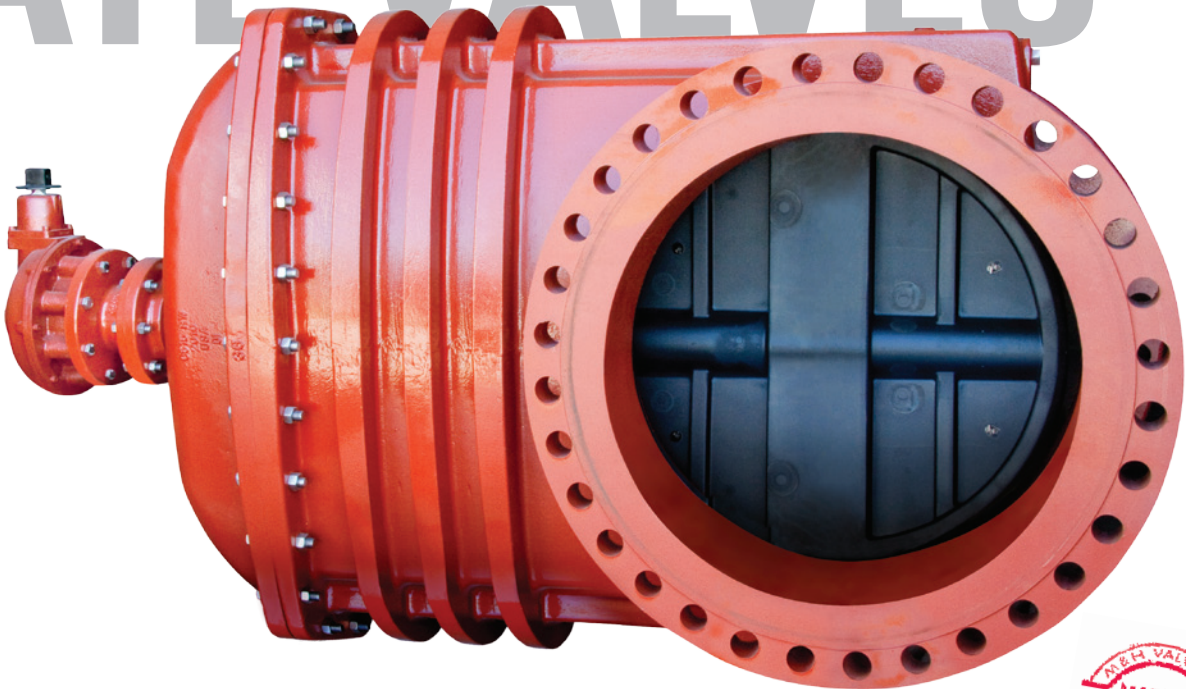


The original, and the definitive standard.

LARGE R/W GATE VALVES

24" THROUGH 54"
STYLE 7000



AWWA C515 250 PSI • NSF 61 Certified • Fusion Bond Epoxy Coated • 10 Year Limited Warranty



M&H VALVE COMPANY

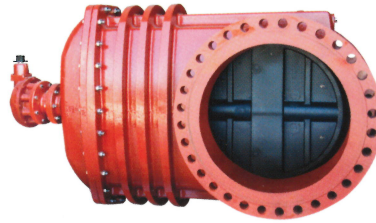
M&H Valve is a division of McWane, Inc.

www.mh-valve.com



For Generations

LARGE R/W GATE VALVES

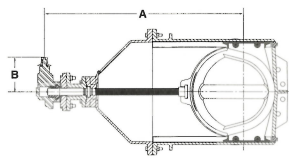


Resilient wedge valves and resilient wedge gate valves from M&H bring the latest technology and more than a century of engineering expertise to your water system. They're designed to meet or exceed AWWA standards and have, for decades, been recognized as the original and definitive standard. Trust your water system to the durability and precision engineering of resilient wedge gate valves from M&H.

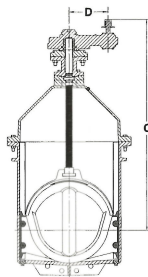
RESILIENT WEDGE GATE VALVE with CleanTrack™ Technology

In America today, systems are increasing their demand for larger-sized water lines. With these growing demands, M&H has made the commitment to meet, and surpass, previous large resilient seated gate valve requirements with a new concept — CleanTrack™ technology.

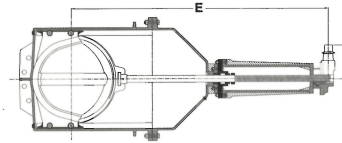
Sediment buildup in valves has been a costly proposition since the first water valves were created. In years past, systems with sediment-laden valves faced time consuming and costly valve removal or repair. Advanced large double disc technologies of decades past used various methods to clear the line of debris prior to closing. M&H's 24"– 54" gate valves have taken the best of the century-old double disc design and integrated it with the best of the latest resilient seated gate valve design and technology, to create valves with CleanTrack™ technology. CleanTrack™ uses a unique roller-scraper system that automatically cleans the track in the valve body when the valve is closing. Less sediment buildup makes for improved performance which means reduced maintenance and lower potential replacement costs



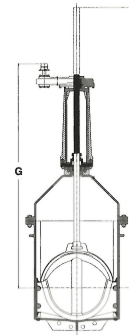
**ALL END STYLE BEVEL
GEARING HORIZONTAL
INSTALLATION**
24"– 54"



**ALL END STYLE SPUR
GEARING VERTICAL
INSTALLATION**
24"– 54"



**ALL END STYLE OS&Y BEVEL
GEARING HORIZONTAL
INSTALLATION**
24" ONLY



**ALL END STYLE OS&Y BEVEL
GEARING VERTICAL
INSTALLATION**
24" ONLY

NOTE: It is recommended that valves be installed with stems vertical when used in raw sewage or sludge applications or in water with excessive sediment. Flanged end connections not recommended for buried service.

NOTE: 2" bypass valves are available on 30"– 36" gate valves; 4" bypass valves are available on 42"– 54" gate valves.

AVAILABLE SIZES

VALVE SIZE	A	B	C	D	E	F	G	NO. OF TURNS TO FULL OPEN	GEAR RATIO
24"	60-1/4	10-3/8	62-5/8	12	79-1/8	140-5/8	83-3/4	228	3 to 1
30"	71-3/8	14-7/8	80	14	-	-	-	588	6 to 1
36"	81-1/16	14-7/8	89-11/16	14	-	-	-	684	6 to 1
42"	98-3/8	17	108-1/2	16	-	-	-	800	8 to 1
48"	101-3/8	17	111-1/2	16	-	-	-	800	8 to 1
54"	101-3/8	17	111-1/2	16	-	-	-	800	8 to 1

ENGINEERING FEATURES

100% COATED WEDGE

100% coated wedge ensures bubble-tight seal every time up to 250 PSI. With twin seal design.

STAINLESS STEEL HARDWARE

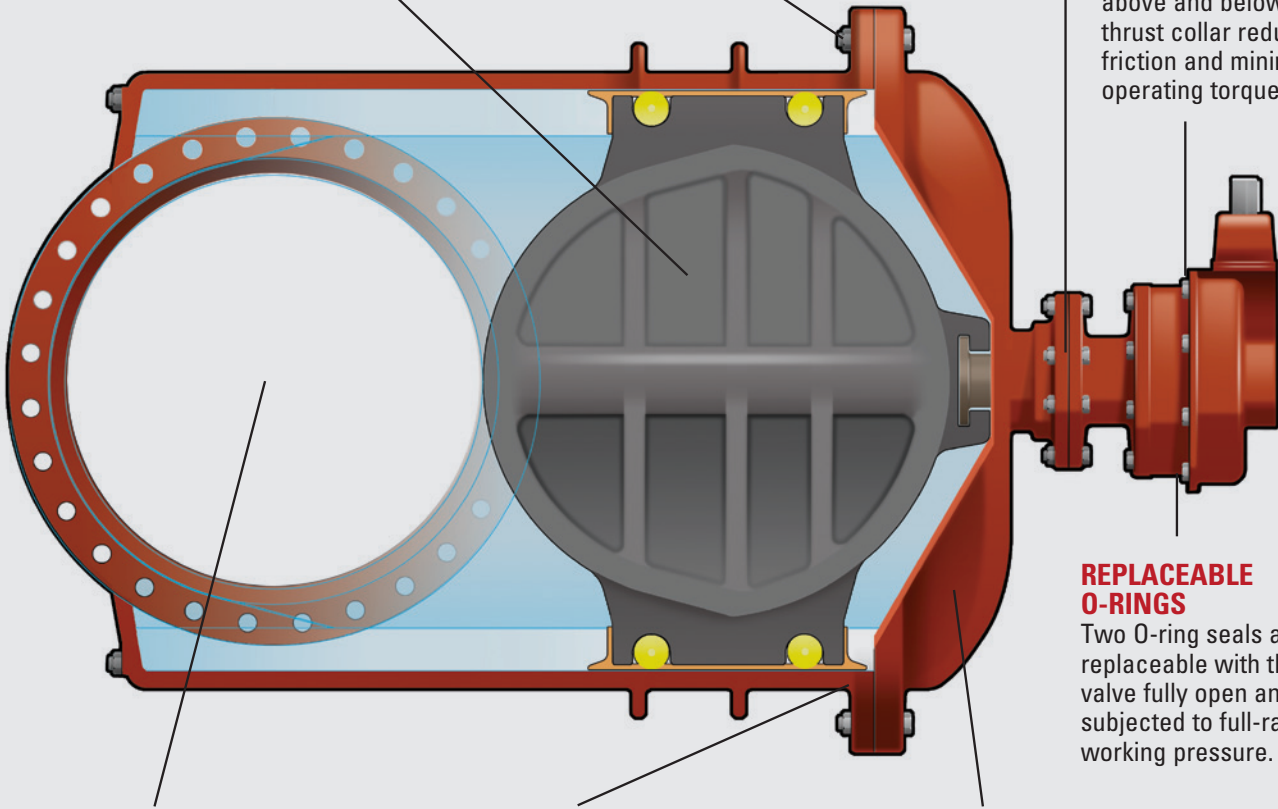
Stainless steel nuts and bolts provide long-life corrosion protection.

BRONZE STEM

Long, trouble-free life with high strength, non-corrosive bronze stem and stem nut.

THRUST BEARINGS

Derlin thrust bearings above and below the thrust collar reduce friction and minimize operating torques.



REPLACEABLE O-RINGS

Two O-ring seals are replaceable with the valve fully open and subjected to full-rated working pressure.

ACCEPT TAPPING CUTTER

Valves accept full-size tapping cutter (24"–48").

NO FLAT GASKETS

O-ring seals at stuffing box and bonnet to body flanges ensures the best possible seal. There are no flat gaskets.

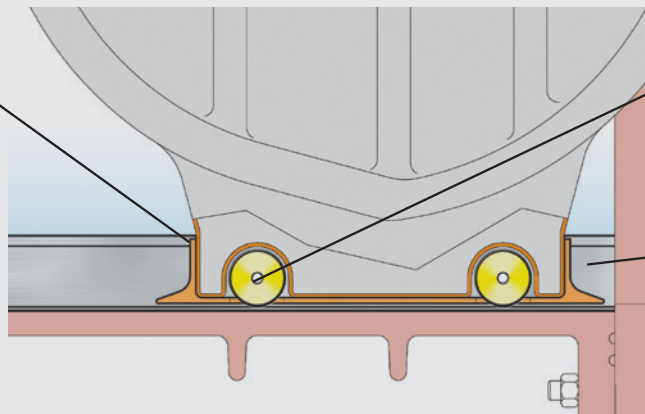
EPOXY COATING

Corrosion resistant fusion-bonded epoxy coating, conforming to AWWA C550 and NSF 61 Certified, protects both inside and outside of valve.

CLEANTRACK™ TECHNOLOGY

BRONZE SCRAPER

Bronze scraper affixed to resilient wedge wing is designed for long life performance.



BRONZE ROLLERS

Rollers integrated into scraper protect valve body from damage.

STAINLESS STEEL TRACK

316 stainless steel track for corrosion and wear resistance.



COMMITTED TO ENVIRONMENTAL RESPONSIBILITY

M&H VALVE COMPANY IS COMMITTED TO PROTECTING OUR NATURAL RESOURCES THROUGH ENVIRONMENTALLY RESPONSIBLE MANUFACTURING PRACTICES, INCLUDING THE USE OF 80+% RECYCLED CONTENT IN OUR HYDRANTS AND VALVES.

To learn more about our commitment to the environment, call 256-237-3521

RECOMMENDED SPECIFICATIONS

1. Valves shall conform to AWWA Standard C515 covering Resilient Seated Gate Valves for Water Supply Service, and be rated for 250 PSIG cold water working pressure.
2. The valves shall have a ductile iron body, bonnet, and stuffing box. The wedge shall be ductile iron and totally encapsulated with rubber.
3. The sealing rubber shall be permanently bonded to the wedge per ASTM D429.
4. Valves shall be supplied with O-ring seals at all pressure retaining joints. No flat gaskets or conventional type packing shall be allowed on NRS valves.
5. The valves shall be non-rising stem, opening by turning clockwise or counter-clockwise, and provided with a 2" square operating nut or a handwheel.
6. Stems for NRS assemblies shall be copper alloy with integral collars in full compliance with AWWA. Stems shall operate with copper alloy stem nuts independent of wedge and of stem. NRS stems shall have two O-rings located above thrust collar and two O-rings below. Stem O-rings above the thrust collar shall be replaceable with valve fully opened and subjected to full pressure. The stems shall also have one low-torque thrust bearing located above and one below the stem collar to reduce friction during operation.
7. Valves shall accept a full size tapping cutter.
8. The body, bonnet and stuffing box shall be fusion-bond epoxy coated, both interior and exterior. Epoxy shall be applied in accordance with AWWA C550 and be NSF 61 Certified.
9. Each valve shall have maker's name, pressure rating, and year in which it was manufactured cast in the body. Prior to shipment from the factory, each valve shall be tested by hydrostatic pressure equal to the requirements of AWWA C515.
10. Valves shall be provided with bevel gears (horizontal) or spur gears (vertical) as indicated.
11. Valves in sizes 30" and larger shall have brass bushings where the stem passes through the bonnet.
12. All external bolting materials shall be stainless steel and have hexagonal heads.
13. All valves shall include CleanTrack™ Technology. CleanTrack™ consists of bronze rollers housed in a bronze scraper on the both sides of the wedge, traveling in a 316 stainless steel track.
14. Valves shall have component parts cast, machined, assembled, and tested in the USA and shall be M&H Valve, Anniston, Alabama.



www.mh-valve.com



M&H VALVE COMPANY

605 West 23rd Street • Anniston, Alabama 36201
PHONE 256-237-3521 FAX 888-549-5309



For Generations

SPECIFICATIONS / AVAILABLE CONFIGURATIONS & STYLE NUMBERS (24"-54")

M&H AWWA C515 RESILIENT WEDGE GATE VALVES (1993)

Size Range	Water Working Pressure psi	Bubble Tight Seat Test psi	Hydrostatic Shell Test psi
AWWA 24" – 54"	250	250	500

Available End Connections	Size Range	Style
Mechanical Joint (NRS)	24"- 48"	7571
Flanged Ends (NRS)	24"- 54"	7561
Flanged Ends (OS&Y)	24"	7068
Flanged End X Mechanical Joint (NRS)	24"- 48"	7572
Tapping Valve	24"	7950

Available Options:

- Bevel or Spur Gear
- 2" Nut or Handwheel
- With or Without By-Pass Valve (Note: By-pass valve not available on 24")

NOTE: It is recommended that valves be installed with stems vertical when used in raw sewage or sludge applications or in water with excessive sediment

VALVE ACCESSORIES

Mechanical operational accessories are used for valves having special operational needs such as;

1. Location with limited access
2. Hazardous locations
3. Revision of operational position
4. High Torque Operation
5. Indication of Valve Position

Accessory selection must be evaluated for its capability to transmit the required torque requirements to the valve. To assure long-term trouble free operation, its materials of construction should take into account factors relating to corrosion and maintenance.

Accessories used on M&H valves can include the following:

- | | |
|--------------------------------|---------------------|
| Electric Motor Operators | Stem Guides |
| Indicator Posts | Hand wheels |
| "T" Handles | Extension Stems |
| Floor Boxes | Chain Wheels |
| Floor stands (Non-rising stem) | Position Indicators |
| Mire Box Gearing | Electronic Switches |

**RECOMMENDED SPECIFICATIONS (NRS STYLE 7000)(OS&Y STYLE 7068)
M&H AWWA C-515 RESILIENT WEDGE GATE VALVES
SIZES 24” to 54”**

RECOMMENDED SPECIFICATIONS

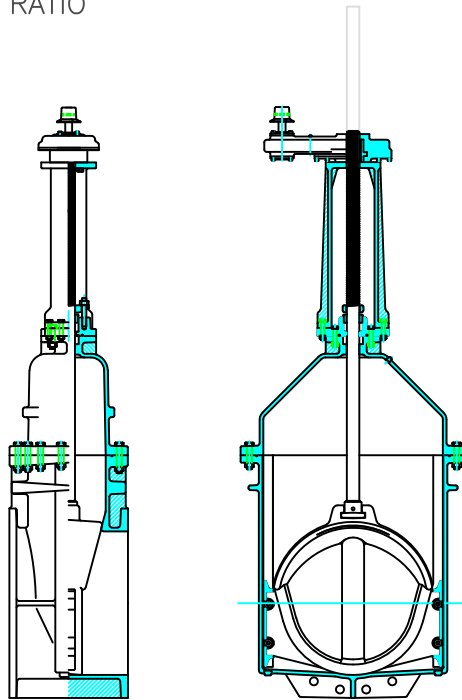
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5. The valves shall be non-rising stem, opening by turning clockwise or counter-clockwise, and provided with a 2” square operating nut or a handwheel.
6. Stems for NRS assemblies shall be copper alloy with integral collars in full compliance with AWWA. Stems shall operate with copper alloy stem nuts independent of wedge and of stem. NRS stems shall have two O-rings located above thrust collar and two O-rings below. Stem O-rings above the thrust collar shall be replaceable with valve fully opened and subjected to full pressure. The stems shall also have one low-torque thrust bearing located above and one below the stem collar to reduce friction during operation.
7. Valves shall accept a full size tapping cutter.
8. The body, bonnet and stuffing box shall be fusion-bond epoxy coated, both interior and exterior. Epoxy shall be applied in accordance with AWWA C550 and be NSF 61 Certified.
9. Each valve shall have maker’s name, pressure rating, and year in which it was manufactured cast in the body. Prior to shipment from the factory, each valve shall be tested by hydrostatic pressure equal to the requirements of AWWA C515.
10. Valves shall be provided with bevel gears (horizontal) or spur gears (vertical) as indicated.
11. Valves in sizes 30” and larger shall have brass bushings where the stem passes through the bonnet.
12. All external bolting materials shall be stainless steel and have hexagonal heads.
13. All valves shall include Clean Track™ Technology. Clean Track™ consists of bronze rollers housed in a bronze scraper on both sides of the wedge, traveling in a 316 stainless steel track.
14. Valves shall have component parts cast, machined, assembled, and tested in the USA and shall be M&H Valve, Anniston, Alabama.

NOTE: It is recommended that valves be installed with stems vertical when used in raw sewage or sludge applications or in water with excessive sediment.

September 1, 2012 / C515 Gate Valves 24” to 54”

ITEM	DESCRIPTION	MATERIAL	ASTM SPEC.
1	ROLL PIN	STAINLESS STEEL	AISI 18-8
2	OPERATING NUT	GRAY IRON	ASTM A126 Class B
*3	EXEECO IS7	(PURCHASED PART)	-----
4	SQUARE KEY	STEEL	AISI 1018
5	OUTPUT SLEEVE	COPPER ALLOY	ASTM C505 C95800
6	HEX CAPSCREW	STAINLESS STEEL	ASTM F594 18-8
7	YOKE	GRAY IRON	ASTM A126 Class B
8	HEX NUT	COPPER ALLOY	ASTM B584 C83600
9	FOLLOWER	GRAY IRON	ASTM A126 Class B
10	GLAND	COPPER ALLOY	ASTM B584 C83600
11	STUD	STAINLESS STEEL	ASTM F593 316
12	HEX BOLT & NUT	STAINLESS STEEL	ASTM F593/594 18-8
13	ADAPTER	GRAY IRON	ASTM A126 Class B
14	BUSHING	COPPER ALLOY	ASTM B584 C83600
15	O-RING	RUBBER	EPDM
17	PIPE PLUG	STAINLESS STEEL	AISI 316
18	STEM	COPPER ALLOY	ASTM B148 C95400
19	COVER	DUCTILE IRON	ASTM A536 65-45-12
20	HEX BOLT & NUT	STAINLESS STEEL	ASTM F593/594 18-8
21	COVER O-RING	RUBBER	EPDM
22	STEM O-RING (3)	RUBBER	EPDM
23	STEM NUT	COPPER ALLOY	ASTM B148 C95400
24	BODY	DUCTILE IRON	ASTM A536 65-45-12
25	TRACK	STAINLESS STEEL	AISI 316
26	SCRAPER	COPPER ALLOY	ASTM B148 C95400
27	ROLLER	COPPER ALLOY	ASTM B148 C95400
28	WEDGE	DUCTILE IRON/EPDM COATED	ASTM A536 65-45-12
30	PIN	STAINLESS STEEL	18-8
31	PIPE PLUGS	STAINLESS STEEL	AISI 316
32	HANDWHEEL	CAST IRON	ASTM A126 Class B

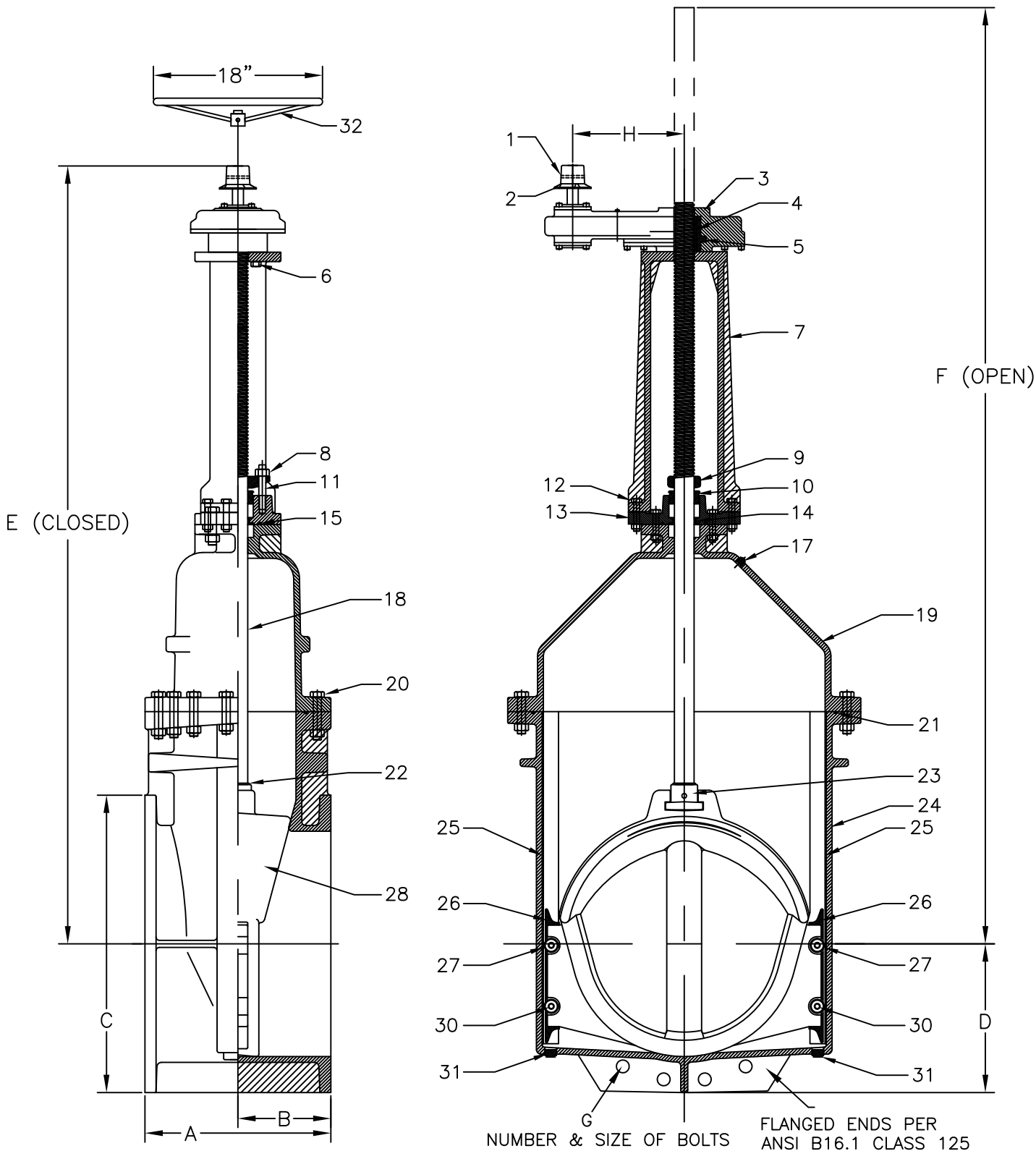
*ACTUATOR HAS 3:1 GEAR RATIO



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

DWN: CTJ
DATE: 7/24/19
DWG. NO.
LR-B4A

24"
RESILIENT SEAT GATE VALVE
C515-OS&Y-STYLE 7068
(WITH SPUR GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
MATERIAL LIST



VALVE SIZE	A	B	C	D	E	F	G	H	WEIGHT
24	20	10	32	16	83 3/4	104 5/8	10-1 1/4	12	3030

URNS TO OPEN: 24" = 225

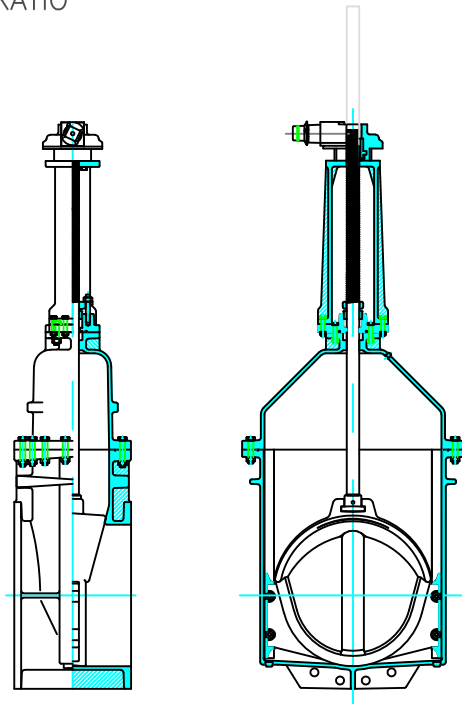
M&H VALVE COMPANY
ANNISTON, ALABAMA
A DIVISION OF MCWANE INC.

