(5) MAX. HEAD NOT TO EXCEED 224 CM (2.24 M) MAY BE LESS.

5. Finish Structural Steel Members only.
   Surface Prep: Near White Blast Clean per SSPC-SP10
   Paint: Coal Tar Epoxy (1) CT (2 Mil) Epoxy Primer
   Prime & (2) CTs (6 Mil/CT) Coal Tar Epoxy
   (T1-F = 1B Mills) Color = Black

EXCEPT: Surfaces to be embedded in Concrete
Machine surfaces that are not Painted shall be masked
during Preparation and be protected by Water Resistant
Grease.

4. MATERIALs:
   a) Basic Gate - Structural Steel per ASTM A-36
   b) Assembly Hardware - Type 304 Stainless Steel

3. Gate Assembly, Parts List, Concrete Structure Dimensions, and
   Anchorage for Type B-5 Gate is Shown on Drawing 107379, Pages 1, 2, & 3

2. Dimensions shown in Millimeters.

1. Gate Shown in Closed Position.

NOTES: Unless otherwise specified.

TYPE B-5
DOWNSTREAM LEVEL
CONTROL GATE

WATERMAN INDUSTRIES INC.

FILE: TYPE-B5M
MAX. HEAD NOT TO EXCEED 280 CM (2.8M); MAY BE LESS.

5. FINISH: STRUCTURAL STEEL MEMBERS ONLY
   SURFACE PREP: NEAR WHITE BLAST CLEAN PER SSPE-SP10
   PAINT: COAL TAR EPOXY; (1) CT (2 MILS) EPOXY PRIMER
   PRIME & (2) CTS (8 MILS/CT) COAL TAR EPOXY
   (TDT) - 18 MILS) COLOR - BLACK
   EXCEPT - SURFACES TO BE EMBEDDED IN CONCRETE
   MACHINE SURFACES THAT ARE NOT PAINTED SHALL BE MASKED
   DURING PREPARATION AND BE PROTECTED BY WATER RESISTANT
   GREASE.

4. MATERIAL:
   a) BASIC GATE - STRUCTURAL STEEL PER ASTM A-36
   b) ASSEMBLY HARDWARE - TYPE 304 STAINLESS STEEL

3. GATE ASSEMBLY, PARTS LIST, CONCRETE STRUCTURE DIMENSIONS, AND
   ANCHORAGE FOR TYPE B-7 GATE IS SHOWN ON DRAWING 106590 , PAGES 1,2, & 3

2. DIMENSIONS SHOWN IN MILLIMETERS.

1. GATE SHOWN IN CLOSED POSITION.

NOTES: UNLESS OTHERWISE SPECIFIED.

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**TYPE B-7**

**DOWNSTREAM LEVEL**

**CONTROL GATE**
MAX. HEAD NOT TO EXCEED 140 CM (1.4 M); MAY BE LESS.

5. FINISH: STRUCTURAL STEEL MEMBERS ONLY
SURFACE PREP: NEAR WHITE BLAST CLEAN PER SSPC-SP10
PAINT: COAL TAR EPOXY; (1) CT (2 MILS) EPOXY PRIMER
PRIME & (2) CTS (6 MILS/LOT) COAL TAR EPOXY
(TDF = 18 MILS) COLOR: BLACK
EXCEPT - SURFACES TO BE EMBEDDED IN CONCRETE
MACHINE SURFACES THAT ARE NOT PAINTED SHALL BE MASKED
DURING PREPARATION AND BE PROTECTED BY WATER RESISTANT
GREDASE.

