

WESTVIEW
SALES LTD.

WESTVIEW SALES LTD.

9720 Venture Avenue S.E.
Calgary, Alberta. T3S 0A1

Phone: (403) 723-4288 Fax: (403) 723-4228

SECTION 1

MANHOLE FRAMES & COVERS

SECTION 2

CATCH BASIN FRAMES & GRATES

SECTION 3

VALVE BOXES

SECTION 4

SERVICE BOXES

SECTION 5

TREE GRATES & MISC.

SECTION 6

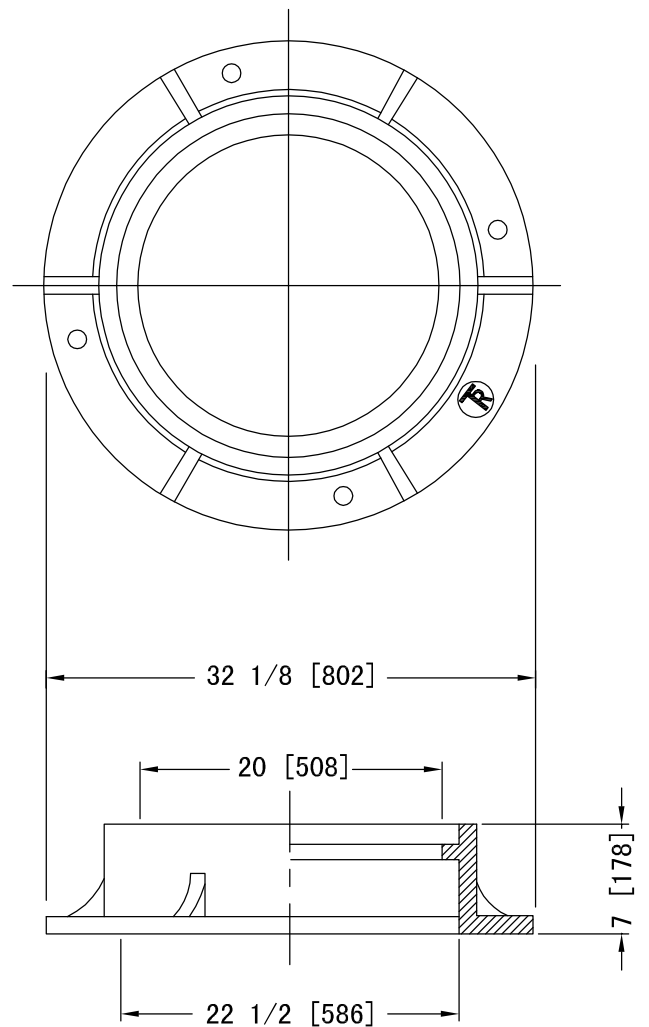
C153 DI PUSH ON FITTINGS



SECTION 1:

MANHOLE FRAMES & COVERS





NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

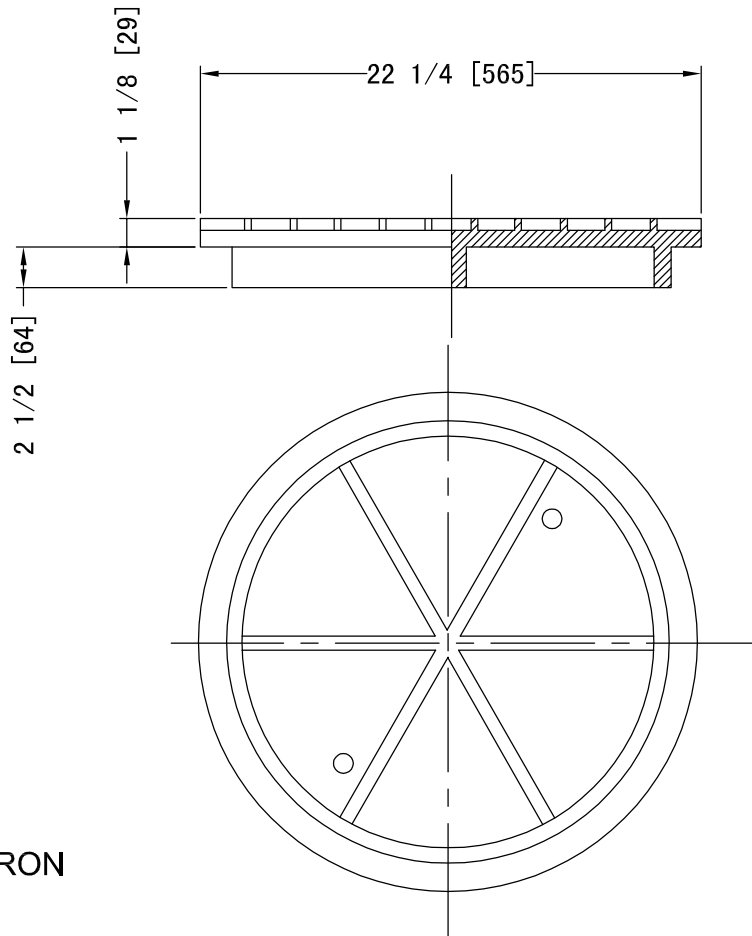
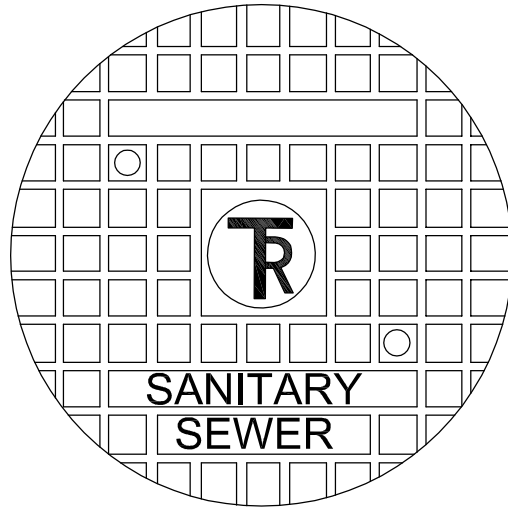
FINISH:BITUMINOUS DIP

LOADING:H2O

USED WITH TR 18 COVER

WESTVIEW SALES LTD.

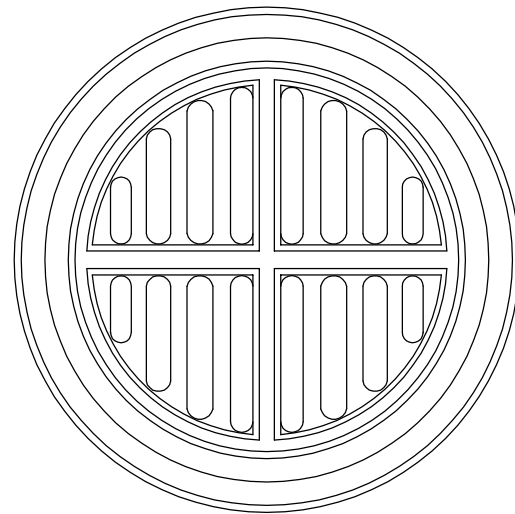
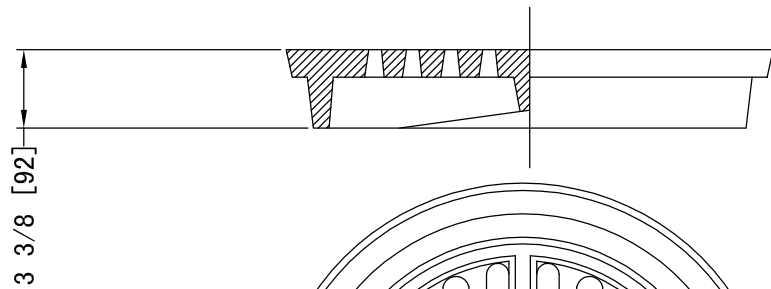
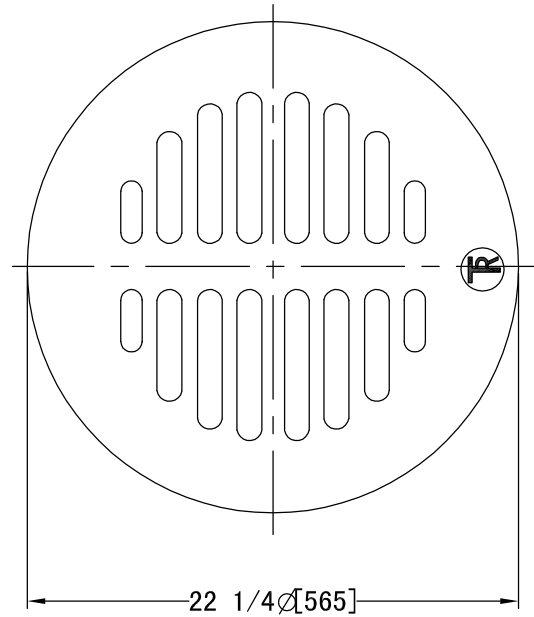
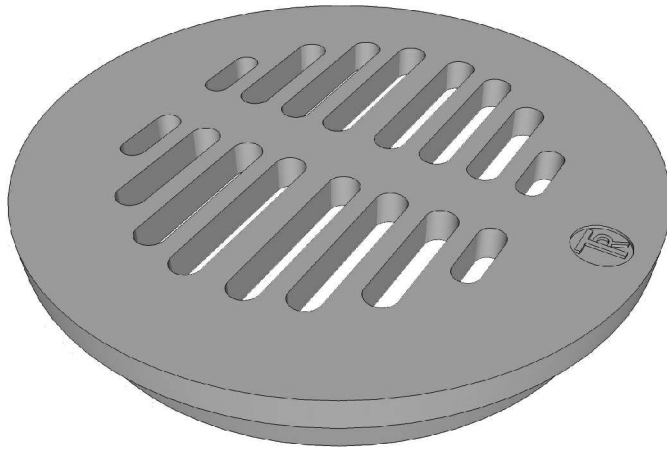
TR18 FRAME



NOTES:
 MAT'L:ASTM A48 CLASS 25 GREY IRON
 FINISH:BITUMINOUS DIP
 LOADING:H20
 FITS TR 18FRAME

WESTVIEW SALES LTD.

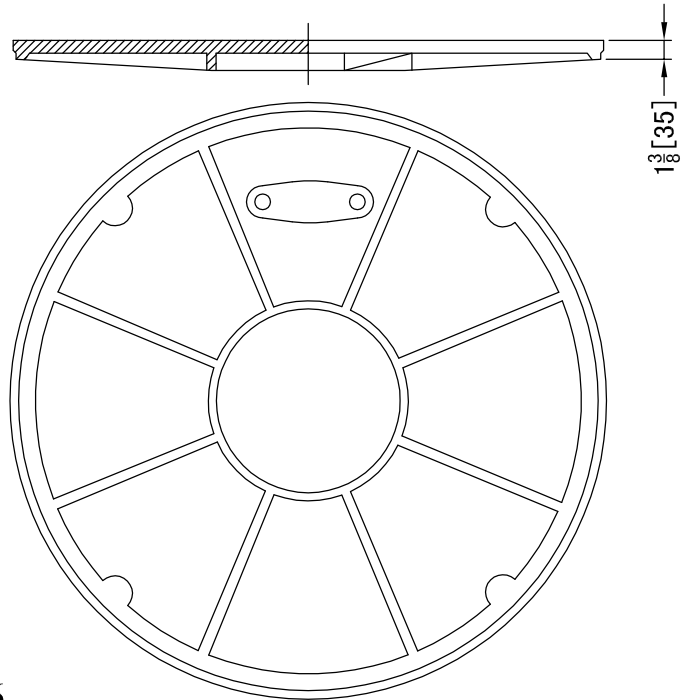
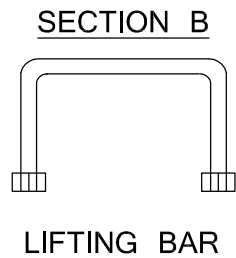
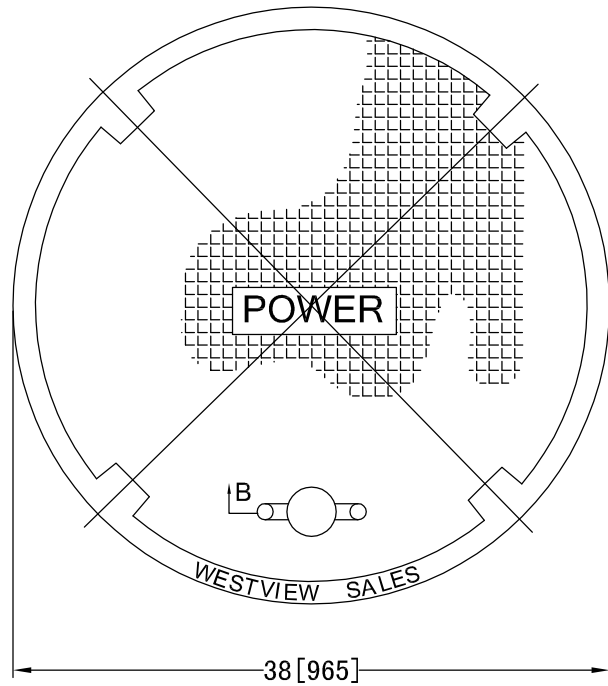
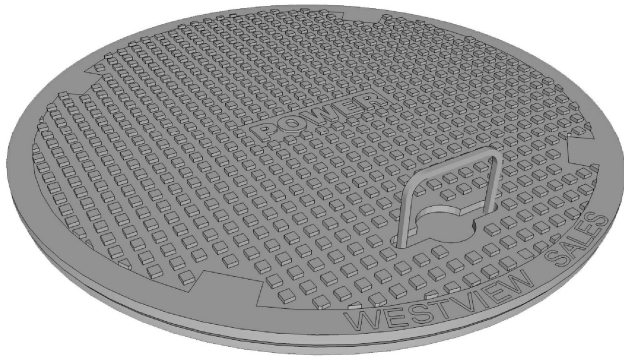
TR18 COVER



NOTES:
 MAT'L:ASTM A48 CLASS 25 GREY IRON
 FINISH:BITUMINOUS DIP
 LOADING:H20
 FITS TR 18FRAME

WESTVIEW SALES LTD.

TR18 GRATE



NOTES:

MAT'L:ASTM A536 DUCTILE IRON 80-55-06

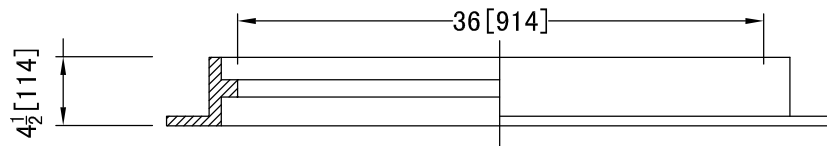
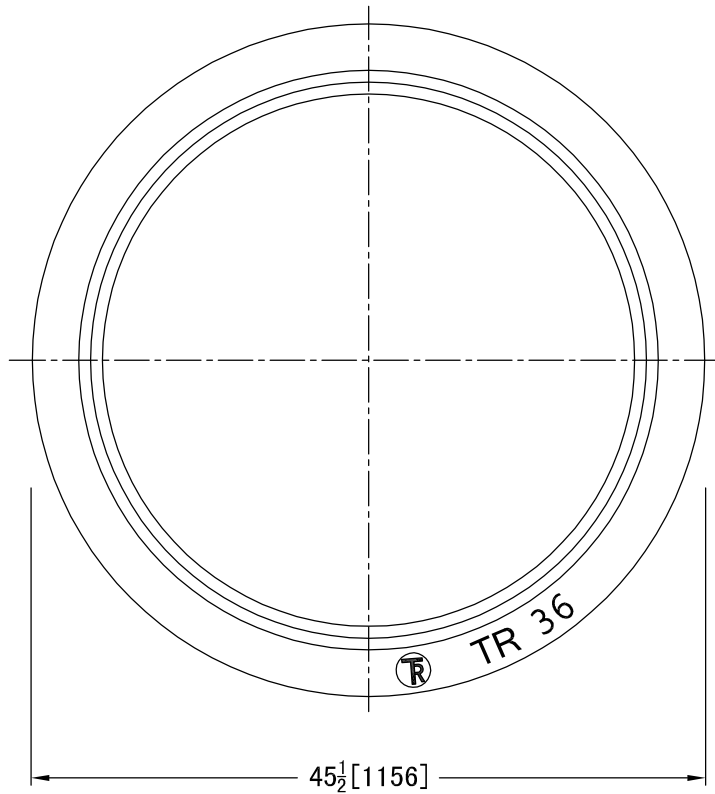
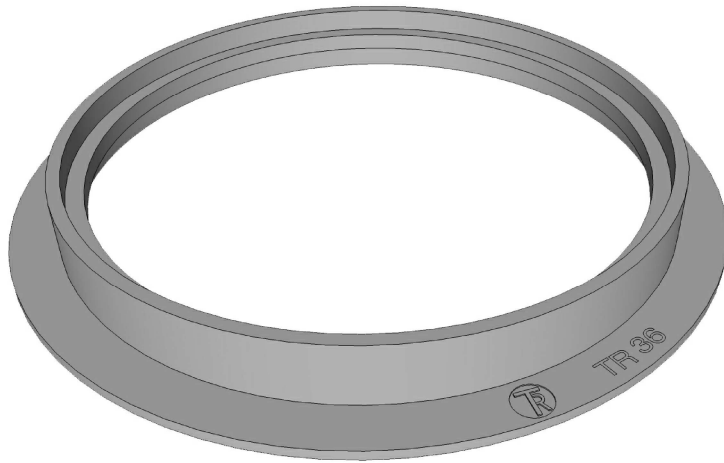
FINISH:BITUMINOUS DIP

LOADING:H20

AVAILABLE IN WATERTIGHT

WESTVIEW SALES LTD.

TR36 COVER



NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

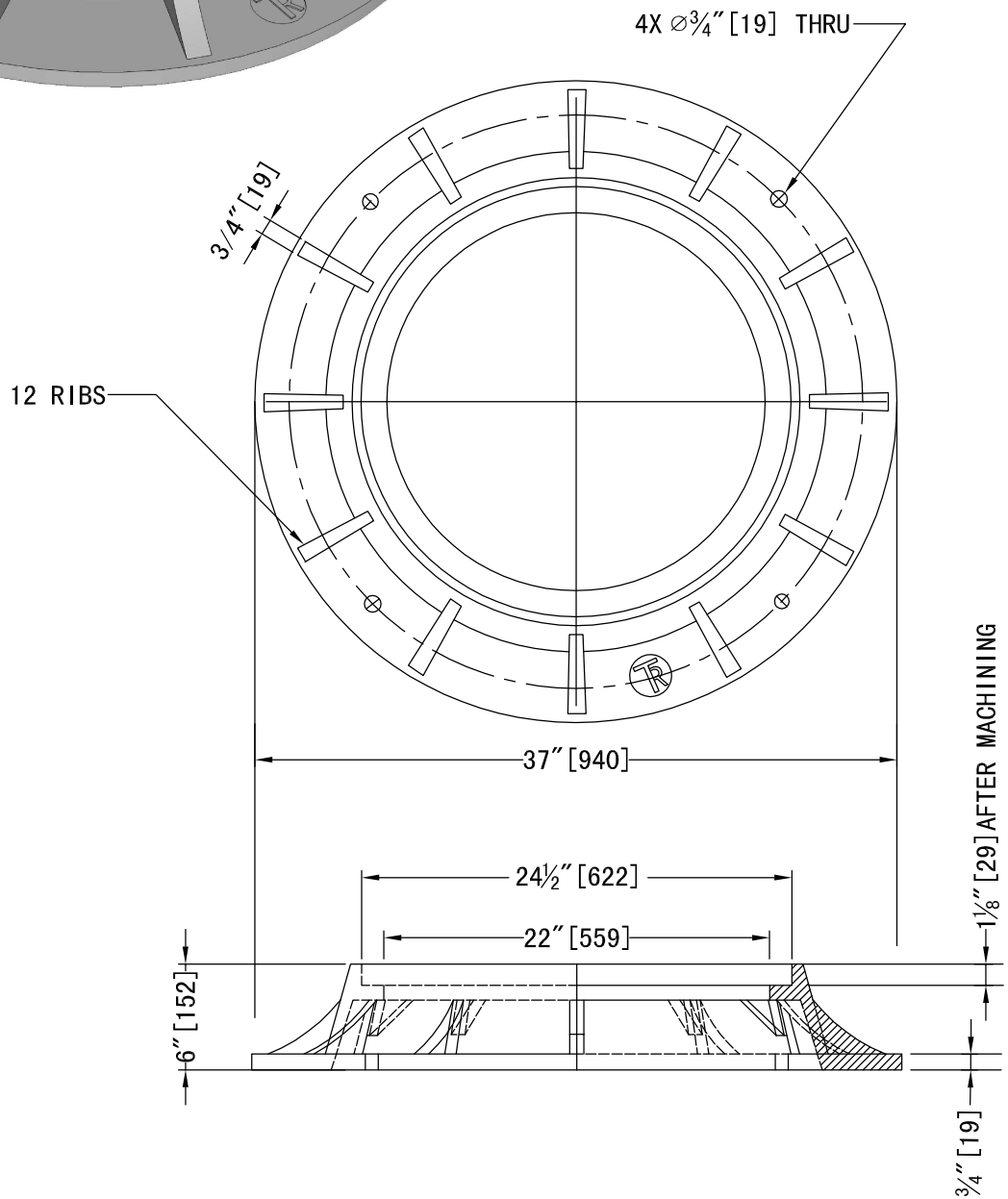
FINISH:BITUMINOUS DIP

LOADING:H20

AVAILABLE IN WATERTIGHT

WESTVIEW SALES LTD.

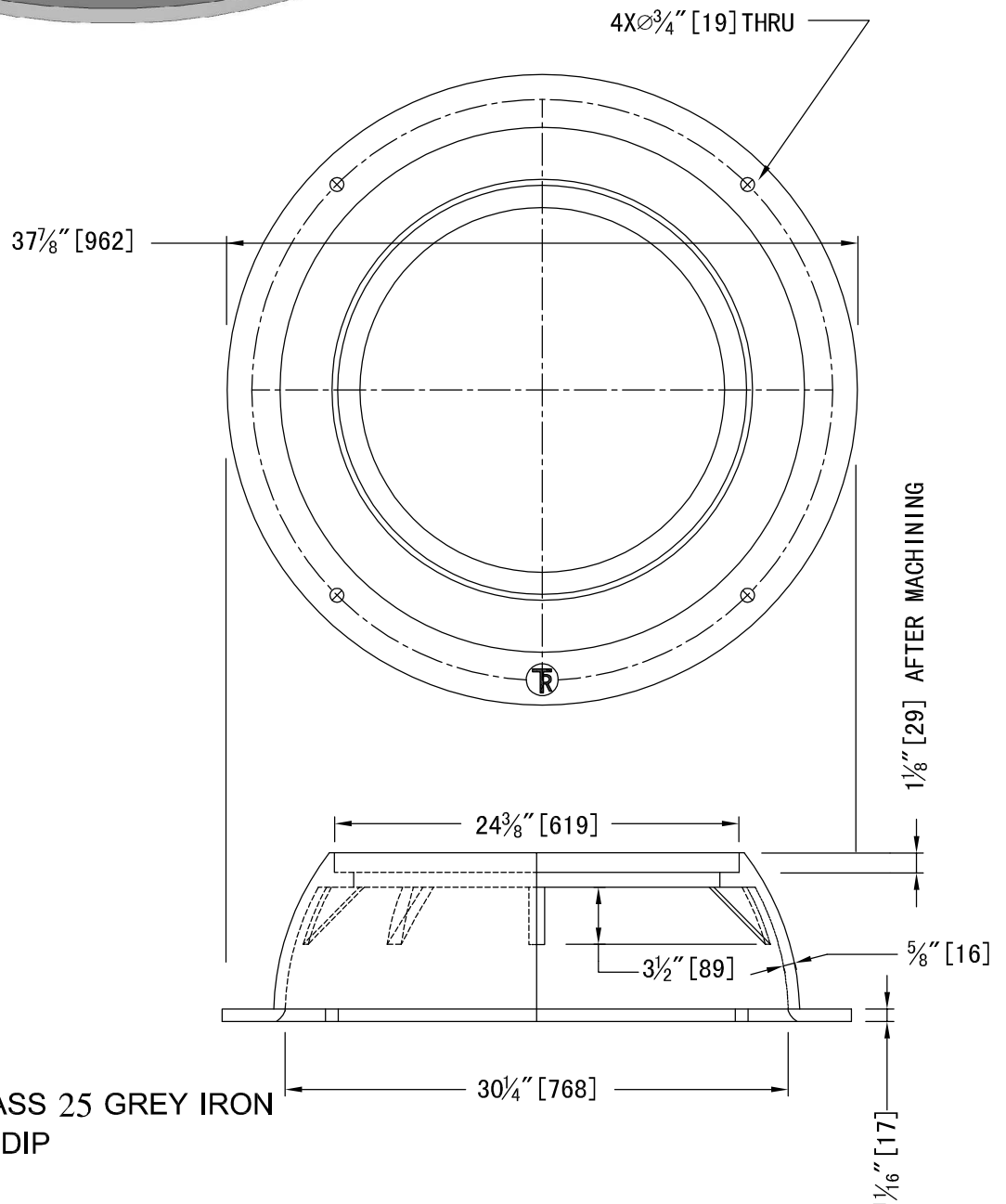
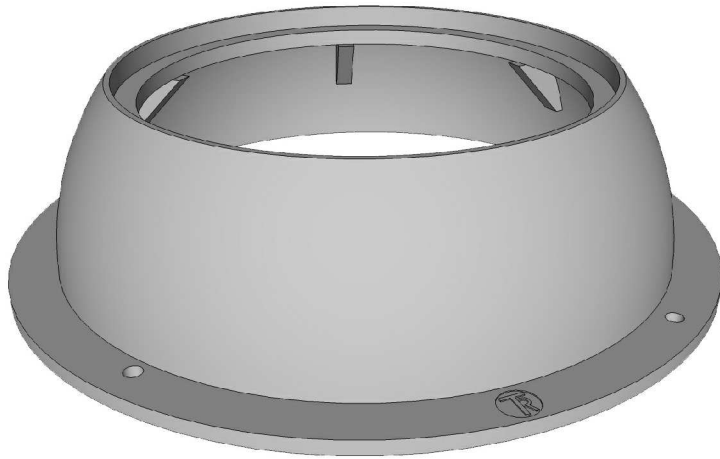
TR36 FRAME



NOTES:
 MAT'L:ASTM A48 CLASS 25 GREY IRON
 FINISH:BITUMINOUS DIP
 LOADING:H20

WESTVIEW SALES LTD.

RB2S FRAME



NOTES:

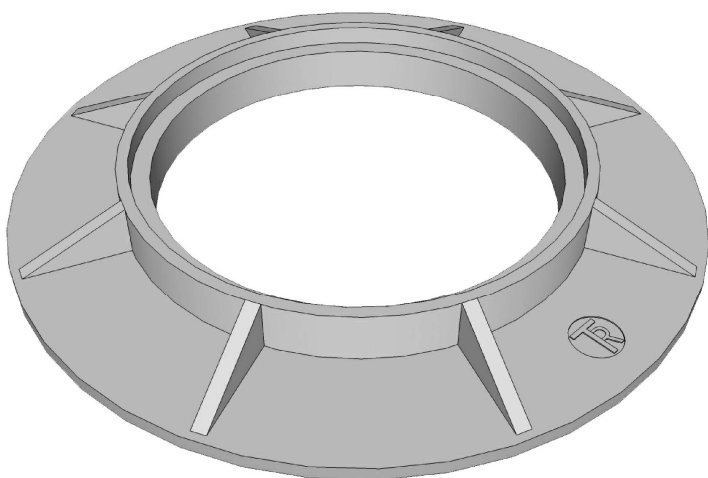
MAT'L:ASTM A48 CLASS 25 GREY IRON

FINISH:BITUMINOUS DIP

LOADING:H20

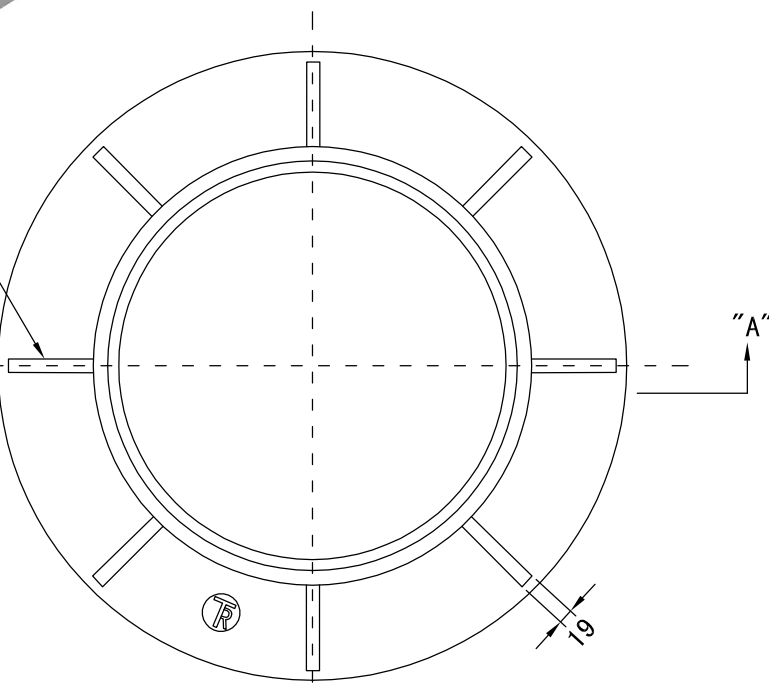
WESTVIEW SALES LTD.

RB2D FRAME

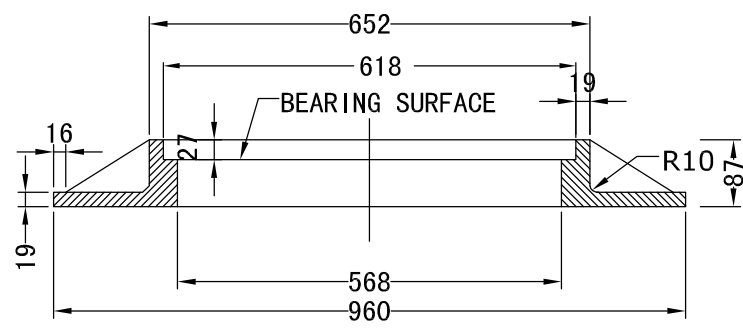


8 RIBS EQUALLY SPACED

"A"



PLAN



SECTION "A-A"

NOTES:

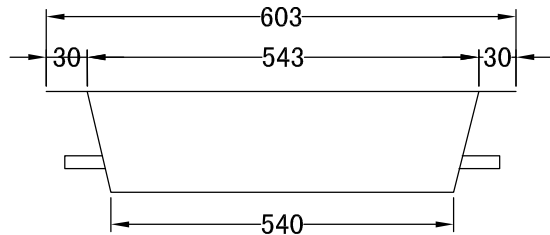
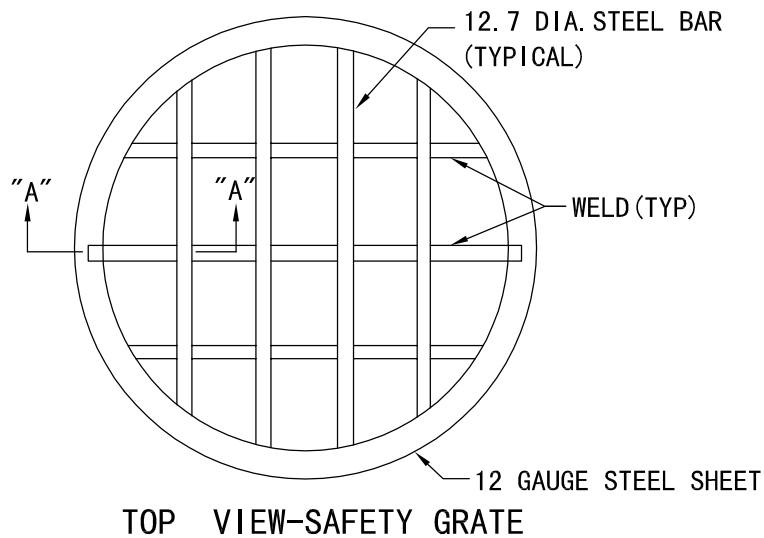
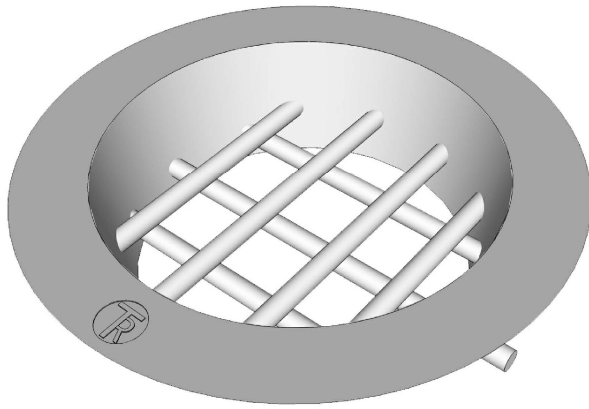
MAT'L:ASTM A536 DUCTILE IRON 80-55-06

FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

RB-2LP FRAME DI



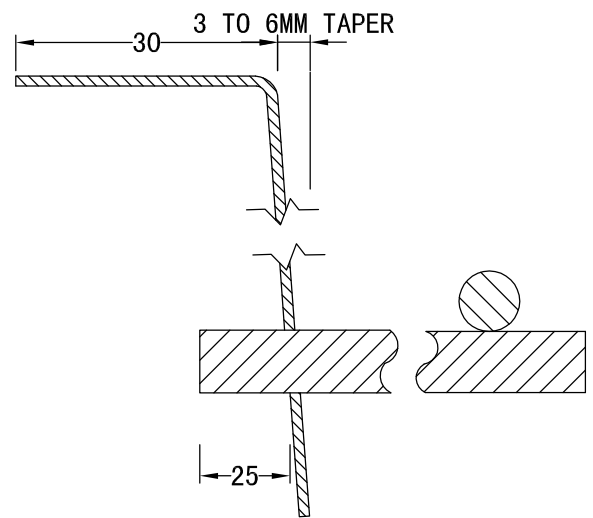
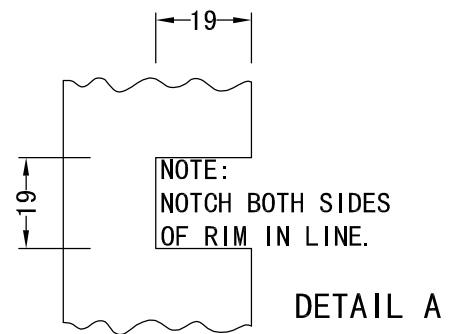
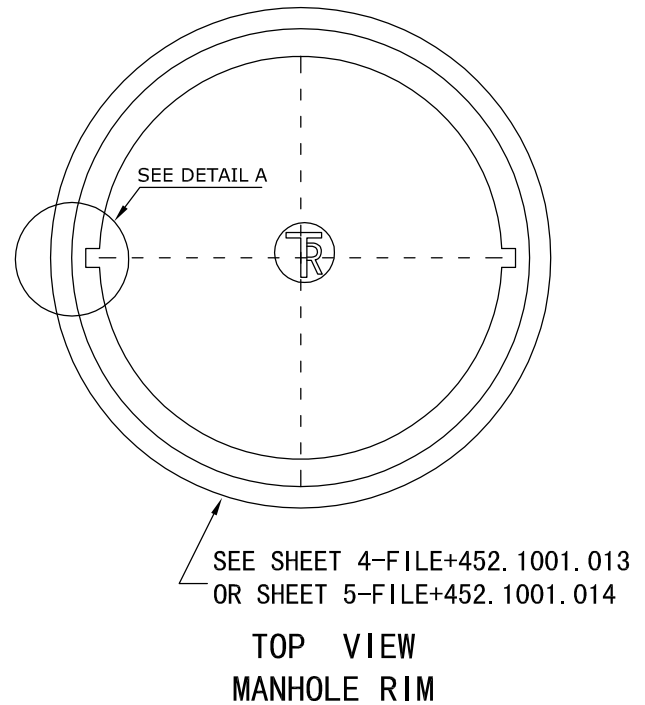
SIDE VIEW-SAFETY GRATE

NOTES:

- THE SAFETY GRATE IS TO BE USED ONLY IN MANHOLES WHERE THERE IS DANGER OF THE MANHOLE LID BEING PUSHED OFF DUE TO SURCHARGING. OR AT THE DISCRETION OF THE SEWER DESIGN ENGINEER.
- UPON INSTALLATION TURN GRATE ONE HALF TURE TO SECURE.

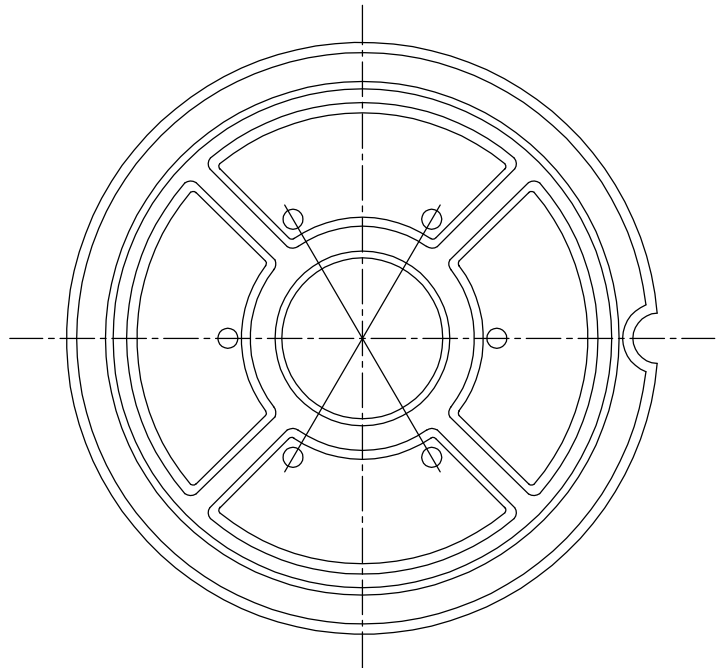
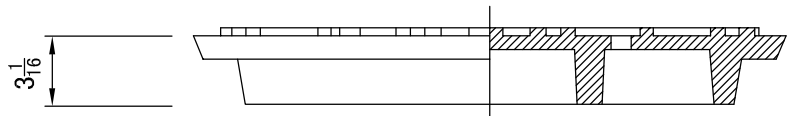
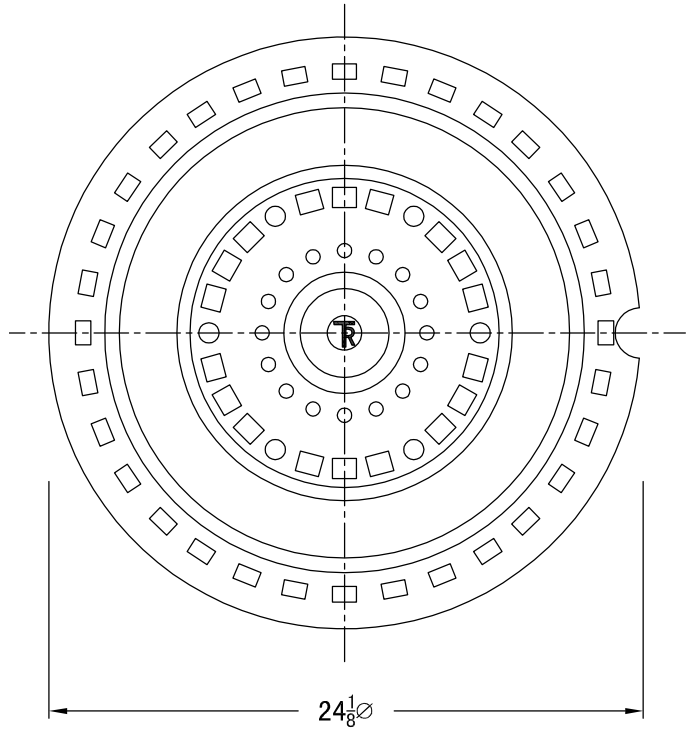
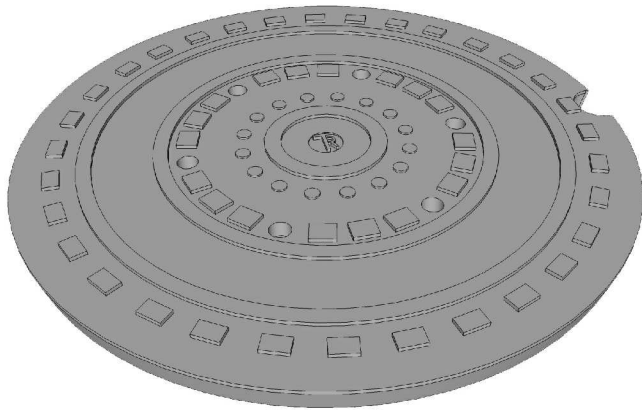
MATERIAL SPECIFICATIONS:

- ⚠ -SHALL BE COATED WITH ASPHALT VARNISH.



WESTVIEW SALES LTD.

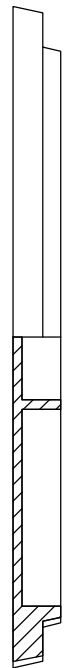
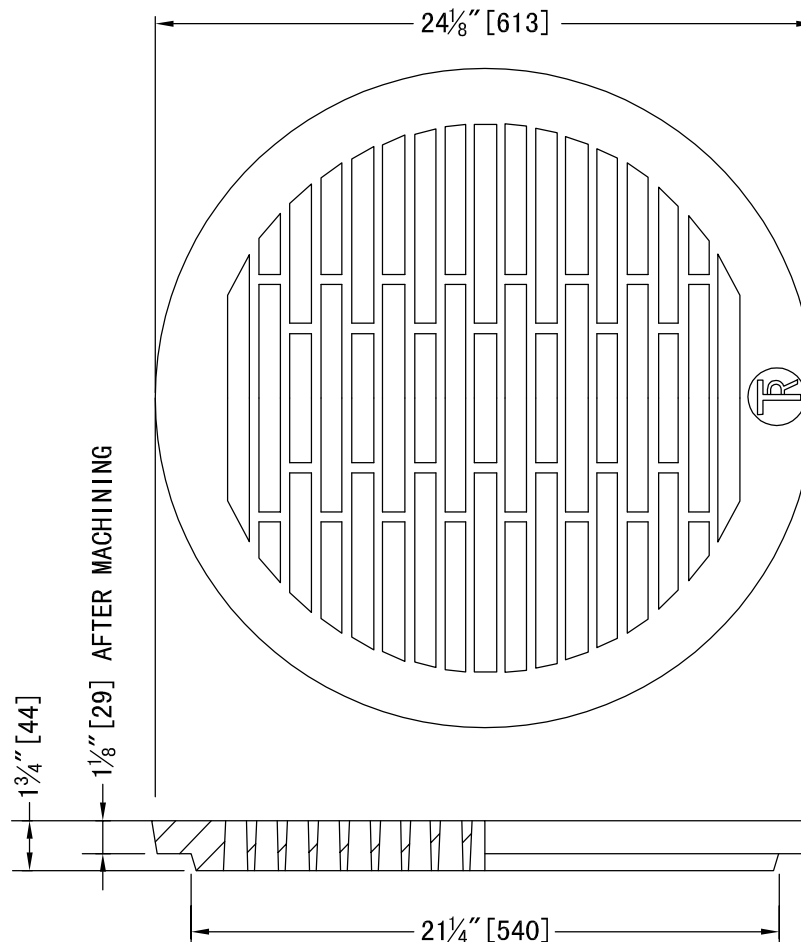
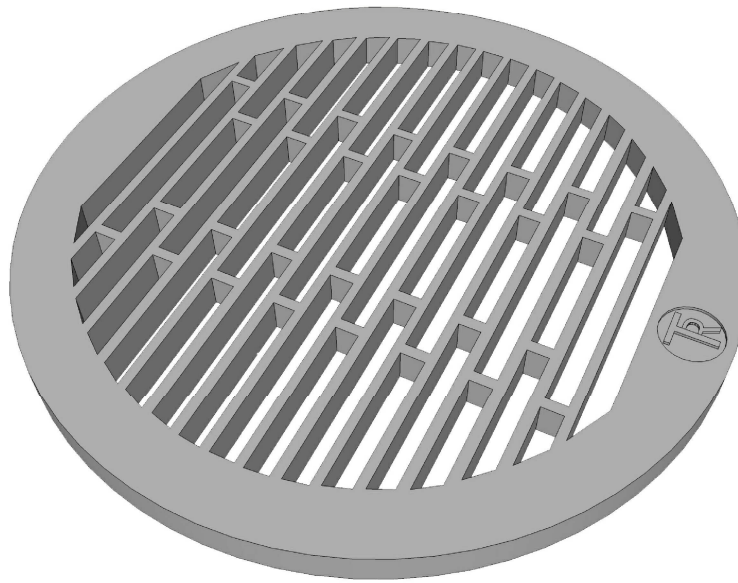
RB-2 SAFTY GRATE



NOTES:
MAT'L:ASTM A48 CLASS 25 GREY IRON
FINISH:BITUMINOUS DIP
LOADING:H20

WESTVIEW SALES LTD.