DWN: TRIJ
DATE: 9/1/12
DWG. NO.
LR-B4B

24"
RESILIENT SEAT GATE VALVE
C515-OS&Y-STYLE 7571
(WITH SPUR GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
FLANGED ENDS

ITEM	DESCRIPTION	MATERIAL	ASTM SPEC.
1	ROLL PIN	STAINLESS STEEL	AISI 304
2	OPERATING NUT	GRAY IRON	ASTM A126 Class B
*3	EXEECO IS7	(PURCHASED PART)	-----
4	SQUARE KEY	STEEL	AISI 1018
5	OUTPUT SLEEVE	COPPER ALLOY	ASTM C505 C95800
6	HEX CAPSCREW	STAINLESS STEEL	ASTM F594 18-8
7	YOKE	GRAY IRON	ASTM A126 Class B
8	HEX NUT	COPPER ALLOY	ASTM B584 C83600
9	FOLLOWER	GRAY IRON	ASTM A126 Class B
10	GLAND	COPPER ALLOY	ASTM B584 C83600
11	STUD	STAINLESS STEEL	ASTM F593 316
12	HEX BOLT & NUT	STAINLESS STEEL	ASTM F593/594 18-8
13	ADAPTER	GRAY IRON	ASTM A126 Class B
14	BUSHING	COPPER ALLOY	ASTM B584 C83600
15	O-RING	RUBBER	EPDM
17	PIPE PLUG	STAINLESS STEEL	AISI 316
18	STEM	COPPER ALLOY	ASTM B148 C95400
19	COVER	DUCTILE IRON	ASTM A536 65-45-12
20	HEX BOLT & NUT	STAINLESS STEEL	ASTM F593/594 18-8
21	COVER O-RING	RUBBER	EPDM
22	STEM O-RING (3)	RUBBER	EPDM
23	STEM NUT	COPPER ALLOY	ASTM B148 C95400
24	BODY	DUCTILE IRON	ASTM A536 65-45-12
25	TRACK	STAINLESS STEEL	AISI 316
26	SCRAPER	COPPER ALLOY	ASTM B148 C95400
27	ROLLER	COPPER ALLOY	ASTM B148 C95400
28	WEDGE	DUCTILE IRON/EPDM COATED	ASTM A536 65-45-12
30	PIN	STAINLESS STEEL	18-8
31	PIPE PLUGS	STAINLESS STEEL	AISI 316
32	HANDWHEEL	CAST IRON	ASTM A126 Class B

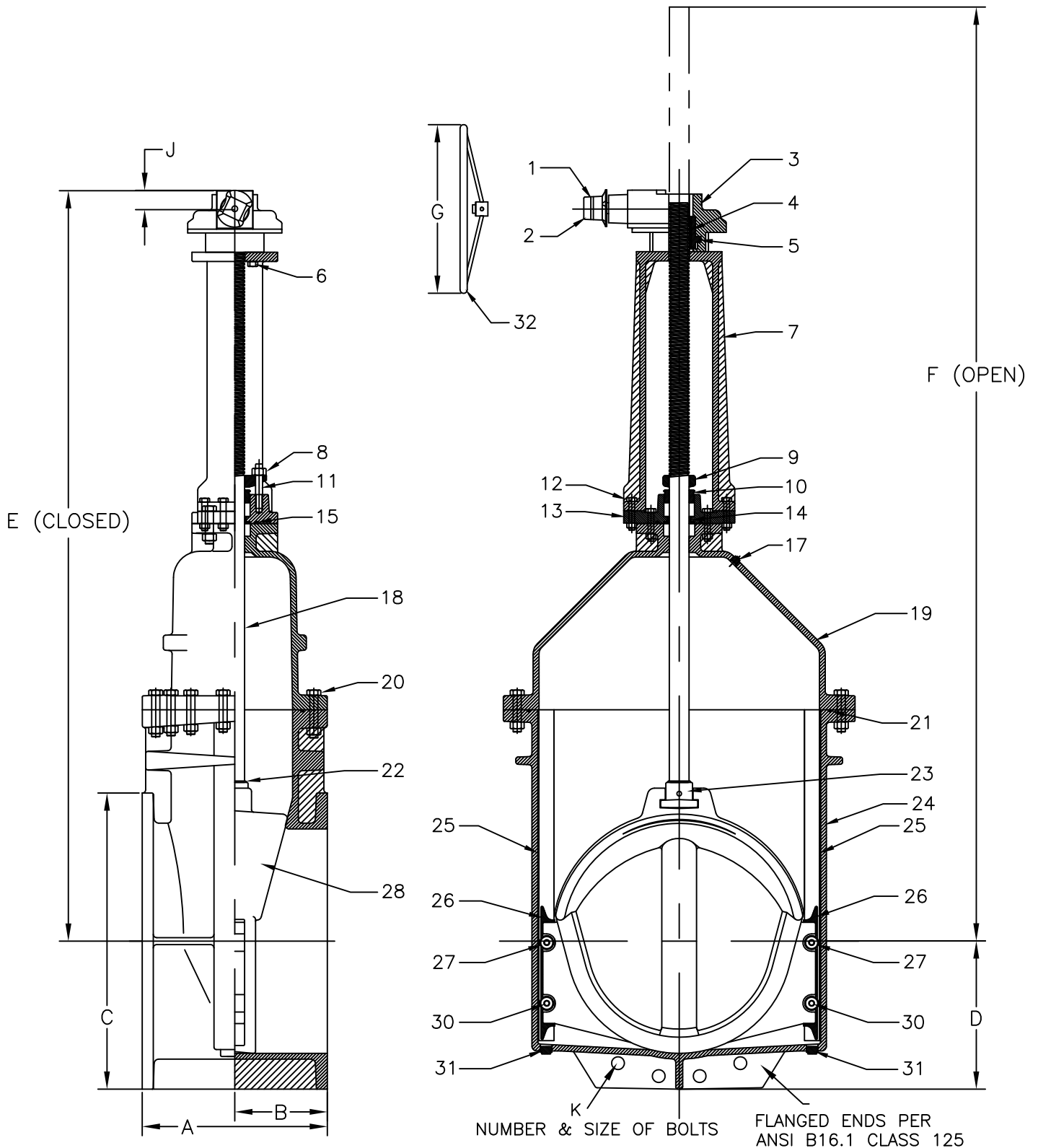
*ACTUATOR HAS 3:1 GEAR RATIO



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

DWN: CTJ
DATE: 7/24/19
DWG. NO.
LR-B5A

24"
RESILIENT SEAT GATE VALVE
C515-OS&Y-STYLE 7068
(WITH BEVEL GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
MATERIAL LIST



NUMBER & SIZE OF BOLTS FLANGED ENDS PER ANSI B16.1 CLASS 125

VALVE SIZE	A	B	C	D	E	F	G	H	J	K	WEIGHT
24	20	10	32	16	81 1/16	104 5/8	18	12	1 15/16	20-1 1/4	3030

URNS TO OPEN: 24" = 225

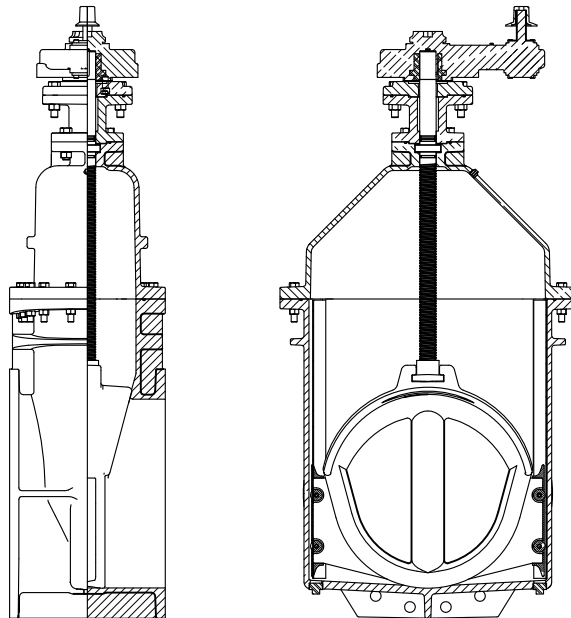
M&H VALVE COMPANY
ANNISTON, ALABAMA
A DIVISION OF MCWANE INC.

DWN: TRIJ
DATE: 9/1/12
DWG. NO.
LR-B5B

24"
RESILIENT SEAT GATE VALVE
C515-STYLE 7068
(WITH BEVEL GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
FLANGED ENDS

ITEM	DESCRIPTION	MATERIAL	ASTM SPEC.
*1	EXEECO IS7	(PURCHASED PART)	-----
2	ADAPTOR PLATE	DUCTILE IRON	ASTM A536 65-45-12
3	HEX HEAD BOLT	STAINLESS STEEL	ASTM F593 304
4	COVER	DUCTILE IRON	ASTM A536 65-45-12
5	HEX HEAD BOLT	STAINLESS STEEL	ASTM F593 304
6	HEX NUT	STAINLESS STEEL	ASTM F593 304
7	BODY	DUCTILE IRON	ASTM A536 65-45-12
8	WASHER	STEEL	-----
9	HEX HEAD BOLT	STAINLESS STEEL	ASTM F593 304
10	SOCKET HEAD BOLT	STAINLESS STEEL	ASTM F593 304
11	HEX NUT	STAINLESS STEEL	ASTM F593 304
12	HEX HEAD BOLT	STAINLESS STEEL	ASTM F593 304
13	DRIVE SLEEVE	STEEL	AISI 1023
14	ACTUATOR GASKET	RUBBER	BUNA N
15	O-RING	RUBBER	EPDM
16	EXTENSION	DUCTILE IRON	ASTM A536 65-45-12
17	O-RING	RUBBER	EPDM
18	THRUST WASHER	PLASTIC	DELRIN
19	TRACK	STAINLESS STEEL	AISI 316
20	ROLLER	BRONZE	ASTM B148 C954
21	PIN	STAINLESS STEEL	AISI 303
22	SCRAPER	BRONZE	ASSTM B148 C954
23	OPERATING NUT	DUCTILE IRON	ASTM A536 65-45-12
24	KEY	STEEL	AISI 1018
25	O-RING	RUBBER	EPDM
26	PIPE PLUG	STAINLESS STEEL	AISI 304
27	STEM	BRONZE	ASTM B584 C86700
28	O-RING	RUBBER	EPDM
29	STEM NUT	BRASS	ASTM B584 C83600
30	WEDGE	DUCTILE IRON/EPDM COATED	ASTM A536 65-45-12
31	PIPE PLUG	STAINLESS STEEL	AISI 304
32	HANDWHEEL	CAST IRON	ASTM A126 CLASS B

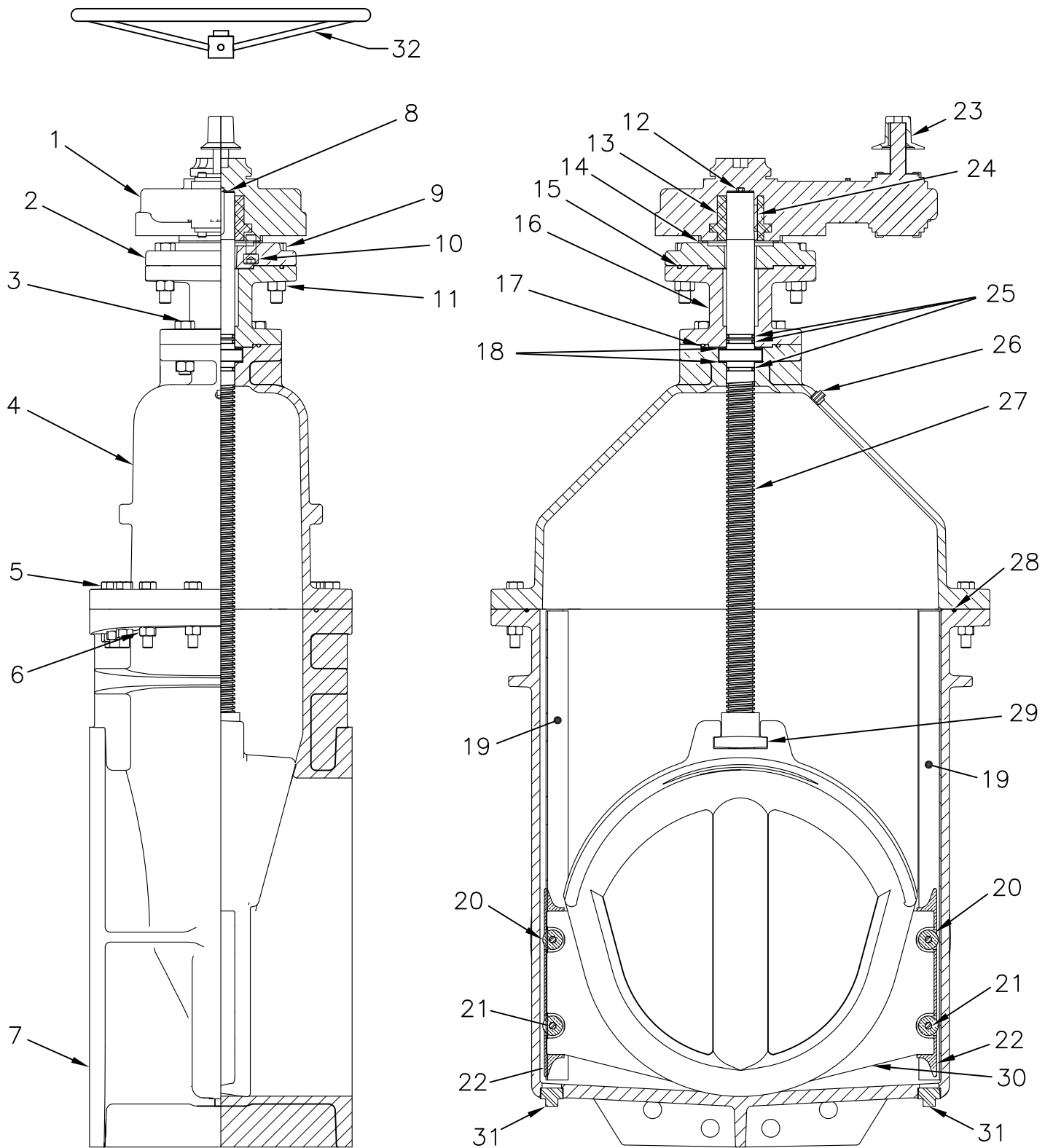
*ACTUATOR HAS 3:1 GEAR RATIO



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

DWN: TRIJ
DATE: 9/1/12
DWG. NO.
LR-C6A

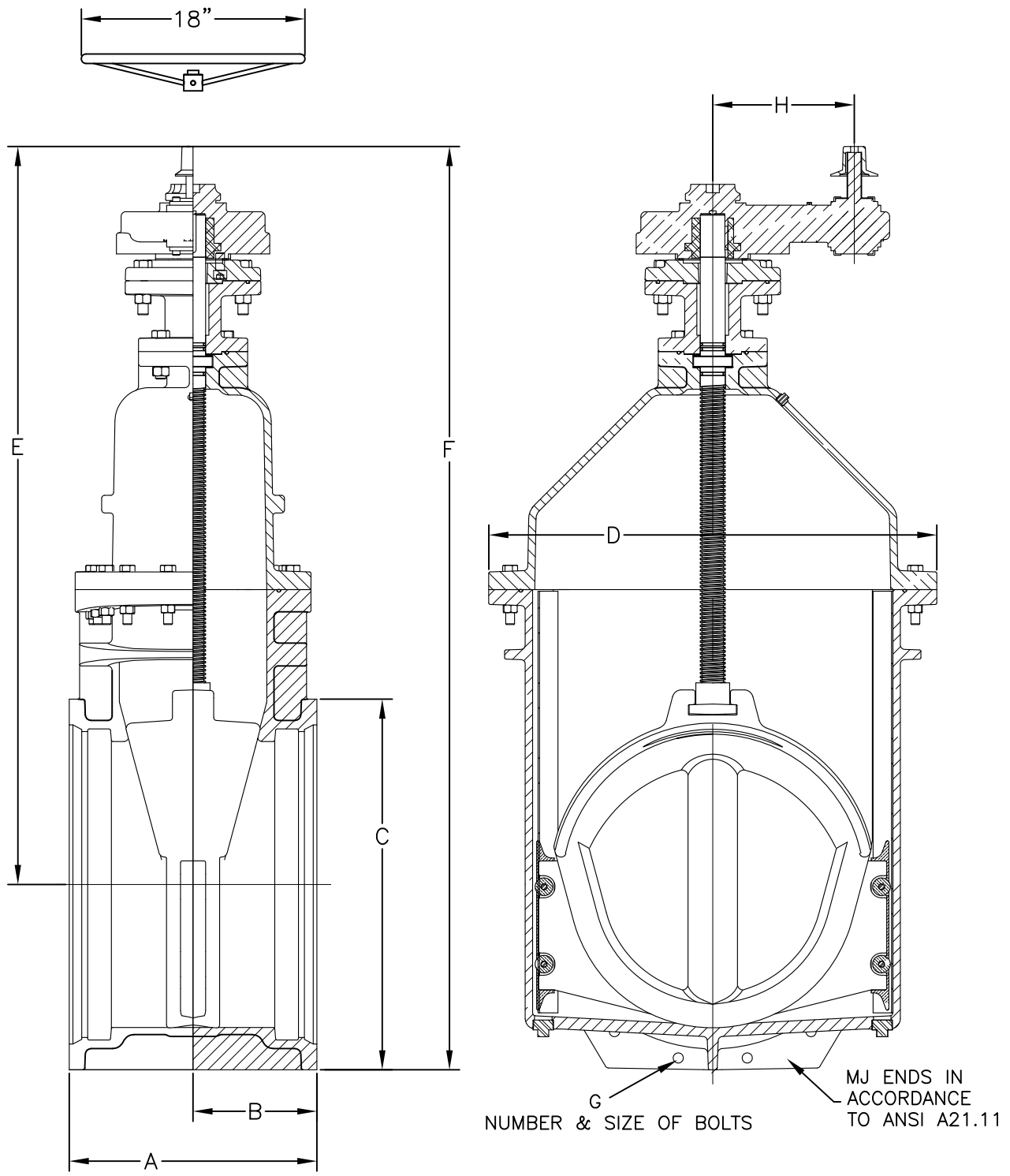
24"
RESILIENT SEAT GATE VALVE
C515-NRS-7000 SERIES
(WITH SPUR GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
MATERIAL LIST



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

DWN: TRIJ
DATE: 9/1/12
DWG. NO.
LR-C6B

24"
RESILIENT SEAT GATE VALVE
C515-NRS-7000 SERIES
(WITH SPUR GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
ASSEMBLY DRAWING



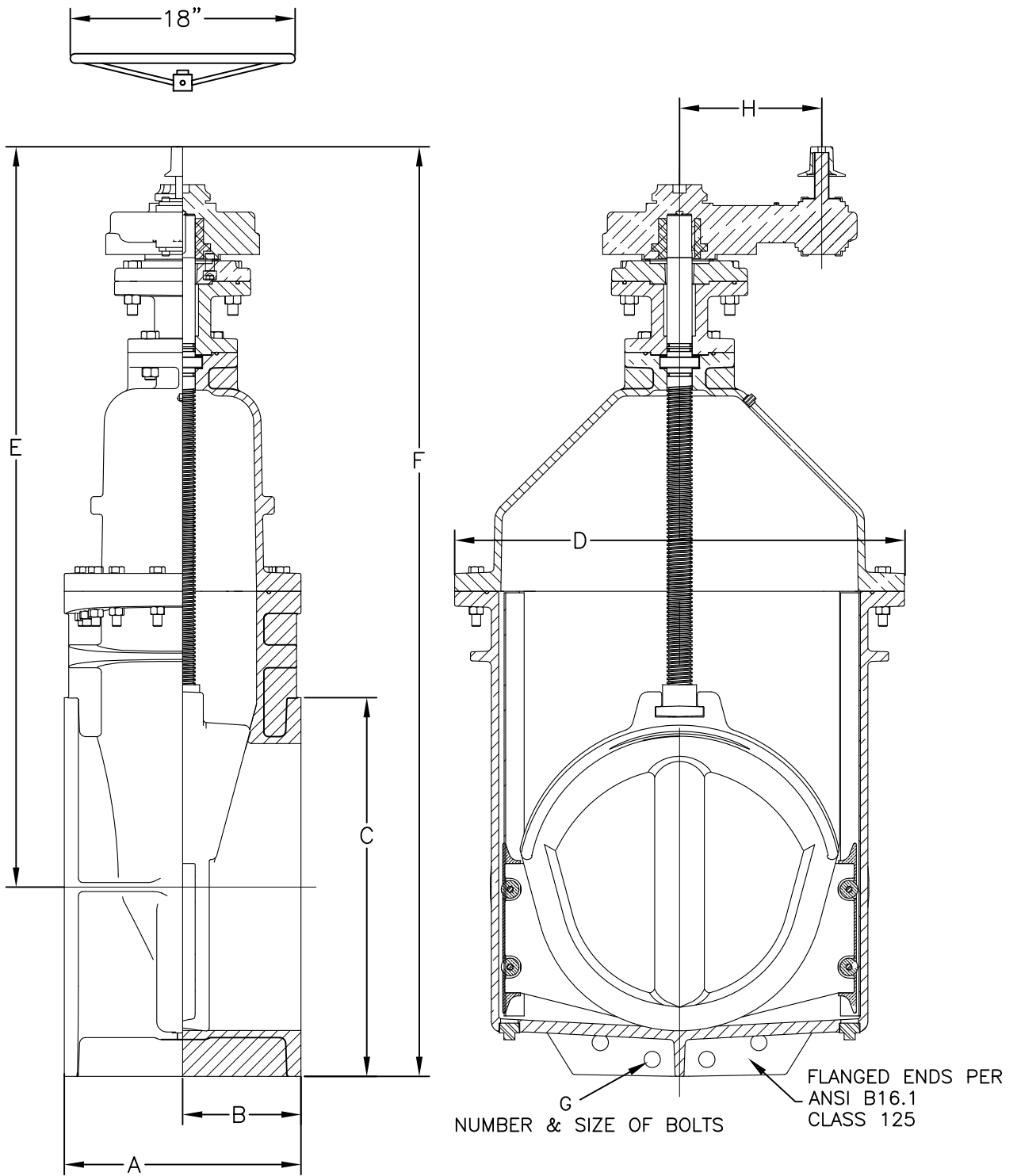
VALVE SIZE	A	B	C	D	E	F	G	H	WEIGHT
24	21	10 1/2	31 1/2	38	62 5/8	78 1/4	16-3/4	12	3030

TURNS TO OPEN: 24" = 225

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

DWN: TRIJ
DATE: 9/1/12
DWG. NO.
LR-C7

24"
RESILIENT SEAT GATE VALVE
C515-STYLE 7571
(WITH SPUR GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
MJ x MJ



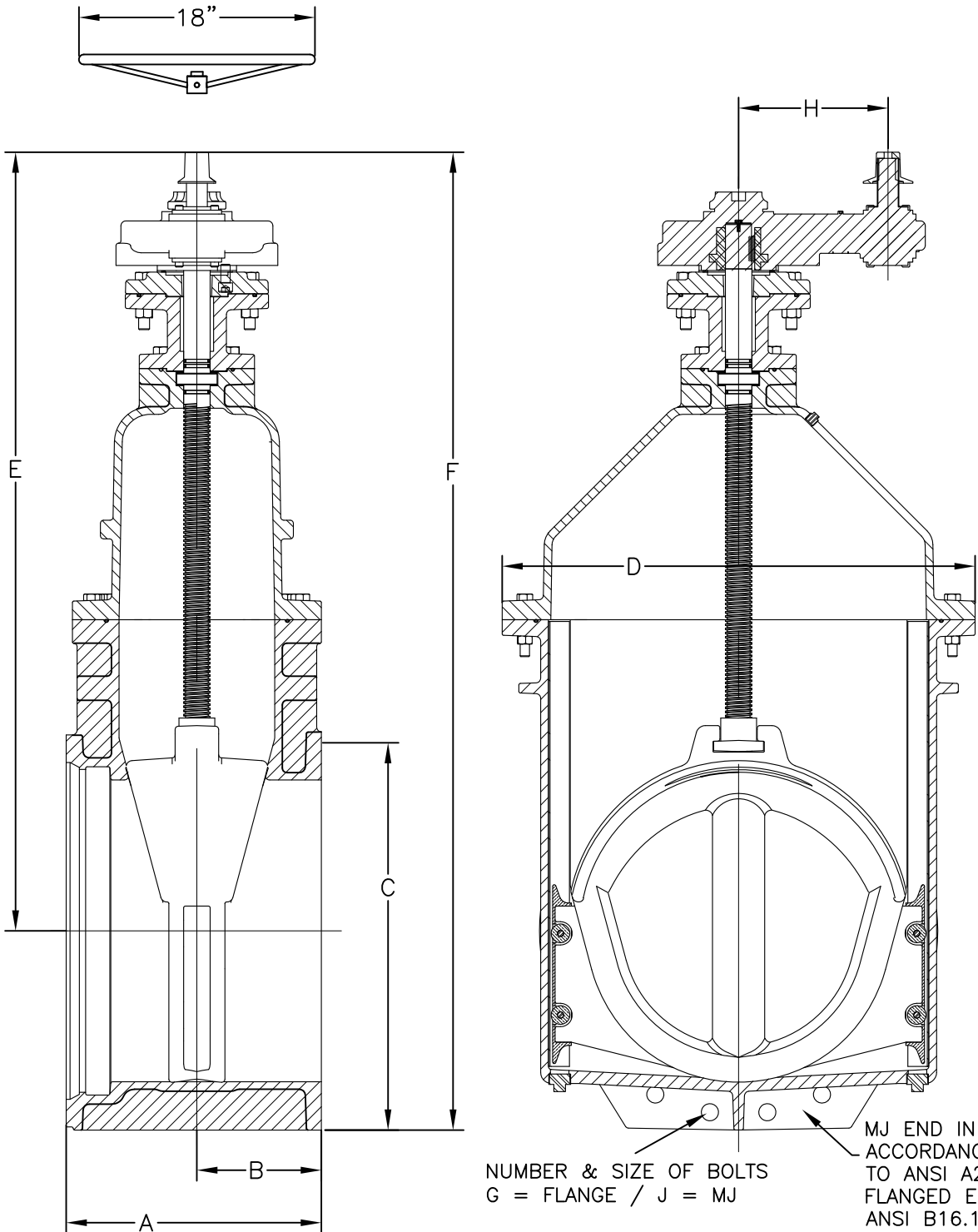
VALVE SIZE	A	B	C	D	E	F	G	H	WEIGHT
24	20	10	32	38	62 5/8	78 5/8	20-1 1/4	12	3030