4. MATERIAL: a) BASIC GATE - STRUCTURAL STEEL PER ASTM A-36
b) ASSEMBLY HARDWARE - TYPE 304 STAINLESS STEEL

3. GATE ASSEMBLY, PARTS LIST, CONCRETE STRUCTURE DIMENSIONS, AND
ANCHORAGE FOR TYPE B-11 GATE IS SHOWN ON DRAWING 107247, PAGES 1, 2, & 3

2. DIMENSIONS SHOWN IN MILLIMETERS.
1. GATE SHOWN IN CLOSED POSITION.
NOTES: UNLESS OTHERWISE SPECIFIED.

TYPE B-8
DOWNSTREAM LEVEL
CONTROL GATE

WATERMAN INDUSTRIES INC. EXETER, CALIFORNIA 93221
TABULATION BLOCK—ELEVATIONS ARE IN METERS

<table>
<thead>
<tr>
<th>GATE IDENTIFICATION</th>
<th>ELEV. &quot;A&quot; U.S. INVERT</th>
<th>ELEV. &quot;B&quot; DOWNSTREAM</th>
<th>ELEV. &quot;C&quot; MAX U.S. ELEV.</th>
</tr>
</thead>
</table>

MAX. HEAD NOT TO EXCEED 355 CM (3.55M); MAY BE LESS.

5. FINISH: STRUCTURAL STEEL MEMBERS ONLY
SURFACE PREP: NEAR WHITE BLOW CLEAN PER SSPC-SP10
PAINT: COAL TAR EPOXY, (1) CT (2 MILS) EPOXY PRIMER
PRIME & (2) CTS (5 MILS/CT) COAL TAR EPOXY
(TFD 1/8 MILS) COLOR: BLACK
EXCEPT—SURFACES TO BE EMBEDDED IN CONCRETE
MACHINE-surfaces THAT ARE NOT PAINTED SHALL BE MASKED
DURING PREPARATION AND BE PROTECTED BY WATER RESISTANT
GREASE.

4. MATERIAL:
   a) BASIC GATE—STRUCTURAL STEEL PER ASTM A-36
   b) ASSEMBLY HARDWARE—TYPE 304 STAINLESS STEEL
3. GATE ASSEMBLY, PARTS LIST, CONCRETE STRUCTURE DIMENSIONS, AND
ANCHORAGE FOR TYPE B-9 GATE IS SHOWN ON DRAWING 107025 , PAGES 1, 2, & 3
2. DIMENSIONS SHOWN IN MILLIMETERS.
1. GATE SHOWN IN CLOSED POSITION.

NOTES: UNLESS OTHERWISE SPECIFIED.

TYPE B-9
DOWNSTREAM LEVEL
CONTROL GATE

WATERMAN INDUSTRIES INC. EXETER, CALIFORNIA 93221
MAX. HEAD NOT TO EXCEED 180 CM (1.8 M); MAY BE LESS.

5. FINISH: STRUCTURAL STEEL, MEMBERS ONLY

SURFACE PREP: NEAR WHITE BLAST CLEAN PER SSPC-SP10

PAINT: COAL TAR EPOXY: (1) CT (2 MILS) EPOXY PRIMER
PRIME & (2) CTS (8 MILS/CT) COAL TAR EPOXY
(TOFT - 18 MILS) COLOR - BLACK

EXCEPT - SURFACES TO BE EMBEDDED IN CONCRETE
MACHINE SURFACES THAT ARE NOT PAINTED SHALL BE MASKED
DURING PREPARATION AND BE PROTECTED BY WATER RESISTANT
GreasE.

4. MATERIAL
a) BASIC GATE - STRUCTURAL STEEL PER ASTM A-36
b) ASSEMBLY HARDWARE - TYPE 304 STAINLESS STEEL

3. GATE ASSEMBLY, PARTS LIST, CONCRETE STRUCTURE DIMENSIONS, AND
ANCHORAGE FOR TYPE B-10 GATE IS SHOWN ON DRAWING 106491, PAGES 1,2,& 3

2. DIMENSIONS SHOWN IN MILLIMETERS.

1. GATE SHOWN IN CLOSED POSITION.

NOTES: UNLESS OTHERWISE SPECIFIED.

