



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

**5000128200 ONE YEAR MAINTENANCE CONTRACT FOR A SUPPLY OF
GATE AND BUTTERFLY VALVES FOR THE JEFFERSON PARISH
DEPARTMENT OF PUBLIC WORKS- ALL WATER DISTRICTS AND ALL
JEFFERSON PARISH AGENCIES AND MUNICIPALITIES**
Jefferson Parish Government

Project documents obtained from www.CentralBidding.com

16-Oct-2019 02:11:45 PM



Bid Number 50 – 00128200

ONE (1) YEAR MAINTENANCE CONTRACT FOR A SUPPLY OF GATE AND BUTTERFLY VALVES FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS- ALL WATER DISTRICTS AND ALL JEFFERSON PARISH AGENCIES AND MUNICIPALITIES

OCTOBER 31, 2019 AT 2:00 PM

ATTENTION VENDORS!!!

Please review all pages and respond accordingly, complying with all provisions in the technical specifications and Jefferson Parish Instructions for Bidders and General Terms and Conditions. All bids must be received in the Purchasing Department by the bid due date and time.

**Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053
Donna M Evans
DMEvans@Jeffparish.net
504-364-2691**

DATE: 10/15/2019
BID NO.: 50-00128200

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

JEFFERSON PARISH

PURCHASING DEPARTMENT
P.O. BOX 9
GRETN, LA. 70054-0009
504-364-2676

BUYER: DMEVANS@jeffparish.net

BIDS WILL BE RECEIVED IN THE WEST BANK PURCHASING DEPT. SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETN, LA 70053 UNTIL 2:00 PM, 10/31/2019 AND PUBLICLY OPENED THEREAFTER.

For convenience, bidders may also submit bids in the East Bank Purchasing Department, Suite 404, Jefferson Parish Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Jefferson LA 70123. However, if submitting bids on the day of bid opening, bidders must submit at the West Bank location only. All bids will be publicly opened at the West Bank location.

At no charge, bidders may also submit via Jefferson Parish's electronic procurement page by visiting www.jeffparishbids.net to register for this free site. Additional instructions are included in the text box highlighting electronic procurement.

LATE BIDS WILL NOT BE ACCEPTED

Unless submitting via online (see Page 3), each bid must be submitted in a sealed envelope bearing on the outside; the name of the Bidder, his address, and the name of the project for which the bid is submitted and the bid number.

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647.

Jefferson Parish adheres to the Louisiana Code of Governmental Ethics, contained in Louisiana Revised Statutes Annotated, R.S. 42:1101, et seq. Vendor/Proposer by this submission, warrants that there are no "conflicts of interest" related to this procurement that would violate applicable Louisiana Law. Violation of the Louisiana Code of Governmental Ethics may result in rescission of contract, permit or licenses, and the imposition of fines and/or penalties, without contractual liability to the public in accordance with applicable law.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Further, a current W-9 form and respective Tax Identification number must be supplied upon contract execution, should you be awarded a contract and/or issued purchase order. Failure to do so may result in delay of payment.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission

Bidders should submit all questions in writing via email to the buyer's email address as indicated above, no later than Five (5) working days prior to the bid opening. Bid numbers should be mentioned in all requests. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum. Please note that all official communication will be expressed in the form of an addendum.

All formal Addenda require written acknowledgement on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected. JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

A corporate resolution or written evidence of the individual signing the bid having such authority must be submitted with the bid. Failure to comply will cause bid to be rejected. For corporate entities, such written evidence may be a printout of the Louisiana Secretary of State's website listing the signatory as an officer. Such printout shall be included with the bid submission. Bids submitted by Owners or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. This documentation must be submitted with the bid. Failure to do so will result in bid rejection.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

PROTESTS: Only those vendors that submit bids in response to this solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

PREFERENCE: Unless federal funding is directly spent by Jefferson Parish for this purchase, preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA - R.S. 38:2251-2261"

B. USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online.

This is a secure site and authorized personnel have limited read access only. Bidders are encouraged to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at www.jeffparishbids.net to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 dated 12/09/09. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at <http://purchasing.jeffparish.net> and clicking on Online Forms.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

10,12,13,15

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(l), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37:2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.

BID NO.: 50-00128200

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

7. **PUBLIC WORKS BIDS:** All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. **NON-PUBLIC WORKS BIDS:** A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. **NON-PUBLIC WORKS BIDS:** A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Prior to contract executions/purchase order issuance, the successful bidder will be required to provide final insurance certificates which shall name Jefferson Parish as an additional insured in accordance with the instructions in the aforementioned "Standard Insurance Requirements" sheet.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies). If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. **PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required;** This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. **NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required** in conformity with the provisions contained in LSA - RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.
17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owned on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session - Louisiana Revised Statute 47:301(8)(c). Owner will furnish contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment.

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission; and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.

See Page 1 for Conflicts of Interest Statement

DATE: 10/15/2019

Page: 5

BID NO.: 60-00128200

BID FORM
Non Public Works**All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form**

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO X _____

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____ %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF _____

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

8-14 WEEKS

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) _____

THIS SECTION MUST BE COMPLETED BY BIDDER:FIRM NAME: Coburns SupplyADDRESS: 1849 Commercial DriveCITY, STATE: Harvey, LAZIP: 70058TELEPHONE: (225) 202-7808FAX: (504) 348-1095EMAIL ADDRESS: mtate@coburns.com

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: _____

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 619'989.94

AUTHORIZED

SIGNATURE: Mark TateMark Tate

Printed Name

TITLE: Outside Sales

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00128200

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			ONE YEAR CONTRACT FOR A SUPPLY OF GATE AND BUTTERFLY VALVES FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS- ALL WATER DISTRICTS AND ALL JEFFERSON PARISH AGENCIES AND MUNICIPALITIES		
1	1.00	EA	0020 - 3 INCH RESILIENT SEAT GATE VALVE, MECHANICAL JOINT (62201A)	384.50	384.50
			ONE (1) YEAR CONTRACT FOR A SUPPLY OF GATE AND BUTTERFLY VALVES FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS, ALL WATER DISTRICTS AND ALL JEFFERSON PARISH AGENCIES AND MUNICIPALITIES		
2	15.00	EA	0050 - 4 INCH RESILIENT SEAT GATE VALVE, MECHANICAL JOINT (62402A)	415.65	6234.75
3	60.00	EA	0090 - 6 INCH RESILIENT SEAT GATE VALVE, MECHANICAL JOINT (62405A)	531.33	31'879.80
4	80.00	EA	0120 - 8 INCH RESILIENT SEAT GATE VALVE, MECHANICAL JOINT (62408A)	850.00	68'000.00
5	3.00	EA	0150 - 10 INCH RESILIENT SEAT GATE VALVE, MECHANICAL JOINT (62411A)	1325.00	3975.00
6	5.00	EA	0180 - 12 INCH RESILIENT SEAT GATE VALVE, MECHANICAL JOINT (62414A)	1675.20	8376.00
7	1.00	EA	0210 - 14 INCH RESILIENT SEAT GATE VALVE, MECHANICAL JOINT (62416)	5415.00	5415.00
8	1.00	EA	0240 - 3 INCH RESILIENT SEAT GATE VALVE, FLANGE (62201)	380.40	380.40
9	1.00	EA	0270 - 4 INCH RESILIENT SEAT GATE VALVE, FLANGE (62400A)	422.15	422.15
10	50.00	EA	0300 - 6 INCH RESILIENT SEAT GATE VALVE, FLANGE (62403A)	553.60	27'680.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00128200

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
11	10.00	EA	0330 - 8 INCH RESILIENT SEAT GATE VALVE, FLANGE (62406A)	866.10	8661.00
12	1.00	EA	0360 - 10 INCH RESILIENT SEAT GATE VALVE, FLANGE (62409)	1387.77	1387.77
13	1.00	EA	0390 - 12 INCH RESILIENT SEAT GATE VALVE, FLANGE (62412)	1673.25	1673.25
14	1.00	EA	0420 - 14 INCH RESILIENT SEAT GATE VALVE, FLANGE	5415.00	5415.00
15	1.00	EA	0450 - 3 INCH RESILIENT SEAT GATE VALVE, MECHANICAL JOINT X FLANGE	365.70	365.70
16	5.00	EA	0480 - 4 INCH RESILIENT SEAT GATE VALVE, MECHANICAL JOINT X FLANGE (62636A)	399.60	1998.00
17	100.00	EA	0510 - 6 INCH RESILIENT SEAT GATE VALVE, MECHANICAL JOINT X FLANGE (62637A)	534.25	53425.00
18	20.00	EA	0540 - 8 INCH RESILIENT SEAT GATE VALVE, MECHANICAL JOINT X FLANGE (62638A)	834.75	16695.00
19	1.00	EA	0570 - 10 INCH RESILIENT SEAT GATE VALVE, MECHANICAL JOINT X FLANGE (62639)	1327.00	1327.00
20	1.00	EA	0600 - 12 INCH RESILIENT SEAT GATE VALVE, MECHANICAL JOINT X FLANGE (62640)	1610.15	1610.15
21	1.00	EA	0630 - 14 INCH RESILIENT SEAT GATE VALVE, MECHANICAL JOINT X FLANGE	5415.00	5415.00
22	1.00	EA	0640 - 6 INCH BUTTERFLY VALVE, MECHANICAL JOINT	1680.00	1680.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00128200

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
23	1.00	EA	0660 - 8 INCH BUTTERFLY VALVE, MECHANICAL JOINT	1873.30	1873.30
24	1.00	EA	0660 - 10 INCH BUTTERFLY VALVE, MECHANICAL JOINT	2055.25	2055.25
25	10.00	EA	0670 - 12 INCH BUTTERFLY VALVE, MECHANICAL JOINT (62360)	2100.17	21'001.70
26	2.00	EA	0680 - 14 INCH BUTTERFLY VALVE, MECHANICAL JOINT (62361)	3105.10	6210.20
27	1.00	EA	0690 - 16 INCH BUTTERFLY VALVE, MECHANICAL JOINT (62365)	3845.00	3845.00
28	10.00	EA	0700 - 18 INCH BUTTERFLY VALVE, MECHANICAL JOINT (62367)	4630.25	46'305.50
29	1.00	EA	0710 - 20 INCH BUTTERFLY VALVE, MECHANICAL JOINT (62372)	5000.00	5000.00
30	1.00	EA	0720 - 24 INCH BUTTERFLY VALVE, MECHANICAL JOINT (62349)	7312.69	7312.69
31	1.00	EA	0730 - 30 INCH BUTTERFLY VALVE, MECHANICAL JOINT (62374)	15'780.00	15'780.00
32	1.00	EA	0740 - 36 INCH BUTTERFLY VALVE, MECHANICAL JOINT (62375)	16'840.00	16'840.00
33	1.00	EA	0750 - 42 INCH BUTTERFLY VALVE, MECHANICAL JOINT	21'050.00	21'050.00
34	1.00	EA	0755 - 48 INCH BUTTERFLY VALVE, MECHANICAL JOINT	25'260.00	25'260.00
35	1.00	EA	0760 - 6 INCH BUTTERFLY VALVE, FLANGE (62356)	1680.00	1680.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00128200

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
36	1.00	EA	0770 - 8 INCH BUTTERFLY VALVE, FLANGE (62357)	1873.30	1873.30
37	1.00	EA	0780 - 10 INCH BUTTERFLY VALVE, FLANGE (62358)	2055.25	2055.25
38	1.00	EA	0790 - 12 INCH BUTTERFLY VALVE, FLANGE (62359)	2105.17	2105.17
39	1.00	EA	0800 - 14 INCH BUTTERFLY VALVE, FLANGE (62362)	3110.10	3110.10
40 41	1.00 .00	EA	0810 - 16 INCH BUTTERFLY VALVE, FLANGE 62366)	3845.00	3845.00
42	1.00	EA	0820 - 18 INCH BUTTERFLY VALVE, FLANGE (62370)	4635.25	4635.25
43	1.00	EA	0830 - 20 INCH BUTTERFLY VALVE, FLANGE (62371)	5000.00	5000.00
44	1.00	EA	0840 - 24 INCH BUTTERFLY VALVE, FLANGE (62348)	7312.69	7312.69
45	1.00	EA	0850 - 30 INCH BUTTERFLY VALVE, FLANGE (62347)	15'780.00	15'780.00
46	1.00	EA	0860 - 36 INCH BUTTERFLY VALVE, FLANGE (62348)	16'840.00	16'840.00
47	1.00	EA	0870 - 42 INCH BUTTERFLY VALVE, FLANGE (62345)	21'050.00	21'050.00
48	1.00	EA	0875 - 48 INCH BUTTERFLY VALVE, FLANGE	25'260.00	25'260.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00128200

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			(62344)		
49	5.00	EA	0880 - 3 INCH DOUBLE DISC GATE VALVE, FLANGE (62629)	715.70	4294.20
50	6.00	EA	0890 - 4 INCH DOUBLE DISC GATE VALVE, FLANGE (62632)	800.30	4801.80
51	16.00	EA	0900 - 6 INCH DOUBLE DISC GATE VALVE, FLANGE (62242)	1070.60	17129.60
52	12.00	EA	0910 - 8 INCH DOUBLE DISC GATE VALVE, FLANGE (62244)	1675.25	20103.00
53	6.00	EA	0920 - 10 INCH DOUBLE DISC GATE VALVE, FLANGE (62246)	2660.37	15962.22
54	1.00	EA	0930 - 12 INCH DOUBLE DISC GATE VALVE, FLANGE (62350)	3212.50	3212.50
55	1.00	EA	0940 - 14 INCH DOUBLE DISC GATE VALVE, FLANGE (62356)	8135.75	8135.75
56	1.00	EA	0950 - 16 INCH DOUBLE DISC GATE VALVE, FLANGE (62247)	10870.00	10870.00

Gate and Butterfly Valves

Contract

Items included in this contract.

1. Resilient Seat Gate Valve (Mechanical Joint End)
2. Resilient Seat Gate Valve (Flanged Joint End)
3. Resilient Seat Gate Valve (Mechanical By Flange Joint End)
4. Butterfly Valve (Mechanical Joint End)
5. Butterfly Valve (Flange Joint End)

Contract Terms:

A one (1) year contract for a supply of Gate and Butterfly Valves, for the Jefferson Parish Department of Public Works- all water districts and all Jefferson Parish agencies and municipalities.

Warranty:

Products shall be warranted that they are manufactured in accordance with the applicable material specifications and are free from defects in workmanship and materials for one year after delivery. Any defective items sold under this contract shall be replaced at no cost to the purchaser.

General Specifications:

This specification is prepared for the acquisition of gate valves (Items 0020, 0050, 0090, 0120, 0150, 0180 and 0210; Items 0240, 0270, 0300, 0330, 0360, 0390 and 0420; Items 0450, 0480, 0510, 0540, 0570, 0600, 0630 and 0880 thru 0950) and butterfly valves (Items 0640 thru 0755; Items 0760 thru 0875)

All items in this bid must be of domestic United States manufacture and meet all criteria set forth by AWWA, ASTM, ANSI, and federal and as specified hereafter.

All pertinent technical specifications and literature may be required upon request. Should technical specifications and literature be requested, bidder(s) will be required to submit said technical specifications and literature within ten (10) days of the request.

Clarification of Terms:

Terms such as "Domestic United States of America Manufacture" and/or "Made in United States" shall mean that every components of these products or items are 100% made, manufactured, assembled, etc. in the United States of America.

The quantities shown on the proposal guide are approximate quantities to be acquired by the project during the construction period. Actual usage will be on an "as needed" basis.

Bid delivery shall include all freight and delivery costs to Jefferson Parish waterworks on the east and west lines of the parish.

Technical Specifications

1. Items 0020, 0050, 0090, 0120, 0150, 0180 and 0210 are resilient seat gate valves, mechanical joint, domestically produced, AWWA C515
2. Items 0270, 0270, 0300, 0350, 0300, 0390 and 0420 are resilient seat gate valves, flanged end, domestically produced, AWWA C515.
3. Items 0450, 0480, 0510, 0540, 0570, 0600 and 0650 are resilient seat gate valves, mechanical joint by flanged end, domestically produced, AWWA C515
4. Items 0640 thru 0755 are butterfly valves, mechanical joint, domestically produced, AWWA C504 and Class 150B
5. Items 0760 thru 0875 are butterfly valves, flanged end, domestically produced, AWWA C504 Class 150B
6. Items 0880 thru 0950 are double disc gate valves, flanged end, and domestically produced, AWWA C500.

I. Resilient Seat Gate Valves:

Resilient seat gate valves shall be domestically produced cast or ductile iron and conform to the latest revision of AWWA resilient seated gate valve standard C515 (ductile iron only), be UL listed and FM approved for service to 250 psi, cold water, non-shock water works service and 200 psi fire protection service. Resilient seat gate valves having standard mechanical joint ends shall have dimensions complying with AWWA C111 and ANSI A21.11 to be used with cast iron, ductile iron and Class 200 cast iron O.D. PVC pipe.

