

FC-SS SERIES

STAINLESS STEEL SLIDE GATE

SELECTION GUIDE

SEAL TYPE

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

MATERIAL OPTIONS

- £ 304 S.S. TYPE: _____
- £ 316 S.S. TYPE: _____

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

FC-SS-P-EMB-Y-DO-NRS

SERIES DESIGNATION:
FC - FORMED CHANNEL

MATERIAL:
SS- STAINLESS STEEL
(304 OR 316 OR PER SPEC)

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: FC-SS-_____

DETAIL TITLE #:

**STAINLESS STEEL
SLIDE GATE (FC-SS)**

REVISION #:

0

JOB NO.

N/A

QUOTE ITEM NUMBER:

N/A

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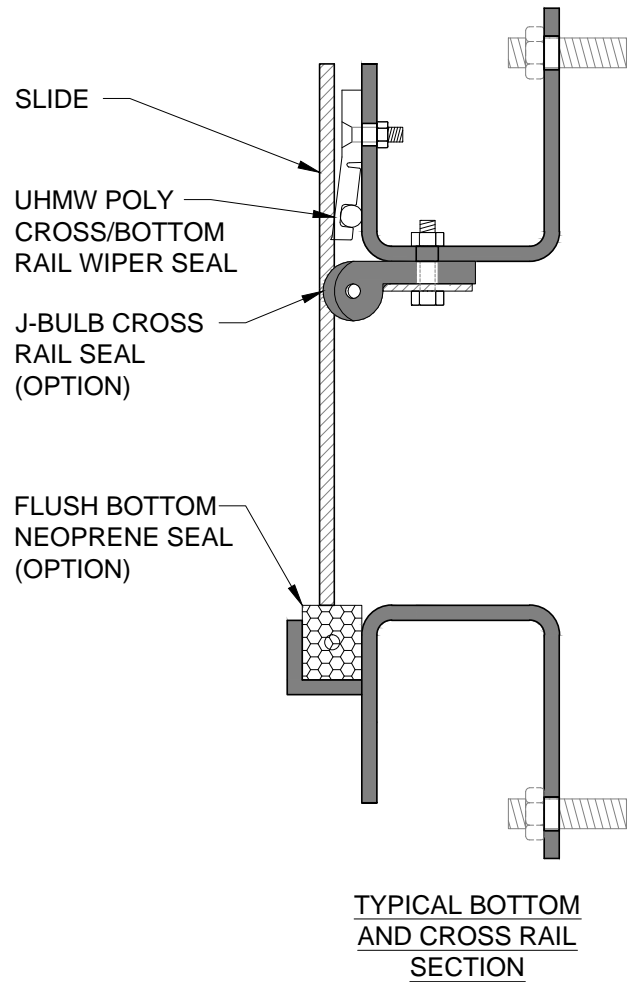
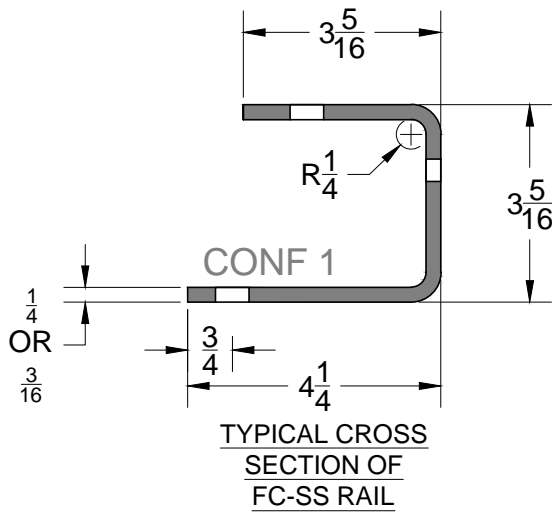
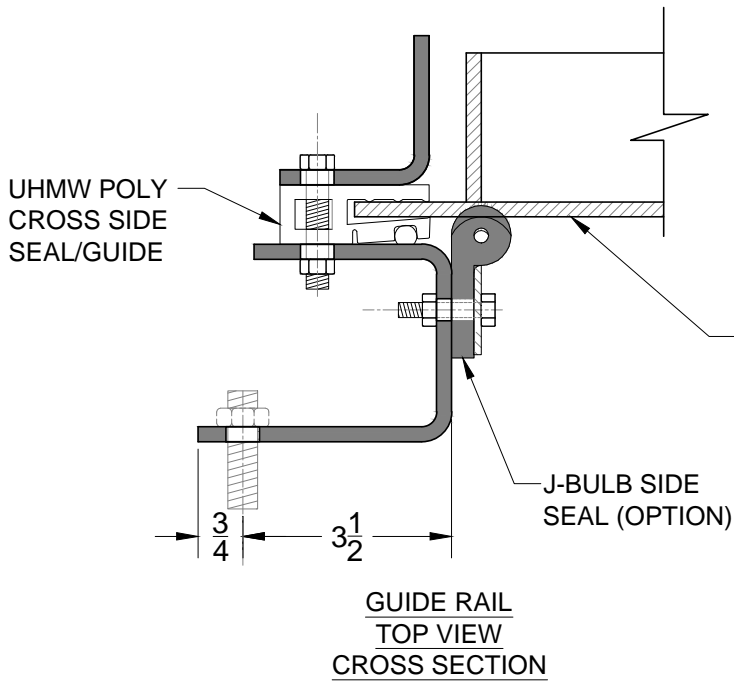
FC-SS



PROJECT:

PROJECT
CITY, ST

MECHANICAL ASSOCIATES ~ 745 BROADWAY STREET ~ FRESNO, CA 93721



DETAIL TITLE #:

FORMED CHANNEL S.S. RAIL CONFIGURATION-(FC-1)



