



**TRI-STATE
STEEL INC.**

1 FRAMES & GRATES

2 CURB ANGLES/HEADERS

3 COVERS

4 CLARK COUNTY DROP INLETS

5 WATERHOUSE PRODUCTS

6 SPECIALTY STEEL

MAIN OFFICE
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2780 Bledsoe Lane
Las Vegas, NV 89156

ABOUT US

For over 25 years, Tri-State Steel Inc. has been the leading galvanized steel fabrication company in Las Vegas. Our expertise includes welding, metal fabrication, plasma cutting, and custom fabrications. We begin with sourcing only the finest quality of steel that is made in the U.S.A while delivering the best customer service.

We have an extensive project history with city infrastructure both in and out of the city, ranging from Allegiant Stadium to the Las Vegas Strip, to the Amazon facilities across the valley. Outside the city, we are the go-to for our numerous loyal customers located in different regions of Nevada and California.



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*** ITEMIZED INDEX ON BACK**

GENERAL INFORMATION

PRODUCTS AND STYLES OFFERED

We offer a wide variety of products designed through multiple of our trusted styles.

Our products are categorized in broad sections by chapter throughout the catalog, each including a catalog number attached to each item. The full index can be found in alphabetical order on pages (174-176).

Production is categorized by the following chapters:

- FRAMES & GRATES
- CURB ANGLES/HEADERS
- COVERS
- CLARK COUNTY DROP INLETS
- WATERHOUSE PRODUCTS
- SPECIALTY STEEL

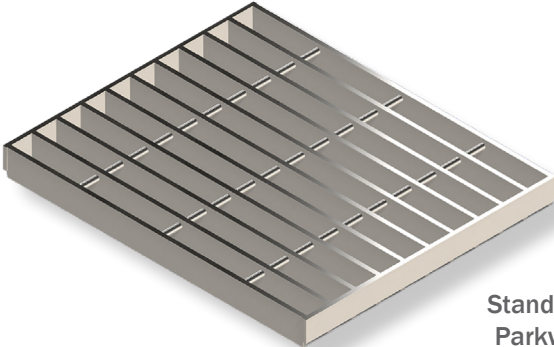


The styles used for our products includes (but are not limited to) the following list:

- PRECAST
- NDOT
- OLD CASTLE
- CAL TRANS
- JENSEN

Standard

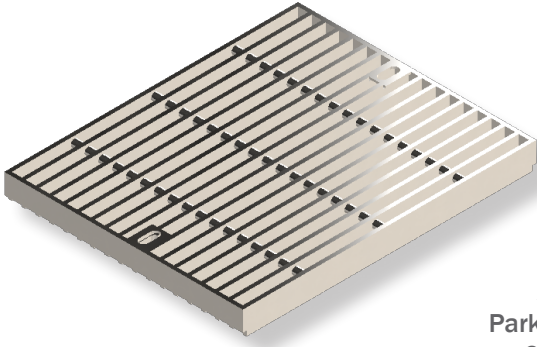
Available for:
Parkway(PED)/Traffic



Standard
Parkway
Grate

ADA - Disabled Accessibility

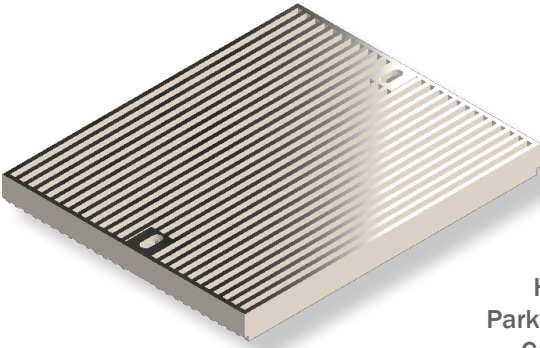
Available for:
Parkway(PED)/Traffic



ADA
Parkway
Grate

HHP - High Heel Proof

Available for:
Parkway(PED)/Traffic



HHP
Parkway
Grate

CUSTOMIZING CASTINGS

We offer detailed fabrication for unique designs per customer order.

Ranging from company names and logos to specially tailored designs for personal property. These designs can be engraved on signs, cover plates, and many more.

Interested in a custom sign? Does your company need labeled cover plates on site for safety? With limited detail of your design, we can provide for your needs.



Company Sign



Company Sliding Gate



Decorative Sign



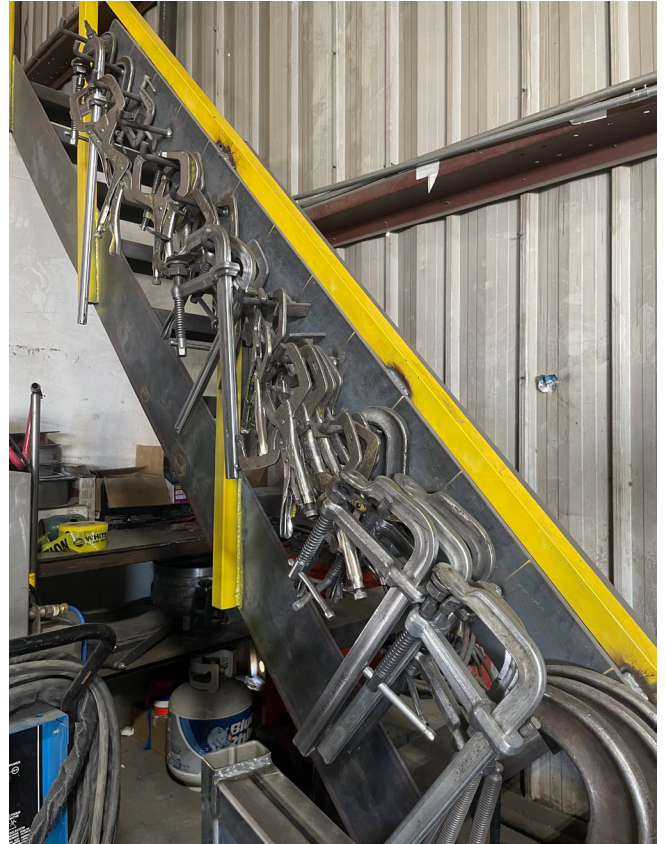
Company Cover



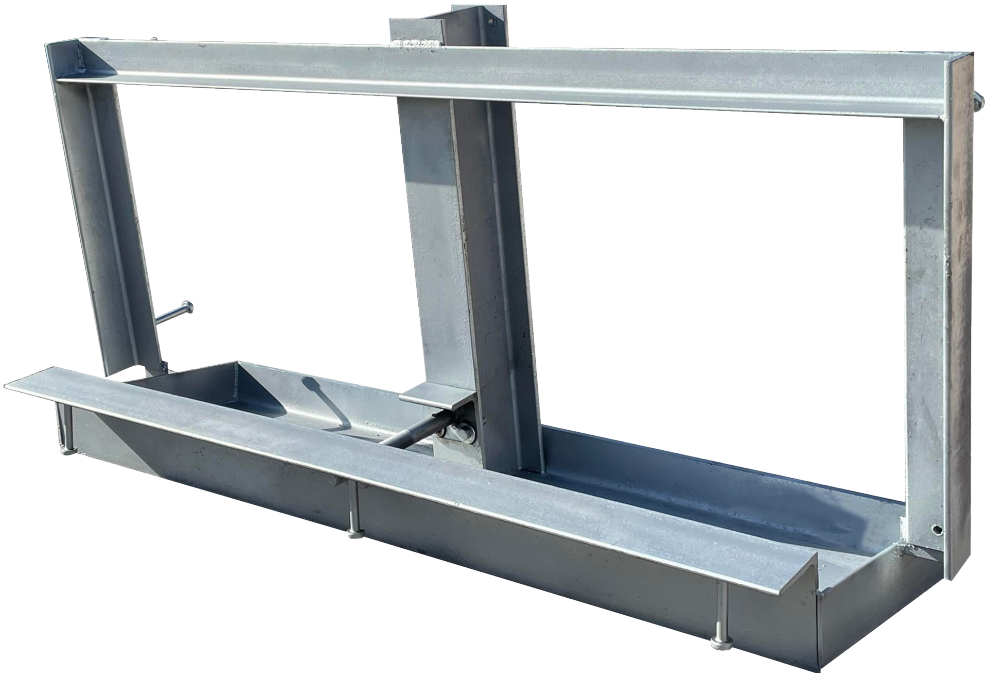
Band Saw



Shear



Top left:
Plasma Table
Top right:
Clamps
Bottom right:
Metal Cylinder



Top:
CM2 Rack
Bottom:
CM

Grate in Concrete

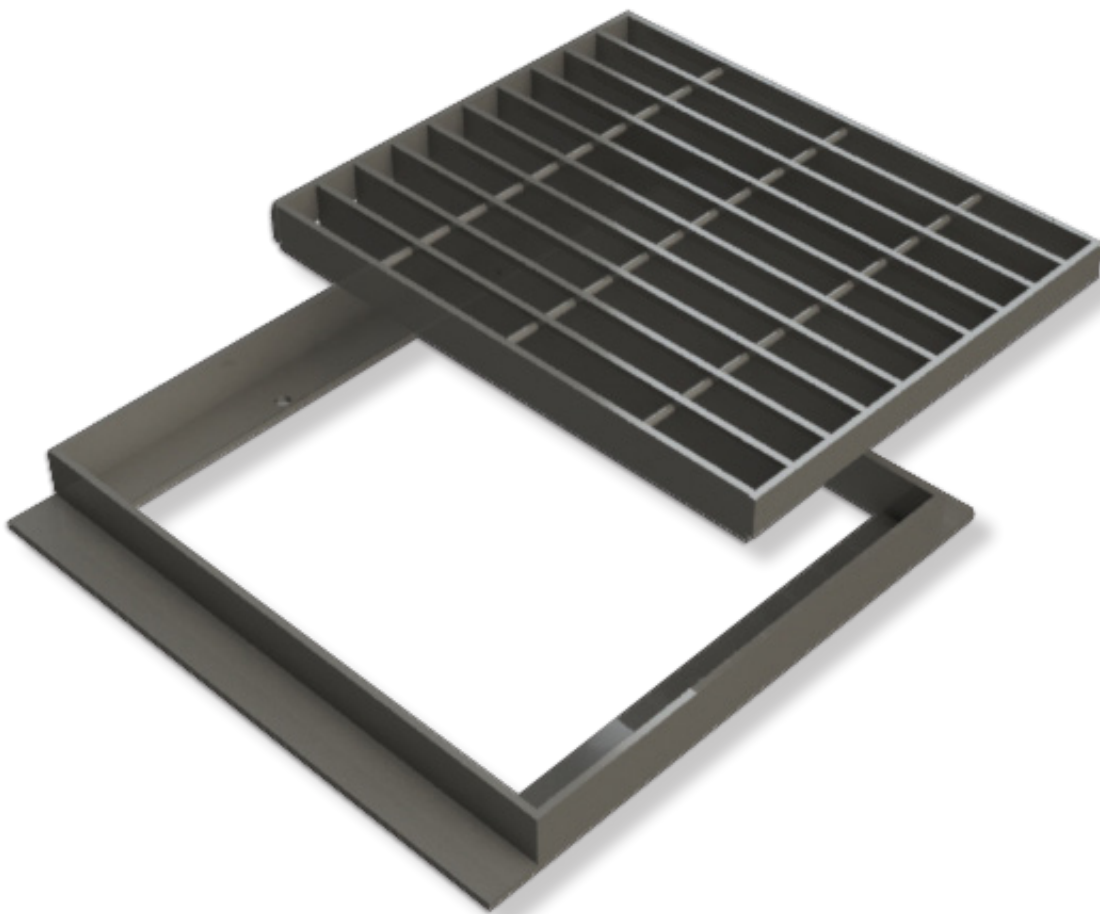


Hatch in Ground



FRAMES AND GRATES

1



STYLE
PRECAST
NDOT
OLDCASTLE
CAL TRANS
JENSEN

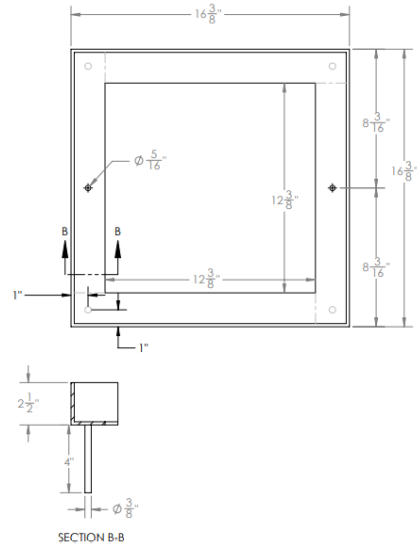
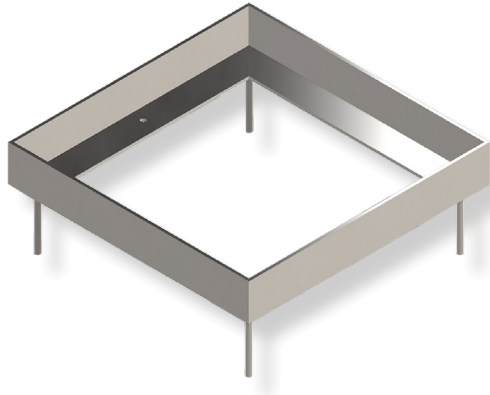
* THE FOLLOWING PC TRAFFIC FRAMES FIT CORRESPONDING SIZE FOR PC TRAFFIC GRATES (PG. 17)

12X12 STANDARD FRAME

12X12 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0001

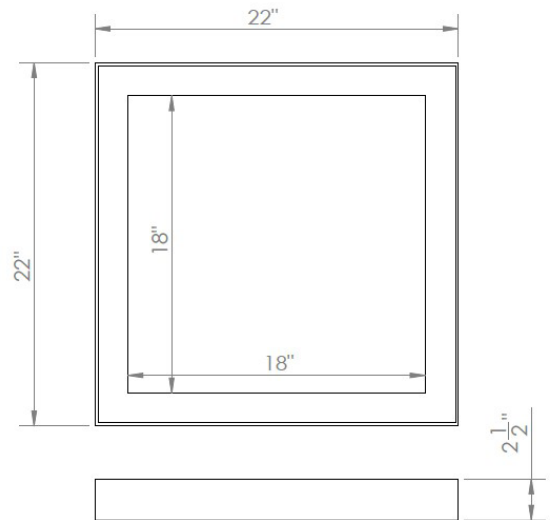
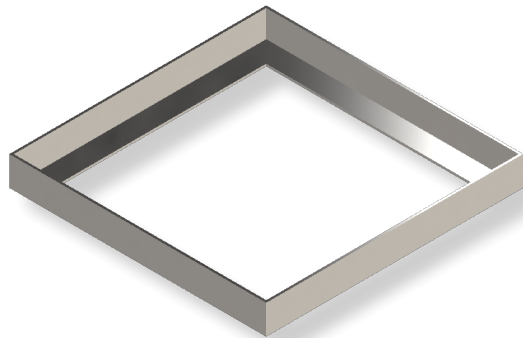
SEE PAGE 17

18X18 STANDARD FRAME

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0002

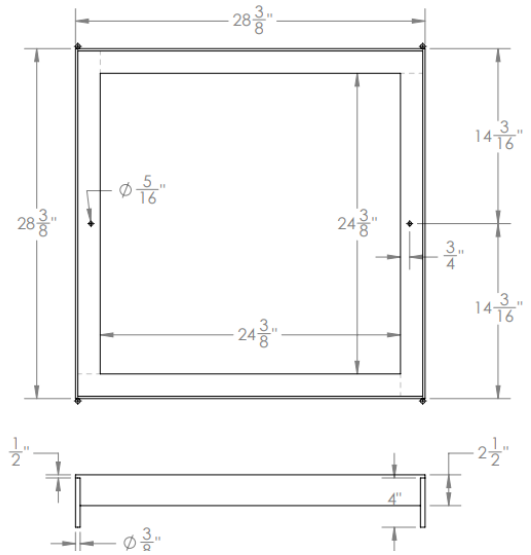
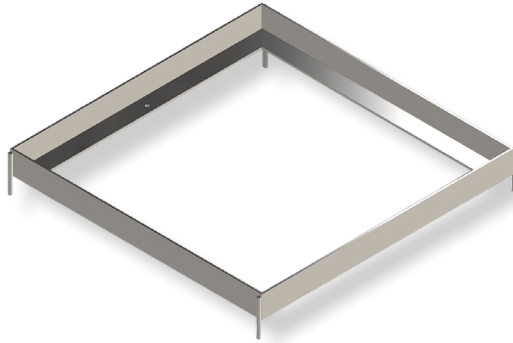
SEE PAGE 18

24X24 STANDARD FRAME

24X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0003

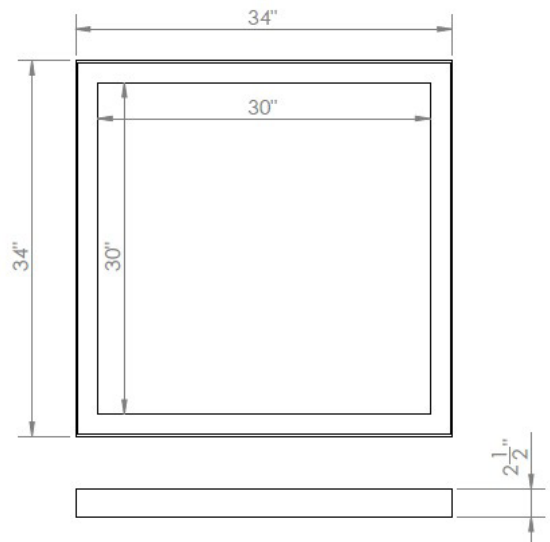
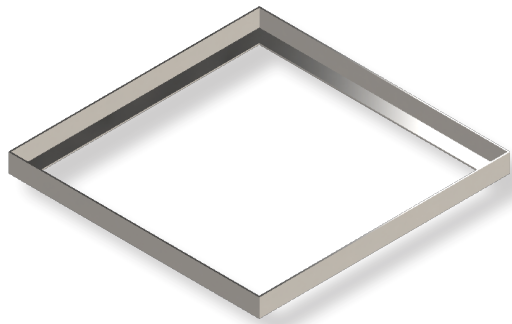
SEE PAGE 19

30X30 STANDARD FRAME

30X30 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0004

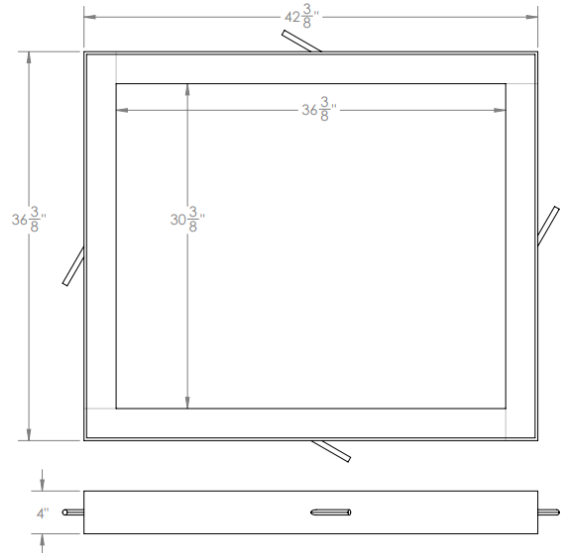
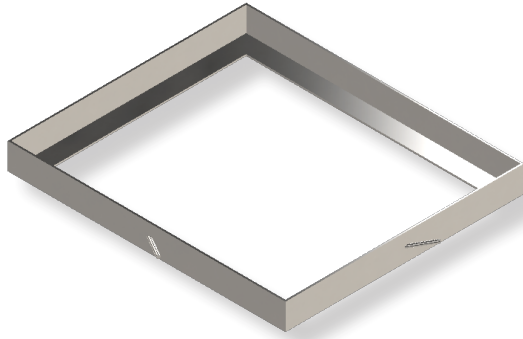
SEE PAGE 20

36X30 STANDARD FRAME

36X30 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0005

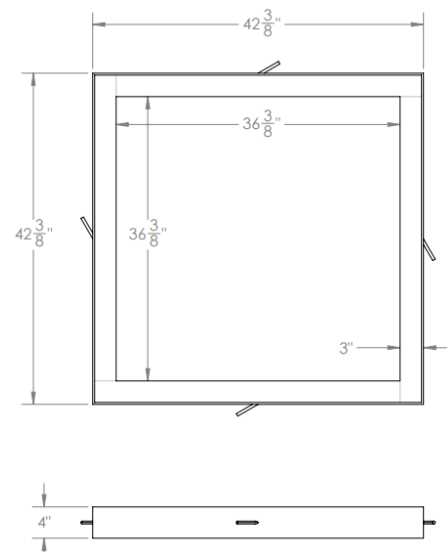
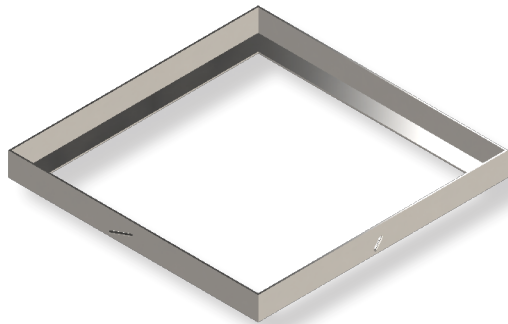
SEE PAGE 21

36X36 STANDARD FRAME

36X36 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0006

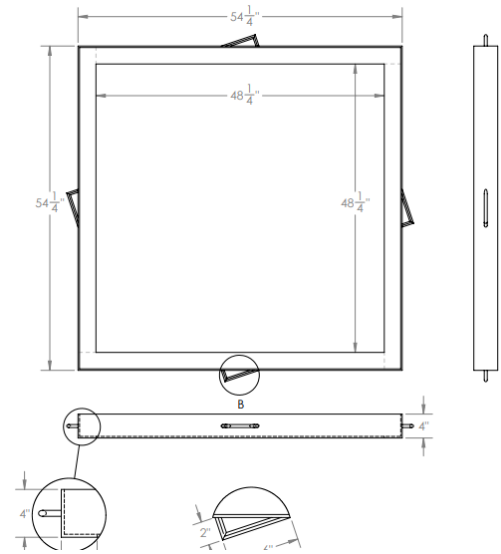
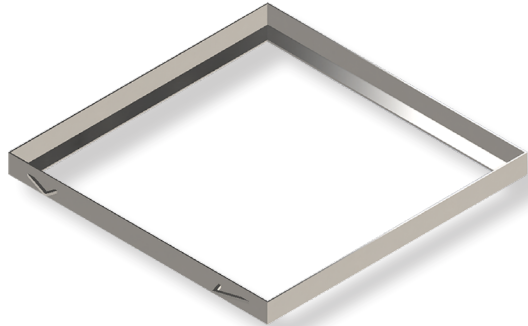
SEE PAGE 22

48X48 STANDARD FRAME

48X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0007

SEE PAGE 23

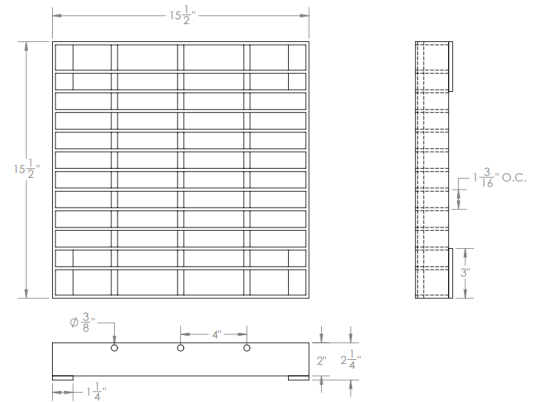
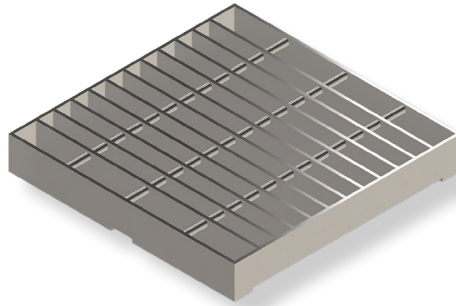
*** THE FOLLOWING PC TRAFFIC GRATES FIT CORRESPONDING SIZE FOR PC TRAFFIC FRAMES (PG. 13)**

STANDARD GRATE

12X12 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0001

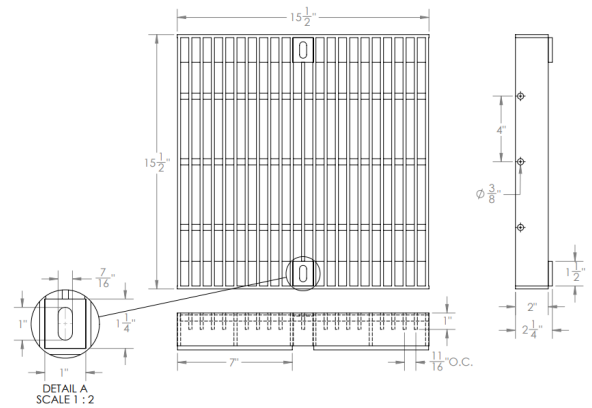
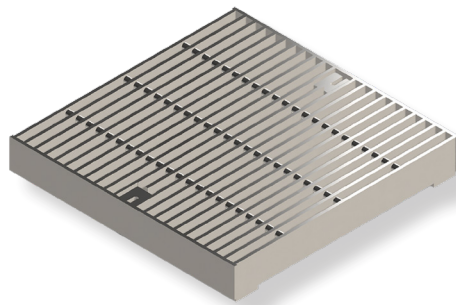
SEE PAGE 13

ADA GRATE

12X12 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



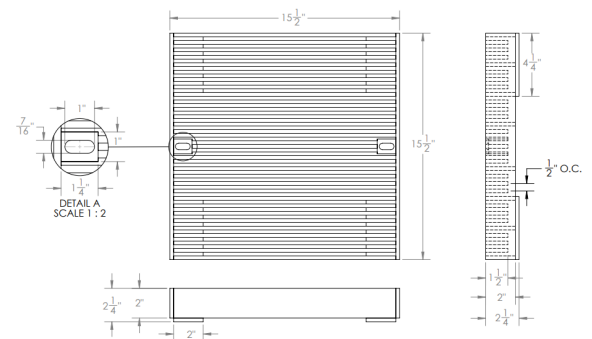
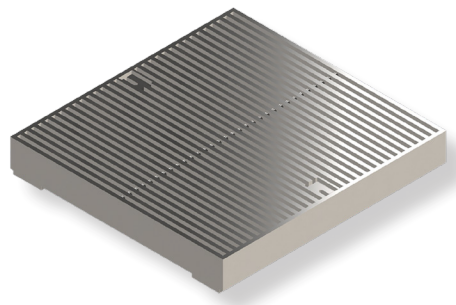
G-0002

HHP GRATE

12X12 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



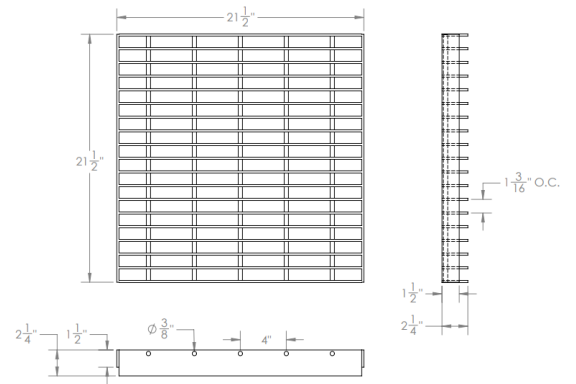
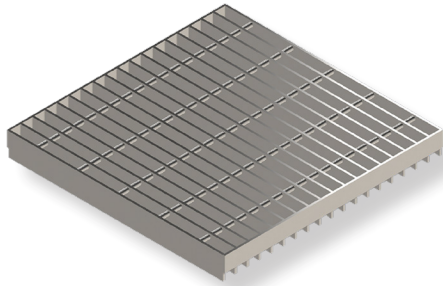
G-0003

STANDARD GRATE

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0004

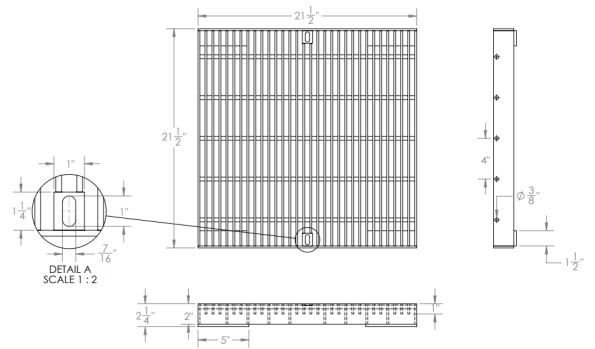
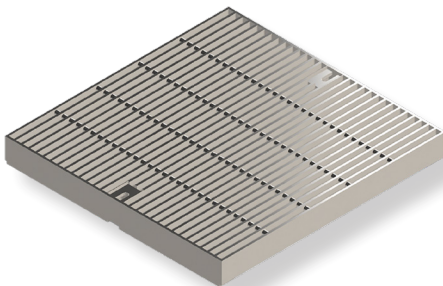
SEE PAGE 13

ADA GRATE

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



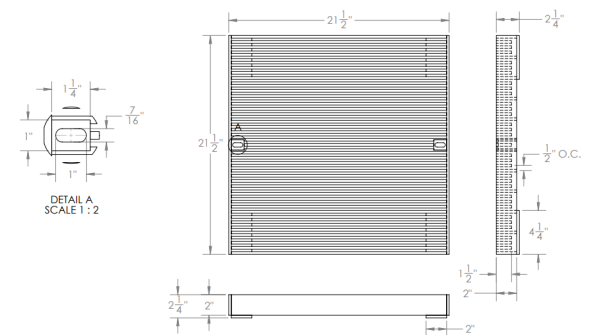
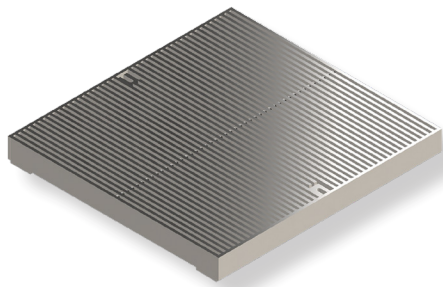
G-0005

HHP GRATE

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



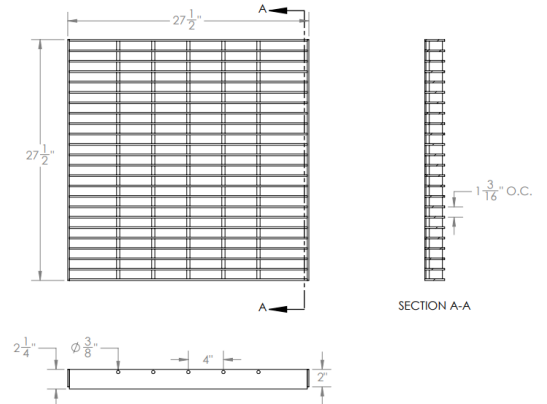
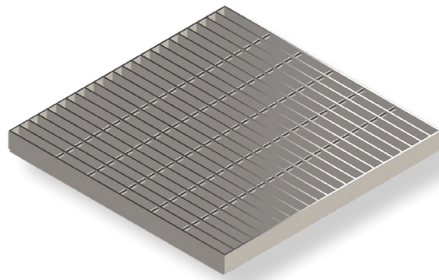
G-0006

STANDARD GRATE

24X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0007

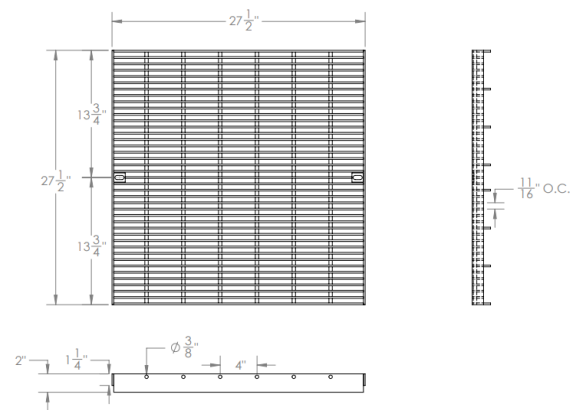
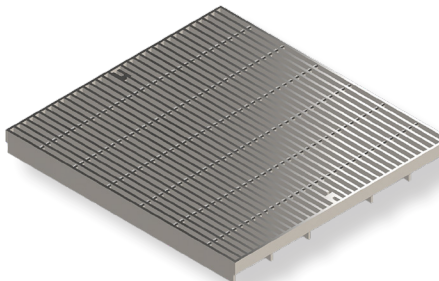
SEE PAGE 14

ADA GRATE

24X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



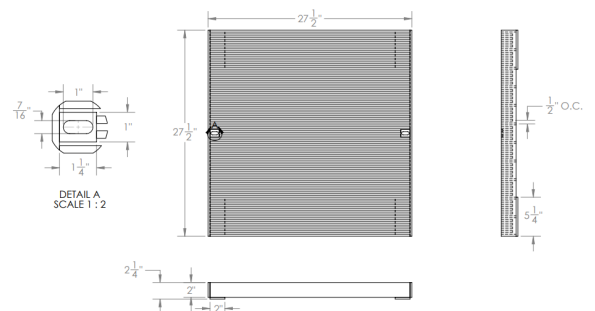
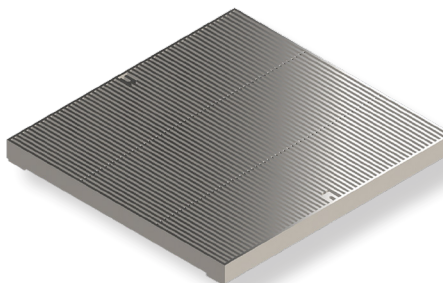
G-0008

HHP GRATE

24X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



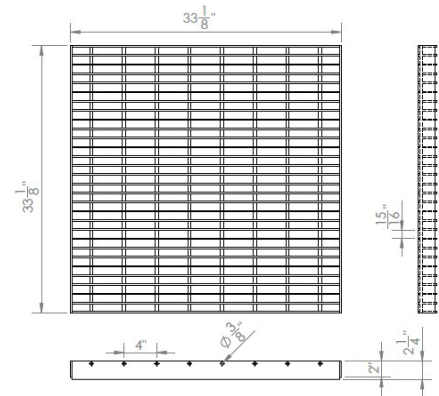
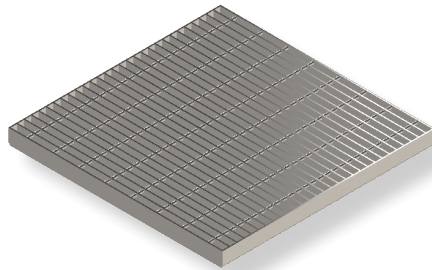
G-0009

STANDARD GRATE

30X30 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0010

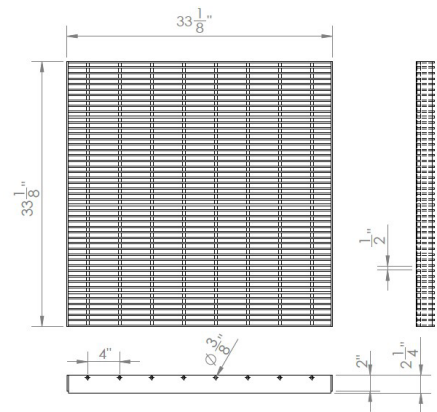
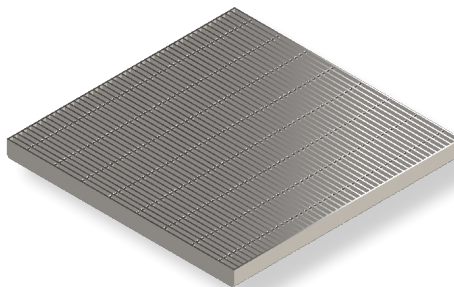
SEE PAGE 14

ADA GRATE

30X30 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



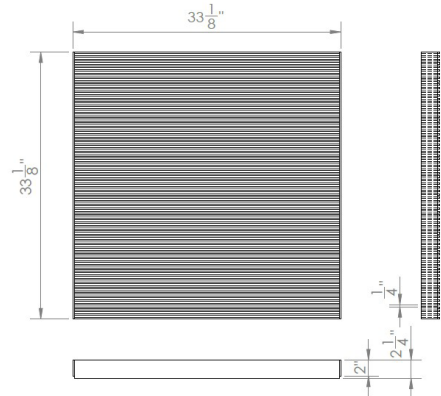
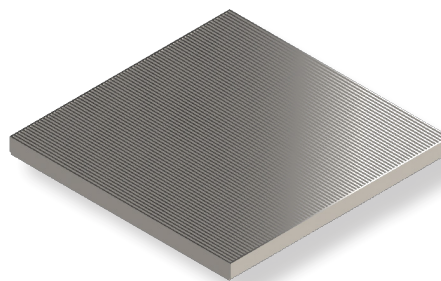
G-0011

HHP GRATE

30X30 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG

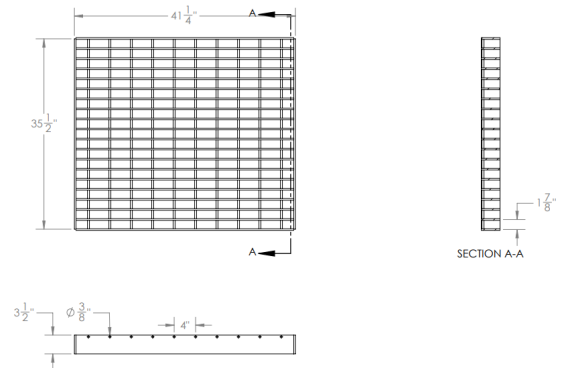
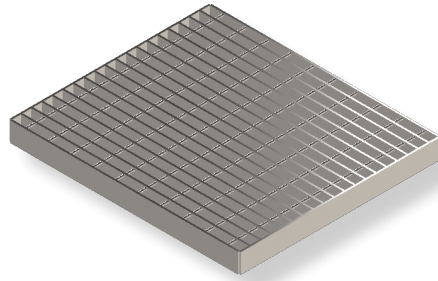


G-00012

STANDARD GRATE

36X30 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG



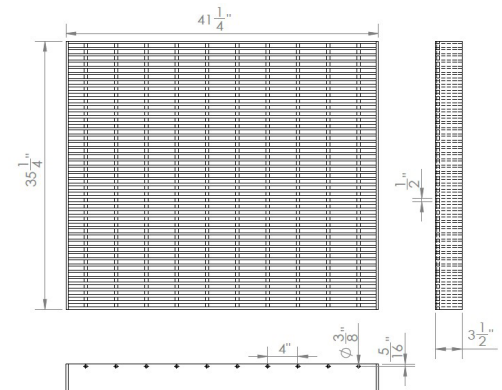
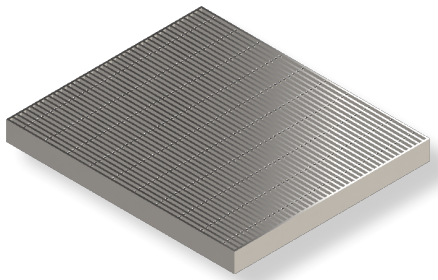
G-0013

SEE PAGE 15

ADA GRATE

36X30 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

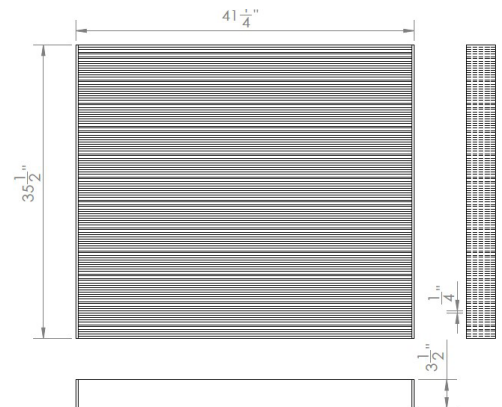
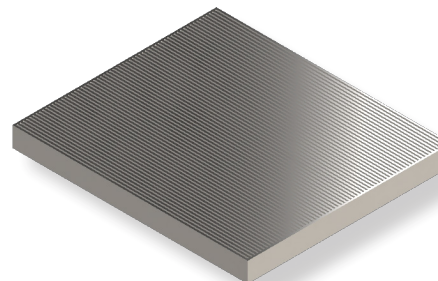


G-0014

HHP GRATE

36X30 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

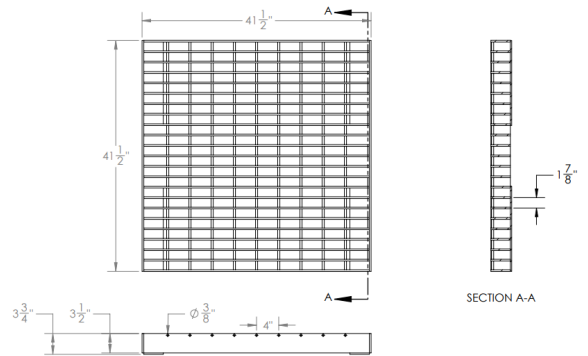
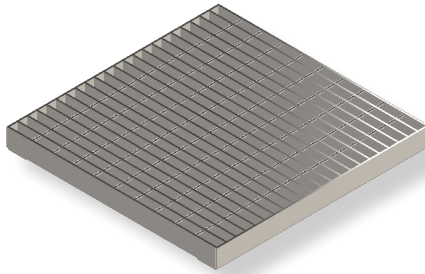


G-0015

STANDARD GRATE

36X36 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG



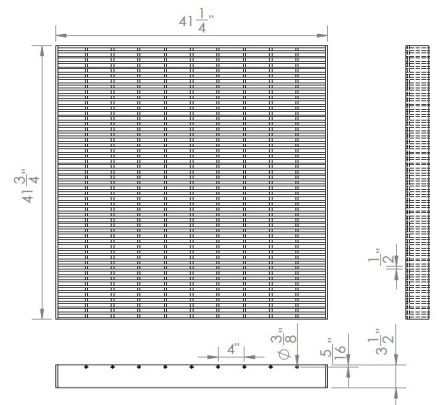
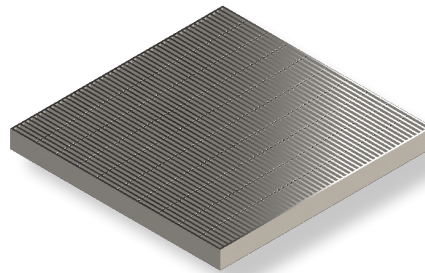
G-0016

SEE PAGE 15

ADA GRATE

36X36 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

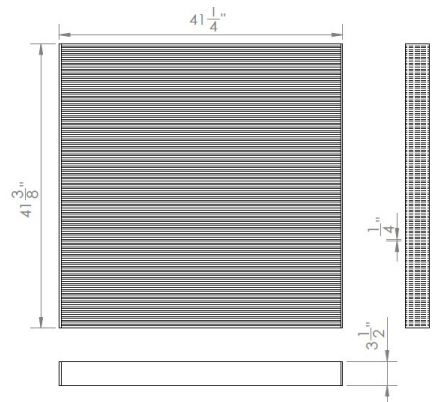
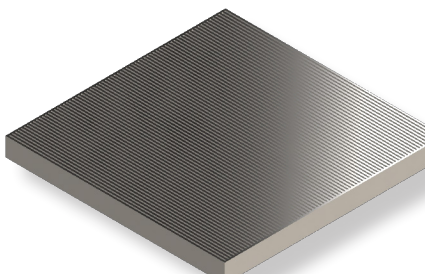


G-0017

HHP GRATE

36X36 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

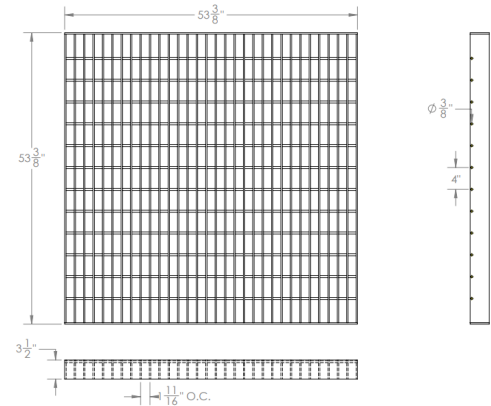
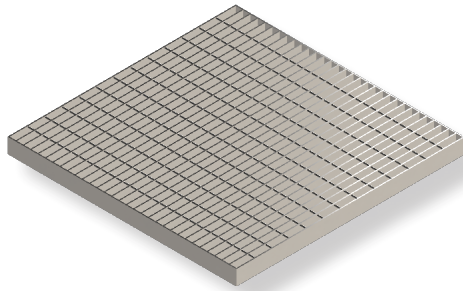


G-0018

STANDARD GRATE

48X48 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG



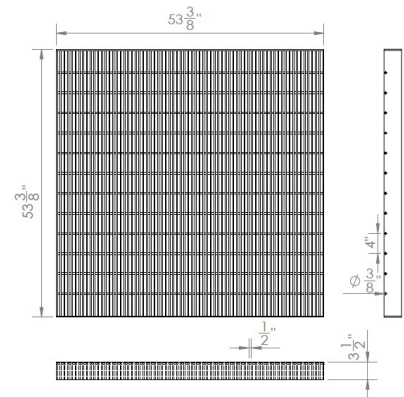
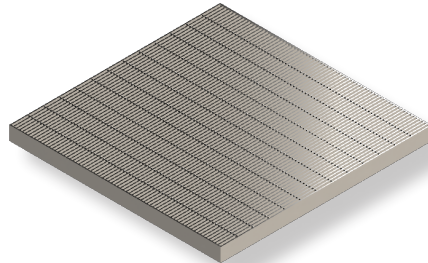
G-0019

SEE PAGE 16

ADA GRATE

48X48 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

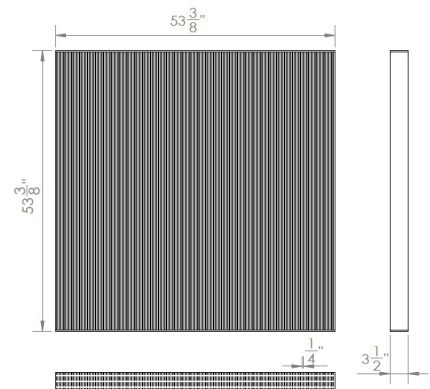
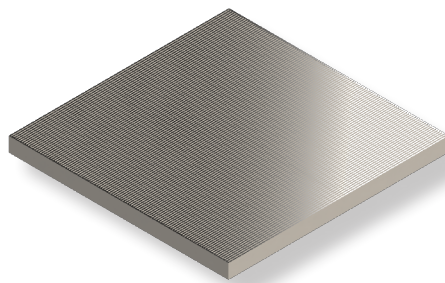


G-0020

HHP GRATE

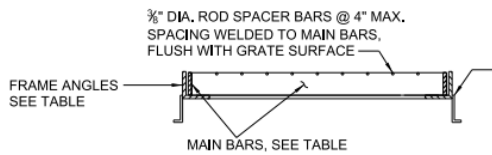
48X48 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

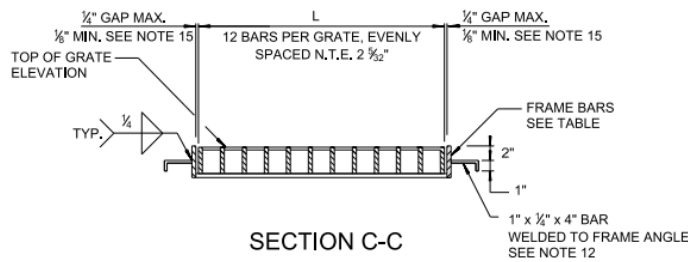


G-0021

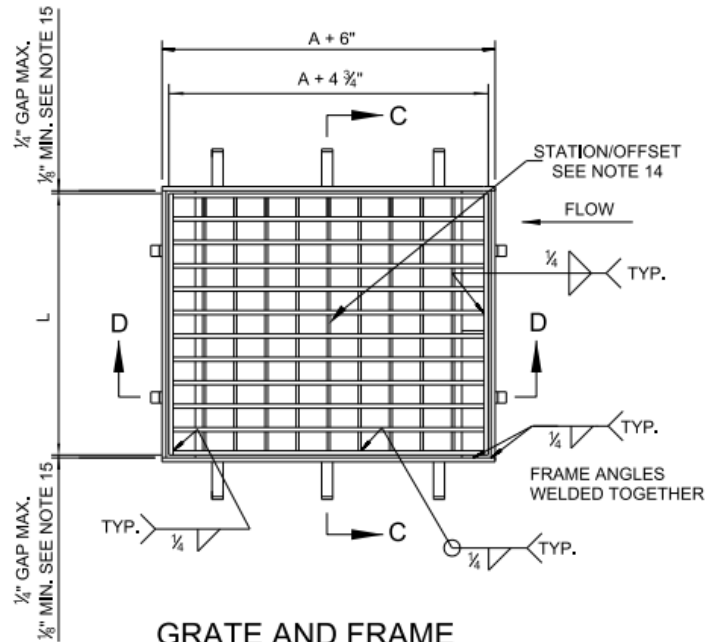
NDOT STANDARD PLANS



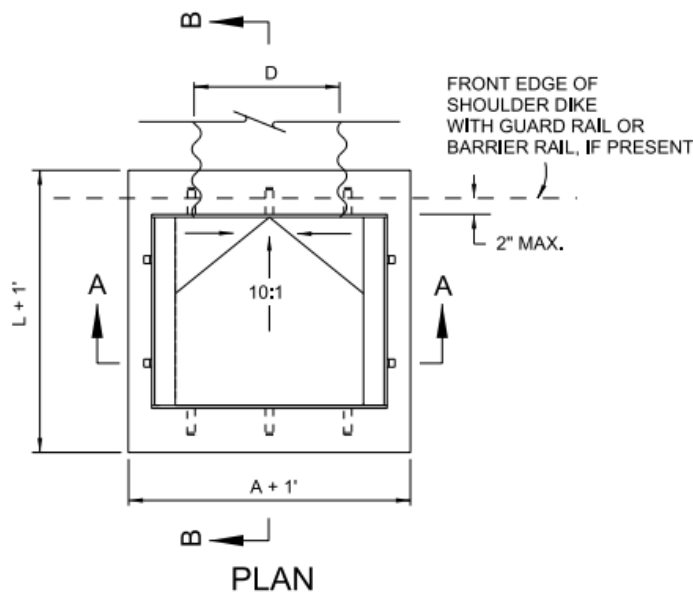
SECTION D-D



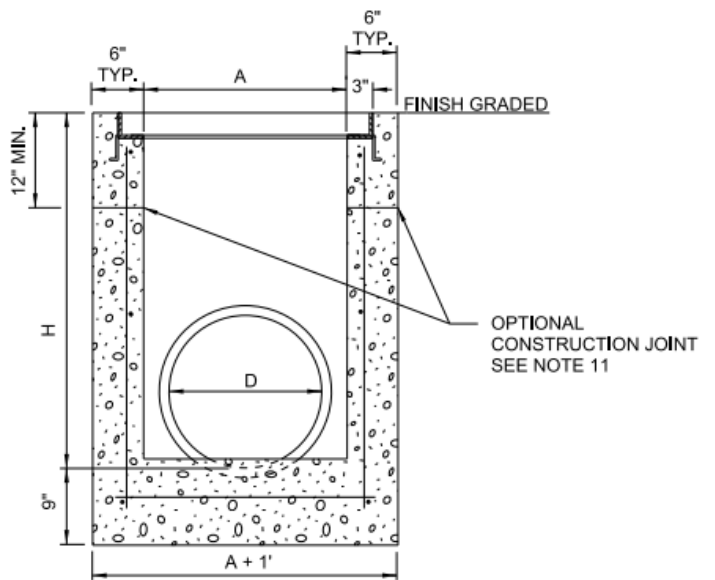
SECTION C-C



GRATE AND FRAME



PLAN



SECTION A-A

*NEVADA DEPARTMENT OF TRANSPORTATION. (2020). STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION. PG. 71.