Resilient seat gate valves with flanged ends shall have dimensions and drilled connections complying with ANSI B-16.1, Class 125#.

NRS stems shall be case bronze with integral collars in compliance with AWWA. The NRS stuffing box shall have two O-ring seals above the thrust collar and one below. The top two O-rings shall be field replaceable without removing the valve from service.

The operating nut is to be 2" square nut, counterclockwise operation and shall be independent of the wedge and of solid bronze.

Stuffing box shall be attached to the bonnet and bonnet to the body with factory installed type 316 stainless steel bolts and nuts. Blind bolts threaded directly into the body or bonnet will not be acceptable.

The body and bonnet shall be coated both interior and exterior with a fusion bonded heat cured thermo setting material meeting all the application and performance requirements of AWWA C550.

The gasket seal between two surfaces shall employ the use of composition ring type gaskets retained to prevent the possibility of blow out.

Each valve shall be hydrostatically tested at 500 psi and must meet the requirements of both AWWA and UL/FM and be rated for 250 psi AWWA service.

All valves must have ten year published manufacturer's warranty.

Valves shall be as manufactured by Mueller, American Flow Control, M&H, U.S. Pipe, Clow, ARD, Kennedy or Crispin.

II. Butterfly Valves:

All butterfly valves shall be domestically produced and conform to the latest revision of AWWA standard C504 "rubber-seated butterfly valves", Class 150B. All butterfly valves shall operate so that the valve will open when turning the two (2) inch operating nut in a counter-clockwise direction.

Valves bodies shall be cast iron, ASTM A-126, Class B. Valves shall be short body design with mechanical joint ends or flanged ends, Class 150B. Valves shall be furnished complete without accessories.

Valves shafts shall be manufactured of 304 stainless steel and shall be of the "stub shaft" or "through shaft" type. If a stub shaft is used, it shall be inserted into the valve disc hubs for a distance of at least 1-½ shaft diameters. The disc/shaft connection shall be achieved with a pin that penetrates completely through the center of the valve shaft. The valve shaft diameter extending through the valve bearings into the valve disc shall be not less than specified in table 4 of the AWWA C504-80. The shaft shall have a packing gland or O-ring in the top trunnion of the valve body where the shaft protrudes for the operator connection. Where a packing gland is used, packing shall be of the self-adjusting "V" type, or approved equal. Packing gland and packing must be accessible without valve disassembly.

The disc shall be cast or ductile iron with disc edges of type 316 stainless steel. On valves 30" or larger, the disc shall be a flow through design and shall have an offset design to provide 360 degree uninterrupted seating.

The valve seats shall be Buna-N or natural rubber and shall be secured to either the valve body or disc. Rubber seats on the disc shall be bonded and vulcanized to stainless steel disc ring to insure proper alignment. On valves 30" and larger, valve seats shall be designed to permit mechanical adjustment or replacement in the field. If the rubber seat is on the disc, the 316 stainless steel body seat shall have an O-ring behind it to ensure bi-directional shut off at 150 psi.

The valve shall be equipped with a manual actuator consisting of a totally enclosed traveling nut type mechanism set on the side of the valve for operating with a 2-inch operating nut set in the vertical position. Valves utilizing actuators with right angle drives will not be permitted. The manual operator shall be of a design by the valve manufacturer complying with the latest revision of AWWA C504, and capable of withstanding 450 foot pound actuator input torque against the stops.

All interior and exterior surfaces of the butterfly valves are to be coated by manufacturer prior to shipment with a fusion bonded heat cured thermo setting material meeting all performance and application requirements conforming to AWWA C550.

316 stainless steel nuts and bolts shall be supplied for the valve body and stuffing box.

Valves shall be as manufactured by Mueller, M&H, Clow, ARD, Kennedy, Crispin, APCO/Dezurik or Henry Pratt.

III. Double Disc Gate Valves:

Valves shall be manufactured in accordance with AWWA Standard C500-93. Valves 12" and smaller shall be designed for 200 psi water working pressure and 150 psi for valves 14"-48" inclusive. Valves shall have (MJ, Flanged or as indicated on plans) ends and shall have clear waterway equal to the full nominal diameter of the valve. Valves shall be double disc parallel seat type with (non-rising, rising) stems opening by turning (left, right) and provided with (2" square nuts, hand wheel), with arrow cast in metal to indicate direction of opening.

Stuffing Boxes shall be "O" ring seal type with two O-rings located in stem above thrust collar in valves without gearing. Sizes 14" through 48" there shall be a bronze bushing meeting ASTM B584.

Valves will be bottom wedging type with two part floating wedge contact. The wedge and hook shall be separate castings and not a one piece casting in valves 4"-36".

Stems shall be in full conformance with AWWA Specs. Sizes 14"-36" bronze ASTM B584 with 80,000 tensile strength, and cast integral stem collar. 42" and 48" shall be type 304 stainless steel.

Stem nuts shall be made of solid bronze independent of hooks, gates and wedges. No pins will be allowed to retain gates to stem nut.

Gates shall be high strength cast iron, sturdily proportioned without pockets on back. Cam surfaces shall open to bottom. Gate rings shall be rolled into dovetailed grooves under pressure to make one inseparable unit. The gate ring face shall be machined to a smooth finish.

All valves except flanged valves and outside screw and yoke valves are supplied with 2" square operating nuts of high strength cast iron unless otherwise specified. Flanged valves and outside screw and yoke valves are supplied with hand wheels of high strength cast iron unless otherwise specified. Direction of opening is indicated by arrow cast on operating nut skirt or on the rim of the hand wheel.

Valves shall be as manufactured by Mueller, M&H, Clow, ARD, Kennedy, Crispin, APCO/Dezurik or Henry Pratt.

Valve Comparison Chart

	Manufacturer	Gate Valves	Butterfly Valves
1	Mueller	A-2360	Lineal III, Lineal XP II, Lineal XP
2	Clow	2639	4500 & 1450
3	American Flow Control	Series 2500	
4	M&H	Series 4000 & 7000	450&1450
5	ARD	2640	450 & 1450
6	Kennedy	8571	450&1450
7	Crispin		500 & 47
8	U.S. PIPE		
9	Apco/Dezurik		BAW
10	Henry Pratt		Groundhog, Triton XR-70, 2FII, 2MII, MKII, HP 250II, HP250

STANDARD INSURANCE REQUIREMENTS FOR BIDDING PURPOSES

All required insurance under this bid shall conform to Jefferson Parish Resolution No. 113646 or No. 113647, as applicable. Contractors may not commence any work under any ensuing contract unless and until all required insurance and associated evidentiary requirements thereto have been met, along with any additional specifications contained in the Invitation to Bid. Except as where otherwise precluded by law, the Parish Attorney or his designee, with the concurrence of the Director of Risk Management or his designee, may agree on a case-by-case basis, to deviate from Jefferson Parish's standard insurance requirements, as provided in this Section. Vendors requesting deviation therefrom shall submit such requests in writing, along with compelling substantiation, to the Purchasing Department prior to the bid's due date. Any changes to the insurance requirements will be reflected in the bid specifications and addenda. Prior to contract execution and at all times thereafter during the term of such contract, contractors must provide and continuously maintain all coverages as required by the foregoing Resolutions, and the contract documents. Failure to do so shall be grounds for suspension, discontinuation or termination of the contract.

For bidding purposes, bidders must submit with bid submission a current (valid) insurance certificate evidencing the required coverages. Failure to comply will cause bid to be rejected. The current insurance certificate will be used for proof of insurance at time of evaluation. Thereafter, and prior to contract execution, the low bidder will be required to provide final insurance certificates to the Parish which shall name the Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council as additional insureds regarding negligence by the contractor for the Commercial General Liability, Workmen's Compensation Insurance and the Comprehensive Automobile Liability policies. Additionally, said certificates should reflect the name of the Parish Department receiving goods and services and reference the respective Jefferson Parish bid number.

JEFFERSON PARISH REQUIRED STANDARD INSURANCE

☐ WORKER'S COMPENSATION INSURANCE

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

Note: If your company is not required by law to carry workmen's compensation insurance, i.e. not a Louisiana company, sole employee of the company, then bidders must request a workmen's compensation insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being

rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event:

☐ **COMMERCIAL GENERAL LIABILITY**

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

☐ **COMPREHENSIVE AUTOMOBILE LIABILITY**

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.
Property Damage Liability \$1,000,000.00 each occurrence.

Note: This category may be omitted if bidders do not/will not utilize company vehicles for the project or do not possess company vehicles. Bidder must request an automobile insurance declaration affidavit prior to the bid opening date. The insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

DEDUCTIBLES - The Parish Attorney with concurrence of the Director of Risk Management have waived the deductible section of the Terms and Conditions for all Invitations to Bid, until further notice.

UMBRELLA LIABILITY COVERAGE

An umbrella policy or excess may be used to meet minimum requirements.

FOR CONSTRUCTION AND RENOVATION PROJECTS:

The following are required unless otherwise specified in the bid. Such insurance is due upon contract execution.

1) **OWNER'S PROTECTIVE LIABILITY**

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

2) **BUILDER'S RISK INSURANCE**

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.



COBURN SUPPLY COMPANY, INC.
1030 LAFAYETTE STREET
LAFAYETTE, LA 70501
PHONE (337) 314-1021
FAX: (337) 314-1054
390CELL: (337) 315-0767
jadams@coburns.com

MEMO

To: Mark Tate

From: James J. Adams

Company:

Title:

Phone:

Date: October 18, 2019

Re: Resolution for the Jefferson Parish (Bid Number 50-00128200)

☐ **Urgent**

☐ **For Review**

☐ **Please Comment**

☐ **Please Reply**

☐ **Please Recycle**

● **Comments:**

Michael

Enclosed is the original resolution authorizing you to submit, for and on behalf of Coburn, a bid to the Jefferson Parish (Bid Number 50-00128200) for a period of one (1) Year.

Please acknowledge, by email to me, your receipt of the above referred to resolutions.

Thanks

Jim


COBURN SUPPLY COMPANY, INC.
CORPORATE RESOLUTION

BE IT RESOLVED by the Board of Directors of Coburn Supply Company Inc. (Corporation), in a special meeting duly assembled, that Mark Tate (Agent) be and he is hereby authorized, empowered, and directed to act for and on behalf of this Corporation in all negotiations, bidding, concerns, and transactions and sign any and all documents which, in Agent's sole discretion, he deems necessary for this Corporation to transact and conduct business with the Jefferson Parish, Louisiana, Jefferson Parish Department of Public Works, all water districts and all Jefferson Parish agencies and municipalities (collectively, Government) relative to this Corporation submitting a bid to the Government for the purchase by the Government from Corporation of gate and butterfly valves for a period of one (1) year, for use parish wide, in connection with Jefferson Parish Government Bid Number 50-00128200.

CERTIFICATE

I, James J. Adams, Secretary of Coburn Supply Company, Inc., do hereby certify that the above and foregoing is a true and correct copy of a Resolution unanimously adopted at a special meeting of the Board of Directors of Coburn Supply Company, Inc., at which meeting at least a majority of the Board of Directors were present and voted thereon, that said Resolution has been spread upon the minute books of Coburn Supply Company, Inc., and same is now in full force and effect.

WITNESS MY SIGNATURE on October 18, 2019, in Lafayette, Louisiana.


James J. Adams, Secretary of
Coburn Supply Company, Inc.


CORPORATE SEAL

Non-Public Works Bid

AFFIDAVIT

STATE OF LA

PARISH/COUNTY OF LIVINGSTON

BEFORE ME, the undersigned authority, personally came and appeared: Mark
Tate, (Affiant) who after being by me duly sworn, deposed and said that
he/she is the fully authorized outside Sales Rep of Coburns Supply (Entity),
the party who submitted a bid in response to Bid Number 5000128200, to the Parish of
Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required
attachment):

Choice A _____ Attached hereto is a list of all campaign contributions, including
the date and amount of each contribution, made to current or
former elected officials of the Parish of Jefferson by Entity,
Affiant, and/or officers, directors and owners, including
employees, owning 25% or more of the Entity during the two-year
period immediately preceding the date of this affidavit or the
current term of the elected official, whichever is greater. Further,
Entity, Affiant, and/or Entity Owners have not made any
contributions to or in support of current or former members of the
Jefferson Parish Council or the Jefferson Parish President through
or in the name of another person or legal entity, either directly or
indirectly.

Choice B ✓ there are NO campaign contributions made which would require
disclosure under Choice A of this section.

Debt Disclosures

Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B ✓ There are NO debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

[The remainder of this page is intentionally left blank.]

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Mark Tate

Signature of Affiant

Mark Tate

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 28th DAY OF Oct, 2019.

J. Hissong

Notary Public

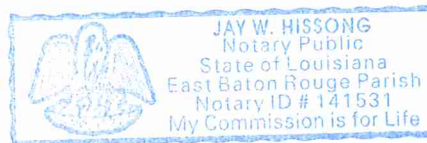
Jay Hissong

Printed Name of Notary

141531

Notary/Bar Roll Number

My commission expires c death.



ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/21/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER J. S. Edwards & Sherlock Insurance Agency, LLP P. O. Box 22237 Beaumont, TX 77720	CONTACT NAME: Ginny Johnson PHONE (A/C, No, Ext): 409 832-7736 FAX (A/C, No): 409-833-1721 E-MAIL ADDRESS: ginny@edwardsandsherlock.com														
INSURED Coburn Supply Co Inc P O Box 2177 Beaumont, TX 77704	<table border="1"> <thead> <tr> <th data-bbox="812 426 1429 453">INSURER(S) AFFORDING COVERAGE</th> <th data-bbox="1429 426 1560 453">NAIC #</th> </tr> </thead> <tbody> <tr> <td data-bbox="812 453 1429 485">INSURER A : Liberty Insurance Corporation</td> <td data-bbox="1429 453 1560 485">42404</td> </tr> <tr> <td data-bbox="812 485 1429 516">INSURER B : Liberty Mutual Fire Insurance Company</td> <td data-bbox="1429 485 1560 516">23035</td> </tr> <tr> <td data-bbox="812 516 1429 548">INSURER C :</td> <td data-bbox="1429 516 1560 548"></td> </tr> <tr> <td data-bbox="812 548 1429 579">INSURER D :</td> <td data-bbox="1429 548 1560 579"></td> </tr> <tr> <td data-bbox="812 579 1429 611">INSURER E :</td> <td data-bbox="1429 579 1560 611"></td> </tr> <tr> <td data-bbox="812 611 1429 636">INSURER F :</td> <td data-bbox="1429 611 1560 636"></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Liberty Insurance Corporation	42404	INSURER B : Liberty Mutual Fire Insurance Company	23035	INSURER C :		INSURER D :		INSURER E :		INSURER F :	
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INSURER E :															
INSURER F :															

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

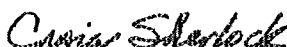
INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC			TB7691460237038	11/01/2018	11/01/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			AS2691460237028	11/01/2018	11/01/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10000			TH7691460237058	11/01/2018	11/01/2019	EACH OCCURRENCE \$ 15,000,000 AGGREGATE \$ 15,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WA769D460237018	11/01/2018	11/01/2019	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

The General Liability & Auto Liability policies include a blanket automatic additional insured endorsement that provides additional insured status only when there is a written contract that requires such status. Primary & Non-Contributory coverage is provided on a blanket basis when there is a written contract that requires such status with respects to the General Liability coverage. A Waiver of Subrogation is included on blanket basis with respects to the Workers' Compensation, General Liability & Auto Liability status only when there is a written contract that requires such status. Umbrella is written on follow form

CERTIFICATE HOLDER

CANCELLATION

Jefferson Parish Purchasing Department 200 Derbigny Street, Suite 4400 Gretna, LA 70053	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
--	---

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location(s) Of Covered Operations
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

- C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable Limits of Insurance shown in the Declarations;
whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**PRIMARY AND NONCONTRIBUTORY –
OTHER INSURANCE CONDITION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

The following is added to the **Other Insurance** Condition and supersedes any provision to the contrary:

Primary And Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

- (1) The additional insured is a Named Insured under such other insurance; and

- (2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

POLICY NUMBER:

COMMERCIAL GENERAL LIABILITY
CG 24 04 05 09

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Person Or Organization:

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The following is added to Paragraph 8. **Transfer Of Rights Of Recovery Against Others To Us** of Section IV – Conditions:

We waive any right of recovery we may have against the person or organization shown in the Schedule above because of payments we make for injury or damage arising out of your ongoing operations or "your work" done under a contract with that person or organization and included in the "products-completed operations hazard". This waiver applies only to the person or organization shown in the Schedule above.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED INSURED FOR COVERED AUTOS LIABILITY COVERAGE

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" for Covered Autos Liability Coverage under the Who Is An Insured provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage Form.