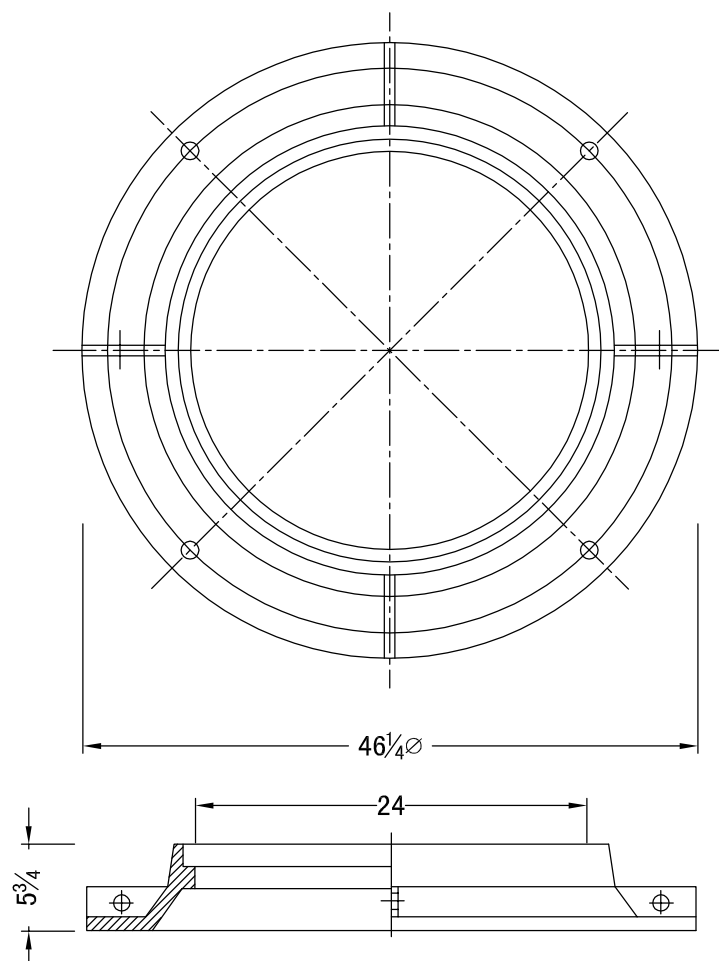
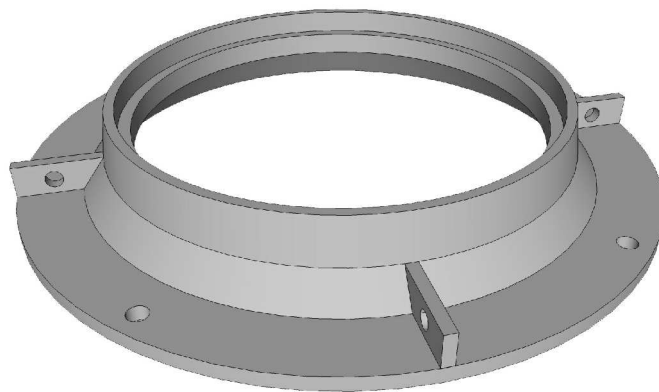
RB2C COVER



NOTES:
 MAT'L:ASTM A536 DUCTILE IRON 80-55-06
 FINISH:BITUMINOUS DIP
 LOADING:H20

WESTVIEW SALES LTD.

RB2G GRATE



NOTES:

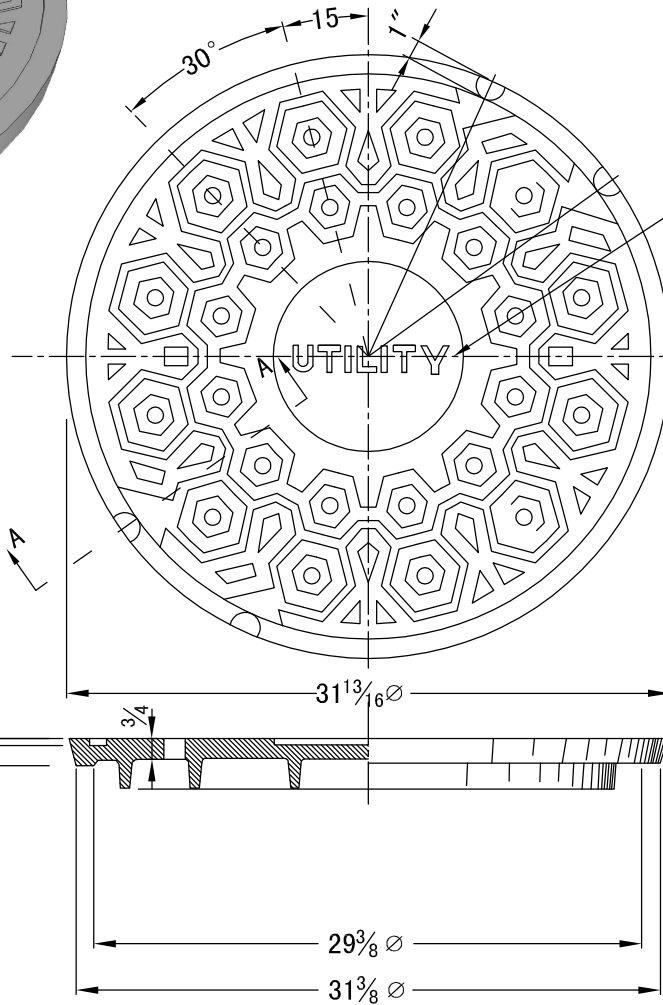
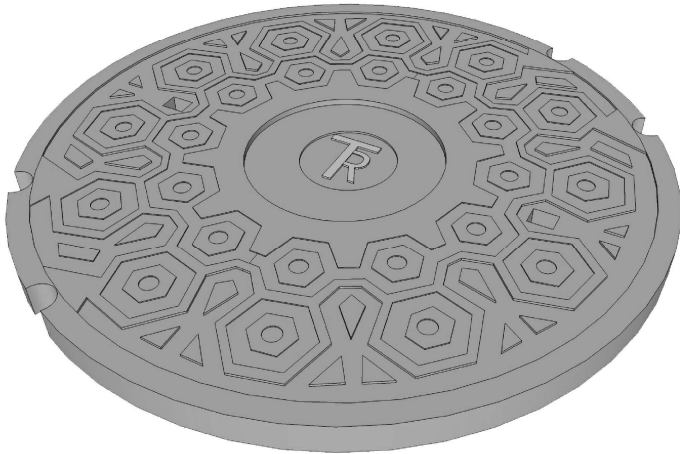
MAT'L:ASTM A48 CLASS 25 GREY IRON

FINISH:BITUMINOUS DIP

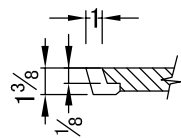
LOADING:H20

WESTVIEW SALES LTD.

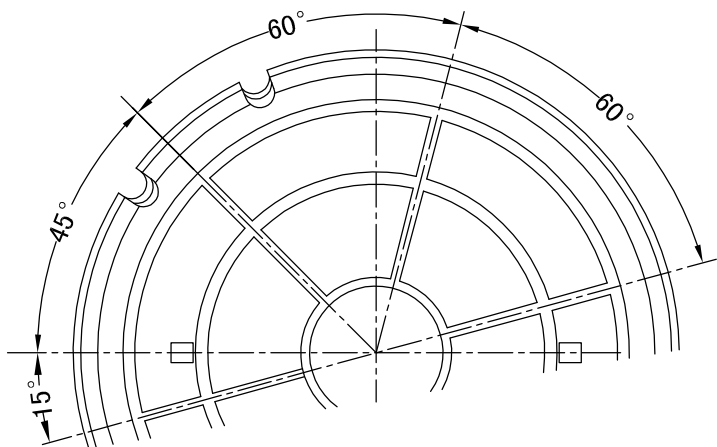
RB3046 FRAME



LETTERING TO
BE SPECIFIED.
OPTIONS:
1) TEL
2) POWER
3) UTILITY
RAISED FLUSH
WITH SURFACE



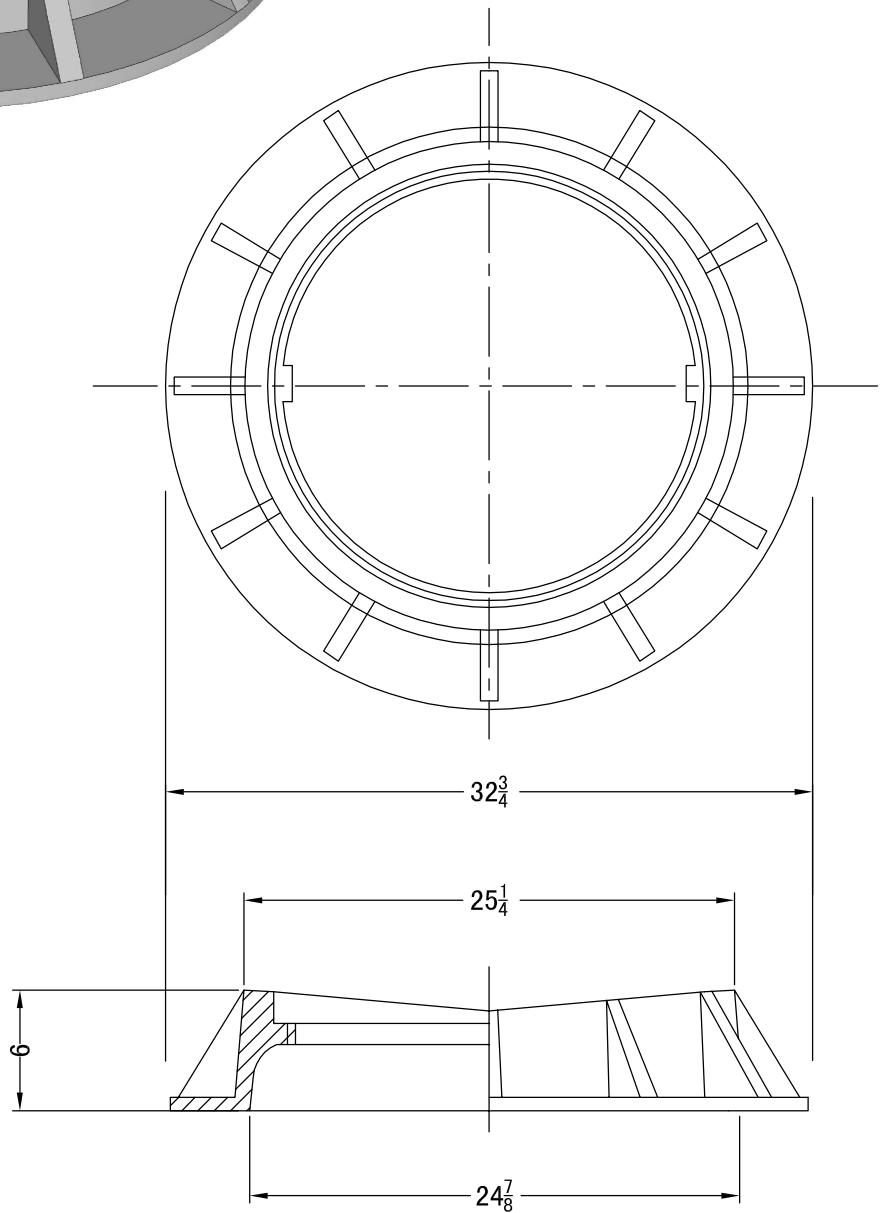
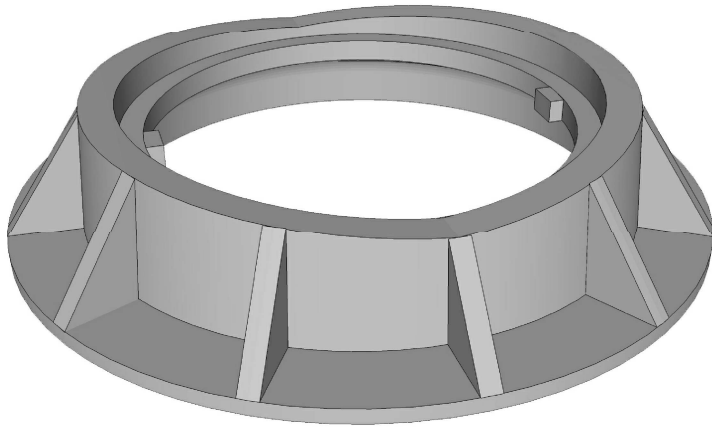
SECTION A-A
(TYP)



NOTES:
MAT'L:ASTM A48 CLASS 25 GREY IRON
FINISH:BITUMINOUS DIP
LOADING:H20

WESTVIEW SALES LTD.

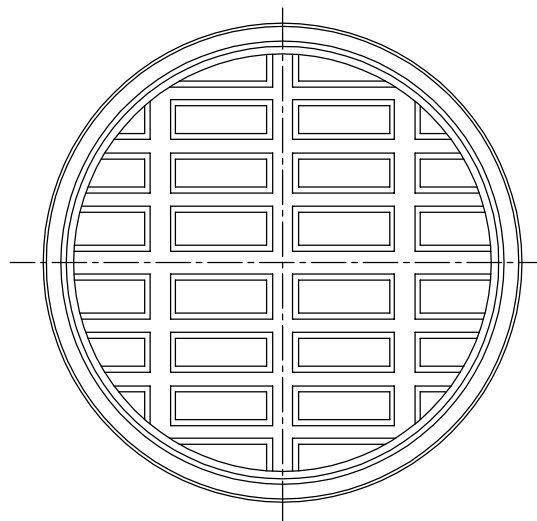
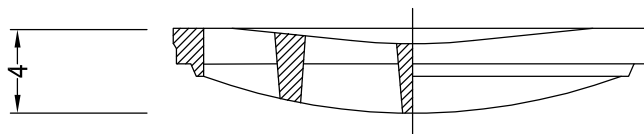
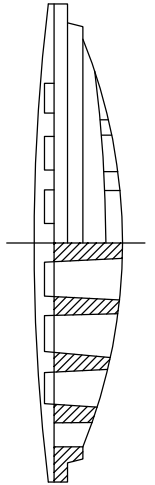
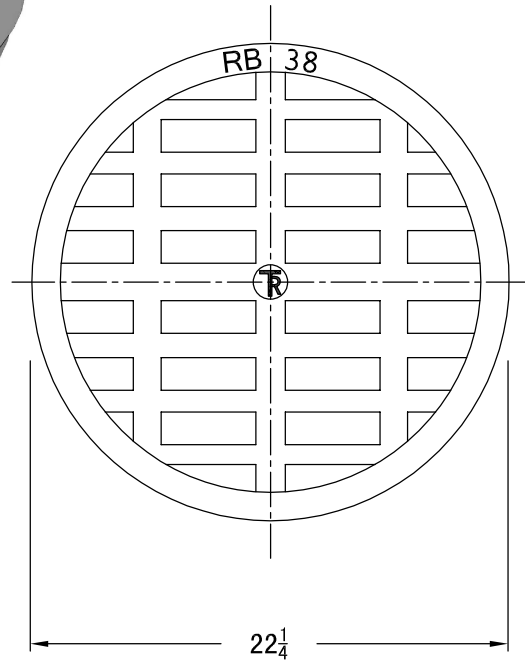
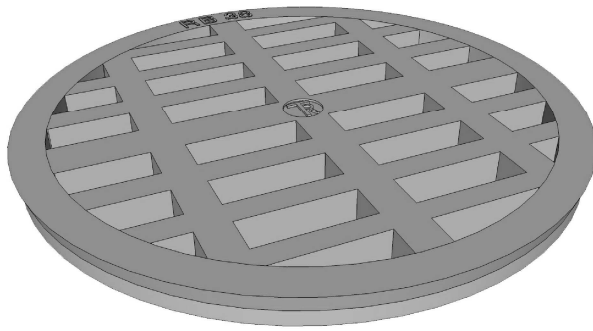
RB-3046 COVER BLANK



NOTES:
 MAT'L:ASTM A48 CLASS 25 GREY IRON
 FINISH:BITUMINOUS DIP
 LOADING:H20

WESTVIEW SALES LTD.

RB38 FRAME



NOTES:

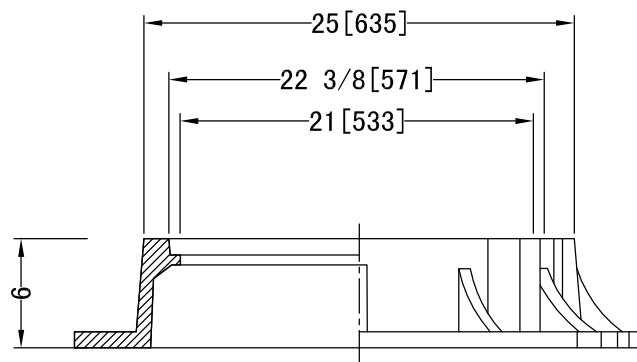
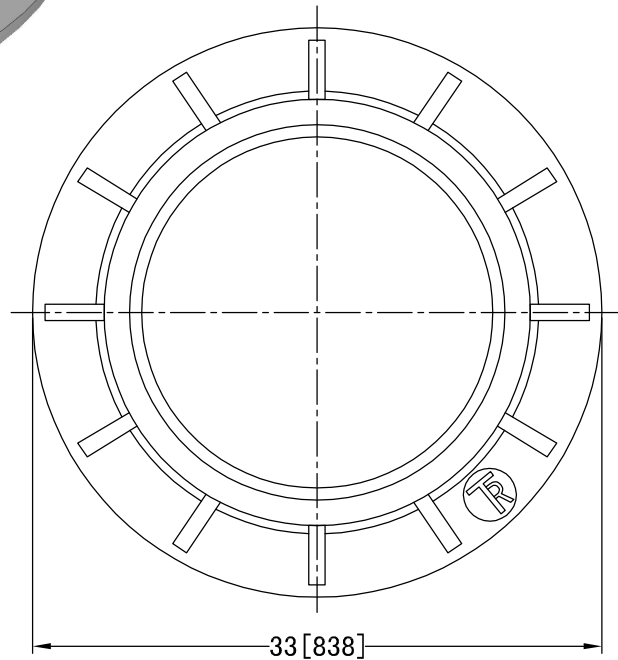
MAT'L:ASTM A48 CLASS 25 GREY IRON

FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

RB38 GRATE



NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

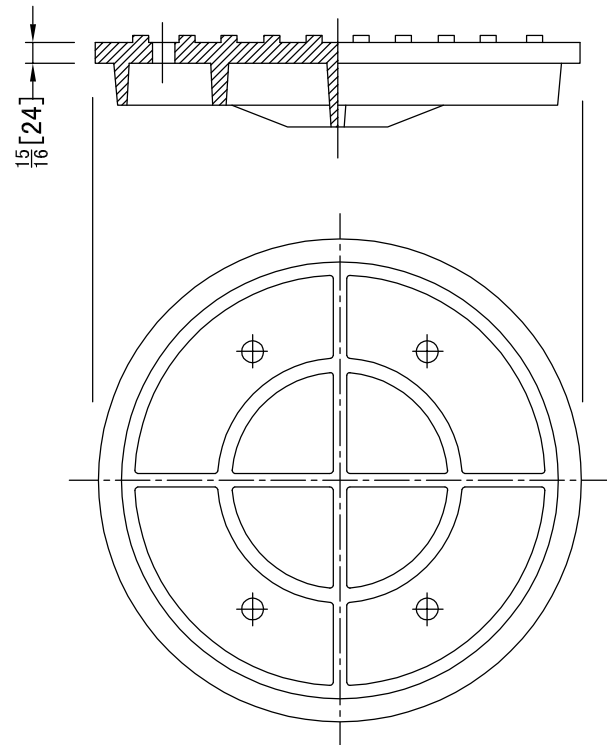
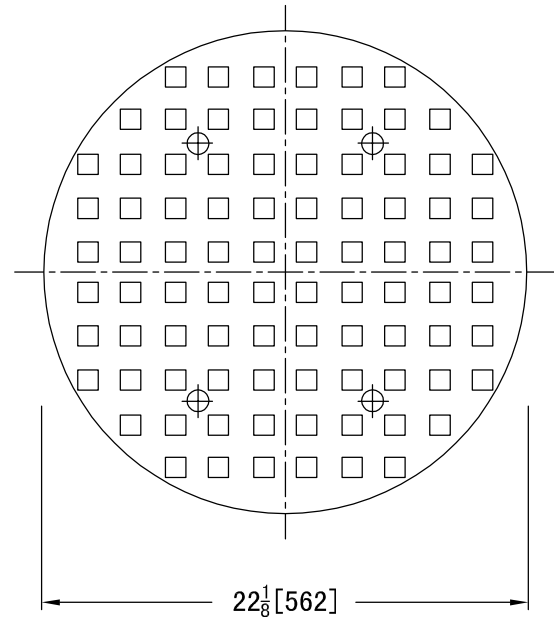
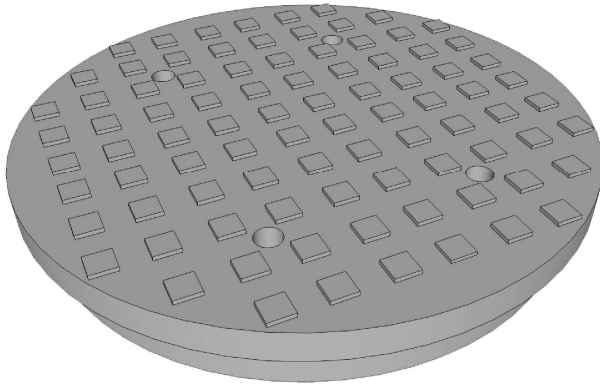
FINISH:BITUMINOUS DIP

LOADING:H20

USE WITH RB39 COVER

WESTVIEW SALES LTD.

RB39 FRAME



NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

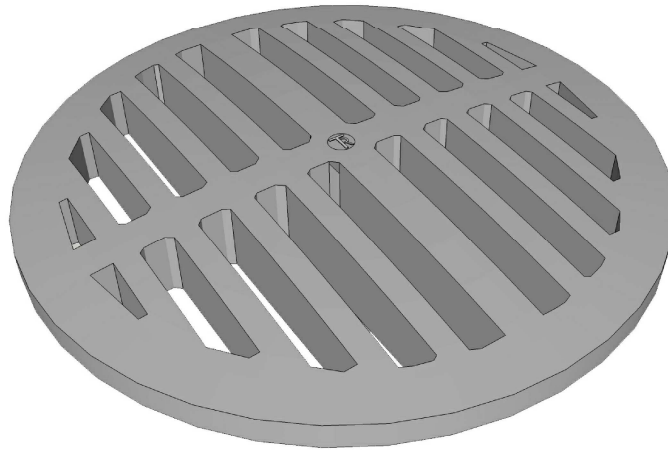
FINISH:BITUMINOUS DIP

LOADING:H20

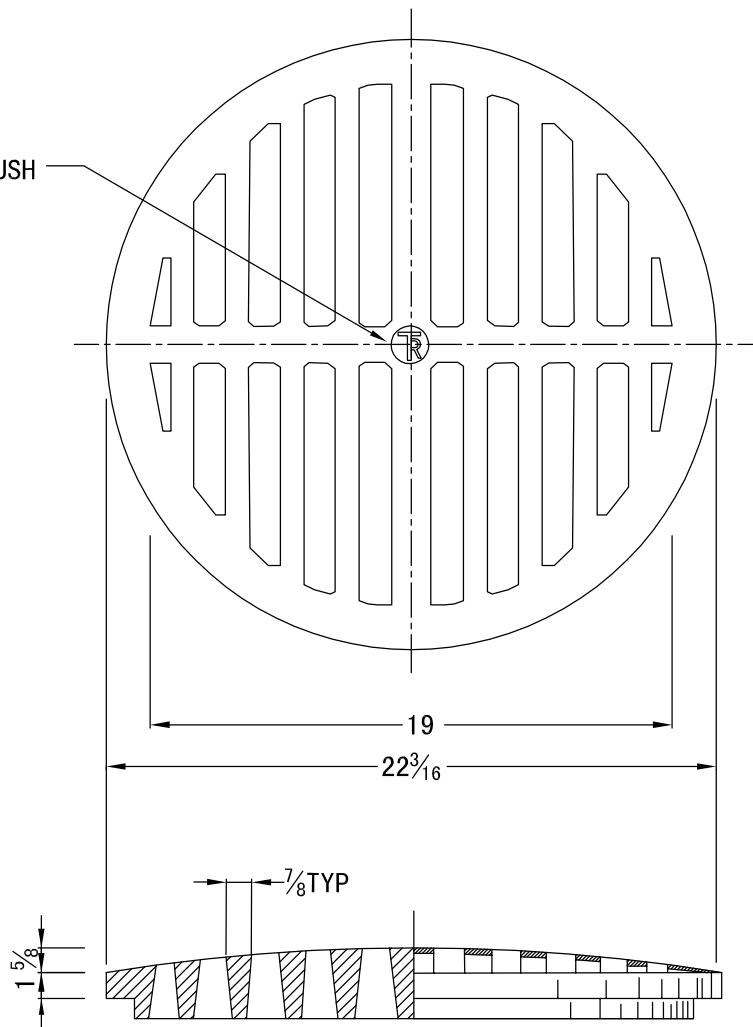
USE WITH RB-39 COVER

WESTVIEW SALES LTD.

RB39 COVER



1/8" DEPRESSION
LOGO RAISED FLUSH
WITH SURFACE



NOTES:

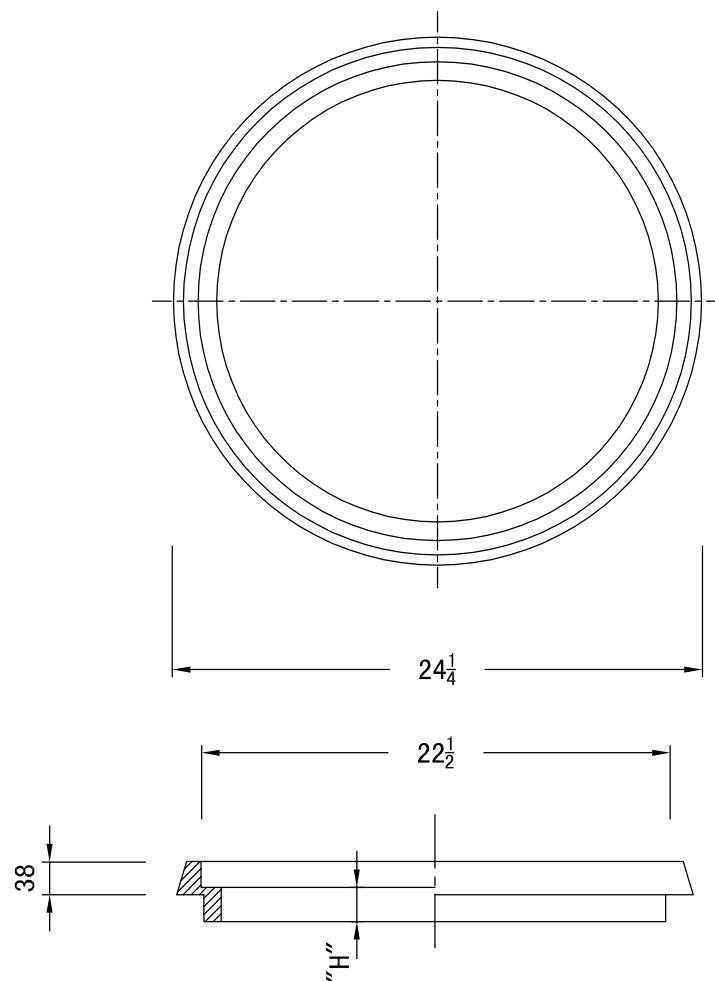
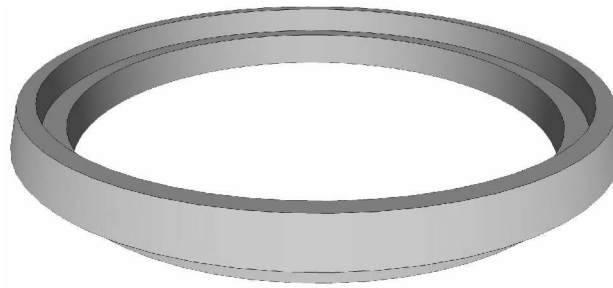
MAT'L:ASTM A48 CLASS 25 GREY IRON

FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

RB-39 GRATE



"H"
38
51
63
76
89
101
114
127

NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

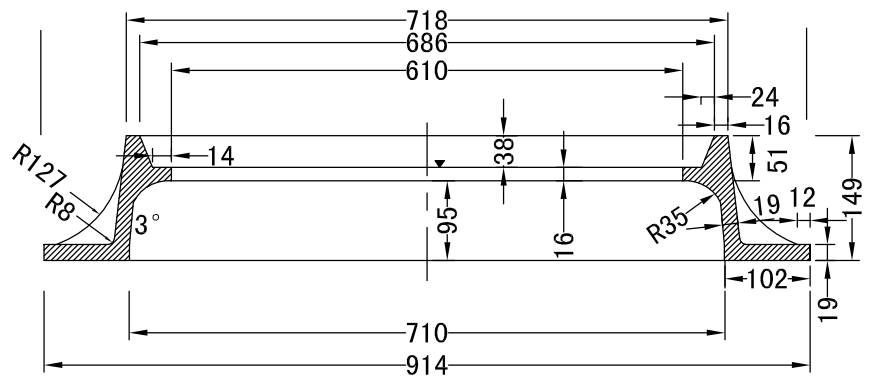
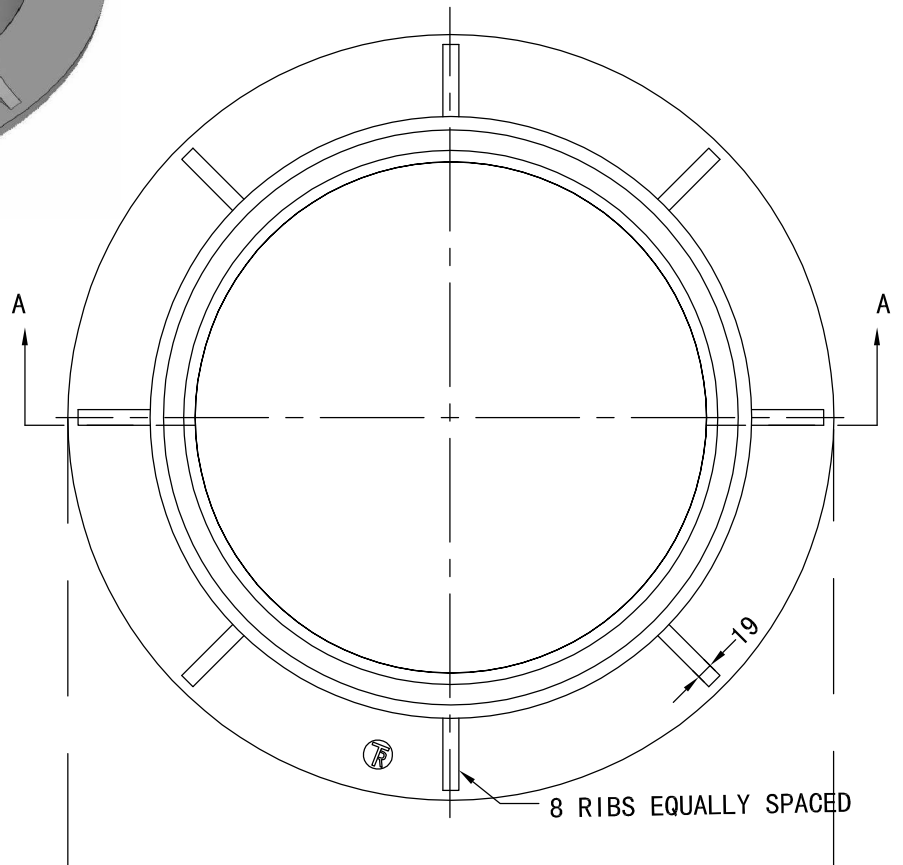
FINISH:BITUMINOUS DIP

LOADING:H20

FITS RB39 FRAME&COVER

WESTVIEW SALES LTD.

RB39C RISER RING



NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

FINISH:BITUMINOUS DIP

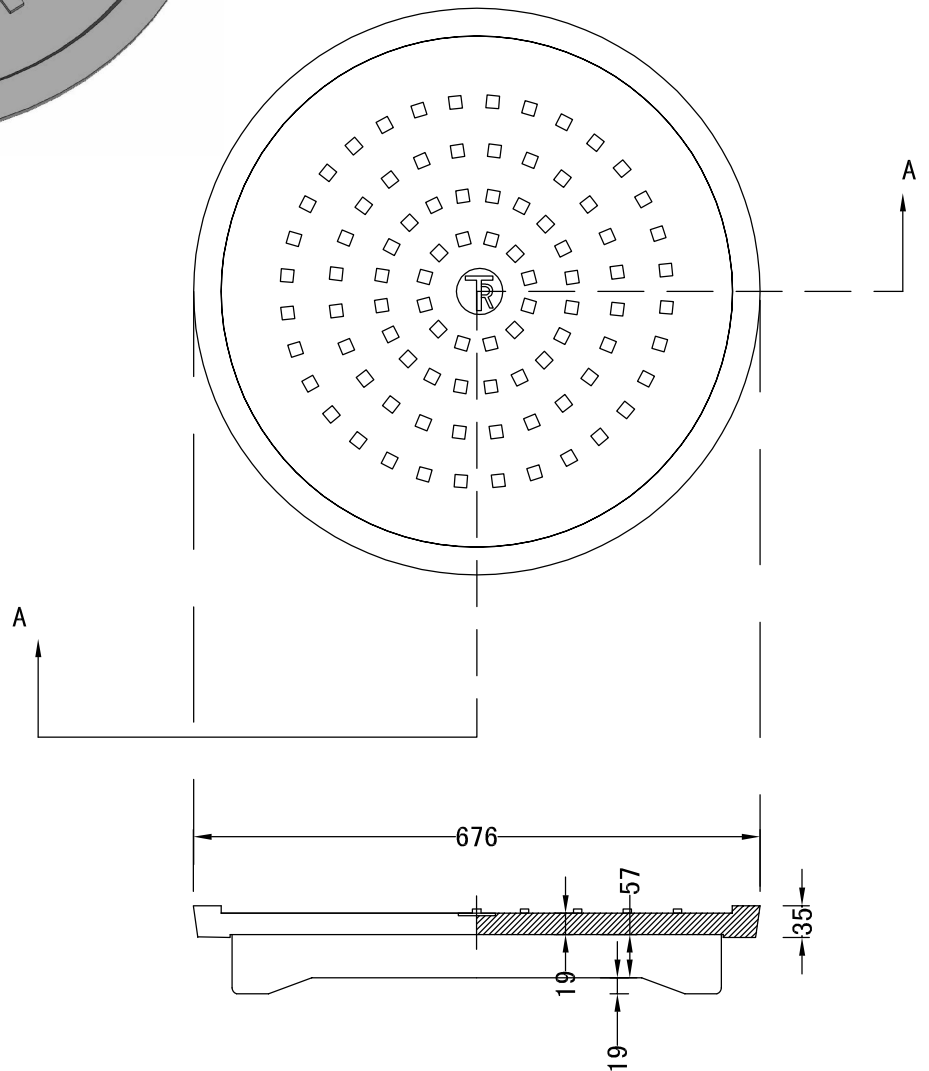
LOADING:H20

SECTION A-A

WESTVIEW SALES LTD.

STANDARD
MANHOLE FRAME

RB67F FRAME



SECTION A-A

NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

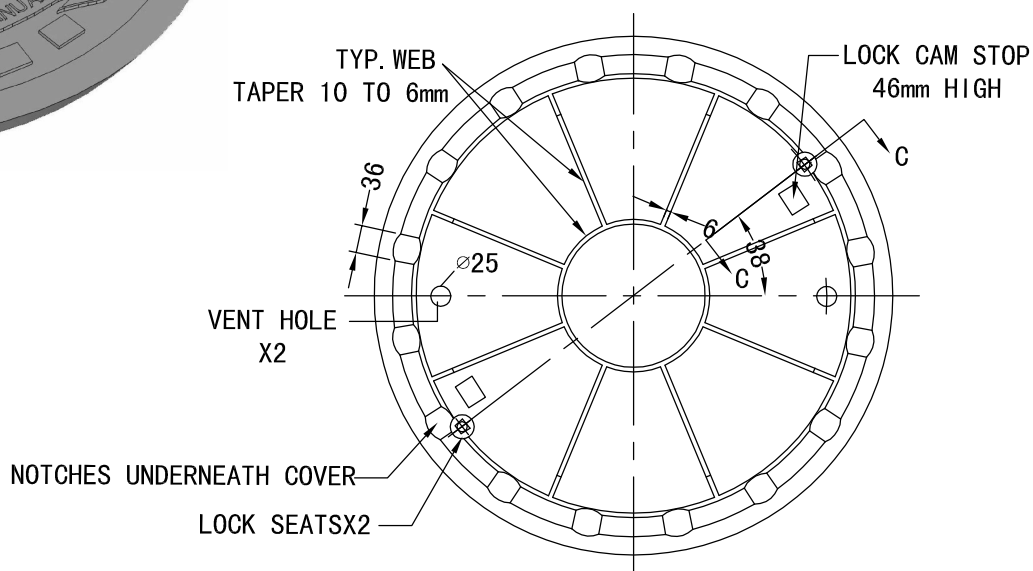
FINISH:BITUMINOUS DIP

LOADING:H20

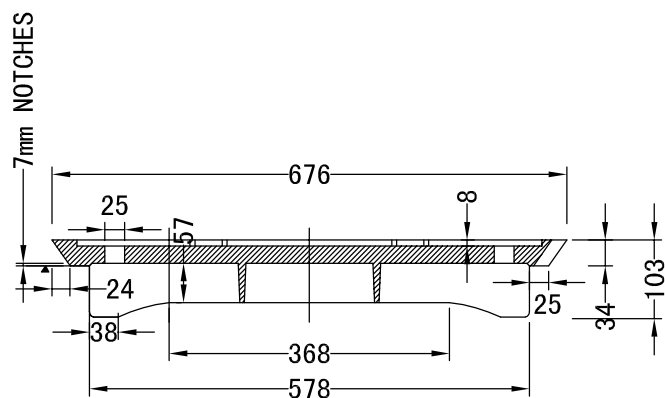
WESTVIEW SALES LTD.