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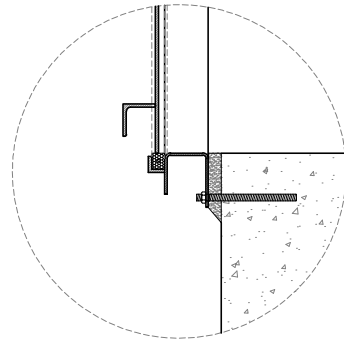
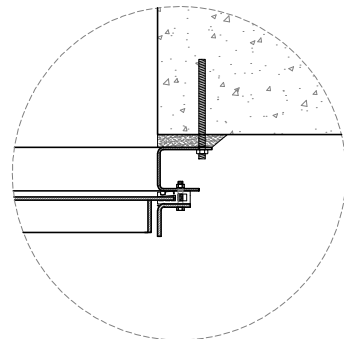
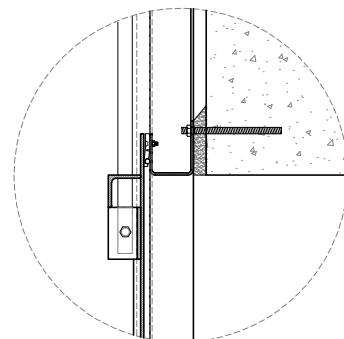
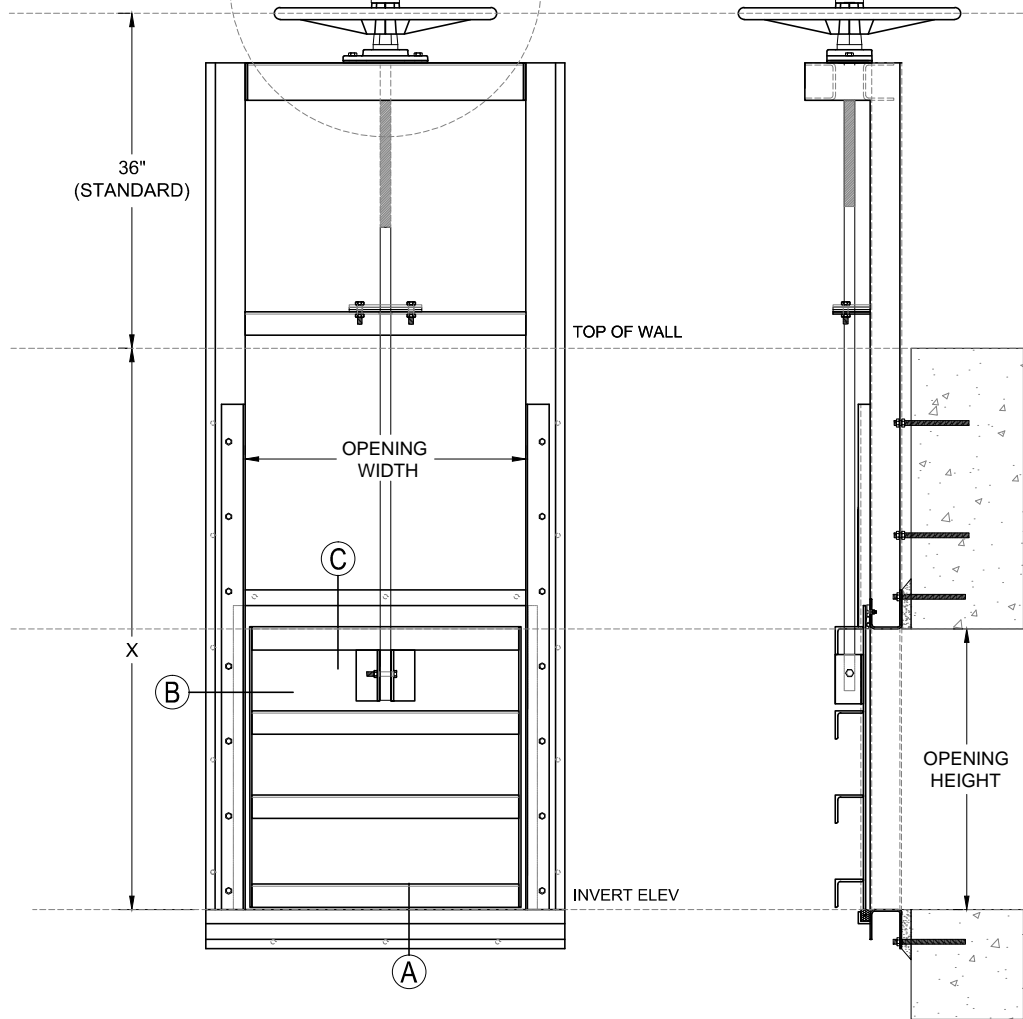
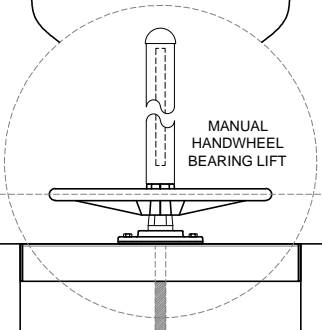
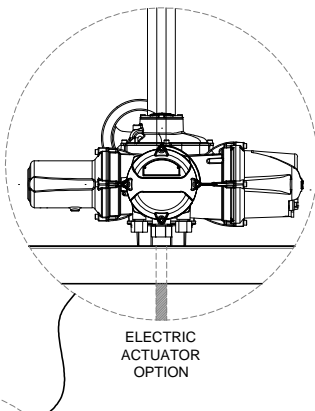
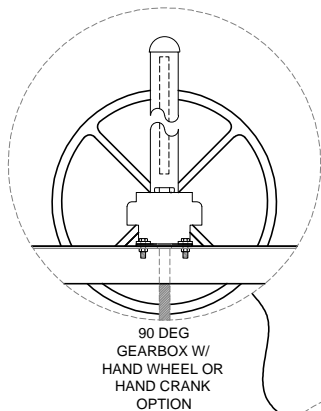
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MA DETAIL NO.

FC-SS



DETAIL TITLE #:

FC-SS-P-FB-Y SLIDE GATE (FC-SS)



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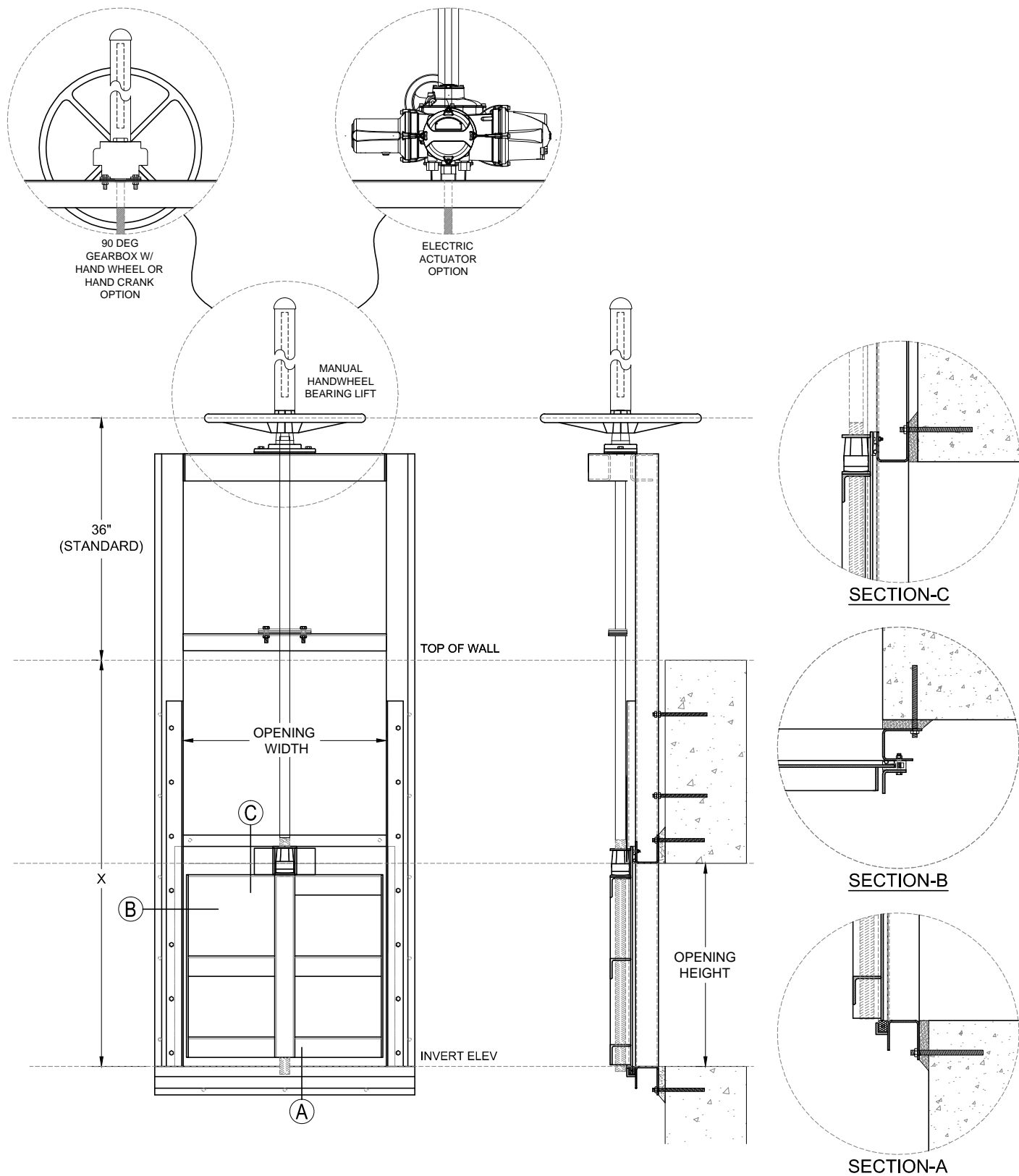
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FC-SS-P-FB-Y-NRS SLIDE GATE (FC-SS)



