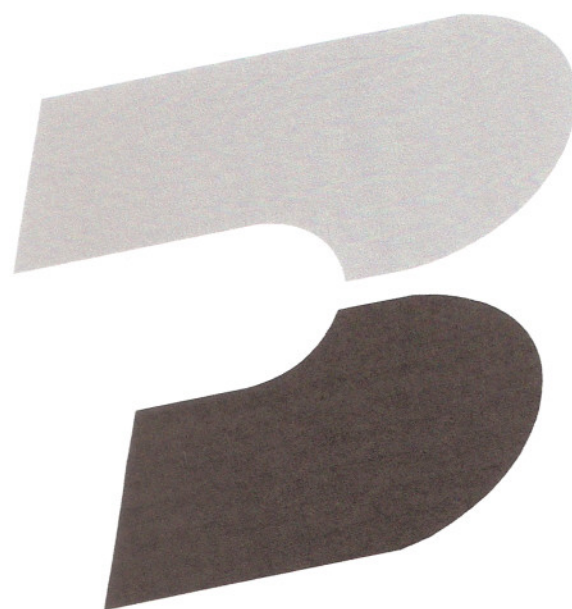


PRODUCT CATALOG

DECEMBER
2000

BROOKS
PRODUCTS





**MANUFACTURERS OF PRECAST CONCRETE
SINCE 1910**

THE BROOKS STORY

Experience Second to None

Our company was founded in 1910 as Art Concrete Works in Pasadena, California, where we designed and produced our first precast concrete box to house water meters in the City of Pasadena.

From 1910 to the 1940's, we pioneered the use of the precast concrete enclosures for water and gas utilities. In the 1950's we expanded to include the electrical and telephone marked.

In 1953, we changed our name to the one you know and trust today, Brooks Products.

As the needs for precast enclosures grew, Brooks continued to lead the way with new sizes, configurations, and applications. This allowed us to supply precast products to an ever widening customer base, including government agencies, municipalities, and private contractors.

Brooks has enjoyed a long history of steady growth, competent management, and dedicated, talented employees. This has resulted in low turnover and a depth of skill and experience at every position.

It is no wonder that today, that Brooks Products is the most recognized and respected name in our industry.

Leadership in Development, Technology and Quality

Brooks led in the development of precast concrete utility enclosures. A strong tradition of initiative design, development and production methods evolved from that pioneering step. Today, Brooks' development and engineering capability is highly respected by the most demanding customers. By working closely with our customers, Brooks has developed and manufactured hundreds of innovations in size and configuration of precast concrete enclosures.

Customers can enjoy unprecedented peace of mind when working with Brooks. Our experience and technical expertise assure compliance with codes, precise adherence of specifications, and rigid manufacturing guidelines. Our company-wide quality assurance program and rigorous production standards are unprecedented. The result is quality and consistency always meeting and often exceeding our customer requirements.

Extensive Capacity, Product Line and Geographic Coverage

Today, Brooks offers our customers enormous capability and resources. Our goal is to make a quality product, quickly, accurately and delivered on time.

We service customers of every kind, from small local contractors to large construction and engineering firms. We also service statewide municipalities, government agencies and most industry segments, such as water, sewer, irrigation, telephone, gas & electric utilities as well as Cable TV.

Value-Added, Customer Service Driven

Brooks has always been recognized for having the most knowledgeable, competent and service oriented sales professionals. Since 1910, we have been committed to superior customer service. The management organization has been strengthened and additions have been made in customer service, outside sales representation and technical engineering staff.

No one understands better than we do at Brooks, that whether our "customer" is an end user, a distributor, or a contractor, long term success depends on lasting relationships and repeat business. We have never been in a better position, than we are today, to provide the service that our customers deserve! Brooks Products will continue to do whatever it takes to be the easiest company in our industry to do business with.

WE ARE BROOKS PRODUCTS

The First and Most Experienced

The Leaders in Development, Technology and Quality

The Most Extensive Capacity, Product Line, and Geographical Covers

The Value-Added, Customer Service Driven

TERMS & CONDITIONS

PRICES

All prices are F.O.B. Brooks Products, Portland, Oregon, unless otherwise quoted and may be subject to change without notice.

CREDIT TERMS

The full amount of each invoice will be due within thirty (30) days of its date of shipment, after which a late charge 1 1/2% of the overdue amount will be paid by the Purchaser for each month or part thereof until the invoice is paid. The Purchaser will pay attorney's fees and other costs incurred by Brooks in connection with any action taken or proceedings commenced to collect any amount due to Brooks.

QUOTATIONS

Quotations are firm for a period of 30 days unless otherwise specifically stated in writing.

ORDERS

All orders, contracts, or agreements are subject to strikes, accidents, or other causes beyond our control.

WILL CALL/ C.O.D. ORDERS

All "Will Call" and unpaid C. O. D. orders will be held for 30 days from date requested and then returned to stock and the order automatically canceled.

RETURNED GOODS

Permission to return material for credit must be obtained from Brooks Products. Credit will be allowed on standard stock items only, providing material has not been damaged. Restocking charge is 15% plus any transportation charges incurred. Returned goods must be returned within 90 days of original shipment.

FREIGHT CLAIMS

All claims for breakage, loss or damage should be made to the freight carrier. All possible assistance in securing satisfactory adjustments of such claims will be gladly rendered.

GUARANTEES

All products of Brooks Products are guaranteed to the extent that we will replace those having manufacturing defects when used in the service for which we recommend. All claims for replacement of such defective product must be filed within 60 days of original shipment. All claims for shortages must be reported within 30 days of original shipment to be valid.

SPECIFICATIONS FOR PRECAST CONCRETE METER, PULL, VALVE, DRAINAGE BOXES AND COVERS

GENERAL

All precast concrete meter, pull, valve and drainage sections are manufactured in accordance with the applicable design criteria and the Quality Assurance program established by Brooks Products, Inc.

FIELD PREPARATION

The contractor shall prepare and be responsible for an excavation in accordance with those dimensions shown on Brooks Products, Inc. catalog drawings. Prior to placing the precast enclosure into the excavation, the contractor shall provide two (2) inches of base material at the bottom of the excavation. The base material shall be level and compacted to the proper elevation.

DESIGN LOADS

The design loads for precast concrete utility enclosures shall be in accordance with AASHTO and ASTM C-857 where applicable. It is recommended that these enclosures be placed in areas that are not subjected to vehicular loading criteria with full impact requirements. However, these enclosures may be installed in drainways and parking lots.

FORMS

All forms are constructed of smooth, nonporous materials with sufficient accuracy and strength to maintain dimensional tolerances within the range specified by ASTM C-858. All forms are free of paint or other protective coatings which might cling to the surface of the concrete. All releasing agents used shall be non-injurious to the concrete.

REINFORCING STEEL

All reinforcement conforms to ASTM A-82.

CONCRETE

Aggregates used in the concrete mix, excluding light-weight aggregates, shall conform to specifications as outlined by ASTM C-33.

All light-weight aggregates, fine or coarse, consisting of washed concrete, sand and pea gravel shall conform to specifications as outlined by ASTM C-330.

Both types of aggregate are sized, properly graded and free of any deleterious substances so as to produce a homogenous concrete mix when blended with cement. Having a 28 day compressive strength of 4500 PSI, or as required.

CEMENT

The cement shall be Portland Cement Type per Brooks Products, Inc. concrete mix design and shall meet ASTM C-150 standards.

COMPRESSIVE STRENGTHS

Sufficient cement content shall be used per batch so as to produce a minimum strength of 4500 PSI at 28 days or other strength by design when required.

BATCHING

A central batching facility shall be used to assure accurate weighing and mixing of materials to obtain a suitable concrete mix.

PLACING

Concrete shall be made by properly proportioned parts of sand, aggregate and cement with sufficient water to produce a concrete mix of uniform quality and slump. Handling from the mixer or the transport vehicle to the forms for deposit will be in a continuous manner, as rapidly as practicable without segregation or loss of ingredients, until the unit or segment pouring is completed. Concrete placed in the forms is compacted by either tamping or vibration to produce a dense, evenly compacted structure. All top surfaces are flat and finished smooth unless otherwise specified. All corners and edges are rounded.

CURING

Concrete while still in the forms shall be steam cured after an initial set has taken place. Steam temperature shall not exceed 160 degrees Fahrenheit, nor raised from normal ambient temperature at a rate exceeding 40 degrees Fahrenheit per hour. Steam curing shall be considered complete after sufficient time has elapsed to produce adequate strength to withstand any structural strain that may be subjected during the form stripping operation.

Additional curing may be applied by means of water spraying or membrane curing compound to reach the ultimate strength requirements.

REINFORCING STEEL

All reinforcing steel, including welded wire mesh, shall be of the size and in the location as shown on the plans. All reinforcing shall be sufficiently secured to withstand any displacement during the pouring operation. All reinforcement conforms to ASTM A-82 as last revised.

UNDERGROUND ENCLOSURE DESIGN CRITERIA

DESIGN CRITERIA	LIVE LOAD	30% IMPACT FACTOR	AASHTO & ASTM C857 FACTORED DESIGN LOAD	LOAD DISTRIBUTION AREA
PEDESTRIAN Areas such as sidewalks, terraces and other areas which do not receive vehicular traffic	350 PSF	N.A.	N.A.	10" X 10"
INCIDENTAL TRAFFIC (AASHTO H-10) wheel load to be used in driveways parking lots, right of ways, and other areas of incidental vehicular traffic	8,000 #	10,400 #	22,568 #	10" X 10"
ROADWAY TRAFFIC (AASHTO H-20 or HS-20) wheel load to be used in traffic way	16,000 #	20,800 #	45,136 #	8" x 20"
AIRPORT Airport Runways and Taxiways	90,000 # OR As Required	117,000 #	N.A.	As Required by Landing Gear

The DESIGN CRITERIA guide was developed to aid in the specification of the proper load for specific applications. The guide covers vertical loading only and is intended to be used as an aid in the selection of design loads. The above loads are not to be misconstrued as test loads for AASHTO H-10 or HS-20 loading.

Notes:

1. AASHTO equivalent ratings are as provided in AASHTO "Standard Specifications for Highway Bridges", 15th Edition paragraphs 3.7.2, 3.7.3, and figures 3.7.6A. Also reference ASTM C857, or Brooks Design Guide No. 2 and No. 3.
2. AASHTO & ASTM C857 Factored Design load are those loads used to compute the ultimate shear and moment in the design of reinforced concrete structures.

20,800 # D.O.T. TEST LOAD FOR INCIDENTAL TRAFFIC-16,000 pound live load plus 30% impact applied through a 10" x 10" (100 square inch) area totaling 20,800 #s. This is in accordance with most D.O.T. (Department of Transportation) specifications for products installed in their right-of-way behind the curb line.

**Design Guide
No. 1**

ORG. DWG. DATE
09-07-95

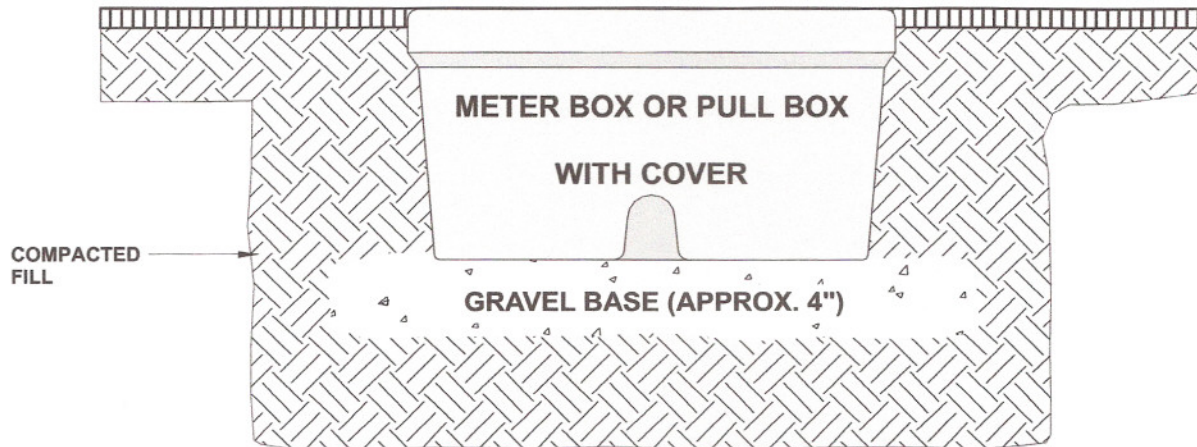
REV. DWG. DATE
XXX



Design Criteria

Installation Procedure - Small Boxes

Installation in Grass, Soil or Gravel
for non-vehicular traffic applications



EXCAVATION

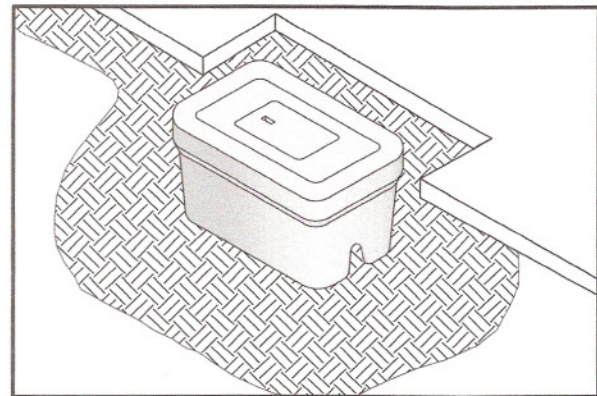
Prepare the excavation approximately 6" deeper than the overall height of the enclosure. The length and width of the excavation should be determined by adding 4" to 6" to the overall length and width of the meter box or pull box.

INSTALLATION RECOMMENDATIONS

Place approximately 3" to 6" of compacted material under the box. Sand or gravel are the recommended material because of its drainage characteristics. The compacted material should be leveled so the top of the meter box, pull box, or superimposed cover is flush to grade.

BACKFILLING

Place selected backfill into the excavation at 12" lift and compact either by mechanical compacting or flooding the excavation to achieve the desired relative compaction. Install with the cover in place.



Field Application
No. 1

ORG. DWG. DATE
09-07-95

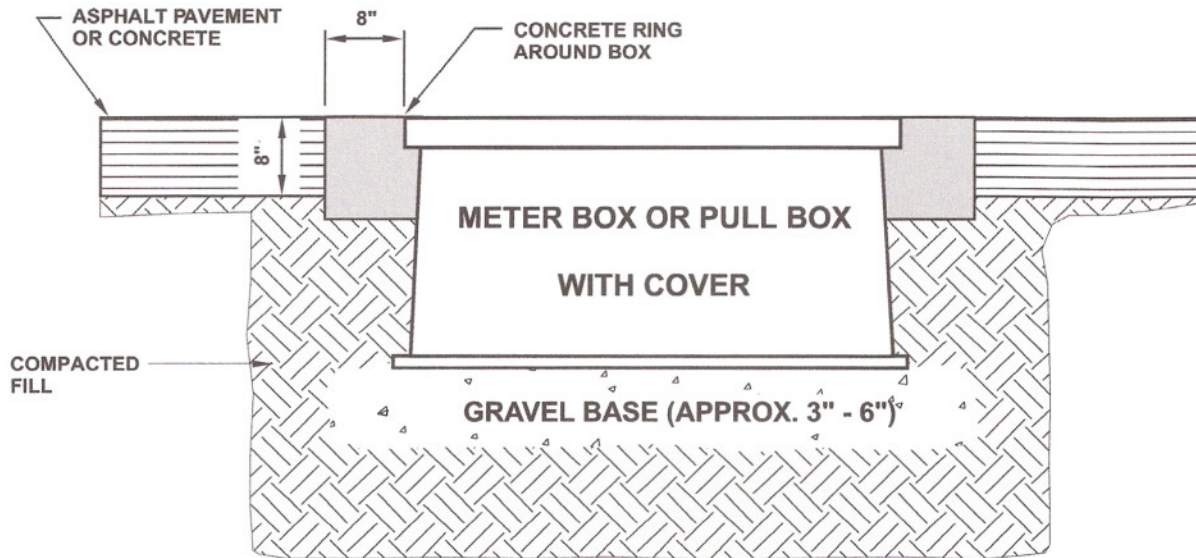
REV. DWG. DATE
01-02-01

BROOKS
PRODUCTS

Field Application

Installation Procedure - Small Boxes

Installation in Concrete or Pavement
for driveways, parking lots and off-roadway applications
where subject to occasional non-deliberate heavy vehicles



EXCAVATION

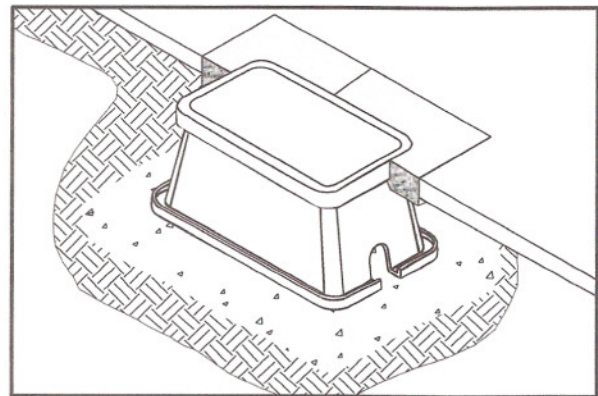
Prepare the excavation approximately 6" deeper than the overall height of the enclosure. The length and width of the excavation should be determined by adding 4" to 6" to the overall length and width of The handhole or pull box.

INSTALLATION RECOMMENDATIONS

Place approximately 3-6" of compacted material. Sand or gravel is the recommended material because of its drainage characteristics. The compacted material should be leveled so the top of the handholes or pull box is flush to grade.

BACKFILLING

Place selected backfill into the excavation at 12" lifts and compact either by mechanical compacting or flooding the excavation. The backfill should be discontinued approximately 8" below the finish grade. The final 8" of the excavation should be finished with concrete. This should be accomplished by providing a form around the enclosure that would produce a 8" wide collar (See attached sketch).



Field Application
No. 2

ORG. DWG. DATE
09-07-95

REV. DWG. DATE
XXX

BROOKS
PRODUCTS

Field Application



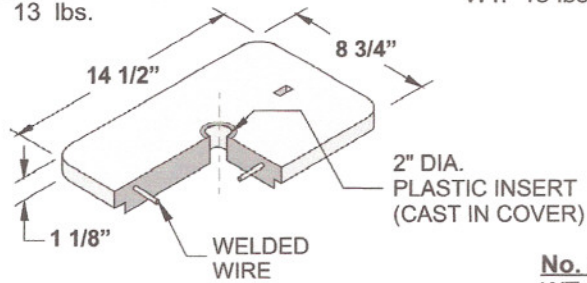
Serving Gas, Electrical and Water Utilities
Since 1910

METER BOXES

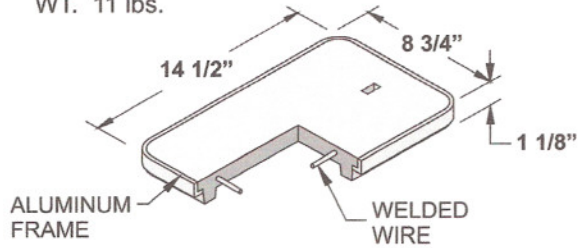
Visit our Website at
www.brooksproductsnw.com
TEL: (503) 254-2910 FAX: (503) 262- 9673

No. 3 - SP COVER

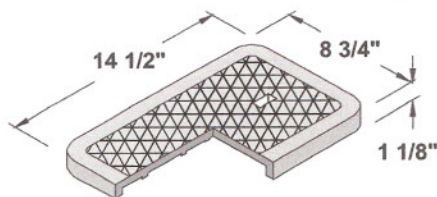
WT. 13 lbs.

**No. 3 - MA COVER**

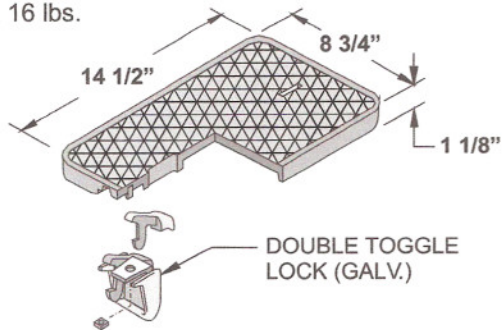
WT. 11 lbs.

**No. 3 - T CAST IRON COVER**

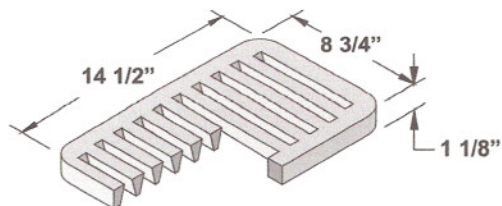
WT. 16 lbs.

**No. 3 - TL CAST IRON LOCKING COVER**

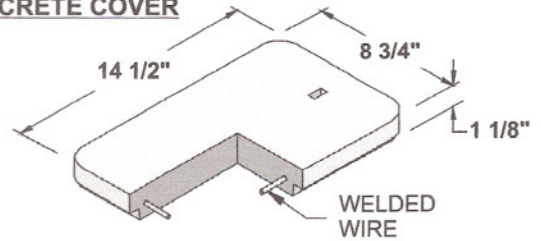
WT. 16 lbs.

**No. 3 - TG CAST IRON GRATE**

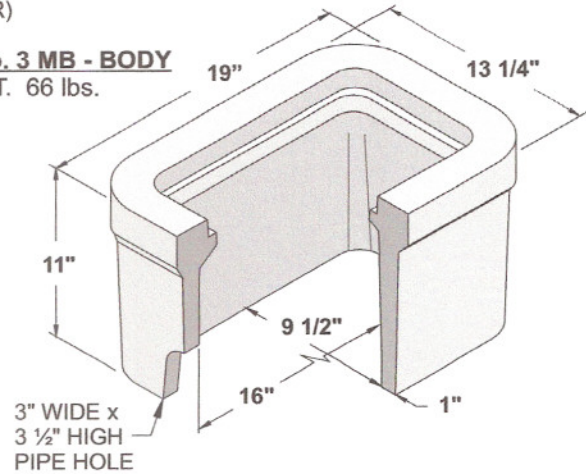
WT. 19 lbs.

**No. 3 MB - CONCRETE COVER**

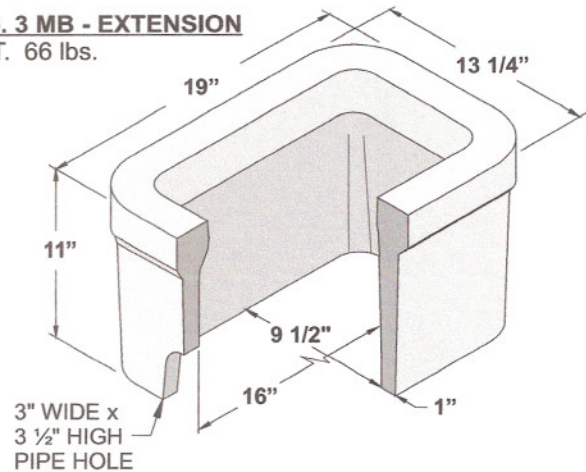
WT. 13 lbs.

**No. 3 MB - BODY**

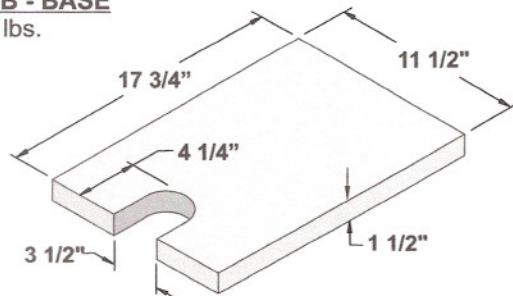
WT. 66 lbs.

**No. 3 MB - EXTENSION**

WT. 66 lbs.

**No. 3 MB - BASE**

WT. 20 lbs.



9 1/2" x 16" METER BOX
(for 3/4" WATER METER)

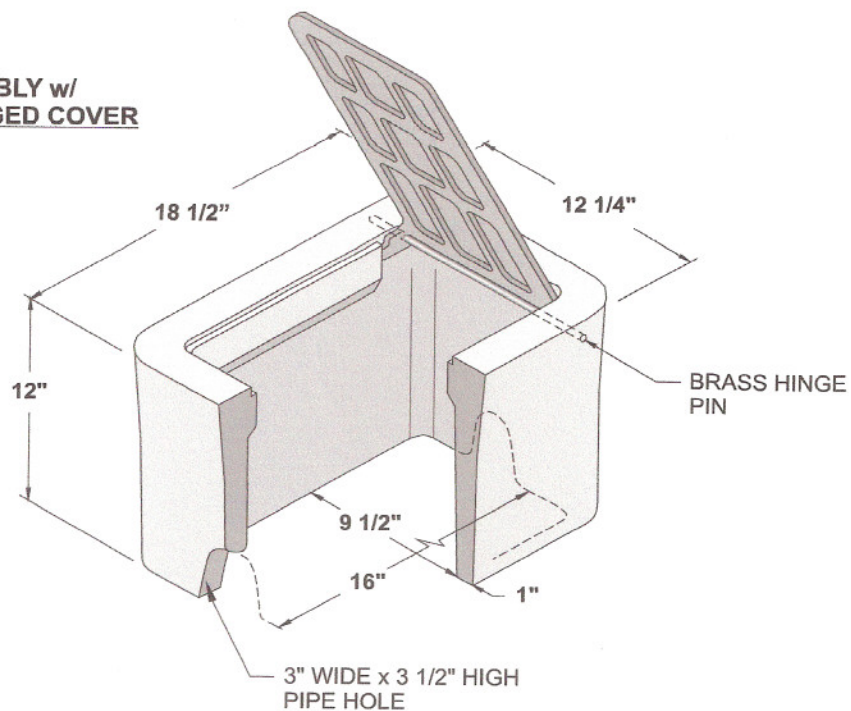
ORG. DWG. DATE
03-03-95

REV. DWG. DATE
12-06-00

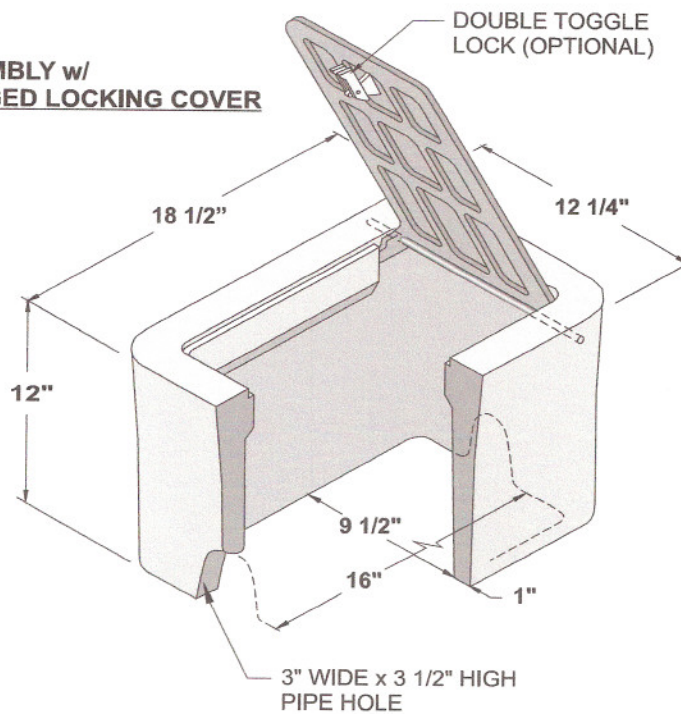
BROOKS
PRODUCTS

3MB

**No. 3 - H ASSEMBLY w/
CAST IRON HINGED COVER**
WT. 68 lbs.



**No. 3 - HL ASSEMBLY w/
CAST IRON HINGED LOCKING COVER**
WT. 68 lbs.



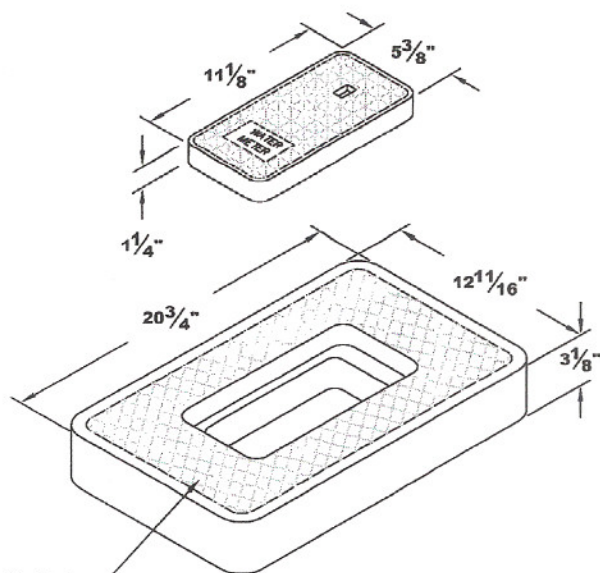
9 1/2" x 16" METER BOX
(for 3/4" WATER METER)

ORG. DWG. DATE
03-03-95

REV. DWG. DATE
12-06-00

BROOKE
PRODUCTS

3-H MB



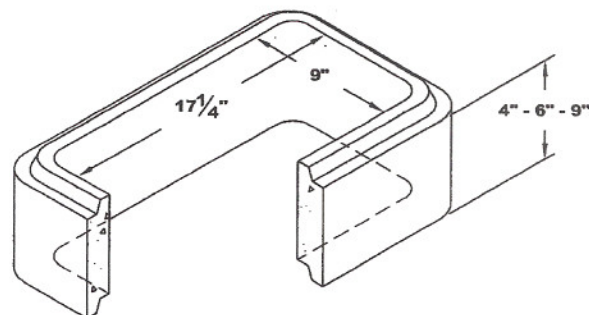
#5 Cast Iron Lid

wt. 5#

Concrete Cover

wt. 46#

#6 Ga. Welded
Wire Frame

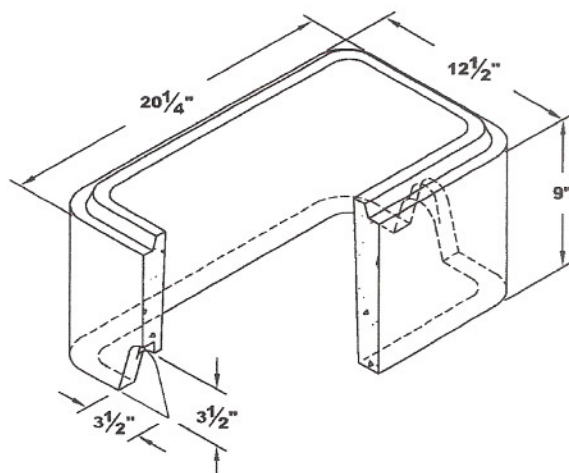


Extensions

4" ext. - wt. 26#

6" ext. - wt. 39#

9" ext. - wt. 58#



Meter Box Body

wt. 54#

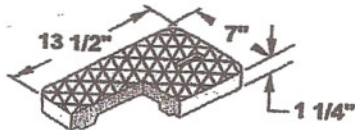
9 1/4" x 17 1/4"
METER BOX

REVISED
10/06/06

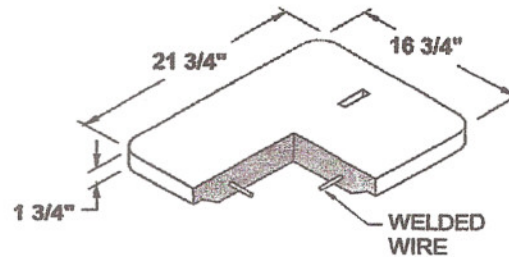
DRAWING NUMBER
#4 SERIES

BROOKS PRODUCTS

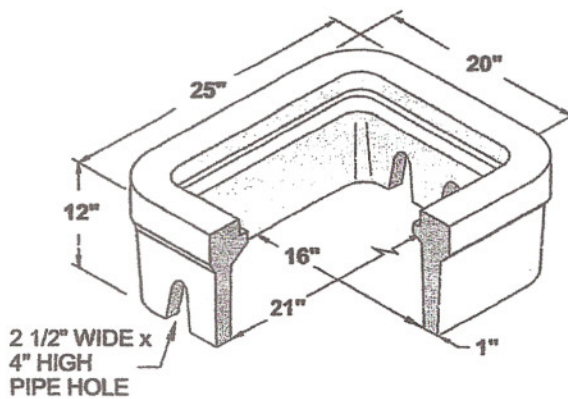
No. 11-2 LID
WT. 5 lbs.



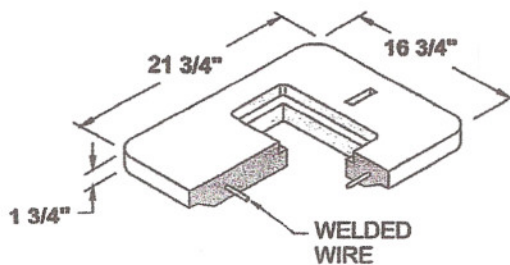
No. 11 MB - CONCRETE COVER
WT. 60 lbs.



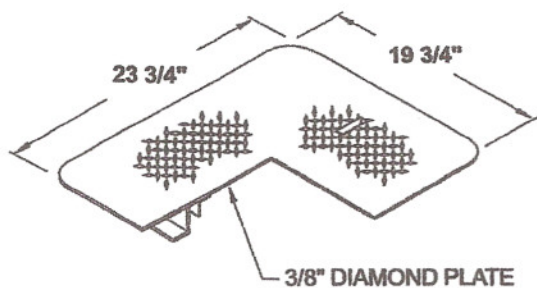
No. 11 MB - BODY
WT. 84 lbs.



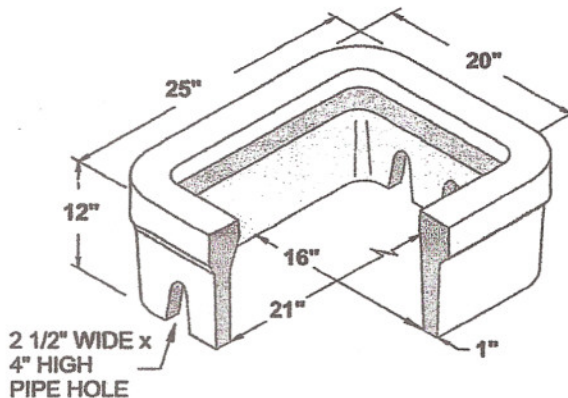
No. 11-2 S COVER
WT. 50 lbs.



