

Mechanical
ASSOCIATES



**UHO-10 ALUMINUM SLIDE & WEIR GATES
PRODUCT INFORMATION**

2016 Edition

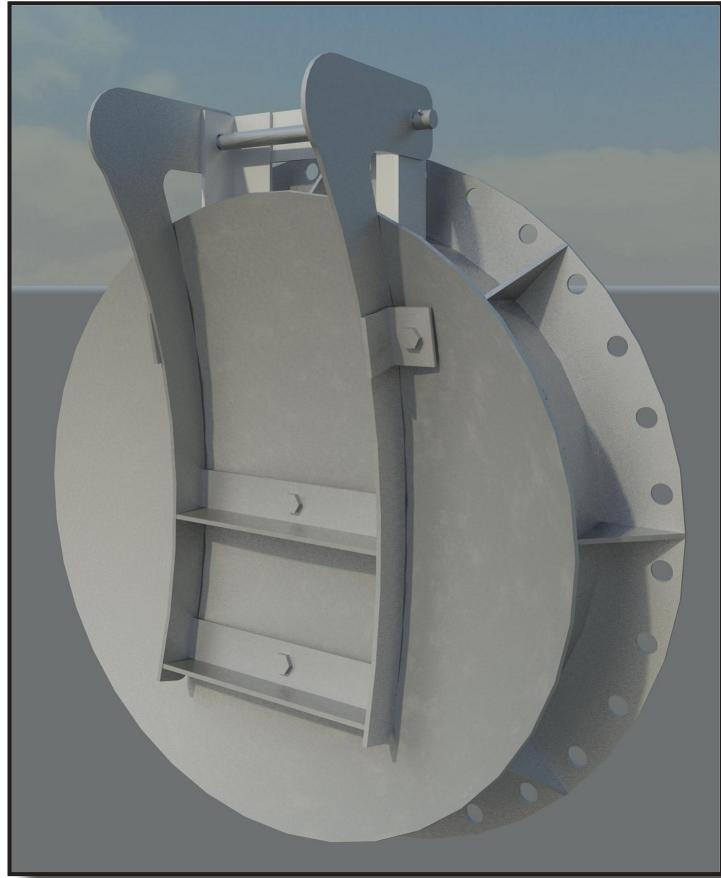


Mechanical Associates began manufacturing in 1993. Over the past 22 years we have developed or improved many of the products used in the water control gate market today.

Mechanical Associates introduced a domed flap gate shown in the picture to the right. The domed cover concept is based on the fact that a dome provides greater strength than a flat plate, thus eliminating the need for adding welded reinforcement on the flap gate cover. This design allows for light weight stainless steel flap gates to compete in performance and price with the heavier cast iron gates being offered today.

Today Mechanical Associates offers a full product line of water control gates as well as mud & telescoping valves.

Please contact Mechanical Associates for current prices and information on these or any new product which may have been added to our product line since the publication of this edition of our product catalog.



CONTACT INFORMATION

Mechanical Associates

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www.mechanical-associates.com

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INTRODUCTION



WATER CONTROL GATES & VALVES

MECHANICAL ASSOCIATES OFFERS SUPERIOR QUALITY PRODUCTS AND SUPERIOR CUSTOMER SERVICE OVER ANY OTHER COMPETITOR

MECHANICAL ASSOCIATES

began manufacturing in 1993 as a subcontractor to one of the major USA water control gate manufacturers. Today Mechanical Associates has a continually expanding product line of water control products as well as mud & telescoping valves to meet all of our customers needs.

CUSTOMER CARE

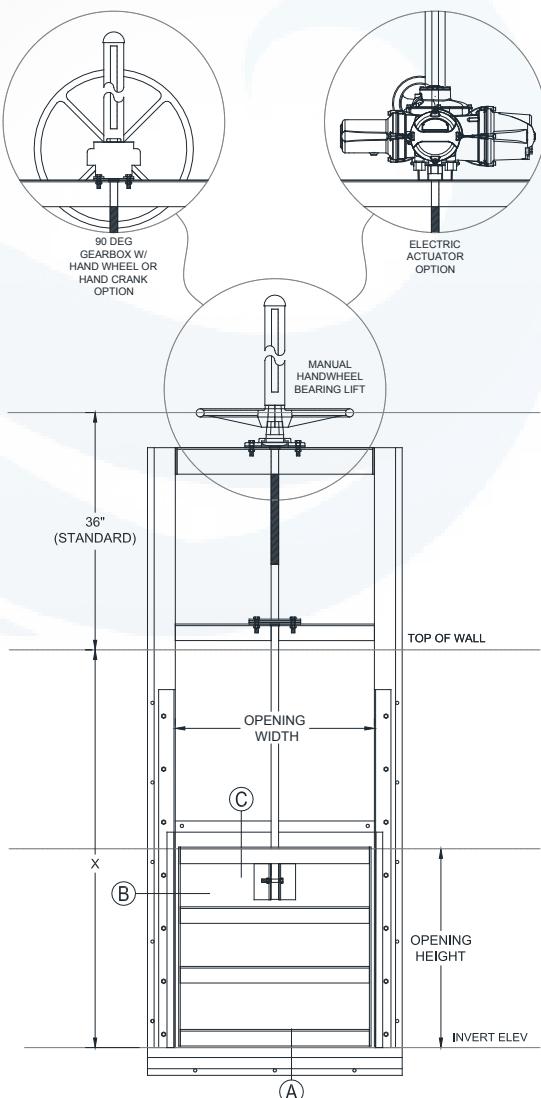
By listening to our customers over the past 22 years Mechanical Associates has developed and/or improved a variety of the products used in the water control gate market today. Through innovation and careful collaboration with our customers, Mechanical Associates provides the best possible solution to meet our clients water control needs.

QUALITY

Mechanical Associates prides itself on providing high quality American made water control products. Mechanical Associates specializes in corrosion resistant materials including Stainless Steel and Marine Grade Aluminum.

INNOVATION

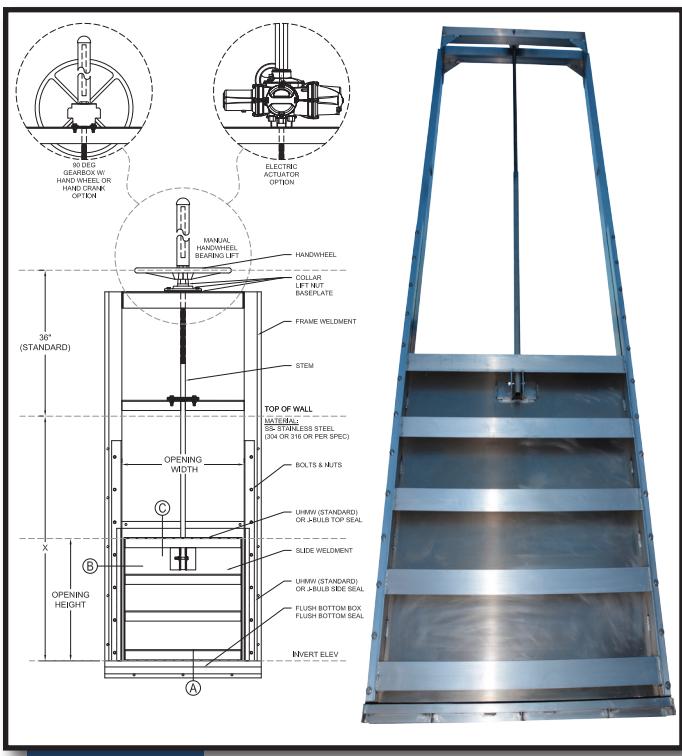
Mechanical Associates' experienced staff, with over 100 years of working in the water control industry, is continually working to improve all of its products and also working with our customers to create new products.





MUNICIPAL WATER CONTROL PRODUCTS

UHO-10-AL-CH ALUMINUM SLIDE & WEIR GATES



ALUMINUM SLIDE GATE

Model: UHO-10-AL-CH

- Replaceable UHMW Or Neoprene J-Bulb Seals
- All Aluminum Construction
- Stainless Steel Slide Option (SALS)
- Seating/Off Seating Head
- Flush Bottom for Watertight Seal
- Reinforced Slide
- Easy Open / Easy Close Handwheel
- Electrical Operation Available
- Gear Actuator Available
- Pneumatic Actuator Available
- Rolled Threads on Stem
- Available with Non-Rising Stem
- **Available In Downward Opening Weir**
- **Available in Light, Medium, & Heavy Duty**
- **Environmentally friendly**
- **Non environmentally degrading**
- **No toxic paints or coatings**