PIPE SIZE INCH	A	MAIN BARS INCH	FRAMES ANGLES INCH	FRAME BARS INCH	SINGLE GRATE	DOUBLE GRATE	TRIPLE GRATE
≤15	2'	3 1/2 X 3/8	4 X 3 X 3/8	4 X 3/8	2	4	6
18	2' - 6"	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
24	3'	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
30	3' - 6"	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
36	4'	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6
42	4' - 6"	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6
48	5'	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6

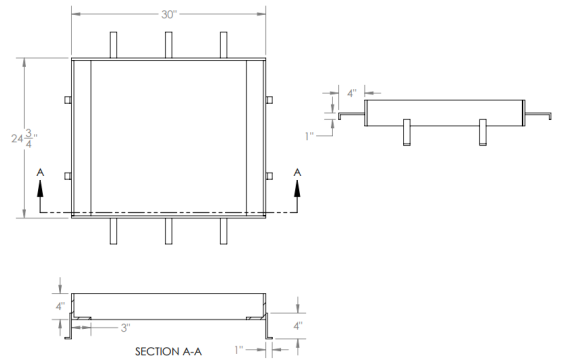
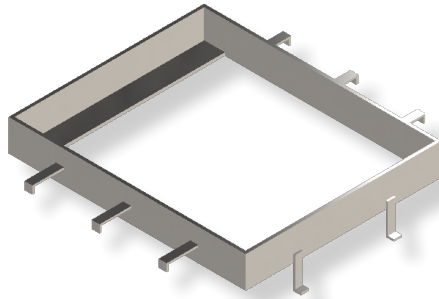
*REFER TO NDOT STANDARD PLANS (PG. 24)

*AMOUNT OF GRATES NEEDED DEPENDS ON FRAME DIMENSIONS

≤15" PIPE SINGLE FRAME

24X24 Clear opening

- FINISHES:
- Raw Mill
 - HDG

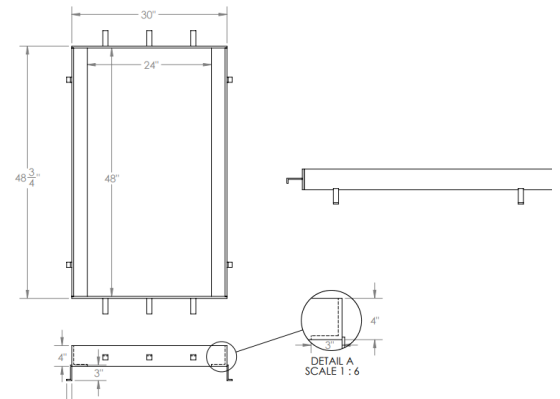
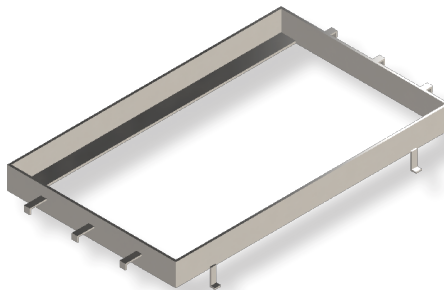


F-0008

≤15" PIPE DOUBLE FRAME

24X48 Clear opening

- FINISHES:
- Raw Mill
 - HDG

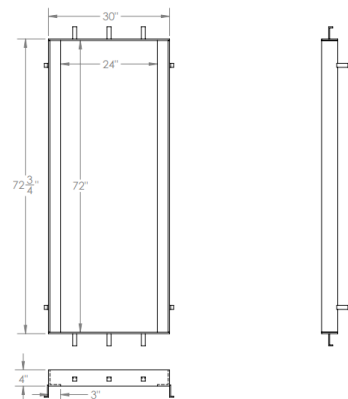
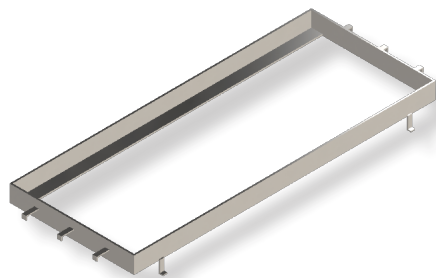


F-0009

≤15" PIPE TRIPLE FRAME

24X72 Clear opening

- FINISHES:
- Raw Mill
 - HDG

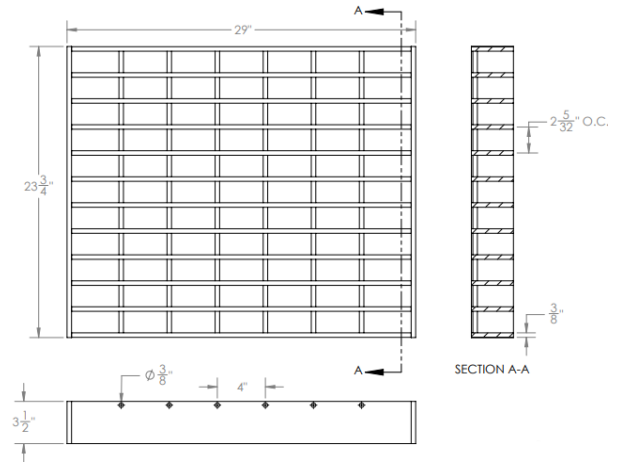
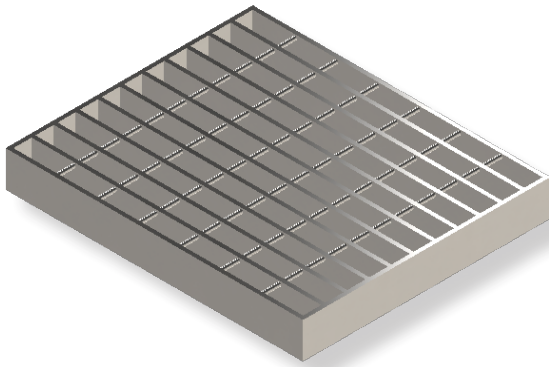


F-0010

≤15" PIPE GRATE

FINISHES:

- Raw Mill
- HDG



G-0022

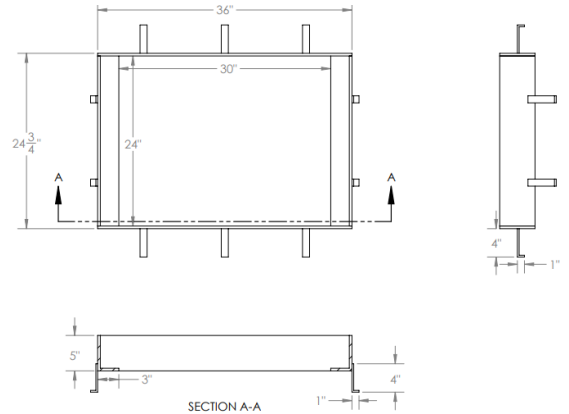
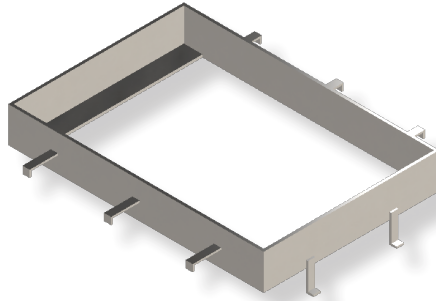
PIPE SIZE INCH	A	MAIN BARS INCH	FRAMES ANGLES INCH	FRAME BARS INCH	SINGLE GRATE	DOUBLE GRATE	TRIPLE GRATE
≤15	2'	3 1/2 X 3/8	4 X 3 X 3/8	4 X 3/8	2	4	6
18	2' - 6"	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
24	3'	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
30	3' - 6"	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
36	4'	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6
42	4' - 6"	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6
48	5'	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6

18" PIPE SINGLE FRAME

30X24 Clear opening

FINISHES:

- Raw Mill
- HDG



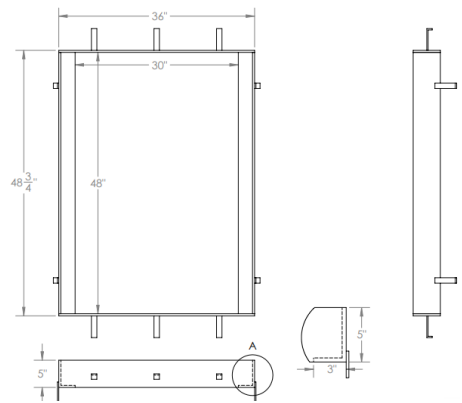
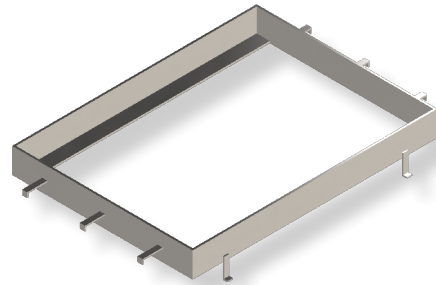
F-0011

18" PIPE DOUBLE FRAME

30X48 Clear opening

FINISHES:

- Raw Mill
- HDG



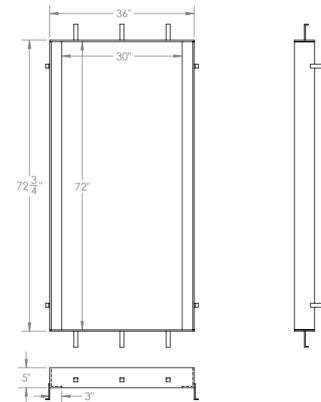
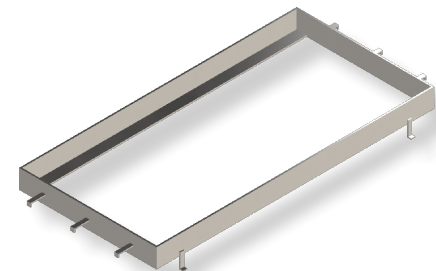
F-0012

18" PIPE TRIPLE FRAME

30X72 Clear opening

FINISHES:

- Raw Mill
- HDG

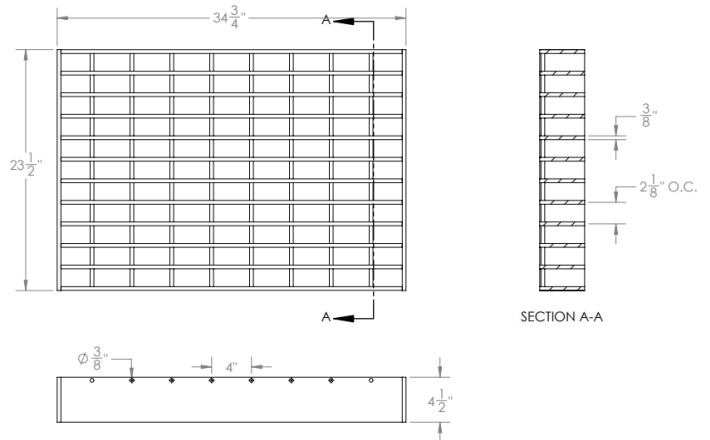
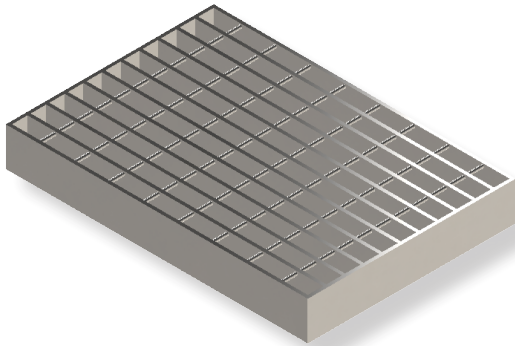


F-0013

18" PIPE GRATE

FINISHES:

- Raw Mill
- HDG



G-0023

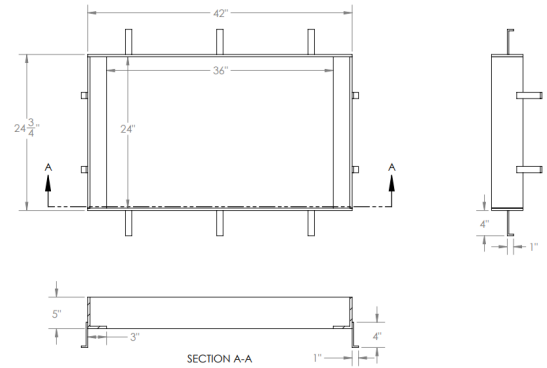
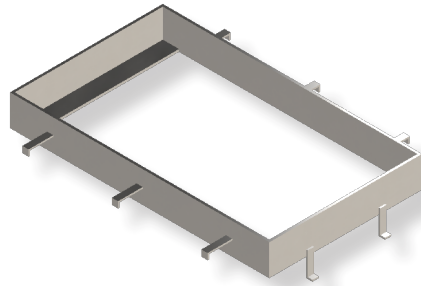
PIPE SIZE INCH	A	MAIN BARS INCH	FRAMES ANGLES INCH	FRAME BARS INCH	SINGLE GRATE	DOUBLE GRATE	TRIPLE GRATE
≤15	2'	3 1/2 X 3/8	4 X 3 X 3/8	4 X 3/8	2	4	6
18	2' - 6"	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
24	3'	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
30	3' - 6"	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
36	4'	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6
42	4' - 6"	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6
48	5'	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6

24" PIPE SINGLE FRAME

36X24 Clear opening

FINISHES:

- Raw Mill
- HDG



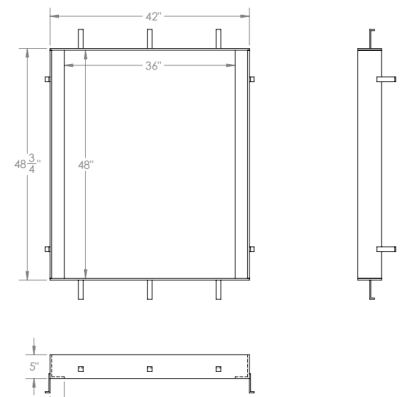
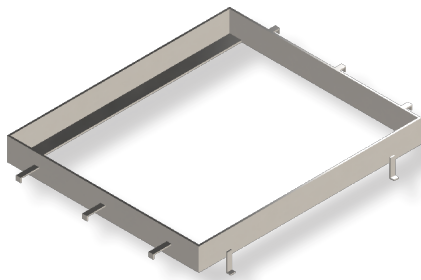
F-0014

24" PIPE DOUBLE FRAME

36X48 Clear opening

FINISHES:

- Raw Mill
- HDG



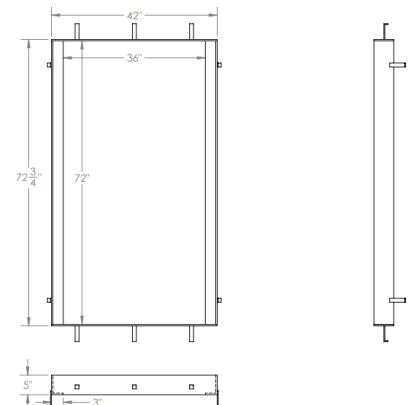
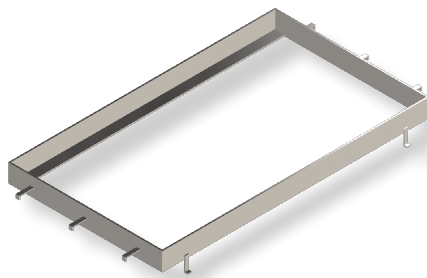
F-0015

24" PIPE TRIPLE FRAME

36X72 Clear opening

FINISHES:

- Raw Mill
- HDG

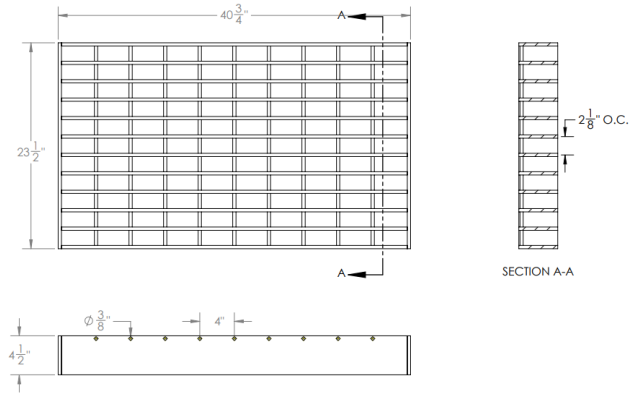
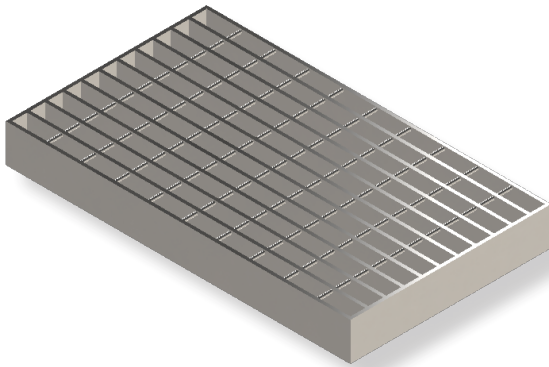


F-0016

24" PIPE GRATE

FINISHES:

- Raw Mill
- HDG



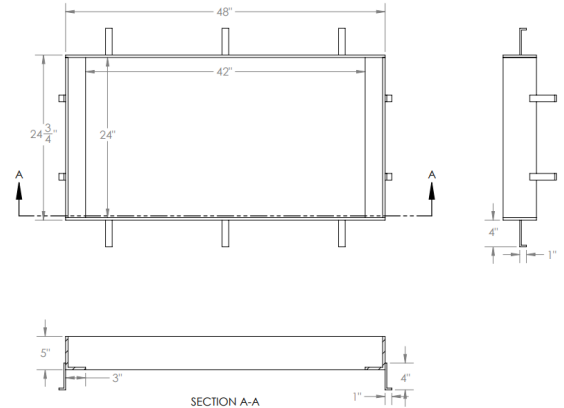
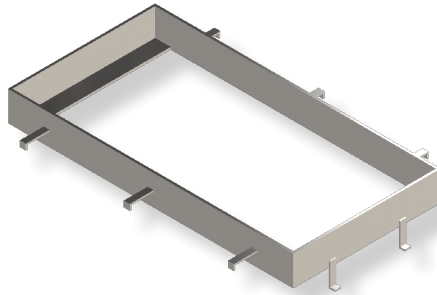
G-0024

PIPE SIZE INCH	A	MAIN BARS INCH	FRAMES ANGLES INCH	FRAME BARS INCH	SINGLE GRATE	DOUBLE GRATE	TRIPLE GRATE
≤15	2'	3 1/2 X 3/8	4 X 3 X 3/8	4 X 3/8	2	4	6
18	2' - 6"	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
24	3'	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
30	3' - 6"	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
36	4'	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6
42	4' - 6"	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6
48	5'	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6

30" PIPE SINGLE FRAME

42X24 Clear opening

- FINISHES:
- Raw Mill
 - HDG

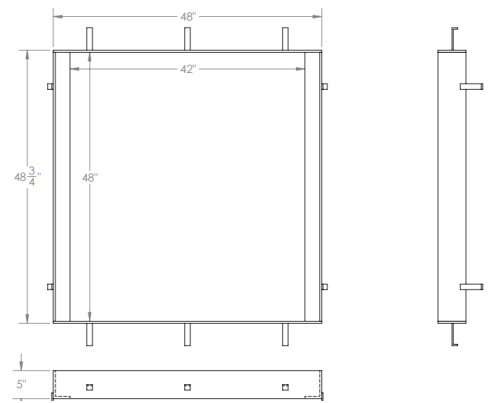
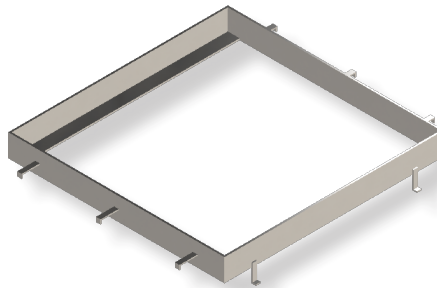


F-0017

30" PIPE DOUBLE FRAME

42X48 Clear opening

- FINISHES:
- Raw Mill
 - HDG

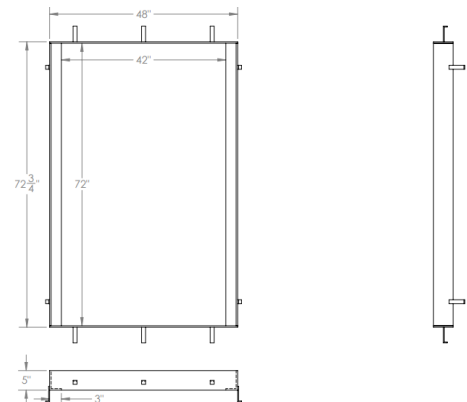
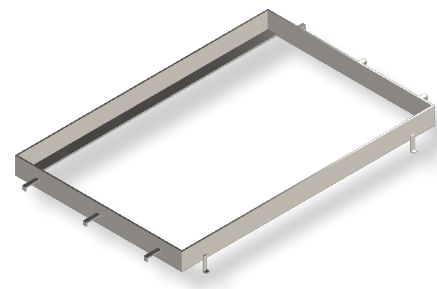


F-0018

30" PIPE TRIPLE FRAME

42X72 Clear opening

- FINISHES:
- Raw Mill
 - HDG

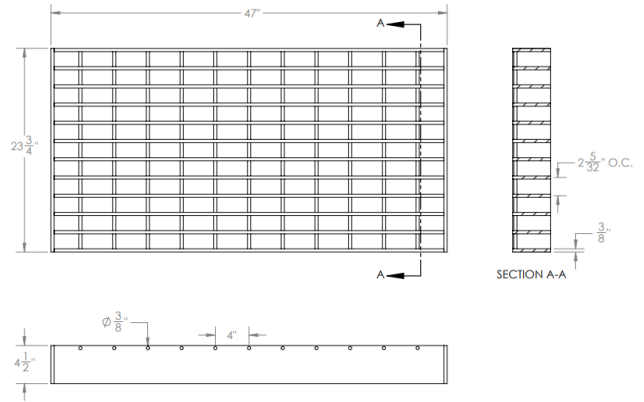
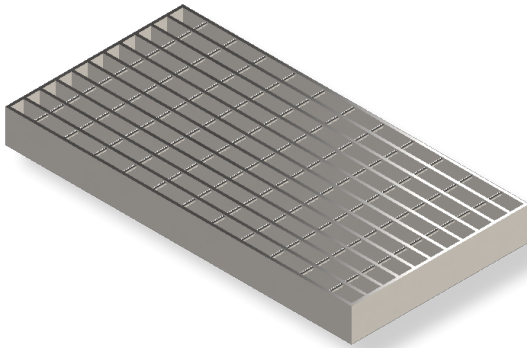


F-0019

30" PIPE GRATE

FINISHES:

- Raw Mill
- HDG



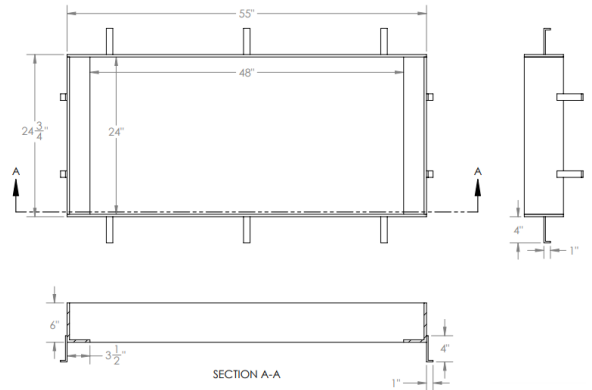
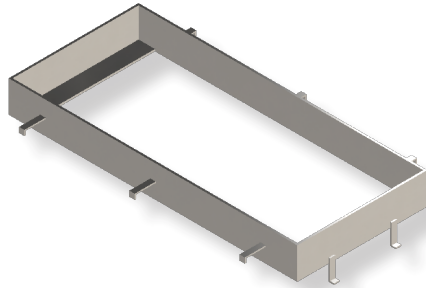
G-0025

PIPE SIZE INCH	A	MAIN BARS INCH	FRAMES ANGLES INCH	FRAME BARS INCH	SINGLE GRATE	DOUBLE GRATE	TRIPLE GRATE
≤15	2'	3 1/2 X 3/8	4 X 3 X 3/8	4 X 3/8	2	4	6
18	2' - 6"	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
24	3'	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
30	3' - 6"	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
36	4'	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6
42	4' - 6"	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6
48	5'	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6

36" PIPE SINGLE FRAME

48X24 Clear opening

- FINISHES:
- Raw Mill
 - HDG

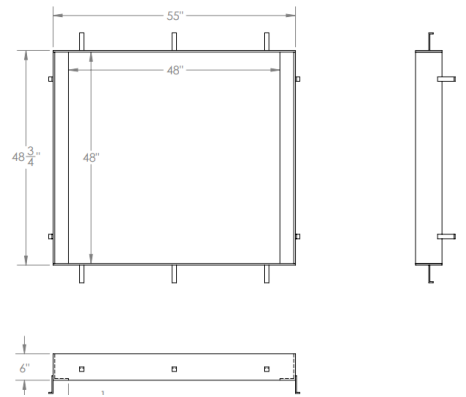
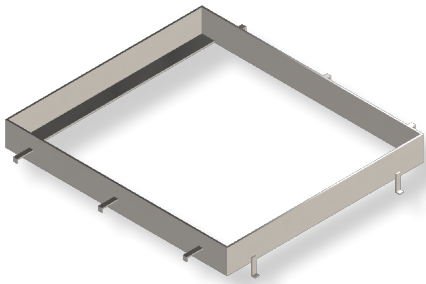


F-0020

36" PIPE DOUBLE FRAME

48X48 Clear opening

- FINISHES:
- Raw Mill
 - HDG

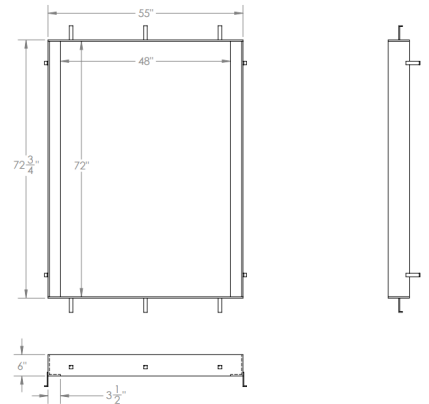
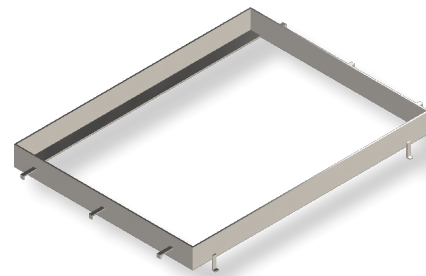


F-0021

36" PIPE TRIPLE FRAME

48X72 Clear opening

- FINISHES:
- Raw Mill
 - HDG

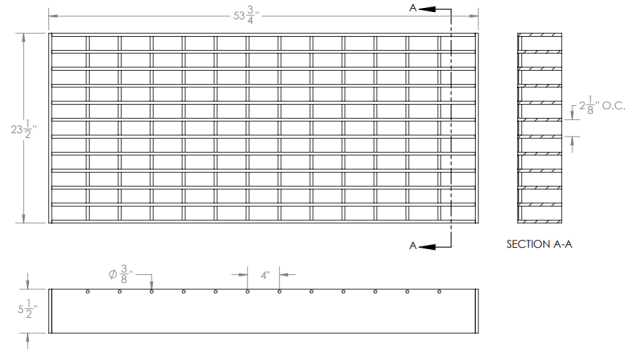
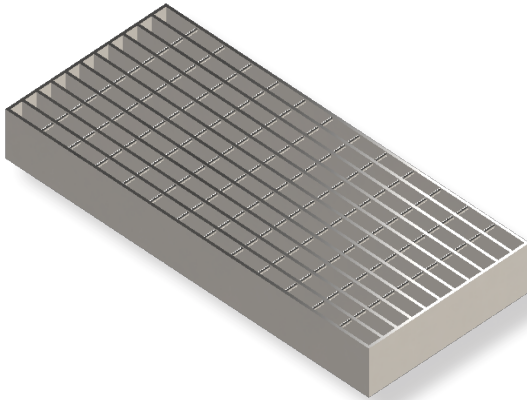


F-0022

36" PIPE GRATE

FINISHES:

- Raw Mill
- HDG



G-0026

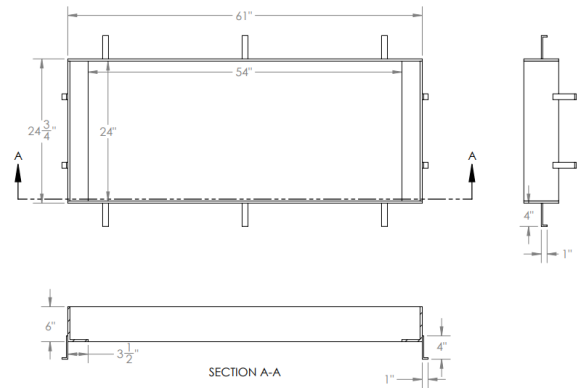
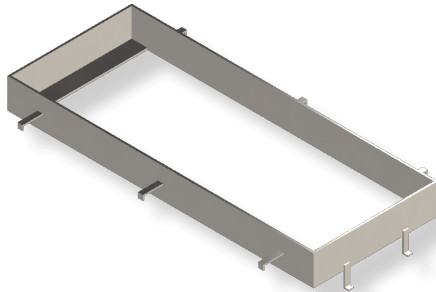
PIPE SIZE INCH	A	MAIN BARS INCH	FRAMES ANGLES INCH	FRAME BARS INCH	SINGLE GRATE	DOUBLE GRATE	TRIPLE GRATE
≤15	2'	3 1/2 X 3/8	4 X 3 X 3/8	4 X 3/8	2	4	6
18	2' - 6"	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
24	3'	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
30	3' - 6"	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
36	4'	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6
42	4' - 6"	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6
48	5'	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6

42" PIPE SINGLE FRAME

54X24 Clear opening

FINISHES:

- Raw Mill
- HDG



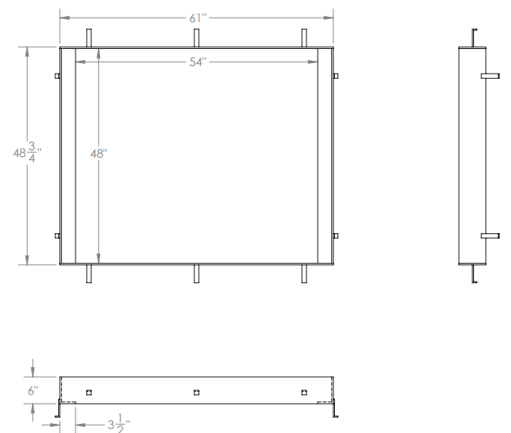
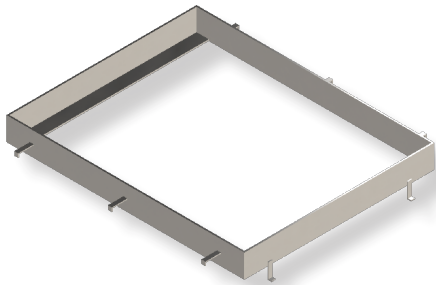
F-0023

42" PIPE DOUBLE FRAME

54X48 Clear opening

FINISHES:

- Raw Mill
- HDG



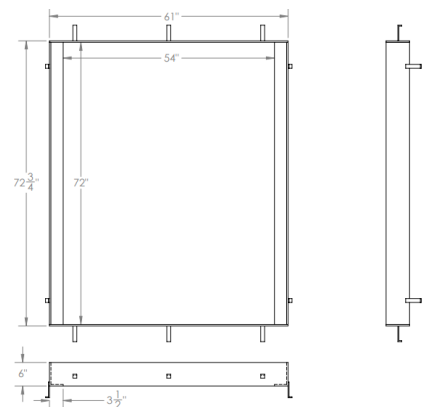
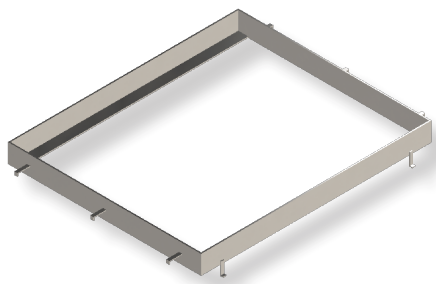
F-0024

42" PIPE TRIPLE FRAME

54X72 Clear opening

FINISHES:

- Raw Mill
- HDG

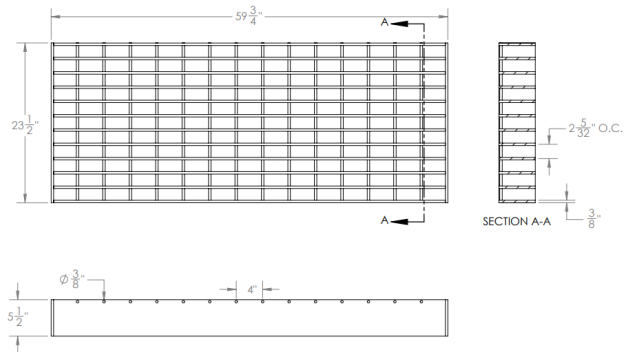
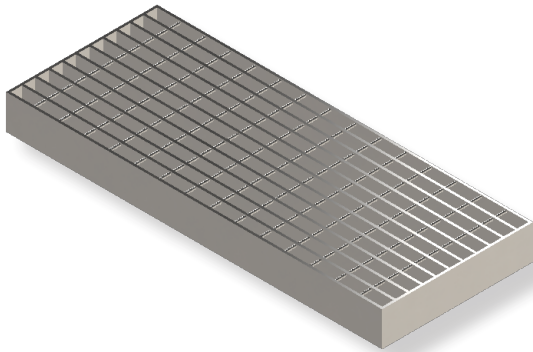


F-0025

42" PIPE GRATE

FINISHES:

- Raw Mill
- HDG



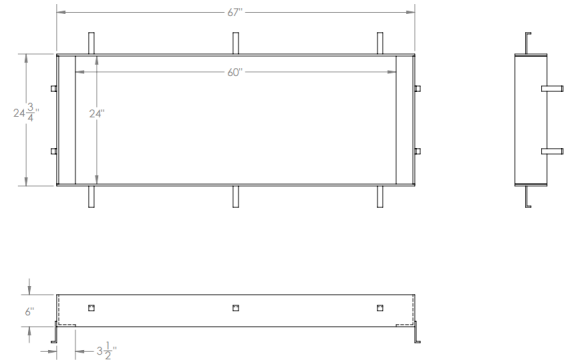
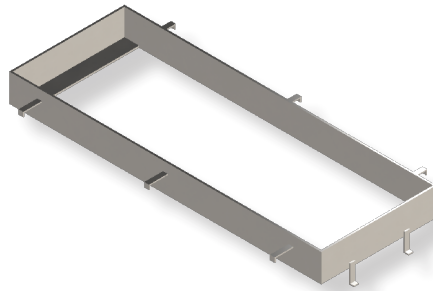
G-0027

PIPE SIZE INCH	A	MAIN BARS INCH	FRAMES ANGLES INCH	FRAME BARS INCH	SINGLE GRATE	DOUBLE GRATE	TRIPLE GRATE
≤15	2'	3 1/2 X 3/8	4 X 3 X 3/8	4 X 3/8	2	4	6
18	2' - 6"	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
24	3'	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
30	3' - 6"	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
36	4'	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6
42	4' - 6"	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6
48	5'	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6

48" PIPE SINGLE FRAME

60X24 Clear opening

- FINISHES:
- Raw Mill
 - HDG

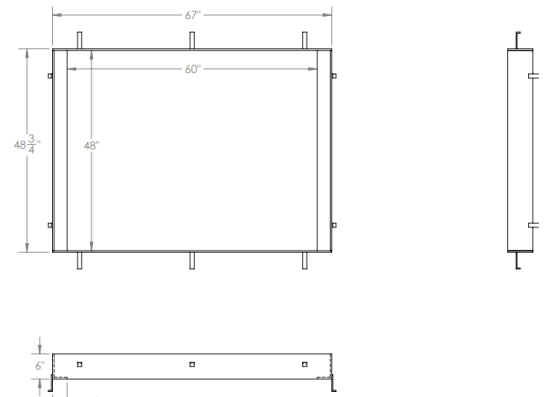
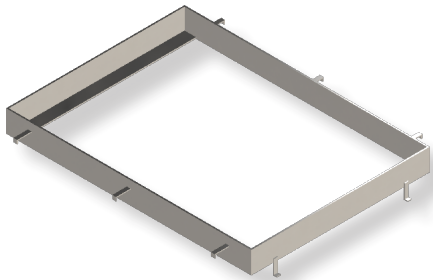


F-0026

48" PIPE DOUBLE FRAME

60X48 Clear opening

- FINISHES:
- Raw Mill
 - HDG

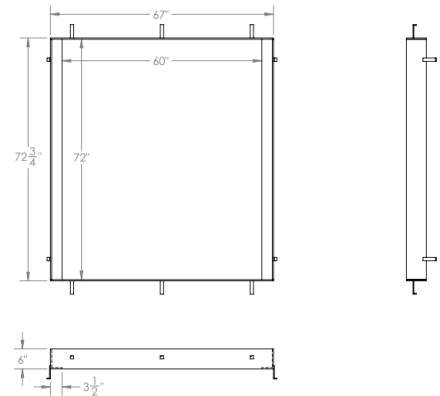
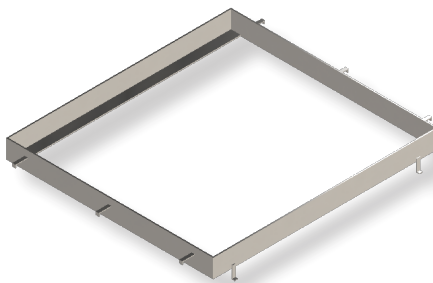


F-0027

48" PIPE TRIPLE FRAME

60X72 Clear opening

- FINISHES:
- Raw Mill
 - HDG

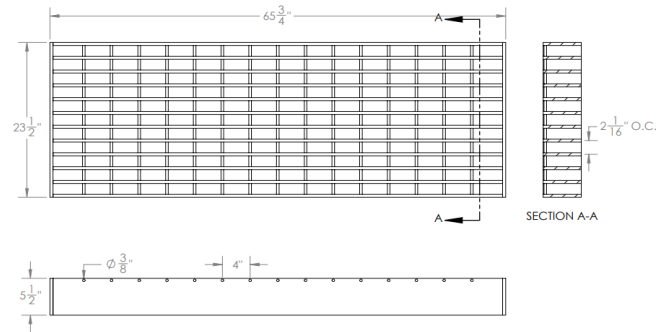
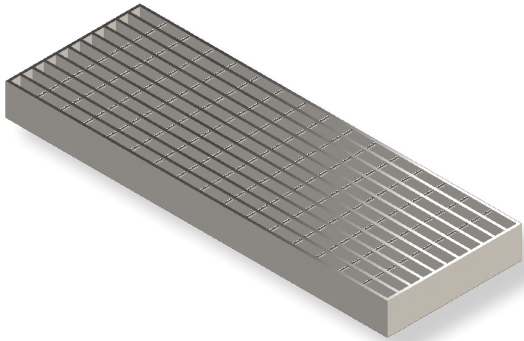


F-0028

48" PIPE GRATE

FINISHES:

- Raw Mill
- HDG



G-0028

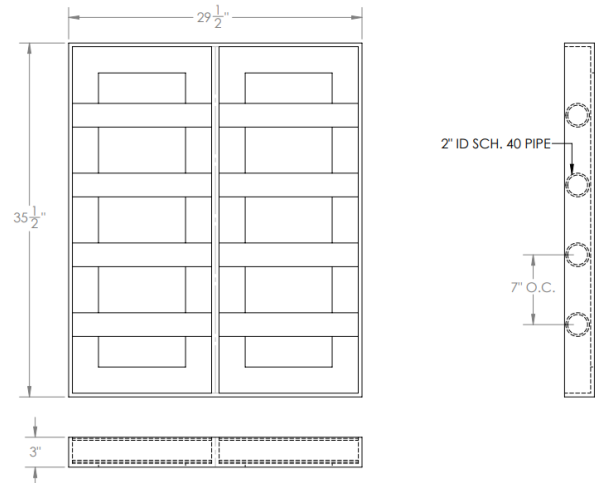
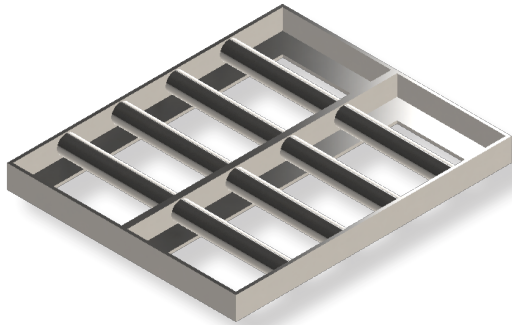
PIPE SIZE INCH	A	MAIN BARS INCH	FRAMES ANGLES INCH	FRAME BARS INCH	SINGLE GRATE	DOUBLE GRATE	TRIPLE GRATE
≤15	2'	3 1/2 X 3/8	4 X 3 X 3/8	4 X 3/8	2	4	6
18	2' - 6"	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
24	3'	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
30	3' - 6"	4 1/2 X 3/8	5 X 3 X 3/8	5 X 3/8	2	4	6
36	4'	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6
42	4' - 6"	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6
48	5'	5 1/2 X 3/8	6 X 3 X 3/8	6 X 3/8	2	4	6

* THE FOLLOWING TYPE 2A GRATES FIT CORRESPONDING SIZES FOR NDOT TYPE 2B FRAMES (PG 46)

18" PIPE GRATE (TYPE 2A)

FINISHES:

- Raw Mill
- Black
- HDG



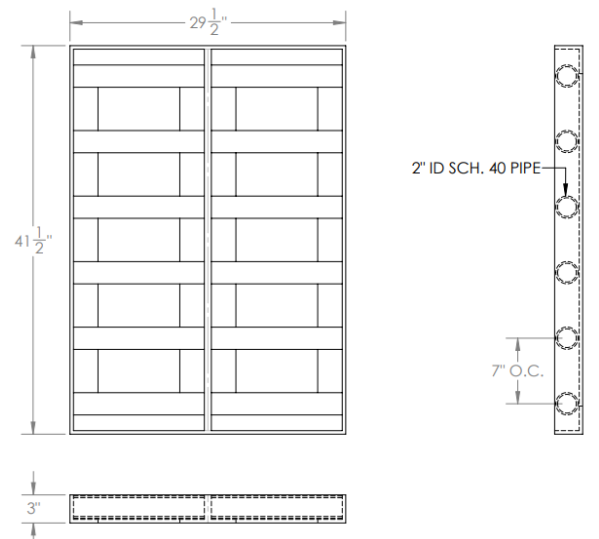
G-0029

SEE PAGE 46

24" PIPE GRATE (TYPE 2A)

FINISHES:

- Raw Mill
- Black
- HDG



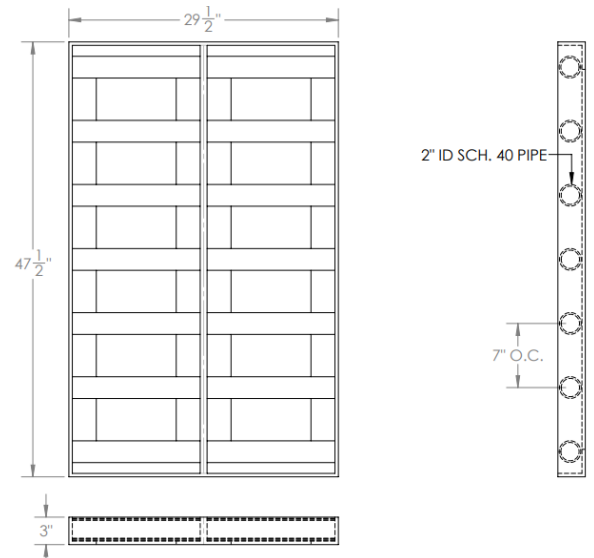
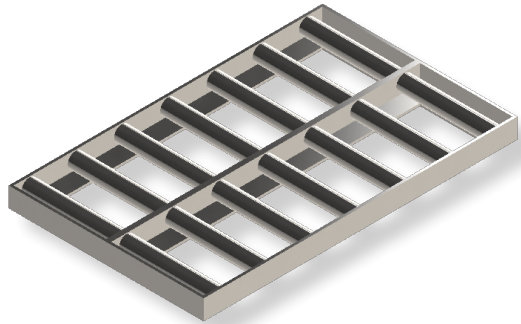
G-0030

SEE PAGE 46

30" PIPE GRATE (TYPE 2A)

FINISHES:

- Raw Mill
- Black
- HDG



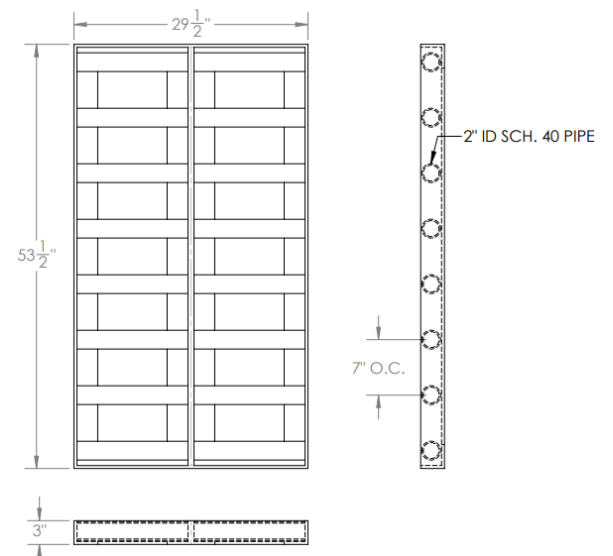
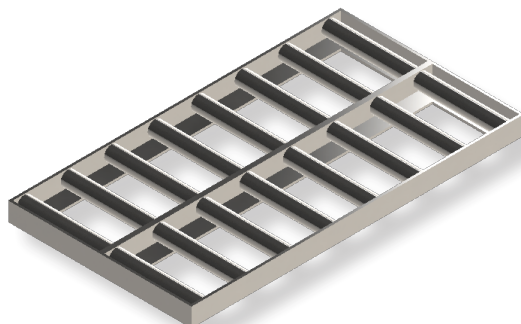
G-0031

SEE PAGE 47

36" PIPE FRAME (TYPE 2A)

FINISHES:

- Raw Mill
- Black
- HDG



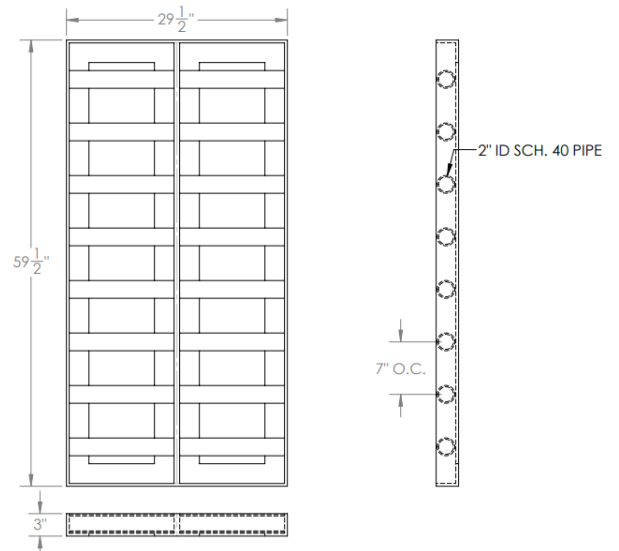
G-0032

SEE PAGE 47

42" PIPE GRATE (TYPE 2A)

FINISHES:

- Raw Mill
- Black
- HDG



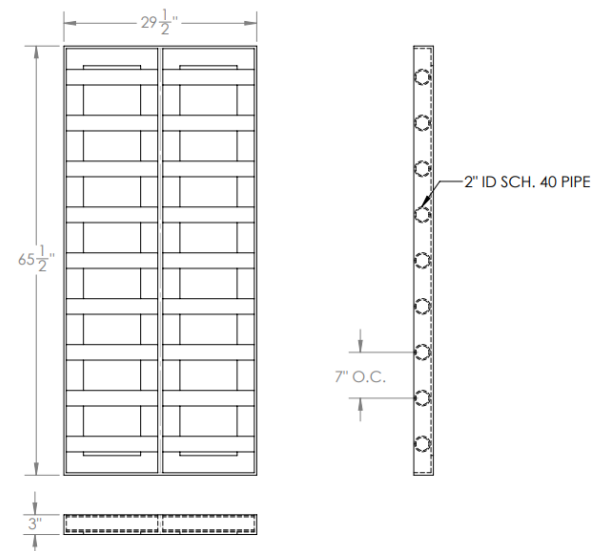
G-0033

SEE PAGE 48

48" PIPE GRATE (TYPE 2A)

FINISHES:

- Raw Mill
- Black
- HDG



G-0034

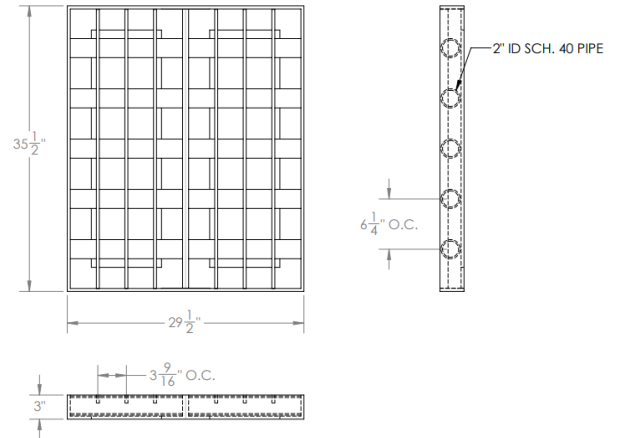
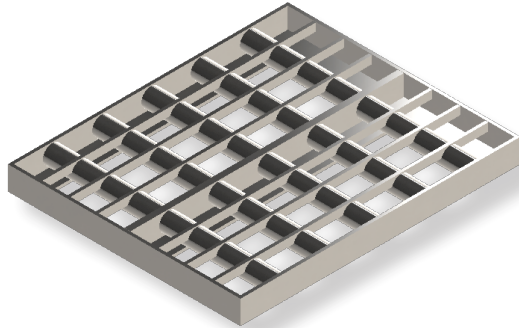
SEE PAGE 48

* THE FOLLOWING TYPE 2B GRATES FIT CORRESPONDING SIZES FOR NDOT TYPE 2B FRAMES (PG 46)

18" PIPE GRATE (TYPE 2B)

FINISHES:

- Raw Mill
- Black
- HDG



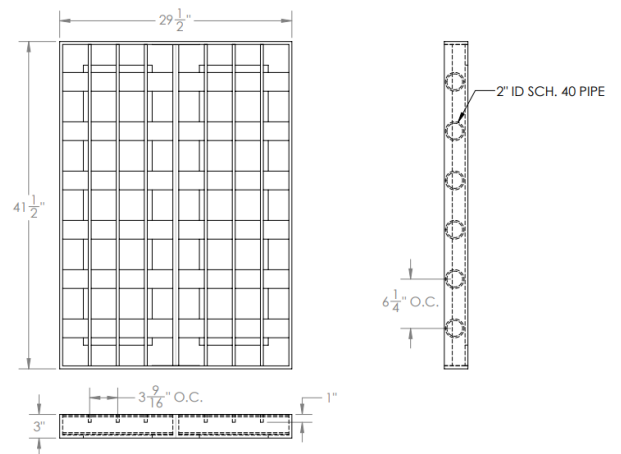
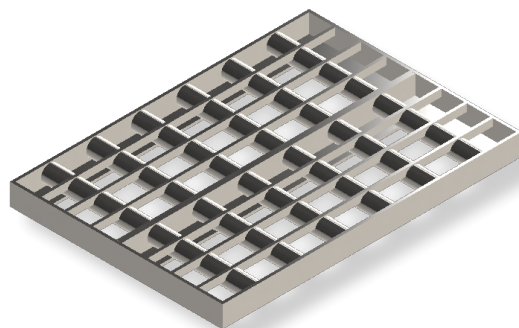
G-0035

SEE PAGE 46

24" PIPE GRATE (TYPE 2B)

FINISHES:

- Raw Mill
- Black
- HDG



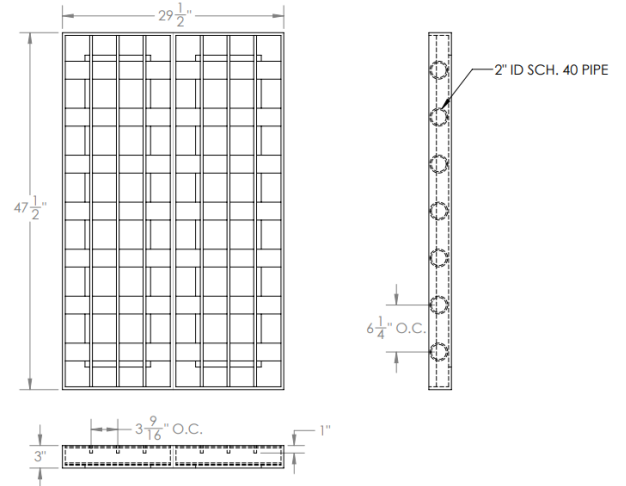
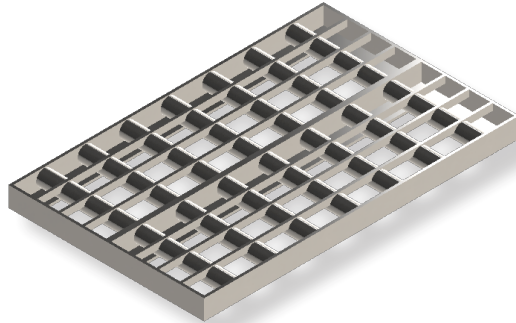
G-0036

SEE PAGE 46

30" PIPE GRATE (TYPE 2B)

FINISHES:

- Raw Mill
- Black
- HDG



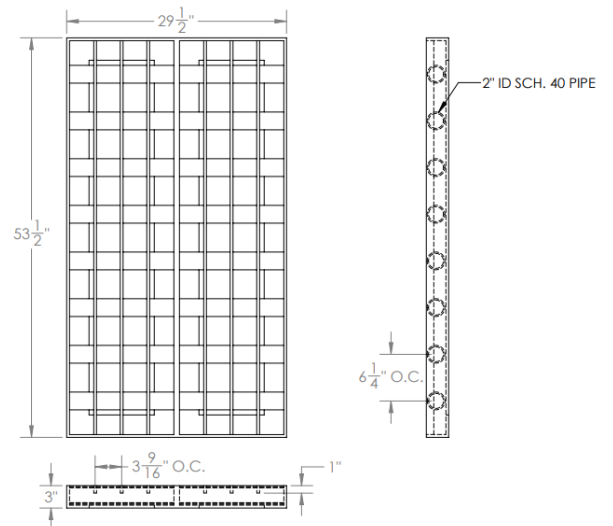
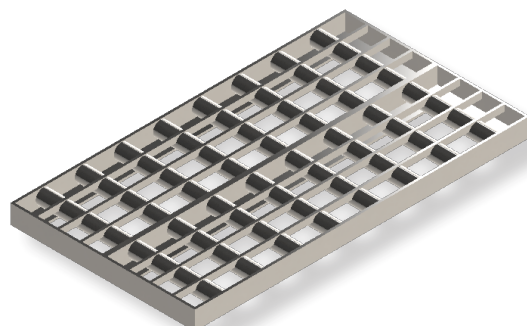
G-0037

SEE PAGE 47

36" PIPE FRAME (TYPE 2B)

FINISHES:

- Raw Mill
- Black
- HDG



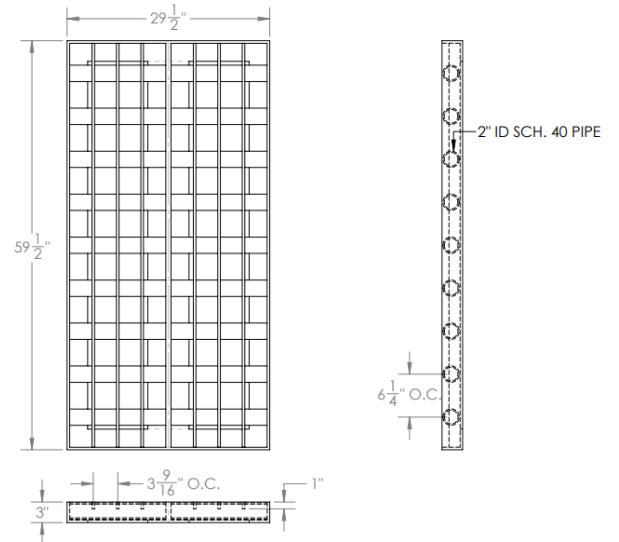
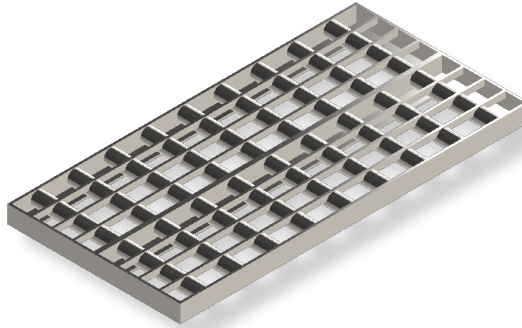
G-0038

SEE PAGE 47

42" PIPE GRATE (TYPE 2B)

FINISHES:

- Raw Mill
- Black
- HDG



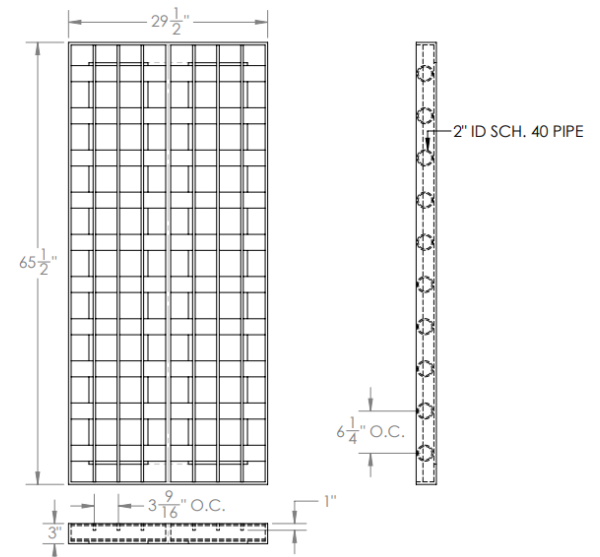
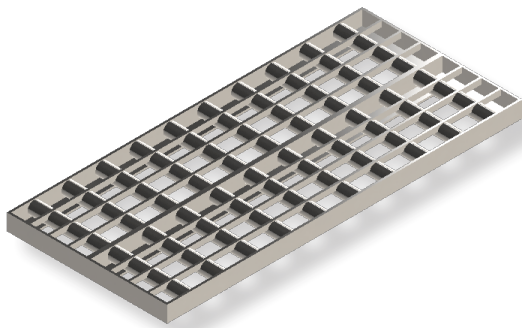
G-0039

SEE PAGE 48

48" PIPE GRATE (TYPE 2B)

FINISHES:

- Raw Mill
- Black
- HDG



G-0040

SEE PAGE 48

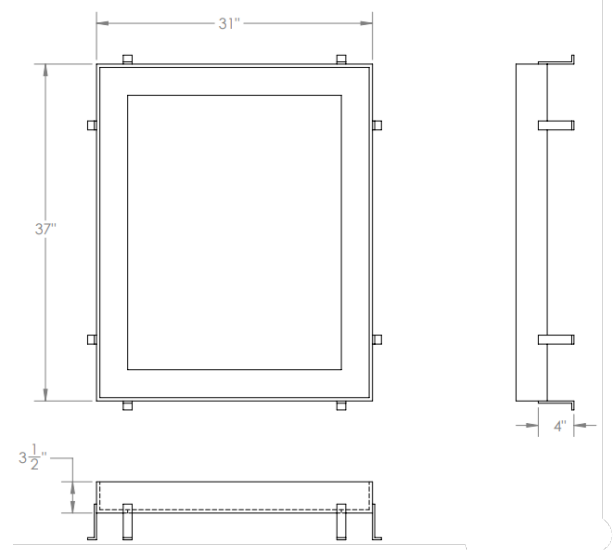
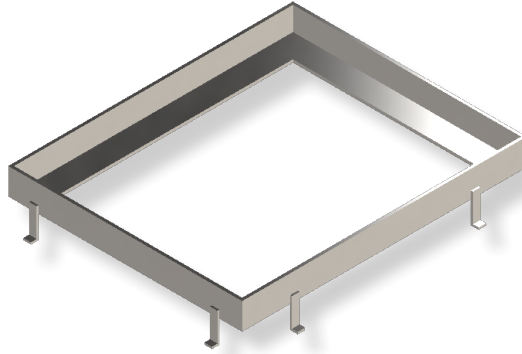
* THE FOLLOWING TYPE 2B FRAMES FIT CORRESPONDING SIZES FOR NDOT TYPE 2A AND NDOT TYPE 2B GRATES (PG 40/43)

18" PIPE FRAME

24X30 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0029

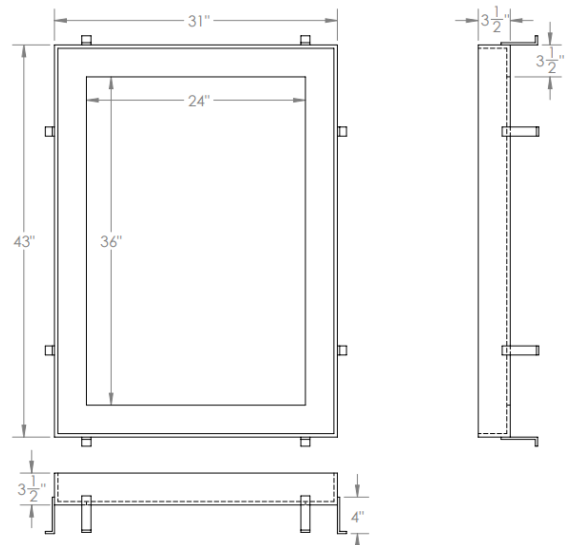
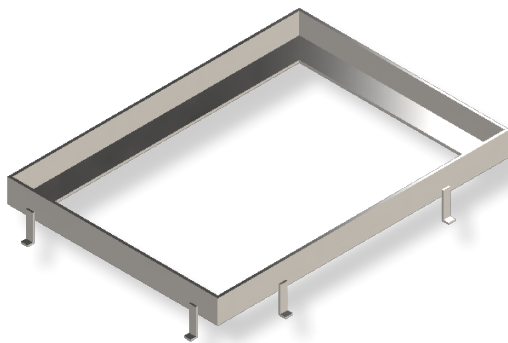
SEE PAGE 40/43

24" PIPE FRAME

24X36 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0030

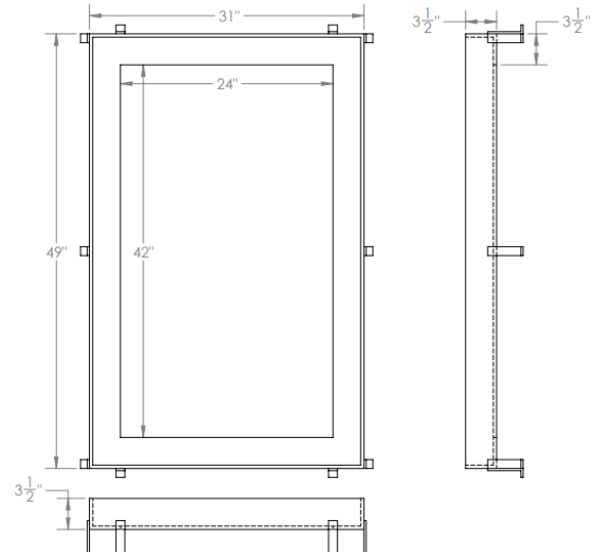
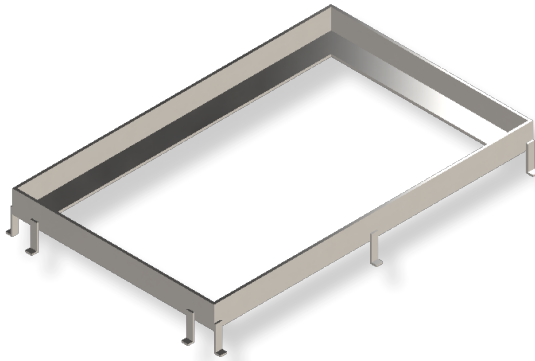
SEE PAGE 40/43

30" PIPE FRAME

24X42 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0031

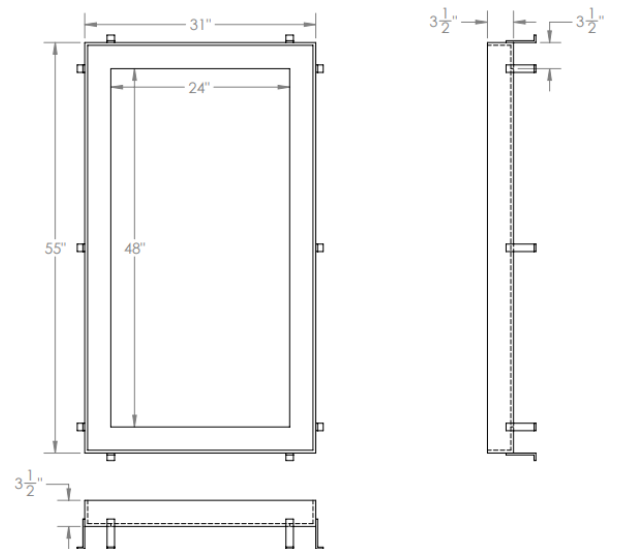
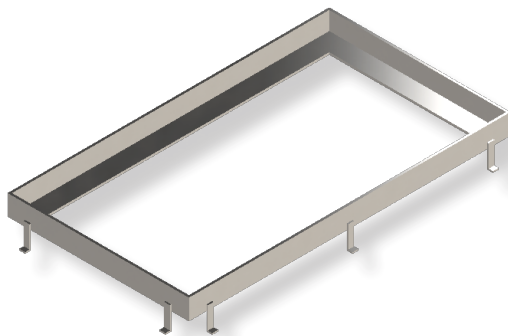
SEE PAGE 41/44

36" PIPE FRAME

24X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0032

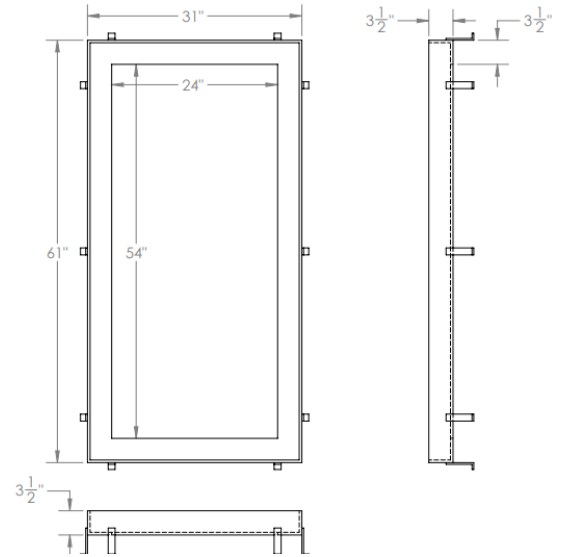
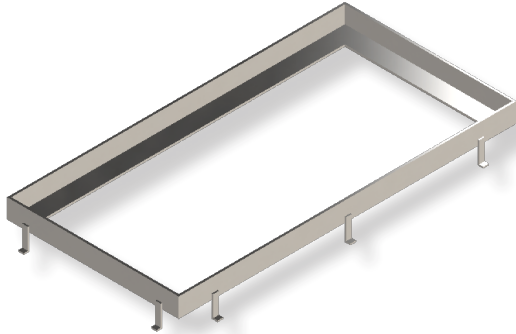
SEE PAGE 41/44

42" PIPE FRAME

24X54 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0033

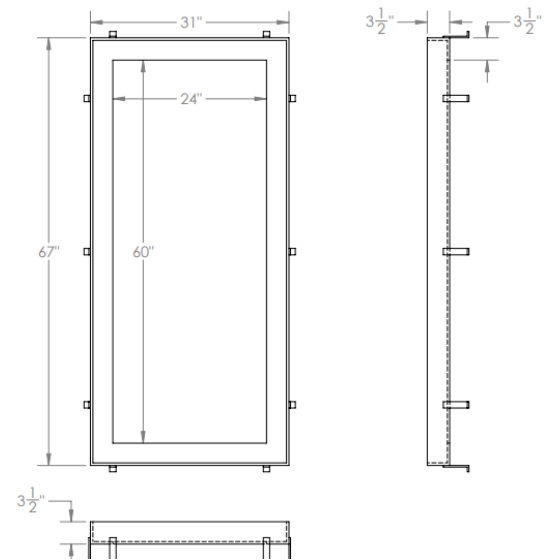
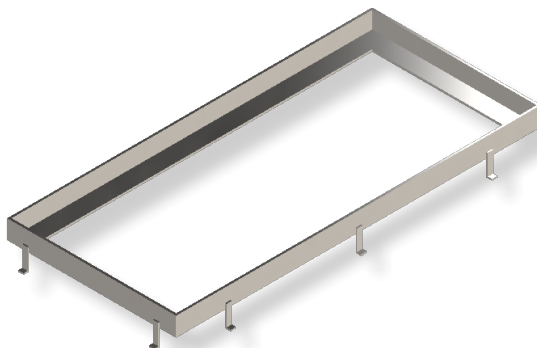
SEE PAGE 42/45