STANDARD
MANHOLE COVER

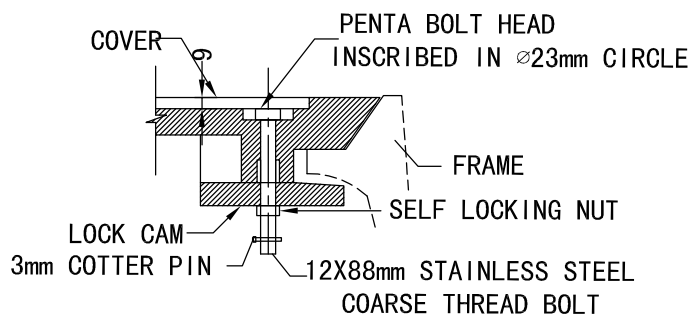
RB67C COVER



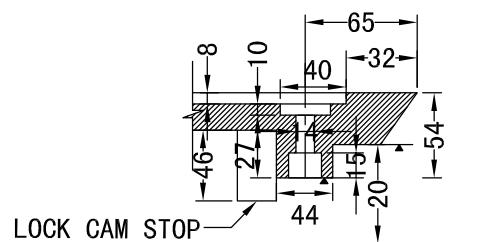
BOTTOM VIEW



SECTION B-B



COVER WITH LOCK
2LOCKS PER COVER



SECTION C-C

NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

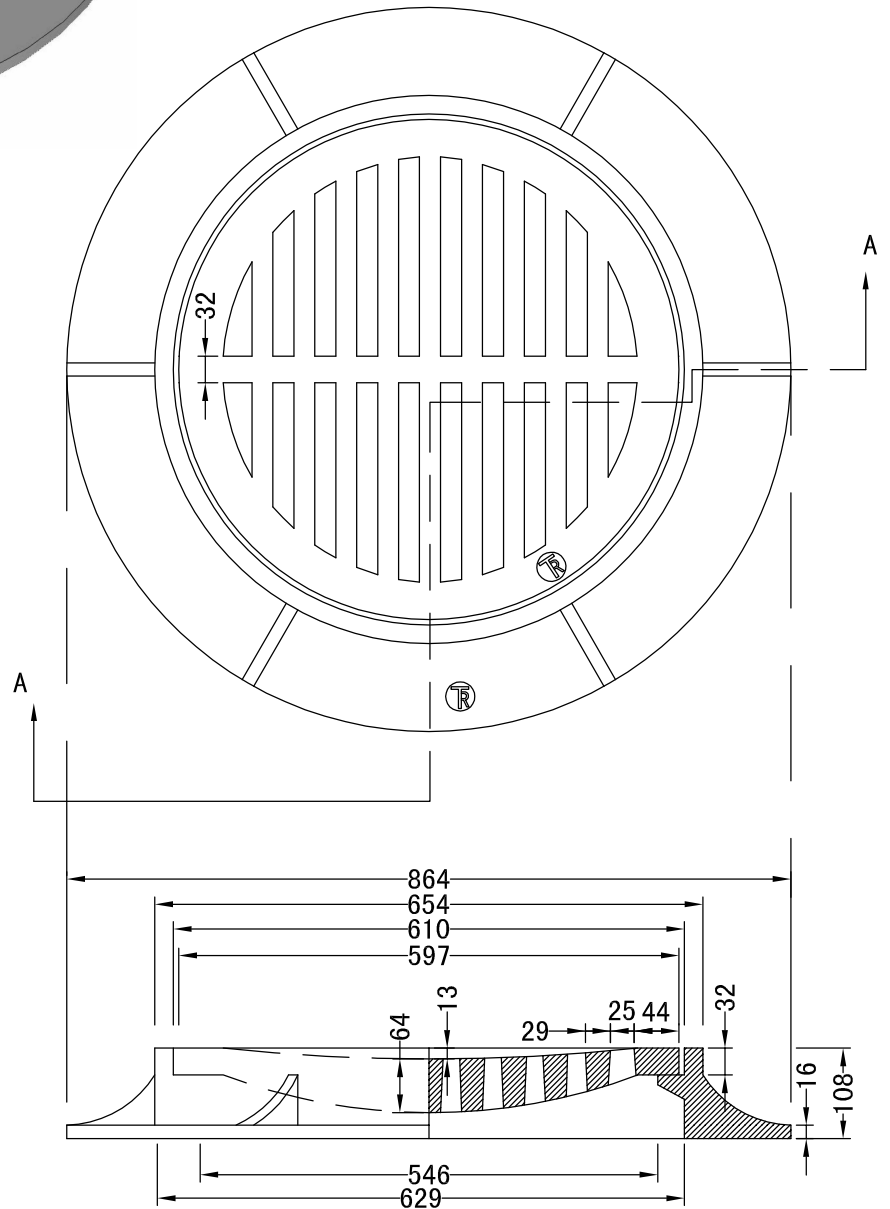
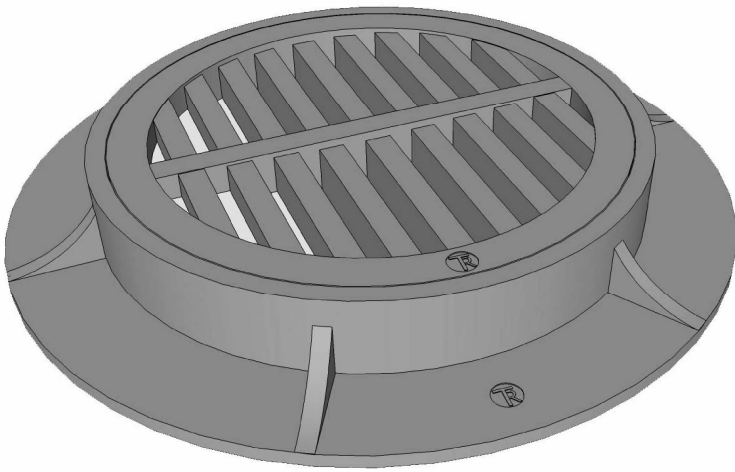
FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

LETHBRIDGE
COVER

RB67CL LOCKING COVER



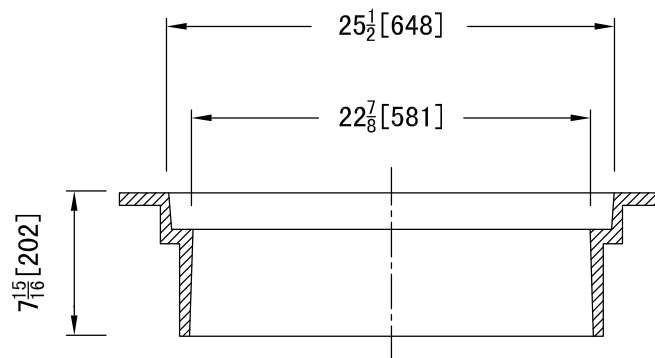
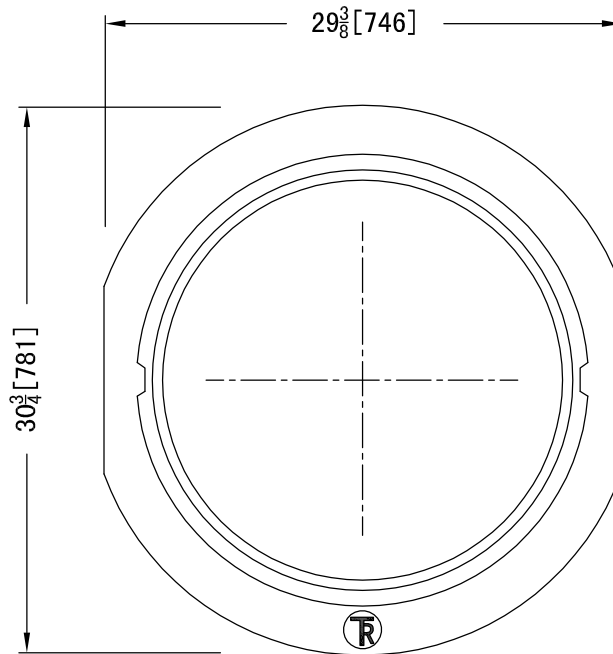
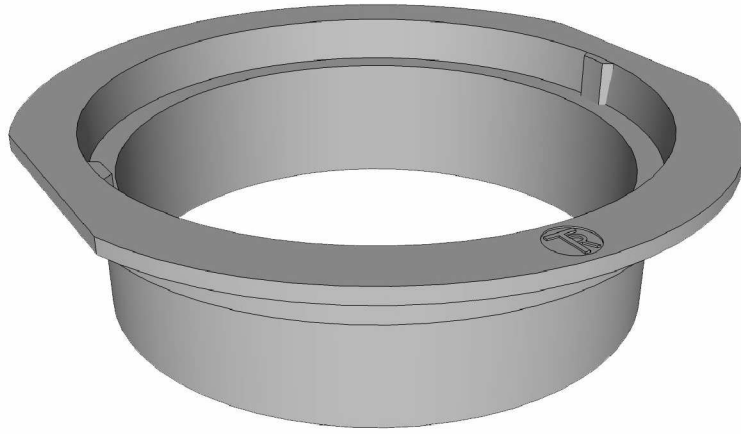
NOTES:
 MAT'L:ASTM A48 CLASS 25 GREY IRON
 FINISH:BITUMINOUS DIP
 LOADING:H20

SECTION A-A

WESTVIEW SALES LTD.

ROUND
C.B.FRAME&GRATE

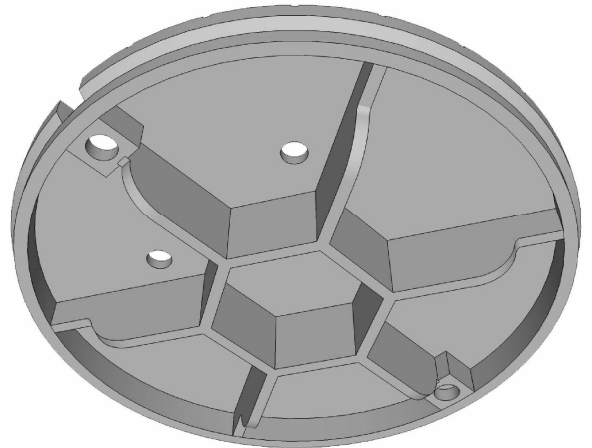
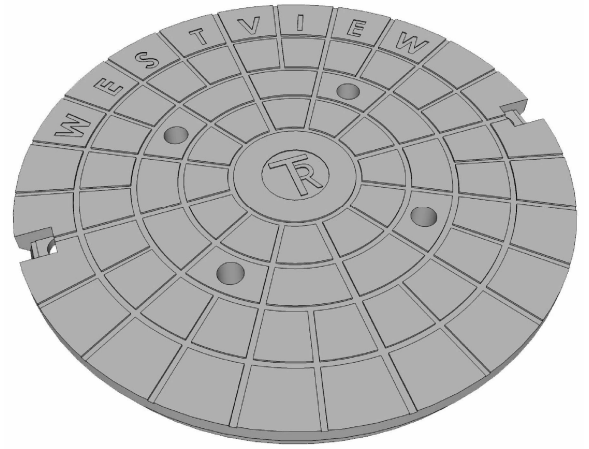
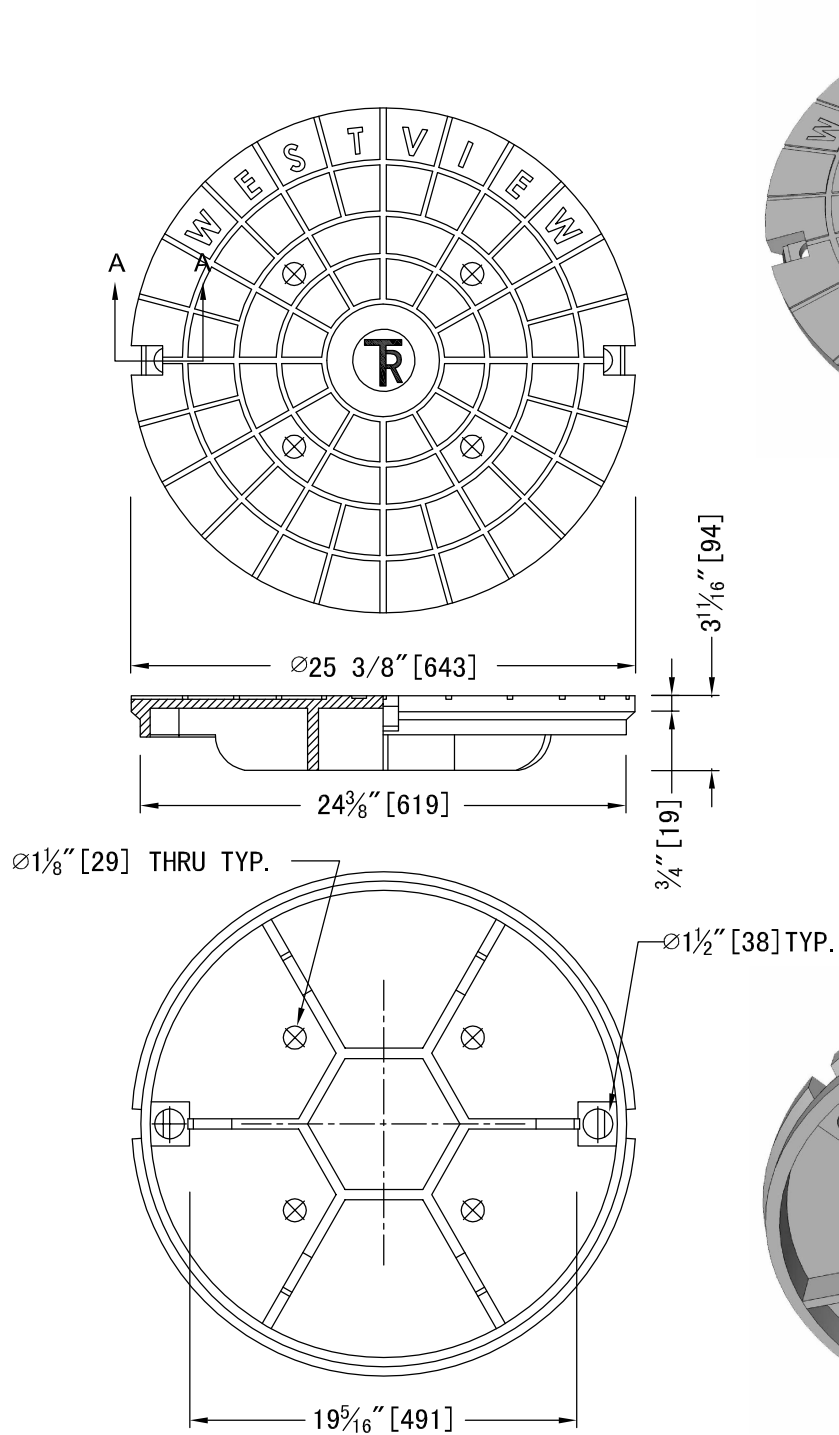
RB68F&G



NOTES:
 MAT'L:ASTM A536 DUCTILE IRON 80-55-06
 FINISH:BITUMINOUS DIP
 LOADING:H20
 AVAILABLE IN WATERTIGHT

WESTVIEW SALES LTD.

RB80 FRAME

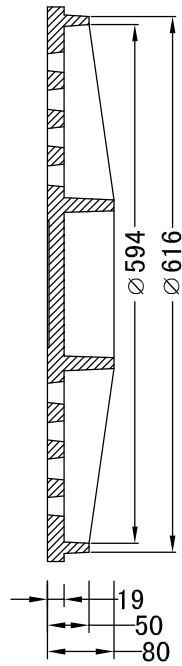
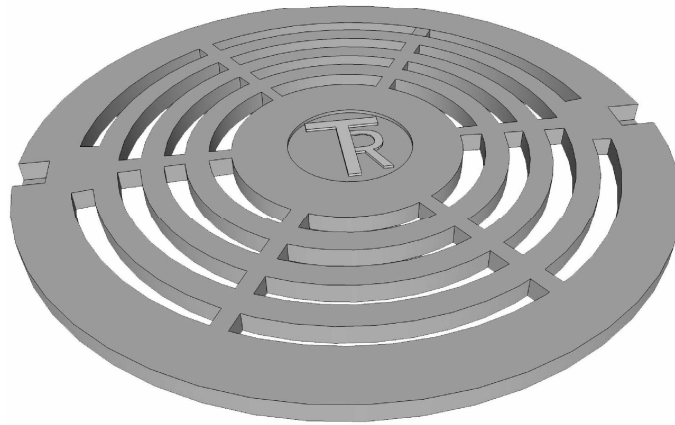


NOTES:
 MAT'L:ASTM A536 DUCTILE IRON 80-55-06
 FINISH:BITUMINOUS DIP
 LOADING:H20

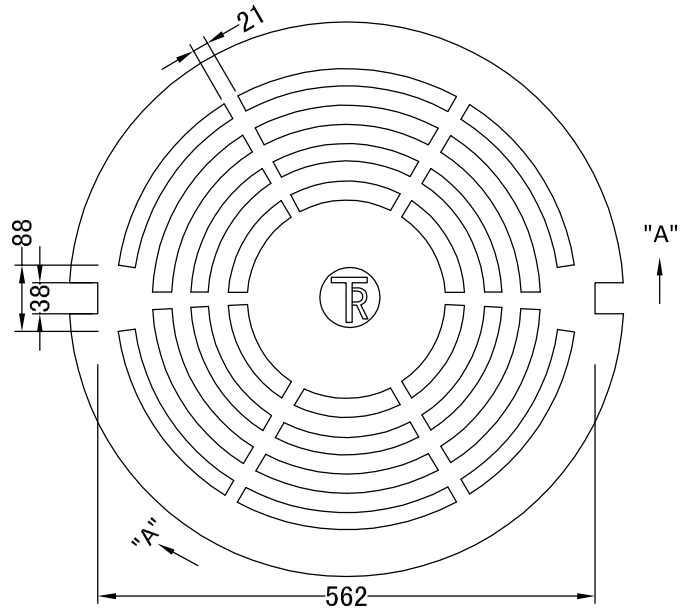
WESTVIEW SALES LTD.

FLOATING MANHOLE COVER

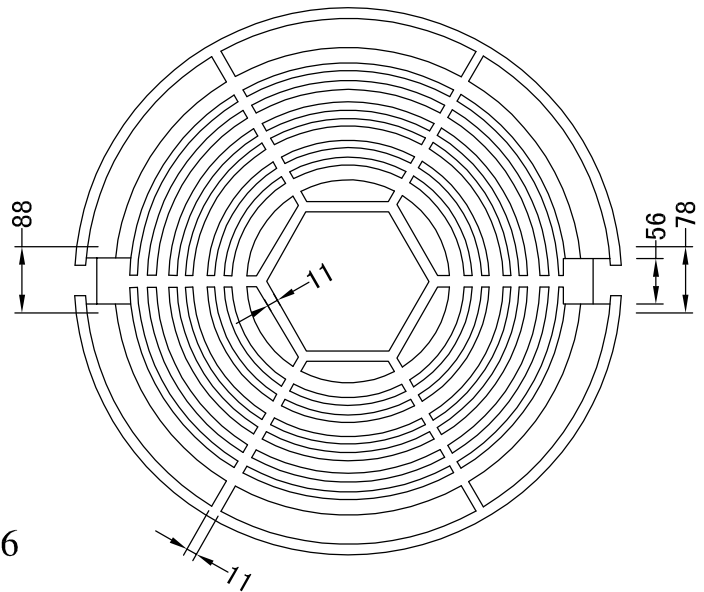
RB80 COVER



SECTION "A-A"



GRATE-TOP VIEW



GRATE-BOTTOM VIEW

NOTES:

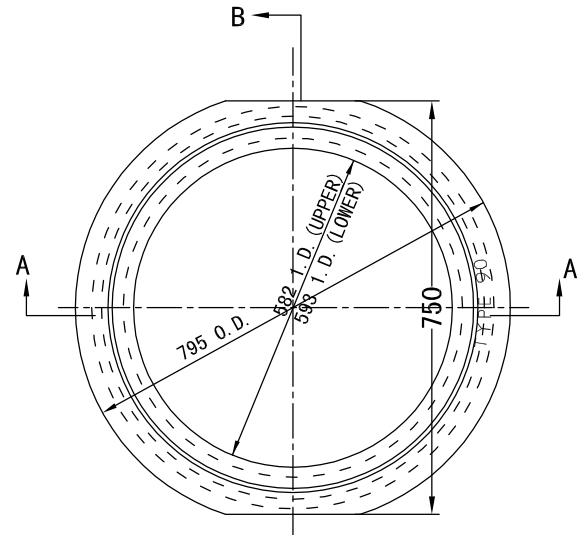
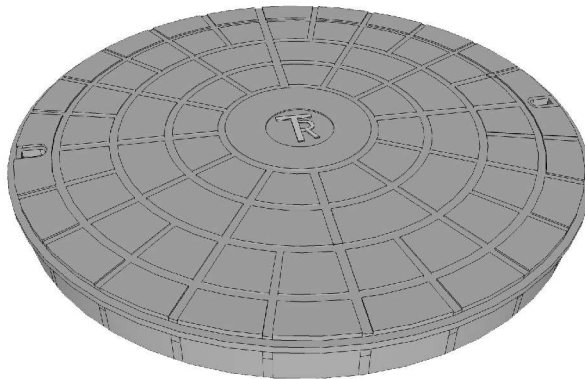
MAT'L:ASTM A536 DUCTILE IRON 80-55-06

FINISH:BITUMINOUS DIP

LOADING:H20

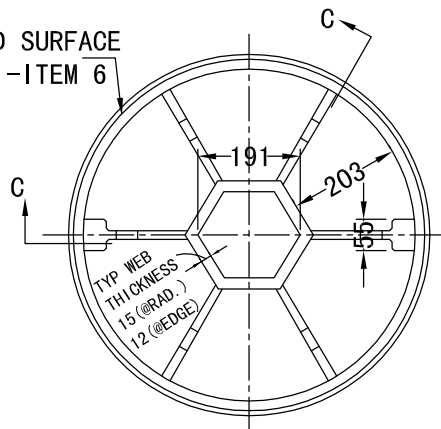
WESTVIEW SALES LTD.

RB-80 GRATE

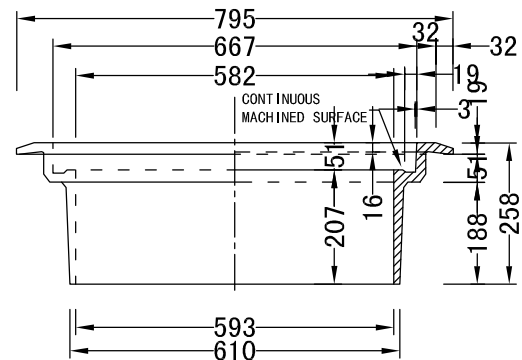


TOP VIEW

CONTINUOUS MACHINED SURFACE
SEE SPECIFICATIONS - ITEM 6



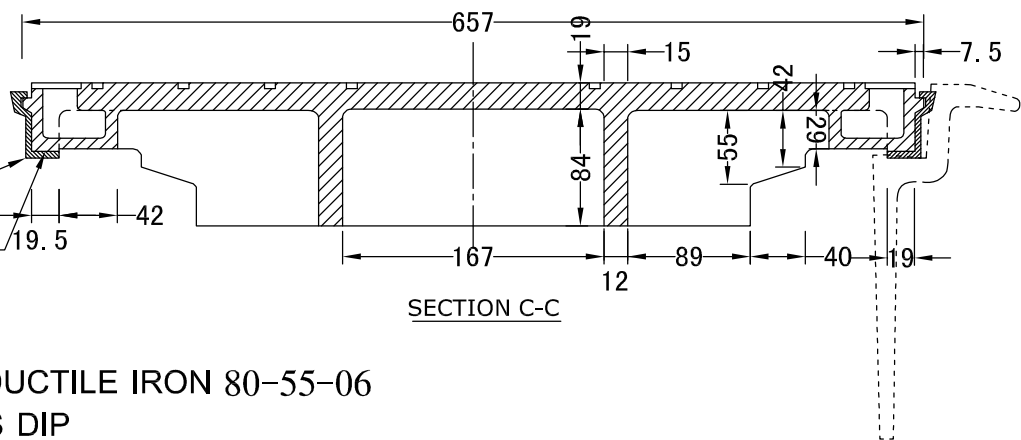
BOTTOM VIEW



SECTION A-A

CONTINUOUS
RUBBER GASKET
SEE DETAL BELOW

CONTINUOUS MACHINED
SURFACE



SECTION C-C

NOTES:

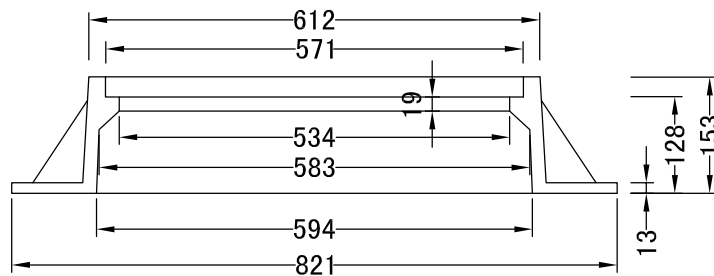
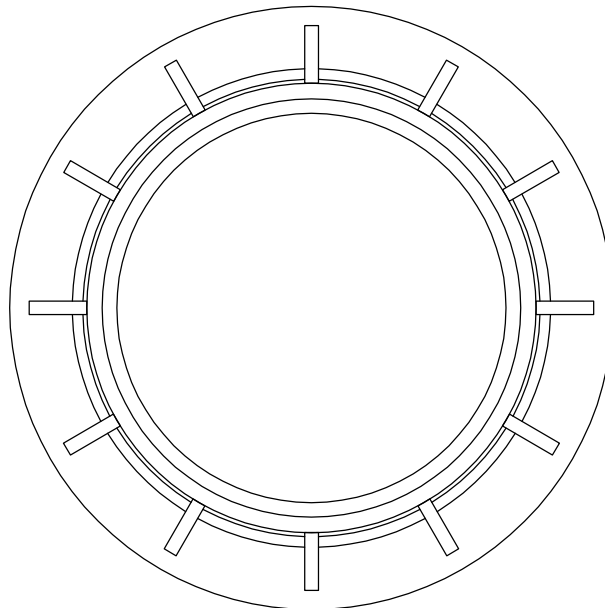
MAT'L:ASTM A536 DUCTILE IRON 80-55-06

FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

RB-90 COVER BLANK



NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

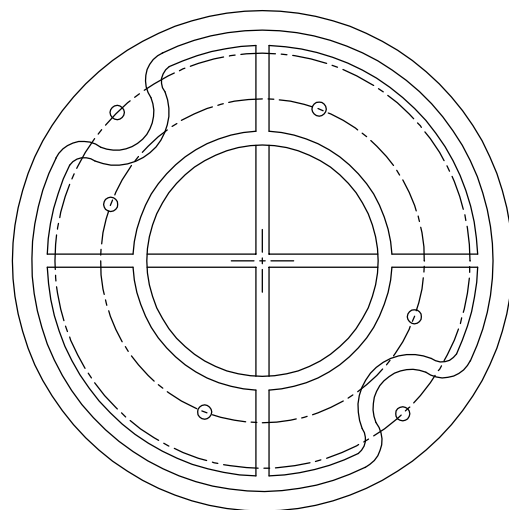
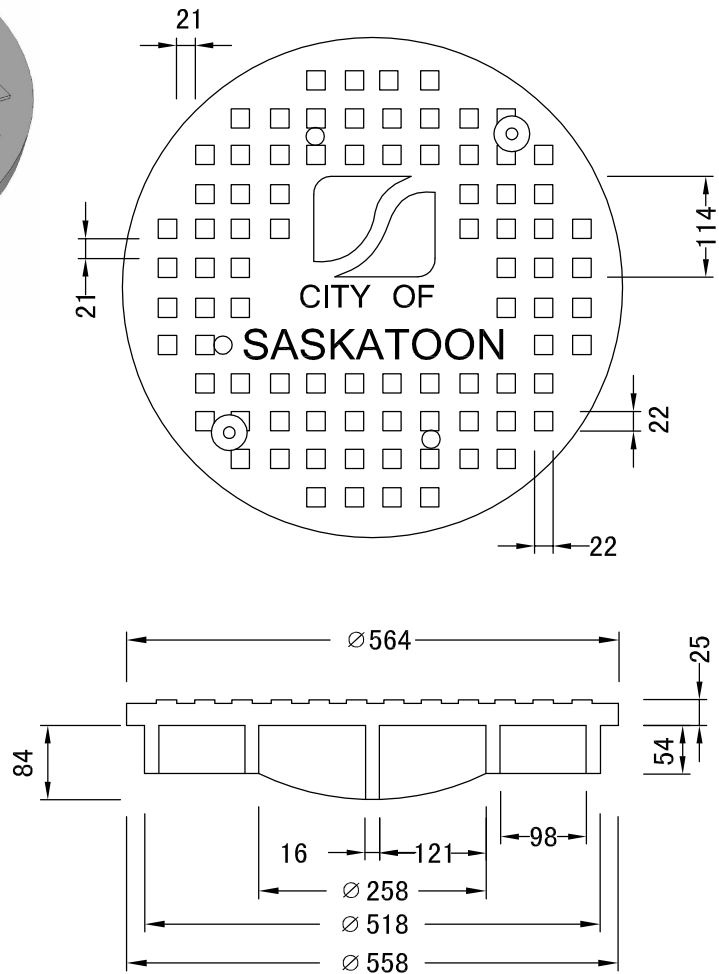
FINISH:BITUMINOUS DIP

LOADING:H20

USE WITH RB-105 COVER

WESTVIEW SALES LTD.

RB-105 FRAME



NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

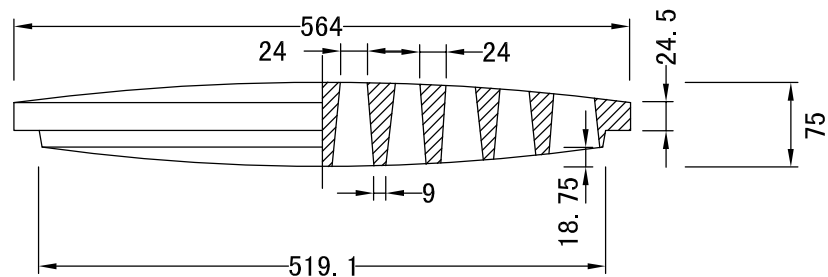
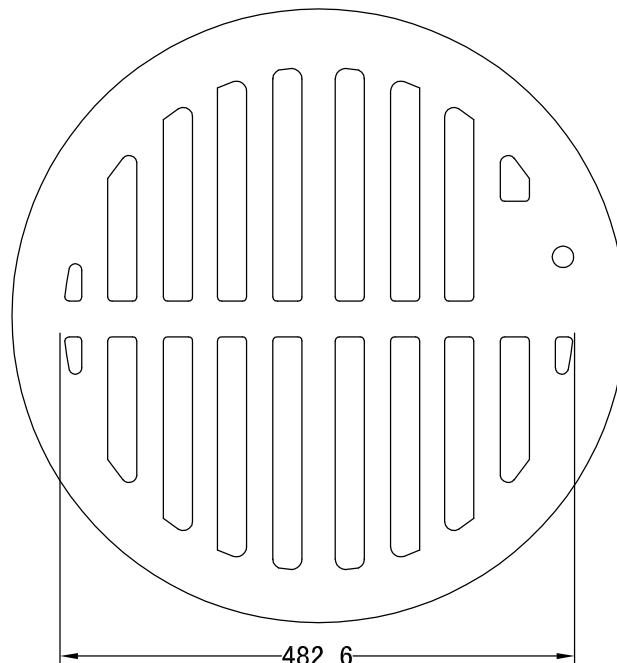
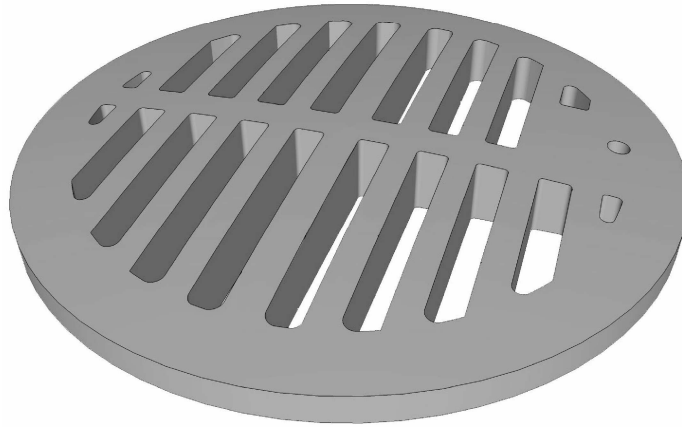
FINISH:BITUMINOUS DIP

LOADING:H20

USE WITH RB-105 FRAME

WESTVIEW SALES LTD.

RB-105 COVER



NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

FINISH:BITUMINOUS DIP

LOADING:H20

USE WITH RB-105 COVER

WESTVIEW SALES LTD.

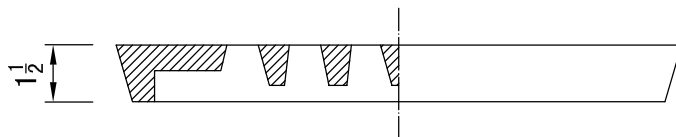
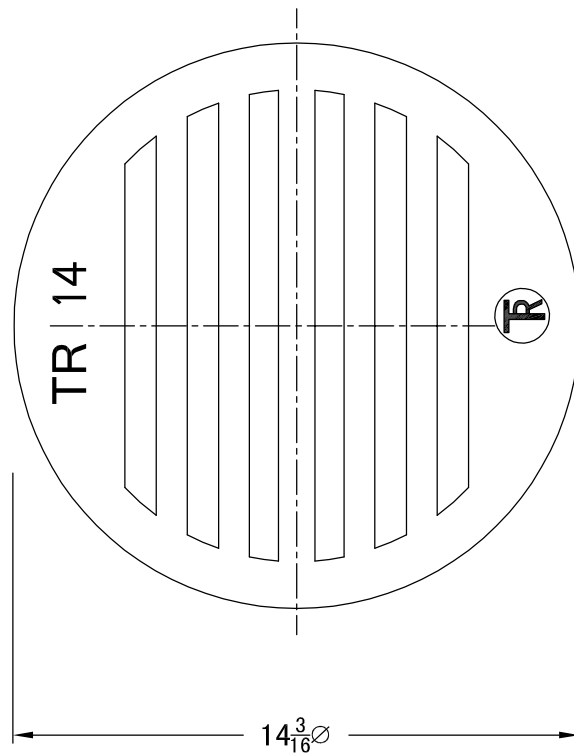
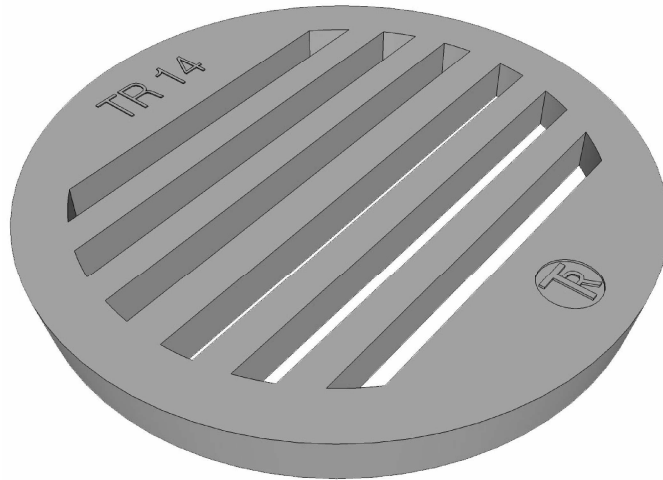
RB-105 GRATE



SECTION 2:

CATCH BASIN FRAMES & GRATES





NOTES:

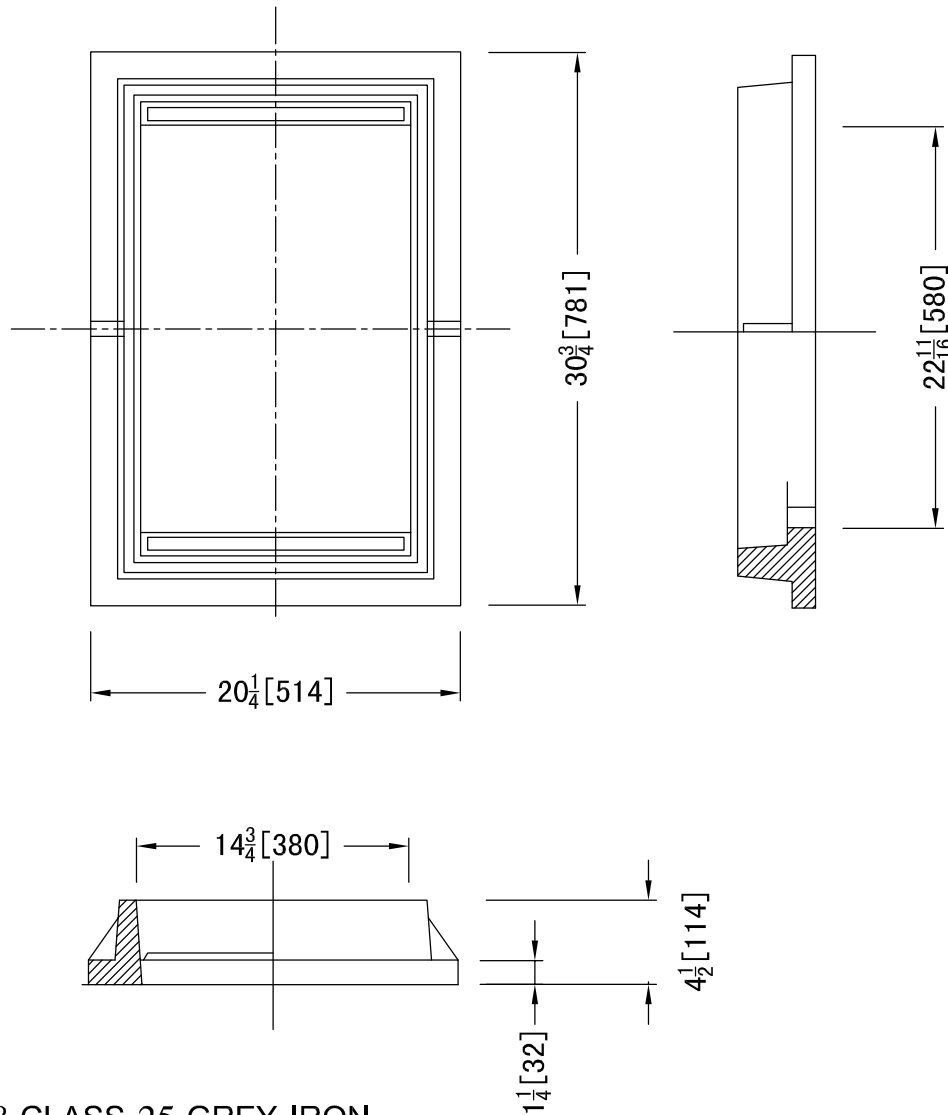
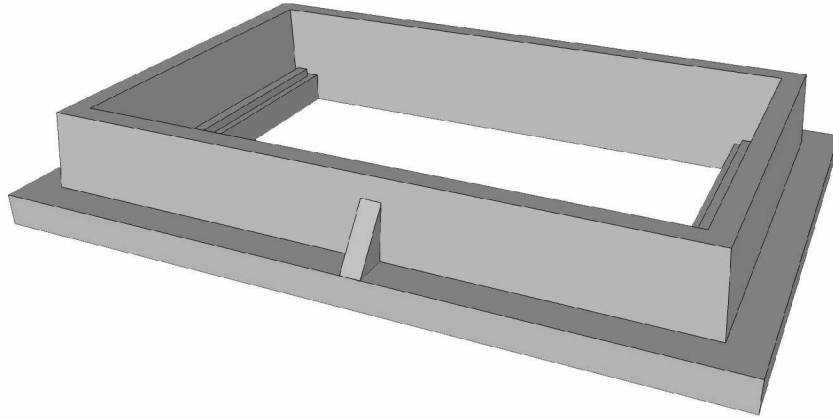
MAT'L:ASTM A48 CLASS 25 GREY IRON

FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

TR14 GRATE



NOTES:

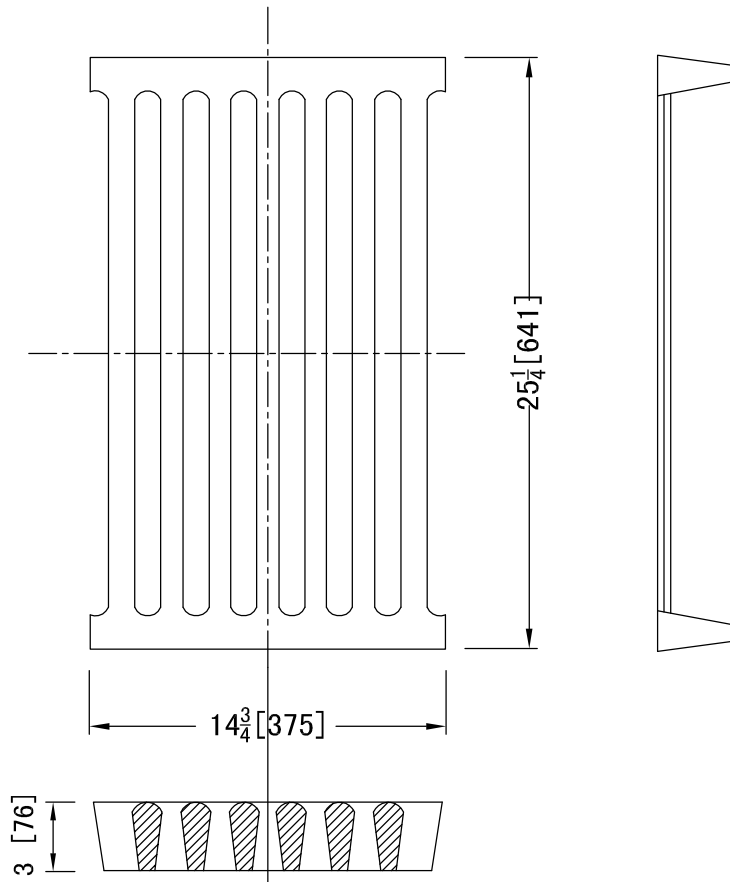
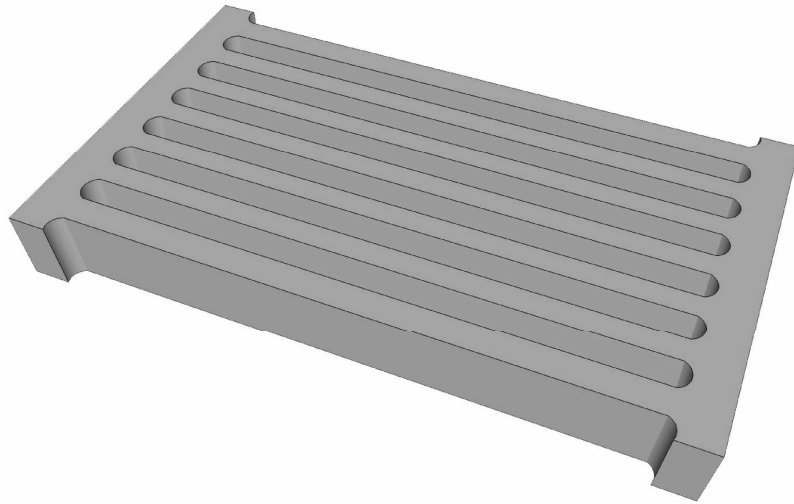
MAT'L:ASTM A48 CLASS 25 GREY IRON

FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

TR19A FRAME



NOTES:

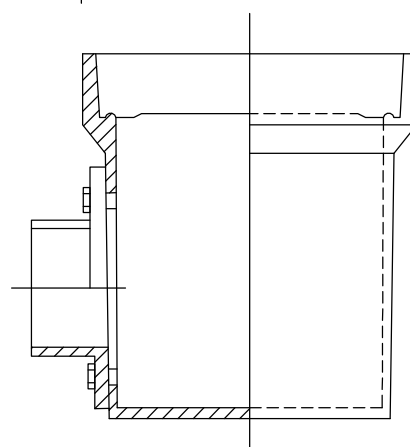
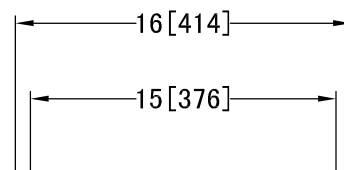
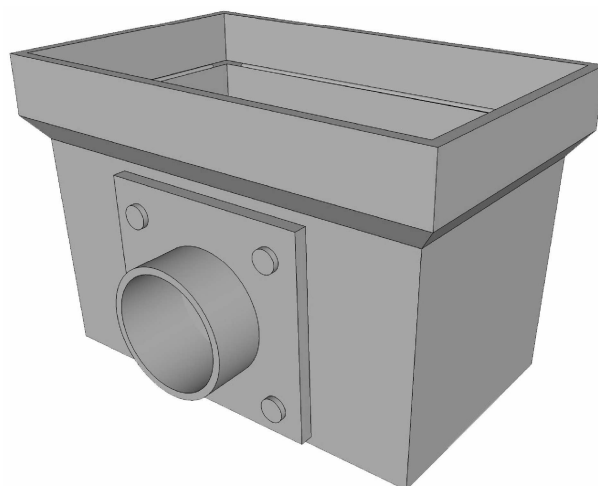
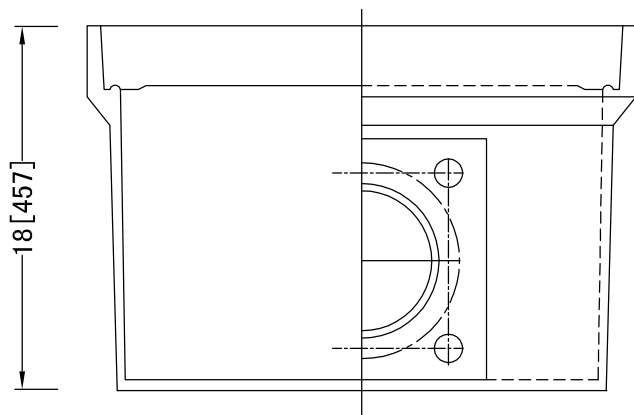
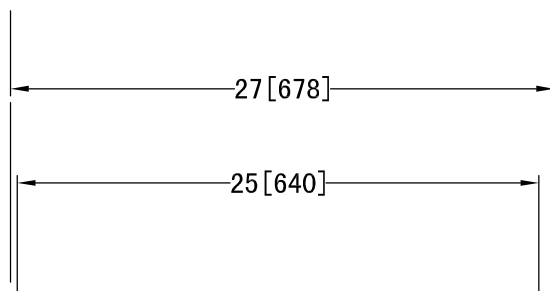
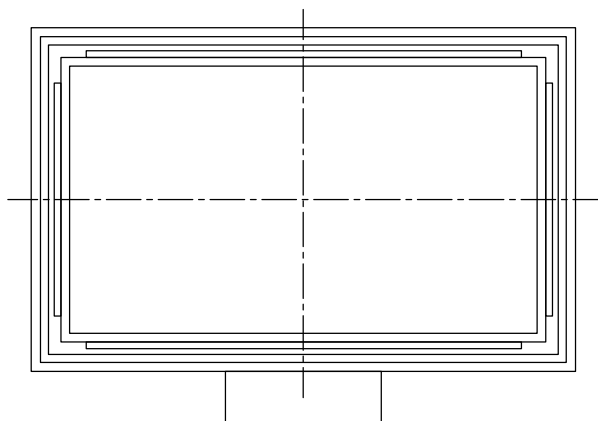
MAT'L:ASTM A48 CLASS 25 GREY IRON

FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

TR19A FREEWAY GRATE TYPE"A"



NOTES:

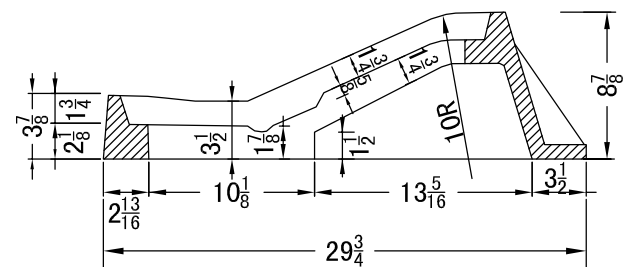
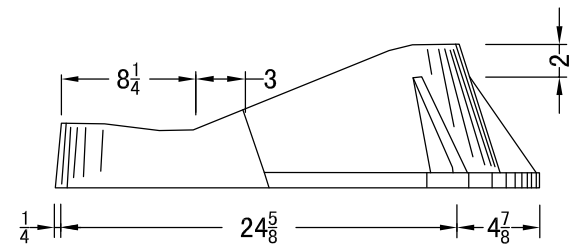
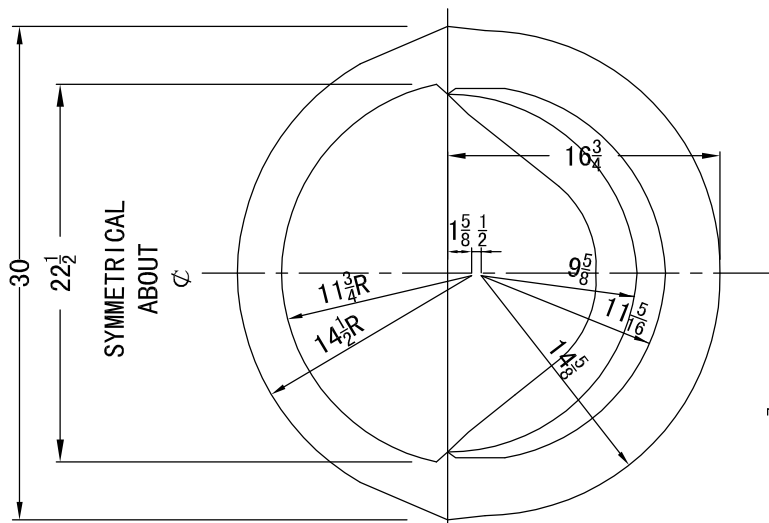
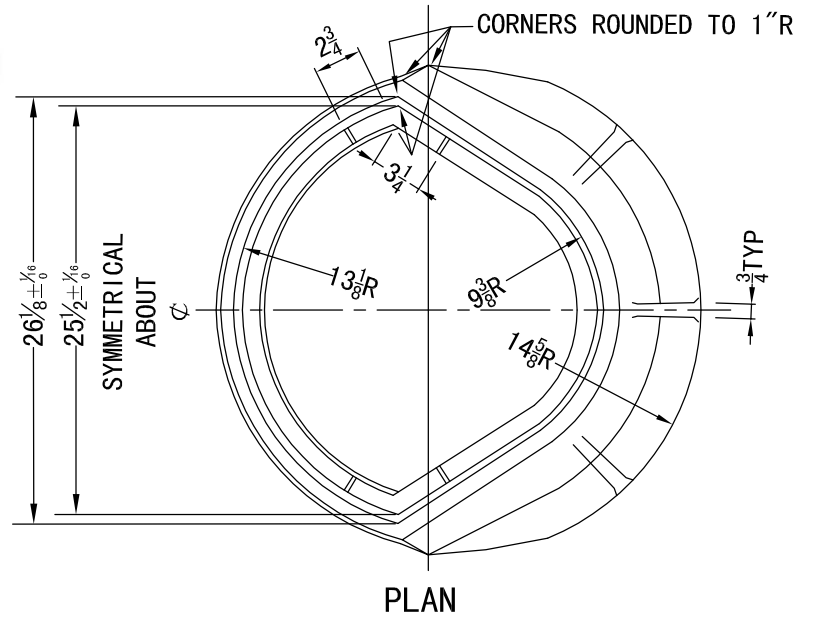
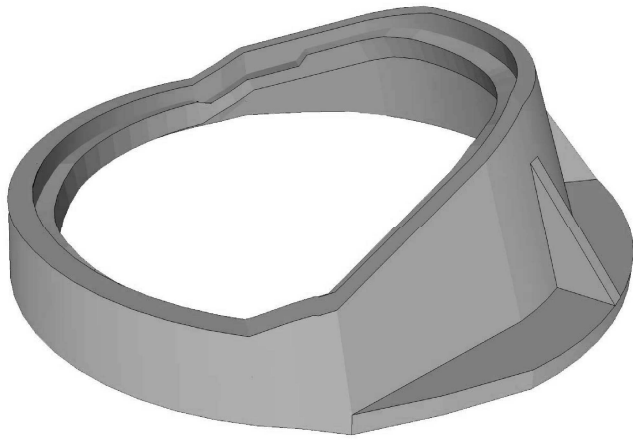
MAT'L:ASTM A48 CLASS 25 GREY IRON

FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

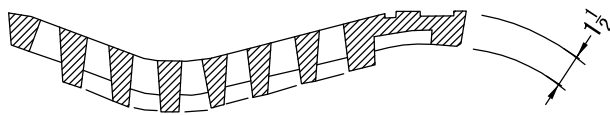
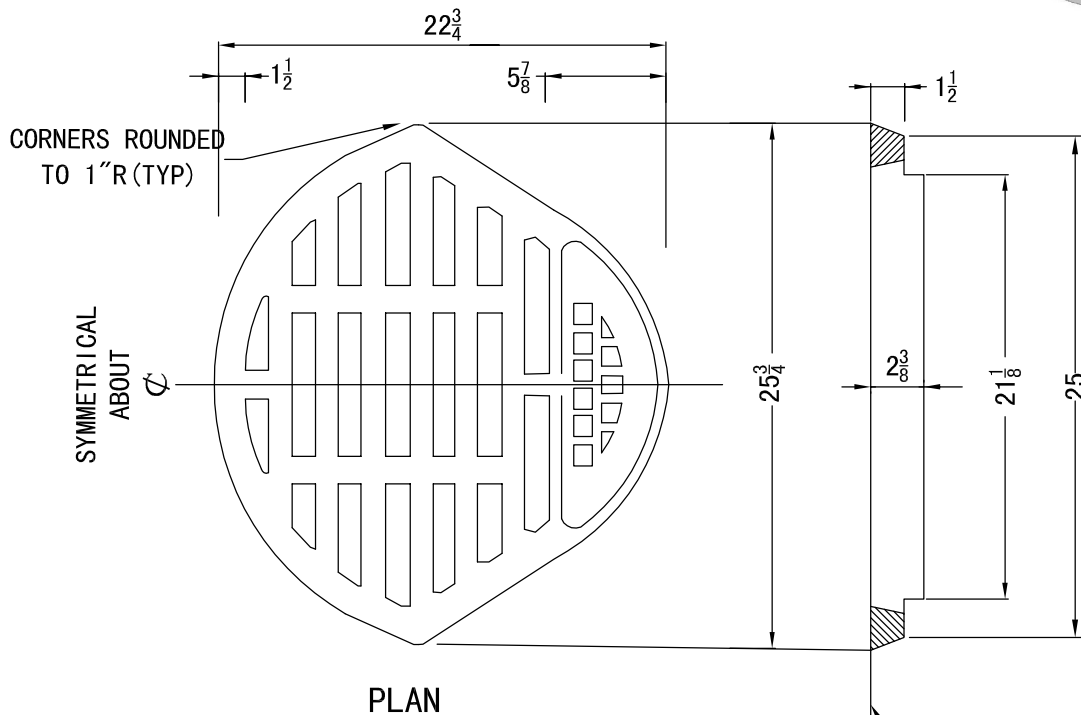
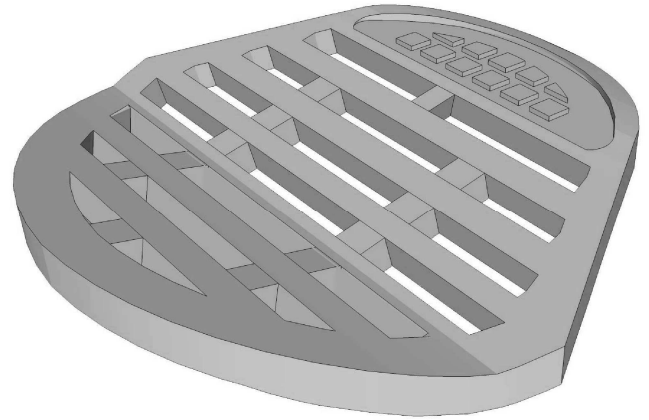
TR19B BOX C.B.WITH ADAPTOR



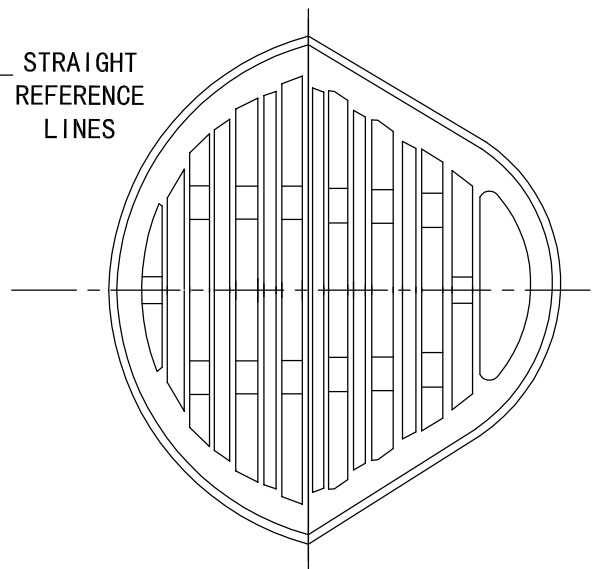
NOTES:
 MAT'L:ASTM A48 CLASS 25 GREY IRON
 FINISH:BITUMINOUS DIP
 LOADING:H20

WESTVIEW SALES LTD.

TR38A FRAME



SECTION



UNDERSIDE

NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

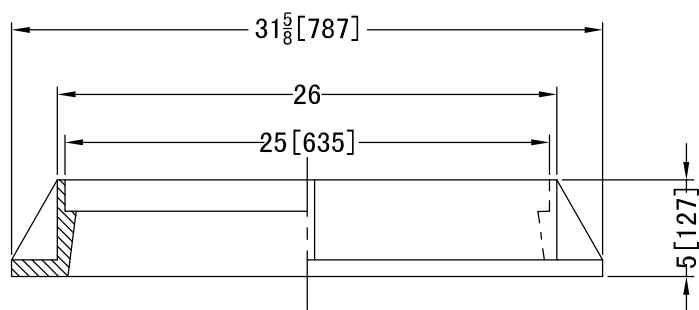
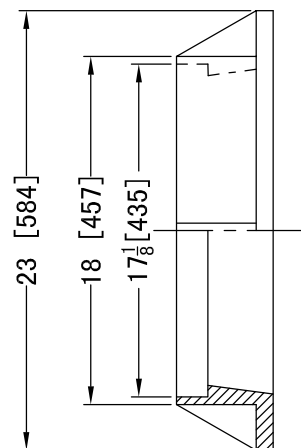
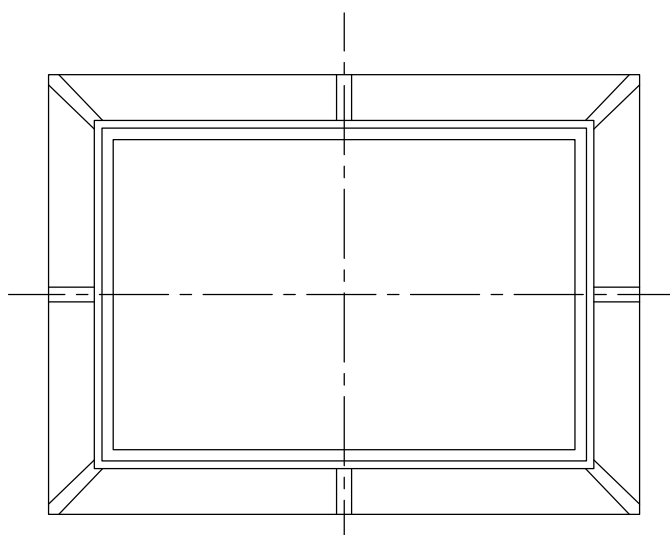
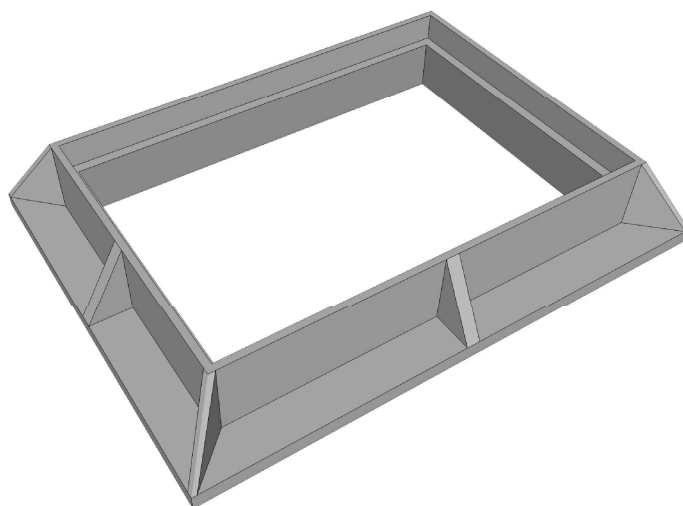
FINISH:BITUMINOUS DIP

LOADING:H2O

WESTVIEW SALES LTD.

TR38A GRATE B TYPE

A technical drawing of a cross-section of a ship's hull. The drawing shows the internal structure, including the hull plating, stiffeners, and the internal compartment. The hull is shown in a cross-section, with the internal structure visible. The drawing is a line drawing, showing the geometry of the hull and its internal components.



NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

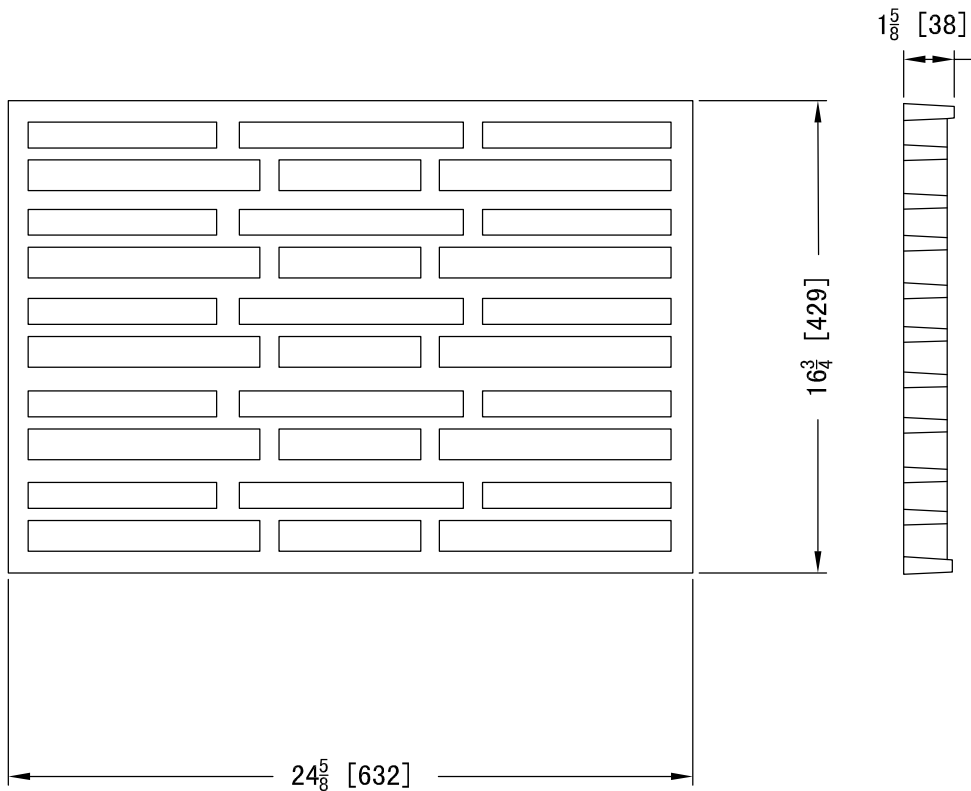
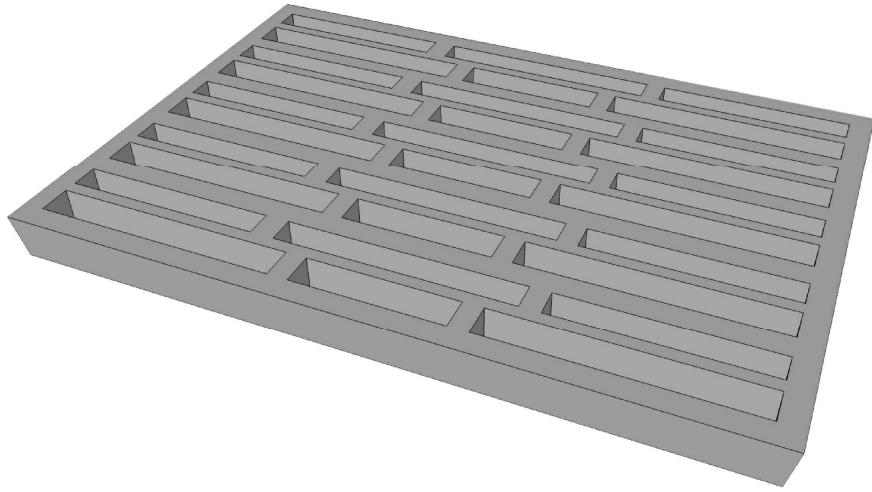
FINISH:BITUMINOUS DIP

LOADING:H20

USE WITH TR39 GRATE/TR39C GRATE

WESTVIEW SALES LTD.

TR39A FRAME



NOTES:

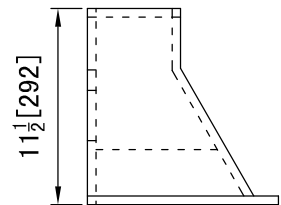
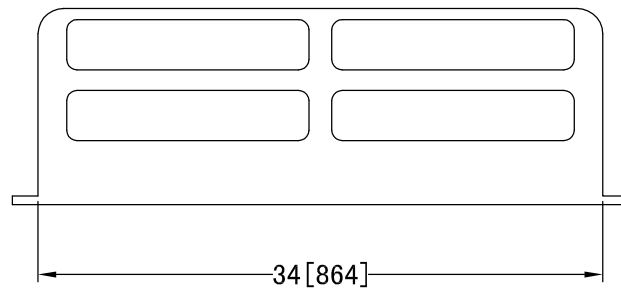
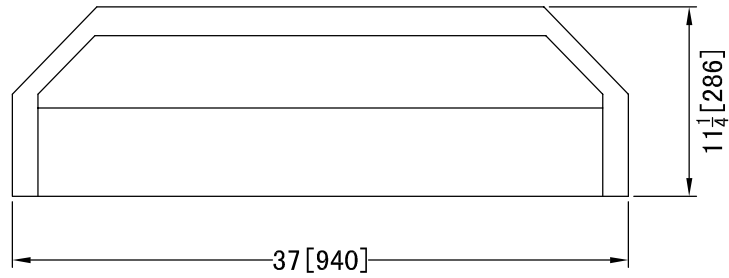
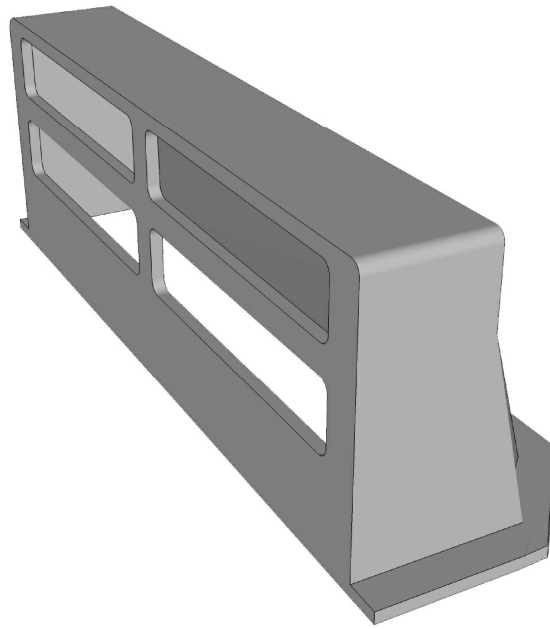
MAT'L:ASTM A536 DUCTILE IRON 80-55-06

FINISH:BITUMINOUS DIP

LOADING:H20

USE WITH TR39A FRAME

WESTVIEW SALES LTD.		TR39 GRATE
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NOTES:

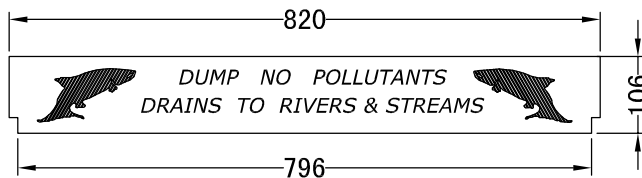
MAT'L:ASTM A536 DUCTILE IRON 80-55-06

FINISH:BITUMINOUS DIP

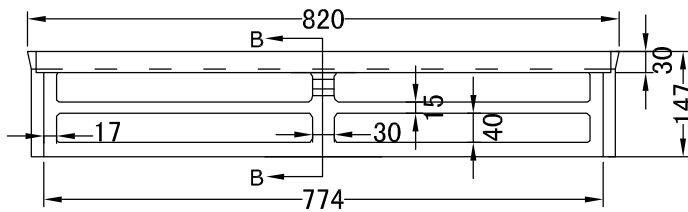
LOADING:H20

WESTVIEW SALES LTD.

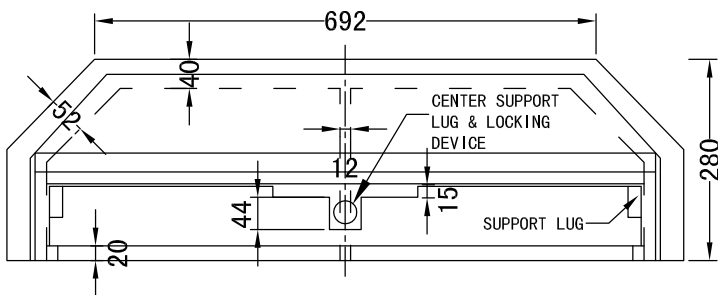
TR39B INLET



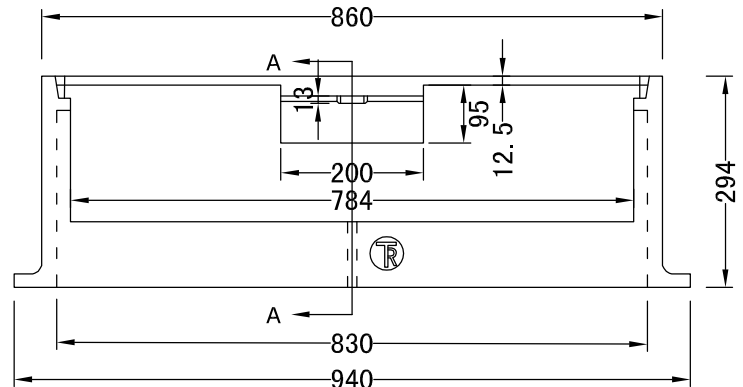
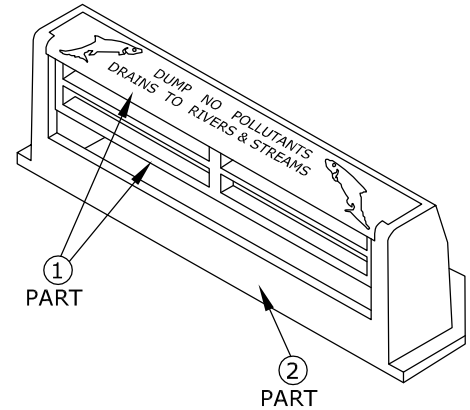
PART ① PLAN



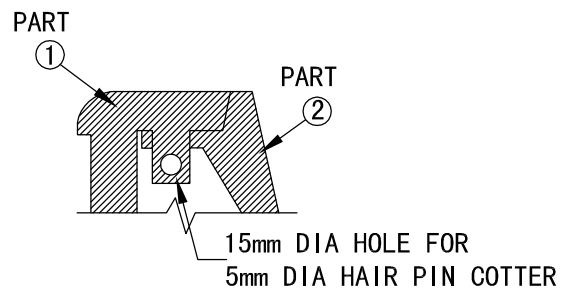
FRONT VIEW



PART ② PLAN



FRONT VIEW



LOCKING DEVICE DETAIL

NOTES:

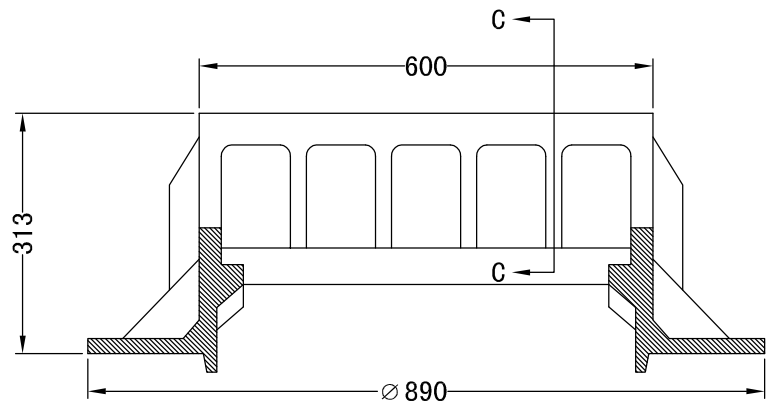
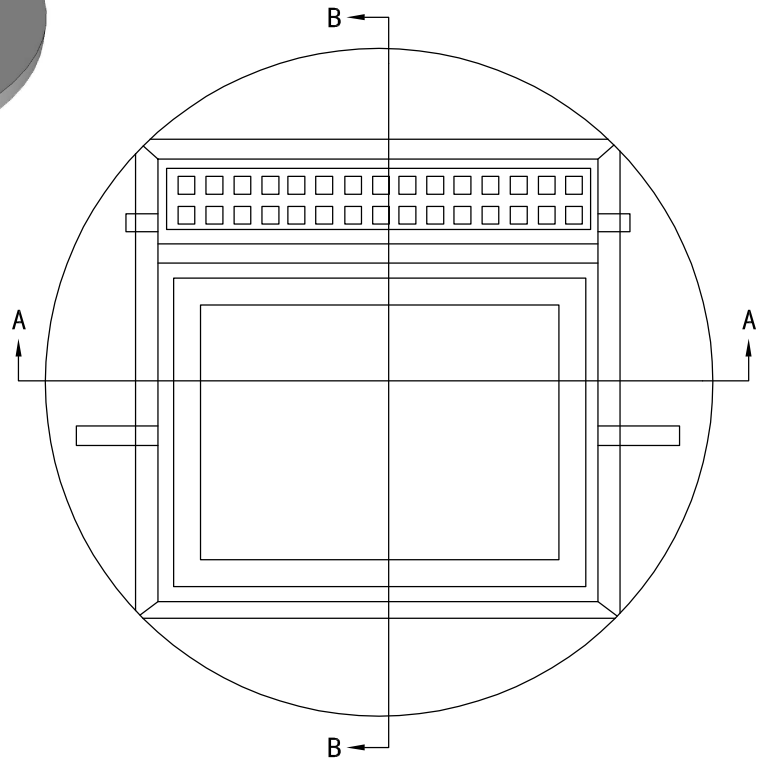
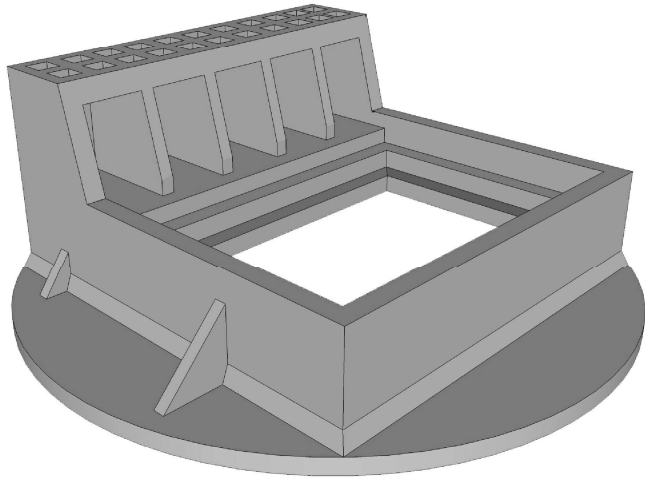
MAT'L:ASTM A536 DUCTILE IRON 80-55-06

FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

RB-1 Insert DI C/W Fish
& Lettering



NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

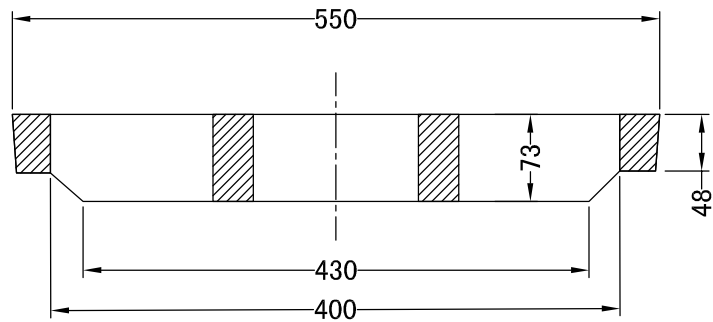
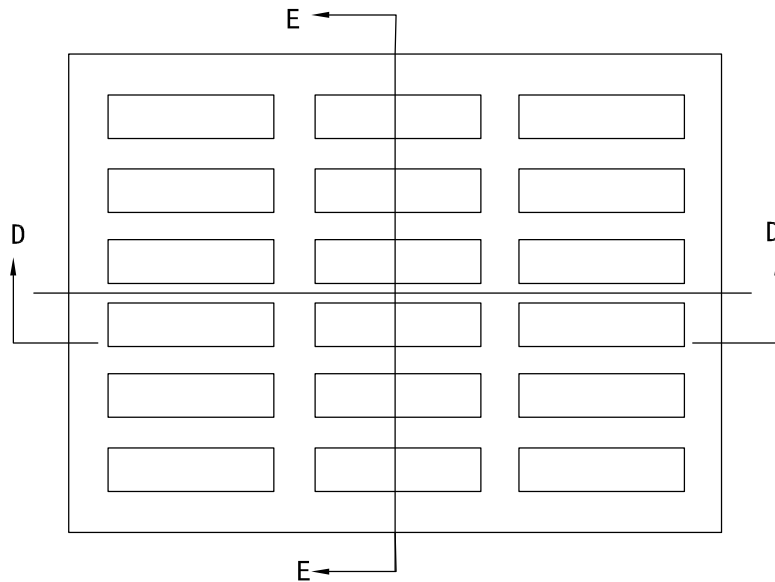
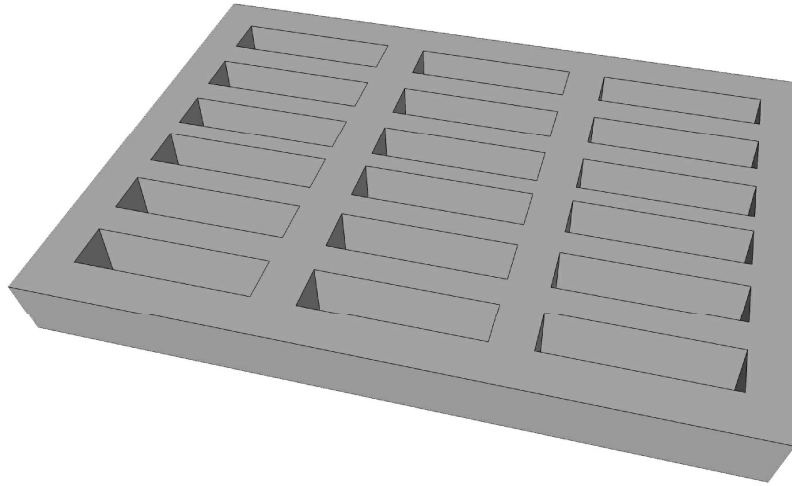
FINISH:BITUMINOUS DIP

LOADING:H2O

USE WITH RB106 GRATE

WESTVIEW SALES LTD.

RB106 INLET FRAME



NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

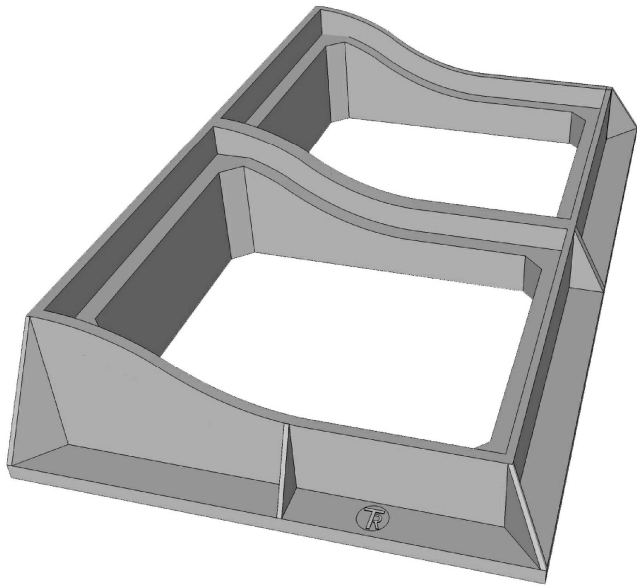
FINISH:BITUMINOUS DIP

LOADING:H20

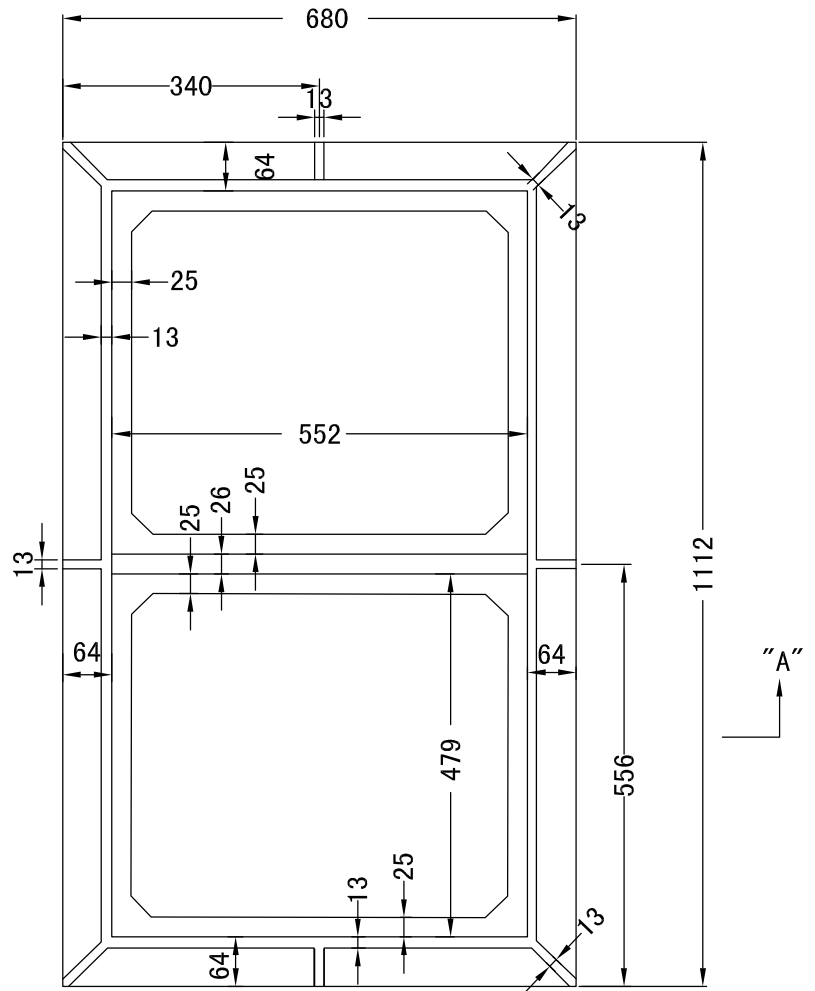
USED WITH RB106 INLET FRAME

WESTVIEW SALES LTD.

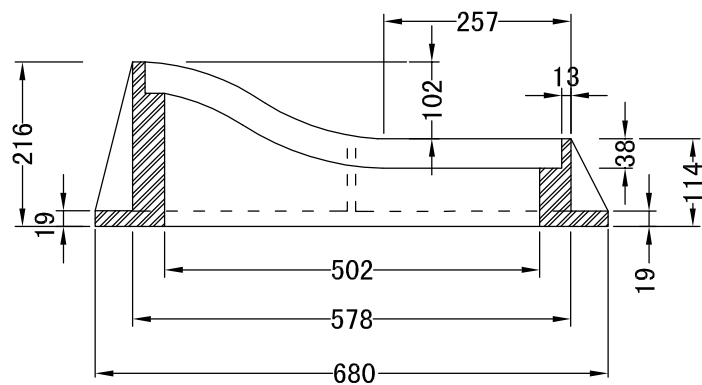
RB106 GRATE



"A"



PLAN



SECTION A-A

NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

FINISH:BITUMINOUS DIP

LOADING:H20

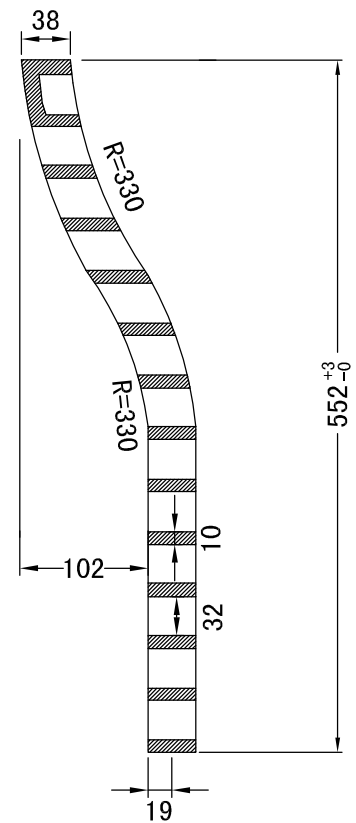
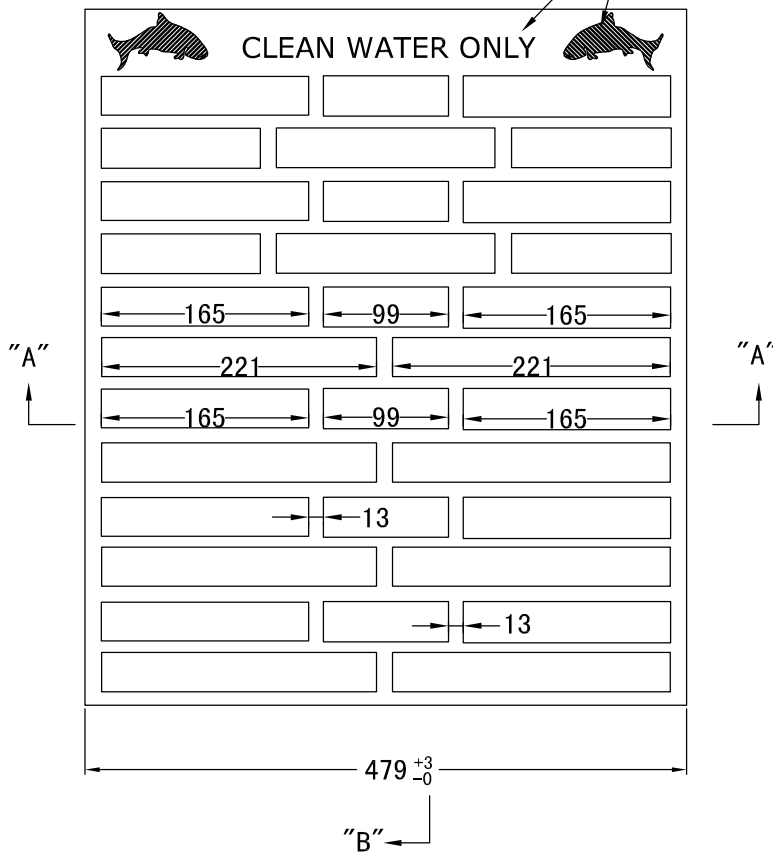
WESTVIEW SALES LTD.

