

## City of Craig

**To:** City Administration/City Council  
**From:** Carl R. Ray  
**cc:** Mark Sollenberger, Liz White  
**Date:** 10/23/20  
**Re:** WWTP Handrail Replacement Project

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The WWTP Handrail Replacement Project was proposed to replace weak, poorly attached handrailing at the Wastewater Treatment Plant. The approved 2020 City of Craig Capital Budget has \$60,000.00 for this project. Competitive bids were solicited, a mandatory pre-bid meeting was held, and an addendum was issued regarding this project. The bids were opened October 22<sup>nd</sup>, 2020. Please refer to the bid tab sheet, individual bids and recommendation letter from our engineer in the council packet for further information on the WWTP Handrail Replacement Project.

After careful review of the engineer's recommendation and review of the bids. I recommend that we defer to the engineer's recommendation accepting the bid from Faultless Fusion, LLC. I agree with the engineer that the bid from Power Source Services is incomplete and exclusions listed are required aspects of the project per the project manual.

That being said, it is difficult to know whether change orders or additions due to the exclusions and lack of a complete bid would account for the difference in price between the two bidders. We have had projects with Power Source Services where the final dollar amount of the project was much higher than the proposed amount and/or additional work was necessary that should have been anticipated in the proposals. The handrailing at the WWTP has a high degree of detail and there would be a high cost for engineering to have detailed drawings of all the intricacies of the handrailing. The bid documents expect the successful bidder to adjust their bid to account for some field fitting and planning of the handrailing sections, not to request a change order for each and every minor modification.

October 23, 2020

Liz White  
City Clerk  
City of Craig  
300 W 4<sup>th</sup> Street  
Craig, CO 81625

**RE: Bid Evaluation Recommendation – Wastewater Treatment Plant Handrail Replacement Project**

Dear Ms. White,

The purpose of this letter is to provide a Contractor recommendation for the City of Craig Wastewater Treatment Plant Handrail Replacement Project. The project was competitively bid for three weeks with bids due October 22, 2020. Two bids were received; the bid tabulation is attached. Both bidders attended the mandatory pre-bid meeting, acknowledged the Addenda issued during the bidding period, and acknowledged the project completion dates.

The low bid was received from Power Source Services (PSS) based in Craig, Colorado. The bid prepared by PSS totaled \$28,500.00. The higher bid was received from Faultless Fusion, LLC., based in Clifton, Colorado, totaling \$46,036.00. The City budgeted \$60,000.00 for this project. Both bidders are qualified for the scope of work for this project.

The City has prior experience working with PSS, most recently installing handrail at the Wastewater Treatment Plant around the Wet Wells. SGM understands PSS originally quoted the City \$9,950.00 to complete the project; however, PSS ultimately billed \$11,339.49 as they underestimated the time to complete the project. SGM has reviewed PSS bid for this project and found the bid to be incomplete. The majority of the exclusions listed in their bid are required to be provided per the Contract Documents and should be reflected in their bid price. SGM believes the low bid number reflects the intent to request change orders throughout the project as was the case during the handrail installation around the Wet Wells.

SGM reviewed the submitted bid package prepared by Faultless Fusion, LLC and found the bid to be complete. SGM has prior working experience with Faultless Fusion, LLC, most recently fabricating a stainless steel valve stem for the City of Craig East Barclay Tank in addition to a fabricated stainless steel ladder for the Town of Breckenridge. The quality of work was exceptional in both instances. The City is welcome and encouraged to contact Town of Breckenridge for independent recommendations. A contact can be provided upon request. SGM believes the bid total submitted by Faultless Fusion, LLC is more in-line with the anticipated project budget.

SGM recommends the City of Craig enter into a contract with Faultless Fusion, LLC, for the Wastewater Treatment Plant Handrail Replacement Project.

If you have any questions, please contact me at 970-964-7206.

Respectfully,

**SGM Inc.**



Theresa Weidmann, PE  
Project Manager and Senior Engineer, SGM

**Project Name: City of Craig Wastewater Treatment Plant Handrail Replacement**

Project Number: 2013-520.024

[illegible]



## ADDENDUM ORDER

ORDER NO.	1
DATE:	10/14/2020
BID DATE:	10/22/2020

NAME OF PROJECT: City of Craig Wastewater Treatment Plant Handrail Replacement Project

OWNER: City of Craig

ENGINEER: SGM

This is a twelve (12) page addendum. Contact Theresa Weidmann at [theresaw@sgm-inc.com](mailto:theresaw@sgm-inc.com) if you do not receive this addendum in its entirety.

### Clarifications:

- 1) Bids may be submitted electronically to the attention of Liz White at [LWHITE@ci.craig.co.us](mailto:LWHITE@ci.craig.co.us) or delivered in-person to City Hall as directed on the Advertisement for Bid.
- 2) Stainless steel toe plates meeting the requirements of the Contract Documents and OSHA shall be installed on the existing stainless steel handrail around the wet well.

### The following revisions are hereby made to the CONTRACT DOCUMENTS:

1. Specification Section 00300, Bid Form. Line Item 5 added for addition of Wet Well Toe Plate.
2. Specification Section 01025, Measurement and Payment. Section 1.08.E added for Bid Line Item #5 – Wet Well Toe Plate.
3. Additional handrail details provided on Drawing Sheet S1.

### The following attachments are included with this Addendum:

1. Revised Specification Section 00300.
2. Revised Specification Section 01025
3. Revised Drawing Sheet S1.
4. PS Doors Safety Gate Data Sheet.
5. 1981 Drawing Sheet 5 for Wet Well Dimensions.

Addendum to be acknowledged in Bid response.



**SECTION 00300**

**BID FORM**

Proposal of Faultless Fusion, LLC (hereinafter called "BIDDER"), organized and existing under the laws of the State of Colorado, doing business as Faultless Fusion, LLC, to City of **Craig, Colorado** (hereinafter called "OWNER")

In compliance with your Advertisement for Bids, BIDDER hereby proposes to perform all WORK for the construction of the **Wastewater Treatment Plant Handrail Replacement project** in strict accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below.

By submission of the BID, each BIDDER certifies, and in the case of a joint BID, each party has been arrived at independently, without consultation, communication, or agreement as to any matter relating to the BID with any other BIDDER or with any competitor.

BIDDER has visited the site and become familiar with and is satisfied as to the general, local and site conditions that may affect cost, progress, performance and finishing of the WORK.

BIDDER has correlated the information known to BIDDER, information and observations obtained from visits to the site, reports and drawings identified in the CONTRACT DOCUMENTS and all additional examinations, investigations, explorations, tests, studies and data with the CONTRACT DOCUMENTS.

BIDDER has given OWNER written notice of all conflicts, errors, ambiguities or discrepancies that BIDDER has discovered in the CONTRACT DOCUMENTS and the written resolution thereof by the OWNER is acceptable to the BIDDER, and the CONTRACT DOCUMENTS are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the WORK for which this BID is submitted.

BIDDER hereby agrees to commence WORK under this contract on or before a date to be specified in the NOTICE TO PROCEED and to:

Substantially complete the PROJECT by **December 23, 2020** and to finally complete by **December 31, 2020**.



BIDDER further agrees to pay as liquidated damages, the sum of **One Thousand** (\$1,000.00) for each consecutive calendar day after December 23, 2020, until reaching substantial completion,

BIDDER further agrees to pay as liquidated damages, the sum of **Two Thousand** (\$2,000.00) for each consecutive calendar day until final completion as provided in the Supplementary General Conditions.

BIDDER acknowledges receipt of the following ADDENDA:

Addenda #1

Addenda #2

Addenda #3

BIDDER will complete the WORK in accordance with the CONTRACT DOCUMENTS for the following price(s):

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
1	Mobilization/Demobilization, Performance & Payment Bonds	LS	1	\$ 5500	\$ 5500
2	Grit Chamber Handrail	LS	1	\$ 116041. <sup>00</sup>	\$ 116041. <sup>00</sup>
3	Parshall Flume Handrail	LS	1	\$ 12841. <sup>00</sup>	\$ 12841. <sup>00</sup>
4	Bar Screen Channel Handrail	LS	1	\$ 9254. <sup>00</sup>	\$ 9254. <sup>00</sup>
5	Wet Well Toe Plate	LS	1	\$ 2400. <sup>00</sup>	\$ 2400. <sup>00</sup>

Total for all Base Bid Prices:

Total Bid:

Forty six thousand thirty six dollars  
(Written)

\$ 46036.<sup>00</sup>

(Numbers)


Adjustment prices are subject to acceptance by BUYER, and rejection of one or more adjustment prices will not invalidate acceptance of the Bid.

BIDDER acknowledges quantities are not guaranteed and final payment will be based on actual quantities determined as provided in the Contract Documents.



Respectfully submitted:

\* Insert "a corporation", "a partnership", or "an individual", as applicable.



Signature

3373 F RD Clifton, CO 81520

Address

Office Manager

Title

Faultless Fusion, LLC

Firm Name

970-270-3007

Telephone

(SEAL, if Bid is by a corporation)

ATTEST:

Name

END OF SECTION



## **SECTION 01025**

### **MEASUREMENT AND PAYMENT**

#### **PART 1 GENERAL**

##### **1.01 SUMMARY**

- A. This section describes the procedure for Application for Payment by the Contractor. This section establishes the basis of payment, application format, application content and application review process required by the Owner before they will process the application for actual payment.

##### **1.02 FORMAT AND DATA REQUIRED**

- A. Submit Applications for Payment and all other required forms and information to the Engineer.
- B. Provide itemized data on continuation sheets.
- C. Format, schedules, line items, and values: Those of the approved Schedule of Values.