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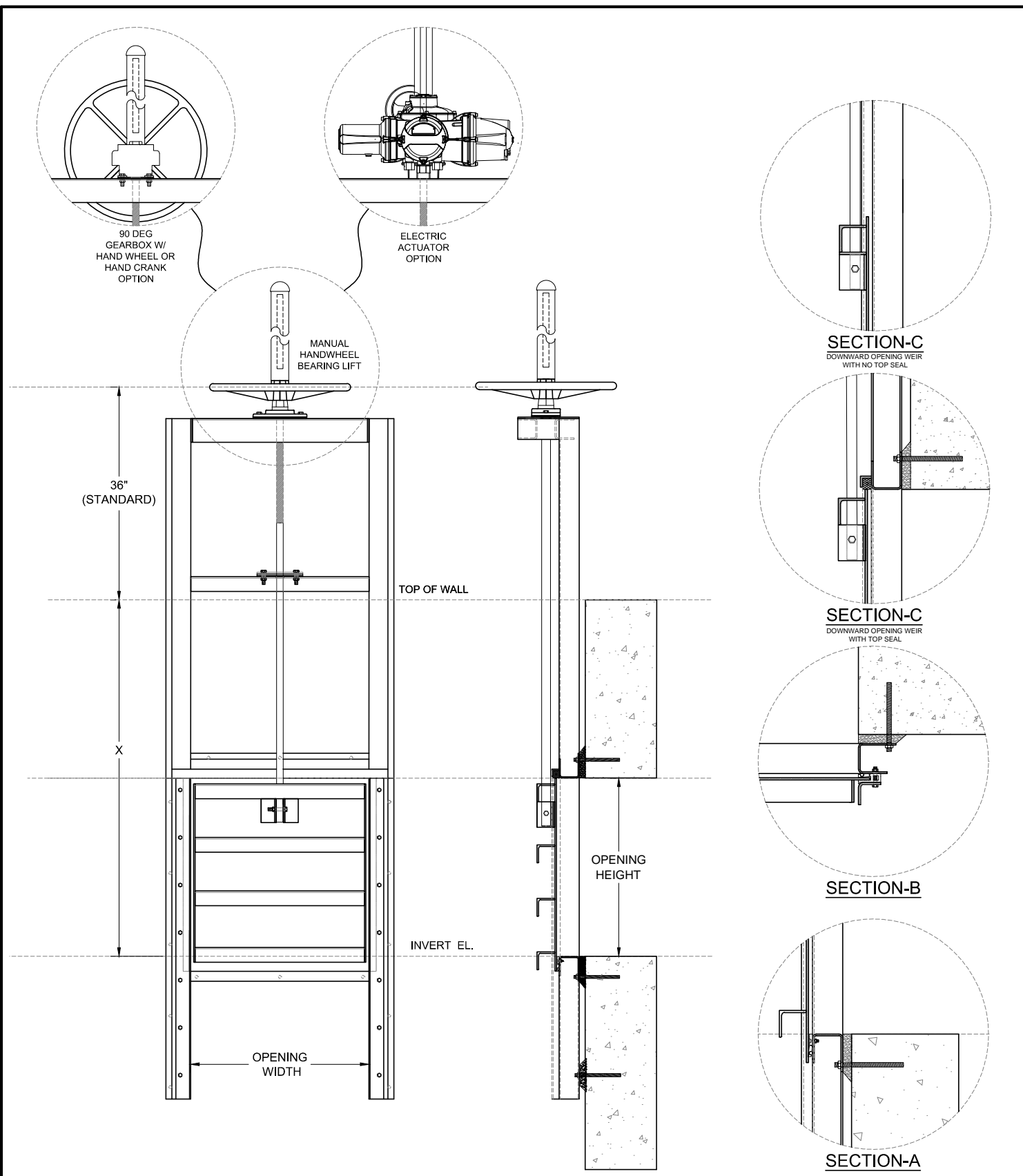
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FC-SS

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FC-SS-P-FB-Y-DO SLIDE GATE (FC-SS)



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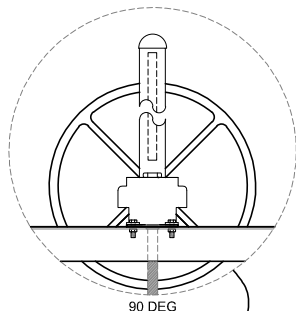
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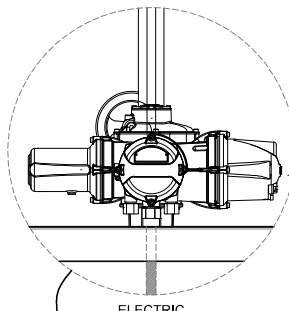
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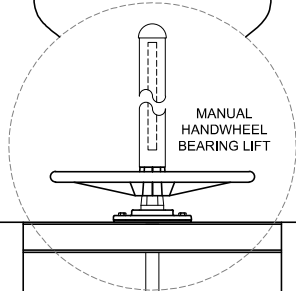
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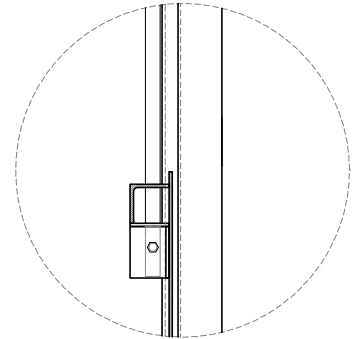
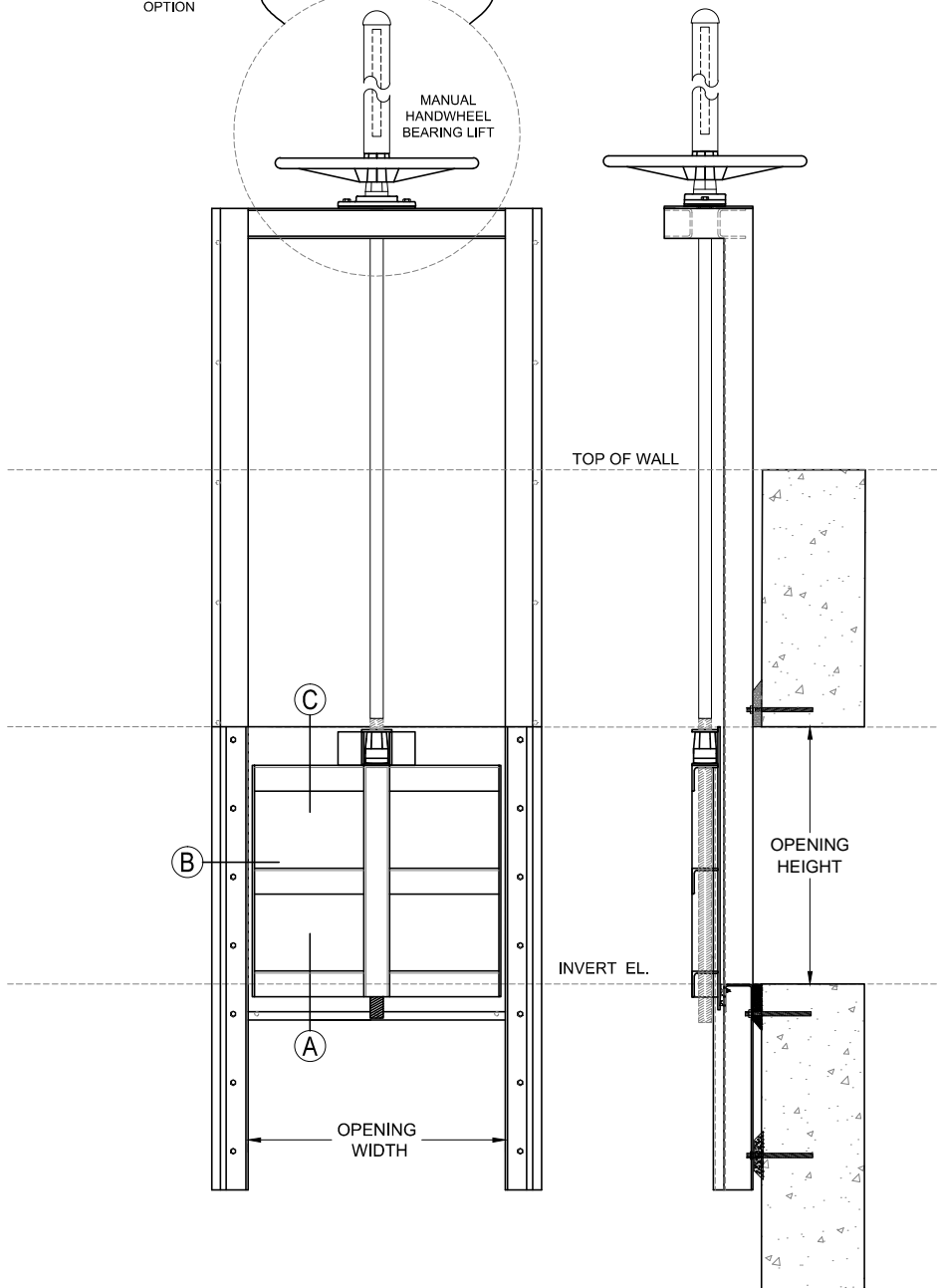
90 DEG
GEARBOX W/
HAND WHEEL OR
HAND CRANK
OPTION



