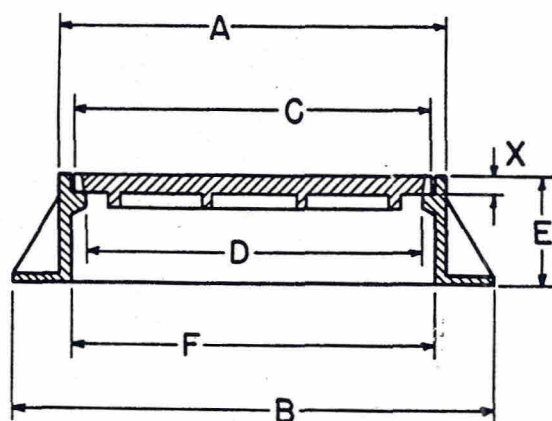
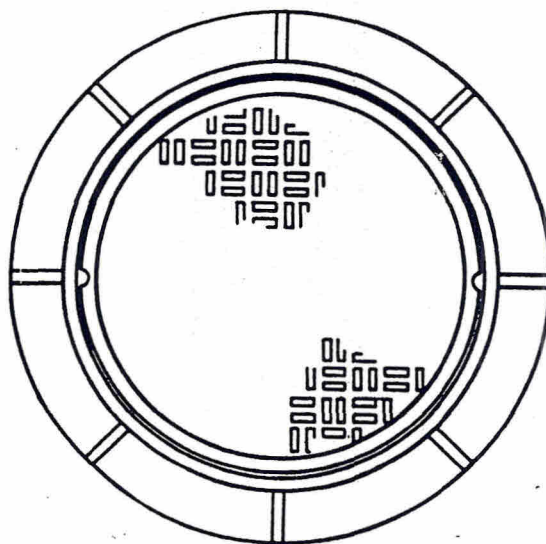


CASTINGS

ESP 1007A	24"x3" Frame & Cover	1-1
ESP 1007B	24"x4" Frame & Cover	1-1
ESP 1007C	24"x6" Frame & Cover	1-1
ESP 1007D	24"x8" Frame & Cover	1-1
ESP 1009	25 3/4"x8" Frame & Cover	1-2
ESP 1009A	25 3/4"x4" Frame & Cover	1-2
ESP 1009B	25 3/4"x6" Frame & Cover	1-2
ESP 1012A	32"x6 1/2" Frame & Cover	1-3
ESP 1012D	32"x4" Frame & Cover	1-3
ESP 1057B	24"x4" Square Flange Frame & Cover	1-4
ESP 1203B	25 3/4"x8" Belled Frame & Cover	1-5
ESP 24" LW	24" Locking/Watertight Frame & Cover	1-6
ESP 25 3/4" L/W	25 3/4" Locking/Watertight Frame & Cover	1-6
ESP 32" LW	32" Locking/Watertight Frame & Cover	1-6
ESP12	12" Light Duty Frame & Cover	1-7
ESP18	18" Light Duty Frame & Cover	1-8
ESP 36	36" Heavy Duty Frame & Cover	1-9
ESP 1182A	24"x3" Frame & Grate	1-10
ESP 1182B	24"x4" Frame & Grate	1-10
ESP 1182C	24"x6" Frame & Grate	1-10
ESP 1182D	24"x8" Frame & Grate	1-10
ESP 1184	25 3/4" Frame & Grate	1-11
ESP 2203	25 3/4" Belled Frame & Grate	1-12
ESP12G	12" Light Duty Frame & Grate	1-13
ESP18G	18" Light Duty Frame & Grate	1-14
ESP 12x12	12"x12" Light Duty Frame & Cover	1-15
ESP 18x18	18"x18" Light Duty Frame & Cover	1-16
ESP 24x24	24"x24" Heavy Duty Frame & Cover	1-17
ESP 30x30	30"x30" Heavy Duty Frame & Cover	1-18
ESP 12x12	12"x12" Light Duty Frame & Grate	1-19
ESP 18x18	18"x18" Light Duty Frame & Grate	1-20
ESP 24x24	24"x24" Heavy Duty Frame & Grate	1-21
ESP 26x26	26"x26" Heavy Duty Frame & Grate	1-22
ESP 30x30	30"x30" Heavy Duty Frame & Grate	1-23
ESP 38x38	38"x38" Heavy Duty Frame & Grate	1-24
ESP 24x36	24"x36" Heavy Duty Frame & Grate	1-25
ESP 2633	30"x36" Inlet Grate w/curb piece	1-26
ESP 2617	30"x48" Inlet Grate w/curb piece	1-26
ESP 2618	42"x48" Inlet Grate w/curb piece	1-27
ESP 2639	36"x39" Inlet Grate w/curb piece	1-28
ESP 3425	45"x48" Inlet Frame & Grate	1-29
ESP 3406	22"x36" Inlet Frame & Grate	1-30
ESP 3405	22"x48" Inlet Frame & Grate	1-30
ESP 3408	30"x48" Inlet Frame & Grate	1-30
ESP 4526	12" Wide Trench Grate & Frame	1-31
ESP 4526A	14" Wide Trench Grate & Frame	1-31
ESP 24x1 1/2	24"x1 1/2" Manhole Riser Ring	1-32
ESP 24x2	24"x2" Manhole Riser Ring	1-32
ESP 25 3/4x1 1/2	25 3/4"x1 1/2" Manhole Riser Ring	1-32
ESP 25 3/4x2	25 3/4"x2" Manhole Riser Ring	1-32
ESP 32x2	32"x2" Manhole Riser Ring	1-32
ESP Riser	Manhole & Catch Basin Risers	1-33
ESP Riser	Riser Order Form	1-34

Straight Type Frame



Pattern Number	Dimensions in Inches						
	A	B	C	D	E	F	X
ESP 1007A	25 1/2	31 1/4	24	22 1/2	3	22 1/2	1 3/8
ESP 1007B	25 1/2	32	24	22 3/8	4	22 3/8	1 3/8
ESP 1007C	25 1/2	34	24	22 3/8	6	24	1 3/8
ESP 1007D	25 1/2	34	24	21 3/8	8	24 5/8	1 3/8

SPECIFICATIONS:

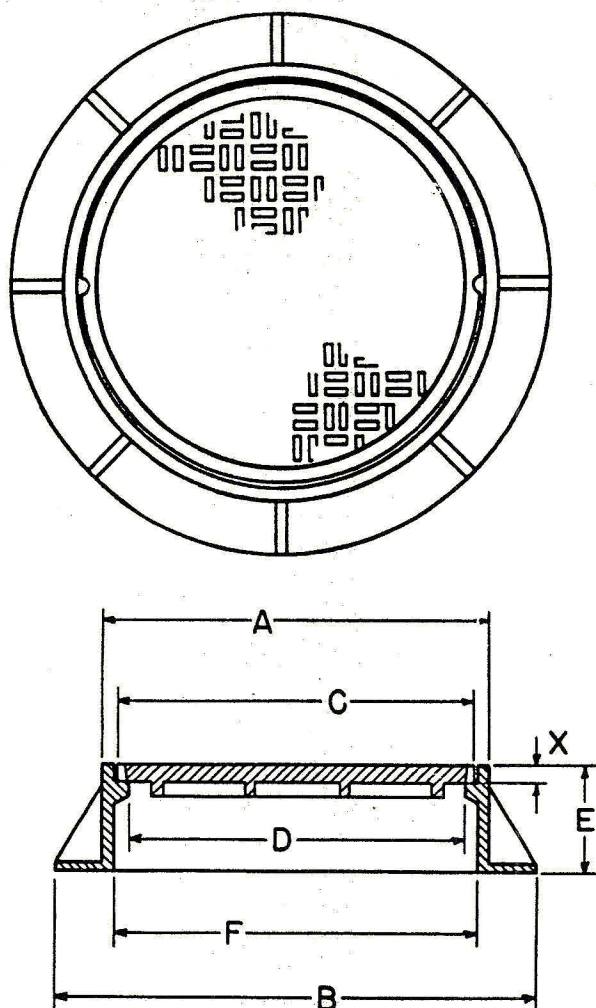
1. Manufactured in accordance with ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.
3330 ROUTE 9
COLD SPRING, NY 10516
TEL (845) 265-3771 FAX (845) 265-3772

Heavy Duty Frame/Cover
Straight Type Frame
1007 series

Date: 01/19/94 Dwg. # 185

Straight Type Frame



Pattern Number	Dimensions In Inches						
	A	B	C	D	E	F	X
ESP 1009	27 7/8	34 1/2	25 3/4	24	8	27	1 3/8
ESP 1009A	27 1/2	34 1/4	25 3/4	23 1/2	4	26 3/4	1 3/8
ESP 1009B	27 3/4	34 1/2	25 3/4	24	6	27	1 3/8

SPECIFICATIONS:

1. Manufactured in accordance with ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.

3330 ROUTE 9
COLD SPRING, NY 10516
TEL. (845) 265-3771 FAX (845) 265-3772

Heavy Duty Frame/Cover

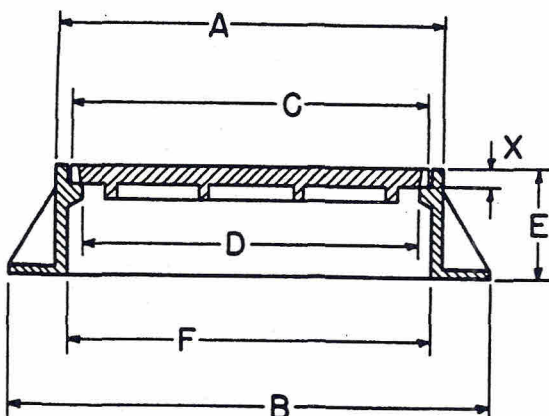
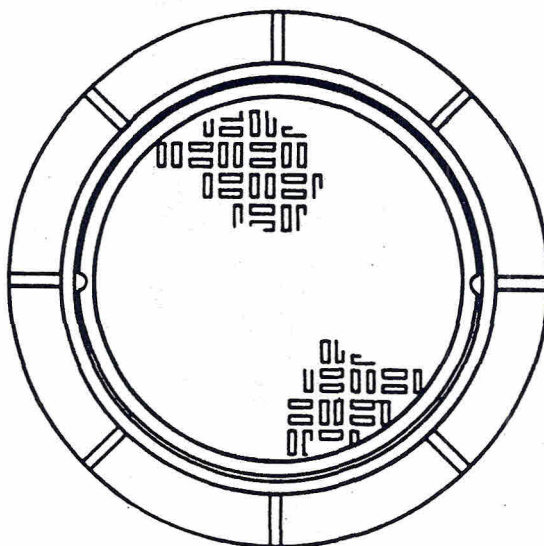
Straight Type Frame

1009 series

Date: 01/19/94

Dwg. # 189

Straight Type Frame



Pattern Number	Dimensions in Inches						
	A	B	C	D	E	F	X
ESP 1012A	34	43	32	30	6 1/2	32	1 3/8
ESP 1012D	34	38 1/4	32	30 1/2	4	30 1/2	1 3/8