##### **1.03 PREPARATION OF APPLICATION FOR EACH PROGRESS PAYMENT**

- A. Prepare Application for Payment and all other required information to Engineer in accordance with terms and schedule established in the General Conditions, Supplemental General Conditions and the Agreement Between Owner and Contractor, or as otherwise negotiated between Owner and Contractor.
- B. Application Form:
  - 1. Required information completed, including that for Change Orders executed prior to the date of submittal of application.
  - 2. Summary of dollar values to agree with the respective totals indicated on the continuation sheets.
- C. Continuation Sheets:
  - 1. Total list of all scheduled component items of Work, with item number and the scheduled dollar value for each item.
  - 2. Dollar value in each column for each scheduled line item when work has been performed.
  - 3. Each Change Order executed prior to the date of submission shall be listed at the end of the continuation sheets.
  - 4. List by Change Order number and description as for an original component item of work.
- D. Contractor shall execute certification with the signature of a responsible officer of the Contractor's firm.



#### 1.04 SCHEDULE OF VALUES

- A. Refer to General Conditions for requirements.
- B. Where payment is to be based on unit bid prices, correlate Schedule of Values with bid items.
- C. Where payment is to be based on fixed price, correlate Schedule of Values with divisions and sections of specifications, unless otherwise approved by the Engineer.

#### 1.05 PREPARATION OF APPLICATION FOR FINAL PAYMENT

- A. Contractor shall complete Application form as specified for progress payments.
- B. Continuation sheets used for presenting the final statement of accounting as specified in Section 01700-Contract Closeout.

#### 1.06 SUBMITTAL PROCEDURE

- A. Submit Application for Payment and all required information to Engineer for review in accordance with the established schedule. Application and all related forms shall be properly executed by signature of a responsible officer of the Contractor's firm.
- B. Engineer to review and verify Application for Payment within established schedule. Contractor shall make corrections noted by Engineer and re-submit three copies of Application to Engineer.
- C. When Engineer finds the Application complete and correct, Engineer will transmit two copies of the complete Application packet to Owner for processing.

#### 1.07 BASIS OF PAYMENT

##### A. LUMP SUM PRICES

- 1. Where lump sum prices are given for a described portion of the work, that price shall cover all materials, equipment and labor necessary to acquire, deliver, store and install that portion of the work, complete and in place, as shown and indicated in the drawings and as described in the Project Manual.
- 2. Quantities given in the bid form are estimates for the purpose of evaluating bids. Consequently, some differences may arise in actual and bid quantities.
- 3. Quantities given for lump sum items, including earthwork, are estimates only. The Contractor should satisfy himself as to the actual quantities required to complete the work described in the plans and these specifications. Unit costs for earthwork will not be employed to determine payment.

##### B. UNIT PRICE BID ITEMS

- 1. Payment for work included in unit price bid items shall be based on the completed value of each unit in such quantity actually installed as measured and determined by the Engineer unless the approved Schedule of Values provides sufficient detail for measurement and payment of partial progress of work.
- 2. Unit pricing shall include all materials, equipment and labor necessary to complete the bid item as shown and indicated in the project documents.



3. Quantities given in the bid form are estimates for the purpose of evaluating bids. Consequently, some differences may arise in actual and bid quantities.
4. Contractor or Owner may request re-negotiation of Unit Price for an item if the actual field measured work done for that item differs from the estimated quantity by more than 50% under the following terms:
  - a. Contractor shall not make any claim for damages for any work item for which the actual field measurement does not differ from the estimated quantity by more than 50%, higher or lower.
  - b. Re-negotiated Unit Prices shall be based on actual costs to Contractor for the specific work item plus a reasonable allowance for overhead and profit.
  - c. Re-negotiating the Unit Price shall not increase or decrease the Unit Price by more than 10 percent.
  - d. Contractor shall submit to Owner satisfactory data substantiating the actual costs and overhead rate to perform the Work covered by the Unit Price being re-negotiated.
5. No payment will be made if the entire bid item is unused.

C. MINOR CONTRACT REVISIONS

1. If provided on the Bid Schedule, the Minor Contract Revisions line item is for the sole use of Owner at Owner's discretion for changes to the project.
2. The Contractor shall include the dollar amount provided by the Owner for Minor Contract Revisions in his base bid total.
3. The intent of this line item is provide the Owner's designated project manager a mechanism to approve minor changes to the work, either from Contractor requested changes or from Owner modification, without unnecessary project delay and without further approval by the Owner.
4. The Owner shall retain all unused monies in this line item.
5. The Owner shall direct Contractor in writing when this line item is to be used along with the amount to be included in the Application for Payment.

D. ALLOWANCES

1. If provided on the Bid Schedule, an Allowance line item is for the sole use of Owner at Owner's discretion for changes to the project.
2. Allowance line items shall be administered per conditions of GC-11.02.
3. The Owner shall direct Contractor in writing when this line item is to be used along with the all pertinent specifying information for purchase by contractor.
4. Contractor shall submit purchase receipts documenting the cost of owner requested materials with pay application for reimbursement.

1.08 BID ITEMS

A. Bid Item #1 – Mobilization/Demobilization and Performance and Payment Bonds

1. Description
  - a. This line item is for fixed costs associated with acquiring and providing performance and payment bonds and for fixed costs associated with mobilization and demobilization.
2. Specific inclusions, exclusions or special considerations
  - a. This line item shall include all labor, materials and equipment involved with all fixed costs for the Work; mobilization and de-mobilization, bond and insurance costs.



3. Payment Basis
  - a. Lump Sum
- B. Bid Item #2 – Grit Chamber Handrail
  1. Description
    - a. This line item is for the demolition and disposal of existing handrail, attachments, safety chains and safety gates constructed at the Grit Chamber and design, supply, and installation of new 304 stainless steel handrail, toe plates, attachments, safety chains and safety gates.
  2. Specific inclusions, exclusions or special considerations
    - a. This line item shall include demolition and disposal of existing aluminum handrail, attachments, safety chains and safety gates constructed at the Grit Chamber.
    - b. This line item shall include all design, labor, materials, and equipment to design, fabricate, and install new handrail, toe plates, attachments, safety chains and safety gates meeting OSHA requirements.
  3. Payment Basis
    - a. Lump Sum
- C. Bid Item #3 – Parshall Flume Handrail
  1. Description
    - a. This line item is for the demolition and disposal of existing handrail, attachments, safety chains and safety gates constructed at the Parshall Flume and design, supply, and installation of new 304 stainless steel handrail, attachments, safety chains and safety gates.
  2. Specific inclusions, exclusions or special considerations
    - a. This line item shall include demolition and disposal of existing aluminum handrail, attachments, safety chains and safety gates constructed at the Parshall Flume.
    - b. This line item shall include all design, labor, materials, and equipment to design, fabricate, and install new handrail, toe plates, attachments, safety chains and safety gates meeting OSHA requirements.
  3. Payment Basis
    - a. Lump Sum
- D. Bid Item #4 – Bar Screen Channel Handrail
  1. Description
    - a. This line item is for the demolition and disposal of existing handrail, attachments, safety chains and safety gates constructed at the Bar Screen Channel and design, supply, and installation of new 304 stainless steel handrail, attachments, safety chains and safety gates.
  2. Specific inclusions, exclusions or special considerations
    - a. This line item shall include demolition and disposal of existing aluminum handrail, attachments, safety chains and safety gates constructed at the Bar Screen Channel.
    - b. This line item shall include all design, labor, materials, and equipment to design, fabricate, and install new handrail, toe plates, attachments, safety chains and safety gates meeting OSHA requirements.
  3. Payment Basis
    - a. Lump Sum