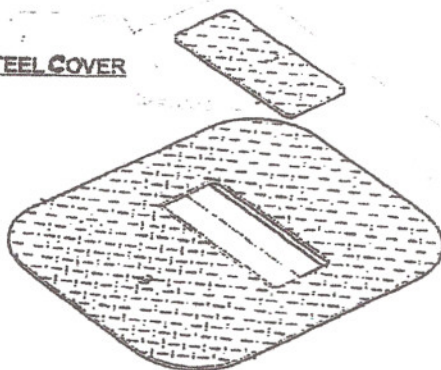
No. 11 - T STEEL COVER
WT. 59 lbs.



No. 11 MB - EXTENSION
WT. 84 lbs.



No. 11 - T&S STEEL COVER
WT. 59 lbs.



16" x 21" METER BOX
(for 3/4" WATER METER)

ORG. DWG. DATE
07-31-00

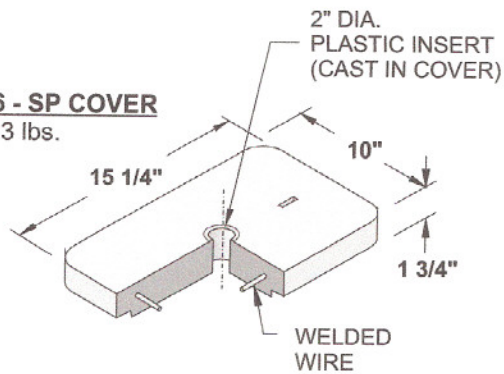
REV. DWG. DATE
12-06-00

BROOKS
PRODUCTS

11MB

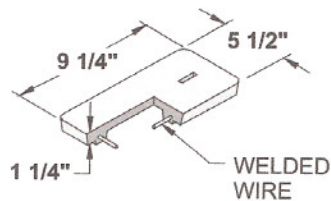
No. 36 - SP COVER

WT. 23 lbs.



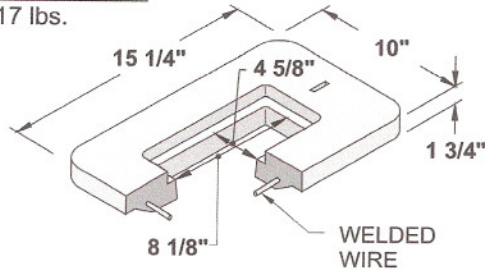
No. 36 - S LID (1-S)

WT. 5 lbs.



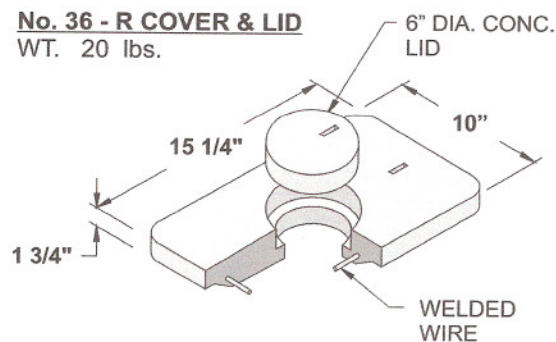
No. 36 - S COVER

WT. 17 lbs.



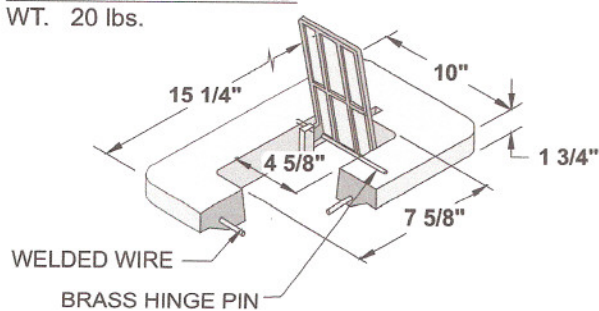
No. 36 - R COVER & LID

WT. 20 lbs.



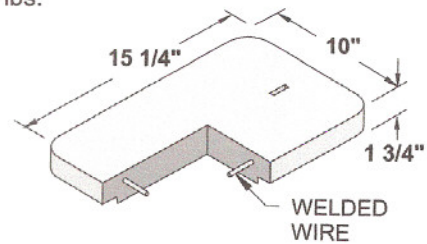
No. 36 - H COVER WITH CAST IRON HINGED LID

WT. 20 lbs.



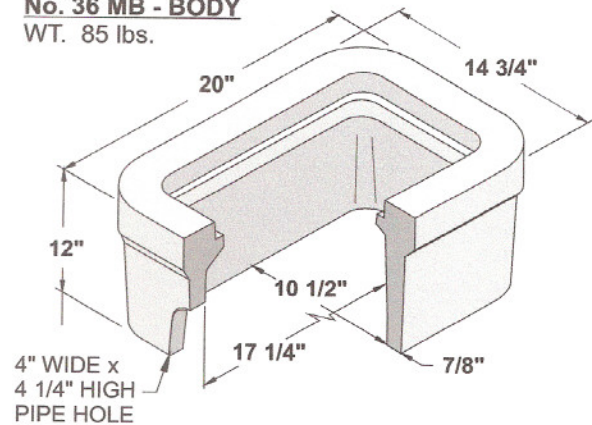
No. 36 MB - CONCRETE COVER

WT. 23 lbs.



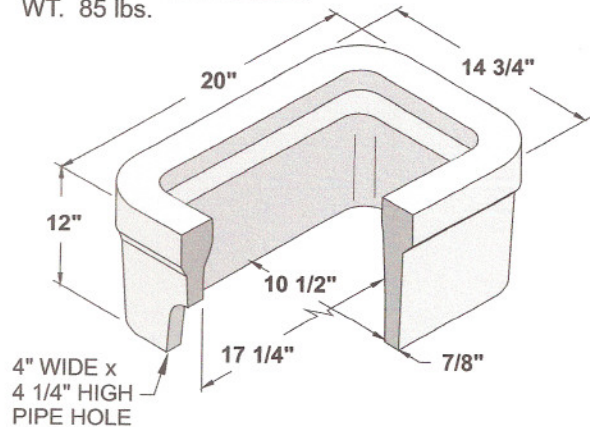
No. 36 MB - BODY

WT. 85 lbs.



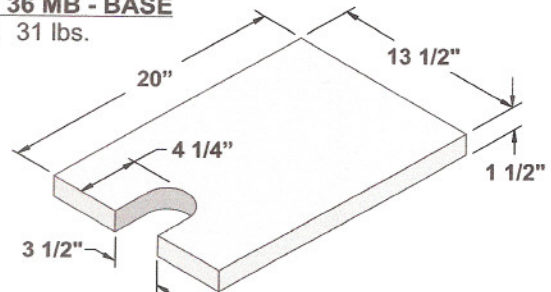
No. 36 MB - EXTENSION

WT. 85 lbs.



No. 36 MB - BASE

WT. 31 lbs.



10 1/2" x 17 1/4" METER BOX
(for 3/4" WATER METER)

ORG. DWG. DATE
03-03-95

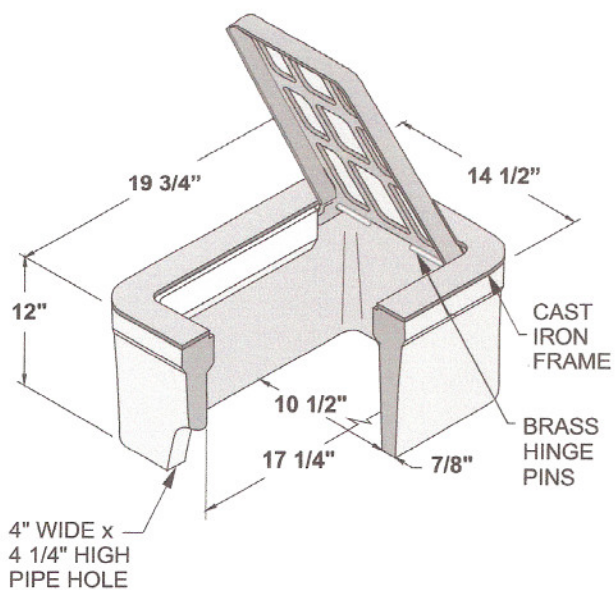
REV. DWG. DATE
12-06-00

BROOKS
PRODUCTS

36MB

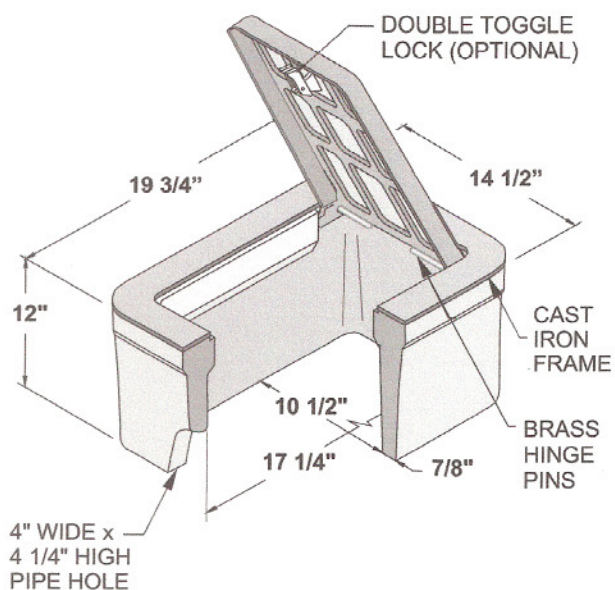
**No. 36 - HF ASSEMBLY WITH
CAST IRON HINGED COVER**

WT. 106 lbs.



**No. 36 - HFL ASSEMBLY WITH
CAST IRON HINGED LOCKING COVER**

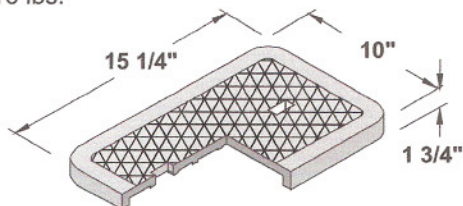
WT. 106 lbs.



CAST IRON & STEEL COVERS

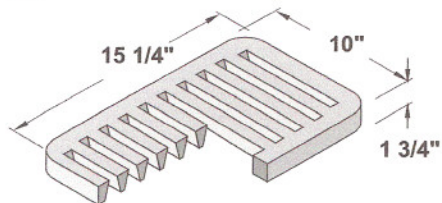
No. 36 - T CAST IRON COVER

WT. 16 lbs.



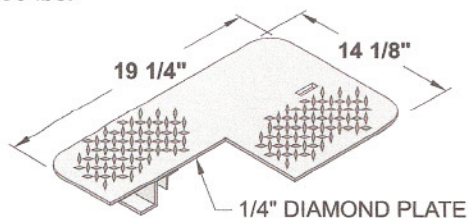
No. 36 - TG CAST IRON GRATE

WT. 13 lbs.



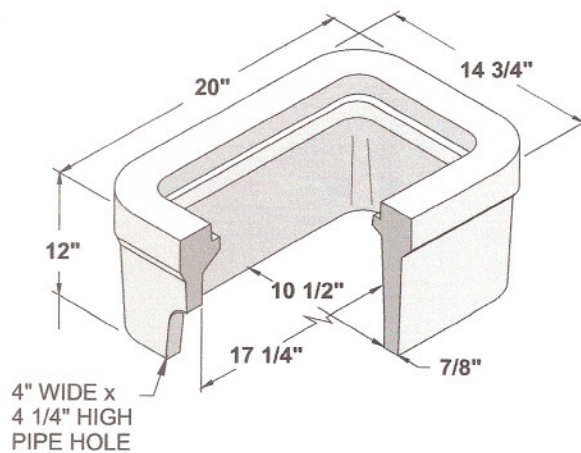
No. 36 - STEEL COVER (SUPERIMPOSED)

WT. 30 lbs.



No. 36 MB - BODY

WT. 85 lbs.



10 1/2" x 17 1/4" METER BOX
(for 3/4" WATER METER)

ORG. DWG. DATE
03-03-95

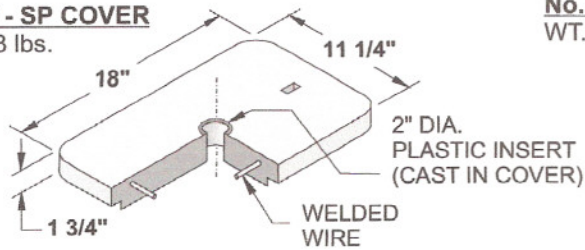
REV. DWG. DATE
12-06-00

BROOKS
PRODUCTS

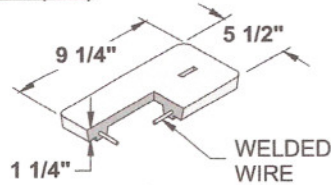
36-H MB

No. 37 - SP COVER

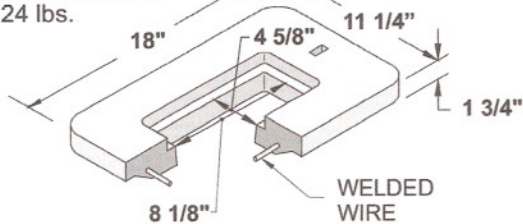
WT. 23 lbs.

**No. 37 - S LID (1-S)**

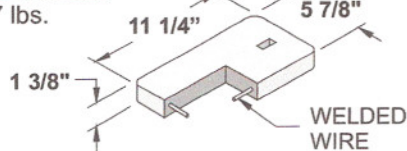
WT. 5 lbs.

**No. 37 - S COVER**

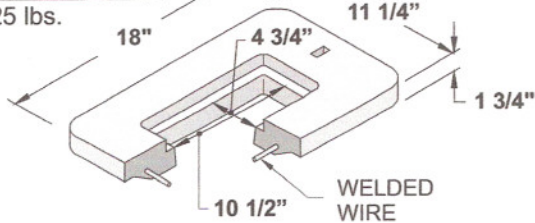
WT. 24 lbs.

**No. 37 - A5 LID**

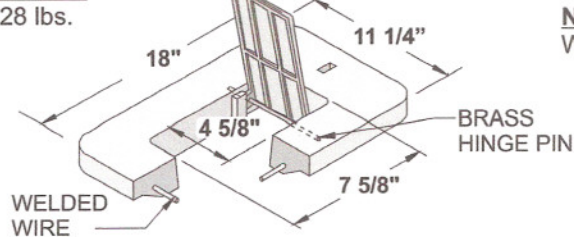
WT. 7 lbs.

**No. 37 - A5 COVER**

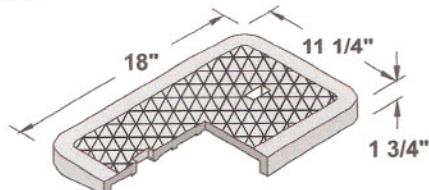
WT. 25 lbs.

**No. 37 - H COVER WITH CAST IRON HINGED LID**

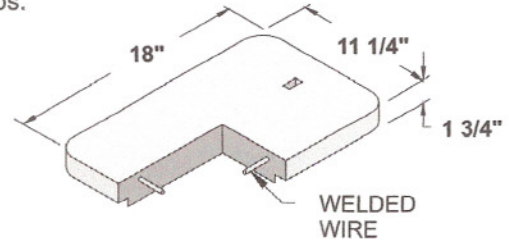
WT. 28 lbs.

**No. 37 - T CAST IRON COVER**

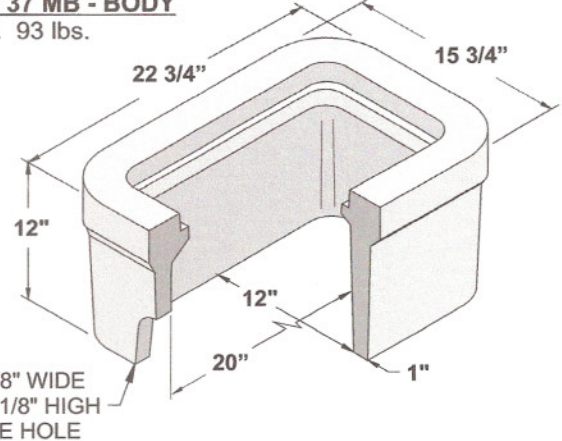
WT. 22 lbs.

**No. 37 MB - CONCRETE COVER**

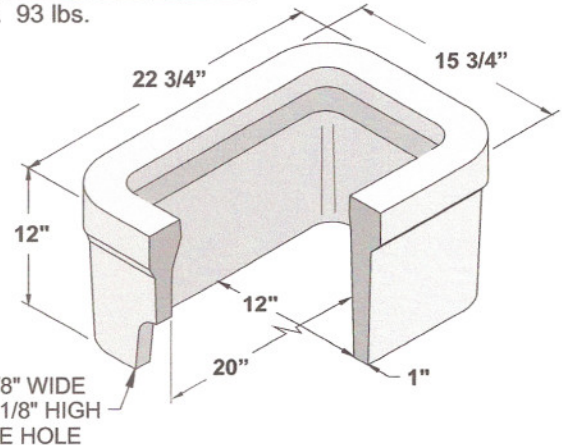
WT. 22 lbs.

**No. 37 MB - BODY**

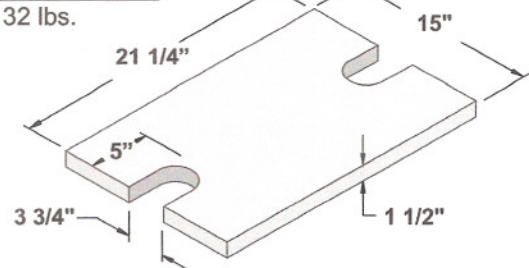
WT. 93 lbs.

**No. 37 MB - EXTENSION**

WT. 93 lbs.

**No. 37 MB - BASE**

WT. 32 lbs.



12" x 20" METER BOX
(for 1" WATER METER)

ORG. DWG. DATE
03-03-95

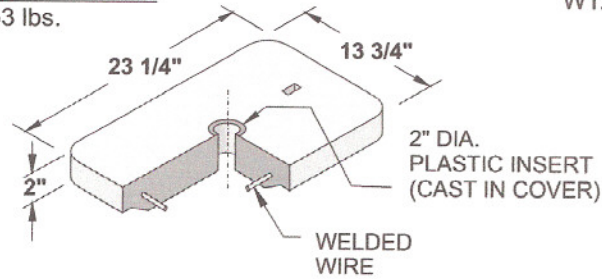
REV. DWG. DATE
12-06-00

BROOKS
PRODUCTS

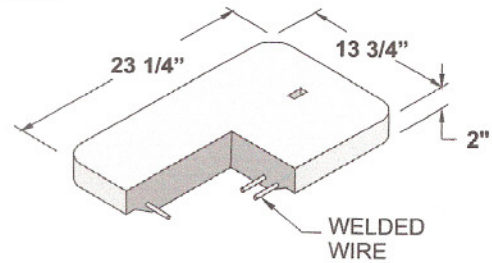
37MB

No. 38 - SP COVER

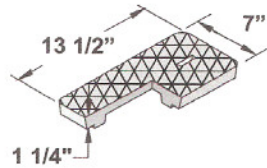
WT. 53 lbs.

**No. 38 MB - CONCRETE COVER**

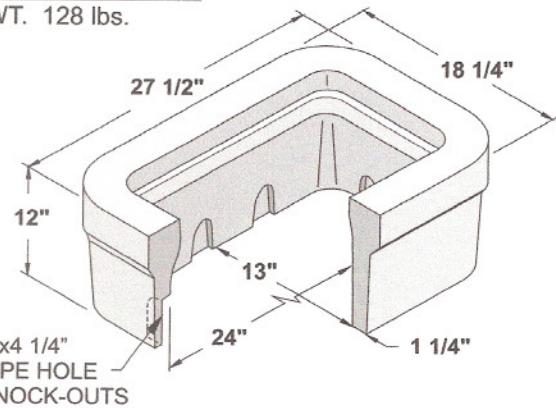
WT. 53 lbs.

**No. 38 - ST LID (2-ST)**

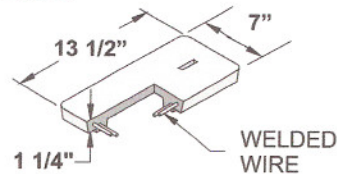
WT. 9 lbs.

**No. 38 MB - BODY**

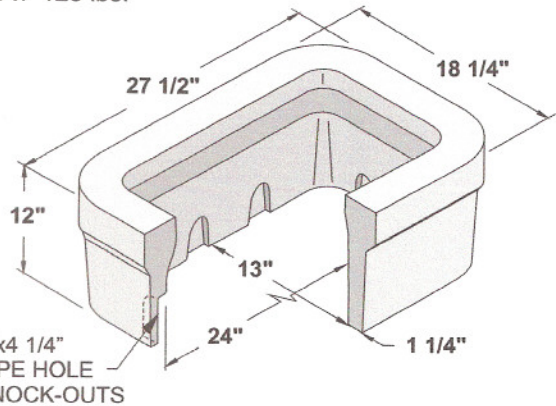
WT. 128 lbs.

**No. 38 - S LID (2-S)**

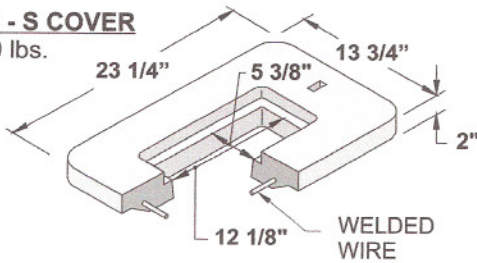
WT. 9 lbs.

**No. 38 MB - EXTENSION**

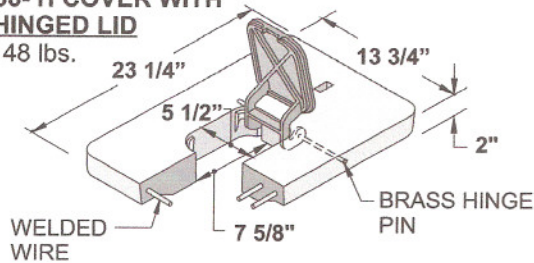
WT. 128 lbs.

**No. 38 - S COVER**

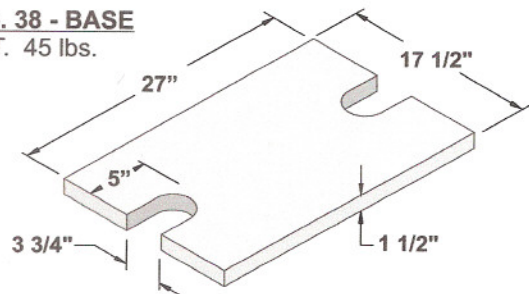
WT. 39 lbs.

**No. 38 - H COVER WITH
C.I. HINGED LID**

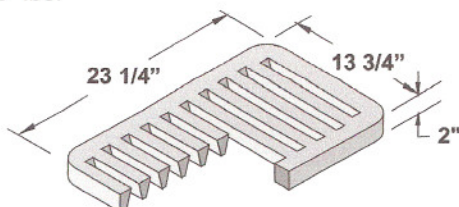
WT. 48 lbs.

**No. 38 - BASE**

WT. 45 lbs.

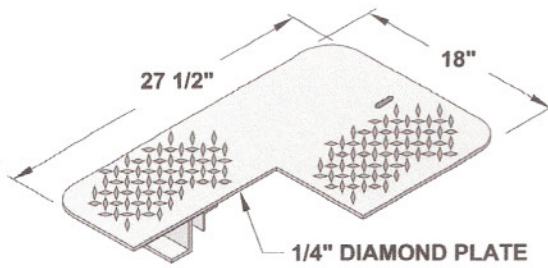
**No. 38 - TG CAST IRON GRATE**

WT. 40 lbs.

13" x 24" METER BOX
(for 1 1/2" WATER METER)ORG. DWG. DATE
03-29-95REV. DWG. DATE
12-06-00**BROOKS**
PRODUCTS**38MB**

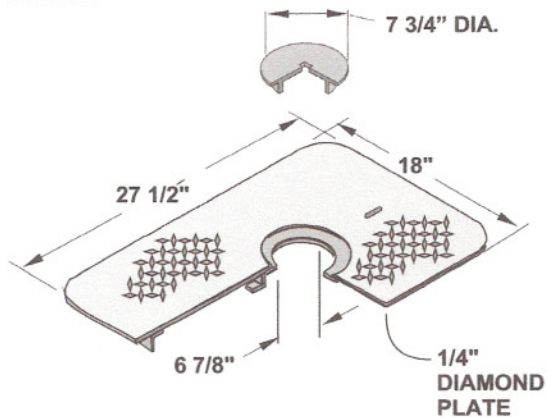
No. 38-T COVER STEEL (SUPERIMPOSED)

WT. 36 lbs.



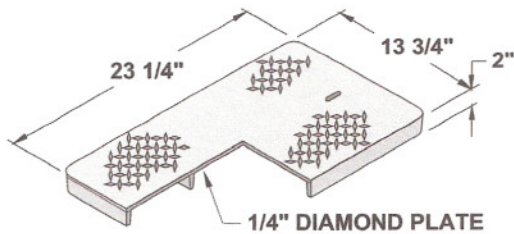
No. 38-TR STEEL COVER (SUPERIMPOSED)

WT. 38 lbs.



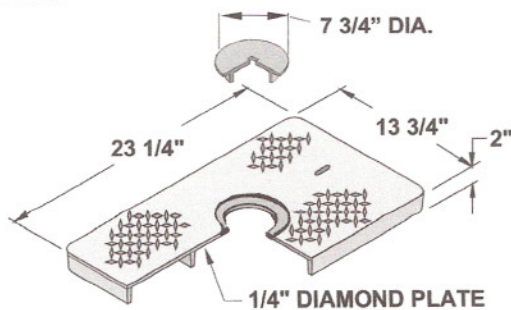
No. 38 - TF STEEL COVER (FLUSH)

WT. 35 lbs.



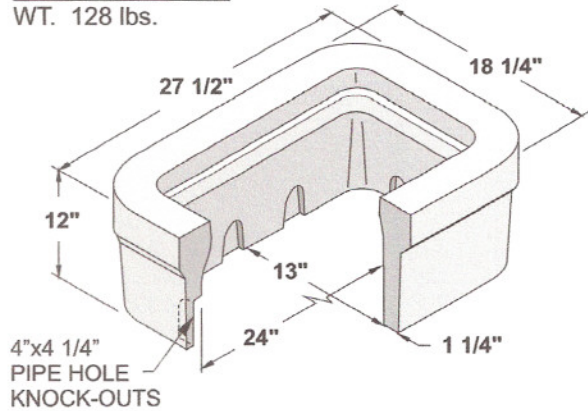
No. 38 - TFR STEEL COVER (FLUSH)

WT. 37 lbs.



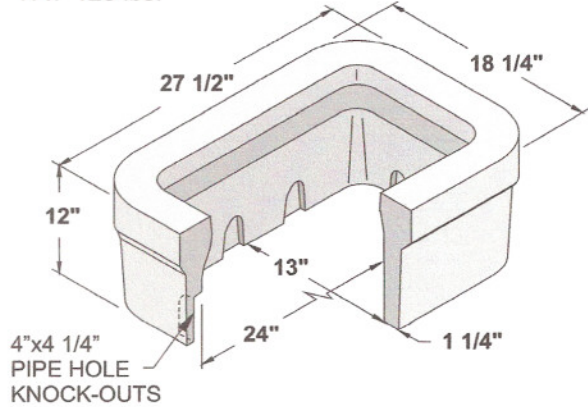
No. 38 MB - BODY

WT. 128 lbs.



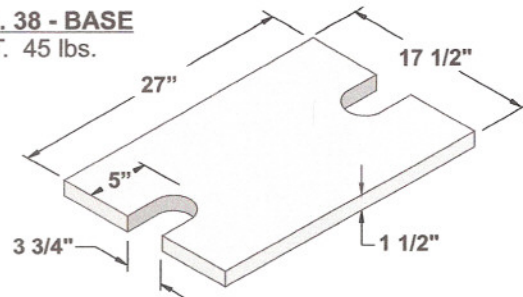
No. 38 MB - EXTENSION

WT. 128 lbs.



No. 38 - BASE

WT. 45 lbs.



13" x 24" METER BOX
(for 1 1/2" WATER METER)

ORG. DWG. DATE
03-29-95

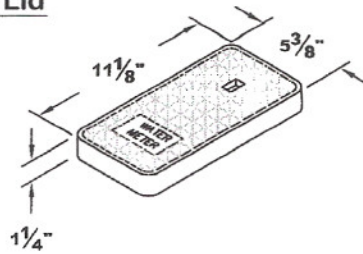
REV. DWG. DATE
12-06-00

BROOKS
PRODUCTS

38MB

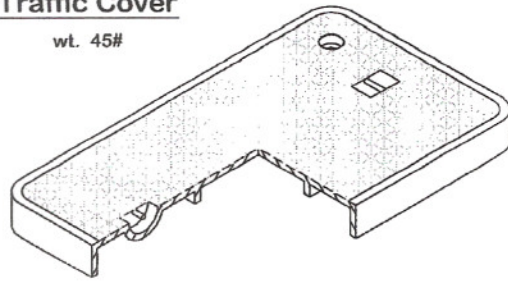
#5 Cast Iron Lid

wt. 5#



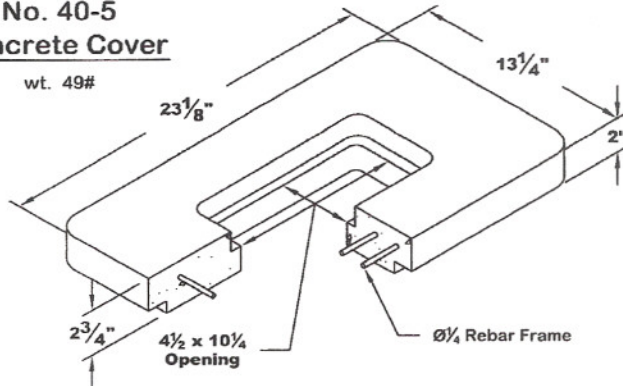
**No. 40-T Cast Iron
Traffic Cover**

wt. 45#



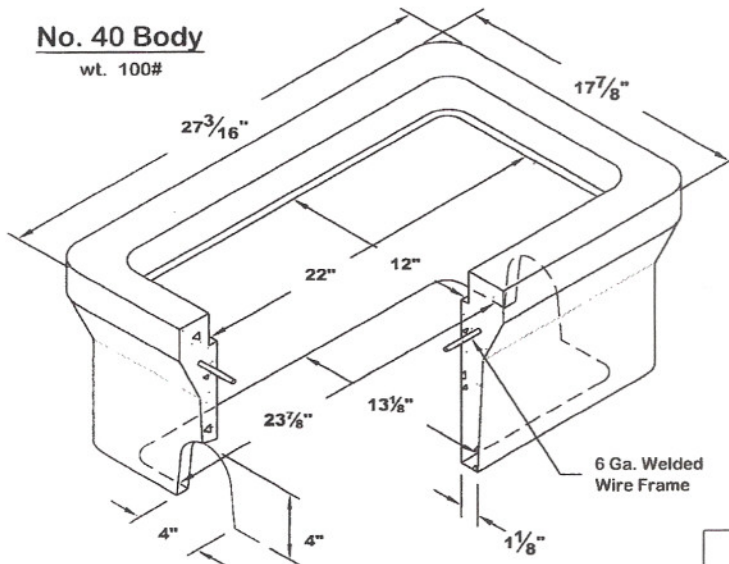
**No. 40-5
Concrete Cover**

wt. 49#



No. 40 Body

wt. 100#



**12" x 22"
METER BOX**

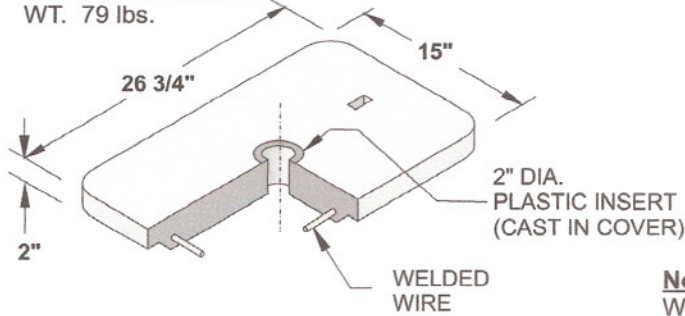
REVISED
10/06/06

DRAWING NUMBER
#40 SERIES

BROOKS PRODUCTS

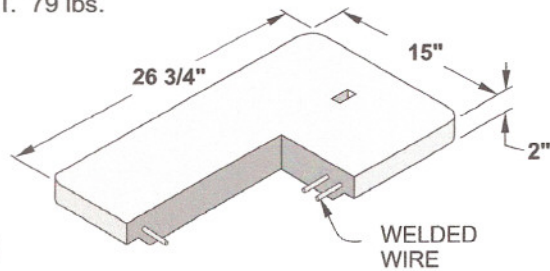
No. 65 - SP COVER

WT. 79 lbs.



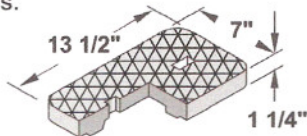
No. 65 MB - CONCRETE COVER

WT. 79 lbs.



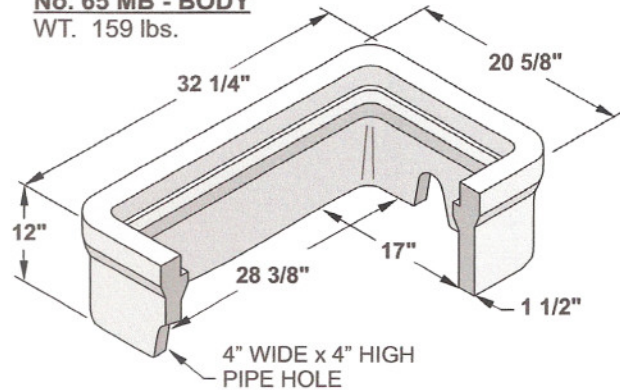
No. 65 - ST LID (2-ST)

WT. 9 lbs.