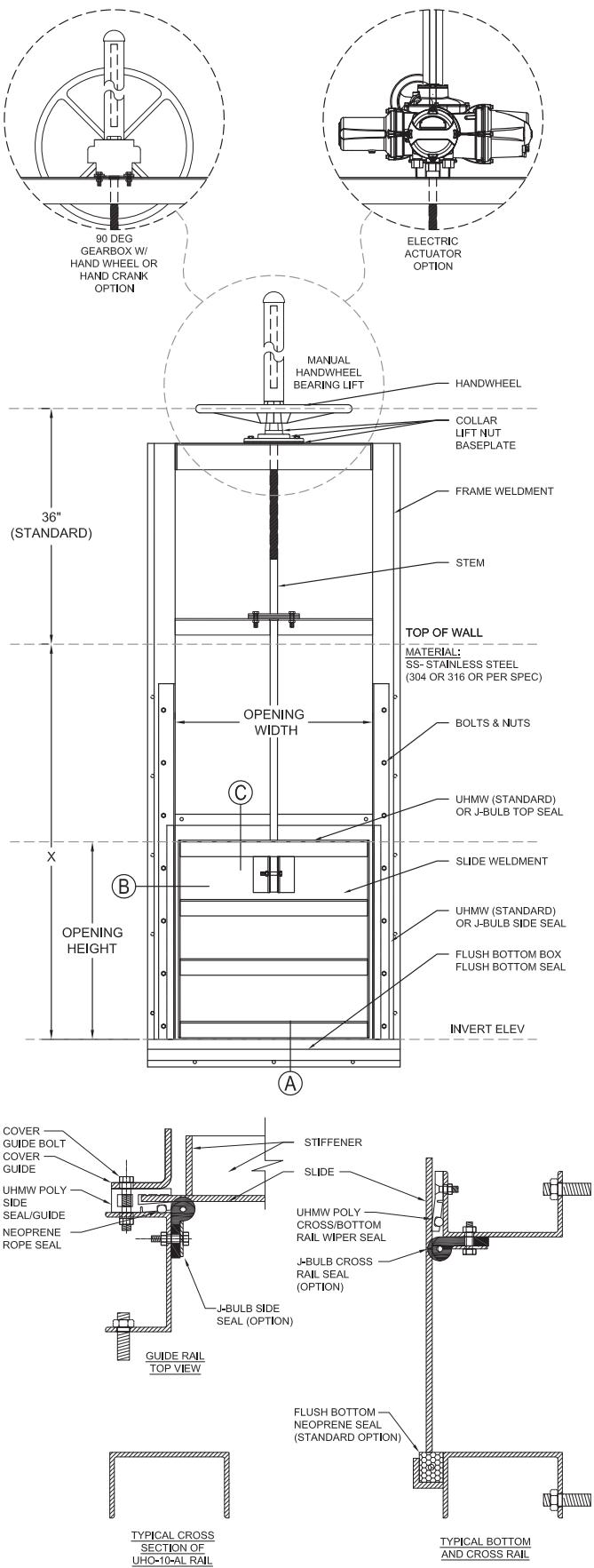
**ALL GATES ENGINEERED PER HEAD PRESSURE
SPECIFICATION REQUIREMENT**

**REQUEST OUR UHO-10-AL-CH BROCHURE FOR ALL
AVAILABLE OPTIONS FOR THIS GATE SERIES.**

Mechanical Associates' stainless steel and aluminum gates provide long life and excellent value for the investment. Installation is quick and easy. All gates come standard with replaceable seals for easy maintenance. Stainless steel and aluminum construction will provide long life in corrosive conditions, with little or no maintenance or replacement parts required.

Also available from Mechanical Associates
Line Gates, Slide Gates, Pressure Gates, Canal Gates, Flap Gates, and more..

ALUMINUM SLIDE GATE UHO-10-AL



STANDARD FEATURES:

- All Aluminum Construction
- UHMW Self Adjusting Seals Top & Sides
- Seating or Off Seating Head Configurations
- Flush Bottom Neoprene for Watertight Seal
- Reinforced Slide
- Rolled Threads on Stem
- Manual Lift with Handwheel
- Easy Open / Easy Close Handwheel Actuator
- Environmentally friendly
- Non environmentally degrading
- No toxic paints or coatings

LIFT OPTIONS:

- Electric Actuator
- Geared Roller Bearing Actuator
- Manual Roller Bearing Actuator
- Pneumatic Actuator
- Non-Rising Stem

MOUNTING OPTIONS:

- Flush Mount
- Embedded
- In-Channel
- Wall Thimble
- Spigot
- Pipe Flange

FRAME OPTIONS:

- Configuration 1 Light To Medium Duty
- Configuration 2 Heavy duty
- Self Contained
- Non-Self Contained
- Downward Opening

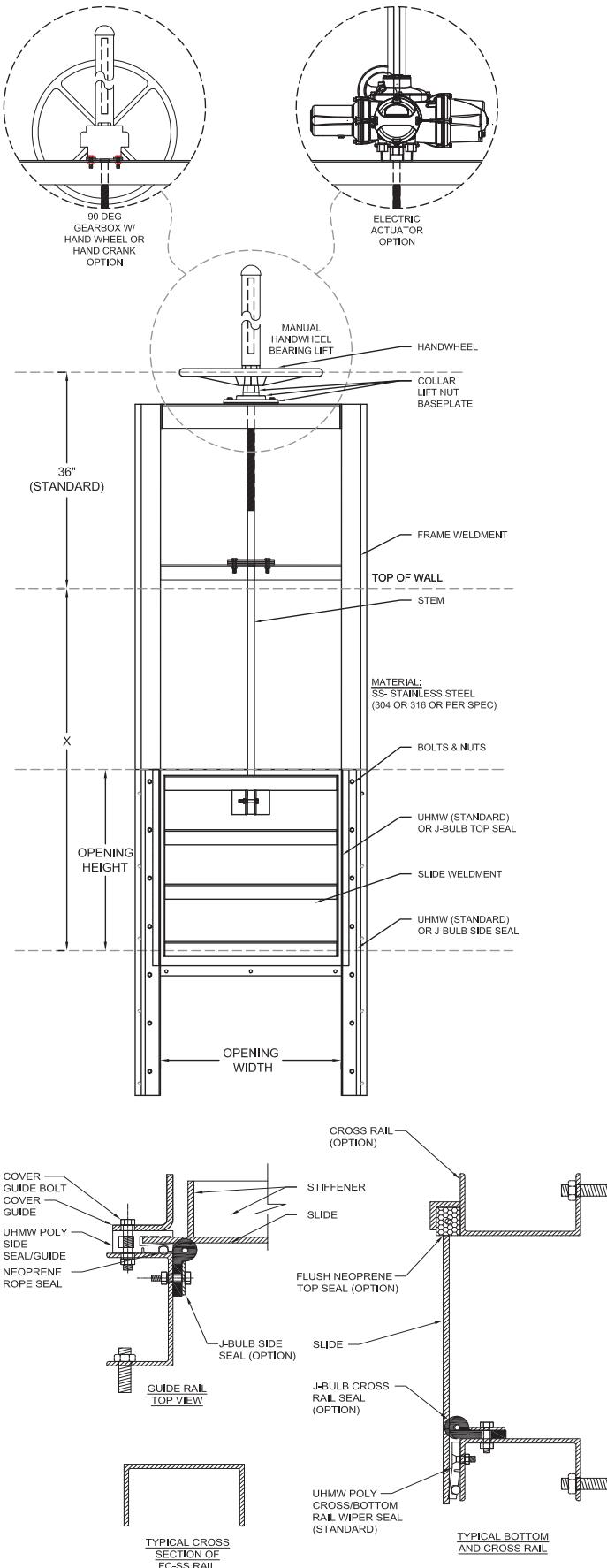
SEAL OPTIONS:

- Neoprene Or EPDM J-Bulb Seals

PARTS & MATERIALS

Handwheel	Cast Iron: ASTM-A126 CL. B
Lift Nut	Commercial Bronze
Collar	Cast Iron: ASTM-A126 CL. B
Base Plate	Aluminum Alloy 6061-T6
Bolts & Nuts	Stainless Steel ASTM A-276 TY.304 Or 316
Stem	Stainless Steel ASTM A-276 TY.304 Or 316
Frame Weldament	Aluminum Alloy 6061-T6
Slide Weldament	Aluminum Alloy 6061-T6
Flush Bottom Box	Aluminum Alloy 6061-T6
Flush Bottom Seal	Neoprene Rubber: ASTM D-2000
J-Bulb	Neoprene Rubber: ASTM D-2000
Poly Seal	UHMW

UHO-10-AL-CH SLIDE & WEIR GATE

**ALUMINUM DOWNWARD OPENING WEIR GATE
UHO-10-AL-DO**

STANDARD FEATURES:

- All Aluminum Construction
- UHMW Self Adjusting Seals Top & Sides
- Seating or Off Seating Head Configurations
- Flush Bottom Neoprene for Watertight Seal
- Reinforced Slide
- Rolled Threads on Stem
- Manual Lift with Handwheel
- Easy Open / Easy Close Handwheel Actuator
- Environmentally friendly
- Non environmentally degrading
- No toxic paints or coatings

LIFT OPTIONS:

- Electric Actuator
- Geared Roller Bearing Actuator
- Manual Roller Bearing Actuator
- Pneumatic Actuator
- Non-Rising Stem

MOUNTING OPTIONS:

- Flush Mount
- Embedded
- In-Channel
- Wall Thimble
- Spigot
- Pipe Flange

FRAME OPTIONS:

- Configuration 1 Light To Medium Duty
- Configuration 2 Heavy duty
- Self Contained
- Non-Self Contained
- Downward Opening

SEAL OPTIONS:

- Neoprene Or EPDM J-Bulb Seals

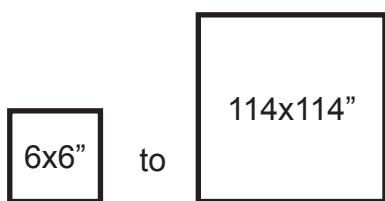
PARTS & MATERIALS

Handwheel	Cast Iron: ASTM-A126 CL. B
Lift Nut	Commercial Bronze
Collar	Cast Iron: ASTM-A126 CL. B
Base Plate	Aluminum Alloy 6061-T6
Bolts & Nuts	Stainless Steel ASTM A-276 TY.304 Or 316
Stem	Stainless Steel ASTM A-276 TY.304 Or 316
Frame Weldament	Aluminum Alloy 6061-T6
Slide Weldament	Aluminum Alloy 6061-T6
Flush Bottom Box	Aluminum Alloy 6061-T6
Flush Bottom Seal	Neoprene Rubber: ASTM D-2000
J-Bulb	Neoprene Rubber: ASTM D-2000
Poly Seal	UHMW

UHO-10-AL-CH SLIDE & WEIR GATE

TECHNICAL SPECIFICATIONS

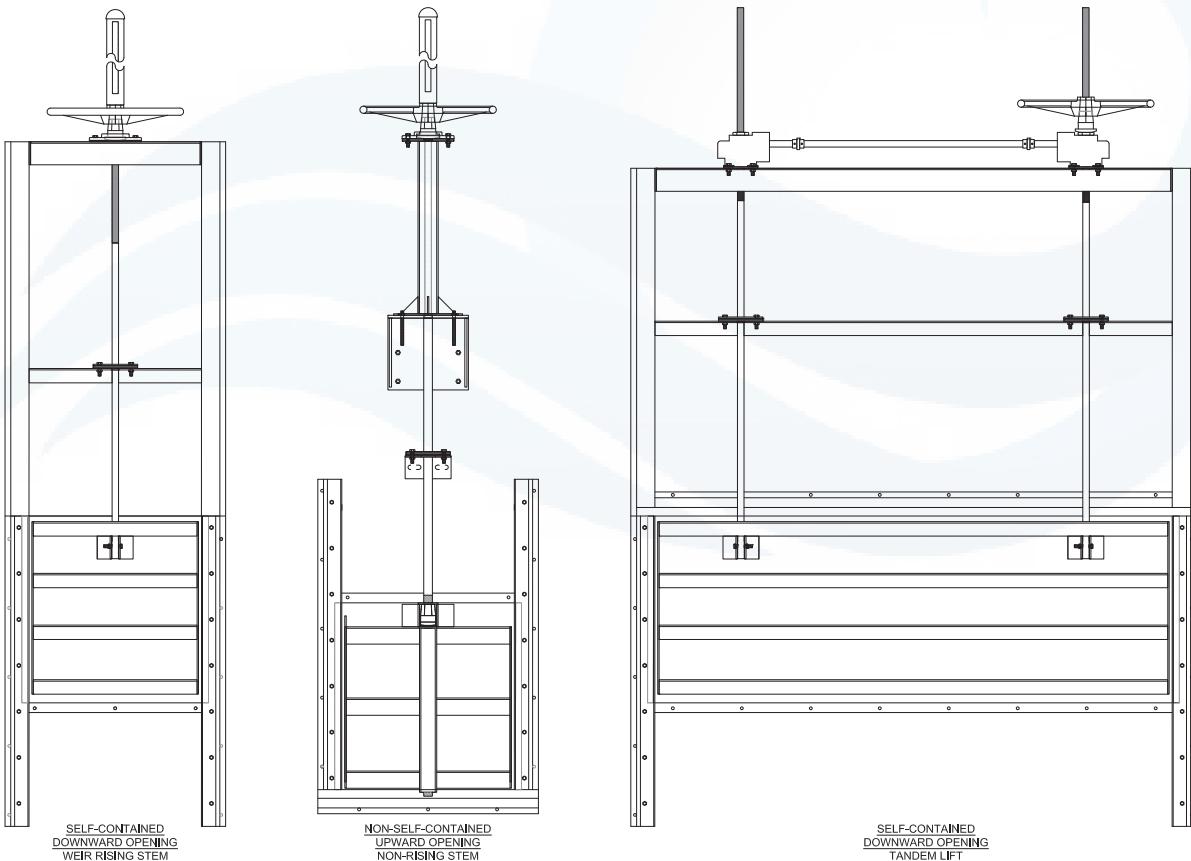
UHO-10-AL ALUMINUM SLIDE & WEIR GATES



The UHO-10 Slide Gate is available in any variation of sizes from 6x6" to 114x114". Please contact us about your custom needs.

HEIGHT	WIDTH											
	6	8	10	12	16	20	24	36	48	60	96	114
6	36	48	60	72	96	120	144	216	288	360	576	684
8	48	64	80	96	128	160	192	288	384	480	768	912
10	60	80	100	120	160	200	240	360	480	600	960	1140
12	72	96	120	144	192	240	288	432	576	720	1152	1368
16	96	128	160	192	256	320	384	576	768	960	1536	1824
20	120	160	200	240	384	400	480	720	960	1200	1920	2280
24	144	192	240	288	320	480	576	864	1152	1440	2304	2736
36	216	288	360	432	576	720	864	1296	1728	2160	3456	4104
48	288	384	480	576	768	960	1152	1728	2304	2880	4608	5472
60	360	480	600	720	960	1200	1440	2160	2880	3600	5760	6840
96	576	768	960	1152	1536	1920	2304	3456	4608	5760	9216	10944
114	684	912	1140	1368	1824	2280	2736	4104	5472	6840	10944	12996

Table shows the operating area of the gate in square inches.



Mechanical Associates' stainless steel and aluminum gates provide long life and excellent value for the investment. Installation is quick and easy. Field replaceable neoprene seats gives a drip tight seal. Stainless steel and aluminum construction will provide long life in corrosive conditions, with little or no maintenance or replacement parts required.



745 Broadway Street, Fresno, CA, 93721 - 559.272.8157 - www.mechanical-associates.com

UHO-10-AL SERIES

ALUMINUM 6061-T6 SLIDE GATE

SELECTION GUIDE

SEAL TYPE

- UHMW Polyethylene
- J-Bulb (Neoprene OR EPDM)
- Other

MATERIAL OPTIONS

- 6061-T6: _____

MOUNTING OPTIONS

- In-Channel Mount (IC)
- Embed Mount (EMB)
- Flange Back (FB)
- Spigot Back (SP)
- Wall Thimble (Type _____)

SELF CONTAINED FRAME

- Self-Contained Frame
- Stem Guides (On Frame)
- Torque Tube

NON-SELF CONTAINED FRAME

- Non-Self Contained Frame
- Stem Guides (Wall Mounted)
- TOW Bracket (Top of Wall)
- Pedestal
- Floor Box

STEM OPTIONS

- Rising Stem
- Non-Rising Stem
- Stem Cover
- Position Indicator Strip

OPTIONS & ACCESSORIES

- Handwheel 14"
- Handwheel 24"
- Hand Crank
- Tee Handle
- Limit Nut

LIFT OPTIONS

- Standard (Non-Geared Lift)
- UHMWPE Bearing Lift
(Non-Geared Lift)
- Needle Bearing Lift
(Non-Geared Lift)
- Gear Actuator (Vertical)
- Gear Actuator (90°)
- Electric Actuator
- Air/Pneumatic Actuator
- Hydraulic Actuator
- Tandem Lift
- Chain Drive
- Handwheel Extension

UHO-10-AL-P-EMB-Y-DO-NRS

SERIES DESIGNATION: UHO-10- ALUMINUM CHANNEL

MATERIAL: AL- ALUMINUM
6061 T-6

SEAL/GUIDE: P - UHMW POLYETHYLENE
J - J-BULB (NEOPRENE OR EPDM)
PJ- POLY GUIDE W/ J-BULB SEAL
CS - CROWN SEAL
PB - PRESSURE BAR (WEDGE)

NON-RISING STEM

OPENING OPTION:
DO - DOWNWARD OPENING

FRAME CONFIGURATION:
Y - SELF-CONTAINED
X - NON SELF-CONTAINED

FRAME MOUNTING:
EMB - EMBEDDED
IC - IN-CHANNEL
FB - FLANGE BACK
SB - SPIGOT BACK
WT - WALL THIMBLE

GATE SELECTION: UHO-10-AL-_____

DETAIL TITLE #:

**ALUMINUM 6061-T6
SLIDE GATE (UHO-10-AL)**

REVISION #:

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JOB NO.