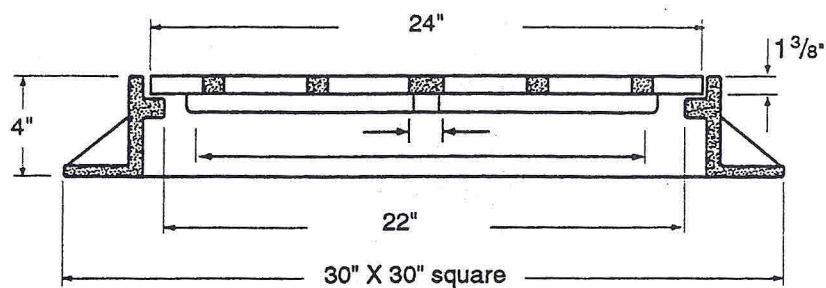
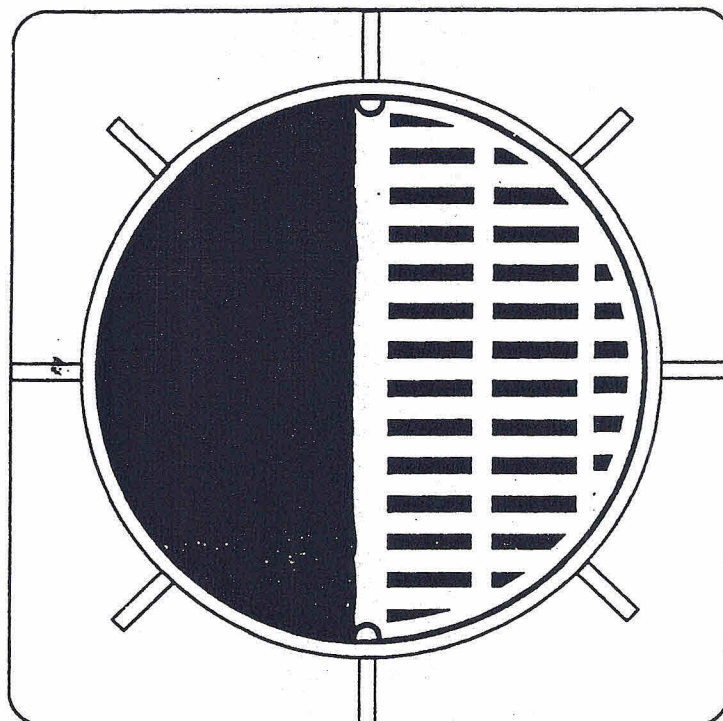
SPECIFICATIONS:

1. Manufactured in accordance with
ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.

3330 ROUTE 9
COLD SPRING, NY 10516
TEL. (845) 265-3771 FAX (845) 265-3772

Heavy Duty Frame/Cover**Straight Type Frame****1012 series****Date: 01/19/94****Dwg. # 193**



SPECIFICATIONS:

1. Manufactured in accordance with
ASTM A48 Class 30B
2. H-20 wheel loading

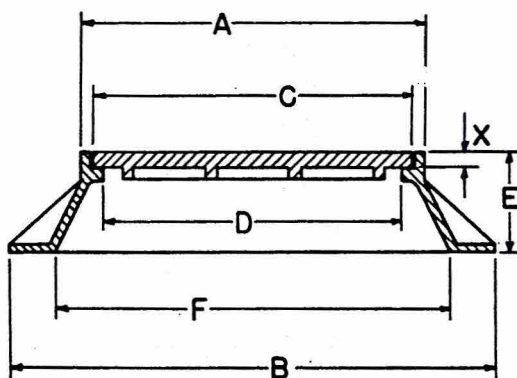
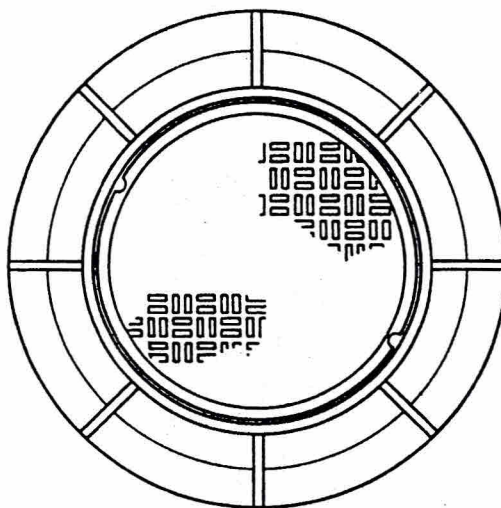
EXPANDED SUPPLY PRODUCTS, INC.
3330 ROUTE 9
COLD SPRING, NY 10516
TEL. (845) 265-3771 FAX (845) 265-3772

Heavy Duty Frame/Cover
ESP 1057B 24"x4"
Square Type Flange

Date:

Dwg. #

Flared Type Frame



Pattern Number	Dimensions In Inches						
	A	B	C	D	E	F	X
ESP 1203B	27 3/4	39	25 3/4	24	8	32	1 3/8

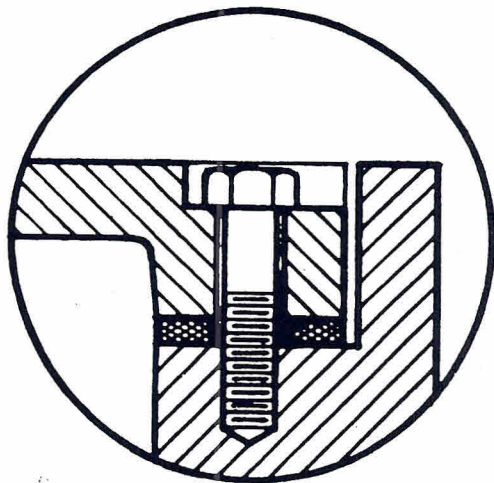
SPECIFICATIONS:

1. Manufactured in accordance with
ASTM A48 Class 30B
2. H-20 wheel loading

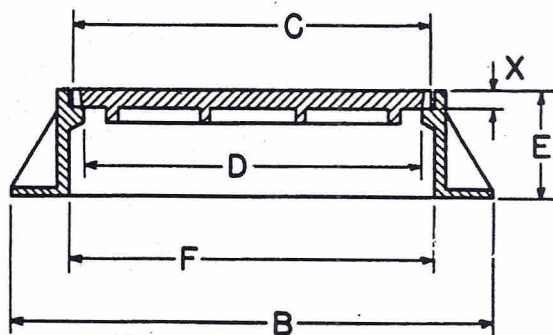
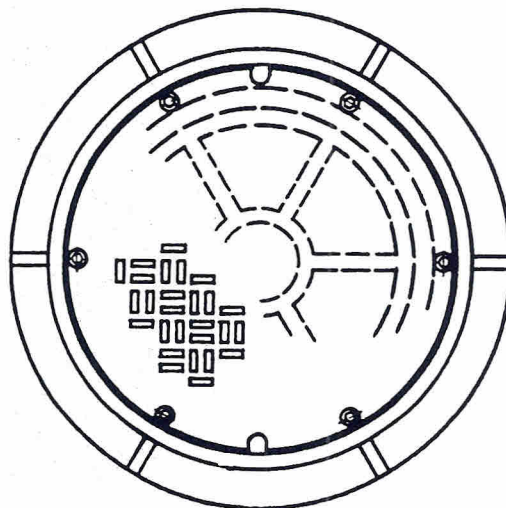
EXPANDED SUPPLY PRODUCTS, INC.
3330 ROUTE 9
COLD SPRING, NY 10516
TEL (845) 265-3771 FAX (845) 265-3772

Heavy Duty Frame/Cover
Flare Type Frame
1200 series

Date: 01/19/94 Dwg. # 191



Bolting Detail



Pattern Number	Dimensions In Inches					
	B	C	D	E	F	X
ESP 24" L/W	34	24	22 3/8	6	24	1 3/8
ESP 25 3/4" L/W	34 1/2	25 3/4	24	8	27	1 3/8
ESP 32" L/W	39	31 1/2	30	6	32 1/2	1 3/4

SPECIFICATIONS:

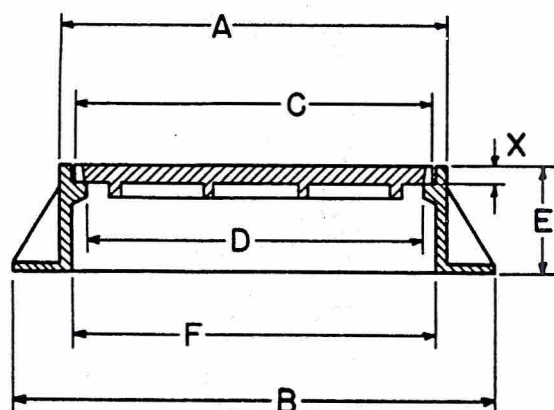
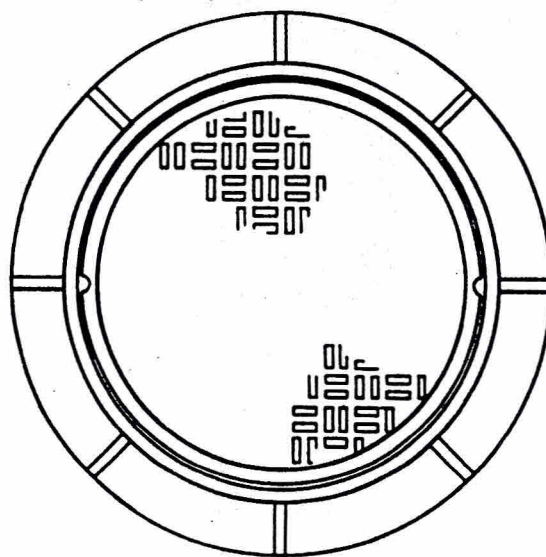
1. Manufactured in accordance with ASTM A48 Class 30B
2. H-20 wheel loading
3. All bearing surfaces machined
4. Continuous rubber gasket
5. 2 ea 1/2" S.S. bolts
6. 2 ea pick holes

EXPANDED SUPPLY PRODUCTS, INC.
 3330 ROUTE 9
 COLD SPRING, NY 10516
 TEL (845) 265-3771 FAX (845) 265-3772

Heavy Duty Frame/Cover
Locking/Watertight

Date: 01/19/94 Dwg. # 194

Straight Type Frame



Pattern Number	Dimensions in Inches						
	A	B	C	D	E	F	X
ESP 12	12 7/8	16 1/2	12	10 1/2	3	12	1/2

SPECIFICATIONS:

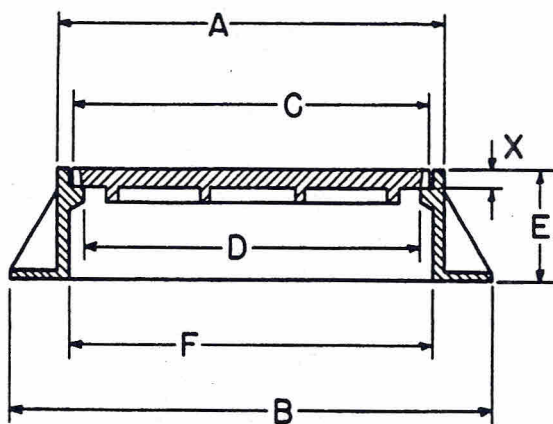
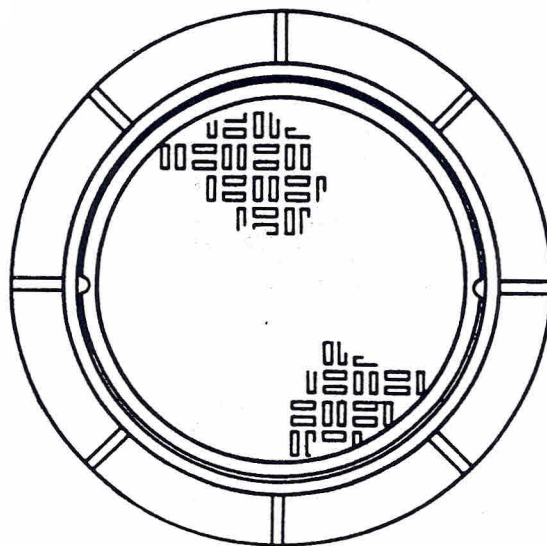
1. Manufactured in accordance with ASTM A48 Class 30B
2. Light Duty use
3. Flat Diamond Top Design

EXPANDED SUPPLY PRODUCTS, INC.
 3330 ROUTE 9
 COLD SPRING, NY 10516
 TEL (845) 265-3771 FAX (845) 265-3772

Frame/Cover
Light Duty
 12" dia.

