

ISSUING DEPARTMENT INPUT DOCUMENT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

☒ New ☐ OTR ☐ Sole Source ☐ Bid Waiver ☐ Emergency Previous Contract/Project No. FB-00648
Contract
☐ Re-Bid ☐ Other – LIVING WAGE APPLIES: ☐ YES ☐ NO

Requisition No./Project No.: EVN0000272 TERM OF CONTRACT 5 YEAR(S) WITH 0 YEAR(S) OTR

Requisition /Project Title: METER BOXES, VAULTS, VALVE COVERS AND ASSEMBLIES

Description:

The purpose of this solicitation is to establish a contract to purchase various water meter boxes, vaults, valve covers and assemblies on an as needed basis for Miami-Dade County (County).

Issuing Department: SPD Contact Person: MARTHA GAROFOL Phone: 305-375-4265
Estimate Cost/Value: \$3,266,000.00

Funding Source: GENERAL FEDERAL OTHER
PROPRIETA

ANALYSIS

<u>Commodity Codes:</u>	<u>890-45</u>			
Contract/Project History of previous purchases three (3) years Check here <input type="checkbox"/> if this is a new contract/purchase with no previous history.				
	<u>EXISTING</u>	<u>2ND YEAR</u>	<u>3RD YEAR</u>	
Contractor:				
Small Business Enterprise:				
Contract Value:				
Comments:				
Continued on another page (s): <input type="checkbox"/> YES <input type="checkbox"/> NO				

RECOMMENDATIONS

	Set-Aside	Subcontractor Goal	Bid Preference	Selection Factor
SBE				
Basis of Recommendation: <div style="border: 1px solid black; height: 30px; width: 100%;"></div>				
Signed: <u>Martha Garofolo</u>		Date sent to SBD: <u>1/27/23</u>		
		Date returned to SPD: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>		

SECTION 2

ADDITIONAL/SPECIAL TERMS AND CONDITIONS

2.1 PURPOSE

The purpose of this solicitation is to establish a contract to purchase various water meter boxes, vaults, valve covers and assemblies on an as needed basis for Miami-Dade County (County).

2.2 TERM OF CONTRACT

This Contract shall commence on the first calendar day of the month succeeding approval of the Contract by the Board of County Commissioners, or designee, unless otherwise stipulated in the Purchase Order issued by the County. The Contract shall expire on the last day of the 60th month.

2.3 METHOD OF AWARD

Award of this contract will be made to the lowest priced responsive, responsible Bidder by group in the aggregate, who meets the qualifications listed below. To be considered for award, Bidders must submit an offer for all items within a group. If a Bidder fails to submit an offer for all items within the group, its offer for that group may be rejected. This solicitation will establish the following groups:

- Group 1: Covers for Meter Boxes
- Group 2: Cast Iron Valve Boxes and Covers
- Group 3: Cast Iron Manholes Frames and Covers
- Group 4: Steel Cover Plates and Assemblies
- Group 5: Precast Concrete Meter Boxes and Vaults

2.4 QUALIFICATION CRITERIA FOR ALL GROUPS

Bidder or Bidder's Subcontractor must meet the following requirements to be considered for award:

- 2.4.1** Bidder or Bidder's Subcontractor shall be regularly engaged in the business of providing meter boxes, vaults, valve covers and assemblies to be considered for award. Bidder or Bidder's Subcontractor shall provide three (3) **different** references from customers to whom the Bidder or Bidder's Subcontractor has provided or is currently providing meter boxes, vaults, valve covers and assemblies as described throughout this Solicitation. In lieu of the references from the Bidder or Bidder's Subcontractor, the County will consider the references from Bidder's key personnel in accordance with Resolution No. 1122-21.

The references shall include the customer's company name, and the contact person's name, title, address, telephone number, and e-mail address, who can verify that the Bidder/key personnel/Subcontractor has successfully provided the goods/services (Section 4: Bid Submittal – Required Criteria). These references shall ascertain to the County's satisfaction that the Bidder/key personnel/Subcontractor has sufficient expertise in the industry and its firm is properly equipped to perform the required goods/services.

- 2.4.2** Bidder or Bidder's Subcontractor shall be the Original Equipment Manufacturer, agent, distributor or reseller of the Original Equipment Manufacturer (OEM).

Bidder or Bidder's Subcontractor shall provide proof from the manufacturers and/or an approved representative of the OEM brands proposed, designating the Bidder as an, agent, distributor or reseller. Proof may be provided in any of the following forms:

1. A letter of authorization dated within one (1) year of the Bidder or Bidder's Subcontractor submittal signed by an authorized company representative.

2. Indication on the manufacturer's website, listing the Bidder or Bidder's Subcontractor as an agent, distributor, or reseller.
3. Executed agreements between the Bidder or Bidder's Subcontractor and the manufacturer to sell the brands listed in the submittal.
4. Any other verifiable documentation where the OEM/ Agent/ Distributor provides the Bidder or Bidder's Subcontractor authorization to sell the products listed in the submittal.

2.4.3 Bidder or Bidder's Subcontractor shall provide a minimum of one reference letter that describes the type of products, the quality and length of time that the Bidder or Bidder's Subcontractor has been providing said products. The person providing the reference shall be an individual who has knowledge of the Bidder or Bidder's Subcontractor past performance. The reference letter shall be signed and dated within the last 5 years and shall contain a contact phone number and email address.

2.4.4 Bidder(s) shall be equipped with office equipment necessary to perform the task required by the County. Bidder(s) shall list in Section 4 a dedicated facsimile (FAX) line or an e-mail address. Resources must be available twenty-four (24) hours a day to provide immediate technical support and expedite quotations.

Bidders shall submit the specified information listed above with their bid submittal form as proof of compliance to the requirement of this solicitation. However, the County may, at its sole discretion and in its best interest, allow Bidders to complete, supplement or supply the required information during the evaluation period.

If the Awarded Bidder fails to perform in accordance with the terms and conditions of the contract, the Bidder may be deemed in default of the contract. If the Awarded Bidder defaults, the County shall have the right to negotiate with the next responsive, responsible Bidder.

2.5 PRICES

Awarded Bidder(s) shall hold prices for no less than twelve (12) months from the effective date of the contract. The Awarded Bidder may request a price adjustment annually. Such request shall be submitted, at least 90 days prior to the anniversary month of the contract effective date.

The County may consider price adjustments based on the Producers Price Index, as published by the U.S. Department of Labor, Bureau of Labor Statistics for the following Series Id(s):

- *Groups 1-3: WPU10121308 "Cast Iron Products"*
- *Group 4: WPU1017 Steel Mill Products"*
- *Group 5: WPU1334 "Precast Concrete Products"*

It is the Bidder's responsibility to request any price adjustment under this provision. The County reserves the right to reject price adjustment requests or to negotiate prices. Concessions and/or deviations from the price adjustments terms will not be made. If the Awarded Bidder does not comply with the price adjustment terms, the prices being paid for the current contract period will continue to be paid for the next contract year.

2.6 SAMPLES

Samples of items bid, when required or requested, must be provided for evaluation at no cost to the County. Each individual sample shall be clearly labeled with the Bidder's name, bid number, bid title, manufacturer's name and brand name, and style number, if applicable. If the Bidder fails to submit the samples, properly labeled within the specified date stipulated in the notice, the County may not consider the Bidder's submittal for that item. All samples shall become the property of Miami-Dade County.

2.7 EQUAL PRODUCT

The manufacturer's name, brand name and model number listed in this solicitation are used to establish minimum requirements in reference to quality, standards of performance and design; required and are in no way intended to prohibit the bidding of other manufacturer's items established as an equal product. An equal product may be offered provided that the product is found by the County to be equal in, including but not limited to, the standards of performance and design of the items specified. All items proposed by the Bidder(s) shall be accompanied by two (2) complete sets of factory Information Sheets per item. Bidder(s) shall provide complete catalog data and information showing the construction and detail of the proposed items in order to be considered for award. The information must be sufficient to permit a complete evaluation of the item proposed. Bidder(s) must refer to the details provided in Section 3 of the Technical Specifications of this solicitation to guarantee that the Information Sheets in their bid satisfy these requirements.

1. Bidder(s) shall submit with their proposal six (6) copies of shop drawings to fully describe the items they could furnish. Two (2) copies will be returned to the Awarded Bidder(s) marked "Approved" or "Approved Subject to Notations and Corrections as Indicated". The latter notation showing required minor changes for compliance with these specifications. Shop drawings shall include certified dimensions and certified weights for each component. Castings having dimensions other than those specified herein including the Department Standards attached to the original solicitation shall not be acceptable. Approval of drawings and data will be general and shall mean that upon examination of the drawings and data, no variations from the contract requirements have been discovered and approval will not relieve the Awarded Bidder(s) of their responsibilities as defined under the contract.

2.8 COMPLIANCE

All items to be purchased under this solicitation, and all delivery actions taken by the Bidders, shall be in accordance with all applicable governmental and industry standards, including those issued by the American National Standards Institute (ANSI), the American Society for Testing Materials (ASTM), the Environmental Protection Agency (EPA), the Instrument Society of America (ISA), the International Standards Organization (ISO), the National Fire Protection Association (NFPA), the National Institute of Safety Hazards (NIOSH), the National Sanitation Foundation (NSF), and the Occupational Safety and Health Administration (OSHA).

SECTION 3

SCOPE OF WORK/TECHNICAL SPECIFICATIONS

3.1 SCOPE OF WORK

The Awarded Bidder shall provide various water meter boxes, vaults, valves, covers and assemblies pursuant to Section 3.2 Products on an as needed basis.

3.2 PRODUCTS

Group 1: Cast Iron Covers for Meters Boxes		
Item No	Description	Reference
1	Cast Iron Cover For: 5/8" Meter Box	Group 1 Item # 1 No Drawing Available
2	Cast Iron Cover Style 36T: 3/4" Meter Box Style 37T: 1" Meter Box	Attachment A: Group 1 Item # 2 (W-1425-B-2)
3	Cast Iron Cover with Cast Iron Reading Lid For: 1" Meter Box	Attachment A: Group 1 Item # 3 (W-8878-C)
4	Cast Iron Single Meter Box Cover Includes: Cover with Hinged Lid	Attachment A: Group 1 Item # 4 (WS 2.10)
5	Cast Iron Dual Meter Box Cover Includes: Cover with Hinged Lid	Attachment A: Group 1 Item # 5 (WS 2.12)

Group 2: Cast Iron Valve Boxes and Covers		
Item No	Description	Reference
1	Cast Iron Valve Box and Lid (No. 2)	Attachment B: Group 2 Item # 1 (WS 3.10)
2	Cast Iron Valve Box and Lid (No. 53)	Attachment B: Group 2 Item # 2 (SS 13.0)
3	Cast Iron Valve Box Body (No. 52)	Attachment B: Group 2 Item # 3 (USF 7605)
4	Cast Iron Valve Box (No. 3)	Attachment B: Group 2 Item # 4 (WS 3.11)
5	Cast Iron Lid (No. 3)	Attachment B: Group 2 Item # 5 (WS 3.11)

Group 3: Cast Iron Manhole Frames and Covers		
Item No	Description	Reference
1	Cast Iron Frame Style: USF No. 260 ring	Attachment C: Group 3 Item # 1
2	Cast Iron Frame Style: USF No. 420 ring	Attachment C: Group 3 Item # 2
3	Cast Iron Frame Style: USF No. 440 ring	Attachment C: Group 3 Item # 3
4	Cast Iron Frame Style: USF No. 465 ring	Attachment C: Group 3 Item # 4
5	Cast Iron Frame Style: USF No. 485 ring	Attachment C: Group 3 Item # 5
6	Cast Iron Cover Style: USF 'A' Cover	Attachment C: Group 3 Item # 6

Group 4: Steel Cover Plates and Assemblies		
Item No	Description	Reference
1	Steel Cover Plate for Non-Traffic Vault Style: Standard 2' x 4'	Attachment D: Group 4 Item # 1 (WS 2.17 a-b)
2	Steel Cover Plate for Non-Traffic Areas Only Style: Standard 34" x 34"	Attachment D: Group 4 Item # 2 (WS 3.15)
3	Steel Cover Assembly for Concrete Meter Box Style: No. 66-S	Attachment D: Group 4 Item # 3 (WS 3.15)

Group 5: Precast Concrete Meter Boxes and Vaults		
Item No	Description	Reference
1	Concrete Single Meter Box Includes: Concrete Body and Cover with Hinged Lid (Brooks-Oldcastle #38, or Equal)	Attachment E: Group 5 Item # 1 (WS 2.10)
2	Concrete Dual Meter Box (Body Only)	Attachment E: Group 5 Item # 2 (WS 2.12)
3	Concrete Meter Box Size: 12" X 20" X 12" (Brooks-Oldcastle #37 or Equal)	Attachment E: Group 5 Item # 3
4	Concrete Meter Box Size: 10.5" X 17.25" X 12" (Brooks-Oldcastle #36, or Equal)	Attachment E: Group 5 Item # 4
5	Concrete Vaults for Non-Traffic Areas Size: 2' X 4'	Attachment E: Group 5 Item # 5 (WS 2.17)
6	Concrete Vaults for Non-Traffic Areas Size: 4' X 4'	Attachment E: Group 5 Item # 6 (WS 2.20)

3.3

PRODUCT COMPLIANCE

The quality of materials, manufacturing process, and the finished units shall be subject to inspection by the County, and the Bidder shall afford access to manufacturing facilities for this purpose, if so required.

All furnished products/materials shall be in compliance as listed below.

A. Casting Requirement for Groups 1 through 4

1. Castings shall be of uniform quality, free from blowholes, porosity, hard spots, shrinkage cracks, warping or other defects. Castings shall be boldly filleted at angles and arises perfect. All castings shall be manufactured true to pattern with component parts and shall be smooth and well cleaned by blasting. Castings shall be supplied without any surface coatings.
2. Covers shall bear for their full edge and length on the frame or box. Castings with only portions of the cover edge bearing on the supporting structure are not acceptable.
3. The thickness of covers shall be consistent throughout the castings so that when the covers are in place, the top surfaces are level with the frame of the box.

B. Casting Requirements for Group 5

1. Forms shall be made of a non-porous material with smooth surfaces and shall be accurate and strong enough to maintain the structures' dimensions within one half of the allowable tolerance given.