TURNS TO OPEN: 24" = 225

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

DWN: TRIJ
DATE: 9/1/12
DWG. NO.
LR-C8

24"
RESILIENT SEAT GATE VALVE
C515-STYLE 7561
(WITH SPUR GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
FLANGED ENDS



NUMBER & SIZE OF BOLTS
G = FLANGE / J = MJ

MJ END IN ACCORDANCE TO ANSI A21.11
FLANGED END PER ANSI B16.1
CLASS 125

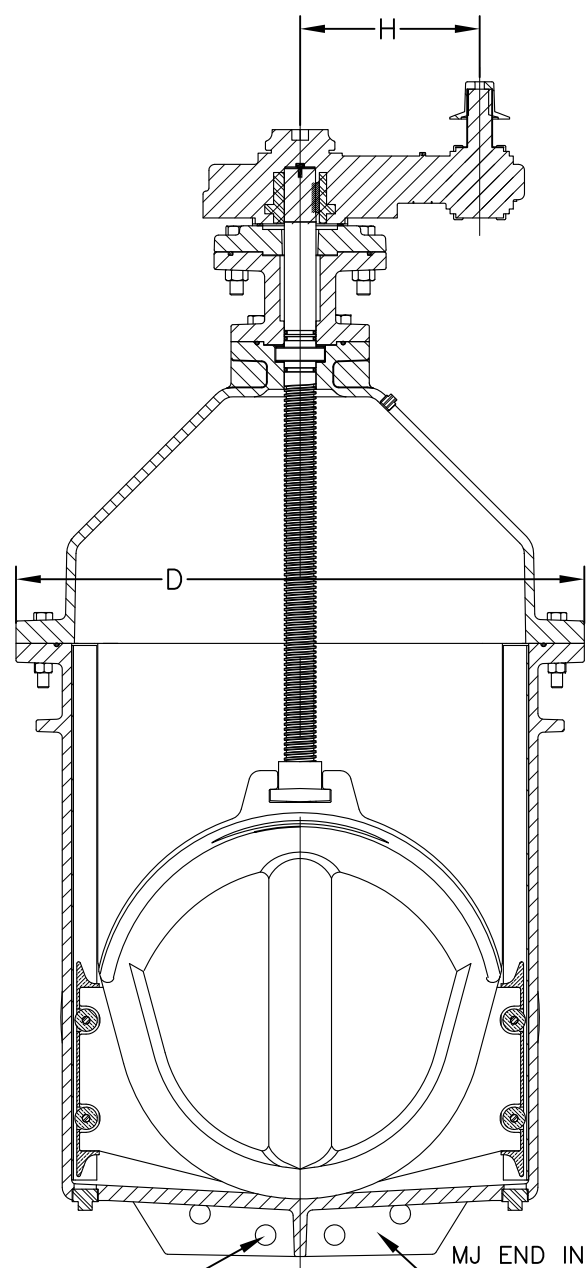
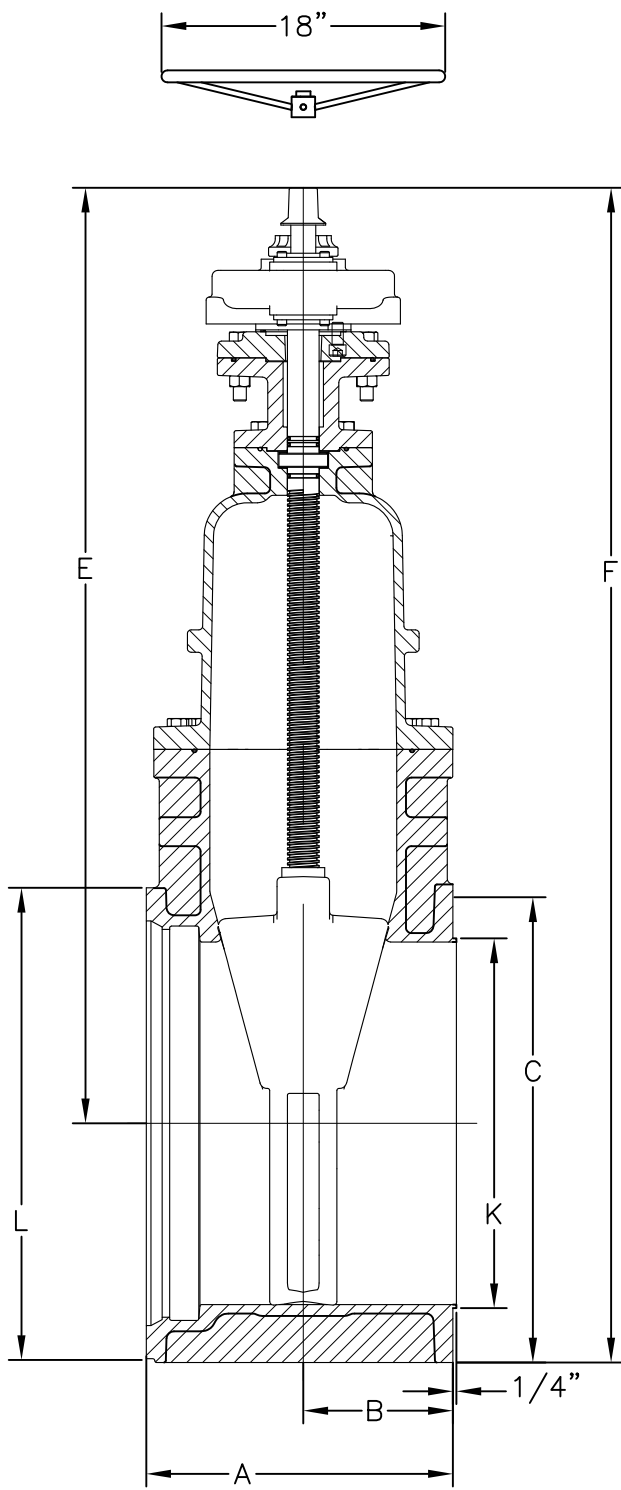
VALVE SIZE	A	B	C	D	E	F	G	H	J	WEIGHT
24	20 1/2	10 1/2	32	38	62 5/8	78 5/8	20-1 1/4	12	16-3/4	3030

URNS TO OPEN: 24" = 225
NOTE: VALVE WILL ACCEPT A FULL SIZE TAPPING CUTTER

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

DWN: TRIJ
DATE: 9/1/12
DWG. NO.
LR-C9

24"
RESILIENT SEAT GATE VALVE
C515-STYLE 7572
(WITH SPUR GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
FLANGED x MJ



NUMBER & SIZE OF BOLTS
G = FLANGE / J = MJ

MJ END IN ACCORDANCE TO ANSI A21.11
FLANGED END PER ANSI B16.1 CLASS 125

VALVE SIZE	A	B	C	D	E	F	G	H	J	K	L	WEIGHT
24	20 1/2	10 1/2	32	38	62 5/8	78 5/8	20-1 1/4	12	16-3/4	24 7/8	31 1/2	3030

URNS TO OPEN: 24" = 225
ACCOMMODATES A FULL SIZE DIAMETER CUTTER

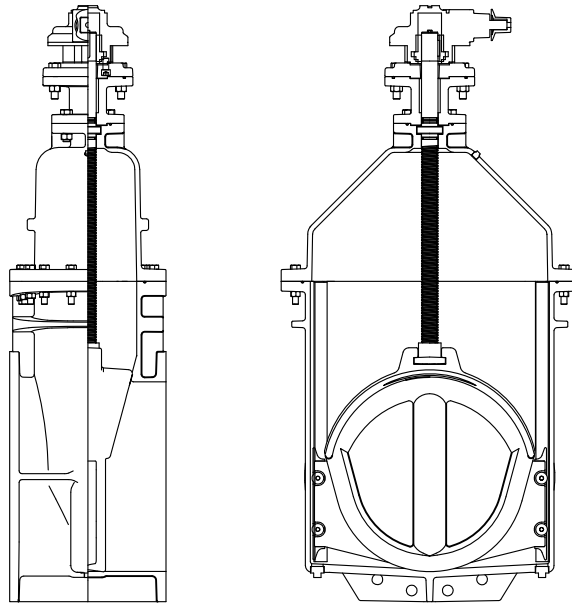
M&H VALVE COMPANY
ANNISTON, ALABAMA
A DIVISION OF MCWANE INC.

DWN: TRIJ
DATE: 9/1/12
DWG. NO. LR-C10

24" RESILIENT SEAT GATE VALVE
C515-STYLE 7590
(WITH SPUR GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
TAPPING VALVE

ITEM	DESCRIPTION	MATERIAL	ASTM SPEC.
*1	EXEECO IS7	(PURCHASED PART)	-----
2	ADAPTOR PLATE	DUCTILE IRON	ASTM A536 65-45-12
3	HEX HEAD BOLT	STAINLESS STEEL	ASTM F593 304
4	COVER	DUCTILE IRON	ASTM A536 65-45-12
5	HEX HEAD BOLT	STAINLESS STEEL	ASTM F593 304
6	HEX NUT	STAINLESS STEEL	ASTM F593 304
7	BODY	DUCTILE IRON	ASTM A536 65-45-12
8	WASHER	STEEL	-----
9	HEX HEAD BOLT	STAINLESS STEEL	ASTM F593 304
10	SOCKET HEAD BOLT	STAINLESS STEEL	ASTM F593 304
11	HEX NUT	STAINLESS STEEL	ASTM F593 304
12	HEX HEAD BOLT	STAINLESS STEEL	ASTM F593 304
13	DRIVE SLEEVE	STEEL	AISI 1023
14	ACTUATOR GASKET	RUBBER	BUNA N
15	O-RING	RUBBER	EPDM
16	EXTENSION	DUCTILE IRON	ASTM A536 65-45-12
17	O-RING	RUBBER	EPDM
18	THRUST WASHER	PLASTIC	DELRIN
19	TRACK	STAINLESS STEEL	AISI 316
20	ROLLER	BRONZE	ASTM B148 C954
21	PIN	STAINLESS STEEL	AISI 303
22	SCRAPER	BRONZE	ASSTM B148 C954
23	OPERATING NUT	DUCTILE IRON	ASTM A536 65-45-12
24	KEY	STEEL	AISI 1018
25	O-RING	RUBBER	EPDM
26	PIPE PLUG	STAINLESS STEEL	AISI 304
27	STEM	BRONZE	ASTM B584 C86700
28	O-RING	RUBBER	EPDM
29	STEM NUT	BRASS	ASTM B584 C83600
30	WEDGE	DUCTILE IRON/EPDM COATED	ASTM A536 65-45-12
31	PIPE PLUG	STAINLESS STEEL	AISI 304
32	HANDWHEEL	CAST IRON	ASTM A126 CLASS B

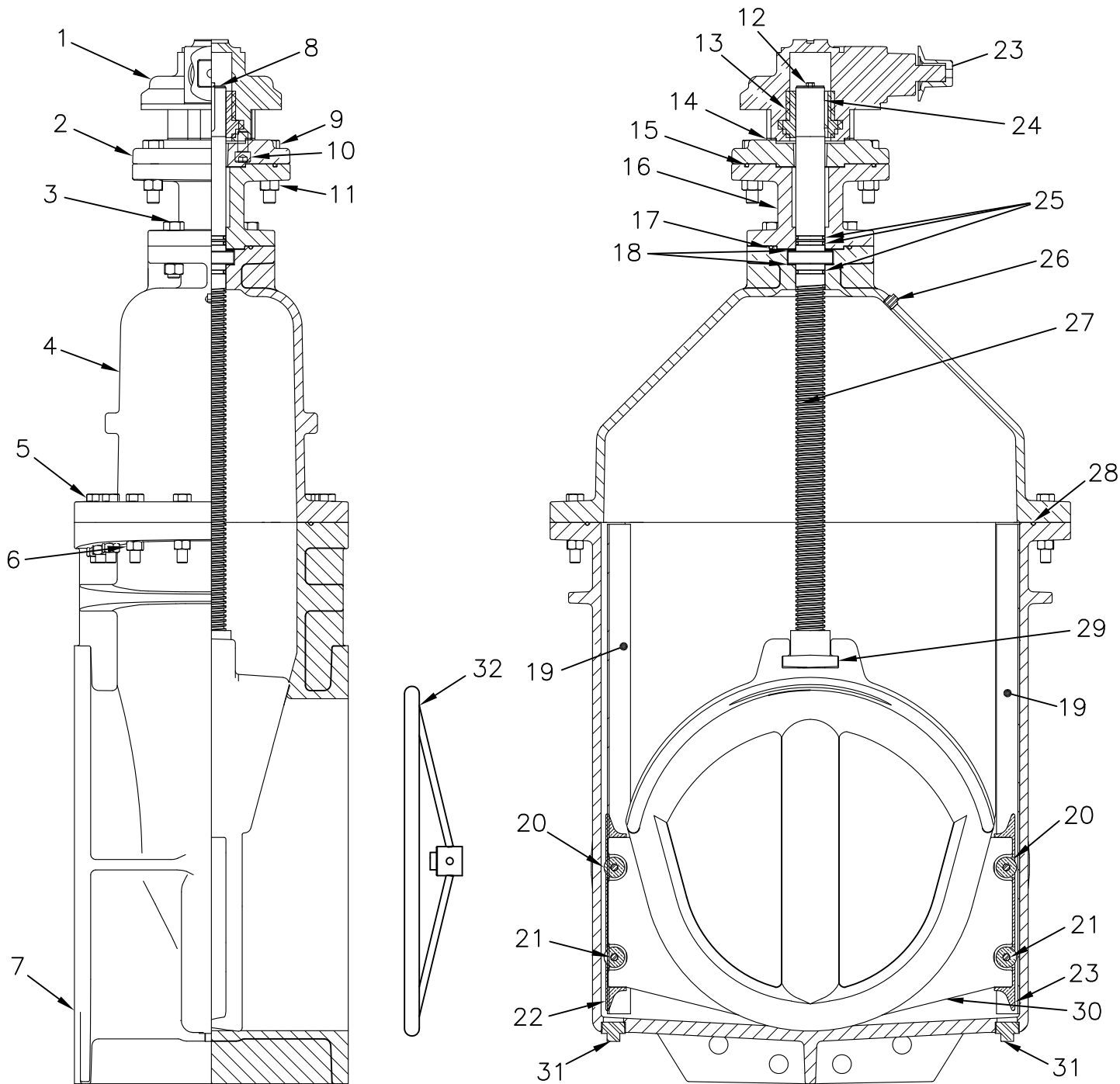
*ACTUATOR HAS 3:1 GEAR RATIO



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

DWN: TRIJ
DATE: 9/1/12
DWG. NO.
LR-D6A

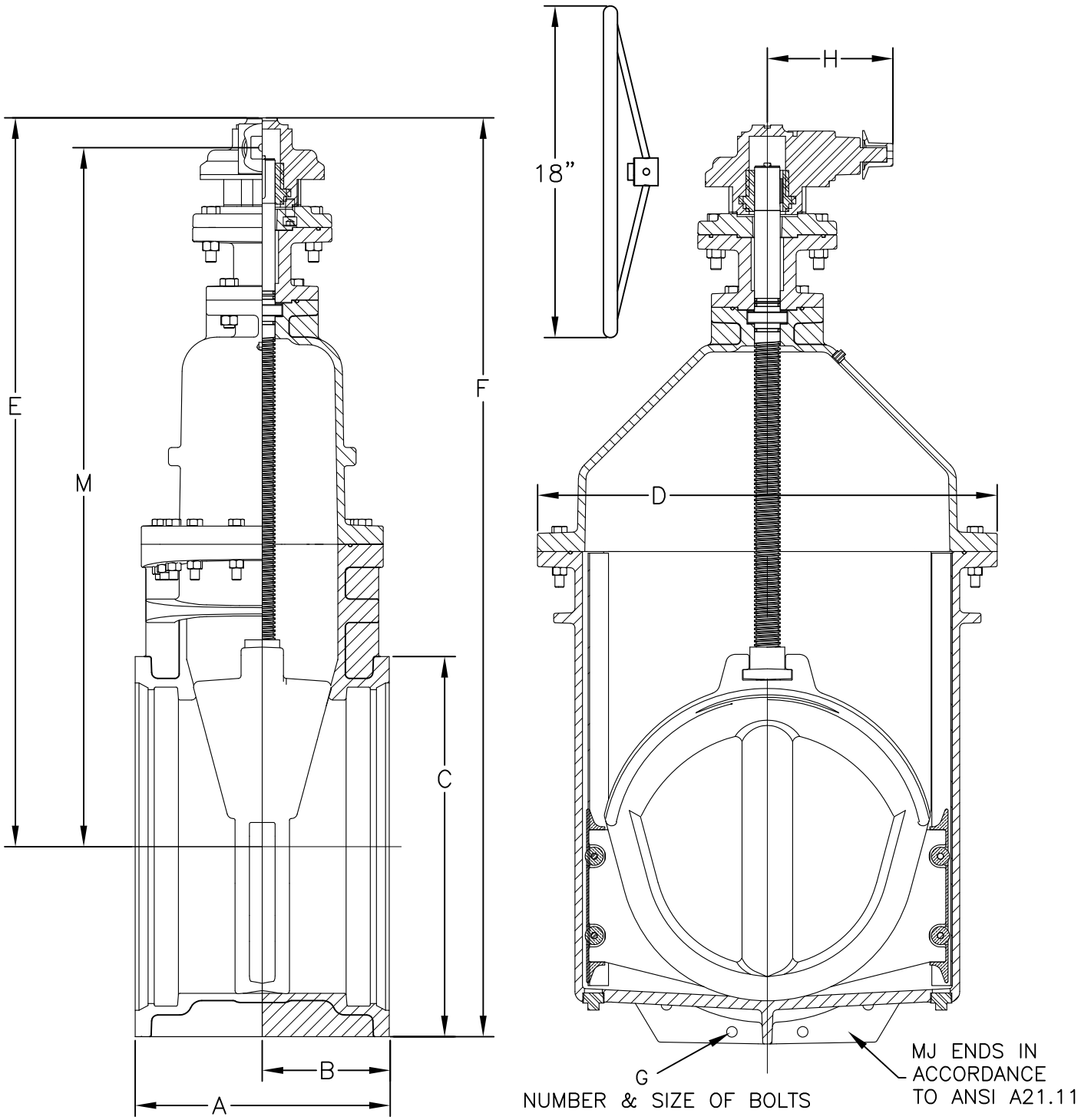
24"
RESILIENT SEAT GATE VALVE
C515-NRS-7000 SERIES
(WITH BEVEL GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
MATERIAL LIST



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

DWN: TRIJ
DATE: 9/1/12
DWG. NO.
LR-D6B

24"
RESILIENT SEAT GATE VALVE
C515-NRS-7000 SERIES
(WITH BEVEL GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
VALVE ASSEMBLY



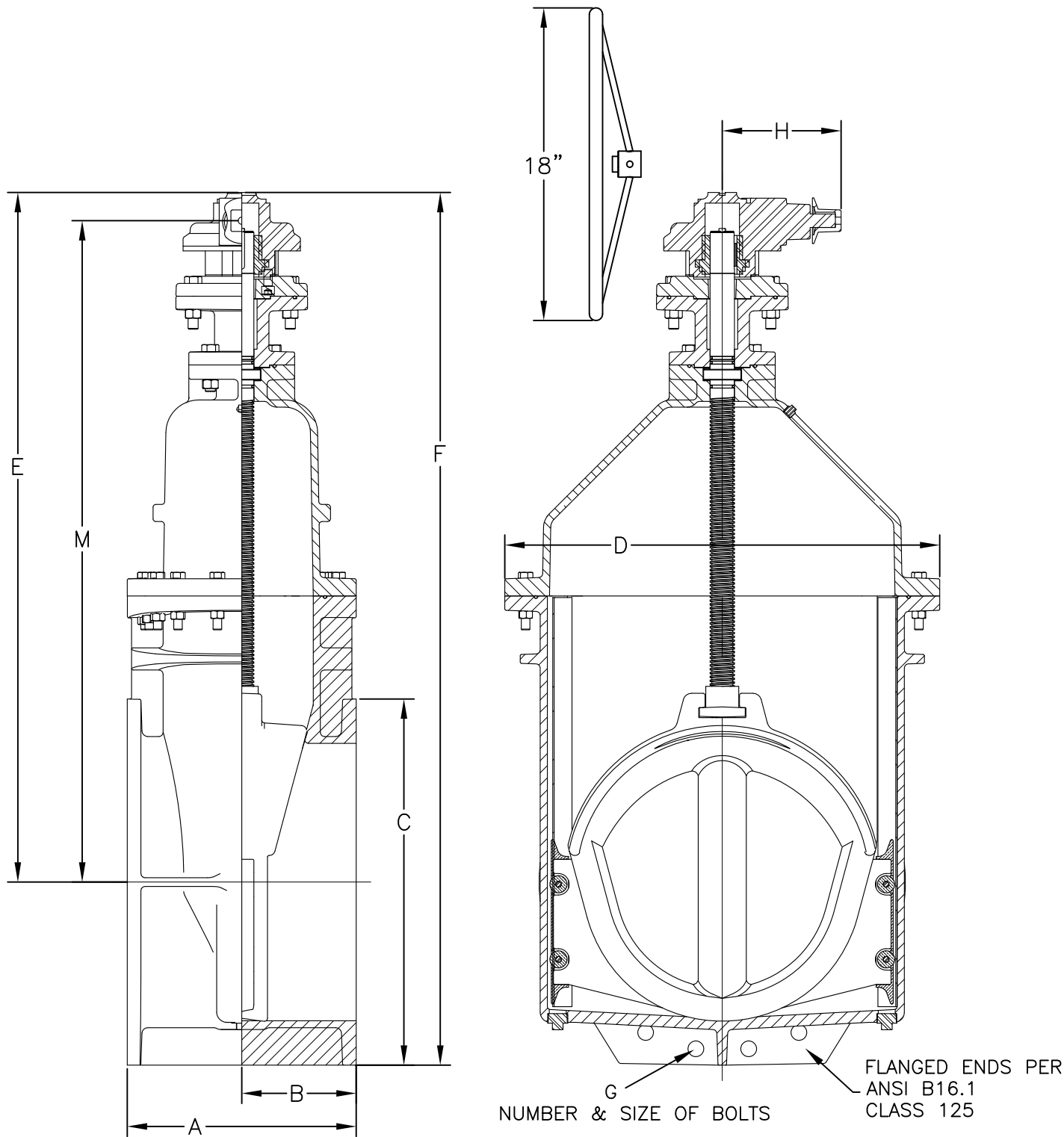
VALVE SIZE	A	B	C	D	E	F	G	H	M	WEIGHT
24	21	10 1/2	31 1/2	38	60 1/4	76	16-3/4	10 3/8	57 3/4	3030

