

ADDENDUM NO. 02
City of Camas
WWTP Headworks and Primary Clarifier Improvements
March 26, 2024

Addendum No. 01 Acknowledgement Page

This addendum includes:

1 – 8 ½" x 11" Acknowledgement Pages

3 – 8 ½" x 11" Revision Summary Pages

2 – 11" x 17" Drawings from previous projects provided for clarification.

6 – Total Sheets

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NOTICE is hereby given that this acknowledgement page must be signed and enclosed with the bid for the **WWTP Headworks and Primary Clarifier Improvements** project as evidence that the bidder has familiarized themselves with all information incorporated herein.

Do NOT include the entire contents of this Addendum in your bid submission.

Only this signed acknowledgement page is required.

Company Name

Name (Please Print)

Title

Signature

The following addendum is hereby issued and made a part of the Plans and Specifications for the **WWTP Headworks and Primary Clarifier Improvements** project.

Changes are marked with [1] and underlined.

This Addendum No. 02 is hereby made a part of and incorporated into that certain CONTRACT DOCUMENTS FOR THE CITY OF CAMAS **WWTP Headworks and Primary Clarifier Improvements** project. Notice is hereby given that the Contract Documents for the subject project are amended/clarified as follows:

ITEM 1 – Call for Bids

Make the following changes:

Sealed Bids will be received by the City of Camas until 10:00 am on Thursday, March 28th, 2024.

ITEM 2 – Concrete demo and prep

Q: Section 1/S0004 calls for a concrete repair procedure. Since concrete repair extents and quantities are unknown, it is impossible to bid this. Please confirm any concrete repairs required according to this detail would be dealt with in a Change Order.

A: The exact depths of concrete repair are unknown. Visual inspection showed some corrosion up to 1.5”-2” in depth below the initial concrete surface and other areas with less. Inspection below the water surface was not possible. See specification 09 96 00 for greater detail on recoating.

ITEM 3 – Metals clean and recoat

Q: Please clarify metals clean and recoat scope: confirm that NO “significant section loss (greater than 20%)” is expected, and any “repair/replace” will be a Change.

A: Losses greater than those specified would be considered a change.

ITEM 4 – Liquids in facility

Q: Please clarify the amount of liquids and solids the contractor should expect in the structures after the Owner drains them.

A: After draining, the exact depth of remaining liquid is unknown. Specification 01 14 16, 1.5.B.6.a outlines the Contractor as responsible for dewatering process facilities. The exact depth or volume is unknown, but can be estimated from the plans.

ITEM 5 – Bypass Clarifications

Q: The specifications (01 14 16, 1.6-C3) call for the contractor to “provide a full bypass of the 18-inch RS”. Please confirm that the intent is to install an 18-inch branch connection (18” tee with 12” reducer) o0 the existing 18RS line, and NOT a 12-inch branch connection (18” x 12” hot tap bypass) off the existing 18RS line.

A: The intent is to provide a 12-inch bypass as a hot tap and provide a line stop to redirect flow to the temporary 12-inch bypass. As a clarification, NO SHUT DOWN OF THE 18-INCH LINE IS EXPECTED. The Main Pump Station does not have wet well capacity to allow for a shut down, so the intent is to have the line stop installed with the 18-inch line live.

Q: Section 01 14 16 Table 01 14 16-B states shutdown of the 6” RS will not be allowed and we must utilize a hot tap and line stop. Section A/M005 does not show this. Please clarify if we can shut down the 6” RAS to install per the drawings. If not, please provide new details.

A: The Oak Pump Station may be shut down during low flows (nighttime) for a period of 15 minutes.

ITEM 6 – Fabricated Stainless Steel Slide Gates

Q:

1. Please provide top of wall elevation and invert elevation.
2. Can you confirm need for yoke mounted pedestal vs. a standard self-contained guide.
3. Please confirm if manual or electric operator is needed.
4. If an electric operator is needed, please provide a specification for this.