2. Forms shall be cleaned before each use, and shall be free of paint or other protective coatings that might cling to the surface of the concrete. Releasing agents applied to the form to aid in breaking the bond shall not be injurious to the concrete.
3. Steel reinforcing shall be securely positioned in the form to maintain the concrete cover shown on the Standard Details.
4. The aggregates shall be sized, graded, proportioned and thoroughly mixed in a batch mixer with proportions of cement and water that will produce a homogeneous concrete having a compressive strength of 3500 PSI at 28 days of age for the boxes and plates and 3000 PSI for the vaults after the same curing period.
5. Batched concrete shall be made in standard concrete mixers only, not in mortar boxes, wheelbarrows or similar equipment.
6. Mixers shall be standard mechanical (power-driven) rotary type for concrete. Mixers normally used for mortar or plaster mixing shall not be used.
7. Concrete shall be placed either by gravity into the form at a rate such that the concrete is plastic at all times and flows readily into all parts of the form and around all reinforcement steel without segregation of materials, or by high-speed pneumatic rammer resulting in dense, evenly compacted concrete without disturbing the reinforcement. The surfaces from top to bottom shall show uniform compaction.

3.4 **STANDARD MANUFACTURED PRODUCT SPECIFICATIONS**

All materials used in the production of the concrete meter boxes, section plates and vaults shall meet standard product requirements.

A. **Casting Requirement for Groups 1 through 4**

1. **Meter Boxes**

- a. Materials used in the manufacture of the castings shall conform to ASTM A48 "Gray Iron Castings" for Class 30 iron. Castings shall be non-rocking. Manhole and valve box covers shall have a roadway type surface and machined mating surface.
- b. Shop drawings shall be furnished for all castings supplied and said drawings shall include certified dimensions and weights of all components. Dimensions shall conform with Department Standard Detail requirements.
- c. Finish casting dimensions shall be held to the following tolerances: Up to 4", $\pm 1/32$ "; 4" to 8", $\pm 3/64$ "; 8" to 12", $\pm 1/16$ "; 12" to 24" $\pm 1/8$ "; above 24", add the appropriate (minimum) value from those given above to $\pm 1/8$ ". Note that this shall not affect the requirement that mating surfaces shall be machined and shall bear for their full length. Components shall be interchangeable with new and existing units without exceeding the tolerance add up specified above.

- d. Weight of castings supplied shall not vary more than ± 5 percent from the certified weight supplied by the Bidder as a part of his shop drawings.
- e. The foundry's name (and if not domestically produced, foundry's name and country) shall be cast in the bottom of each lid. Body and lid or frame and cover shall be manufactured by the same foundry. Manufacture of the various components comprising one set, such as for example; a valve box and lid, by different manufacturers is expressly forbidden.
- f. Note that name cast into the bottom of the lid shall be the name of the actual foundry doing the casting. Name of an importing, purchasing or fabricating (from components) firm will not be acceptable. Methods of attaching this information other than casting are not acceptable.
- g. Each shipment of castings provided by the Bidder shall be accompanied by a certification specifically stating that the materials of that shipment comply with all requirements of this Specification, specifically including dimensions and tolerances, materials of manufacture, weights of components, marking and foundry of origin. This certification shall be signed, dated and sealed by a registered professional engineer licensed to practice in state where the materials are cast or if not of domestic manufacture in the state where the supplying firm is located.
- h. Bidders should be aware that it is the intent of the Department to periodically check materials supplied for conformance to these specifications to include materials testing, dimensions and tolerances, component weights, marking, finish and fit, and such other matters as are necessary to assure supply of products meeting our requirements. Random testing of materials supplied will be at Department expense if passed. Any retesting due to material not passing tests will be at the Bidder's expense.
- i. Finish painting of castings is not required at this time and the required finish is shot blasting only.
- j. Castings shall be as manufactured by U.S.F. Fabrication, Inc. (U.S.F.), Neenah Foundry Co., or approved equal.

Bidder shall submit the name, address and country of the foundry producing components with the shop drawings of each component. Further, this foundry shall not be changed without the previous written notification of permission from the Chief, Engineering Division of the Miami-Dade Water & Sewer Department.

2. Meter Boxes and Cover Markings

- a. All materials used in the production of the concrete meter boxes, lids sectional plates and vaults shall be new and or recent manufacture. Aggregates shall not originate in salt or brackish water areas and no calcium chloride containing admixtures shall be used. Please refer to "Section UC-080 Meter Boxes, Sectional Plates and Vaults for Water Service" located on miamidade.gov/water website for more information.

- b. All concrete meter boxes, lids, sectional plates and vaults shall be manufactured in accordance with the applicable provisions of ASTM C858, "Underground Precast Concrete Utility Structures", as modified herein.
- c. All Concrete meter boxes, lids, sectional plates and vaults shall be manufactured in accordance with the applicable provisions of ASTM C858, "Underground Precast Concrete Utility Structures", as modified herein.
- d. The forms shall be made from a non-porous material with smooth surfaces and shall be accurate and strong enough to maintain the structure's dimensions with one half of the allowable tolerances given in Section 3.4 of ASTM C858.
- e. Covers
 - Valve Boxes and Covers for Sewer applications shall be Department #3 in accordance with Standard Details. Sewer Valve Boxes shall be cast labeled with the letter "S".
 - Valve Boxes and Covers for Sewer applications shall be Department #2 & #3 in accordance with Standard Details. Water Valve Boxes shall be cast labeled with the letter "W".
 - Galvanized Cover required with Readers
 - NSF61/ANSI for potable water application.
- f. Minimum Standards
 - ASTM C858, C31, C39, C192
 - ASTM 074, A36, A48 Class 35 B gray iron
 - ASSHTO M306 Loading
 - MDWASD Specifications sections 05550, 02536, UC-000, UC-080, UC-750, UC0250

B. Casting Requirement for Group 5

1. Meter Boxes, Sectional Plates and Vaults

- a. Fine aggregate for concrete mixes shall consist of sand or stone screenings, composed of hard durable grains, free of foreign matter such as loam, clay dirt, organic matter or other impurities. Fine aggregate shall conform to the following gradation requirements:

<u>Size Sieve</u>	<u>Percent Passing</u>
3/8"	100
No. 4	90 to 100
No. 8	70 to 95
No. 16	50 to 85
No. 30	30 to 70
No. 50	10 to 45
No. 100	0 to 10

- b. Coarse aggregate for concrete mixes shall consist of gravel, broken stone or local limerock. It shall be hard, durable and free of foreign matter such as loams, clay, dirt, organic matter or other impurities, and free of adherent coatings. Coarse aggregate shall conform to the following gradation requirements:

<u>Size Sieve</u>	<u>Percent Passing</u>
3/4"	100
1/2"	90 to 100
3/8"	40 to 70
No. 4	0 to 15
No. 8	0 to 05

Vault:

<u>Size Sieve</u>	<u>Percent Passing</u>
1 1/2"	100
1"	95 to 100
1/2"	25 to 60
No. 4	0 to 10
No. 8	0 to 6

- c. Cement shall be a standard brand of Portland cement meeting the requirements of ASTM Standard C150-92, "Portland Cement", Type I.
- d. All reinforcing steel shall be free of rust, grease, dirt or mortar, and shall be thoroughly cleaned of any such foreign matter or loose mill scale before being placed in position.
- e. Wire reinforcement shall conform to ASTM Standard A82-90N, "Steel Welded Wire, Fabric, Plain, for Concrete Reinforcement".
- d. Wire mesh reinforcement shall conform to ASTM Standard A185-90N, "Steel Welded Wire, Fabric, Plain, for Concrete Reinforcement".
- e. Bar reinforcement shall conform to ASTM A615-90, "Deformed and Plain Billet-Steel Bars for Concrete Reinforcement". Grade 60, deformed, except that steel manufactured by the Bessemer process will not be accepted.
- f. Water used in mixing concrete that is not in the form of surface moisture on the aggregate shall be from the WASD water supply or other approved source

3.5 **PRODUCT MANUFACTURER STATEMENT**

Prior to the manufacture of any of the products listed in this solicitation, or any similar items ordered pursuant to this contract. The County may request a statement from the Awarded Bidder listing the following information:

- A. Name of Manufacturer
- B. The source and type of cement
- C. The source and specific gravities of the aggregates
- D. The concrete mix proportions, and strength at 28 days
- E. Name of admixtures, if any
- F. Mill certificates for the reinforcement steel
- G. Source of water

SECTION 4

BID SUBMITTAL REQUIRED CRITERIA

	TO BE COMPLETED BY ALL BIDDERS	
	Refer to Paragraph 2.4 to ensure that Bidder's responses and attachments comply with the Solicitation's requirements.	
Paragraph Reference	Bidder Requirements	
2.4.1	<p>Bidder or Bidder's Subcontractor shall be regularly engaged in the business of providing meter boxes, vaults, valve covers and assemblies to be considered for award. Bidder or Bidder's Subcontractor shall provide three (3) <u>different</u> references from customers to whom the Bidder has provided or is currently providing meter boxes, vaults, valve covers and assemblies as described throughout this Solicitation. In lieu of the references from the Bidder or Bidder's Subcontractor, the County will consider the references from Bidder's key personnel in accordance with Resolution No. 1122-21.</p> <p>The references should include the customer's company name, and the contact person's name, title, address, telephone number, and e-mail address, who can verify that the Bidder/Subcontractor/Bidder's key personnel has successfully provided the goods/services. These references shall ascertain to the County's satisfaction that the Bidder has sufficient expertise in the industry and its firm is properly equipped to perform the required goods/services.</p> <p>Reference Company Name No. 1: <input style="width: 400px;" type="text"/></p> <p>Is reference for the Bidder, Subcontractor, or key personnel: <input style="width: 200px;" type="text"/></p> <p>If Subcontractor, then identify the name of the Subcontractor: <input style="width: 200px;" type="text"/></p> <p>If key personnel, then identify the name of the key personnel: <input style="width: 200px;" type="text"/></p> <p>and make sure that company key personnel worked for is listed <u>above</u> as "Reference Company 1."</p> <p>Contact's name: _____ Title: _____</p> <p>Address: _____</p> <p>Phone Number: _____ Email: _____</p> <p>Reference Company Name No. 2: <input style="width: 400px;" type="text"/></p> <p>Is reference for the Bidder, Subcontractor, or key personnel: <input style="width: 200px;" type="text"/></p> <p>If Subcontractor, then identify the name of the Subcontractor: <input style="width: 200px;" type="text"/></p> <p>If key personnel, then identify the name of the key personnel: <input style="width: 200px;" type="text"/></p> <p>and make sure that company key personnel worked for is listed <u>above</u> as "Reference Company 2."</p> <p>Contact's name: _____ Title: _____</p> <p>Address: _____</p> <p>Phone Number: _____ Email: _____</p>	

	<p>Reference Company Name No. 3: <input type="text"/></p> <p>Is reference for the Bidder, Subcontractor, or key personnel: <input type="text"/></p> <p>If Subcontractor, then identify the name of the Subcontractor: <input type="text"/></p> <p>If key personnel, then identify the name of the key personnel: <input type="text"/></p> <p>and make sure that company key personnel worked for is listed <u>above</u> as "Reference Company 3."</p> <p>Contact's name: _____ Title: _____</p> <p>Address: _____</p> <p>Phone Number: _____ Email: _____</p>	
2.4.2	<p>Bidder or Bidder's Subcontractor shall be the Original Equipment Manufacturer, agent, distributor or reseller of the Original Equipment Manufacturer (OEM).</p> <p>Bidder or Bidder's Subcontractor shall provide proof from the manufacturers and/or an approved representative of the OEM brands proposed, designating the Bidder as an, agent, distributor or reseller. Proof may be provided in any of the following forms:</p> <ol style="list-style-type: none"> 1. A letter of authorization dated within one (1) year of the Bidder or Bidder's Subcontractor submittal signed by an authorized company representative. 2. Indication on the manufacturer's website, listing the Bidder or Bidder's Subcontractor as an agent, distributor, or reseller. 3. Executed agreements between the Bidder or Bidder's Subcontractor and the manufacturer to sell the brands listed in the submittal. 4. Any other verifiable documentation where the OEM/ Agent/ Distributor provides the Bidder or Bidder's Subcontractor authorization to sell the products listed in the submittal. 	
2.4.3	<p>Bidder or Bidder's Subcontractor shall provide a minimum of one reference letter that describes the type of products, the quality and length of time that the Bidder or Bidder's Subcontractor has been providing said products. The person providing the reference shall be an individual who has knowledge of the Bidder or Bidder's Subcontractor past performance. The reference letter shall be signed and dated within the last 5 years and shall contain a contact phone number and email address.</p>	
2.4.4	<p>Bidder or Bidder's Subcontractor shall be equipped with office equipment necessary to perform the task required by the County. Bidder or Bidder's Subcontractor shall list in Section 4 a dedicated facsimile (FAX) line or an e-mail address. Resources must be available twenty-four (24) hours a day to provide immediate technical support and expedite quotations.</p> <p>Fax: _____ Email Address: _____</p>	

Attachment A

Group 1: Cast Iron Covers for Meter Boxes

Item# 1 - 5

Attachment A: Group 1: Item# 1

(W-1425-B-2)

Cast Iron Cover
For: 5/8" Meter Box

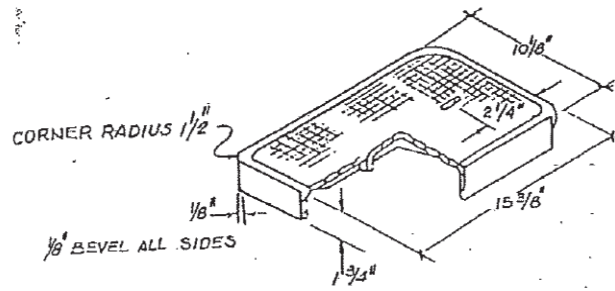
NO DRAWING AVAILABLE

Attachment A: Group 1: Item# 2

(W-8446C)

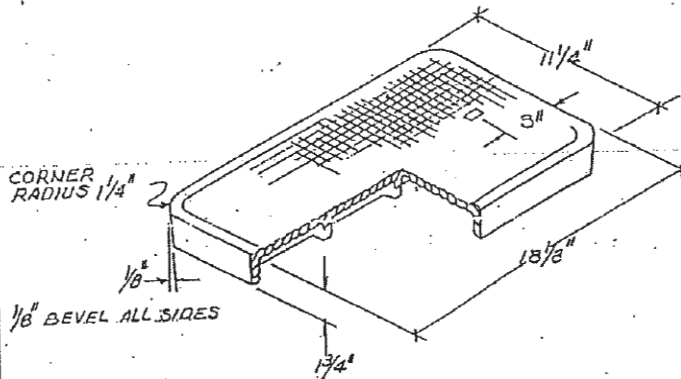
Cast Iron Cover

Style 36T: 3/4" Meter Box Style 37T: 1" Meter Box



STYLE 36T
CAST IRON COVER
(10 1/2" x 17 1/4" METER BOX)

NOTE:
LIFTING HOLES ARE 1/4" x 1"
WEIGHT - MAX. 27 LBS.
MIN. 22 LBS. (19 lb)



STYLE 37T
CAST IRON COVER
(12" x 20" METER BOX)

MIN. WT.
27 LBS.