E. Bid Item #5 – Wet Well Toe Plate

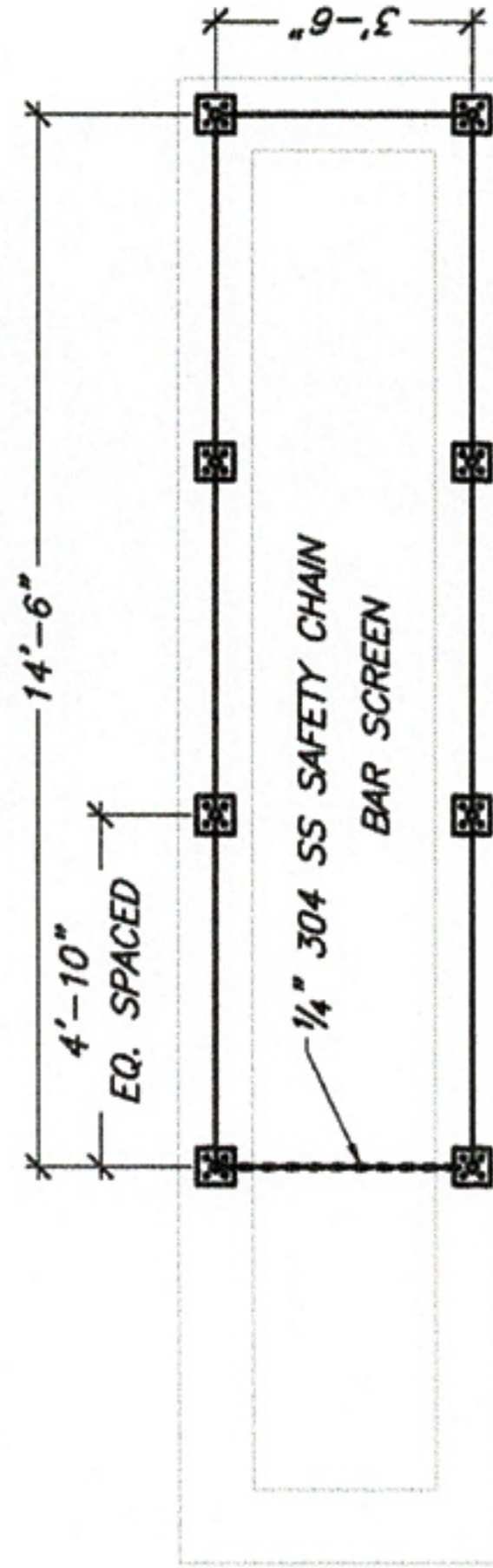
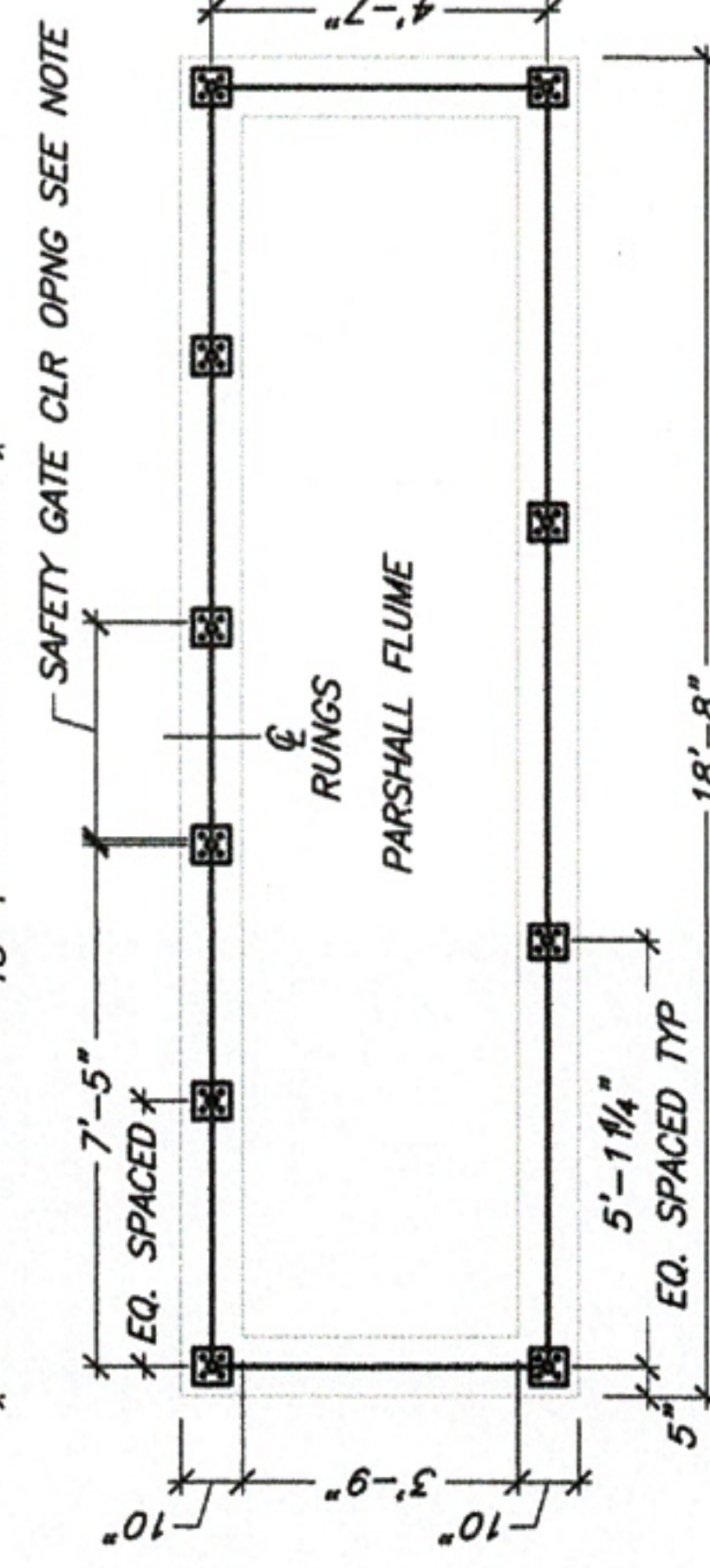
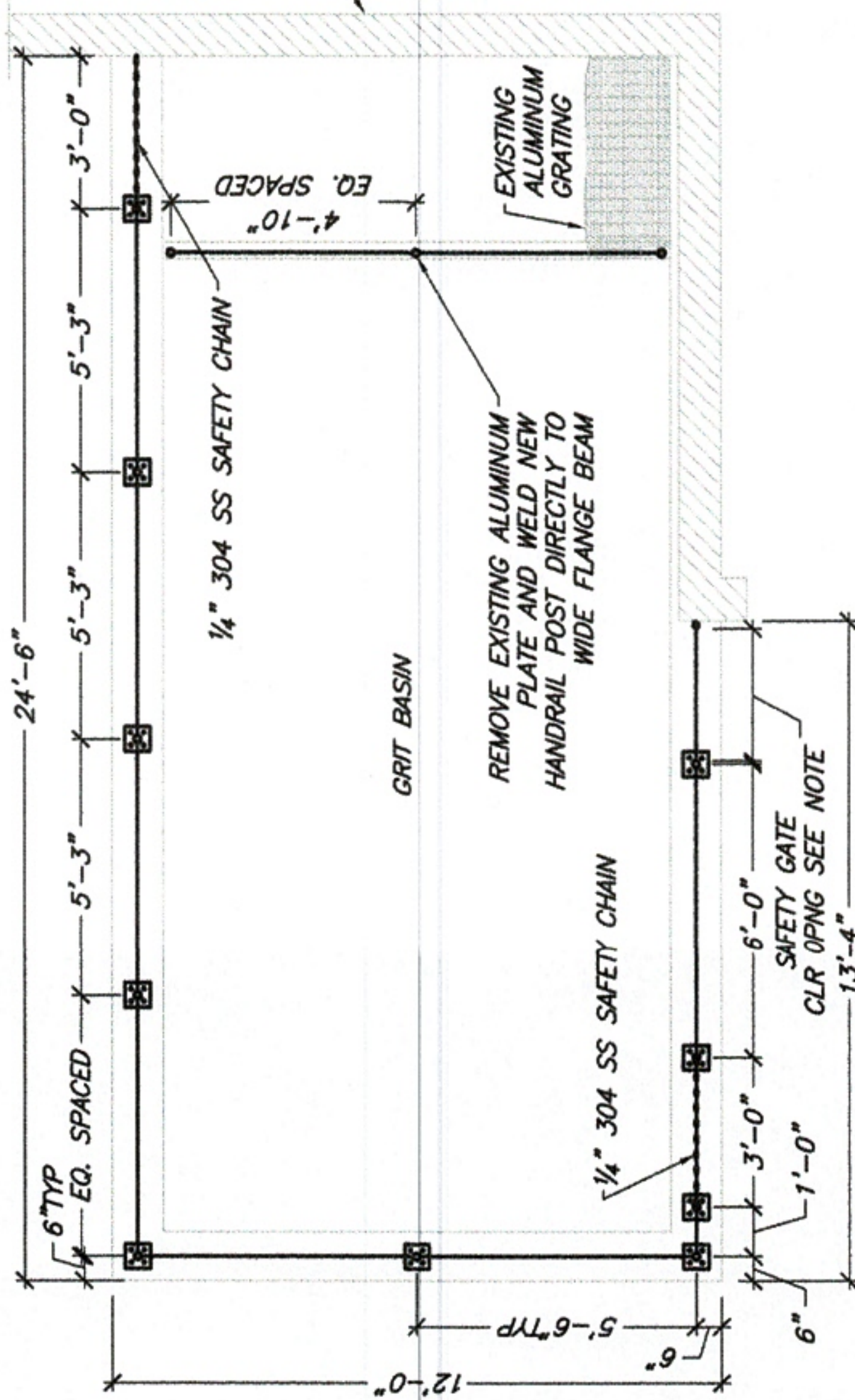
1. Description
  - a. This line item is for the supply and installation of new 304 stainless steel toe plates to the existing stainless steel handrail around the existing wet well.
2. Specific inclusions, exclusions or special considerations
  - a. This line item shall include all design, labor, materials, and equipment to design, fabricate, and install handrail toe plates meeting OSHA requirements.
3. Payment Basis
  - a. Lump Sum

