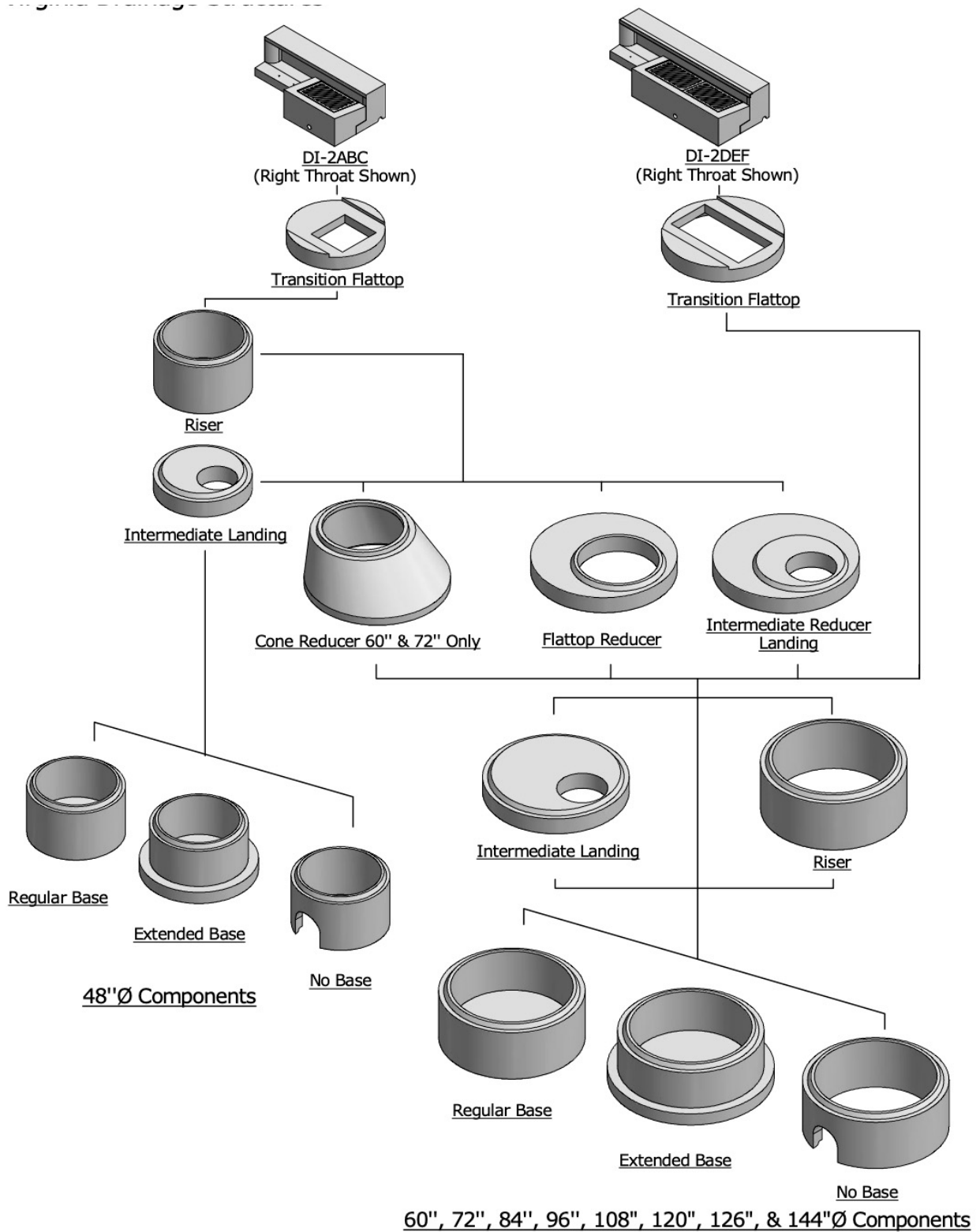


Section View B-B

NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. 3) 4'-10" top used for 48" manholes; 5'-4" top used for 48" & 60" manholes.

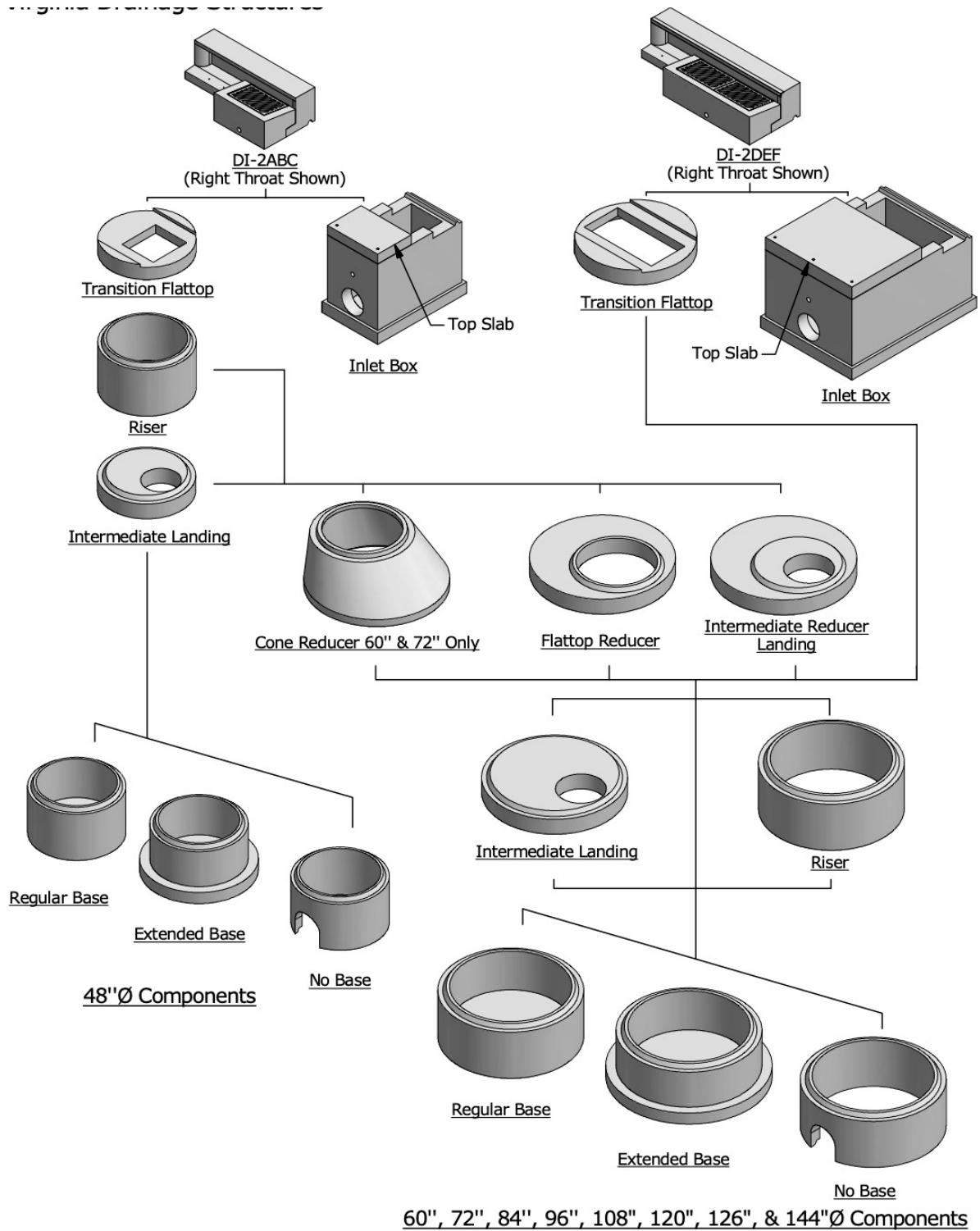
PRECAST DI-2ABC & DEF INLET ASSEMBLY DIAGRAM



NOTES

1. This drawing represents most common stacking orientations, additional stacking options may be available.
2. Manhole components to be per ASTM C478.

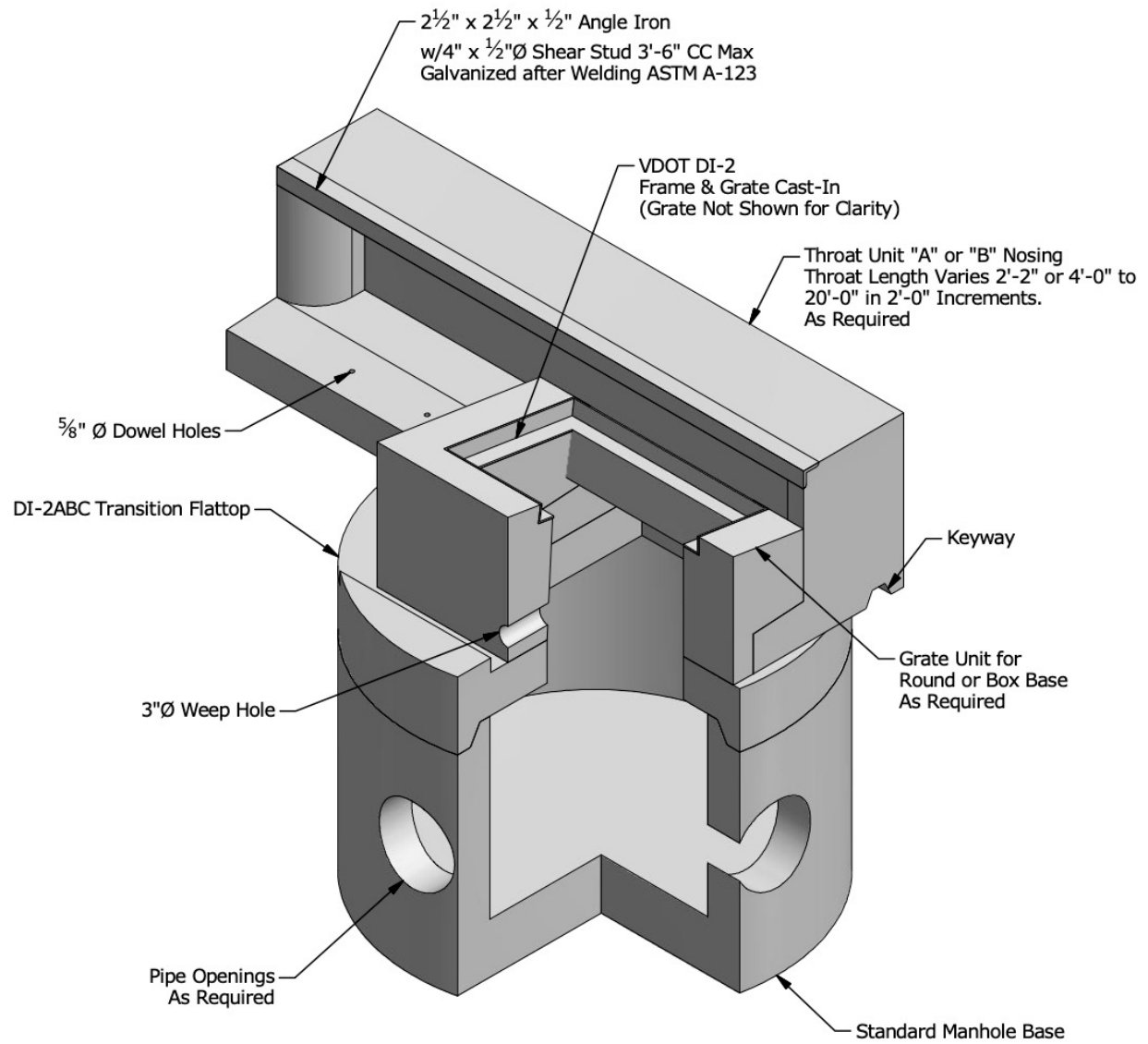
PRECAST DI-2ABC & DEF INLET ROUND & BOX ASSEMBLY DIAGRAM



NOTES

1. This drawing represents most common stacking orientations, additional stacking options may be available.
2. Manhole components to be per ASTM C478.

PRECAST DI-2ABC INLET ROUND

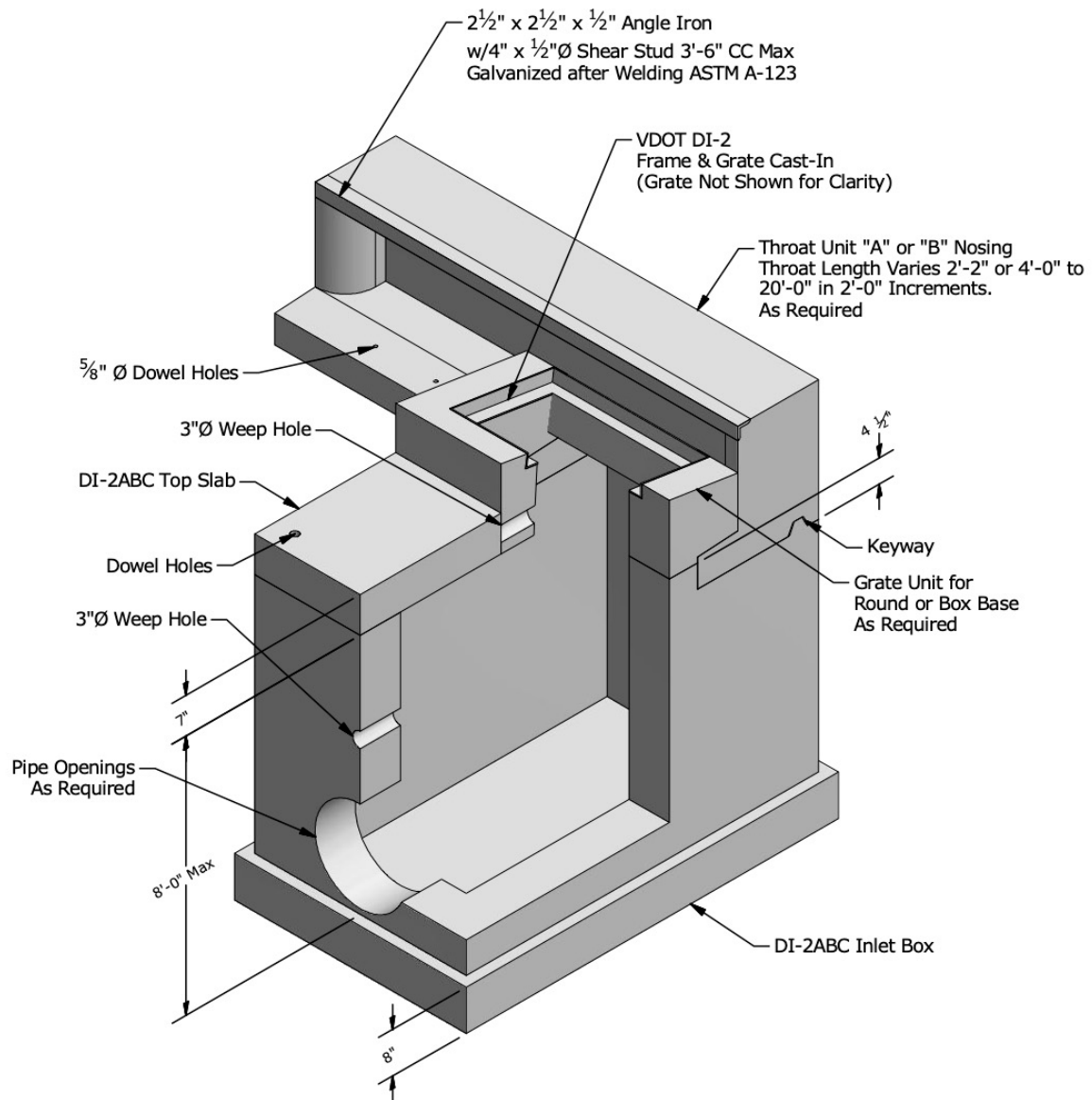


Isometric View

NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Manhole sections conform to ASTM C478/ AASHTO M199.
4. Throat opening maybe shifted for right, left, or center Inlets.
5. VDOT standard ST-1 steps provided @ 16"CC, aligned vertically for structures with depth of 4'-0" or greater.
6. Throat Length Varies 2'-2" or 4'-0" to 20'-0" in 2'-0" Increments.

PRECAST DI-2ABC INLET BOX

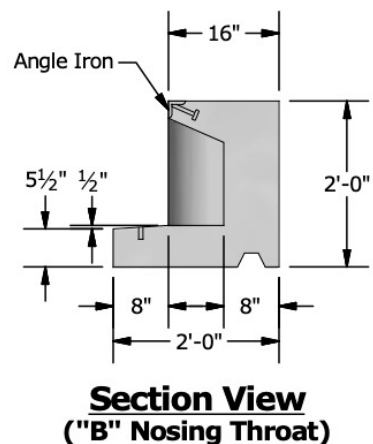
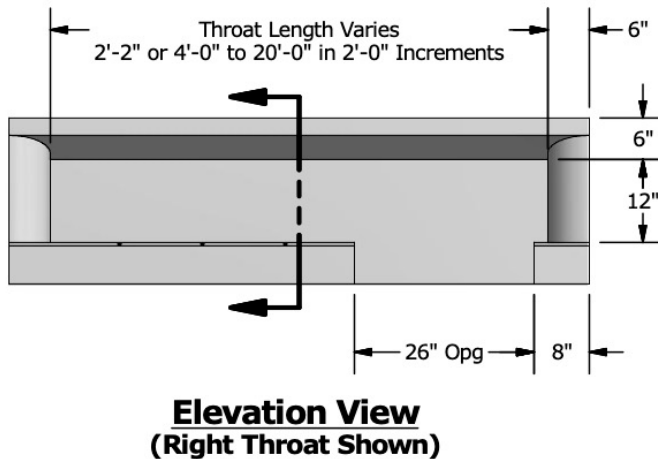
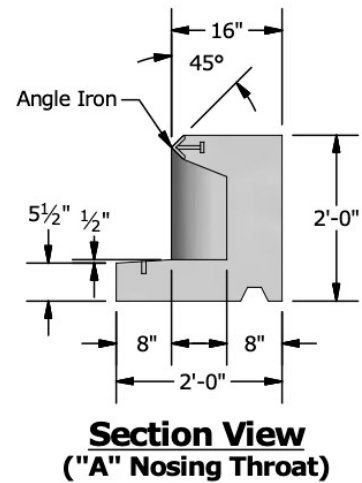
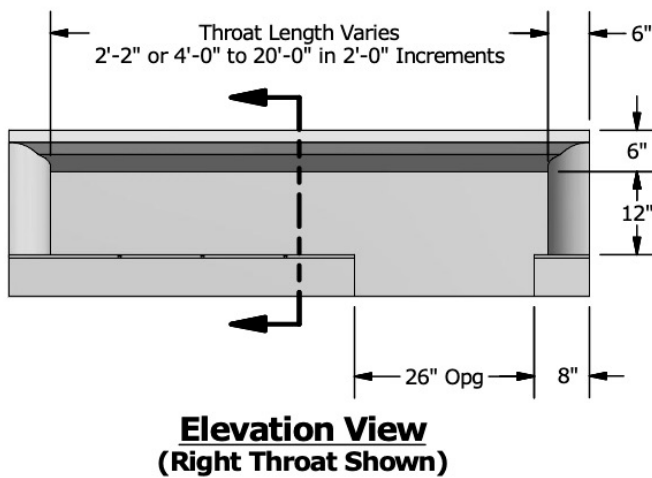
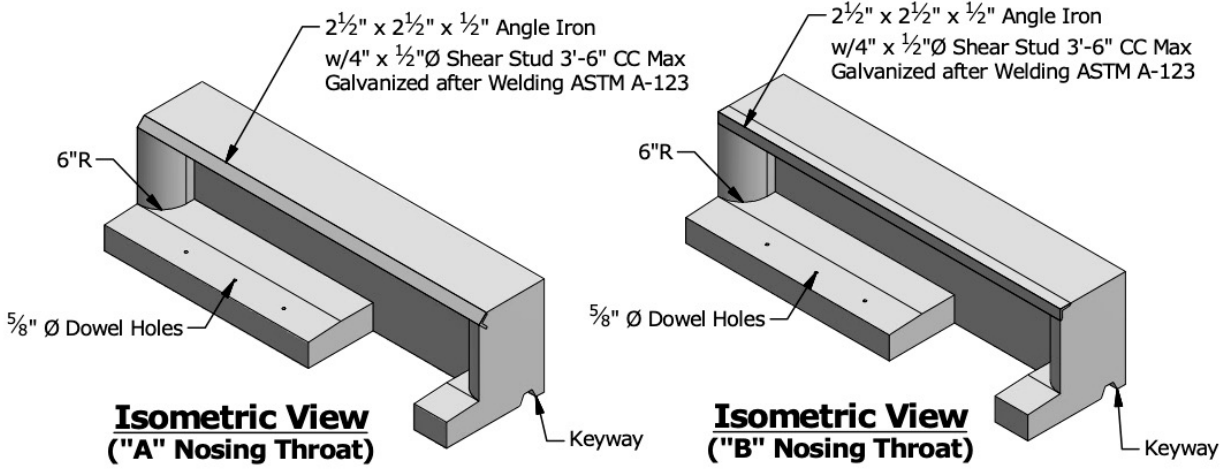


Isometric View

NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Rectangular sections conform to ASTM C890 and C913.
4. Throat opening maybe shifted for right, left, or center Inlets.
5. VDOT standard ST-1 steps provided @ 16"CC, aligned vertically for structures with depth of 4'-0" or greater.