N/A

QUOTE ITEM NUMBER:

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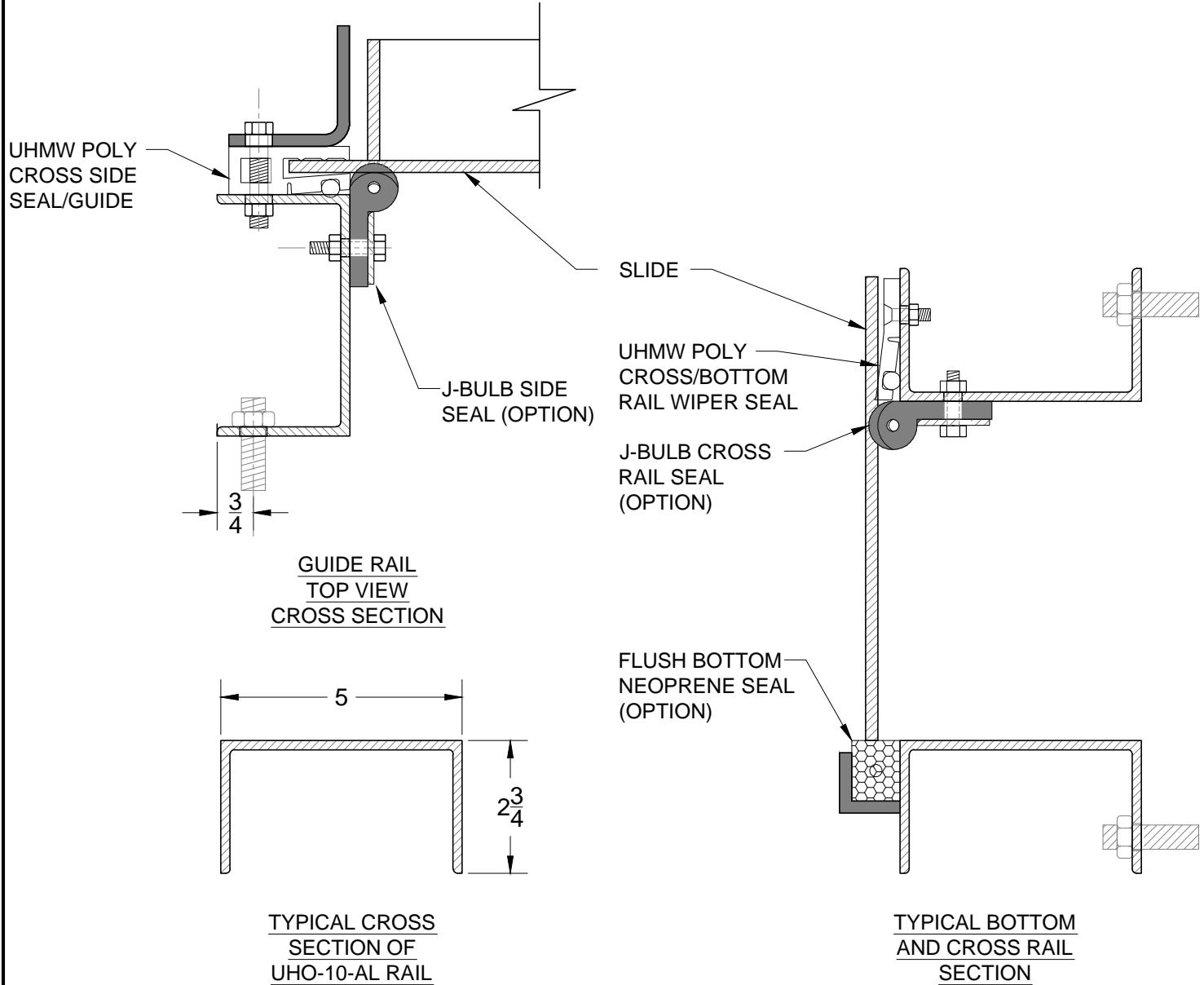
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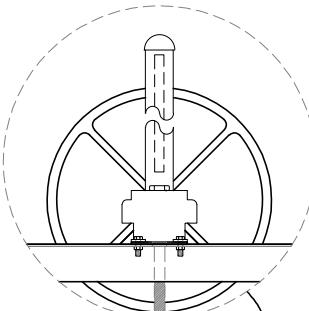
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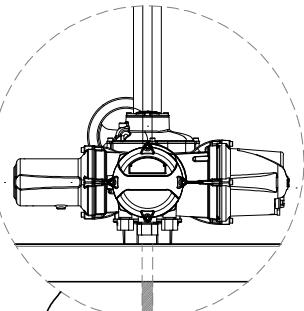
UHO-10-AL



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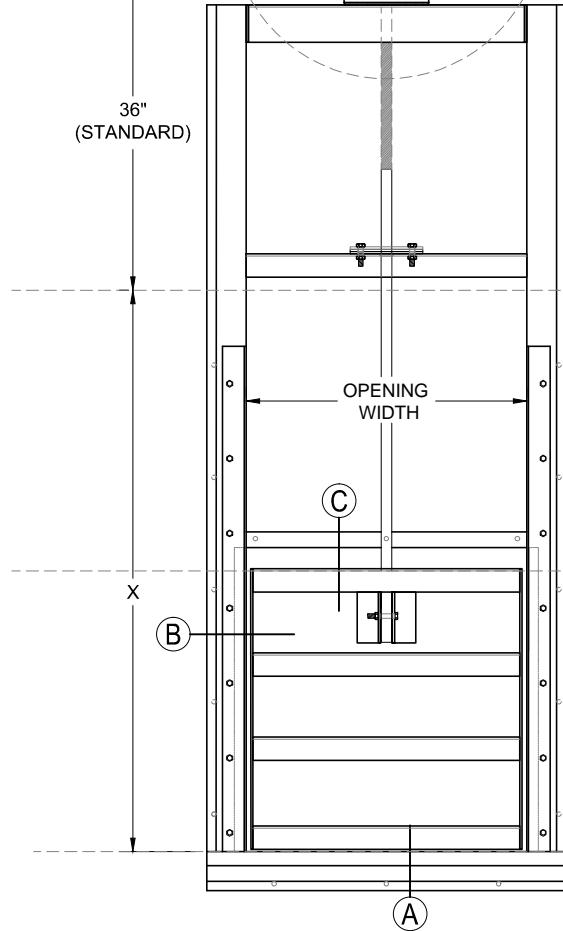
90 DEG GEARBOX W/
HAND WHEEL OR
HAND CRANK
OPTION



ELECTRIC
ACTUATOR
OPTION

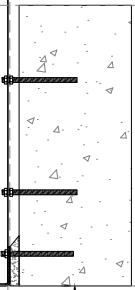
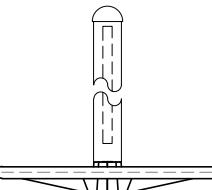


MANUAL
HANDWHEEL
BEARING LIFT

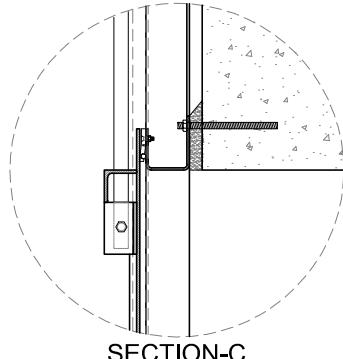


TOP OF WALL

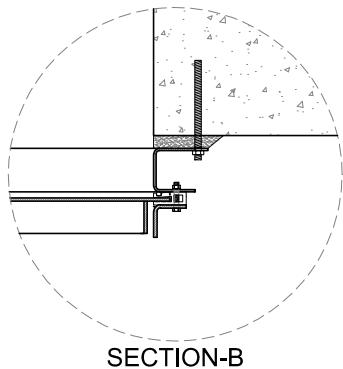
INVERT ELEV



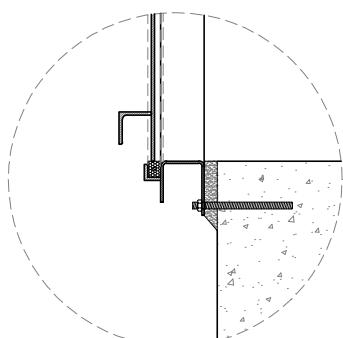
OPENING
HEIGHT



SECTION-C



SECTION-B



SECTION-A

DETAIL TITLE #:

UHO-10-AL-P-FB-Y SLIDE GATE

REVISION #:

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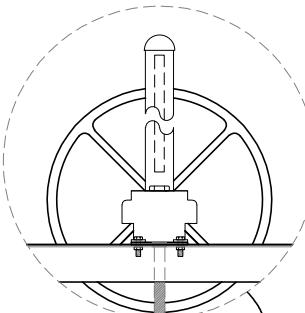
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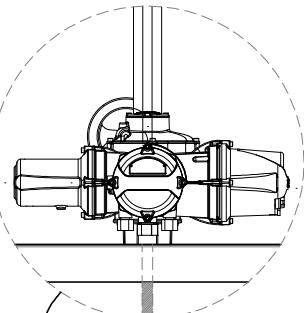
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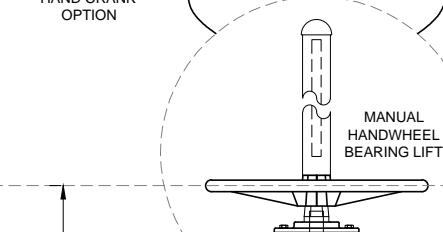
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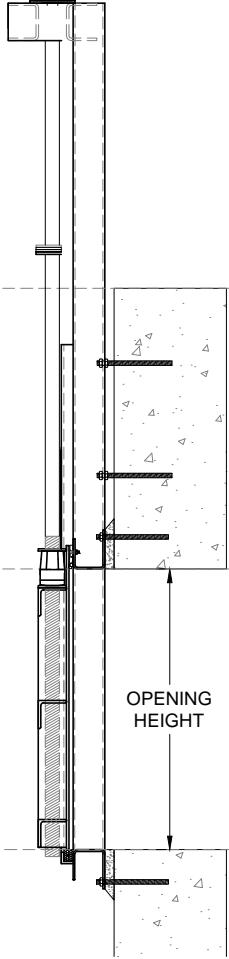
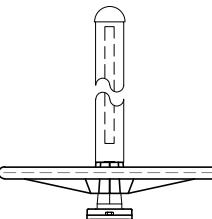
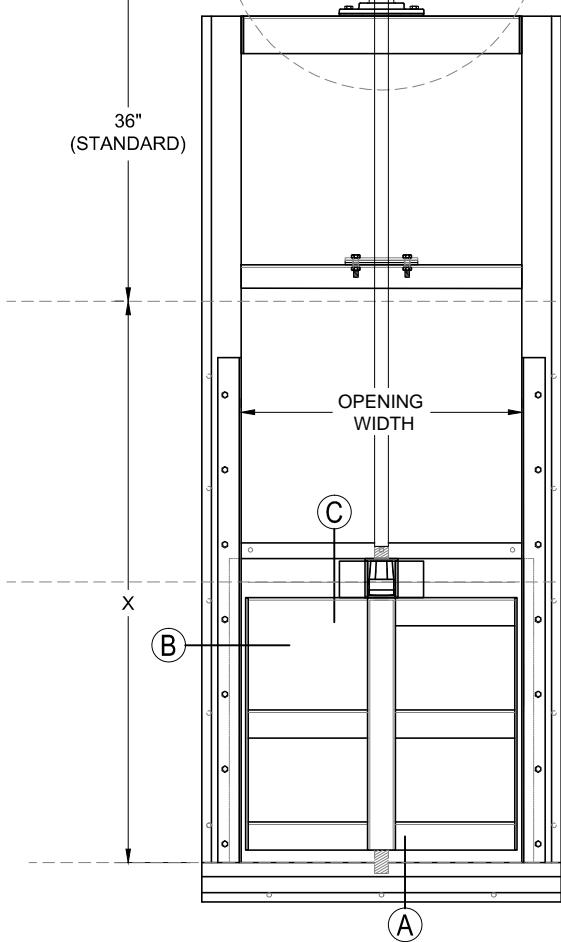
90 DEG
GEARBOX W/
HAND WHEEL OR
HAND CRANK
OPTION