SCHEDULE

Name Of Person(s) Or Organization(s):
Any person or organization whom you have agreed in writing to add as an additional insured, but only to coverage and minimum limits of insurance required by the written agreement, and in no event to exceed either the scope of coverage or the limits of insurance provided in this policy.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

Each person or organization shown in the Schedule is an "insured" for Covered Autos Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Paragraph A.1. of Section II - Covered Autos Liability Coverage in the Business Auto and Motor Carrier Coverage Forms and Paragraph D.2. of Section I - Covered Autos Coverages of the Auto Dealers Coverage Form.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**WAIVER OF TRANSFER OF RIGHTS OF RECOVERY
AGAINST OTHERS TO US (WAIVER OF SUBROGATION)**

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

SCHEDULE

Name(s) Of Person(s) Or Organization(s):

Any person or organization for whom you perform work under a written contract if the contract requires you to obtain this agreement from us, but only if the contract is executed prior to the injury or damage occurring.

Premium: \$ INCL

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The Transfer Of Rights Of Recovery Against Others To Us condition does not apply to the person(s) or organization(s) shown in the Schedule, but only to the extent that subrogation is waived prior to the "accident" or the "loss" under a contract with that person or organization.

TEXAS WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

This endorsement applies only to the insurance provided by the policy because Texas is shown in Item 3.A. of the Information Page.

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule, but this waiver applies only with respect to bodily injury arising out of the operations described in the Schedule where you are required by a written contract to obtain this waiver from us.

This endorsement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

The premium for this endorsement is shown in the Schedule.

Schedule

1. ☐ Specific Waiver
Name of person or organization

☒ Blanket Waiver

Any person or organization for whom the Named Insured has agreed by written contract to furnish this waiver.

2. Operations:
All Texas operations

3. Premium:
The premium charge for this endorsement shall be 2 percent of the premium developed on payroll in connection with work performed for the above person(s) or organization(s) arising out of the operations described.

4. Advance Premium:

Issued by Liberty Insurance Corporation 21814

For attachment to Policy No. WA7-69D-460237-018

Effective Date

Premium \$

Issued to Coburn Supply Company, Inc.

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Where required by contract or written agreement prior to loss and allowed by law

In the states of Alabama, Mississippi, the premium charge is 2% of the total manual premium, subject to a minimum premium of \$100 per policy.

In the state of Louisiana, the premium charge is 2% of the total standard premium, subject to a minimum premium of \$250 per policy.

In the state of Tennessee, the premium charge is 2% of the total manual premium, subject to a minimum premium of \$250 per policy.

Issued by Liberty Insurance Corporation 21814

For attachment to Policy No. WA7-69D-460237-018

Effective Date

Premium \$

Issued to Coburn Supply Company, Inc.



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Renny Simno
Director

June 2019

CHANGES TO JEFFERSON PARISH BIDDING PROCEDURES

The Jefferson Parish Purchasing Department would like to make vendors aware of the following changes:

DEDUCTIBLES: The Parish Attorney with concurrence of the Director of Risk Management have waived the deductible section of the Terms and Conditions for all Invitations to Bid, until further notice.

PROTESTS: Only those vendors that submit bids in response to a solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

Please contact the Jefferson Parish Purchasing Department at 504-364-2678 if you have any questions or need assistance.

Joseph S. Yenni Building – 1221 Elmwood Park Blvd., Ste. 404, Jefferson, LA 70123

Office 504.364.2678

General Government Bldg. – 200 Derbigny St – Suite 4400 - Gretna, LA 70053

Office 504.364.2678

Email: Purchasing@jeffparish.net Website: www.jeffparish.net



M&H VALVE COMPANY

605 West 23rd Street, Anniston, Alabama 36201 (P) 256-237-3521 (F) 256-741-6253

October 24, 2019

Jefferson Parish, Department of Engineering
1221 Elmwood Park Blvd. Suite 801
Jefferson, LA 70123

Reference: Domestic Made Products

To Whom It May Concern;

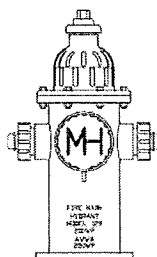
This letter is to certify that for M&H products marked as "100% Domestic" all components of these products have been manufactured (cast, wrought or molded), machined, coated and assembled in the U.S.A. This includes all iron and steel components (including all fasteners), all brass components and all non-metal components (including O-rings and seals).

100% Domestic products are available in Resilient Seated Gate Valves (sizes 2" thru 14"), Butterfly Valves (sizes 3" thru 48"), and Double Disc Gate Valves (sizes 3" thru 16").

If you have any other questions or concerns about this, please let me know.

Thanks,

Griffin Herb
Inside Sales Manager
M&H Valve Co.



M&H Valve Co.

October 24th 2019

Jefferson Parish Valve Bid 2019-2020

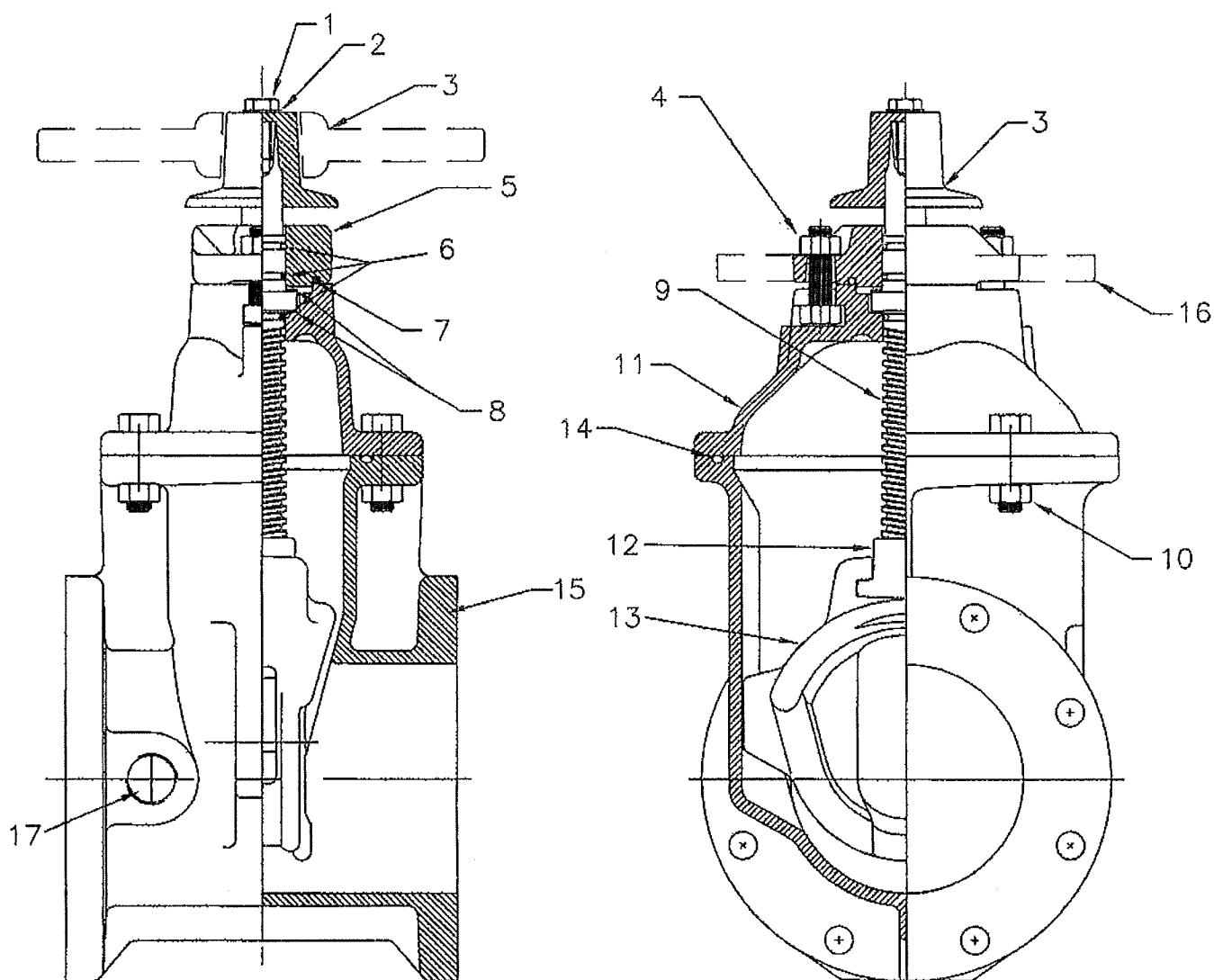
100% Domestic Lead Times

Resilient-Seated Gate Valves.....8-12 Weeks

Butterfly Valves.....10-12 Weeks

Double Disc Gate Valves.....12-13 Weeks

ITEM	DESCRIPTION	MATERIAL	ASTM SPEC.
1	HOLD DOWN HEX BOLT	316 STAINLESS STEEL	ASTM F593C
2	HOLD DOWN BOLT FLAT WASHER	316 STAINLESS STEEL	ASTM F593C
3	OPERATING NUT OR HANDWHEEL	CAST IRON	ASTM A126 CLASS B
4	BOLTS/NUTS (STUFFING BOX)	316 STAINLESS STEEL	ASTM F593C / F594
5	STUFFING BOX/FOLLOWER PLATE	DUCTILE IRON	ASTM A536 70-50-05
6	O-RING (STEM) QTY=3	BUNA N	-----
7	O-RING (STUFFING BOX)	NBR	-----
8	THRUST WASHER BEARING	DELIN	-----
9	STEM (AWWA GRADE C)	BRONZE	ASTM B763 C99500
10	HEX HEAD BOLTS & NUTS	316 STAINLESS STEEL	ASTM F593C / F594
11	COVER/BONNET	DUCTILE IRON	ASTM A536 70-50-05
12	STEM NUT (AWWA GRADE A)	BRONZE	ASTM C87850
13	WEDGE/DISC/GATE	DUCTILE IRON (EPDM COATED)	ASTM A536 70-50-05
14	O-RING (COVER)	NBR	-----
15	BODY (ALL TYPES)	DUCTILE IRON	ASTM A536 70-50-05
16	OPTIONAL POST PLATE (3"-12")	DUCTILE IRON	ASTM A536 70-50-05
17	PIPE PLUG (OPTIONAL)	GALVANIZED STEEL	-----



M&H VALVE COMPANY
ANNISTON, ALABAMA
A DIVISION OF MCWANE INC.

DWN: ZF
DATE: 9/28/16
DWG. NO.
Q16-90005

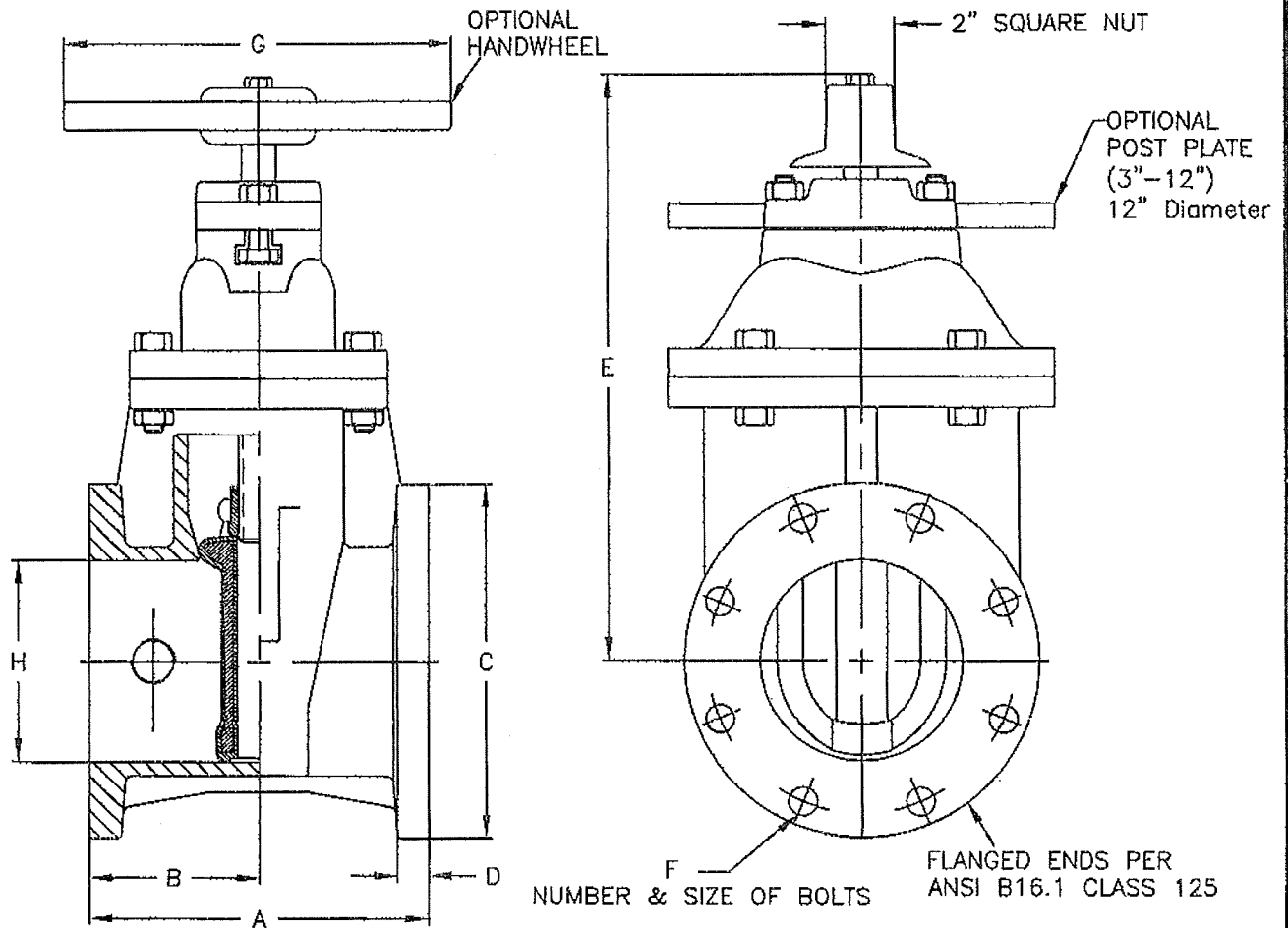
3" THRU 12"
RESILIENT SEAT GATE VALVE, C515
2" OP NUT, DOMESTIC, 316 FSTNRS
VALVE ASSEMBLY/MATERIAL LIST



COMPLIES WITH
APPLICABLE
REQUIREMENTS OF
AWWA C515

7561
7561-HW
7561-P

WITH 2" SQUARE NUT
WITH HANDWHEEL
WITH POST PLATE (3"-12")



VALVE SIZE	A	B	C	D	E	F	G	H	WEIGHT 2" NUT
**3	8	4	7 1/2	3/4	12 3/8	4-5/8	10	3	68
4	9	4 1/2	9	15/16	14 3/4	8-5/8	10	4 1/4	75
6	10 1/2	5 1/4	11	1	19	8-3/4	12	6 1/4	119
8	11 1/2	5 3/4	13 1/2	1 1/8	22 1/2	8-3/4	14	8 1/4	178
10	13	6 1/2	16	1 3/16	26 1/2	12-7/8	18	10 1/4	298
12	14	7	19	1 1/4	30	12-7/8	18	12 1/4	399

HANDWHEEL--ADD 1# (2" - 2 1/2"), 6.5# (3"-4"), 7#(6"), 10#(8"), 15#(10" & 12")

INDICATOR POST PLATE ADD 16# (3"-12") ONLY

PALLET QUANTITIES 2" NUT: 46(2 1/2"), 36(3"), 30(4"), 24(6"), 10(8"), 6(10"), 6(12")

PALLET QUANTITIES HANDWHEEL: 36(2" & 2 1/2"), 30(3"), 40(4"), 18(6"), 8(8"), 6(10"), 4(12")

TURNS TO OPEN: 7 3/4(2"), 8(2 1/2"), 10(3"), 13 1/2(4"), 19 1/2(6"),

25 1/2(8"), 31 1/2(10"), 37 3/4(12")

**2" to 3" SIZES FULL WALL DUCTILE (PER AWWA C509 DIMENSIONS)

M&H VALVE COMPANY
ANNISTON, ALABAMA
A DIVISION OF MCWANE INC.