RB-4 TWIN FRAME

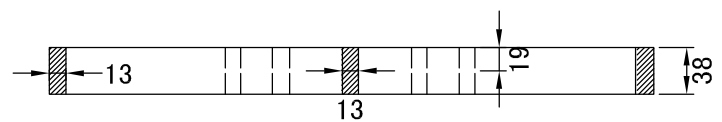


"B"

LETTERS AND PROFILES
RAISE 3.0mm ABOVE SURFACE



SECTION "B-B"

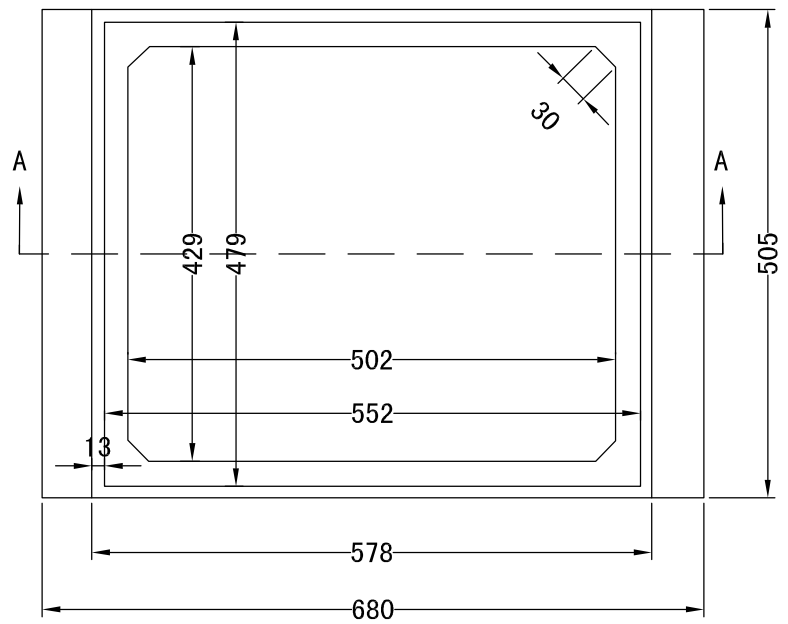
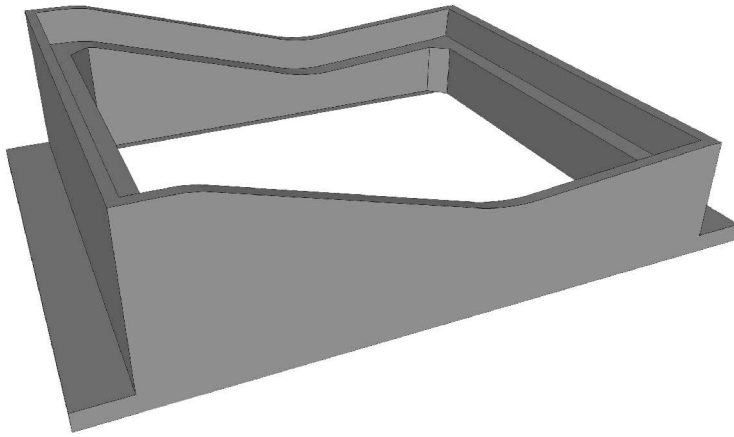


SECTION "A-A"

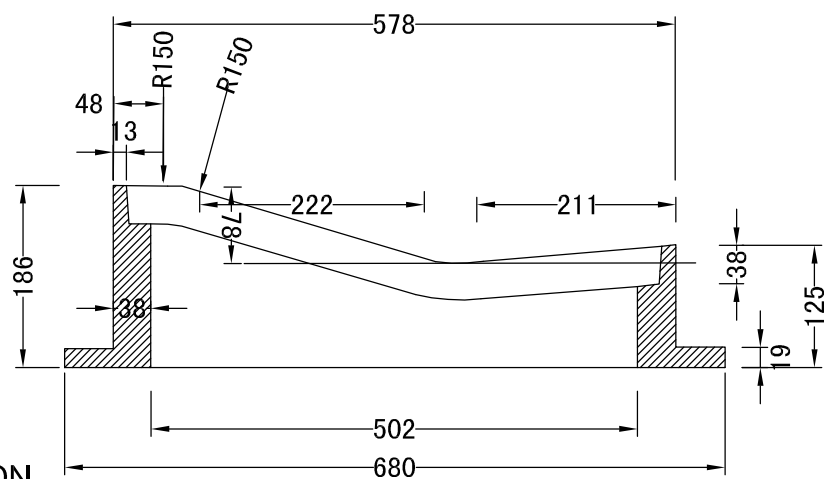
NOTES:
MAT'L:ASTM A536 DUCTILE IRON 80-55-06
FINISH:BITUMINOUS DIP
LOADING:H20

WESTVIEW SALES LTD.

RB-4 GRATE



PLAN



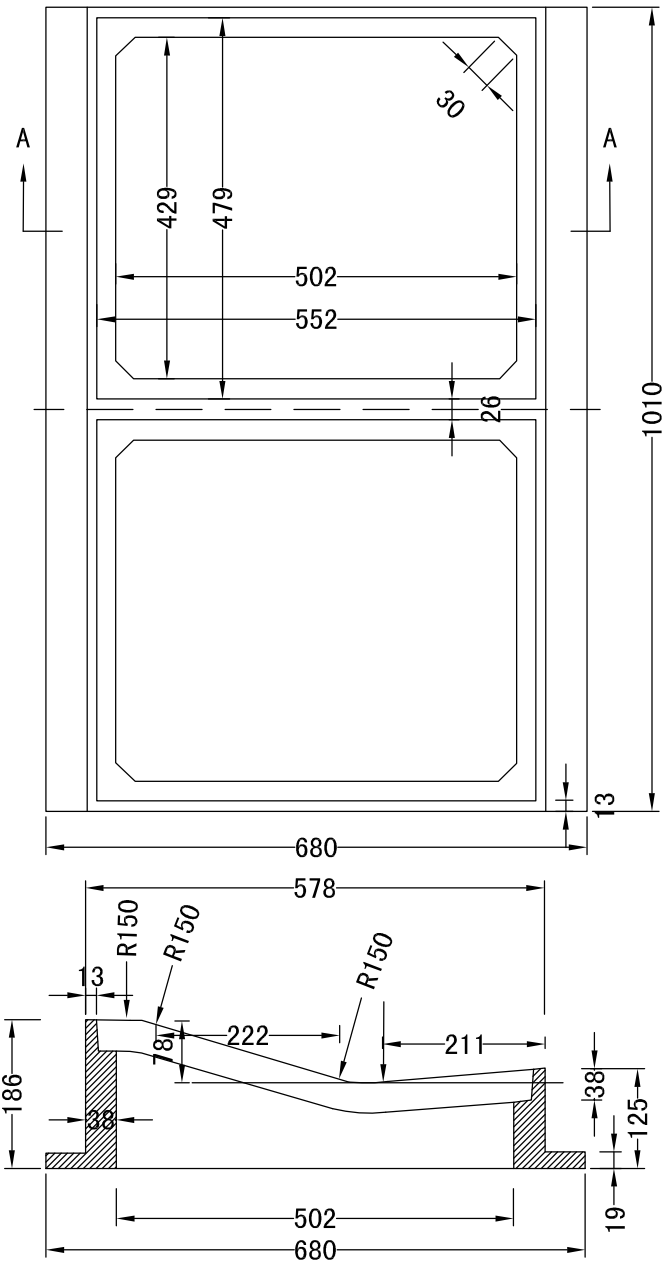
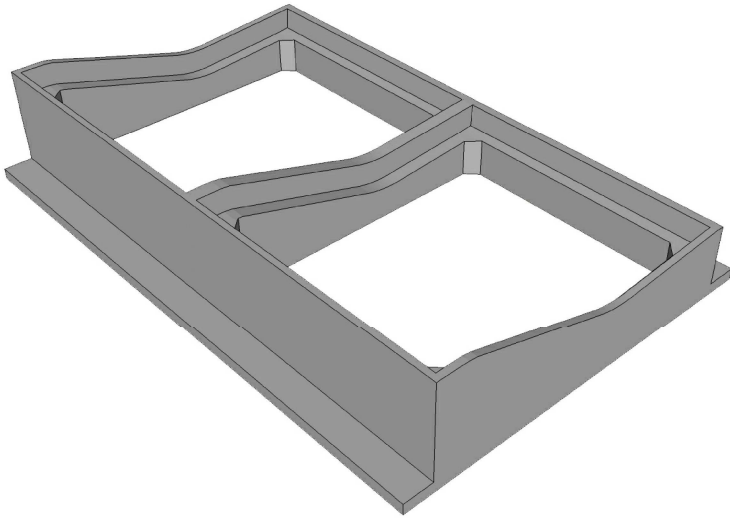
SECTION A-A

NOTES:
 MAT'L:ASTM A48 CLASS 25 GREY IRON
 FINISH:BITUMINOUS DIP
 LOADING:H20

WESTVIEW SALES LTD.

SINGLE CATCH BASIN
 FRAME ROLLED CURB TYPE

RB7AF SINGLE FRAME

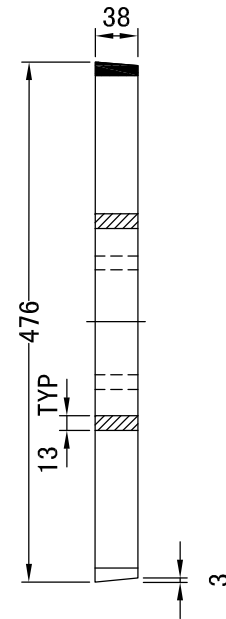
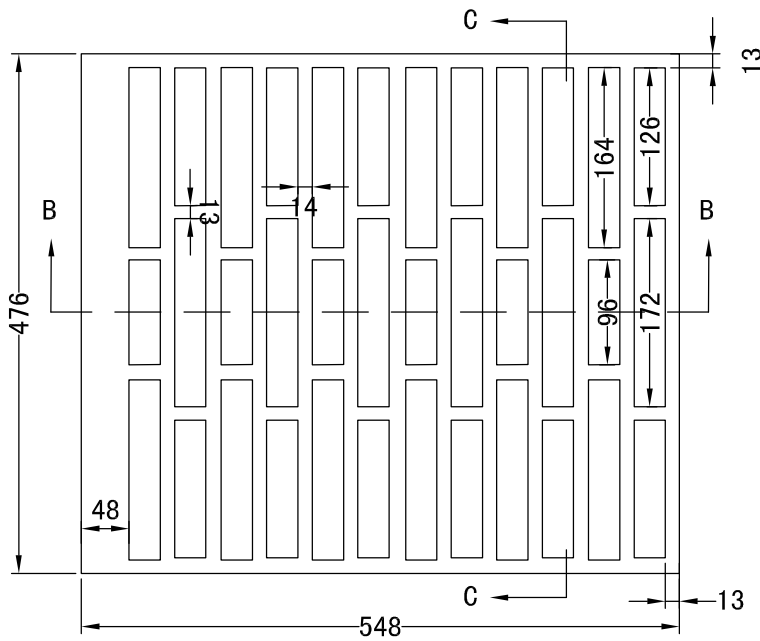
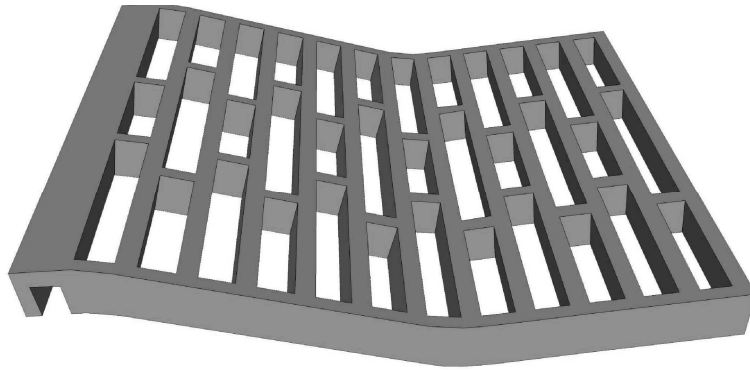


NOTES:
 MAT'L:ASTM A48 CLASS 25 GREY IRON
 FINISH:BITUMINOUS DIP
 LOADING:H20

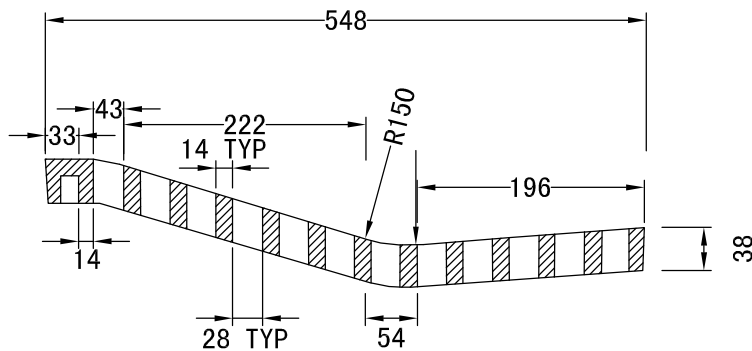
WESTVIEW SALES LTD.

DOUBLE CATCH BASIN
 FRAME ROLLED CURB TYPE

RB7ATF TWIN FRAME



SECTION C-C



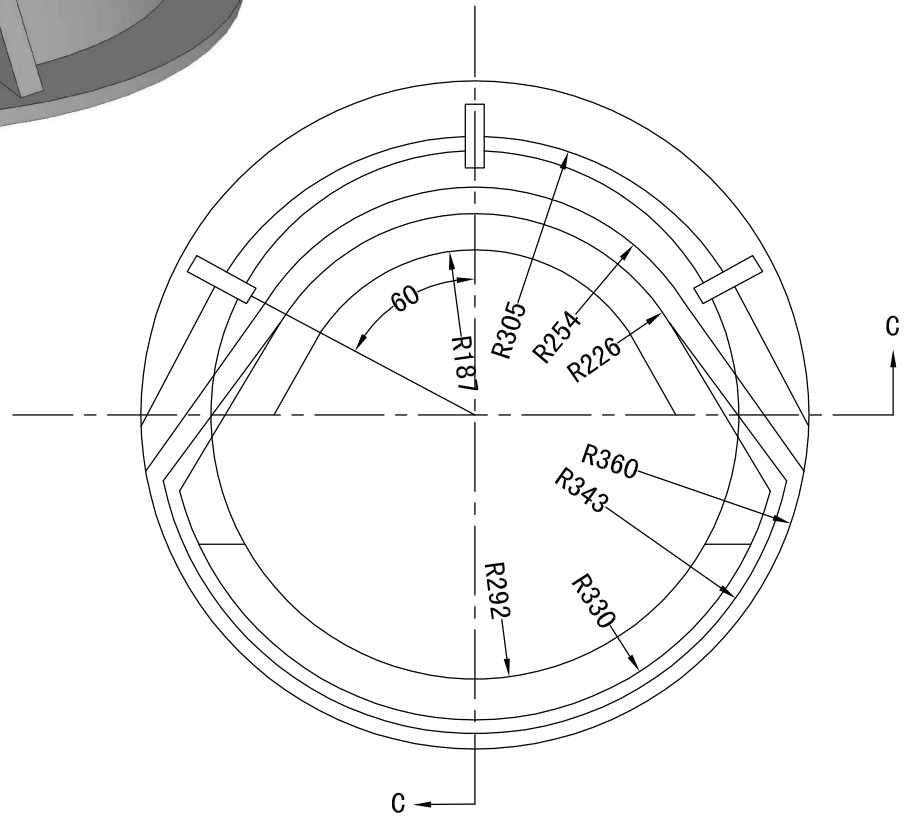
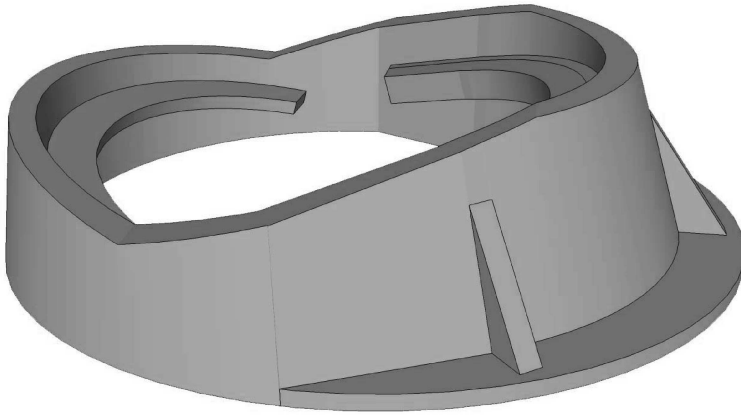
SECTION B-B

NOTES:
 MAT'L:ASTM A536 DUCTILE IRON 80-55-06
 FINISH:BITUMINOUS DIP
 LOADING:H20

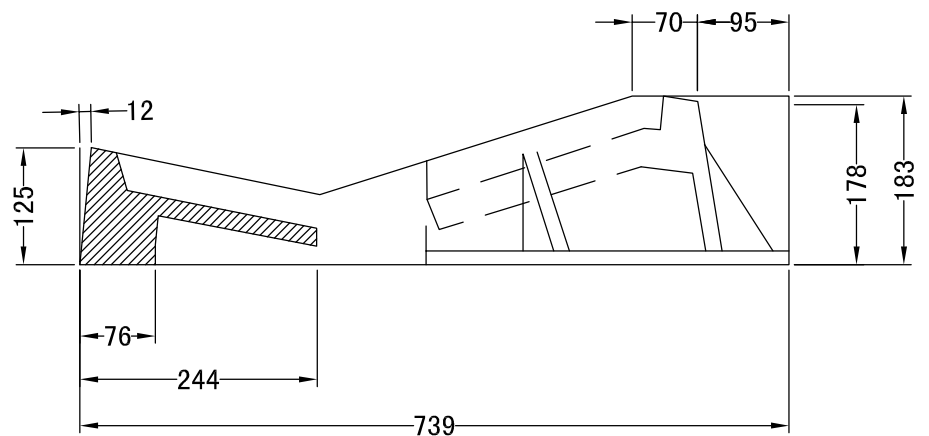
WESTVIEW SALES LTD.

CATCH BASIN GRATE
 ROLLED CURB TYPE

RB7AG GRATE



PLAN OF FRAME



SECTION "C"

NOTES:

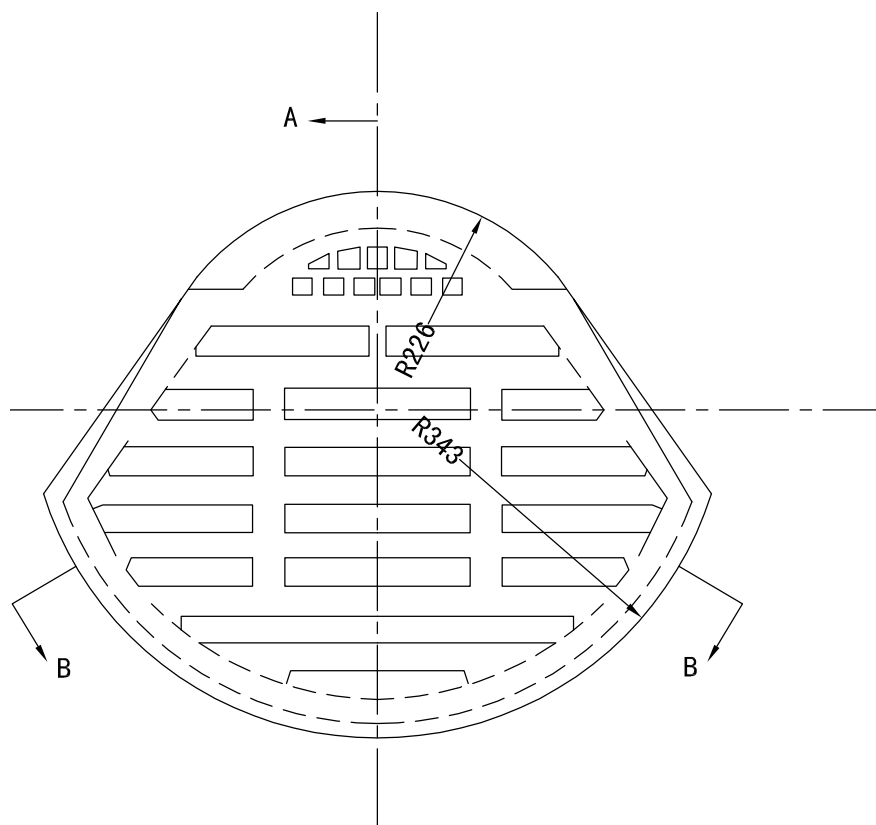
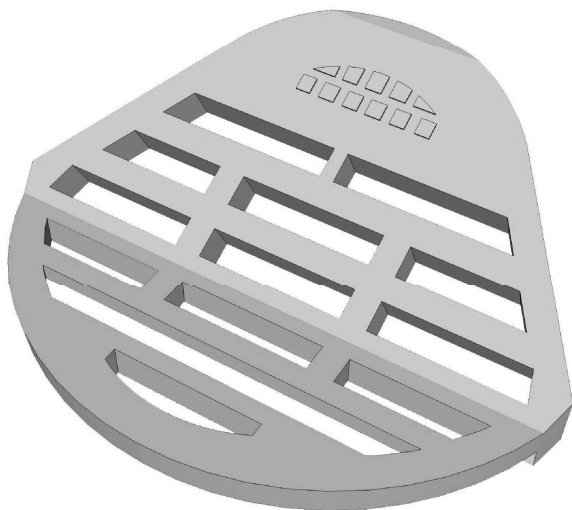
MAT'L:ASTM A48 CLASS 25 GREY IRON

FINISH:BITUMINOUS DIP

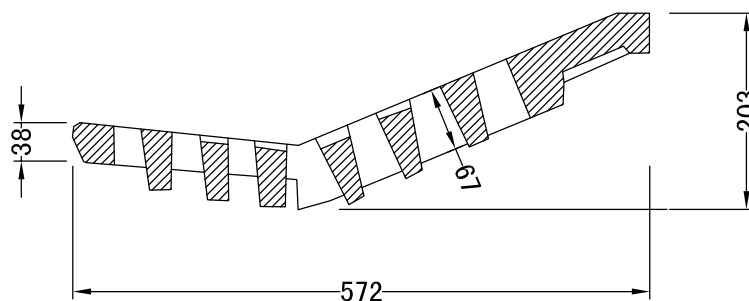
LOADING:H20

WESTVIEW SALES LTD.

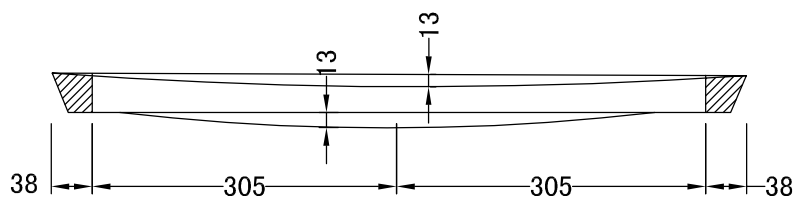
RB33COS FRAME



PLAN OF COVER



SECTION "A"

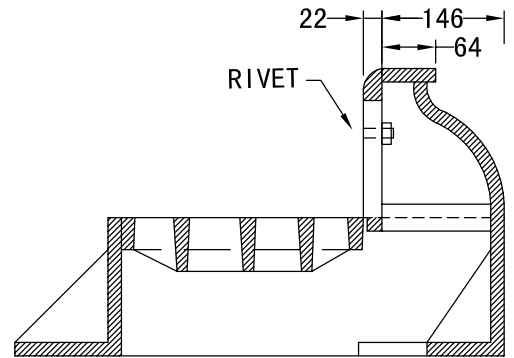
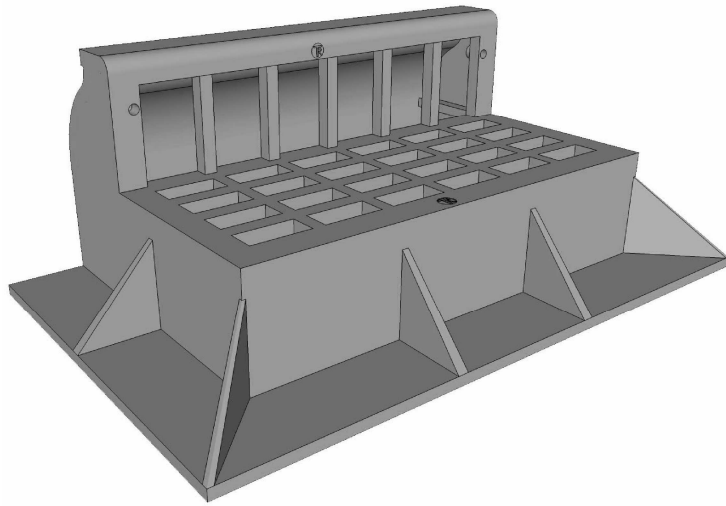


SECTION "B"

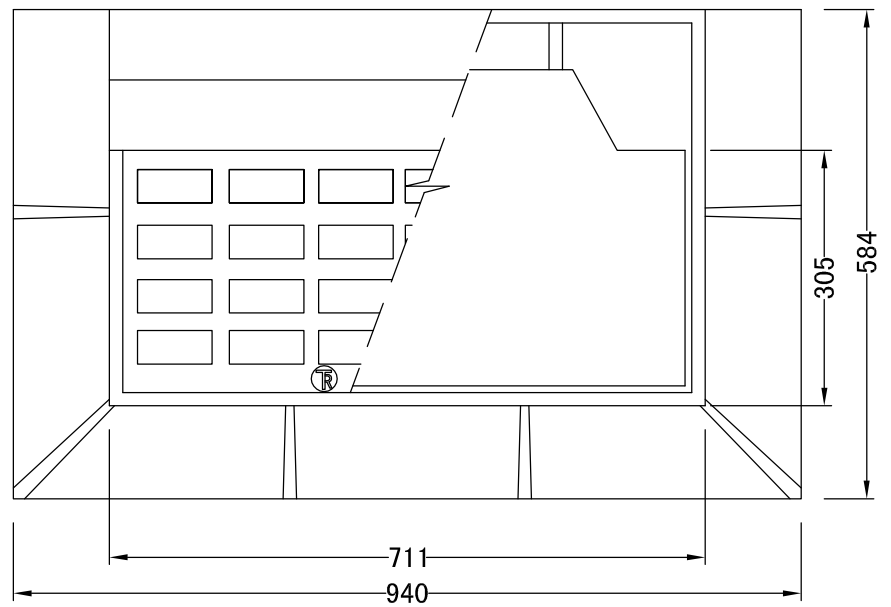
NOTES:
 MAT'L:ASTM A48 CLASS 25 GREY IRON
 FINISH:BITUMINOUS DIP
 LOADING:H20

WESTVIEW SALES LTD.

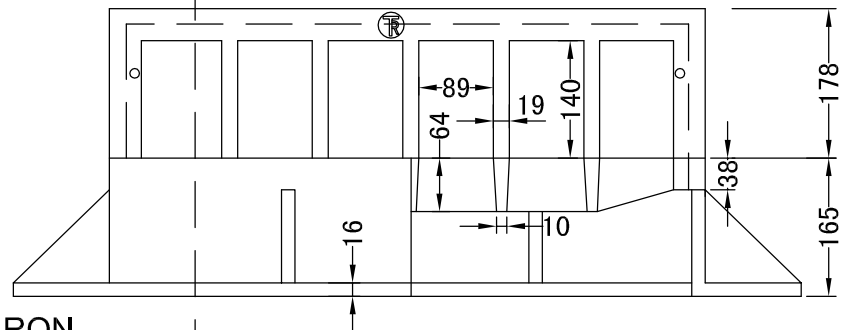
RB33COS GRATE



SECTION A-A



A



A

FRONT VIEW

NOTES:

MAT'L:ASTM A48 CLASS 30 GREY IRON

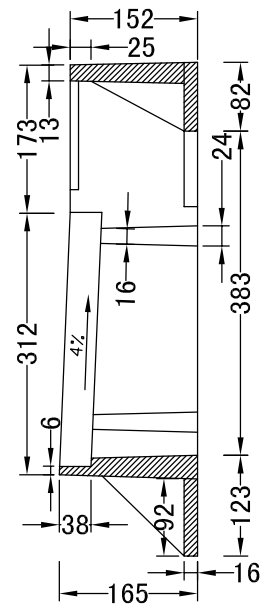
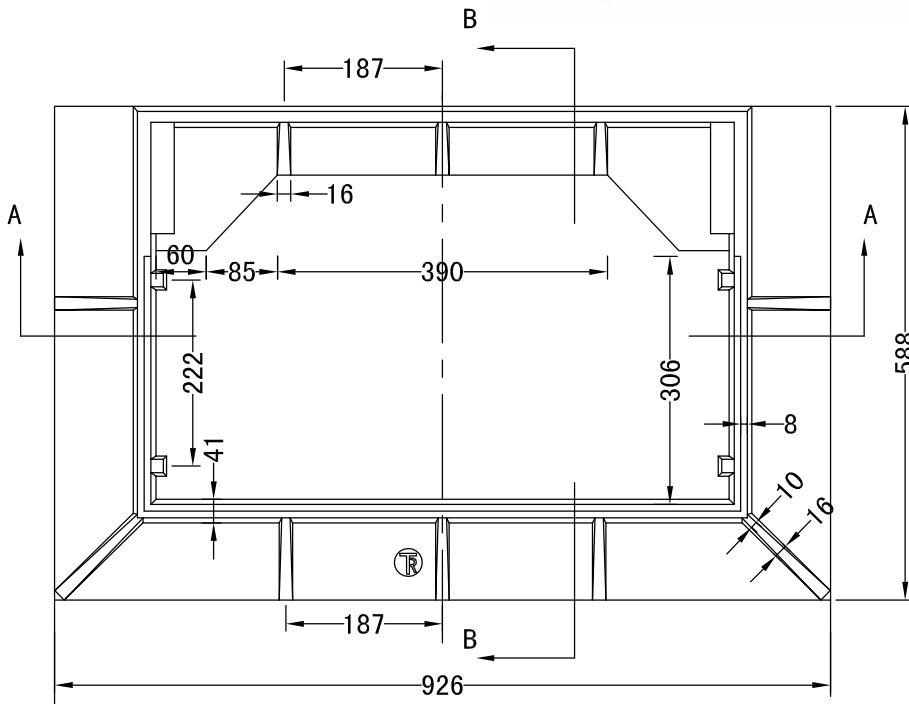
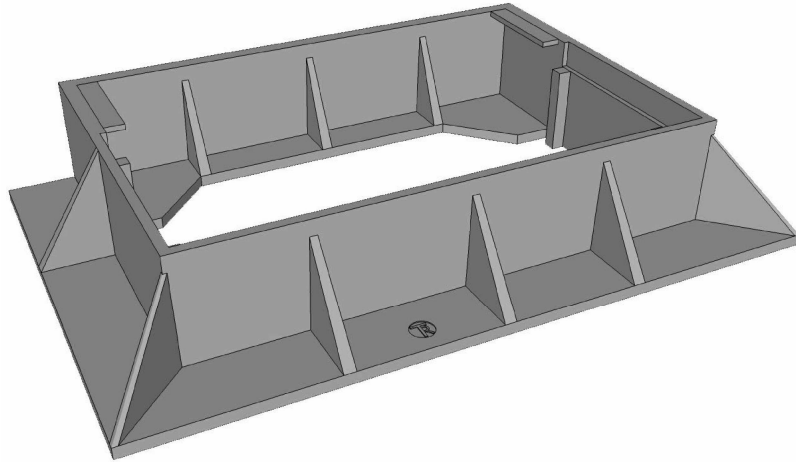
FINISH:BITUMINOUS DIP

LOADING:H2O

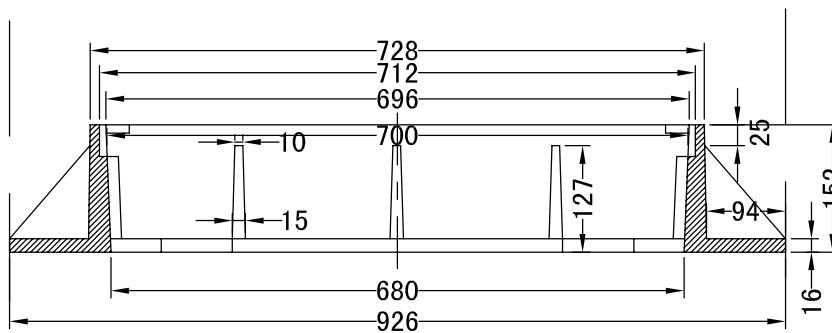
WESTVIEW SALES LTD.

STANDARD CURU
C.B.FRAME,GRATE&
SIDE INLET

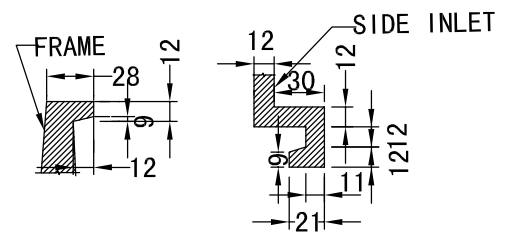
RB70 FRAME&GRATE



SECTION B-B



SECTION A-A



FRAME/SIDE INLET DETAIL

NOTES:

MAT'L:ASTM A48 CLASS 30 GREY IRON

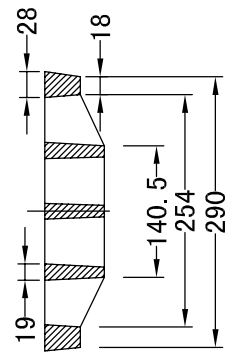
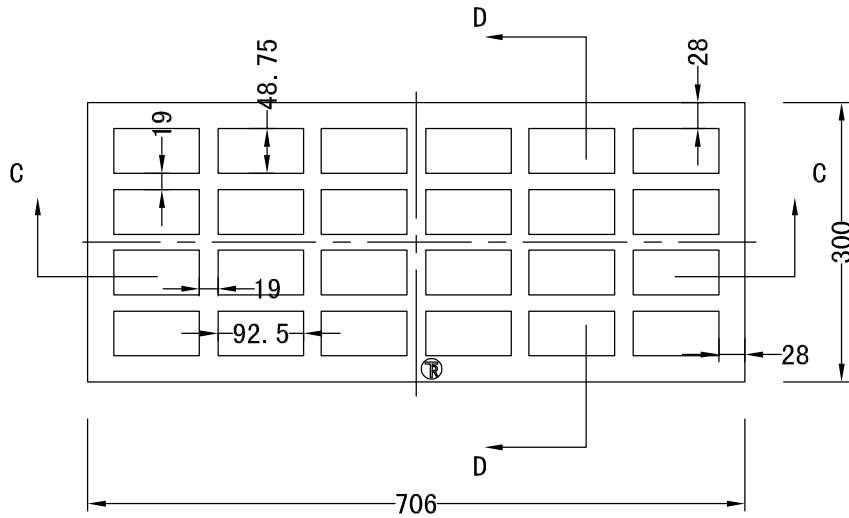
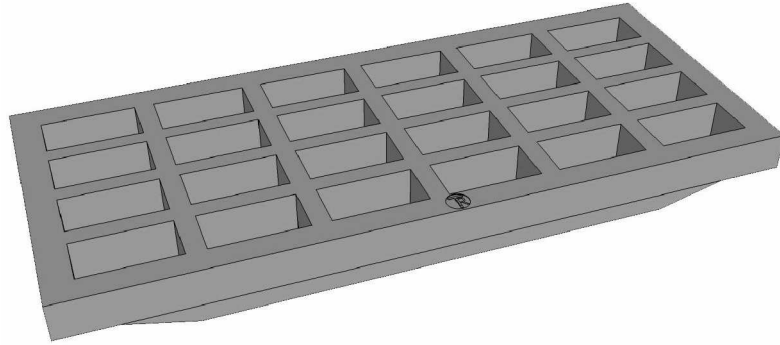
FINISH:BITUMINOUS DIP

LOADING:H2O

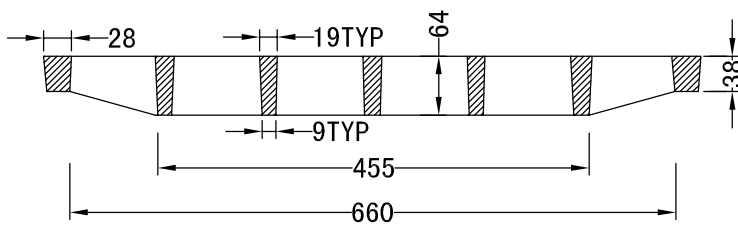
WESTVIEW SALES LTD.

STANDARD CURB TYPE
CATCH BASIN

RB70FL FRAME



SECTION D-D



SECTION C-C

NOTES:

MAT'L:ASTM A48 CLASS 30 GREY IRON

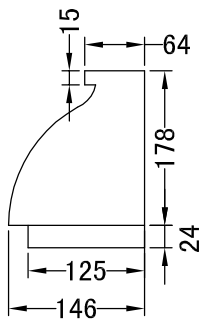
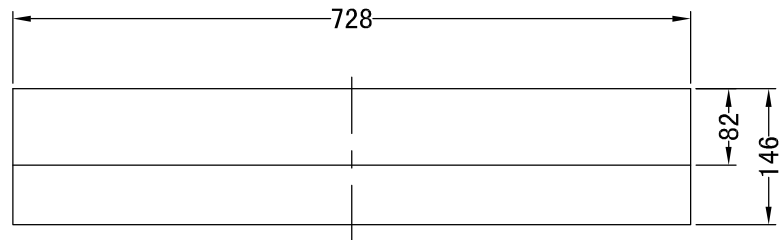
FINISH:BITUMINOUS DIP

LOADING:H20

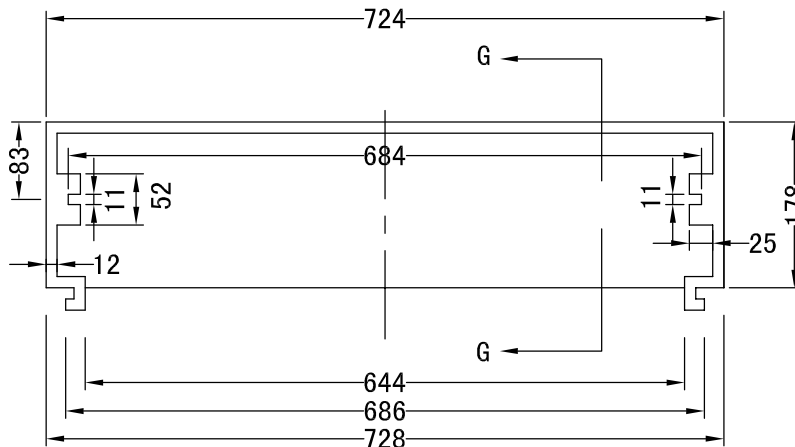
WESTVIEW SALES LTD.

STANDARD CURU TYPE
CATCH BASIN

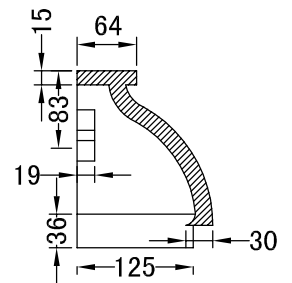
RB70G GRATE



END VIEW



FRONT VIEW



SECTION G-G

NOTES:

MAT'L:ASTM A48 CLASS 30 GREY IRON

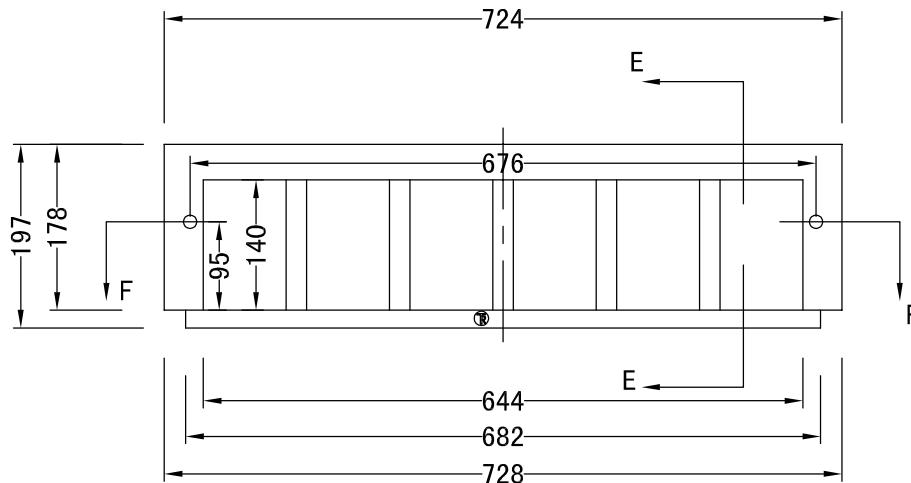
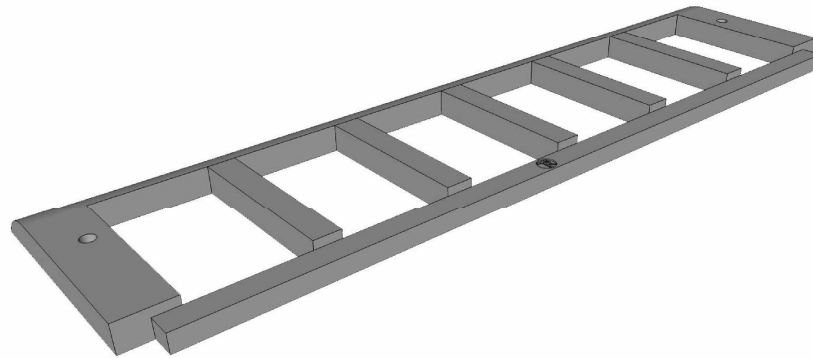
FINISH:BITUMINOUS DIP

LOADING:H20

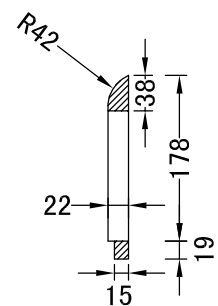
WESTVIEW SALES LTD.

STANDARD CURB TYPE
CATCH BASIN

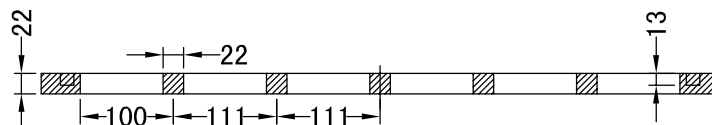
RB70 SIFL SIDE
INLET LOCKING



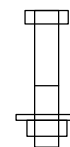
FRONT VIEW



SECTION E-E



SECTION F-F



3/8" X 2 1/4" HEX HDBOLT & NUT
NCT-2 REQUIRED

NOTES:

MAT'L: ASTM A536 DUCTILE IRON 80-55-06

FINISH: BITUMINOUS DIP

LOADING: H20

WESTVIEW SALES LTD.