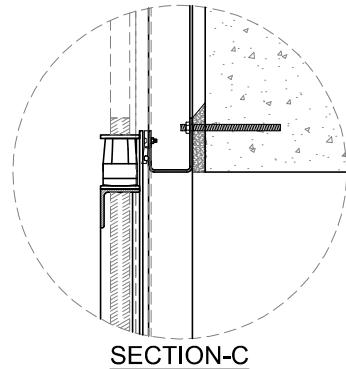
ELECTRIC
ACTUATOR
OPTION



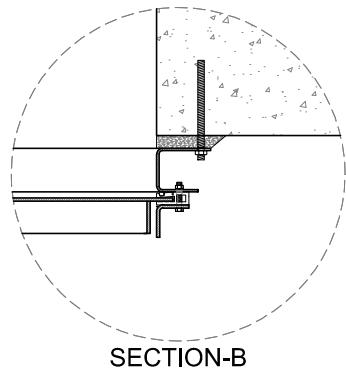
MANUAL
HANDWHEEL
BEARING LIFT



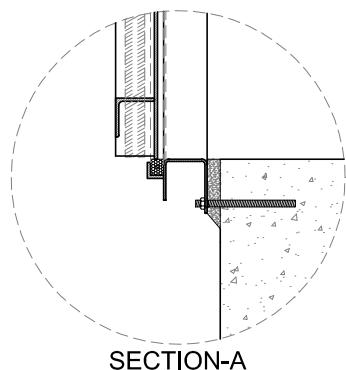
OPENING
HEIGHT



SECTION-C



SECTION-B



SECTION-A

DETAIL TITLE #:

**UHO-10-AL-P-FB-Y-NRS
SLIDE GATE**

REVISION #:

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JOB NO.

N/A

QUOTE ITEM NUMBER:

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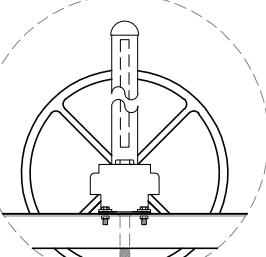
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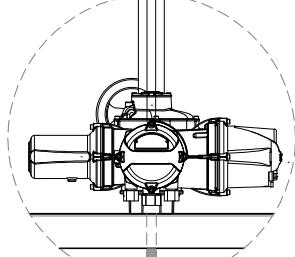
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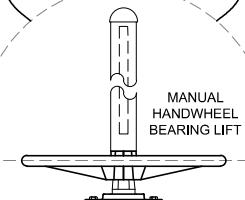
UHO-10-AL



90 DEG
GEARBOX W/
HAND WHEEL OR
HAND CRANK
OPTION



ELECTRIC
ACTUATOR
OPTION



MANUAL
HANDWHEEL
BEARING LIFT

36"
(STANDARD)

TOP OF WALL

OPENING
HEIGHT

INVERT EL.

OPENING
WIDTH

SECTION-C

DOWNTWARD OPENING WEIR
WITH NO TOP SEAL

SECTION-C

DOWNTWARD OPENING WEIR
WITH TOP SEAL

SECTION-B

SECTION-A

DETAIL TITLE #:

UHO-10-AL-P-FB-Y-DO
SLIDE GATE

REVISION #:

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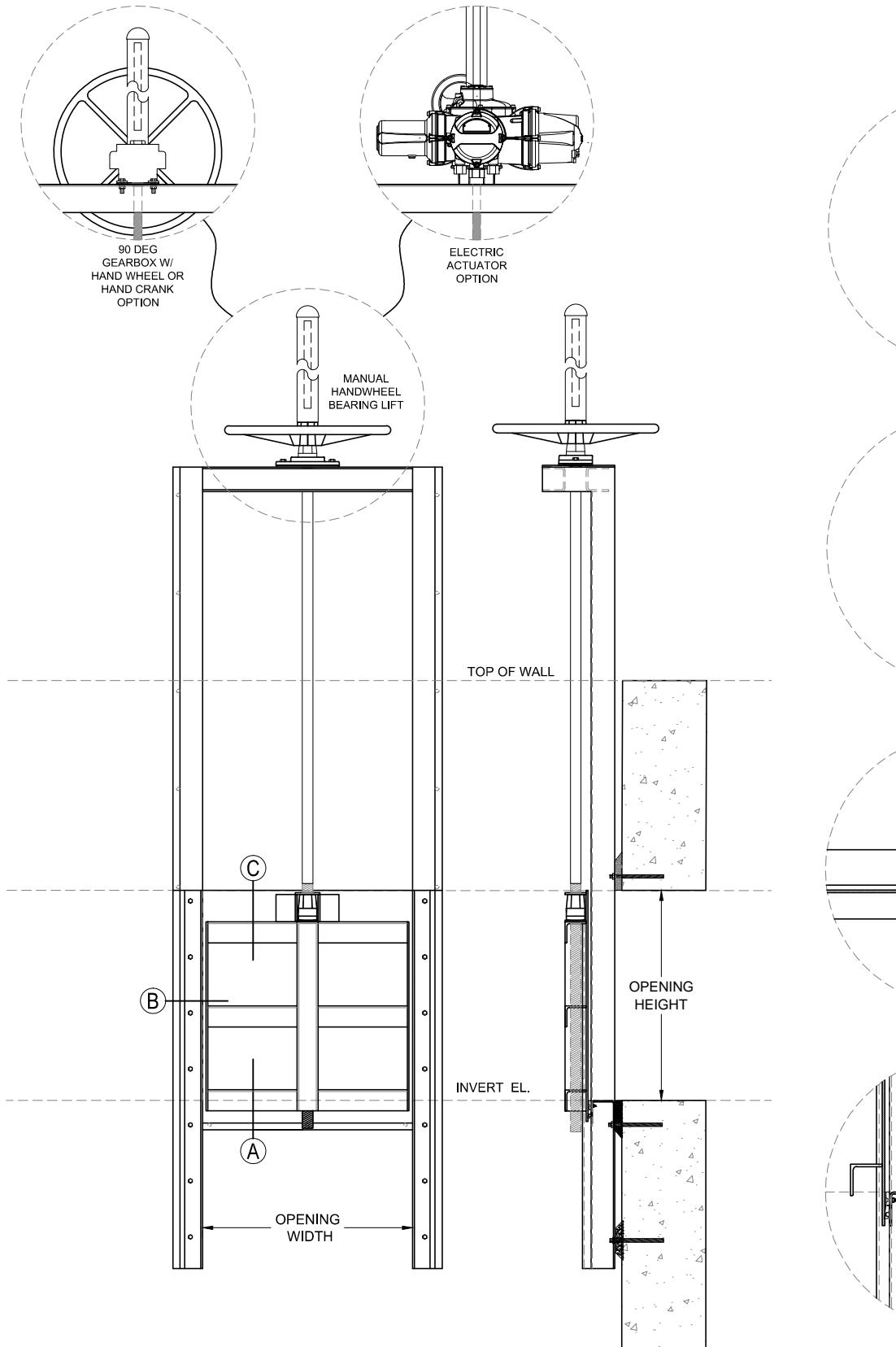
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DETAIL TITLE #:

UHO-10-AL-P-FB-Y-DO-NRS SLIDE GATE



PROJECT:

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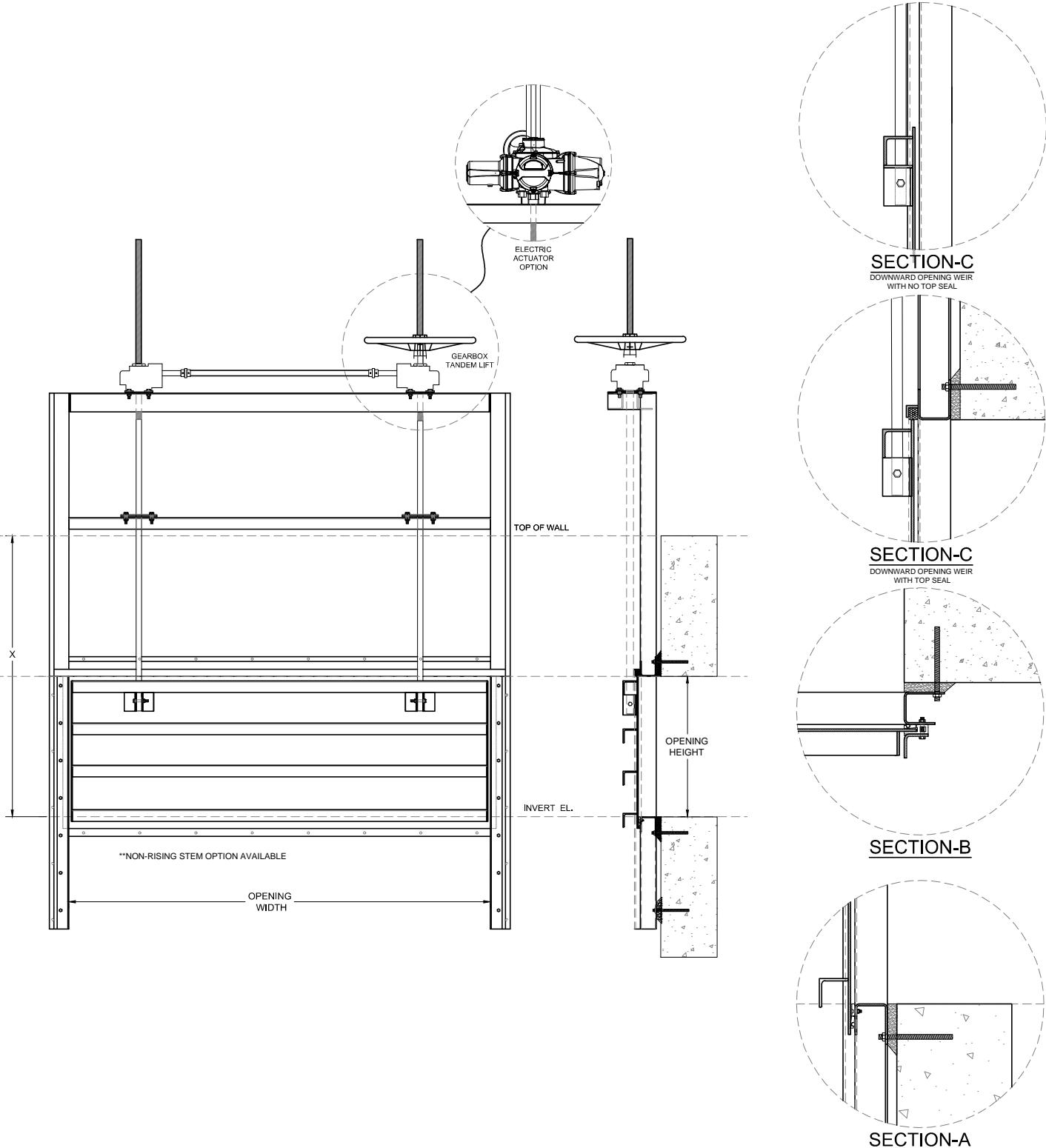
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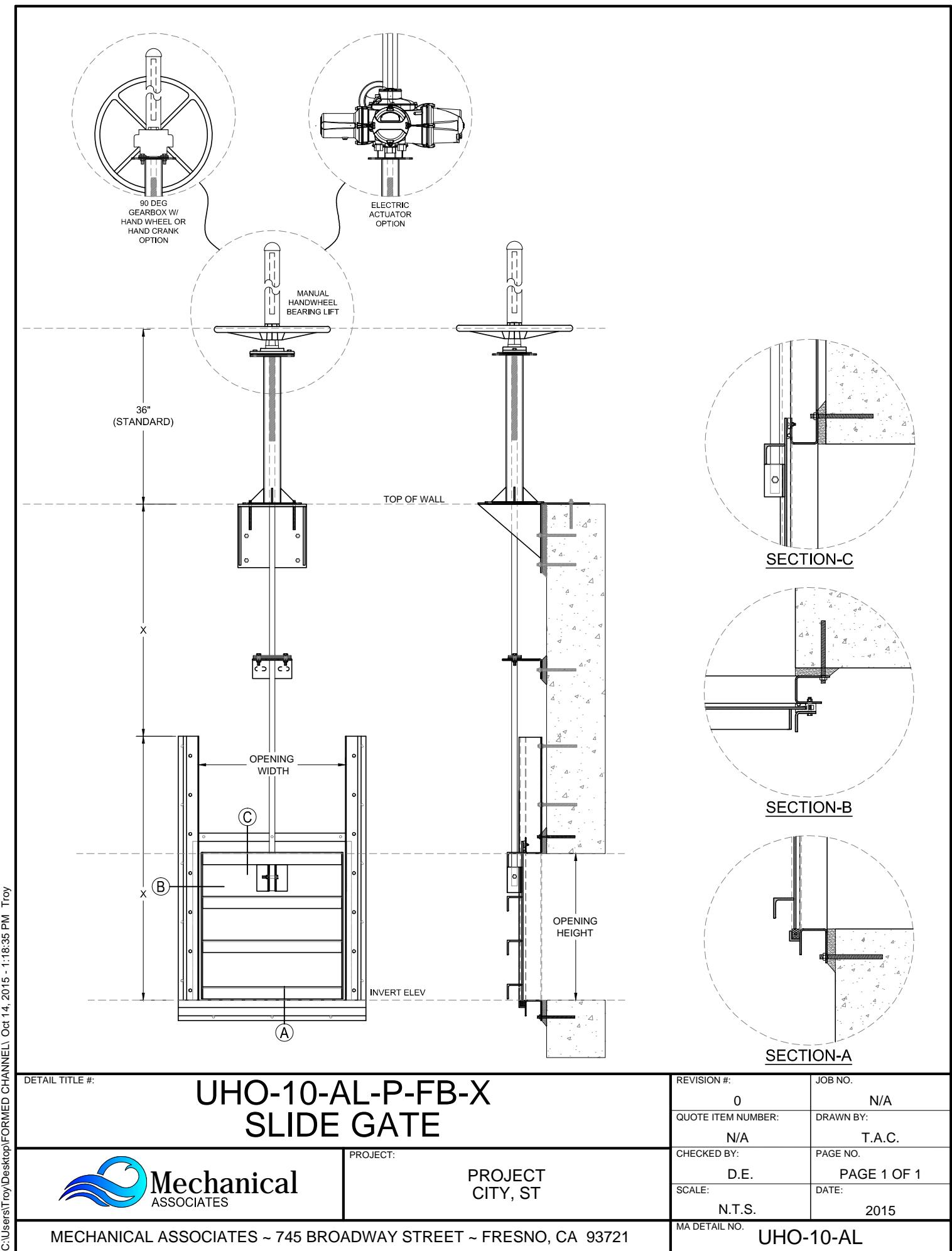
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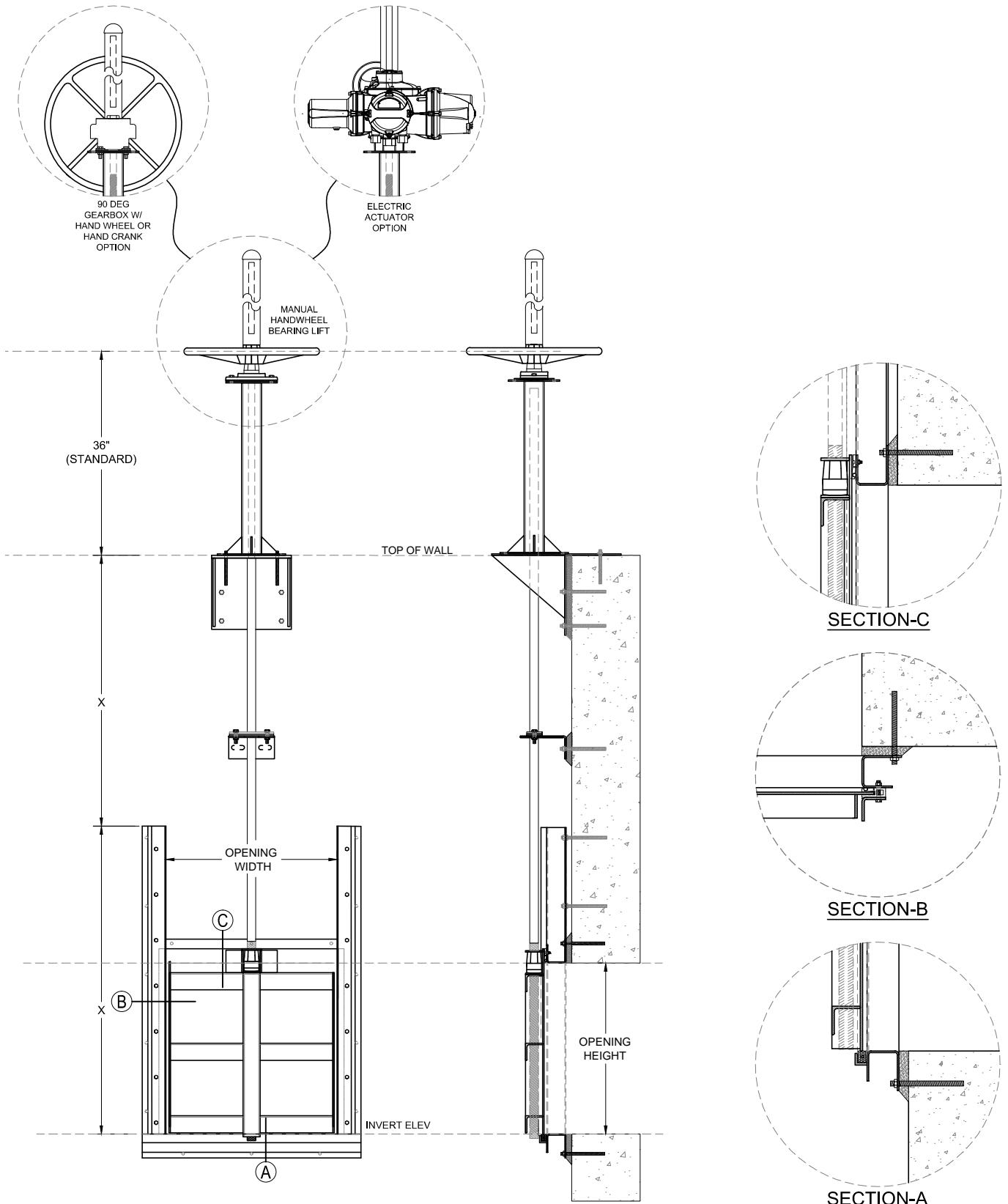
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UHO-10-AL-P-FB-X-NRS SLIDE GATE