DWN: ZF

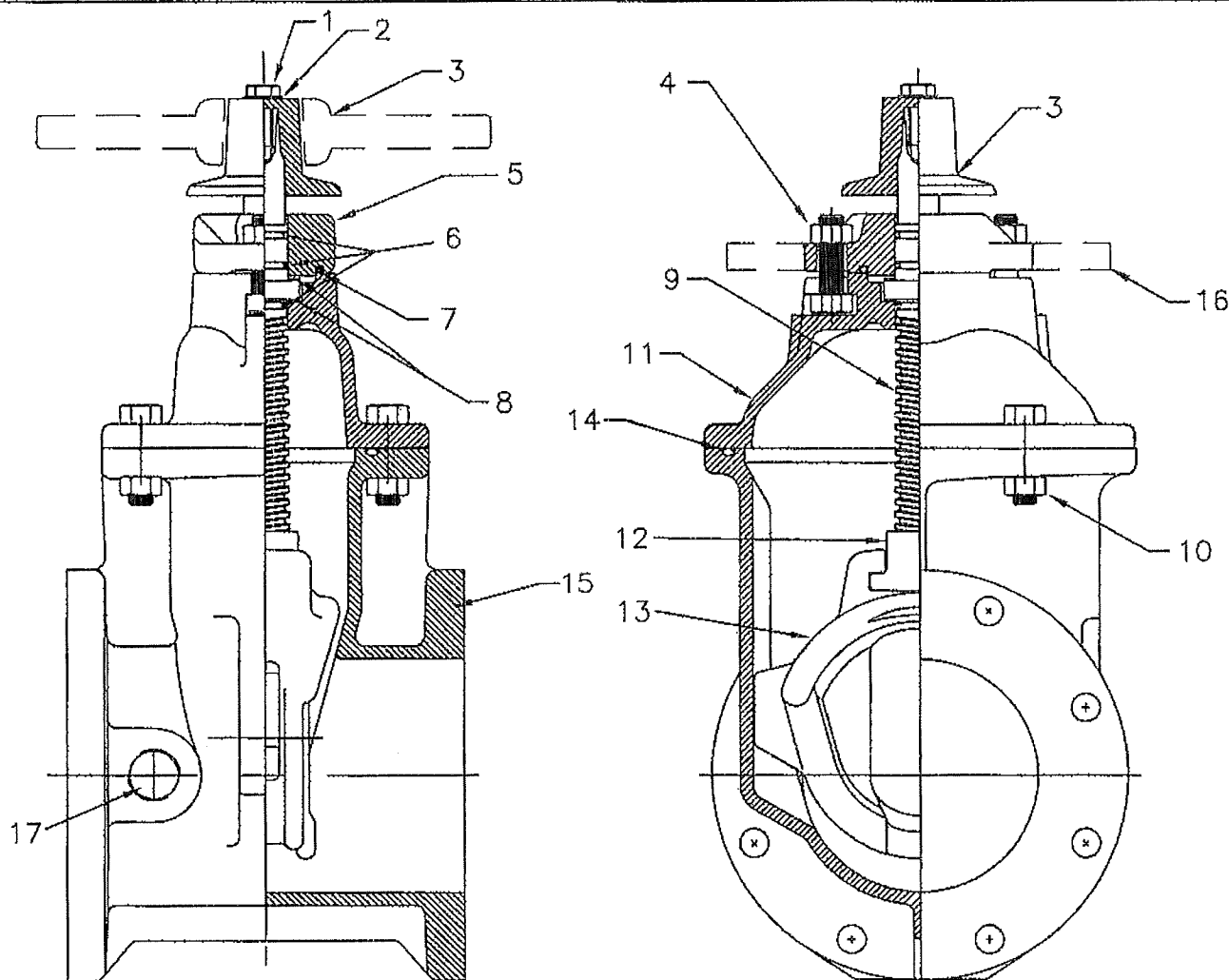
DATE: 9/28/16

DWG. NO.

Q16-90005

3" THRU 12"
RESILIENT SEAT GATE VALVE
C515-STYLE 7561
2" OP NUT, FLANGED ENDS

ITEM	DESCRIPTION	MATERIAL	ASTM SPEC.
1	HOLD DOWN HEX BOLT	316 STAINLESS STEEL	ASTM F593C
2	HOLD DOWN BOLT FLAT WASHER	316 STAINLESS STEEL	ASTM F593C
3	OPERATING NUT OR HANDWHEEL	CAST IRON	ASTM A126 CLASS B
4	BOLTS/NUTS (STUFFING BOX)	316 STAINLESS STEEL	ASTM F593C / F594
5	STUFFING BOX/FOLLOWER PLATE	DUCTILE IRON	ASTM A536 70-50-05
6	O-RING (STEM) QTY=3	BUNA N	-----
7	O-RING (STUFFING BOX)	NBR	-----
8	THRUST WASHER BEARING	DELTRIN	-----
9	STEM (AWWA GRADE C)	BRONZE	ASTM B763 C99500
10	HEX HEAD BOLTS & NUTS	316 STAINLESS STEEL	ASTM F593C / F594
11	COVER/BONNET	DUCTILE IRON	ASTM A536 70-50-05
12	STEM NUT (AWWA GRADE A)	BRONZE	ASTM C87850
13	WEDGE/DISC/GATE	DUCTILE IRON (EPDM COATED)	ASTM A536 70-50-05
14	O-RING (COVER)	NBR	-----
15	BODY (ALL TYPES)	DUCTILE IRON	ASTM A536 70-50-05
16	OPTIONAL POST PLATE (3"-12")	DUCTILE IRON	ASTM A536 70-50-05
17	PIPE PLUG (OPTIONAL)	GALVANIZED STEEL	-----



ALL VALVE COMPONENTS ARE MADE IN USA

M&H VALVE COMPANY
ANNISTON, ALABAMA
A DIVISION OF MCWANE INC.

DWN: ZF
DATE: 9/28/16
DWG. NO.
Q16-90005

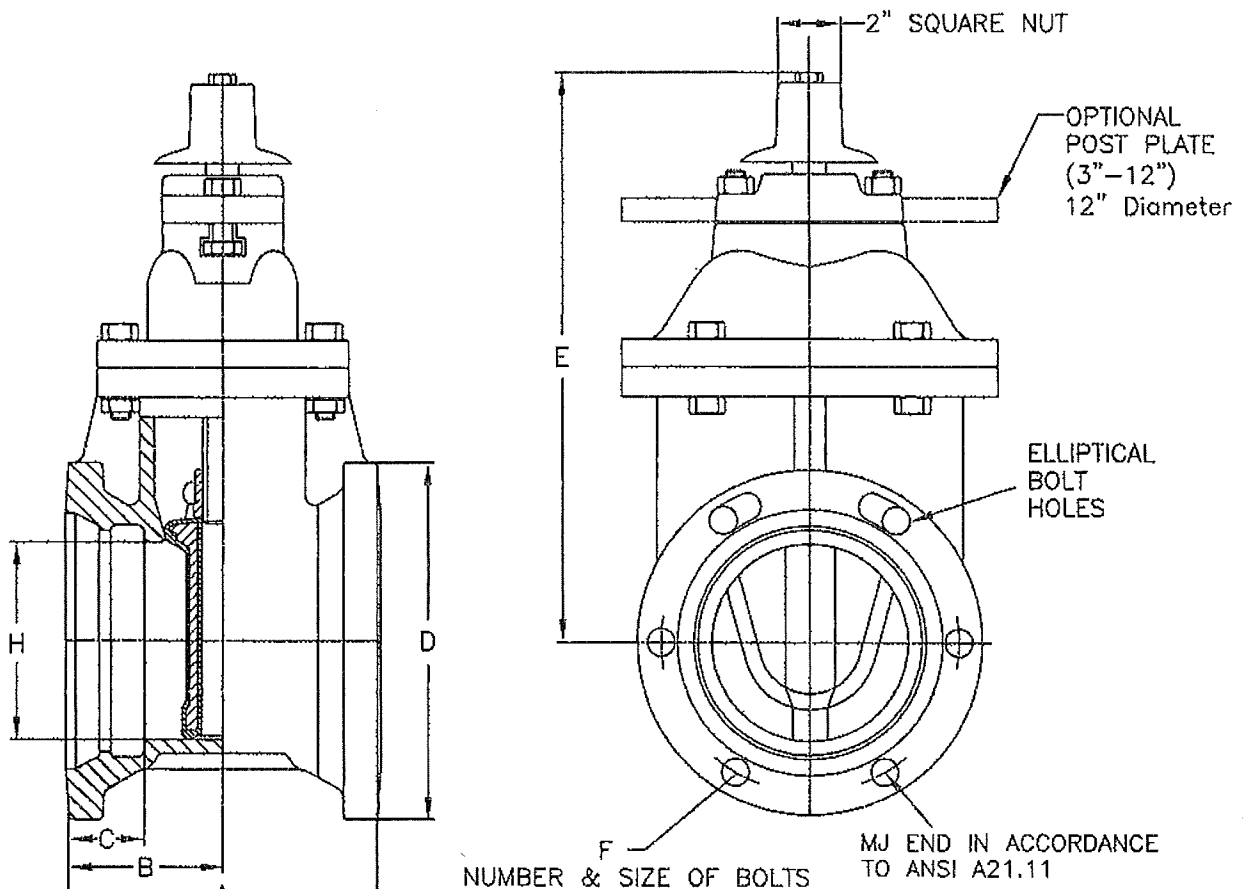
3" THRU 12" C515, STYLE 7561
RESILIENT SEAT GATE VALVE,
2" OP NUT, 100% DOMESTIC, 316 FSTNRS
VALVE ASSEMBLY/MATERIAL LIST



COMPLIES WITH
APPLICABLE
REQUIREMENTS OF
AWWA C515

7571
7571-HW
7571-P

WITH 2" SQUARE NUT
WITH HANDWHEEL
WITH POST PLATE (3"-12")



ELLIPTICAL BOLT HOLE DESIGN ALLEVIATES THE NEED FOR ANTI-ROTATIONAL BOLTS

VALVE SIZE	A	B	C	D	E	F	G	H	WEIGHT 2" NUT
**3	8 1/2	4 3/4	2 1/2	7 3/4	12 3/8	4-5/8	10	3	40
4	9 1/2	4 3/4	2 1/2	9 1/8	14 3/4	4-3/4	10	4 1/4	66
6	10 1/2	5 1/4	2 1/2	11 1/8	19	6-3/4	12	6 1/4	107
8	13 1/8	6 9/16	2 1/2	13 3/4	22 1/2	6-3/4	14	8 1/4	159
10	15 1/2	7 3/4	2 1/2	15 3/4	26 1/2	8-3/4	18	10 1/4	281
12	16	8	2 5/8	18	30	8-3/4	18	12 1/4	353

HANDWHEEL--ADD 1# (2" - 2 1/2"), 6.5# (3"-4"), 7#(6"), 10#(8"), 16#(10" & 12")

INDICATOR POST PLATE ADD 16# (3"-12") ONLY

TURNS TO OPEN: 7 3/4(2"), 8(2 1/2"), 10(3"), 13 1/2(4"), 19 1/2(6"), 25 1/2(8"), 31 1/2(10"), 37 3/4(12")

**2" to 3" SIZES FULL WALL DUCTILE (PER AWWA C509 DIMENSIONS)

M&H VALVE COMPANY
ANNISTON, ALABAMA
A DIVISION OF MCWANE INC.

DWN: ZF

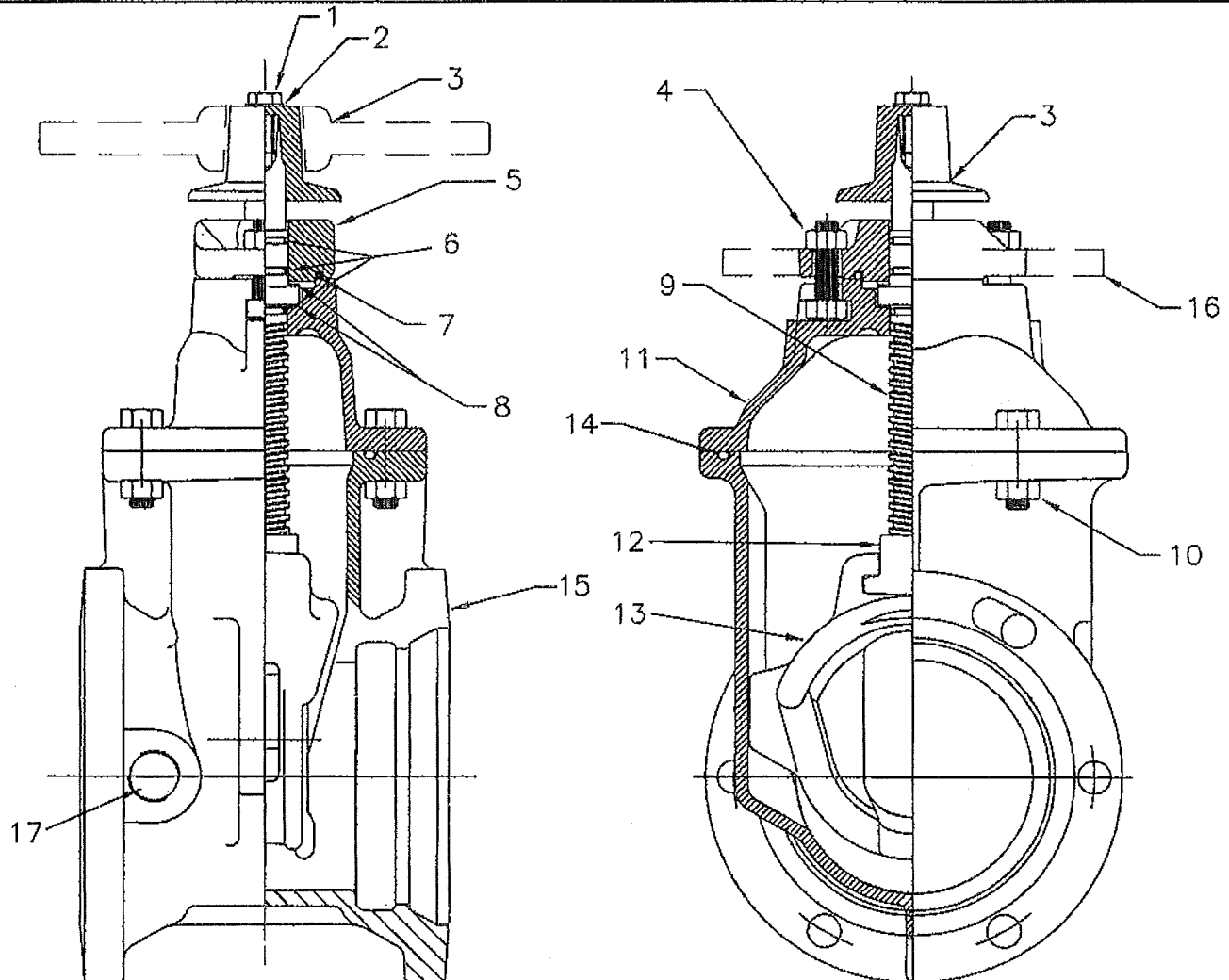
DATE: 9/28/16

DWG. NO.

Q16-90005

3" THRU 12"
RESILIENT SEAT GATE VALVE
C515-STLYE 7571
MJ X MJ 2" OP NUT

ITEM	DESCRIPTION	MATERIAL	ASTM SPEC.
1	HOLD DOWN HEX BOLT	316 STAINLESS STEEL	ASTM F593C
2	HOLD DOWN BOLT FLAT WASHER	316 STAINLESS STEEL	ASTM F593C
3	OPERATING NUT OR HANDWHEEL	CAST IRON	ASTM A126 CLASS B
4	BOLTS/NUTS (STUFFING BOX)	316 STAINLESS STEEL	ASTM F593C / F594
5	STUFFING BOX/FOLLOWER PLATE	DUCTILE IRON	ASTM A536 70-50-05
6	O-RING (STEM) QTY=3	BUNA N	-----
7	O-RING (STUFFING BOX)	NBR	-----
8	THRUST WASHER BEARING	DELFIN	-----
9	STEM (AWWA GRADE C)	BRONZE	ASTM B763 C99500
10	HEX HEAD BOLTS & NUTS	316 STAINLESS STEEL	ASTM F593C / F594
11	COVER/BONNET	DUCTILE IRON	ASTM A536 70-50-05
12	STEM NUT (AWWA GRADE A)	BRONZE	ASTM C87850
13	WEDGE/DISC/GATE	DUCTILE IRON (EPDM COATED)	ASTM A536 70-50-05
14	O-RING (COVER)	NBR	-----
15	BODY (ALL TYPES)	DUCTILE IRON	ASTM A536 70-50-05
16	OPTIONAL POST PLATE (3"-12")	DUCTILE IRON	ASTM A536 70-50-05
17	PIPE PLUG (OPTIONAL)	GALVANIZED STEEL	-----



ALL COMPONENTS ARE MADE IN USA

M&H VALVE COMPANY
ANNISTON, ALABAMA
A DIVISION OF MCWANE INC.