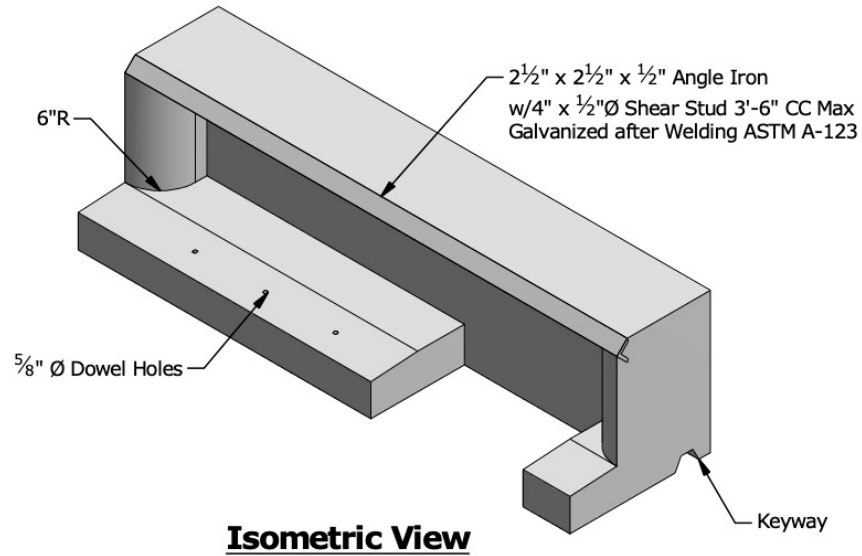
PRECAST DI-2ABC THROAT UNIT



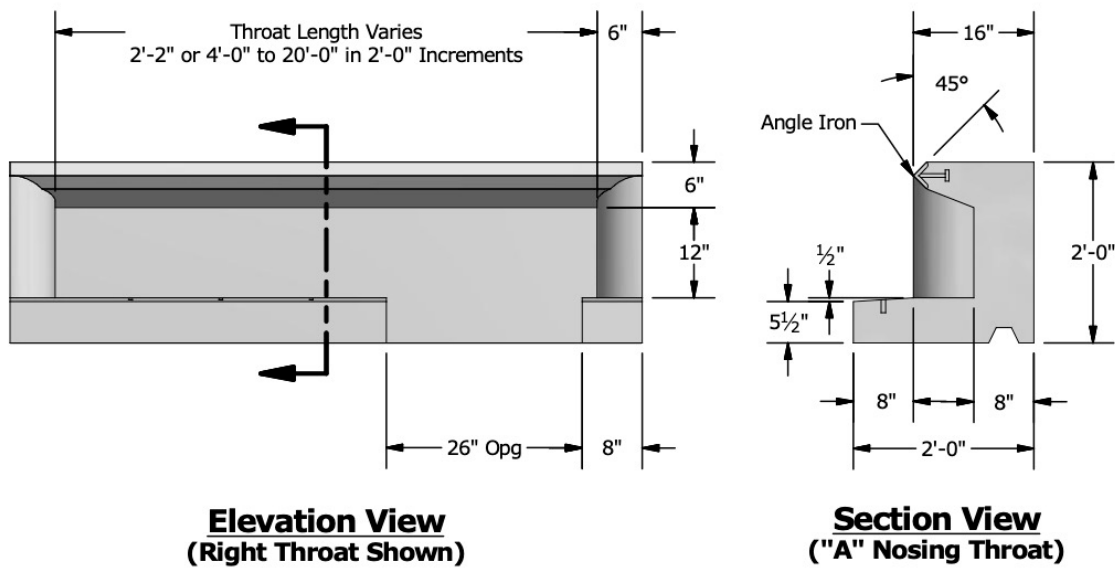
NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Throat openings may be shifted for right, left, or center inlets.

PRECAST DI-2ABC ("A" NOSING) THROAT UNIT



Isometric View



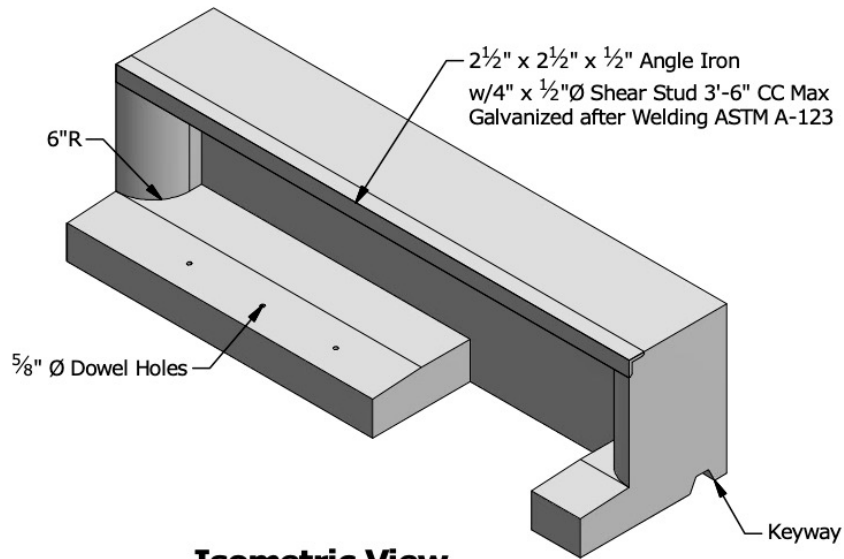
Elevation View
(Right Throat Shown)

Section View
(\"A\" Nosing Throat)

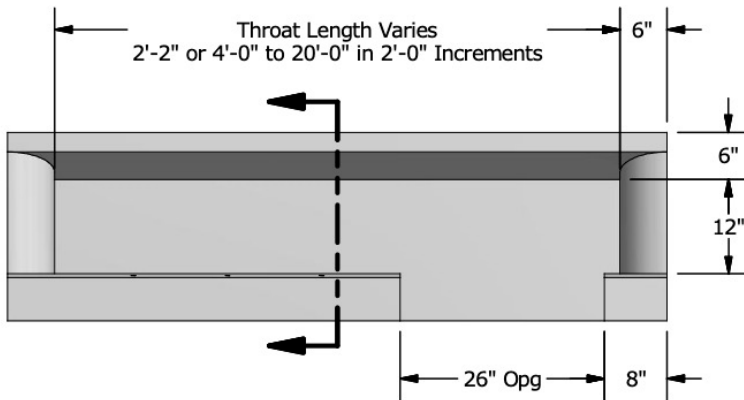
NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Throat openings may be shifted for right, left, or center inlets.

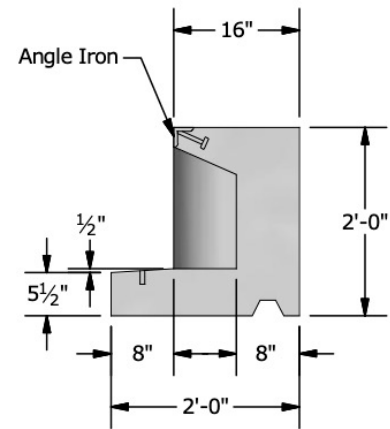
PRECAST DI-2ABC ("B" NOSING) THROAT UNIT



Isometric View



Elevation View
(Right Throat Shown)

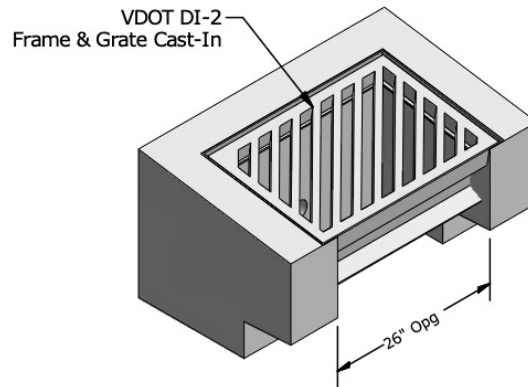


Section View
("B" Nosing Throat)

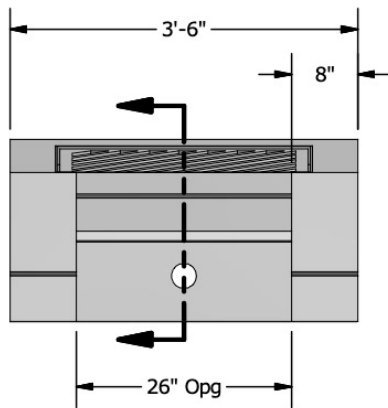
NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Throat openings may be shifted for right, left, or center inlets.

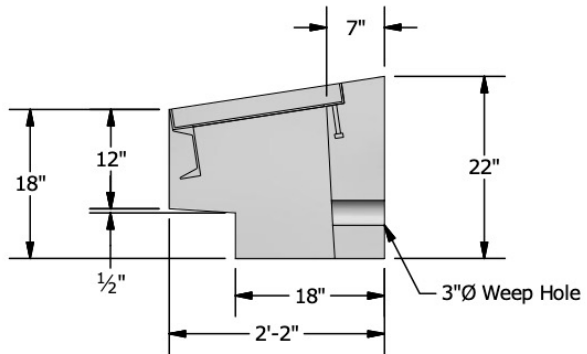
PRECAST DI-2ABC GRATE UNIT FOR ROUND BASE



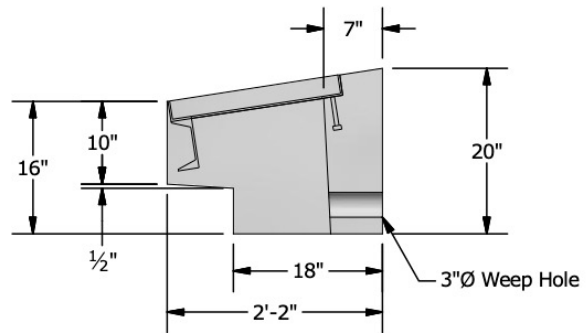
Isometric View



Elevation View



Section View
(For "A" Nosing Round Base)

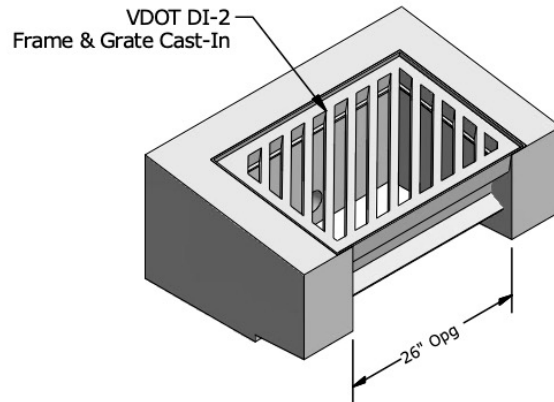


Section View
(For "B" Nosing Round Base)

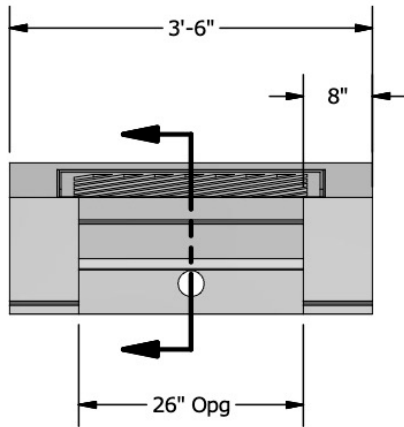
NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.

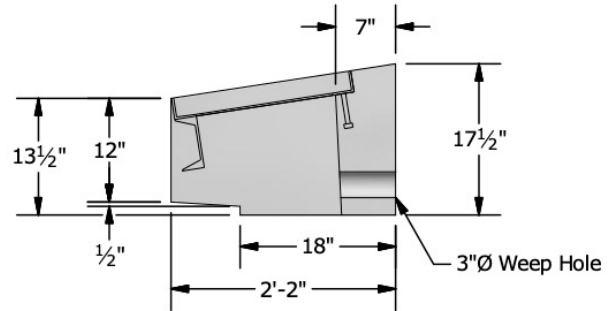
PRECAST DI-2ABC GRATE UNIT FOR BOX BASE



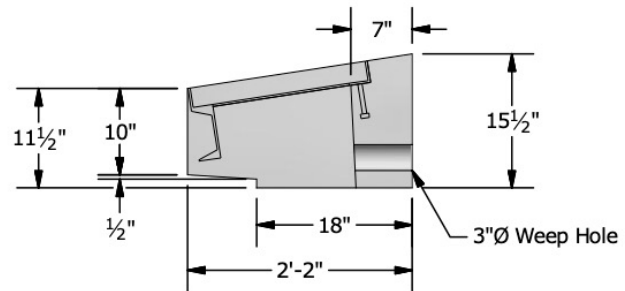
Isometric View



Elevation View



**Section View
(For "A" Nosing Box Base)**

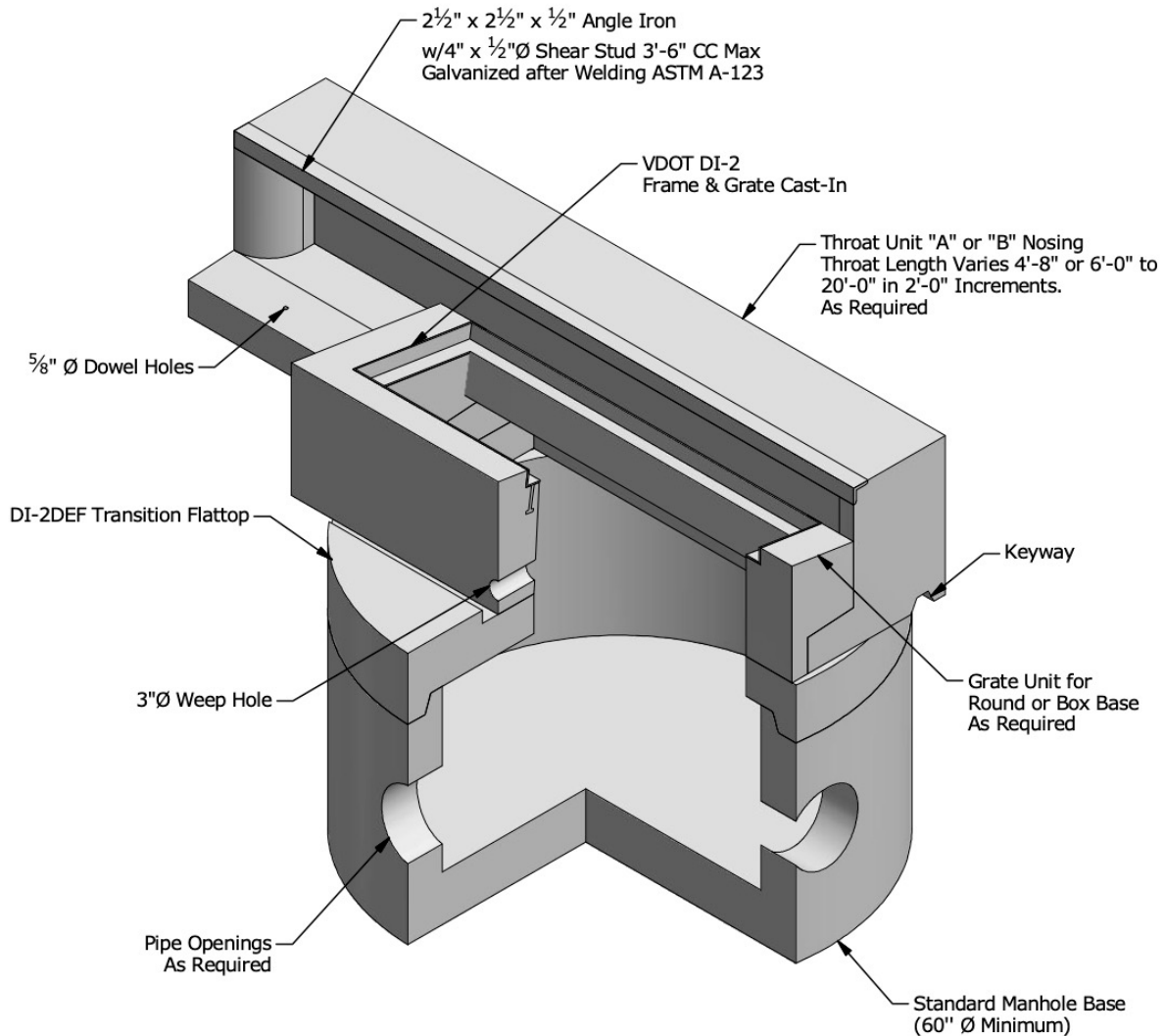


**Section View
(For "B" Nosing Box Base)**

NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.

PRECAST DI-2DEF INLET ROUND

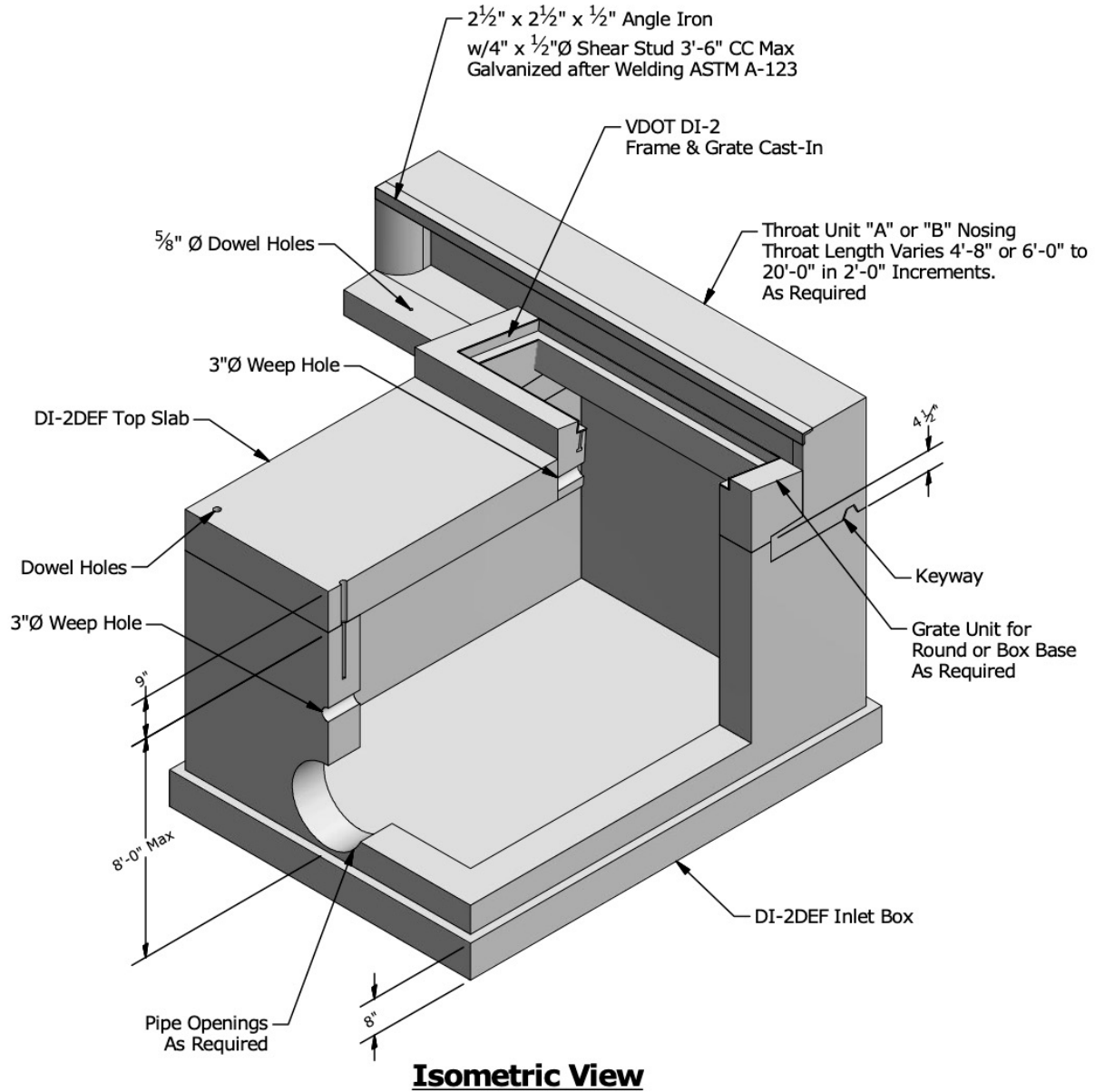


Isometric View

NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Manhole sections conform to ASTM C478/ AASHTO M199.
4. Throat opening maybe shifted for right, left, or center Inlets.
5. VDOT standard ST-1 steps provided @ 16"CC, aligned vertically for structures with depth of 4'-0" or greater.
6. Throat Length Varies 4'-8" or 6'-0" to 20'-0" in 2'-0" Increments.