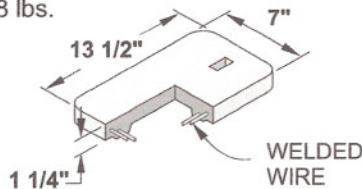
No. 65 MB - BODY

WT. 159 lbs.



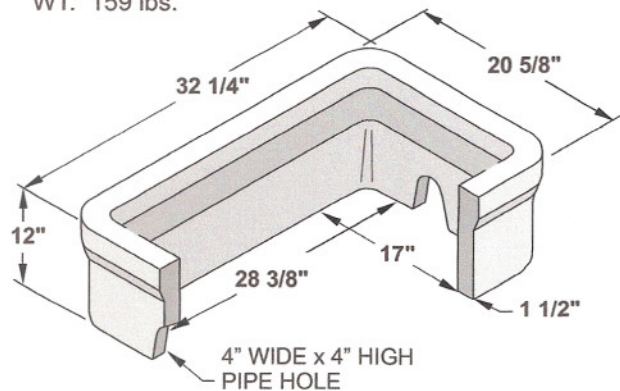
No. 65 - S LID (2-S)

WT. 8 lbs.



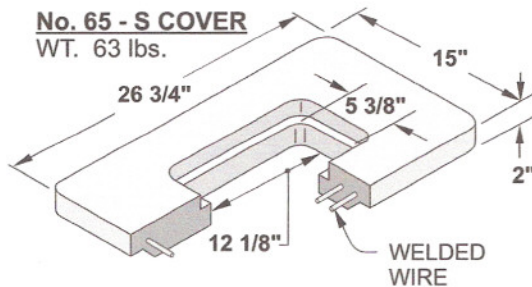
No. 65 MB - EXTENSION

WT. 159 lbs.



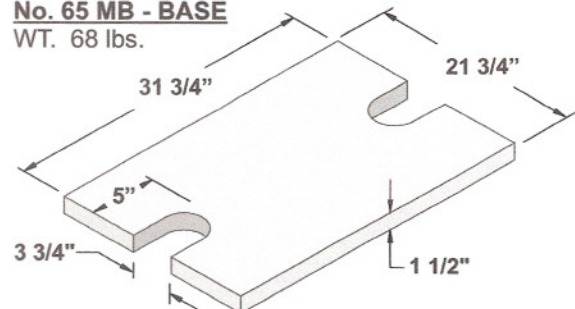
No. 65 - S COVER

WT. 63 lbs.



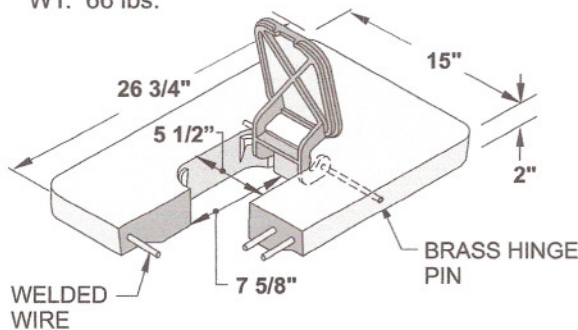
No. 65 MB - BASE

WT. 68 lbs.



No. 65 - H COVER WITH C.I. HINGED LID

WT. 66 lbs.



17" x 28" METER BOX
(for 2" WATER METER)

ORG. DWG. DATE
11-10-95

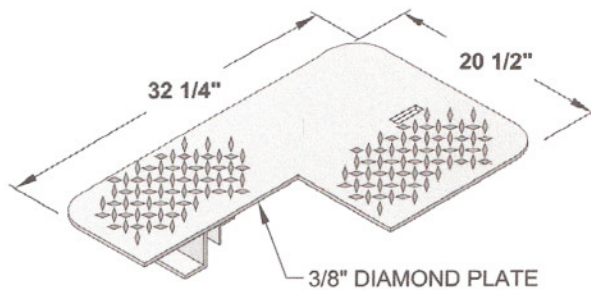
REV. DWG. DATE
01-09-01

BROOKS
PRODUCTS

65MB

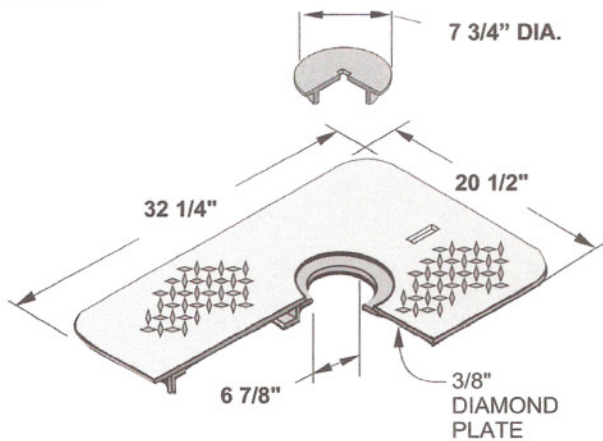
No. 65 - T STEEL COVER (SUPERIMPOSED)

WT. 71 lbs.



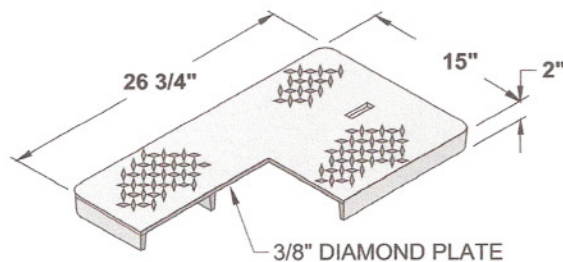
No. 65 - TR STEEL COVER (SUPERIMPOSED)

WT. 73 lbs.



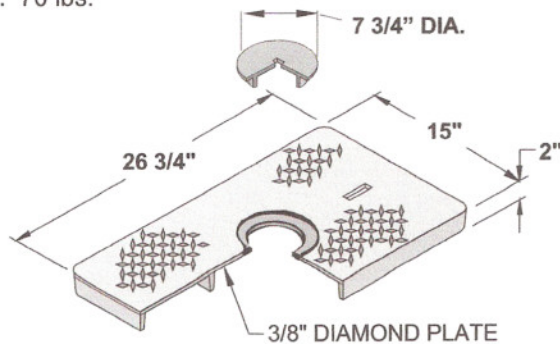
No. 65 - TF STEEL COVER (FLUSH)

WT. 68 lbs.



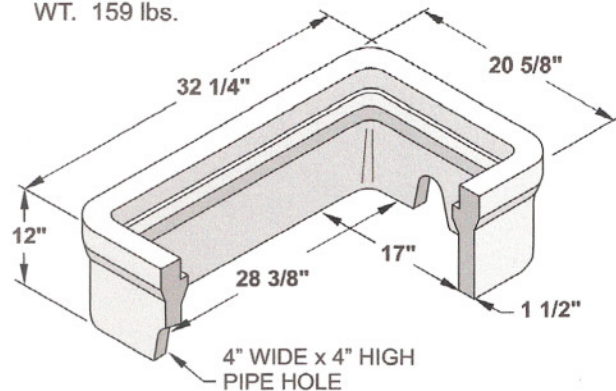
No. 65 - TFR STEEL COVER (FLUSH)

WT. 70 lbs.



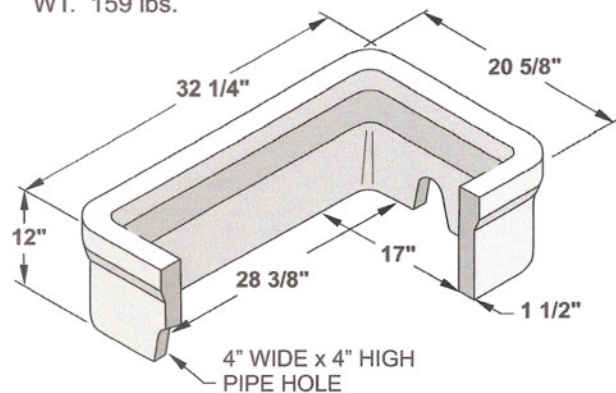
No. 65 MB - BODY

WT. 159 lbs.



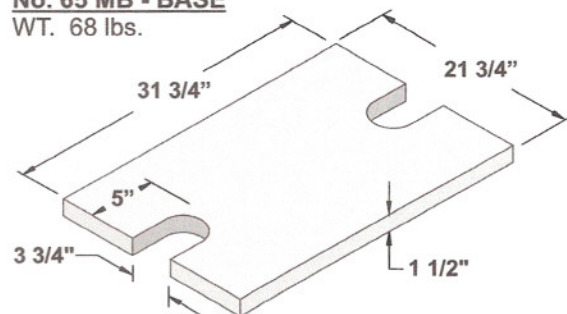
No. 65 MB - EXTENSION

WT. 159 lbs.



No. 65 MB - BASE

WT. 68 lbs.



17" x 28" METER BOX
(for 2" WATER METER)

ORG. DWG. DATE
11-10-95

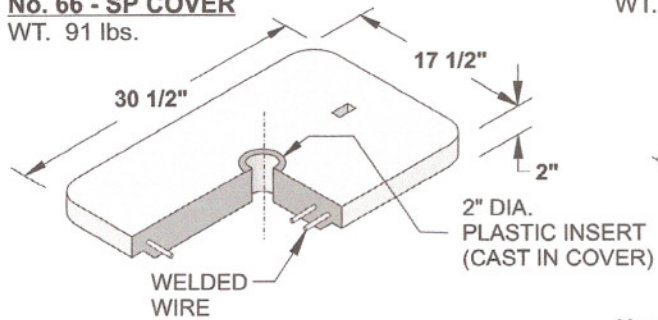
REV. DWG. DATE
01-09-01

BROOKS
PRODUCTS

65MB

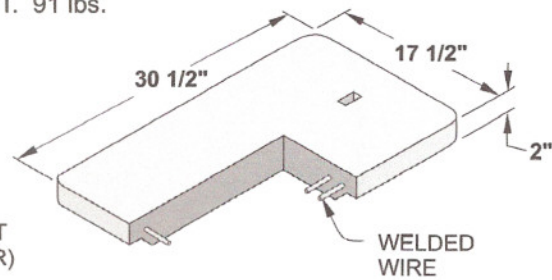
No. 66 - SP COVER

WT. 91 lbs.



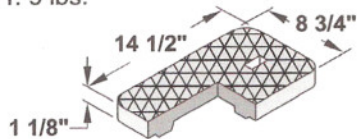
No. 66 MB - CONCRETE COVER

WT. 91 lbs.



No. 66 - ST LID (3-T)

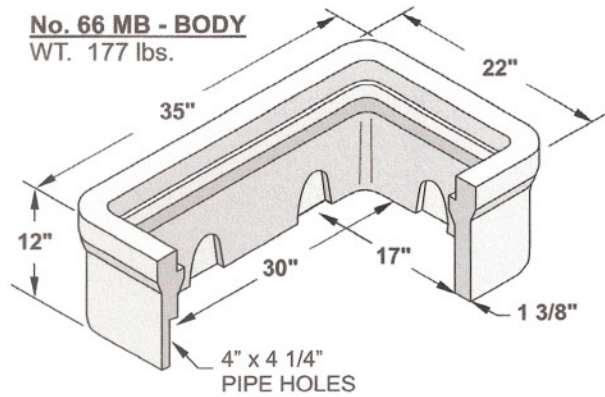
WT. 9 lbs.



WELDED
WIRE

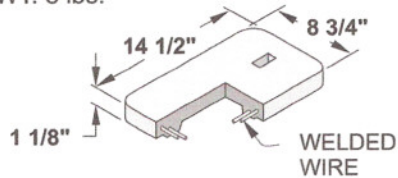
No. 66 MB - BODY

WT. 177 lbs.



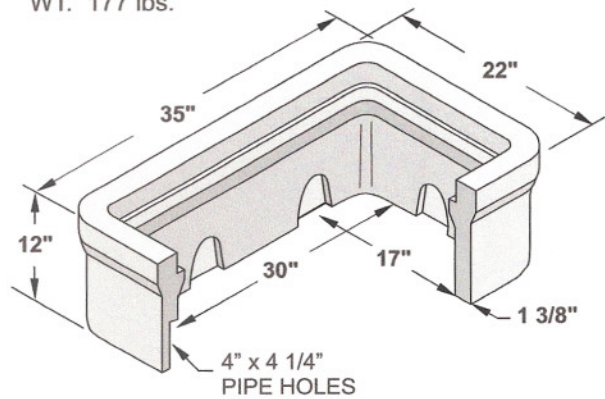
No. 66 - S LID (3-MB)

WT. 8 lbs.



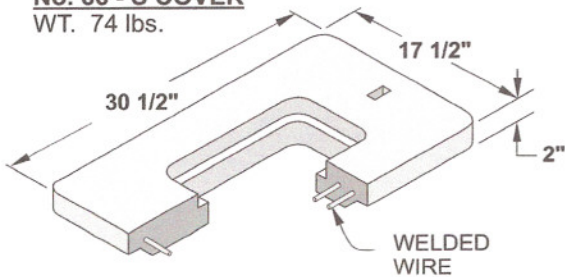
No. 66 MB - EXTENSION

WT. 177 lbs.



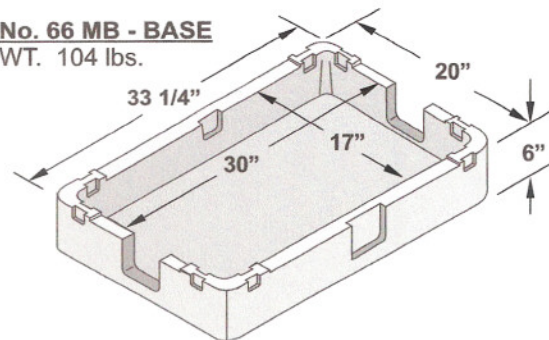
No. 66 - S COVER

WT. 74 lbs.



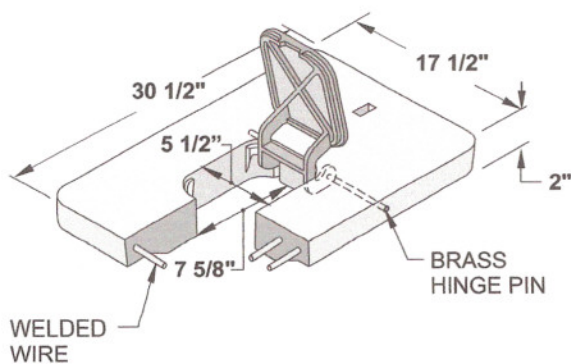
No. 66 MB - BASE

WT. 104 lbs.



No. 66 - H COVER WITH C.I. HINGED LID

WT. 85 lbs.



17" x 30" METER BOX
(for 2" & 3" WATER METER)

ORG. DWG. DATE
11-16-99

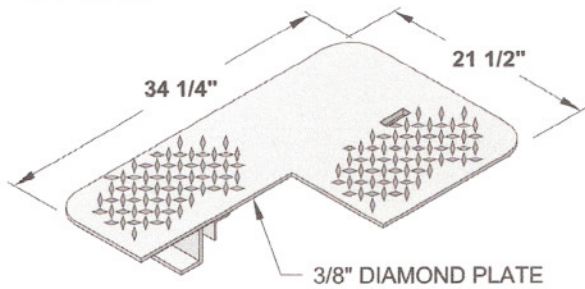
REV. DWG. DATE
12-06-00

BROOKS
PRODUCTS

66MB

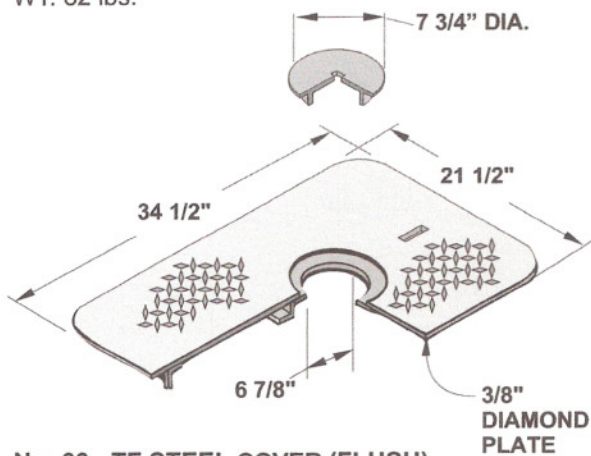
No. 66 - T STEEL COVER (SUPERIMPOSED)

WT. 80 lbs.



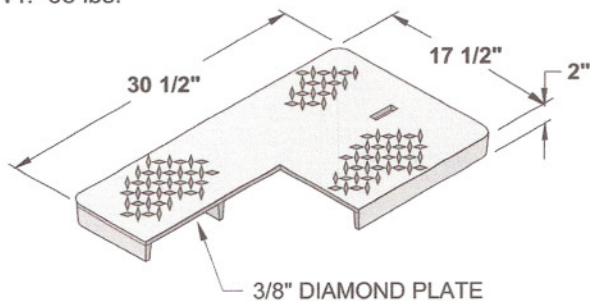
No. 66 - TR STEEL COVER (SUPERIMPOSED)

WT. 82 lbs.



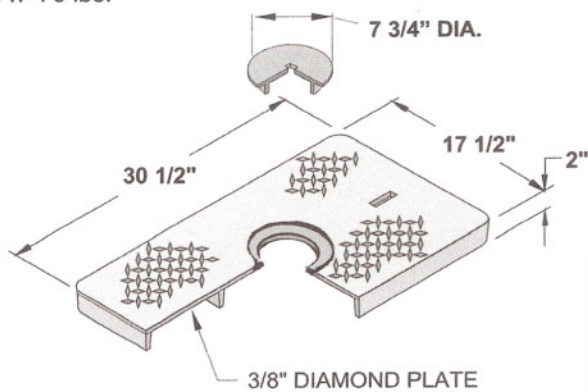
No. 66 - TF STEEL COVER (FLUSH)

WT. 68 lbs.



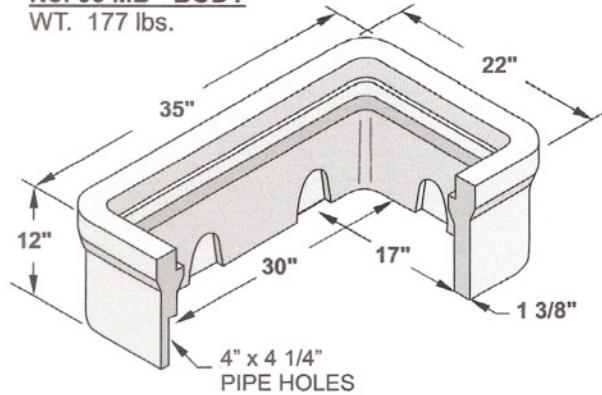
No. 66 - TFR STEEL COVER (FLUSH)

WT. 70 lbs.



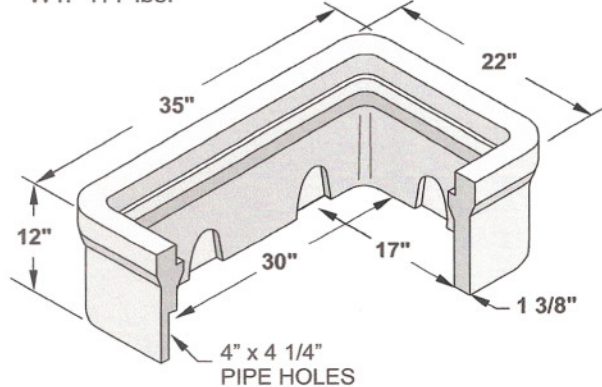
No. 66 MB - BODY

WT. 177 lbs.



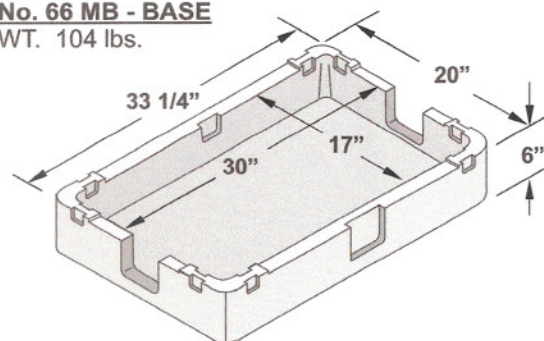
No. 66 MB - EXTENSION

WT. 177 lbs.



No. 66 MB - BASE

WT. 104 lbs.



17" x 30" METER BOX
(for 2" & 3" WATER METER)

ORG. DWG. DATE
11-16-99

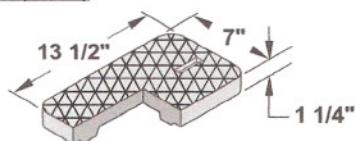
REV. DWG. DATE
12-06-00

BROOKS
PRODUCTS

66MB

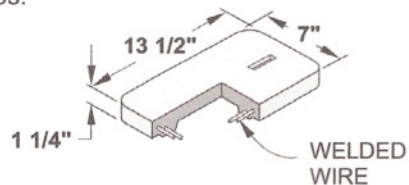
No. 67 - ST LID (2-ST)

WT. 9 lbs.



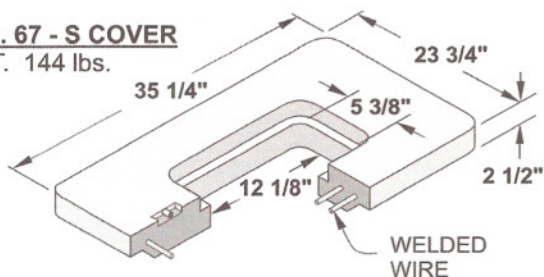
No. 67 - S LID (2-S)

WT. 8 lbs.



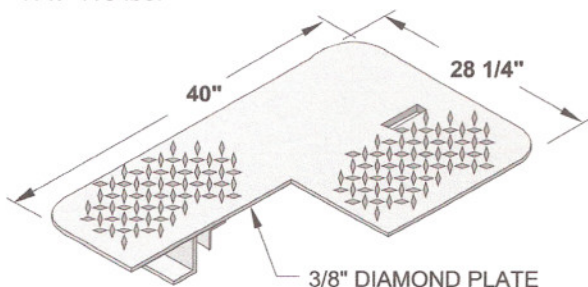
No. 67 - S COVER

WT. 144 lbs.



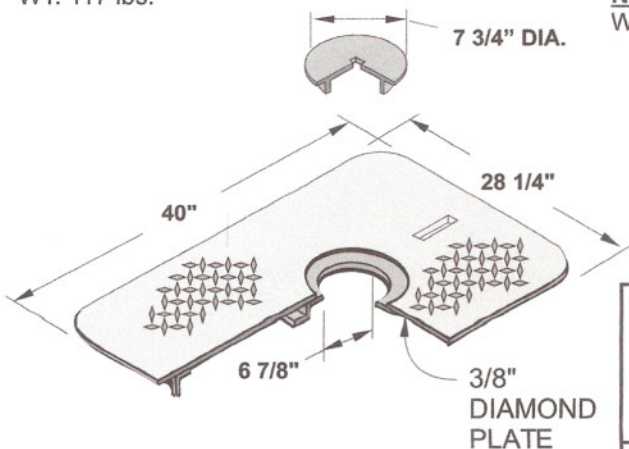
No. 67 - T STEEL COVER (SUPERIMPOSED)

WT. 115 lbs.



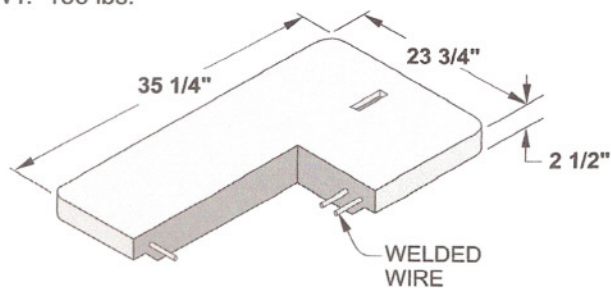
No. 67-TR STEEL COVER (SUPERIMPOSED)

WT. 117 lbs.



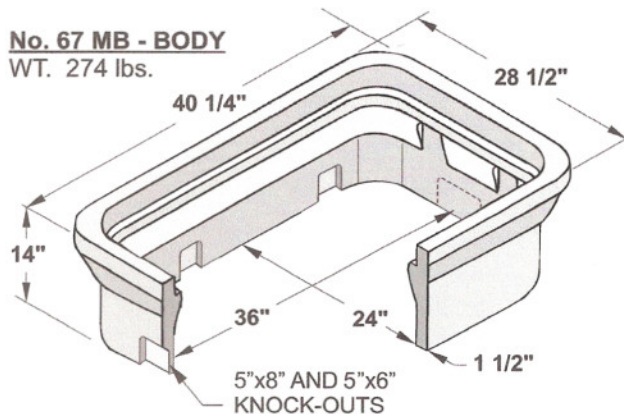
No. 67 MB - CONCRETE COVER

WT. 156 lbs.



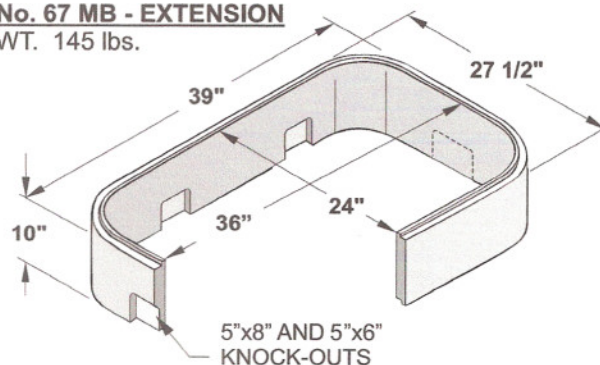
No. 67 MB - BODY

WT. 274 lbs.



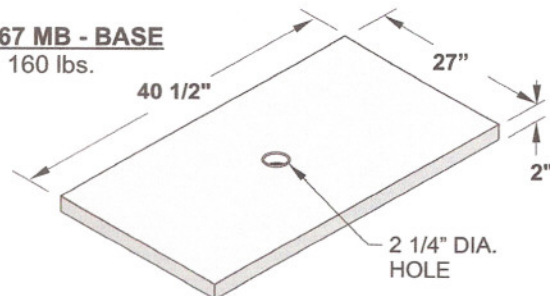
No. 67 MB - EXTENSION

WT. 145 lbs.



No. 67 MB - BASE

WT. 160 lbs.



24" x 36" METER BOX

ORG. DWG. DATE
11-17-99

REV. DWG. DATE
12-06-00

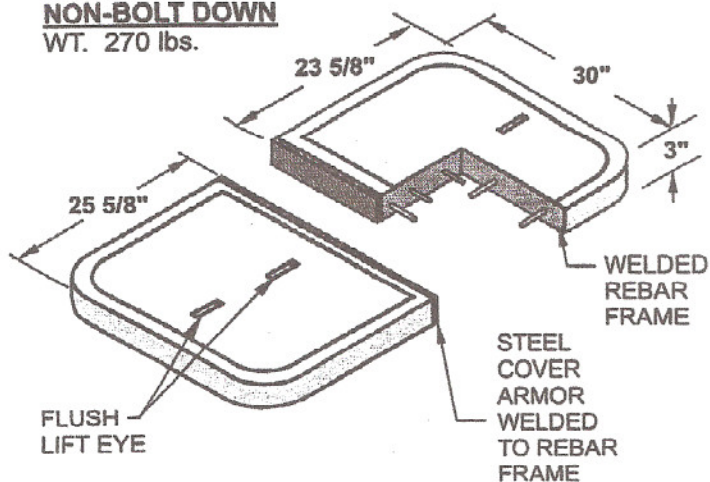
BROOKS
PRODUCTS

67MB

No. 68 - PB CONCRETE COVER - 2 PC

NON-BOLT DOWN

WT. 270 lbs.

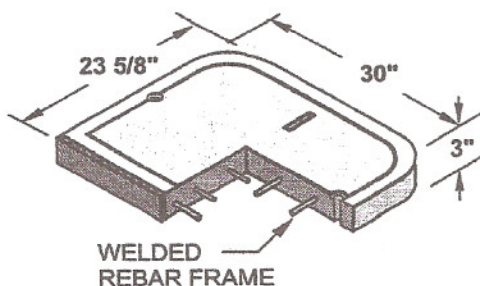


HALF COVER SHOWN
2ea. HALF COVERS ARE REQUIRED
FOR A COMPLETE COVER ASSEMBLY

No. 68 - PB CONCRETE COVER - 2 PC

BOLT DOWN

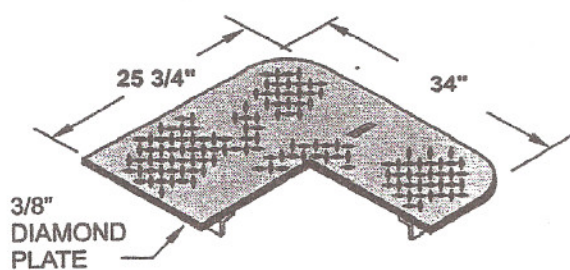
WT. 270 lbs.



No. 68 - PB STEEL COVER - 2 PC

(SUPERIMPOSED) NON-BOLT DOWN

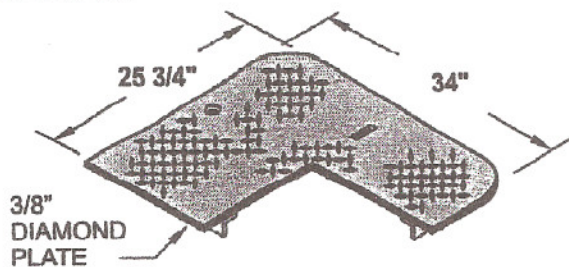
WT. 201 lbs.



No. 68 - PB STEEL COVER - 2 PC

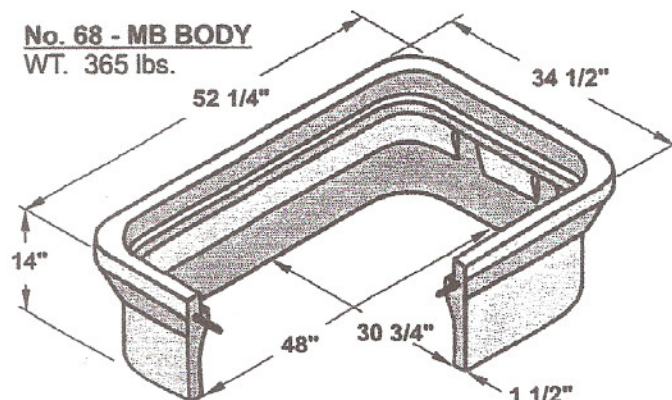
(SUPERIMPOSED) BOLT DOWN

WT. 201 lbs.



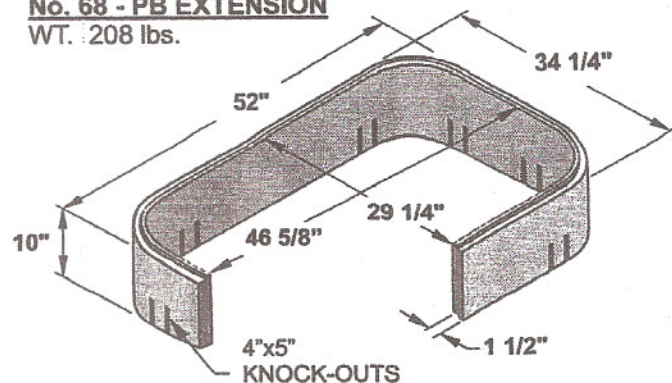
No. 68 - MB BODY

WT. 365 lbs.



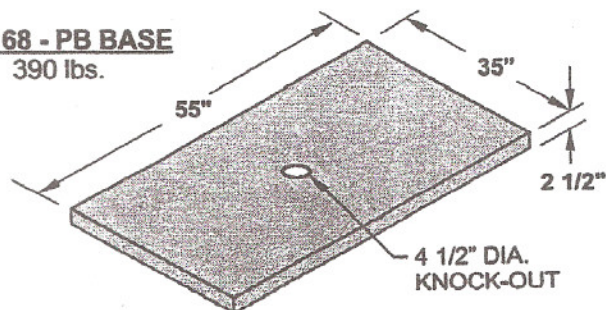
No. 68 - PB EXTENSION

WT. 208 lbs.



No. 68 - PB BASE

WT. 390 lbs.



30" x 48" PULL BOX

ORG. DWG. DATE
11-18-99

REV. DWG. DATE
08-29-00

BROOKE
PRODUCTS

68MB

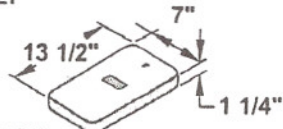
RIGHT HALF OF COVER SHOWN

CONCRETE COVERS REQUIRE 2ea. HALF COVERS AND 1ea. 12" SPACER FOR A COMPLETE COVER ASSEMBLY

STEEL COVERS REQUIRE 2ea. HALF COVERS FOR A COMPLETE ASSEMBLY

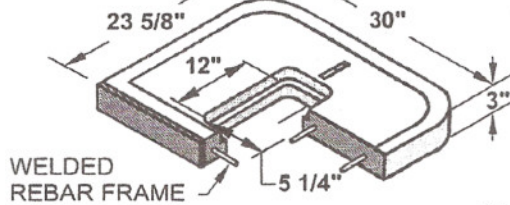
No. 69 - S LID (2-S)

WT. 8 lbs.



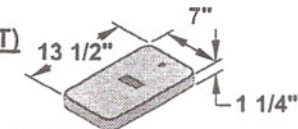
No. 69 - S COVER - 3 PC

WT. 475 lbs.



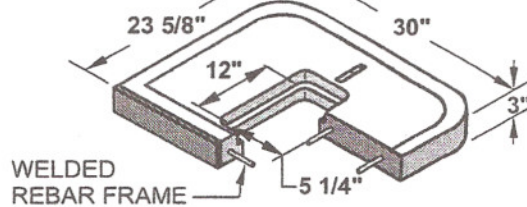
No. 69 - ST LID (2-ST)

WT. 9 lbs.