**END OF SECTION**



## GENERAL NOTES

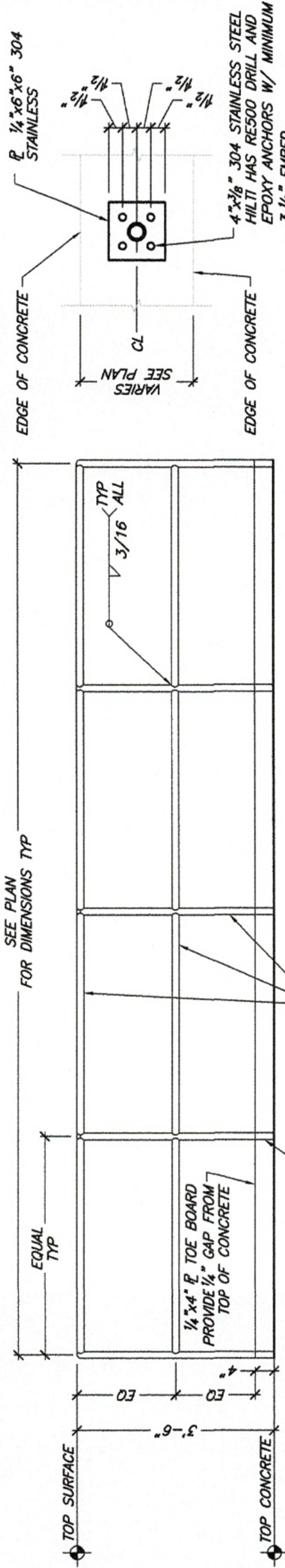
1. ALL DIMENSIONS ON DRAWINGS SHALL BE FIELD VERIFIED. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND OWNER PRIOR TO DEVELOPING FABRICATION SHOP DRAWINGS.
2. DIMENSIONS SHOWN ARE TAKEN FROM THE SEWERAGE IMPROVEMENTS, CRAIG, COLORADO, 1981 DRAWING SET PREPARED BY NORTON, UNDERWOOD & LAMB ENGINEERING ASSOCIATES.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE FABRICATION AND CONSTRUCTION WITH ALL EXISTING EQUIPMENT AND UTILITIES AND VERIFY SIZES AND LOCATIONS PRIOR TO DEVELOPING FABRICATION SHOP DRAWINGS.
4. EXISTING ALUMINUM HANDRAIL, SAFETY CHAINS, GATES, AND HARDWARE SHALL BE DEMOLISHED AND DISPOSED.
5. EXISTING HANDRAIL POSTS FOR THE GRIT BASIN AND BAR SCREEN AREAS SHALL BE CUT FLUSH WITH THE EXISTING CONCRETE. SURFACES OF EXPOSED REMAINING PIPING SHALL BE COATED WITH FILLED WITH SIKAGROUT 311/314.
6. ALL PRODUCTS USED SHALL BE APPROVED FOR WASTEWATER TREATMENT FACILITIES.
7. PROVIDE EPDM OR NEOPRENE GASKET MATERIAL UNDER ALL MOUNTING PLATES.
8. SELF CLOSING SAFETY GATES SHALL BE STAINLESS STEEL AS MANUFACTURED BY PS DOORS, MODEL #LSG-30-SS, WITH A CLEAR OPENING RANGE OF 28'-3/4" TO 32'-1/2".
9. REFER TO DETAIL 1 FOR HANDRAIL REQUIREMENTS; REFER TO DETAIL 2 FOR MOUNTING REQUIREMENTS.