48" PIPE FRAME

24X60 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0034

SEE PAGE 42/45

BLANK PAGE

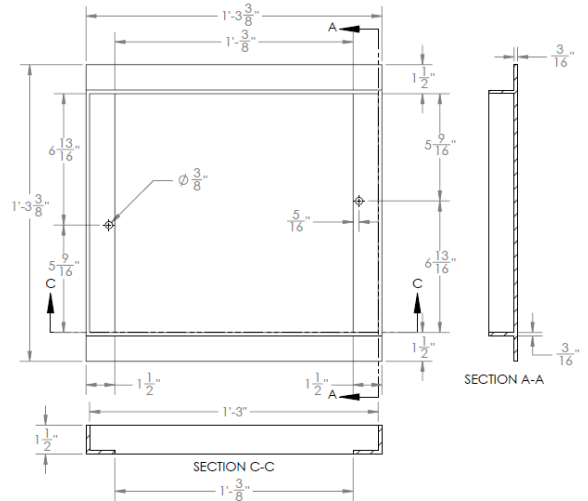
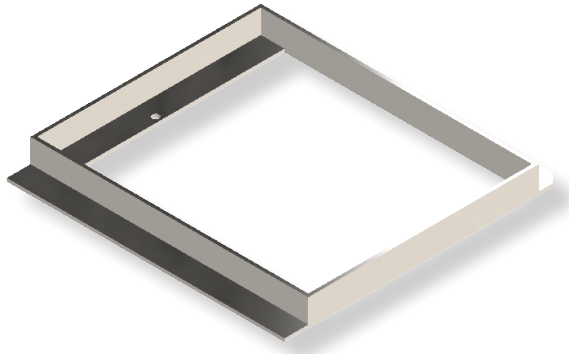
* THE FOLLOWING OC PARKWAY FRAMES FIT CORRESPONDING SIZE FOR OC PARKWAY GRATES

12X12 STANDARD FRAME

12X12 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0035

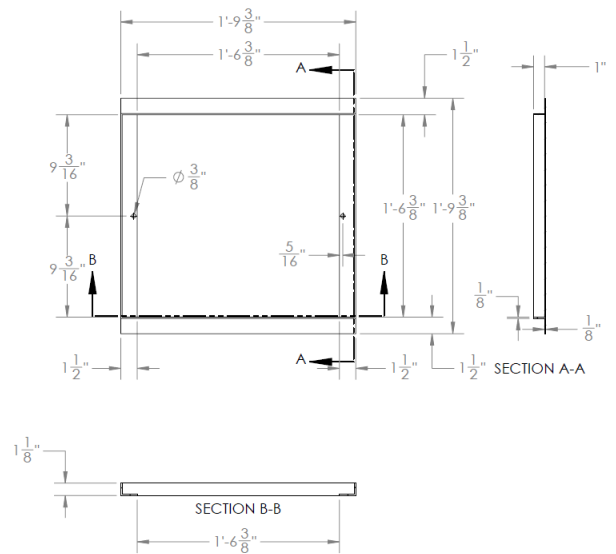
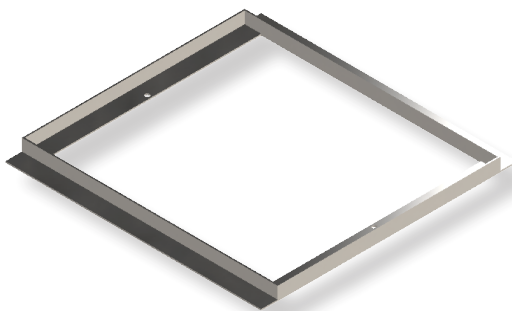
SEE PAGE 62

18X18 STANDARD FRAME

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0036

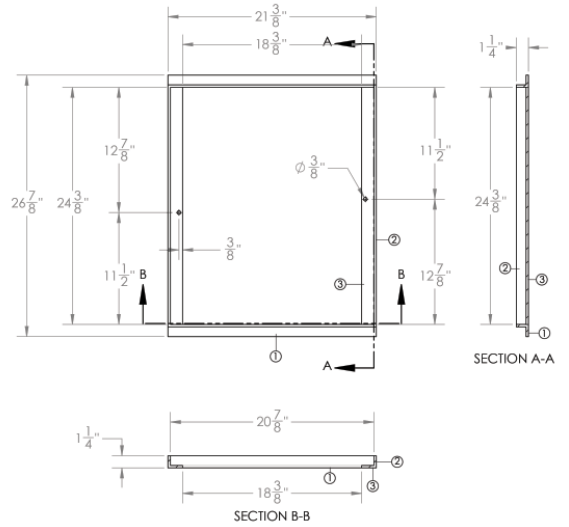
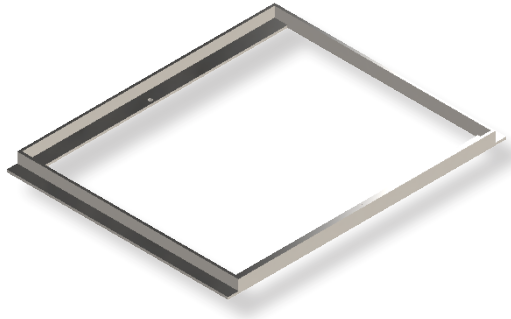
SEE PAGE 64

18X24 STANDARD FRAME

18X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0037

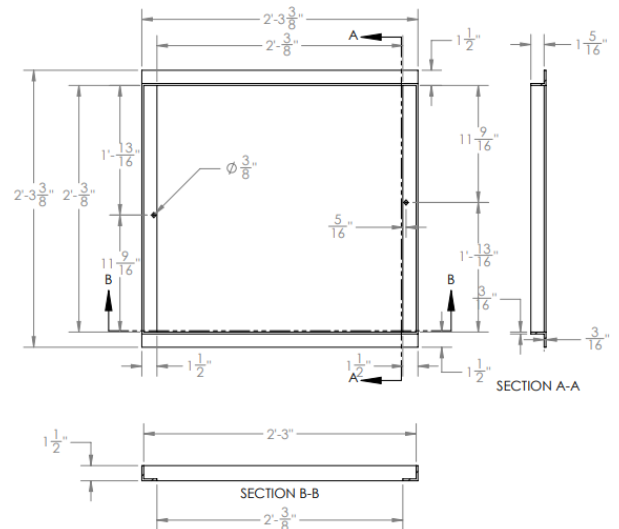
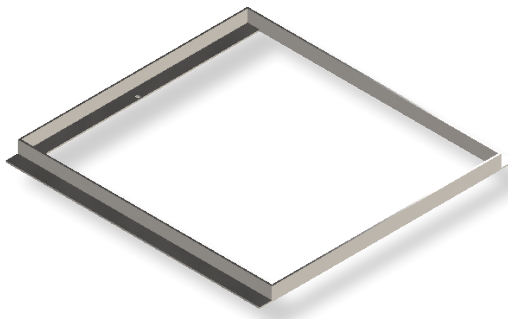
SEE PAGE 66

24X24 STANDARD FRAME

24X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0038

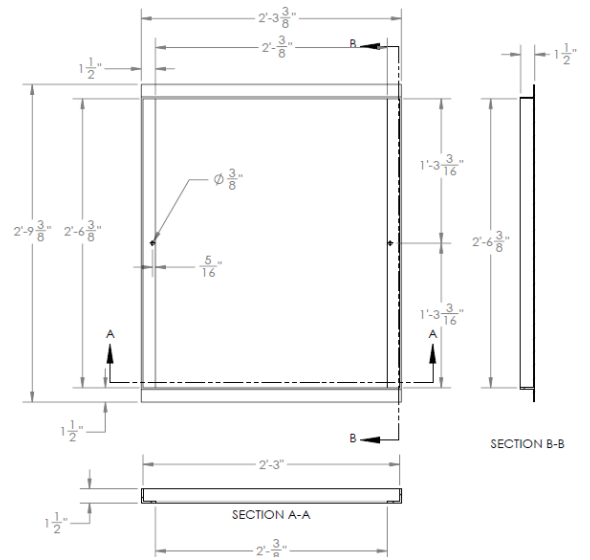
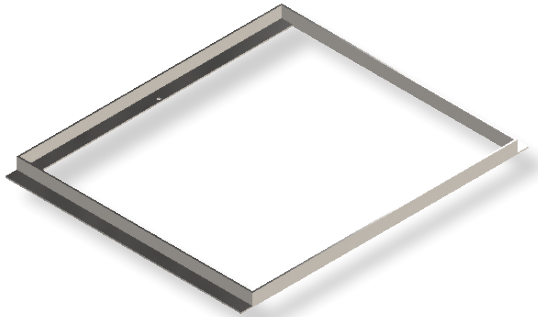
SEE PAGE 68

24X30 STANDARD FRAME

24X30 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0039

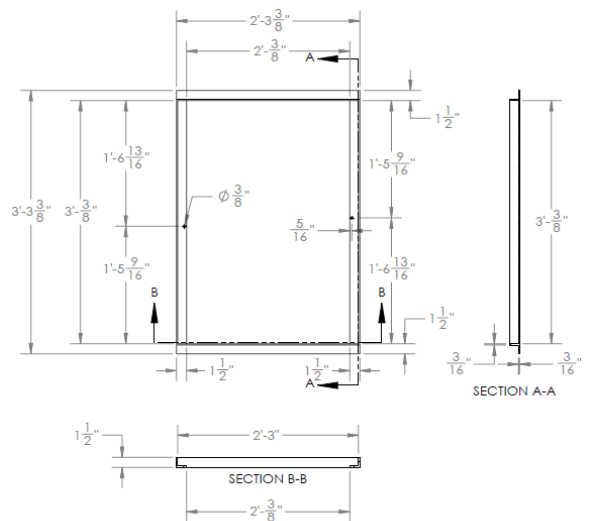
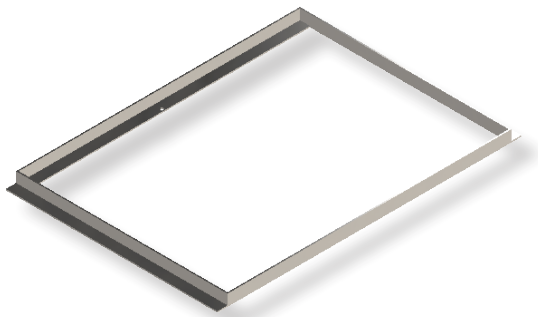
SEE PAGE 70

24X36 STANDARD FRAME

24X36 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0040

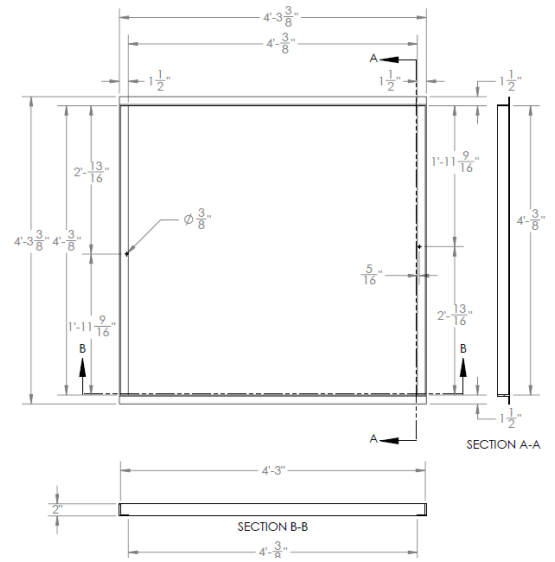
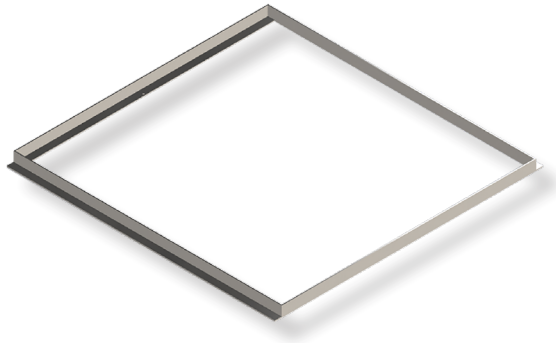
SEE PAGE 72

48X48 STANDARD FRAME

48X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0045

SEE PAGE 82

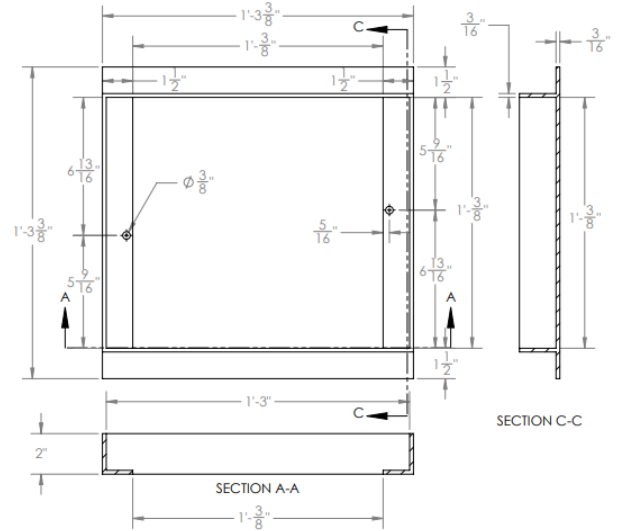
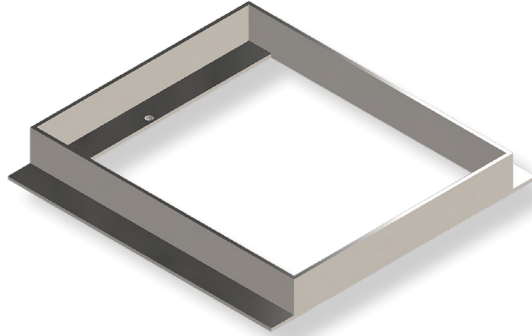
* THE FOLLOWING OC TRAFFIC FRAMES FIT CORRESPONDING SIZE FOR OC TRAFFIC GRATES

12X12 STANDARD FRAME

12X12 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0046

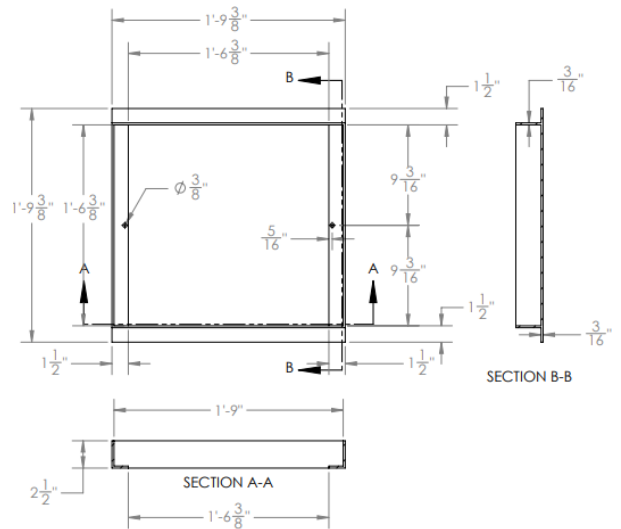
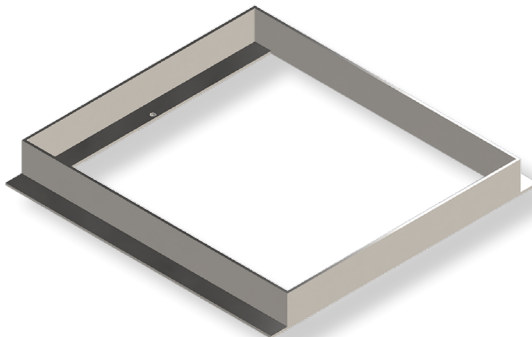
SEE PAGE 63

18X18 STANDARD FRAME

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0047

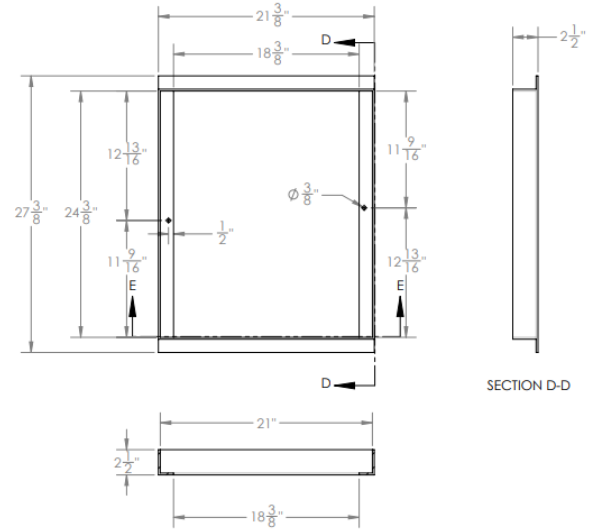
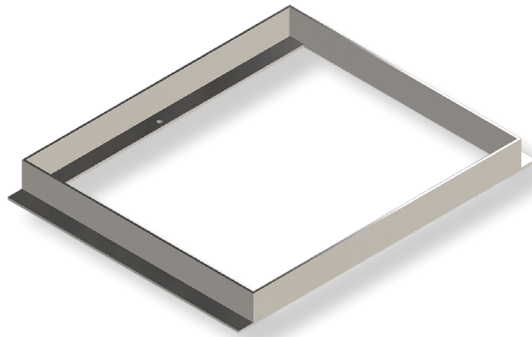
SEE PAGE 65

18X24 STANDARD FRAME

18X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0048

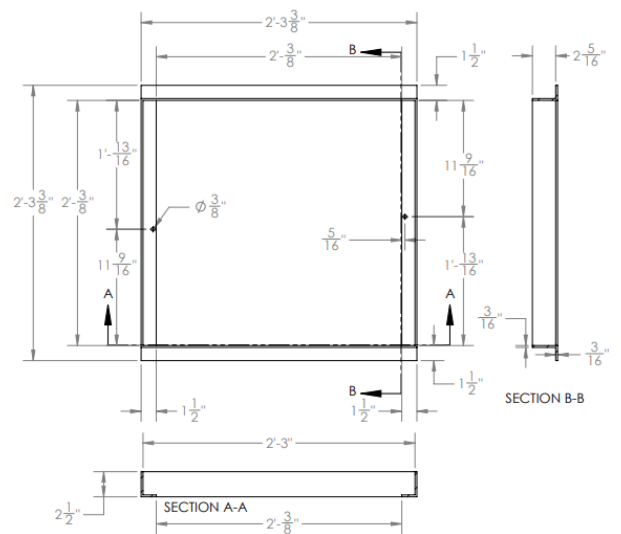
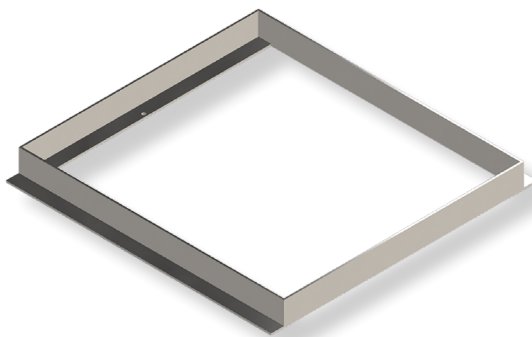
SEE PAGE 67

24X24 STANDARD FRAME

24X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0049

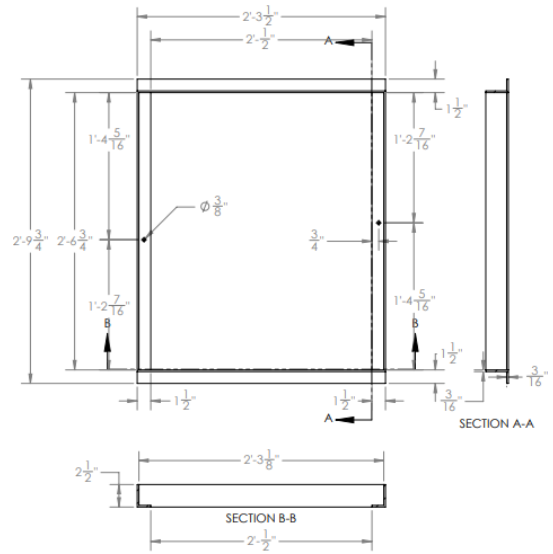
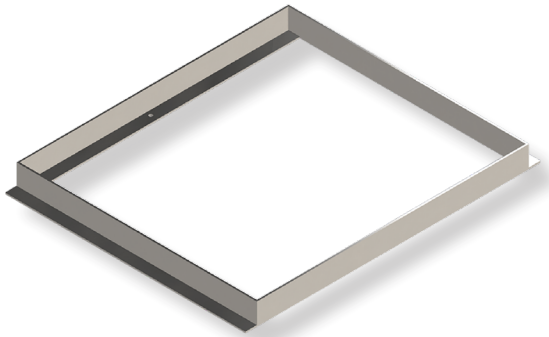
SEE PAGE 69

24X30 STANDARD FRAME

24X30 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0050

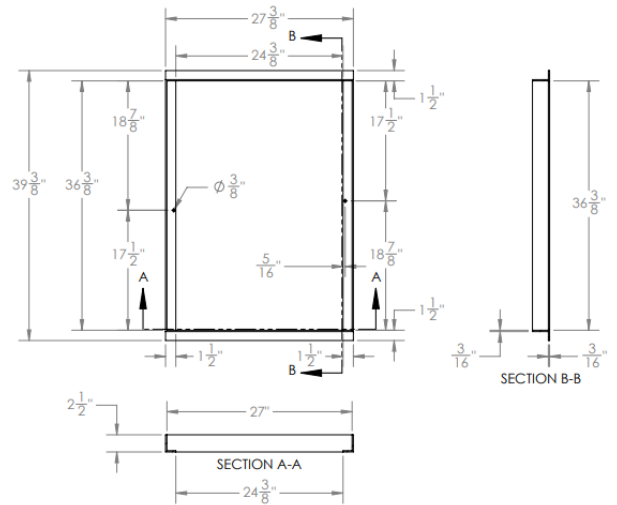
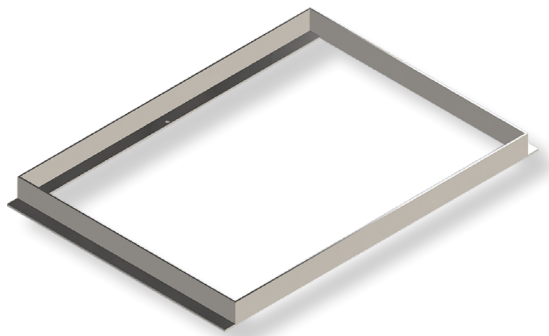
SEE PAGE 71

24X36 STANDARD FRAME

24X36 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0051

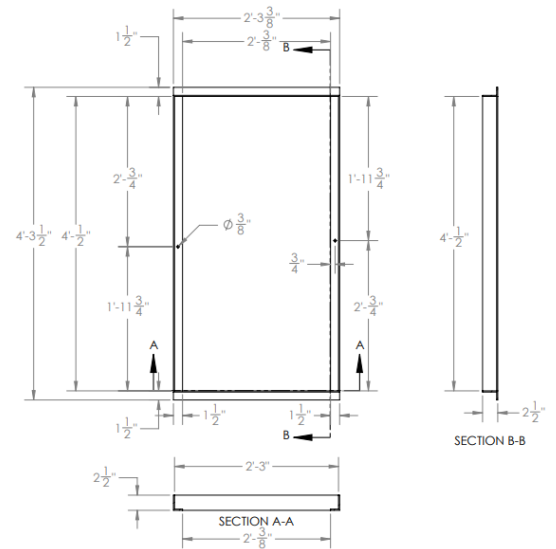
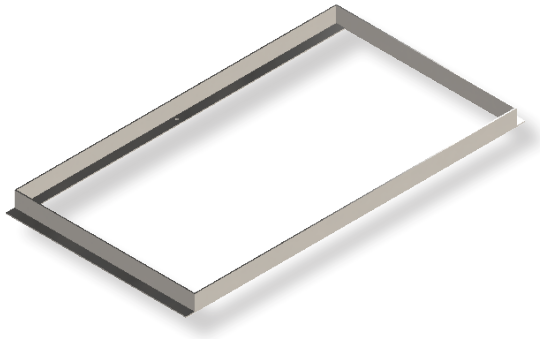
SEE PAGE 73

24x48 STANDARD FRAME

24x48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0052

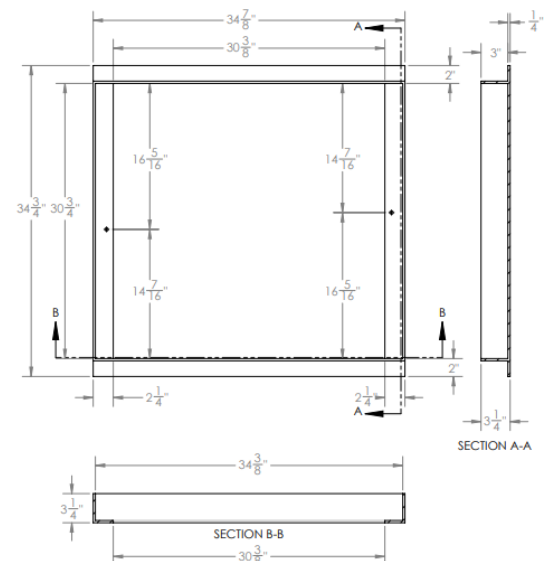
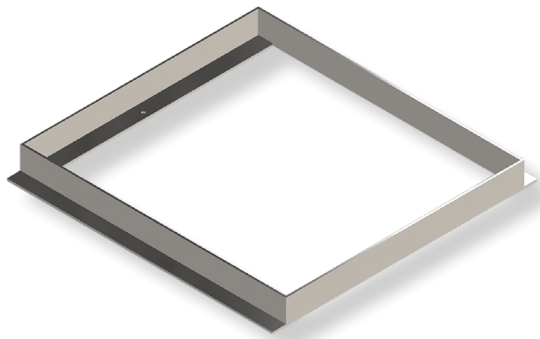
SEE PAGE 75

30X30 STANDARD FRAME

30X30 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0053

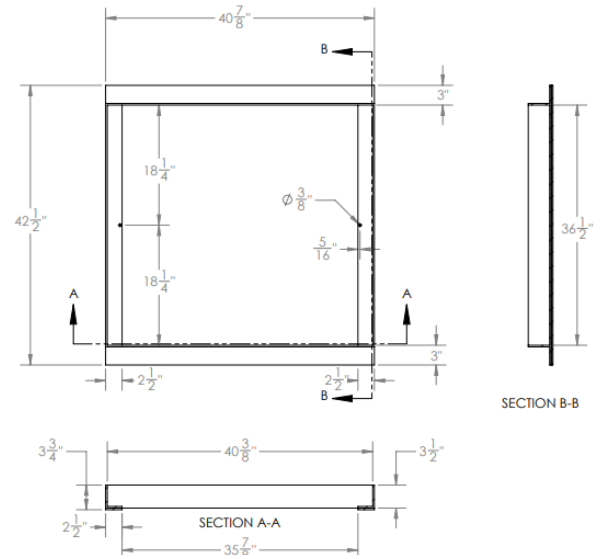
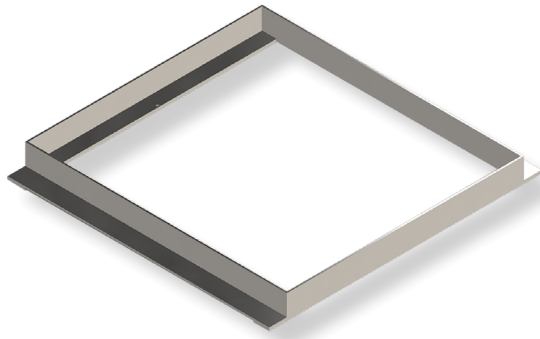
SEE PAGE 77

36X36 STANDARD FRAME

36X36 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0054

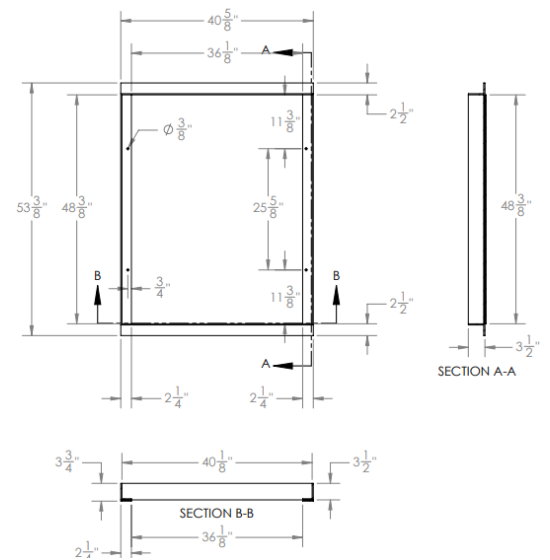
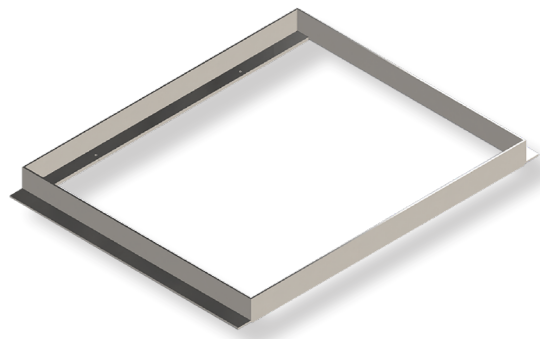
SEE PAGE 79

36X48 STANDARD FRAME

36X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0055

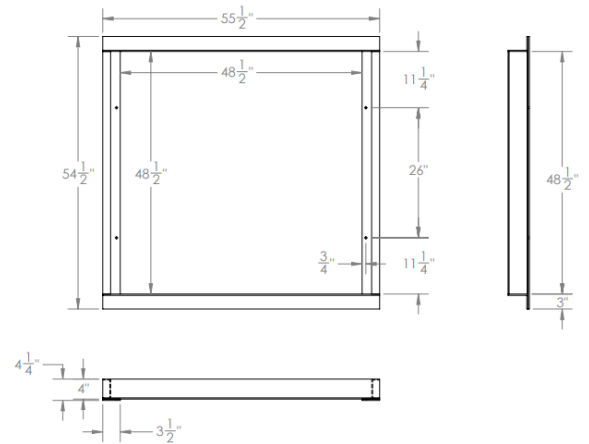
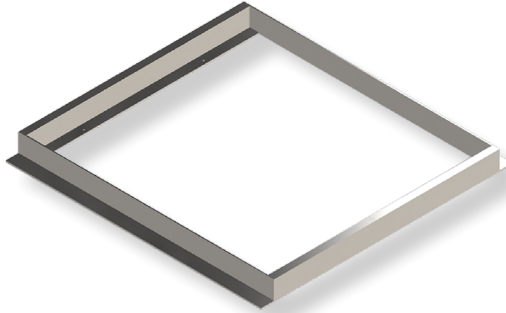
SEE PAGE 81

48X48 STANDARD FRAME

48X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0056

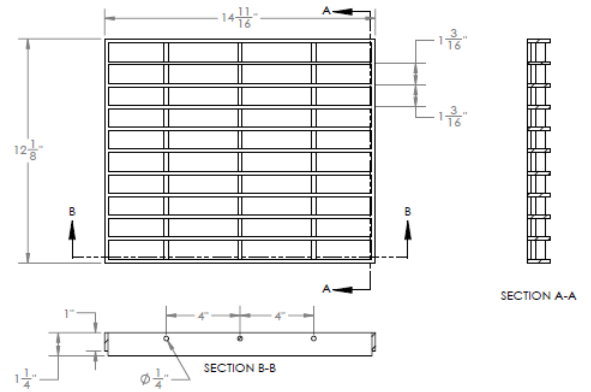
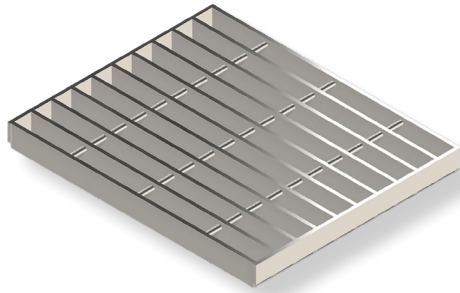
SEE PAGE 83

STANDARD GRATE

12X12 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0041

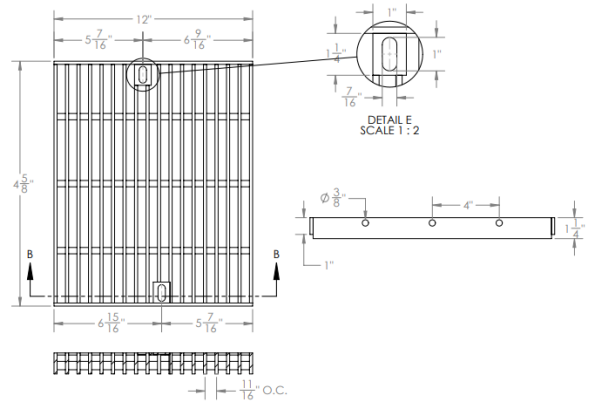
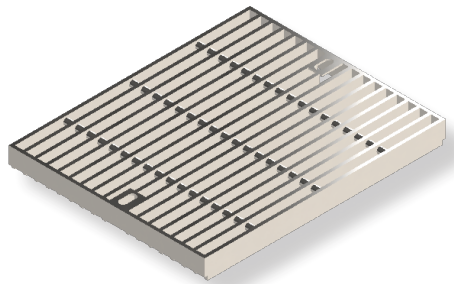
SEE PAGE 50

ADA GRATE

12X12 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



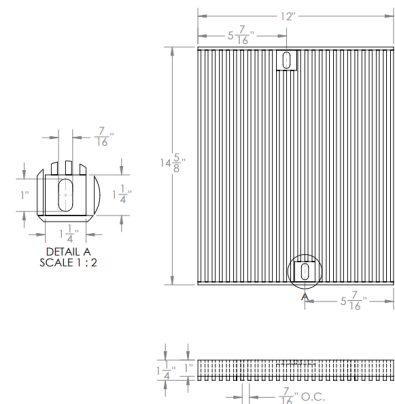
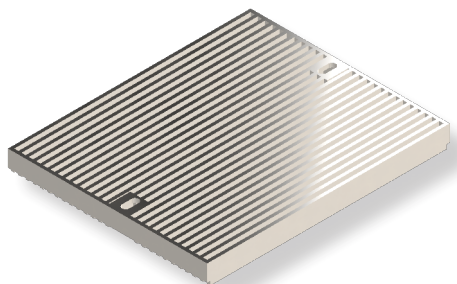
G-0042

HHP GRATE

12X12 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG

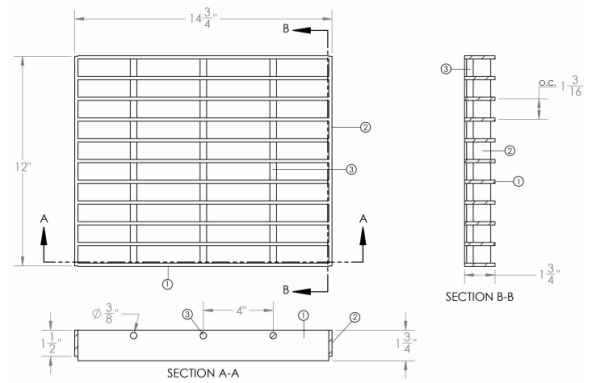
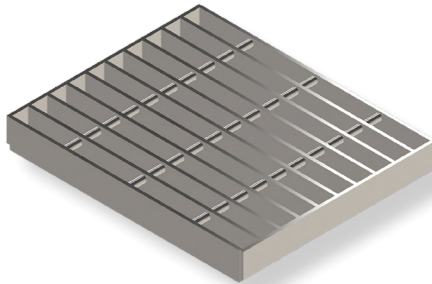


G-0043

STANDARD GRATE

12X12 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG



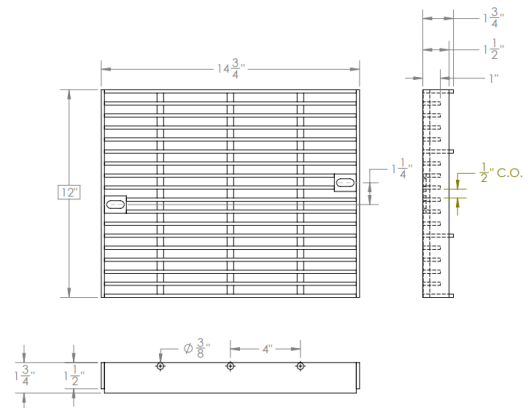
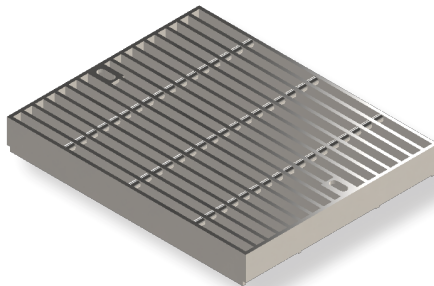
G-0044

SEE PAGE 56

ADA GRATE

12X12 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

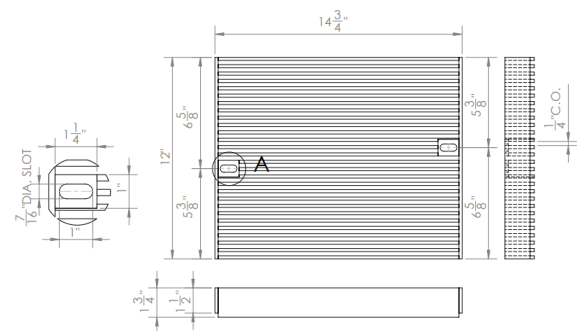
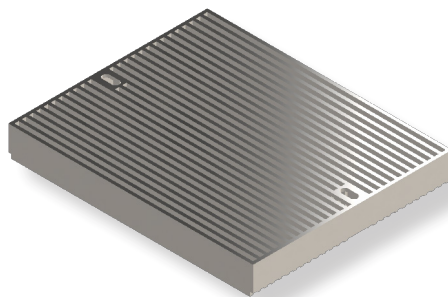


G-0045

HHP GRATE

12X12 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG



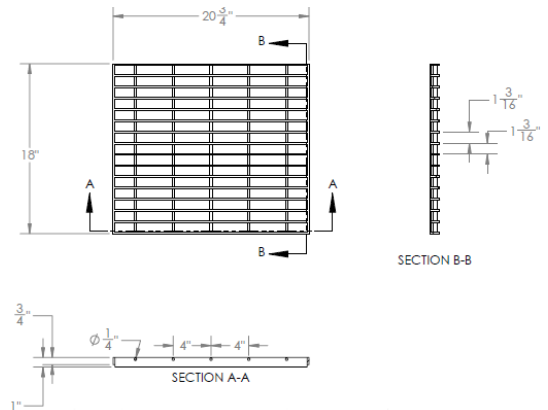
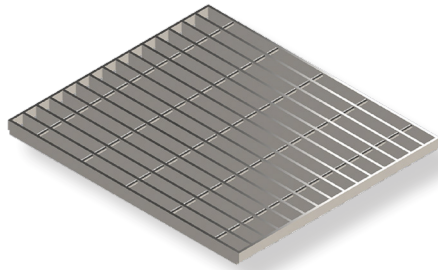
G-0046

STANDARD GRATE

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0047

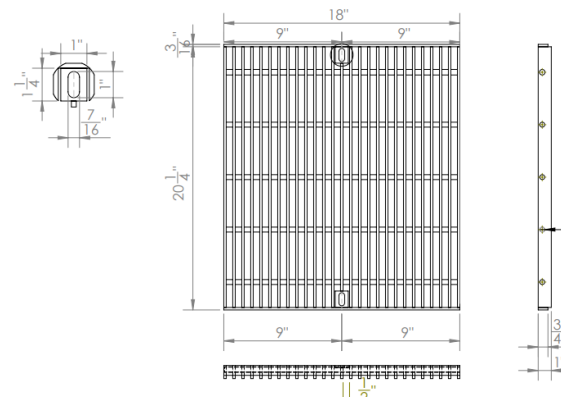
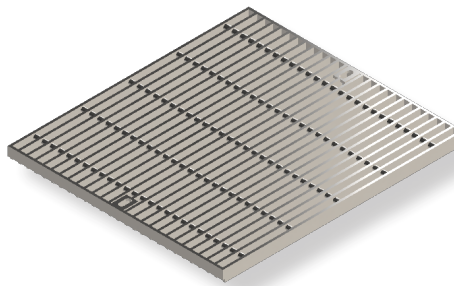
SEE PAGE 50

ADA GRATE

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



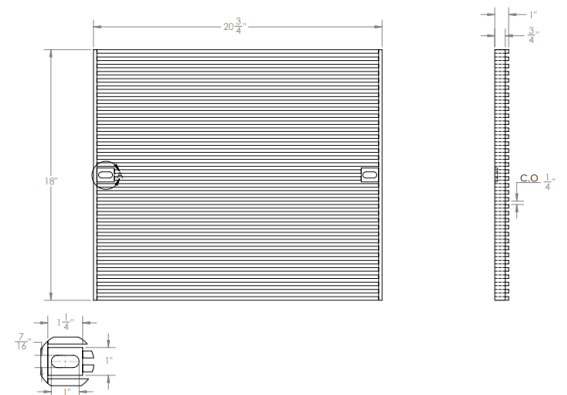
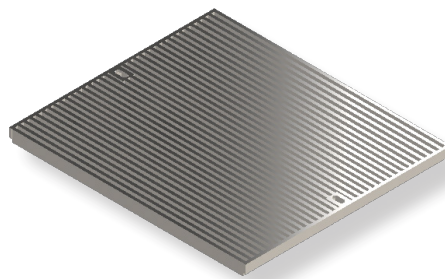
G-0048

HHP GRATE

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



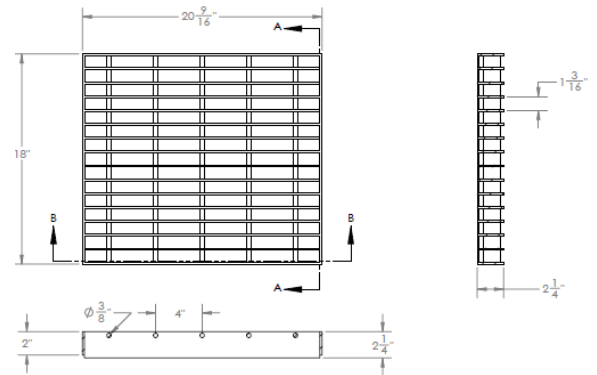
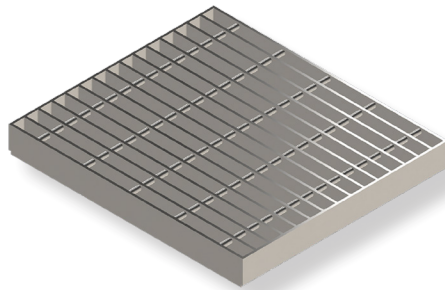
G-0049

STANDARD GRATE

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0050

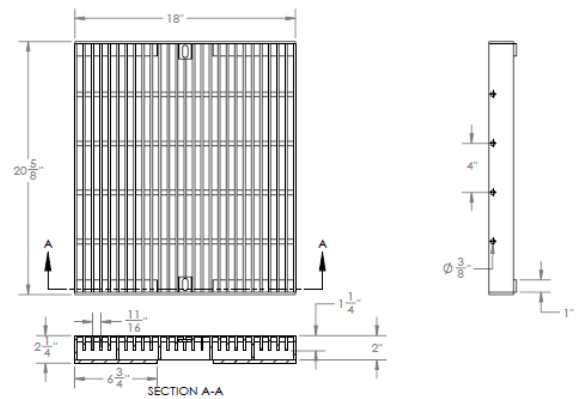
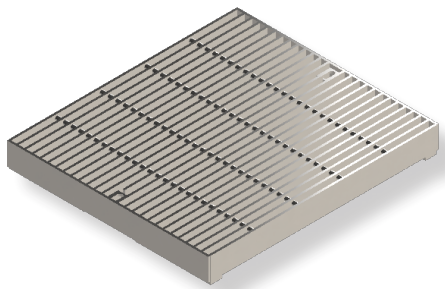
SEE PAGE 56

ADA GRATE

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



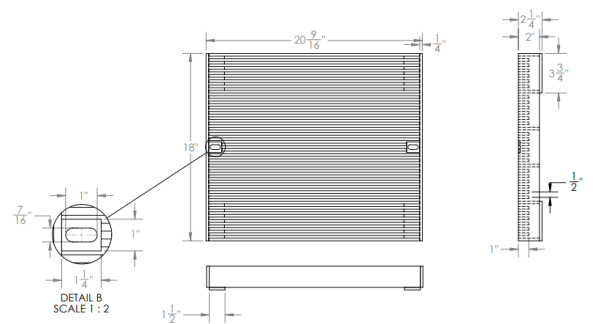
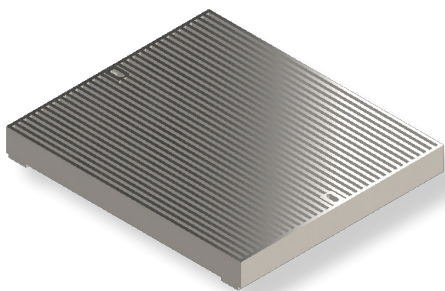
G-0051

HHP GRATE

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



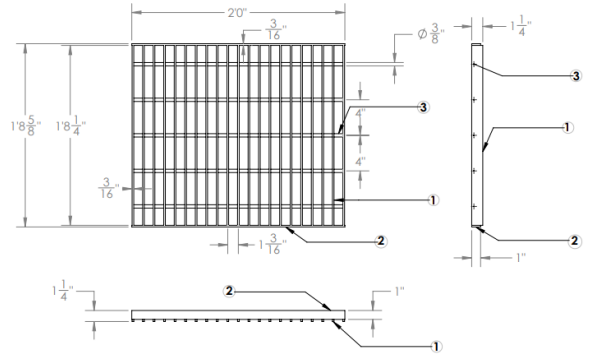
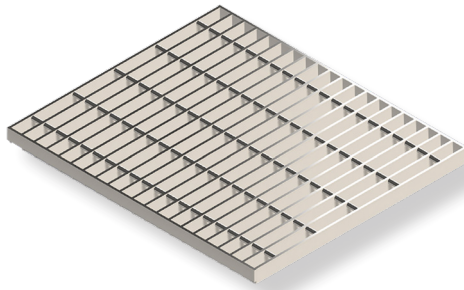
G-0052

STANDARD GRATE

18X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0053

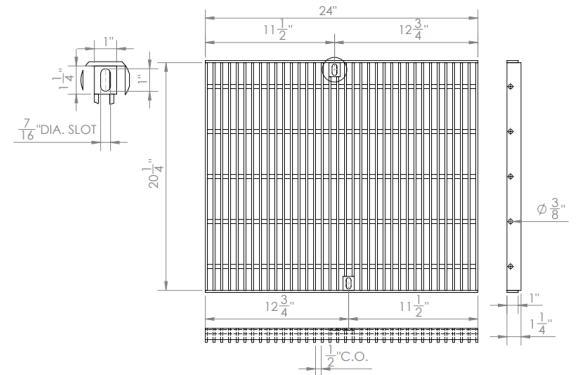
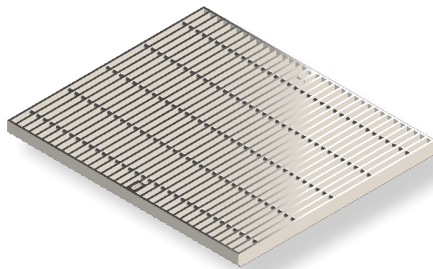
SEE PAGE 51

ADA GRATE

18X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



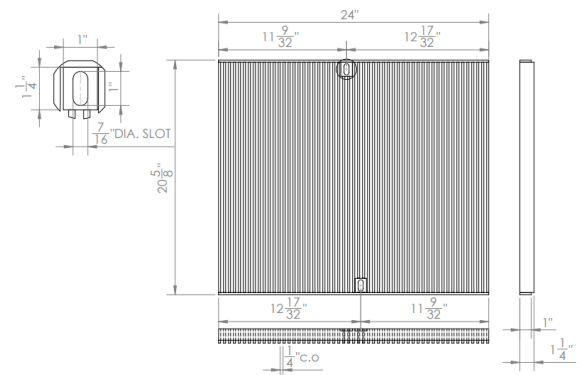
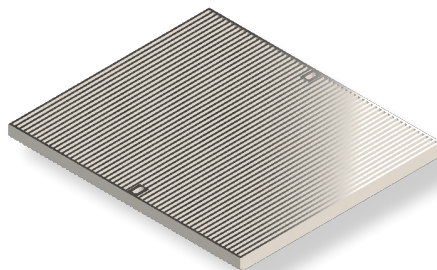
G-0054

HHP GRATE

18X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG

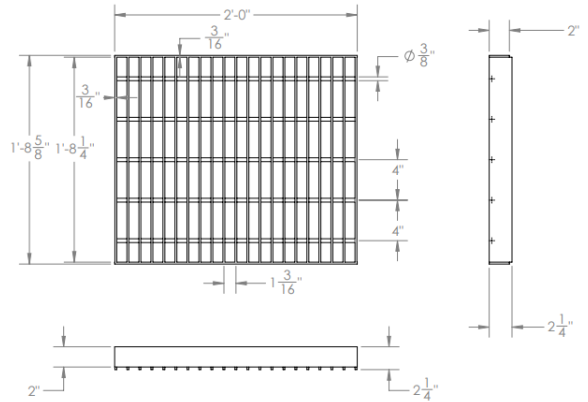
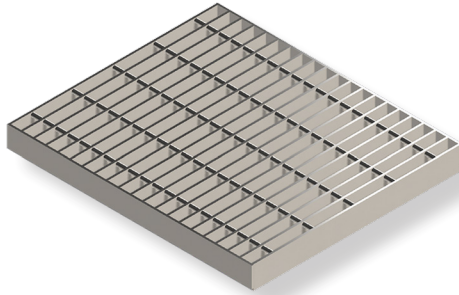


G-0055

STANDARD GRATE

18X24 Clear opening

- FINISHES:**
- Raw Mill
 - Black
 - HDG



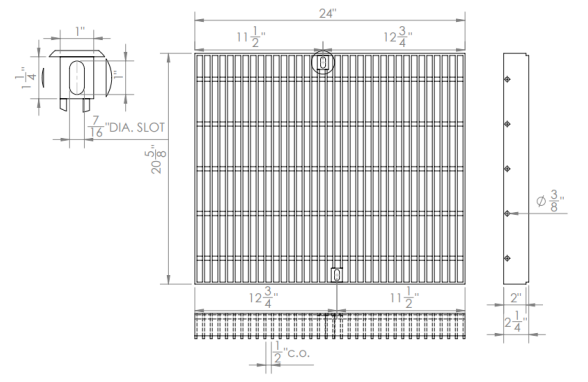
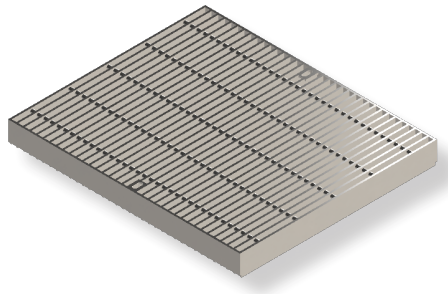
G-0056

SEE PAGE 57

ADA GRATE

18X24 Clear opening

- FINISHES:**
- Raw Mill
 - Black
 - HDG

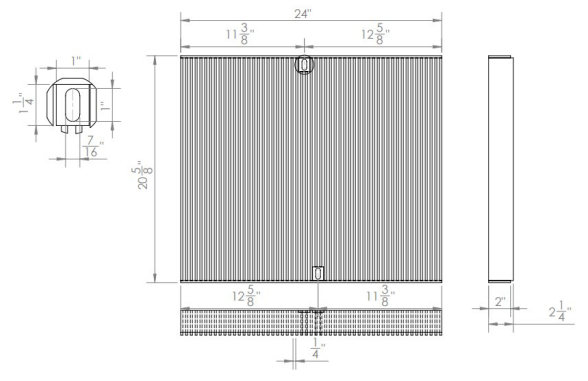
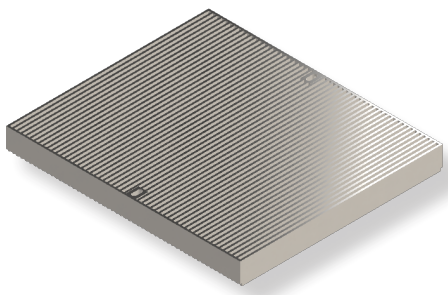


G-0057

HHP GRATE

18X24 Clear opening

- FINISHES:**
- Raw Mill
 - Black
 - HDG

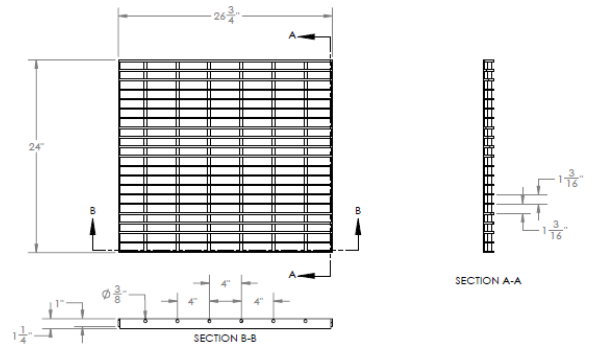
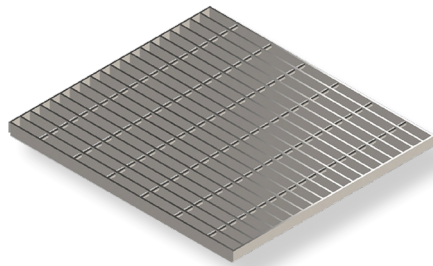


G-0058

STANDARD GRATE

24X24 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG



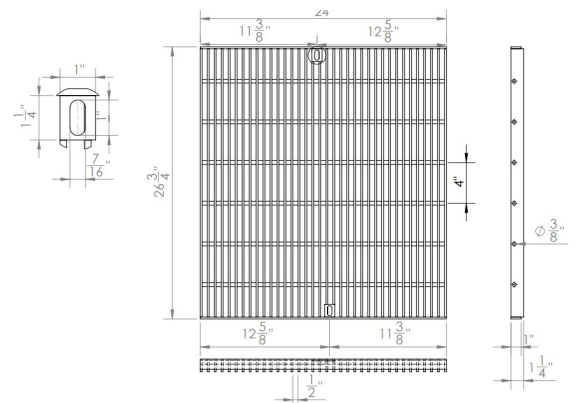
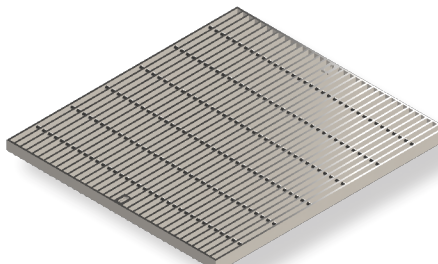
G-0059

SEE PAGE 51

ADA GRATE

24X24 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

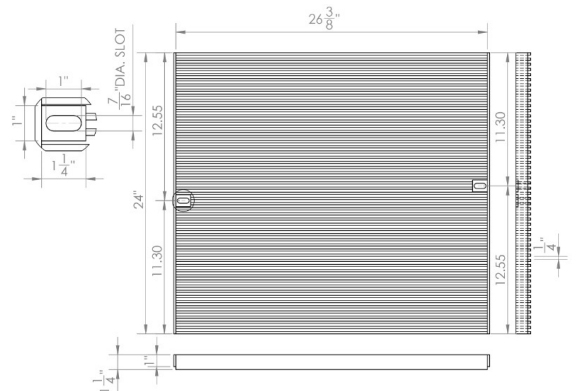
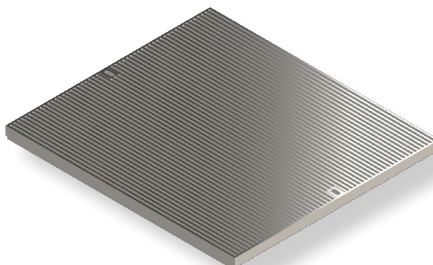


G-0060

HHP GRATE

24X24 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

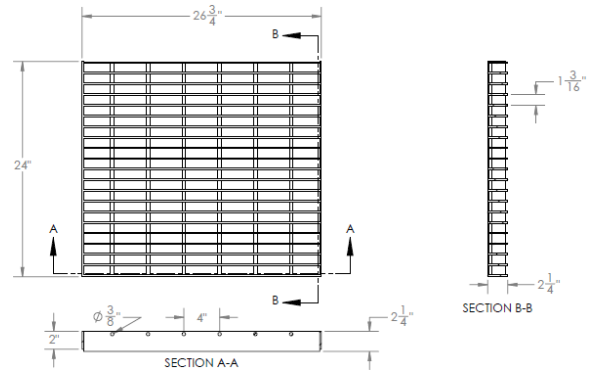
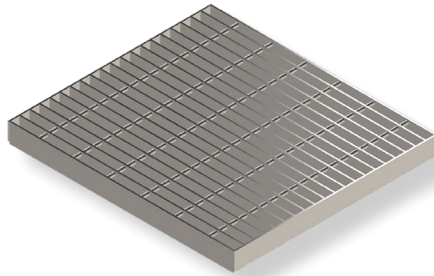


G-0061

STANDARD GRATE

24X24 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG



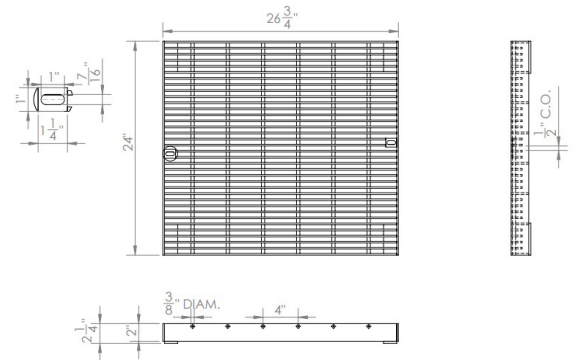
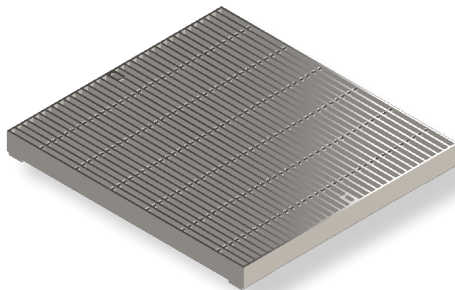
G-0062

SEE PAGE 57

ADA GRATE

24X24 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

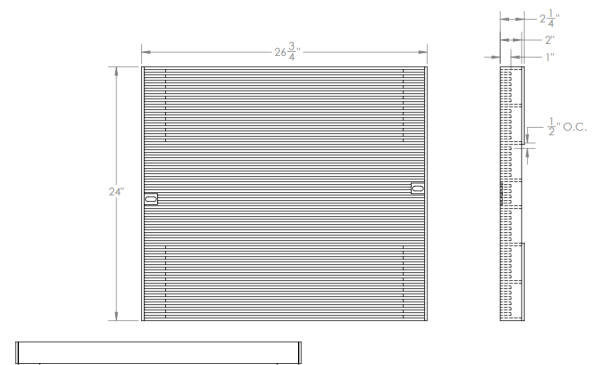
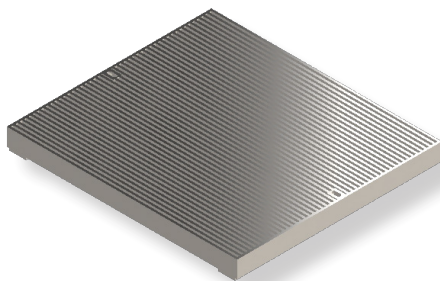


G-0063

HHP GRATE

24X24 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG



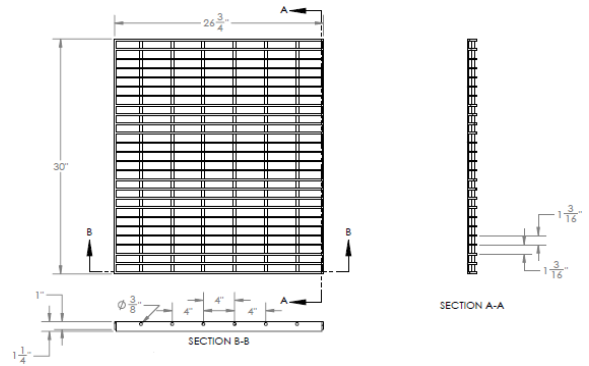
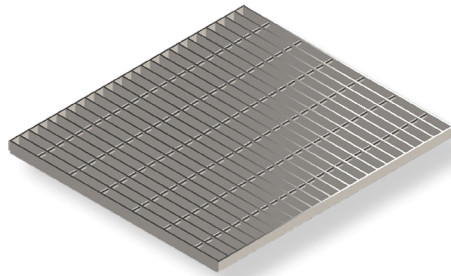
G-0064