A:

1. The wall elevations are as shown on the attached drawing. The attached drawing items are part of a previous project and the drawing is provided for reference only.
2. There is grating or plating above all the channels on the headworks. It is intended that the pedestal is mounted at the top of wall alone.
3. The slide gates show on drawing M2003 are hand wheel operated. No electric actuator is to be provided.
4. The drawing M2004 shows the correct gate dimensions, but for clarification, gates are 24”H x 36”W for note 2.
5. Drawing S0004 is shown for reference only, actual opening/gate dimensions are depicted elsewhere. The opening size must be confirmed with slide gate shop drawings.

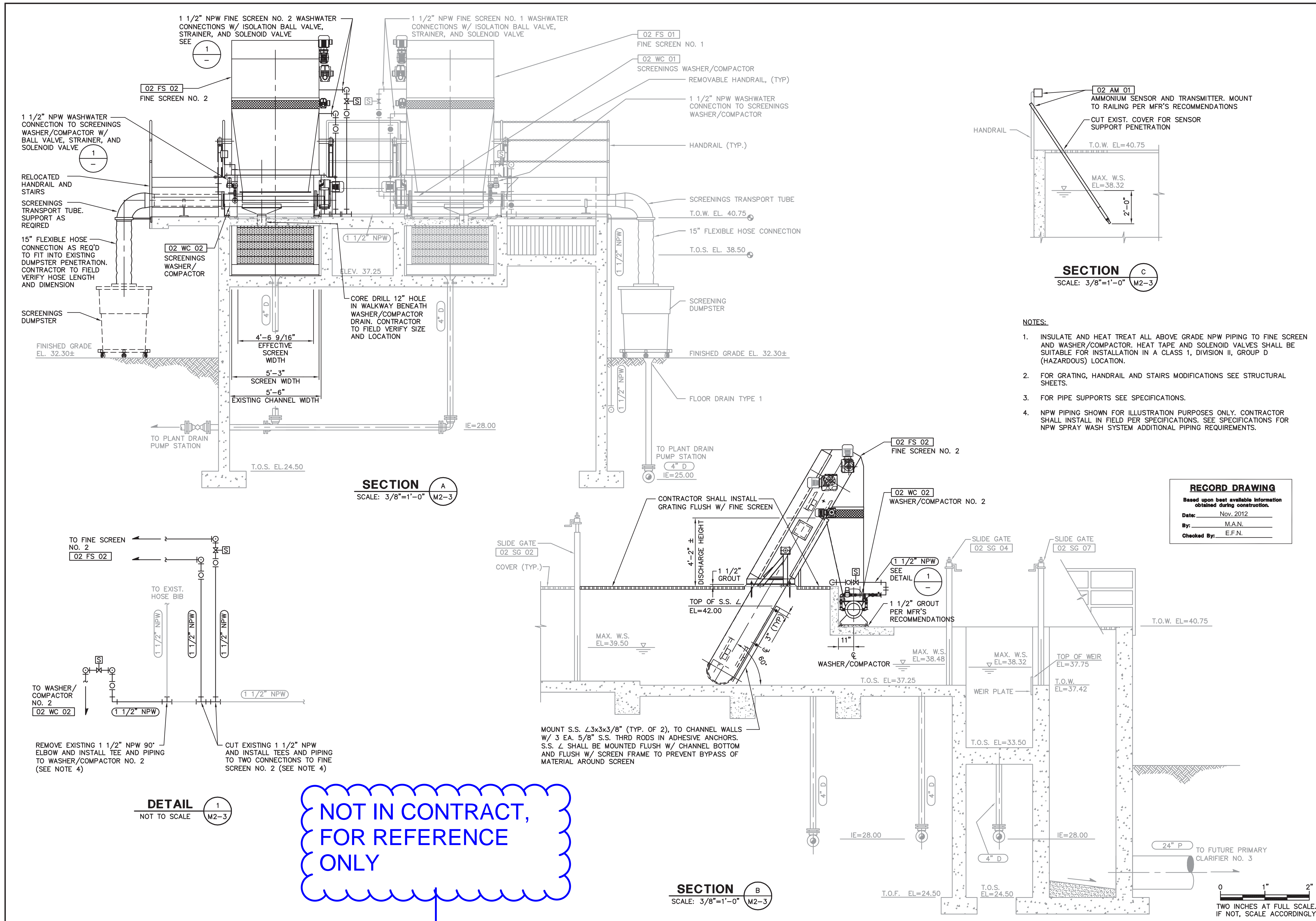
ITEM 7 – Abrasion Resistance

Q: I’m preparing a quote for the above project and had a question regarding what paint system I should use for coating the clarifier mechanism and bridge. Specification 099600, 2.3 coating systems, lists 2 Immersion-wastewater systems, one with abrasion resistance and one without. Which one should be applied to the mechanism?