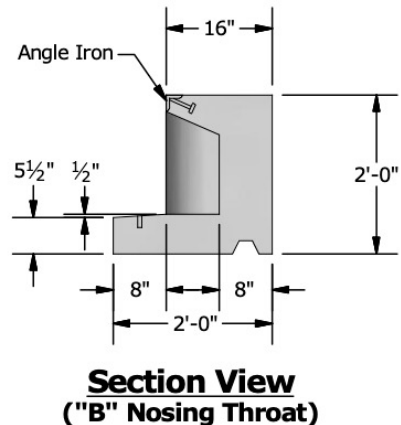
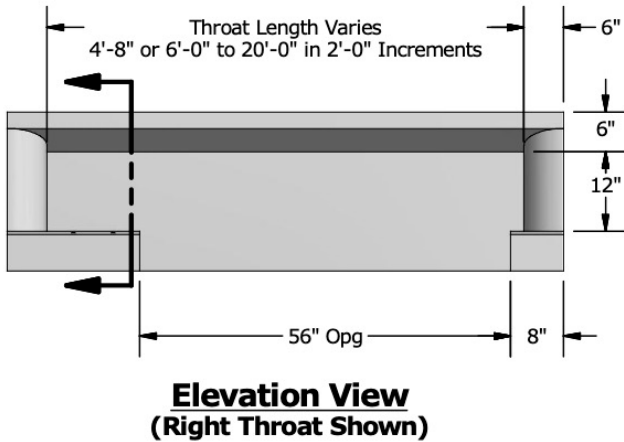
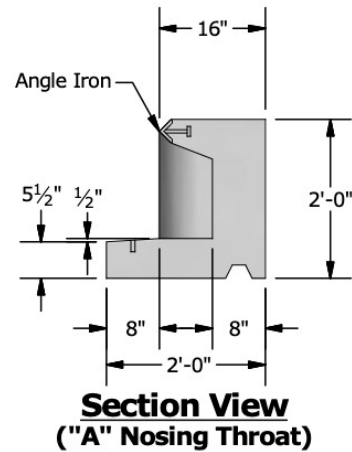
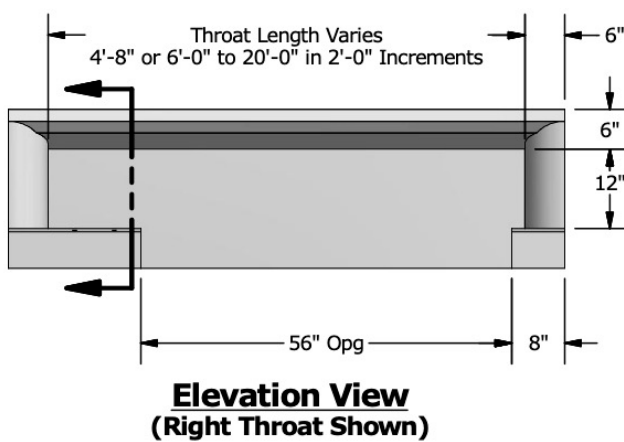
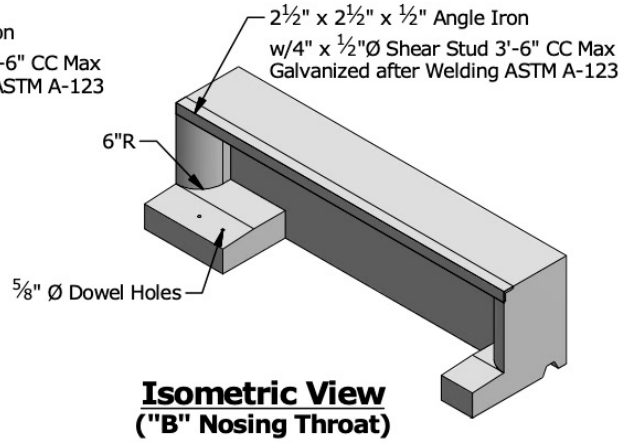
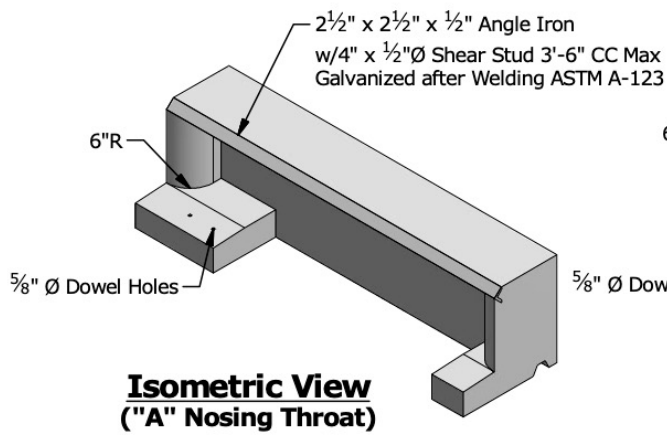
PRECAST DI-2DEF INLET BOX



NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Rectangular sections conform to ASTM C890 and C913.
4. Throat opening maybe shifted for right, left, or center Inlets.
5. VDOT standard ST-1 steps provided @ 16"CC, aligned vertically for structures with depth of 4'-0" or greater.
6. Throat Length Varies 4'-8" or 6'-0" to 20'-0" in 2'-0" Increments.

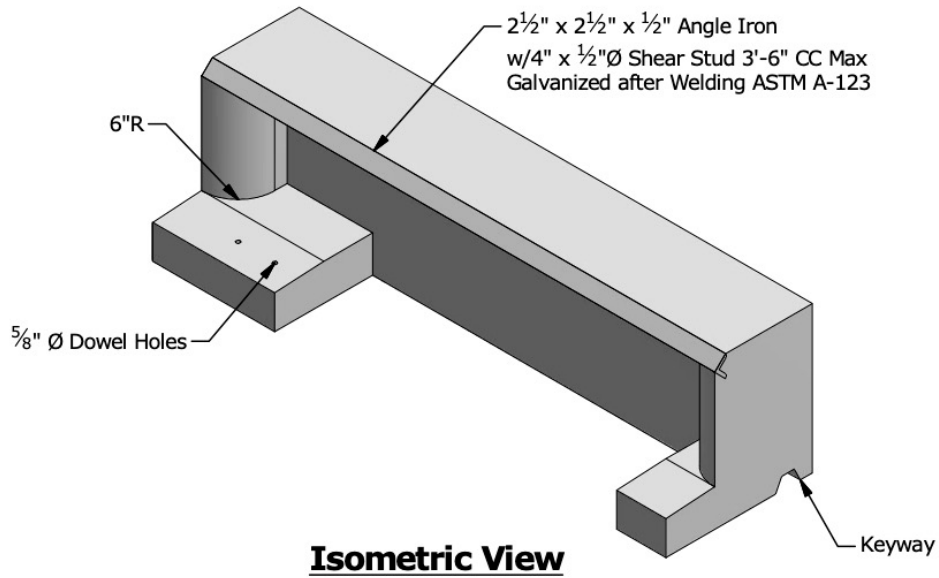
PRECAST DI-2DEF THROAT UNIT



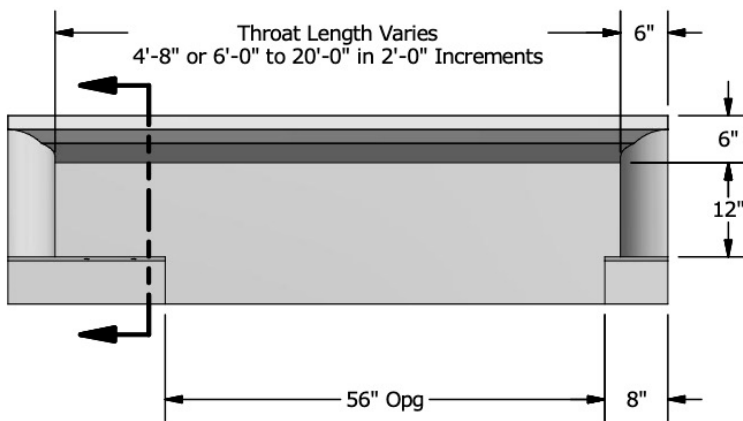
NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Throat openings may be shifted for right, left, or center inlets.

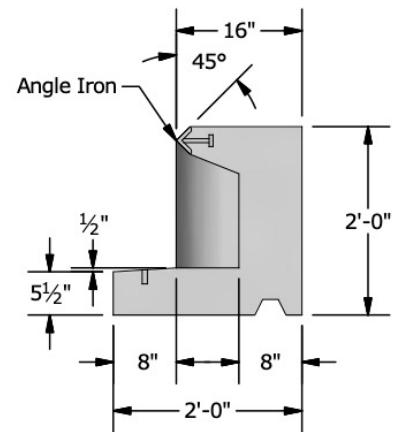
PRECAST DI-2DEF ("A" NOSING) THROAT UNIT



Isometric View



**Elevation View
(Right Throat Shown)**

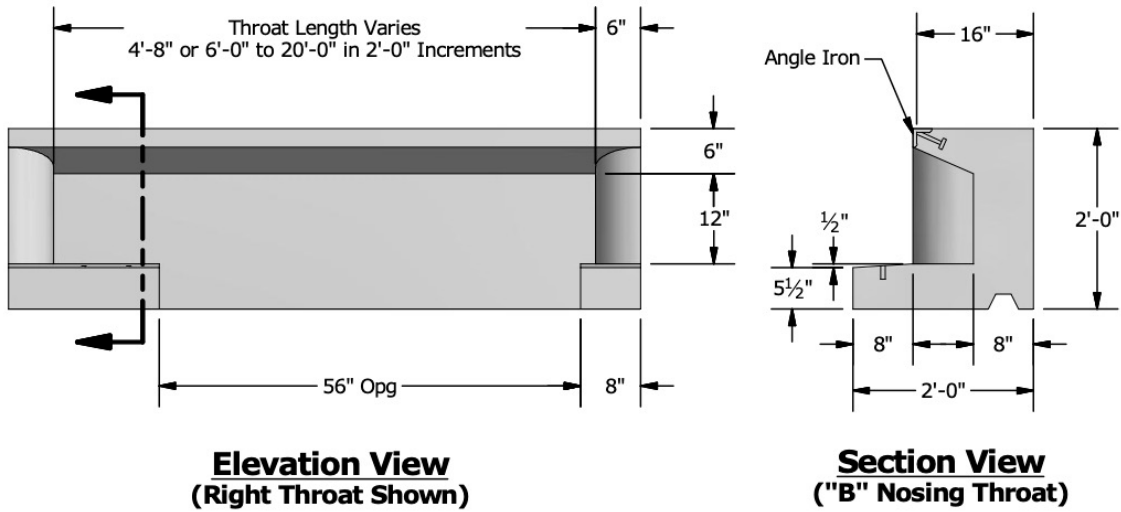
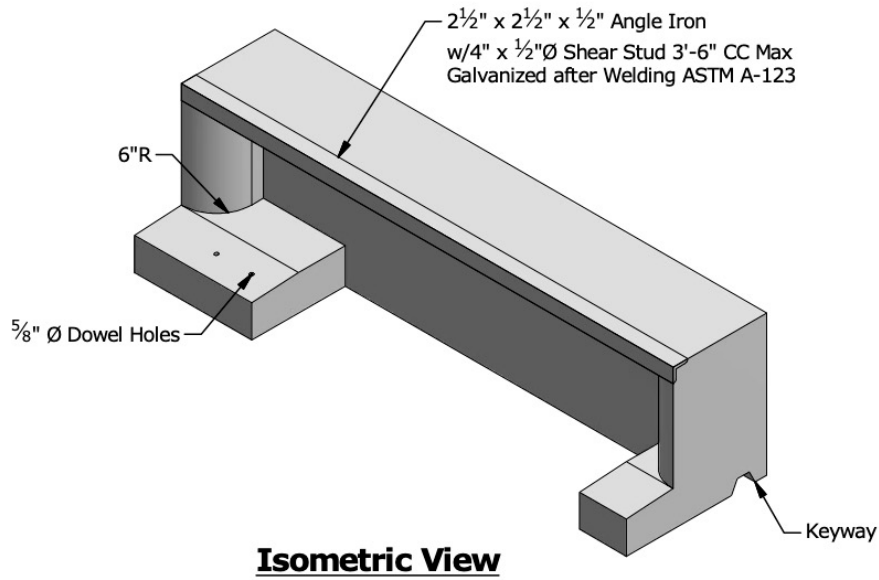


**Section View
('A' Nosing Throat)**

NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Throat openings may be shifted for right, left, or center inlets.

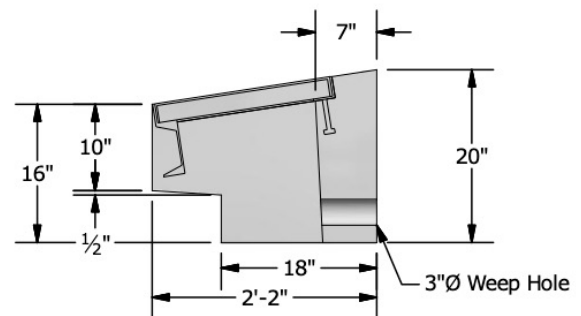
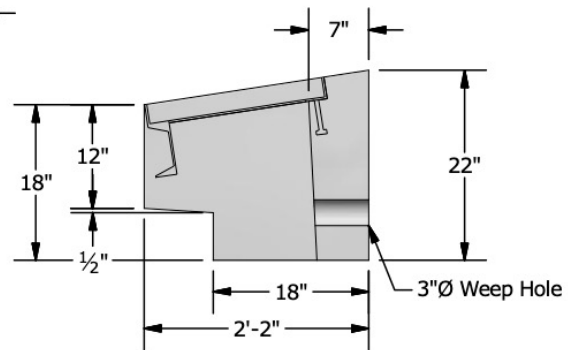
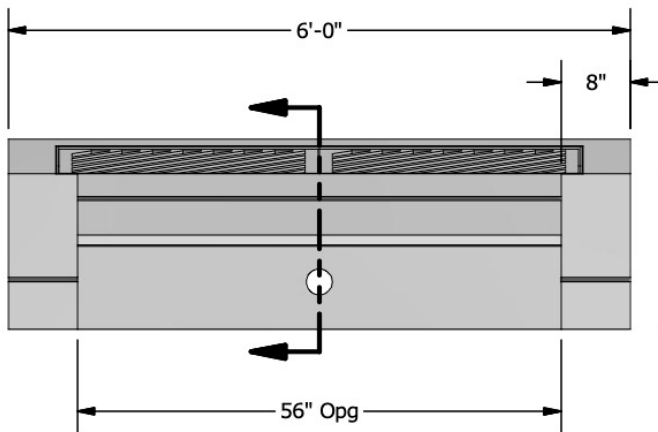
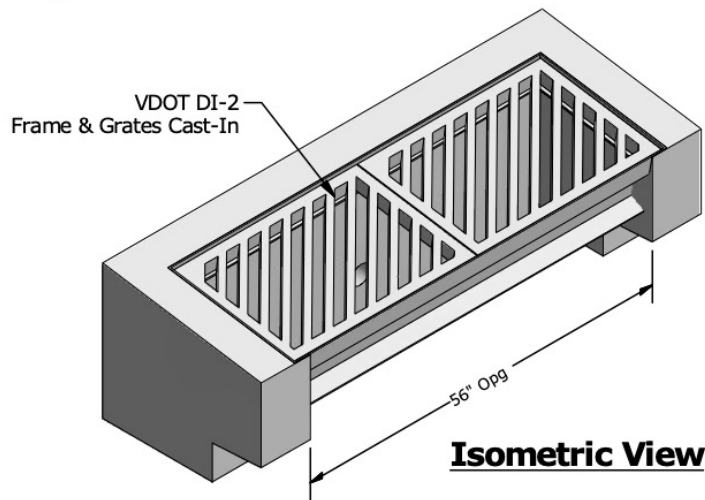
PRECAST DI-2DEF ("B" NOSING) THROAT UNIT



NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Throat openings may be shifted for right, left, or center inlets.

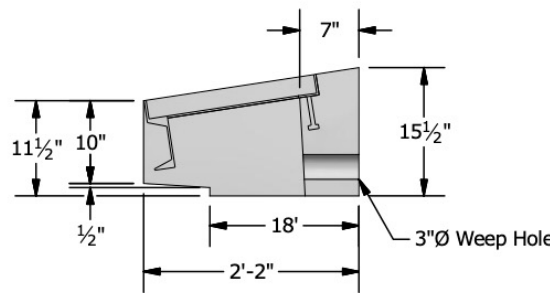
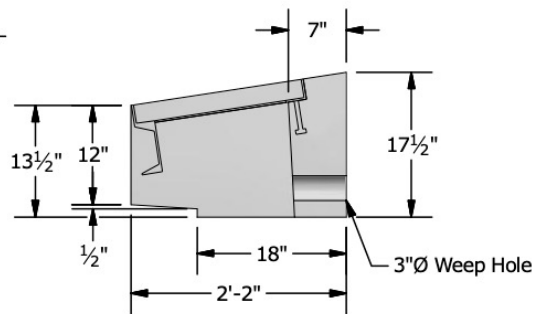
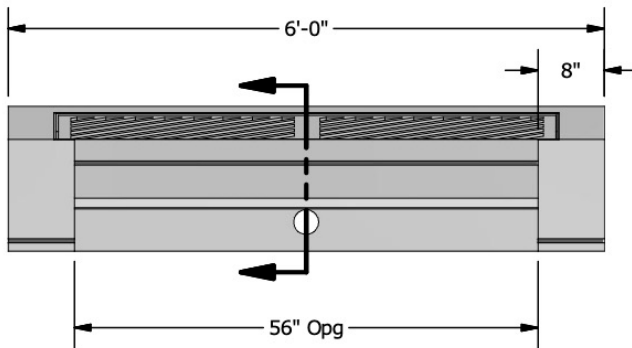
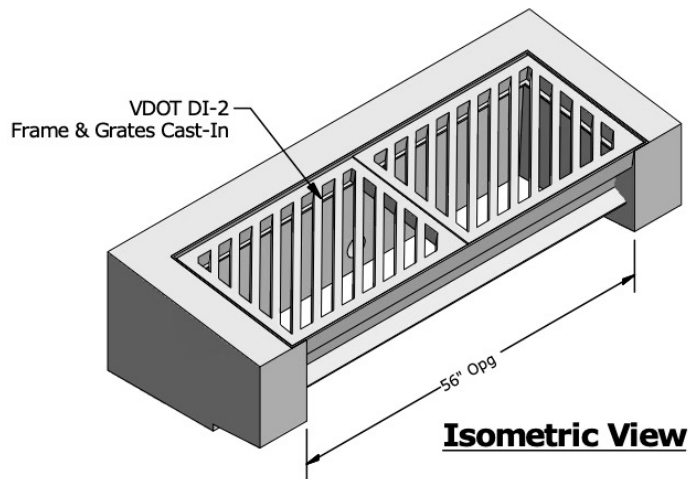
PRECAST DI-2DEF GRATE UNIT FOR ROUND BASE



NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.