STANDARD GRATE

24X30 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0065

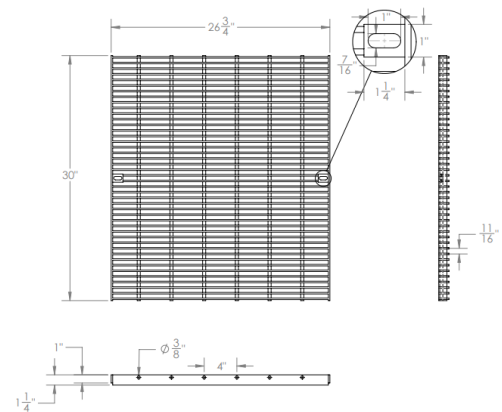
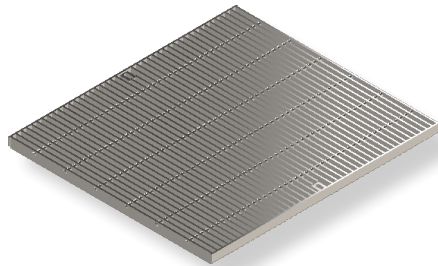
SEE PAGE 52

ADA GRATE

24X30 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



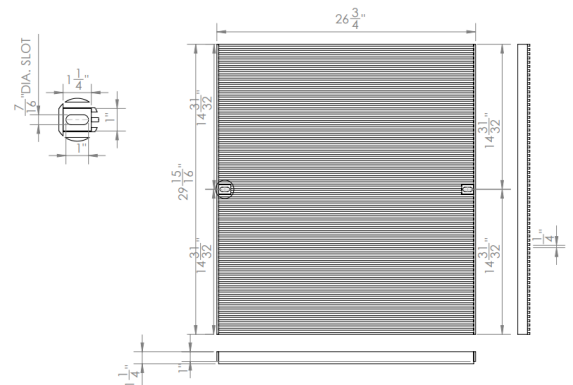
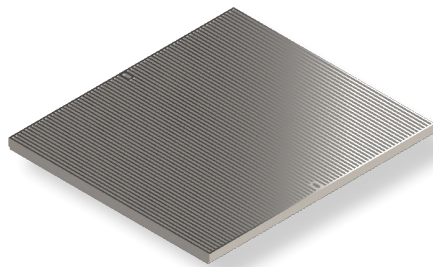
G-0066

HHP GRATE

24X30 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG

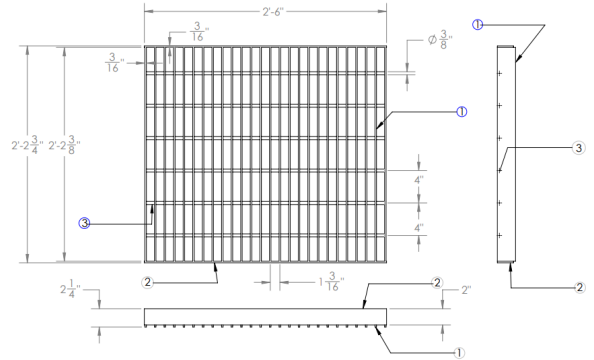
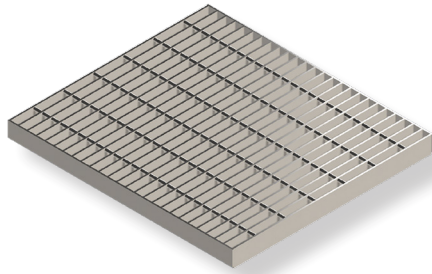


G-0067

STANDARD GRATE

24X30 Clear opening

- FINISHES:**
- Raw Mill
 - Black
 - HDG



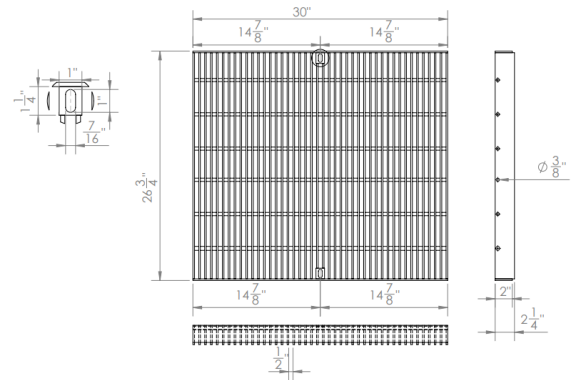
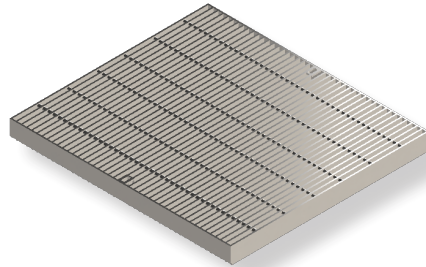
G-0068

SEE PAGE 58

ADA GRATE

24X30 Clear opening

- FINISHES:**
- Raw Mill
 - Black
 - HDG

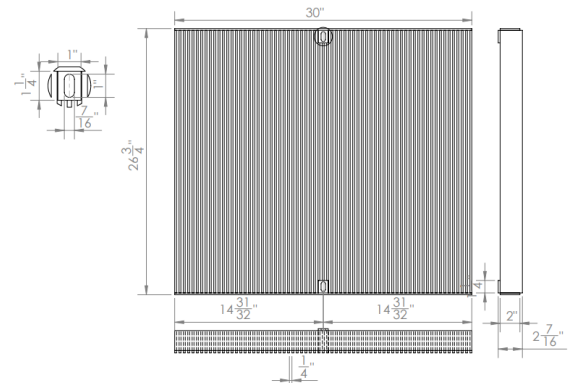
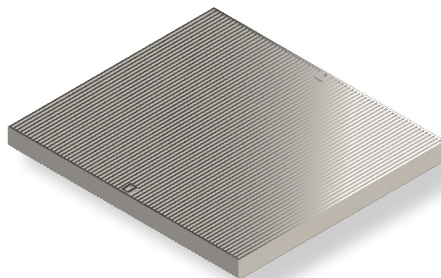


G-0069

HHP GRATE

24X30 Clear opening

- FINISHES:**
- Raw Mill
 - Black
 - HDG



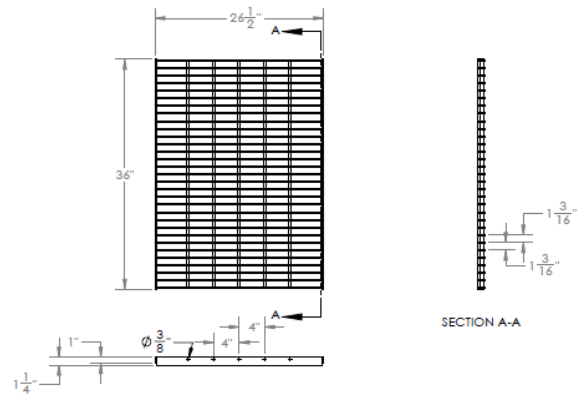
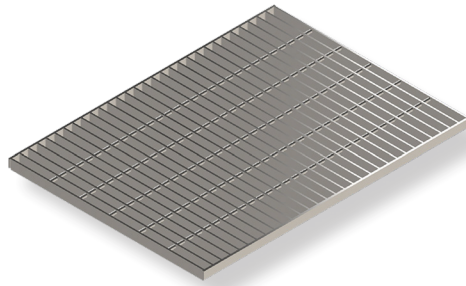
G-0070

STANDARD GRATE

24X36 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0071

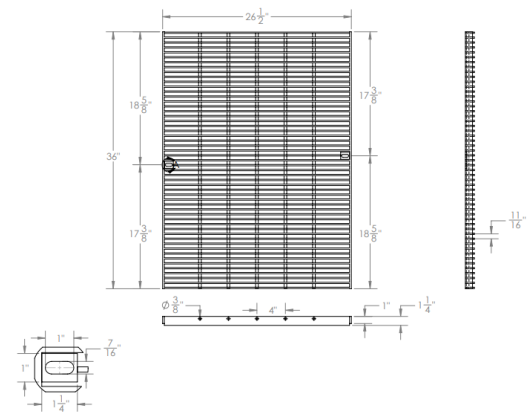
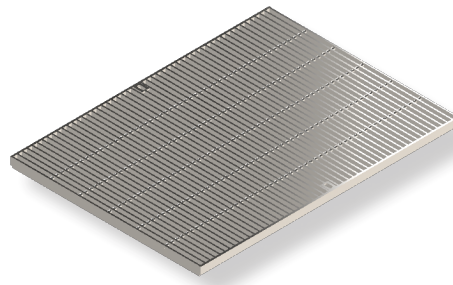
SEE PAGE 52

ADA GRATE

24X36 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



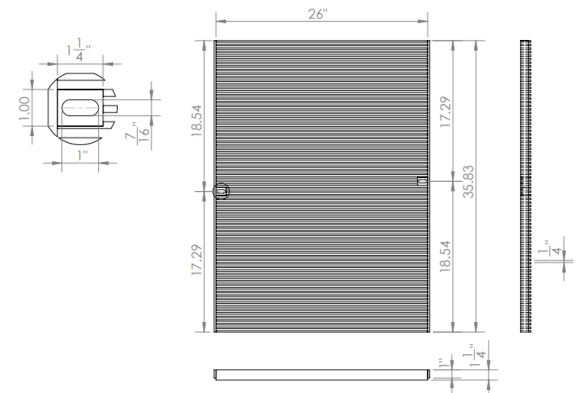
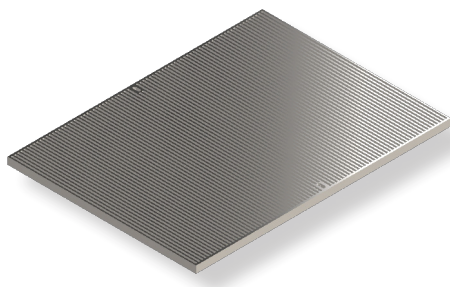
G-0072

HHP GRATE

24X36 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG

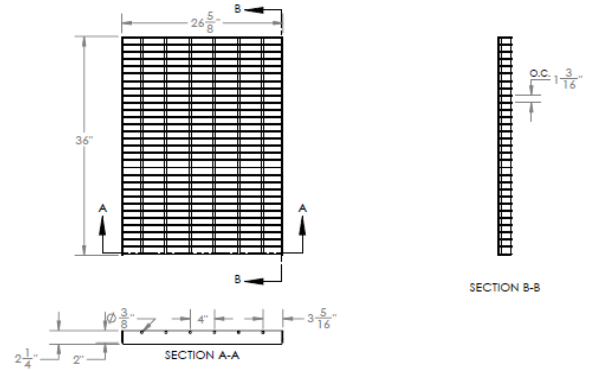
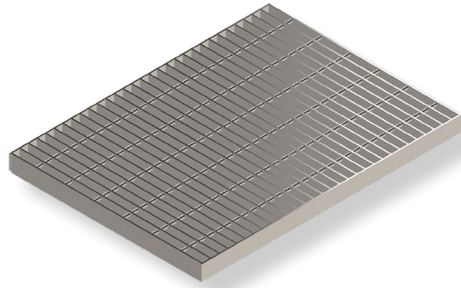


G-0073

STANDARD GRATE

24X36 Clear opening

- FINISHES:**
- Raw Mill
 - Black
 - HDG



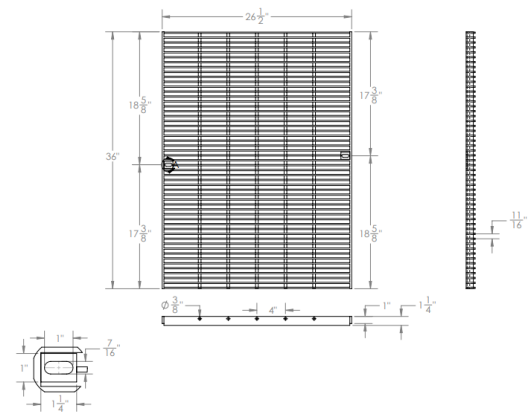
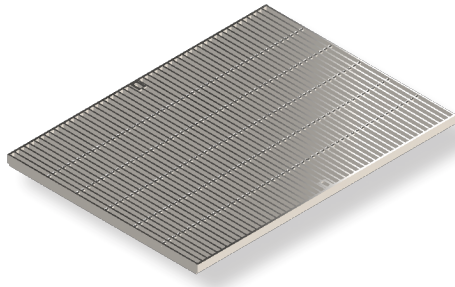
G-0074

SEE PAGE 58

ADA GRATE

24X36 Clear opening

- FINISHES:**
- Raw Mill
 - Black
 - HDG

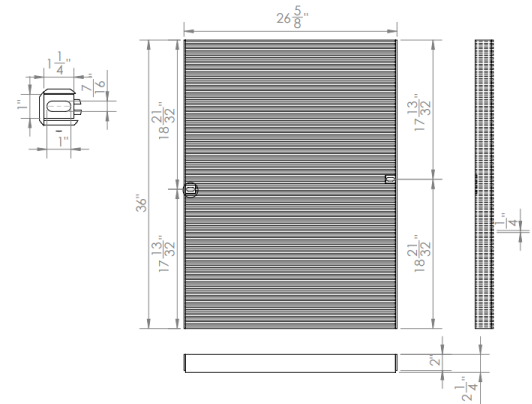
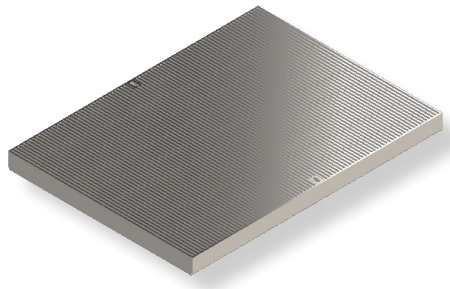


G-0075

HHP GRATE

24X36 Clear opening

- FINISHES:**
- Raw Mill
 - Black
 - HDG

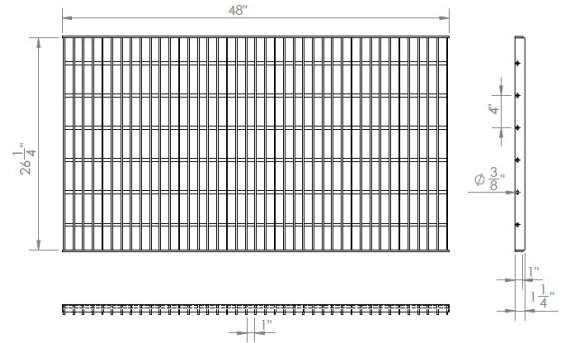
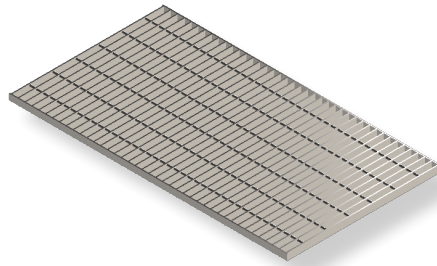


G-0076

STANDARD GRATE

24X48 Clear opening

- FINISHES:**
- Raw Mill
 - Black
 - HDG



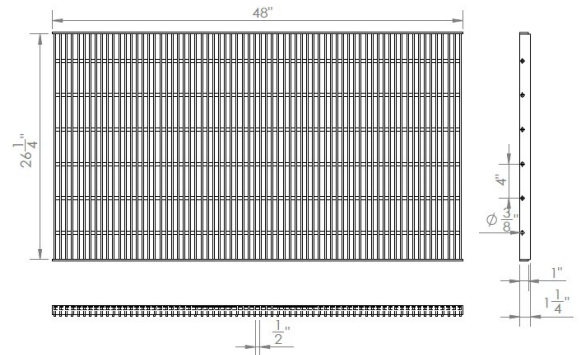
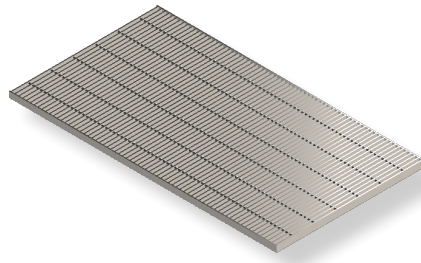
G-0077

SEE PAGE 53

ADA GRATE

24X48 Clear opening

- FINISHES:**
- Raw Mill
 - Black
 - HDG

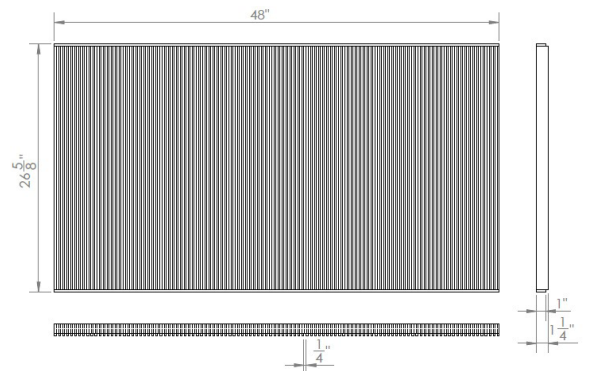
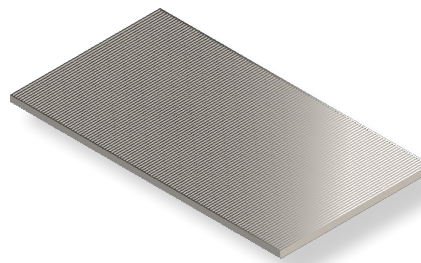


G-0078

HHP GRATE

24X48 Clear opening

- FINISHES:**
- Raw Mill
 - Black
 - HDG

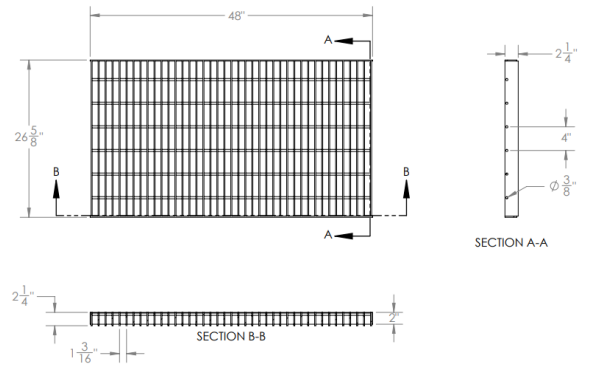
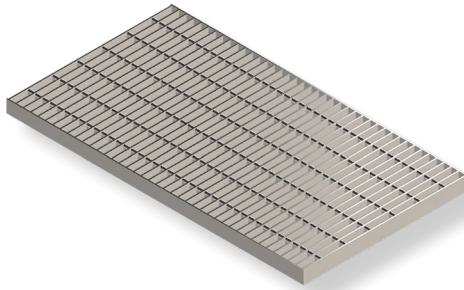


G-0079

STANDARD GRATE

24X48 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG



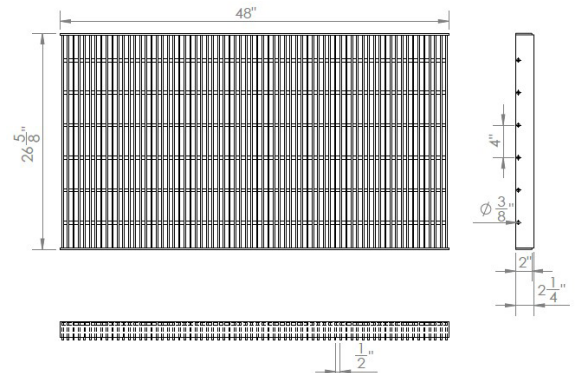
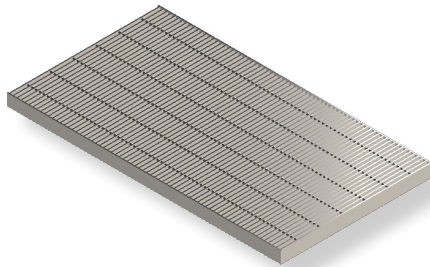
G-0080

SEE PAGE 59

ADA GRATE

24X48 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

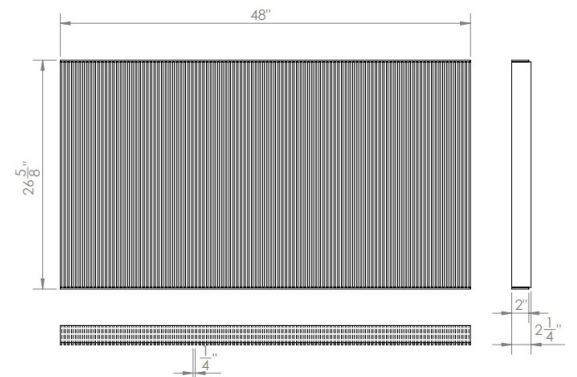
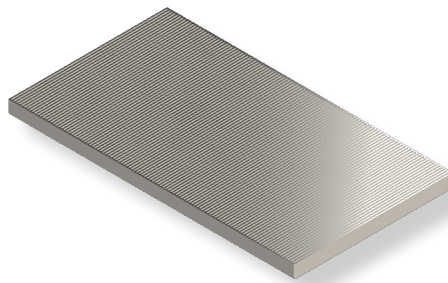


G-0081

HHP GRATE

24X48 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

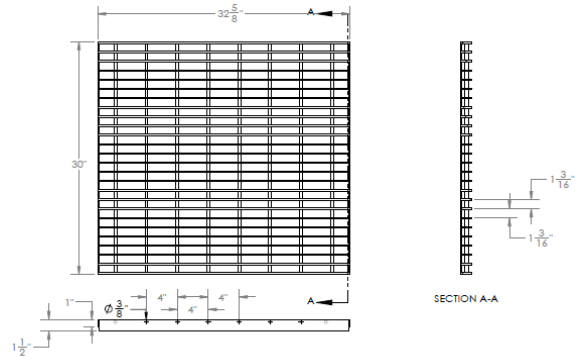
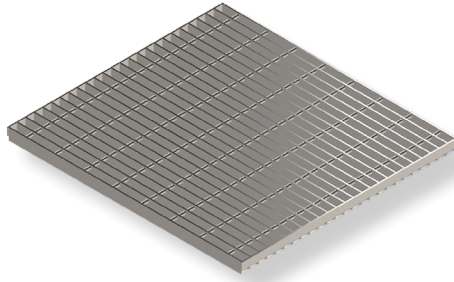


G-0082

STANDARD GRATE

30X30 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG



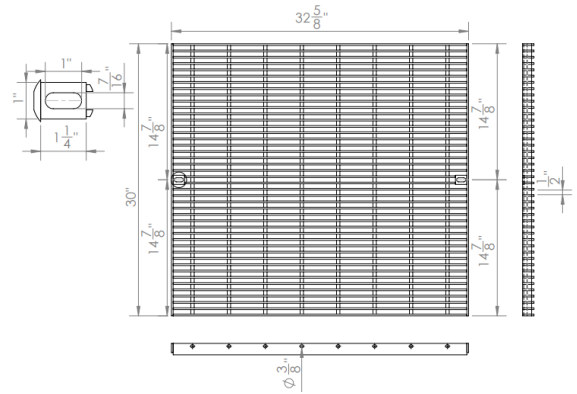
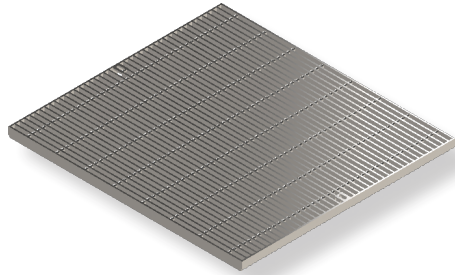
G-0083

SEE PAGE 53

ADA GRATE

30X30 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

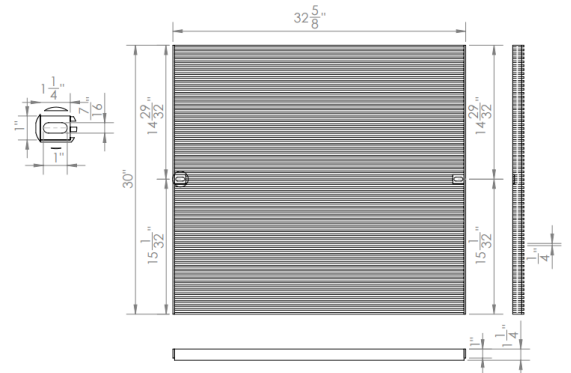
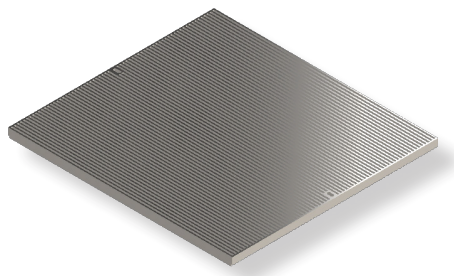


G-0084

HHP GRATE

30X30 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

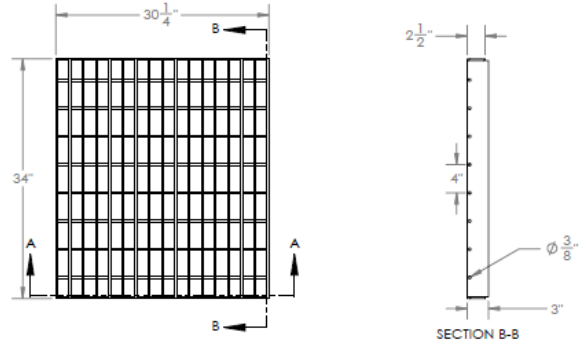
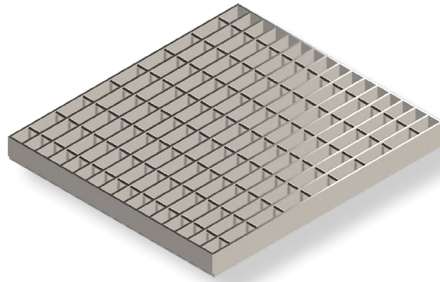


G-0085

STANDARD GRATE

30X30 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG



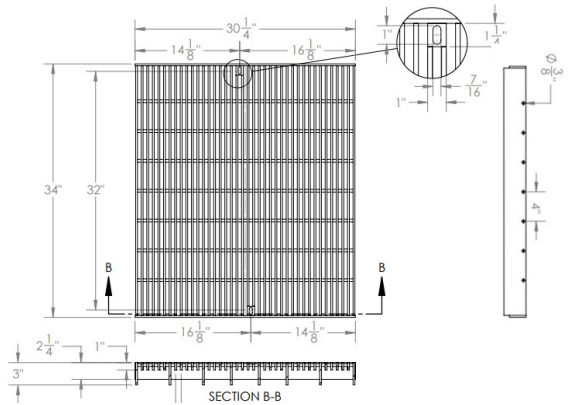
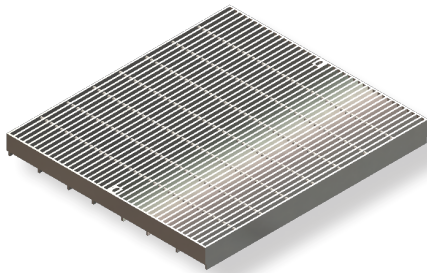
G-0086

SEE PAGE 59

ADA GRATE

30X30 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

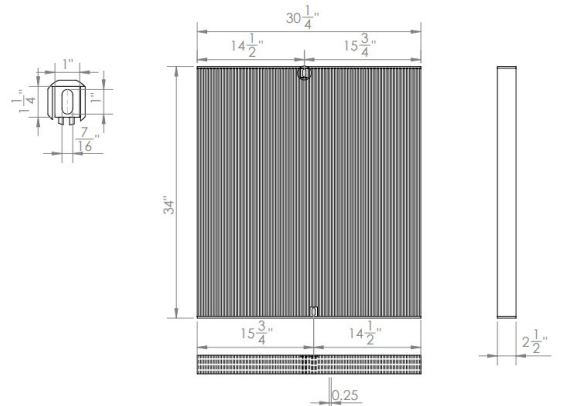
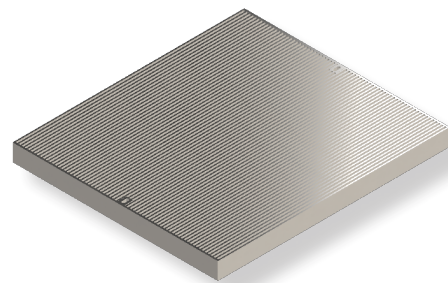


G-0087

HHP GRATE

30X30 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

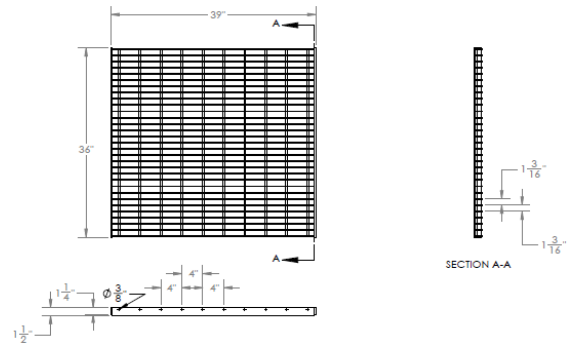
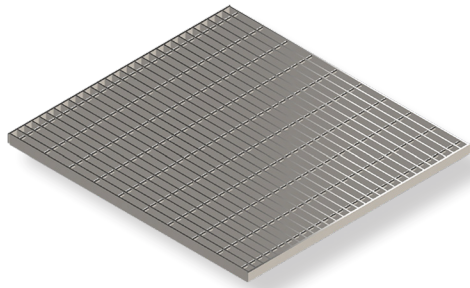


G-0088

STANDARD GRATE

36X36 Clear opening

- FINISHES:**
- Raw Mill
 - Black
 - HDG



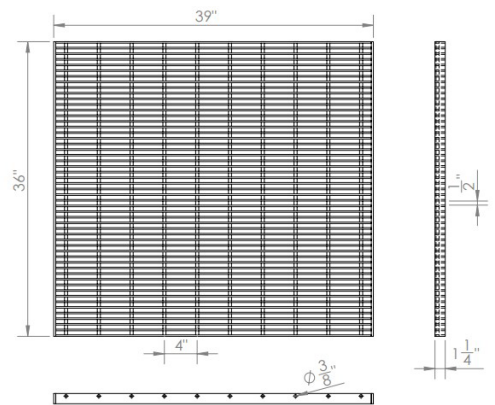
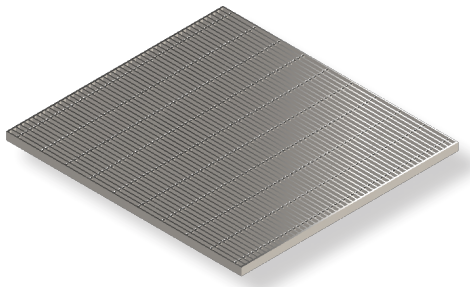
G-0089

SEE PAGE 54

ADA GRATE

36X36 Clear opening

- FINISHES:**
- Raw Mill
 - Black
 - HDG

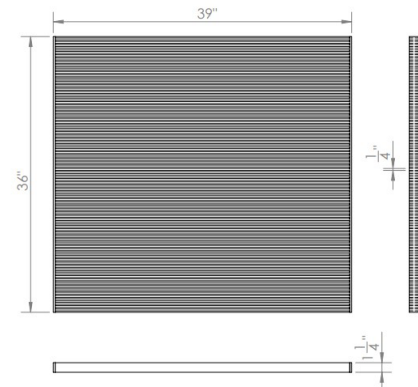
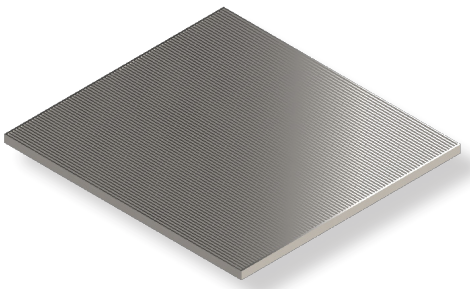


G-0090

HHP GRATE

36X36 Clear opening

- FINISHES:**
- Raw Mill
 - Black
 - HDG

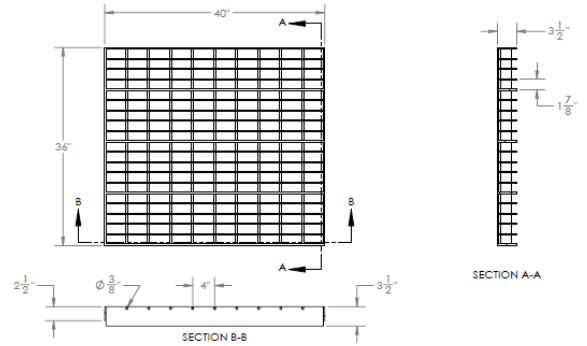
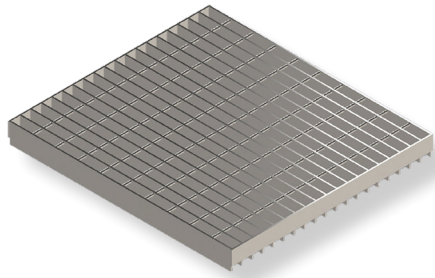


G-0091

STANDARD GRATE

36X36 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG



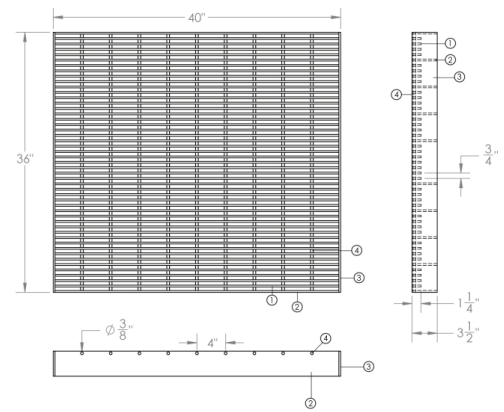
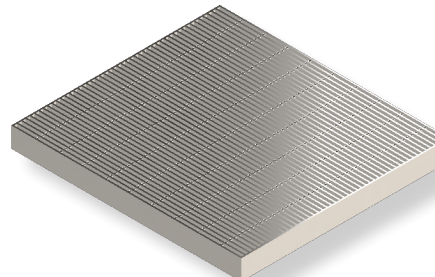
G-0092

SEE PAGE 60

ADA GRATE

36X36 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

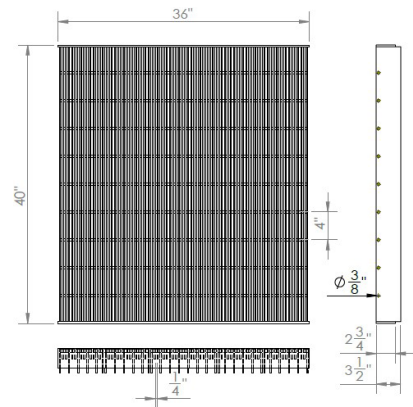
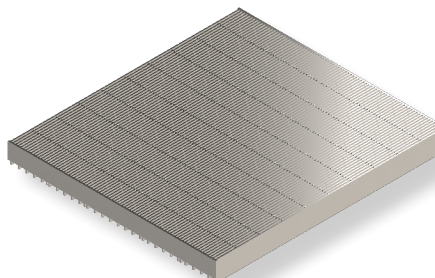


G-0093

HHP GRATE

36X36 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG



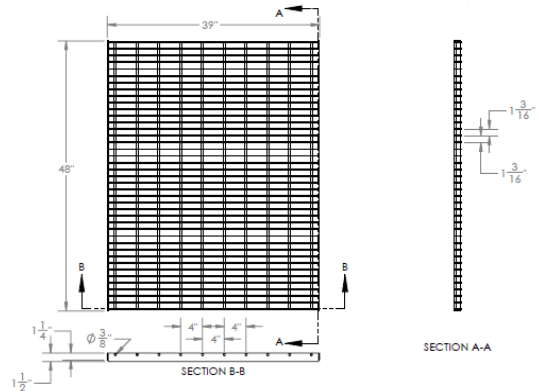
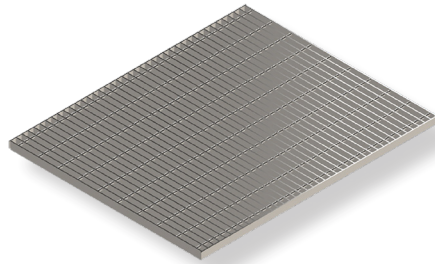
G-0094

STANDARD GRATE

36X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0095

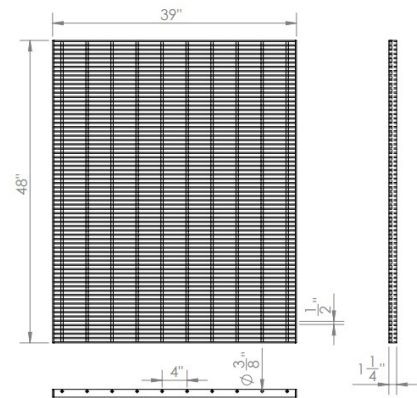
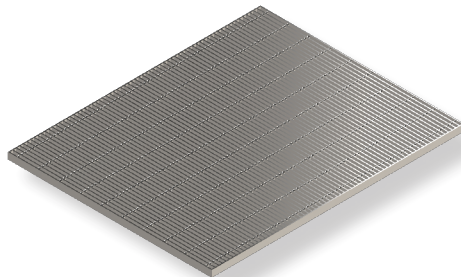
SEE PAGE 54

ADA GRATE

36X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



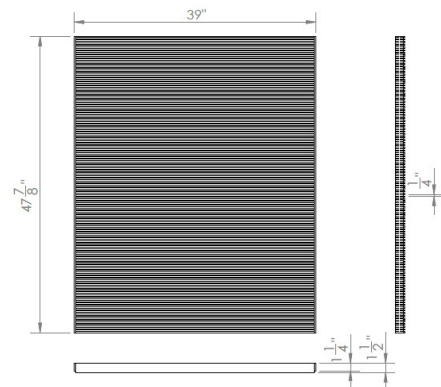
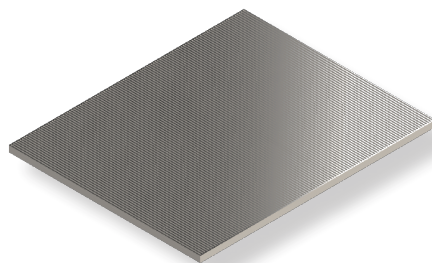
G-0096

HHP GRATE

36X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



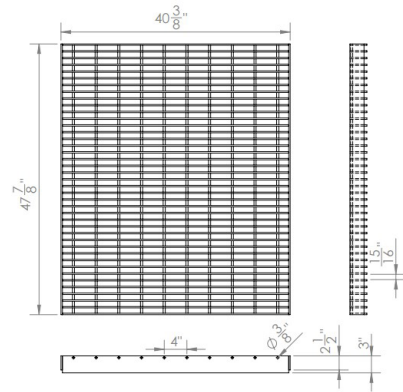
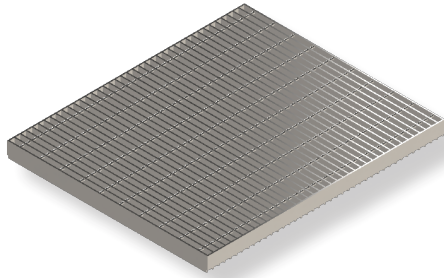
G-0097

STANDARD GRATE

36X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0098

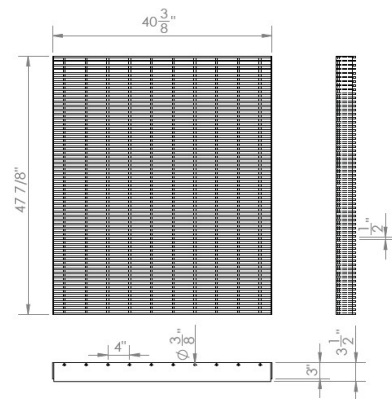
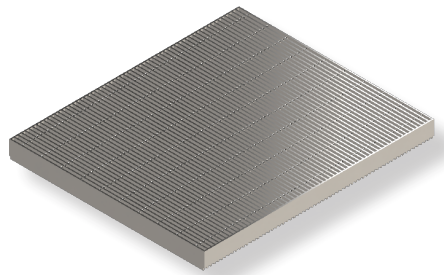
SEE PAGE 60

ADA GRATE

36X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



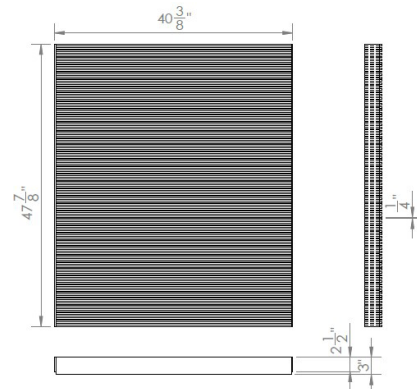
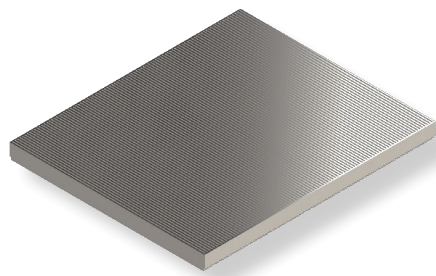
G-0099

HHP GRATE

36X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



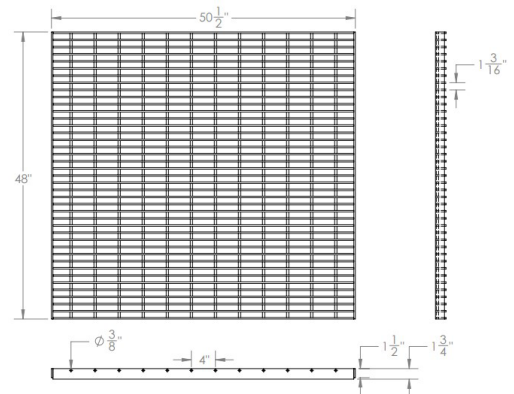
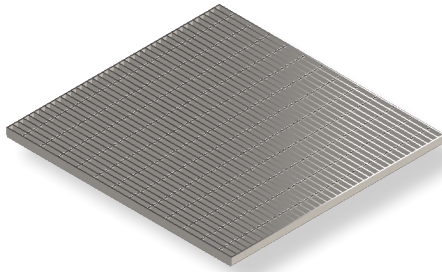
G-0100

STANDARD GRATE

48X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0101

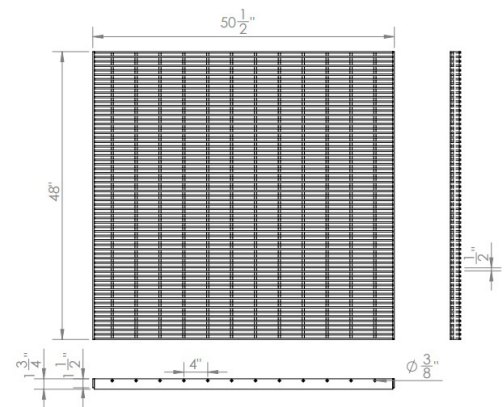
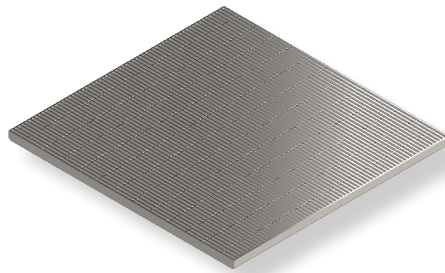
SEE PAGE 55

ADA GRATE

48X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



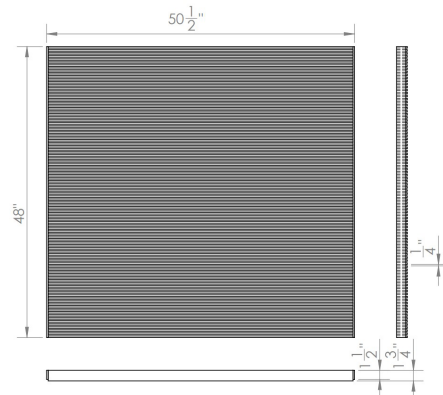
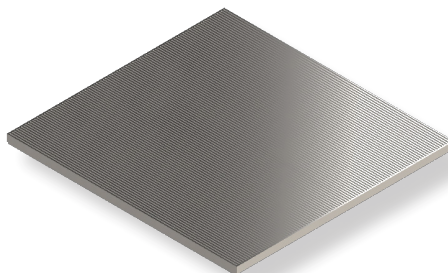
G-0102

HHP GRATE

48X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



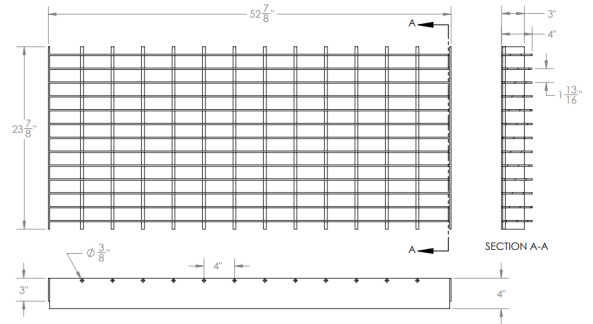
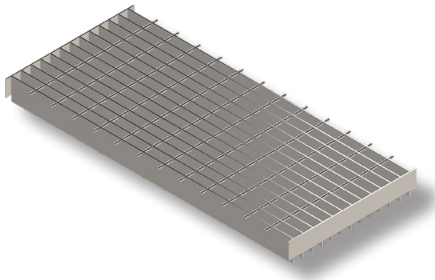
G-0103

STANDARD GRATE

48X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0104

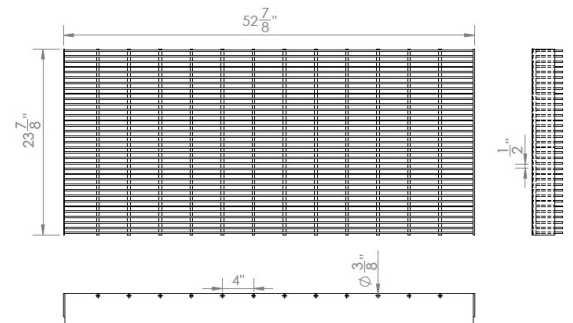
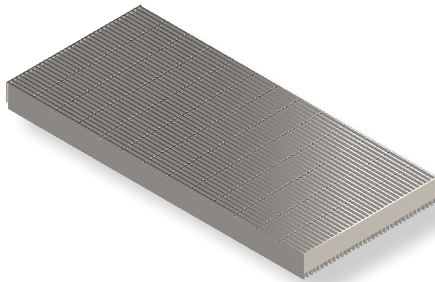
SEE PAGE 61

ADA GRATE

48X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



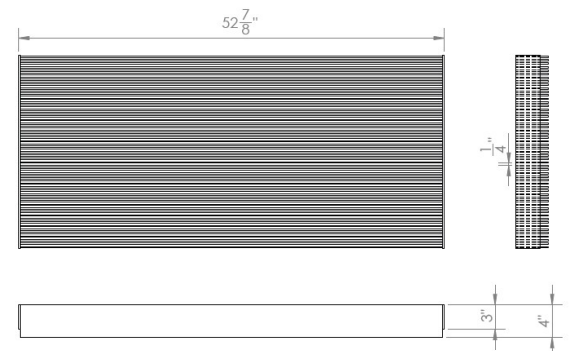
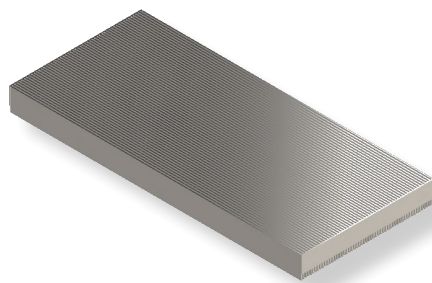
G-0105

HHP GRATE

48X48 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0106

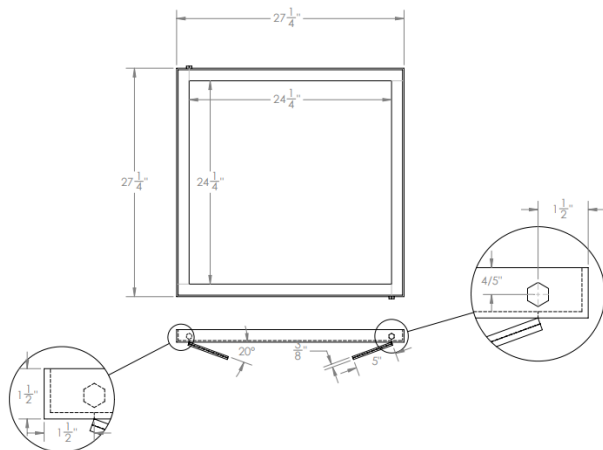
* THE FOLLOWING OC ENCLOSURE FRAMES FIT CORRESPONDING SIZE FOR OC ENCLOSURE GRATES (FOR BOTH PARKWAY AND TRAFFIC GRATES)

U-21 FRAME

21 1/4" X 21 1/4"
Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0057

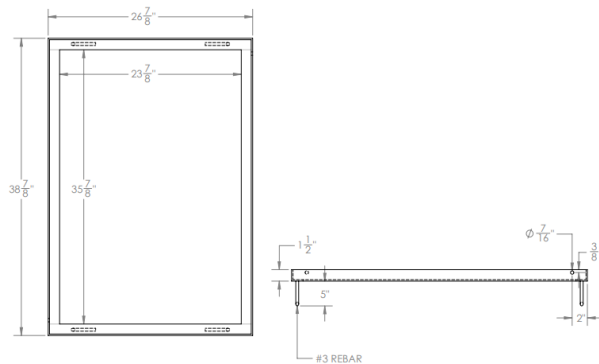
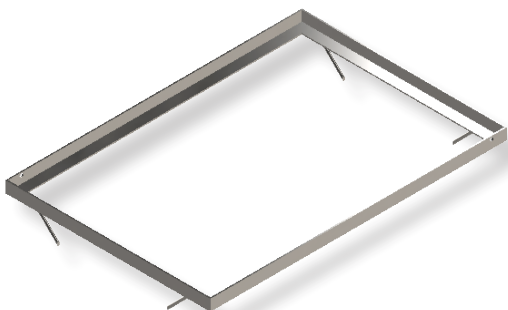
SEE PAGE 87/92

U-32 FRAME

23 7/8" X 35 7/8"
Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0058

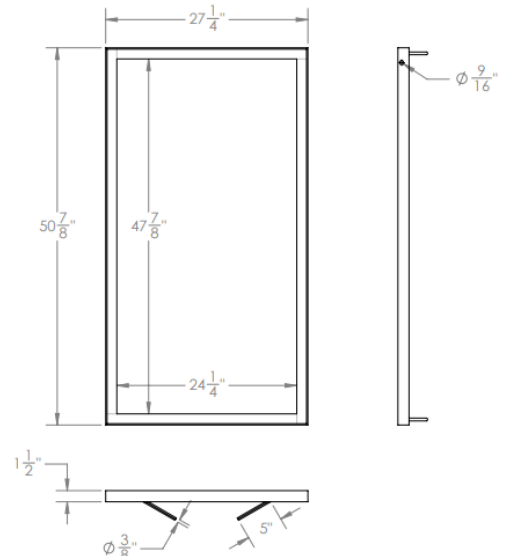
SEE PAGE 88/93

U-36 FRAME

24 1/4" X 47 7/8"
Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0059

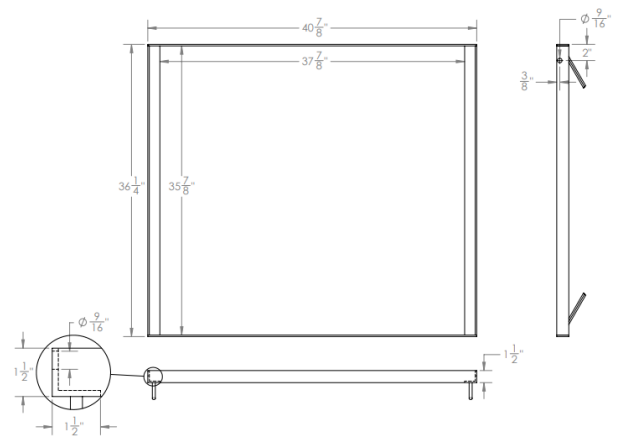
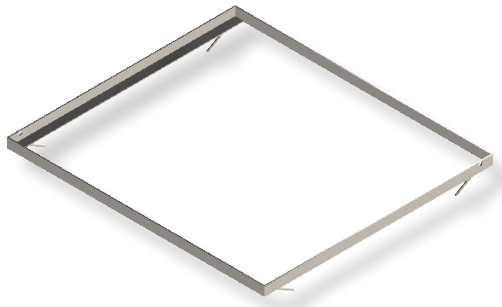
SEE PAGE 89/94

U-43 FRAME

37 7/8" X 35 7/8"
Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0060

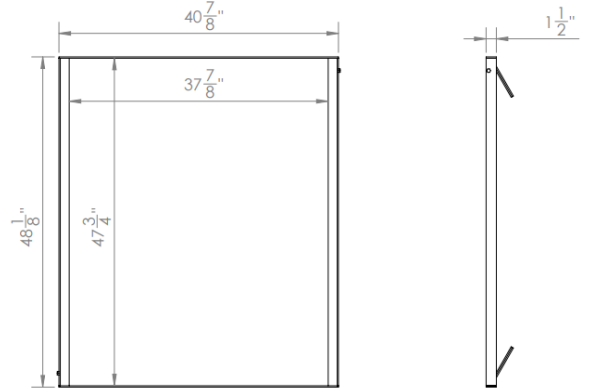
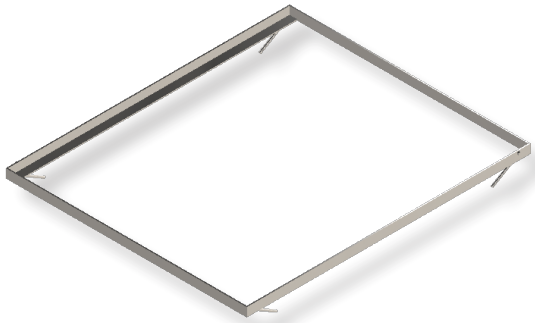
SEE PAGE 90/95

U-52 FRAME

37 7/8" X 47 3/4" Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0061

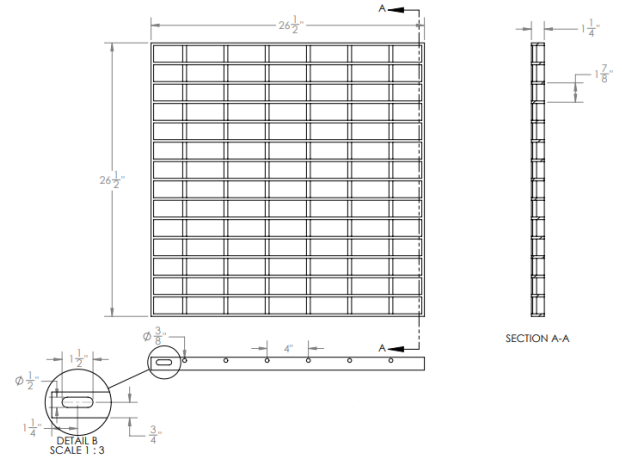
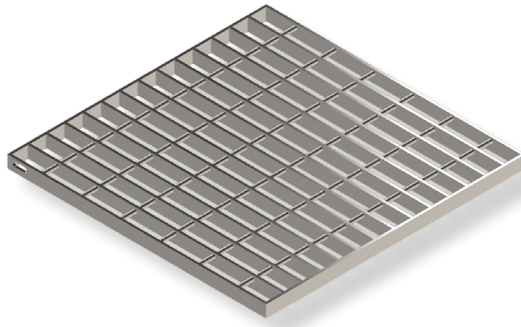
SEE PAGE 91/96

*** THE FOLLOWING OC ENCLOSURE GRATES (PARKWAY AND TRAFFIC) FIT CORRESPONDING SIZE FOR OC ENCLOSURE FRAMES**

U-21 STANDARD GRATES

FINISHES:

- Raw Mill
- Black
- HDG



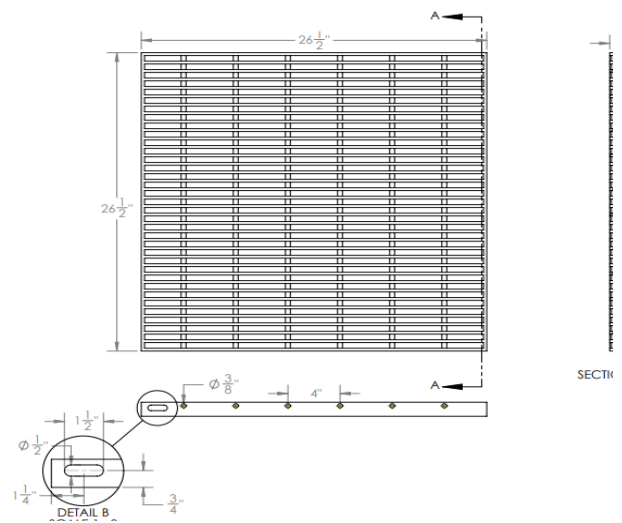
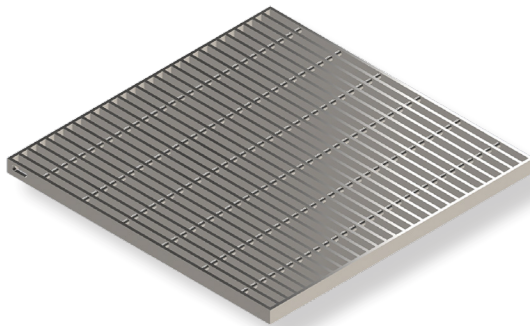
G-0107

SEE PAGE 84

U-21 ADA GRATES

FINISHES:

- Raw Mill
- Black
- HDG

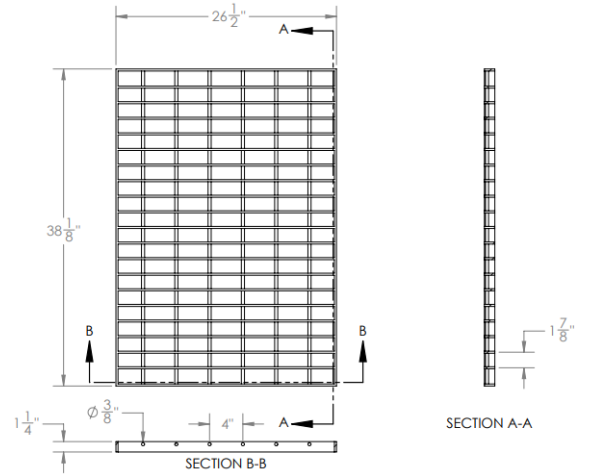
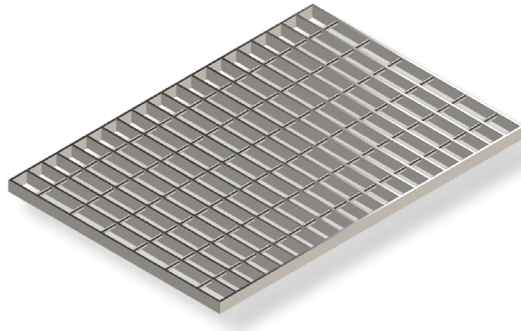


G-0108

U-32 STANDARD GRATES

FINISHES:

- Raw Mill
- Black
- HDG



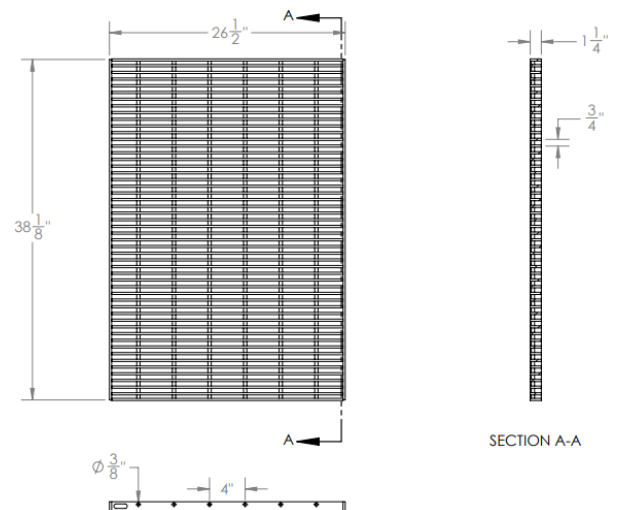
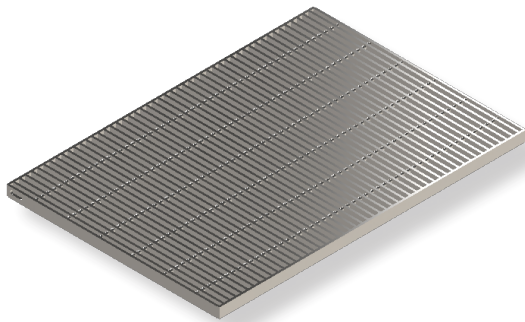
G-0109

