1.) TAINTER GATES NOT SHOWN FOR CLARITY
2.) REFER TO CIVIL DRAWINGS FOR SPILLWAY LAYOUT

EXIST. SPILLWAY FOUNDATION ON GRADE CONC. SLAB
32'-0" 32'-0"

HIGH FLOW BYPASS STRUCTURE
PARTIAL PLAN

130'-0" 0'-0" 0'-0" 0'-0" 0'-0" 0'-0"

NEW FISH LADDER WALL 
REFERENCE LINE DAM AXIS ALIGNMENT

SCALE: 1'-0" / CONC.

VALUE ENGINEERING PAYS
EL. 778.25

S-301  S-201  S-101
NOTES:
1) Tainter Gates Not Shown For Clarity
2) Refer To Civil Drawings For Spillway Layout
1.) Tainter gates not shown for clarity
2.) Refer to civil drawings for spillway layout
### Notes:
1. Site Dimensions for Initial Design Sketch
2. Total No. of Required Hoists in Pour
3. Maximum Lift: Lifting Speed: 3 FPM

### Part List for Design:

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Hoist Base</td>
</tr>
<tr>
<td>11</td>
<td>Gear Motor with Disk Brake</td>
</tr>
<tr>
<td>9</td>
<td>Limit Switch</td>
</tr>
<tr>
<td>8</td>
<td>Flexible Coupling</td>
</tr>
<tr>
<td>6</td>
<td>Wire Rope</td>
</tr>
<tr>
<td>5</td>
<td>Socket</td>
</tr>
<tr>
<td>4</td>
<td>Limit Switch Bracket</td>
</tr>
<tr>
<td>2R</td>
<td>Drum Pedestal</td>
</tr>
<tr>
<td>1R</td>
<td>Drum</td>
</tr>
</tbody>
</table>

### Scale:
8" = 1'-0"
GATE OPENING (TYP)
UPSTREAM ELEVATION

SECTION

DETAIL

SIDE VIEW
INTERIOR ELEVATION

PLAN

TRUNNION PIN

Yoke

TRUNNION BUSHING

TRUNNION HUB

DESCRIPTION | MATERIAL
---|---
Anchorage Steel | ASTM A 479 Steel
Trunnion Hanger | ASTM A 479 Aluminum Weld
Trunnion Hanger | ASTM A 479 Steel, Forging
Trunnion Pin | ASTM A 709, Type B6, Condition H140 Steel, Forging
NOTES:

5. ALL EQUIPMENT IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE.

6. NOT USED.

7. EXISTING POWER FEEDS TO CONTROL PANEL.

8. EXISTING POWER FEEDS TO CONTROL PANEL.

9. ANTENNAE AND STEEL MAST ON EXISTING WOOD POLE.

10. THROUGH J-BOX/OLD CONTROL PANEL TO (E) CONTROL PANEL.

(E) YAGI ANTENNA.

(E) CONTROL PANEL.

(E) CONTROL PANEL.

NOTE "B" STARTER PANEL 'B' CONTROL.

NOTE "A" STARTER PANEL 'A' CONTROL.

REFRIGERATOR BELOW BOXES.

NEW CONTROL PANEL

SAFETY PAYS.

HI FLOW FISHWAY

FISH SCREEN WEST.

FISH SCREEN EAST.

CANAL.

SA-25 SA-35.

J-BOX/OLD CONTROL PANEL.

7" DRAIN.

OPTIONS "A" AND "B".

OPTIONS "A" AND "B".

OPTIONS "A" AND "B".

OPTIONS "A" AND "B".

OPTIONS "A" AND "B".

OPTIONS "A" AND "B".

OPTIONS "A" AND "B".

OPTIONS "A" AND "B".

OPTIONS "A" AND "B".

OPTIONS "A" AND "B".
EXISTING UTILITY SERVICE TRANSFORMERS SHALL BE REplaced by DISTRIBUTION PANEL 'C'. CONTRACTOR TO REMOVE AND DISPOSE OF PANEL, CUT AND CAP ALL UNUSED CONDUCTORS. AFTER REMOVAL OF EXISTING UNUSED CONDUCTORS AND SHALL CUT AND CAP ALL OTHERS.

NEW MAIN SERVICE PANEL. CONTRACTOR TO REMOVE AND DISPOSE OF ABBEY TRANSFORMER TO BE REMOVED BY SERVICE DROP CABLE TO SERVICE PANEL. CONTRACTOR TO REMOVE SAT'S AND RETURN TO OWNER.

INTERIOR LIGHTS 1P RCPT 20A 1P 15A 15A 1P FRIG/SW.

NEW MAIN SERVICE PANEL. CONTRACTOR TO REMOVE AND DISPOSE OF ABBEY TRANSFORMER TO BE REMOVED BY SERVICE DROP CABLE TO SERVICE PANEL. CONTRACTOR TO REMOVE SAT'S AND RETURN TO OWNER.

INTERIOR LIGHTS 1P RCPT 20A 1P 15A 15A 1P FRIG/SW.