Manufactured by Ucastal Foundry/Sweetwater, Tenn, USA,
US Foundry/Medley, PI./ U.S.A.
VCL Foundry/Calcutta, India
DIAGRAM PAGE 2 OF 14

5-3094	REVISION	R.
CAST IRON COVERS		
10 1/2" x 17 1/4" BOX (3/4" METER)		
12" x 20" BOX (1" METER)		
MIAMI-DADE		
WATER AND SEWER AUTHORITY		
DATE MAY 30, 1990	SCALE N.T.S.	
REVISION	W-8446-C	

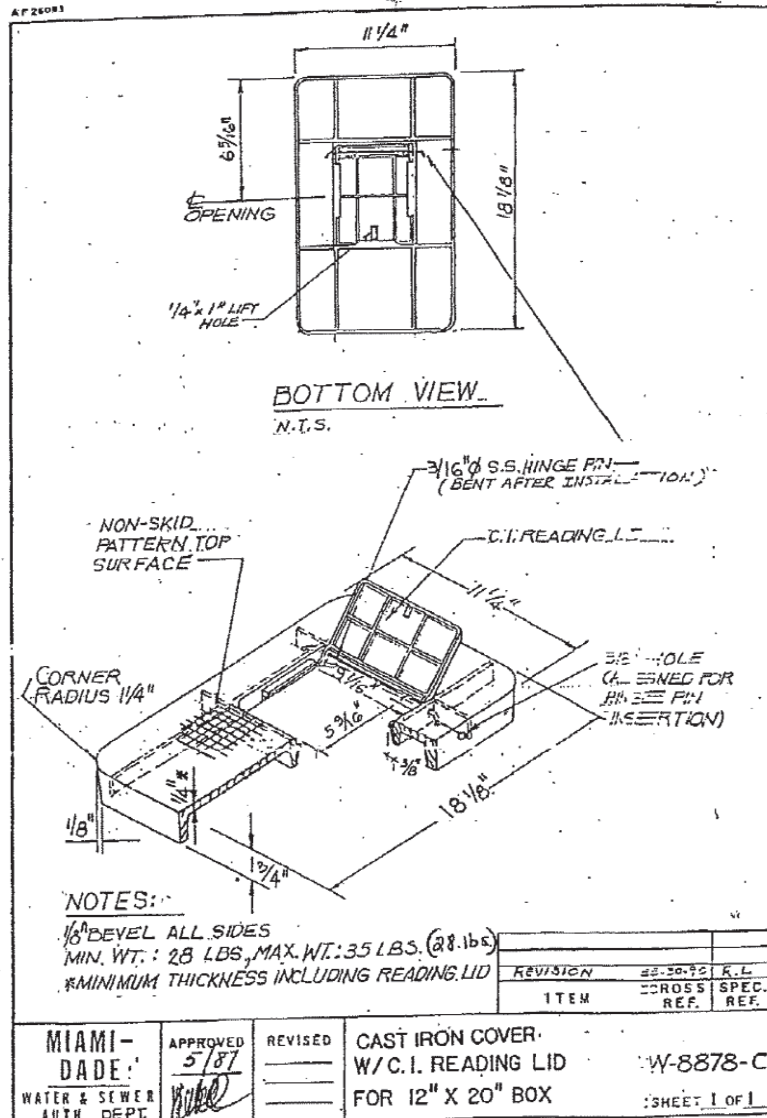
DRAWN
CHECKED
ADAM

Attachment A: Group 1: Item# 3

(W-8878-C)

Cast Iron Cover with Cast Iron Reading Lid

For: 1" Meter Box



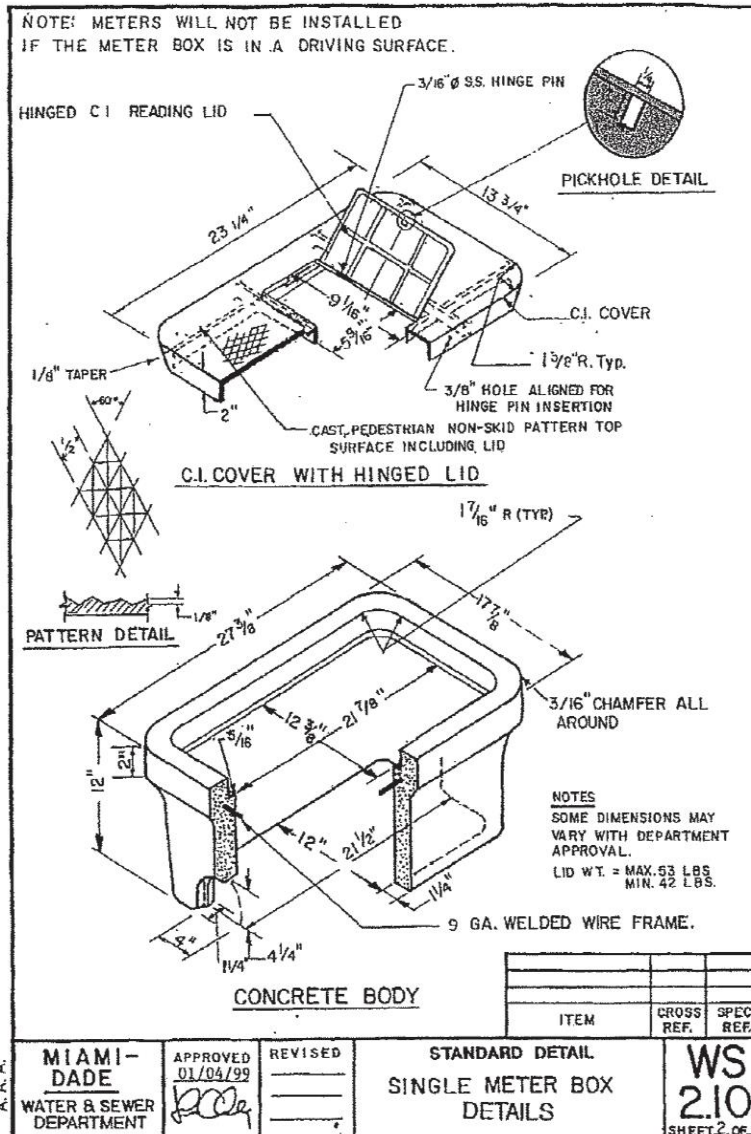
Manufactured by Vestal Foundry, Sweetwater, Tenn. USA.
O.S. Foundry, Milled, FL. USA.

Attachment A: Group 1: Item# 4

(WS 2.10)

Cast Iron Single Meter Box Cover

Includes: Cover with Hinged Lid



(WS 2.12)

Includes: Cover with Hinged Lid



Attachment B

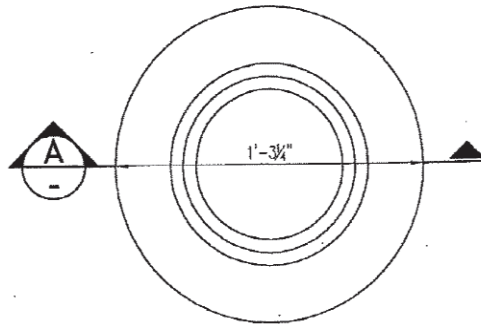
Group 2: Cast Iron Valve Boxes and Covers

Items # 1 - 5

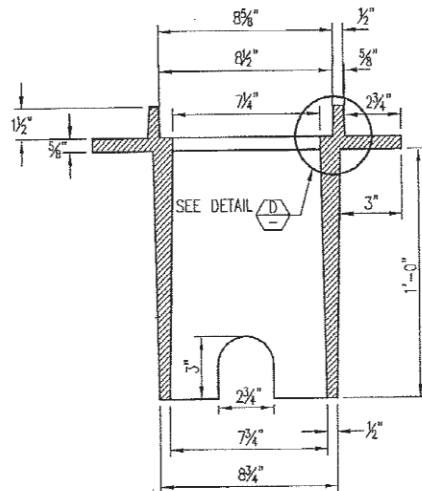
Attachment B: Group 2: Item# 1

(WS 3.10)

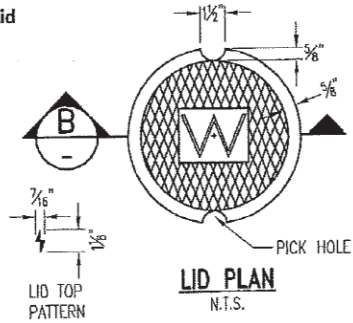
Cast Iron Valve Box and Lid (No. 2)



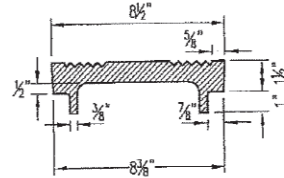
BOX PLAN
N.T.S.



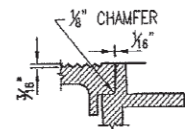
SECTION A
N.T.S.



LID PLAN
N.T.S.



SECTION B
N.T.S.



DETAIL D
N.T.S.

NOTES:

1. FOUNDRY AND LOCATION SHALL BE CAST ON BOTTOM OF LID. (SEE WS 2.05)
2. MACHINE FINISH BOTTOM OF COVER AND SEAT OF FRAME.
3. ALL DIMENSIONS ARE NET CASTING, NOT PATTERN.
4. IF USED FOR RECLAIMED WATER, THE CAST IRON LID AND BOX ARE TO BE COLORED PURPLE PANTONE 522C, AND THE LETTER "W" REPLACED WITH "R".

ITEM	CROSS REF.	SPEC. REF.

MIAMI-DADE COUNTY
Delivering Excellence Every Day
WATER & SEWER DEPARTMENT

ISSUE DATE	APPROVED BY
06/01/2008	V.F.C.

STANDARD DETAIL
No. 2 C.I. VALVE BOX AND LID

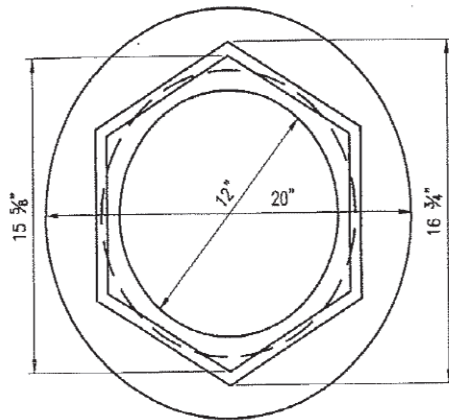
WS
3.10
SHEET 1 OF 1

Attachment B: Group 2: Item# 2

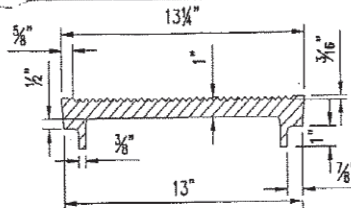
(SS 13.0)

Cast Iron Valve Box and Lid

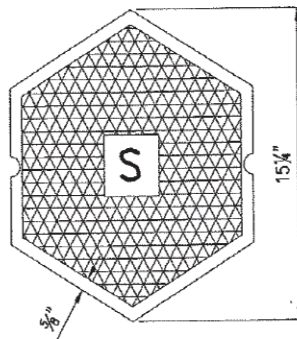
(No. 53)



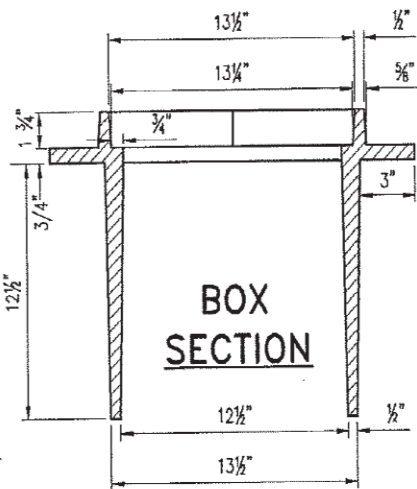
BOX PLAN



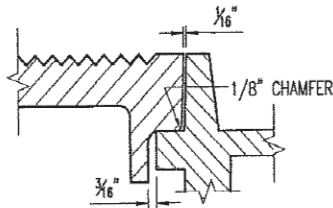
LID SECTION



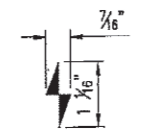
LID PLAN



BOX SECTION



LID DETAIL



LID TOP PATTERN

NOTES:

1. MACHINE FINISH BOTTOM OF COVER AND SEAT OF FRAME.
2. ALL DIMENSIONS ARE NET CASTING, NOT PATTERN.
3. FOUNDRY AND LOCATION SHALL BE CAST ON BOTTOM OF THE LID. (SEE WS 2.05)
4. MINIMUM WEIGHTS: RING: 134LBS
COVER: 44LBS

XXXXX		
ITEM	CROSS REF.	SPEC. REF.