SEE PAGE 84

U-32 ADA GRATES

FINISHES:

- Raw Mill
- Black
- HDG

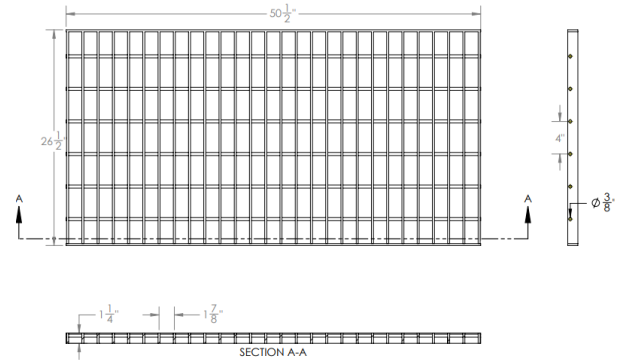
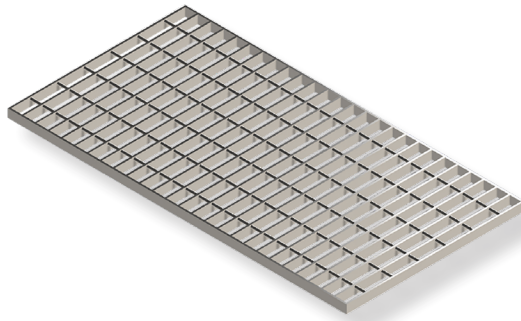


G-0110

U-36 STANDARD GRATES

FINISHES:

- Raw Mill
- Black
- HDG



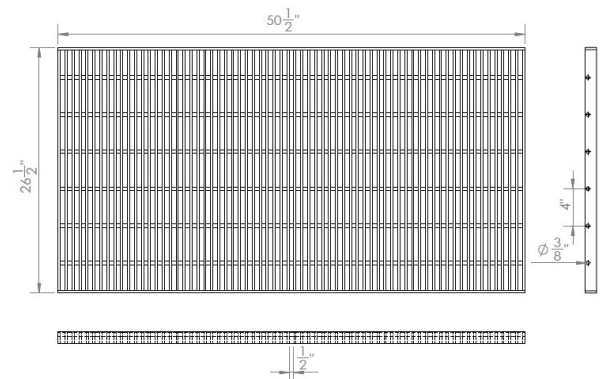
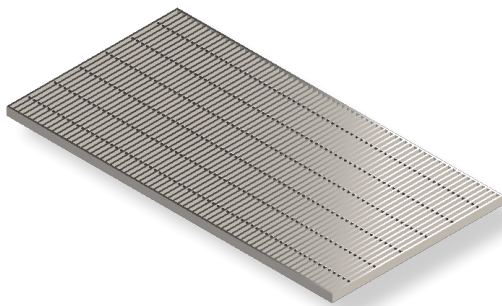
G-0111

SEE PAGE 85

U-36 ADA GRATES

FINISHES:

- Raw Mill
- Black
- HDG

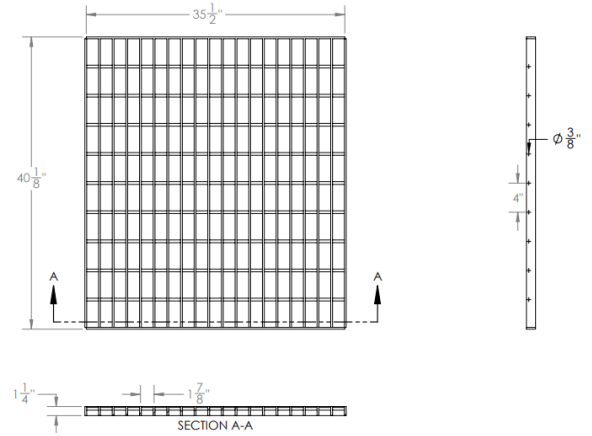
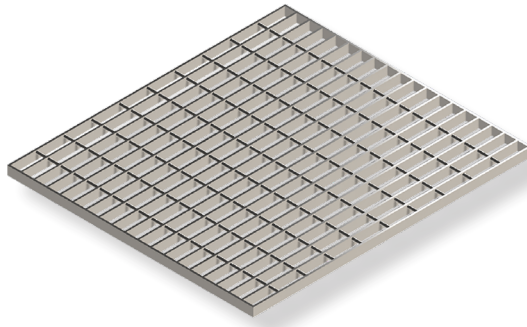


G-0112

U-43 STANDARD GRATES

FINISHES:

- Raw Mill
- Black
- HDG



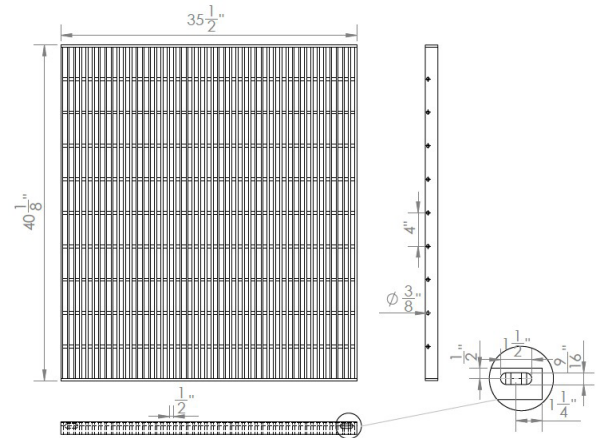
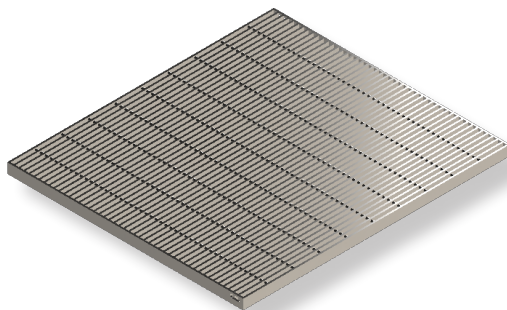
G-0113

SEE PAGE 85

U-43 ADA GRATES

FINISHES:

- Raw Mill
- Black
- HDG

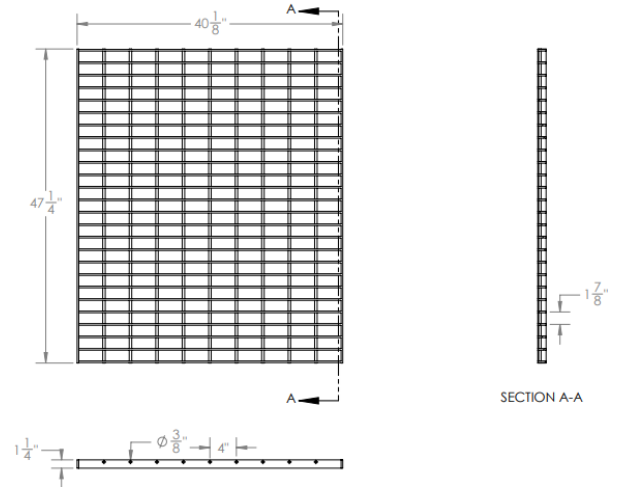
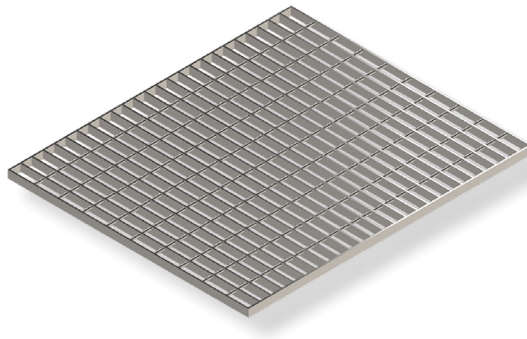


G-0114

U-52 STANDARD GRATES

FINISHES:

- Raw Mill
- Black
- HDG



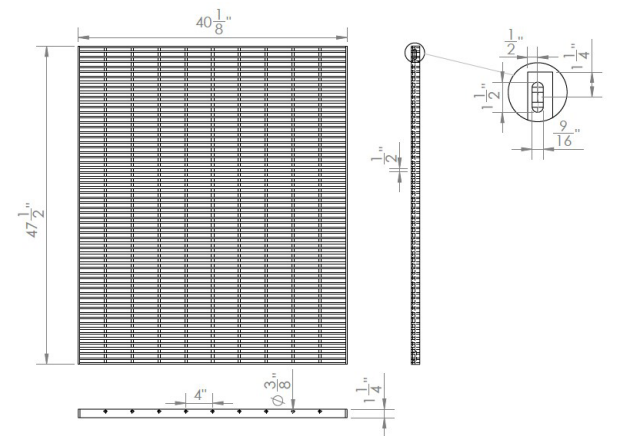
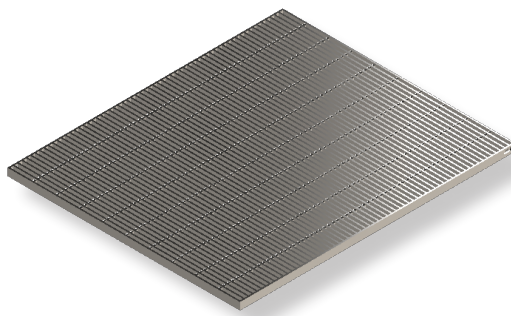
G-0115

SEE PAGE 86

U-52 ADA GRATES

FINISHES:

- Raw Mill
- Black
- HDG

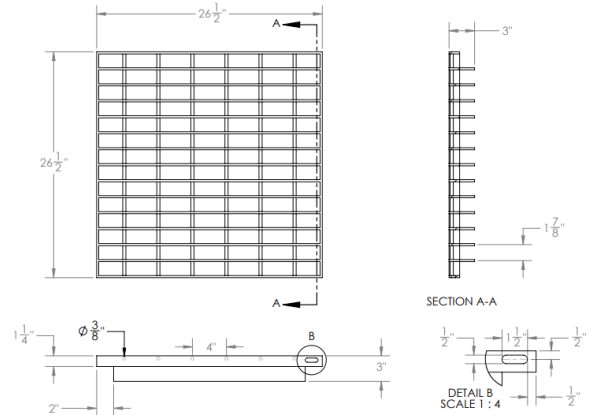
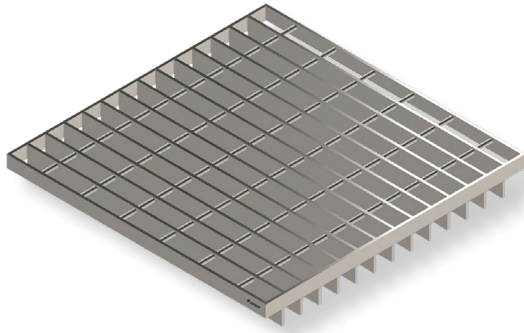


G-0116

U-21 STANDARD GRATES

FINISHES:

- Raw Mill
- Black
- HDG



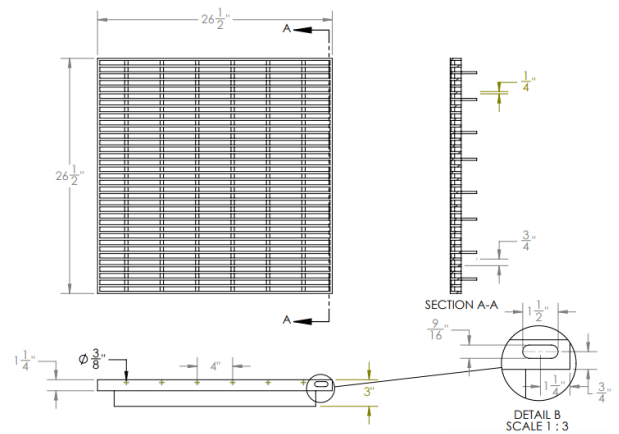
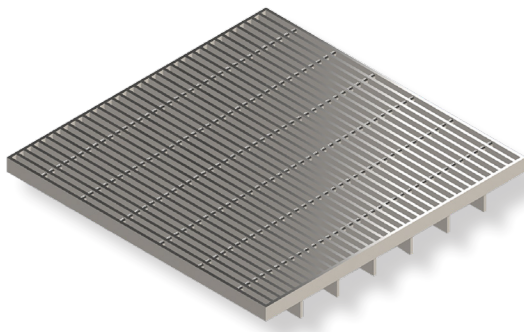
G-0117

SEE PAGE 84

U-21 ADA GRATES

FINISHES:

- Raw Mill
- Black
- HDG

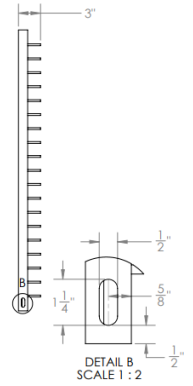
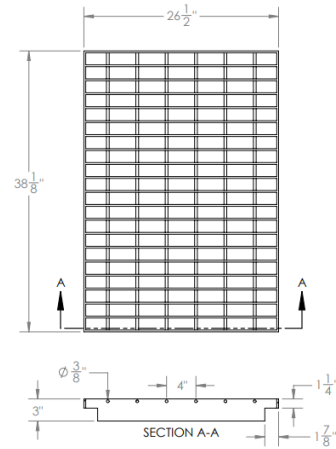
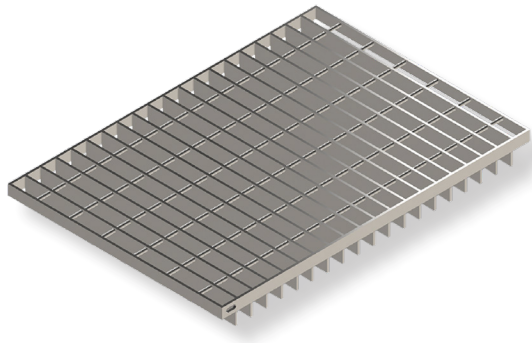


G-0118

U-32 STANDARD GRATES

FINISHES:

- Raw Mill
- Black
- HDG



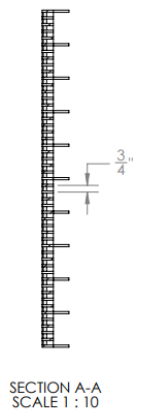
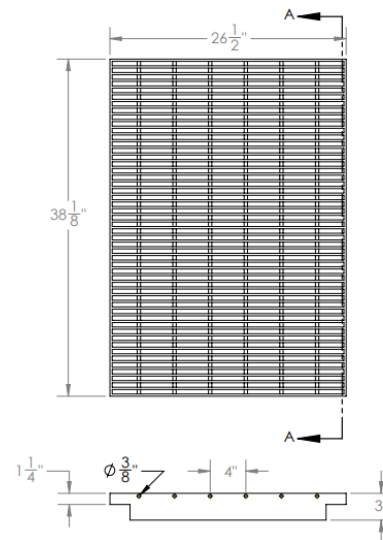
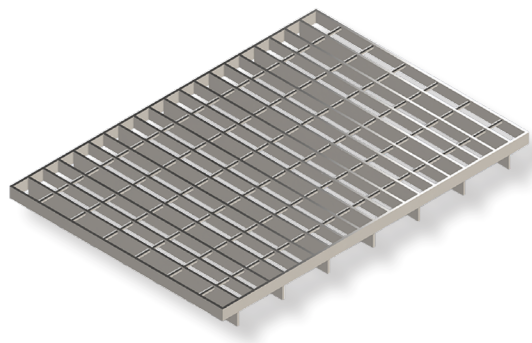
G-0119

SEE PAGE 84

U-32 ADA GRATES

FINISHES:

- Raw Mill
- Black
- HDG

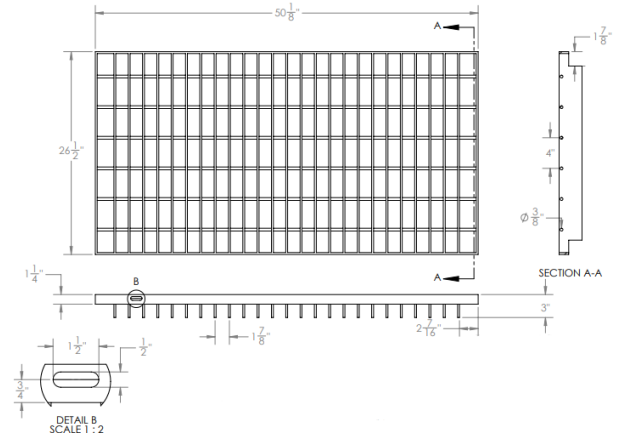
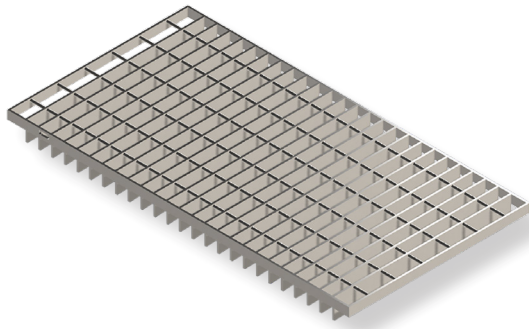


G-0120

U-36 STANDARD GRATES

FINISHES:

- Raw Mill
- Black
- HDG



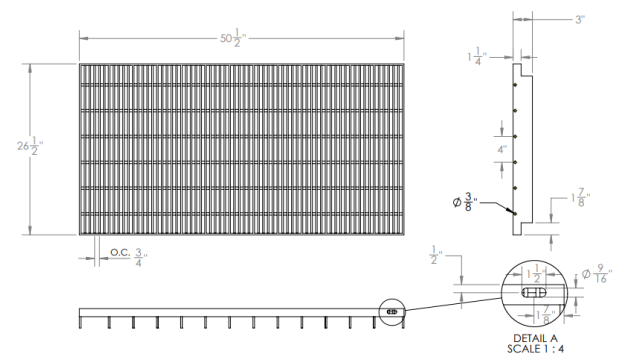
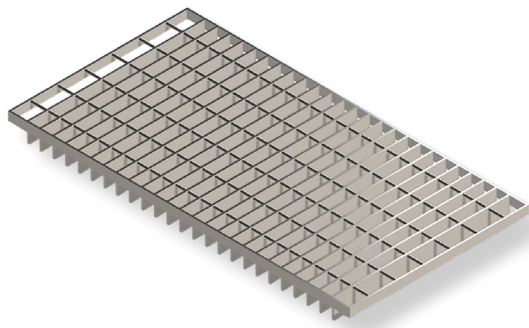
G-0121

SEE PAGE 85

U-36 ADA GRATES

FINISHES:

- Raw Mill
- Black
- HDG

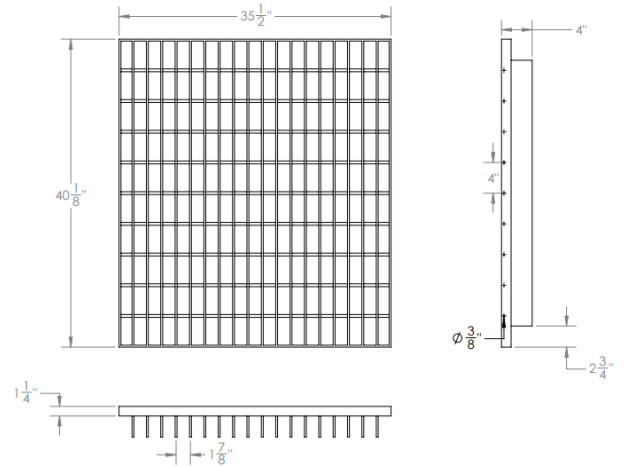
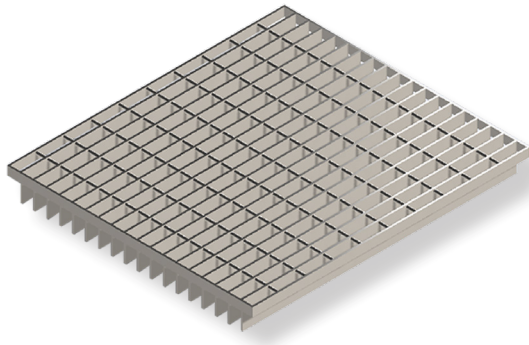


G-0122

U-43 STANDARD GRATES

FINISHES:

- Raw Mill
- Black
- HDG



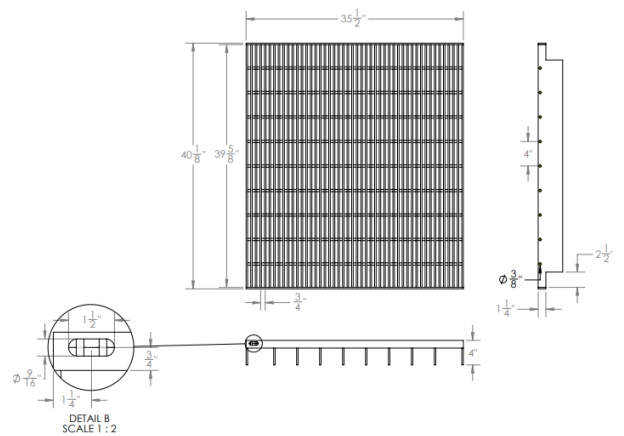
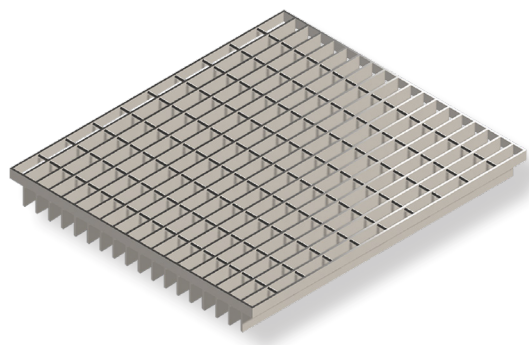
G-0123

SEE PAGE 85

U-43 ADA GRATES

FINISHES:

- Raw Mill
- Black
- HDG

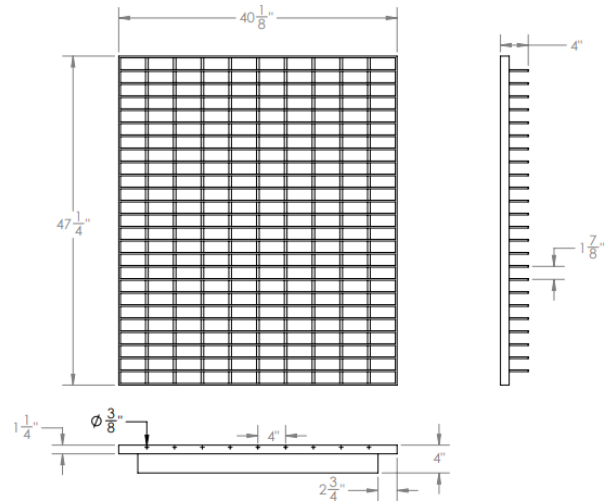
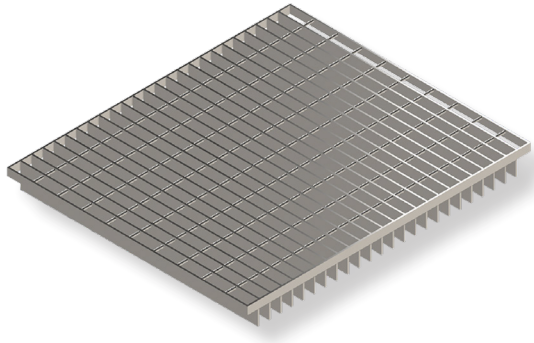


G-0124

U-52 STANDARD GRATES

FINISHES:

- Raw Mill
- Black
- HDG



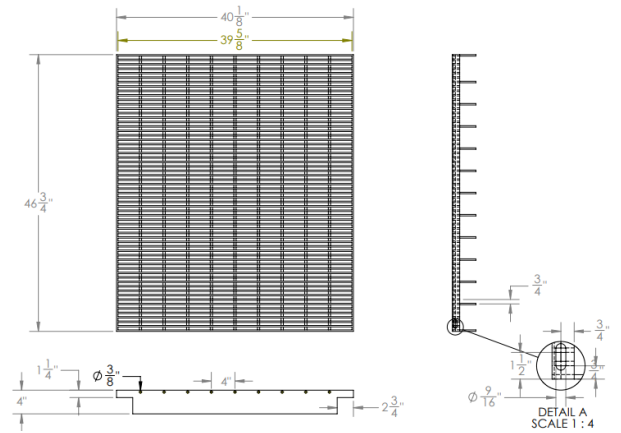
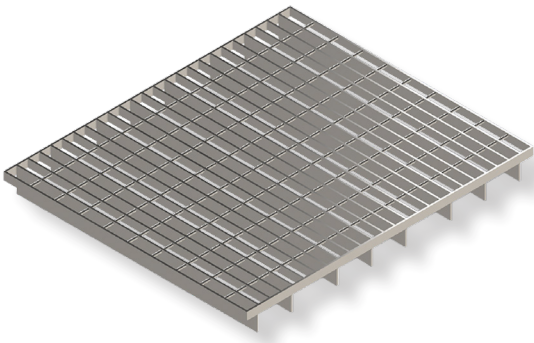
G-0125

SEE PAGE 86

U-52 ADA GRATES

FINISHES:

- Raw Mill
- Black
- HDG

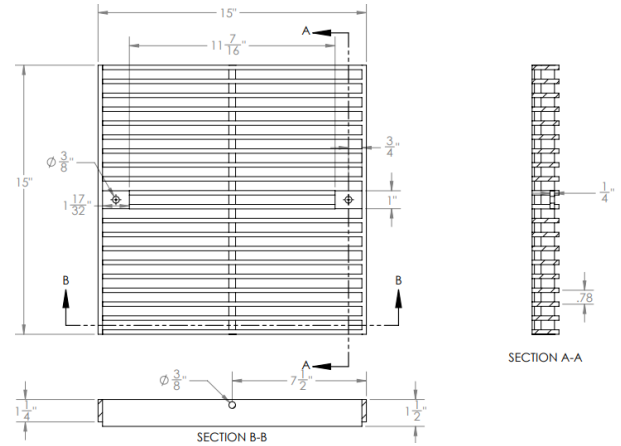
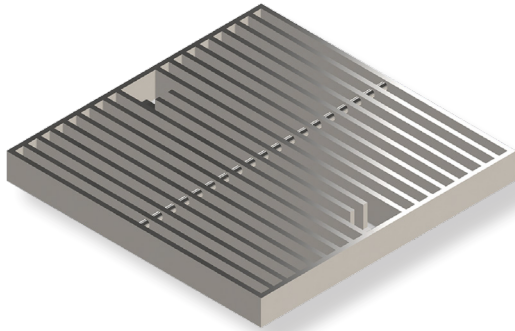


G-0126

V-12 STANDARD GRATES

FINISHES:

- Raw Mill
- Black
- HDG



G-0127

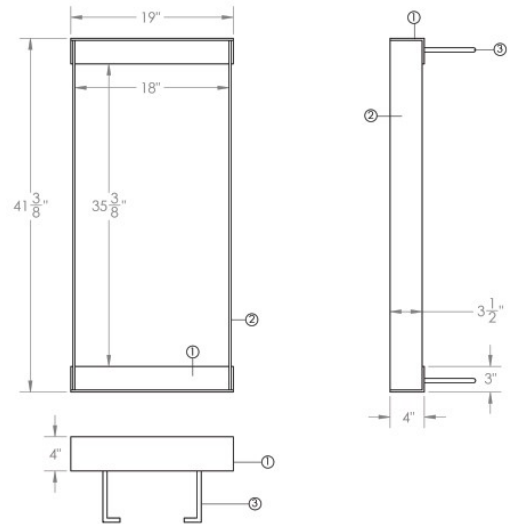
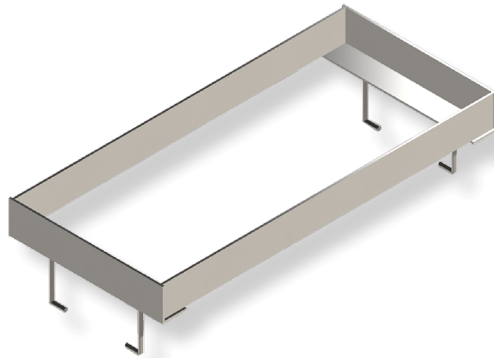
SEE PAGE 86

G-0128

18" FRAME

FINISHES:

- Raw Mill
- Black
- HDG

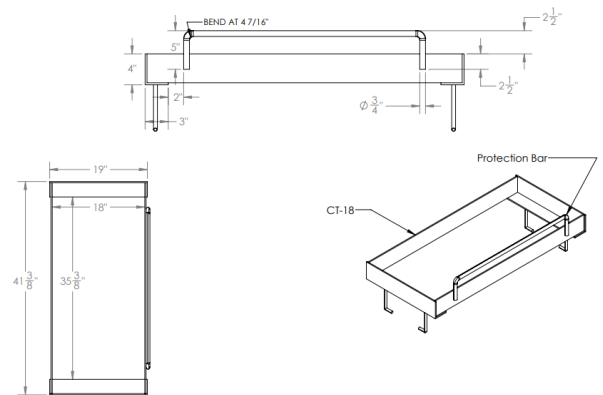
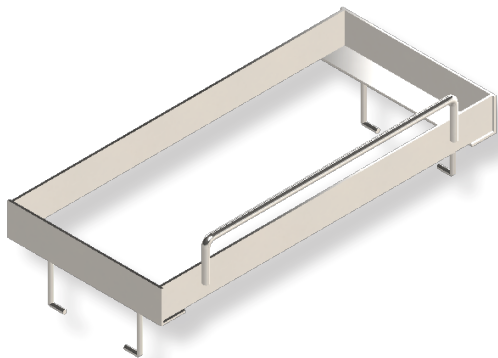


F-0062

PATTERSON FRAME

FINISHES:

- Raw Mill
- Black
- HDG

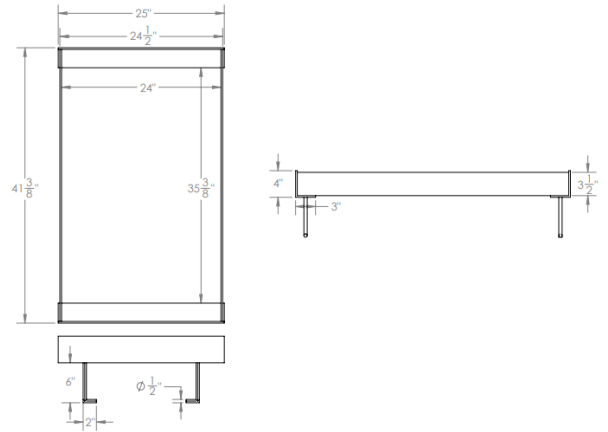
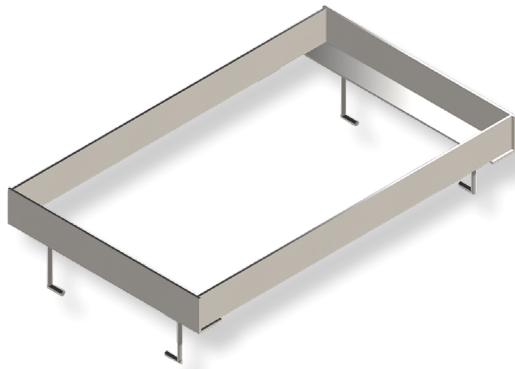


F-0063

24" FRAME

FINISHES:

- Raw Mill
- Black
- HDG

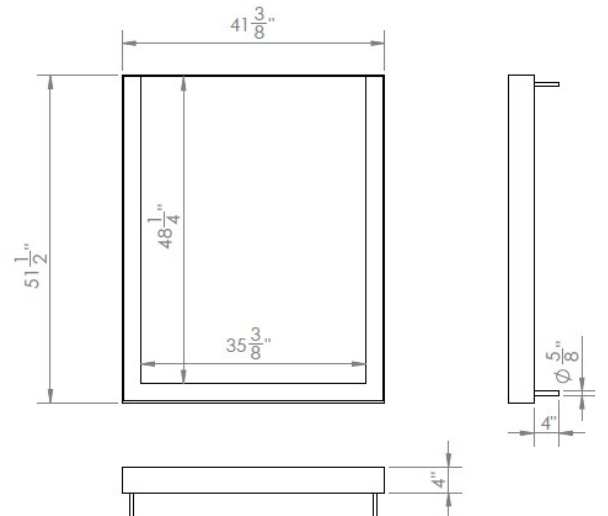
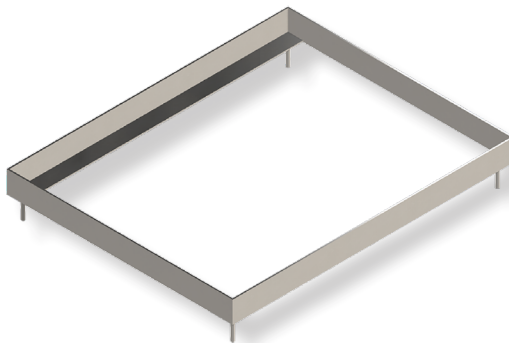


F-0064

GDO FRAME

FINISHES:

- Raw Mill
- Black
- HDG

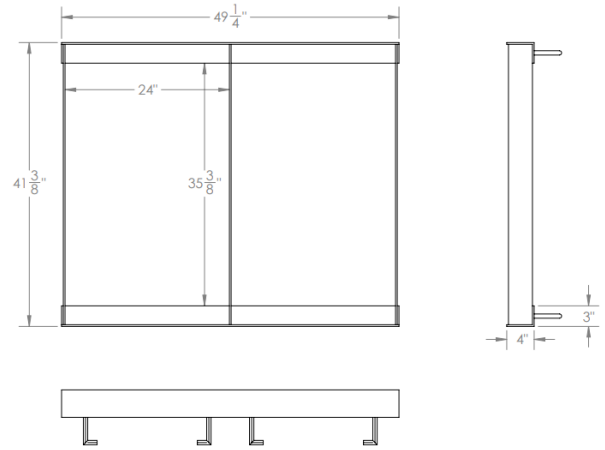
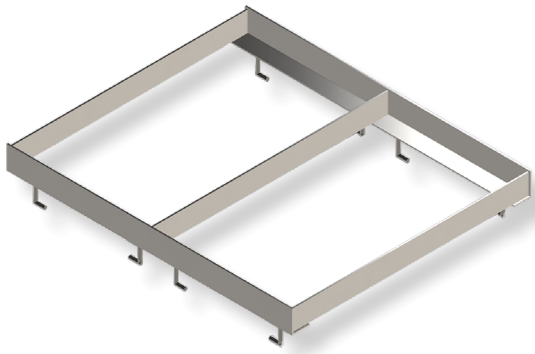


F-0065

MODIFIED GDO FRAME

FINISHES:

- Raw Mill
- Black
- HDG

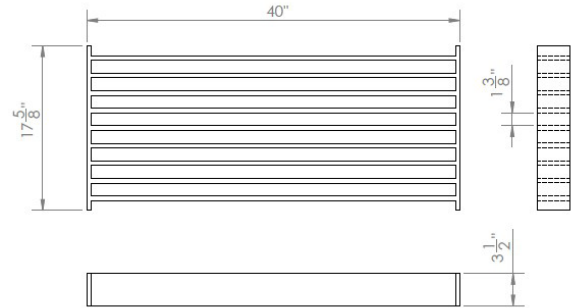
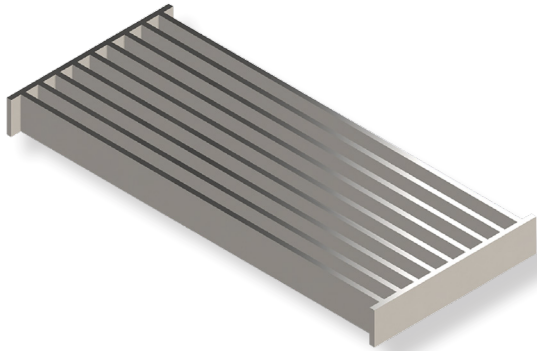


F-0066

18-09 GRATE

FINISHES:

- Raw Mill
- Black
- HDG

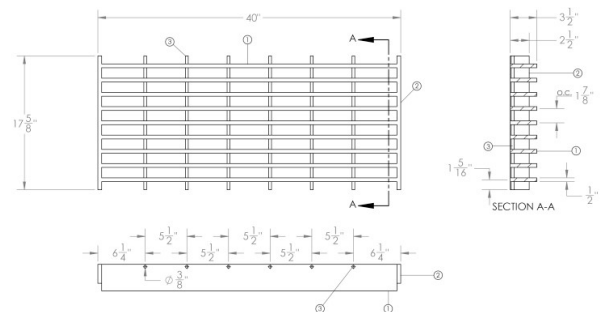
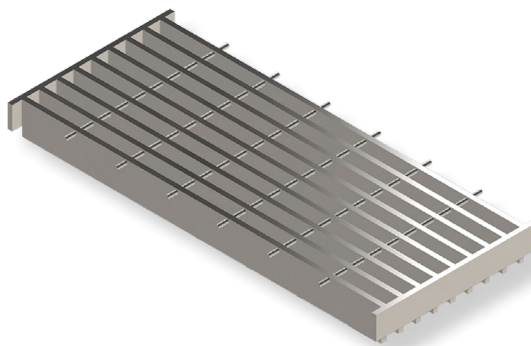


G-0129

18-09X GRATE

FINISHES:

- Raw Mill
- Black
- HDG

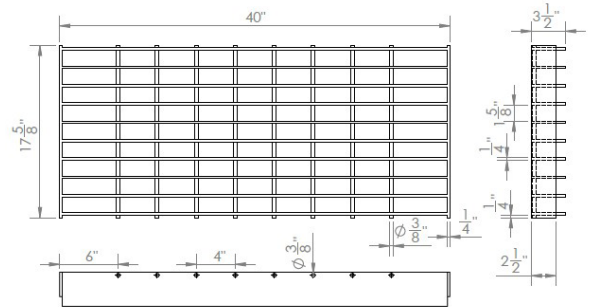
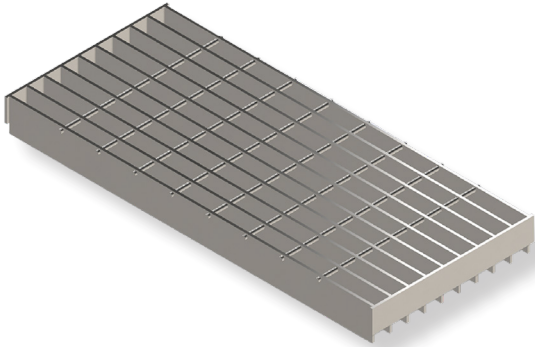


G-0130

18-10 GRATE

FINISHES:

- Raw Mill
- Black
- HDG

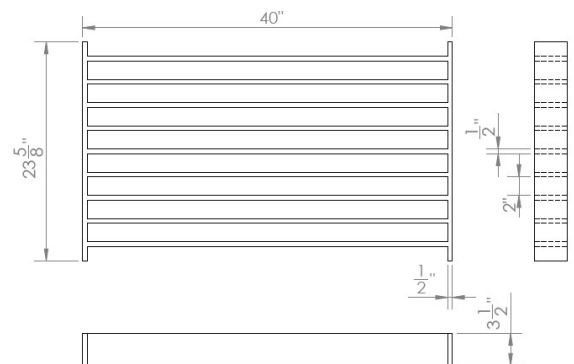
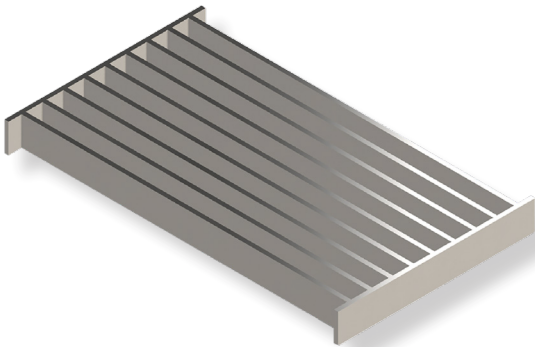


G-0131

24-09 GRATE

FINISHES:

- Raw Mill
- Black
- HDG

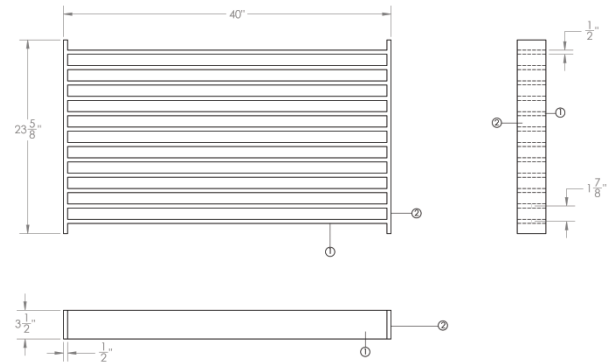
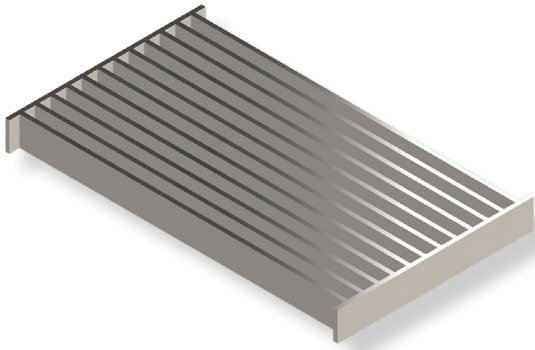


G-0132

24-12 GRATE

FINISHES:

- Raw Mill
- Black
- HDG

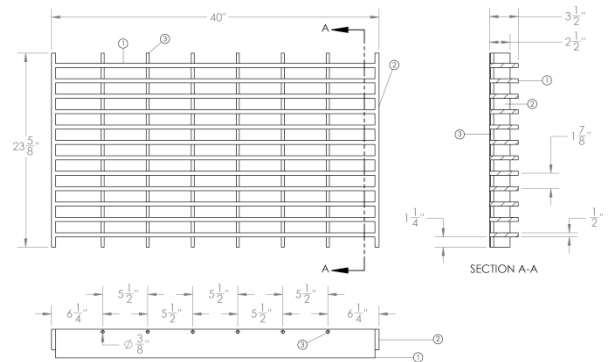
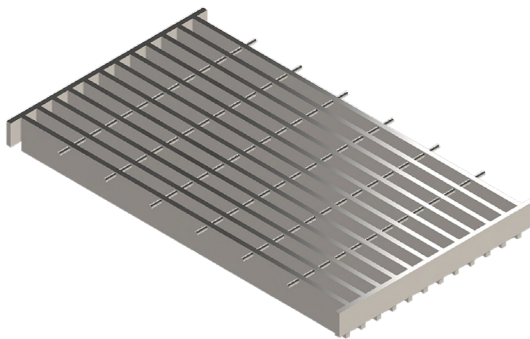


G-0133

24-12 X GRATE

FINISHES:

- Raw Mill
- Black
- HDG

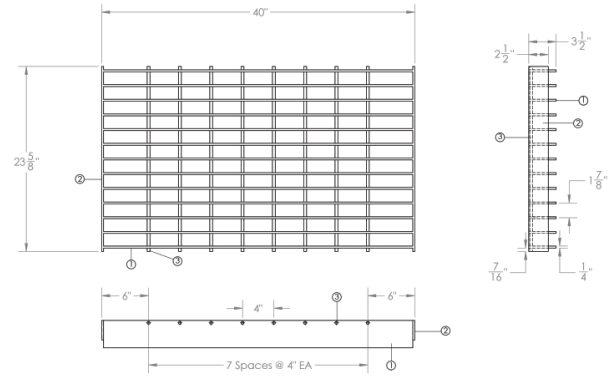
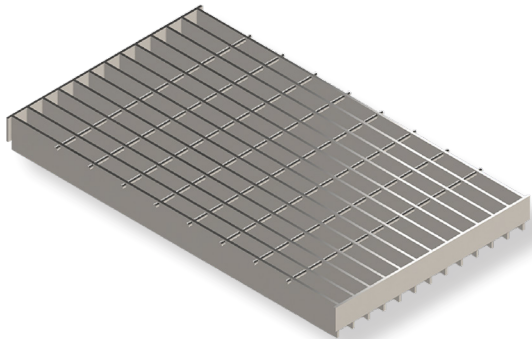


G-0134

24-13 GRATE

FINISHES:

- Raw Mill
- Black
- HDG

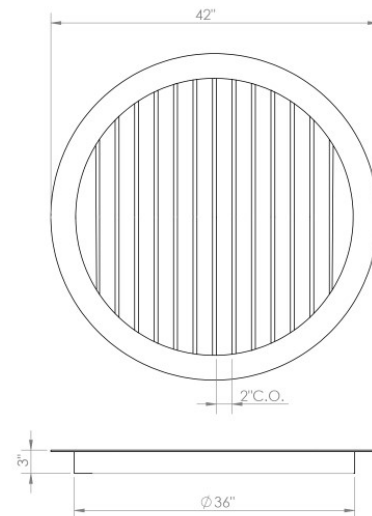
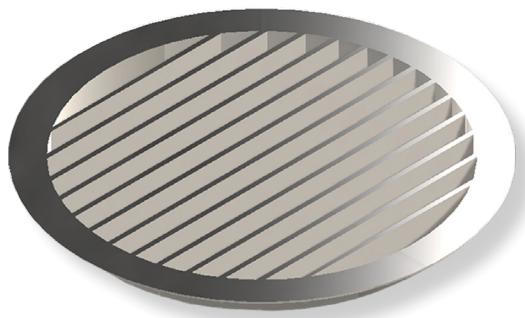


G-0135

36 R GRATE

FINISHES:

- Raw Mill
- Black
- HDG

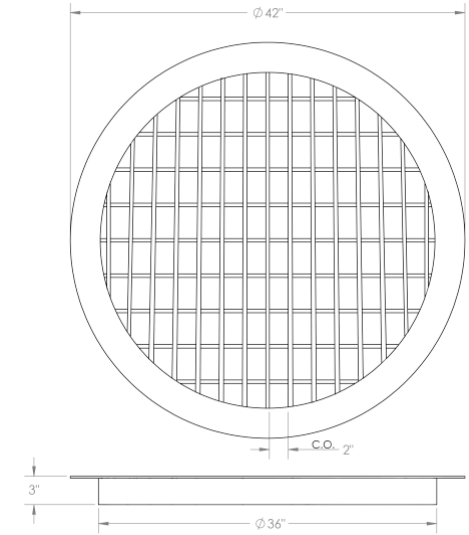
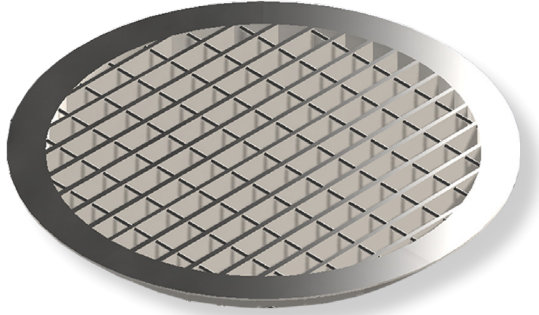


G-0136

36 RX GRATE

FINISHES:

- Raw Mill
- Black
- HDG

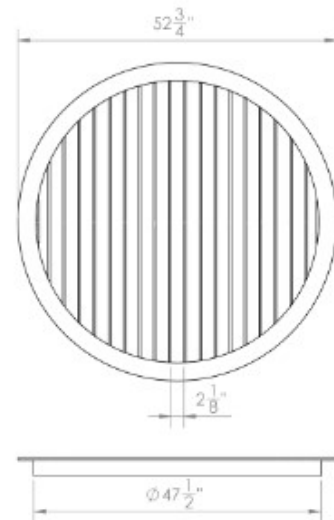
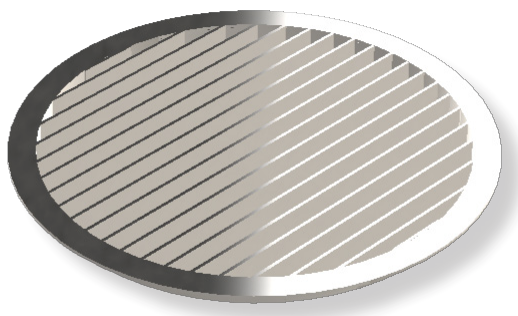


G-0137

48 R GRATE

FINISHES:

- Raw Mill
- Black
- HDG

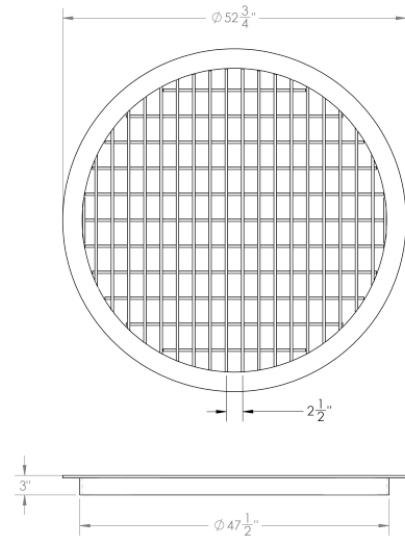
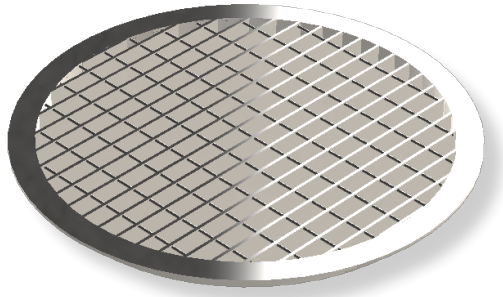


G-0138

48 RX GRATE

FINISHES:

- Raw Mill
- Black
- HDG



G-0139

BLANK PAGE

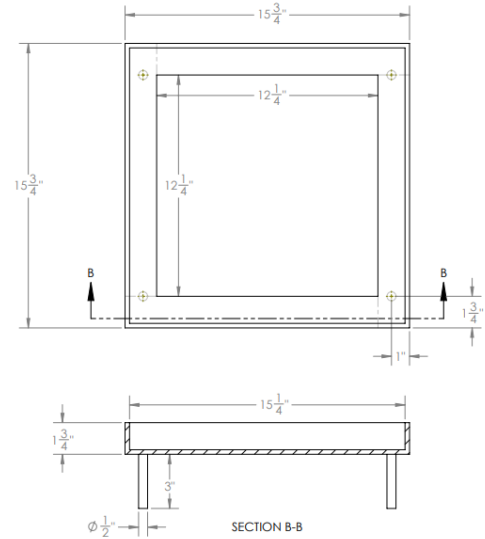
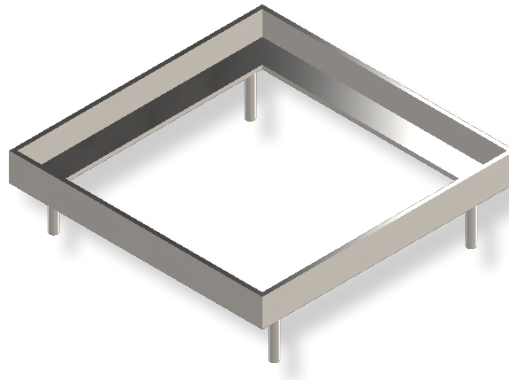
* THE FOLLOWING JENSEN FRAMES FIT CORRESPONDING SIZE FOR JENSEN GRATES (FOR BOTH PARKWAY AND TRAFFIC)

12X12 FRAME

12X12 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0067

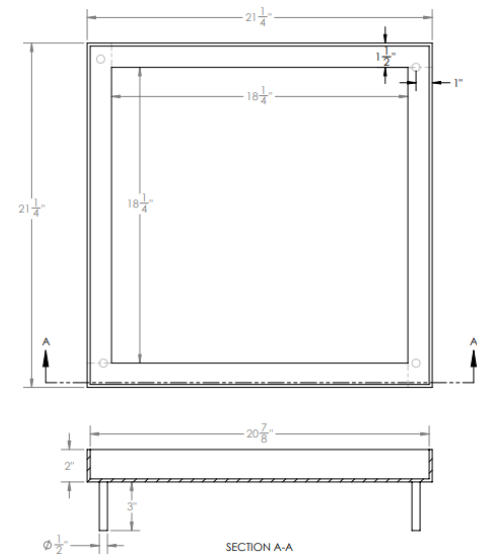
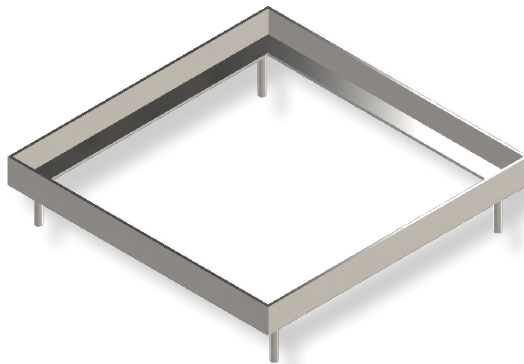
SEE PAGE 110-111

18X18 FRAME

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0068

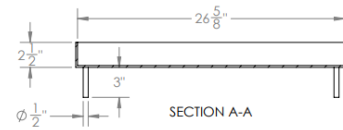
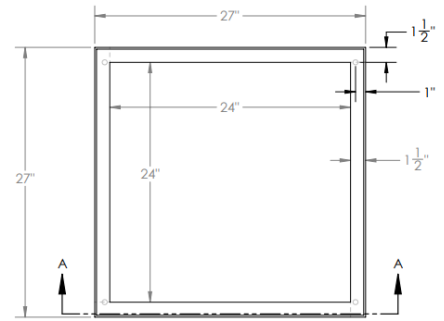
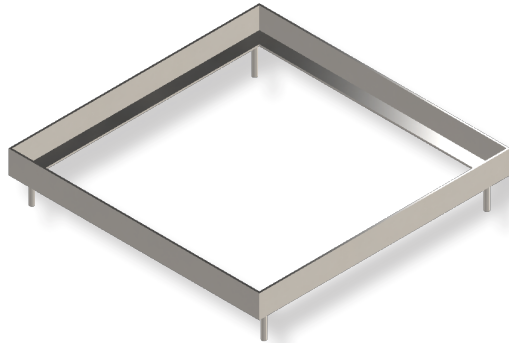
SEE PAGE 112-113

24X24 FRAME

24X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



F-0069

SEE PAGE 114-115

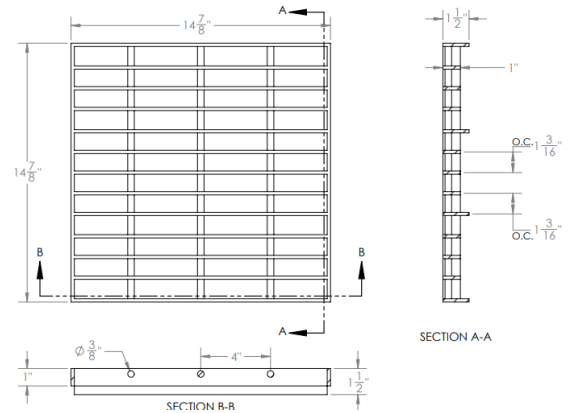
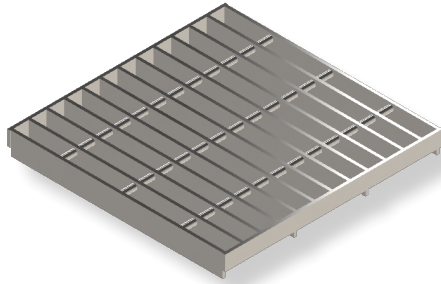
* THE FOLLOWING JENSEN GRATES (PARKWAY AND TRAFFIC) FIT CORRESPONDING SIZE FOR JENSEN FRAMES

STANDARD GRATE

12X12 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0140

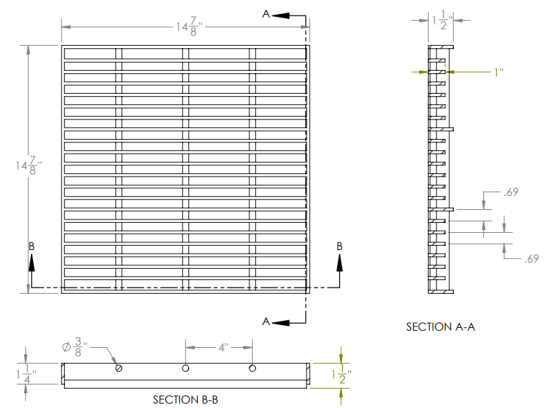
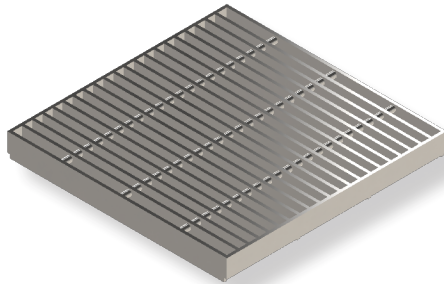
SEE PAGE 108

ADA GRATE

12X12 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



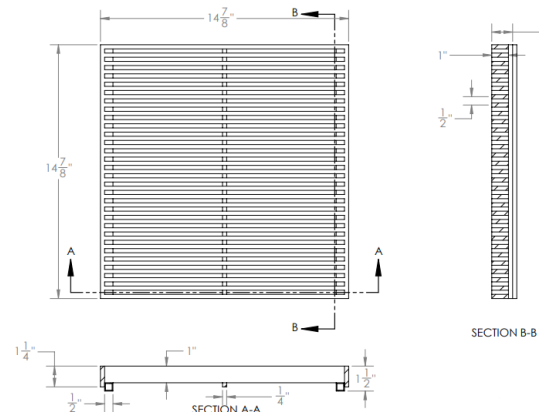
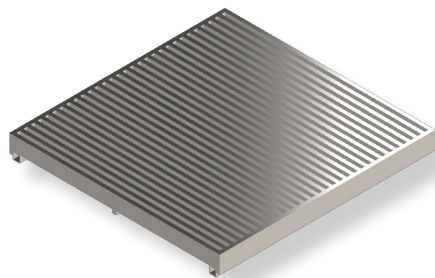
G-0141

HHP GRATE

12X12 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG

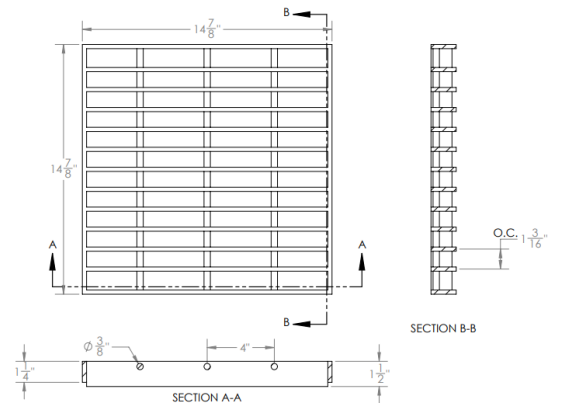
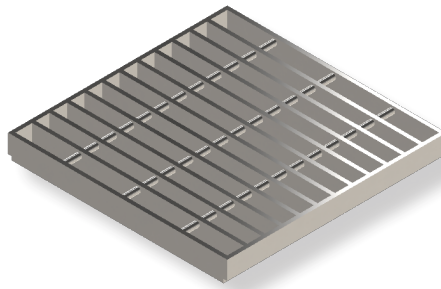


G-0142

STANDARD GRATE

12X12 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG



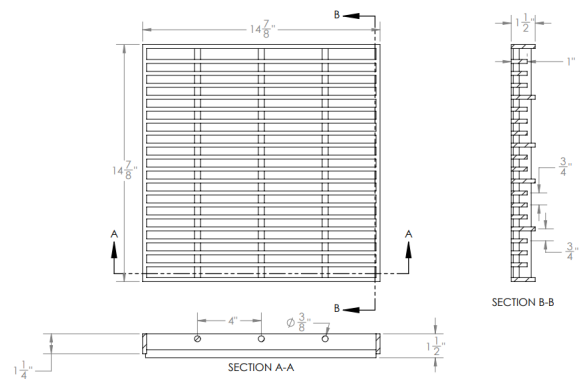
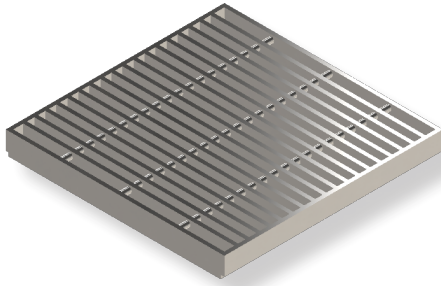
G-0143