Q: Will the bridges will receive Ferrous Metal – Outdoor atmospheric for the coating system?

A: In Specification section 09 96 00, 2.3 the Contractor shall provide the coating system as abrasion resistant for Immersion – Wastewater on Ferrous Piping, Non Ferrous Metals, Ferrous Metals, Ductile Iron Piping and Concrete.

A: Atmospheric is the correct Environment/Application for the bridges over the clarifiers.



NOT IN CONTRACT,
FOR REFERENCE
ONLY

Gray & Osborne, Inc.
CONSULTING ENGINEERS
701 DEWEY AVENUE NORTH SUITE 200
SEATTLE, WASHINGTON 98109 • (206) 284-0860

DATE: OCT 2009	SCALE: NOTED	DRAWN: M.A.N.	CHECKED: E.F.N.	APPROVED: J.P.W.
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No.	REVISION	DATE	APPD

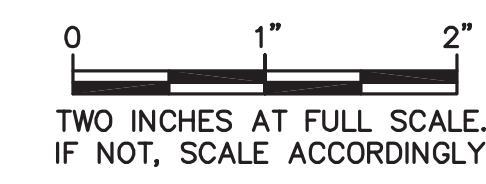
RECORD DRAWING
Based upon best available information
obtained during construction.

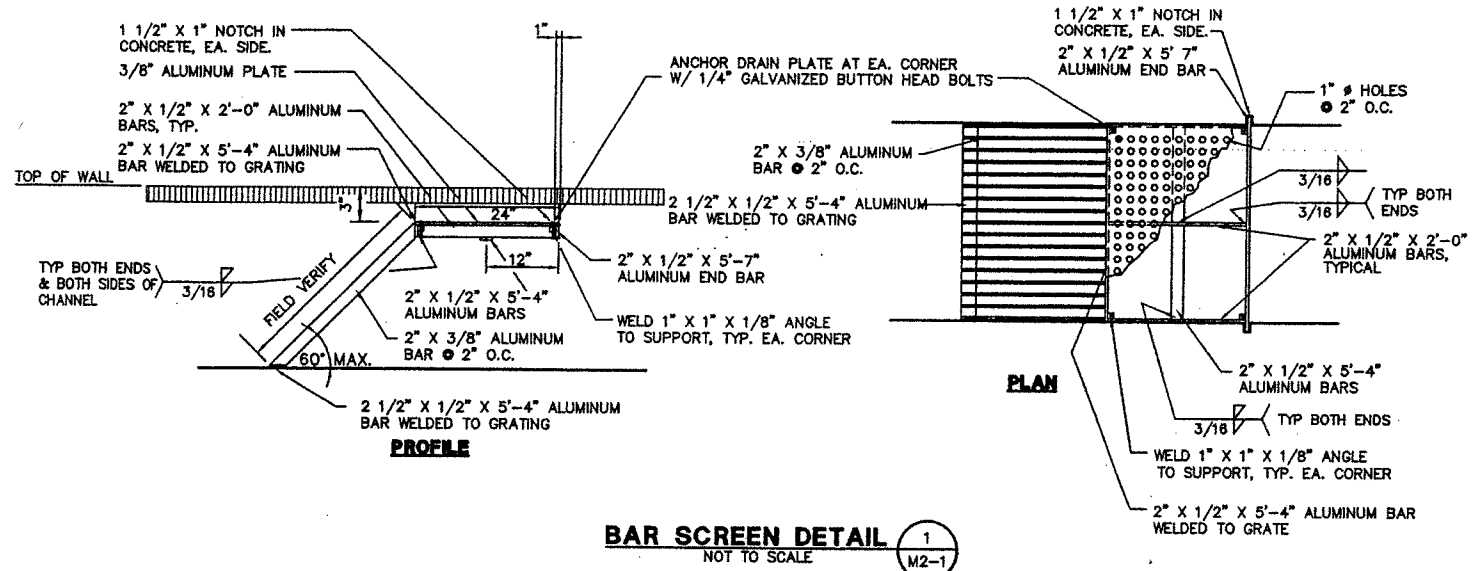
Date: Nov. 2012
By: M.A.N.
Checked By: E.F.N.