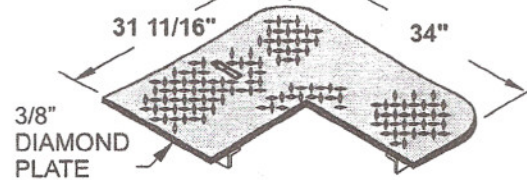
No. 69 - ST COVER - 3 PC

WT. 475 lbs.



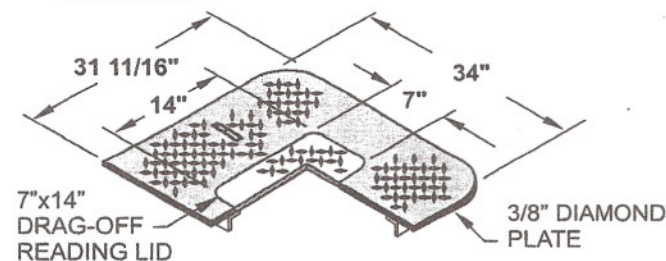
No. 69 - T STEEL COVER - 2 PC (SUPERIMPOSED)

WT. 276 lbs.



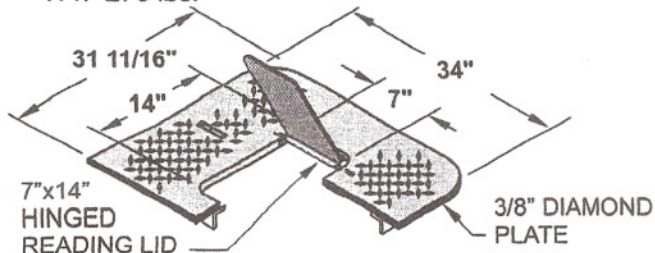
No. 69 - TR STEEL COVER - 2 PC (SUPERIMPOSED)

WT. 276 lbs.



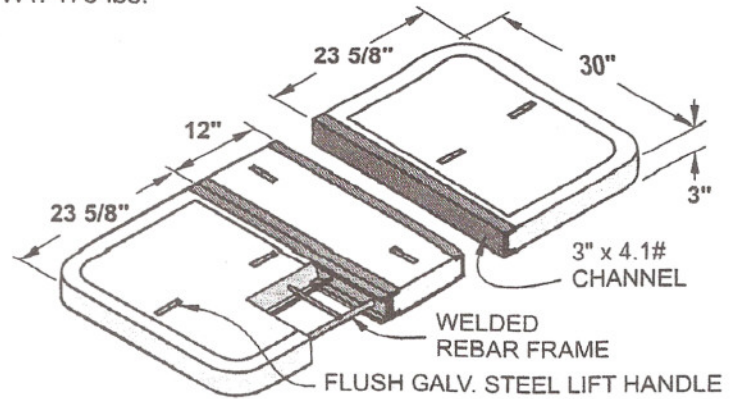
No. 69 - THR STEEL COVER - 2 PC (SUPERIMPOSED)

WT. 276 lbs.



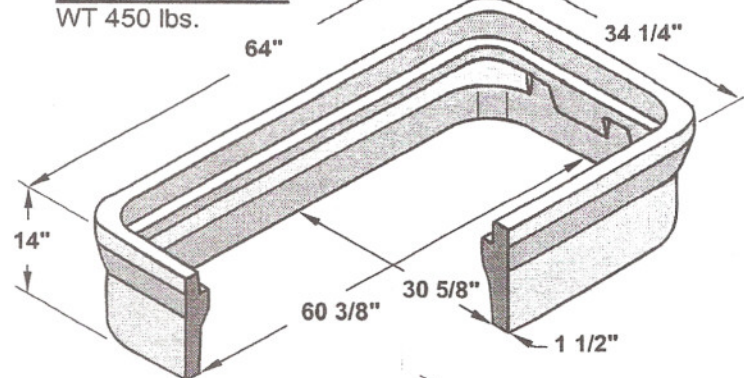
No. 69 MB - CONCRETE COVER - 3 PC

WT. 475 lbs.



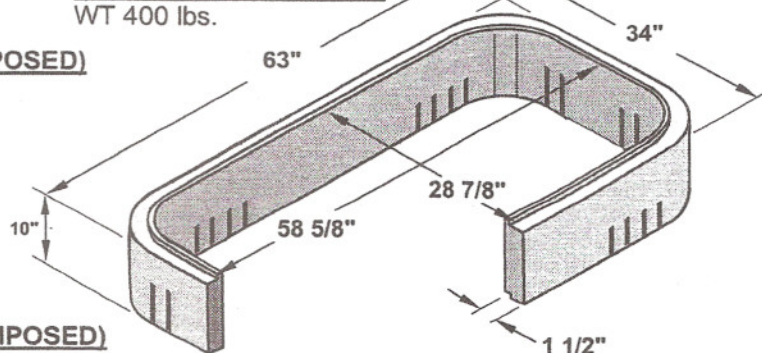
No. 69 MB - BODY

WT 450 lbs.



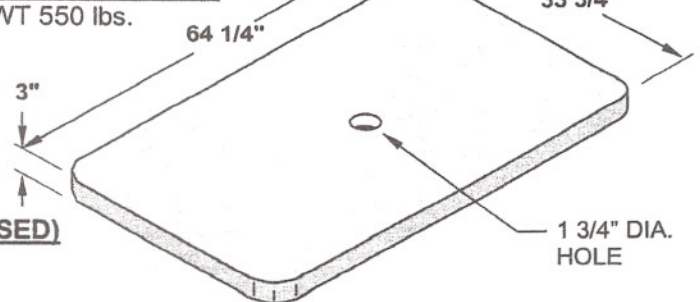
No. 69 MB - EXTENSION

WT 400 lbs.



No. 69 MB - BASE

WT 550 lbs.



30" x 60" SERVICE BOX

ORG. DWG. DATE
11-18-99

REV. DWG. DATE
08-16-00

BROOKS
PRODUCTS

69MB



Serving Gas, Electrical and Water Utilites
Since 1910

CATCH BASINS

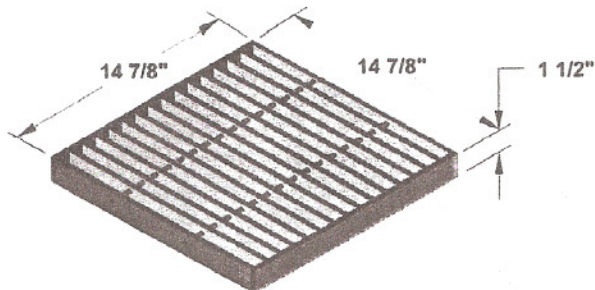
Visit our Website at
www.brooksproductsnw.com
TEL: (503) 254-2910 FAX: (503) 262- 9673

1212 CAST IRON GRATE

PARKWAY ONLY 28 lbs.

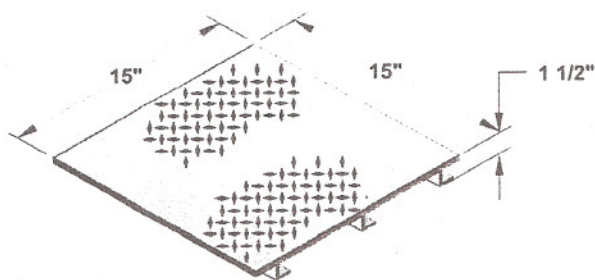
1212 STEEL GRATES

PARKWAY 16 lbs.
TRAFFIC 18 lbs.



1212 STEEL COVER

PARKWAY 22 lbs.
TRAFFIC 25 lbs.



NOTES:

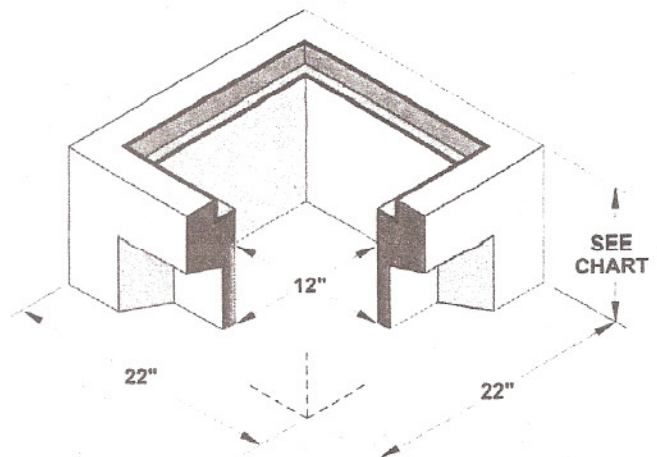
1. GRATES AND COVERS AVAILABLE PAINTED BLACK OR GALVANIZED
2. "ADA" GRATES AVAILABLE IN PARKWAY & TRAFFIC
3. "HEEL PROOF" GRATES AVAILABLE IN PARKWAY & TRAFFIC
4. A TOP SECTION WITH FRAME MUST BE USED IF BOLT DOWN REQUIRED

TOP SECTION	HT.	LBS	KNOCK-OUT
1212 T6	6"	170	NONE
1212 T12	12"	275	(4) 5" x 10"
1212 T18	18"	270	(4) 8" x 12"
1212 T24	24"	430	(4) 8" x 15"
1212 T28	28"	380	(4) 8" x 22"

EXTENSION SECTION	HT.	LBS	KNOCK-OUT
1212 E6	6"	170	NONE

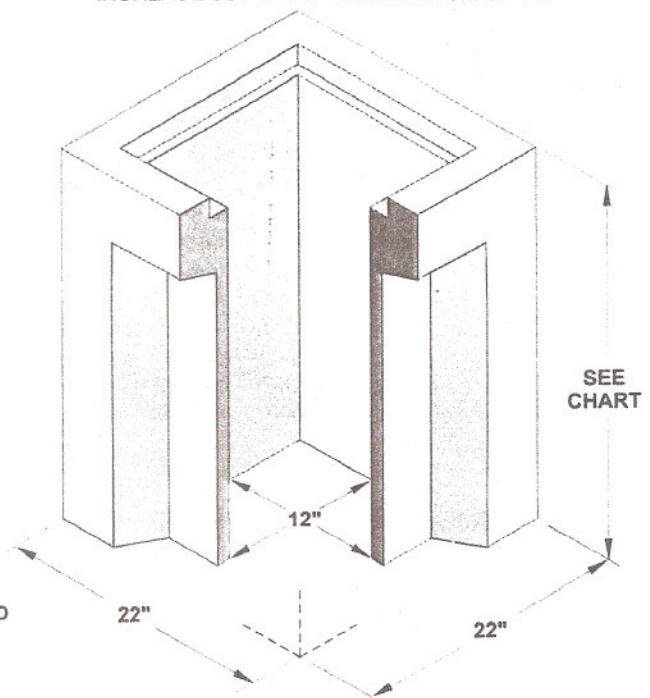
LOWER SECTION	HT.	LBS	KNOCK-OUT
1212 L12	12"	275	(4) 5" x 10"
1212 L18	18"	270	(4) 8" x 12"
1212 L24	24"	430	(4) 8" x 15"
1212 L28	28"	380	(4) 8" x 22"

1212 TOP SECTION (WITH GALVANIZED FRAME)



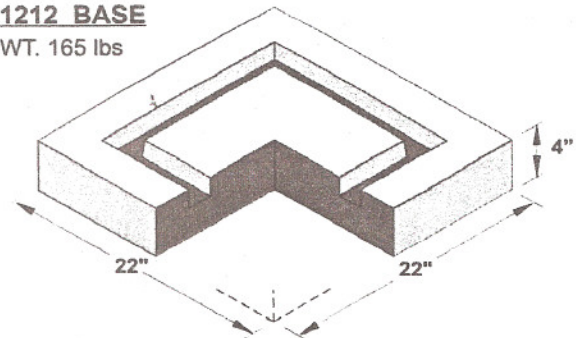
1212 LOWER SECTION (NO FRAME)

NOTE: USE 12", 18", 24", 28" LOWERS TO INCREASE DEPTH UP TO A MAXIMUM OF 72"



1212 BASE

WT. 165 lbs



12" x 12"
CATCH BASIN

BROOKE
PRODUCTS

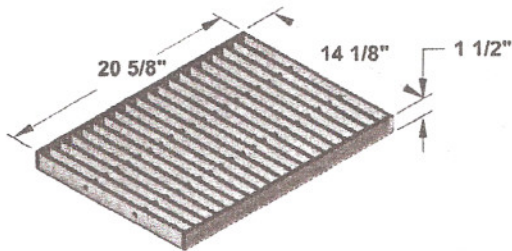
1212 CB

ORG. DWG. DATE
04-20-95

REV. DWG. DATE
05-18-00

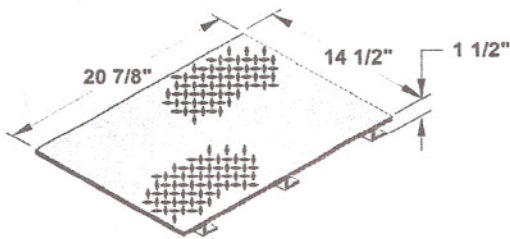
1218 STEEL GRATES

PARKWAY 20 lbs.
TRAFFIC 24 lbs.



1218 STEEL COVER

PARKWAY 33 lbs.
TRAFFIC 39 lbs.



NOTES:

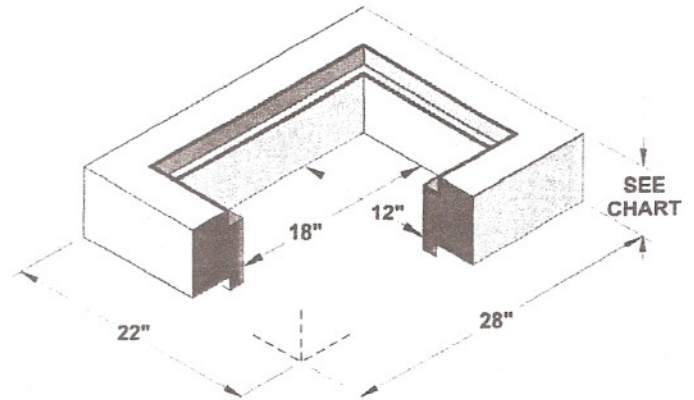
1. GRATES AND COVERS AVAILABLE PAINTED BLACK OR GALVANIZED
2. "ADA" OR "HEEL PROOF" GRATES ARE NOT AVAILABLE FOR THIS SERIES
3. A TOP SECTION WITH FRAME MUST BE USED IF BOLT DOWN REQUIRED

TOP SECTION	HT.	LBS	KNOCK-OUT
1218 T6	6"	210	NONE
1218 T12	12"	420	(2) 5" x 10"

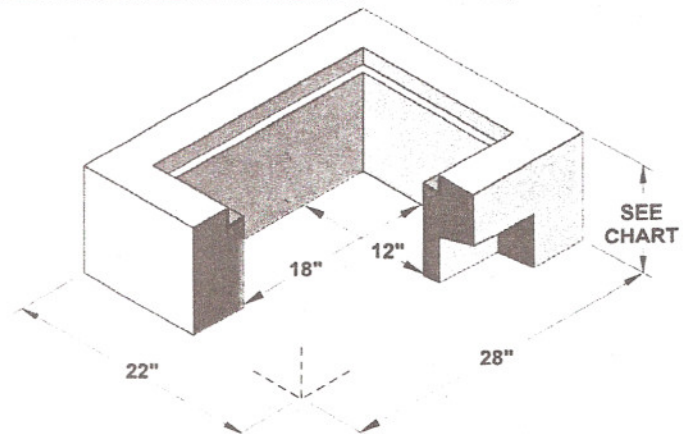
EXTENSION SECTION	HT.	LBS	KNOCK-OUT
1218 E6	6"	210	NONE
1218 E12	12"	420	(2) 5" x 10"

LOWER SECTION	HT.	LBS	KNOCK-OUT
1218 L25	25"	918	(1) 10" DIA. HOLE

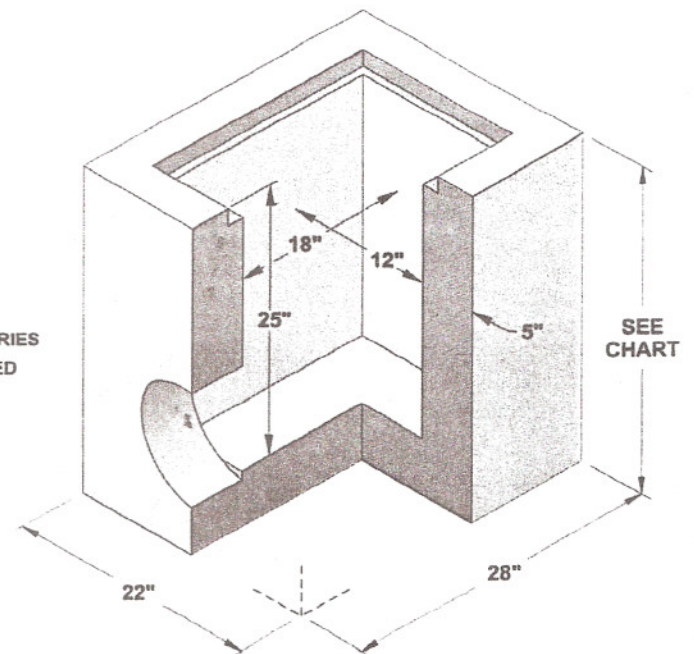
1218 TOP SECTION (WITH GALVANIZED FRAME)



1218 EXTENSION SECTION (NO FRAME)



1218 LOWER SECTION (WITH OR WITHOUT FRAME)



12" x 18"
CATCH BASIN

ORG. DWG. DATE
04-20-95

REV. DWG. DATE
02-28-00

BROOKE
PRODUCTS

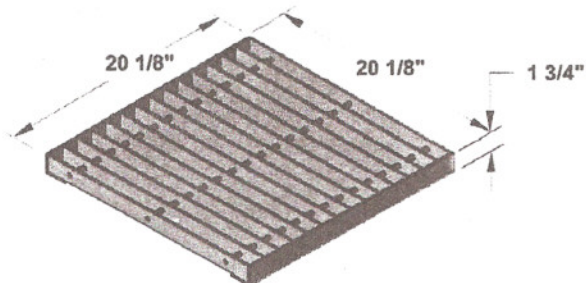
1218 CB

1818 CAST IRON GRATE

PARKWAY ONLY 58 lbs.

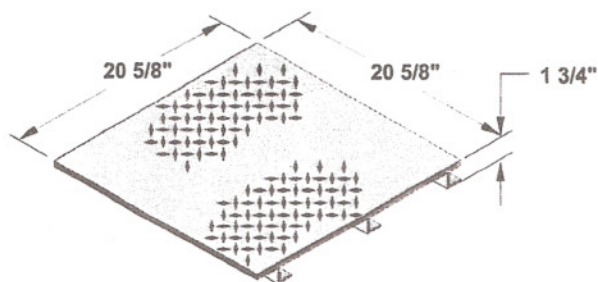
1818 STEEL GRATES

PARKWAY 27 lbs.
TRAFFIC. 49 lbs.



1818 STEEL COVER

PARKWAY 44 lbs.
TRAFFIC 65 lbs.



NOTES:

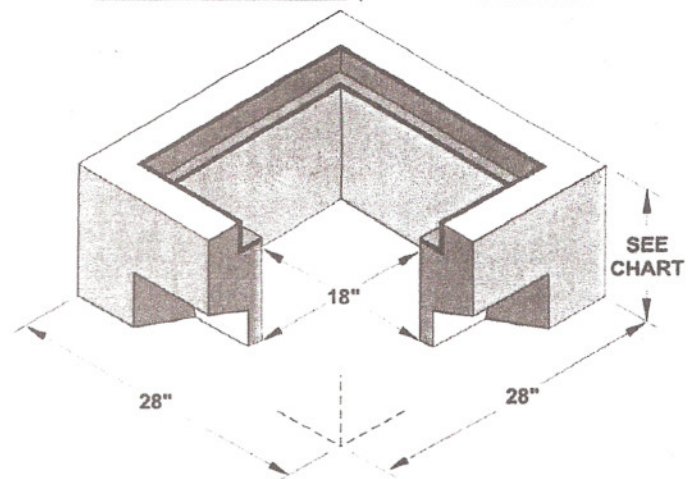
1. GRATES AND COVERS AVAILABLE PAINTED BLACK OR GALVANIZED
2. "ADA" GRATES AVAILABLE IN PARKWAY & TRAFFIC
3. "HEEL PROOF" GRATES AVAILABLE IN PARKWAY & TRAFFIC
4. A TOP SECTION WITH FRAME MUST BE USED IF BOLT DOWN REQUIRED

TOP SECTION	HT.	LBS	KNOCK-OUT
1818 T6	6"	215	NONE
1818 T12	12"	370	(4) 5" x 10"
1818 T18	18"	555	(4) 9" x 11"
1818 T24	24"	785	(4) 9" x 11"

EXTENSION SECTION	HT.	LBS	KNOCK-OUT
1818 E6	6"	215	NONE

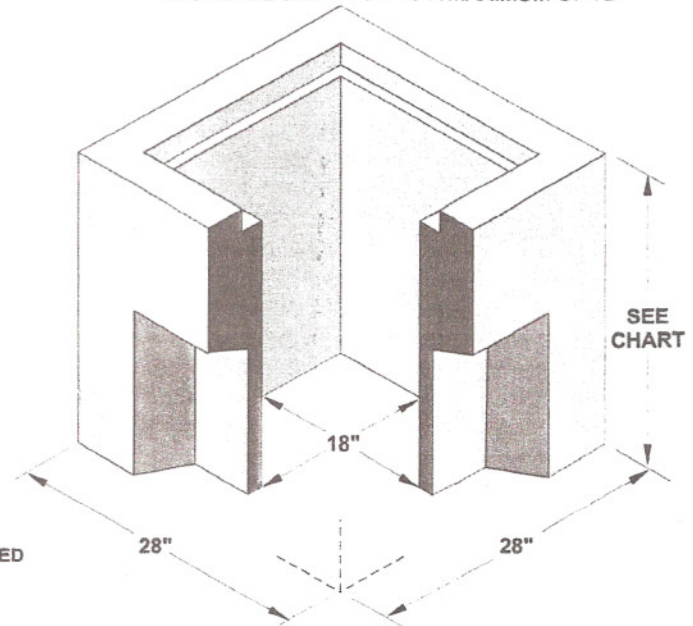
LOWER SECTION	HT.	LBS	KNOCK-OUT
1818 L12	12"	370	(4) 5" x 10"
1818 L18	18"	555	(4) 9" x 11"
1818 L24	24"	785	(4) 9" x 11"

1818 TOP SECTION (WITH GALVANIZED FRAME)



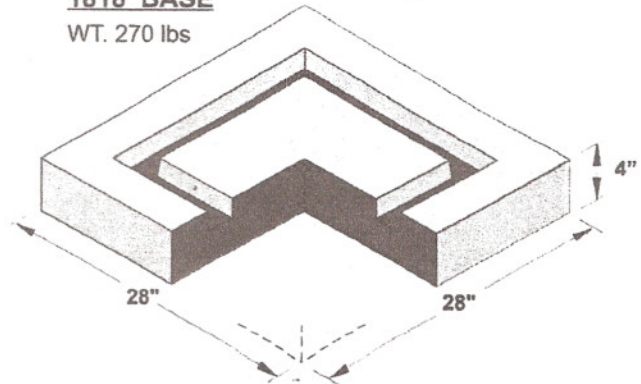
1818 LOWER SECTION (NO FRAME)

NOTE: USE 12", 18", 24" LOWERS TO INCREASE DEPTH UP TO A MAXIMUM OF 72"



1818 BASE

WT. 270 lbs



18" x 18"
CATCH BASIN

BROOKE
PRODUCTS

1818 CB

ORG. DWG. DATE
04-20-95

REV. DWG. DATE
02-28-00

2424 CAST IRON GRATE

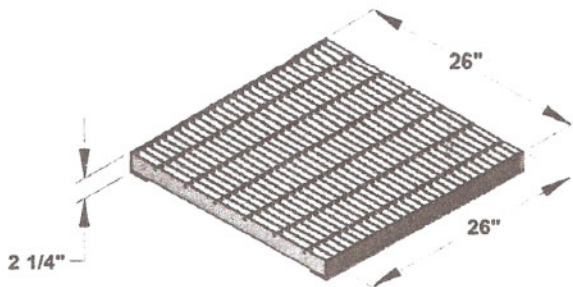
PARKWAY

112 lbs.

2424 STEEL GRATES

PARKWAY
TRAFFIC

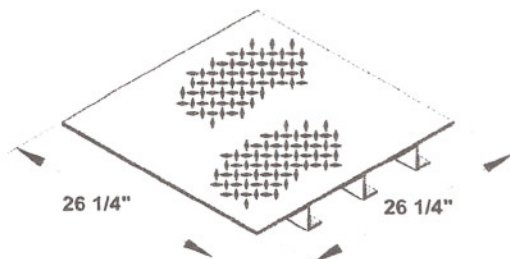
48 lbs.
103 lbs.



2424 STEEL COVER

PARKWAY
TRAFFIC

81 lbs.
114 lbs.



NOTES:

1. GRATES AND COVERS AVAILABLE PAINTED BLACK OR GALVANIZED
2. "ADA" GRATES AVAILABLE IN PARKWAY & TRAFFIC
3. "HEEL PROOF" GRATES AVAILABLE IN PARKWAY ONLY
4. A TOP SECTION WITH FRAME MUST BE USED IF BOLT DOWN REQUIRED

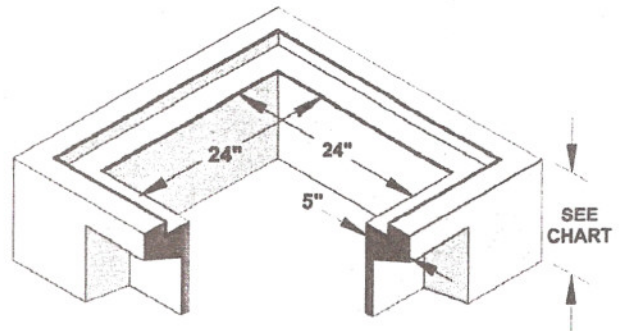
TOP SECTION	HT.	LBS	KNOCK-OUTS
2424 T6	6"	270	NONE
2424 T12	12"	495	(4) 6" x 11"
2424 T18	18"	745	(4) 9" x 12"
2424 T24	24"	870	(4) 14" x 14"

EXTENSION SECTION	HT.	LBS	KNOCK-OUTS
2424 E6	6"	270	NONE

LOWER SECTION	HT.	LBS	KNOCK-OUTS
2424 L12	12"	495	(4) 6" x 11"
2424 L18	18"	745	(4) 9" x 12"
2424 L24	24"	870	(4) 14" x 14"

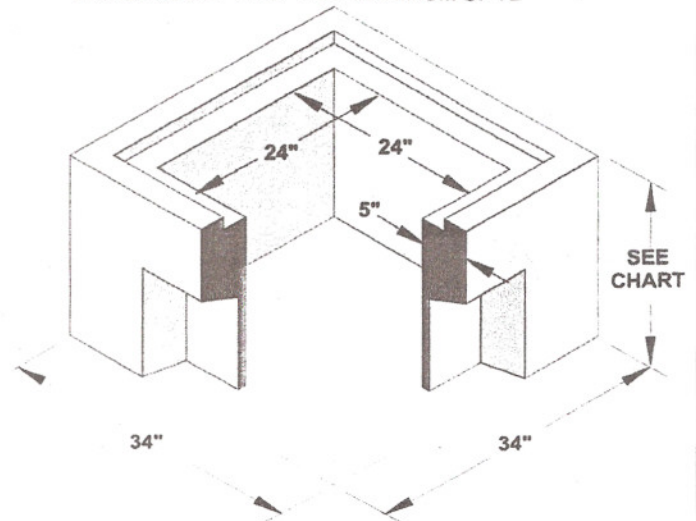
BOTTOM SECTION	HT.	LBS	KNOCK-OUTS
2424 B30	30"	1595	(4) 18" x 18"
2424 B36	36"	1905	(4) 18" x 18"

2424 TOP SECTION (WITH GALVANIZED FRAME)

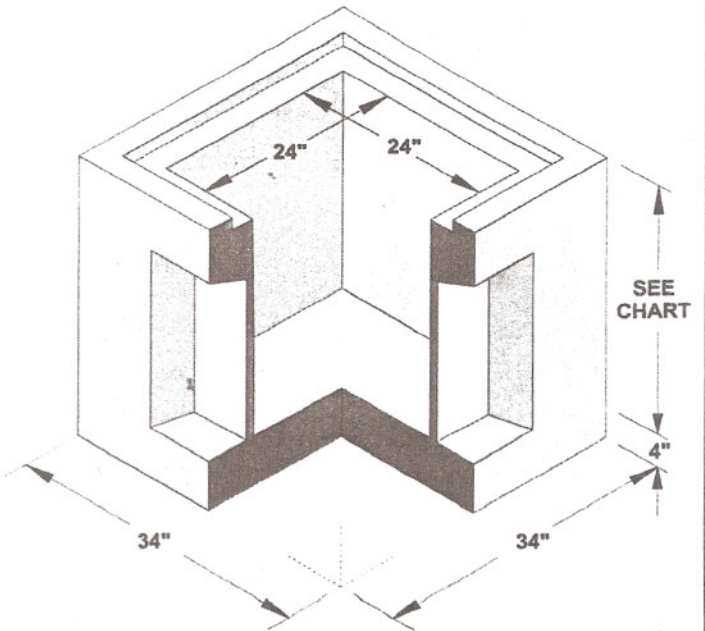


2424 LOWER SECTION (NO FRAME)

NOTE: USE 12", 18", 24" LOWERS TO INCREASE DEPTH UP TO A MAXIMUM OF 72"



2424 BOTTOM SECTION (WITH OR WITHOUT FRAME)



24" x 24"
CATCH BASIN

ORG. DWG. DATE
11-23-99

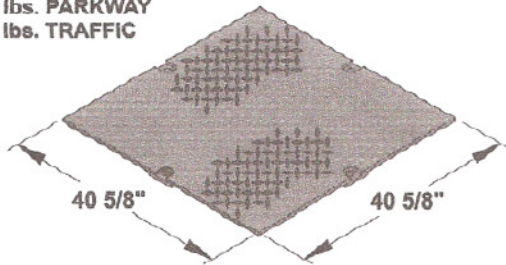
REV. DWG. DATE
02-28-00

BROOKE
PRODUCTS

2424 CB

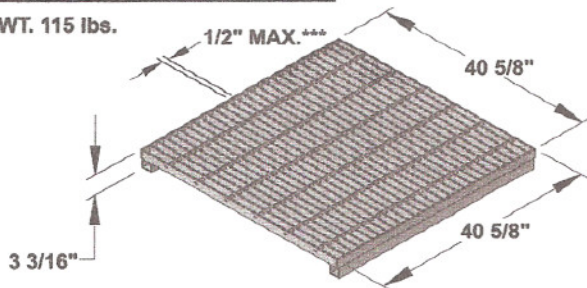
SC-3636 STEEL PARKWAY OR TRAFFIC SOLID COVER

WT. 152 lbs. PARKWAY
WT. 190 lbs. TRAFFIC



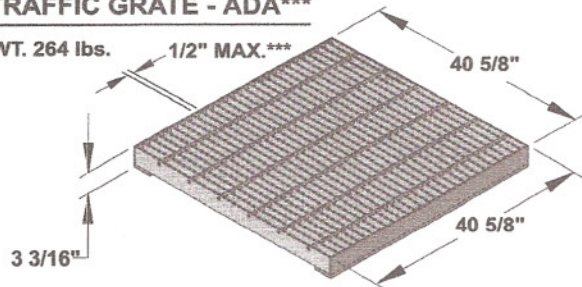
SGR-3636P STEEL PARKWAY GRATE - ADA***

WT. 115 lbs.



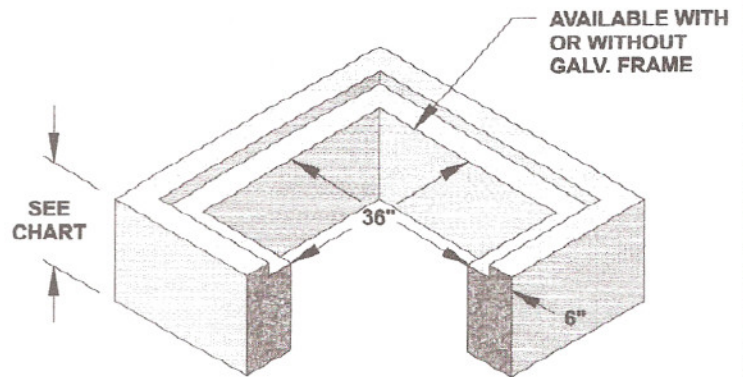
SGR-3636T STEEL TRAFFIC GRATE - ADA***

WT. 264 lbs.



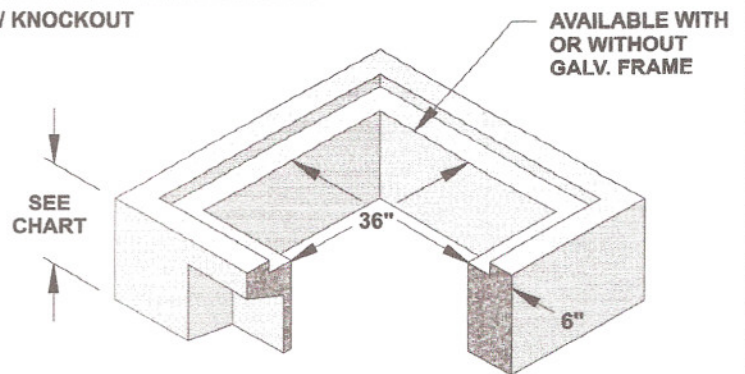
CB-3636 TOP SECTION OR EXTENSION

W/O K.O.