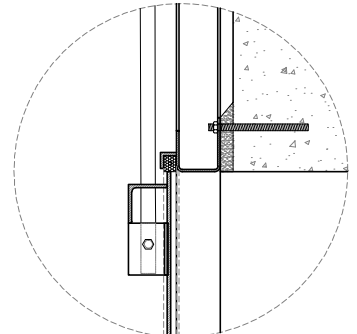
ELECTRIC
ACTUATOR
OPTION



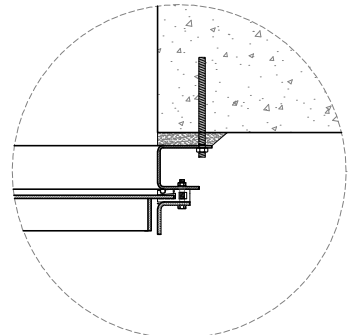
MANUAL
HANDWHEEL
BEARING LIFT



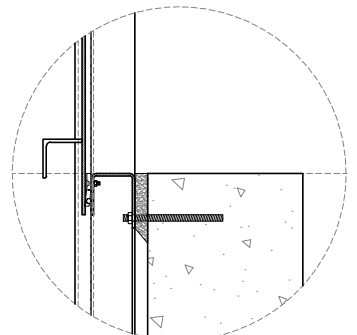
SECTION-C
DOWNWARD OPENING WEIR
WITH NO TOP SEAL



SECTION-C
DOWNWARD OPENING WEIR
WITH TOP SEAL



SECTION-B



SECTION-A

DETAIL TITLE #:

FC-SS-P-FB-Y-DO-NRS SLIDE GATE (FC-SS)



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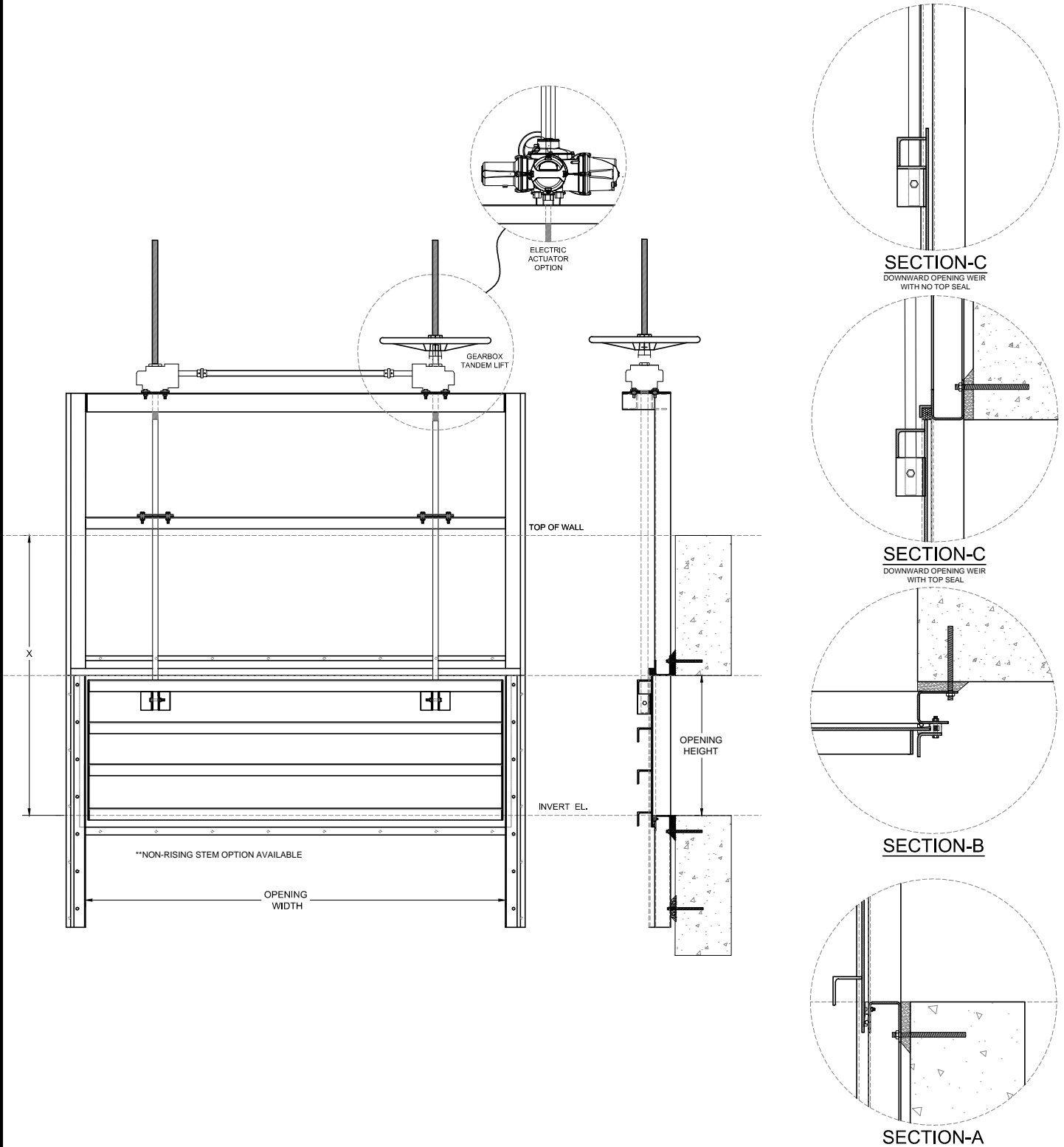
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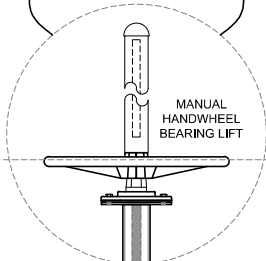
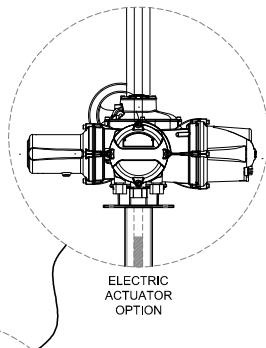
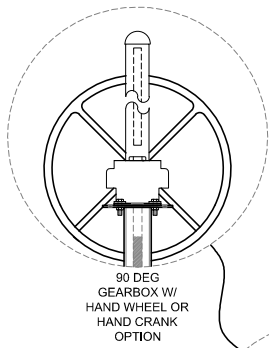
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PROJECT:		PROJECT			
		CITY, ST			



36"
(STANDARD)

TOP OF WALL

X

OPENING
WIDTH

C

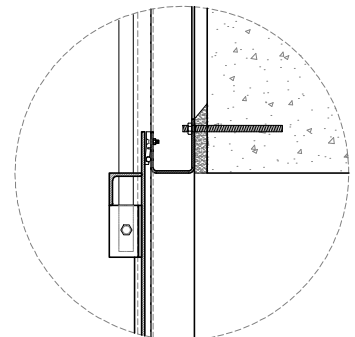
X

B

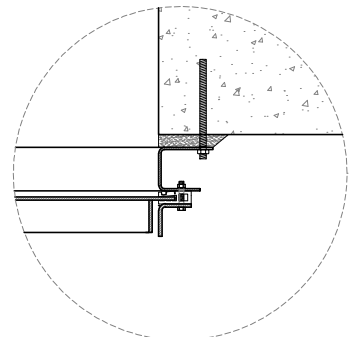
INVERT ELEV

A

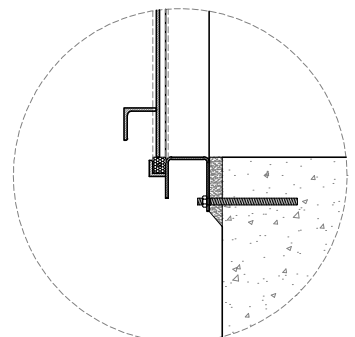
OPENING
HEIGHT



SECTION-C



SECTION-B



SECTION-A

DETAIL TITLE #:

FC-SS-P-FB-X SLIDE GATE (FC-SS)



PROJECT:

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REVISION #:

0

JOB NO.