CITY OF CAMAS
WASHINGTON
CLARK COUNTY
WWTF IMPROVEMENTS - PHASE 2
HEADWORKS MODIFICATIONS
SECTIONS AND DETAIL

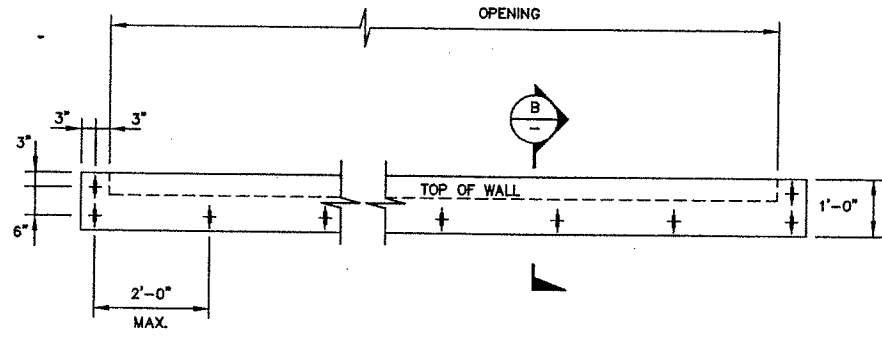
SHEET: M2-4
OF: 4
JOB NO.: 07511
DWG: HWKS-MOD

- NOTES:**
- INSULATE AND HEAT TREAT ALL ABOVE GRADE NPW PIPING TO FINE SCREEN AND WASHER/COMPACTOR. HEAT TAPE AND SOLENOID VALVES SHALL BE SUITABLE FOR INSTALLATION IN A CLASS 1, DIVISION II, GROUP D (HAZARDOUS) LOCATION.
 - FOR GRATING, HANDRAIL AND STAIRS MODIFICATIONS SEE STRUCTURAL SHEETS.
 - FOR PIPE SUPPORTS SEE SPECIFICATIONS.
 - NPW PIPING SHOWN FOR ILLUSTRATION PURPOSES ONLY. CONTRACTOR SHALL INSTALL IN FIELD PER SPECIFICATIONS. SEE SPECIFICATIONS FOR NPW SPRAY WASH SYSTEM ADDITIONAL PIPING REQUIREMENTS.

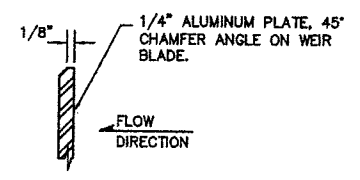




BAR SCREEN DETAIL (1)
NOT TO SCALE (M2-1)