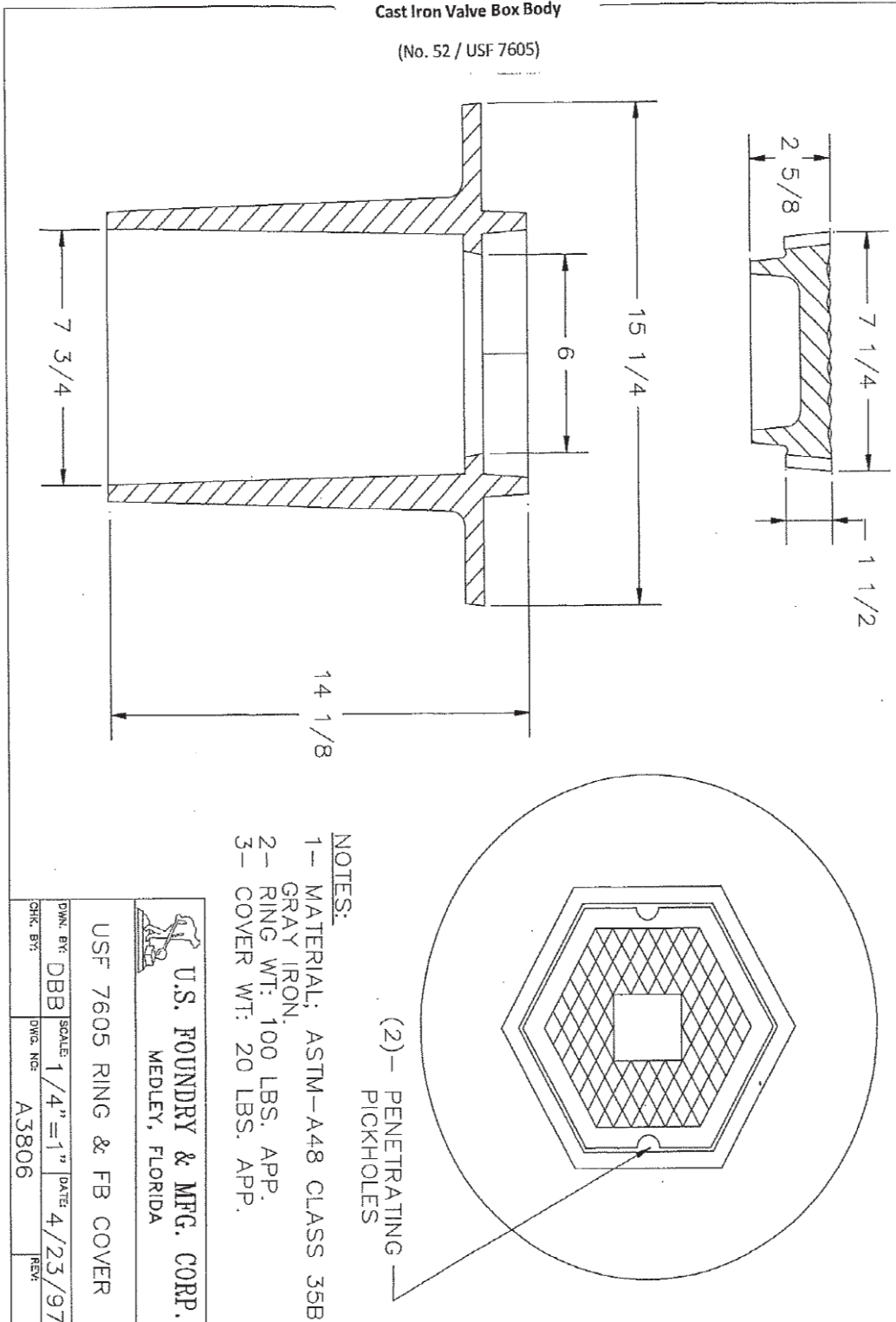
ISSUE DATE	APPROVED BY
06/25/2015	J.B.F.

STANDARD DETAIL

No. 53 C.I. VALVE
BOX AND LID

SS
13.0
SHEET 1 OF 1

Attachment B: Group 2: Item# 3

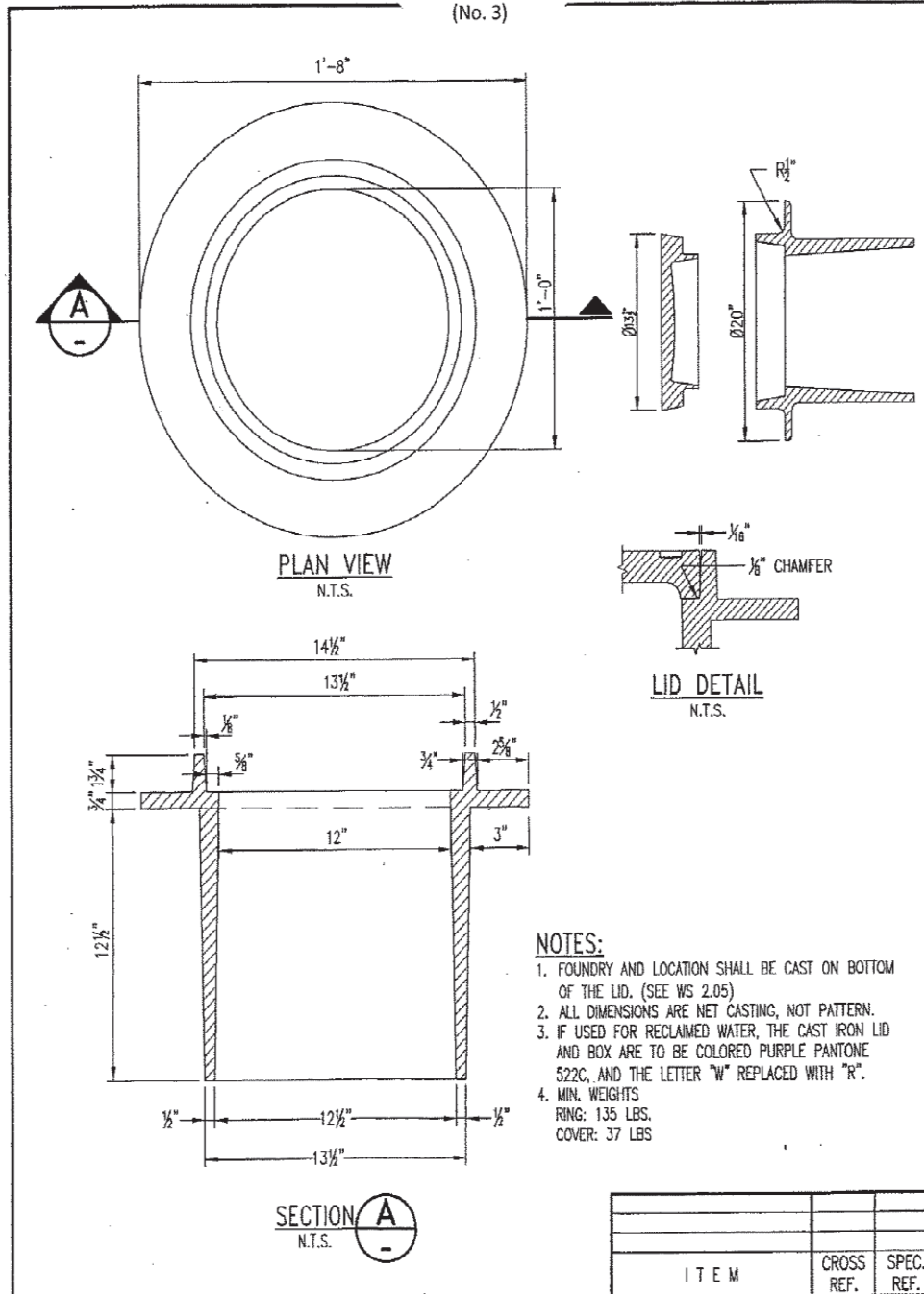


Attachment B: Group 2: Item# 4

(WS 3.11)

Cast Iron Valve Box

(No. 3)



NOTES:

1. FOUNDRY AND LOCATION SHALL BE CAST ON BOTTOM OF THE LID. (SEE WS 2.05)
2. ALL DIMENSIONS ARE NET CASTING, NOT PATTERN.
3. IF USED FOR RECLAIMED WATER, THE CAST IRON LID AND BOX ARE TO BE COLORED PURPLE PANTONE 522C, AND THE LETTER "W" REPLACED WITH "R".
4. MIN. WEIGHTS
RING: 135 LBS.
COVER: 37 LBS



WATER & COMED REBATHMENT

ISSUE DATE	APPROVED BY
6/1/2015	J.F.

STANDARD DETAIL

No. 3 C.I. VALVE BOX

ITEM	CROSS REF.	SPEC. REF.

WS

3.11

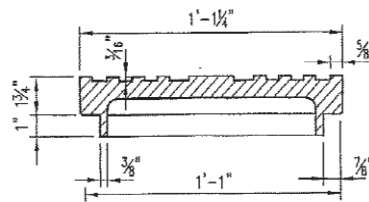
SHEET 1 OF 2

Attachment B: Group 2: Item# 5

(WS 3.11)

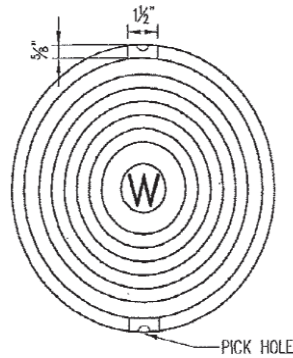
Cast Iron Lid

(No.3)



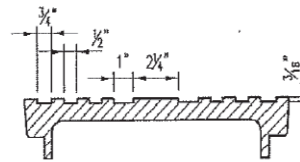
SECTION VIEW

N.T.S.



PLAN VIEW

N.T.S.




DETAIL OF LID TOP

N.T.S.

NOTES:

1. MACHINE FINISH BOTTOM OF COVER AND SEAT OF FRAME.
2. ALL DIMENSIONS ARE NET CASTING, NOT PATTERN.
3. FOUNDRY AND LOCATION SHALL BE CAST ON BOTTOM OF THE LID. (SEE WS 2.05)
4. IF USED FOR RECLAIMED WATER, THE CAST IRON LID IS TO BE COLORED PURPLE PANTONE 522C, AND THE LETTER "W" REPLACED WITH "R".

ITEM	CROSS REF.	SPEC. REF.

 <p>MIAMI-DADE COUNTY Delivering Excellence Every Day WATER & SEWER DEPARTMENT</p>	ISSUE DATE	APPROVED BY	STANDARD DETAIL	WS 3.11 SHEET 2 OF 2
	06/01/2008	V.F.C.		
			No. 3 C.I. LID	

Attachment C

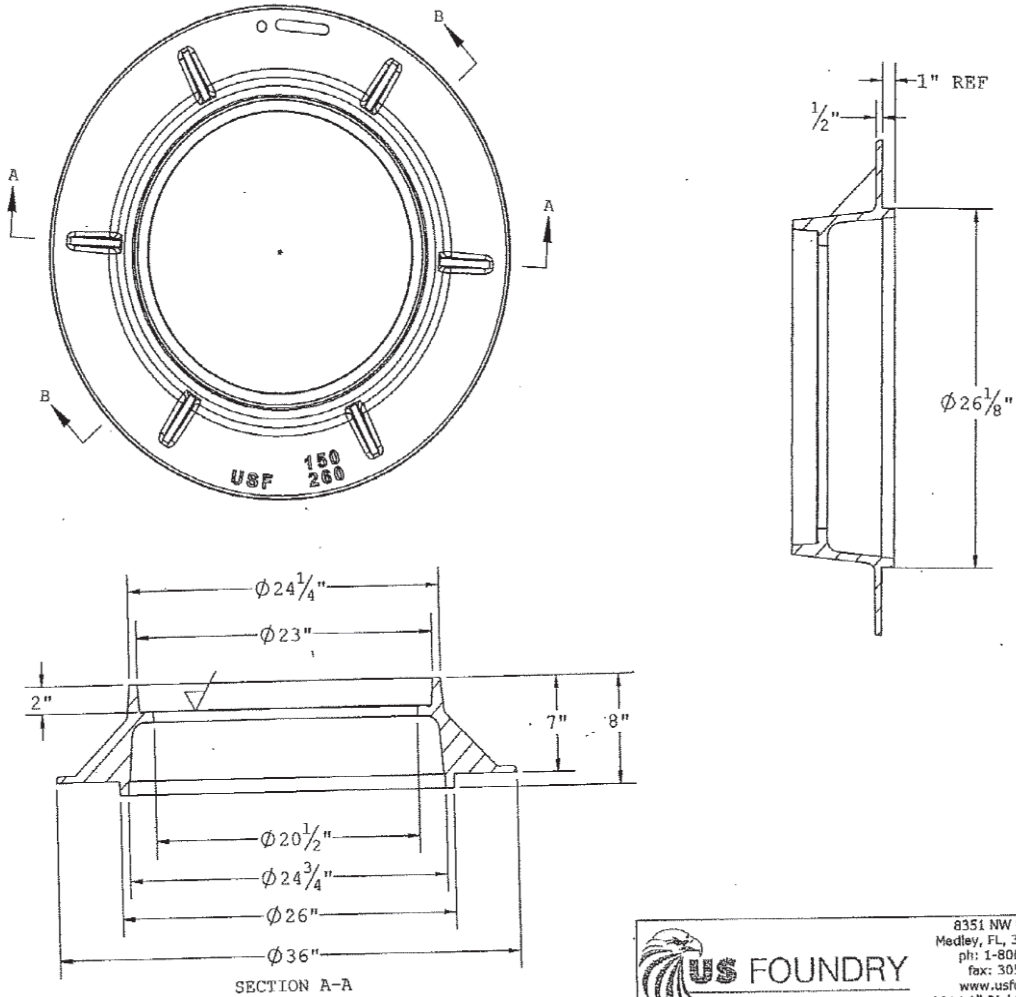
Group 3: Cast Iron Manhole Frames and Covers
Item # 1 - 6