N/A

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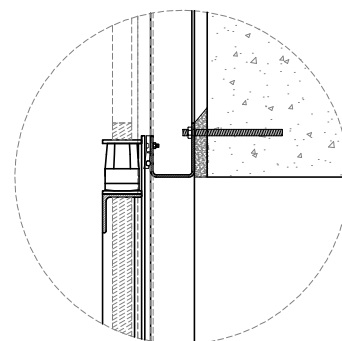
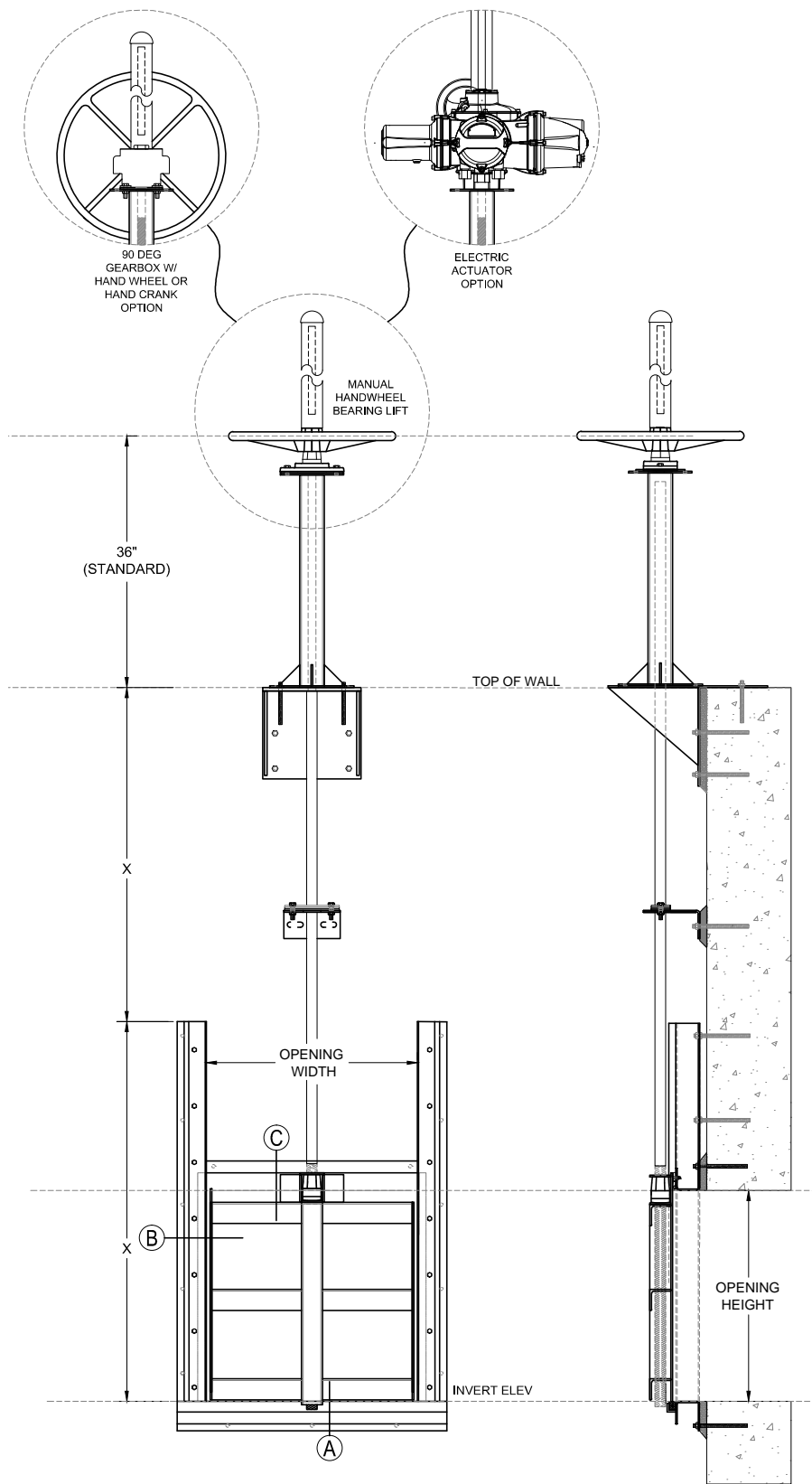
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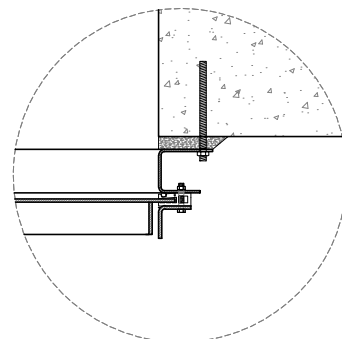
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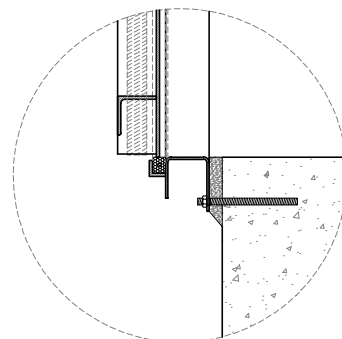
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SECTION-C



SECTION-B



SECTION-A

DETAIL TITLE #:

FC-SS-P-FB-X-NRS SLIDE GATE (FC-SS)



PROJECT:

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MECHANICAL ASSOCIATES ~ 745 BROADWAY STREET ~ FRESNO, CA 93721

REVISION #:

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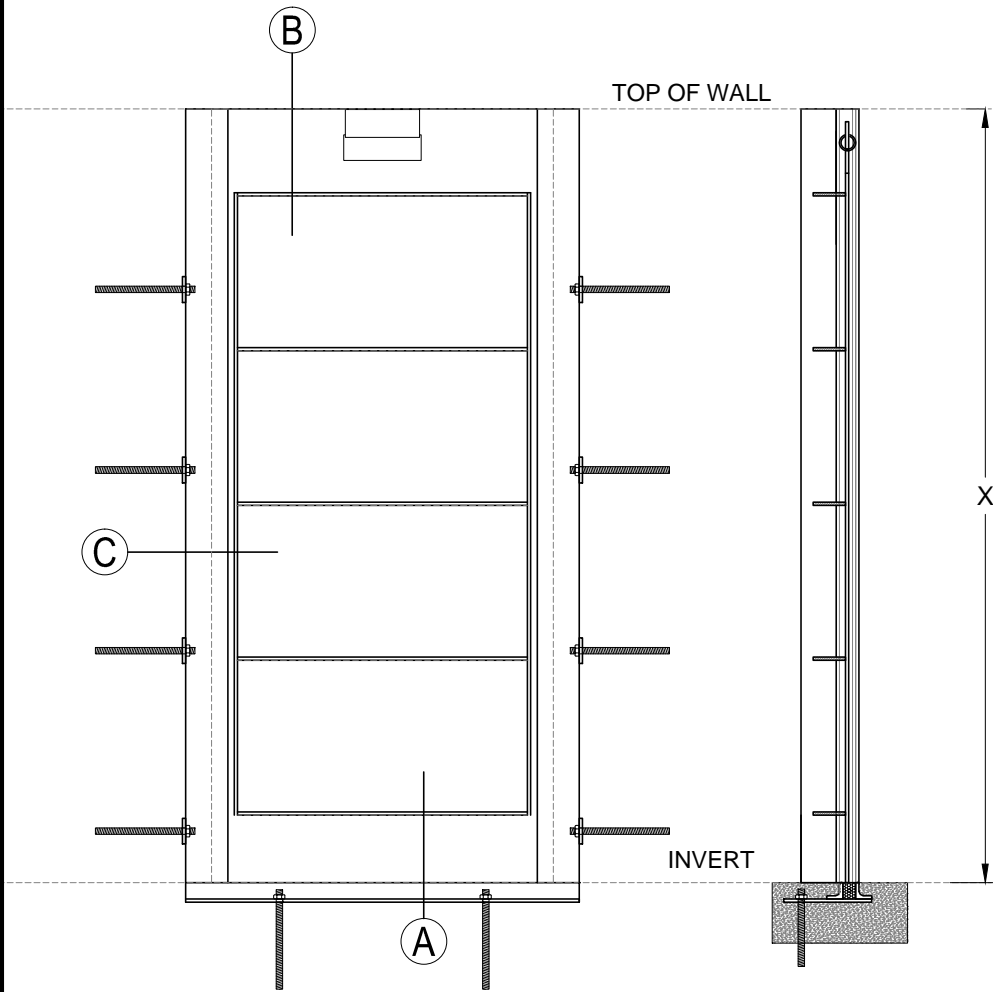
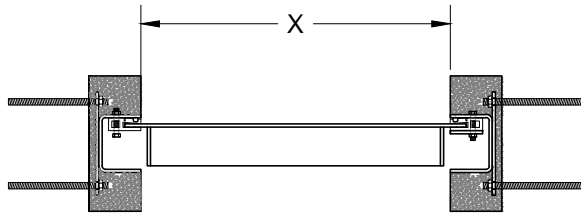
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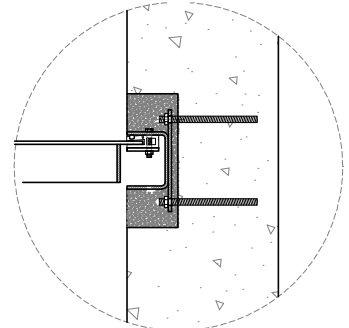
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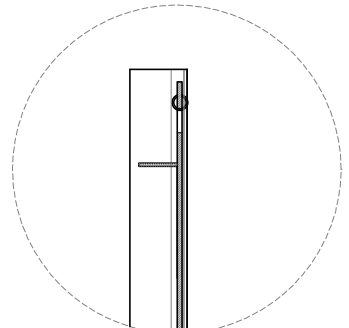
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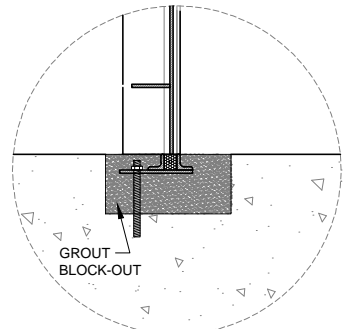
EMBEDDED MOUNTING SHOWN
SEE TYPICAL MOUTING
CONFIGURATIONS FOR OPTIONS