Date: 01/19/94 Dwg. #179

Straight Type Frame



Pattern Number	Dimensions in Inches						
	A	B	C	D	E	F	X
ESP 18	18 3/4	20 1/2	18	16 1/2	3	18	3/4

SPECIFICATIONS:

1. Manufactured in accordance with
ASTM A48 Class 30B
2. Light Duty use
3. Flat Diamond Top Design

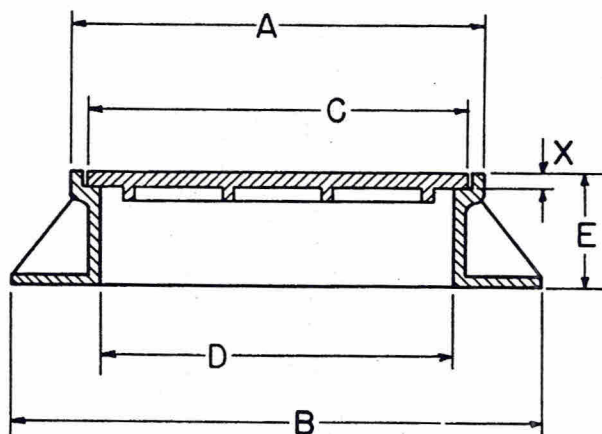
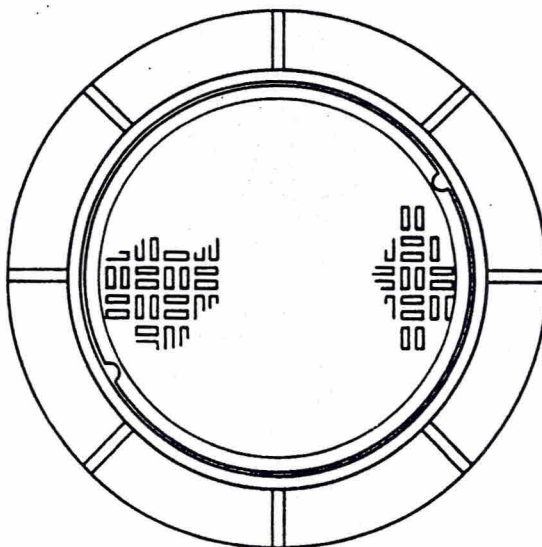
EXPANDED SUPPLY PRODUCTS, INC.
3330 ROUTE 9
COLD SPRING, NY 10516
TEL. (845) 265-3771 FAX (845) 265-3772

Frame/Cover

Light Duty
18" dia.

Date: 01/19/94 Dwg. # 180

Bell Type Frame



Pattern Number	Dimensions in Inches					
	A	B	C	D	E	X
ESP 36	41	48	37 3/4	36	8	1 1/2

SPECIFICATIONS:

1. Manufactured in accordance with
ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.
 3330 ROUTE 9
 COLD SPRING, NY 10516
 TEL. (845) 265-3771 FAX (845) 265-3772

Heavy Duty Frame/Cover

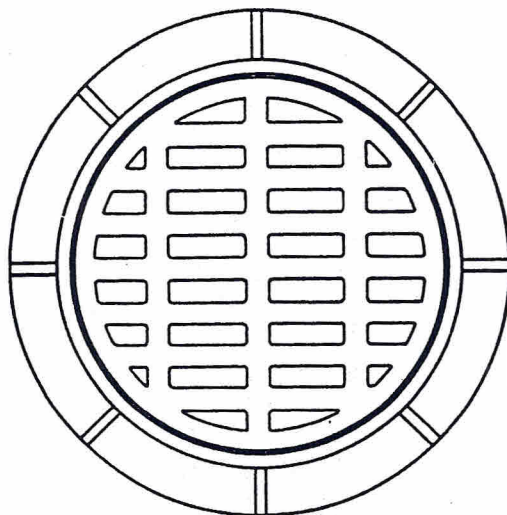
Bell Type Frame

36" clear opening

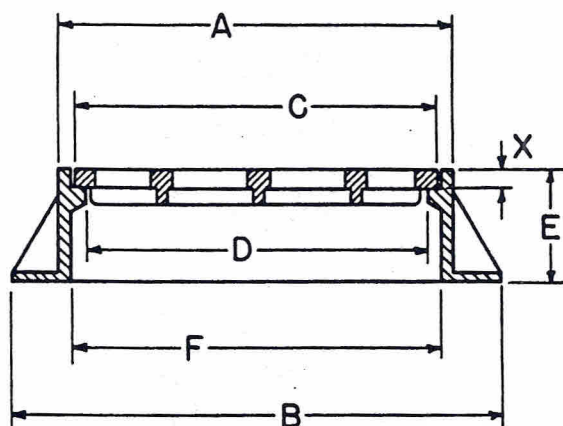
Date: 01/19/94

Dwg. # 186

Straight Type Frame



Flat Grate



Pattern Number	Dimensions in Inches						
	A	B	C	D	E	F	X
ESP 1182A	25 1/2	31 1/4	24	22 1/2	3	22 1/2	1 3/8
ESP 1182B	25 1/2	32	24	22 3/8	4	22 3/8	1 3/8
ESP 1182C	25 1/2	34	24	22 3/8	6	24	1 3/8
ESP 1182D	25 1/2	34	24	21 3/8	8	24 5/8	1 3/8

SPECIFICATIONS:

1. Manufactured in accordance with
ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.

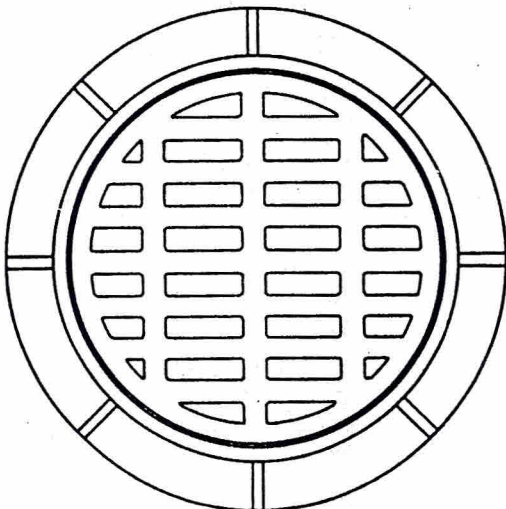
3330 ROUTE 9
COLD SPRING, NY 10516
TEL (845) 265-3771 FAX (845) 265-3772

Heavy Duty Frame/Grate

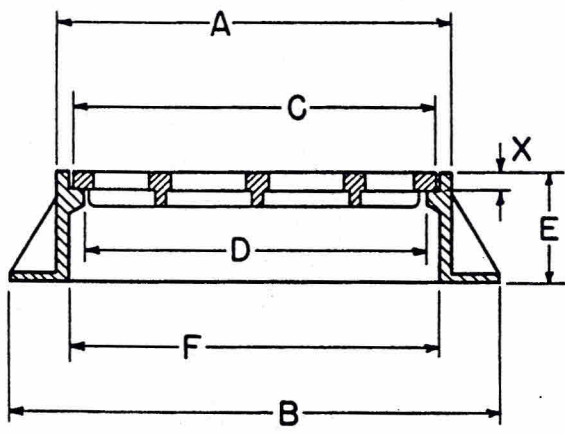
Straight Type Frame
1182 series

Date: 01/19/94 Dwg. # 196

Straight Type Frame



Flat Grate



Pattern Number	Dimensions in Inches						
	A	B	C	D	E	F	X
ESP 1184	27 7/8	34 1/2	25 3/4	24	8	27	1 3/8

SPECIFICATIONS:

1. Manufactured in accordance with
ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.

3330 ROUTE 9
COLD SPRING, NY 10516
TEL (845) 265-3771 FAX (845) 265-3772

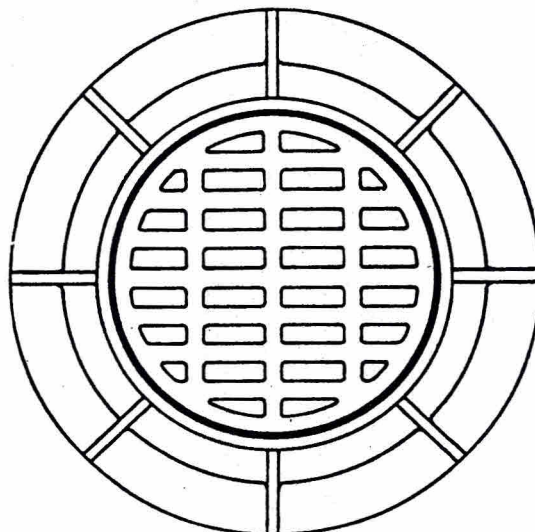
Heavy Duty Frame/Grate

Straight Type Frame

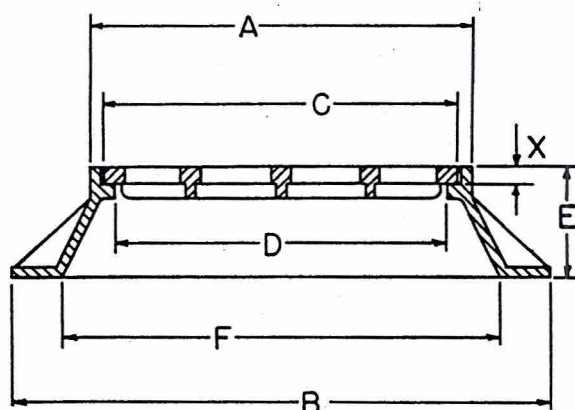
1184 series

Date: 01/19/94 Dwg. # 190

Flared Type Frame



Flat Grate



Pattern Number	Dimensions in Inches						
	A	B	C	D	E	F	X
ESP 2203	27 3/4	39	25 3/4	24	8	32	1 3/8

SPECIFICATIONS:

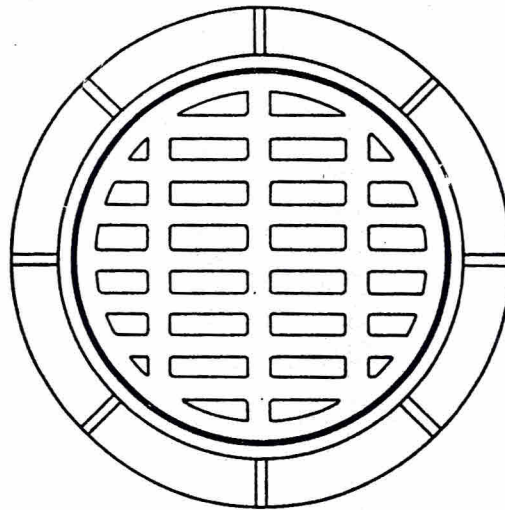
1. Manufactured in accordance with
ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.
 3330 ROUTE 9
 COLD SPRING, NY 10516
 TEL (845) 265-3771 FAX (845) 265-3772

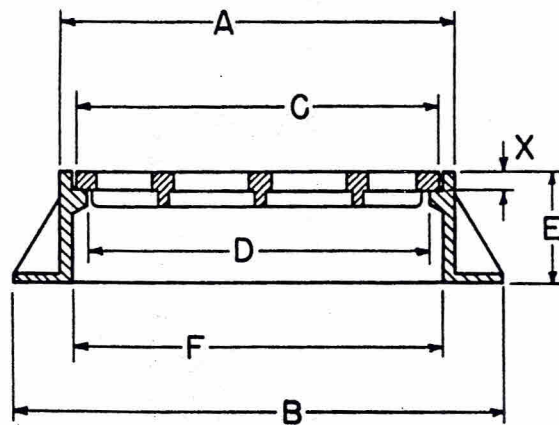
Heavy Duty Frame/Grate
Flare Type Frame
2200 series

Date: 01/19/94 Dwg. # 192

Straight Type Frame



Flat Grate



Pattern Number	Dimensions in Inches						
	A	B	C	D	E	F	X
ESP 12G	12 7/8	16 1/2	12	10 1/2	3	12	1/2

SPECIFICATIONS:

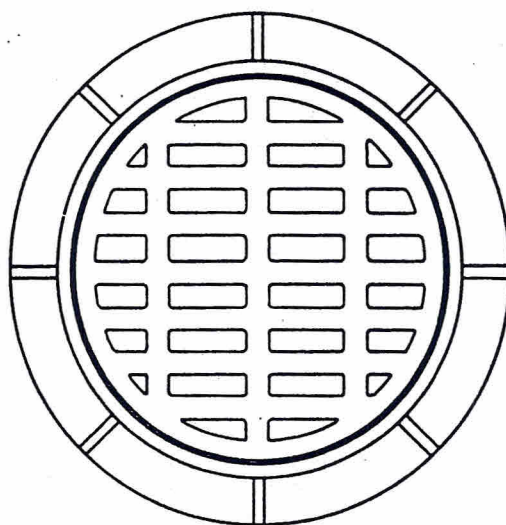
1. Manufactured in accordance with ASTM A48 Class 30B
2. Light Duty use

EXPANDED SUPPLY PRODUCTS, INC.