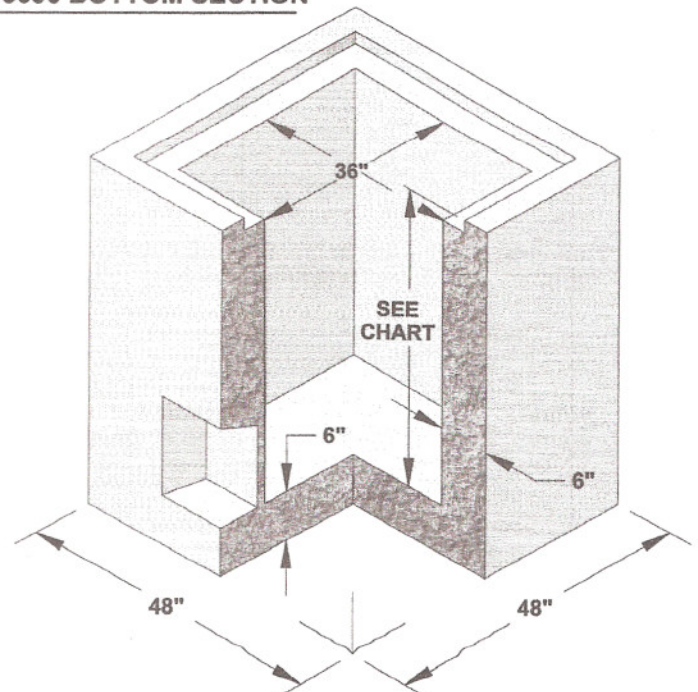


CB-3636 LOWER SECTION

W/ KNOCKOUT



CB-3636 BOTTOM SECTION



TOP OR EXT. SECTION	HT.	LBS	AVAILABLE
*3636 T6	6"	525	NO K.O.
**3636 T12	12"	1050	NO K.O.
3636 E6	6"	525	NO K.O.
3636 E12	12"	1050	NO K.O.
*3636 T21	21"	1827	w/ (2) 14" x 14" K.O.
3636 E24	24"	2088	w/ (2) 14" x 14" K.O.
*3636 T29	29"	2523	w/ (2) 14" x 14" K.O.

LOWER SECTION	HT.	LBS	AVAILABLE
3636 L48	48"	4200	W/ (2) 14" x 14" K.O.
3636 L60	60"	5250	W/ (2) 14" x 14" K.O.

BOTTOM SECTION	HT.	LBS	AVAILABLE
3636 B49	49"	5493	W/ (2) 14" x 14" K.O.
3636 B61	61"	6537	W/ (2) 14" x 14" K.O.

* WITH FRAME ONLY

** WITH OR WITHOUT FRAME

*** NOTE: ADA GRATES AVAILABLE

36" x 36" CATCH BASIN
WITH 6" WALLS

BROOKS
PRODUCTS

CB-3636

ORG. DWG. DATE
01-10-96

REV. DWG. DATE
01-20-97



Serving Gas, Electrical and Water Utilities
Since 1910

CURB VALVE BOXES

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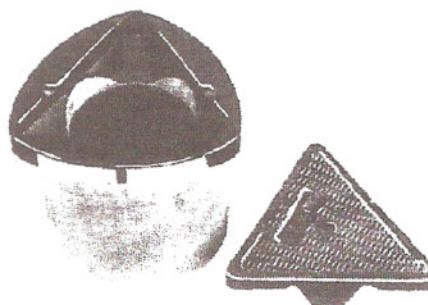


**Serving Gas, Electrical and Water Utilities
Since 1910**

VALVE BOXES The Brooks line of pre-cast concrete Valve Boxes includes both armored and non-armored bodies. Shown (left) is No. 1-RT for installation in traffic. The body is armored with heavy cast iron ring which seats a deeply ribbed cast iron cover. Boxes for other than traffic use are non-armored and have concrete lids. Depth extension are available in stacking lengths of 6" and 12" for all Valve Boxes.



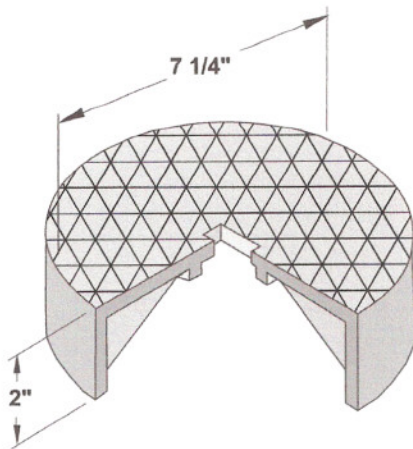
No. 1-RT



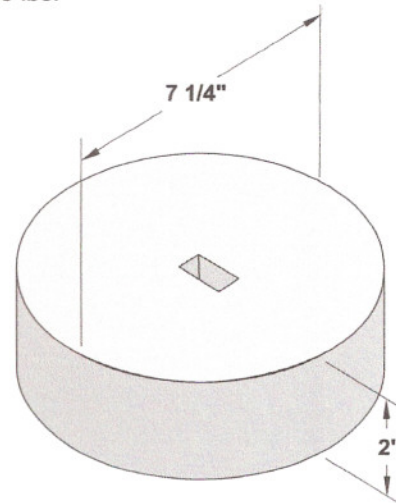
No. 4-TT

- | | |
|------------------|--|
| No. 1-RD | Non-armored concrete body and concrete lid for areas of traffic. 8" inside x 12" deep. |
| No. 1-SP | Sprinkler control valve box. Concrete body and concrete lid. 8" inside x 10" deep. |
| No. 1-RT | Armored top and cast iron lid, for traffic areas. 8 3/4" inside x 12" deep. |
| No. 3-RT | Same as No. 1-RT except 10" inside. |
| No. 4-TT | Same as No. 3-RT except triangular lid prevents lid rattle where box is subject to traffic. |
| No. 9 | Same as No. 1-RD except 9" inside x 24" deep. Break-off grooves provide easy shortening of body. |
| No. 30-30 | Same as No. 9 except 8" inside x 30" deep. |

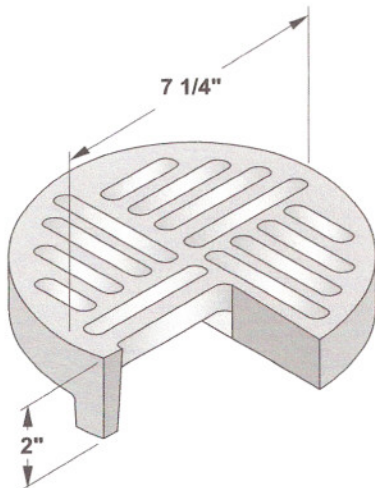
No. 1-RD-T CAST IRON COVER
WT. 7 lbs.



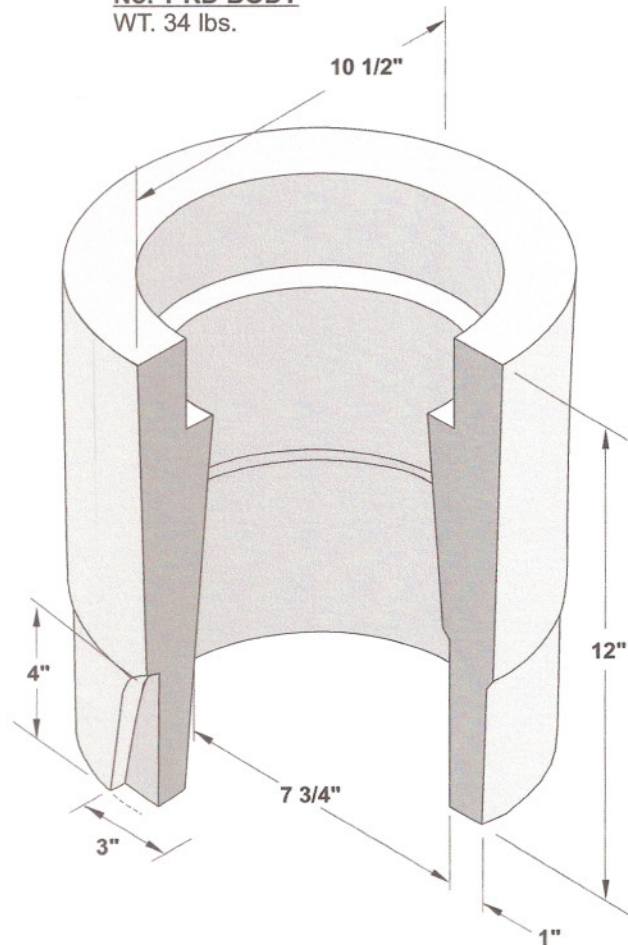
No. 1-R CONCRETE COVER
WT. 5 lbs.



No. 1-RD-TG CAST IRON GRATE
WT. 5 lbs.



No. 1-RD BODY
WT. 34 lbs.



7 3/4" Dia. x 12"
CURB VALVE BOX

ORG. DWG. DATE
04-12-95

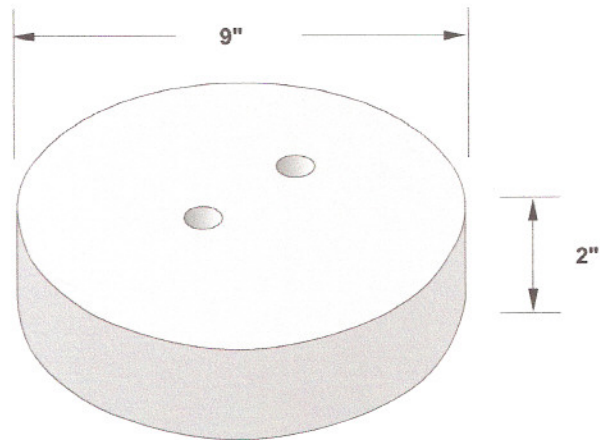
REV. DWG. DATE
11-13-00

BROOKE
PRODUCTS

1-RD

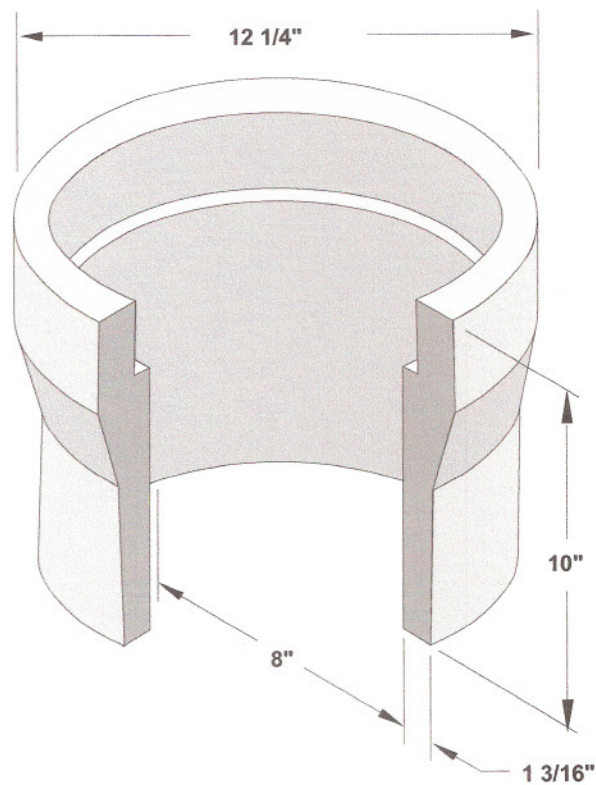
No. 1-SP CONCRETE COVER

WT. 10 lbs.



No. 1-SP BODY

WT. 36 lbs.



8" Dia. x 10"
CURB VALVE BOX

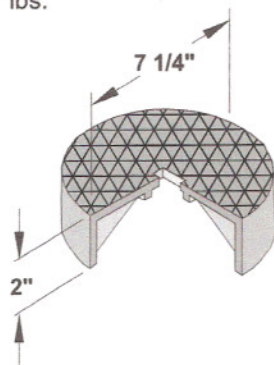
ORG. DWG. DATE
04-13-95

REV. DWG. DATE
11-13-00

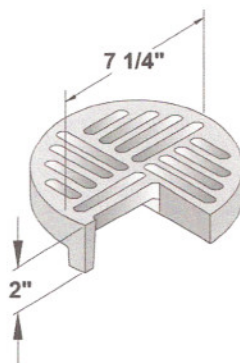
BROOKE
PRODUCTS

1-SP

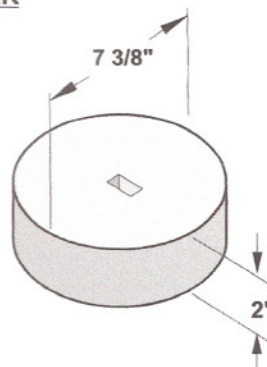
No. 1-RD-T CAST IRON COVER
WT. 7 lbs.



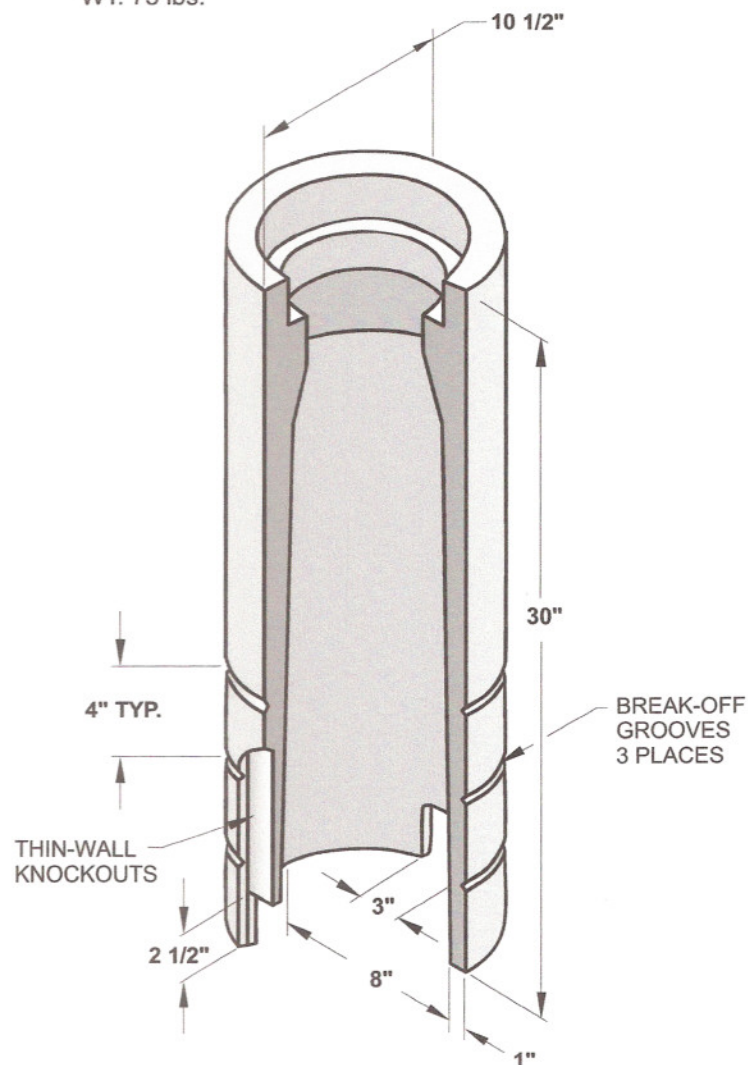
No. 1-RD-TG CAST IRON GRATE
WT. 5 lbs.



No. 1-R COVER
WT. 5 lbs.



No. 30-30 BODY
WT. 75 lbs.



8" Dia. x 30"
CURB VALVE BOX

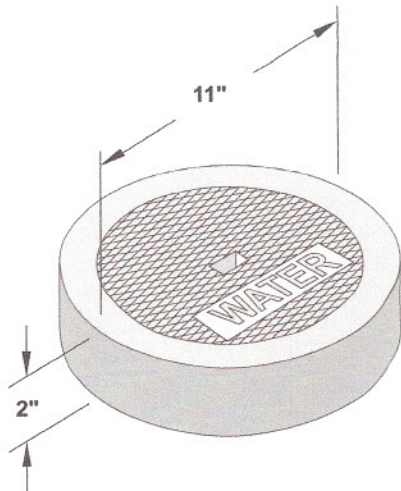
ORG. DWG. DATE
09-07-95

REV. DWG. DATE
08-17-00

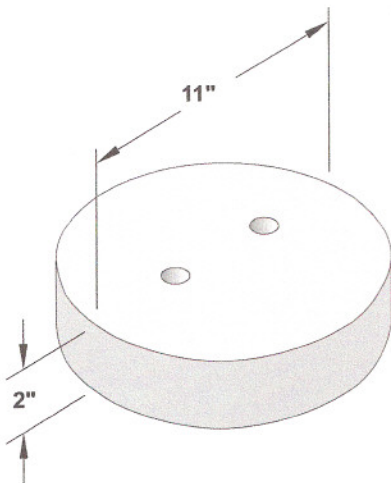
BROOKE
PRODUCTS

30-30 SERIES

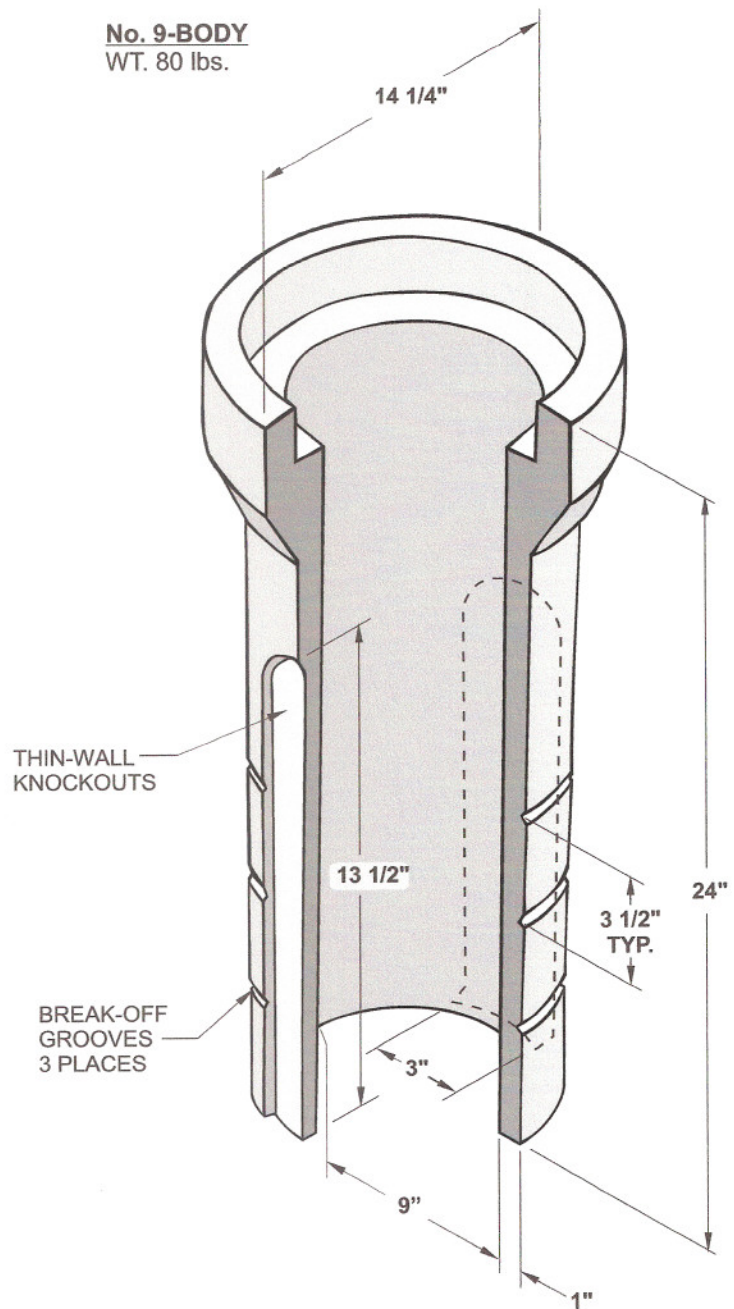
No. 9-T CAST IRON COVER
WT. 12 lbs.



No. 9 CONCRETE COVER
WT. 12 lbs.



No. 9-BODY
WT. 80 lbs.



9" Dia. x 24"
CURB VALVE BOX

ORG. DWG. DATE
12-04-95

REV. DWG. DATE
01-09-01

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9 SERIES

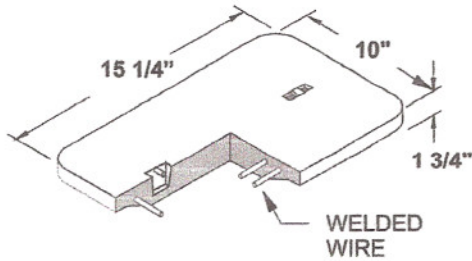


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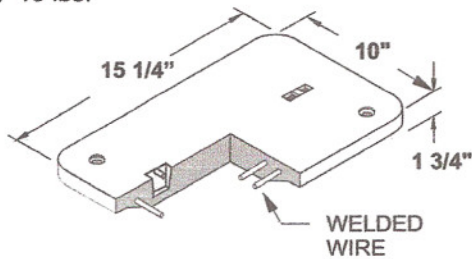
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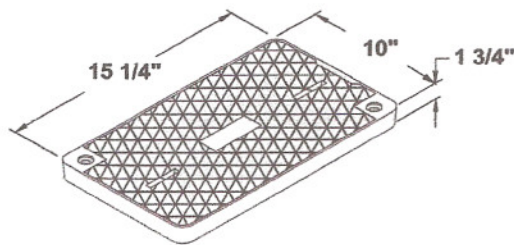
No. 36 - PB CONCRETE COVER
NON-BOLT DOWN
 WT. 19 lbs.



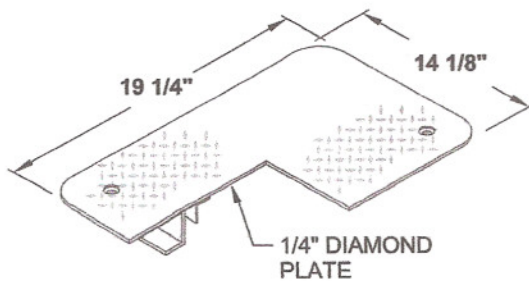
No. 36 - PB CONCRETE COVER
BOLT DOWN
 WT. 19 lbs.



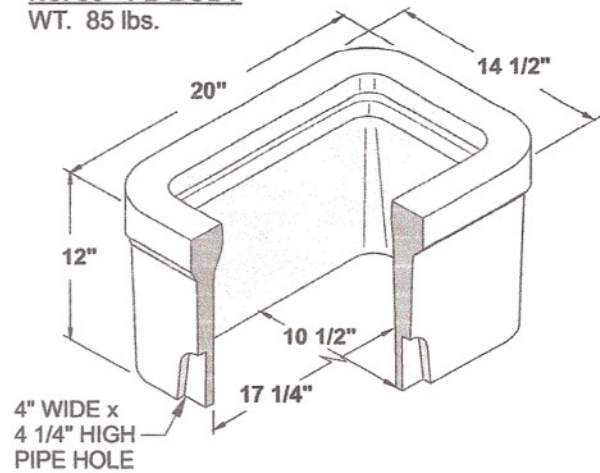
No. 36 - PB CAST IRON COVER
BOLT DOWN
 WT. 16 lbs.



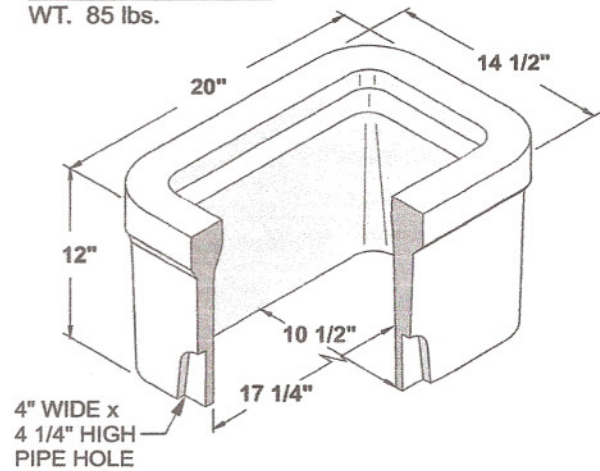
No. 36-PB STEEL COVER
(SUPERIMPOSED) BOLT DOWN
 WT. 30 lbs.



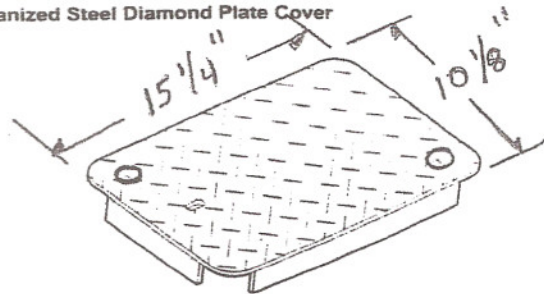
No. 36 - PB BODY
 WT. 85 lbs.



No. 36 - EXTENSION
 WT. 85 lbs.



Galvanized Steel Diamond Plate Cover



10 1/2" x 17 1/2" PULL BOX
 (STATE #3 1/2 SPEC.)

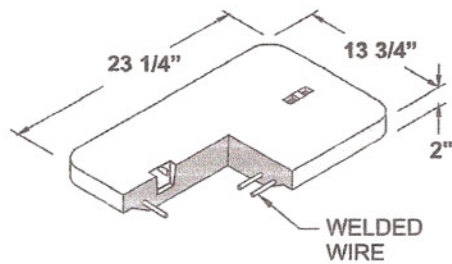
ORG. DWG. DATE
 04-26-95

REV. DWG. DATE
 01-09-01

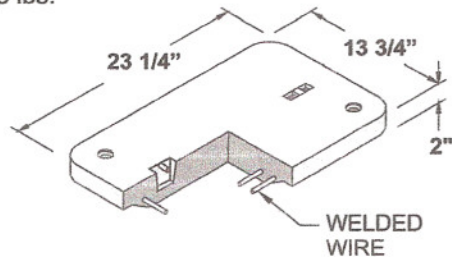
BROOKS
 PRODUCTS

36PB

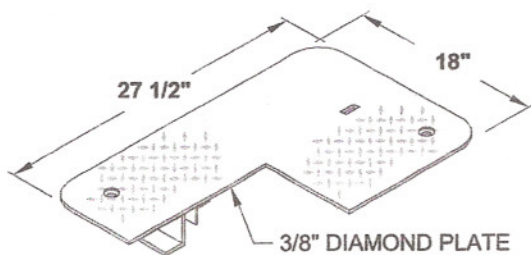
No. 38 - PB CONCRETE COVER
NON-BOLT DOWN
 WT. 57 lbs.



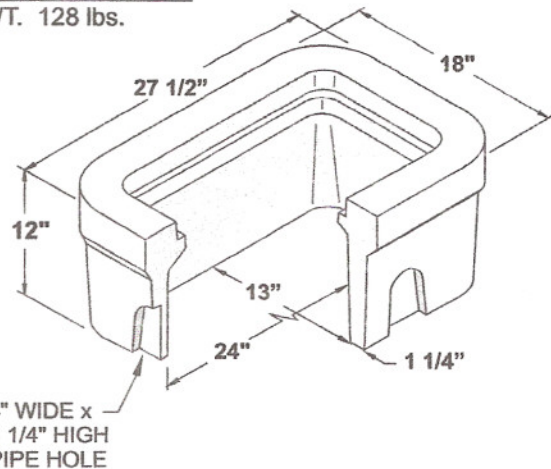
No. 38 - PB CONCRETE COVER
BOLT DOWN
 WT. 53 lbs.



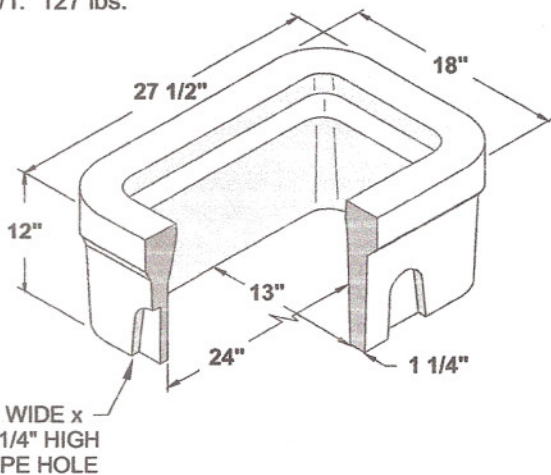
No. 38-PB STEEL COVER
(SUPERIMPOSED) BOLT DOWN
 WT. 36 lbs.



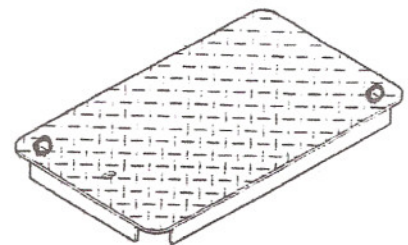
No. 38 - PB BODY
 WT. 128 lbs.



No. 38 - EXTENSION
 WT. 127 lbs.



Galvanized Steel Diamond Plate Cover



13" x 24" PULL BOX
(STATE #5 SPEC)

ORG. DWG. DATE
 04-26-95

REV. DWG. DATE
 12-06-00

BROOKS
 PRODUCTS

38PB

NO. 40-T CAST IRON
TRAFFIC COVER
WT.- 45#

BRASS "L" BOLTS &
NUTS IN DIAGONAL
CORNERS

NO. 40 COVER
WT.- 50#

GALV. STEEL
LIFT EYE

3 GA. WELDED
WIRE GRID

40 TPB STEEL GALVANIZED COVER

NO. 40 BODY
WT.- 130#

6 GA. WELDED
WIRE FRAME

12" x 22"
PULL BOX

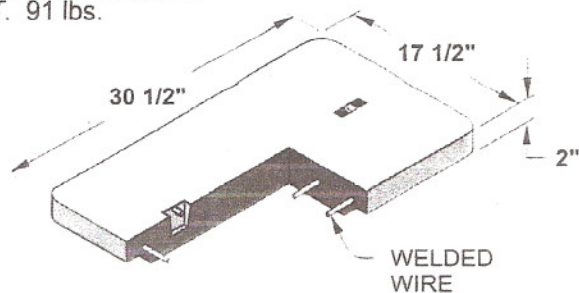
REVISED

DRAWING NUMBER

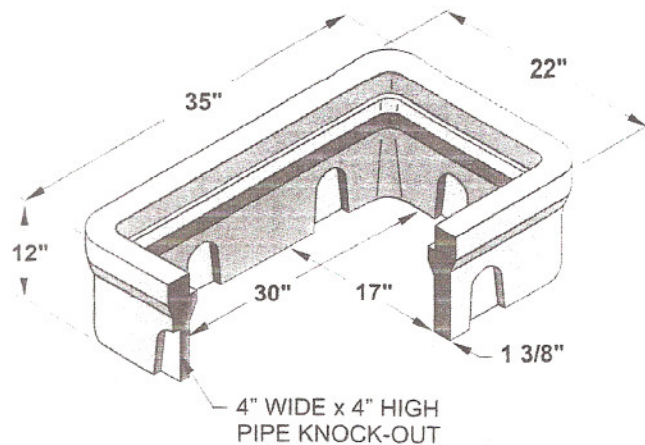
40 SERIES

BROOKS PRODUCTS

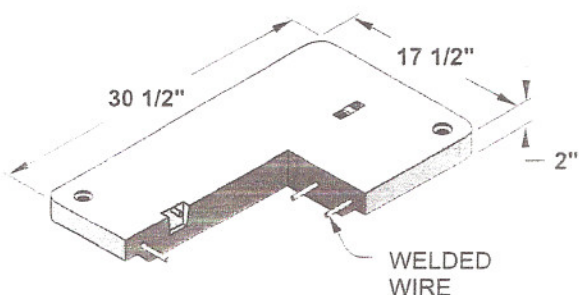
No. 66 - PB CONCRETE COVER
NON-BOLT DOWN
 WT. 91 lbs.



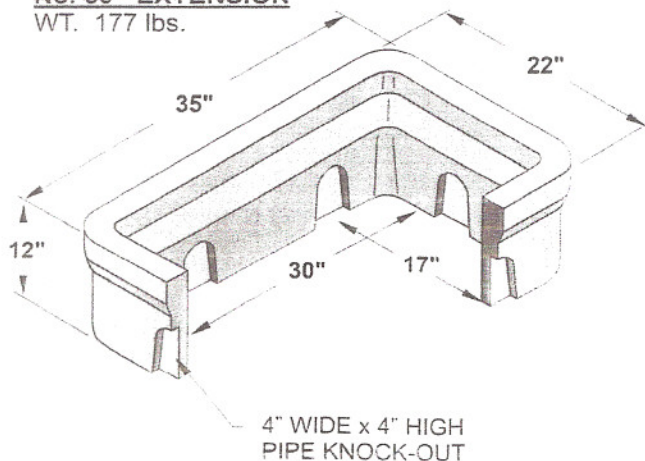
No. 66 - PB BODY
 WT. 177 lbs.



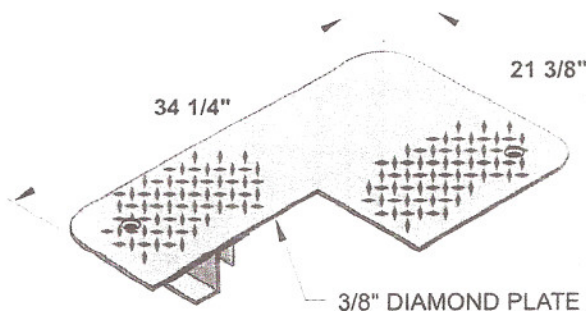
No. 66 - PB CONCRETE COVER
BOLT DOWN
 WT. 91 lbs.



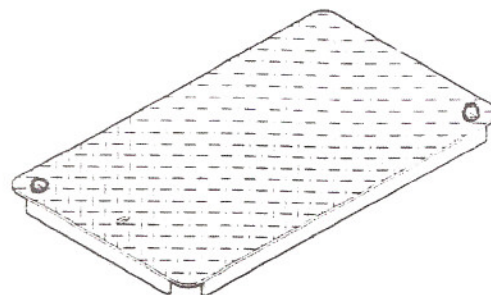
No. 66 - EXTENSION
 WT. 177 lbs.



No. 66 - PB STEEL COVER
(SUPERIMPOSED) BOLT DOWN
 WT. 80 lbs.