SECTION-C



SECTION-B



SECTION-A
EMBEDDED

DETAIL TITLE #:

FC-SS-SG STOP GATE

REVISION #:

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QUOTE ITEM NUMBER:

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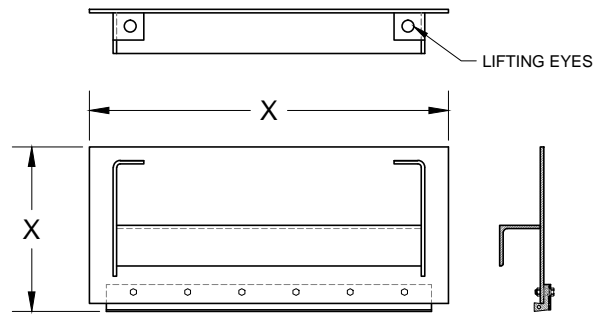
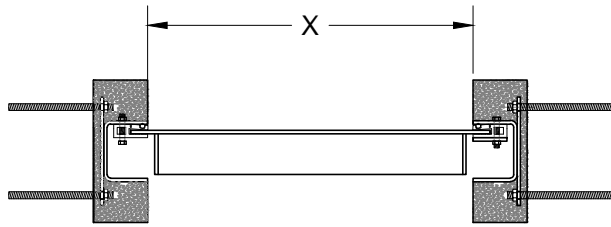
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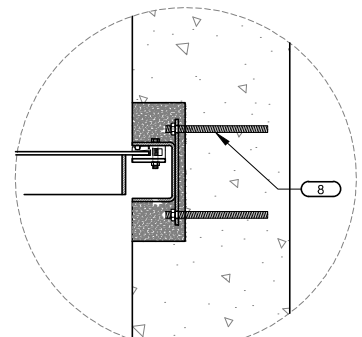
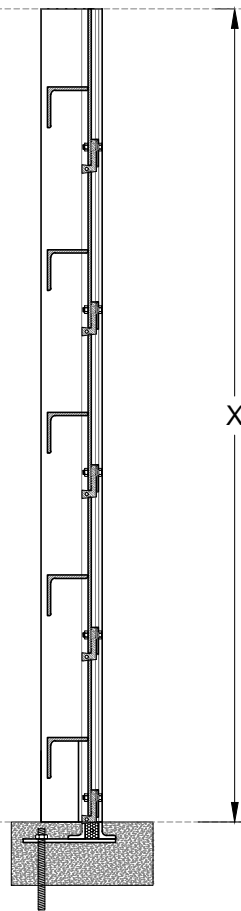
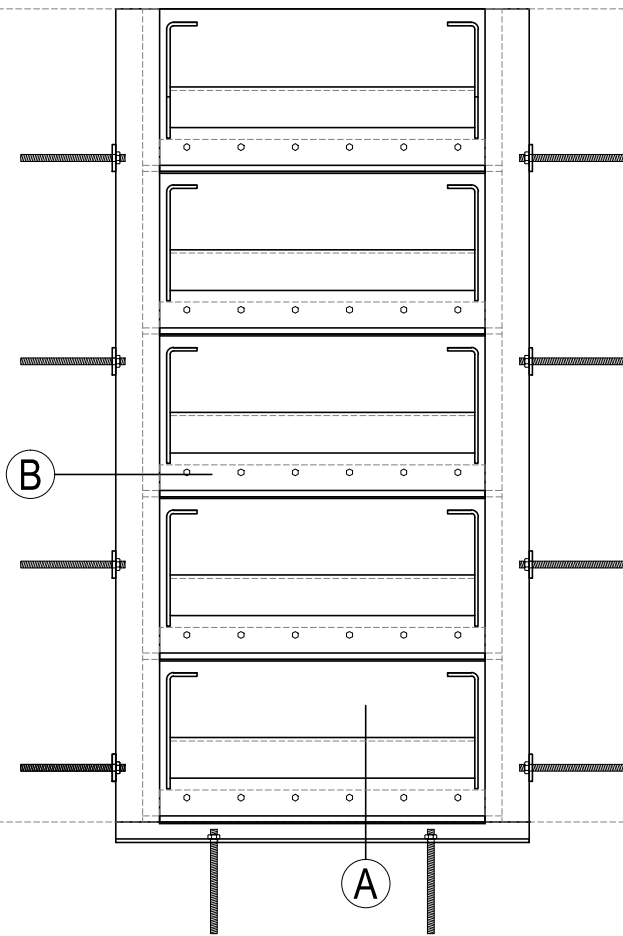
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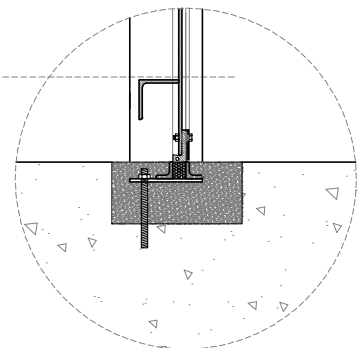
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STOP LOGS (5X)



SECTION-B



SECTION-A

EMBEDDED MOUNTING SHOWN
SEE TYPICAL MOUTING
CONFIGURATIONS FOR OPTIONS

DETAIL TITLE #:

FC-SS-SL STOP LOG

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FC-SS-SL

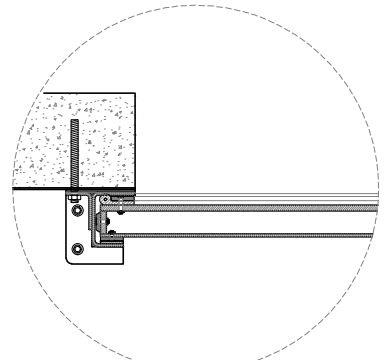
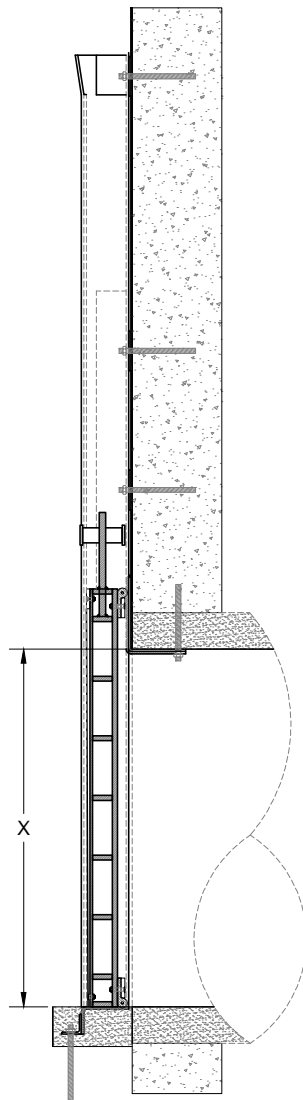
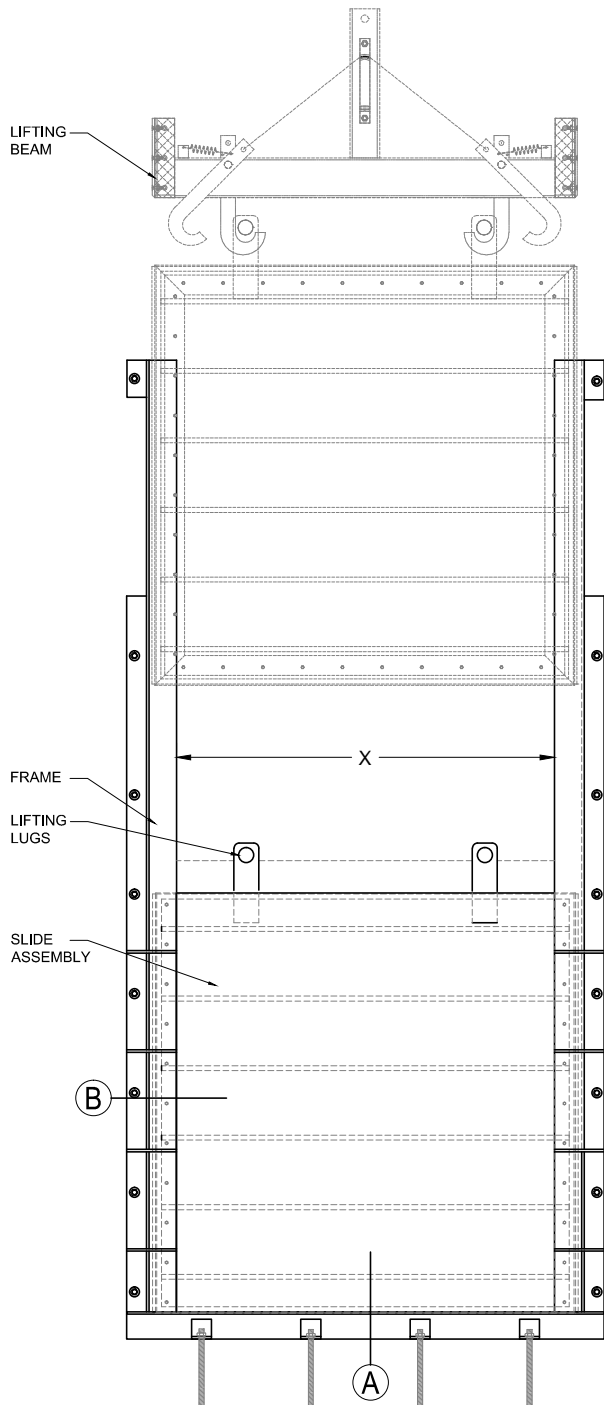


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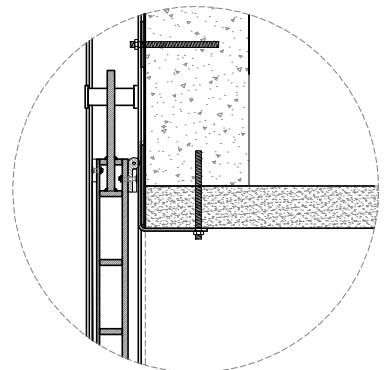
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SECTION-A



SECTION-B

ENGINEERED MOUNTING SHOWN
SEE TYPICAL MOUNTING CONFIGURATIONS FOR OPTIONS
ALL GATES ARE DESIGNED PER SPECIFICATIONS

DETAIL TITLE #:

FC-SS-BH BULKHEAD



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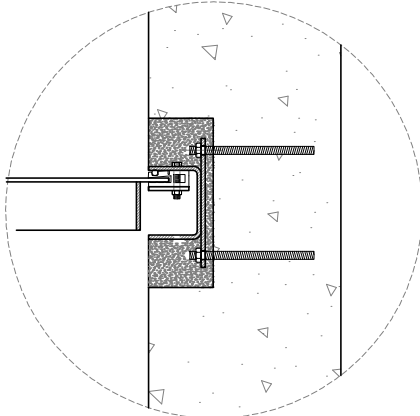
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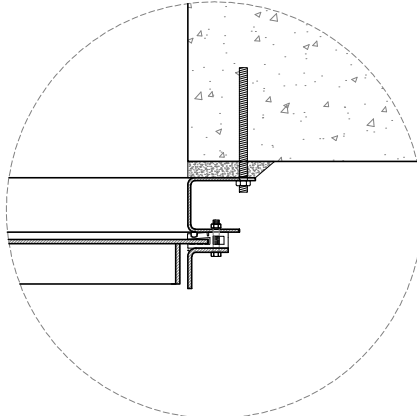
FC-SS-BH

MECHANICAL ASSOCIATES ~ 745 BROADWAY STREET ~ FRESNO, CA 93721

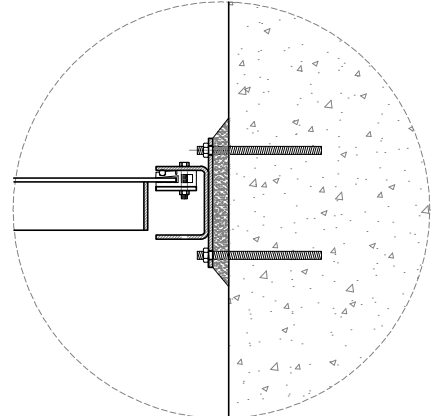
OTHER MONTING OPTIONS INCLUDE:
FLANGE TO FLANGE
SPIGOT
CURVED SURFACES



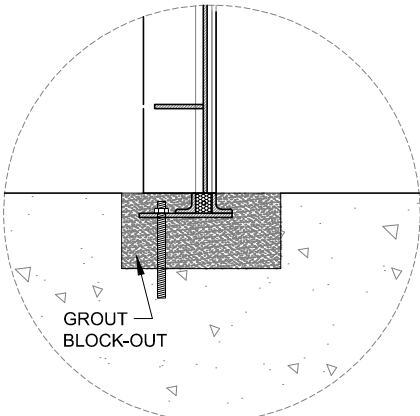
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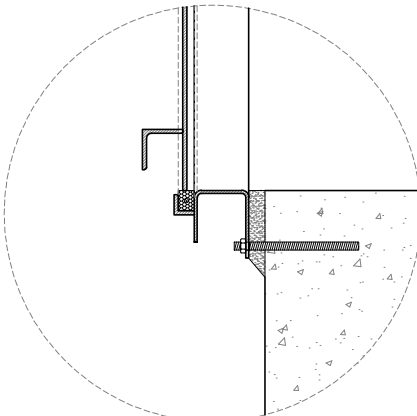
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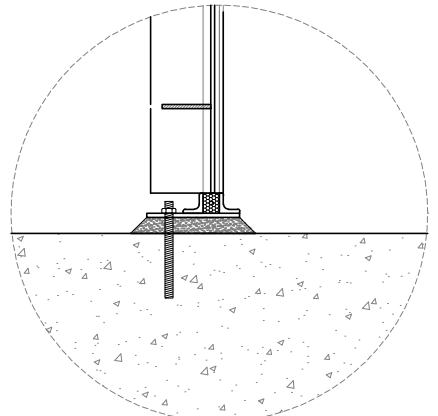
SECTION-C



SECTION-A
EMBEDDED



SECTION-A
FLANGE
BACK



SECTION-A
IN-CHANNEL

DETAIL TITLE #:

FC-SS TYPICAL MOUNTING CONFIGURATIONS



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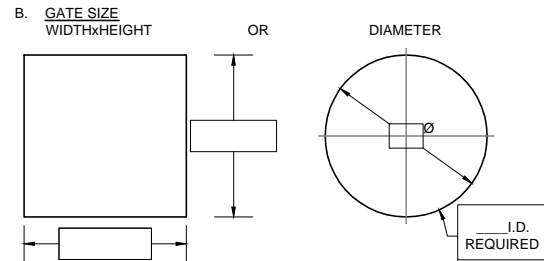
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MECHANICAL ASSOCIATES ~ 745 BROADWAY STREET ~ FRESNO, CA 93721