CURB TYPE
CATCH BASIN

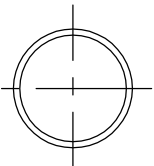
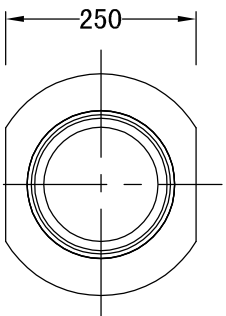
RB70 SIGL LOCKING
SIDE INLET GRATE



SECTION 3:

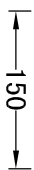
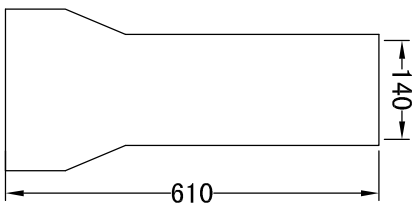
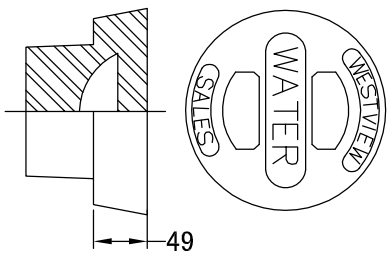
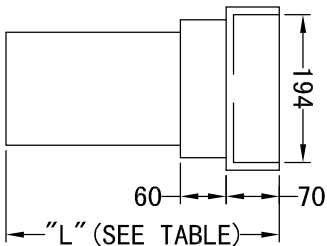
VALVE BOXES



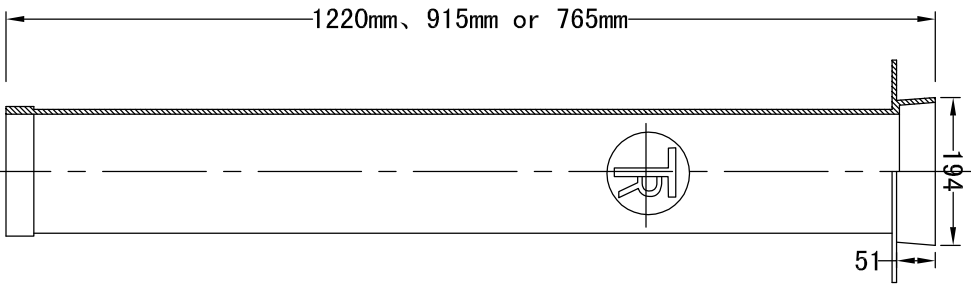


NO	LENGTH "L"
12	311 mm
24	616 mm
36	921 mm

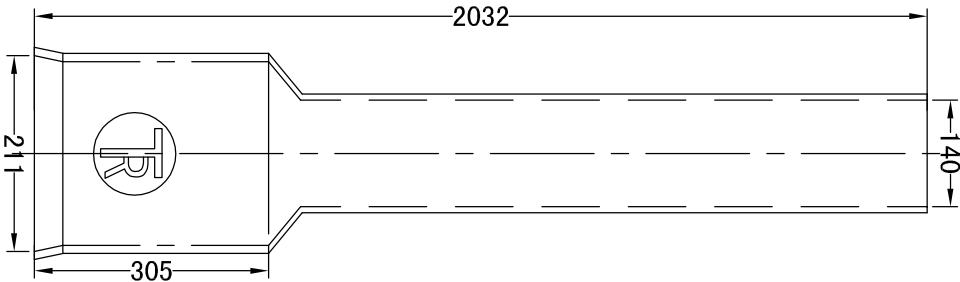
TYPE "A"
VALVE BOX
RISERS



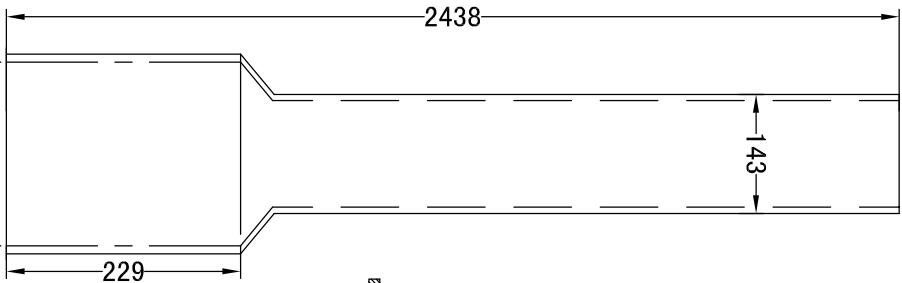
TYPE "A" VB LID
INTERMEDIATE
EXTENSION



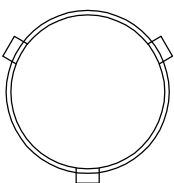
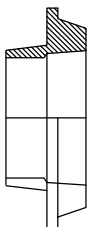
TYPE "A"
VALVE BOX TOP
CAST IRON



TYPE "A"
VALVE BOX BOTTOM
CAST IRON

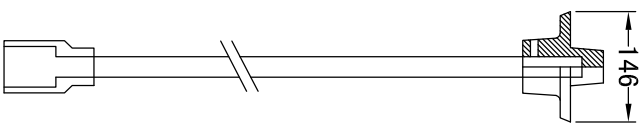


TYPE "A"
VALVE BOX BOTTOM
CAST IRON



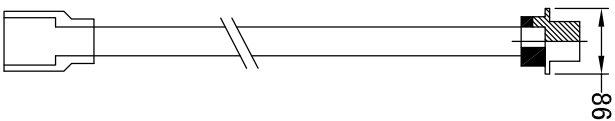
LIFTER RING
LOCKING RING

NO	VALUE	RISERS	RINGS
A	25mm	51mm	76mm
B	51mm	51mm	51mm
C	79mm	105mm	130mm



DIMENSIONS IN MM

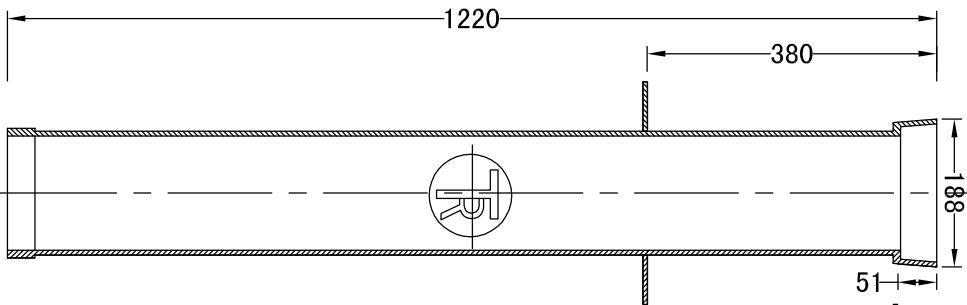
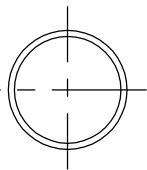
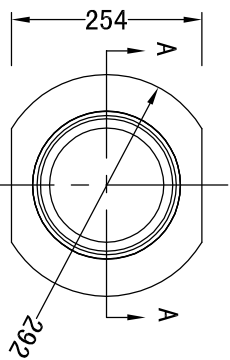
ROD C/W
ROCK GUARD



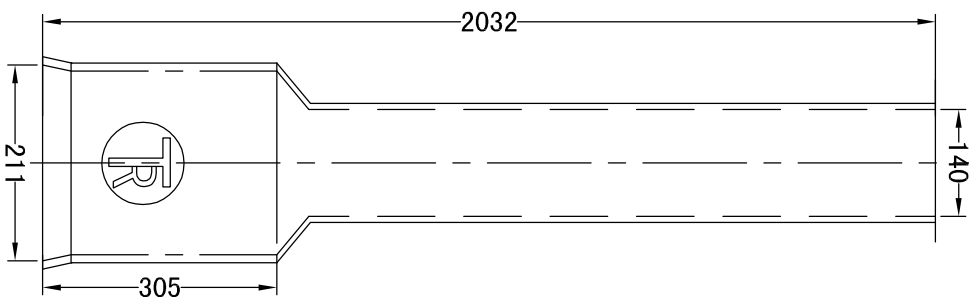
ROD
STANDARD

WESTVIEW SALES LTD.

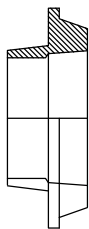
TYPE A VALVE BOX
ASSEMBLY



TYPE "A"
VALVE BOX TOP
CAST IRON

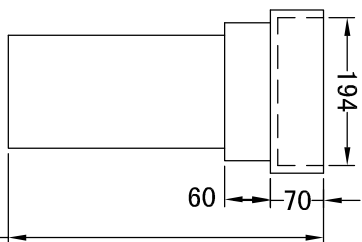


TYPE "A"
VALVE BOX BOTTOM
CAST IRON



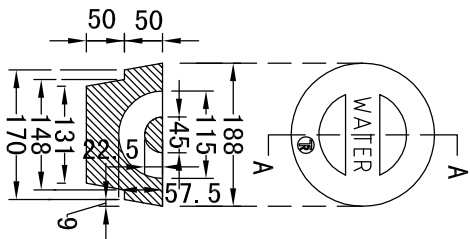
LIFTER RING

NO	LENGTH "L"
12	311 mm
24	616 mm
36	921 mm

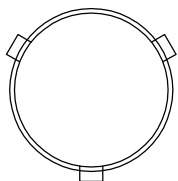


TYPE "A"
VALVE BOX
RISERS

"L" (SEE TABLE)

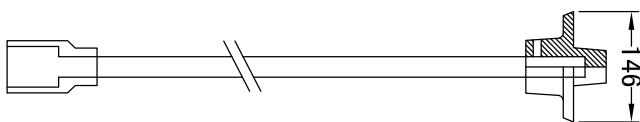


TYPE "A" VB LID

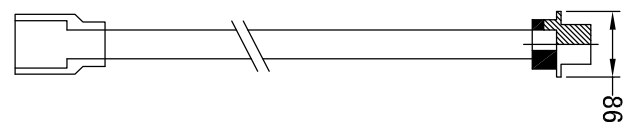


LOCKING RING

NO	VALUE	RISERS	RINGS
A	25mm	51mm	76mm
B	51mm	51mm	51mm
C	79mm	105mm	130mm



ROD C/W
ROCK GUARD



ROD
STANDARD

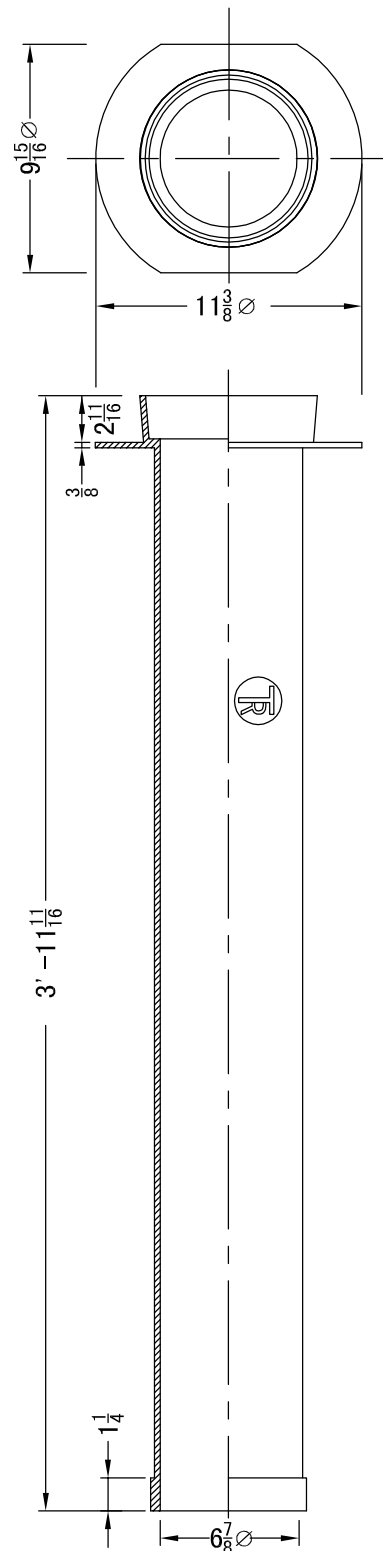
INTERMEDIATE
EXTENSION

DIMENSIONS IN MM

WESTVIEW SALES LTD.

TYPE A VALVE BOX

LETHBRIDGE SPEC



NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

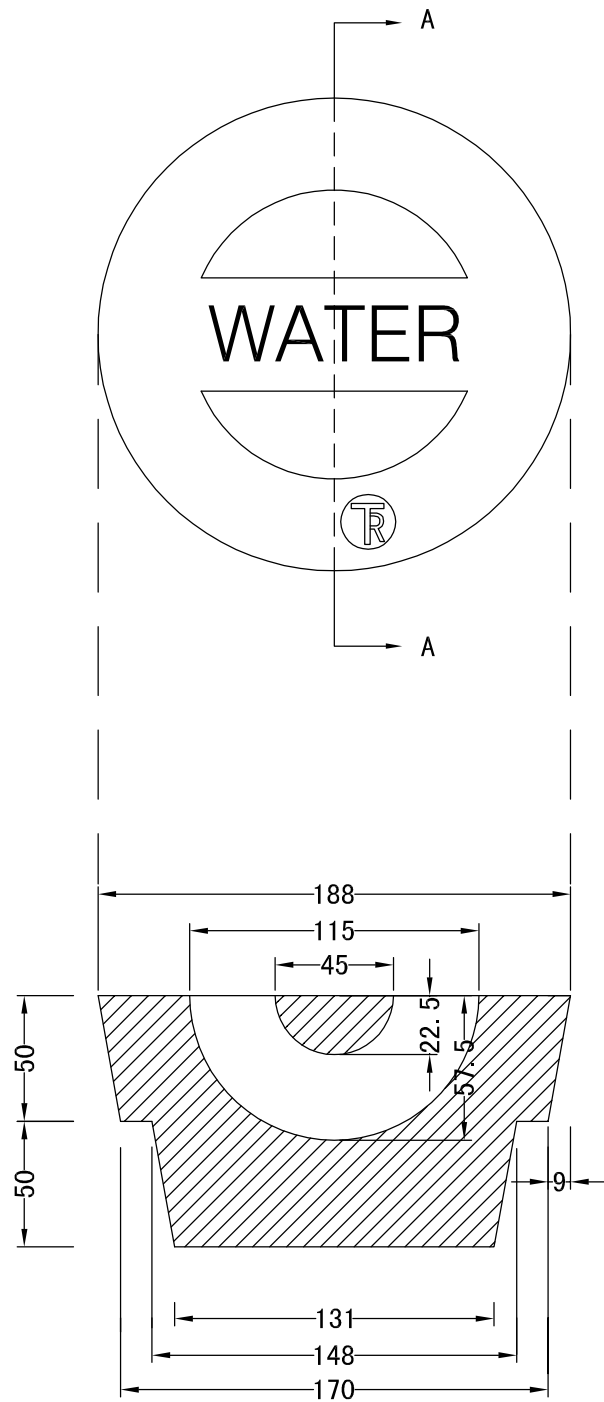
FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

TYPE"A" 4FT
VALVE BOX BODY

RB-48U/BOX BODY



SECTION A-A

NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

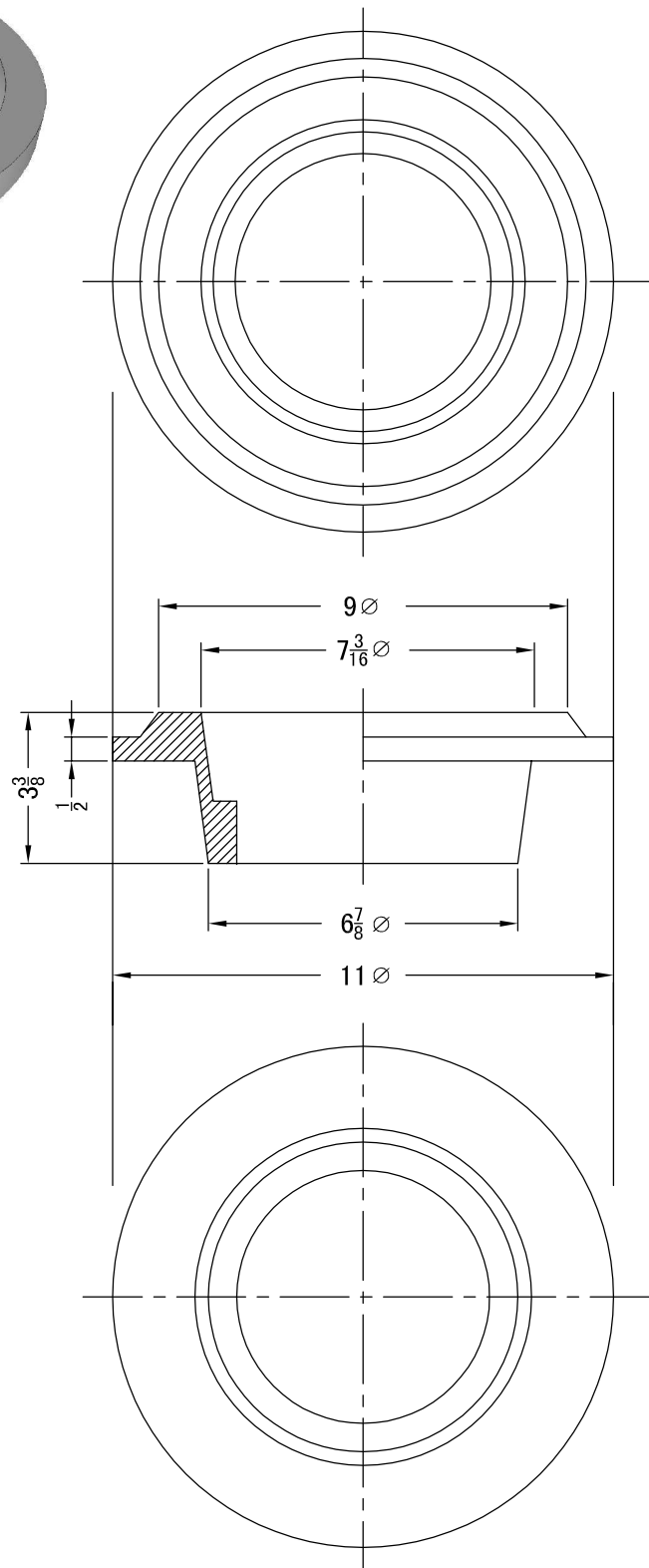
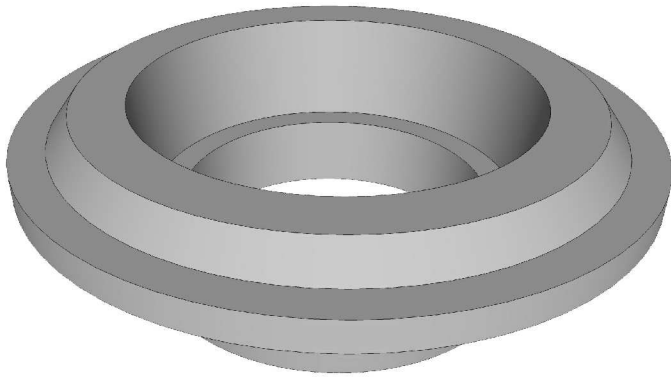
FINISH:BITUMINOUS DIP

LOADING:H2O

WESTVIEW SALES LTD.

LETHBRIDGE
VALVE BOX LID

TYPE A VB LID



NOTES:

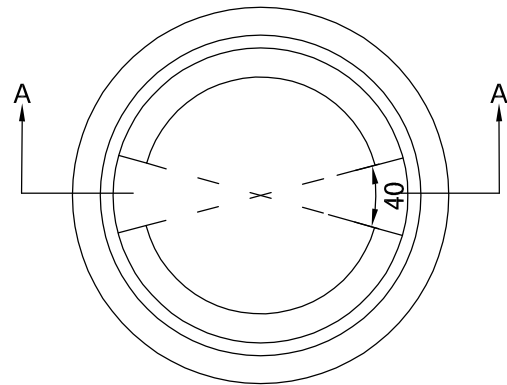
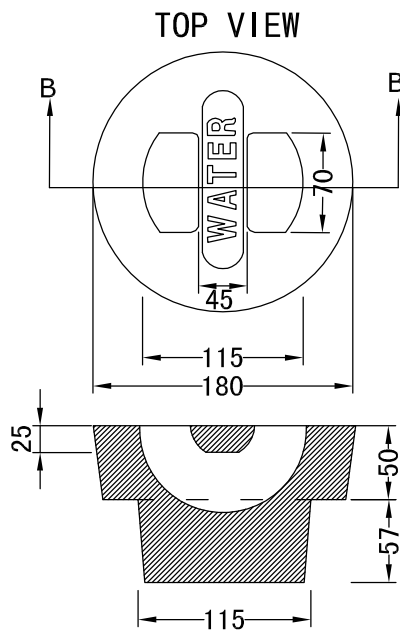
MAT'L:ASTM A48 CLASS 25 GREY IRON

FINISH:BITUMINOUS DIP

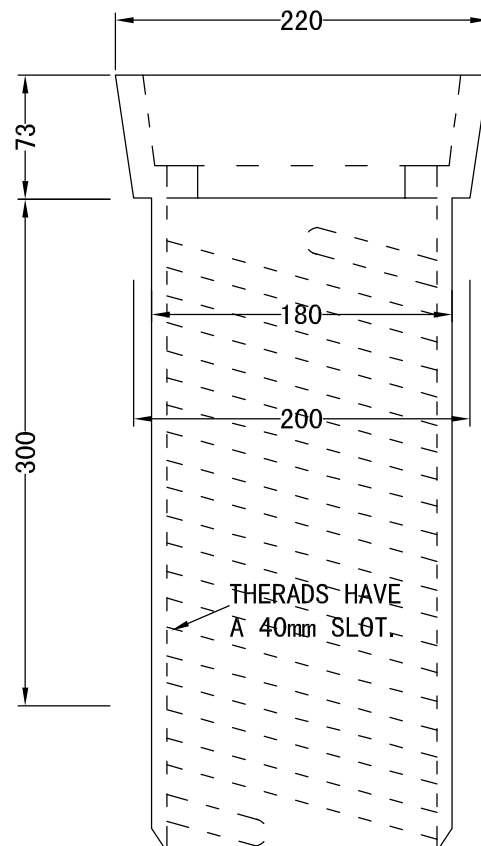
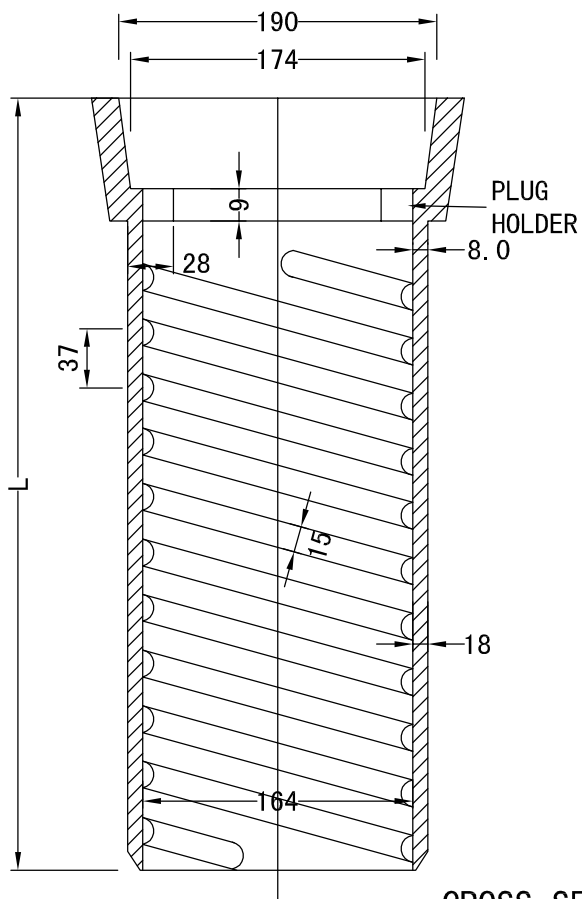
LOADING:H20

WESTVIEW SALES LTD.

TYPE"A" RISER RING $1\frac{1}{2}$ "



TOP VIEW



NOTES:

MAT'L:ASTM A536 DUCTILE IRON 80-55-06

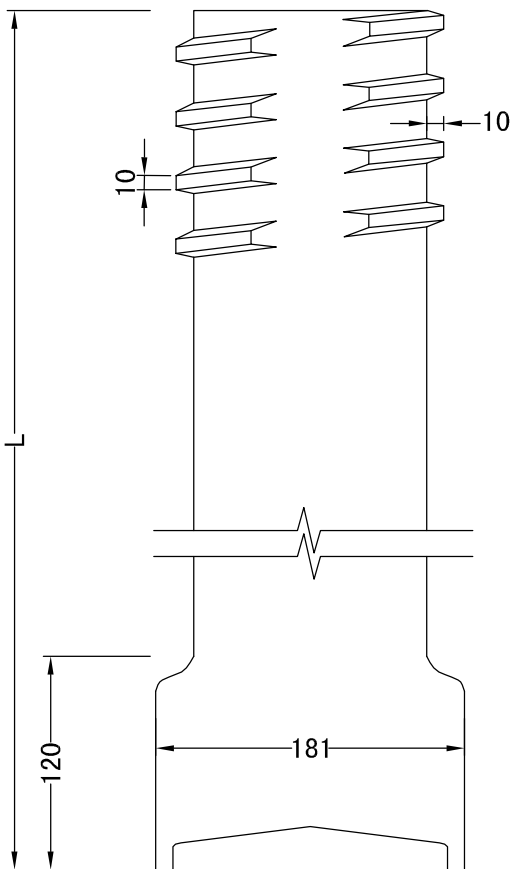
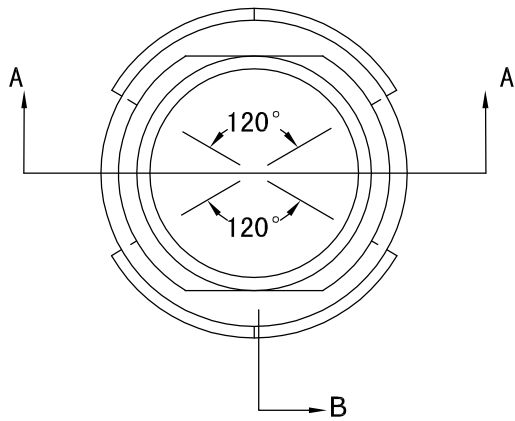
FINISH:BITUMINOUS DIP

LOADING:H2O

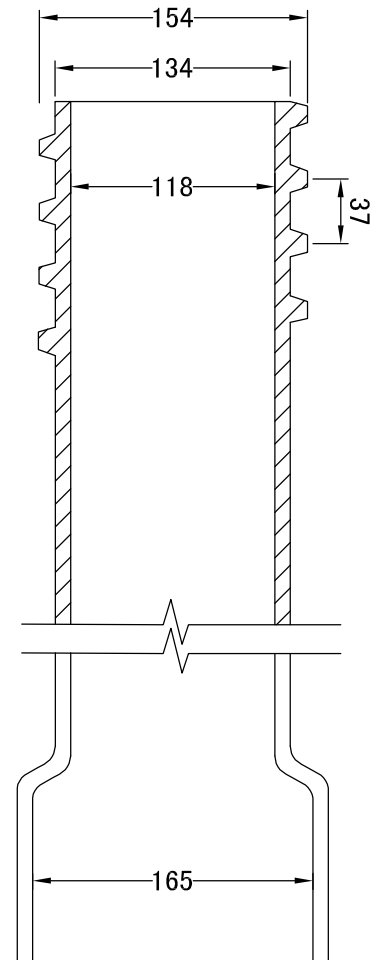
WESTVIEW SALES LTD.

VALVE CASING TOP
SECTION & PLUG

TOP VIEW



ELEVATION



CROSS SECTION A-A

NOTES:

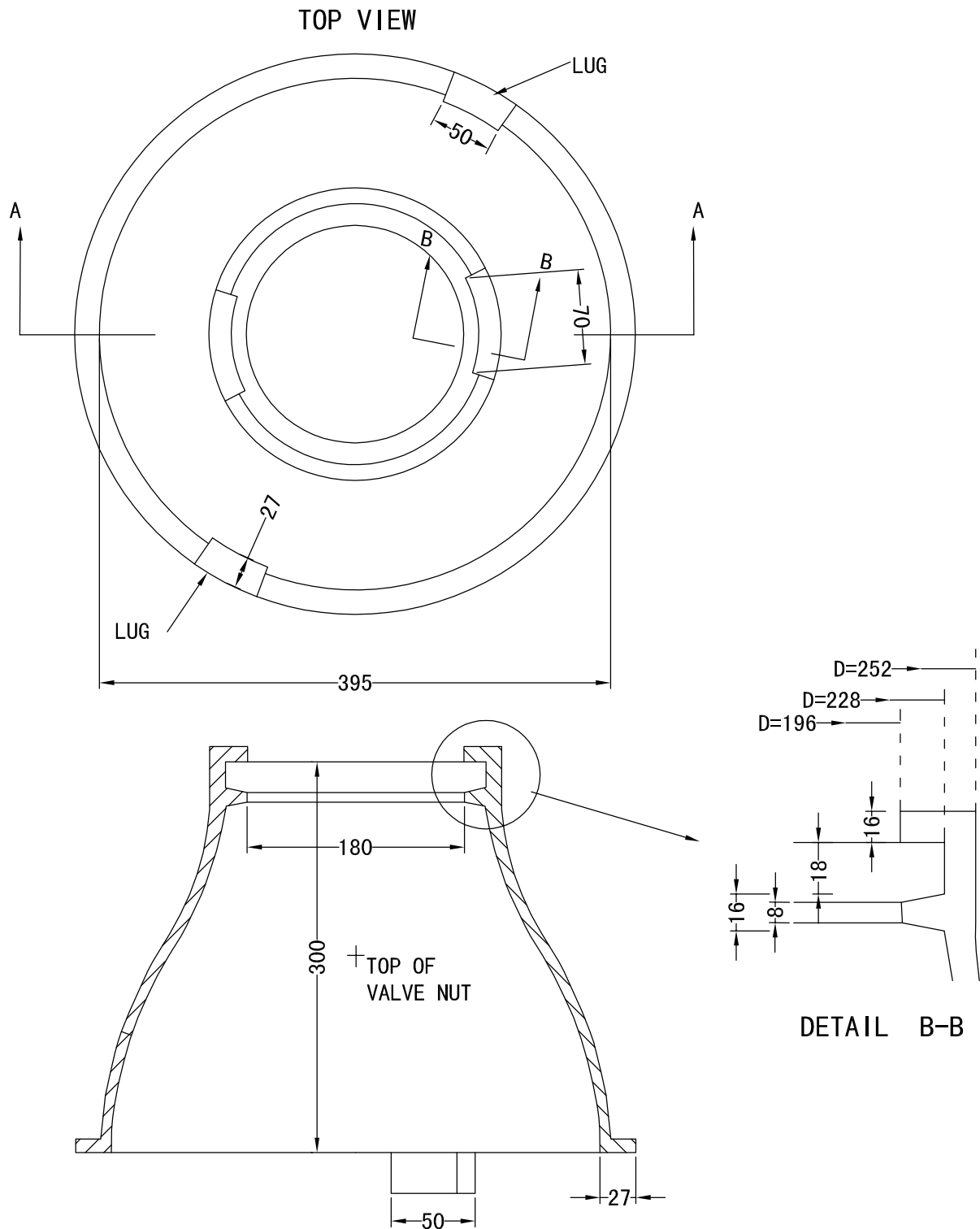
MAT'L:ASTM A48 CLASS 25 GREY IRON

FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

VALVE CASING BOTTOM
SECTION



CROSS SECTION A-A

NOTES:

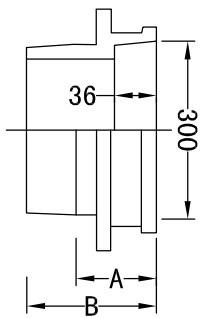
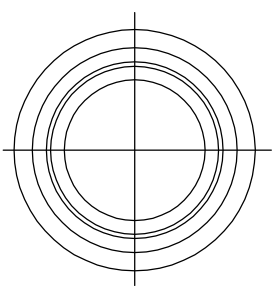
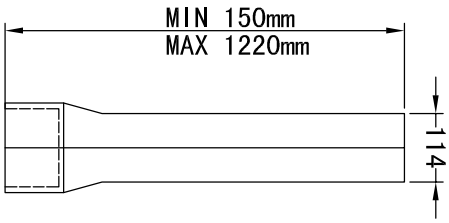
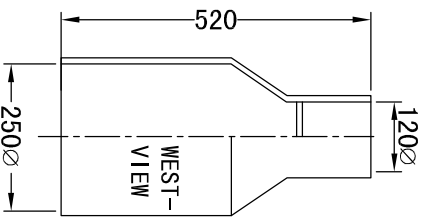
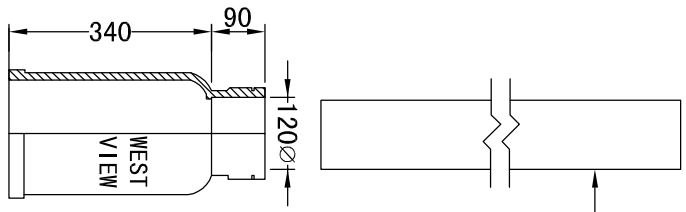
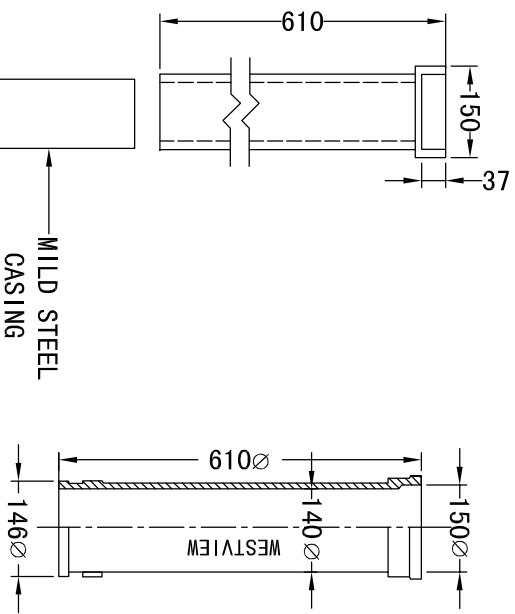
MAT'L:ASTM A536 DUCTILE IRON 80-55-06

FINISH:BITUMINOUS DIP

LOADING:H20

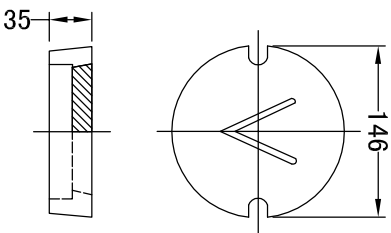
WESTVIEW SALES LTD.

VALVE BONNET

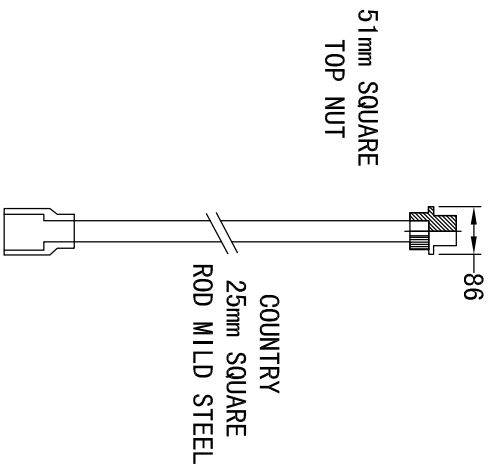


RISER

RISER RING	A	B
	50mm	82mm
	75mm	107mm
	100mm	132mm
	150mm	182mm



COVER



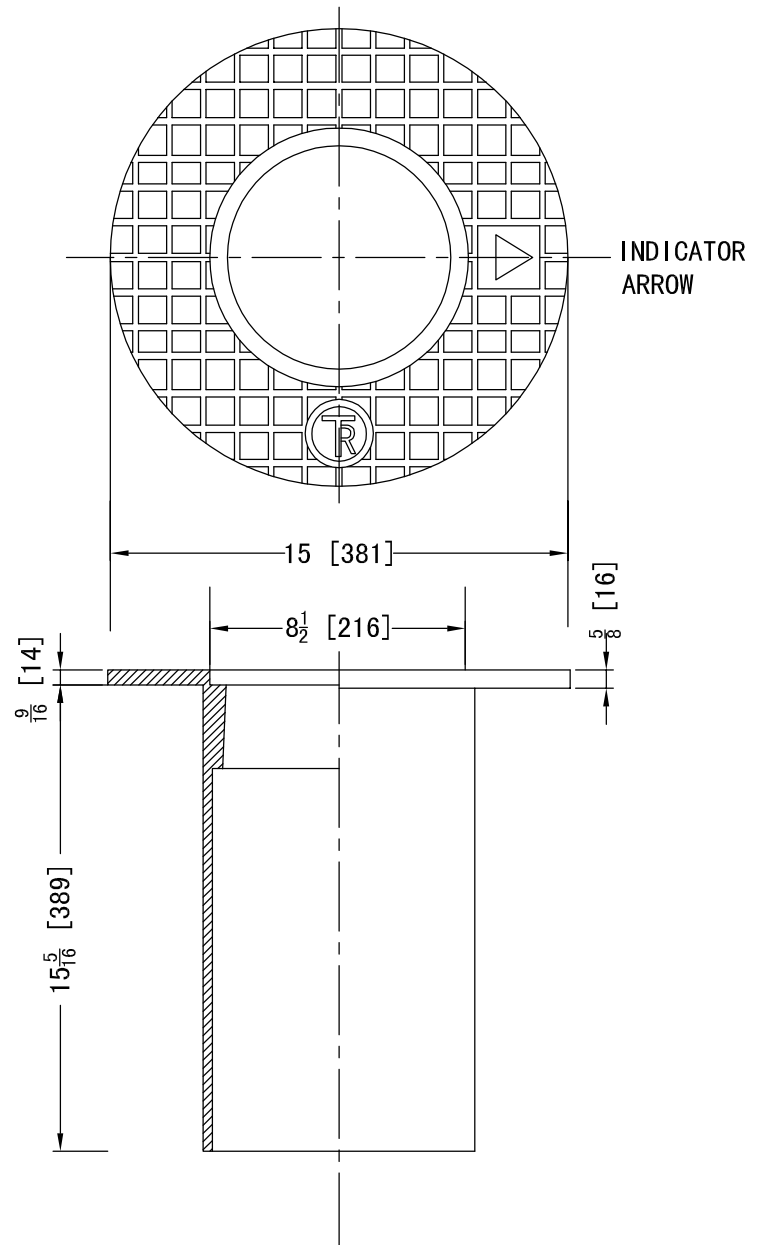
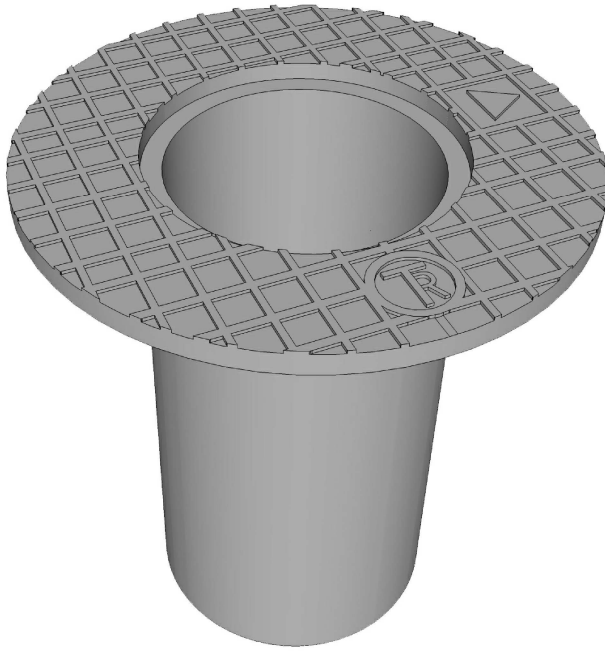
VALVE BOX ROD
STANDARD

DIMENSIONS IN MM

VALVE BOX WITH
SMALL BOOT
100 TO 200 VALVE

VALVE BOX WITH
LARGE BOOT
250 TO 400 VALVE

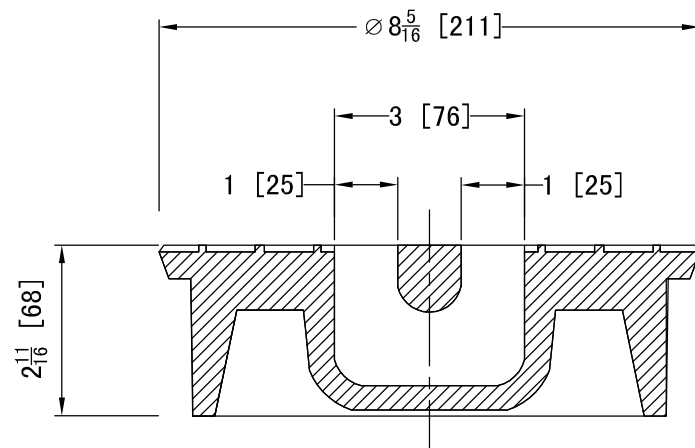
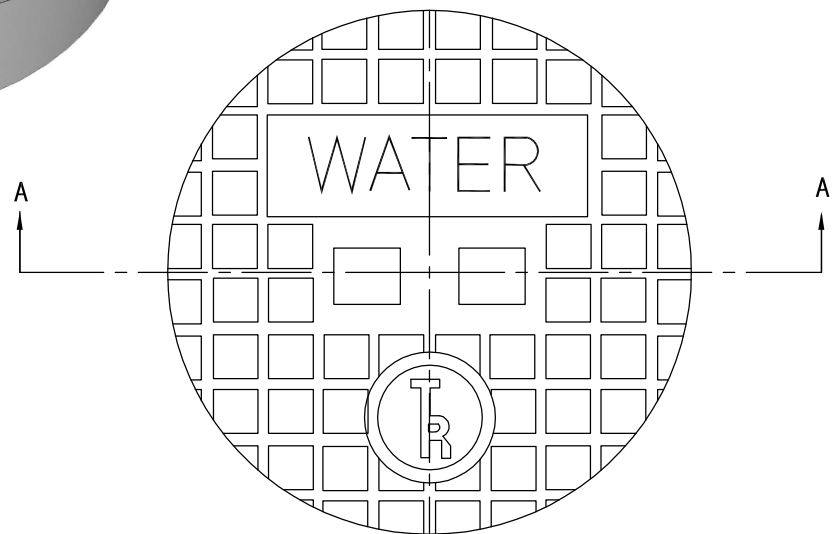
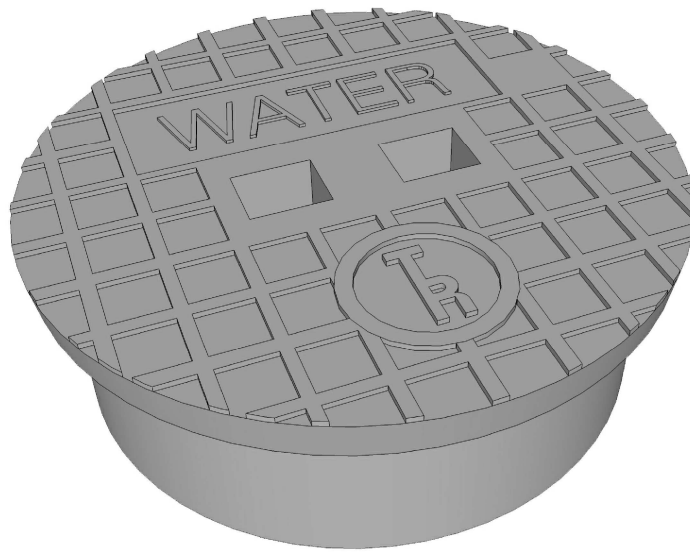
EXTENSION
FABRICATION STEEL



NOTES:
 MAT'L:ASTM A48 CLASS 25 GREY IRON
 FINISH:BITUMINOUS DIP
 LOADING:H20

WESTVIEW SALES LTD.