PRECAST DI-2DEF GRATE UNIT FOR BOX BASE

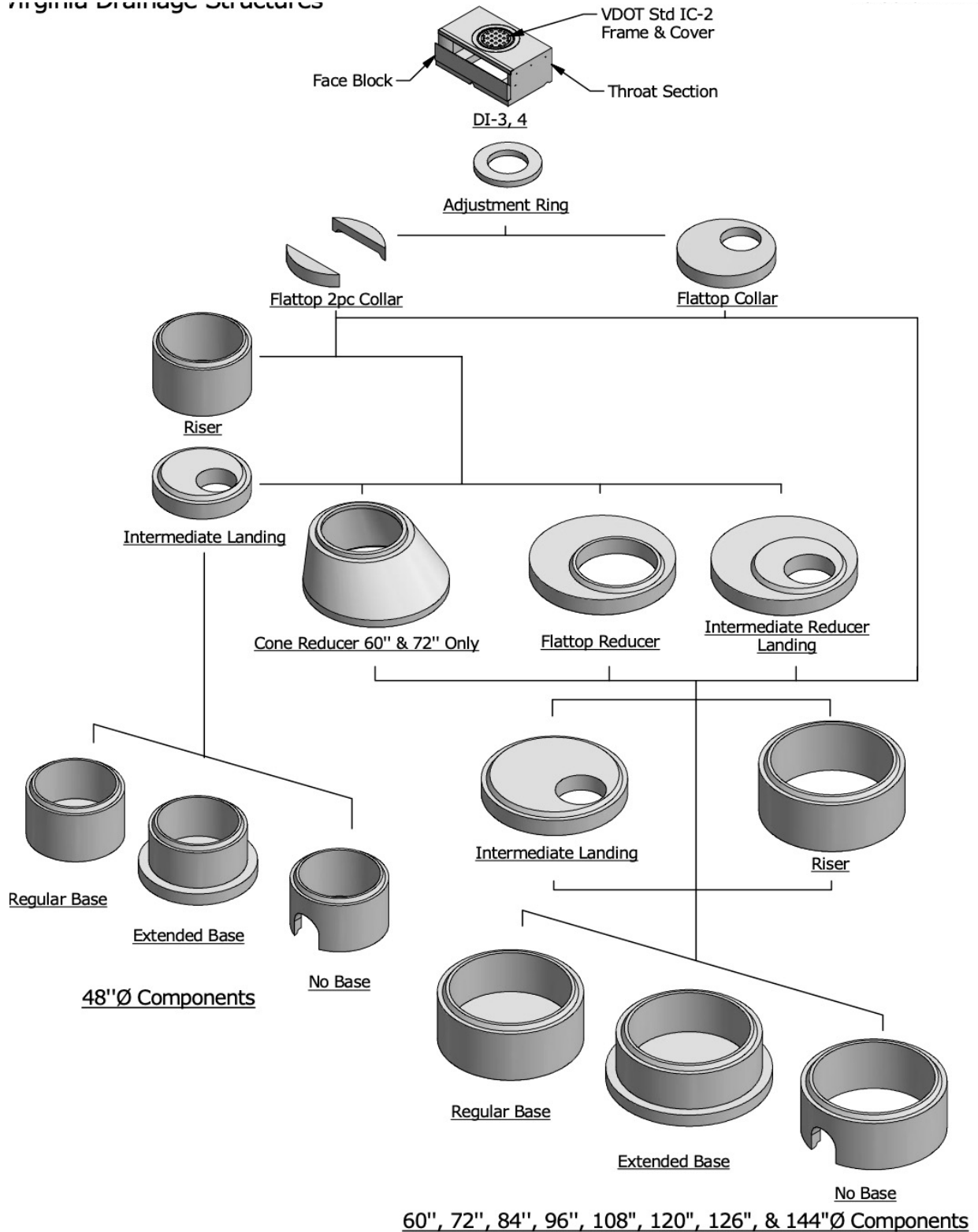


NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.

PRECAST DI-3, 4 TOP UNIT ASSEMBLY DIAGRAM

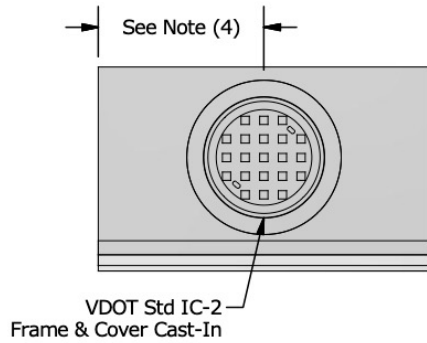
Virginia Drainage Structures



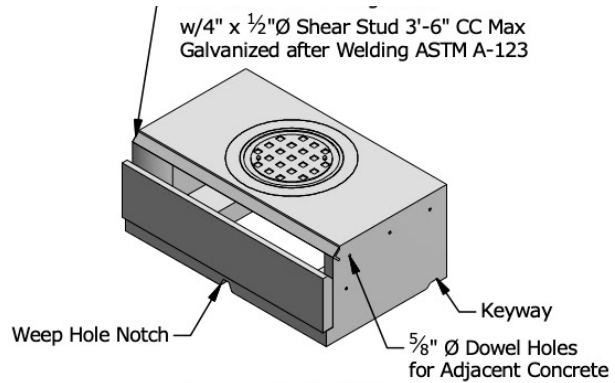
NOTES

1. This drawing represents most common stacking orientations, additional stacking options may be available.
2. Manhole components to be per ASTM C478.

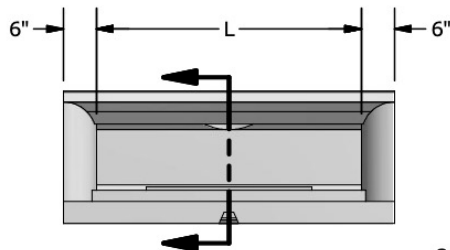
PRECAST DI-3, 4 THROAT SECTION TOP UNIT



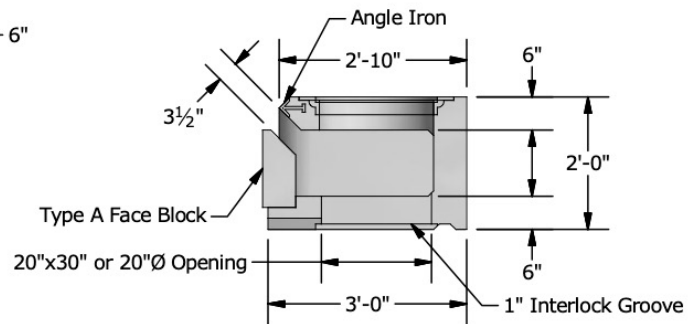
Plan View
("A" Nosing)



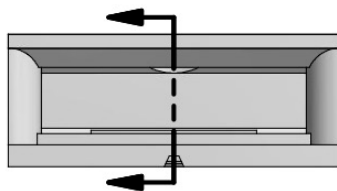
Isometric View
("A" Nosing)



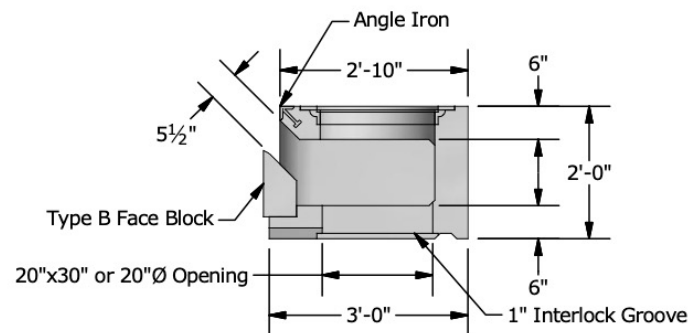
Elevation View
(Throat Face Block Not Shown for Clarity)



Section View
("A" Nosing-LA)



Elevation View
(Throat Face Block Not Shown for Clarity)



Section View
("B" Nosing-LA)

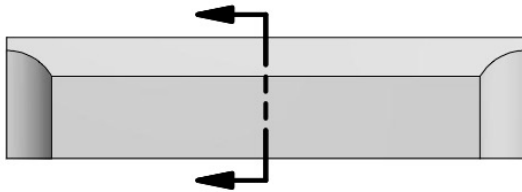
NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Throat Face Block poured as separate piece, contractor to install in field.
4. Opening and weep hole centered or may be shifted for left or right when L is greater than 4'-0".

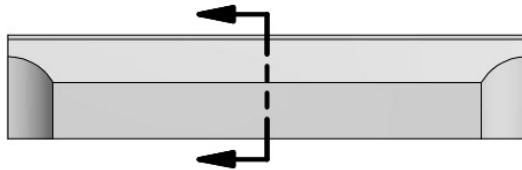
**PRECAST DI-3, 4 THROAT FACE BLOCKS
(LA & LH)**



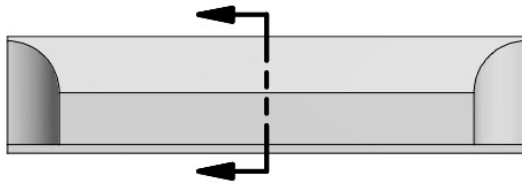
**Plan View
("A" Nosing-LA Shown)**



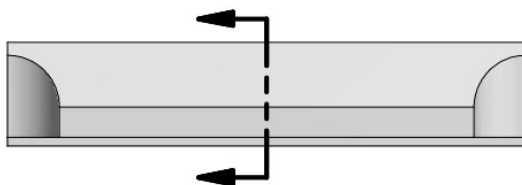
**Elevation View
("A" Nosing Throat-LA)**



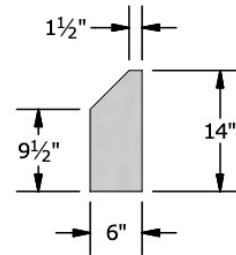
**Elevation View
("B" Nosing Throat-LA)**



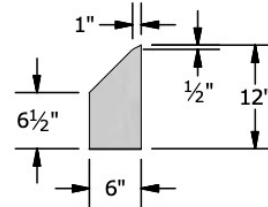
**Elevation View
("A" Nosing Throat-LH)**



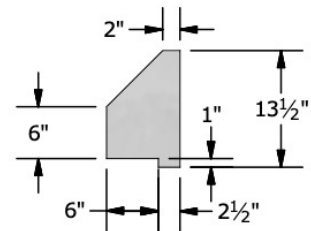
**Elevation View
("B" Nosing Throat-LH)**



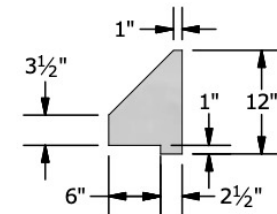
**Section View
("A" Nosing Throat-LA)**



**Section View
("B" Nosing Throat-LA)**



**Section View
("A" Nosing Throat-LH)**

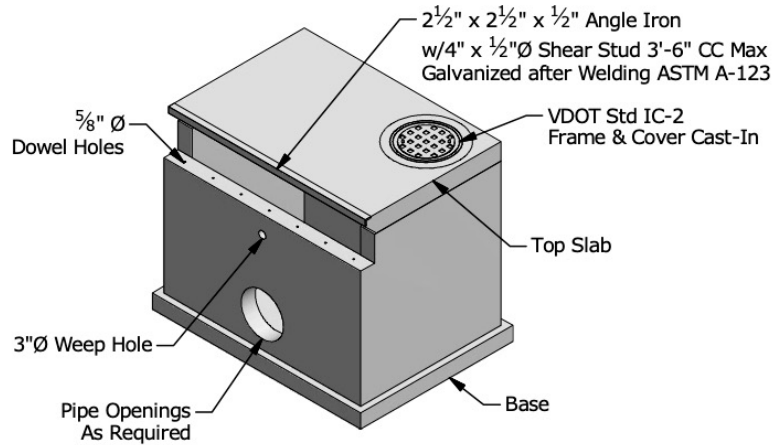


**Section View
("B" Nosing Throat-LH)**

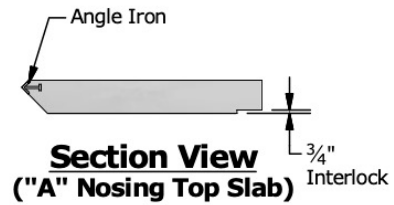
NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. LA=Legacy Americast forms; LH=Legacy Hanson forms.

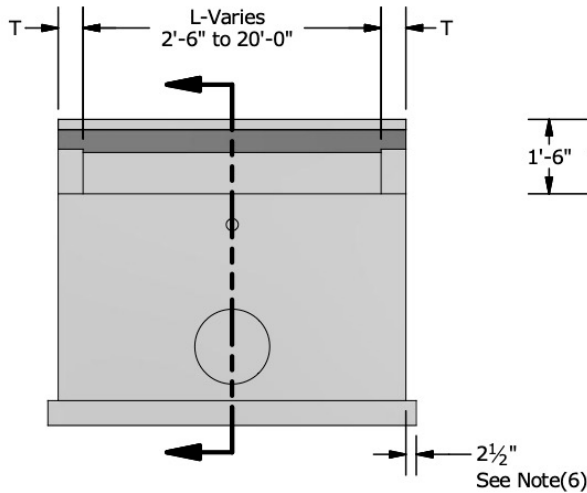
PRECAST SHALLOW DI-3, 4 CURB INLET



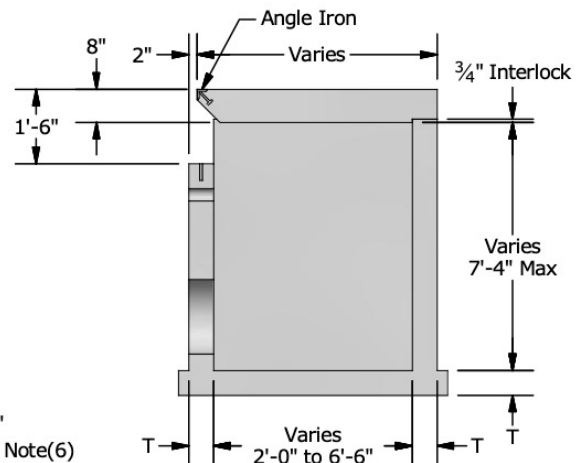
**Isometric View
("B" Nosing)**



**Section View
("A" Nosing Top Slab)**



**Elevation View
("B" Nosing)**



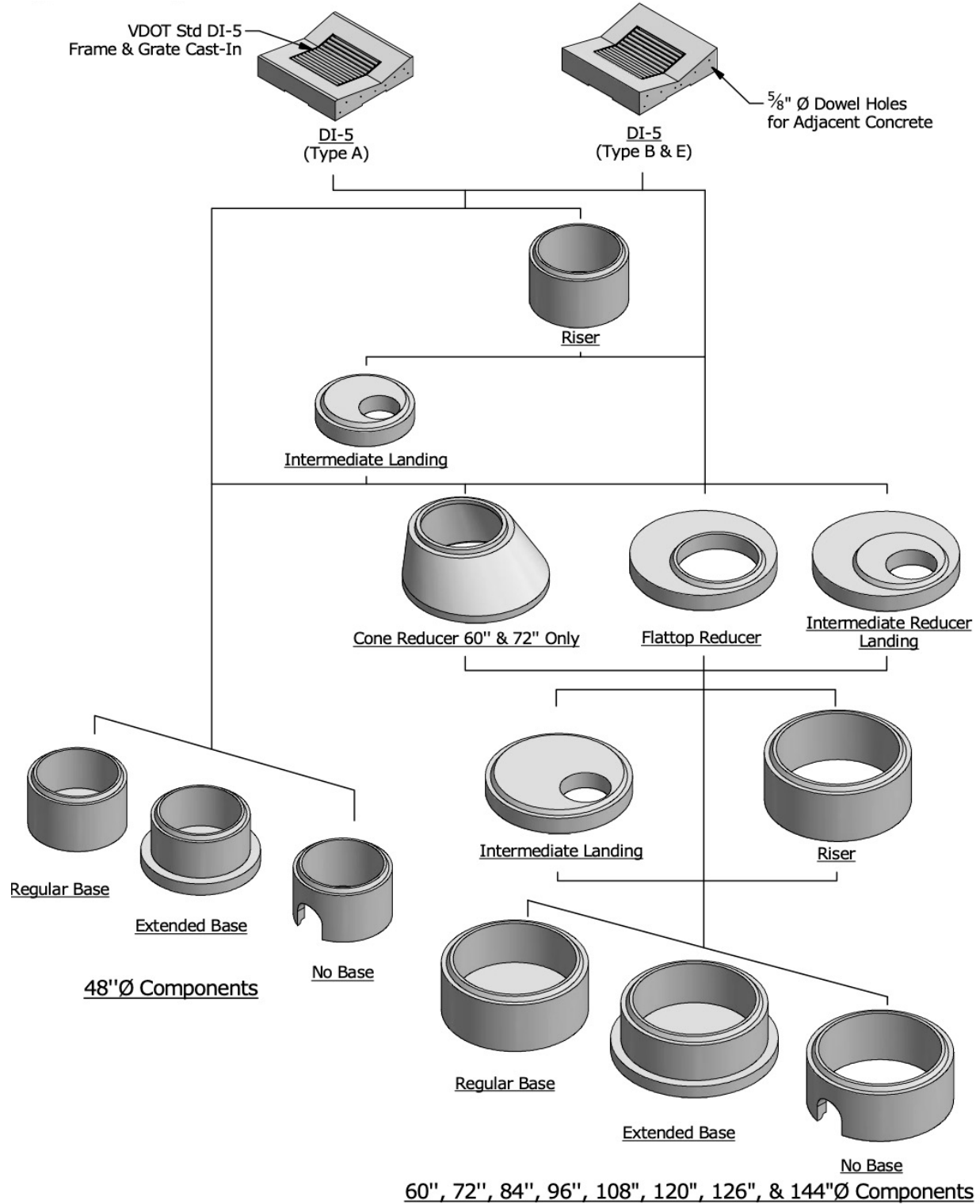
**Section View
("B" Nosing)**

Dimensions	
L	T
2'-6" to 12'-0"	6" Min
> 12'-0"	8"

NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Rectangular sections conform to ASTM C890 and C913.
4. Throat and gutter pan to be poured in the field by others.
5. VDOT standard ST-1 steps provided @ 16"CC, aligned vertically for structures with depth of 4'-0" or greater.
6. Extended base provided at manufacturer's option.
7. Non-traffic loading only.

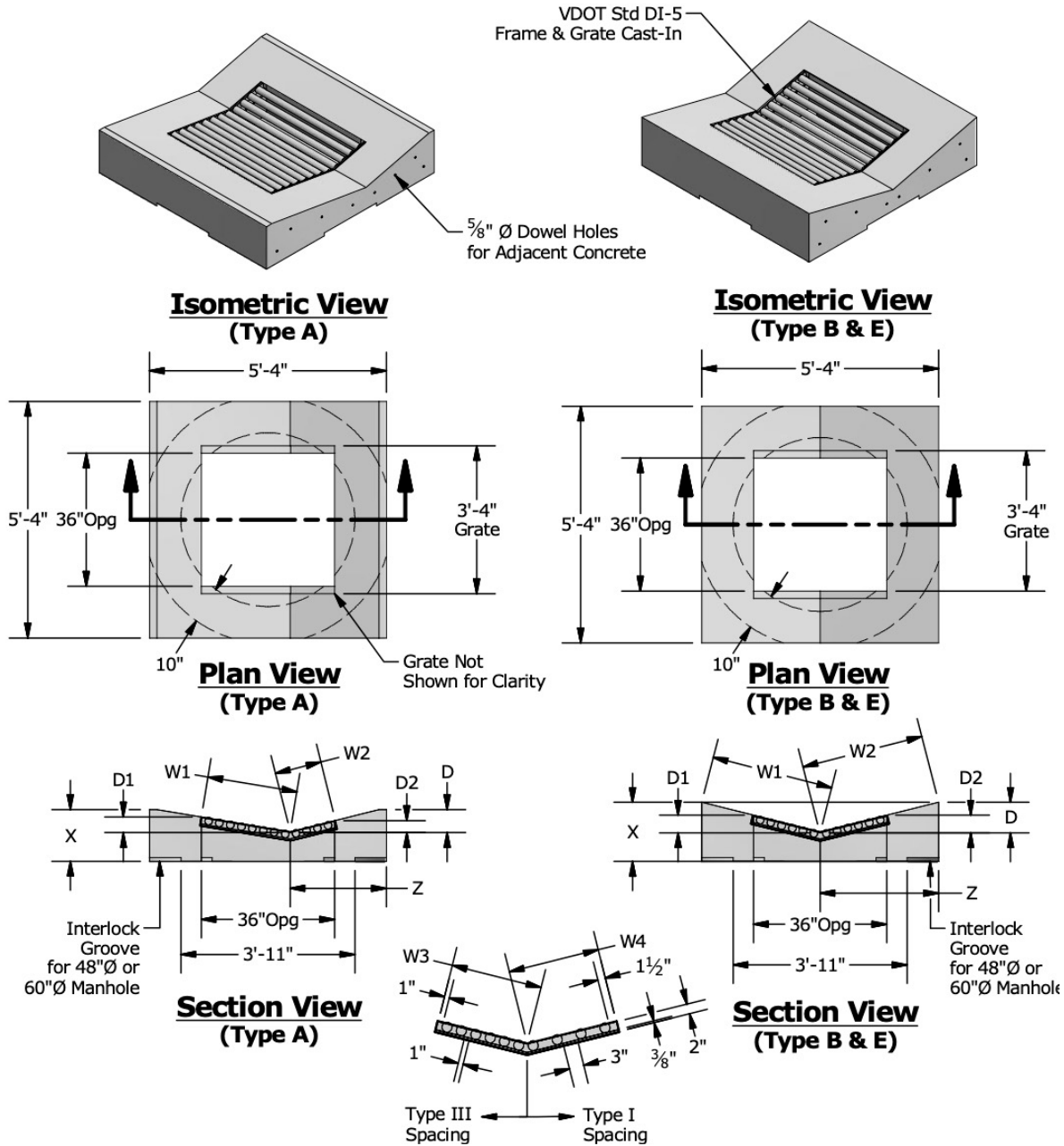
PRECAST DI-5 INLET TOP ASSEMBLY DIAGRAM



NOTES

1. This drawing represents most common stacking orientations, additional stacking options may be available.
2. Manhole components to be per ASTM C478.
3. DI-5 top can set directly on 48" or 60" manholes.