OK

Attachment C: Group 3: Item 1

Cast Iron Frame

Style: USF No. 260 ring



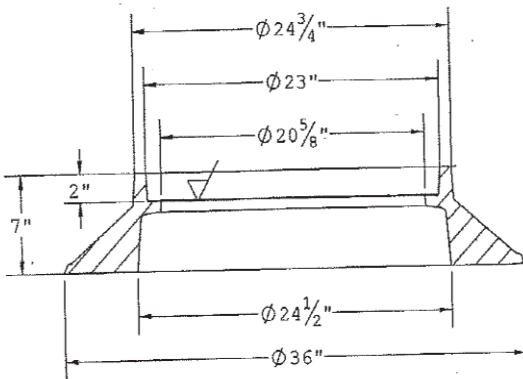
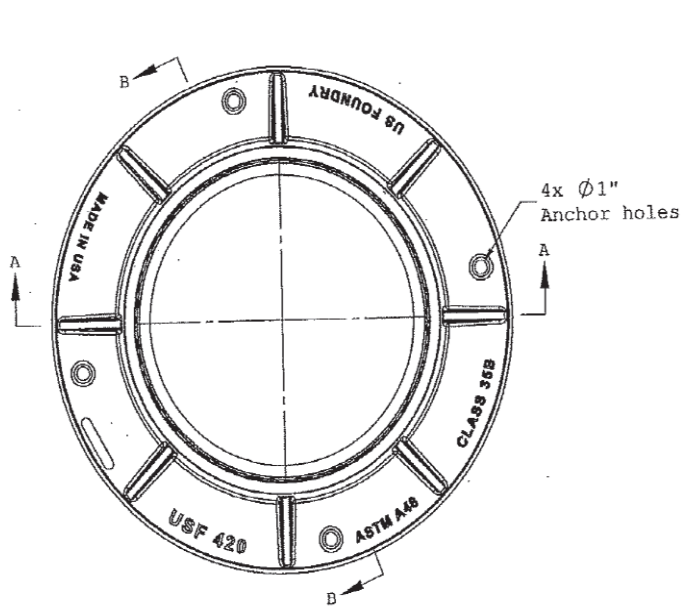
 US FOUNDRY AN EAGLE MANUFACTURING COMPANY © 2014 All Rights Reserved		8351 NW 93rd Street Medley, FL, 33166-2025 ph: 1-800-432-9709 fax: 305-887-9429 www.usfoundry.com	
		USF 260 Ring [Mud-Skirt]	
MATERIAL: Gray Cast Iron ASTM-A48 Class 35B			
ITEM: Ring	BAAN # 8020055	DRAWING USF 260	
		DATE 10-28-09	
		DRAWN BY ULS	
REV 0	DATE	REV BY	QUOTE # 4171

Attachment C: Group 3: Item 2


Cast Iron Frame

Style: USF No. 420 ring

SECTION B-B
SCALE 1 : 10



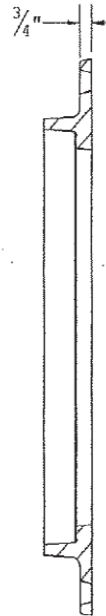
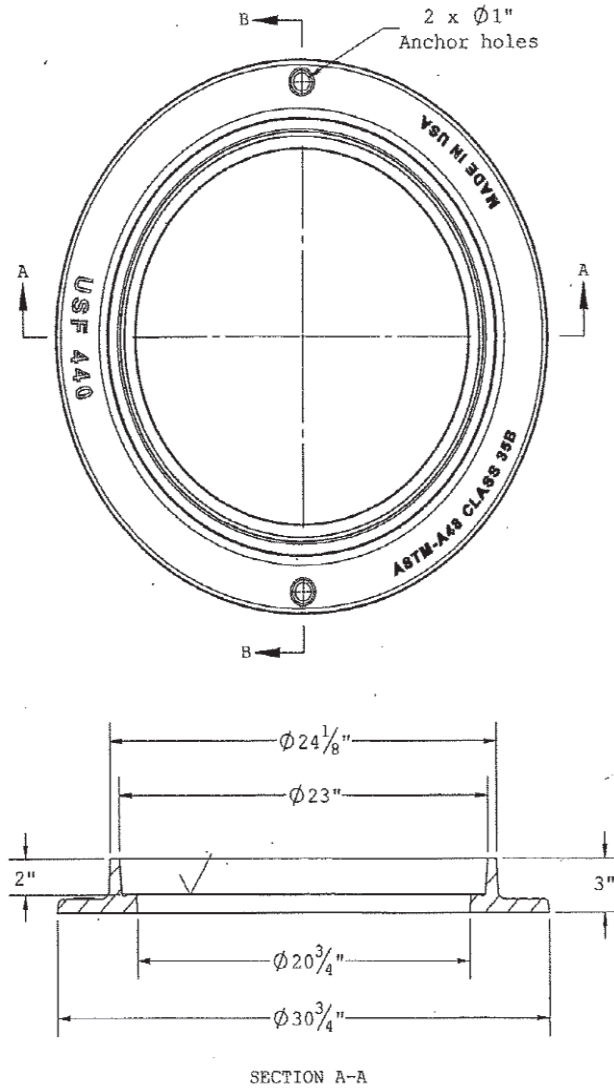
SECTION A-A
SCALE 1 : 10

 U.S. FOUNDRY & MFG. CORP. 8351 NW 93rd Street, Medley, FL, 33166-2025 ph: 1-800-432-9709; fax: 305-887-9429 www.usfoundry.com © 2012 U.S. Foundry & Mfg. Corp. All Rights Reserved			
USF 420 Ring			
MATERIAL:		Gray Cast Iron ASTM-A48 Class 35B	
DESC:	BAAN #	DRAWING	
Ring	8020030	USF 420	
		DATE	1/21/2000
		DRAWN BY	DBB/ULS
REV	6	DATE	8/9/2013
		REV BY	OD
		MOOTE #	

Attachment C: Group 3: Item 3

Cast Iron Frame

Style: USF No. 440 ring



SECTION B-B



U.S. FOUNDRY & MFG. CORP.
8351 NW 93rd Street, Medley, FL, 33166-2025
ph: 1-800-432-9709; fax: 305-887-9429
www.usfoundry.com

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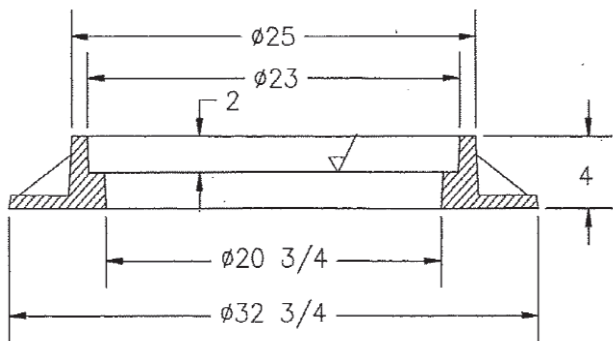
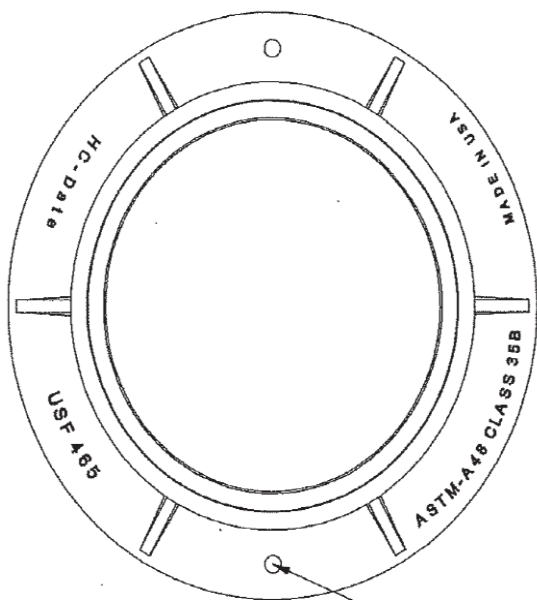
USF 440 ring [Optional Anchor holes]


MATERIAL:		Gray Cast Iron	ASTM-A48 Class 35B
ITEM:	SALES #	DRAWING	USF 440
Ring	8020150	DATE	6/10/1985
		DRAWN BY	JL/ULS
REV	0	DATE	REV BY
		QUOTE #	

Attachment C: Group 3: Item 4

Cast Iron Frame

Style: USF No. 465 ring

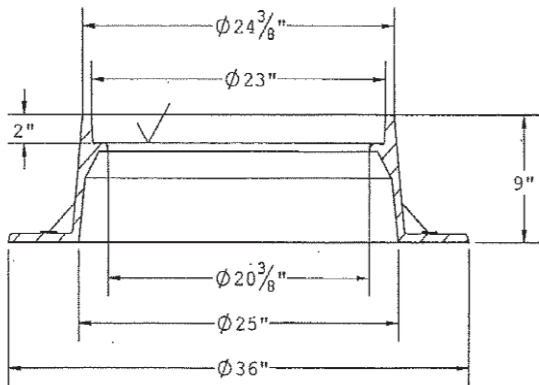
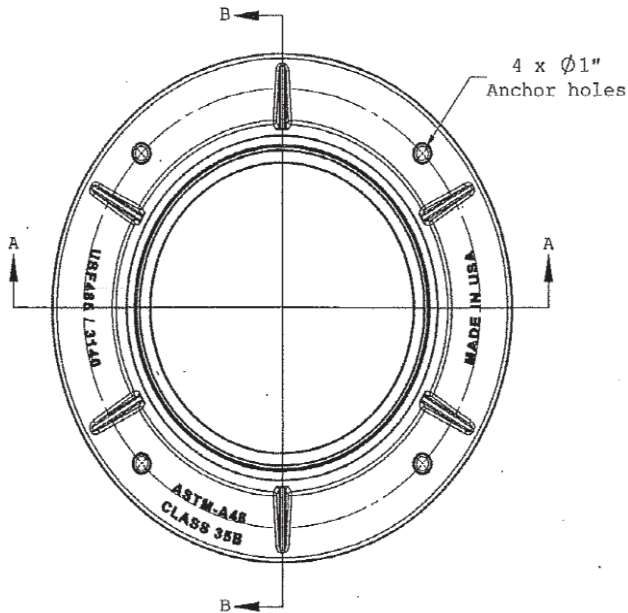


		US FOUNDRY	
AN EAGLE MANUFACTURING COMPANY		© 2014 All Rights Reserved	
USF 465 Ring			
MATERIAL: ASTM-A48 GRAY IRON CLASS 35B		SCALE: 1/8"=1"	
Ring No: 8020152		DATE: 2/1/2009	
		DWN. BY: OD	
REV: 0	DATE:	REV BY:	QUOTE#

Attachment C: Group 3: Item 5


Cast Iron Frame

Style: USF No. 485 ring



SECTION A-A
SCALE 1 : 10

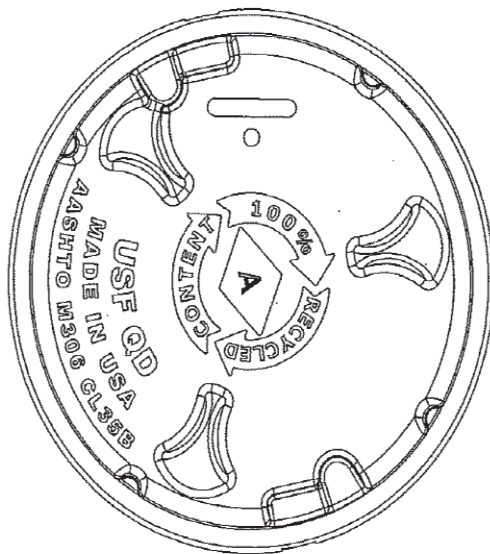
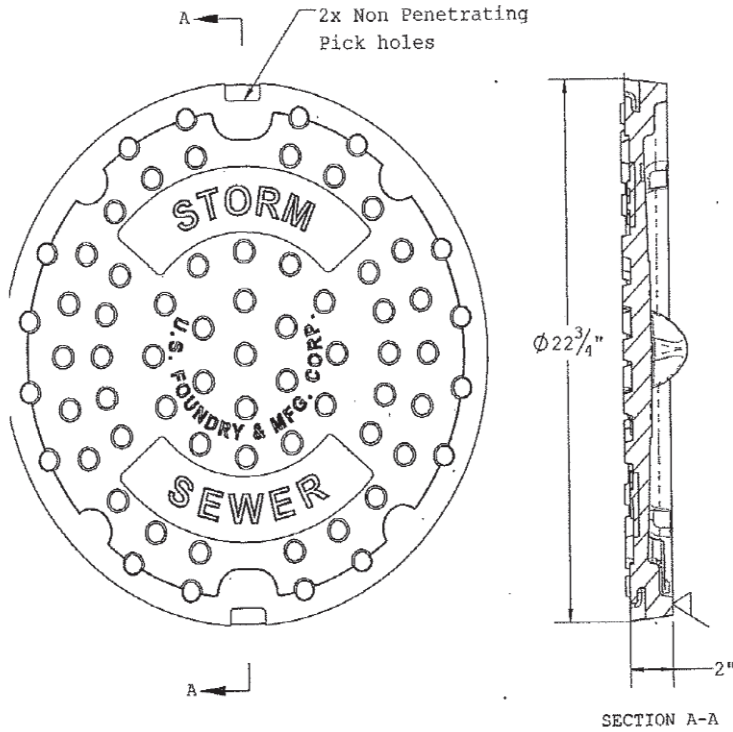
SECTION B-B
SCALE 1 : 10


 U.S. FOUNDRY & MFG. CORP. 8351 NW 93rd Street, Medley, FL 33166-2025 ph: 1-800-432-9709; fax: 305-687-9429 www.usfoundry.com © 2012 U.S. Foundry & Mfg. Corp. All Rights Reserved			
USF 485 Ring			
[USF485=USF3140; Optional Anchor holes]			
MATERIAL:		Gray Cast Iron ASTM-A48 Class 35B	
ITEM:	SAAN #	DRAWING	
Ring	8020155	USF 485	
		DATE	
		10/23/1981	
		DRAWN BY	
		MR	
REV	DATE	REV BY	QUOTE #
0			

Attachment C: Group 3: Item 6

Cast Iron Cover

Style: USF 'A' Cover



 US FOUNDRY 8351 NW 93rd Street Medley, FL, 33166-2025 ph: 1-800-432-9709 fax: 305-887-9429 www.usfoundry.com AN EAGLE MANUFACTURING COMPANY © 2014 All Rights Reserved.		
USF A Cover		
LOAD CLASSIFICATION:	Heavy Duty	
MATERIAL:	Gray Cast Iron AASHTO M306 Class 35B	
ITEM:	BAAN #	DRAWING
Cover	8010302	DATE 8/9/2002
		DRAWN BY ULS
REV 1	DATE 9/21/2015	REV BY ULS