ROBAR VALVE BOX



SECTION A-A

NOTES:

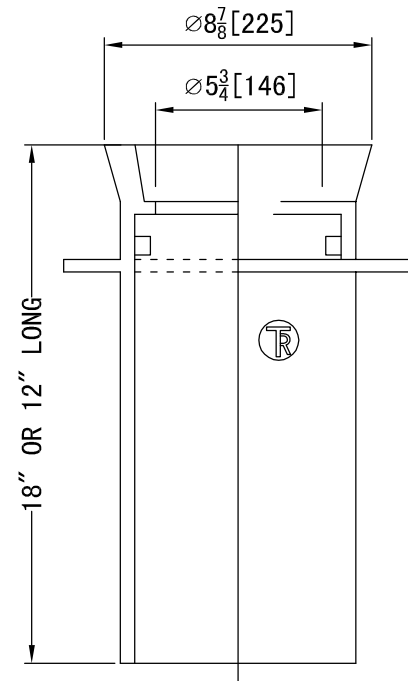
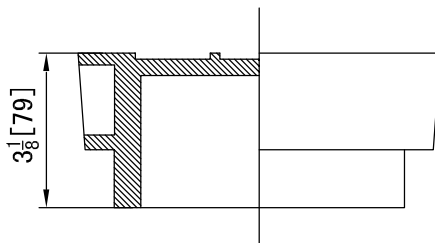
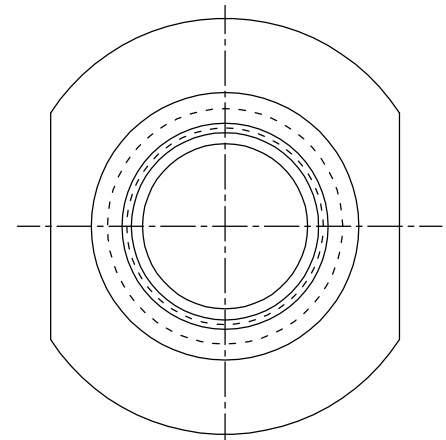
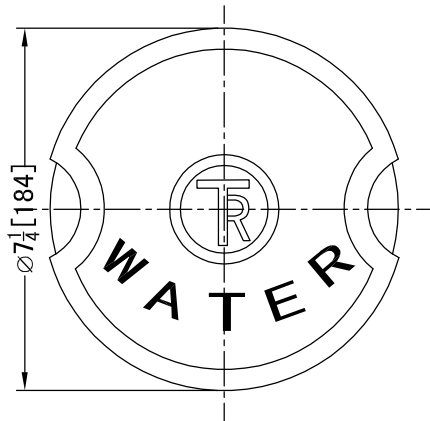
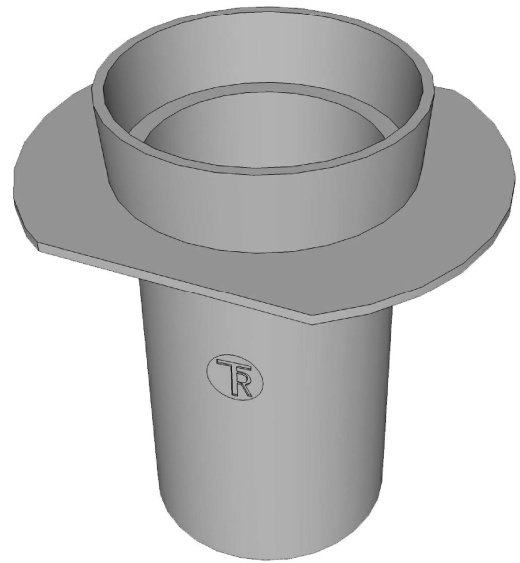
MAT'L:ASTM A48 CLASS 25 GREY IRON

FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

ROBAR U/BOX LID



NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

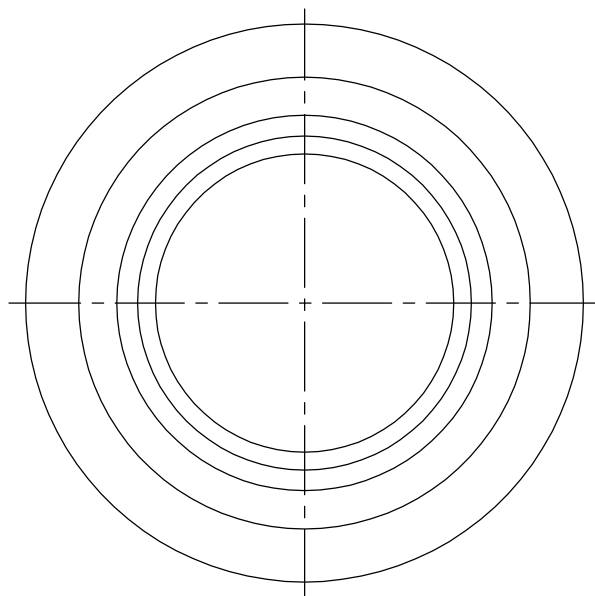
FINISH:BITUMINOUS DIP

LOADING:H2O

ALSO AVAILABLE WITH LOCKING LID

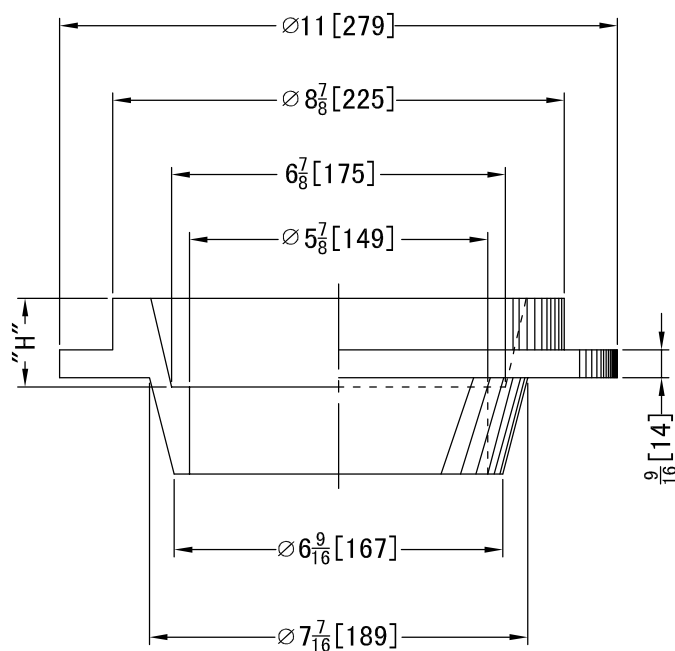
WESTVIEW SALES LTD.

NT VALVE BOX & LID



HEIGHTS AVAILABLE

"H" = 1 3/4 (44)
 = 2 (51)
 = 2 1/4 (57)
 = 2 1/2 (64)



RISER RING

NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

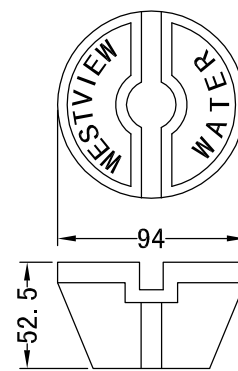
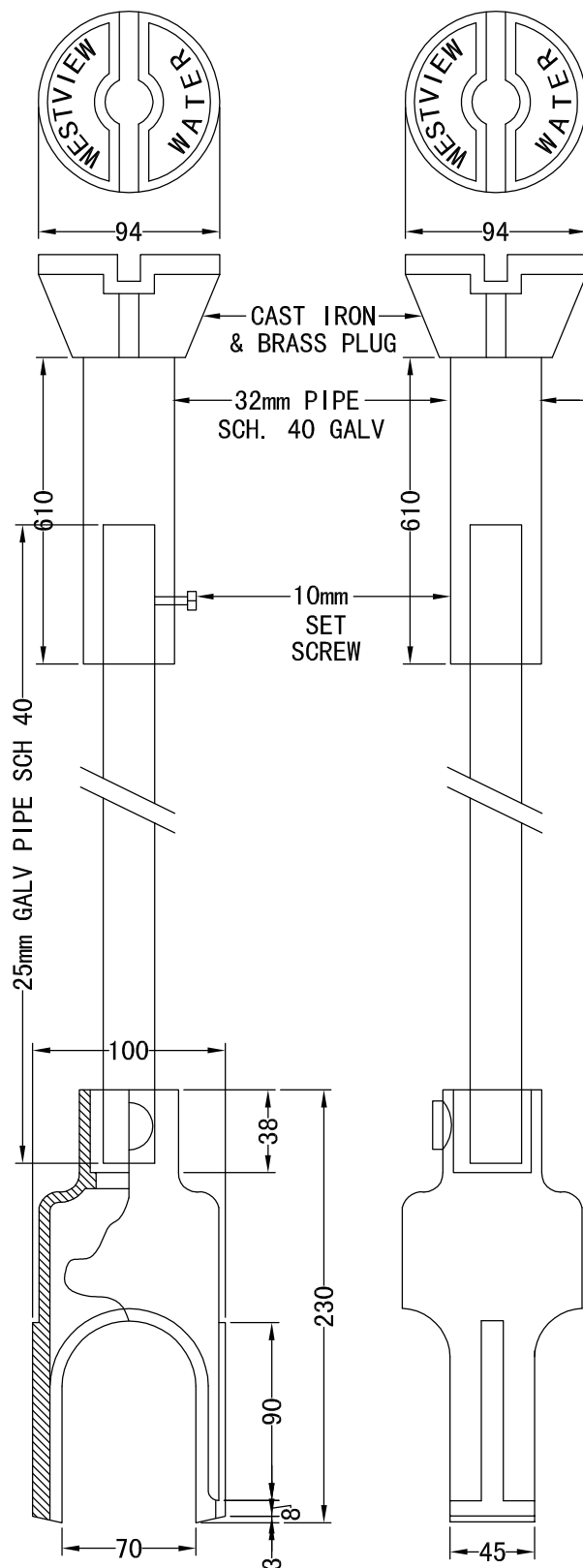
NELSON BOX RISER RING



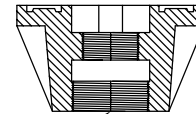
SECTION 4:

SERVICE BOXES



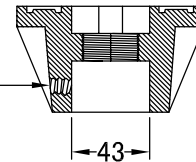


TYPE "A"
(THERADED)

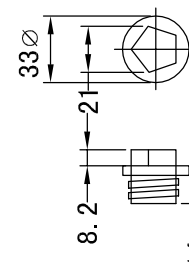


MACHINED THD TO
1 1/4" Ø STD PIPE

DRILL & TAP FOR
10 Ø HEX HD.
SCREW (GAL' D)



TYPE "B"
(SOCKET WITH SETSCREW)



BRONZE PLUG

NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

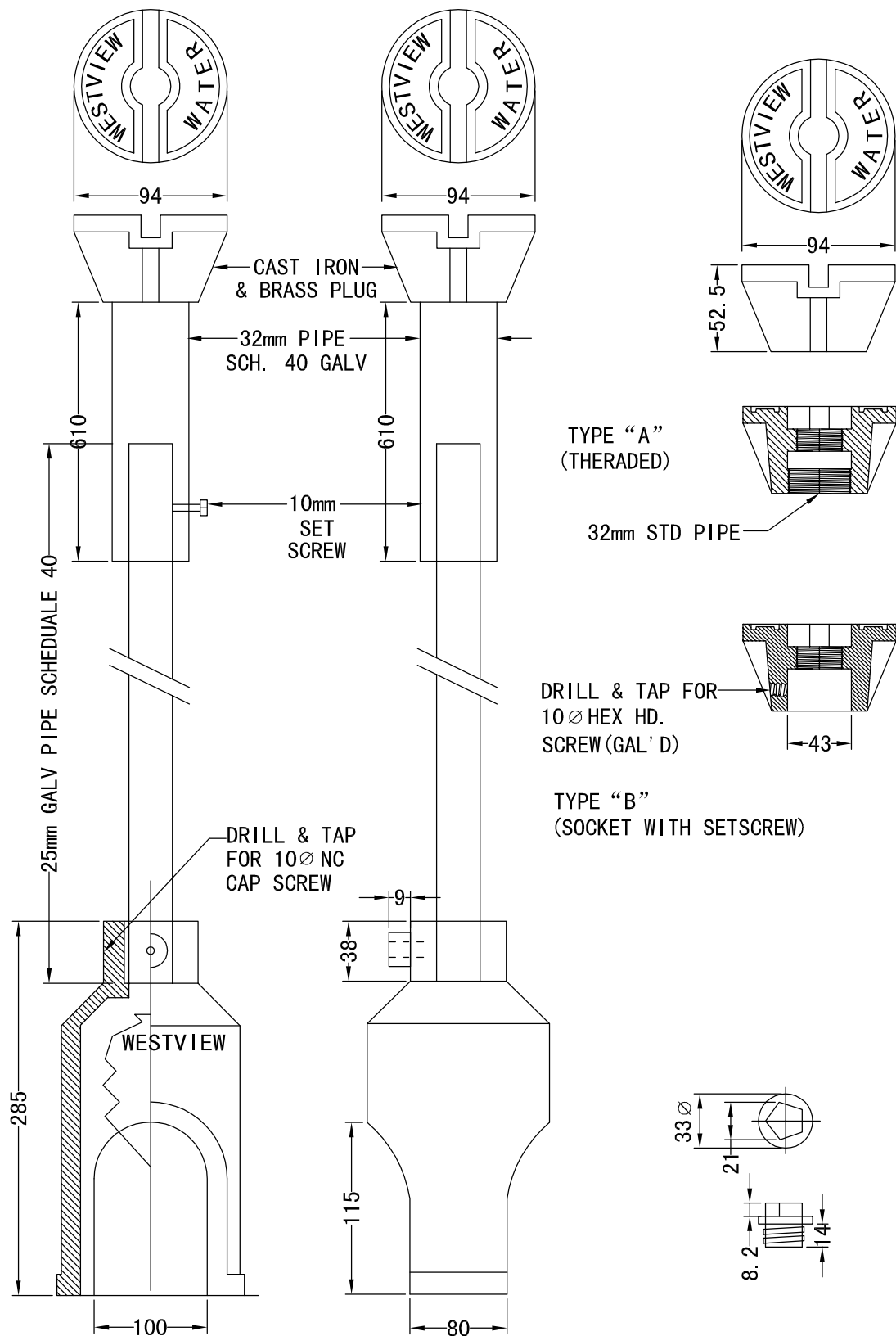
FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

SMALL SERVICE BOX

SB-1

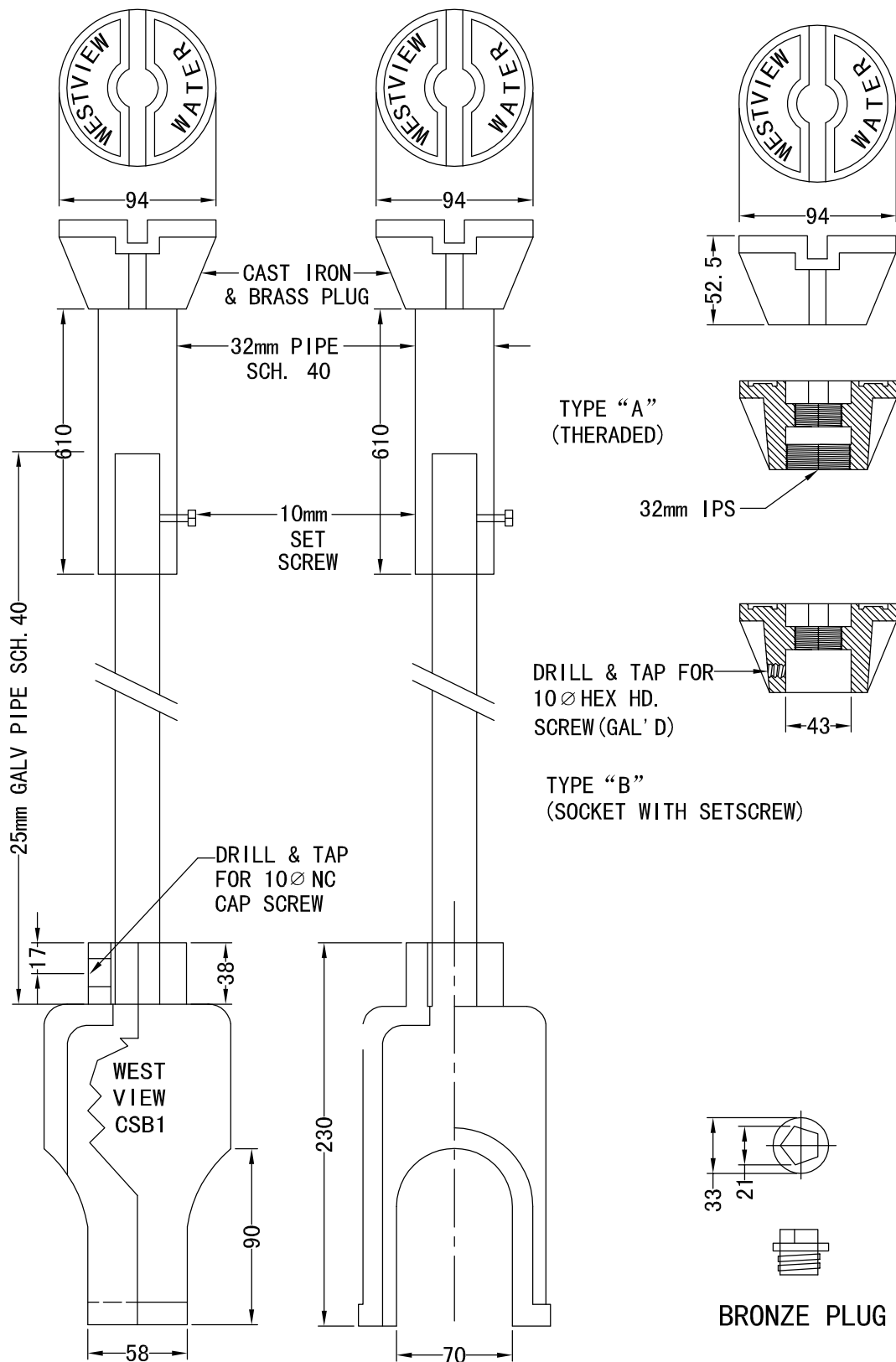


NOTES:
 MAT'L:ASTM A48 CLASS 25 GREY IRON
 FINISH:BITUMINOUS DIP
 LOADING:H20

WESTVIEW SALES LTD.

LARGE SERVICE BOX

SB-2



NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

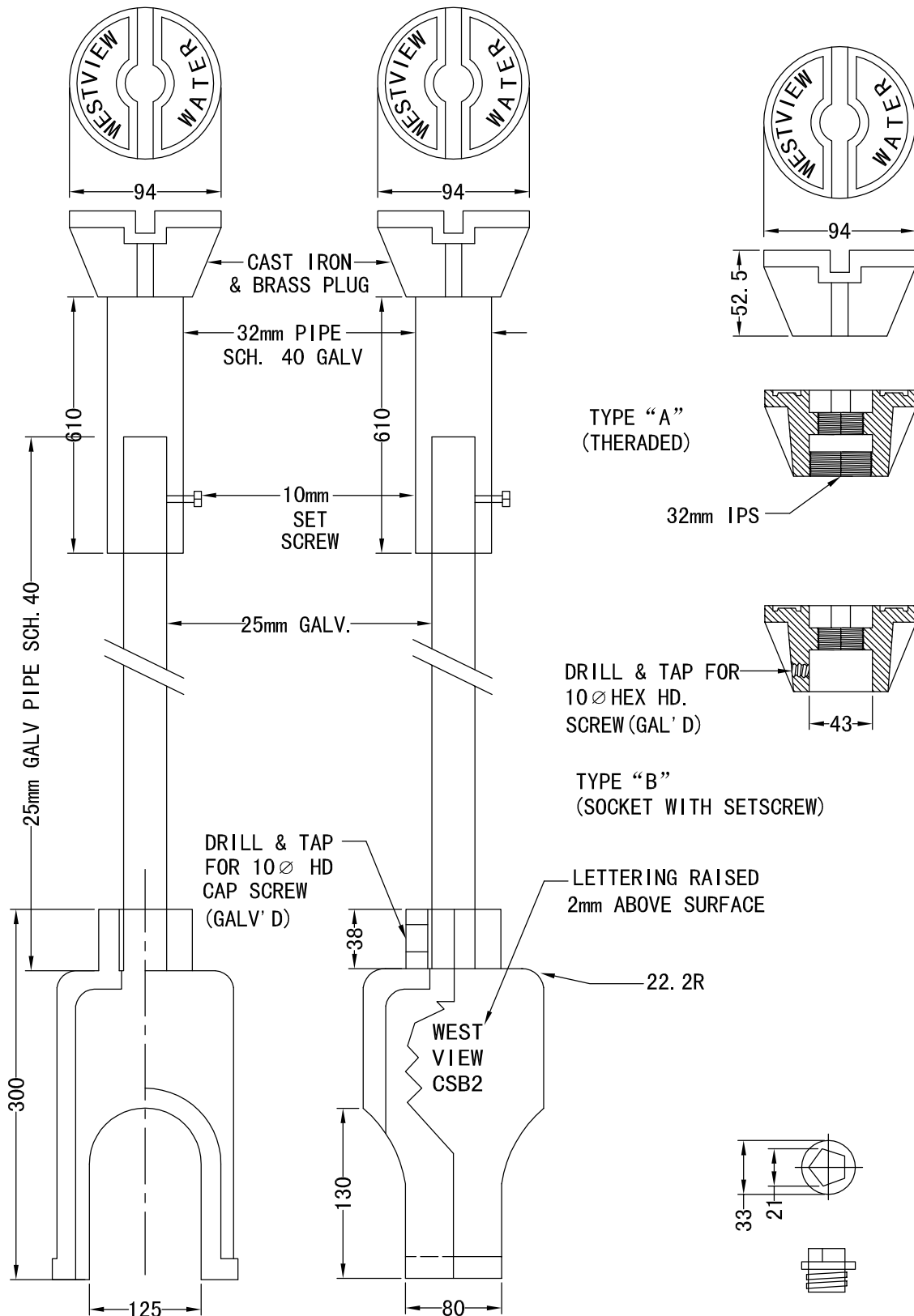
FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

SMALL CSB1 SERVICE BOX

CSB-1



NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

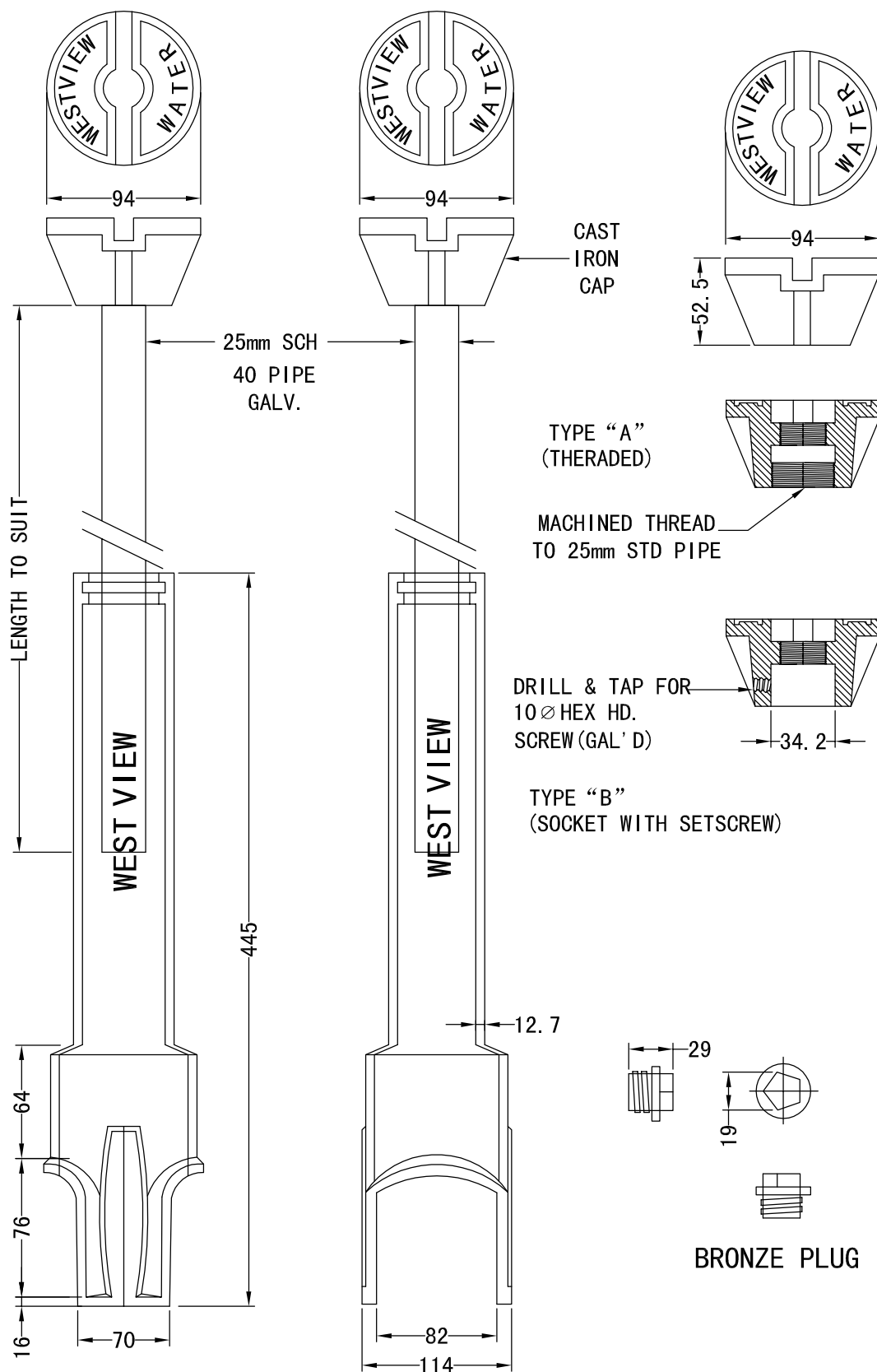
FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

LARGE SERVICE BOX

CSB-2



NOTES:

MAT'L:ASTM A48 CLASS 25 GREY IRON

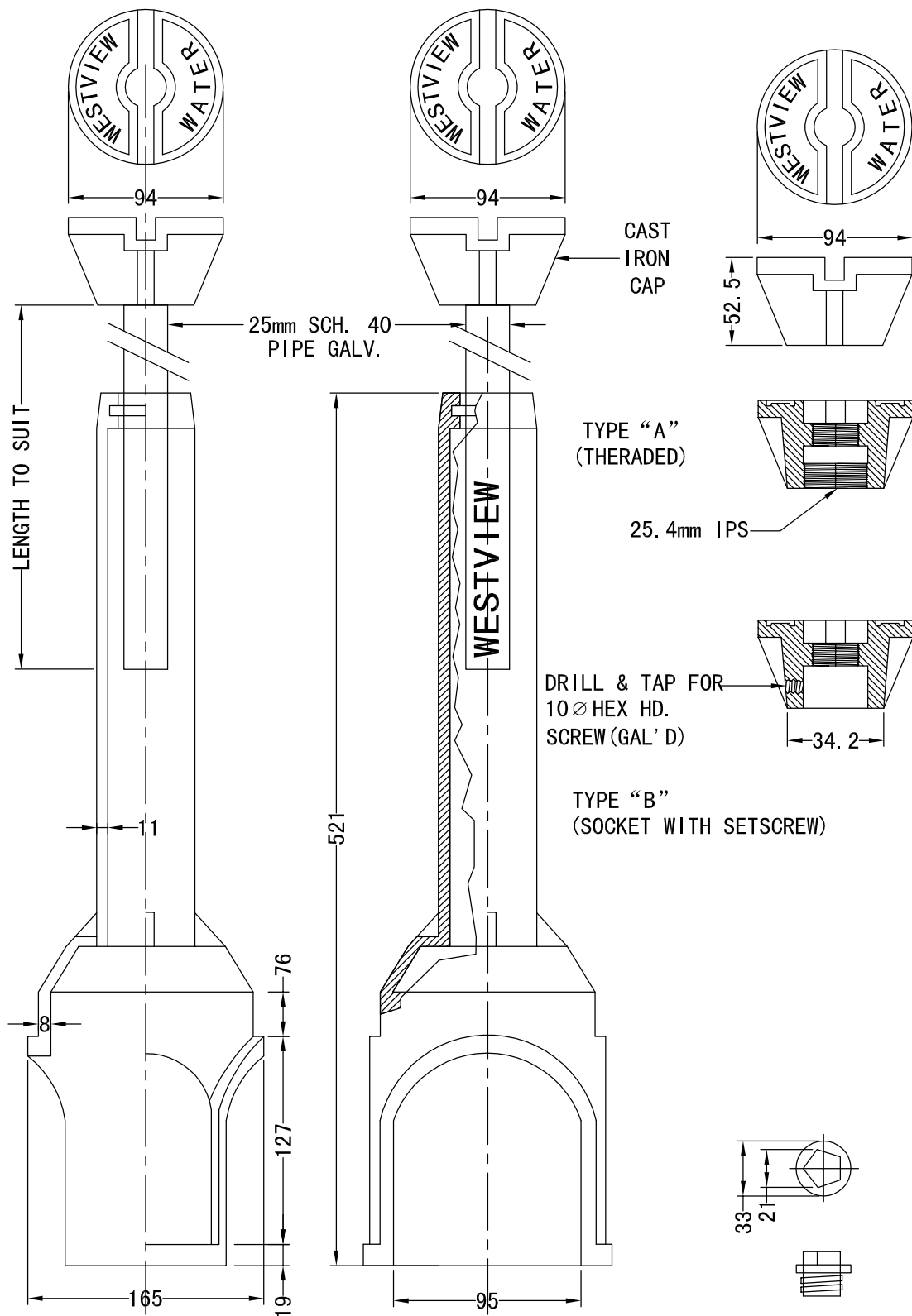
FINISH:BITUMINOUS DIP

LOADING:H20

WESTVIEW SALES LTD.

SMALL SERVICE BOX

VSB1

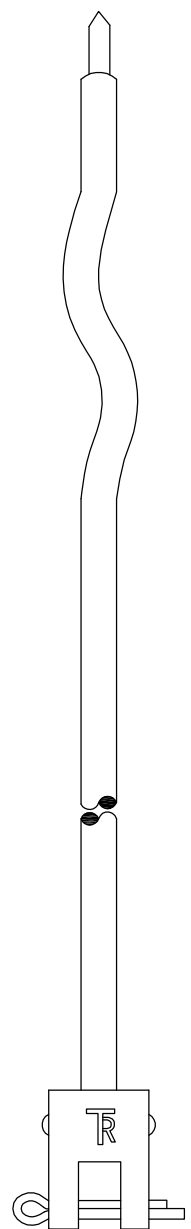
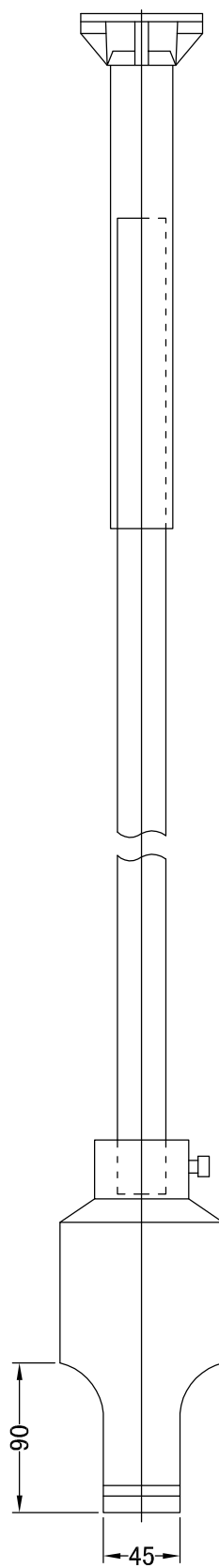
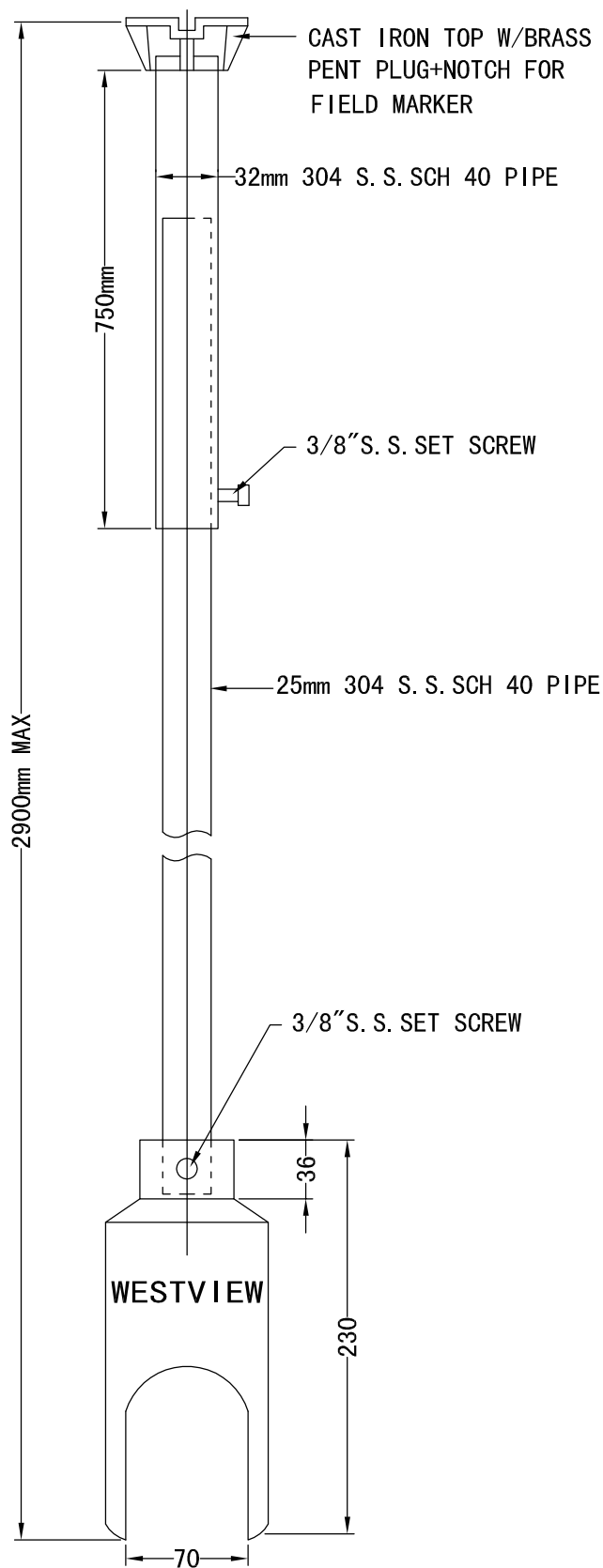


NOTES:
 MAT'L:ASTM A48 CLASS 25 GREY IRON
 FINISH:BITUMINOUS DIP
 LOADING:H20

WESTVIEW SALES LTD.

LARGE SERVICE BOX

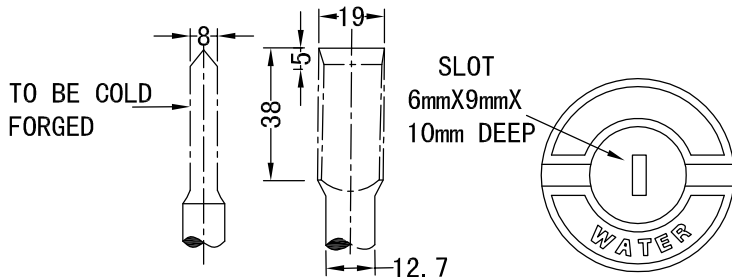
VSB2



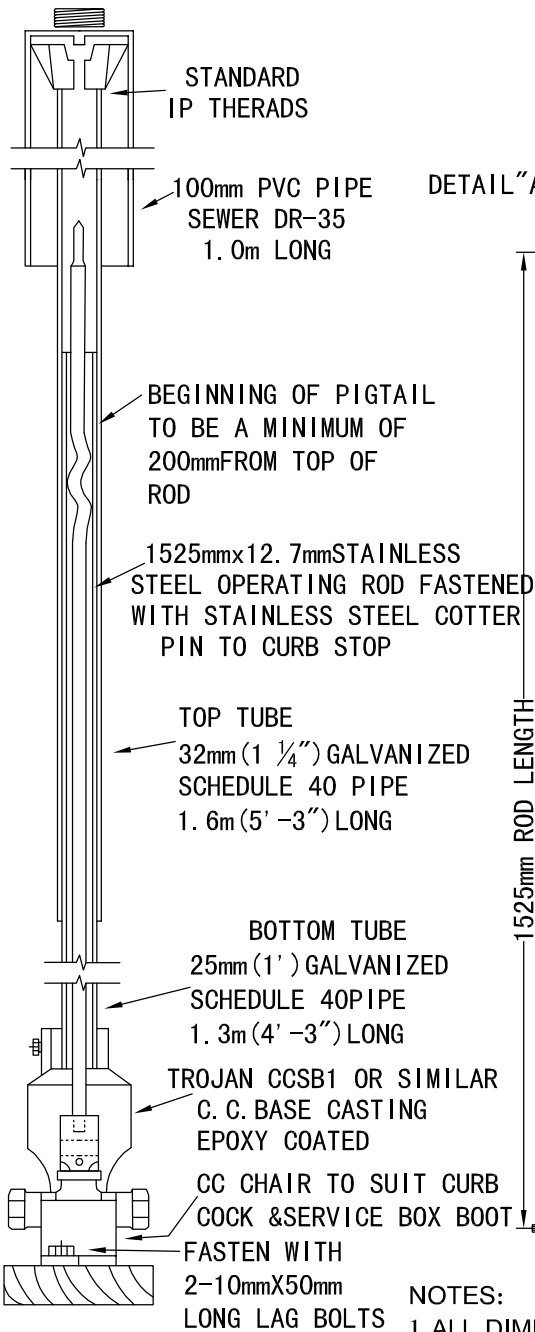
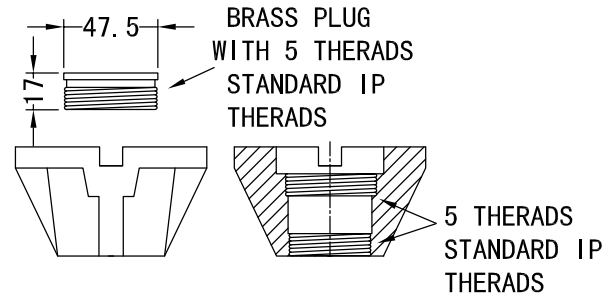
15mm S. S. ROD C/W
S. S. CAST CLEVIS

WESTVIEW SALES LTD.

C.O.S.SERVICE BOX SMALL

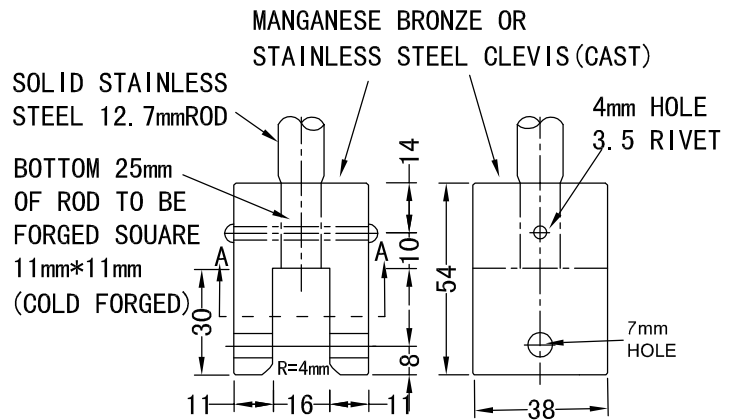


DETAIL A



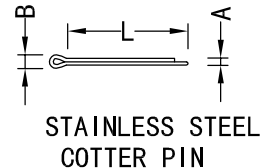
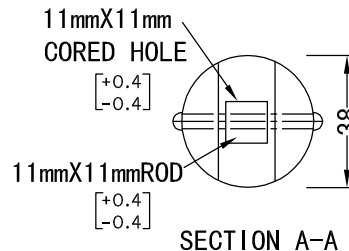
50mmX150mmX300mm
TREATED WOOD BLOCK

DETAIL "A"



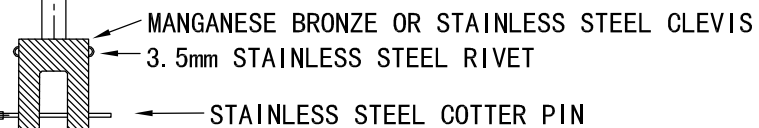
DETAIL B

BEGINNING OF PIGTAIL
TO BE A MINIMUM OF
200mm FORM TOP OF
ROD



NOMI NAL DIAMETER	DI AMETER A		OUTSIDE EYE DI AMETER B MINIMUM	HOLE SIZE RECOMMENDED	LENGTH L
	MAX.	MIN.			
6.35mm	5.7mm	6.6mm	12.7mm	6.7mm	55mm

DETAIL "B"



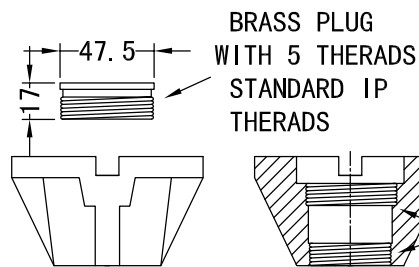
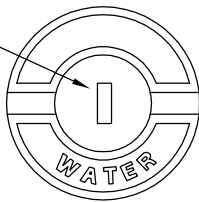
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. OPERATING ROD SHALL BE SUPPLIED AS A SINGLE UNIT COMPRISED OF A SOLID. MILE STEEL ROD ,ATTACHED TO CLEVIS WITH A STAINLESS STEEL RIVET.
3. THE MANUFACTURES'S NAME SHALL BE EMBOSSED IONTO THE CLEVIS.

WESTVIEW SALES LTD.