PLAN

SCALE:  $1/4" = 1'-0"$

SEE PLAN  
FOR DIMENSIONS



HANDRAIL DETAIL

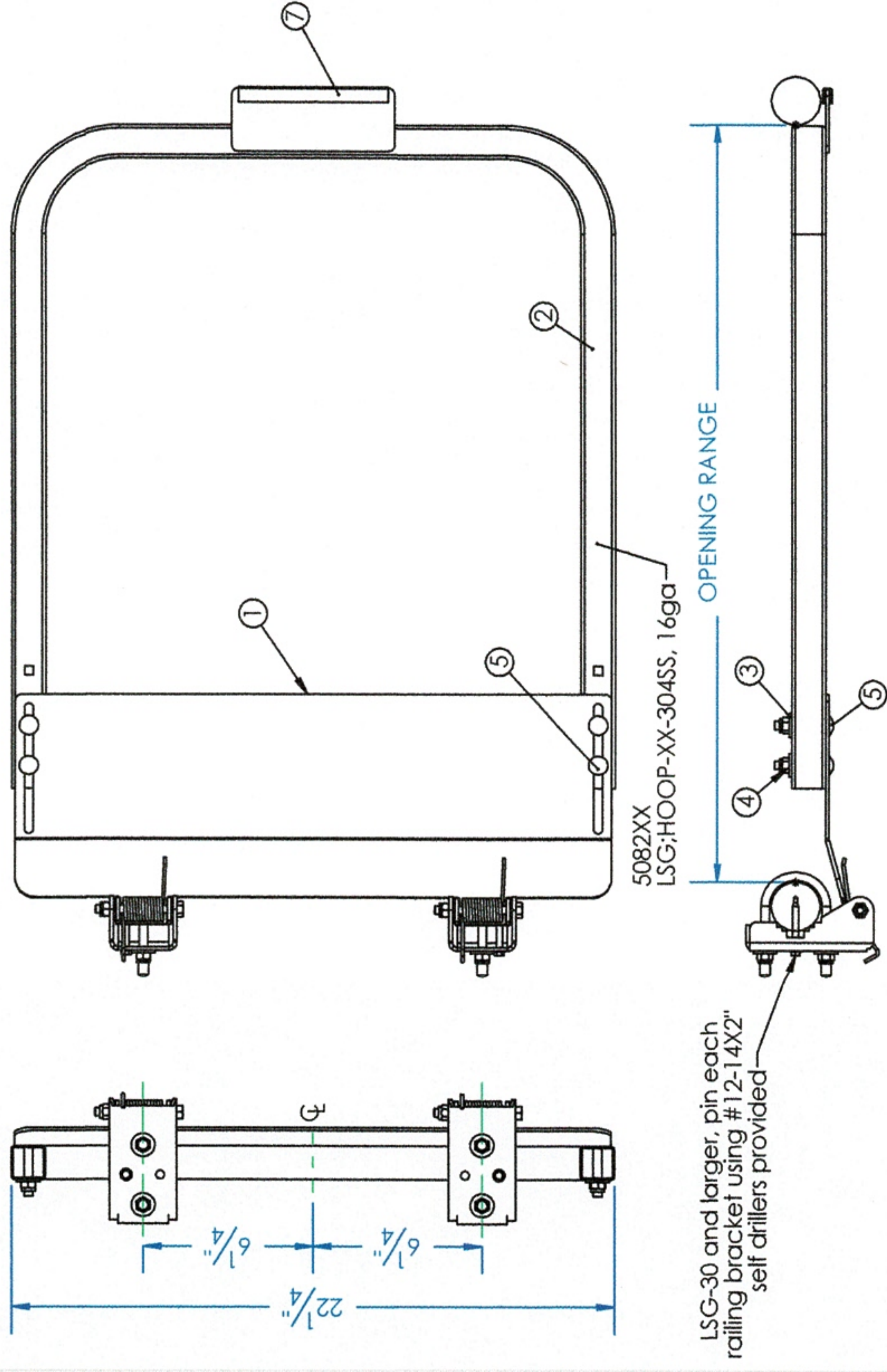
SCALE:  $\frac{1}{2}'' = 1'-0''$

*DETAIL*

**SCALE: 1" = 1'-0"**

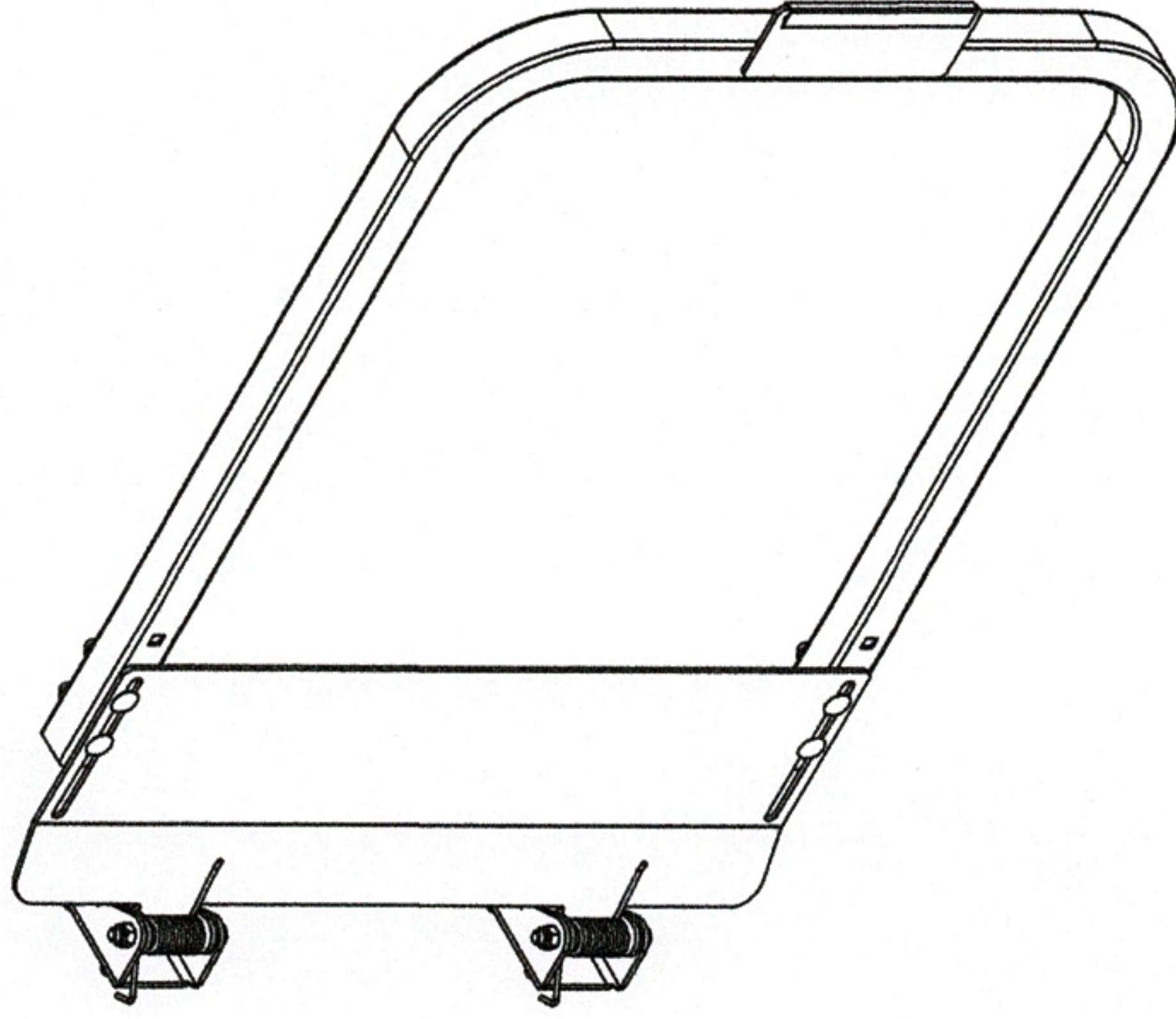


Model #	Description	*SST Hoop Weldment Part# (Item No. 2 in B.O.M.)	Opening Ranges
LSG-15-SS	Ladder Safety Gate SS 15	508218	13-3/4" - 17-1/2"
LSG-18-SS	Ladder Safety Gate SS 18	508219	16-3/4" - 20-1/2"
LSG-21-SS	Ladder Safety Gate SS 21	508220	19-3/4" - 23-1/2"
LSG-24-SS	Ladder Safety Gate SS 24	508221	22-3/4" - 26-1/2"
LSG-27-SS	Ladder Safety Gate SS 27	508222	25-3/4" - 29-1/2"
LSG-30-SS	Ladder Safety Gate SS 30	508223	28-3/4" - 32-1/2"
LSG-33-SS	Ladder Safety Gate SS 33	508224	31-3/4" - 35-1/2"
LSG-36-SS	Ladder Safety Gate SS 36	508225	34-3/4" - 38-1/2"



F:\Solid Works\Ladder Safety Gate (LSG) LSG 304SS\

ITEM NO	PART NO	DESCRIPTION	QTY
1	508233	LSG;Hinge Plate 304SS	1
2	5082XX*	LSG;Hoop-XX-304SS, 16GA	1
3	501948	Washer;Flat 5/16"X3/4",T316SS	4
4	501121	Nut;Nylock 5/16"X 18 316SS	4
5	506660	Bolt;Carraige5/16" 18X2" 316SS	4
ITEM NO	PART NO	DESCRIPTION	QTY
6	502076	LSG; Hardware Bag SST	1
6.1	500158	Bag Parts 4" X 6" Milcloth	1
6.2	500459	Bolt; "U" 5/16" 18X1-1/2" Pipe SS	2
6.3	501948	Washer; Flat 5/16" X 3/4",T316SS	4
6.4	501121	Nut;Nylock 5/16" 18, 316SS	2
6.5	500932	LSG; Cap Plastic for 5/16" bolt	4
6.6	506021	Screw;HexDrill14X2SS	2
7	502040	WS;Single Lip Trim, .390X.52	1
8	509210	LSG; Installation/O+M Manual	1



PART NAME: Ladder Safety Gate SS XX

PART #: LSG-XX-SS

This drawing is loaned with the expressed agreement that the drawing and information therein contained are the property of Production Specialties Corporation and will not be reproduced or copied in whole or in part nor used for the fabrication or construction of materials except upon the written permission of Production Specialties Corporation first obtained and specific as to use. The acceptance of this drawing will be construed as the acceptance of the foregoing agreement.

VENDOR:

VENDOR PART #:

MATERIAL: Type 304 Stainless Steel

DATE: 12/30/2010

DWG BY: EDS

CHECKED: 12/30/2010

SCALE: NTS

REV:

**PS DOORS**  
MANUFACTURING DIVISION

1150 S 48th ST  
GRAND FORKS, ND 58201  
PH. 701-746-4518  
FAX 701-746-8340

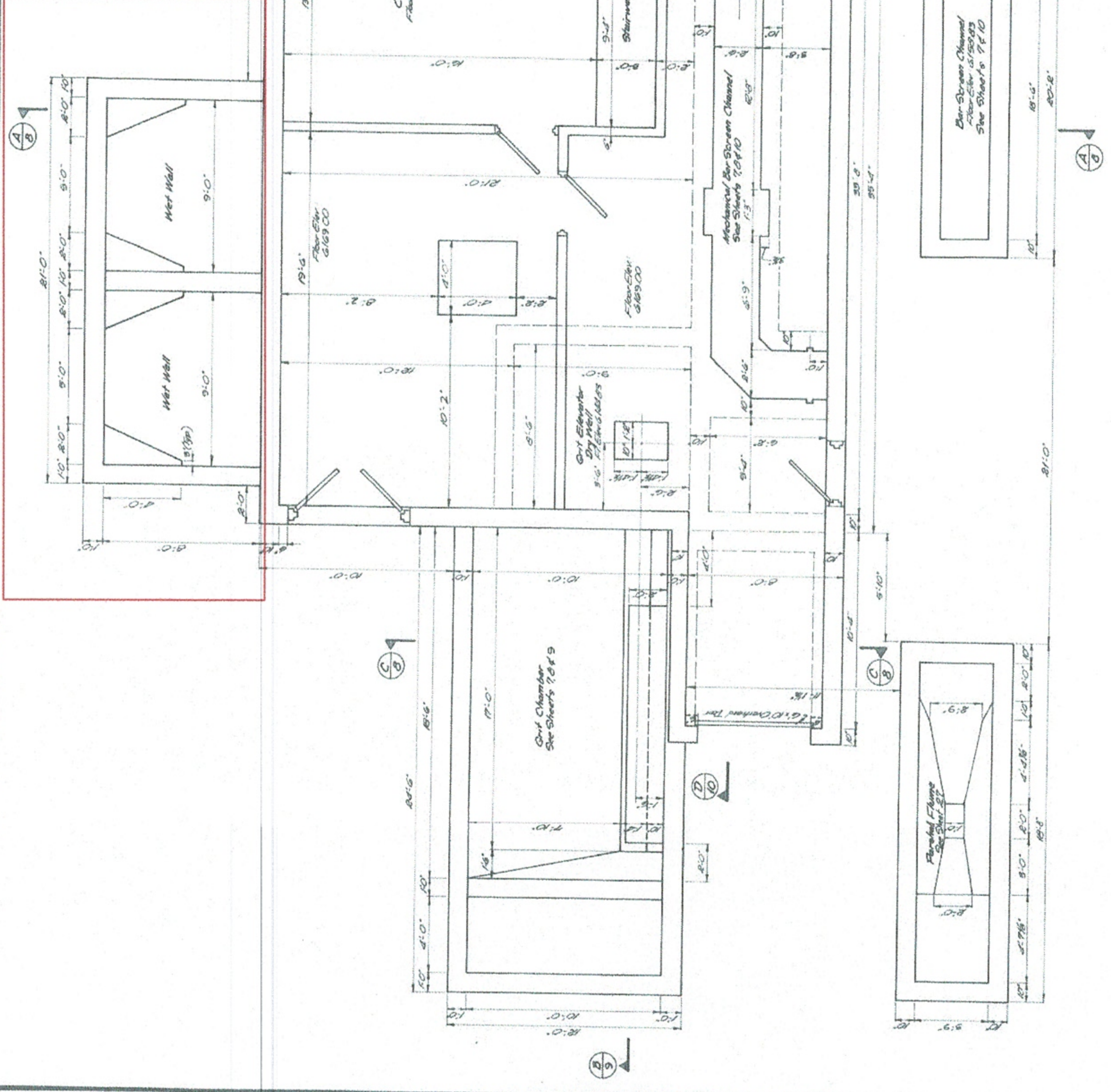


PLANT LIST

COMMON NAME	BOTANIC NAME	SIZE	ROOT	REMARKS	QUANTITY
Spruce, Colorado Blue	Alnus incana	Ave. 5" Ht.	Container or B & B	Nursery Crown	18
Flax, nodulosa	Pinus ponderosa	Ave. 5" Ht.	Container or B & B	Nursery Crown	9



EVERGREEN TREES  
(See Note)



DATE: 10-25-00	DESIGN: J. Underwood	DESIGNED: J. Underwood	PROJECT NO: 10000	ENGINEERING ASSOCIATES	CRAIG, COLORADO	PRETREATMENT AND CONTROL BUILDING	60	5
DATE: 10-25-00	DESIGN: J. Underwood	DESIGNED: J. Underwood	PROJECT NO: 10000	ENGINEERING ASSOCIATES	CRAIG, COLORADO	PRETREATMENT AND CONTROL BUILDING	60	5
DATE: 10-25-00	DESIGN: J. Underwood	DESIGNED: J. Underwood	PROJECT NO: 10000	ENGINEERING ASSOCIATES	CRAIG, COLORADO	PRETREATMENT AND CONTROL BUILDING	60	5





2101 S. Ranney Craig, CO 81625

Wednesday, October 21, 2020

Attn: Theresa Weidmann  
Re: Waste Water Handrail.

**Total: \$28,500**

Theresa,

Power Source Services Inc. is pleased to provide you with this proposal for the Waste Water Handrail.. This price is to include all required Labor, Supervision, Materials, Consumables, and Equipment, to complete the scope of work as described below.

#### SCOPE OF WORK

Quote for handrails for City of Craig Wastewater Treatment Plant.