SEE PAGE 108

ADA GRATE

12X12 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG

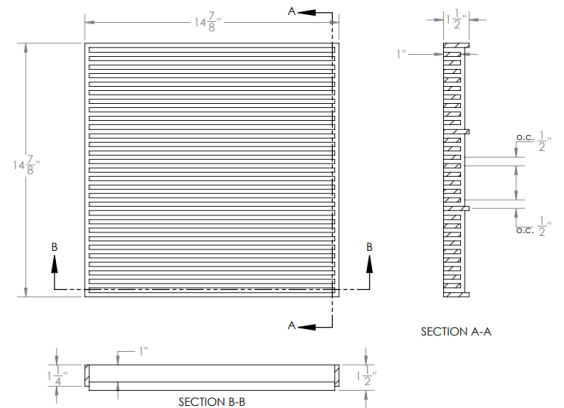
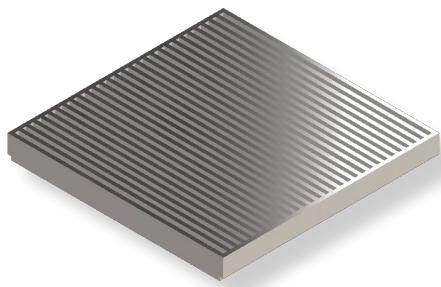


G-0144

HHP GRATE

12X12 Clear opening

- FINISHES:
- Raw Mill
 - Black
 - HDG



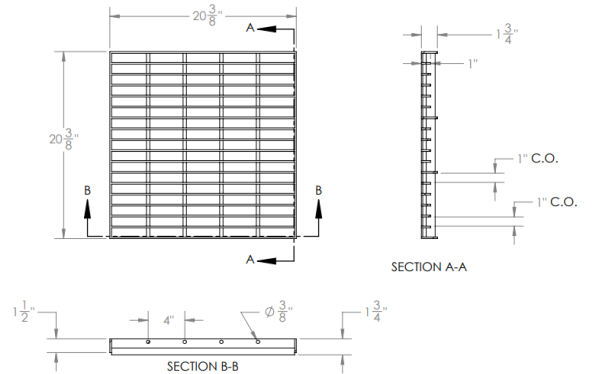
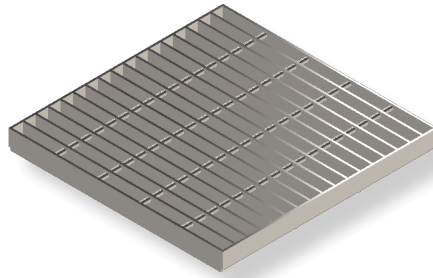
G-0145

STANDARD GRATE

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0146

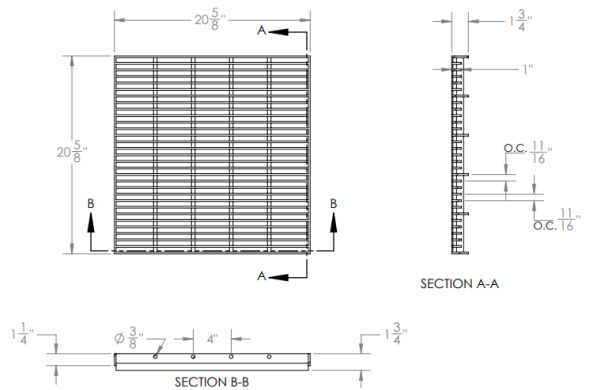
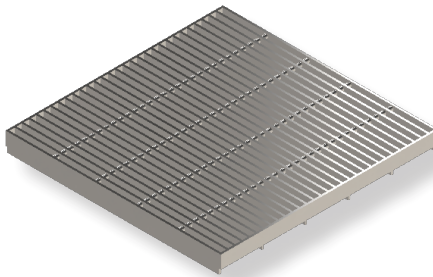
SEE PAGE 108

ADA GRATE

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



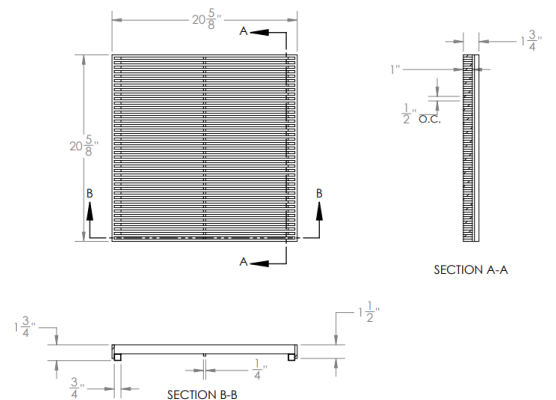
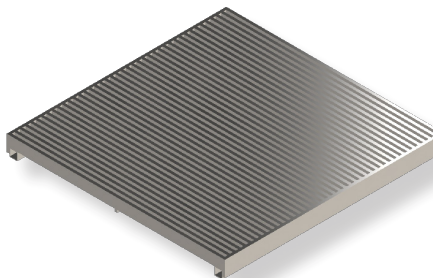
G-0147

HHP GRATE

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



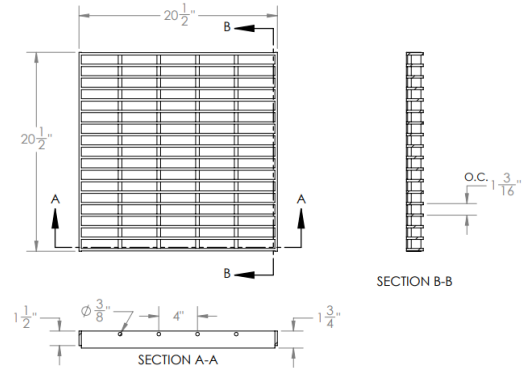
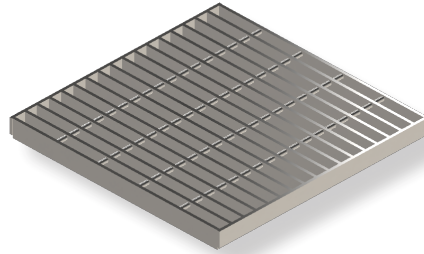
G-0148

STANDARD GRATE

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0149

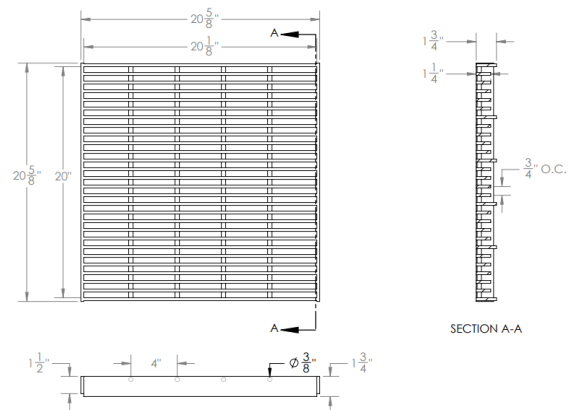
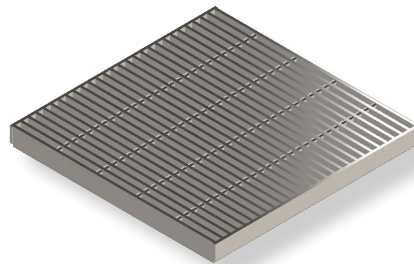
SEE PAGE 108

ADA GRATE

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



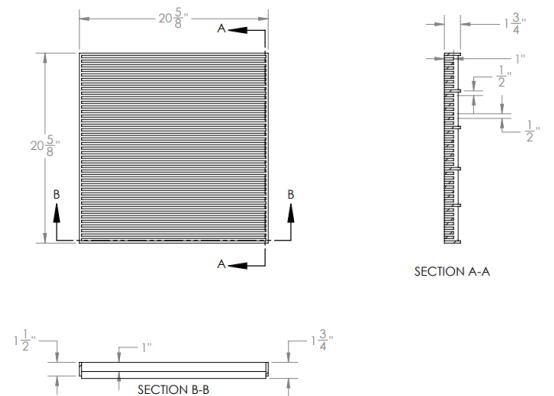
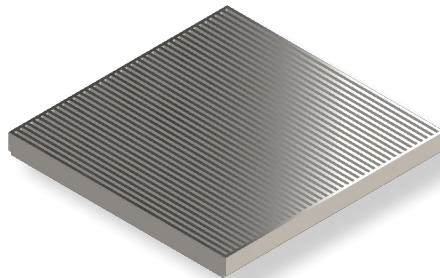
G-0150

HHP GRATE

18X18 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



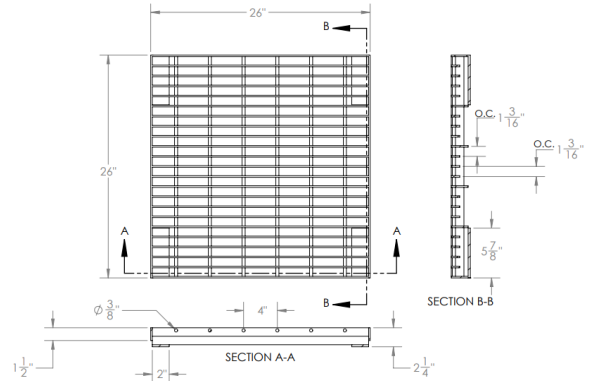
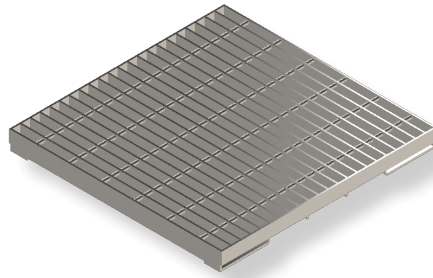
G-0151

STANDARD GRATE

24X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0152

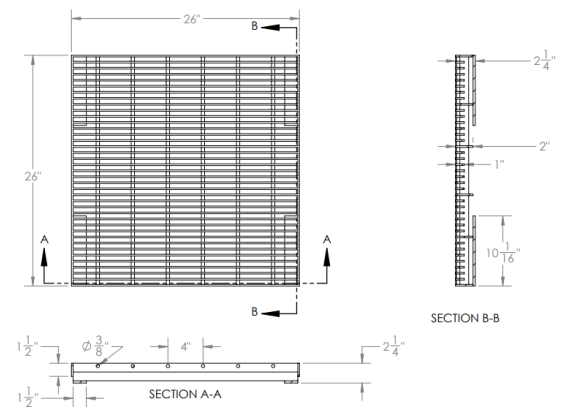
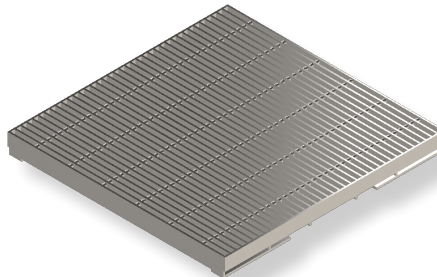
SEE PAGE 109

ADA GRATE

24X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



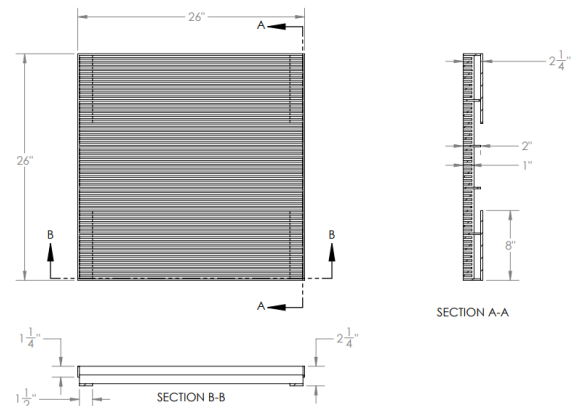
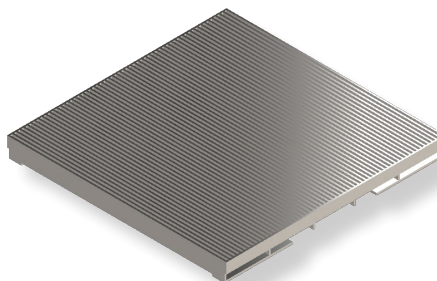
G-0153

HHP GRATE

24X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



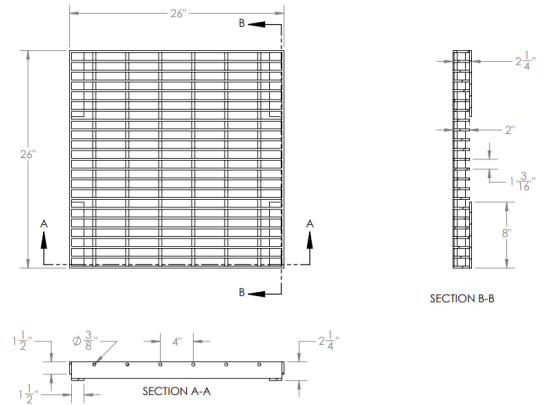
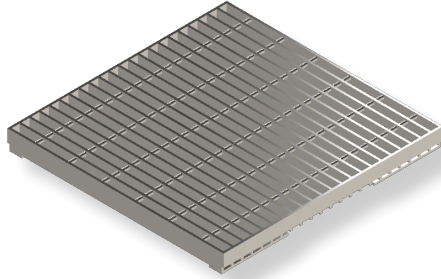
G-0154

STANDARD GRATE

24X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0155

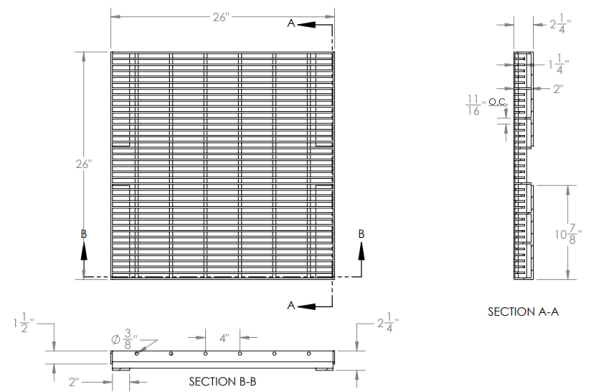
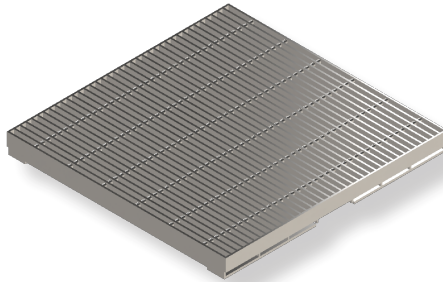
SEE PAGE 109

ADA GRATE

24X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



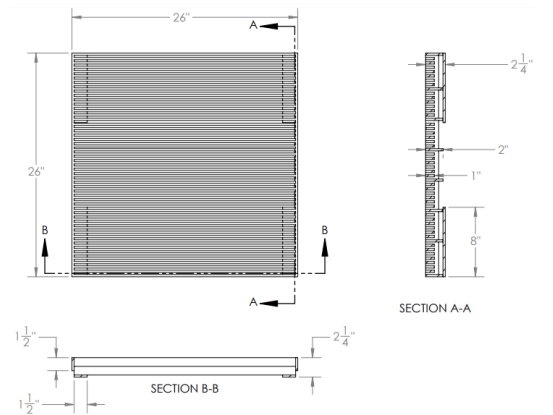
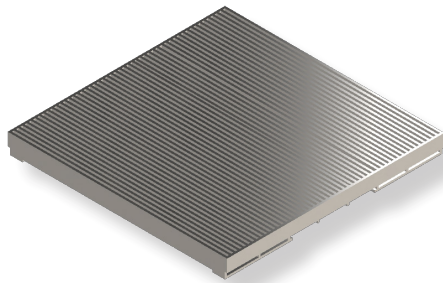
G-0156

HHP GRATE

24X24 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



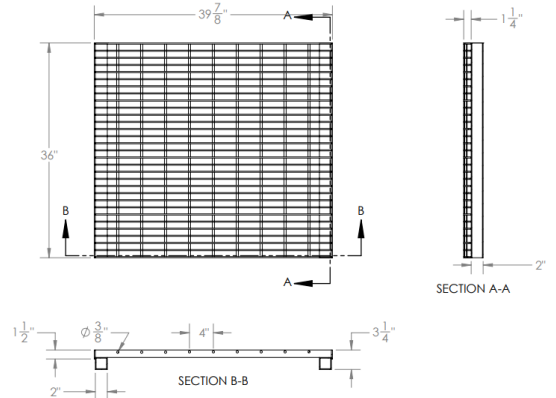
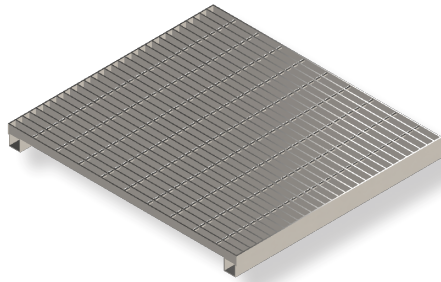
G-0157

STANDARD GRATE

36X36 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0158

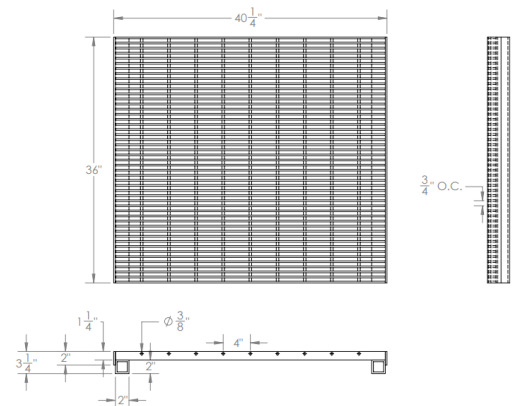
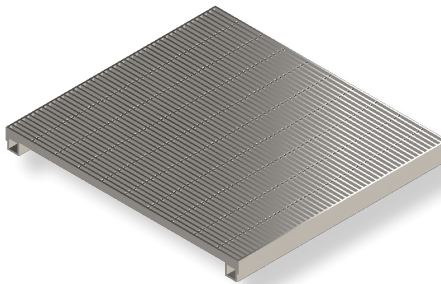
SEE PAGE 109

ADA GRATE

36X36 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



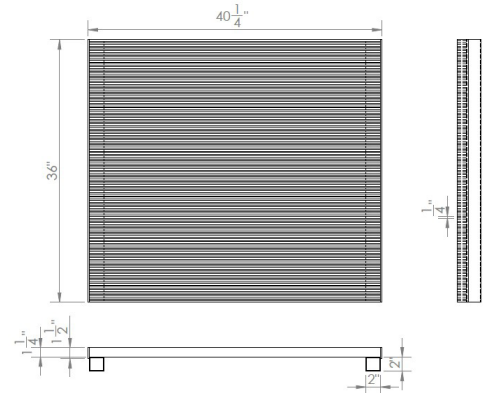
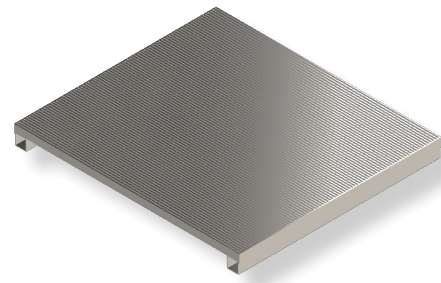
G-0159

HHP GRATE

36X36 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



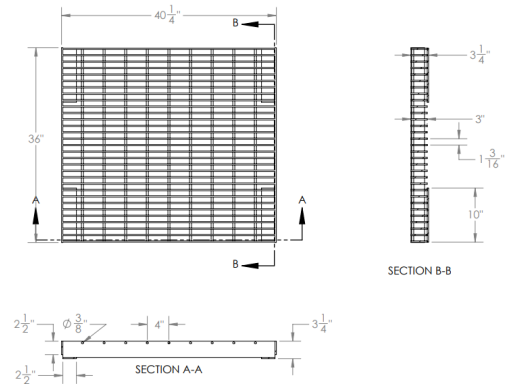
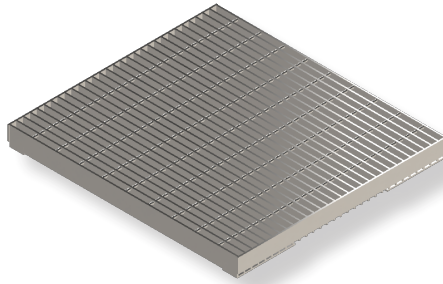
G-0160

STANDARD GRATE

36X36 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0161

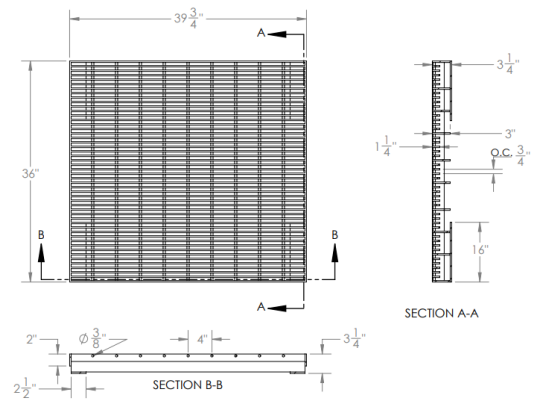
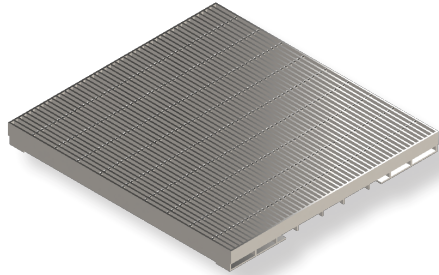
SEE PAGE 109

ADA GRATE

36X36 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



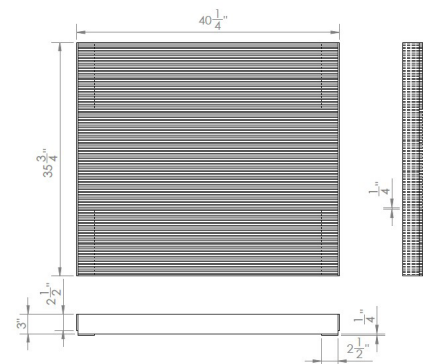
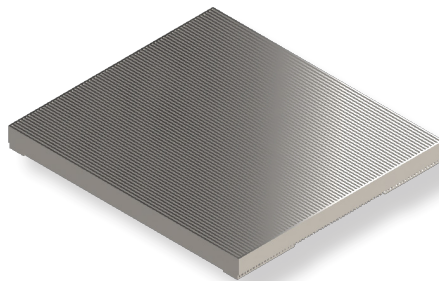
G-0162

HHP GRATE

36X36 Clear opening

FINISHES:

- Raw Mill
- Black
- HDG



G-0163

BLANK PAGE

CURB ANGLES/HEADERS

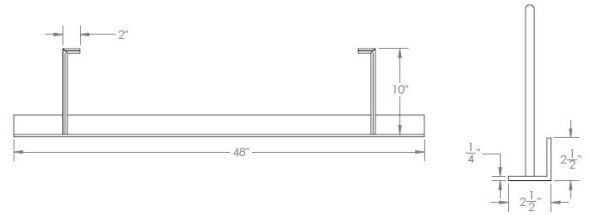
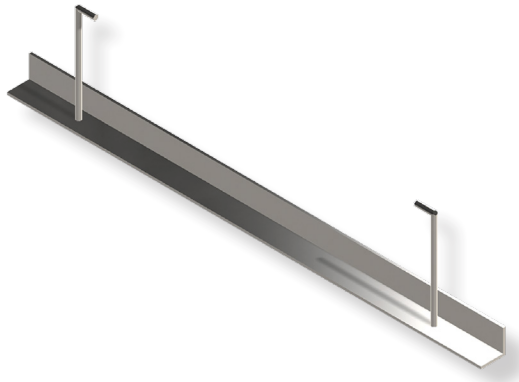
2

STYLES
OLD CASTLE
CAL TRANS
JENSEN

GO HEADER 48"

FINISHES:

- Raw Mill
- Black
- HDG

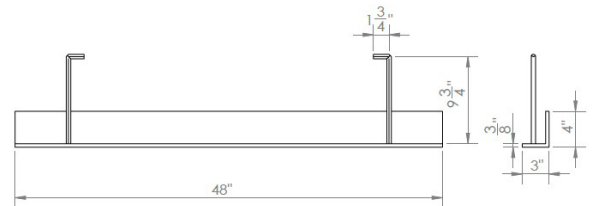
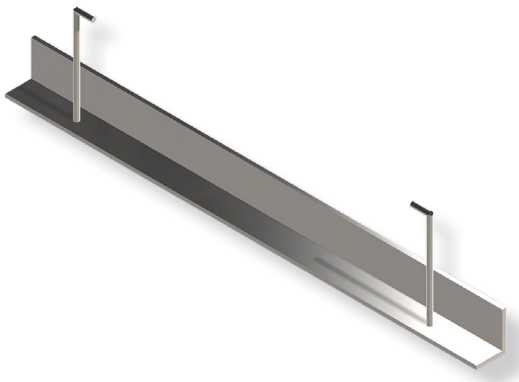


H-0001

GO HEADER 4'X3'X48"

FINISHES:

- Raw Mill
- Black
- HDG

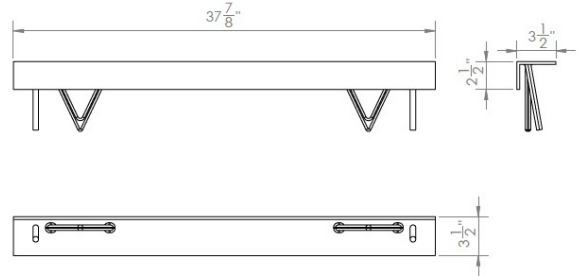


H-0002

**3 1/2" X 2 1/2" X 1/4" X
37 7/8" CURB ANGLE**

FINISHES:

- Raw Mill
- Black
- HDG

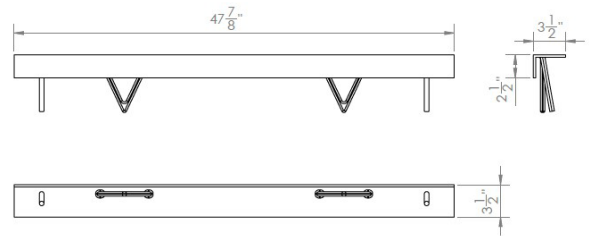


H-0003

**3 1/2" X 2 1/2" X 1/4" X
47 7/8" CURB ANGLE**

FINISHES:

- Raw Mill
- Black
- HDG

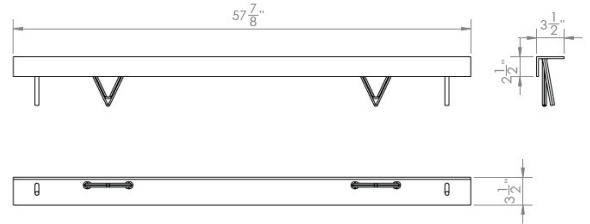


H-0004

**3 1/2" X 2 1/2" X 1/4" X
57 7/8" CURB ANGLE**

FINISHES:

- Raw Mill
- Black
- HDG

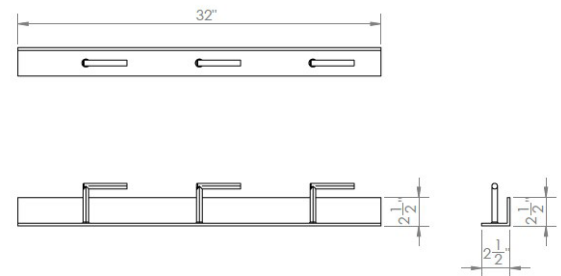
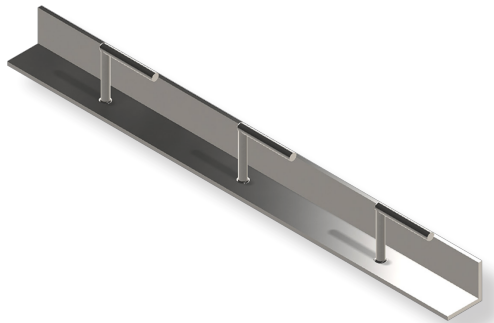


H-0005

RIO VISTA CURB ANGLE

FINISHES:

- Raw Mill
- Black
- HDG

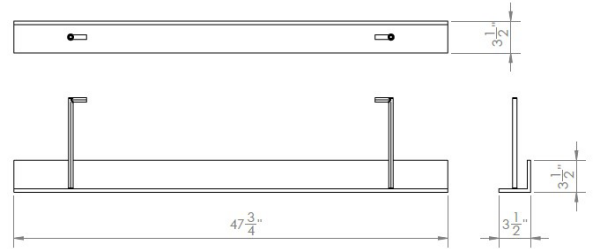
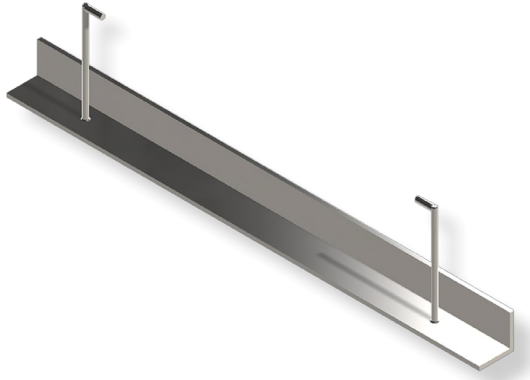


H-0006

**3 1/2" X 3 1/2" X 3/8" X
47 3/4" CURB ANGLE**

FINISHES:

- Raw Mill
- Black
- HDG

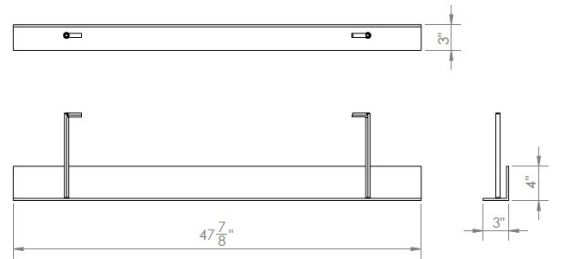
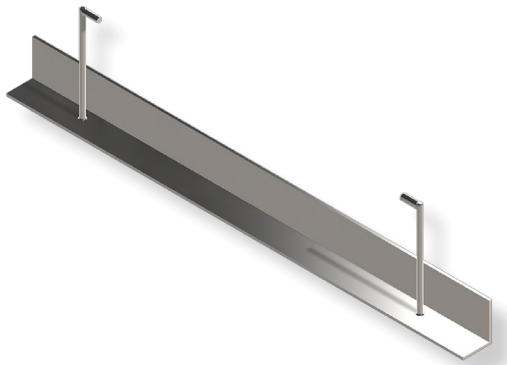


H-0007

4" X 3" X 1/4" X 47 7/8" CURB ANGLE

FINISHES:

- Raw Mill
- Black
- HDG



H-0008

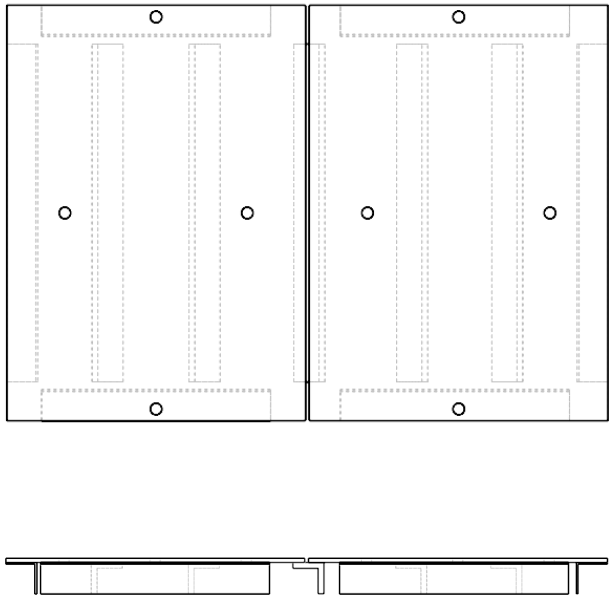
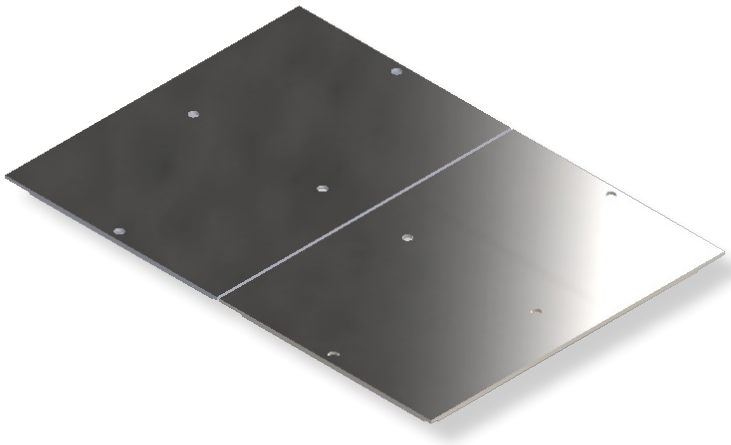
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COVERS

3

STYLES
PRECAST
CAL TRANS
OLD CASTLE

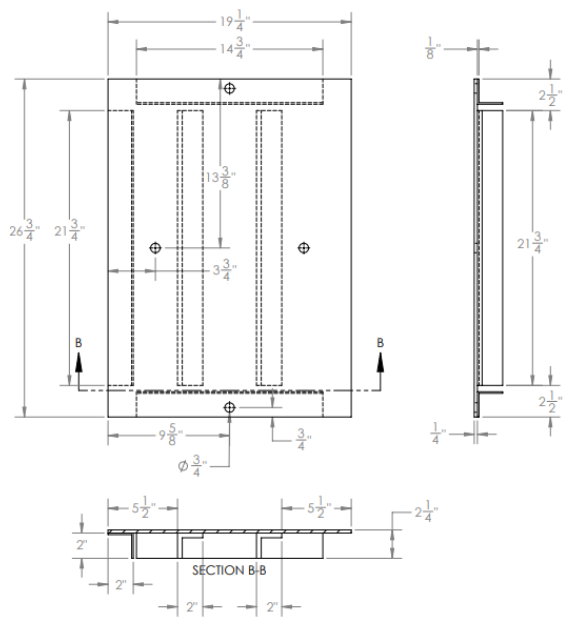
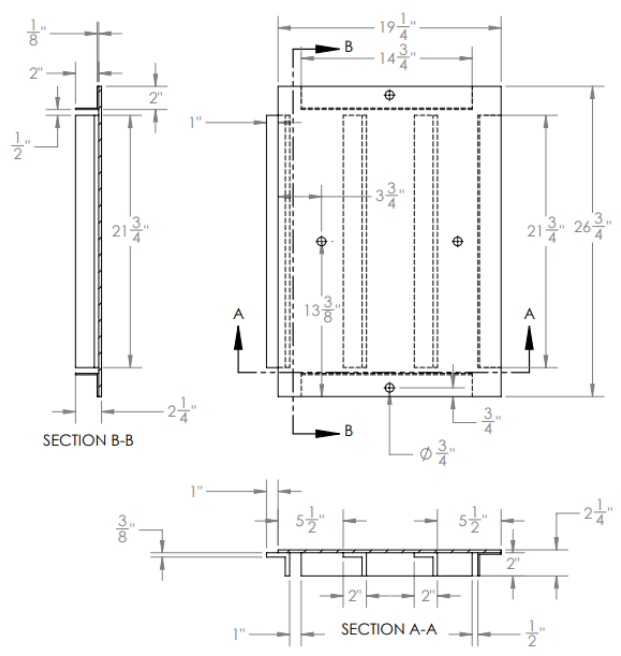
T100 SET



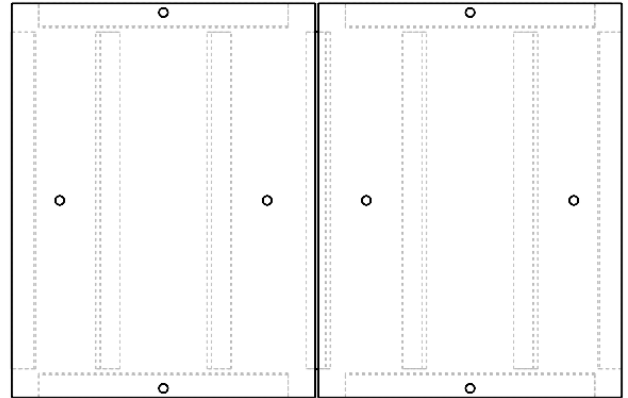
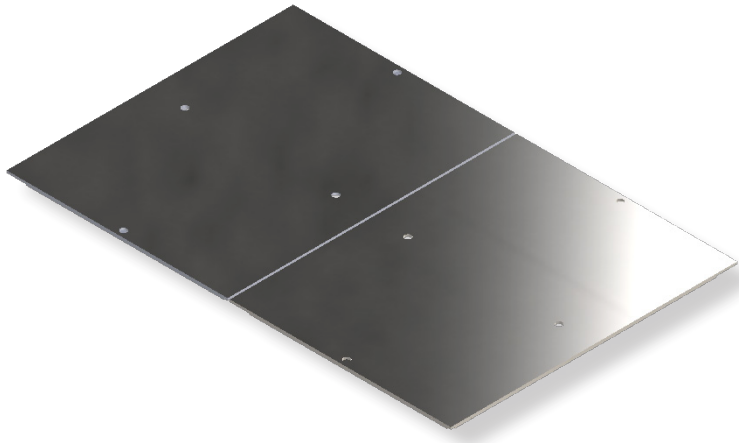
C-0001

T100 LID 1

T100 LID 2

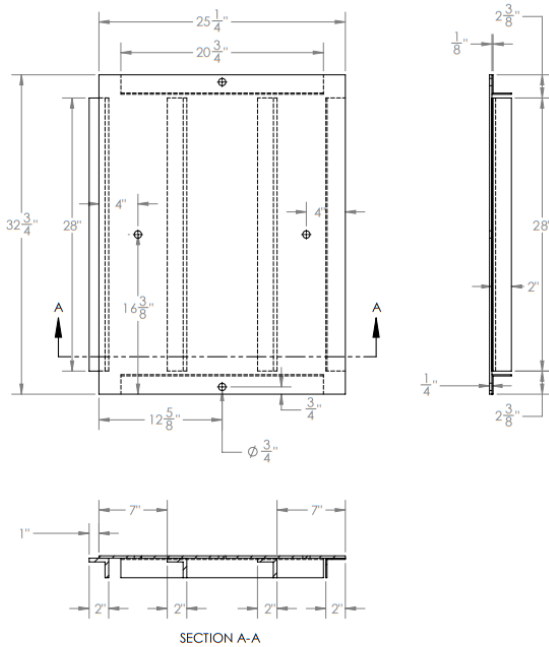


T200 SET

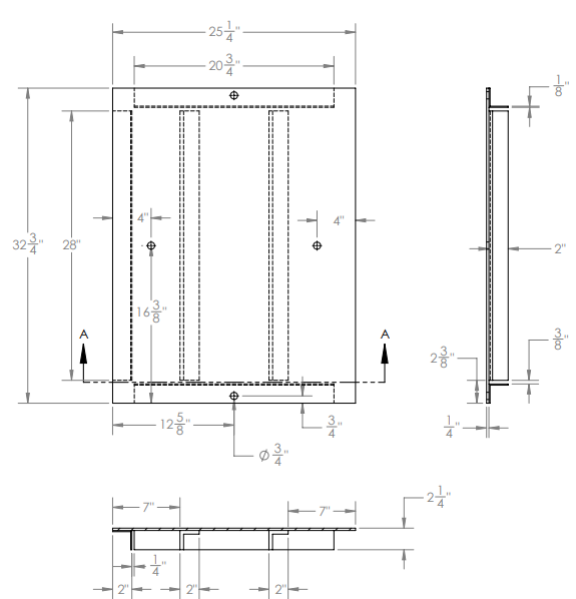


C-0002

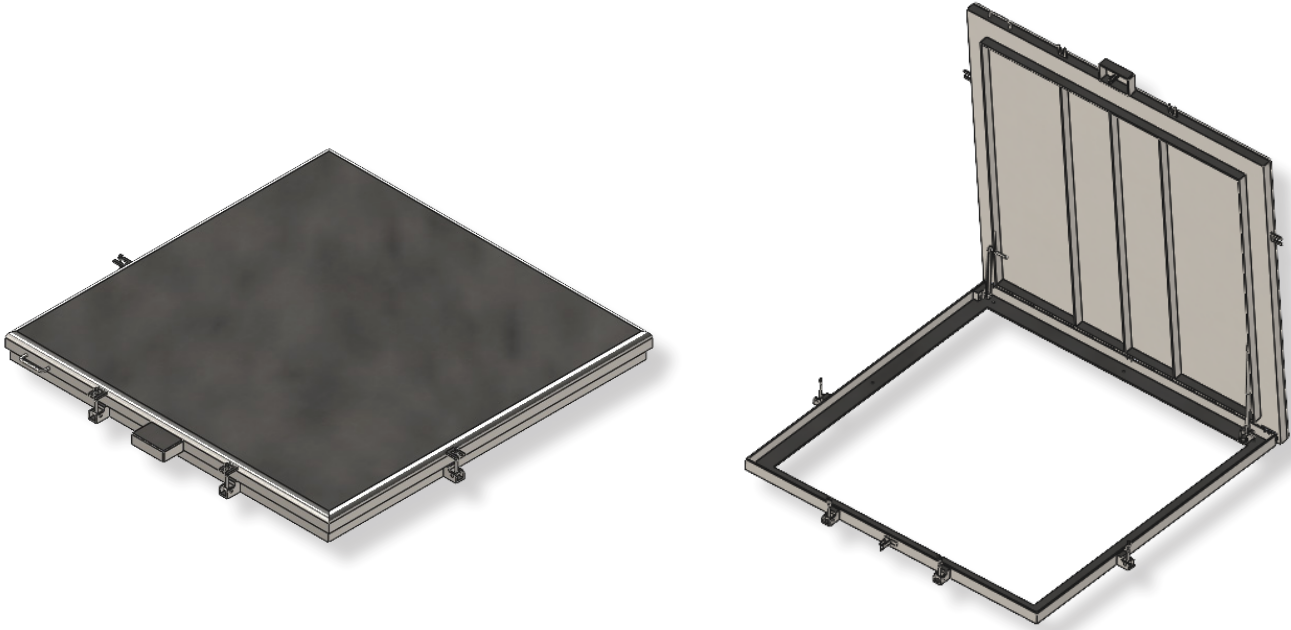
T200 LID 1



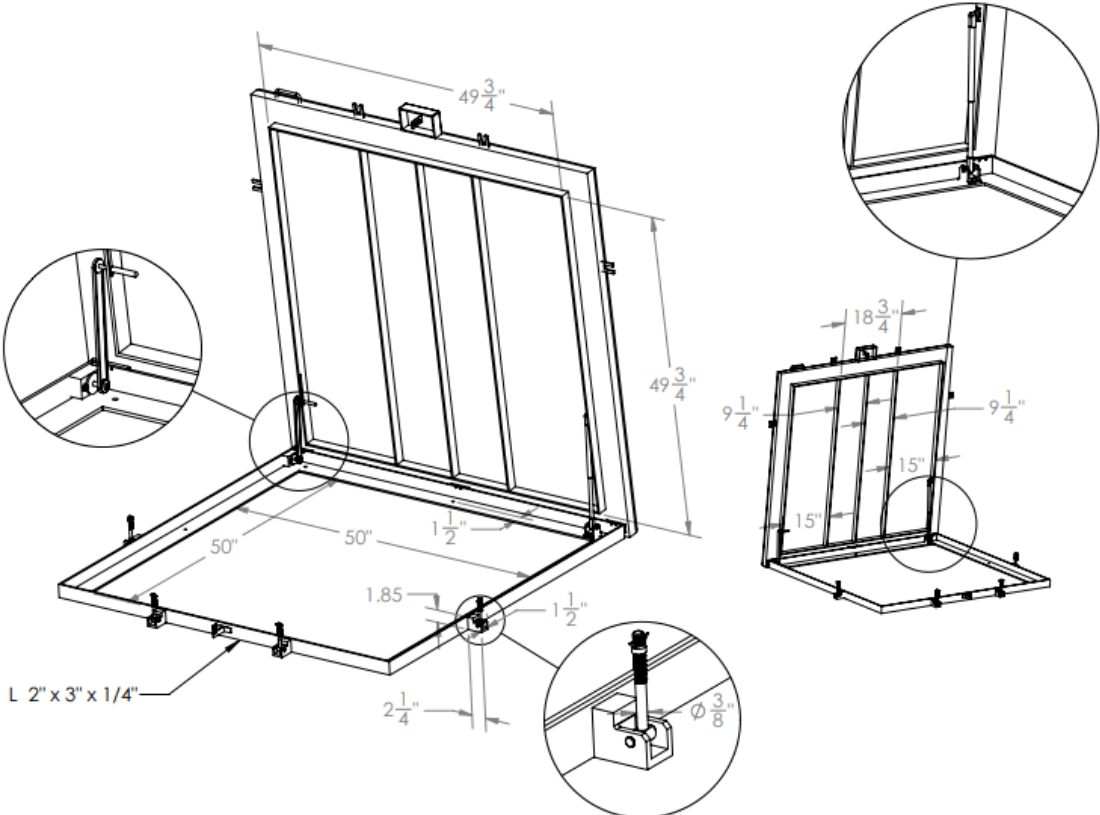
T200 LID 2



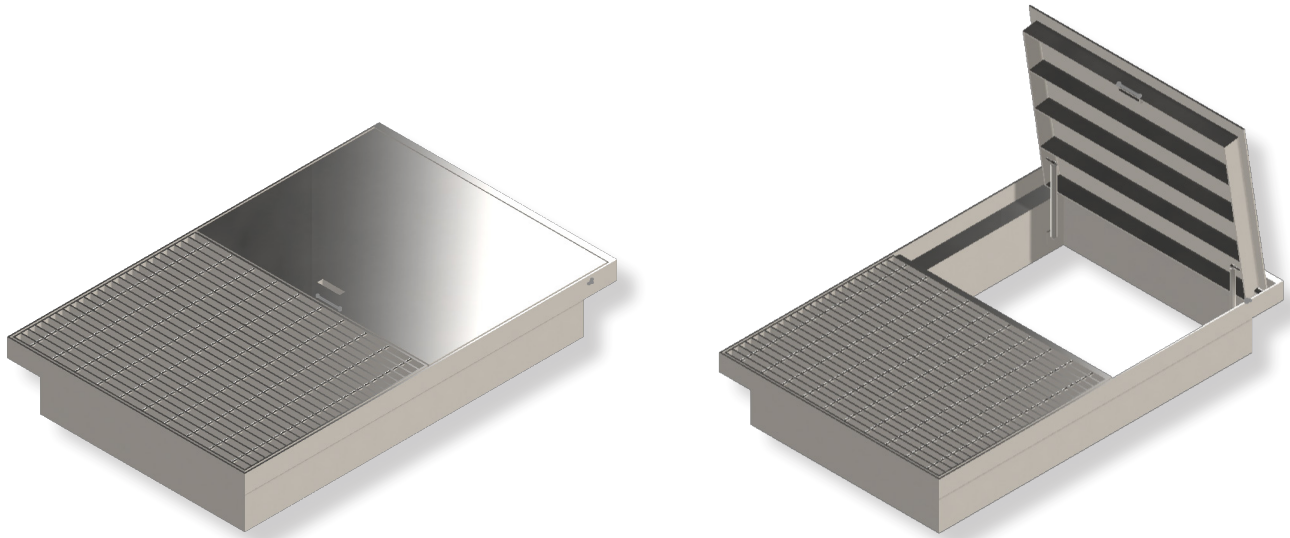
ACCESS HATCH AND FRAME SET



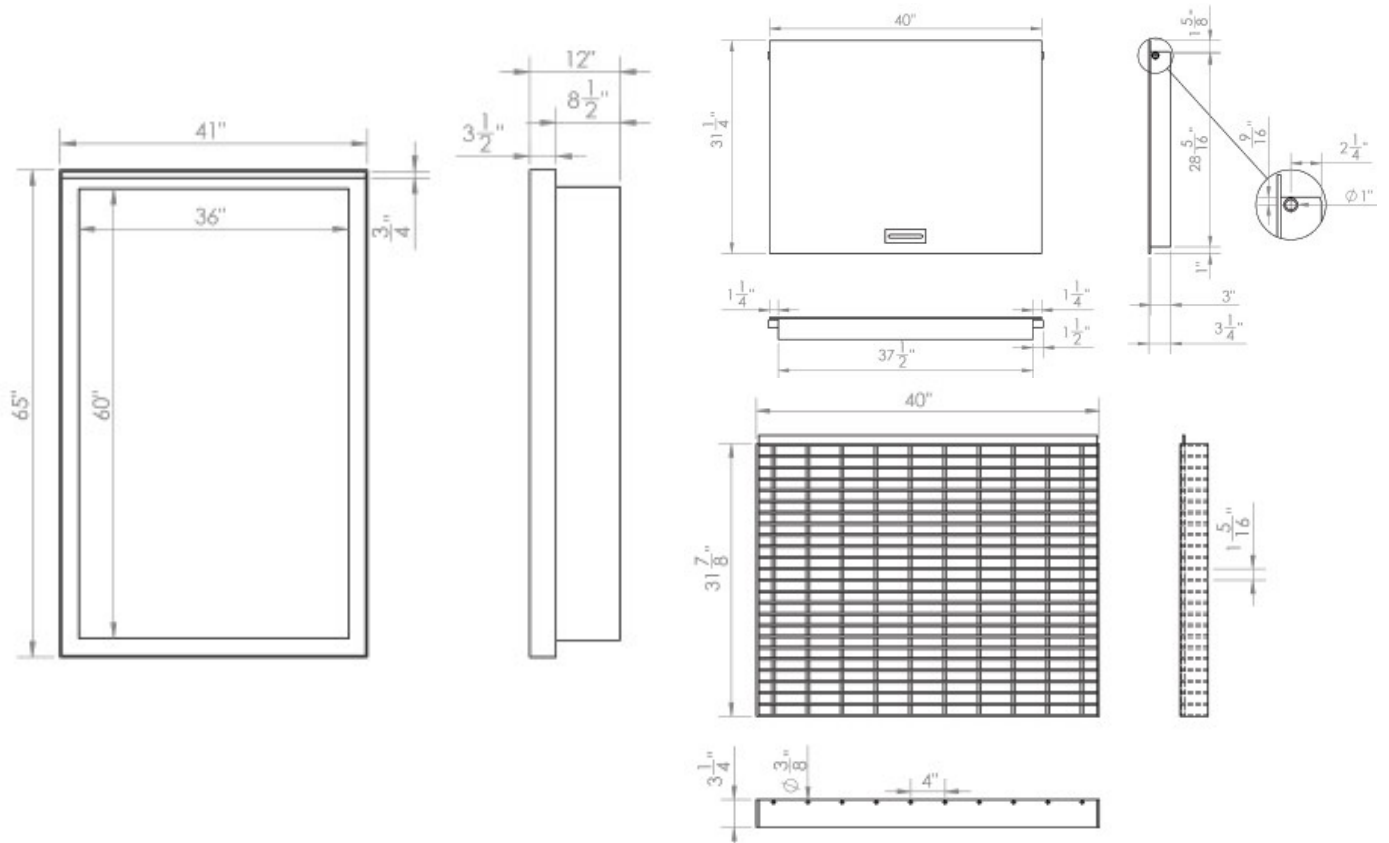
C-0003



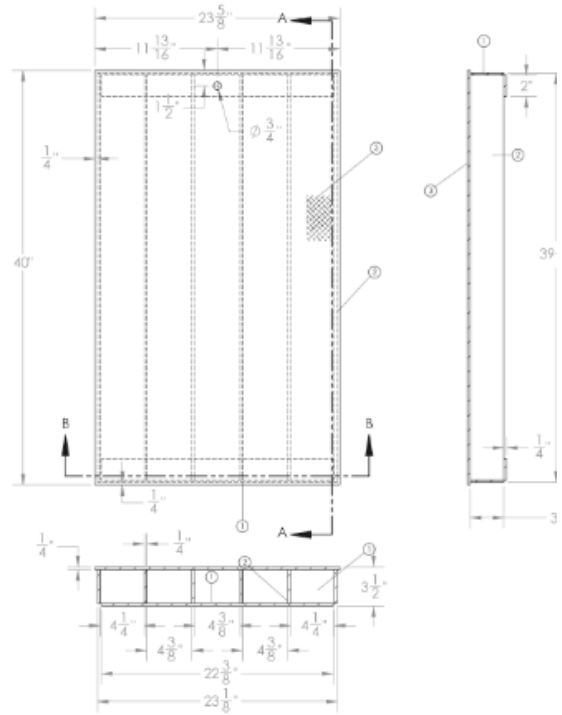
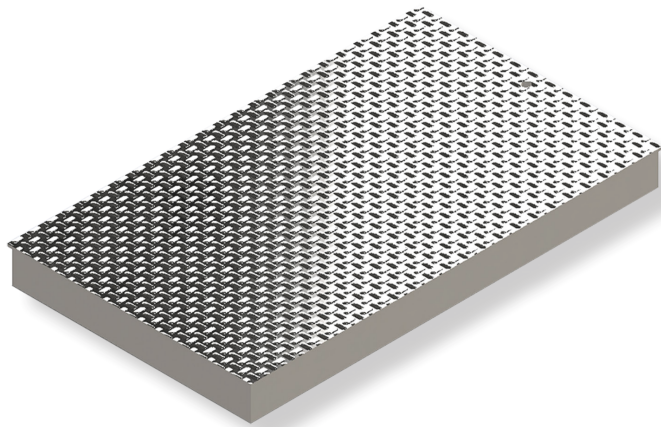
HATCH AND FRAME SET



C-0004



TYPE 24-13 SOLID COVER



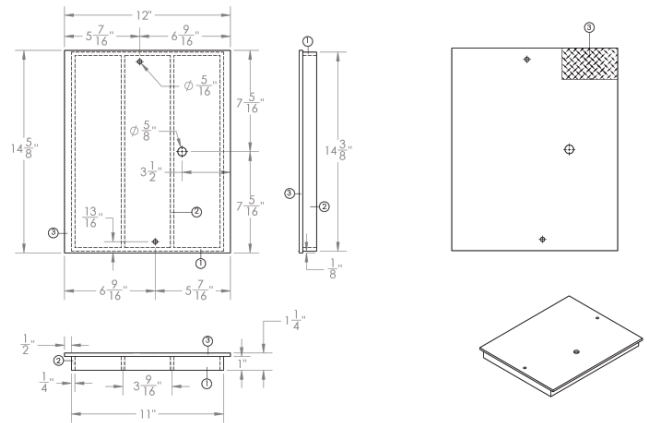
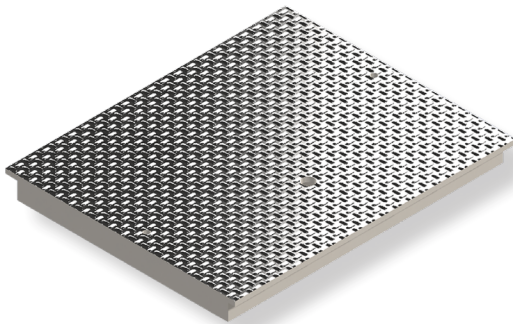
C-0005

OLD CASTLE COVERS

12X12 COVER

FINISHES:

- Raw Mill
- Black
- HDG

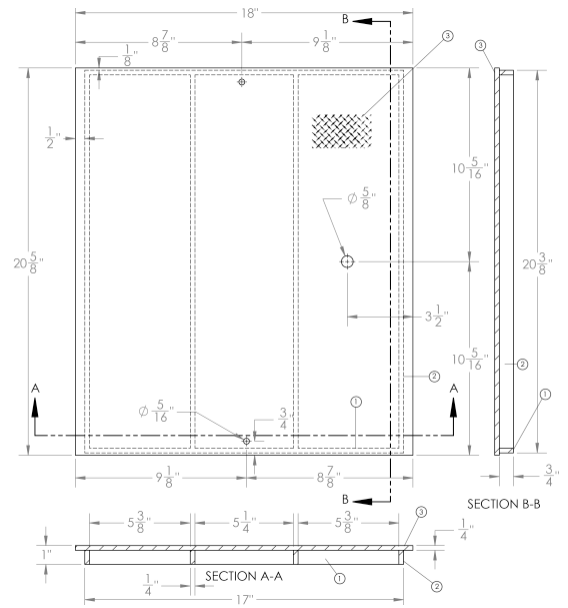
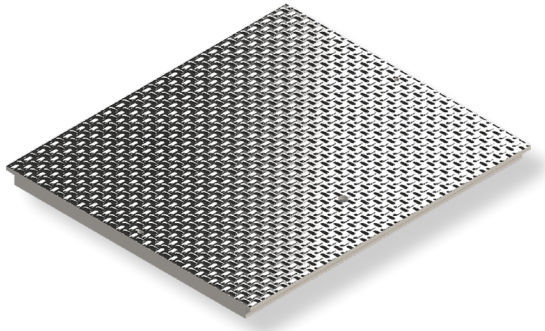


C-0006

18X18 COVER

FINISHES:

- Raw Mill
- Black
- HDG

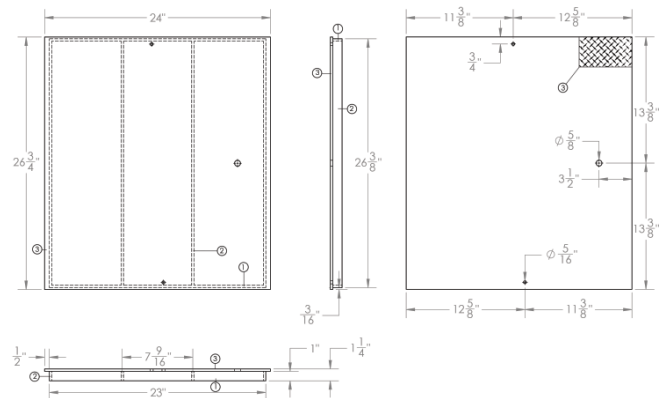
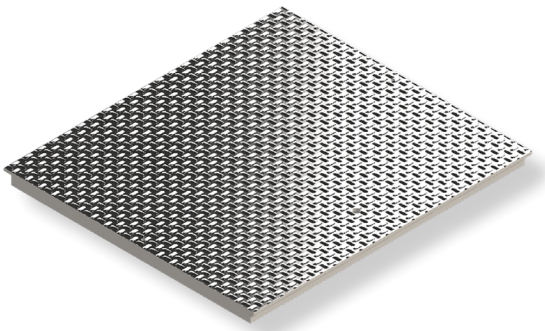


C-0007

24X24 COVER

FINISHES:

- Raw Mill
- Black
- HDG

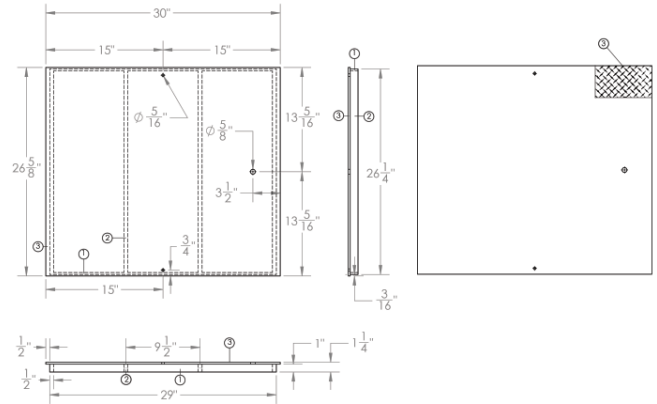
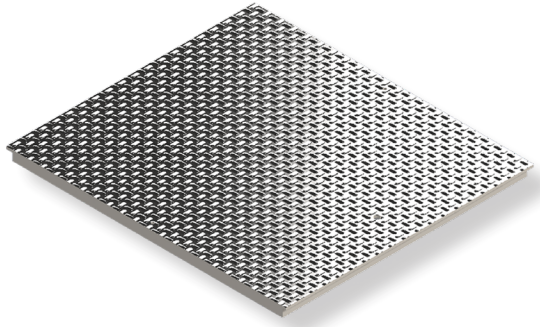


C-0008

24X30 COVER

FINISHES:

- Raw Mill
- Black
- HDG

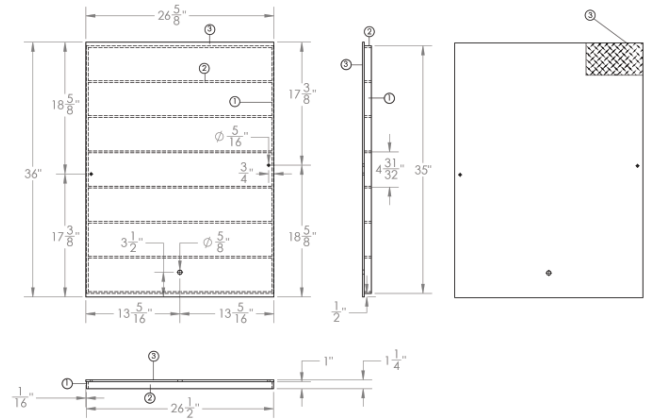
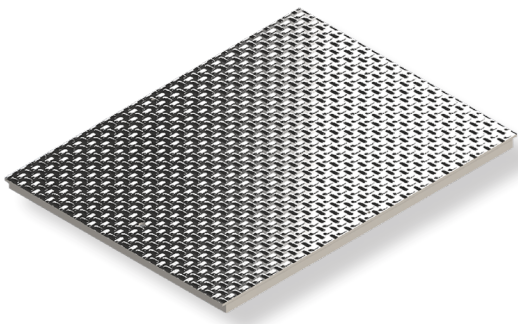