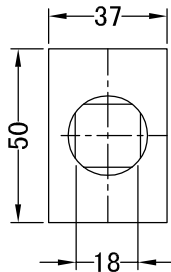
EDM. SERVICE BOX SMALL

SLOT
6mmX9mmX
10mm DEEP

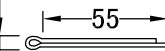


IRON CAP

DETAIL "A"

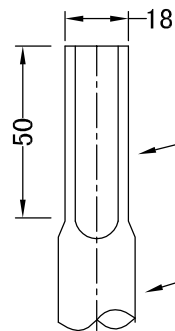


12.7



STAINLESS STEEL COTTER PIN

1525mmx22mm MILD
STEEL OPERATING ROD FASTENED
WITH STAINLESS STEEL COTTER
PIN TO CURB STOP

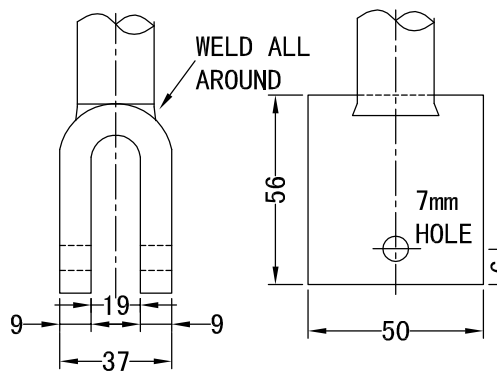


DETAIL "A"

18X18X50 SQUARED END
FORMED ON 22 DIA ROD

22 DIA MILD STEEL
ROD (7/8")

1525mm ROD LENGTH



WELD ALL
AROUND

7mm
HOLE

TROJAN CCSB2 OR SIMILAR
C. C. BASE CASTING
EPOXY COATED

CC CHAIR TO SUIT CURB
COCK & SERVICE BOX BOOT

FASTEN WITH
2-10mmX50mm
LONG LAG BOLTS

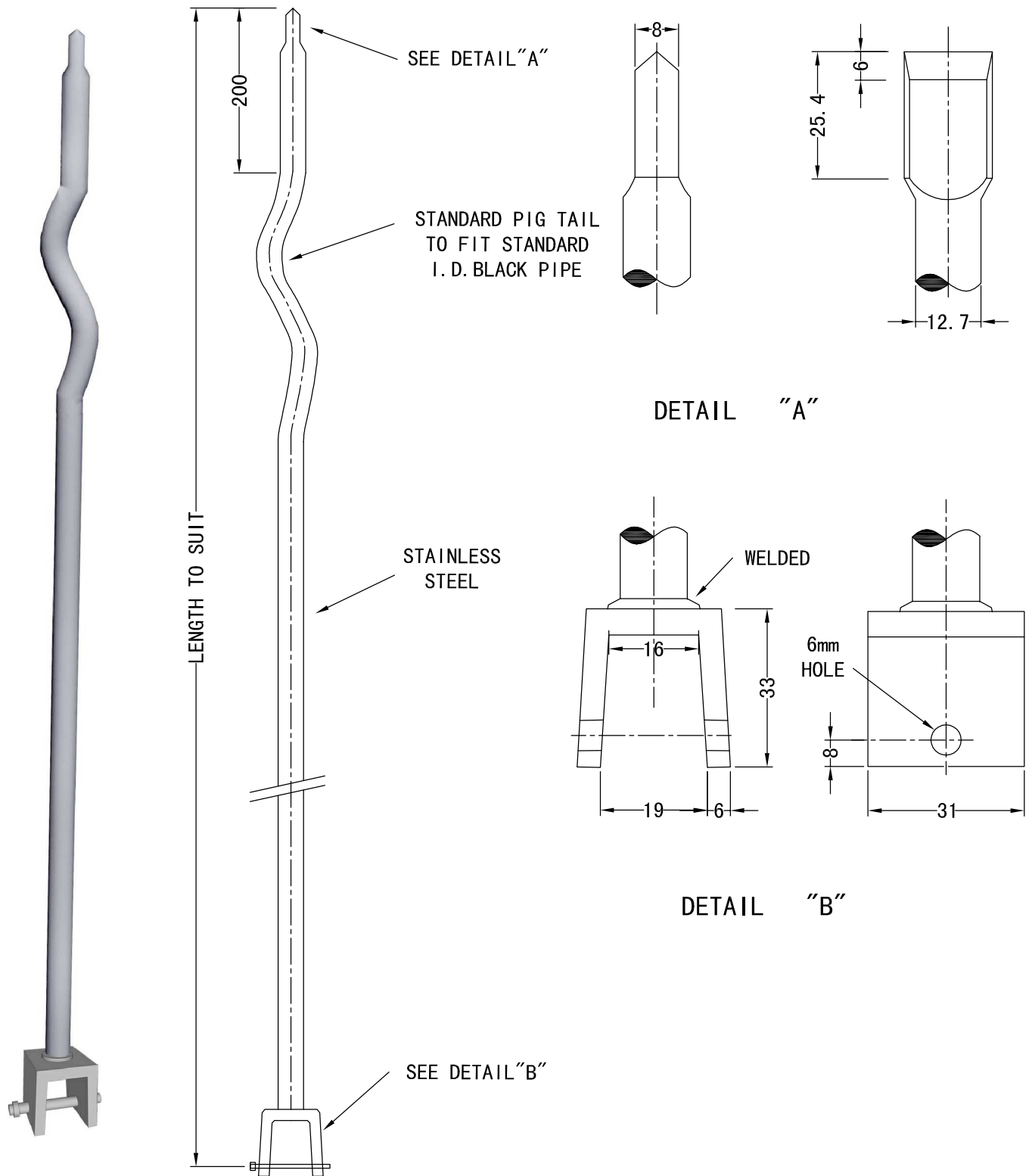
50mmX150mmX300mm
TREATED WOOD BLOCK

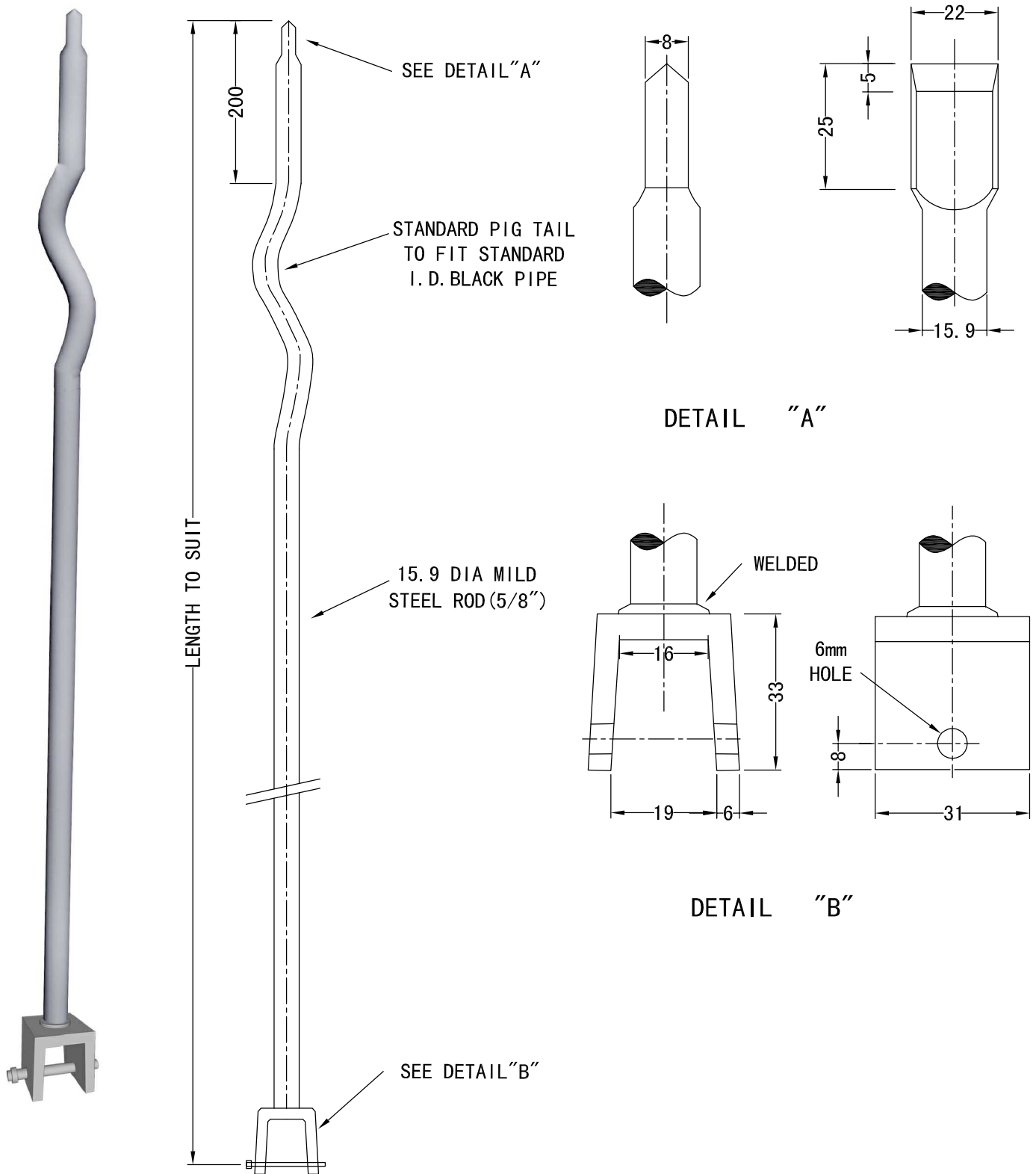
NOTES:

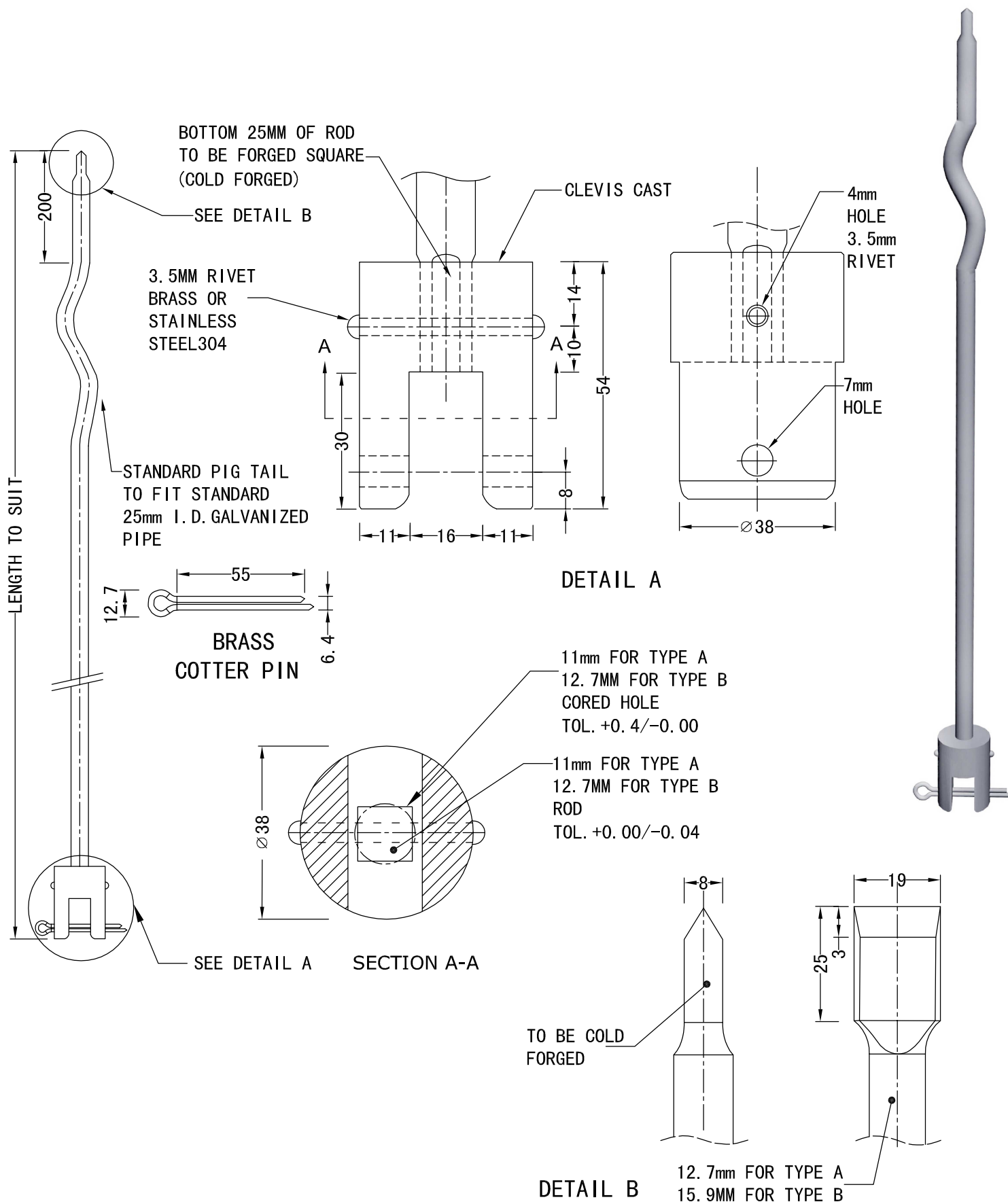
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. OPERATING ROD SHALL BE SUPPLIED AS A SINGLE UNIT COMPRISED OF A SOLID MILD STEEL ROD WITH A MILD STEEL CLEVIS WELDED TO IT.

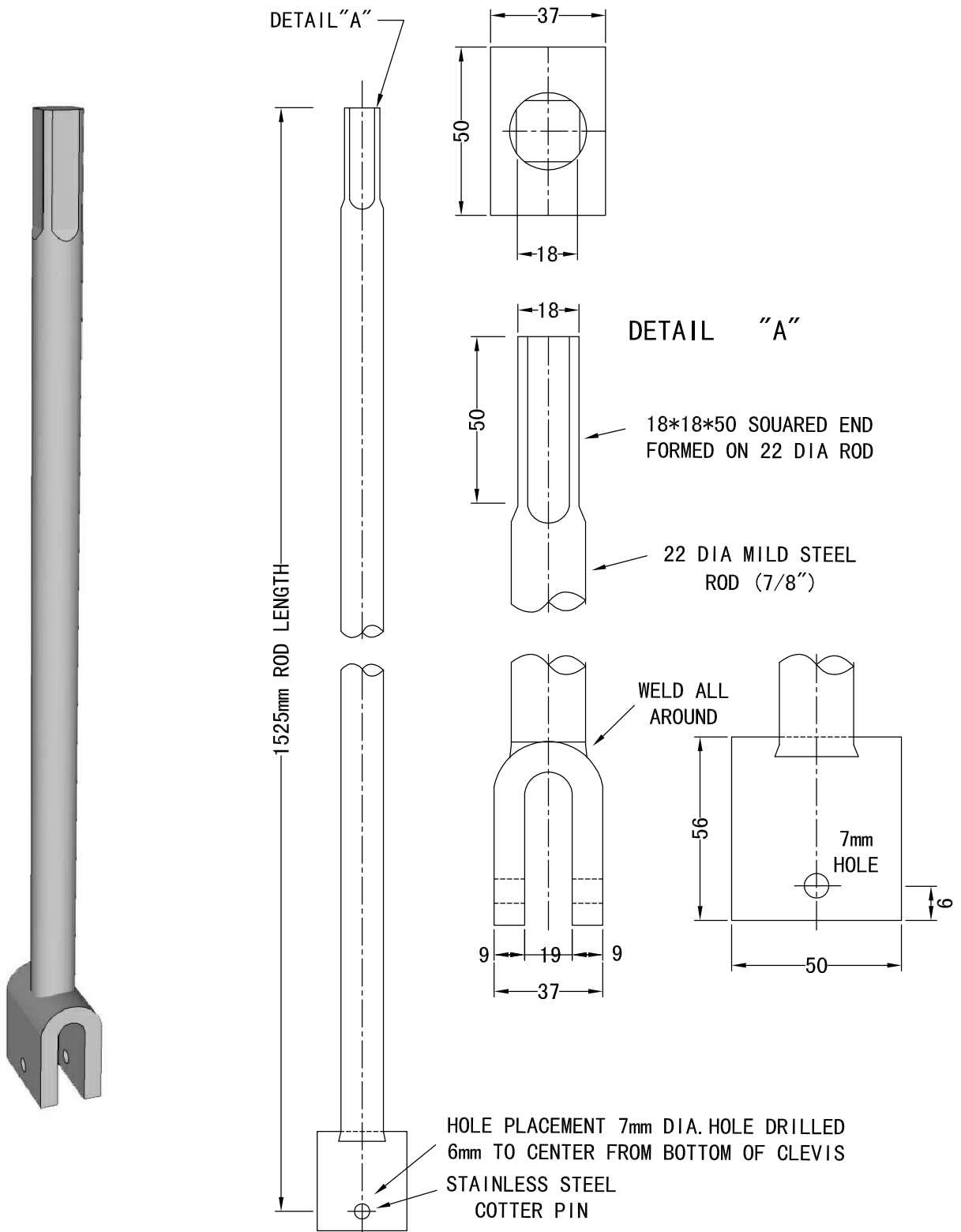
WESTVIEW SALES LTD.

EDM. LARGE SERVICE BOX









NOTES:

1. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. OPERATING ROD SHALL BE SUPPLIED AS A SINGLE UNIT COMPRISED OF A SOLID, MILD STEEL ROD WITH A MILD STEEL CLEVIS WELDED TO IT.

WESTVIEW SALES LTD.

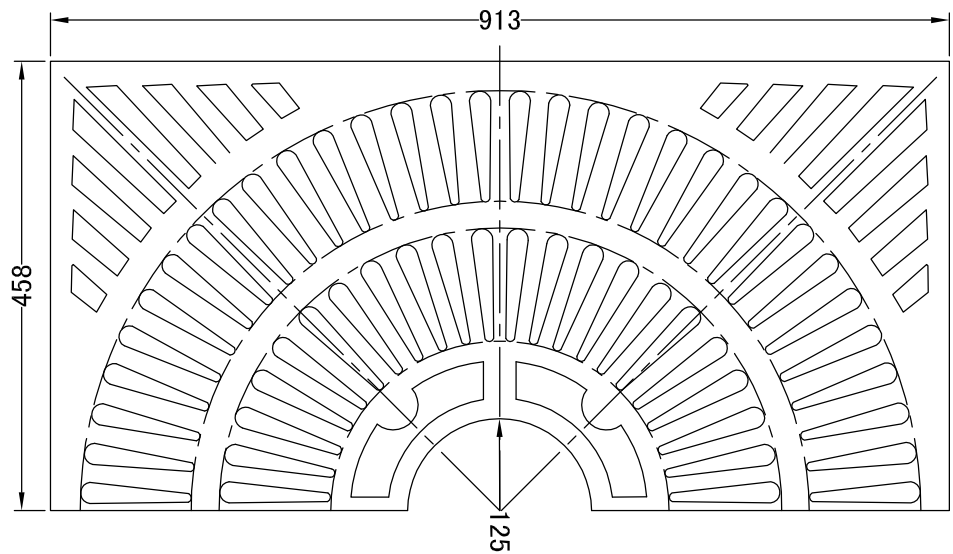
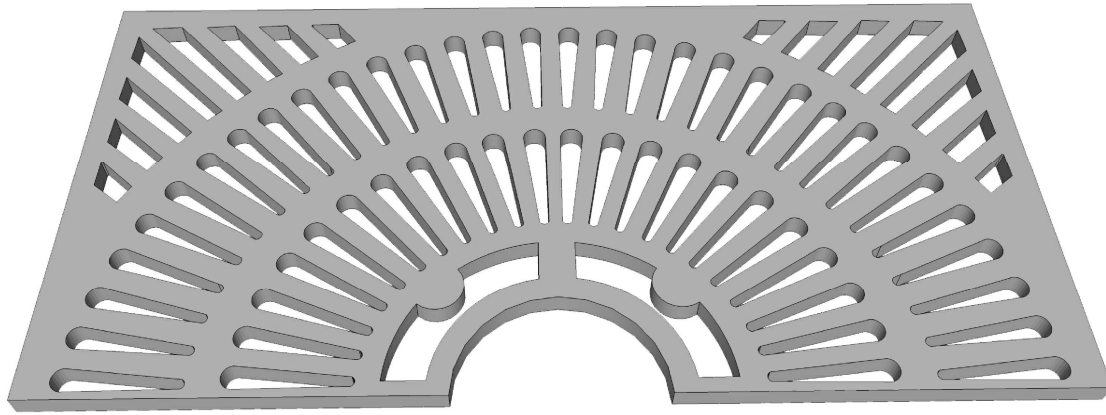
EDM.LARGE MILD STEEL
SERVICE BOX ROD



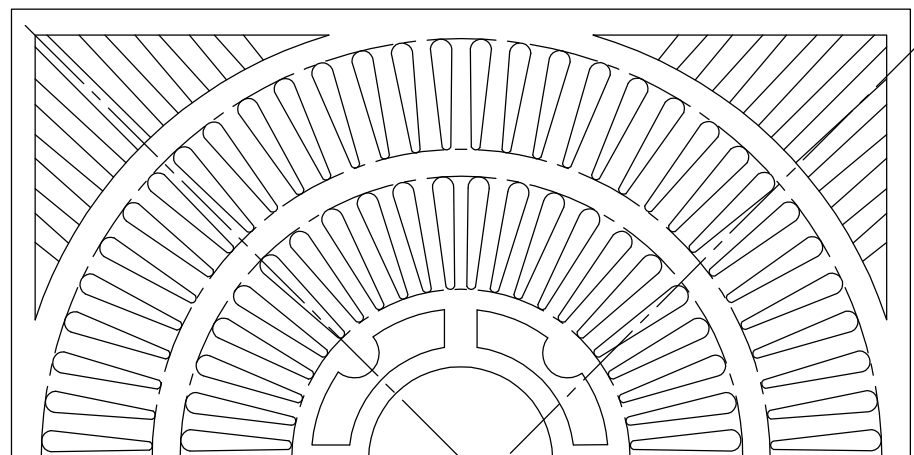
SECTION 5:

TREE GATES & MISC.





TOP VIEW

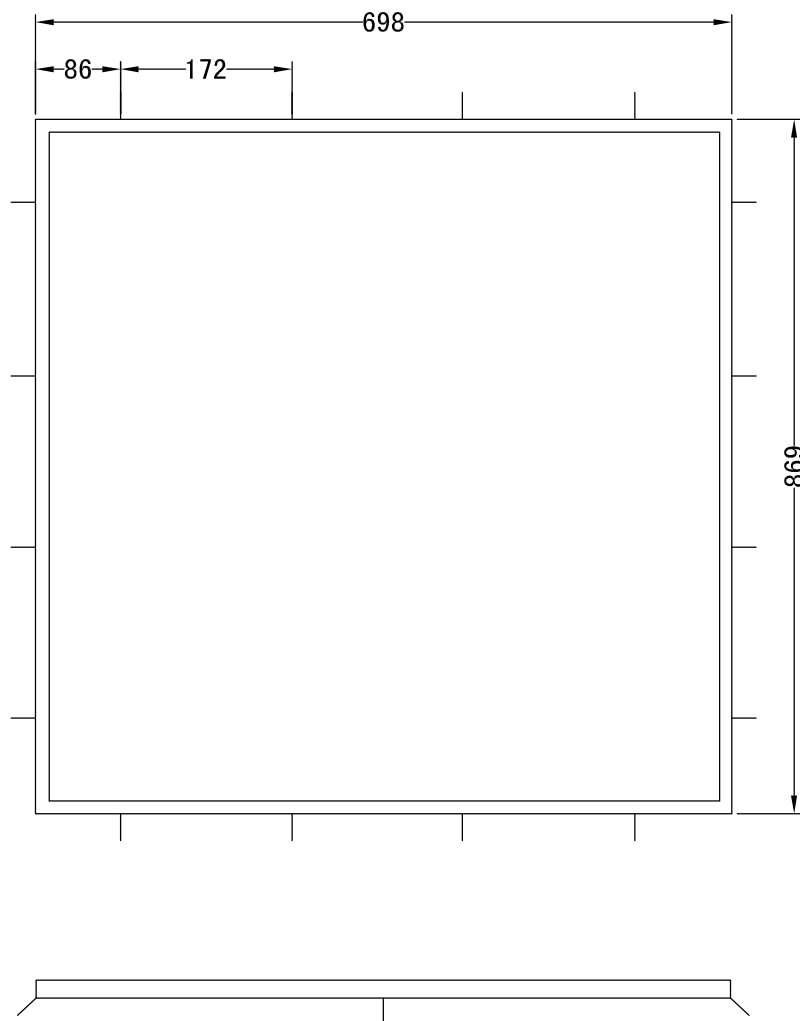
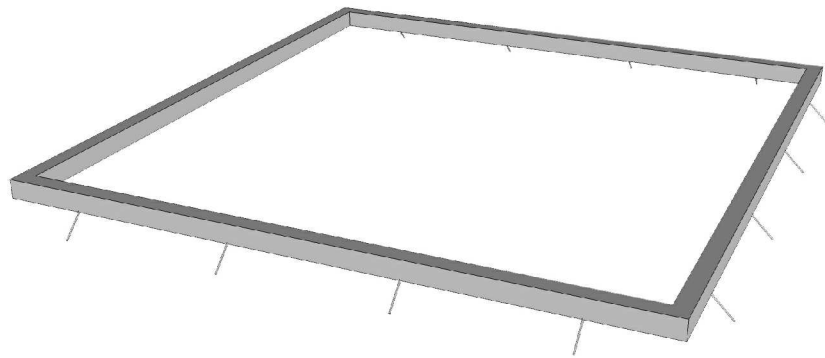


BOTTOM VIEW

NOTES:
 MAT'L:ASTM A536 DUCTILE IRON 80-55-06
 FINISH:BITUMINOUS DIP
 LOADING:H20

WESTVIEW SALES LTD.

WS 48 TREE GRATE



TREE GUARD

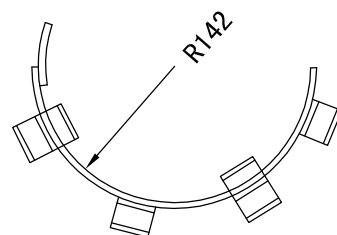
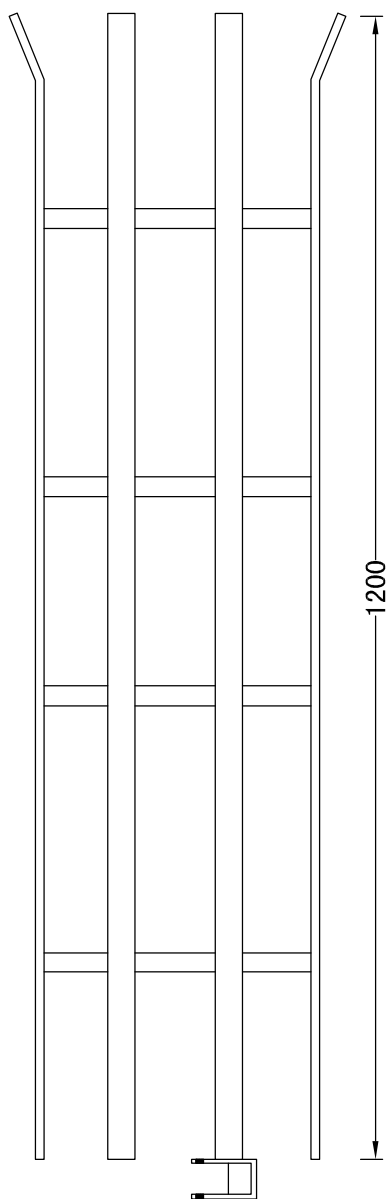
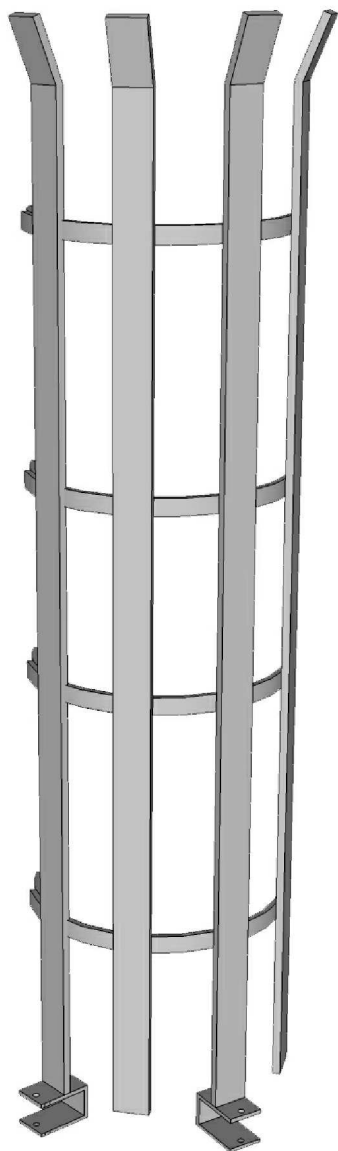
FINISH OPTIONS:

- HOT-DIPPED GALVENIZED
- EXOPY COATED
- MARINE ENAMEL

NOTES:
BLACK STEEL

WESTVIEW SALES LTD.

WS 48" TREE GRATE



NOTES:
MILD STEEL

WESTVIEW SALES LTD.

TYPE "C" TREE GUARD



SECTION 6:

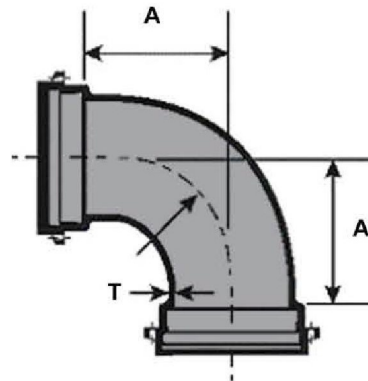
C153 DI PUSH ON FITTINGS



PUSH-ON COMPACT DUCTILE IRON FITTINGS

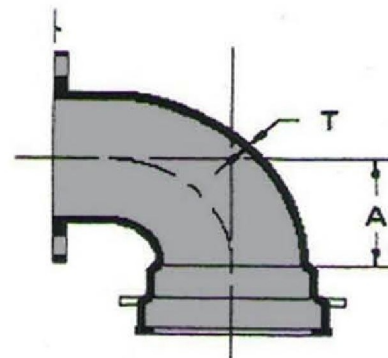
BENDS - 90 DEGREES PO X PO

Size	Item No.	A	T	Wt.
4	POB490	4.00	0.34	32
6	POB690	5.00	0.36	50
8	POB890	6.50	0.38	79
10	POB1090	7.50	0.40	115
12	POB1290	9.00	0.42	140
16	POB1690	12.50	0.50	285



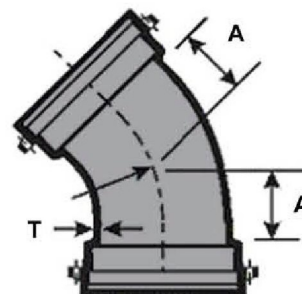
BENDS - 90 DEGREES PO X FLG

Size	Item No.	A	T	Wt.
4	POFB490	4.00	0.34	32
6	POFB690	5.00	0.36	50
8	POFB890	6.50	0.38	79
10	POFB1090	7.50	0.40	115
12	POFB1290	9.00	0.42	140
16	POFB1690	12.50	0.50	287



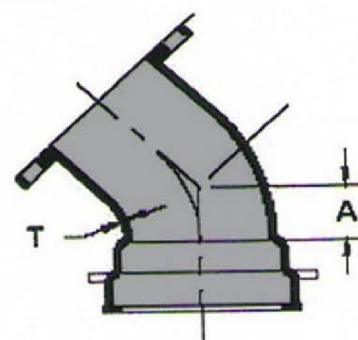
BENDS - 45 DEGREES PO X PO

Size	Item No.	A	T	Wt.
4	POB445	2.00	0.34	28
6	POB645	3.00	0.36	42
8	POB845	3.50	0.38	65
10	POB1045	4.50	0.40	95
12	POB1245	5.50	0.42	139
16	POB1645	5.50	0.50	253



BENDS - 45 DEGREES PO X FLG

Size	Item No.	A	T	Wt.
4	POFB445	2.00	0.34	28
6	POFB645	3.00	0.36	42
8	POFB845	3.50	0.38	65
10	POFB1045	4.50	0.40	95
12	POFB1245	5.50	0.42	139
16	POFB1645	5.50	0.50	253



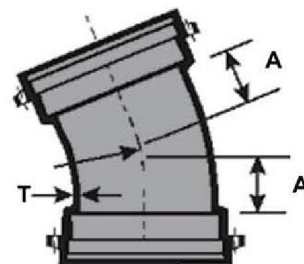
Dimensions in Inches

Weights in Pounds



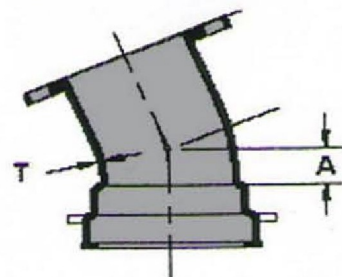
BENDS - 22.5 DEGREES PO X PO

Size	Item No.	A	T	Wt.
4	POB422	1.50	0.34	18
6	POB622	2.00	0.36	41
8	POB822	2.50	0.38	55
10	POB1022	3.00	0.40	80
12	POB1222	3.50	0.42	125
16	POB1622	3.75	0.50	245



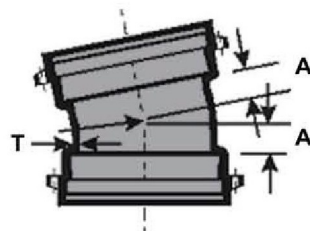
BENDS - 22.5 DEGREES PO X FLG

Size	Item No.	A	T	Wt.
4	POFB422	1.50	0.34	19
6	POFB622	2.00	0.36	41
8	POFB822	2.50	0.38	55
10	POFB1022	3.00	0.40	80
12	POFB1222	3.50	0.42	125
16	POFB1622	3.75	0.50	245



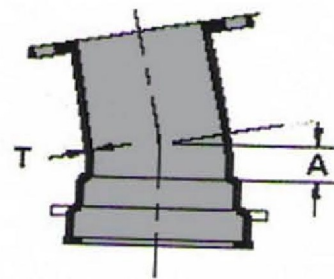
BENDS - 11.25 DEGREES PO X PO

Size	Item No.	A	T	Wt.
4	POB411	1.50	0.34	19
6	POB611	1.50	0.36	33
8	POB811	1.75	0.38	52
10	POB1011	2.00	0.40	77
12	POB1211	2.25	0.42	105
16	POB1611	2.50	0.50	230



BENDS - 11.25 DEGREES PO X FLG

Size	Item No.	A	T	Wt.
4	POFB411	1.50	0.34	19
6	POFB611	1.50	0.36	33
8	POFB811	1.75	0.38	52
10	POFB1011	2.00	0.40	77
12	POFB1211	2.25	0.42	105
16	POFB1611	2.50	0.50	230

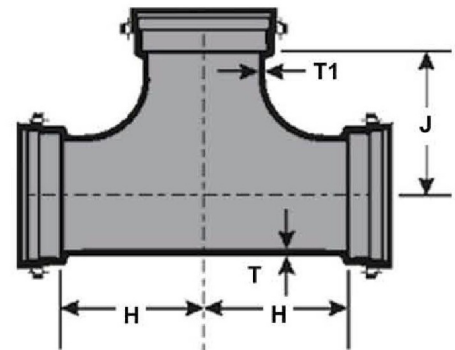


Dimensions in Inches

Weights in Pounds

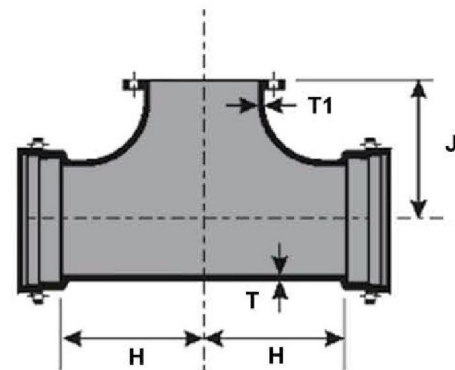
TEES PUSH-ON

Size	Item No.	H	J	T	T1	Wt.
Run Branch						
4 4	POT0404	4.00	4.00	0.34	0.34	46
6 6	POT0606	5.00	5.00	0.36	0.36	68
8 6	POT0806	5.00	6.50	0.38	0.36	90
8 8	POT0808	6.50	6.50	0.38	0.38	110
10 6	POT1006	5.00	7.50	0.40	0.36	115
10 8	POT1008	6.50	7.50	0.40	0.38	138
10 10	POT1010	7.50	7.50	0.40	0.40	138
12 6	POT1206	5.00	8.75	0.42	0.36	140
12 8	POT1208	6.50	8.75	0.42	0.38	175
12 10	POT1210	7.50	8.75	0.42	0.40	162
12 12	POT1212	8.75	8.75	0.42	0.42	198
16 6	POT1606	6.50	11.50	0.50	0.36	265
16 8	POT1608	7.50	11.50	0.50	0.38	295
16 12	POT1612	9.50	11.50	0.50	0.42	390
16 16	POT1616	11.50	11.50	0.50	0.50	485



TEES PO X FLG

Size	Item No.	H	J	T	T1	Wt.
Run Branch						
4 4	POFT0404	4.00	6.50	0.34	0.34	42
6 6	POFT0606	5.00	8.00	0.36	0.36	66
8 6	POFT0806	5.00	9.00	0.38	0.36	98
8 8	POFT0808	6.50	9.00	0.38	0.38	110
10 6	POFT1006	5.00	11.00	0.40	0.36	119
10 8	POFT1008	6.50	11.00	0.40	0.38	130
10 10	POFT1010	7.50	11.00	0.40	0.40	149
12 6	POFT1206	5.00	12.00	0.42	0.36	139
12 8	POFT1208	6.50	12.00	0.42	0.38	160
12 10	POFT1210	7.50	12.00	0.42	0.40	170
12 12	POFT1212	8.75	12.00	0.42	0.42	205
16 6	POFT1606	6.50	15.00	0.50	0.36	265
16 8	POFT1608	7.50	15.00	0.50	0.38	295
16 12	POFT1612	9.50	15.00	0.50	0.42	360
16 16	POFT1616	11.50	15.00	0.50	0.50	395



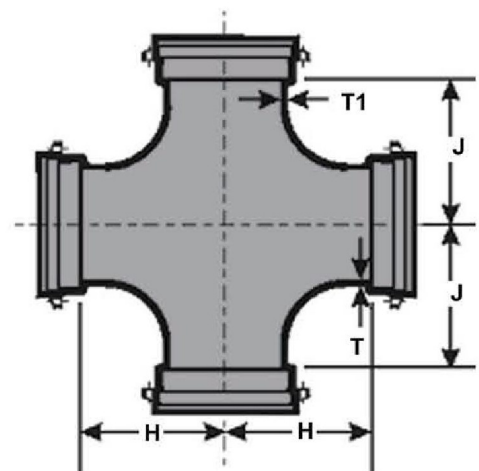
Dimensions in Inches

Weights in Pounds



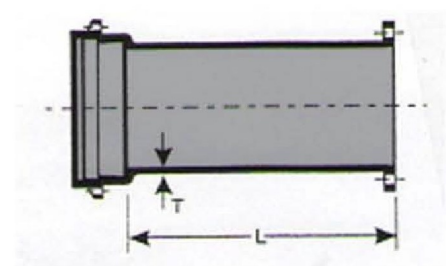
CROSSES PUSH-ON

Size		Item No.	H	J	T	T1	Wt.
Run	Branch						
6	6	POX0606	5.00	5.00	0.36	0.36	82
8	6	POX0806	6.00	6.00	0.38	0.36	114
8	8	POX0808	6.00	6.00	0.38	0.38	122
10	6	POX1006	7.00	7.00	0.40	0.36	145
10	8	POX1008	7.00	7.00	0.40	0.38	152
10	10	POX1010	7.00	7.00	0.40	0.40	171
12	6	POX1206	8.50	8.50	0.42	0.36	165
12	8	POX1208	8.50	8.50	0.42	0.38	185
12	10	POX1210	8.50	8.50	0.42	0.40	193
12	12	POX1212	8.50	8.50	0.42	0.42	257
16	6	POX1606	11.5	11.5	0.50	0.36	250
16	8	POX1608	11.5	11.5	0.50	0.38	262
16	10	POX1610	11.5	11.5	0.50	0.4	282
16	12	POX1612	11.5	11.5	0.50	0.4	315
16	16	POX1616	11.5	11.5	0.50	0.5	350



ADAPTERS PO X FLG

Size	Item No.	L	T	Wt.
4	POFA04	5.00	0.35	28
6	POFA06	5.00	0.37	39
8	POFA08	5.00	0.39	52
10	POFA10	5.00	0.41	78
12	POFA12	5.00	0.43	105
16	POFA16	5.00	0.48	175



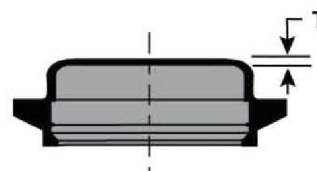
Dimensions in Inches

Weights in Pounds



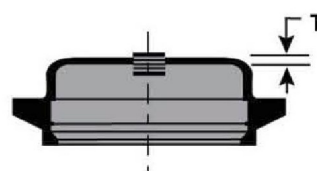
SOLID CAPS

Size	Item No.	T	Wt.
4	POC04	0.36	17
6	POC06	0.36	21
8	POC08	0.38	30
10	POC10	0.40	40
12	POC12	0.42	56
16	POC16	0.50	103



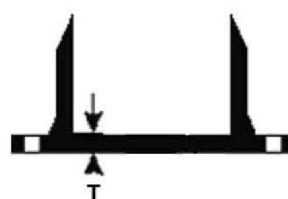
TAPPED CAPS WITH 2" FIPT

Size	Item No.	T	Wt.
4	POCT04	0.36	17
6	POCT06	0.36	21
8	POCT08	0.38	30
10	POCT10	0.40	40
12	POCT12	0.42	56
16	POCT16	0.50	103



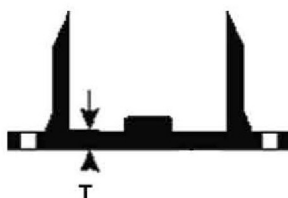
SOLID PLUGS

Size	Item No.	T	Wt.
4	POP04	0.35	11
6	POP06	0.37	17
8	POP08	0.39	27
10	POP10	0.42	36
12	POP12	0.43	47
16	POP16	0.55	65



TAPPED PLUGS WITH 2" FIPT

Size	Item No.	T	Wt.
4	POPT04	0.35	11
6	POPT06	0.37	17
8	POPT08	0.39	27
10	POPT10	0.42	36
12	POPT12	0.43	47
16	POPT16	0.55	65



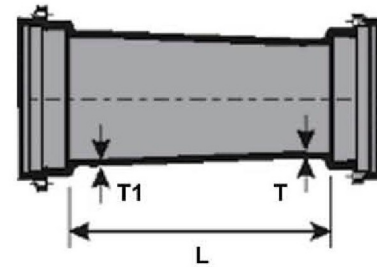
Dimensions in Inches

Weights in Pounds



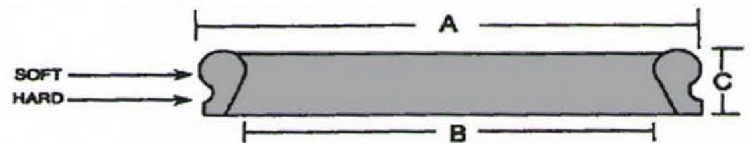
REDUCERS PUSH-ON

Size	Item No.	L	T	T1	Wt.
6 x 4	POR0604	4.00	0.36	0.33	32
8 X 4	POR0804	5.00	0.38	0.34	43
8 X 6	POR0806	4.00	0.38	0.36	47
10 x 6	POR1006	5.00	0.40	0.36	68
10 x 8	POR1008	4.00	0.40	0.38	75
12 x 6	POR1206	7.00	0.42	0.36	81
12 x 8	POR1208	5.00	0.42	0.38	92
12 x 10	POR1210	4.00	0.42	0.40	106
16 x 6	POR1606	11.00	0.50	0.36	138
16 x 8	POR1608	9.00	0.50	0.38	144
16 x 10	POR1610	7.00	0.50	0.40	158
16 x 12	POR1612	5.00	0.50	0.42	172



PUSH ON "SBR" GASKETS

Size	Item No.	A	B	C
4	POGS04	5.74	4.54	1.00
6	POGS06	7.86	6.60	1.00
8	POGS08	10.15	8.73	1.21
10	POGS10	12.25	10.83	1.30
12	POGS12	14.34	12.92	1.30
16	POGS16			



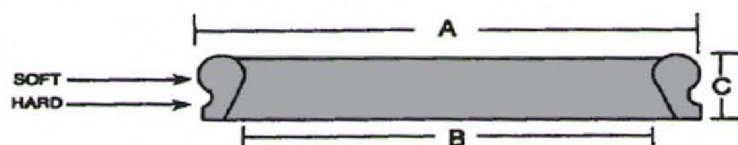
Dimensions in Inches

Weights in Pounds



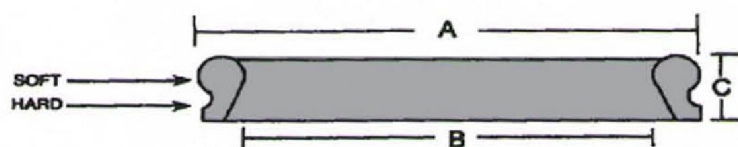
PUSH ON "BUNA - N" GASKETS

Size	Item No.	A	B	C
4	POGB04	5.74	4.54	1.00
6	POGB06	7.86	6.60	1.00
8	POGB08	10.15	8.73	1.21
10	POGB10	12.25	10.83	1.30
12	POGB12	14.34	12.92	1.30
16	POGB16			



TRANSITION GASKETS "SBR" IPSXCIOD

Size	Item No.	A	B	C
4	POGT04	5.74	4.18	1.00
6	POGT06	7.86	6.31	1.00
8	POGT08	10.15	8.32	1.29
10	POGT10	12.10	10.30	1.36
12	POGT12	14.31	12.70	1.45



Dimensions in Inches

Weights in Pounds