1. All materials to be 304 stainless steel.
2. Pipe 1 1/2" sch 40, standard mill finish, **not polished**.
3. Safety chains included are 9/32" and would have a 300# rated snap hook at one end of each.
4. Install all prefabricated handrails by Dec 23<sup>rd</sup>.
5. Provide a bond for the project

Original Drawings to be modified to show installed dimensions. No shop drawings or engineering included.

Price assumes all four locations to be awarded. Price does not reflect any of these being eliminated.

#### PROJECT CLARIFICATIONS

- ☐ This proposal is based on 4 10's time labor schedule only. Additional overtime hours required to accelerate the schedule will be extra.
- ☐ Basic Freight costs for materials shipped to the site are included. Expedition will be additional costs.
- ☐ Owner will provide receptacles for the disposal of any materials that are removed from the plant equipment or provide location for storage.
- ☐ Owner shall provide all permits, clearances and project access in a timely manner. Any delays may result in additional cost.

#### Bid Notes and Clarifications:

1. This proposal only includes the quantities listed above in the scope of work. Any quantities greater than those listed per line item or drawing numbers will be considered extra and be reimbursable at agreed upon time and material rates, or cost + 10% mark up.

Power Source Services Inc.  
P.O. Box 926  
Craig, CO. 81626

office (970) 826-0836  
fax (970) 826-0839  
[pssc Colorado@gmail.com](mailto:pssc Colorado@gmail.com)

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Trever R Hyer 970-620-3402  
Danny Roberts 970 846-6219  
Amber Fross- Office Manager



2101 S. Ranney Craig, CO 81625

Wednesday, October 21, 2020

2. This proposal is based on drawings received and includes listed items provided in job walk. Field modifications, cuts, hangers, protrusions, clips, additional material, fittings, additional demolition etc. not specifically detailed on the drawings or addressed in the scope of work, will be considered extra and be billed back at mutually agreed upon rates.

3. Price does not include costs associated with work stoppage due to owner or facility operational delays. Lost time will be billed back to Customer, at mutually agreed upon rates for labor, travel and per diem.

4. This proposal is based on all work being performed continuously and without interruption.

**GENERAL:**

1. This proposal is based on a 40 hr work week, performing all work continuously.

a. Overtime required to accelerate schedule other than set in RFQ will entitle PSS to additional compensation based on labor hours, additional supervision and material expediting.

b. Proposed completion dates are based on conditions as outlined in the request for quote. Or as discussed and agreed upon with owner user.

c. If PSS has 25+ employees working onsite during the time of this project, Safety personnel hours will be applied in addition to this contract.

2. Sanitary facilities, dumpsters and hazardous waste containers shall be supplied and emptied by others at no cost to PSS.

3. Proposal price is good for labor for 60 days, material for 30 days from the date of this proposal due to material escalation prices

4. Any forthcoming contract will include this proposal as an attachment to the contract.

Power Source Services Inc.  
P.O. Box 926  
Craig, CO. 81626

office (970) 826-0836  
fax (970) 826-0839  
[pssc Colorado@gmail.com](mailto:pssc Colorado@gmail.com)

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Trever R Hyer 970-620-3402  
Danny Roberts 970 846-6219  
Amber Fross- Office Manager




2101 S. Ranney Craig, CO 81625

Wednesday, October 21, 2020

**5. Payment Terms:**

- a. All material will be billable once delivered, off loaded and stored onsite.
- b. All labor will be based on percentage complete as agreed to by PSS and owners representative.
- c. Invoices are due for payment 30 days from invoice date.  
Invoices shall be paid in full, No early payment discounts are offered.
- d. All projects are subject to monthly billing. Invoices will be due for payment 30 days from invoice date.
- 6. Environmental controls if required shall be by others at no cost to PSS or reimbursable at cost + 10 % mark up
- 7. Proposal pricing is based on one Mobilization and one De-mobilization charge. Additional Mobilization and Demobilization will be an additional cost.
- 8. Proposal pricing includes travel time, subsistence and actual application labor to complete the work as described.
- 9. Upon acceptance of this proposal and a written contract in place, material orders will be placed and a working schedule developed based upon product delivery.

Sincerely,

  
Trever R Hyer.  
Superintendent

Power Source Services Inc.  
P.O. Box 926  
Craig, CO. 81626

office (970) 826-0836  
fax (970) 826-0839  
[pssc Colorado@gmail.com](mailto:pssc Colorado@gmail.com)  
Page 3 of 3

Trever R Hyer 970-620-3402  
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## SECTION 00300

### BID FORM

Proposal of Power Source Services (hereinafter called "BIDDER"), organized and existing under the laws of the State of Colorado, doing business as \_\_\_\_\_, to **City of Craig, Colorado** (hereinafter called "OWNER")

In compliance with your Advertisement for Bids, BIDDER hereby proposes to perform all WORK for the construction of the **Wastewater Treatment Plant Handrail Replacement project** in strict accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below.

By submission of the BID, each BIDDER certifies, and in the case of a joint BID, each party has been arrived at independently, without consultation, communication, or agreement as to any matter relating to the BID with any other BIDDER or with any competitor.

BIDDER has visited the site and become familiar with and is satisfied as to the general, local and site conditions that may affect cost, progress, performance and finishing of the WORK.

BIDDER has correlated the information known to BIDDER, information and observations obtained from visits to the site, reports and drawings identified in the CONTRACT DOCUMENTS and all additional examinations, investigations, explorations, tests, studies and data with the CONTRACT DOCUMENTS.

BIDDER has given OWNER written notice of all conflicts, errors, ambiguities or discrepancies that BIDDER has discovered in the CONTRACT DOCUMENTS and the written resolution thereof by the OWNER is acceptable to the BIDDER, and the CONTRACT DOCUMENTS are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the WORK for which this BID is submitted.

BIDDER hereby agrees to commence WORK under this contract on or before a date to be specified in the NOTICE TO PROCEED and to:

Substantially complete the PROJECT by **December 23, 2020** and to finally complete by **December 31, 2020**.



BIDDER further agrees to pay as liquidated damages, the sum of **One Thousand** (\$1,000.00) for each consecutive calendar day after December 23, 2020, until reaching substantial completion,

BIDDER further agrees to pay as liquidated damages, the sum of **Two Thousand** (\$2,000.00) for each consecutive calendar day until final completion as provided in the Supplementary General Conditions.

BIDDER acknowledges receipt of the following ADDENDA:

Addenda #1

Addenda #2

Addenda #3

BIDDER will complete the WORK in accordance with the CONTRACT DOCUMENTS for the following price(s):

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
1	Mobilization/Demobilization, Performance & Payment Bonds	LS	1	\$	\$ 3,993.00
2	Grit Chamber Handrail	LS	1	\$	\$ 7,996.00
3	Parshall Flume Handrail	LS	1	\$	\$ 7,006.00
4	Bar Screen Channel Handrail	LS	1	\$	\$ 5,906.00
5	Wet Well Toe Plate	LS	1	\$	\$ 3,599.00

Total for all Base Bid Prices:

Total Bid: twenty eight thousand five hundred dollars and no cents

(Written)

\$28,500.00

(Numbers)

Adjustment prices are subject to acceptance by BUYER, and rejection of one or more adjustment prices will not invalidate acceptance of the Bid.

BIDDER acknowledges quantities are not guaranteed and final payment will be based on actual quantities determined as provided in the Contract Documents.

Respectfully submitted:

\* Insert "a corporation", "a partnership", or "an individual", as applicable.

*Trever Hyer*

Signature

2101 S Ranney Craig, CO 81625

Address

Superintendent

Title

Power Source Services Inc.

Firm Name

970-826-0836

Telephone

**(SEAL, if Bid is by a corporation)**

ATTEST: Trever Hyer

Name

**END OF SECTION**

## SECTION 01025

### MEASUREMENT AND PAYMENT

#### PART 1 GENERAL

##### 1.01 SUMMARY

- A. This section describes the procedure for Application for Payment by the Contractor. This section establishes the basis of payment, application format, application content and application review process required by the Owner before they will process the application for actual payment.

##### 1.02 FORMAT AND DATA REQUIRED

- A. Submit Applications for Payment and all other required forms and information to the Engineer.
- B. Provide itemized data on continuation sheets.
- C. Format, schedules, line items, and values: Those of the approved Schedule of Values.

##### 1.03 PREPARATION OF APPLICATION FOR EACH PROGRESS PAYMENT

- A. Prepare Application for Payment and all other required information to Engineer in accordance with terms and schedule established in the General Conditions, Supplemental General Conditions and the Agreement Between Owner and Contractor, or as otherwise negotiated between Owner and Contractor.
- B. Application Form:
  - 1. Required information completed, including that for Change Orders executed prior to the date of submittal of application.
  - 2. Summary of dollar values to agree with the respective totals indicated on the continuation sheets.
- C. Continuation Sheets:
  - 1. Total list of all scheduled component items of Work, with item number and the scheduled dollar value for each item.
  - 2. Dollar value in each column for each scheduled line item when work has been performed.
  - 3. Each Change Order executed prior to the date of submission shall be listed at the end of the continuation sheets.
  - 4. List by Change Order number and description as for an original component item of work.
- D. Contractor shall execute certification with the signature of a responsible officer of the Contractor's firm.

#### 1.04 SCHEDULE OF VALUES

- A. Refer to General Conditions for requirements.
- B. Where payment is to be based on unit bid prices, correlate Schedule of Values with bid items.
- C. Where payment is to be based on fixed price, correlate Schedule of Values with divisions and sections of specifications, unless otherwise approved by the Engineer.