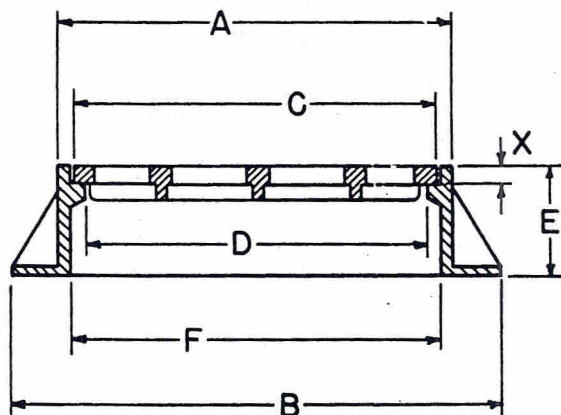
3330 ROUTE 9
COLD SPRING, NY 10516
TEL. (845) 265-3771 FAX (845) 265-3772

Frame/Grate**Light Duty****12" dia.****Date: 01/19/94****Dwg. # 182**

Straight Type Frame



Flat Grate



Pattern Number	Dimensions in Inches						
	A	B	C	D	E	F	X
ESP 18G	18 3/4	20 1/2	18	16 1/2	3	18	3/4

SPECIFICATIONS:

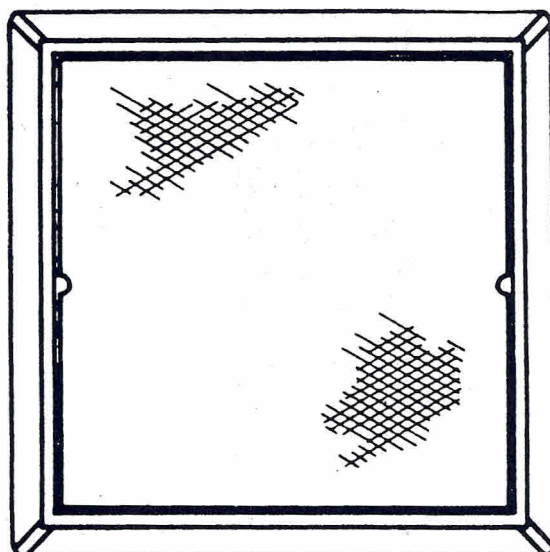
1. Manufactured in accordance with
ASTM A48 Class 30B
2. Light Duty use

EXPANDED SUPPLY PRODUCTS, INC.
 3330 ROUTE 9
 COLD SPRING, NY 10516
 TEL. (845) 265-3771 FAX (845) 265-3772

Frame/Grate
Light Duty
18" dia.

Date: 01/19/94 Dwg. # 183

Straight Type Frame



Pattern Number	Dimensions in Inches					
	A	B	C	D	E	X
ESP 12x12	13 1/4	15 1/4	12	10 1/4	3	1

SPECIFICATIONS:

1. Manufactured in accordance with ASTM A48 Class 30B
2. Light Duty use

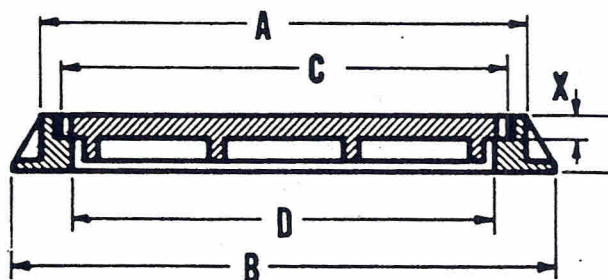
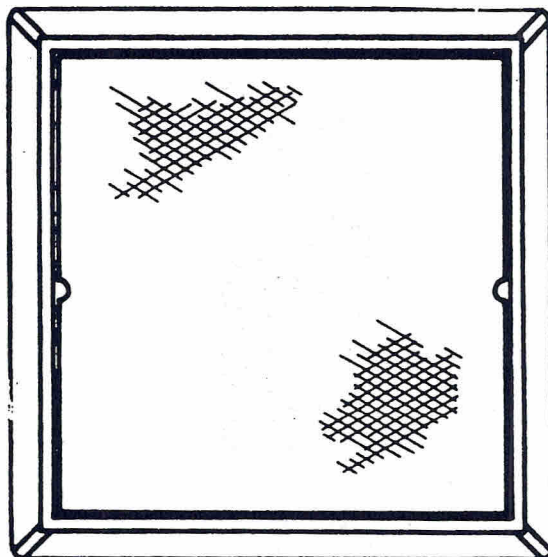
EXPANDED SUPPLY PRODUCTS, INC.

3330 ROUTE 9
COLD SPRING, NY 10516
TEL (845) 265-3771 FAX (845) 265-3772

Light Duty**Frame/Cover****12"x12"**

Date: 01/19/94

Dwg. # 200



Pattern Number	Dimensions in Inches					
	A	B	C	D	E	X
ESP 18x18	19 1/4	23	18	17	3	1

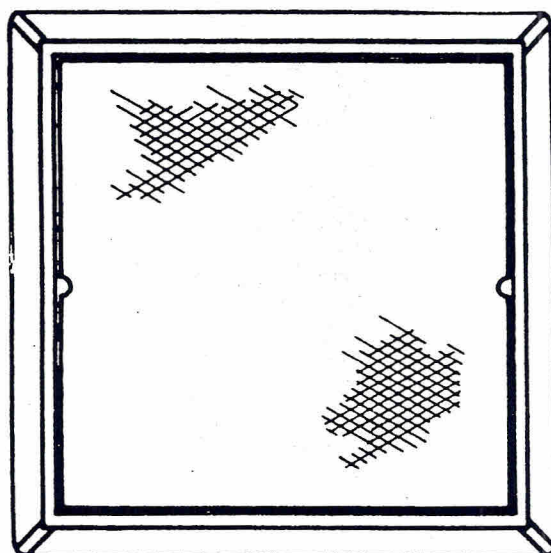
SPECIFICATIONS:

1. Manufactured in accordance with
ASTM A48 Class 30B
2. Medium Duty use

EXPANDED SUPPLY PRODUCTS, INC.
3330 ROUTE 9
COLD SPRING, NY 10516
TEL (845) 265-3771 FAX (845) 265-3772

Frame/Cover
18"x18"

Date: 01/19/94 Dwg. # 201



Pattern Number	Dimensions in Inches					
	A	B	C	D	E	X
ESP 24x24	25 1/2	27	24	22 3/8	3	1 3/4

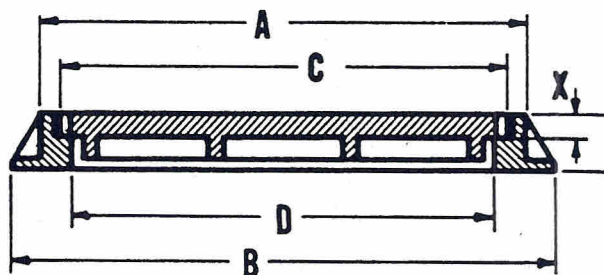
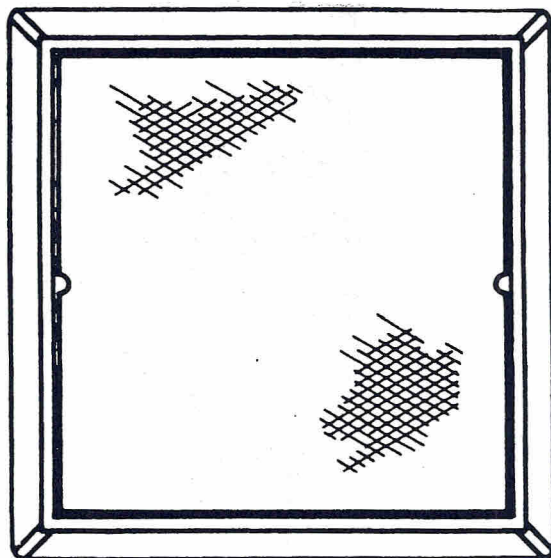
SPECIFICATIONS:

1. Manufactured in accordance with
ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.
3330 ROUTE 9
COLD SPRING, NY 10516
TEL (845) 265-3771 FAX (845) 265-3772

**Heavy Duty
Frame/Cover
24"x24"**

Date: 01/19/94 Dwg. # 203



Pattern Number	Dimensions in Inches					
	A	B	C	D	E	X
ESP 30x30	31 1/2	34	30	28	2 1/2	1 1/2

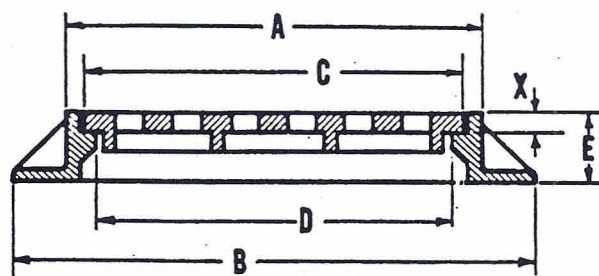
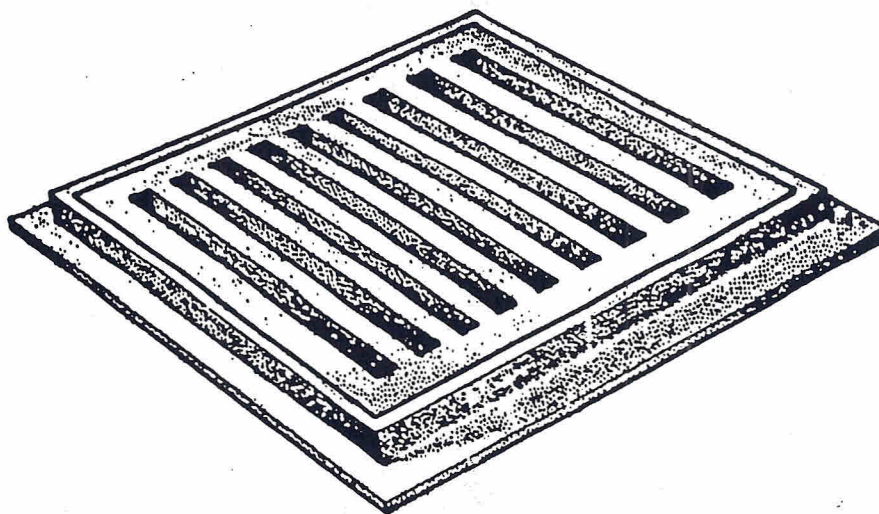
SPECIFICATIONS:

1. Manufactured in accordance with
ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.
3330 ROUTE 9
COLD SPRING, NY 10516
TEL. (845) 265-3771 FAX (845) 265-3772

Heavy Duty
Frame/Cover
30"x30"

Date: 01/19/94 Dwg. # 204



Pattern Number	Dimensions in Inches					
	A	B	C	D	E	X
ESP 12x12	13 1/4	15 1/4	12	10 1/4	3	1

SPECIFICATIONS:

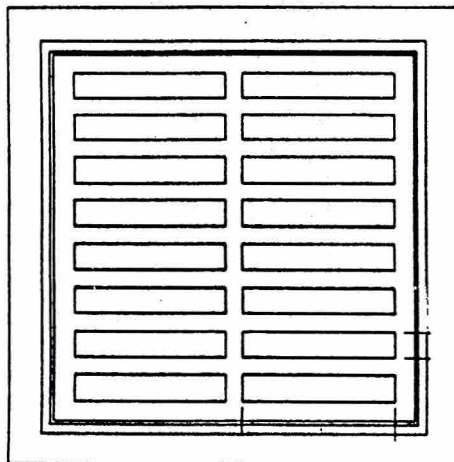
1. Manufactured in accordance with ASTM A48 Class 30B
2. Light Duty use

EXPANDED SUPPLY PRODUCTS, INC.
3330 ROUTE 9
COLD SPRING, NY 10516
TEL (845) 265-3771 FAX (845) 265-3772

Light Duty
Frame/Grate
12"x12"

Date: 01/19/94

Dwg. # 198



Pattern Number	Dimensions in Inches					
	A	B	C	D	E	X
ESP 18x18	19 1/4	23	18	17	3	1

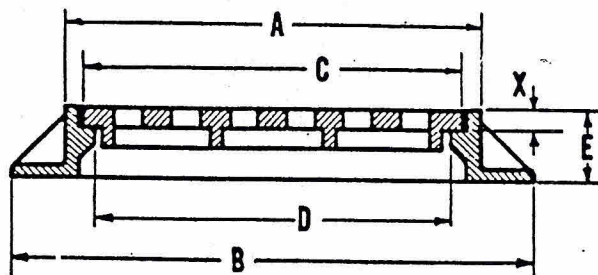
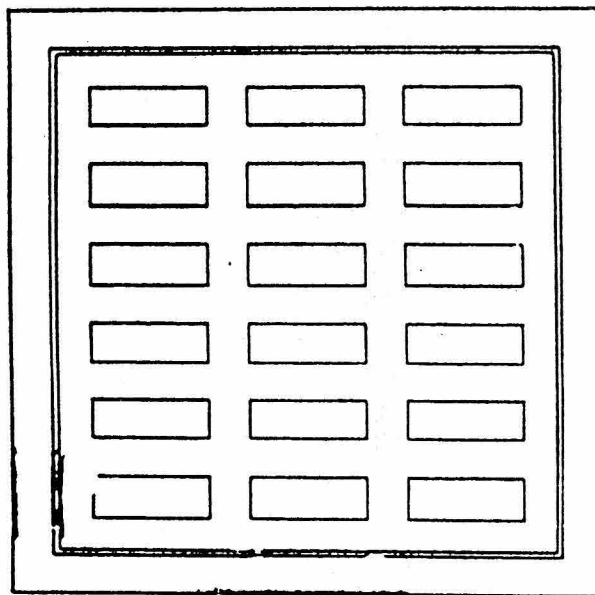
SPECIFICATIONS:

1. Manufactured in accordance with ASTM A48 Class 30B
2. Medium Duty use

EXPANDED SUPPLY PRODUCTS, INC.
3330 ROUTE 9
COLD SPRING, NY 10516
TEL. (845) 265-3771 FAX (845) 265-3772

Frame/Grate
18"x18"

Date: 01/19/94 Dwg. # 199



Pattern Number	Dimensions in Inches					
	A	B	C	D	E	X
ESP 24x24	24 7/8	30 5/8	23 1/4	21 5/8	3 3/8	1 1/2

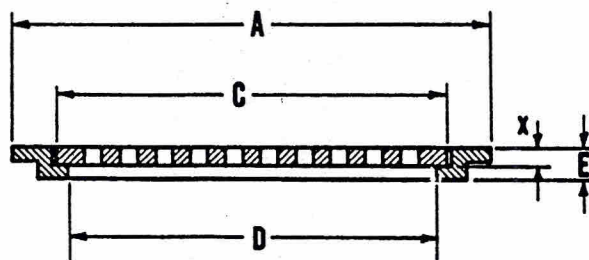
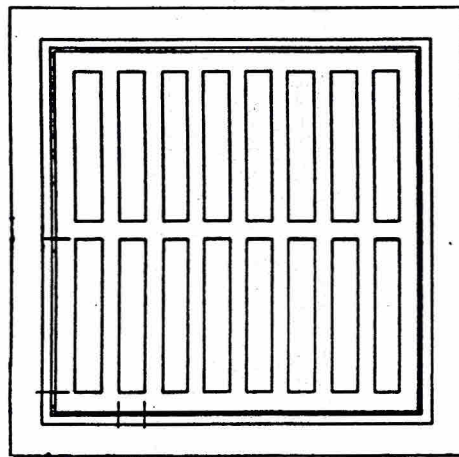
SPECIFICATIONS:

1. Manufactured in accordance with
ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.
3330 ROUTE 9
COLD SPRING, NY 10516
TEL (845) 265-3771 FAX (845) 265-3772

**Heavy Duty
Frame/Grate
24"x24"**

Date: 01/19/94 Dwg. # 202



Pattern Number	Dimensions in Inches				
	A	C	D	E	X
ESP 26x26	27 1/4	26	23	2 3/4	1 1/2

SPECIFICATIONS:

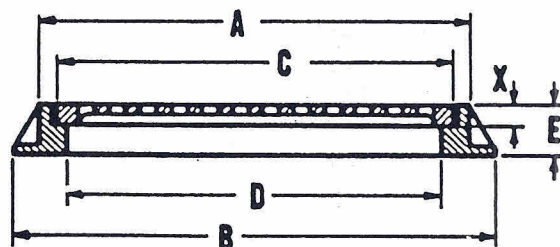
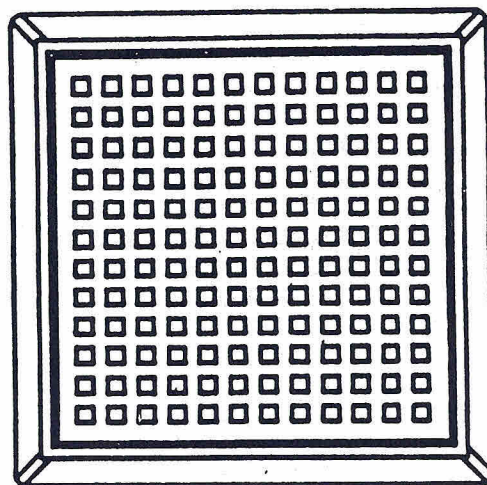
1. Manufactured in accordance with
ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.

3330 ROUTE 9
COLD SPRING, NY 10516
TEL (845) 265-3771 FAX (845) 265-3772

Heavy Duty
Frame/Grate
26"x26"

Date: 01/19/94 Dwg. # 206



Pattern Number	Dimensions in Inches					
	A	B	C	D	E	X
ESP 30x30	31 1/2	34	30	28	2 1/2	1 1/2

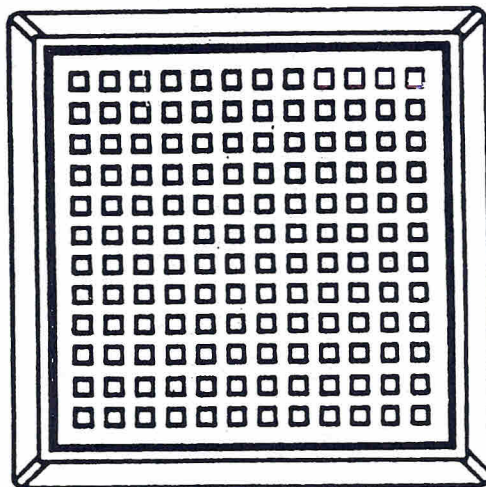
SPECIFICATIONS:

1. Manufactured in accordance with ASTM A48 Class 30B
2. H-20 wheel loading
3. Reversible frames

EXPANDED SUPPLY PRODUCTS, INC.
3330 ROUTE 9
COLD SPRING, NY 10516
TEL (845) 265-3771 FAX (845) 265-3772

Heavy Duty
Frame/Grate
30"x30"

Date: 01/19/94 Dwg. # 205



Pattern Number	Dimensions in Inches					
	A	B	C	D	E	X
ESP 38x38	38 3/4	43	37 1/4	35	4	1 3/8

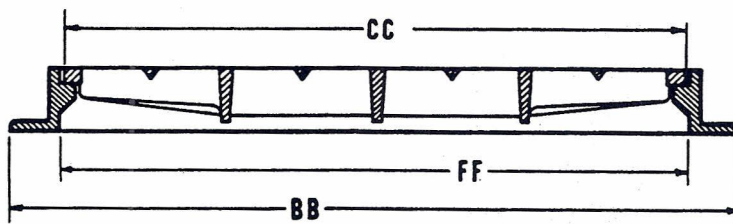
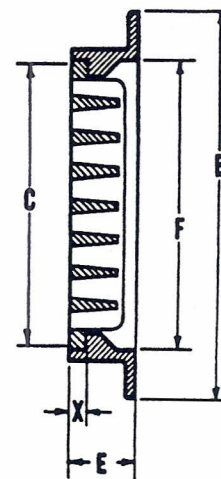
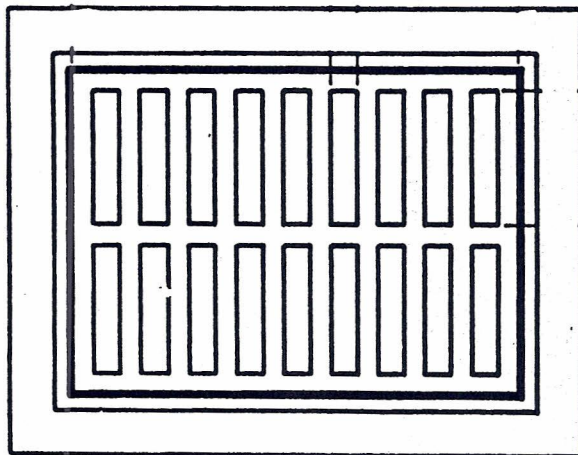
SPECIFICATIONS:

1. Manufactured in accordance with
ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.
3330 ROUTE 9
COLD SPRING, NY 10516
TEL. (845) 265-3771 FAX (845) 265-3772

**Heavy Duty
Frame/Grate
38"x38"**

Date: 01/19/94 Dwg. # 207



Pattern Number	Dimensions in Inches							
	B	BB	C	CC	E	F	FF	X
ESP 24X36	30 1/2	41 1/8	24 1/8	36 1/8	4	22	34	1 1/8