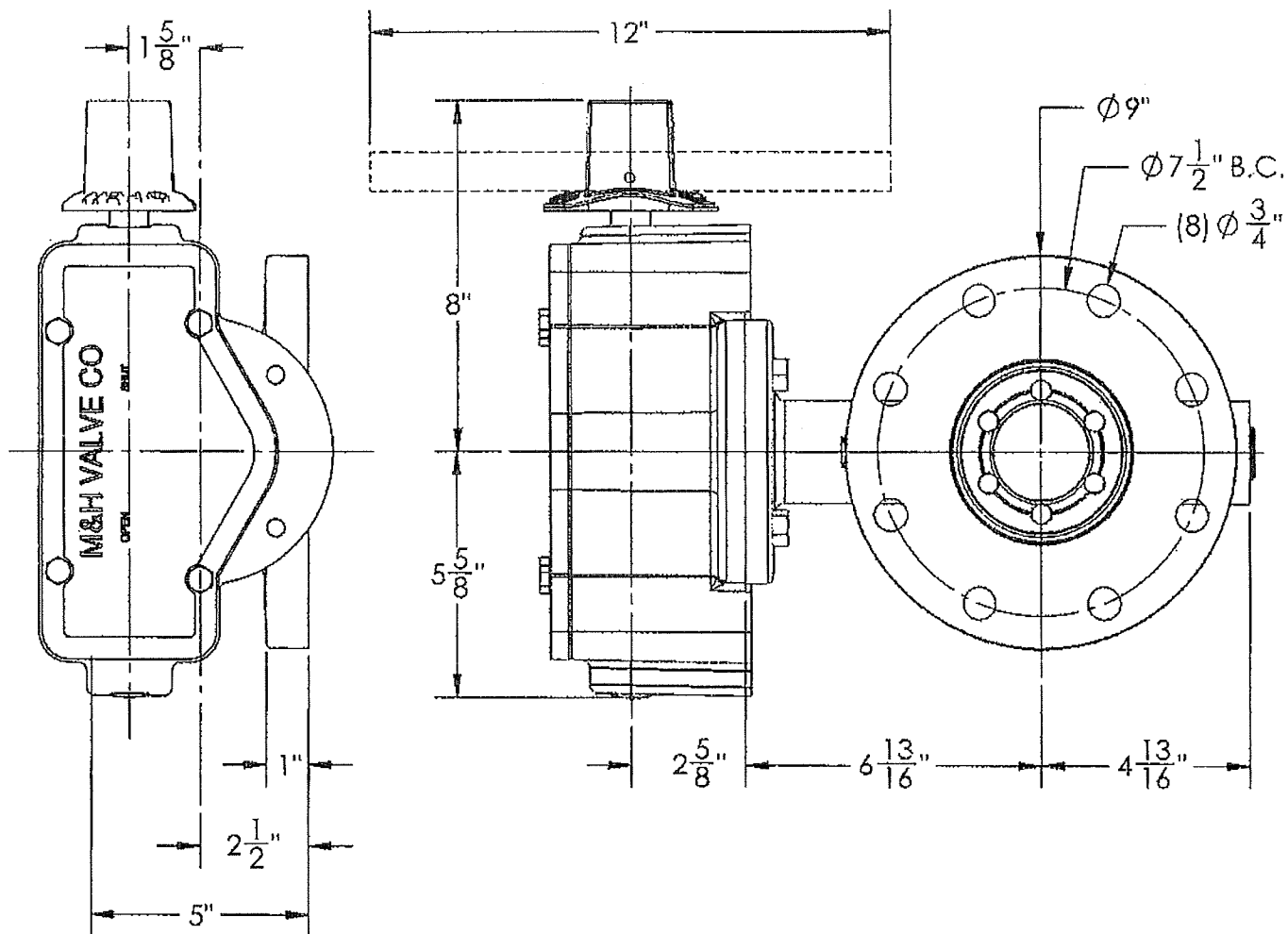
DWN: ZF

DATE: 9/28/16

DWG. NO.

Q16-90005

3" THRU 12", C515 STYLE 7571
RESILIENT SEAT GATE VALVE,
2" OP NUT, 100% DOMESTIC, 316 FSTNRS
VALVE ASSEMBLY/MATERIAL LIST



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
3. REFERENCE AWWA C504 FOR FLANGES AND DRILLING (ANSI 125)
4. 29 TURNS TO CLOSE
5. 8 BOLTS ON EACH FLANGE
6. 3/4" DIAMETER OF BOLTS
7. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
8. RATED AND TESTED FOR 150psi WORKING PRESSURE

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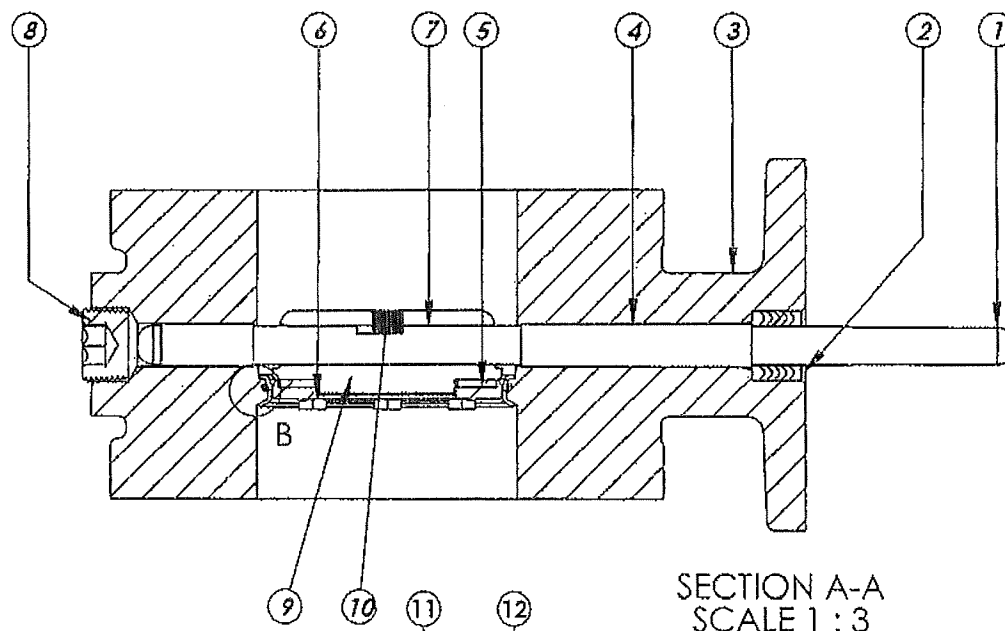


M&H VALVE COMPANY

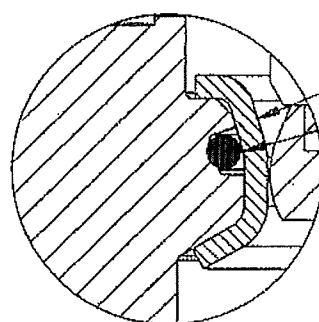
A DIVISION OF McWANE INC.
P.O. BOX 2038
ANNISTON, ALABAMA 36202

DRAWN: CTJ
DATE: 9/26/18
DIVG. NO. Q18-90010

4" - Style 4500 - CL150
BFV with F/A 12 MSS/ISO Connection-
FLANGED ENDS - Buried Operator
100% DOMESTIC



SECTION A-A
SCALE 1:3



DETAIL B
SCALE 2:1

ITEM NO.	DESCRIPTION	MATERIAL
1	VANE SHAFT	316 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT with SS INSERT
6	HEX HEAD CAPSCREW	316 STAINLESS STEEL with NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON
8	BFV BODY END PLUG	STEEL
9	BFV VANE	DUCTILE IRON, ASTM A-536
10	VANE SHAFT TORQUE PLUG	316 STAINLESS STEEL
11	BODY SEAT RING	316 STAINLESS STEEL
12	BODY SEAT O-RING	BUNA-N

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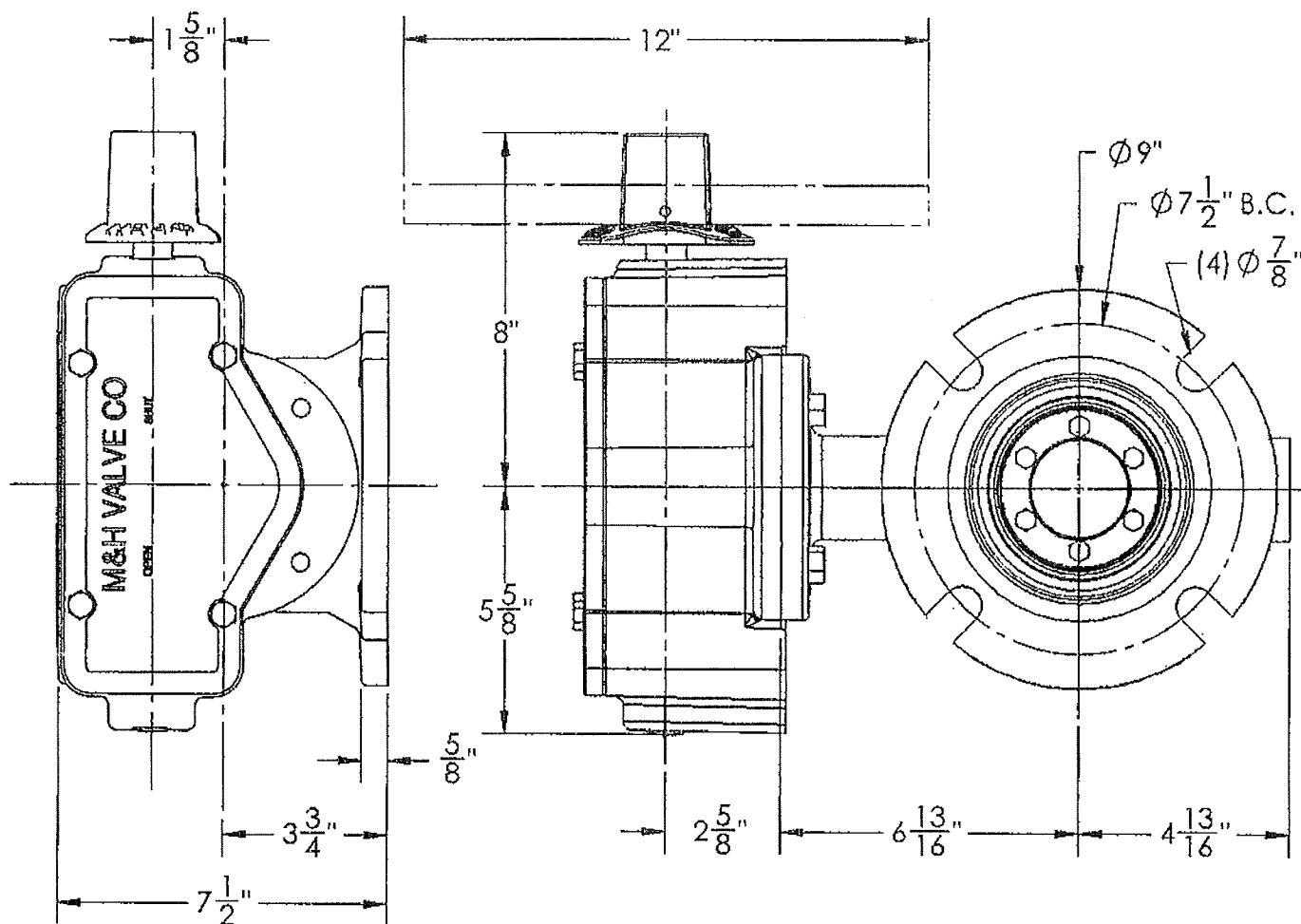


M&H VALVE COMPANY

A DIVISION OF McWANE INC.
P.O. BOX 2088
ANNISTON, ALABAMA 36202

DRAWN: CTJ
DATE: 9/26/18
DWG. NO. Q18-90010

**4" AWWA C504 - Style 4500 - CL150
BFV with F/A 12 MSS/ISO Connection
Sub-Assembly - Material List
FLANGED END - 100% DOMESTIC**



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
3. REFERENCE AWWA C504 FOR FLANGES AND DRILLING (ANSI 125)
4. 29 TURNS TO CLOSE
5. 4 BOLTS ON EACH FLANGE
6. 7/8" DIAMETER OF BOLTS
7. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
8. RATED AND TESTED FOR 150psi WORKING PRESSURE

THIS DWG. AND ALL INFORMATION IS OUR PROPERTY AND SHALL NOT BE USED, COPIED OR REPRODUCED WITHOUT WRITTEN CONSENT. DESIGN AND INVENTION RIGHTS RESERVED.

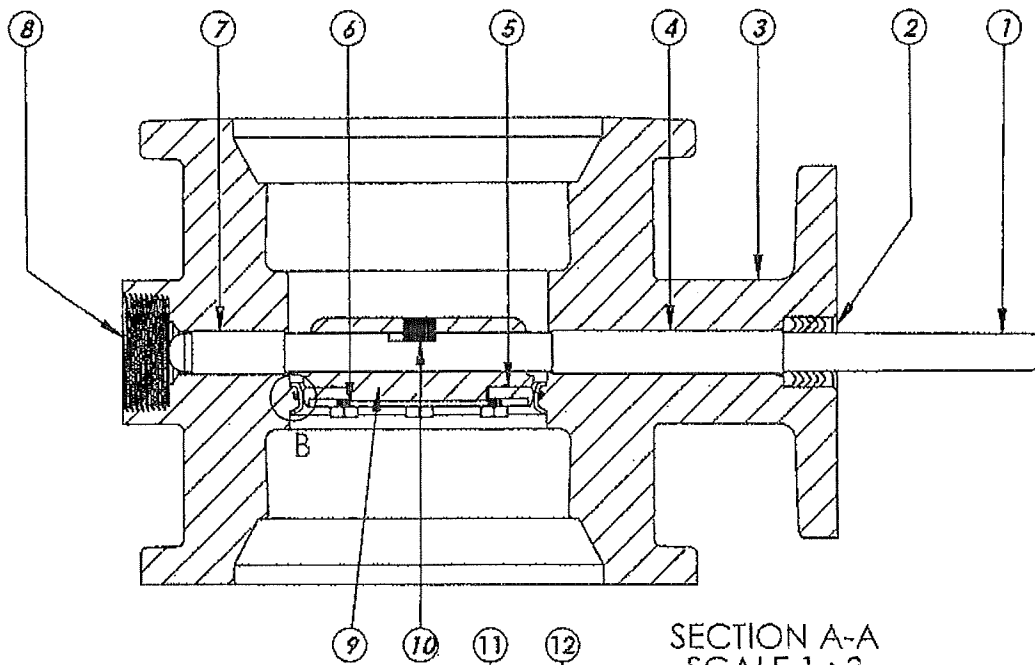


M&H VALVE COMPANY

A DIVISION OF McWANE INC
P.O. BOX 2088
ANNISTON, ALABAMA 36202

DRAWN: CTJ
DATE: 9/26/18
DWG. NO. Q18-90010

4" - Style 4500 - CL150
BFV with F/A 12 MSS/ISO Connection-
MECHANICAL JOINT ENDS - BURIED OPERATOR
100% DOMESTIC



SECTION A-A
SCALE 1 : 3

DETAIL B
SCALE 2 : 1

ITEM NO.	DESCRIPTION	MATERIAL
1	VANE SHAFT	316 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT with SS INSERT
6	HEX HEAD CAPSCREW	316 STAINLESS STEEL with NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON
8	BFV BODY END PLUG	STEEL
9	BFV VANE	DUCTILE IRON ASTM A-536
10	VANE SHAFT TORQUE PLUG	316 STAINLESS STEEL
11	BODY SEAT RING	316 STAINLESS STEEL
12	BODY SEAT O-RING	BUNA-N

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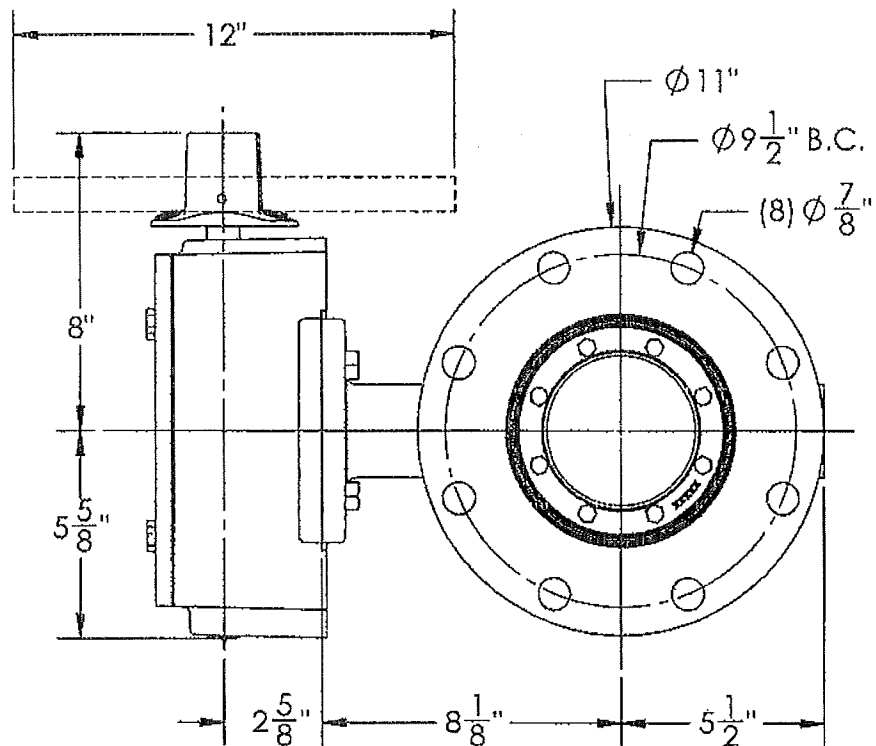