#### 1.05 PREPARATION OF APPLICATION FOR FINAL PAYMENT

- A. Contractor shall complete Application form as specified for progress payments.
- B. Continuation sheets used for presenting the final statement of accounting as specified in Section 01700-Contract Closeout.

#### 1.06 SUBMITTAL PROCEDURE

- A. Submit Application for Payment and all required information to Engineer for review in accordance with the established schedule. Application and all related forms shall be properly executed by signature of a responsible officer of the Contractor's firm.
- B. Engineer to review and verify Application for Payment within established schedule. Contractor shall make corrections noted by Engineer and re-submit three copies of Application to Engineer.
- C. When Engineer finds the Application complete and correct, Engineer will transmit two copies of the complete Application packet to Owner for processing.

#### 1.07 BASIS OF PAYMENT

##### A. LUMP SUM PRICES

- 1. Where lump sum prices are given for a described portion of the work, that price shall cover all materials, equipment and labor necessary to acquire, deliver, store and install that portion of the work, complete and in place, as shown and indicated in the drawings and as described in the Project Manual.
- 2. Quantities given in the bid form are estimates for the purpose of evaluating bids. Consequently, some differences may arise in actual and bid quantities.
- 3. Quantities given for lump sum items, including earthwork, are estimates only. The Contractor should satisfy himself as to the actual quantities required to complete the work described in the plans and these specifications. Unit costs for earthwork will not be employed to determine payment.

##### B. UNIT PRICE BID ITEMS

- 1. Payment for work included in unit price bid items shall be based on the completed value of each unit in such quantity actually installed as measured and determined by the Engineer unless the approved Schedule of Values provides sufficient detail for measurement and payment of partial progress of work.
- 2. Unit pricing shall include all materials, equipment and labor necessary to complete the bid item as shown and indicated in the project documents.



3. Quantities given in the bid form are estimates for the purpose of evaluating bids. Consequently, some differences may arise in actual and bid quantities.
4. Contractor or Owner may request re-negotiation of Unit Price for an item if the actual field measured work done for that item differs from the estimated quantity by more than 50% under the following terms:
  - a. Contractor shall not make any claim for damages for any work item for which the actual field measurement does not differ from the estimated quantity by more than 50%, higher or lower.
  - b. Re-negotiated Unit Prices shall be based on actual costs to Contractor for the specific work item plus a reasonable allowance for overhead and profit.
  - c. Re-negotiating the Unit Price shall not increase or decrease the Unit Price by more than 10 percent.
  - d. Contractor shall submit to Owner satisfactory data substantiating the actual costs and overhead rate to perform the Work covered by the Unit Price being re-negotiated.
5. No payment will be made if the entire bid item is unused.

C. MINOR CONTRACT REVISIONS

1. If provided on the Bid Schedule, the Minor Contract Revisions line item is for the sole use of Owner at Owner's discretion for changes to the project.
2. The Contractor shall include the dollar amount provided by the Owner for Minor Contract Revisions in his base bid total.
3. The intent of this line item is provide the Owner's designated project manager a mechanism to approve minor changes to the work, either from Contractor requested changes or from Owner modification, without unnecessary project delay and without further approval by the Owner.
4. The Owner shall retain all unused monies in this line item.
5. The Owner shall direct Contractor in writing when this line item is to be used along with the amount to be included in the Application for Payment.

D. ALLOWANCES

1. If provided on the Bid Schedule, an Allowance line item is for the sole use of Owner at Owner's discretion for changes to the project.
2. Allowance line items shall be administered per conditions of GC-11.02.
3. The Owner shall direct Contractor in writing when this line item is to be used along with the all pertinent specifying information for purchase by contractor.
4. Contractor shall submit purchase receipts documenting the cost of owner requested materials with pay application for reimbursement.

1.08 BID ITEMS

A. Bid Item #1 – Mobilization/Demobilization and Performance and Payment Bonds

1. Description
  - a. This line item is for fixed costs associated with acquiring and providing performance and payment bonds and for fixed costs associated with mobilization and demobilization.
2. Specific inclusions, exclusions or special considerations
  - a. This line item shall include all labor, materials and equipment involved with all fixed costs for the Work; mobilization and de-mobilization, bond and insurance costs.

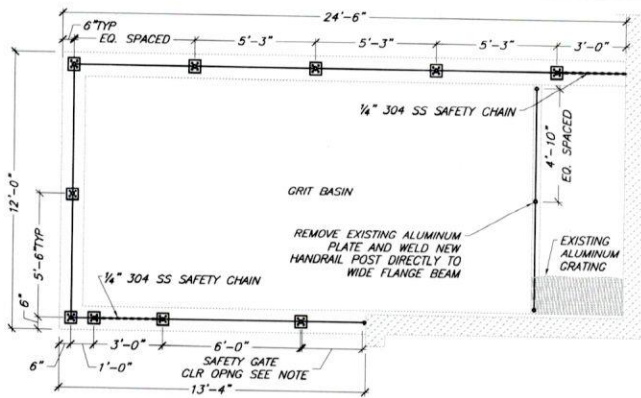
3. Payment Basis
    - a. Lump Sum
- B. Bid Item #2 – Grit Chamber Handrail
1. Description
    - a. This line item is for the demolition and disposal of existing handrail, attachments, safety chains and safety gates constructed at the Grit Chamber and design, supply, and installation of new 304 stainless steel handrail, toe plates, attachments, safety chains and safety gates.
  2. Specific inclusions, exclusions or special considerations
    - a. This line item shall include demolition and disposal of existing aluminum handrail, attachments, safety chains and safety gates constructed at the Grit Chamber.
    - b. This line item shall include all design, labor, materials, and equipment to design, fabricate, and install new handrail, toe plates, attachments, safety chains and safety gates meeting OSHA requirements.
  3. Payment Basis
    - a. Lump Sum
- C. Bid Item #3 – Parshall Flume Handrail
1. Description
    - a. This line item is for the demolition and disposal of existing handrail, attachments, safety chains and safety gates constructed at the Parshall Flume and design, supply, and installation of new 304 stainless steel handrail, attachments, safety chains and safety gates.
  2. Specific inclusions, exclusions or special considerations
    - a. This line item shall include demolition and disposal of existing aluminum handrail, attachments, safety chains and safety gates constructed at the Parshall Flume.
    - b. This line item shall include all design, labor, materials, and equipment to design, fabricate, and install new handrail, toe plates, attachments, safety chains and safety gates meeting OSHA requirements.
  3. Payment Basis
    - a. Lump Sum
- D. Bid Item #4 – Bar Screen Channel Handrail
1. Description
    - a. This line item is for the demolition and disposal of existing handrail, attachments, safety chains and safety gates constructed at the Bar Screen Channel and design, supply, and installation of new 304 stainless steel handrail, attachments, safety chains and safety gates.
  2. Specific inclusions, exclusions or special considerations
    - a. This line item shall include demolition and disposal of existing aluminum handrail, attachments, safety chains and safety gates constructed at the Bar Screen Channel.
    - b. This line item shall include all design, labor, materials, and equipment to design, fabricate, and install new handrail, toe plates, attachments, safety chains and safety gates meeting OSHA requirements.
  3. Payment Basis
    - a. Lump Sum

E. Bid Item #5 – Wet Well Toe Plate

1. Description
  - a. This line item is for the supply and installation of new 304 stainless steel toe plates to the existing stainless steel handrail around the existing wet well.
2. Specific inclusions, exclusions or special considerations
  - a. This line item shall include all design, labor, materials, and equipment to design, fabricate, and install handrail toe plates meeting OSHA requirements.
3. Payment Basis
  - a. Lump Sum

**END OF SECTION**

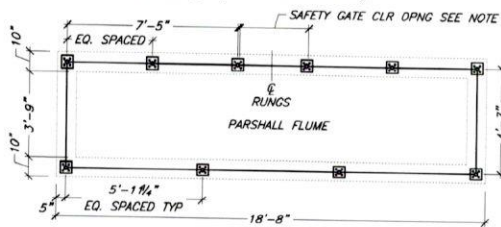




MASONRY WALL

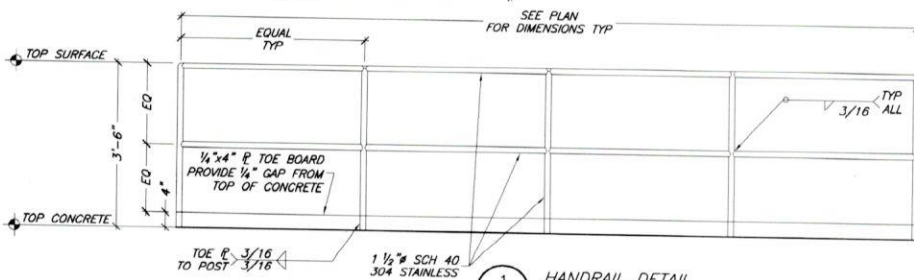
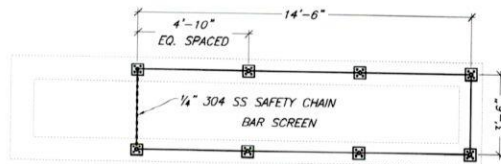
#### GENERAL NOTES

1. ALL DIMENSIONS ON DRAWINGS SHALL BE FIELD VERIFIED. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND OWNER PRIOR TO DEVELOPING FABRICATION SHOP DRAWINGS.
2. DIMENSIONS SHOWN ARE TAKEN FROM THE SEWERAGE IMPROVEMENTS, CRAIG, COLORADO, 1981 DRAWING SET PREPARED BY NORTON, UNDERWOOD & LAMB ENGINEERING ASSOCIATES.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE FABRICATION AND CONSTRUCTION WITH ALL EXISTING EQUIPMENT AND UTILITIES AND VERIFY SIZES AND LOCATIONS PRIOR TO DEVELOPING FABRICATION SHOP DRAWINGS.
4. EXISTING ALUMINUM HANDRAIL, SAFETY CHAINS, GATES, AND HARDWARE SHALL BE DEMOLISHED AND DISPOSED.
5. EXISTING HANDRAIL POSTS FOR THE GRIT BASIN AND BAR SCREEN AREAS SHALL BE CUT FLUSH WITH THE EXISTING CONCRETE. SURFACES OF EXPOSED REMAINING PIPING SHALL BE COATED WITH FILLED WITH SIKAGROUT 311/314.
6. ALL PRODUCTS USED SHALL BE APPROVED FOR WASTEWATER TREATMENT FACILITIES.
7. PROVIDE EPDM OR NEOPRENE GASKET MATERIAL UNDER ALL MOUNTING PLATES.
8. SELF CLOSING SAFETY GATES SHALL BE STAINLESS STEEL AS MANUFACTURED BY PS DOORS, MODEL #LSG-30-SS, WITH A CLEAR OPENING RANGE OF 28-3/4" TO 32-1/2".
9. REFER TO DETAIL 1 FOR HANDRAIL REQUIREMENTS; REFER TO DETAIL 2 FOR MOUNTING REQUIREMENTS.