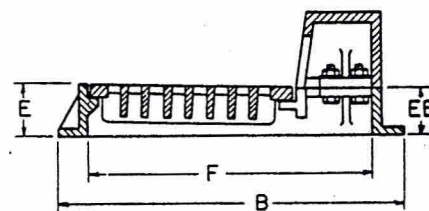
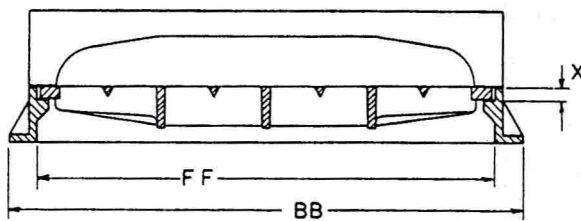
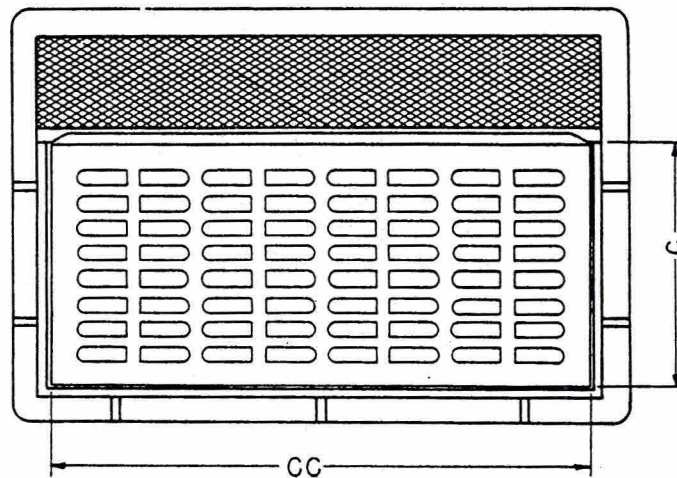
SPECIFICATIONS:

1. Manufactured in accordance with
ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.
3330 ROUTE 9
COLD SPRING, NY 10516
TEL (845) 265-3771 FAX (845) 265-3772

Heavy Duty
Frame/Grate
24"x36"

Date: 01/19/94 Dwg. # 208



Pattern Number	Dimensions in Inches								
	B	BB	C	CC	E	EE	F	FF	X
ESP 2633	36	42	21 3/4	35 3/4	5 1/2	4	30	36	1 1/4
ESP 2617	36	54	21 3/4	47 3/4	5 1/2	4	30	48	1 1/4

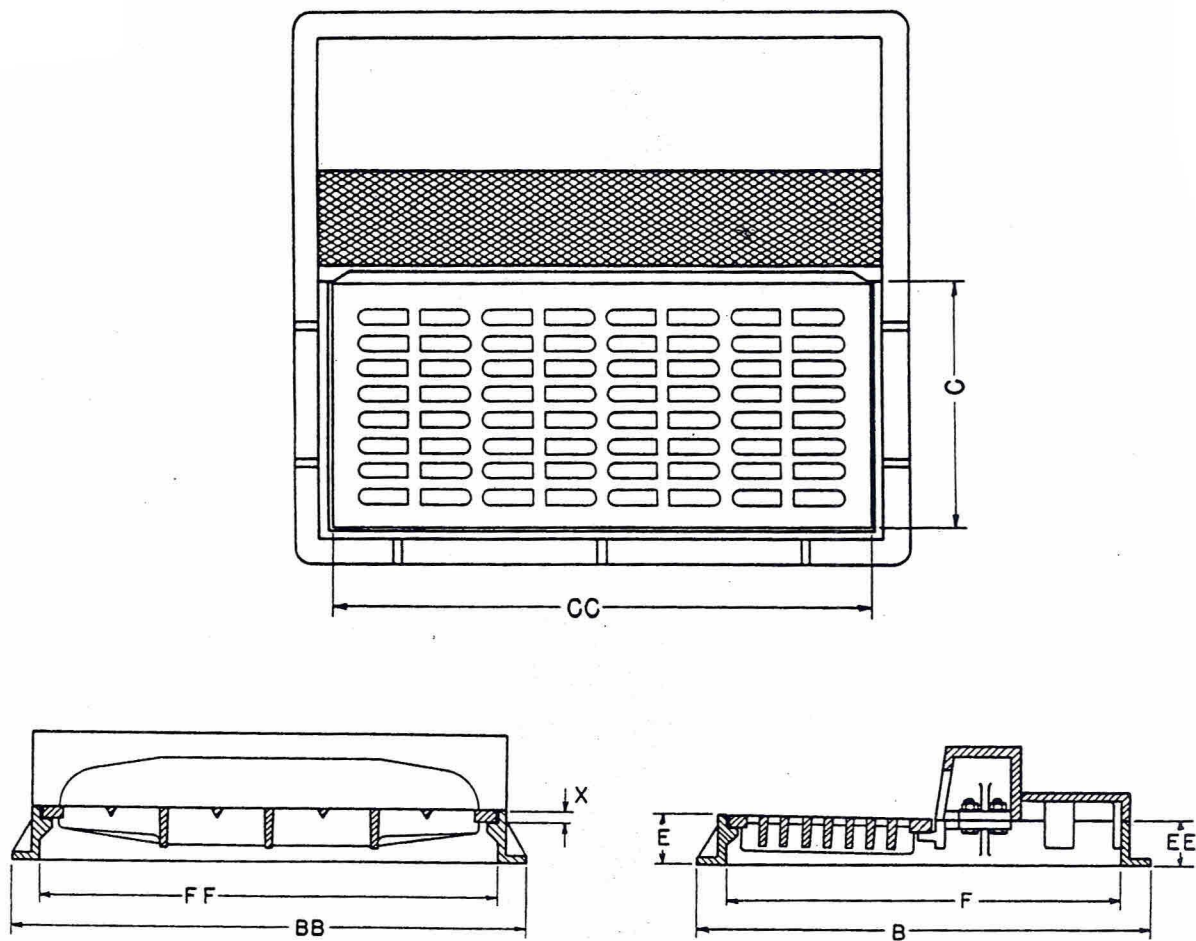
SPECIFICATIONS:

1. Manufactured in accordance with
ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.
3330 ROUTE 9
COLD SPRING, NY 10516
TEL (845) 265-3771 FAX (845) 265-3772

Heavy Duty
Inlet Frame/Grate w/ curb piece
ESP 2633 & ESP 2617

Date: 01/19/94 Dwg. # 211



Pattern Number	Dimensions in Inches								
	B	BB	C	CC	E	EE	F	FF	X
ESP 2618	48	54	21 3/4	47 3/4	5 1/2	5	42	48	1 1/4

SPECIFICATIONS:

1. Manufactured in accordance with ASTM A48 Class 30B
2. H-20 wheel loading

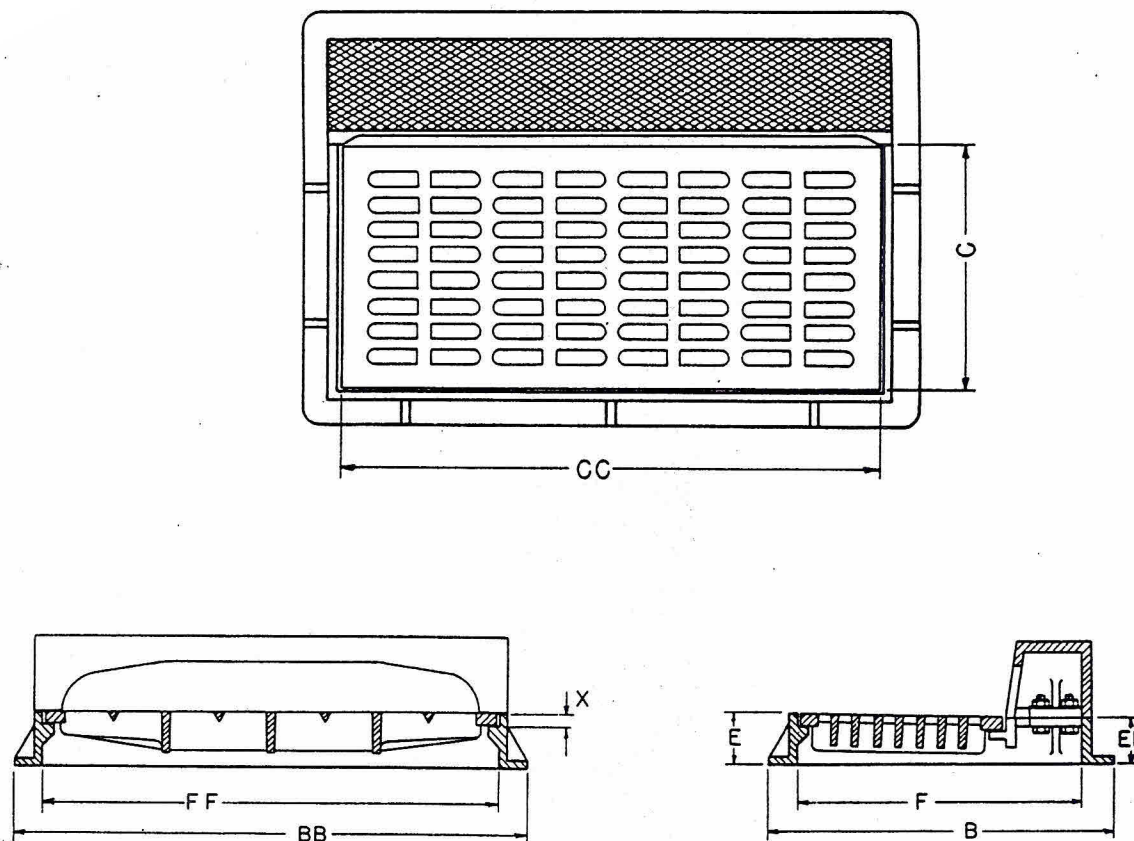
EXPANDED SUPPLY PRODUCTS, INC.

3330 ROUTE 9
COLD SPRING, NY 10516
TEL. (845) 265-3771 FAX (845) 265-3772

Heavy Duty

Inlet Frame/Grate w/ curb piece
ESP2618 series

Date: 01/19/94 Dwg. # 212



Pattern Number	Dimensions in Inches								
	B	BB	C	CC	E	EE	F	FF	X
ESP 2639	42	54	30	49 1/4	5 1/2	4 1/2	36	49	1 1/4

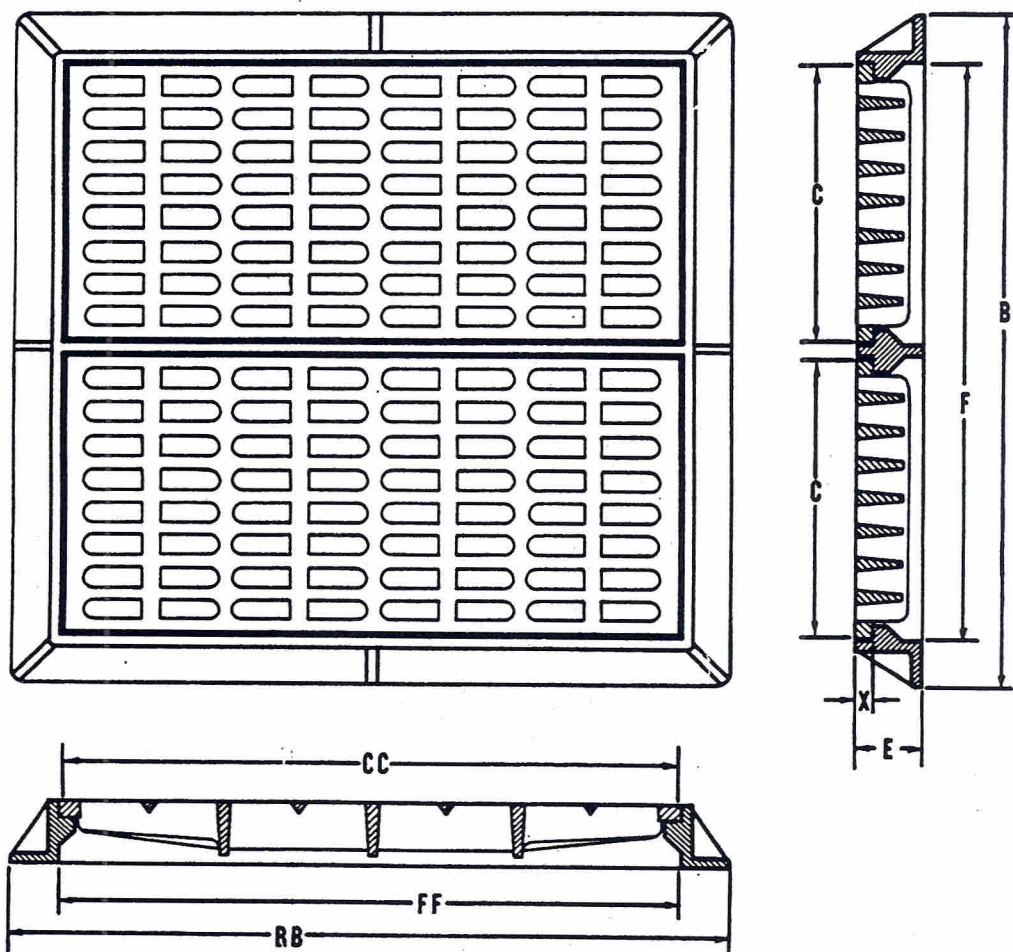
SPECIFICATIONS:

1. Manufactured in accordance with
ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.
3330 ROUTE 9
COLD SPRING, NY 10516
TEL (845) 265-3771 FAX (845) 265-3772

Heavy Duty
Inlet Frame/Grate w/ curb piece
2639 series

Date: 01/19/94 Dwg. # 213



Pattern Number	Dimensions in Inches							
	B	BB	C	CC	E	F	FF	X
ESP 3425	51	54	21 3/4	47 3/4	5	45	48	1 1/4

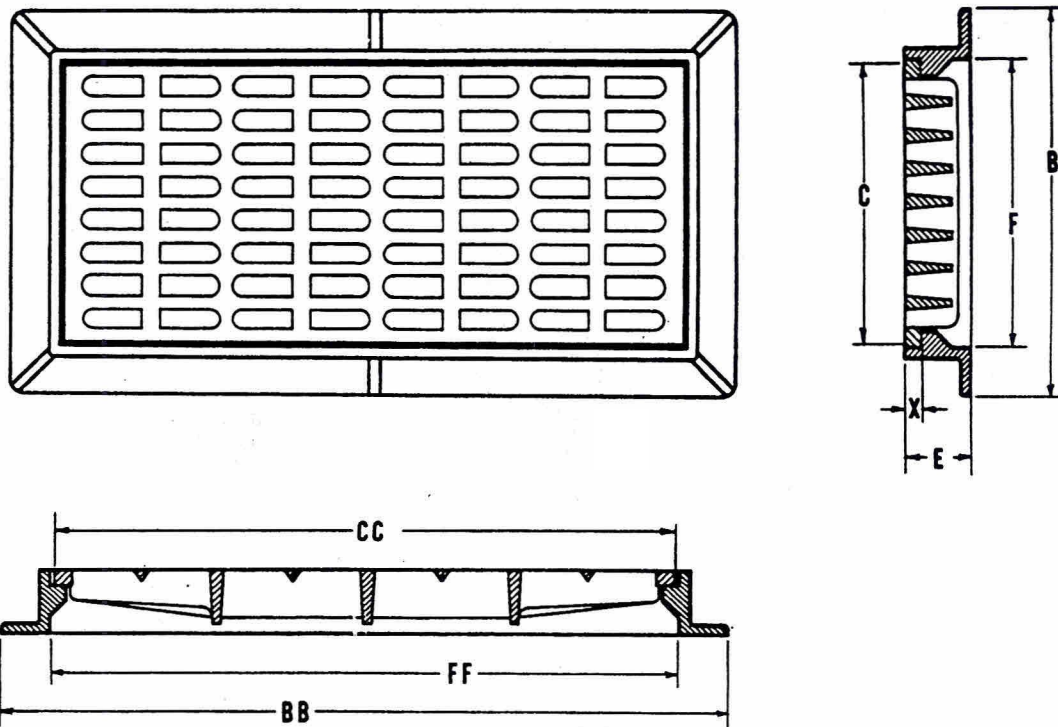
SPECIFICATIONS:

1. Manufactured in accordance with ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.
 3330 ROUTE 9
 COLD SPRING, NY 10516
 TEL (845) 265-3771 FAX (845) 265-3772

Heavy Duty
Inlet Frame/Grate
3425 series

Date: 01/19/94 Dwg. # 214



Pattern Number	Dimensions In Inches							
	B	BB	C	CC	E	F	FF	X
ESP 3406	28	42	21 3/4	35 3/4	5	22	36	1 1/4
ESP 3405	28	54	21 3/4	47 3/4	5	22	48	1 1/4
ESP 3408	36	55 1/2	30	49 1/4	5	30 1/4	49 1/2	1 1/4

SPECIFICATIONS:

1. Manufactured in accordance with ASTM A48 Class 30B
2. H-20 wheel loading

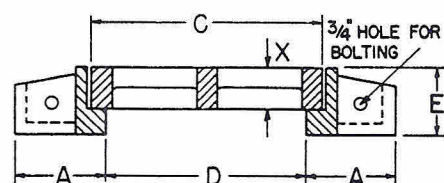
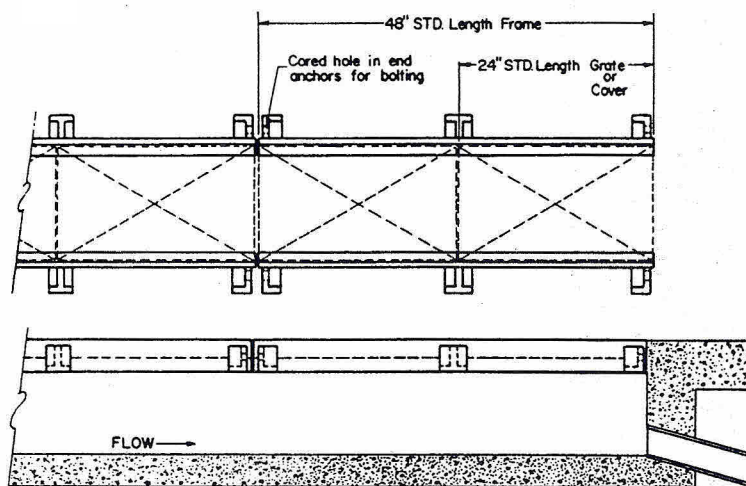
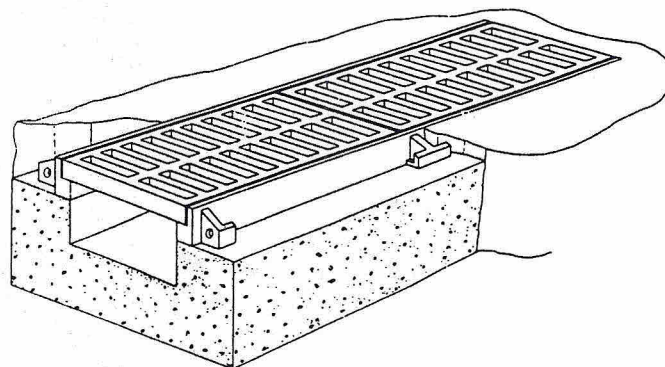
EXPANDED SUPPLY PRODUCTS, INC.

3330 ROUTE 9
COLD SPRING, NY 10516
TEL. (845) 265-3771 FAX (845) 265-3772

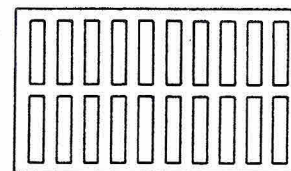
Heavy Duty
Inlet Frame/Grate
3400 Series

Date: 01/19/94 Dwg. # 210

Heavy Duty Trench Frames with Grates



Trench Frame and Grate



Type A Grate

Pattern Number	Dimensions in Inches				
	A	C	⌀	E	X
ESP 4526	3 3/4	12	10	3	2
ESP 4526A	3 3/4	14	12	3	2

SPECIFICATIONS:

1. Manufactured in accordance with ASTM A48 Class 30B
2. H-20 wheel loading
3. 48"l or 36"l frames
4. 24"l grates

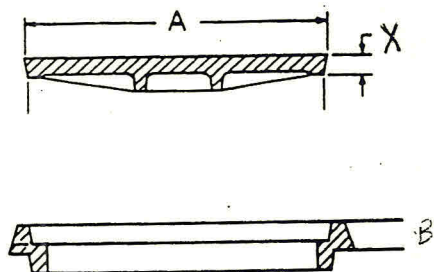
EXPANDED SUPPLY PRODUCTS, INC.
3330 ROUTE 9
COLD SPRING, NY 10516
TEL. (845) 265-3771 FAX (845) 265-3772

Heavy Duty
Trench Grating

Date: 01/19/94 Dwg. # 209

ADJUSTING RINGS

Used when surface of pavement is to be raised to a new grade.



Pattern Number	Dimensions In Inches		
	A	B	X
24"x1 1/2"	24 3/16"	1 1/2"	1 3/8"
24"x2"	24 3/16"	2"	1 3/8"
25 3/4"x1 1/2"	26"	1 1/2"	1 3/8"
25 3/4"x2"	26"	2"	1 3/8"
32"x2"	31 5/8"	2"	1 3/4"

SPECIFICATIONS:

1. Manufactured in accordance with ASTM A48 Class 30B
2. H-20 wheel loading

EXPANDED SUPPLY PRODUCTS, INC.

3330 ROUTE 9
COLD SPRING, NY 10516
TEL. (845) 265-3771 FAX (845) 265-3772

Heavy Duty
Manhole Extension Rings

Date: 01/19/94 Dwg. # 195



EXPANDED SUPPLY PRODUCTS, INC.

Excavation • Highway • Water • Sewer Materials

3330 Route 9 • Cold Spring, NY 10516

Tel: (845) 265-3771 • Fax: (845) 265-3772

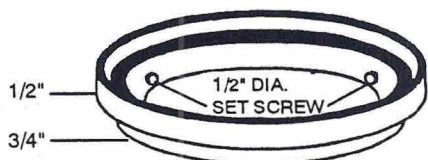
<http://ExpandedSupplyProducts.com>

HEAVY DUTY MANHOLE AND CATCH BASIN RISERS

MANHOLE RISERS 2 Basic Types

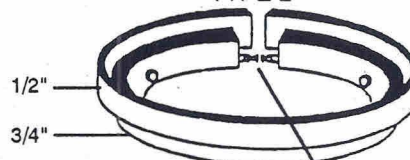
Solid

TYPE 1

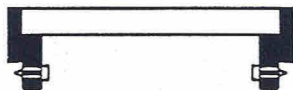


Adjustable

TYPE 2

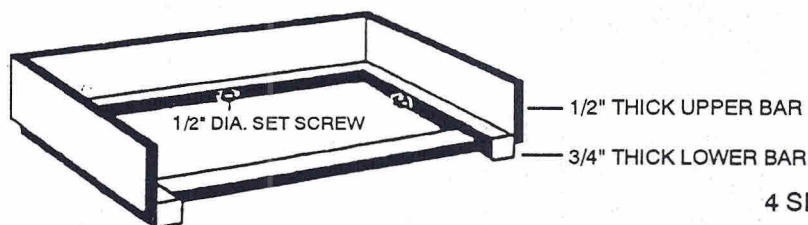


NOTE: STAINLESS STEEL
ADJUSTING STUD WITH
POSITIVE LOCK.

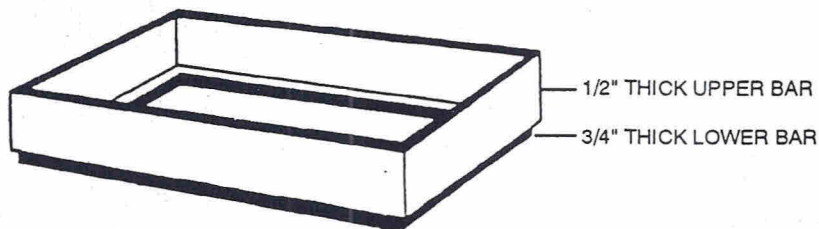


CATCH BASIN RISERS

3 SIDED CURB INLET RISER



4 SIDED CATCH BASIN RISER



**Made in USA with Domestic A-36 Steel
Coated with Bituminous Asphalt Based Paint**

All manhole and catch basin risers are made to order and are non-cancellable and non-returnable. Please use order form on reverse side showing dimensions required.