Attachment D

Group 4: Steel Cover Plates and Assemblies

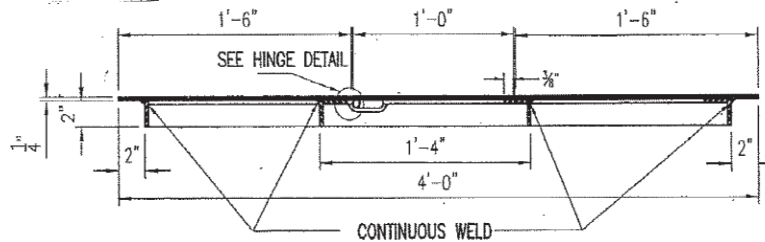
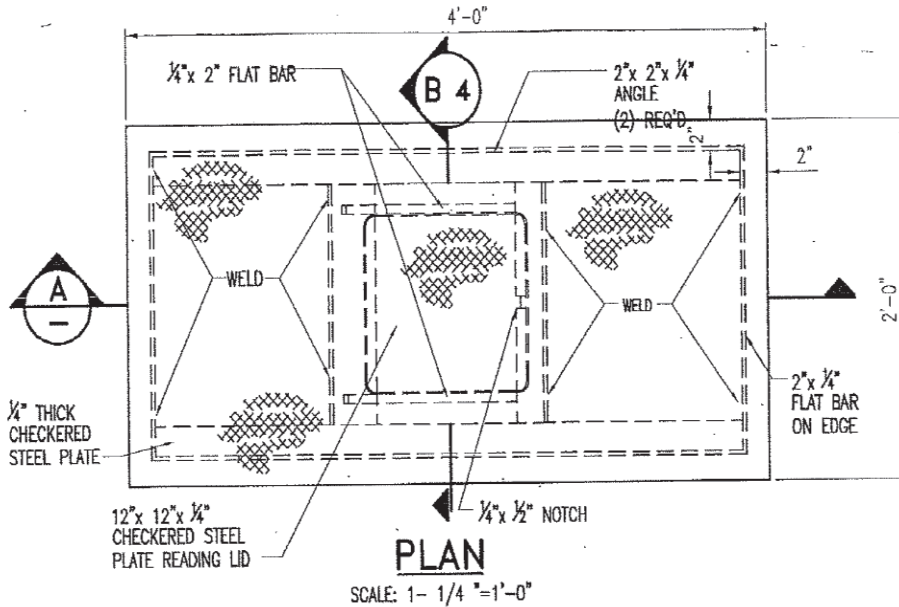
Item # 1 - 3

Attachment D: Group 4: Item# 1

(WS 2.17 a-b)

Steel Cover Plate for Non-Traffic Vault

Style: Standard 2' x 4'



NOTES:

- SUPPLIER SHALL PERMANENTLY MARK HIS NAME AND DATE OF MANUFACTURE ON BOTTOM OF EACH COVER BY WELDING, STAMPING OR AS APPROVED BY THE DEPARTMENT
- ALL WELDS SHALL BE CONTINUOUS.
- FOLLOWING FABRICATION THE ENTIRE UNIT SHALL BE THOROUGHLY CLEANED AND HOT-DIP GALVANIZED.

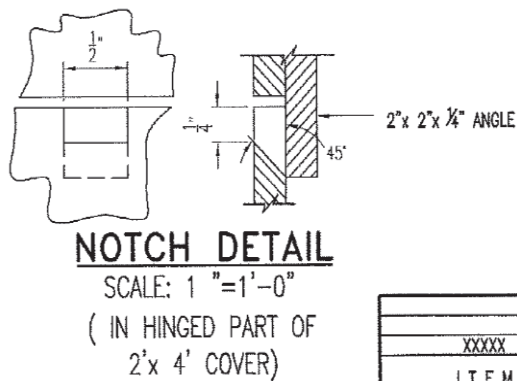
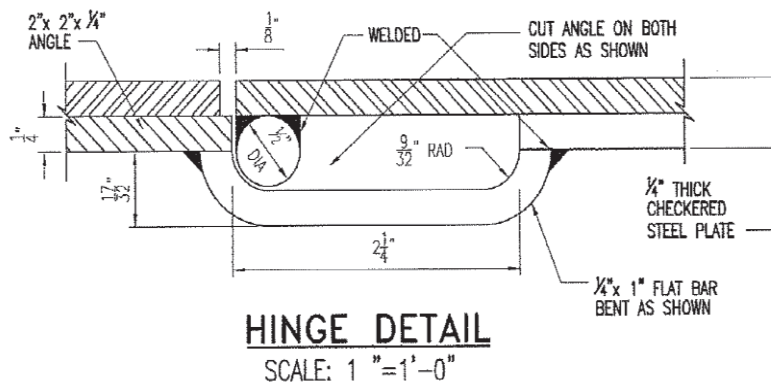
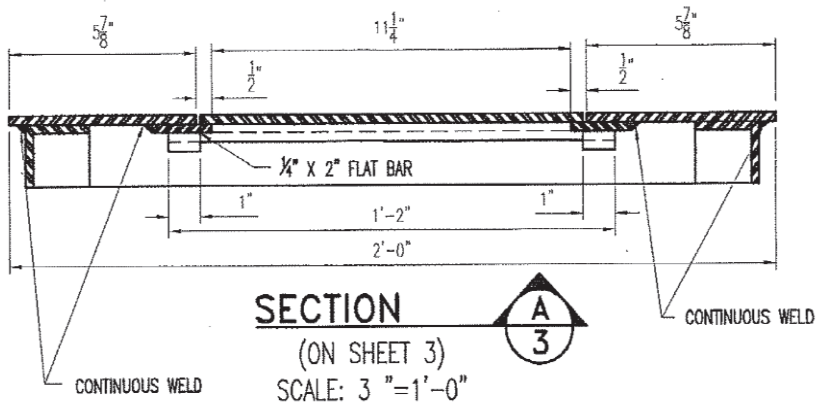


ISSUE DATE	APPROVED BY
11/01/2006	V. E. F.

STANDARD DETAIL
STANDARD 2' x 4'
STEEL COVER PLATE
FOR NON-TRAFFIC VAULT

XXXXX		
ITEM	CROSS REF.	SPEC. REF.

WS
2.17
SHEET 3 OF 5



XXXXX		
ITEM	CROSS REF.	SPEC. REF.



ISSUE DATE	APPROVED BY
11/01/2008	V. E. F.

STANDARD DETAIL
DETAILS OF 2'x4'
STEEL COVER PLATE
FOR NON-TRAFFIC VAULT

WS
2.17
SHEET 4 OF 5

(WS 3.15)

Style: Standard 34" x 34"




SCALE: 1-1/2"=1'



SCALE: 1"=1'

NOTES:

1. SUPPLIER SHALL MARK HIS NAME AND THE YEAR OF MANUFACTURE PERMANENTLY ON THE BOTTOM SIDE OF EACH COVER.
2. ALL WELDS SHALL BE CONTINUOUS.
3. FOLLOWING FABRICATION, THE ENTIRE UNIT SHALL BE THOROUGHLY CLEANED AND HOT-DIP GALVANIZED.

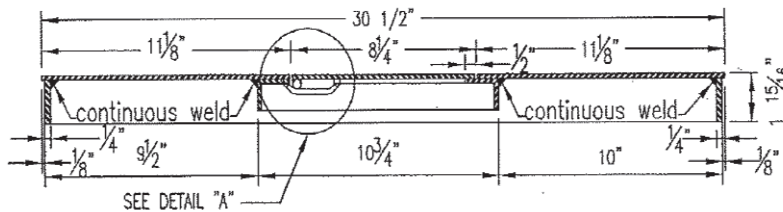
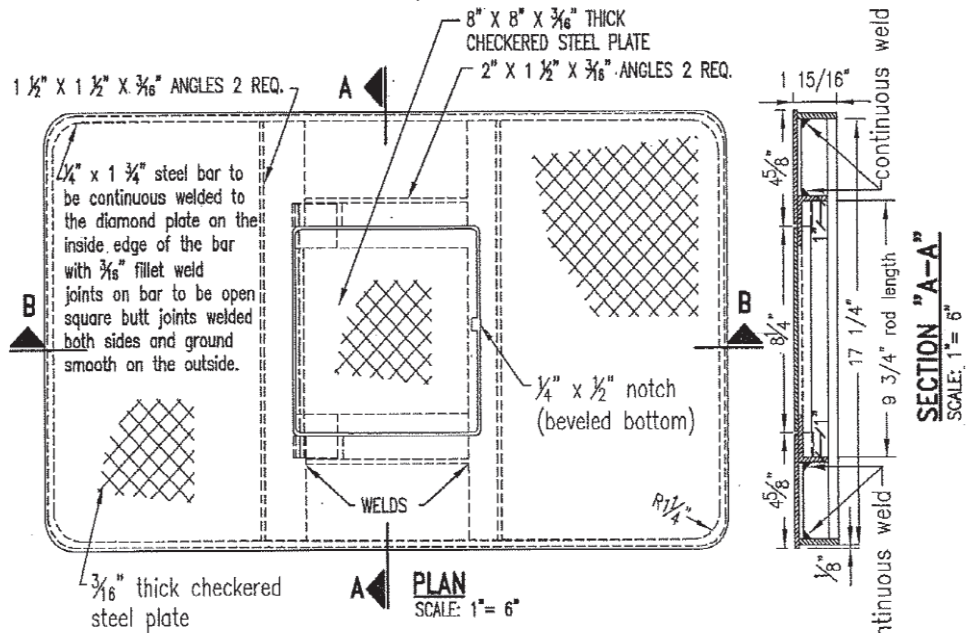
 MIAMI-DADE COUNTY <i>Delivering Excellence Every Day</i>	ISSUED DATE:	APPROVED BY:	STANDARD DETAIL STANDARD 34"x34" STEEL COVER PLATE FOR NON-TRAFFIC AREAS ONLY	WS 3.15 SHEET 2 OF 2
	11/01/2006	V. E. F.		

Attachment D: Group 4: Item# 3

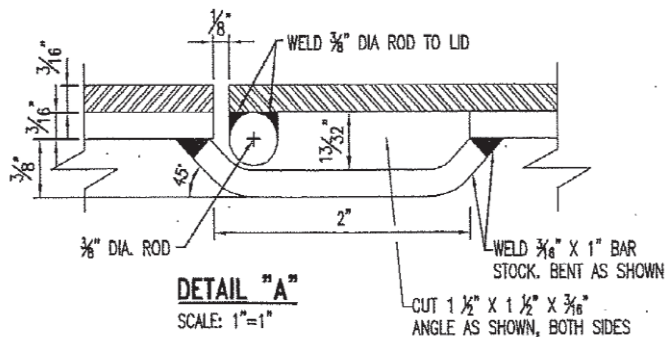
(WS 3.15)

Steel Cover Assembly for Concrete Meter Box

Style: No. 66-S




SECTION "B-B"
SCALE: 1" = 6"



NOTES:

1. FOLLOWING FABRICATION THE ENTIRE UNIT SHALL BE THOROUGHLY CLEANED AND HOT-DIP GALVANIZED.
2. SUPPLIER SHALL MARK HIS NAME AND THE YEAR OF MANUFACTURE PERMANENTLY ON THE BOTTOM SIDE OF EACH COVER.

 MIAMI-DADE COUNTY <i>Delivering Excellence Every Day</i>	ISSUED DATE:	APPROVED BY:	STANDARD DETAIL STEEL COVER ASSEMBLY FOR No. 66-S CONCRETE METER BOX	WS 3.15 SHEET 1 OF 2
	11/01/2006	V. E. F.		

Attachment E

Group 5: Precast Concrete Meter Boxes and Vaults

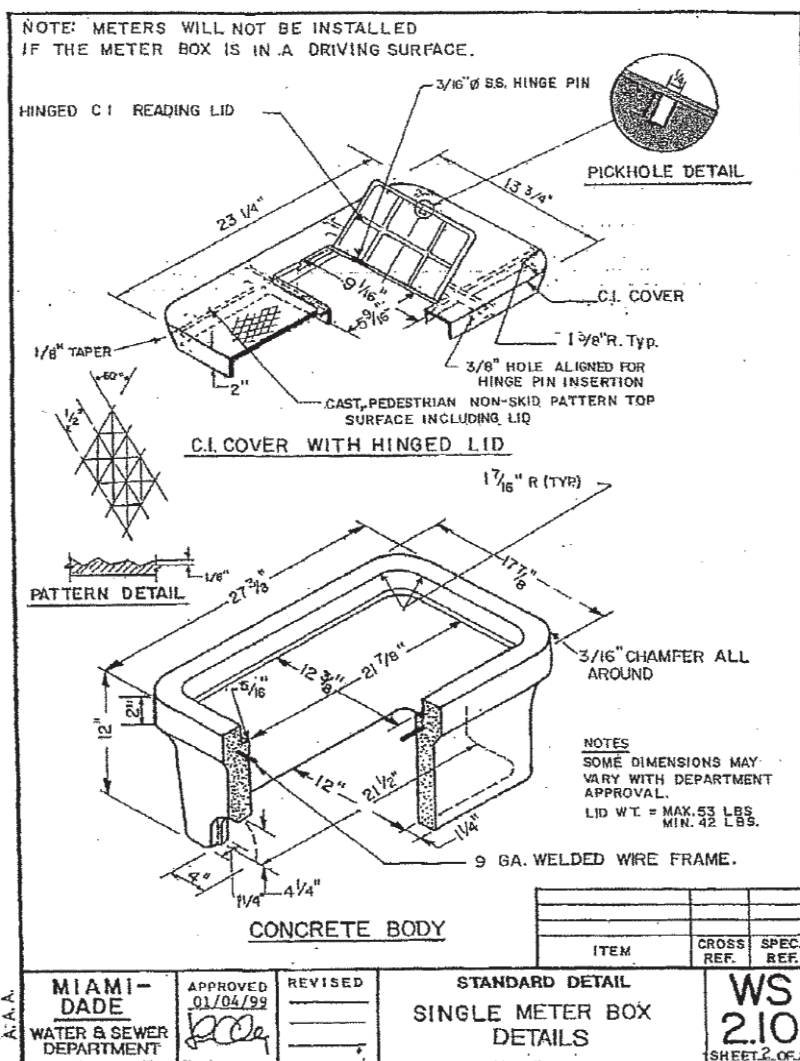
Item # 1 - 6

Attachment E: Group 5: Item# 1

(WS 2.10)

Concrete Single Meter Box

Includes: Concrete Body and Cover with Hinged Lid (Brooks-Oldcastle #38, or Equal)