M&H VALVE COMPANY

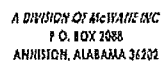
A DIVISION OF McWANE INC
P.O. BOX 2088
ANNISTON, ALABAMA 36202

DRAWN: CTJ
DATE: 9/26/18
DWG. NO. Q18-90010

**4" AWWA C504 - Style 4500 - CL150
BFV with F/A 12 MSS/ISO Connection
Sub-Assembly - Material List
MECHANICAL JOINT END - 100% DOMESTIC**

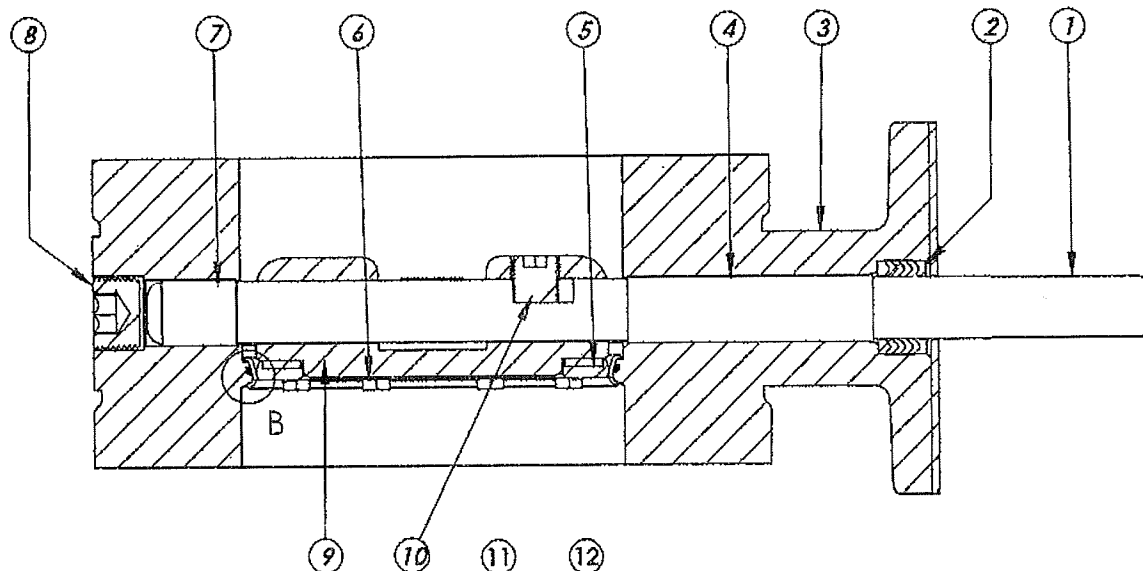


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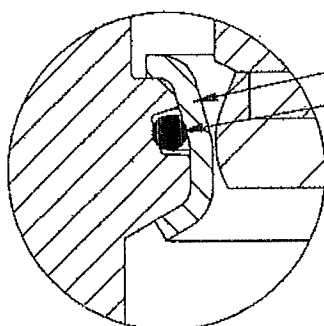


DRAWN:	CTJ
DATE:	9/26/18
DWG. NO.	Q18-90010

6" - Style 4500 - CL150
BFV with F/A 12 MSS/ISO Connection-
FLANGED ENDS - Burled Operator
100% DOMESTIC



SECTION A-A
SCALE 1 : 3



DETAIL B
SCALE 2 : 1

ITEM NO.	DESCRIPTION	MATERIAL
1	VANE SHAFT	316 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT with SS INSERT
6	HEX HEAD CAPSCREW	316 STAINLESS STEEL with NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON
8	BFV BODY END PLUG	STEEL
9	BFV VANE	DUCTILE IRON ASTM A-536
10	VANE SHAFT TORQUE PLUG	316 STAINLESS STEEL
11	BODY SEAT RING	316 STAINLESS STEEL
12	BODY SEAT O-RING	BUNA-N

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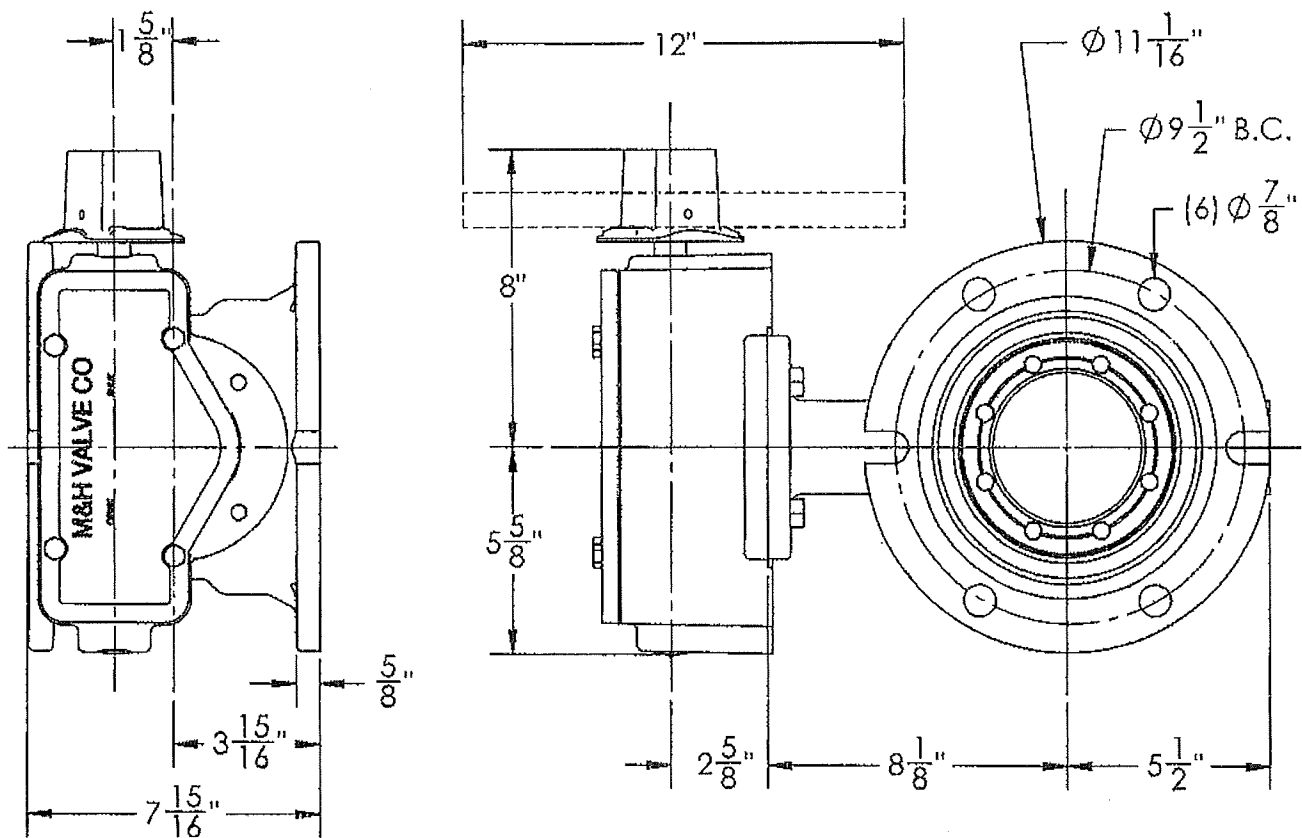


M&H VALVE COMPANY

A DIVISION OF McWANE INC.
P.O. BOX 2088
ANNISTON, ALABAMA 36202

DRAWN: CTJ
DATE: 9/26/18
DWG.
NO. Q18-90010

**6" AWWA C504 - Style 4500 - CL150
BFV with F/A 12 MSS/ISO Connection
Sub-Assembly - Material List
FLANGED END - 100% DOMESTIC**



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
3. REFERENCE AWWA C504 FOR FLANGES AND DRILLING (ANSI 125)
4. 29 NUMBER OF TURNS TO CLOSE
5. 6 BOLTS ON EACH FLANGE
6. 7/8" DIAMETER OF BOLTS
7. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
8. RATED AND TESTED FOR 150psi WORKING PRESSURE

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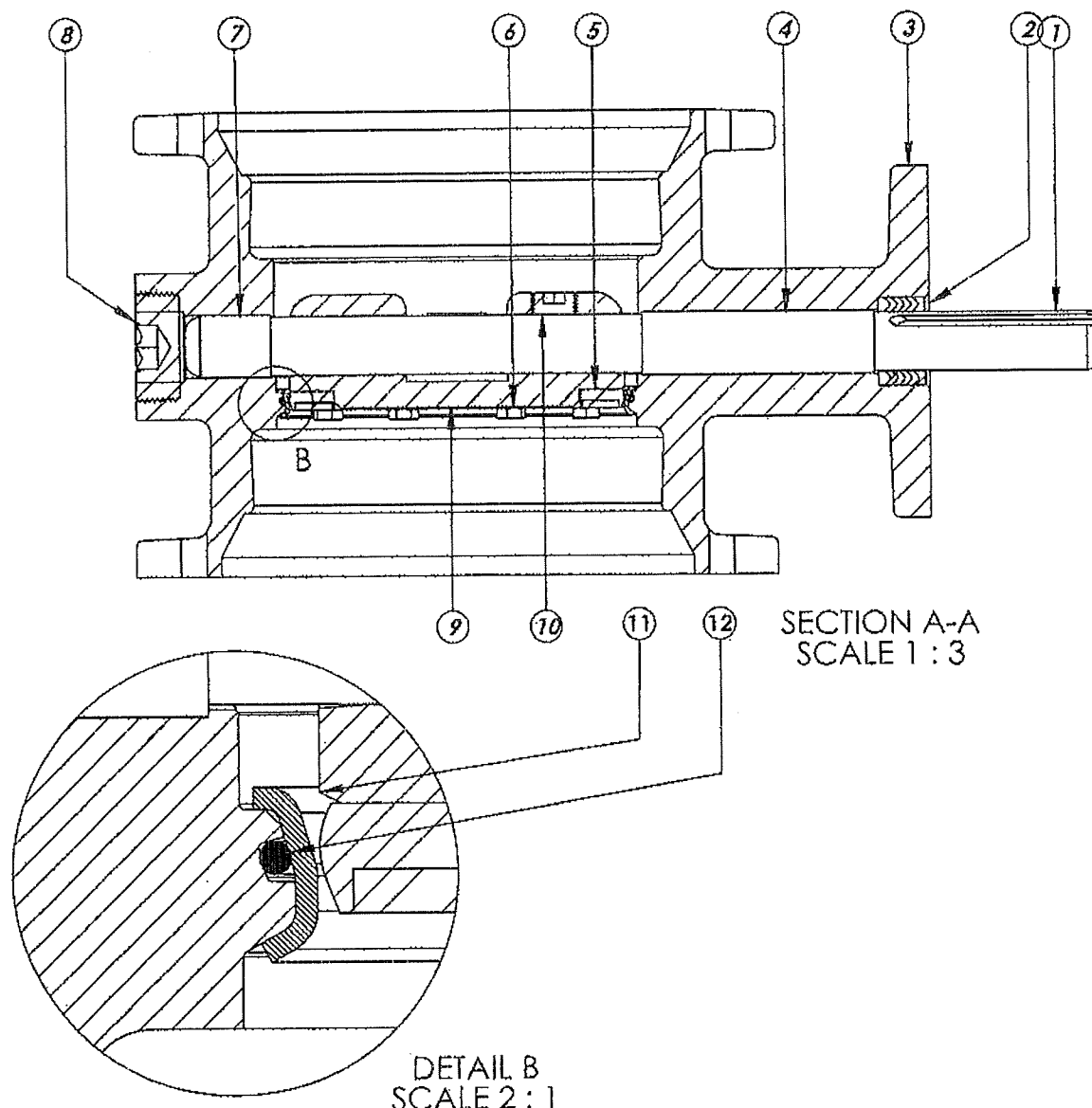
A DIVISION OF McWANE INC
P.O. BOX 2088
ANNISTON, ALABAMA 36202

DRAWN: ZF

DATE: 1/6/17

DWG. NO. 6in ISO

6" - Style 4500 - CL150
BFV with F/A 12 MSS/ISO Connection-
MJ ENDS - Buried Operator



ITEM NO.

DESCRIPTION

MATERIAL

- | | | |
|----|------------------------|--------------------------------------|
| 1 | VANE SHAFT | 316 STAINLESS STEEL, ASTM A-276 |
| 2 | V-RING PACKING SET | EPDM, BUNA-N |
| 3 | BFV BODY | DUCTILE IRON ASTM A-536 |
| 4 | UPPER JOURNAL BEARING | NYLATRON |
| 5 | VANE SEAT RING | EPT with SS INSERT |
| 6 | HEX HEAD CAPSCREW | 316 STAINLESS STEEL with NYLOC PATCH |
| 7 | LOWER JOURNAL BEARING | NYLATRON |
| 8 | BFV BODY END PLUG | STEEL |
| 9 | BFV VANE | DUCTILE IRON ASTM A-536 |
| 10 | VANE SHAFT TORQUE PLUG | 316 STAINLESS STEEL |
| 11 | BODY SEAT RING | 316 STAINLESS STEEL |
| 12 | BODY SEAT O-RING | BUNA-N |

316 STAINLESS STEEL, ASTM A-276

EPDM, BUNA-N

DUCTILE IRON ASTM A-536

NYLATRON

EPT with SS INSERT

316 STAINLESS STEEL with NYLOC PATCH

NYLATRON

STEEL

DUCTILE IRON ASTM A-536

316 STAINLESS STEEL

316 STAINLESS STEEL

BUNA-N

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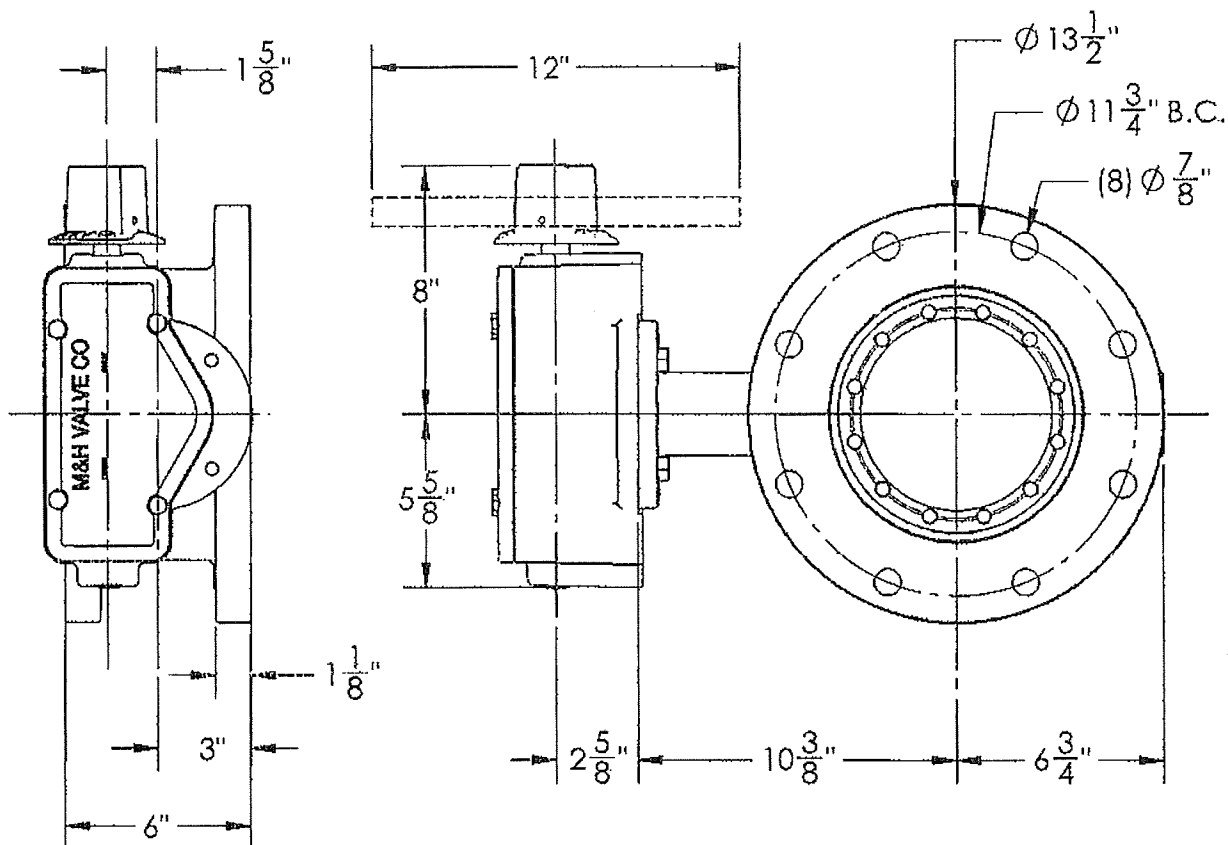