C-0009

24X36 COVER

FINISHES:

- Raw Mill
- Black
- HDG

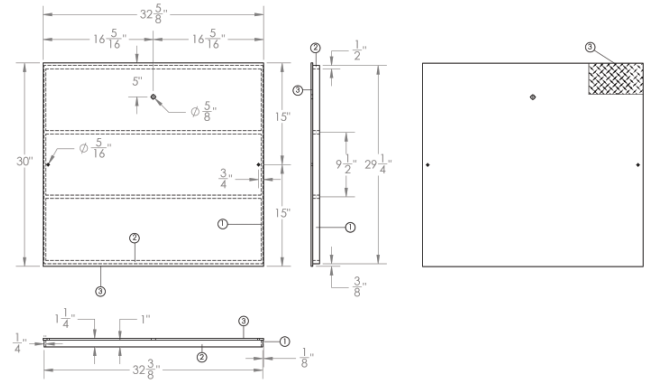
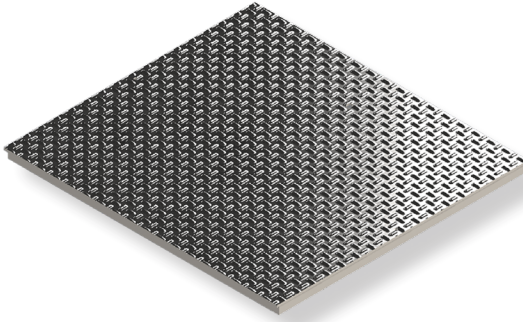


C-0010

30X30 COVER

FINISHES:

- Raw Mill
- Black
- HDG

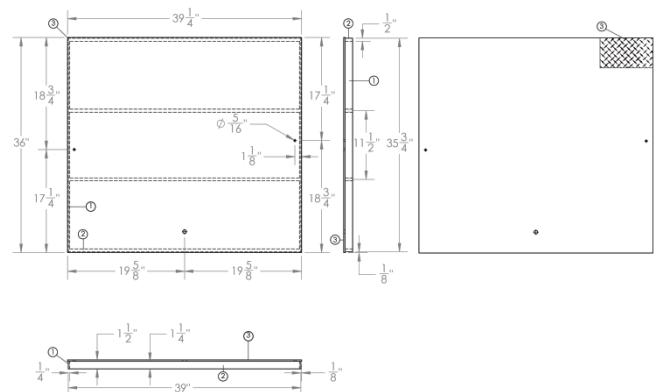
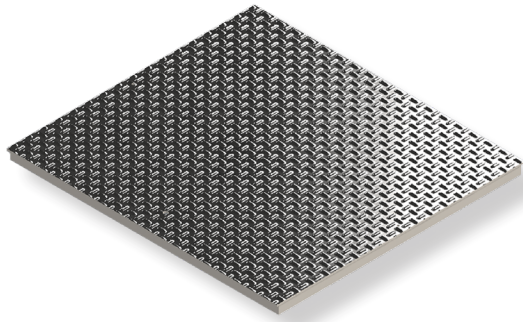


C-0011

36X36 COVER

FINISHES:

- Raw Mill
- Black
- HDG

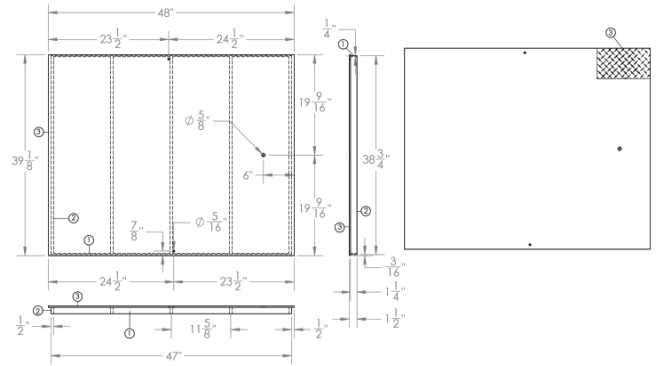
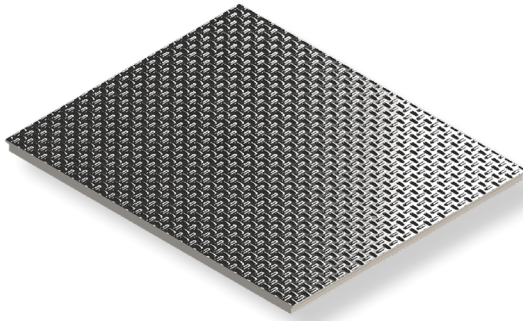


C-0012

36X48 COVER

FINISHES:

- Raw Mill
- Black
- HDG

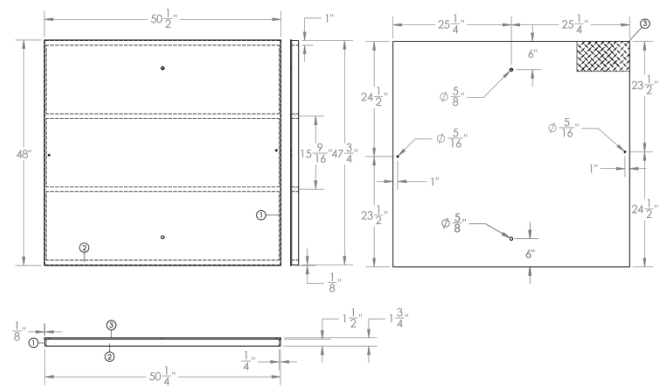
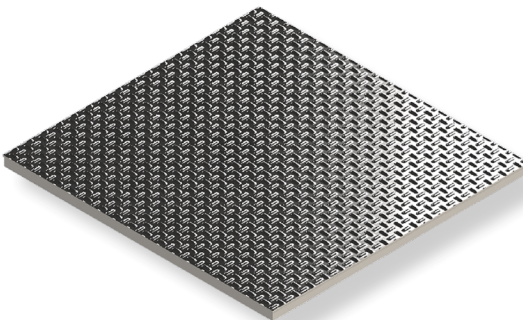


C-0013

48X48 COVER

FINISHES:

- Raw Mill
- Black
- HDG

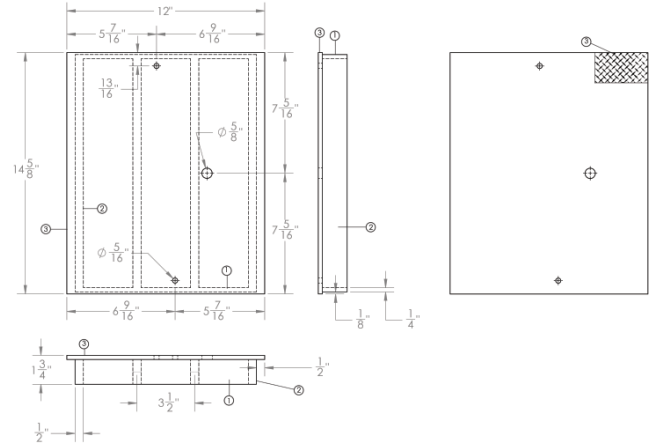
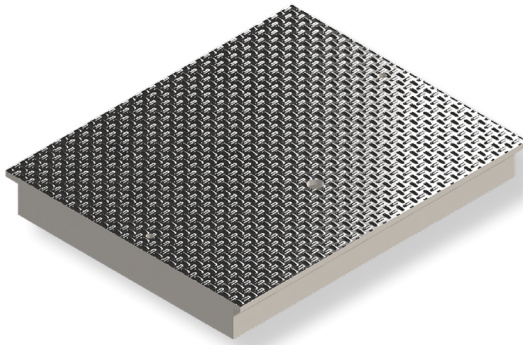


C-0014

12X12 COVER

FINISHES:

- Raw Mill
- Black
- HDG

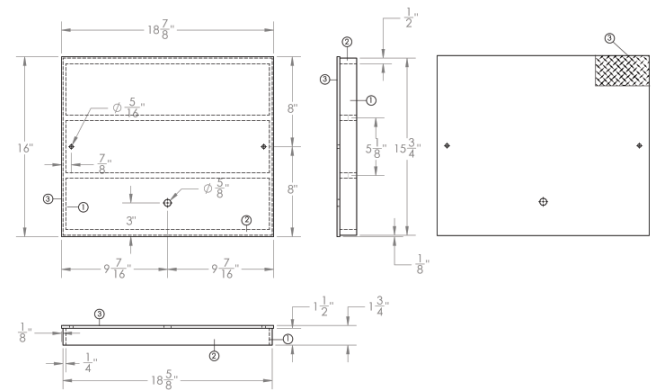
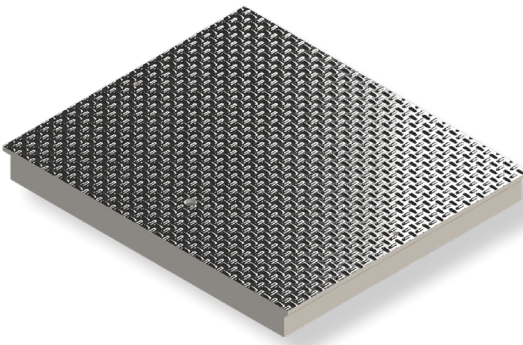


C-0015

16X16 COVER

FINISHES:

- Raw Mill
- Black
- HDG

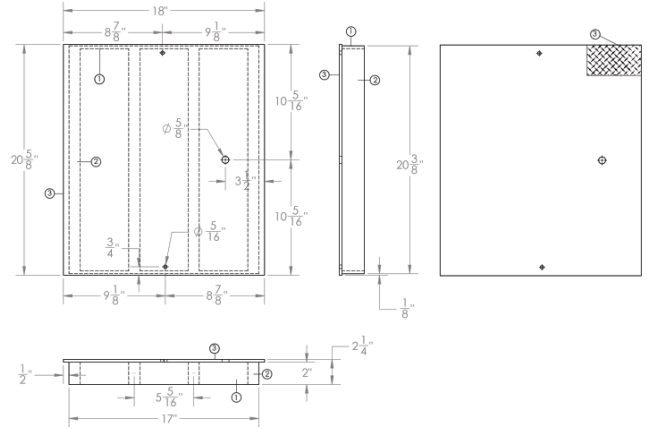
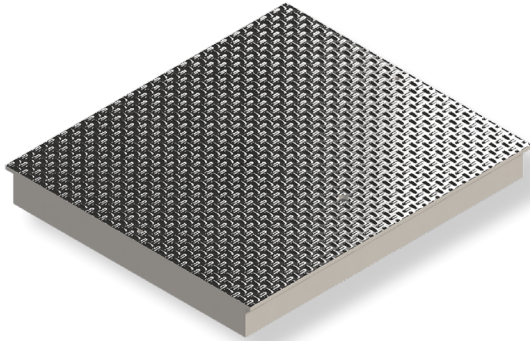


C-0016

18X18 COVER

FINISHES:

- Raw Mill
- Black
- HDG

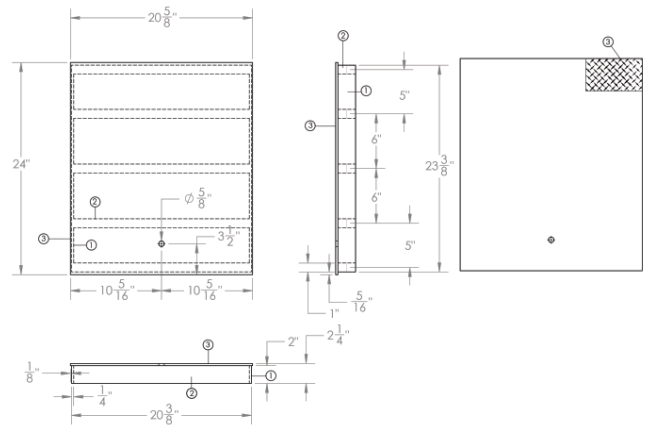
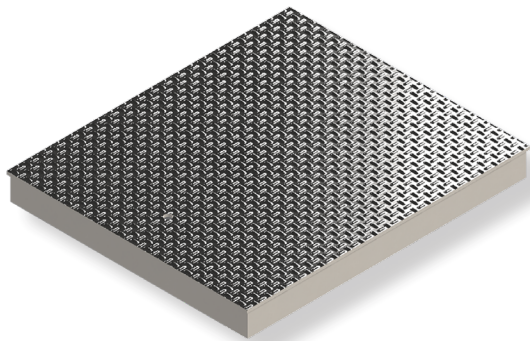


C-0017

18X24 COVER

FINISHES:

- Raw Mill
- Black
- HDG

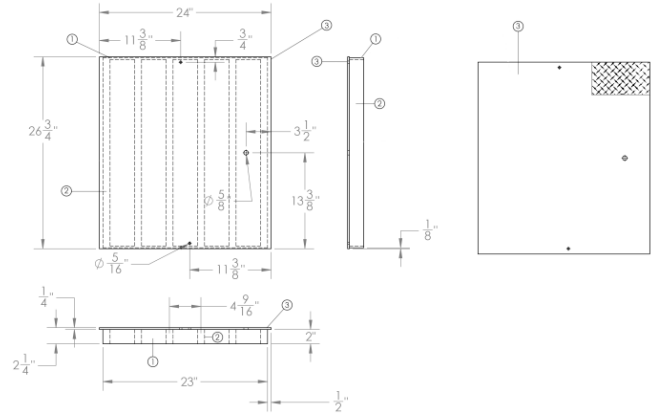
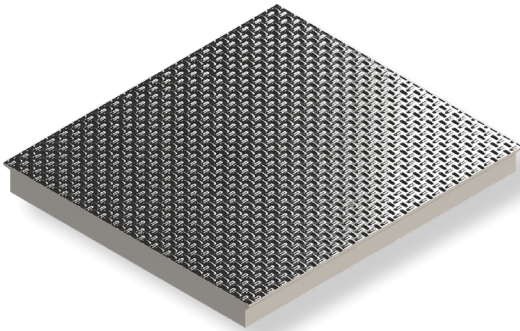


C-0018

24X24 COVER

FINISHES:

- Raw Mill
- Black
- HDG

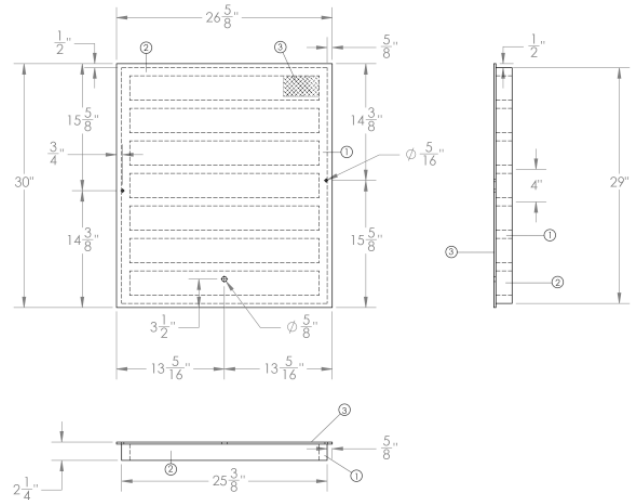
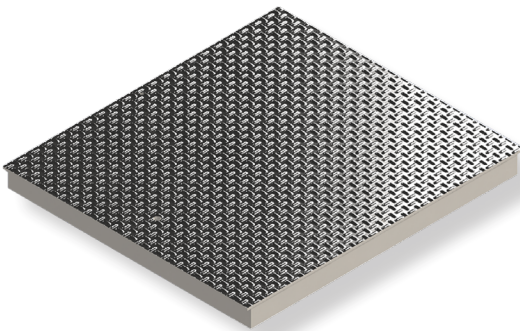


C-0019

24X30 COVER

FINISHES:

- Raw Mill
- Black
- HDG

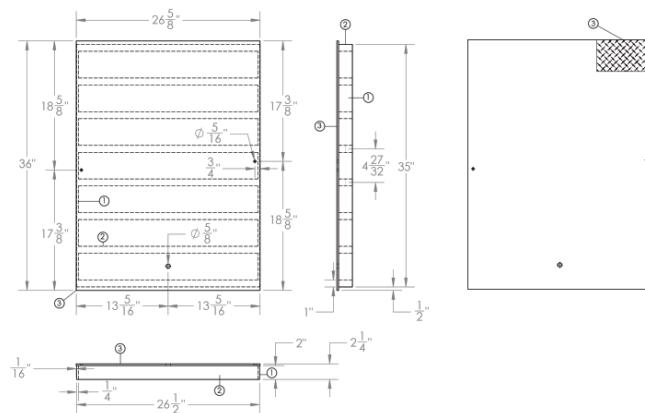
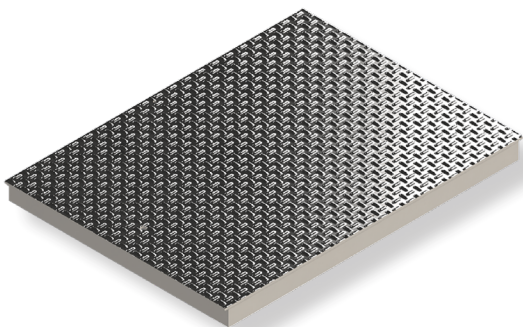


C-0020

24X36 COVER

FINISHES:

- Raw Mill
- Black
- HDG

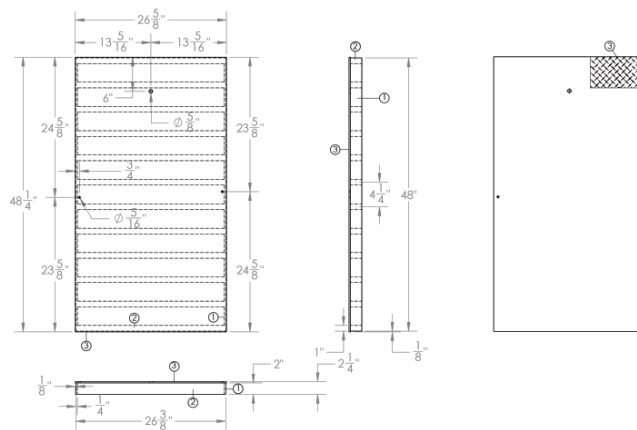
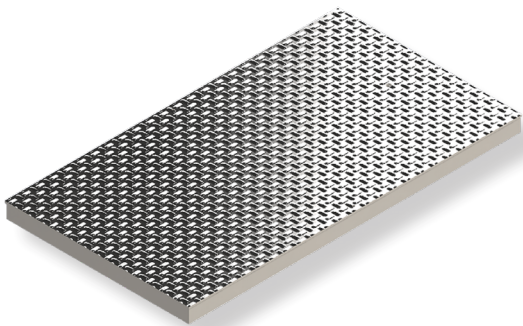


C-0021

24X48 COVER

FINISHES:

- Raw Mill
- Black
- HDG

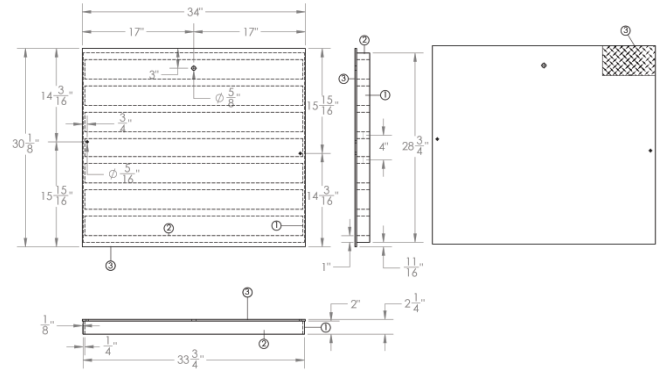
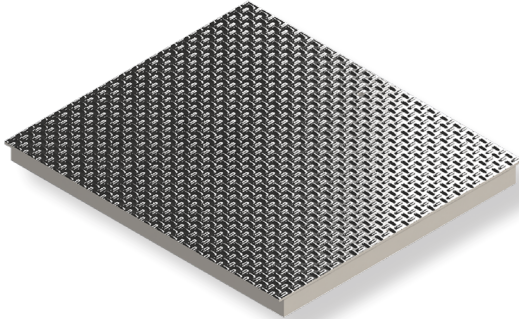


C-0022

30X30 COVER

FINISHES:

- Raw Mill
- Black
- HDG

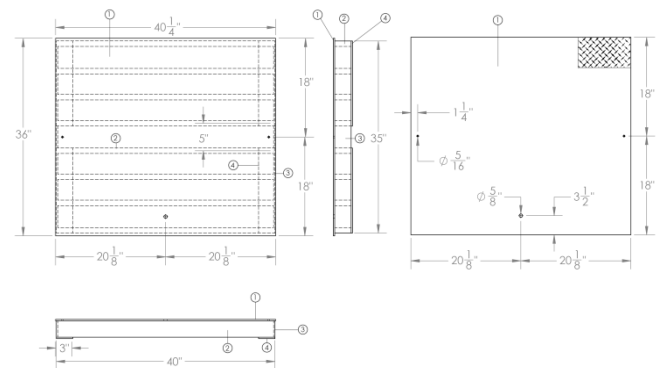
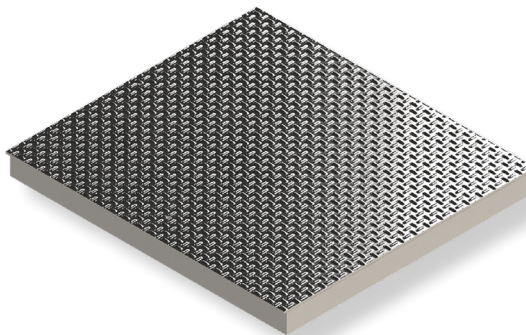


C-0023

36X36 COVER

FINISHES:

- Raw Mill
- Black
- HDG

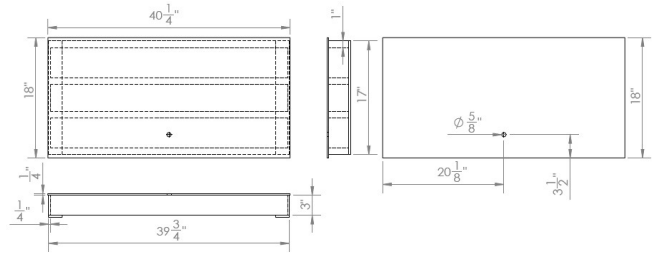
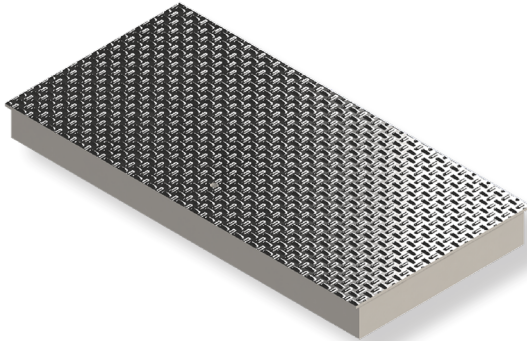


C-0024

36X36 COVER (2PC)

FINISHES:

- Raw Mill
- Black
- HDG

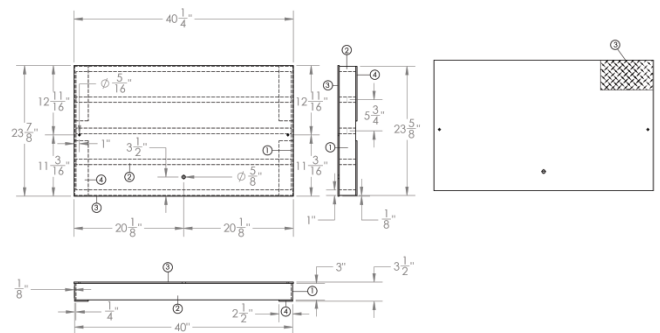
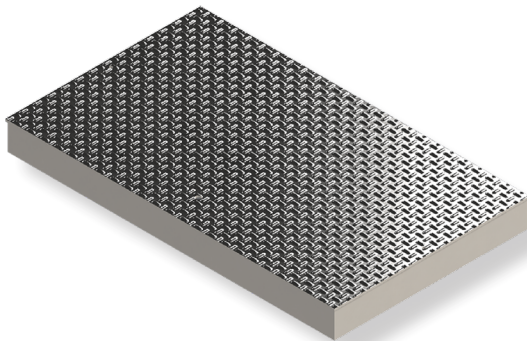


C-0025

36X48 COVER

FINISHES:

- Raw Mill
- Black
- HDG

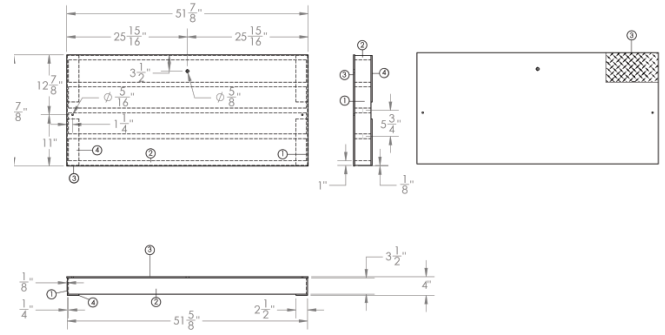
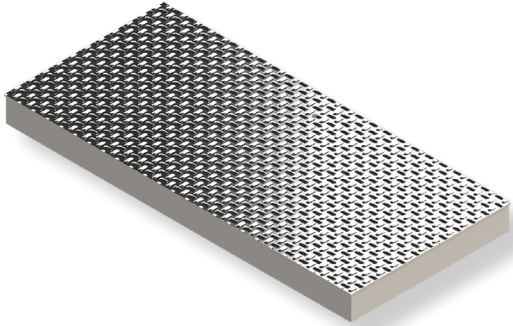


C-0026

48X48 COVER (2 PC)

FINISHES:

- Raw Mill
- Black
- HDG

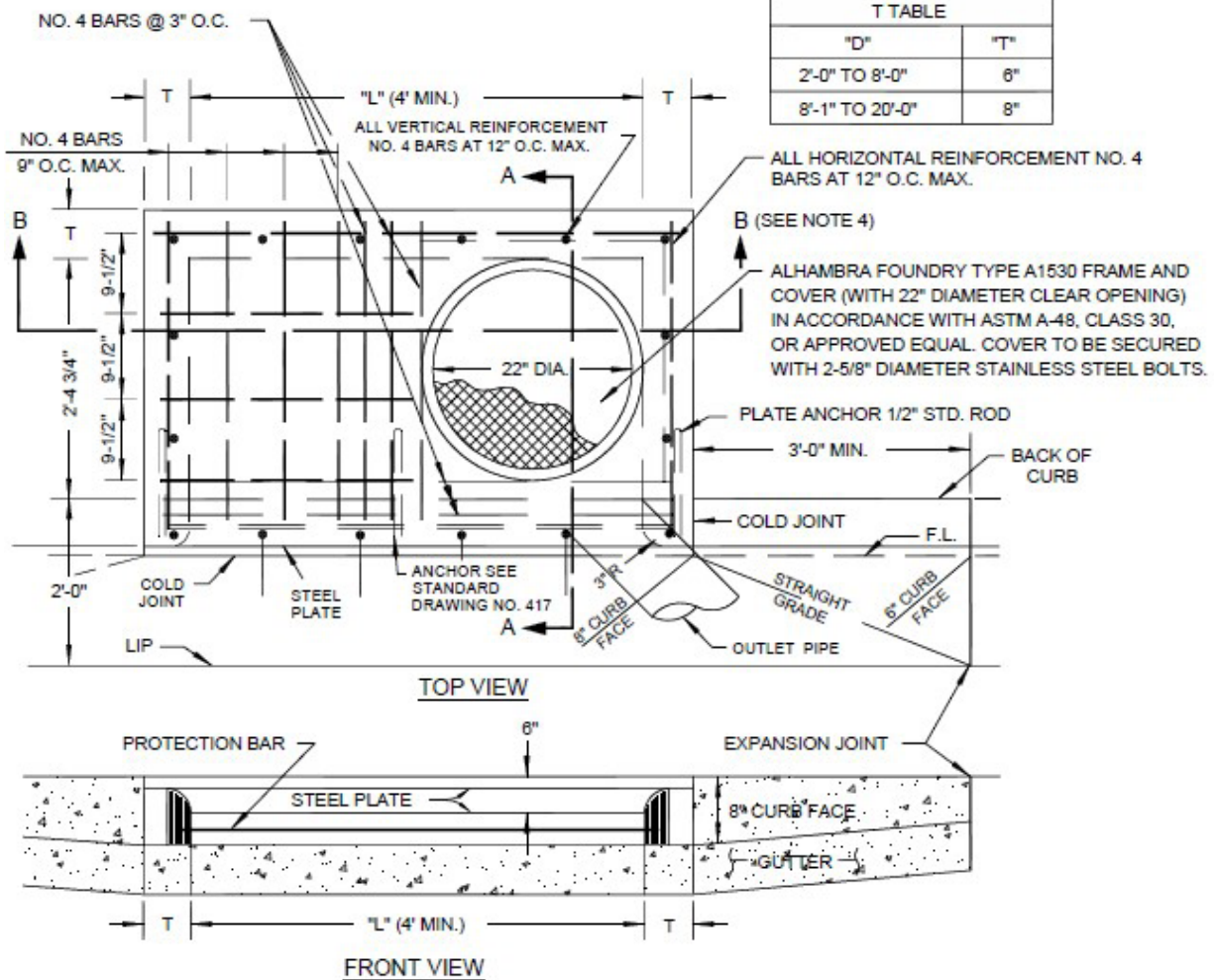
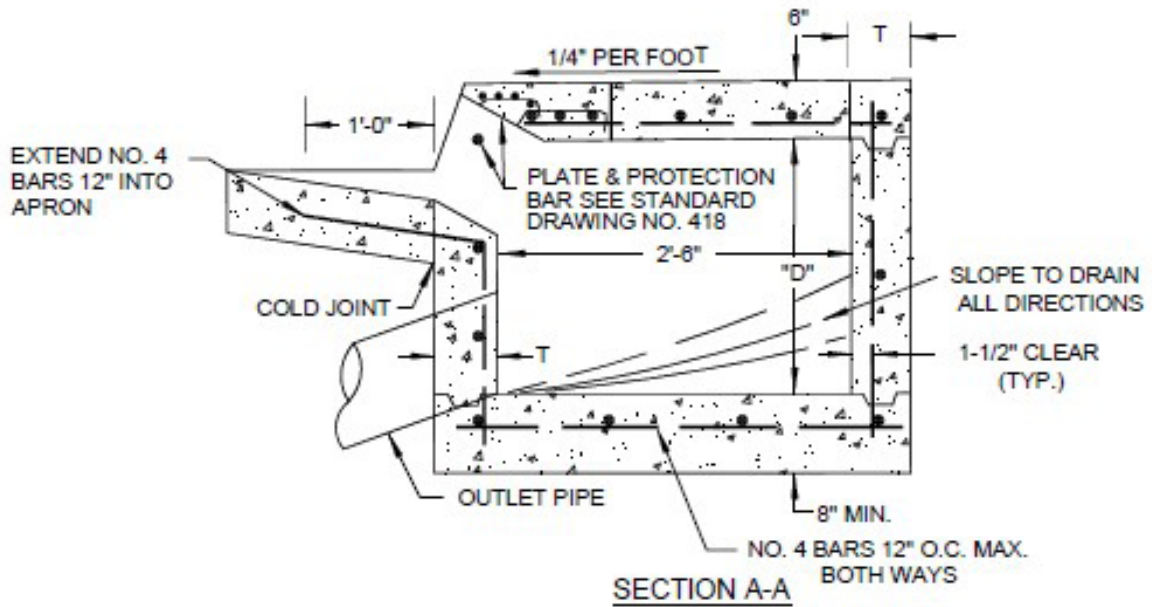


C-0027

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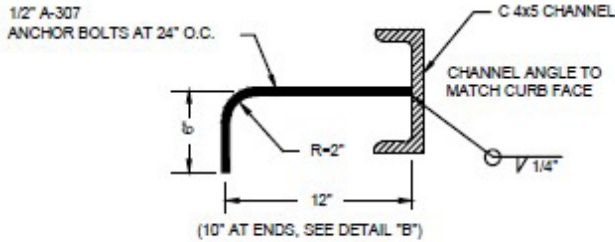
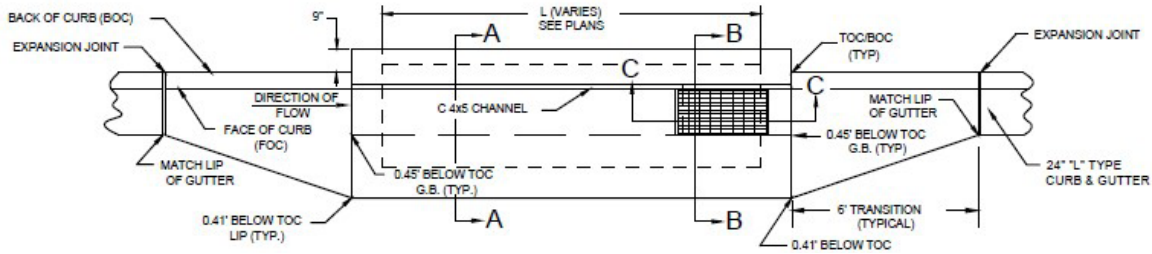
CLARK COUNTY DROP INLETS

4

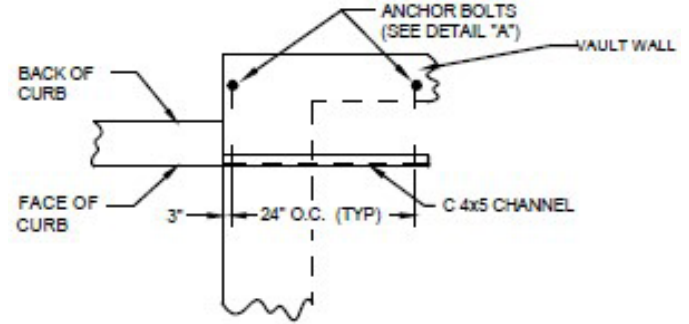


T TABLE	
"D"	"T"
2'-0" TO 8'-0"	6"
8'-1" TO 20'-0"	8"

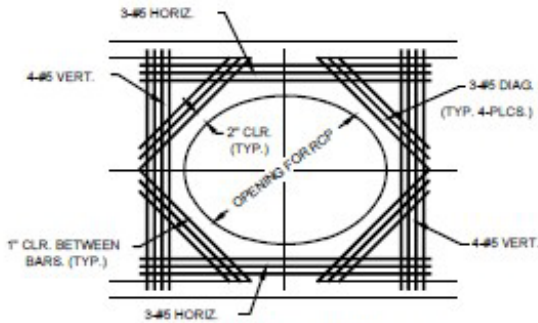
D-0001



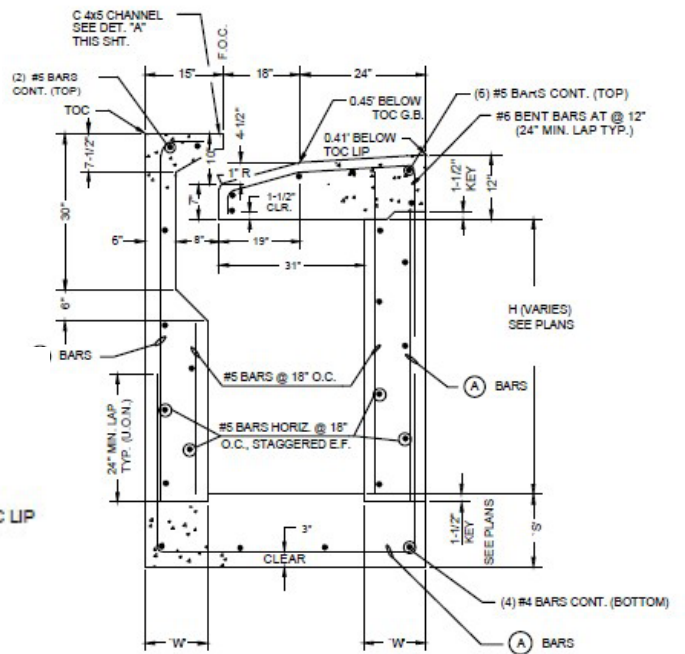
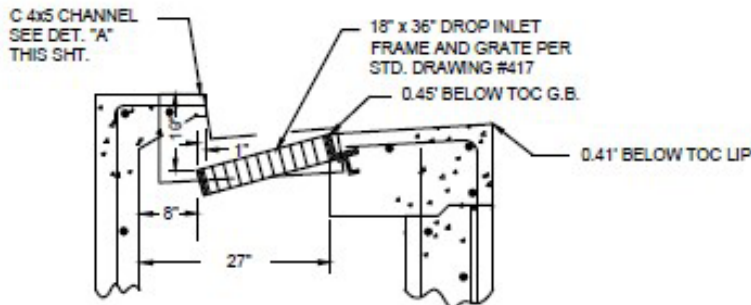
DETAIL "A"



DETAIL "B"

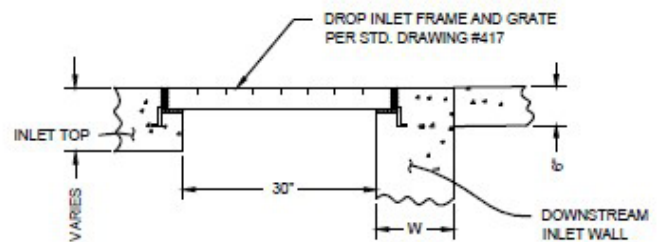


PIPE AND DROP INLET JUNCTION WALL DETAIL



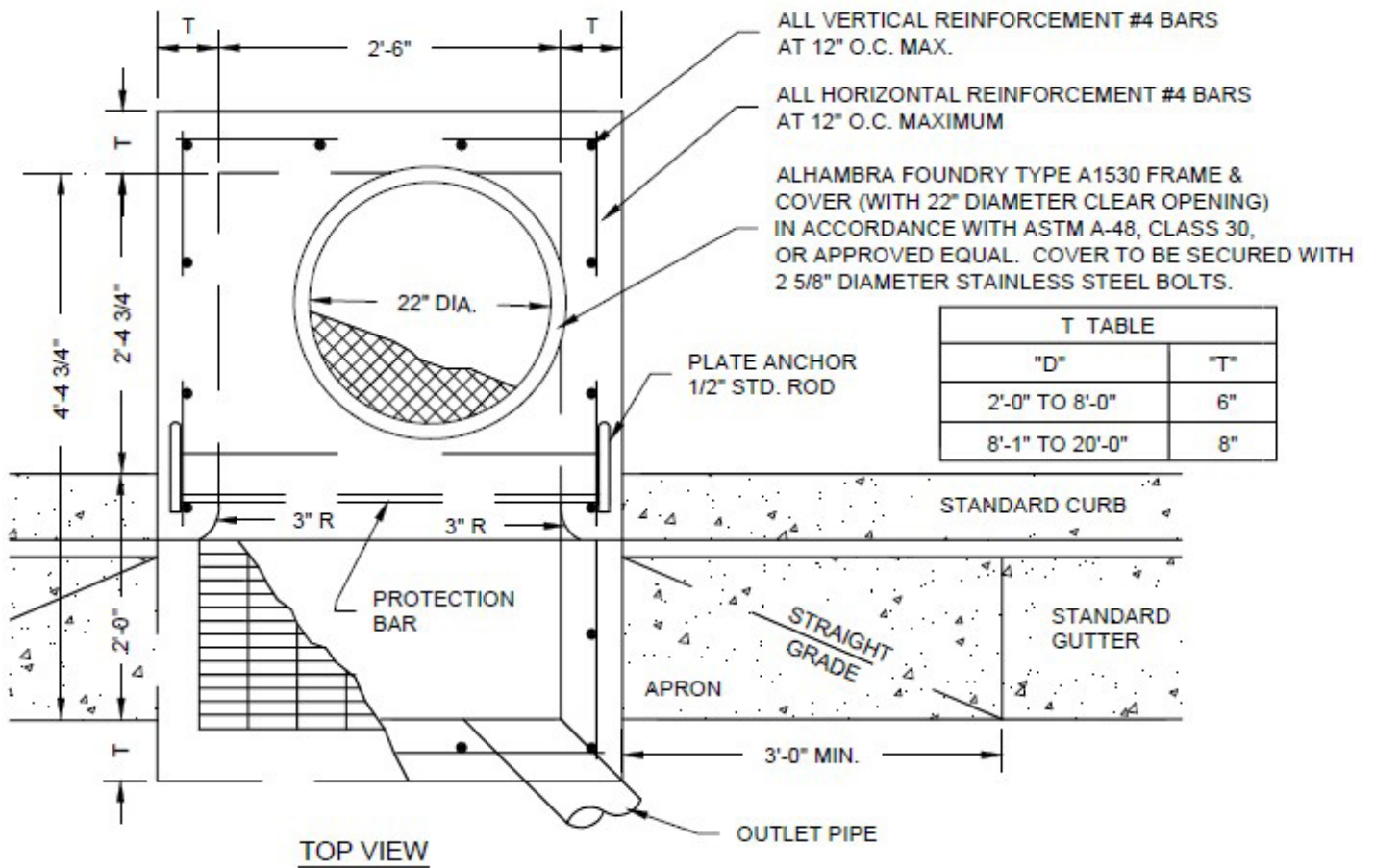
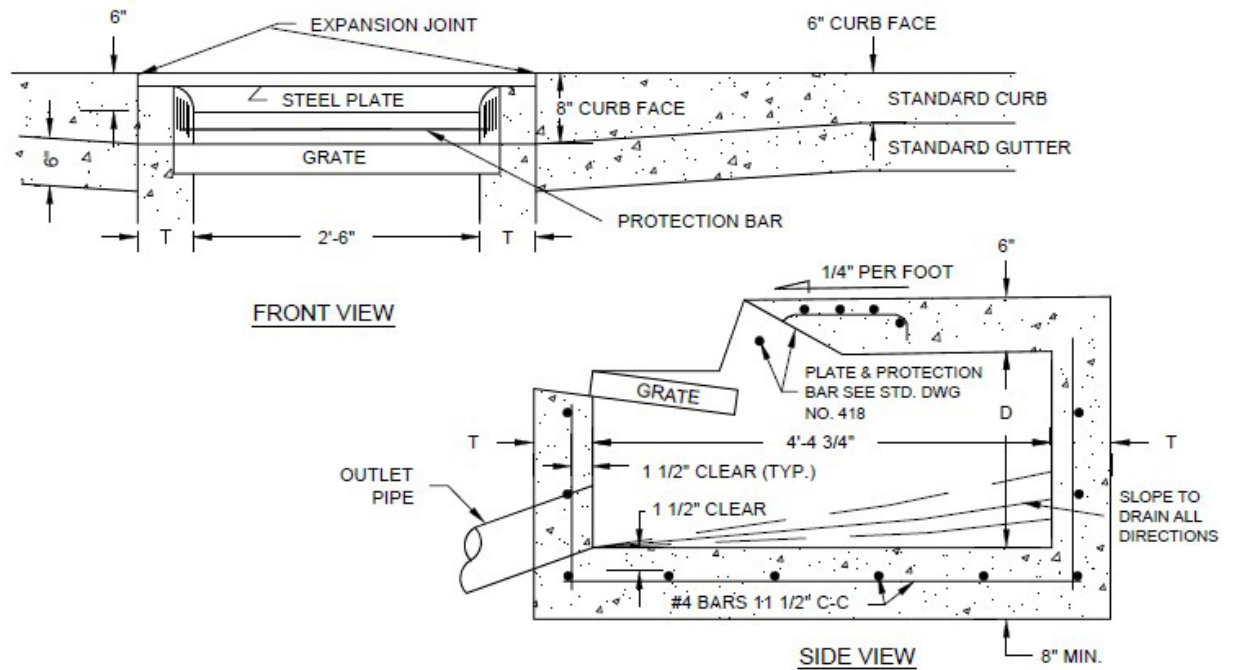
H (MAX)	SLAB	WALLS		
	DIM. 'S'	DIM. 'W'	(A) BARS	(B) BARS
4'-0"	8"	8"	#4 @ 10" O.C.	#5 @ 12" O.C.
6'-0"	8"	8"	#5 @ 12" O.C.	#5 @ 12" O.C.
8'-0"	8"	9"	#5 @ 12" O.C.	#5 @ 12" O.C.
10'-0"	8"	9"	#6 @ 12" O.C.	#5 @ 12" O.C.

SECTION A-A

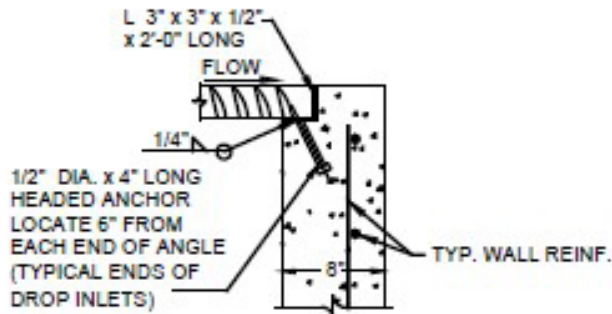


SECTION C-C

D-0002

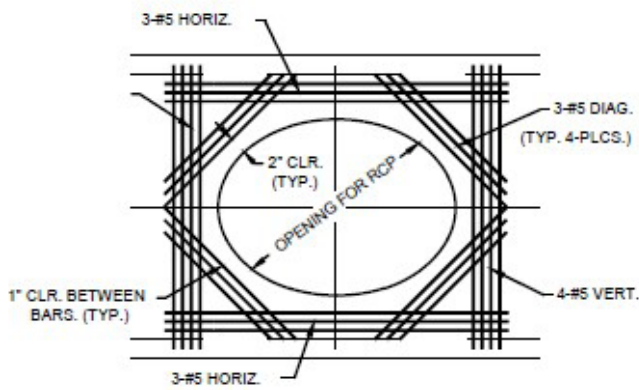


D-0003

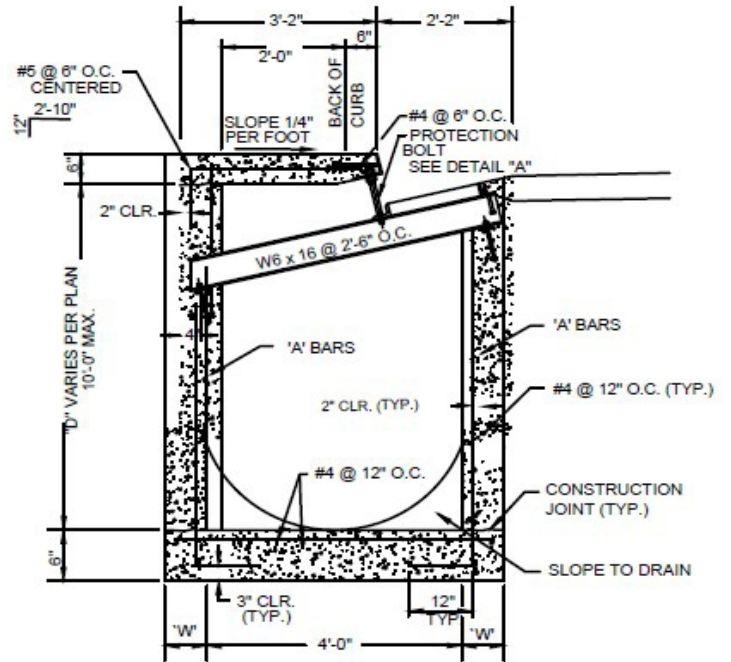


SECTION "B"

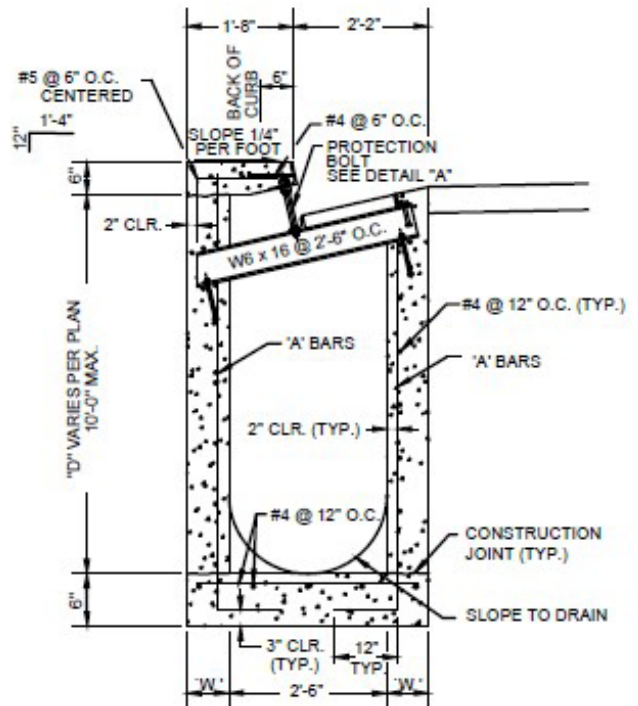
D (MAX)	DIM. "W"	(A) BARS
4'-0"	6"	#4 @ 12" O.C.
6'-0"	6"	#4 @ 12" O.C.
8'-0"	8"	#5 @ 12" O.C.
10'-0"	8"	#5 @ 6" O.C.



SECTION "A"

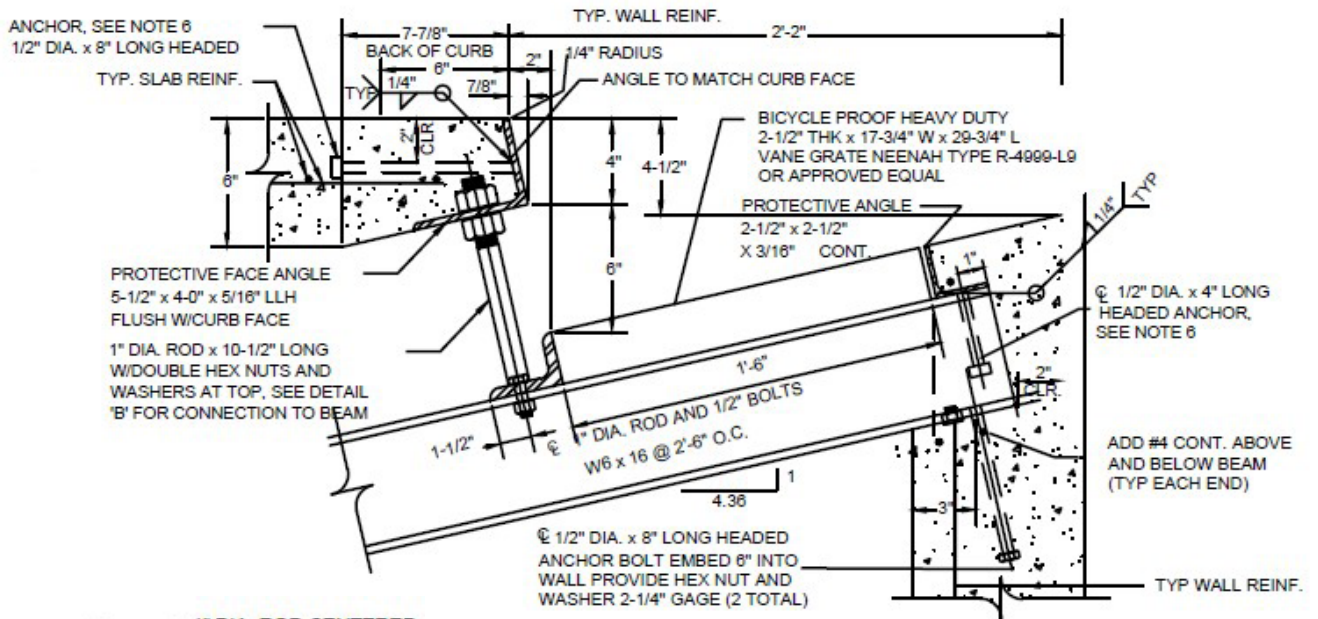


TYPE "CM2" DROP INLET SECTION

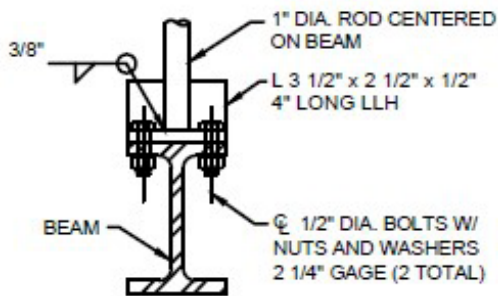


TYPE "DM2" DROP INLET SECTION

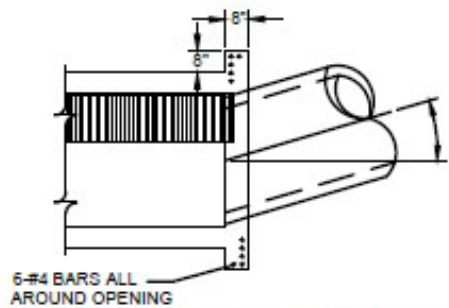
D-0004



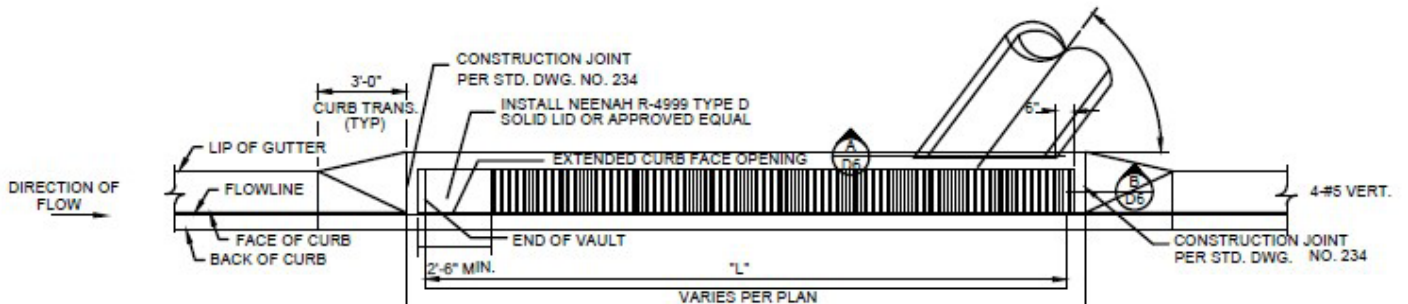
PROTECTIVE FACE & ROD - DETAIL "A"



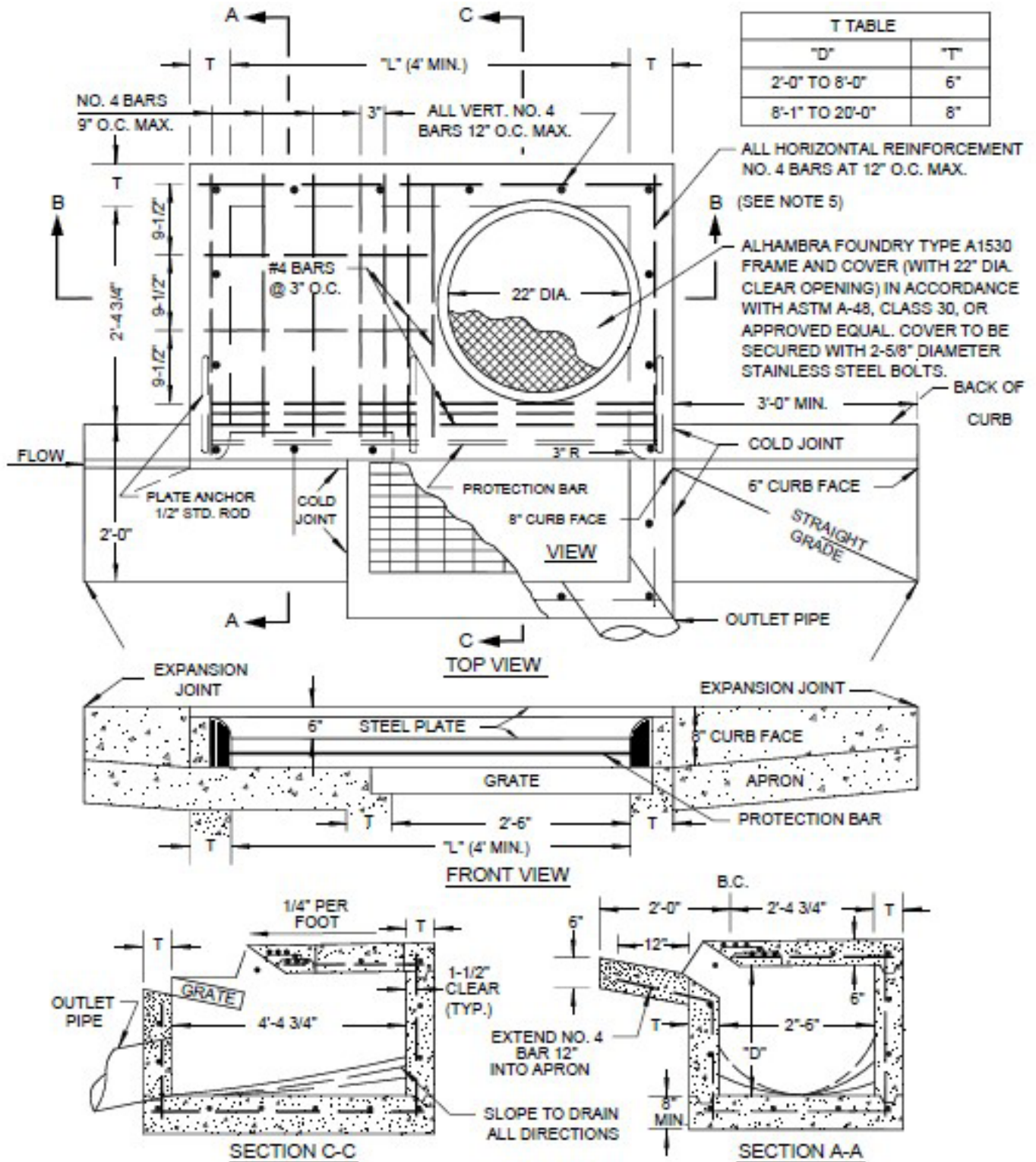
DETAIL "B"