Galvanized Steel Diamond Plate Cover



17" x 30" PULL BOX

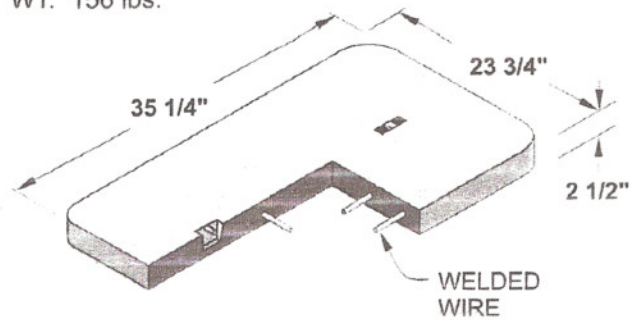
ORG. DWG. DATE
 04-26-95

REV. DWG. DATE
 12-06-00

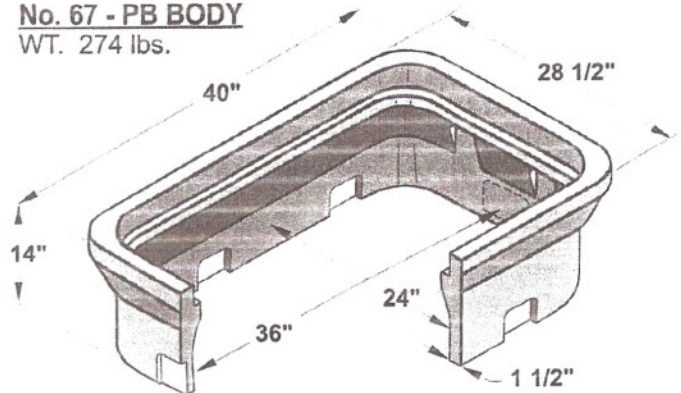
BROOKE
 PRODUCTS

66PB

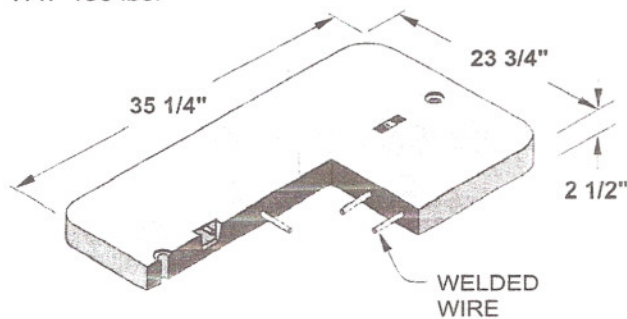
No. 67 - PB CONCRETE COVER
NON-BOLT DOWN
 WT. 156 lbs.



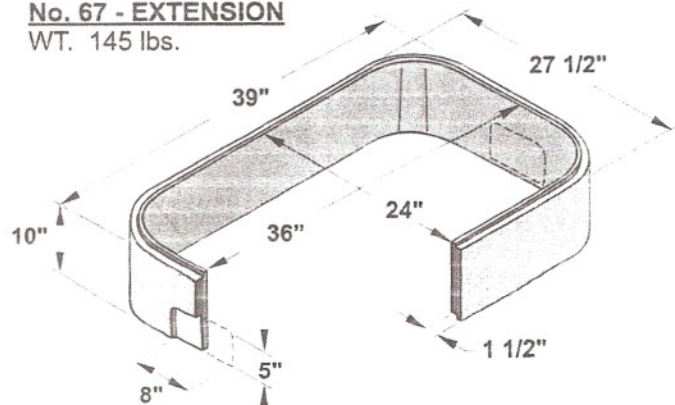
No. 67 - PB BODY
 WT. 274 lbs.



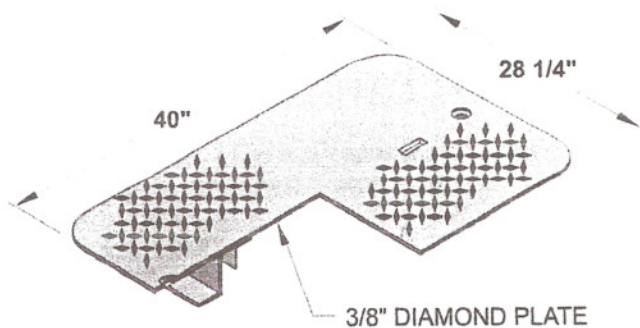
No. 67 - PB CONCRETE COVER
BOLT DOWN
 WT. 156 lbs.



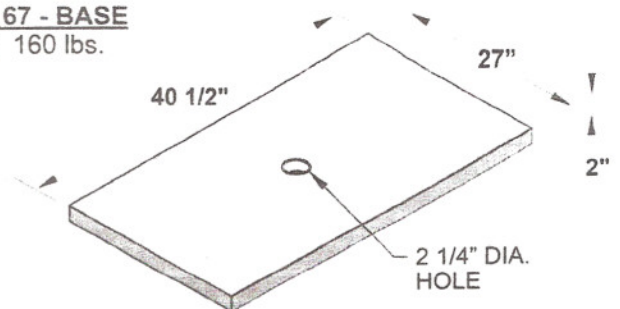
No. 67 - EXTENSION
 WT. 145 lbs.



No. 67 - PB STEEL COVER
(SUPERIMPOSED) BOLT DOWN
 WT. 115 lbs.



No. 67 - BASE
 WT. 160 lbs.



24" x 36" PULL BOX

ORG. DWG. DATE

REV. DWG. DATE

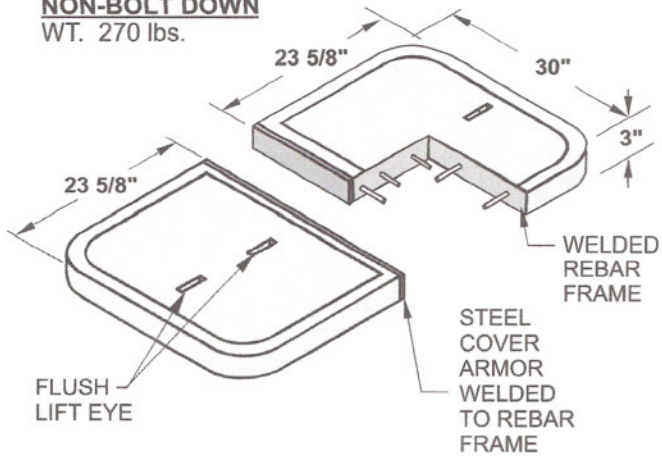
BROOKE
 PRODUCTS

67PB

No. 68 - PB CONCRETE COVER - 2 PC

NON-BOLT DOWN

WT. 270 lbs.

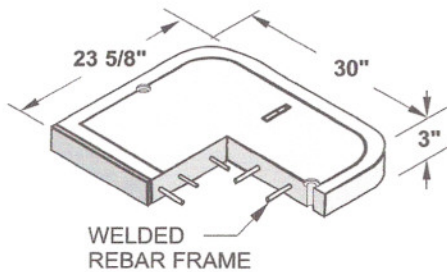


HALF COVER SHOWN
2ea. HALF COVERS ARE REQUIRED
FOR A COMPLETE COVER ASSEMBLY

No. 68 - PB CONCRETE COVER - 2 PC

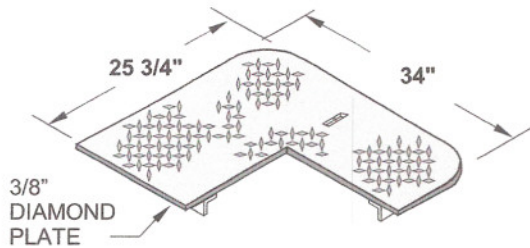
BOLT DOWN

WT. 270 lbs.



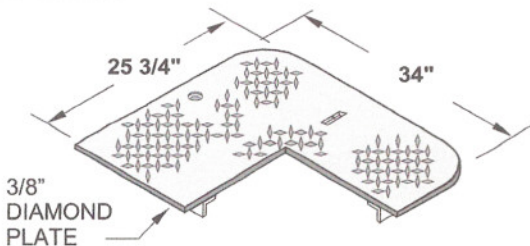
**No. 68 - PB STEEL COVER - 2 PC
(SUPERIMPOSED) NON-BOLT DOWN**

WT. 201 lbs.



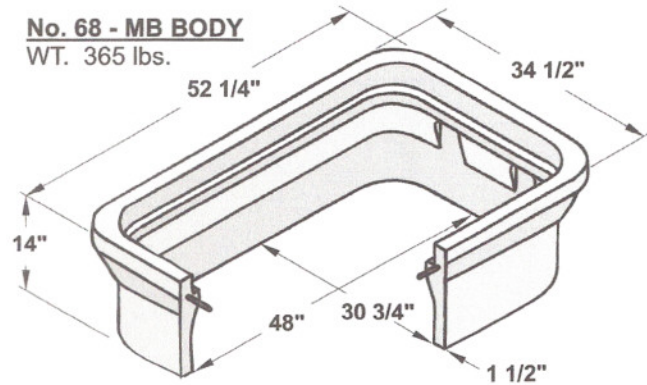
**No. 68 - PB STEEL COVER - 2 PC
(SUPERIMPOSED) BOLT DOWN**

WT. 201 lbs.



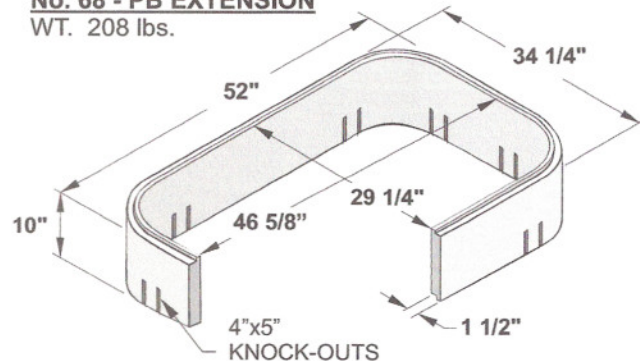
No. 68 - MB BODY

WT. 365 lbs.



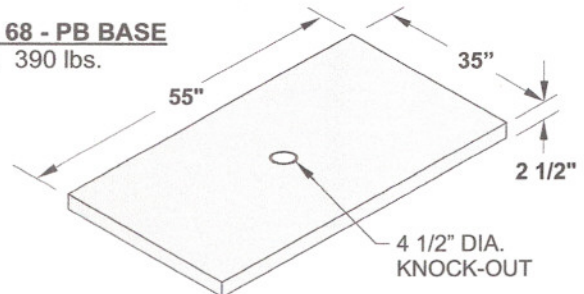
No. 68 - PB EXTENSION

WT. 208 lbs.



No. 68 - PB BASE

WT. 390 lbs.



30\" x 48\" PULL BOX

ORG. DWG. DATE
11-18-99

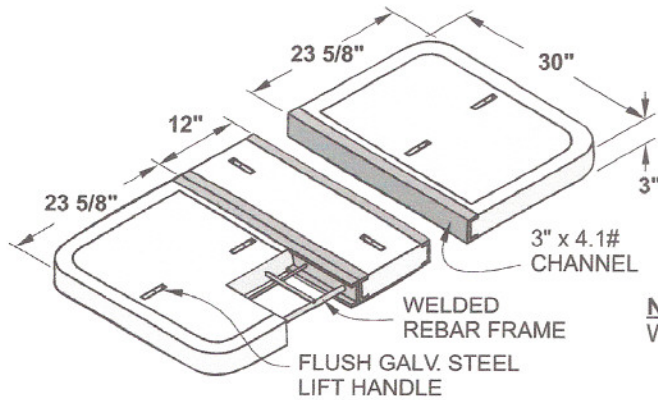
REV. DWG. DATE
04-01-03

DERO

68PB

No. 69 MB - CONCRETE COVER - 3 PC

WT. 475 lbs.



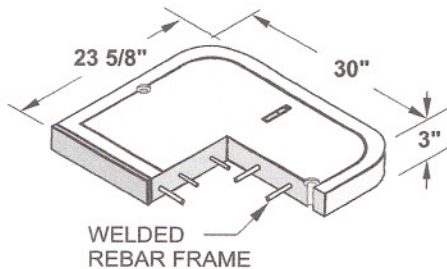
RIGHT HALF OF COVER SHOWN

CONCRETE COVERS REQUIRE 2ea. HALF COVERS AND 1ea. 12" SPACER FOR A COMPLETE COVER ASSEMBLY

STEEL COVERS REQUIRE 2ea. HALF COVERS FOR A COMPLETE ASSEMBLY

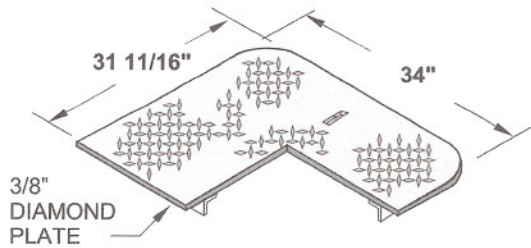
No. 69 - PB CONCRETE COVER - 3 PC BOLT DOWN

WT. 475 lbs.



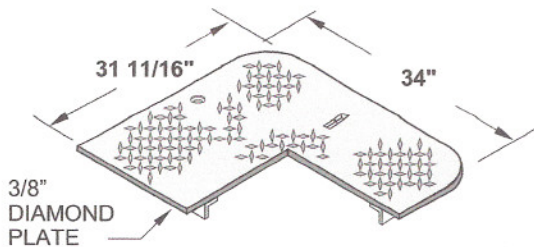
No. 68 - PB STEEL COVER - 2 PC (SUPERIMPOSED) NON-BOLT DOWN

WT. 276 lbs.



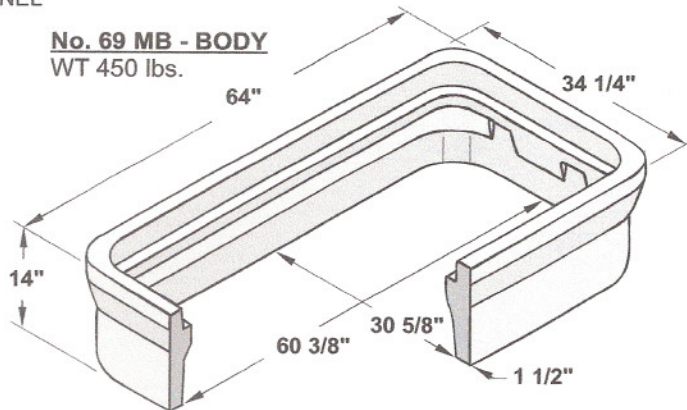
No. 69 - PB STEEL COVER - 2 PC (SUPERIMPOSED) BOLT DOWN

WT. 276 lbs.



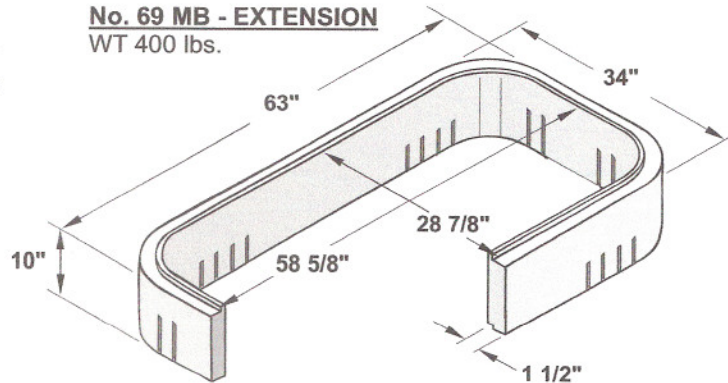
No. 69 MB - BODY

WT 450 lbs.



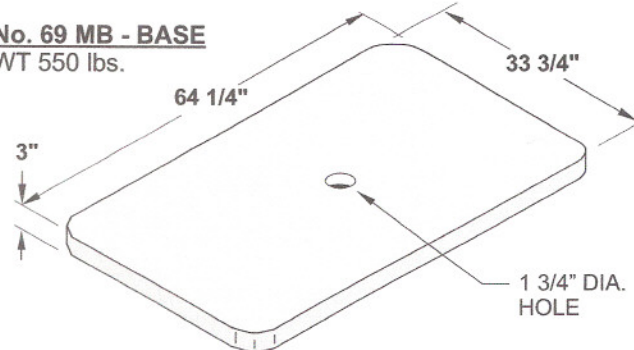
No. 69 MB - EXTENSION

WT 400 lbs.



No. 69 MB - BASE

WT 550 lbs.



30" x 60" SERVICE BOX

ORG. DWG. DATE
11-18-99

REV. DWG. DATE
04-01-03

5-BROOK

69PB

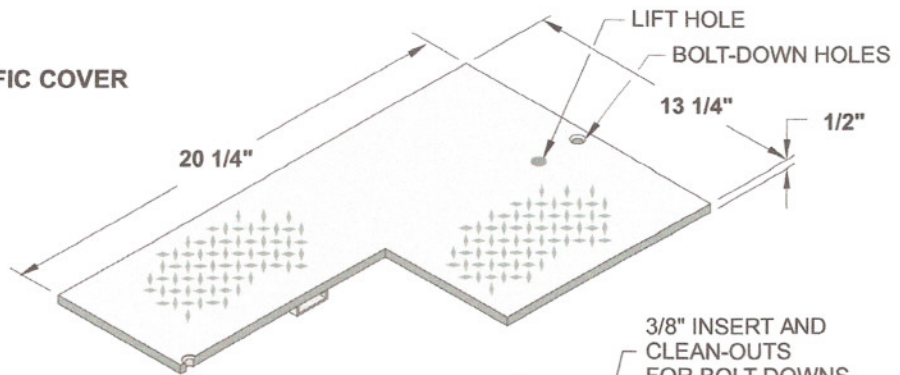


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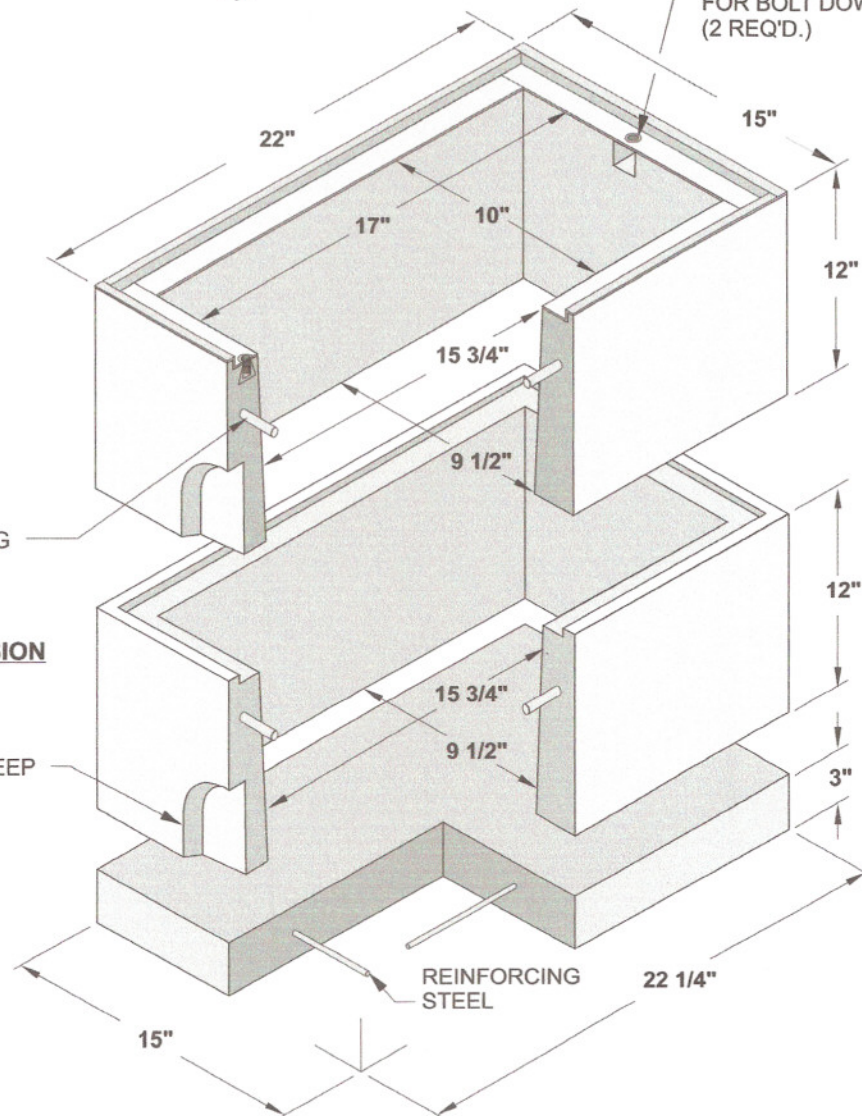
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No. 3 1/2-T PB STEEL TRAFFIC COVER
BOLT DOWN
 WT. 40 lbs.



No. 3 1/2-T PB - BODY
 WT. 160 lbs.



No. 3 1/2-T PB - EXTENSION
 WT. 157 lbs.

5" x 5 3/4" K.O. x 1 1/2" DEEP

No. 3 1/2-T PB - BASE
 WT. 80 lbs.

10" x 17"
 TRAFFIC PULL BOX
 (STATE SPEC. 3 1/2-T)

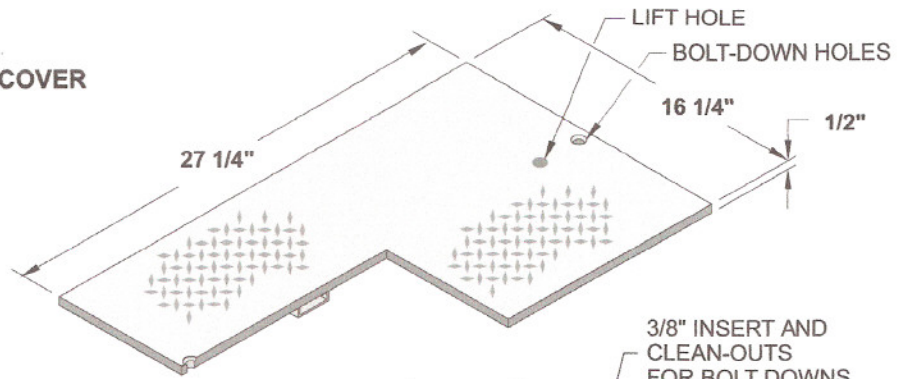
ORG. DWG. DATE
 03-29-95

REV. DWG. DATE
 12-06-00

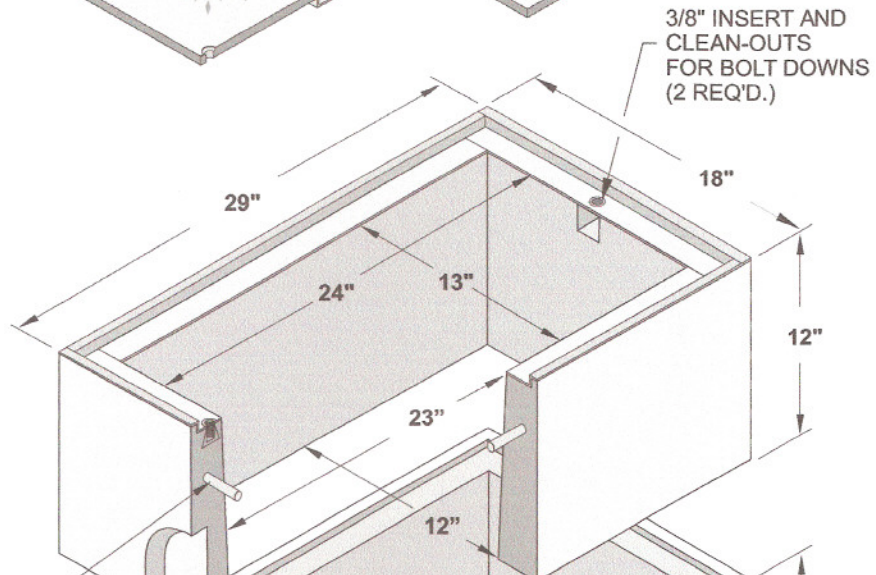
BROOKS
 PRODUCTS

3 1/2-T PB

No. 5-T PB STEEL TRAFFIC COVER
BOLT DOWN
 WT. 66 lbs.

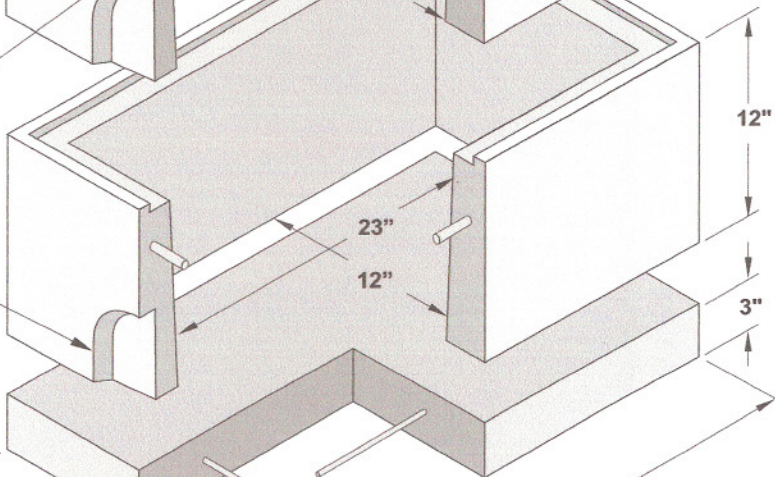


No. 5-T PB - BODY
 WT. 209 lbs.

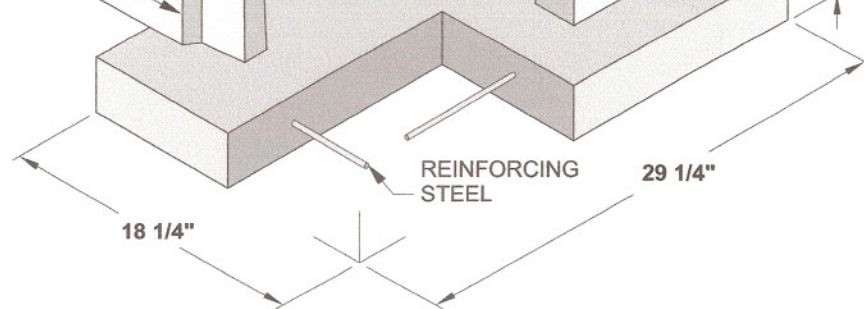


No. 5-T PB - EXTENSION
 WT. 206 lbs.

5" x 5 3/4" K.O. x 1 1/2" DEEP



No. 5-T PB - BASE
 WT. 130 lbs.



13" x 24"
 TRAFFIC PULL BOX
 (STATE SPEC. 5-T)

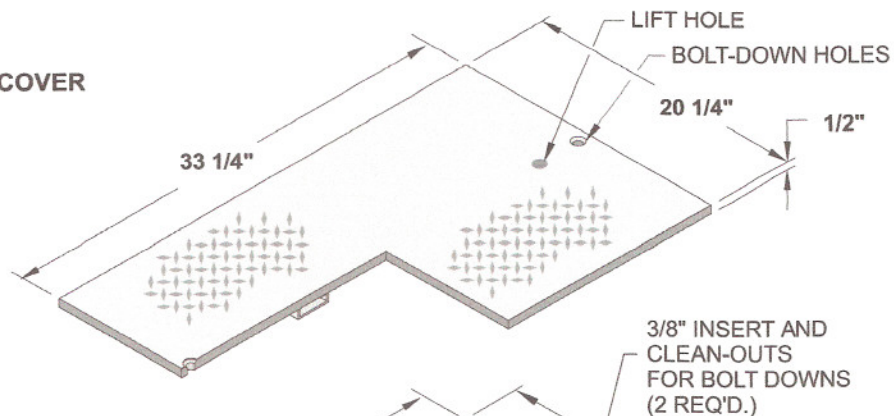
ORG. DWG. DATE
 03-29-95

REV. DWG. DATE
 12-06-00

BROOKE
 PRODUCTS

5-T PB

**No. 6-T PB STEEL TRAFFIC COVER
BOLT DOWN**
WT. 104 lbs.



No. 6-T PB - BODY
WT. 276 lbs.

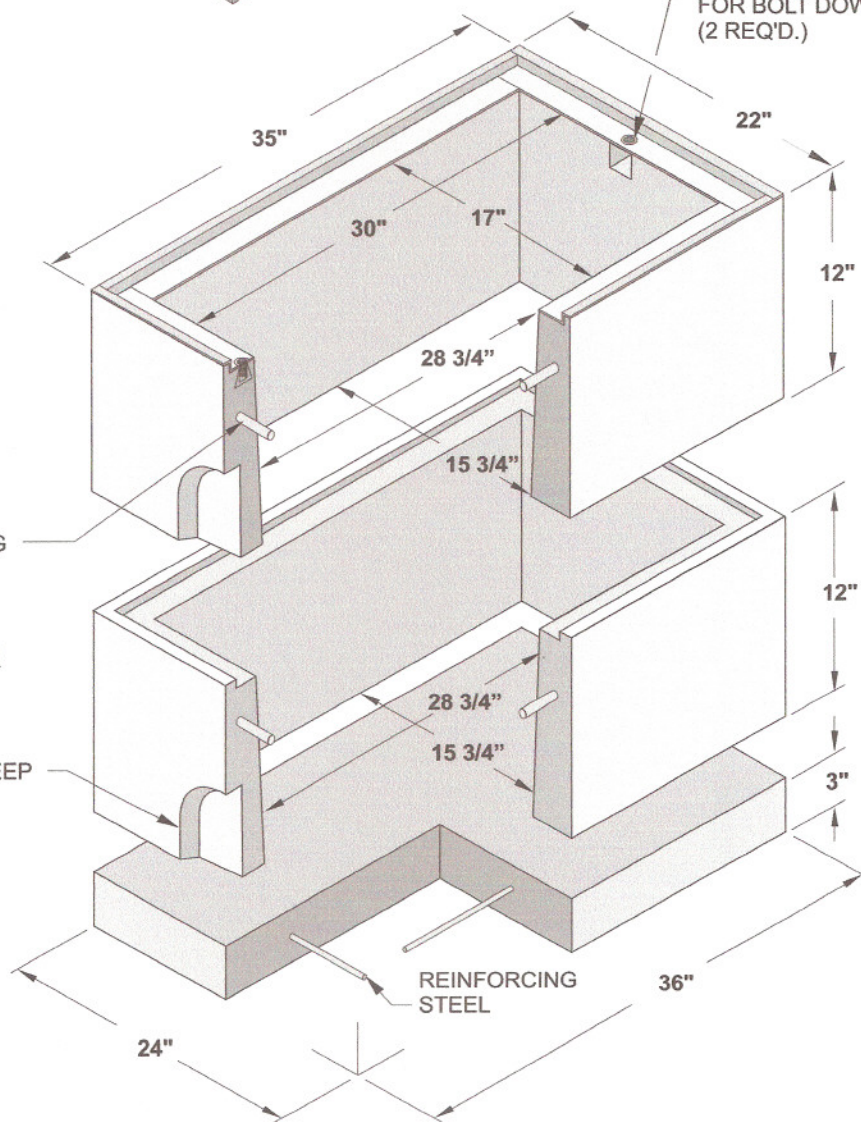
REINFORCING
STEEL

No. 6-T PB - EXTENSION
WT. 273 lbs.

5" x 5 3/4" K.O. x 1 1/2" DEEP

No. 6-T PB - BASE
WT. 207 lbs.

REINFORCING
STEEL



17" x 30"
TRAFFIC PULL BOX
(STATE SPEC. 6-T)

ORG. DWG. DATE
03-29-95

REV. DWG. DATE
12-06-00

BROOKE
PRODUCTS

6-T PB



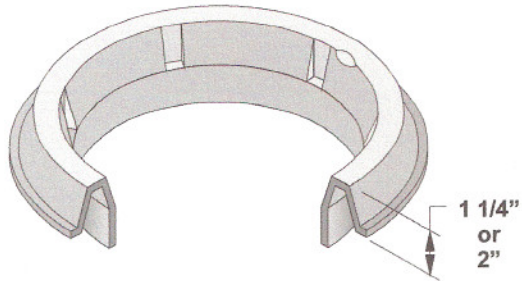
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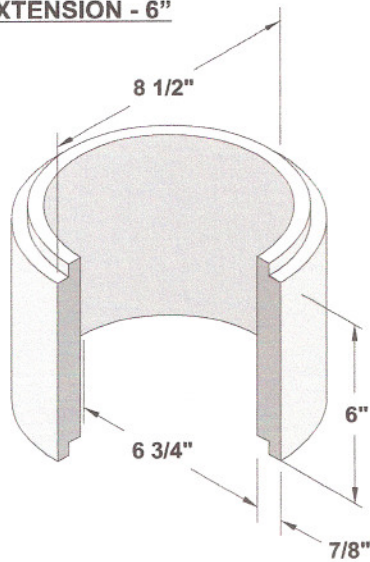
No. 1-RT - RISER RING - 1 1/4"

WT. 15 lbs.



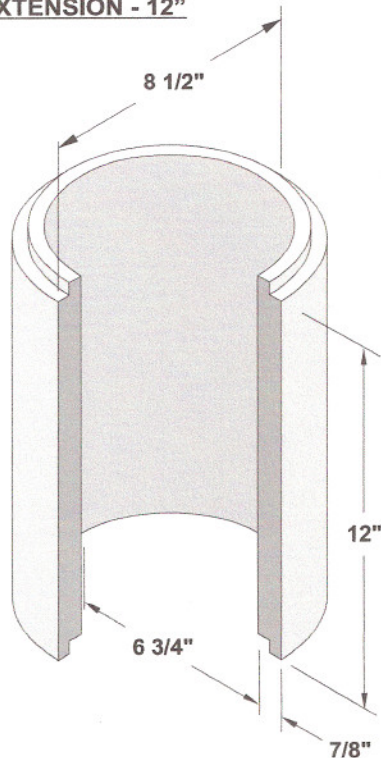
No. 1-RT - EXTENSION - 6"

WT. 10 lbs.



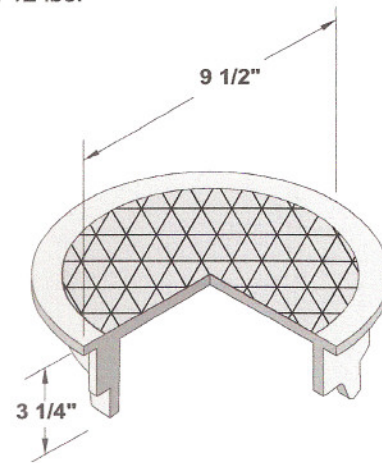
No. 1-RT - EXTENSION - 12"

WT. 19 lbs.