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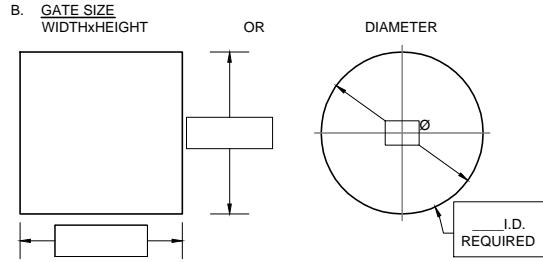
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CITY, ST

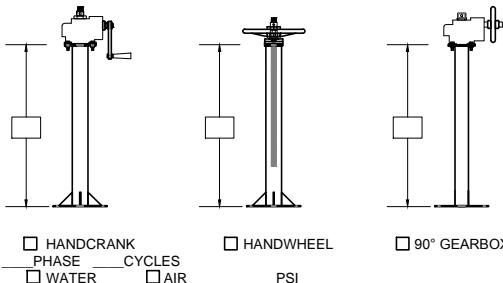
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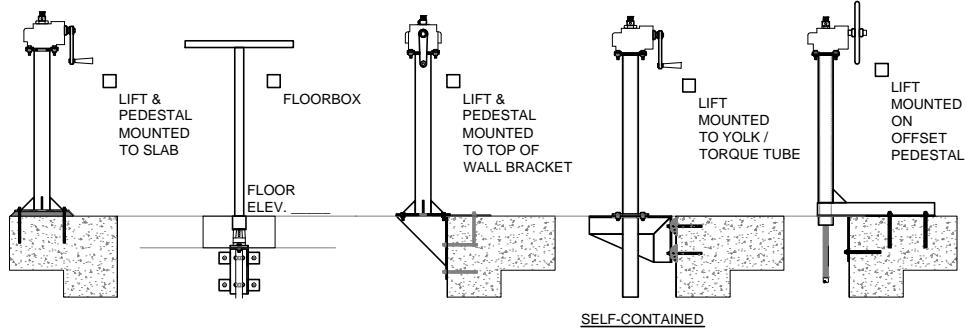


C. HOIST REQUIREMENTS

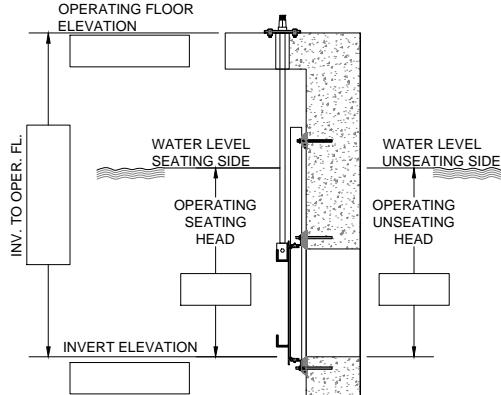


- STEM COVER
 CLEAR PLASTIC
 METAL
- POSITION INDICATOR
 MYLAR STRIP
 COUNTER
 DIAL
- RISING STEM
 NON-RISING STEM
 DOWNWARD OPENING (WEIR)

D. LIFT MOUNTING

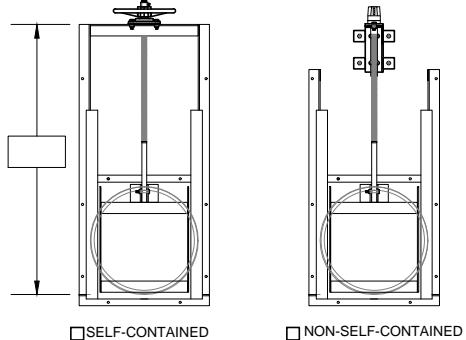


E. GATE DESIGN REQUIREMENTS



F. MISCELLANEOUS

- GATE MOUNTING TYPE
 CHANNEL MOUNT
 WALL MOUNT
 WEIR (DOWNWARD OPENING)
 J BULB SEALS
 UHMW BEARING STRIPS
 GROUTLESS GASKET
- EXISTING STRUCTURE
 NEW STRUCTURE
- DESIGN HEAD _____ SEATING _____ UNSEATING
(DIFFERENT THAN OPERATING HEAD INDICATED)
- INVERT OF GATE IS FLUSH WITH INVERT OF STRUCTURE



DETAIL TITLE #:

UHO-10-AL CONFIGURATION SELECTION GUIDE



Mechanical
Associates

PROJECT:

PROJECT
CITY, ST

REVISION #:

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T.A.C.

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D.E.

PAGE 1 OF 1

SCALE:

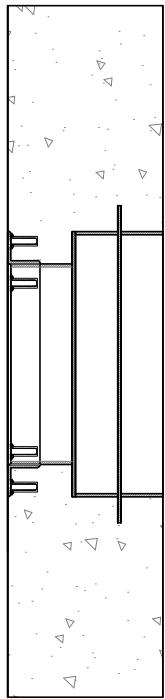
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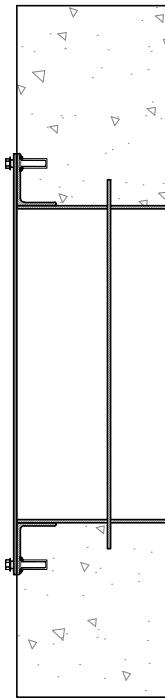
2015

MA DETAIL NO.

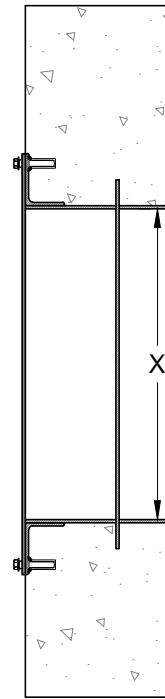
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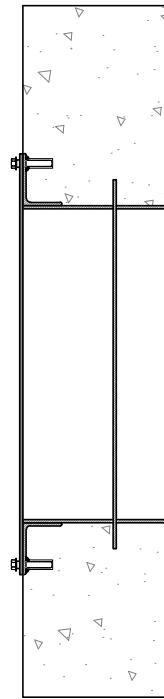
CUSTOM
WALL THIMBLE



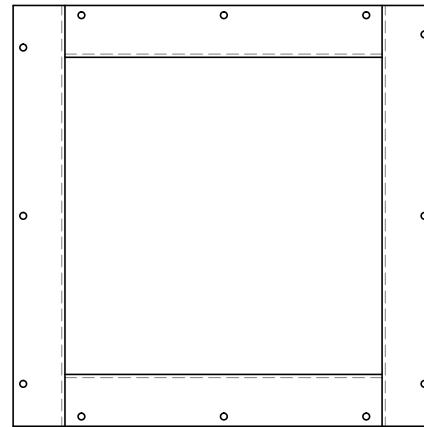
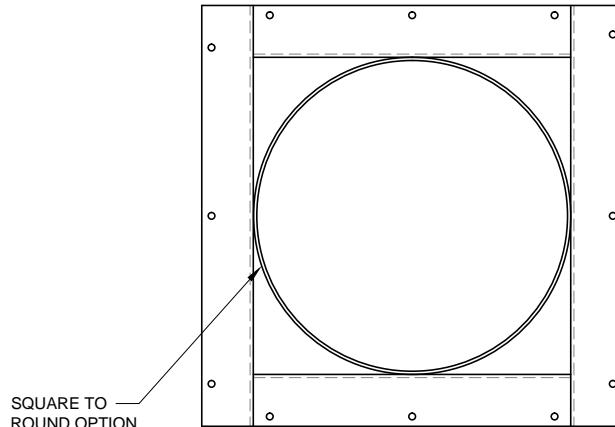
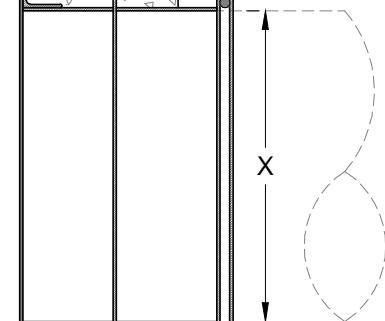
TYPE "E"
WALL THIMBLE



TYPE "F"
WALL THIMBLE



TYPE "MJ"
WALL THIMBLE



WALL THIMBLES

DETAIL TITLE #:

**UHO-10-AL
WALL THIMBLES**

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DATE:

2015



Mechanical
ASSOCIATES

PROJECT:

PROJECT
CITY, ST

MECHANICAL ASSOCIATES ~ 745 BROADWAY STREET ~ FRESNO, CA 93721

MA DETAIL NO.