URNS TO OPEN: 24" = 225

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

DWN: TRIJ
DATE: 9/1/12
DWG. NO.
LR-D7

24"
RESILIENT SEAT GATE VALVE
C515-STYLE 7571
(WITH BEVEL GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
MJ X MJ



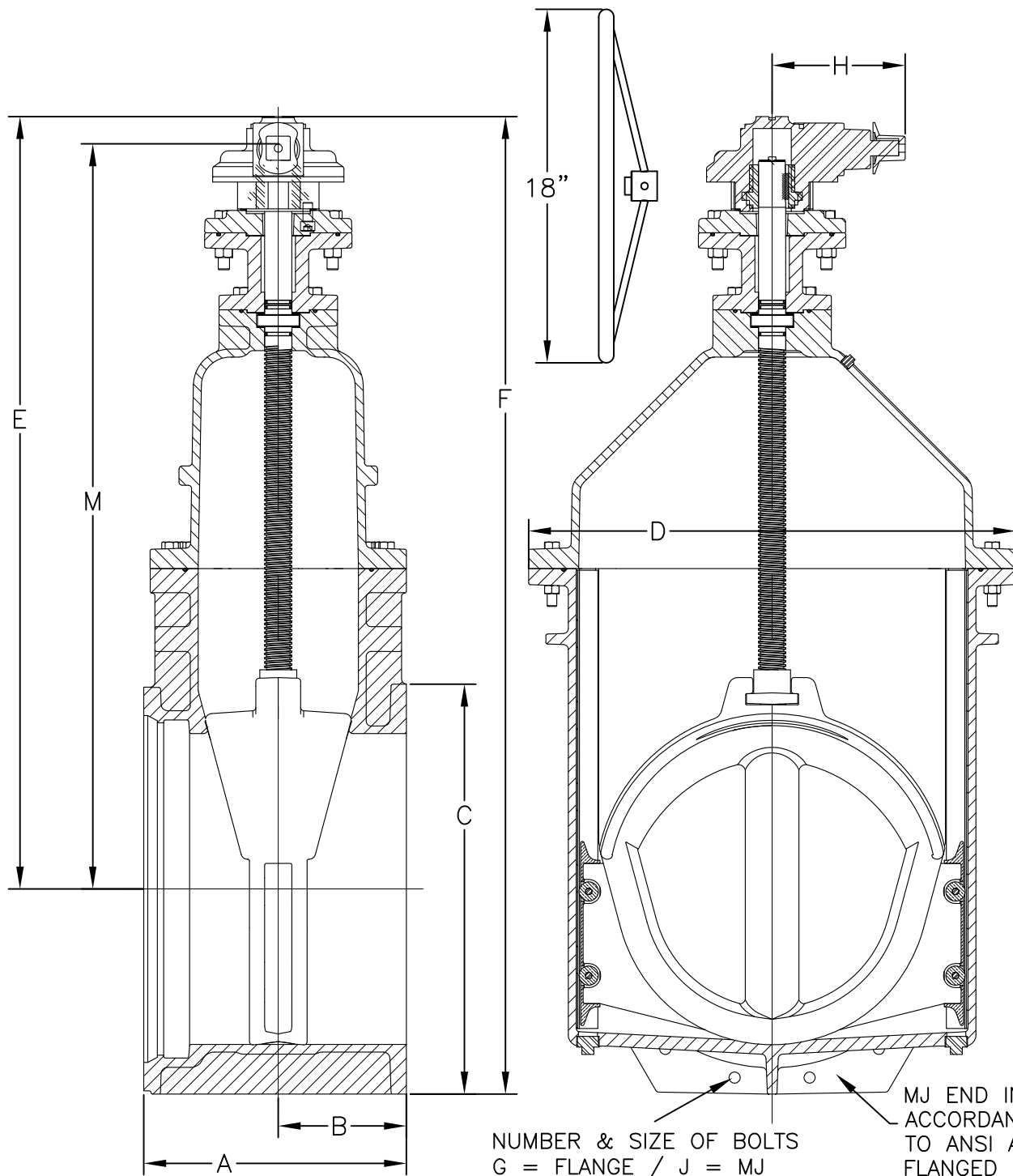
VALVE SIZE	A	B	C	D	E	F	G	H	M	WEIGHT
24	20	10	32	38	60 1/4	76 1/4	20-1 1/4	10 3/8	57 3/4	3030

URNS TO OPEN: 24"= 225

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

DWN: TRIJ
DATE: 9/1/12
DWG. NO.
LR-D8

24"
RESILIENT SEAT GATE VALVE
C515-STYLE 7561
(WITH BEVEL GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
FLANGED ENDS



VALVE SIZE	A	B	C	D	E	F	G	H	J	M	WEIGHT
24	20 1/2	10 1/2	32	38	60 1/4	76 1/4	20-1 1/4	10 3/8	16-3/4	57 3/4	3000

URNS TO OPEN: 24" = 225

NOTE: VALVE WILL ACCEPT A FULL SIZE TAPPING CUTTER

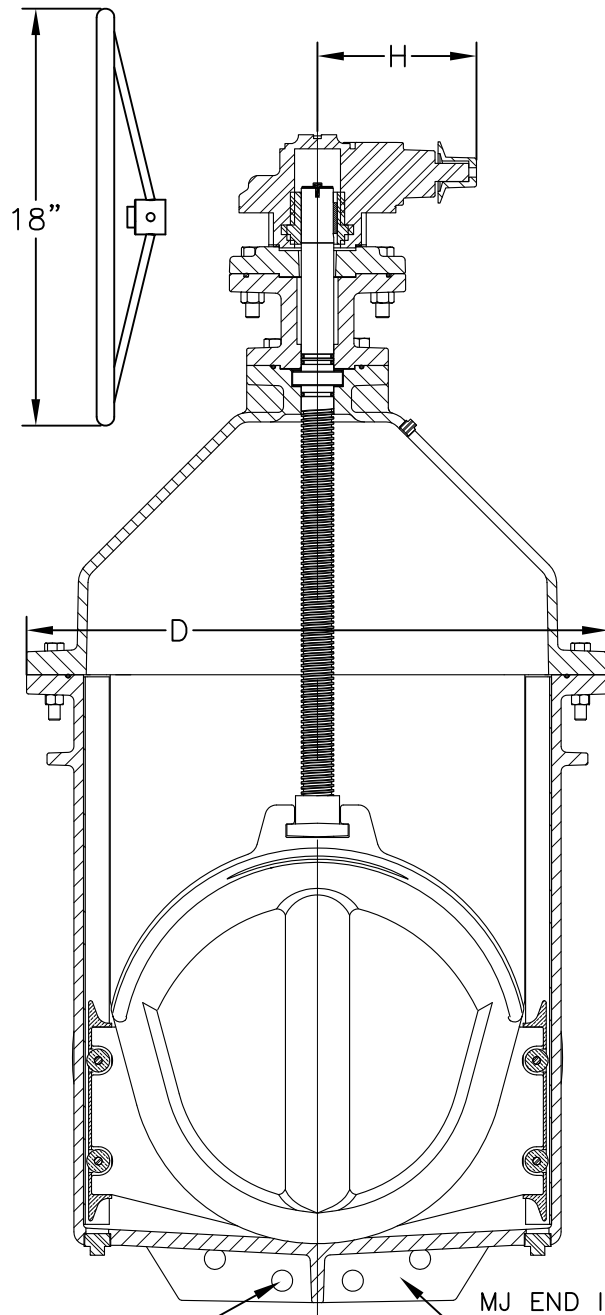
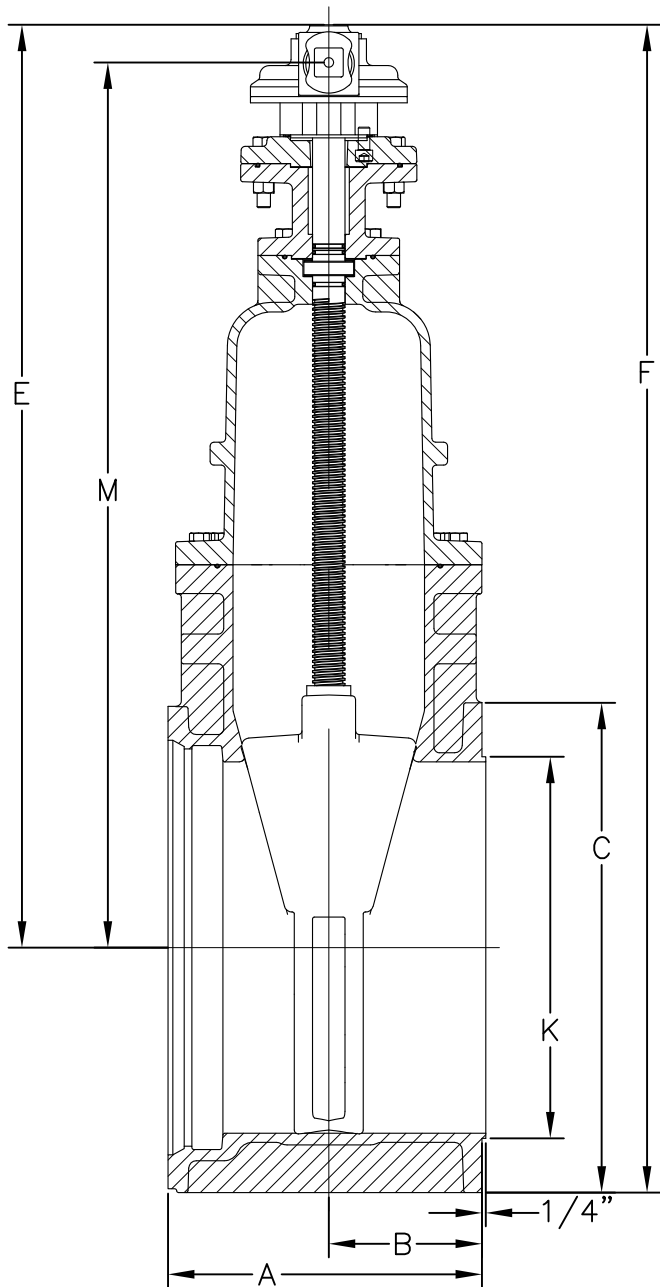
M&H VALVE COMPANY
ANNISTON, ALABAMA
A DIVISION OF MCWANE INC.

DWN: TRIJ

DATE: 9/1/12

DWG. NO.
LR-D9

24"
RESILIENT SEAT GATE VALVE
C515-STYLE 7572
(WITH BEVEL GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
FLANGED X MJ



NUMBER & SIZE OF BOLTS
G = FLANGE / J = MJ

MJ END IN
ACCORDANCE
TO ANSI A21.11
FLANGED END PER
ANSI B16.1
CLASS 125

VALVE SIZE	A	B	C	D	E	F	G	H	J	K	M	WEIGHT
24	20 1/2	10 1/2	32	38	60 1/4	76 1/4	20-1 1/4	10 3/8	16-3/4	24 7/8	57 3/4	3030

URNS TO OPEN: 24" = 225
ACCOMMODATES A FULL SIZE DIAMETER CUTTER

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

DWN: TRIJ
DATE: 9/1/12
DWG. NO.
LR-D10

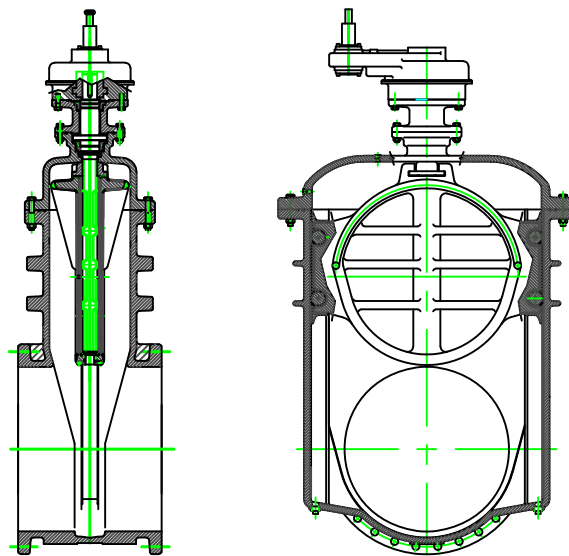
24"
RESILIENT SEAT GATE VALVE
C515-STYLE 7590
(WITH BEVEL GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
TAPPING VALVE

ITEM	DESCRIPTION	MATERIAL	ASTM SPEC.
1	BODY	DUCTILE IRON	ASTM A536 64-45-12
2	BOLT	STAINLESS STEEL	AISI 18-8 SS
3	NUT	STAINLESS STEEL	AISI 18-8 SS
4	WEDGE CASTING	DUCTILE IRON	ASTM A536 64-45-12
5	MOLDED RUBBER ON WEDGE	RUBBER	EPDM
6	STEM NUT	COPPER ALLOY	ASTM B763 C87610
7	EXTENSION-ACTUATOR	DUCTILE IRON	ASTM A536 64-45-12
8	BOLT	STAINLESS STEEL	AISI 18-8 SS
9	NUT	STAINLESS STEEL	AISI 18-8 SS
10	KEY	STEEL	-----
11	BEVEL GEAR ACTUATOR	(PURCHASED PART)	-----
12	O-RING	RUBBER	EPDM
13	BOLT	STAINLESS STEEL	AISI 18-8 SS
14	BUSHING-STEM GUIDE	COPPER ALLOY	ASTM B584 C83600
15	O-RING	RUBBER	EPDM
16	THRUST BEARING	NYLATRON	-----
17	O-RING	RUBBER	EPDM
18	COVER BUSHING	COPPER ALLOY	ASTM B584 C83600
19	O-RING	RUBBER	EPDM
20	COVER	DUCTILE IRON	ASTM A536 65-45-12
21	O-RING-COVER OUTER	RUBBER	EPDM
22	STEM	COPPER ALLOY	ASTM B584 C86700
*23	PIPE PLUG	STAINLESS STEEL	AISI 316 SS
24	ACTUATOR DRIVE BUSHING	STEEL	-----
25	O-RING	RUBBER	EPDM
27	SCRAPER	COPPER ALLOY	ASTM B148 C95400
28	TRACK	STAINLESS STEEL	AISI 316 SS
29	ROLLER	COPPER ALLOY	ASTM B148 C95400
30	PIN-ROLLERS	STAINLESS STEEL	AISI 18-8 SS
31	O-RING-COVER INNER	RUBBER	EPDM
**32	PIPE PLUGS	STAINLESS STEEL	AISI 316 SS

ACTUATOR RATIO (30" & 36" = 6:1) (42" - 54" = 8:1)

*COVER PIPE PLUG SIZE (30" & 36" = 3/4") (42" - 54" = 1")

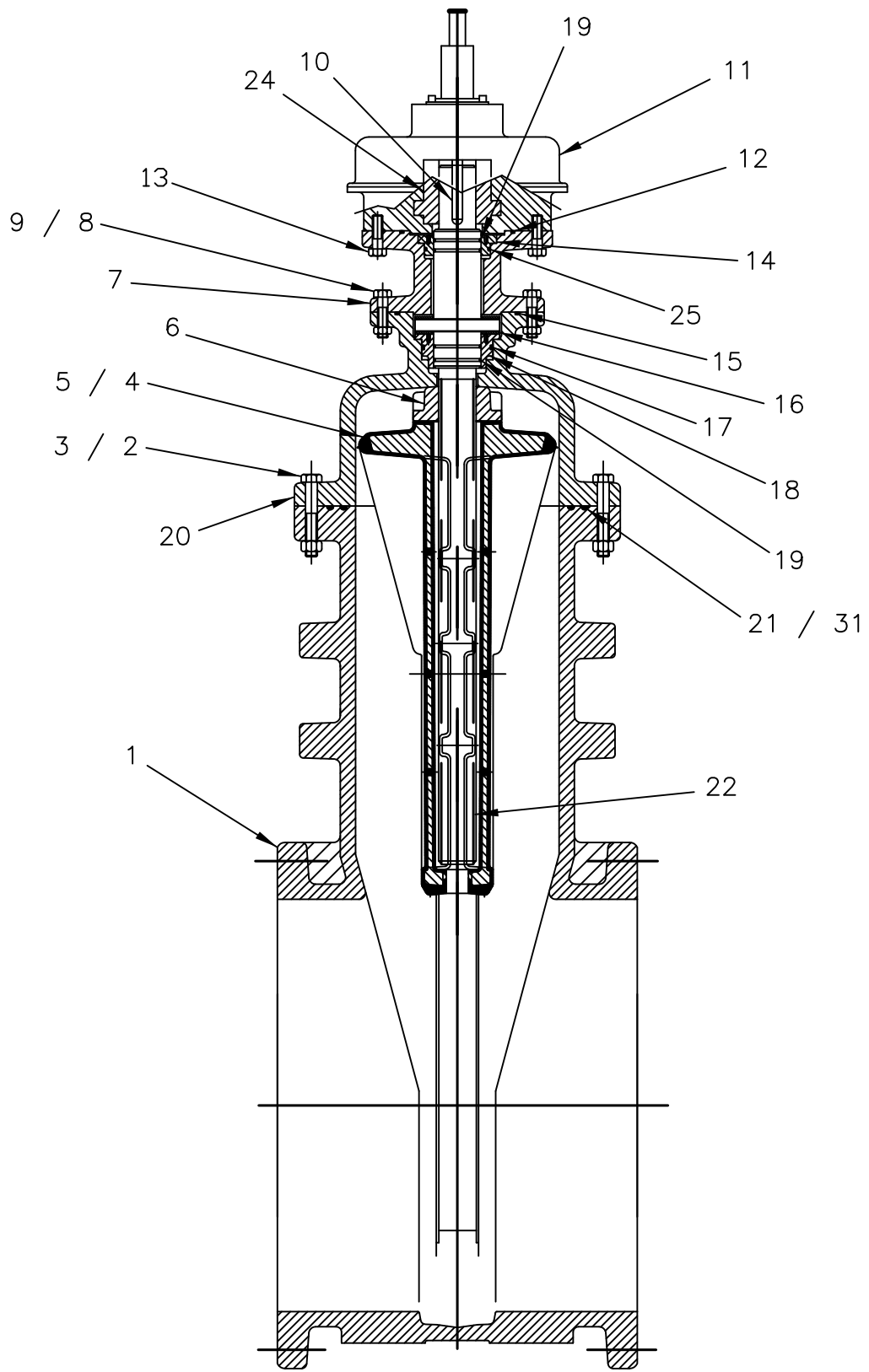
**BODY PIPE PLUG SIZE (30" & 36" = 1 1/4") (42" - 54" = 1 1/2")



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

DWN: CTJ
DATE: 7/24/19
DWG. NO.
LRW59

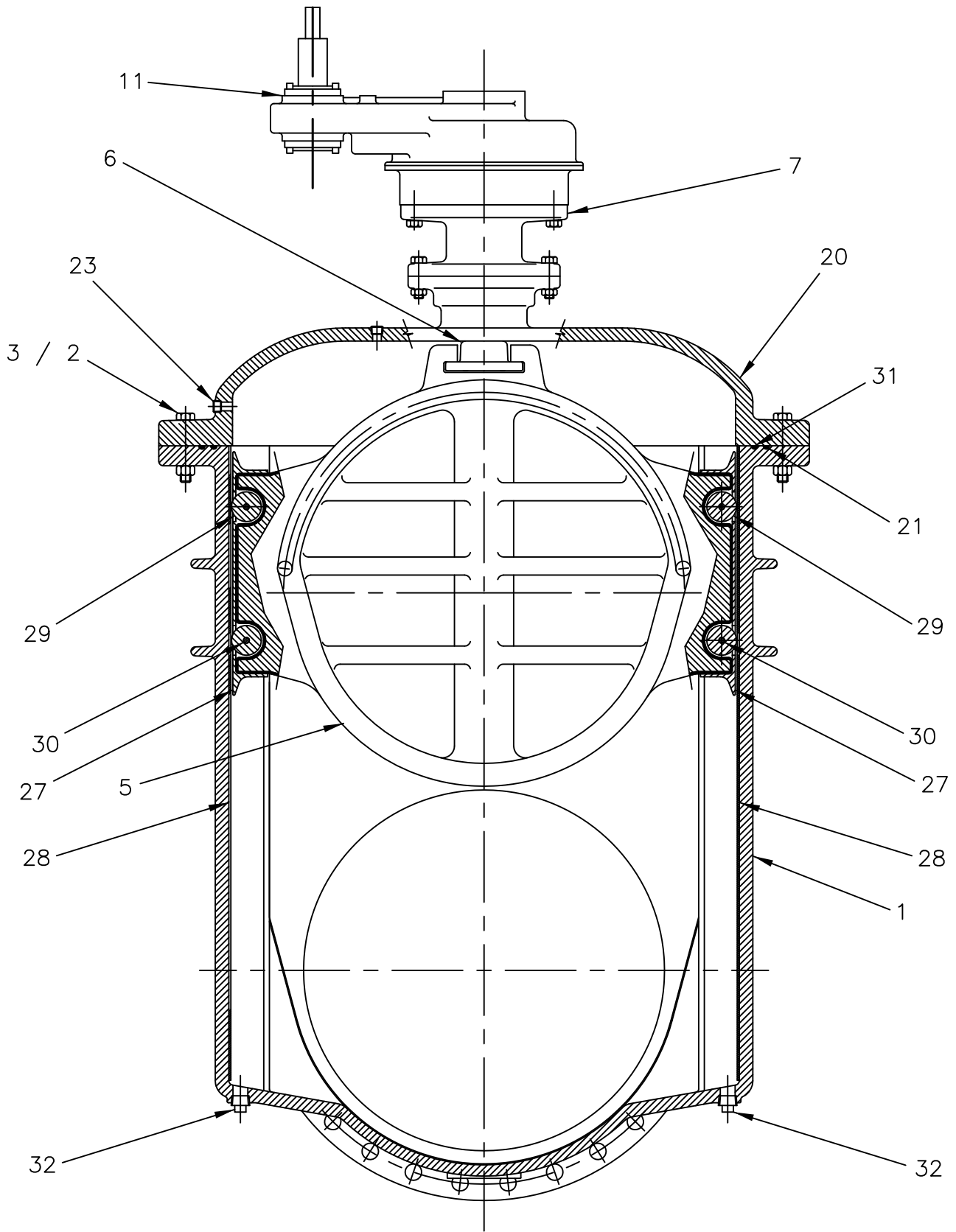
30" THRU 54"
RESILIENT SEAT GATE VALVE
C515-7000 SERIES
(WITH SPUR GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
MATERIAL LIST



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

DWN: TRIJ
DATE: 9/1/12
DWG. NO. LRW57

30" THRU 54"
RESILIENT SEAT GATE VALVE
C515-7000 SERIES
(WITH SPUR GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
ASSEMBLY DRAWING 1



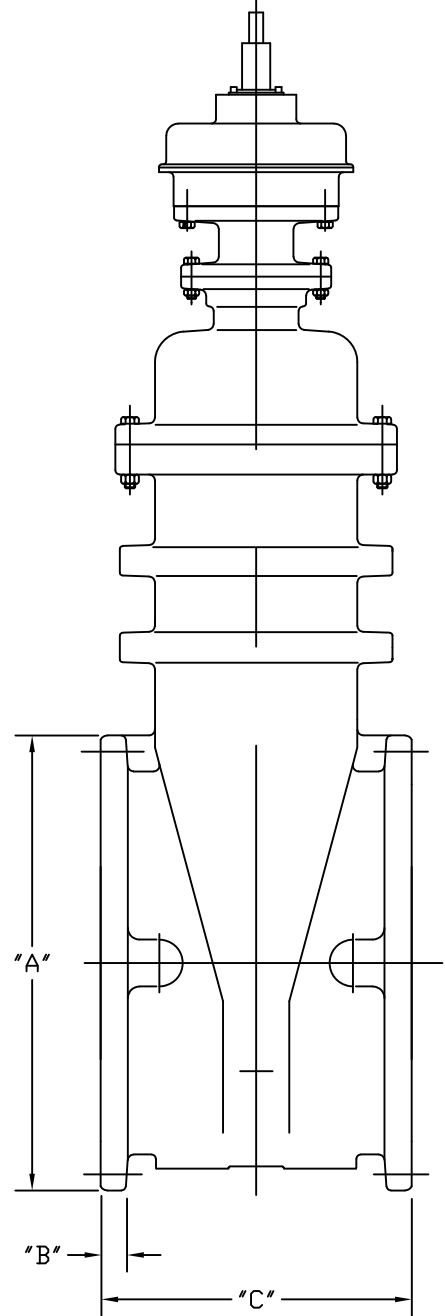
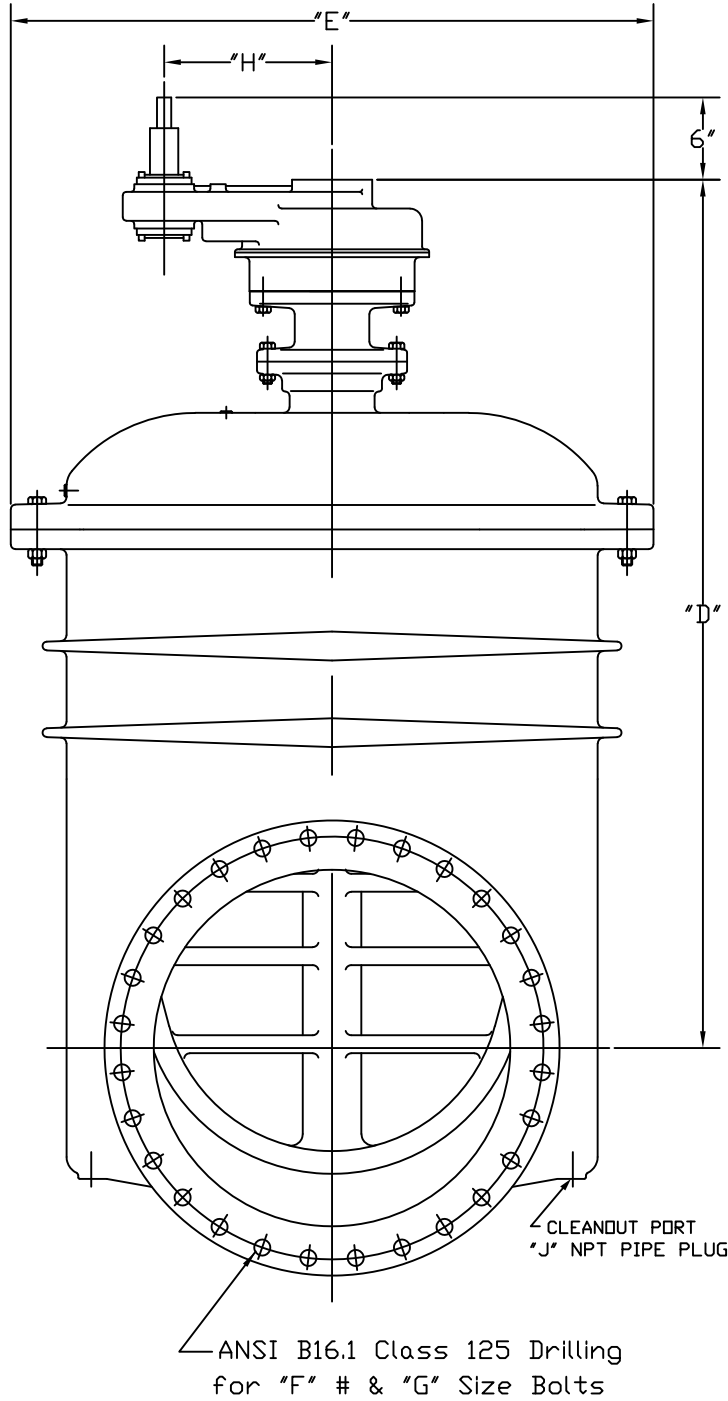
M&H VALVE COMPANY
ANNISTON, ALABAMA
A DIVISION OF MCWANE INC.