M&H VALVE COMPANY

A DIVISION OF McWANE INC.
P.O. BOX 2038
ANNISTON, ALABAMA 36802

DRAWN: CTJ
DATE: 6/26/18
DWG. NO. Q18-90010

6" AWWA C504 - Style 4500 - CL150
BFV with F/A 12 MSS/ISO Connection
Sub-Assembly - Material List
MJ ENDS - 100% DOMESTIC



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
3. REFERENCE AWWA C504 FOR FLANGES AND DRILLING (ANSI 125)
4. 29 TURNS TO CLOSE
5. 8 BOLTS ON EACH FLANGE
6. 7/8" DIAMETER OF BOLTS
7. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
8. RATED AND TESTED FOR 150psi WORKING PRESSURE

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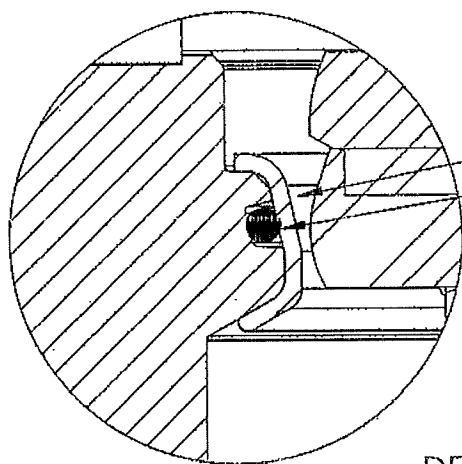
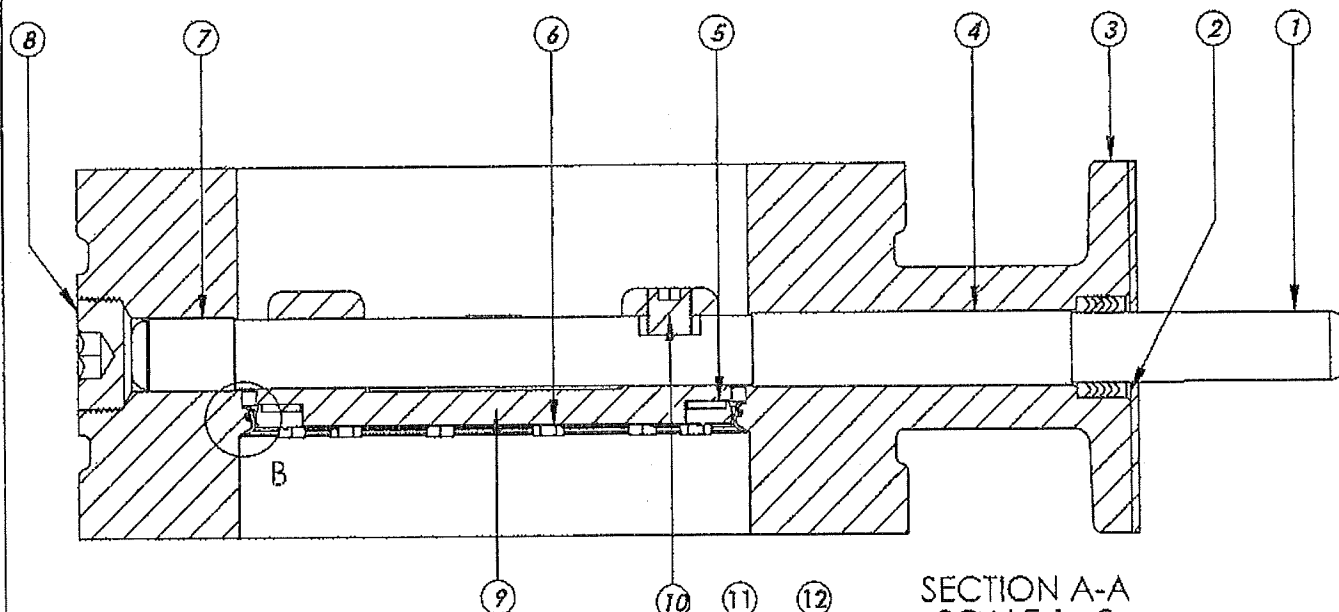


M&H VALVE COMPANY

A DIVISION OF McJANE INC.
P.O. BOX 2088
ANNISTON, ALABAMA 36201

DRAWN: CTJ
DATE: 9/26/18
DWG. NO. Q18-90010

8" - Style 4500 - CL150
BFV with F/A 12 MSS/ISO Connection-
FLANGED ENDS - Buried Operator
100% DOMESTIC



DETAIL B
SCALE 2:1

ITEM NO.	DESCRIPTION	MATERIAL
1	VANE SHAFT	316 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT with SS INSERT
6	HEX HEAD CAPSCREW	316 STAINLESS STEEL with NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON
8	BFV BODY END PLUG	STEEL
9	BFV VANE	DUCTILE IRON ASTM A-536
10	VANE SHAFT TORQUE PLUG	316 STAINLESS STEEL
11	BODY SEAT RING	316 STAINLESS STEEL
12	BODY SEAT O-RING	BUNA-N

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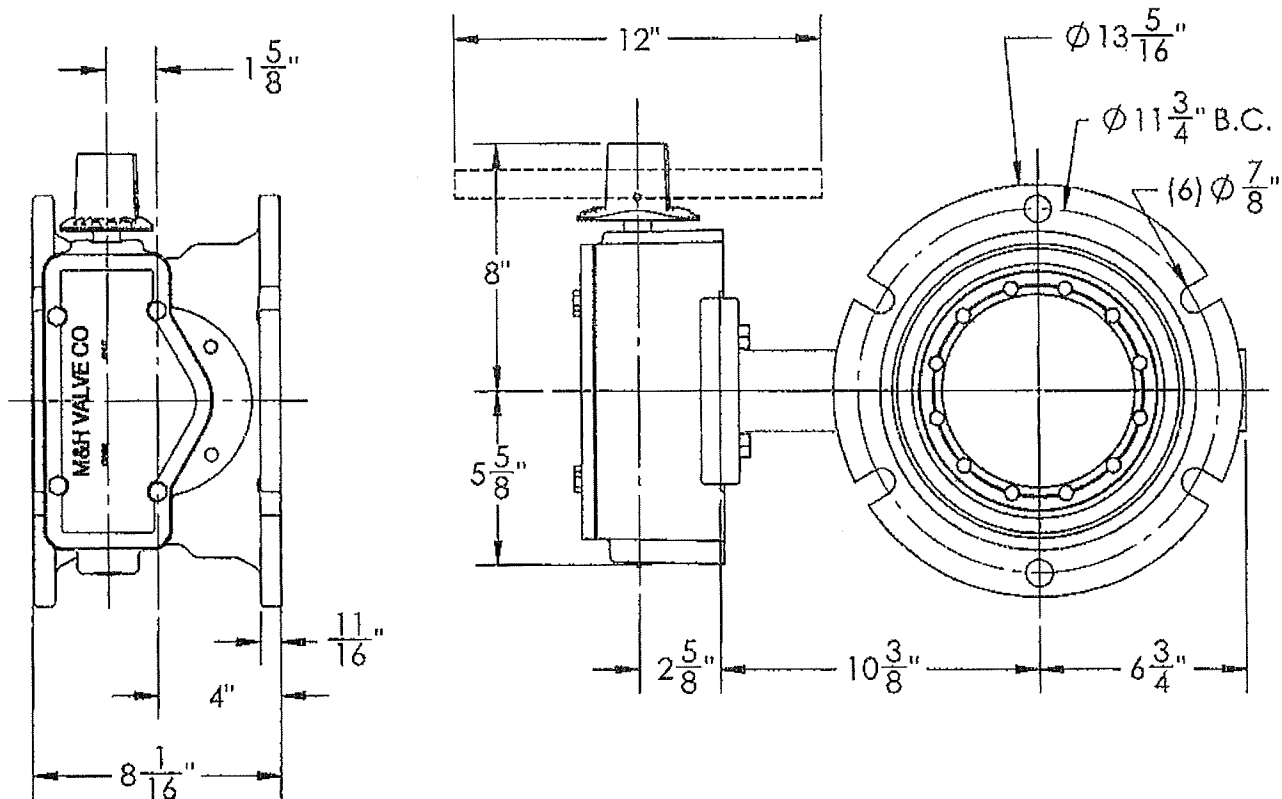


M&H VALVE COMPANY

A DIVISION OF MCHVANE INC.
P.O. BOX 2088
ANNISTON, ALABAMA 36202

DRAWN: CTJ
DATE: 9/26/18
DWG. NO. Q18-90010

**8" AWWA C504 - Style 4500 - CL150
BFV with F/A 12 MSS/ISO Connection
Sub-Assembly - Material List
FLANGED END - 100% DOMESTIC**



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
3. REFERENCE AWWA C504 FOR FLANGES AND DRILLING (ANSI 125)
4. 29 TURNS TO CLOSE
5. 6 BOLTS ON EACH FLANGE
6. 7/8" DIAMETER OF BOLTS
7. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
8. RATED AND TESTED FOR 150psi WORKING PRESSURE

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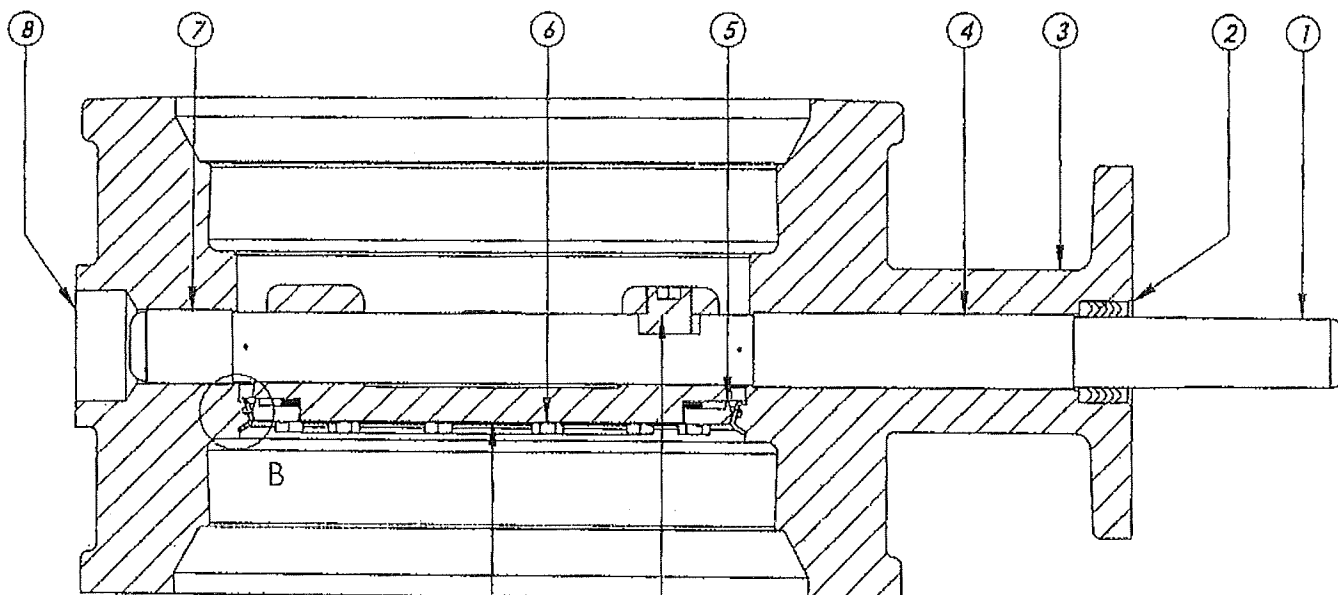


M&H VALVE COMPANY

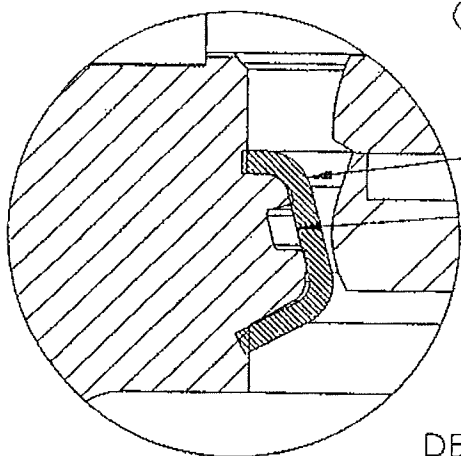
A DIVISION OF MCWANE INC.
P.O. BOX 2088
ANNISTON, ALABAMA 36802

DRAWN: CTJ
DATE: 9/26/18
DWG. NO. Q18-90010

8" - Style 4500 - CL150
BFV with F/A 12 MSS/ISO Connection-
MJ ENDS - Buried Operator
100% DOMESTIC



SECTION A-A
SCALE 1:3



DETAIL B
SCALE 2:1

ITEM NO.

DESCRIPTION

MATERIAL

- | | |
|----|------------------------|
| 1 | VANE SHAFT |
| 2 | V-RING PACKING SET |
| 3 | BFV BODY |
| 4 | UPPER JOURNAL BEARING |
| 5 | VANE SEAT RING |
| 6 | HEX HEAD CAPSCREW |
| 7 | LOWER JOURNAL BEARING |
| 8 | BFV BODY END PLUG |
| 9 | BFV VANE |
| 10 | VANE SHAFT TORQUE PLUG |
| 11 | BODY SEAT RING |
| 12 | BODY SEAT O-RING |

- | |
|--------------------------------------|
| 316 STAINLESS STEEL, ASTM A-276 |
| EPDM; BUNA-N |
| DUCTILE IRON ASTM A-536 |
| NYLATRON |
| EPT with SS INSERT |
| 316 STAINLESS STEEL with NYLOC PATCH |
| NYLATRON |
| STEEL |
| DUCTILE IRON ASTM A-536 |
| 316 STAINLESS STEEL |
| 316 STAINLESS STEEL |
| BUNA-N |

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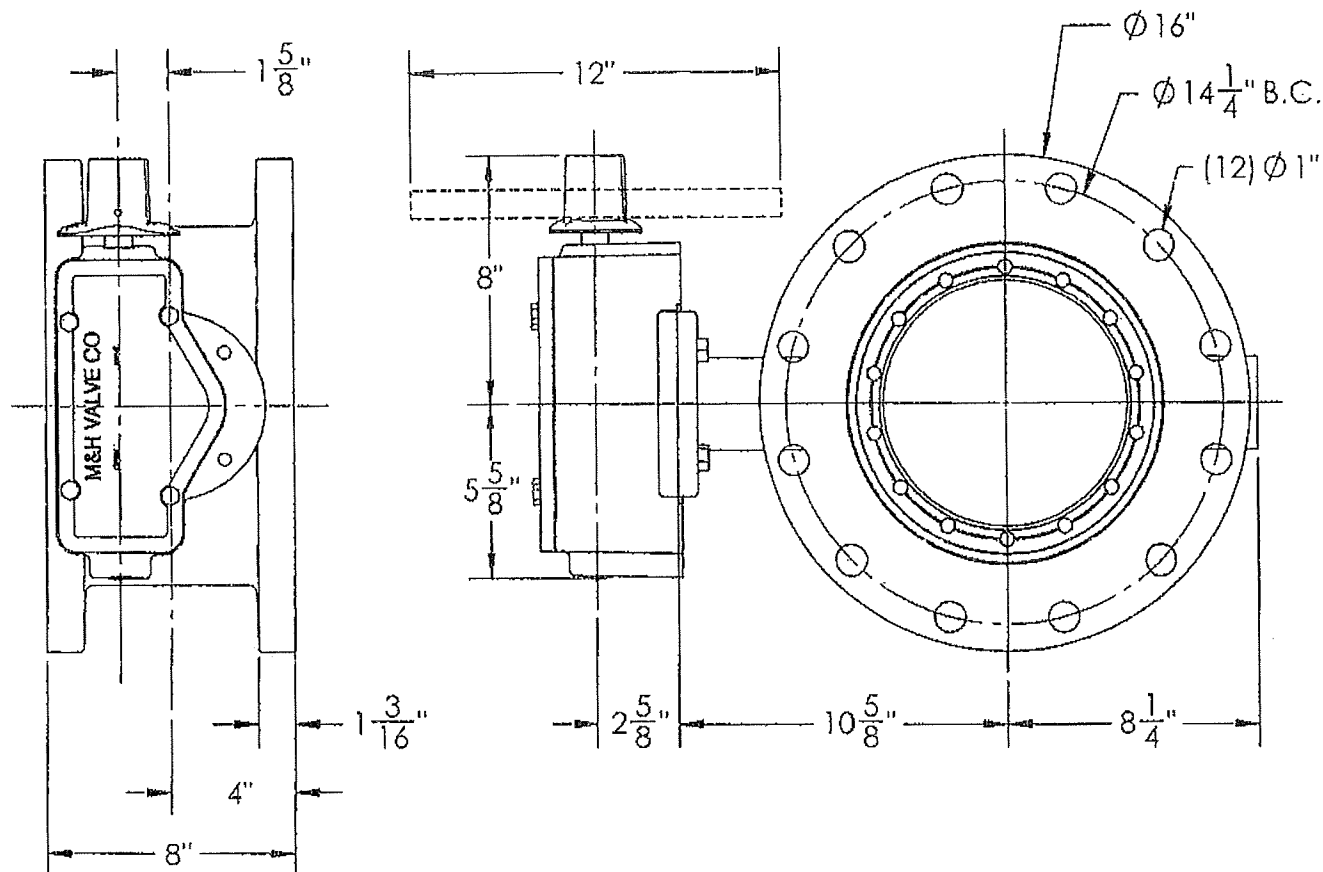