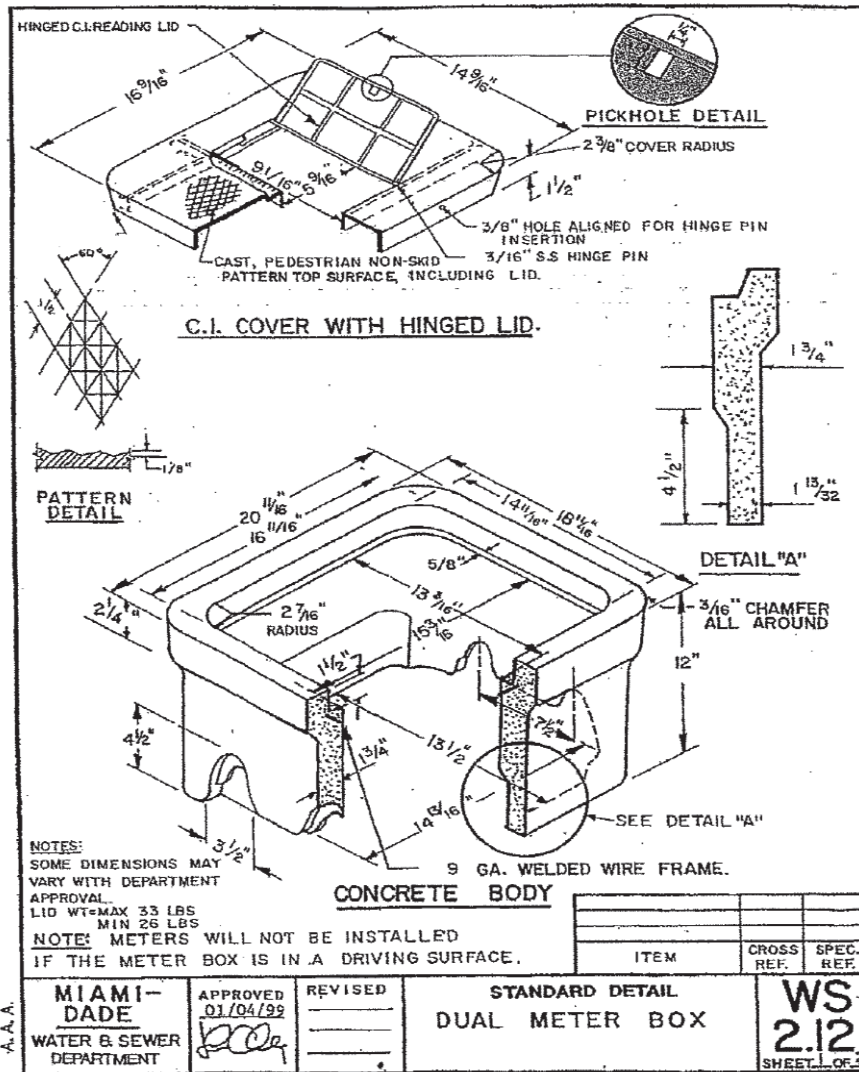


Attachment E: Group 5: Item# 2

(WS 2.12)

Concrete Dual Meter Box

(Body Only)

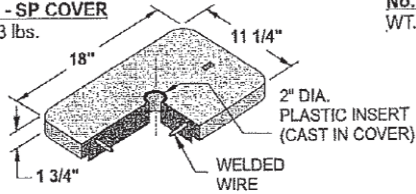


Attachment E: Group S: Item# 3

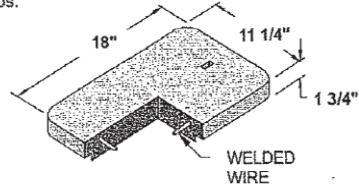
Concrete Meter Box

Size: 12" X 20" X 12" (Brooks-Oldcastle #37 or Equal)

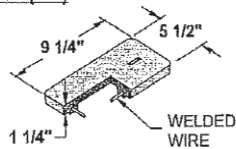
No. 37 - SP COVER
WT. 23 lbs.



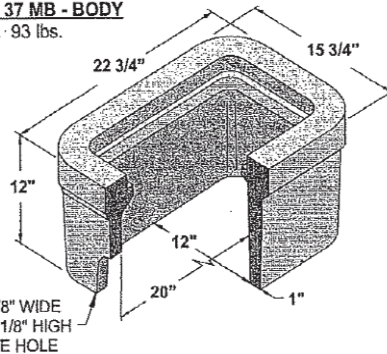
No. 37 MB - CONCRETE COVER
WT. 22 lbs.



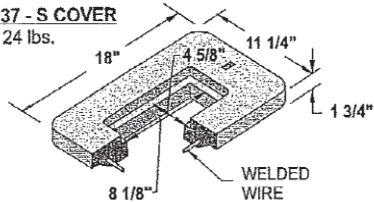
No. 37 - S LID (1-S)
WT. 5 lbs.



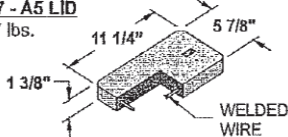
No. 37 MB - BODY
WT. 93 lbs.



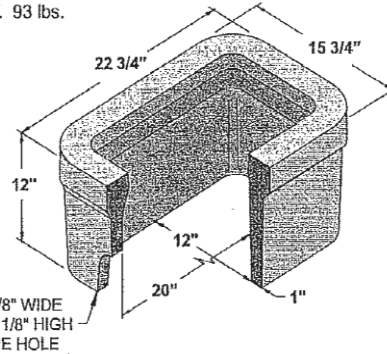
No. 37 - S COVER
WT. 24 lbs.



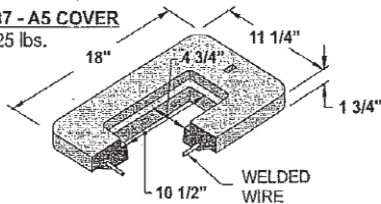
No. 37 - A5 LID
WT. 7 lbs.



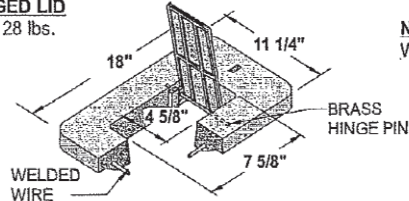
No. 37 MB - EXTENSION
WT. 93 lbs.



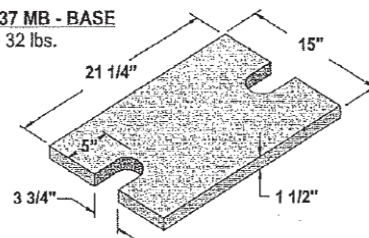
No. 37 - A5 COVER
WT. 25 lbs.



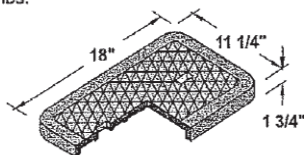
No. 37 - H COVER WITH CAST IRON HINGED LID
WT. 28 lbs.



No. 37 MB - BASE
WT. 32 lbs.



No. 37 - T CAST IRON COVER
WT. 22 lbs.



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

BROOKS
PRODUCTS

37MB

ORG. ENG. DATE 03-03-95 REV. ENG. DATE 12-06-00

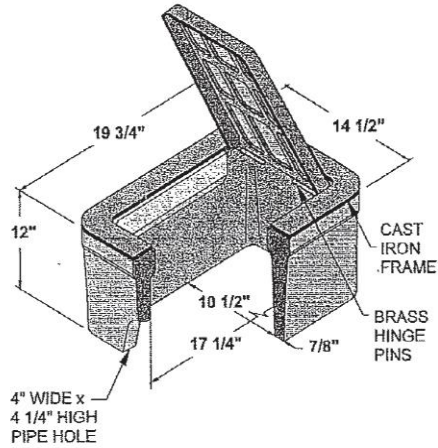
3
-
0
6

Attachment E: Group 5: Item# 4

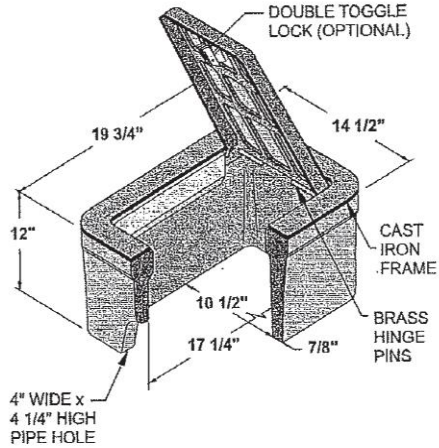
Concrete Meter Box

Size: 10.5" X 17.25" X 12" (Brooks-Oldcastle #36, or Equal)

**No. 36 - HF ASSEMBLY WITH
CAST IRON HINGED COVER**
WT. 106 lbs.

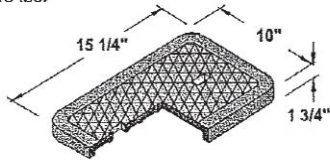


**No. 36 - HFL ASSEMBLY WITH
CAST IRON HINGED LOCKING COVER**
WT. 106 lbs.

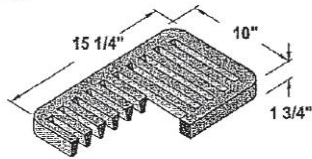


CAST IRON & STEEL COVERS

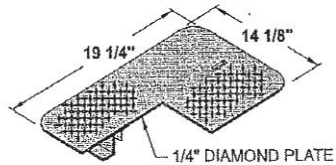
No. 36 - T CAST IRON COVER
WT. 16 lbs.



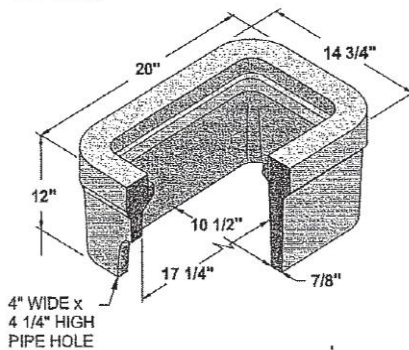
No. 36 - TG CAST IRON GRATE
WT. 13 lbs.



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)

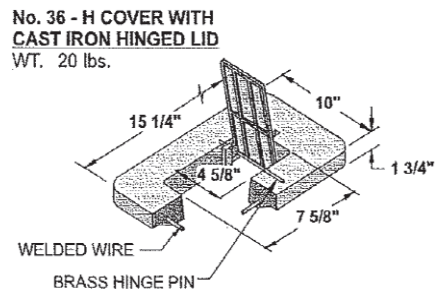
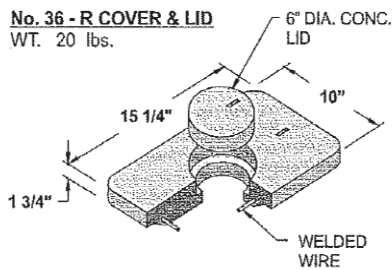
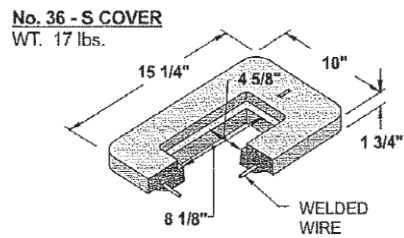
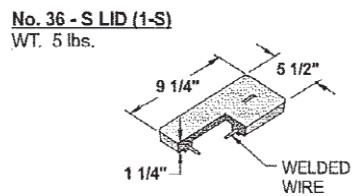
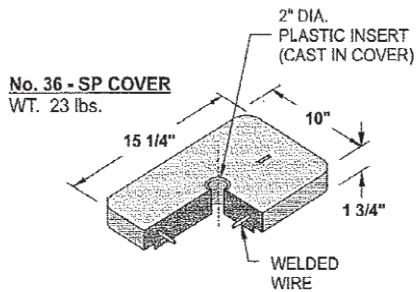
ORIG. DWG. DATE
03-03-95

REV. DWG. DATE
12-06-00

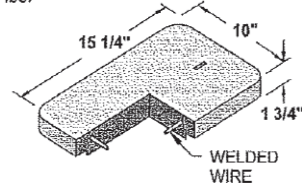
BROOKS
PRODUCTS

36-H MB

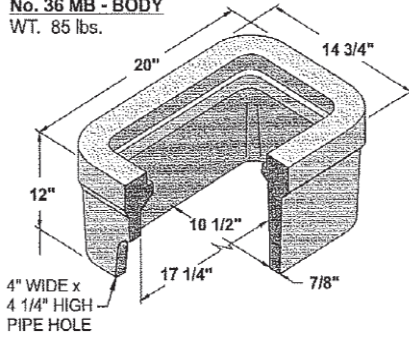
3
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5
B



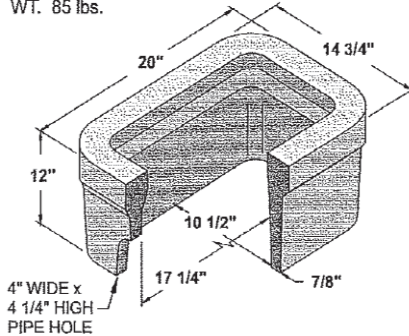
No. 36 MB - CONCRETE COVER
WT. 23 lbs.



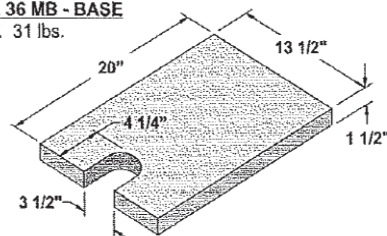
No. 36 MB - BODY
WT. 85 lbs.