DWN: TRIJ
DATE: 9/1/12
DWG. NO.
LRW58

30" to 54"
RESILIENT SEAT GATE VALVE
C515-7000 SERIES
(WITH SPUR GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
ASSEMBLY DRAWING 2

2638-60
H 1/19

Complies with applicable requirements of AWWA C515

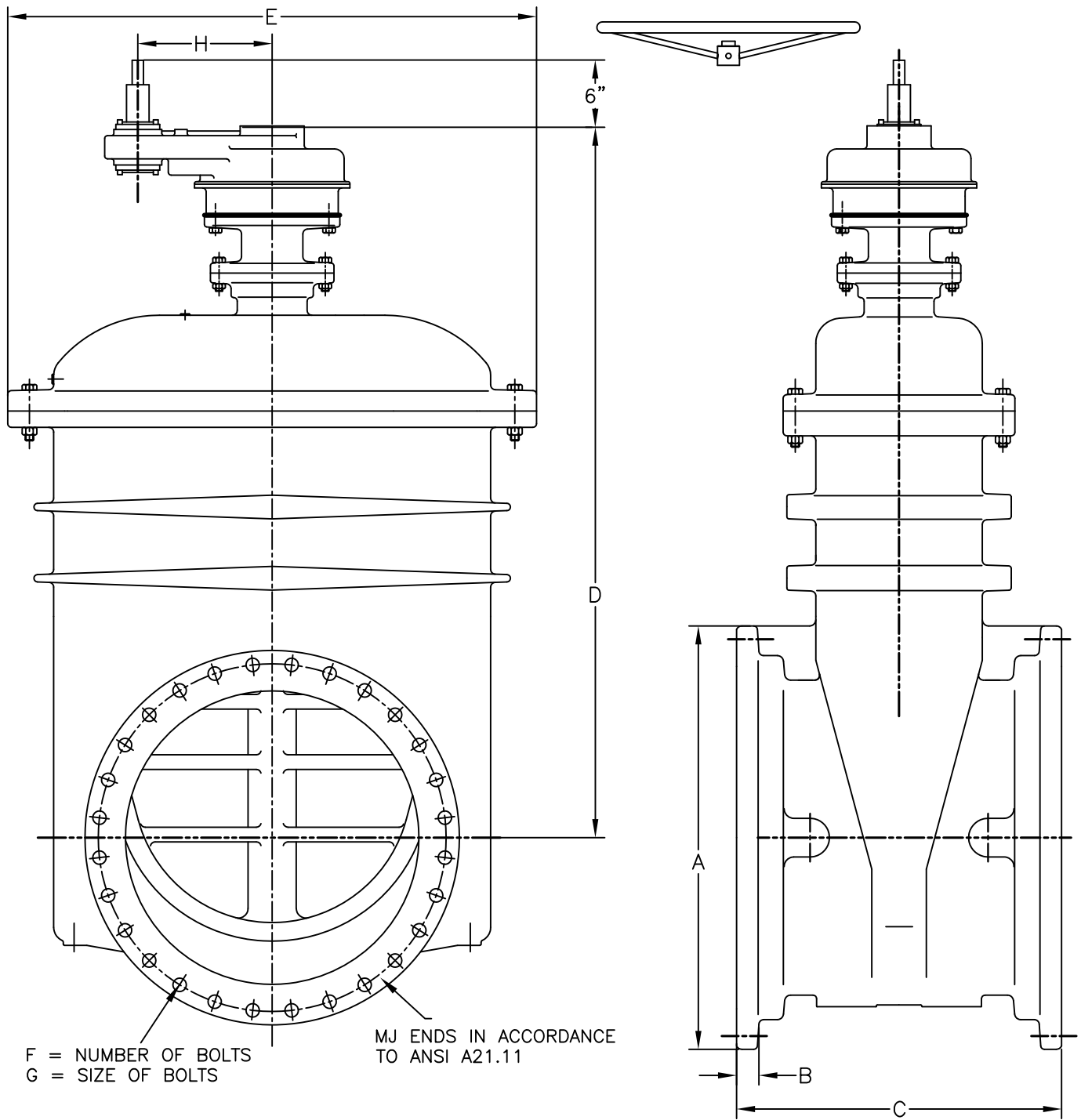


Valve Size	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"J"
30"	38-3/4	2-1/8	40	74-1/8	54-3/4	28	1-1/4	14	2
36"	46	2-3/8	30-3/4	83-11/16	58-7/8	32	1-1/2	14	1-1/4
42"	53	2-5/8	36	102-1/2	78	36	1-1/2	16	1-1/2
48"	59-1/2	2-3/4	35-1/2	105-1/2	78	44	1-1/2	16	1-1/2
54"	66-1/4	3	48	105-1/2	78	44	1-3/4	16	1-1/2

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

DWN: CTJ
DATE: 1/23/19
DWG. NO.
2638-60

30"-54" MODEL 2638 RW VALVE
FLANGED ENDS
W/ SPUR GEAR
GENERAL DIMENSIONS



F = NUMBER OF BOLTS
G = SIZE OF BOLTS

MJ ENDS IN ACCORDANCE
TO ANSI A21.11

VALVE SIZE	A	B	C	D	E	F	G	H	WEIGHT
30	39 1/2	1 11/16	35 1/2	74	54 3/4	20	1	14	5,400
36	46 1/2	2	38 3/4	83 11/16	58 7/8	24	1	14	7,200
42	54	2	39	102 1/2	78	28	1 1/4	16	15,200
48	60 3/4	2	42	105 1/2	78	32	1 1/4	16	15,500

URNS TO OPEN: (30"=587) (36"=705) (42"=1,056) (48"=1,200)

HANDWHEEL OPTIONAL: (30"&36"=24" DIAMETER) (42"&48"=28" DIAMETER)

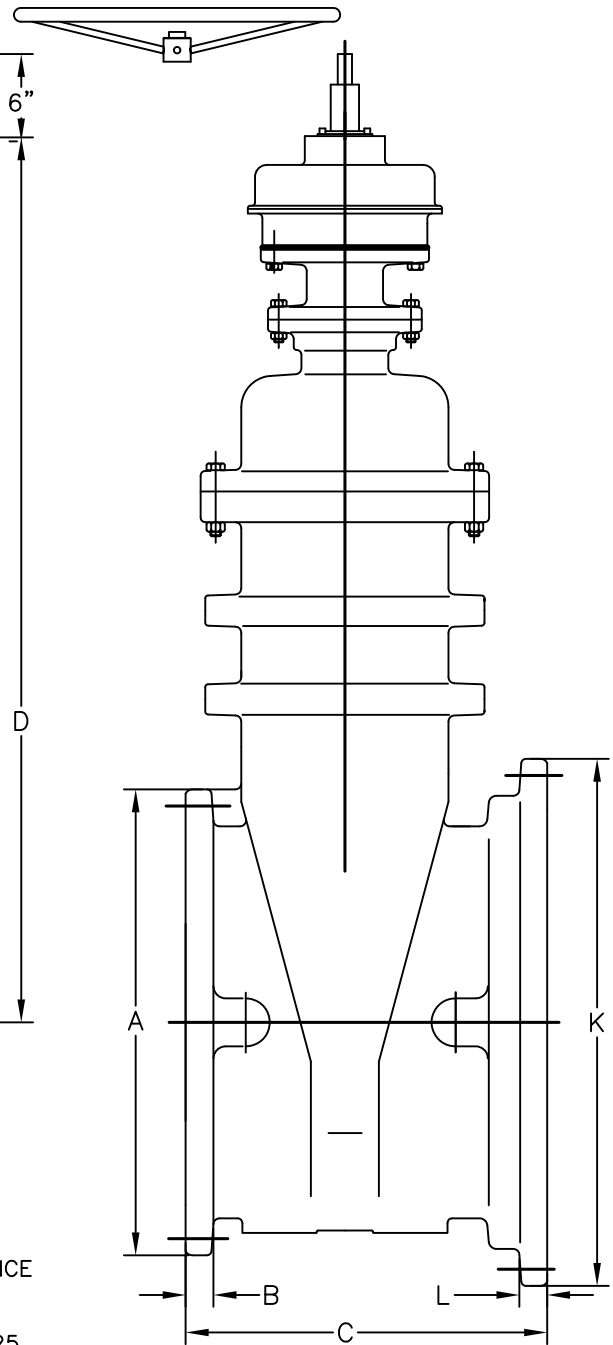
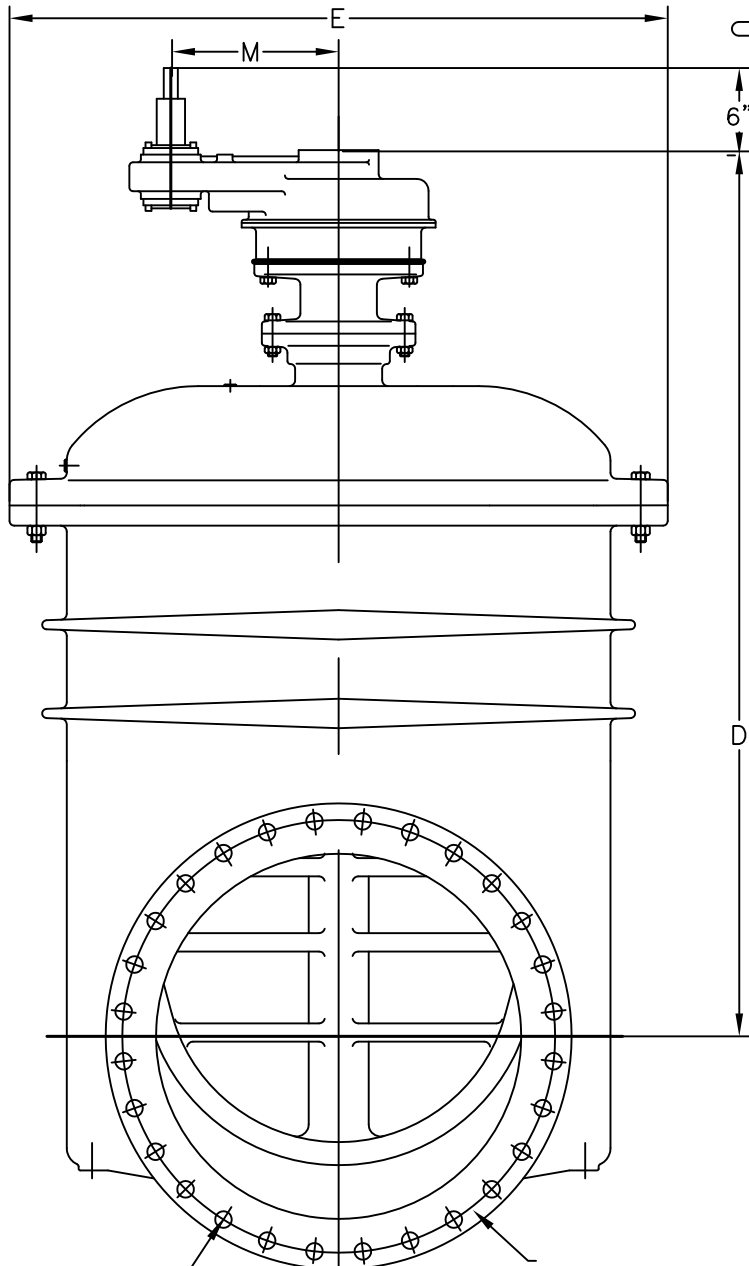
M&H VALVE COMPANY
ANNISTON, ALABAMA
A DIVISION OF MCWANE INC.

DWN: TRIJ

DATE: 9/1/12

DWG. NO.
LRW61

30" THRU 48"
RESILIENT SEAT GATE VALVE
C515-STYLE 7571
(WITH SPUR GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
MJ X MJ



F = NUMBER OF FLANGE BOLTS
 G = SIZE OF FLANGE BOLTS
 H = NUMBER OF MJ BOLTS
 J = SIZE OF MJ BOLTS
 MJ END IN ACCORDANCE TO ANSI A21.11
 FLANGE END PER ANSI B16.1 CLASS 125

VALVE SIZE	A	B	C	D	E	F	G	H	J	K	L	M	WEIGHT
30	38 3/4	2 1/8	31	74	54 3/4	28	1 1/4	20	1	39 1/2	1 11/16	14	5,400
36	46	2 3/8	34 3/4	83 11/16	58 7/8	32	1 1/2	24	1	46 1/2	2	14	7,200
42	53	2 5/8	37 1/2	102 1/2	78	36	1 1/2	28	1 1/4	54	2	16	15,200
48	59 1/2	2 3/4	39	105 1/2	78	44	1 1/2	32	1 1/4	60 3/4	2	16	15,500

TURNS TO OPEN: (30"=587) (36"=705) (42"=1,056) (48"=1,200)
 HANDWHEEL OPTIONAL: (30"&36"=24" DIAMETER) (42"&48"=28" DIAMETER)
 NOTE: VALVE WILL ACCEPT A FULL SIZE TAPPING CUTTER

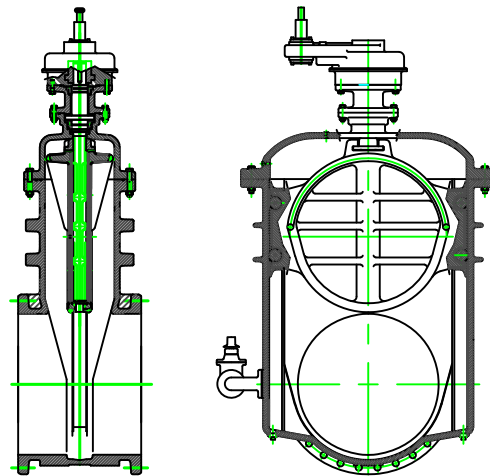
M&H VALVE COMPANY
 ANNISTON, ALABAMA
 A DIVISION OF MCWANE INC.

DWN: TRIJ
 DATE: 9/1/12
 DWG. NO.
 LRW62

30" to 48"
 RESILIENT SEAT GATE VALVE
 C515-STYLE 7571
 (WITH SPUR GEAR)
 (WITH ROLLERS, TRACKS, SCRAPPERS)
 FLANGED X MJ

ITEM	DESCRIPTION	MATERIAL	ASTM SPEC.
1	BODY	DUCTILE IRON	ASTM A536 64-45-12
2	BOLT	STAINLESS STEEL	AISI 18-8 SS
3	NUT	STAINLESS STEEL	AISI 18-8 SS
4	WEDGE CASTING	DUCTILE IRON	ASTM A536 64-45-12
5	MOLDED RUBBER ON WEDGE	RUBBER	EPDM
6	STEM NUT	COPPER ALLOY	ASTM B763 C87610
7	EXTENSION-ACTUATOR	DUCTILE IRON	ASTM A536 64-45-12
8	BOLT	STAINLESS STEEL	AISI 18-8 SS
9	NUT	STAINLESS STEEL	AISI 18-8 SS
10	KEY	STEEL	-----
11	SPUR GEAR ACTUATOR	(PURCHASED PART)	-----
12	O-RING	RUBBER	EPDM
13	BOLT	STAINLESS STEEL	AISI 18-8 SS
14	BUSHING-STEM GUIDE	COPPER ALLOY	ASTM B584 C83600
15	O-RING	RUBBER	EPDM
16	THRUST BEARING	NYLATRON	-----
17	O-RING	RUBBER	EPDM
18	COVER BUSHING	COPPER ALLOY	ASTM B584 C83600
19	O-RING	RUBBER	EPDM
20	COVER	DUCTILE IRON	ASTM A536 65-45-12
21	O-RING-COVER OUTER	RUBBER	EPDM
22	STEM	COPPER ALLOY	ASTM B584 C86700
**23	PIPE PLUG	STAINLESS STEEL	AISI 316 SS
24	ACTUATOR DRIVE BUSHING	STEEL	-----
25	O-RING	RUBBER	EPDM
27	SCRAPER	COPPER ALLOY	ASTM B148 C95400
28	TRACK	STAINLESS STEEL	AISI 316 SS
29	ROLLER	COPPER ALLOY	ASTM B148 C95400
30	PIN-ROLLERS	STAINLESS STEEL	AISI 18-8 SS
31	O-RING-COVER INNER	RUBBER	EPDM
***32	BYPASS VALVE	DUCTILE IRON	PER AWWA C515
33	BYPASS ELBOWS	DUCTILE IRON	ASTM A536 65-45-12
**34	PIPE PLUGS	STAINLESS STEEL	AISI 316 SS

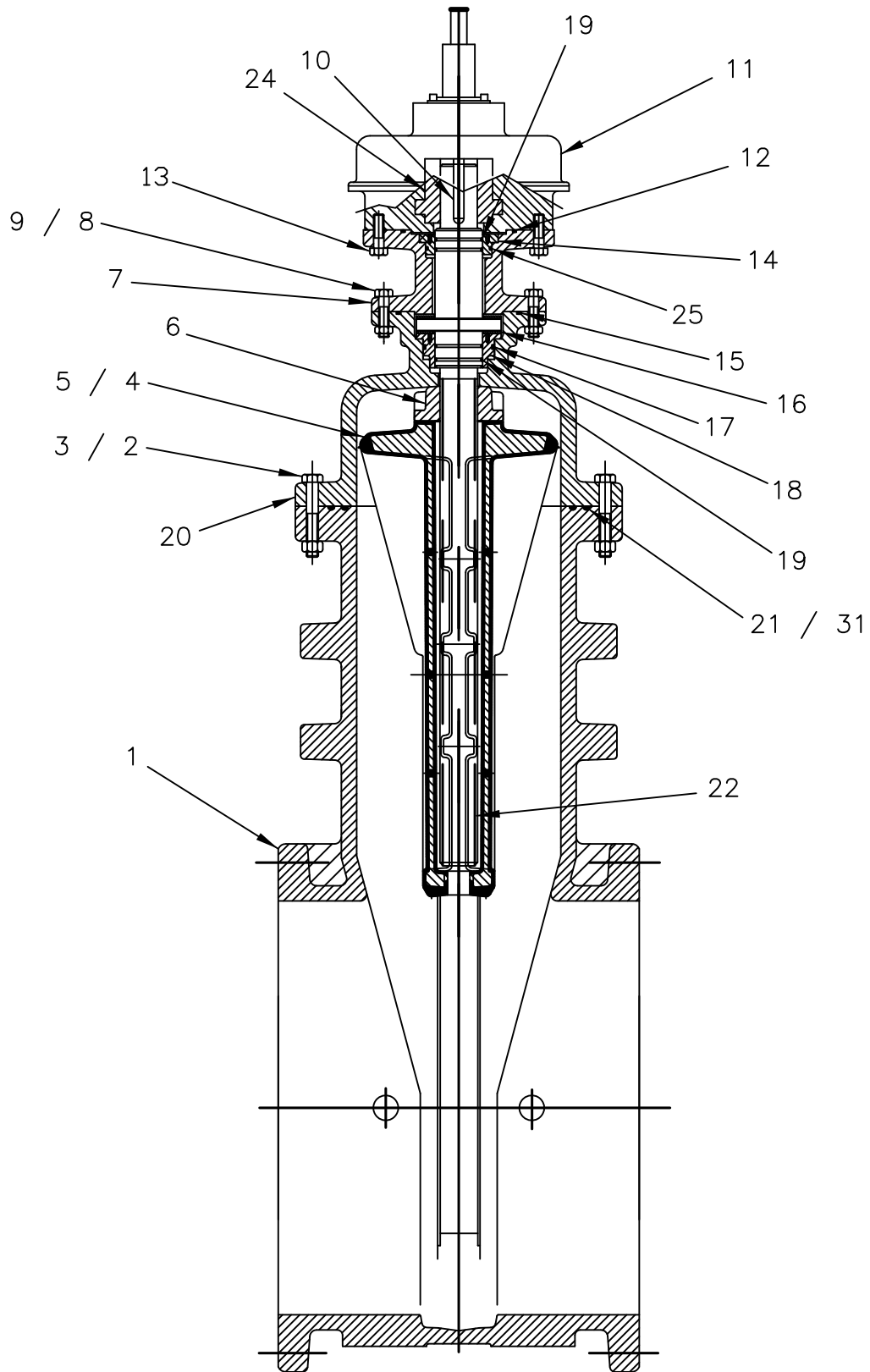
ACTUATOR RATIO (30" & 36" = 6:1) (42" - 54" = 8:1)
 *COVER PIPE PLUG SIZE (30" & 36" = 3/4") (42" - 54" = 1")
 **BODY PIPE PLUG SIZE (30" & 36" = 1 1/4") (42" - 54" = 1 1/2")
 ***BY-PASS VALVE SIZE (30" & 36" = 2") (42" - 54" = 4")



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

DWN: TRIJ
 DATE: 9/1/12
 DWG. NO.
 LRW59BPV

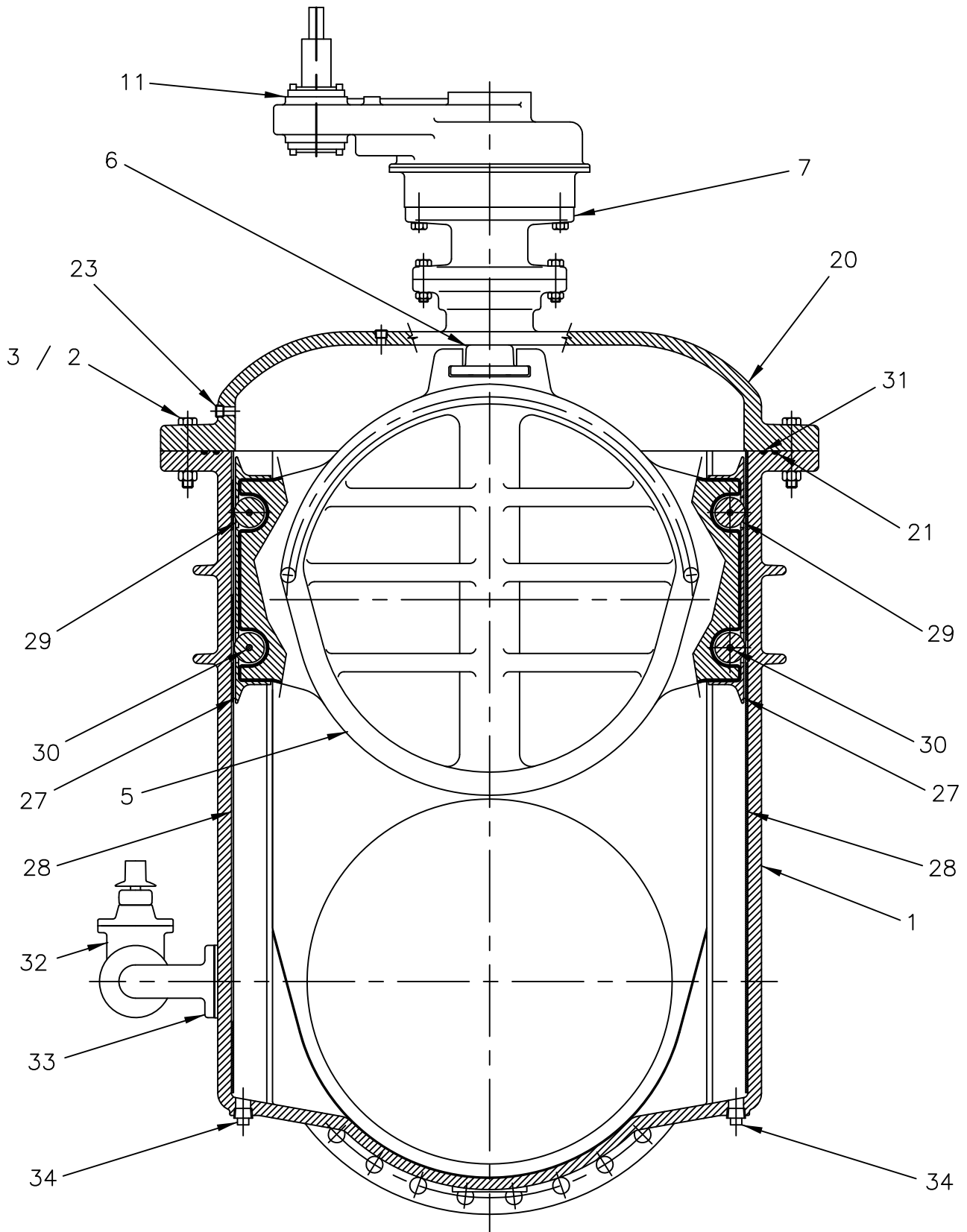
30" THRU 54"
 RESILIENT SEAT GATE VALVE
 C515-7000 SERIES
 (WITH SPUR GEAR)(WITH BY-PASS)
 (WITH ROLLERS, TRACKS, SCRAPPERS)
 MATERIAL LIST



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

DWN: TRIJ
DATE: 9/1/12
DWG. NO.
LRW57BPV

30" THRU 54"
RESILIENT SEAT GATE VALVE
C515-7000 SERIES
(WITH SPUR GEAR)(WITH BY-PASS)
(WITH ROLLERS, TRACKS, SCRAPPERS)
ASSEMBLY DRAWING 1



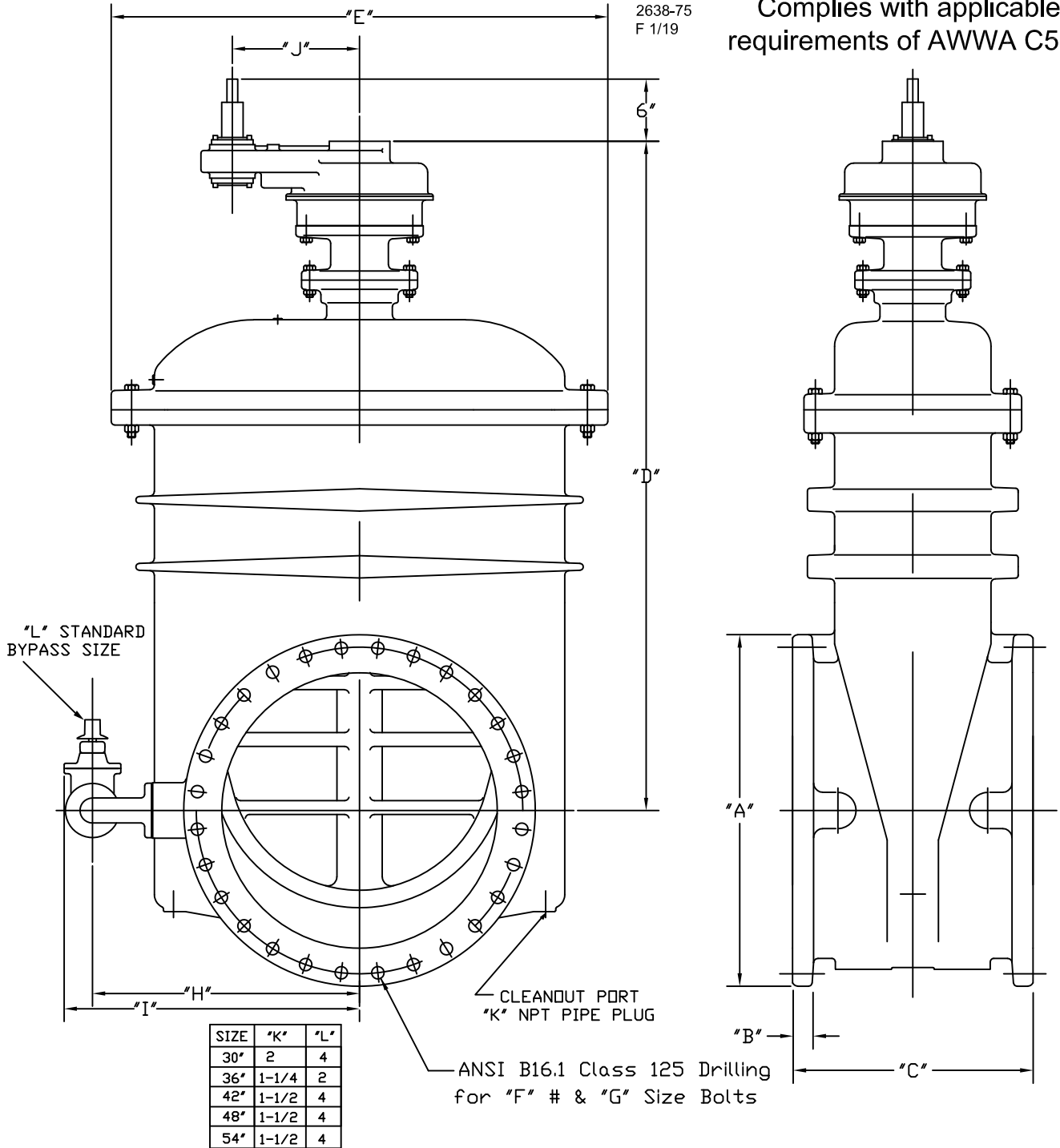
M&H VALVE COMPANY
ANNISTON, ALABAMA
A DIVISION OF MCWANE INC.