EXPANDED SUPPLY PRODUCTS, INC.

3330 ROUTE 9

COLD SPRING, NY 10516

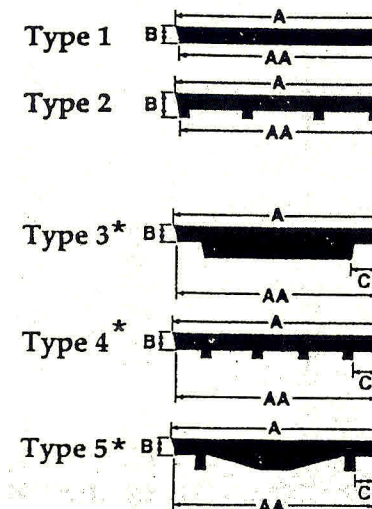
TEL. (845) 265-3771 FAX (845) 265-3772

ORDER FORM**MANHOLE RISERS**

This information required on all types of lids

Info. req'd. on
Types 3*, 4* & 5*

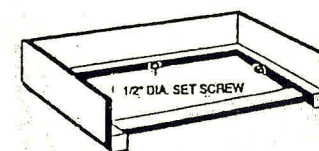
Location	Quantity	Adjustable or Solid	Amount of Rise	"A" Lid Top Diameter	"AA" Lid Bottom Diameter	"B" Cover Thickness	"C" Ledge Area

**CATCH BASIN RISERS**

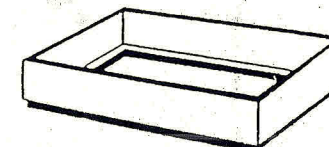
Location	Quantity	Amount of Rise	"A" Grate Top Dimensions	"AA" Grate Bottom Dimensions	"B" Grate Thickness	3 or 4 Sided**



** 3 SIDED CURB INLET RISER



** 4 SIDED CATCH BASIN RISER



Customer Name: _____

Address: _____ City: _____

State: _____ Zip: _____

Telephone: () - -

Ordered By: _____

P.O. #: _____

I understand the above material is "made to order" and not subject to return or cancellation.

Signature

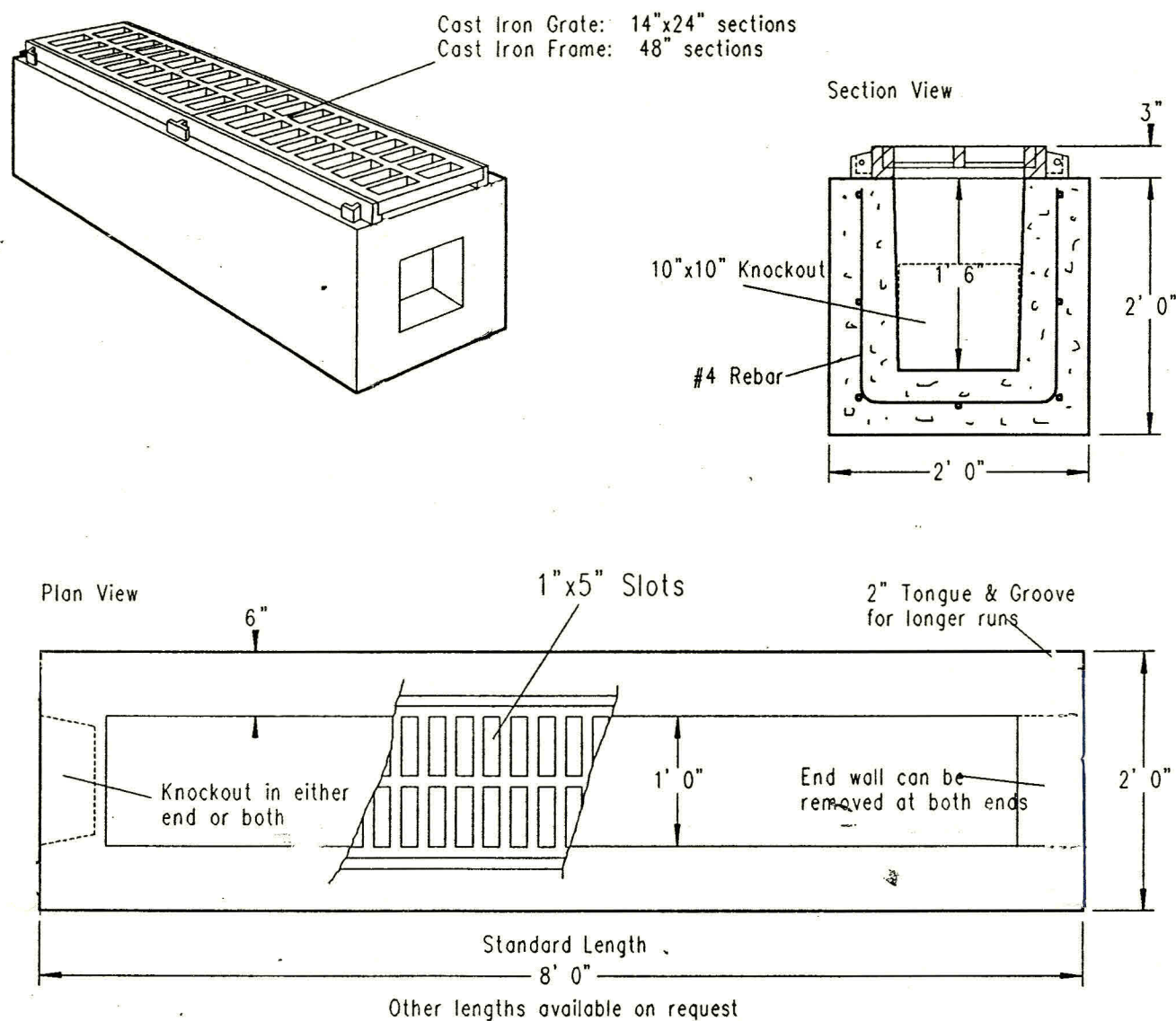
Castings

<u>Description:</u>	<u>SOLID COVERS</u>
ESP 1007A	24" round lid x 3" high frame
ESP 1007B	24" round lid x 4" high frame
ESP 1007C	24" round lid x 6" high frame
ESP 1009A	25 ¾" round lid x 4" high frame
ESP 1009B	25 ¾" round lid x 6" high frame
ESP 1009	25 ¾" round lid x 8" high frame
ESP 1012A	32" round lid x 6 ½" high frame
ESP 1012D	32" round lid x 4" high frame
ESP 1032	24" round lid x 7" high frame
ESP 1202B	25 3/8" round lid x 8" high frame
ESP 1203B	25 ¾" round lid x 8" high frame
ESP 24L/W	24" round lid x 4" high locking watertight frame 24" round lid x 6" high locking watertight frame
ESP 25 ¾ L/W	25 ¾" round lid x 4" high locking watertight frame 25 ¾" round lid x 8" high locking watertight frame
ESP 30 L/W	32" round lid x 4" high locking watertight frame
ESP 12	12" round lid x 3" high light duty frame
ESP 18	18" round lid x 3" high light duty frame
ESP 24	24" round lid x 3" high light duty frame
ESP 36	36" round lid x 8" high frame
ESP 12x12	12"x12"x 3" high square frame/ solid cover
ESP 18x18	18"x18" x 3" high square frame/ solid cover
ESP 24x24	24"x24"x 3" high square frame/ solid cover
ESP 30x30	30"x30"x 2 ½" high square frame/ solid cover
ESP 24x36	24"x36"x 4" high square frame/ solid cover
ESP SI244SF	24"x24"x 4" high square frame / 24" round solid cover

Paving Risers

ESP 24EXT	24" round x 1" high riser ring 24" round x 1 ½" high riser ring 24" round x 2" high riser ring
ESP 25 ¾ EXT	25 ¾" round x 1 ½" high riser ring 25 ¾" round x 2" high riser ring
ESP 32EXT	32" round x 2" high riser ring

<u>Description:</u>	<u>GRATED</u>
ESP 1182B	24" round grate x 4" high frame
ESP 1182C	24" round grate x 6" high frame
ESP 1182D	24" round grate x 8" high frame
ESP 1184	25 ¾" round grate x 8" high frame
ESP 1012D G	32" round grate x 4" high frame
ESP 12G	12" round grate x 3" high light duty frame
ESP 18G	18" round grate x 3" high light duty frame
ESP 24G	24" round grate x 3" high light duty frame
ESP 8x8	8"x8"x 3" high light duty square frame/ grated lid
ESP 12x12	12"x12"x 3" high light duty square frame/ grated lid
ESP 18x18	18"x18"x 3" high medium duty square frame/ grated lid
ESP 24x24	24"x24"x 3 3/8" high square frame/ grated lid
ESP 26x26	26"x26"x 2 ¾" high square frame/ grated lid
ESP 30x30	30"x30"x 2 ½" high square frame/ grated lid
ESP 24x36	24"x36"x 4" high rectangular frame/ grated lid
ESP SI244SFG	24"x24"x 4" high square frame / 24" round grated lid
ESP 2633	30"x36" inlet grate w/ 6" high curb piece (21 ¾" x 35 ¾" grate) 30"x36" inlet grate w/ 8" high curb piece (21 ¾" x 35 ¾" grate)
ESP 2617	30"x48" inlet grate w/ 6" high curb piece (21 ¾" x 47 ¾" grate) 30"x48" inlet grate w/ 8" high curb piece (21 ¾" x 47 ¾" grate)
ESP 2618	42"x48" inlet grate w/ 6" high curb piece & back plate (21 ¾" x 47 ¾" grate) 42"x48" inlet grate w/ 8" high curb piece & back plate (21 ¾" x 47 ¾" grate)
ESP 2639	36"x48" inlet grate w/ 8" high curb piece (30" x 49 ¼" grate)
ESP 3425	45"x48"x5" high inlet frame w/ grate (21 ¾" x 47 ¾" double grates)
ESP 3430A	22"x32"x5" high inlet frame w/ 20 ½" x 34 1/8" grate
ESP 3430B	22"x36"x5" high inlet frame w/ 21 ¾" x 35 ¾" grate
ESP 3405	22"x48"x5" high inlet frame w / 21 ¾" x 47 ¾" grate
ESP 3408	30"x48"x5" high inlet frame w/ 30" x 49 ¼" grate
<u>TRENCH DRAIN:</u>	
ESP 4526	12" wide x 24" long trench grate (4' long frame sections)
ESP 4526A	14" wide x 24" long trench grate (4' long frame sections)
<u>PAVING RISERS:</u>	
	36"x19 ½" x 1 ½" rise (for red grate in concrete flat tops)
	36"x19 ½" x 3" thick 2" rise (for red grate in concrete flat tops)
	30"x49 ¼" x 1 ½" paving riser (1 1/4" lid)
	30"x49 ¼" x2" paving riser (1 1/4" lid)



SPECIFICATIONS	
Concrete Minimum Strength: 4,000 psi at 28 days	PRECAST TRENCH DRAIN HEAVY DUTY MODEL TD-HD
Reinforcement: #4 Rebar	
Air Entrainment: 5%	EXPANDED SUPPLY PRODUCTS, INC. 3330 ROUTE 9 COLD SPRING, NY 10516 TEL. (845) 265-3771 FAX (845) 265-3772
Weight: 3,000 lbs	
Load Rating: H20, truck traffic	