C. HOIST REQUIREMENTS

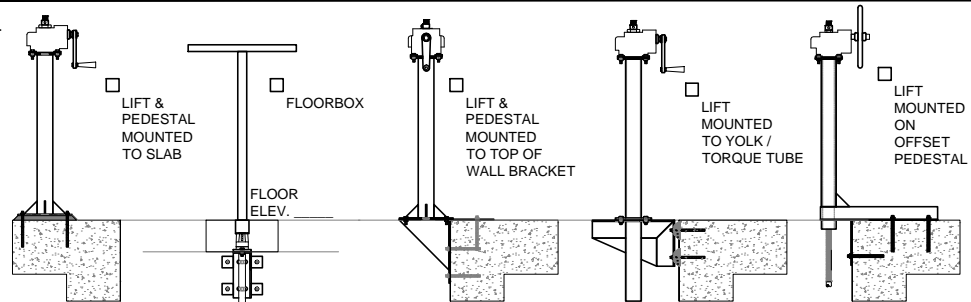
- ☐ MANUAL
☐ ELECTRIC
☐ CYLINDER
- ☐ OIL
- ☐ HANDCRANK
☐ PHASE _____ CYCLES
☐ WATER
- ☐ HANDWHEEL
☐ AIR
- ☐ 90° GEARBOX
☐ PSI

- ☐ STEM COVER
☐ CLEAR PLASTIC
☐ METAL

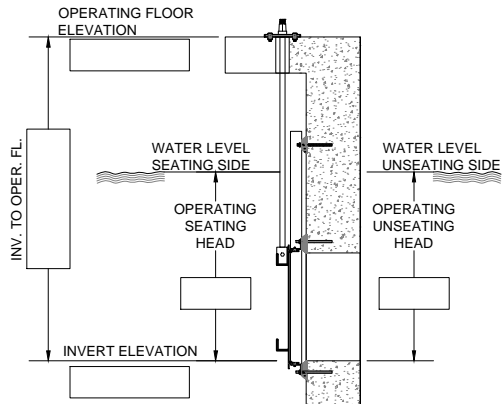
- POSITION INDICATOR
☐ MYLAR STRIP
☐ COUNTER
☐ DIAL

- ☐ RISING STEM
☐ NON-RISING STEM
☐ DOWNWARD OPENING (WEIR)

D. LIFT MOUNTING

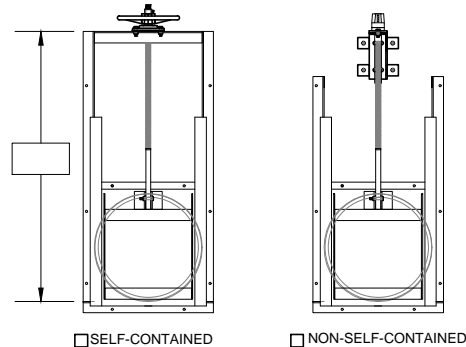


E. GATE DESIGN REQUIREMENTS



F. MISCELLANEOUS

- GATE MOUNTING TYPE
☐ CHANNEL MOUNT
☐ WALL MOUNT
☐ WEIR (DOWNWARD OPENING)
- ☐ EXISTING STRUCTURE
☐ NEW STRUCTURE
- ☐ DESIGN HEAD _____ SEATING _____ UNSEATING
 (DIFFERENT THAN OPERATING HEAD INDICATED)
☐ INVERT OF GATE IS FLUSH WITH INVERT OF STRUCTURE



G. COMMENTS

DETAIL TITLE #:

FC-SS CONFIGURATION SELECTION GUIDE



PROJECT:

PROJECT
CITY, ST

MECHANICAL ASSOCIATES ~ 745 BROADWAY STREET ~ FRESNO, CA 93721

REVISION #:

0

QUOTE ITEM NUMBER:

N/A

CHECKED BY:

D.E.

SCALE:

N.T.S.

MA DETAIL NO.

JOB NO.

N/A

DRAWN BY:

T.A.C.

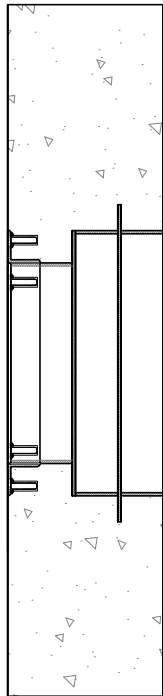
PAGE NO.

PAGE 1 OF 1

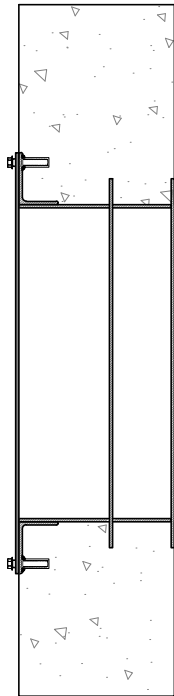
DATE:

2015

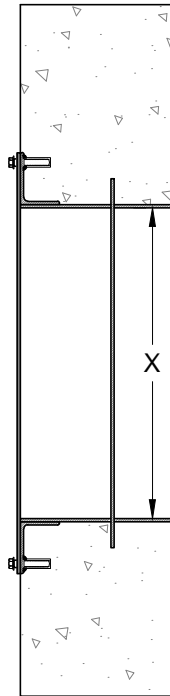
FC-SS



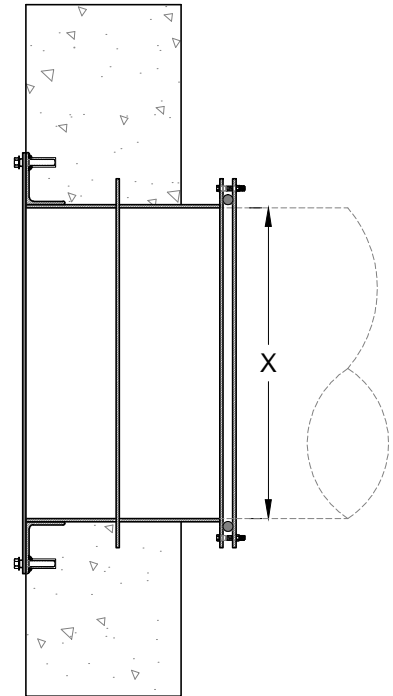
**CUSTOM
WALL THIMBLE**



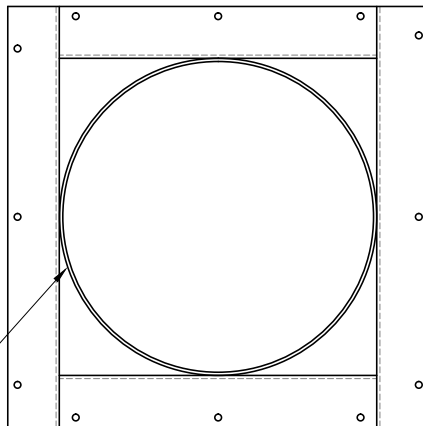
**TYPE "E"
WALL THIMBLE**



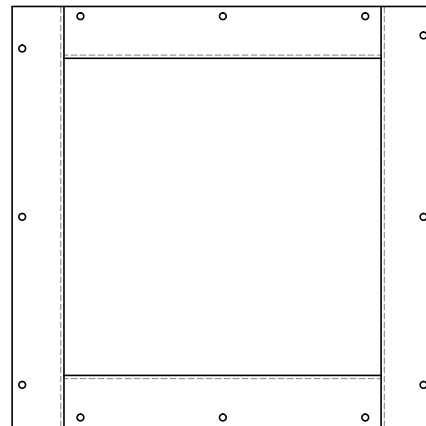
**TYPE "F"
WALL THIMBLE**




**TYPE "MJ"
WALL THIMBLE**



SQUARE TO
ROUND OPTION



WALL THIMBLES

DETAIL TITLE #:		REVISION #:		JOB NO.	
FC-SS WALL THIMBLES		0		N/A	
		QUOTE ITEM NUMBER:		DRAWN BY:	
		N/A		T.A.C.	
		CHECKED BY:		PAGE NO.	
		D.E.		PAGE 1 OF 1	
PROJECT:		SCALE:		DATE:	
		N.T.S.		2015	
MECHANICAL ASSOCIATES ~ 745 BROADWAY STREET ~ FRESNO, CA 93721		MA DETAIL NO.		FC-SS	