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)

ORIG. DWG. DATE 03-03-95
REV. DWG. DATE 12-06-00

BROOKS
PRODUCTS

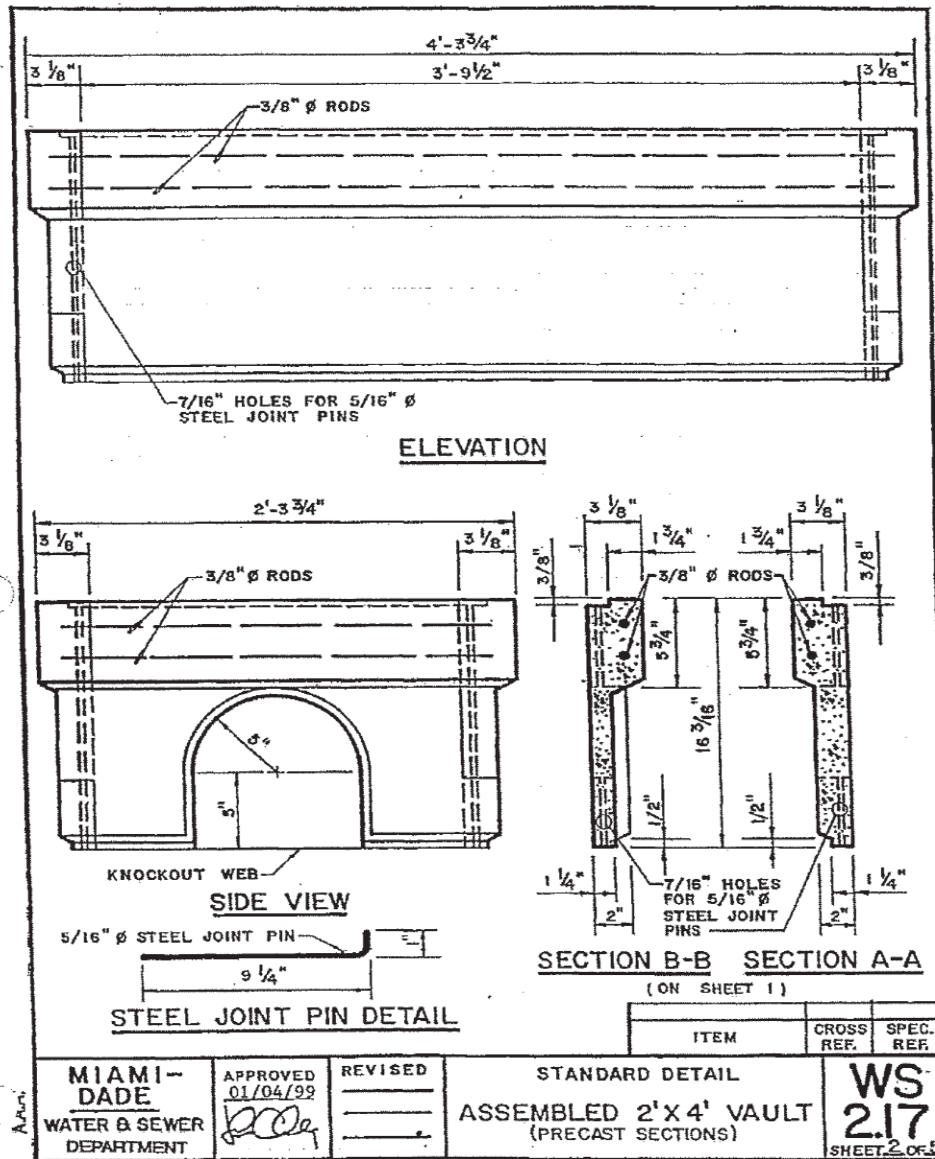
36MB

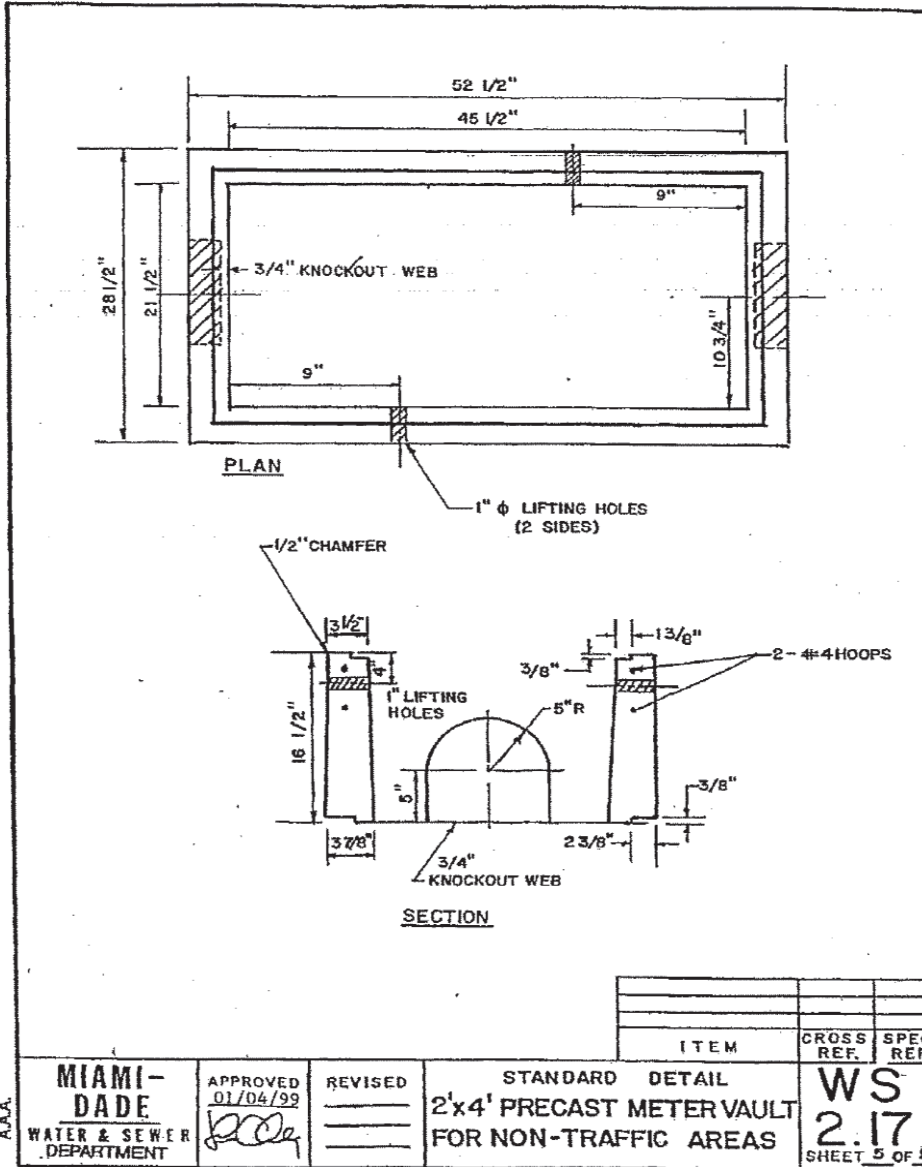
3
-
0
5

Attachment E: Group 5: Item# 5

Concrete Vaults for Non-Traffic Areas (1 -2)

Size: 2' X 4'

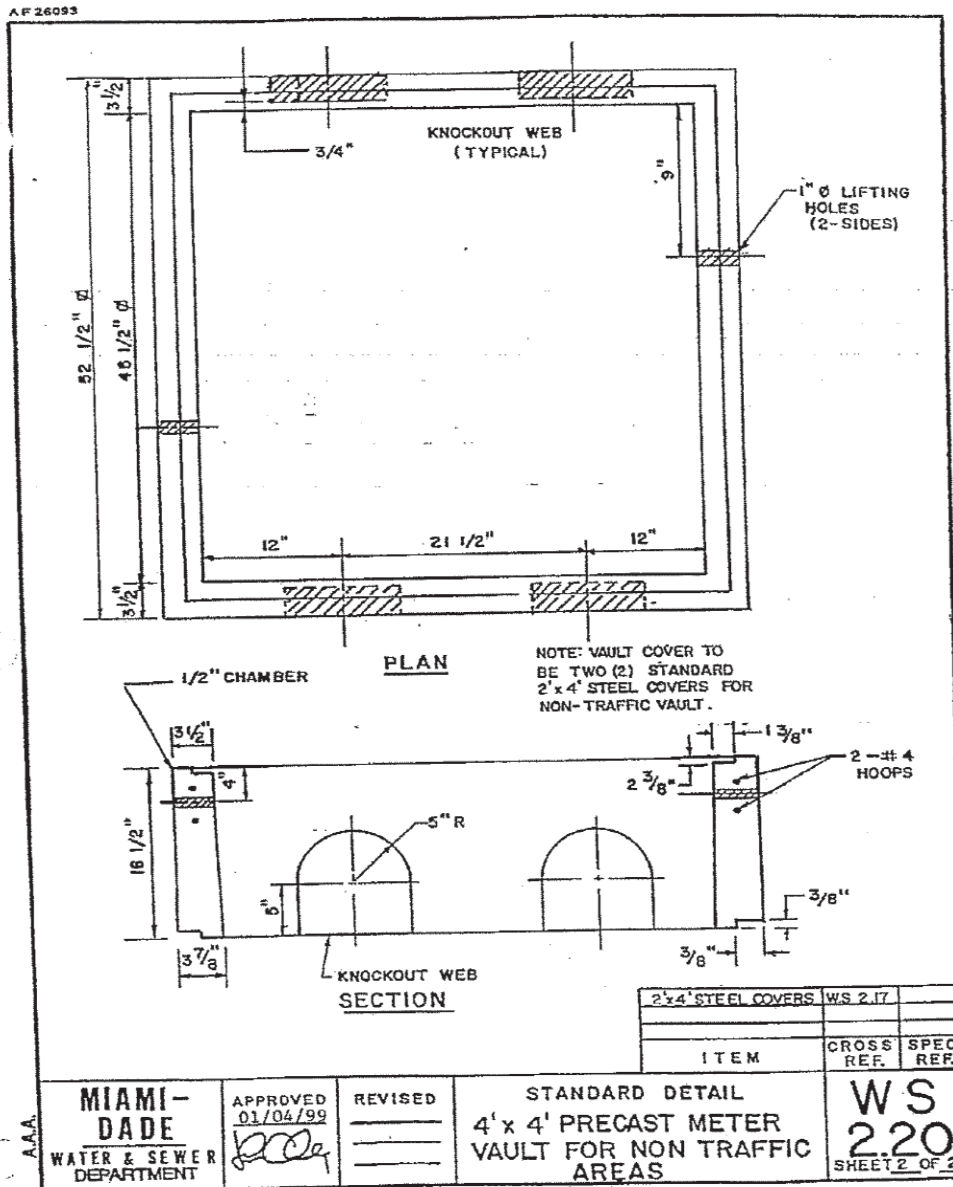




Attachment E: Group 5: Item# 6

Concrete Vaults for Non-Traffic Areas

Size: 4' X 4'



Section 4 Bid Submittal Form

Firm Name: _____

Group 1: Cast Iron Covers for Meters Boxes				
Item No	Estimated 5 year Qty.	Description	Reference	Unit Price
1	225	Cast Iron Cover For: 5/8" Meter Box	Group 1 Item # 1 No Drawing Available	\$
2	2925	Cast Iron Cover Style 36T: 3/4" Meter Box Style 37T: 1" Meter Box	Attachment A: Group 1 Item # 2 (W-8446-C)	\$
3	4950	Cast Iron Cover with Cast Iron Reading Lid For: 1" Meter Box	Attachment A: Group 1 Item # 3 (W-8878-C)	\$
4	10,800	Cast Iron Single Meter Box Cover Includes: Cover with Hinged Lid	Attachment A: Group 1 Item # 4 (WS 2.10)	\$
5	8,888	Cast Iron Dual Meter Box Cover Includes: Cover with Hinged Lid	Attachment A: Group 1 Item # 5 (WS 2.12)	\$

Group 2: Cast Iron Valve Boxes and Covers				
Item No	Estimated 5 year Qty.	Description	Reference	Unit Price
1	1244	Cast Iron Valve Box and Lid (No. 2)	Attachment B: Group 2 Item # 1 (WS 3.10)	\$
2	245	Cast Iron Valve Box and Lid (No. 53)	Attachment B: Group 2 Item # 2 (SS 13.0)	\$
3	200	Cast Iron Valve Box Body (No. 52)	Attachment B: Group 2 Item # 3 (USF 7605)	\$
4	1640	Cast Iron Valve Box (No. 3)	Attachment B: Group 2 Item # 4 (WS 3.11)	\$
5	1920	Cast Iron Lid (No. 3)	Attachment B: Group 2 Item # 5 (WS 3.11)	\$

Group 3: Cast Iron Manhole Frames and Covers				
Item No	Estimated 5 year Qty.	Description	Reference	Unit Price
1	374	Cast Iron Frame Style: USF No. 260 ring	Attachment C: Group 3 Item # 1	\$
2	312	Cast Iron Frame Style: USF No. 420 ring	Attachment C: Group 3 Item # 2	\$
3	100	Cast Iron Frame Style: USF No. 440 ring	Attachment C: Group 3 Item # 3	\$
4	2500	Cast Iron Frame Style: USF No. 465 ring	Attachment C: Group 3 Item # 4	\$
5	100	Cast Iron Frame Style: USF No. 485 ring	Attachment C: Group 3 Item # 5	\$
6	300	Cast Iron Cover Style: USF 'A' Cover	Attachment C: Group 3 Item #6	\$

Group 4: Steel Cover Plates and Assemblies				
Item No	Estimated 5 year Qty.	Description	Reference	Unit Price
1	250	Steel Cover Plate for Non-Traffic Vault Style: Standard 2' x 4'	Attachment D: Group 4 Item # 1 (WS 2.17 a-b)	\$
2	100	Steel Cover Plate for Non-Traffic Areas Only Style: Standard 34" x 34"	Attachment D: Group 4 Item # 2 (WS 3.15)	\$
3	118	Steel Cover Assembly for Concrete Meter Box Style: No. 66-S	Attachment D: Group 4 Item # 3 (WS 3.15)	\$

Group 5: Precast Concrete Meter Boxes and Vaults				
Item No	Estimated 5 year Qty.	Description	Reference	Unit Price
1	2700	Concrete Single Meter Box Includes: Concrete Body and Cover with Hinged Lid (Brooks-Oldcastle #38, or Equal)	Attachment E: Group 5 Item # 1 (WS 2.10)	\$
2	670	Concrete Dual Meter Box (Body Only)	Attachment E: Group 5 Item # 2 (WS 2.12)	\$

3	670	Concrete Meter Box Size: 12" X 20" X 12" (Brooks-Oldcastle #37 or Equal)	Attachment E: Group 5 Item # 3	\$
4	1567	Concrete Meter Box Size: 10.5" X 17.25" X 12" (Brooks-Oldcastle #36, or Equal)	Attachment E: Group 5 Item # 4	\$
5	542	Concrete Vaults for Non-Traffic Areas Size: 2' X 4'	Attachment E: Group 5 Item # 5 (WS 2.17)	\$
6	67	Concrete Vaults for Non-Traffic Areas Size: 4' X 4'	Attachment E: Group 5 Item # 6 (WS 2.20)	\$

DRAFT