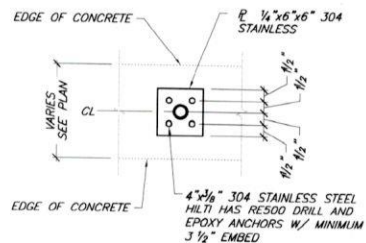
#### PLAN

SCALE: 1/4" = 1'-0"



#### 1 HANDRAIL DETAIL

SCALE: 1/2" = 1'-0"



#### 2 DETAIL

SCALE: 1" = 1'-0"



118 West Sixth Street, Suite 200  
Glenwood Springs, CO 81601  
970.945.1004 www.sgm-inc.com

#### HANDRAIL REPLACEMENT Wastewater Treatment Plant Craig, Colorado

Rev	Date	By	For
1	10/14/2022	SGM	For Bidding

Job No. 2013-SW-124  
Drawn by: J.W.  
Checked: J.W.  
Scale: 1" = 1'-0"  
File: Craig/WTP Handrail

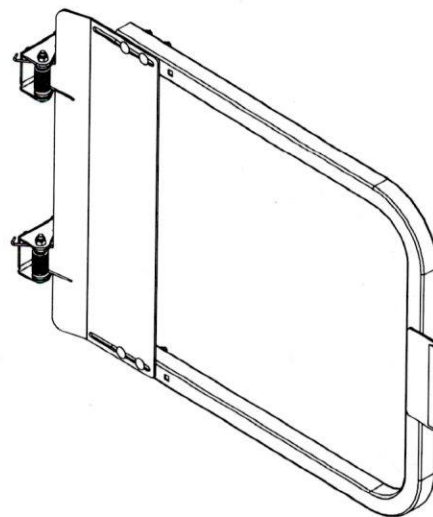
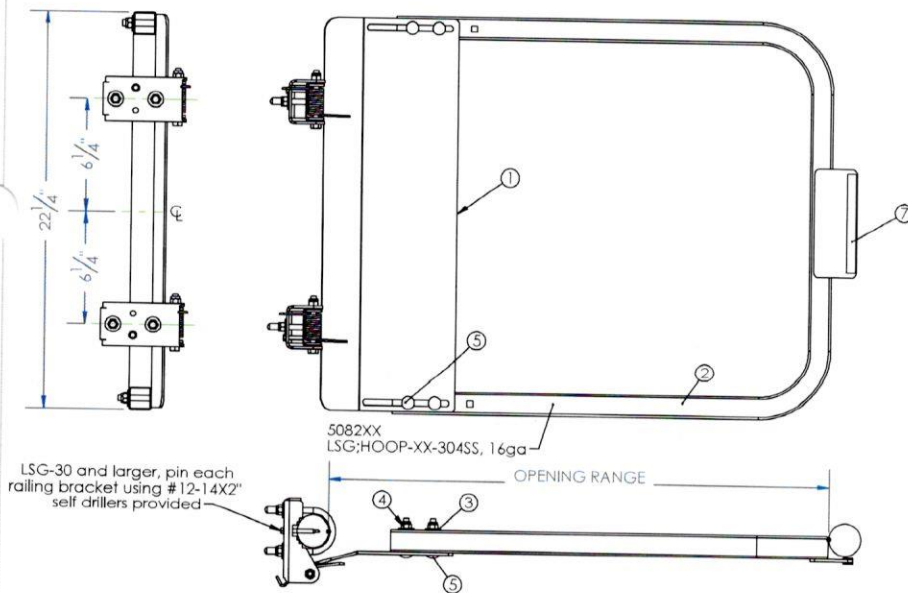
#### Handrail Details and Notes

Sheet No. S1



Model #	Description	*SST Hoop Weldment Part# (Item No. 2 in B.O.M.)	Opening Ranges
LSG-15-SS	Ladder Safety Gate SS 15	508218	13-3/4" - 17-1/2"
LSG-18-SS	Ladder Safety Gate SS 18	508219	16-3/4" - 20-1/2"
LSG-21-SS	Ladder Safety Gate SS 21	508220	19-3/4" - 23-1/2"
LSG-24-SS	Ladder Safety Gate SS 24	508221	22-3/4" - 26-1/2"
LSG-27-SS	Ladder Safety Gate SS 27	508222	25-3/4" - 29-1/2"
LSG-30-SS	Ladder Safety Gate SS 30	508223	28-3/4" - 32-1/2"
LSG-33-SS	Ladder Safety Gate SS 33	508224	31-3/4" - 35-1/2"
LSG-36-SS	Ladder Safety Gate SS 36	508225	34-3/4" - 38-1/2"

ITEM NO	PART NO	DESCRIPTION	QTY.
1	508233	LSG;Hinge Plate 304SS	1
2	5082XX*	LSG;Hoop-XX-304SS, 16GA	1
3	501948	Washer;Flat 5/16"x3/4";T316SS	4
4	501121	Nut;Nylock 5/16"18 316SS	4
5	506660	Bolt;Carraige5/16" 18X2" 316SS	4
ITEM NO	PART NO	DESCRIPTION	QTY.
6	502076	LSG; Hardware Bag SST	1
6.1	500158	Bag Parts 4" X 6" Milcloth	1
6.2	500459	Bolt; "U" 5/16" 18X1-1/2" Pipe SS	2
6.3	501948	Washer; Flat 5/16" X 3/4";T316SS	4
6.4	501121	Nut;Nylock 5/16" 18, 316SS	2
6.5	500932	LSG; Cap Plastic for 5/16" bolt	4
6.6	506021	Screw;HexDrill 1/4X2SS	2
7	502040	WS;Single Lip Trim, .390X.52	1
8	509210	LSG; Installation/O+M Manual	1



PART NAME: Ladder Safety Gate SS XX

PART #: LSG-XX-SS

This drawing is loaned with the expressed agreement that the drawing and information therein contained are the property of Production Specialties Corporation and will not be reproduced or copied in whole or in part nor used for the fabrication or construction of materials except upon the written permission of Production Specialties Corporation first obtained and specific as to use. The acceptance of this drawing will be construed as the acceptance of the foregoing agreement.

VENDOR:

VENDOR PART #:

MATERIAL: Type 304 Stainless Steel

DWG BY: EDS

CHECKED:

SCALE: NTS

DATE:

12/30/2010

SHEET #: 1 OF 1

DWG #: LSG-XX-SS

DATE: 12/30/2010

REV:

**PS DOORS**  
MANUFACTURING DIVISION  
1150 S 48th ST  
GRAND FORKS, ND 58201  
PH: 701-746-4518  
FAX 701-746-8340



**ADDENDUM ORDER**

ORDER NO. 1  
DATE: 10/14/2020  
BID DATE: 10/22/2020

NAME OF PROJECT: City of Craig Wastewater Treatment Plant Handrail Replacement Project

OWNER: City of Craig

ENGINEER: SGM

This is a twelve (12) page addendum. Contact Theresa Weidmann at [theresaw@sgm-inc.com](mailto:theresaw@sgm-inc.com) if you do not receive this addendum in its entirety.

**Clarifications:**

- 1) Bids may be submitted electronically to the attention of Liz White at [LWHITE@ci.craig.co.us](mailto:LWHITE@ci.craig.co.us) or delivered in-person to City Hall as directed on the Advertisement for Bid.
- 2) Stainless steel toe plates meeting the requirements of the Contract Documents and OSHA shall be installed on the existing stainless steel handrail around the wet well.

**The following revisions are hereby made to the CONTRACT DOCUMENTS:**

1. Specification Section 00300, Bid Form. Line Item 5 added for addition of Wet Well Toe Plate.
2. Specification Section 01025, Measurement and Payment. Section 1.08.E added for Bid Line Item #5 – Wet Well Toe Plate.
3. Additional handrail details provided on Drawing Sheet S1.

**The following attachments are included with this Addendum:**

1. Revised Specification Section 00300.
2. Revised Specification Section 01025
3. Revised Drawing Sheet S1.
4. PS Doors Safety Gate Data Sheet.
5. 1981 Drawing Sheet 5 for Wet Well Dimensions.

**Addendum to be acknowledged in Bid response.**