TYPE B-10
DOWNSTREAM LEVEL
CONTROL GATE

WATERMAN INDUSTRIES INC.
EXETER, CALIFORNIA 93221
MAX. HEAD NOT TO EXCEED 450 CM (4.5M); MAY BE LESS.

5. FINISH: STRUCTURAL STEEL MEMBERS ONLY
   SURFACE PREP: NEAR WHITE BLAST CLEAN PER SSPC-SP10
   PAINT: COAL TAR EPOXY (1) CT (2 MILS) EPOXY PRIMER
   PRIME & (2) CT'S (8 MILS/CT) COAL TAR EPOXY
   (TDFT = 18 MILS) COLOR - BLACK

   - SURFACES TO BE EMBEDDED IN CONCRETE
   - MACHINE SURFACES THAT ARE NOT PAINTED SHALL BE MASKED
     DURING PREPARATION AND BE PROTECTED BY WATER RESISTANT
     GREASE

4. MATERIAL a) BASIC GATE = STRUCTURAL STEEL PER ASTM A-36
   b) ASSEMBLY HARDWARE = TYPE 304 STAINLESS STEEL

3. GATE ASSEMBLY, PARTS LIST, CONCRETE STRUCTURE DIMENSIONS, AND
   ANCHORAGE FOR TYPE B-11 GATE IS SHOWN ON DRAWING 107209 , PAGES 1,2, & 3

2. DIMENSIONS SHOWN IN MILLIMETERS.
1. GATE SHOWN IN CLOSED POSITION.
   NOTES: UNLESS OTHERWISE SPECIFIED.

TYPE B-11
DOWNSTREAM LEVEL
CONTROL GATE

WATERMAN INDUSTRIES INC. EXETER, CALIFORNIA 93221
MAX. HEAD NOT TO EXCEED 224 CM (2.24 M); MAY BE LESS.
5. FINISH: STRUCTURAL STEEL MEMBERS ONLY
SURFACE PREP: NEAR WHITE BLAST CLEAN PER SSPC-SP10
PAINT:

EXCEPT - SURFACES TO BE EMBEDDED IN CONCRETE
MACHINE SURFACES THAT ARE NOT PAINTED SHALL BE MASKED
DURING PREPARATION AND BE PROTECTED BY WATER RESISTANT
GREASE.

4. MATERIAL: (a) BASIC GATE - STRUCTURAL STEEL PER ASTM A-36.
(b) ASSEMBLY HARDWARE - TYPE 304 STAINLESS STEEL
3. GATE ASSEMBLY, PARTS LIST, CONCRETE STRUCTURE DIMENSIONS, AND
ANCHORAGE FOR TYPE B-12 GATE IS SHOWN ON DRAWING 1046392, PAGES 1, 2, & 3
2. DIMENSIONS SHOWN IN MILLIMETERS.
1. GATE SHOWN IN CLOSED POSITION.
NOTES: UNLESS OTHERWISE SPECIFIED.

TYPE B-12
DOWNSTREAM LEVEL
CONTROL GATE

WATERMAN INDUSTRIES INC.
MAX. HEAD NOT TO EXCEED 580 CM (5.6 M); MAY BE LESS.

5. FINISH: STRUCTURAL STEEL MEMBERS ONLY
SURFACE PREP: NEAR WHITE BLAST CLEAN PER SSPC-SP10
PAINT: COAL TAR EPOXY: (1) CT (2 MILS) EPOXY PRIMER
PRIME & (2) CTS (8 MILS/CT) COAL TAR EPOXY
(TDF - 18 MILS) COLOR - BLACK
EXCEPT - SURFACES TO BE EMBEDDED IN CONCRETE
MACHINE SURFACES THAT ARE NOT PAINTED SHALL BE MASKED
DURING PREPARATION AND BE PROTECTED BY WATER RESISTANT
GREASE.