DWN: TRIJ
DATE: 9/1/12
DWG. NO. LRW58BPV

30" THRU 54"
RESILIENT SEAT GATE VALVE
C515-7000 SERIES
(WITH SPUR GEAR)(WITH BY-PASS)
(WITH ROLLERS, TRACKS, SCRAPPERS)
ASSEMBLY DRAWING 2

2638-75
F 1/19

Complies with applicable requirements of AWWA C515



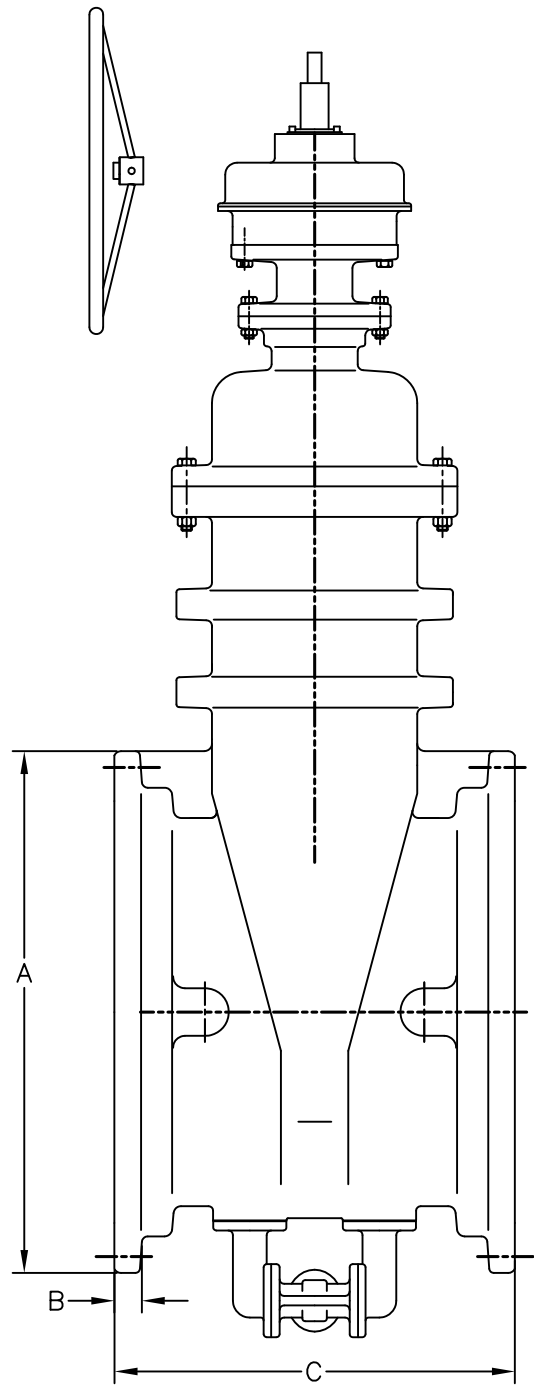
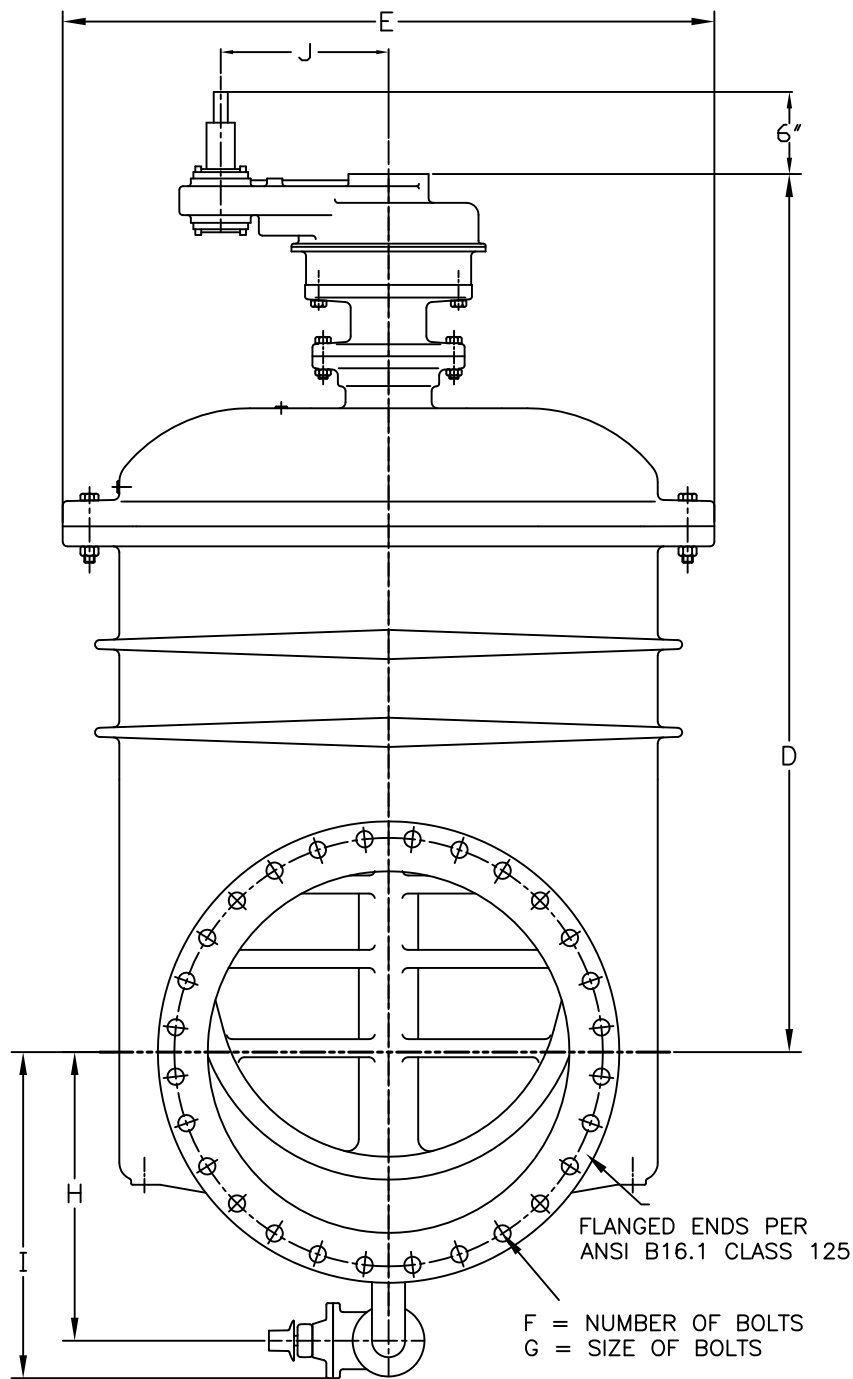
SIZE	"K"	"L"
30"	2	4
36"	1-1/4	2
42"	1-1/2	4
48"	1-1/2	4
54"	1-1/2	4

Valve Size	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"	"J"
30"	38-3/4	2-1/8	40	74-1/8	54-3/4	28	1-1/4	29-1/2	34	14
36"	46	2-3/8	30-3/4	83-11/16	58-7/8	32	1-1/2	32-7/8	35-7/8	14
42"	53	2-5/8	36	102-1/2	78	36	1-1/2	42-9/16	47-1/16	16
48"	59-1/2	2-3/4	35-1/2	105-1/2	78	44	1-1/2	42-9/16	47-1/16	16
54"	66-1/4	3	48	105-1/2	78	44	1-3/4	42-9/16	47-1/16	16

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

DWN: CTJ
DATE: 1/23/19
DWG. NO.
2638-75

30"-54" MODEL 2638 RW VALVE
FLANGED ENDS
W/ SPUR GEAR & BYPASS
GENERAL DIMENSIONS



VALVE SIZE	A	B	C	D	E	F	G	H	I	J	WEIGHT
30	39 1/2	1 11/16	35 1/2	74	54 3/4	20	1	24	27	14	5,400
36	46 1/2	2	38 3/4	83 11/16	58 7/8	24	1	27 1/4	30 1/4	14	7,200
42	54	2	39	102 1/2	78	28	1 1/4	30 15/16	35 7/16	16	15,200
48	60 3/4	2	42	105 1/2	78	32	1 1/4	33 15/16	38 7/16	16	15,500

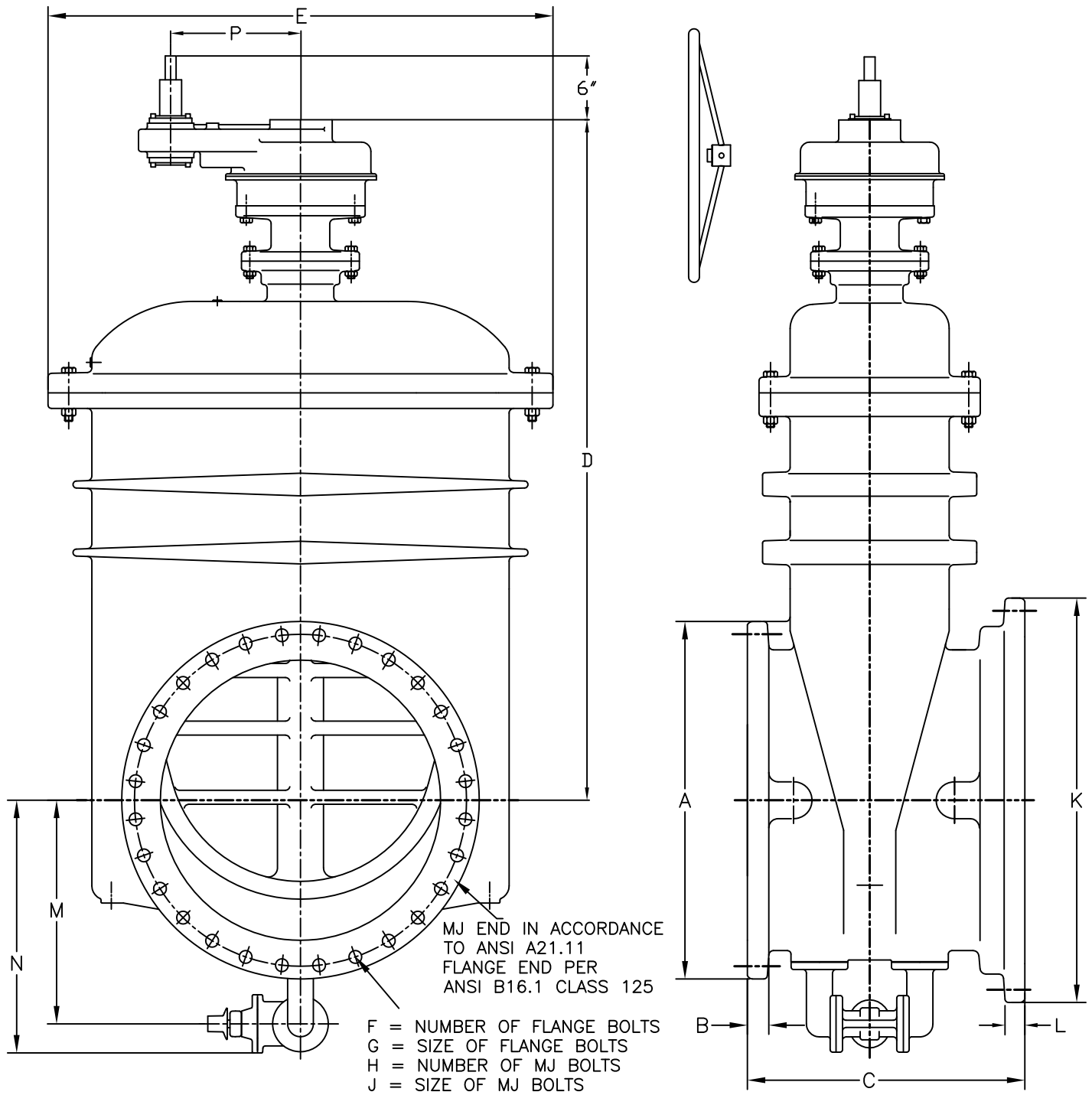
TURNS TO OPEN: (30"=587) (36"=705) (42"=1,056) (48"=1,200)

HANDWHEEL OPTIONAL: (30"&36"=24" DIAMETER) (42"&48"=28" DIAMETER)

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

DWN: TRIJ
DATE: 9/1/12
DWG. NO.
LRW61BPV

30" THRU 48"
RESILIENT SEAT GATE VALVE
C515-STYLE 7571
(WITH SPUR GEAR)(WITH BY-PASS)
(WITH ROLLERS, TRACKS, SCRAPPERS)
MJ X MJ



VALVE SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	WEIGHT
30	38 3/4	2 1/8	31	74	54 3/4	28	1 1/4	20	1	39 1/2	1 11/16	24	27	14	5,400
36	46	2 3/8	34 3/4	83 11/16	58 7/8	32	1 1/2	24	1	46 1/2	2	27 1/4	30 1/4	14	7,200
42	53	2 5/8	37 1/2	102 1/2	78	36	1 1/2	28	1 1/4	54	2	30 15/16	35 7/16	16	15,200
48	59 1/2	2 3/4	39	105 1/2	78	44	1 1/2	32	1 1/4	60 3/4	2	33 15/16	38 7/16	16	15,500

TURNS TO OPEN: (30"=587) (36"=705) (42"=1,056) (48"=1,200)
 HANDWHEEL OPTIONAL: (30"&36"=24" DIAMETER) (42"&48"=28" DIAMETER)

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

DWN: TRIJ
 DATE: 9/1/12
 DWG. NO.
 LRW62BPV

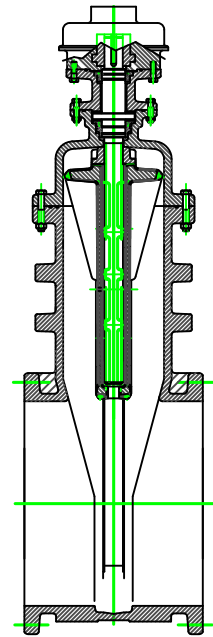
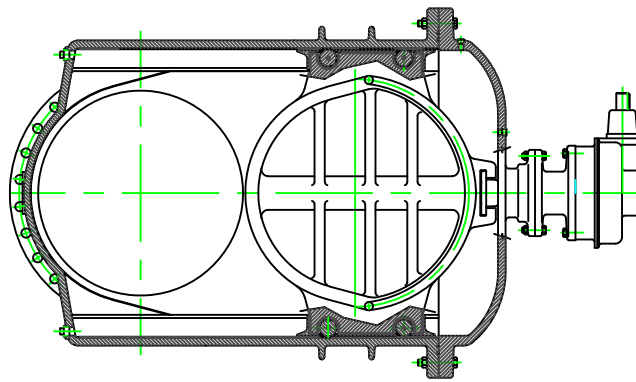
30" THRU 48"
 RESILIENT SEAT GATE VALVE
 C515-STYLE 7572
 (WITH SPUR GEAR)(WITH BY-PASS)
 (WITH ROLLERS, TRACKS, SCRAPPERS)
 FLANGE X MJ

ITEM	DESCRIPTION	MATERIAL	ASTM SPEC.
1	BODY	DUCTILE IRON	ASTM A536 64-45-12
2	BOLT	STAINLESS STEEL	AISI 18-8 SS
3	NUT	STAINLESS STEEL	AISI 18-8 SS
4	WEDGE CASTING	DUCTILE IRON	ASTM A536 64-45-12
5	MOLDED RUBBER ON WEDGE	RUBBER	EPDM
6	STEM NUT	COPPER ALLOY	ASTM B763 C87610
7	EXTENSION-ACTUATOR	DUCTILE IRON	ASTM A536 64-45-12
8	BOLT	STAINLESS STEEL	AISI 18-8 SS
9	NUT	STAINLESS STEEL	AISI 18-8 SS
10	KEY	STEEL	-----
11	BEVEL GEAR ACTUATOR	(PURCHASED PART)	-----
12	O-RING	RUBBER	EPDM
13	BOLT	STAINLESS STEEL	AISI 18-8 SS
14	BUSHING-STEM GUIDE	COPPER ALLOY	ASTM B584 C83600
15	O-RING	RUBBER	EPDM
16	THRUST BEARING	NYLATRON	-----
17	O-RING	RUBBER	EPDM
18	COVER BUSHING	COPPER ALLOY	ASTM B584 C83600
19	O-RING	RUBBER	EPDM
20	COVER	DUCTILE IRON	ASTM A536 65-45-12
21	O-RING-COVER OUTER	RUBBER	EPDM
22	STEM	COPPER ALLOY	ASTM B584 C86700
*23	PIPE PLUG	STAINLESS STEEL	AISI 316 SS
24	ACTUATOR DRIVE BUSHING	STEEL	-----
25	O-RING	RUBBER	EPDM
27	SCRAPER	COPPER ALLOY	ASTM B148 C95400
28	TRACK	STAINLESS STEEL	AISI 316 SS
29	ROLLER	COPPER ALLOY	ASTM B148 C95400
30	PIN-ROLLERS	STAINLESS STEEL	AISI 304 SS
31	O-RING-COVER INNER	RUBBER	EPDM
**32	PIPE PLUGS	STAINLESS STEEL	AISI 316 SS

ACTUATOR RATIO (30" & 36" = 6:1) (42"-54" = 8:1)

*COVER PIPE PLUG SIZE (30" & 36" = 3/4") (42"-54" = 1")

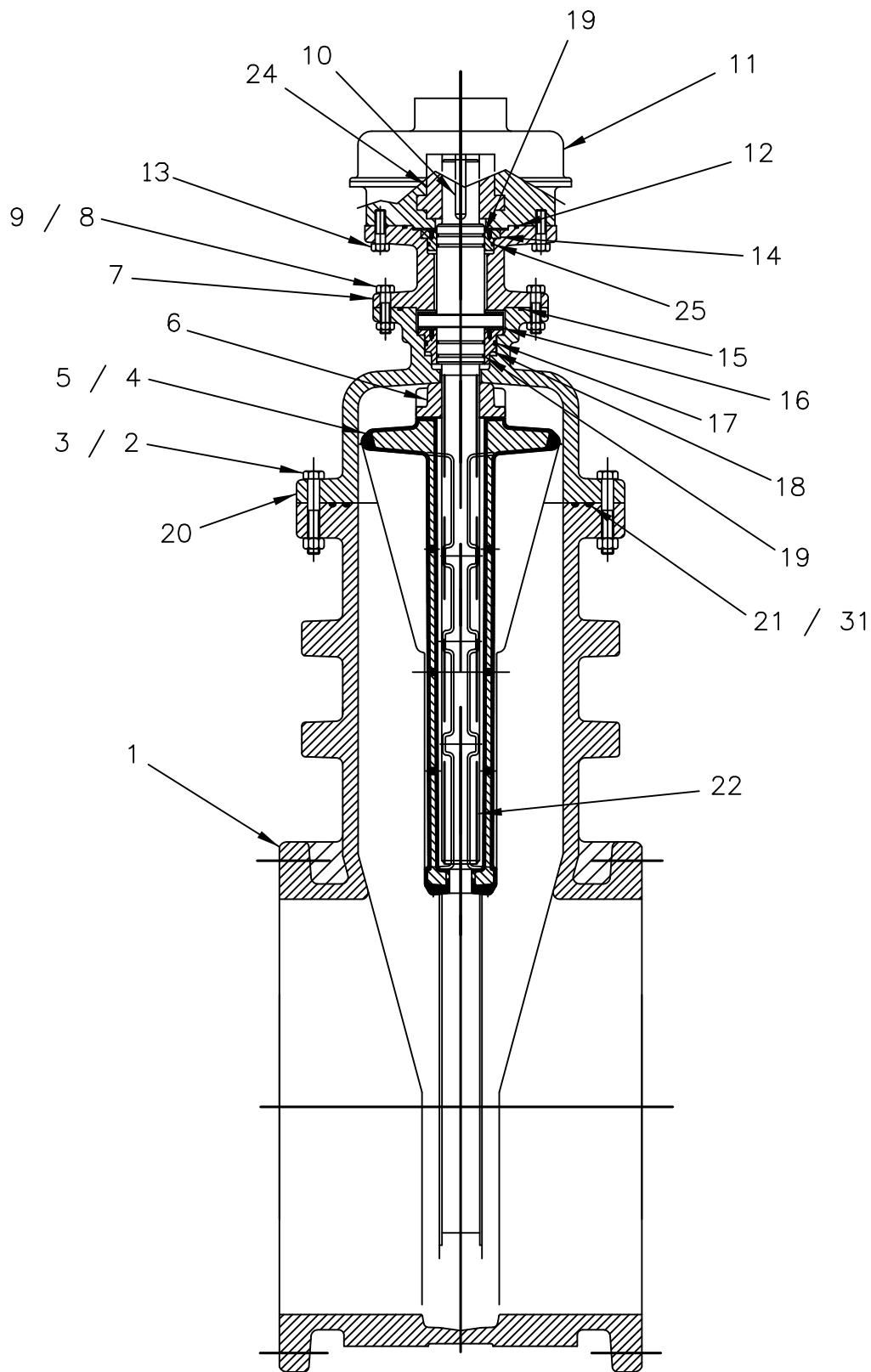
**BODY PIPE PLUG SIZE (30" & 36" = 1 1/4") (42"-54" = 1 1/2")