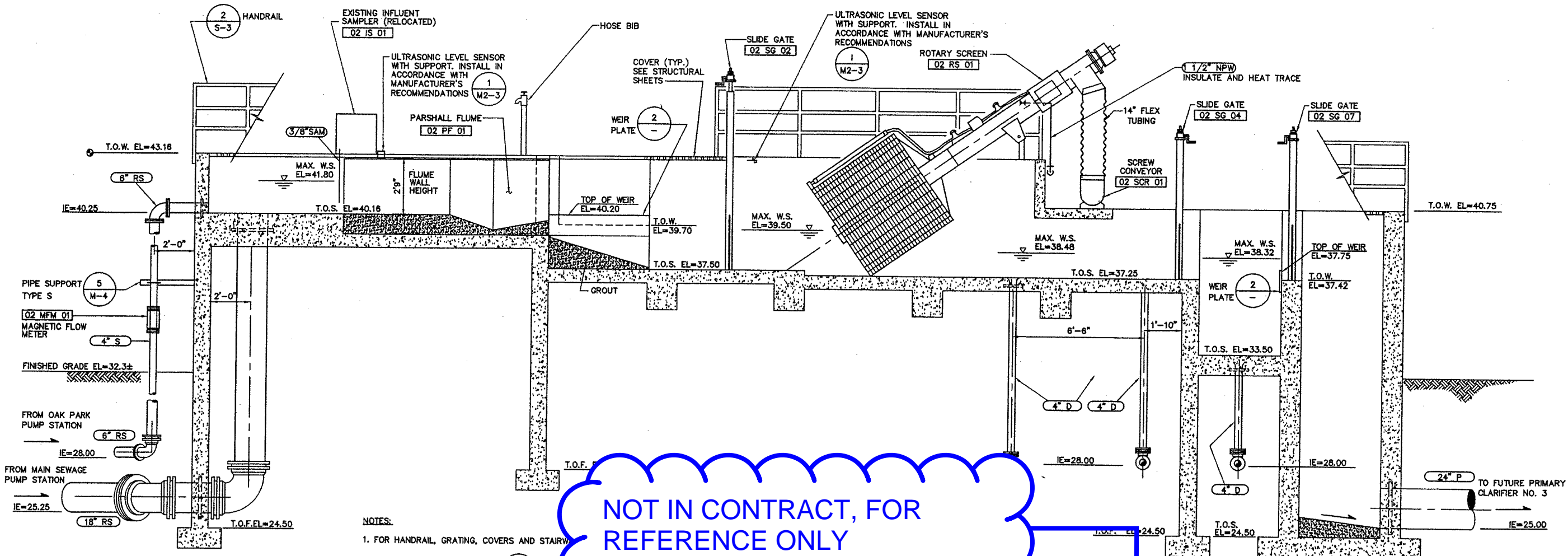


WEIR PLATE DETAIL (2)
NOT TO SCALE (TYP.)



SECTION (B)
NOT TO SCALE (TYP.)

- NOTES:
- WEIR BLADE SHALL BE SHARP CORNERED AND FREE OF NICKS, RUST, ROUGHNESS AND OTHER NON-COMFORMITIES RELATED TO FINELY TOOLED, PLATED EDGES
 - APPLY NON-SET MASTIC GASKET BETWEEN WEIR BLADE AND CONCRETE.



- NOTES:
- FOR HANDRAIL, GRATING, COVERS AND STAIRW
 - FOR PIPE PENETRATIONS, SEE (M-5)
 - FOR SLIDE GATE INFORMATION, SEE (M-6)
 - FOR ODOR CONTROL PLAN, SEE HVAC DRAWINGS.

NOT IN CONTRACT, FOR REFERENCE ONLY

SECTION
SCALE: 3/8" = 1'-0" (M2-1)

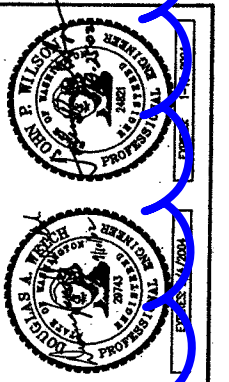
RECORD DRAWING
Based upon best available information obtained during construction.
Date: **SEPTEMBER 2002**
By: **M.A.N.**
Checked By: *Sherry Weller*



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DATE: JULY 1998	SCALE: NOTED	DRAWN: J.N.	CHECKED: A.W.	APPROVED: J.P.W.
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NO.	REVISION	DATE	APPD



CITY OF CAMAS
CLARK COUNTY WASHINGTON
WASTEWATER TREATMENT FACILITIES IMPROVEMENTS
HEADWORKS - SECTION 3

SHEET: **M2-2**
OF: **6**
DWG: **GHWK-MC**