PRECAST DI-5 INLET TOPS

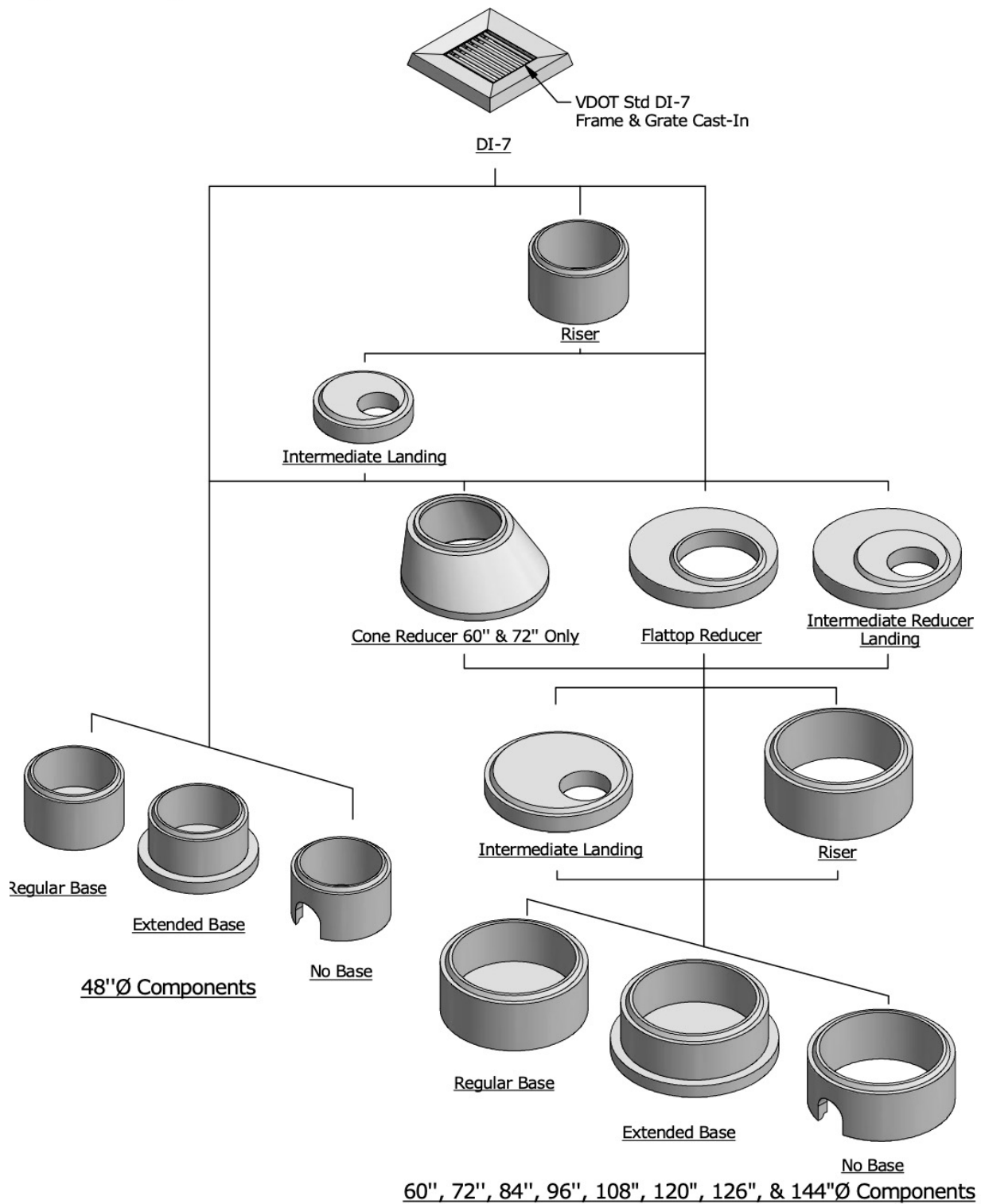


Cover Dimensions and Quantities (*=1/2" Tolerance)									
PG-2A Type	W1	W2	W3	W4	D*	D1	D2	X	Z
A1, A2, A3	3'-0 1/2"	2'-0 3/4"	2'-0 5/16"	1'-0 3/8"	6"	4"	4"	14"	2'-2"
B1, B2, B3, B4, C1, C2, C3	2'-9"	2'-9"	1'-6 9/16"	1'-6 9/16"	8"	4 1/2"	4 1/2"	16"	2'-8"
E	2'-3"	2'-3"	1'-8 1/16"	1'-8 1/16"	12"	8 7/8"	8 7/8"	19"	2'-8"

NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. DI-5 top used for 48" & 60" manholes

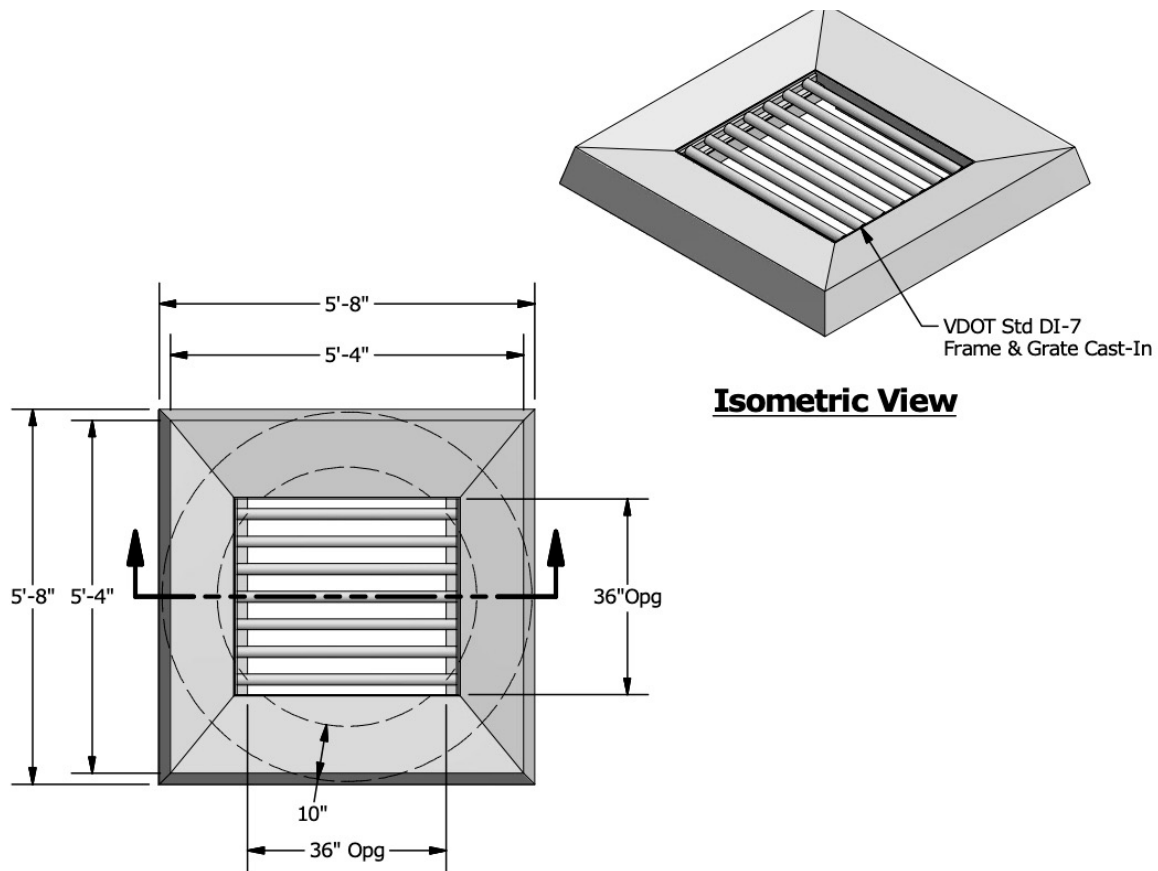
PRECAST DI-7 INLET TOP ASSEMBLY DIAGRAM



NOTES

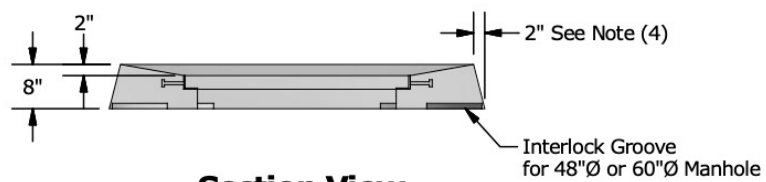
1. This drawing represents most common stacking orientations, additional stacking options may be available.
2. Manhole components to be per ASTM C478.
3. DI-7 top can set directly on 48" or 60" manholes.

PRECAST DI-7 INLET TOP



Isometric View

Plan View



Section View

NOTES

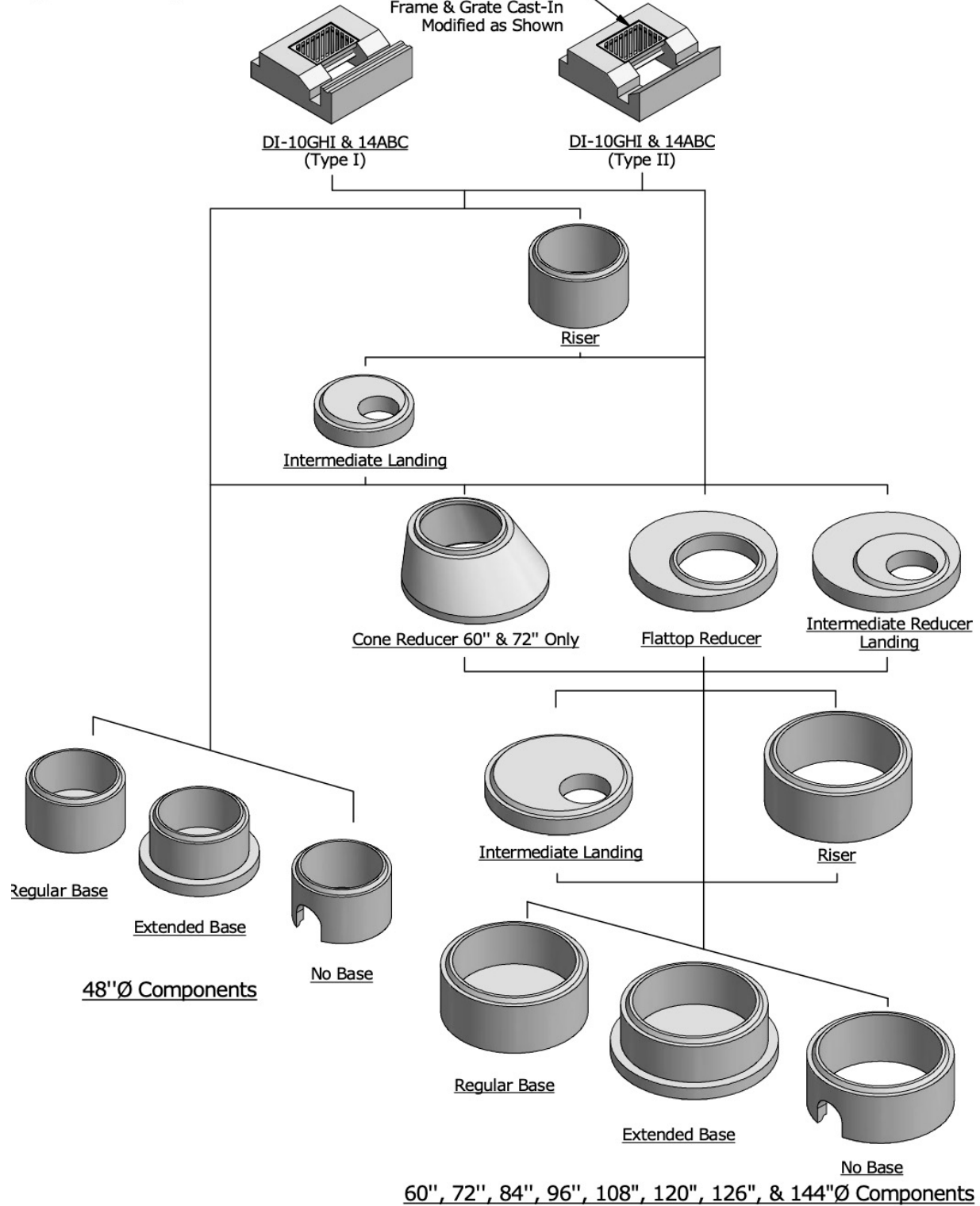
1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Contractor to consult VDOT DI-7 standard for grate details and installation details.
4. Taper to prevent settlement of adjacent cast-in-place concrete.
5. DI-7 top used for 48" & 60" manholes.

PRECAST DI-10GHI & DI-14ABC TYPE I & II INLET TOPS ASSEMBLY DIAGRAM

Virginia Drainage Structures

VDOT Std DI-2
Frame & Grate Cast-In
Modified as Shown

201905281ED01

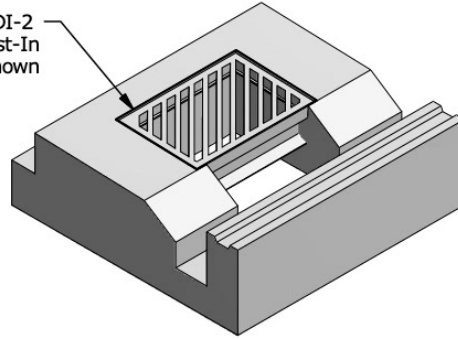


NOTES

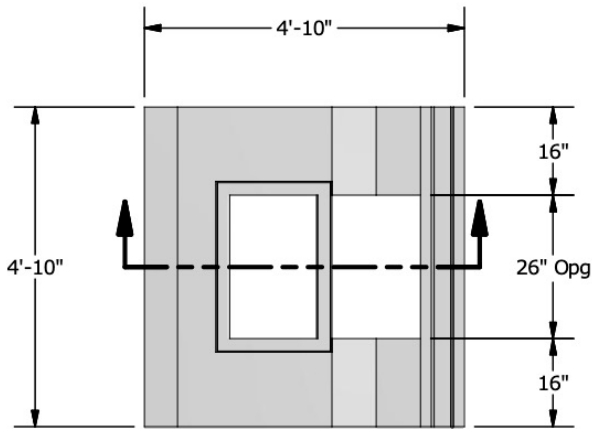
1. This drawing represents most common stacking orientations, additional stacking options may be available.
2. Manhole components to be per ASTM C478.

**PRECAST DI-10GHI & DI-14ABC
TYPE I INLET TOP**

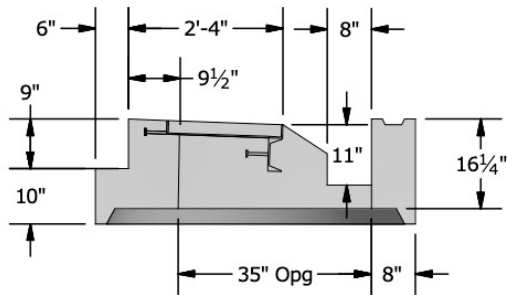
VDOT Std DI-2
Frame & Grate Cast-In
Modified as Shown



Isometric View



Plan View
(Grate Removed for Clarity)



Section View

NOTES

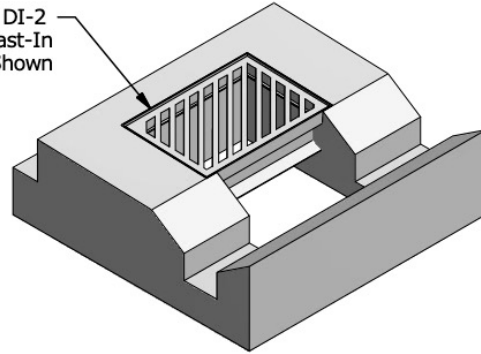
1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Barrier, Throat, and nosing (galvanized angle) to be provided by others.
4. Dowel holes provided to prevent settlement of adjacent concrete.
5. "Center" orientation shown for clarity, other orientations as required.

PRECAST DI-10GHI & DI-14ABC
TYPE II INLET TOP

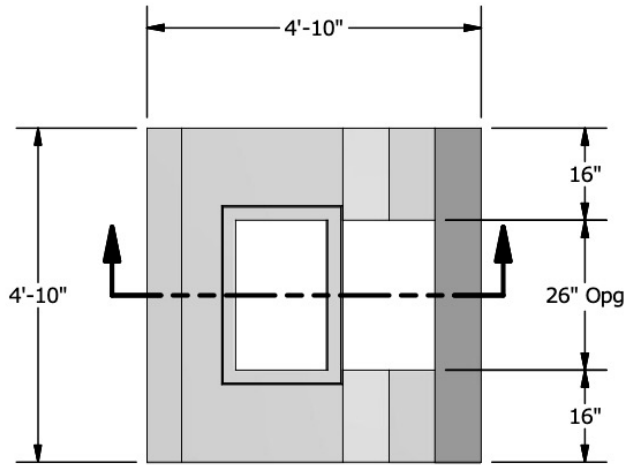
Virginia Drainage Structures

201901021ED34

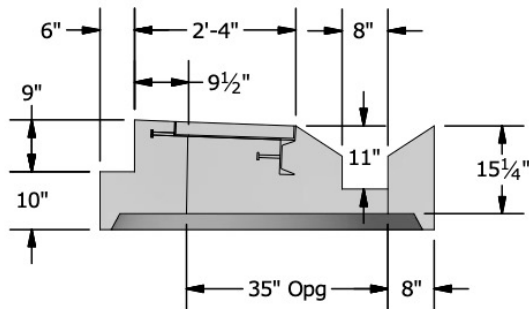
VDOT Std DI-2
Frame & Grate Cast-In
Modified as Shown



Isometric View



Plan View
(Grate Removed for Clarity)

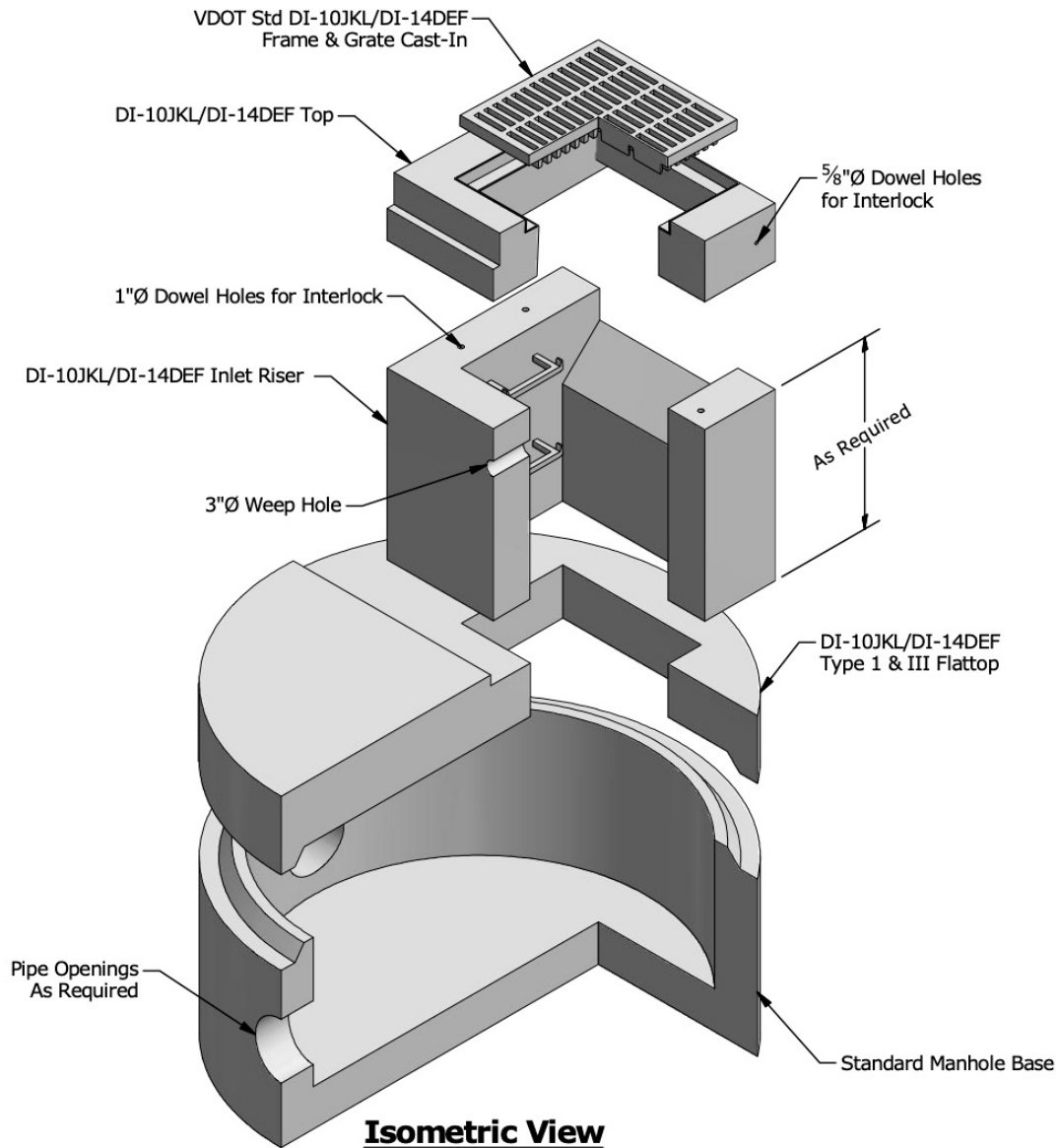


Section View

NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Barrier, Throat, and nosing (galvanized angle) to be provided by others.
4. Dowel holes provided to prevent settlement of adjacent concrete.
5. "Center" orientation shown for clarity, other orientations as required.