4. MATERIAL:
A) BASIC GATE - STRUCTURAL STEEL PER ASTM A-36
B) ASSEMBLY HARDWARE - TYPE 304 STAINLESS STEEL

3. GATE ASSEMBLY, PARTS LIST, CONCRETE STRUCTURE DIMENSIONS, AND
ANCHORAGE FOR TYPE B-13 GATE IS SHOWN ON DRAWING 107408, PAGES 1, 2, & 3

2. DIMENSIONS SHOWN IN MILLIMETERS.

1. GATE SHOWN IN CLOSED POSITION.
NOTES: UNLESS OTHERWISE SPECIFIED.

TYPE B-13
DOWNSTREAM LEVEL
CONTROL GATE
5. MAX. HEAD NOT TO EXCEED 280 CM (2.8 M); MAY BE LESS.

6. FINISH: STRUCTURAL STEEL MEMBERS ONLY
   SURFACE PREP: NEAR WHITE BLAST CLEAN PER SSPC-SP10
   PAINT: COAL TAR EPOXY (1) CT (2 MILS) EPOXY PRIMER
          PRIME & (2) CTS (8 MILS/CT) COAL TAR EPOXY
          (TSTD - 16 MILS) COLOR - BLACK
   EXCEPT - SURFACES TO BE EMBEDDED IN CONCRETE
   MACHINE SURFACES THAT ARE NOT PAINTED SHALL BE MASKED
   DURING PREPARATION AND BE PROTECTED BY WATER RESISTANT
   GREASE.

4. MATERIAL a) BASIC GATE - STRUCTURAL STEEL PER ASTM A-36
   b) ASSEMBLY HARDWARE - TYPE 304 STAINLESS STEEL

3. GATE ASSEMBLY, PARTS LIST, CONCRETE STRUCTURE DIMENSIONS, AND
   ANCHORAGE FOR TYPE B-14 GATE IS SHOWN ON DRAWING 107027 , PAGES 1, 2, 3

2. DIMENSIONS SHOWN IN MILLIMETERS.

1. GATE SHOWN IN CLOSED POSITION.
   NOTES: UNLESS OTHERWISE SPECIFIED.

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**TYPE B-14**

**DOWNSTREAM LEVEL**

**CONTROL GATE**

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**TABULATION BLOCK - ELEVATIONS ARE IN METERS**

<table>
<thead>
<tr>
<th>GATE IDENTIFICATION</th>
<th>U.S. INVERT</th>
<th>D.S. LEVEL</th>
<th>MAX W.S. ELEV.</th>
<th>MIN W.S. ELEV.</th>
</tr>
</thead>
</table>

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**GATE SHOWN IN CLOSED POSITION**

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MAX. HEAD NOT TO EXCEED 630 CM (6.3 M); MAY BE LESS.

5. FINISH: STRUCTURAL STEEL MEMBERS ONLY
   SURFACE PREP: NEAR WHITE BLAST CLEAN PER SSPC-SP10
   PAINT: COAL TAR EPOXY: (1) CT (2 MILS) EPOXY PRIMER
   PRIME & (2) CTS (8 MILS/CT) COAL TAR EPOXY
   (CTFT = 18 MILS) COLOR = BLACK
   EXCEPT - SURFACES TO BE EMBEDDED IN CONCRETE
   MACHINE SURFACES THAT ARE NOT PAINTED SHALL BE MASKED
   DURING PREPARATION AND BE PROTECTED BY WATER RESISTANT-
   GREASE.