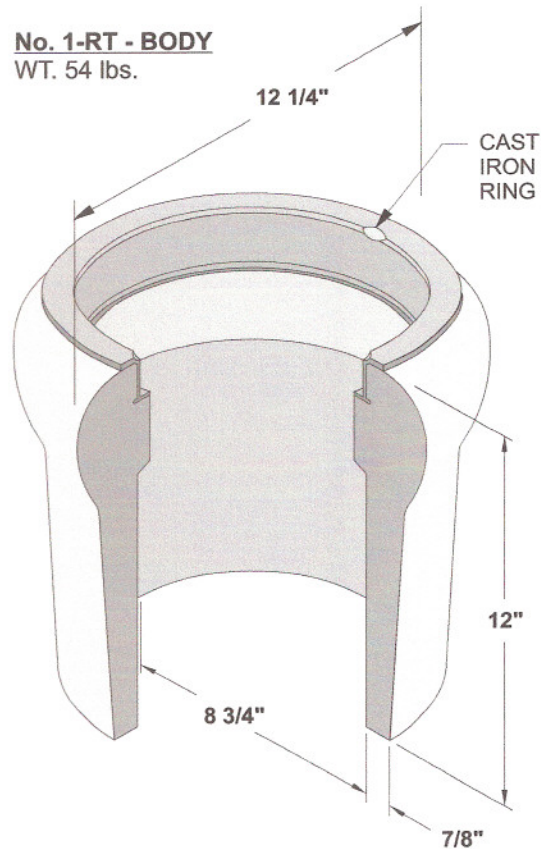
No. 1-RT-CI COVER

WT. 12 lbs.



No. 1-RT - BODY

WT. 54 lbs.



8 3/4" Dia. x 12"
TRAFFIC VALVE BOX

ORG. DWG. DATE
01-11-96

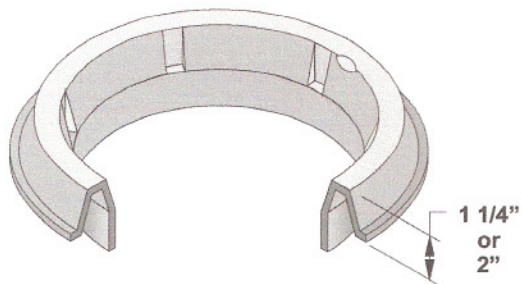
REV. DWG. DATE
11-13-00

BROOKS
PRODUCTS

1-RT

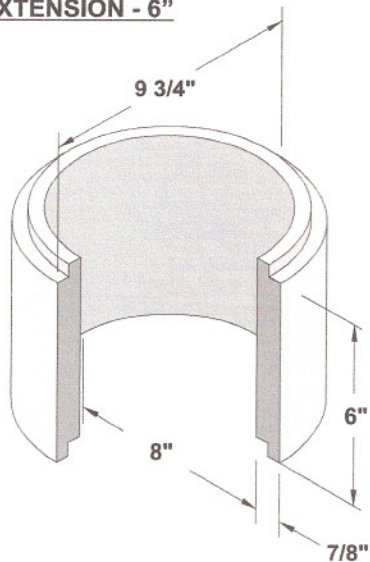
No. 3-RT - RISER RING - 1 1/4"

WT. 15 lbs.



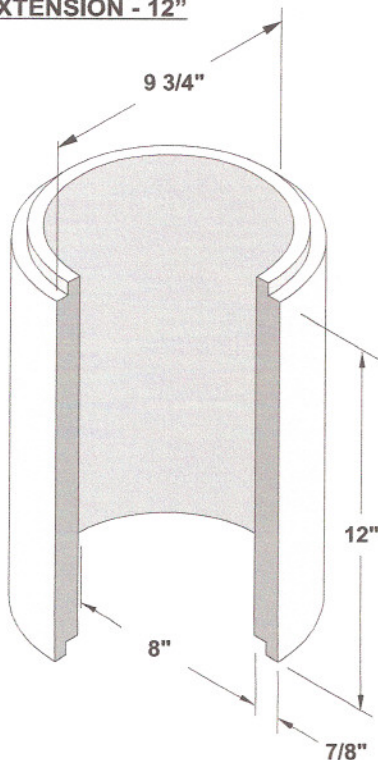
No. 3-RT - EXTENSION - 6"

WT. 13 lbs.



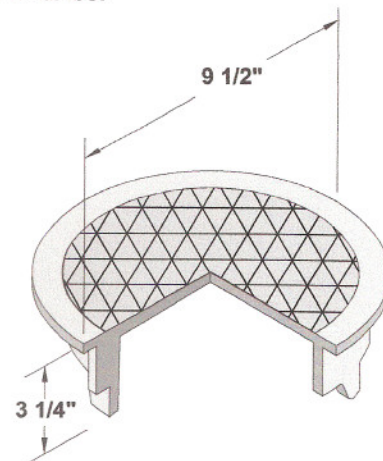
No. 3-RT - EXTENSION - 12"

WT. 23 lbs.



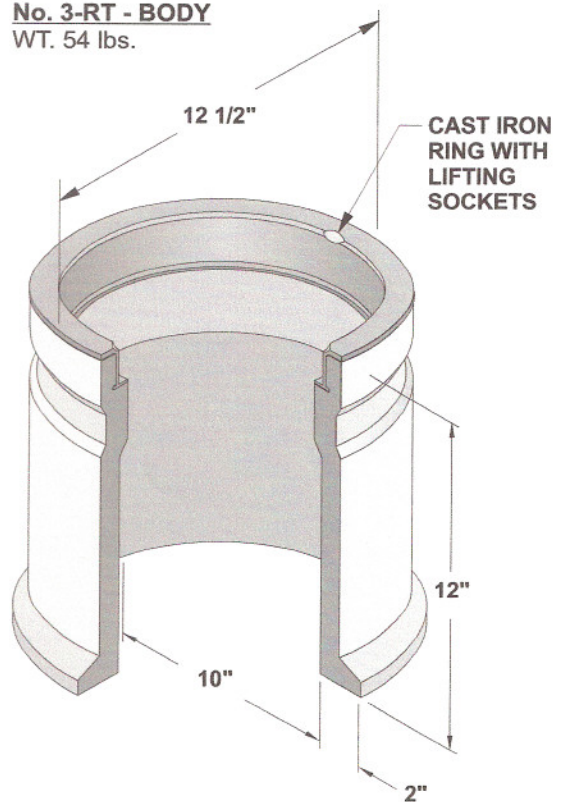
No. 3-RT-CI COVER

WT. 12 lbs.



No. 3-RT - BODY

WT. 54 lbs.



10" Dia. x 12"
TRAFFIC VALVE BOX

ORG. DWG. DATE
01-11-96

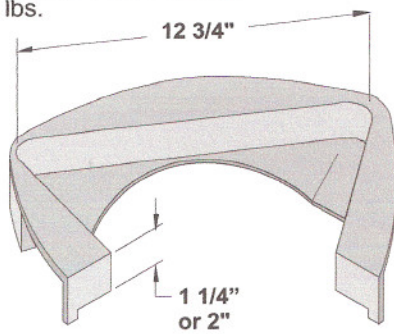
REV. DWG. DATE
08-17-00

BROOKE
PRODUCTS

3-RT

No. 4-TT - RISER RING - 1 1/4"

WT. 12 lbs.

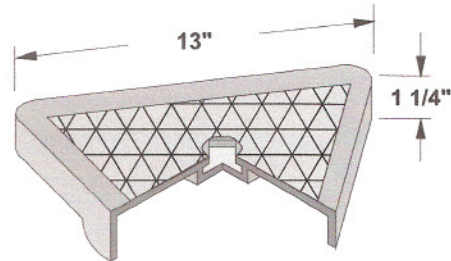


No. 4-TT - RISER RING - 2"

WT. 13 lbs.

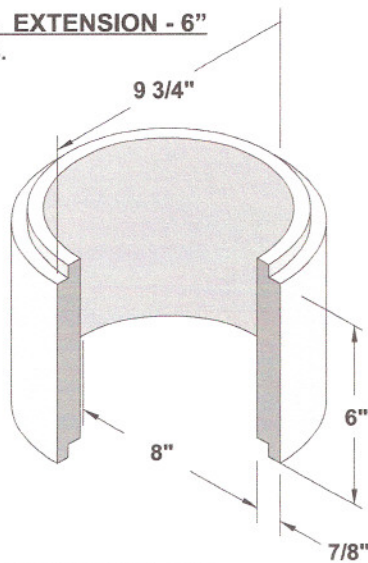
No. 4-TT-CI COVER

WT. 12 lbs.



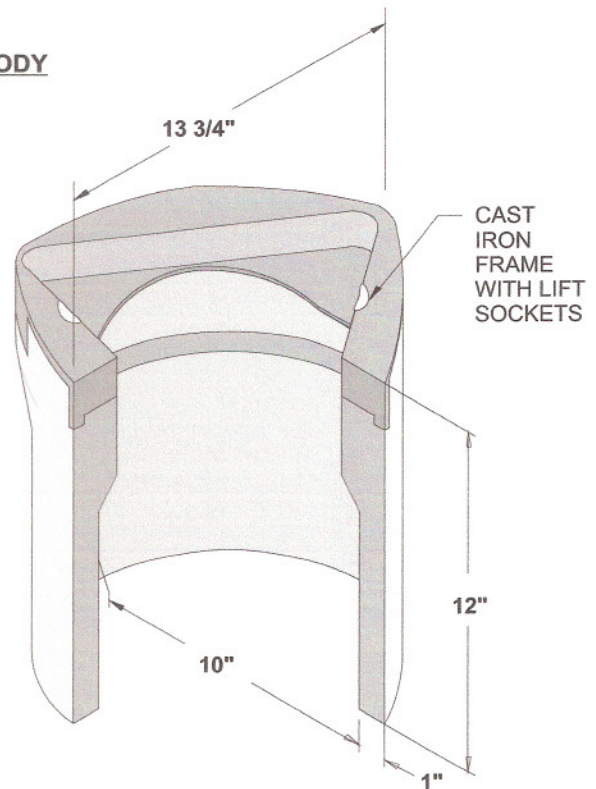
No. 4-TT - EXTENSION - 6"

WT. 13 lbs.



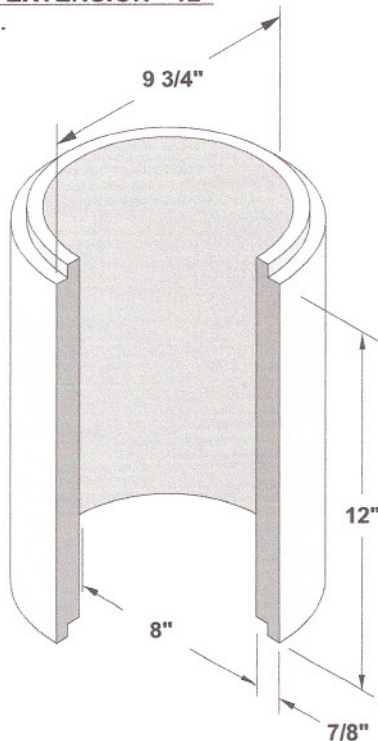
No. 4-TT BODY

WT. 58 lbs.



No. 4-TT - EXTENSION - 12"

WT. 23 lbs.



10 1/4" Dia. x 12"
TRAFFIC VALVE BOX

ORG. DWG. DATE
05-18-95

REV. DWG. DATE
08-17-00

BROOKE
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4-TT



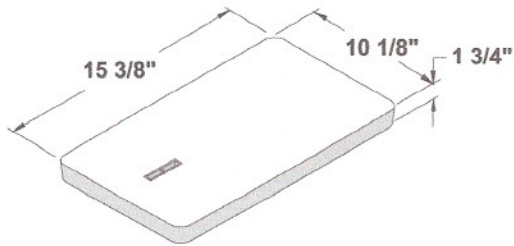
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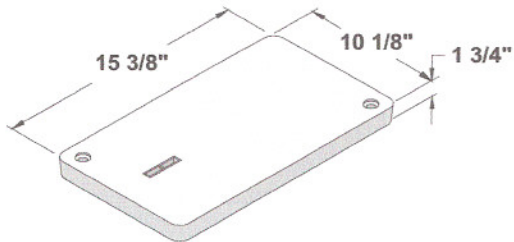
No. J-1771 CONCRETE COVER (NON-BOLT DOWN)

WT. 19 lbs.



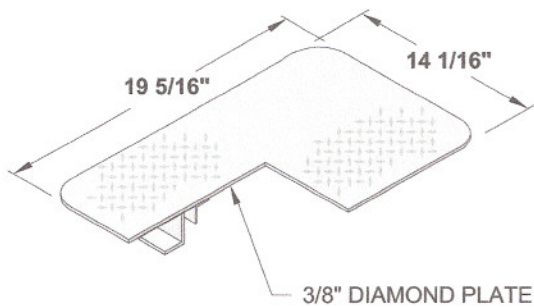
No. J-1771 CONCRETE COVER (BOLT DOWN)

WT. 19 lbs.



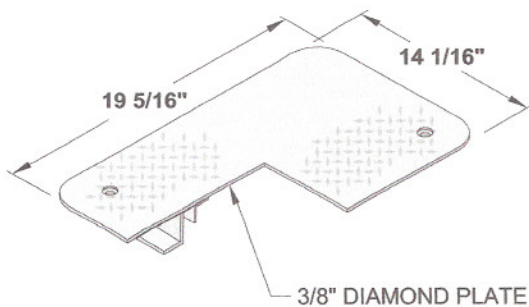
No. J-1771 STEEL COVER (NON-BOLT DOWN)

WT. 30 lbs.



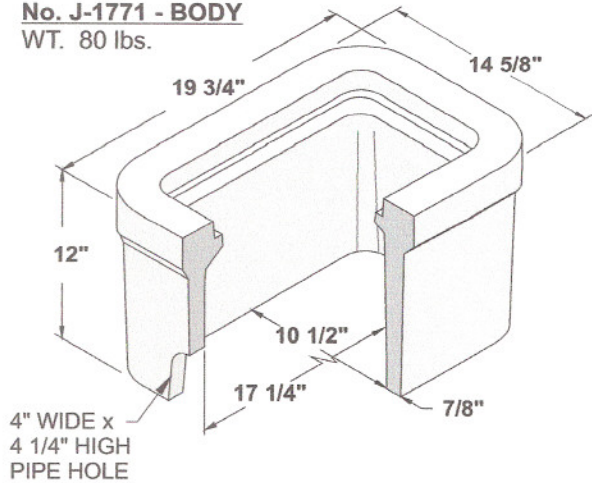
No. J-1771 STEEL COVER (BOLT DOWN)

WT. 30 lbs.



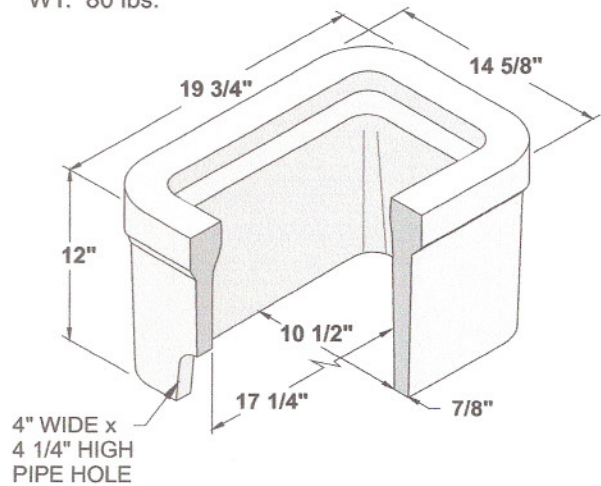
No. J-1771 - BODY

WT. 80 lbs.



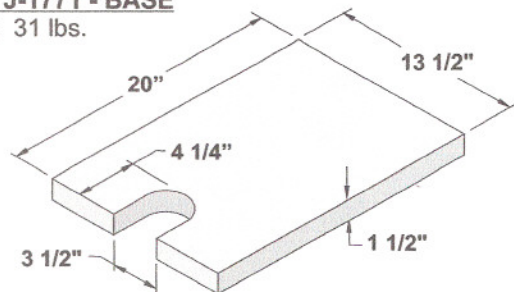
No. J-1771 - EXTENSION

WT. 80 lbs.



No. J-1771 - BASE

WT. 31 lbs.



10 1/2" x 17 1/2"
TELEPHONE BOX

ORG. DWG. DATE
12-09-99

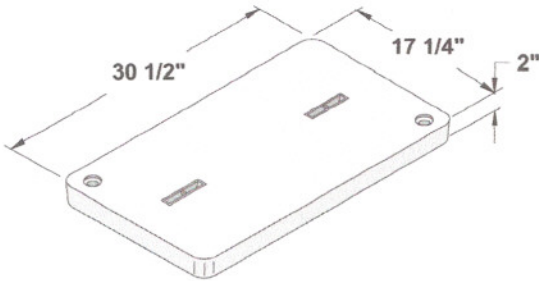
REV. DWG. DATE
04-01-03



J-1771/PTS-1017

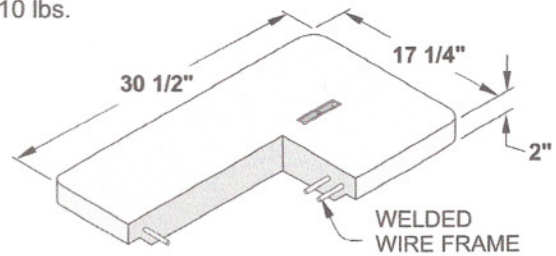
No. K-2862 CONCRETE COVER (BOLT DOWN)

WT. 109 lbs.



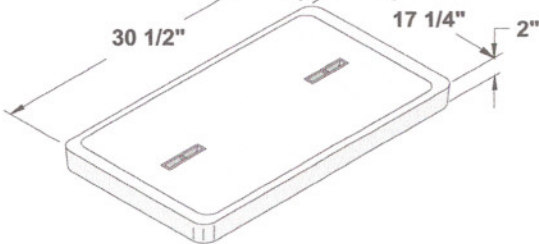
No. K-2862 - CONCRETE COVER

WT. 110 lbs.



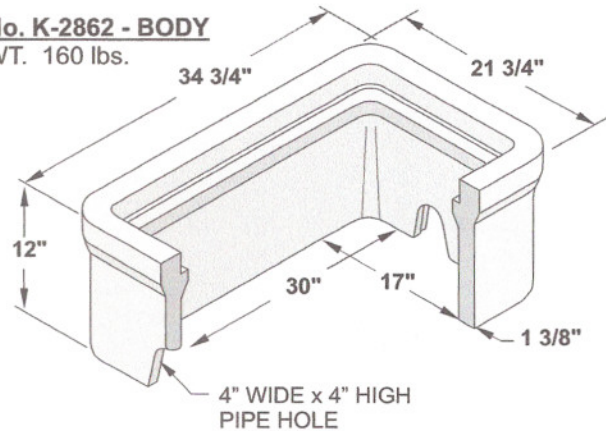
No. K-2862 POLYMER COVER

WT. 104 lbs.



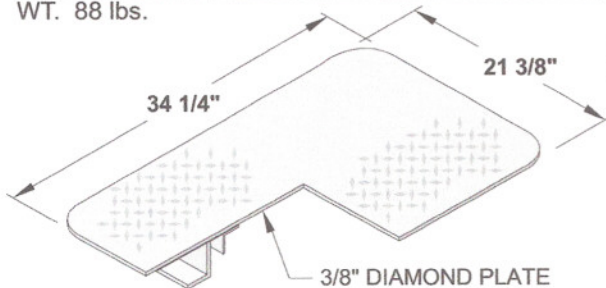
No. K-2862 - BODY

WT. 160 lbs.



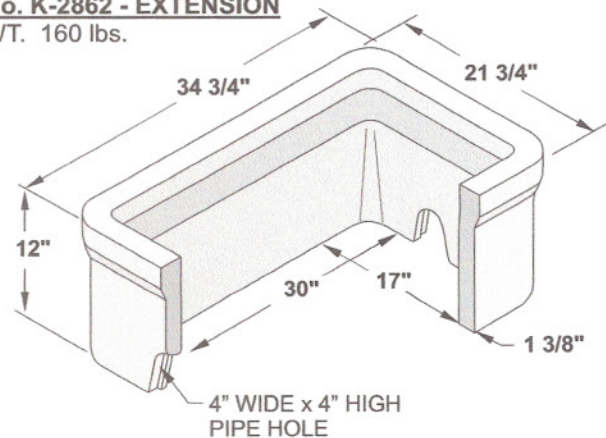
No. K-2862 - T STEEL COVER (NON-BOLT DOWN)

WT. 88 lbs.



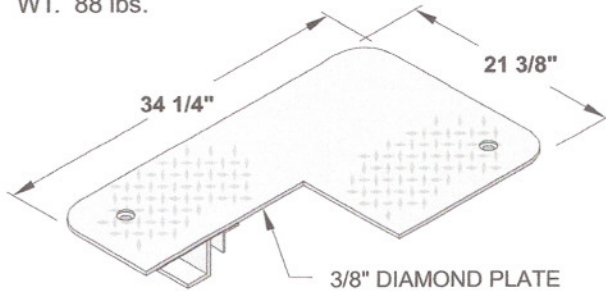
No. K-2862 - EXTENSION

WT. 160 lbs.



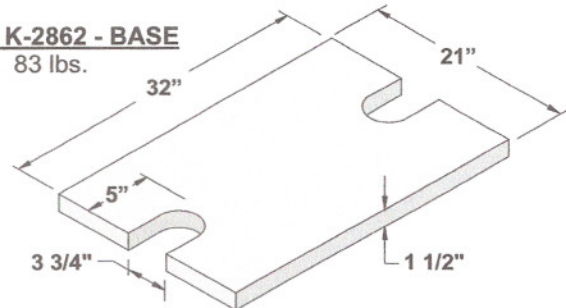
No. K-2862 - T STEEL COVER (BOLT DOWN)

WT. 88 lbs.



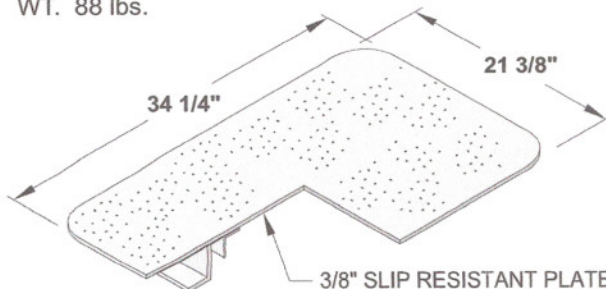
No. K-2862 - BASE

WT. 83 lbs.



No. K-2862 SLIP RESISTANT STEEL COVER

WT. 88 lbs.



17" x 30"
TELEPHONE BOX

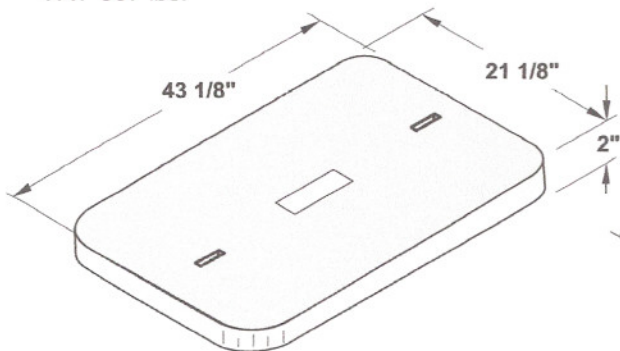
ORG. DWG. DATE
12-09-99

REV. DWG. DATE
04-01-03

K-2862/PTS-1730

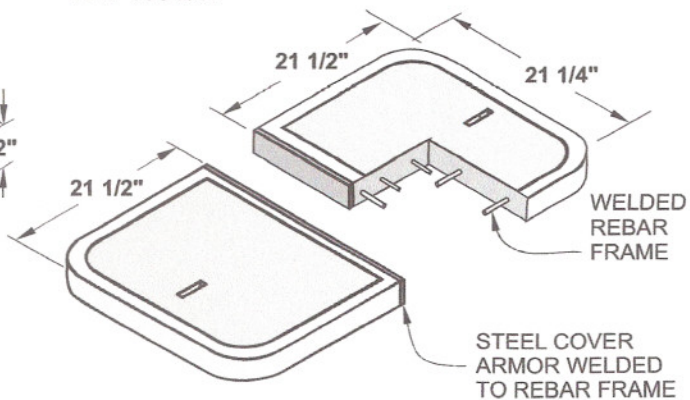
No. K-4047 - 1 PC POLYMER COVER

WT. 307 lbs.



No. K-4047 2 PC (NON-BOLT DOWN)

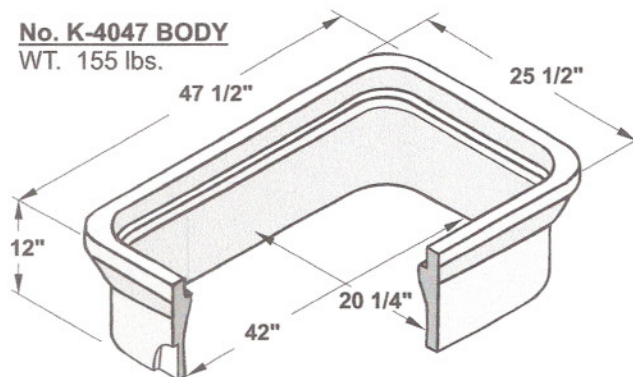
WT. 160 lbs.



STEEL HALF COVERS SHOWN
2ea. HALF COVERS ARE REQUIRED FOR A
COMPLETE COVER ASSEMBLY

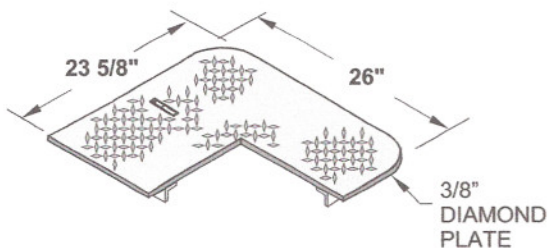
No. K-4047 BODY

WT. 155 lbs.



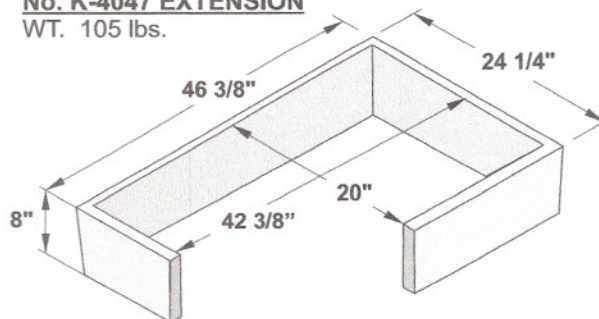
No. K-4047 - T 2 PC (SUPERIMPOSED)

WT. 125 lbs.



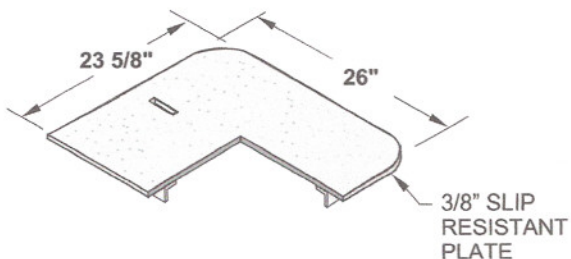
No. K-4047 EXTENSION

WT. 105 lbs.



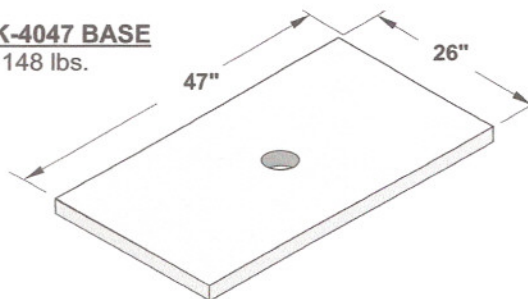
No. K-4047K - SR SLIP RESISTANT (SUPERIMPOSED)

WT. 125 lbs.



No. K-4047 BASE

WT. 148 lbs.



20" x 42"
TELEPHONE BOX

ORG. DWG. DATE
12-09-99

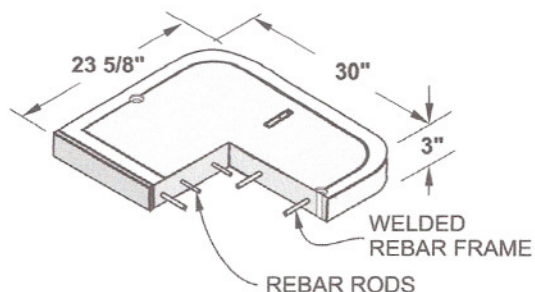
REV. DWG. DATE
04-01-03



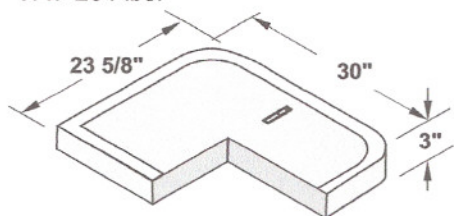
K-4047/PTS2042

HALF COVER SHOWN
2ea. HALF COVERS ARE REQUIRED FOR A
COMPLETE COVER ASSEMBLY

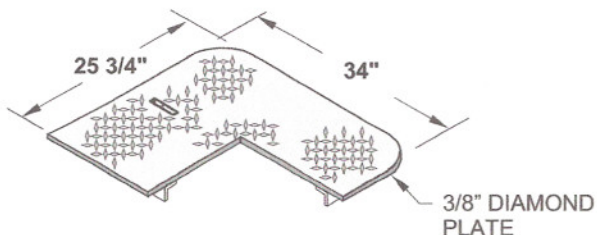
No. C-3185 CONCRETE - 2 PC (BOLT-DOWN)
WT. 270 lbs.



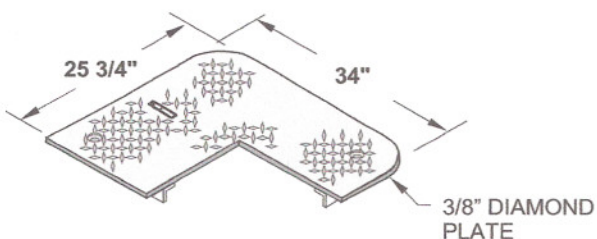
No. C-3185 POLYMER COVER - 2 PC
WT. 264 lbs.



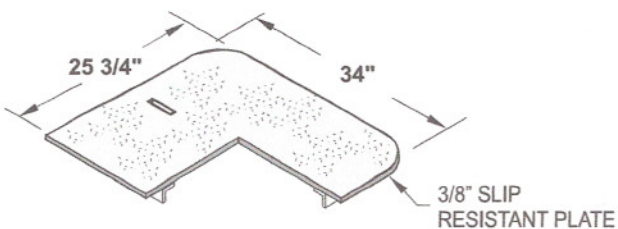
No. C-3185 - T (SUPERIMPOSED) NON-BOLT DOWN
WT. 201 lbs.



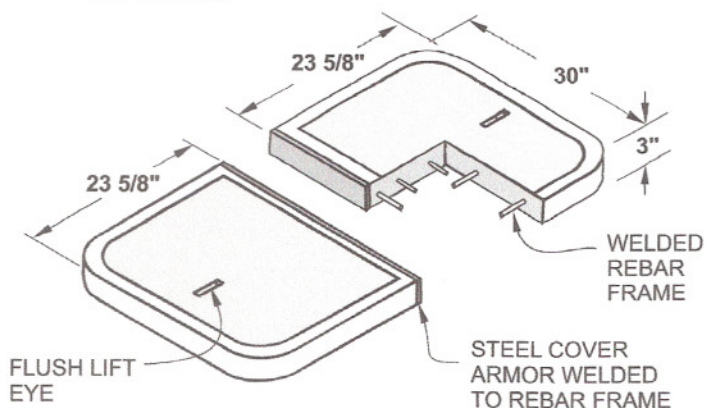
No. C-3185-T (SUPERIMPOSED) BOLT DOWN
WT. 201 lbs.



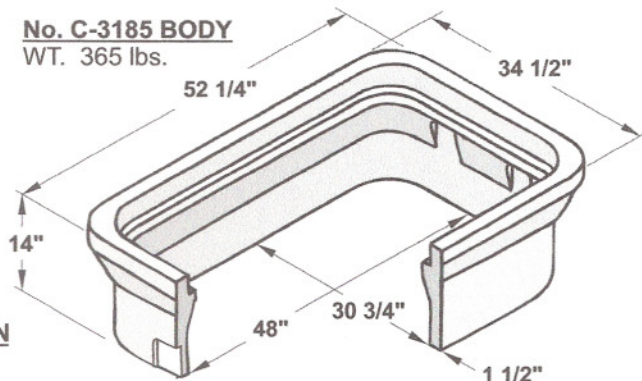
No. C-3185-T SLIP RESISTANT (SUPERIMPOSED)
WT. 201 lbs.



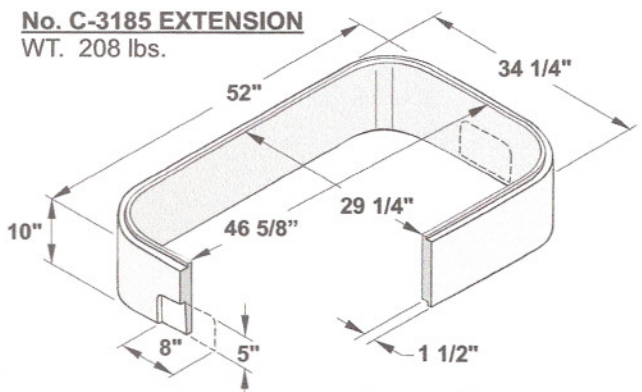
No. C-3185 CONCRETE - 2 PC (NON-BOLT DOWN)
WT. 270 lbs.