**PRECAST DI-10JKL & DI-14DEF
TYPE I & III INLET WITH FLATTOP ASSEMBLY**



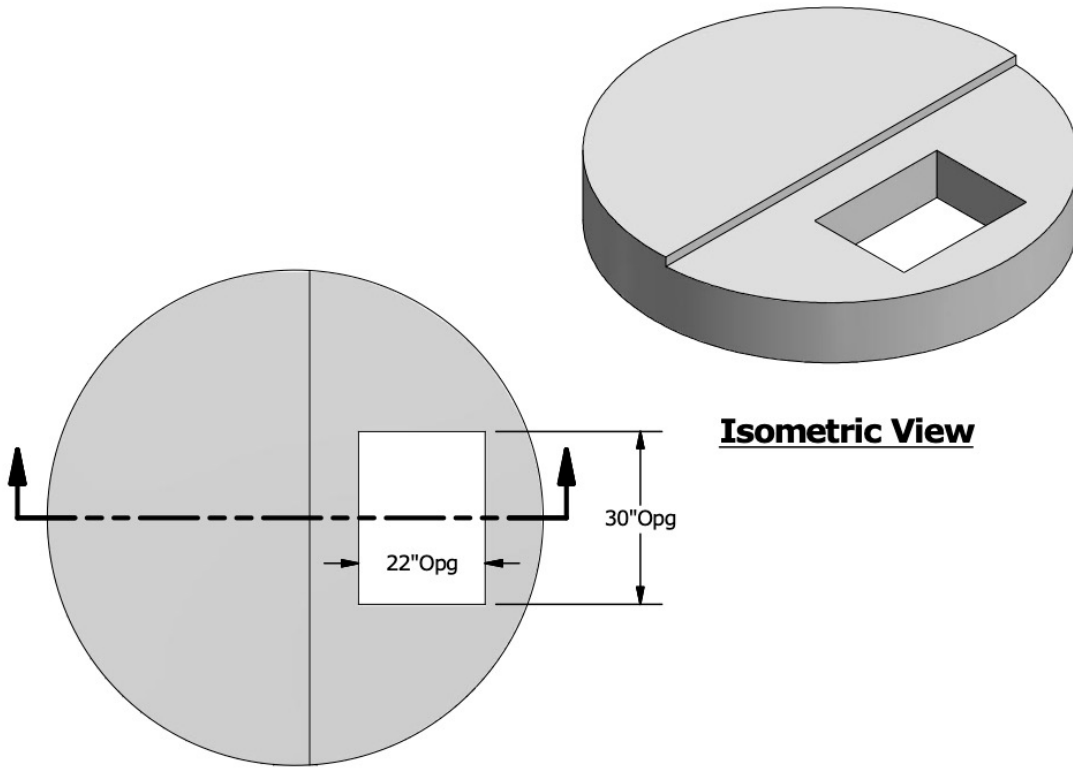
NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Manhole sections conform to ASTM C478 & AASHTO M199.
4. Rectangular sections conform to ASTM C890 & C913.
5. Steps may be provided at 16" spacing, aligned vertically.
6. Barrier, Throat, and nosing (galvanized angle) to be provided by others.

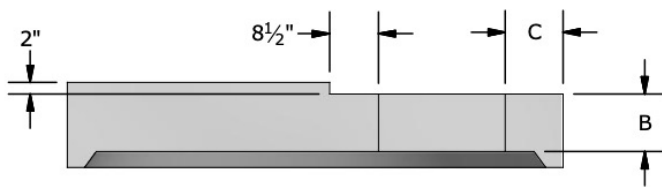
**PRECAST FLATTOP FOR DI-10JKL & DI-14DEF
TYPE I & III**

Virginia Drainage Structures

Z01905281ED02



**Plan View
(Grate Not Shown for Clarity)**



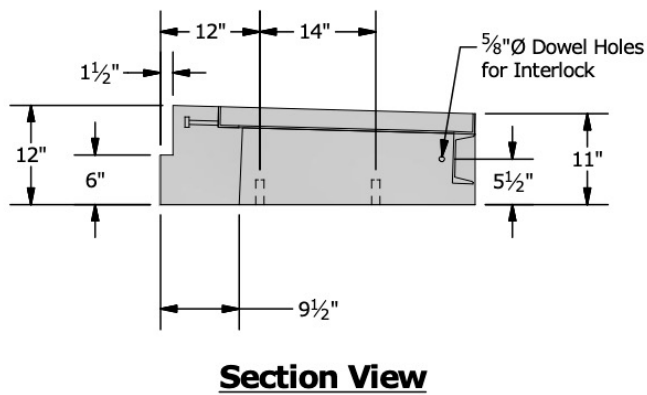
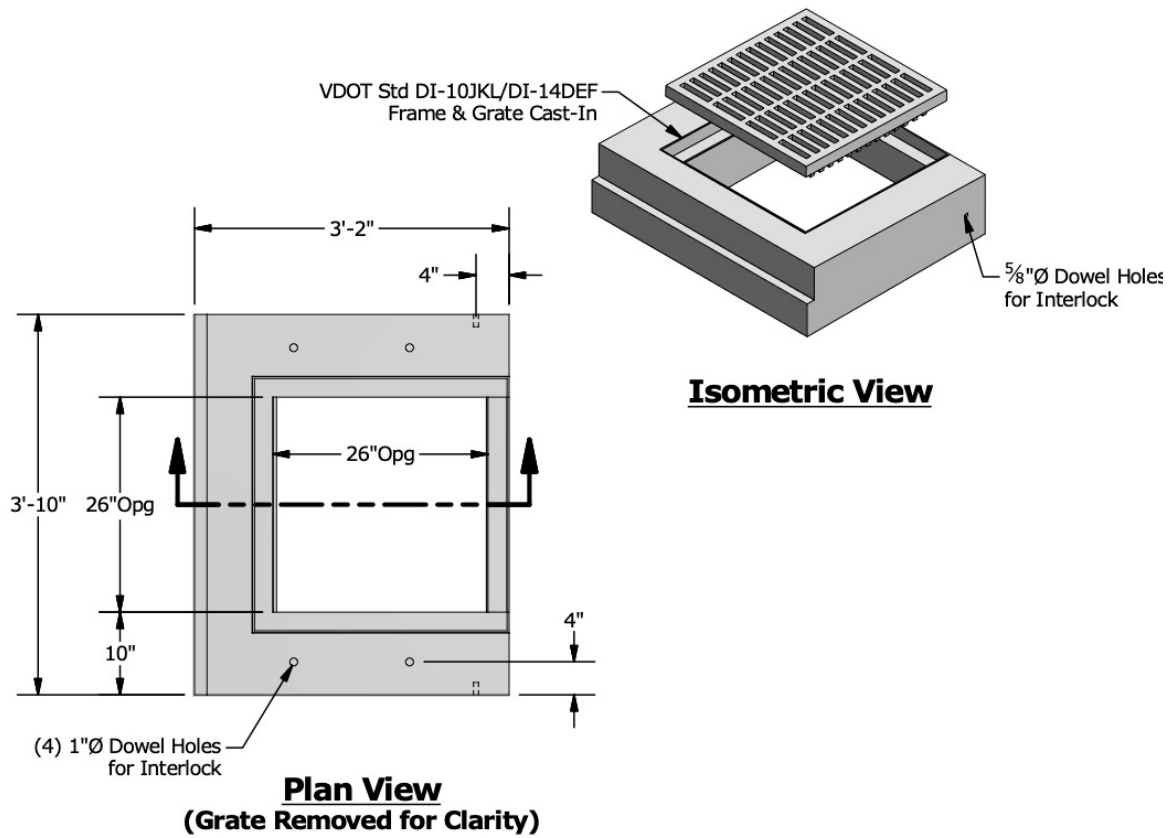
Section View

DIM	48" ID	60" ID	72" ID	84" ID	96" ID	108" ID	120" ID	126" ID	144" ID
A	58"	72"	86"	100"	114"	128"	140"	147"	168"
B	10"	10"	10"	10"	12"	12"	12"	12"	12"
C	11 1/2"	10"	10 1/2"	11"	11 1/2"	12"	12"	14"	14"

NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.

PRECAST DI-10JKL & DI-14DEF INLET TOP



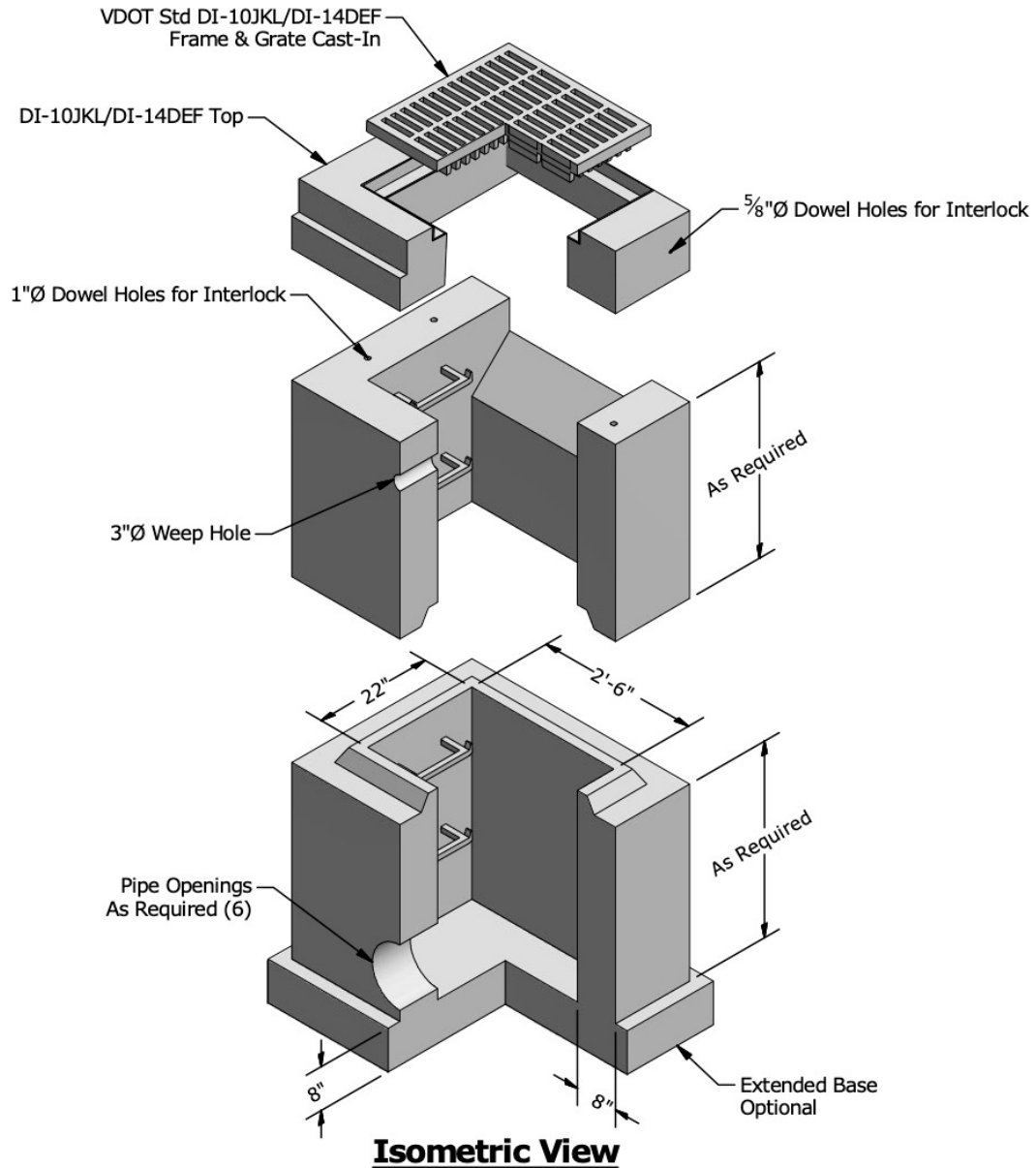
NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Barrier, Throat, and nosing (galvanized angle) to be provided by others.
4. Dowel holes provided to prevent settlement of adjacent concrete.

PRECAST DI-10JKL & DI-14DEF TYPE I & III INLET

Virginia Drainage Structures

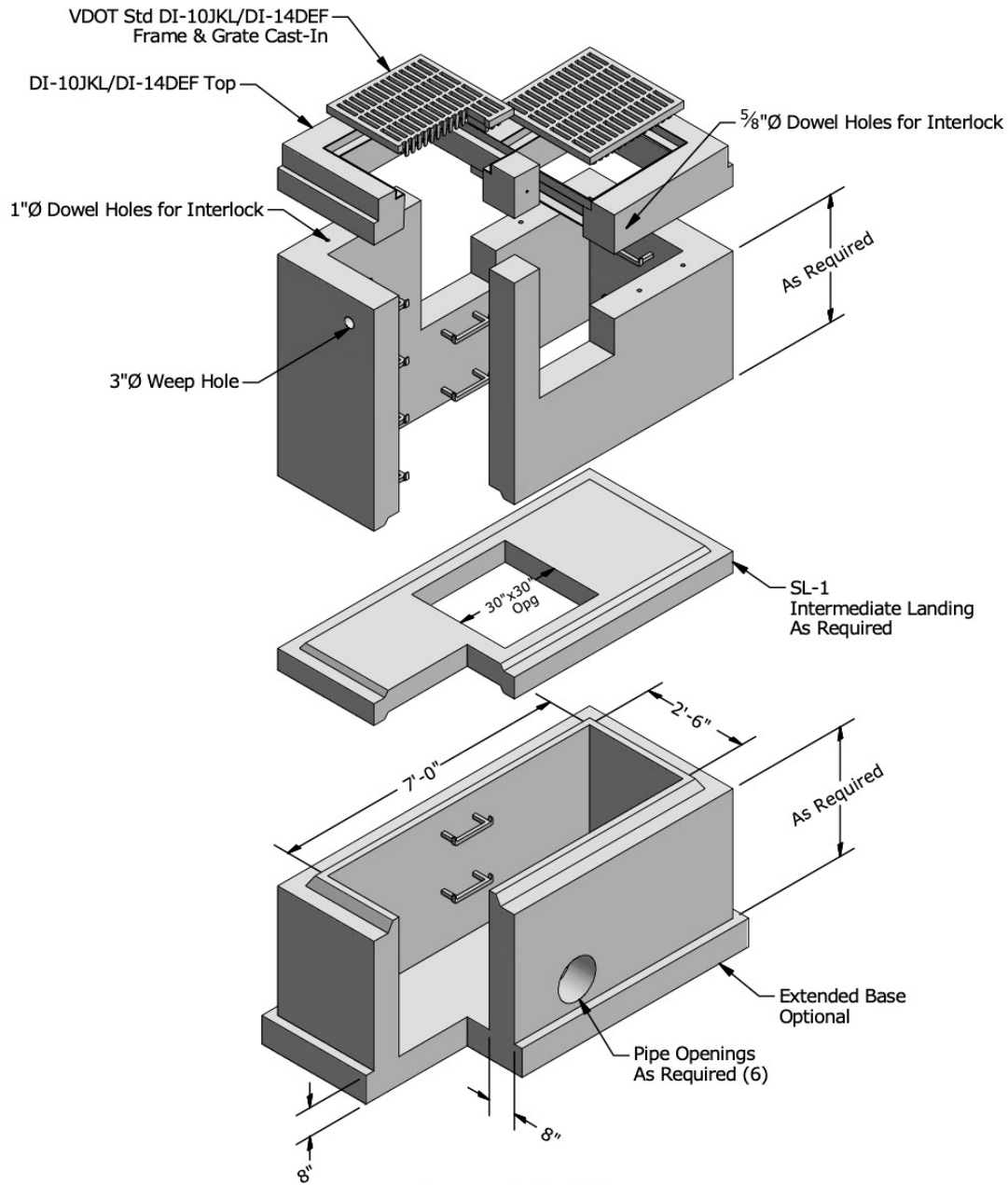
201901021ED30



NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Rectangular sections conform to ASTM C890 & C913.
4. Steps may be provided at 16" spacing, aligned vertically.
5. Barrier, Throat, and nosing (galvanized angle) to be provided by others.
6. Max pipe size = 24".

PRECAST DI-10JKL & DI-14DEF TYPE II INLET



Isometric View

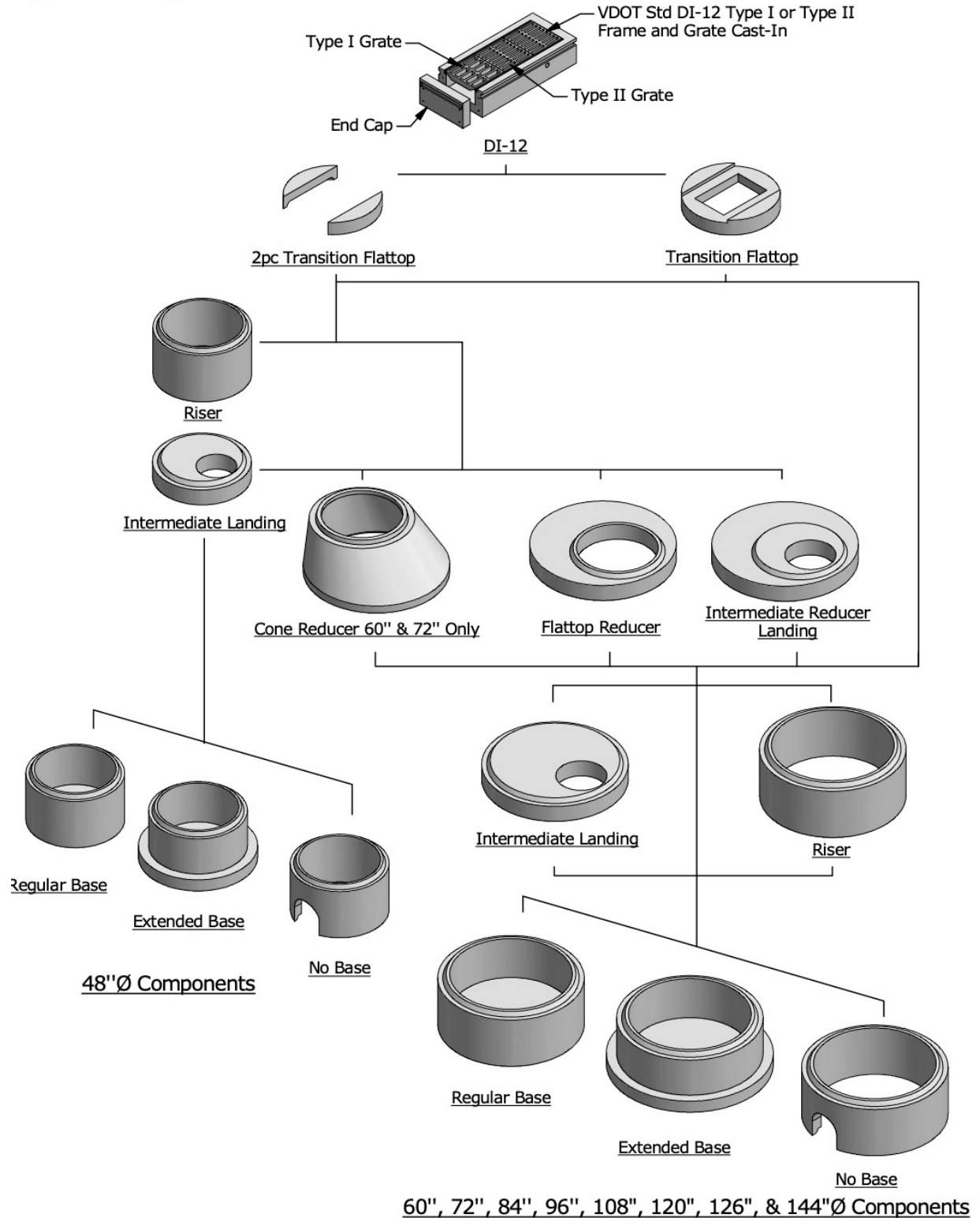
NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Rectangular sections conform to ASTM C890 & C913.
4. Steps may be provided at 16" spacing, aligned vertically.
5. Barrier, Throat, and nosing (galvanized angle) to be provided by others.
6. Max pipe size = 24"Ø.