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

DWN: CTJ
DATE: 7/24/19
DWG. NO.
LRW52

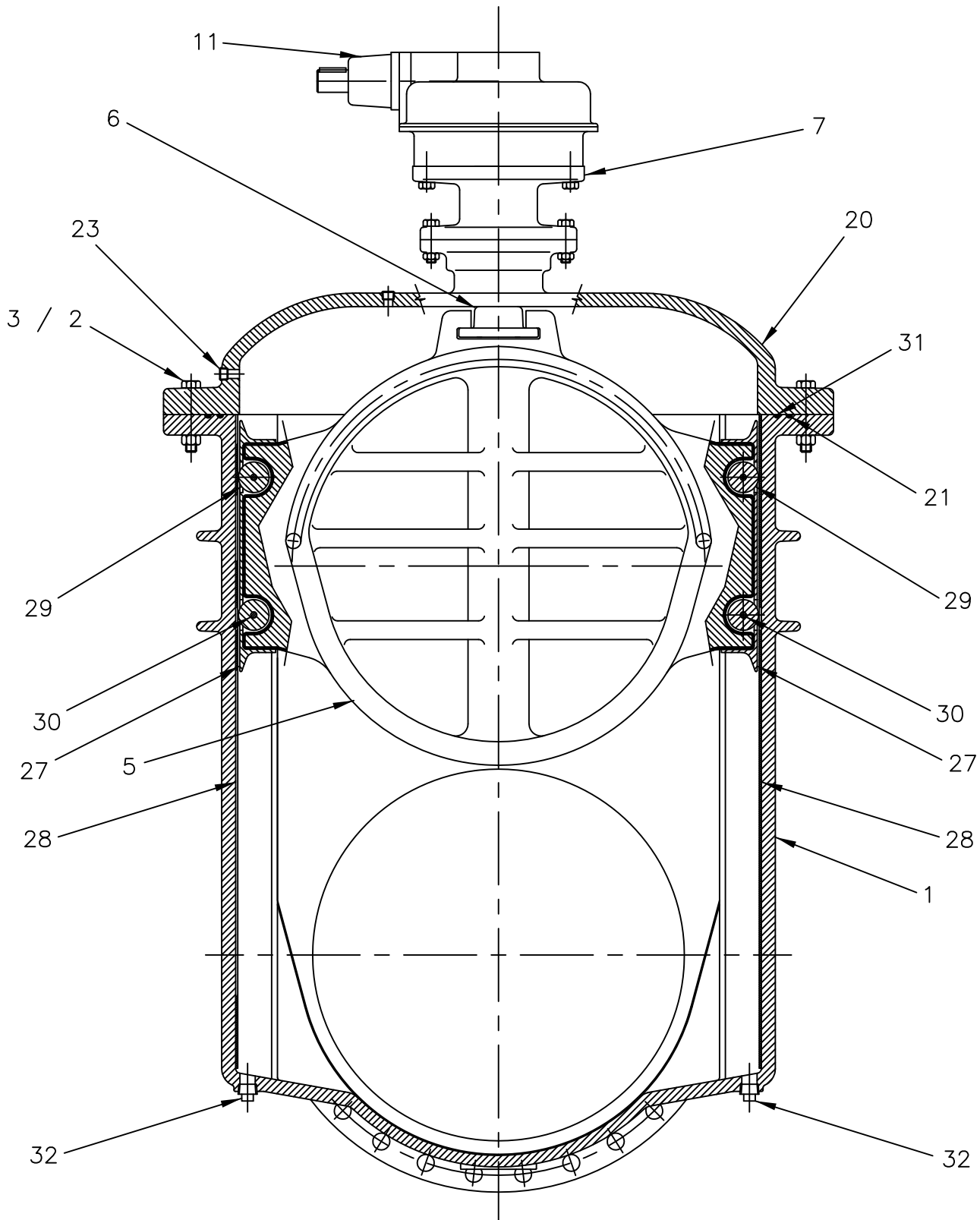
30" THRU 54"
RESILIENT SEAT GATE VALVE
C515-SERIES 7000
(WITH BEVEL GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
MATERIAL LIST



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

DWN: TRIJ
DATE: 9/1/12
DWG. NO. LRW50

30" THRU 54"
RESILIENT SEAT GATE VALVE
C515-7000 SERIES
(WITH BEVEL GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
ASSEMBLY DRAWING 1



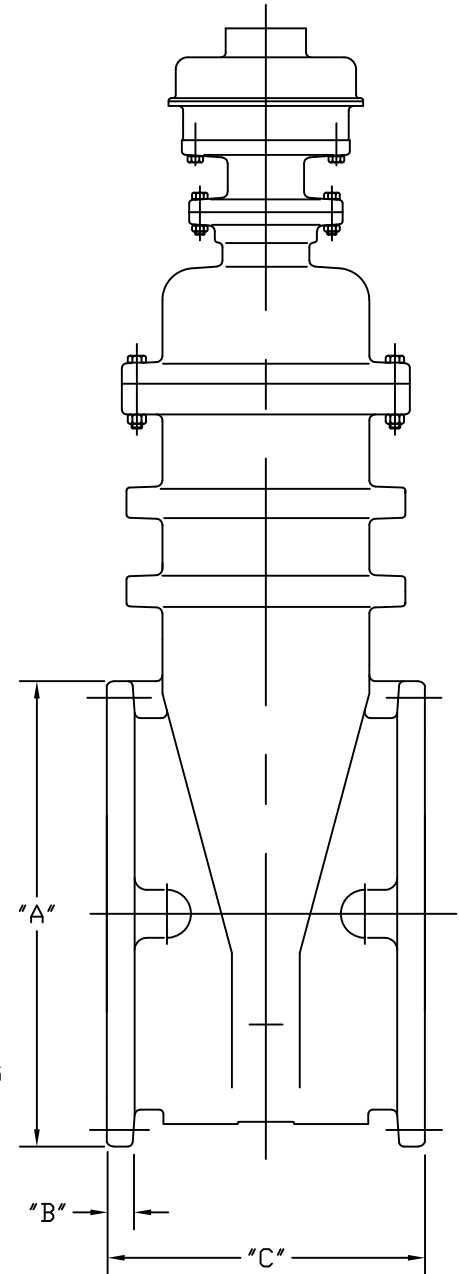
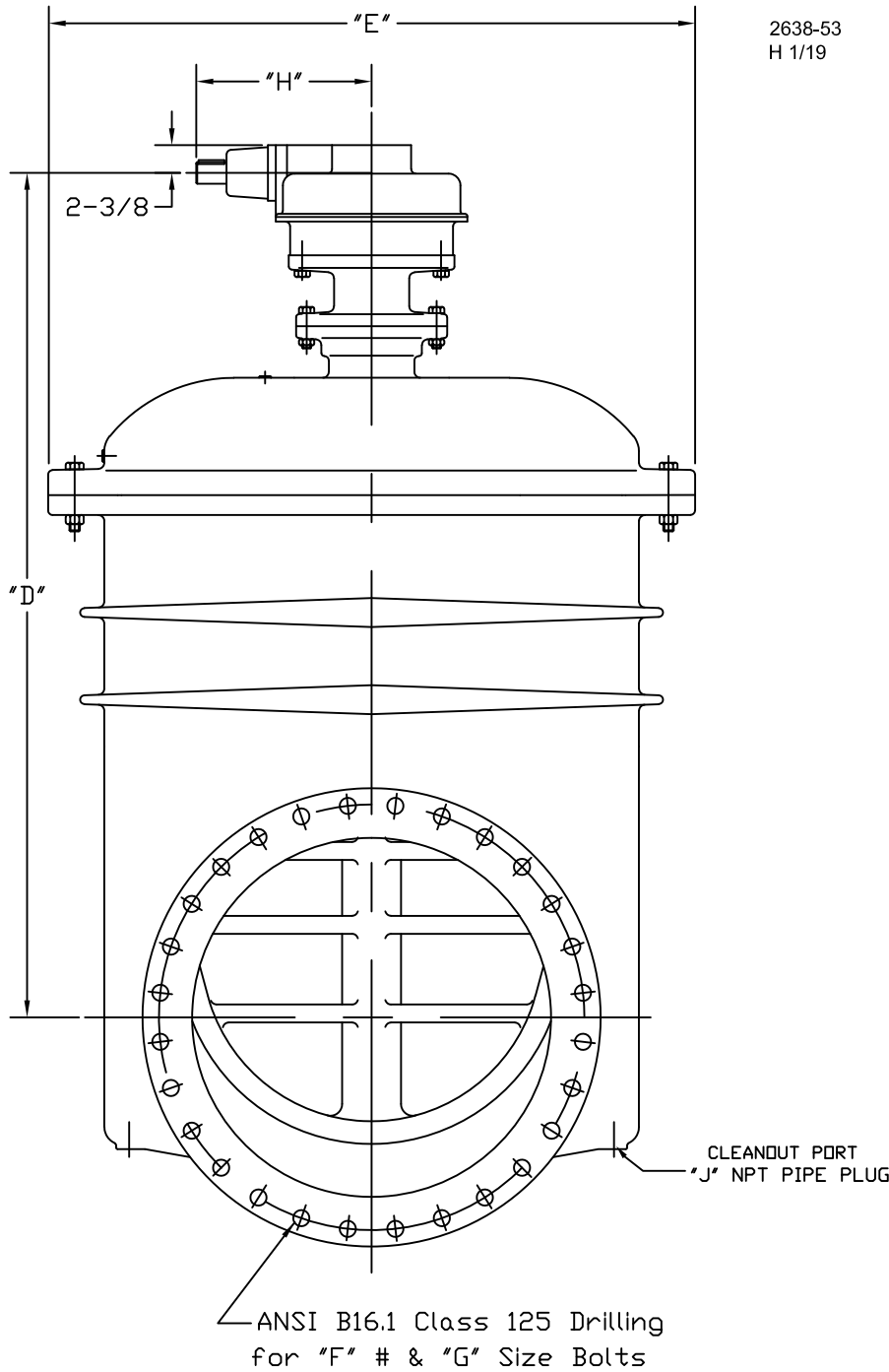
M&H VALVE COMPANY
ANNISTON, ALABAMA
A DIVISION OF MCWANE INC.

DWN: TRIJ
DATE: 9/1/12
DWG. NO. LRW51

30" THRU 54"
RESILIENT SEAT GATE VALVE
C515-7000 SERIES
(WITH BEVEL GEAR)
(WITH ROLLERS, TRACKS, SCRAPPERS)
ASSEMBLY DRAWING 2

2638-53
H 1/19

Complies with applicable requirements of AWWA C515

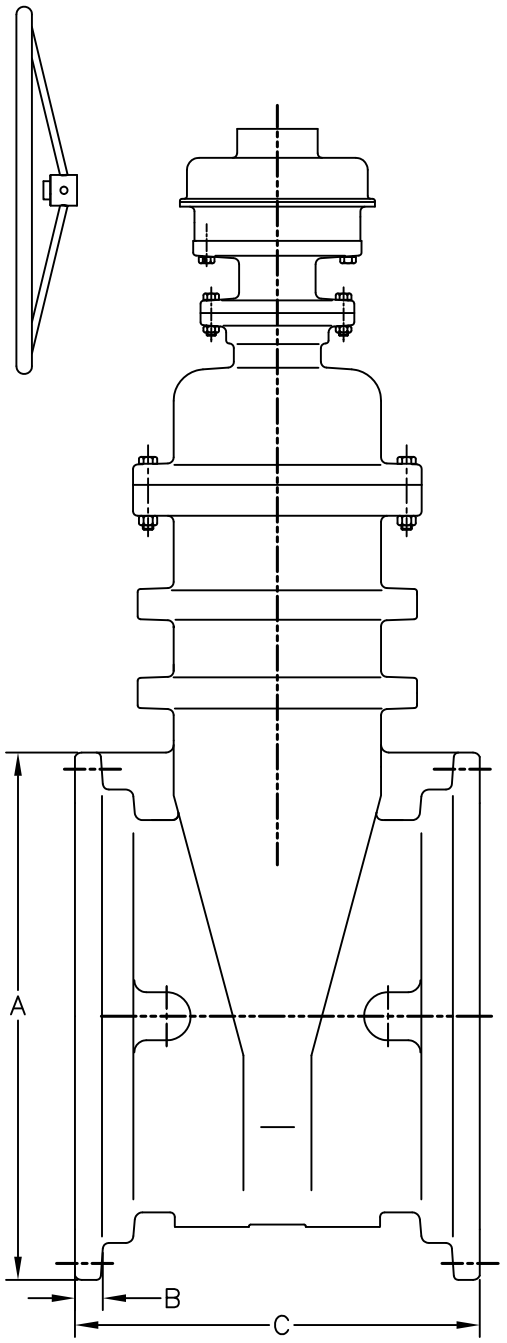
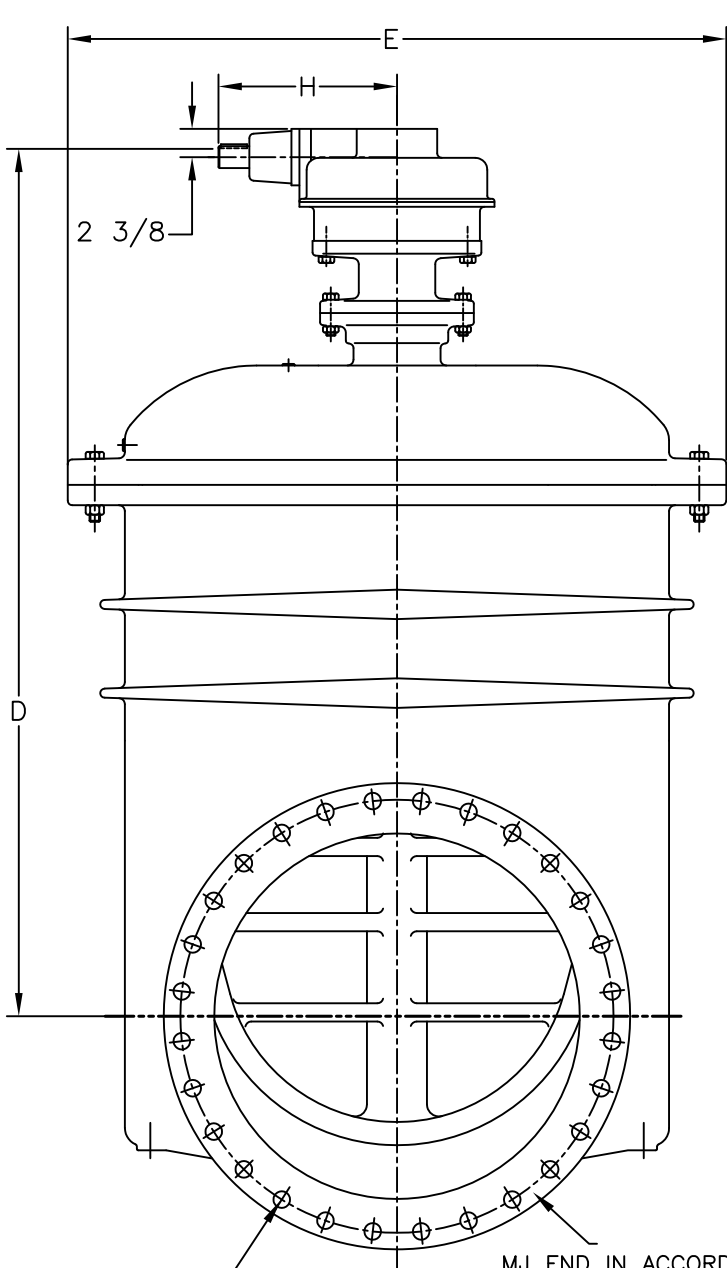


Valve Size	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"J"
30"	38-3/4	2-1/8	40	71-1/2	54-3/4	28	1-1/4	14-7/8	2
36"	46	2-3/8	30-3/4	81-1/16	58-7/8	32	1-1/2	14-7/8	1-1/4
42"	53	2-5/8	36	98-3/8	78	36	1-1/2	17	1-1/2
48"	59-1/2	2-3/4	35-1/2	101-3/8	78	44	1-1/2	17	1-1/2
54"	66-1/4	3	48	101-3/8	78	44	1-3/4	17	1-1/2

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

DWN: CTJ
DATE: 1/23/19
DWG. NO.
2638-53

30"-54" MODEL 2638 RW VALVE
FLANGED ENDS
W/ BEVEL GEAR
GENERAL DIMENSIONS



F = NUMBER OF BOLTS
 G = SIZE OF BOLTS
 MJ END IN ACCORDANCE TO ANSI A21.11

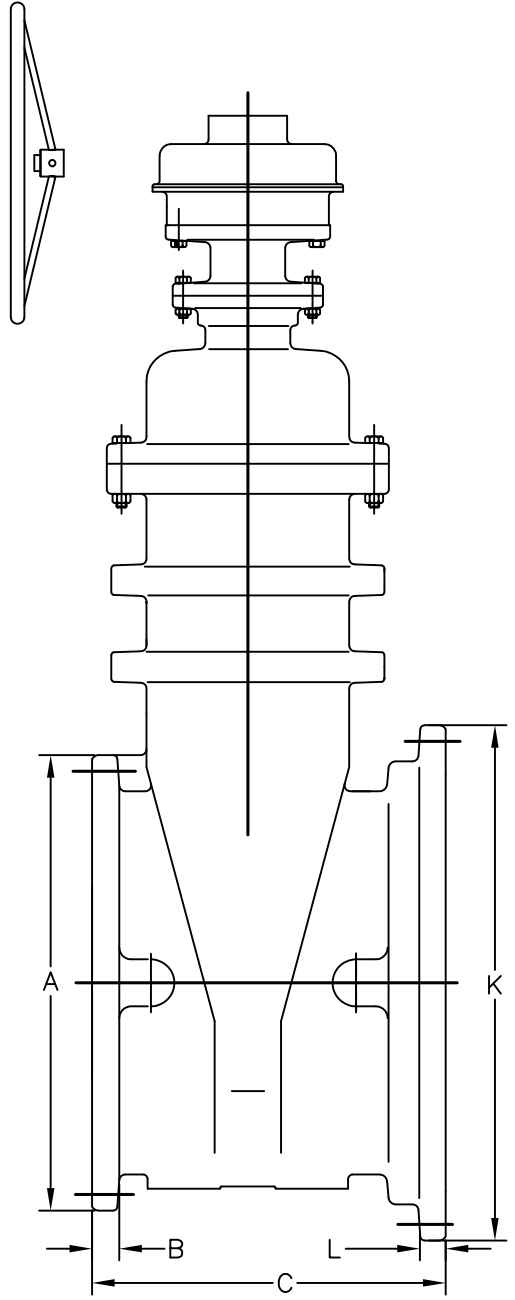
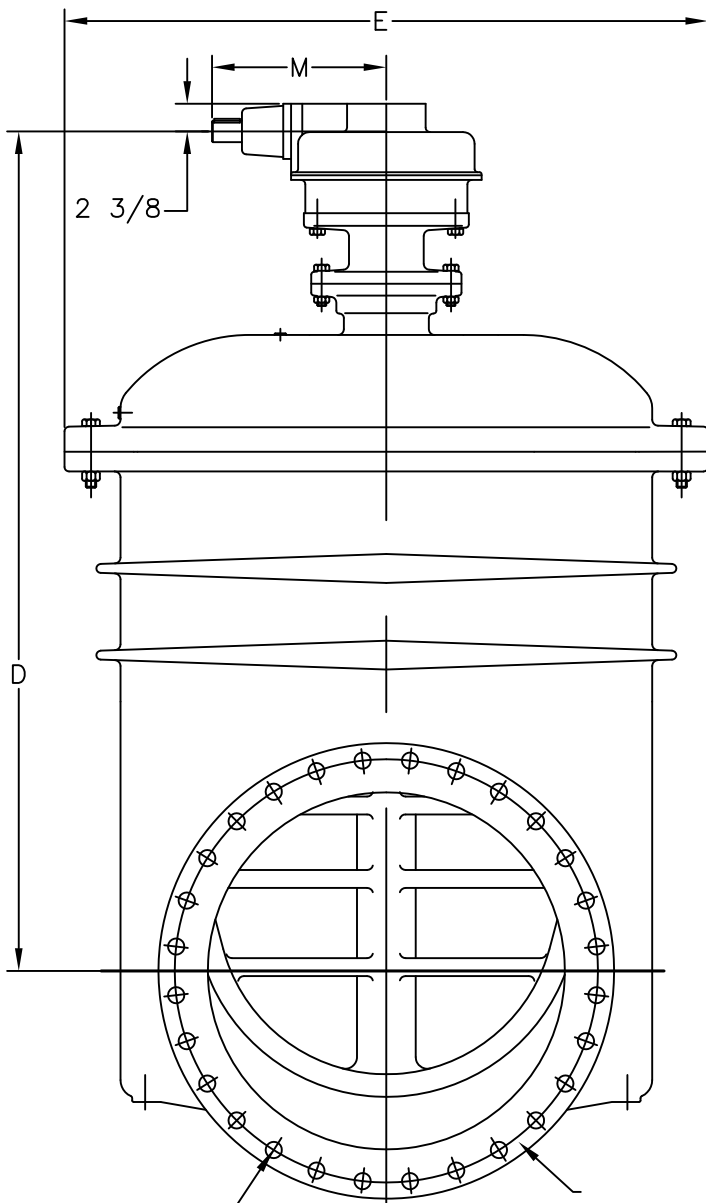
VALVE SIZE	A	B	C	D	E	F	G	H	WEIGHT
30	39 1/2	1 11/16	35 1/2	71 3/8	54 3/4	20	1	14 7/8	5,400
36	46 1/2	2	38 3/4	81 1/16	58 7/8	24	1	14 7/8	7,200
42	54	2	39	98 3/8	78	28	1 1/4	17	15,200
48	60 3/4	2	42	101 3/8	78	32	1 1/4	17	15,500

URNS TO OPEN: (30"=587) (36"=705) (42"=1,056) (48"=1,200)
 HANDWHEEL OPTIONAL: (30"&36"=24" DIAMETER) (42"-54"=28" DIAMETER)

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

DWN: TRIJ
 DATE: 9/1/12
 DWG. NO.
 LRW54

30" to 48"
 RESILIENT SEAT GATE VALVE
 C515-STYLE 7571
 (WITH BEVEL GEAR)
 (WITH ROLLERS, TRACKS, SCRAPPERS)
 MJ X MJ



F = NUMBER OF FLANGE BOLTS
 G = SIZE OF FLANGE BOLTS
 H = NUMBER OF MJ BOLTS
 J = SIZE OF MJ BOLTS

MJ END IN ACCORDANCE TO ANSI A21.11
 FLANGE END PER ANSI B16.1 CLASS 125

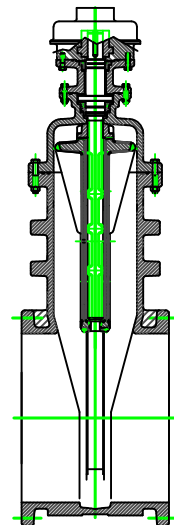
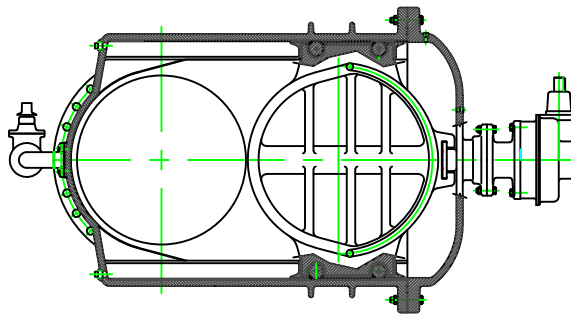
VALVE SIZE	A	B	C	D	E	F	G	H	J	K	L	M	WEIGHT
30	38 3/4	2 1/8	31	71 3/8	54 3/4	28	1 1/4	20	1	39 1/2	1 11/16	14 7/8	5,400
36	46	2 3/8	34 3/4	81 1/16	58 7/8	32	1 1/2	24	1	46 1/2	2	14 7/8	7,200
42	53	2 5/8	37 1/2	98 3/8	78	36	1 1/2	28	1 1/4	54	2	17	15,200
48	59 1/2	2 3/4	39	101 3/8	78	44	1 1/2	32	1 1/4	60 3/4	2	17	15,500

URNS TO OPEN: (30"=587) (36"=705) (42"=1,056) (48"=1,200)
 HANDWHEEL OPTIONAL: (30"&36"=24" DIAMETER) (42"-54"=28" DIAMETER)
 NOTE: VALVE WILL ACCEPT A FULL SIZE TAPPING CUTTER

M&H VALVE COMPANY ANNISTON, ALABAMA A DIVISION OF MCWANE INC.	DWN: TRIJ	30" THRU 48" RESILIENT SEAT GATE VALVE C515-STYLE 7572 (WITH BEVEL GEAR) (WITH ROLLERS, TRACKS, SCRAPPERS) FLANGE X MJ
	DATE: 9/1/12	
	DWG. NO. LRW55	

ITEM	DESCRIPTION	MATERIAL	ASTM SPEC.
1	BODY	DUCTILE IRON	ASTM A536 64-45-12
2	BOLT	STAINLESS STEEL	AISI 18-8 SS
3	NUT	STAINLESS STEEL	AISI 18-8 SS
4	WEDGE CASTING	DUCTILE IRON	ASTM A536 64-45-12
5	MOLDED RUBBER ON WEDGE	RUBBER	EPDM
6	STEM NUT	COPPER ALLOY	ASTM B763 C87610
7	EXTENSION-ACTUATOR	DUCTILE IRON	ASTM A536 64-45-12
8	BOLT	STAINLESS STEEL	AISI 18-8 SS
9	NUT	STAINLESS STEEL	AISI 18-8 SS
10	KEY	STEEL	-----
11	BEVEL GEAR ACTUATOR	(PURCHASED PART)	-----
12	O-RING	RUBBER	EPDM
13	BOLT	STAINLESS STEEL	AISI 18-8 SS
14	BUSHING-STEM GUIDE	COPPER ALLOY	ASTM B584 C83600
15	O-RING	RUBBER	EPDM
16	THRUST BEARING	NYLATRON	-----
17	O-RING	RUBBER	EPDM
18	COVER BUSHING	COPPER ALLOY	ASTM B584 C83600
19	O-RING	RUBBER	EPDM
20	COVER	DUCTILE IRON	ASTM A536 65-45-12
21	O-RING-COVER OUTER	RUBBER	EPDM
22	STEM	COPPER ALLOY	ASTM B584 C86700
**23	PIPE PLUG	STAINLESS STEEL	AISI 316 SS
24	ACTUATOR DRIVE BUSHING	STEEL	-----
25	O-RING	RUBBER	EPDM
27	SCRAPER	COPPER ALLOY	ASTM B148 C95400
28	TRACK	STAINLESS STEEL	AISI 316 SS
29	ROLLER	COPPER ALLOY	ASTM B148 C95400
30	PIN-ROLLERS	STAINLESS STEEL	AISI 18-8 SS
31	O-RING-COVER INNER	RUBBER	EPDM
***32	BYPASS VALVE	DUCTILE IRON	PER AWWA C515
33	BYPASS ELBOWS	DUCTILE IRON	ASTM A536 65-45-12
**34	PIPE PLUGS	STAINLESS STEEL	AISI 316 SS