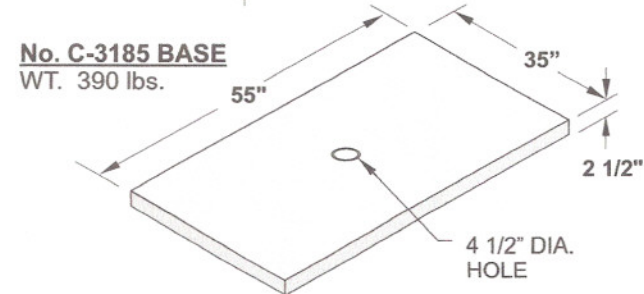
No. C-3185 BODY
WT. 365 lbs.



No. C-3185 EXTENSION
WT. 208 lbs.



No. C-3185 BASE
WT. 390 lbs.



30" x 48"
TELEPHONE BOX

ORG. DWG. DATE
12-09-99

REV. DWG. DATE
04-01-03



C-3185/PTS-3048

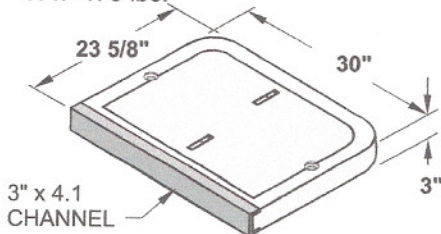
RIGHT HALF OF COVER SHOWN

CONCRETE COVERS REQUIRES :
2ea. HALF COVERS AND 1ea. 12" SPACER FOR A COMPLETE COVER ASSEMBLY

STEEL & POLY COVERS REQUIRES :
2ea. HALF COVERS FOR A COMPLETE ASSEMBLY

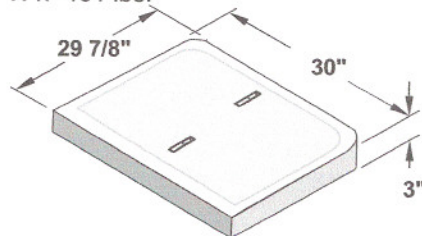
No. 69-PB CONCRETE COVER - 3 PC (BOLT DOWN)

WT. 475 lbs.



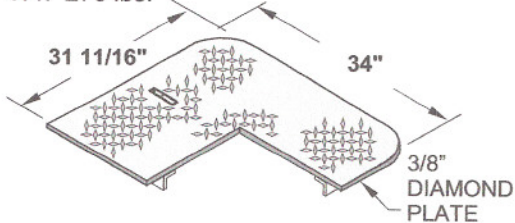
No. 69-PB POLYMER COVER

WT. 461 lbs.



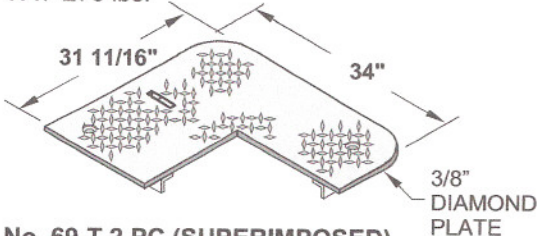
No. 69-T 2 PC (SUPERIMPOSED) NON-BOLT DOWN

WT. 276 lbs.



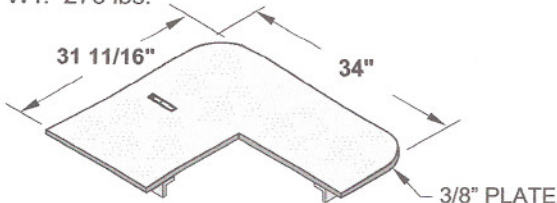
No. 69-T 2 PC (SUPERIMPOSED) BOLT DOWN

WT. 276 lbs.



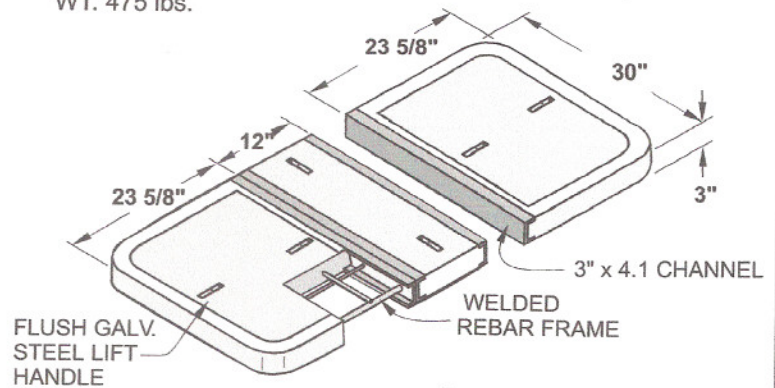
No. 69-T 2 PC (SUPERIMPOSED) SLIP RESISTANT

WT. 276 lbs.



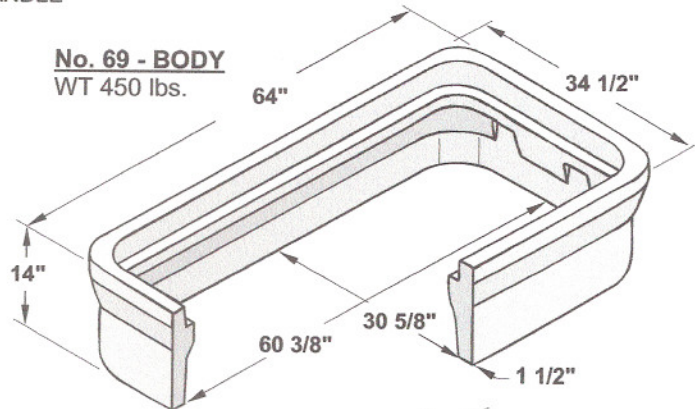
No. 69 - CONCRETE COVER - 3 PC (COMPLETE)

WT. 475 lbs.



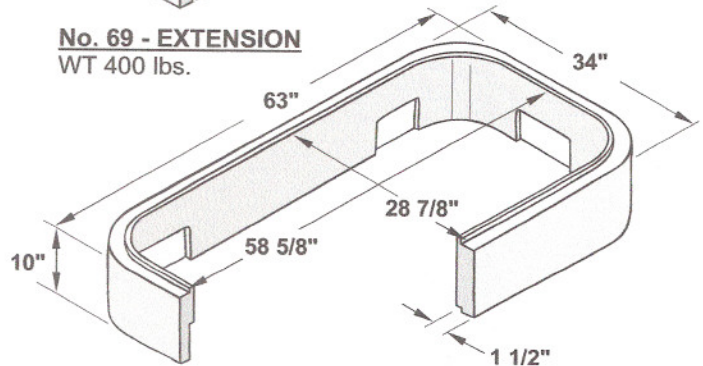
No. 69 - BODY

WT 450 lbs.



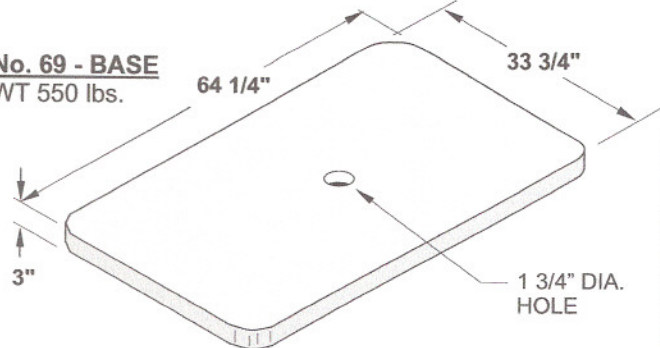
No. 69 - EXTENSION

WT 400 lbs.



No. 69 - BASE

WT 550 lbs.



30" x 60"
TELEPHONE BOX

ORG. DWG. DATE
12-09-99

REV. DWG. DATE
04-01-03



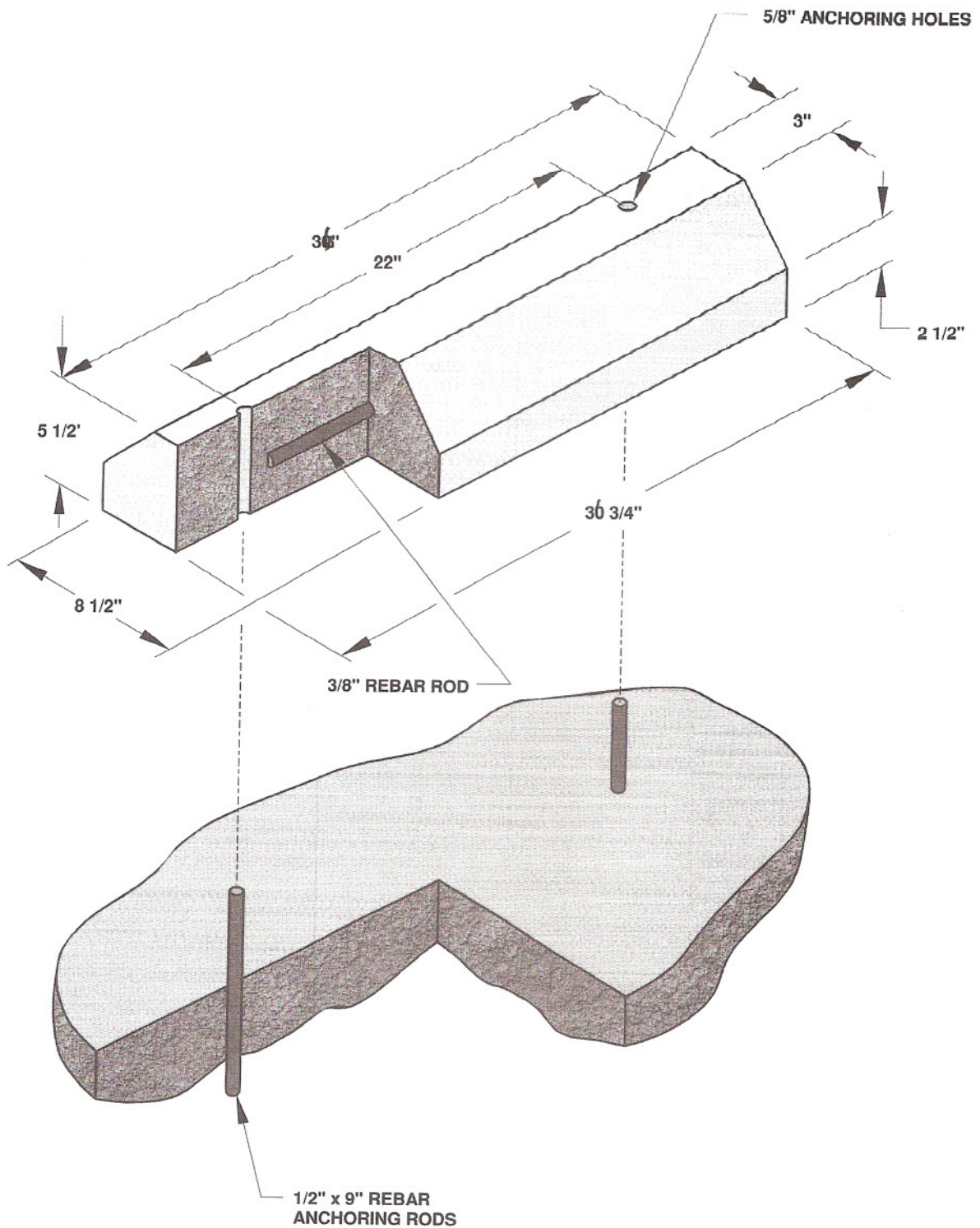
#69 / PTS-3060



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MISCELLANEOUS

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TEL: (503) 254-2910 FAX: (503) 262- 9673



WT. 90 LBS.

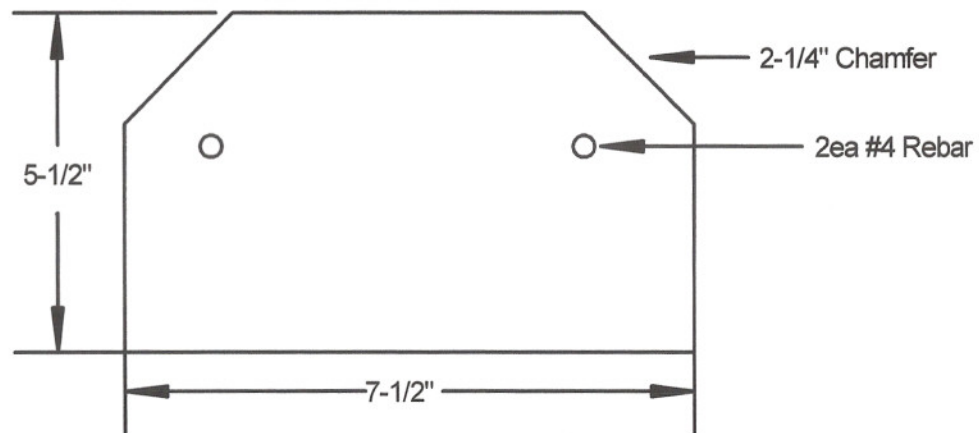
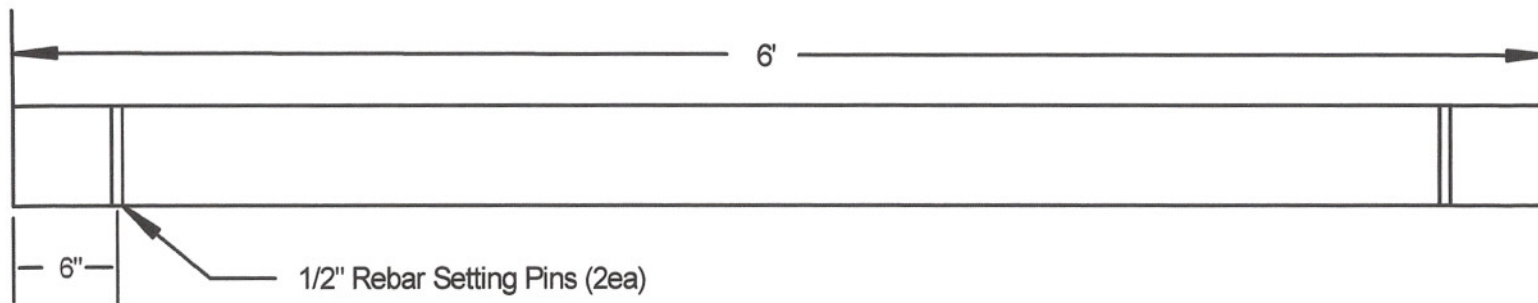
8" x 36" - 5 1/2" HIGH
CONC. PARKING STOP

BROOKE
PRODUCTS

ORG. DWG. DATE
08-09-95

REV. DWG. DATE

PARKING STOP



PARKING CURB

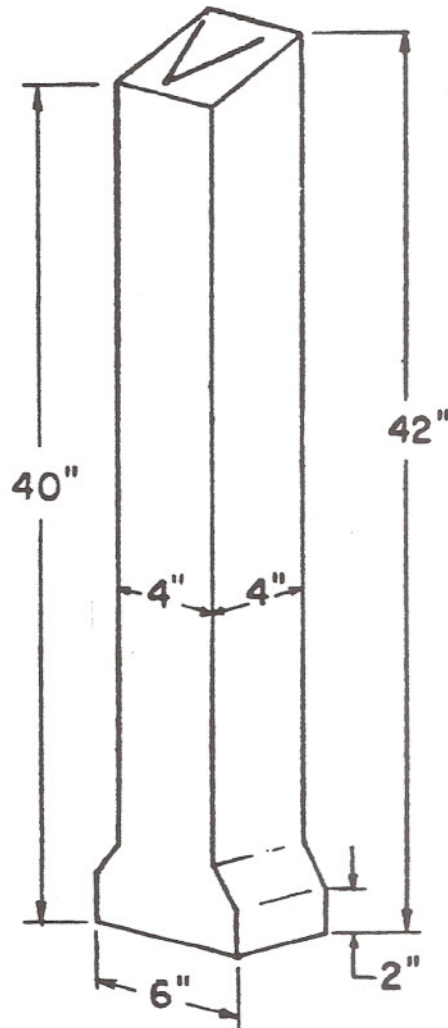
BROOKS
PRODUCTS

PART NO: 7-1/2" x 72" x 5-1/2" HIGH

DATE 6/10/10

75 G-2 VALVE MARKER

WT. = 61 #



REINFORCED WITH NO. 3
REBAR

VALVE MARKER

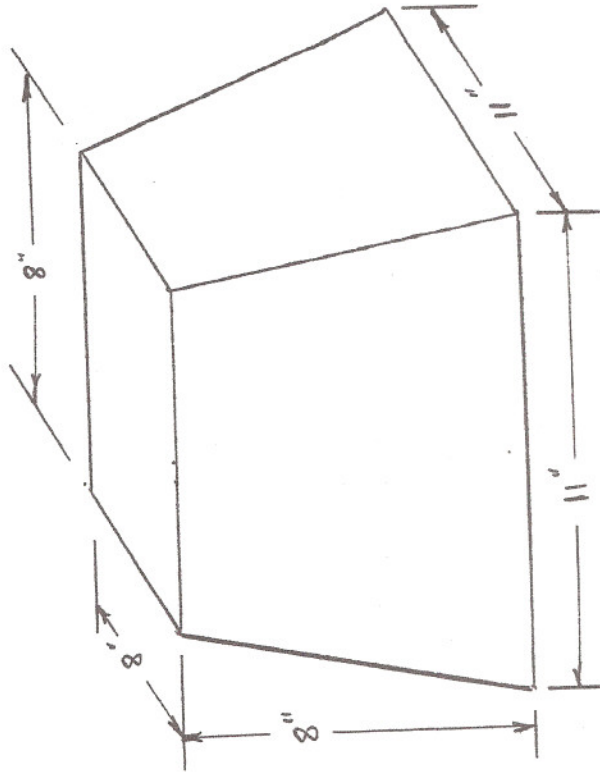
REVISED

DRAWING NUMBER

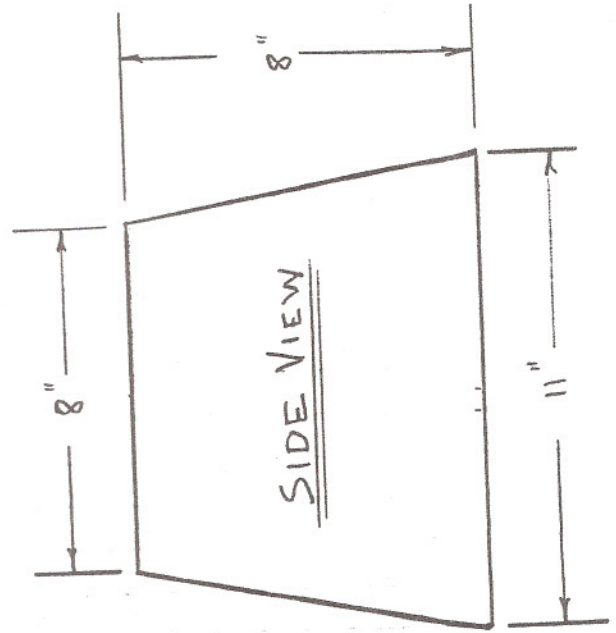
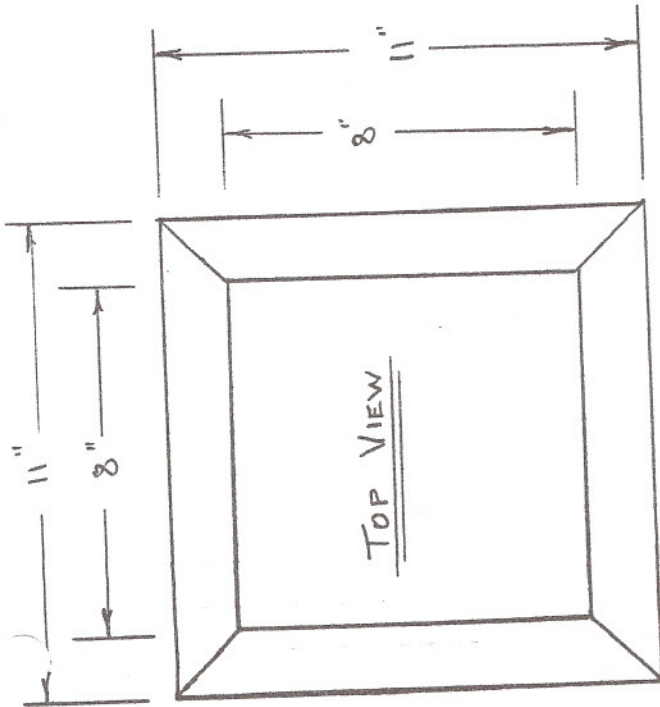
75 G-2

BROOKS PRODUCTS INC.

BROOKS PRODUCTS
10404 N.E. MARX STREET
PORTLAND, OR 97220
TEL: (503) 254-2910
FAX: (503) 262-9673



PIER BLOCK

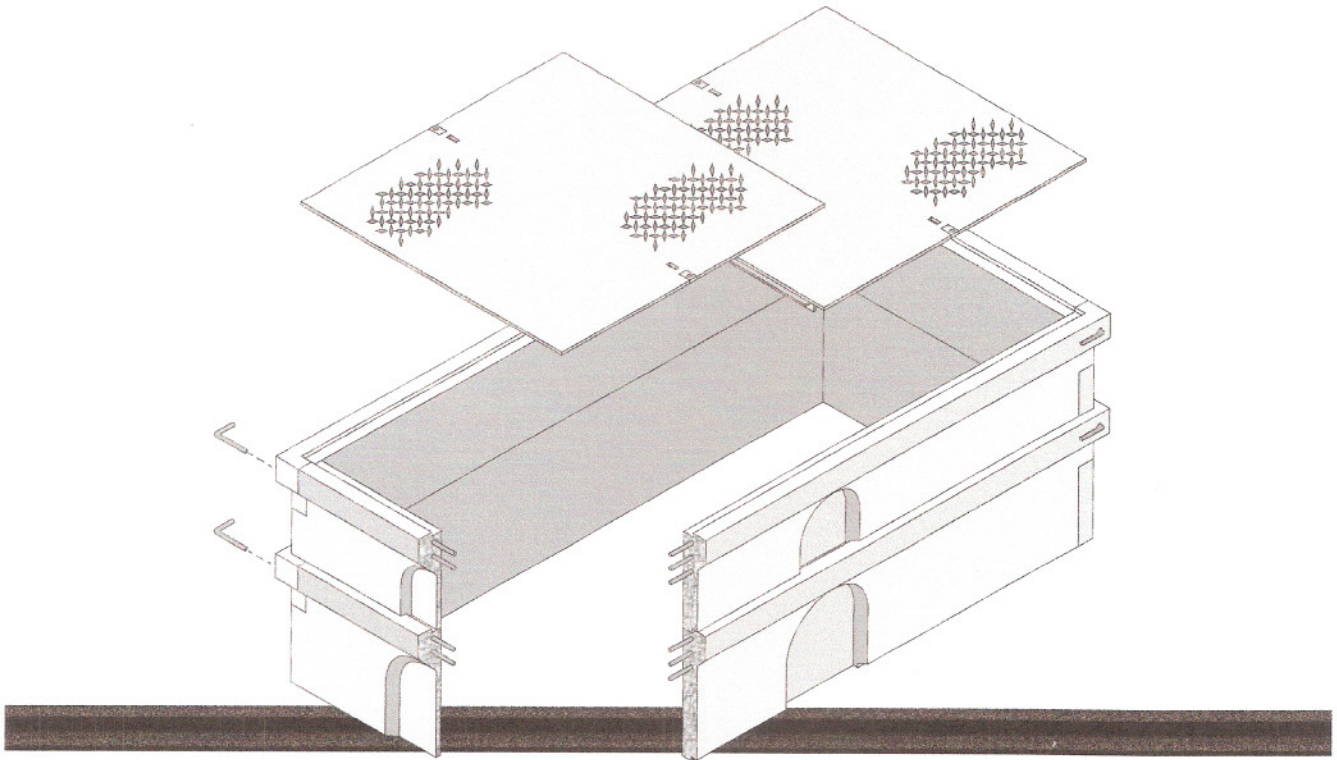




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SECTIONAL VAULTS

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A sectional vault to facilitate housing of large meters. More practical and less costly than a vault poured on the job, this vault offers wide flexibility as to dimension, yet is fabricated from standard precast sections available from open stock. Use of this vault results in important savings when specified for industrial installations. Breakaway webs are molded into each plate and can be knocked out where pipe slots are desired. Side plates are flared at the top to form a cover support and to help anchor meter vault at a fixed grade in the soil.

Sectional, Horizontally and Vertically. Each tier rests in cover seat of the tier below, thus assuring proper alignment. Tiers securely bolt together at corners with galvanized angle bolts.

Tiers are rectangular. Individual plates are stocked in 2', 3', 4', 5', and 6' lengths. Plates provide vault with inside dimensions $2\frac{1}{2}$ " less than plate length. For example: Use 3' and 4' plates results in vault with inside dimensions of $2'-9\frac{1}{2}" \times 3'-9\frac{1}{2}"$.

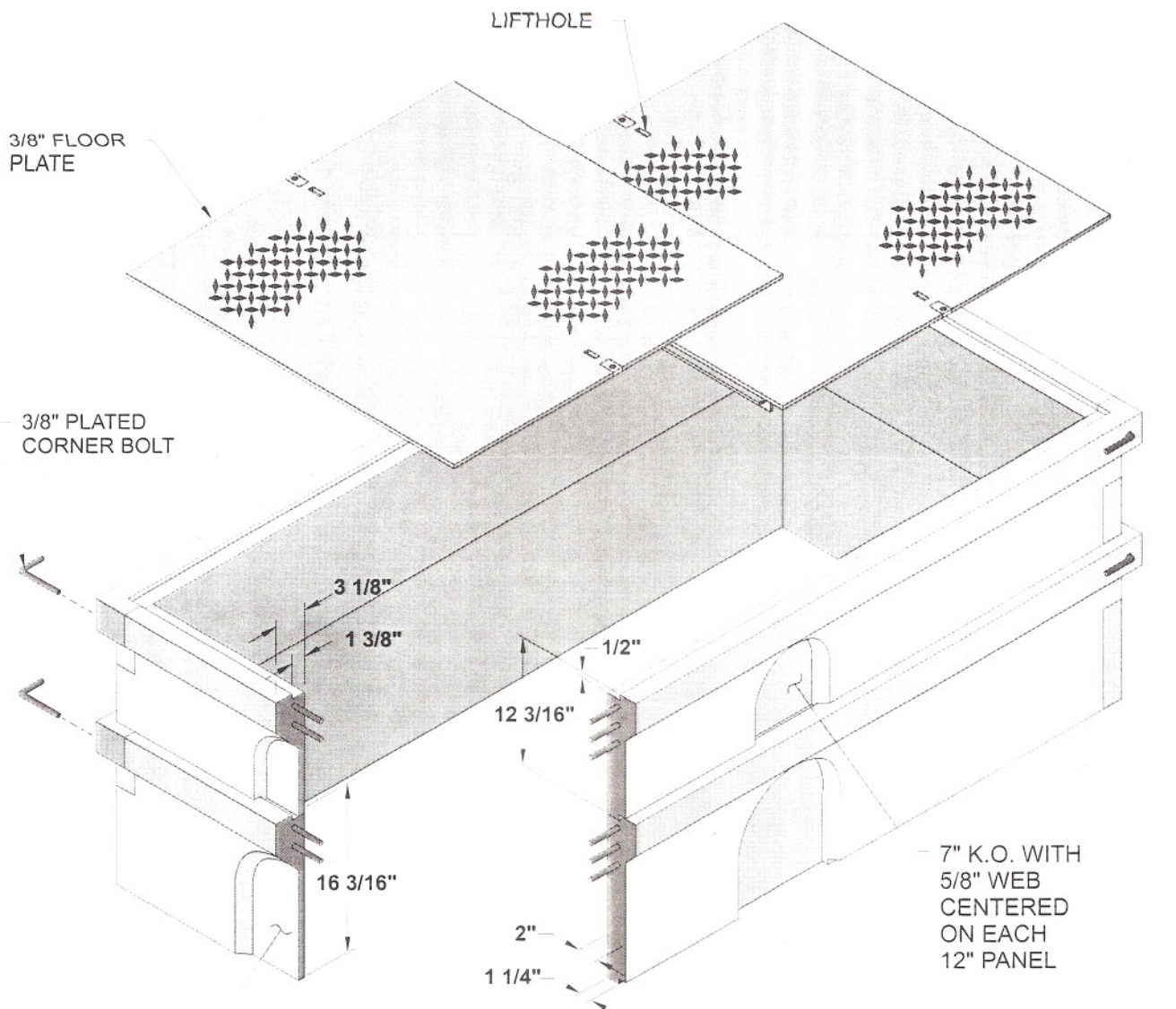
Tiers available in two depths 12" and 16", thus permitting greater adaptability as to depth of service.

3" to 8" inclusive. Vault will accommodate all makes and the majority of types. Vault can be furnished with or without one or two piece $\frac{3}{8}"$ steel floor plate cover to customer's specification.

Cast iron, to fit in $7\frac{3}{4}"$ dia. opening in cover, or $\frac{3}{8}"$ steel floor plate if special size. Location as specified by customer.

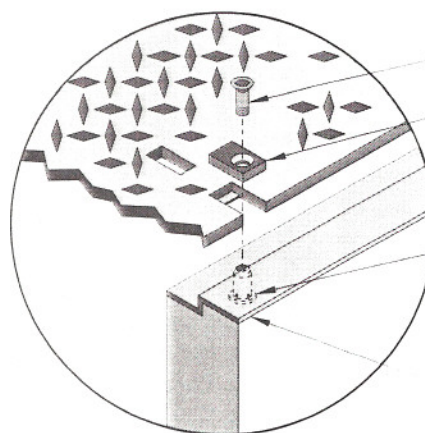
When required, special plates are available having an armored top surface to which the cover may be secured by cadmium-plated machine screws.

BROOKS
PRODUCTS



— 10\" K.O. WITH 5/8\" WEB
CENTERED ON EACH
16\" PANEL

— 7\" K.O. WITH
5/8\" WEB
CENTERED
ON EACH
12\" PANEL



PLATED 3/8\" F.H.
SOCKET SCREW

GALV. C.I. LUG

3/8\" INSERT

— 12 GA. ARMOR

NOTES:

- ☐ COVERS CAN BE FURNISHED
W/ 7 1/2\" ROUND OR 7\" x 14\"
RECT. READING LID
- ☐ NO K.O. ON 6\" STANDARD
PANEL
- ☐ K.O. OMITTED OR CHANGED
ON REQUEST

DETAIL: ARMORED TOP SECTION
WITH BOLT DOWN COVER

700 SERIES SECTIONAL
METER VAULT DATA

ORG. DWG. DATE
04-27-95

REV. DWG. DATE
03-23-00

BROOKE
PRODUCTS

700 SERIES

CAT. NO.	INSIDE DIMENSION	WT. PER. TIER		WT. PER TIER		MAX. DEPTH	OVER-ALL SIZE	TOTAL WEIGHT	NO. PCS.	SIZE PER PIECE	WEIGHT PER PIECE
		12" DEPTH	16" DEPTH	12" DEPTH	16" DEPTH						
722	21 1/2" x 21 1/2"	212	292	53	73	96	24" x 24"	103	1	24" x 24"	68
723	21 1/2" x 33 1/2"	266				96	24" x 36"	103	1	24" x 36"	103
724	21 1/2" x 45 1/2"	312				96	24" x 48"	139	1	24" x 48"	139
725	21 1/2" x 57 1/2"	366				72	24" x 60"	170	1	24" x 60"	170
726	21 1/2" x 69 1/2"	446				68	24" x 72"	206	2	24" x 36"	103
727	21 1/2" x 81 1/2"					48	24" x 84"	381	1 1	24" x 36" 24" x 48"	103 139
733	33 1/2" x 33 1/2"	320		80	100	96	36" x 36"	160	2	18" x 36"	80
734	33 1/2" x 45 1/2"	366				96	36" x 48"	206	2	24" x 36"	103
735	33 1/2" x 57 1/2"	422				72	36" x 60"	258	2	30" x 36"	129
736	33 1/2" x 69 1/2"	500				68	36" x 72"	306	1	36" x 36"	154
737	33 1/2" x 81 1/2"					48	36" x 84"	361	1 2	24" x 36" 30" x 36"	103 129
738	33 1/2" x 93 1/2"					32	36" x 96"	412	1 2	36" x 36" 30" x 36"	154 129
744	45 1/2" x 45 1/2"	412		103	138	96	48" x 48"	278	2	24" x 48"	139
745	45 1/2" x 57 1/2"	466				72	48" x 60"	358	2	30" x 48"	179
746	45 1/2" x 69 1/2"	546				68	48" x 72"	392	2	36" x 48"	139
747	45 1/2" x 81 1/2"					48	48" x 84"	497	1 2	24" x 48" 30" x 48"	154 129
748	45 1/2" x 93 1/2"					32	48" x 96"	554	1 2	36" x 48" 30" x 48"	154 129
755	57 1/2" x 57 1/2"	520		130	172	72	60" x 60"	428	2	30" x 60"	214
756	57 1/2" x 69 1/2"	600				68	60" x 72"	510	2	24" x 60"	170
757	57 1/2" x 81 1/2"					48	60" x 84"	598	1 2	24" x 60" 30" x 60"	170 214
758	57 1/2" x 93 1/2"					32	60" x 96"	684	1 2	36" x 60" 30" x 60"	256 214
766	69 1/2" x 69 1/2"	680		170	225	68	72" x 72"	588	3	24" x 72"	196
767	69 1/2" x 81 1/2"				275	48	72" x 84"	686	1 2	24" x 72" 30" x 72"	196 245
768	69 1/2" x 93 1/2"				311	32	72" x 96"	784	1 2	36" x 72" 30" x 72"	294 245

Design Criteria:

1. Minimum 28 day concrete compressive strength is 5,500 PSI.
2. Maximum depth is based on well drained back-fill.
P = 30lbs Equivalent fluid pressure.
3. No surcharge used to determine Maximum depth.
4. All plates 5' or less are reinforced with two #3 deformed Bars.
6' x 12" plates are reinforced with two #4 deformed bars.
All 6', 7', 8' X 16" plates are reinforced with three #4 deformed bars.