PRECAST DI-12 INLET ASSEMBLY DIAGRAM

Virginia Drainage Structures

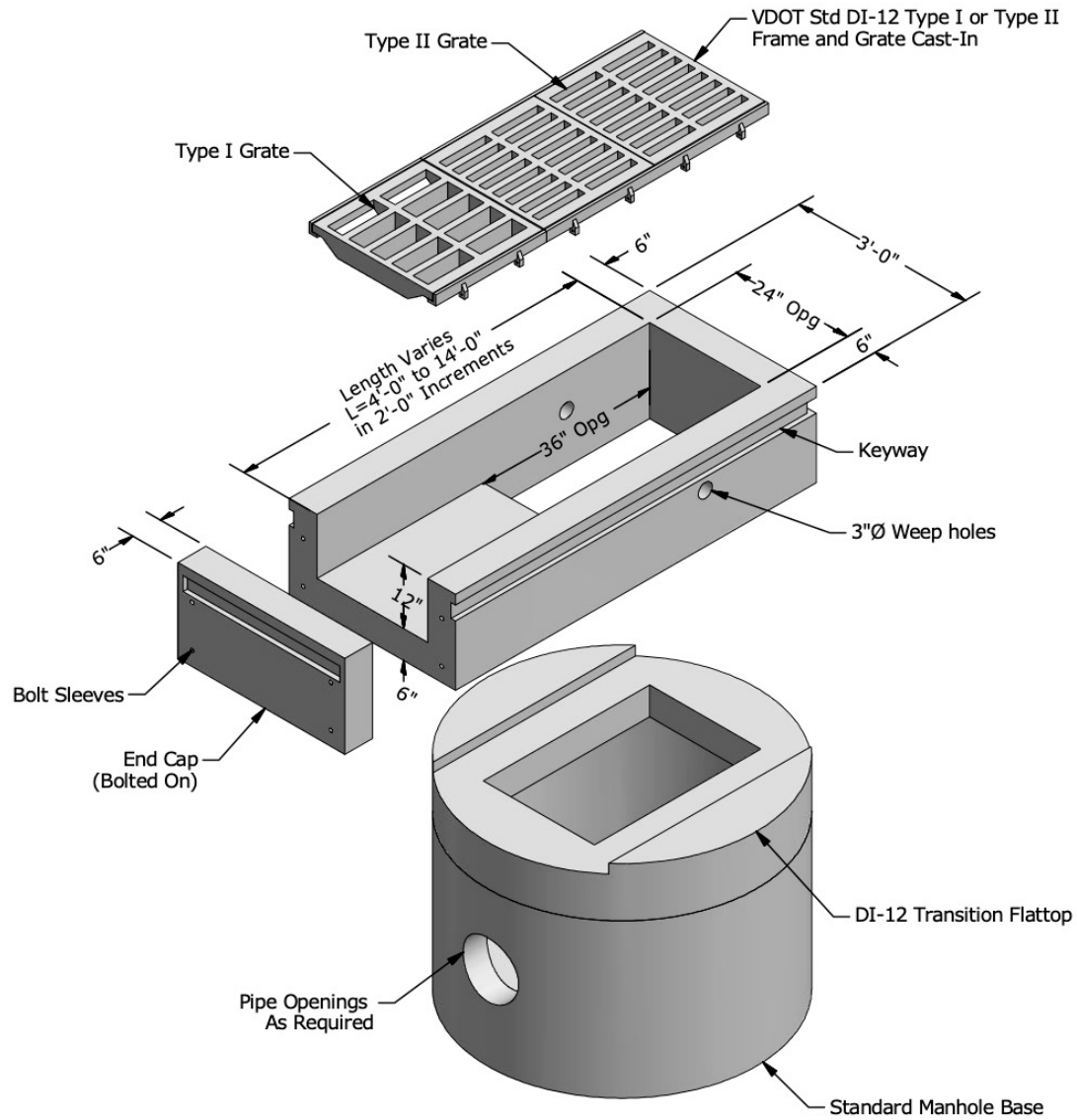
201901021ED44



NOTES

1. This drawing represents most common stacking orientations, additional stacking options may be available.
2. Manhole components to be per ASTM C478.

PRECAST DI-12 INLET WITH TRANSITION FLATTOP



Isometric View

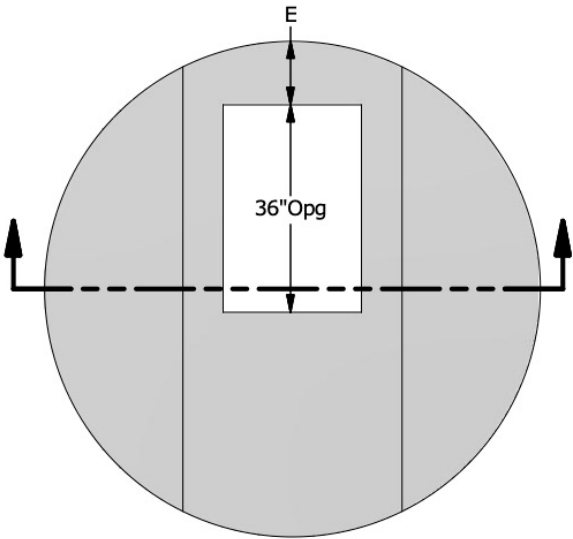
NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Manhole sections conform to ASTM & AASHTO M199.
4. Steps may be provided at 16" spacing, aligned vertically.
5. Keyway provided to prevent settlement of adjacent concrete.
6. DI-12 inlet not to be utilized in locations normally subject to traffic.
7. Dimensions may vary due to form taper 1".

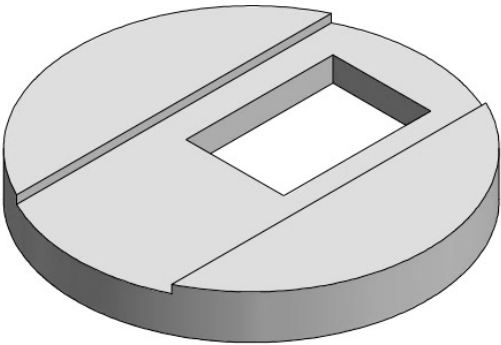
PRECAST DI-12 TRANSITION FLATTOP
FOR 48"Ø-144"Ø

Virginia Drainage Structures

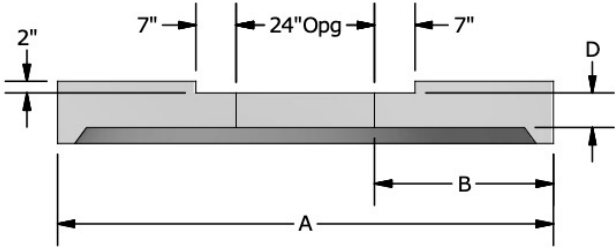
201905281ED03



Plan View
(Grates Not Shown for Clarity)



Isometric View

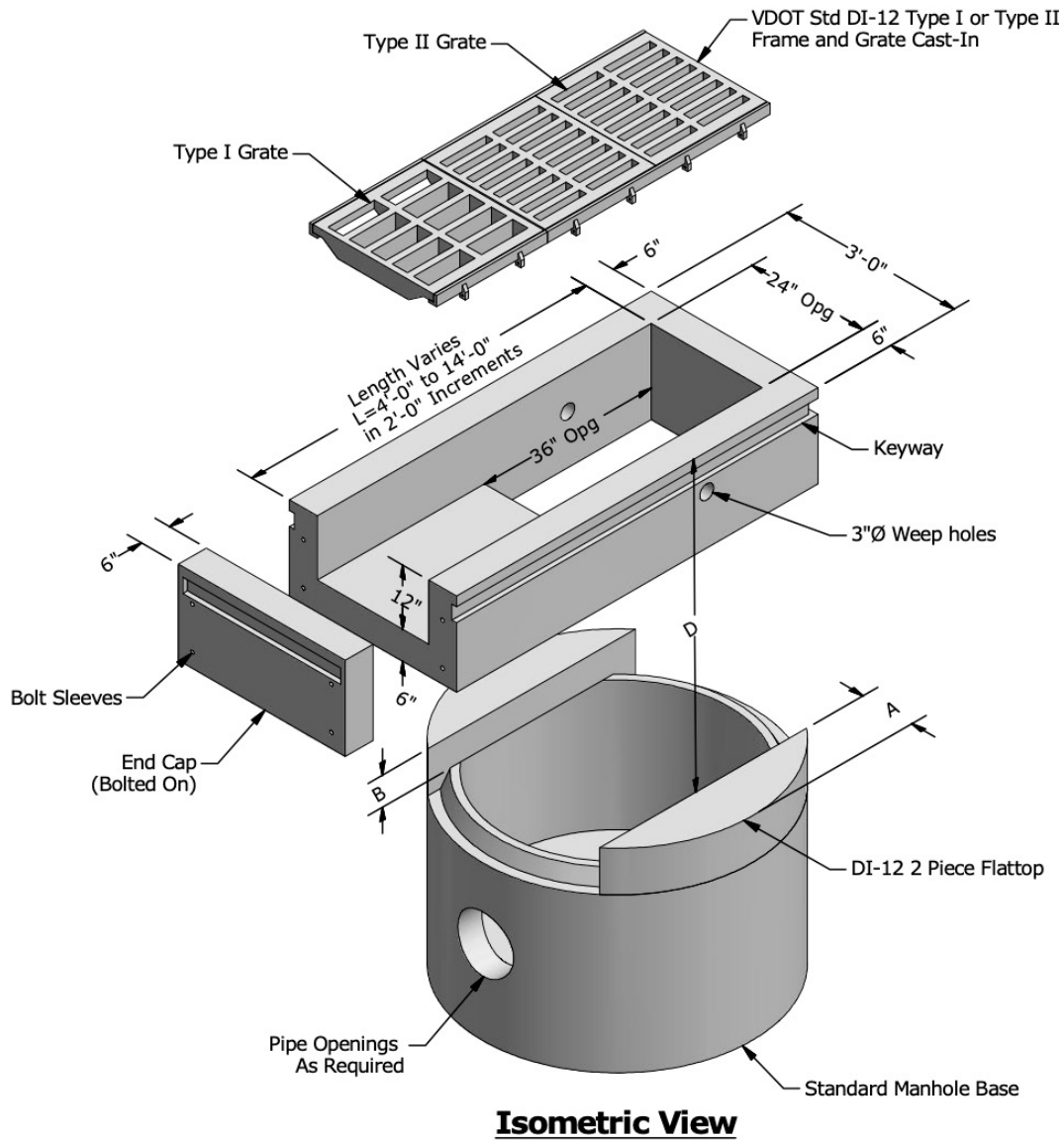


Section View

DIM	48" ID	60" ID	72" ID	84" ID	96" ID	108" ID	120" ID	126" ID	144" ID
A	58"	72"	86"	100"	114"	128"	140"	147"	168"
B	17"	2'-0"	2'-7"	3'-2"	3'-9"	4'-4"	4'-10"	5'-1 1/2"	6'-0"
D	6"	6"	6"	8"	8"	8"	8"	8"	8"
E	11"	11"	11"	11"	11"	11"	11"	12"	12"

NOTES
1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.

PRECAST DI-12 INLET WITH 2 PIECE FLATTOP



DIM	48" ID	60" ID	72" ID	84" ID	96" ID	108" ID	120" ID	126" ID	144" ID
A	10 1/2"	17 1/2"	24 1/2"	2'-7 1/2"	3'-2 1/2"	3'-9 1/2"	4'-3 1/2"	4'-7"	5'-5 1/2"
B	6"	8"	8"	8"	8"	8"	10"	10"	10"
D	12"	10"	10"	10"	10"	10"	8"	8"	8"

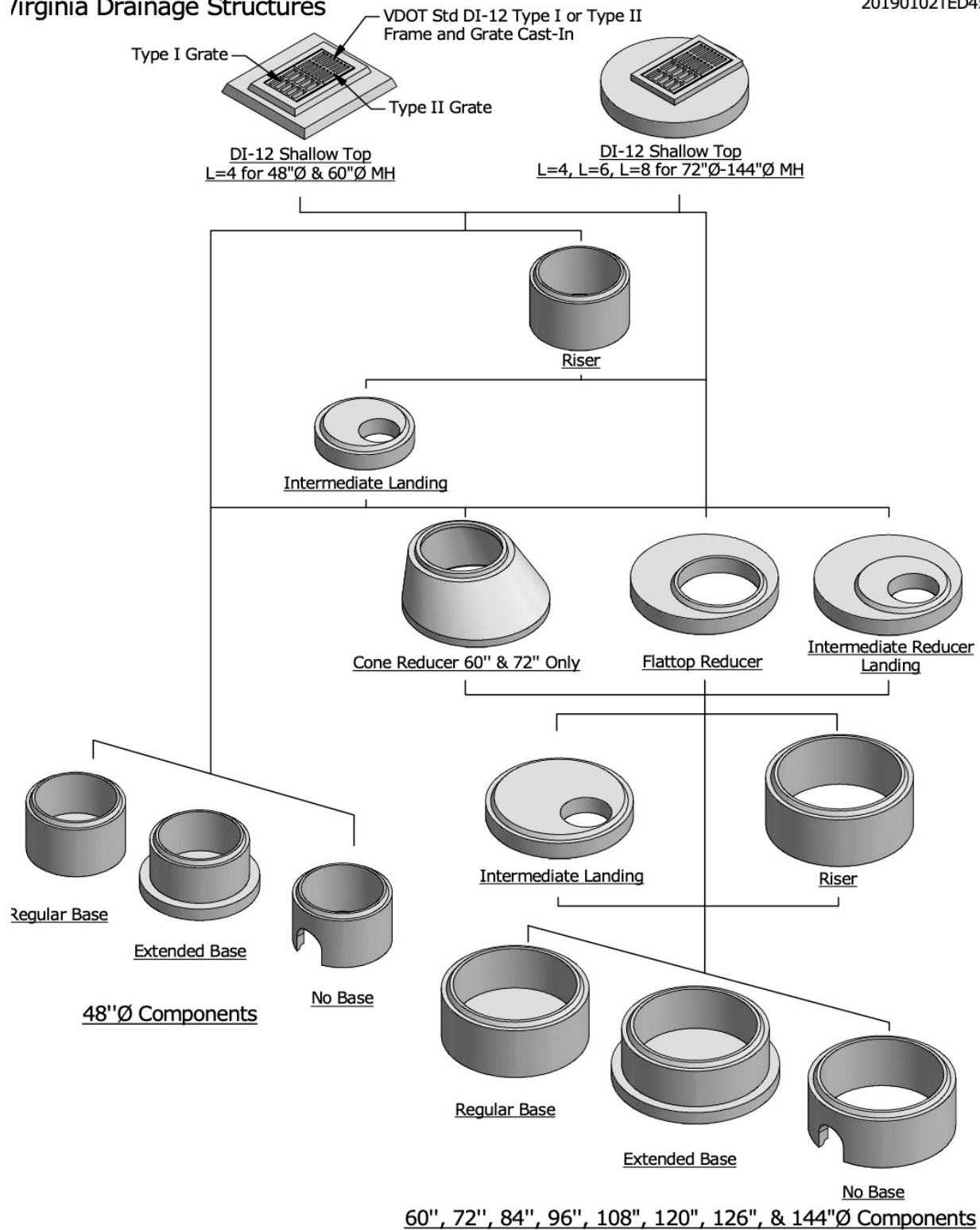
NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Manhole sections conform to ASTM & AASHTO M199.
4. Steps may be provided at 16" spacing, aligned vertically.
5. Keyway provided to prevent settlement of adjacent concrete.
6. DI-12 inlet not to be utilized in locations normally subject to traffic.
7. Dimensions may vary due to form taper 1".
8. This design to be utilized when structure is too short to use standard Precast DI-12 Transition Flattop.

PRECAST DI-12 SHALLOW TOP ASSEMBLY DIAGRAM

Virginia Drainage Structures

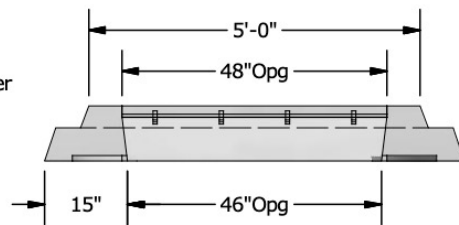
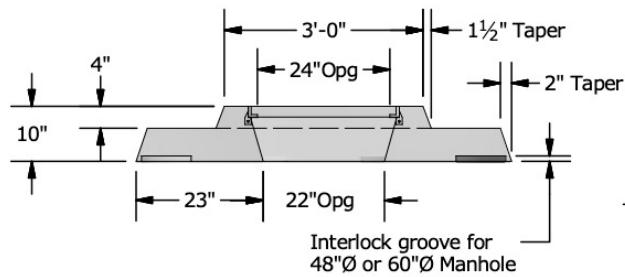
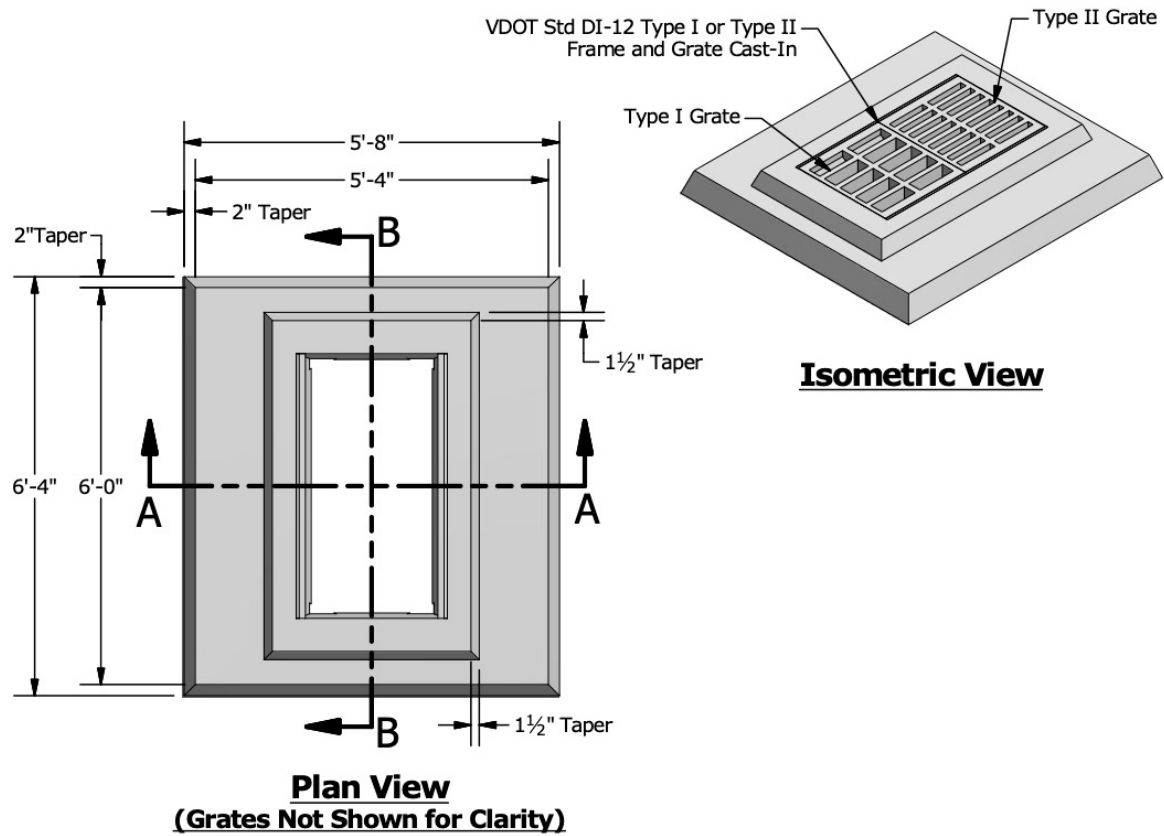
201901021ED45



NOTES

1. This drawing represents most common stacking orientations, additional stacking options may be available.
2. Manhole components to be per ASTM C478.
3. DI-12 inlet not to be utilized in locations normally subject to traffic.