4. MATERIAL:
   a) BASIC GATE = STRUCTURAL STEEL PER ASTM A-36
   b) ASSEMBLY HARDWARE = TYPE 304 STAINLESS STEEL

3. GATE ASSEMBLY, PARTS LIST, CONCRETE STRUCTURE DIMENSIONS, AND
   ANCHORAGE FOR institutions TYPE B-15 GATE IS SHOWN ON DRAWING 107409 . PAGES 1,2,& 3

2. DIMENSIONS SHOWN IN MILLIMETERS.

1. GATE SHOWN IN CLOSED POSITION.
   NOTES: UNLESS OTHERWISE SPECIFIED.

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**TYPE B-15**

**DOWNSTREAM LEVEL**

**CONTROL GATE**

WATERMAN INDUSTRIES INC.  EXETER, CALIFORNIA  93221

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**TABULATION BLOCK—ELEVATIONS ARE IN METERS**

<table>
<thead>
<tr>
<th>GATE IDENTIFICATION</th>
<th>ELEV. &quot;A&quot;</th>
<th>ELEV. &quot;B&quot;</th>
<th>ELEV. &quot;C&quot;</th>
<th>MAX U.S. ELEV.</th>
</tr>
</thead>
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**GATE SHOWN IN CLOSED POSITION**

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**FILE NAME: TYPE-R10M**
MAX. HEAD NOT TO EXCEED 315 CM (.315 M); MAY BE LESS.

5. FINISH: STRUCTURAL STEEL MEMBERS ONLY
SURFACE PREP: NEAR WHITE BLAST CLEAN PER SSPC-SP10
PAINT: COAL TAR EPOXY, (1) CT (2 MILS) EPOXY PRIMER
PRIME & (2) CT (8 MILS/CT) COAL TAR EPOXY
(TOFT - 18 MILS) COLOR - BLACK
EXCEPT - SURFACES TO BE EMBEDDED IN CONCRETE
MACHINE SURFACES THAT ARE NOT PAINTED SHALL BE MASKED
DURING PREPARATION AND BE PROTECTED BY WATER RESISTANT
GREASE.

4. MATERIAL a) BASIC GATE - STRUCTURAL STEEL PER ASTM A-36
b) ASSEMBLY HARDWARE - TYPE 304 STAINLESS STEEL

3. GATE ASSEMBLY, PARTS LIST, CONCRETE STRUCTURE DIMENSIONS, AND
ANCHORAGE FOR TYPE B-16 GATE IS SHOWN ON DRAWING 108543 , PAGES 1,2,& 3

2. DIMENSIONS SHOWN IN MILLIMETERS.
1. GATE SHOWN IN CLOSED POSITION.
NOTES: UNLESS OTHERWISE SPECIFIED.

TYPE B-16
DOWNSTREAM LEVEL
CONTROL GATE

WATRMAN INDUSTRIES INC. EXETER, CALIFORNIA 93221
TABULATION BLOCK—ELEVATIONS ARE IN METERS

<table>
<thead>
<tr>
<th>GATE IDENTIFICATION</th>
<th>ELEV. &quot;A&quot;</th>
<th>ELEV. &quot;B&quot;</th>
<th>MAX U.S. ELEV.</th>
</tr>
</thead>
</table>

MAX. HEAD NOT TO EXCEED 710 CM (7.1 M); MAY BE LESS.
FINISH: STRUCTURAL STEEL MEMBERS ONLY
SURFACE PREP: NEAR WHITE BLAST CLEAN PER SSPC-SP10
PAINT: COAL TAR EPOXY (1) CT (2 MILS) EPOXY PRIMER
PRIME & (2) CT5 (5 MILS/CO) COAL TAR EPOXY
(TDFT = 18 MILS) COLOR = BLACK
EXCEPT — SURFACES TO BE EMBEDDED IN CONCRETE
MACHINE SURFACES THAT ARE NOT PAINTED SHALL BE MASKED
DURING PREPARATION AND BE PROTECTED BY WATER RESISTANT
GREASE.

MATERIAL
a) BASIC GATE = STRUCTURAL STEEL PER ASTM A-36
b) ASSEMBLY HARDWARE = TYPE 304 STAINLESS STEEL

GATE ASSEMBLY, PARTS LIST, CONCRETE STRUCTURE DIMENSIONS, AND
ANCHORAGE FOR TYPE B-17 GATE IS SHOWN ON DRAWING 107410A, PAGES 1, 2, & 3
DIMENSIONS SHOWN IN MILLIETERS.
GATE SHOWN IN CLOSED POSITION.
NOTES: UNLESS OTHERWISE SPECIFIED.