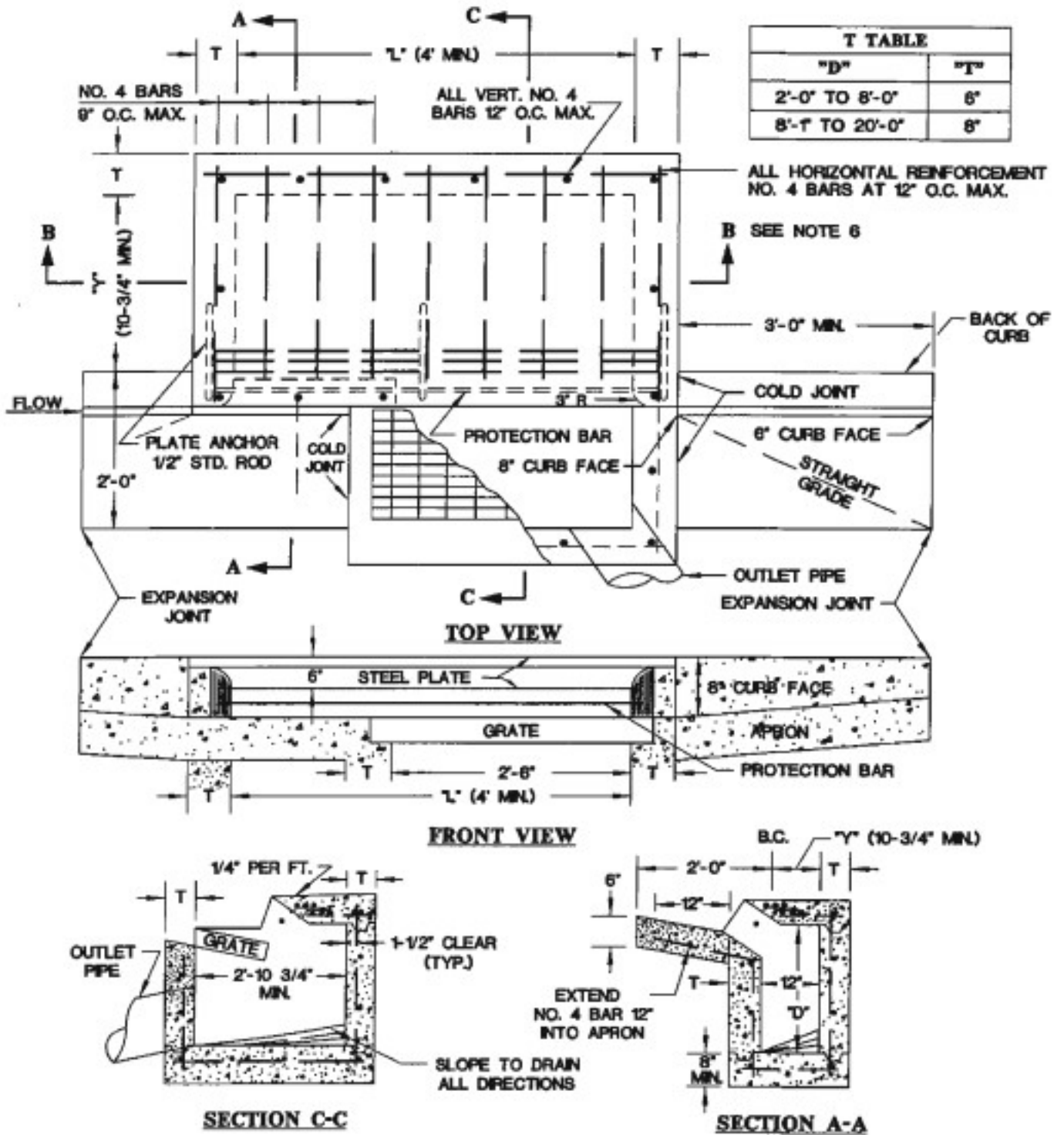
ALTERNATE CONNECTION DETAIL



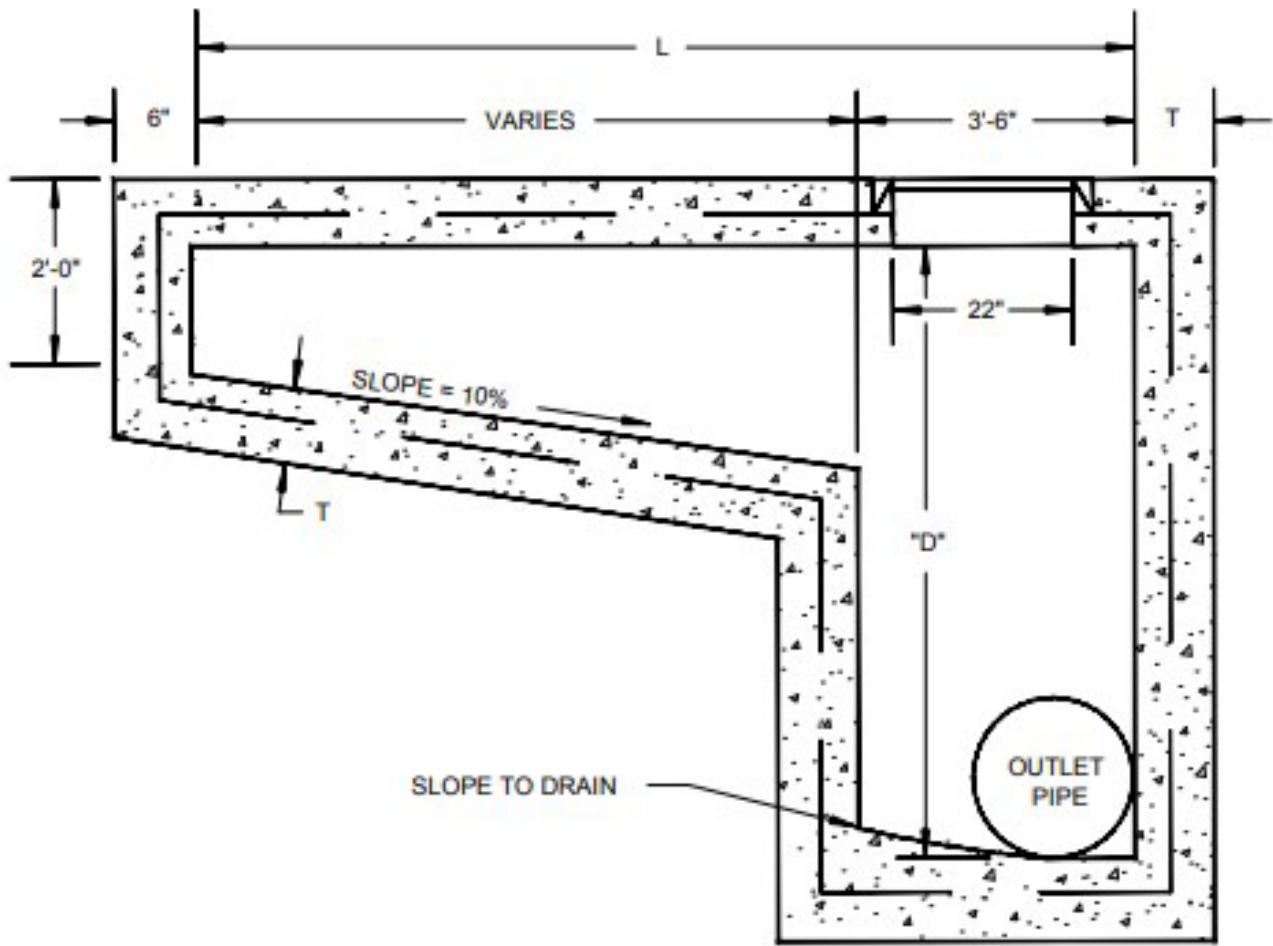
DROP INLET LAYOUT PLAN



D-0005



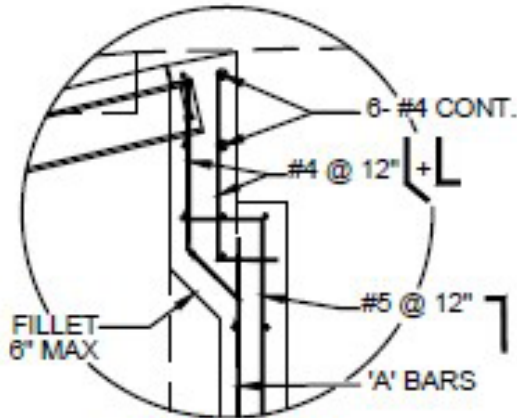
D-0006



SECTION B-B

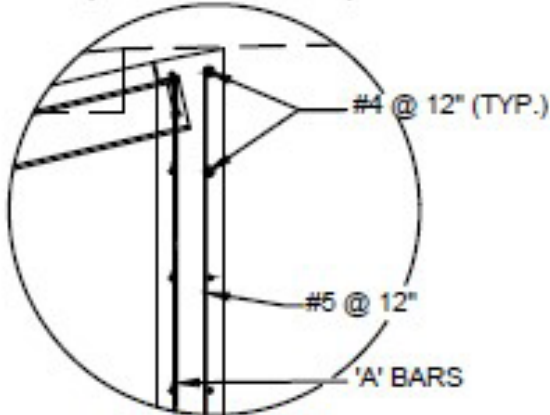
T TABLE	
"D"	"T"
2'-0" TO 8'-0"	6"
8'-1" TO 20'-0"	8"

D-0007



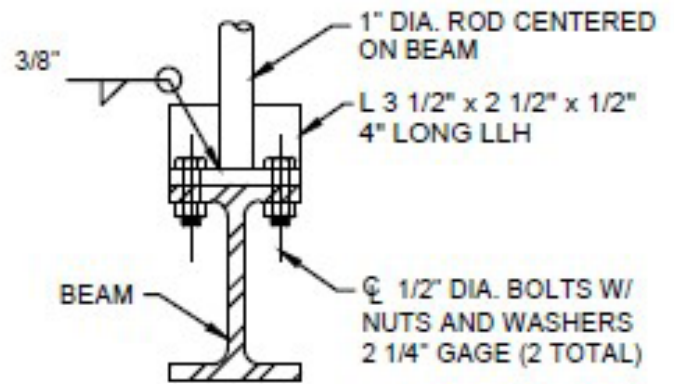
DETAIL "C"

(1'-8" TO 2'-2" WIDTH)

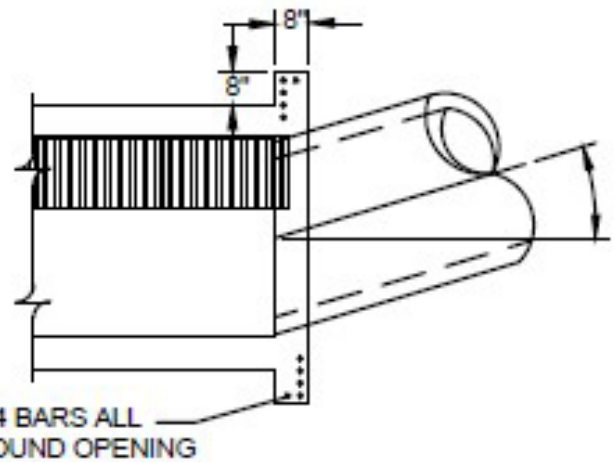


DETAIL "C"

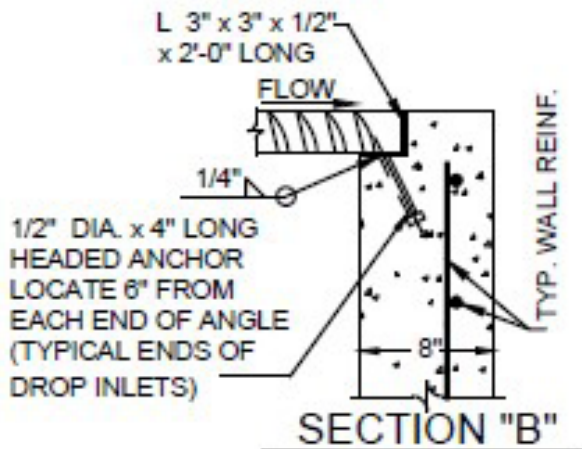
(1'-8" WIDTH)



DETAIL "B"



ALTERNATE CONNECTION DETAIL

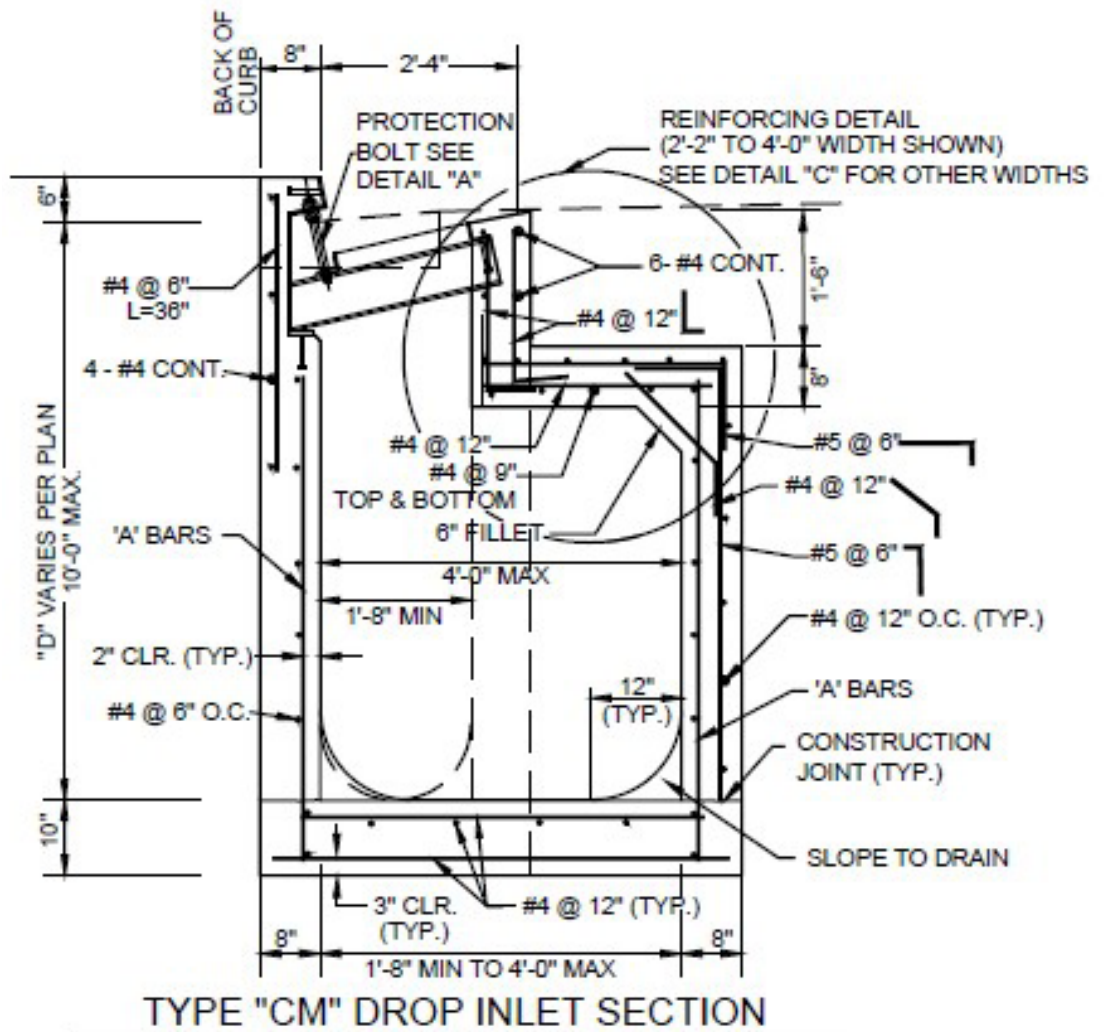
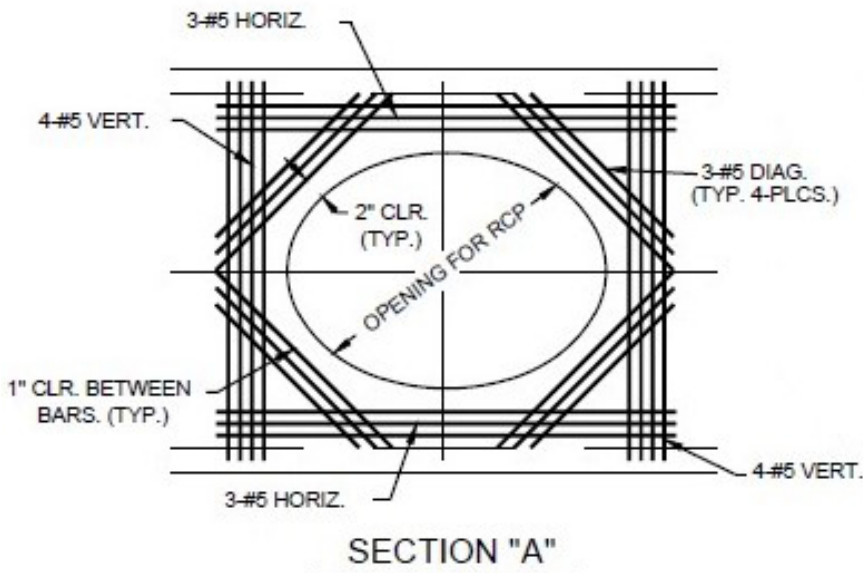


SECTION "B"

TYP. WALL REINF.

D (MAX)	DIM. 'W'	(A) BARS
4'-0"	8"	#5 @ 12" O.C.
6'-0"	8"	#5 @ 12" O.C.
8'-0"	8"	#5 @ 9" O.C.
10'-0"	8"	#5 @ 6" O.C.

D-0008

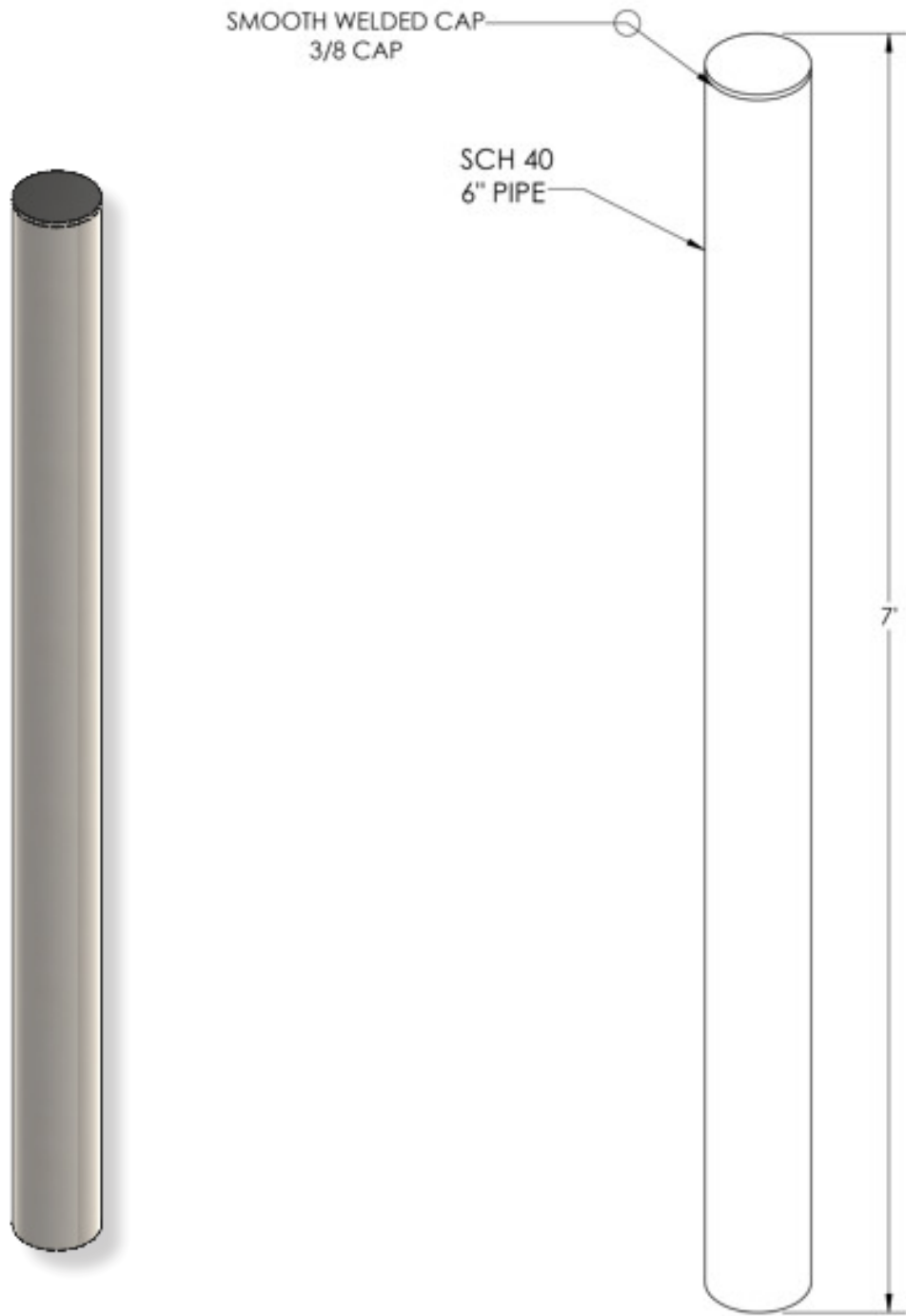




WATERHOUSE PRODUCTS

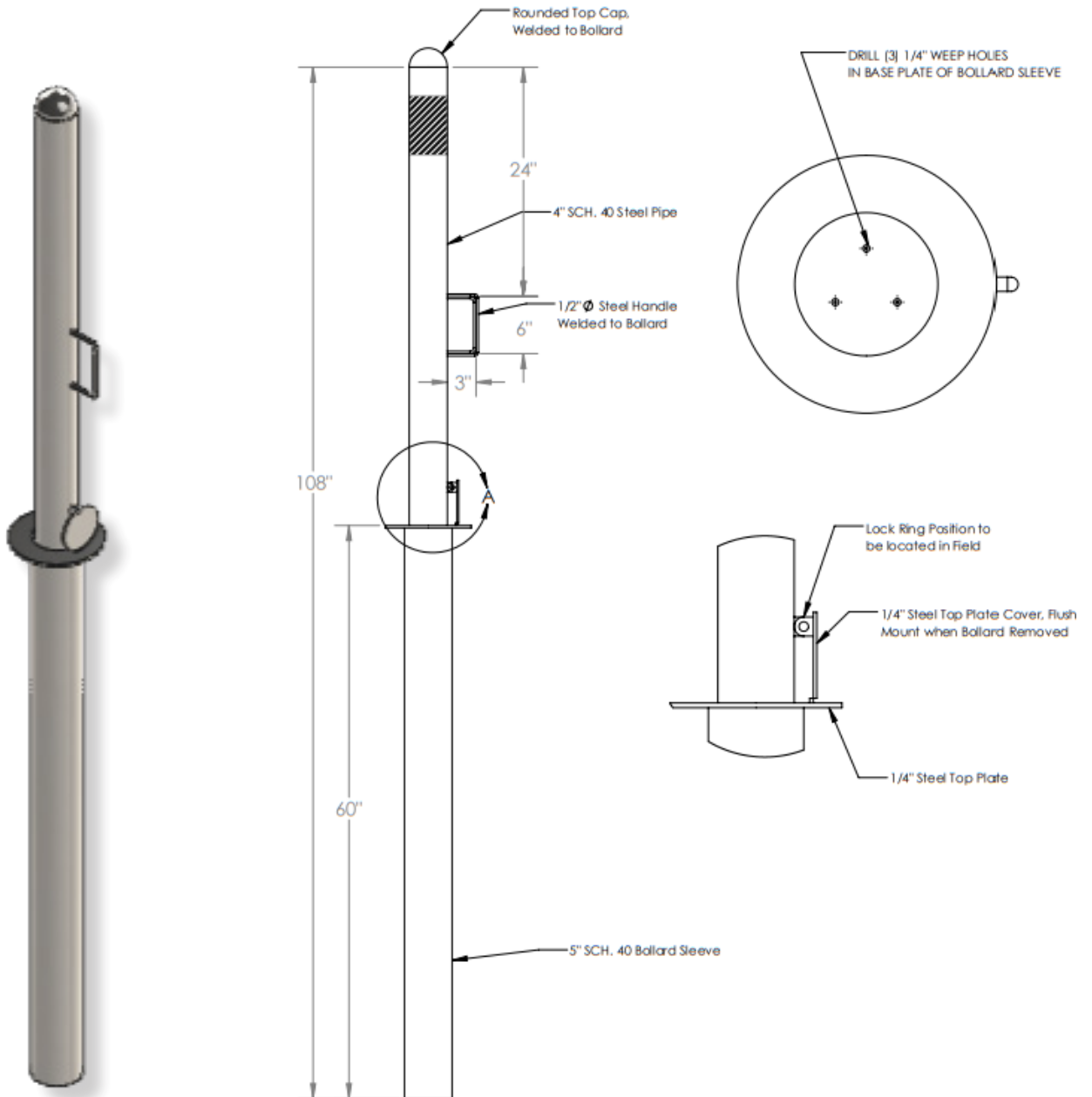
5

STEEL BOLLARD



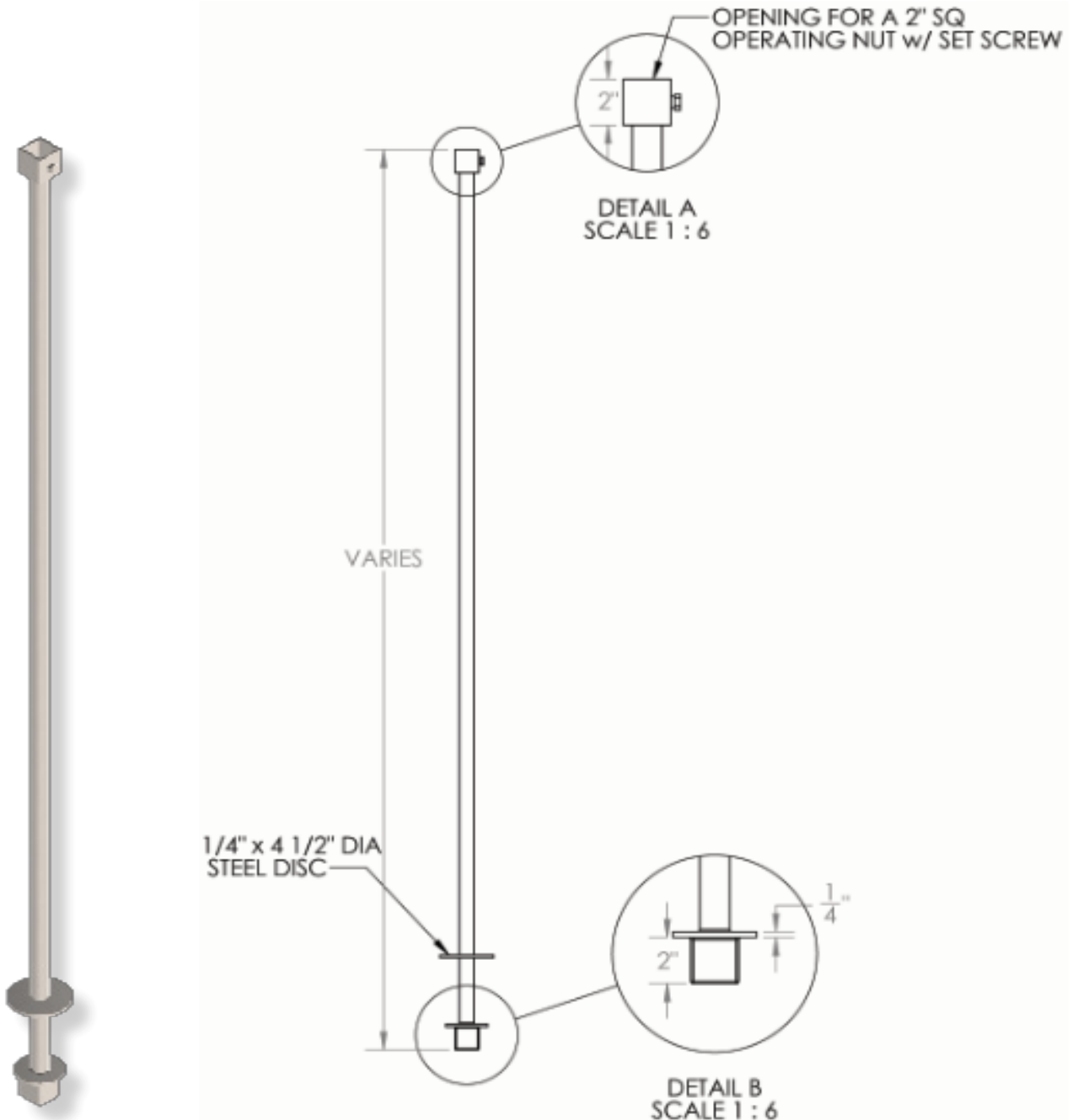
W-0001

REMOVABLE BOLLARD WITH HANDLE



W-0002

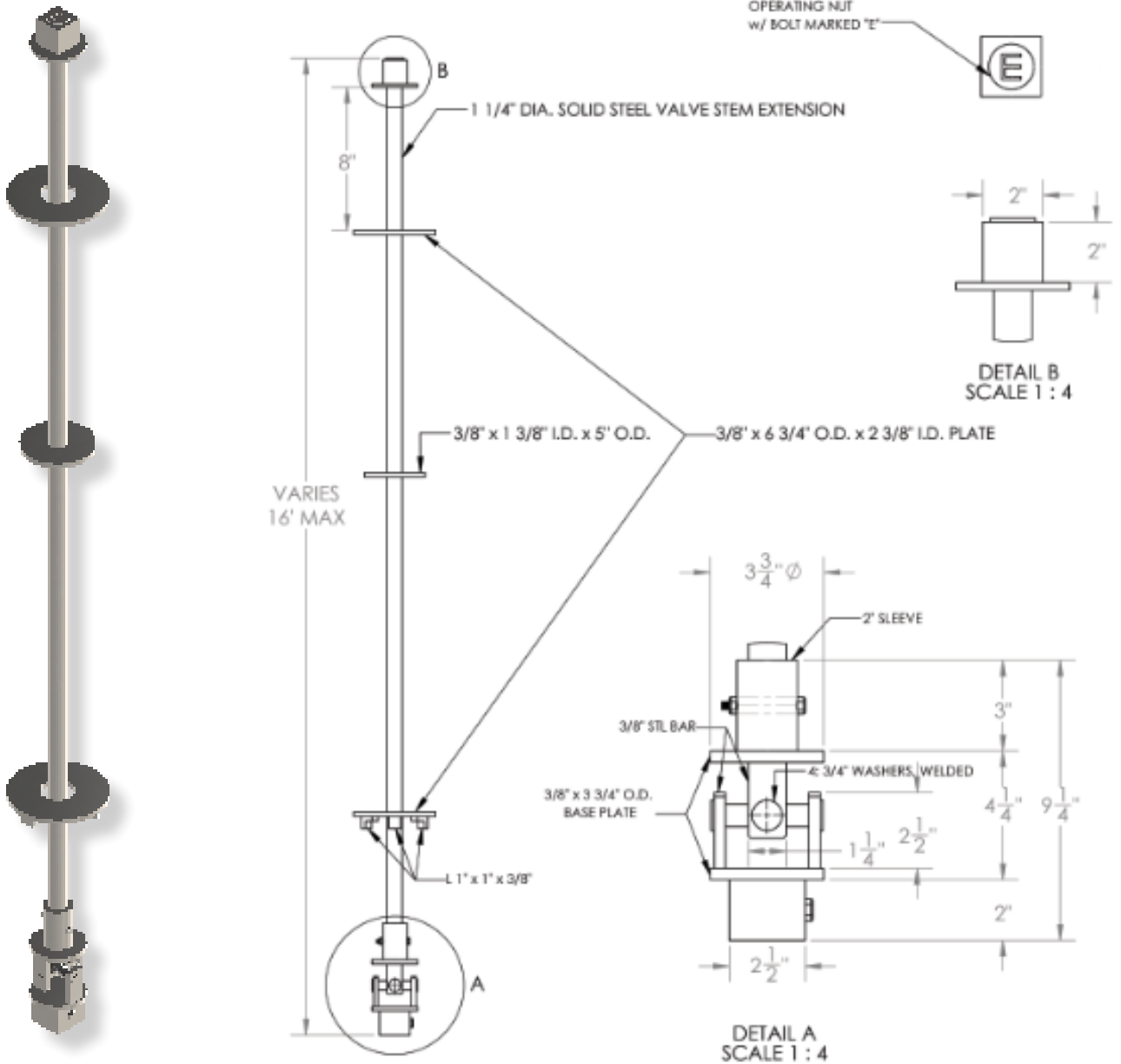
VALVE STEM EXTENSION



W-0003

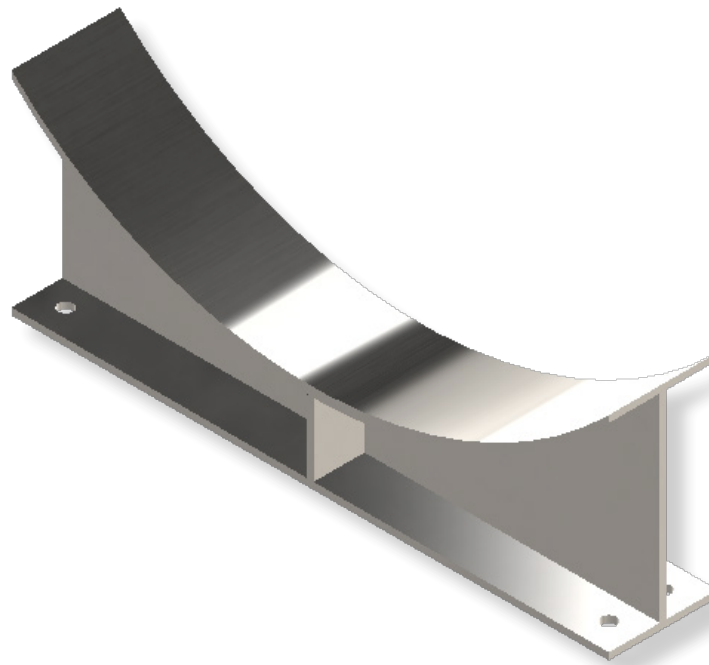
VALVE STEM EXTENSION WITH UNI-JOINT

ALL STEEL: ASTM A36 per 759.02.12.B



W-0004

FLANGE SUPPORT



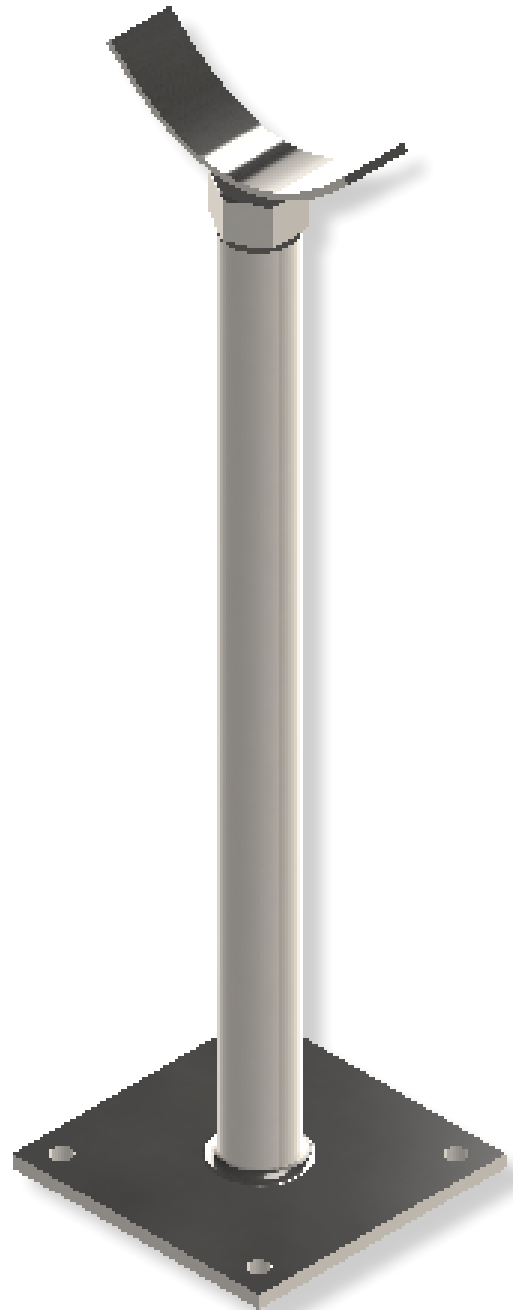
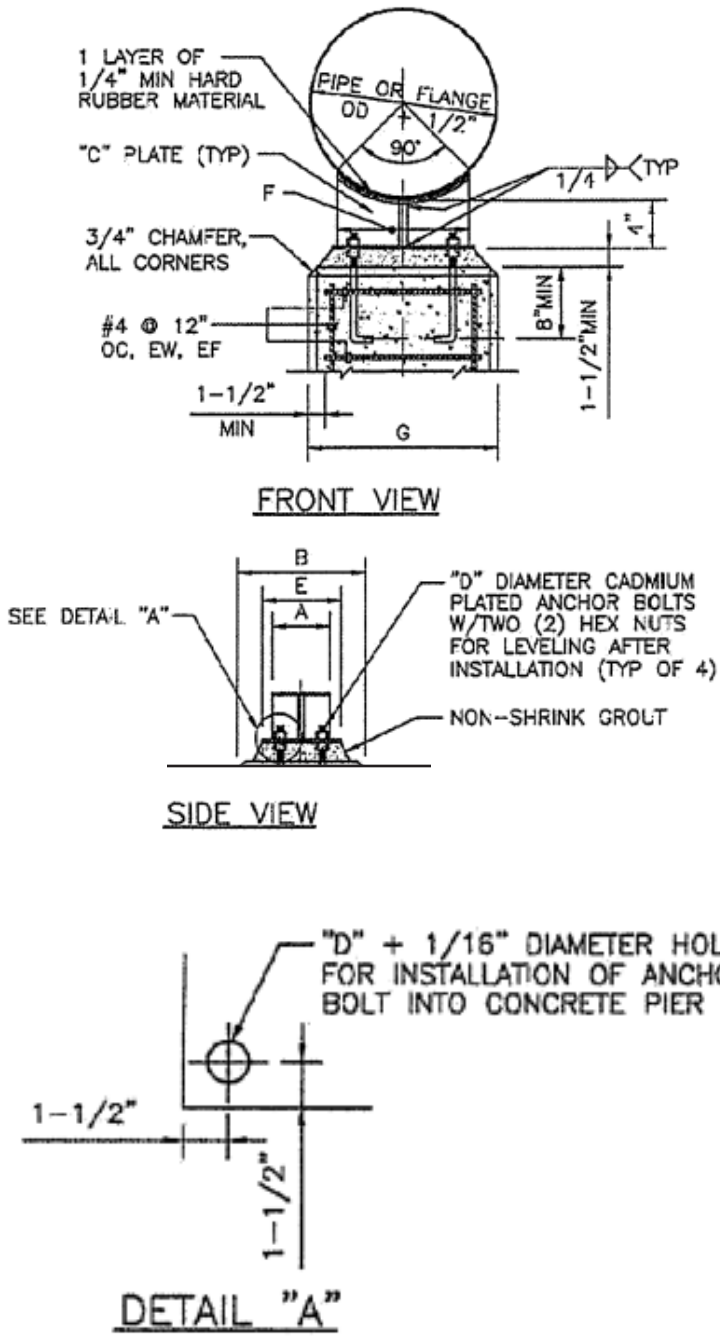
W-0005

PIPE SUPPORT TABLE									
NOMINAL PIPE SIZE						SUPPORTING			
						STL. CYL. PIPE		FLANGE	
	A	B	C	D	E	F	G	F	G
12"	4"	12"	3/8"	5/8"	6"	10"	14"	14"	18"
16"	4"	12"	3/8"	5/8"	6"	12"	16"	17"	21"
18"	4"	12"	3/8"	5/8"	6"	14"	18"	18"	22"
20"	4"	12"	3/8"	5/8"	6"	16"	20"	20"	24"
24"	4"	12"	3/8"	5/8"	6"	19"	23"	23"	27"
30"	5"	12"	3/8"	3/4"	6"	23"	29"	28"	34"
36"	6"	15"	3/8"	3/4"	6"	27"	33"	33"	39"
42"	6"	18"	1/2"	1"	8"	32"	38"	38"	44"
48"	6"	18"	1/2"	1"	8"	36"	42"	42"	48"
54"	6"	18"	1/2"	1"	8"	40"	46"	47"	53"
60"	6"	18"	1/2"	1"	8"	44"	50"	52"	58"
66"	6"	18"	1/2"	1"	8"	48"	54"	57"	63"
72"	6"	18"	1/2"	1"	8"	52"	58"	62"	68"

ADJUSTABLE PIPE SUPPORT

AVAILABLE IN:

6" - 8" AND 10"-12"



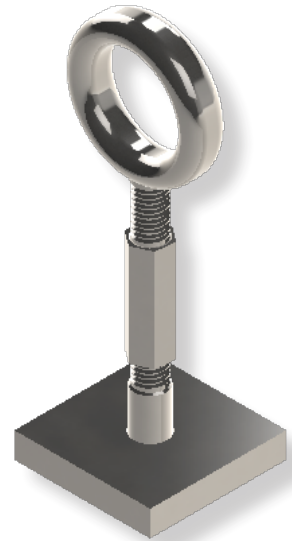
W-0006

PUSH BUTTON EXTENSION



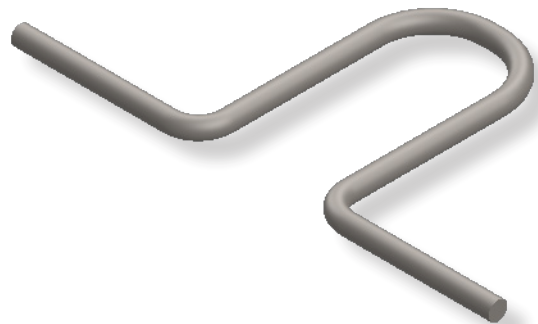
W-0007

EYE BOLTS



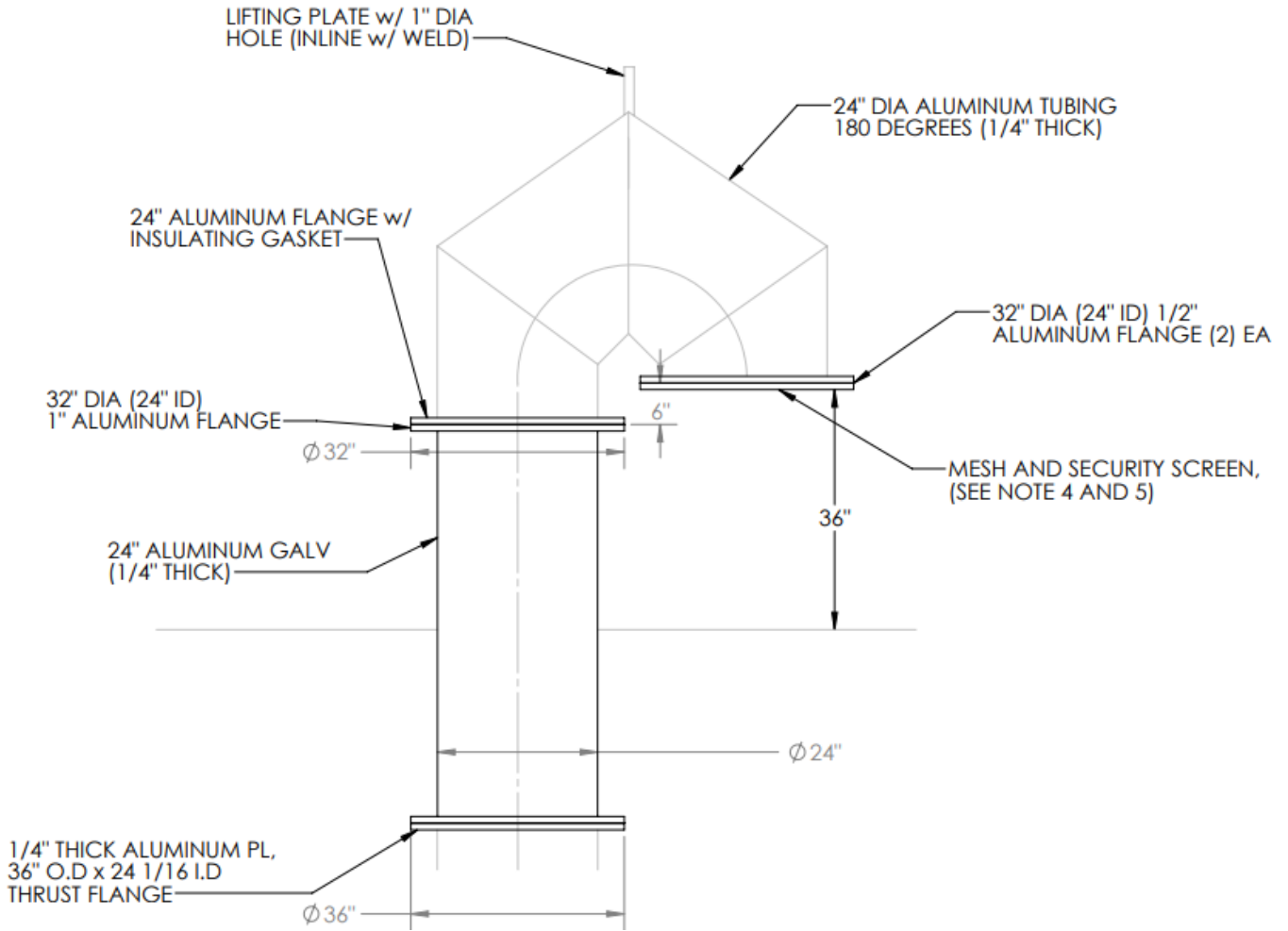
W-0008

LIFTING EYE



W-0009

RESERVOIRE VENT



W-0010

SEDIMENT DEPTH GAUGE



W-0011

SIDEWALK COVERS



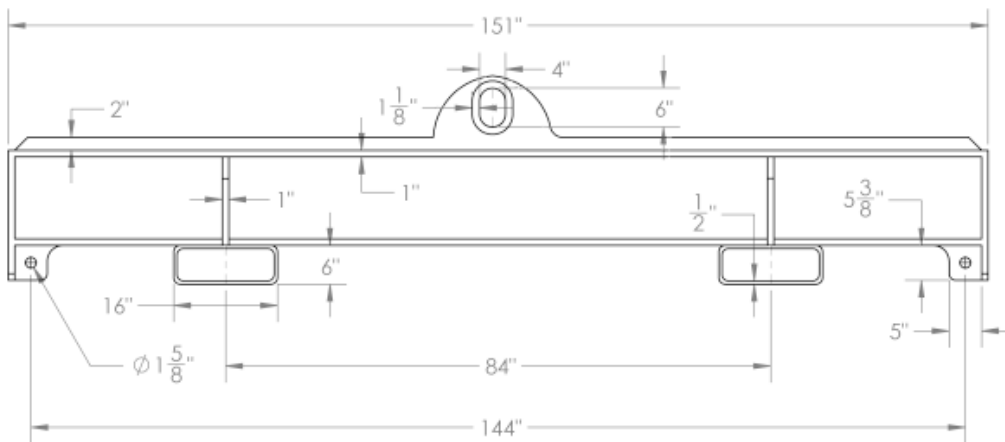
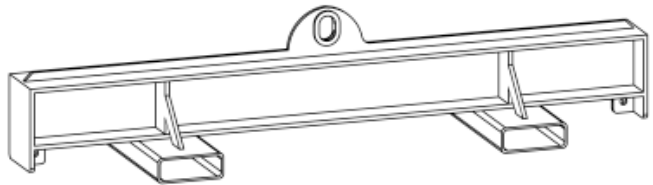
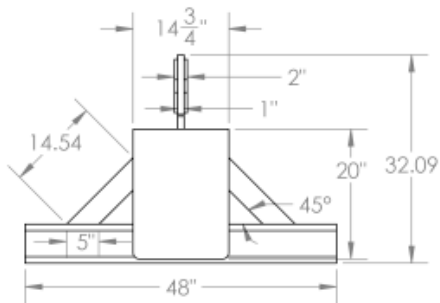
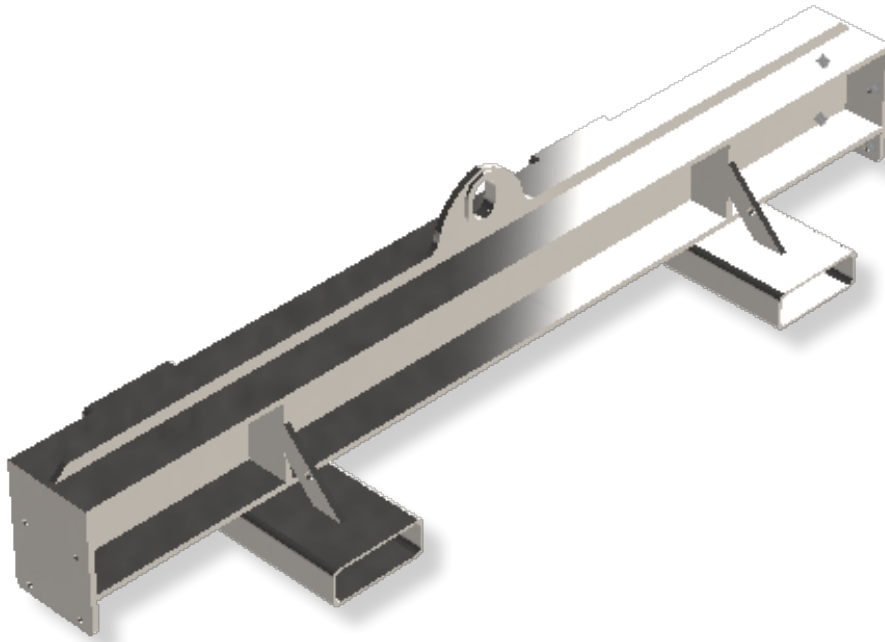
W-0012



SPECIALTY STEEL

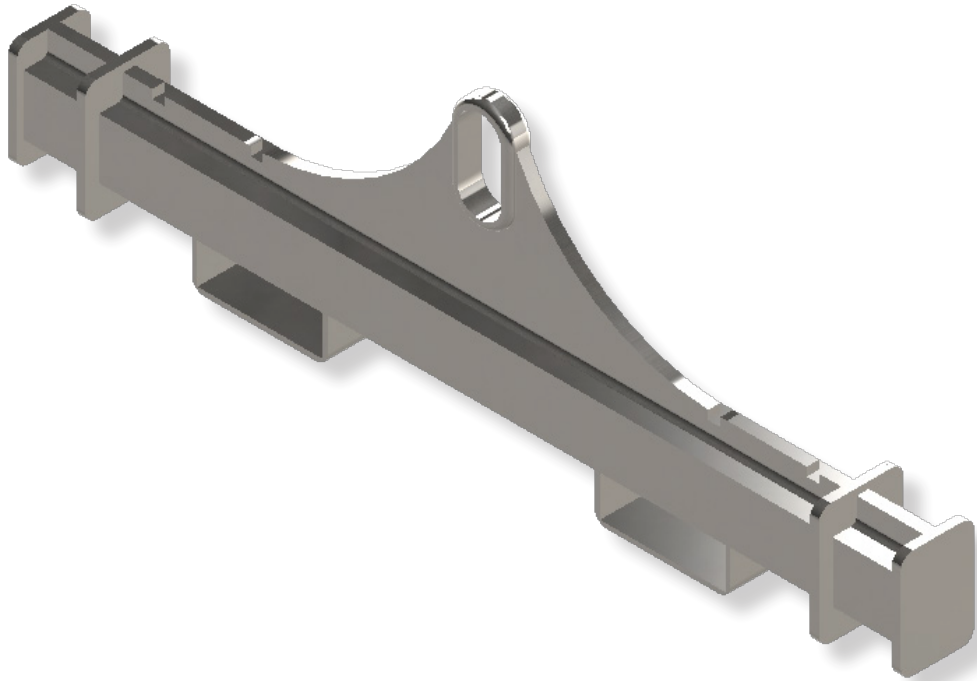
6

80K CERTIFIED SPREADER BAR



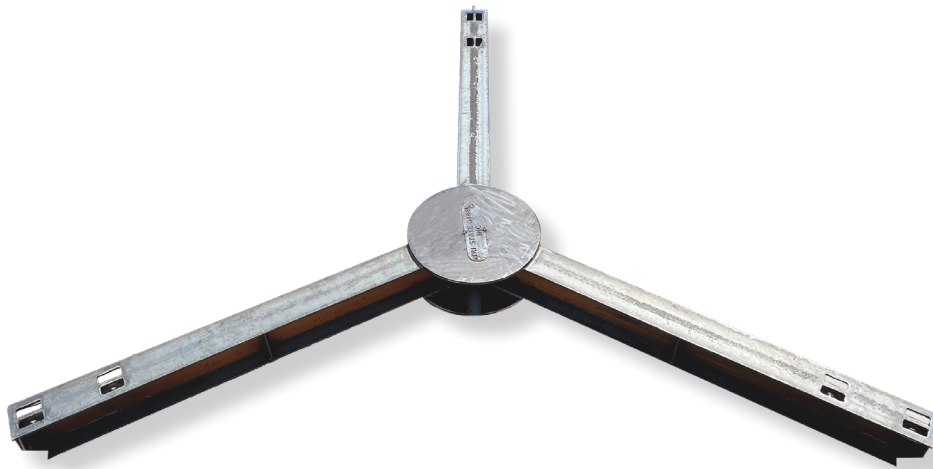
S-0001

15K CERTIFIED ADJUSTABLE SPREADER BAR



S-0002

3-POINT SPREADER BAR



S-0003

ALUMINUM STAIRS



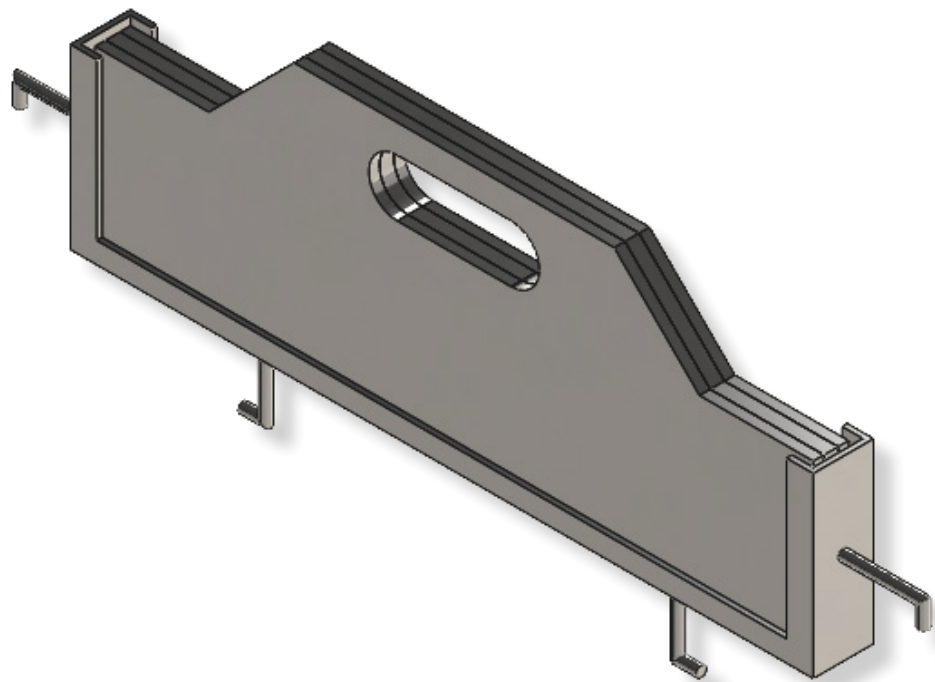
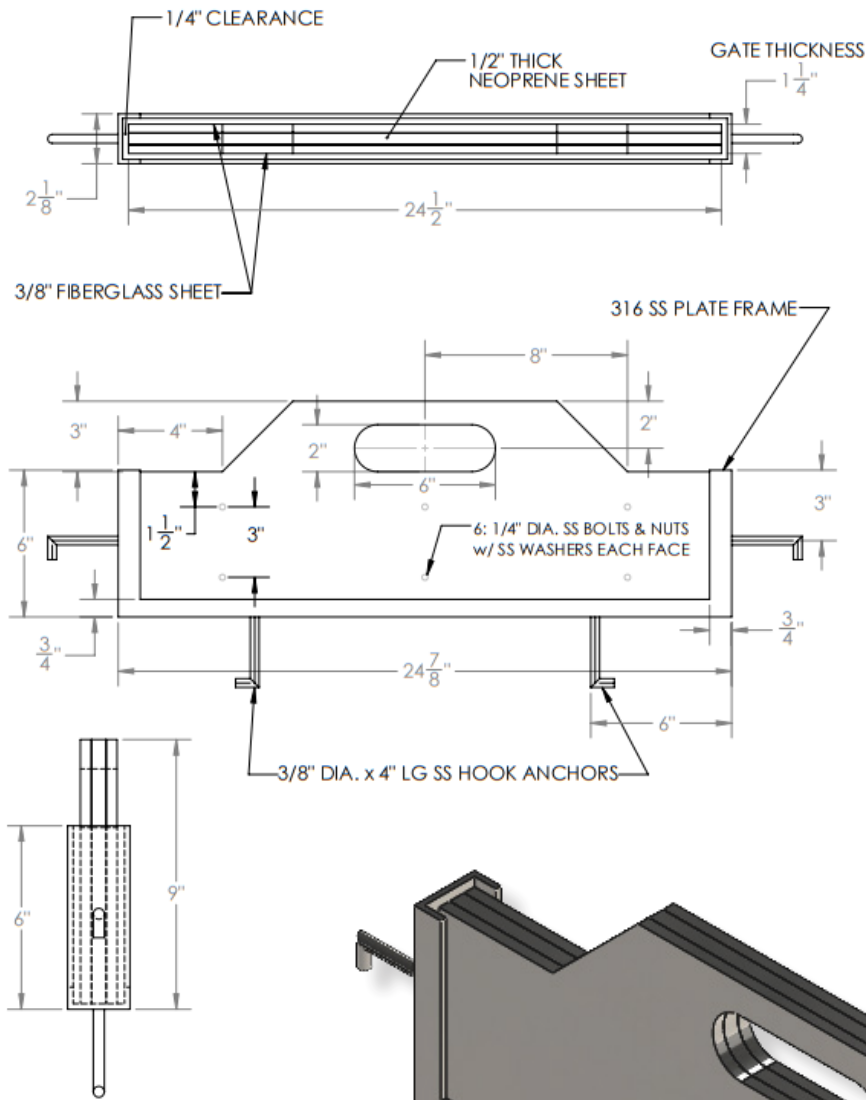
S-0004

TORQUE RACKS



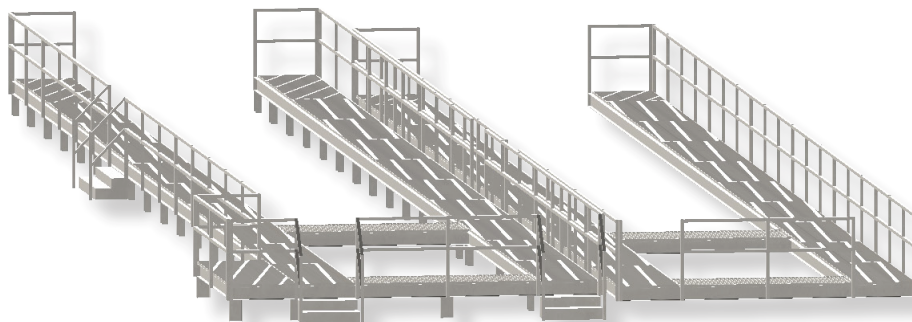
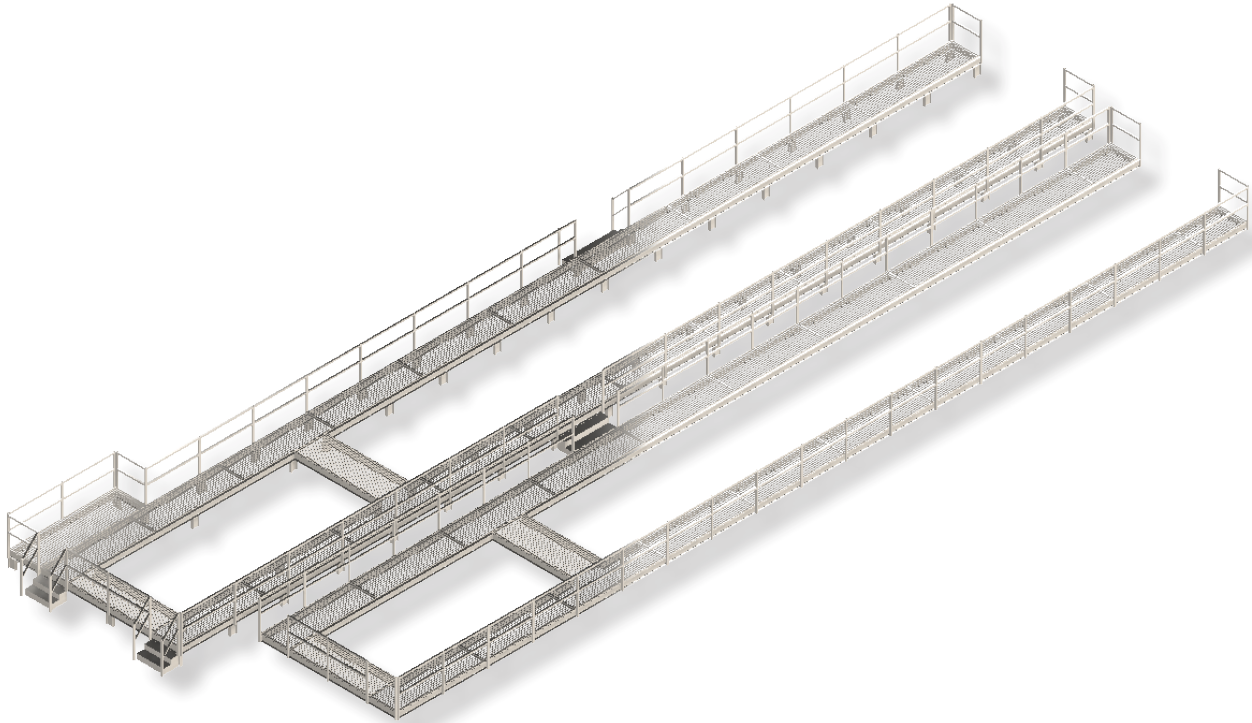
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SLIDE GATES



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ELEVATED WORK PLATFORM



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TRASH RACK



TRI-STATE STEEL SLIDING GATE



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