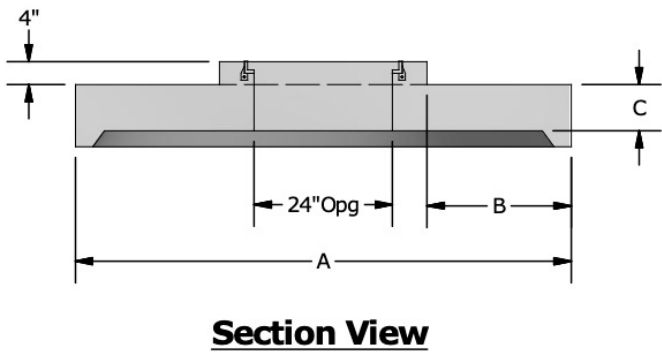
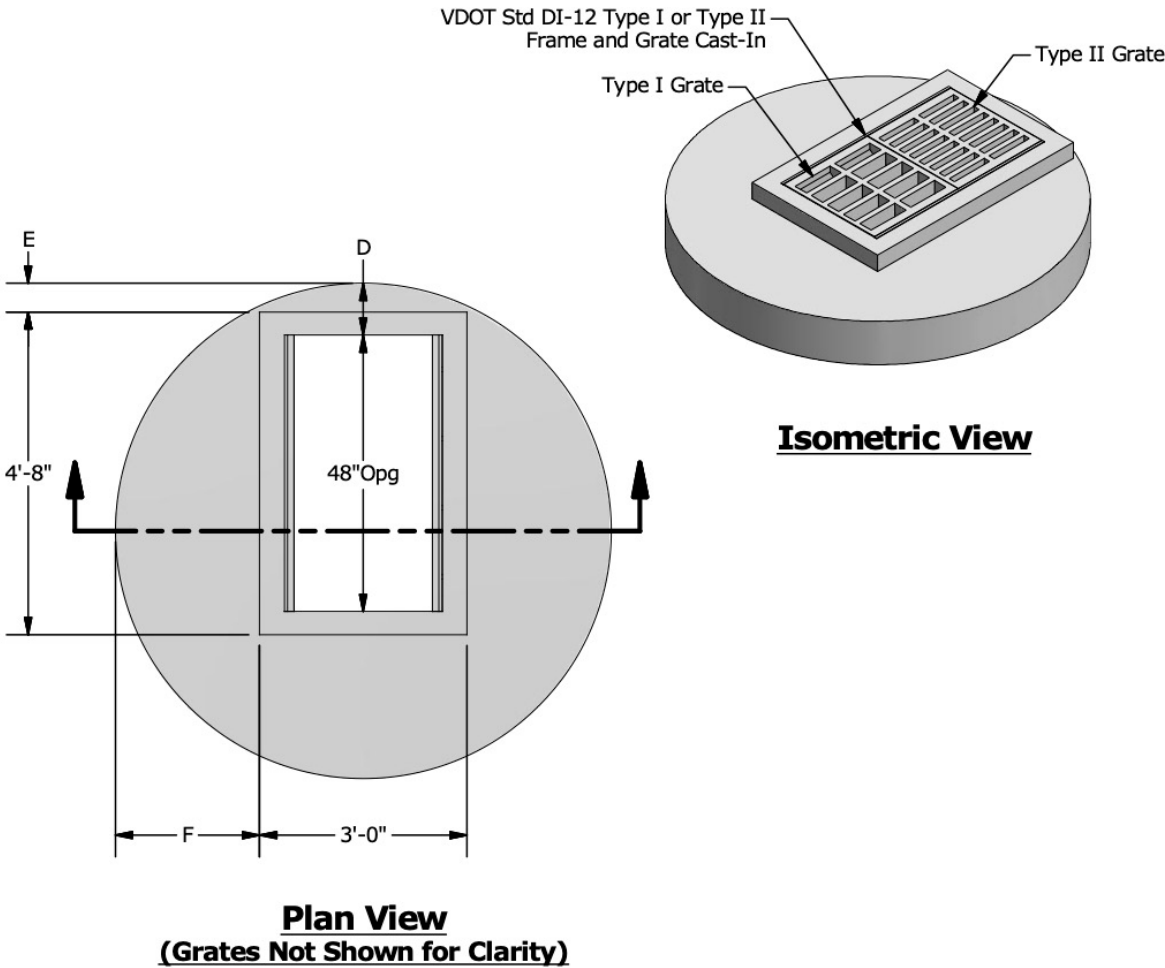
PRECAST DI-12 SHALLOW TOP L=4'-0"
FOR 48"Ø & 60"Ø MANHOLE



NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. DI-12 inlet not to be utilized in locations normally subject to traffic.
4. DI-12 top used for 48" & 60" manholes.

PRECAST DI-12 SHALLOW FLATTOP L=4'
FOR 72"Ø-120"Ø MANHOLE

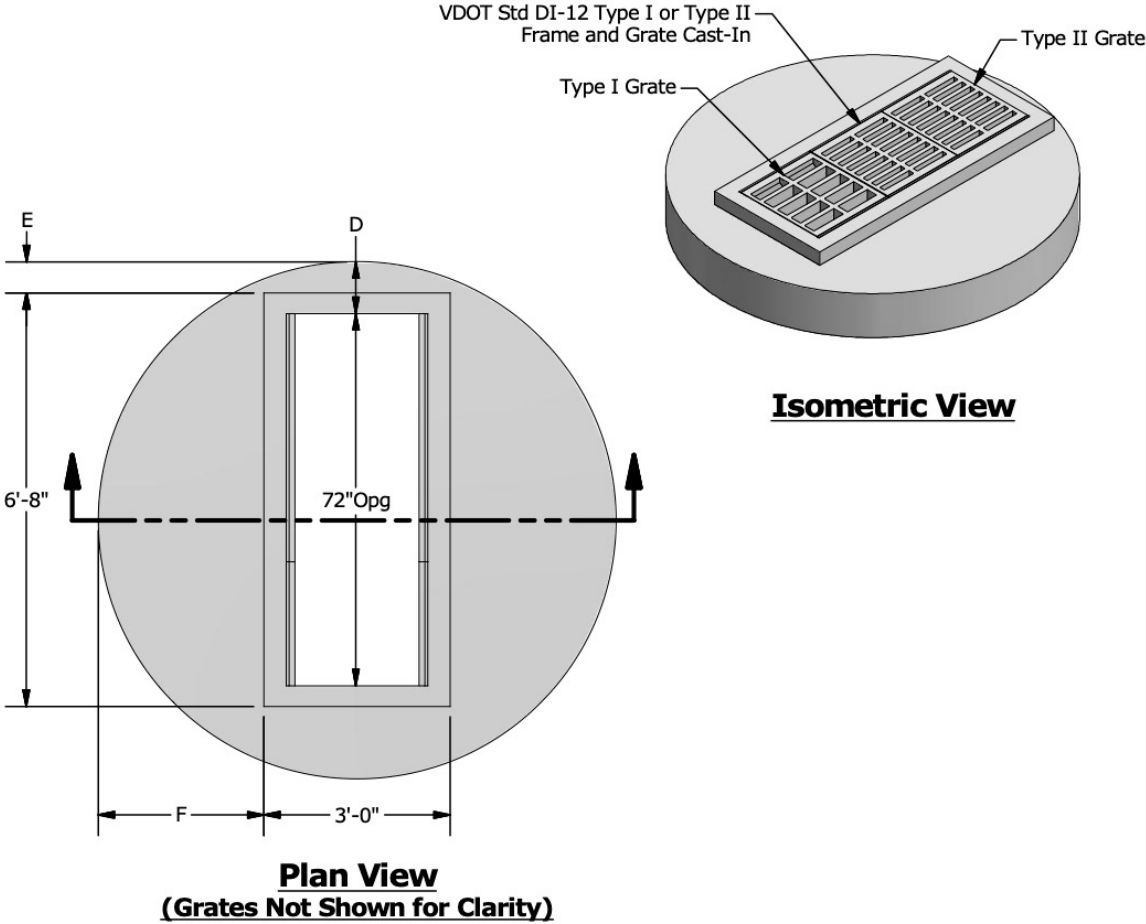


DIM	72" ID	84" ID	96" ID	120" ID
A	86"	100"	114"	140"
B	2'-7"	3'-2"	3'-9"	4'-10"
C	8"	8"	10"	10"
D	9"	10"	11"	12"
E	5"	6"	7"	8"
F	2'-1"	2'-8"	3'-3"	4'-4"

NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. DI-12 inlet not to be utilized in locations normally subject to traffic.

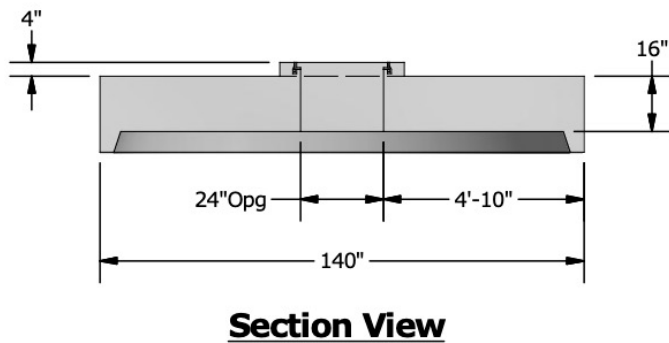
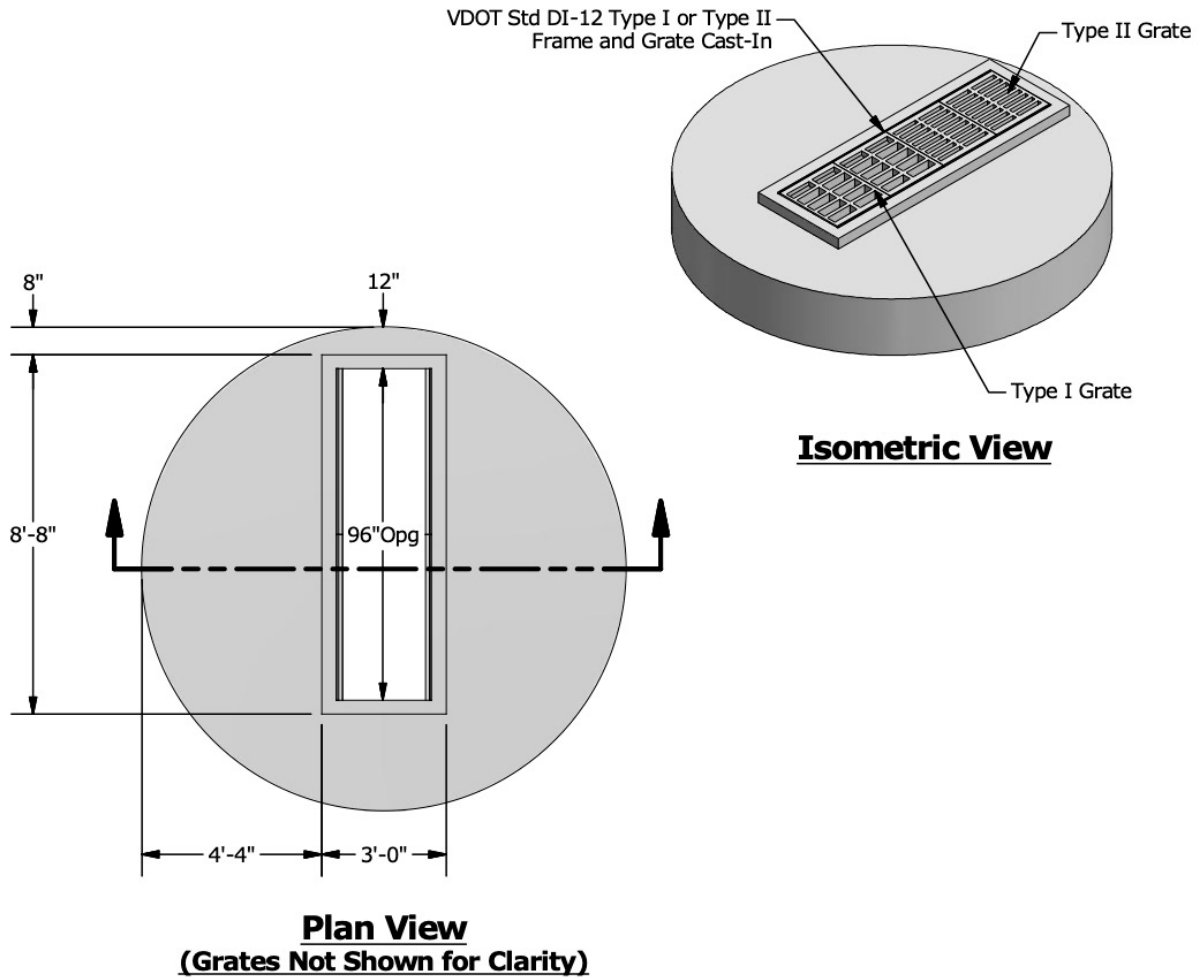
PRECAST DI-12 SHALLOW TOP L=6'-0" **FOR 84"Ø & 120"Ø MANHOLE**



DIM	84" ID	96" ID	120" ID
A	100"	114"	140"
B	3'-2"	3'-9"	4'-10"
C	8"	10"	10"
D	10"	11"	12"
E	6"	7"	8"
F	2'-8"	3'-3"	4'-4"

- NOTES**
1. This design is intended for precast structures produced by CP&P only.
 2. Concrete compressive strength 4,000 psi minimum.
 3. DI-12 inlet not to be utilized in locations normally subject to traffic.

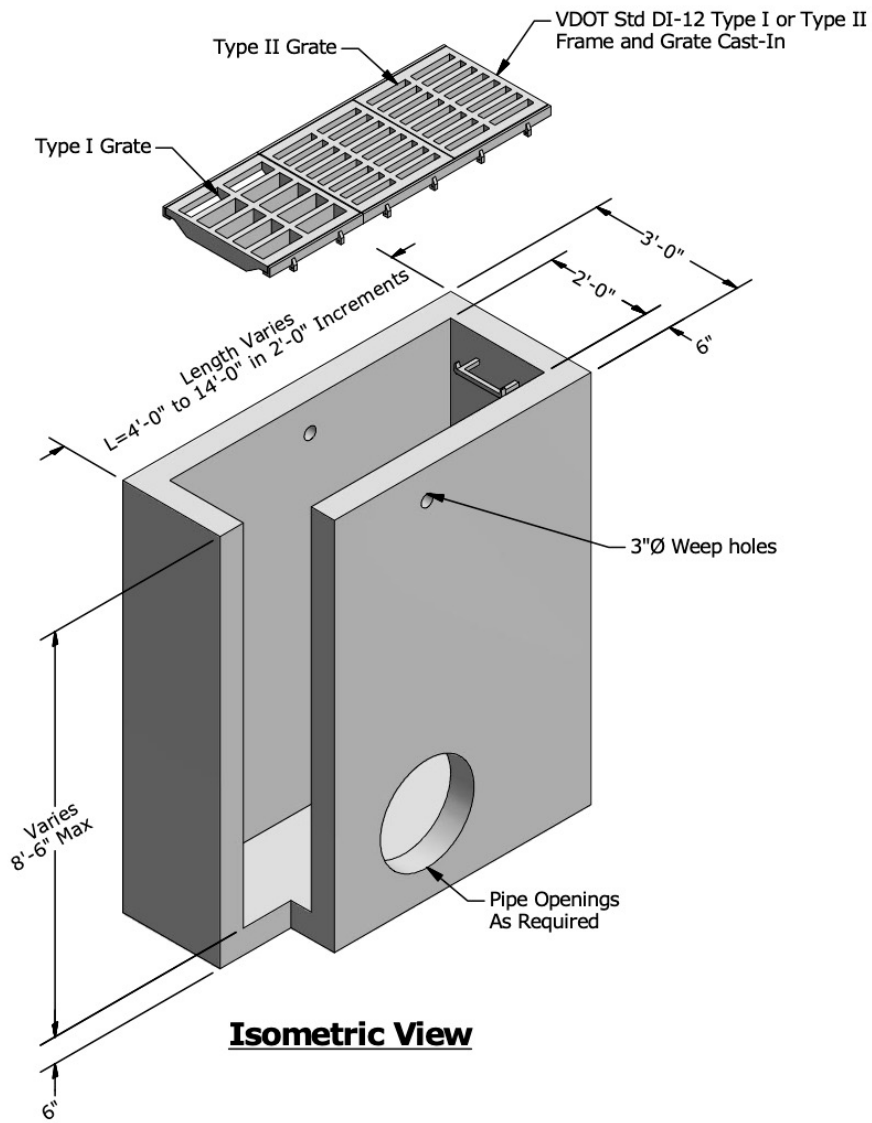
PRECAST DI-12 SHALLOW FLATTOP L=8'-0"
FOR 120"Ø MANHOLE



NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. DI-12 inlet not to be utilized in locations normally subject to traffic.

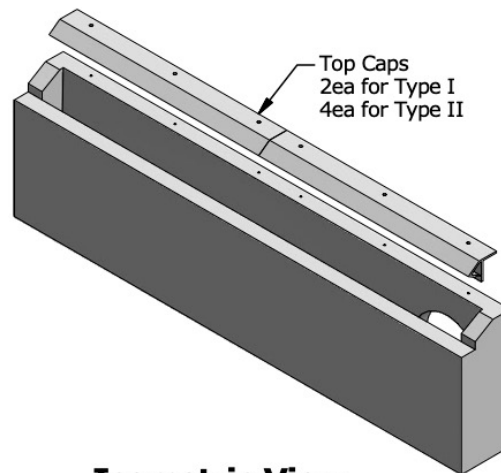
PRECAST DI-12 INLET BOX



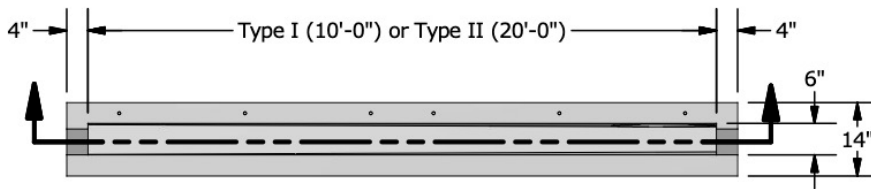
NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Steps may be provided at 16" spacing, aligned vertically.
4. Dowel holes provided to prevent settlement of adjacent concrete.

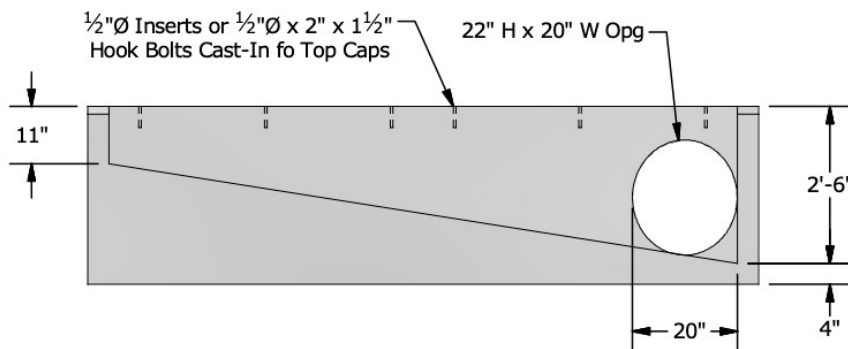
PRECAST DI-13 SHOULDER SLOT INLET



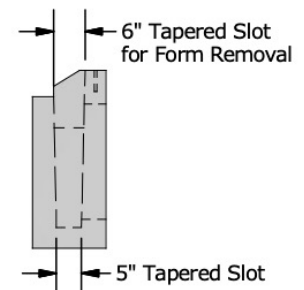
Isometric View



Plan View
(Top Caps Not Shown for Clarity)



Section View



Side View

NOTES

1. This design is intended for precast structures produced by CP&P only.
2. Concrete compressive strength 4,000 psi minimum.
3. Dowel holes provided to prevent settlement of adjacent concrete.
4. Right configuration shown, left configuration opposite.



CP&P, A CMC Precast Business
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V04012026