M&H VALVE COMPANY

A DIVISION OF McWANE INC
P.O. BOX 2083
ANNISTON, ALABAMA 36202

DRAWN: CTJ
DATE: 9/26/18
DWG. NO. Q18-90010

8" AWWA C504 - Style 4500 - CL150
BFV with F/A 12 MSS/ISO Connection
Sub-Assembly - Material List
MJ ENDS - 100% DOMESTIC



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
3. REFERENCE AWWA C504 FOR FLANGES AND DRILLING (ANSI 125)
4. 29 TURNS TO CLOSE
5. 12 BOLTS ON EACH FLANGE
6. 1" DIAMETER OF BOLTS
7. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
8. RATED AND TESTED FOR 150psi WORKING PRESSURE

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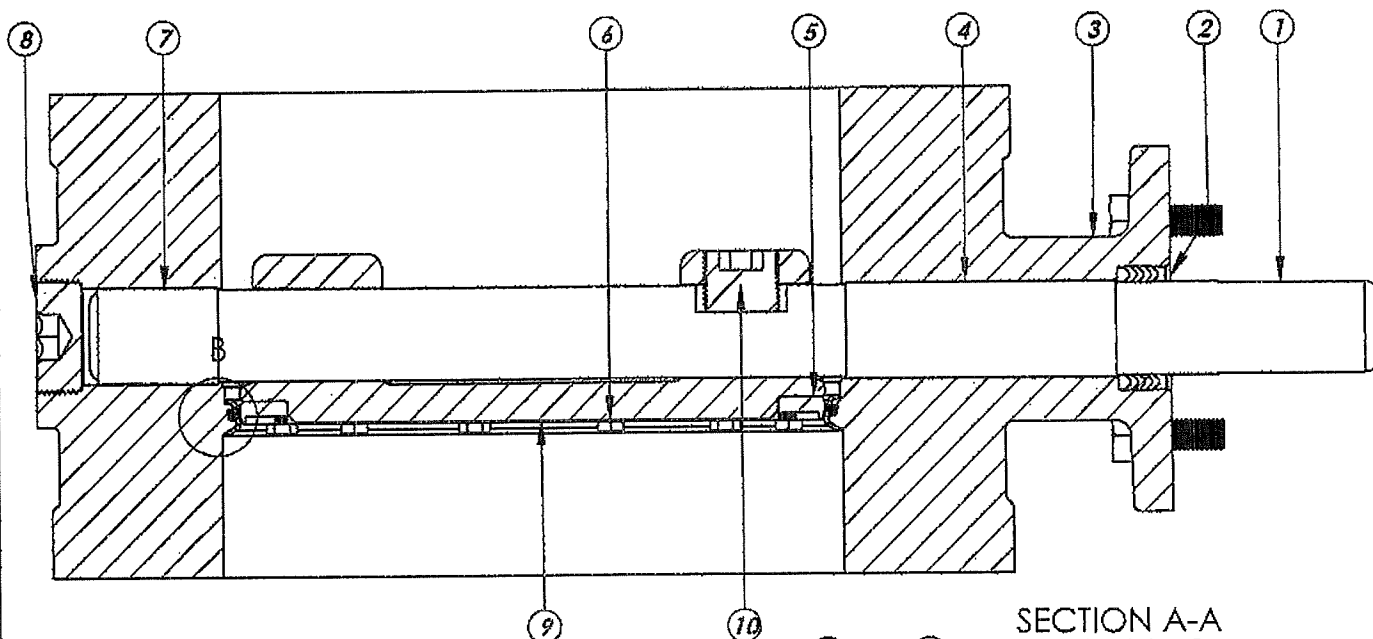


M&H VALVE COMPANY

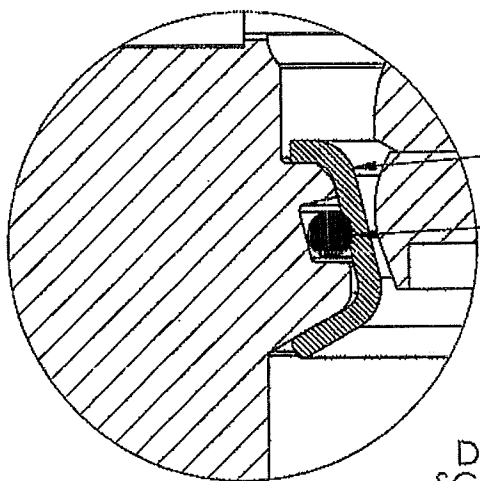
A DIVISION OF MCWANE INC
P.O. BOX 2038
ANNHURST, ALABAMA 36202

DRAWN: CTJ
DATE: 9/26/18
DWG. NO. Q18-90010

10" - Style 4500 - CL150
BFV with F/A 12 MSS/ISO Connection-
FLANGED ENDS - Buried Operator
100% DOMESTIC



SECTION A-A
SCALE 1 : 3



DETAIL B
SCALE 2 : 1

ITEM NO.	DESCRIPTION	MATERIAL
1	VANE SHAFT	316 STAINLESS STEEL, ASTM A-276
2	V-RING PACKING SET	EPDM, BUNA-N
3	BFV BODY	DUCTILE IRON ASTM A-536
4	UPPER JOURNAL BEARING	NYLATRON
5	VANE SEAT RING	EPT with SS INSERT
6	HEX HEAD CAPSCREW	316 STAINLESS STEEL with NYLOC PATCH
7	LOWER JOURNAL BEARING	NYLATRON
8	BFV BODY END PLUG	STEEL
9	BFV VANE	DUCTILE IRON ASTM A-536
10	VANE SHAFT TORQUE PLUG	316 STAINLESS STEEL
11	BODY SEAT RING	316 STAINLESS STEEL
12	BODY SEAT O-RING	BUNA-N

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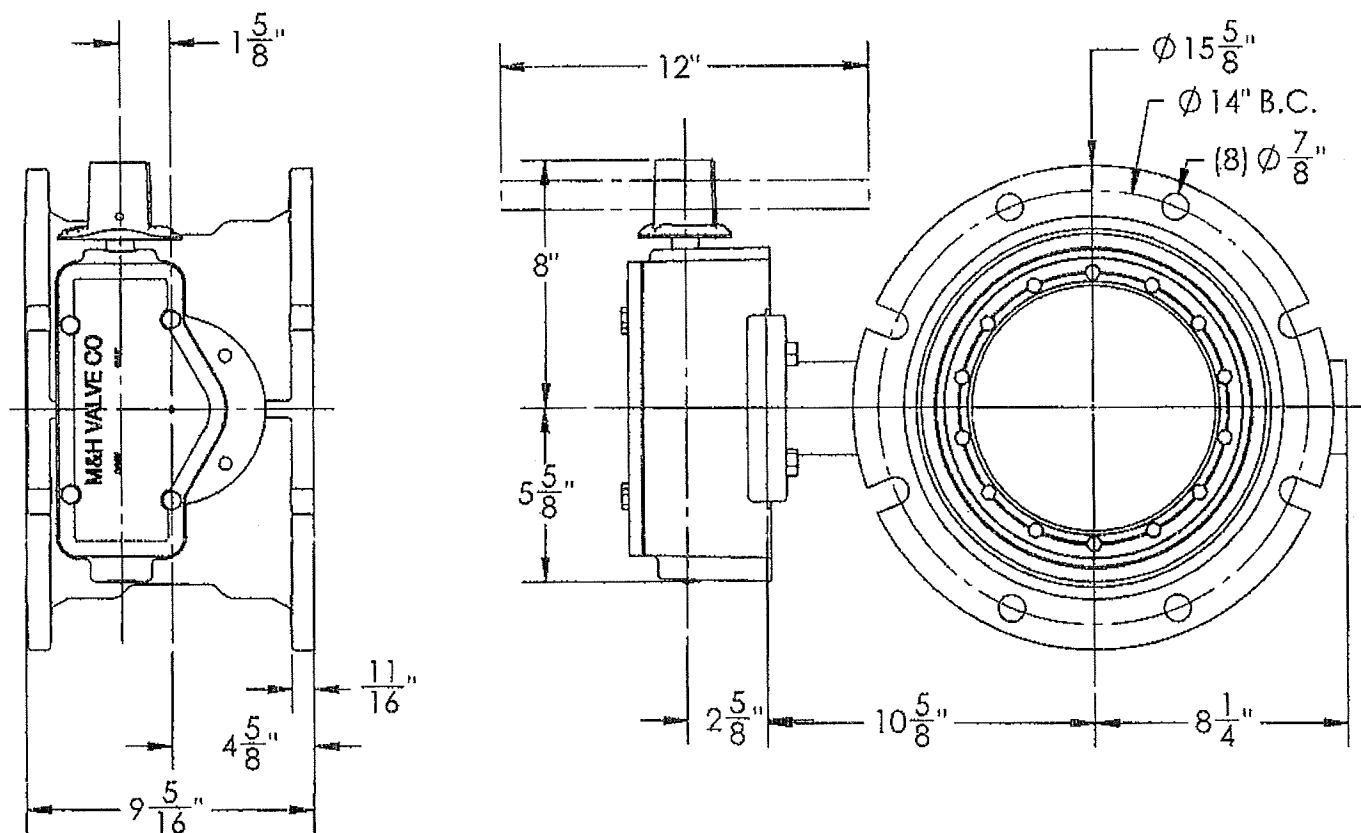


M&H VALVE COMPANY

A DIVISION OF McWANE INC.
P.O. BOX 2088
ANNISTON, ALABAMA 36202

DRAWN: CTJ
DATE: 9/26/18
DWG. NO. Q18-90010

**10" AWWA C504 - Style 4500 - CL150
BFV with F/A 12 MSS/ISO Connection
Sub-Assembly - Material List
FLANGED END - 100% DOMESTIC**



1. FLOW MAY BE IN EITHER DIRECTION
2. VALVE SHAFT WILL MEET OR EXCEED AWWA C504 REQUIREMENTS
3. REFERENCE AWWA C504 FOR FLANGES AND DRILLING (ANSI 125)
4. 29 TURNS TO CLOSE
5. 8 BOLTS ON EACH FLANGE
6. 7/8" DIAMETER OF BOLTS
7. OPERATED BY 2" AWWA OPERATING NUT/WRENCH NUT
8. RATED AND TESTED FOR 150psi WORKING PRESSURE

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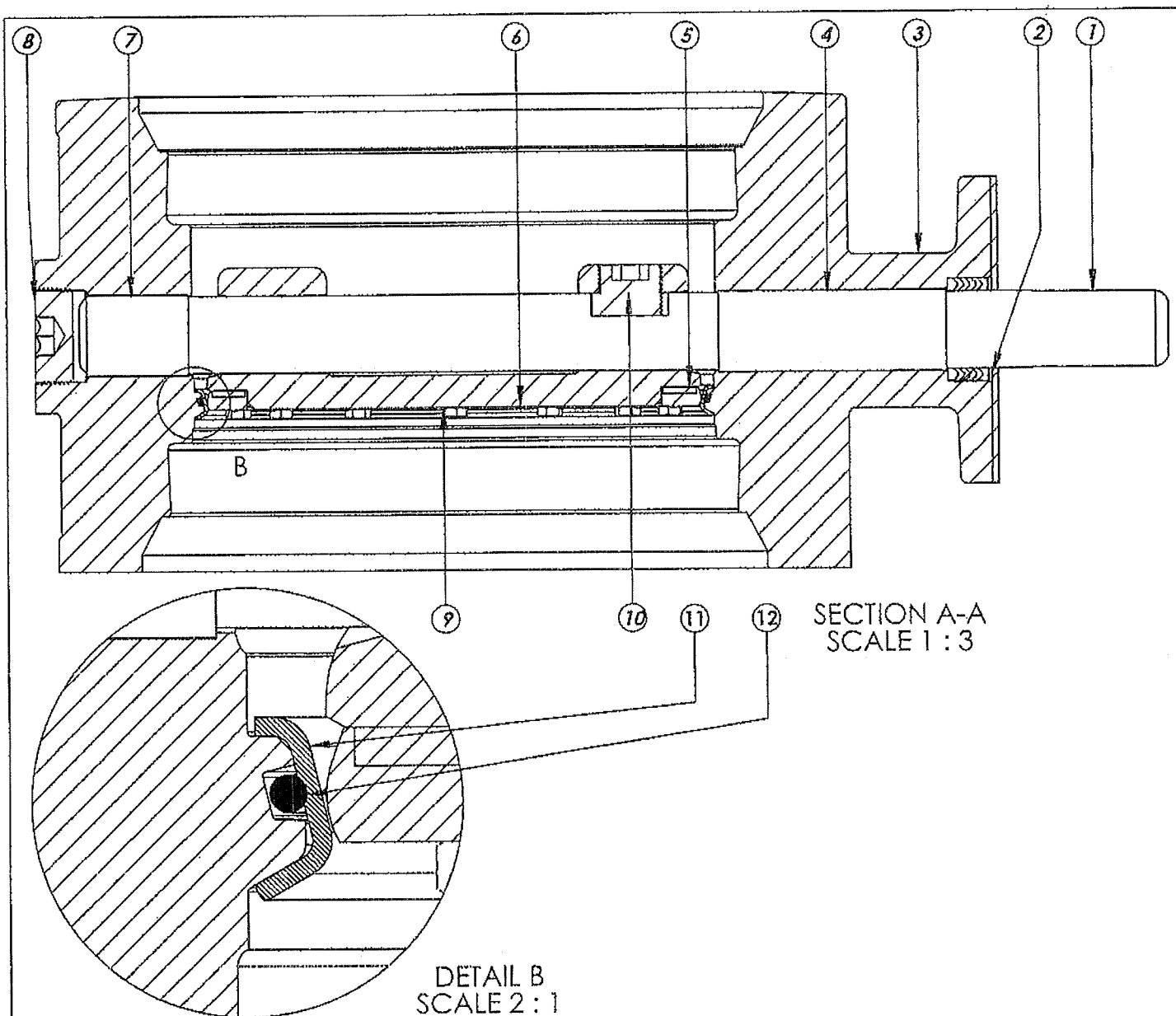


M&H VALVE COMPANY

A DIVISION OF McWANE INC
P.O. BOX 2085
ANNHISTON, ALABAMA 36202

DRAWN: CTJ
DATE: 9/26/18
DWG. NO. Q18-90010

**10" - Style 4500 - CL150
BFV with F/A 12 MSS/ISO Connection-
MJ ENDS - Buried Operator
100% DOMESTIC**



ITEM NO.

DESCRIPTION

MATERIAL

- | | |
|----|------------------------|
| 1 | VANE SHAFT |
| 2 | V-RING PACKING SET |
| 3 | BFV BODY |
| 4 | UPPER JOURNAL BEARING |
| 5 | VANE SEAT RING |
| 6 | HEX HEAD CAPSCREW |
| 7 | LOWER JOURNAL BEARING |
| 8 | BFV BODY END PLUG |
| 9 | BFV VANE |
| 10 | VANE SHAFT TORQUE PLUG |
| 11 | BODY SEAT RING |
| 12 | BODY SEAT O RING |

316 STAINLESS STEEL, ASTM A-276

EPDM, BUNA-N

DUCTILE IRON ASTM A-536

NYLATRON

EPT with SS INSERT

316 STAINLESS STEEL with NYLOC PATCH

NYLATRON

STEEL

DUCTILE IRON ASTM A-536

316 STAINLESS STEEL

316 STAINLESS STEEL

BUNA-N

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M&H VALVE COMPANY

A DIVISION OF McWANE INC.
P.O. BOX 2088
ANNISTON, ALABAMA 36202

DRAWN: CTJ
DATE: 9/26/18
DWG. NO. Q18-90010

10" AWWA C504 - Style 4500 - CL150
BFV with F/A 12 MSS/ISO Connection
Sub-Assembly - Material List
MJ ENDS - 100% DOMESTIC