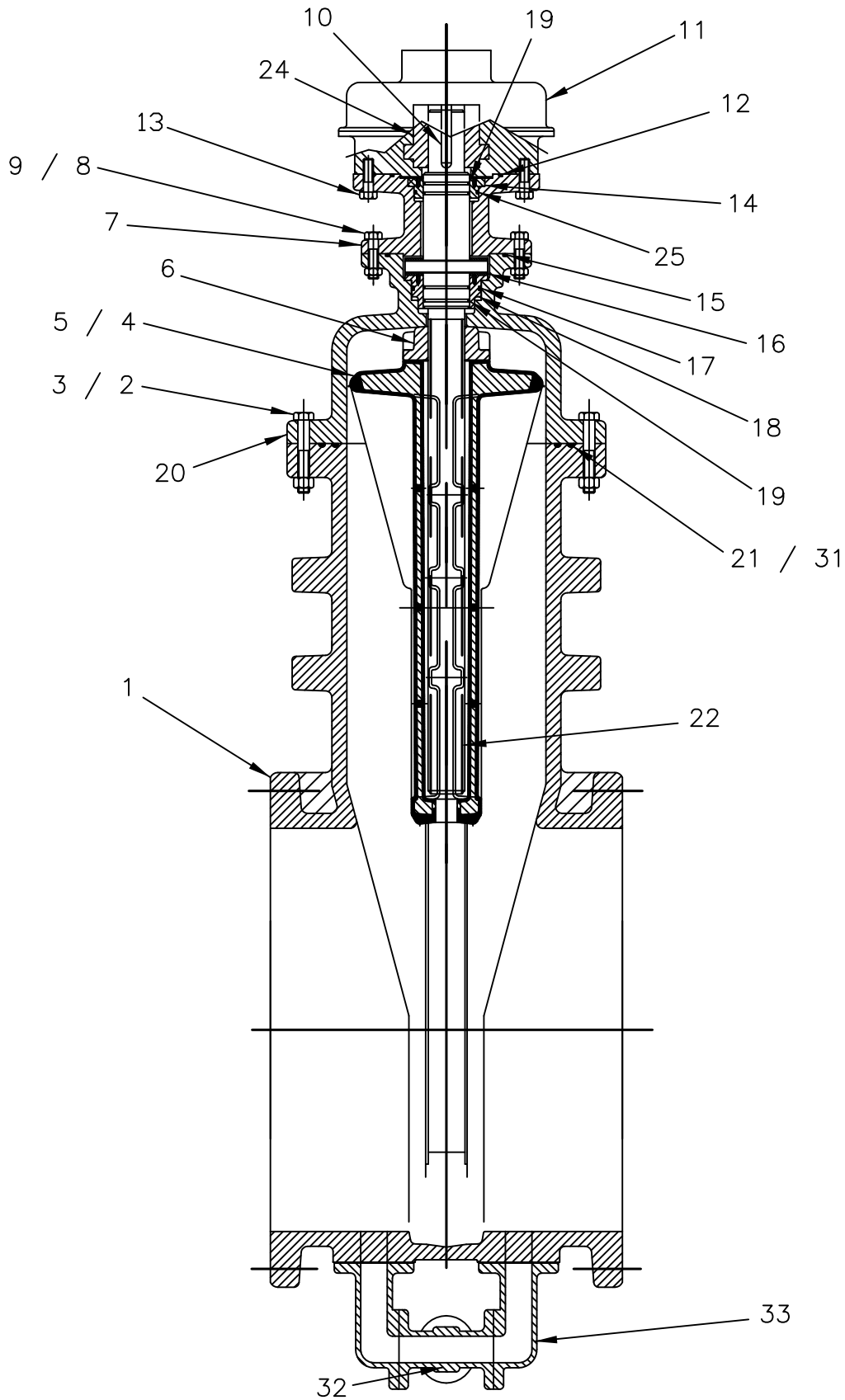
ACTUATOR RATIO (30" & 36" = 6:1) (42" - 54" = 8:1)
 *COVER PIPE PLUG SIZE (30" & 36" = 3/4") (42" - 54" = 1")
 **BODY PIPE PLUG SIZE (30" & 36" = 1 1/4") (42" - 54" = 1 1/2")
 ***BY-PASS VALVE SIZE (30" & 36" = 2") (42" - 54" = 4")



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

DWN: CTJ
 DATE: 7/24/19
 DWG. NO.
 LRW52BPV

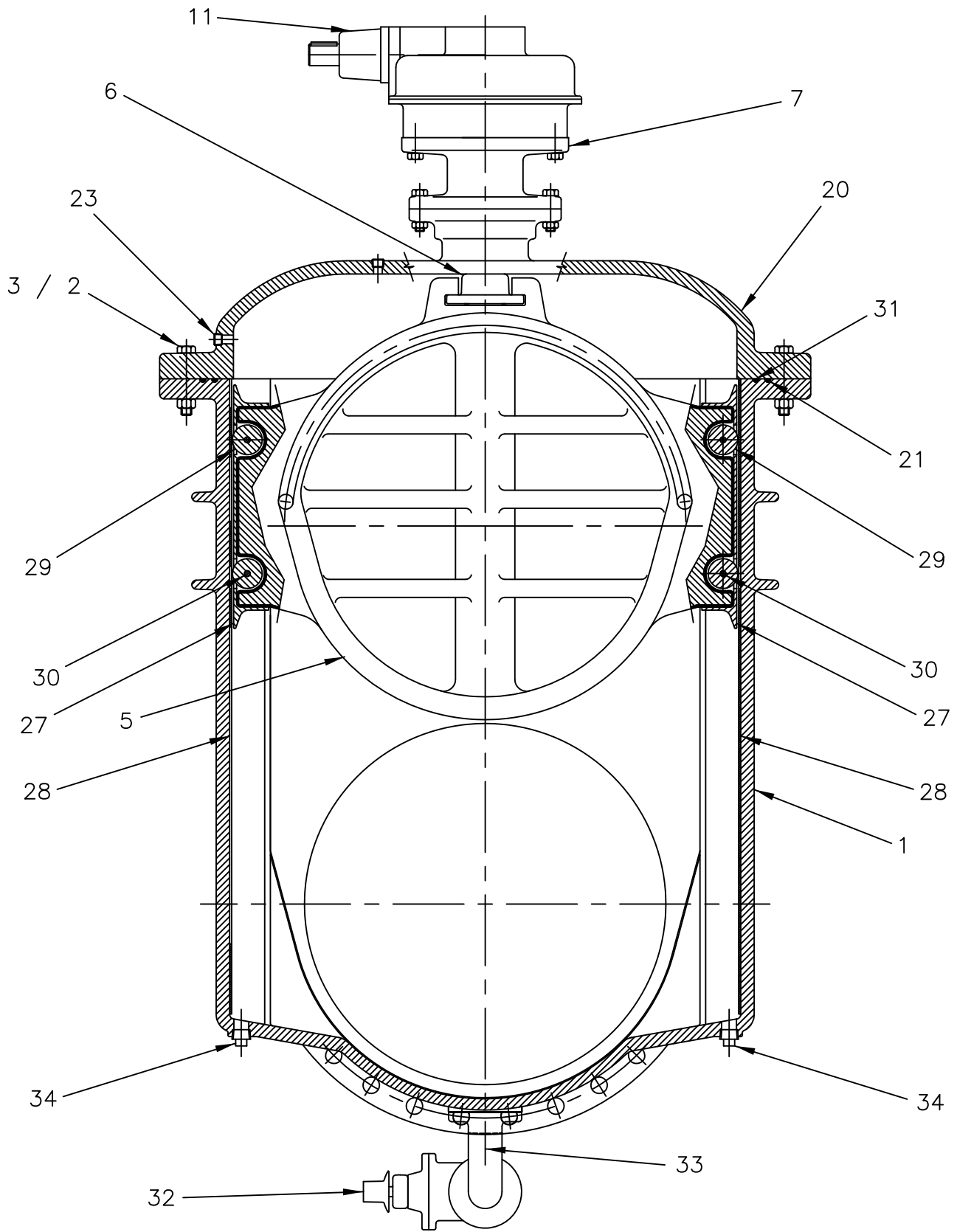
30" THRU 54"
 RESILIENT SEAT GATE VALVE
 C515-SERIES 7000
 (WITH BEVEL GEAR)(WITH BY-PASS)
 (WITH ROLLERS, TRACKS, SCRAPPERS)
 MATERIAL LIST



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

DWN: TRIJ
DATE: 9/1/12
DWG. NO. LRW50BPV

30" THRU 54"
RESILIENT SEAT GATE VALVE
C515-7000 SERIES
(WITH BEVEL GEAR)(WITH BY PASS)
(WITH ROLLERS, TRACKS, SCRAPPERS)
ASSEMBLY DRAWING 1



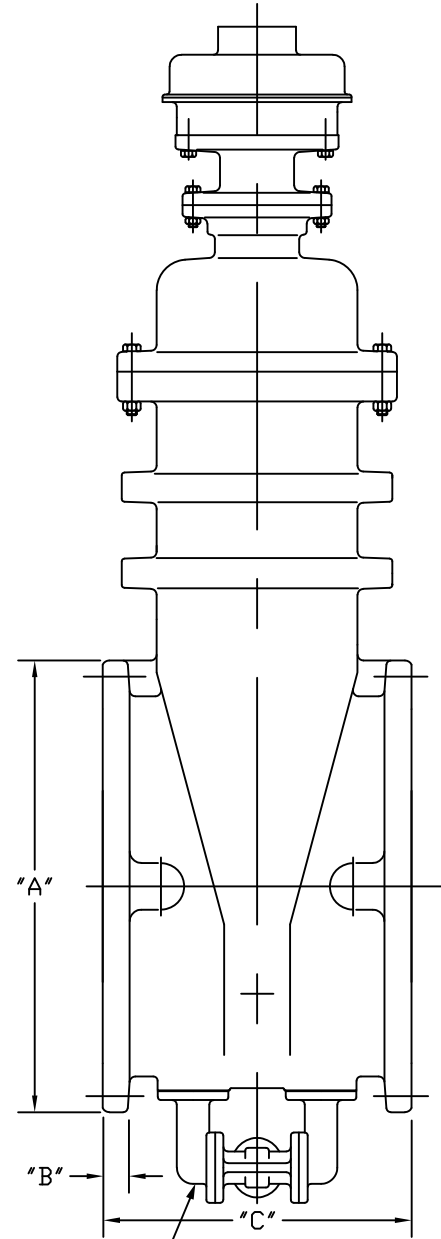
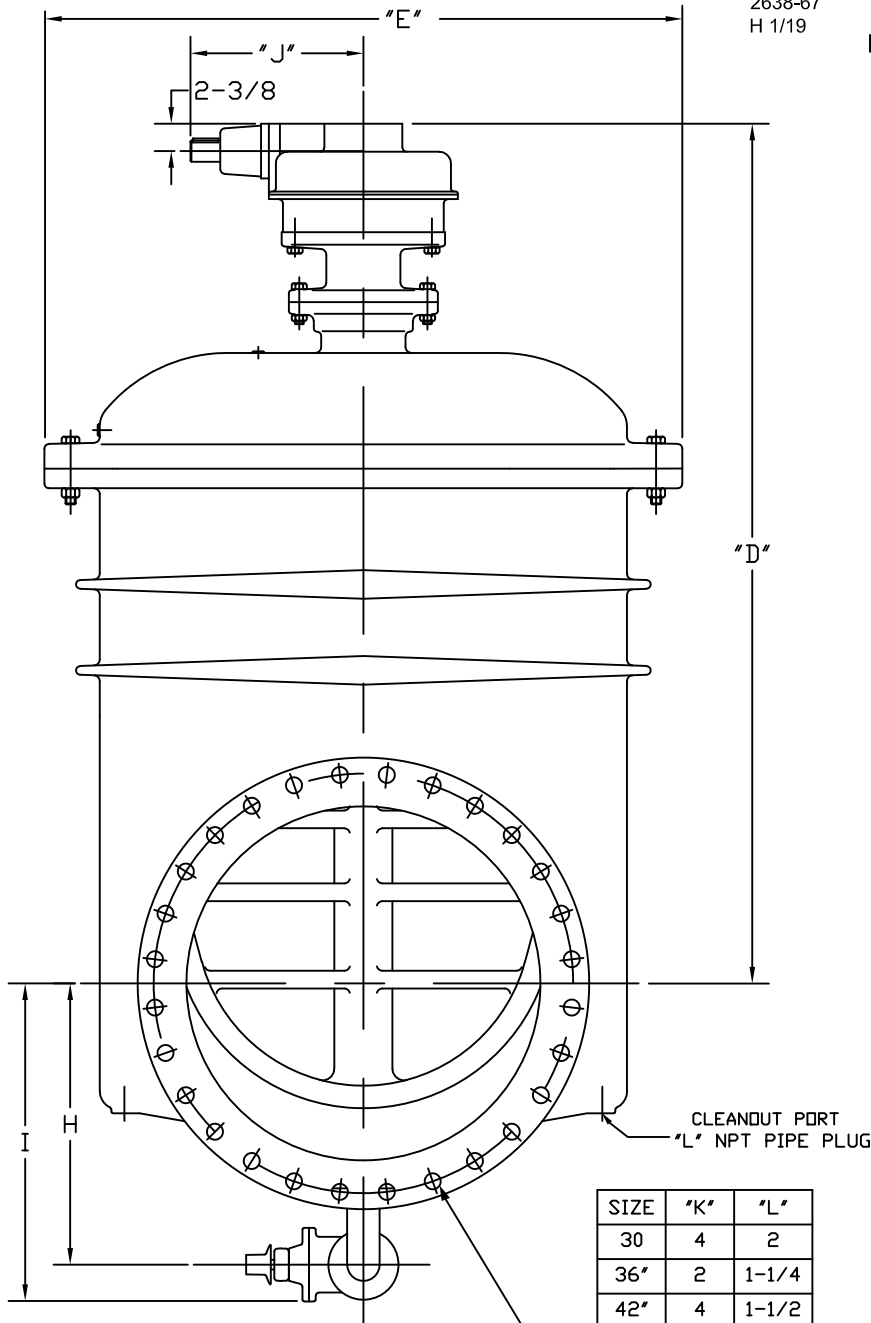
M&H VALVE COMPANY
ANNISTON, ALABAMA
A DIVISION OF MCWANE INC.

DWN: TRIJ
DATE: 9/1/12
DWG. NO.
LRW51BPV

30" THRU 54"
RESILIENT SEAT GATE VALVE
C515-7000 SERIES
(WITH BEVEL GEAR)(WITH BY-PASS)
(WITH ROLLERS, TRACKS, SCRAPPERS)
ASSEMBLY DRAWING 2

2638-67
H 1/19

Complies with applicable requirements of AWWA C515



ANSI B16.1 Class 125 Drilling for "F" # & "G" Size Bolts

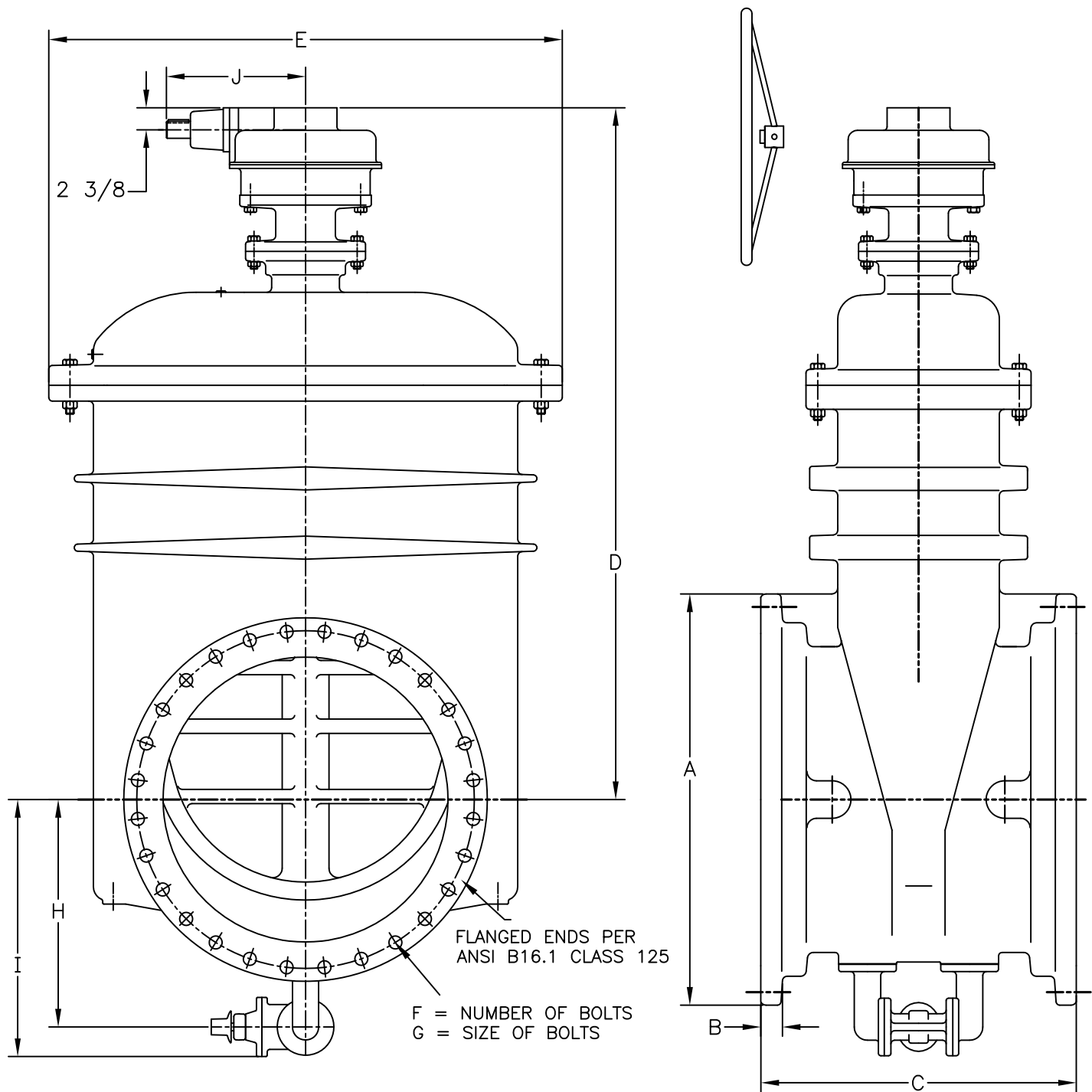
SIZE	"K"	"L"
30"	4	2
36"	2	1-1/4
42"	4	1-1/2
48"	4	1-1/2
54"	4	1-1/2

Valve Size	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"	"J"
30"	38-3/4	2-1/8	40	73-7/8	54-3/4	28	1-1/4	24	28-1/2	14-7/8
36"	46	2-3/8	30-3/4	83-7/16	58-7/8	32	1-1/2	27-1/4	30-1/4	14-7/8
42"	53	2-5/8	36	100-3/4	78	36	1-1/2	30-15/16	35-7/16	17
48"	59-1/2	2-3/4	35-1/2	103-3/4	78	44	1-1/2	33-15/16	38-7/16	17
54"	66-1/4	3	48	103-3/4	78	44	1-3/4	37-5/16	41-13/16	17

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

DWN: CTJ
DATE: 1/23/19
DWG. NO.
2638-67

30"-54" MODEL 2638 RW VALVE
FLANGED ENDS
W/ BEVEL GEAR & BYPASS
GENERAL DIMENSIONS



VALVE SIZE	A	B	C	D	E	F	G	H	I	J	WEIGHT
30	39 1/2	1 11/16	35 1/2	73 3/4	54 3/4	20	1	24	27	14 7/8	5,400
36	46 1/2	2	38 3/4	83 7/16	58 7/8	24	1	27 1/4	30 1/4	14 7/8	7,200
42	54	2	39	100 3/4	78	28	1 1/4	30 15/16	35 7/16	17	15,200
48	60 3/4	2	42	103 3/4	78	32	1 1/4	33 15/16	38 7/16	17	15,500

TURNS TO OPEN: (30"=587) (36"=705) (42"=1,056) (48"=1,200)

HANDWHEEL OPTIONAL: (30"&36"=24" DIAMETER) (42"&48"=28" DIAMETER)

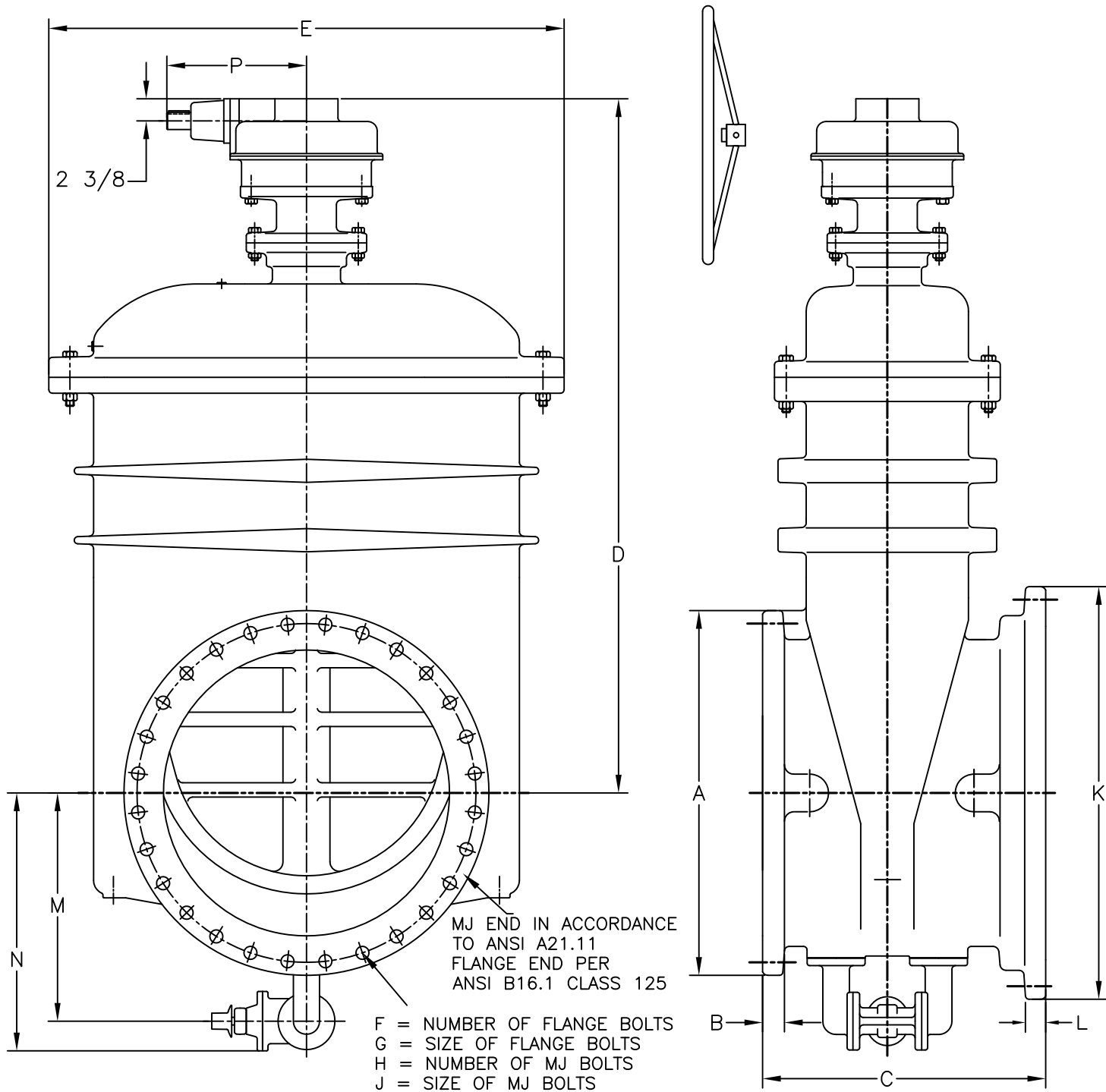
M&H VALVE COMPANY
ANNISTON, ALABAMA
A DIVISION OF MCWANE INC.

DWN: TRIJ

DATE: 9/1/12

DWG. NO.
LRW54BPV

30" THRU 48"
RESILIENT SEAT GATE VALVE
C515-STYLE 7571
(WITH BEVEL GEAR)(WITH BY-PASS)
(WITH ROLLERS, TRACKS, SCRAPPERS)
MJ X MJ



VALVE SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	WEIGHT
30	38 3/4	2 1/8	31	73 3/4	54 3/4	28	1 1/4	20	1	39 1/2	1 11/16	24	27	14 7/8	5,400
36	46	2 3/8	34 3/4	83 7/16	58 7/8	32	1 1/2	24	1	46 1/2	2	27 1/4	30 1/4	14 7/8	7,200
42	53	2 5/8	37 1/2	100 3/4	78	36	1 1/2	28	1 1/4	54	2	30 15/16	35 7/16	17	15,200
48	59 1/2	2 3/4	39	103 3/4	78	44	1 1/2	32	1 1/4	60 3/4	2	33 15/16	38 7/16	17	15,500

TURNS TO OPEN: (30"=587) (36"=705) (42"=1,056) (48"=1,200)
 HANDWHEEL OPTIONAL: (30"&36"=24" DIAMETER) (42"&48"=28" DIAMETER)

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

DWN: TRIJ
 DATE: 9/1/12
 DWG. NO.
 LRW55BPV

30" THRU 48"
 RESILIENT SEAT GATE VALVE
 C515-STYLE 7572
 (WITH BEVEL GEAR)(WITH BY-PASS)
 (WITH ROLLERS, TRACKS, SCRAPPERS)
 FLANGE X MJ