UHO-10-AL

Mechanical Associates: Past Projects and References

Note: Gate sizes and application usage (Depending on head pressures, gates sizes can vary in the three categories)

Light Duty: 4"-30" Circular Opening Gate Sizes

Medium Duty: 31"-60" Circular Opening Gate Sizes

Heavy Duty: 61" and Up Circular Opening Gate Sizes

Light Duty: 3"x 3" -30"x30" Square Opening Gate Sizes

Medium Duty: 31"x31" -60"x60" Square Opening Gate Sizes

Heavy Duty: 61"x61" and Up Square Opening Gate Sizes

Seals:

UHMW-PE: Ultra High Molecular Weighted Polyethylene (P)

J-Bulb: D 2000 Neoprene (J)

Flush Bottom Seal: D 2000 Neoprene (FBS)

(Project Specifics available upon request)

1	Project:	Emerald Trunk Sewer Relief	Location:	Modesto, CA 95353	
	Product Type:	Bulkhead Gates	Contractor:	McGuire & Hester	(510)- 632-7676
	Seal Type:	P, FBS	Engineer:	Carollo /North Star Engineering Group	(209)- 524-3525
	Equipment:	(5) Heavy Duty	Owner:	City of Modesto	
2	Project:	Sweetster	Location:	Dayton, OH 45414	
	Product Type:	DO Weir	Contractor:	R.G. Zachrich Construction, Inc.	(419) 782-7846
	Seal Type:	P, FBS	Engineer:		
	Equipment:	(2) Medium Duty	Representative :	WP Kolens	(440) 262-3163
3	Project:	Marcy's Orchard (Buy America Certs)	Location:	Orem, UT 84057	
	Product Type:	Slide Gates	Contractor:	Geneva Pipe Company	(801) 225-2416
	Seal Type:	J	Engineer:		
	Equipment:	(3) Light Duty	Owner:		
4	Project:	Walnut Creek Gun Club	Location:	Fairfield, CA 94534	
	Product Type:	Flap Gate	Contractor:		
	Seal Type:	J	Engineer:	California Waterfowl Association	(916) 275-1007
	Equipment:	(1) Medium Duty	Owner:		
5	Project:	GIWA Ponds 7-8	Location:	Suisun City, CA 94585	
	Product Type:	Flap Gate	Contractor:		
	Seal Type:	J	Engineer:	California Waterfowl Association	(916) 275-1007
	Equipment:	(1) Medium Duty	Owner:		

6	Project:		Location:	Palatka, FL 32177
	Product Type:	Slide Gate	Contractor:	
	Seal Type:	J	Engineer:	
	Equipment:	(2) Medium Duty	Owner:	St. Johns River Water Management District (386) 329-4313
7	Project:	GIWA Ponds 5-8	Location:	Suisun City, 94585
	Product Type:	Slide Gate	Contractor:	
	Seal Type:	J	Engineer:	California Waterfowl Association (916) 275-1007
	Equipment:	(2) Medium Duty	Owner:	
8	Project:	Dublin San Ramon Service District (Vactor Receiving Station)	Location:	Dublin, CA 94568
	Product Type:	Slide Gate, DO Weir Gate	Contractor:	JMB Construction Inc.
	Seal Type:	J, P, FBS	Engineer:	Sean Quinn Carollo
	Equipment:	(2) Medium Duty w/ Wall Thimbles	Owner:	Dublin San Ramon Service District (925) 828- 0515
9	Project:	City of North Pole	Location:	Fairbanks, AK 99701
	Product Type:	DO Weir	Contractor:	Ferguson Fairbanks # 3022 Tim Balty
	Seal Type:	J	Engineer:	
	Equipment:	(2) Medium Duty	Owner:	WPCC (866) 641-7330
10	Project:	North Port	Location:	North Port, AL 35473
	Product Type:	Slide Gate	Contractor:	Ferguson Doug Pugh (205) 361-4289
	Seal Type:	J	Engineer:	
	Equipment:	(1) Light Duty	Owner:	
11	Project:		Location:	Lantana, FL 33462
	Product Type:	Slide Gate	Contractor:	Contech Engineered Solutions Jacob Waugh (713) 377-0386
	Seal Type:	J	Engineer:	
	Equipment:	(1) Medium Duty	Owner:	
12	Project:	High Speed Rail Improvements (Cal Trans Project)	Location:	Madera, CA
	Product Type:	Slide Gates Dual Leaf Slide Gates	Contractor:	Clark Bros Inc. (209) 392-6144
	Seal Type:	J, P	Engineer:	
	Equipment:	(3) Light Duty (3) Medium Duty (3) Heavy Duty	Owner:	Madera Irrigation District Sean Smith (559) 673- 3514

13	Project:	Eagle Point	Location:	Philadelphia, PA 19129
	Product Type:	Slide Gate	Contractor:	
	Seal Type:	J	Engineer:	
	Equipment:	(1) Light Duty (2) Medium Duty	Representative	A & E Associates Asher Tingle (302) 324-5355
14	Project:	Ephraim City Wastewater Improvements	Location:	Ephraim City, UT 84627
	Product Type:	Sluice Gates	Contractor:	Terry R. Brotherson Excavating, Inc.
	Seal Type:	J, P	Engineer:	Kerry (435) 469-1248 Jones & DeMille Engineering, Inc.
	Equipment:	(4) Medium Duty	Owner:	(800) 748- 8575 City of Ephraim
15	Project:	Peacock Dam	Location:	Pinellas Park, FL 33781
	Product Type:	Slide Gate	Contractor:	Contech Engineered Soulitions
	Seal Type:	P	Engineer:	Crissy Sackle (800) 338-1122
	Equipment:	(1) Light Duty	Owner:	
16	Project:	Washougal Wastewater Treatment Plant	Location:	Washougal, WA 98671
	Product Type:	Sluice Gates, DO Weir Gates, Tandem	Contractor:	Slayden Construction Group Inc./ Ferguson
	Seal Type:	P, FBS	Engineer:	(360) 258-2166 Brown & Caldwell
	Equipment:	(1) Light Duty (4) Medium Duty (4) Medium Tanden Duty (2) Heavy Duty	Owner:	City of Washougal
17	Project:	Midland Scanner	Location:	Northport, AL 35476
	Product Type:	Sluice Gates	Contractor:	Ferguson
	Seal Type:	P	Engineer:	(205) 361-4289
	Equipment:	(1) Heavy Duty	Owner:	
18	Project:	Habitat Restoration (Delaware Bayshore)	Location:	Smynra, De 19977
	Product Type:	Combination Gate	Contractor:	State of Delaware- Division of Fish & Wildlife
	Seal Type:	J	Engineer:	(302) 735-3601
	Equipment:	(1) Heavy Duty	Owner:	

19	Project:		Location:	Port Allen, LA 70767
	Product Type:	Slide Gate	Contractor:	Marchand Construction
	Seal Type:	J	Engineer:	
	Equipment:	(2) Light Duty	Representative	Coastal Culvert (337) 546-6887
20	Project:	Augmentation Pond Intake Relocation	Location:	Fraser, CO 80442
	Product Type:	Slide Gate	Contractor:	
	Seal Type:	J, P	Engineer:	
	Equipment:	(1) Medium Duty	Owner:	Winter Park Rach Water District Jim Fox (970) 726-8691
22	Project:	Morongo Band Of Mission Indians WTP Improvements	Location:	Cabazon, CA 92230
	Product Type:	Stop Gates	Contractor:	Pacific Hydrotech Corporation Sean Finnegan (951) 943-8803
	Seal Type:	P	Engineer:	Webb & Associates (760) 568-5005
	Equipment:	(7) Medium Duty	Owner:	Morongo Band Of Mission Indians
23	Project:	Eastside Water Bank Site Facilities	Location:	
	Product Type:	NRS DO Weir, NRS Sluice gate	Contractor:	Nicholas Construction Alex Silicz (661) 619-7417
	Seal Type:	P	Engineer:	Kennedy/ Jenks Consultants
	Equipment:	(2) Light Duty (1) Medium Duty (3) Heavy Duty	Owner:	East Kern Water Agency
24	Project:	Planada Wastewater Treatment Plant	Location:	LeGrand, CA 95365
	Product Type:	Sluice Gates, Slide Gates, Weir Gates, Flap Gates	Contractor:	Clark Bros, Inc. (209) 392-6144
	Seal Type:	J, P, FBS	Engineer:	AM Consulting Engineers
	Equipment:	(24) Medium Duty (6) Heavy Duty (1) Flap Gate	Owner:	Planada Service District
25	Project:	Palm Meadows Estates	Location:	Boca Raton, FL 33434
	Product Type:	In Channel Sluice Gate	Contractor:	U.S. Custom Fab Lyn Campbell (954) 917-6161
	Seal Type:	P, FBS	Engineer:	
	Equipment:	(1) Heavy Duty	Owner:	