TYPE B-17
DOWNSTREAM LEVEL
CONTROL GATE

WATERMAN
INDUSTRIES INC. EXETER, CALIFORNIA 93221
MAX. HEAD NOT TO EXCEED 355 CM (3.55 M); MAY BE LESS.

5. Finish: Structural Steel Members Only
   Surface Prep: Near White Blast Clean Per SSPC-SP10
   Paint: Coal Tar Epoxy: (1) CT (2 Mils) Epoxy Primer
   Prime & (2) CT3 (8 Mils/Qt) Coal Tar Epoxy
   (Toft = 18 Mils) Color = Black

   Except - Surfaces to be Embedded in Concrete
   Machine Surfaces That Are Not Painted Shall Be Masked
   During Preparation and Be Protected By Water Resistant
   Grease.

4. Material
   a) Basic Gate - Structural Steel Per ASTM A-36
   b) Assembly Hardware - Type 304 Stainless Steel

3. Gate Assembly, Parts List, Concrete Structure Dimensions, and
   Anchorage for Type B-18 Gate Is Shown on Drawing 107411, Pages 1, 2, & 3

2. Dimensions Shown in Millimeters.
1. Gate Shown in Closed Position.

Notes: Unless Otherwise Specified.

Type B-18
Downstream Level
Control Gate

Waterman Industries Inc.
Exeter, California 93221

Tabulation Block - Elevations Are in Meters

|---------------------|-----------------------|----------------------|--------------------------|

Max. Upstream Level

Elev. "A"

Elev. "C"

7790 (Ref)

2440 (Ref)

1600 (Ref)

GATE SHOWN IN CLOSED POSITION

( ) Gates Required

Ref: Plan Sheet

& Ref. Project Man.

Name: Drawing No.

Date: Scale: None

Job No.: Signature

Checked by: Date

Quote No.: Quote Item No.

Dimension by: None

Waterman Industries Inc.
Exeter, California 93221

FILENAME: TYPE-B18M
MAX. HEAD NOT TO EXCEED 400 CM (4.0 M); MAY BE LESS.

5. FINISH: STRUCTURAL STEEL MEMBERS ONLY
SURFACE PREP: NEAR WHITE BLAST CLEAN PER SSPC-SP10
PAINT: COAL TAR EPOXY, (1) CT (2 MILS) EPOXY PRIMER
PRIME & (2) CTS (8 MILS/CT) COAL TAR EPOXY
(10CF - 18 MILS) COLOR - BLACK
EXCEPT - SURFACES TO BE EMBEDDED IN CONCRETE
MACHINE SURFACES THAT ARE NOT PAINTED SHALL BE MASKED
DURING PREPARATION AND BE PROTECTED BY WATER RESISTANT
GREASE.

4. MATERIAL a) BASIC GATE - STRUCTURAL STEEL PER ASTM A-36
b) ASSEMBLY HARDWARE - TYPE 304 STAINLESS STEEL

3. GATE ASSEMBLY, PARTS LIST, CONCRETE STRUCTURE DIMENSIONS, AND
ANCHORAGE FOR TYPE B-20 GATE IS SHOWN ON DRAWING 107412 , PAGES 1,2,& 3

2. DIMENSIONS SHOWN IN MILLIMETERS.
1. GATE SHOWN IN CLOSED POSITION.
NOTES: UNLESS OTHERWISE SPECIFIED.

TYPE B-20
DOWNSTREAM LEVEL
CONTROL GATE

WATERMAN
INDUSTRIES INC. EXETER, CALIFORNIA 93221

FILENAME: TYPE-B20M